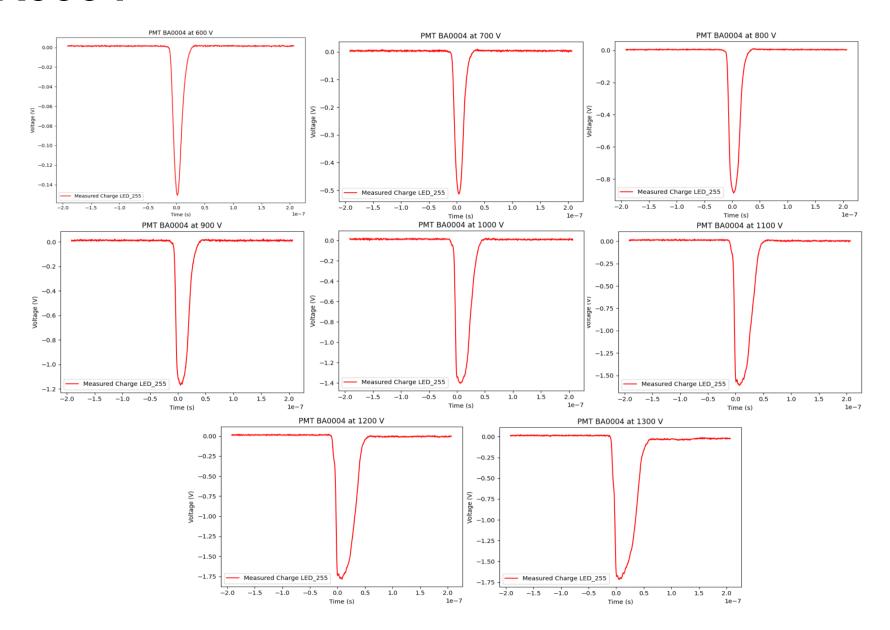


PMT Calibration: Initial Measurments

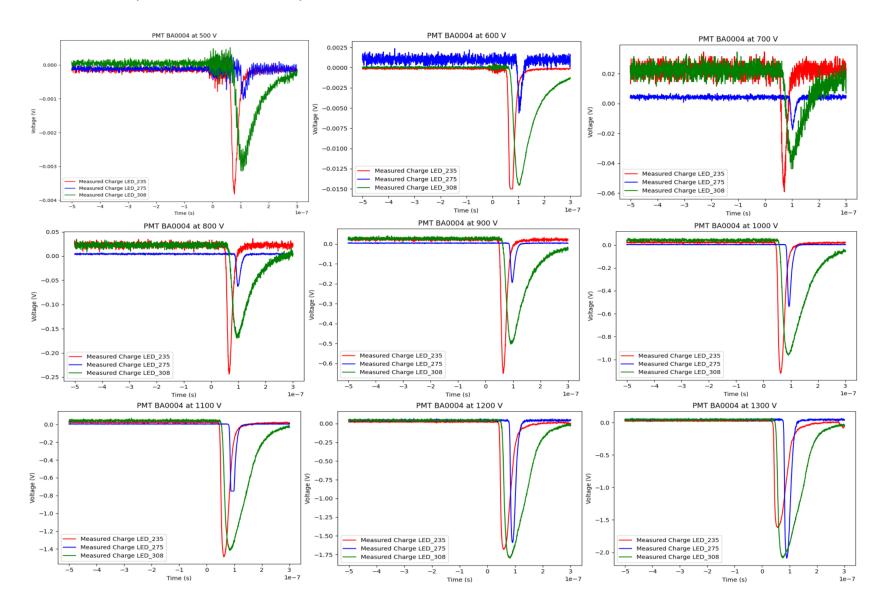
Testing conditions

LED A: 25V
Pulse frequency: 1kHz
High level: 5 V
Low level: 0 V
Pulse width: 20ns
LED D: 8V
Pulse frequency: 1kHz
Pulse frequency: 1kHz
High level: 5 V
High level: 5 V
Low level: 0 V
Pulse width: 50ns
Pulse width: 20ns

