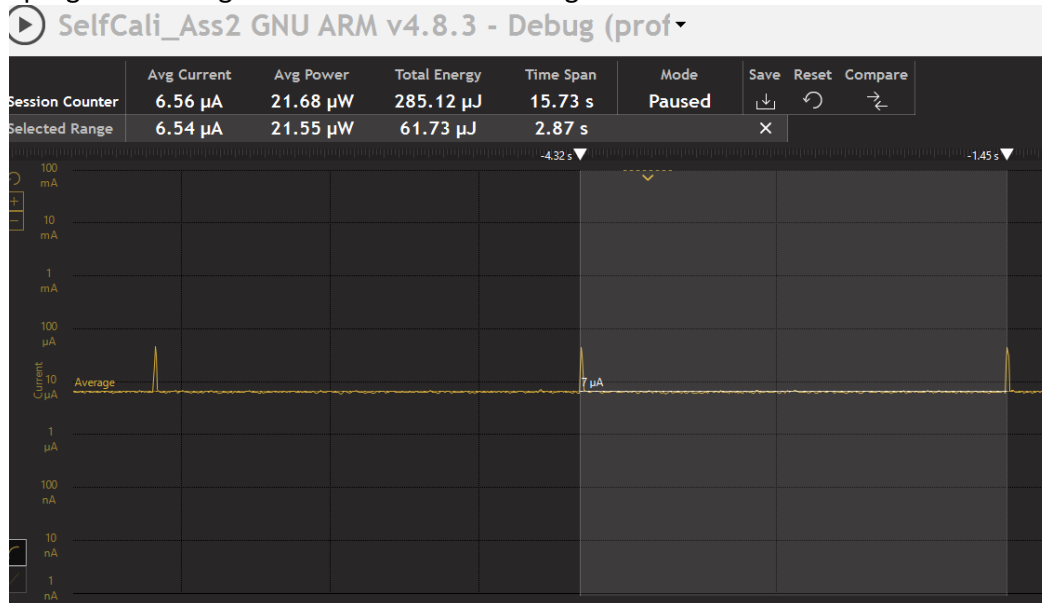
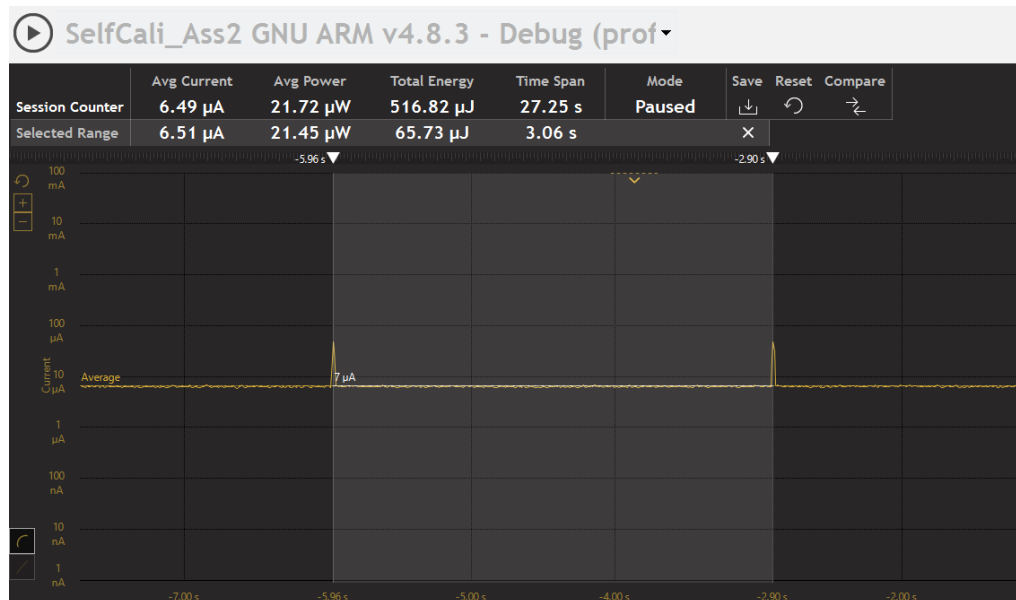


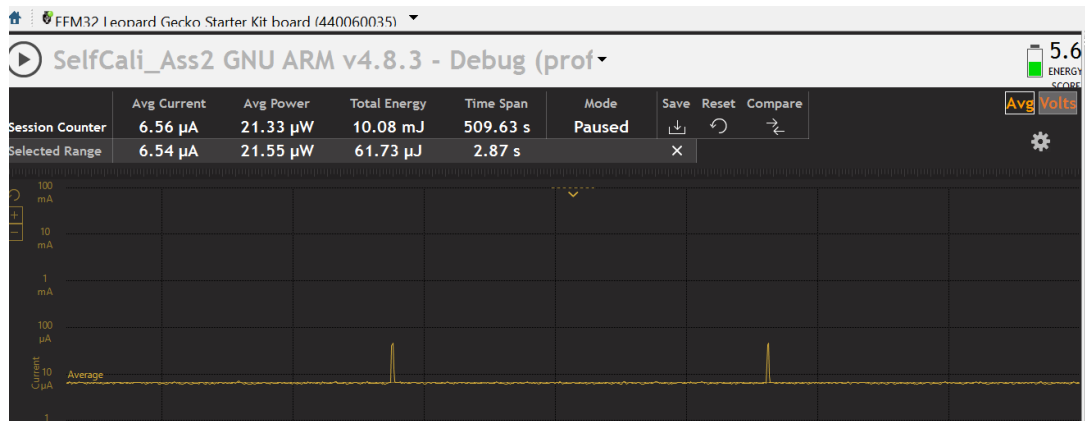
1. With self-calibration disabled, period of the LETIMER0 in EM3 using the Energy Profiler to measure once the program has begun to sense the Ambient Light Sensor is 2.87 sec



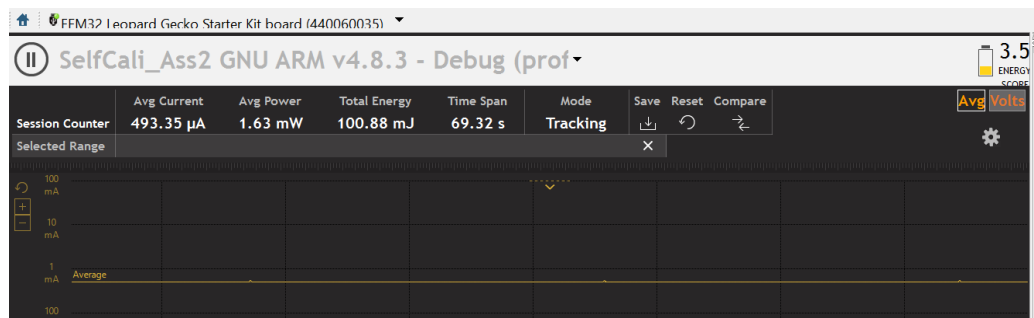
2. With self-calibration enabled, period of the LETIMER0 in EM3 using the Energy Profiler to measure once the program has begun to sense the Ambient Light Sensor is 3.06 sec



3.  $3.06 - 3.0 / 3 = 2\%$  error. Accuracy is 98 percent
4. With self-calibration enabled and in EM3, resetting the session counter and waiting for 60 seconds. The Energy Profiler score of the Ambient Light Sensor program when it is indicating light, LED0 is OFF is 5.6



- With self-calibration enabled and in EM3, resetting the session counter and waiting for 60 seconds. The Energy Profiler score of the Ambient Light Sensor program when it is indicating darkness, LED0 is ON is 3.5



- My LED0 turns on when the Ambient Light Sensor is blocked, mimicking darkness
- My LED0 turns off when the Ambient Light Sensor is unblocked, mimicking darkness