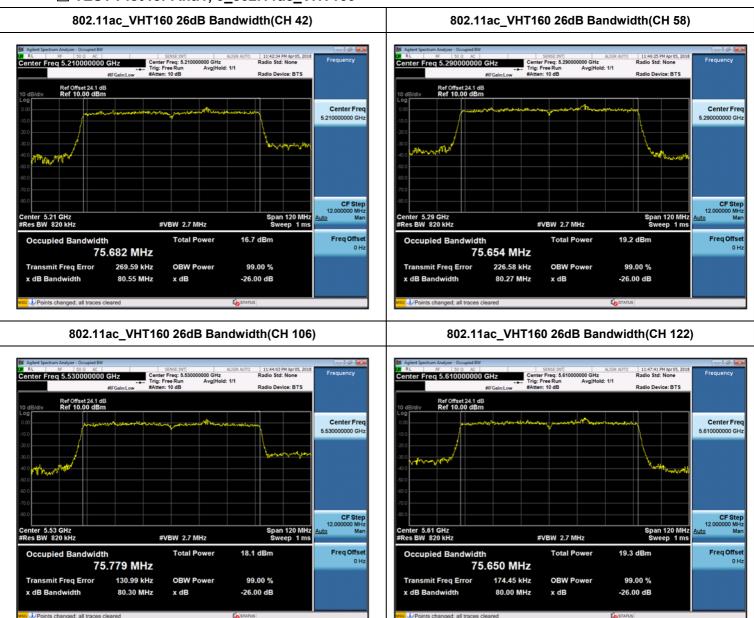
FCC ID: WQTVM3000G

■ TEST Plot for Ant.1, 3_802.11ac_VHT160



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

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Conducted 6 dB Bandwidth

■ TEST RESULTS for Ant.0_802.11a/n_HT20/ac_VHT20

Conducted 6 dB Bandwidth Measurements for 802.11a

FCC ID: WQTVM3000G

802.11a Mode		Measured Bandwidth Minimum Bandwidth	Minimum Bandwidth	
Frequency [MHz]	Channel No.	[MHz]	[MHz]	Pass / Fail
5745	149	16.39	0.5	Pass
5785	157	16.43	0.5	Pass
5825	165	16.42	0.5	Pass

Conducted 6 dB Bandwidth Measurements for 802.11n_HT20

802.11n_HT20 Mode		Measured Bandwidth	Minimum Bandwidth	D (F !)
Frequency [MHz]	Channel No.	[MHz]	[MHz]	Pass / Fail
5745	149	17.64	0.5	Pass
5785	157	17.62	0.5	Pass
5825	165	17.63	0.5	Pass

Conducted 6 dB Bandwidth Measurements for 802.11ac_VHT20

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

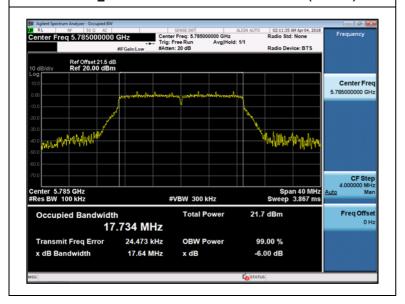
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FCC ID: WQTVM3000G

■ TEST PlotS for 802.11a/n_HT20/ac_VHT20

802.11a UNII 3 BAND 6dB Bandwidth (CH.157) 802.11n_HT20 UNII 3 BAND 6dB Bandwidth(CH.149) enter Freq 5.745000000 GHz Ref Offset 21.5 dB Ref 20.00 dBm Ref Offset 21.5 dB Ref 20.00 dBm Center Free 5.745000000 GH: Center Free Center 5.785 GHz Res BW 100 kHz Span 40 MHz eep 3.867 ms #VBW 300 kHz #VBW 300 kHz 21.9 dBm Freq Offse Occupied Bandwidth Occupied Bandwidth 16.546 MHz 17.727 MHz Transmit Freq Error 26.090 kHz **OBW Power** 99.00 % Transmit Freq Error 15.277 kHz **OBW Power** 99.00 % 17.64 MHz 16.43 MHz -6.00 dB -6.00 dB x dB Bandwidth x dB Bandwidth x dB x dB

802.11ac_VHT20 UNII 3 BAND 6dB Bandwidth(CH.157)



