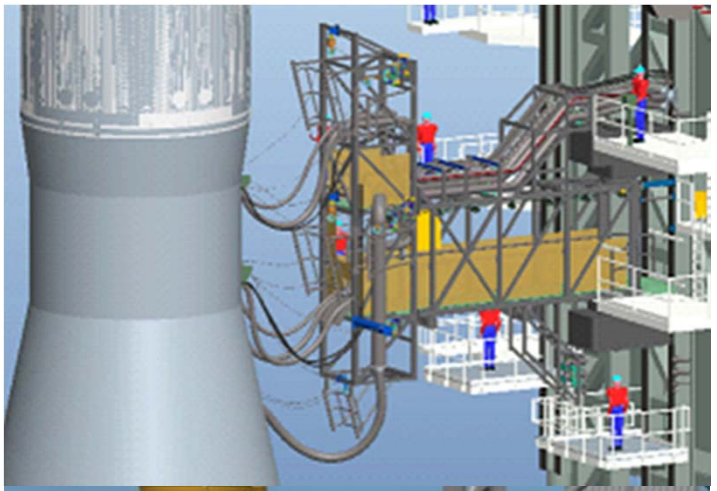
Mobile Launcher DATA



Verify Model

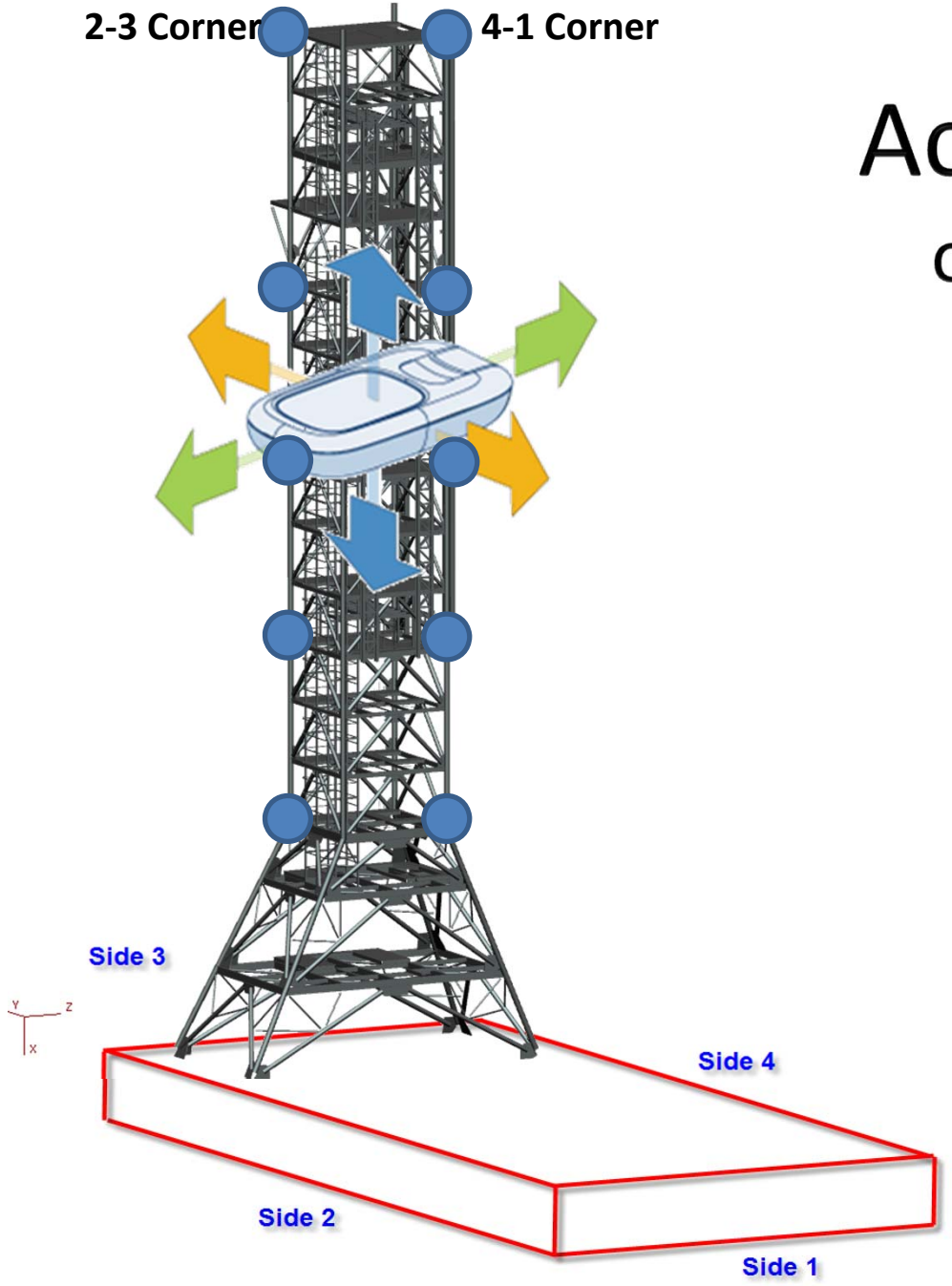
Need

Frequency

& Possibly

Amplitude of

Accelerations

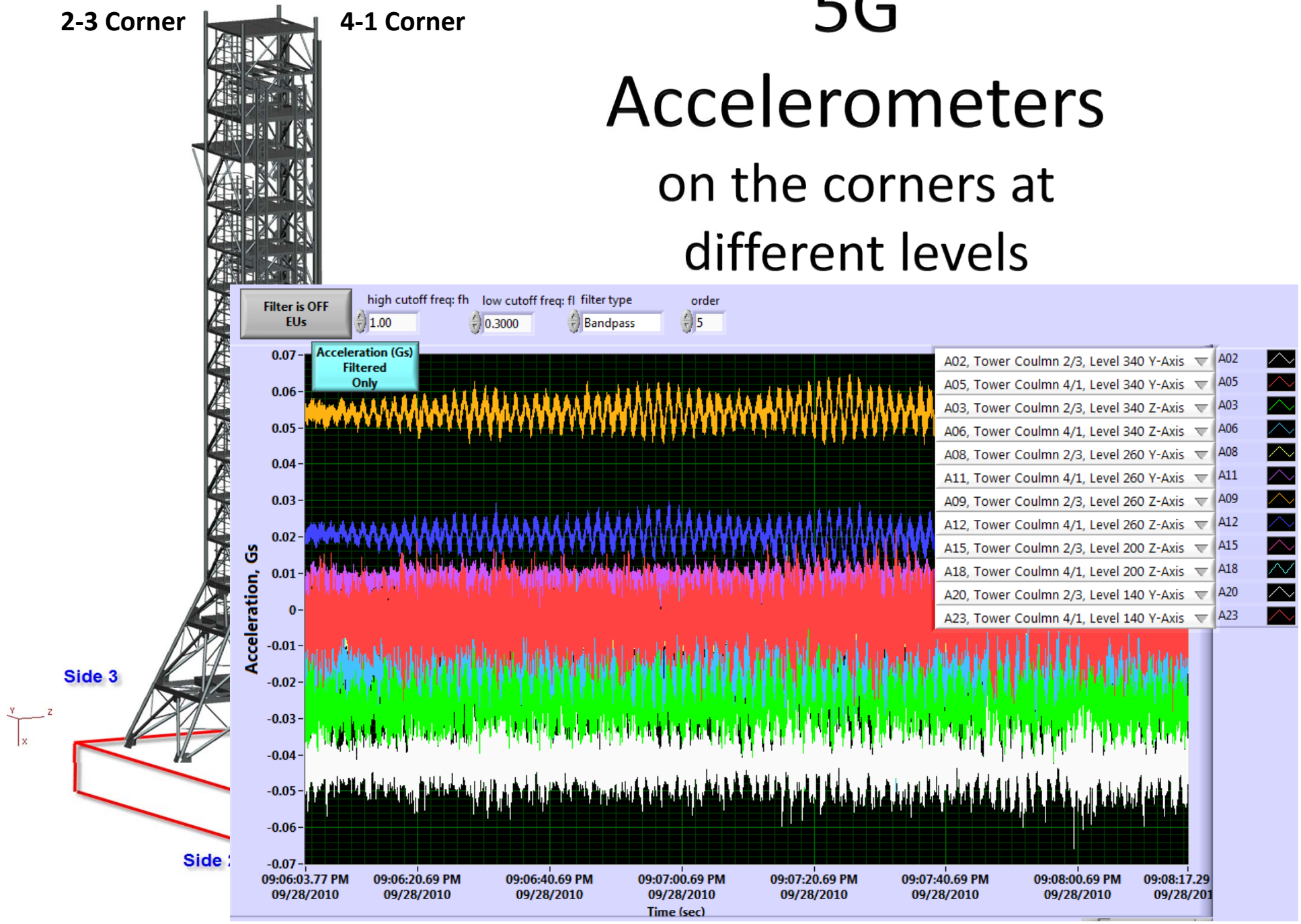


5G Accelerometers

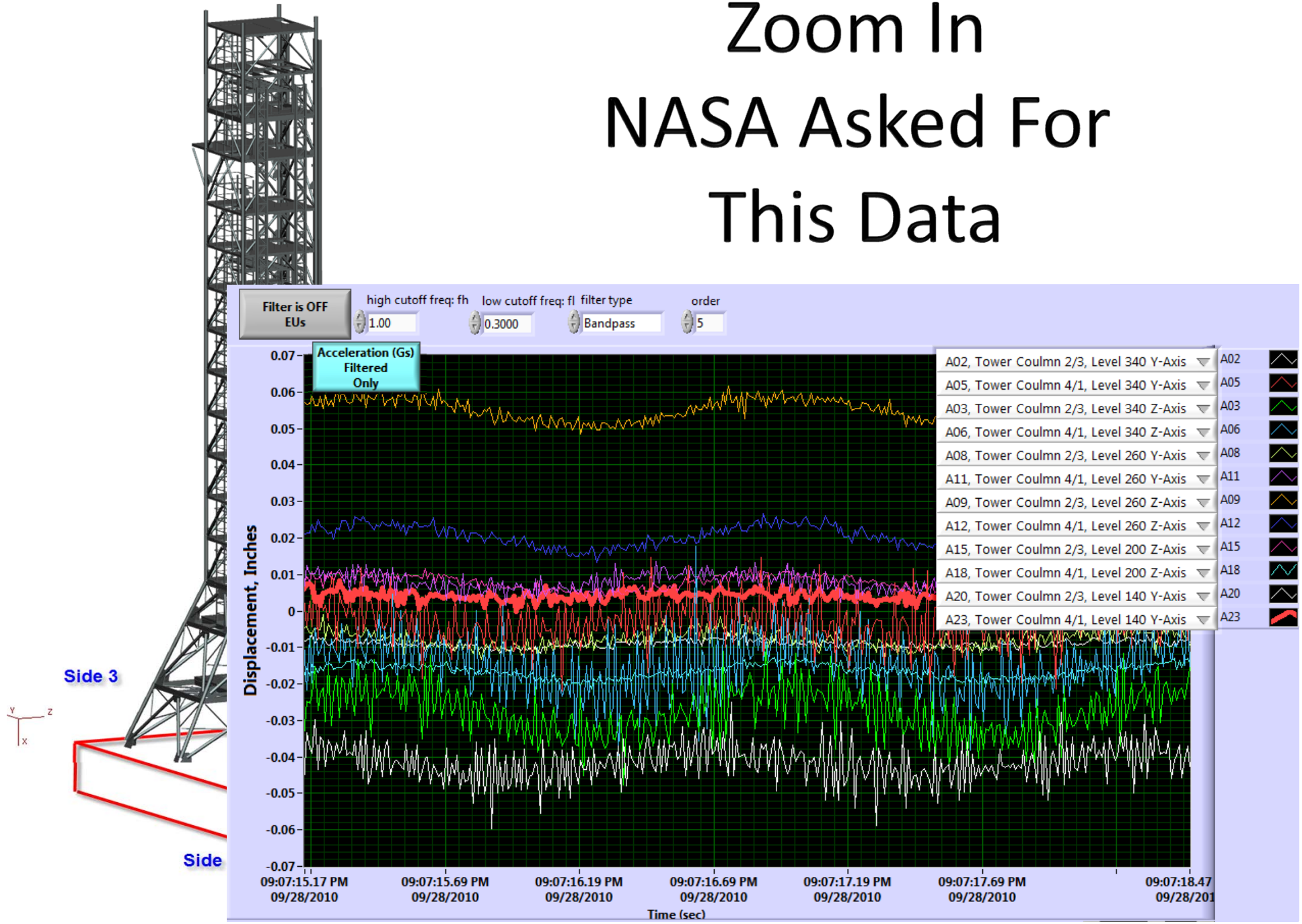
on the corners at different levels

