

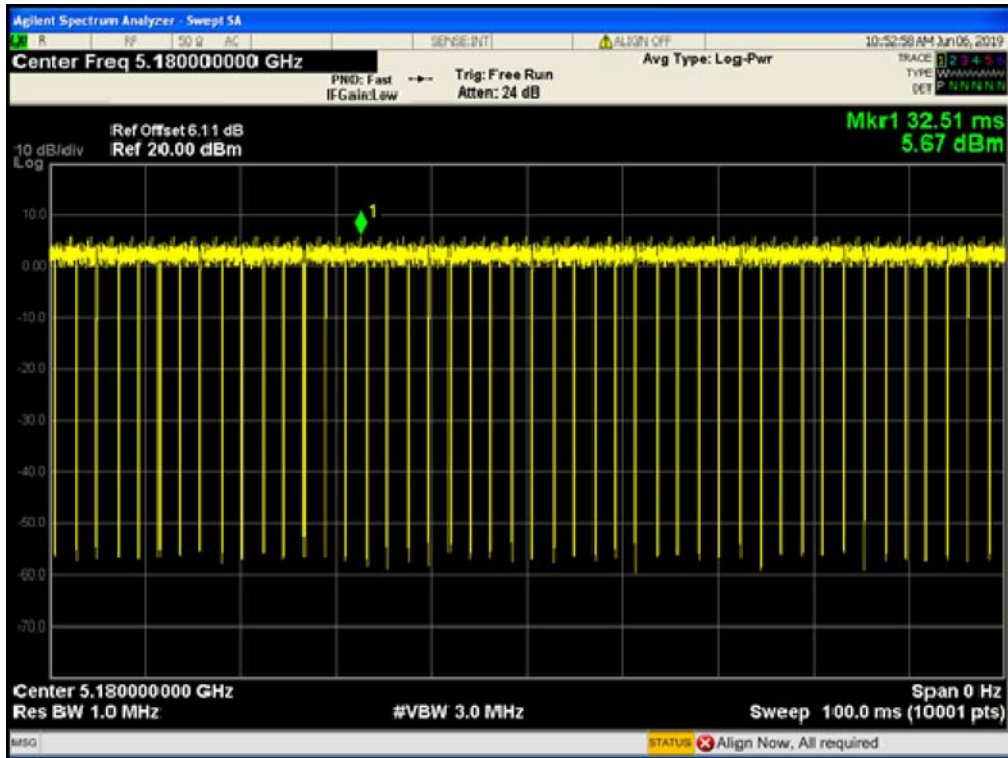
Attachment E-- Maximum Output Power Test Data

Temperature:	25 °C	Relative Humidity:	55%	
Test Voltage:	AC 120V/60Hz			
U-NII-1				
Test Mode	Frequency (MHz)	Test Data		Limit (dBm)
		Conducted Power(avg) (dBm)		
802.11a	5180	14.459		24
	5200	14.641		
	5240	14.106		
802.11n (HT20)	5180	14.355		
	5200	14.522		
	5240	14.322		
802.11ac (HT20)	5180	14.558		
	5200	14.763		
	5240	14.277		
802.11n (HT40)	5190	14.653		
	5230	14.443		
802.11 ac(40)	5190	14.547		
	5230	14.480		
802.11 ac(80)	5210	14.490		
Result: PASS				

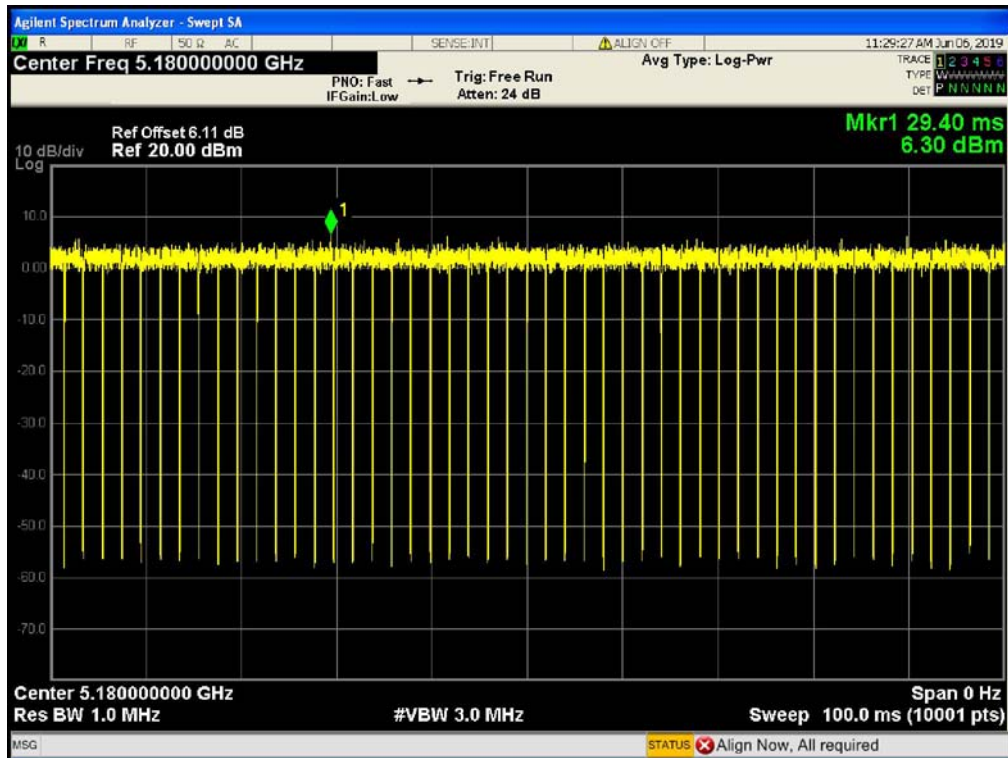
Temperature:	25 °C	Relative Humidity:	55%
Test Voltage:	AC 120V/60Hz		
U-NII-3			
Test Mode	Frequency (MHz)	Test Data	
		Conducted Power (avg) (dBm)	
802.11a	5745	14.686	
	5785	14.662	
	5825	14.830	
802.11n (HT20)	5745	14.813	
	5785	14.770	
	5825	14.853	
802.11ac (HT20)	5745	14.712	
	5785	14.595	
	5825	14.756	
802.11n (HT40)	5755	15.087	
	5795	14.924	
802.11 ac(40)	5755	15.050	
	5795	14.929	
802.11 ac(80)	5775	15.070	
Result: PASS			
30			

Test Mode		Duty cycle
U-NII-1	802.11 a	>98%
	802.11 n(HT20)	
	802.11 ac(HT20)	
	802.11 n(HT40)	
	802.11 ac(HT40)	
	802.11 ac(HT80)	
U-NII-3	802.11 a	
	802.11 n(HT20)	
	802.11 ac(HT20)	
	802.11 n(HT40)	
	802.11 ac(HT40)	
	802.11 ac(HT80)	
Please see the next plots.		

