

PHASE1

Run	Date	Name	Trigger	y [cm]	Results	Comments	
1	2015/4/21 17:15	T.Gogami	LED	-	-		PHASE1
2	2015/4/21 17:30	T.Gogami	LED	-	-	50 us, 5.0 V, 10 ns	
3	2015/4/21 17:48	T.Gogami	LED	-	WC1: 6.63 +/- 0.09 WC2: 18.72 +/- 0.20	50 us, 4.9 V, 10 ns	
4	2015/4/21 17:48	T.Gogami	TOF coin	0	77.8 0.3 99.0 0.4 176.5 0.7	The first cosmic-ray test. Double peak structure was observed in wadc2 histogram.	
5	2015/4/22 10:20	T.Gogami	LED	-	7.07 0.06 18.84 0.16	50 us , 4.9 V, 10 ns Pedestals were moved compared to run3, but not so significant.	
6	2015/4/22 10:28	T.Gogami	TOF coin	0	Same as run4	Conditions are the same as run4.	
7	2015/4/22 15:06	T.Gogami	LED	-	6.82 0.07 18.59 0.11	50 us, 4.9 V, 10 ns	
8	2015/4/22 15:11	T.Gogami	TOF coin	10	83.5 0.3 91.6 0.3 173.4 0.9	Scintillators were positioned at y=+10 cm, where is closer to WC1's PMT.	
9	2015/4/23 10:00	T.Gogami	LED	-	6.90 0.05 19.08 0.13	50 us, 4.9 V, 10 ns	
10	2015/4/23 10:15	T.Gogami	TOF coin	-10	71.9 0.5 111.0 0.8 180.0 1.8	Closer to WC2's PMT	
11	2015/4/23 14:08	T.Gogami	LED	-	7.12 0.02 19.27 0.04	50 us, 4.9 V, 10 ns The number of events is 1 M.	
12	2015/4/23 14:28	T.Gogami	TOF coin	-10	Same as run10	Configuration is the same as that of run10.	
13	2015/4/23 18:33	T.Gogami	LED	-	7.17 0.03 19.10 0.14	50 us, 4.9 V, 10 ns	
14	2015/4/23 18:37	T.Gogami	TOF coin	-20	66.1 0.4 124.7 0.5 189.8 1.3	Closer to WC2's PMT	
15	2015/4/24 10:10	T.Gogami	LED	-	6.62 0.03 19.24 0.05	50 us, 4.9 V, 10 ns	
16	2015/4/24 10:23	T.Gogami	TOF coin	-30	63.4 0.5 139.2 2.8 199.4 1.4	Closer to WC2's PMT	
17	2015/4/24 17:20	T.Gogami	LED		6.80 0.04 18.96 0.09	50 us, 4.9 V, 10 ns	
18	2015/4/24 17:45	T.Gogami	LED		6.74 0.04 18.94 0.10	50 us, 4.9 V, 10 ns Data were taken after the configuration was changed to y=+20 cm.	
19	2015/4/24 17:48	T.Gogami	TOF coin	20	88.9 0.4 81.9 0.6 169.7 0.8	Closer to WC1's PMT. Trial 2.	
20	2015/4/25 11:28	T.Gogami	LED	-	6.32 0.01 19.13 0.14	50 us, 4.9 V, 10 ns	
21	2015/4/25 11:44	T.Gogami	LED		7.06 0.04 18.63 0.11	50 us, 4.9 V, 10 ns The data were taken after the configuration was changed to y=+30 cm.	
22	2015/4/25 11:51	T.Gogami	TOF coin	30	86.5 0.4 74.6 0.2 161.5 0.8	Closer to WC1's PMT.	
Shut down							
23	2015/5/11 10:14	T.Gogami	TOF coin	30	-	TEST RUN HV setting: 2401, 2401, 2001, 2000 V	
24	2015/5/11 14:09	T.Gogami	LED		PMT1: 7.12 0.03 PMT2: 18.80 0.15	50 us, 4.9 V, 10 ns	
25	2015/5/11 14:10	T.Gogami	TOF coin	30	PMT1: 89.4 0.8 PMT2: 66.6 0.6 Sum: 158.4 1.5	Closer to WC1's PMT. Trial 2.	

