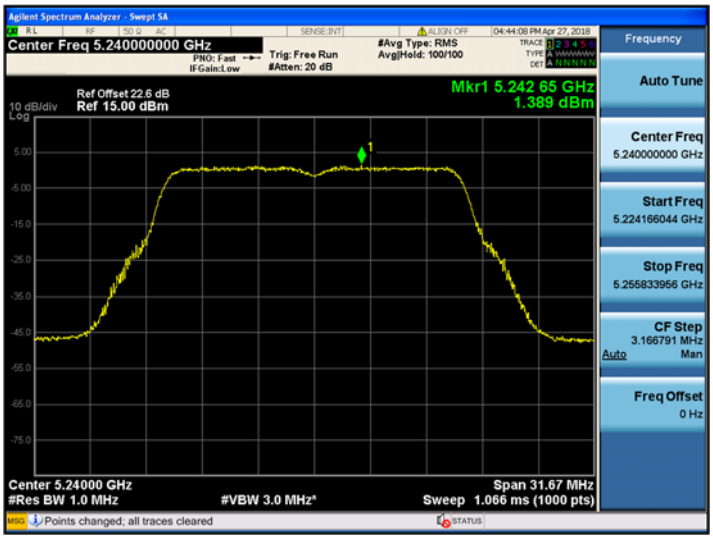
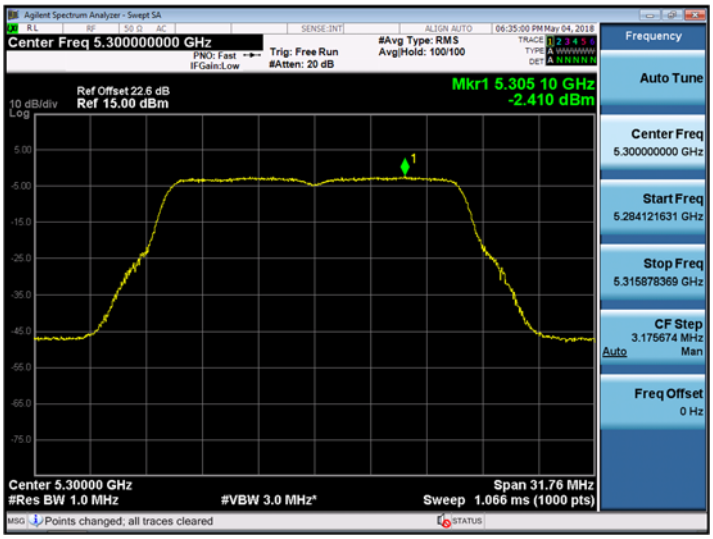
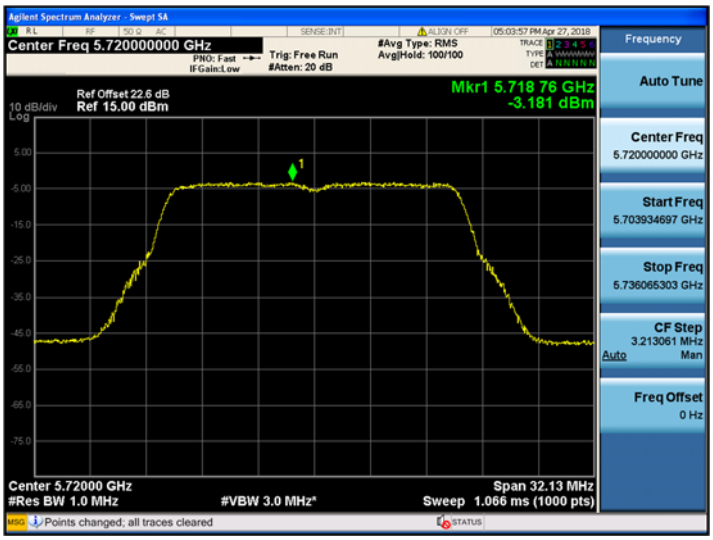
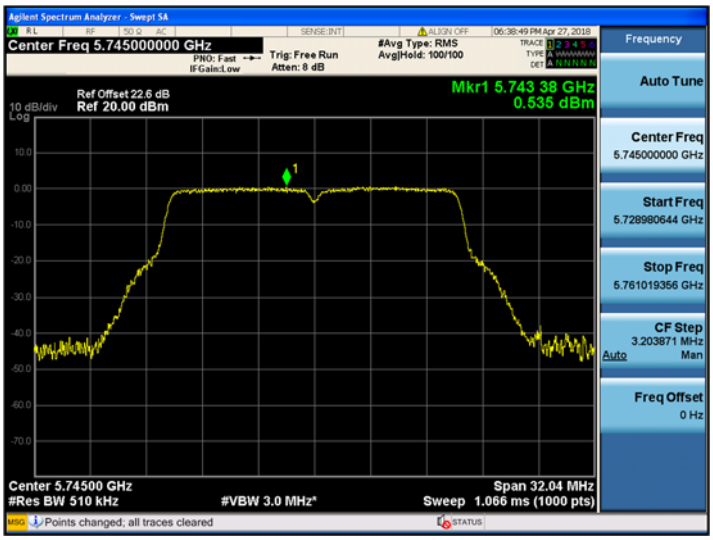
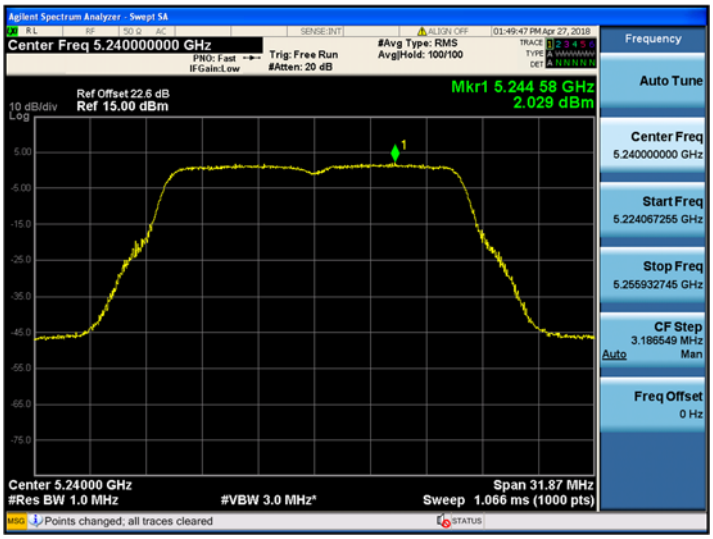
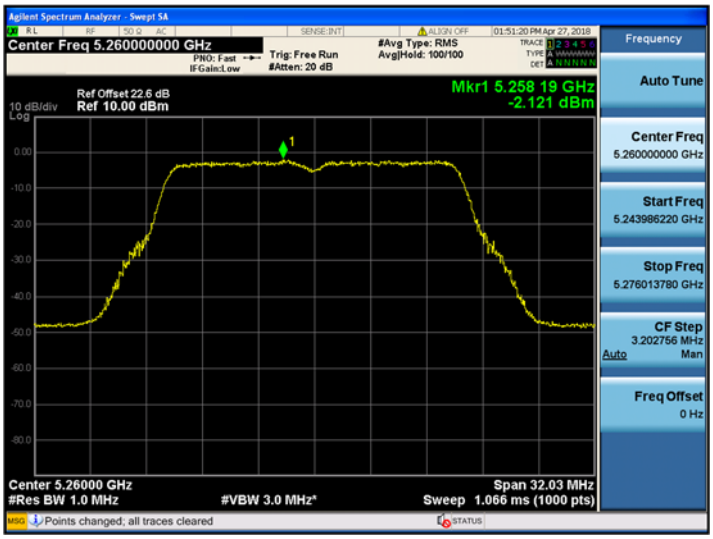
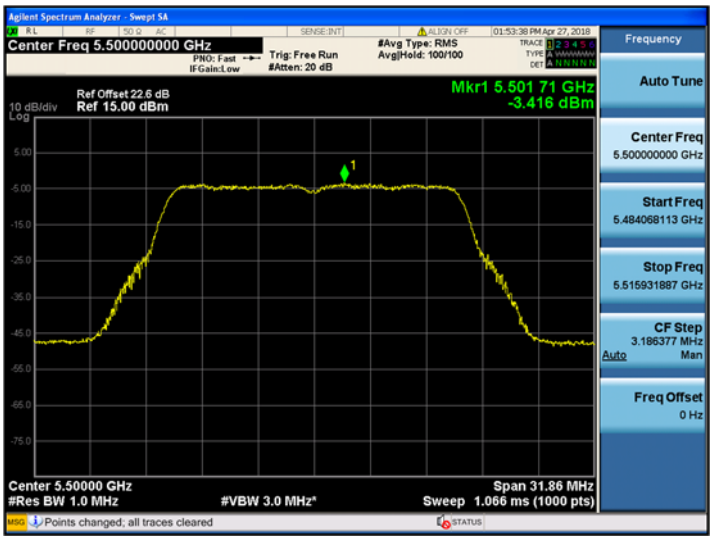
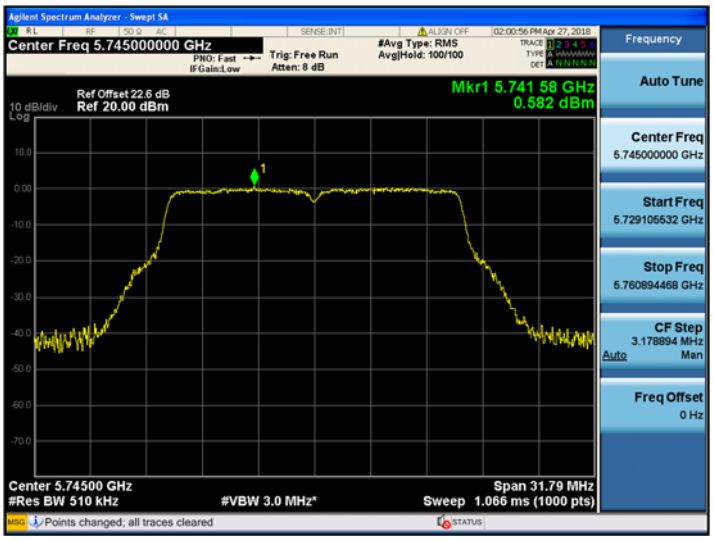
▣ TEST Plot for 802.11a 20MHz BW_Ant.2

