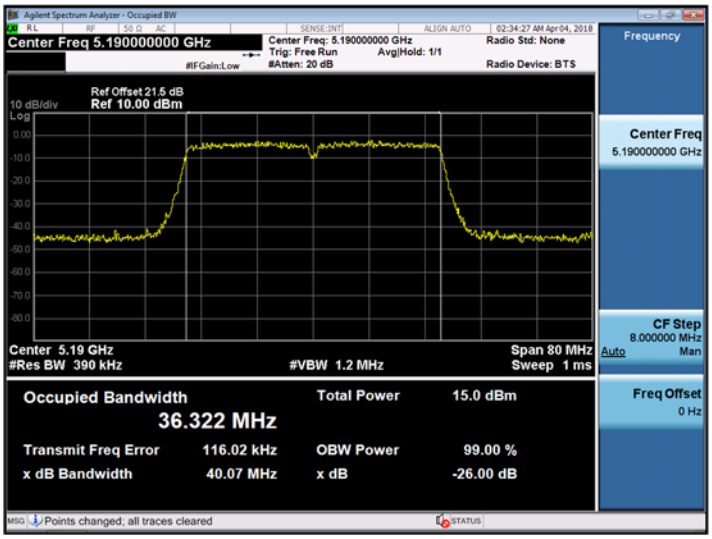
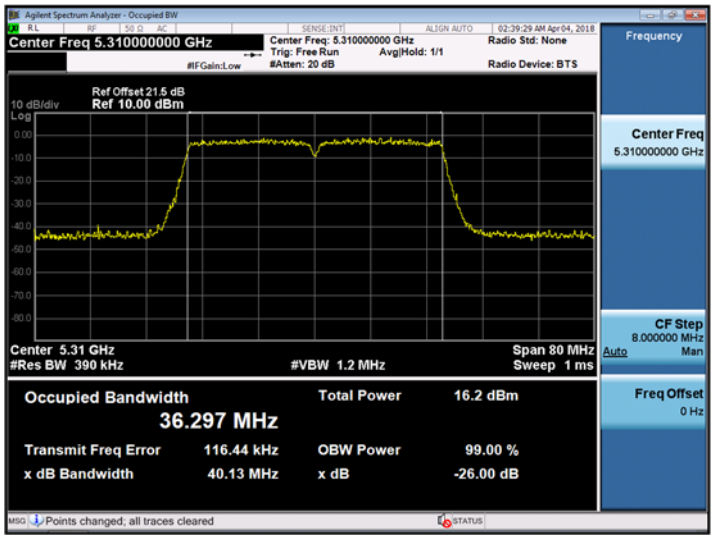
## ▣ TEST Plot for Ant.0_802.11ac_VHT40

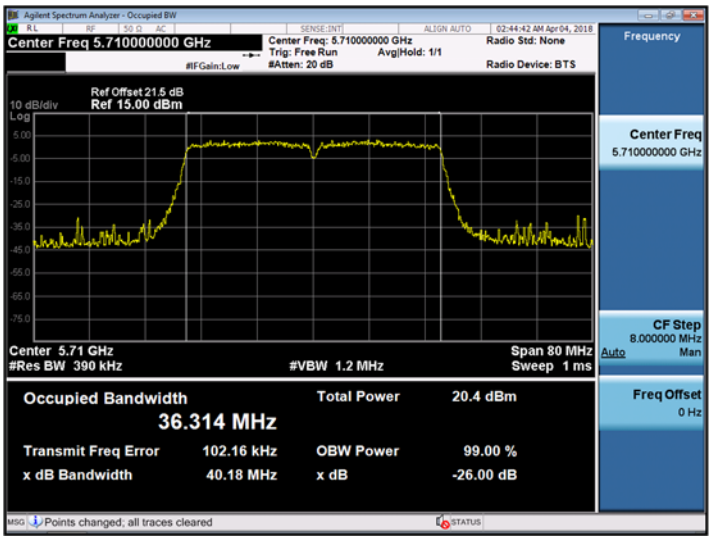
**802.11ac_VHT40 UNII 1 BAND 26dB Bandwidth(CH 38)**



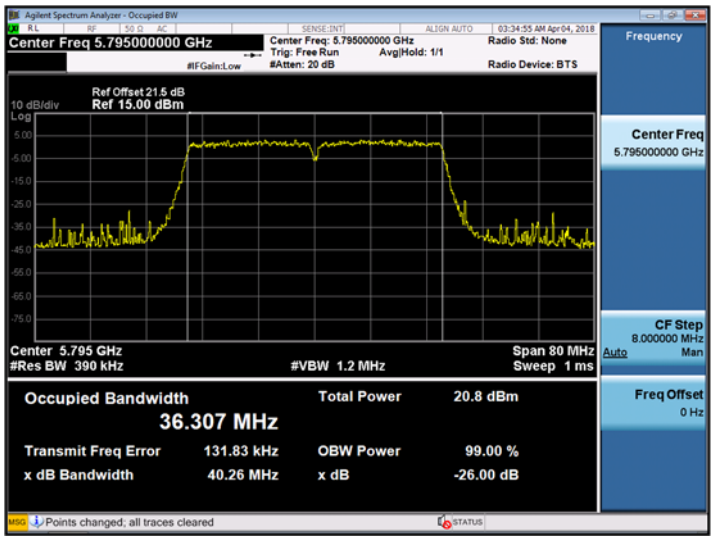

**802.11ac_VHT40 UNII 2A BAND 26dB Bandwidth (CH 62)**




**802.11ac_VHT40 UNII 2C BAND 26dB Bandwidth(CH 142)**




**802.11ac_VHT40 UNII 3 BAND 26dB Bandwidth (CH 159)**




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

## ▣ TEST RESULTS for Ant.1_802.11ac_VHT40

**Conducted 26 dB Bandwidth Measurements for 802.11ac_VHT40**

| 802.11ac_VHT40 Mode | | Measured Bandwidth [MHz] | Minimum Bandwidth [MHz] | Pass / Fail |
|---|---|---|---|---|
| Frequency [MHz] | Channel No. | | | |
| 5190 | 38 | 40.10 | N/A | Pass |
| 5230 | 46 | 40.04 | N/A | Pass |

**Conducted 26 dB Bandwidth Measurements for 802.11ac_VHT40**

| 802.11ac_VHT40 Mode | | Measured Bandwidth [MHz] | Minimum Bandwidth [MHz] | Pass / Fail |
|---|---|---|---|---|
| Frequency [MHz] | Channel No. | | | |
| 5270 | 54 | 39.95 | N/A | Pass |
| 5310 | 62 | 40.04 | N/A | Pass |

**Conducted 26 dB Bandwidth Measurements for 802.11ac_VHT40**

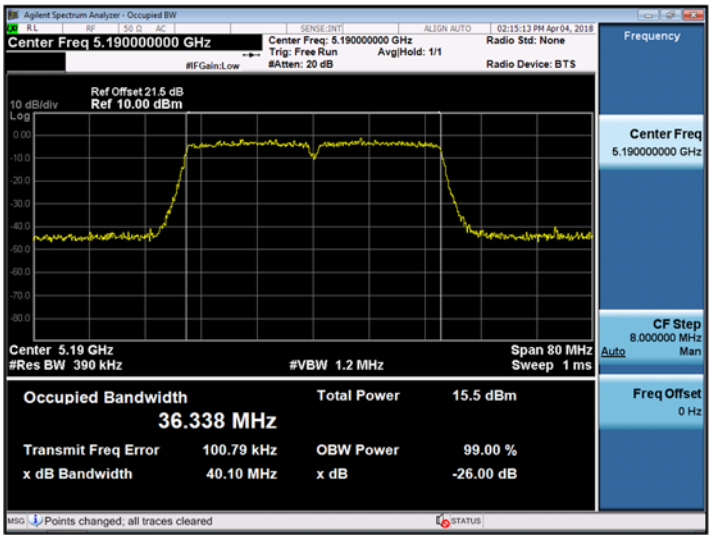
| 802.11ac_VHT40 Mode | | Measured Bandwidth [MHz] | Minimum Bandwidth [MHz] | Pass / Fail |
|---|---|---|---|---|
| Frequency [MHz] | Channel No. | | | |
| 5510 | 102 | 40.02 | N/A | Pass |
| 5590 | 118 | 40.07 | N/A | Pass |
| 5710 | 142 | 45.13 | N/A | Pass |

