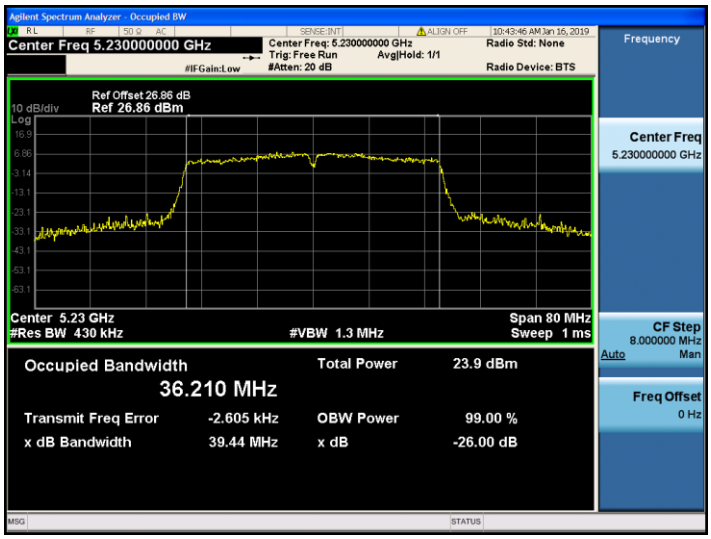
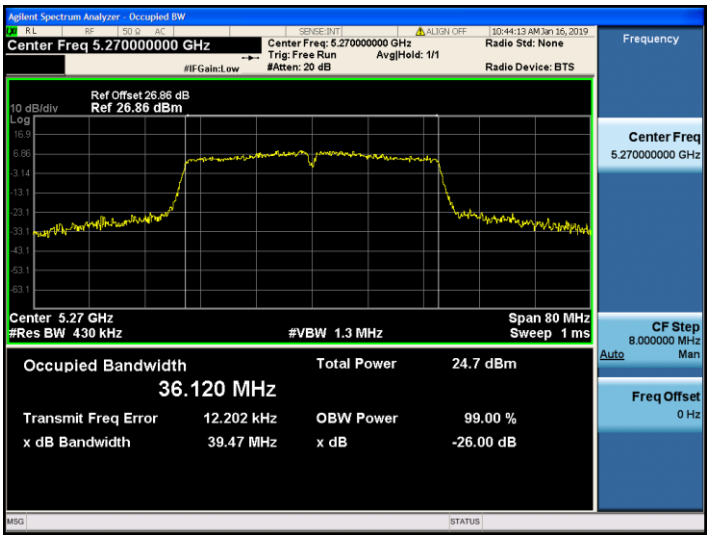
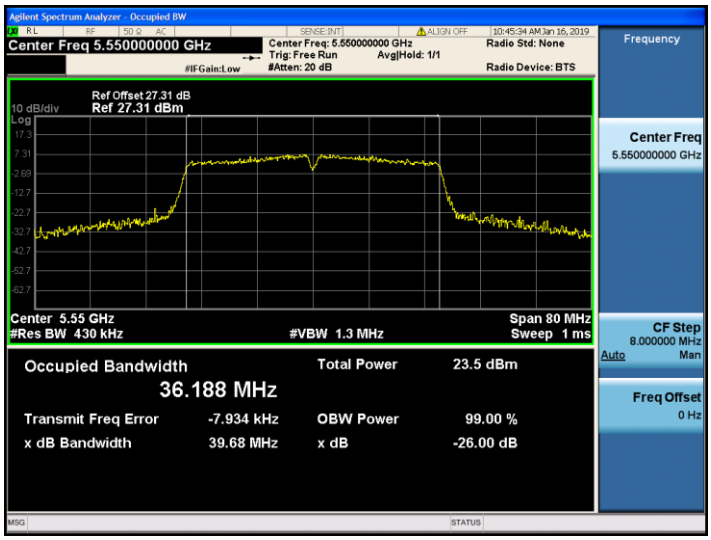
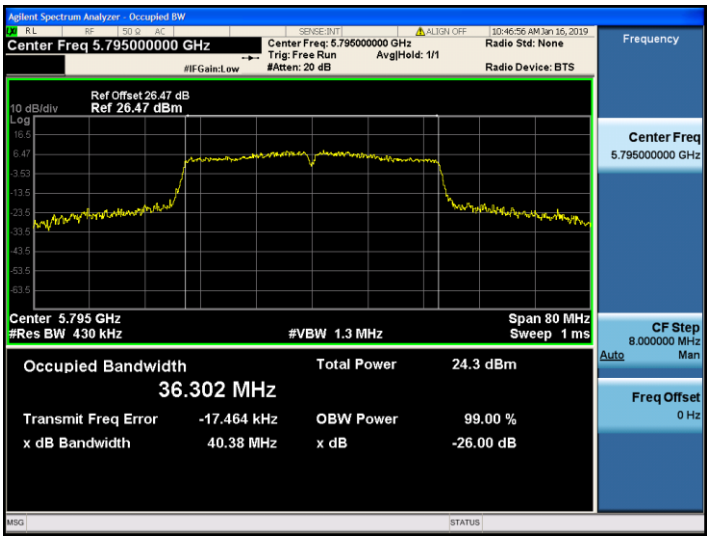
## ▣ Test Plots(802.11ac(VHT40))

**Note:**

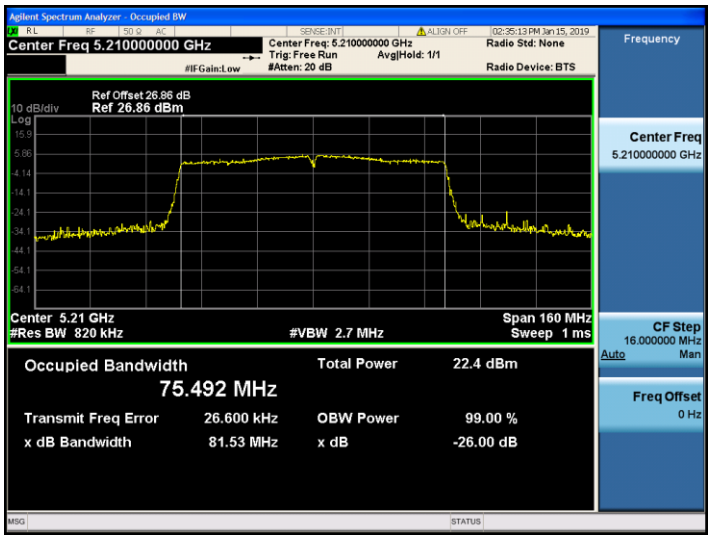
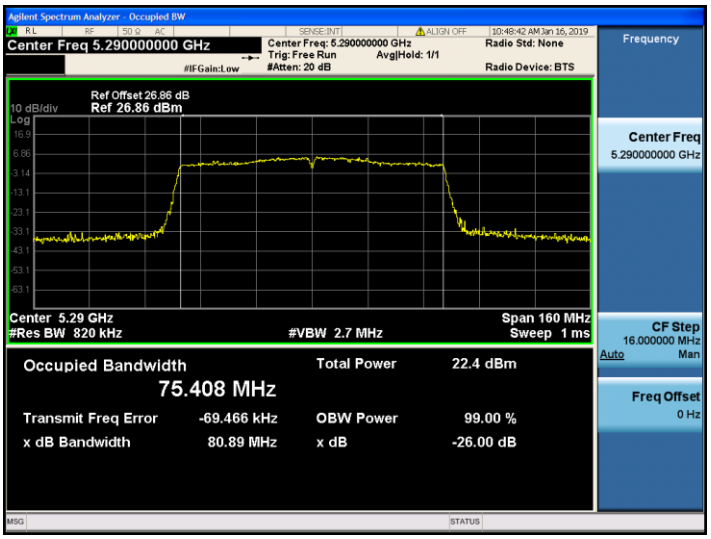
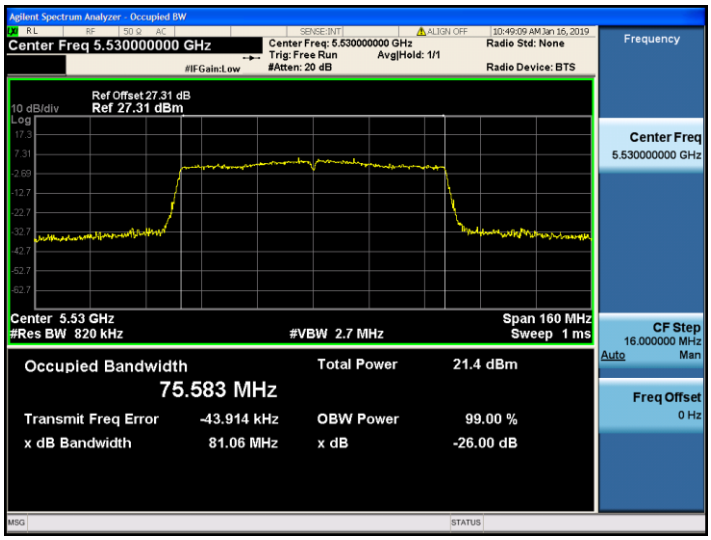
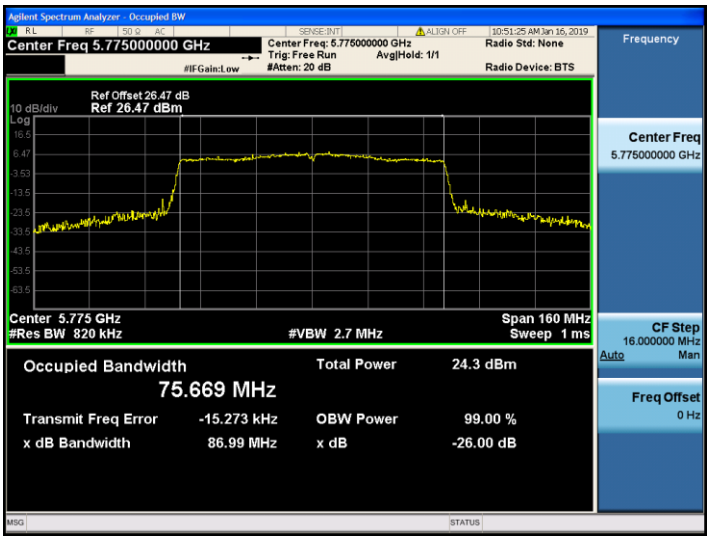
In order to simplify the report, attached plots were only the most wide channel.

| 802.11ac_VHT40 UNII 1 BAND 26dB Bandwidth(CH 46) | 802.11ac_VHT40 UNII 2A BAND 26dB Bandwidth (CH 54) |
|---|---|
|  |  |
| **802.11ac_VHT40 UNII 2C BAND 26dB Bandwidth(CH 110)** | **802.11ac_VHT40 UNII 3 BAND 26dB Bandwidth (CH 159)** |
|  |  |

## ▣ Test Plots(802.11ac(VHT80))

**Note:**

In order to simplify the report, attached plots were only the most wide channel.

| 802.11ac_VHT80 UNII 1 BAND 26dB Bandwidth(CH 42) | 802.11ac_VHT80 UNII 2A BAND 26dB Bandwidth (CH 58) |
|---|---|
|  |  |
| **802.11ac_VHT80 UNII 2C BAND 26dB Bandwidth(CH 106)** | **802.11ac_VHT80 UNII 3 BAND 26dB Bandwidth (CH 155)** |
|  |  |

## 10.3 6DB BANDWIDTH

**[Ant1]**

| 802.11a Mode | | Measured Bandwidth [MHz] | Limit [MHz] | Pass / Fail |
|---|---|---|---|---|
| Frequency [MHz] | Channel No. | | | |
| 5745 | 149 | 16.03 | > 0.5 | Pass |
| 5785 | 157 | 16.33 | > 0.5 | Pass |
| 5825 | 165 | 16.34 | > 0.5 | Pass |

| 802.11n(HT20) Mode | | Measured Bandwidth [MHz] | Limit [MHz] | Pass / Fail |
|---|---|---|---|---|
| Frequency [MHz] | Channel No. | | | |
| 5745 | 149 | 17.21 | > 0.5 | Pass |
| 5785 | 157 | 17.61 | > 0.5 | Pass |
| 5825 | 165 | 17.27 | > 0.5 | Pass |

| 802.11n(HT40) Mode | | Measured Bandwidth [MHz] | Limit [MHz] | Pass / Fail |
|---|---|---|---|---|
| Frequency [MHz] | Channel No. | | | |
| 5755 | 151 | 35.59 | > 0.5 | Pass |
| 5795 | 159 | 35.60 | > 0.5 | Pass |

| 802.11ac(VHT20) Mode | | Measured Bandwidth [MHz] | Limit [MHz] | Pass / Fail |
|---|---|---|---|---|
| Frequency [MHz] | Channel No. | | | |
| 5745 | 149 | 17.16 | > 0.5 | Pass |
| 5785 | 157 | 16.62 | > 0.5 | Pass |
| 5825 | 165 | 16.95 | > 0.5 | Pass |