802.11a UNII 1 BAND PSD CH 48	802.11a UNII 2A BAND PSD CH 60
	
802.11a UNII 2C BAND PSD CH 144	**802.11a UNII 3 BAND PSD CH 149**
	

▣ TEST Plot for 802.11a 20MHz BW_Ant.3

802.11a UNII 1 BAND PSD CH 48	802.11a UNII 2A BAND PSD CH 52
	
802.11a UNII 2C BAND PSD CH 100	**802.11a UNII 3 BAND PSD CH 149**
	

Ant.0

▣ TEST RESULTS

Conducted Power Density Measurements

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
5180	36	802.11n_ HT20 (SISO)	1.696	0.206	1.902	16.51	Pass
5200	40		1.103	0.418	1.521		Pass
5240	48		1.190	0.393	1.583		Pass
5260	52		-2.472	0.418	-2.054	10.20	Pass
5300	60		-2.128	0.353	-1.775		Pass
5320	64		-2.376	0.393	-1.983		Pass
5500	100		-3.356	0.215	-3.141	10.52	Pass
5600	120		-4.094	0.393	-3.701		Pass
5720	144		-3.075	0.393	-2.682		Pass
5745	149		0.359	0.212	0.571	29.52	Pass
5785	157		0.123	0.393	0.516		Pass
5825	165		-0.062	0.212	0.150		Pass

Ant.1

▣ TEST RESULTS

Conducted Power Density Measurements

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
5180	36	802.11n_ HT20 (SISO)	0.367	0.418	0.785	16.51	Pass
5200	40		0.326	0.353	0.679		Pass
5240	48		0.418	0.353	0.771		Pass
5260	52		-3.603	0.418	-3.185	10.20	Pass
5300	60		-3.535	0.418	-3.117		Pass
5320	64		-3.569	0.353	-3.216		Pass
5500	100		-4.310	0.418	-3.892	10.52	Pass
5600	120		-4.824	0.418	-4.406		Pass
5720	144		-3.374	0.418	-2.956		Pass
5745	149		-0.265	0.206	-0.059	29.52	Pass
5785	157		-0.262	0.418	0.156		Pass
5825	165		-0.814	0.393	-0.421		Pass

Ant.2

▣ TEST RESULTS

Conducted Power Density Measurements

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
5180	36	802.11n_ HT20 (SISO)	1.426	0.212	1.638	16.51	Pass
5200	40		1.138	0.206	1.344		Pass
5240	48		0.779	0.418	1.197		Pass
5260	52		-2.791	0.418	-2.373	10.20	Pass
5300	60		-2.438	0.212	-2.226		Pass
5320	64		-2.819	0.353	-2.466		Pass
5500	100		-4.017	0.418	-3.599	10.52	Pass
5600	120		-4.554	0.353	-4.201		Pass
5720	144		-3.500	0.418	-3.082		Pass
5745	149		0.481	0.206	0.687	29.52	Pass
5785	157		0.138	0.206	0.344		Pass
5825	165		-0.409	0.206	-0.203		Pass

