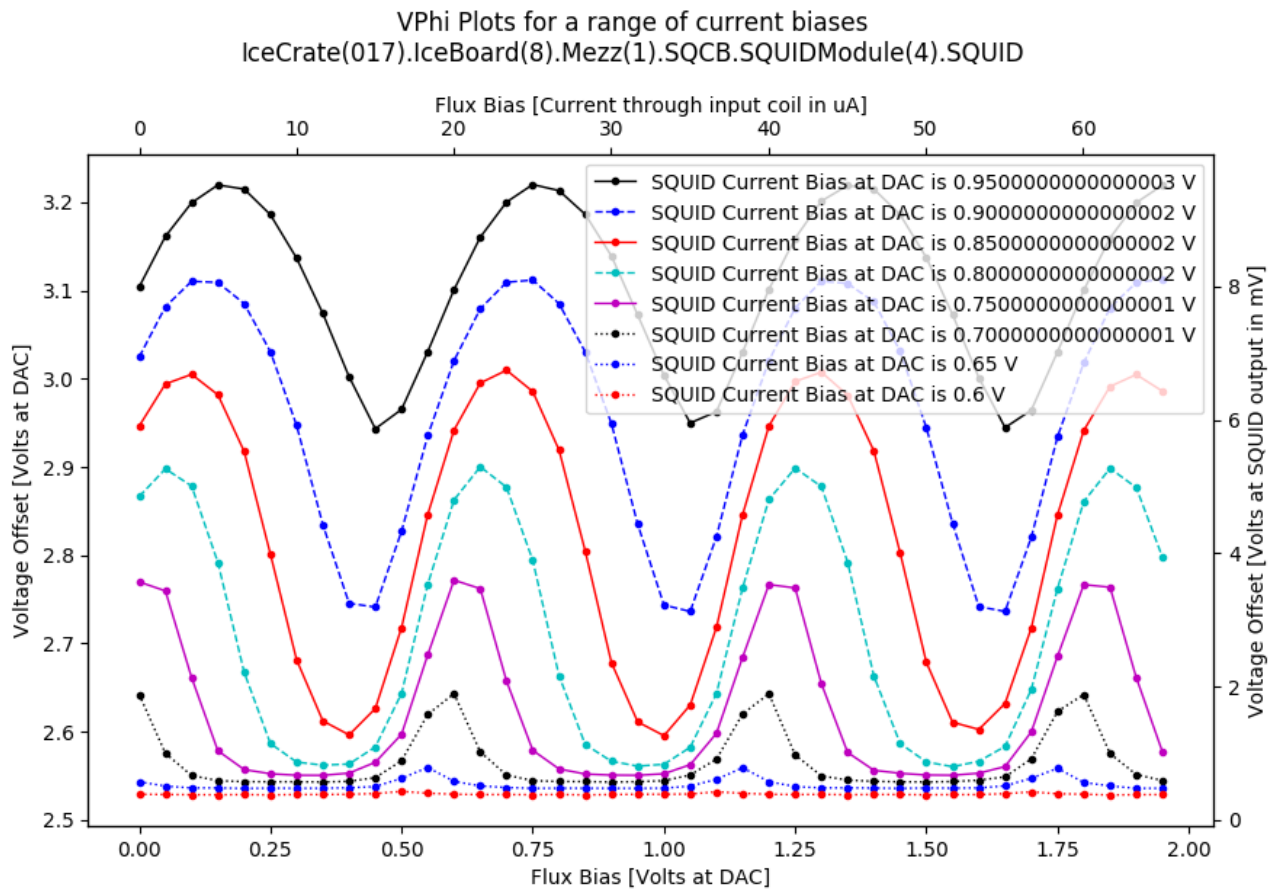


# SQUID Tuning Algorithm Output

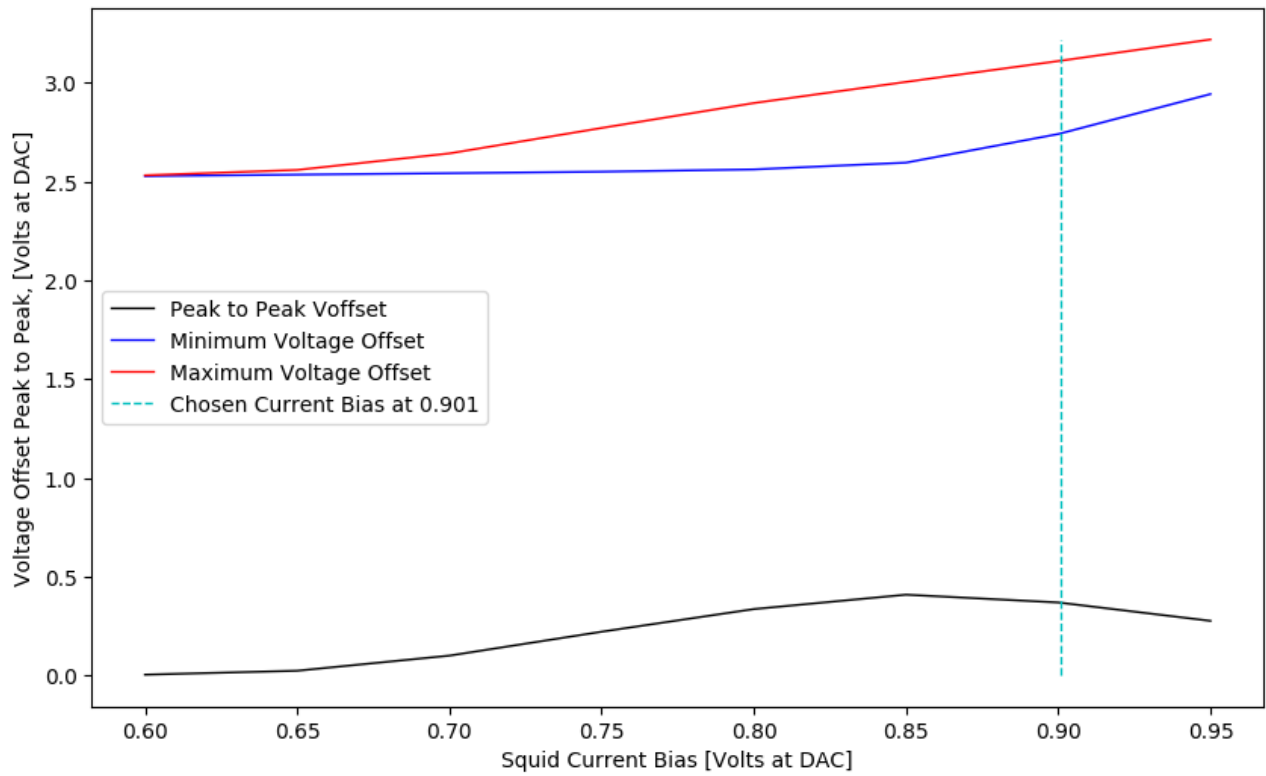
## Target Data

Full target name	IceCrate(017).IceBoard(8).Mezz(1).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.yaml

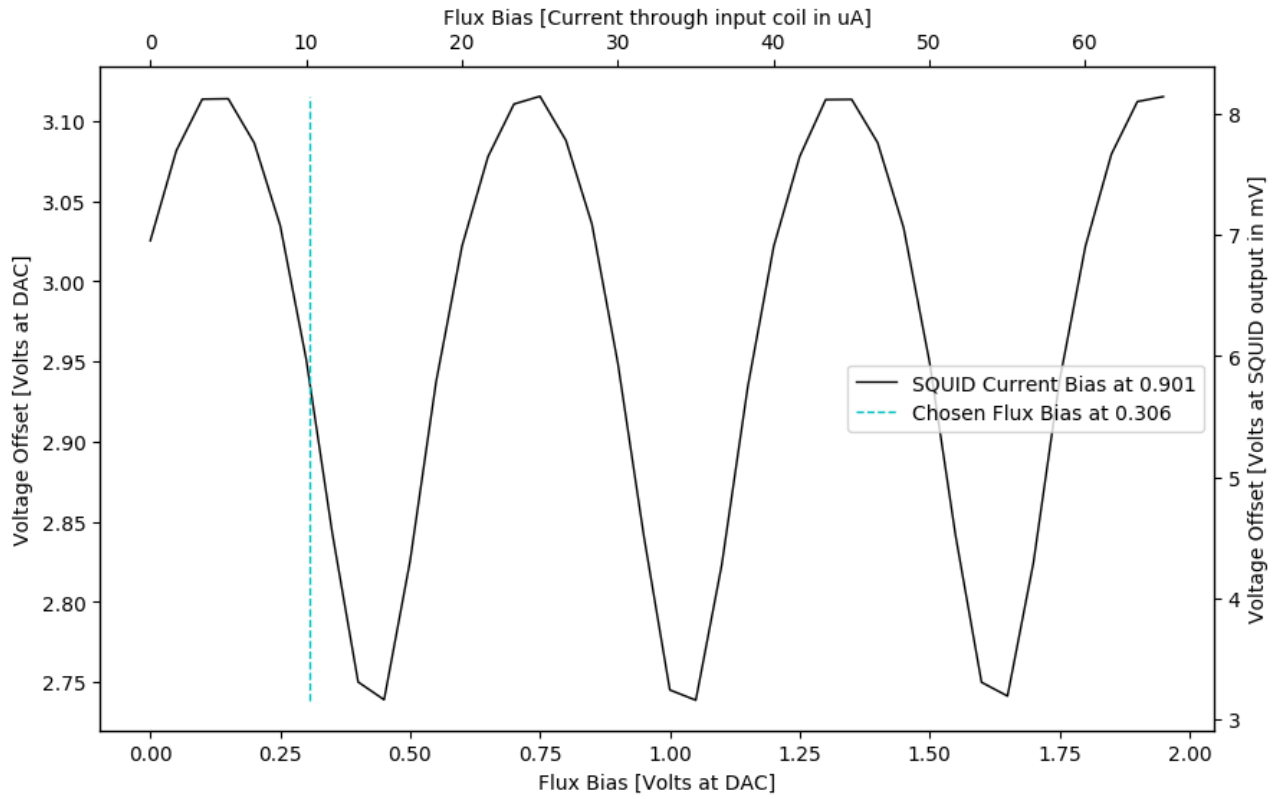
## Plots



Current Bias Optimization (Voltage Offset Peak-to-Peak vs Current Bias Voltage)  
IceCrate(017).IceBoard(8).Mezz(1).SQCB.SQUIDModule(4).SQUID



Flux Bias Optimization (For a single V-Phi curve at chosen current bias)  
IceCrate(017).IceBoard(8).Mezz(1).SQCB.SQUIDModule(4).SQUID  
Transimpedance: 814.417313 Ohms



## Additional Data

Measured Transimpedance	814.42 Ohms
Chosen Flux Bias	0.31 Volts
Chosen Current Bias	0.90 Volts
Peak to Peak at Chosen Current Bias	0.37 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