



NOTE: Both antenna A , B combined A+B have been test,802.11a model cannot output Power at the same time.Only show the worst data of Antenna A;  
802.11n20/n40/ac20/ac40/ac80 can output Power at the same time,  
combined A+B is shown in the report.

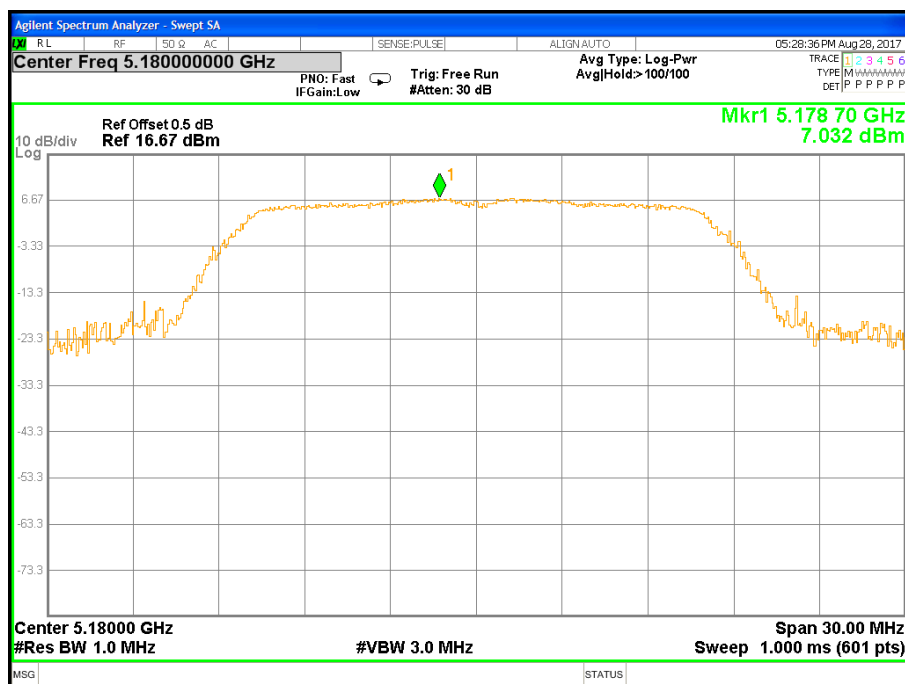
**Band I (5.15-5.25GHz)**

5150-5250MHz					
Frequency	Power Density A(dBm)	Power Density B(dBm)	Power Density Total(dBm)	Limit	Result
802.11a					
5180	7.032	6.890	--	11	PASS
5200	7.014	6.983	--	11	PASS
5240	7.246	7.104	--	11	PASS
802.11n20					
5180	6.720	6.491	9.617	11	PASS
5200	7.222	7.093	10.168	11	PASS
5240	6.629	6.399	9.526	11	PASS
802.11n40					
5190	5.768	5.433	8.614	11	PASS
5230	4.304	4.096	7.212	11	PASS
802.11ac20					
5180	6.720	6.439	9.592	11	PASS
5200	7.222	6.971	10.109	11	PASS
5240	6.629	6.437	9.544	11	PASS
802.11ac40					
5190	5.866	5.625	8.757	11	PASS
5230	5.495	5.272	8.395	11	PASS
802.11ac80					
5210	3.259	3.007	6.145	11	PASS

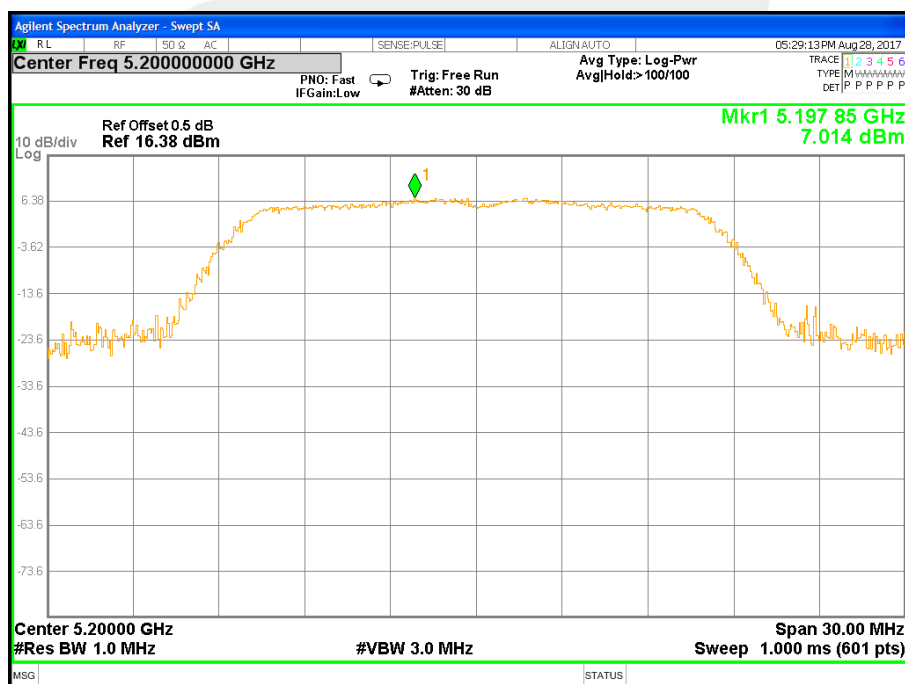


## Band I (5.15-5.25GHz) 802.11a Antenna A

## PSD 802.11a Channel 36

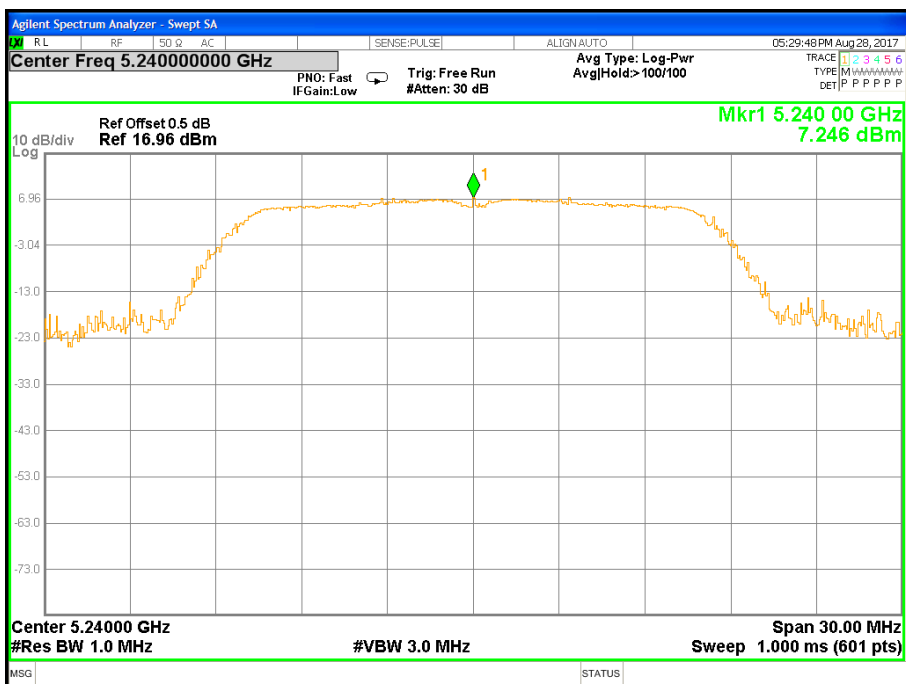


## PSD 802.11a Channel 40





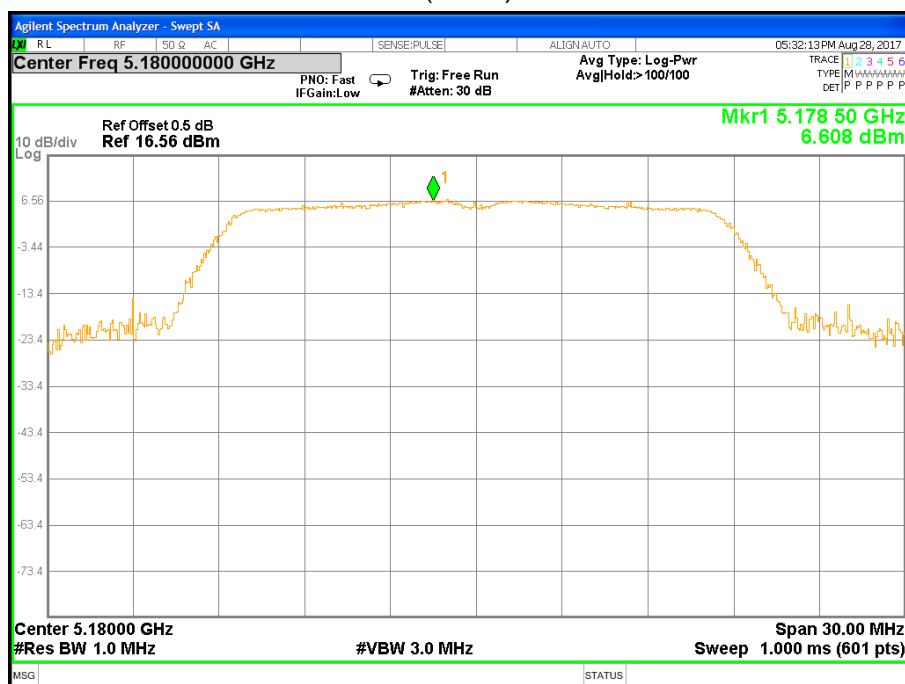
## PSD 802.11a Channel 48



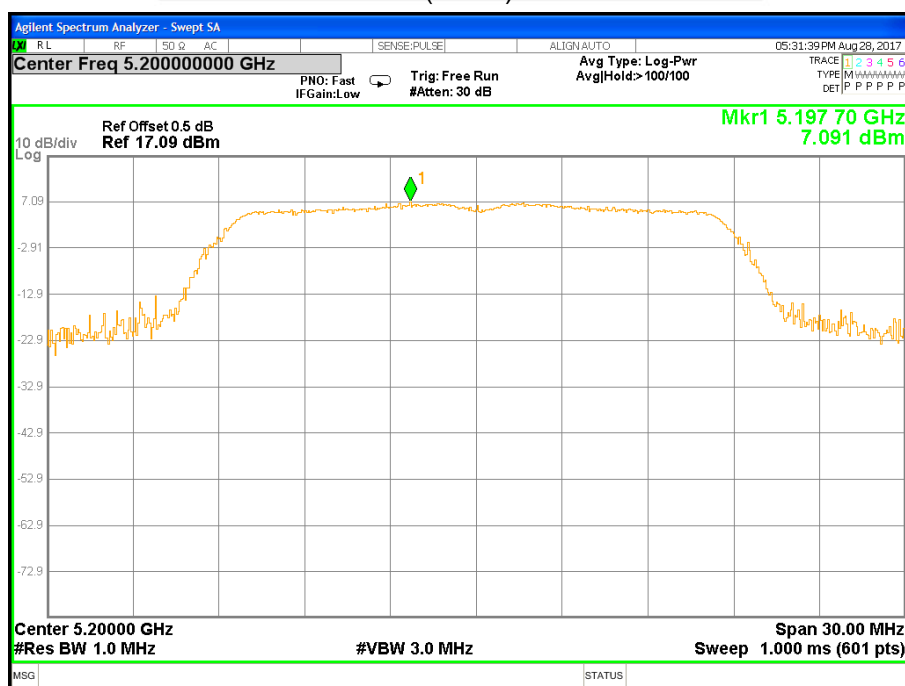


## Band I (5.15-5.25GHz) 802.11n(HT20) Antenna A+B

## PSD 802.11n(HT20) Channel 36

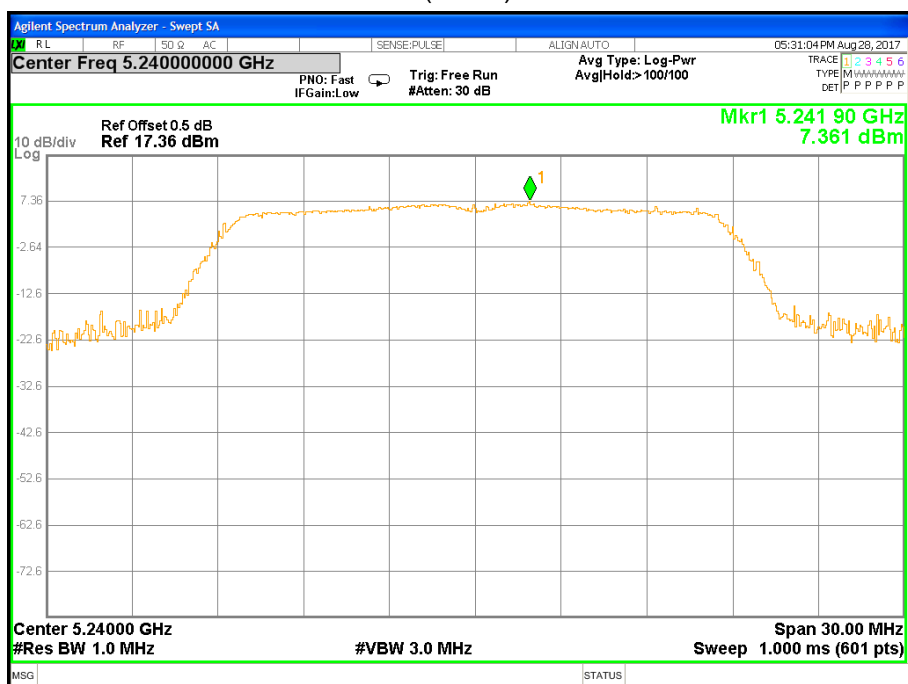


## PSD 802.11n(HT20) Channel 40



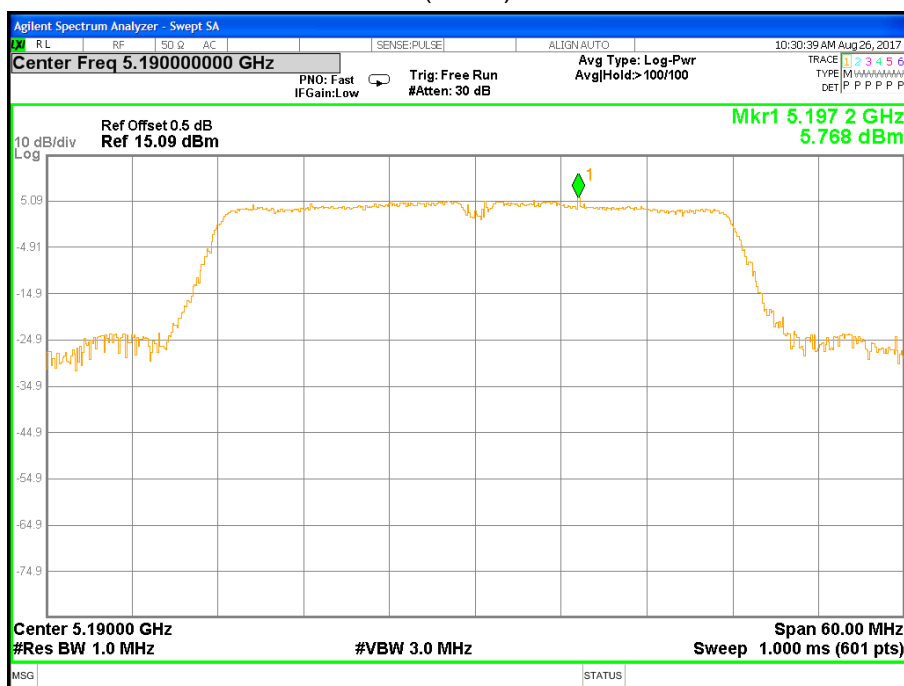


## PSD 802.11n(HT20) Channel 48

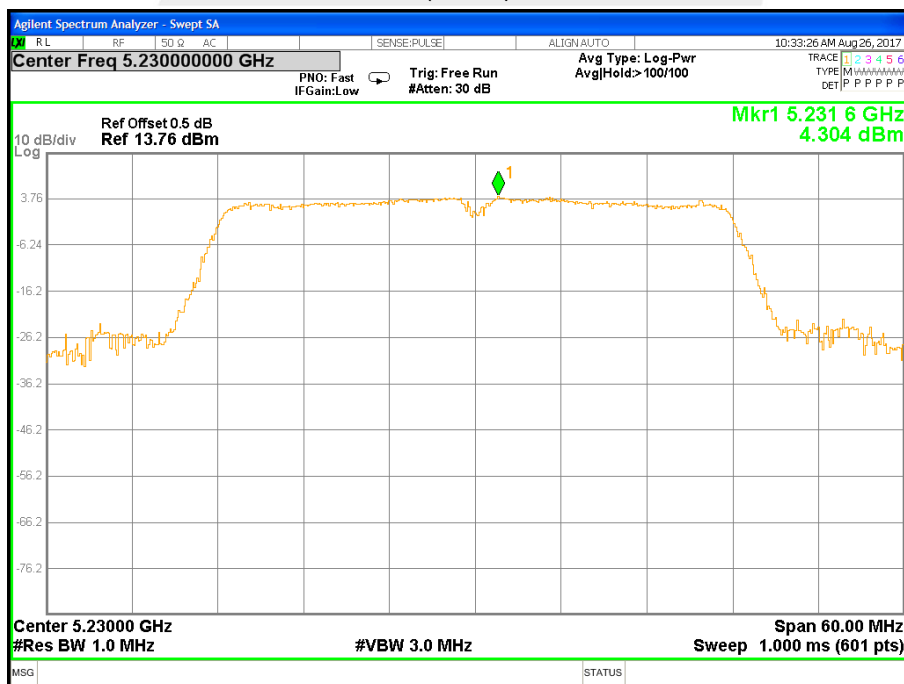


# Band I (5.15-5.25GHz) 802.11n(HT40) Antenna A+B

## PSD 802.11n(HT40) Channel 38

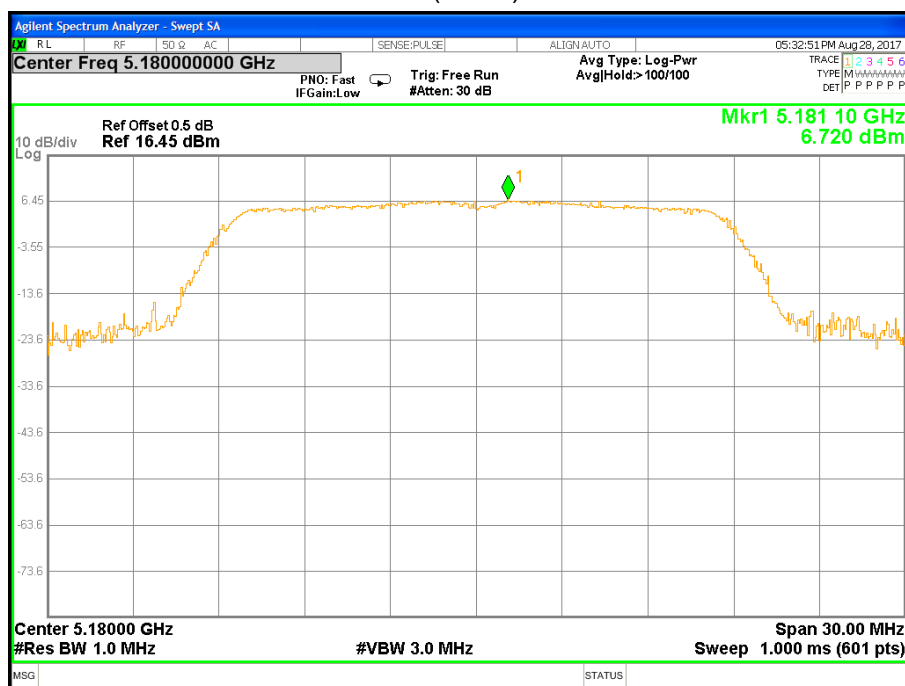


## PSD 802.11n(HT40) Channel 46

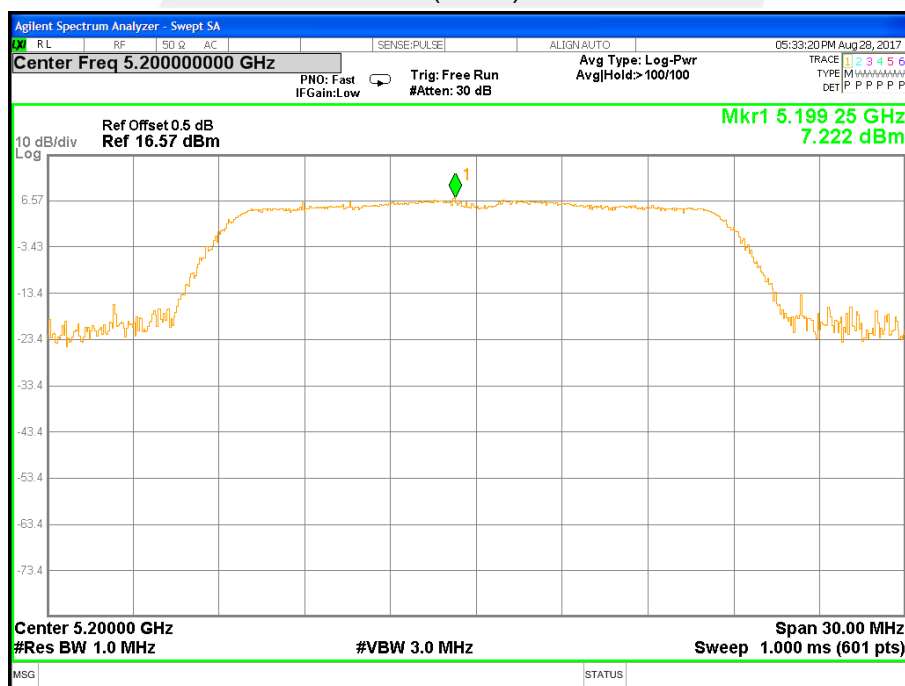


# Band I (5.15-5.25GHz) 802.11ac(HT20) Antenna A+B

## PSD 802.11ac(HT20) Channel 36

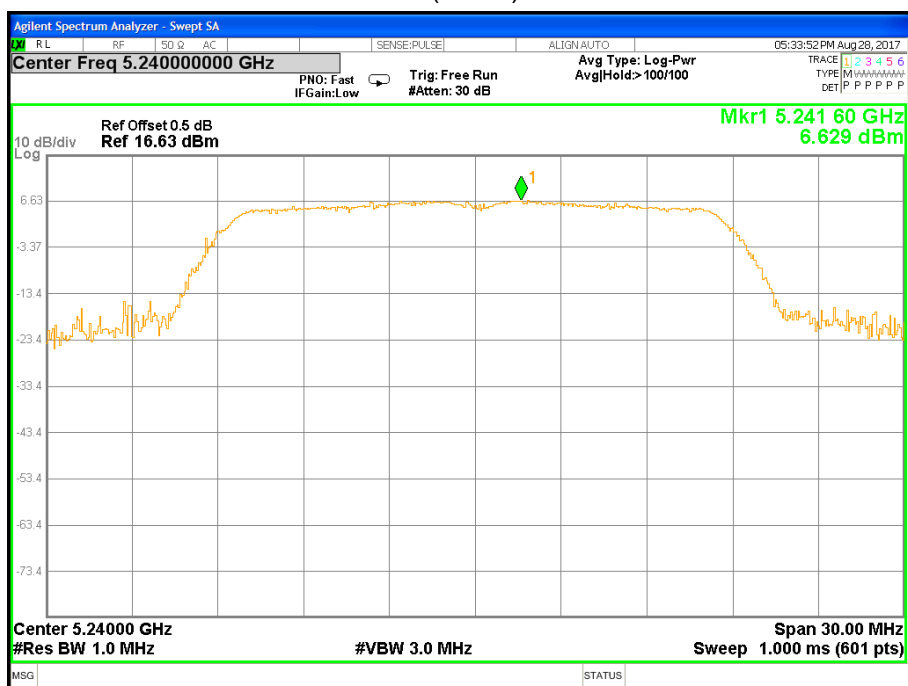


## PSD 802.11ac(HT20) Channel 40





## PSD 802.11ac(HT20) Channel 48

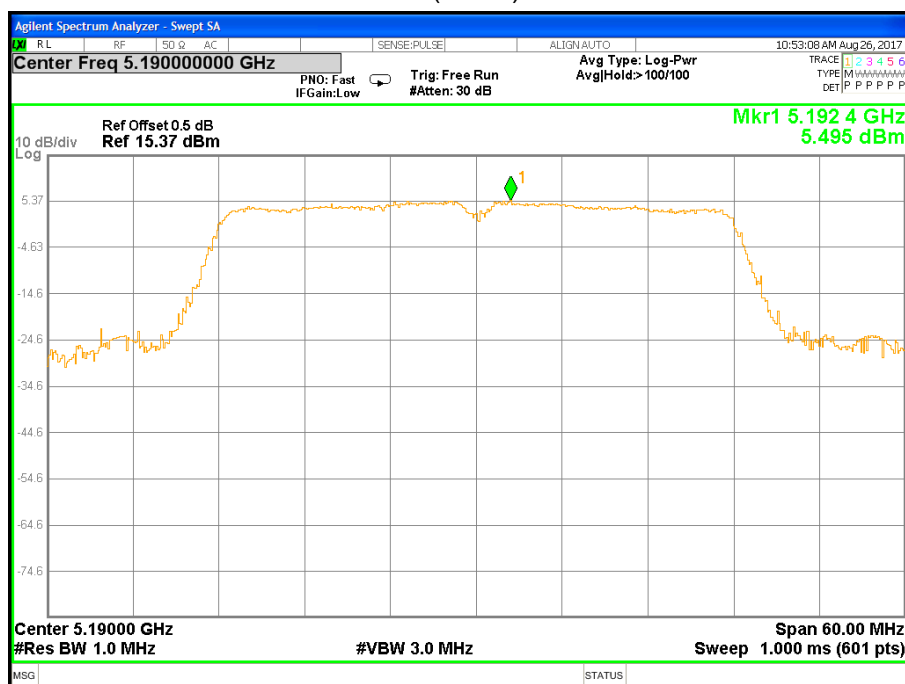




