Geometry
Coil selection = SENSE-head
   element selection = SENSE
   connection = d
Multi coil = no
Dual connector = no
Homogeneity correction = none
CLEAR = no
FOV (mm) = 250.00
RFOV (%) = 100.00
Foldover suppression = no
Matrix scan = 256
   reconstruction = 256
Scan percentage (%) = 50.00
SENSE = no
Stacks = 3
   current = A
   type = parallel
   slices = 3
   slice thickness (mm) = 10.00
   slice gap
      gap (mm) = 10.00
   slice orientation = sagittal
   foldover direction = AP
   fat shift direction = F
   use geometry = none
Slice scan order = default
Stack scan order = ascend
Move table per stack = no
Stack alignment = no
Stack display order = no
PlanAlign = no
REST slabs = 0
Catheter tracking = no
Interactive positioning = no
Allow table movement = no
Patient position = head first
   orientation = supine

Contrast
Scan mode = M2D
   technique = FFE
Contrast enhancement = T1
Acquisition mode = cartesian
Fast Imaging mode = TFE
   shot mode = multi-shot
   TFE factor = 42
   startup echoes = default
   shot interval = shortest
   profile order = linear
   randomized shots = no
Echoes = 1
   partial echo = no
   shifted echo = no
TE = shortest
Flip angle (deg) = 20.00
TR = user defined
  (ms) = 15.00
Half Scan = no
Water fat shift = maximum
Shim = no
SPIR = no
SPAIR = no
TFE prepulse = invert
  slice selection = no
  shared = no
  delay = shortest
ProSet = no
MTC = no
T2prep = no
Research prepulse = no
diffusion mode = no
SAR mode = high
B1 mode = default
PNS mode = moderate
gradient mode = regular
SofTone 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 = White matter
Preset window contrast = soft
Reconstruction mode = immediate
Save raw data = no
Push to workstation = no
Hardcopy protocol = no
Ringing filtering = no

Offc/ang
Stacks = 3
  current = A
Stack Offc. AP (P=+mm) = -20.00
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) = <0.3 / 0
PNS (%) / (level) = 16 % / normal
Total scan duration = 00:17.4
Act. TR/TE (ms) = 15 / 5.2
ACQ voxel MPS (mm) = 0.98 / 1.98 / 10.0
REC voxel MPS (mm) = 0.98 / 0.98 / 10.0
Scan percentage (%) = 49.2
TFE shots = 3
TFE dur. shot / acq (ms) = 697.1 / 630.0
TFE shot interval (ms) = 697.1
Min. TI delay = 372.8
Act. WFS (pix) / BW (Hz) = 1.161 / 187.1
Min. WFS (pix) / Max. BW (Hz) = 0.522 / 415.8
Min. TR/TE (ms) = 10 / 5.2
Rel. signal level (%) = 100.0
Geometry
Coil selection = SENSE-head
   element selection = SENSE
   connection = d
Dual connector = no
Foldover suppression = no
Stack Offc. AP (P=+mm) = 0.00
   RL (L=+mm) = 0.00
   FH (H=+mm) = 0.00
Patient position = head first
   orientation = supine
Respiratory compensation = no
NSA = 3
Manual start = no

Contrast
Coil selection = SENSE-head
   element selection = SENSE
   connection = d
Dual connector = no
Foldover suppression = no
Stack Offc. AP (P=+mm) = 0.00
   RL (L=+mm) = 0.00
   FH (H=+mm) = 0.00
Patient position = head first
   orientation = supine
Respiratory compensation = no
NSA = 3
Manual start = no

Motion
Coil selection = SENSE-head
   element selection = SENSE
   connection = d
Dual connector = no
Foldover suppression = no
Stack Offc. AP (P=+mm) = 0.00
   RL (L=+mm) = 0.00
   FH (H=+mm) = 0.00
Patient position = head first
   orientation = supine
Respiratory compensation = no
NSA = 3
Manual start = no

Dyn/ang
Coil selection = SENSE-head
   element selection = SENSE
   connection = d
Dual connector = no
Foldover suppression = no
Stack Offc. AP (P=+mm) = 0.00
   RL (L=+mm) = 0.00
   FH (H=+mm) = 0.00
Patient position = head first
orientation = supine
Respiratory compensation = no
NSA = 3
Manual start = no

Postproc
Coil selection = SENSE-head
element selection = SENSE
connection = d
Dual connector = no
Foldover suppression = no
Stack Offc. AP (P=+mm) = 0.00
RL (L=+mm) = 0.00
PH (H=+mm) = 0.00
Patient position = head first
orientation = supine
Respiratory compensation = no
NSA = 3
Manual start = no

Offc/ang
Coil selection = SENSE-head
element selection = SENSE
connection = d
Dual connector = no
Foldover suppression = no
Stack Offc. AP (P=+mm) = 0.00
RL (L=+mm) = 0.00
PH (H=+mm) = 0.00
Patient position = head first
orientation = supine
Respiratory compensation = no
NSA = 3
Manual start = no

Info
SAR (W/kg) / (level) = <0.3 / 0
PNS (%) / (level) = 28 % / normal
Total scan duration = 00:50.6
Act. TR/TE (ms) = 8.0 / 0.81
ACQ voxel MPS (mm) = 4.69 / 6.00 / 6.00
REC voxel MPS (mm) = 4.69 / 4.69 / 3.00
Scan percentage (%) = 78.1
Packages = 1
Act. WFS (pix) / BW (Hz) = 0.110 / 1973.9
Min. WFS (pix) / Max. BW (Hz) = 0.069 / 3125.0
Rel. signal level (%) = 100.0
ADNI, ADNI_SH, MPRAGE