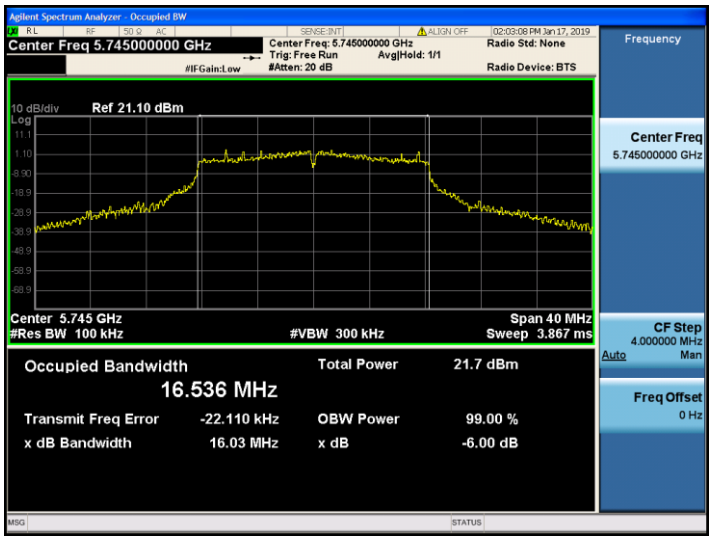
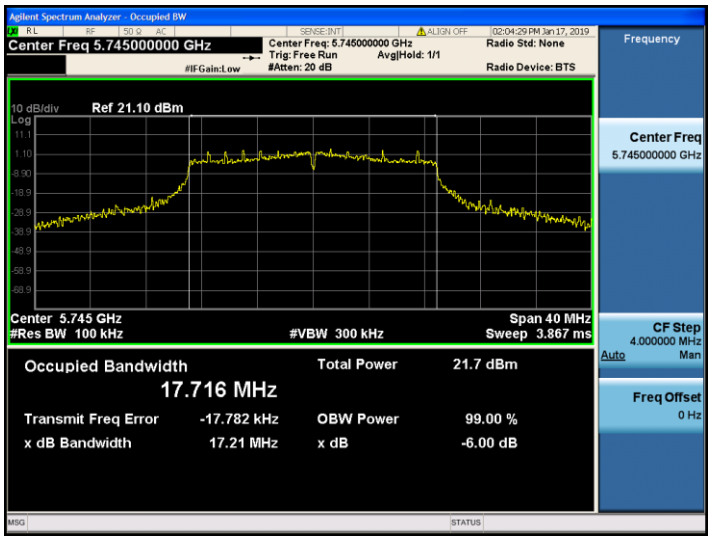
| 802.11ac(VHT40) Mode | | Measured Bandwidth [MHz] | Limit [MHz] | Pass / Fail |
|---|---|---|---|---|
| Frequency [MHz] | Channel No. | | | |
| 5755 | 151 | 35.61 | > 0.5 | Pass |
| 5795 | 159 | 35.54 | > 0.5 | Pass |

| 802.11ac(VHT80) Mode | | Measured Bandwidth [MHz] | Limit [MHz] | Pass / Fail |
|---|---|---|---|---|
| Frequency [MHz] | Channel No. | | | |
| 5775 | 155 | 75.50 | > 0.5 | Pass |

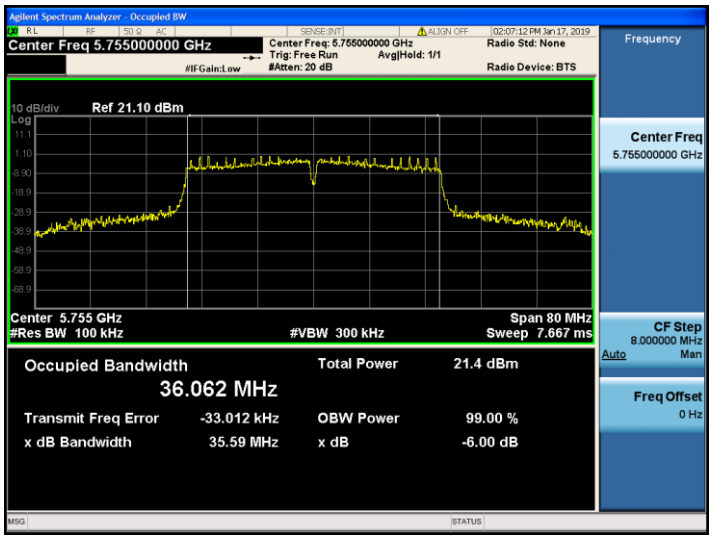
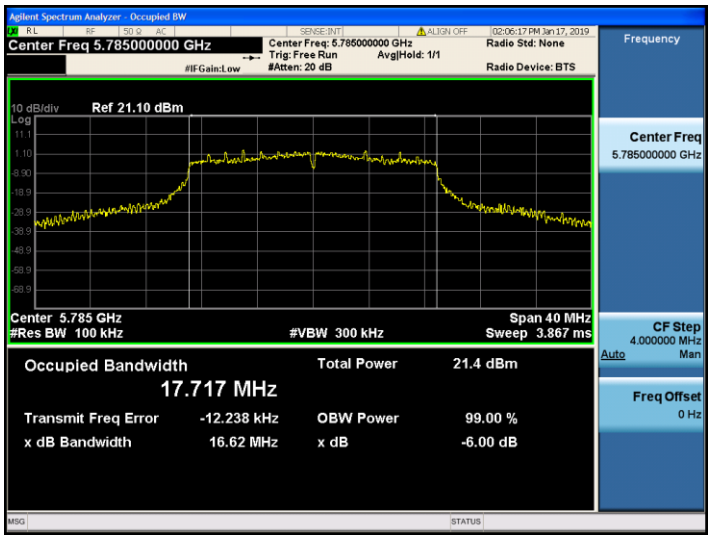
## ▣ Test Plots

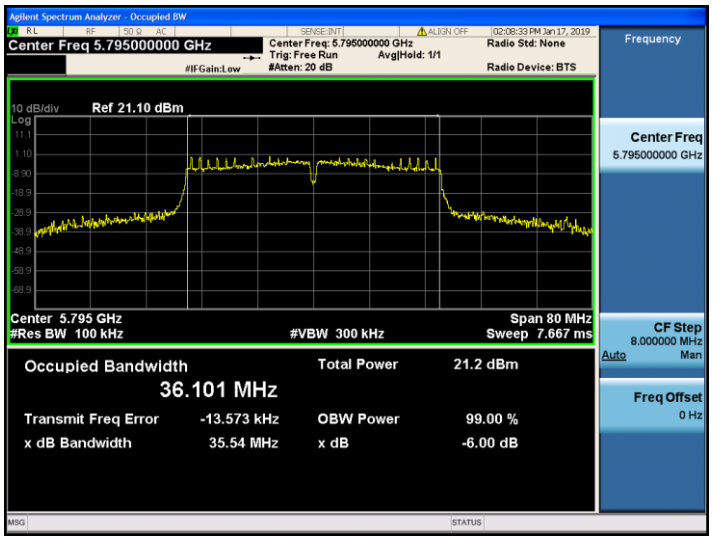
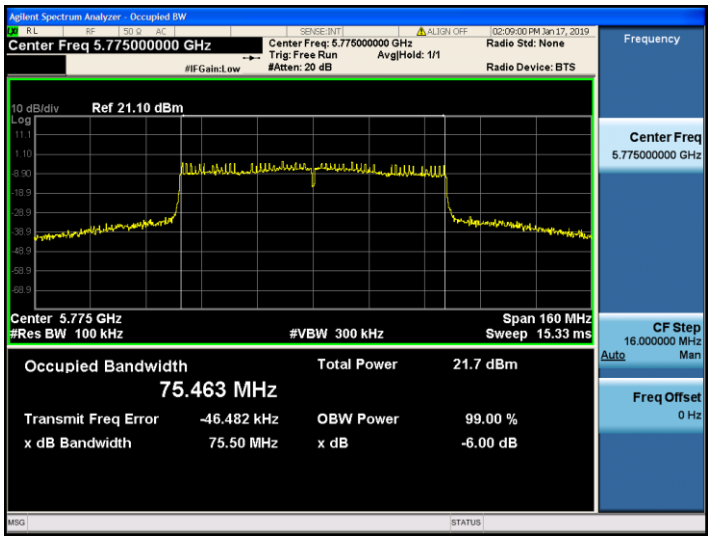
**Note:**

In order to simplify the report, attached plots were only the most narrow channel.

| 802.11a (CH.149) | 802.11n(HT20) (CH.149) |
|---|---|
|  |  |



| 802.11n(HT40) (CH.151) | 802.11ac(VHT20) (CH.157) |
|---|---|
|  |  |

| 802.11ac(VHT40) (CH.159) | 802.11ac(VHT80) (CH.155) |
|---|---|
|  |  |

**[Ant2]**

| 802.11a Mode | | Measured Bandwidth [MHz] | Limit [MHz] | Pass / Fail |
|---|---|---|---|---|
| Frequency [MHz] | Channel No. | | | |
| 5745 | 149 | 16.35 | > 0.5 | Pass |
| 5785 | 157 | 16.35 | > 0.5 | Pass |
| 5825 | 165 | 16.37 | > 0.5 | Pass |

| 802.11n(HT20) Mode | | Measured Bandwidth [MHz] | Limit [MHz] | Pass / Fail |
|---|---|---|---|---|
| Frequency [MHz] | Channel No. | | | |
| 5745 | 149 | 17.56 | > 0.5 | Pass |
| 5785 | 157 | 17.61 | > 0.5 | Pass |
| 5825 | 165 | 17.58 | > 0.5 | Pass |

| 802.11n(HT40) Mode | | Measured Bandwidth [MHz] | Limit [MHz] | Pass / Fail |
|---|---|---|---|---|
| Frequency [MHz] | Channel No. | | | |
| 5755 | 151 | 35.73 | > 0.5 | Pass |
| 5795 | 159 | 35.76 | > 0.5 | Pass |

| 802.11ac(VHT20) Mode | | Measured Bandwidth [MHz] | Limit [MHz] | Pass / Fail |
|---|---|---|---|---|
| Frequency [MHz] | Channel No. | | | |
| 5745 | 149 | 17.59 | > 0.5 | Pass |
| 5785 | 157 | 17.60 | > 0.5 | Pass |
| 5825 | 165 | 17.60 | > 0.5 | Pass |

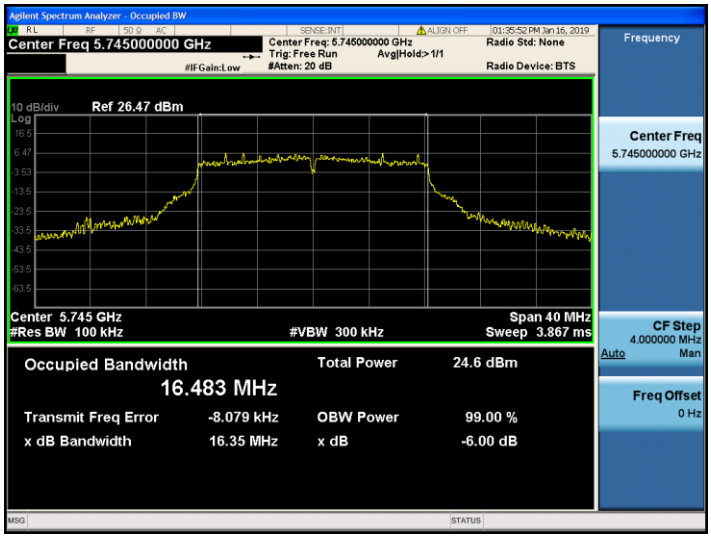
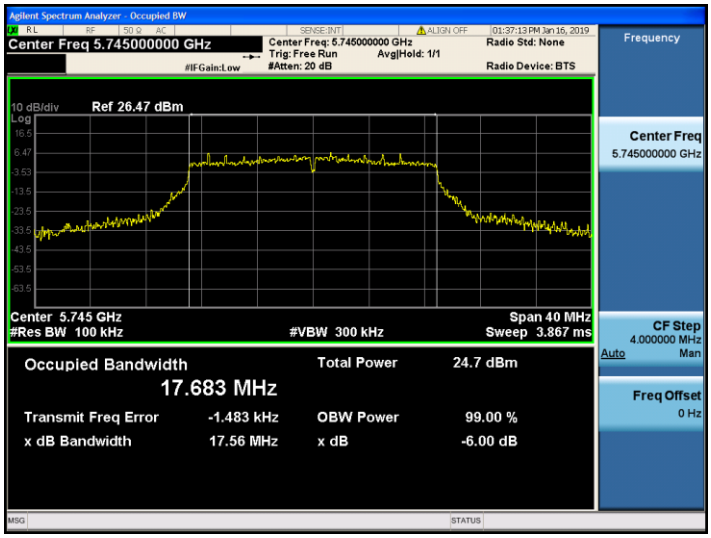
| 802.11ac(VHT40) Mode | | Measured Bandwidth [MHz] | Limit [MHz] | Pass / Fail |
|---|---|---|---|---|
| Frequency [MHz] | Channel No. | | | |
| 5755 | 151 | 35.52 | > 0.5 | Pass |
| 5795 | 159 | 35.47 | > 0.5 | Pass |

| 802.11ac(VHT80) Mode | | Measured Bandwidth [MHz] | Limit [MHz] | Pass / Fail |
|---|---|---|---|---|
| Frequency [MHz] | Channel No. | | | |
| 5775 | 155 | 75.71 | > 0.5 | Pass |