**Conducted 26 dB Bandwidth Measurements for 802.11ac_VHT40**

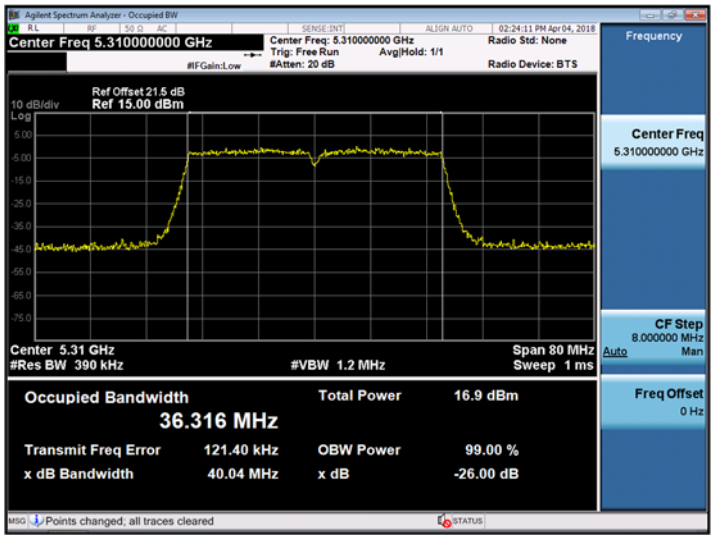
| 802.11ac_VHT40 Mode | | Measured Bandwidth [MHz] | Minimum Bandwidth [MHz] | Pass / Fail |
|---|---|---|---|---|
| Frequency [MHz] | Channel No. | | | |
| 5755 | 151 | 39.90 | N/A | Pass |
| 5795 | 159 | 39.96 | N/A | Pass |

## ▣ TEST Plot for Ant.1_802.11ac_VHT40

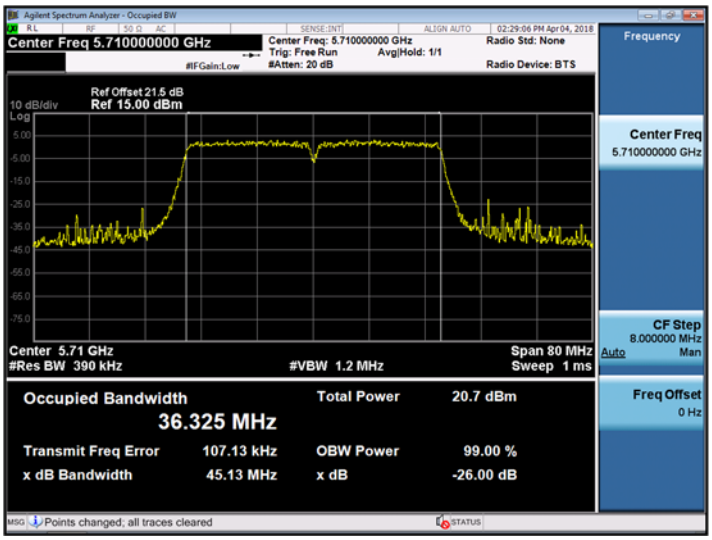
**802.11ac_VHT40 UNII 1 BAND 26dB Bandwidth(CH 38)**



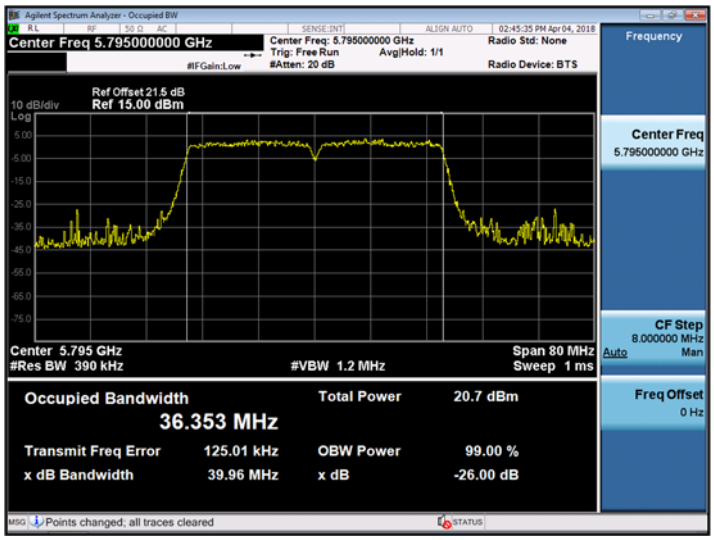

**802.11ac_VHT40 UNII 2A BAND 26dB Bandwidth (CH 62)**




**802.11ac_VHT40 UNII 2C BAND 26dB Bandwidth(CH 142)**




**802.11ac_VHT40 UNII 3 BAND 26dB Bandwidth (CH 159)**




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

## ▣ TEST RESULTS for Ant.2_802.11ac_VHT40

**Conducted 26 dB Bandwidth Measurements for 802.11ac_VHT40**

| 802.11ac_VHT40 Mode | | Measured Bandwidth [MHz] | Minimum Bandwidth [MHz] | Pass / Fail |
|---|---|---|---|---|
| Frequency [MHz] | Channel No. | | | |
| 5190 | 38 | 39.82 | N/A | Pass |
| 5230 | 46 | 40.07 | N/A | Pass |

**Conducted 26 dB Bandwidth Measurements for 802.11ac_VHT40**

| 802.11ac_VHT40 Mode | | Measured Bandwidth [MHz] | Minimum Bandwidth [MHz] | Pass / Fail |
|---|---|---|---|---|
| Frequency [MHz] | Channel No. | | | |
| 5270 | 54 | 40.08 | N/A | Pass |
| 5310 | 62 | 40.01 | N/A | Pass |

**Conducted 26 dB Bandwidth Measurements for 802.11ac_VHT40**

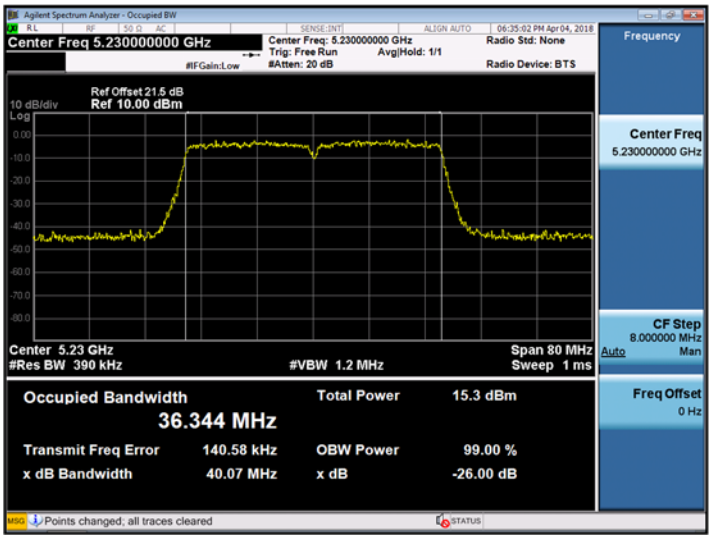
| 802.11ac_VHT40 Mode | | Measured Bandwidth [MHz] | Minimum Bandwidth [MHz] | Pass / Fail |
|---|---|---|---|---|
| Frequency [MHz] | Channel No. | | | |
| 5510 | 102 | 39.79 | N/A | Pass |
| 5590 | 118 | 39.90 | N/A | Pass |
| 5710 | 142 | 39.83 | N/A | Pass |

