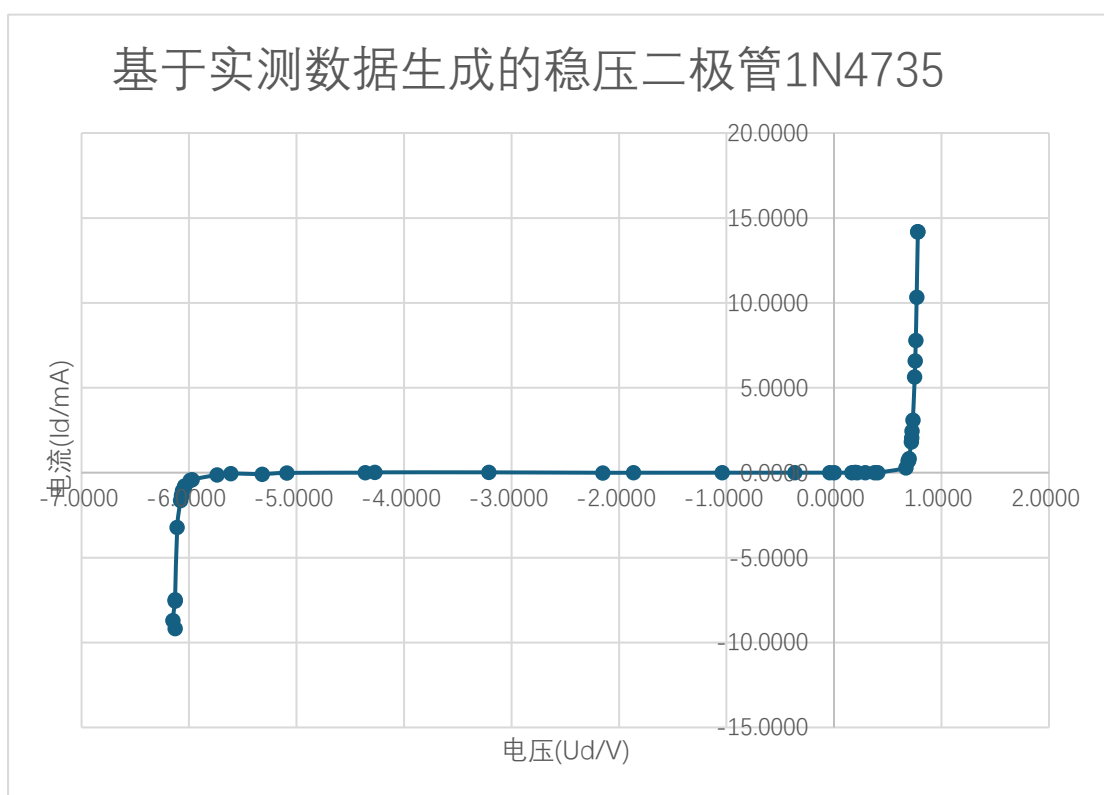


## 附录 2.2 EXCEL 环境下基于实际操作数据生成的稳压二极管的伏安特性曲线

附表 2.2 基于实际操作测量获取的稳压二极管伏安特性数据

采样点	电压(Uin/V)	电压(Ud/V)	电流(Id/mA)
1	-15.3000	-6.1300	-9.1700
2	-14.8500	-6.1500	-8.7000
3	-13.6800	-6.1300	-7.5500
4	-13.6000	-6.1300	-7.4700
5	-9.3300	-6.1100	-3.2200
6	-7.7200	-6.0800	-1.6400
7	-7.4600	-6.0700	-1.3900
8	-7.3800	-6.0700	-1.3100
9	-7.1100	-6.0600	-1.0500
10	-6.8300	-6.0400	-0.7900
11	-6.8200	-6.0400	-0.7800
12	-6.4300	-5.9900	-0.4400
13	-6.3700	-5.9700	-0.4000
14	-5.8700	-5.7400	-0.1300
15	-5.6600	-5.6100	-0.0500
16	-5.4000	-5.3200	-0.0800
17	-5.1000	-5.0900	-0.0100
18	-4.3600	-4.3600	0.0000
19	-4.2500	-4.2700	0.0200
20	-3.1900	-3.2100	0.0200
21	-2.1560	-2.1520	-0.0040
22	-1.8680	-1.8650	-0.0030
23	-1.0400	-1.0390	-0.0010
24	-0.3640	-0.3640	0.0000
25	-0.0400	-0.0400	0.0000
26	0.0020	0.0020	0.0000
27	0.1620	0.1650	-0.0030
28	0.2170	0.2170	0.0000
29	0.2180	0.2000	0.0180
30	0.2900	0.2910	-0.0010
31	0.3760	0.3760	0.0000
32	0.4100	0.4080	0.0020
33	0.9550	0.6680	0.2870
34	1.3950	0.6910	0.7040
35	1.3980	0.6930	0.7050
36	1.5410	0.6980	0.8430
37	2.5320	0.7190	1.8130

38	2.7850	0.7220	2.0630
39	3.1870	0.7270	2.4600
40	3.8390	0.7340	3.1050
41	6.4000	0.7510	5.6490
42	7.3300	0.7550	6.5750
43	8.5600	0.7610	7.7990
44	11.1100	0.7690	10.3410
45	14.9600	0.7800	14.1800
46	14.9700	0.7800	14.1900



附图 2.1 基于实测数据生成的稳压二极管 1N4735 伏安特性曲线