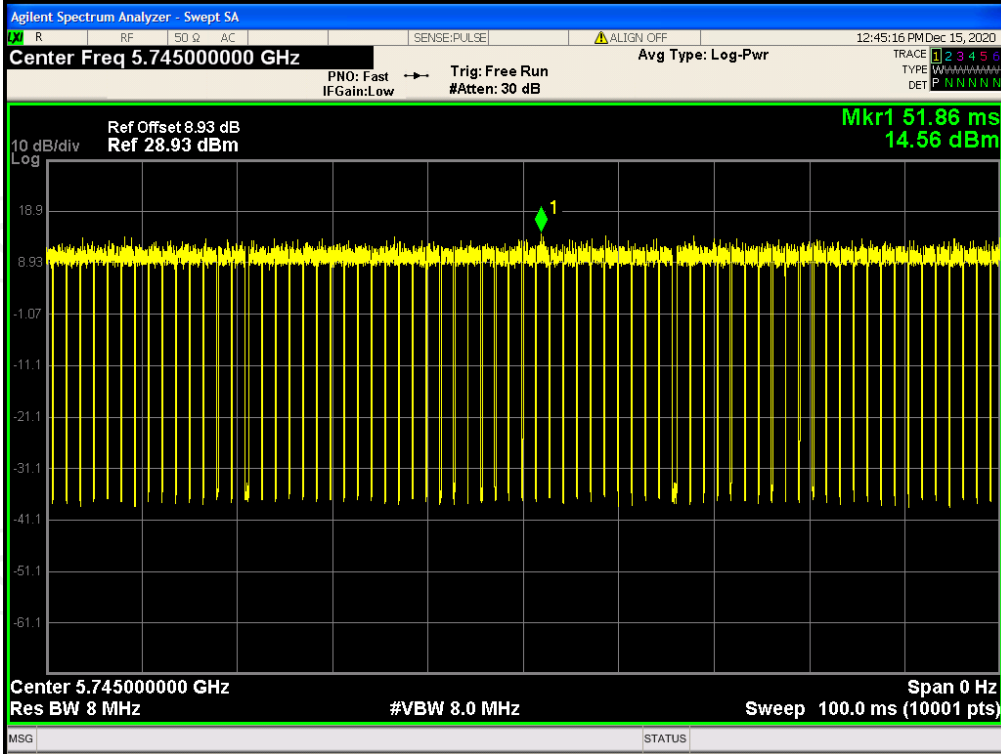
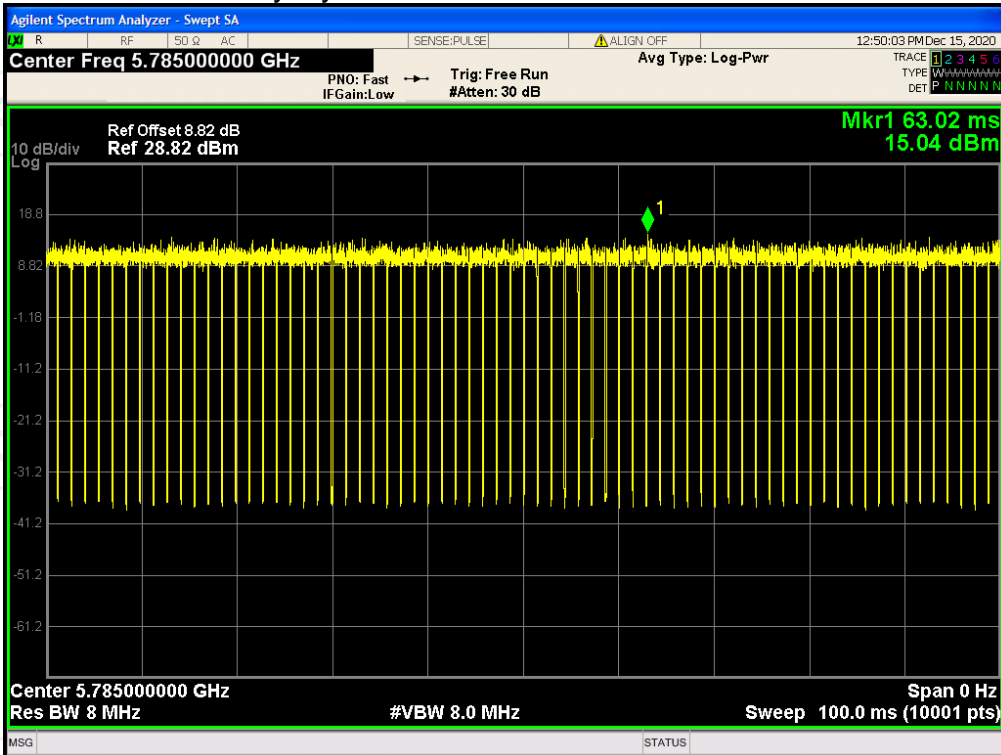


