

Parameter values													
Experiment	$E^0\mu$ (V)	$E^0\sigma$ (V)	$k_0(s^{-1})$	Ru (Ω)	C_{dl} (F)	C_{dlE1}	C_{dlE2}	C_{dlE3}	$\Gamma(molcm^{-2})$	ω (Hz)	C_{dl} phase (rads)	Phase (rads)	α
Ramped experiment	-0.065	0.026	48.174	68.302	4.715E-5	0.043	-4.700E-3	0	2.190E-11	8.959	0.928	0	0.559
Experiment 1 set 1	-0.083	0.038	4.636	153.108	9.792E-5	-0.092	8.597E-5	8.294E-5	2.780E-11	9.015	5.467	5.263	0.6
Experiment 1 set 2	-0.059	0.013	569.877	137.372	8.890E-4	8.341E-3	1.072E-3	4.965E-5	5.275E-11	9.015	4.449	5.025	0.582
Experiment 1 set 3	-0.081	0.021	63.02	112.807	7.989E-4	-8.716E-3	1.265E-3	-2.601E-5	2.968E-11	9.015	5.495	5.193	0.6
Experiment 2 set 1	-0.079	0.021	68.532	139.232	5.000E-4	-9.044E-3	1.472E-3	-3.073E-5	2.401E-11	9.015	5.362	5.099	0.6
Experiment 2 set 2	-0.077	0.027	124.682	82.652	7.178E-4	-5.485E-3	1.263E-3	-1.722E-5	2.000E-11	9.015	5.27	4.961	0.6
Experiment 2 set 3	-0.068	0.019	611.918	57.881	9.976E-4	8.787E-3	1.105E-3	1.499E-5	2.218E-11	9.015	2.733	4.495	0.6