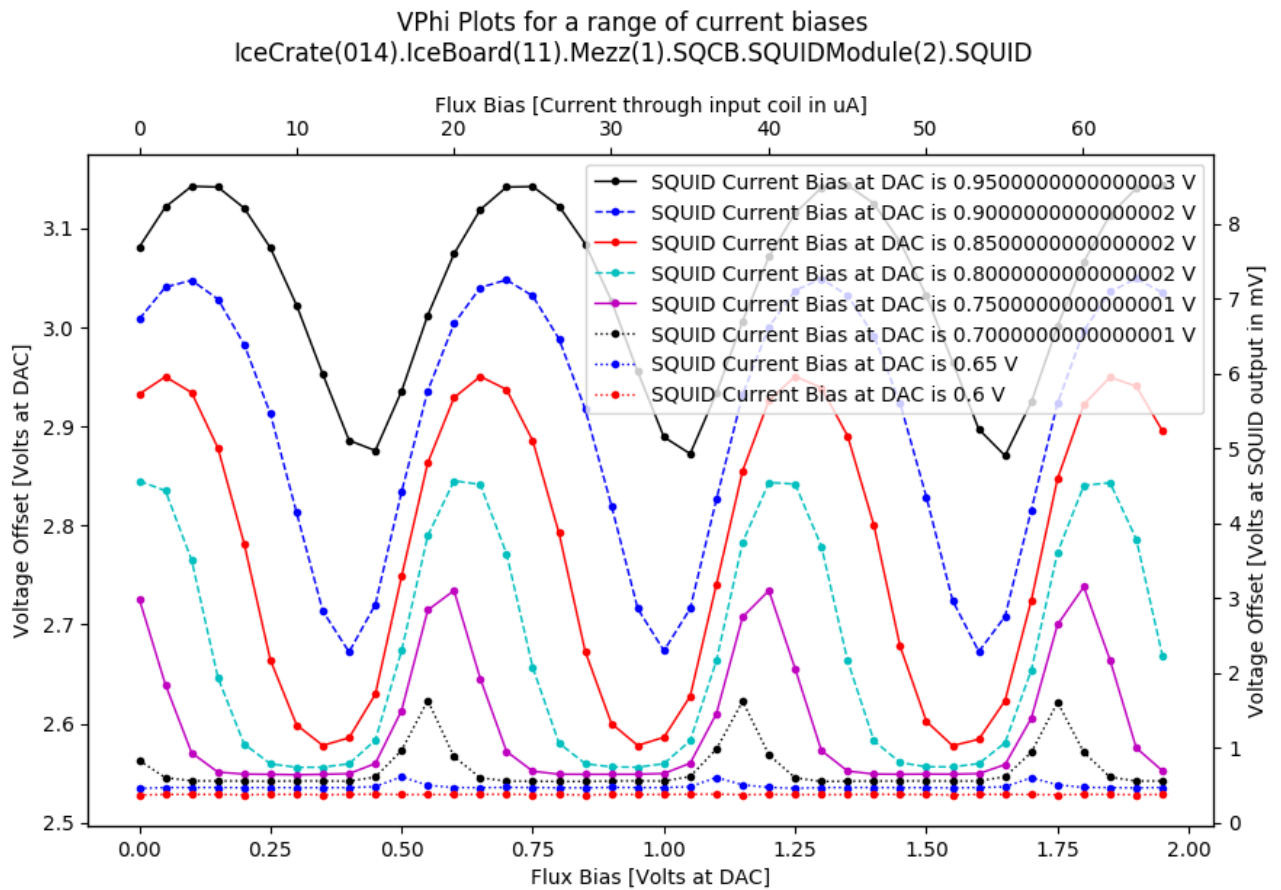


SQUID Tuning Algorithm Output

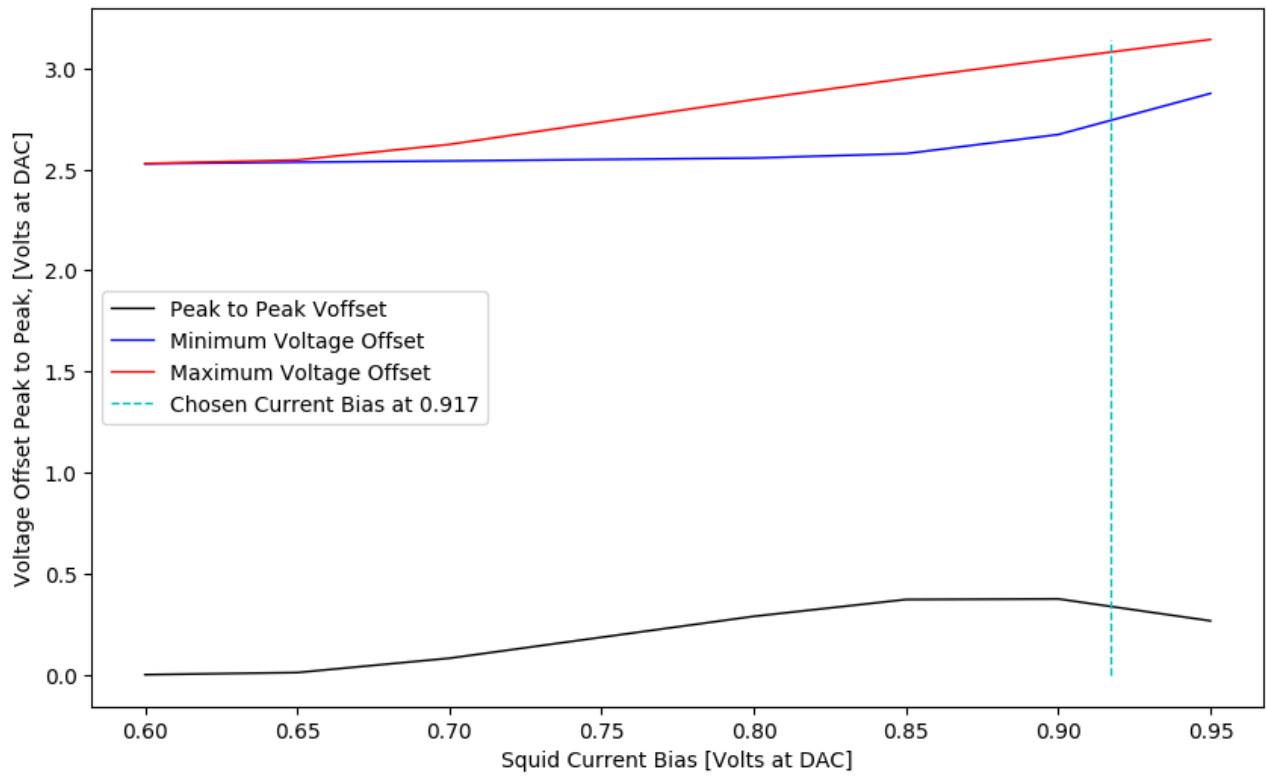
Target Data

| | |
|------------------|--|
| Full target name | IceCrate(014).IceBoard(11).Mezz(1).SQCB.SQUID Module(2).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 |

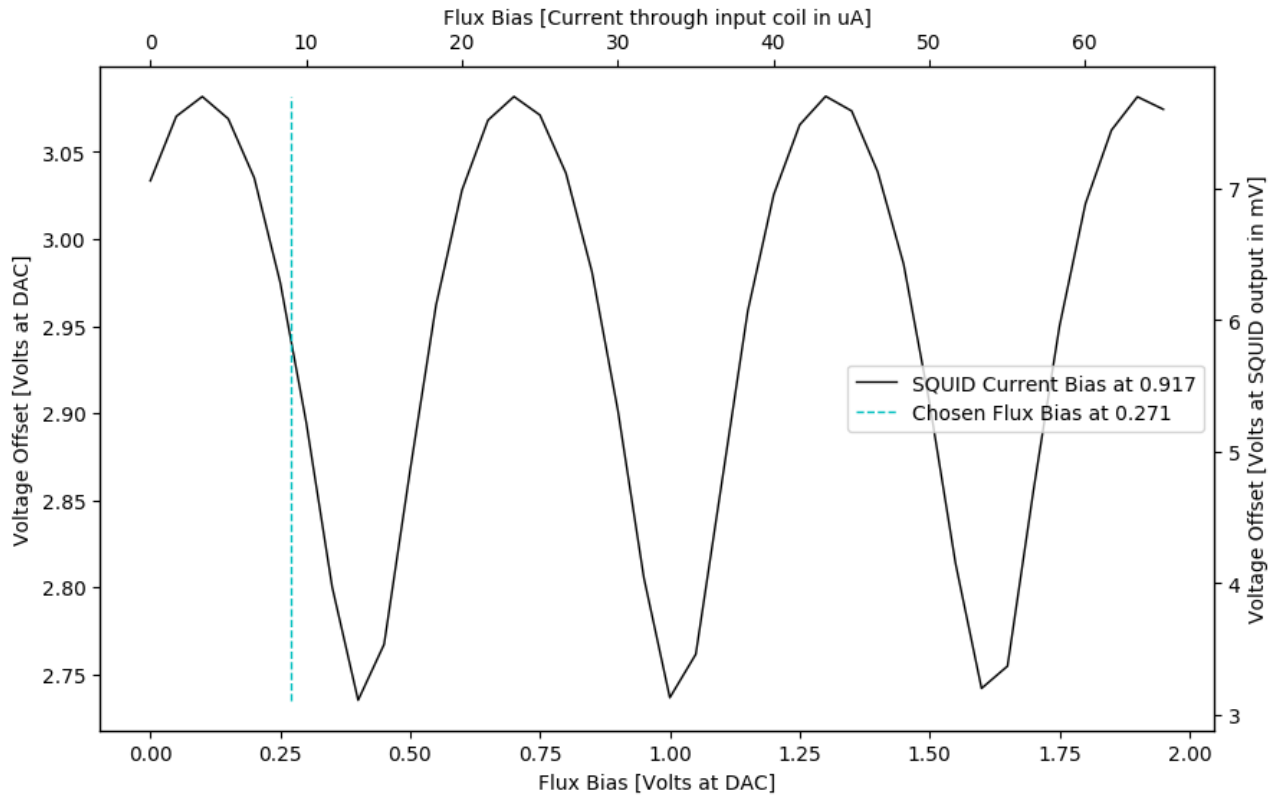
Plots



Current Bias Optimization (Voltage Offset Peak-to-Peak vs Current Bias Voltage)
IceCrate(014).IceBoard(11).Mezz(1).SQCB.SQUIDModule(2).SQUID



Flux Bias Optimization (For a single V-Phi curve at chosen current bias)
IceCrate(014).IceBoard(11).Mezz(1).SQCB.SQUIDModule(2).SQUID
Transimpedance: 630.067580 Ohms



Additional Data

| | |
|-------------------------------------|-------------|
| Measured Transimpedance | 630.07 Ohms |
| Chosen Flux Bias | 0.27 Volts |
| Chosen Current Bias | 0.92 Volts |
| Peak to Peak at Chosen Current Bias | 0.34 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