

## Annex C. Conducted Test Results

### Maximum Conducted Output Power Measurement

| Test Mode       |           | Mode 2: IEEE 802.11a Continuous TX mode |              |             |
|-----------------|-----------|-----------------------------------------|--------------|-------------|
| Frequency (MHz) | Data Rate | ANT-0                                   |              | Limit (dBm) |
|                 |           | (dBm)                                   | (W)          |             |
| 5180.0          | 6 M       | 14.11                                   | 0.026        | ≤ 24.00     |
| 5200.0          |           | 14.14                                   | 0.026        | ≤ 24.00     |
| 5220.0          |           | <b>14.23</b>                            | <b>0.026</b> | ≤ 24.00     |
| 5240.0          |           | 14.21                                   | 0.026        | ≤ 24.00     |
| 5260.0          |           | 14.22                                   | 0.026        | ≤ 24.00     |
| 5280.0          |           | 14.32                                   | 0.027        | ≤ 24.00     |
| 5300.0          |           | 14.25                                   | 0.027        | ≤ 24.00     |
| 5320.0          |           | <b>14.48</b>                            | <b>0.028</b> | ≤ 24.00     |
| 5500.0          |           | <b>12.93</b>                            | <b>0.020</b> | ≤ 24.00     |
| 5520.0          |           | 12.32                                   | 0.017        | ≤ 24.00     |
| 5540.0          |           | 12.31                                   | 0.017        | ≤ 24.00     |
| 5560.0          |           | 12.42                                   | 0.017        | ≤ 24.00     |
| 5580.0          |           | 12.81                                   | 0.019        | ≤ 24.00     |
| 5660.0          |           | 12.80                                   | 0.019        | ≤ 24.00     |
| 5680.0          |           | 12.70                                   | 0.019        | ≤ 24.00     |
| 5700.0          |           | 12.63                                   | 0.018        | ≤ 24.00     |
| 5745.0          |           | 14.35                                   | 0.027        | ≤ 30.00     |
| 5765.0          |           | <b>14.38</b>                            | <b>0.027</b> | ≤ 30.00     |
| 5785.0          |           | 14.36                                   | 0.027        | ≤ 30.00     |
| 5805.0          |           | 14.37                                   | 0.027        | ≤ 30.00     |
| 5825.0          |           | 14.28                                   | 0.027        | ≤ 30.00     |

Note: The relevant measured result has the offset with cable loss already.

| Test Mode       |           | Mode 3: IEEE 802.11ac 20 MHz Continuous TX mode |              |             |
|-----------------|-----------|-------------------------------------------------|--------------|-------------|
| Frequency (MHz) | Data Rate | ANT-0                                           |              | Limit (dBm) |
|                 |           | (dBm)                                           | (W)          |             |
| 5180.0          | 6.5 M     | <b>13.62</b>                                    | <b>0.023</b> | ≤ 24.00     |
| 5200.0          |           | 13.44                                           | 0.022        | ≤ 24.00     |
| 5220.0          |           | 13.48                                           | 0.022        | ≤ 24.00     |
| 5240.0          |           | 13.43                                           | 0.022        | ≤ 24.00     |
| 5260.0          |           | <b>13.57</b>                                    | <b>0.023</b> | ≤ 24.00     |
| 5280.0          |           | 13.48                                           | 0.022        | ≤ 24.00     |
| 5300.0          |           | 13.44                                           | 0.022        | ≤ 24.00     |
| 5320.0          |           | 13.43                                           | 0.022        | ≤ 24.00     |
| 5500.0          |           | 12.91                                           | 0.020        | ≤ 24.00     |
| 5520.0          |           | 12.70                                           | 0.019        | ≤ 24.00     |
| 5540.0          |           | 12.88                                           | 0.019        | ≤ 24.00     |
| 5560.0          |           | 12.77                                           | 0.019        | ≤ 24.00     |
| 5580.0          |           | <b>12.93</b>                                    | <b>0.020</b> | ≤ 24.00     |
| 5660.0          |           | 12.89                                           | 0.019        | ≤ 24.00     |
| 5680.0          |           | 12.87                                           | 0.019        | ≤ 24.00     |
| 5700.0          |           | 12.83                                           | 0.019        | ≤ 24.00     |
| 5745.0          |           | 13.46                                           | 0.022        | ≤ 30.00     |
| 5765.0          |           | <b>13.51</b>                                    | <b>0.022</b> | ≤ 30.00     |
| 5785.0          |           | 13.41                                           | 0.022        | ≤ 30.00     |
| 5805.0          |           | 13.45                                           | 0.022        | ≤ 30.00     |
| 5825.0          |           | 13.41                                           | 0.022        | ≤ 30.00     |

Note: The relevant measured result has the offset with cable loss already.

| Test Mode       |           | Mode 4: IEEE 802.11ac 40 MHz Continuous TX mode |              |             |
|-----------------|-----------|-------------------------------------------------|--------------|-------------|
| Frequency (MHz) | Data Rate | ANT-0                                           |              | Limit (dBm) |
|                 |           | (dBm)                                           | (W)          |             |
| 5190.0          | 13.5 M    | 12.61                                           | 0.018        | ≤ 24.00     |
| 5230.0          |           | <b>12.69</b>                                    | <b>0.019</b> | ≤ 24.00     |
| 5270.0          |           | <b>12.74</b>                                    | <b>0.019</b> | ≤ 24.00     |
| 5310.0          |           | 12.62                                           | 0.018        | ≤ 24.00     |
| 5510.0          |           | 12.75                                           | 0.019        | ≤ 24.00     |
| 5550.0          |           | 12.91                                           | 0.020        | ≤ 24.00     |
| 5670.0          |           | <b>12.92</b>                                    | <b>0.020</b> | ≤ 24.00     |
| 5755.0          |           | 12.52                                           | 0.018        | ≤ 30.00     |
| 5795.0          |           | <b>12.53</b>                                    | <b>0.018</b> | ≤ 30.00     |
| Test Mode       |           | Mode 5: IEEE 802.11ac 80 MHz Continuous TX mode |              |             |
| Frequency (MHz) | Data Rate | ANT-0                                           |              | Limit (dBm) |
|                 |           | (dBm)                                           | (W)          |             |
| 5210.0          | 29.3 M    | <b>8.74</b>                                     | <b>0.007</b> | ≤ 24.00     |
| 5290.0          |           | <b>9.26</b>                                     | <b>0.008</b> | ≤ 24.00     |
| 5530.0          |           | <b>12.75</b>                                    | <b>0.019</b> | ≤ 30.00     |
| 5775.0          |           | <b>12.55</b>                                    | <b>0.018</b> | ≤ 30.00     |

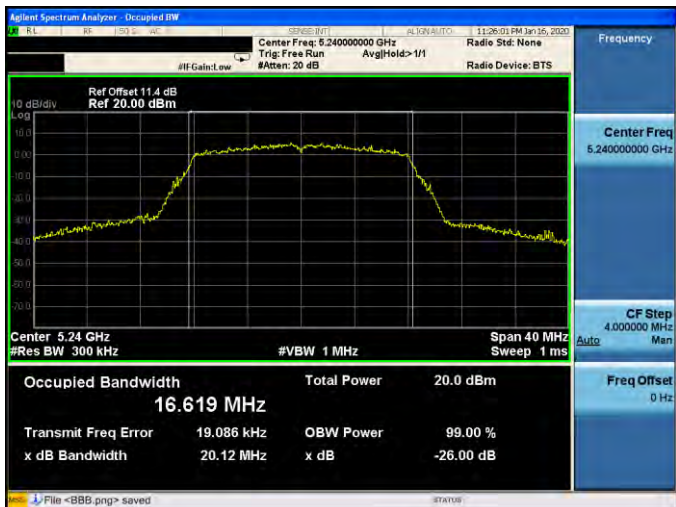
Note: The relevant measured result has the offset with cable loss already.

### 26 dB RF Bandwidth Measurement

|                 |                                                 |
|-----------------|-------------------------------------------------|
| Test Mode       | Mode 2: IEEE 802.11a Continuous TX mode         |
| Frequency (MHz) | ANT-0                                           |
| 5180.0          | 20.150                                          |
| 5200.0          | 20.320                                          |
| 5240.0          | 20.120                                          |
| 5260.0          | 20.190                                          |
| 5280.0          | 20.050                                          |
| 5320.0          | 20.250                                          |
| 5500.0          | 20.220                                          |
| 5560.0          | 20.080                                          |
| 5700.0          | 20.100                                          |
| Test Mode       | Mode 3: IEEE 802.11ac 20 MHz Continuous TX mode |
| Frequency (MHz) | ANT-0                                           |
| 5180.0          | 20.470                                          |
| 5200.0          | 20.490                                          |
| 5240.0          | 20.380                                          |
| 5260.0          | 20.470                                          |
| 5280.0          | 20.420                                          |
| 5320.0          | 20.360                                          |
| 5500.0          | 20.360                                          |
| 5560.0          | 20.300                                          |
| 5700.0          | 20.380                                          |
| Test Mode       | Mode 4: IEEE 802.11ac 40 MHz Continuous TX mode |
| Frequency (MHz) | ANT-0                                           |
| 5190.0          | 41.300                                          |
| 5230.0          | 41.640                                          |
| 5270.0          | 41.400                                          |
| 5310.0          | 41.410                                          |
| 5510.0          | 41.600                                          |
| 5550.0          | 41.590                                          |
| 5670.0          | 41.460                                          |
| Test Mode       | Mode 5: IEEE 802.11ac 80 MHz Continuous TX mode |
| Frequency (MHz) | ANT-0                                           |
| 5210.0          | 81.930                                          |
| 5290.0          | 82.030                                          |
| 5530.0          | 81.860                                          |



