Dissertation Tests

### Test 0 (already done)

* 1. **Test**: RF analysis of tag orientation in shelve
  2. **Objective**: Evaluate the optimal tag orientation in stored products
  3. **Description**: Divide the shelves into quadrants and measure RSSI values within those quadrants and make a visual comparison between tag orientation with heat maps

### Test 1

* 1. **Test**: RF Survey of the Industrial Shelve with optimal tag orientation
  2. **Objective**: Study and evaluate the certainty and quality of tag readings
  3. **Description**: Divide the shelves into quadrants and measure RSSI values within those quadrants (more than in test 0) and make a visual representation with heat maps

### Test 2

* 1. **Test**: Accuracy in population of tag readings in blind RF zones
  2. **Objective**: Evaluate miss readings in high population tag readings when positioned in poor RF condition locations
  3. **Description**: Select poor RF condition locations from Test 1 and for each one at a time, place boxes full of selves in those positions to evaluate for miss readings (result presentation to define)

### Test 3

* 1. **Test**: Platform data validation
  2. **Objective**: Validate inventory readings saved in the database
  3. **Description**: Make inventory changes and validate through the web interface if the data is in accordance with those changes – namely if tags added or tags retrieved are adequately identified.