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

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FCC ID: WQTVM3000G

■ TEST RESULTS for Ant.1_802.11a/n_HT20/ac_VHT20

Conducted 6 dB Bandwidth Measurements for 802.11a

802.11a Mode		Measured Bandwidth	Minimum Bandwidth	
Frequency [MHz]	Channel No.	[MHz]	[MHz]	Pass / Fail
5745	149	16.37	0.5	Pass
5785	157	16.38	0.5	Pass
5825	165	16.43	0.5	Pass

Conducted 6 dB Bandwidth Measurements for 802.11n_HT20

802.11n_HT20 Mode		Measured Bandwidth	Minimum Bandwidth	5 (5 "
Frequency [MHz]	Channel No.	[MHz]	[MHz]	Pass / Fail
5745	149	17.63	0.5	Pass
5785	157	17.64	0.5	Pass
5825	165	17.63	0.5	Pass

Conducted 6 dB Bandwidth Measurements for 802.11ac_VHT20

802.11ac_VHT20 Mode		Measured Bandwidth Minimum Bandwidth		
Frequency [MHz]	Channel No.	[MHz]	[MHz]	Pass / Fail
5745	149	17.66	0.5	Pass
5785	157	17.62	0.5	Pass
5825	165	17.63	0.5	Pass

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FCC ID: WQTVM3000G

■ TEST PlotS for Ant.1_802.11a/n_HT20/ac_VHT20

802.11a UNII 3 BAND 6dB Bandwidth (CH.165) Ref Offset 21.5 dB Ref 20.00 dBm Center 5.825 GHz Res BW 100 kHz Span 40 MHz eep 3.867 ms #VBW 300 kHz Occupied Bandwidth 16.547 MHz Transmit Freq Error 39.852 kHz **OBW Power** 99.00 % Transmit Freq Error 16.43 MHz -6.00 dB x dB Bandwidth x dB Bandwidth x dB

| Separation | Sep

OBW Power

x dB

99.00 %

-6.00 dB

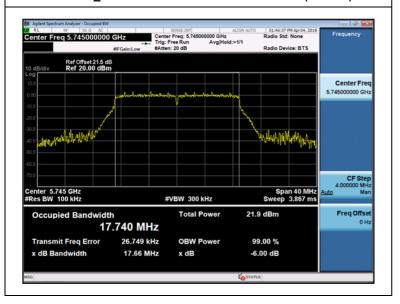
17.728 MHz

29.998 kHz

17.64 MHz

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 wide channel.

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FCC ID: WQTVM3000G

■ TEST RESULTS for Ant.2_802.11a/n_HT20/ac_VHT20

Conducted 6 dB Bandwidth Measurements for 802.11a

802.11a Mode		Measured Bandwidth Minimum Band	Minimum Bandwidth	ath
Frequency [MHz]	Channel No.	[MHz]	[MHz]	Pass / Fail
5745	149	16.41	0.5	Pass
5785	157	16.41	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	Minimum Bandwidth	_ ,
Frequency [MHz]	Channel No.	[MHz]	[MHz]	Pass / Fail
5745	149	17.63	0.5	Pass
5785	157	17.67	0.5	Pass
5825	165	17.65	0.5	Pass

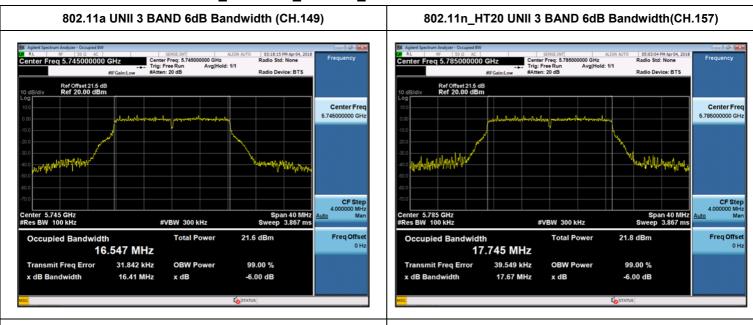
Conducted 6 dB Bandwidth Measurements for 802.11ac_VHT20

802.11ac_VHT20 Mode		Measured Bandwidth	Minimum Bandwidth	
Frequency [MHz]	Channel No.	[MHz]	[MHz]	Pass / Fail
5745	149	17.62	0.5	Pass
5785	157	17.62	0.5	Pass
5825	165	17.65	0.5	Pass

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FCC ID: WQTVM3000G

■ TEST PlotS for Ant.2_802.11a/n_HT20/ac_VHT20







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

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■ TEST RESULTS for Ant.3_802.11a/n_HT20/ac_VHT20

