

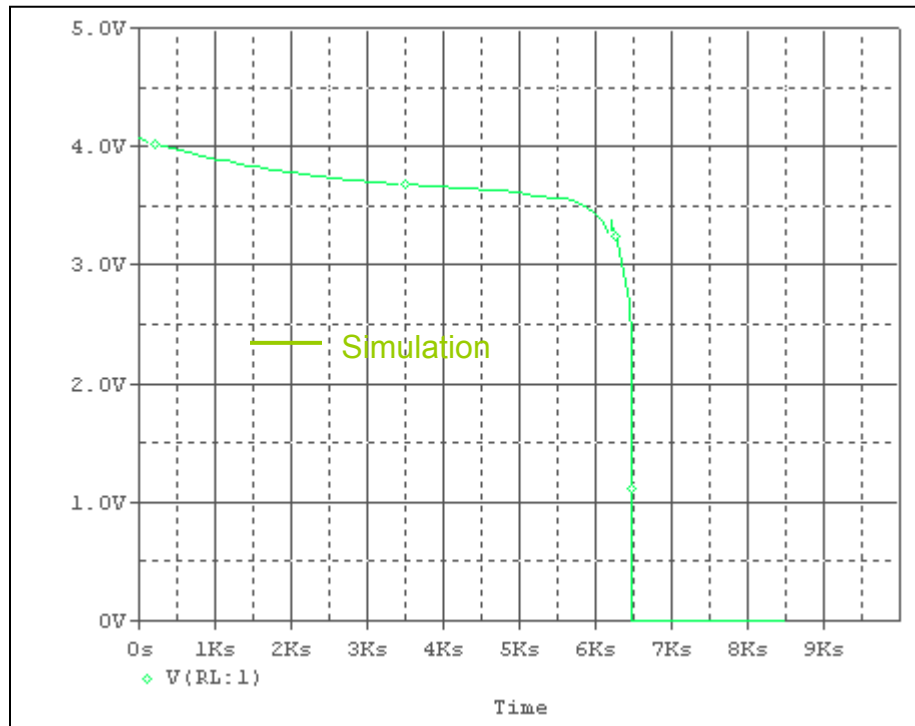
Device Modeling Report

COMPONENTS: Lithium-ion
PART NUMBER:BLB-2
MANUFACTURER: NOKIA
CONDITION :RL= 10 (Ω)



Bee Technologies Inc.

Simulation result



Comparison Table

Time(ksec)	Vdc(V) Measurement	Vdc(V) Simulation	%Error
0.00	4.07886	4.0702	-0.21231
0.05	4.07689	4.0637	-0.32353
0.10	4.04765	4.0481	0.01112
0.15	4.03240	4.0388	0.15871
0.20	4.02168	4.0297	0.19942
0.25	4.01272	4.0207	0.19887
0.30	4.00449	4.0118	0.18255
0.35	3.99654	4.0031	0.16414
0.40	3.98886	3.9916	0.06869
0.45	3.98144	3.9860	0.11453
0.50	3.97448	3.9749	0.01057
0.55	3.96816	3.9667	-0.03679
0.60	3.96233	3.9696	0.18348
0.65	3.95669	3.9507	-0.15139
0.70	3.95078	3.9404	-0.26273
0.75	3.94417	3.9353	-0.22489
0.80	3.93639	3.9253	-0.28173
0.85	3.92712	3.9179	-0.23478
0.90	3.91655	3.9107	-0.14937
0.95	3.90536	3.9036	-0.04507
1.00	3.89438	3.8967	0.05957
1.10	3.87549	3.8810	0.14218
1.20	3.86103	3.8681	0.18311
1.30	3.84965	3.8557	-0.15716
1.40	3.83970	3.8438	-0.10678
1.50	3.83015	3.8307	-0.01436
1.60	3.82061	3.8200	0.01597
1.70	3.81099	3.8082	0.07321
1.80	3.80123	3.7986	0.06919
1.90	3.79145	3.7896	0.04879
2.00	3.78180	3.7832	-0.03702
2.10	3.77243	3.7735	-0.02836
2.20	3.76339	3.7628	0.01568
2.30	3.75478	3.7541	0.01811
2.40	3.74647	3.7447	0.04724
2.50	3.73855	3.7371	0.03879
2.60	3.73105	3.7300	0.02814
2.70	3.72389	3.7222	0.04538
2.80	3.71717	3.7159	0.03417
2.90	3.71076	3.7100	0.02048
3.00	3.70463	3.7044	0.00621

3.10	3.69867	3.6982	0.01271
3.20	3.69310	3.6932	-0.00271
3.30	3.68781	3.6884	-0.01600
3.40	3.68275	3.6832	-0.01222
3.50	3.67811	3.6788	-0.01876
3.60	3.67369	3.6746	-0.02477
3.70	3.66952	3.6699	-0.01036
3.80	3.66556	3.6660	-0.01200
3.90	3.66193	3.6621	-0.00464
4.00	3.65836	3.6583	0.00164
4.20	3.65130	3.6500	0.03560
4.40	3.64382	3.6415	0.06367
4.60	3.63532	3.6326	0.07482
4.80	3.62483	3.6236	0.03393
5.00	3.61132	3.6146	-0.09083
5.20	3.59363	3.5831	0.29302
5.40	3.57167	3.5711	0.01596
5.60	3.54798	3.5564	-0.23732
5.80	3.51204	3.5127	-0.01879
6.00	3.43847	3.4254	0.38011
6.20	3.25767	3.2612	-0.10836
6.30	3.06903	3.1821	-3.68423
6.40	2.71544	2.8338	-4.35878
6.41	2.67051	2.7863	-4.33588
6.42	2.62346	2.7388	-4.39648
6.43	2.57415	2.6913	-4.55102
6.44	2.52217	2.6280	-4.19599
6.45	2.46730	2.5805	-4.58801
6.46	2.40929	2.5172	-4.47891
6.47	2.34809	2.2955	2.23969
6.48	0.00000	0.0000	0
6.49	0.00000	0.0000	0
6.50	0.00000	0.0000	0
6.70	0.00000	0.0000	0
6.90	0.00000	0.0000	0
7.10	0.00000	0.0000	0
7.30	0.00000	0.0000	0
7.50	0.00000	0.0000	0
8.00	0.00000	0.0000	0
8.50	0.00000	0.0000	0

Comparison Graph

