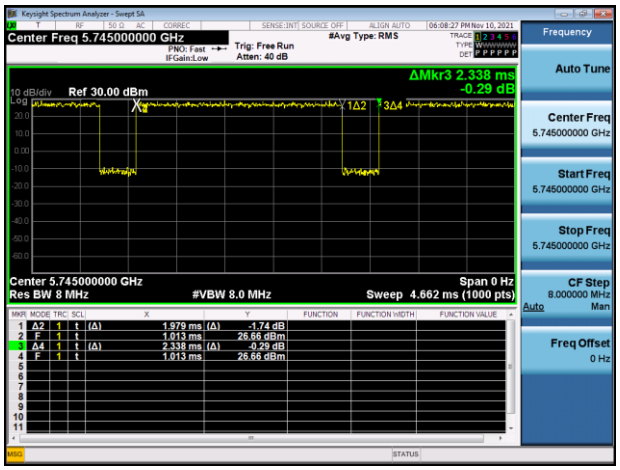
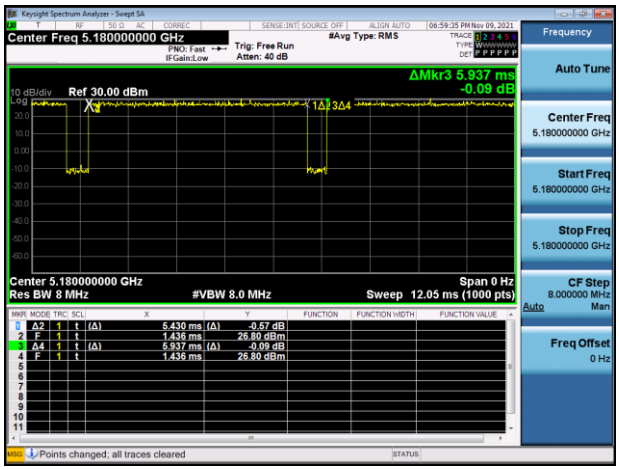
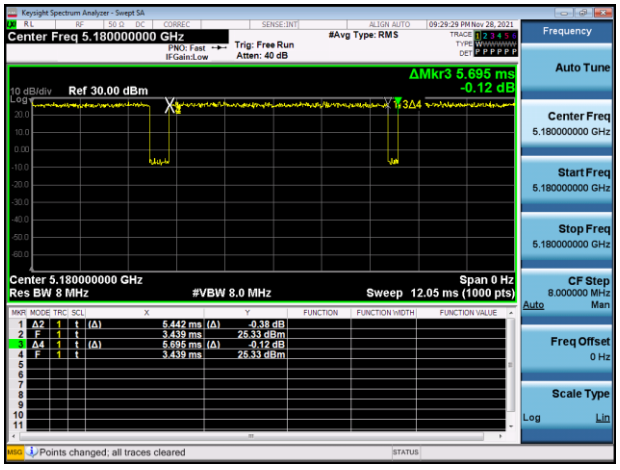
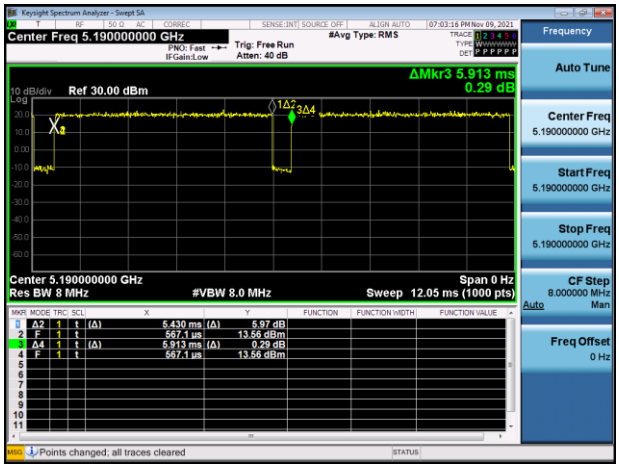
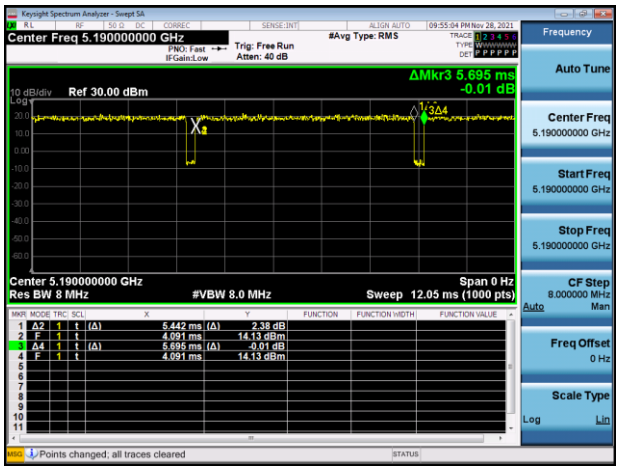
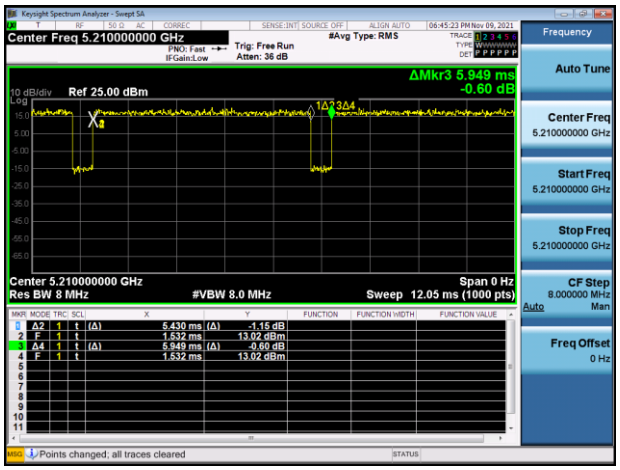
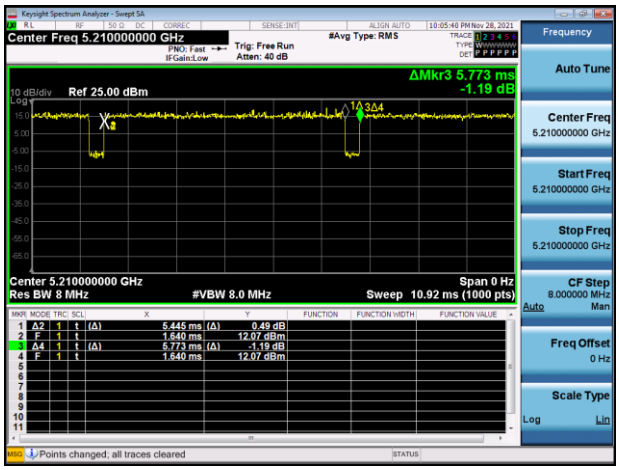
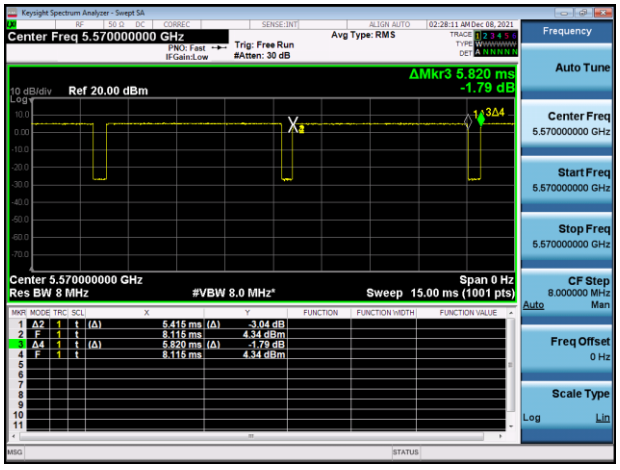
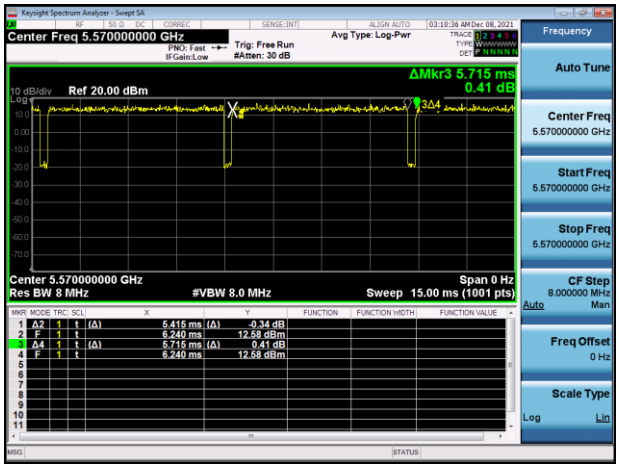
## ▣ TEST PLOTS

