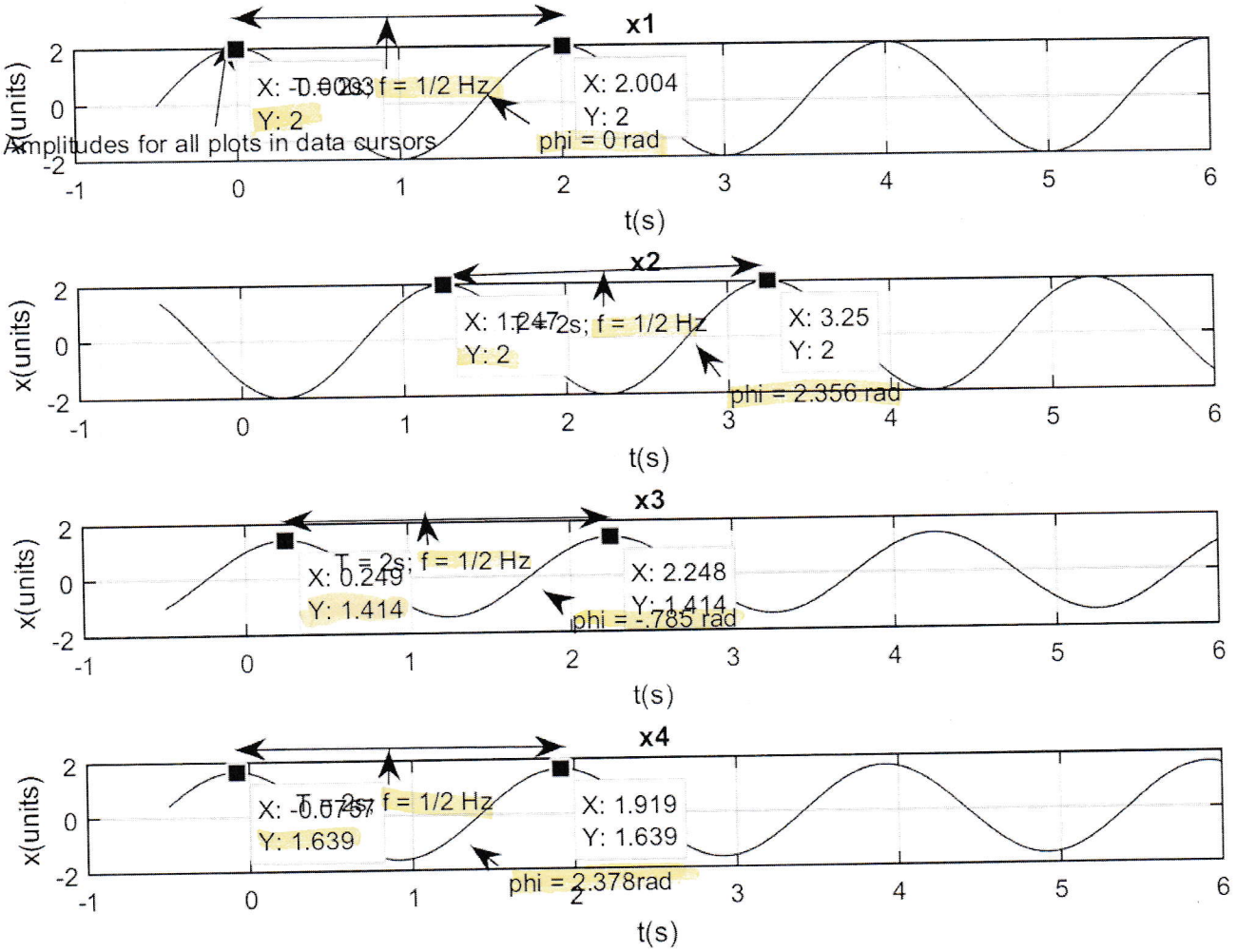