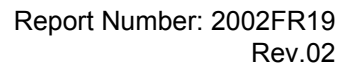
■ Test Graphs

| Mode 2: IEEE 802.11a Continuous TX mode_ ANT-0 |                                                                                      |
|------------------------------------------------|--------------------------------------------------------------------------------------|
| 5180 MHz                                       |    |
| 5200 MHz                                       |   |
| 5240 MHz                                       |  |



| Mode 2: IEEE 802.11a Continuous TX mode_ ANT-0 |                                                                                      |
|------------------------------------------------|--------------------------------------------------------------------------------------|
| 5260 MHz                                       |    |
| 5280 MHz                                       |   |
| 5320 MHz                                       |  |



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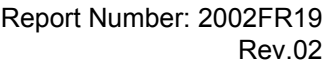


| Mode 3: IEEE 802.11ac 20 MHz Continuous TX mode_ ANT-0 |                                                                                      |
|--------------------------------------------------------|--------------------------------------------------------------------------------------|
| 5180 MHz                                               |    |
| 5200 MHz                                               |   |
| 5240 MHz                                               |  |





| Mode 3: IEEE 802.11ac 20 MHz Continuous TX mode_ ANT-0 |                                                                                      |
|--------------------------------------------------------|--------------------------------------------------------------------------------------|
| 5260 MHz                                               |    |
| 5280 MHz                                               |   |
| 5320 MHz                                               |  |

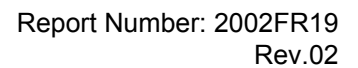


Mode 3: IEEE 802.11ac 20 MHz Continuous TX mode\_ ANT-0

|                     |                                                                                      |
|---------------------|--------------------------------------------------------------------------------------|
| <div>5500 MHz</div> |    |
| <div>5560 MHz</div> |   |
| <div>5700 MHz</div> |  |



| Mode 4: IEEE 802.11ac 40 MHz Continuous TX mode_ ANT-0 |                                                                                     |
|--------------------------------------------------------|-------------------------------------------------------------------------------------|
| 5190 MHz                                               |   |
| 5230 MHz                                               |  |

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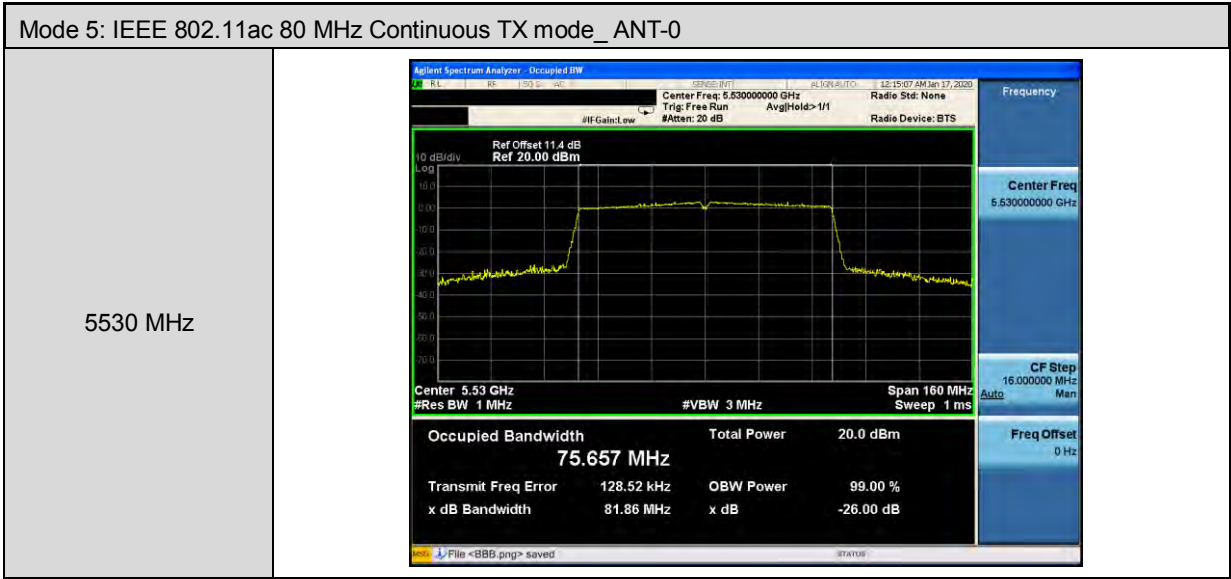


| Mode 4: IEEE 802.11ac 40 MHz Continuous TX mode_ ANT-0 |                                                                                      |
|--------------------------------------------------------|--------------------------------------------------------------------------------------|
| 5510 MHz                                               |    |
| 5550 MHz                                               |   |
| 5670 MHz                                               |  |



| Mode 5: IEEE 802.11ac 80 MHz Continuous TX mode_ ANT-0 |                                                                                     |
|--------------------------------------------------------|-------------------------------------------------------------------------------------|
| 5210 MHz                                               |   |
| 5290 MHz                                               |  |



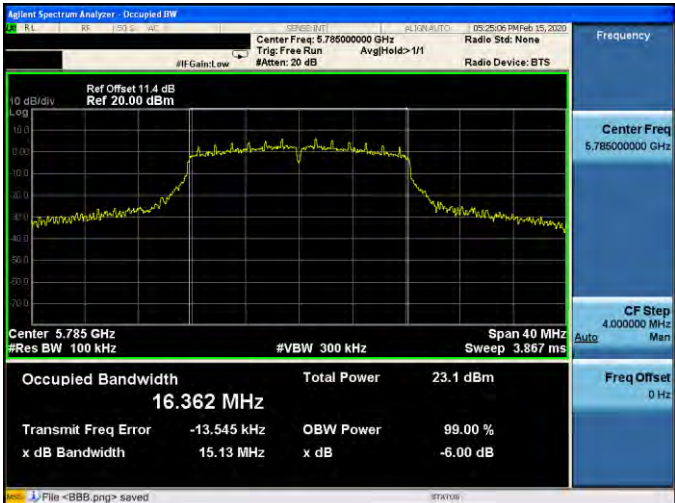


### 6 dB RF Bandwidth Measurement

|                 |                                                 |             |
|-----------------|-------------------------------------------------|-------------|
| Test Mode       | Mode 2: IEEE 802.11a Continuous TX mode         |             |
| Frequency (MHz) | ANT-0                                           | Limit (kHz) |
| 5745.0          | 15170                                           | $\geq 500$  |
| 5785.0          | 15130                                           | $\geq 500$  |
| 5825.0          | 15120                                           | $\geq 500$  |
| Test Mode       | Mode 3: IEEE 802.11ac 20 MHz Continuous TX mode |             |
| Frequency (MHz) | ANT-0                                           | Limit (kHz) |
| 5745.0          | 15070                                           | $\geq 500$  |
| 5785.0          | 15130                                           | $\geq 500$  |
| 5825.0          | 15060                                           | $\geq 500$  |
| Test Mode       | Mode 4: IEEE 802.11ac 40 MHz Continuous TX mode |             |
| Frequency (MHz) | ANT-0                                           | Limit (kHz) |
| 5755.0          | 35870                                           | $\geq 500$  |
| 5795.0          | 35750                                           | $\geq 500$  |
| Test Mode       | Mode 5: IEEE 802.11ac 80 MHz Continuous TX mode |             |
| Frequency (MHz) | ANT-0                                           | Limit (kHz) |
| 5775.0          | 76620                                           | $\geq 500$  |

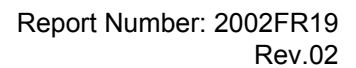
## Test Graphs

Mode 2: IEEE 802.11a Link Mode\_ ANT-0

|          |                                                                                      |
|----------|--------------------------------------------------------------------------------------|
| 5745 MHz |    |
| 5785 MHz |   |
| 5825 MHz |  |

Mode 3: IEEE 802.11ac 20 MHz Link Mode\_ANT-0

|          |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |
|----------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 5745 MHz |  <p>Agilent Spectrum Analyzer - Occupied BW</p> <p>Center Freq: 5.745000000 GHz<br/>Trig: Free Run<br/>Ave/Hold: 1/1<br/>Radio Std: None<br/>Radio Device: BTS</p> <p>Ref Offset 11.4 dB<br/>Ref 20.00 dBm</p> <p>Center 5.745 GHz<br/>#Res BW 100 kHz<br/>#VBW 300 kHz<br/>Span 40 MHz<br/>Sweep 3.867 ms</p> <p>Occupied Bandwidth 17.538 MHz<br/>Total Power 22.9 dBm<br/>Transmit Freq Error 6.619 kHz<br/>OBW Power 99.00 %<br/>x dB Bandwidth 15.07 MHz<br/>x dB -6.00 dB</p> <p>File &lt;BBB.png&gt; saved</p>   |
| 5785 MHz |  <p>Agilent Spectrum Analyzer - Occupied BW</p> <p>Center Freq: 5.785000000 GHz<br/>Trig: Free Run<br/>Ave/Hold: 1/1<br/>Radio Std: None<br/>Radio Device: BTS</p> <p>Ref Offset 11.4 dB<br/>Ref 20.00 dBm</p> <p>Center 5.785 GHz<br/>#Res BW 100 kHz<br/>#VBW 300 kHz<br/>Span 40 MHz<br/>Sweep 3.867 ms</p> <p>Occupied Bandwidth 17.534 MHz<br/>Total Power 22.6 dBm<br/>Transmit Freq Error 2.807 kHz<br/>OBW Power 99.00 %<br/>x dB Bandwidth 15.13 MHz<br/>x dB -6.00 dB</p> <p>File &lt;BBB.png&gt; saved</p>  |
| 5825 MHz |  <p>Agilent Spectrum Analyzer - Occupied BW</p> <p>Center Freq: 5.825000000 GHz<br/>Trig: Free Run<br/>Ave/Hold: 1/1<br/>Radio Std: None<br/>Radio Device: BTS</p> <p>Ref Offset 11.4 dB<br/>Ref 20.00 dBm</p> <p>Center 5.825 GHz<br/>#Res BW 100 kHz<br/>#VBW 300 kHz<br/>Span 40 MHz<br/>Sweep 3.867 ms</p> <p>Occupied Bandwidth 17.541 MHz<br/>Total Power 22.0 dBm<br/>Transmit Freq Error 5.608 kHz<br/>OBW Power 99.00 %<br/>x dB Bandwidth 15.06 MHz<br/>x dB -6.00 dB</p> <p>File &lt;BBB.png&gt; saved</p> |