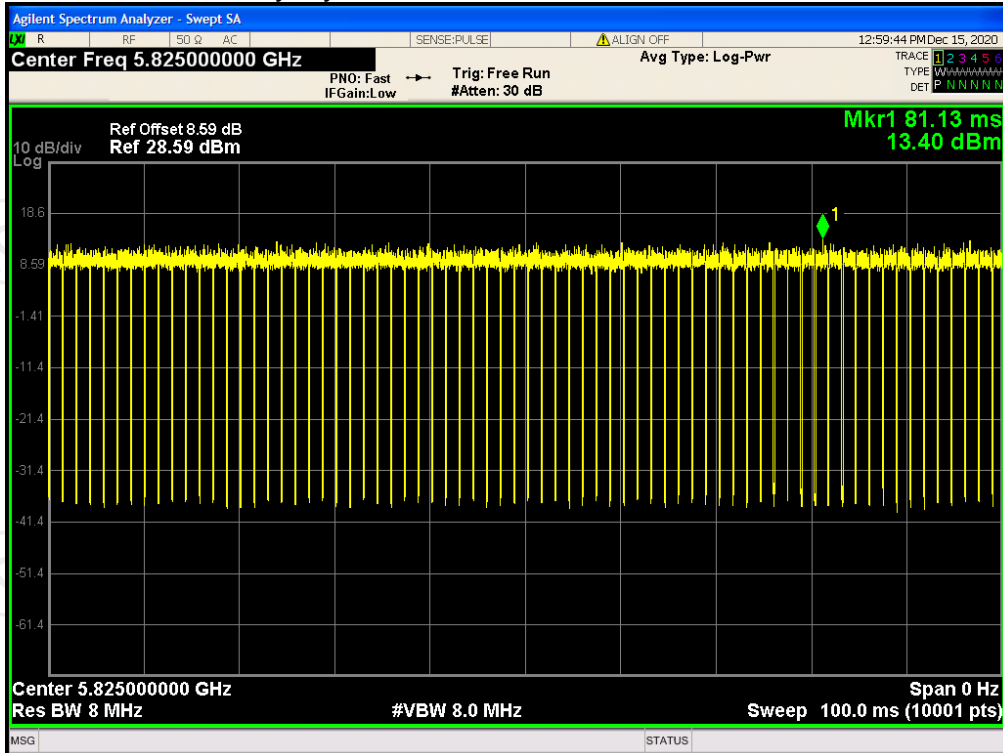
Duty Cycle NVNT 802.11ac20 5745MHz



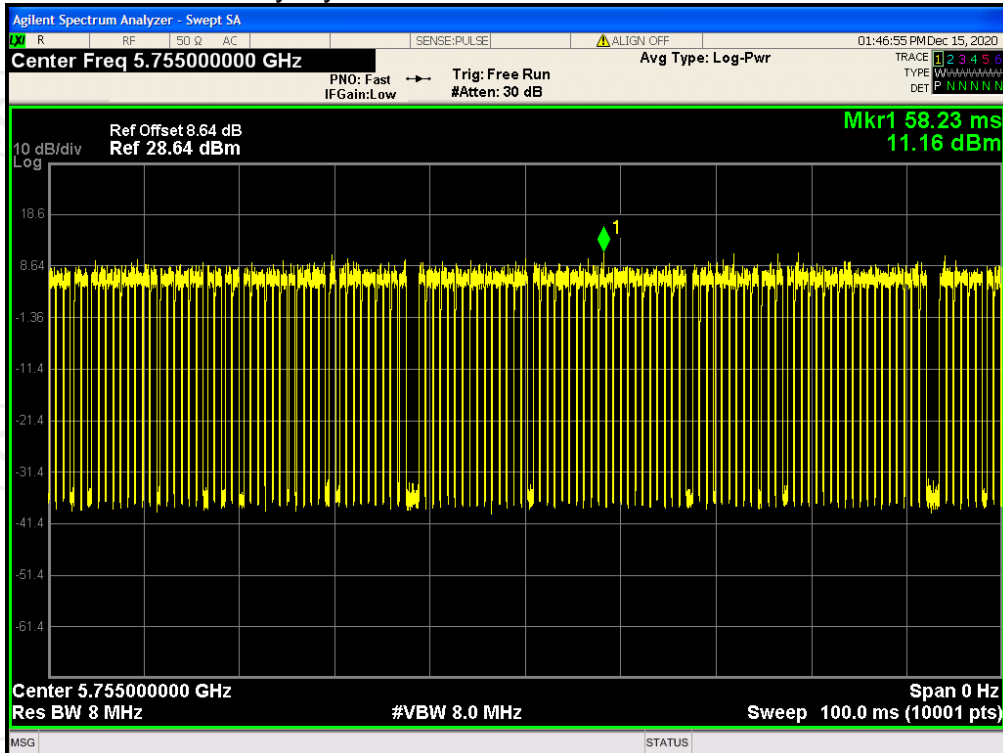
Duty Cycle NVNT 802.11ac20 5785MHz



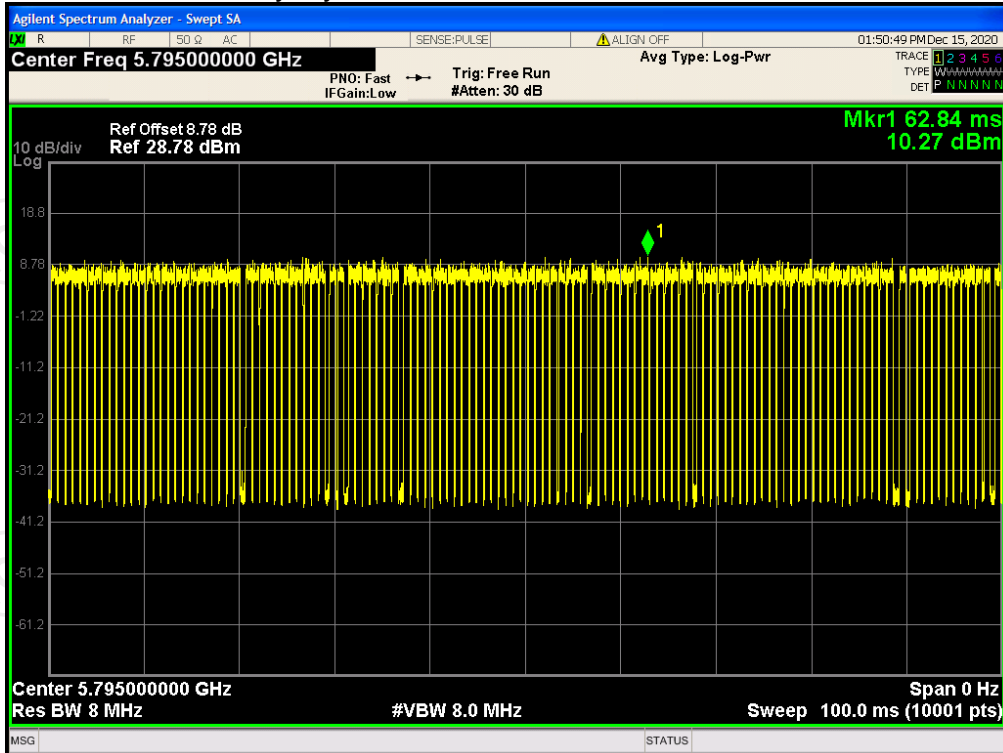
## Duty Cycle NVNT 802.11ac20 5825MHz



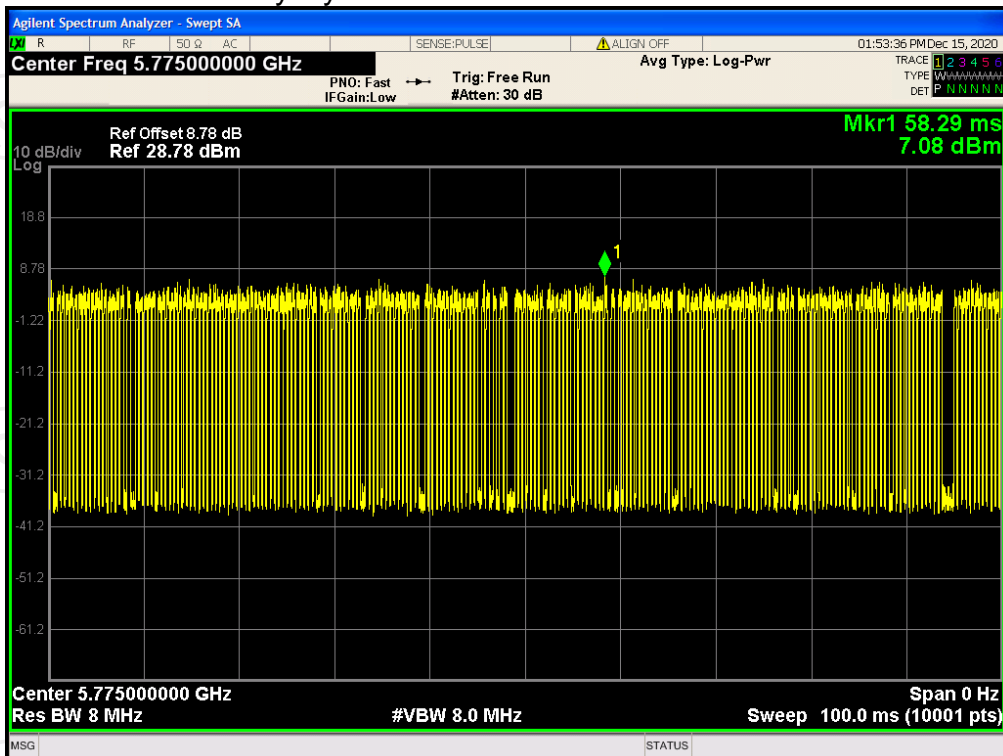
## Duty Cycle NVNT 802.11ac40 5755MHz



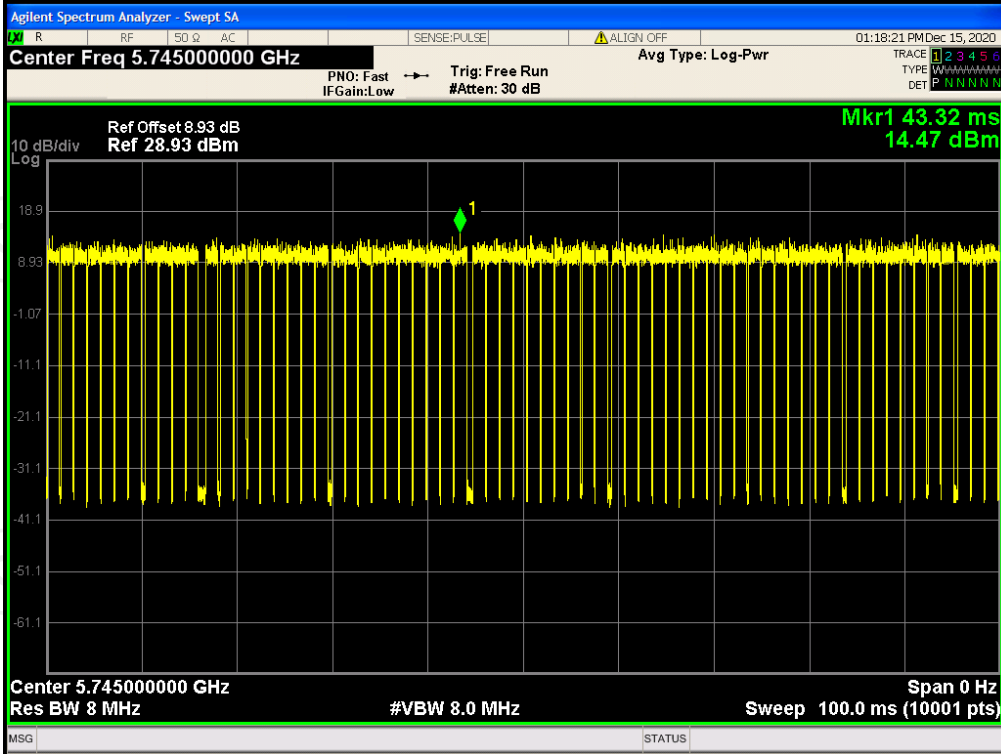
Duty Cycle NVNT 802.11ac40 5795MHz



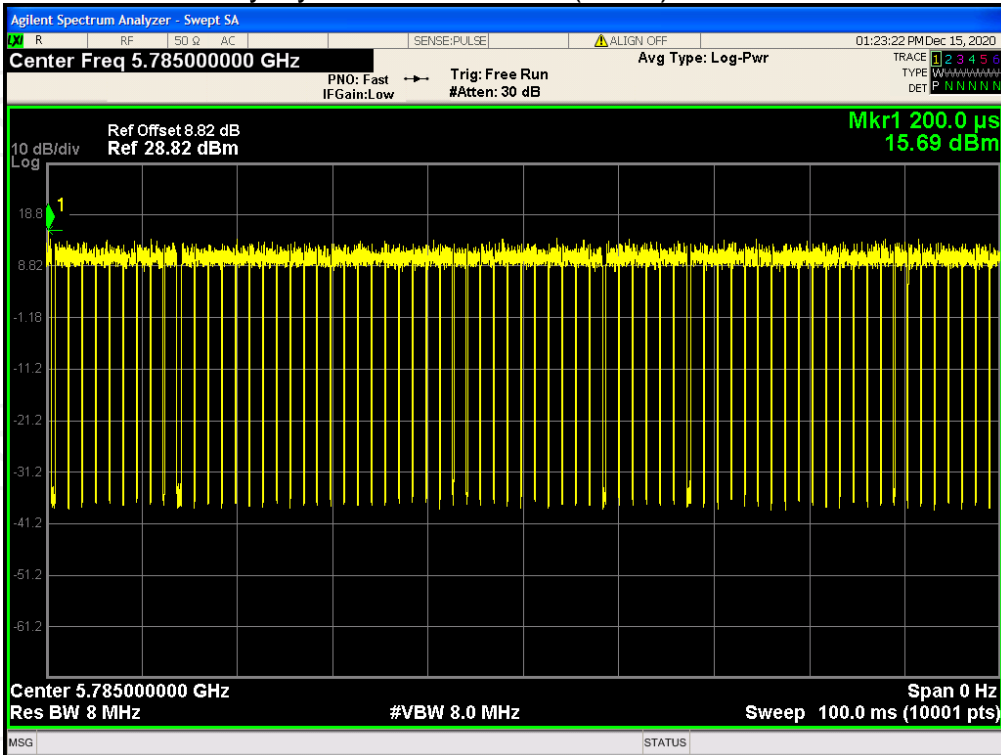
Duty Cycle NVNT 802.11ac80 5775MHz



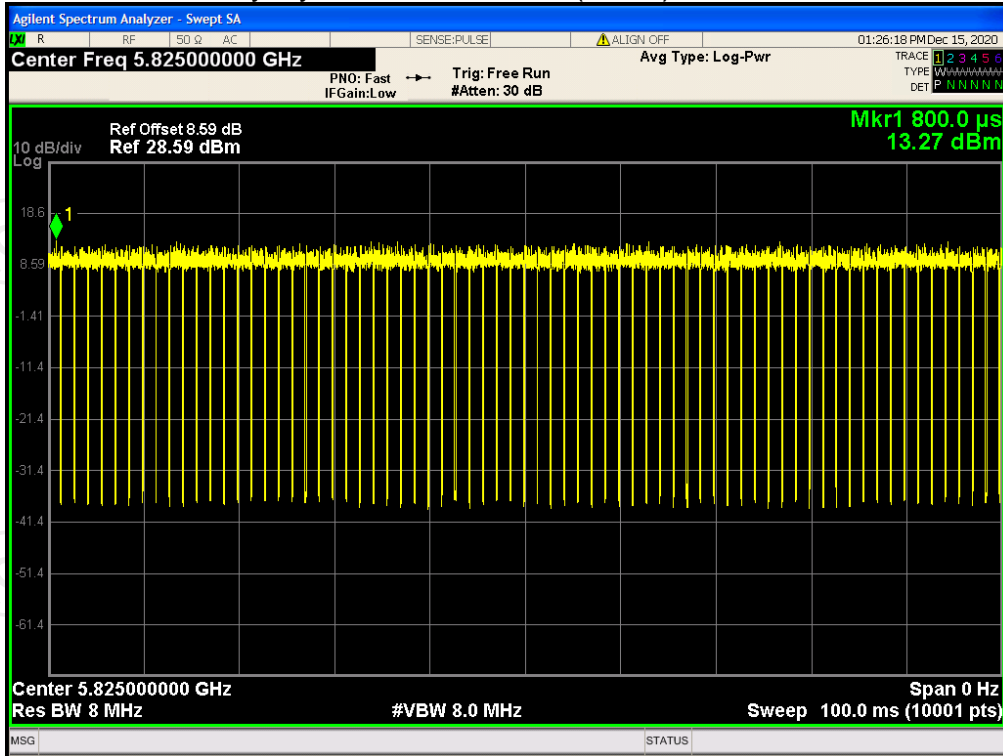
## Duty Cycle NVNT 802.11n(HT20) 5745MHz



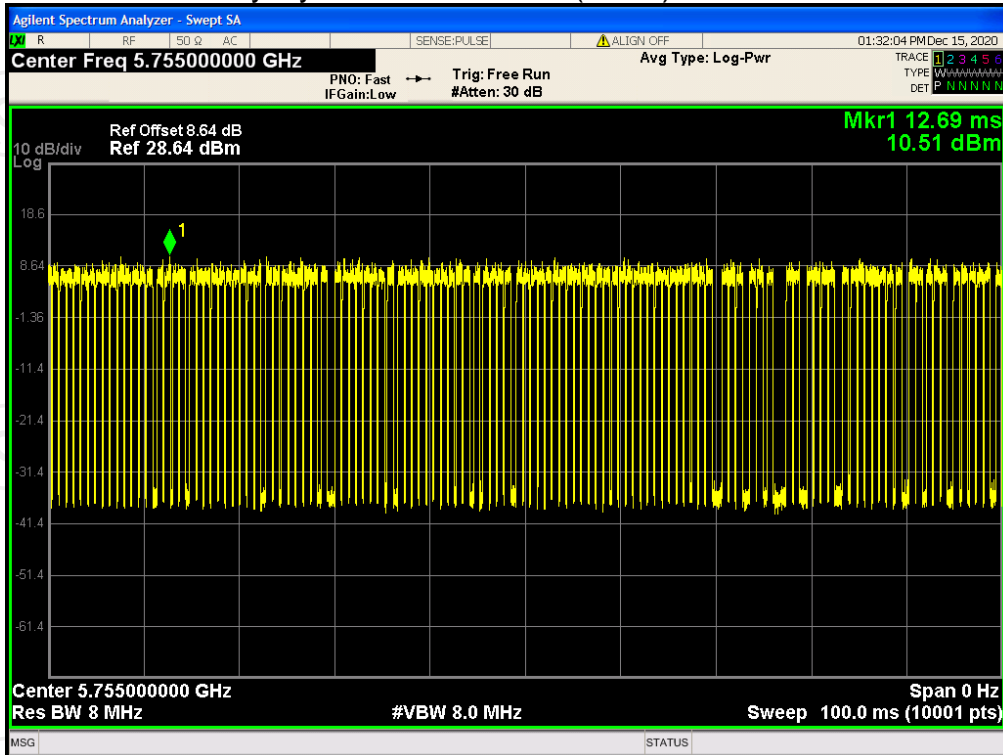
## Duty Cycle NVNT 802.11n(HT20) 5785MHz



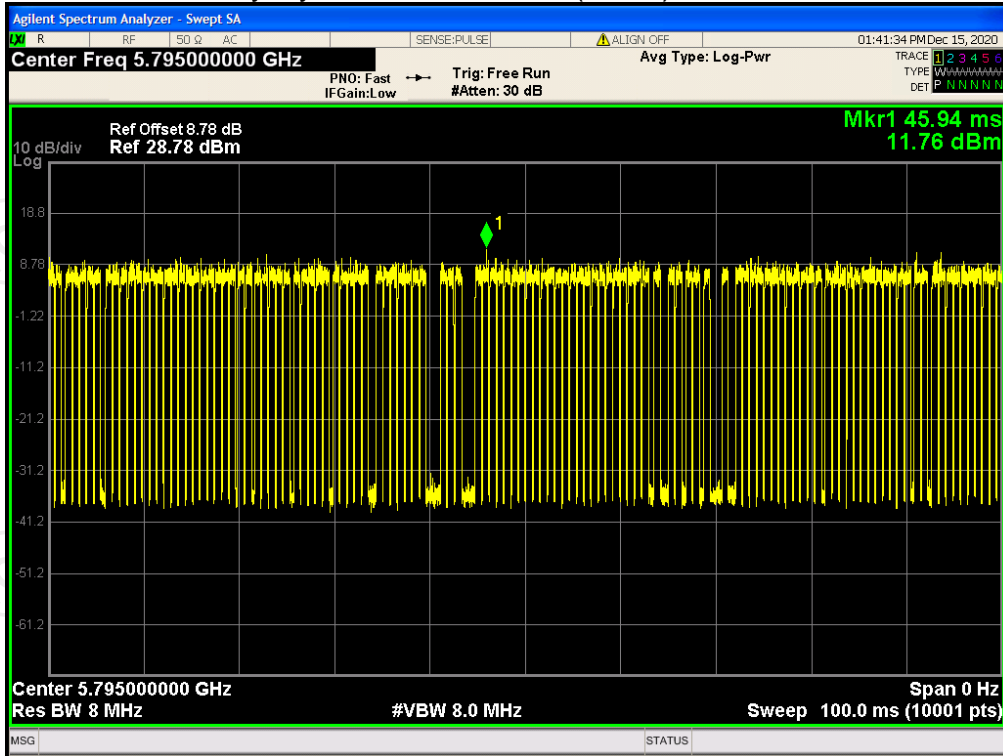
## Duty Cycle NVNT 802.11n(HT20) 5825MHz



