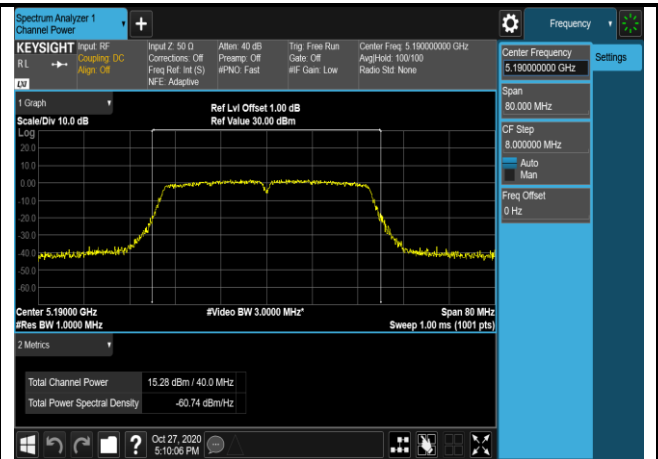
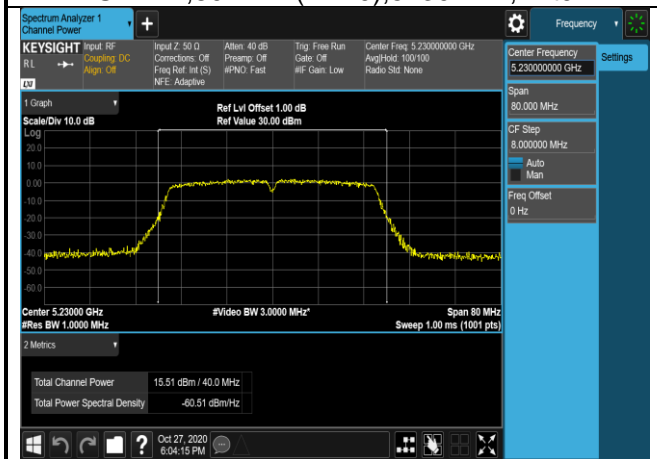


