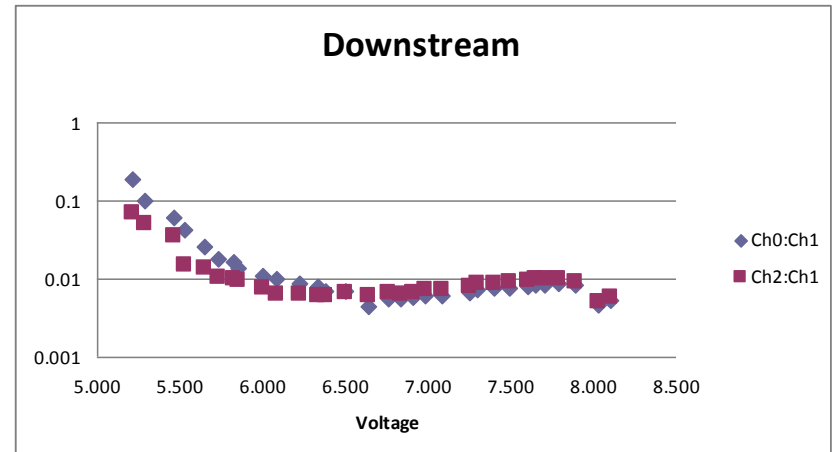


Mini-BCAL

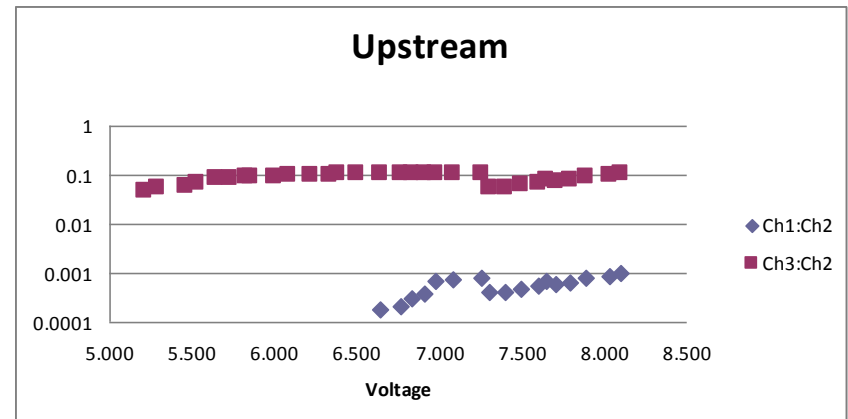
- Temperature of chiller set at 16.3°
- Ran DAQ for each tenth of a trigger volt to gain understanding of cross talk and to obtain best voltage for optimal LED performance.
- Below is the schematic of mini-BCAL channels:

Cross Talk

Channel 0 to Channel 1 in blue
to Channel 2 to Channel 1 in
purple of the Downstream.

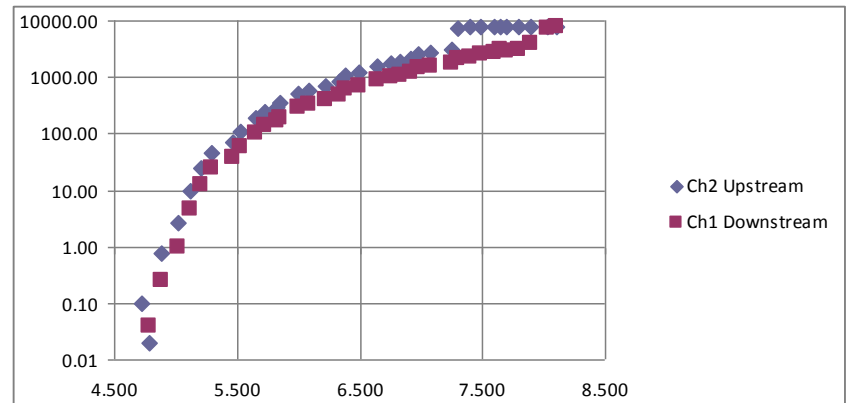
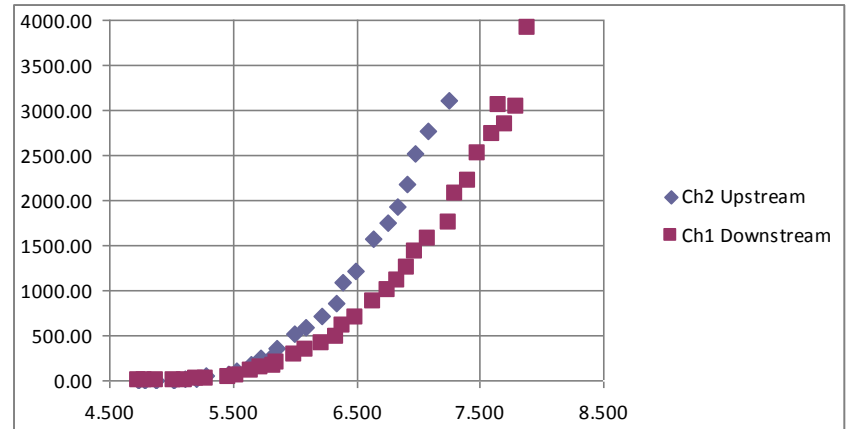


Channel 1 to Channel 2 in
blue and Channel 3 to
Channel 2 in purple of the
Upstream.