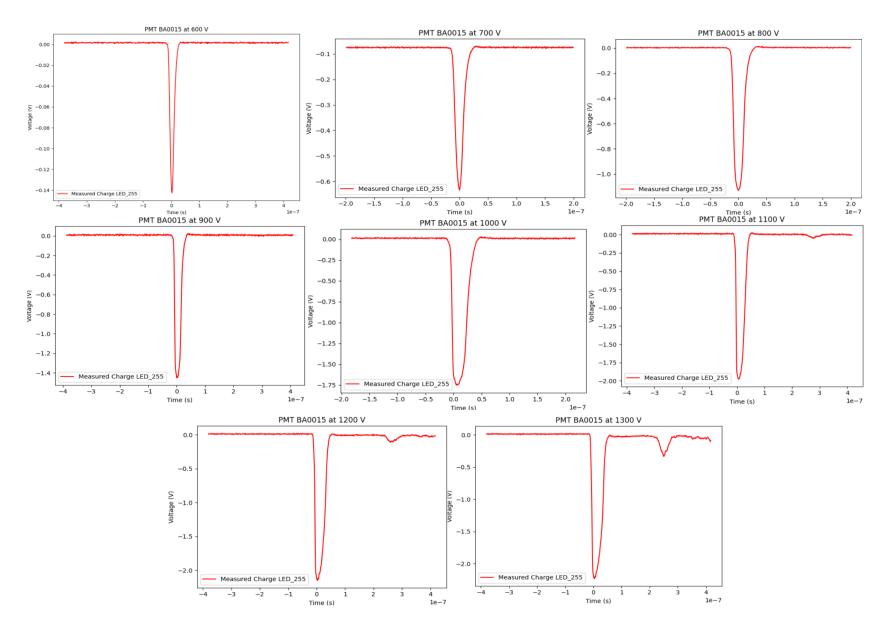
PMT BA0004 (First LED board)



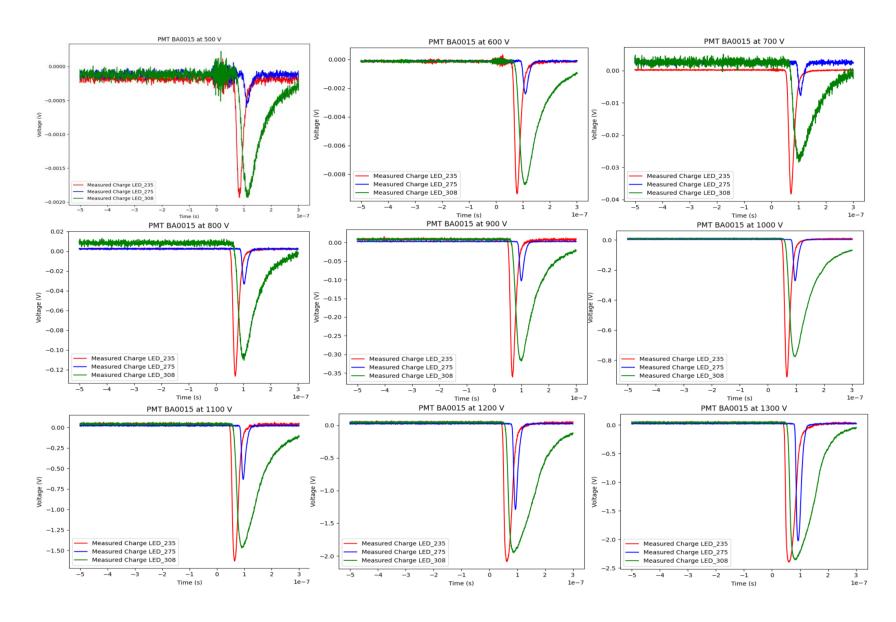
PMT BA0004 (New LED board)



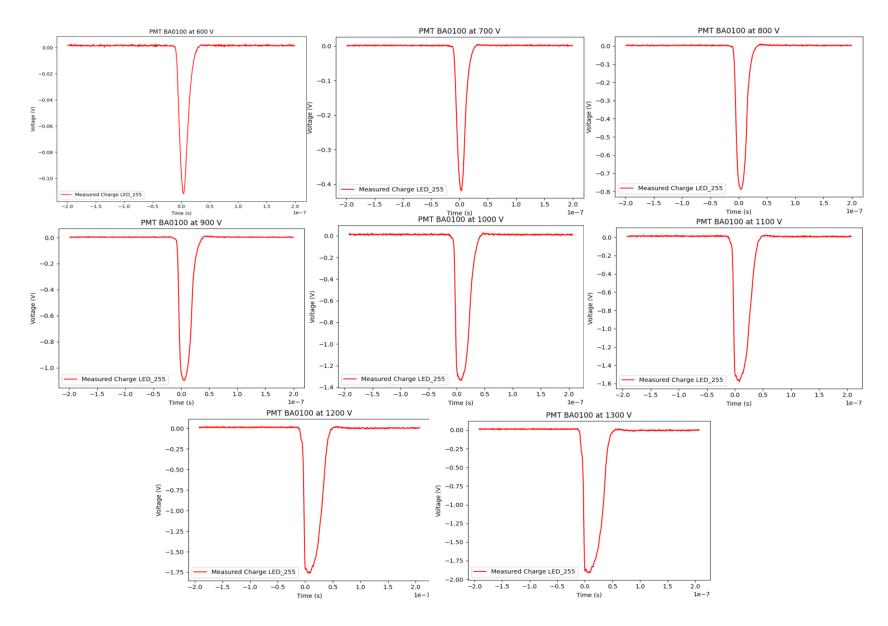
PMT BA0015 (First LED board)