**Conducted 26 dB Bandwidth Measurements for 802.11ac_VHT40**

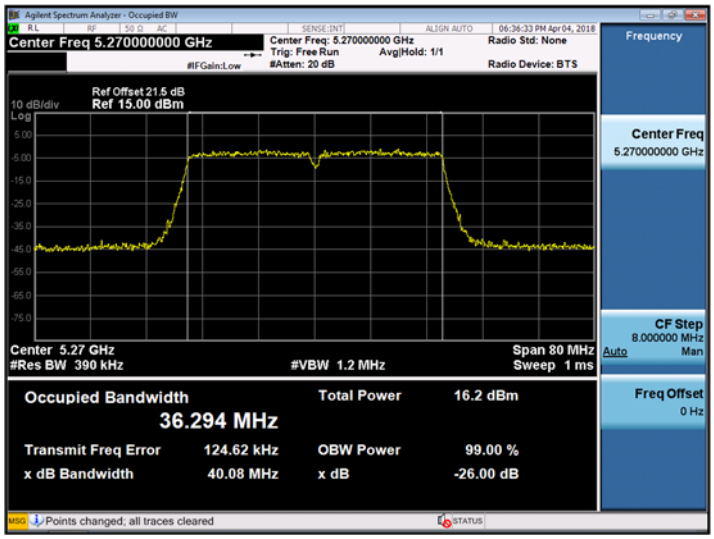
| 802.11ac_VHT40 Mode | | Measured Bandwidth [MHz] | Minimum Bandwidth [MHz] | Pass / Fail |
|---|---|---|---|---|
| Frequency [MHz] | Channel No. | | | |
| 5755 | 151 | 40.26 | N/A | Pass |
| 5795 | 159 | 40.26 | N/A | Pass |

## ▣ TEST Plot for Ant.2_802.11ac_VHT40

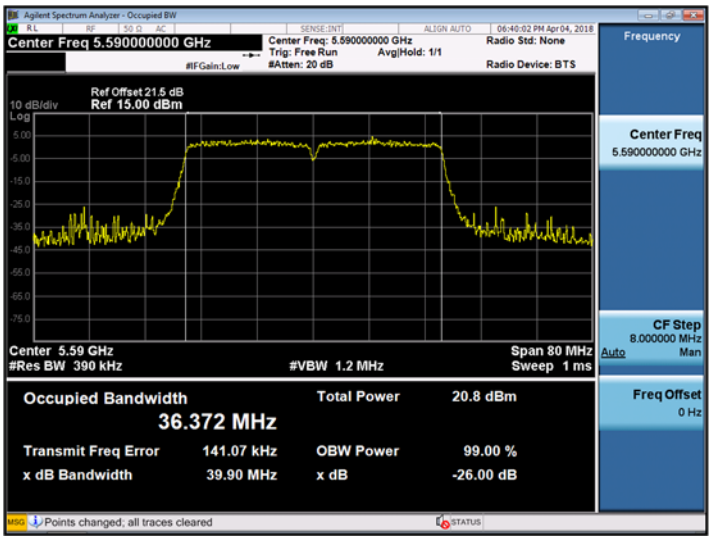
**802.11ac_VHT40 UNII 1 BAND 26dB Bandwidth(CH 46)**



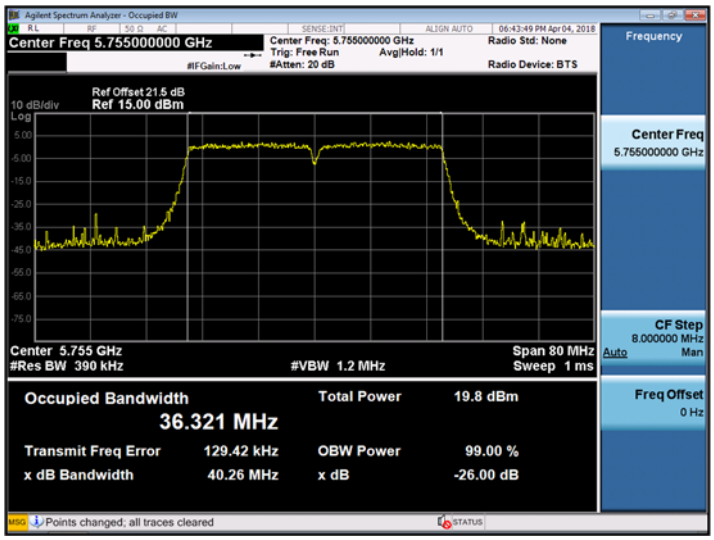

**802.11ac_VHT40 UNII 2A BAND 26dB Bandwidth (CH 54)**




**802.11ac_VHT40 UNII 2C BAND 26dB Bandwidth(CH 118)**




**802.11ac_VHT40 UNII 3 BAND 26dB Bandwidth (CH 151)**




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

## ▣ TEST RESULTS for Ant.3_802.11ac_VHT40

**Conducted 26 dB Bandwidth Measurements for 802.11ac_VHT40**

| 802.11ac_VHT40 Mode | | Measured Bandwidth [MHz] | Minimum Bandwidth [MHz] | Pass / Fail |
|---|---|---|---|---|
| Frequency [MHz] | Channel No. | | | |
| 5190 | 38 | 40.30 | N/A | Pass |
| 5230 | 46 | 39.91 | N/A | Pass |

**Conducted 26 dB Bandwidth Measurements for 802.11ac_VHT40**

| 802.11ac_VHT40 Mode | | Measured Bandwidth [MHz] | Minimum Bandwidth [MHz] | Pass / Fail |
|---|---|---|---|---|
| Frequency [MHz] | Channel No. | | | |
| 5270 | 54 | 39.93 | N/A | Pass |
| 5310 | 62 | 40.09 | N/A | Pass |

**Conducted 26 dB Bandwidth Measurements for 802.11ac_VHT40**

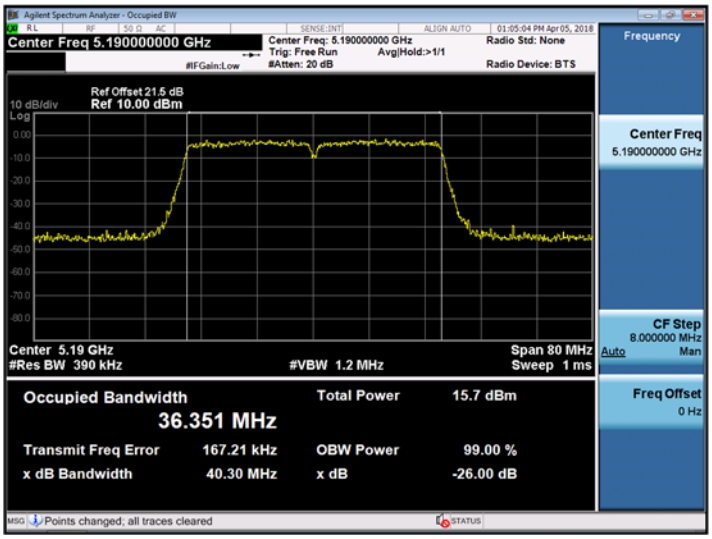
| 802.11ac_VHT40 Mode | | Measured Bandwidth [MHz] | Minimum Bandwidth [MHz] | Pass / Fail |
|---|---|---|---|---|
| Frequency [MHz] | Channel No. | | | |
| 5510 | 102 | 39.95 | N/A | Pass |
| 5590 | 118 | 39.98 | N/A | Pass |
| 5710 | 142 | 40.43 | N/A | Pass |

**Conducted 26 dB Bandwidth Measurements for 802.11ac_VHT40**

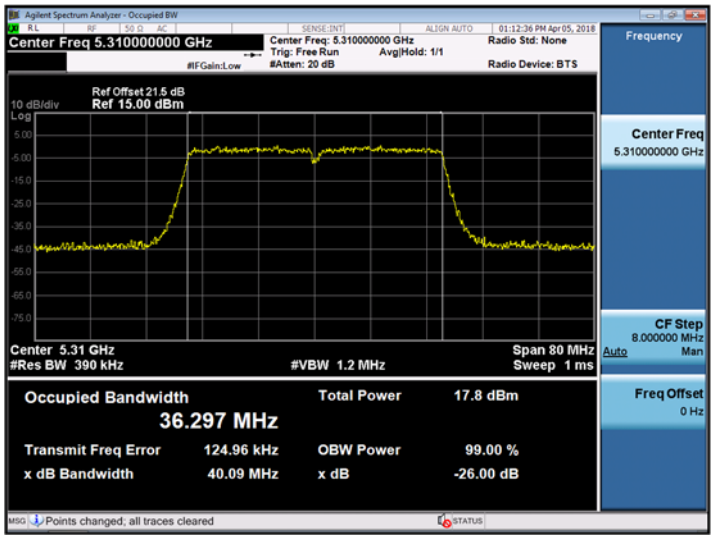
| 802.11ac_VHT40 Mode | | Measured Bandwidth [MHz] | Minimum Bandwidth [MHz] | Pass / Fail |
|---|---|---|---|---|
| Frequency [MHz] | Channel No. | | | |
| 5755 | 151 | 47.82 | N/A | Pass |
| 5795 | 159 | 46.06 | N/A | Pass |