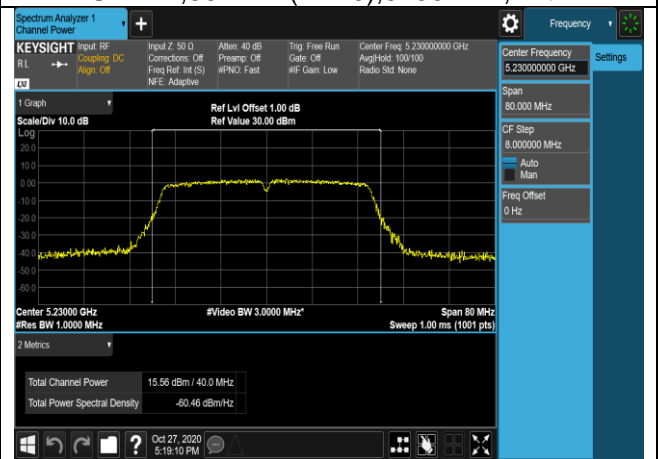
U-NII-1,802.11n(HT40),5230MHz,Ant0



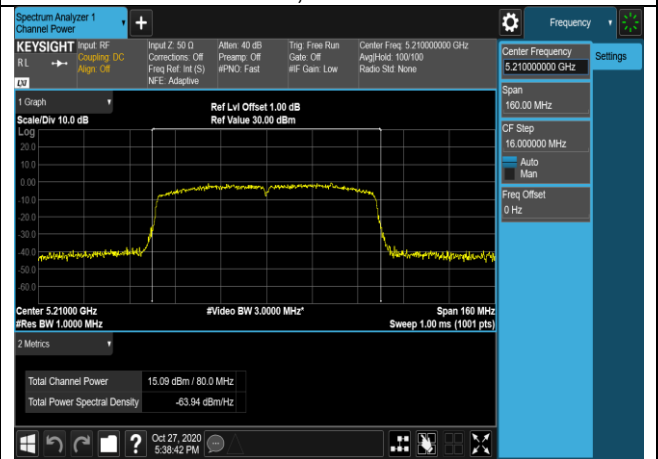
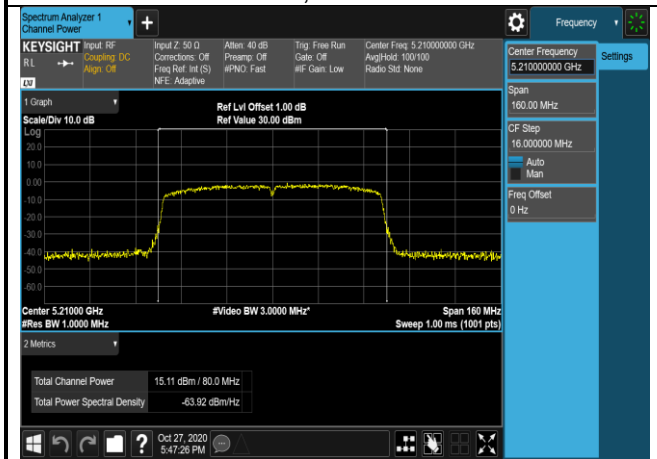
U-NII-1,802.11n(HT40),5230MHz,Ant1



