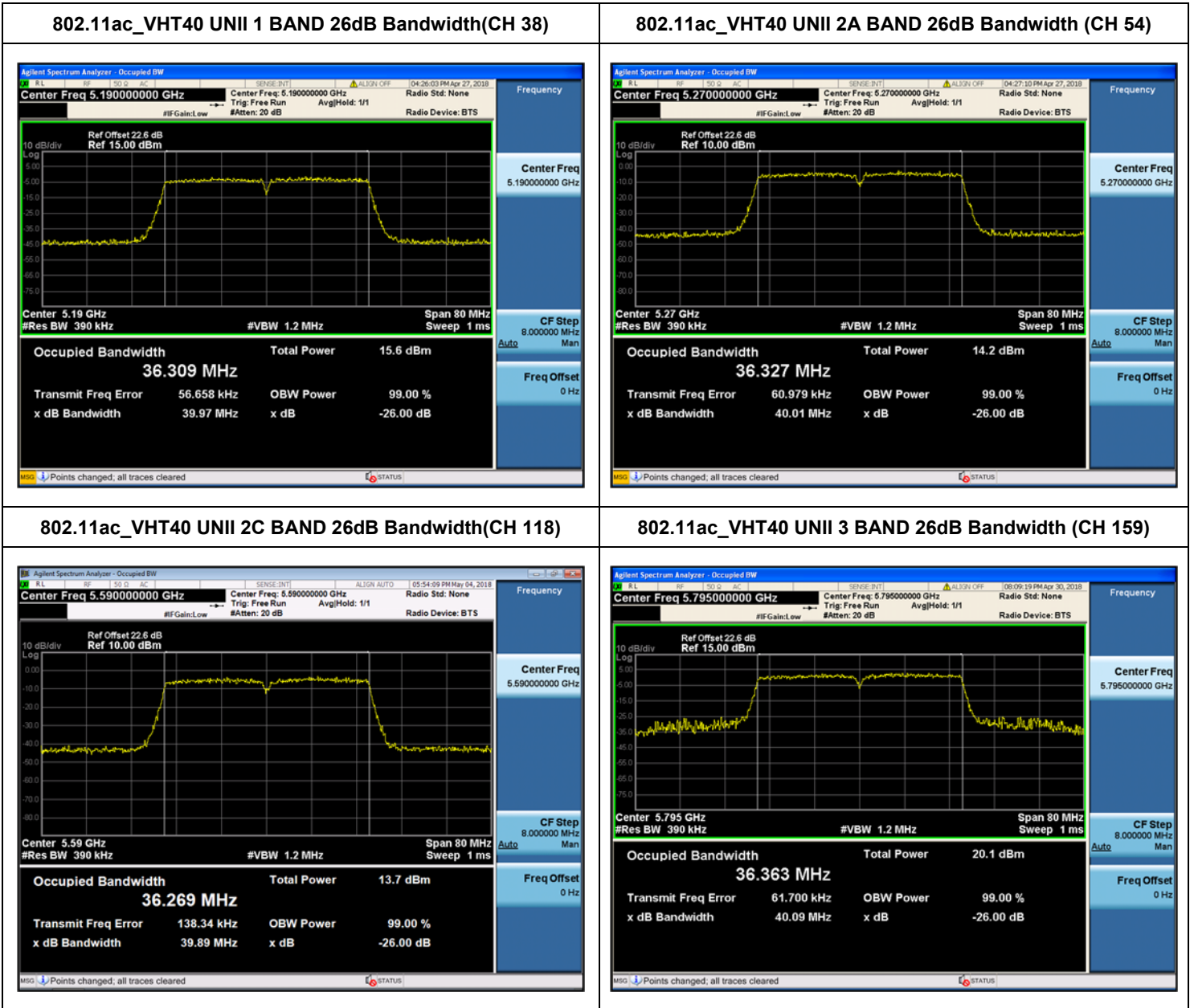


**TEST Plot for Ant.1\_802.11ac\_VHT40**



■ **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	40.07	N/A	Pass
5230	46	39.78	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	39.90	N/A	Pass
5310	62	39.89	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	40.13	N/A	Pass
5590	118	40.12	N/A	Pass
5710	142	39.69	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	54.57	N/A	Pass
5795	159	40.62	N/A	Pass

**TEST Plot for Ant.2\_802.11ac\_VHT40**



■ **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	40.03	N/A	Pass
5230	46	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.			
5270	54	40.08	N/A	Pass
5310	62	40.27	N/A	Pass