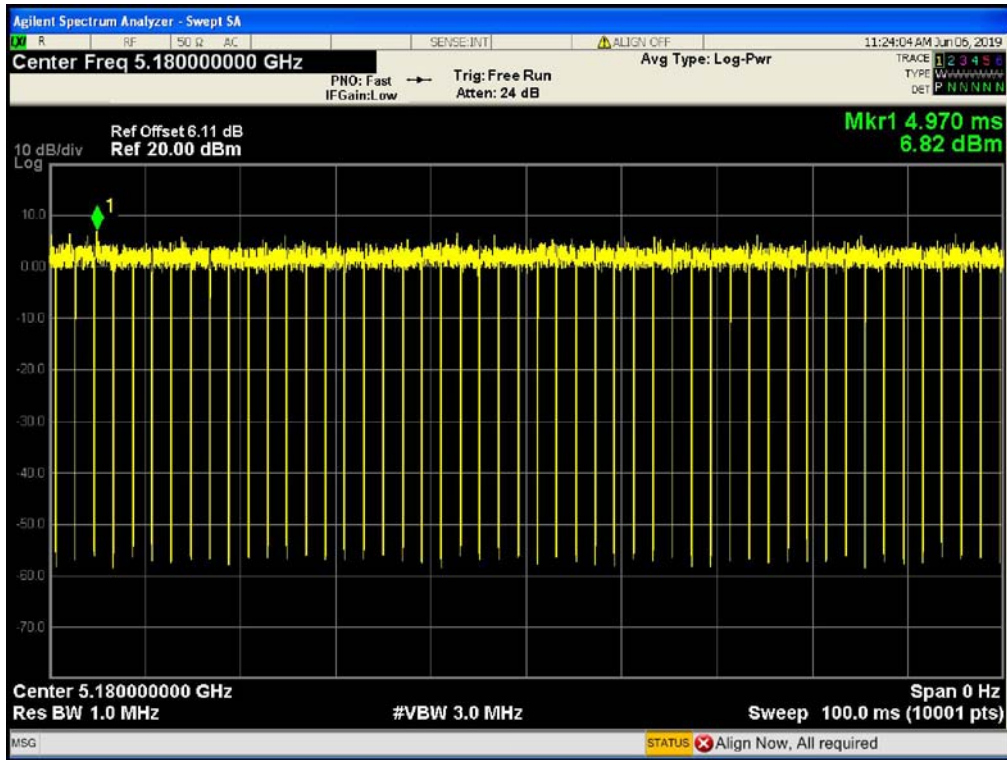
802.11 a 5180MHz U-NII-1



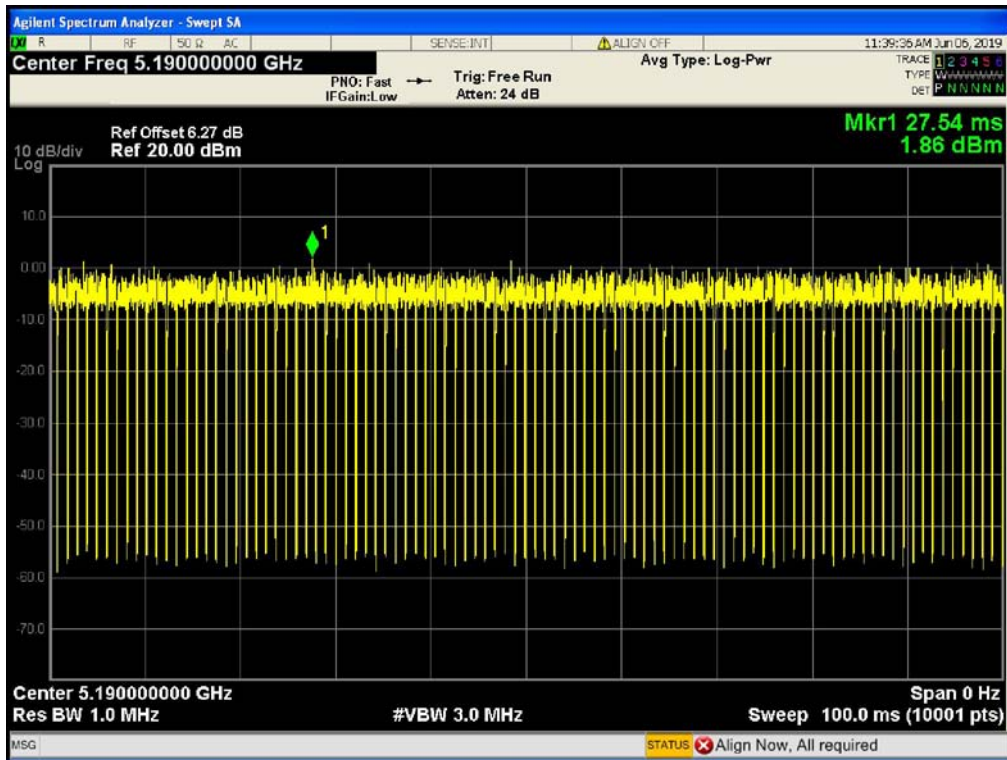
802.11 n(HT20) 5180MHz U-NII-1



802.11 ac(HT20) 5180MHz U-NII-1



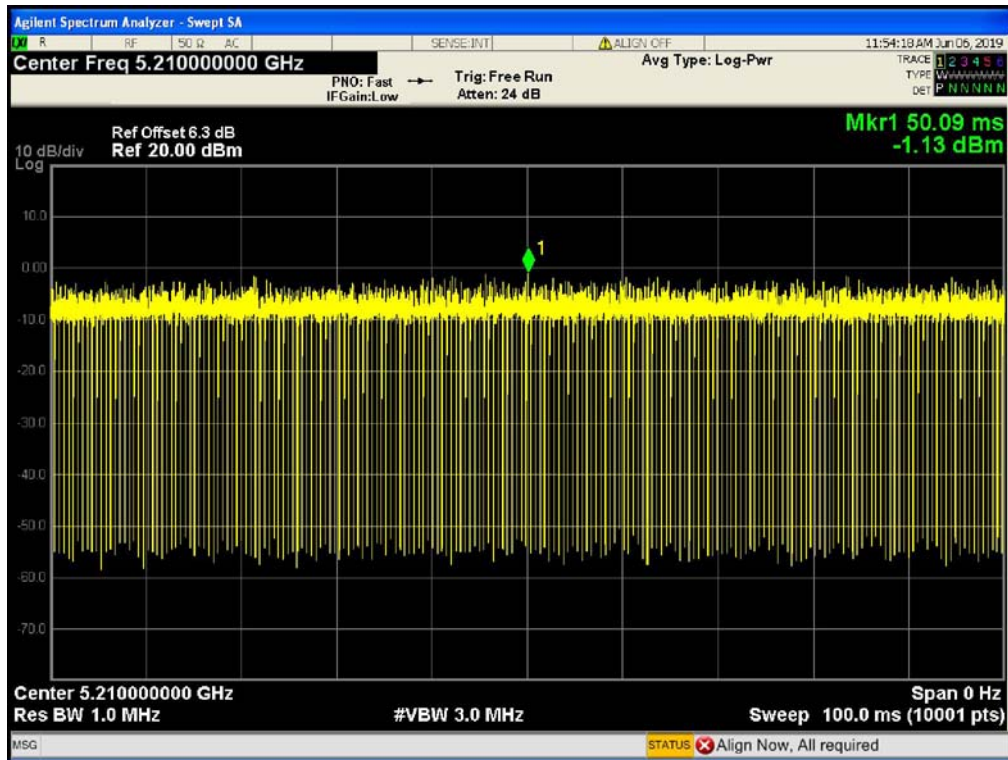
802.11 n(HT40) 5190MHz U-NII-1



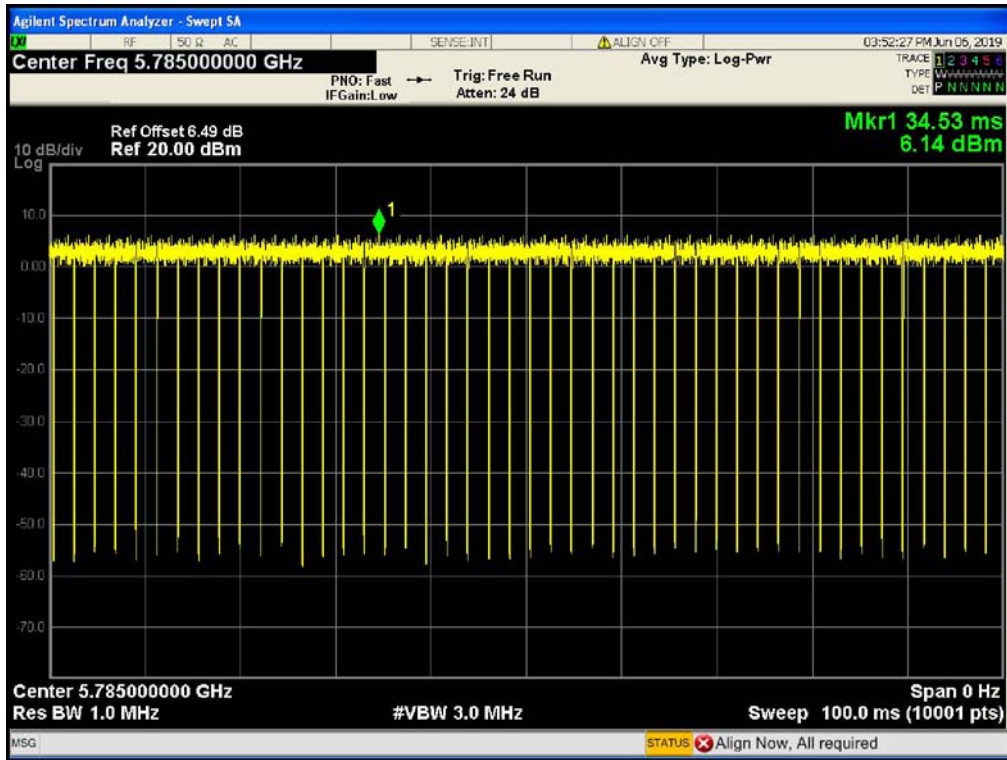
802.11 ac(HT40) 5190MHz U-NII-1



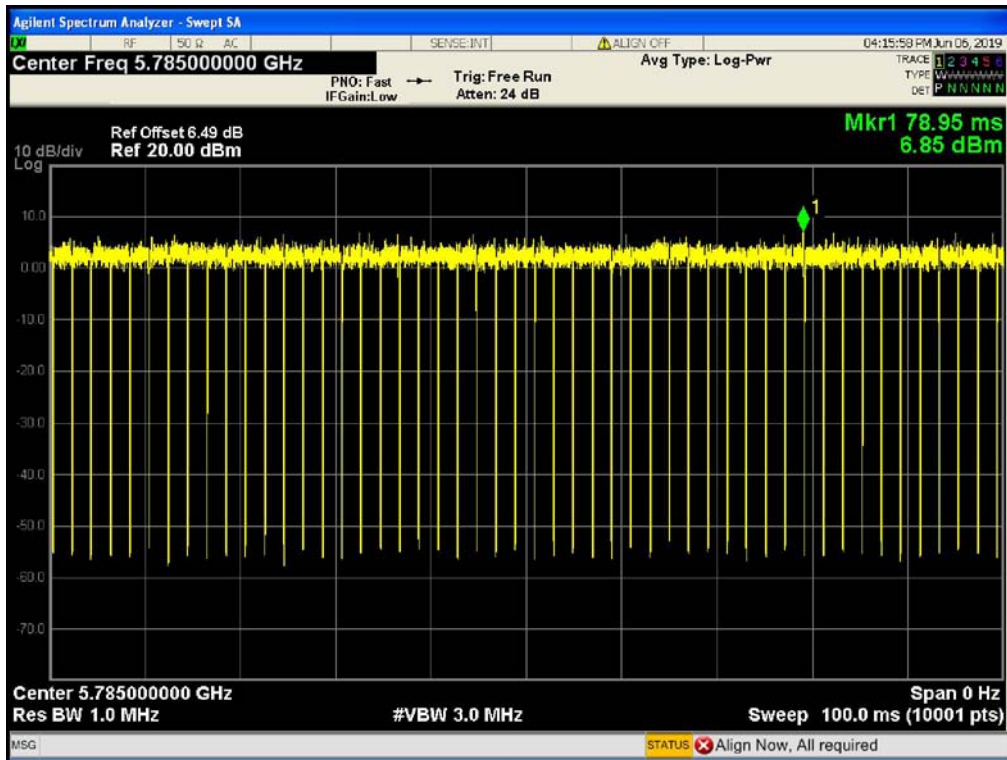
802.11 ac(HT80) 5210MHz U-NII-1



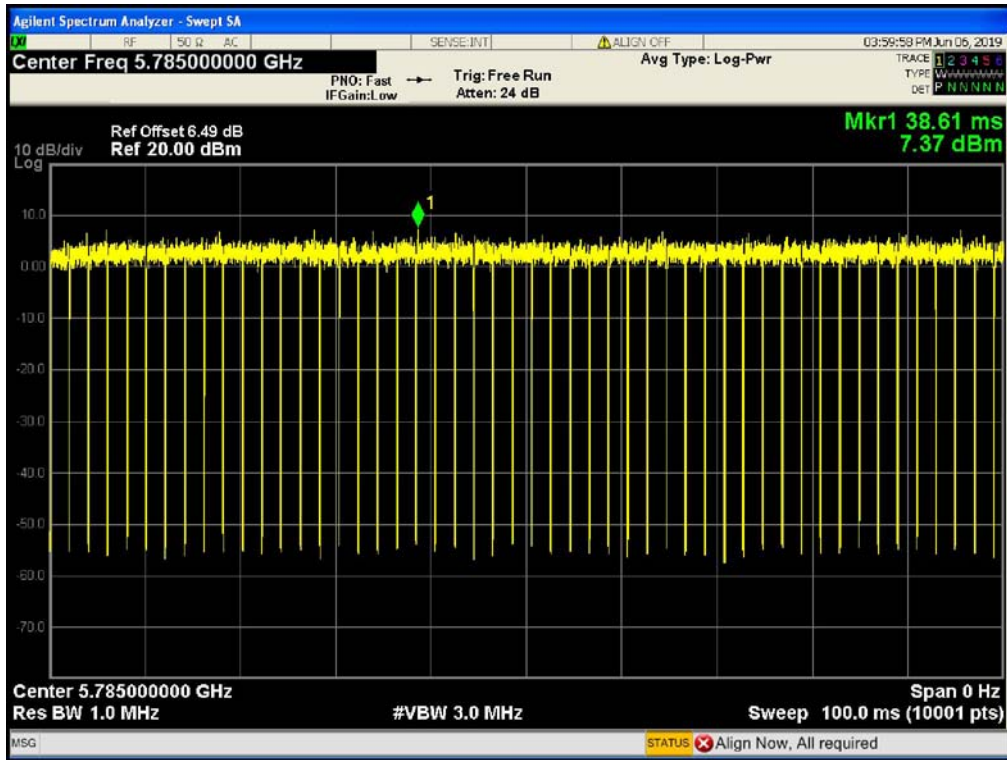
802.11 a 5785MHz U-NII-3



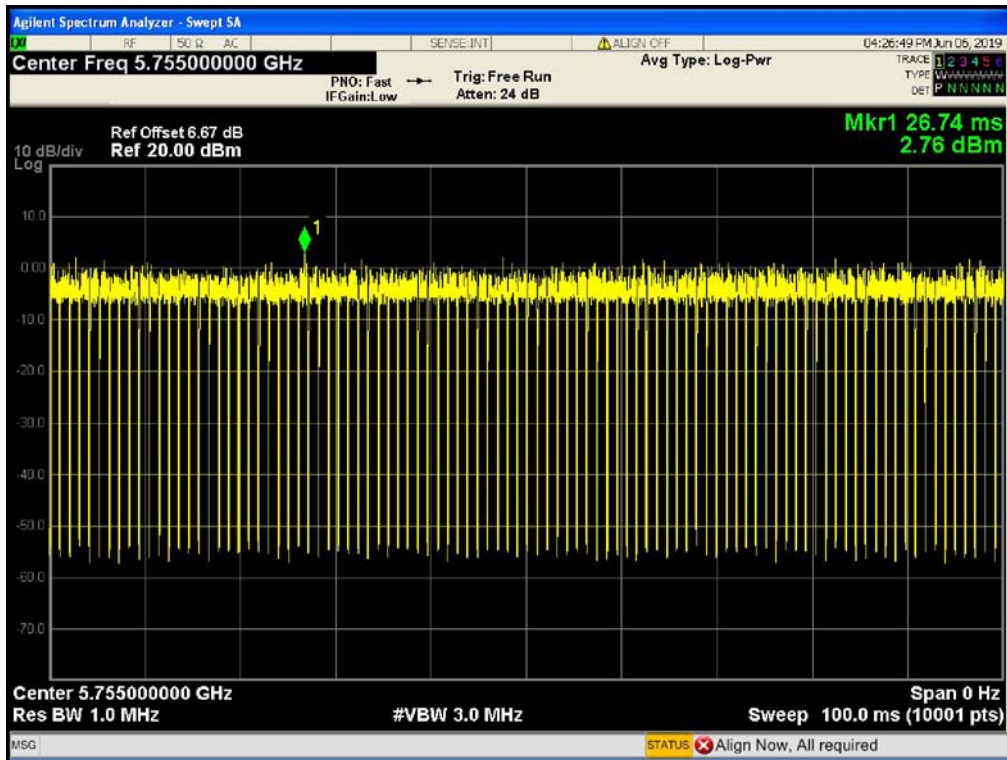
802.11 n(HT20) 5785MHz U-NII-3



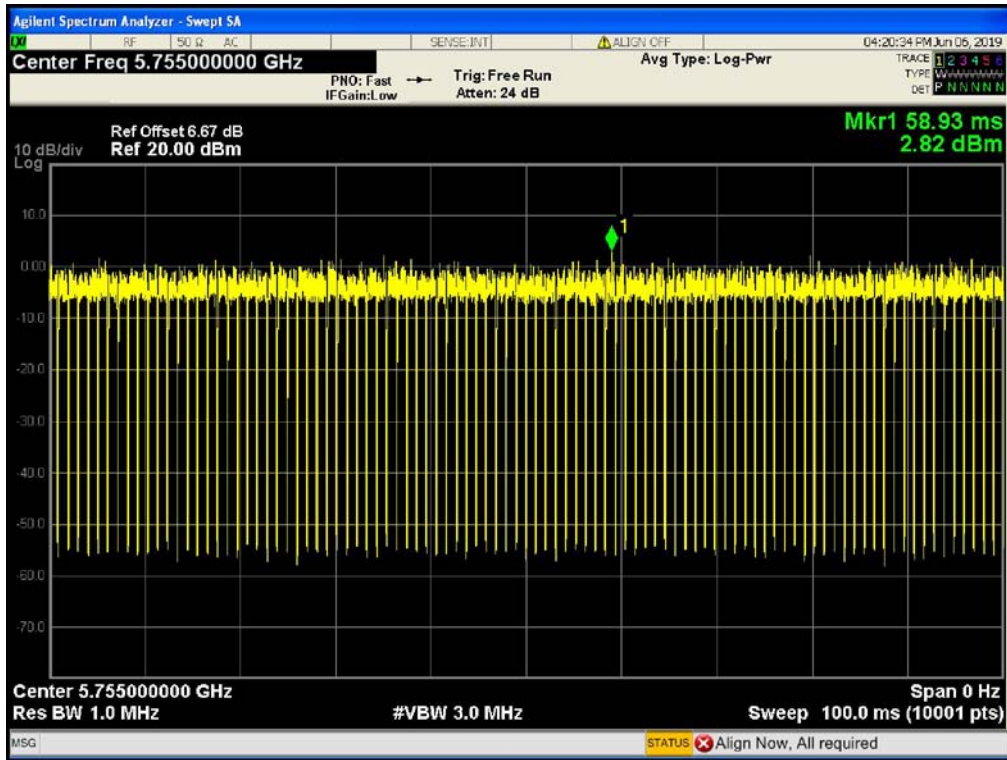
802.11 ac(HT20) 5785MHz U-NII-3



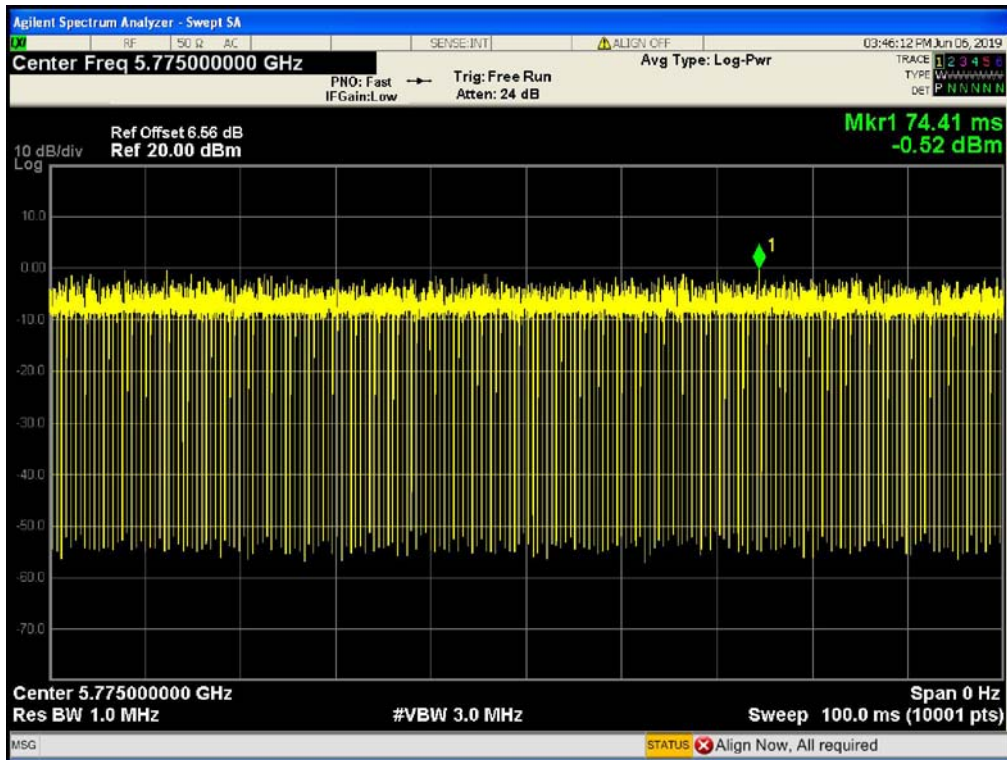
802.11 n(HT40) 5755MHz U-NII-3



802.11 ac(HT40) 5755MHz U-NII-3