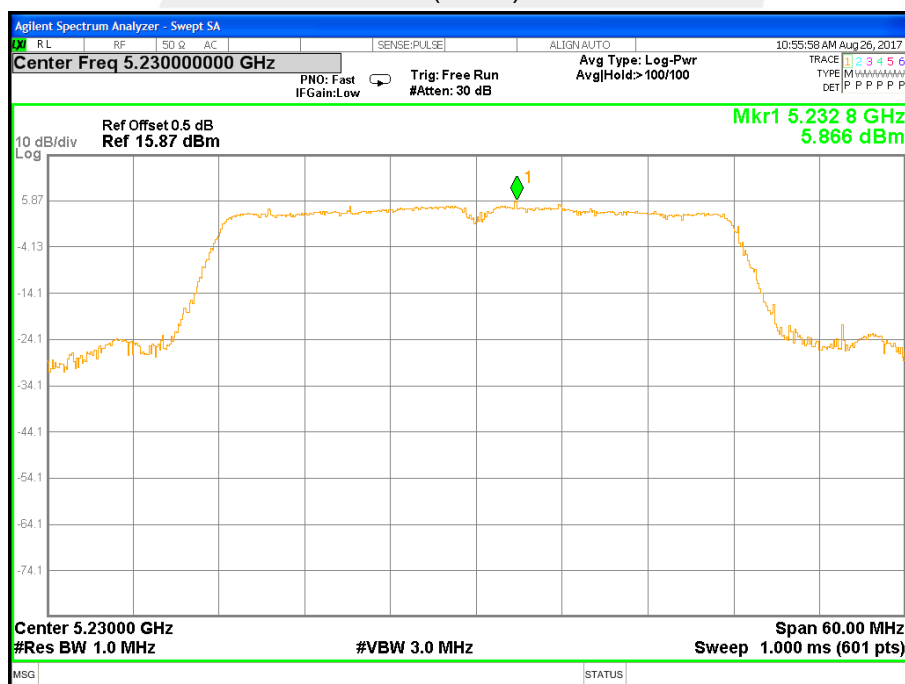


## Band I (5.15-5.25GHz) 802.11ac(HT40) Antenna A+B

## PSD 802.11ac(HT40) Channel 38



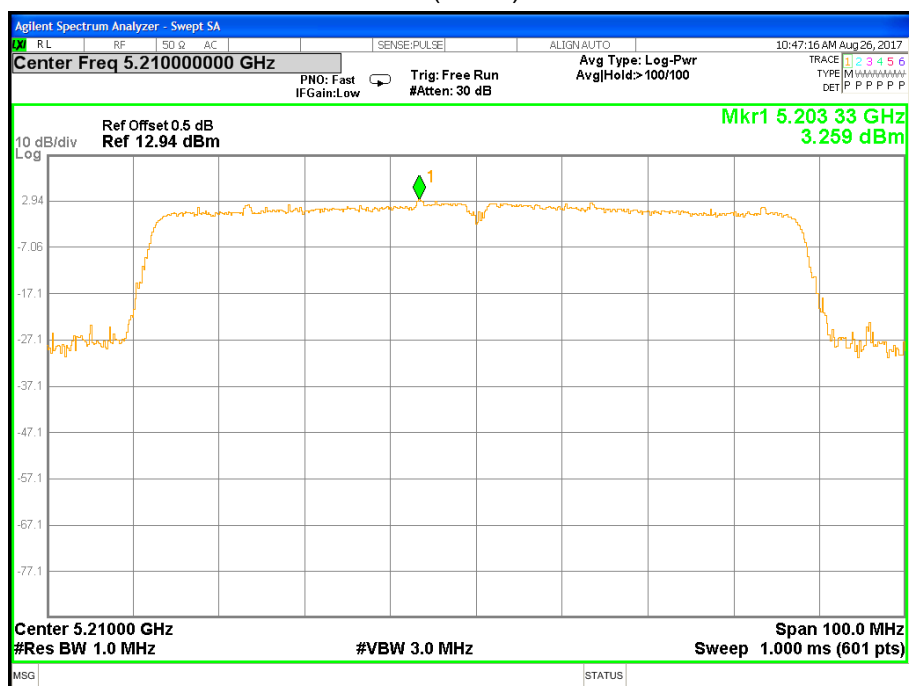
## PSD 802.11ac(HT40) Channel 46





## Band I (5.15-5.25GHz) 802.11ac(HT80) Antenna A+B

## PSD 802.11ac(HT40) Channel 42



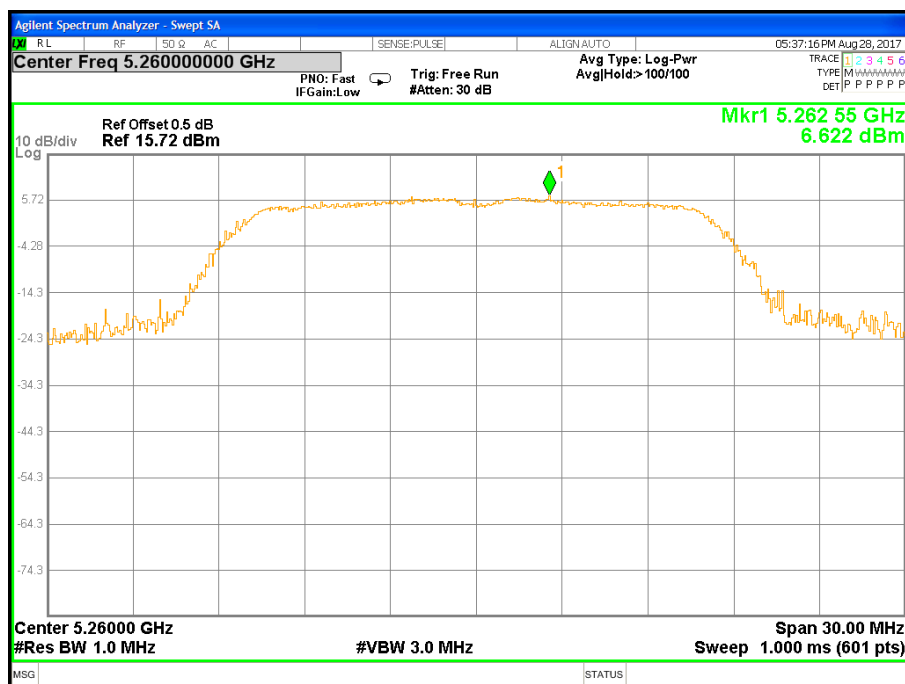
**Band II (5.25-5.35GHz)**

<b>5250-5350MHz</b>					
Frequency	Power Density A(dBm)	Power Density B(dBm)	Power Density Total(dBm)	Limit	Result
802.11a					
5260	6.622	6.294	--	11	PASS
5300	6.779	6.471	--	11	PASS
5320	7.069	6.793	--	11	PASS
802.11n20					
5260	6.004	5.773	8.969	11	PASS
5300	6.683	6.413	9.560	11	PASS
5320	6.137	5.862	9.034	11	PASS
802.11n40					
5270	3.318	3.069	6.206	11	PASS
5310	3.839	3.542	6.703	11	PASS
802.11ac20					
5260	5.974	5.603	8.803	11	PASS
5300	6.267	5.981	9.137	11	PASS
5320	6.242	5.977	9.122	11	PASS
802.11ac40					
5270	2.732	2.570	5.662	11	PASS
5310	3.413	3.097	6.268	11	PASS
802.11ac80					
5290	1.060	0.885	3.984	11	PASS