5G Accelerometers

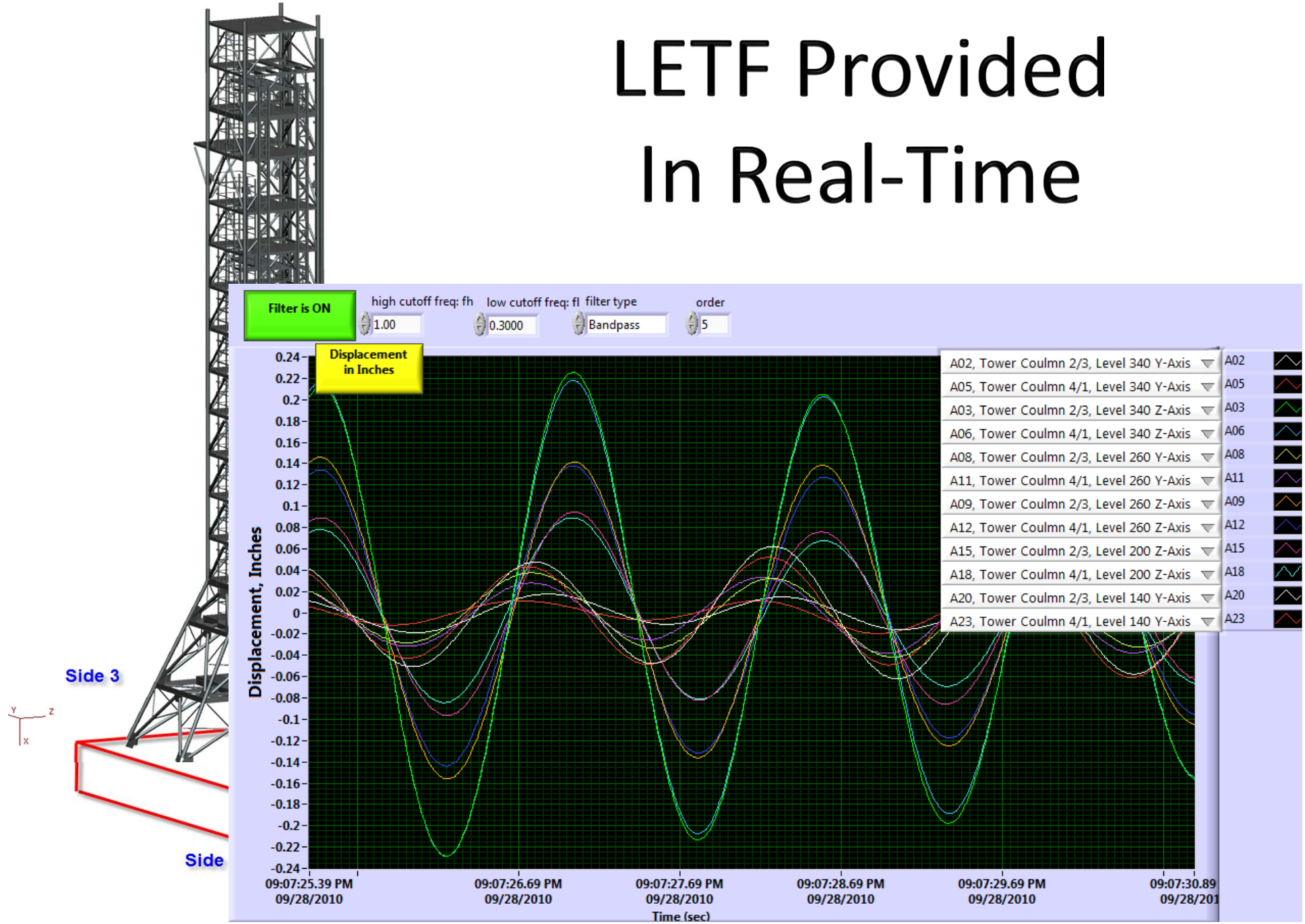
on the corners at different levels



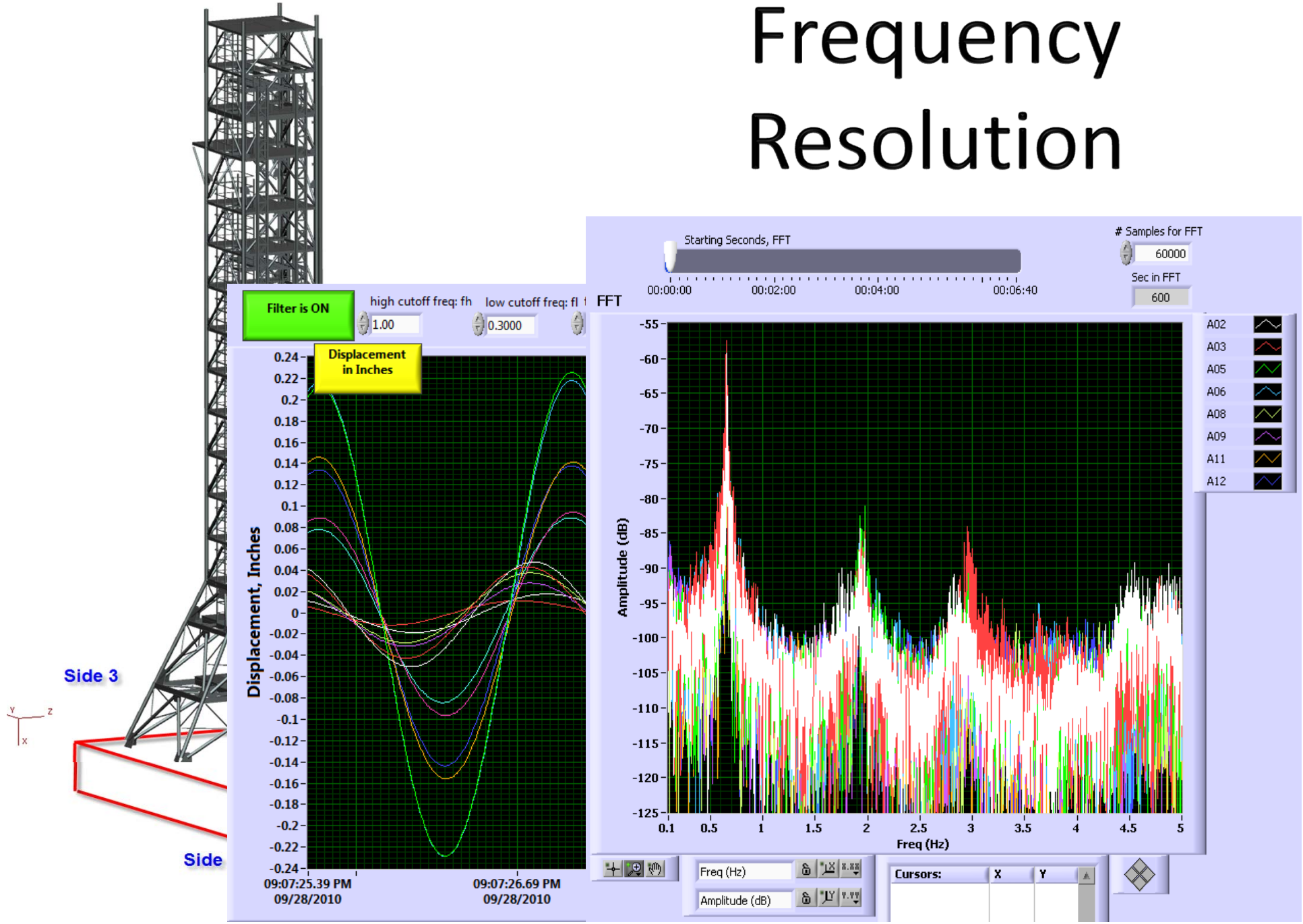
Zoom In
NASA Asked For
