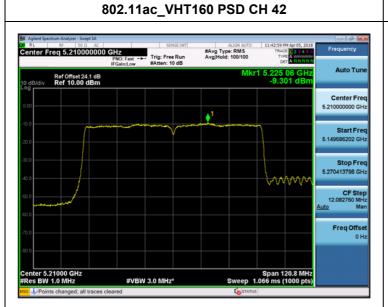


FCC ID: WQTVM3000G

■ TEST Plot for 802.11ac_VHT160_Ant.1, 3



802.11ac_VHT160 PSD CH 58



802.11ac_VHT160 PSD CH 106



802.11ac_VHT160 PSD CH 122



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FCC ID: WQTVM3000G

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

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

			Test Result					
Frequency (MHz)	Channel No.	Mode	Measured Power Density (dBm)	Duty Cycle Factor (dB)	Measured Power Density(dBm) + Duty Cycle Factor	Limit (dBm)	Pass/Fail	
		802.11a	1.312	0.222	1.534	11	Pass	
5720	144	802.11n	1.361	0.218	1.579	11	Pass	
		802.11ac	1.115	0.065	1.180	11	Pass	

Conducted Power Density Measurements (UNII 3 Band 5720MHz)

			Test Result					
Frequency (MHz)	Channel No.	Mode	Measured Power Density (dBm)	Duty Cycle Factor (dB)	Measured Power Density(dBm) + Duty Cycle Factor	Limit (dBm)	Pass/Fail	
		802.11a	-1.742	0.222	-1.520	30	Pass	
5720	144	802.11n	-1.992	0.218	-1.774	30	Pass	
		802.11ac	-1.936	0.065	-1.871	30	Pass	

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

802.11a UNII 2C Band PSD CH.144 | September | Septemb

802.11a UNII 3 Band PSD CH.144

802.11n_HT20 UNII 2C Band PSD CH.144

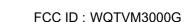


802.11n_HT20 UNII 3 Band PSD CH.144

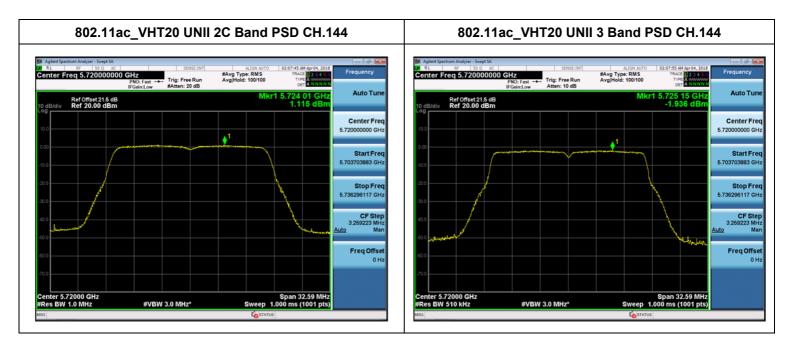
#VBW 3.0 MHz*



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FCC ID: WQTVM3000G

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

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

			Test Result					
Frequency (MHz)	Channel No.	Mode	Measured Power Density (dBm)	Duty Cycle Factor (dB)	Measured Power Density(dBm) + Duty Cycle Factor	Limit (dBm)	Pass/Fail	
		802.11a	1.976	0.222	2.198	11	Pass	
5720	144	802.11n	1.723	0.218	1.941	11	Pass	
		802.11ac	2.110	0.065	2.175	11	Pass	

Conducted Power Density Measurements (UNII 3 Band 5720MHz)

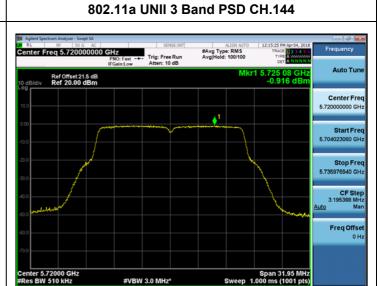
			Test Result					
Frequency (MHz)	Channel No.	Mode	Measured Power Density (dBm)	Duty Cycle Factor (dB)	Measured Power Density(dBm) + Duty Cycle Factor	Limit (dBm)	Pass/Fail	
		802.11a	-0.916	0.222	-0.694	30	Pass	
5720	144	802.11n	-1.679	0.218	-1.461	30	Pass	
		802.11ac	-1.132	0.065	-1.067	30	Pass	

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FCC ID: WQTVM3000G

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



802.11n_HT20 UNII 2C Band PSD CH.144



802.11n_HT20 UNII 3 Band PSD CH.144



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F-TP22-03 (Rev.00) 3 1 7 / 495 **HCT CO.,LTD.**