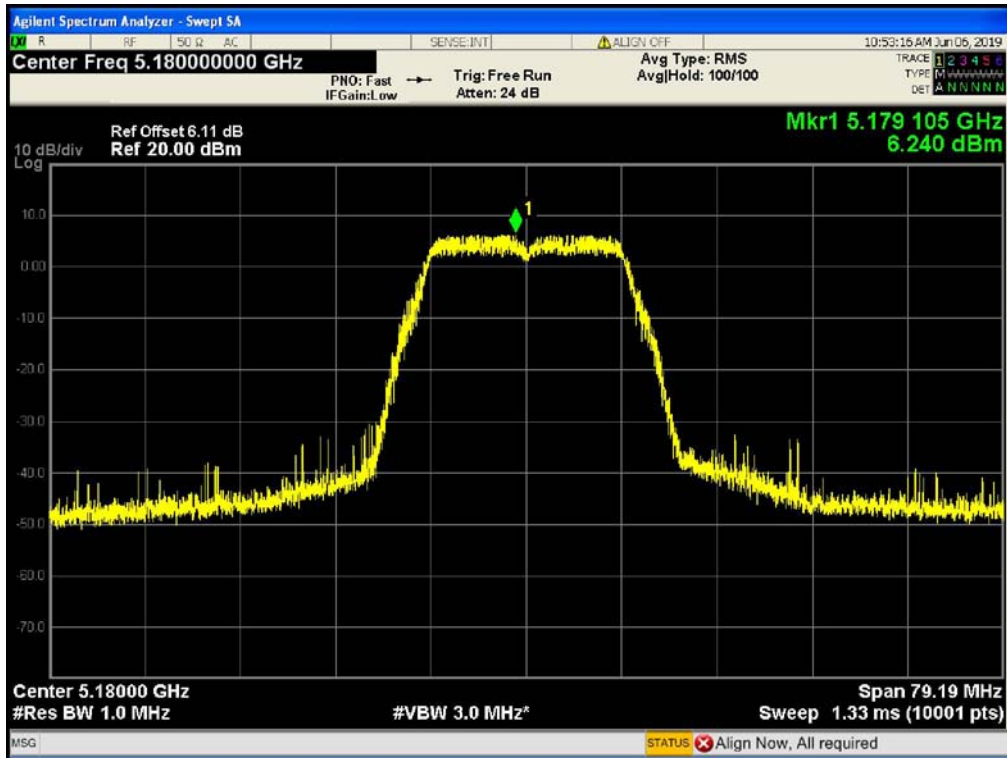
802.11 ac(HT80) 5775MHz U-NII-3



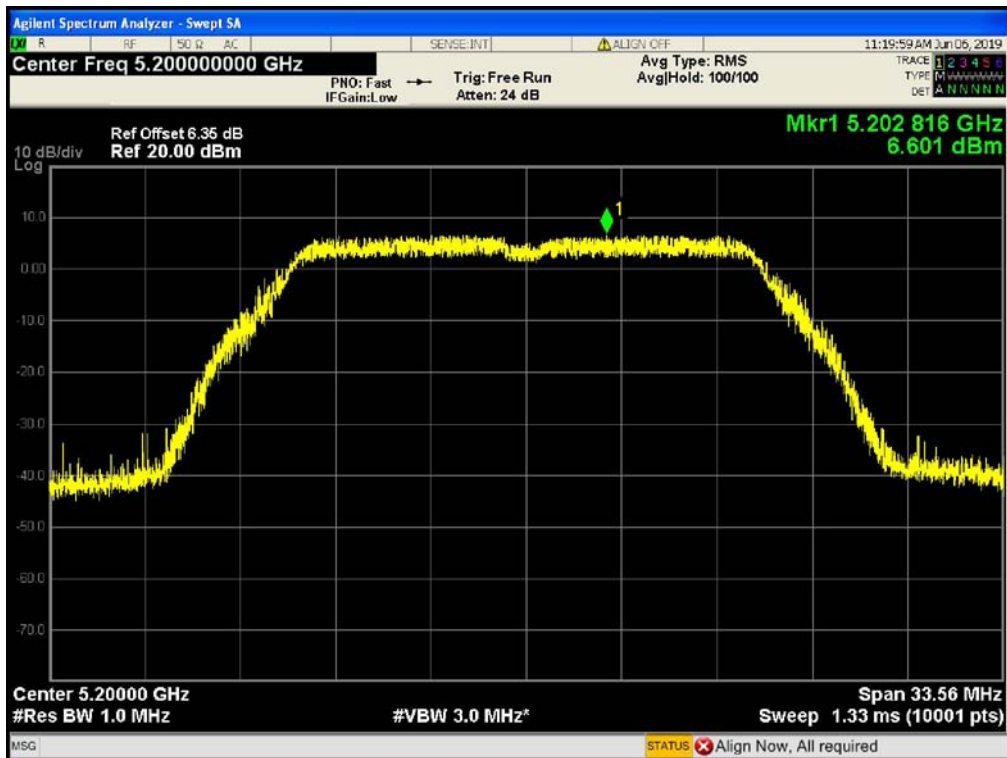
Attachment F-- Power Spectral Density Test Data

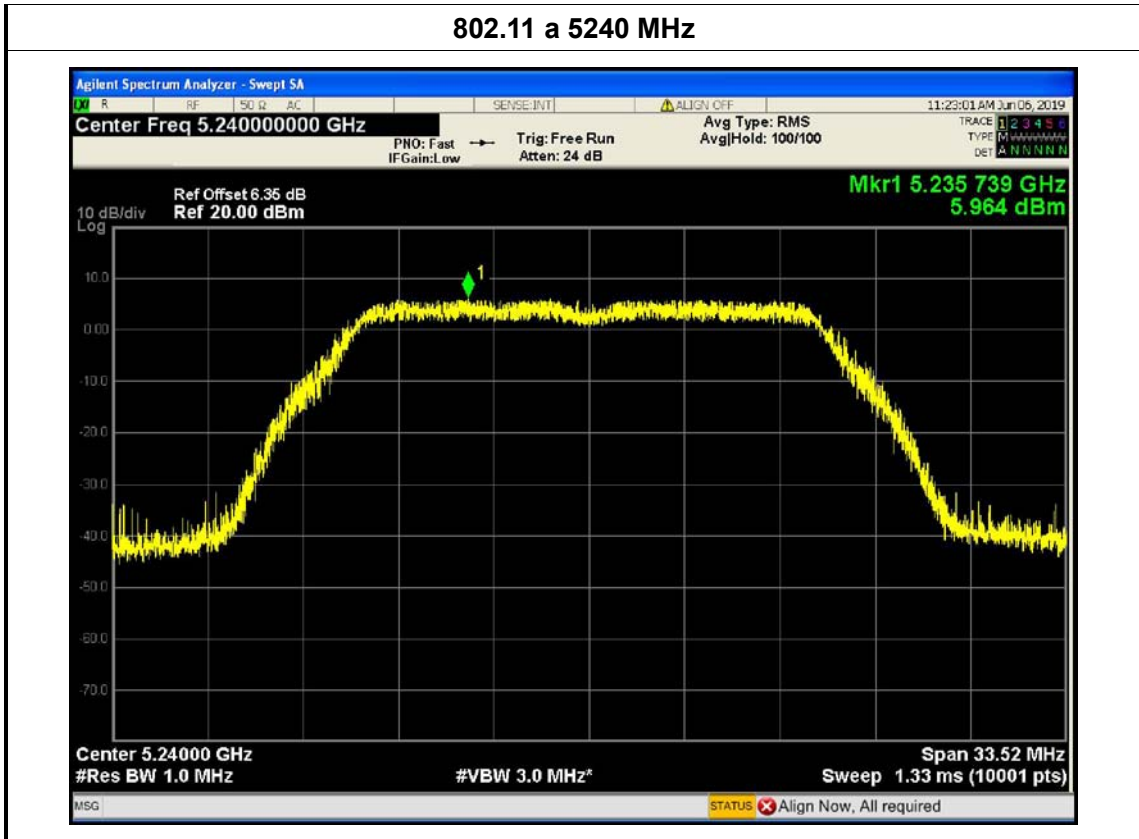
EUT:	AV 1000 AC Wi-Fi Powerline Extender	Model Name :	PA7
Temperature:	25 °C	Relative Humidity:	55%
Test Voltage:	AC 120V/60Hz		
U-NII-1			
Test Mode	Frequency (MHz)	Test Data	Limit (dBm)
		Power Density (dBm/MHz)	
802.11a	5180	6.240	11
	5200	6.601	
	5240	5.964	
802.11n (HT20)	5180	6.336	
	5200	6.719	
	5240	5.758	
802.11ac (HT20)	5180	7.091	
	5200	7.077	
	5240	6.643	
802.11n (HT40)	5190	3.635	
	5230	3.377	
802.11ac(40)	5190	3.389	
	5230	3.399	
802.11ac(80)	5210	1.571	
Result: PASS			
Test plots please refer to below pages:			