# Mode 4: IEEE 802.11ac 40 MHz Link Mode\_ANT-0

5755 MHz

Agilent Spectrum Analyzer - Occupied BW

Center Freq: 5.755000000 GHz  
 Trig: Free Run  
 #Atten: 20 dB  
 Avg/Hold: >1/1  
 Radio Std: None  
 Radio Device: BTS

Ref Offset 11.4 dB  
 Ref 20.00 dBm

Center 5.755 GHz  
 #Res BW 100 kHz  
 #VBW 300 kHz  
 Span 80 MHz  
 Sweep 7.667 ms

Occupied Bandwidth: 35.913 MHz  
 Total Power: 20.6 dBm  
 Transmit Freq Error: -16.248 kHz  
 OBW Power: 99.00 %  
 x dB Bandwidth: 35.87 MHz  
 x dB: -6.00 dB

Frequency: 5.755000000 GHz  
 CF Step: 8.000000 MHz  
 Freq Offset: 0 Hz

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5795 MHz

Agilent Spectrum Analyzer - Occupied BW

Center Freq: 5.795000000 GHz  
 Trig: Free Run  
 #Atten: 20 dB  
 Avg/Hold: >1/1  
 Radio Std: None  
 Radio Device: BTS

Ref Offset 11.4 dB  
 Ref 20.00 dBm

Center 5.795 GHz  
 #Res BW 100 kHz  
 #VBW 300 kHz  
 Span 80 MHz  
 Sweep 7.667 ms

Occupied Bandwidth: 35.917 MHz  
 Total Power: 21.7 dBm  
 Transmit Freq Error: -20.951 kHz  
 OBW Power: 99.00 %  
 x dB Bandwidth: 35.75 MHz  
 x dB: -6.00 dB

Frequency: 5.795000000 GHz  
 CF Step: 8.000000 MHz  
 Freq Offset: 0 Hz

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The screenshot shows a Spectrum Analyzer interface with the following details:

- Header:** Agilent Spectrum Analyzer - Occupied BW, 01.08.39 AM Jan 17, 2020
- Parameters:** Center Freq: 5.775000000 GHz, Radio Std: None, Radio Device: BTS, Trig: Free Run, #Amen: 20 dB, Avg/Hold: 1/1
- Plot:** Frequency plot showing a signal at 5775 MHz. The y-axis is dBm/Div (0 to -70). The x-axis is frequency (5770 to 5780 MHz). The signal is a flat-topped pulse.
- Measurements:**
  - Ref Offset 11.4 dB, Ref 20.00 dBm
  - Center 5.775 GHz, #Res BW 100 kHz, #VBW 300 kHz, Span 160 MHz, Sweep 15.33 ms
- Summary Table:**

| Occupied Bandwidth  |             | Total Power | 21.9 dBm |
|---------------------|-------------|-------------|----------|
| <b>75.778 MHz</b>   |             |             |          |
| Transmit Freq Error | -70.520 kHz | OBW Power   | 99.00 %  |
| x dB Bandwidth      | 76.62 MHz   | x dB        | -6.00 dB |
- Right Panel:** Frequency, Center Freq 5.775000000 GHz, CF Step 16.000000 MHz, Man, Freq Offset 0 Hz



### Maximum Power Spectral Density Measurement

| Test Mode                        | Mode 2: IEEE 802.11a Continuous TX mode |                     |                         |                    |
|----------------------------------|-----------------------------------------|---------------------|-------------------------|--------------------|
| Conducted power spectral density |                                         |                     |                         |                    |
| Frequency<br>(MHz)               | ANT-0                                   |                     |                         |                    |
|                                  | Measurement<br>(dBm/MHz)                | Duty Factor<br>(dB) | Calculated<br>(dBm/MHz) | Limit<br>(dBm/MHz) |
| 5180.0                           | 3.481                                   | 0.000               | 3.481                   | ≤ 11.00            |
| 5200.0                           | 3.310                                   | 0.000               | 3.310                   |                    |
| 5240.0                           | 3.172                                   | 0.000               | 3.172                   |                    |
| 5260.0                           | 3.941                                   | 0.000               | 3.941                   |                    |
| 5280.0                           | 3.743                                   | 0.000               | 3.743                   |                    |
| 5320.0                           | 3.913                                   | 0.000               | 3.913                   |                    |
| 5500.0                           | 3.593                                   | 0.000               | 3.593                   |                    |
| 5560.0                           | 3.669                                   | 0.000               | 3.669                   |                    |
| 5700.0                           | 4.086                                   | 0.000               | 4.086                   |                    |

Note: Method SA-2, Power density = measured result + 10 log(1/duty cycle) + Conversion ratio = measured result + duty factor.

| Test Mode                        | Mode 2: IEEE 802.11a Continuous TX mode |                     |                             |                        |
|----------------------------------|-----------------------------------------|---------------------|-----------------------------|------------------------|
| Conducted power spectral density |                                         |                     |                             |                        |
| Frequency<br>(MHz)               | ANT-0                                   |                     |                             |                        |
|                                  | Measurement<br>(dBm/100 kHz)            | Duty Factor<br>(dB) | Calculated<br>(dBm/500 kHz) | Limit<br>(dBm/500 kHz) |
| 5745.0                           | -3.053                                  | 0.000               | 3.937                       | ≤ 30                   |
| 5785.0                           | -3.560                                  | 0.000               | 3.430                       |                        |
| 5825.0                           | -3.981                                  | 0.000               | 3.009                       |                        |

Note: Method SA-2, Power density = measured result + 10 log(1/duty cycle) + Conversion ratio = measured result + duty factor.

Conversion ratio = 10\*Log(500 k/100 k)

| Test Mode                        | Mode 3: IEEE 802.11ac 20 MHz Continuous TX mode |                     |                         |                    |
|----------------------------------|-------------------------------------------------|---------------------|-------------------------|--------------------|
| Conducted power spectral density |                                                 |                     |                         |                    |
| Frequency<br>(MHz)               | ANT-0                                           |                     |                         |                    |
|                                  | Measurement<br>(dBm/MHz)                        | Duty Factor<br>(dB) | Calculated<br>(dBm/MHz) | Limit<br>(dBm/MHz) |
| 5180.0                           | 3.523                                           | 0.000               | 3.523                   | ≤ 11.00            |
| 5200.0                           | 3.415                                           | 0.000               | 3.415                   |                    |
| 5240.0                           | 3.020                                           | 0.000               | 3.020                   |                    |
| 5260.0                           | 3.486                                           | 0.000               | 3.486                   |                    |
| 5280.0                           | 3.184                                           | 0.000               | 3.184                   |                    |
| 5320.0                           | 2.682                                           | 0.000               | 2.682                   |                    |
| 5500.0                           | 3.348                                           | 0.000               | 3.348                   |                    |
| 5560.0                           | 3.632                                           | 0.000               | 3.632                   |                    |
| 5700.0                           | 3.716                                           | 0.000               | 3.716                   |                    |

Note: Method SA-2, Power density = measured result + 10 log(1/duty cycle) + Conversion ratio = measured result + duty factor.

|                                  |                                                 |                     |                             |                        |
|----------------------------------|-------------------------------------------------|---------------------|-----------------------------|------------------------|
| Test Mode                        | Mode 3: IEEE 802.11ac 20 MHz Continuous TX mode |                     |                             |                        |
| Conducted power spectral density |                                                 |                     |                             |                        |
| Frequency<br>(MHz)               | ANT-0                                           |                     |                             |                        |
|                                  | Measurement<br>(dBm/100 kHz)                    | Duty Factor<br>(dB) | Calculated<br>(dBm/500 kHz) | Limit<br>(dBm/500 kHz) |
| 5745.0                           | -4.616                                          | 0.000               | 2.374                       | ≤ 30                   |
| 5785.0                           | -4.634                                          | 0.000               | 2.356                       |                        |
| 5825.0                           | -4.931                                          | 0.000               | 2.059                       |                        |

Note: Method SA-2, Power density = measured result + 10 log(1/duty cycle) + Conversion ratio = measured result + duty factor.

Conversion ratio = 10\*Log(500 k/100 k)

| Test Mode                        | Mode 4: IEEE 802.11ac 40 MHz Continuous TX mode |                     |                         |                    |
|----------------------------------|-------------------------------------------------|---------------------|-------------------------|--------------------|
| Conducted power spectral density |                                                 |                     |                         |                    |
| Frequency<br>(MHz)               | ANT-0                                           |                     |                         |                    |
|                                  | Measurement<br>(dBm/MHz)                        | Duty Factor<br>(dB) | Calculated<br>(dBm/MHz) | Limit<br>(dBm/MHz) |
| 5190.0                           | -0.211                                          | 0.000               | -0.211                  | ≤ 11.00            |
| 5230.0                           | -0.355                                          | 0.000               | -0.355                  |                    |
| 5270.0                           | 0.106                                           | 0.000               | 0.106                   |                    |
| 5310.0                           | -0.168                                          | 0.000               | -0.168                  |                    |
| 5510.0                           | -0.070                                          | 0.000               | -0.070                  |                    |
| 5550.0                           | -0.056                                          | 0.000               | -0.056                  |                    |
| 5670.0                           | 0.352                                           | 0.000               | 0.352                   |                    |

Note: Method SA-2, Power density = measured result + 10 log(1/duty cycle) + Conversion ratio = measured result + duty factor.

|                                  |                                                 |                  |                          |                     |
|----------------------------------|-------------------------------------------------|------------------|--------------------------|---------------------|
| Test Mode                        | Mode 4: IEEE 802.11ac 40 MHz Continuous TX mode |                  |                          |                     |
| Conducted power spectral density |                                                 |                  |                          |                     |
| Frequency (MHz)                  | ANT-0                                           |                  |                          |                     |
|                                  | Measurement (dBm/100 kHz)                       | Duty Factor (dB) | Calculated (dBm/500 kHz) | Limit (dBm/500 kHz) |
| 5755.0                           | -6.799                                          | 0.000            | 0.191                    | ≤ 30                |
| 5795.0                           | -6.894                                          | 0.000            | 0.096                    |                     |

Note: Method SA-2, Power density = measured result + 10 log(1/duty cycle) + Conversion ratio = measured result + duty factor.