## ▣ Test Plots

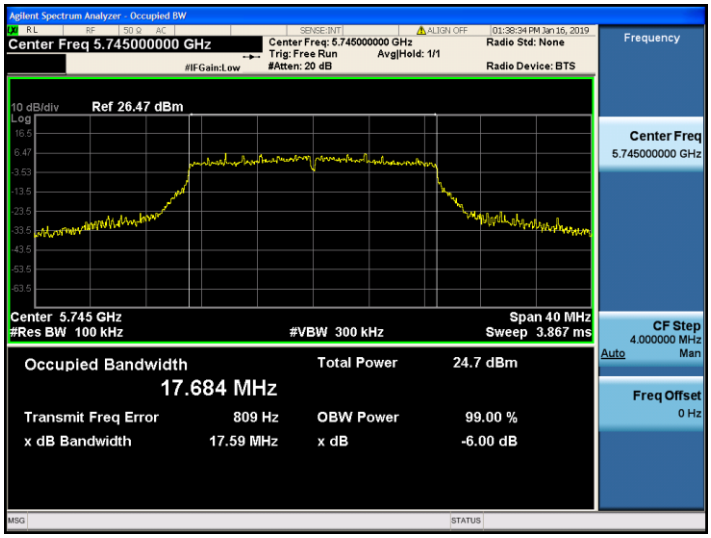
**Note:**

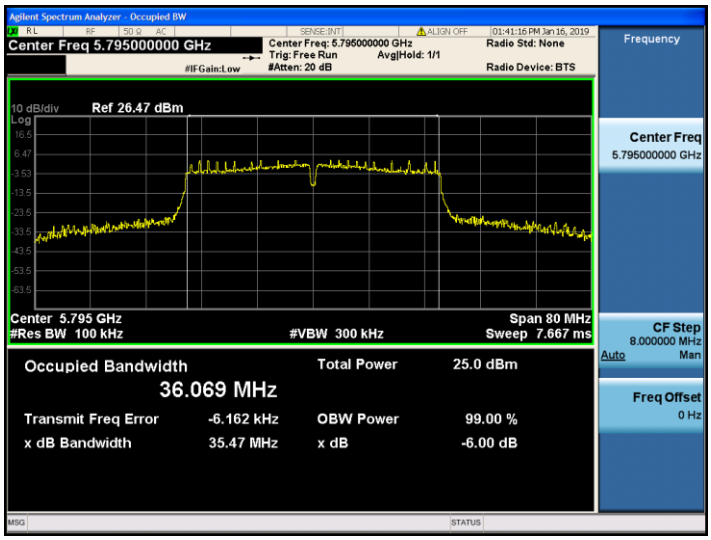
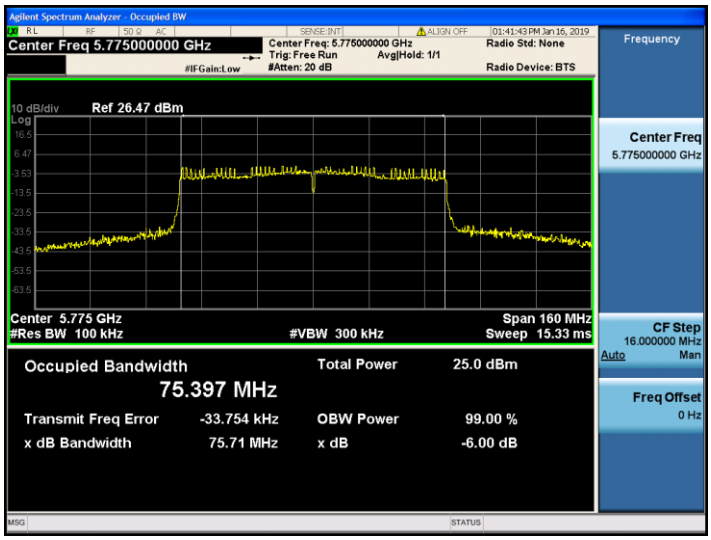
In order to simplify the report, attached plots were only the most narrow channel.

| 802.11a (CH.149) | 802.11n(HT20) (CH.149) |
|---|---|
|  |  |





| 802.11n(HT40) (CH.151) | 802.11ac(VHT20) (CH.149) |
|---|---|
|  |  |

| 802.11ac(VHT40) (CH.159) | 802.11ac(VHT80) (CH.155) |
|---|---|
|  |  |

## 10.4 OUTPUT POWER MEASUREMENT

### 10.4.1 Maximum Conducted Output Power

**[Ant1]**

| 802.11a Mode | | Measured Power [dBm] | Duty Cycle Factor (dB) | Total Power [dBm] | Limit (dBm) |
|---|---|---|---|---|---|
| Frequency [MHz] | Channel No. | | | | |
| 5180 | 36 | 9.58 | 0.553 | 10.14 | 23.98 |
| 5200 | 40 | 9.57 | 0.553 | 10.13 | 23.98 |
| 5240 | 48 | 9.53 | 0.553 | 10.08 | 23.98 |
| 5260 | 52 | 9.43 | 0.553 | 9.98 | 23.98 |
| 5280 | 56 | 9.42 | 0.553 | 9.97 | 23.98 |
| 5320 | 64 | 9.41 | 0.553 | 9.96 | 23.98 |
| 5500 | 100 | 10.65 | 0.553 | 11.21 | 23.98 |
| 5600 | 120 | 14.47 | 0.553 | 15.02 | 23.98 |
| 5720 | 144 | 14.73 | 0.553 | 15.28 | 23.98 |
| 5745 | 149 | 14.40 | 0.553 | 14.96 | 30.00 |
| 5785 | 157 | 14.24 | 0.553 | 14.80 | 30.00 |
| 5825 | 165 | 14.21 | 0.553 | 14.76 | 30.00 |

| 802.11n(20MHz) Mode | | Measured Power [dBm] | Duty Cycle Factor (dB) | Total Power [dBm] | Limit (dBm) |
|---|---|---|---|---|---|
| Frequency [MHz] | Channel No. | | | | |
| 5180 | 36 | 9.32 | 0.817 | 10.13 | 23.98 |
| 5200 | 40 | 9.14 | 0.817 | 9.96 | 23.98 |
| 5240 | 48 | 9.30 | 0.817 | 10.11 | 23.98 |
| 5260 | 52 | 9.13 | 0.817 | 9.95 | 23.98 |
| 5280 | 56 | 9.11 | 0.817 | 9.93 | 23.98 |
| 5320 | 64 | 8.86 | 0.817 | 9.68 | 23.98 |
| 5500 | 100 | 10.27 | 0.817 | 11.09 | 23.98 |
| 5600 | 120 | 14.10 | 0.817 | 14.92 | 23.98 |
| 5720 | 144 | 14.36 | 0.817 | 15.18 | 23.98 |
| 5745 | 149 | 14.03 | 0.817 | 14.85 | 30.00 |
| 5785 | 157 | 13.99 | 0.817 | 14.81 | 30.00 |
| 5825 | 165 | 13.96 | 0.817 | 14.78 | 30.00 |

| 802.11n(40MHz) Mode | | Measured Power [dBm] | Duty Cycle Factor (dB) | Total Power [dBm] | Limit (dBm) |
|---|---|---|---|---|---|
| Frequency [MHz] | Channel No. | | | | |
| 5190 | 38 | 8.73 | 1.066 | 9.79 | 23.98 |
| 5230 | 46 | 8.59 | 1.066 | 9.66 | 23.98 |
| 5270 | 54 | 9.18 | 1.066 | 10.25 | 23.98 |
| 5310 | 62 | 9.14 | 1.066 | 10.21 | 23.98 |
| 5510 | 102 | 9.49 | 1.066 | 10.55 | 23.98 |
| 5590 | 118 | 13.48 | 1.066 | 14.54 | 23.98 |
| 5710 | 142 | 13.90 | 1.066 | 14.96 | 23.98 |
| 5755 | 151 | 13.45 | 1.066 | 14.52 | 30.00 |
| 5795 | 159 | 13.32 | 1.066 | 14.38 | 30.00 |

| 802.11ac(20MHz) Mode | | Measured Power [dBm] | Duty Cycle Factor (dB) | Total Power [dBm] | Limit (dBm) |
|---|---|---|---|---|---|
| Frequency [MHz] | Channel No. | | | | |
| 5180 | 36 | 9.30 | 0.818 | 10.11 | 23.98 |
| 5200 | 40 | 9.28 | 0.818 | 10.10 | 23.98 |
| 5240 | 48 | 9.29 | 0.818 | 10.11 | 23.98 |
| 5260 | 52 | 9.07 | 0.818 | 9.89 | 23.98 |
| 5280 | 56 | 9.06 | 0.818 | 9.88 | 23.98 |
| 5320 | 64 | 9.08 | 0.818 | 9.89 | 23.98 |
| 5500 | 100 | 10.28 | 0.818 | 11.10 | 23.98 |
| 5600 | 120 | 14.11 | 0.818 | 14.93 | 23.98 |
| 5720 | 144 | 14.28 | 0.818 | 15.10 | 23.98 |
| 5745 | 149 | 10.42 | 0.818 | 11.24 | 30.00 |
| 5785 | 157 | 14.13 | 0.818 | 14.94 | 30.00 |
| 5825 | 165 | 14.10 | 0.818 | 14.92 | 30.00 |

| 802.11ac(40MHz) Mode | | Measured Power [dBm] | Duty Cycle Factor (dB) | Total Power [dBm] | Limit (dBm) |
|---|---|---|---|---|---|
| Frequency [MHz] | Channel No. | | | | |
| 5190 | 38 | 7.15 | 2.662 | 9.82 | 23.98 |
| 5230 | 46 | 7.01 | 2.662 | 9.67 | 23.98 |
| 5270 | 54 | 7.51 | 2.662 | 10.18 | 23.98 |
| 5310 | 62 | 7.39 | 2.662 | 10.06 | 23.98 |
| 5510 | 102 | 7.87 | 2.662 | 10.54 | 23.98 |
| 5590 | 118 | 11.74 | 2.662 | 14.41 | 23.98 |
| 5710 | 142 | 11.95 | 2.662 | 14.62 | 23.98 |
| 5755 | 151 | 11.72 | 2.662 | 14.38 | 30.00 |
| 5795 | 159 | 11.67 | 2.662 | 14.33 | 30.00 |

| 802.11ac(80MHz) Mode | | Measured Power [dBm] | Duty Cycle Factor (dB) | Total Power [dBm] | Limit (dBm) |
|---|---|---|---|---|---|
| Frequency [MHz] | Channel No. | | | | |
| 5210 | 42 | 8.44 | 1.116 | 9.56 | 23.98 |
| 5290 | 58 | 8.92 | 1.116 | 10.04 | 23.98 |
| 5530 | 106 | 11.09 | 1.116 | 12.20 | 23.98 |
| 5690 | 138 | 13.14 | 1.116 | 14.26 | 23.98 |
| 5775 | 155 | 12.87 | 1.116 | 13.99 | 30.00 |