802.11 a 5180 MHz

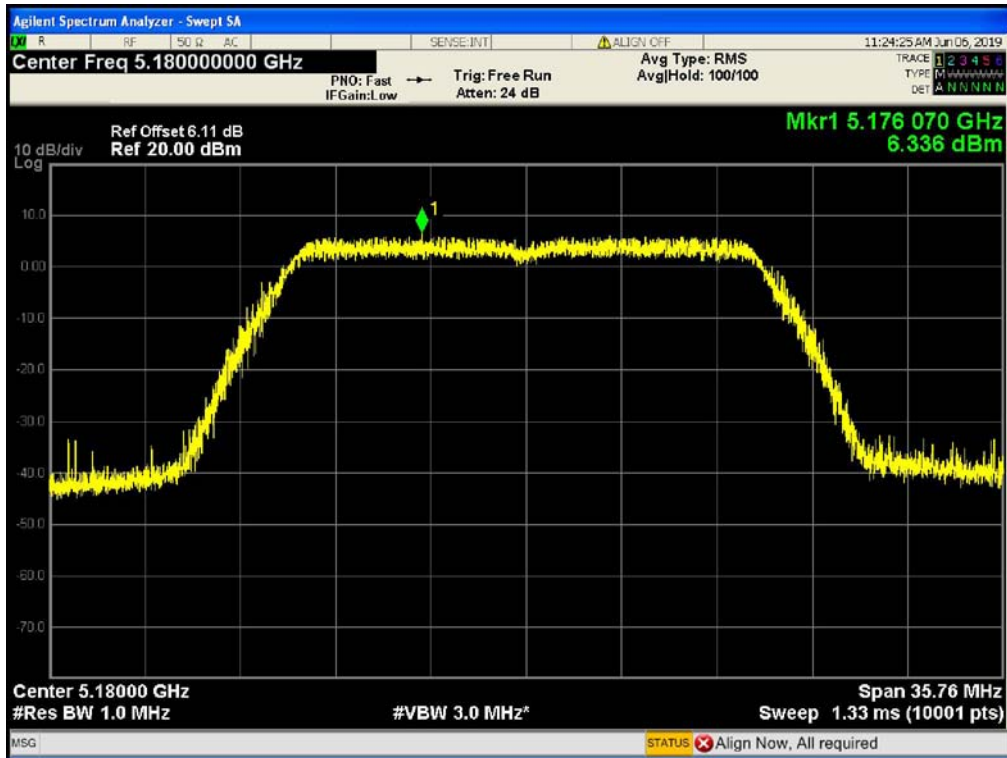


802.11 a 5200 MHz

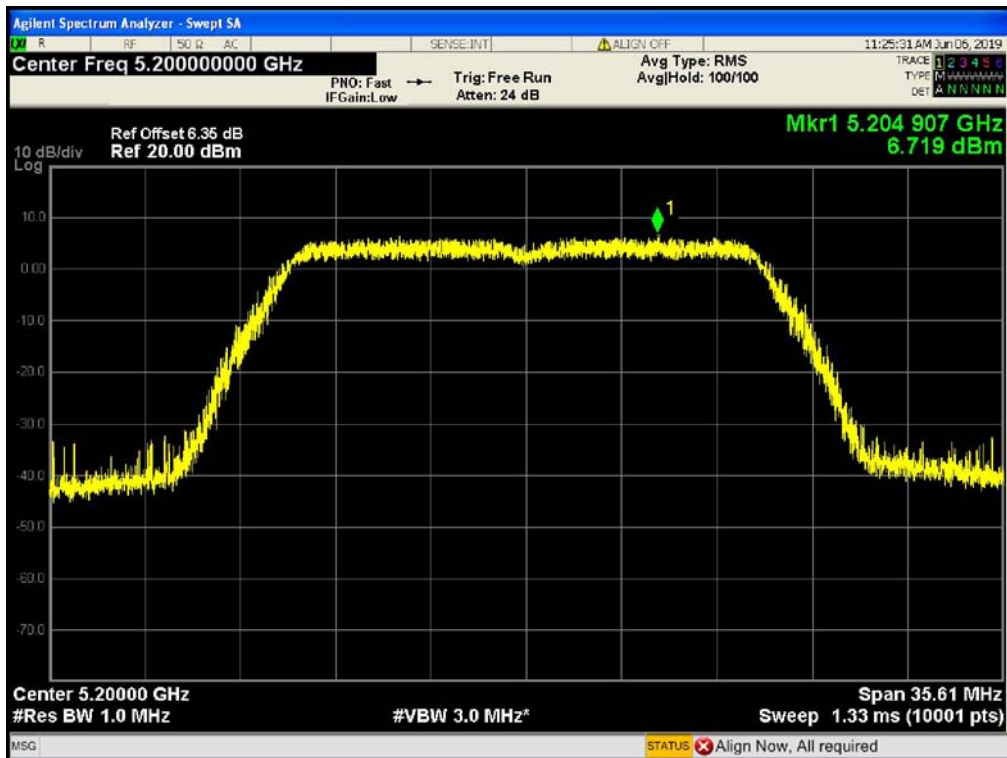


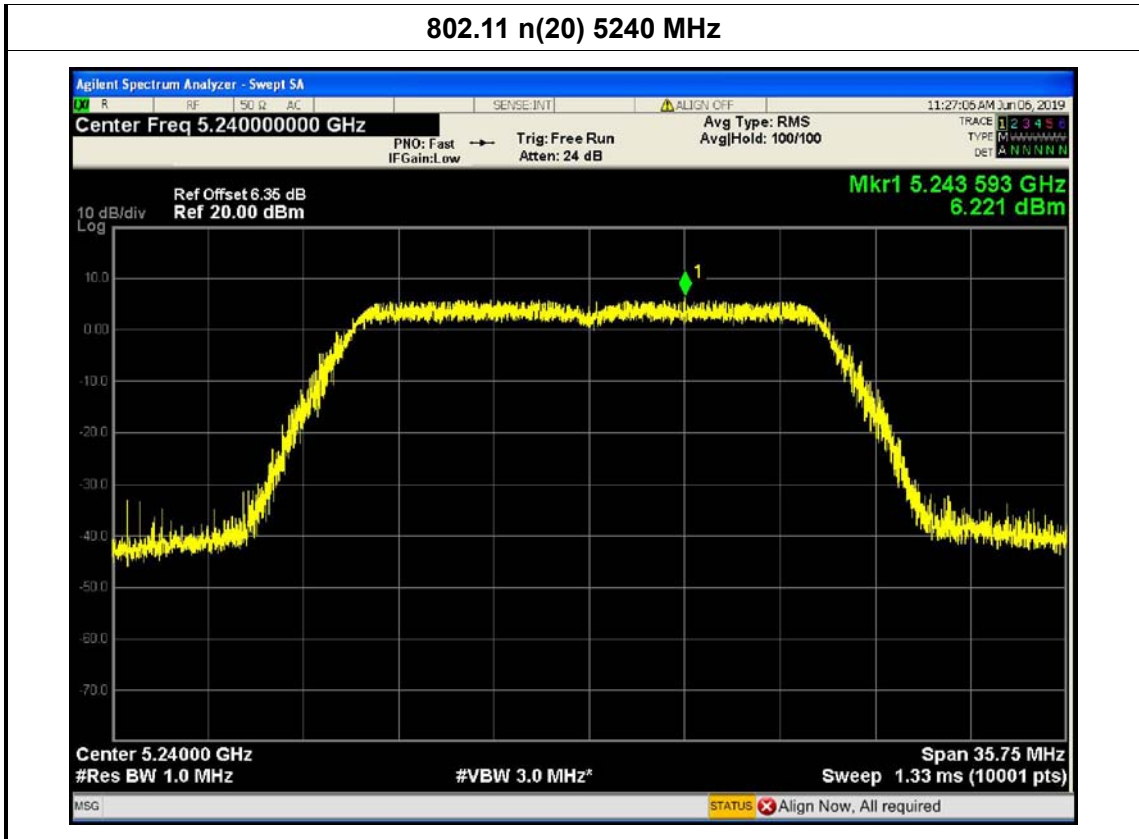


802.11 n(20) 5180 MHz

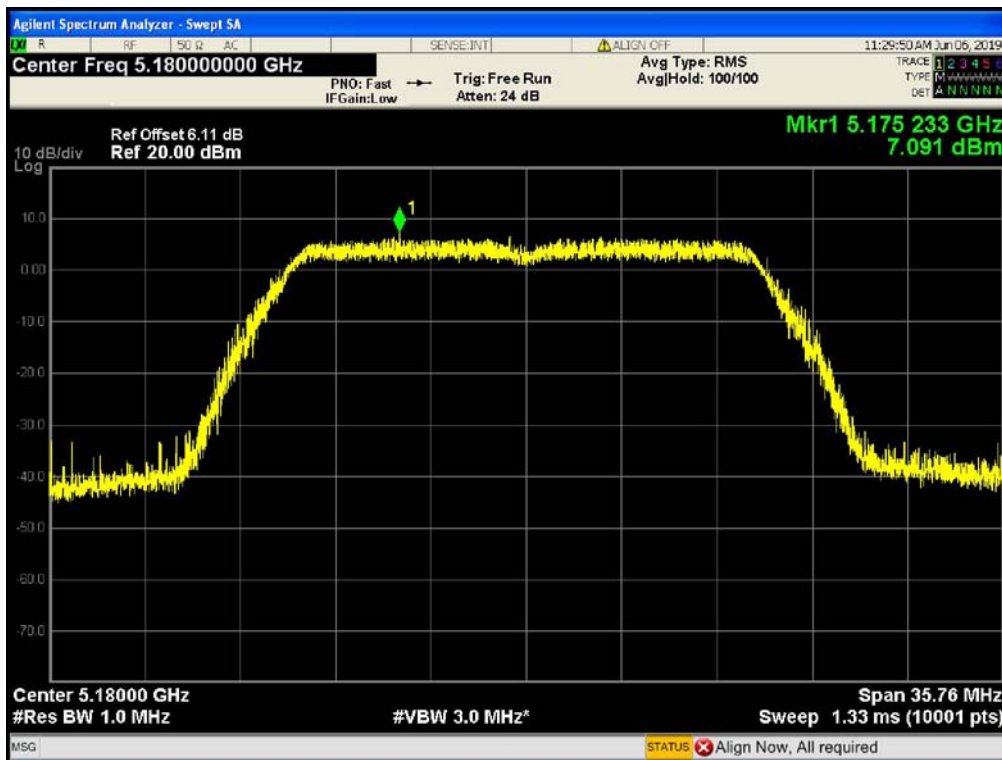


802.11 n(20) 5200 MHz

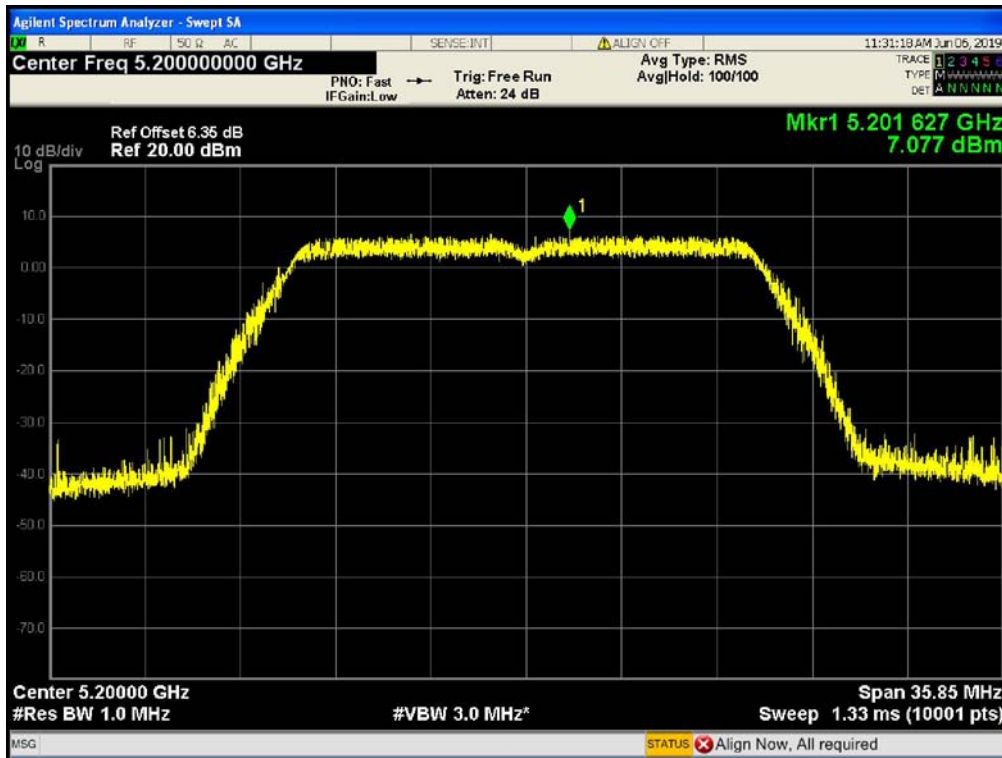


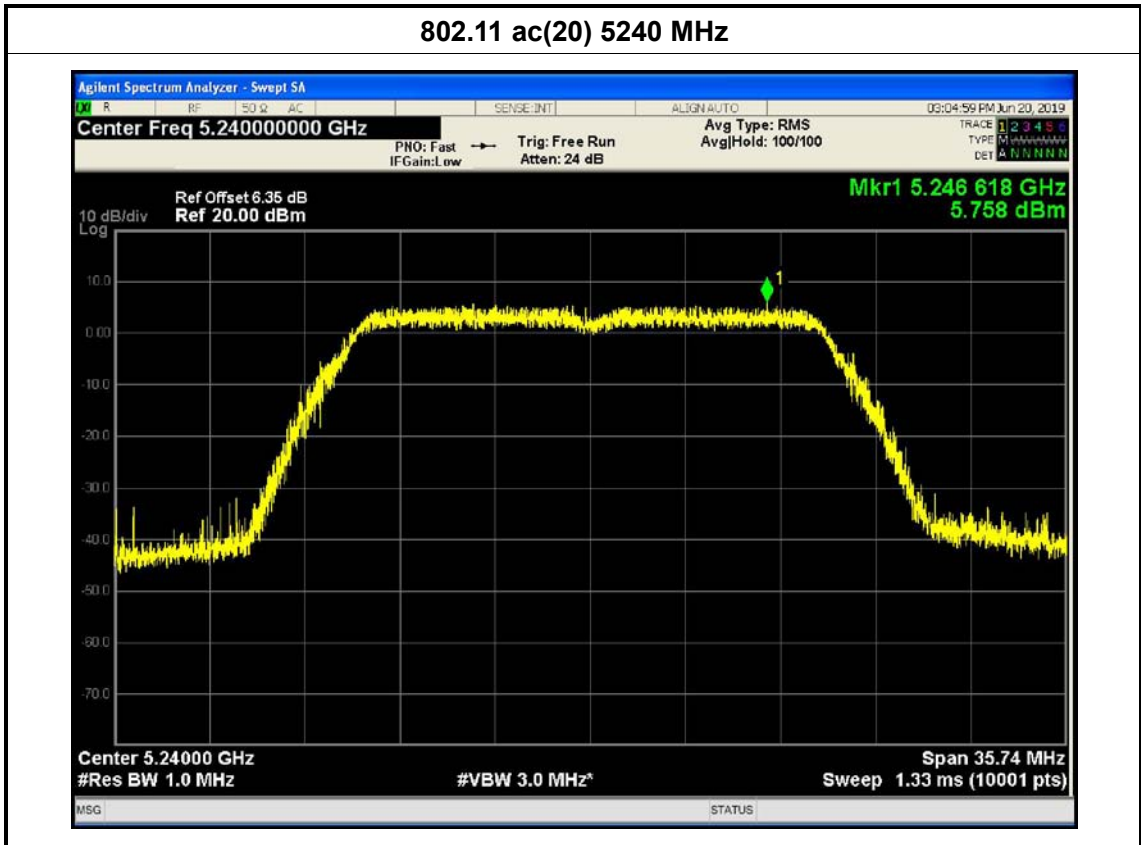


802.11 ac(20) 5180 MHz

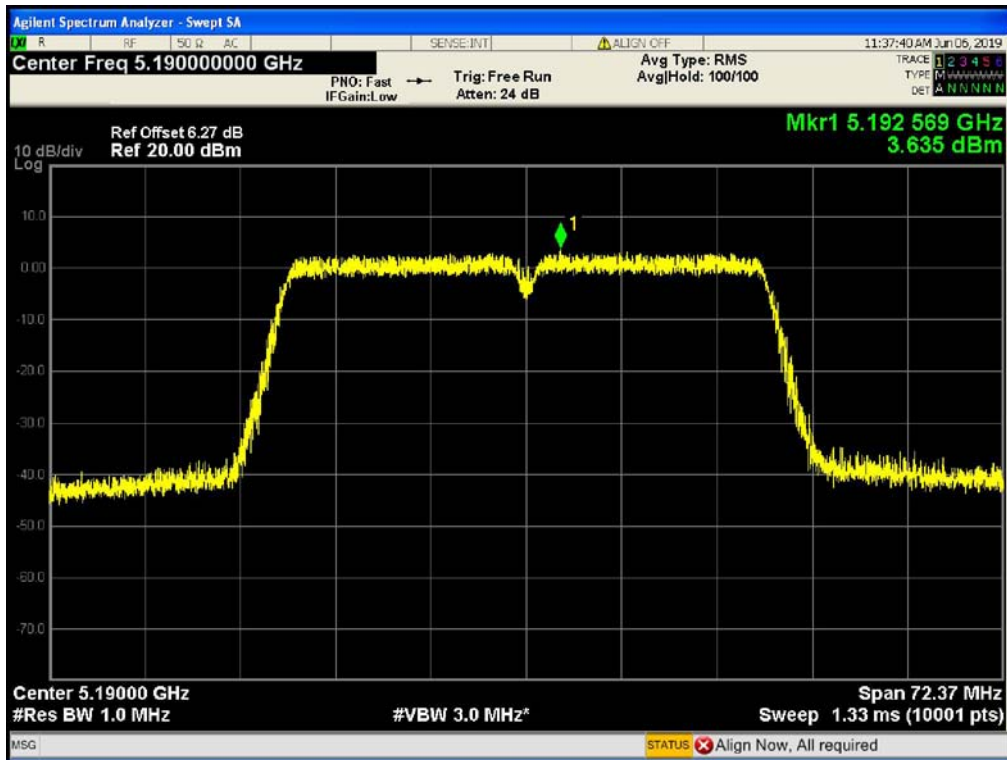


802.11 ac(20) 5200 MHz