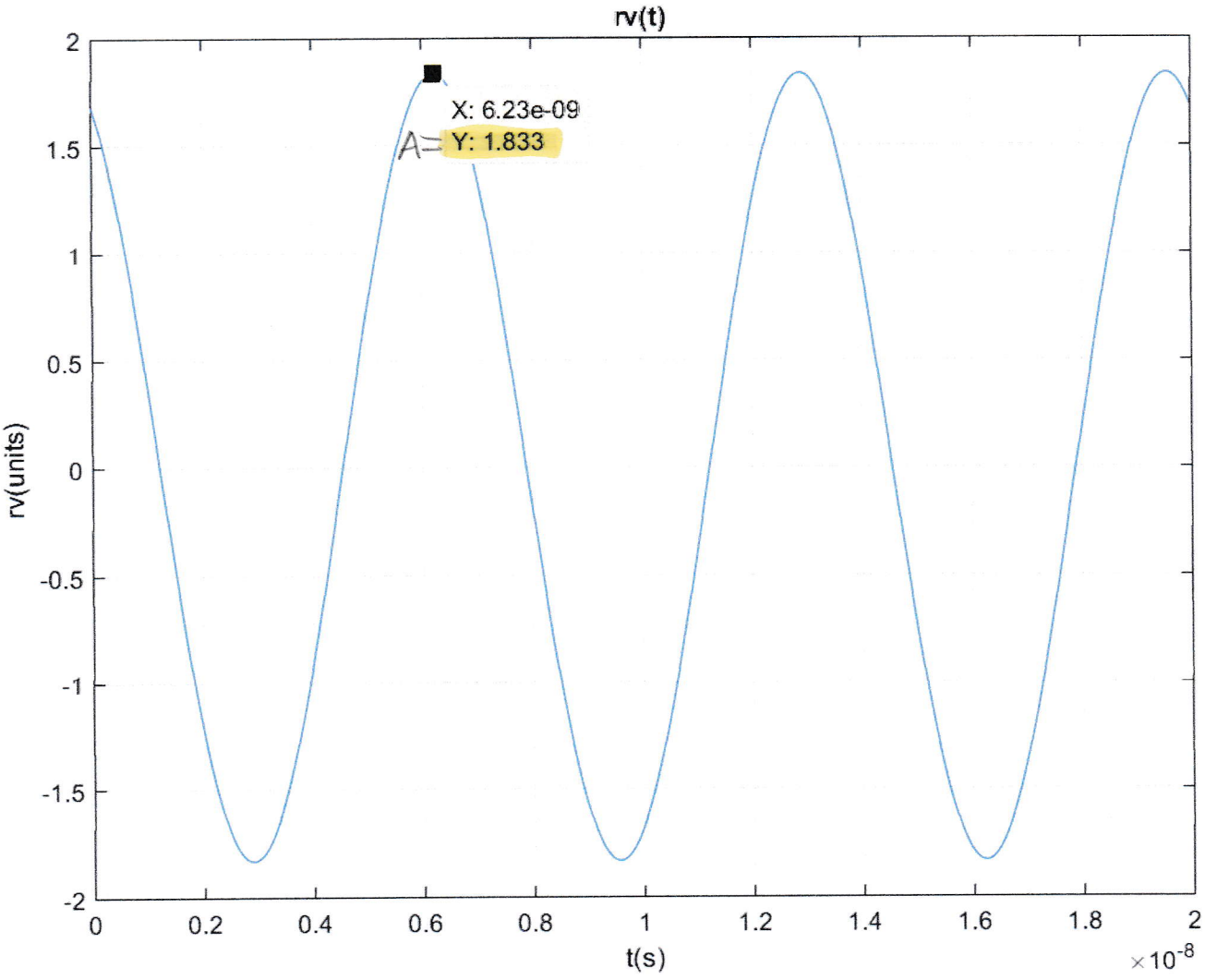
# Lab 2 Section 5