**[Ant2]**

| 802.11a Mode | | Measured Power [dBm] | Duty Cycle Factor (dB) | Total Power [dBm] | Limit (dBm) |
|---|---|---|---|---|---|
| Frequency [MHz] | Channel No. | | | | |
| 5180 | 36 | 15.08 | 0.553 | 15.63 | 23.98 |
| 5200 | 40 | 15.10 | 0.553 | 15.65 | 23.98 |
| 5240 | 48 | 14.74 | 0.553 | 15.29 | 23.98 |
| 5260 | 52 | 15.27 | 0.553 | 15.82 | 23.98 |
| 5280 | 56 | 15.22 | 0.553 | 15.77 | 23.98 |
| 5320 | 64 | 15.10 | 0.553 | 15.66 | 23.98 |
| 5500 | 100 | 17.40 | 0.553 | 17.95 | 23.98 |
| 5600 | 120 | 16.85 | 0.553 | 17.41 | 23.98 |
| 5720 | 144 | 17.45 | 0.553 | 18.00 | 23.98 |
| 5745 | 149 | 17.20 | 0.553 | 17.76 | 30.00 |
| 5785 | 157 | 17.44 | 0.553 | 18.00 | 30.00 |
| 5825 | 165 | 17.42 | 0.553 | 17.97 | 30.00 |

| 802.11n(20MHz) Mode | | Measured Power [dBm] | Duty Cycle Factor (dB) | Total Power [dBm] | Limit (dBm) |
|---|---|---|---|---|---|
| Frequency [MHz] | Channel No. | | | | |
| 5180 | 36 | 14.68 | 0.817 | 15.50 | 23.98 |
| 5200 | 40 | 14.83 | 0.817 | 15.65 | 23.98 |
| 5240 | 48 | 14.40 | 0.817 | 15.22 | 23.98 |
| 5260 | 52 | 15.00 | 0.817 | 15.81 | 23.98 |
| 5280 | 56 | 15.03 | 0.817 | 15.84 | 23.98 |
| 5320 | 64 | 14.78 | 0.817 | 15.59 | 23.98 |
| 5500 | 100 | 16.92 | 0.817 | 17.74 | 23.98 |
| 5600 | 120 | 16.45 | 0.817 | 17.27 | 23.98 |
| 5720 | 144 | 17.03 | 0.817 | 17.84 | 23.98 |
| 5745 | 149 | 16.98 | 0.817 | 17.79 | 30.00 |
| 5785 | 157 | 16.88 | 0.817 | 17.70 | 30.00 |
| 5825 | 165 | 17.06 | 0.817 | 17.88 | 30.00 |

| 802.11n(40MHz) Mode | | Measured Power [dBm] | Duty Cycle Factor (dB) | Total Power [dBm] | Limit (dBm) |
|---|---|---|---|---|---|
| Frequency [MHz] | Channel No. | | | | |
| 5190 | 38 | 13.93 | 1.440 | 15.37 | 23.98 |
| 5230 | 46 | 14.45 | 1.440 | 15.89 | 23.98 |
| 5270 | 54 | 14.47 | 1.440 | 15.91 | 23.98 |
| 5310 | 62 | 14.41 | 1.440 | 15.85 | 23.98 |
| 5510 | 102 | 13.79 | 1.440 | 15.23 | 23.98 |
| 5590 | 118 | 15.22 | 1.440 | 16.66 | 23.98 |
| 5710 | 142 | 15.70 | 1.440 | 17.14 | 23.98 |
| 5755 | 151 | 15.85 | 1.440 | 17.29 | 30.00 |
| 5795 | 159 | 16.03 | 1.440 | 17.47 | 30.00 |

| 802.11ac(20MHz) Mode | | Measured Power [dBm] | Duty Cycle Factor (dB) | Total Power [dBm] | Limit (dBm) |
|---|---|---|---|---|---|
| Frequency [MHz] | Channel No. | | | | |
| 5180 | 36 | 15.06 | 0.818 | 15.88 | 23.98 |
| 5200 | 40 | 15.05 | 0.818 | 15.87 | 23.98 |
| 5240 | 48 | 14.86 | 0.818 | 15.68 | 23.98 |
| 5260 | 52 | 15.04 | 0.818 | 15.86 | 23.98 |
| 5280 | 56 | 15.05 | 0.818 | 15.87 | 23.98 |
| 5320 | 64 | 15.06 | 0.818 | 15.88 | 23.98 |
| 5500 | 100 | 16.95 | 0.818 | 17.77 | 23.98 |
| 5600 | 120 | 16.58 | 0.818 | 17.40 | 23.98 |
| 5720 | 144 | 17.01 | 0.818 | 17.83 | 23.98 |
| 5745 | 149 | 16.99 | 0.818 | 17.81 | 30.00 |
| 5785 | 157 | 17.05 | 0.818 | 17.86 | 30.00 |
| 5825 | 165 | 17.05 | 0.818 | 17.87 | 30.00 |

| 802.11ac(40MHz) Mode | | Measured Power [dBm] | Duty Cycle Factor (dB) | Total Power [dBm] | Limit (dBm) |
|---|---|---|---|---|---|
| Frequency [MHz] | Channel No. | | | | |
| 5190 | 38 | 12.68 | 2.662 | 15.34 | 23.98 |
| 5230 | 46 | 13.19 | 2.662 | 15.85 | 23.98 |
| 5270 | 54 | 13.18 | 2.662 | 15.85 | 23.98 |
| 5310 | 62 | 12.50 | 2.662 | 15.16 | 23.98 |
| 5510 | 102 | 11.62 | 2.662 | 14.28 | 23.98 |
| 5590 | 118 | 14.01 | 2.662 | 16.68 | 23.98 |
| 5710 | 142 | 14.47 | 2.662 | 17.13 | 23.98 |
| 5755 | 151 | 14.69 | 2.662 | 17.35 | 30.00 |
| 5795 | 159 | 14.84 | 2.662 | 17.50 | 30.00 |

| 802.11ac(80MHz) Mode | | Measured Power [dBm] | Duty Cycle Factor (dB) | Total Power [dBm] | Limit (dBm) |
|---|---|---|---|---|---|
| Frequency [MHz] | Channel No. | | | | |
| 5210 | 42 | 14.79 | 1.116 | 15.90 | 23.98 |
| 5290 | 58 | 13.88 | 1.116 | 15.00 | 23.98 |
| 5530 | 106 | 12.89 | 1.116 | 14.01 | 23.98 |
| 5690 | 138 | 15.67 | 1.116 | 16.79 | 23.98 |
| 5775 | 155 | 15.80 | 1.116 | 16.92 | 30.00 |

**[MIMO]**

| 802.11n(20MHz) Mode | | Duty Cycle Factor (dB) | Total Power [dBm] | | | Limit (dBm) |
|---|---|---|---|---|---|---|
| Frequency [MHz] | Channel No. | | SISO (Ant 1) | SISO (Ant 2) | MIMO (Ant 1+2) | |
| 5180 | 36 | 1.390 | 4.60 | 7.08 | 10.42 | 23.98 |
| 5200 | 40 | 1.390 | 4.62 | 7.07 | 10.42 | 23.98 |
| 5240 | 48 | 1.390 | 4.95 | 7.49 | 10.81 | 23.98 |
| 5260 | 52 | 1.390 | 4.95 | 7.50 | 10.81 | 23.98 |
| 5280 | 56 | 1.390 | 4.96 | 7.44 | 10.77 | 23.98 |
| 5320 | 64 | 1.390 | 4.55 | 7.39 | 10.60 | 23.98 |
| 5500 | 100 | 1.390 | 9.76 | 12.90 | 16.01 | 23.98 |
| 5580 | 116 | 1.390 | 13.68 | 16.32 | 19.60 | 23.98 |
| 5720 | 144 | 1.390 | 13.90 | 16.55 | 19.82 | 23.98 |
| 5745 | 149 | 1.390 | 13.52 | 16.54 | 19.69 | 30.00 |
| 5785 | 157 | 1.390 | 13.52 | 16.87 | 19.91 | 30.00 |
| 5825 | 165 | 1.390 | 13.53 | 16.78 | 19.86 | 30.00 |

| 802.11n(40MHz) Mode | | Duty Cycle Factor (dB) | Total Power [dBm] | | | Limit (dBm) |
|---|---|---|---|---|---|---|
| Frequency [MHz] | Channel No. | | SISO (Ant 1) | SISO (Ant 2) | MIMO (Ant 1+2) | |
| 5190 | 38 | 1.053 | 4.35 | 6.57 | 9.66 | 23.98 |
| 5230 | 46 | 1.053 | 4.50 | 7.02 | 10.00 | 23.98 |
| 5270 | 54 | 1.053 | 4.44 | 7.57 | 10.34 | 23.98 |
| 5310 | 62 | 1.053 | 4.10 | 7.40 | 10.12 | 23.98 |
| 5510 | 102 | 1.053 | 9.42 | 12.56 | 15.33 | 23.98 |
| 5550 | 110 | 1.053 | 13.36 | 16.21 | 19.07 | 23.98 |
| 5710 | 142 | 1.053 | 13.70 | 16.52 | 19.40 | 23.98 |
| 5755 | 151 | 1.053 | 13.30 | 16.73 | 19.41 | 30.00 |
| 5795 | 159 | 1.053 | 13.43 | 17.24 | 19.80 | 30.00 |

| 802.11ac(20MHz) Mode | | Duty Cycle Factor (dB) | Total Power [dBm] | | | Limit (dBm) |
|---|---|---|---|---|---|---|
| Frequency [MHz] | Channel No. | | SISO (Ant 1) | SISO (Ant 2) | MIMO (Ant 1+2) | |
| 5180 | 36 | 0.579 | 5.54 | 7.59 | 10.28 | 23.98 |
| 5200 | 40 | 0.579 | 5.56 | 7.66 | 10.33 | 23.98 |
| 5240 | 48 | 0.579 | 5.87 | 8.05 | 10.69 | 23.98 |
| 5260 | 52 | 0.579 | 5.88 | 8.17 | 10.76 | 23.98 |
| 5280 | 56 | 0.579 | 5.81 | 8.17 | 10.74 | 23.98 |
| 5320 | 64 | 0.579 | 5.58 | 8.04 | 10.57 | 23.98 |
| 5500 | 100 | 0.579 | 10.65 | 13.72 | 16.04 | 23.98 |
| 5580 | 116 | 0.579 | 14.45 | 17.06 | 19.54 | 23.98 |
| 5720 | 144 | 0.579 | 14.65 | 17.37 | 19.81 | 23.98 |
| 5745 | 149 | 0.579 | 14.22 | 17.34 | 19.64 | 30.00 |
| 5785 | 157 | 0.579 | 14.47 | 17.72 | 19.98 | 30.00 |
| 5825 | 165 | 0.579 | 14.29 | 17.52 | 19.79 | 30.00 |

| 802.11ac(40MHz) Mode | | Duty Cycle Factor (dB) | Total Power [dBm] | | | Limit (dBm) |
|---|---|---|---|---|---|---|
| Frequency [MHz] | Channel No. | | SISO (Ant 1) | SISO (Ant 2) | MIMO (Ant 1+2) | |
| 5190 | 38 | 1.047 | 4.36 | 6.54 | 9.64 | 23.98 |
| 5230 | 46 | 1.047 | 4.48 | 7.29 | 10.17 | 23.98 |
| 5270 | 54 | 1.047 | 4.40 | 7.76 | 10.46 | 23.98 |
| 5310 | 62 | 1.047 | 4.10 | 7.54 | 10.21 | 23.98 |
| 5510 | 102 | 1.047 | 9.44 | 12.66 | 15.40 | 23.98 |
| 5550 | 110 | 1.047 | 13.33 | 16.25 | 19.09 | 23.98 |
| 5710 | 142 | 1.047 | 13.67 | 16.56 | 19.41 | 23.98 |
| 5755 | 151 | 1.047 | 13.25 | 16.80 | 19.43 | 30.00 |
| 5795 | 159 | 1.047 | 13.43 | 17.11 | 19.71 | 30.00 |

| 802.11ac(80MHz) Mode | | Duty Cycle Factor (dB) | Total Power [dBm] | | | Limit (dBm) |
|---|---|---|---|---|---|---|
| Frequency [MHz] | Channel No. | | SISO (Ant 1) | SISO (Ant 2) | MIMO (Ant 1+2) | |
| 5210 | 42 | 1.779 | 3.71 | 5.94 | 9.76 | 23.98 |
| 5290 | 58 | 1.779 | 3.39 | 6.53 | 10.03 | 23.98 |
| 5530 | 106 | 1.779 | 9.58 | 12.61 | 16.14 | 23.98 |
| 5690 | 138 | 1.779 | 12.67 | 15.30 | 18.97 | 23.98 |
| 5775 | 155 | 1.779 | 12.31 | 15.46 | 18.96 | 30.00 |