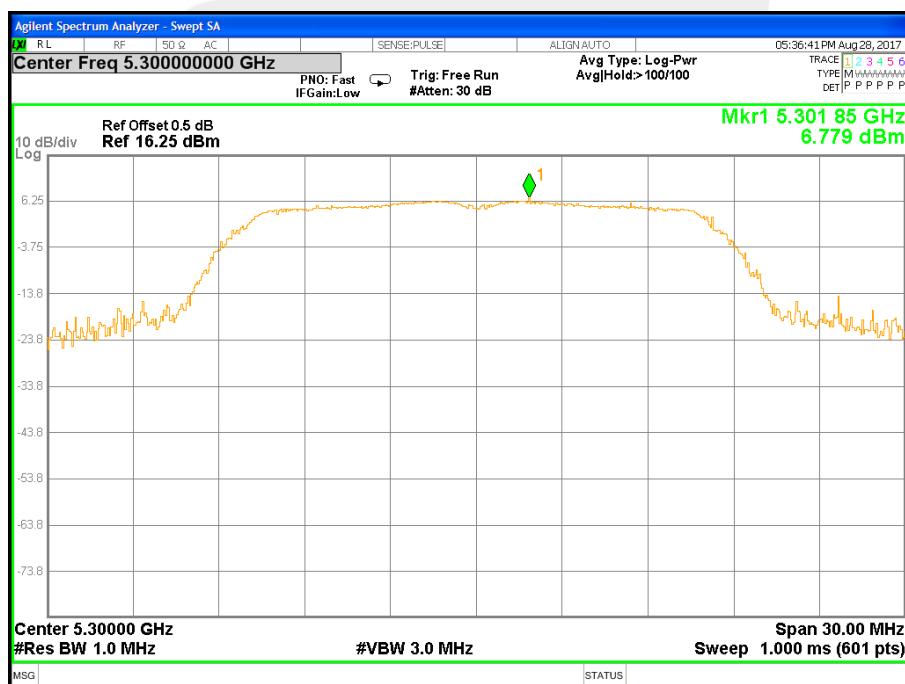


## Band II (5.25-5.35GHz) 802.11a Antenna A

## PSD 802.11a Channel 52

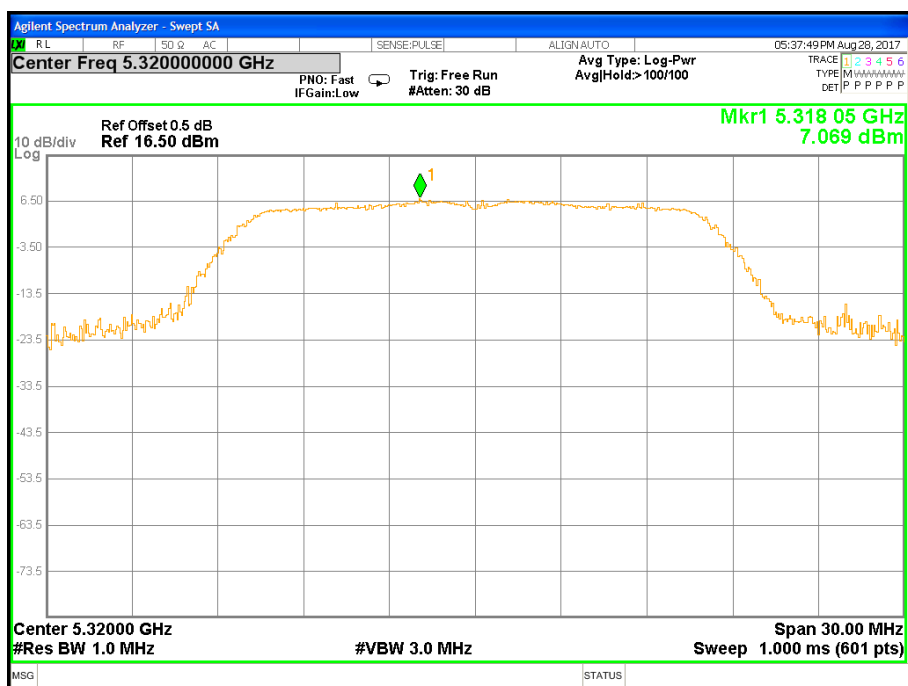


## PSD 802.11a Channel 60



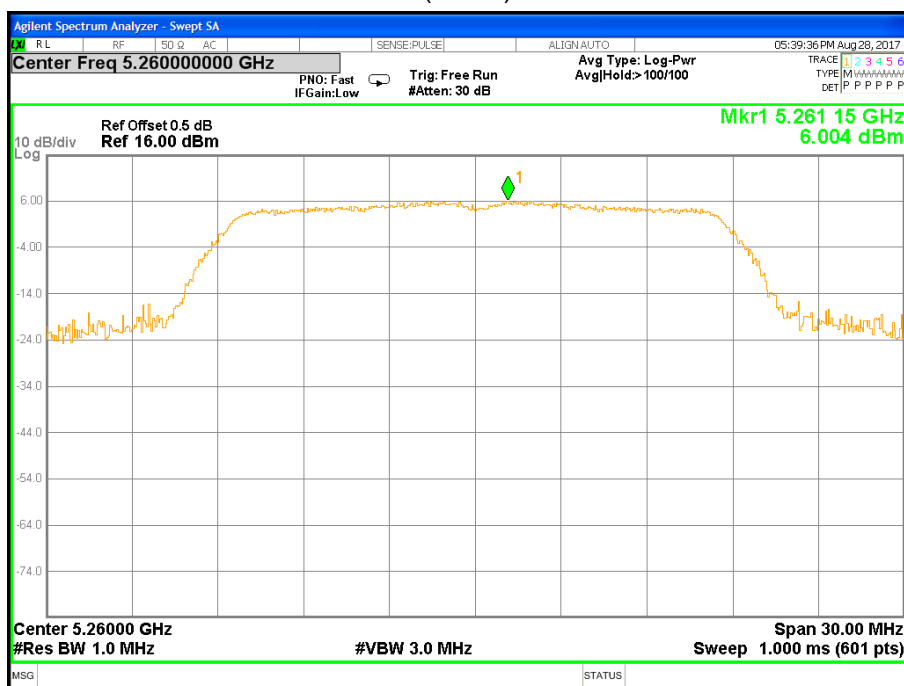


## PSD 802.11a Channel 64

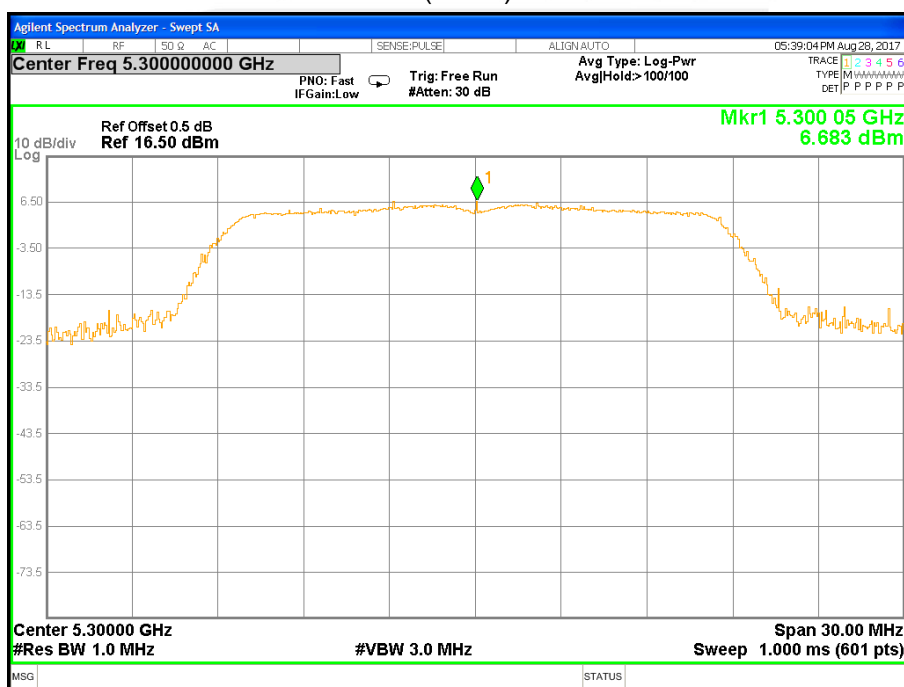


# Band II (5.25-5.35GHz) 802.11n(HT20) Antenna A+B

## PSD 802.11n(HT20) Channel 52

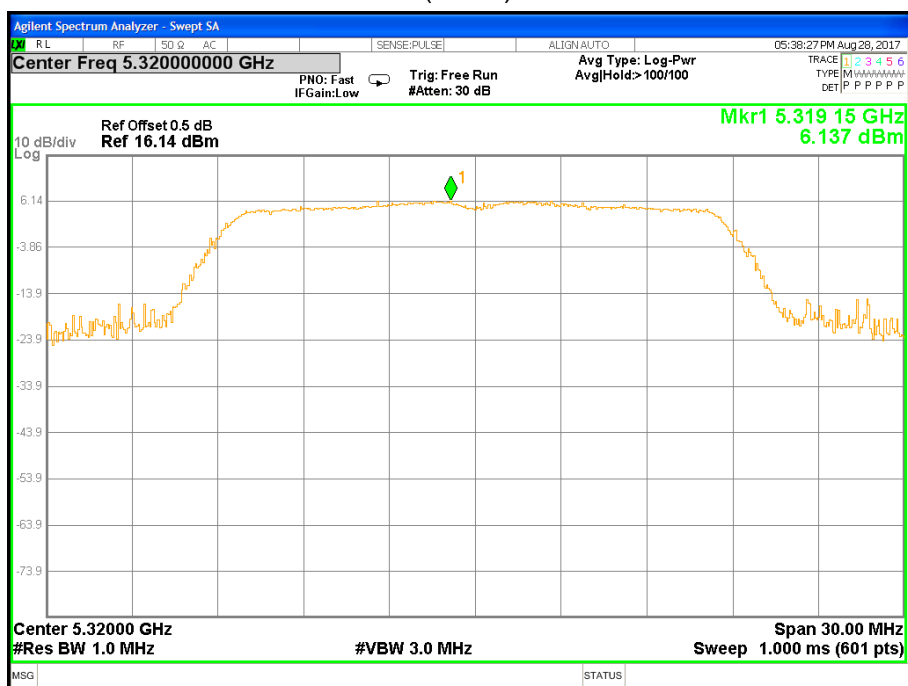


## PSD 802.11n(HT20) Channel 60





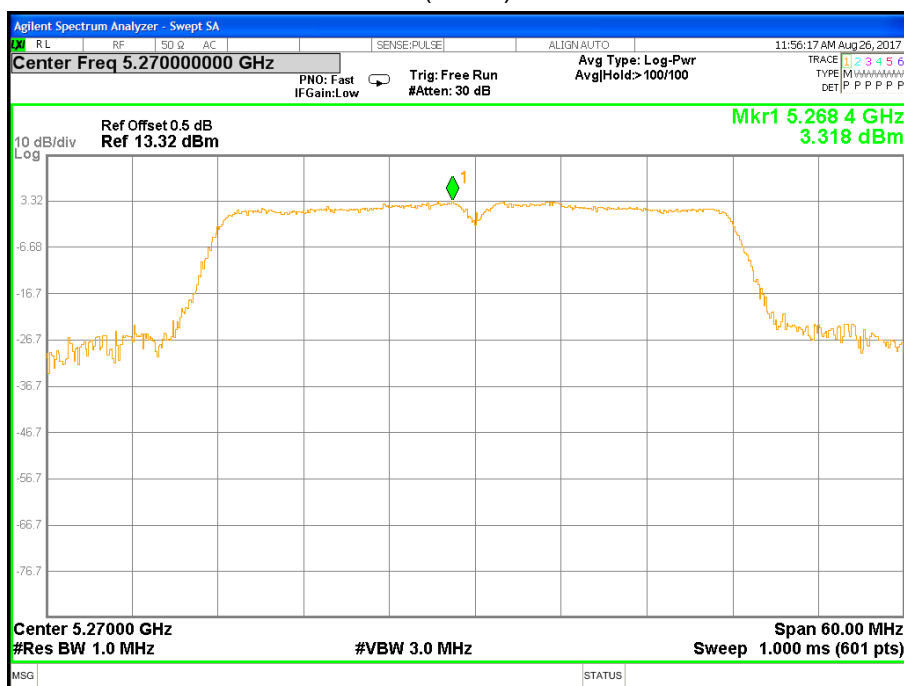
## PSD 802.11n(HT20) Channel 64



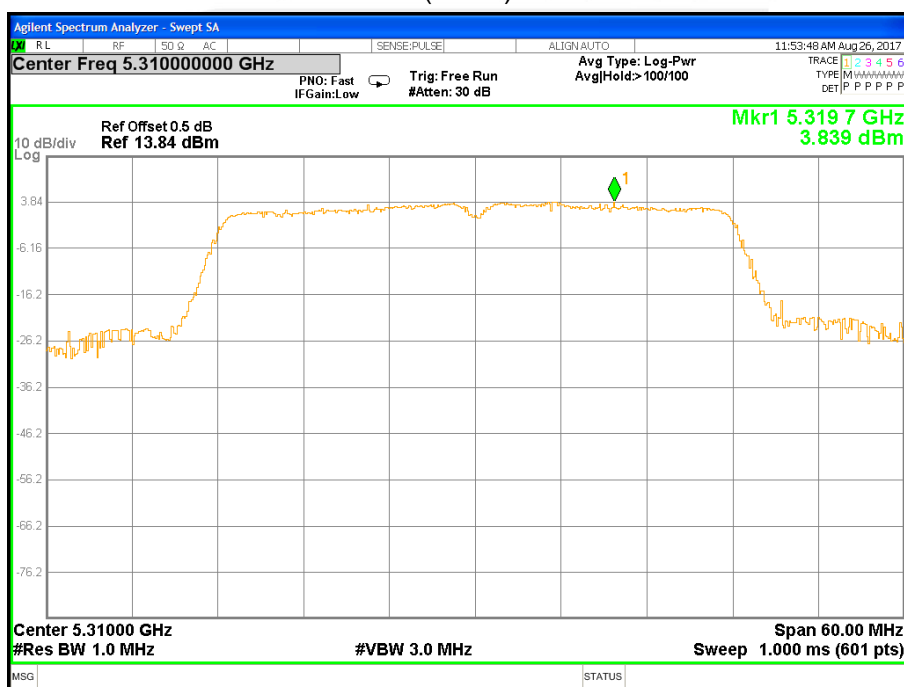


## Band II (5.25-5.35GHz) 802.11n(HT40) Antenna A+B

## PSD 802.11n(HT40) Channel 54



## PSD 802.11n(HT40) Channel 62

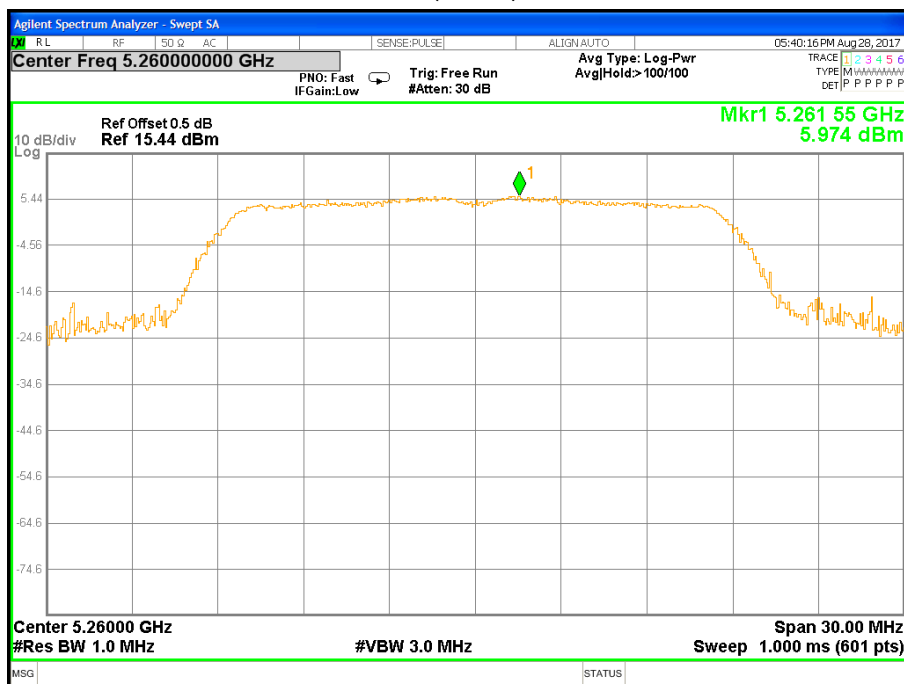




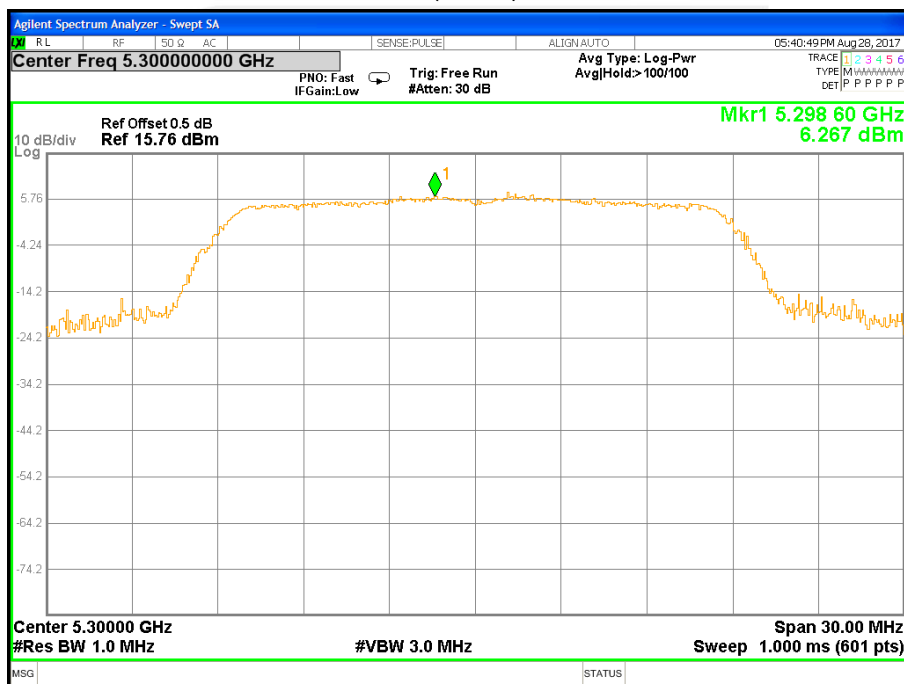


## Band II (5.25-5.35GHz) 802.11ac(HT20) Antenna A+B

## PSD 802.11ac(HT20) Channel 52

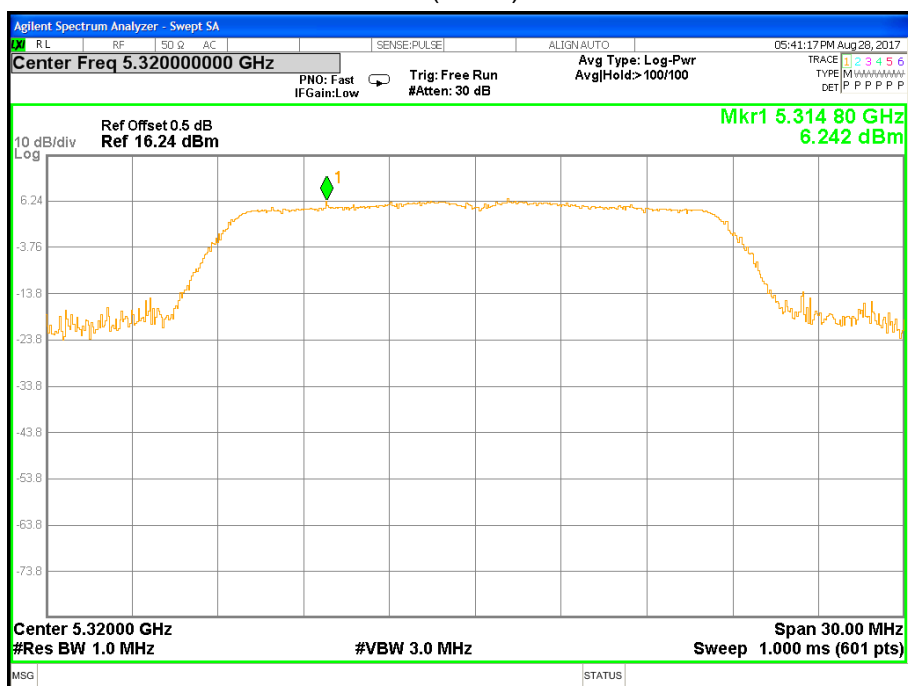


## PSD 802.11ac(HT20) Channel 60





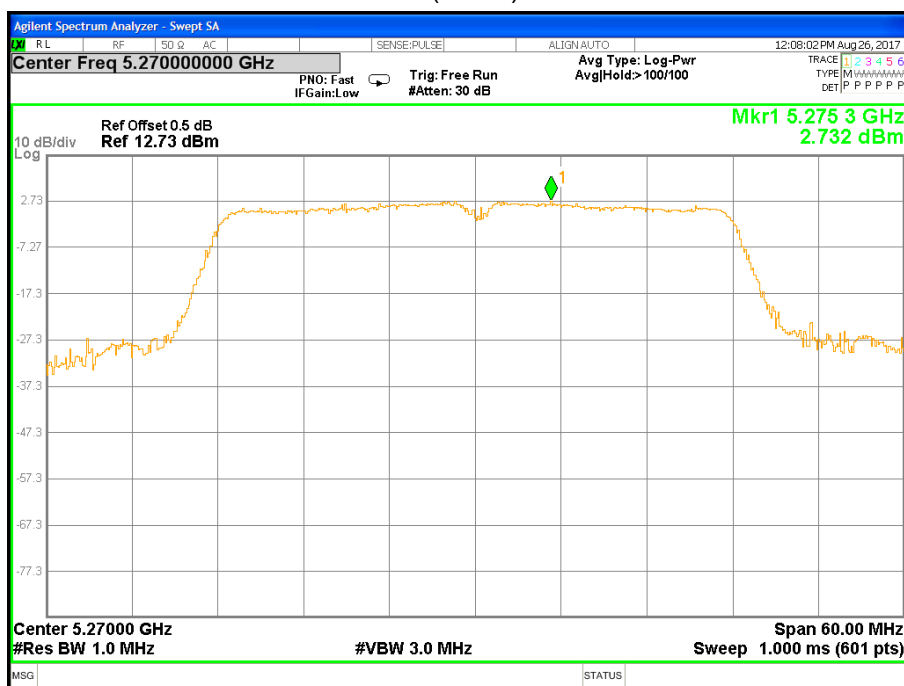
## PSD 802.11ac(HT20) Channel 64



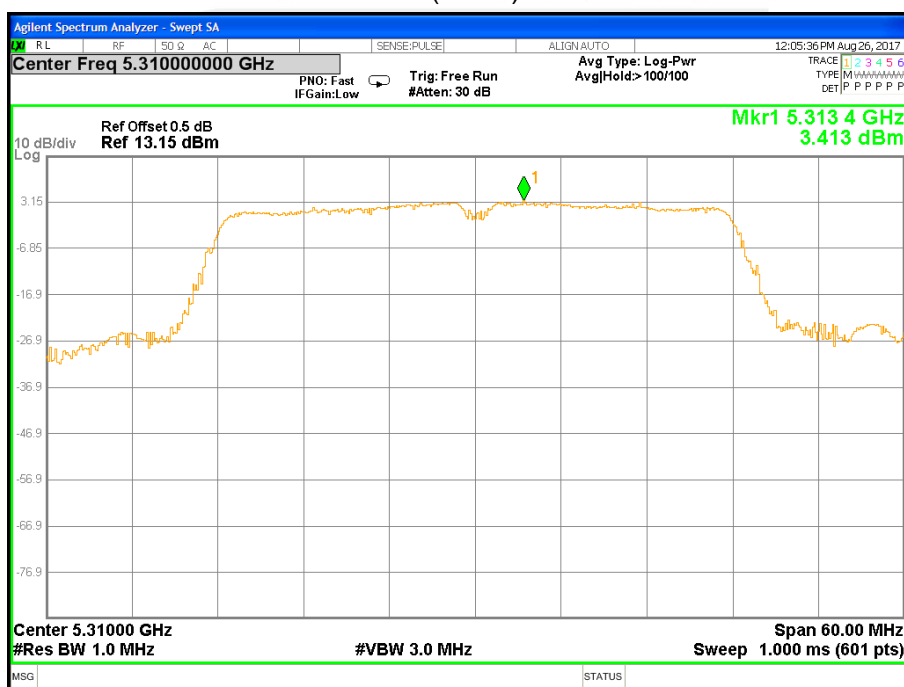