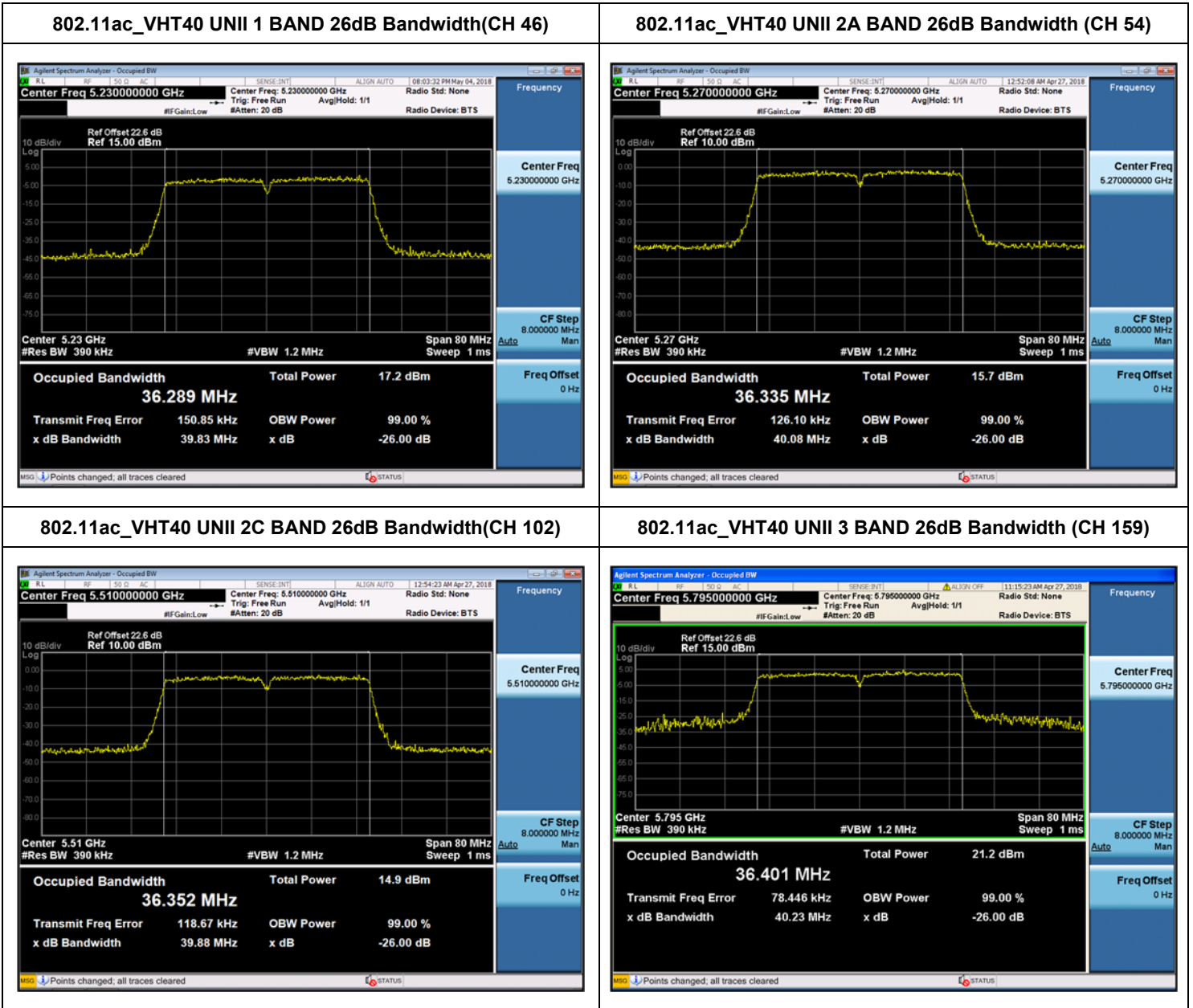
Conducted 26 dB Bandwidth Measurements for 802.11ac\_VHT40

802.11ac_VHT40 Mode		Measured Bandwidth [MHz]	Minimum Bandwidth [MHz]	Pass / Fail
Frequency [MHz]	Channel No.			
5510	102	39.88	N/A	Pass
5590	118	40.19	N/A	Pass
5710	142	39.94	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	40.76	N/A	Pass
5795	159	40.23	N/A	Pass

**TEST Plot for Ant.3\_802.11ac\_VHT40**



■ **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	80.63	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	81.55	N/A	Pass

Conducted 26 dB Bandwidth Measurements for 802.11ac\_VHT80

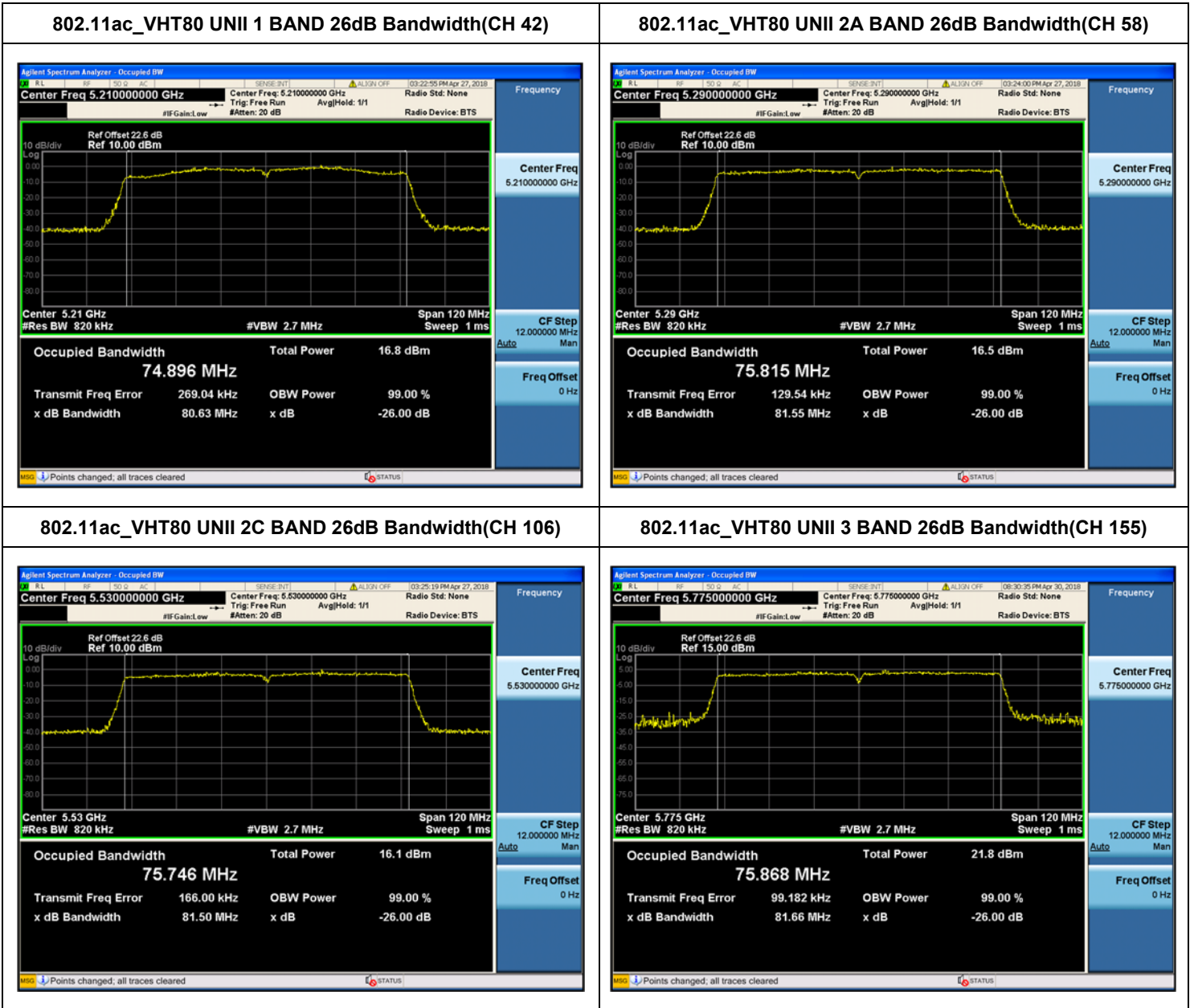
802.11ac_VHT80 Mode		Measured Bandwidth [MHz]	Minimum Bandwidth [MHz]	Pass / Fail
Frequency [MHz]	Channel No.			
5530	106	81.50	N/A	Pass
5610	122	81.62	N/A	Pass
5690	138	81.71	N/A	Pass