Conversion ratio = 10\*Log(500 k/100 k)

|                                  |                                                 |                     |                         |                    |
|----------------------------------|-------------------------------------------------|---------------------|-------------------------|--------------------|
| Test Mode                        | Mode 5: IEEE 802.11ac 80 MHz Continuous TX mode |                     |                         |                    |
| Conducted power spectral density |                                                 |                     |                         |                    |
| Frequency<br>(MHz)               | ANT-0                                           |                     |                         |                    |
|                                  | Measurement<br>(dBm/MHz)                        | Duty Factor<br>(dB) | Calculated<br>(dBm/MHz) | Limit<br>(dBm/MHz) |
| 5210.0                           | -8.212                                          | 0.000               | -8.212                  | ≤ 11.00            |
| 5290.0                           | -7.644                                          | 0.000               | -7.644                  |                    |
| 5530.0                           | -4.369                                          | 0.000               | -4.369                  |                    |

Note: Method SA-2, Power density = measured result + 10 log(1/duty cycle) + Conversion ratio = measured result + duty factor.

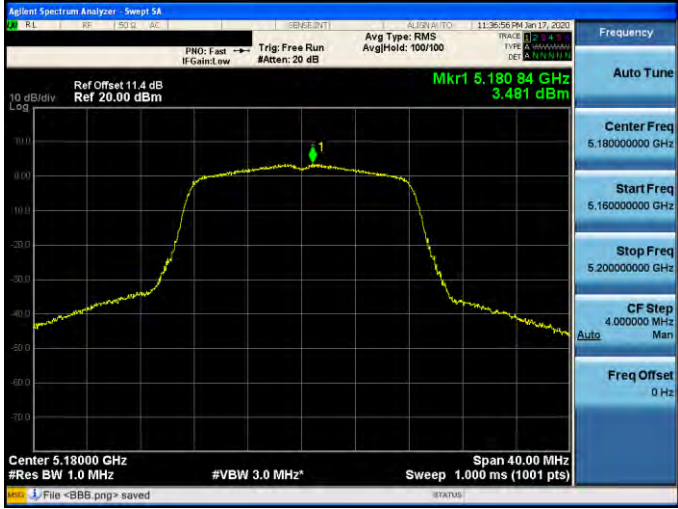
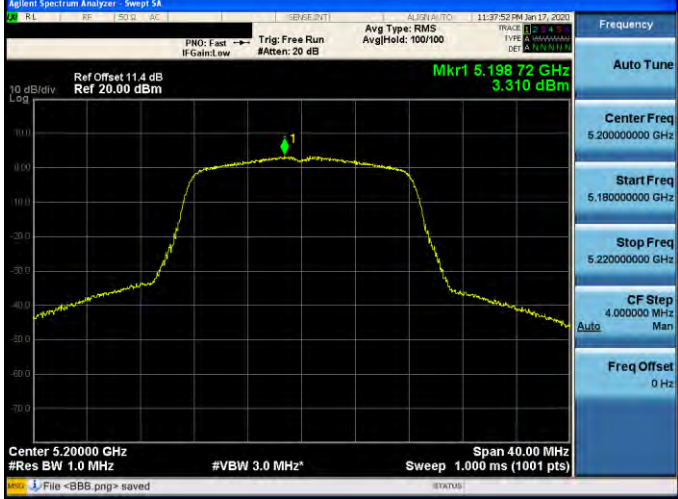
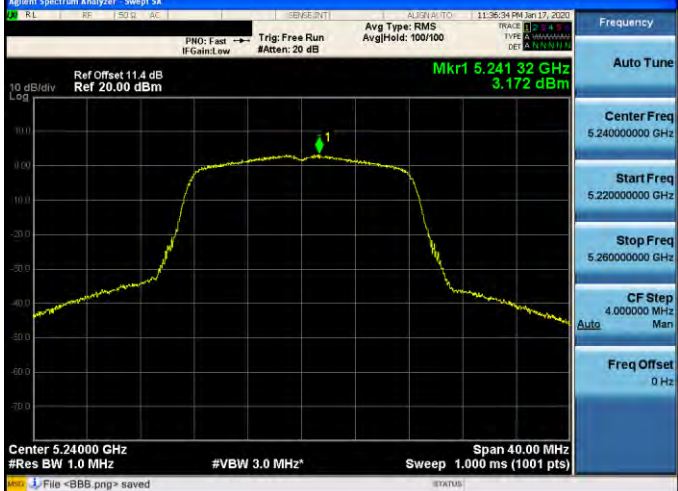
|                                  |                                                 |                     |                             |                        |
|----------------------------------|-------------------------------------------------|---------------------|-----------------------------|------------------------|
| Test Mode                        | Mode 5: IEEE 802.11ac 80 MHz Continuous TX mode |                     |                             |                        |
| Conducted power spectral density |                                                 |                     |                             |                        |
| Frequency<br>(MHz)               | ANT-0                                           |                     |                             |                        |
|                                  | Measurement<br>(dBm/100 kHz)                    | Duty Factor<br>(dB) | Calculated<br>(dBm/500 kHz) | Limit<br>(dBm/500 kHz) |
| 5775.0                           | -13.159                                         | 0.000               | -6.169                      | ≤ 30                   |

Note: Method SA-2, Power density = measured result + 10 log(1/duty cycle) + Conversion ratio = measured result + duty factor.

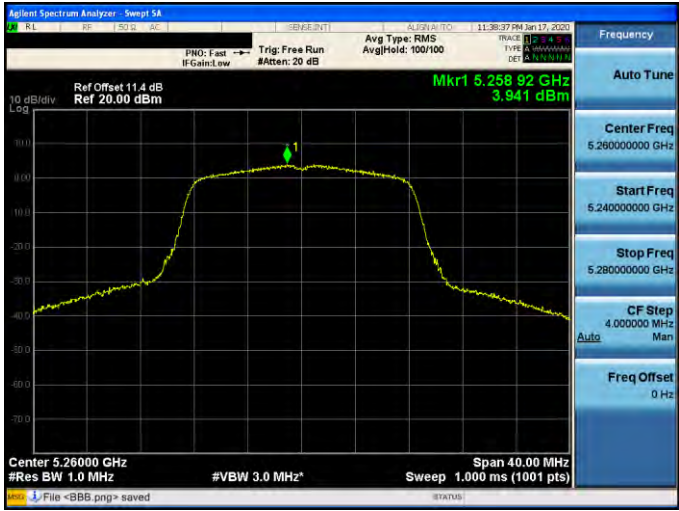
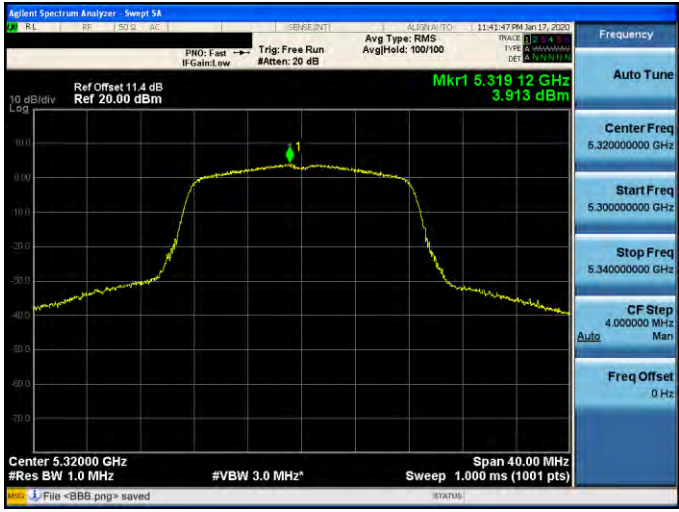
Conversion ratio = 10\*Log(500 k/100 k)