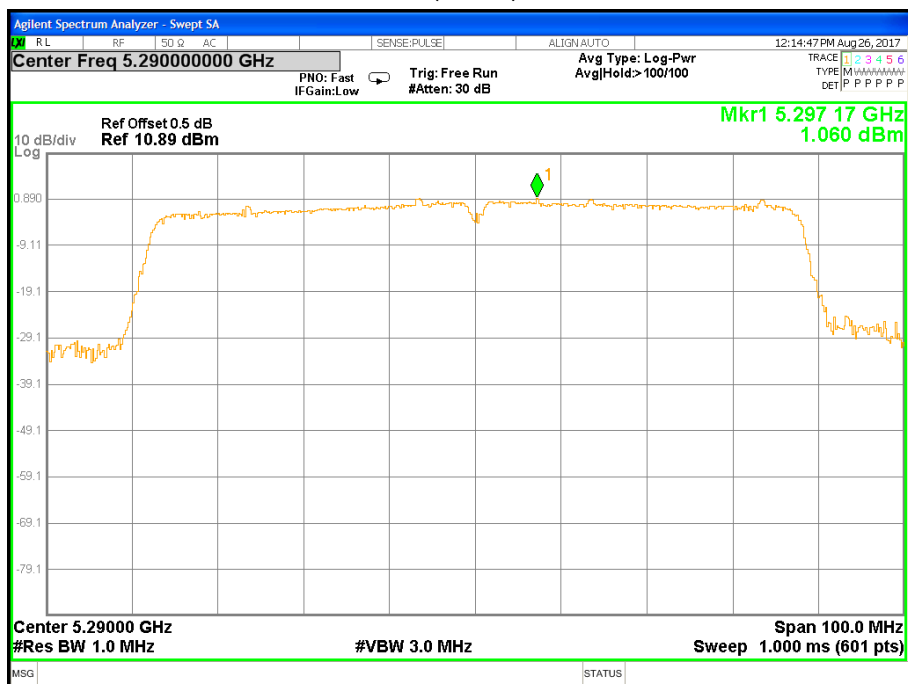
## Band II (5.25-5.35GHz) 802.11ac(HT40) Antenna A+B

## PSD 802.11ac(HT40) Channel 54



## PSD 802.11ac(HT40) Channel 62



**Band II (5.25-5.35GHz) 802.11ac(HT80) Antenna A+B****PSD 802.11ac(HT80) Channel 58**

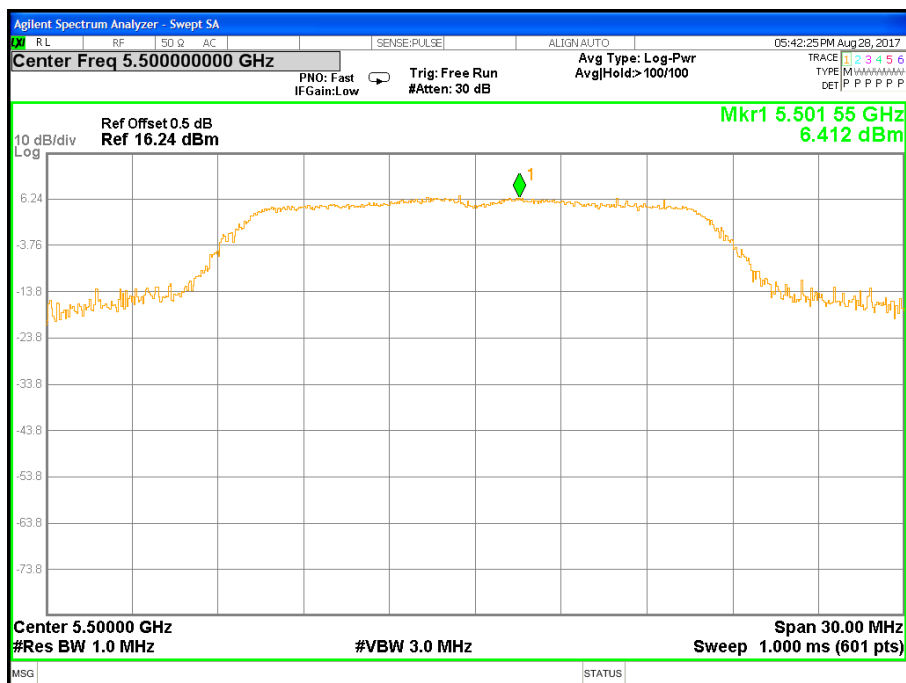
**Band III (5.47-5.725GHz)**

<b>5470-5725MHz</b>					
Frequency	Power Density A(dBm)	Power Density B(dBm)	Power Density Total(dBm)	Limit	Result
802.11a					
5500	6.412	6.119	--	11	PASS
5580	4.961	4.637	--	11	PASS
5700	5.109	4.997	--	11	PASS
802.11n20					
5500	5.605	5.468	8.547	11	PASS
5580	4.412	4.174	7.305	11	PASS
5700	4.837	4.621	7.741	11	PASS
802.11n40					
5510	3.007	2.775	5.903	11	PASS
5550	3.394	3.086	6.253	11	PASS
5670	3.761	3.409	6.599	11	PASS
802.11ac20					
5500	6.743	6.473	9.620	11	PASS
5580	4.311	4.009	7.173	11	PASS
5700	5.240	5.010	8.137	11	PASS
802.11ac40					
5510	2.614	2.297	5.469	11	PASS
5550	2.604	2.359	5.494	11	PASS
5670	2.482	2.107	5.309	11	PASS
802.11ac80					
5530	-0.219	-0.495	2.655	11	PASS
5610	0.157	-0.204	2.991	11	PASS

