

Tagger Magnet Mapping Hall probe calibration 1-16-2014 at 0,0							
	Hall Probe						Power Supply
NMR (T)	#1 (T)	#2 (T)	#3 (T)	#4 (T)	#5 (T)	#6 (T)	PPM
1.7541							999999
1.7000	1.7012	1.7019	1.7015	1.6992	1.7015	1.7021	921500
1.5001	1.5012	1.5019	1.5016	1.4995	1.5017	1.5020	739250
0.7502	0.7506	0.7511	0.7511	0.7503	0.7512	0.7512	359700
0.1002	0.1002	0.1003	0.1003	0.1002	0.1007	0.1003	45750
0.0536	0.0537	0.0537	0.0537	0.0536	0.0541	0.0537	23000

	Scaled: Hall Probe/(PPM/1E6)						Power Supply
NMR (T)	#1 (T)	#2 (T)	#3 (T)	#4 (T)	#5 (T)	#6 (T)	PPM/1E6
1.7541							0.999999
1.7000	1.8461	1.8469	1.8464	1.8440	1.8464	1.8471	0.921500
1.5001	2.0307	2.0317	2.0312	2.0284	2.0314	2.0318	0.739250
0.7502	2.0867	2.0881	2.0881	2.0859	2.0884	2.0884	0.359700
0.1002	2.1902	2.1923	2.1923	2.1902	2.2011	2.1923	0.045750
0.0536	2.3348	2.3348	2.3348	2.3304	2.3522	2.3348	0.023000



Tosca field at center Scale factor = 3.9700E-05

B nominal	NI(Amp-t)	B_calc(T)	B/NI	Scaled
0.6000	7241.67	0.60008	8.2865E-05	2.0873
0.9000	10880.06	0.89992	8.2713E-05	2.0834
1.2000	14573.25	1.20001	8.2343E-05	2.0741
1.4000	17152.56	1.40003	8.1622E-05	2.0560
1.5000	18643.50	1.50328	8.0633E-05	2.0311
1.6000	20393.10	1.60005	7.8460E-05	1.9763
1.7000	23051.25	1.70052	7.3771E-05	1.8582



Scale factor makes B/NI ratios agree at 1.5 T

Probe data points connected by straight lines, Tosca points connected by curves:

