When talking about the Precision in timing between the POSIX timer and the usleep function, the posix timer is likely to be more accurate. (although not guaranteed). The usleep function is managed by the Operating System, meaning it may take significantly longer to wake up if other processes are being handled, so it only provides a rough estimate on what it is expected to last. Meanwhile, the POSIX timers are more accurate due to using the system clock or depending on CPU Ticks depending on how the clock is configured.

- Average Posix Timer: 0.0501
- Average Sleep Timer: 0.0501

Histograma de POSIX Timer

POSIX Timer
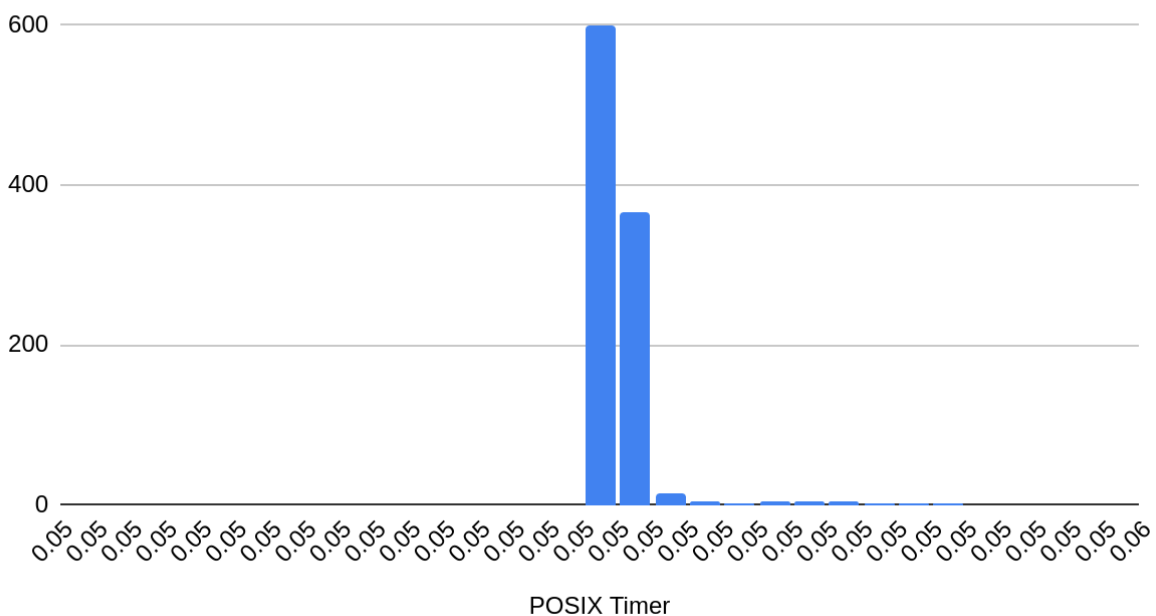
Histograma de Sleep Function

Sleep Function