Conducted 6 dB Bandwidth Measurements for 802.11a

FCC ID: WQTVM3000G

802.11a Mode		Measured Bandwidth Minimum Bandwidth		
Frequency [MHz]	Channel No.	[MHz]	[MHz]	Pass / Fail
5745	149	16.39	0.5	Pass
5785	157	16.41	0.5	Pass
5825	165	16.39	0.5	Pass

Conducted 6 dB Bandwidth Measurements for 802.11n_HT20

802.11n_HT20 Mode		Measured Bandwidth Minimum Bandwidth	D / F !!	
Frequency [MHz]	Channel No.	[MHz]	[MHz]	Pass / Fail
5745	149	17.64	0.5	Pass
5785	157	17.68	0.5	Pass
5825	165	17.65	0.5	Pass

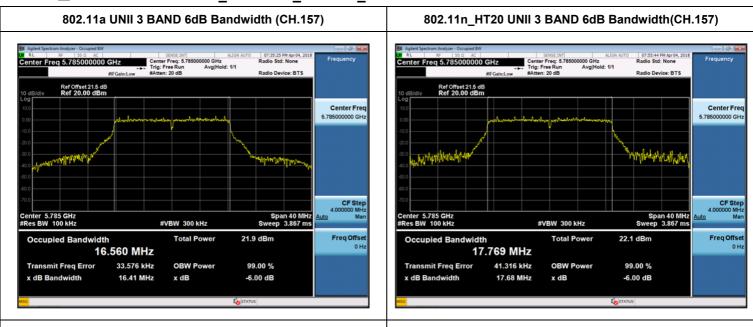
Conducted 6 dB Bandwidth Measurements for 802.11ac_VHT20

802.11ac_VHT20 Mode		Measured Bandwidth Minimum Bandwidth		
Frequency [MHz]	Channel No.	[MHz]	[MHz]	Pass / Fail
5745	149	17.61	0.5	Pass
5785	157	17.61	0.5	Pass
5825	165	17.64	0.5	Pass

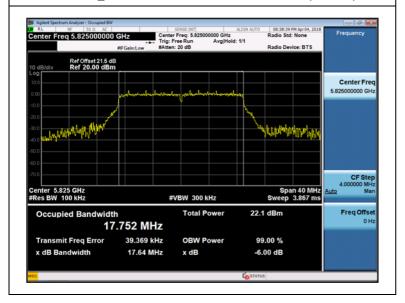
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FCC ID: WQTVM3000G

■ TEST PlotS for Ant.3_802.11a/n_HT20/ac_VHT20



802.11ac_VHT20 UNII 3 BAND 6dB Bandwidth(CH.165)



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

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■ TEST RESULTS for Ant.0_802.11n_HT40/ac_VHT40

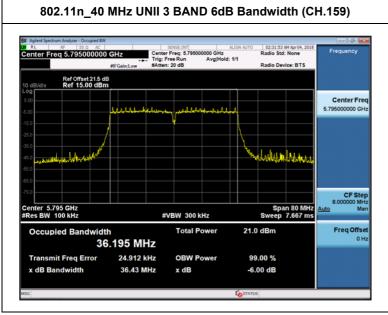
Conducted 6 dB Bandwidth Measurements for 802.11n_HT40

802.11n_HT40 Mode		Measured Bandwidth	Minimum Bandwidth	D / F.:!!
Frequency [MHz]	Channel No.	[MHz]	[MHz]	Pass / Fail
5755	151	36.42	0.5	Pass
5795	159	36.43	0.5	Pass

Conducted 6 dB Bandwidth Measurements for 802.11ac_VHT40

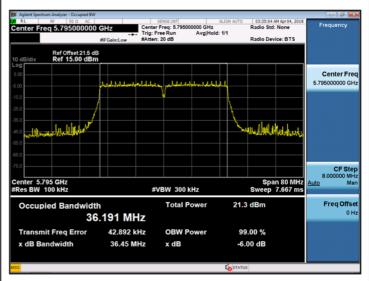
802.11ac_VHT40 Mode		Measured Bandwidth	Minimum Bandwidth	Dana (Fall
Frequency [MHz]	Channel No.	[MHz]	[MHz]	Pass / Fail
5755	151	36.43	0.5	Pass
5795	159	36.45	0.5	Pass

■ TEST Plots for Ant.0_802.11n_HT40/ac_VHT40



802.11ac_VHT40 UNII 3 BAND 6dB Bandwidth(CH.159)

