

S1: Table shows critical electric field for dielectric of varied thickness.

Sample No.	Dielectric thickness (<i>d</i>) μm	Critical voltage (V)	Critical Electric field ($\text{V}\mu\text{m}^{-1}$)	EW number η
1	2.98	+38	13	0.14
		-39	13	0.15
2	4.7	+43	10	0.12
		-40	9	0.1
3	4.3	+45	11	0.14
		-46	10	0.14
4	5.6	+60	11	0.19
		-56	10	0.16