

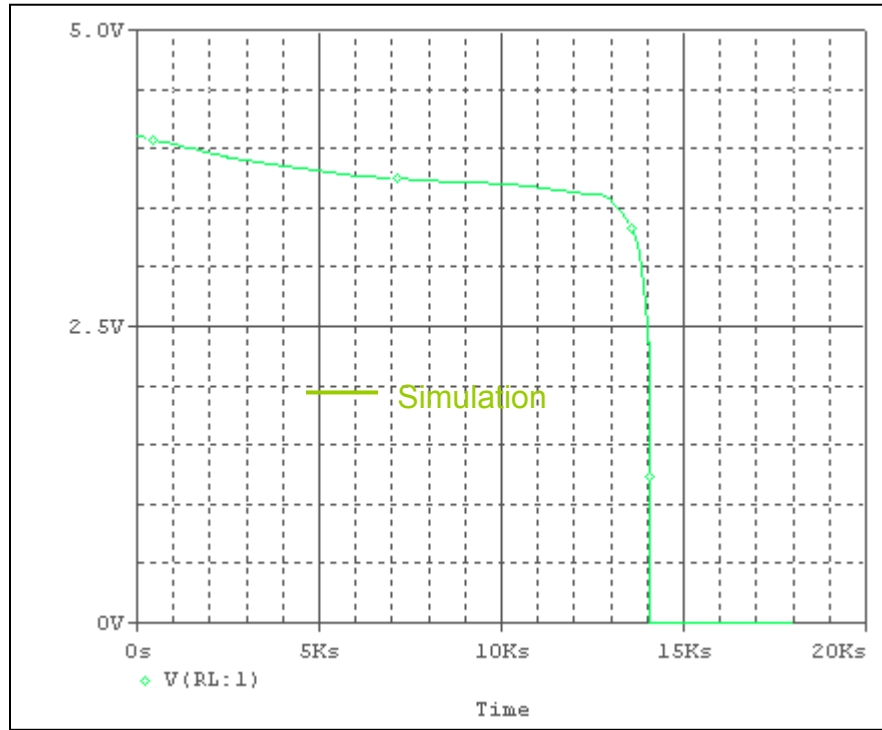
Device Modeling Report

COMPONENTS: Lithium-ion
PART NUMBER:BLB-2
MANUFACTURER: NOKIA
CONDITION :RL= 22 (Ω)



Bee Technologies Inc.

Simulation result



Comparison Table

Time(kSeconds)	Vdc(V) Measurement	Vdc(V) Simulation	% Error
0	4.11000	4.1064	-0.08759
0.05	4.10000	4.1018	0.04390
0.1	4.10000	4.0972	-0.06829
0.2	4.09000	4.0904	0.00978
0.3	4.08000	4.0830	0.07353
0.4	4.07000	4.0760	0.14742
0.5	4.07000	4.0690	-0.02457
0.6	4.06000	4.0619	0.04680
0.7	4.05000	4.0549	0.12099

0.8	4.05000	4.0479	-0.05185
0.9	4.04000	4.0409	0.02228
1	4.03000	4.0338	0.09429
1.1	4.03000	4.0206	-0.23325
1.2	4.02000	4.0175	-0.06219
1.3	4.02000	4.0104	-0.23881
1.4	4.01000	4.0034	-0.16459
1.5	4.01000	3.9964	-0.33915
1.6	4.00000	3.9894	-0.26500
1.7	3.99000	3.9823	-0.19298
1.8	3.98000	3.9715	-0.21357
1.9	3.97000	3.9683	-0.04282
2	3.96000	3.9552	-0.12121
2.1	3.95000	3.9519	0.04810
2.2	3.94000	3.9449	-0.12437
2.3	3.93000	3.9379	-0.20102
2.4	3.93000	3.9297	0.00763
2.5	3.92000	3.9201	-0.00255
2.6	3.92000	3.9155	0.11480
2.7	3.91000	3.9113	-0.03325
2.8	3.91000	3.9070	0.07673
2.9	3.90000	3.9028	-0.07179
3	3.90000	3.8985	0.03846
3.1	3.89000	3.8929	-0.07455
3.2	3.89000	3.8886	0.03599
3.3	3.89000	3.8844	0.14396
3.4	3.88000	3.8801	-0.00258
3.5	3.88000	3.8759	0.10567
3.6	3.87000	3.8716	-0.04134
3.7	3.87000	3.8674	0.06718
3.8	3.86000	3.8631	-0.08031
3.9	3.86000	3.8589	0.02850
4	3.85000	3.8546	-0.11948
4.5	3.83000	3.8319	-0.04961
5	3.81000	3.8107	-0.01837
6	3.77000	3.7658	0.11141
6.5	3.76000	3.7597	0.00798
7	3.75000	3.7500	0.00000
7.5	3.74000	3.7397	0.00802
8	3.73000	3.7300	0.00000
8.5	3.72000	3.7197	0.00806
9	3.71000	3.7100	0.00000
9.5	3.71000	3.7094	0.01617
10	3.70000	3.7017	-0.04595
10.5	3.69000	3.6876	0.06504

11	3.67000	3.6705	-0.01362
11.5	3.65000	3.6498	0.00548
12	3.63000	3.6298	0.00551
12.5	3.61000	3.6107	-0.01939
13	3.56000	3.5625	-0.07022
13.5	3.37000	3.3499	0.59644
13.6	3.30000	3.3008	-0.02424
13.7	3.22000	3.2183	0.05280
13.8	3.09000	3.1372	-1.52751
13.9	2.85000	2.8496	0.01404
14	2.49000	2.5156	-1.02811
14.01	2.46000	2.4665	-0.26423
14.02	2.42000	2.4338	-0.57025
14.03	2.38000	2.3847	-0.19748
14.04	2.34000	2.3520	-0.51282
14.05	0.00000	0.0000	0
14.1	0.00000	0.0000	0
14.5	0.00000	0.0000	0
15	0.00000	0.0000	0
15.5	0.00000	0.0000	0
16	0.00000	0.0000	0
16.5	0.00000	0.0000	0
17	0.00000	0.0000	0
17.5	0.00000	0.0000	0
18	0.00000	0.0000	0

Comparison Graph

