

ID	Task Name	Start	Finish	Duration	Spring 2015 - Spring 2016							
1	Research	Spring 2015	Spring 2016	40 Weeks								
2	Diode Selection	Fall 2015	Fall 2015	1 Week								
3	Diode Configuration	Fall 2015	Mid Fall 2015	6 Weeks								
4	Filter Design	Mid Fall 2015	Mid Fall 2015	6 Weeks								
5	Impedance Matching	Mid Fall 2015	End Fall 2015	6 Weeks								
6	Purchase Parts	End Fall 2016	End Fall 2015	1 Day								
7	Circuit Implementation	Beginning Spring 2016	Mid Spring 2016	12 Weeks								
8	Contact Manufacturer	Mid Spring 2016	End Spring 2016	1 Week								
9	Test Product	End Spring 2016	End Spring 2016	3 Weeks								

For this week period there was progress made in the lumped element filter design of the system. Calculations were finished that will tell us what values will be needed for our capacitors and inductors for our input and output filter. Some issues have arisen in the parts ordering section of this project. We need to find parts that function at the high frequency we are using for this project, which is 5.8 GHz. This issue should be solved on 11/12, because we are having a meeting with the project advisor. The next step will be simulating these filters in ADS using real component S parameter values, as opposed to the ideal inductors and capacitors that are being used as place holders in the simulations right now.