

**Philips MRI Protocol Dump**  
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2/17/2011 4:11:01 PM  
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**Software Stream**  
2.6.3.4

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Hospital (1) | ADNI GO - ADNI 2 Phantom5 (4) 13:38.4 | 3 Plane Localizer 00:31.5

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)	1166.0 / 712.4	FOV FH (mm)	250	startup echoes	default
TFE shot interval (ms)	1166.044	AP (mm)	250	shot interval	shortest
Min. T1 delay	402.423	stack RL (mm)	50	profile order	linear
Act. WFS (pix) / BW (Hz)	3.496 / 124.3	Voxel size FH (mm)	0.9765625	Echoes	1
Min. WFS (pix) / Max. BW (Hz)	1.045 / 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	Fold-over suppression	no	(ms)	4.602995
B1 rms [uT]	0.6881929	Reconstruction matrix	256	Flip angle (deg)	15
PNS / level	16 % / normal	SENSE	no	TR	shortest
Sound Pressure Level (dB)	1.293028	k-t BLAST	no	Halfscan	no
<b>MOTION</b>		Stacks	3	Water-fat shift	user defined
Cardiac synchronization	no	current	A	(pixels)	3.5
Respiratory compensation	no	type	parallel	Shim	default
Navigator respiratory comp	no	slices	3	Fat suppression	no
Flow compensation	no	slice gap	user defined	Water suppression	no
fMRI echo stabilisation	no	gap (mm)	10	TFE prepulse	invert
Motion smoothing	no	slice orientation	sagittal	slice selection	no
NSA	1	fold-over direction	AP	shared	no
<b>DYN/ANG</b>		fat shift direction	F	delay	user defined
Angio / Contrast enh.	no	Slice scan order	default	(ms)	800
Quantitative flow	no	Stack scan order	ascend	PSIR	no
Manual start	no	Move table per stack	no	MTC	no
Dynamic study	no	Stack alignment	no	T2prep	no
Arterial Spin labeling	no	Stack display order	no	Research prepulse	no
<b>POST/PROC</b>		PlanAlign	no	Diffusion mode	no
Preparation phases	auto	REST slabs	0	SAR mode	high
Manual Offset Freq.	no	Interactive positioning	no	B1 mode	default
B0 field map/Dixon	no	<b>OFFC/ANG</b>		PNS mode	low
B1 field map	no	Stacks	3	Gradient mode	regular
MIP/MPR	no	current	A	SoftTone mode	no
Images	M, no, no, no	Stack Offc. AP (P=+mm)	-20		
Autoview image	M	RL (L=+mm)	0		
Calculated images	no, no, no, no	FH (H=+mm)	20		
Reference tissue	Grey matter	Ang. AP (deg)	0		
Preset window contrast	soft	RL (deg)	0		
Reconstruction mode	real time	FH (deg)	0		
Save raw data	no				
Hardcopy protocol	no				
Ring filtering	rectangular				
Geometry correction	default				



