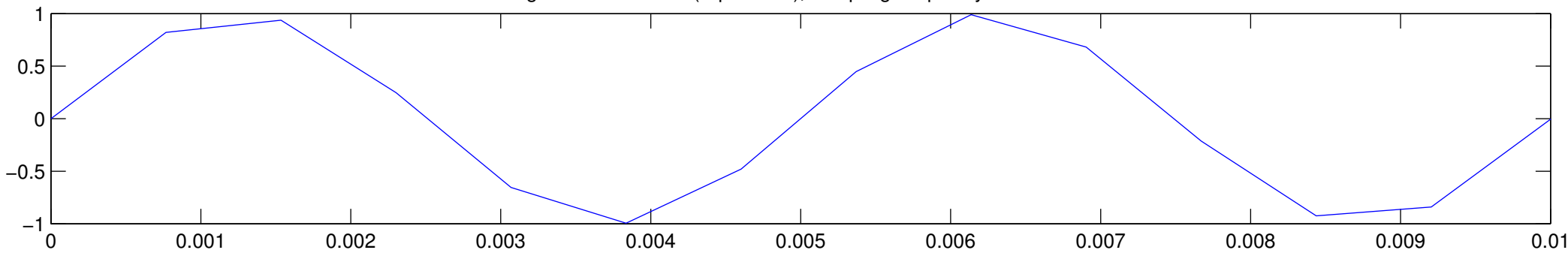
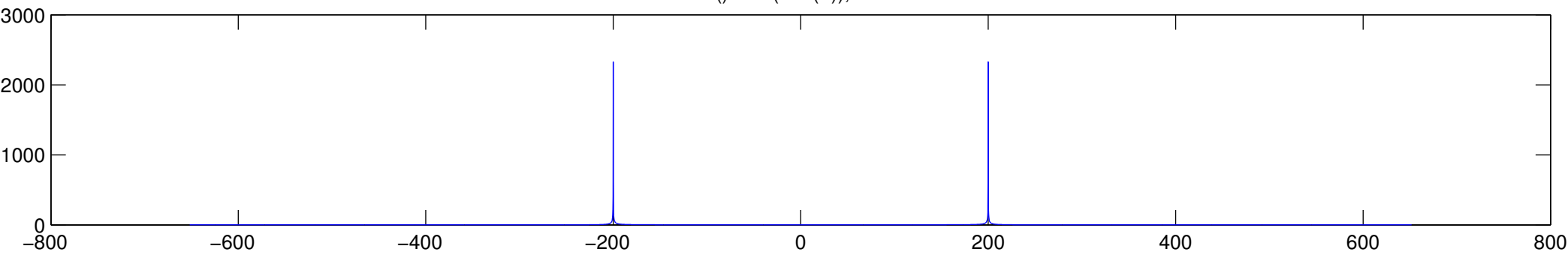


Original function $f = \sin(2\pi \cdot 200 \cdot x)$, sampling frequency = 1303.80hz



dft(): $\text{abs}(\text{real}(F))$, $N=2^{13}$



Matlab's fft(): $\text{abs}(\text{real}(F))$, $N=2^{13}$