Ant.3

▣ TEST RESULTS

Conducted Power Density Measurements

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
5180	36	802.11n_ HT20 (SISO)	0.748	0.418	1.166	16.51	Pass
5200	40		0.895	0.393	1.288		Pass
5240	48		1.352	0.418	1.770		Pass
5260	52		-2.288	0.393	-1.895	10.20	Pass
5300	60		-2.766	0.418	-2.348		Pass
5320	64		-2.231	0.353	-1.878		Pass
5500	100		-3.946	0.418	-3.528	10.52	Pass
5600	120		-5.086	0.418	-4.668		Pass
5720	144		-4.151	0.418	-3.733		Pass
5745	149		0.335	0.280	0.615	29.52	Pass
5785	157		-0.187	0.393	0.206		Pass
5825	165		-0.020	0.393	0.373		Pass

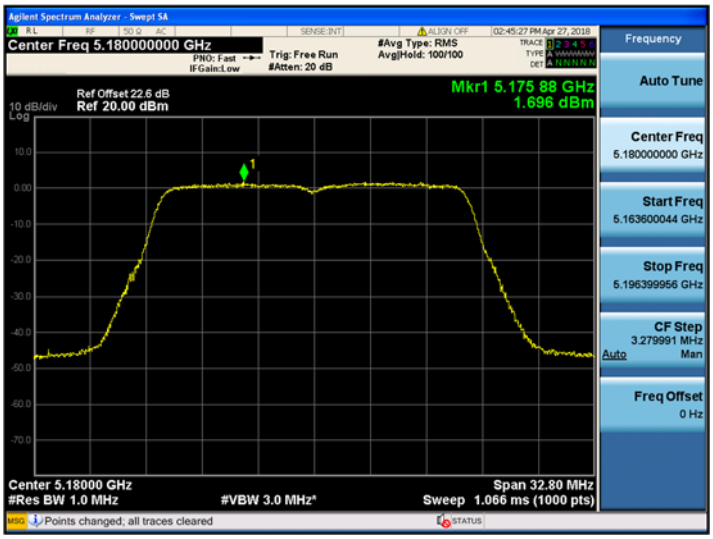
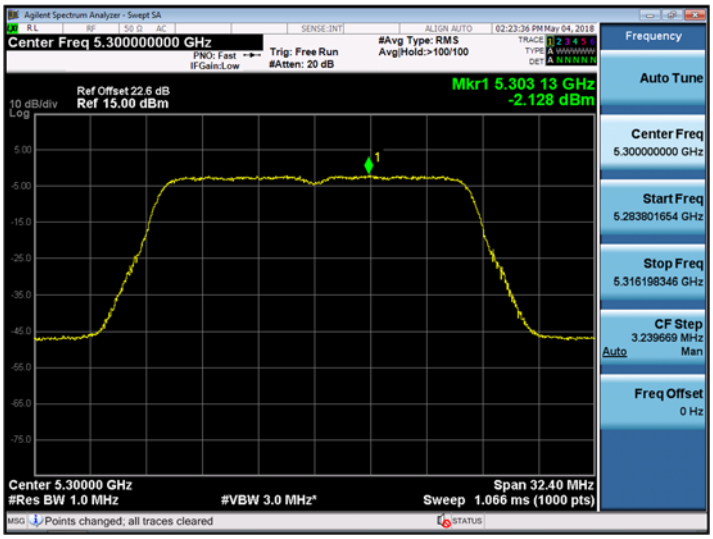
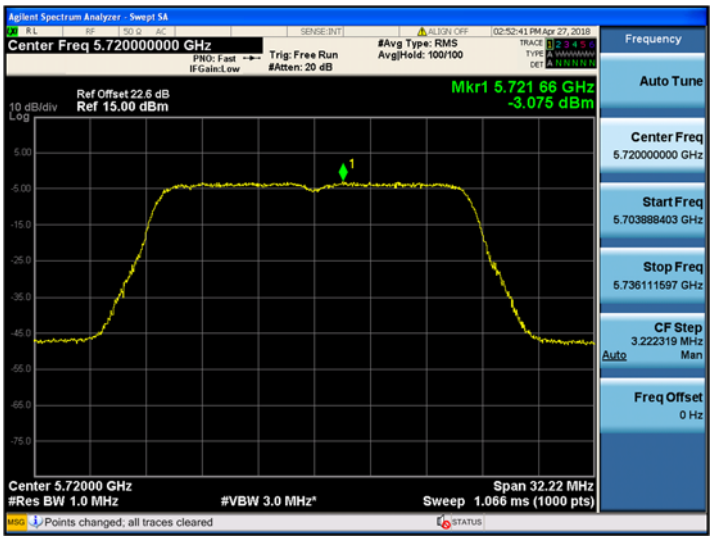
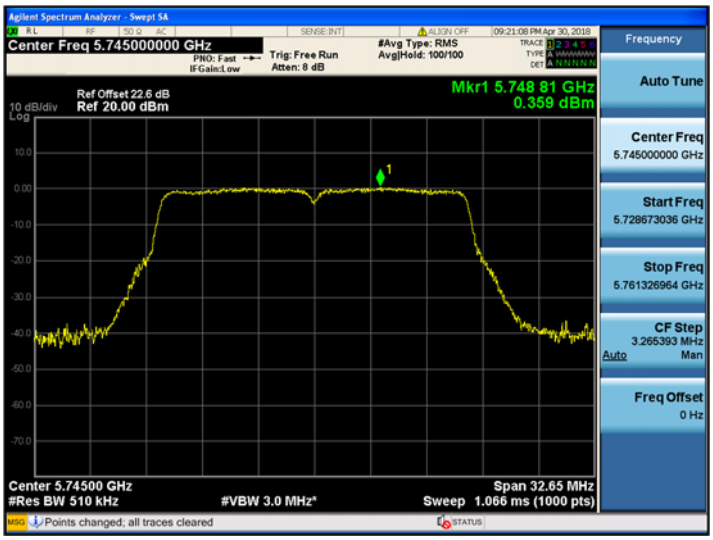
▣ **Sum Data of Ant.0 and Ant.1 and Ant.2 and Ant.3**