| 802.11a | 802.11n HT20 |
|---|---|
|  |  |
| **802.11ax HE20** | **802.11n HT40** |
|  |  |
| **802.11ax HE40** | |
|  | |

## ▣ TEST PLOTS (Continued)

| 802.11ac VHT80 | 802.11ax HE80 |
|---|---|
|  |  |
| **802.11ac VHT160** | **802.11ax HE160** |
|  |  |

## 9.2 6 dB BANDWIDTH / 26 dB BANDWIDTH / 99% BANDWIDTH

| U-NII 2 Band (20 MHz) | | | 99% Bandwidth (MHz) | | 26 dB Bandwidth (MHz) | |
|---|---|---|---|---|---|---|
| Mode | Frequency (MHz) | Channel | Chain 0 | Chain 1 | Chain 0 | Chain 1 |
| 802.11a | 5260 | 52 | 16.453 | 16.432 | 19.843 | 20.086 |
| | 5300 | 60 | 16.436 | 16.400 | 18.651 | 19.192 |
| | 5320 | 64 | 16.460 | 16.444 | 19.380 | 19.235 |
| | 5500 | 100 | 16.368 | 16.427 | 18.982 | 18.797 |
| | 5580 | 116 | 16.386 | 16.399 | 19.376 | 19.257 |
| | 5700 | 140 | 16.382 | 16.398 | 19.017 | 18.889 |
| 802.11n HT20 | 5260 | 52 | 17.721 | 17.595 | 20.469 | 19.851 |
| | 5300 | 60 | 17.642 | 17.588 | 20.394 | 20.323 |
| | 5320 | 64 | 17.676 | 17.651 | 20.615 | 20.949 |
| | 5500 | 100 | 17.615 | 17.691 | 19.901 | 20.956 |
| | 5580 | 116 | 17.618 | 17.650 | 21.105 | 20.441 |
| | 5700 | 140 | 17.618 | 17.661 | 20.166 | 19.797 |
| 802.11ax HE20 | 5260 | 52 | 18.987 | 18.918 | 20.779 | 20.615 |
| | 5300 | 60 | 18.934 | 18.914 | 20.781 | 20.711 |
| | 5320 | 64 | 18.953 | 18.992 | 20.878 | 20.968 |
| | 5500 | 100 | 18.937 | 18.918 | 20.605 | 20.561 |
| | 5580 | 116 | 18.919 | 18.925 | 20.504 | 20.695 |
| | 5700 | 140 | 18.945 | 18.906 | 20.612 | 21.037 |

| U-NII 2 Band (40 MHz) | | | 99% Bandwidth (MHz) | | 26 dB Bandwidth (MHz) | |
|---|---|---|---|---|---|---|
| Mode | Frequency (MHz) | Channel | Chain 0 | Chain 1 | Chain 0 | Chain 1 |
| 802.11n HT40 | 5270 | 54 | 36.101 | 36.197 | 36.101 | 39.739 |
| | 5310 | 62 | 36.163 | 36.094 | 36.163 | 39.336 |
| | 5510 | 102 | 36.130 | 36.184 | 36.130 | 39.464 |
| | 5550 | 110 | 36.077 | 36.131 | 36.077 | 39.119 |
| | 5670 | 134 | 36.148 | 36.166 | 36.148 | 39.254 |
| 802.11ax HE40 | 5270 | 54 | 37.759 | 37.843 | 40.218 | 40.039 |
| | 5310 | 62 | 37.729 | 37.749 | 39.842 | 40.587 |
| | 5510 | 102 | 37.835 | 37.715 | 39.810 | 39.906 |
| | 5550 | 110 | 37.840 | 37.721 | 39.504 | 39.981 |
| | 5670 | 134 | 37.705 | 37.614 | 40.120 | 39.632 |

| U-NII 2 Band (80 MHz) | | | 99% Bandwidth (MHz) | | 26 dB Bandwidth (MHz) | |
|---|---|---|---|---|---|---|
| Mode | Frequency (MHz) | Channel | Chain 0 | Chain 1 | Chain 0 | Chain 1 |
| 802.11ac VHT80 | 5290 | 58 | 75.366 | 75.547 | 80.534 | 80.453 |
| | 5530 | 106 | 75.334 | 75.547 | 80.551 | 80.731 |
| | 5610 | 122 | 75.365 | 75.504 | 79.874 | 80.707 |
| 802.11ax HE80 | 5290 | 58 | 77.112 | 77.221 | 81.232 | 81.290 |
| | 5530 | 106 | 77.076 | 77.116 | 81.234 | 80.645 |
| | 5610 | 122 | 76.871 | 77.359 | 81.351 | 81.575 |

| U-NII 2 Band (160 MHz) | | | 99% Bandwidth (MHz) | | 26 dB Bandwidth (MHz) | |
|---|---|---|---|---|---|---|
| Mode | Frequency (MHz) | Channel | Chain 0 | Chain 1 | Chain 0 | Chain 1 |
| 802.11ac VHT160 | 5570 | 114 | 154.980 | 154.860 | 163.600 | 164.501 |
| 802.11ax HE160 | 5570 | 114 | 156.340 | 156.010 | 163.502 | 163.803 |

| Straddle Channel : U-NII 2c/3 Bands (20 MHz) | | | | 99% Bandwidth (MHz) | | 26 dB Bandwidth (MHz) | |
|---|---|---|---|---|---|---|---|
| Mode | Frequency (MHz) | Channel | Band | Chain 0 | Chain 1 | Chain 0 | Chain 1 |
| 802.11a | 5720 | 144 | U-NII 2c | 13.190 | 13.218 | 15.220 | 15.000 |
| | 5720 | 144 | U-NII 3 | 3.543 | 3.543 | 4.086 | 5.338 |
| 802.11n HT20 | 5720 | 144 | U-NII 2c | 13.844 | 13.860 | 15.110 | 15.290 |
| | 5720 | 144 | U-NII 3 | 4.078 | 4.059 | 5.920 | 5.268 |
| 802.11ax HE20 | 5720 | 144 | U-NII 2c | 14.483 | 14.461 | 15.600 | 15.800 |
| | 5720 | 144 | U-NII 3 | 4.551 | 4.561 | 5.801 | 5.500 |