## Duty Cycle NVNT 802.11n(HT40) 5755MHz



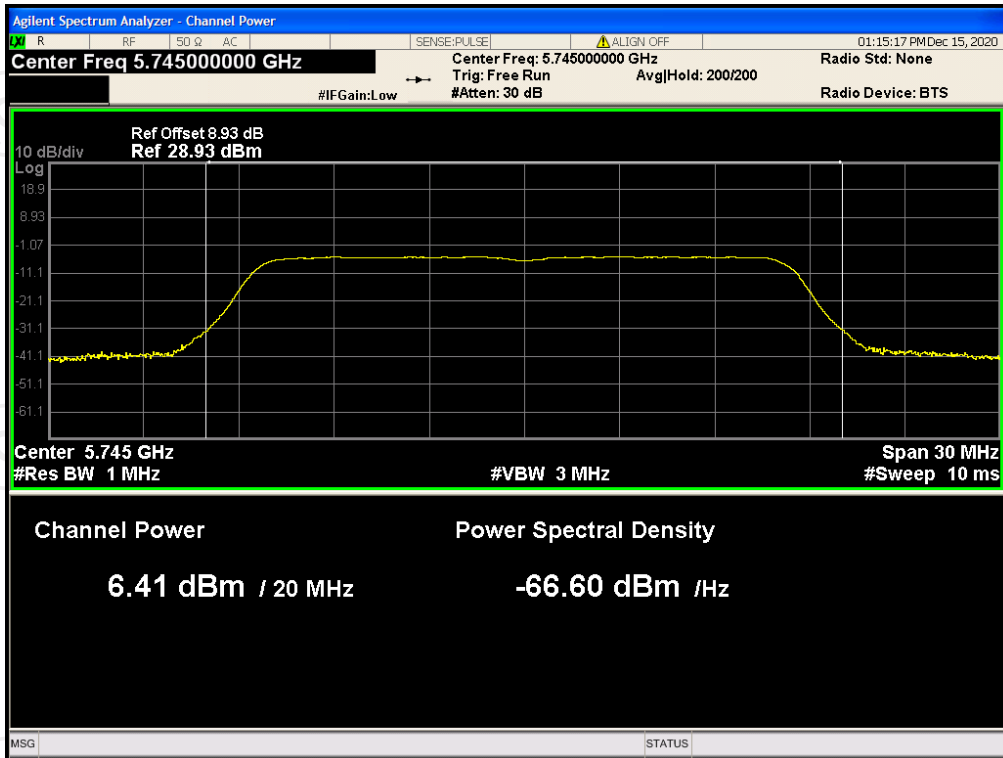
## Duty Cycle NVNT 802.11n(HT40) 5795MHz



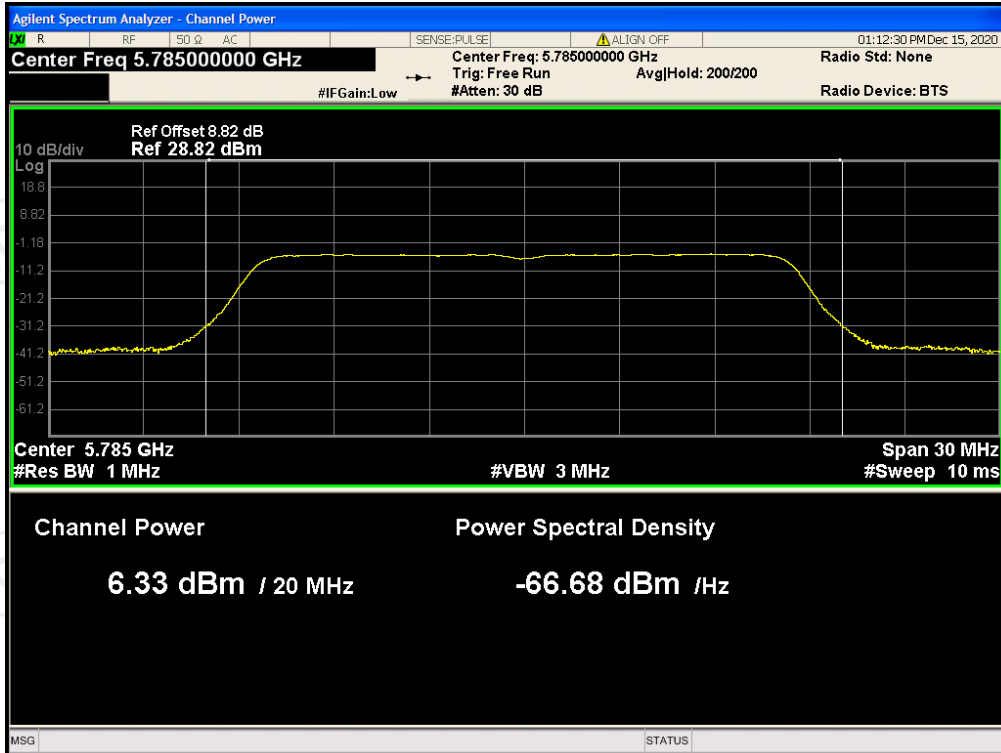
**Maximum Conducted Output Power**

Mode	Frequency (MHz)	Conducted Power (dBm)	Duty Factor (dB)	Total Power (dBm)	Limit (dBm)	Verdict
802.11a	5745	6.407	0	6.407	30	Pass
802.11a	5785	6.334	0	6.334	30	Pass
802.11a	5825	5.912	0	5.912	30	Pass
802.11ac20	5745	6.217	0	6.217	30	Pass
802.11ac20	5785	6.631	0	6.631	30	Pass
802.11ac20	5825	5.964	0	5.964	30	Pass
802.11ac40	5755	5.242	0	5.242	30	Pass
802.11ac40	5795	5.902	0	5.902	30	Pass
802.11ac80	5775	5.026	0	5.026	30	Pass
802.11n(HT20)	5745	6.433	0	6.433	30	Pass
802.11n(HT20)	5785	6.609	0	6.609	30	Pass
802.11n(HT20)	5825	6.02	0	6.02	30	Pass
802.11n(HT40)	5755	5.492	0	5.492	30	Pass
802.11n(HT40)	5795	5.555	0	5.555	30	Pass