This Data



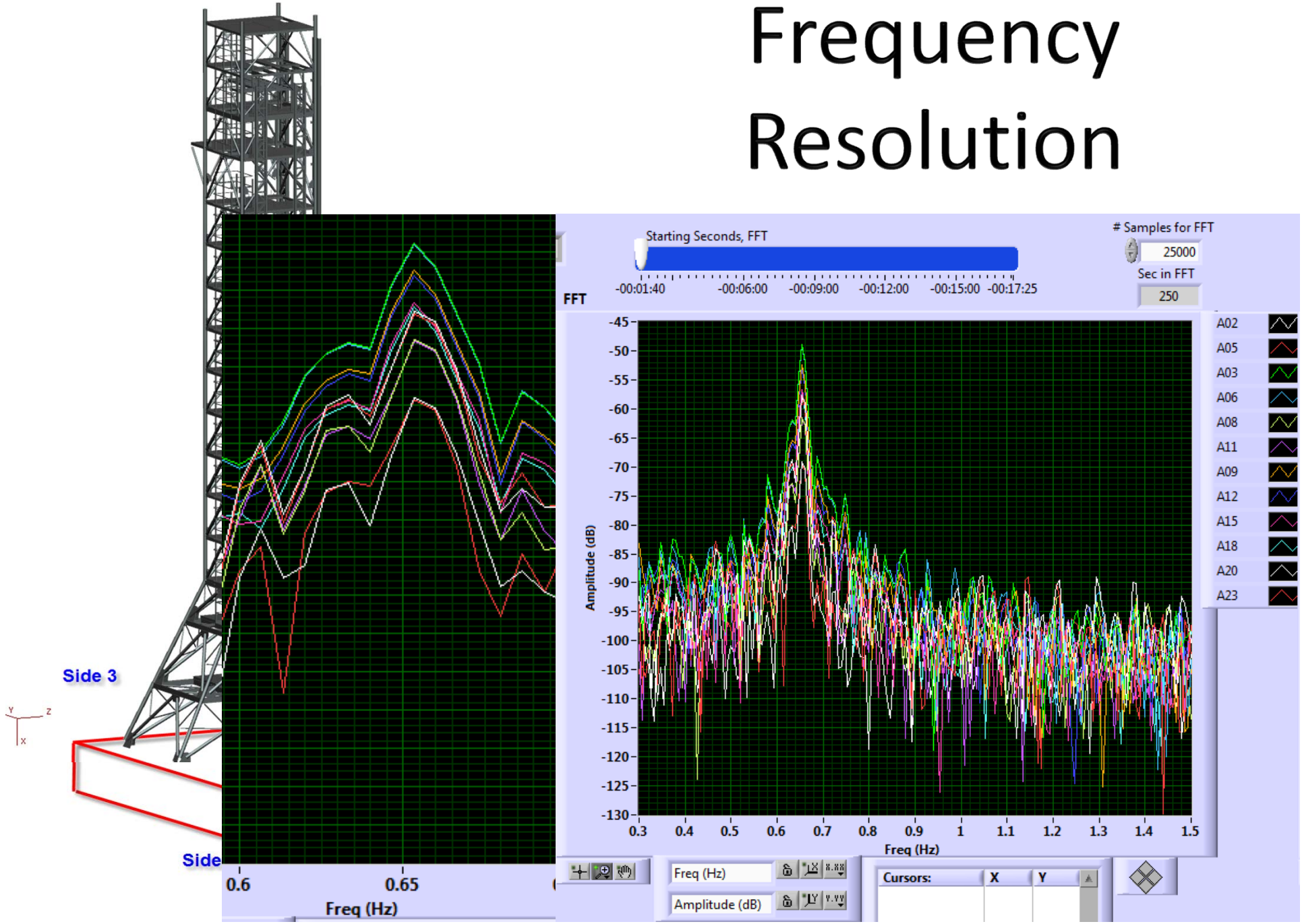
LETF Provided In Real-Time



Frequency Resolution

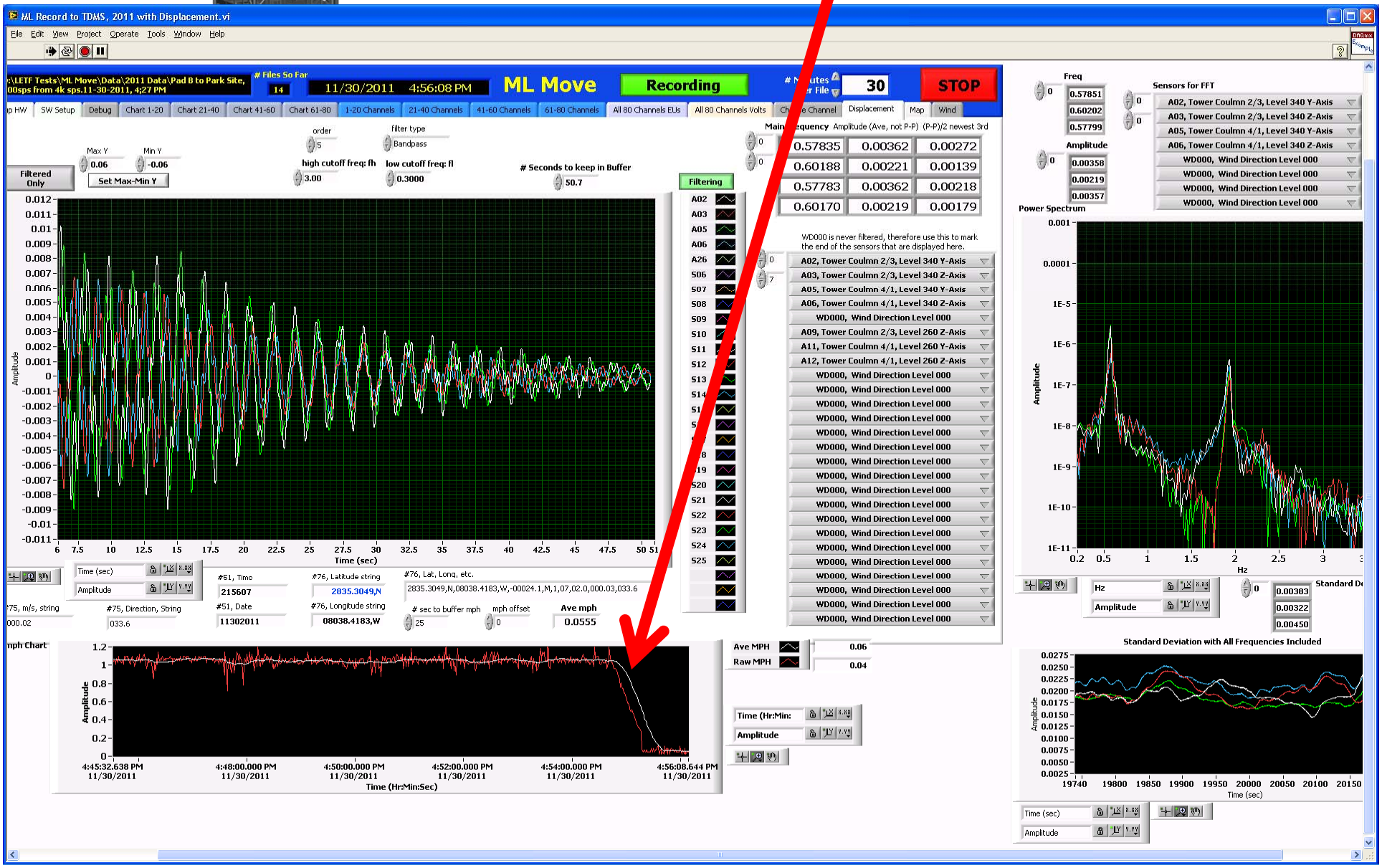


Frequency Resolution



