1C (12A) discharge cut-off voltage is 21v test data

22.2V-12000mah-Normal pressure			
Time(min)	Voltage(mV)	Electric current(mA)	Capacity(mAh)
0	25123.4	-12000	0
0.05	25018.5	-12001	10
0.07	25012.3	-12001	13
0.08	25004.3	-12001	16
0.1	24999.9	-12001	20
0.12	24992.2	-12001	23
0.13	24988.9	-12001	27
0.15	24984.9	-12001	30
0.17	24981.4	-12001	33
0.18	24976.9	-12001	37
0.2	24972.5	-12001	41
0.22	24969.1	-12001	44
0.23	24966.1	-12001	47
0.25	24961.4	-12001	50
0.27	24958.3	-12001	54
0.28	24955.2	-12001	57
0.3	24952.1	-12001	61
0.32	24949.7	-12001	64
0.33	24945.6	-12001	68
0.35	24942.9	-12001	71
0.37	24940.4	-12001	74
0.38	24937.4	-12001	78
0.4	24935.2	-12001	82
0.42	24932.4	-12001	85
0.43	24930.6	-12001	88
0.45	24927.4	-12001	91
0.47	24924.7	-12001	95
0.48	24921.9	-12001	99
0.5	24920.4	-12001	102

22.8V-12000mah-High pressure			
Time(min)	Voltage(mV)	Electric current(mA)	Capacity(mAh)
0	25996	-12000	0
0.03	25996	-12000	0
0.05	25809	-12001	12
0.07	25801.9	-12001	15
0.08	25793.9	-12001	18
0.1	25789.3	-12001	21
0.12	25784	-12001	25
0.13	25777.3	-12001	28
0.15	25773.5	-12001	32
0.17	25769.6	-12001	35
0.18	25764.3	-12001	39
0.2	25761.2	-12001	42
0.22	25757.3	-12001	45
0.23	25753.8	-12001	49
0.25	25749.5	-12001	52
0.27	25746.8	-12001	56
0.3	25745.3	-12001	59
0.32	25740	-12001	62
0.33	25738.1	-12001	66
0.35	25734.5	-12001	70
0.37	25731.9	-12001	73
0.38	25729.5	-12001	76
0.4	25726.7	-12001	79
0.42	25724	-12001	83
0.43	25721.1	-12001	86
0.45	25718.7	-12001	90
0.47	25716.6	-12001	93
0.48	25713.8	-12001	97
0.5	25711.3	-12001	100

0.53	24916.9	-12001	106
0.55	24915.1	-12001	109
0.57	24912.4	-12001	112
0.58	24910.2	-12001	116
0.6	24907.4	-12001	119
0.62	24905.2	-12001	123
0.63	24903.7	-12001	126
0.65	24901.3	-12001	129
0.67	24898.1	-12001	133
0.68	24896.6	-12001	136
0.7	24895.1	-12001	140
0.72	24892.6	-12001	143
0.73	24889.8	-12001	146
0.75	24887.3	-12001	150
0.77	24886.7	-12001	153
0.78	24883.4	-12001	157
0.8	24881.1	-12001	161
0.82	24879	-12001	164
0.83	24876.9	-12001	167
0.85	24875	-12001	170
0.87	24872.6	-12001	174
0.88	24870.4	-12001	177
0.9	24868.8	-12001	181
0.92	24866.1	-12001	184
0.93	24864.3	-12001	188
0.95	24862.6	-12001	191
0.97	24860.8	-12001	194
0.98	24858.4	-12001	198
1	24856.5	-12001	202
1.02	24853.7	-12001	205
1.03	24851.9	-12001	209
1.05	24850.3	-12001	212
1.07	24848.8	-12001	215
1.1	24845.7	-12001	219