▣ **TEST RESULTS**

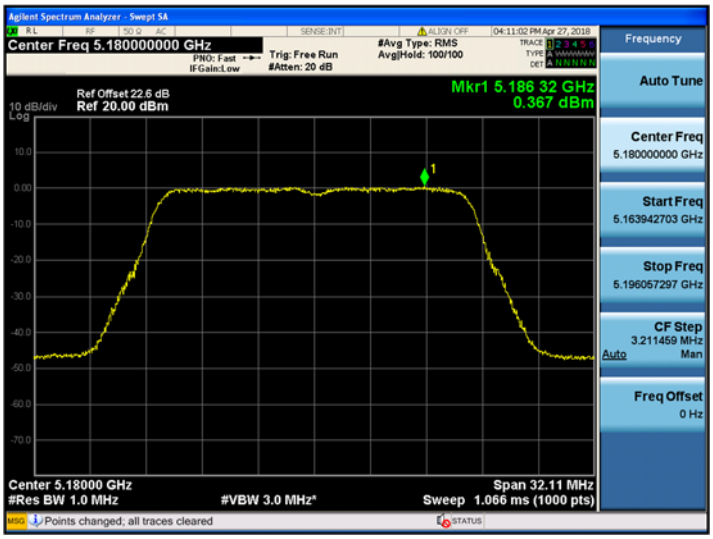
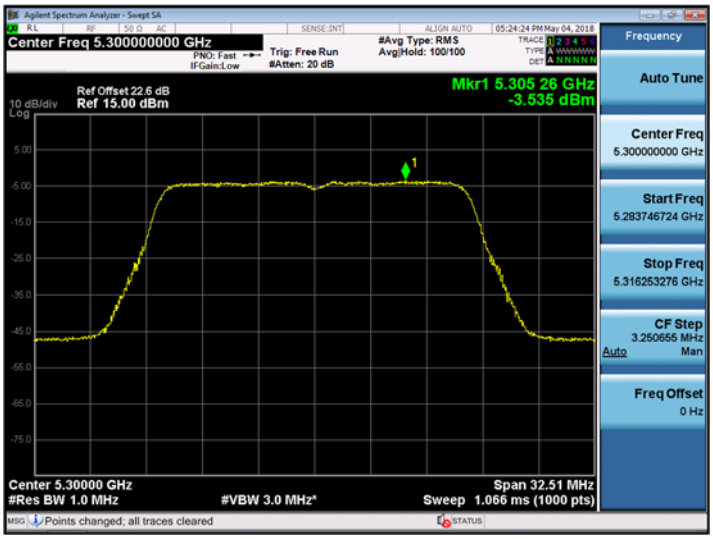
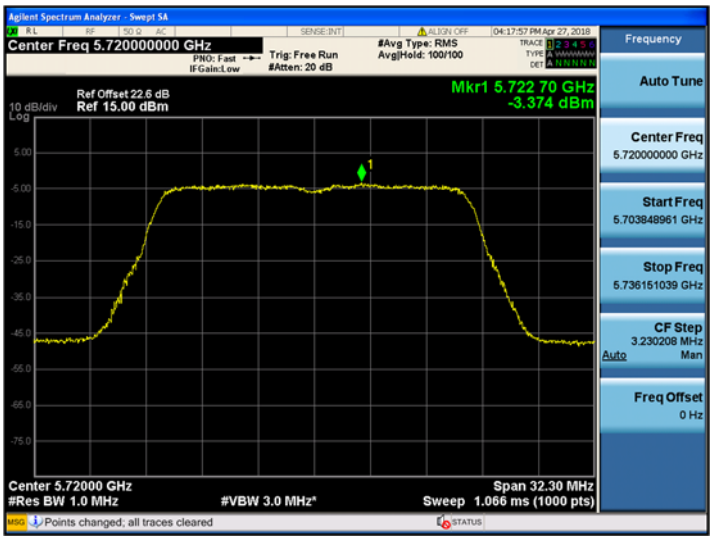
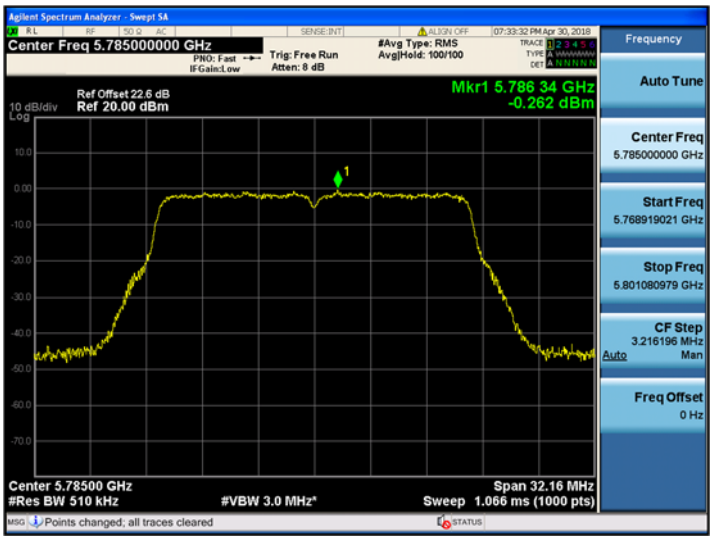
Conducted Power Density Measurements

Frequency (MHz)	Channel No.	Mode	Test Result		
			Measured Power Density (dBm)	Limit (dBm)	Pass/Fail
5180	36	802.11n_ HT20 (MIMO)	7.40	10.49	Pass
5200	40		7.23		Pass
5240	48		7.36		Pass
5260	52		3.66	4.18	Pass
5300	60		3.67		Pass
5320	64		3.65		Pass
5500	100		2.48	4.50	Pass
5600	120		1.78		Pass
5720	144		2.92		Pass
5745	149		6.48	23.50	Pass
5785	157		6.33		Pass
5825	165		6.00		Pass