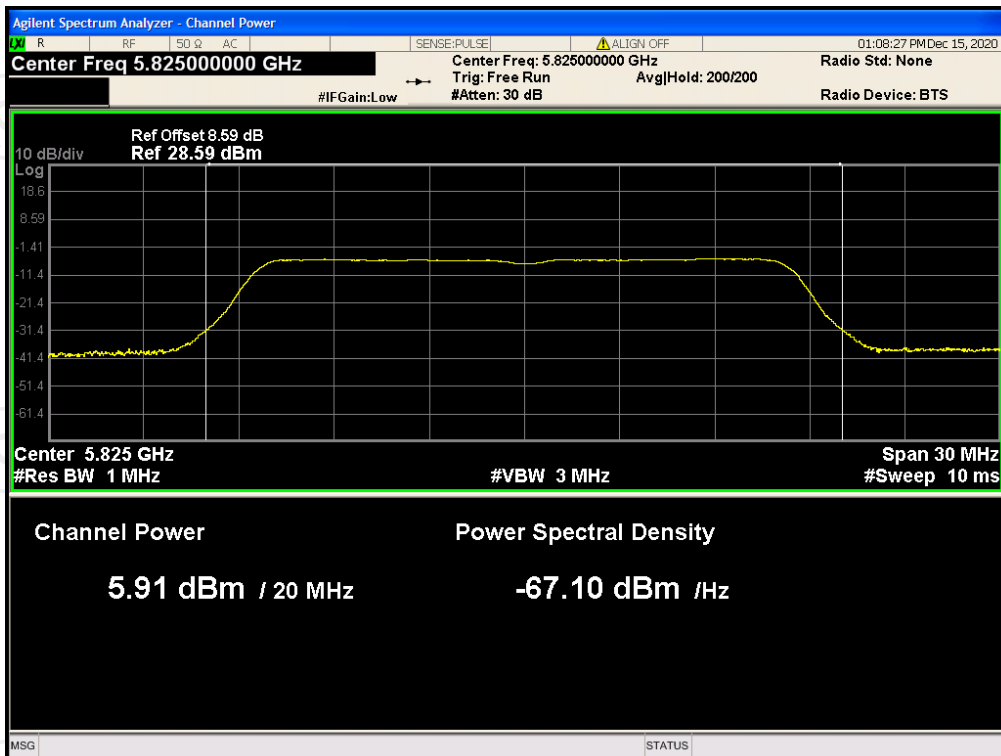
Power NVNT 802.11a 5745MHz



## Power NVNT 802.11a 5785MHz

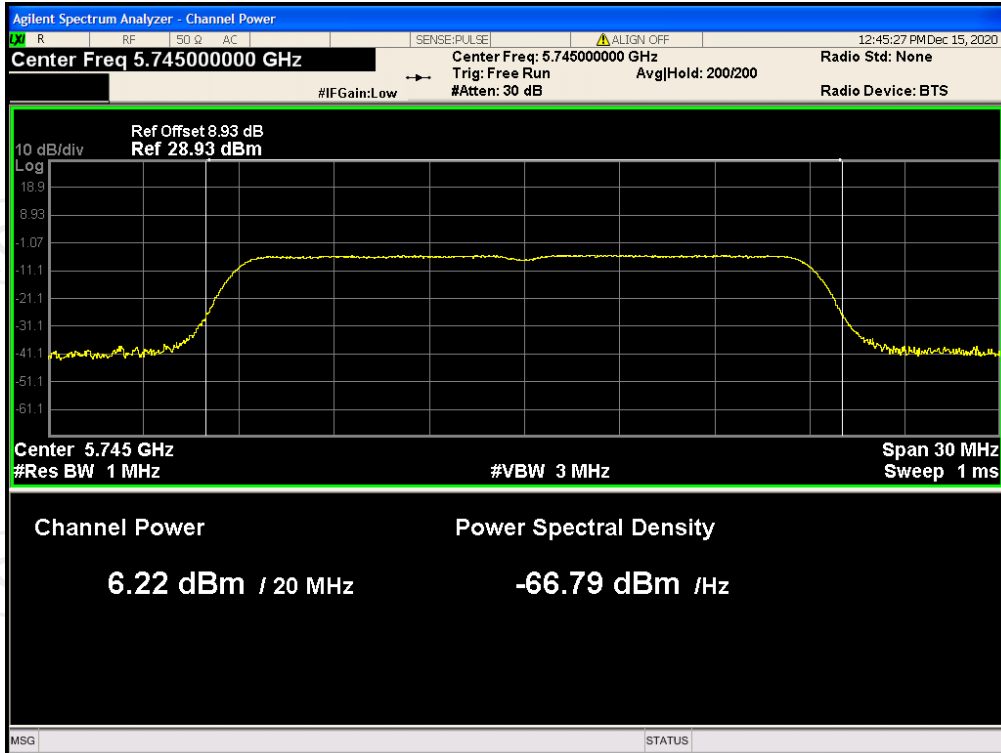


## Power NVNT 802.11a 5825MHz

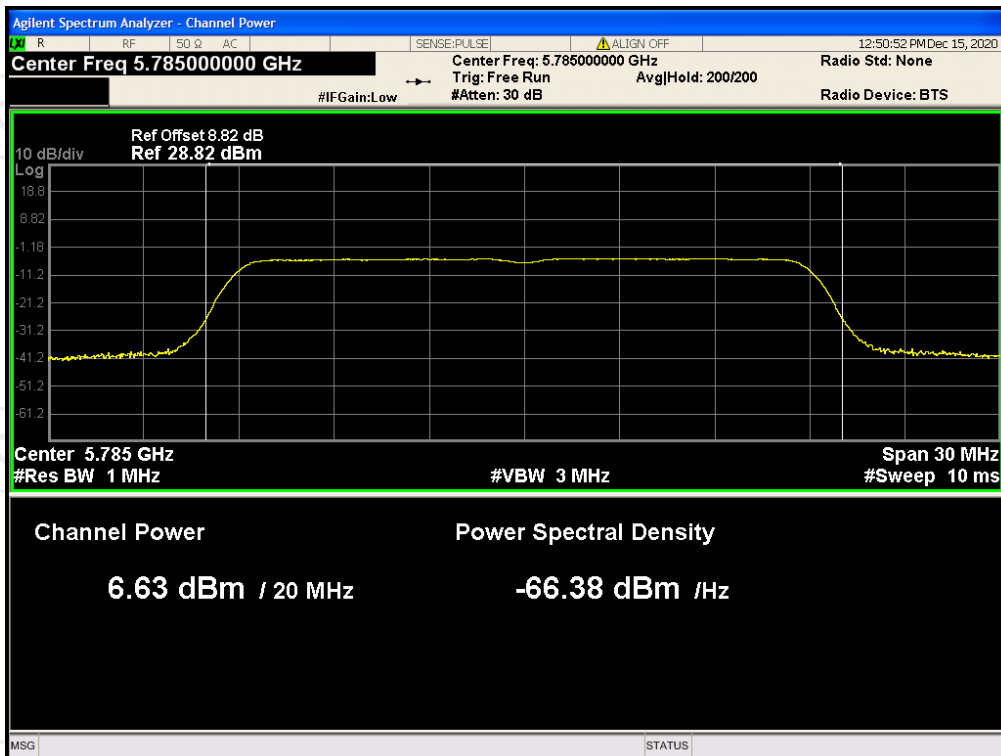




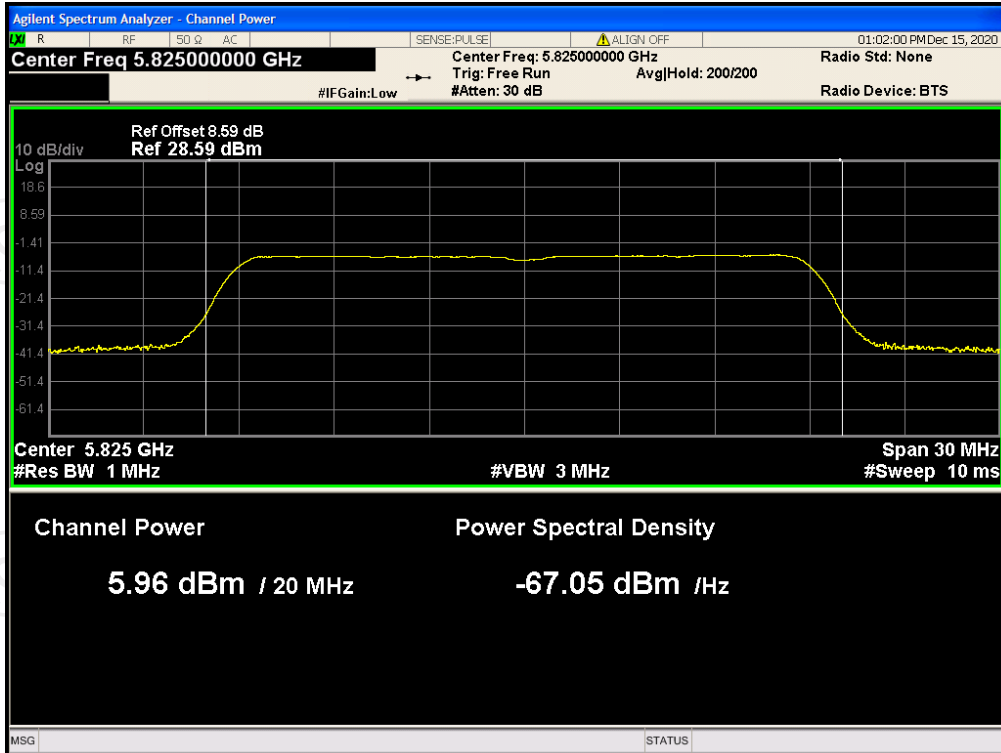
## Power NVNT 802.11ac20 5745MHz



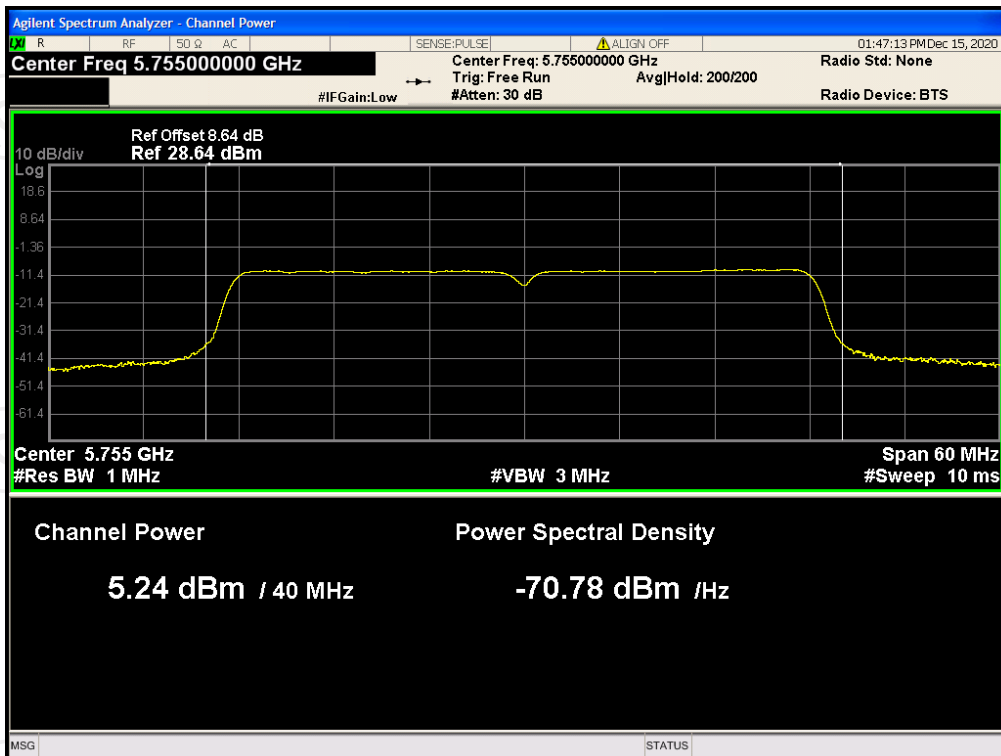
## Power NVNT 802.11ac20 5785MHz



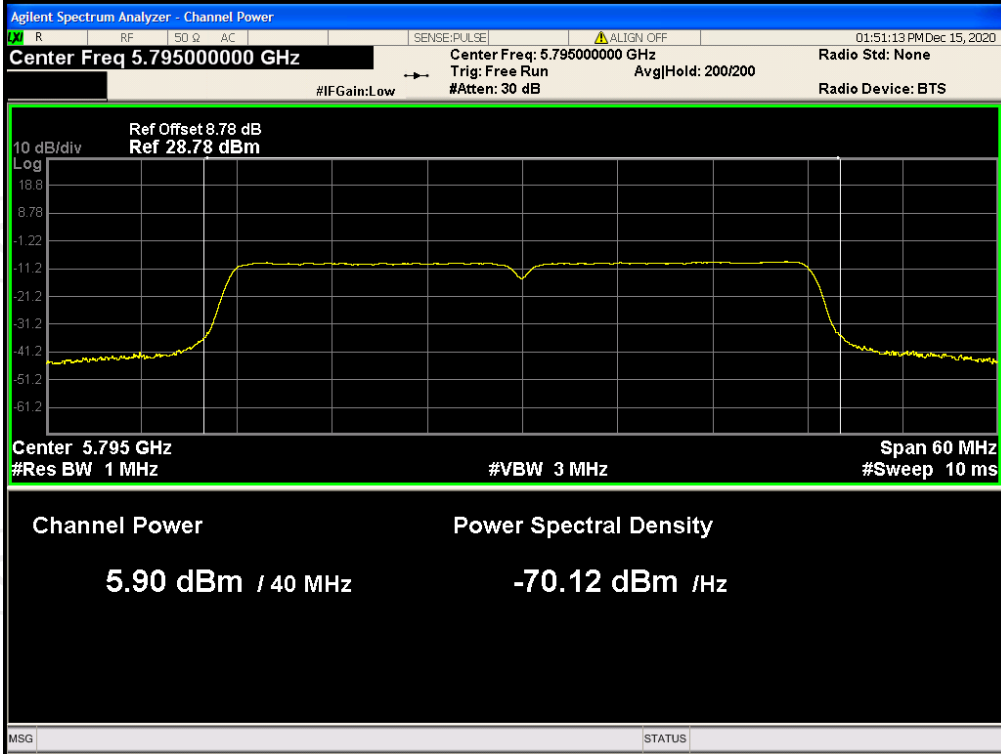
## Power NVNT 802.11ac20 5825MHz



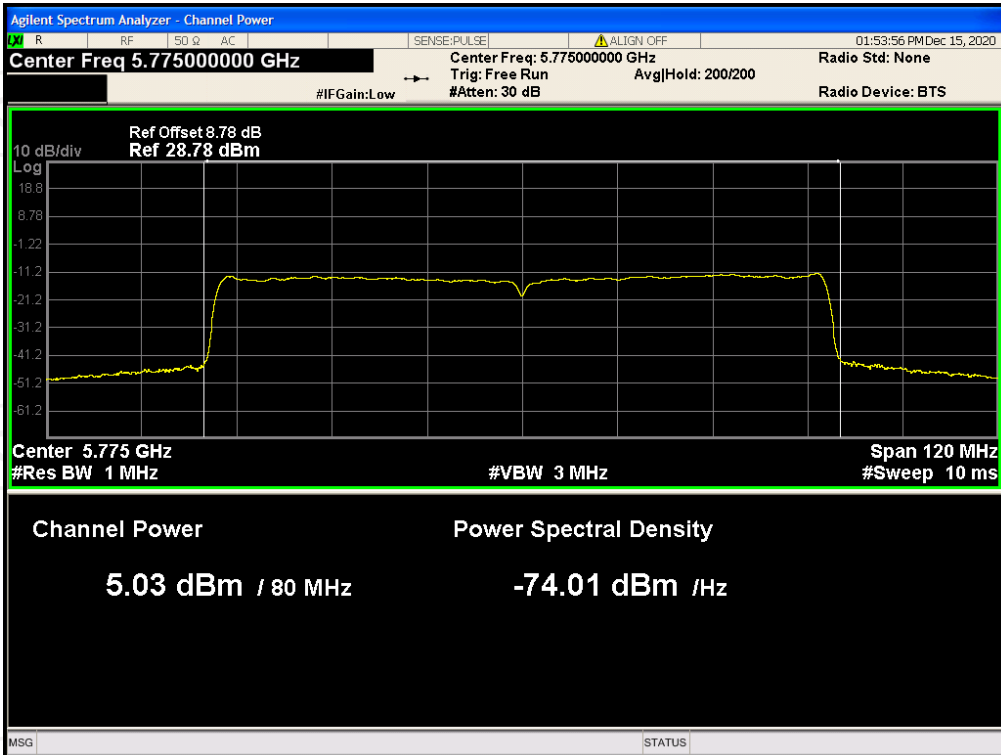
## Power NVNT 802.11ac40 5755MHz



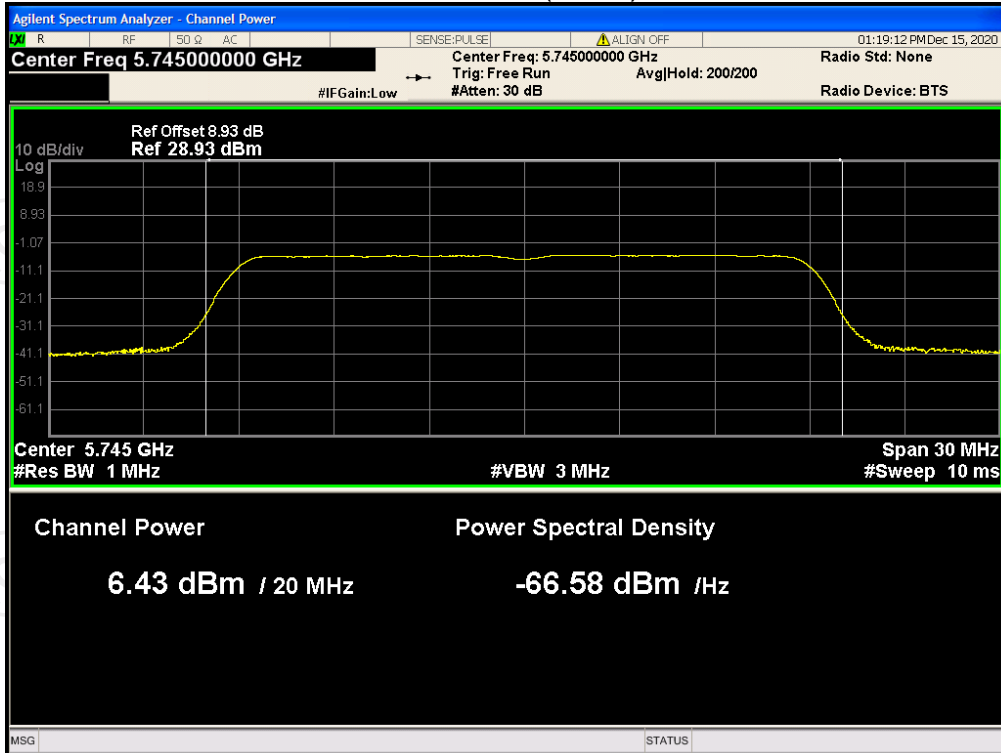
Power NVNT 802.11ac40 5795MHz



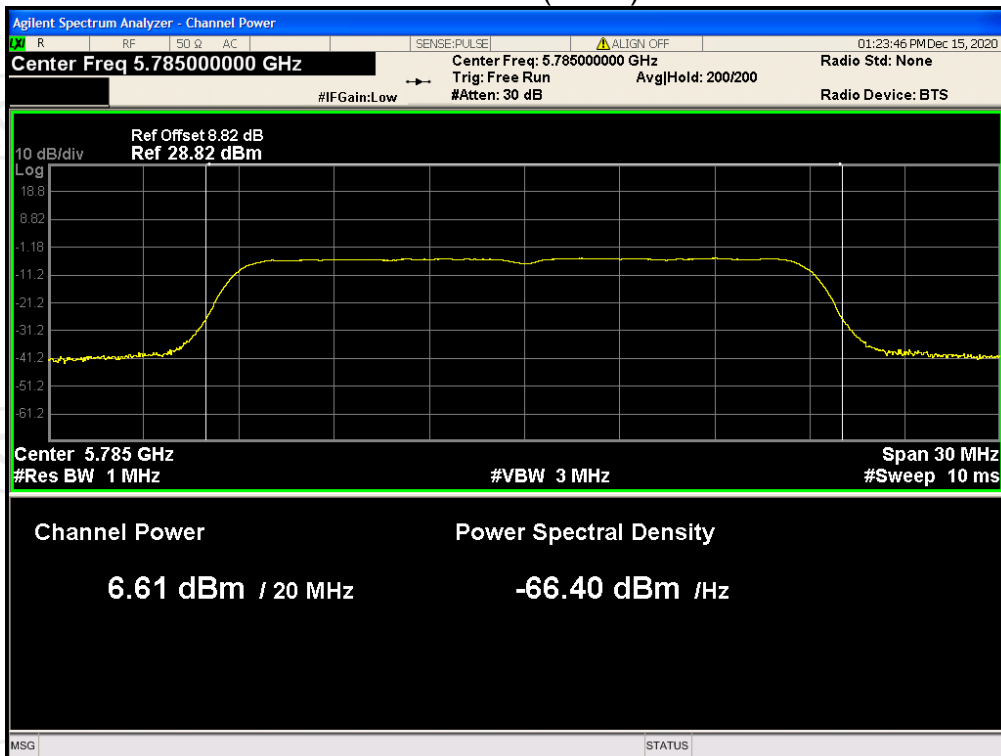
