

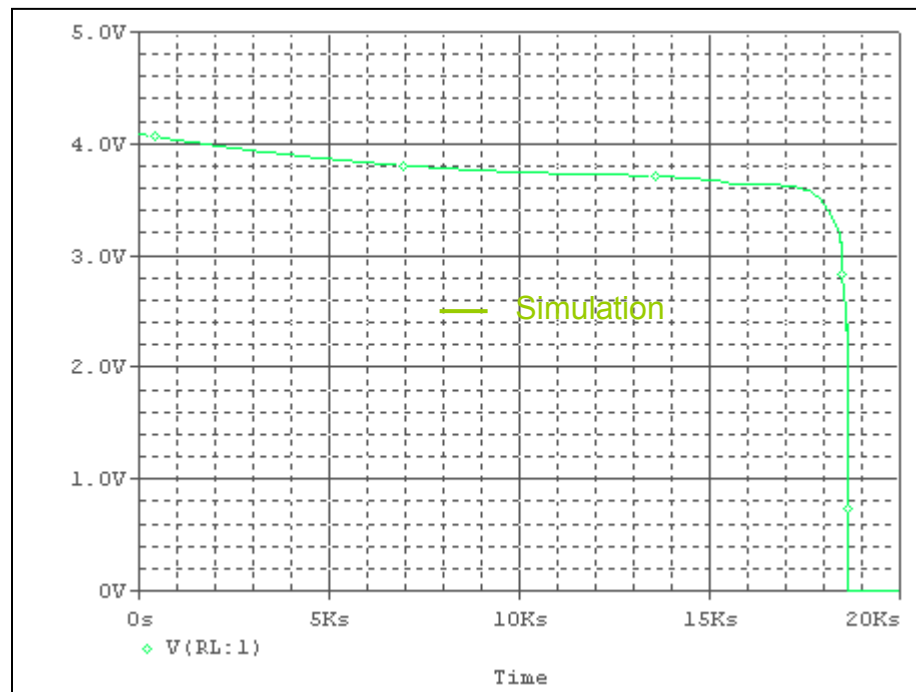
Device Modeling Report

COMPONENTS: Lithium-ion
PART NUMBER: SCP-550
MANUFACTURER: SANYO
CONDITION: RL = 33 (Ω)



Bee Technologies Inc.

Simulation result



Comparison Table

Time(ksec)	Vdc(V) Measurement	Vdc(V) Simulation	% Error
0.01	4.08595	4.0854	-0.01346
0.10	4.07844	4.0789	0.01128
0.20	4.07241	4.0725	0.00221
0.30	4.06690	4.0683	0.03442
0.40	4.06163	4.0620	0.00911
0.50	4.05652	4.0578	0.03155
0.60	4.05157	4.0516	0.00074
0.70	4.04681	4.0475	0.01705
0.80	4.04240	4.0422	-0.00495
0.90	4.03859	4.0354	-0.07899
1.00	4.03559	4.0314	-0.10383
1.20	4.03020	4.0215	-0.21587
1.40	4.02300	4.0118	-0.27840
1.60	4.01245	4.0023	-0.25296
1.80	3.99773	3.9911	-0.16584
2.00	3.98181	3.9820	0.00477
2.20	3.96749	3.9730	0.13888
2.40	3.95541	3.9642	0.22223
2.60	3.94548	3.9555	0.25396
2.80	3.93732	3.9470	0.24585
3.00	3.93073	3.9387	0.20276
3.20	3.92552	3.9306	0.12941
3.40	3.92084	3.9210	0.00408
3.60	3.91556	3.9132	0.06027
3.80	3.90952	3.9056	0.10027
4.00	3.90298	3.8982	0.12247
4.20	3.89617	3.8909	0.13526
4.40	3.88921	3.8837	0.14167
4.60	3.88206	3.8768	0.13550
4.80	3.87479	3.8700	0.12362
5.00	3.86741	3.8633	0.10627
5.20	3.85999	3.8555	0.11632
5.40	3.85257	3.8492	0.08747
5.60	3.84527	3.8431	0.05643
5.80	3.83813	3.8371	0.02684
6.00	3.83119	3.8313	-0.00287
6.20	3.82459	3.8256	-0.02641
6.40	3.81826	3.8201	-0.04819
6.60	3.81234	3.8147	-0.06190
6.80	3.80676	3.8085	-0.04571
7.00	3.80155	3.8035	-0.05129
7.50	3.78978	3.7920	-0.05858

8.00	3.77944	3.7807	-0.03334
8.50	3.77020	3.7703	-0.00265
9.00	3.76171	3.7609	0.02153
9.50	3.75400	3.7526	0.03729
10.00	3.74696	3.7474	-0.01174
10.50	3.74064	3.7399	0.01978
11.00	3.73498	3.7343	0.01821
11.00	3.73498	3.7343	0.01821
11.50	3.73011	3.7300	0.00295
12.00	3.72605	3.7261	-0.00134
12.50	3.72213	3.7223	-0.00457
13.00	3.71726	3.7173	-0.00108
13.50	3.71078	3.7107	0.00216
14.00	3.70234	3.7016	0.01999
14.50	3.69092	3.6895	0.03847
15.00	3.67489	3.6748	0.00245
15.50	3.65472	3.6458	0.24407
16.00	3.64709	3.6371	0.27392
16.50	3.64231	3.6342	0.22266
17.00	3.63364	3.6215	0.33410
17.50	3.59682	3.5805	0.45373
18.00	3.45658	3.4475	0.26269
18.50	3.43553	3.4327	0.08237
18.10	3.41251	3.3943	0.53362
18.15	3.38710	3.3707	0.48419
18.20	3.35871	3.3297	0.86372
18.25	3.32663	3.3034	0.69830
18.30	3.28968	3.2665	0.70463
18.35	3.24618	3.2480	-0.05607
18.40	3.19277	3.2111	-0.57411
18.45	3.11202	3.1003	0.37660
18.50	2.89854	2.8602	1.32273
18.55	2.58700	2.6016	-0.56436
18.60	2.34175	2.3430	-0.05338
18.61	2.30264	2.2876	0.65316
18.62	0.00000	0.0000	0
18.70	0.00000	0.0000	0
18.80	0.00000	0.0000	0
18.90	0.00000	0.0000	0
19.00	0.00000	0.0000	0
19.20	0.00000	0.0000	0
19.40	0.00000	0.0000	0
19.60	0.00000	0.0000	0
19.80	0.00000	0.0000	0
20.00	0.00000	0.0000	0

Comparison Table

