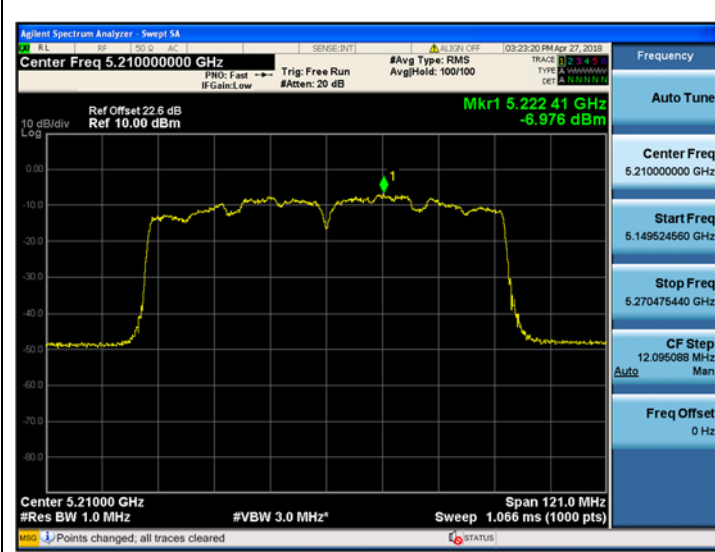
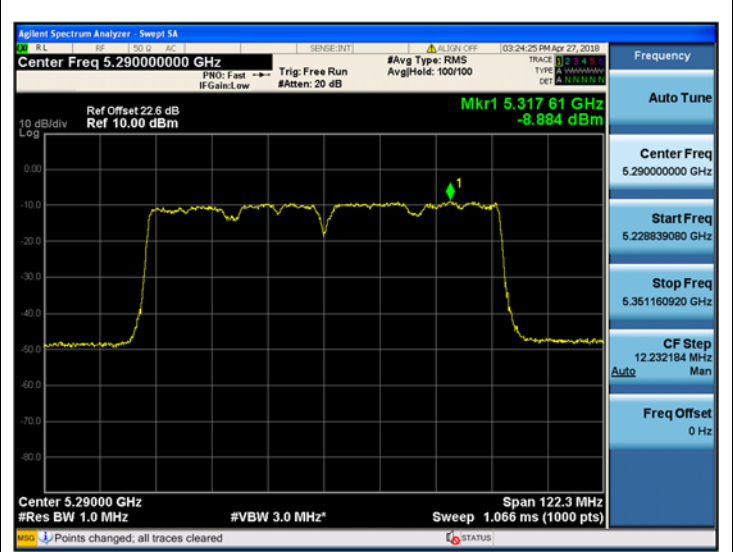