Power NVNT 802.11ac80 5775MHz



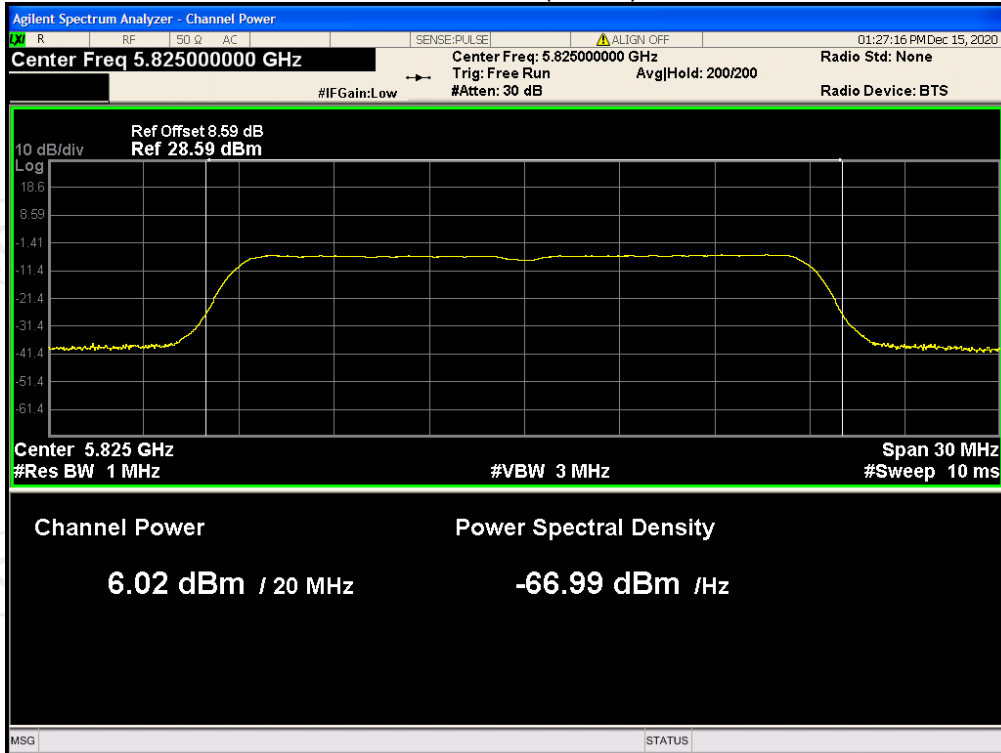
Power NVNT 802.11n(HT20) 5745MHz



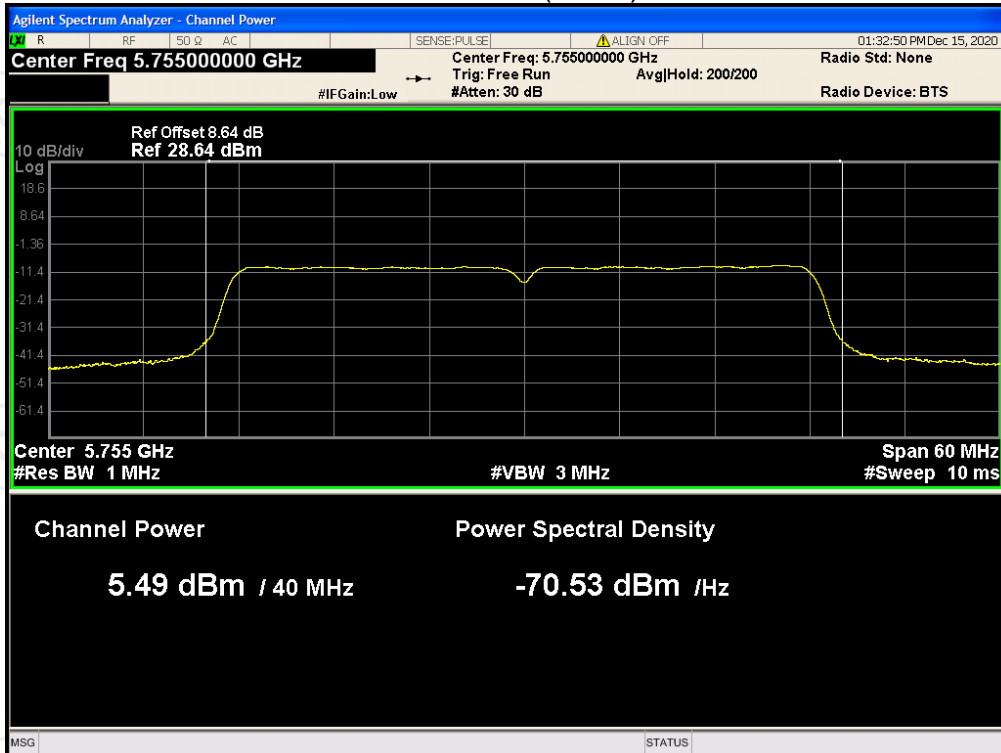
Power NVNT 802.11n(HT20) 5785MHz



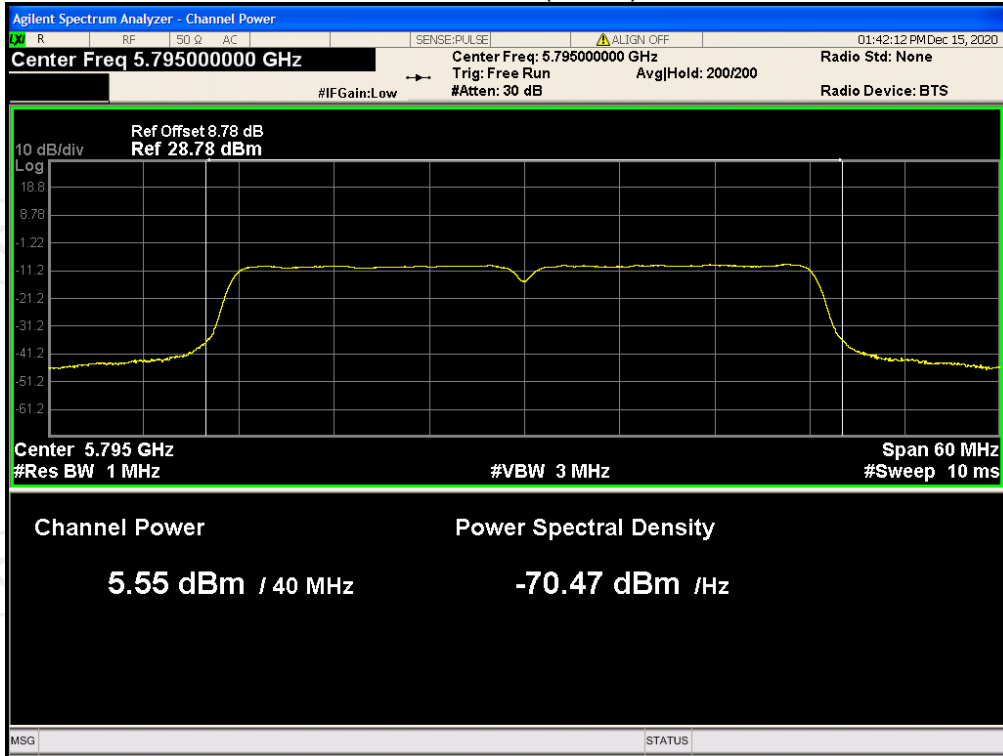
## Power NVNT 802.11n(HT20) 5825MHz



## Power NVNT 802.11n(HT40) 5755MHz



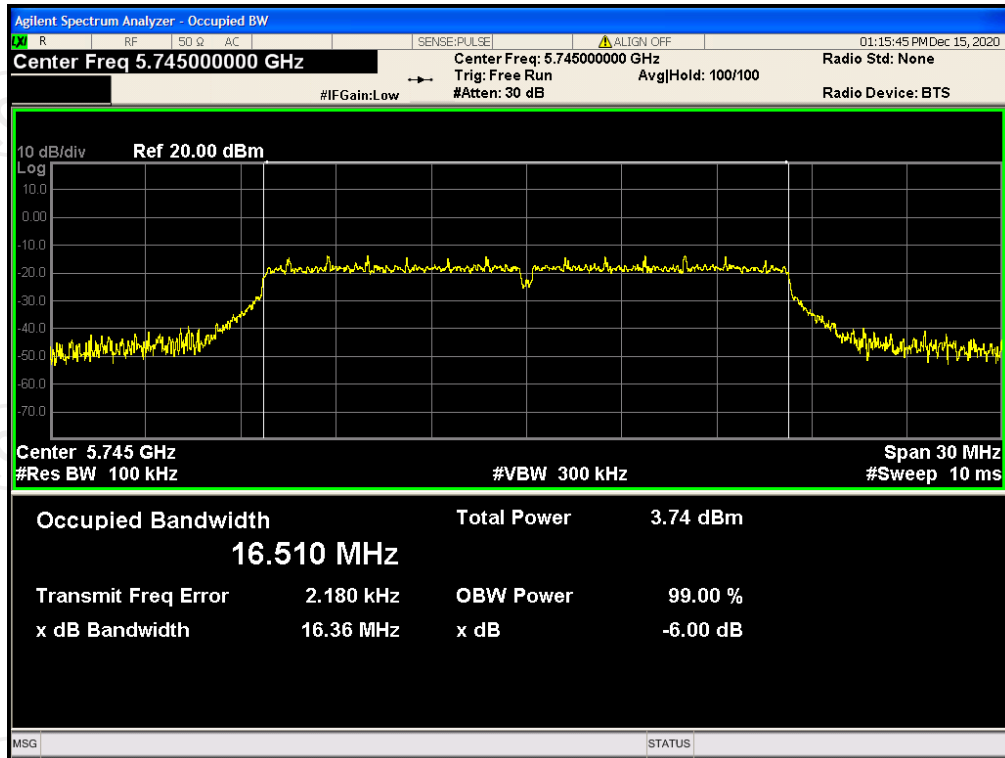
Power NVNT 802.11n(HT40) 5795MHz



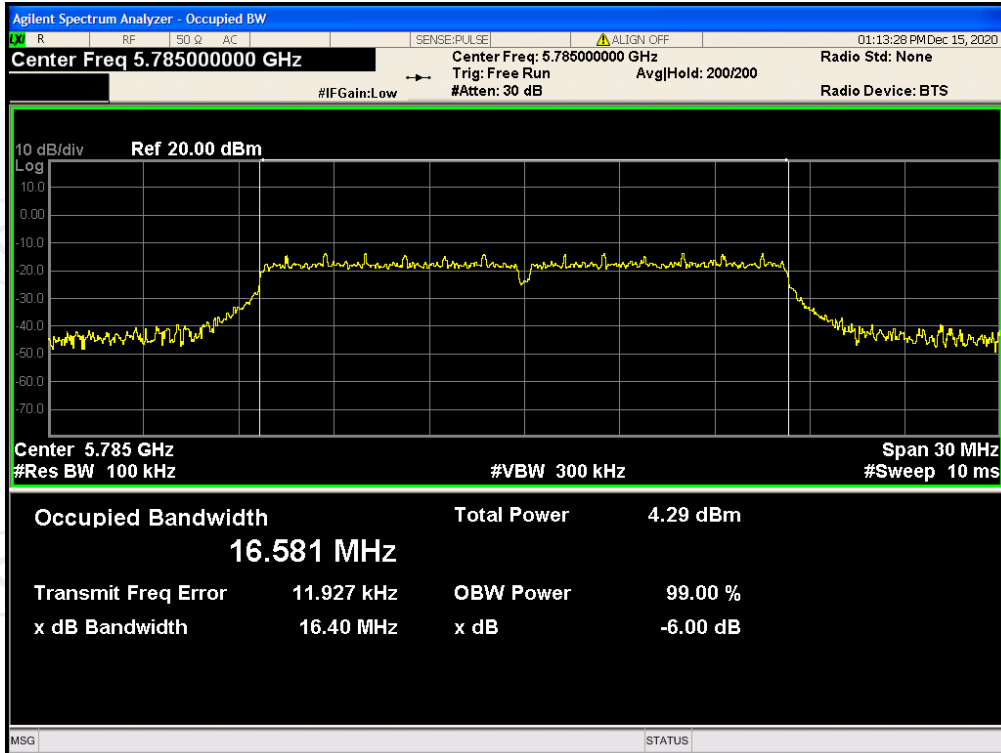
**-6dB Bandwidth**

Mode	Frequency (MHz)	-6 dB Bandwidth (MHz)	Limit -6 dB Bandwidth (MHz)	Verdict
802.11a	5745	16.3629	0.5	Pass
802.11a	5785	16.4028	0.5	Pass
802.11a	5825	16.411	0.5	Pass
802.11ac20	5745	17.6145	0.5	Pass
802.11ac20	5785	17.6197	0.5	Pass