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	81.66	N/A	Pass

Note : 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**



■ **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	81.12	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	81.90	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	81.72	N/A	Pass
5610	122	81.61	N/A	Pass
5690	138	81.34	N/A	Pass

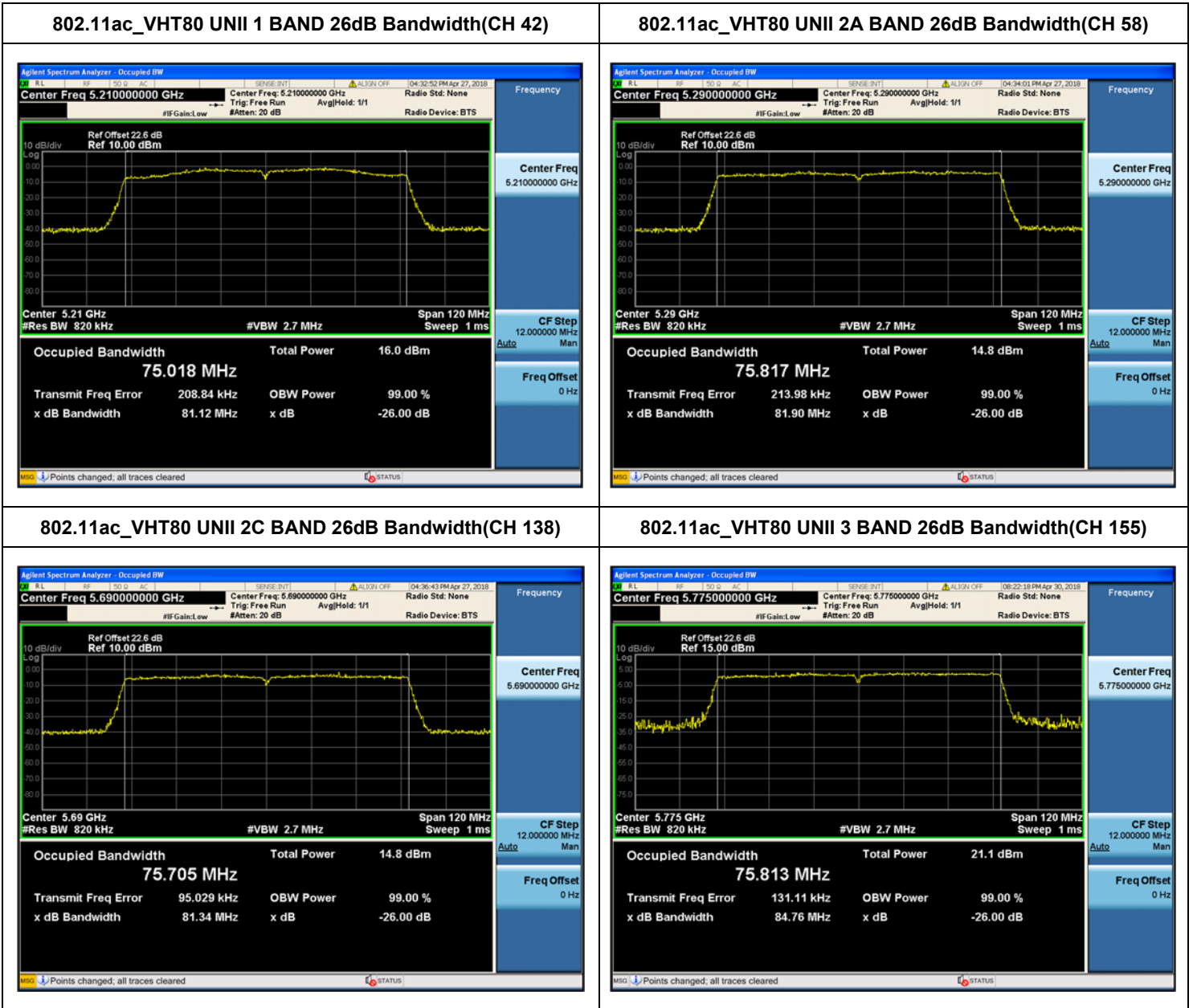
Conducted 26 dB Bandwidth Measurements for 802.11ac\_VHT80

802.11ac_VHT80 Mode		Measured Bandwidth [MHz]	Minimum Bandwidth [MHz]	Pass / Fail
Frequency [MHz]	Channel No.			
5775	155	84.76	N/A	Pass

Note : 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**



■ **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	80.79	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	81.81	N/A	Pass

