Volt Reader Test Requirements

Durability test- have it run for a long time with a constant pulse (wav file) and then change the buffer size after periods of time

Idea: run for 5 minutes at 0.5 buffer with 1000 Sample rate then change to 0.25 buffer for 5 minutes then a buffer of 0.01 for 5 minutes. Stop the program, change the sample rate to 100000 and run again with the buffer at 0.01 (this is for speed) for 5 minutes. Then change the buffer rate to 0.5 for 5 minutes. Then change the buffer to 1 for 3 minutes. Then press the stop button.

Then we need to test for handling variable frequencies