

表 11-3 测量螺线管轴线上磁感应强度分布数据记录表

(IM = 0.800 A, Is = 8.00 mA)

Im	U1/mv	U2/mv	U3/mv	U4/mv	UH/mv	B/kgs
	+I <sub>s1</sub> +B	+I <sub>s1</sub> -B	-I <sub>s1</sub> -B	-I <sub>s1</sub> +B		
-14.00	3.37	-5.21	5.22	-3.41	4.30	0.0286
-13.50	4.64	-6.37	6.41	-4.60	5.51	0.0366
-13.00	5.65	-7.46	7.48	-5.62	6.55	0.0436
-12.50	6.57	-8.41	8.44	-6.56	7.50	0.0498
-12.00	7.41	-9.22	9.24	-7.38	8.31	0.0553
-9.00	9.35	-11.14	11.17	-9.32	10.25	0.0681
-6.00	9.74	-11.52	11.56	-9.70	10.63	0.0707
-3.00	9.81	-11.62	11.64	-9.80	10.72	0.0713
0.00	9.85	-11.67	11.69	-9.87	10.77	0.0716
3.00	9.90	-11.71	11.75	-9.89	10.81	0.0719
6.00	9.85	-11.64	11.67	-9.83	10.75	0.0715
9.00	9.58	-11.33	11.37	-9.53	10.45	0.0695
12.00	8.18	-9.97	9.99	-8.16	9.08	0.0603
12.50	7.65	-9.40	9.44	-7.63	8.53	0.0567
13.00	6.97	-8.72	8.75	-6.94	7.85	0.0522
13.50	5.97	-7.73	7.76	-5.97	6.86	0.0456
14.00	4.94	-6.70	6.72	-4.92	5.82	0.0387