0.52	25710.4	-12001	103
0.53	25706.4	-12001	107
0.55	25704.3	-12001	111
0.57	25703	-12001	114
0.58	25699.3	-12001	117
0.6	25696.5	-12001	120
0.62	25695.6	-12001	124
0.63	25693.2	-12001	127
0.65	25690.6	-12001	131
0.67	25688.2	-12001	134
0.68	25687	-12001	137
0.7	25684.2	-12001	141
0.72	25681.5	-12001	145
0.73	25680.2	-12001	148
0.75	25677.4	-12001	151
0.77	25677.4	-12001	155
0.78	25676.2	-12001	158
0.8	25674.4	-12001	161
0.82	25671.3	-12001	165
0.83	25668.8	-12001	169
0.85	25667.2	-12001	172
0.87	25665.1	-12001	176
0.9	25663	-12001	179
0.92	25661.1	-12001	182
0.93	25658.9	-12001	186
0.95	25657.4	-12001	189
0.97	25654.6	-12001	193
0.98	25653.1	-12001	196
1	25651.9	-12001	199
1.02	25650.1	-12001	203
1.03	25647.8	-12001	207
1.05	25645.1	-12001	210
1.07	25643.5	-12001	213
1.08	25641.1	-12001	216

1.12	24844.1	-12001	222
1.13	24841.1	-12001	226
1.15	24839.5	-12001	229
1.17	24838	-12001	232
1.18	24834.9	-12001	236
1.2	24833.3	-12001	240
1.22	24831.8	-12001	243
1.23	24829.1	-12001	246
1.25	24827.2	-12001	250
1.27	24825.6	-12001	253
1.28	24824.1	-12001	256
1.3	24821.3	-12001	260
1.32	24819.5	-12001	264
1.33	24818	-12001	267
1.35	24815.7	-12001	270
1.37	24813.9	-12001	273
1.38	24812.1	-12001	277
1.4	24810.3	-12001	281
1.42	24807.7	-12001	284
1.43	24805.3	-12001	287
1.45	24804	-12001	291
1.47	24802.2	-12001	294
1.48	24800.1	-12001	298
1.5	24799.2	-12001	301
1.52	24796.3	-12001	304
1.53	24793.6	-12001	307
1.55	24792	-12001	311
1.57	24790.2	-12001	314
1.58	24788.6	-12001	318
1.6	24786.5	-12001	322
1.62	24784.3	-12001	325
1.63	24782.5	-12001	328
1.65	24779.9	-12001	332
1.67	24778.1	-12001	335

1.1	25640.8	-12001	220
1.12	25638.4	-12001	223
1.13	25636.7	-12001	227
1.15	25634	-12001	231
1.17	25632.5	-12001	234
1.18	25630	-12001	237
1.2	25629.1	-12001	240
1.22	25627.2	-12001	244
1.23	25625.3	-12001	248
1.25	25624.1	-12001	251
1.27	25622.3	-12001	254
1.28	25620.1	-12001	258
1.3	25618.6	-12001	261
1.32	25617.4	-12001	265
1.33	25615.8	-12001	268
1.35	25614.2	-12001	272
1.37	25612.1	-12001	275
1.38	25609.7	-12001	278
1.4	25609.1	-12001	281
1.42	25607.8	-12001	285
1.43	25606.3	-12001	289
1.45	25603.8	-12001	292
1.48	25601.6	-12001	296
1.5	25600.4	-12001	299
1.52	25598.6	-12001	302
1.53	25598.3	-12001	306
1.55	25596.1	-12001	310
1.57	25593.9	-12001	313
1.58	25593.3	-12001	316
1.6	25591.2	-12001	320
1.62	25589	-12001	323
1.63	25588.1	-12001	327
1.65	25586.3	-12001	330
1.67	25584.3	-12001	334

