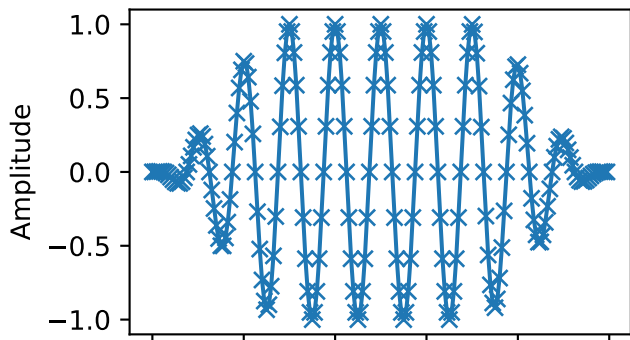
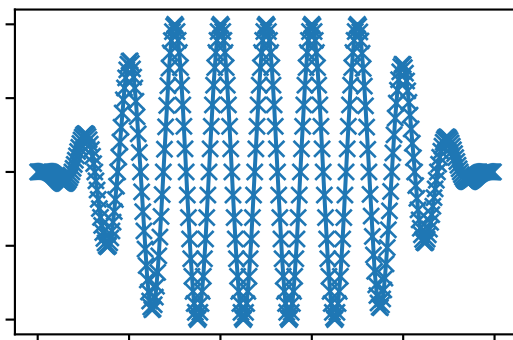


Signal at $f_c=2\text{kHz}$



Signal upsampled to $f_c=4\text{kHz}$



Signal downsampled to $f_c=1\text{kHz}$