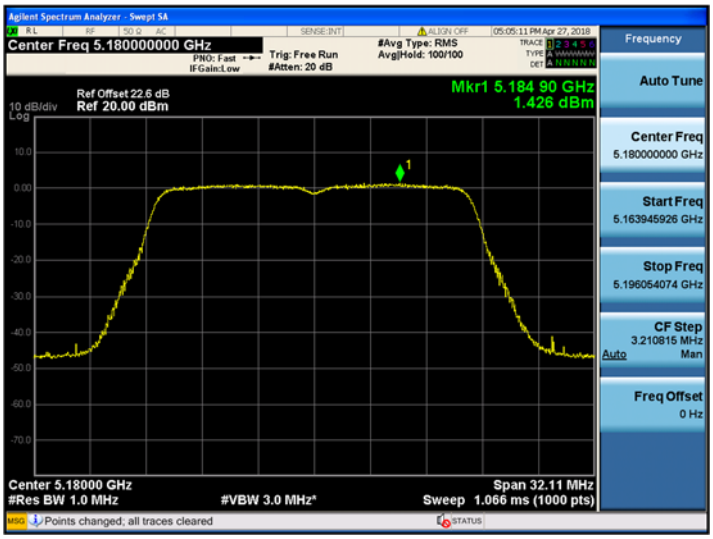
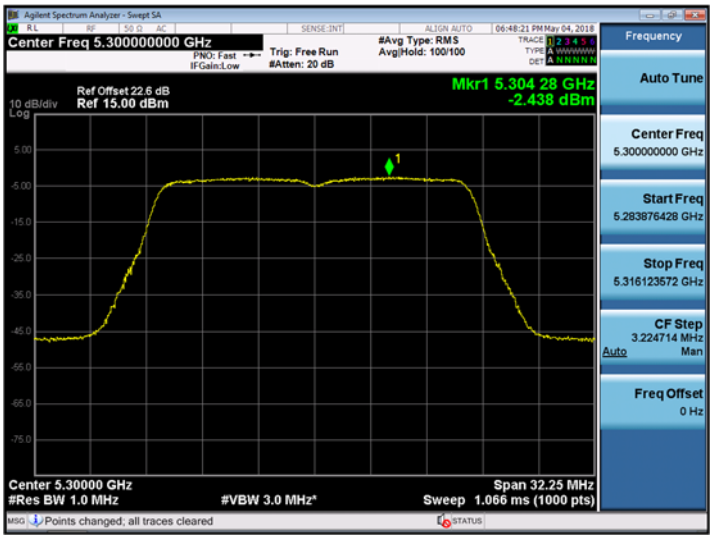
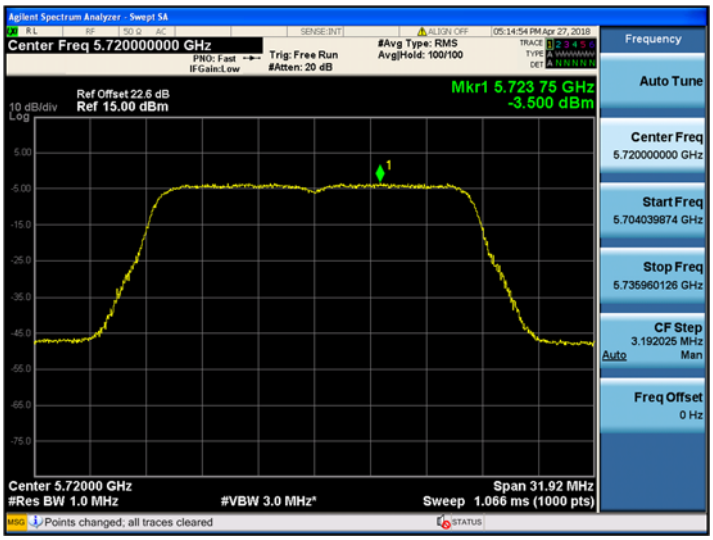
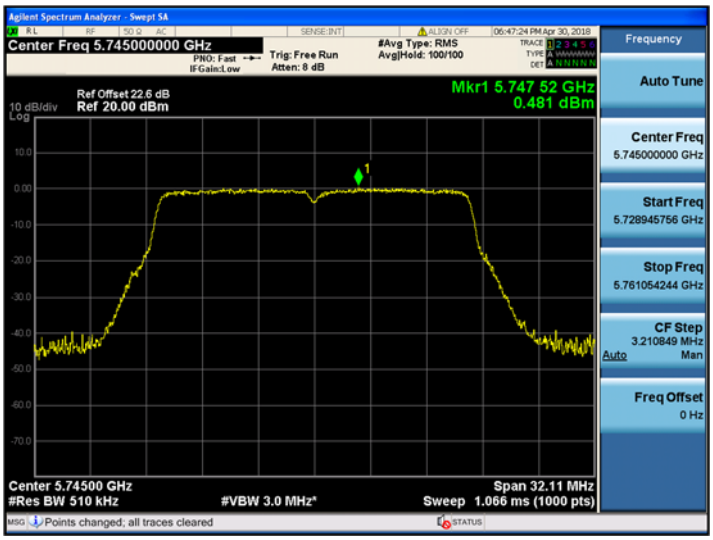
▣ TEST Plot for 802.11n_HT20_Ant.0

802.11n_HT20 UNII 1 BAND PSD CH 36	802.11n_HT20 UNII 2A BAND PSD CH 60
	
802.11n_HT20 UNII 2C BAND PSD CH 144	**802.11n_HT20 UNII 3 BAND PSD CH 149**
	

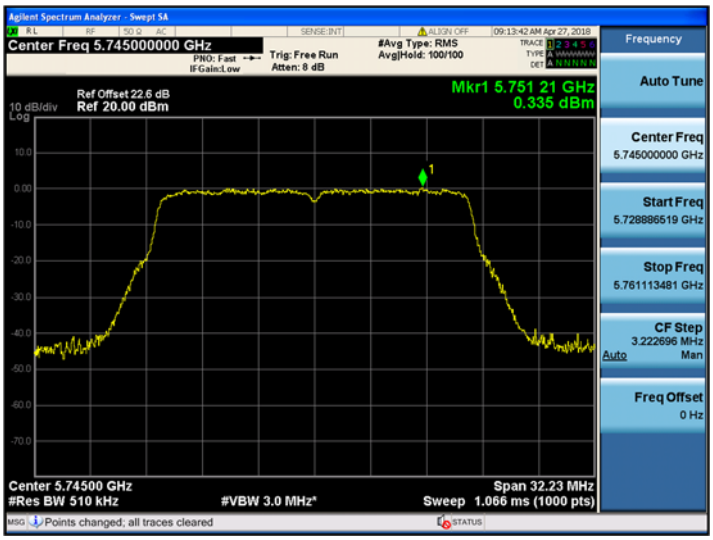
▣ TEST Plot for 802.11n_HT20_Ant.1

802.11n_HT20 UNII 1 BAND PSD CH 36	802.11n_HT20 UNII 2A BAND PSD CH 60
	
802.11n_HT20 UNII 2C BAND PSD CH 144	**802.11n_HT20 UNII 3 BAND PSD CH 157**
	

▣ TEST Plot for 802.11n_HT20_Ant.2

802.11n_HT20 UNII 1 BAND PSD CH 36	802.11n_HT20 UNII 2A BAND PSD CH 60
	
802.11n_HT20 UNII 2C BAND PSD CH 144	**802.11n_HT20 UNII 3 BAND PSD CH 149**
	

▣ TEST Plot for 802.11n_HT20_Ant.3

802.11n_HT20 UNII 1 BAND PSD CH 48	802.11n_HT20 UNII 2A BAND PSD CH 64
802.11n_HT20 UNII 2C BAND PSD CH 100	**802.11n_HT20 UNII 3 BAND PSD CH 149**
	

