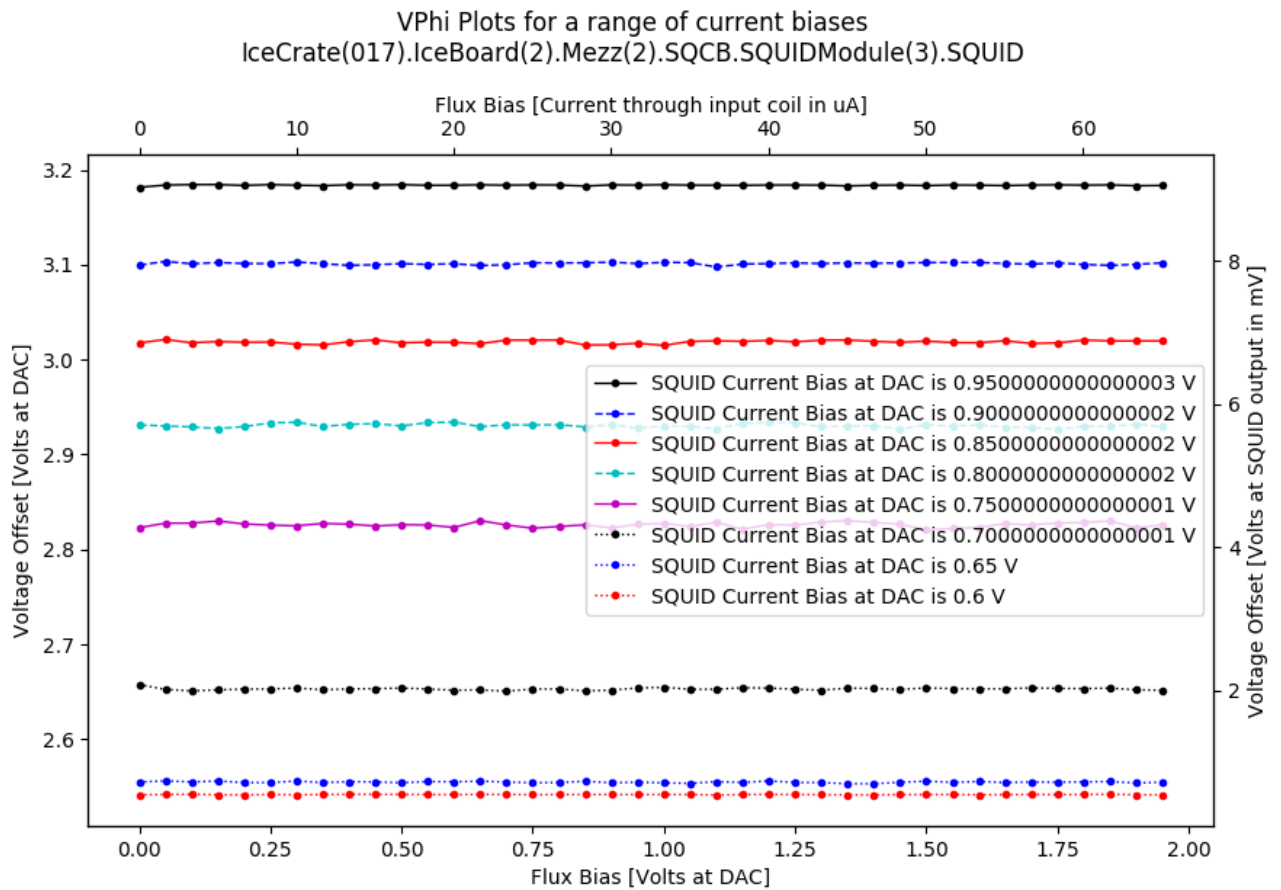


# SQUID Tuning Algorithm Output

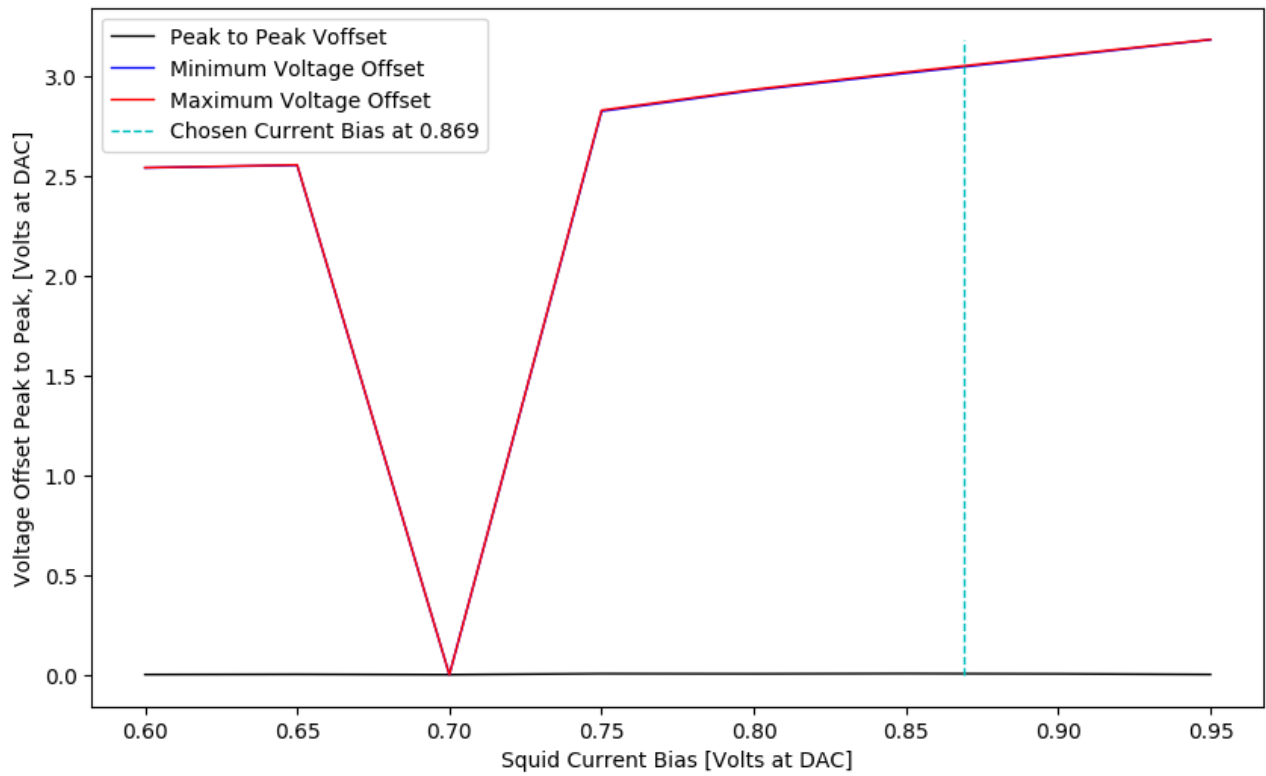
## Target Data

Full target name	IceCrate(017).IceBoard(2).Mezz(2).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.yaml

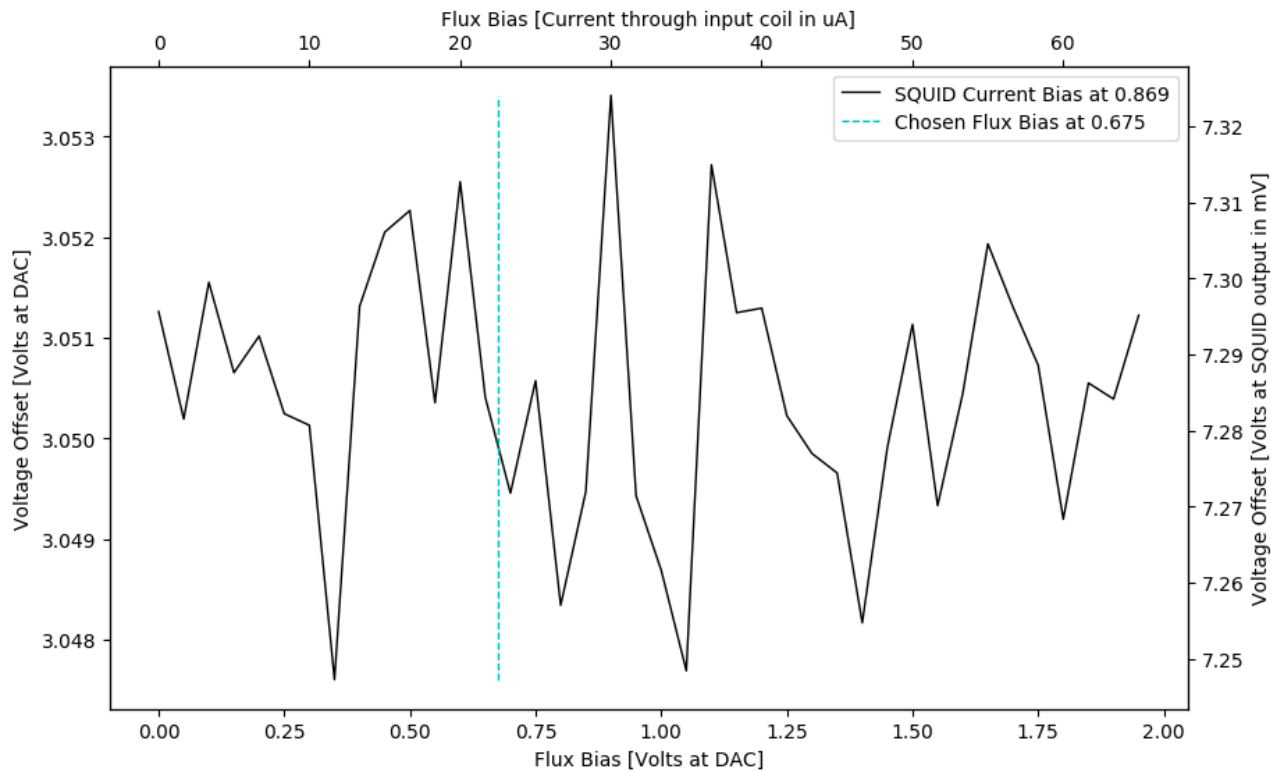
## Plots



Current Bias Optimization (Voltage Offset Peak-to-Peak vs Current Bias Voltage)  
IceCrate(017).IceBoard(2).Mezz(2).SQCB.SQUIDModule(3).SQUID



Flux Bias Optimization (For a single V-Phi curve at chosen current bias)  
IceCrate(017).IceBoard(2).Mezz(2).SQCB.SQUIDModule(3).SQUID  
Transimpedance: 385.412183 Ohms



Additional Data

Measured Transimpedance	385.41 Ohms
Chosen Flux Bias	0.67 Volts
Chosen Current Bias	0.87 Volts
Peak to Peak at Chosen Current Bias	0.01 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