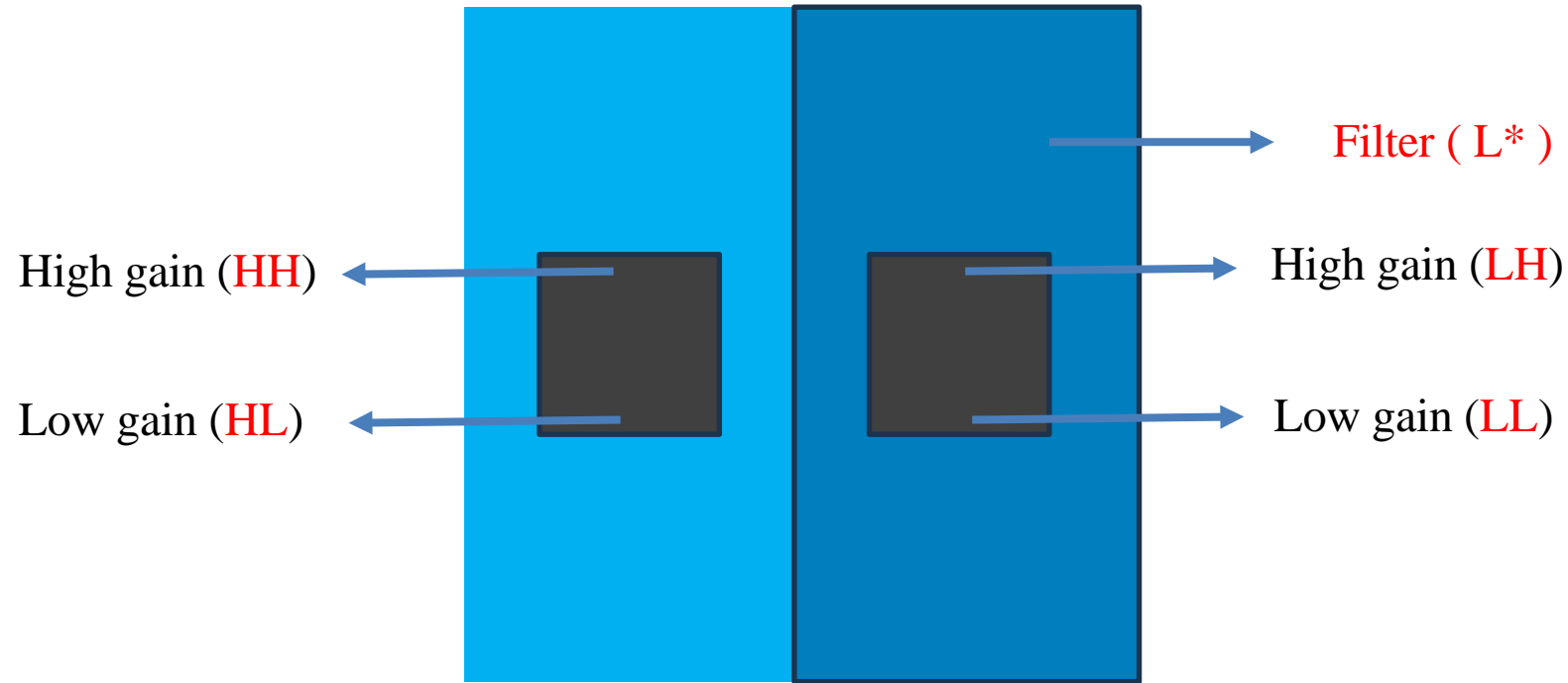


4 channels' LED test on HEIC-Cube

Yanshuo ZHANG

