

RSNA QIBA Phantom Baseline Scan - Preliminary T1 analyses

Scan Date: 2/15/09

Phantom: S/N 066002

Coil: Body Array
8CHBODY#23 S/N 1747

Scanner: AMR3 (1.5T GE HD w/CRM)
OS version: 12.0_M4_0520.a

Room Temp: 22.4 °C

Sample #	Theoretical T1 (ms)	Pos A IR T1 (ms)	Pos A VFA T1 (ms)	Pos B VFA T1 (ms)	Pos C VFA T1 (ms)	Pos D VFA T1 (ms)	Pos A' VFA T1 (ms)	Mean VFA T1 (ms)	Stdev VFA T1 (ms)	CV% VFA T1
1	260.0	389.70	407.01	428.84	444.64	451.12	416.34	429.59	18.55	4.32
2	417.5	522.58	563.90	547.97	583.37	595.17	578.47	573.78	18.27	3.18
3	644.3	759.61	826.41	829.69	829.00	823.69	848.76	831.51	9.93	1.19
4	295.0	297.52	338.26	335.20	319.45	341.99	344.35	335.85	9.81	2.92
5	532.2	624.26	657.57	698.92	720.99	688.93	657.78	684.84	27.38	4.00
6	335.1	340.11	352.23	354.24	381.45	390.50	363.24	368.33	16.94	4.60
7	385.7	445.79	494.31	499.04	477.71	475.90	499.75	489.34	11.65	2.38
8	804.5	958.90	1164.20	1070.32	1028.32	1105.29	1182.23	1110.07	64.08	5.77

from IRAT Docs

- Pos A: "I" marking toward end of table (facing away from magnet)
- Pos B: "L" marking toward end of table (+90 deg rotation relative to Pos A)
- Pos C: "S" marking toward end of table (+180 deg rotation relative to Pos A)
- Pos D: "R" marking toward end of table (+270 deg rotation relative to Pos A)
- Pos A': "I" marking toward end of table (+360 deg rotation relative to Pos A)