TEST Plot for 802.11ac\_VHT80\_Ant.0

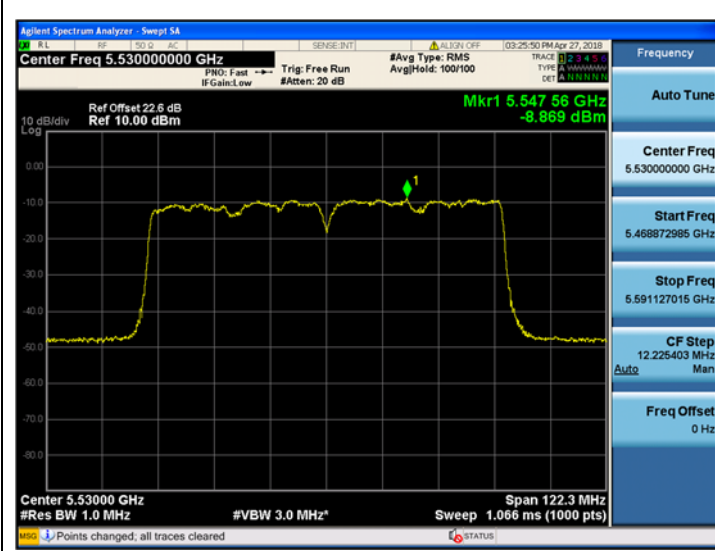
802.11ac\_VHT80 UNII 1 BAND PSD CH 42



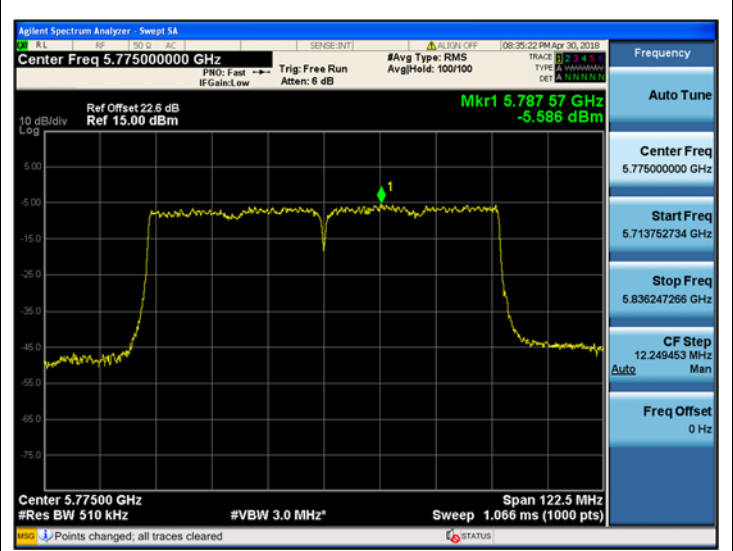
802.11ac\_VHT80 UNII 2A BAND PSD CH 58



802.11ac\_VHT80 UNII 2C BAND PSD CH 106

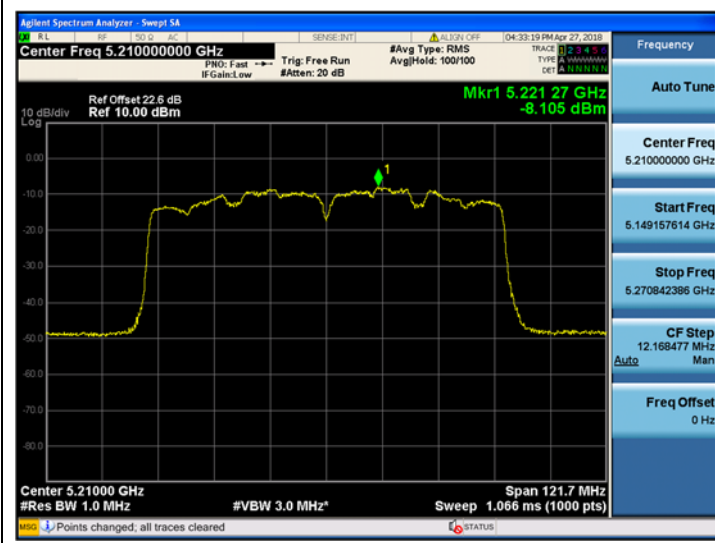


802.11ac\_VHT80 UNII 3 BAND PSD CH 155

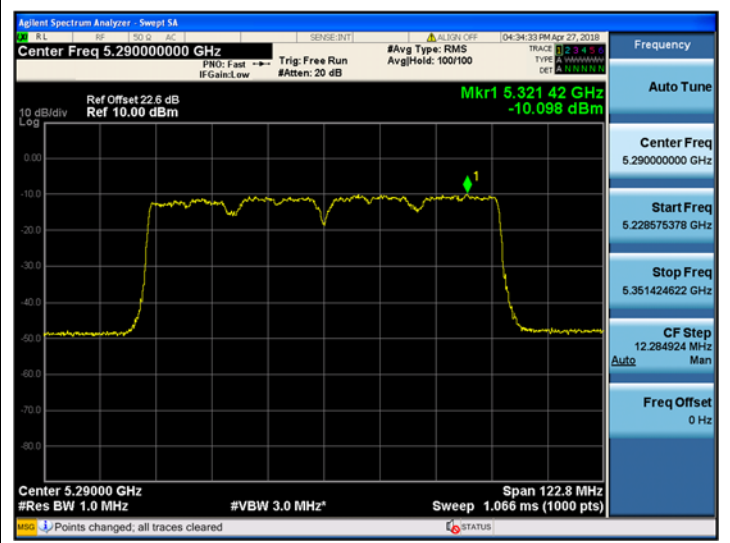


TEST Plot for 802.11ac\_VHT80\_Ant.1

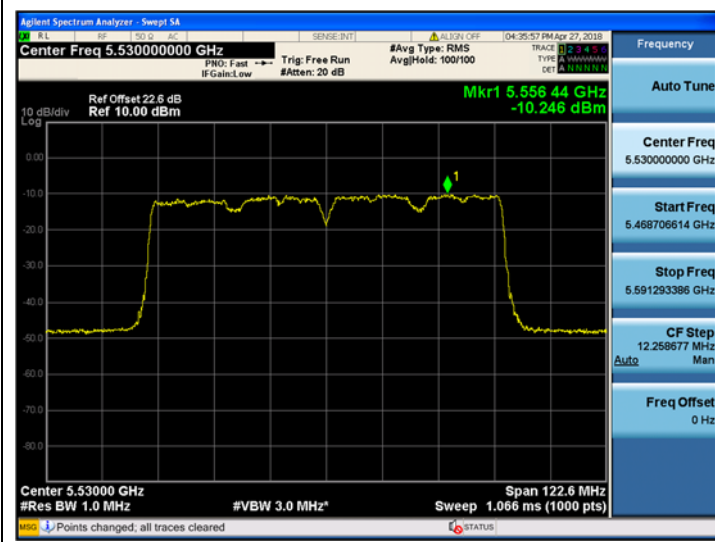
802.11ac\_VHT80 UNII 1 BAND PSD CH 42



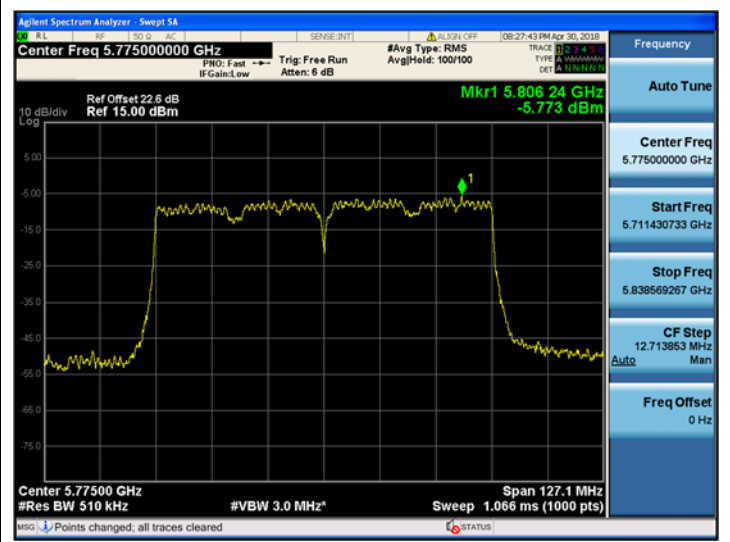
802.11ac\_VHT80 UNII 2A BAND PSD CH 58



802.11ac\_VHT80 UNII 2C BAND PSD CH 106

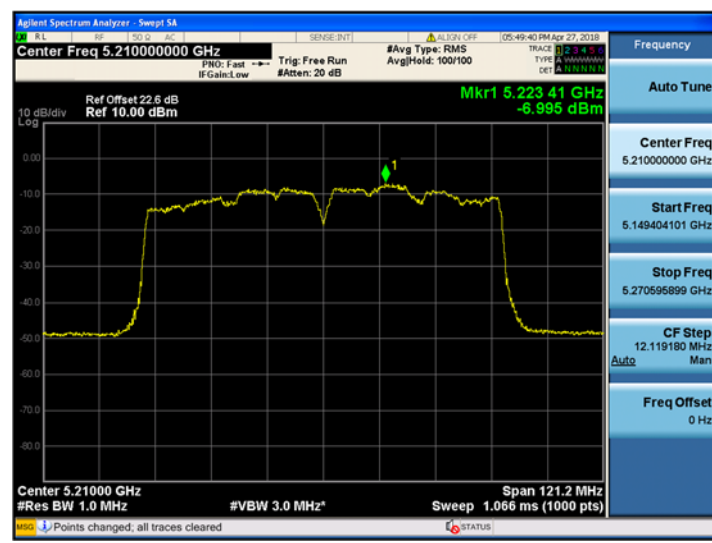


802.11ac\_VHT80 UNII 3 BAND PSD CH 155

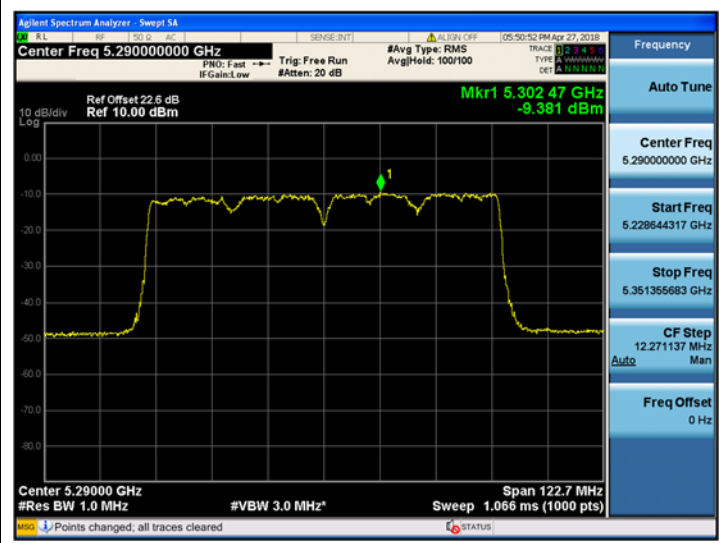


TEST Plot for 802.11ac\_VHT80\_Ant.2

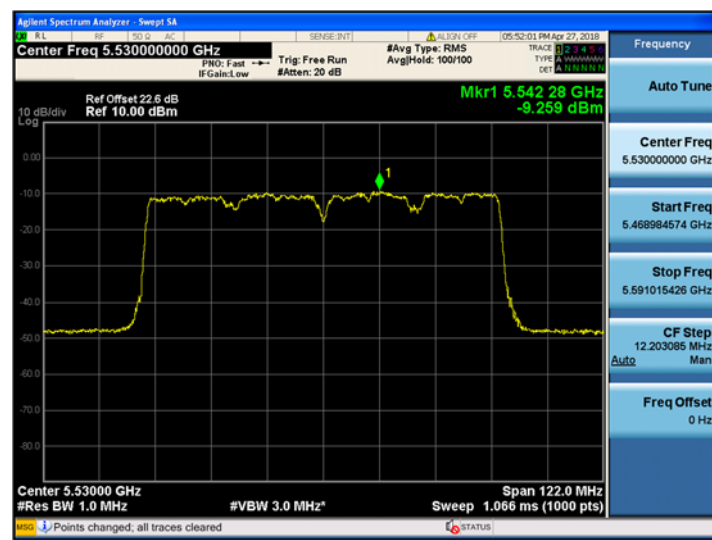
802.11ac\_VHT80 UNII 1 BAND PSD CH 42



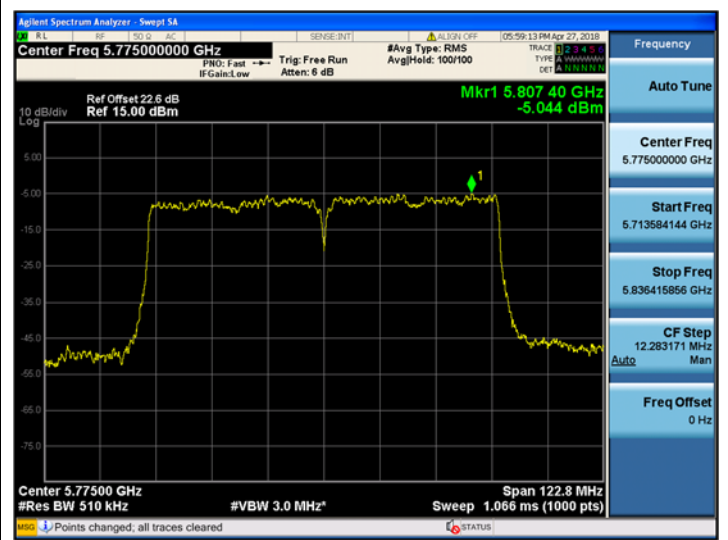
802.11ac\_VHT80 UNII 2A BAND PSD CH 58



802.11ac\_VHT80 UNII 2C BAND PSD CH 106



802.11ac\_VHT80 UNII 3 BAND PSD CH 155

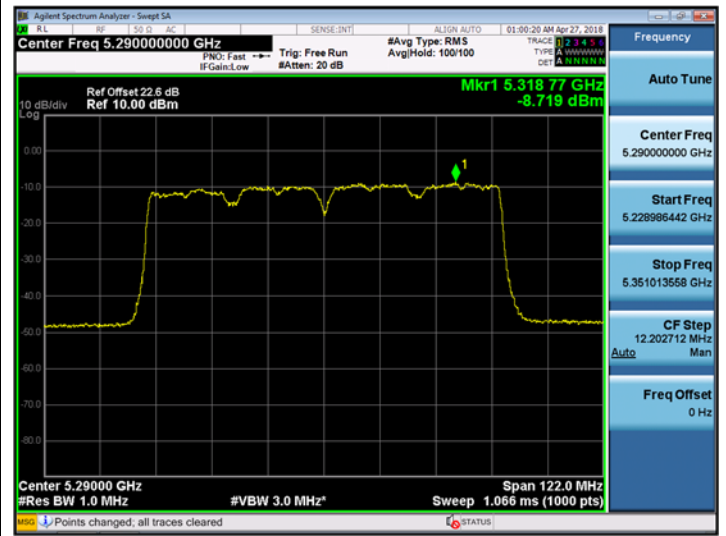


TEST Plot for 802.11ac\_VHT80\_Ant.3

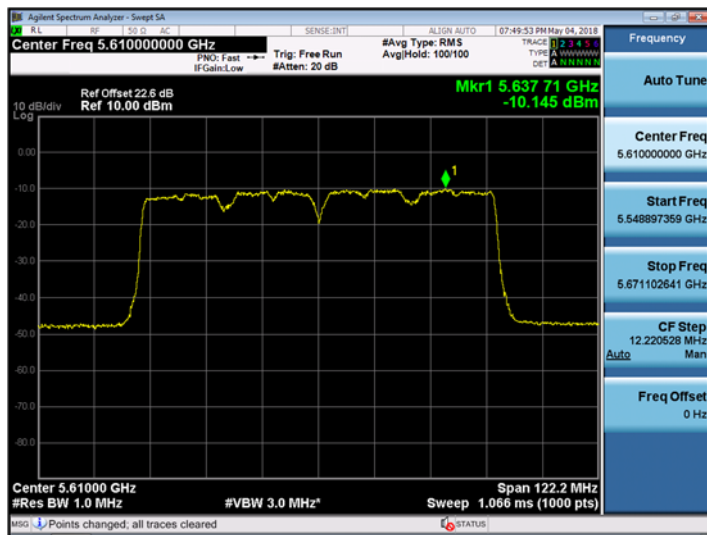
802.11ac\_VHT80 UNII 1 BAND PSD CH 42



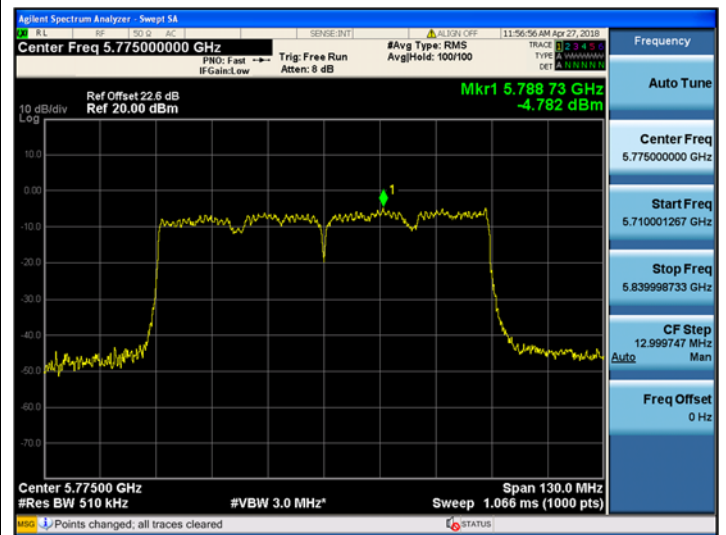