26	2015/5/11 18:21	T.Gogami	LED		7.06 0.03 19.42 0.07	50 us, 4.9 V, 10 ns The data were taken after the configuration was changed to y=0 cm from y=+30 cm.
27	2015/5/11 18:25	T.Gogami	TOF coin	0	78.4 0.5 88.5 0.6 164.1 0.8	Center. Trial 2.
28	2015/5/12 10:11	T.Gogami	LED	-	6.99 0.02 19.58 0.02	50 us, 4.9 V, 10 ns
29	2015/5/12 10:16	T.Gogami	TOF coin	-30	65.9 0.5 123.2 1.8 187.7 0.7	Closer to WC2's PMT. Trial 2.
30	2015/5/12 17:59	T.Gogami	LED	-	7.07 0.04 18.66 0.2	50 us, 4.9 V, 10 ns.
31	2015/5/12 18:22	T.Gogami	TOF coin	-20	73.0 0.7 109.4 0.4 180.9 0.7	Closer to WC2's PMT. Trial 2.
32	2015/5/13 10:04	T.Gogami	LED	-	7.27 0.01 18.65 0.19	50 us, 4.9 V, 10 ns. The data were taken after the configuration was changed to y=+20 cm from y=-20 cm.
33	2015/5/13 10:13	T.Gogami	TOF coin	20	82.0 0.6 72.2 0.5 154.2 0.7	Closer to WC1's PMT. Trial 2.
34	2015/5/13 14:20	T.Gogami	LED	-	6.92 0.02 19.58 0.02	50 us, 4.9 V, 10 ns
35	2015/5/13 14:30	T.Gogami	TOF coin	0	68.3 0.6 87.5 0.8 153.8 1.0	LED ON !!!!!!!
36	2015/5/13 19:22	T.Gogami	LED	-	7.13 0.02 19.40 0.06	50 us, 4.9 V, 10 ns
37	2015/5/13 19:27	T.Gogami	TOF coin	0	67.5 0.6 86.4 0.4 156.4 0.9	LED OFF. Trial 3
38	2015/5/14 9:44	T.Gogami	LED		7.20 0.01 19.08 0.07	50 us, 4.9 V, 10 ns
39	2015/5/14 9:57	T.Gogami	TOF coin	5	72.3 0.5 83.4 1.4 156.8 0.8	Closer to WC1's PMT.
40	2015/5/14 14:37	T.Gogami	LED	-	7.02 0.02 19.26 0.04	50 us, 4.9 V, 10 ns.
41	2015/5/14 14:46	T.Gogami	TOF coin	10	75.4 0.5 78.1 0.6 153.8 0.8	Closer to WC1's PMT.
42	2015/5/14 18:34	T.Gogami	LED	-	6.81 0.02 18.87 0.05	50 us, 4.9 V, 10 ns
43	2015/5/14 18:48	T.Gogami	TOF coin	-10	64.4 0.3 98.2 0.7 153.8 0.8	
44	2015/5/15 7:23	T.Gogami	LED	-	7.19 0.01 19.1 0.04	50 us, 4.9 V, 10 ns
45	2015/5/15 7:35	T.Gogami	TOF coin	0	68.9 0.5 86.0 0.3 161.3 1.0	
46	2015/5/18 10:17	T.Gogami	LED	-	7.18 0.01 19.57 0.03	50 us, 4.9 V, 10 ns
47	2015/5/18 10:23	T.Gogami	TOF coin	0	69.6 0.4 85.4 0.6 153.5 1.0	
48	2015/5/18 17:20	T.Gogami	LED	-	7.03 0.01 18.58 0.06	50 us, 4.9 V, 10 ns
49	2015/5/18 17:38	T.Gogami	TOF coin	0	67.5 0.3 80.7 0.5 148.1 0.8	
50	2015/5/19 9:31	T.Gogami	LED	-	7.04 0.02 17.59 0.07	50 us, 4.9 V, 10 ns
51	2015/5/19 9:37	T.Gogami	TOF coin	0	69.9 1.6 83.7 0.4 151.6 0.6	

PHASE2

52	2015/5/19 17:25	T.Gogami	LED	-	7.18 0.01 18.20 0.04	50 us, 4.9 V, 10 ns
53	2015/5/19 17:36	T.Gogami	TOF coin	0	68.3 0.4 82.2 0.5 149.2 0.6	
54	2015/5/20 9:47	T.Gogami	LED	-	6.56 0.03 18.43 0.05	50 us, 4.9 V, 10 ns
55	2015/5/20 9:50	T.Gogami	TOF coin	0	69.2 0.3 83.3 1.0 153.2 0.5	
56	2015/5/20 18:20	T.Gogami	LED	-		50 us, 4.9 V, 10 ns
57	2015/5/20 18:27	T.Gogami	TOF coin	0	70.3 0.3 83.4 0.5 153.2 0.5	
58	2015/5/21 10:51	T.Gogami	LED	-		50 us, 4.9 V, 10 ns
59	2015/5/21 10:57	T.Gogami	TOF coin	0		
Shut down PMT reattachment was done with BC-630 instead of BaF2.						
60	2015/5/21 16:29	T.Gogami	LED	-	-	50 us, 5.0 V, 10 ns
61	2015/5/21 16:30	T.Gogami	LED	-	-	50 us, 4.9 V, 10 ns Looks OK.
62	2015/5/21 16:36	T.Gogami	TOF coin	0	-	TEST RUN
63	2015/5/21 17:45	T.Gogami	LED	-	-	50 us, 4.9 V, 10 ns Looks OK.
64	2015/5/21 18:02	T.Gogami	LED	-	PMT1: 7.01 0.03 PMT2: 18.27 0.06	50 us, 5.05 V, 10 ns Looks better.
65	2015/5/21 18:07	T.Gogami	TOF coin	0	PMT1: 109.6 0.5 PMT2: 97.9 0.5 Sum: 207.7 0.9	
66	2015/5/22 10:49	T.Gogami	LED	-	7.02 0.03 17.94 0.07	50 us, 5.05 V, 10 ns
67	2015/5/22 10:55	T.Gogami	TOF coin	0	Same as run65	
68	2015/5/22 16:49	T.Gogami	LED	-	7.02 0.02 18.88 0.05	50 us, 5.05 V, 10 ns
69	2015/5/22 16:55	T.Gogami	TOF coin	-30	88.9 0.5 142.5 1.9 227.9 2.1	
70	2015/5/23 8:01	T.Gogami	LED	-	6.94 0.02 18.79 0.05	50 us, 5.05 V, 10 ns
71	2015/5/23 8:09	T.Gogami	TOF coin	20	139.8 0.6 80.9 0.3 218.6 1.5	
72	2015/5/23 21:26	T.Gogami	LED	-	7.01 0.02 19.18 0.03	50 us, 5.05 V, 10 ns
73	2015/5/23 21:31	T.Gogami	TOF coin	-20	96.4 0.7 124.2 0.8 222.1 2.1	
74	2015/5/24 12:45	T.Gogami	LED	-	7.06 0.03 18.90 0.06	50 us, 5.05 V, 10 ns
75	2015/5/24 12:50	T.Gogami	TOF coin	30	169.4 0.8 74.5 0.4 237.3 2.3	
76	2015/5/24 22:13	T.Gogami	LED	-	6.72 0.05 18.95 0.09	50 us, 5.05 V, 10 ns
77	2015/5/24 22:28	T.Gogami	TOF coin	10	120.7 0.5 88.3 0.5 208.1 0.9	
78	2015/5/25 10:07	T.Gogami	LED	-	6.84 0.02 19.06 0.06	50 us, 5.05 V, 10 ns
79	2015/5/25 10:13	T.Gogami	TOF coin	-10	102.2 0.7 112.9 0.6 212.2 1.9	
80	2015/5/25 18:32	T.Gogami	LED	-	6.86 0.01 18.52 0.06	