Geometry
Coil selection = SENSE-head
   element selection = SENSE
   connection = d
Dual connector = no
FOV (mm) = 240.00
RFOV (%) = 100.00
Foldover suppression = no
Matrix scan = 192
reconstruction = 256
Scan percentage (%) = 100.00
SENSE = yes
   P reduction (AP) = 1.00
   S reduction (RL) = 1.00
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 = 192
   startup echoes = default
   shot interval = user defined
      (ms) = 2300.00
   profile order = linear
   turbo direction = Y
   randomized shots = no
Echoes = 1
   partial echo = no
   shifted echo = no
TE = user defined
      (ms) = 4.00
Flip angle (deg) = 8.00
TR = shortest
Half Scan = no
Water fat shift = maximum
Shim = no
SPIR = no
SPAIR = no
TFE prepulse = invert
  slice selection = no
delay = user defined
    (ms) = 1000.00
ProSet = no
MTC = no
T2prep = no
Research prepulse = no
diffusion mode = no
SAR mode = high
B1 mode = default
PNS mode = moderate
gradient mode = default
SofTone 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 = White 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
  PH (H=+mm) = 0.00
  Ang. AP (deg) = 0.00
  RL (deg) = 0.00
  PH (deg) = 0.00
Info
SAR (W/kg) / (level) = <0.1 / 0
PNS (%) / (level) = 59 % / normal
Total scan duration = 07:11.9
Act. TR/TE (ms) = 8.6 / 4.0
ACQ voxel MPS (mm) = 1.25 / 1.25 / 1.20
REC voxel MPS (mm) = 0.94 / 0.94 / 1.20
Scan percentage (%) = 100.0
TFE shots = 187
TFE dur. shot / acq (ms) = 1833.9 / 1654.7
Min. TI delay = 864.3
Act. WFS (pix) / BW (Hz) = 1.322 / 164.3
Min. WFS (pix) / Max. BW (Hz) = 0.208 / 1041.7
Min. TR/TE (ms) = 8.6 / 3.0
Rel. signal level (%) = 100.0
ADNI , ADNI_SH , Double_TSE

Geometry
Coil selection = SENSE-head
    element selection = SENSE
    connection = d
Dual connector = no
FOV (mm) = 240.00
RFOV (%) = 88.00
Foldover suppression = no
Matrix scan = 256
    reconstruction = 256
Scan percentage (%) = 100.00
SENSE = yes
    P reduction (RL) = 1.00
Stacks = 1
    type = parallel
    slices = 48
    slice thickness (mm) = 3.00
    slice gap = user defined
        gap (mm) = 0.00
    slice orientation = transverse
    foldover direction = RL
    fat shift direction = P
    use geometry = none
Minimum number of packages = 1
Slice scan order = default
PlanAlign = no
REST slabs = 0
Catheter tracking = no
Interactive positioning = no
Allow table movement = no
Patient position = head first
    orientation = supine

Contrast
Scan mode = MS
    technique = SE
Modified SE = no
Acquisition mode = cartesian
Fast Imaging mode = TSE
TSE factor = 10
    startup echoes = 0
    profile orders = default
DRIVE = no
ultrashort = no
randomized shots = no
strong FID crushing = no
Echoes = 2
    partial echo = no
TE first (ms) = user defined
    (ms) = 12.00
second (ms) = 96.00
Flip angle (deg) = 90.00
Refocusing control = no
TR = user defined
(ms) = 3000.00
Half Scan = no
Water fat shift = maximum
Shim = no
SPIR = no
SPAIR = no
BB pulse = no
ProSet = no
MTC = no
Research prepulse = no
Zoom imaging = no
diffusion mode = no
SAR mode = low
B1 mode = default
PNS mode = moderate
gradient mode = regular
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
Flow labelling = none

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

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

Info
<table>
<thead>
<tr>
<th>Parameter</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>SAR (W/kg) / (level)</td>
<td>&lt;1.1 / 0</td>
</tr>
<tr>
<td>PNS (%) / (level)</td>
<td>14 % / normal</td>
</tr>
<tr>
<td>Total scan duration</td>
<td>06:45.0</td>
</tr>
<tr>
<td>ACQ voxel MPS (mm)</td>
<td>0.94 / 0.95 / 3.00</td>
</tr>
<tr>
<td>REC voxel MPS (mm)</td>
<td>0.94 / 0.94 / 3.00</td>
</tr>
<tr>
<td>Scan percentage (%)</td>
<td>98.2</td>
</tr>
<tr>
<td>Packages</td>
<td>3</td>
</tr>
<tr>
<td>Min. slice gap (mm)</td>
<td>3.00</td>
</tr>
<tr>
<td>Optimal slices</td>
<td>42</td>
</tr>
<tr>
<td>Max. slices</td>
<td>63</td>
</tr>
<tr>
<td>WFS (pix) / BW (Hz)</td>
<td>1.337 / 162.4</td>
</tr>
<tr>
<td>TSE es / shot (ms)</td>
<td>12.0 / 120</td>
</tr>
<tr>
<td>Min. TR-SE/TR-IR/TI (ms)</td>
<td>2202 / 0.00 / 50</td>
</tr>
<tr>
<td>Rel. signal level (%)</td>
<td>100.0</td>
</tr>
</tbody>
</table>