U-NII-1,802.11ac(VHT80),5210MHz
,Ant0



U-NII-1,802.11ac(VHT80),5210MHz
,Ant1

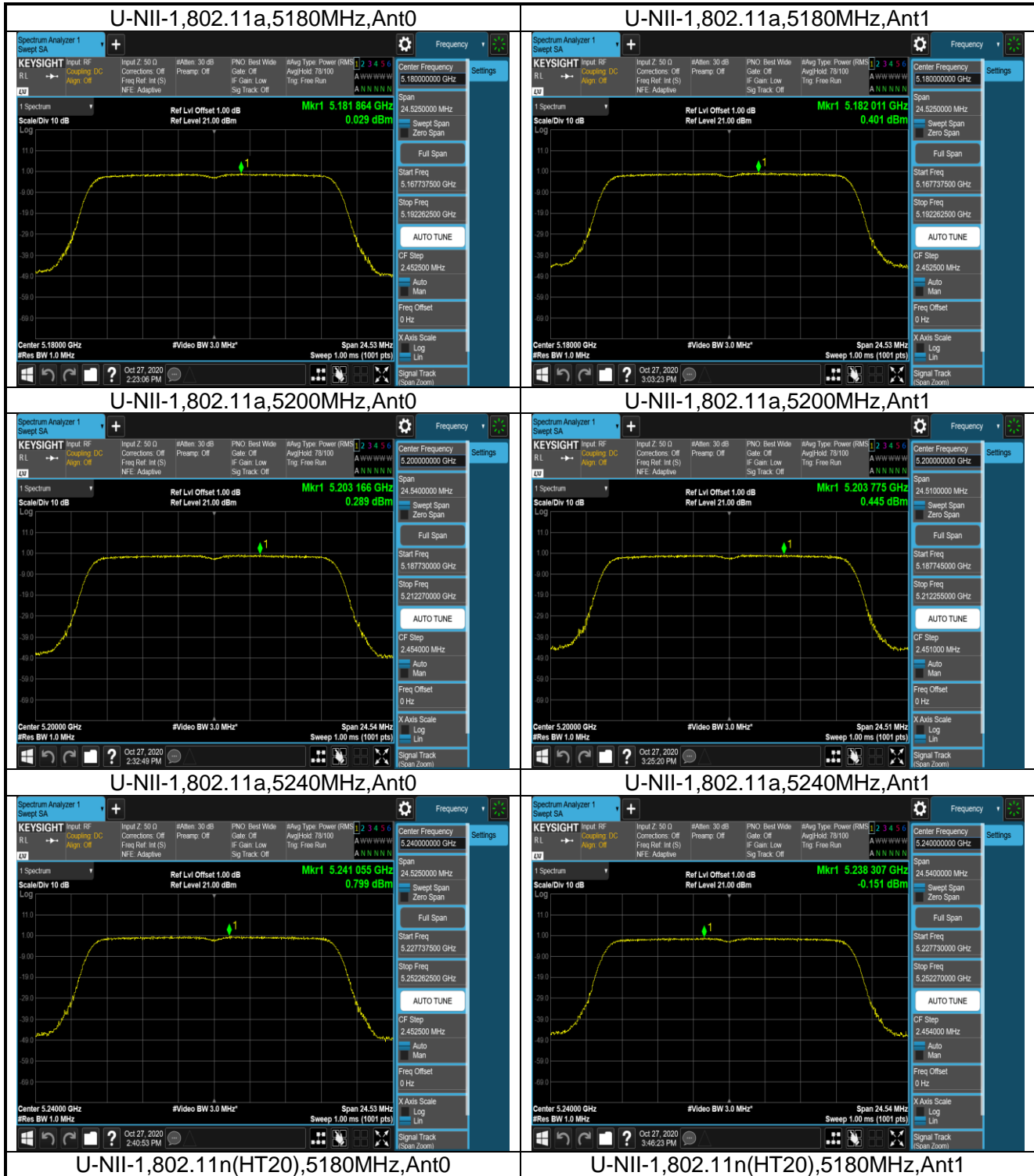


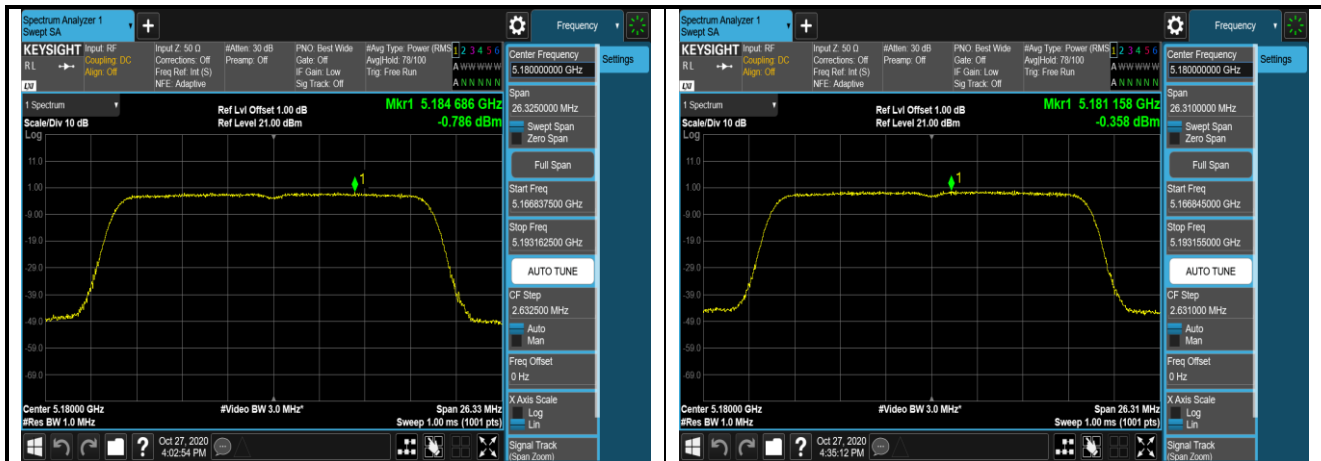
5. AVGSA Power Spectral Density

5.1 Test Data

| U-NII-1 AVGSA Power Spectral Density | | | | | | | | | |
|--------------------------------------|----------------------|------|------------------------|-----------|-----------------|---------------------|----------------|----------------|--------|
| Mode | Test Frequency (MHz) | Ant | Duty Cycle Factor (dB) | PSD (dBm) | Total PSD (dBm) | FCC PSD Limit (dBm) | EIRP PSD (dBm) | IC Limit (dBm) | Result |
| 802.11a | 5180 | Ant0 | 0.00 | 0.030 | 0.030 | 11 | 1.84 | 10 | Pass |
| 802.11a | 5180 | Ant1 | 0.00 | 0.461 | 0.461 | 11 | 3.53 | 10 | Pass |
| 802.11a | 5200 | Ant0 | 0.00 | 0.313 | 0.313 | 11 | 2.12 | 10 | Pass |
| 802.11a | 5200 | Ant1 | 0.00 | 0.480 | 0.480 | 11 | 3.55 | 10 | Pass |
| 802.11a | 5240 | Ant0 | 0.00 | 0.803 | 0.803 | 11 | 2.61 | 10 | Pass |
| 802.11a | 5240 | Ant1 | 0.00 | -0.125 | -0.125 | 11 | 2.95 | 10 | Pass |
