

Dither Modulation of Initial Flux in the SQUID

Figure 13 Initial Flux (Average Flux) is to the RIGHT of a Minimum

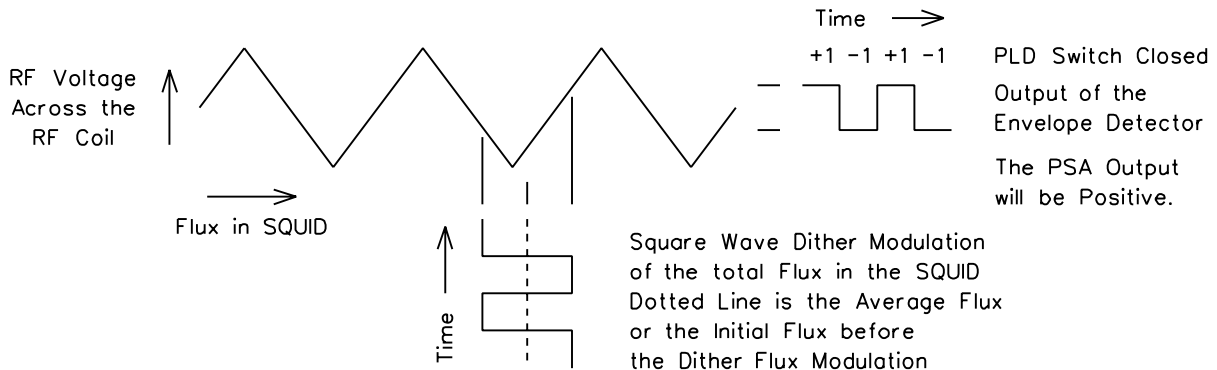


Figure 14 Initial Flux (Average Flux) is to the LEFT of a Minimum

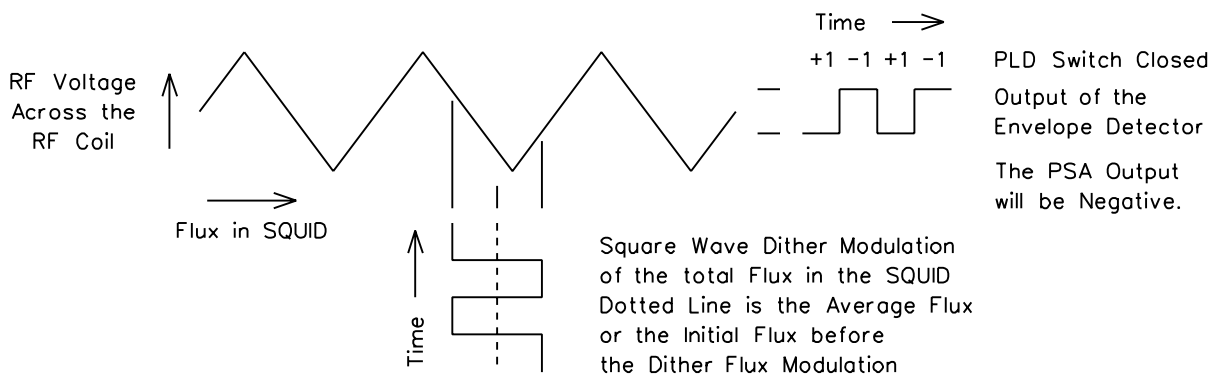
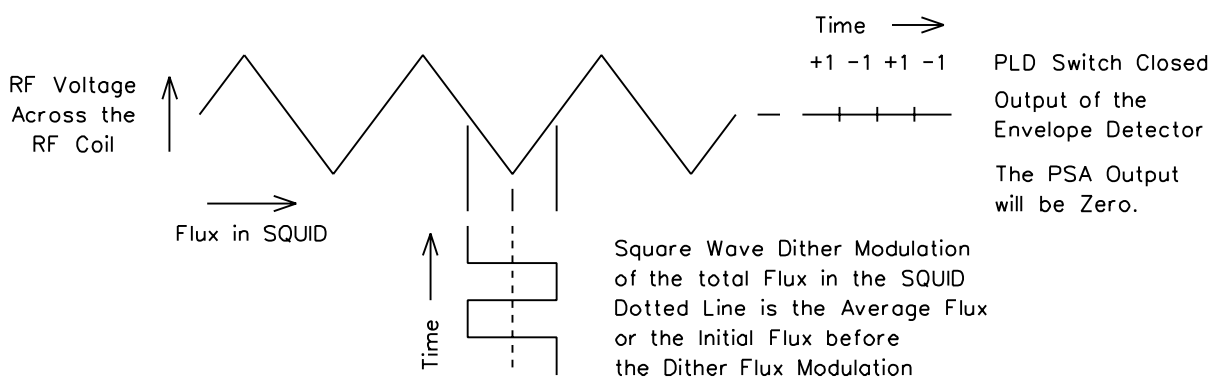


Figure 15 Initial Flux (Average Flux) is at a Minimum



The sign of the Phase Sensitive Amplifier's output voltage tells you if the Initial Flux (or now with modulation the Average Flux) is to the Right or Left of a Minimum.

The 100 kHz flux dither modulation does NOT change the Initial or Average amount of flux seen by the SQUID.