DSP HW #5

la) Time of BDTFT, N2 multiples

Time = 10242. Ins = 1, 648 Seconds

b) Tim of FFT Nos2 (N)

Time = 1024 |002 (1024) = 1 MS = . 605 Seconds

c) [4096 PT: 40962. INS = 16.77 Sec ] DTFT

FFT: 4095 log 2 (4096) · IMS = . 624 SEC)

2 a) Fs = 4096

Fs = 2B -> 4096 = F Highert

Fmax = 2048 HZ

b) /1 #z