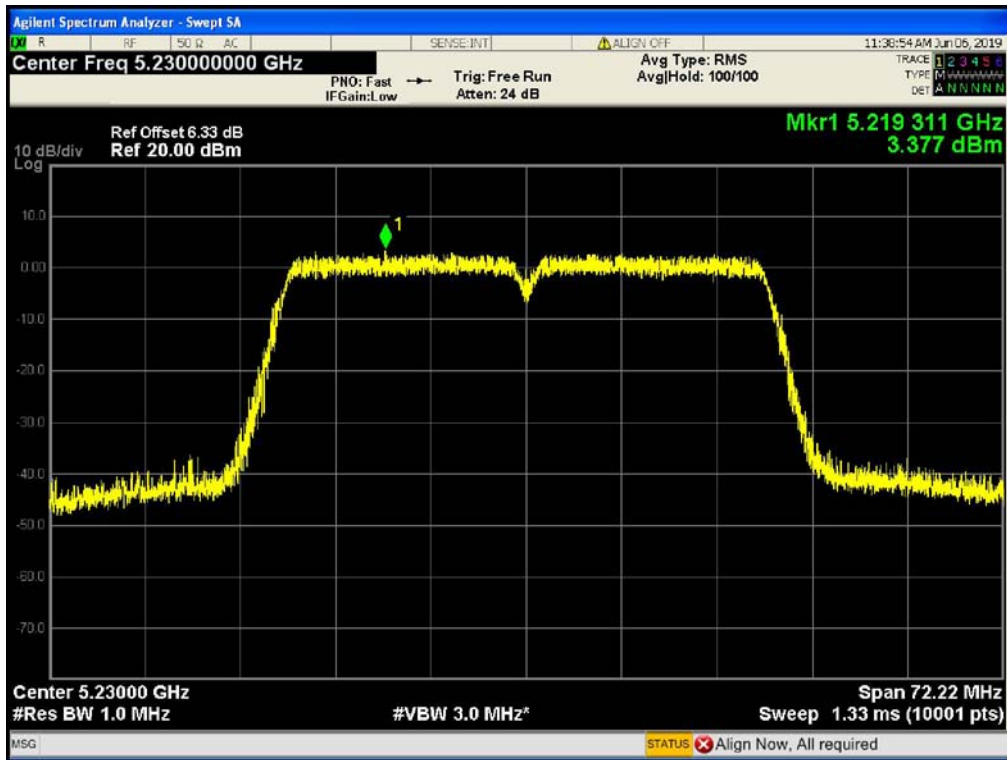




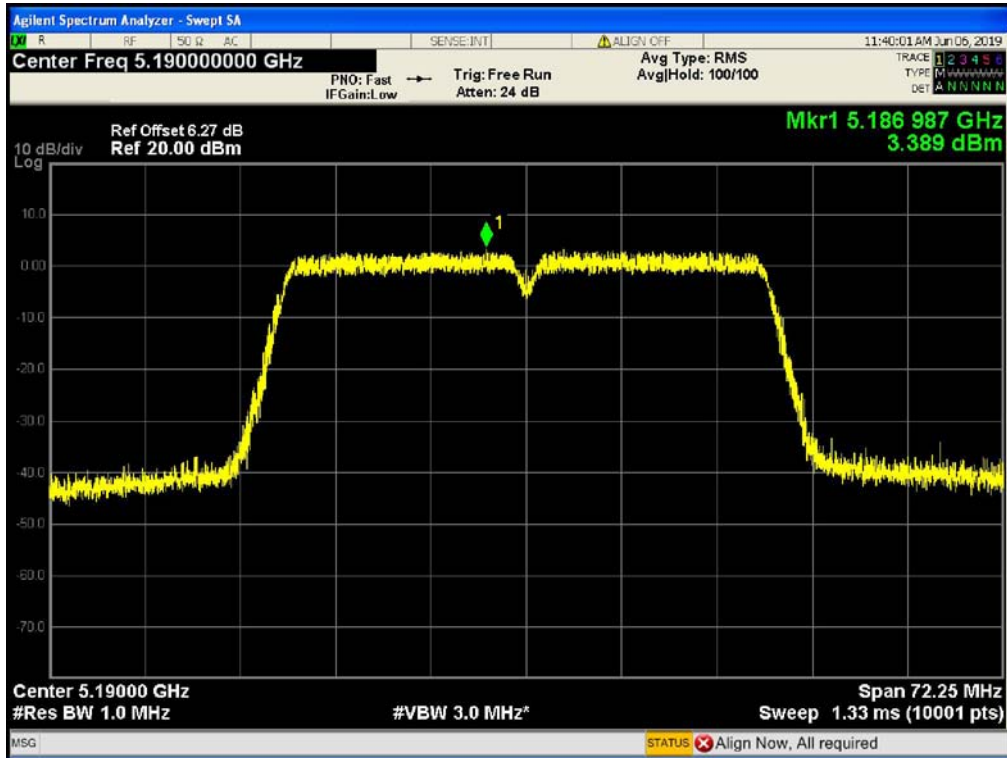
802.11 n(40) 5190 MHz



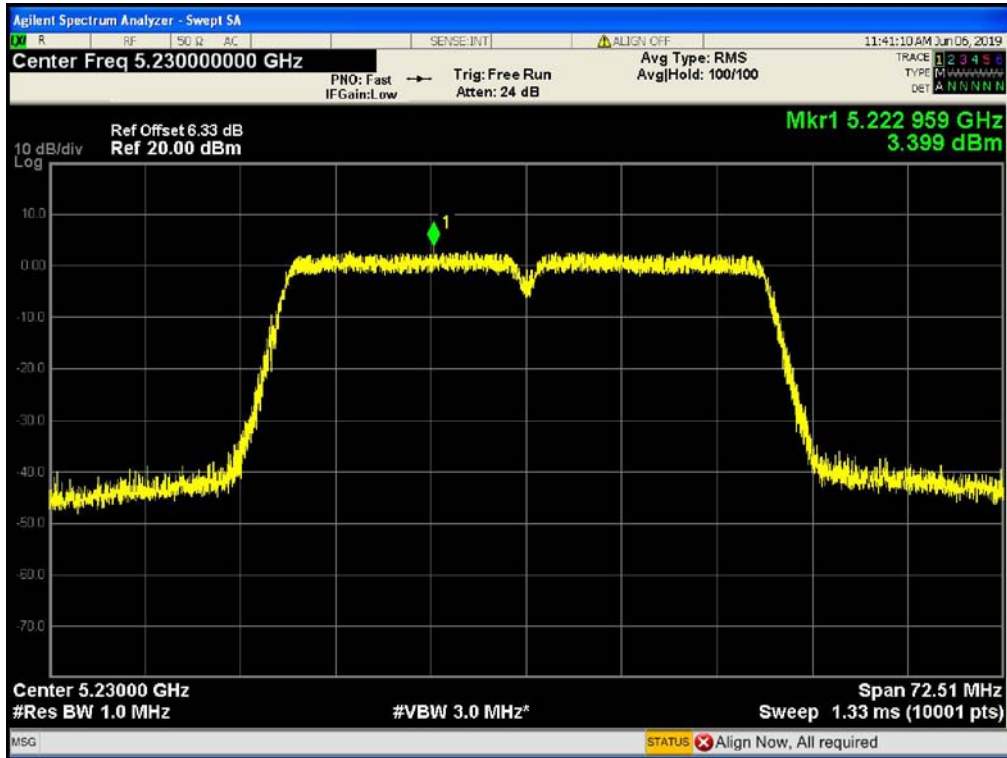
802.11 n(40) 5230 MHz

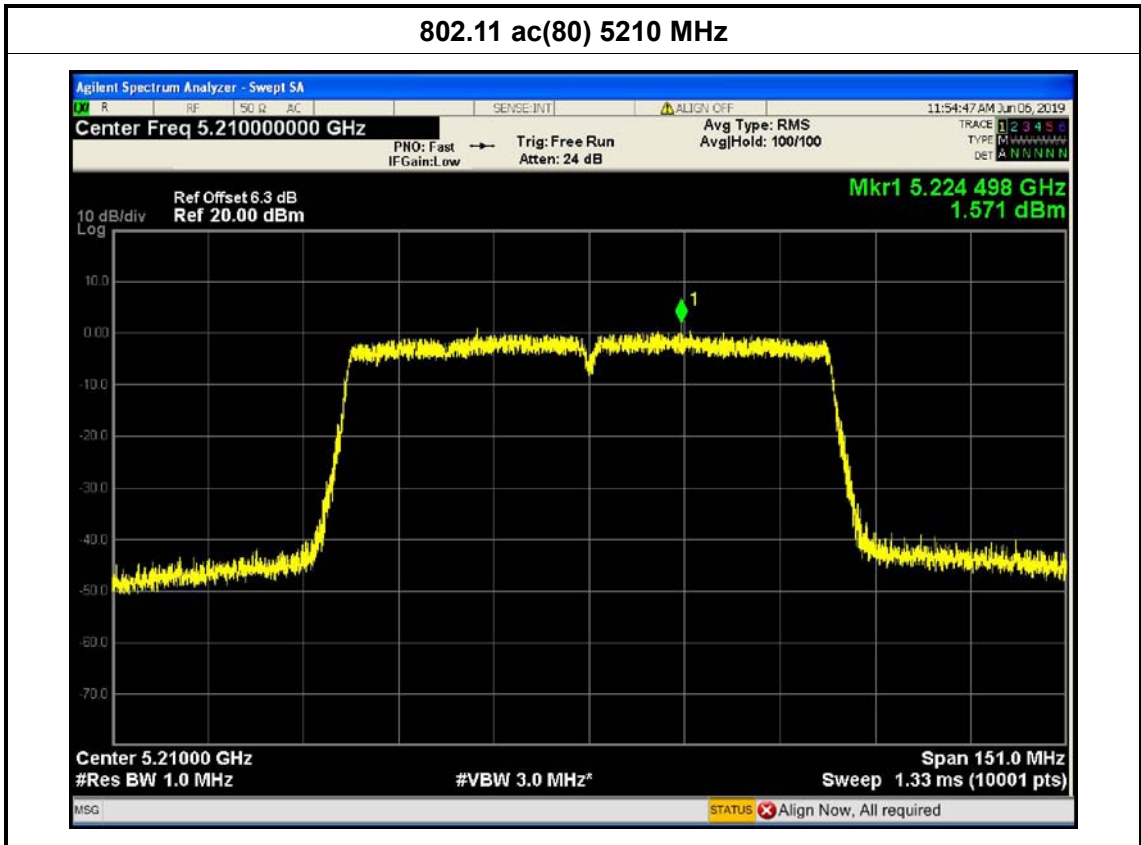


802.11 ac(40) 5190 MHz



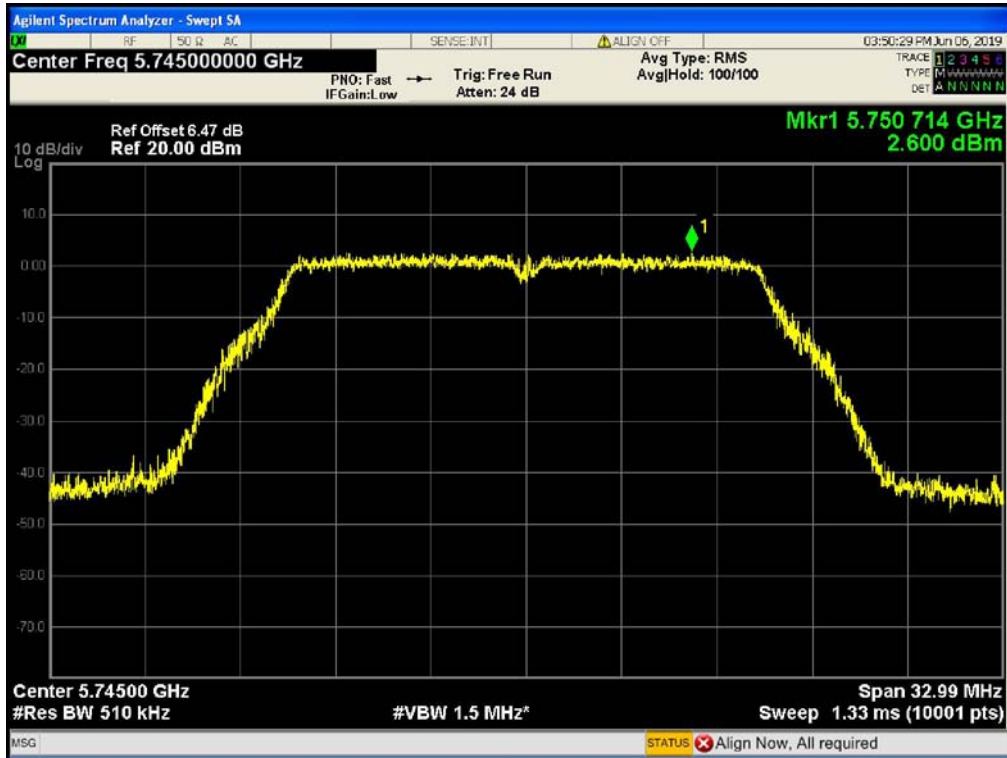
802.11 ac(40) 5230 MHz



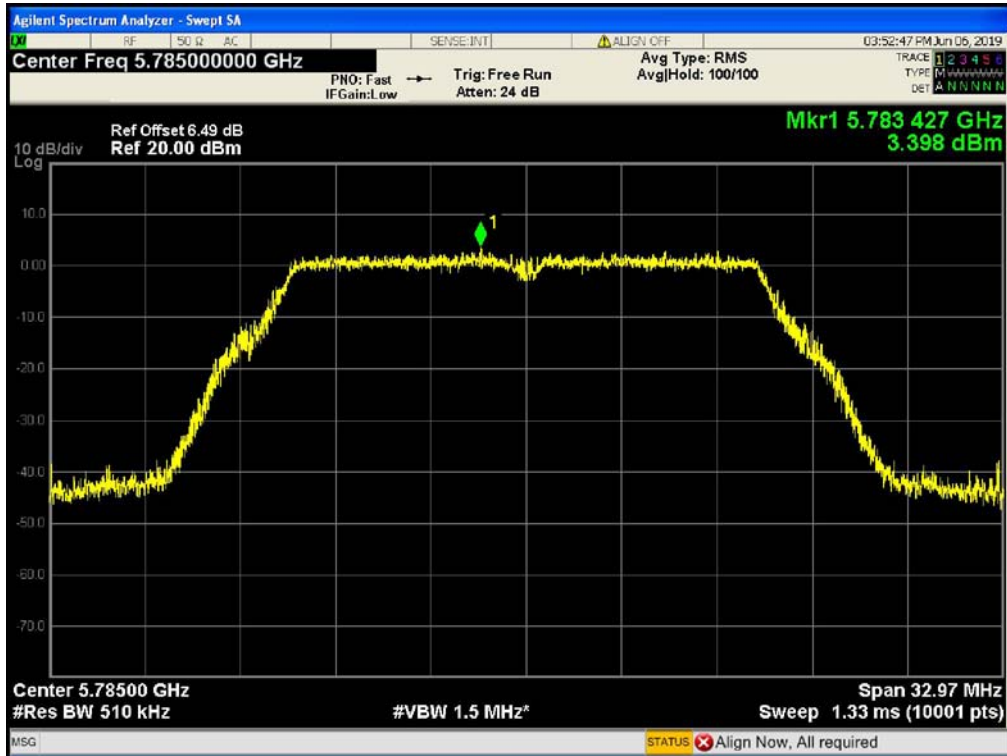


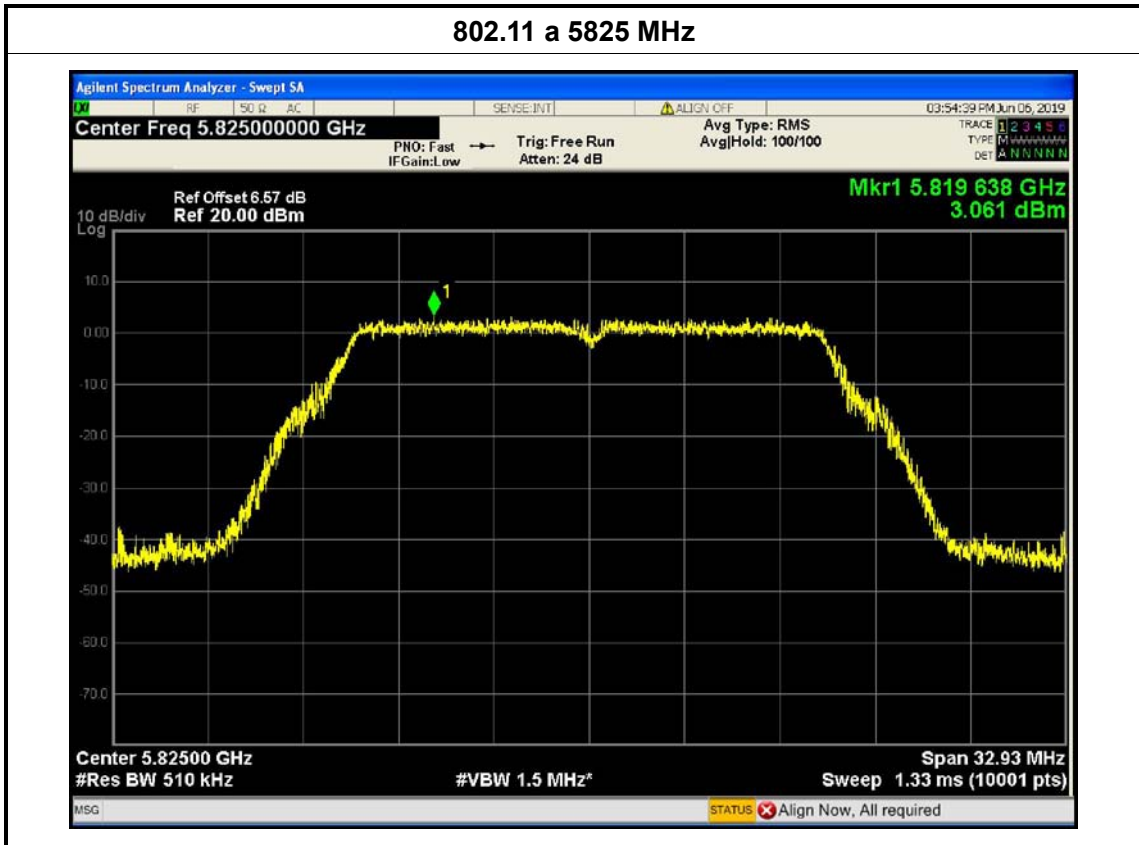
EUT:	AV 1000 AC Wi-Fi Powerline Extender	Model Name :	PA7
Temperature:	25 °C	Relative Humidity:	55%
Test Voltage:	AC 120V/60Hz		
U-NII-3			
Test Mode	Frequency (MHz)	Test Data	Limit (dBm)
		Power Density (dBm/MHz)	
802.11a	5745	2.600	30
	5785	3.398	
	5825	3.061	
802.11n (HT20)	5745	3.221	
	5785	3.435	
	5825	3.039	
802.11ac (HT20)	5745	3.181	
	5785	3.062	
	5825	3.691	
802.11n (HT40)	5755	0.788	
	5795	0.473	
802.11ac(40)	5755	1.124	
	5795	0.521	
802.11ac(80)	5775	-2.728	
Result: PASS			
Test plots please refer to below pages:			