FCC ID: WQTVM3000G



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■ TEST RESULTS for Ant.1_802.11n_HT40/ac_VHT40

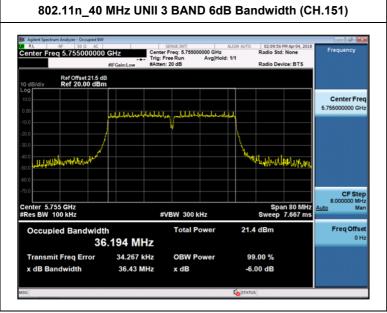
Conducted 6 dB Bandwidth Measurements for 802.11n_HT40

802.11n_HT40 Mode		Measured Bandwidth	Minimum Bandwidth	Dana / Fall
Frequency [MHz]	Channel No.	[MHz]	[MHz]	Pass / Fail
5755	151	36.43	0.5	Pass
5795	159	36.43	0.5	Pass

Conducted 6 dB Bandwidth Measurements for 802.11ac_VHT40

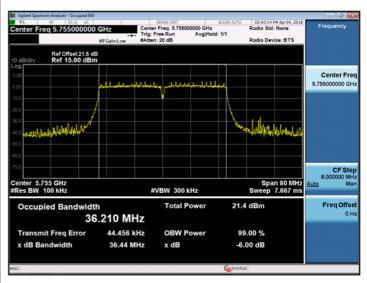
802.11ac_VHT40 Mode		Measured Bandwidth	Minimum Bandwidth	D (5 !)
Frequency [MHz]	Channel No.	[MHz]	[MHz]	Pass / Fail
5755	151	36.44	0.5	Pass
5795	159	36.41	0.5	Pass

■ TEST Plots for Ant.1_802.11n_HT40/ac_VHT40



802.11ac_VHT40 UNII 3 BAND 6dB Bandwidth(CH.151)

FCC ID: WQTVM3000G



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■ TEST RESULTS for Ant.2_802.11n_HT40/ac_VHT40

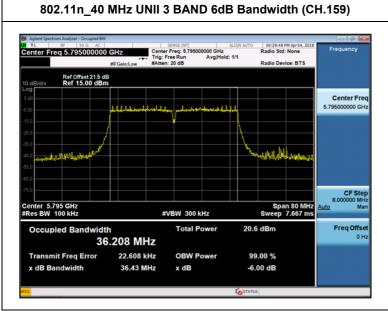
Conducted 6 dB Bandwidth Measurements for 802.11n_HT40

802.11n_HT40 Mode		Measured Bandwidth	Minimum Bandwidth	D / F.:!!
Frequency [MHz]	Channel No.	[MHz]	[MHz]	Pass / Fail
5755	151	36.42	0.5	Pass
5795	159	36.43	0.5	Pass

Conducted 6 dB Bandwidth Measurements for 802.11ac_VHT40

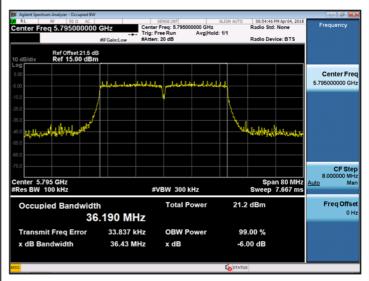
802.11ac_VHT40 Mode		Measured Bandwidth	Minimum Bandwidth	5 (5)
Frequency [MHz]	Channel No.	[MHz]	[MHz]	Pass / Fail
5755	151	36.42	0.5	Pass
5795	159	36.43	0.5	Pass

■ TEST Plots for Ant.2_802.11n_HT40/ac_VHT40



802.11ac_VHT40 UNII 3 BAND 6dB Bandwidth(CH.159)

FCC ID: WQTVM3000G



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■ TEST RESULTS for Ant.3_802.11n_HT40/ac_VHT40

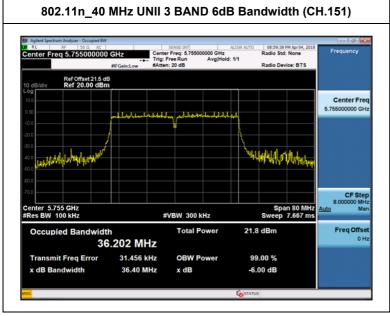
Conducted 6 dB Bandwidth Measurements for 802.11n_HT40