Hospital (1) | ADNI GO - ADNI 2 Phantom5 (4) 13:38.4 | QC Phantom MPRAGE 05:34.2

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)	6.7 / 3.1	element selection	SENSE	technique	FFE
ACQ matrix M x P	244 x 228	connection	d	Contrast enhancement	T1
ACQ voxel MPS (mm)	1.11 / 1.11 / 1.30	Dual coil	no	Acquisition mode	cartesian
REC voxel MPS (mm)	1.05 / 1.05 / 1.30	CLEAR	yes	Fast Imaging mode	TFE
Scan percentage (%)	100	body tuned	no	3D non-selective	no
TFE factor	228	FOV FH (mm)	270	shot mode	single-shot
TFE dur. shot / acq (ms)	1671.8 / 1525.0	AP (mm)	253.125	TFE startup echoes	default
Min. T1 delay	796.2259	RL (mm)	221	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)	0.464 / 936.1	AP (mm)	1.11	profile order	linear
SAR / head	< 10 % / 0.3 W/kg	RL (mm)	1.3	turbo direction	Y
Whole body / level	0.0 W/kg / normal	Recon voxel size (mm)	1.054688	Echoes	1
B1 rms [uT]	0.7446711	Fold-over suppression	no	partial echo	no
PNS / level	60 % / normal	Slice oversampling	default	shifted echo	no
Sound Pressure Level (dB)	13.38483	Reconstruction matrix	256	TE	shortest
<b>MOTION</b>		SENSE	yes	Flip angle (deg)	9
Cardiac synchronization	no	P reduction (AP)	1	TR	shortest
Respiratory compensation	no	P os factor	1	Halfscan	no
Navigator respiratory comp	no	S reduction (RL)	1.8	Water-fat shift	user defined
Flow compensation	no	k-t BLAST	no	(pixels)	1.8
fMRI echo stabilisation	no	Overcontiguous slices	no	Shim	auto
Motion smoothing	no	Stacks	1	Fat suppression	no
NSA	1	slices	170	Water suppression	no
<b>DYN/ANG</b>		slice orientation	sagittal	TFE prepulse	invert
Angio / Contrast enh.	no	fold-over direction	AP	slice selection	no
Quantitative flow	no	fat shift direction	F	delay	user defined
CENTRA	no	Chunks	1	(ms)	900
Manual start	no	PlanAlign	no	PSIR	no
Dynamic study	no	REST slabs	0	MTC	no
Arterial Spin labeling	no	Interactive positioning	no	T2prep	no
<b>POST/PROC</b>		<b>OFFC/ANG</b>		Research prepulse	no
Preparation phases	auto	Stacks	1	Diffusion mode	no
Manual Offset Freq.	no	Stack Offc. AP (P=+mm)	-7.38014	SAR mode	high
BO field map/Dixon	no	RL (L=+mm)	1.671578	B1 mode	default
B1 field map	no	FH (H=+mm)	15.46823	PNS mode	low
MIP/MPR	no	Ang. AP (deg)	-1.783733	Gradient mode	maximum
Images	M, no, no, no	RL (deg)	-0.07435598	SoftTone mode	no
Autoview image	M	FH (deg)	-2.387414		
Calculated images	no, no, no, no				
Reference tissue	Grey matter				
Preset window contrast	soft				
Reconstruction mode	real time				
Save raw data	no				
Hardcopy protocol	no				
Ringing filtering	rectangular				
Geometry correction	default				
Elliptical k-space shutter	default				

Hospital (1) | ADNI GO - ADNI 2 Phantom5 (4) 13:38.4 | QC Phantom fMRI 07:03.0

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)	18.051 / 24.1	AP (mm)	3.3125	(ms)	30
BW in EPI freq. dir. (Hz)	1886.2	Slice thickness (mm)	3.3125	Flip angle (deg)	80
Min. WFS (pix) / Max. BW (Hz)	10.222 / 42.5	Recon voxel size (mm)	3.3125	TR	user defined
Min. TR/TE (ms)	2943 / 13	Fold-over suppression	no	(ms)	3000
SAR / head	< 29 % / 0.9 W/kg	Reconstruction matrix	64	Halfscan	no
Whole body / level	< 0.1 W/kg / normal	SENSE	no	Water-fat shift	user defined
B1 rms [uT]	1.248067	k-t BLAST	no	(pixels)	18.049
PNS / level	61 % / normal	Stacks	1	Shim	auto
Sound Pressure Level (dB)	17.81354	type	parallel	Fat suppression	SPIR
<b>MOTION</b>		slices	48	strength	strong
Cardiac synchronization	no	slice gap	user defined	frequency offset	default
Respiratory compensation	no	gap (mm)	0	Water suppression	no
Navigator respiratory comp	no	slice orientation	transverse	MTC	no
Flow compensation	no	fold-over direction	AP	Research prepulse	no
Temporal slice spacing	minimal	fat shift direction	P	Diffusion mode	no
fMRI echo stabilisation	no	Minimum number of packages	1	SAR mode	high
NSA	1	Slice scan order	ascend	B1 mode	default
<b>DYN/ANG</b>		PlanAlign	no	PNS mode	moderate
Angio / Contrast enh.	no	REST slabs	0	Gradient mode	maximum
Quantitative flow	no	Interactive positioning	no	SoFTone mode	no
Manual start	no	<b>OFFC/ANG</b>			
Dynamic study	individual	Stacks	1		
dyn scans	140	Stack Offc. AP (P=+mm)	-6.54402		
recon multiplier	1	RL (L=+mm)	1.671578		
dyn scan times	shortest	FH (H=+mm)	21.73913		
dummy scans	0	Ang. AP (deg)	-1.783733		
immediate subtraction	no	RL (deg)	-0.07435598		
fast next scan	no	FH (deg)	-2.387414		
synch. ext. device	no				
dyn stabilization	no				
prospect. motion corr.	yes				
Keyhole	no				
Arterial Spin labeling	no				
<b>POST/PROC</b>					
Preparation phases	full				
Manual Offset Freq.	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				