PHASE3

81	2015/5/25 18:36	T.Gogami	TOF coin	0	108.9 0.6 99.3 0.5 209.1 0.5	
82	2015/5/26 9:57	T.Gogami	LED	–	6.79 0.02 18.59 0.05	
HV's were changed in order to see HV dependence						
83	2015/5/26 10:14	T.Gogami	LED	–	PMT1: 9.42 0.22 PMT2: 24.30 0.14	HV: –2100 V
84	2015/5/26 10:22	T.Gogami	TOF coin	0	PMT1: 108.6 0.5 PMT2: 104.1 0.9 Sum: 207.9 0.8	HV: –2100 V
85	2015/5/26 19:16	T.Gogami	LED	–	9.11 0.01 23.54 0.08	HV: –2100 V
86	2015/5/26 19:21	T.Gogami	LED	–	5.01 0.02 14.53 0.02	HV: –1900 V
87	2015/5/26 19:27	T.Gogami	TOF coin	0	110.6 1.5 97.4 0.4 209.1 1.0	HV: –1900 V
88	2015/5/27 10:06	T.Gogami	LED	–	5.01 0.02 14.57 0.03	HV: –1900 V
89	2015/5/27 10:13	T.Gogami	LED	–	–	HV: –1800 V
90	2015/5/27 10:21	T.Gogami	LED	–	–	HV: –1800 V Pulse height: 5.10 V
91	2015/5/27 10:24	T.Gogami	LED	–	–	HV: –1800 V Pulse height: 5.08 V
92	2015/5/27 10:28	T.Gogami	LED	–	4.00 0.02 10.73 0.01	HV: –1800 V Pulse height: 5.05 V
93	2015/5/27 10:32	T.Gogami	TOF coin	0	106.0 0.7 96.7 0.6 202.7 1.7	HV: –1800 V
94	2015/5/27 15:57	T.Gogami	LED	–	4.10 0.01 10.74 0.02	HV: –1800 V
95	2015/5/27 16:16	T.Gogami	LED	–	6.77 0.02 19.0 0.14	HV: –2000 V
96	2015/5/27 16:31	T.Gogami	TOF coin	0	110.2 0.7 97.7 0.5 204.6 0.8	HV: –2000 V
97	2015/5/28 9:56	T.Gogami	LED	–	6.85 0.03 19.05 0.05	HV: –2000 V
PMTs were swapped						
98	2015/6/1 16:46	T.Gogami	TOF coin	0	–	WC1: ZK6920 WC2: ZK6922 TEST RUN
99	2015/6/1 17:52	T.Gogami	LED	–	–	5.05 V
100	2015/6/1 17:59	T.Gogami	LED	–	PMT1: 17.7 0.04 PMT2: 7.68 0.01	4.85 V (Better)
101	2015/6/1 18:17	T.Gogami	LED	–	–	4.90 V
102	2015/6/1 18:24	T.Gogami	TOF coin	0	112.5 0.5 94.1 0.5 206.7 0.7	
103	2015/6/2 10:15	T.Gogami	LED	–	17.90 0.07 7.59 0.02	4.85 V
104	2015/6/2 10:22	T.Gogami	TOF coin	–30	92.7 0.5 133.6 1.7 230.5 1.2	
105	2015/6/3 10:17	T.Gogami	LED	–	17.50 0.05 7.68 0.01	4.85 V
106	2015/6/3 10:25	T.Gogami	TOF coin	30	145.2 0.9 68.7 0.4 212.5 1.8	
107	2015/6/3 18:03	T.Gogami	LED	–	17.93 0.06 7.65 0.02	4.85 V