802.11n_HT40 Mode		Measured Bandwidth	Minimum Bandwidth	D / F.:!!
Frequency [MHz]	Channel No.	[MHz]	[MHz]	Pass / Fail
5755	151	36.40	0.5	Pass
5795	159	36.39	0.5	Pass

Conducted 6 dB Bandwidth Measurements for 802.11ac_VHT40

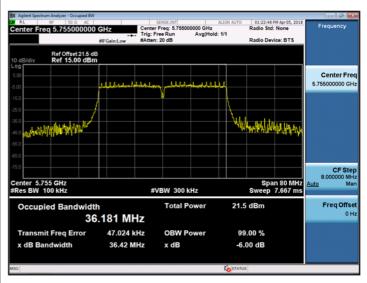
802.11ac_VHT40 Mode		Measured Bandwidth	Minimum Bandwidth	D (F !)
Frequency [MHz]	Channel No.	[MHz]	[MHz]	Pass / Fail
5755	151	36.42	0.5	Pass
5795	159	36.42	0.5	Pass

■ TEST Plots for Ant.31_802.11n_HT40/ac_VHT40



802.11ac_VHT40 UNII 3 BAND 6dB Bandwidth(CH.151)

FCC ID: WQTVM3000G



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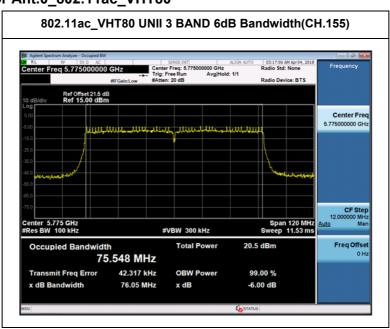
FCC ID: WQTVM3000G

■ TEST RESULTS Ant.0_for 802.11ac_VHT80

Conducted 6 dB Bandwidth Measurements for 802.11ac_VHT80

802.11ac_VHT80 Mode		Measured Bandwidth	Minimum Bandwidth	Dana (Fall
Frequency [MHz]	Channel No.	[MHz]	[MHz]	Pass / Fail
5775	155	76.05	0.5	Pass

■ TEST Plots for Ant.0_802.11ac_VHT80



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

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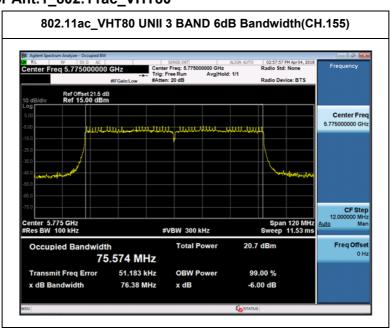
FCC ID: WQTVM3000G

■ TEST RESULTS Ant.1_for 802.11ac_VHT80

Conducted 6 dB Bandwidth Measurements for 802.11ac_VHT80

802.11ac_VHT80 Mode		Measured Bandwidth	Minimum Bandwidth	D /5 "
Frequency [MHz]	Channel No.	[MHz]	[MHz]	Pass / Fail
5775	155	76.38	0.5	Pass

■ TEST Plots for Ant.1_802.11ac_VHT80



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

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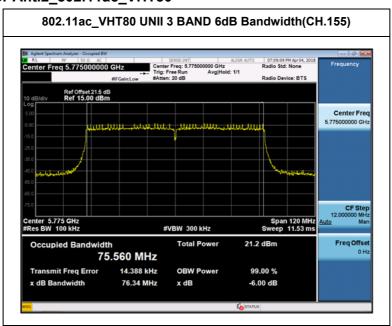
FCC ID: WQTVM3000G

■ TEST RESULTS Ant.2_for 802.11ac_VHT80

Conducted 6 dB Bandwidth Measurements for 802.11ac_VHT80

802.11ac_VHT80 Mode		Measured Bandwidth	Minimum Bandwidth	Dana (Fall
Frequency [MHz]	Channel No.	[MHz]	[MHz]	Pass / Fail
5775	155	76.34	0.5	Pass

■ TEST Plots for Ant.2_802.11ac_VHT80



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

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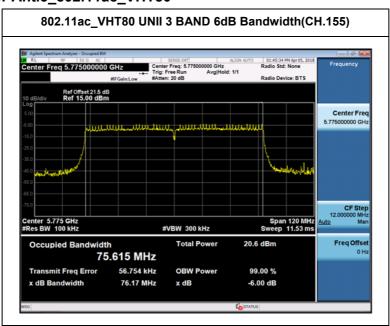
FCC ID: WQTVM3000G