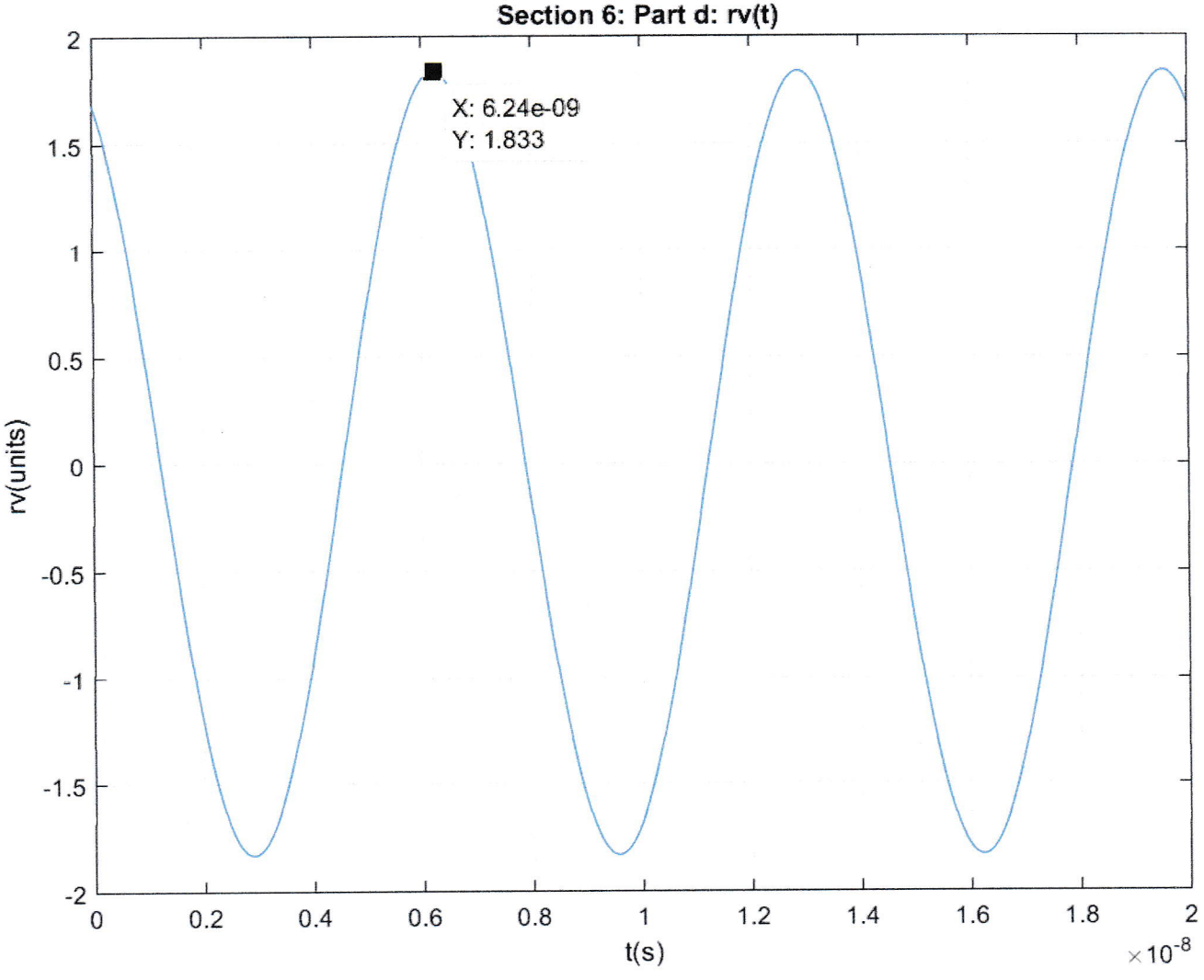


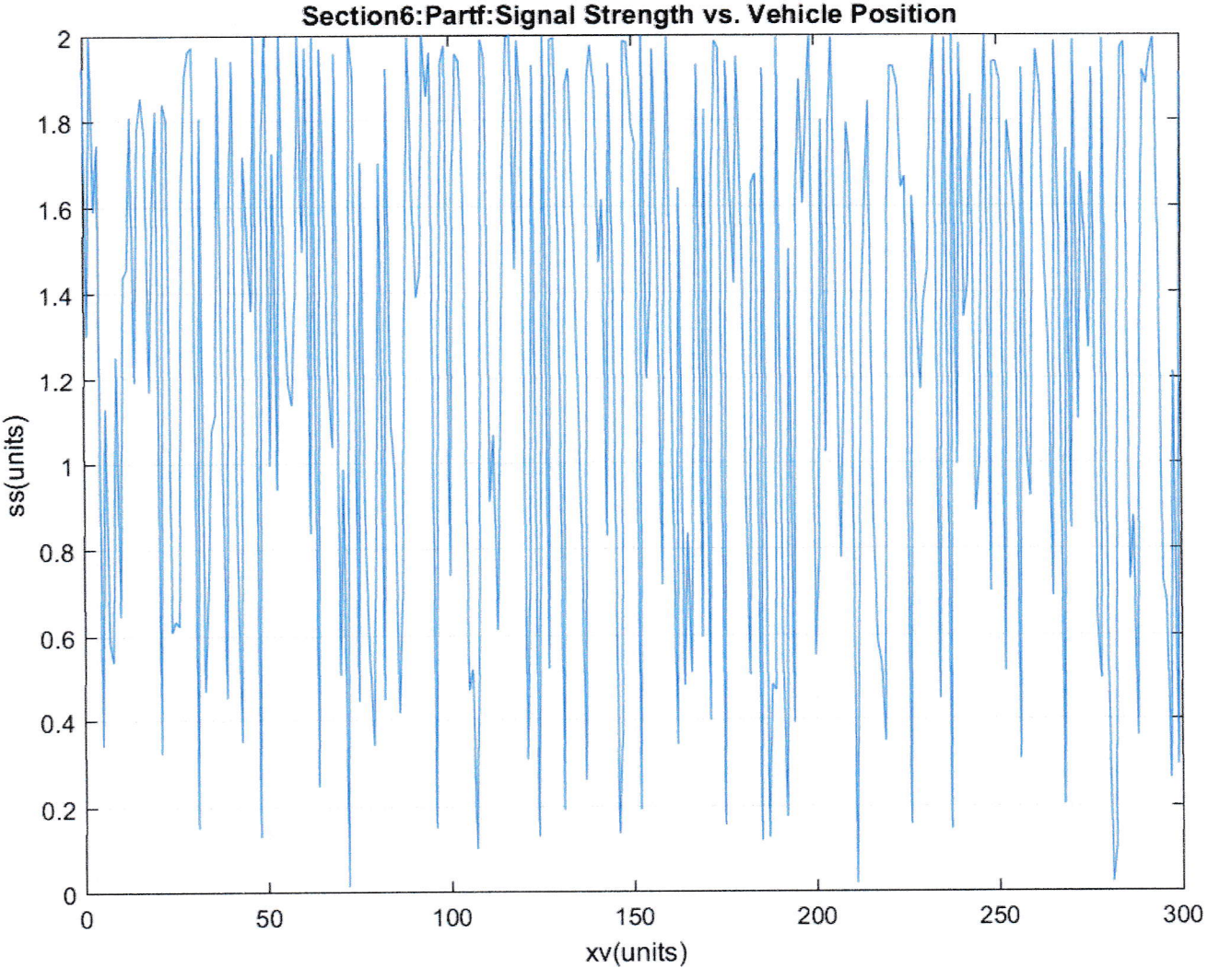

T = 2s on them all in case you can't see the value mixed w/ the data cursor t value.

x4 is the sum of the first 3.

Section 6 Part c




Section 6: Part d: rv(t)
X: 6.24e-09
Y: 1.833
rv(units)
t(s)
×10^-8
2
1.5
1
0.5
0
-0.5
-1
-1.5
-2
0
0.2
0.4
0.6
0.8
1
1.2
1.4
1.6
1.8
2


Section6:Partf:Signal Strength vs. Vehicle Position
ss(units)
xv(units)
0
0.2
0.4
0.6
0.8
1
1.2
1.4
1.6
1.8
2
0
50
100
150
200
250
300

# Lab 02a
# INSTRUCTOR VERIFICATION SHEET

*For each verification, be prepared to explain your answer and respond to other related questions that the lab TA's or professors might ask. Turn this page in at the end of your lab period.*

Name: _____ Date of Lab: _____

Part 4.1 Demonstrate that your `one_cos` function is correct by plotting a sinusoidal signal with the given parameters. Use the space below to calculate the period of the sinusoid.

Verified: MK Date/Time: 3/17/16

Part 4.2.3 Show that your `syn_sin.m` function is correct by running the test in Section 4.2.3 and plotting the result. Measure the period(s) and explain why the period of `xx0` is longer that the periods of the signals used to form `xx0`. Write your explanations in the space below.

Verified: MK Date/Time: 3/17/16

Specgram (xx, 1024, fsamp)

# Lab 03
# INSTRUCTOR VERIFICATION SHEET

*For each verification, be prepared to explain your answer and respond to other related questions that the lab TA's or professors might ask. Turn this page in at the end of your lab period.*

Name: _____ Date of Lab: _____

Part 3.1 Demonstrate usage of the Beat Control GUI.

Verified: NK Date/Time: 3/17/16

Part 3.2 Demonstrate the `mychirp.m` function. In the space below write how you would call the function with a correct set of arguments.

Verified: NK Date/Time: 3/17/16