| Straddle Channel : U-NII 2c/3 Bands (40 MHz) | | | | 99% Bandwidth (MHz) | | 26 dB Bandwidth (MHz) | |
|---|---|---|---|---|---|---|---|
| Mode | Frequency (MHz) | Channel | Band | Chain 0 | Chain 1 | Chain 0 | Chain 1 |
| 802.11n HT40 | 5710 | 142 | U-NII 2c | 32.939 | 32.877 | 34.430 | 34.460 |
| | 5710 | 142 | U-NII 3 | 3.532 | 3.532 | 4.851 | 4.648 |
| 802.11ax HE40 | 5710 | 142 | U-NII 2c | 33.778 | 33.711 | 35.170 | 34.900 |
| | 5710 | 142 | U-NII 3 | 4.089 | 4.121 | 4.760 | 4.548 |

| Straddle Channel : U-NII 2c/3 Bands (80 MHz) | | | | 99% Bandwidth (MHz) | | 26 dB Bandwidth (MHz) | |
|---|---|---|---|---|---|---|---|
| Mode | Frequency (MHz) | Channel | Band | Chain 0 | Chain 1 | Chain 0 | Chain 1 |
| 802.11ac VHT80 | 5690 | 138 | U-NII 2c | 72.242 | 72.040 | 75.600 | 75.330 |
| | 5690 | 138 | U-NII 3 | 4.317 | 4.281 | 5.524 | 4.925 |
| 802.11ax HE80 | 5690 | 138 | U-NII 2c | 72.963 | 72.957 | 75.480 | 75.730 |
| | 5690 | 138 | U-NII 3 | 4.419 | 4.401 | 5.532 | 5.217 |

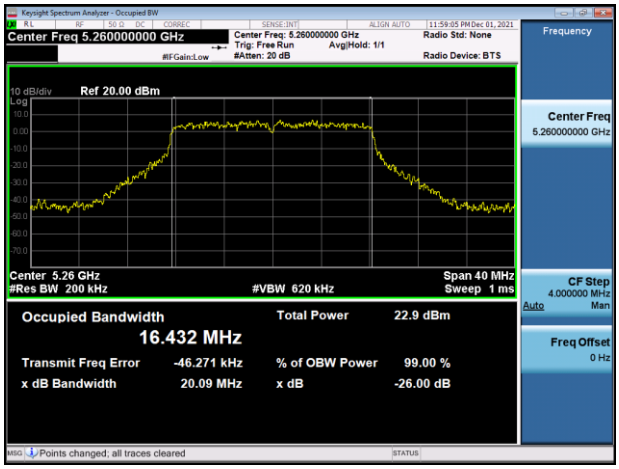
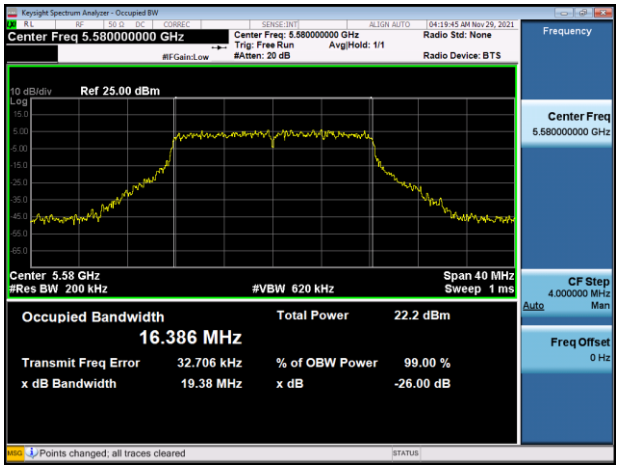
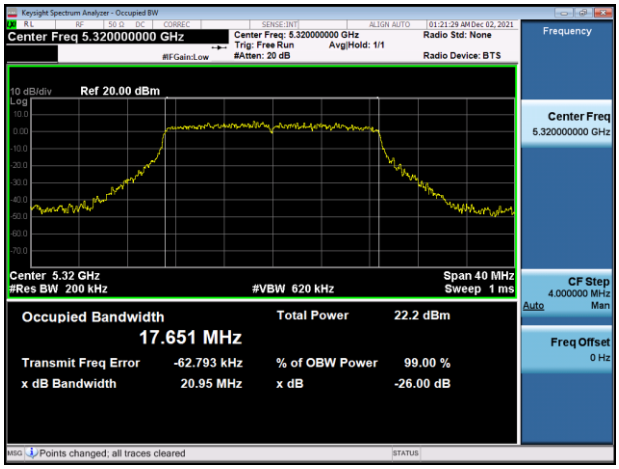
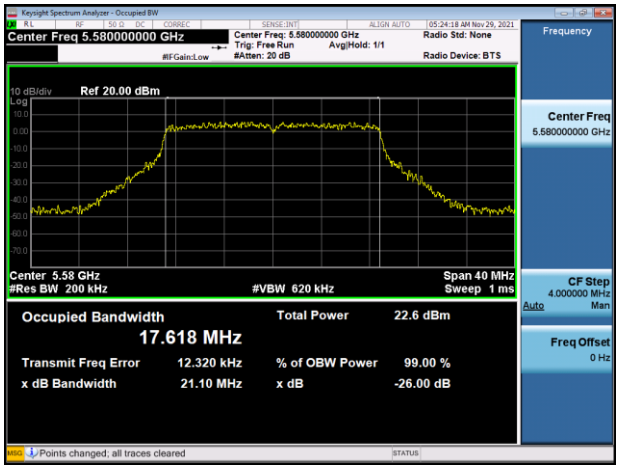
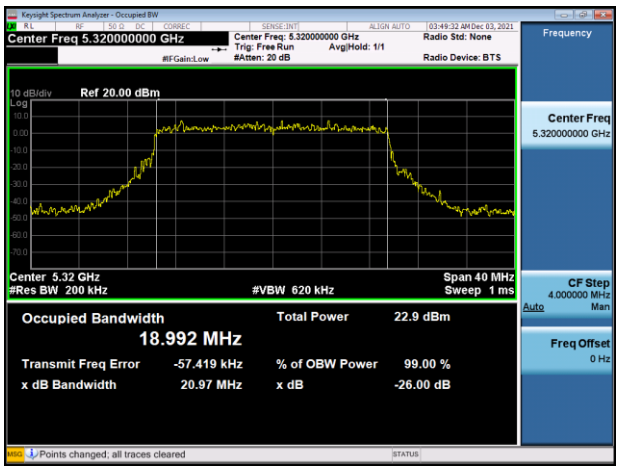
| Straddle Channel : U-NII 1/2a Bands (160 MHz) | | | | 99% Bandwidth (MHz) | | 26 dB Bandwidth (MHz) | |
|---|---|---|---|---|---|---|---|
| Mode | Frequency (MHz) | Channel | Band | Chain 0 | Chain 1 | Chain 0 | Chain 1 |
| 802.11ac VHT160 | 5250 | 50 | U-NII 1 | 75.876 | 76.026 | 81.800 | 80.910 |
| | 5250 | 50 | U-NII 2a | 75.990 | 76.101 | 80.750 | 80.820 |
| 802.11ax HE80 | 5250 | 50 | U-NII 1 | 77.374 | 77.398 | 80.230 | 81.220 |
| | 5250 | 50 | U-NII 2a | 77.305 | 77.288 | 81.150 | 80.870 |

| Straddle Channel : U-NII 2c/3 Bands (20 MHz) | | | 6 dB Bandwidth (MHz) | | |
|---|---|---|---|---|---|
| Mode | Frequency (MHz) | Channel | Chain 0 | Chain 1 | Limit |
| 802.11a | 5720 | 144 | 3.111 | 3.124 | ≥ 0.5 |
| 802.11n HT20 | 5720 | 144 | 3.738 | 3.769 | |
| 802.11ax HE20 | 5720 | 144 | 4.484 | 4.321 | |

| Straddle Channel : U-NII 2c/3 Bands (40 MHz) | | | 6 dB Bandwidth (MHz) | | |
|---|---|---|---|---|---|
| Mode | Frequency (MHz) | Channel | Chain 0 | Chain 1 | Limit |
| 802.11n HT40 | 5710 | 142 | 3.191 | 3.202 | ≥ 0.5 |
| 802.11ax HE40 | 5710 | 142 | 3.973 | 3.969 | |