1.68	24776.3	-12001	339
1.7	24774.8	-12001	342
1.72	24772.9	-12001	345
1.73	24771.1	-12001	348
1.77	24768.2	-12001	352
1.78	24767.3	-12001	356
1.8	24764.9	-12001	359
1.82	24763.7	-12001	362
1.83	24762.1	-12001	366
1.85	24759.3	-12001	369
1.87	24756.2	-12001	373
1.88	24755	-12001	376
1.9	24753.2	-12001	380
1.92	24751.6	-12001	384
1.93	24749.1	-12001	387
1.95	24747.6	-12001	390
1.97	24743.9	-12001	394
1.98	24743.3	-12001	397
2	24741.7	-12001	401
2.02	24740.2	-12001	404
2.03	24737.7	-12001	408
2.05	24736.2	-12001	411
2.07	24733.1	-12001	414
2.08	24732.4	-12001	418
2.1	24730	-12001	421
2.12	24728.5	-12001	425
2.13	24726	-12001	428
2.15	24724.4	-12001	431
2.17	24722	-12001	435
2.18	24719.8	-12001	438
2.2	24718.3	-12001	442
2.22	24716.2	-12001	445
2.23	24714.9	-12001	448
2.25	24713.3	-12001	451

1.68	25582.2	-12001	337
1.7	25580.4	-12001	340
1.72	25578.9	-12001	344
1.73	25576.7	-12001	347
1.75	25575.5	-12001	351
1.77	25573.6	-12001	354
1.78	25572	-12001	357
1.8	25569	-12001	361
1.82	25567.8	-12001	364
1.83	25566.2	-12001	368
1.85	25563.8	-12001	372
1.87	25562.2	-12001	375
1.88	25560.6	-12001	378
1.9	25557.6	-12001	381
1.92	25555.5	-12001	385
1.93	25554.8	-12001	389
1.95	25551.7	-12001	392
1.97	25550.2	-12001	395
1.98	25547.1	-12001	398
2	25545	-12001	402
2.02	25542.5	-12001	405
2.03	25540.6	-12001	409
2.07	25538.8	-12001	412
2.08	25537.3	-12001	416
2.1	25535.1	-12001	419
2.12	25533.9	-12001	422
2.13	25528.9	-12001	426
2.15	25528.9	-12001	430
2.17	25526.5	-12001	433
2.18	25524	-12001	436
2.2	25523.7	-12001	439
2.22	25521.6	-12001	443
2.23	25518.1	-12001	447
2.25	25516.6	-12001	450

2.27	24711.2	-12001	455
2.28	24708.4	-12001	459
2.32	24706.9	-12001	463
2.33	24705.3	-12001	466
2.35	24703.8	-12001	469
2.37	24701	-12001	472
2.38	24699.8	-12001	476
2.4	24697	-12001	480
2.42	24696	-12001	483
2.43	24693.9	-12001	486
2.45	24691.5	-12001	489
2.47	24689.9	-12001	493
2.48	24688.1	-12001	496
2.5	24685.9	-12001	500
2.52	24684.6	-12001	503
2.53	24683.1	-12001	506
2.55	24680.7	-12001	510
2.57	24679.8	-12001	513
2.58	24676.9	-12001	517
2.6	24674.5	-12001	520
2.62	24673.6	-12001	523
2.63	24671.4	-12001	527
2.65	24669.6	-12001	530
2.67	24668	-12001	534
2.68	24666.4	-12001	537
2.7	24663.7	-12001	540
2.72	24662.2	-12001	544
2.73	24660.6	-12001	547
2.75	24658.1	-12001	551
2.77	24656	-12001	555
2.78	24654.7	-12001	558
2.8	24651.7	-12001	561
2.82	24651.1	-12001	564
2.83	24648.2	-12001	568

2.27	25515.1	-12001	453
2.28	25513.6	-12001	456
2.3	25511.7	-12001	460
2.32	25509.5	-12001	463
2.33	25507.7	-12001	467
2.35	25504.6	-12001	471
2.37	25504.3	-12001	474
2.38	25501.6	-12001	477
2.4	25500.6	-12001	480
2.42	25498.1	-12001	484
2.43	25496	-12001	488
2.45	25493.2	-12001	491
2.47	25492.9	-12001	494
2.48	25491.7	-12001	497
2.5	25490.8	-12001	501
2.52	25487.3	-12001	505
2.53	25486.4	-12001	508
2.55	25483.3	-12001	511
2.57	25481.5	-12001	514
2.58	25480.9	-12001	518
2.6	25477.8	-12001	522
2.62	25476.2	-12001	525
2.63	25475	-12001	528
2.65	25471.6	-12001	532
2.67	25470.4	-12001	535
2.68	25468.9	-12001	538
2.7	25468	-12001	542
2.72	25465.7	-12001	545
2.73	25464.2	-12001	548
2.75	25462.7	-12001	552
2.77	25459.3	-12001	555
2.78	25457.8	-12001	559
2.8	25456.6	-12001	562
2.83	25454.4	-12001	566

