Date_____ Magnet_____

3D FSPGR

Data Spectrum geometric phantom

Small sponge on either side
(no head sponge)
Weight = 100 lb

Series #1

Patient Position
Patient position: **Supine**
Patient entry: **Head first**
Coil: **G.E. Head**

Imaging Parameters
Plane: **Sagittal**
Mode: **2D**
Pulse sequence: **FSPGR**
Imaging options: **Fast**
PSD name (Research): **None**

Scan Timing
# of echoes: **1**
TE: **MinFull**
TR: **9 @ 1.5T (7 @ 3.0T)**
Flip angle: **15°**
Bandwidth +: **32 kHz**

Scanning Range
FOV (Field of view): **24cm**
Slice thickness: **5mm**
Spacing: **5mm**
Start: **L30** End: **R30**
Slices: **7**
FOV center: P/A = **0** I/S = **0**

Acquisition Timing
Freq: **256** Phase: **256**
NEX: **1** Phase FOV: **1**
Frequency Direction: **S/I**
Auto Center Frequency: **Water**
Autoshim = **on**

Imaging time: **00:17 @1.5T (00:13 @3T)**

Manual Gradient Shim: **N**

Autoprescan
R1:_____ R2:_____
TG:_____ CF:_____

Series #2

Imaging Parameters
Plane: **Axial** Mode: **3D**
Pulse sequence: **FSPGR**
Imaging options: **Fast, EDR, IR prep**

Scan Timing
# of echoes: **1** TE: **MinFull**
TR: **(Min)** TI: **300**
Flip Angle: **15°** BW +: **32 kHz**

Scanning Range
FOV: **20cm** Slice thick: **1.5mm**
Start & End: **Cover phantom**
(Center volume @ center of phantom)
Slices: **128**

Graphic Rx
Fallback to zero: **On**

User CV
Image Recon Scale Factor: **10**
Turbo Mode: **0**
Special: **0**

Acquisition Timing
Freq: **256** Phase: **256**
NEX: **1** Phase FOV: **1**
Freq. Dir.: **A/P** Auto CF: **Water**
Autoshim = **on**

Imaging time: **7:13 @ 1.5T (6:14 @ 3T)**

Manual Gradient Shim: **N**

Autoprescan
R1:_____ R2:_____
TG:_____ CF:_____