

BM1 Matching Cell A s/n 2

Date 12/14/02

TB1	-61.7067	-0.0447	4.4143
TB2	-61.7465	4.4733	4.4142
TB3	-28.1487	0.0812	4.3762
TB4	2.8662	4.6575	2.3752
TB5	36.6277	-5.0630	4.3870
TB6	37.9441	4.2356	4.3795
TB7	62.5409	-0.6362	2.2602
TB8	66.7634	-9.3222	4.3879
TB9	68.3010	1.7976	4.3874
TB10	85.8518	-19.7694	4.3735
TB11	88.6294	-0.6664	4.3850

USTopPin	-65.7102	1.8404	2.2878
	-65.7000	1.8360	2.2820
	-0.0102	0.0044	0.0058

USInnerChamber	-65.3871	-1.4040	0.0358
	-65.4000	-1.4040	0.0000
	0.0129	0.0000	0.0358

USFlange	-65.4483	1.8349	-0.0047
	-65.2000	1.8360	0.0000
	-0.2483	-0.0011	-0.0047

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

USYaw	9.7225
USPitch	-1.5693
USDiameter	11.4693

DSinnerChamber	67.7117	-1.4070	0.0130
	67.6000	-1.4040	0.0000
	0.1117	-0.0030	0.0130

DSZ	68.9247	0.0000	0.0000
	69.0230	0.0000	0.0000
	-0.0983	0.0000	0.0000

Date 2/25/03

V4TopPin	90.8698	-0.0010	2.2808
	90.7680	0.0000	2.2820
	0.1018	-0.0010	-0.0012

V4BottomPin	90.8694	0.0004	-2.2822
	90.7680	0.0000	-2.2820
	0.1014	0.0004	-0.0002

V4InnerChamber	90.5276	-1.4059	0.0288
	90.7680	-1.4040	0.0000
	-0.2404	-0.0019	0.0288

V4Flange	90.007	0.005	-0.010
	90.768	0.000	0.000
	-0.761	0.005	-0.010

V4Z	91.4035	0.0000	0.0000
	91.4670	0.0000	0.0000
	-0.0635	0.0000	0.0000

V4Yaw	-6.2694
V4Pitch	0.0899
V4Diameter	11.4688

Measured twice (V4 cut off and redone)