MFO Protocol for Education Center

Protocols	Series	Patient Position	Patient Entry	Coil	Plane	Mode	Pulse Sequence	Imaging Option	Psd Name	# of echo	TE	TR	BW	FOV	Slice Thicknss	Spacing	Freq.	Phase	Nex	Phase FOV	Freq. DIR	Auto Center	Freq. Start	End	# Slice	Scan Time	Phantom Position	Tool
Geometry Verify	Axial	Supine	Head	Head	Axial	2D	Spin Echo	None		1	20	300	15.63	24	10	1.5	256	256	1	1	R/L	Peak	0(S/I)	0	1	1:23	Alignment Position=0mm	
	Coronal	Supine	Head	Head	Coronal	2D	Spin Echo	None		1	20	300	15.63	24	10	1.5	256	256	1	1	S/I	Peak	0(A/P)	0	1	1:23	Same as above	
Grafidy	grafidy	Supine	Head	Head	Coronal	2D	Spin Echo	None	Grafidy	1																1:20		
DQA	dqa xfield cal	Supine	Head	Head	Coronal	2D	Spin Echo	None		1	25	300	15.63	24	3	1.5	512	256	1	1	R/L	Peak	0(A/P)	0	1	1:23	Alignment Position=0mm	Use DQA in Cal/Check
	dqa yfield cal	Supine	Head	Head	Coronal	2D	Spin Echo	None		1	25	300	15.63	24	3	1.5	512	256	1	1	S/I	Peak	0(A/P)	0	1	1:23	Same as above	Same as above
	dqa zfield cal	Supine	Head	Head	Axial	2D	Spin Echo	None		1	25	300	15.63	24	3	1.5	512	256	1	1	A/P	Peak	0(S/I)	0	1	1:23	Same as above	Same as above
	dqa isoz cal	Supine	Head	Head	Axial	2D	Spin Echo	None		1	25	300	15.63	24	3	1.5	512	256	1	1	A/P	Peak	0(S/I)	0	1	1:23	Same as above	Same as above
Sys Gain Cal	Sys Gain Cal A-clas	Supine	Head	Head	Axial	2D	Spin Echo	None		1	25	700	15.63	24	5	1.5	256	128	1	1	A/P	Peak	I20	I20	1	1:39	Alignment Position=0mm	Systm gain in Cal/Check
SPT Sys Gain Cal	SPT																											
SNR Head A-class	DQA A-class	Supine	Head	Head	Axial	2D	Spin Echo	None		1	25	500	10.42	25	5	0	256	256	1	1	A/P	Peak	I20	I20	1	2:16	Alignment Position=0mm	Browser : SNR= 147.24(1227/11.75*1.41) Nema : SNR 58.3(1173/20.14) 80%Area DQA:NG
SPT SNR Head	FSE T1 Quick Noise																											
System Check Heas	Slice Offset	Supine	Head	Head	Axial	2D	Spin Echo	None		1	25	300	15.63	24	3	1.5	512	256	1	1	A/P	Peak	I50	S50	2	1:23		Use DQA in Cal/Check(Iso-center)
	Ghost	Supine	Head	Head	Axial	2D	Spin Echo	None		1	100	300	2.23	40	20	140	256	256	1	1	L/R	Peak	I80	S80	2	1:23	DQA	Profile/Contour Namual Measurement
	Noise	Supine	Head	Head	Axial	2D	GRE	None		1(Flip-A)	MinFull	100	31.25	21	9	0	256	256	8	1	A/P	Peak	0	0	1	3.28	No Phantom	R1/R2/TG=13/15/1 fo= 14.84 , 14.86 rawmode=1 in modify CV
	Spike Noise	Supine	Head	Head	Axial	2D	GRE	None		1(Flip-A)	MinFull	100	31.25	21	9	0	256	256	8	1	A/P	Peak	0	0	1	3.28	No Phantom	R1/R2/TG=13/15/1 fo= 14.84 , 14.86
Quick Noise Ix																												