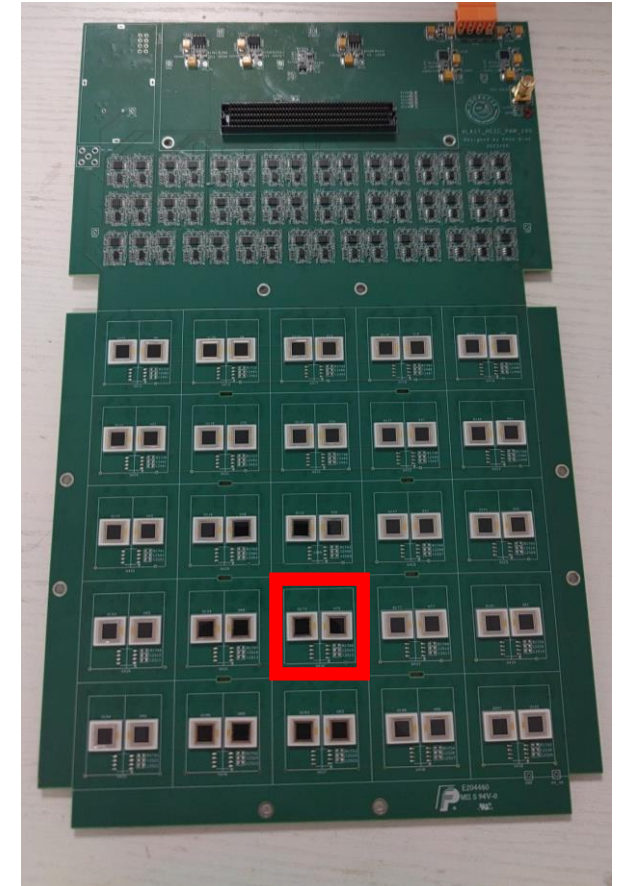
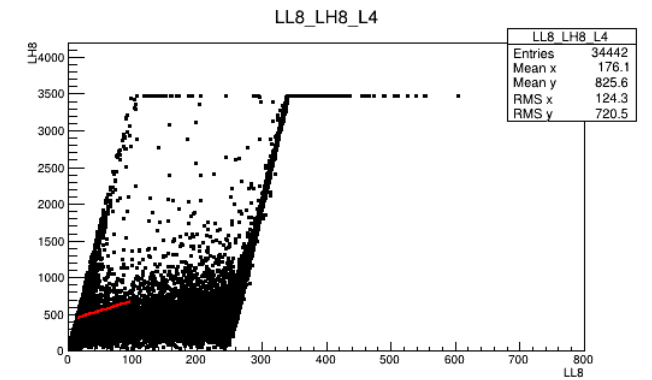
2023.11.16