802.11ac20	5825	17.6073	0.5	Pass
802.11ac40	5755	36.3182	0.5	Pass
802.11ac40	5795	36.3021	0.5	Pass
802.11ac80	5775	76.0465	0.5	Pass
802.11n(HT20)	5745	17.618	0.5	Pass
802.11n(HT20)	5785	17.6202	0.5	Pass
802.11n(HT20)	5825	17.6165	0.5	Pass
802.11n(HT40)	5755	36.3229	0.5	Pass
802.11n(HT40)	5795	36.070	0.5	Pass

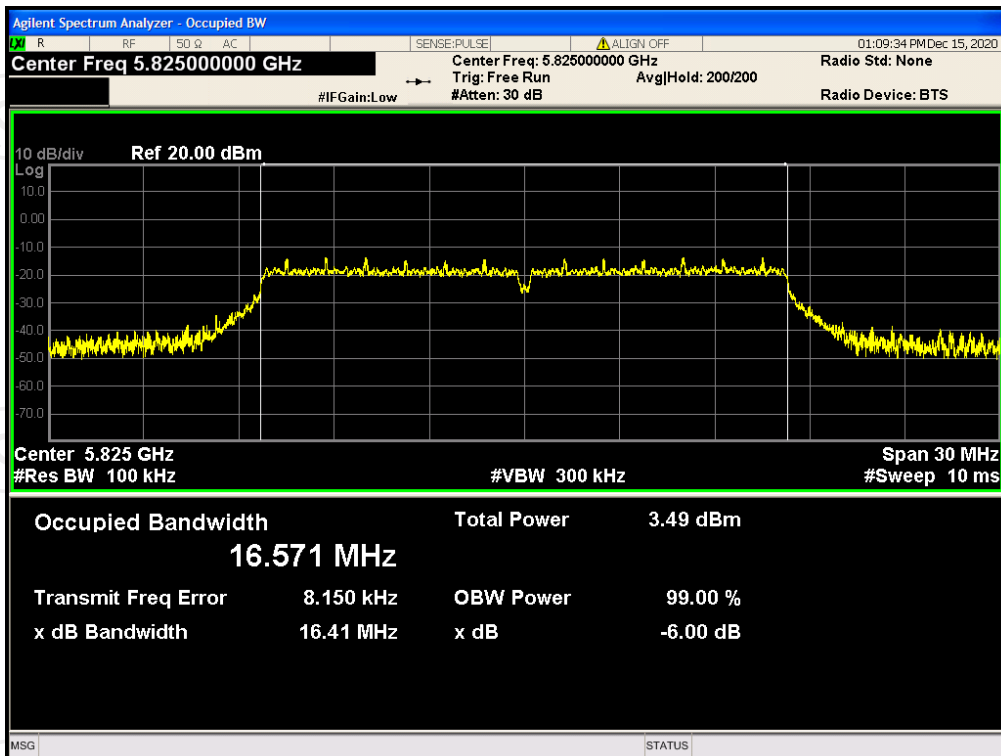
**-6dB Bandwidth NVNT 802.11a 5745MHz**



## -6dB Bandwidth NVNT 802.11a 5785MHz

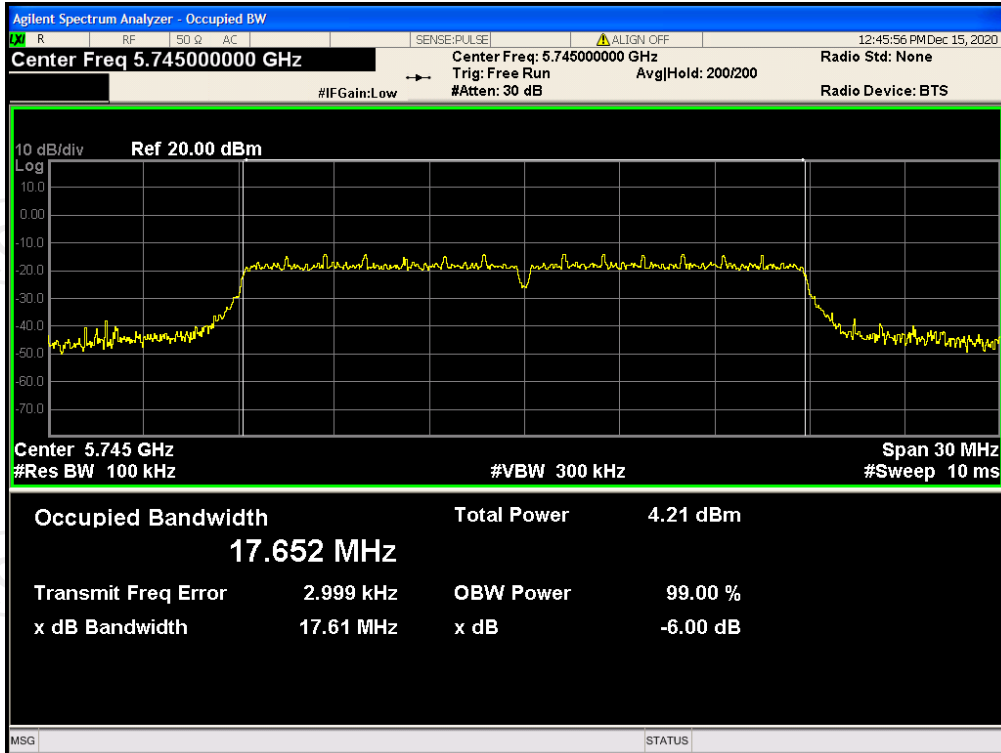


## -6dB Bandwidth NVNT 802.11a 5825MHz

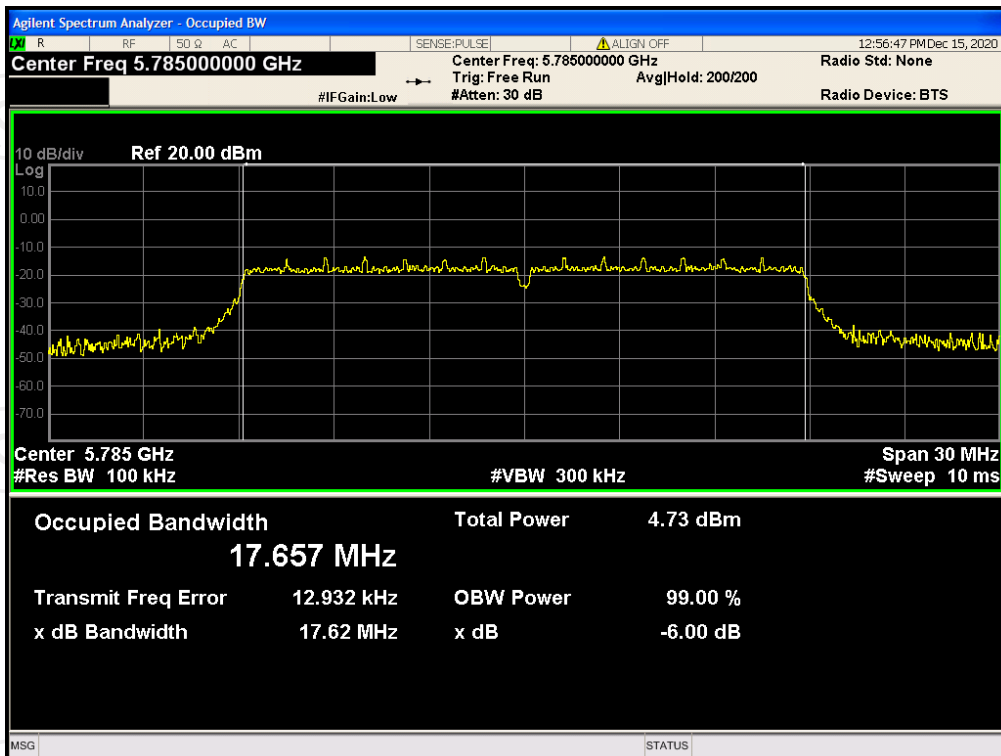




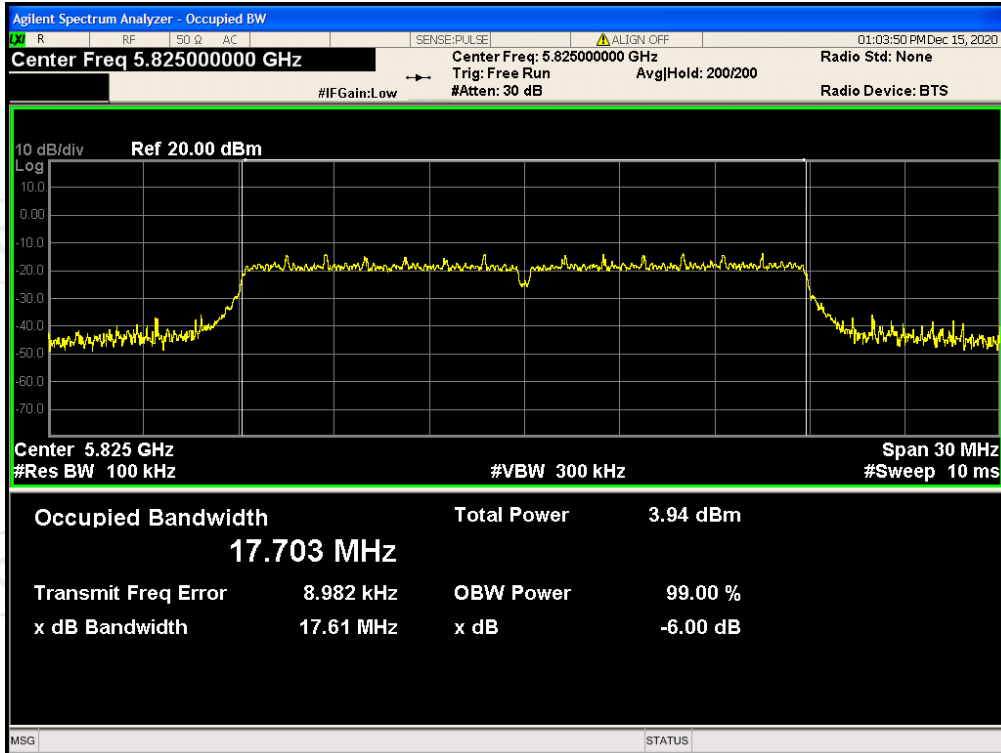
## -6dB Bandwidth NVNT 802.11ac20 5745MHz



