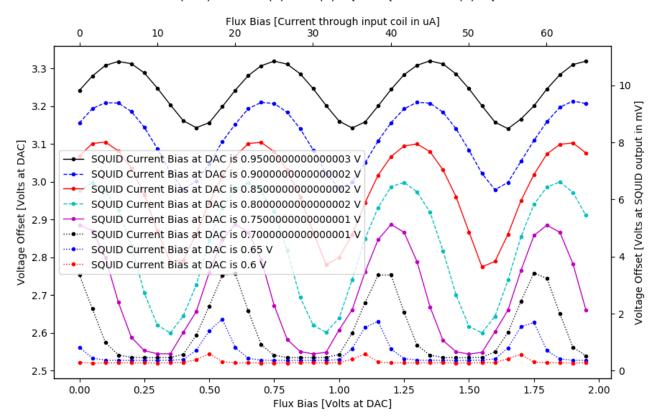
# SQUID Tuning Algorithm Output

### Target Data

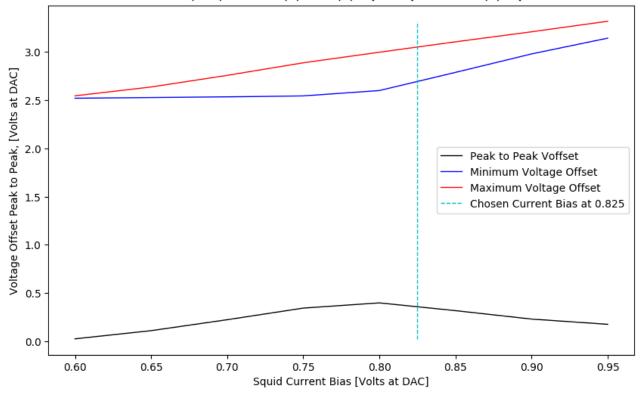
Full target name	IceCrate(014).IceBoard(3).Mezz(2).SQCB.SQUID Module(4).SQUID
HWM Name	PB2 HWM
HWM Path	/home/polarbear/hardware_maps/polarbear/PB2b/c ommissioning/202305_crate_test/crate_hwm_2023 10_shift_disable_bad_sq_v2.yaml

## Plots

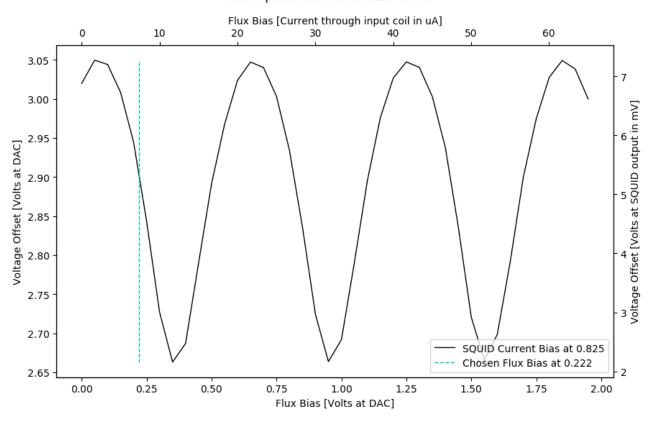
# VPhi Plots for a range of current biases IceCrate(014).IceBoard(3).Mezz(2).SQCB.SQUIDModule(4).SQUID



Current Bias Optimization (Voltage Offset Peak-to-Peak vs Current Bias Voltage) IceCrate(014).IceBoard(3).Mezz(2).SQCB.SQUIDModule(4).SQUID



# Flux Bias Optimization (For a single V-Phi curve at chosen current bias) IceCrate(014).IceBoard(3).Mezz(2).SQCB.SQUIDModule(4).SQUID Transimpedance: 789.160127 Ohms



### Additional Data

Measured Transimpedance	789.16 Ohms
Chosen Flux Bias	0.22 Volts
Chosen Current Bias	0.82 Volts
Peak to Peak at Chosen Current Bias	0.36 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