

## **Hall C HV Testing Project Status Report**

**Date: August 7, 2019**

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### 1. CAEN A7030TN load circuit

1.1. Resistor ordered after confirmation of load calculations. The multiplexer will use a combination of 1 M ohm and a 5 M ohm resistor to provide a 0.5 M ohm, a 1.5 M ohm, or a 6 M ohm load. These loads will allow multiple CAEN HV modules to produce full current or full voltage, without exceeding the power limit of the given module type.

### 2. New test chassis design.

2.1.1. Rear panel design 80% complete. 48 SHV connectors will be in parallel with 48 channels of Radiall 52 pin. There will be 4 control connectors (15 pin D) and a connector for the module interlock, which will insure the chassis is safe from HV if it has the cover off.