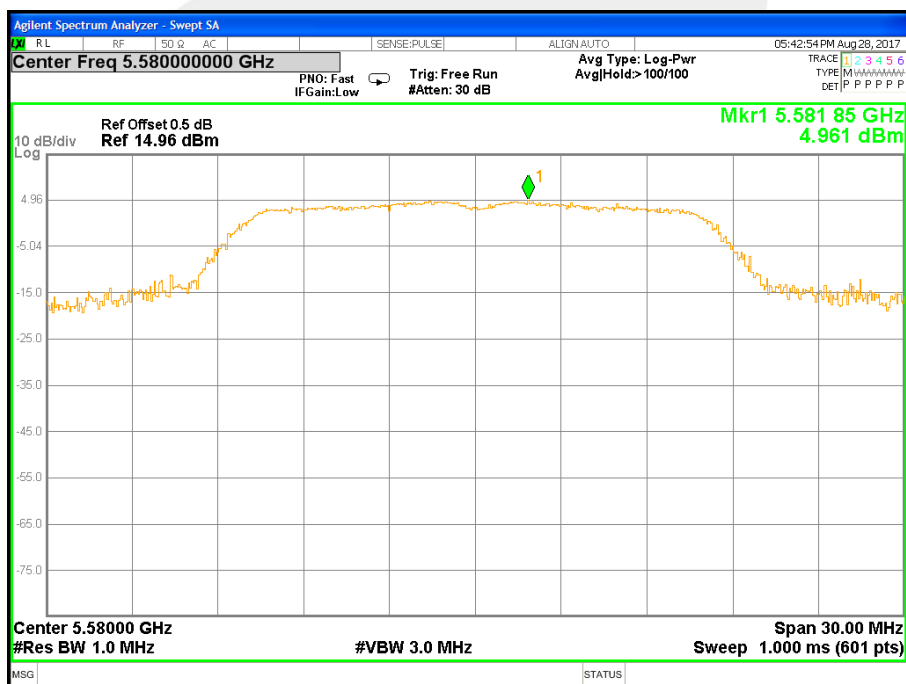


## Band III (5.47-5.725GHz) 802.11a Antenna A

## PSD 802.11a Channel 100

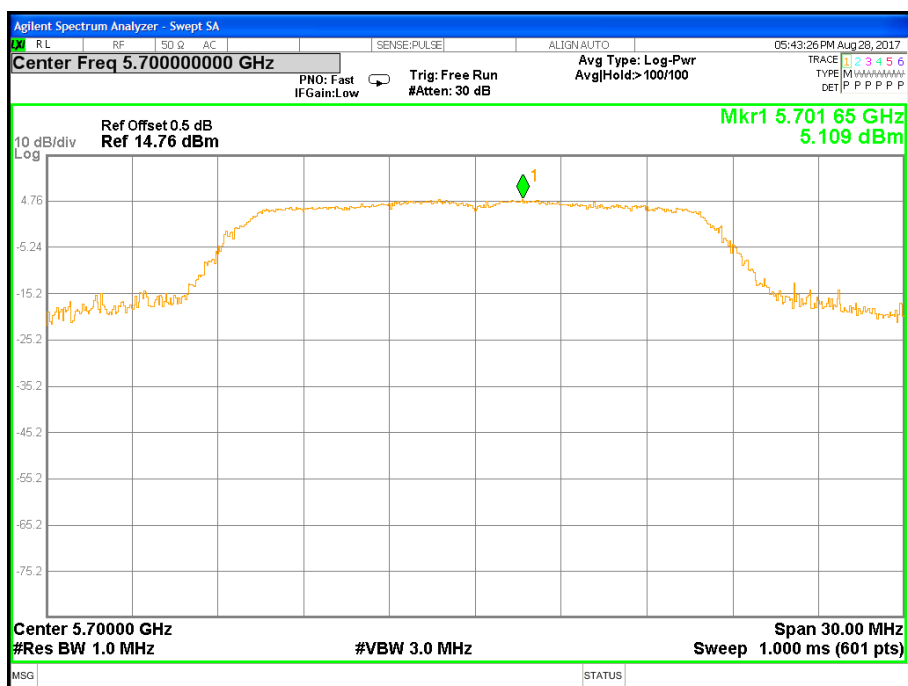


## PSD 802.11a Channel 116





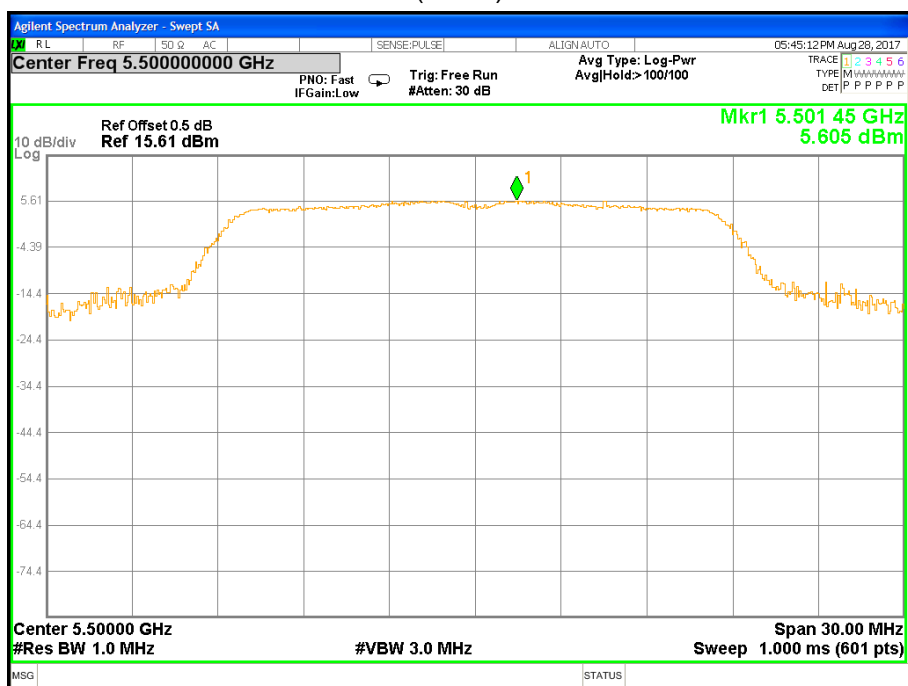
## PSD 802.11a Channel 140



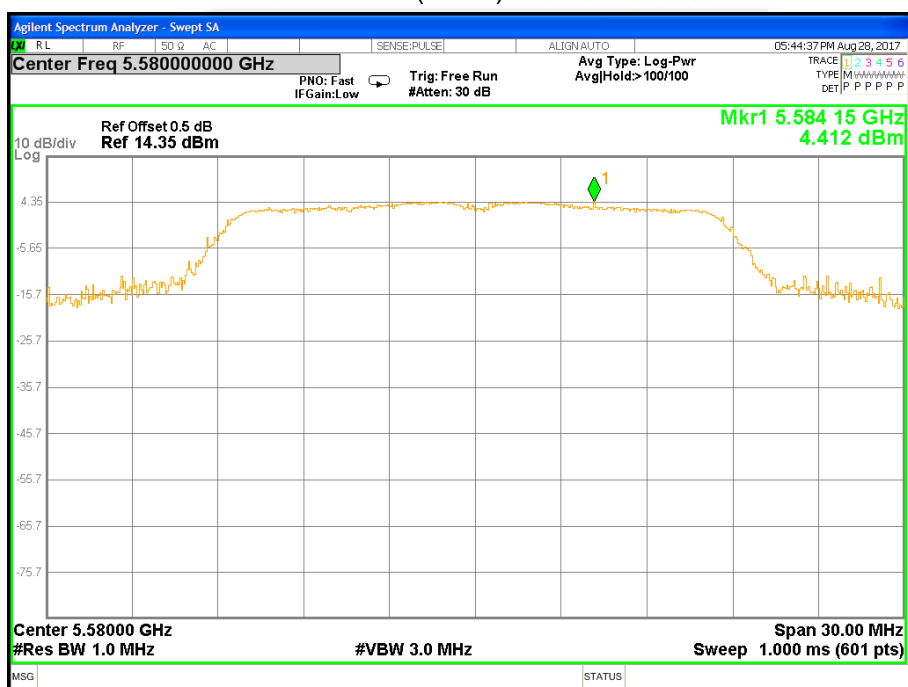


## Band III (5.47-5.725GHz) 802.11n(HT20) Antenna A+B

## PSD 802.11n(HT20) Channel 100



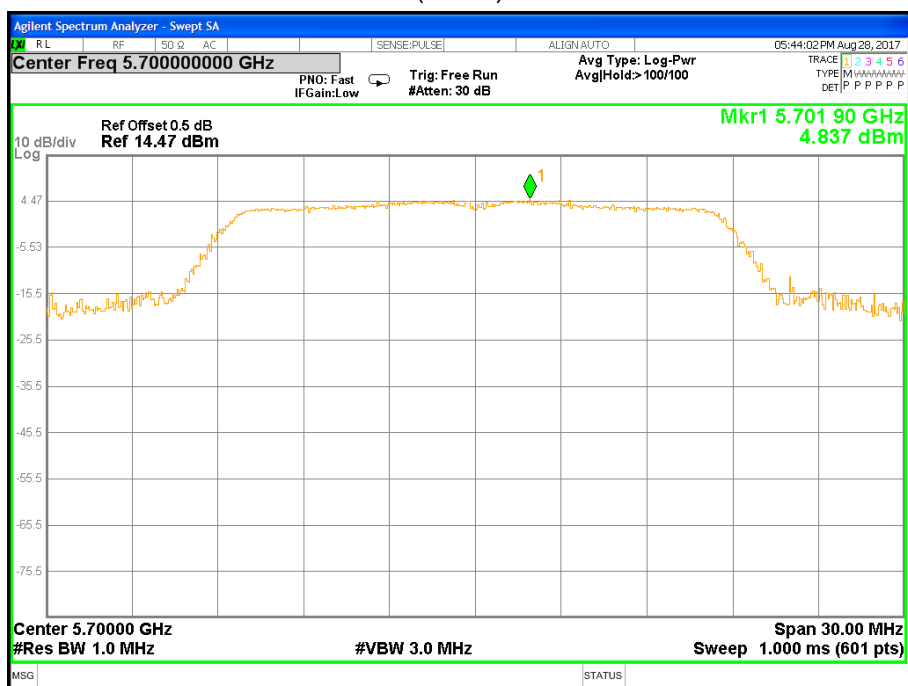
## PSD 802.11n(HT20) Channel 116







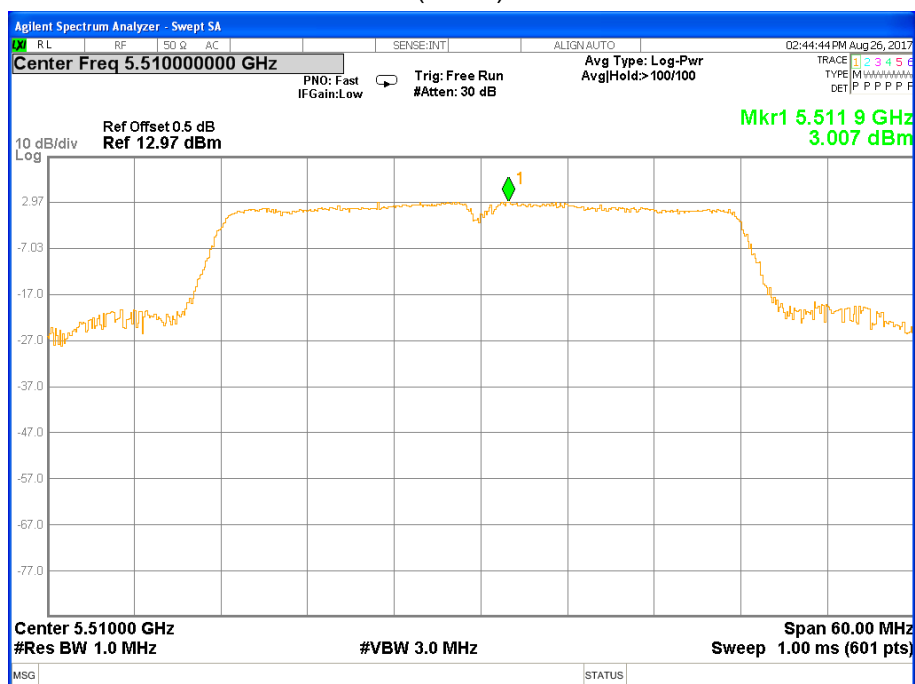
## PSD 802.11n(HT20) Channel 140



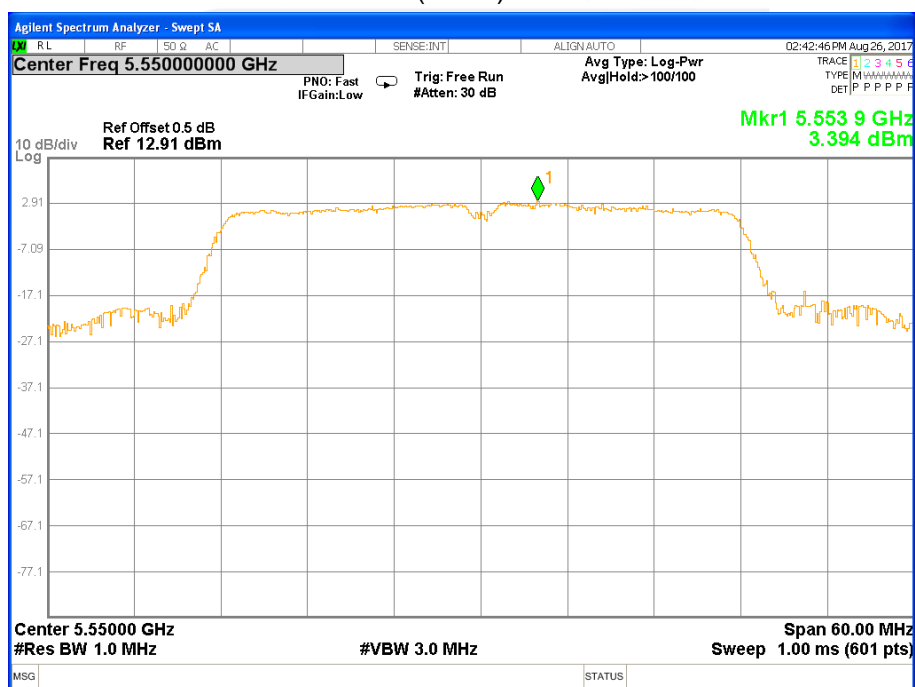


## Band III (5.47-5.725GHz) 802.11n(HT40) Antenna A+B

## PSD 802.11n(HT40) Channel 102

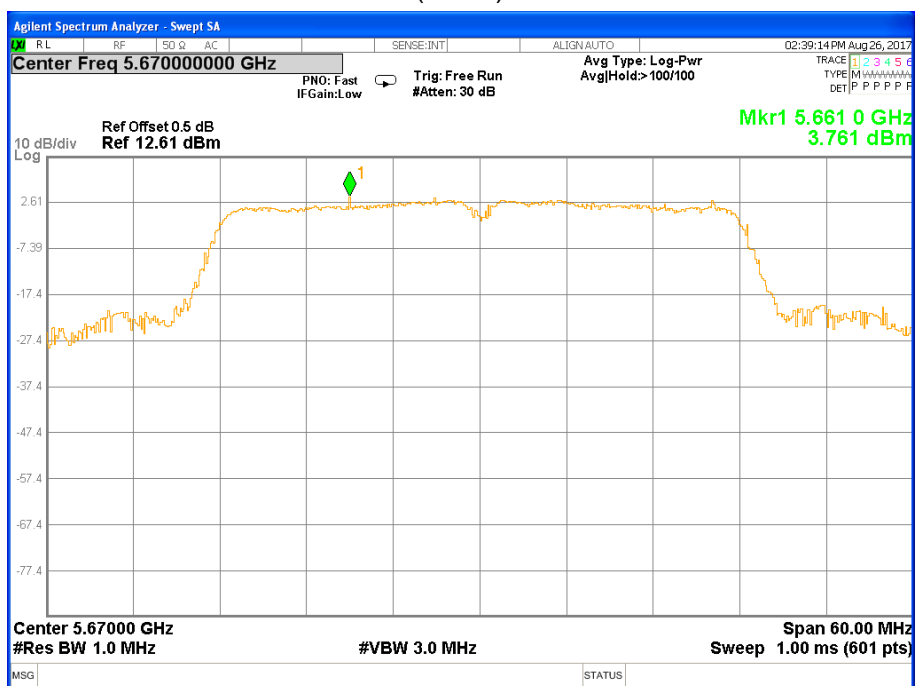


## PSD 802.11n(HT40) Channel 110





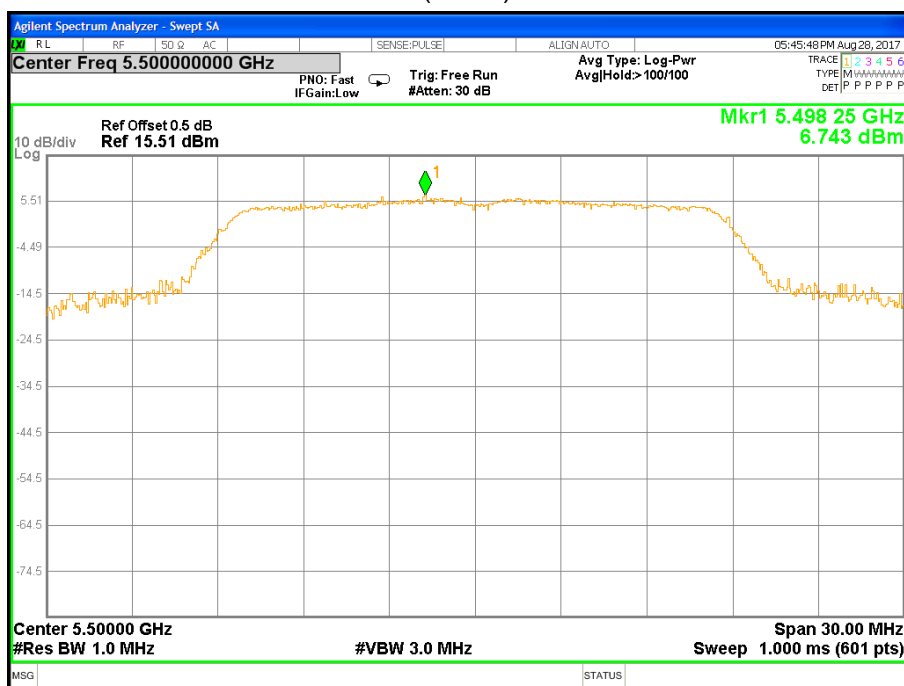
## PSD 802.11n(HT40) Channel 134



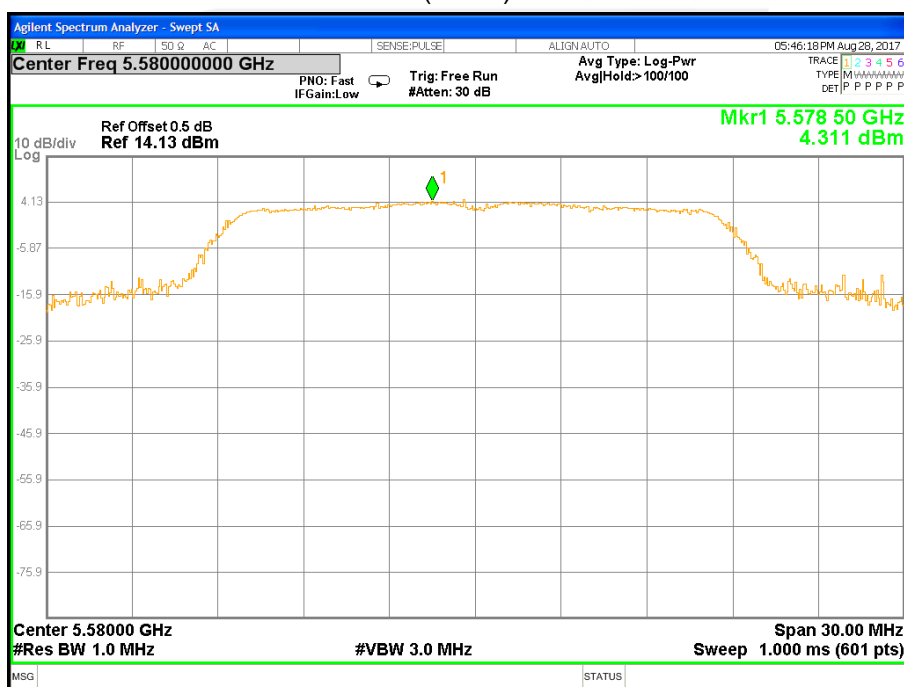


## Band III (5.47-5.725GHz) 802.11ac(HT20) Antenna A+B

## PSD 802.11ac(HT20) Channel 100

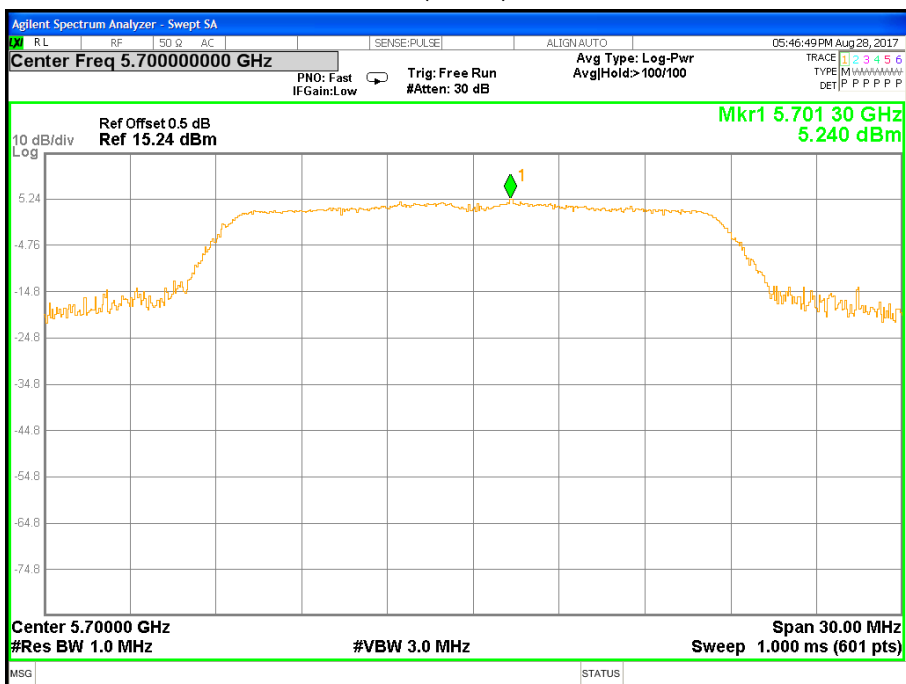


## PSD 802.11ac(HT20) Channel 116





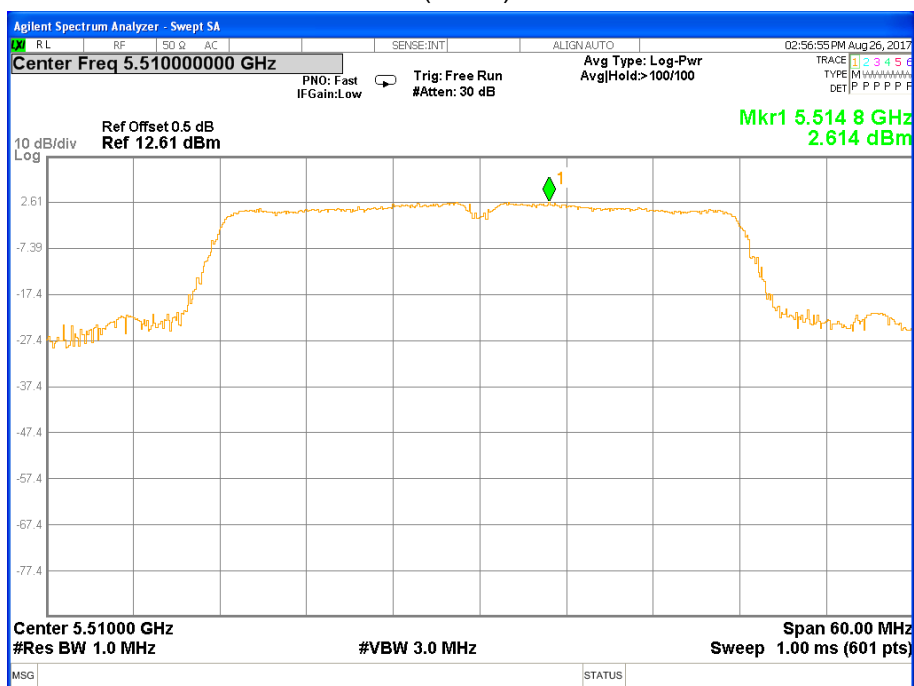
## PSD 802.11ac(HT20) Channel 140



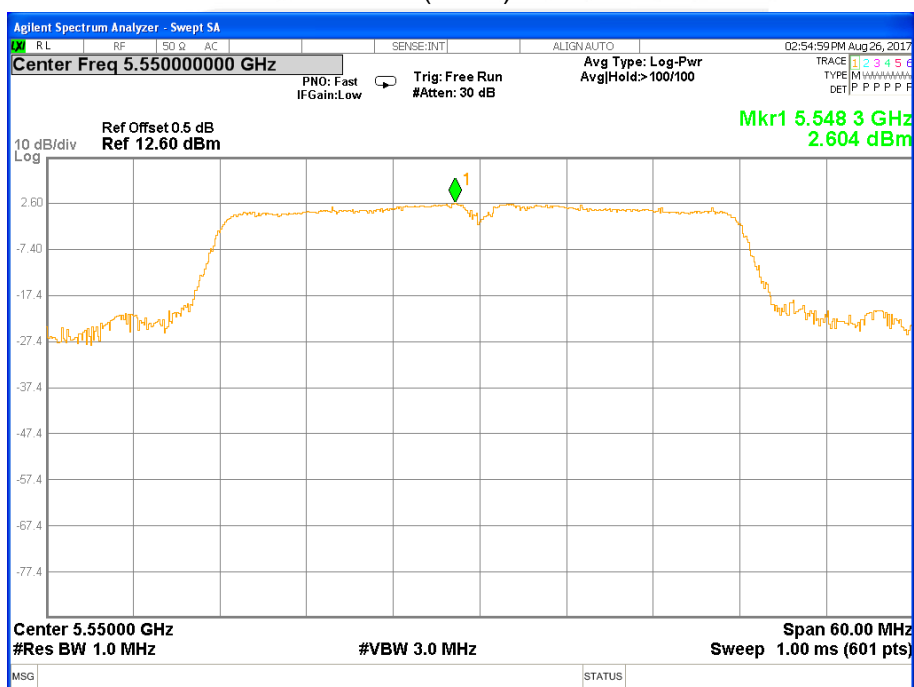