Readout scheme of HEIC-Cube

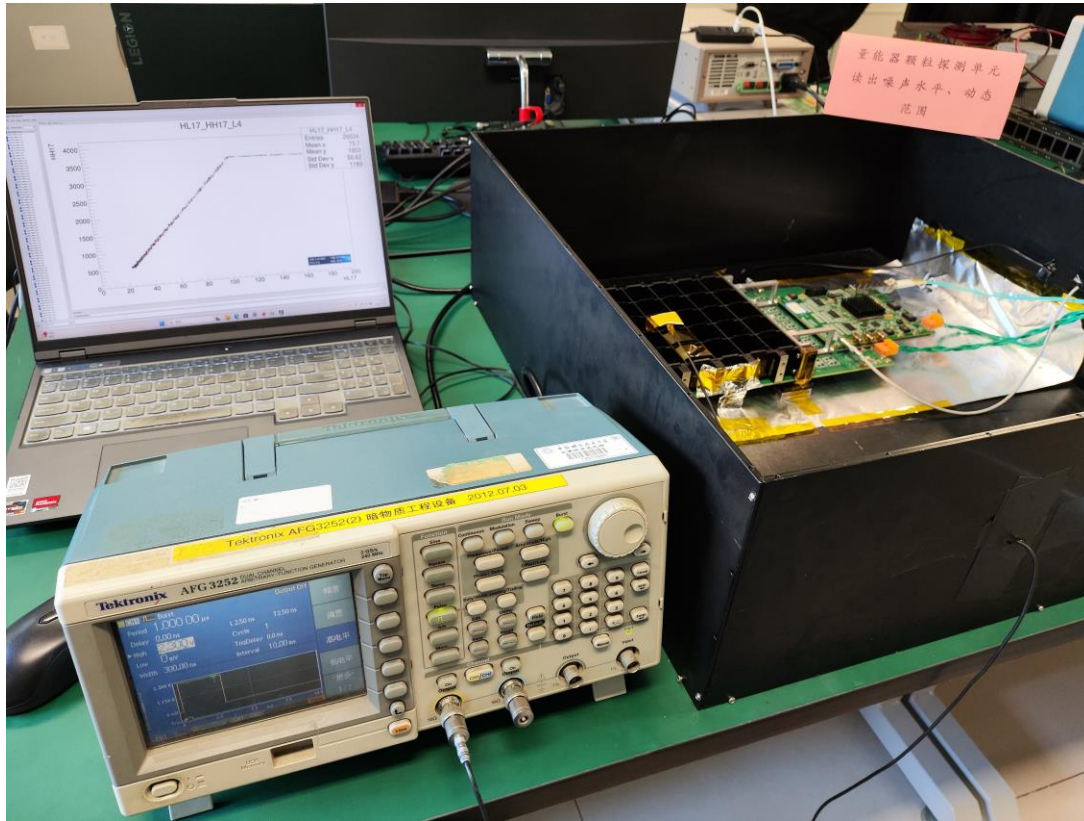


Different APDs use **filters** to realize high-low gain. (H* / L*)

One APD realizes high-low gain by **electronics**. (*H / *L)