Conducted 26 dB Bandwidth Measurements for 802.11ac\_VHT80

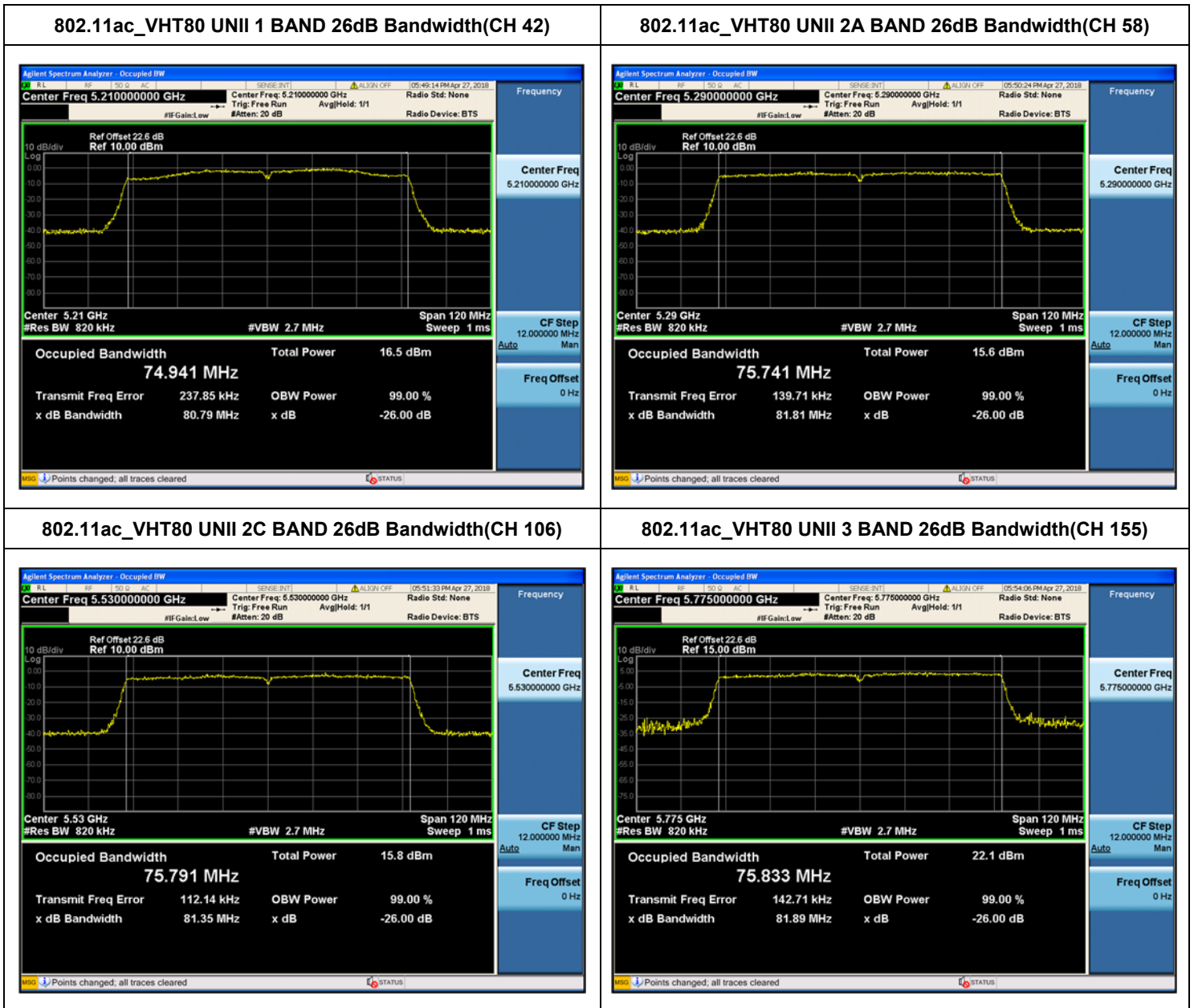
802.11ac_VHT80 Mode		Measured Bandwidth [MHz]	Minimum Bandwidth [MHz]	Pass / Fail
Frequency [MHz]	Channel No.			
5530	106	81.35	N/A	Pass
5610	122	81.89	N/A	Pass
5690	138	81.74	N/A	Pass

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	81.89	N/A	Pass

Note : 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**



■ **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	80.57	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	81.35	N/A	Pass

Conducted 26 dB Bandwidth Measurements for 802.11ac\_VHT80

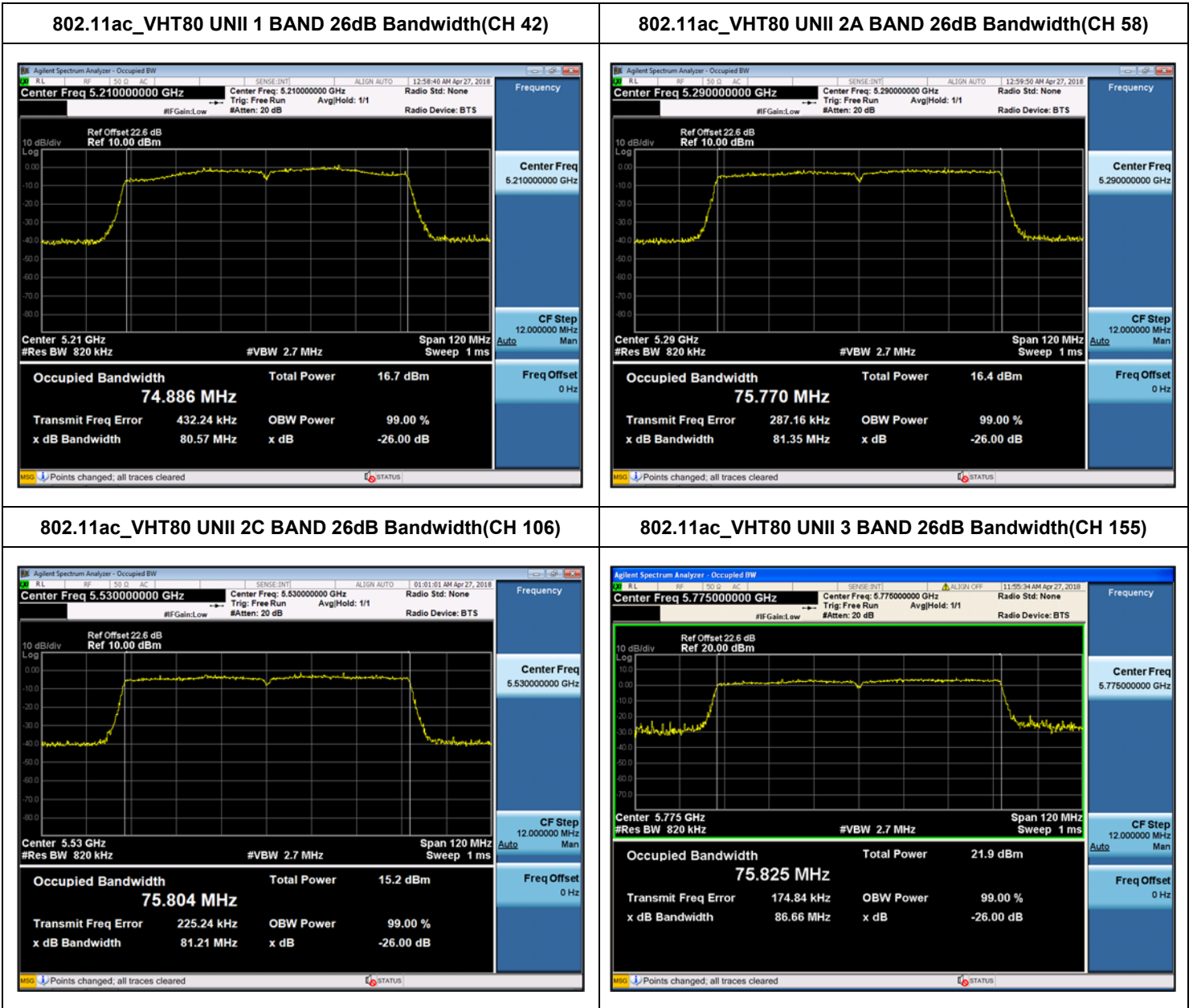
802.11ac_VHT80 Mode		Measured Bandwidth [MHz]	Minimum Bandwidth [MHz]	Pass / Fail
Frequency [MHz]	Channel No.			
5530	106	81.21	N/A	Pass
5610	122	81.97	N/A	Pass
5690	138	81.47	N/A	Pass