2.85	24647	-12001	571
2.87	24645.2	-12001	575
2.88	24643.7	-12001	578
2.9	24642.1	-12001	581
2.92	24639.6	-12001	585
2.93	24638.1	-12001	588
2.95	24636.2	-12001	592
2.97	24634.1	-12001	596
2.98	24632.9	-12001	599
3.02	24630.6	-12001	602
3.03	24628.5	-12001	606
3.05	24626.7	-12001	609
3.07	24623.9	-12001	613
3.08	24622.6	-12001	617
3.1	24621.7	-12001	620
3.12	24618.9	-12001	623
3.13	24616.2	-12001	626
3.15	24614.4	-12001	630
3.17	24612.7	-12001	633
3.18	24611.2	-12001	637
3.2	24609.7	-12001	640
3.22	24608.2	-12001	643
3.23	24605.1	-12001	647
3.25	24604.1	-12001	650
3.27	24602.9	-12001	654
3.28	24600.4	-12001	657
3.3	24598.9	-12001	660
3.32	24597.7	-12001	664
3.33	24594.2	-12001	668
3.35	24593.6	-12001	671
3.37	24591.2	-12001	675
3.38	24589.3	-12001	678
3.4	24587.8	-12001	682
3.42	24585.6	-12001	685

2.85	25453.4	-12001	569
2.87	25451.6	-12001	572
2.88	25450.1	-12001	576
2.9	25447.9	-12001	579
2.92	25445.7	-12001	583
2.93	25445.1	-12001	586
2.95	25442.4	-12001	589
2.97	25441.1	-12001	593
2.98	25439.6	-12001	597
3	25436.6	-12001	600
3.02	25434.9	-12001	604
3.03	25434	-12001	607
3.05	25431.6	-12001	610
3.07	25430.7	-12001	613
3.08	25427.9	-12001	617
3.1	25426.4	-12001	621
3.12	25424.9	-12001	624
3.13	25424.2	-12001	627
3.15	25421.7	-12001	630
3.17	25419.9	-12001	634
3.18	25418	-12001	638
3.2	25416.8	-12001	641
3.22	25413.4	-12001	644
3.23	25413.4	-12001	648
3.25	25411.8	-12001	651
3.27	25409.1	-12001	655
3.28	25407.6	-12001	658
3.3	25405.1	-12001	662
3.32	25403.6	-12001	665
3.33	25402.6	-12001	669
3.37	25399.8	-12001	672
3.38	25398.3	-12001	676
3.4	25395.9	-12001	679
3.42	25395	-12001	683

3.43	24583.4	-12001	688
3.45	24581.9	-12001	692
3.47	24580.1	-12001	695
3.48	24578.6	-12001	699
3.52	24577.3	-12001	702
3.53	24575.7	-12001	705
3.55	24572.7	-12001	709
3.57	24572	-12001	712
3.58	24569.6	-12001	716
3.6	24568.1	-12001	720
3.62	24566.5	-12001	723
3.63	24564.9	-12001	726
3.65	24561.9	-12001	729
3.67	24561	-12001	733
3.68	24558.4	-12001	737
3.7	24557.2	-12001	740
3.72	24554.8	-12001	743
3.73	24552.6	-12001	747
3.75	24551.1	-12001	750
3.77	24549.6	-12001	754
3.78	24547.9	-12001	757
3.8	24546.4	-12001	761
3.82	24543.4	-12001	765
3.83	24542.5	-12001	768
3.85	24540.9	-12001	771
3.87	24538.4	-12001	774
3.88	24537.2	-12001	778
3.9	24535.6	-12001	782
3.92	24534.1	-12001	785
3.93	24532.3	-12001	788
3.95	24529.7	-12001	792
3.97	24527.9	-12001	795
4	24526.4	-12001	799
4.02	24524.9	-12001	803