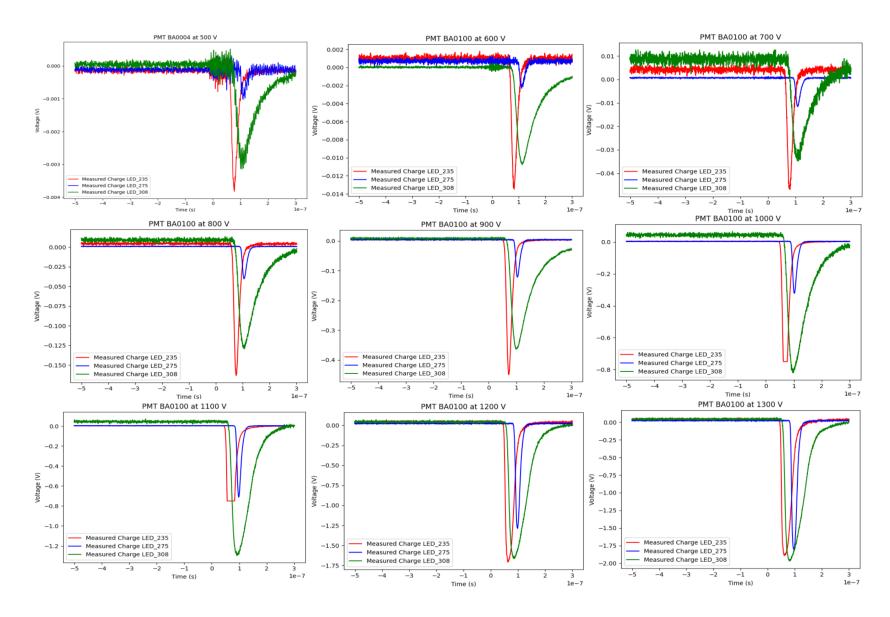
PMT BA0015 (New LED board)



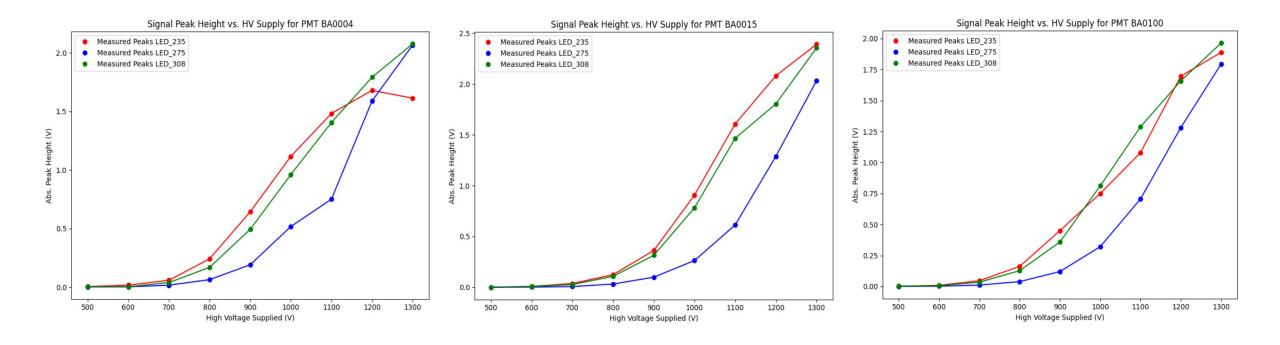
PMT BA0100 (First LED board)