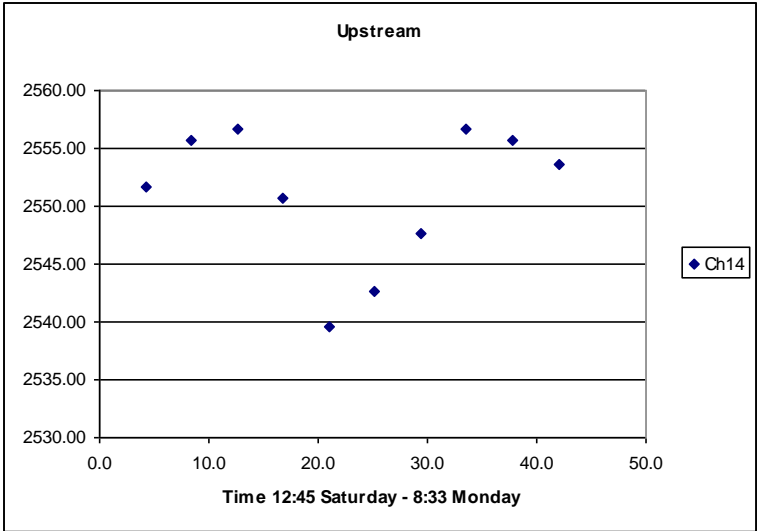
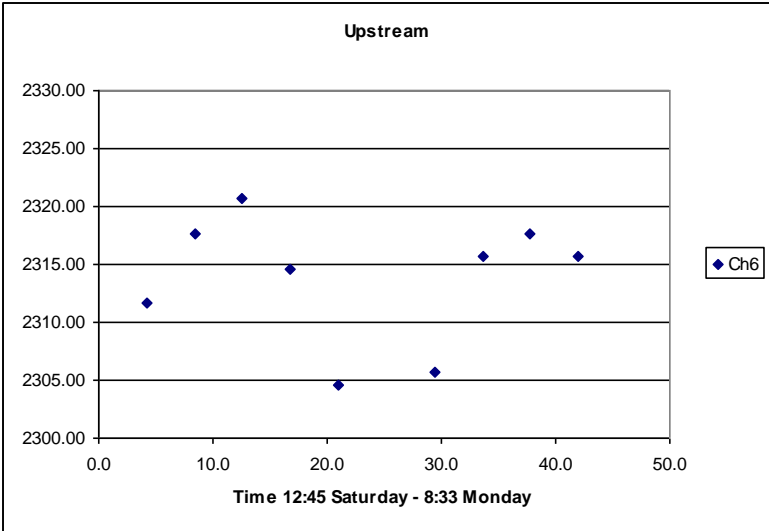
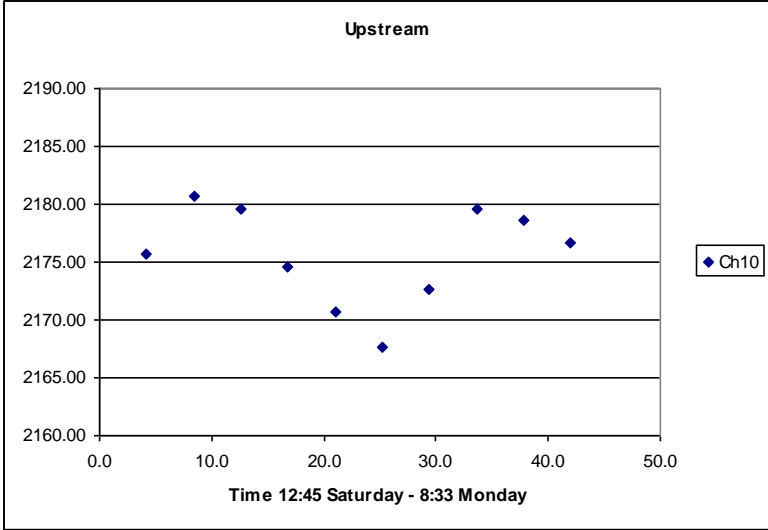
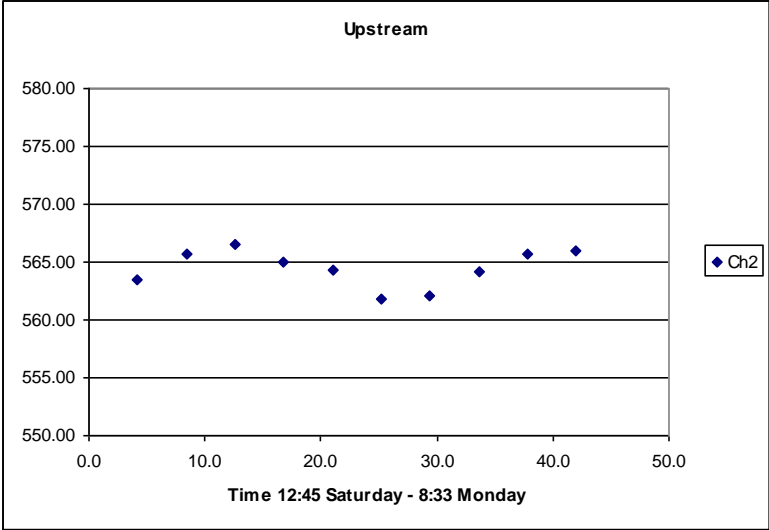


Voltage Amplitude

Channel 2 of Upstream to corresponding Channel 1 of Downstream.



LED Stability



LED Stability