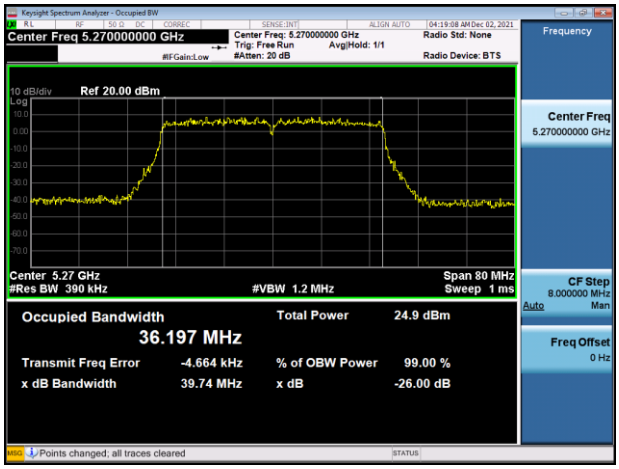
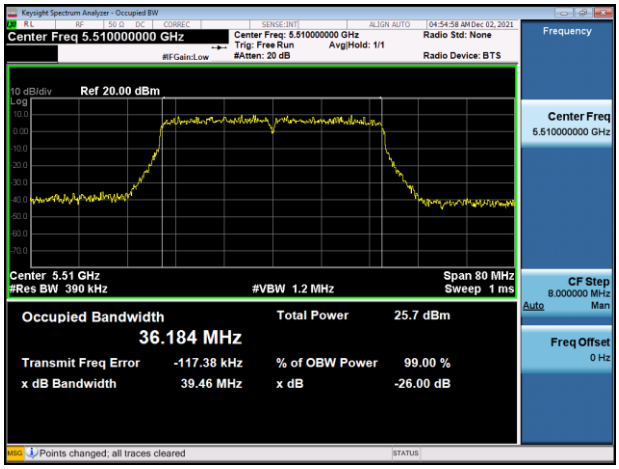
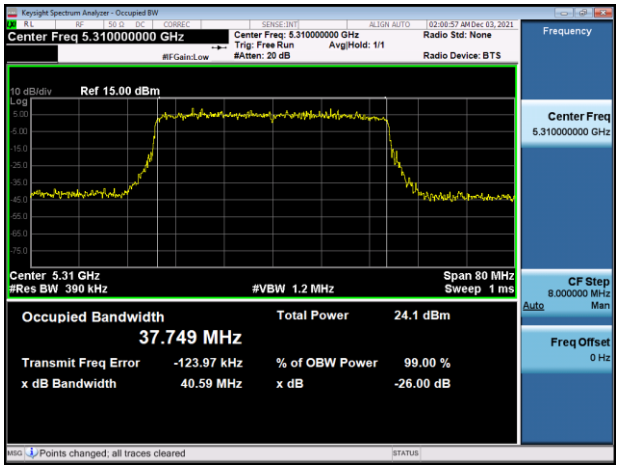
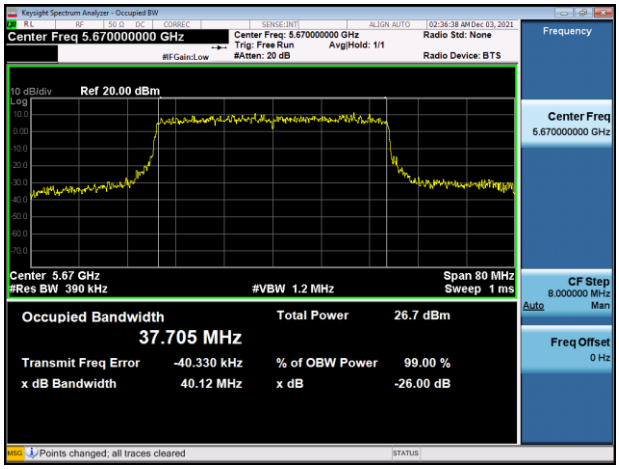
| Straddle Channel : U-NII 2c/3 Bands (80 MHz) | | | 6 dB Bandwidth (MHz) | | |
|---|---|---|---|---|---|
| Mode | Frequency (MHz) | Channel | Chain 0 | Chain 1 | Limit |
| 802.11ac VHT80 | 5690 | 138 | 3.187 | 3.204 | ≥ 0.5 |
| 802.11ax HE80 | 5690 | 138 | 3.975 | 3.943 | |

## ▣ TEST PLOTS

| 26 dB Bandwidth / 99% Bandwidth | |
|---|---|
| **802.11a (CH 52 : 5260 MHz)** | **802.11a (CH 116 : 5580 MHz)** |
|  |  |
| **802.11n HT20 (CH 64 : 5320 MHz)** | **802.11n HT20 (CH 116 : 5580 MHz)** |
|  |  |
| **802.11ax HE20 (CH 64 : 5320 MHz)** | **802.11ax HE20 (CH 140 : 5700 MHz)** |
|  |  |

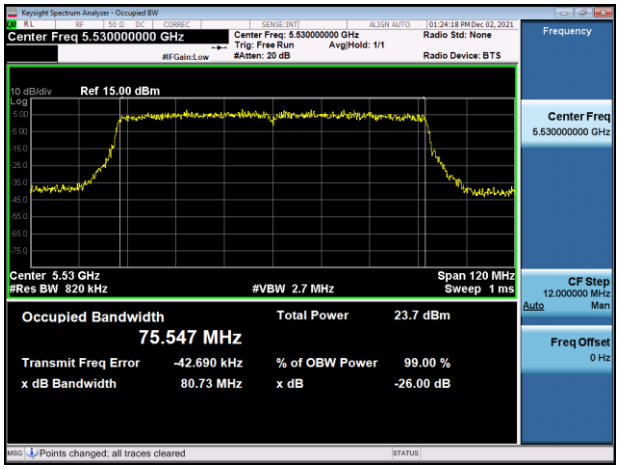
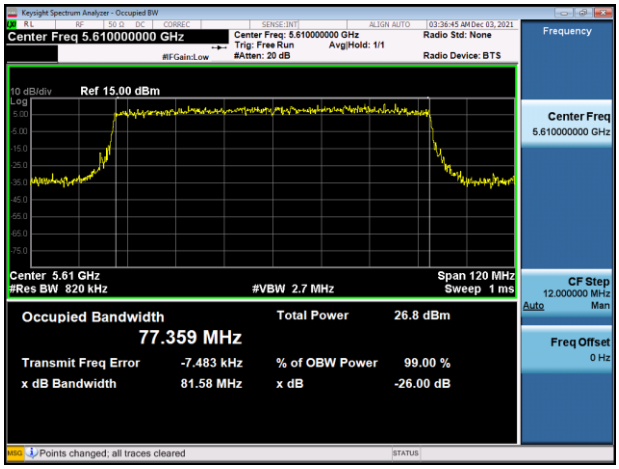
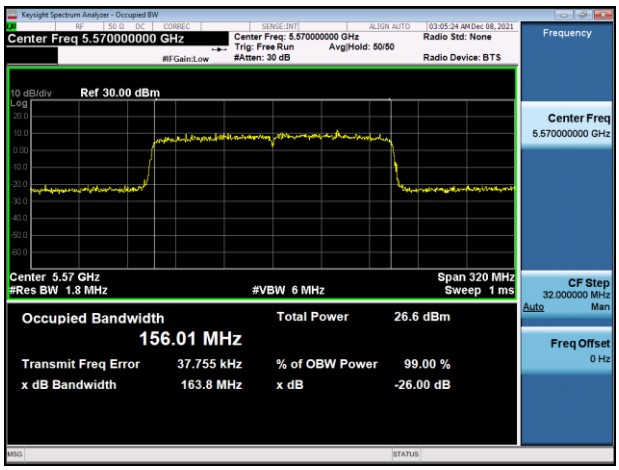
**Note :**
The worst plots are reported for each bandwidth mode.