## ▣ TEST Plot for Ant.3_802.11ac_VHT40

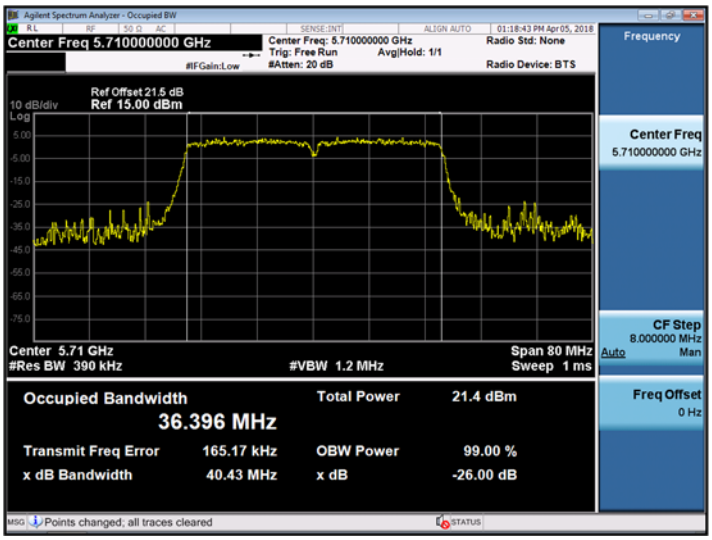
**802.11ac_VHT40 UNII 1 BAND 26dB Bandwidth(CH 38)**



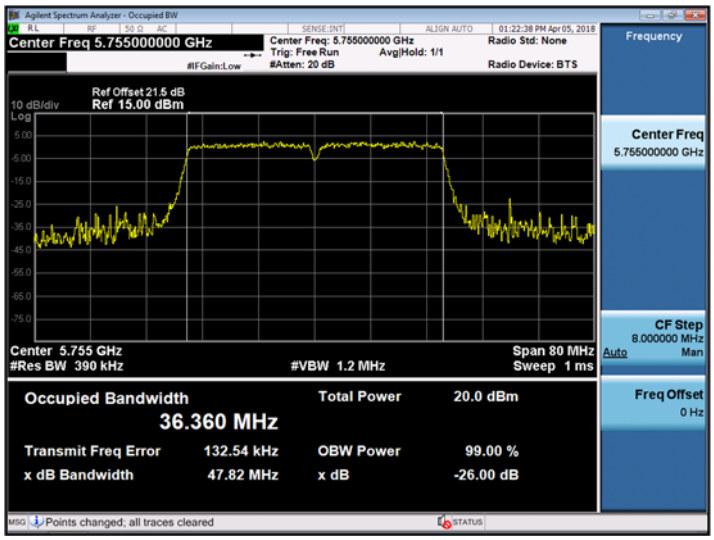

**802.11ac_VHT40 UNII 2A BAND 26dB Bandwidth (CH 62)**




**802.11ac_VHT40 UNII 2C BAND 26dB Bandwidth(CH 142)**




**802.11ac_VHT40 UNII 3 BAND 26dB Bandwidth (CH 151)**




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

## ▣ TEST RESULTS for Ant.0_802.11ac_VHT80

**Conducted 26 dB Bandwidth Measurements for 802.11ac_VHT80**

| 802.11ac_VHT80 Mode | | Measured Bandwidth [MHz] | Minimum Bandwidth [MHz] | Pass / Fail |
|---|---|---|---|---|
| Frequency [MHz] | Channel No. | | | |
| 5210 | 42 | 81.23 | N/A | Pass |

**Conducted 26 dB Bandwidth Measurements for 802.11ac_VHT80**

| 802.11ac_VHT80 Mode | | Measured Bandwidth [MHz] | Minimum Bandwidth [MHz] | Pass / Fail |
|---|---|---|---|---|
| Frequency [MHz] | Channel No. | | | |
| 5290 | 58 | 81.86 | N/A | Pass |

**Conducted 26 dB Bandwidth Measurements for 802.11ac_VHT80**

| 802.11ac_VHT80 Mode | | Measured Bandwidth [MHz] | Minimum Bandwidth [MHz] | Pass / Fail |
|---|---|---|---|---|
| Frequency [MHz] | Channel No. | | | |
| 5530 | 106 | 81.67 | N/A | Pass |
| 5610 | 122 | 81.85 | N/A | Pass |
| 5690 | 138 | 81.60 | N/A | Pass |

**Conducted 26 dB Bandwidth Measurements for 802.11ac_VHT80**

| 802.11ac_VHT80 Mode | | Measured Bandwidth [MHz] | Minimum Bandwidth [MHz] | Pass / Fail |
|---|---|---|---|---|
| Frequency [MHz] | Channel No. | | | |
| 5775 | 155 | 82.00 | N/A | Pass |

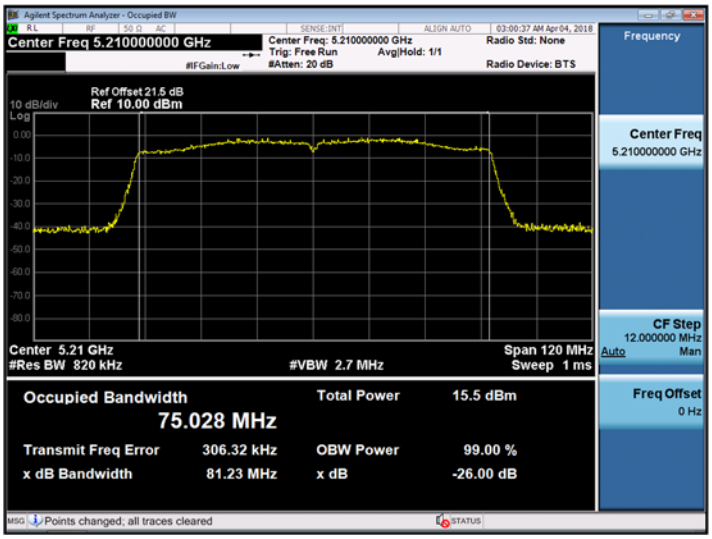
**Note :**

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

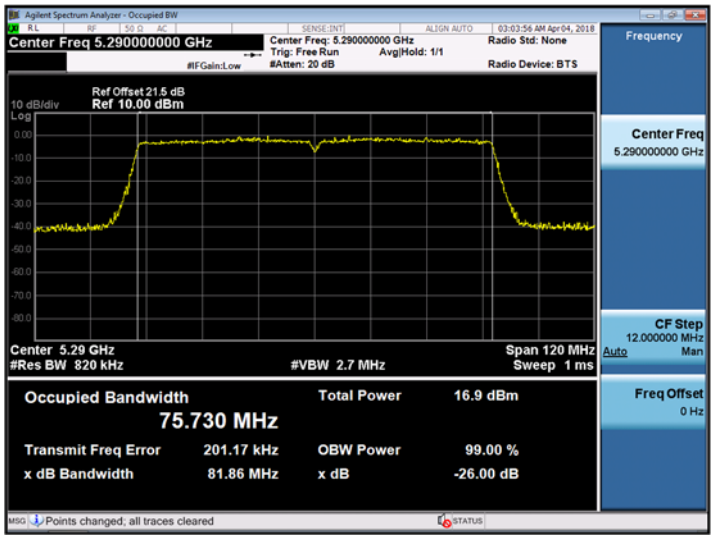
**2. DFS test channels should be defined. So, We performed the OBW test to prove that no part of the fundamental emissions of any channels belong to UNII1 and UNII3 band for DFS.**

