

Figure 1: Plasma surface ionization wave propagating along and outside of a single channel. The dark disk in the center is a blocking plate to avoid ICCD sensor saturation.

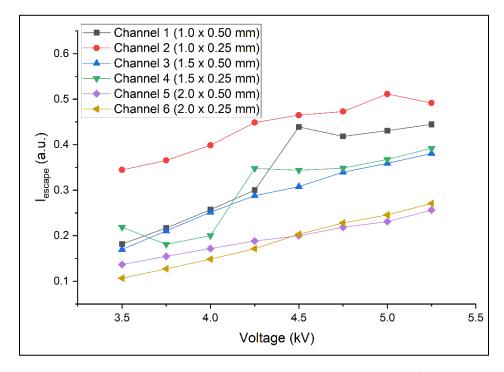


Figure 2: The fraction of total SIW light intensity that escapes the channel as functions of driving voltage and channel geometry.