Ant.0

▣ TEST RESULTS

Conducted Power Density Measurements

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
5180	36	802.11ac _VHT20 (SISO)	1.251	0.465	1.716	16.51	Pass
5200	40		0.654	0.502	1.156		Pass
5240	48		1.084	0.578	1.662		Pass
5260	52		-3.036	0.578	-2.458	10.20	Pass
5300	60		-2.721	0.578	-2.143		Pass
5320	64		-2.672	0.578	-2.094		Pass
5500	100		-3.484	0.578	-2.906	10.52	Pass
5600	120		-4.178	0.578	-3.600		Pass
5720	144		-2.883	0.578	-2.305		Pass
5745	149		0.397	0.578	0.975	29.52	Pass
5785	157		-0.003	0.427	0.424		Pass
5825	165		-0.079	0.465	0.386		Pass

Ant.1

▣ TEST RESULTS

Conducted Power Density Measurements

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
5180	36	802.11ac _VHT20 (SISO)	-1.393	0.578	-0.815	16.51	Pass
5200	40		0.121	0.578	0.699		Pass
5240	48		-0.955	0.578	-0.377		Pass
5260	52		-5.226	0.578	-4.648	10.20	Pass
5300	60		-3.542	0.502	-3.040		Pass
5320	64		-4.950	0.578	-4.372		Pass
5500	100		-7.229	0.502	-6.727	10.52	Pass
5600	120		-8.920	0.578	-8.342		Pass
5720	144		-7.754	0.578	-7.176		Pass
5745	149		-0.610	0.465	-0.145	29.52	Pass
5785	157		-0.703	0.465	-0.238		Pass
5825	165		-0.639	0.502	-0.137		Pass

Ant.2

▣ TEST RESULTS

Conducted Power Density Measurements

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
5180	36	802.11ac _VHT20 (SISO)	0.800	0.502	1.302	16.51	Pass
5200	40		0.950	0.177	1.127		Pass
5240	48		0.710	0.578	1.288		Pass
5260	52		-3.361	0.502	-2.859	10.20	Pass
5300	60		-3.281	0.465	-2.816		Pass
5320	64		-3.575	0.578	-2.997		Pass
5500	100		-4.283	0.502	-3.781	10.52	Pass
5600	120		-4.536	0.502	-4.034		Pass
5720	144		-3.547	0.502	-3.045		Pass
5745	149		0.448	0.126	0.574	29.52	Pass
5785	157		-0.053	0.126	0.073		Pass
5825	165		-0.388	0.502	0.114		Pass

Ant.3

▣ TEST RESULTS

Conducted Power Density Measurements

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
5180	36	802.11ac _VHT20 (SISO)	0.859	0.502	1.361	16.51	Pass
5200	40		0.496	0.502	0.998		Pass
5240	48		1.089	0.578	1.667		Pass
5260	52		-2.823	0.578	-2.245	10.20	Pass
5300	60		-2.712	0.578	-2.134		Pass
5320	64		-2.886	0.578	-2.308		Pass
5500	100		-4.156	0.502	-3.654	10.52	Pass
5600	120		-4.980	0.502	-4.478		Pass
5720	144		-4.030	0.578	-3.452		Pass
5745	149		0.527	0.177	0.704	29.52	Pass
5785	157		-0.261	0.126	-0.135		Pass
5825	165		-0.194	0.465	0.271		Pass

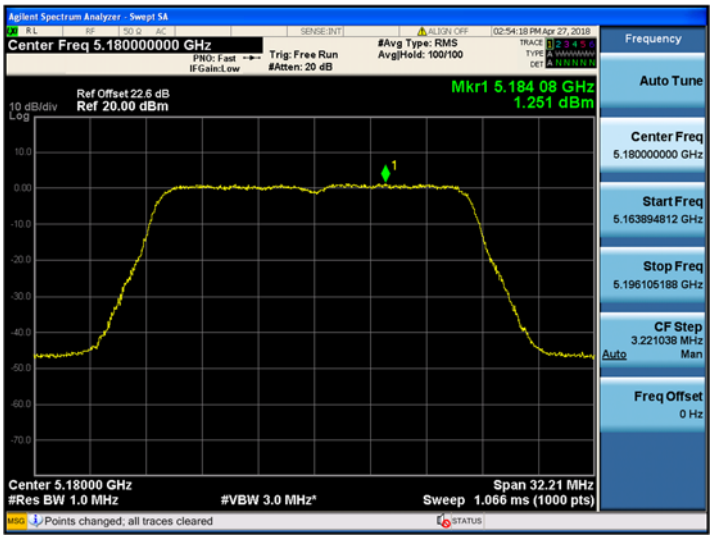
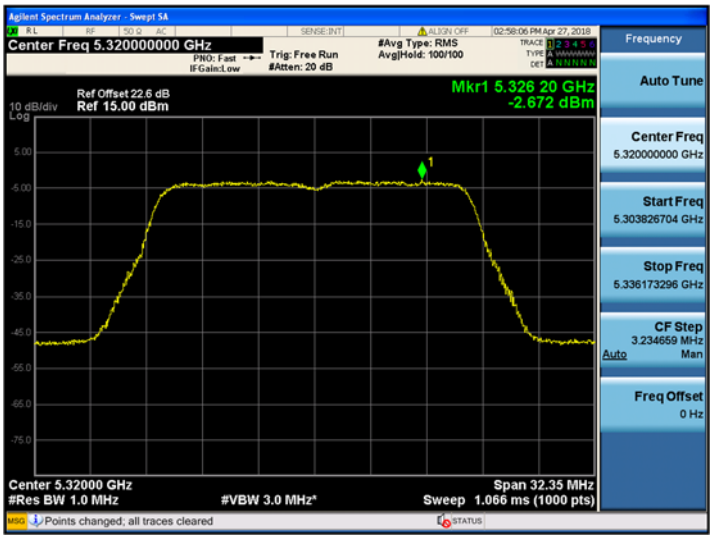
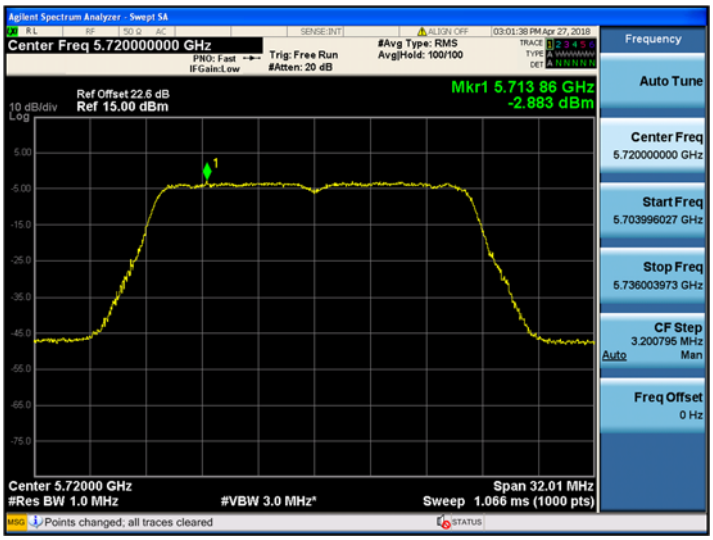
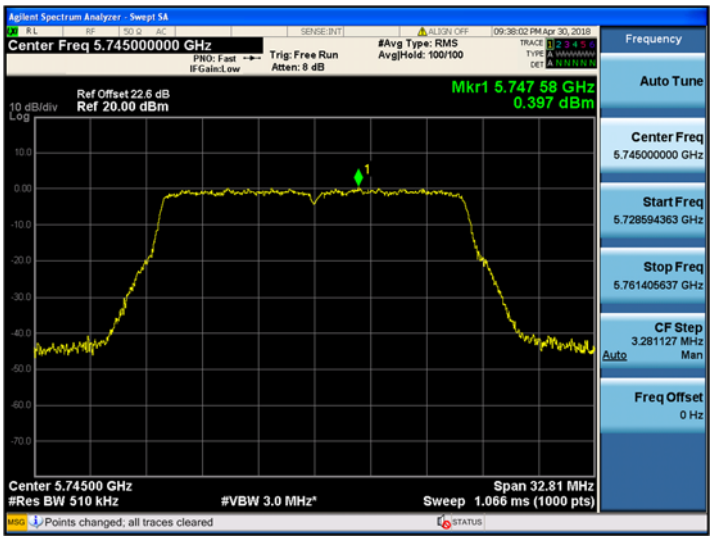
▣ **Sum Data of Ant.0 and Ant.1 and Ant.2 and Ant.3**