## ▣ TEST Plot for Ant.0_802.11ac_VHT80

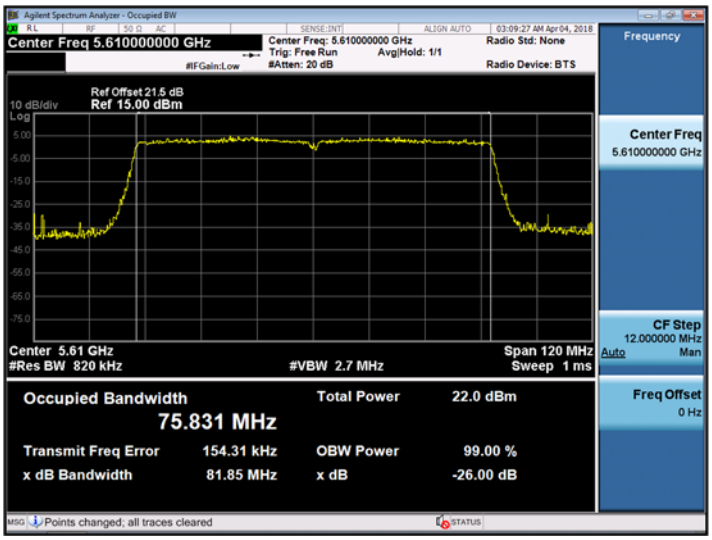
**802.11ac_VHT80 UNII 1 BAND 26dB Bandwidth(CH 42)**



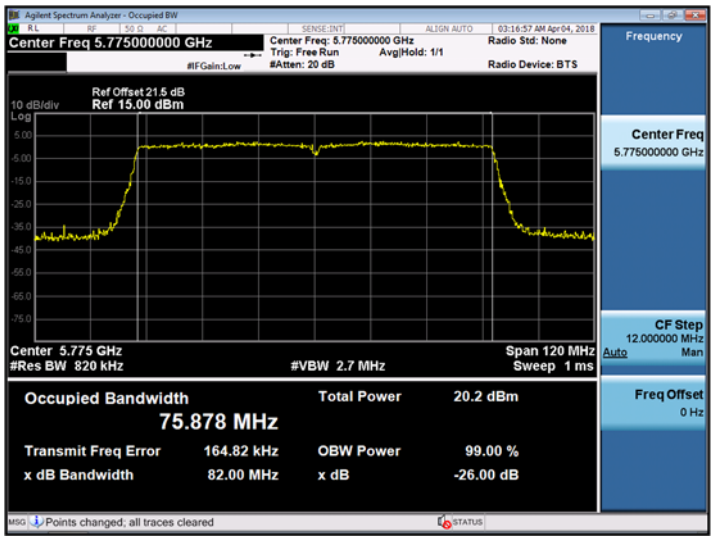

**802.11ac_VHT80 UNII 2A BAND 26dB Bandwidth(CH 58)**




**802.11ac_VHT80 UNII 2C BAND 26dB Bandwidth(CH 122)**




**802.11ac_VHT80 UNII 3 BAND 26dB Bandwidth(CH 155)**




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

## ▣ TEST RESULTS for Ant.1_802.11ac_VHT80

**Conducted 26 dB Bandwidth Measurements for 802.11ac_VHT80**

| 802.11ac_VHT80 Mode | | Measured Bandwidth [MHz] | Minimum Bandwidth [MHz] | Pass / Fail |
|---|---|---|---|---|
| Frequency [MHz] | Channel No. | | | |
| 5210 | 42 | 81.00 | N/A | Pass |

**Conducted 26 dB Bandwidth Measurements for 802.11ac_VHT80**

| 802.11ac_VHT80 Mode | | Measured Bandwidth [MHz] | Minimum Bandwidth [MHz] | Pass / Fail |
|---|---|---|---|---|
| Frequency [MHz] | Channel No. | | | |
| 5290 | 58 | 81.70 | N/A | Pass |

**Conducted 26 dB Bandwidth Measurements for 802.11ac_VHT80**

| 802.11ac_VHT80 Mode | | Measured Bandwidth [MHz] | Minimum Bandwidth [MHz] | Pass / Fail |
|---|---|---|---|---|
| Frequency [MHz] | Channel No. | | | |
| 5530 | 106 | 81.86 | N/A | Pass |
| 5610 | 122 | 81.81 | N/A | Pass |
| 5690 | 138 | 81.77 | N/A | Pass |

**Conducted 26 dB Bandwidth Measurements for 802.11ac_VHT80**

| 802.11ac_VHT80 Mode | | Measured Bandwidth [MHz] | Minimum Bandwidth [MHz] | Pass / Fail |
|---|---|---|---|---|
| Frequency [MHz] | Channel No. | | | |
| 5775 | 155 | 81.93 | N/A | Pass |

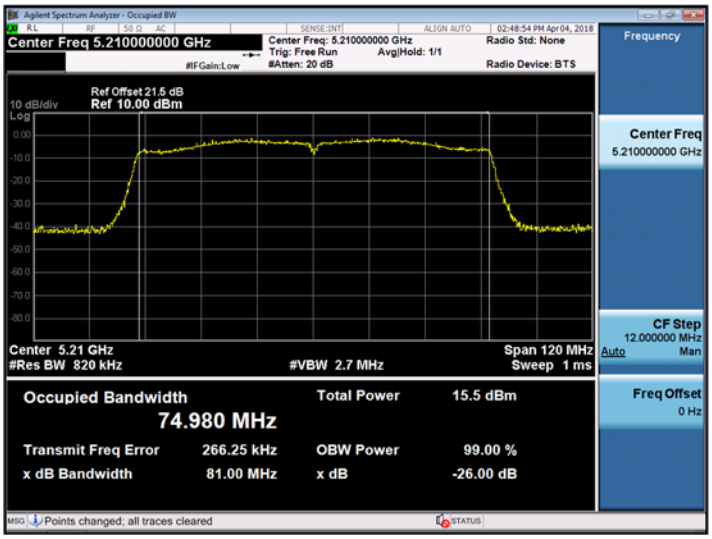
**Note :**

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

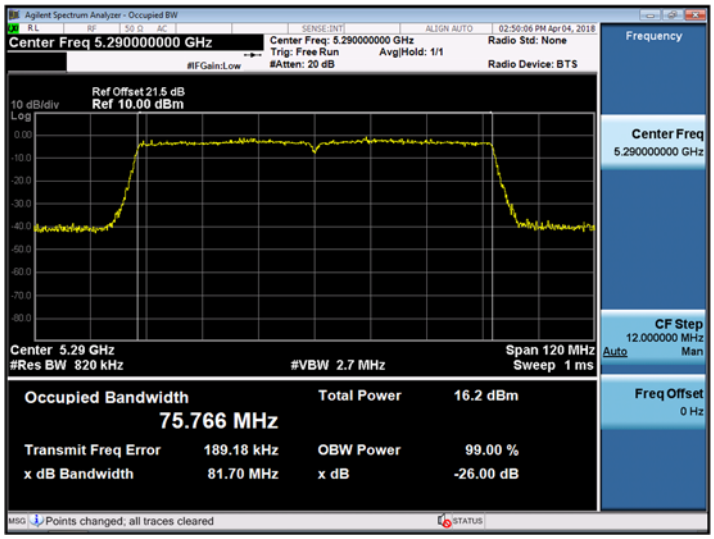
**2. DFS test channels should be defined. So, We performed the OBW test to prove that no part of the fundamental emissions of any channels belong to UNII1 and UNII3 band for DFS.**

## ▣ TEST Plot for Ant.1_802.11ac_VHT80

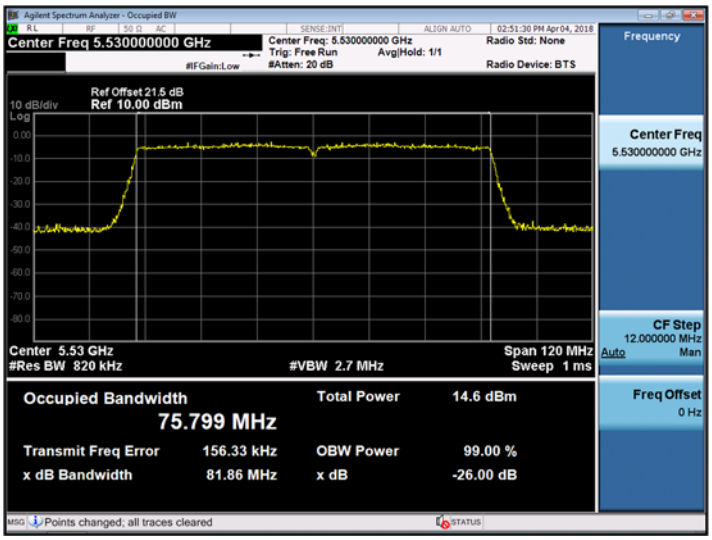
**802.11ac_VHT80 UNII 1 BAND 26dB Bandwidth(CH 42)**