PHASE4

PHA

108	2015/6/3 18:12	T.Gogami	TOF coin	-20	98.4 0.4 121.6 0.4 220.2 0.6	
109	2015/6/4 10:32	T.Gogami	LED	-	17.64 0.05 7.66 0.01	4.85 V
110	2015/6/4 10:39	T.Gogami	TOF coin	-10	104.4 0.4 105.9 1.0 207.0 1.1	
111	2015/6/4 10:43	T.Gogami	LED	-	17.86 0.06 7.68 0.01	4.85 V
112	2015/6/4 17:57	T.Gogami	TOF coin	10	121.0 0.7 84.3 0.5 203.4 0.9	
113	2015/6/5 10:09	T.Gogami	LED	-	18.04 0.07 7.87 0.01	4.85 V
114	2015/6/5 10:17	T.Gogami	TOF coin	20	134.2 0.4 76.5 0.8 209.2 0.9	
115	2015/6/5 17:54	T.Gogami	LED	-	17.87 0.04 7.79 0.01	4.85 V
116	2015/6/5 18:01	T.Gogami	TOF coin	0	111.7 0.5 94.3 1.1 207.3 1.7	This run is stopped at 6/5 23:34 due to a DAQ error.
117	2015/6/8 10:13	T.Gogami	LED	-	18.01 0.05 7.67 0.01	4.85 V
118	2015/6/8 10:20	T.Gogami	TOF coin	0		
PMTs were swapped, again						
119	2015/6/8 18:12	T.Gogami	LED	-	7.21 0.02 19.08 0.08	WC1: ZK6922 (-2000 V) WC2: ZK6920 (-2000 V)
120	2015/6/8 18:19	T.Gogami	TOF coin	0	106.5 0.3 98.1 0.3 203.5 0.8	
PMT individual performance test						
121	2015/6/9 19:05	T.Gogami	LED	-	-	WC1: ZK7306 (-2000 V) WC2: ZK7295 (-2000 V) 5.05V
122	2015/6/9 19:05	T.Gogami	LED	-	-	WC1: ZK7306 (-2000 V) WC2: ZK7295 (-2000 V) 5.10 V
123	2015/6/9 19:08	T.Gogami	TOF coin	0	-	WC1: ZK7306 (-2000 V) WC2: ZK7295 (-2000 V)
124	2015/6/9 19:14	T.Gogami	TOF coin	0	-	WC1: ZK7306 (-2150 V) WC2: ZK7295 (-2000 V)
125	2015/6/9 19:26	T.Gogami	TOF coin	0	117.1 0.5 101.4 1.0 216.9 0.8	WC1: ZK7306 (-2250 V) WC2: ZK7295 (-2000 V)
126	2015/6/10 9:40	T.Gogami	LED	-	WC1: 3.80 0.02	WC1: ZK7306 (-2250 V) WC2: ZK7295 (-2000 V) 50 us, 5.230 V, 0 V, 10 ns
127	2015/6/10 9:46	T.Gogami	LED	-	WC2: 6.31 0.02	WC1: ZK7306 (-2250 V) WC2: ZK7295 (-2000 V) 50 us, 5.300 V, 0 V, 10 ns
128	2015/6/10 18:31	T.Gogami	TOF coin	0	-	TEST RUN
129	2015/6/10 19:08	T.Gogami	TOF coin	0	111.1 0.4 102.1 0.5 213.1 0.6	WC1: ZK7313 (-2000 V) WC2: ZK7296 (-2000 V)
130	2015/6/11 13:33	T.Gogami	LED	-	WC1: 7.81 0.02	WC1: ZK7313 (-2000 V) WC2: ZK7296 (-2000 V) 50 us, 4.6 V, 0 V, 10 ns
131	2015/6/11 13:38	T.Gogami	LED	-	WC2: 4.19 0.02	WC1: ZK7313 (-2000 V) WC2: ZK7296 (-2000 V) 50 us, 4.7 V, 0 V, 10 ns

