

First look to SSP Data @ICEBERG

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ICEBERG-PD Meeting

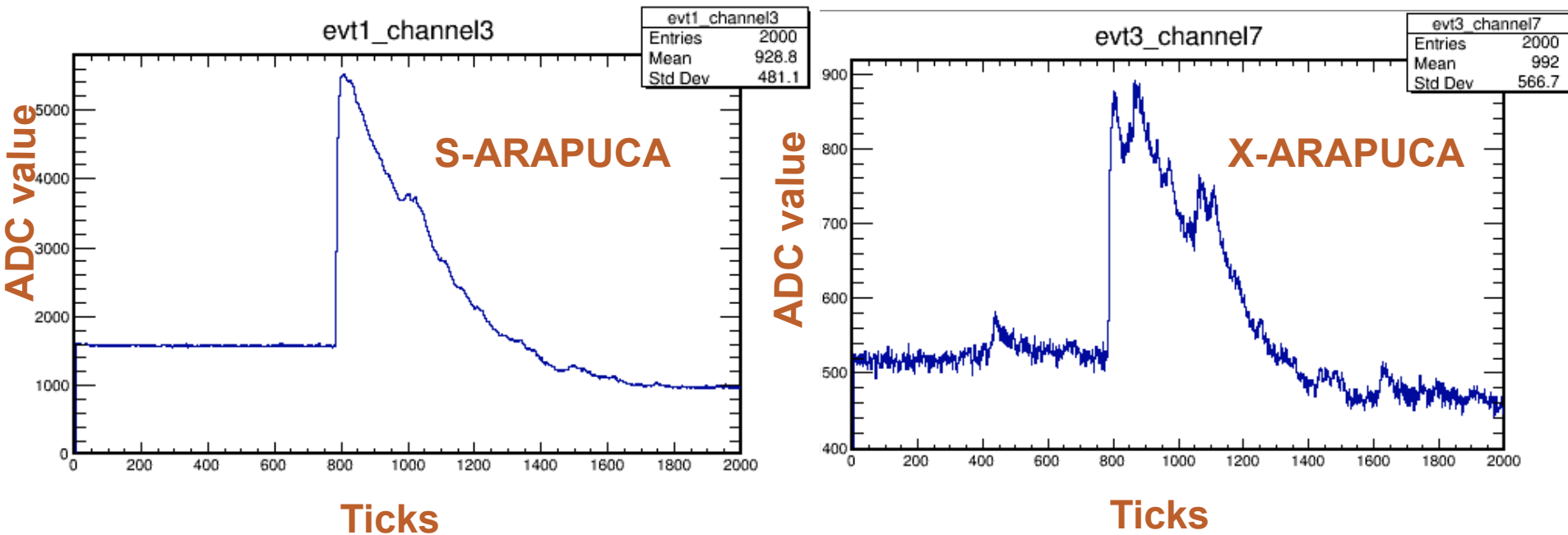


Introduction

- Earlier we had a timing issue, in the integration of DAQ with SSP.
- Kurt Biery (many thanks!) has edited the anlBoard/DeviceInterface.cxx file to comment out the wait for the status of the timing system endpoint to change from 6 to 8.
- From his note, "It seems that the control of the Timing system is not being done with an artdaq BoardReader at the ICEBERG teststand, so my suspicion was that this status will never change value - unless we add in a Timing BoardReader at some point"
- On Friday morning (27th Sep 2019) we have collected 15mins of data from SSP with both detectors (S-ARAPUCA and X-ARAPUCA) turned on.
- The data files are in /data1/dropbox_staging/iceberg_r002297_sr01_20190927T150325_1_dl1.root

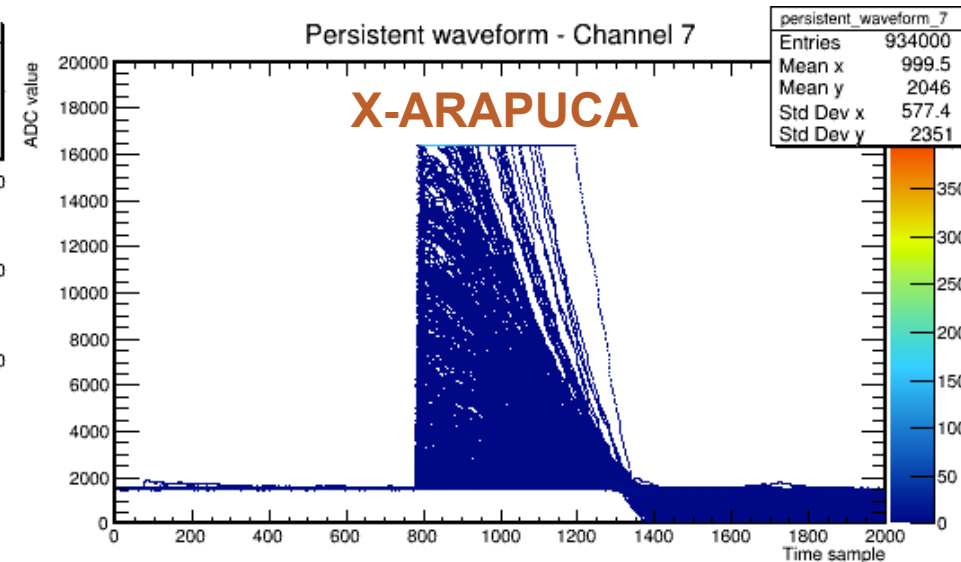
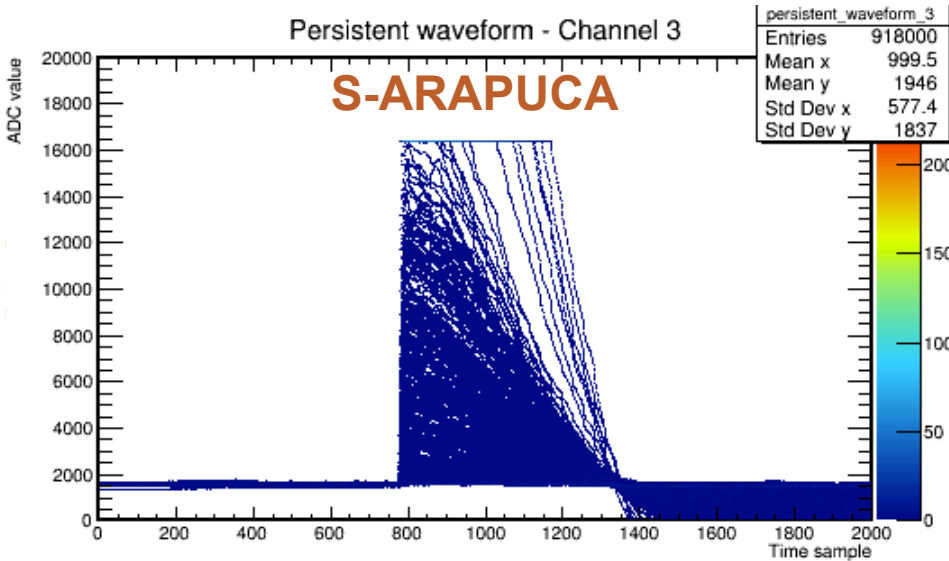
OpDet Waveform

Good news! We can see some signal.



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Summary

- This is very preliminary and first look to look at signals in the SSP data.
- Thanks to Tom Junk and Chris for helping me to look at this data.
- Thank you all for SSP running.
- Other suggestion/comments to move forward!