## 10.4.2 Maximum E.I.R.P (Only IC)

**[Ant1]**

| 802.11a Mode | | Conducted Output Power [dBm] | Peak Ant Gain (dBi) | E.I.R.P [dBm] | Limit (dBm) |
|---|---|---|---|---|---|
| Frequency [MHz] | Channel No. | | | | |
| 5180 | 36 | 10.14 | 3.88 | 14.02 | 14.77 |
| 5200 | 40 | 10.13 | 3.88 | 14.01 | 14.77 |
| 5240 | 48 | 10.08 | 3.88 | 13.96 | 14.77 |
| 5260 | 52 | 9.98 | 3.88 | 13.86 | 14.77 |
| 5280 | 56 | 9.97 | 3.88 | 13.85 | 14.77 |
| 5320 | 64 | 9.96 | 3.88 | 13.84 | 14.77 |

| 802.11n(20MHz) Mode | | Conducted Output Power [dBm] | Peak Ant Gain (dBi) | E.I.R.P [dBm] | Limit (dBm) |
|---|---|---|---|---|---|
| Frequency [MHz] | Channel No. | | | | |
| 5180 | 36 | 10.13 | 3.88 | 14.01 | 14.77 |
| 5200 | 40 | 9.96 | 3.88 | 13.84 | 14.77 |
| 5240 | 48 | 10.11 | 3.88 | 13.99 | 14.77 |
| 5260 | 52 | 9.95 | 3.88 | 13.83 | 14.77 |
| 5280 | 56 | 9.93 | 3.88 | 13.81 | 14.77 |
| 5320 | 64 | 9.68 | 3.88 | 13.56 | 14.77 |

| 802.11n(40MHz) Mode | | Conducted Output Power [dBm] | Peak Ant Gain (dBi) | E.I.R.P [dBm] | Limit (dBm) |
|---|---|---|---|---|---|
| Frequency [MHz] | Channel No. | | | | |
| 5190 | 38 | 9.79 | 3.88 | 13.67 | 14.77 |
| 5230 | 46 | 9.66 | 3.88 | 13.54 | 14.77 |
| 5270 | 54 | 10.25 | 3.88 | 14.13 | 14.77 |
| 5310 | 62 | 10.21 | 3.88 | 14.09 | 14.77 |

| 802.11ac(20MHz) Mode | | Conducted Output Power [dBm] | Peak Ant Gain (dBi) | E.I.R.P [dBm] | Limit (dBm) |
|---|---|---|---|---|---|
| Frequency [MHz] | Channel No. | | | | |
| 5180 | 36 | 10.11 | 3.88 | 13.99 | 14.77 |
| 5200 | 40 | 10.1 | 3.88 | 13.98 | 14.77 |
| 5240 | 48 | 10.11 | 3.88 | 13.99 | 14.77 |
| 5260 | 52 | 9.89 | 3.88 | 13.77 | 14.77 |
| 5280 | 56 | 9.88 | 3.88 | 13.76 | 14.77 |
| 5320 | 64 | 9.89 | 3.88 | 13.77 | 14.77 |

| 802.11ac(40MHz) Mode | | Conducted Output Power [dBm] | Peak Ant Gain (dBi) | E.I.R.P [dBm] | Limit (dBm) |
|---|---|---|---|---|---|
| Frequency [MHz] | Channel No. | | | | |
| 5190 | 38 | 9.82 | 3.88 | 13.70 | 14.77 |
| 5230 | 46 | 9.67 | 3.88 | 13.55 | 14.77 |
| 5270 | 54 | 10.18 | 3.88 | 14.06 | 14.77 |
| 5310 | 62 | 10.06 | 3.88 | 13.94 | 14.77 |

| 802.11ac(80MHz) Mode | | Conducted Output Power [dBm] | Peak Ant Gain (dBi) | E.I.R.P [dBm] | Limit (dBm) |
|---|---|---|---|---|---|
| Frequency [MHz] | Channel No. | | | | |
| 5210 | 42 | 9.56 | 3.88 | 13.44 | 14.77 |
| 5290 | 58 | 10.04 | 3.88 | 13.92 | 14.77 |

**[Ant2]**

| 802.11a Mode | | Conducted Output Power [dBm] | Peak Ant Gain (dBi) | E.I.R.P [dBm] | Limit (dBm) |
|---|---|---|---|---|---|
| Frequency [MHz] | Channel No. | | | | |
| 5180 | 36 | 15.63 | -1.20 | 14.43 | 14.77 |
| 5200 | 40 | 15.65 | -1.20 | 14.45 | 14.77 |
| 5240 | 48 | 15.29 | -1.20 | 14.09 | 14.77 |
| 5260 | 52 | 15.82 | -1.20 | 14.62 | 14.77 |
| 5280 | 56 | 15.77 | -1.20 | 14.57 | 14.77 |
| 5320 | 64 | 15.66 | -1.20 | 14.46 | 14.77 |

| 802.11n(20MHz) Mode | | Conducted Output Power [dBm] | Peak Ant Gain (dBi) | E.I.R.P [dBm] | Limit (dBm) |
|---|---|---|---|---|---|
| Frequency [MHz] | Channel No. | | | | |
| 5180 | 36 | 15.50 | -1.20 | 14.30 | 14.77 |
| 5200 | 40 | 15.65 | -1.20 | 14.45 | 14.77 |
| 5240 | 48 | 15.22 | -1.20 | 14.02 | 14.77 |
| 5260 | 52 | 15.81 | -1.20 | 14.61 | 14.77 |
| 5280 | 56 | 15.84 | -1.20 | 14.64 | 14.77 |
| 5320 | 64 | 15.59 | -1.20 | 14.39 | 14.77 |

| 802.11n(40MHz) Mode | | Conducted Output Power [dBm] | Peak Ant Gain (dBi) | E.I.R.P [dBm] | Limit (dBm) |
|---|---|---|---|---|---|
| Frequency [MHz] | Channel No. | | | | |
| 5190 | 38 | 15.37 | -1.20 | 14.17 | 14.77 |
| 5230 | 46 | 15.89 | -1.20 | 14.69 | 14.77 |
| 5270 | 54 | 15.91 | -1.20 | 14.71 | 14.77 |
| 5310 | 62 | 15.85 | -1.20 | 14.65 | 14.77 |

| 802.11ac(20MHz) Mode | | Conducted Output Power [dBm] | Peak Ant Gain (dBi) | E.I.R.P [dBm] | Limit (dBm) |
|---|---|---|---|---|---|
| Frequency [MHz] | Channel No. | | | | |
| 5180 | 36 | 15.88 | -1.20 | 14.68 | 14.77 |
| 5200 | 40 | 15.87 | -1.20 | 14.67 | 14.77 |
| 5240 | 48 | 15.68 | -1.20 | 14.48 | 14.77 |
| 5260 | 52 | 15.86 | -1.20 | 14.66 | 14.77 |
| 5280 | 56 | 15.87 | -1.20 | 14.67 | 14.77 |
| 5320 | 64 | 15.88 | -1.20 | 14.68 | 14.77 |

| 802.11ac(40MHz) Mode | | Conducted Output Power [dBm] | Peak Ant Gain (dBi) | E.I.R.P [dBm] | Limit (dBm) |
|---|---|---|---|---|---|
| Frequency [MHz] | Channel No. | | | | |
| 5190 | 38 | 15.34 | -1.20 | 14.14 | 14.77 |
| 5230 | 46 | 15.85 | -1.20 | 14.65 | 14.77 |
| 5270 | 54 | 15.85 | -1.20 | 14.65 | 14.77 |
| 5310 | 62 | 15.16 | -1.20 | 13.96 | 14.77 |

| 802.11ac(80MHz) Mode | | Conducted Output Power [dBm] | Peak Ant Gain (dBi) | E.I.R.P [dBm] | Limit (dBm) |
|---|---|---|---|---|---|
| Frequency [MHz] | Channel No. | | | | |
| 5210 | 42 | 15.90 | -1.20 | 14.70 | 14.77 |
| 5290 | 58 | 15.00 | -1.20 | 13.80 | 14.77 |

**[MIMO]**

| 802.11n(20MHz) Mode | | Conducted Output Power [dBm] | Peak Ant Gain (dBi) | E.I.R.P [dBm] | Limit (dBm) |
|---|---|---|---|---|---|
| Frequency [MHz] | Channel No. | | | | |
| 5180 | 36 | 10.42 | 3.88 | 14.30 | 14.77 |
| 5200 | 40 | 10.42 | 3.88 | 14.30 | 14.77 |
| 5240 | 48 | 10.81 | 3.88 | 14.69 | 14.77 |
| 5260 | 52 | 10.81 | 3.88 | 14.69 | 14.77 |
| 5280 | 56 | 10.77 | 3.88 | 14.65 | 14.77 |
| 5320 | 64 | 10.60 | 3.88 | 14.48 | 14.77 |

| 802.11n(40MHz) Mode | | Conducted Output Power [dBm] | Peak Ant Gain (dBi) | E.I.R.P [dBm] | Limit (dBm) |
|---|---|---|---|---|---|
| Frequency [MHz] | Channel No. | | | | |
| 5190 | 38 | 9.66 | 3.88 | 13.54 | 14.77 |
| 5230 | 46 | 10.00 | 3.88 | 13.88 | 14.77 |
| 5270 | 54 | 10.34 | 3.88 | 14.22 | 14.77 |
| 5310 | 62 | 10.12 | 3.88 | 14.00 | 14.77 |

| 802.11ac(20MHz) Mode | | Conducted Output Power [dBm] | Peak Ant Gain (dBi) | E.I.R.P [dBm] | Limit (dBm) |
|---|---|---|---|---|---|
| Frequency [MHz] | Channel No. | | | | |
| 5180 | 36 | 10.28 | 3.88 | 14.16 | 14.77 |
| 5200 | 40 | 10.33 | 3.88 | 14.21 | 14.77 |
| 5240 | 48 | 10.69 | 3.88 | 14.57 | 14.77 |
| 5260 | 52 | 10.76 | 3.88 | 14.64 | 14.77 |
| 5280 | 56 | 10.74 | 3.88 | 14.62 | 14.77 |
| 5320 | 64 | 10.57 | 3.88 | 14.45 | 14.77 |

| 802.11ac(40MHz) Mode | | Conducted Output Power [dBm] | Peak Ant Gain (dBi) | E.I.R.P [dBm] | Limit (dBm) |
|---|---|---|---|---|---|
| Frequency [MHz] | Channel No. | | | | |
| 5190 | 38 | 9.64 | 3.88 | 13.52 | 14.77 |
| 5230 | 46 | 10.17 | 3.88 | 14.05 | 14.77 |
| 5270 | 54 | 10.46 | 3.88 | 14.34 | 14.77 |
| 5310 | 62 | 10.21 | 3.88 | 14.09 | 14.77 |

| 802.11ac(80MHz) Mode | | Conducted Output Power [dBm] | Peak Ant Gain (dBi) | E.I.R.P [dBm] | Limit (dBm) |
|---|---|---|---|---|---|
| Frequency [MHz] | Channel No. | | | | |
| 5210 | 42 | 9.76 | 3.88 | 13.64 | 14.77 |
| 5290 | 58 | 10.03 | 3.88 | 13.91 | 14.77 |

## 10.5 POWER SPECTRAL DENSITY

**[ANT1]**

| 802.11a Mode | | Measured PSD [dBm] | Duty Cycle Factor (dB) | Total PSD [dBm] | Limit (dBm) |
|---|---|---|---|---|---|
| Frequency [MHz] | Channel No. | | | | |
| 5180 | 36 | -0.356 | 0.553 | 0.197 | 11 |
| 5200 | 40 | -0.232 | 0.553 | 0.321 | 11 |
| 5240 | 48 | -0.271 | 0.553 | 0.282 | 11 |
| 5260 | 52 | -0.128 | 0.553 | 0.425 | 11 |
| 5280 | 56 | -0.478 | 0.553 | 0.075 | 11 |
| 5320 | 64 | -0.518 | 0.553 | 0.035 | 11 |
| 5500 | 100 | 0.435 | 0.553 | 0.988 | 11 |
| 5600 | 116 | 4.640 | 0.553 | 5.193 | 11 |
| 5720 | 144 | 4.956 | 0.553 | 5.509 | 11 |
| 5745 | 149 | 1.753 | 0.553 | 2.306 | 30 |
| 5785 | 157 | 1.199 | 0.553 | 1.752 | 30 |
| 5825 | 165 | 1.411 | 0.553 | 1.964 | 30 |

| 802.11n(20MHz) Mode | | Measured PSD [dBm] | Duty Cycle Factor (dB) | Total PSD [dBm] | Limit (dBm) |
|---|---|---|---|---|---|
| Frequency [MHz] | Channel No. | | | | |
| 5180 | 36 | -0.394 | 0.817 | 0.423 | 11 |
| 5200 | 40 | -0.382 | 0.817 | 0.435 | 11 |
| 5240 | 48 | -0.697 | 0.817 | 0.120 | 11 |
| 5260 | 52 | -0.560 | 0.817 | 0.257 | 11 |
| 5280 | 56 | -1.032 | 0.817 | -0.215 | 11 |
| 5320 | 64 | -0.828 | 0.817 | -0.011 | 11 |
| 5500 | 100 | -0.202 | 0.817 | 0.615 | 11 |
| 5600 | 116 | 3.588 | 0.817 | 4.405 | 11 |
| 5720 | 144 | 4.851 | 0.817 | 5.668 | 11 |
| 5745 | 149 | 1.757 | 0.817 | 2.574 | 30 |
| 5785 | 157 | 1.252 | 0.817 | 2.069 | 30 |
| 5825 | 165 | 1.336 | 0.817 | 2.153 | 30 |