802.11ac\_VHT80 UNII 2A BAND PSD CH 58



802.11ac\_VHT80 UNII 2C BAND PSD CH 122



802.11ac\_VHT80 UNII 3 BAND PSD CH 155



**Ant.0, 2**

**■ TEST RESULTS**

**Conducted Power Density Measurements**

| Frequency (MHz) | Channel No. | Mode                | Test Result                  |                        |   |             |           |
|-----------------|-------------|---------------------|------------------------------|------------------------|---|-------------|-----------|
|                 |             |                     | Measured Power Density (dBm) | Duty Cycle Factor (dB) | Measured Power Density(dBm) + Duty Cycle Factor | Limit (dBm) | Pass/Fail |
| 5210            | 42          | 802.11ac<br>_VHT160 | -8.664                       | 0.974                  | -7.690  | 16.51       | Pass      |
| 5290            | 58          |                     | -8.714                       | 0.974                  | -7.740  | 10.20       | Pass      |
| 5530            | 106         |                     | -9.109                       | 1.644                  | -7.465  | 10.52       | Pass      |
| 5610            | 122         |                     | -9.611                       | 1.644                  | -7.967  |             | Pass      |

**Ant.1, 3**

**■ TEST RESULTS**

**Conducted Power Density Measurements**

| Frequency (MHz) | Channel No. | Mode                | Test Result                  |                        |   |             |           |
|-----------------|-------------|---------------------|------------------------------|------------------------|---|-------------|-----------|
|                 |             |                     | Measured Power Density (dBm) | Duty Cycle Factor (dB) | Measured Power Density(dBm) + Duty Cycle Factor | Limit (dBm) | Pass/Fail |
| 5210            | 42          | 802.11ac<br>_VHT160 | -10.000                      | 1.644                  | -8.356  | 16.51       | Pass      |
| 5290            | 58          |                     | -8.283                       | 1.644                  | -6.639  | 10.20       | Pass      |
| 5530            | 106         |                     | -9.973                       | 1.378                  | -8.595  | 10.52       | Pass      |
| 5610            | 122         |                     | -10.051                      | 1.498                  | -8.553  |             | Pass      |