▣ **TEST RESULTS**

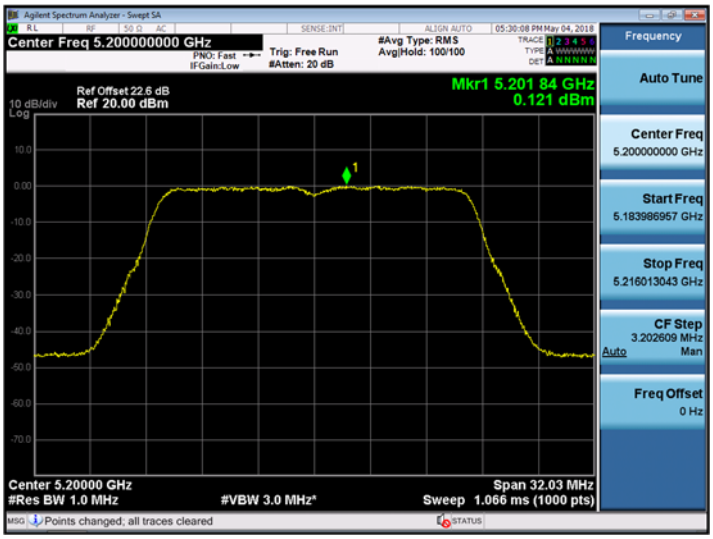
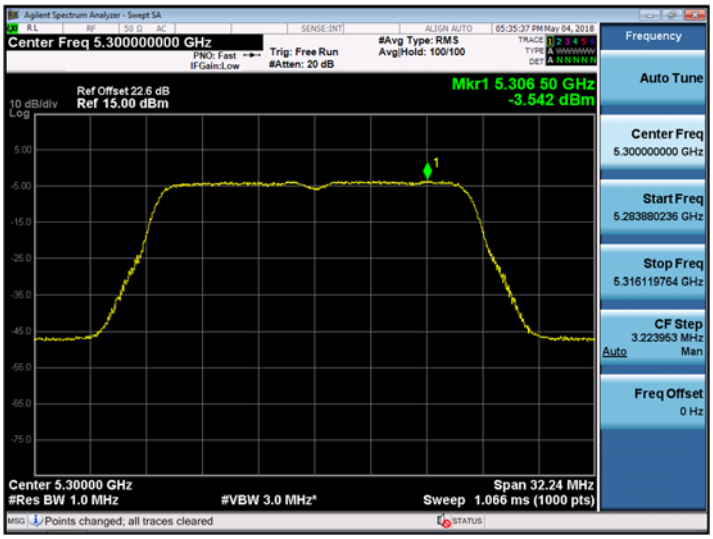
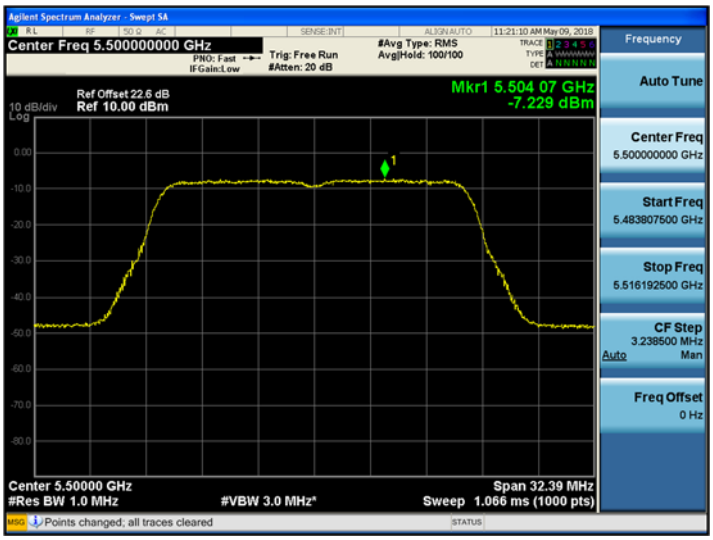
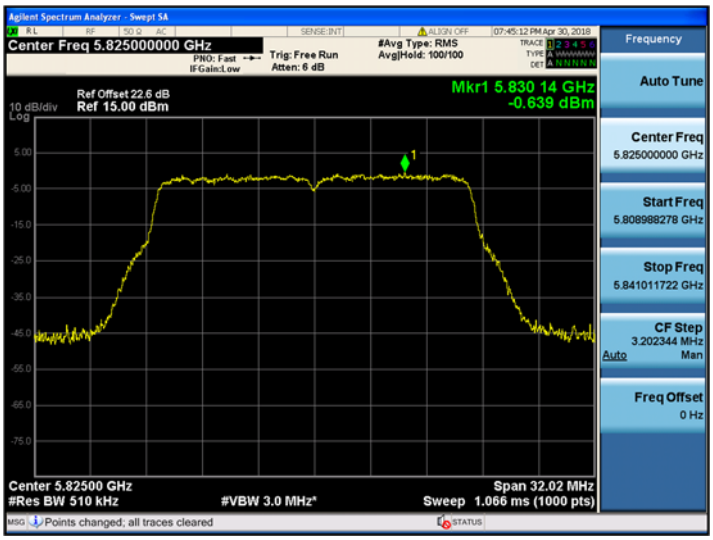
Conducted Power Density Measurements