802.11 a 5745 MHz

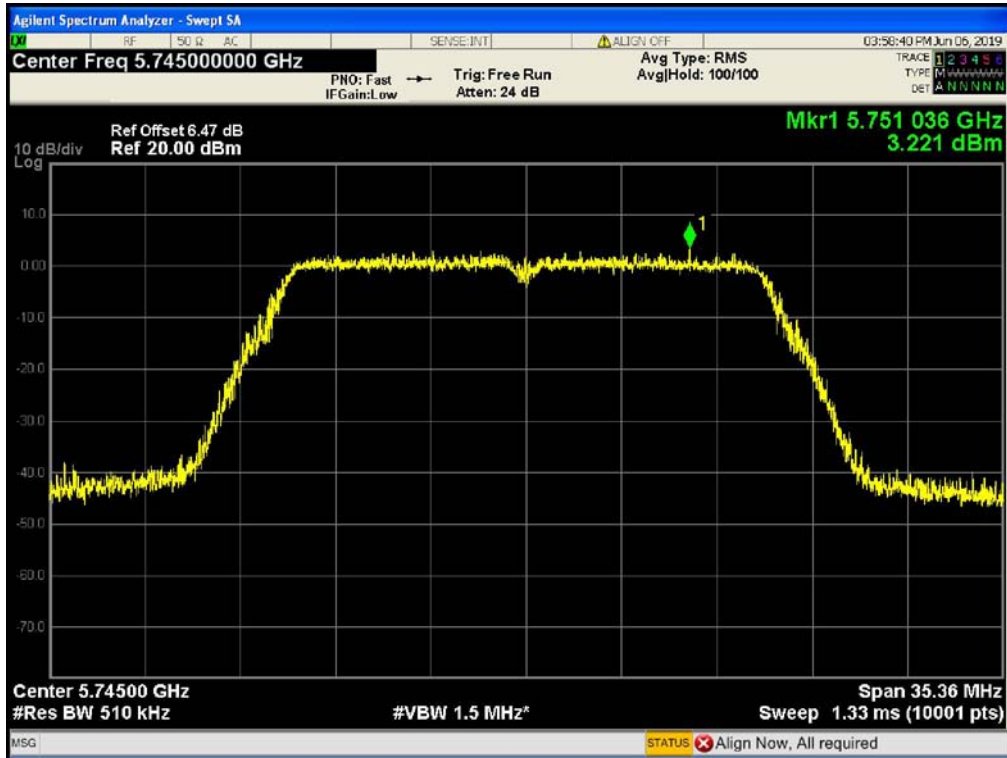


802.11 a 5785 MHz

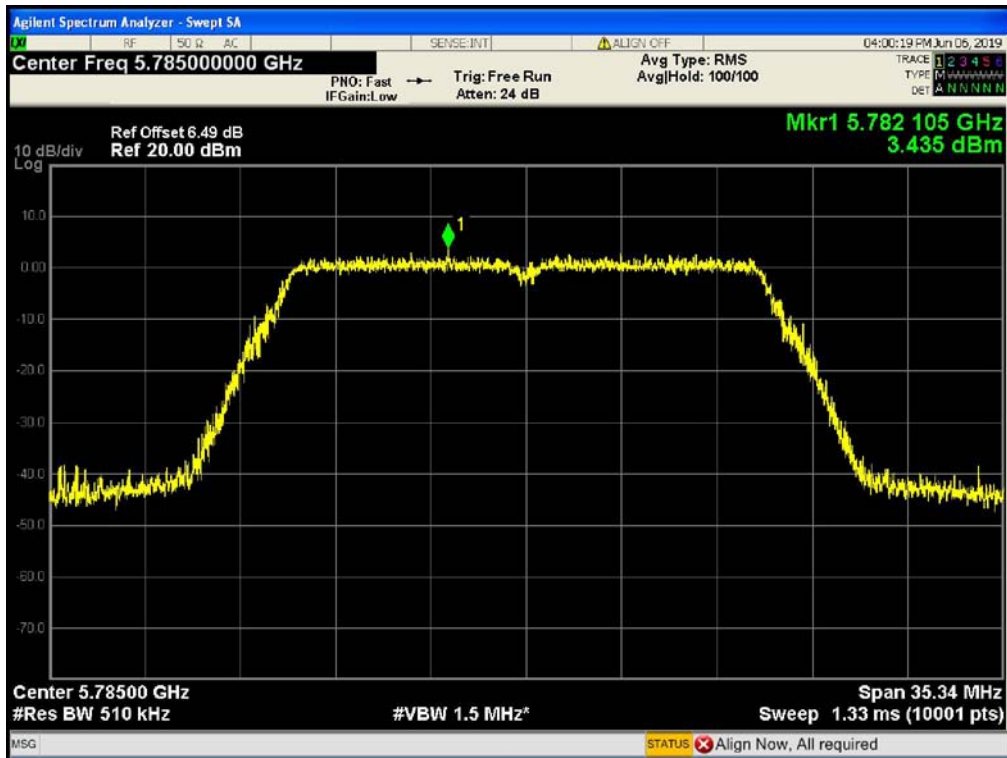


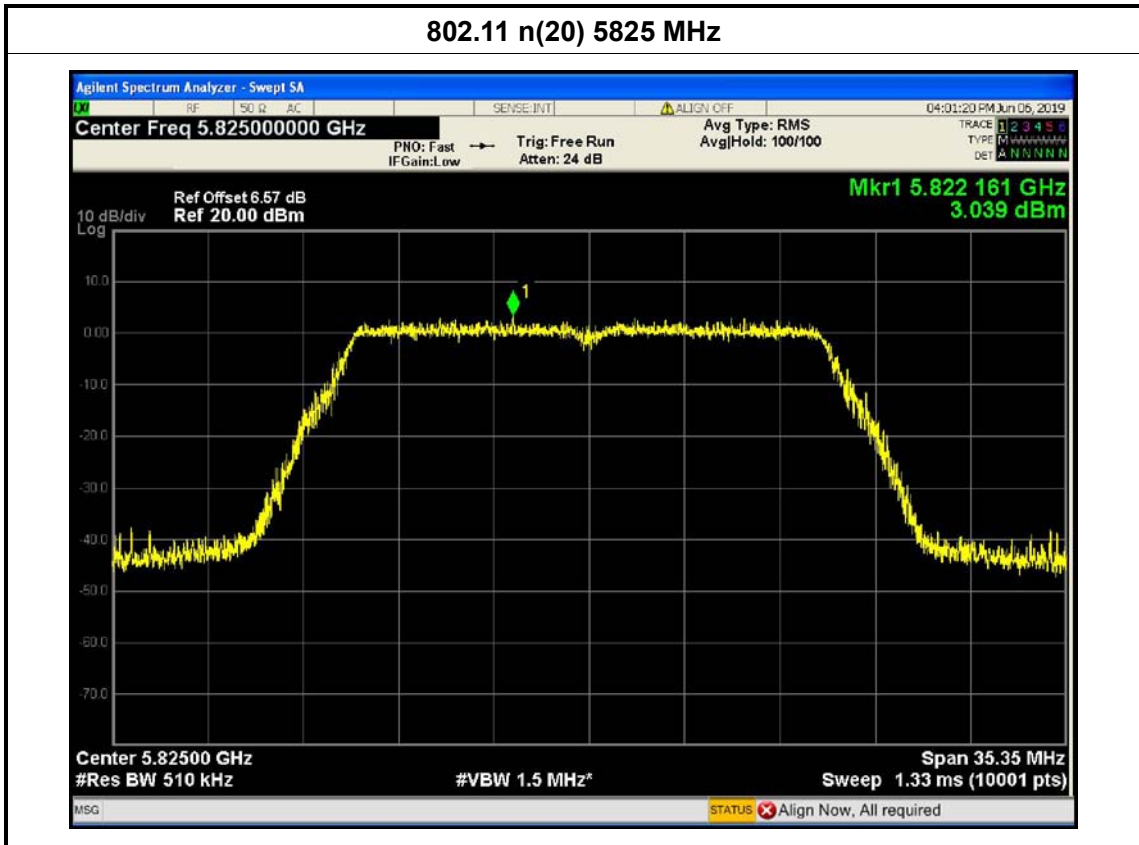


802.11 n(20) 5745 MHz

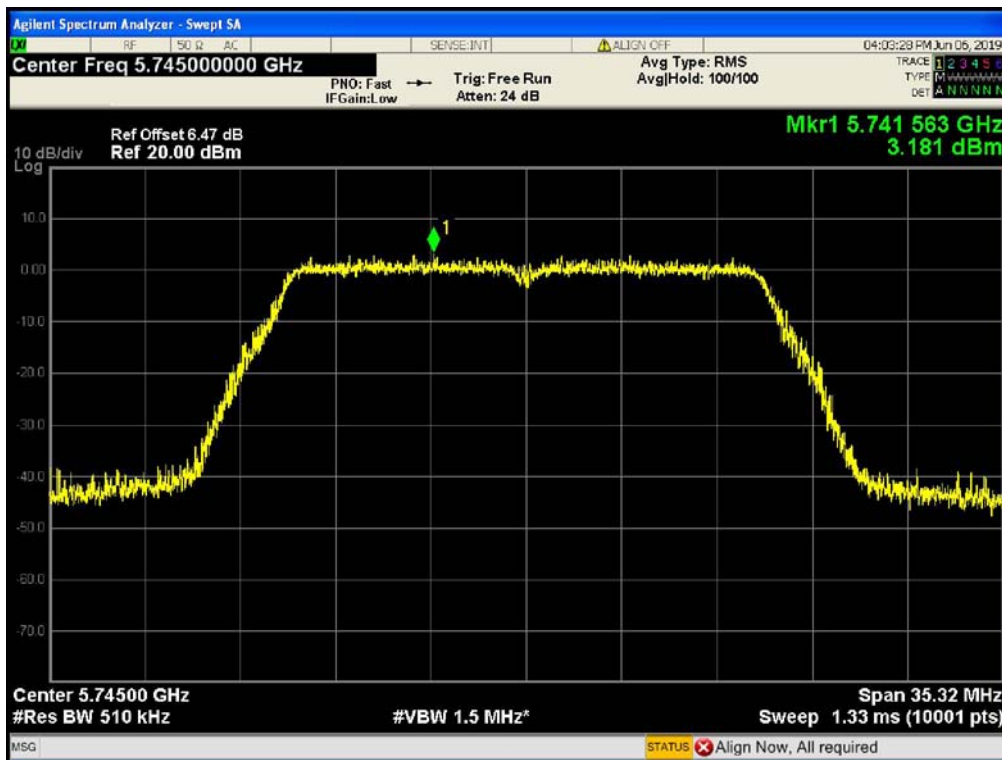


802.11 n(20) 5785 MHz

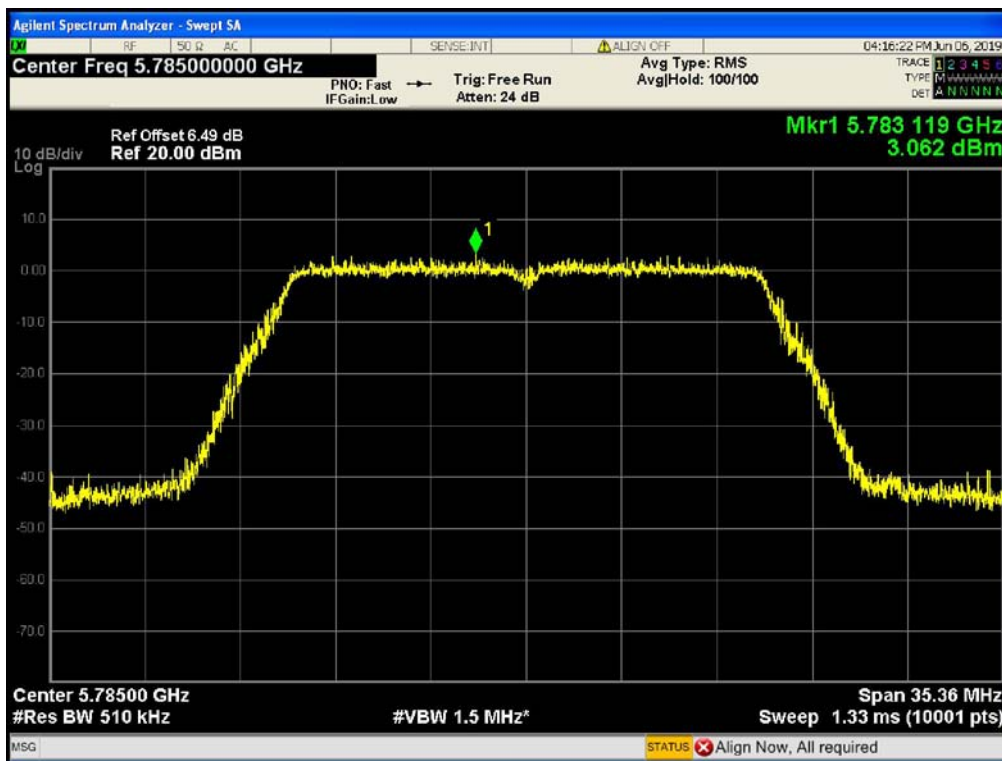


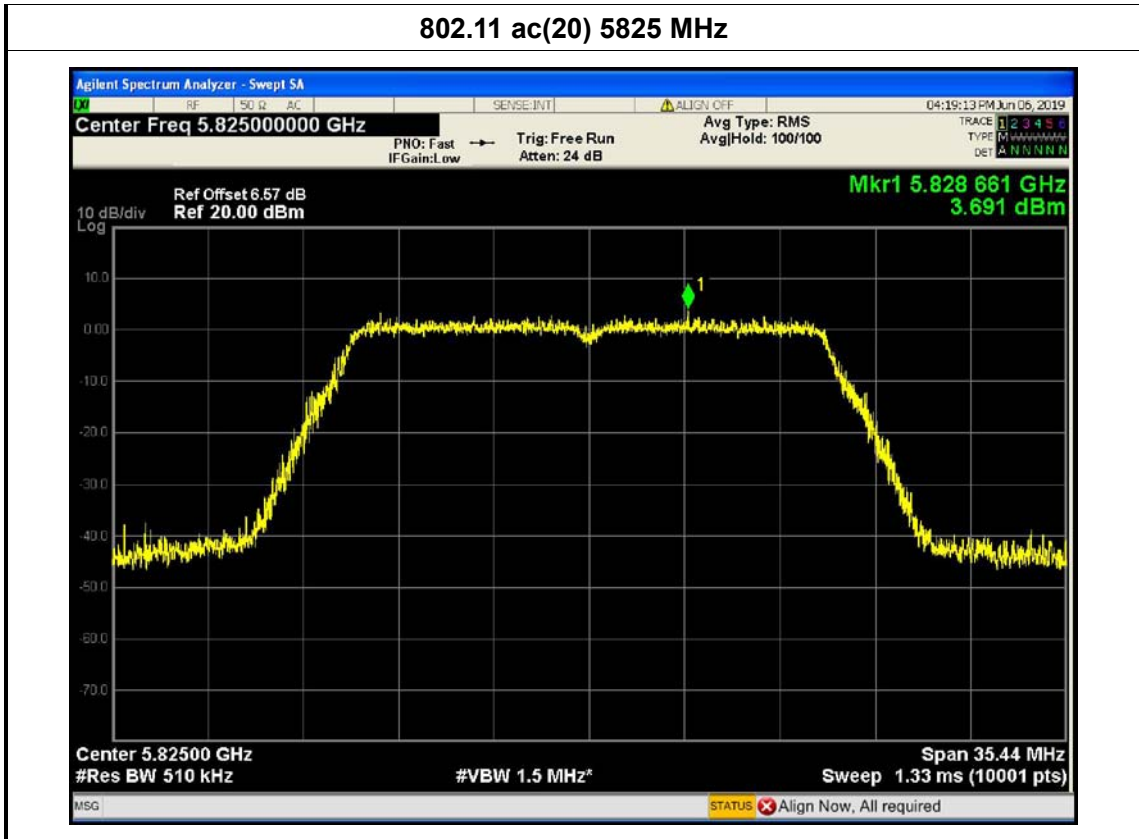


802.11 ac(20) 5745 MHz

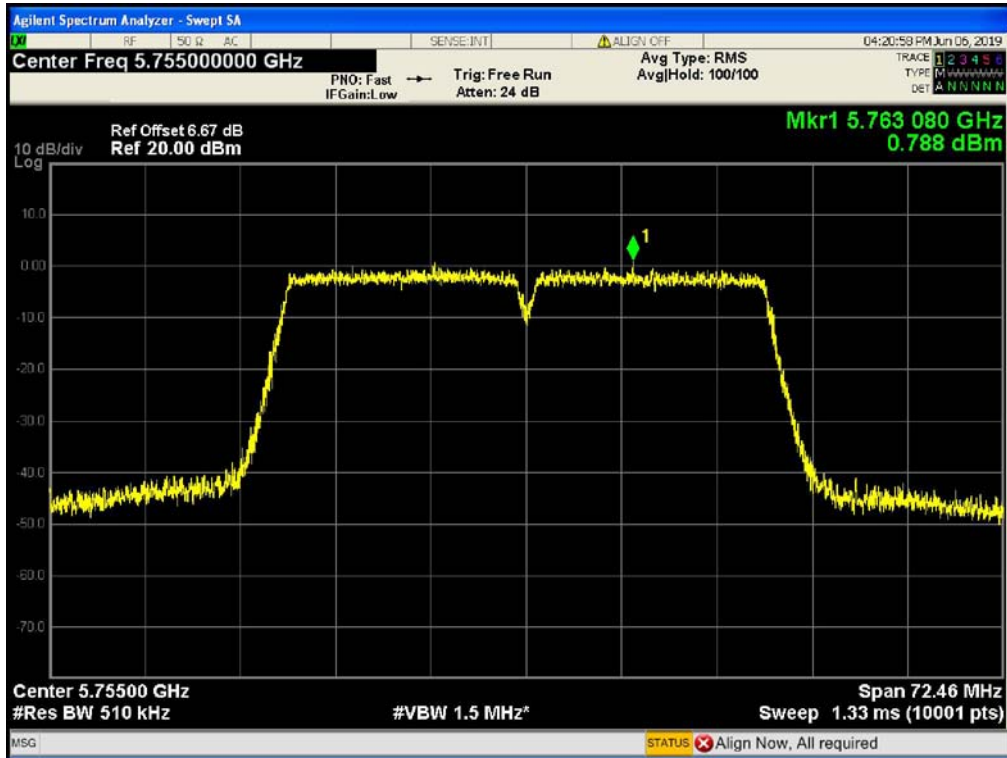


802.11 ac(20) 5785 MHz

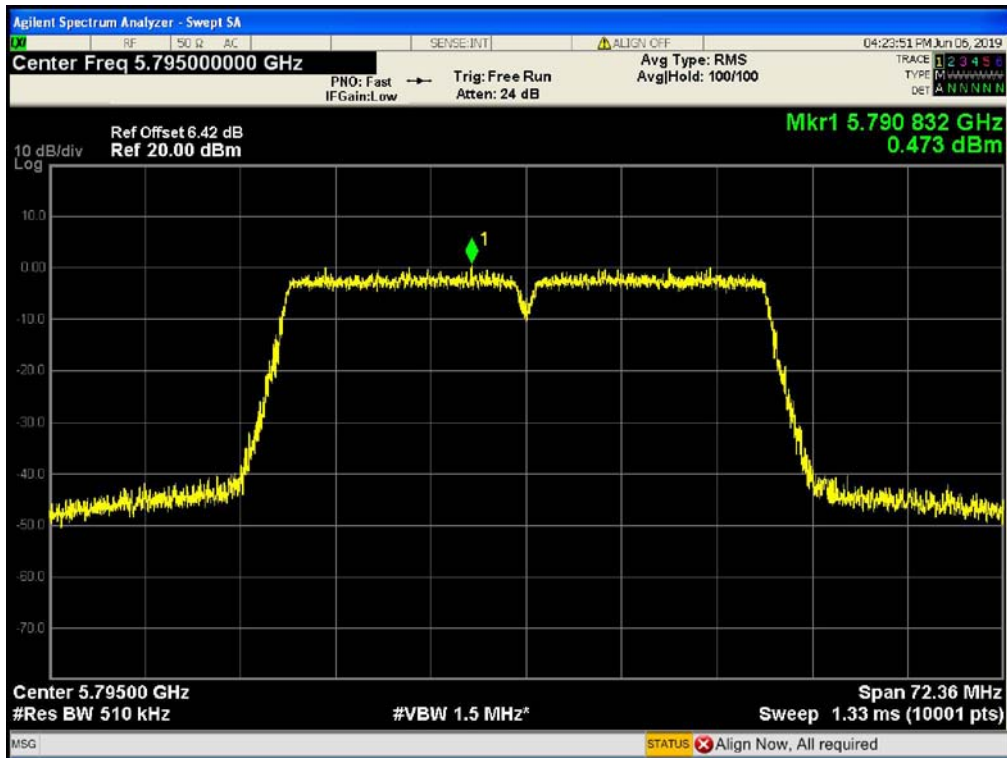




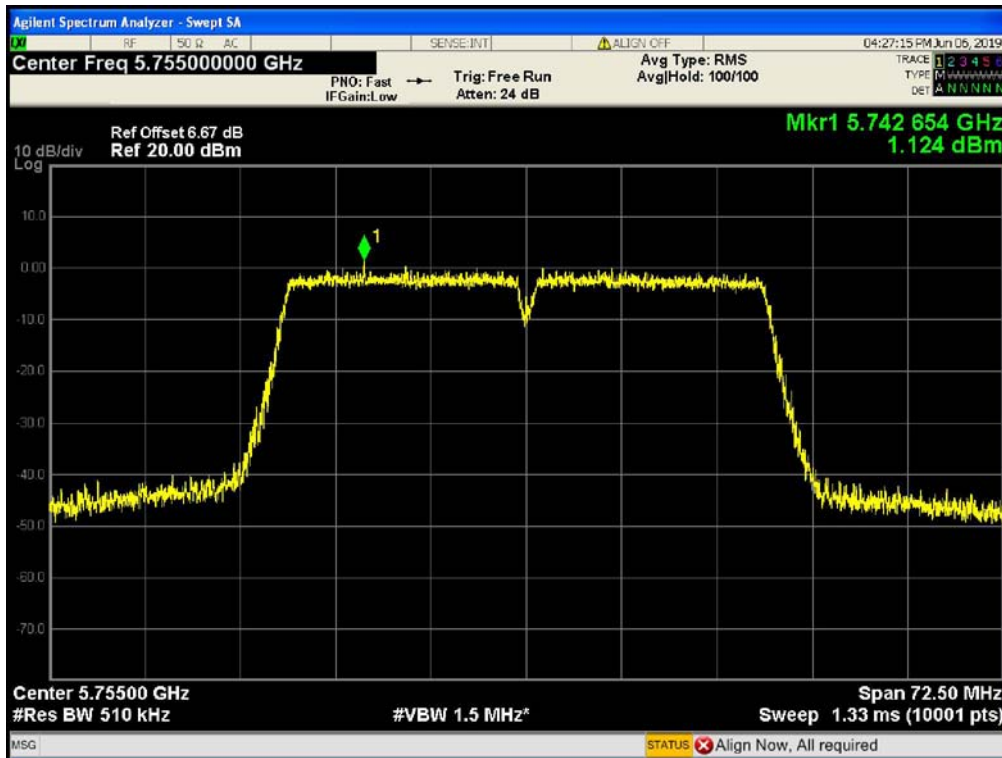
802.11 n(40) 5755 MHz



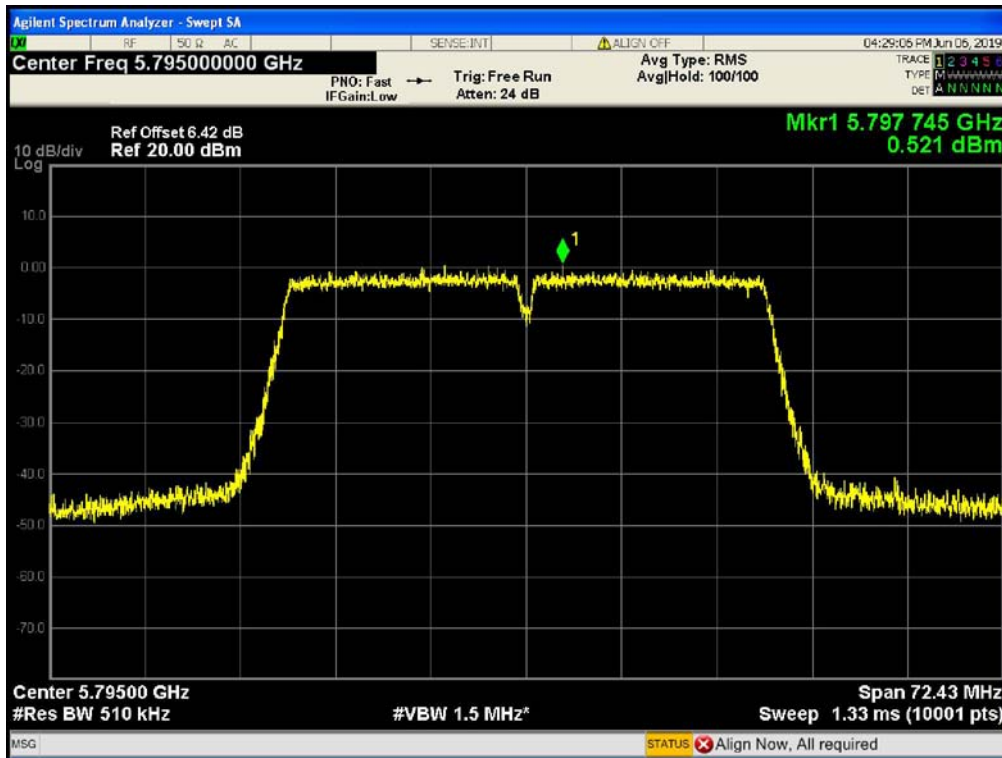
802.11 n(40) 5795 MHz

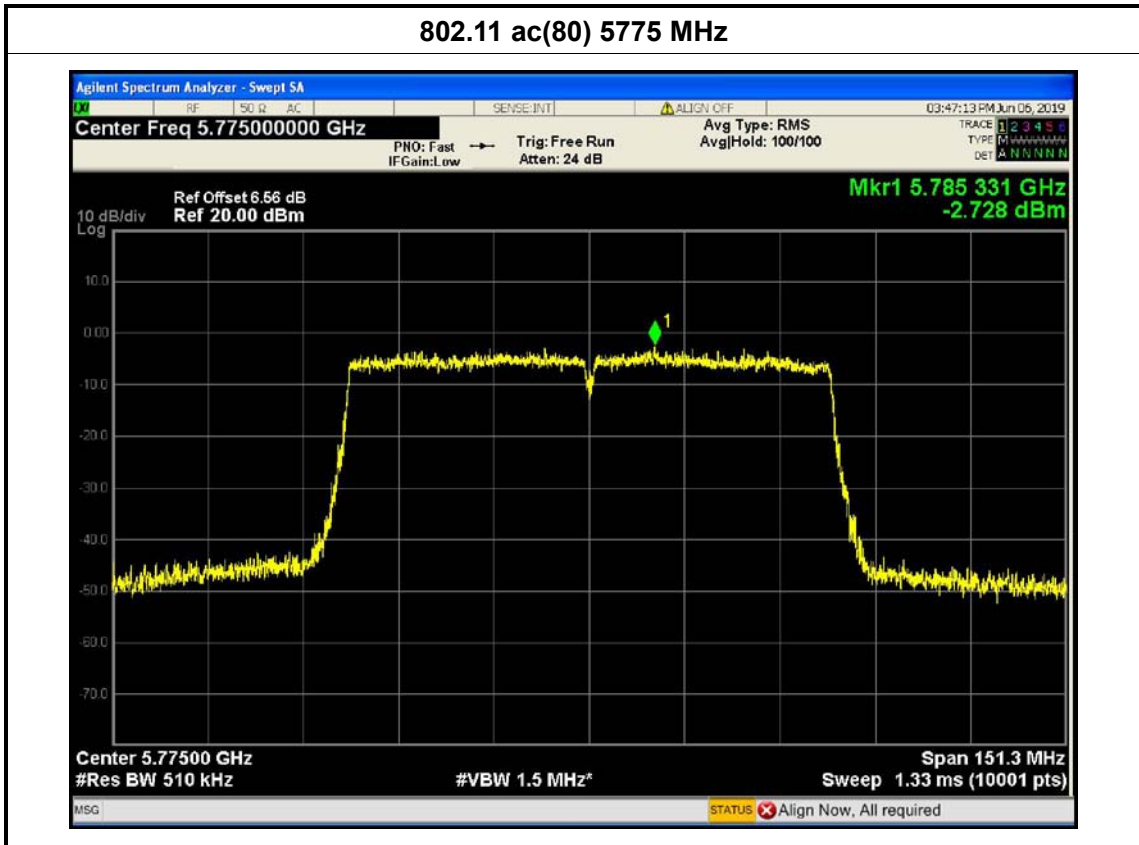


802.11 ac(40) 5755 MHz



802.11 ac(40) 5795 MHz





Attachment G----Frequency Stability Measurement Data

801.11a U-NII-1: 5180 MHz	
Voltage vs. Frequency Stability	
Voltage (V)	Measurement Frequency (MHz)
132	5179.973
120	5179.975
118	5179.987
Max. Deviation (MHz)	0.027
Max. Deviation (ppm)	5.21
Temperature vs. Frequency Stability	
Temperature (°C)	Measurement Frequency (MHz)
0	5179.965
10	5179.968
20	5179.971
30	5179.977
40	5179.982
50	5179.985
Max. Deviation (MHz)	0.035
Max. Deviation (ppm)	6.76
Limit (ppm)	25
Result	Pass

801.11a U-NII-3: 5745 MHz	
Voltage vs. Frequency Stability	
Voltage (V)	Measurement Frequency (MHz)
132	5744.968
120	5744.972
118	5744.976
Max. Deviation (MHz)	0.032
Max. Deviation (ppm)	5.57
Temperature vs. Frequency Stability	
Temperature (°C)	Measurement Frequency (MHz)
0	5744.952
10	5744.940
20	5744.943
30	5744.957
40	5744.961
50	5744.973
Max. Deviation (MHz)	0.06
Max. Deviation (ppm)	10.44
Limit (ppm)	25
Result	Pass

-----END OF REPORT-----