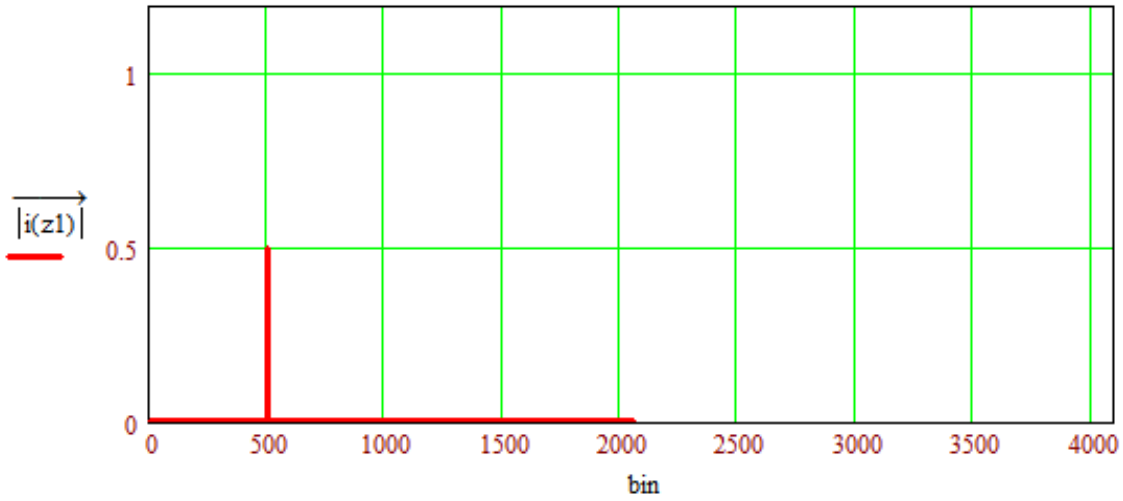
Sfull := CFFT(I(z1)) DFT for arbitrary# points, covering full sampling bandisth fs (0 to fs) ks := 0.. last(Sfull)

$bfull_{ks} := ks$ bins for CFFT

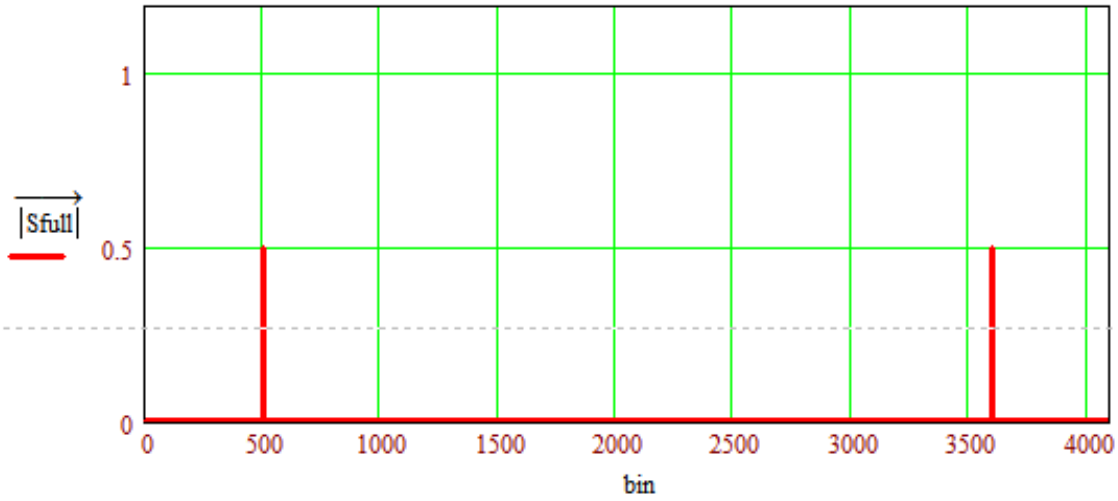
$bin_q := q$ bins for FFT

i(z0) uses FFT, which only gives component from 0 to fs/2. Missing components are conjugates of the ones returned, but are required for any spectrum calcs.

z1 = 532.85



only components 0 to fs/2 returned



all components 0 to fs returned