

Philips MRI Protocol Dump
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Hospital (5) | CIMAQ_PHANTOM SPIR 2 (Master patch) (4) 17:22:5 | Survey 00:31.4

INFO PAGE		GEOMETRY		CONTRAST	
Total scan duration	00:31.4	Nucleus	H1	Scan type	Imaging
Rel. SNR	1	Uniformity	CLEAR	Scan mode	M2D
Act. TR/TE (ms)	11 / 4.6	FOV FH (mm)	250	technique	FFE
ACQ matrix M x P	256 x 128	AP (mm)	250	Contrast enhancement	T1
ACQ voxel MPS (mm)	0.98 / 1.95 / 10.0	stack RL (mm)	50	Acquisition mode	cartesian
REC voxel MPS (mm)	0.98 / 0.98 / 10.0	Voxel size FH (mm)	0.976563	Fast Imaging mode	TFE
Scan percentage (%)	50	AP (mm)	1.953125	shot mode	multishot
TFE shots	2	Slice thickness (mm)	10	TFE factor	64
TFE dur. shot / acq (ms)	1161.8 / 704.0	Recon voxel size (mm)	0.9765625	startup echoes	default
TFE shot interval (ms)	1161.829	Small FOV imaging	no	shot interval	shortest
Min. TI delay	396.7518	Fold-over suppression	no	profile order	linear
Act. WFS (pix) / BW (Hz)	3.104 / 139.9	Reconstruction matrix	256	Echoes	1
Min. WFS (pix) / Max. BW (Hz)	0.560 / 775.0	SENSE	no	partial echo	no
Min. TR/TE (ms)	9.4 / 3.7	k-t BLAST	no	shifted echo	no
SAR / local torso	< 11 %	Stacks	3	TE	in-phase
Whole body / level	< 0.3 W/kg / normal	current	A	(ms)	4.605216
SED	0.0 kJ/kg	type	parallel	Flip angle (deg)	15
B1+rms / Coil Power	0.75 uT / 10 %	slices	3	TR	user defined
Max B1+rms	0.75 uT	slice gap	user defined	(ms)	11
PNS / level	53 % / normal	gap (mm)	10	Halfscan	no
dB/dt	44.8 T/s	slice orientation	sagittal	Water-fat shift	user defined
Sound Pressure Level (dB)	17.52773	fold-over direction	AP	(pixels)	3.5
Boil-off (hPa/h)	2.377141	fat shift direction	F	RF Shims	fixed
Max Boil-off (hPa/h)	3.987457	Slice scan order	default	Shim	default
Boil-off (hPa)	0.02071374	Stack scan order	ascend	mDIXON	no
MOTION		Move table per stack	no	Fat suppression	no
Cardiac synchronization	no	Stack alignment	no	Water suppression	no
Heart rate > 250 bpm	no	Stack display order	no	TFE prepulse	invert
Respiratory compensation	no	PlanAlign	no	slice selection	no
Navigator respiratory comp	no	REST slabs	0	shared	no
RNAV imaging mode	no	Catheter tracking	no	delay	user defined
Flow compensation	no	Interactive positioning	no	(ms)	800
fMRI echo stabilisation	no	Allow table movement	no	PSIR	no
Motion smoothing	no	OFFC/ANG		MTC	no
NSA	1	Stacks	3	T2prep	no
DYN/ANG		current	A	Research prepulse	no
Angio / Contrast enh.	no	Stack Offc. AP (P=+mm)	-20	Diffusion mode	no
Quantitative flow	no	RL (L=+mm)	0	Elastography mode	no
Manual start	no	FH (H=+mm)	0	Transmit channels	both
Dynamic study	no	Ang. AP (deg)	0	SAR mode	high
Arterial Spin labeling	no	RL (deg)	0	B1 mode	default
POST/PROC		FH (deg)	0	SAR Patient data	auto
Preparation phases	auto	Free rotatable	no	PNS mode	low
Interactive F0	no			Gradient mode	default
SmartPlan survey	no			SoftTone mode	no
B0 field map	no				
B1 field map	no				
MIP/MPR	no				
SWIp	no				
Images	M, no, no, no				
Autoview image	M				
Calculated images	no, no, no, no				
Reference tissue	White matter				
Recon compression	No				
Preset window contrast	soft				
Reconstruction mode	immediate				
Save raw data	no				
Hardcopy protocol	no				
Image filter	system default				
Geometry correction	default				

Hospital (5) | CIMAQ_PHANTOM SPIR 2 (Master patch) (4) 17:22.5 | T1W_3D_TFE_SENSE2 07:01.8

