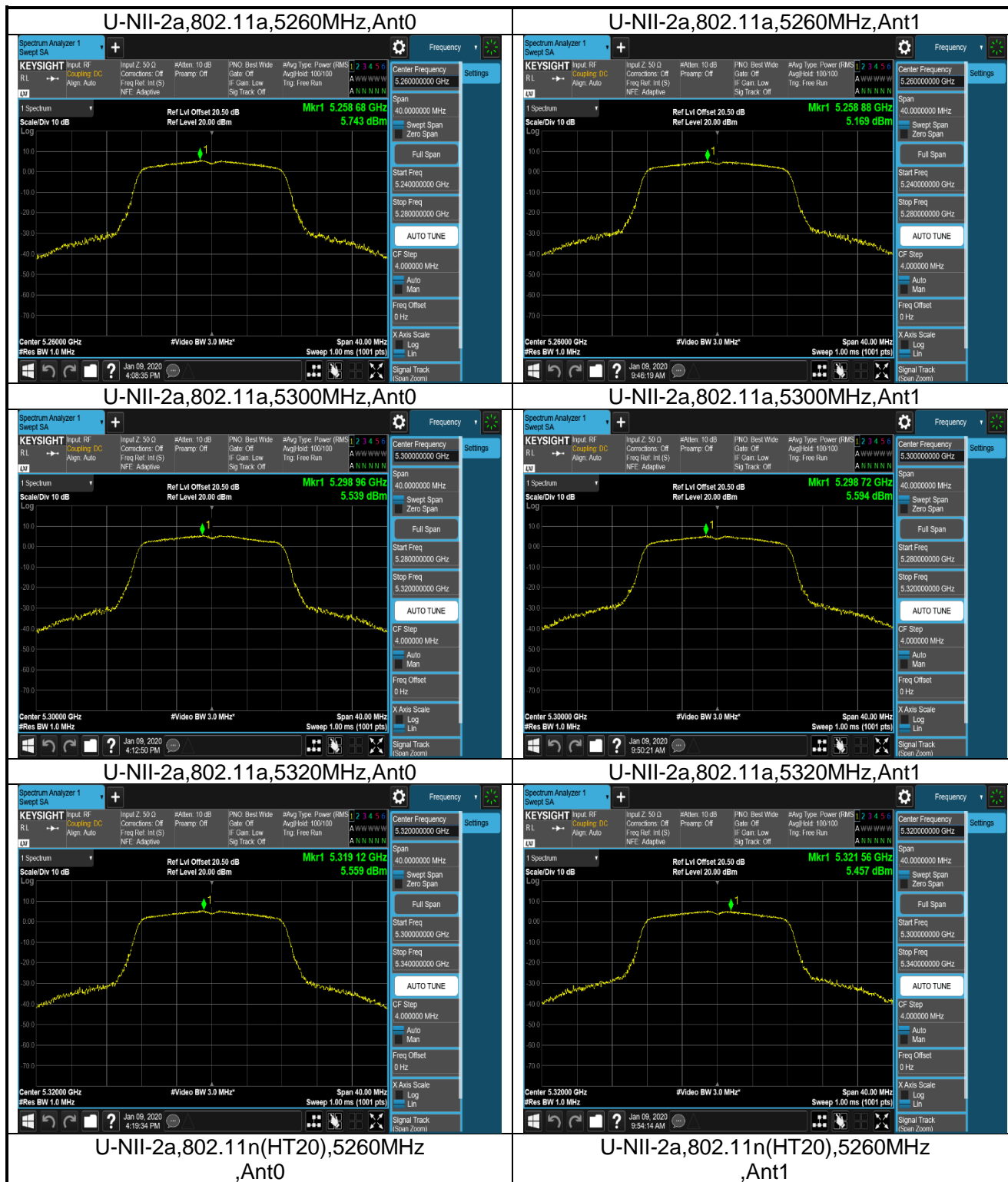


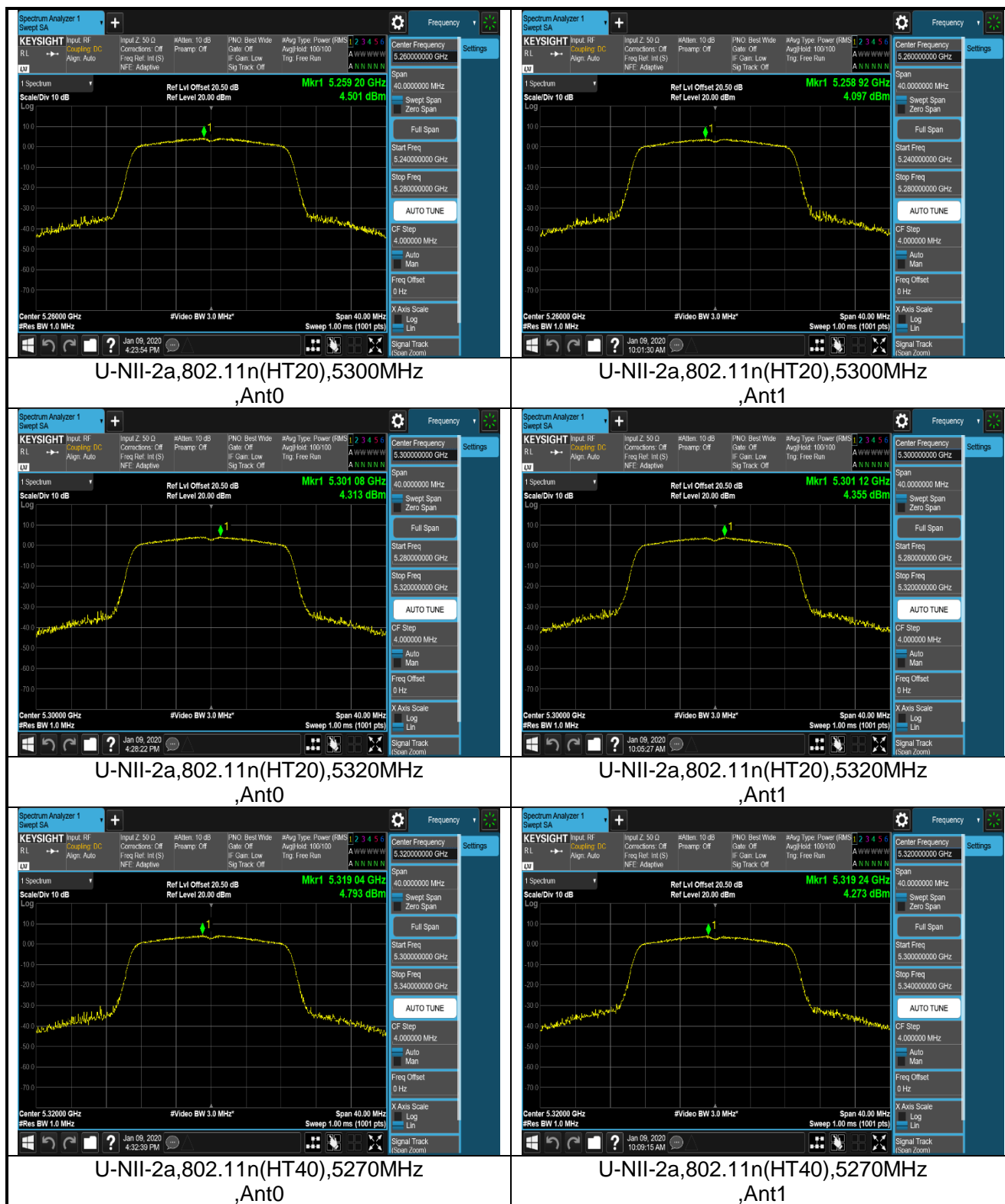
5. AVGSA Power Spectral Density

5.1 Test Data

| U-NII-2a 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 | 5260 | Ant0 | 0.12 | 5.863 | 5.863 | 1000 | 11 | Pass |
| 802.11a | 5260 | Ant1 | 0.09 | 5.259 | 5.259 | 1000 | 11 | Pass |
| 802.11a | 5300 | Ant0 | 0.09 | 5.629 | 5.629 | 1000 | 11 | Pass |
| 802.11a | 5300 | Ant1 | 0.09 | 5.684 | 5.684 | 1000 | 11 | Pass |
| 802.11a | 5320 | Ant0 | 0.09 | 5.649 | 5.649 | 1000 | 11 | Pass |
| 802.11a | 5320 | Ant1 | 0.09 | 5.547 | 5.547 | 1000 | 11 | Pass |
| 802.11n (HT20) | 5260 | Ant0 | 0.10 | 4.601 | 7.428 | 1000 | 11 | Pass |
| 802.11n (HT20) | 5260 | Ant1 | 0.13 | 4.227 | | | | |
| 802.11n (HT20) | 5300 | Ant0 | 0.13 | 4.443 | 7.474 | 1000 | 11 | Pass |