| 802.11n(40MHz) Mode | | Measured PSD [dBm] | Duty Cycle Factor (dB) | Total PSD [dBm] | Limit (dBm) |
|---|---|---|---|---|---|
| Frequency [MHz] | Channel No. | | | | |
| 5190 | 38 | -4.356 | 1.066 | -3.290 | 11 |
| 5230 | 46 | -4.332 | 1.066 | -3.266 | 11 |
| 5270 | 54 | -3.797 | 1.066 | -2.731 | 11 |
| 5310 | 62 | -3.881 | 1.066 | -2.815 | 11 |
| 5510 | 102 | -3.624 | 1.066 | -2.558 | 11 |
| 5590 | 110 | 0.304 | 1.066 | 1.370 | 11 |
| 5710 | 142 | 0.510 | 1.066 | 1.576 | 11 |
| 5755 | 151 | -2.565 | 1.066 | -1.499 | 30 |
| 5795 | 159 | -3.245 | 1.066 | -2.179 | 30 |

| 802.11ac(20MHz) Mode | | Measured PSD [dBm] | Duty Cycle Factor (dB) | Total PSD [dBm] | Limit (dBm) |
|---|---|---|---|---|---|
| Frequency [MHz] | Channel No. | | | | |
| 5180 | 36 | -0.871 | 0.818 | -0.053 | 11 |
| 5200 | 40 | -1.169 | 0.818 | -0.351 | 11 |
| 5240 | 48 | -0.838 | 0.818 | -0.020 | 11 |
| 5260 | 52 | -1.380 | 0.818 | -0.562 | 11 |
| 5280 | 56 | -1.117 | 0.818 | -0.299 | 11 |
| 5320 | 64 | -1.093 | 0.818 | -0.275 | 11 |
| 5500 | 100 | 0.109 | 0.818 | 0.927 | 11 |
| 5600 | 116 | 3.614 | 0.818 | 4.432 | 11 |
| 5720 | 144 | 4.229 | 0.818 | 5.047 | 11 |
| 5745 | 149 | 1.238 | 0.818 | 2.056 | 30 |
| 5785 | 157 | 0.780 | 0.818 | 1.598 | 30 |
| 5825 | 165 | 1.130 | 0.818 | 1.948 | 30 |

| 802.11ac(40MHz) Mode | | Measured PSD [dBm] | Duty Cycle Factor (dB) | Total PSD [dBm] | Limit (dBm) |
|---|---|---|---|---|---|
| Frequency [MHz] | Channel No. | | | | |
| 5190 | 38 | -5.760 | 2.662 | -3.098 | 11 |
| 5230 | 46 | -5.862 | 2.662 | -3.200 | 11 |
| 5270 | 54 | -4.968 | 2.662 | -2.306 | 11 |
| 5310 | 62 | -5.315 | 2.662 | -2.653 | 11 |
| 5510 | 102 | -5.106 | 2.662 | -2.444 | 11 |
| 5590 | 110 | -1.009 | 2.662 | 1.653 | 11 |
| 5710 | 142 | -1.201 | 2.662 | 1.461 | 11 |
| 5755 | 151 | -3.854 | 2.662 | -1.192 | 30 |
| 5795 | 159 | -3.697 | 2.662 | -1.035 | 30 |

| 802.11ac(80MHz) Mode | | Measured PSD [dBm] | Duty Cycle Factor (dB) | Total PSD [dBm] | Limit (dBm) |
|---|---|---|---|---|---|
| Frequency [MHz] | Channel No. | | | | |
| 5210 | 42 | -7.397 | 1.116 | -6.281 | 11 |
| 5290 | 58 | -7.181 | 1.116 | -6.065 | 11 |
| 5530 | 106 | -5.195 | 1.116 | -4.079 | 11 |
| 5690 | 138 | -3.614 | 1.116 | -2.498 | 11 |
| 5775 | 155 | -6.435 | 1.116 | -5.319 | 30 |

**[ANT2]**

| 802.11a Mode | | Measured PSD [dBm] | Duty Cycle Factor (dB) | Total PSD [dBm] | Limit (dBm) |
|---|---|---|---|---|---|
| Frequency [MHz] | Channel No. | | | | |
| 5180 | 36 | 5.753 | 0.553 | 6.306 | 11 |
| 5200 | 40 | 5.853 | 0.553 | 6.406 | 11 |
| 5240 | 48 | 5.182 | 0.553 | 5.735 | 11 |
| 5260 | 52 | 5.733 | 0.553 | 6.286 | 11 |
| 5280 | 56 | 6.050 | 0.553 | 6.603 | 11 |
| 5320 | 64 | 5.634 | 0.553 | 6.187 | 11 |
| 5500 | 100 | 7.613 | 0.553 | 8.166 | 11 |
| 5580 | 116 | 7.398 | 0.553 | 7.951 | 11 |
| 5720 | 144 | 7.552 | 0.553 | 8.105 | 11 |
| 5745 | 149 | 4.983 | 0.553 | 5.536 | 30 |
| 5785 | 157 | 4.749 | 0.553 | 5.302 | 30 |
| 5825 | 165 | 4.674 | 0.553 | 5.227 | 30 |

| 802.11n(20MHz) Mode | | Measured PSD [dBm] | Duty Cycle Factor (dB) | Total PSD [dBm] | Limit (dBm) |
|---|---|---|---|---|---|
| Frequency [MHz] | Channel No. | | | | |
| 5180 | 36 | 5.039 | 0.817 | 5.856 | 11 |
| 5200 | 40 | 5.157 | 0.817 | 5.974 | 11 |
| 5240 | 48 | 4.464 | 0.817 | 5.281 | 11 |
| 5260 | 52 | 5.486 | 0.817 | 6.303 | 11 |
| 5280 | 56 | 5.306 | 0.817 | 6.123 | 11 |
| 5320 | 64 | 5.215 | 0.817 | 6.032 | 11 |
| 5500 | 100 | 7.238 | 0.817 | 8.055 | 11 |
| 5580 | 116 | 6.428 | 0.817 | 7.245 | 11 |
| 5720 | 144 | 6.965 | 0.817 | 7.782 | 11 |
| 5745 | 149 | 2.184 | 0.817 | 3.001 | 30 |
| 5785 | 157 | 4.416 | 0.817 | 5.233 | 30 |
| 5825 | 165 | 4.586 | 0.817 | 5.403 | 30 |

| 802.11n(40MHz) Mode | | Measured PSD [dBm] | Duty Cycle Factor (dB) | Total PSD [dBm] | Limit (dBm) |
|---|---|---|---|---|---|
| Frequency [MHz] | Channel No. | | | | |
| 5190 | 38 | 0.824 | 1.440 | 2.264 | 11 |
| 5230 | 46 | 1.444 | 1.440 | 2.884 | 11 |
| 5270 | 54 | 2.264 | 1.440 | 3.704 | 11 |
| 5310 | 62 | 1.739 | 1.440 | 3.179 | 11 |
| 5510 | 102 | 1.133 | 1.440 | 2.573 | 11 |
| 5550 | 110 | 2.790 | 1.440 | 4.230 | 11 |
| 5710 | 142 | 3.015 | 1.440 | 4.455 | 11 |
| 5755 | 151 | 0.340 | 1.440 | 1.780 | 30 |
| 5795 | 159 | 0.773 | 1.440 | 2.213 | 30 |

| 802.11ac(20MHz) Mode | | Measured PSD [dBm] | Duty Cycle Factor (dB) | Total PSD [dBm] | Limit (dBm) |
|---|---|---|---|---|---|
| Frequency [MHz] | Channel No. | | | | |
| 5180 | 36 | 4.761 | 0.818 | 5.579 | 11 |
| 5200 | 40 | 4.934 | 0.818 | 5.752 | 11 |
| 5240 | 48 | 4.547 | 0.818 | 5.365 | 11 |
| 5260 | 52 | 5.134 | 0.818 | 5.952 | 11 |
| 5280 | 56 | 5.489 | 0.818 | 6.307 | 11 |
| 5320 | 64 | 5.161 | 0.818 | 5.979 | 11 |
| 5500 | 100 | 7.410 | 0.818 | 8.228 | 11 |
| 5580 | 116 | 6.757 | 0.818 | 7.575 | 11 |
| 5720 | 144 | 6.861 | 0.818 | 7.679 | 11 |
| 5745 | 149 | 3.826 | 0.818 | 4.644 | 30 |
| 5785 | 157 | 4.398 | 0.818 | 5.216 | 30 |
| 5825 | 165 | 4.140 | 0.818 | 4.958 | 30 |

| 802.11ac(40MHz) Mode | | Measured PSD [dBm] | Duty Cycle Factor (dB) | Total PSD [dBm] | Limit (dBm) |
|---|---|---|---|---|---|
| Frequency [MHz] | Channel No. | | | | |
| 5190 | 38 | -0.172 | 2.662 | 2.490 | 11 |
| 5230 | 46 | 0.358 | 2.662 | 3.020 | 11 |
| 5270 | 54 | 0.786 | 2.662 | 3.448 | 11 |
| 5310 | 62 | -0.102 | 2.662 | 2.560 | 11 |
| 5510 | 102 | -1.015 | 2.662 | 1.647 | 11 |
| 5550 | 110 | 1.194 | 2.662 | 3.856 | 11 |
| 5710 | 142 | 1.627 | 2.662 | 4.289 | 11 |
| 5755 | 151 | -0.931 | 2.662 | 1.731 | 30 |
| 5795 | 159 | -0.426 | 2.662 | 2.236 | 30 |

| 802.11ac(80MHz) Mode | | Measured PSD [dBm] | Duty Cycle Factor (dB) | Total PSD [dBm] | Limit (dBm) |
|---|---|---|---|---|---|
| Frequency [MHz] | Channel No. | | | | |
| 5210 | 42 | -0.761 | 1.116 | 0.355 | 11 |
| 5290 | 58 | -2.014 | 1.116 | -0.898 | 11 |
| 5530 | 106 | -3.282 | 1.116 | -2.166 | 11 |
| 5690 | 138 | -0.184 | 1.116 | 0.932 | 11 |
| 5775 | 155 | -3.455 | 1.116 | -2.339 | 30 |

**[MIMO]**

| 802.11n(HT20) | | Duty Cycle Factor (dB) | Total PSD [dBm] | | | Limit (dBm) |
|---|---|---|---|---|---|---|
| Frequency [MHz] | Channel No. | | SISO (Ant 1) | SISO (Ant 2) | MIMO (Ant 1+2) | |
| 5180 | 36 | 1.390 | -5.096 | -3.465 | 0.196 | 11.00 |
| 5200 | 40 | 1.390 | -5.692 | -2.776 | 0.406 | 11.00 |
| 5240 | 48 | 1.390 | -5.302 | -1.452 | 1.436 | 11.00 |
| 5260 | 52 | 1.390 | -5.594 | -1.815 | 1.094 | 11.00 |
| 5300 | 60 | 1.390 | -5.763 | -0.557 | 1.977 | 11.00 |
| 5320 | 64 | 1.390 | -5.692 | -2.409 | 0.653 | 11.00 |
| 5500 | 100 | 1.390 | -0.909 | 3.184 | 6.003 | 11.00 |
| 5600 | 120 | 1.390 | 3.431 | 6.587 | 9.690 | 11.00 |
| 5720 | 144 | 1.390 | 3.487 | 6.349 | 9.550 | 11.00 |
| 5745 | 149 | 1.390 | 0.230 | 4.068 | 6.960 | 30.00 |
| 5785 | 157 | 1.390 | 0.399 | 4.203 | 7.105 | 30.00 |
| 5825 | 165 | 1.390 | 0.227 | 3.947 | 6.874 | 30.00 |

| 802.11n(HT40) | | Duty Cycle Factor (dB) | Total PSD [dBm] | | | Limit (dBm) |
|---|---|---|---|---|---|---|
| Frequency [MHz] | Channel No. | | SISO (Ant 1) | SISO (Ant 2) | MIMO (Ant 1+2) | |
| 5190 | 38 | 1.053 | -8.920 | -6.731 | -3.626 | 11.00 |
| 5230 | 46 | 1.053 | -8.641 | -6.255 | -3.223 | 11.00 |
| 5270 | 54 | 1.053 | -9.111 | -5.984 | -3.209 | 11.00 |
| 5310 | 62 | 1.053 | -9.344 | -5.949 | -3.260 | 11.00 |
| 5510 | 102 | 1.053 | -3.497 | -0.941 | 2.029 | 11.00 |
| 5590 | 118 | 1.053 | 0.244 | 2.703 | 5.708 | 11.00 |
| 5710 | 142 | 1.053 | 0.006 | 2.642 | 5.584 | 11.00 |
| 5755 | 151 | 1.053 | -2.795 | 0.421 | 3.167 | 30.00 |
| 5795 | 159 | 1.053 | -2.422 | 0.428 | 3.296 | 30.00 |