■ Sum Data of Ant.0, 2 and Ant.1, 3

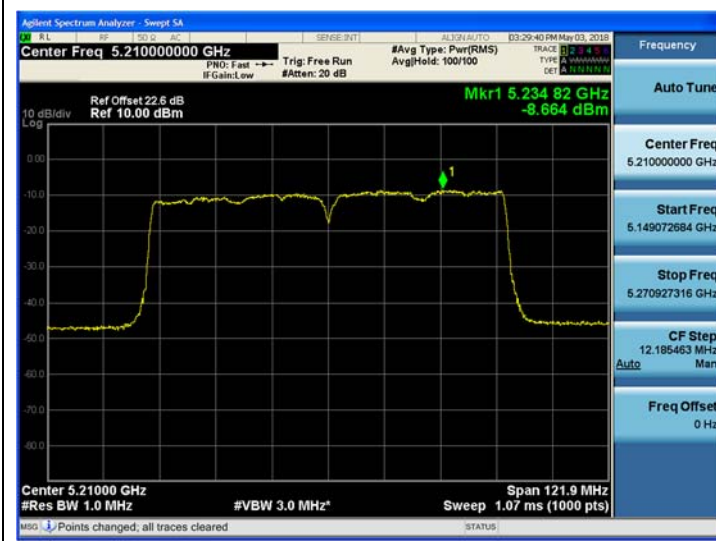
■ TEST RESULTS

Conducted Power Density Measurements

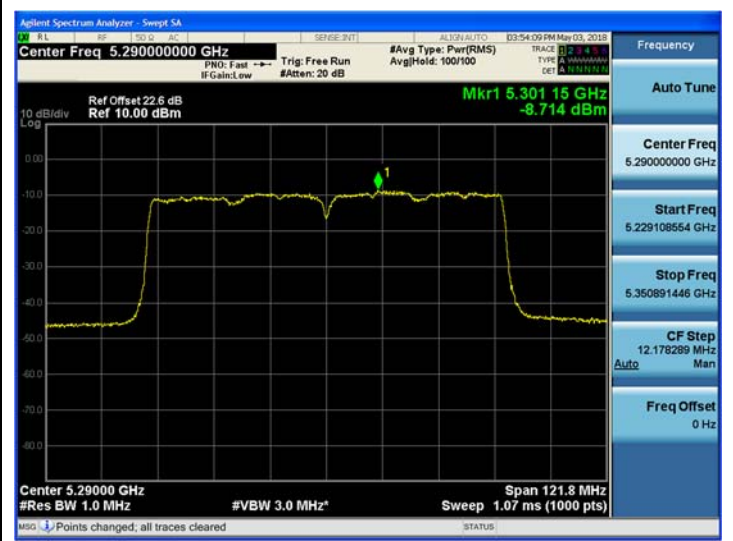
| Frequency (MHz) | Channel No. | Mode                | Test Result                  |                        |   |             |           |
|-----------------|-------------|---------------------|------------------------------|------------------------|---|-------------|-----------|
|                 |             |                     | Measured Power Density (dBm) | Duty Cycle Factor (dB) | Measured Power Density(dBm) + Duty Cycle Factor | Limit (dBm) | Pass/Fail |
| 5210            | 42          | 802.11ac<br>_VHT160 | -5.006                       | 0.463                  | -4.54   | 10.49       | Pass      |
| 5290            | 58          |                     | -4.162                       | 0.463                  | -3.70   | 4.18        | Pass      |
| 5530            | 106         |                     | -5.001                       | 0.463                  | -4.54   | 4.50        | Pass      |
| 5610            | 122         |                     | -5.245                       | 0.463                  | -4.78   |             | Pass      |