## ▣ TEST PLOTS

| 26 dB Bandwidth / 99% Bandwidth | |
|---|---|
| **802.11n HT40 (CH 54 : 5270 MHz)** | **802.11n HT40 (CH 102 : 5510 MHz)** |
|  |  |
| **802.11ax HE40 (CH 62 : 5310 MHz)** | **802.11ax HE40 (CH 134 : 5670 MHz)** |
|  |  |

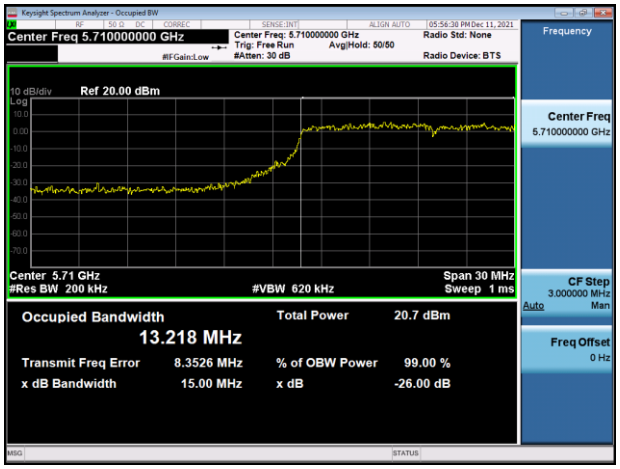
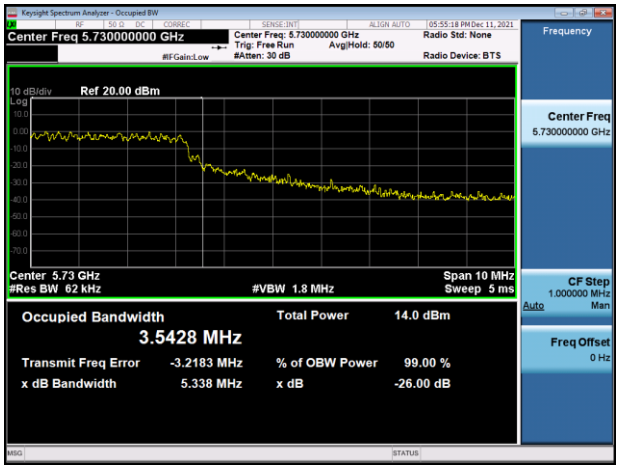
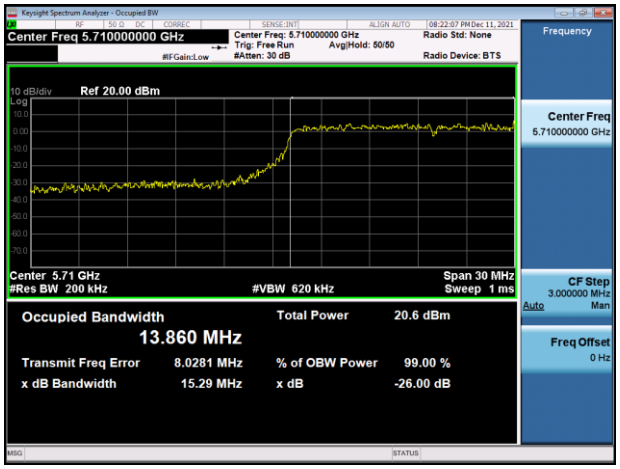
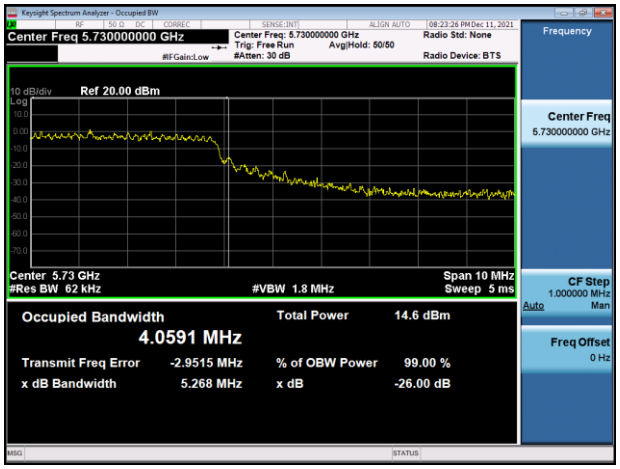
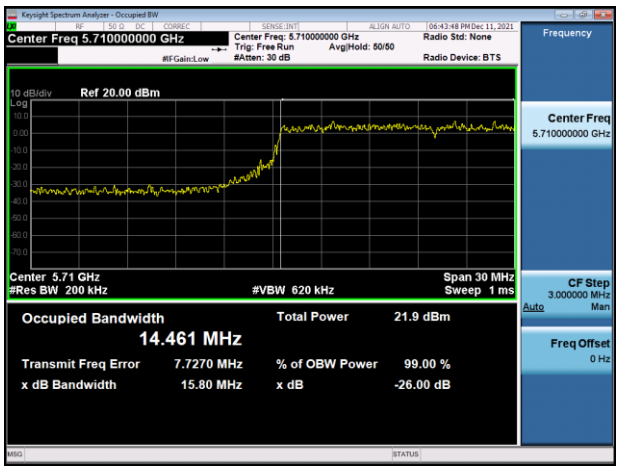
**Note :**
The worst plots are reported for each bandwidth mode.