132	2015/6/11 17:23	T.Gogami	LED	–	WC1: 6.12 0.02	WC1: ZK7299 (–2000 V) WC2: ZK7305 (–2250 V) 50 us, 4.95 V, 0 V, 10 ns
133	2015/6/11 17:30	T.Gogami	LED	–	WC2: 4.44 0.02	WC1: ZK7299 (–2000 V) WC2: ZK7305 (–2250 V) 50 us, 5.10 V, 0 V, 10 ns
134	2015/6/11 17:35	T.Gogami	TOF coin	0	112.2 0.6 109.4 0.7 221.2 0.7	WC1: ZK7299 (–2000 V) WC2: ZK7305 (–2250 V)
135	2015/6/12 12:07	T.Gogami	TOF coin	0	–	WC1: ZK7301 (–2000 V) WC2: ZK7303 (–2000 V) TEST RUN
136	2015/6/12 13:32	T.Gogami	TOF coin	0	–	WC HVs: –2250 V
137	2015/6/12 13:47	T.Gogami	TOF coin	0	–	WC1: ZK7301 (–2250 V) WC2: ZK7303 (–2250 V)
138	2015/6/12 14:56	T.Gogami	LED	–	WC1: 6.31 0.04	WC1: ZK7301 (–2250 V) WC2: ZK7303 (–2250 V)
139	2015/6/12 15:00	T.Gogami	LED	–	WC2: 4.20 0.05	WC1: ZK7301 (–2250 V) WC2: ZK7303 (–2250 V)
140	2015/6/12 15:06	T.Gogami	TOF coin	0	126.7 0.4 113.5 0.4 240.5 0.6	WC1: ZK7301 (–2250 V) WC2: ZK7303 (–2250 V)
141	2015/6/15 16:43	T.Gogami	LED	–	WC1: 4.27 0.03	WC1: H6522–LA1537 (–2500 V)
142	2015/6/15 16:46	T.Gogami	LED	–	WC2: 5.26 0.03	WC2: H7195–RD7198 (–2300 V)
143	2015/6/15 16:55	T.Gogami	TOF coin	0	78.2 0.3 72.3 0.3 149.1 0.6	WC1: H6522–LA1537 (–2500 V) WC2: H7195–RD7198 (–2300 V)
144	2015/6/16 14:20	T.Gogami	LED	–	WC1: 3.84 0.04	WC1: H6522–LA1537 (–2500 V)
145	2015/6/16 14:20	T.Gogami	LED	–	WC2: 5.12 0.02	WC2: H7195–RD7198 (–2300 V)
146	2015/6/16 16:44	T.Gogami	LED	–	WC2: 16.05 0.05	WC1: ZK7308 (–2250 V) WC2: H1949–WA6589 (–2500 V) 4.33 V
147	2015/6/16 16:50	T.Gogami	LED	–	WC1: 11.82 0.07	WC1: ZK7308 (–2250 V) WC2: H1949–WA6589 (–2500 V) 4.30 V
148	2015/6/16 16:57	T.Gogami	TOF coin	0	115.8 0.3 59.7 0.3 174.1 0.5	WC1: ZK7308 (–2250 V) WC2: H1949–WA6589 (–2500 V)
149	2015/6/17 14:39	T.Gogami	LED	–	12.2 0.1 15.9 0.06	WC1: ZK7308 (–2250 V) WC2: H1949–WA6589 (–2500 V) 4.33 V
150	2015/6/17 17:06	T.Gogami	TOF coin	0	116.2 1.8 107.4 1.9 219.6 3.5	WC1: ZK7312 (–2250 V) WC1: ZK7302 (–2250 V) TEST RUN
151	2015/6/17 17:40	T.Gogami	LED	–	WC1: 6.46 0.03	WC1: ZK7312 (–2250 V) WC1: ZK7302 (–2250 V) 4.60 V
152	2015/6/17 17:45	T.Gogami	LED	–	WC2: 7.87 0.03	WC1: ZK7312 (–2250 V) WC1: ZK7302 (–2250 V) 4.83 V
153	2015/6/17 17:51	T.Gogami	TOF coin	0	114.0 0.5 102.5 0.4 217.6 1.3	WC1: ZK7312 (–2250 V) WC1: ZK7302 (–2250 V)
154	2015/6/18 11:17	T.Gogami	LED	–	WC1: 6.50 0.05	WC1: ZK7312 (–2250 V) WC1: ZK7302 (–2250 V) 4.60 V
155	2015/6/18 11:20	T.Gogami	LED	–	WC2: 7.80 0.04	WC1: ZK7312 (–2250 V) WC1: ZK7302 (–2250 V) 4.83 V
156	2015/6/18 14:32	T.Gogami	TOF coin	0	–	WC1: ZK7315 (–2250 V) WC2: ZK7311 (–2000 V) TEST RUN
157	2015/6/18 16:30	T.Gogami	TOF coin	0	–	WC1: ZK7315 (–2000 V) WC2: ZK7311 (–2000 V) TEST RUN

