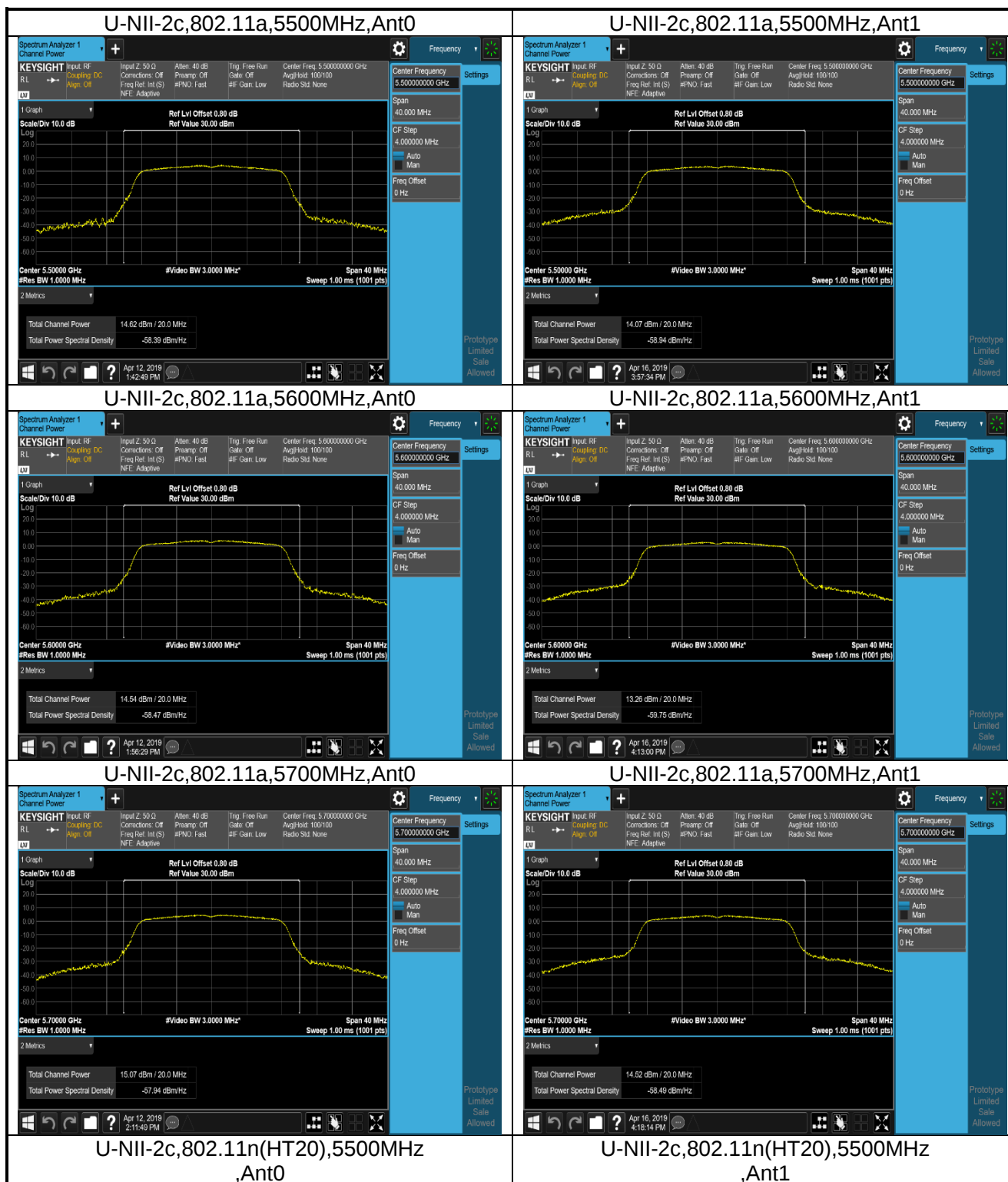
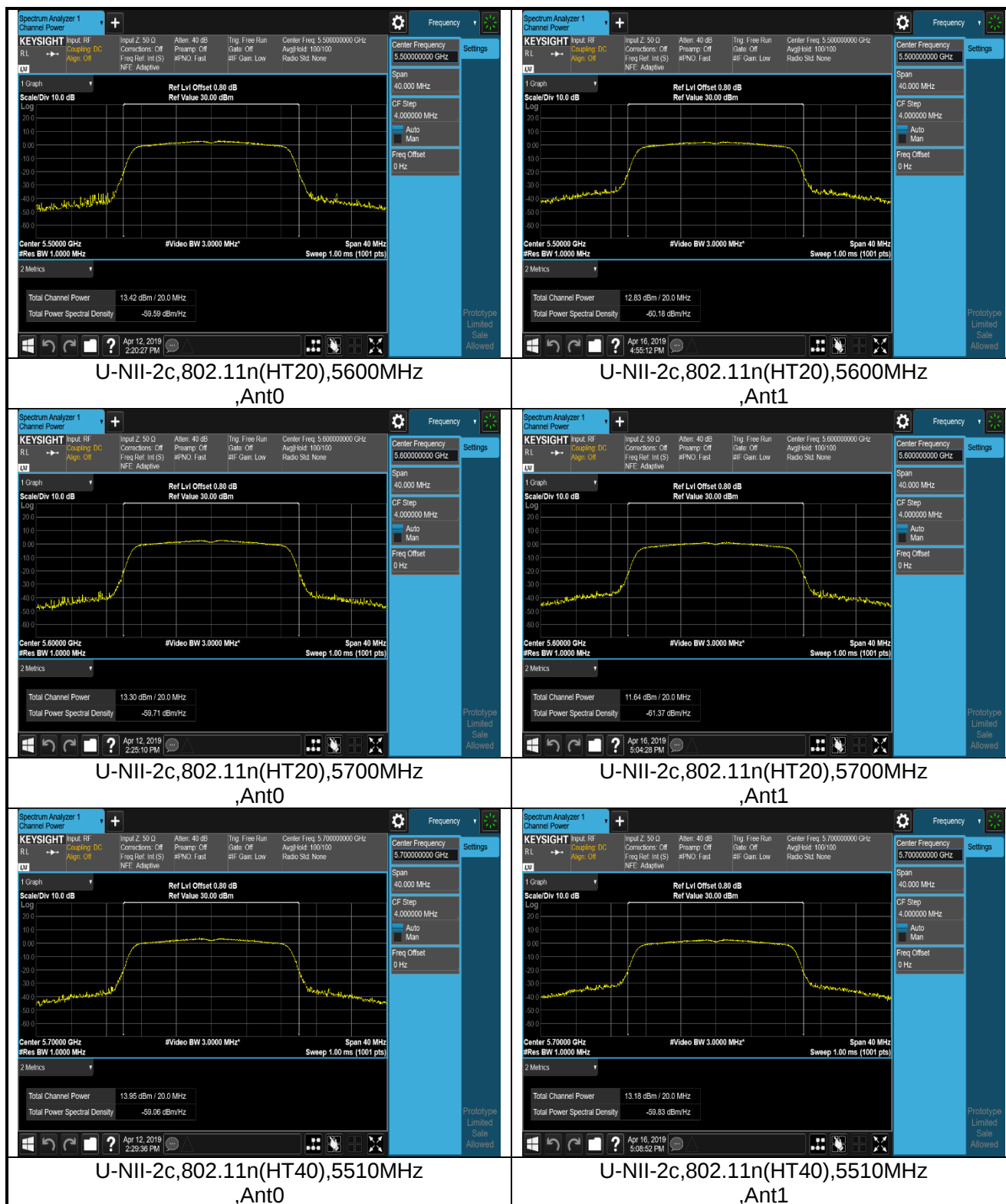
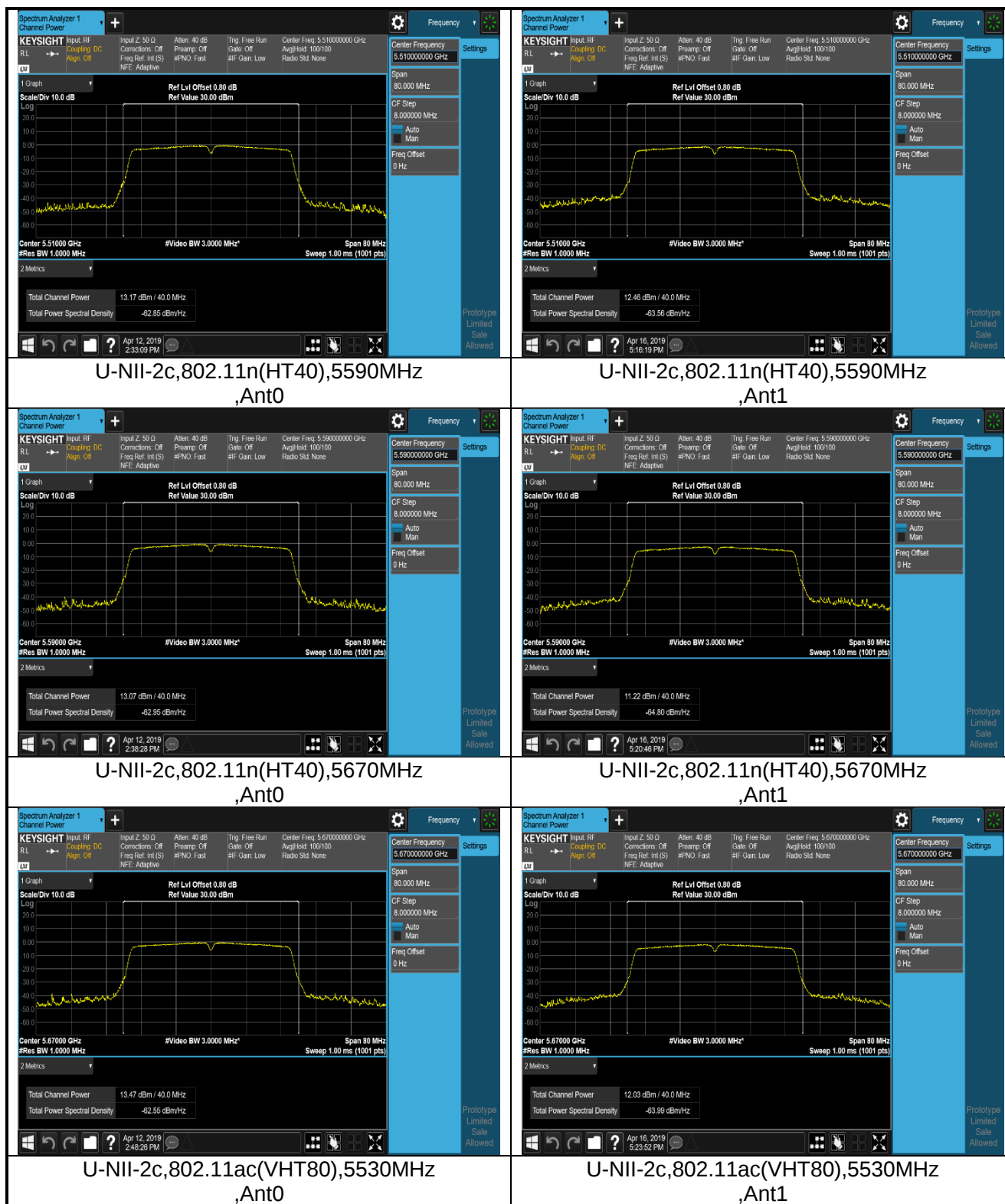
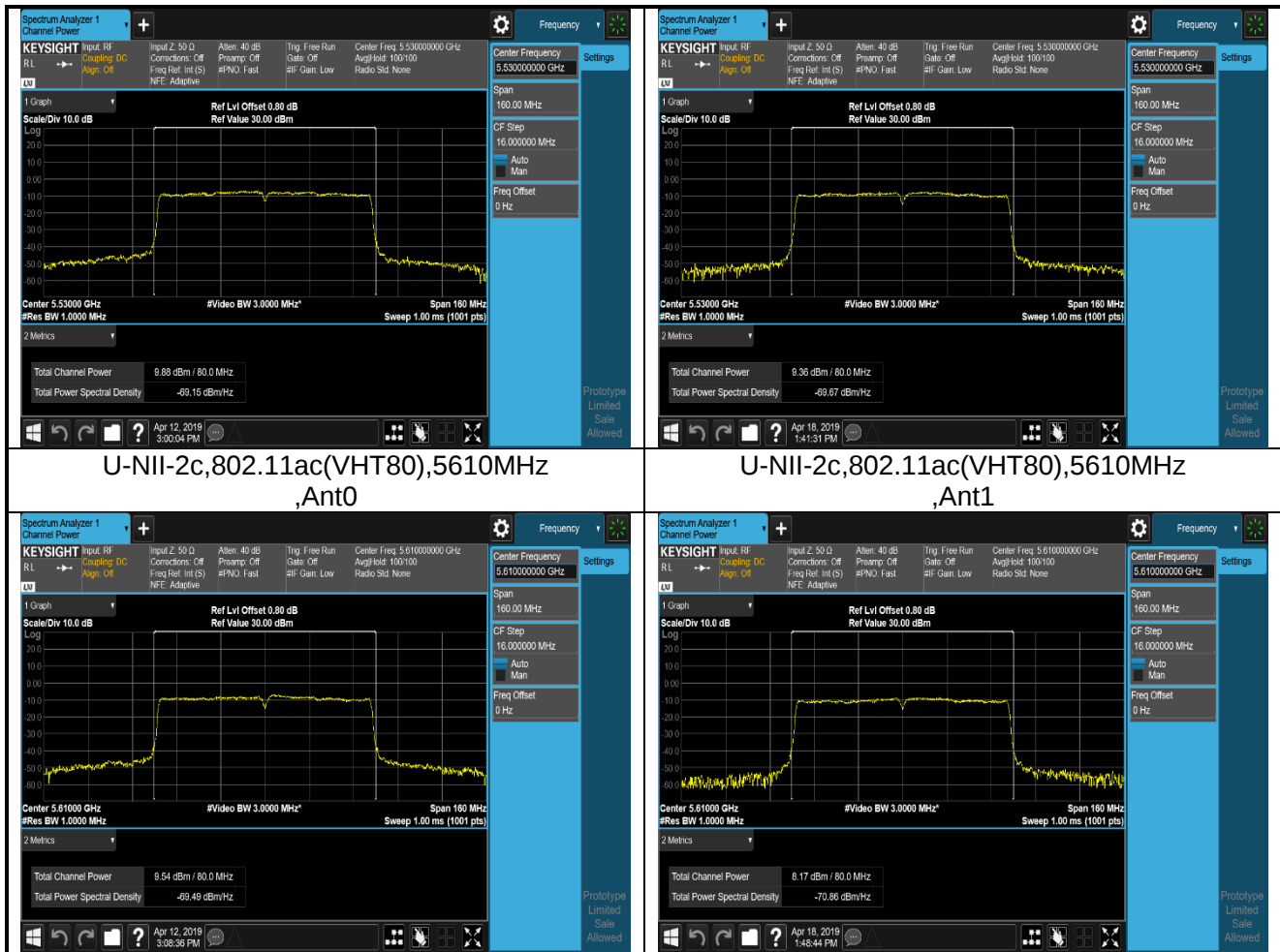


## 4.2 Test Plots









## 5. AVGSA Power Spectral Density

### 5.1 Test Data

| Mode             | Test Frequency (MHz) | Ant  | Duty Cycle Factor (dB) | PSD (dBm) | Total PSD (dBm) | RBW (kHz) | Limit (dBm) | Result |
|------------------|----------------------|------|------------------------|-----------|-----------------|-----------|-------------|--------|
| 802.11a          | 5500                 | Ant0 | 0.09                   | 4.527     | 4.527           | 1000      | 11          | Pass   |
| 802.11a          | 5500                 | Ant1 | 0.12                   | 3.919     | 3.919           | 1000      | 11          | Pass   |
| 802.11a          | 5600                 | Ant0 | 0.12                   | 4.628     | 4.628           | 1000      | 11          | Pass   |