## ▣ TEST PLOTS

| 26 dB Bandwidth / 99% Bandwidth | |
|---|---|
| **802.11ac VHT80 (CH 58 : 5290 MHz)** | **802.11ac VHT80 (CH 106 : 5530 MHz)** |
|  |  |
| **802.11ax HE80 (CH 58 : 5290 MHz)** | **802.11ax HE80 (CH 122 : 5610 MHz)** |
|  |  |
| **802.11ac VHT160 (CH 114 : 5570 MHz)** | **802.11ax HE160 (CH 114 : 5570 MHz)** |
|  |  |

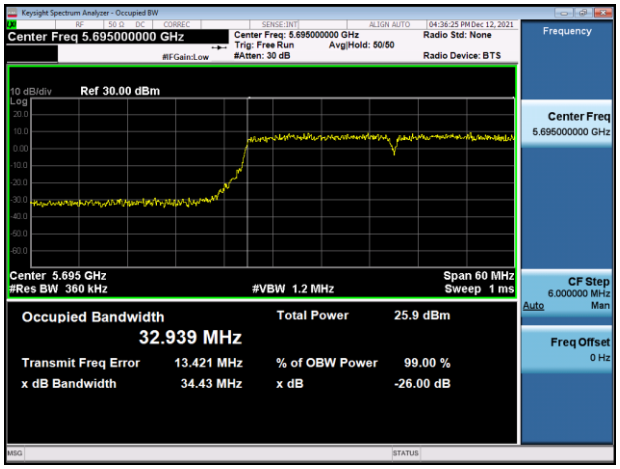
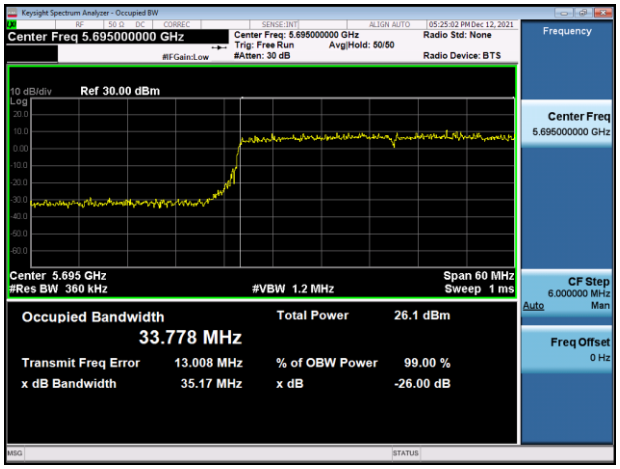
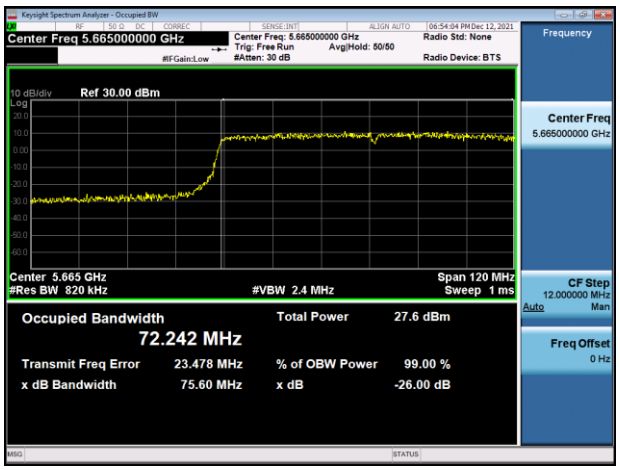
**Note :**
The worst plots are reported for each bandwidth mode.

## ▣ TEST PLOTS

| (Straddle Channels) 26 dB Bandwidth / 99% Bandwidth | |
|---|---|
| **802.11a (CH 144 : 5720 MHz) in U-NII 2c** | **802.11a (CH 144 : 5720 MHz) in U-NII 3** |
|  |  |
| **802.11n HT20 (CH 144 : 5720 MHz) in U-NII 2c** | **802.11n HT20 (CH 144 : 5720 MHz) in U-NII 3** |
|  |  |
| **802.11ax HE20 (CH 144 : 5720 MHz) in U-NII 2c** | **802.11ax HE20 (CH 144 : 5720 MHz) in U-NII 3** |
|  |  |

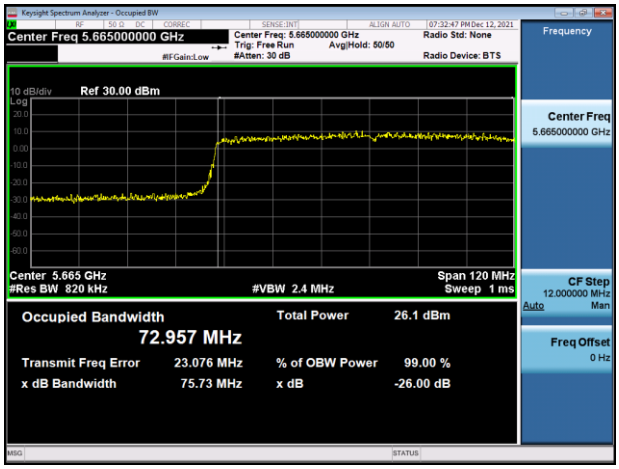
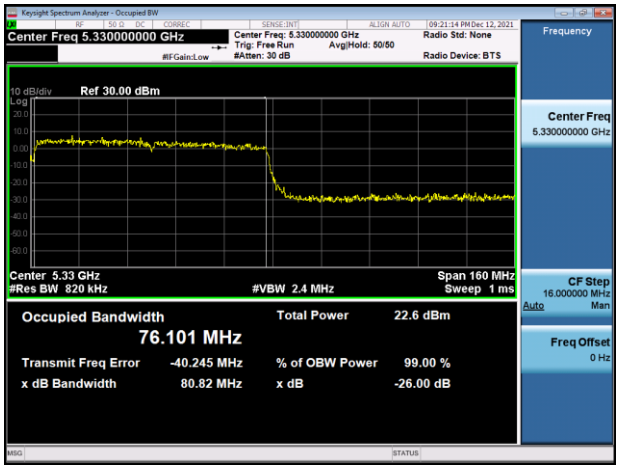
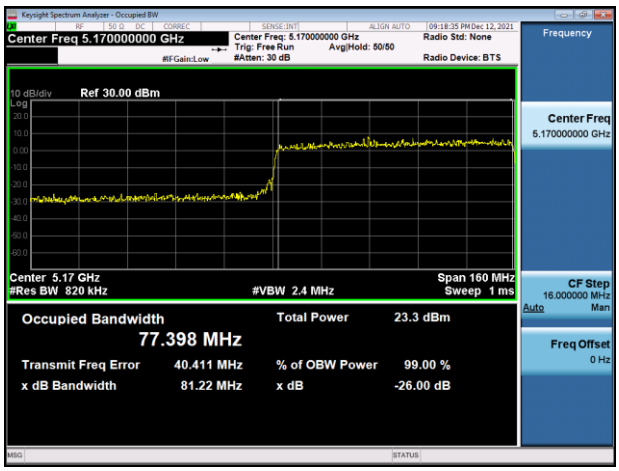
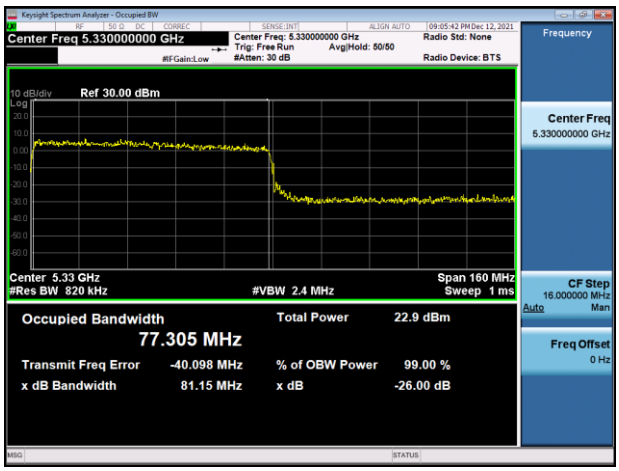
**Note :**
The worst plots are reported for each bandwidth mode.