3.43	25392.1	-12001	686
3.45	25390.9	-12001	689
3.47	25389.4	-12001	692
3.48	25387.8	-12001	696
3.5	25386.3	-12001	700
3.52	25383.6	-12001	703
3.53	25381.6	-12001	706
3.55	25379.5	-12001	709
3.57	25378.6	-12001	713
3.58	25376.4	-12001	717
3.6	25374.6	-12001	720
3.62	25372.2	-12001	724
3.63	25370.5	-12001	727
3.65	25367.5	-12001	730
3.67	25366.3	-12001	733
3.68	25364.4	-12001	737
3.7	25361.7	-12001	741
3.72	25360.1	-12001	744
3.73	25358.9	-12001	747
3.75	25357.3	-12001	750
3.77	25354.3	-12001	754
3.78	25353.7	-12001	758
3.8	25351.2	-12001	761
3.82	25349.3	-12001	764
3.83	25347.5	-12001	768
3.85	25346.8	-12001	771
3.87	25344.7	-12001	775
3.88	25343.2	-12001	778
3.9	25341.7	-12001	781
3.92	25339.8	-12001	785
3.93	25338.5	-12001	788
3.95	25336.1	-12001	792
3.97	25334.2	-12001	795
4	25332.4	-12001	799

4.03	24523.3	-12001	806
4.05	24521.4	-12001	809
4.07	24519.3	-12001	812
4.08	24517.1	-12001	816
4.1	24515.6	-12001	819
4.13	24512.5	-12001	826
4.15	24510.3	-12001	830
4.17	24508.5	-12001	833
4.18	24506.3	-12001	836
4.2	24506	-12001	840
4.22	24503.3	-12001	843
4.23	24501.7	-12001	846
4.25	24500.1	-12001	849
4.27	24498	-12001	853
4.28	24495.6	-12001	857
4.3	24495.3	-12001	860
4.32	24493	-12001	863
4.33	24491.8	-12001	866
4.35	24489.4	-12001	870
4.37	24488.1	-12001	873
4.38	24484.8	-12001	877
4.4	24484.4	-12001	880
4.42	24483.2	-12001	883
4.43	24481.3	-12001	886
4.45	24479.5	-12001	890
4.47	24477.1	-12001	894
4.48	24475.5	-12001	897
4.5	24473.9	-12001	901
4.52	24472.4	-12001	904
4.55	24469.9	-12001	909
4.57	24466.3	-12001	914
4.6	24463.1	-12001	919
4.62	24462.2	-12001	924
4.65	24459.2	-12001	929

4.02	25330.6	-12001	803
4.03	25328	-12001	807
4.05	25327.7	-12001	810
4.07	25324.7	-12001	814
4.08	25322.2	-12001	817
4.1	25321.3	-12001	820
4.12	25319.5	-12001	824
4.13	25316.9	-12001	828
4.15	25315.1	-12001	831
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28.85	22557.1	-12001	5771
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28.92	22553.6	-12001	5784
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29.08	22548.4	-12001	5818
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29.18	22545.6	-12001	5837
29.22	22543.8	-12001	5844
29.25	22543.5	-12001	5851
29.28	22541.6	-12001	5857
29.32	22540.4	-12001	5864
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29.42	22538	-12001	5885
29.45	22535.7	-12001	5891
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29.52	22534.5	-12001	5904
29.55	22533	-12001	5911