INFO PAGE		GEOMETRY		CONTRAST	
Total scan duration	07:01.8	Nucleus	H1	Scan type	Imaging
Rel. SNR	1	Uniformity	CLEAR	Scan mode	3D
Act. TR/TE (ms)	7.3 / 3.3	FOV FH (mm)	256	technique	FFE
ACQ matrix M x P	256 x 248	AP (mm)	248	Contrast enhancement	T1
ACQ voxel MPS (mm)	1.00 / 1.00 / 1.00	RL (mm)	200	Acquisition mode	cartesian
REC voxel MPS (mm)	1.00 / 1.00 / 1.00	Voxel size FH (mm)	1	Fast Imaging mode	TFE
Scan percentage (%)	100	AP (mm)	1	3D non-selective	no
TFE shots	140	RL (mm)	1	shot mode	multishot
TFE dur. shot / acq (ms)	1842.8 / 1798.6	Recon voxel size (mm)	1	TFE factor	248
Min. TI delay	934.8873	Fold-over suppression	no	3D free factor	no
Act. WFS (pix) / BW (Hz)	1.903 / 228.2	Slice oversampling	default	startup echoes	default
Min. WFS (pix) / Max. BW (Hz)	0.560 / 775.0	RF select. FOS	no	shot interval (ms)	user defined 3000
SAR / local torso	< 9 %	RECONSTRUCTION matrix	256	profile order	linear
Whole body / level	< 0.3 W/kg / normal	SENSE	yes	turbo direction	Y
SED	< 0.1 kJ/kg	P reduction (AP)	1	Echoes	1
B1+rms / Coil Power	0.68 uT / 8 %	S reduction (RL)	2	partial echo	no
Max B1+rms	0.68 uT	k-t BLAST	no	shifted echo	no
PNS / level	60 % / normal	Overcontiguous slices	no	TE	shortest
dB/dt	56.2 T/s	Stacks	1	Flip angle (deg)	9
Sound Pressure Level (dB)	15.74764	slices	200	TR	shortest
Boil-off (hPa/h)	3.723994	slice orientation	sagittal	Halfscan	no
Max Boil-off (hPa/h)	6.201499	fold-over direction	AP	Water-fat shift (pixels)	user defined 1.9
Boil-off (hPa)	0.4363722	fat shift direction	F	RF Shims	fixed
MOTION		Multi-chunk	no	Shim	auto
Cardiac synchronization	no	PlanAlign	no	mDIXON	no
Heart rate > 250 bpm	no	REST slabs	0	Fat suppression	no
Respiratory compensation	no	Catheter tracking	no	Water suppression	no
Navigator respiratory comp	no	Interactive positioning	no	TFE prepulse	invert
RNAV imaging mode	no	Allow table movement	no	slice selection	no
Flow compensation	no	OFFC/ANG		delay	shortest
fMRI echo stabilisation	no	Stacks	1	PSIR	no
Motion smoothing	no	Stack Offc. AP (P=+mm)	-9.018034	MTC	no
NSA	1	RL (L=+mm)	-3.507003	T2prep	no
DYN/ANG		FH (H=+mm)	-8.517027	Research prepulse	no
Angio / Contrast enh.	no	Ang. AP (deg)	0	Diffusion mode	no
Quantitative flow	no	RL (deg)	0	Elastography mode	no
CENTRA	no	FH (deg)	0	Transmit channels	both
Manual start	no	Free rotatable	no	SAR mode	high
Dynamic study	no			B1 mode	default
Arterial Spin labeling	no			SAR Patient data	auto
POST/PROC				PNS mode	low
Preparation phases	auto			Gradient mode	default
Interactive F0	no			SoftTone mode	no
SmartPlan survey	no				
B0 field map	no				
B1 field map	no				
MIP/MPR	no				
SWIp	no				
Images	M, no, no, no				
Autoview image	M				
Calculated images	no, no, no, no				
Reference tissue	White matter				
Recon compression	No				
Preset window contrast	soft				
Reconstruction mode	immediate				
Save raw data	no				
Hardcopy protocol	no				
Image filter	no				
Geometry correction	default				
Elliptical k-space shutter	default				

Hospital (5) | CIMAQ_PHANTOM SPIR 2 (Master patch) (4) 17:22.5 | DUAL_SENSE2 06:12.0