| 802.11ac(VHT20) | | Duty Cycle Factor (dB) | Total PSD [dBm] | | | Limit (dBm) |
|---|---|---|---|---|---|---|
| Frequency [MHz] | Channel No. | | SISO (Ant 1) | SISO (Ant 2) | MIMO (Ant 1+2) | |
| 5180 | 36 | 0.579 | -4.881 | -2.127 | 0.300 | 11.00 |
| 5200 | 40 | 0.579 | -4.936 | -1.875 | 0.448 | 11.00 |
| 5240 | 48 | 0.579 | -4.841 | -1.580 | 0.678 | 11.00 |
| 5260 | 52 | 0.579 | -4.593 | -0.972 | 1.174 | 11.00 |
| 5300 | 60 | 0.579 | -4.647 | -0.765 | 1.303 | 11.00 |
| 5320 | 64 | 0.579 | -5.051 | -0.828 | 1.144 | 11.00 |
| 5500 | 100 | 0.579 | 0.344 | 3.887 | 6.056 | 11.00 |
| 5600 | 120 | 0.579 | 3.829 | 7.132 | 9.377 | 11.00 |
| 5720 | 144 | 0.579 | 4.001 | 7.030 | 9.364 | 11.00 |
| 5745 | 149 | 0.579 | 1.245 | 4.432 | 6.714 | 30.00 |
| 5785 | 157 | 0.579 | 1.220 | 5.073 | 7.150 | 30.00 |
| 5825 | 165 | 0.579 | 1.057 | 4.650 | 6.804 | 30.00 |

| 802.11ac(VHT40) | | Duty Cycle Factor (dB) | Total PSD [dBm] | | | Limit (dBm) |
|---|---|---|---|---|---|---|
| Frequency [MHz] | Channel No. | | SISO (Ant 1) | SISO (Ant 2) | MIMO (Ant 1+2) | |
| 5190 | 38 | 1.047 | -8.500 | -7.465 | -3.894 | 11.00 |
| 5230 | 46 | 1.047 | -8.901 | -6.340 | -3.377 | 11.00 |
| 5270 | 54 | 1.047 | -8.626 | -5.922 | -3.009 | 11.00 |
| 5310 | 62 | 1.047 | -9.202 | -5.818 | -3.131 | 11.00 |
| 5510 | 102 | 1.047 | -3.862 | -1.130 | 1.773 | 11.00 |
| 5590 | 118 | 1.047 | 0.181 | 2.507 | 5.556 | 11.00 |
| 5710 | 142 | 1.047 | 0.106 | 2.936 | 5.805 | 11.00 |
| 5755 | 151 | 1.047 | -3.055 | 0.182 | 2.916 | 30.00 |
| 5795 | 159 | 1.047 | -2.370 | 0.731 | 3.509 | 30.00 |

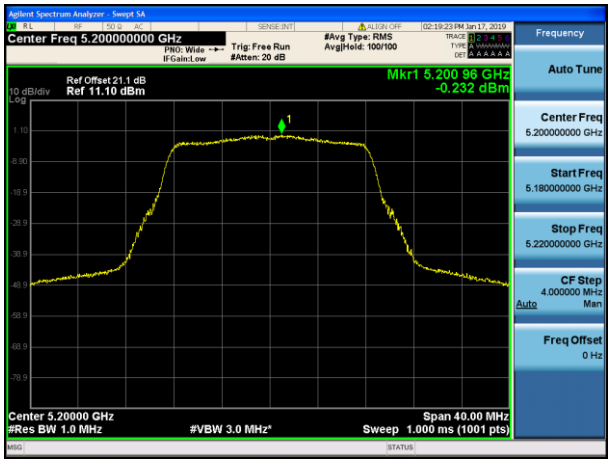
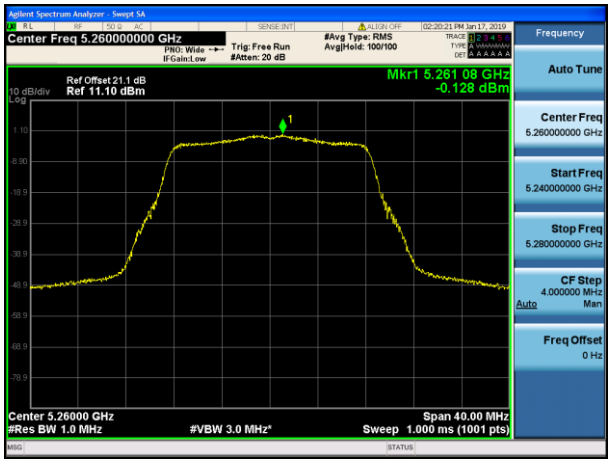
| 802.11ac(VHT80) | | Duty Cycle Factor (dB) | Total PSD [dBm] | | | Limit (dBm) |
|---|---|---|---|---|---|---|
| Frequency [MHz] | Channel No. | | SISO (Ant 1) | SISO (Ant 2) | MIMO (Ant 1+2) | |
| 5210 | 42 | 1.779 | -12.470 | -11.353 | -7.086 | 11.00 |
| 5290 | 58 | 1.779 | -13.284 | -10.010 | -6.556 | 11.00 |
| 5530 | 106 | 1.779 | -6.562 | -3.851 | -0.209 | 11.00 |
| 5690 | 138 | 1.779 | -3.744 | -1.693 | 2.191 | 11.00 |
| 5775 | 155 | 1.779 | -7.221 | -4.305 | -0.733 | 30.00 |

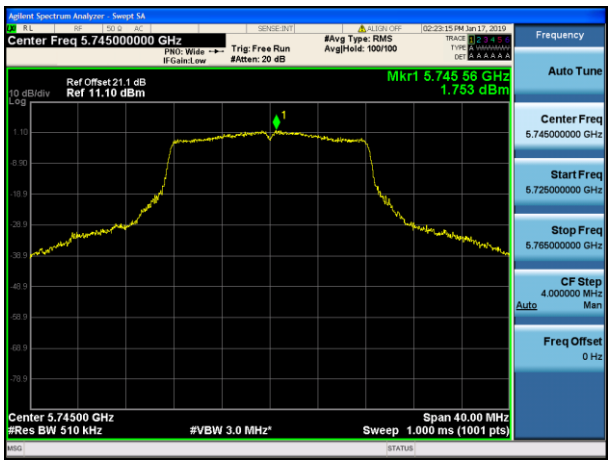
**[Ant1]**

**▣ Test Plots(802.11a)**

**Note:**

In order to simplify the report, attached plots were only channel of highest power.

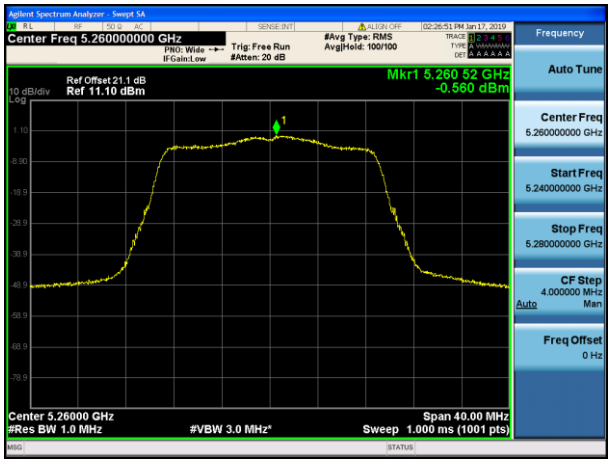
| UNII 1 (Ch. 40) | UNII 2A (Ch. 52) |
|---|---|
|  |  |

| UNII 2C (Ch. 144) | UNII 3 (Ch. 149) |
|---|---|
|  |  |

## ▣ Test Plots(802.11n(HT20))

**Note:**

In order to simplify the report, attached plots were only channel of highest power.

| UNII 1 (Ch. 40) | UNII 2A (Ch. 52) |
|---|---|
|  |  |



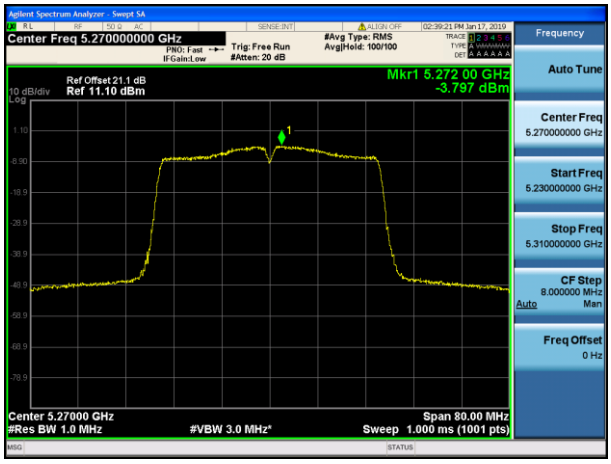


| UNII 2C (Ch. 144) | UNII 3 (Ch. 149) |
|---|---|
|  |  |

## ▣ Test Plots(802.11n(HT40))

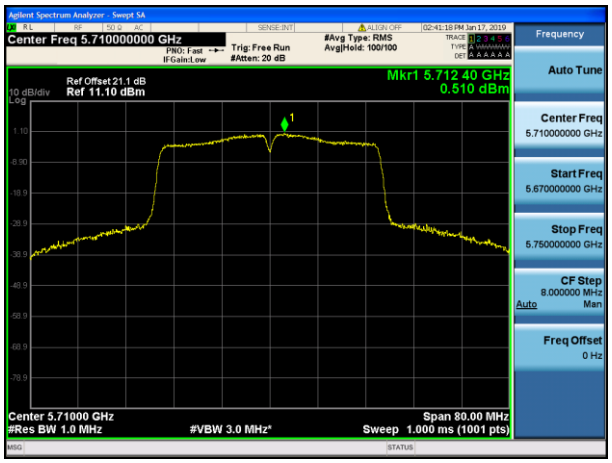
**Note:**

In order to simplify the report, attached plots were only channel of highest power.

| UNII 1 (Ch. 46) | UNII 2A (Ch. 54) |
|---|---|
|  |  |



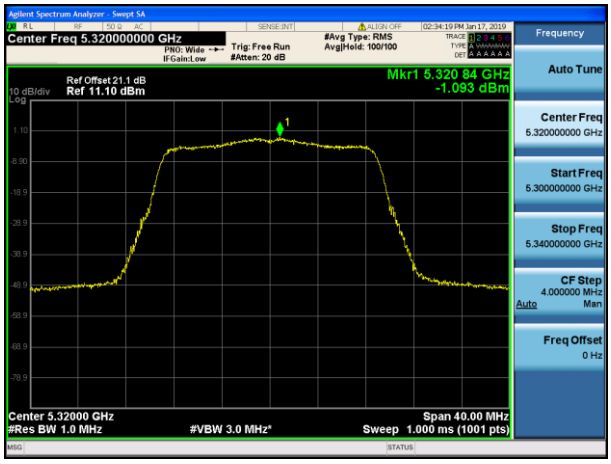


| UNII 2C (Ch. 142) | UNII 3 (Ch. 151) |
|---|---|
|  |  |

## ▣ Test Plots(802.11ac(VHT20))

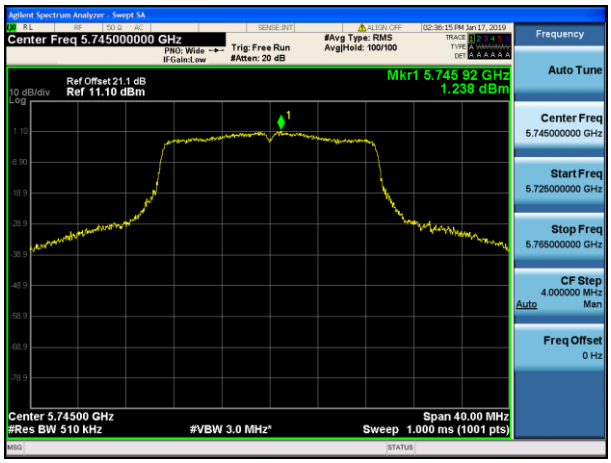
**Note:**

In order to simplify the report, attached plots were only channel of highest power.