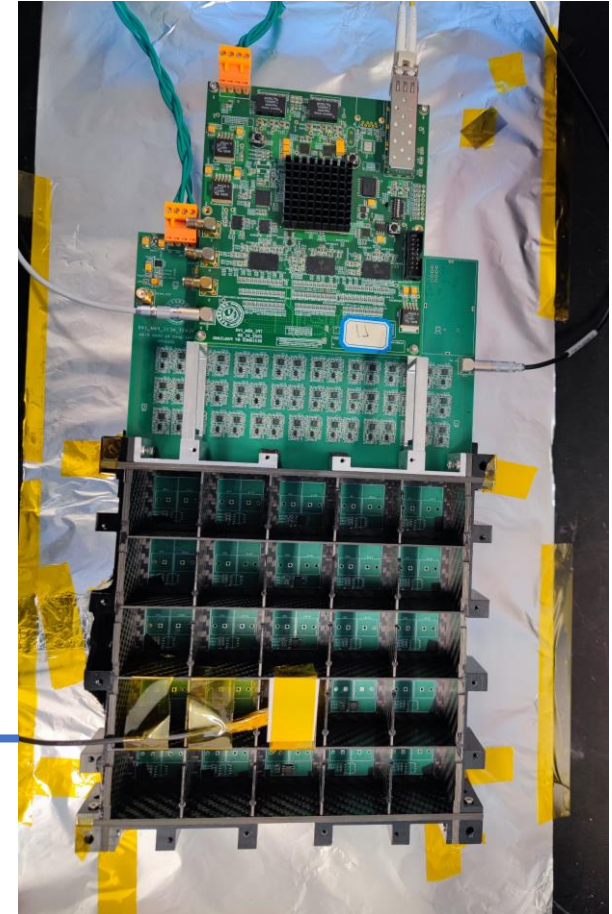


Testing system structure

