Artifact ID:	Artifact Title:	
CT-001	Concept Testing Report	
Revision:	Revision Date:	
1.0	13 NOV 2019	
Prepared by:	Checked by:	
Autumn Twitchell	checker	
Purpose:		
This artifact is provided to summarize the testing of our concepts that led to our chosen concept.		

1. Revision History

Revision:	Revised by:	Checked by:	Date:
1.0	Autumn Twitchell	checker	13 NOV 2019

2. References

Artifact ID:	Revision:	Title:
N/A	N/A	N/A

3. Concept Testing

For our testing, we chose to split our system into three different components and from there we developed concepts and how to test whether they are viable concepts. Below are the results of our testing for each concept. More information on each concept can be found in the following artifacts: CD-001, …

Test Results:

- Reactive Tracking Concept: In our Python simulation, our test was successful in keeping the in-flight vehicle in the field of view at all times when we gave the system an update rate of 2 Hz. This proved to be exactly what we want to accomplish our goal of having the vehicle in the range of our antenna at all times.
- GUI Concept:
- Architecture Concept: