

HV-EPICS Test Station Status Report

June 26, 2019

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1. Started test on A7030TN module located at slot 0.
 - 1.1. Modified Novice CSS-BOY screen to monitor main parameters for each channel.
 - 1.2. Wrote two JAVA scripts to enable the option to turn ON/OFF for all 36 channels at once.

TEST HV CAEN SLOT 0 - Novice							
Expert Control				ALL ON/OFF			
Ch#	Description	Pw	VMon	Imon	Status	Vset	Iset
00	CHANNEL00	ON ●	10.08 Volt	-0.034 microAm	ON	10.00 Volt	101.00 microAm
01	CHANNEL01	ON ●	9.96 Volt	-0.042 microAm	ON	10.00 Volt	101.00 microAm
02	CHANNEL02	ON ●	9.86 Volt	-0.136 microAm	ON	10.00 Volt	101.00 microAm
03	CHANNEL03	ON ●	9.97 Volt	-0.098 microAm	ON	10.00 Volt	101.00 microAm
04	CHANNEL04	ON ●	10.09 Volt	-0.122 microAm	ON	10.00 Volt	101.00 microAm
05	CHANNEL05	ON ●	9.88 Volt	-0.040 microAm	ON	10.00 Volt	101.00 microAm
06	CHANNEL06	ON ●	10.17 Volt	-0.068 microAm	ON	10.00 Volt	101.00 microAm
07	CHANNEL07	ON ●	9.52 Volt	-0.104 microAm	ON	10.00 Volt	101.00 microAm
08	CHANNEL08	ON ●	9.74 Volt	-0.140 microAm	ON	10.00 Volt	101.00 microAm
09	CHANNEL09	ON ●	10.13 Volt	-0.058 microAm	ON	10.00 Volt	101.00 microAm
10	CHANNEL10	ON ●	10.09 Volt	-0.074 microAm	ON	10.00 Volt	101.00 microAm
11	CHANNEL11	ON ●	9.52 Volt	-0.092 microAm	ON	10.00 Volt	101.00 microAm
12	CHANNEL12	ON ●	9.85 Volt	-0.120 microAm	ON	10.00 Volt	101.00 microAm
13	CHANNEL13	ON ●	9.82 Volt	-0.098 microAm	ON	10.00 Volt	101.00 microAm
14	CHANNEL14	ON ●	9.63 Volt	-0.054 microAm	ON	10.00 Volt	101.00 microAm
15	CHANNEL15	ON ●	9.93 Volt	-0.050 microAm	ON	10.00 Volt	101.00 microAm
16	CHANNEL16	ON ●	9.93 Volt	-0.048 microAm	ON	10.00 Volt	101.00 microAm
17	CHANNEL17	ON ●	9.71 Volt	-0.052 microAm	ON	10.00 Volt	80.00 microAm
18	CHANNEL18	ON ●	10.68 Volt	-0.076 microAm	ON	10.00 Volt	101.00 microAm
19	CHANNEL19	ON ●	10.07 Volt	-0.022 microAm	ON	10.00 Volt	101.00 microAm
20	CHANNEL20	ON ●	10.01 Volt	-0.052 microAm	ON	10.00 Volt	101.00 microAm
21	CHANNEL21	ON ●	10.04 Volt	0.002 microAm	ON	10.00 Volt	101.00 microAm
22	CHANNEL22	ON ●	9.74 Volt	-0.060 microAm	ON	10.00 Volt	101.00 microAm
23	CHANNEL23	ON ●	9.78 Volt	-0.088 microAm	ON	10.00 Volt	101.00 microAm
24	CHANNEL24	ON ●	1.64 Volt	-0.128 microAm	ON	0.00 Volt	101.00 microAm
25	CHANNEL25	ON ●	0.77 Volt	-0.046 microAm	ON	0.00 Volt	101.00 microAm
26	CHANNEL26	ON ●	0.00 Volt	-0.072 microAm	ON	0.00 Volt	101.00 microAm
27	CHANNEL27	ON ●	1.45 Volt	-0.014 microAm	ON	0.00 Volt	101.00 microAm
28	CHANNEL28	ON ●	1.42 Volt	0.026 microAm	ON	0.00 Volt	101.00 microAm
29	CHANNEL29	ON ●	1.51 Volt	-0.102 microAm	ON	0.00 Volt	101.00 microAm
30	CHANNEL30	ON ●	1.33 Volt	-0.086 microAm	ON	0.00 Volt	101.00 microAm
31	CHANNEL31	ON ●	0.35 Volt	-0.110 microAm	ON	0.00 Volt	101.00 microAm
32	CHANNEL32	ON ●	1.52 Volt	-0.072 microAm	ON	0.00 Volt	101.00 microAm
33	CHANNEL33	ON ●	0.93 Volt	-0.048 microAm	ON	0.00 Volt	101.00 microAm
34	CHANNEL34	ON ●	0.00 Volt	-0.130 microAm	ON	0.00 Volt	101.00 microAm
35	CHANNEL35	ON ●	1.22 Volt	-0.062 microAm	ON	0.00 Volt	101.00 microAm

A7030TN HV Module Novice CSS-BOY screen