## Band III (5.47-5.725GHz) 802.11ac(HT40) Antenna A+B

## PSD 802.11ac(HT40) Channel 102

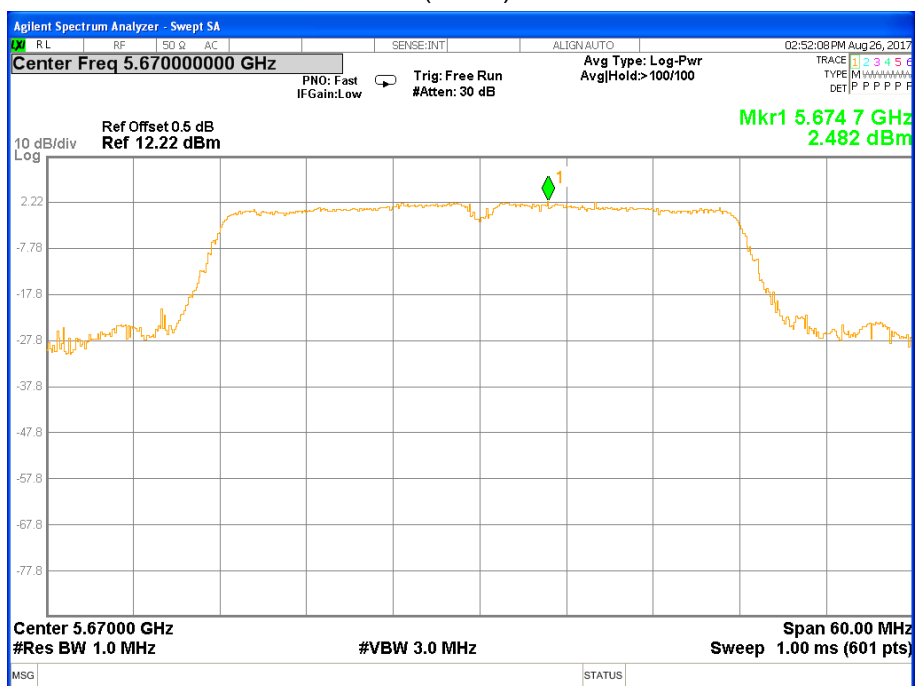


## PSD 802.11ac(HT40) Channel 110





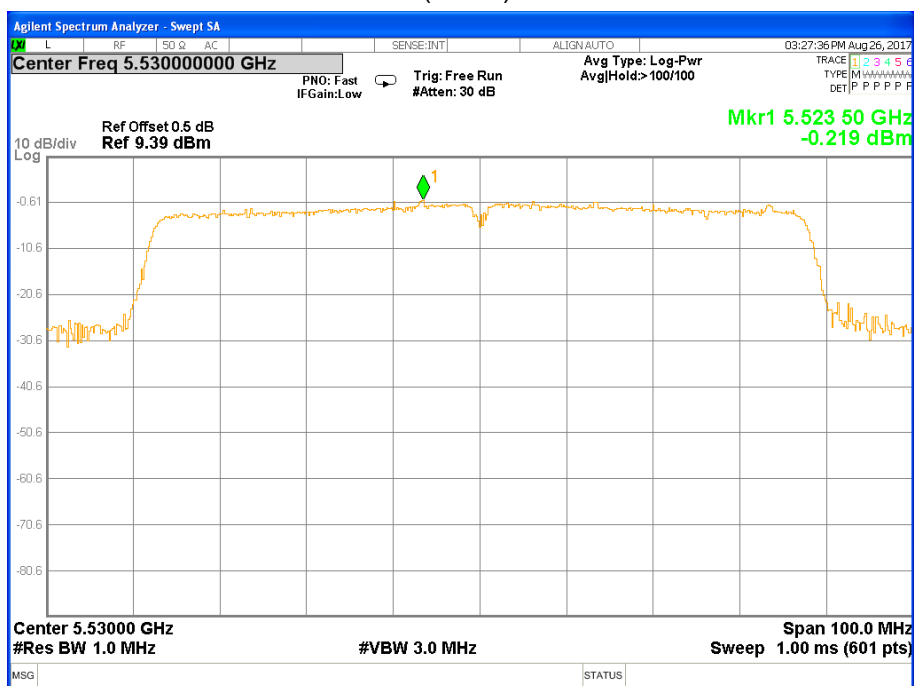
## PSD 802.11ac(HT40) Channel 134



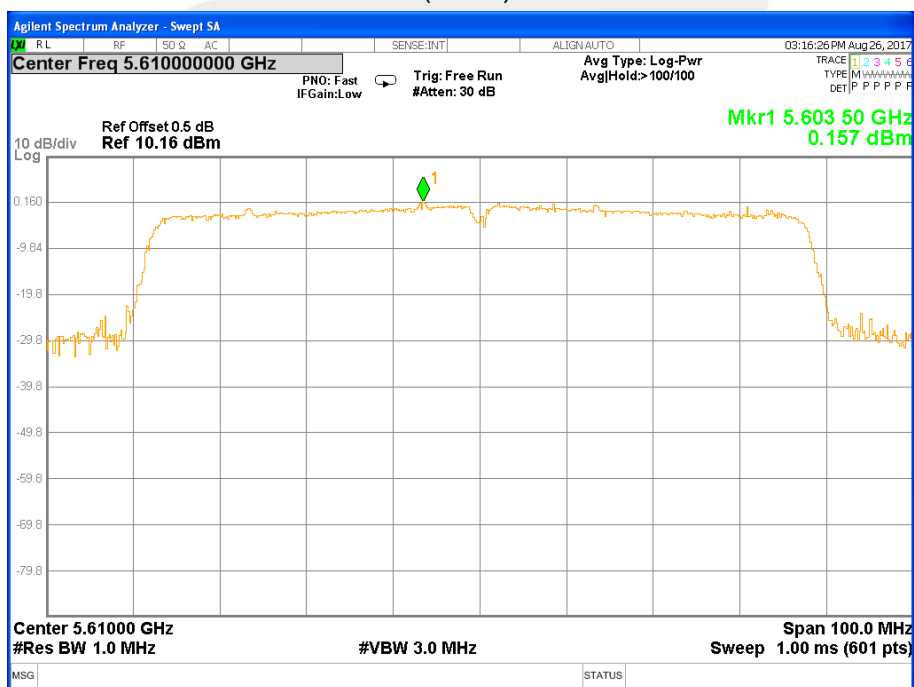


## Band III (5.47-5.725GHz) 802.11ac(HT80) Antenna A+B

## PSD 802.11ac(HT80) Channel 106



## PSD 802.11ac(HT80) Channel 122





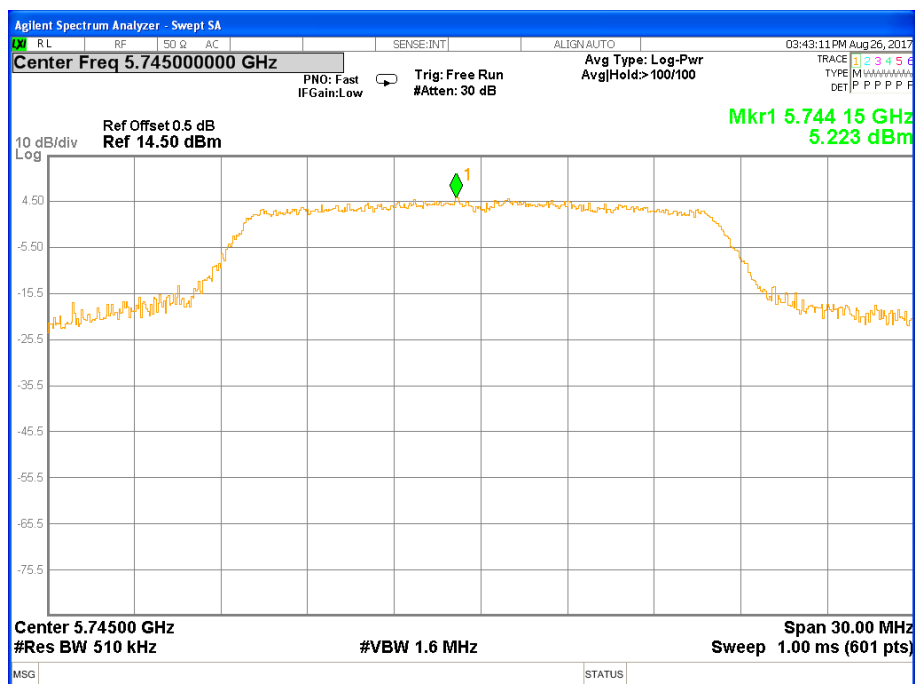
**Band IV (5.725-5.850GHz)**

<b>5725-5850MHz</b>					
Frequency	Power Density A(dBm)	Power Density B(dBm)	Power Density Total(dBm)	Limit	Result
802.11a					
5745	5.223	4.989	--	30	PASS
5785	4.703	4.460	--	30	PASS
5825	4.547	4.301	--	30	PASS
802.11n20					
5745	4.423	4.192	7.406	30	PASS
5785	4.196	3.854	7.039	30	PASS
5825	4.590	4.199	7.427	30	PASS
802.11n40					
5755	2.671	2.402	5.549	30	PASS
5795	2.523	2.227	5.388	30	PASS
802.11ac20					
5745	5.615	5.419	8.528	30	PASS
5785	4.380	4.017	7.213	30	PASS
5825	4.251	3.896	7.087	30	PASS
802.11ac40					
5755	0.387	0.015	3.215	30	PASS
5795	2.184	1.794	5.004	30	PASS
802.11ac80					
5775	-0.581	-0.902	2.272	30	PASS