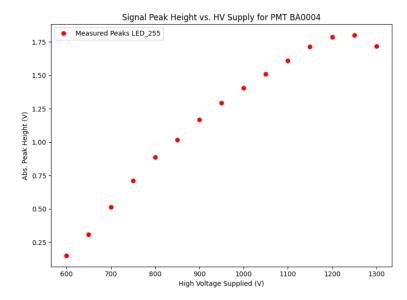


PMT BA0100 (New LED board)

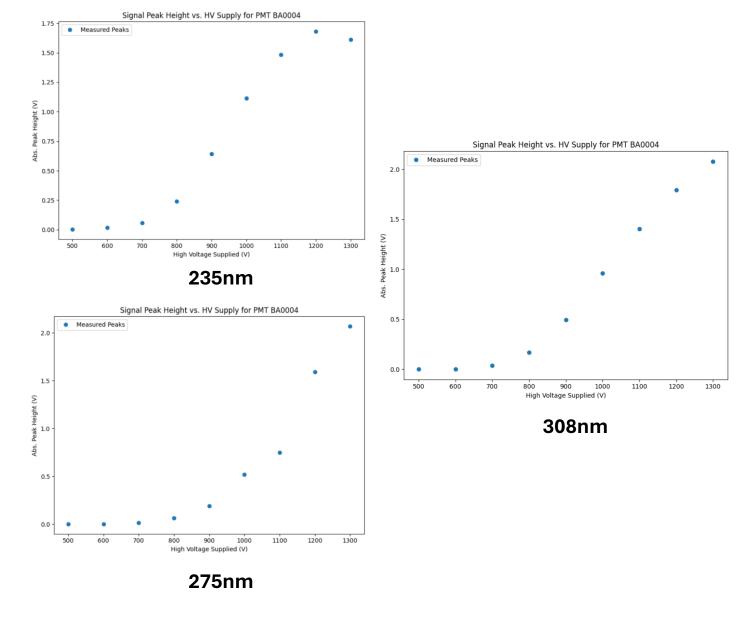


Linearity Measurments

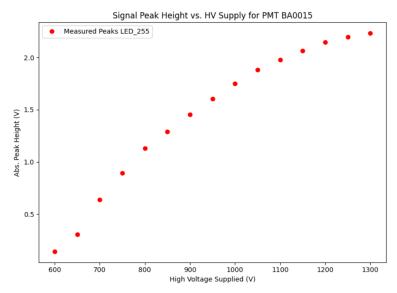




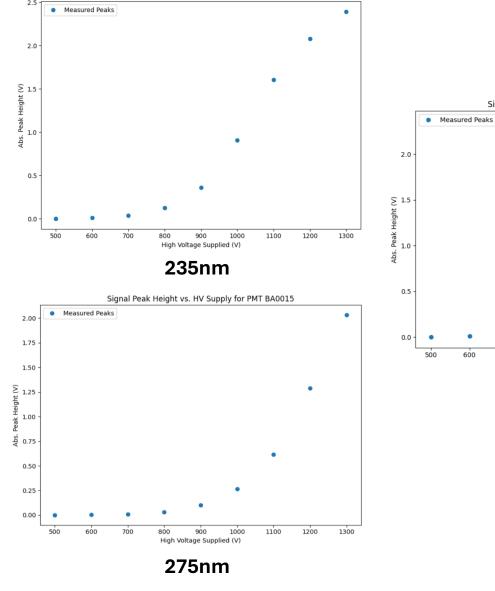
First LED board: 255nm



New LED board



First LED board: 255nm



Signal Peak Height vs. HV Supply for PMT BA0015

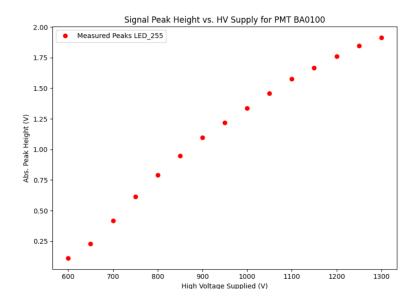
New LED board

Signal Peak Height vs. HV Supply for PMT BA0015

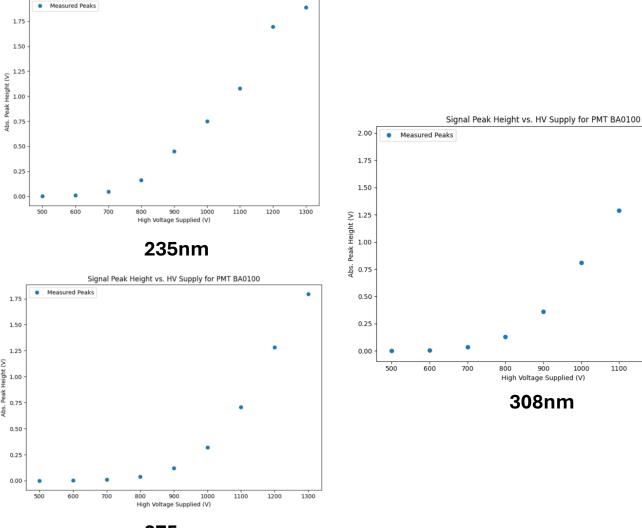
High Voltage Supplied (V)