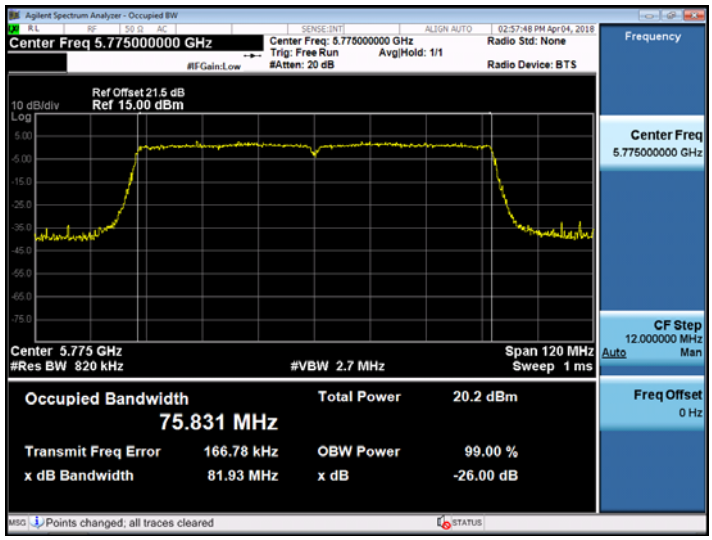

**802.11ac_VHT80 UNII 2A BAND 26dB Bandwidth(CH 58)**




**802.11ac_VHT80 UNII 2C BAND 26dB Bandwidth(CH 106)**




**802.11ac_VHT80 UNII 3 BAND 26dB Bandwidth(CH 155)**




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

## ▣ TEST RESULTS for Ant.2_802.11ac_VHT80

**Conducted 26 dB Bandwidth Measurements for 802.11ac_VHT80**

| 802.11ac_VHT80 Mode | | Measured Bandwidth [MHz] | Minimum Bandwidth [MHz] | Pass / Fail |
|---|---|---|---|---|
| Frequency [MHz] | Channel No. | | | |
| 5210 | 42 | 81.25 | N/A | Pass |

**Conducted 26 dB Bandwidth Measurements for 802.11ac_VHT80**

| 802.11ac_VHT80 Mode | | Measured Bandwidth [MHz] | Minimum Bandwidth [MHz] | Pass / Fail |
|---|---|---|---|---|
| Frequency [MHz] | Channel No. | | | |
| 5290 | 58 | 81.73 | N/A | Pass |

**Conducted 26 dB Bandwidth Measurements for 802.11ac_VHT80**

| 802.11ac_VHT80 Mode | | Measured Bandwidth [MHz] | Minimum Bandwidth [MHz] | Pass / Fail |
|---|---|---|---|---|
| Frequency [MHz] | Channel No. | | | |
| 5530 | 106 | 82.04 | N/A | Pass |
| 5610 | 122 | 82.23 | N/A | Pass |
| 5690 | 138 | 81.78 | N/A | Pass |

**Conducted 26 dB Bandwidth Measurements for 802.11ac_VHT80**

| 802.11ac_VHT80 Mode | | Measured Bandwidth [MHz] | Minimum Bandwidth [MHz] | Pass / Fail |
|---|---|---|---|---|
| Frequency [MHz] | Channel No. | | | |
| 5775 | 155 | 82.33 | N/A | Pass |

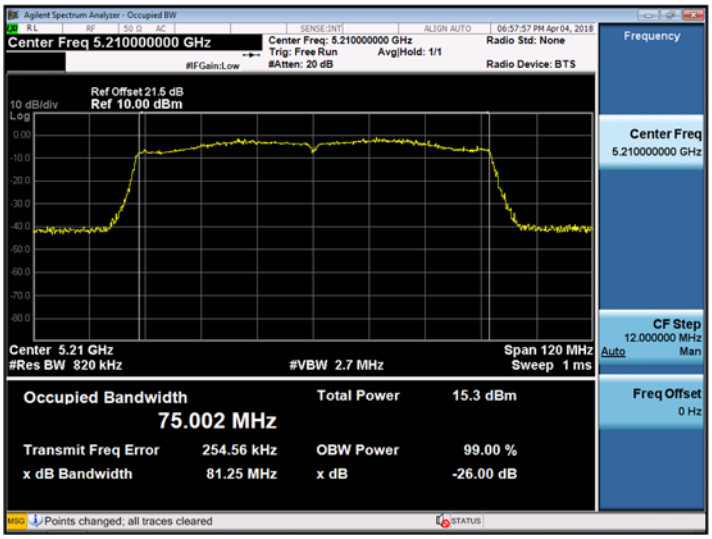
**Note :**

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

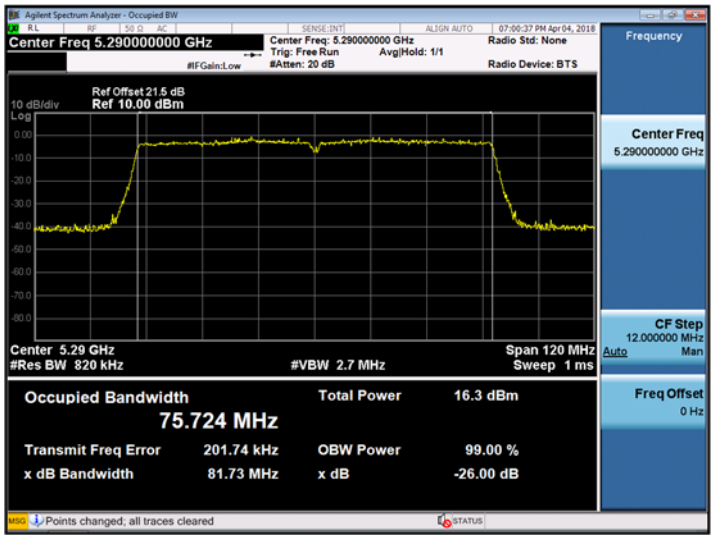
**2. DFS test channels should be defined. So, We performed the OBW test to prove that no part of the fundamental emissions of any channels belong to UNII1 and UNII3 band for DFS.**

## ▣ TEST Plot for Ant.2_802.11ac_VHT80

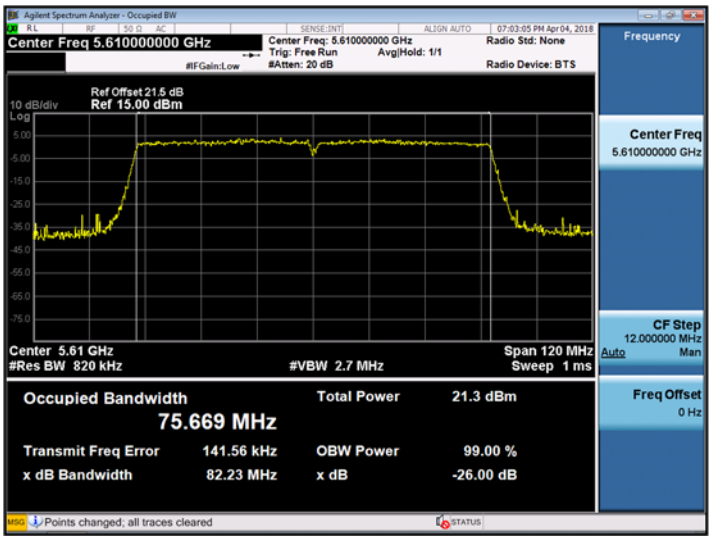
**802.11ac_VHT80 UNII 1 BAND 26dB Bandwidth(CH 42)**