| 802.11n (HT20) | 5300 | Ant1 | 0.13 | 4.485 | | | | |
| 802.11n (HT20) | 5320 | Ant0 | 0.10 | 4.893 | 7.651 | 1000 | 11 | Pass |
| 802.11n (HT20) | 5320 | Ant1 | 0.10 | 4.373 | | | | |
| 802.11n (HT40) | 5270 | Ant0 | 0.26 | 1.021 | 3.924 | 1000 | 11 | Pass |
| 802.11n (HT40) | 5270 | Ant1 | 0.26 | 0.803 | | | | |
| 802.11n (HT40) | 5310 | Ant0 | 0.26 | 0.902 | 3.849 | 1000 | 11 | Pass |
| 802.11n (HT40) | 5310 | Ant1 | 0.20 | 0.775 | | | | |
| 802.11ac (VHT80) | 5290 | Ant0 | 0.74 | -4.063 | -0.692 | 1000 | 11 | Pass |
| 802.11ac (VHT80) | 5290 | Ant1 | 0.75 | -3.369 | | | | |

5.2 Test Plots







U-NII-2a,802.11n(HT40),5310MHz
,Ant0



U-NII-2a,802.11n(HT40),5310MHz
,Ant1



U-NII-2a,802.11ac(VHT80),5290MHz
,Ant0



U-NII-2a,802.11ac(VHT80),5290MHz
,Ant1