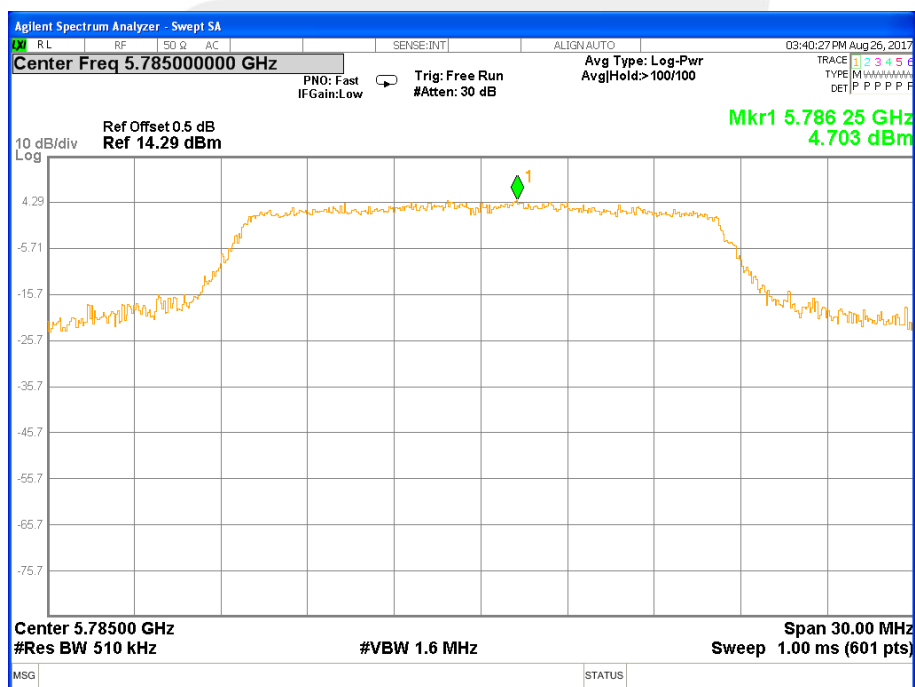


## Band IV (5.725-5.850GHz)802.11a Antenna A

## PSD 802.11a Channel 149

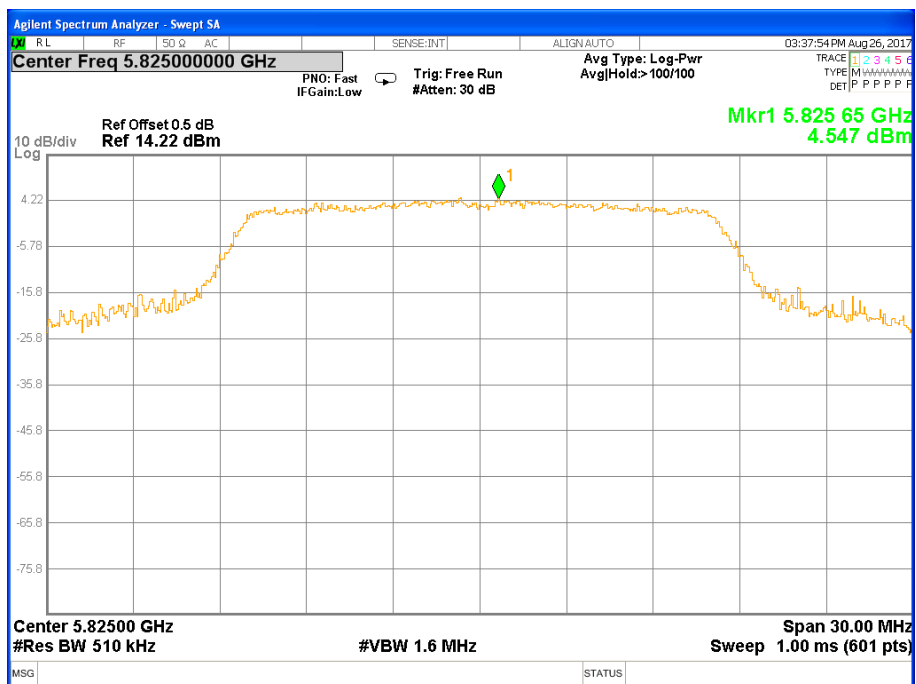


## PSD 802.11a Channel 157





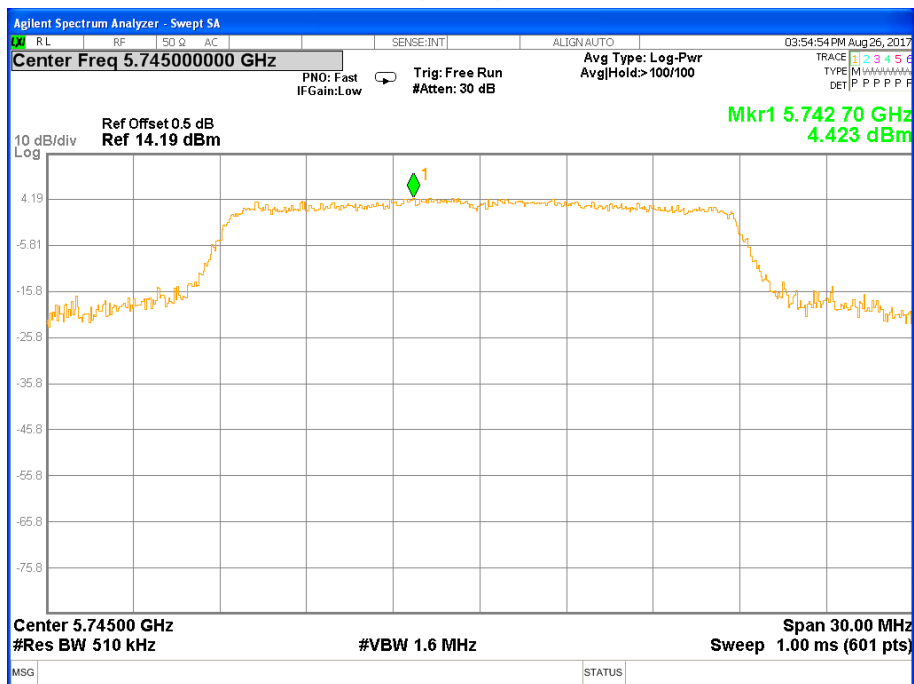
## PSD 802.11a Channel 165



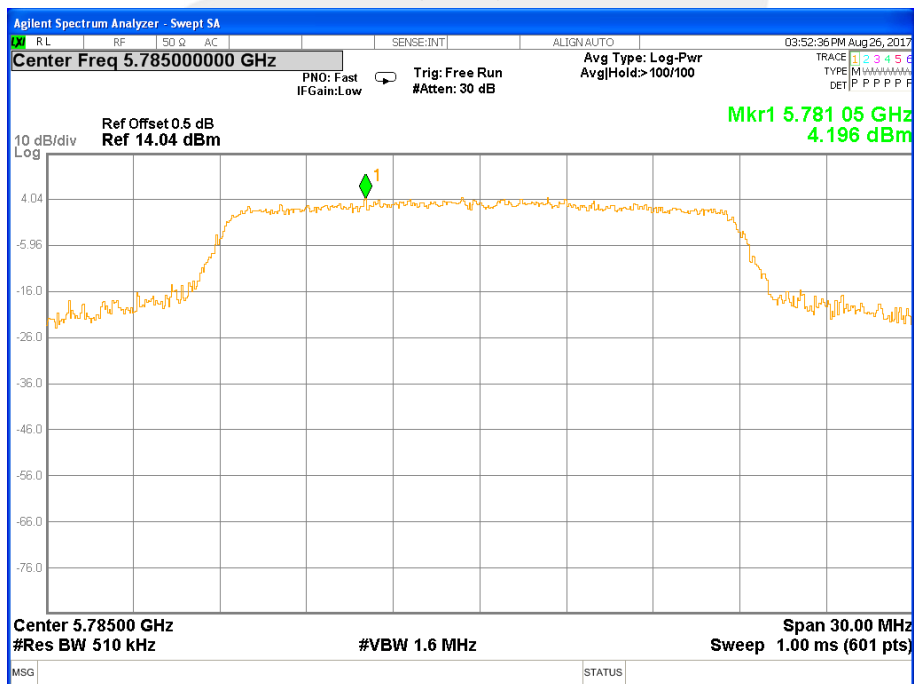


## Band IV (5.725-5.850GHz)802.11n(HT20) Antenna A+B

## PSD 802.11n(HT20) Channel 149

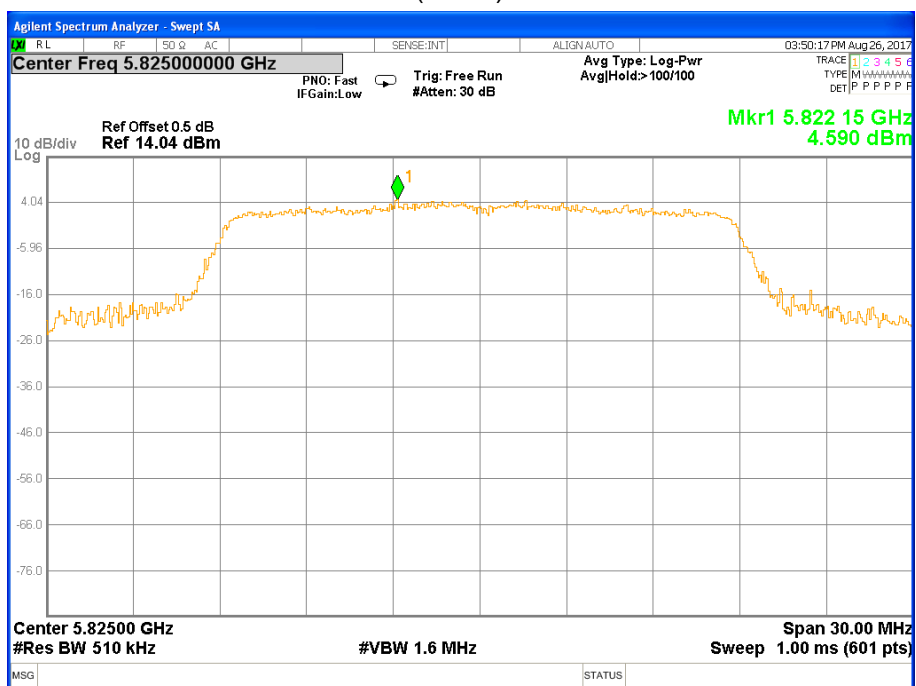


## PSD 802.11n(HT20) Channel 157





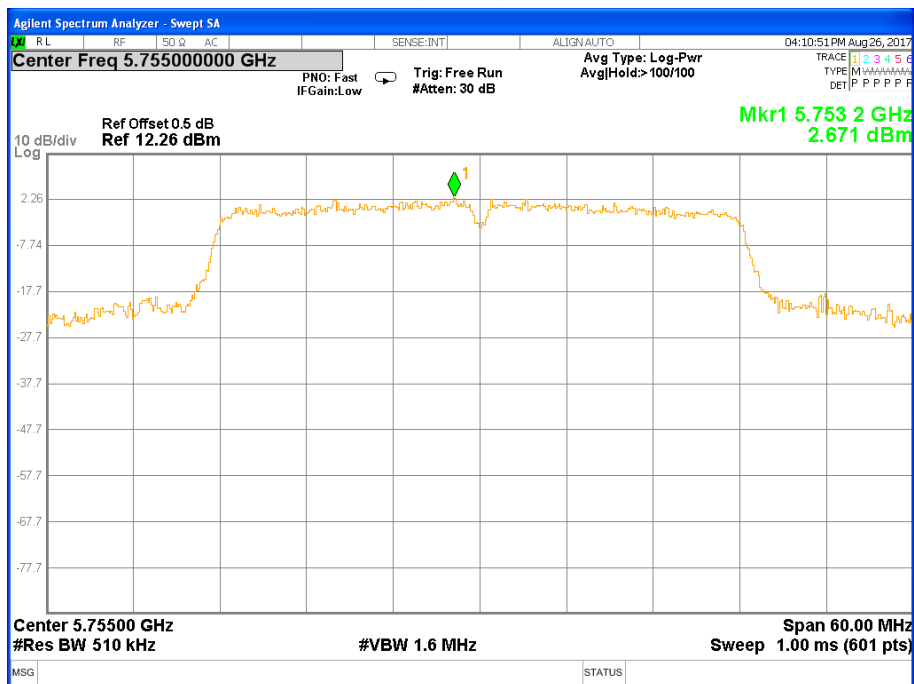
## PSD 802.11n(HT20) Channel 165



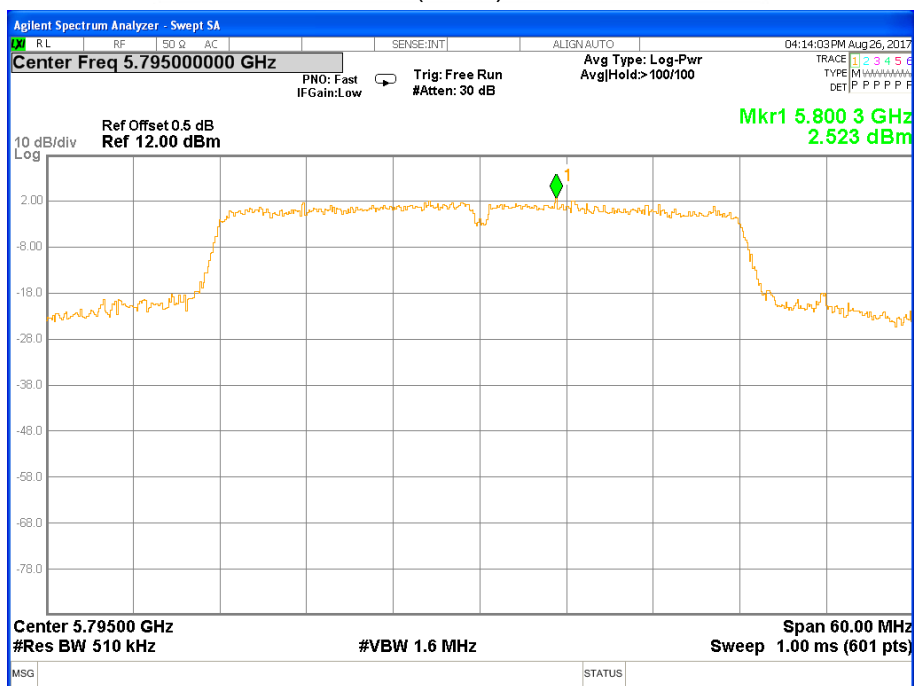


## Band IV (5.725-5.850GHz)802.11n(HT40) Antenna A+B

## PSD 802.11n(HT40) Channel 151



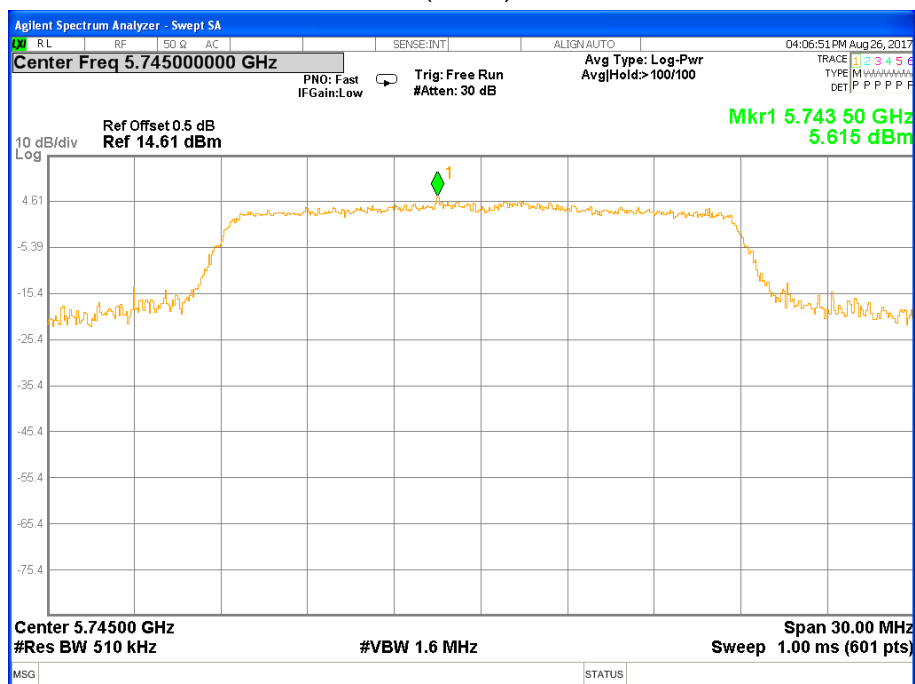
## PSD 802.11n(HT40) Channel 159



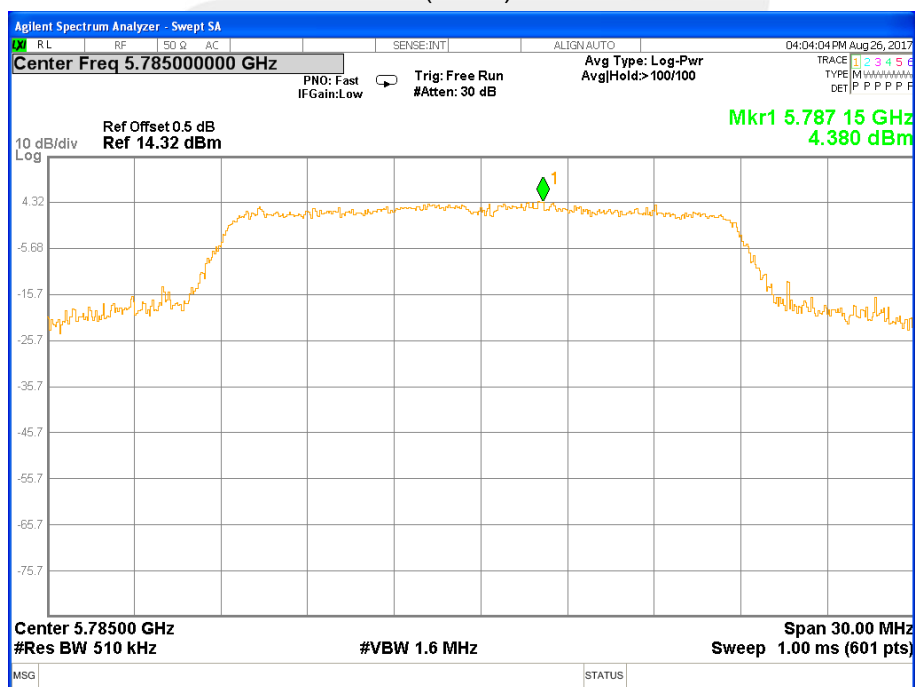


## Band IV (5.725-5.850GHz)802.11ac(HT20) Antenna A+B

## PSD 802.11ac(HT20) Channel 149

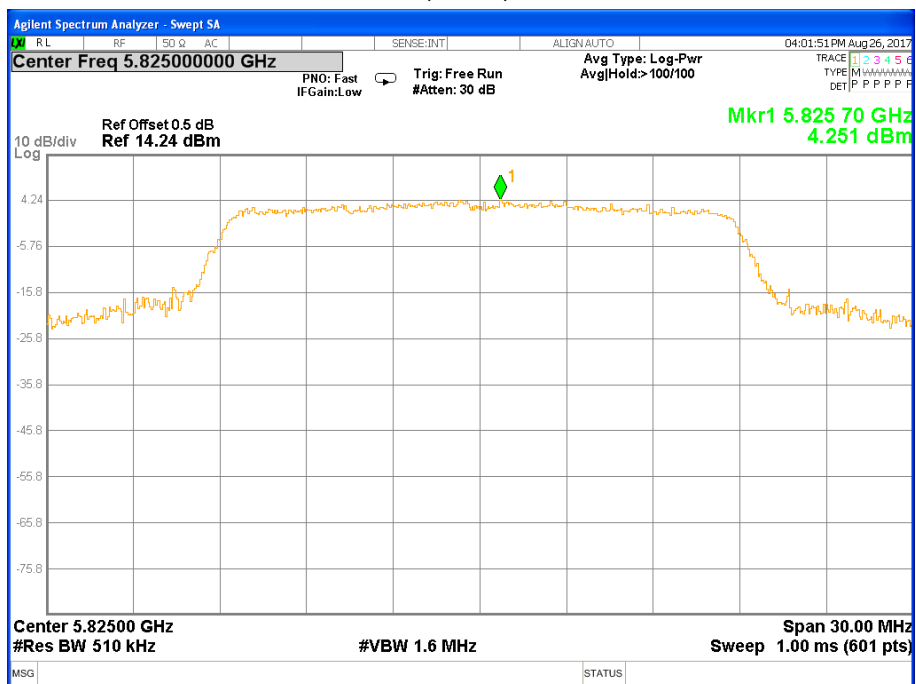


## PSD 802.11ac(HT20) Channel 157





## PSD 802.11ac(HT20) Channel 165

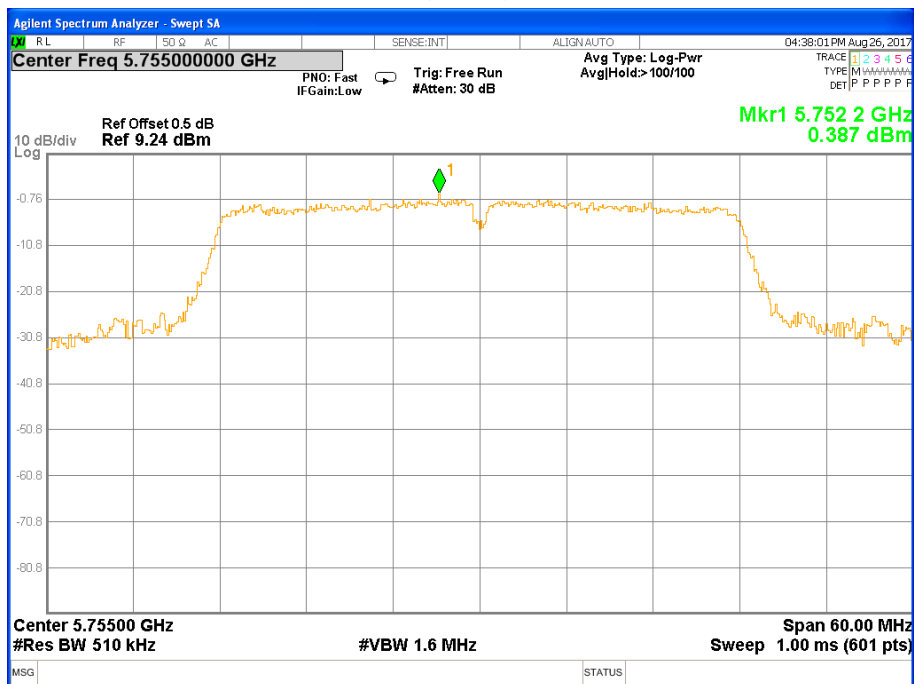




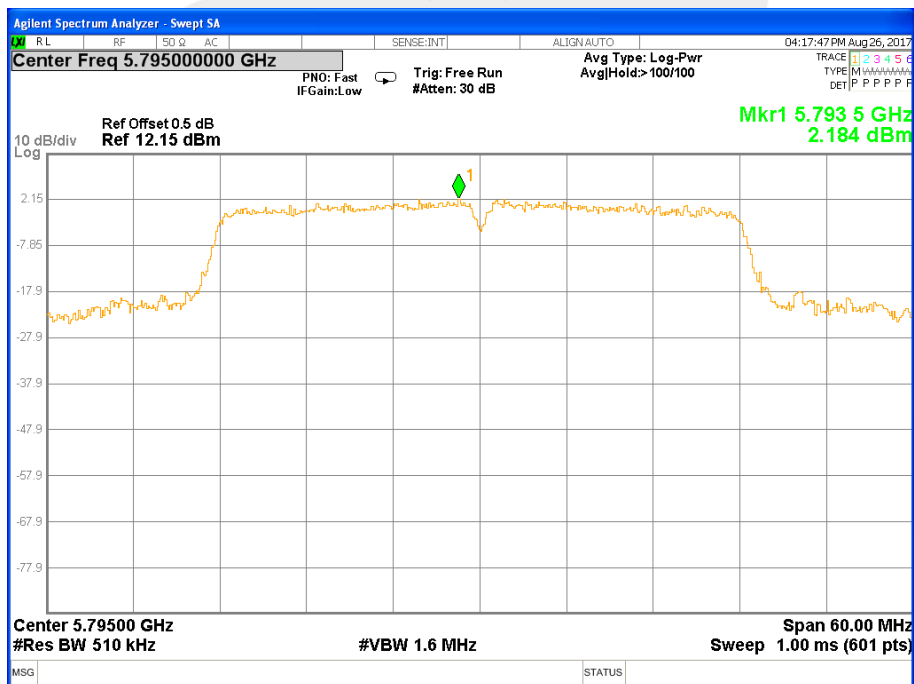


## Band IV (5.725-5.850GHz)802.11ac(HT40) Antenna A+B

## PSD 802.11ac(HT40) Channel 151



## PSD 802.11ac(HT40) Channel 159





## Band IV (5.725-5.850GHz)802.11ac(HT80) Antenna A+B

## PSD 802.11ac(HT80) Channel 155