308nm

1200

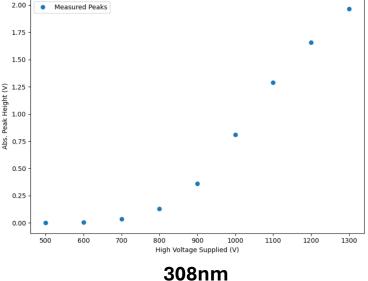


First LED board: 255nm



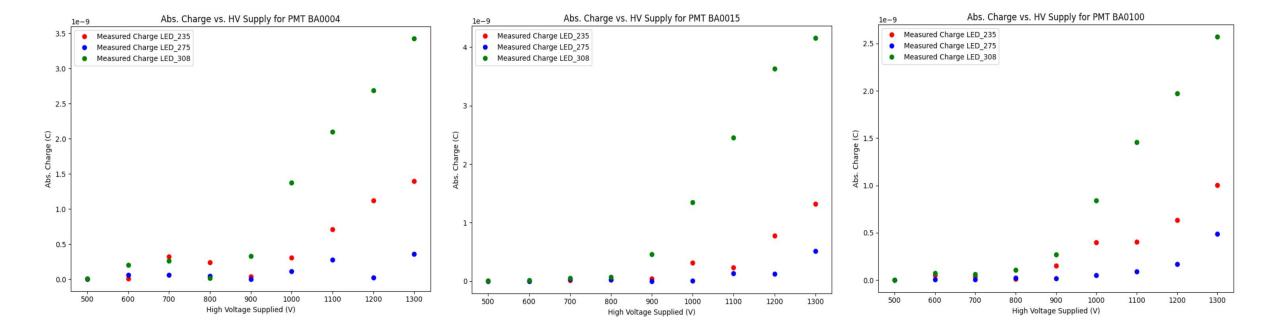
275nm

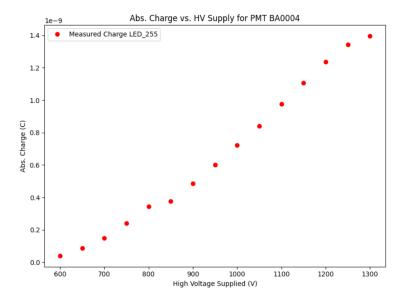
Signal Peak Height vs. HV Supply for PMT BA0100