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17.03	23938	-12001	3408
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17.22	23921.5	-12001	3443
17.23	23918.9	-12001	3447
17.25	23917.4	-12001	3450
17.27	23914.9	-12001	3453
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17.55	23885	-12001	3509
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17.67	23872.4	-12001	3533
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17.9	23845	-12001	3580
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39.72	22446.9	-12001	7944
39.75	22445.7	-12001	7950
39.78	22443.6	-12001	7957
39.82	22442.4	-12001	7964
39.85	22441.8	-12001	7970
39.88	22438.4	-12001	7977
39.92	22437.8	-12001	7983
39.95	22436.9	-12001	7990
39.98	22435.6	-12001	7997
40.02	22434.3	-12001	8003
40.05	22432.2	-12001	8010
40.08	22431	-12001	8017
40.12	22429.4	-12001	8023
40.15	22427.9	-12001	8030
40.18	22427	-12001	8036
40.22	22424.2	-12001	8044
40.25	22422.9	-12001	8050
40.28	22422.3	-12001	8057
40.32	22420.5	-12001	8064
40.35	22418.7	-12001	8070
40.38	22418.1	-12001	8077
40.42	22416.2	-12001	8083
40.45	22414.3	-12001	8090
40.48	22413.4	-12001	8097
40.52	22411.8	-12001	8103
40.55	22409.4	-12001	8110
40.58	22408.8	-12001	8117
40.62	22407	-12001	8123
40.65	22404.8	-12001	8130
40.68	22403.8	-12001	8136
40.72	22402.9	-12001	8143

53.5	21100.5	-12001	10700
53.53	21094.6	-12001	10707
53.57	21092.8	-12001	10713
53.6	21088.2	-12001	10720
53.63	21085	-12001	10727
53.67	21080.5	-12001	10733
53.7	21078	-12001	10740
53.73	21074	-12001	10747
53.77	21070.6	-12001	10754
53.8	21067.5	-12001	10760
53.83	21064.4	-12001	10767
53.87	21058.8	-12001	10774
53.9	21057.3	-12001	10779
53.92	21054.8	-12001	10786
53.95	21048.9	-12001	10793
53.98	21047.1	-12001	10799
54.02	21044.4	-12001	10806
54.05	21038.5	-12001	10813
54.08	21037.5	-12001	10819
54.12	21034.8	-12001	10826
54.15	21030.7	-12001	10832
54.18	21027.4	-12001	10839
54.22	21024.9	-12001	10846
54.25	21021.8	-12001	10852
54.28	21018.4	-12001	10859
54.32	21016.6	-12001	10866
54.35	21013.5	-12001	10872
54.38	21008.3	-12001	10879
54.42	21007.3	-12001	10885
54.45	21004.3	-12001	10892
54.48	20999	-12001	10899

40.75	22400.8	-12001	8150
40.78	22399.5	-12001	8156
40.82	22397.7	-12001	8163
40.83	22396.8	-12001	8170
40.87	22395	-12001	8176
40.9	22393.6	-12001	8182
40.93	22390.6	-12001	8189
40.97	22388.2	-12001	8196
41	22389.1	-12001	8203
41.03	22387.2	-12001	8209
41.07	22383.6	-12001	8216
41.1	22384.2	-12001	8223
41.13	22382.9	-12001	8229
41.17	22381.6	-12001	8236
41.2	22379.8	-12001	8242
41.23	22378.3	-12001	8249
41.27	22376.8	-12001	8256
41.3	22375.8	-12001	8262
41.33	22374.3	-12001	8269
41.37	22372.8	-12001	8275
41.4	22370.6	-12001	8282
41.43	22369.6	-12001	8289
41.47	22367.8	-12001	8296
41.5	22366.3	-12001	8303
41.53	22364.8	-12001	8309
41.57	22363.8	-12001	8316
41.6	22361.3	-12001	8323
41.63	22360.7	-12001	8329
41.67	22358.6	-12001	8336
41.7	22356.7	-12001	8342
41.73	22355.5	-12001	8349
41.77	22354.6	-12001	8356
41.8	22351.8	-12001	8362
41.83	22349.6	-12001	8370