INFO PAGE		GEOMETRY		CONTRAST	
Total scan duration	06:12.0	Nucleus	H1	Scan type	Imaging
Rel. SNR	1	Uniformity	CLEAR	Scan mode	MS
Act. TR (ms)	3000	FOV AP (mm)	240	technique	SE
Act. TE (ms)	13/100	RL (mm)	240	Modified SE	no
ACQ matrix M x P	256 x 254	FH (mm)	144	Acquisition mode	cartesian
ACQ voxel MPS (mm)	0.94 / 0.94 / 3.00	Voxel size AP (mm)	0.94	Fast Imaging mode	TSE
REC voxel MPS (mm)	0.94 / 0.94 / 3.00	RL (mm)	0.9375	shot mode	multishot
Scan percentage (%)	99.33775	Slice thickness (mm)	3	TSE factor	10
Packages	4	Recon voxel size (mm)	0.9375	startup echoes	0
Min. slice gap (mm)	0	Small FOV imaging	no	profile orders	default
Optimal slices	12	Fold-over suppression	no	DRIVE	no
WFS (pix) / BW (Hz)	2,055 / 211.4	Reconstruction matrix	256	ultrashort	no
TSE es / shot (ms)	12.5 / 125	SENSE	yes	fid reduction	default
TEff / TEequiv (ms)	100 / 100	P reduction (RL)	1.7	Echoes	2
Min. TR (ms)	2814	k-t BLAST	no	partial echo	no
SAR / local torso	< 94 %	Stacks	1	TE first	shortest
Whole body / level	< 3.0 W/kg / 1st level	type	parallel	second (ms)	100
SED	< 1.1 kJ/kg	slices	48	Flip angle (deg)	90
B1+rms / Coil Power	2.21 uT / 90 %	slice gap	user defined	Refocusing control	no
Max B1+rms	2.22 uT	gap (mm)	0	TR	user defined
PNS / level	47 % / normal	slice orientation	transverse	(ms)	3000
dB/dt	43.7 T/s	fold-over direction	RL	Halfscan	no
Sound Pressure Level (dB)	14.38329	fat shift direction	P	Water-fat shift	maximum
Boil-off (hPa/h)	1.514663	Minimum number of packages	1	RF Shims	fixed
Max Boil-off (hPa/h)	1.514663	Slice scan order	default	Shim	default
Boil-off (hPa)	0.1565152	PlanAlign	no	mDIXON	no
MOTION		REST slabs	0	Fat suppression	SPIR
Cardiac synchronization	no	Catheter tracking	no	strength	strong
Heart rate > 250 bpm	no	Interactive positioning	no	frequency offset	default
Respiratory compensation	no	Allow table movement	no	Grad Rev Fat suppression	no
Navigator respiratory comp	no	OFFC/ANG		Water suppression	no
RNAV imaging mode	no	Stacks	1	BB pulse	no
Flow compensation	no	Stack Offc. AP (P=+mm)	-9.710834	MTC	no
Temporal slice spacing	default	RL (L=+mm)	-3.507003	T2prep	no
Motion smoothing	no	FH (H=+mm)	26.12257	Research prepulse	no
NSA	1	Ang. AP (deg)	0	Zoom imaging	no
DYN/ANG		RL (deg)	0	Diffusion mode	no
Manual start	no	FH (deg)	0	Elastography mode	no
Dynamic study	no	Free rotatable	no	Transmit channels	both
Arterial Spin labeling	no	CONTRAST		SAR mode	high
POST/PROC		Scan type	Imaging	B1 mode	default
Preparation phases	auto	Scan mode	MS	SAR Patient data	auto
Interactive FO	no	technique	SE	PNS mode	low
SmartPlan survey	no	Modified SE	no	Gradient mode	default
B0 field map	no	Acquisition mode	cartesian	SoftTone mode	no
B1 field map	no	Fast Imaging mode	TSE		
MIP/MPR	no	shot mode	multishot		
Images	M, no, no, no	TSE factor	10		
Autoview image	M	startup echoes	0		
Calculated images	no, no, no, no	profile orders	default		
Reference tissue	Grey matter	DRIVE	no		
Recon compression	No	ultrashort	no		
Preset window contrast	soft	fid reduction	default		
Reconstruction mode	real time	Echoes	2		
Save raw data	no	partial echo	no		
Hardcopy protocol	no	TE first	shortest		
Image filter	weak	second (ms)	100		
Geometry correction	default	Flip angle (deg)	90		
		Refocusing control	no		
		TR	user defined		
		(ms)	3000		
		Halfscan	no		
		Water-fat shift	maximum		
		RF Shims	fixed		
		Shim	default		
		mDIXON	no		
		Fat suppression	SPIR		
		strength	strong		
		frequency offset	default		
		Grad Rev Fat suppression	no		
		Water suppression	no		
		BB pulse	no		
		MTC	no		
		T2prep	no		
		Research prepulse	no		
		Zoom imaging	no		
		Diffusion mode	no		
		Elastography mode	no		
		Transmit channels	both		
		SAR mode	high		
		B1 mode	default		
		SAR Patient data	auto		
		PNS mode	low		
		Gradient mode	default		
		SoftTone mode	no		

