



5. AVGSA Power Spectral Density

5.1 Test Data

| U-NII-3 AVGSA Power Spectral Density | | | | | | | | |
|--------------------------------------|----------------------|------|------------------------|-----------|-----------------|-----------|-------------|--------|
| Mode | Test Frequency (MHz) | Ant | Duty Cycle Factor (dB) | PSD (dBm) | Total PSD (dBm) | RBW (kHz) | Limit (dBm) | Result |
| 802.11a | 5745 | Ant0 | 0.11 | 2.764 | 2.764 | 510 | 30 | Pass |
| 802.11a | 5745 | Ant1 | 0.10 | 3.280 | 3.280 | 510 | 30 | Pass |
| 802.11a | 5785 | Ant0 | 0.11 | 2.702 | 2.702 | 510 | 30 | Pass |
| 802.11a | 5785 | Ant1 | 0.10 | 3.123 | 3.123 | 510 | 30 | Pass |
| 802.11a | 5825 | Ant0 | 0.11 | 2.855 | 2.855 | 510 | 30 | Pass |
| 802.11a | 5825 | Ant1 | 0.11 | 2.860 | 2.860 | 510 | 30 | Pass |
| 802.11n (HT20) | 5745 | Ant0 | 0.11 | 1.646 | 4.950 | 510 | 30 | Pass |
| 802.11n (HT20) | 5745 | Ant1 | 0.11 | 2.215 | | | | |
| 802.11n (HT20) | 5785 | Ant0 | 0.12 | 1.473 | 4.694 | 510 | 30 | Pass |
| 802.11n (HT20) | 5785 | Ant1 | 0.12 | 1.884 | | | | |
| 802.11n (HT20) | 5825 | Ant0 | 0.12 | 1.773 | 4.586 | 510 | 30 | Pass |
| 802.11n (HT20) | 5825 | Ant1 | 0.12 | 1.370 | | | | |
| 802.11n (HT40) | 5755 | Ant0 | 0.24 | -1.851 | 1.346 | 510 | 30 | Pass |
| 802.11n (HT40) | 5755 | Ant1 | 0.22 | -1.486 | | | | |
| 802.11n (HT40) | 5795 | Ant0 | 0.22 | -2.155 | 0.962 | 510 | 30 | Pass |
| 802.11n (HT40) | 5795 | Ant1 | 0.24 | -1.945 | | | | |
| 802.11ac (VHT80) | 5775 | Ant0 | 0.74 | -6.603 | -3.063 | 510 | 30 | Pass |
| 802.11ac (VHT80) | 5775 | Ant1 | 0.75 | -5.602 | | | | |