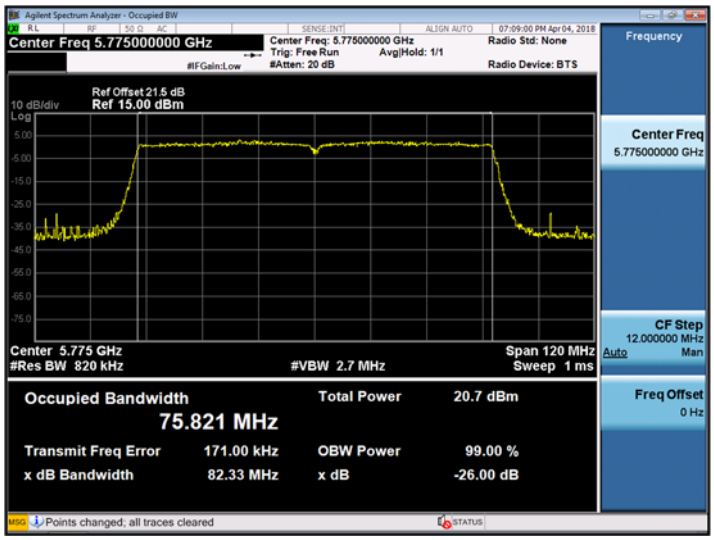

**802.11ac_VHT80 UNII 2A BAND 26dB Bandwidth(CH 58)**




**802.11ac_VHT80 UNII 2C BAND 26dB Bandwidth(CH 122)**




**802.11ac_VHT80 UNII 3 BAND 26dB Bandwidth(CH 155)**




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

## ▣ TEST RESULTS for Ant.3_802.11ac_VHT80

**Conducted 26 dB Bandwidth Measurements for 802.11ac_VHT80**

| 802.11ac_VHT80 Mode | | Measured Bandwidth [MHz] | Minimum Bandwidth [MHz] | Pass / Fail |
|---|---|---|---|---|
| Frequency [MHz] | Channel No. | | | |
| 5210 | 42 | 81.09 | N/A | Pass |

**Conducted 26 dB Bandwidth Measurements for 802.11ac_VHT80**

| 802.11ac_VHT80 Mode | | Measured Bandwidth [MHz] | Minimum Bandwidth [MHz] | Pass / Fail |
|---|---|---|---|---|
| Frequency [MHz] | Channel No. | | | |
| 5290 | 58 | 81.84 | N/A | Pass |

**Conducted 26 dB Bandwidth Measurements for 802.11ac_VHT80**

| 802.11ac_VHT80 Mode | | Measured Bandwidth [MHz] | Minimum Bandwidth [MHz] | Pass / Fail |
|---|---|---|---|---|
| Frequency [MHz] | Channel No. | | | |
| 5530 | 106 | 81.66 | N/A | Pass |
| 5610 | 122 | 81.72 | N/A | Pass |
| 5690 | 138 | 81.38 | N/A | Pass |

**Conducted 26 dB Bandwidth Measurements for 802.11ac_VHT80**

| 802.11ac_VHT80 Mode | | Measured Bandwidth [MHz] | Minimum Bandwidth [MHz] | Pass / Fail |
|---|---|---|---|---|
| Frequency [MHz] | Channel No. | | | |
| 5775 | 155 | 81.69 | N/A | Pass |

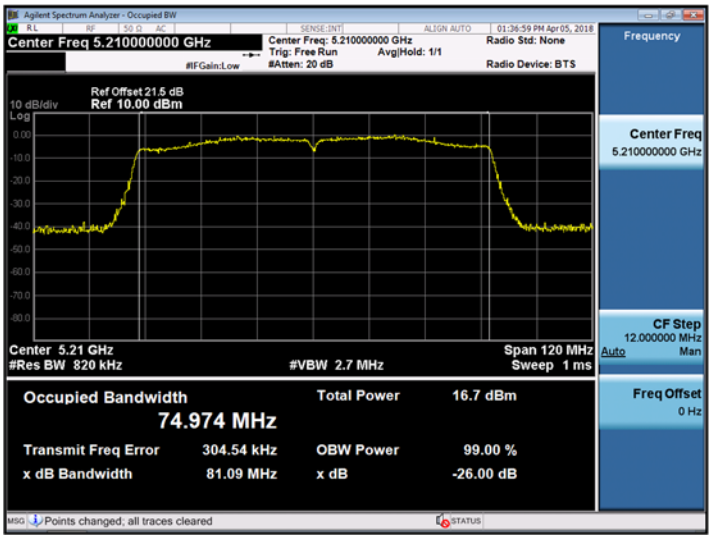
**Note :**

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

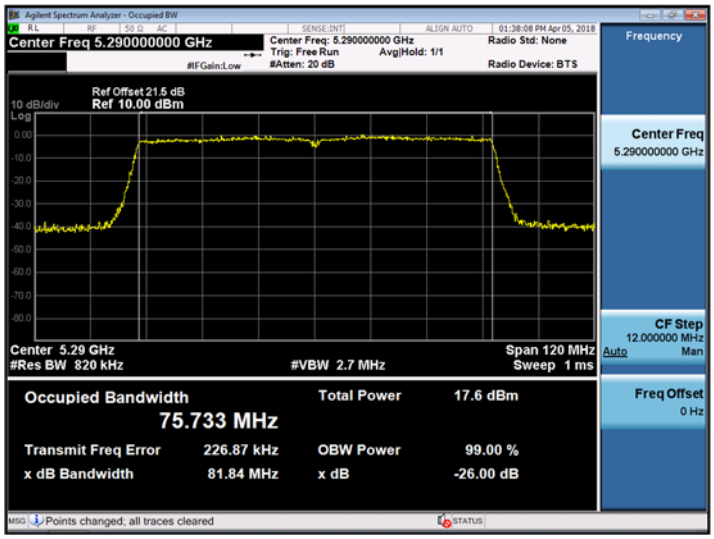
**2. DFS test channels should be defined. So, We performed the OBW test to prove that no part of the fundamental emissions of any channels belong to UNII1 and UNII3 band for DFS.**

## ▣ TEST Plot for Ant.3_802.11ac_VHT80

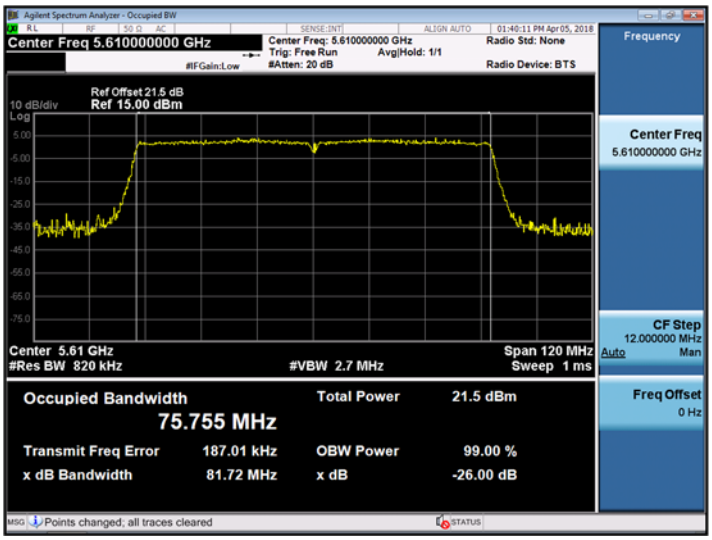
**802.11ac_VHT80 UNII 1 BAND 26dB Bandwidth(CH 42)**