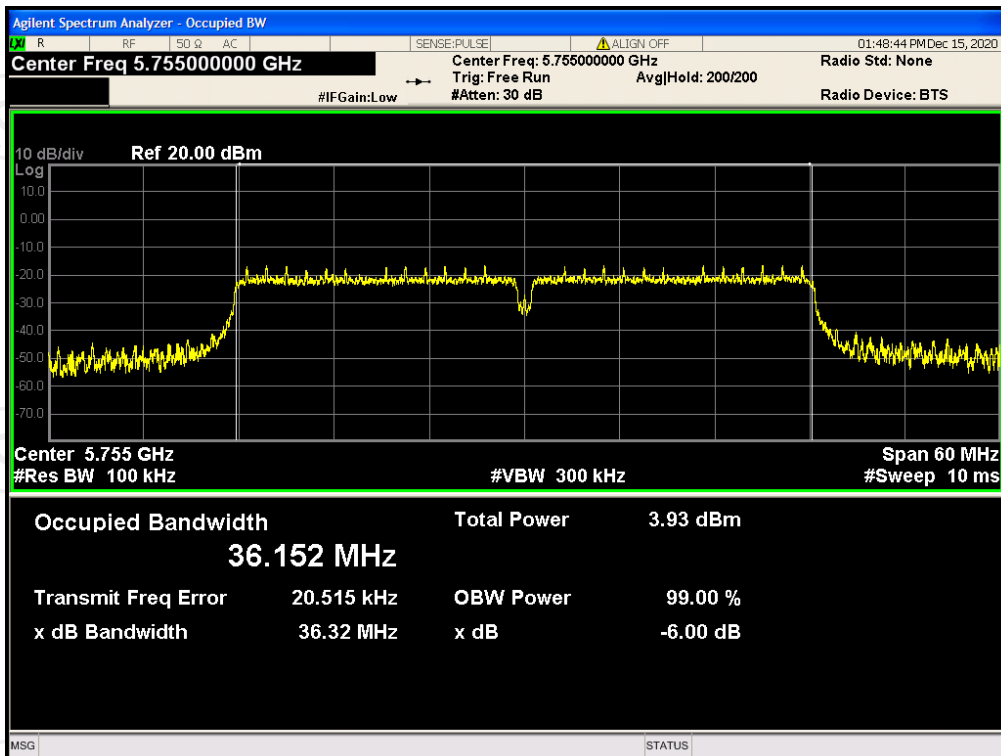
## -6dB Bandwidth NVNT 802.11ac20 5785MHz



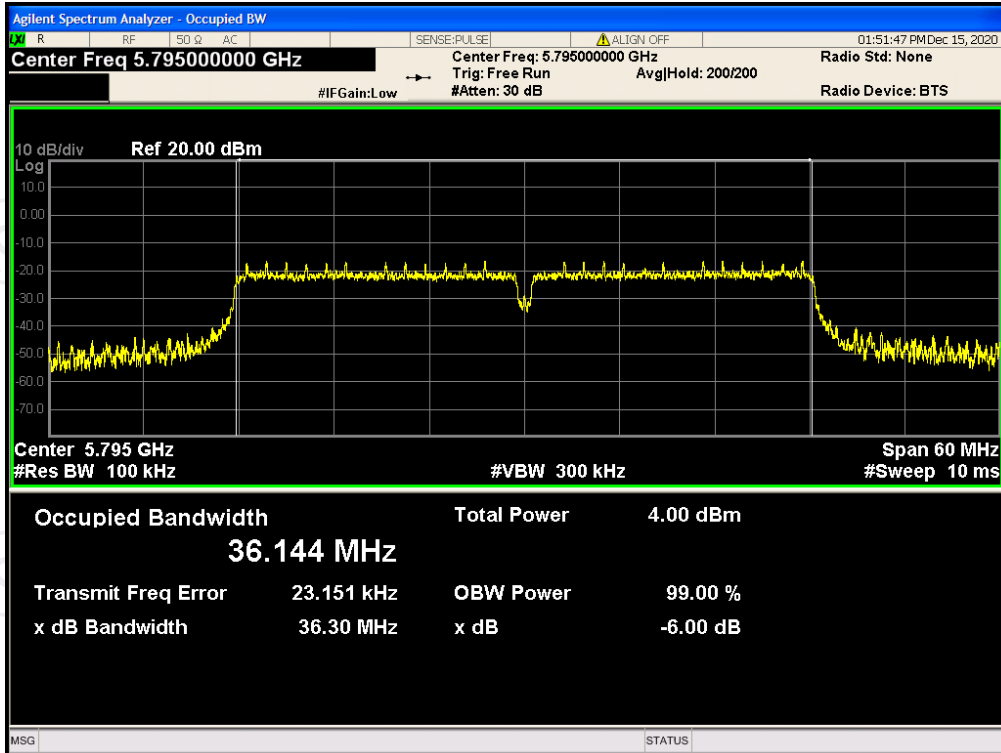
## -6dB Bandwidth NVNT 802.11ac20 5825MHz



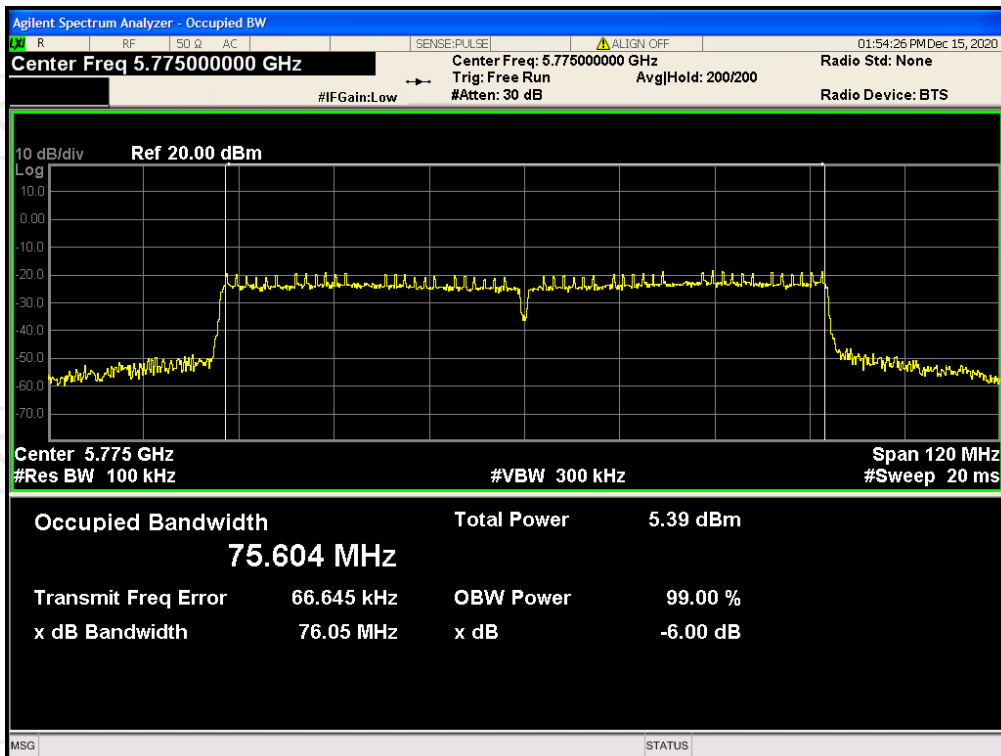
## -6dB Bandwidth NVNT 802.11ac40 5755MHz



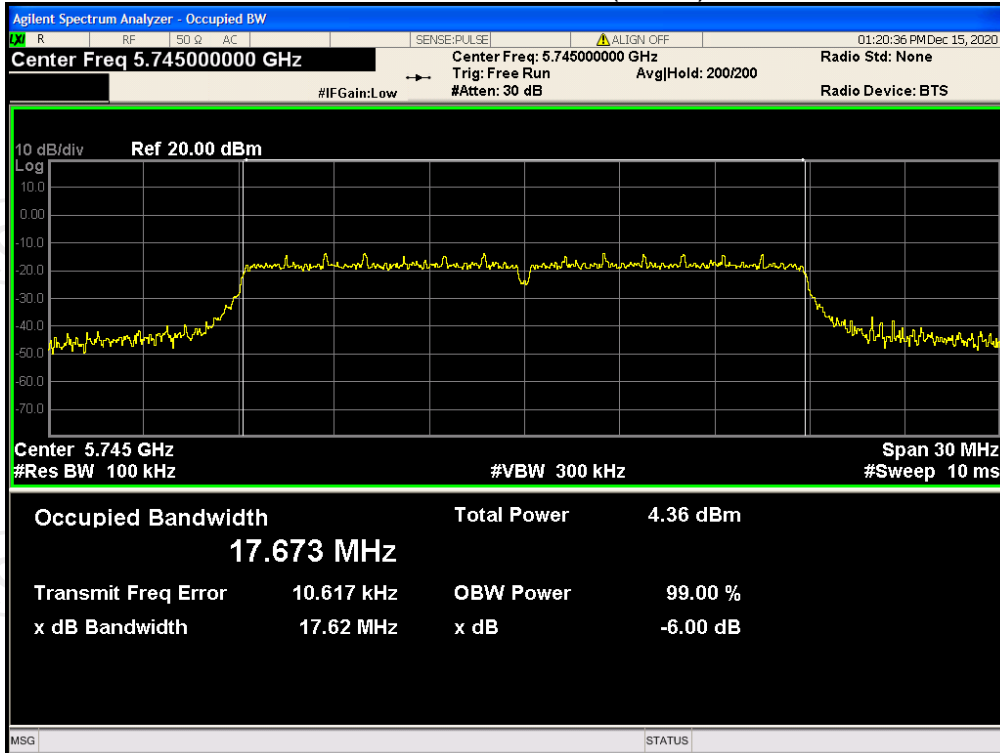
## -6dB Bandwidth NVNT 802.11ac40 5795MHz



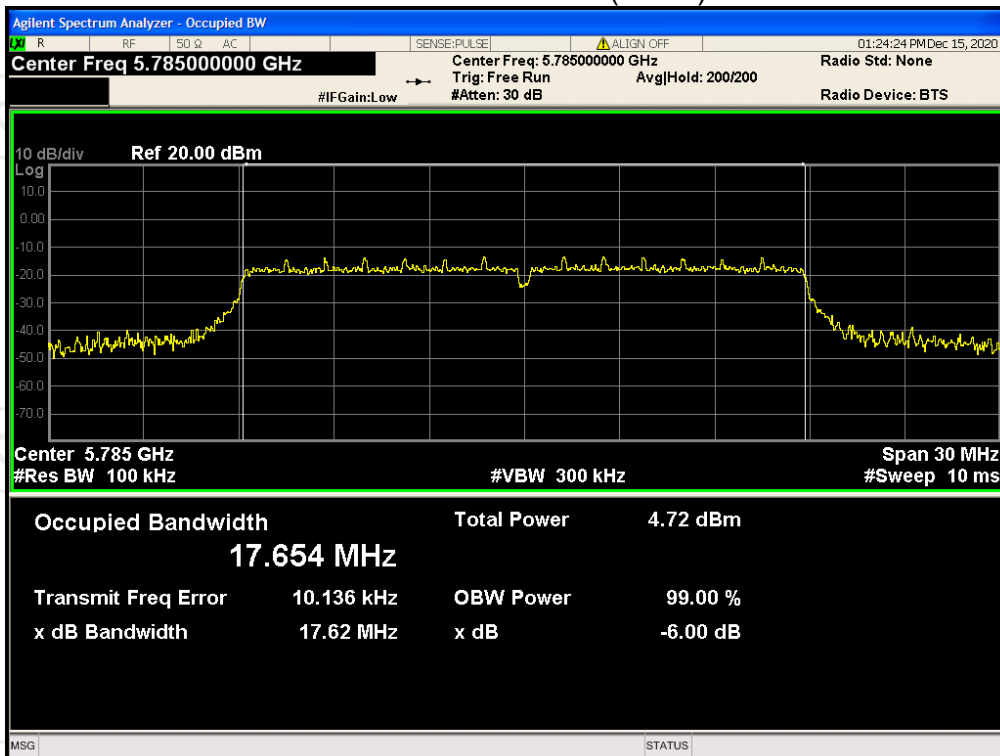
## -6dB Bandwidth NVNT 802.11ac80 5775MHz