## ▣ TEST PLOTS

| (Straddle Channels) 26 dB Bandwidth / 99% Bandwidth | |
|---|---|
| **802.11n HT40 (CH 142 : 5710 MHz) in U-NII 2c** | **802.11n HT40 (CH 142 : 5710 MHz) in U-NII 3** |
|  |  |
| **802.11ax HE40 (CH 142 : 5710 MHz) in U-NII 2c** | **802.11ax HE40 (CH 142 : 5710 MHz) in U-NII 3** |
|  |  |
| **802.11ac VHT80 (CH 138 : 5690 MHz) in U-NII 2c** | **802.11ac VHT80 (CH 138 : 5690 MHz) in U-NII 3** |
|  |  |

**Note :**
The worst plots are reported for each bandwidth mode.

## ▣ TEST PLOTS

| (Straddle Channels) 26 dB Bandwidth / 99% Bandwidth | |
|---|---|
| **802.11ax HE80 (CH 138 : 5690 MHz) in U-NII 2c** | **802.11ax HE80 (CH 138 : 5690 MHz) in U-NII 3** |
|  |  |
| **802.11ac VHT160 (CH 50 : 5250 MHz) in U-NII 1** | **802.11ac VHT160 (CH 50 : 5250 MHz) in U-NII 2a** |
|  |  |
| **802.11ax HE160 (CH 50 : 5250 MHz) in U-NII 1** | **802.11ax HE160 (CH 50 : 5250 MHz) in U-NII 2a** |
|  |  |

**Note :**
The worst plots are reported for each bandwidth mode.

## ▣ TEST PLOTS

| (Straddle Channels) 6 dB Bandwidth | |
|---|---|
| **802.11a (CH 144 : 5720 MHz)** | **802.11n HT20 (CH 144 : 5720 MHz)** |
|  |  |
| **802.11ax HE20 (CH 144 : 5720 MHz)** | **802.11n HT40 (CH 142 : 5710 MHz)** |
|  |  |
| **802.11ax HE40 (CH 142 : 5710 MHz)** | |
|  | |

**Note :**
The worst plots are reported for each bandwidth mode.

## ▣ TEST PLOTS

| (Straddle Channels) 6 dB Bandwidth | |
|---|---|
| **802.11ac VHT80 (CH 138 : 5690 MHz)** | **802.11ax HE80 (CH 138 : 5690 MHz)** |
|  |  |



**Note :**
The worst plots are reported for each bandwidth mode.

## 9.3 OUTPUT POWER

| U-NII 2 Band (20 MHz) | | | | Test Result | | | | FCC Limit (dBm) | ISED Limit (dBm) |
|---|---|---|---|---|---|---|---|---|---|
| Mode | Frequency (MHz) | Channel | Date Rate | Measured Power (dBm) | | Duty Factor (dB) | Total Power (dBm) | | |
| | | | | Chain 0 | Chain 1 | | All Chain | | |
| 802.11a | 5260 | 52 | 6 Mbps | 16.92 | 17.02 | 0.72 | 20.70 | 23.98 | 23.16 |
| | 5300 | 60 | 6 Mbps | 16.78 | 16.60 | 0.72 | 20.43 | 23.83 | 23.16 |
| | 5320 | 64 | 6 Mbps | 17.25 | 16.03 | 0.72 | 20.41 | 23.87 | 23.16 |
| | 5500 | 100 | 6 Mbps | 16.61 | 16.52 | 0.72 | 20.30 | 23.78 | 23.16 |
| | 5580 | 116 | 6 Mbps | 16.66 | 16.37 | 0.72 | 20.25 | 23.87 | 23.15 |
| | 5700 | 140 | 6 Mbps | 16.47 | 15.99 | 0.72 | 19.97 | 23.79 | 23.15 |
| 802.11n HT20 | 5260 | 52 | MCS0 | 17.73 | 17.40 | 0.39 | 20.96 | 23.98 | 23.48 |
| | 5300 | 60 | MCS0 | 16.98 | 16.75 | 0.39 | 20.26 | 23.98 | 23.47 |
| | 5320 | 64 | MCS0 | 17.28 | 16.76 | 0.39 | 20.43 | 23.98 | 23.47 |
| | 5500 | 100 | MCS0 | 17.43 | 17.20 | 0.39 | 20.71 | 23.98 | 23.48 |
| | 5580 | 116 | MCS0 | 17.34 | 17.11 | 0.39 | 20.62 | 23.98 | 23.47 |
| | 5700 | 140 | MCS0 | 17.05 | 16.44 | 0.39 | 20.15 | 23.98 | 23.47 |
| 802.11ax HE20 | 5260 | 52 | MCS0 | 17.78 | 18.08 | 0.20 | 21.14 | 23.98 | 23.78 |
| | 5300 | 60 | MCS0 | 17.89 | 17.64 | 0.20 | 20.97 | 23.98 | 23.77 |
| | 5320 | 64 | MCS0 | 17.37 | 17.20 | 0.20 | 20.50 | 23.98 | 23.79 |
| | 5500 | 100 | MCS0 | 17.57 | 17.98 | 0.20 | 20.99 | 23.98 | 23.77 |
| | 5580 | 116 | MCS0 | 17.19 | 17.11 | 0.20 | 20.36 | 23.98 | 23.77 |
| | 5700 | 140 | MCS0 | 17.77 | 17.18 | 0.20 | 20.69 | 23.98 | 23.77 |

**Note :**

1. Conducted Output Power Limit
   - U-NII 2c (FCC : 20 MHz BW) : Min [10 log(250mW), 11+10 log(26dB BW)] dBm
   - U-NII 2c (ISED : 20 MHz BW) : Min [10 log(250mW), 11+10 log(99% OBW)] dBm

2. The output power results in the table include the spectrum offset, which is a combination loss of the attenuator and the cable used for testing.

| U-NII 2 Band (40 MHz) | | | | Test Result | | | | FCC Limit (dBm) | ISED Limit (dBm) |
|---|---|---|---|---|---|---|---|---|---|
| Mode | Frequency (MHz) | Channel | Date Rate | Measured Power (dBm) | | Duty Factor (dB) | Total Power (dBm) | | |
| | | | | Chain 0 | Chain 1 | | All Chain | | |
| 802.11n HT40 | 5270 | 54 | MCS0 | 19.83 | 19.54 | 0.37 | 23.07 | 23.98 | 23.98 |
| | 5310 | 62 | MCS0 | 17.95 | 18.00 | 0.37 | 21.35 | 23.98 | 23.98 |
| | 5510 | 102 | MCS0 | 20.03 | 20.09 | 0.37 | 23.44 | 23.98 | 23.98 |
| | 5550 | 110 | MCS0 | 19.94 | 19.50 | 0.37 | 23.11 | 23.98 | 23.98 |
| | 5670 | 134 | MCS0 | 19.94 | 19.11 | 0.37 | 22.93 | 23.98 | 23.98 |
| 802.11ax HE40 | 5270 | 54 | MCS0 | 19.81 | 19.53 | 0.20 | 22.88 | 23.98 | 23.98 |
| | 5310 | 62 | MCS0 | 17.51 | 17.67 | 0.20 | 20.80 | 23.98 | 23.98 |
| | 5510 | 102 | MCS0 | 19.76 | 19.71 | 0.20 | 22.94 | 23.98 | 23.98 |
| | 5550 | 110 | MCS0 | 19.59 | 19.15 | 0.20 | 22.59 | 23.98 | 23.98 |
| | 5670 | 134 | MCS0 | 20.16 | 19.30 | 0.20 | 22.96 | 23.98 | 23.98 |