TEST Plot for 802.11ac\_VHT160\_Ant.0, 2

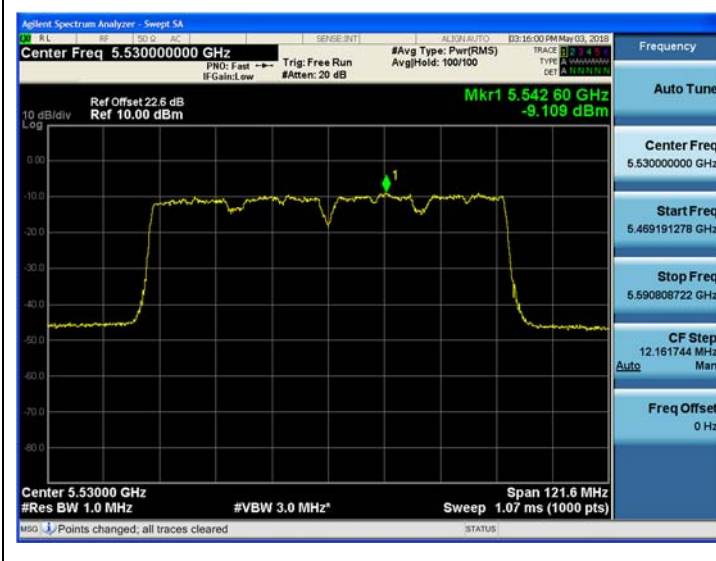
802.11ac\_VHT160 PSD CH 42



802.11ac\_VHT160 PSD CH 58



802.11ac\_VHT160 PSD CH 106

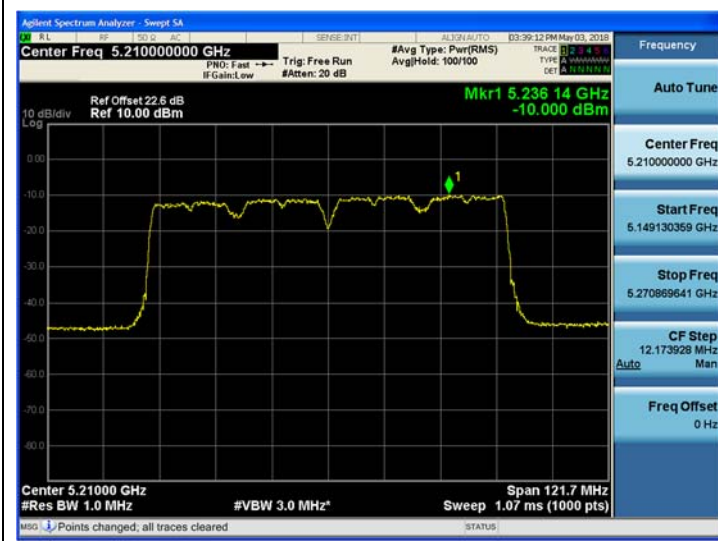


802.11ac\_VHT160 PSD CH 122

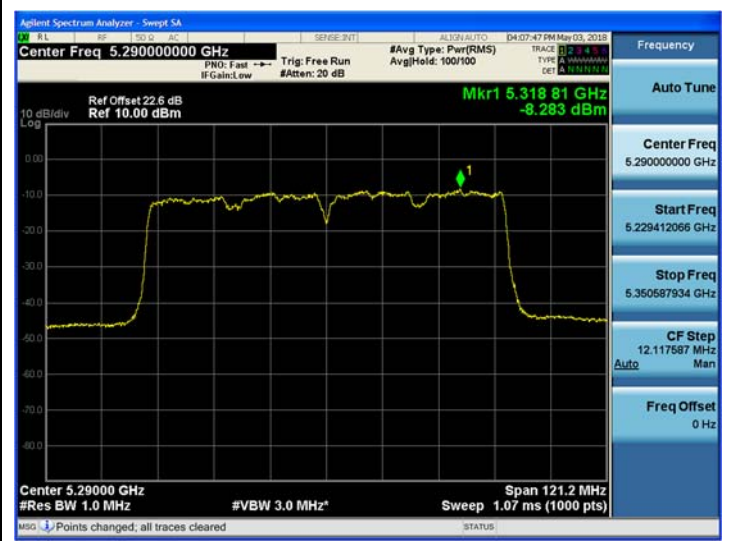


TEST Plot for 802.11ac\_VHT160\_Ant.1, 3

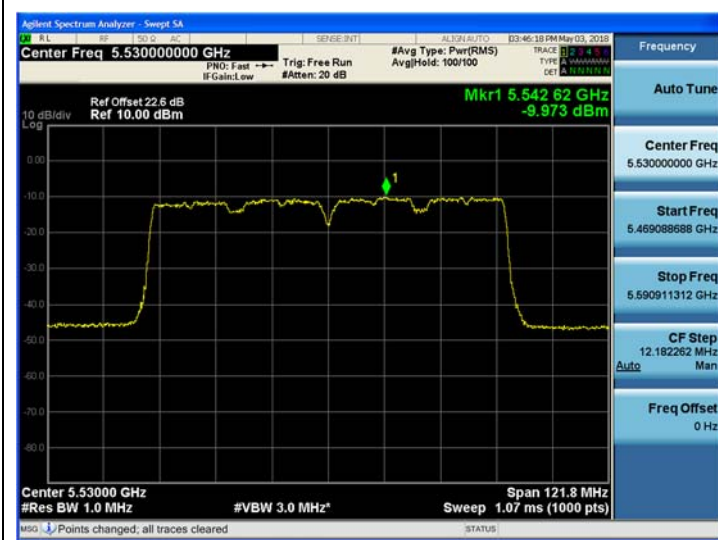
802.11ac\_VHT160 PSD CH 42



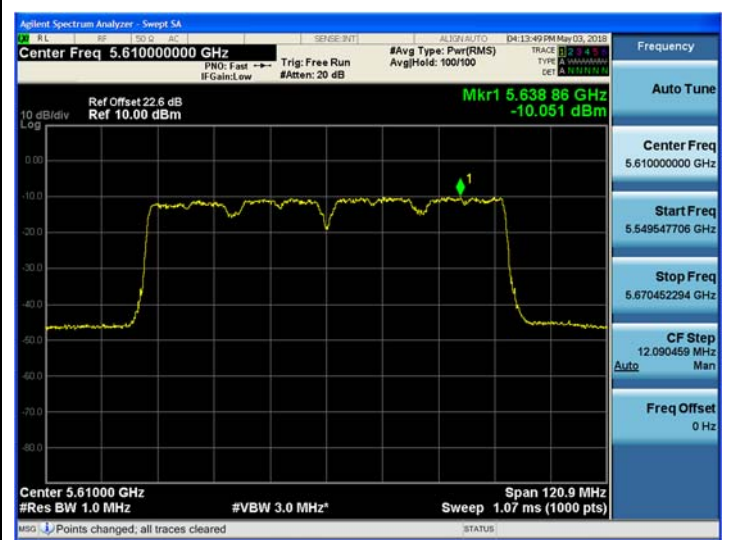
802.11ac\_VHT160 PSD CH 58



802.11ac\_VHT160 PSD CH 106



802.11ac\_VHT160 PSD CH 122





**Straddle channels TEST RESULTS for 802.11a/n\_HT20/ac\_VHT20\_Ant 0**

**Conducted Power Density Measurements (UNII 2C Band 5720MHz)**

| Frequency (MHz) | Channel No. | Mode     | Test Result                  |                        |   |             |           |
|-----------------|-------------|----------|------------------------------|------------------------|---|-------------|-----------|
|                 |             |          | Measured Power Density (dBm) | Duty Cycle Factor (dB) | Measured Power Density(dBm) + Duty Cycle Factor | Limit (dBm) | Pass/Fail |
| 5720            | 144         | 802.11a  | -3.590                       | 0.220                  | -3.370  | 10.52       | Pass      |
|                 |             | 802.11n  | -3.753                       | 0.393                  | -3.360  | 10.52       | Pass      |
|                 |             | 802.11ac | -3.786                       | 0.578                  | -3.208  | 10.52       | Pass      |

**Conducted Power Density Measurements (UNII 3 Band 5720MHz)**

| Frequency (MHz) | Channel No. | Mode     | Test Result                  |                        |   |             |           |
|-----------------|-------------|----------|------------------------------|------------------------|---|-------------|-----------|
|                 |             |          | Measured Power Density (dBm) | Duty Cycle Factor (dB) | Measured Power Density(dBm) + Duty Cycle Factor | Limit (dBm) | Pass/Fail |
| 5720            | 144         | 802.11a  | -6.935                       | 0.220                  | -6.715  | 29.52       | Pass      |
|                 |             | 802.11n  | -7.017                       | 0.393                  | -6.624  | 29.52       | Pass      |
|                 |             | 802.11ac | -6.678                       | 0.578                  | -6.100  | 29.52       | Pass      |

