

Parameter values													
Experiment	$E^0\mu$ (V)	$E^0\sigma$ (V)	$k_0(s^{-1})$	Ru (Ω)	C_{dl} (F)	C_{dlE1}	C_{dlE2}	$\Gamma(mol\ cm^{-2})$	ω (Hz)	Phase (rads)	Capacitance phase (rads)	α	Error (mA)
Low R_u 1	0.232	0.067	174.38	150.0	7.637E-5	8.372E-3	-6.520E-4	6.387E-11	8.941	4.739	4.23	0.65	9.788E-7
Low R_u 2	0.229	0.069	221.296	150.0	7.657E-5	7.121E-3	-6.301E-4	6.602E-11	8.941	4.724	4.234	0.65	8.355E-7
Low R_u 3	0.23	0.069	222.765	150.0	7.609E-5	7.070E-3	-6.224E-4	6.577E-11	8.941	4.725	4.235	0.65	8.481E-7
Low R_u 4	0.23	0.069	229.149	150.0	7.582E-5	6.936E-3	-6.173E-4	6.557E-11	8.941	4.723	4.235	0.65	8.436E-7
Low R_u 5	0.229	0.069	254.485	150.0	7.584E-5	6.383E-3	-6.028E-4	6.606E-11	8.941	4.716	4.235	0.65	8.019E-7
Low R_u 6	0.228	0.07	266.695	150.0	7.589E-5	5.989E-3	-5.936E-4	6.635E-11	8.941	4.715	4.236	0.65	7.773E-7
Low R_u 7	0.227	0.07	273.134	150.0	7.579E-5	5.836E-3	-5.899E-4	6.623E-11	8.941	4.714	4.236	0.65	7.710E-7
Low R_u 8	0.227	0.07	274.45	150.0	7.560E-5	5.723E-3	-5.851E-4	6.601E-11	8.941	4.712	4.235	0.65	7.665E-7
Low R_u 9	0.227	0.07	283.342	150.0	7.549E-5	5.486E-3	-5.773E-4	6.601E-11	8.941	4.71	4.235	0.65	7.510E-7
Low R_u 10	0.227	0.07	270.742	150.0	7.514E-5	5.647E-3	-5.782E-4	6.547E-11	8.941	4.712	4.235	0.65	7.717E-7
High R_u 1	0.231	0.041	177.789	617.179	7.696E-5	3.951E-3	-4.393E-4	7.390E-11	8.941	4.985	4.365	0.65	9.060E-7
High R_u 2	0.227	0.048	189.884	503.68	7.690E-5	4.046E-3	-4.785E-4	7.294E-11	8.941	4.93	4.335	0.65	7.651E-7
High R_u 3	0.228	0.047	193.448	520.825	7.647E-5	3.821E-3	-4.625E-4	7.291E-11	8.941	4.938	4.341	0.65	7.759E-7
High R_u 4	0.228	0.047	196.698	525.882	7.621E-5	3.632E-3	-4.548E-4	7.273E-11	8.941	4.938	4.342	0.65	7.700E-7
High R_u 5	0.226	0.049	201.598	497.569	7.619E-5	3.429E-3	-4.567E-4	7.233E-11	8.941	4.923	4.334	0.65	7.302E-7
High R_u 6	0.225	0.05	204.178	479.457	7.621E-5	3.264E-3	-4.582E-4	7.212E-11	8.941	4.914	4.329	0.65	7.072E-7
High R_u 7	0.265	0.095	10.0	33.537	8.907E-5	0.077	-4.254E-3	1.173E-10	8.941	1.262	4.18	0.471	1.594E-6
High R_u 8	0.225	0.051	206.872	474.453	7.591E-5	3.082E-3	-4.537E-4	7.156E-11	8.941	4.91	4.327	0.65	6.972E-7
High R_u 9	0.255	0.098	179.617	2.422E-7	8.574E-5	0.079	-4.347E-3	9.962E-11	8.941	0.86	4.181	0.537	1.652E-6
High R_u 10	0.225	0.051	208.301	481.392	7.546E-5	2.975E-3	-4.452E-4	7.108E-11	8.941	4.911	4.328	0.65	7.017E-7
Fixed R_u 1	0.235	0.073	281.554	65.0	7.625E-5	9.277E-3	-6.967E-4	6.275E-11	8.941	4.654	4.205	0.65	1.011E-6
Fixed R_u 2	0.232	0.073	335.903	65.0	7.651E-5	8.117E-3	-6.800E-4	6.457E-11	8.941	4.648	4.209	0.65	8.616E-7
Fixed R_u 3	0.233	0.073	343.621	65.0	7.602E-5	8.026E-3	-6.699E-4	6.445E-11	8.941	4.648	4.211	0.65	8.733E-7
Fixed R_u 4	0.253	0.104	137.115	65.0	8.792E-5	0.084	-4.542E-3	1.236E-10	8.941	0.874	4.196	0.527	1.668E-6
Fixed R_u 5	0.231	0.073	389.099	65.0	7.578E-5	7.352E-3	-6.511E-4	6.470E-11	8.941	4.641	4.211	0.65	8.244E-7
Fixed R_u 6	0.23	0.073	387.212	65.0	7.586E-5	6.920E-3	-6.408E-4	6.492E-11	8.941	4.644	4.211	0.65	7.994E-7
Fixed R_u 7	0.23	0.073	392.429	65.0	7.576E-5	6.757E-3	-6.369E-4	6.482E-11	8.941	4.644	4.212	0.65	7.927E-7
Fixed R_u 8	0.23	0.074	399.399	65.0	7.557E-5	6.641E-3	-6.319E-4	6.462E-11	8.941	4.641	4.211	0.65	7.875E-7
Fixed R_u 9	0.229	0.074	404.307	65.0	7.547E-5	6.384E-3	-6.234E-4	6.461E-11	8.941	4.64	4.211	0.65	7.719E-7
Fixed R_u 10	0.23	0.074	412.049	65.0	7.509E-5	6.539E-3	-6.233E-4	6.425E-11	8.941	4.639	4.211	0.65	7.917E-7