managed to GE

UAB NEURO , MITT2 , DTI

→ SMASH or GRAPPA → SENSE

Look for file (reload patient data)

Geometry	
Coil selection	= SENSE-hea
coil mode	= SENSE
connection	= d
FOV (mm)	= 230.00
RFOV (%)	= 100.00
Foldover suppression	= no
Matrix scan	= 112
reconstruction	= 128
Scan percentage (%)	= 80.00
SENSE	= yes
P reduction (AP)	= 2.00
body tuned	= no
Stacks	= 1
type	= parallel
slices	= 34 → as high as possible (~40)
slice thickness (mm)	= 3.00
slice gap	= user defi
gap (mm)	= 0.00
slice orientation	= transverse
foldover direction	= AP
fat shift direction	= P
use geometry	= none
Minimum number of packages	= 1
Slice scan order	= default
PlanAlign	= no
REST slabs	= 0
Interactive positioning	= no
Patient position	= head first
orientation	= supine
Contrast	
Scan mode	= MS
technique	= SE
Modified SE	= no
Fast Imaging mode	= EPI
shot mode	= single sho
Echoes	= 1
partial echo	= no
TE (ms)	= 87.00
Flip angle (deg)	= 90.00
TR	= shortest
Half Scan	= yes
factor	= 0.681
Water fat shift	= minimum
Shim	= auto
SPIR	= fat sup.
frequency offset	= default
SPAIR	= no
BB pulse	= no
ProSet	= no
MTC	= no
Research prepulse	= no
diffusion mode	= DTI
sequence	= SE
gradient duration	= maximum
gradient overplus	= no
directional resolution	= medium

google: Gradient table creator JAVA applet
Jonathan Farrell & Bennett Landman

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    nr of b-factors          = 2
    b-factor order           = ascending
    max b-factor             = 1000
    average high b           = yes
SAR mode                     = high
B1 mode                      = default
PNS mode                     = low
gradient mode                = default
SofTone mode                 = no

Motion
Cardiac synchronisation      = no
Respiratory compensation     = no
Navigator respiratory comp   = no
Flow compensation            = no
Temporal slice spacing       = default
NSA                          = 1

Dyn/ang
Manual start                 = no
Dynamic study                = no
    dyn. stabilization       = no
Flow labelling               = none

Postproc
Preparation phases           = auto
MIP/MPR                      = no
Images                       =
      0: M  no  no  no
Autoview image               = M
Calculated images            =
      0: no  no  no  no
Reference tissue             = Grey matter
EPI 2D phase correction      = no
Preset window contrast       = soft
Reconstruction mode          = real time
Save raw data                = no
Push to workstation          = no
Hardcopy protocol            = no
Ringing filtering            = yes

Offc/ang
Stacks                       = 1
Stack Offc.  AP (P=+mm)      = -12.31
             RL (L=+mm)      = 5.92
             FH (H=+mm)      = 15.96
      Ang.   AP (deg)        = -0.00
             RL (deg)        = -0.77
             FH (deg)        = 2.44

Info
SAR (W/kg) / SAR level       = 0.8 / 0
PNS / PNS level              = 57 % / normal
Total scan duration          = 03:46.8
Measured voxel size          M / P / S (mm) = 2.05 / 2.62 / 3.00
Reconstructed voxel size     M / P / S (mm) = 1.80 / 1.80 / 3.00
Actual scan percentage (%)   = 78.3
Number of packages           = 1
Minimum slice gap            = 0.00
Diffusion gradient timing    DELTA / delta (ms) = 43.1 / 31.3
```

EPI factor = 47
Water fat shift (pixels) / BW per pixel (Hz) = 15.941 / 27.2
Bandwidth per pixel in EPI read out direction (Hz) = 1830.7
Act. TR (ms) = 4629
Relative signal level RSL (%) = 100.0