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	86.66	N/A	Pass

Note : 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**



■ **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	81.24	N/A	Pass
5290	58	81.19	N/A	Pass

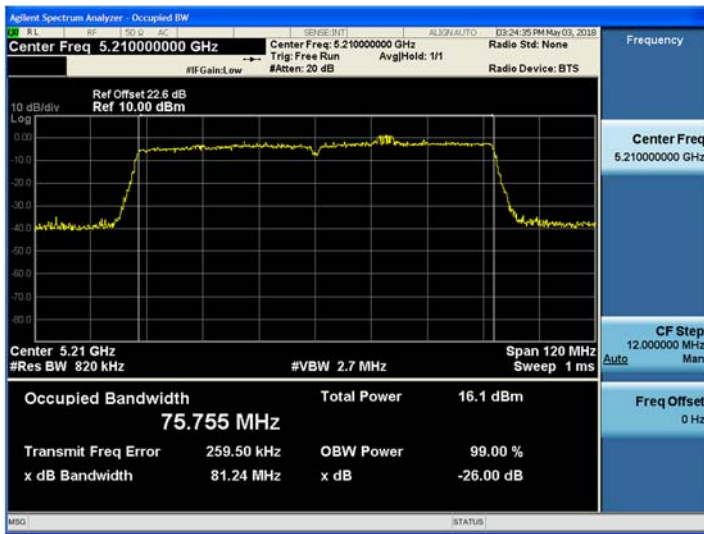
**Conducted 26 dB Bandwidth Measurements for 802.11ac\_VHT160**

802.11ac_VHT160 Mode		Measured Bandwidth [MHz]	Minimum Bandwidth [MHz]	Pass / Fail
Frequency [MHz]	Channel No.			
5530	106	81.08	N/A	Pass
5610	122	81.28	N/A	Pass

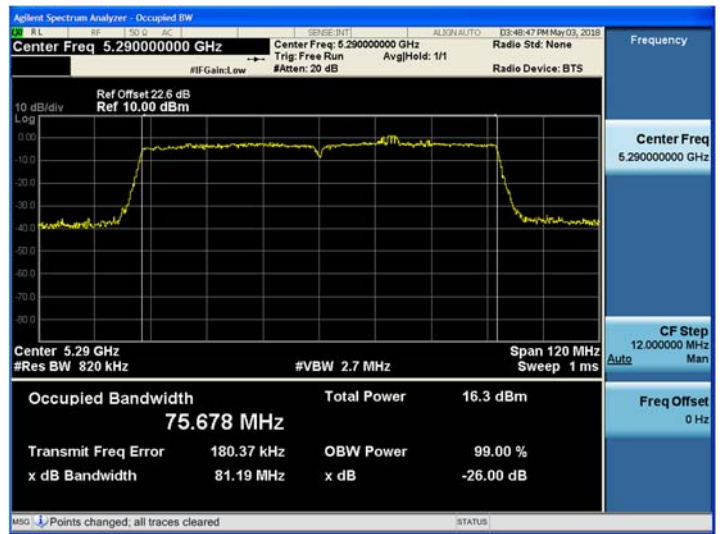
Note : This test is a combined bandwidth of 80 MHz plus 80 MHz.

**TEST Plot for Ant.0, 2\_802.11ac\_VHT160**

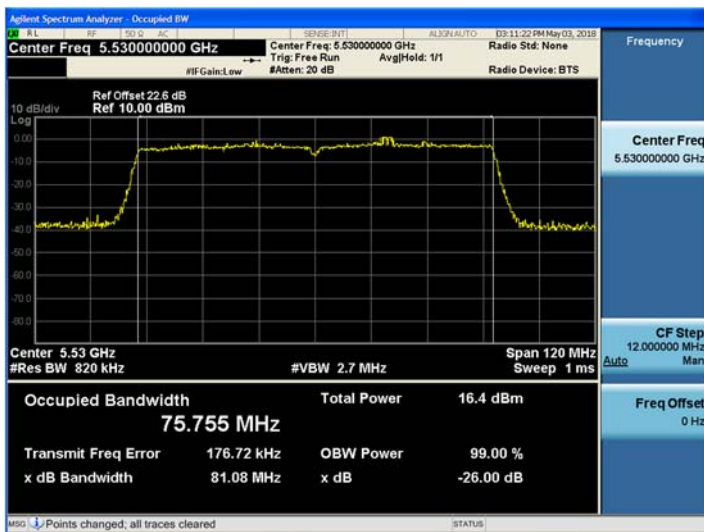
**802.11ac\_VHT160 26dB Bandwidth(CH 42)**



