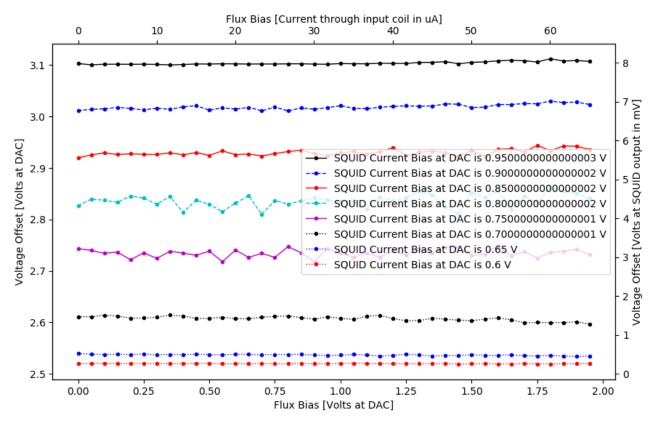
### **SQUID Tuning Algorithm Output**

### Target Data

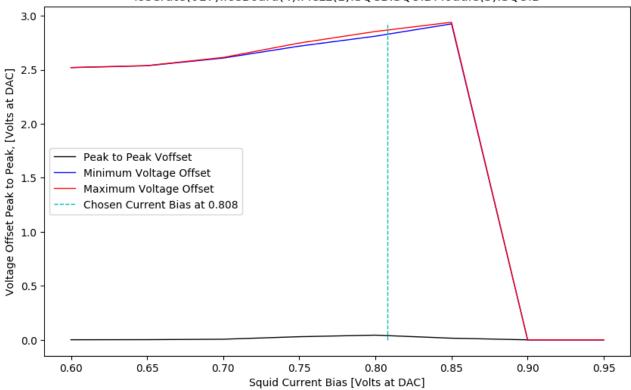
Full target name	IceCrate(017).IceBoard(4).Mezz(1).SQCB.SQUID Module(3).SQUID
HWM Name	PB2 HWM
HWM Path	/home/polarbear/hardware_maps/polarbear/PB2b/c ommissioning/202305_crate_test/crate_hwm_2023 10_shift_disable_bad_sq_v2.yaml

### Plots

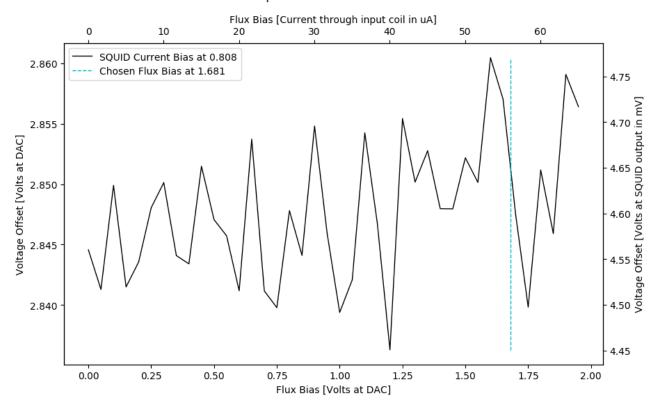
## VPhi Plots for a range of current biases IceCrate(017).IceBoard(4).Mezz(1).SQCB.SQUIDModule(3).SQUID



Current Bias Optimization (Voltage Offset Peak-to-Peak vs Current Bias Voltage) IceCrate(017).IceBoard(4).Mezz(1).SQCB.SQUIDModule(3).SQUID



# Flux Bias Optimization (For a single V-Phi curve at chosen current bias) lceCrate(017).lceBoard(4).Mezz(1).SQCB.SQUIDModule(3).SQUID Transimpedance: 242.085990 Ohms



### Additional Data

Measured Transimpedance	242.09 Ohms
Chosen Flux Bias	1.68 Volts
Chosen Current Bias	0.81 Volts
Peak to Peak at Chosen Current Bias	0.04 Volts
Reference Current Bias Used	Unavailable

#### NOTE:

The Flux Bias and Current Bias are given as Voltages at the output of the Flux Bias and Current Bias DACs