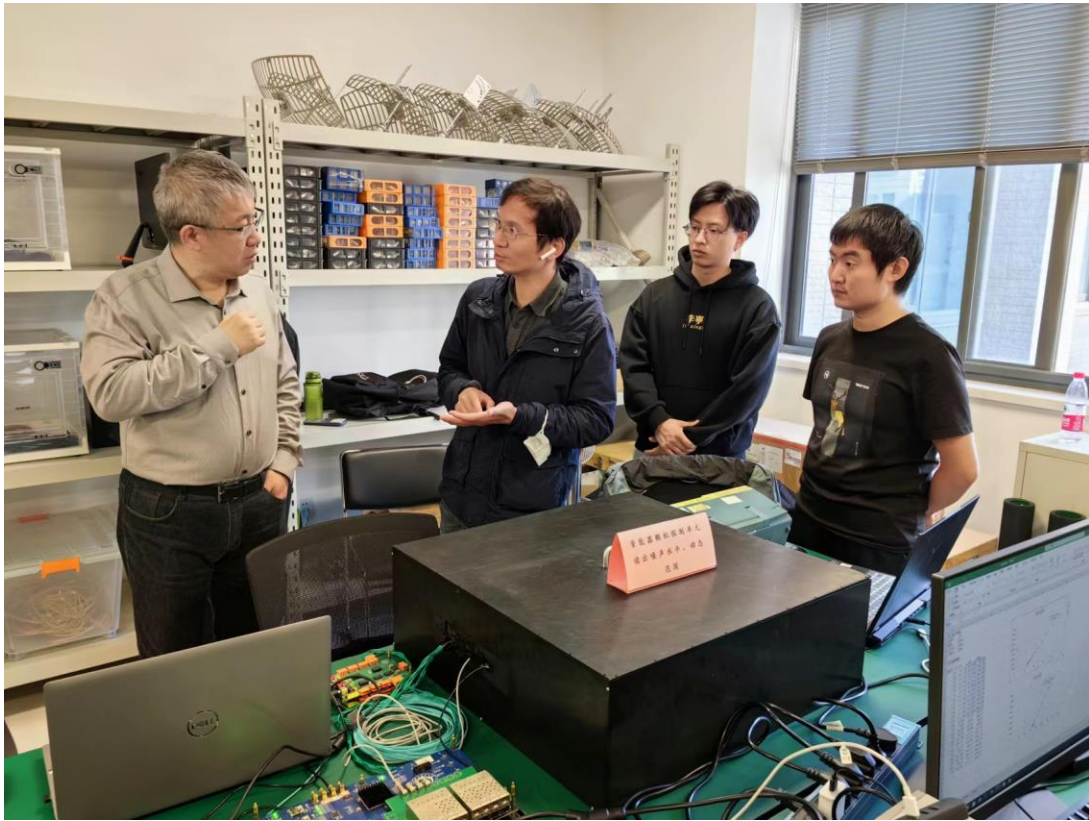
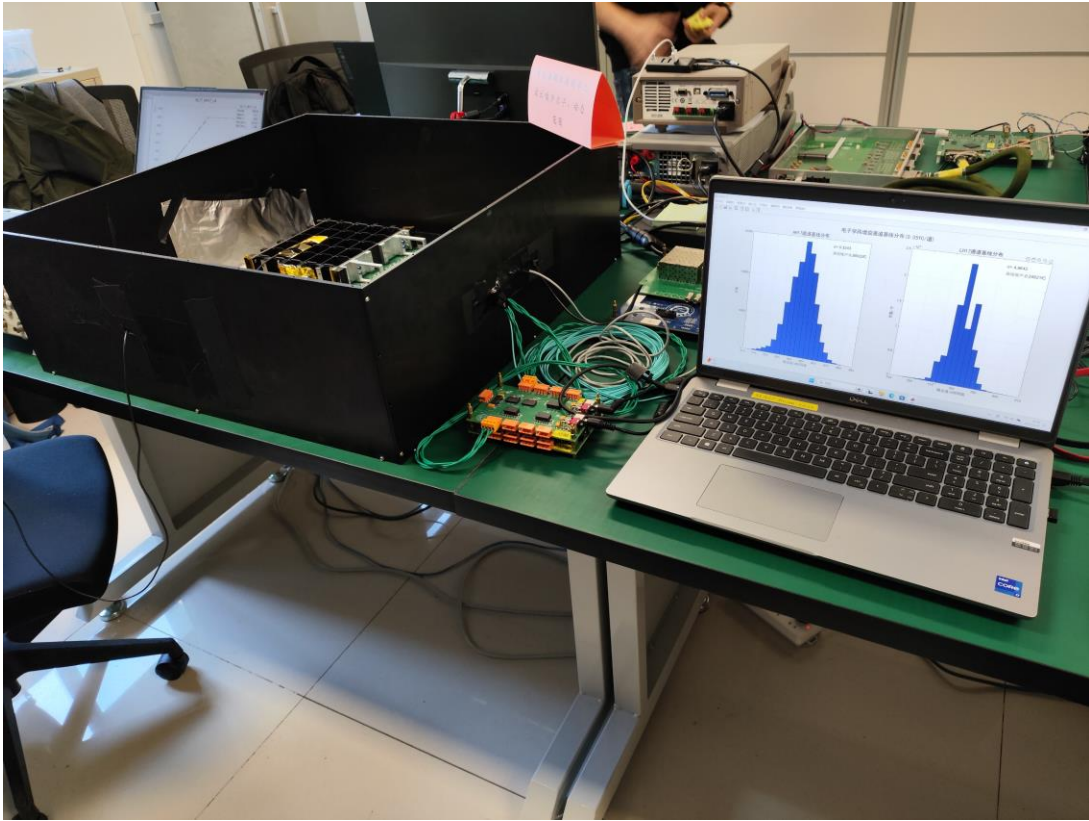


