

**BM1 Matching Cell A s/n 1**

Date 12/12/02

TB1	-61.6835	0.0066	4.4209
TB2	-61.6980	4.4135	4.4211
TB3	-28.1564	0.0267	4.3690
TB4	2.9199	4.6076	2.3917
TB5	36.6816	-4.9378	4.4384
TB6	38.0820	4.4437	4.4441
TB7	62.5329	-0.6600	2.2820
TB8	66.7720	-9.3246	4.3810
TB9	68.3268	1.7895	4.3779
TB10	85.8644	-19.8022	4.3753
TB11	88.5328	-0.6808	4.3927

Date 2/21/03

USTopPin	-65.7045	1.8394	2.3004
	-65.7000	1.8360	2.2820
	-0.0045	0.0034	0.0184

V4TopPin	90.8452	0.0047	2.2816
	90.7680	0.0000	2.2820
	0.0772	0.0047	-0.0004

V4BottomPin	90.8251	0.0056	-2.2820
	90.7680	0.0000	-2.2820
	0.0571	0.0056	0.0000

USInnerChamber	-65.4004	-1.4040	-0.0372
	-65.4000	-1.4040	0.0000
	-0.0004	0.0000	-0.0372

DSinnerChamber	67.6338	-1.4170	0.0709
	67.6000	-1.4040	0.0000
	0.0338	-0.0130	0.0709

V4InnerChamber	90.5388	-1.3995	-0.0383
	90.7680	-1.4040	0.0000
	-0.2292	0.0045	-0.0383

USFlange	-65.1892	1.8310	0.0102
	-65.2000	1.8360	0.0000
	0.0108	-0.0050	0.0102

V4Flange	90.259	0.008	-0.003
	90.768	0.000	0.000
	-0.509	0.008	-0.003

USZ	-66.224	0.000	0.000
	-66.224	0.000	0.000
	0.000	0.000	0.000

DSZ	68.9211	0.0000	0.0000
	69.0230	0.0000	0.0000
	-0.1019	0.0000	0.0000

V4Z	91.3697	0.0000	0.0000
	91.4670	0.0000	0.0000
	-0.0973	0.0000	0.0000

USYaw	4.6001
USPitch	-1.5982
USDiameter	11.4712

V4Yaw	-2.5275
V4Pitch	4.3001
V4Diameter	11.4758

Measured twice (V4 cut off and redone)