Frequency (MHz)	Channel No.	Mode	Test Result		
			Measured Power Density (dBm)	Limit (dBm)	Pass/Fail
5180	36	802.11ac _VHT20 (MIMO)	6.97	10.49	Pass
5200	40		7.02		Pass
5240	48		7.12		Pass
5260	52		3.02	4.18	Pass
5300	60		3.50		Pass
5320	64		3.12		Pass
5500	100		1.87	4.50	Pass
5600	120		1.10		Pass
5720	144		2.22		Pass
5745	149		6.56	23.50	Pass
5785	157		6.06		Pass
5825	165		6.18		Pass

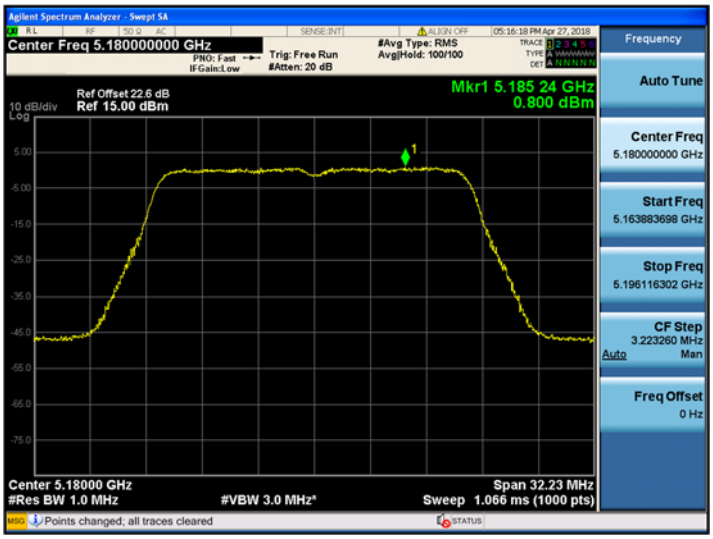
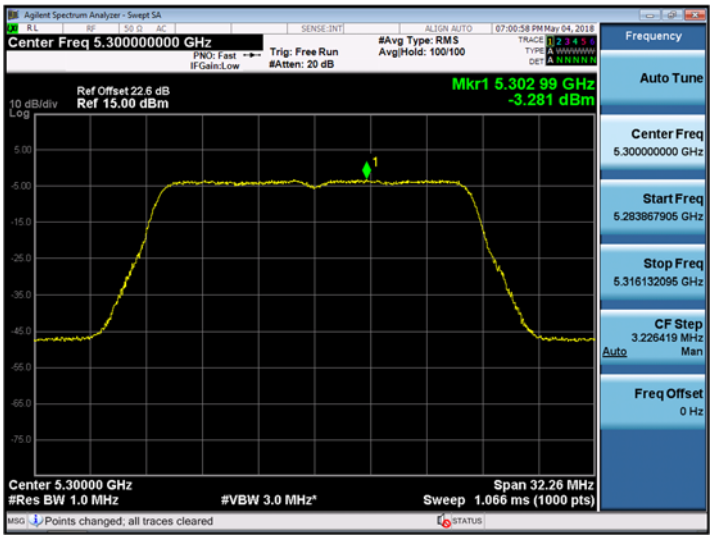
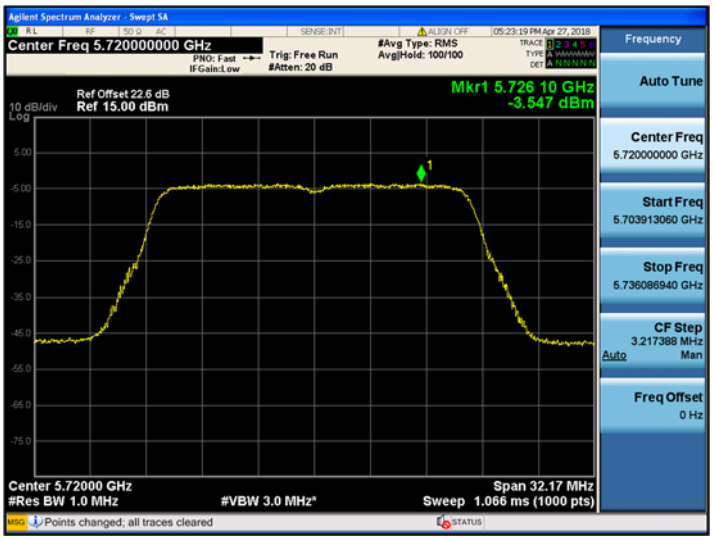
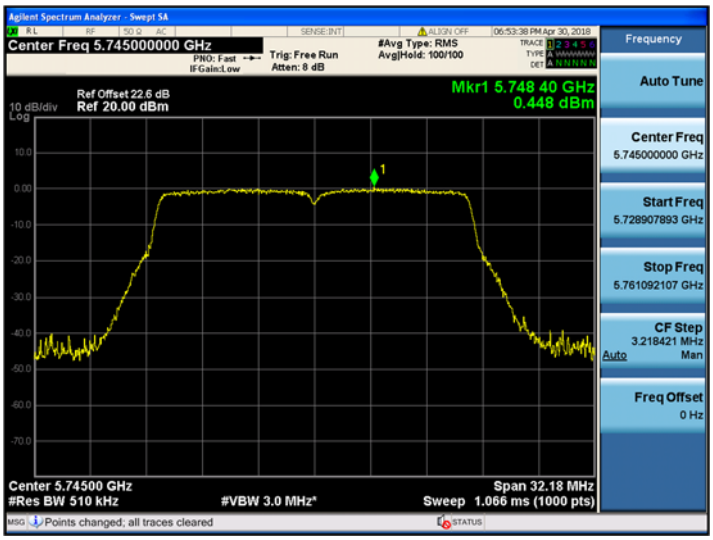
▣ TEST Plot for 802.11ac_VHT20_Ant.0

802.11ac_VHT20 UNII 1 BAND PSD CH 36	802.11ac_VHT20 UNII 2A BAND PSD CH 64
	
802.11ac_VHT20 UNII 2C BAND PSD CH 144	**802.11ac_VHT20 UNII 3 BAND PSD CH 149**
	

▣ TEST Plot for 802.11ac_VHT20_Ant.1

802.11ac_VHT20 UNII 1 BAND PSD CH 40	802.11ac_VHT20 UNII 2A BAND PSD CH 60
	
802.11ac_VHT20 UNII 2C BAND PSD CH 100	**802.11ac_VHT20 UNII 3 BAND PSD CH 165**
	

▣ TEST Plot for 802.11ac_VHT20_Ant.2

802.11ac_VHT20 UNII 1 BAND PSD CH 36	802.11ac_VHT20 UNII 2A BAND PSD CH 60
	
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