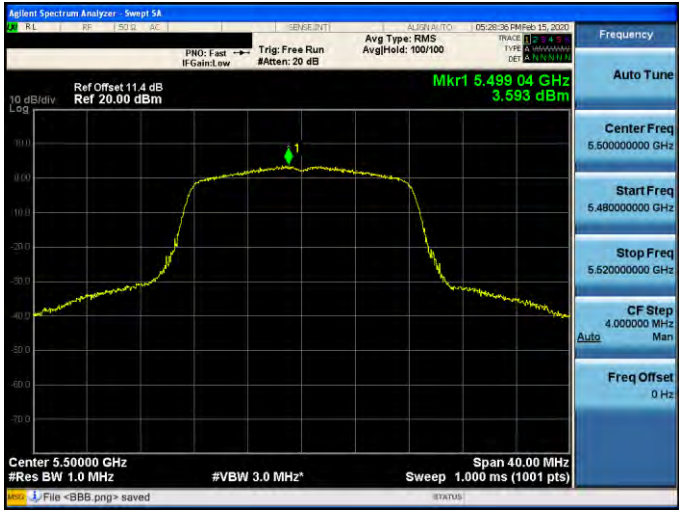
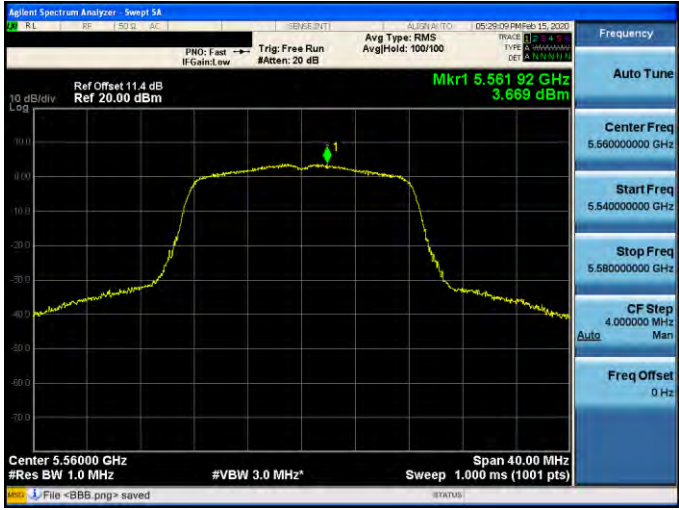
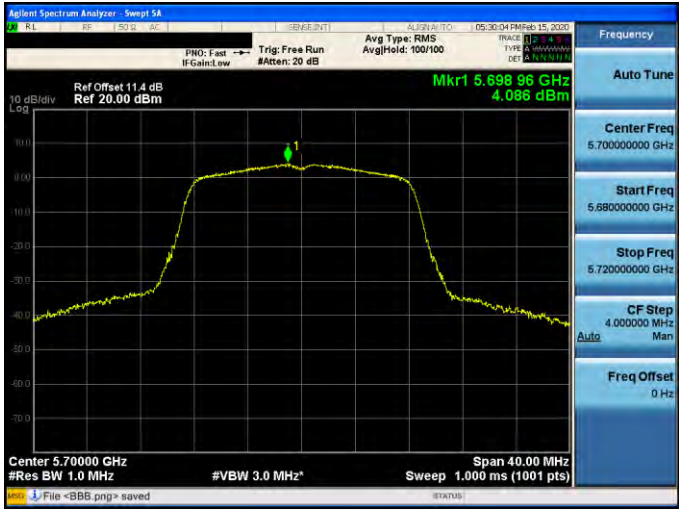
■ Test Graphs

|                                                |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |
|------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Mode 2: IEEE 802.11a Continuous TX mode_ ANT-0 |  <p>Agilent Spectrum Analyzer: Sweep 1A</p> <p>Ref Offset 11.4 dB<br/>Ref 20.00 dBm</p> <p>Mkr1 5.180 84 GHz<br/>3.481 dBm</p> <p>Center 5.18000 GHz<br/>#Res BW 1.0 MHz<br/>#VBW 3.0 MHz*<br/>Span 40.00 MHz<br/>Sweep 1.000 ms (1001 pts)</p> <p>File &lt;BBB.png&gt; saved</p> <p>Frequency</p> <p>Auto Tune</p> <p>Center Freq<br/>5.18000000 GHz</p> <p>Start Freq<br/>5.16000000 GHz</p> <p>Stop Freq<br/>5.20000000 GHz</p> <p>CF Step<br/>4.000000 MHz<br/>Auto</p> <p>Freq Offset<br/>0 Hz</p>   |
| 5200 MHz                                       |  <p>Agilent Spectrum Analyzer: Sweep 1A</p> <p>Ref Offset 11.4 dB<br/>Ref 20.00 dBm</p> <p>Mkr1 5.198 72 GHz<br/>3.310 dBm</p> <p>Center 5.20000 GHz<br/>#Res BW 1.0 MHz<br/>#VBW 3.0 MHz*<br/>Span 40.00 MHz<br/>Sweep 1.000 ms (1001 pts)</p> <p>File &lt;BBB.png&gt; saved</p> <p>Frequency</p> <p>Auto Tune</p> <p>Center Freq<br/>5.20000000 GHz</p> <p>Start Freq<br/>5.18000000 GHz</p> <p>Stop Freq<br/>5.22000000 GHz</p> <p>CF Step<br/>4.000000 MHz<br/>Auto</p> <p>Freq Offset<br/>0 Hz</p>  |
| 5240 MHz                                       |  <p>Agilent Spectrum Analyzer: Sweep 1A</p> <p>Ref Offset 11.4 dB<br/>Ref 20.00 dBm</p> <p>Mkr1 5.241 32 GHz<br/>3.172 dBm</p> <p>Center 5.24000 GHz<br/>#Res BW 1.0 MHz<br/>#VBW 3.0 MHz*<br/>Span 40.00 MHz<br/>Sweep 1.000 ms (1001 pts)</p> <p>File &lt;BBB.png&gt; saved</p> <p>Frequency</p> <p>Auto Tune</p> <p>Center Freq<br/>5.24000000 GHz</p> <p>Start Freq<br/>5.22000000 GHz</p> <p>Stop Freq<br/>5.26000000 GHz</p> <p>CF Step<br/>4.000000 MHz<br/>Auto</p> <p>Freq Offset<br/>0 Hz</p> |

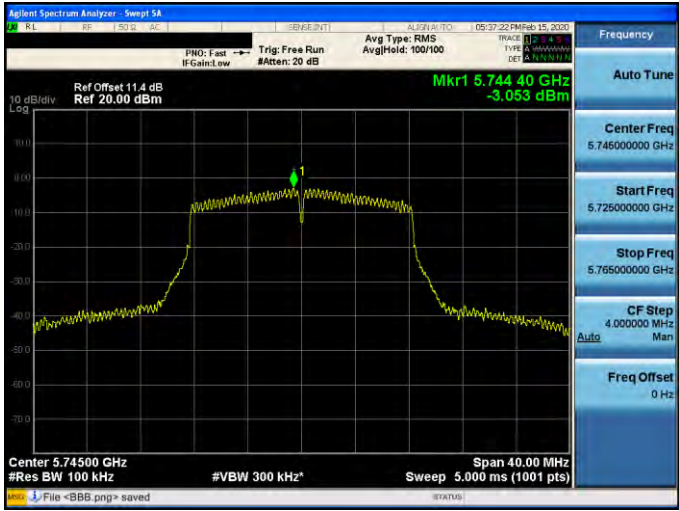
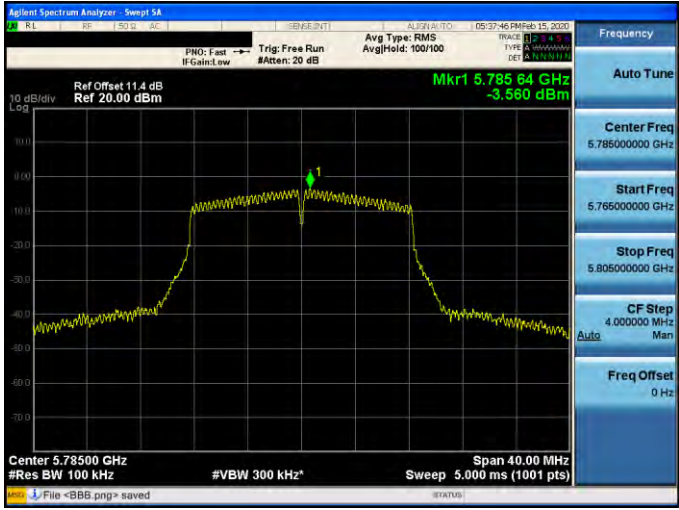
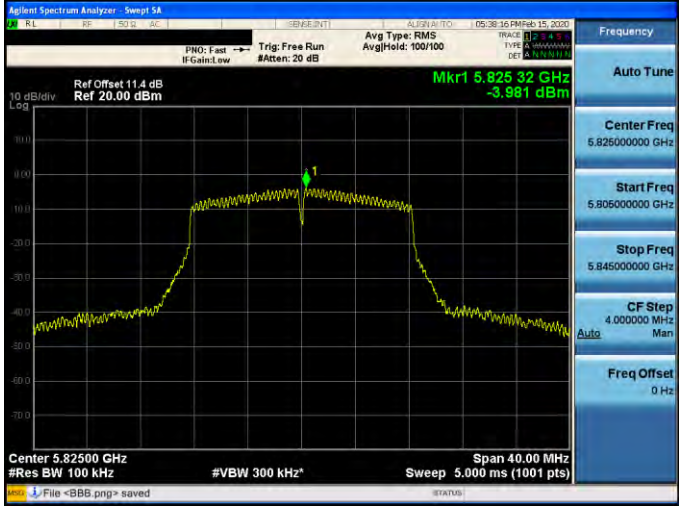