FCC ID: WQTVM3000G

■Straddle channels TEST RESULTS for 802.11a/n_HT20/ac_VHT20_Ant 2

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

			Test Result						
Frequency (MHz)	Channel No.	Mode	Measured Power Density (dBm)	Duty Cycle Factor (dB)	Measured Power Density(dBm) + Duty Cycle Factor	Limit (dBm)	Pass/Fail		
		802.11a	1.619	0.222	1.841	11	Pass		
5720	144	802.11n	1.142	0.218	1.360	11	Pass		
		802.11ac	1.424	0.065	1.489	11	Pass		

Conducted Power Density Measurements (UNII 3 Band 5720MHz)

			Test Result					
Frequency (MHz)	Channel No.	Mode	Measured Power Density (dBm)	Duty Cycle Factor (dB)	Measured Power Density(dBm) + Duty Cycle Factor	Limit (dBm)	Pass/Fail	
		802.11a	-1.470	0.222	-1.248	30	Pass	
5720	144	802.11n	-2.066	0.218	-1.848	30	Pass	
		802.11ac	-1.881	0.065	-1.816	30	Pass	

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FCC ID: WQTVM3000G

■Straddle channels TEST Plot for 802.11a/n_HT20/ac_VHT20_Ant 2

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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



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FCC ID: WQTVM3000G

■Straddle channels TEST RESULTS for 802.11a/n_HT20/ac_VHT20_Ant 3

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

			Test Result					
Frequency (MHz)	Channel No.	Mode	Measured Power Density (dBm)	Duty Cycle Factor (dB)	Measured Power Density(dBm) + Duty Cycle Factor	Limit (dBm)	Pass/Fail	
		802.11a	1.723	0.222	1.945	11	Pass	
5720	144	802.11n	1.472	0.218	1.690	11	Pass	
		802.11ac	1.591	0.065	1.656	11	Pass	

Conducted Power Density Measurements (UNII 3 Band 5720MHz)

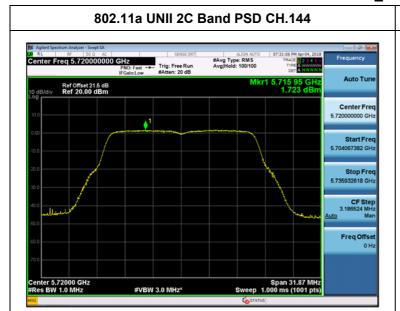
			Test Result					
Frequency (MHz)	Channel No.	Mode	Measured Power Density (dBm)	Duty Cycle Factor (dB)	Measured Power Density(dBm) + Duty Cycle Factor	Limit (dBm)	Pass/Fail	
		802.11a	-1.688	0.222	-1.466	30	Pass	
5720	144	802.11n	-1.705	0.218	-1.487	30	Pass	
		802.11ac	-1.712	0.065	-1.647	30	Pass	

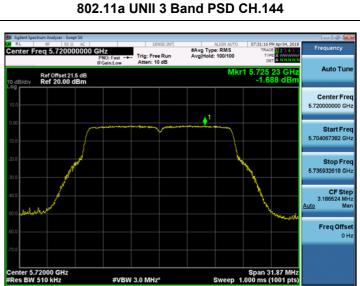
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■Straddle channels TEST Plot for 802.11a/n_HT20/ac_VHT20_Ant 3





802.11n_HT20 UNII 2C Band PSD CH.144



802.11n_HT20 UNII 3 Band PSD CH.144



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Report No.: HCT-RF-1804-FC050-R3 FCC ID: WQTVM3000G

802.11ac_VHT20 UNII 2C Band PSD CH.144 802.11ac_VHT20 UNII 3 Band PSD CH.144 802.11ac_VHT20 UN

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FCC ID: WQTVM3000G

■Straddle channels

TEST RESULTS for 802.11a/n_HT20/ac_VHT20_Sum Data of Ant.0 and Ant.1 and Ant.2 and Ant.3 (UNII 2C)

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

	Channel		Test Result				
	No.	Mode	Measured Power	Limit	Pass/Fail		
	110.		Density (dBm)	(dBm)			
5720	144	802.11a	7.90	8.98	Pass		
		802.11n	7.67	8.98	Pass		
		802.11ac	7.65	8.98	Pass		

TEST RESULTS for 802.11a/n_HT20/ac_VHT20_Sum Data of Ant.0 and Ant.1 (UNII 3) Conducted Power Density Measurements (UNII 3 Band 5720MHz)

	Channel		Test Result				
	No.	Mode	Measured Power	Limit	Pass/Fail		
	110.		Density (dBm)	(dBm)			
5720	144	802.11a	4.79	27.98	Pass		
		802.11n	4.38	27.98	Pass		
		802.11ac	4.43	27.98	Pass		

