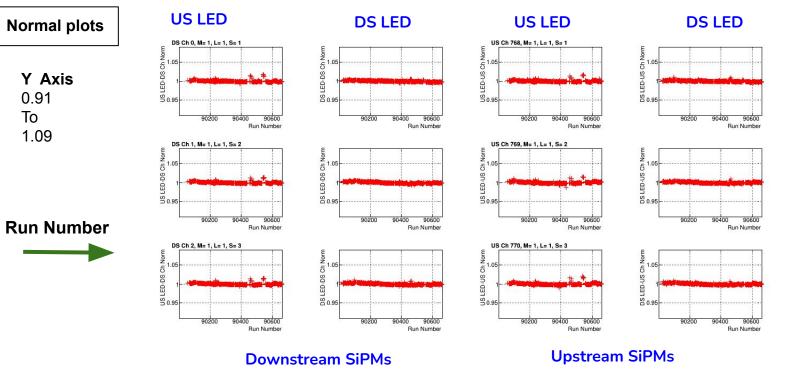
LED Monitoring Update Calorimetry meeting 05 Jan 2022

Varun Neelamana





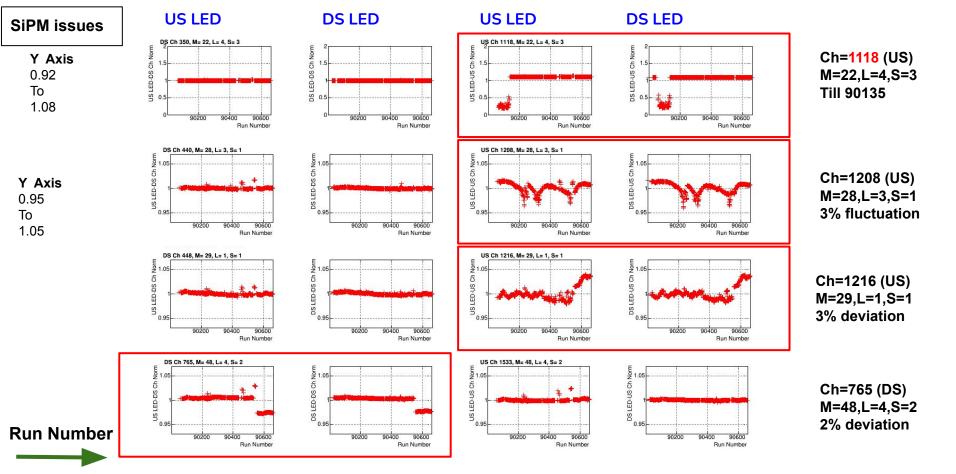


SRC-592 Runs

Y Axis 0.91 To

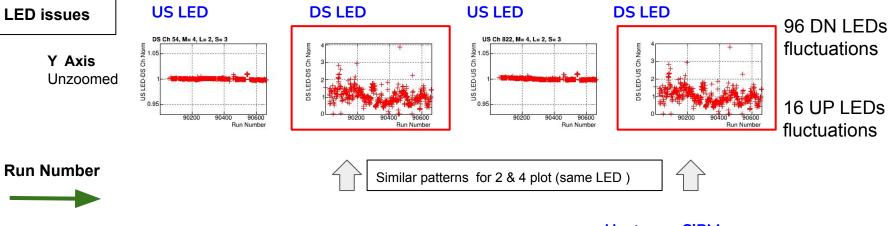
1.09

- 90001-90662
- Both DS and US LEDs are pulsing



Downstream SiPMs

Upstream SiPMs



Downstream SiPMs

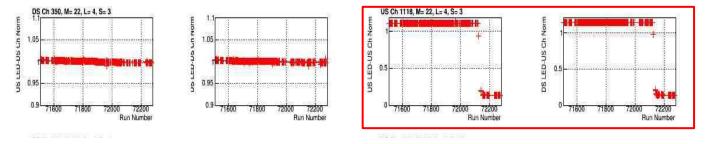
Upstream SiPMs

Conclusions

- SiPM and LED operation mostly nominal for SRC run
- SiPMs 1118, 1208, 1216, 765 had deviations
- 112 out 1536 LEDs has fluctuations (previously reported)

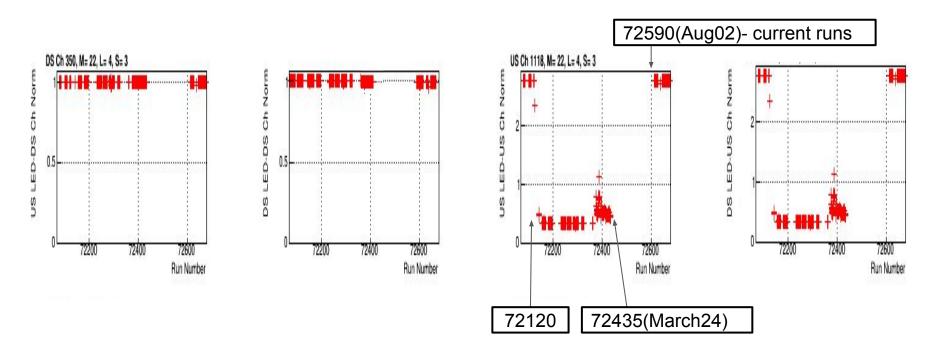
Channels with issues

- Fall 2021 1118, 1270, 1218, 1246, 461
- Spring 2020 1118



Ch 1118 Hot Channel (after Run No. 72120) Reported

Ch 1118 remained hot channel for run range 72120 - 72435



The x axis ranges from 72068 - 72680 including the new runs. In between there was a jump in gain from 72362- 72435.