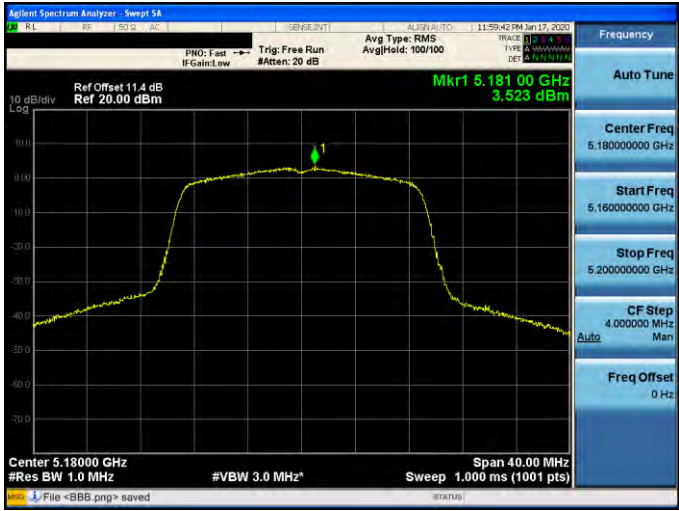
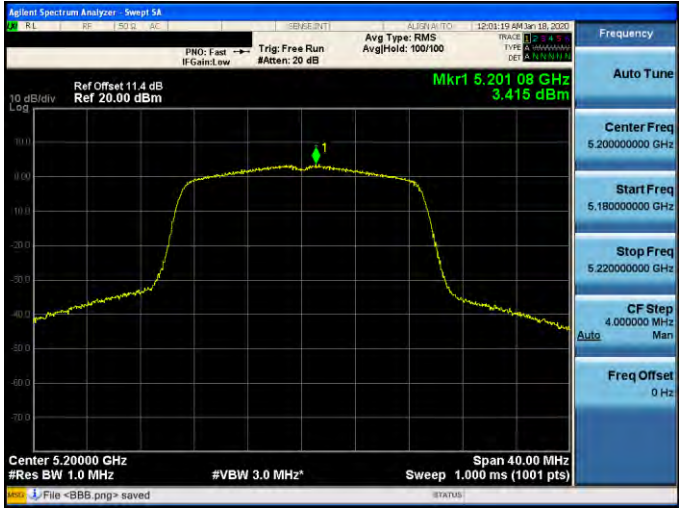
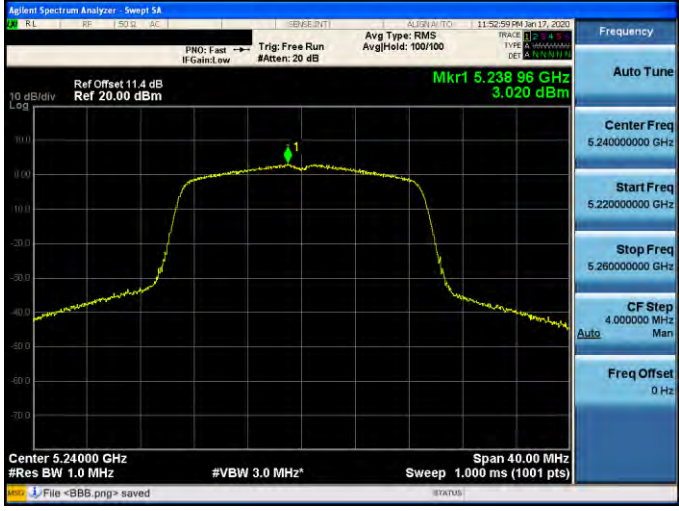
| Mode 2: IEEE 802.11a Continuous TX mode_ ANT-0 |                                                                                      |
|------------------------------------------------|--------------------------------------------------------------------------------------|
| 5260 MHz                                       |    |
| 5280 MHz                                       |   |
| 5320 MHz                                       |  |



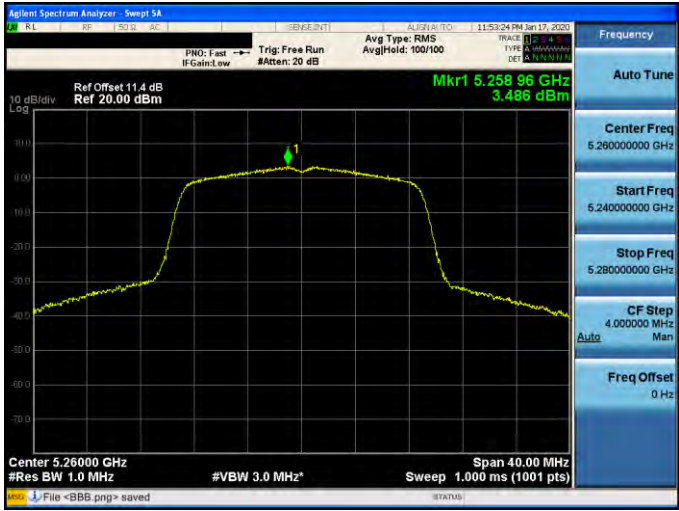
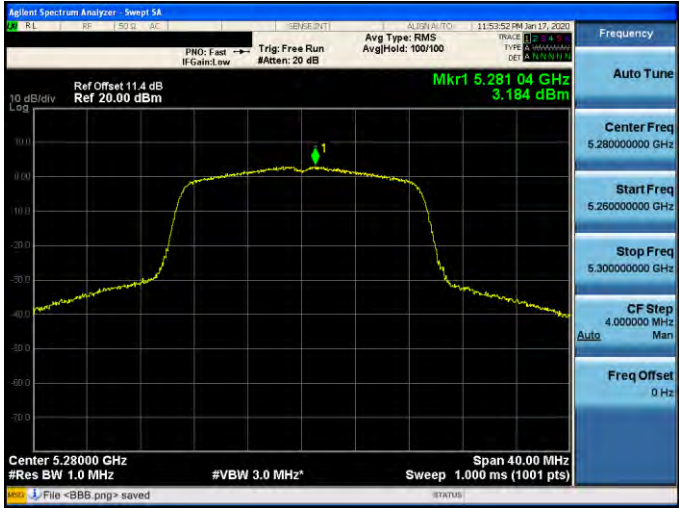
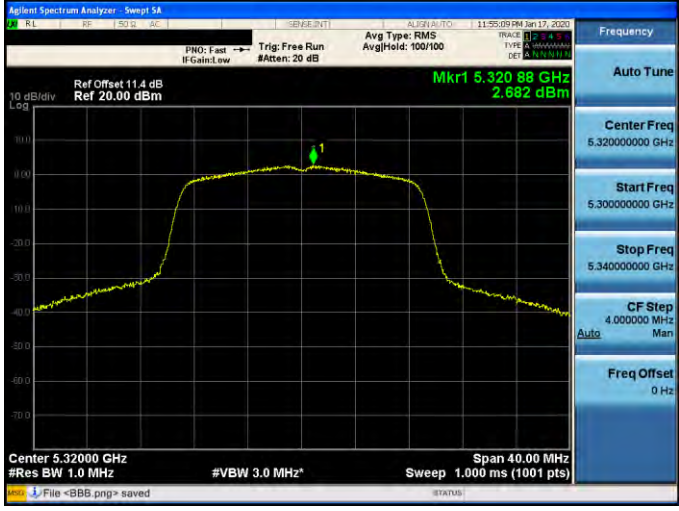
|                                                |                                                                                      |
|------------------------------------------------|--------------------------------------------------------------------------------------|
| Mode 2: IEEE 802.11a Continuous TX mode_ ANT-0 |                                                                                      |
| 5500 MHz                                       |    |
| 5560 MHz                                       |   |
| 5700 MHz                                       |  |



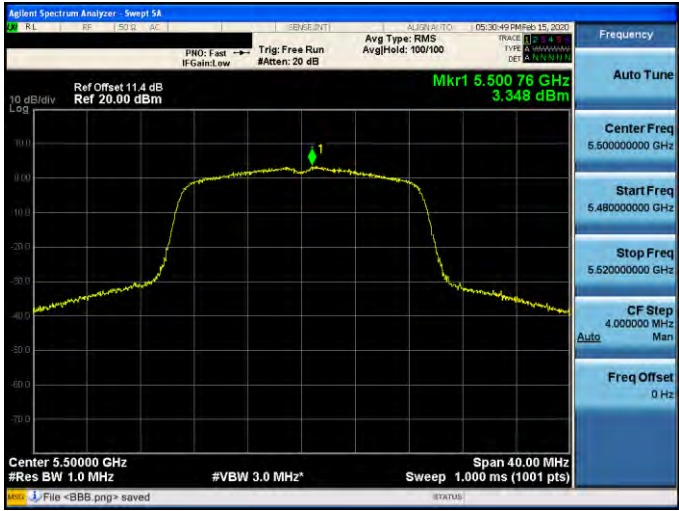
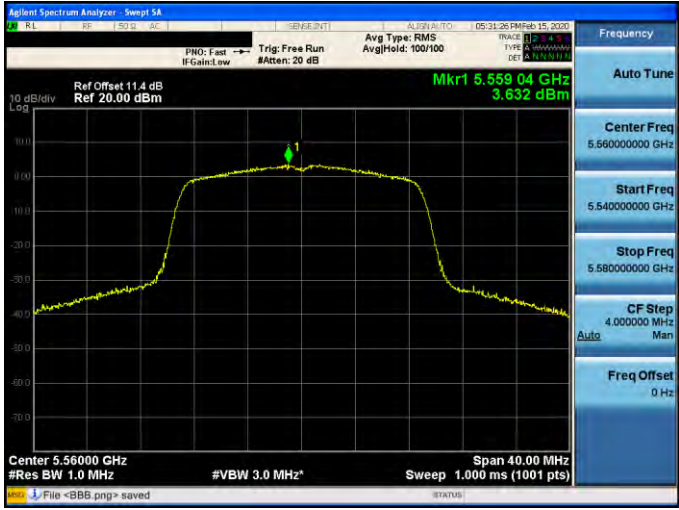
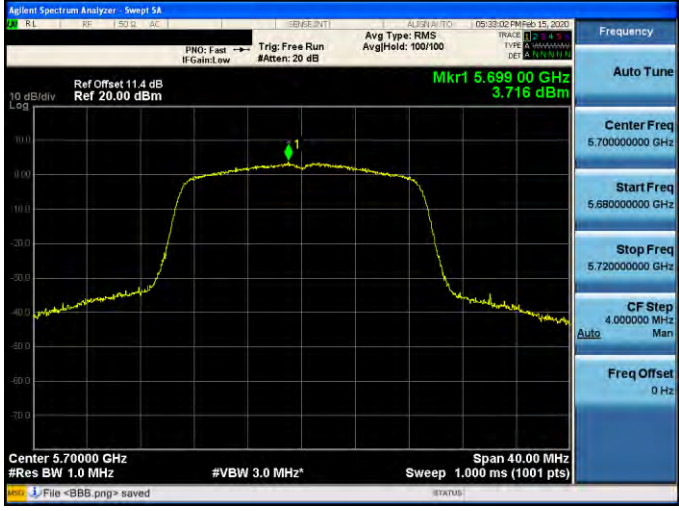
|                                                |                                                                                      |
|------------------------------------------------|--------------------------------------------------------------------------------------|
| Mode 2: IEEE 802.11a Continuous TX mode_ ANT-0 |                                                                                      |
| 5745 MHz                                       |    |
| 5785 MHz                                       |   |
| 5825 MHz                                       |  |