158	2015/6/18 16:58	T.Gogami	LED	–	WC1: 8.84 0.04	WC1: ZK7315 (–2250 V) WC2: ZK7311 (–2000 V) 4.70 V
159	2015/6/18 16:58	T.Gogami	LED	–	WC2: 10.88 0.04	WC1: ZK7315 (–2250 V) WC2: ZK7311 (–2000 V) 4.85 V
160	2015/6/18 17:08	T.Gogami	TOF coin	0	112.2 0.4 94.4 0.5 205.5 0.7	WC1: ZK7315 (–2250 V) WC2: ZK7311 (–2000 V)
161	2015/6/19 10:48	T.Gogami	LED	–	WC1: 9.02 0.05	WC1: ZK7315 (–2250 V) WC2: ZK7311 (–2000 V) 4.70 V
162	2015/6/19 10:48	T.Gogami	LED	–	WC2: 10.80 0.07	WC1: ZK7315 (–2250 V) WC2: ZK7311 (–2000 V) 4.85 V
163	2015/6/19 16:08	T.Gogami	TOF coin	0	–	WC1: ZK7300 (–2250 V) WC2: ZK7298 (–2250 V) TEST RUN
164	2015/6/19 16:14	T.Gogami	TOF coin	0	–	WC1: ZK7300 (–2250 V) WC2: ZK7298 (–2000 V) TEST RUN
165	2015/6/19 17:26	T.Gogami	LED	–	WC1: 7.63 0.04	WC1: ZK7300 (–2250 V) WC2: ZK7298 (–2000 V) 4.62 V
166	2015/6/19 17:29	T.Gogami	LED	–	WC2: 9.97 0.02	WC1: ZK7300 (–2250 V) WC2: ZK7298 (–2000 V) 4.75 V
167	2015/6/19 17:36	T.Gogami	TOF coin	0	110.7 0.6 97.7 0.7 208.5 1.1	WC1: ZK7300 (–2250 V) WC2: ZK7298 (–2000 V) This run was stopped at around 23:00 on 6/19.
168	2015/6/22 9:55	T.Gogami	TOF coin	0	–	WC1: ZK7300 (–2250 V) WC2: ZK7298 (–2000 V)
169	2015/6/22 12:51	T.Gogami	LED	–	WC1: 7.89 0.10	WC1: ZK7300 (–2250 V) WC2: ZK7298 (–2000 V) 4.62 V
170	2015/6/22 12:52	T.Gogami	LED	–	WC2: 10.11 0.06	WC1: ZK7300 (–2250 V) WC2: ZK7298 (–2000 V) 4.75 V
171	2015/6/22 12:59	T.Gogami	LED	–	WC2: 13.24 0.07	WC1: ZK7300 (–2250 V) WC2: ZK7298 (–2100 V) 4.62 V
172	2015/6/22 12:59	T.Gogami	LED	–	WC2: 16.42 0.09	WC1: ZK7300 (–2250 V) WC2: ZK7298 (–2200 V) 4.75 V
173	2015/6/22 12:59	T.Gogami	LED	–	WC2: 7.67 0.03	WC1: ZK7300 (–2250 V) WC2: ZK7298 (–1900 V) 4.75 V
174	2015/6/22 12:59	T.Gogami	LED	–	WC2: 5.62 0.02	WC1: ZK7300 (–2250 V) WC2: ZK7298 (–1800 V) 4.75 V
175	2015/6/22 12:59	T.Gogami	LED	–	WC1: 7.01 0.09	WC1: ZK7300 (–2200 V) WC2: ZK7298 (–1800 V) 4.62 V
176	2015/6/22 12:59	T.Gogami	LED	–	WC1: 5.68 0.04	WC1: ZK7300 (–2100 V) WC2: ZK7298 (–1800 V) 4.62 V
177	2015/6/22 12:59	T.Gogami	LED	–	WC1: 4.58 0.03	WC1: ZK7300 (–2000 V) WC2: ZK7298 (–1800 V) 4.62 V
178	2015/6/22 12:59	T.Gogami	LED	–	–	WC1: ZK7300 (–1900 V) WC2: ZK7298 (–1800 V) 4.62 V
179	2015/6/22 14:57	T.Gogami	TOF coin	0	–	WC1: ZK7304 (–2250 V) WC2: ZK7310 (–2250 V) TEST RUN
180	2015/6/22 16:48	T.Gogami	LED	–	WC1: 5.21 0.02	WC1: ZK7304 (–2250 V) WC2: ZK7310 (–2250 V) 4.65 V
181	2015/6/22 16:51	T.Gogami	LED	–	WC2: 4.58 0.01	WC1: ZK7304 (–2250 V) WC2: ZK7310 (–2250 V) 4.83 V

PHASE 7

182	2015/6/22 16:57	T.Gogami	TOF coin	0	103.4 0.6 98.7 0.6 201.2 0.6	WC1: ZK7304 (-2250 V) WC2: ZK7310 (-2250 V)
183	2015/6/23 10:50	T.Gogami	LED	-	WC1: 5.19 0.03	WC1: ZK7304 (-2250 V) WC2: ZK7310 (-2250 V) 4.65 V
184	2015/6/23 10:54	T.Gogami	LED	-	WC2: 4.63 0.03	WC1: ZK7304 (-2250 V) WC2: ZK7310 (-2250 V) 4.83 V
185	2015/6/23 10:59	T.Gogami	LED	-	WC2: 4.02 0.03	WC1: ZK7304 (-2250 V) WC2: ZK7310 (-2200 V) 4.83 V
186	2015/6/23 10:59	T.Gogami	LED	-	WC2: 3.20 0.01	WC1: ZK7304 (-2250 V) WC2: ZK7310 (-2100 V) 4.83 V
187	2015/6/23 10:59	T.Gogami	LED	-	-	WC1: ZK7304 (-2250 V) WC2: ZK7310 (-2000 V) 4.83 V
188	2015/6/23 10:59	T.Gogami	LED	-	WC1: 4.46 0.03	WC1: ZK7304 (-2200 V) WC2: ZK7310 (-2000 V) 4.65 V
189	2015/6/23 10:59	T.Gogami	LED	-	WC1: 3.64 0.03	WC1: ZK7304 (-2100 V) WC2: ZK7310 (-2000 V) 4.65 V
190	2015/6/23 15:14	T.Gogami	TOFcoin	0	-	WC1: ZK7307 (-2250 V) WC2: ZK7309 (-2250 V) TEST RUN
191	2015/6/23 18:07	T.Gogami	LED	-	WC1: 13.50 0.12	WC1: ZK7307 (-2250 V) WC2: ZK7309 (-2250 V) 4.45 V
192	2015/6/23 18:11	T.Gogami	LED	-	WC2: 7.71 0.04	WC1: ZK7307 (-2250 V) WC2: ZK7309 (-2250 V) 4.70 V
193	2015/6/23 18:19	T.Gogami	TOF coin	0	124.7 1.0 100.3 0.7 226.1 0.7	WC1: ZK7307 (-2250 V) WC2: ZK7309 (-2250 V)
194	2015/6/24 10:21	T.Gogami	LED	-	WC1: 13.50 0.01	WC1: ZK7307 (-2250 V) WC2: ZK7309 (-2250 V) 4.45 V
195	2015/6/24 10:24	T.Gogami	LED	-	WC2: 7.75 0.03	WC1: ZK7307 (-2250 V) WC2: ZK7309 (-2250 V) 4.70 V
196	2015/6/24 10:25	T.Gogami	LED	-	WC2: 7.00 0.06	WC1: ZK7307 (-2250 V) WC2: ZK7309 (-2200 V) 4.70 V
197	2015/6/24 10:25	T.Gogami	LED	-	WC2: 5.51 0.07	WC1: ZK7307 (-2250 V) WC2: ZK7309 (-2100 V) 4.70 V
198	2015/6/24 10:25	T.Gogami	LED	-	WC2: 4.14 0.04	WC1: ZK7307 (-2250 V) WC2: ZK7309 (-2000 V) 4.70 V
199	2015/6/24 10:25	T.Gogami	LED	-	WC2: 3.26 0.03	WC1: ZK7307 (-2250 V) WC2: ZK7309 (-1900 V) 4.70 V
200	2015/6/24 10:25	T.Gogami	LED	-	-	WC1: ZK7307 (-2200 V) WC2: ZK7309 (-1900 V) 4.45 V
201	2015/6/24 10:25	T.Gogami	LED	-	-	WC1: ZK7307 (-2100 V) WC2: ZK7309 (-1900 V) 4.45 V
202	2015/6/24 10:25	T.Gogami	LED	-	-	WC1: ZK7307 (-2000 V) WC2: ZK7309 (-1900 V) 4.45 V
203	2015/6/24 10:25	T.Gogami	LED	-	-	WC1: ZK7307 (-1900 V) WC2: ZK7309 (-1900 V) 4.45 V
204	2015/6/24 16:12	T.Gogami	TOF coin	0	-	WC1: ZK7316 (-2250 V) WC2: H7195UV-LA1528 (-2250 V) TEST RUN
205	2015/6/24 16:25	T.Gogami	TOF coin	0	-	WC1: ZK7316 (-2250 V) WC2: H7195UV-LA1528 (-2500 V) TEST RUN
206	2015/6/24 18:15	T.Gogami	TOF coin	0	-	WC1: ZK7316 (-2250 V) WC2: H7195UV-LA1528 (-2500 V)