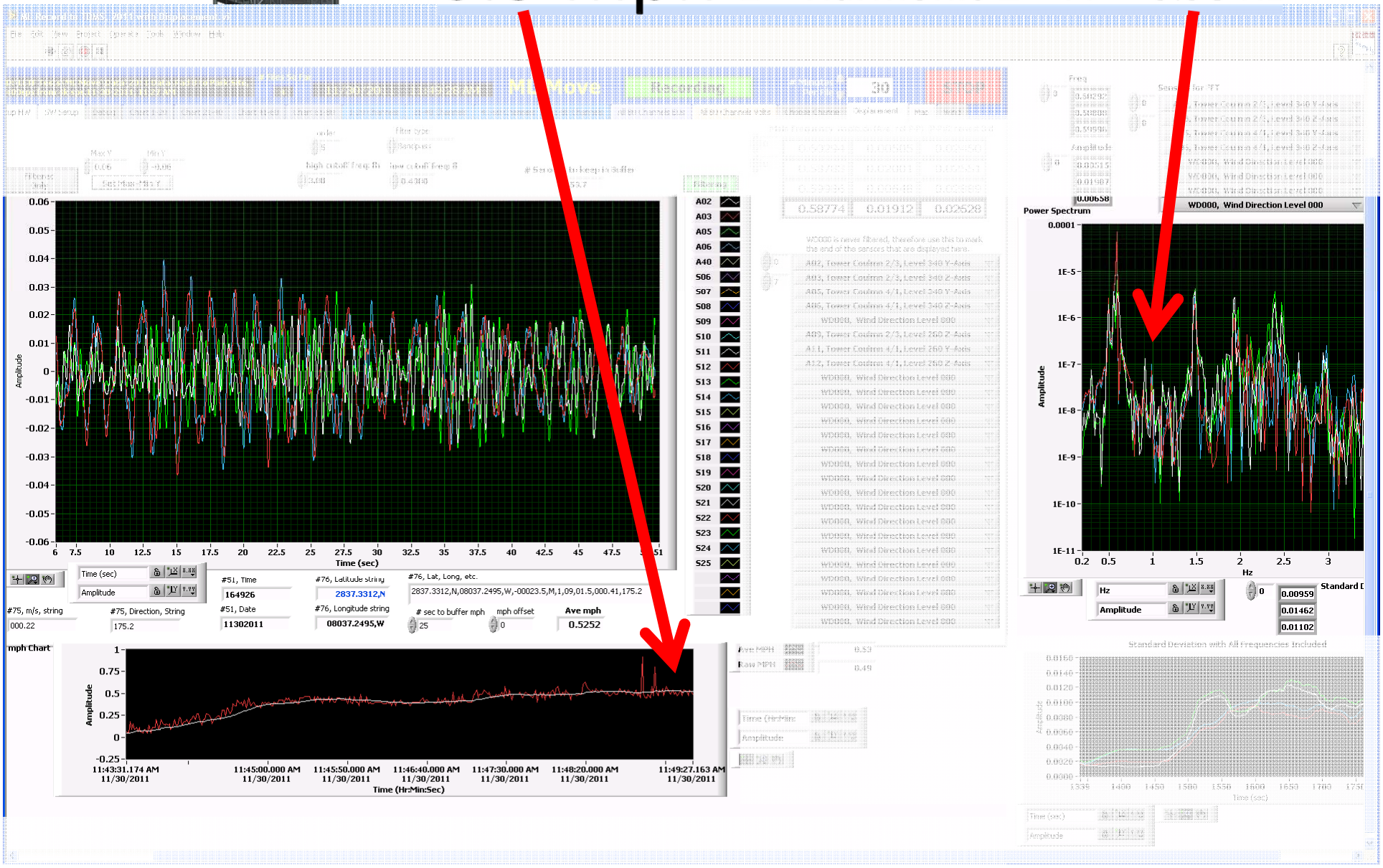
Real-Time MAP

Emergency Stop



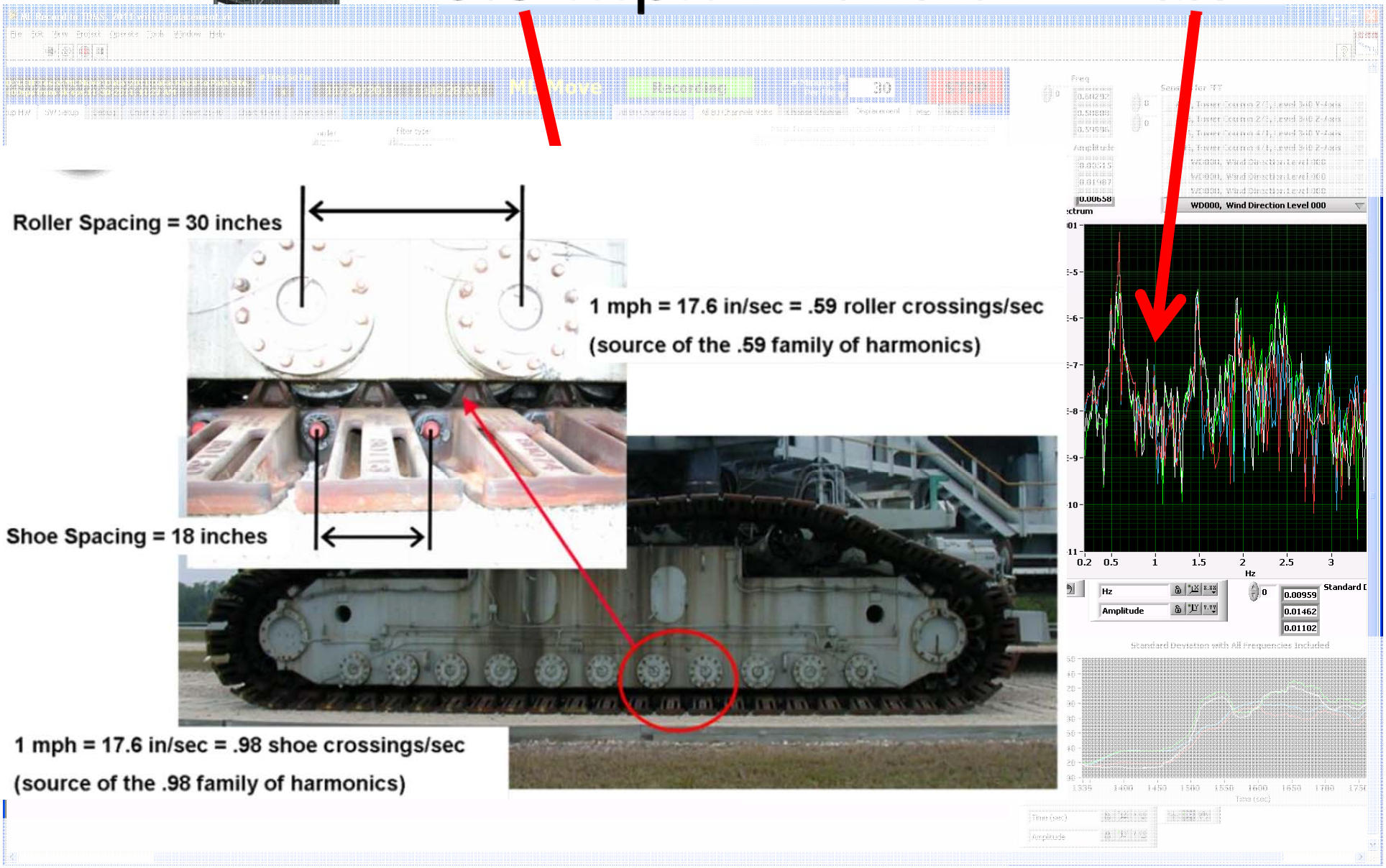
Predicted Frequencies