▣ Straddle channels TEST Plot for 802.11a/n\_HT20/ac\_VHT20\_Ant 0

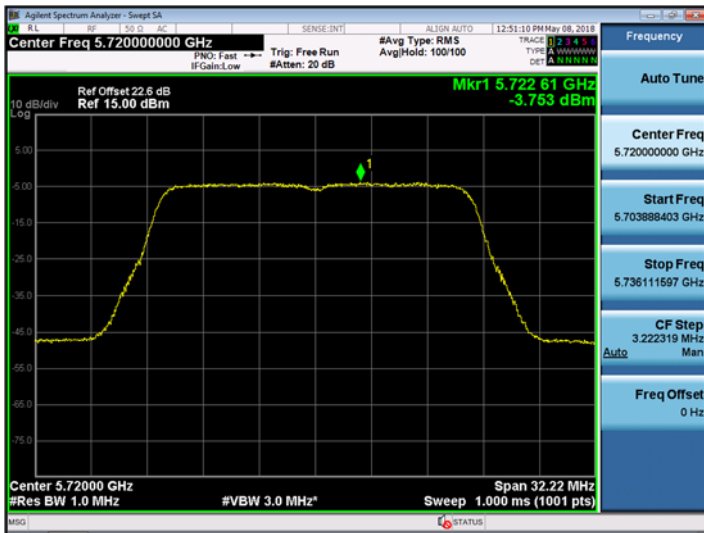
802.11a UNII 2C Band PSD CH.144



802.11a UNII 3 Band PSD CH.144



802.11n\_HT20 UNII 2C Band PSD CH.144



802.11n\_HT20 UNII 3 Band PSD CH.144



**802.11ac\_VHT20 UNII 2C Band PSD CH.144**



**802.11ac\_VHT20 UNII 3 Band PSD CH.144**



▣ **Straddle channels TEST RESULTS for 802.11a/n\_HT20/ac\_VHT20\_Ant 1**

**Conducted Power Density Measurements (UNII 2C Band 5720MHz)**

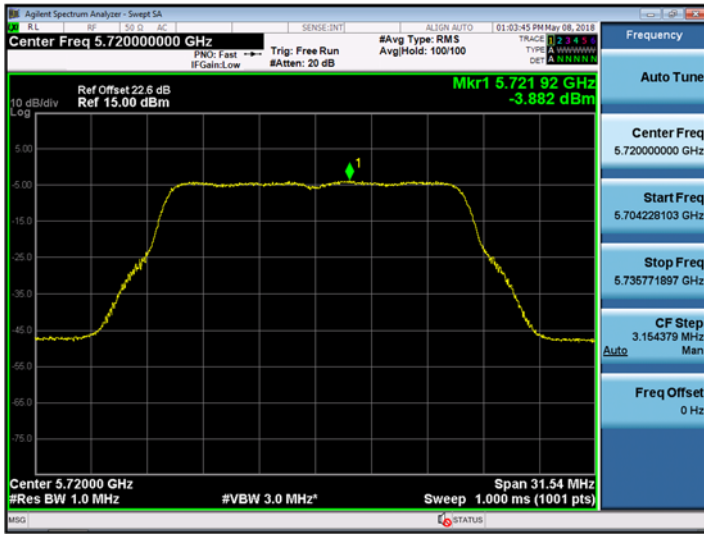
| Frequency (MHz) | Channel No. | Mode     | Test Result                  |                        |   |             |           |
|-----------------|-------------|----------|------------------------------|------------------------|---|-------------|-----------|
|                 |             |          | Measured Power Density (dBm) | Duty Cycle Factor (dB) | Measured Power Density(dBm) + Duty Cycle Factor | Limit (dBm) | Pass/Fail |
| 5720            | 144         | 802.11a  | -3.882                       | 0.388                  | -3.494  | 10.52       | Pass      |
|                 |             | 802.11n  | -4.326                       | 0.418                  | -3.908  | 10.52       | Pass      |
|                 |             | 802.11ac | -3.875                       | 0.578                  | -3.297  | 10.52       | Pass      |

**Conducted Power Density Measurements (UNII 3 Band 5720MHz)**

| Frequency (MHz) | Channel No. | Mode     | Test Result                  |                        |   |             |           |
|-----------------|-------------|----------|------------------------------|------------------------|---|-------------|-----------|
|                 |             |          | Measured Power Density (dBm) | Duty Cycle Factor (dB) | Measured Power Density(dBm) + Duty Cycle Factor | Limit (dBm) | Pass/Fail |
| 5720            | 144         | 802.11a  | -6.769                       | 0.388                  | -6.381  | 29.52       | Pass      |
|                 |             | 802.11n  | -6.912                       | 0.418                  | -6.494  | 29.52       | Pass      |
|                 |             | 802.11ac | -6.931                       | 0.578                  | -6.353  | 29.52       | Pass      |

**Straddle channels TEST Plot for 802.11a/n\_HT20/ac\_VHT20\_Ant 1**

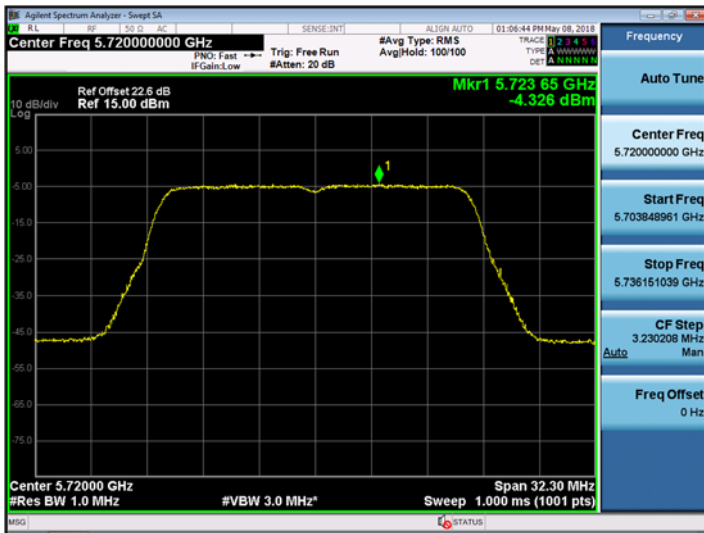
**802.11a UNII 2C Band PSD CH.144**



**802.11a UNII 3 Band PSD CH.144**



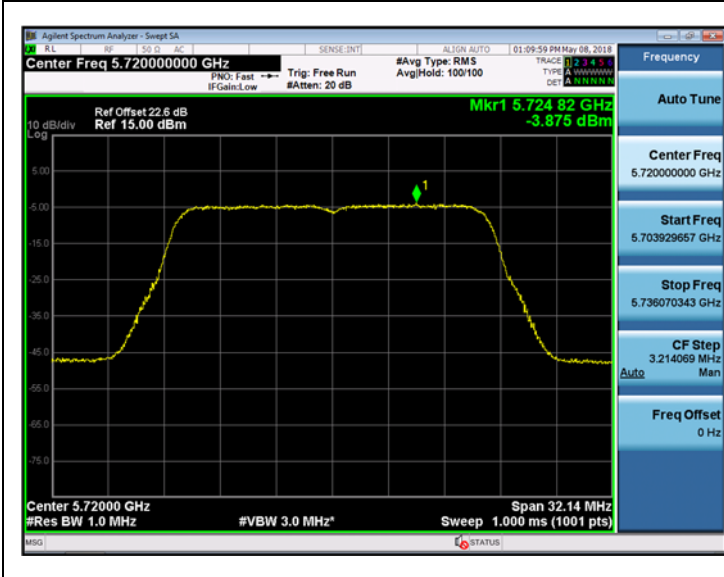
**802.11n\_HT20 UNII 2C Band PSD CH.144**



