Code written for testing ‘diff’ values that we get.

Errata

1. To get pictures that how we got values from two phones..
2. To get pic of the data taken
3. Import the data in excel and then use it in word as a spreadsheet.

Conclusions

Though we did not get much precise values but still the values are good enough to go ahead and get a workable demonstrative solution.

It was noted that how values corresponding to 3s changed when I just put the phone on silent mode. Ya just putting my receiver(Nokia E63) on silent mode and a huge change in values. This means that there Is something inside that leads to poor precision. After researching a lot I found the culprit is python. The speed of invocation of system calls may not be precise or may be the clock(). Now how to figure is greek to me as I had already used the most precise and accurate clock() available in pyS60. So the clock is measuring wrong or there is a error in network or there is overhead in callbacks remains unresolved.

The issues still remains and so I decided that instead of python in future versions of this software we can prevent extra overhead and inaccuracy of python in s60 and move on C. I have already worked in this regard and have successfully run a ‘Hello World’ program.

Benefits of using C over python