0.5 mph 2nd Harmonic 2nd FF = 0.98 Hz



Predicted Frequencies

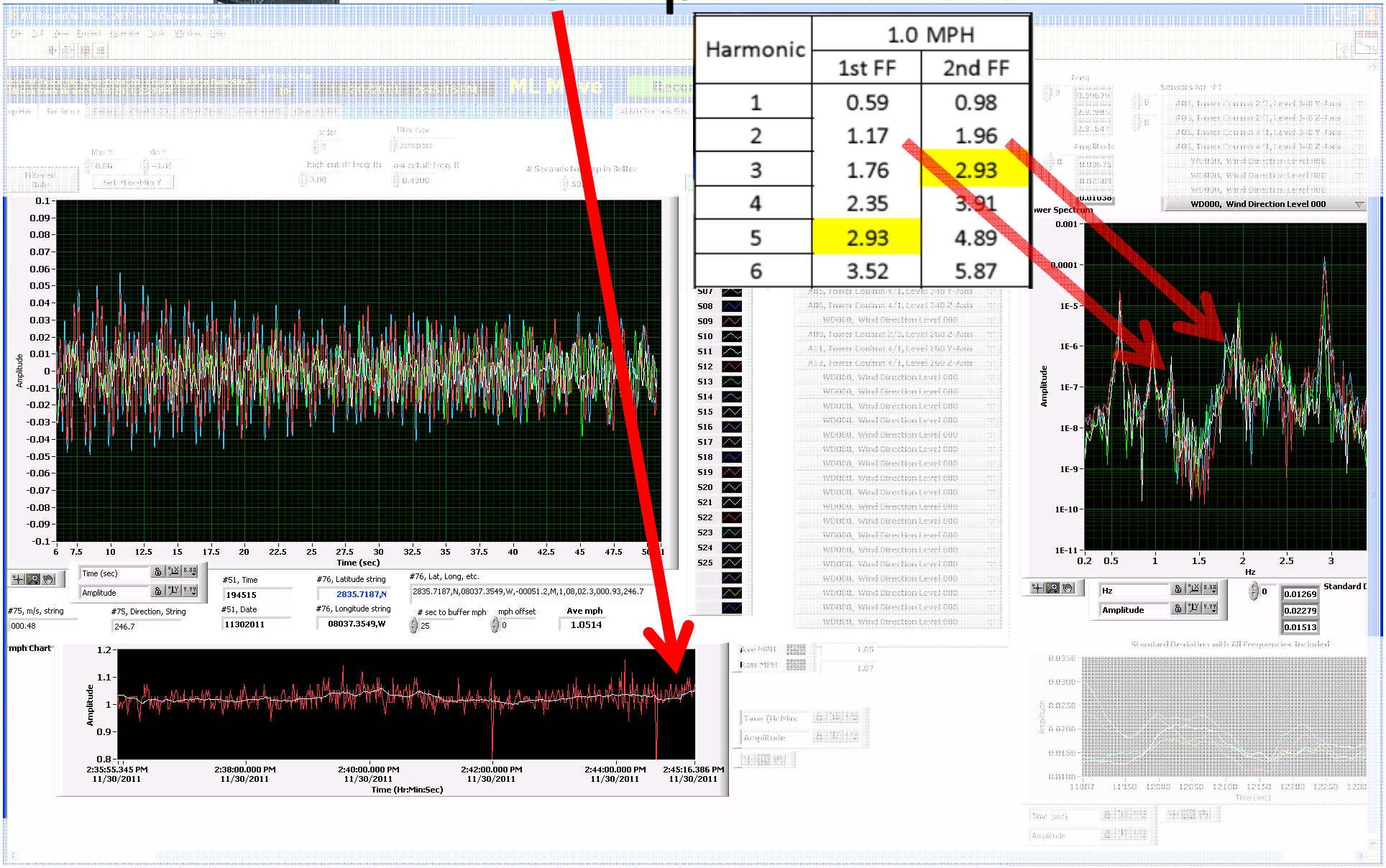
0.5 mph 2nd Harmonic 2nd FF = 0.98 Hz



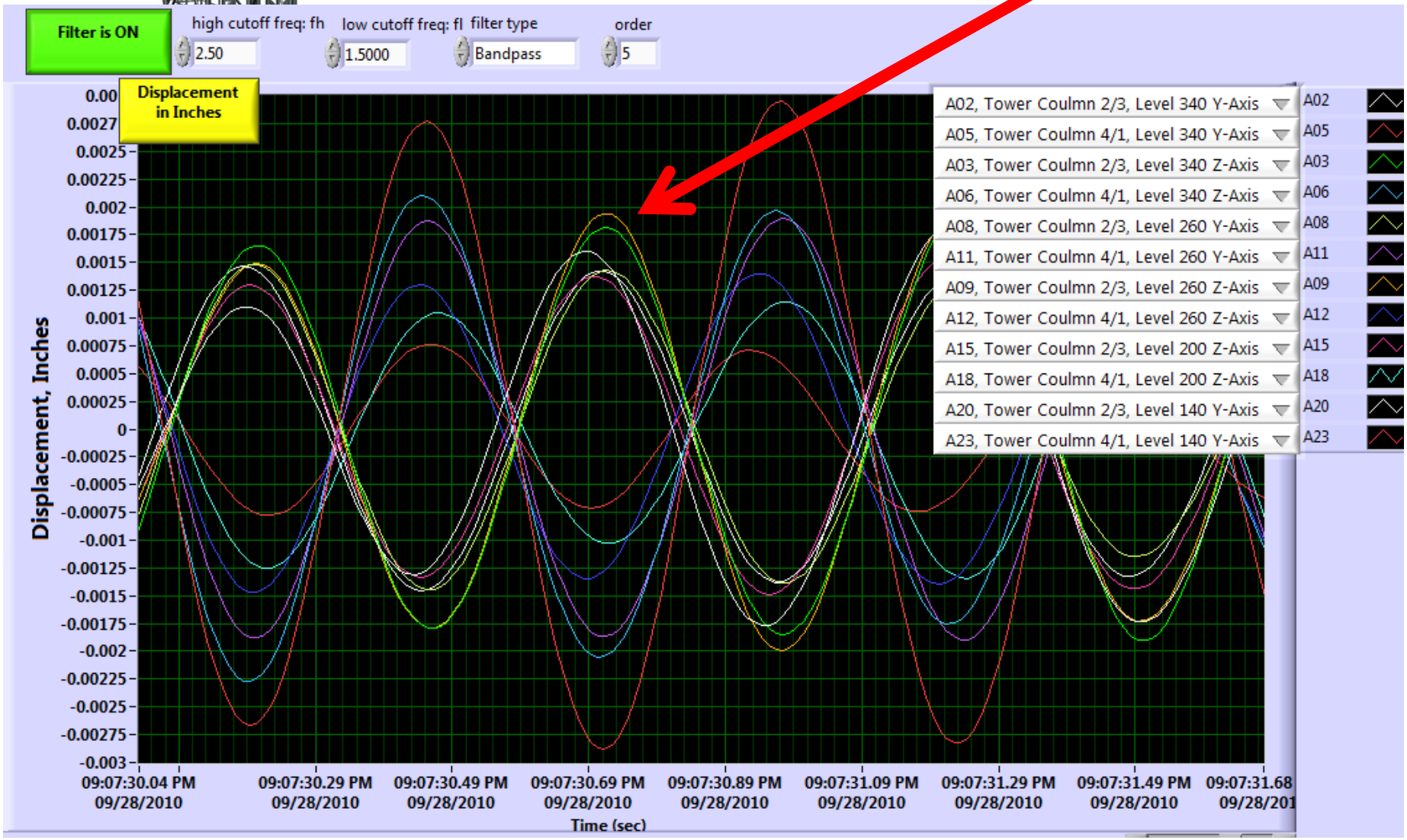