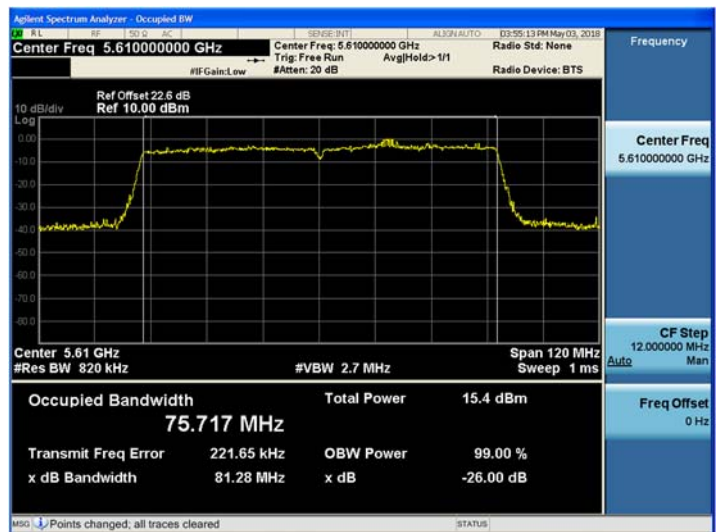
**802.11ac\_VHT160 26dB Bandwidth(CH 58)**



**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	81.16	N/A	Pass
5290	58	80.78	N/A	Pass

**Conducted 26 dB Bandwidth Measurements for 802.11ac\_VHT160**

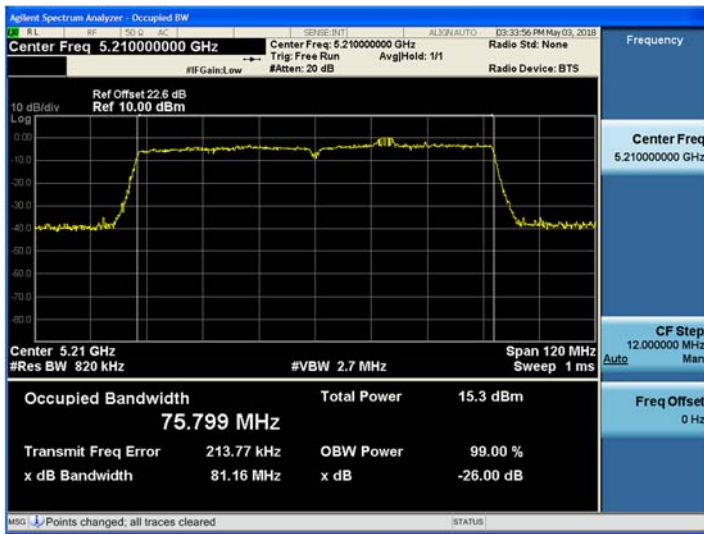
802.11ac_VHT160 Mode		Measured Bandwidth [MHz]	Minimum Bandwidth [MHz]	Pass / Fail
Frequency [MHz]	Channel No.			
5530	106	81.22	N/A	Pass
5610	122	80.60	N/A	Pass

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

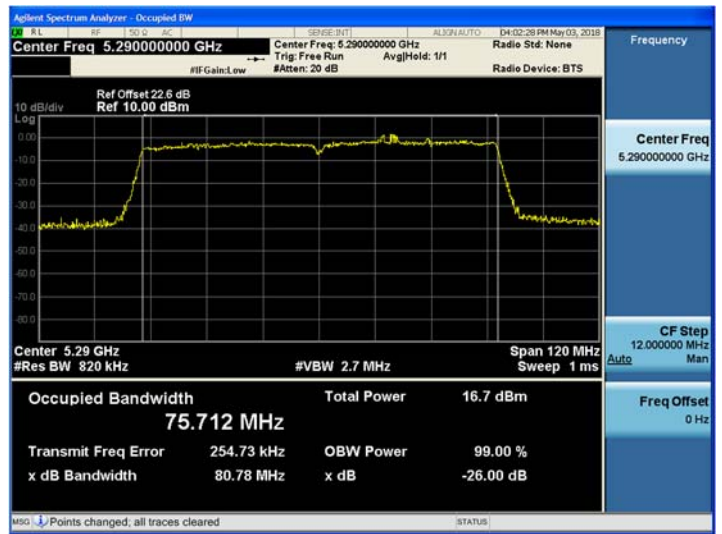


**TEST Plot for Ant.1, 3\_802.11ac\_VHT160**

**802.11ac\_VHT160 26dB Bandwidth(CH 42)**



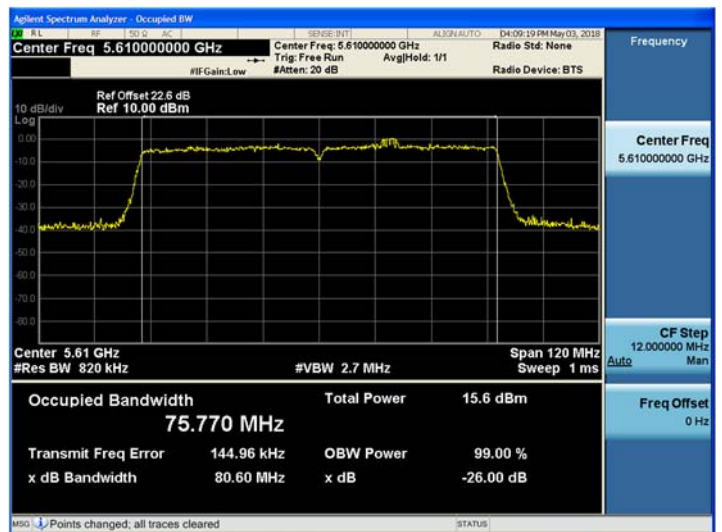
**802.11ac\_VHT160 26dB Bandwidth(CH 58)**



**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.

**Conducted 6 dB Bandwidth**

**■ TEST RESULTS for Ant.0\_802.11a/n\_HT20/ac\_VHT20**

**Conducted 6 dB Bandwidth Measurements for 802.11a**

802.11a Mode		Measured Bandwidth [MHz]	Minimum Bandwidth [MHz]	Pass / Fail
Frequency [MHz]	Channel No.			
5745	149	16.40	0.5	Pass
5785	157	16.40	0.5	Pass
5825	165	16.40	0.5	Pass

**Conducted 6 dB Bandwidth Measurements for 802.11n\_HT20**

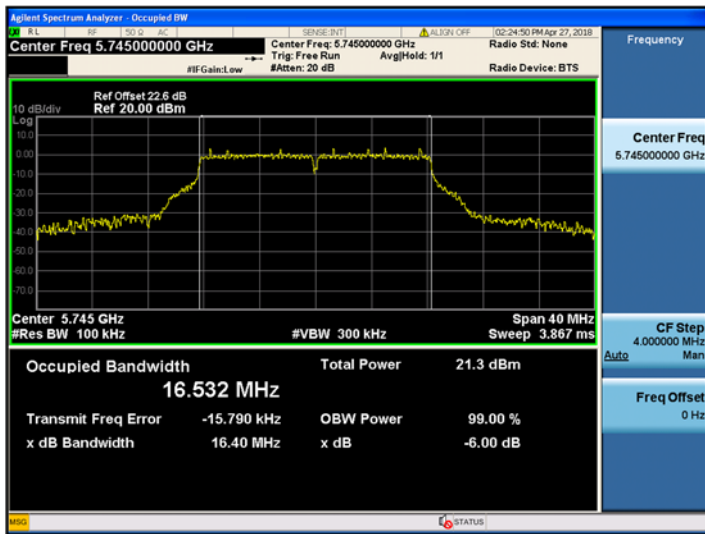
802.11n_HT20 Mode		Measured Bandwidth [MHz]	Minimum Bandwidth [MHz]	Pass / Fail
Frequency [MHz]	Channel No.			
5745	149	17.62	0.5	Pass
5785	157	17.60	0.5	Pass
5825	165	17.62	0.5	Pass

**Conducted 6 dB Bandwidth Measurements for 802.11ac\_VHT20**

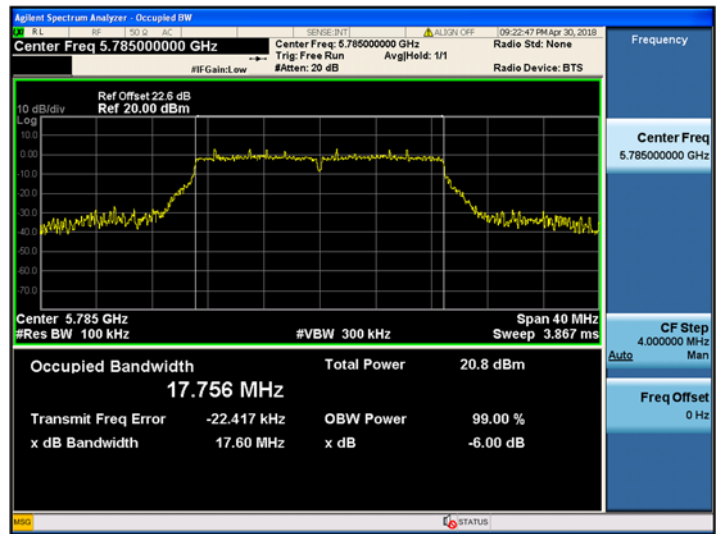
802.11ac_VHT20 Mode		Measured Bandwidth [MHz]	Minimum Bandwidth [MHz]	Pass / Fail
Frequency [MHz]	Channel No.			
5745	149	17.60	0.5	Pass
5785	157	17.64	0.5	Pass
5825	165	17.66	0.5	Pass

**TEST PlotS for 802.11a/n\_HT20/ac\_VHT20**

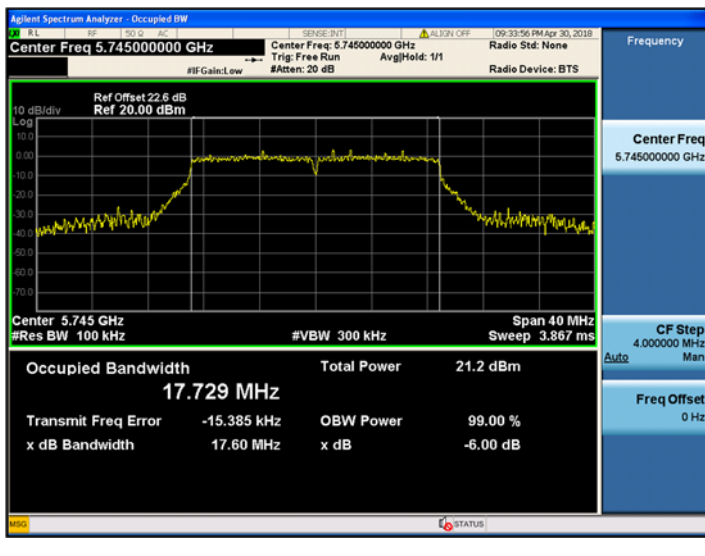
**802.11a UNII 3 BAND 6dB Bandwidth (CH.149)**



**802.11n\_HT20 UNII 3 BAND 6dB Bandwidth(CH.157)**



**802.11ac\_VHT20 UNII 3 BAND 6dB Bandwidth(CH.149)**



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

■ TEST RESULTS for Ant.1\_802.11a/n\_HT20/ac\_VHT20

Conducted 6 dB Bandwidth Measurements for 802.11a

802.11a Mode		Measured Bandwidth [MHz]	Minimum Bandwidth [MHz]	Pass / Fail
Frequency [MHz]	Channel No.			
5745	149	16.41	0.5	Pass
5785	157	16.38	0.5	Pass
5825	165	16.41	0.5	Pass

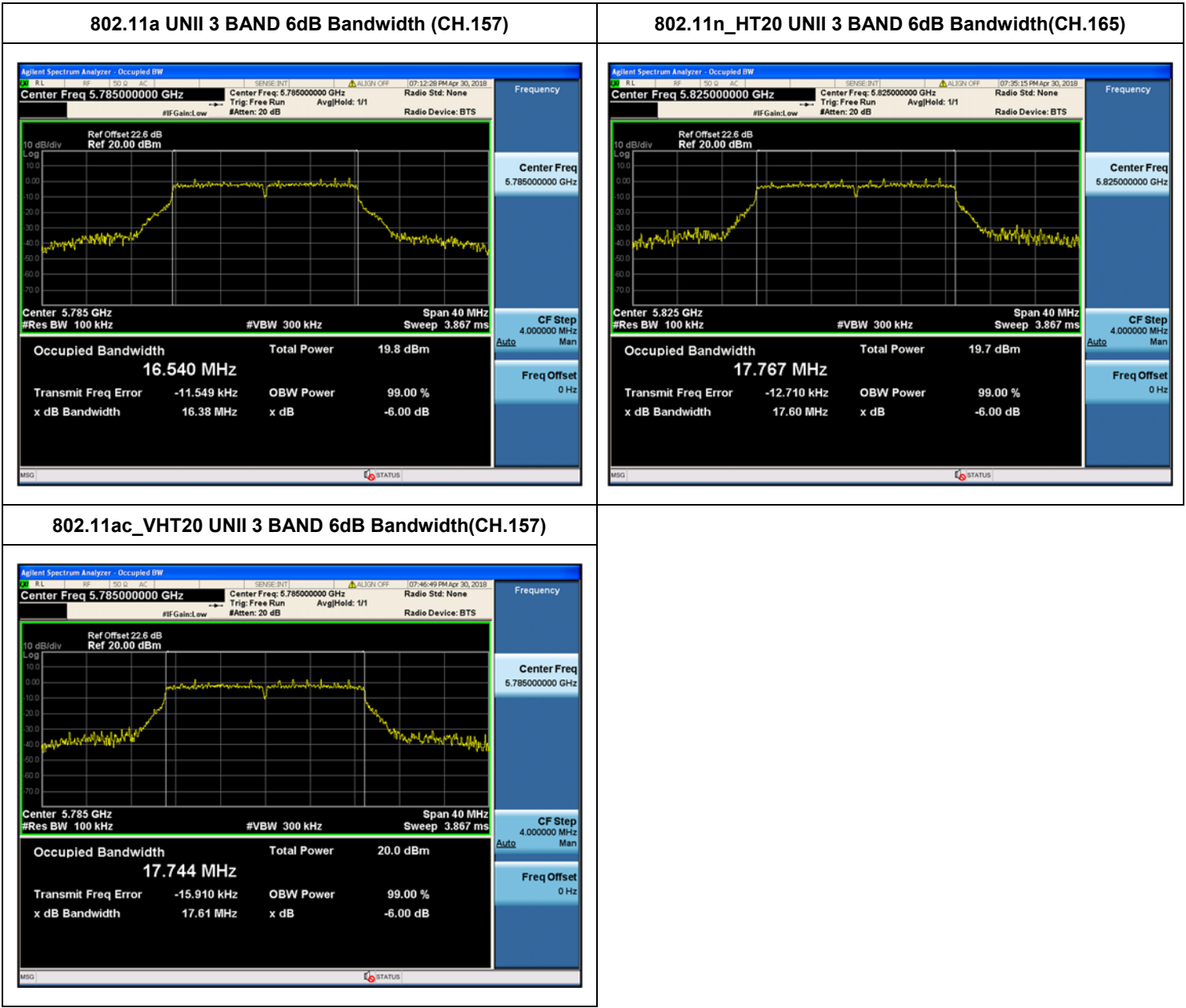
Conducted 6 dB Bandwidth Measurements for 802.11n\_HT20

802.11n_HT20 Mode		Measured Bandwidth [MHz]	Minimum Bandwidth [MHz]	Pass / Fail
Frequency [MHz]	Channel No.			
5745	149	17.61	0.5	Pass
5785	157	17.67	0.5	Pass
5825	165	17.60	0.5	Pass

Conducted 6 dB Bandwidth Measurements for 802.11ac\_VHT20

802.11ac_VHT20 Mode		Measured Bandwidth [MHz]	Minimum Bandwidth [MHz]	Pass / Fail
Frequency [MHz]	Channel No.			
5745	149	17.67	0.5	Pass
5785	157	17.61	0.5	Pass
5825	165	17.61	0.5	Pass

**TEST PlotS for Ant.1\_802.11a/n\_HT20/ac\_VHT20**



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

■ **TEST RESULTS for Ant.2\_802.11a/n\_HT20/ac\_VHT20**

Conducted 6 dB Bandwidth Measurements for 802.11a

802.11a Mode		Measured Bandwidth [MHz]	Minimum Bandwidth [MHz]	Pass / Fail
Frequency [MHz]	Channel No.			
5745	149	16.37	0.5	Pass
5785	157	16.40	0.5	Pass
5825	165	16.41	0.5	Pass

Conducted 6 dB Bandwidth Measurements for 802.11n\_HT20

802.11n_HT20 Mode		Measured Bandwidth [MHz]	Minimum Bandwidth [MHz]	Pass / Fail
Frequency [MHz]	Channel No.			
5745	149	17.61	0.5	Pass
5785	157	17.62	0.5	Pass
5825	165	17.62	0.5	Pass

Conducted 6 dB Bandwidth Measurements for 802.11ac\_VHT20

802.11ac_VHT20 Mode		Measured Bandwidth [MHz]	Minimum Bandwidth [MHz]	Pass / Fail
Frequency [MHz]	Channel No.			
5745	149	17.60	0.5	Pass
5785	157	17.62	0.5	Pass
5825	165	17.66	0.5	Pass