| Mode 3: IEEE 802.11ac 20 MHz Continuous TX mode _ ANT-0 |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |
|---------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 5180 MHz                                                |  <p>Agilent Spectrum Analyzer: Sweep 1A</p> <p>Ref Offset 11.4 dB<br/>Ref 20.00 dBm</p> <p>Mkr1 5.181 00 GHz<br/>3.523 dBm</p> <p>Center 5.180000 GHz<br/>#Res BW 1.0 MHz<br/>#VBW 3.0 MHz*<br/>Span 40.00 MHz<br/>Sweep 1.000 ms (1001 pts)</p> <p>File &lt;BBB.png&gt; saved</p> <p>Frequency</p> <p>Auto Tune</p> <p>Center Freq<br/>5.180000000 GHz</p> <p>Start Freq<br/>5.160000000 GHz</p> <p>Stop Freq<br/>5.200000000 GHz</p> <p>CF Step<br/>4.000000 MHz<br/>Auto</p> <p>Freq Offset<br/>0 Hz</p>   |
| 5200 MHz                                                |  <p>Agilent Spectrum Analyzer: Sweep 1A</p> <p>Ref Offset 11.4 dB<br/>Ref 20.00 dBm</p> <p>Mkr1 5.201 08 GHz<br/>3.415 dBm</p> <p>Center 5.200000 GHz<br/>#Res BW 1.0 MHz<br/>#VBW 3.0 MHz*<br/>Span 40.00 MHz<br/>Sweep 1.000 ms (1001 pts)</p> <p>File &lt;BBB.png&gt; saved</p> <p>Frequency</p> <p>Auto Tune</p> <p>Center Freq<br/>5.200000000 GHz</p> <p>Start Freq<br/>5.180000000 GHz</p> <p>Stop Freq<br/>5.220000000 GHz</p> <p>CF Step<br/>4.000000 MHz<br/>Auto</p> <p>Freq Offset<br/>0 Hz</p>  |
| 5240 MHz                                                |  <p>Agilent Spectrum Analyzer: Sweep 1A</p> <p>Ref Offset 11.4 dB<br/>Ref 20.00 dBm</p> <p>Mkr1 5.238 96 GHz<br/>3.020 dBm</p> <p>Center 5.240000 GHz<br/>#Res BW 1.0 MHz<br/>#VBW 3.0 MHz*<br/>Span 40.00 MHz<br/>Sweep 1.000 ms (1001 pts)</p> <p>File &lt;BBB.png&gt; saved</p> <p>Frequency</p> <p>Auto Tune</p> <p>Center Freq<br/>5.240000000 GHz</p> <p>Start Freq<br/>5.220000000 GHz</p> <p>Stop Freq<br/>5.260000000 GHz</p> <p>CF Step<br/>4.000000 MHz<br/>Auto</p> <p>Freq Offset<br/>0 Hz</p> |



| Mode 3: IEEE 802.11ac 20 MHz Continuous TX mode _ ANT-0 |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |
|---------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 5260 MHz                                                |  <p>Agilent Spectrum Analyzer: Sweep 1A</p> <p>Ref Offset 11.4 dB<br/>Ref 20.00 dBm</p> <p>Mkr1 5.258 96 GHz<br/>3.486 dBm</p> <p>Center 5.26000 GHz<br/>#Res BW 1.0 MHz<br/>#VBW 3.0 MHz*<br/>Span 40.00 MHz<br/>Sweep 1.000 ms (1001 pts)</p> <p>File &lt;888.png&gt; saved</p> <p>Frequency</p> <p>Auto Tune</p> <p>Center Freq<br/>5.260000000 GHz</p> <p>Start Freq<br/>5.240000000 GHz</p> <p>Stop Freq<br/>5.280000000 GHz</p> <p>CF Step<br/>4.000000 MHz<br/>Auto</p> <p>Freq Offset<br/>0 Hz</p>   |
| 5280 MHz                                                |  <p>Agilent Spectrum Analyzer: Sweep 1A</p> <p>Ref Offset 11.4 dB<br/>Ref 20.00 dBm</p> <p>Mkr1 5.281 04 GHz<br/>3.184 dBm</p> <p>Center 5.28000 GHz<br/>#Res BW 1.0 MHz<br/>#VBW 3.0 MHz*<br/>Span 40.00 MHz<br/>Sweep 1.000 ms (1001 pts)</p> <p>File &lt;888.png&gt; saved</p> <p>Frequency</p> <p>Auto Tune</p> <p>Center Freq<br/>5.280000000 GHz</p> <p>Start Freq<br/>5.260000000 GHz</p> <p>Stop Freq<br/>5.300000000 GHz</p> <p>CF Step<br/>4.000000 MHz<br/>Auto</p> <p>Freq Offset<br/>0 Hz</p>  |
| 5320 MHz                                                |  <p>Agilent Spectrum Analyzer: Sweep 1A</p> <p>Ref Offset 11.4 dB<br/>Ref 20.00 dBm</p> <p>Mkr1 5.320 88 GHz<br/>2.682 dBm</p> <p>Center 5.32000 GHz<br/>#Res BW 1.0 MHz<br/>#VBW 3.0 MHz*<br/>Span 40.00 MHz<br/>Sweep 1.000 ms (1001 pts)</p> <p>File &lt;888.png&gt; saved</p> <p>Frequency</p> <p>Auto Tune</p> <p>Center Freq<br/>5.320000000 GHz</p> <p>Start Freq<br/>5.300000000 GHz</p> <p>Stop Freq<br/>5.340000000 GHz</p> <p>CF Step<br/>4.000000 MHz<br/>Auto</p> <p>Freq Offset<br/>0 Hz</p> |



| Mode 3: IEEE 802.11ac 20 MHz Continuous TX mode _ ANT-0 |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |
|---------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 5500 MHz                                                |  <p>Agilent Spectrum Analyzer: Sweep 1A</p> <p>Ref Offset 11.4 dB<br/>Ref 20.00 dBm</p> <p>Mkr1 5.500 76 GHz<br/>3.348 dBm</p> <p>Center 5.50000 GHz<br/>#Res BW 1.0 MHz<br/>#VBW 3.0 MHz*<br/>Span 40.00 MHz<br/>Sweep 1.000 ms (1001 pts)</p> <p>File &lt;BBB.png&gt; saved</p> <p>Frequency</p> <p>Auto Tune</p> <p>Center Freq<br/>5.50000000 GHz</p> <p>Start Freq<br/>5.48000000 GHz</p> <p>Stop Freq<br/>5.52000000 GHz</p> <p>CF Step<br/>4.000000 MHz<br/>Auto Man</p> <p>Freq Offset<br/>0 Hz</p>   |
| 5560 MHz                                                |  <p>Agilent Spectrum Analyzer: Sweep 1A</p> <p>Ref Offset 11.4 dB<br/>Ref 20.00 dBm</p> <p>Mkr1 5.559 04 GHz<br/>3.632 dBm</p> <p>Center 5.56000 GHz<br/>#Res BW 1.0 MHz<br/>#VBW 3.0 MHz*<br/>Span 40.00 MHz<br/>Sweep 1.000 ms (1001 pts)</p> <p>File &lt;BBB.png&gt; saved</p> <p>Frequency</p> <p>Auto Tune</p> <p>Center Freq<br/>5.56000000 GHz</p> <p>Start Freq<br/>5.54000000 GHz</p> <p>Stop Freq<br/>5.58000000 GHz</p> <p>CF Step<br/>4.000000 MHz<br/>Auto Man</p> <p>Freq Offset<br/>0 Hz</p>  |
| 5700 MHz                                                |  <p>Agilent Spectrum Analyzer: Sweep 1A</p> <p>Ref Offset 11.4 dB<br/>Ref 20.00 dBm</p> <p>Mkr1 5.699 00 GHz<br/>3.716 dBm</p> <p>Center 5.70000 GHz<br/>#Res BW 1.0 MHz<br/>#VBW 3.0 MHz*<br/>Span 40.00 MHz<br/>Sweep 1.000 ms (1001 pts)</p> <p>File &lt;BBB.png&gt; saved</p> <p>Frequency</p> <p>Auto Tune</p> <p>Center Freq<br/>5.70000000 GHz</p> <p>Start Freq<br/>5.68000000 GHz</p> <p>Stop Freq<br/>5.72000000 GHz</p> <p>CF Step<br/>4.000000 MHz<br/>Auto Man</p> <p>Freq Offset<br/>0 Hz</p> |