Width : 300ns;
0 | (2.3V~9V);
Pulse; 100Hz;

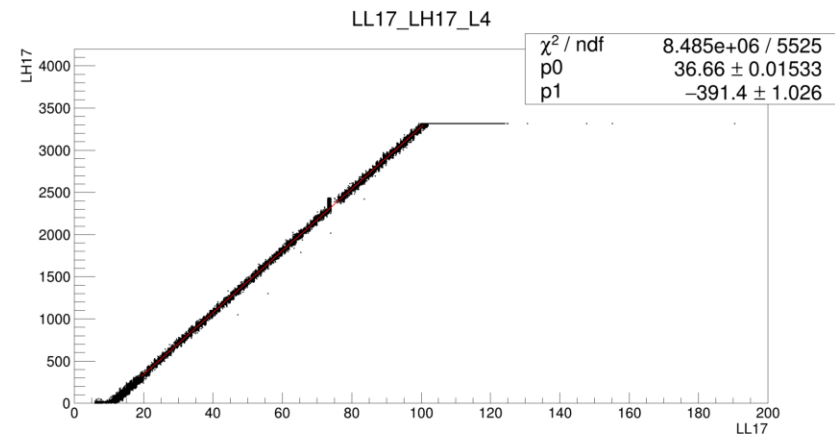
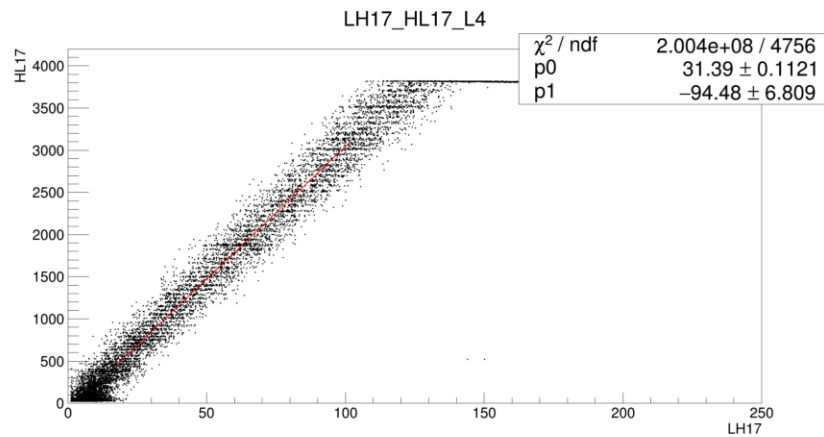
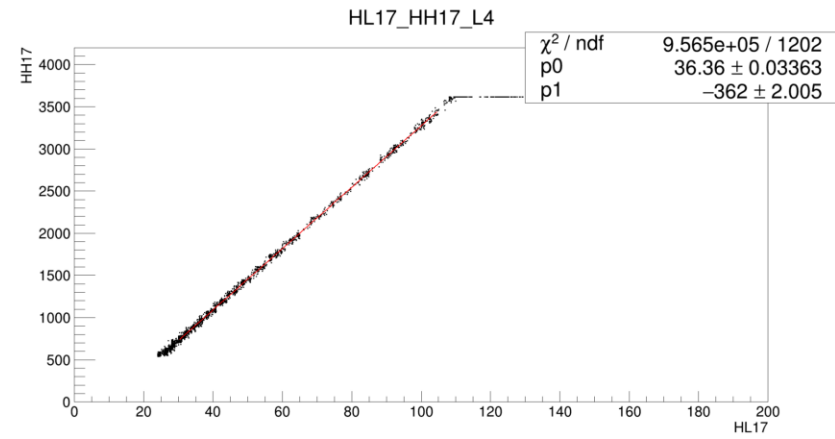
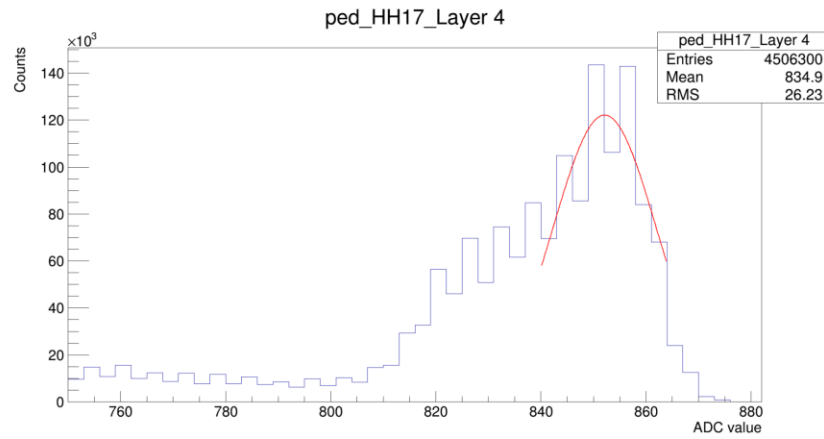
Waveform
generator



