

Phillips 3T MRI Scanners Setup

Recommended Settings are in red

Geometry

Coil selection = SENSE-head
element selection = SENSE
connection = d
Dual connector = no
FOV (mm) = 256.00
RFOV (%) = 94.00
Foldover suppression = no
Matrix scan = 192
reconstruction = 256
Scan percentage (%) = 100.00
SENSE = yes
P reduction (AP) = 1.00
S reduction (RL) = 1.00
Body tuned = no
Overcontiguous slices = no
Stacks = 1
Slices = 170
Slice thickness (mm) = 1.20
Slice orientation = sagittal
Foldover direction = AP
Fat shift direction = F

Use geometry = none
Chunks = 1
PlanAlign = no
REST slabs = 0
Catheter tracking = no
Interactive positioning = no
Allow table movement = no
Patient position = head first
Orientation = supine

Contrast

Scan mode = 3D
Technique = FFE
Contrast enhancement = T1
Acquisition mode = cartesian
Fast Imaging mode = TFE
Shot mode = multi-shot
TFE factor = 240
Startup echoes = default
Shot interval = user defined
(ms) = 3000.00
Profile order = linear
Turbo direction = Y
Randomized shots = no

Echoes = 1
Partial echo = no
Shifted echo = no

TE = shortest
Flip angle (deg) = 8.00
TR = shortest
Half Scan = no
Water fat shift = user defined
(pixels) = 1.800

Shim = auto
SPIR = no
SPAIR = no
TFE prepulse = invert
Slice selection = no
Delay = shortest

ProSet = no
MTC = no
T2prep = no
Research prepulse = no
Diffusion mode = no
SAR mode = high
B1 mode = default
PNS mode = low
Gradient mode = maximum
SoftTone mode = no

Motion

Cardiac synchronisation = no
Respiratory compensation = no
Navigator respiratory comp = no
Flow compensation = no
fMRI echo stabilisation = no
NSA = 1
Dyn/ang
Angio = no
Quantitative flow = no
Manual start = no
Dynamic study = no
Flow labelling = none

Postproc

Preparation phases = auto
B0 field map = no
MIP/MPR = no
Images =
0: M no no no
Autoview image = M
Reference tissue = Grey matter
Preset window contrast = soft
Reconstruction mode = immediate
Save raw data = no
Push to workstation = no
Hardcopy protocol = no
Ringing filtering = yes

Offc/ang
Stacks = 1
Stack Offc. AP (P=+mm) = 0.00
RL (L=+mm) = 0.00
FH (H=+mm) = 0.00
Ang. AP (deg) = 0.00
RL (deg) = 0.00
FH (deg) = 0.00

Info

SAR (W/kg) / (level) = <0.2 / 0
PNS (%) / (level) = 54 % / normal
Total scan duration = 09:19.7
Act. TR/TE (ms) = 6.8 / 3.3
ACQ voxel MPS (mm) = 1.00 / 1.00 / 1.20
REC voxel MPS (mm) = 1.00 / 1.00 / 1.20
Scan percentage (%) = 100.0
TFE shots = 187
TFE dur. shot / acq (ms) = 1683.4 / 1642.0
Min. TI delay = 853.8
Act. WFS (pix) / BW (Hz) = 1.800 / 241.3
Min. WFS (pix) / Max. BW (Hz) = 0.329 / 1319.9
Rel. signal level (%) = 100.0