207	2015/6/25 10:24	T.Gogami	TOF coin	0		WC1: ZK7316 (–2250 V) WC2: H7195UV–LA1528 (–2500 V)
208	2015/6/25 11:59	T.Gogami	LED	–	WC1: 3.31 0.02	WC1: ZK7316 (–2250 V) WC2: H7195UV–LA1528 (–2500 V) 4.47 V
209	2015/6/25 12:04	T.Gogami	LED	–	WC2: 7.56 0.03	WC1: ZK7316 (–2250 V) WC2: H7195UV–LA1528 (–2500 V) 4.65 V
210	2015/6/25 12:09	T.Gogami	LED	–	WC1: 3.28 0.03	WC1: ZK7316 (–2250 V) WC2: H7195UV–LA1528 (–2500 V) 4.45 V
211	2015/6/26 14:21	T.Gogami	TOF coin	0	–	WC1: ZK6925 (–2250 V) WC2: ZK6919 (–2250 V) TEST RUN
212	2015/6/26 15:52	T.Gogami	LED	–	WC1: 7.04 0.02	WC1: ZK6925 (–2250 V) WC2: ZK6919 (–2250 V) 4.70 V
213	2015/6/26 15:57	T.Gogami	LED	–	WC2: 11.18 0.04	WC1: ZK6925 (–2250 V) WC2: ZK6919 (–2250 V) 4.90 V
214	2015/6/26 16:06	T.Gogami	TOF coin	0	113.0 0.4 104.8 0.3 217.5 0.5	WC1: ZK6925 (–2250 V) WC2: ZK6919 (–2250 V) This run was stopped at 6:24 on 6/27.
215	2015/6/29 10:29	T.Gogami	TOF coin	0		WC1: ZK6925 (–2250 V) WC2: ZK6919 (–2250 V)
216	2015/6/29 14:10	T.Gogami	LED	–	WC1: 7.00 0.02	WC1: ZK6925 (–2250 V) WC2: ZK6919 (–2250 V) 4.70 V
217	2015/6/29 14:13	T.Gogami	LED	–	WC2: 11.31 0.05	WC1: ZK6925 (–2250 V) WC2: ZK6919 (–2250 V) 4.90 V
218	2015/6/29 14:14	T.Gogami	LED	–		WC1: ZK6925 (–2250 V) WC2: ZK6919 (–2200 V) 4.90 V
219	2015/6/29 14:14	T.Gogami	LED	–		WC1: ZK6925 (–2250 V) WC2: ZK6919 (–2100 V) 4.90 V (Less events)
220	2015/6/29 14:14	T.Gogami	LED	–		WC1: ZK6925 (–2250 V) WC2: ZK6919 (–2000 V) 4.90 V
221	2015/6/29 14:14	T.Gogami	LED	–		WC1: ZK6925 (–2250 V) WC2: ZK6919 (–1900 V) 4.90 V
222	2015/6/29 14:14	T.Gogami	LED	–		WC1: ZK6925 (–2250 V) WC2: ZK6919 (–1800 V) 4.90 V
223	2015/6/29 14:14	T.Gogami	LED	–		WC1: ZK6925 (–2200 V) WC2: ZK6919 (–1800 V) 4.70 V
224	2015/6/29 14:14	T.Gogami	LED	–		WC1: ZK6925 (–2100 V) WC2: ZK6919 (–1800 V) 4.70 V
225	2015/6/29 14:14	T.Gogami	LED	–		WC1: ZK6925 (–2000 V) WC2: ZK6919 (–1800 V) 4.70 V
226	2015/6/29 14:14	T.Gogami	LED	–		WC1: ZK6925 (–1900 V) WC2: ZK6919 (–1800 V) 4.70 V
227	2015/6/29 14:14	T.Gogami	LED	–		WC1: ZK6925 (–1900 V) WC2: ZK6919 (–2100 V) 4.90 V
Test of grease ON / OFF						
228	2015/6/29 18:11	T.Gogami	TOF coin	0	–	WC1: ZK6922 (–2000 V) WC2: ZK6920 (–2000 V, no grease) TEST RUN
229	2015/6/29 19:07	T.Gogami	TOF coin	0	114.3 0.7 63.6 0.3 177.3 0.7	WC1: ZK6922 (–2000 V) WC2: ZK6920 (–2000 V, no grease)