| 802.11a          | 5600                 | Ant1 | 0.12                   | 3.213     | 3.213           | 1000      | 11          | Pass   |
| 802.11a          | 5700                 | Ant0 | 0.12                   | 4.970     | 4.970           | 1000      | 11          | Pass   |
| 802.11a          | 5700                 | Ant1 | 0.09                   | 4.369     | 4.369           | 1000      | 11          | Pass   |
| 802.11n (HT20)   | 5500                 | Ant0 | 0.13                   | 3.185     | 6.021           | 1000      | 11          | Pass   |
| 802.11n (HT20)   | 5500                 | Ant1 | 0.10                   | 2.830     |                 |           |             |        |
| 802.11n (HT20)   | 5600                 | Ant0 | 0.10                   | 3.011     | 5.326           | 1000      | 11          | Pass   |
| 802.11n (HT20)   | 5600                 | Ant1 | 0.10                   | 1.487     |                 |           |             |        |
| 802.11n (HT20)   | 5700                 | Ant0 | 0.10                   | 4.138     | 6.587           | 1000      | 11          | Pass   |
| 802.11n (HT20)   | 5700                 | Ant1 | 0.13                   | 2.931     |                 |           |             |        |
| 802.11n (HT40)   | 5510                 | Ant0 | 0.20                   | -0.366    | 2.400           | 1000      | 11          | Pass   |
| 802.11n (HT40)   | 5510                 | Ant1 | 0.26                   | -0.869    |                 |           |             |        |
| 802.11n (HT40)   | 5590                 | Ant0 | 0.26                   | -0.376    | 1.707           | 1000      | 11          | Pass   |
| 802.11n (HT40)   | 5590                 | Ant1 | 0.20                   | -2.484    |                 |           |             |        |
| 802.11n (HT40)   | 5670                 | Ant0 | 0.26                   | 0.240     | 2.484           | 1000      | 11          | Pass   |
| 802.11n (HT40)   | 5670                 | Ant1 | 0.26                   | -1.458    |                 |           |             |        |
| 802.11ac (VHT80) | 5530                 | Ant0 | 0.75                   | -5.649    | -3.119          | 1000      | 11          | Pass   |
| 802.11ac (VHT80) | 5530                 | Ant1 | 0.75                   | -6.670    |                 |           |             |        |
| 802.11ac (VHT80) | 5610                 | Ant0 | 0.75                   | -6.520    | -3.948          | 1000      | 11          | Pass   |
| 802.11ac (VHT80) | 5610                 | Ant1 | 0.75                   | -7.445    |                 |           |             |        |

## 5.2 Test Plots