| U-NII 2 Band (80 MHz) | | | | Test Result | | | | FCC Limit (dBm) | ISED Limit (dBm) |
|---|---|---|---|---|---|---|---|---|---|
| Mode | Frequency (MHz) | Channel | Date Rate | Measured Power (dBm) | | Duty Factor (dB) | Total Power (dBm) | | |
| | | | | Chain 0 | Chain 1 | | All Chain | | |
| 802.11ac VHT80 | 5290 | 58 | MCS0 | 17.64 | 15.34 | 0.40 | 20.05 | 23.98 | 23.98 |
| | 5530 | 106 | MCS0 | 19.35 | 17.08 | 0.40 | 21.76 | 23.98 | 23.98 |
| | 5610 | 122 | MCS0 | 20.23 | 17.58 | 0.40 | 22.51 | 23.98 | 23.98 |
| 802.11ax HE80 | 5290 | 58 | MCS0 | 17.41 | 17.52 | 0.25 | 20.73 | 23.98 | 23.98 |
| | 5530 | 106 | MCS0 | 19.30 | 19.18 | 0.25 | 22.51 | 23.98 | 23.98 |
| | 5610 | 122 | MCS0 | 20.16 | 19.74 | 0.25 | 23.21 | 23.98 | 23.98 |

| U-NII 2 Band (160 MHz) | | | | Test Result | | | | FCC Limit (dBm) | ISED Limit (dBm) |
|---|---|---|---|---|---|---|---|---|---|
| Mode | Frequency (MHz) | Channel | Date Rate | Measured Power (dBm) | | Duty Factor (dB) | Total Power (dBm) | | |
| | | | | Chain 0 | Chain 1 | | All Chain | | |
| 802.11ac VHT160 | 5570 | 114 | MCS0 | 18.81 | 18.11 | 0.31 | 21.80 | 23.98 | 23.98 |
| 802.11ax HE160 | 5570 | 114 | MCS0 | 18.71 | 18.24 | 0.23 | 21.73 | 23.98 | 23.98 |

**Note :**

1. Conducted Output Power Limit
   - U-NII 2c (40/60/80 MHz BW) : 10 log(250mW) = 23.98 dBm

2. The output power results in the table include the spectrum offset, which is a combination loss of the attenuator and the cable used for testing.

| Straddle Channel : U-NII 2c/3 Bands (20 MHz) | | | | | Test Result | | | | FCC Limit (dBm) | ISED Limit (dBm) |
|---|---|---|---|---|---|---|---|---|---|---|
| Mode | Frequency (MHz) | Channel | Band | Data Rate | Measured Power (dBm) | | Duty Factor (dB) | Total Power (dBm) | | |
| | | | | | Chain 0 | Chain 1 | | All Chain | | |
| 802.11a | 5720 | 144 | U-NII 2c | 6 Mbps | 16.95 | 14.60 | 0.72 | 19.67 | 22.82 | 22.21 |
| | 5720 | 144 | U-NII 3 | 6 Mbps | 10.18 | 7.93 | 0.72 | 12.93 | 30.00 | 30.00 |
| | 5720 | 144 | Combined | | 17.78 | 15.45 | 0.72 | 20.50 | - | - |
| 802.11n HT20 | 5720 | 144 | U-NII 2c | MCS0 | 16.89 | 15.13 | 0.39 | 19.50 | 22.84 | 22.42 |
| | 5720 | 144 | U-NII 3 | MCS0 | 10.97 | 8.78 | 0.39 | 13.41 | 30.00 | 30.00 |
| | 5720 | 144 | Combined | | 17.88 | 16.04 | 0.39 | 20.46 | - | - |
| 802.11ax HE20 | 5720 | 144 | U-NII 2c | MCS0 | 17.02 | 15.37 | 0.20 | 19.48 | 22.99 | 22.61 |
| | 5720 | 144 | U-NII 3 | MCS0 | 11.53 | 9.46 | 0.20 | 13.82 | 30.00 | 30.00 |
| | 5720 | 144 | Combined | | 18.10 | 16.36 | 0.20 | 20.53 | - | - |

| Straddle Channel : U-NII 2c/3 Bands (40 MHz) | | | | | Test Result | | | | FCC Limit (dBm) | ISED Limit (dBm) |
|---|---|---|---|---|---|---|---|---|---|---|
| Mode | Frequency (MHz) | Channel | Band | Data Rate | Measured Power (dBm) | | Duty Factor (dB) | Total Power (dBm) | | |
| | | | | | Chain 0 | Chain 1 | | All Chain | | |
| 802.11n HT40 | 5710 | 142 | U-NII 2c | MCS0 | 19.92 | 19.55 | 0.37 | 23.12 | 23.98 | 23.98 |
| | 5710 | 142 | U-NII 3 | MCS0 | 9.11 | 8.47 | 0.37 | 12.18 | 30.00 | 30.00 |
| | 5710 | 142 | Combined | | 20.26 | 19.88 | 0.37 | 23.46 | - | - |
| 802.11ax HE40 | 5710 | 142 | U-NII 2c | MCS0 | 19.46 | 19.18 | 0.20 | 22.53 | 23.98 | 23.98 |
| | 5710 | 142 | U-NII 3 | MCS0 | 9.58 | 8.88 | 0.20 | 12.45 | 30.00 | 30.00 |
| | 5710 | 142 | Combined | | 19.89 | 19.57 | 0.20 | 22.94 | - | - |

| Straddle Channel : U-NII 2c/3 Bands (80 MHz) | | | | | Test Result | | | | FCC Limit (dBm) | ISED Limit (dBm) |
|---|---|---|---|---|---|---|---|---|---|---|
| Mode | Frequency (MHz) | Channel | Band | Data Rate | Measured Power (dBm) | | Duty Factor (dB) | Total Power (dBm) | | |
| | | | | | Chain 0 | Chain 1 | | All Chain | | |
| 802.11ac VHT80 | 5690 | 138 | U-NII 2c | MCS0 | 20.53 | 18.61 | 0.40 | 23.08 | 23.98 | 23.98 |
| | 5690 | 138 | U-NII 3 | MCS0 | 6.25 | 3.67 | 0.40 | 8.55 | 30.00 | 30.00 |
| | 5690 | 138 | Combined | | 20.69 | 18.74 | 0.40 | 23.23 | - | - |
| 802.11ax HE80 | 5690 | 138 | U-NII 2c | MCS0 | 20.24 | 18.64 | 0.25 | 22.78 | 23.98 | 23.98 |
| | 5690 | 138 | U-NII 3 | MCS0 | 6.84 | 4.77 | 0.25 | 9.19 | 30.00 | 30.00 |
| | 5690 | 138 | Combined | | 20.44 | 18.82 | 0.25 | 22.97 | - | - |

**Note :**

1. Conducted Output Power Limit
   - U-NII 2c (FCC : 20 MHz BW) : Min [10 log(250mW), 11+10 log(26dB BW)] dBm
   - U-NII 2c (ISED : 20 MHz BW) : Min [10 log(250mW), 11+10 log(99% OBW)] dBm
   - U-NII 2c (40/60/80 MHz BW) : 10 log(250mW) = 23.98 dBm

2. The output power results in the table include the spectrum offset, which is a combination loss of the attenuator and the cable used for testing.