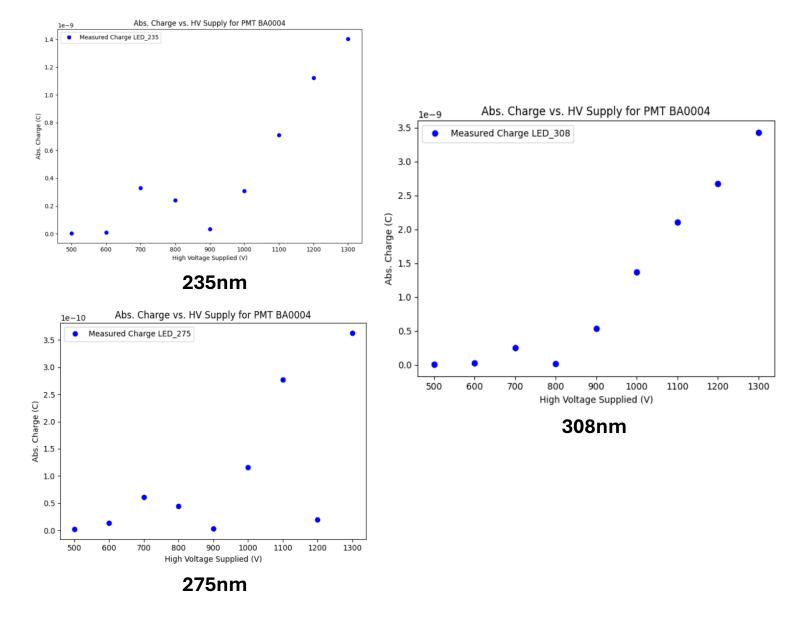
New LED board

Charge Measurments

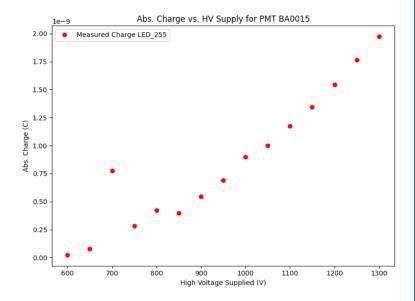




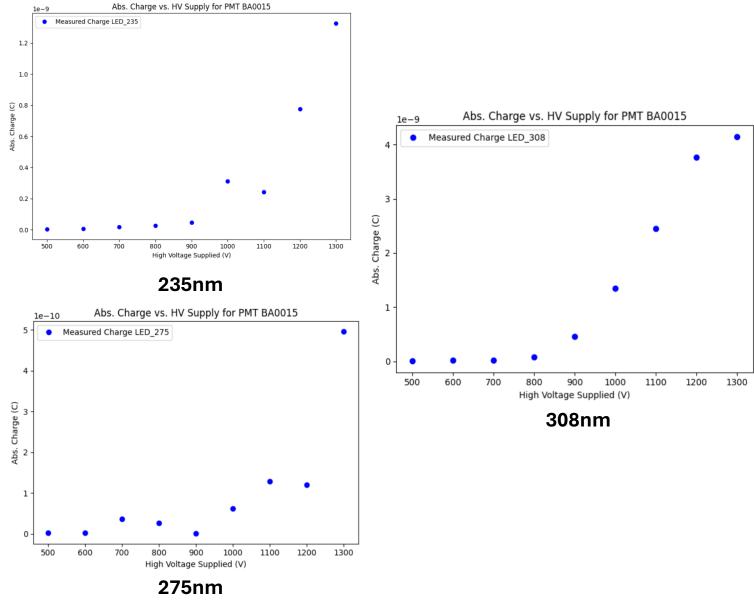
First LED board: 255nm



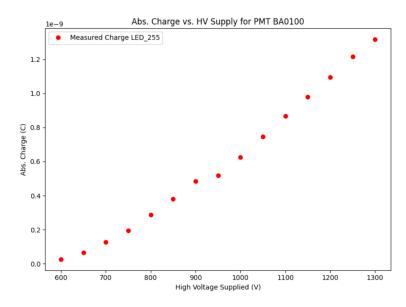
New LED board



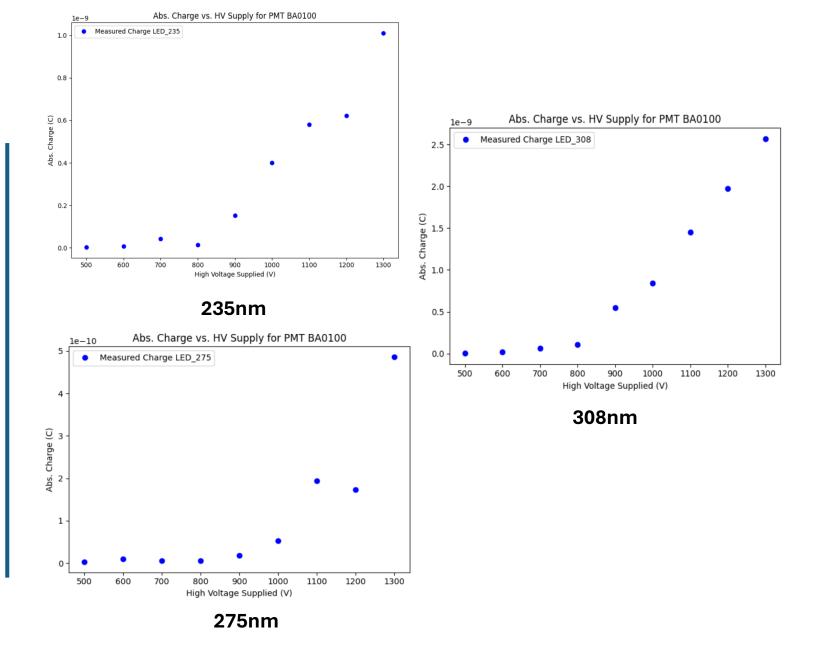
First LED board: 255nm



New LED board



First LED board: 255nm



New LED board