| UNII 1 (Ch. 48) | UNII 2A (Ch. 64) |
|---|---|
|  |  |



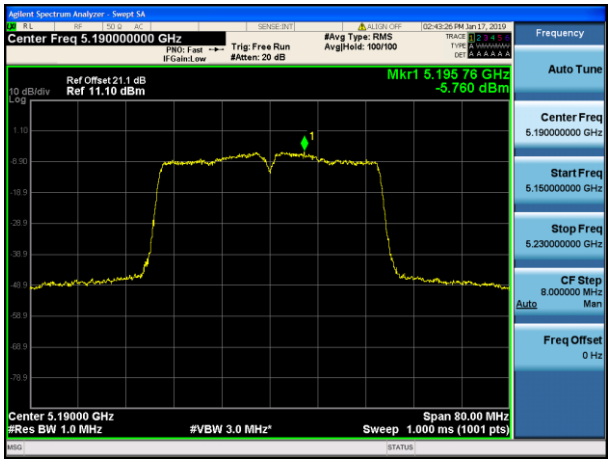
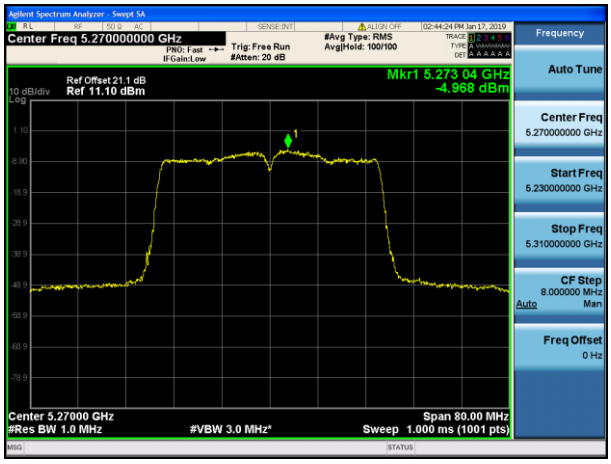


| UNII 2C (Ch. 144) | UNII 3 (Ch. 149) |
|---|---|
|  |  |

## ▣ Test Plots(802.11ac(VHT40))

**Note:**

In order to simplify the report, attached plots were only channel of highest power.

| UNII 1 (Ch. 38) | UNII 2A (Ch. 54) |
|---|---|
|  |  |



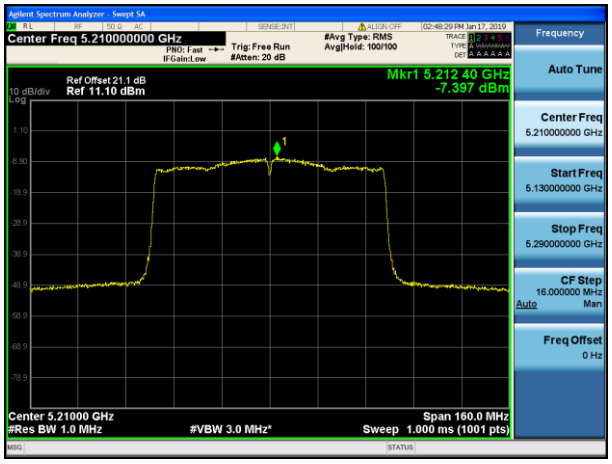
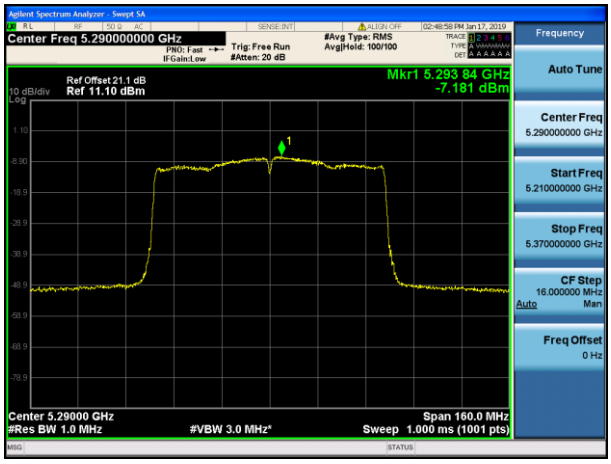


| UNII 2C (Ch. 110) | UNII 3 (Ch. 159) |
|---|---|
|  |  |

## ▣ Test Plots(802.11ac(VHT80))

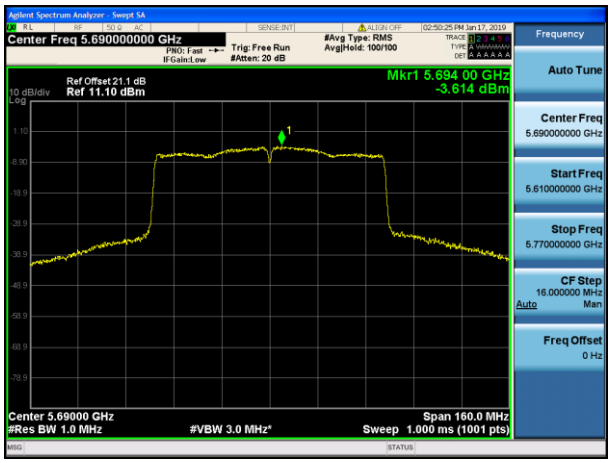
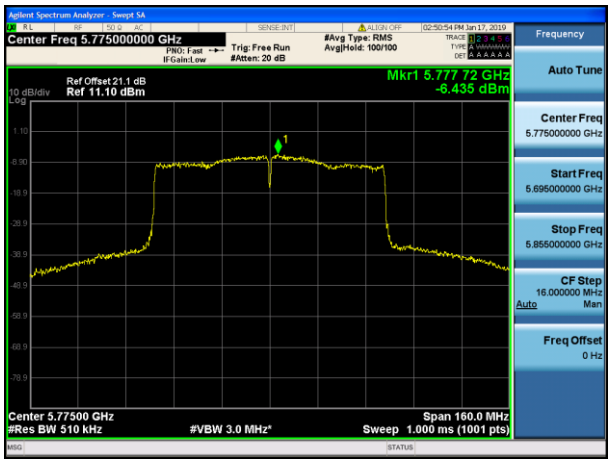
**Note:**

In order to simplify the report, attached plots were only channel of highest power.

| UNII 1 (Ch. 42) | UNII 2A (Ch. 58) |
|---|---|
|  |  |





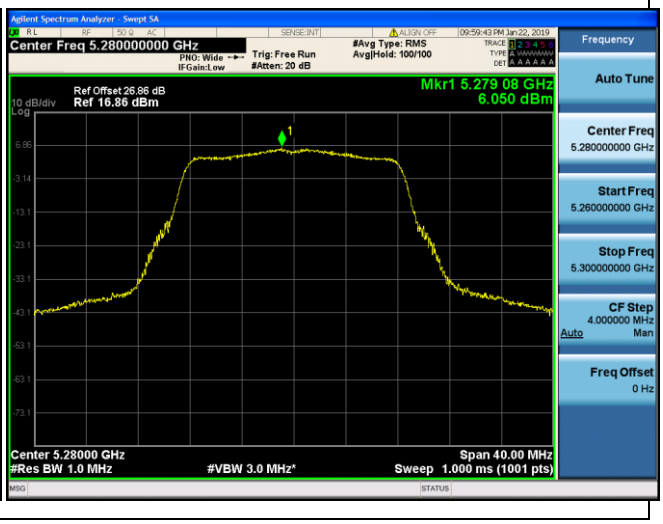
| UNII 2C (Ch. 138) | UNII 3 (Ch. 155) |
|---|---|
|  |  |

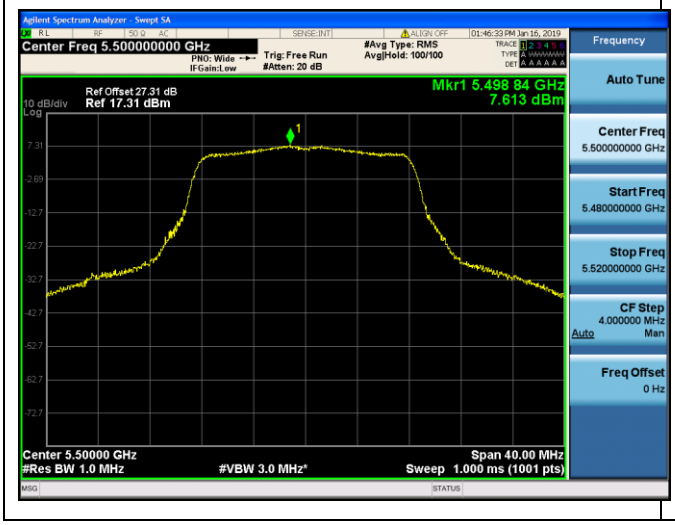
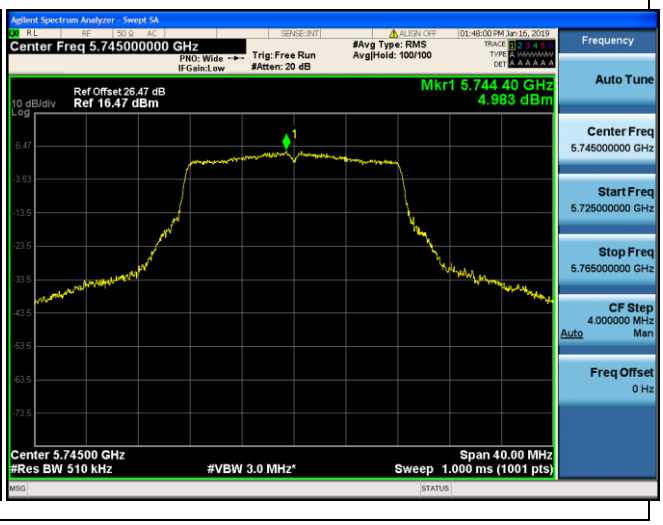
**[Ant2]**

**▣ Test Plots(802.11a)**

**Note:**

In order to simplify the report, attached plots were only channel of highest power.

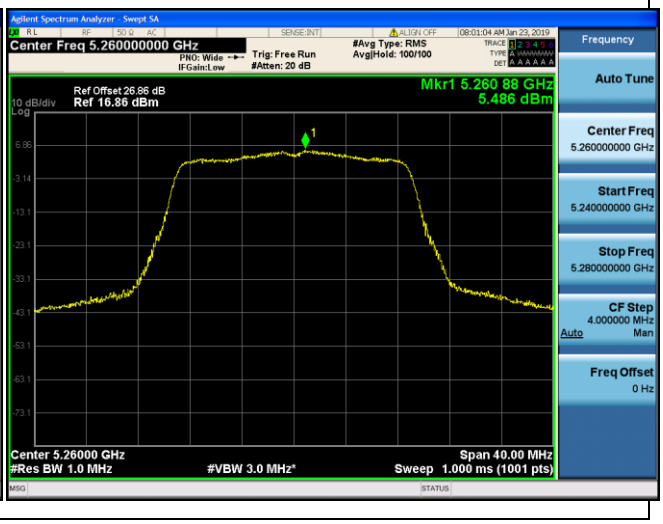
| UNII 1 (Ch. 40) | UNII 2A (Ch. 56) |
|---|---|
|  |  |

| UNII 2C (Ch. 100) | UNII 3 (Ch. 149) |
|---|---|
|  |  |

## ▣ Test Plots(802.11n(HT20))

**Note:**

In order to simplify the report, attached plots were only channel of highest power.

| UNII 1 (Ch. 40) | UNII 2A (Ch. 52) |
|---|---|
|  |  |



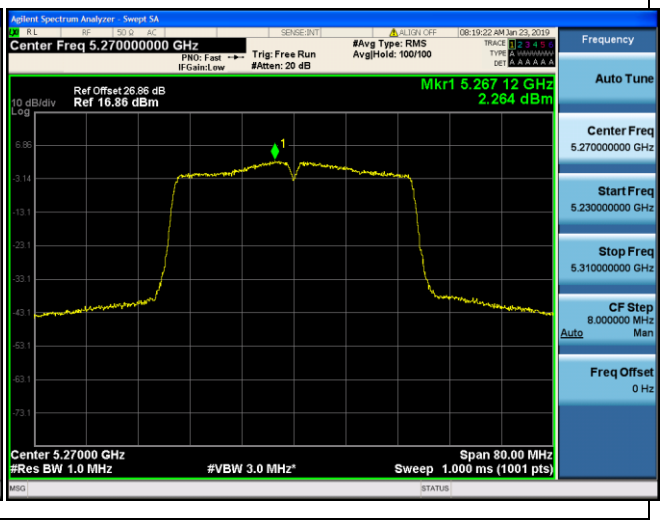


| UNII 2C (Ch. 100) | UNII 3 (Ch. 165) |
|---|---|
|  |  |

## ▣ Test Plots(802.11n(HT40))

**Note:**

In order to simplify the report, attached plots were only channel of highest power.

| UNII 1 (Ch. 46) | UNII 2A (Ch. 54) |
|---|---|
|  |  |





| UNII 2C (Ch. 142) | UNII 3 (Ch. 159) |
|---|---|
|  |  |