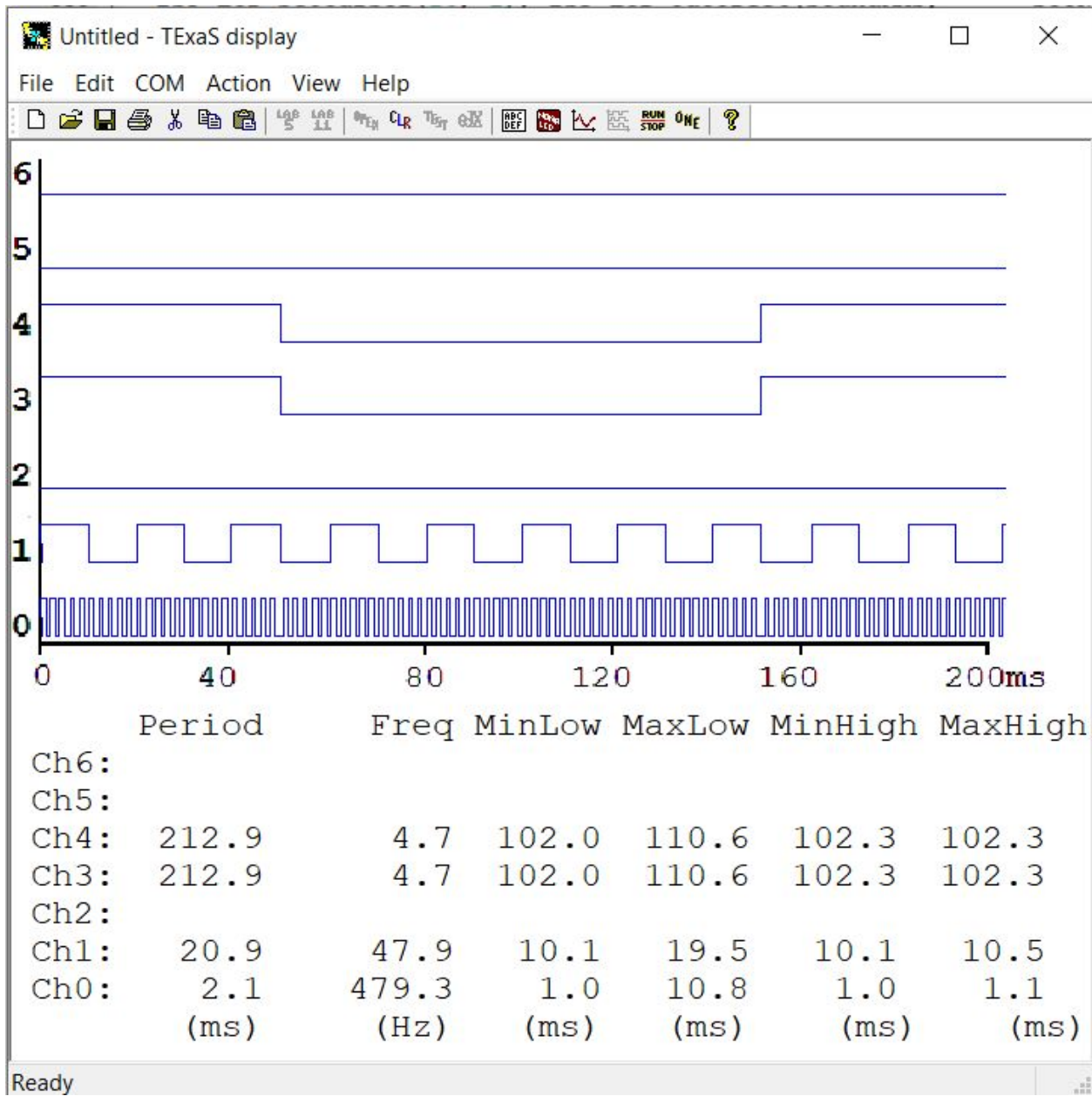


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TCES460, Wi21
Lab 12

Change of Code:

```
480 while(1){
481     for(int i=0; i<10; i++){ // runs at about 10 Hz
482         for(int j=0; j<10; j++){ // runs at about 100 Hz
483             for(int k=0; k<10; k++) { // runs at about 1000 Hz
484                 Task0(); // sample microphone
485                 BSP_Delaylms(1);
486             }
487             Task1(); // sample accelerometer
488             //BSP_Delaylms(10);
489         }
490         Task3(); // check the buttons and change mode if pressed
491         Task4(); // update the plot
492         //BSP_Delaylms(100);
493     }
494     Task2(); // sample light at 1 Hz
495     Task5(); // update the LCD text at 1 Hz
496     Time++; // 1 Hz
497     Profile_Toggle6();
498 }
```

Screenshot of TexasDisplay in 200ms:



Screenshot of TexasDisplay in 3200ms:

