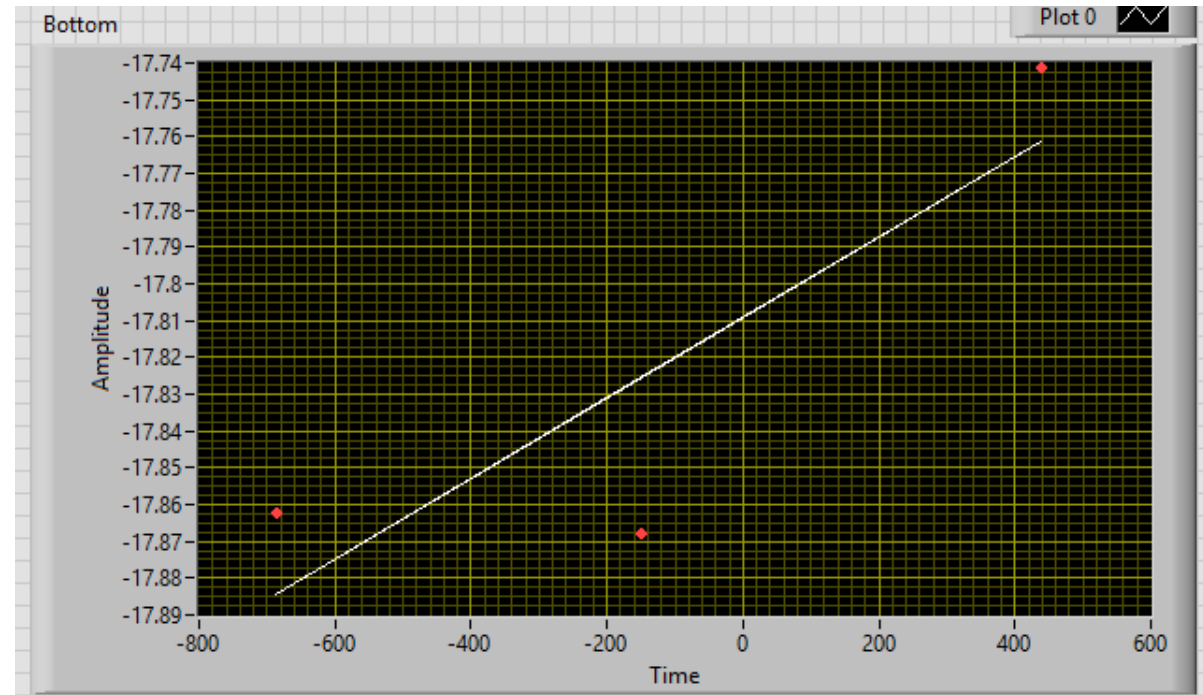
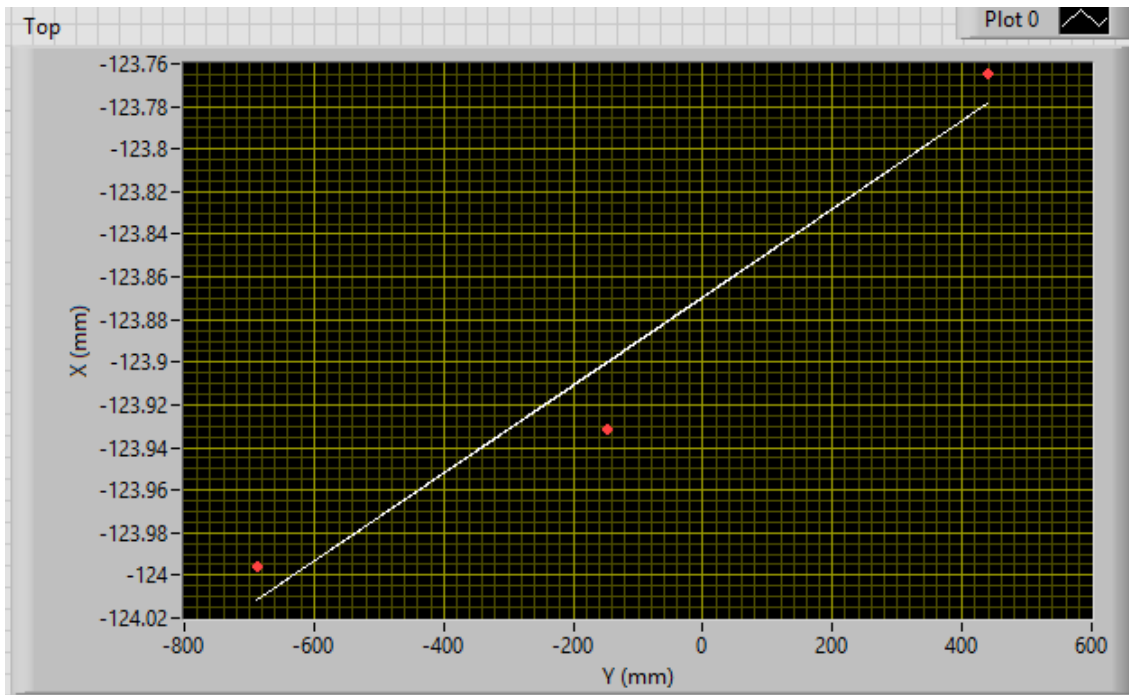


# Added components to bus tape VI

- Display center locations and fit
- Output fit residuals
- Radii of circles



# Residuals and Circle Radii

- Residuals are listed in the order that image was captured (instead of by increasing X) can be fixed by sorting
- Radii are averaging  $\sim 509$   $\mu\text{m}$  (should be 500)

Top		Bottom			
0	-149.66	-123.931	0	-149.591	-17.8678
0	-688.231	-123.996	0	-688.137	-17.8623
	438.149	-123.764		438.187	-17.7412
	0	0		0	0
	0	0		0	0
	0	0		0	0

Radius	
0	509.289
	512.274
	508.154
	509.614
	505.979
	509.639

method			
Least Square			
Top Residuals ( $\mu\text{m}$ )		Bottom Residuals ( $\mu\text{m}$ )	
0	30.828	0	42.2838
	-16.0878		-22.066
	-14.7402		-20.2178

# Next Steps

- Get remaining images from Hannah next week
- Reorder residuals
- Include error in linear fit (?)
- Do something else?