■ TEST RESULTS Ant.3_for 802.11ac_VHT80

Conducted 6 dB Bandwidth Measurements for 802.11ac_VHT80

802.11ac_VHT80 Mode		Measured Bandwidth	Minimum Bandwidth	Dana (Fall
Frequency [MHz]	Channel No.	[MHz]	[MHz]	Pass / Fail
5775	155	76.17	0.5	Pass

■ TEST Plots for Ant.3_802.11ac_VHT80



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

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FCC ID: WQTVM3000G

■ Straddle channels TEST RESULTS_Ant 0

Conducted Bandwidth Measurements for 802.11a/n_HT20/ac_VHT20 (UNII 2C Band)

	,					
Mode	Frequency [MHz]	Channel No.	Measured Bandwidth [MHz]	Minimum Bandwidth [MHz]	Pass / Fail	
802.11a	5720		15.56	N/A	Pass	
802.11n		144	15.52	N/A	Pass	
802.11ac			15.68	N/A	Pass	

Conducted Bandwidth Measurements for 802.11a/n_HT20/ac_VHT20 (UNII 3 Band)

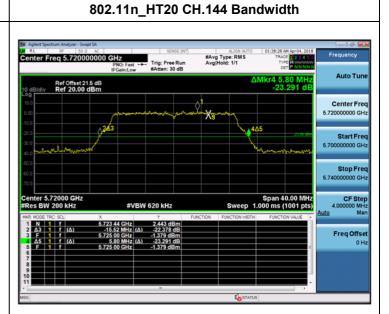
Mode	Frequency [MHz]	Channel No.	Measured Bandwidth [MHz]	Minimum Bandwidth [MHz]	Pass / Fail
802.11a	5720		5.72	N/A	Pass
802.11n		144	5.80	5.80 N/A	Pass
802.11ac			5.76	N/A	Pass

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FCC ID: WQTVM3000G

■ Straddle channels TEST Plot for 802.11a/n_HT20/ac_VHT20_Ant 0



802.11ac_VHT20 CH.144 Bandwidth



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FCC ID: WQTVM3000G

■ Straddle channels TEST RESULTS_Ant 1

Conducted Bandwidth Measurements for 802.11a/n_HT20/ac_VHT20 (UNII 2C Band)

Mode	Frequency [MHz]	Channel No.	Measured Bandwidth [MHz]	Minimum Bandwidth [MHz]	Pass / Fail
802.11a	5720		15.52	N/A	Pass
802.11n		144	15.72	N/A	Pass
802.11ac			15.64	N/A	Pass

Conducted Bandwidth Measurements for 802.11a/n_HT20/ac_VHT20 (UNII 3 Band)

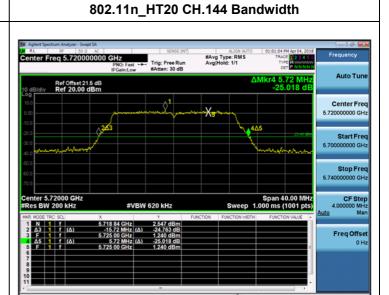
Mode	Frequency [MHz]	Channel No.	Measured Bandwidth [MHz]	Minimum Bandwidth [MHz]	Pass / Fail
802.11a	5720		5.68	N/A	Pass
802.11n		144	5.72	N/A	Pass
802.11ac			5.84	N/A	Pass

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FCC ID: WQTVM3000G

■ Straddle channels TEST Plot for 802.11a/n_HT20/ac_VHT20_Ant 1



802.11ac_VHT20 CH.144 Bandwidth



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FCC ID: WQTVM3000G

■ Straddle channels TEST RESULTS_Ant 2

Conducted Bandwidth Measurements for 802.11a/n_HT20/ac_VHT20 (UNII 2C Band)

Mode	Frequency [MHz]	Channel No.	Measured Bandwidth [MHz]	Minimum Bandwidth [MHz]	Pass / Fail
802.11a	5720		15.56	N/A	Pass
802.11n		144	15.64	N/A	Pass
802.11ac			15.72	N/A	Pass

Conducted Bandwidth Measurements for 802.11a/n_HT20/ac_VHT20 (UNII 3 Band)

Mode	Frequency [MHz]	Channel No.	Measured Bandwidth [MHz]	Minimum Bandwidth [MHz]	Pass / Fail
802.11a	5720		5.68	N/A	Pass
802.11n		144	5.72	N/A	Pass
802.11ac			5.84	N/A	Pass

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