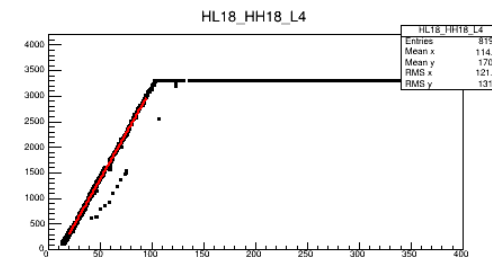
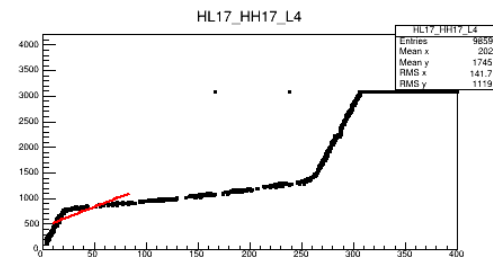
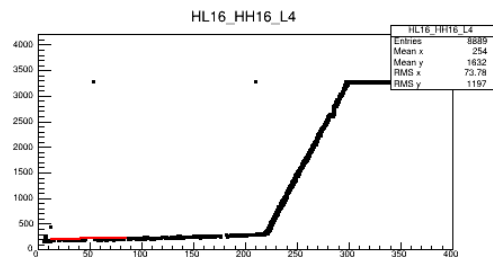
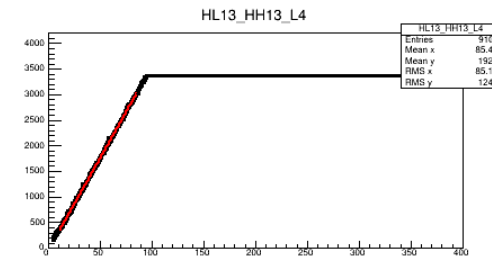
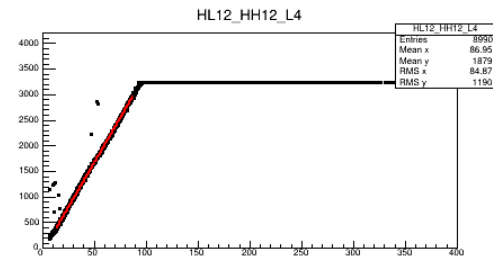
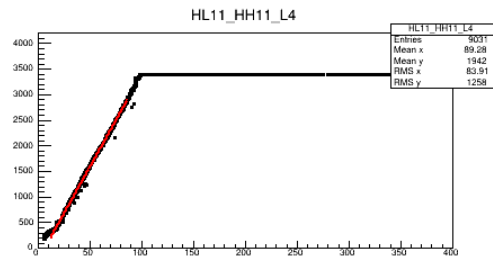
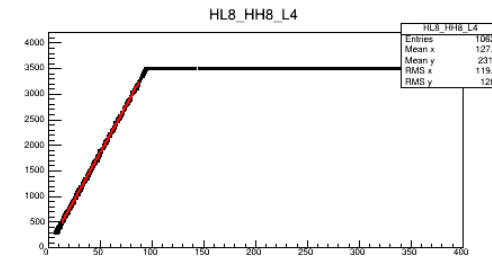
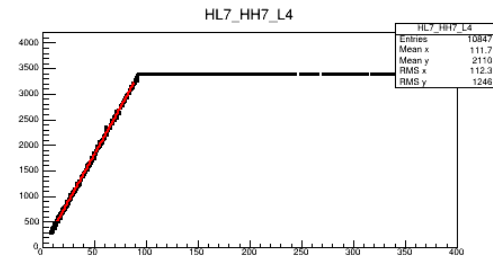
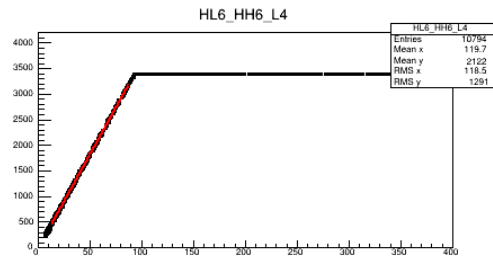
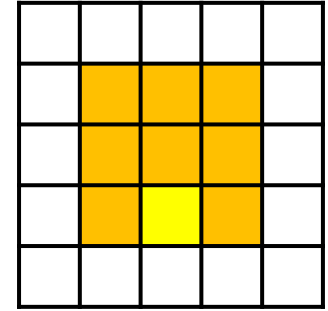
Site photos