Hospital (5) | CIMAQ_PHANTOM SPIR 2 (Master patch) (4) 17:22.5 | rs_fmri 03:37.3

INFO PAGE		GEOMETRY		CONTRAST	
Total scan duration	03:37.3	Nucleus	H1	Scan type	Imaging
Rel. SNR	1	Uniformity	CLEAR	Scan mode	MS
Act. TR/TE (ms)	2110 / 30	FOV RL (mm)	224	technique	FFE
Dyn. scan time	00:02.1	AP (mm)	224	Contrast enhancement	no
Time to k0	00:01.0	FH (mm)	136.5	Acquisition mode	cartesian
ACQ matrix M x P	64 x 63	Voxel size RL (mm)	3.5	Fast Imaging mode	EPI
ACQ voxel MPS (mm)	3.50 / 3.50 / 3.50	AP (mm)	3.5	shot mode	single-shot
REC voxel MPS (mm)	3.50 / 3.50 / 3.50	Slice thickness (mm)	3.5	Echoes	1
Scan percentage (%)	100	Recon voxel size (mm)	3.5	partial echo	no
Packages	1	Small FOV imaging	no	shifted echo	no
Min. slice gap (mm)	0	Fold-over suppression	no	TE	user defined
EPI factor	31	Reconstruction matrix	64	(ms)	30
Act. WFS (pix) / BW (Hz)	8,939 / 48.6	SENSE	yes	Flip angle (deg)	70
BW in EPI freq. dir. (Hz)	1906.1	P reduction (AP)	2.1	TR	user defined
Min. WFS (pix) / Max. BW (Hz)	5,824 / 74.6	k-t BLAST	no	(ms)	2110
Min. TR/TE (ms)	1999 / 12	Stacks	1	Halfscan	no
SAR / local torso	< 33 %	type	parallel	Water-fat shift	user defined
Whole body / level	< 1.1 W/kg / normal	slices	39	(pixels)	8.94
SED	< 0.2 kJ/kg	slice gap	user defined	RF Shims	fixed
B1+rms / Coil Power	1.31 uT / 31 %	gap (mm)	0	Shim	auto
Max B1+rms	1.31 uT	slice orientation	transverse	mDIXON	no
PNS / level	82 % / 1st level	fold-over direction	AP	Fat suppression	SPIR
dB/dt	124.8 T/s	fat shift direction	P	strength	strong
Sound Pressure Level (dB)	18.60063	Minimum number of packages	1	frequency offset	default
Boil-off (hPa/h)	8.018297	Slice scan order	ascend	Water suppression	no
Max Boil-off (hPa/h)	8.018807	PlanAlign	no	MTC	no
Boil-off (hPa)	0.4839889	REST slabs	0	Research prepulse	no
MOTION		Catheter tracking	no	Diffusion mode	no
Cardiac synchronization	no	Interactive positioning	no	Elastography mode	no
Heart rate > 250 bpm	no	Allow table movement	no	Transmit channels	both
Respiratory compensation	no	OFFC/ANG		SAR mode	high
Navigator respiratory comp	no	Stacks	1	B1 mode	default
RNAV imaging mode	no	Stack Offc. AP (P=+mm)	-9.710834	SAR Patient data	auto
Flow compensation	no	RL (L=+mm)	-3.507003	PNS mode	high
Temporal slice spacing	default	FH (H=+mm)	26.12257	Gradient mode	maximum
fMRI echo stabilisation	no	Ang. AP (deg)	0	SoFTone mode	no
NSA	1	RL (deg)	0		
DYN/ANG		FH (deg)	0		
Angio / Contrast enh.	no	Free rotatable	no		
Quantitative flow	no				
Manual start	yes				
Dynamic study	individual				
dyn scans	100				
noise scan	no				
recon multiplier	1				
dyn scan times	shortest				
fov time mode	default				
dummy scans	1				
immediate subtraction	no				
fast next scan	no				
synch. ext. device	no				
dyn stabilization	enhanced				
prospect. motion corr.	yes				
Keyhole	no				
Arterial Spin labeling	no				
POST/PROC					
Preparation phases	full				
Interactive F0	no				
SmartPlan survey	no				
B0 field map	no				
B1 field map	no				
MIP/MPR	no				
SWIp	no				
Images	M, no, no, no				
Autoview image	M				
Calculated images	no, no, no, no				
Reference tissue	Grey matter				
EPI 2D phase correction	no				
Recon compression	No				
Preset window contrast	soft				
Reconstruction mode	real time				
reuse memory	no				
Save raw data	no				
Hardcopy protocol	no				
Image filter	weak				
Geometry correction	default				