







Current (micro-Amp) 20 10 15 25 30 <u>ω</u> σ 0 Observations Smoothing 0.5 x=0.495 x=1.25 Length (mili-meter) 1.5 2.5 ω

Current (micro-Amp) vs Length (milimeter) | Liquid

	CSR (mm)	MSR (mm)	Total (mm)	Current (uA)
0	9	0	0.09	10
1	20	0	0.2	13
2	25	0	0.25	15
3	30	0	0.3	17
4	34	0	0.34	20
5	36	0	0.36	22
6	38	0	0.38	24
7	39	0	0.39	26
8	40	0	0.4	28
9	41	0	0.41	30
10	41	0	0.41	32
11	44	0	0.44	34
12	49	0	0.49	36
13	4	0.5	0.54	37
14	4	0.5	0.54	33
15	4	0.5	0.54	30
16	5	0.5	0.55	28
	5		0.55	
17		0.5		25
18	7	0.5	0.57	17 15
19	7	0.5	0.57	15
20	10	0.5	0.6	10
21	14	0.5	0.64	8
22	18	0.5	0.68	6
23	24	0.5	0.74	5
24	32	0.5	0.82	7
25	40	0.5	0.9	9
26	47	0.5	0.97	11
27	50	0.5	1	13
28	6	1	1.06	15
29	9	1	1.09	17
30	12	1	1.12	20
31	14	1	1.14	22
32	15	1	1.15	25
33	17	1	1.17	29
34	19	1	1.19	32
35	20	1	1.2	33
36	25	1	1.25	34
37	27	1	1.27	36
38	29	1	1.29	33
39	30	1	1.3	30
40	30	1	1.3	28
41	31	1	1.31	25
42	33	1	1.33	18
43	34	1	1.34	16
44	35	1	1.35	14
45	34	1	1.34	12
46	36	1	1.36	10
47	39	1	1.39	8
48	42	1	1.42	6

49	45	1	1.45	5
50	2	1.5	1.52	4
51	5	1.5	1.55	6
52	11	1.5	1.61	8
53	18	1.5	1.68	10
54	24	1.5	1.74	12
55	30	1.5	1.8	14
56	33	1.5	1.83	16
57	36	1.5	1.86	18
58	38	1.5	1.88	20
59	39	1.5	1.89	22
60	40	1.5	1.9	24
61	41	1.5	1.91	26
62	44	1.5	1.94	31
63	3	2	2.03	32
64	5	2	2.05	29
65	6	2	2.06	27
66	6	2	2.06	25
67	7	2	2.07	22
68	8	2	2.08	17
69	9	2	2.09	15
70	10	2	2.1	13
71	11	2	2.11	10
72	13	2	2.13	8
73	15	2	2.15	6
74	31	2	2.31	4
75	40	2	2.4	7
76	48	2	2.48	9
77	4	2.5	2.54	11
78	7	2.5	2.57	13
79	10	2.5	2.6	15
80	12	2.5	2.62	17
81	14	2.5	2.64	19
82	15	2.5	2.65	21
83	16	2.5	2.66	23
84	17	2.5	2.67	25
85	17	2.5	2.67	27
86	18	2.5	2.68	29
87	19	2.5	2.69	31
88	20	2.5	2.7	33
89	23	2.5	2.73	31
90	25	2.5	2.75	28
91	30	2.5	2.8	27
92	33	2.5	2.83	24
93	34	2.5	2.84	22
94	36	2.5	2.86	19
95	36	2.5	2.86	17
96	37	2.5	2.87	15
97	38	2.5	2.88	13
98	39	2.5	2.89	11

99	40	2.5	2.9	9
100	41	2.5	2.91	7
101	43	2.5	2.93	5
102	47	2.5	2.97	4
103	9	3	3.09	5
104	16	3	3.16	7