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FCC ID: WQTVM3000G

■Straddle channels TEST RESULTS for 802.11n_HT40/ac_VHT40_Ant 0

Conducted Power Density Measurements (UNII 2C Band 5710MHz)

			Test Result					
Frequency (MHz)	Channel No.	Mode	Measured Power Density (dBm)	Duty Cycle Factor (dB)	Measured Power Density(dBm) + Duty Cycle	Limit (dBm)	Pass/Fail	
					Factor			
5740	442	802.11n	-1.174	0.433	-0.741	11	Pass	
5710	142	802.11ac	-0.792	0.130	-0.662	11	Pass	

Conducted Power Density Measurements (UNII 3 Band 5710MHz)

					Test Result		
Frequency (MHz)	Channel No.	Mode	Measured Power Density (dBm)	Duty Cycle Factor (dB)	Measured Power Density(dBm) + Duty Cycle Factor	Limit (dBm)	Pass/Fail
	1.10	802.11n	-4.910	0.433	-4.477	30	Pass
5710	142	802.11ac	-4.799	0.130	-4.669	30	Pass

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FCC ID: WQTVM3000G

■Straddle channels TEST Plot for 802.11n_HT40/ac_VHT40_Ant 0

802.11n_HT40 UNII 2C Band PSD CH.142

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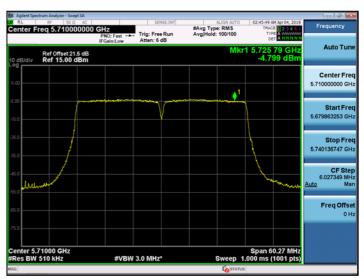
802.11n_HT40 UNII 3 Band PSD CH.142



802.11ac_VHT40 UNII 2C Band PSD CH.142



802.11ac_VHT40 UNII 3 Band PSD CH.142



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FCC ID: WQTVM3000G

■Straddle channels TEST RESULTS for 802.11n_HT40/ac_VHT40_Ant 1

Conducted Power Density Measurements (UNII 2C Band 5710MHz)

	Channel No.	Mode	Test Result					
Frequency (MHz)			Measured Power Density (dBm)	Duty Cycle Factor (dB)	Measured Power Density(dBm) + Duty Cycle	Limit (dBm)	Pass/Fail	
					Factor			
5710	142	802.11n	-0.561	0.433	-0.128	11	Pass	
		802.11ac	-0.394	0.130	-0.264	11	Pass	

Conducted Power Density Measurements (UNII 3 Band 5710MHz)

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	
5710	142	802.11n	-4.028	0.433	-3.595	30	Pass	
		802.11ac	-4.062	0.130	-3.932	30	Pass	

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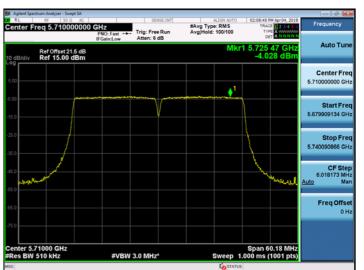
FCC ID: WQTVM3000G

■Straddle channels TEST Plot for 802.11n_HT40/ac_VHT40_Ant 1

802.11n_HT40 UNII 2C Band PSD CH.142



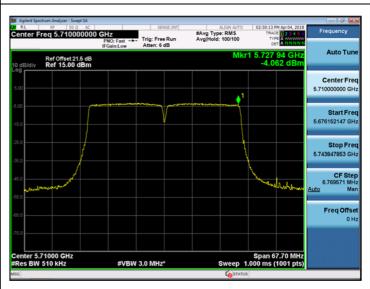
802.11n_HT40 UNII 3 Band PSD CH.142



802.11ac_VHT40 UNII 2C Band PSD CH.142



802.11ac_VHT40 UNII 3 Band PSD CH.142



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■Straddle channels TEST RESULTS for 802.11n_HT40/ac_VHT40_Ant 2

Conducted Power Density Measurements (UNII 2C Band 5710MHz)

FCC ID: WQTVM3000G

Frequency (MHz)	Channel No.	Mode	Test Result					
			Measured Power Density (dBm)	Duty Cycle Factor (dB)	Measured Power Density(dBm) + Duty Cycle	Limit (dBm)	Pass/Fail	
					Factor			
5710	142	802.11n	-1.490	0.433	-1.057	11	Pass	
		802.11ac	-0.847	0.130	-0.717	11	Pass	

Conducted Power Density Measurements (UNII 3 Band 5710MHz)

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	
5710	142	802.11n	-4.860	0.433	-4.427	30	Pass	
		802.11ac	-4.649	0.130	-4.519	30	Pass	

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