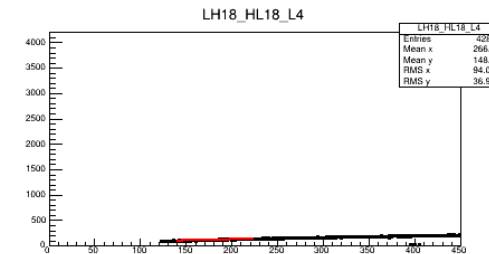
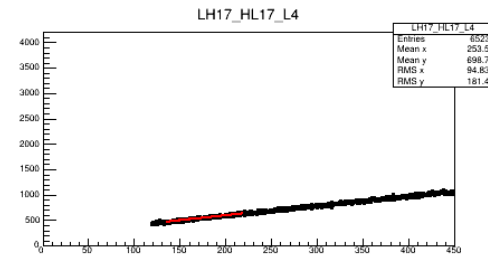
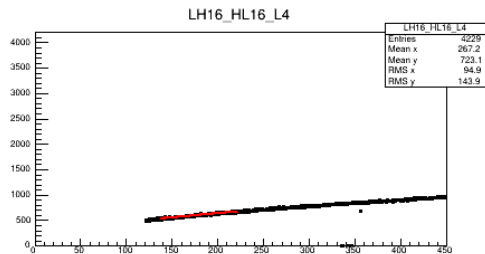
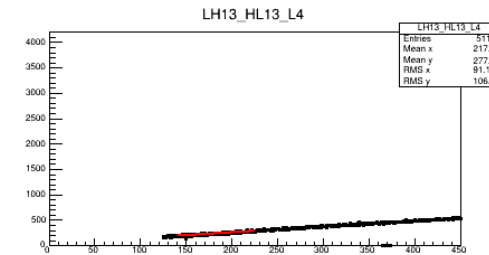
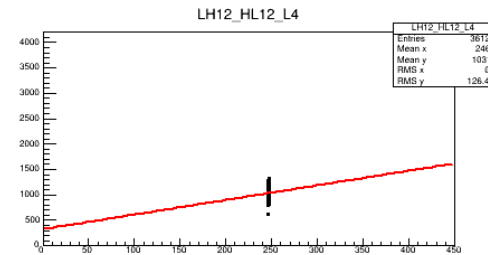
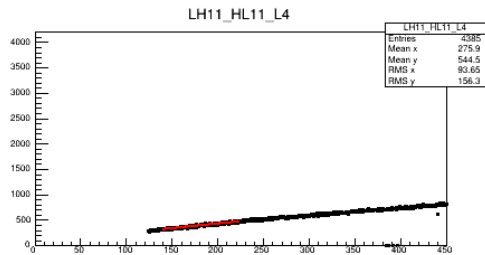
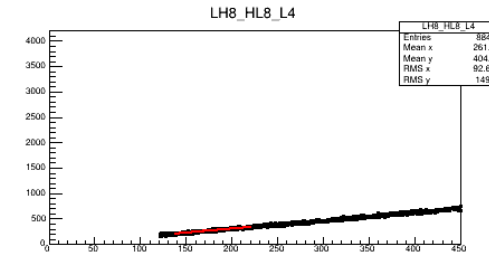
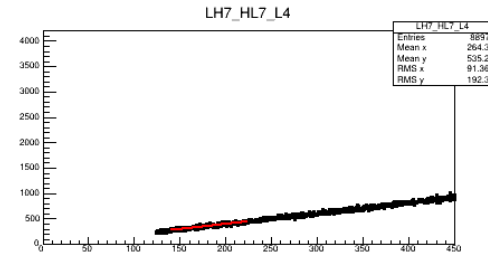
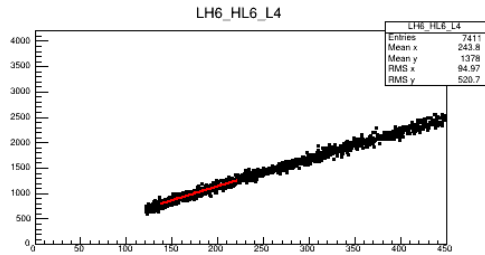
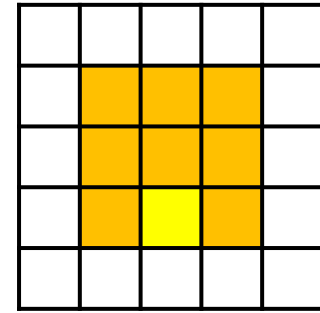
One LED test result



Crosstalk recurrent



Crosstalk recurrent



Crosstalk recurrent

