Reilly Webb:

For the most part, the gap between theoretical and experimental results remained low throughout this lab. One outlier was the huge difference in experimental and theoretical data for the 2nd order LabView frequency response plots, but other than that our calculated values were agreeing with each other.

If this experiment were to be repeated, I would measure the true inductance and capacitance of each of the circuits. These values would be useful in checking our analysis techniques and calculations without making the analysis less challenging.

It would be interesting to analyze a different form of an RLC circuit, such as a series RLC circuit, and see how the frequency response compares. An RL circuit could also make for a good analysis.