Predicted Frequencies

1.0 mph 2nd Harmonic 1st FF = 1.17 Hz

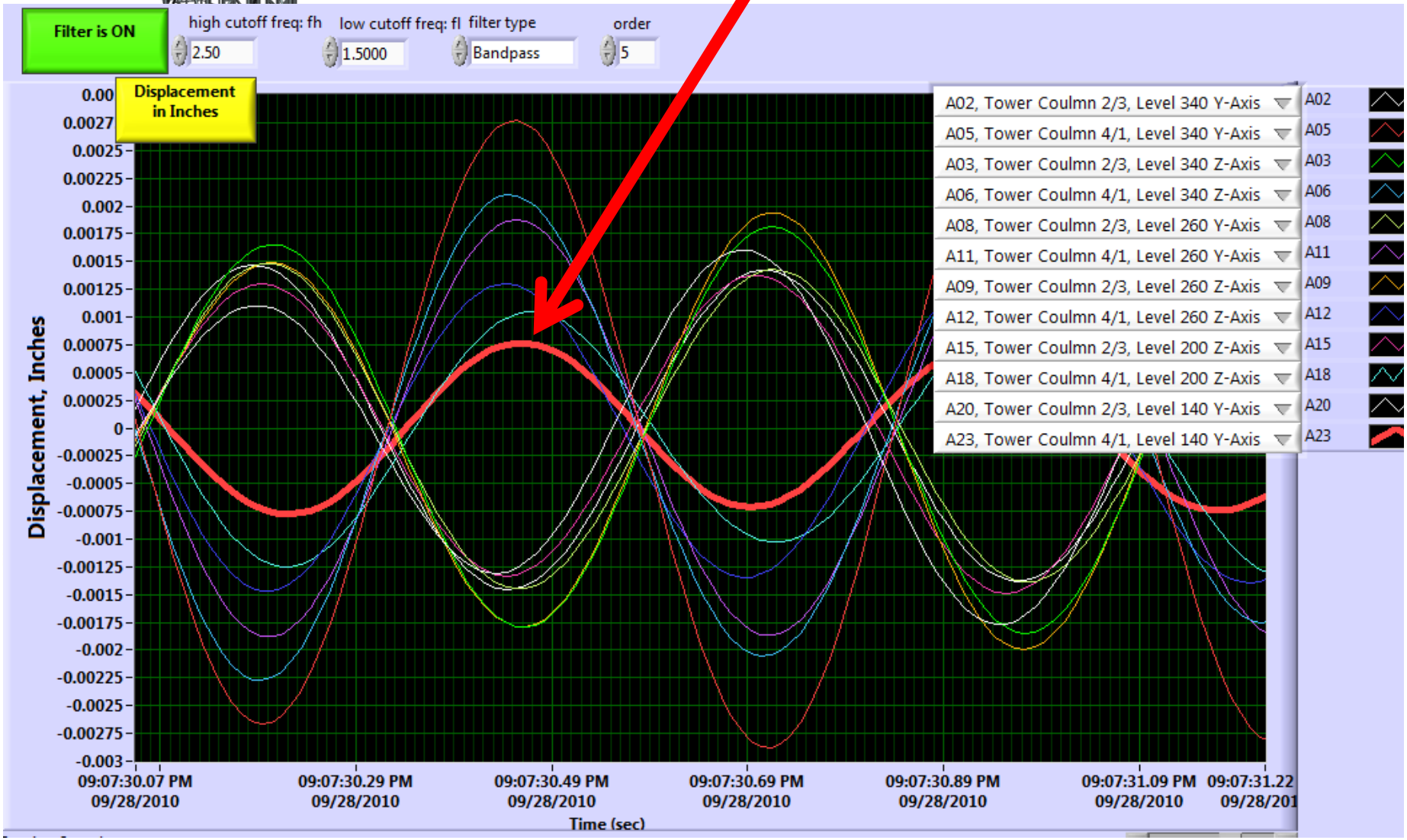
Harmonic	1.0 MPH	
	1st FF	2nd FF
1	0.59	0.98
2	1.17	1.96
3	1.76	2.93
4	2.35	3.91
5	2.93	4.89
6	3.52	5.87



Weather: Not only 1st Mode, But 2nd Mode



Resolution Displacement 0.001”



LETF Data Acquisition