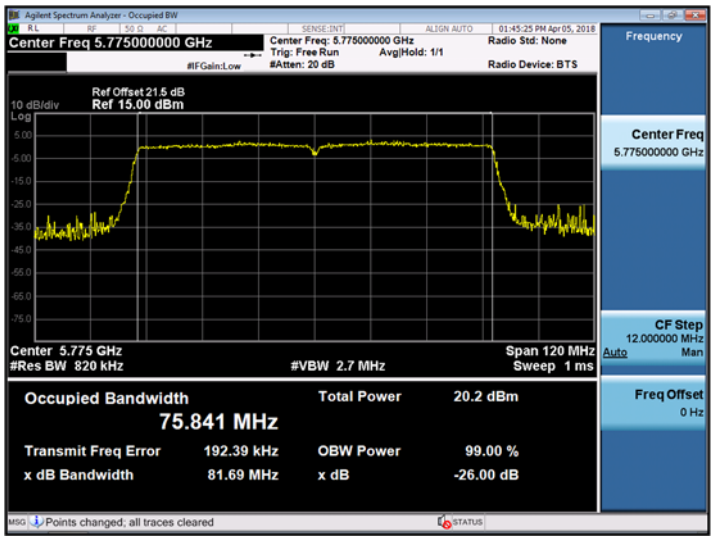

**802.11ac_VHT80 UNII 2A BAND 26dB Bandwidth(CH 58)**




**802.11ac_VHT80 UNII 2C BAND 26dB Bandwidth(CH 122)**




**802.11ac_VHT80 UNII 3 BAND 26dB Bandwidth(CH 155)**




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

## ▣ TEST RESULTS for Ant.0, 2_802.11ac_VHT160

**Conducted 26 dB Bandwidth Measurements for 802.11ac_VHT160**

| 802.11ac_VHT160 Mode | | Measured Bandwidth [MHz] | Minimum Bandwidth [MHz] | Pass / Fail |
|---|---|---|---|---|
| Frequency [MHz] | Channel No. | | | |
| 5210 | 42 | 81.11 | N/A | Pass |
| 5290 | 58 | 80.78 | N/A | Pass |

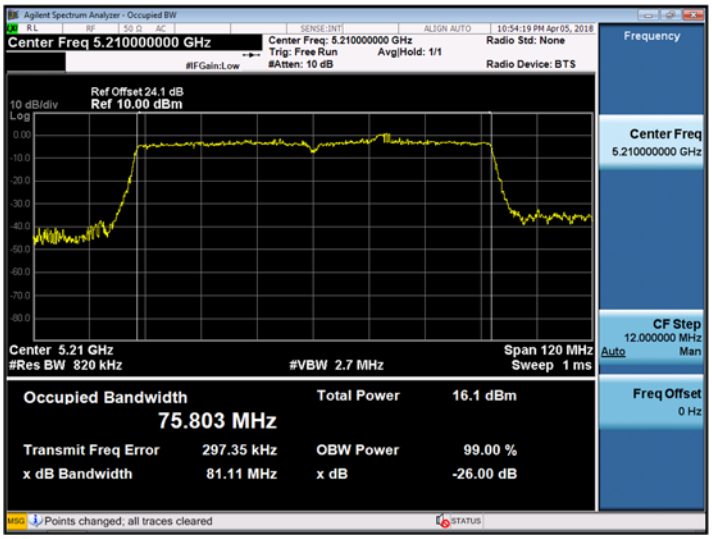
**Conducted 26 dB Bandwidth Measurements for 802.11ac_VHT160**

| 802.11ac_VHT160 Mode | | Measured Bandwidth [MHz] | Minimum Bandwidth [MHz] | Pass / Fail |
|---|---|---|---|---|
| Frequency [MHz] | Channel No. | | | |
| 5530 | 106 | 81.76 | N/A | Pass |
| 5610 | 122 | 81.13 | N/A | Pass |

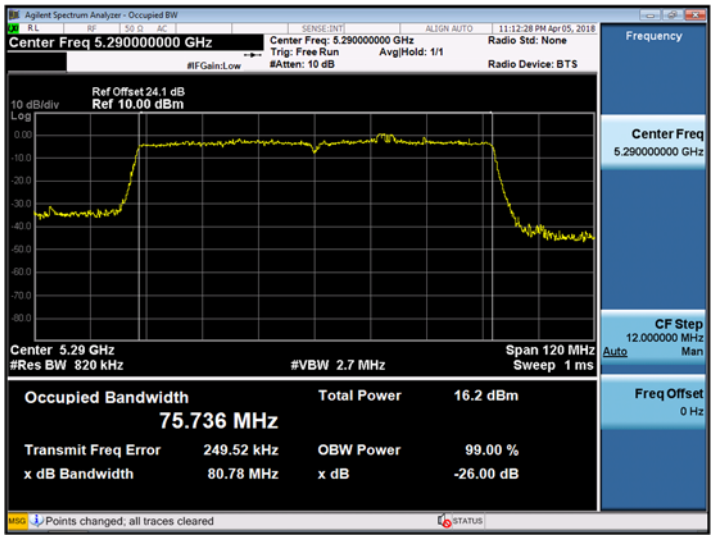
**Note : This test is a combined bandwidth of 80 MHz plus 80 MHz.**

## ▣ TEST Plot for Ant.0, 2_802.11ac_VHT160

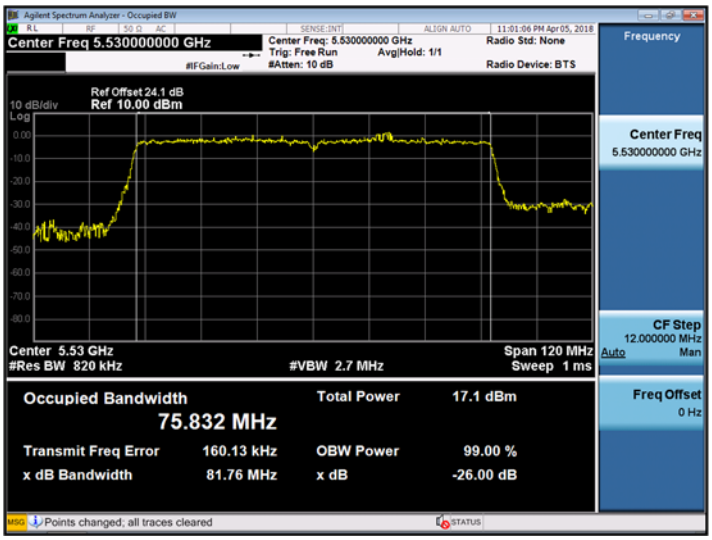
**802.11ac_VHT160 26dB Bandwidth(CH 42)**



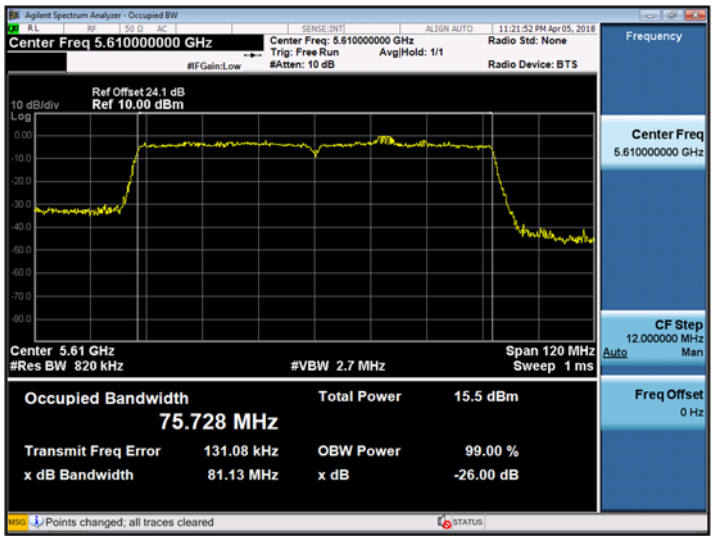

**802.11ac_VHT160 26dB Bandwidth(CH 58)**




**802.11ac_VHT160 26dB Bandwidth(CH 106)**




**802.11ac_VHT160 26dB Bandwidth(CH 122)**




**Note : This test is a combined bandwidth of 80 MHz plus 80 MHz.**

## ▣ TEST RESULTS for Ant.1, 3_802.11ac_VHT160

**Conducted 26 dB Bandwidth Measurements for 802.11ac_VHT160**

| 802.11ac_VHT160 Mode | | Measured Bandwidth [MHz] | Minimum Bandwidth [MHz] | Pass / Fail |
|---|---|---|---|---|
| Frequency [MHz] | Channel No. | | | |
| 5210 | 42 | 80.55 | N/A | Pass |
| 5290 | 58 | 80.27 | N/A | Pass |

**Conducted 26 dB Bandwidth Measurements for 802.11ac_VHT160**

| 802.11ac_VHT160 Mode | | Measured Bandwidth [MHz] | Minimum Bandwidth [MHz] | Pass / Fail |
|---|---|---|---|---|
| Frequency [MHz] | Channel No. | | | |
| 5530 | 106 | 80.30 | N/A | Pass |
| 5610 | 122 | 80.00 | N/A | Pass |

**Note : This test is a combined bandwidth of 80 MHz plus 80 MHz.**