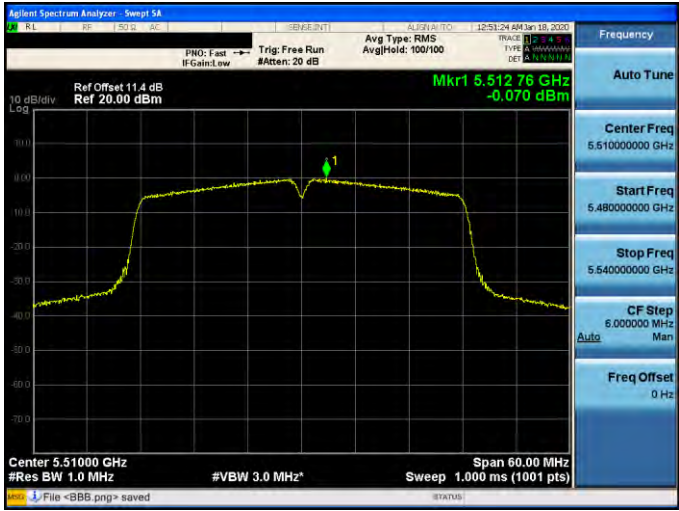
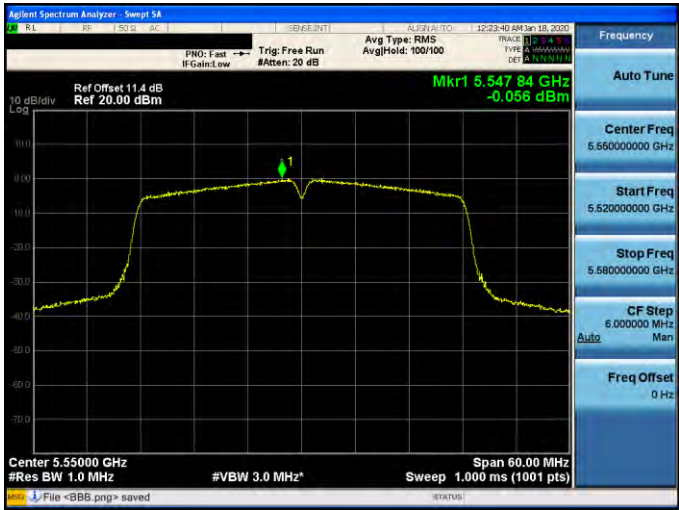
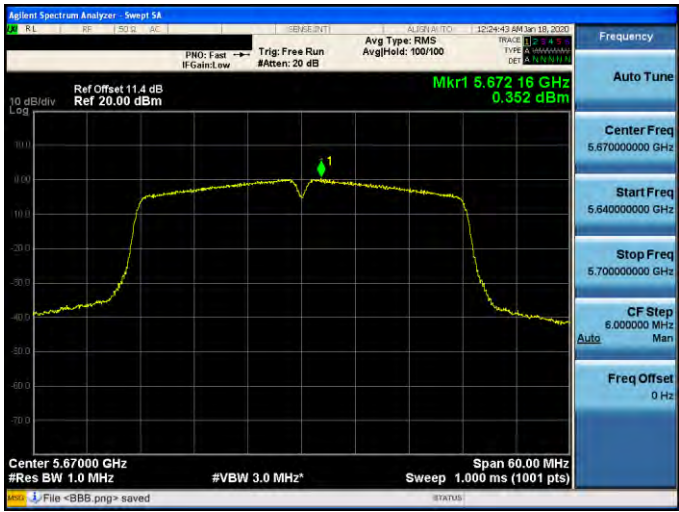
|                                                         |  |
|---------------------------------------------------------|--|
| Mode 3: IEEE 802.11ac 20 MHz Continuous TX mode _ ANT-0 |  |
| 5745 MHz                                                |  |
| 5785 MHz                                                |  |
| 5825 MHz                                                |  |



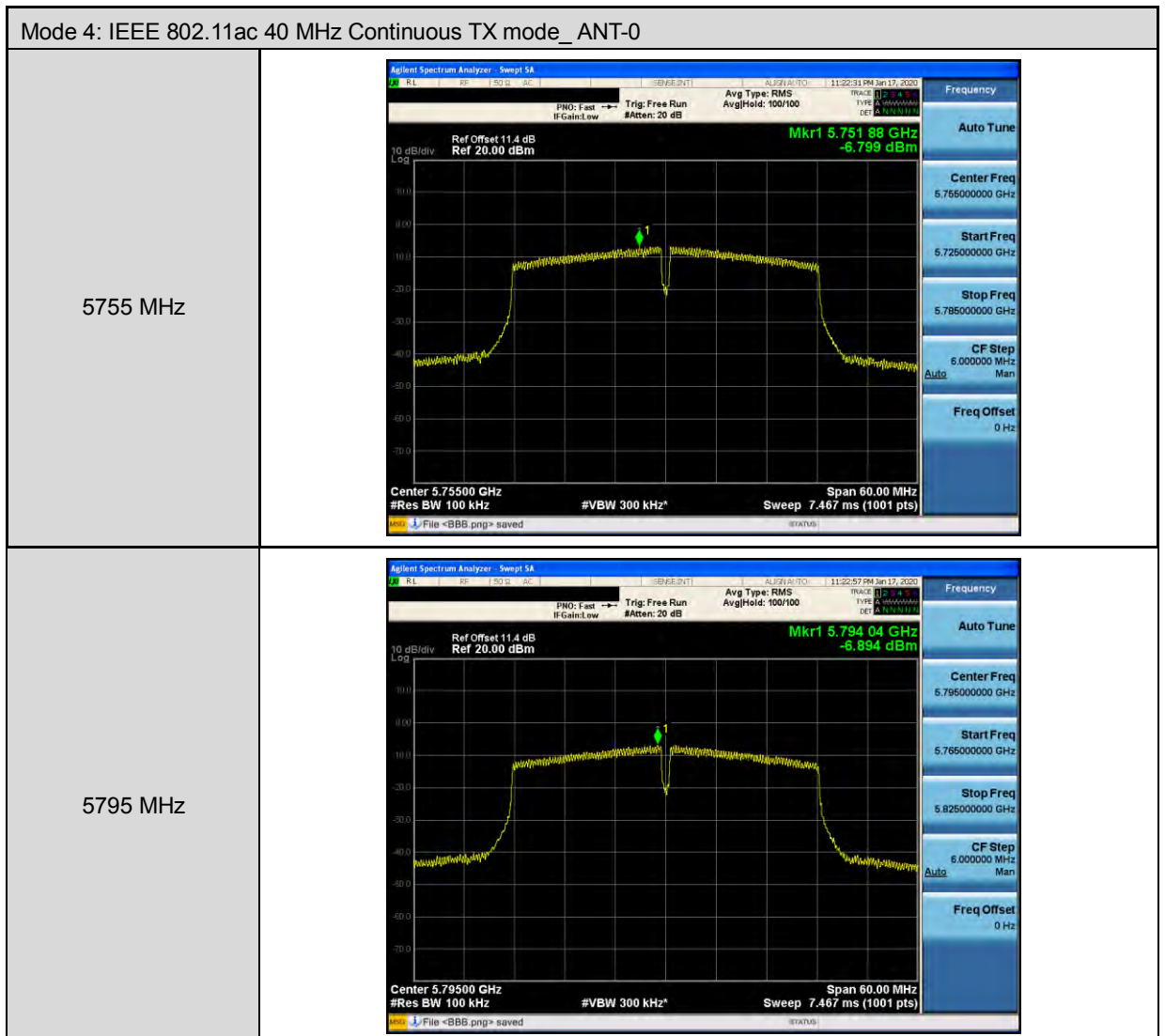






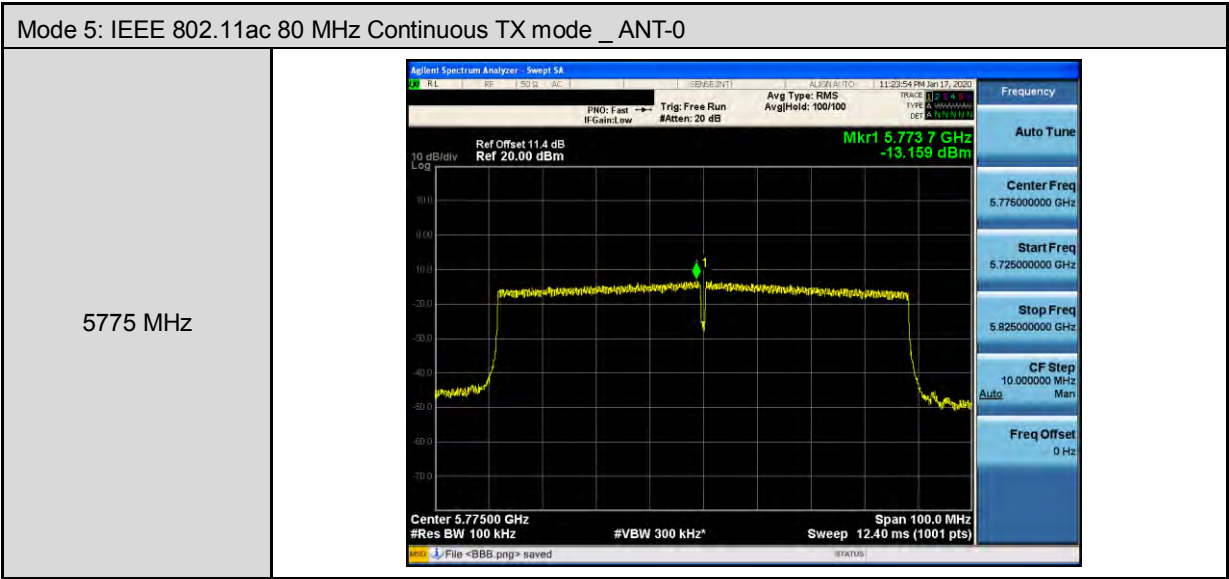
|                                                        |                                                                                      |
|--------------------------------------------------------|--------------------------------------------------------------------------------------|
| Mode 4: IEEE 802.11ac 40 MHz Continuous TX mode_ ANT-0 |                                                                                      |
| 5510 MHz                                               |    |
| 5550 MHz                                               |   |
| 5670 MHz                                               |  |







| Mode 5: IEEE 802.11ac 80 MHz Continuous TX mode _ ANT-0 |                                                                                      |
|---------------------------------------------------------|--------------------------------------------------------------------------------------|
| 5210 MHz                                                |    |
| 5290 MHz                                                |   |
| 5530 MHz                                                |  |



--- END---