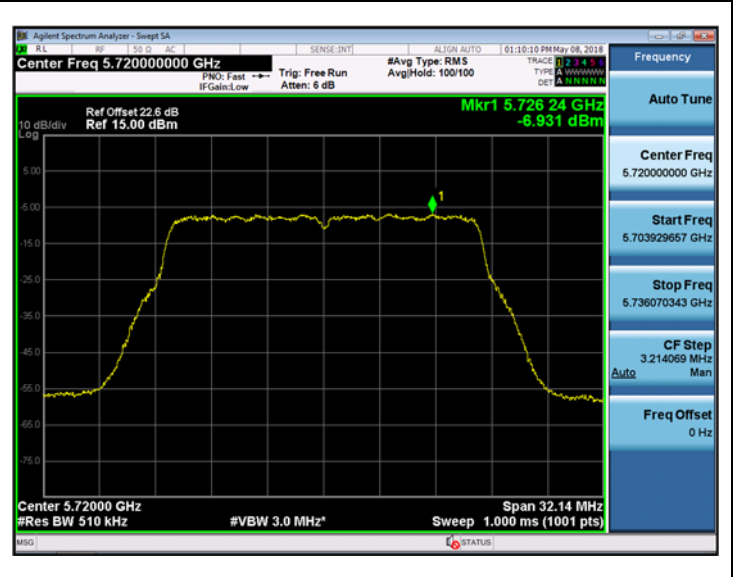
**802.11n\_HT20 UNII 3 Band PSD CH.144**



**802.11ac\_VHT20 UNII 2C Band PSD CH.144**



**802.11ac\_VHT20 UNII 3 Band PSD CH.144**



**▣ Straddle channels TEST RESULTS for 802.11a/n\_HT20/ac\_VHT20\_Ant 2**

**Conducted Power Density Measurements (UNII 2C Band 5720MHz)**

| Frequency (MHz) | Channel No. | Mode     | Test Result                  |                        |   |             |           |
|-----------------|-------------|----------|------------------------------|------------------------|---|-------------|-----------|
|                 |             |          | Measured Power Density (dBm) | Duty Cycle Factor (dB) | Measured Power Density(dBm) + Duty Cycle Factor | Limit (dBm) | Pass/Fail |
| 5720            | 144         | 802.11a  | -3.758                       | 0.358                  | -3.400  | 10.52       | Pass      |
|                 |             | 802.11n  | -4.155                       | 0.418                  | -3.737  | 10.52       | Pass      |
|                 |             | 802.11ac | -3.911                       | 0.502                  | -3.409  | 10.52       | Pass      |

**Conducted Power Density Measurements (UNII 3 Band 5720MHz)**

| Frequency (MHz) | Channel No. | Mode     | Test Result                  |                        |   |             |           |
|-----------------|-------------|----------|------------------------------|------------------------|---|-------------|-----------|
|                 |             |          | Measured Power Density (dBm) | Duty Cycle Factor (dB) | Measured Power Density(dBm) + Duty Cycle Factor | Limit (dBm) | Pass/Fail |
| 5720            | 144         | 802.11a  | -6.461                       | 0.358                  | -6.103  | 29.52       | Pass      |
|                 |             | 802.11n  | -6.941                       | 0.418                  | -6.523  | 29.52       | Pass      |
|                 |             | 802.11ac | -6.833                       | 0.502                  | -6.331  | 29.52       | Pass      |

Straddle channels TEST Plot for 802.11a/n\_HT20/ac\_VHT20\_Ant 2

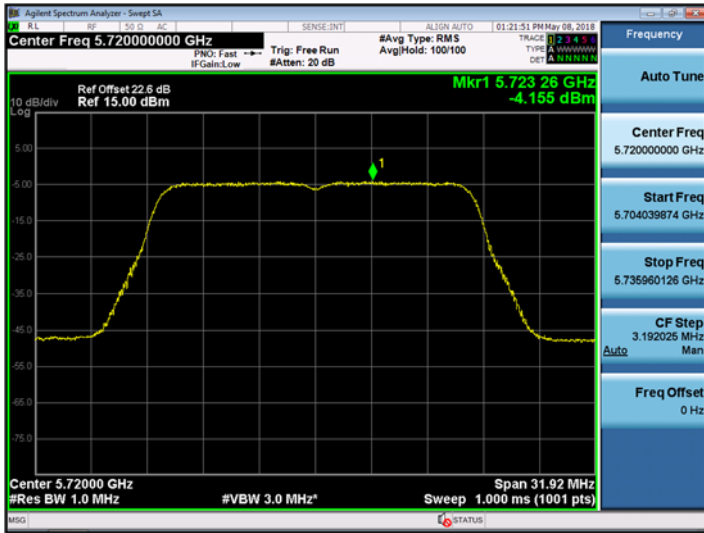
802.11a UNII 2C Band PSD CH.144



802.11a UNII 3 Band PSD CH.144



802.11n\_HT20 UNII 2C Band PSD CH.144



802.11n\_HT20 UNII 3 Band PSD CH.144





**802.11ac\_VHT20 UNII 2C Band PSD CH.144**



**802.11ac\_VHT20 UNII 3 Band PSD CH.144**



▣ **Straddle channels TEST RESULTS for 802.11a/n\_HT20/ac\_VHT20\_Ant 3**

**Conducted Power Density Measurements (UNII 2C Band 5720MHz)**

| Frequency (MHz) | Channel No. | Mode     | Test Result                  |                        |   |             |           |
|-----------------|-------------|----------|------------------------------|------------------------|---|-------------|-----------|
|                 |             |          | Measured Power Density (dBm) | Duty Cycle Factor (dB) | Measured Power Density(dBm) + Duty Cycle Factor | Limit (dBm) | Pass/Fail |
| 5720            | 144         | 802.11a  | -3.983                       | 0.388                  | -3.595  | 10.52       | Pass      |
|                 |             | 802.11n  | -4.419                       | 0.418                  | -4.001  | 10.52       | Pass      |
|                 |             | 802.11ac | -4.217                       | 0.578                  | -3.639  | 10.52       | Pass      |

**Conducted Power Density Measurements (UNII 3 Band 5720MHz)**

| Frequency (MHz) | Channel No. | Mode     | Test Result                  |                        |   |             |           |
|-----------------|-------------|----------|------------------------------|------------------------|---|-------------|-----------|
|                 |             |          | Measured Power Density (dBm) | Duty Cycle Factor (dB) | Measured Power Density(dBm) + Duty Cycle Factor | Limit (dBm) | Pass/Fail |
| 5720            | 144         | 802.11a  | -6.748                       | 0.388                  | -6.360  | 29.52       | Pass      |
|                 |             | 802.11n  | -7.304                       | 0.418                  | -6.886  | 29.52       | Pass      |
|                 |             | 802.11ac | -7.147                       | 0.578                  | -6.569  | 29.52       | Pass      |