HASE8

230	2015/6/30 10:29	T.Gogami	LED	–	WC1: 6.98 0.03	WC1: ZK6922 (–2000 V) WC2: ZK6920 (–2000 V, no grease) 4.65 V
231	2015/6/30 10:36	T.Gogami	LED	–	WC2: 19.39 0.04	WC1: ZK6922 (–2000 V) WC2: ZK6920 (–2000 V, no grease) 4.90 V
232	2015/6/30 13:11	T.Gogami	TOF coin	0	–	WC1: ZK6922 (–2000 V) WC2: ZK6920 (–2000 V, with grease) TEST RUN
233	2015/6/30 14:38	T.Gogami	TOF coin	0	111.6 0.5 98.2 0.4 209.6 0.6	WC1: ZK6922 (–2000 V) WC2: ZK6920 (–2000 V, with grease)

Long term stability test

234	2015/7/1 10:41	T.Gogami	LED	–	WC1: 6.97 0.02	WC1: ZK6922 (–2000 V) WC2: ZK6920 (–2000 V, with grease) 4.65 V
235	2015/7/1	T.Gogami	LED	–	WC2: 19.09 0.04	WC1: ZK6922 (–2000 V) WC2: ZK6920 (–2000 V, with grease) 4.83 V
236	2015/7/1 17:21	T.Gogami	TOF coin	0	112.7 0.2 98.4 0.3 209.1 0.6	WC1: ZK6922 (–2000 V) WC2: ZK6920 (–2000 V, with grease)
237	2015/7/6 17:43	T.Gogami	LED	–	WC1: 6.89 0.02	WC1: ZK6922 (–2000 V) WC2: ZK6920 (–2000 V, with grease) 4.65 V
238	2015/7/6 17:48	T.Gogami	LED	–	WC2: 19.20 0.04	WC1: ZK6922 (–2000 V) WC2: ZK6920 (–2000 V, with grease) 4.83 V
239	2015/7/6 17:54	T.Gogami	TOF coin	0	113.0 0.2 98.3 0.2 209.3 0.3	WC1: ZK6922 (–2000 V) WC2: ZK6920 (–2000 V, with grease)
240	2015/7/13 18:19	T.Gogami	TOF coin	0	114.0 0.2 98.4 0.2 211.6 0.2	
241	2015/7/21 18:29	T.Gogami	TOF coin	0	114.2 0.4 98.8 0.4 212.6 0.5	This run was stopped at 6:24 on 7/23
242	2015/7/23 14:25	T.Gogami	TOF coin	0	114.3 0.2 98.6 0.2 211.7 0.3	
243	2015/7/31 17:35	T.Gogami	TOF coin	0	–	
244	2015/8/3 18:53	T.Gogami	TOF coin	0	115.7 0.2 99.4 0.3 212.5 0.5	
245	2015/8/5 17:43	T.Gogami	TOF coin	0	114.4 0.3 98.5 0.2 210.9 0.5	This run was stopped at 11:23 on 8/8.
246	2015/8/17 10:33	T.Gogami	TOF coin	0	114.2 0.3 98.7 0.5 210.3 0.9	
247	2015/8/18 15:01	T.Gogami	TOF coin	0	–	End time: 8/20 18:41
248		T.Gogami	TOF coin	0	113.6 0.4 98.4 0.3 210.6 0.7	End time: 8/22 22:32
249		T.Gogami	TOF coin	0	113.2 0.4 98.5 0.3 211.6 0.4	End time: 8/25 3:33
250		T.Gogami	TOF coin	0	113.1 0.3 98.2 0.3 211.2 0.4	End time: 8/27 9:53

PHASE9

251		T.Gogami	TOF coin	0	113.8 0.2 98.3 0.3 211.5 0.7	End time: 8/29 15:53
252		T.Gogami	TOF coin	0	112.8 0.3 98.1 0.3 209.1 0.5	End time: 8/31 21:45
253		T.Gogami	TOF coin	0	115.1 1.0 98.4 0.3 211.1 0.6	This run was terminated at 10:46 on 9/1 by hand.
254	2015/9/1 10:54	T.Gogami	LED	–	WC2: 19.81 0.04	50 us, 4.83 V, 10 ns
255	2015/9/1 10:58	T.Gogami	LED	–	WC1: 7.16 0.02	50 us, 4.65 V, 10 ns
Shut down						