| 802.11n (HT20) | 5180 | Ant0 | 0.00 | -0.808 | 2.44 | 11 | 4.93 | 10 | Pass |
| 802.11n (HT20) | 5180 | Ant1 | 0.00 | -0.328 | | | | | |
| 802.11n (HT20) | 5200 | Ant0 | 0.00 | -0.463 | 2.65 | 11 | 5.14 | 10 | Pass |
| 802.11n (HT20) | 5200 | Ant1 | 0.00 | -0.256 | | | | | |
| 802.11n (HT20) | 5240 | Ant0 | 0.00 | -0.899 | 2.55 | 11 | 5.04 | 10 | Pass |
| 802.11n (HT20) | 5240 | Ant1 | 0.00 | -0.071 | | | | | |
| 802.11n (HT40) | 5190 | Ant0 | 0.00 | -3.849 | -0.56 | 11 | 1.93 | 10 | Pass |
| 802.11n (HT40) | 5190 | Ant1 | 0.00 | -3.307 | | | | | |
| 802.11n (HT40) | 5230 | Ant0 | 0.00 | -2.984 | 0.21 | 11 | 2.70 | 10 | Pass |
| 802.11n (HT40) | 5230 | Ant1 | 0.00 | -2.623 | | | | | |
| 802.11ac (VHT80) | 5210 | Ant0 | 0.00 | -6.527 | -3.45 | 11 | -0.96 | 10 | Pass |
| 802.11ac (VHT80) | 5210 | Ant1 | 0.00 | -6.388 | | | | | |

5.2 Test Plots





U-NII-1,802.11n(HT20),5200MHz,Ant0

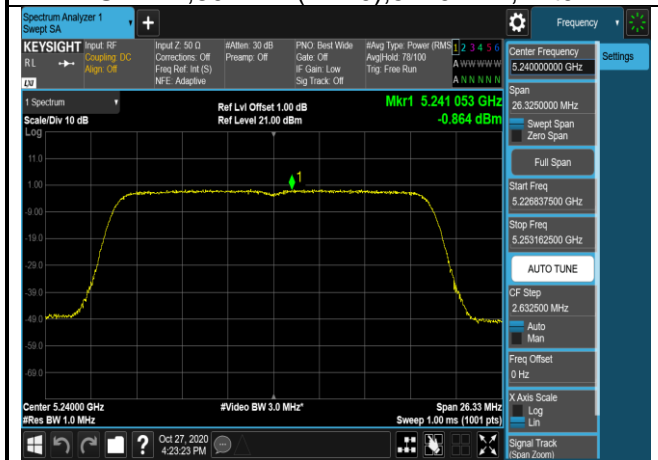
U-NII-1,802.11n(HT20),5200MHz,Ant1



U-NII-1,802.11n(HT20),5240MHz,Ant0



U-NII-1,802.11n(HT20),5240MHz,Ant1



U-NII-1,802.11n(HT40),5190MHz,Ant0



U-NII-1,802.11n(HT40),5190MHz,Ant1