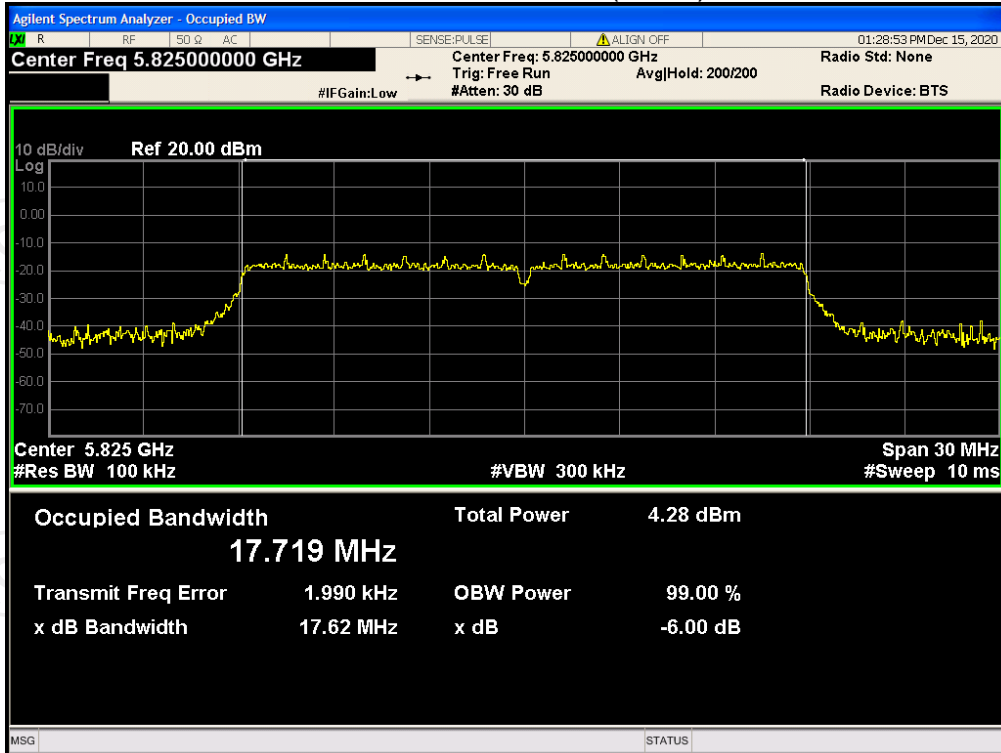
## -6dB Bandwidth NVNT 802.11n(HT20) 5745MHz



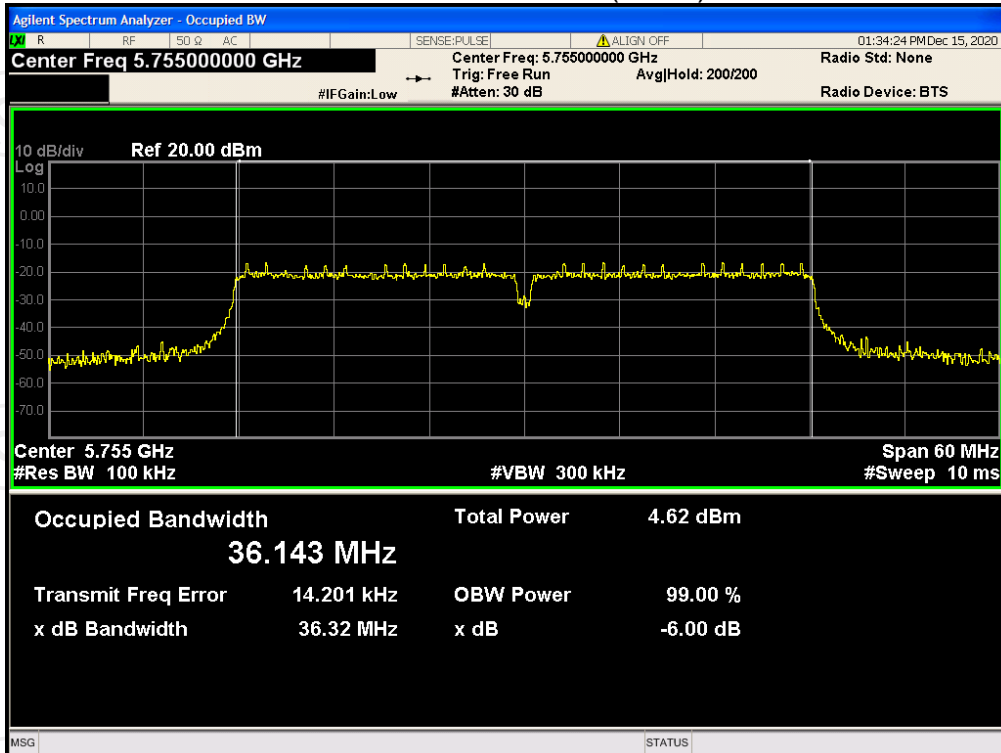
## -6dB Bandwidth NVNT 802.11n(HT20) 5785MHz



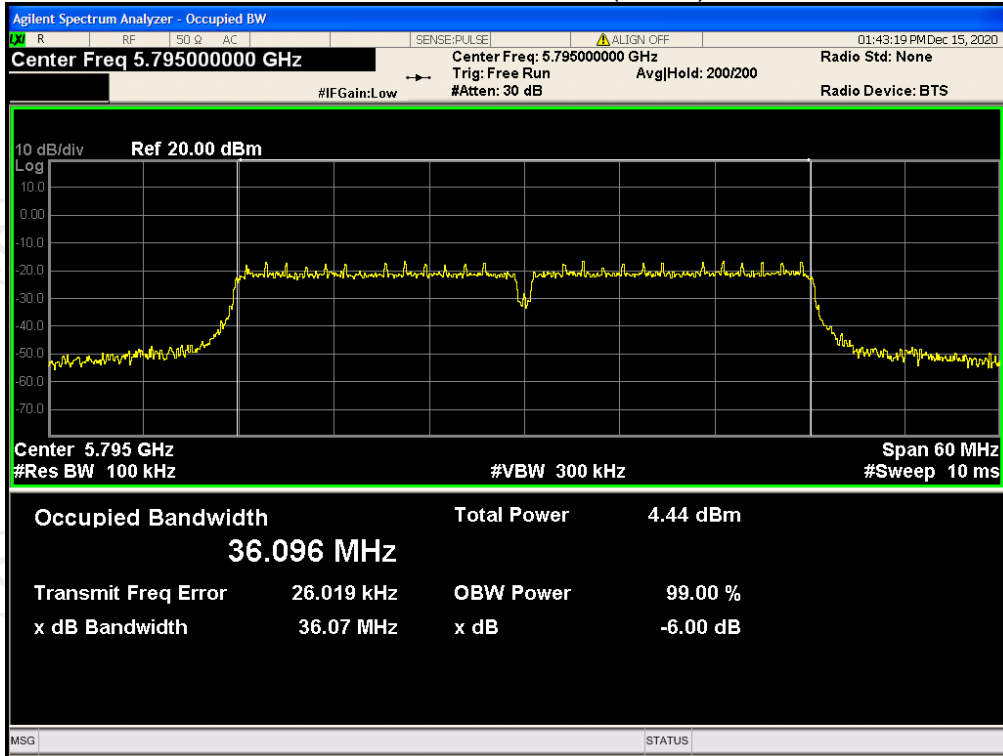
## -6dB Bandwidth NVNT 802.11n(HT20) 5825MHz



## -6dB Bandwidth NVNT 802.11n(HT40) 5755MHz



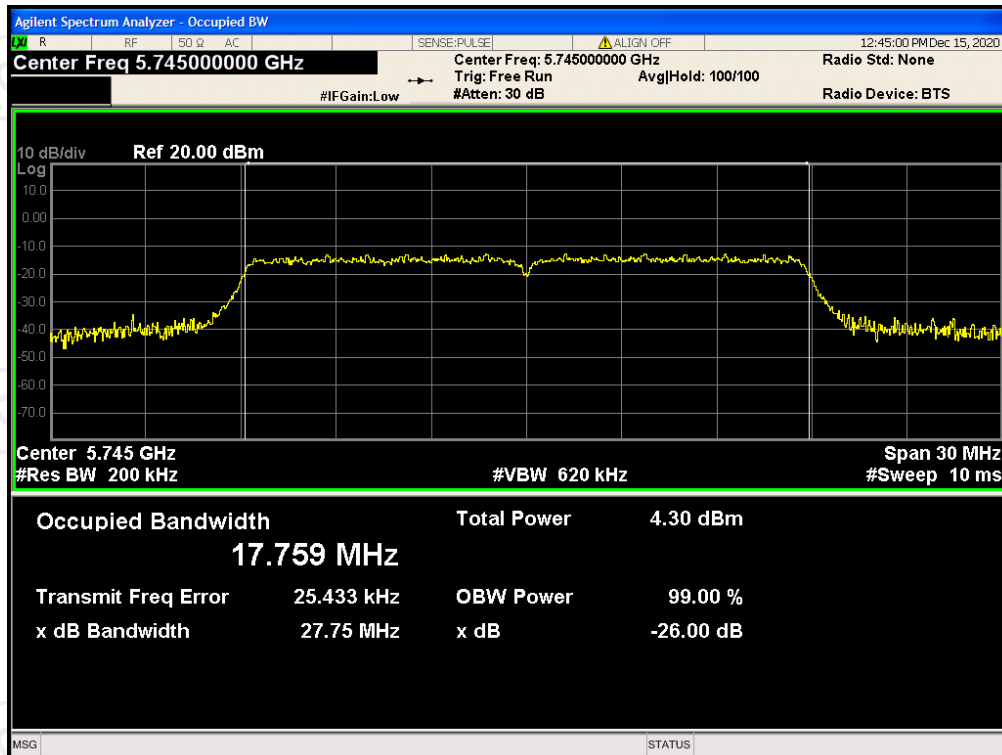
## -6dB Bandwidth NVNT 802.11n(HT40) 5795MHz



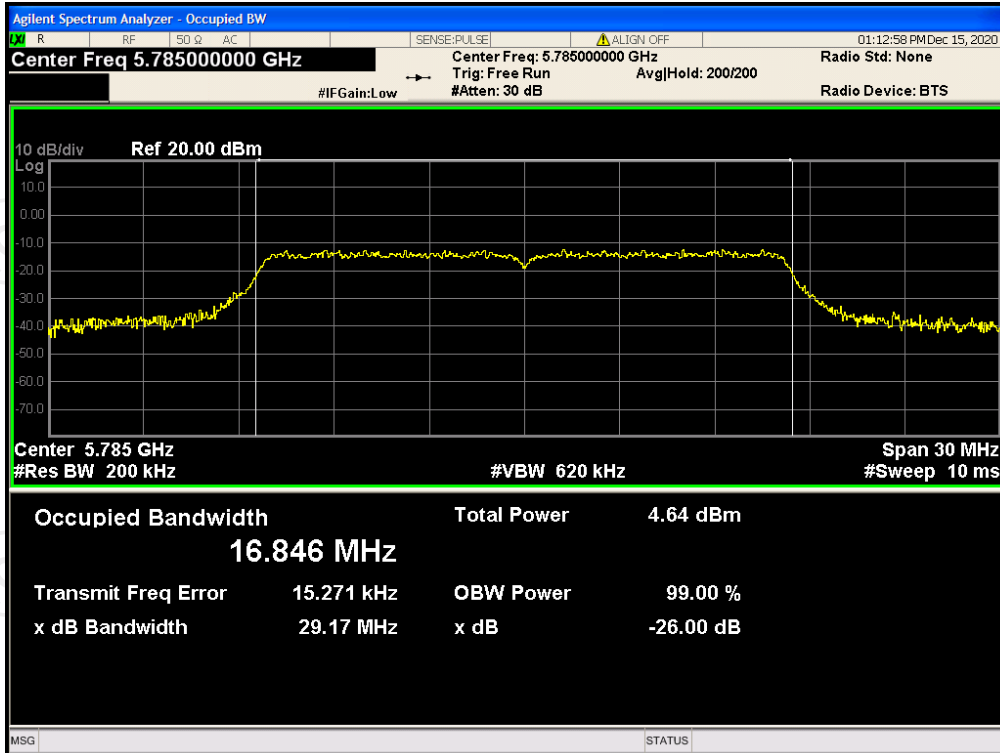
### Occupied Channel Bandwidth

Mode	Frequency (MHz)	99% OBW (MHz)	-26 dB Bandwidth (MHz)	Limit -26 dB Bandwidth (MHz)	Verdict
802.11a	5745	17.7593	27.7465	0.5	Pass
802.11a	5785	16.8459	29.1732	0.5	Pass
802.11a	5825	16.9284	29.7048	0.5	Pass
802.11ac20	5745	17.78	28.4292	0.5	Pass
802.11ac20	5785	17.7703	28.1796	0.5	Pass
802.11ac20	5825	17.8592	29.6549	0.5	Pass
802.11ac40	5755	36.3707	55.3236	0.5	Pass
802.11ac40	5795	36.398	55.907	0.5	Pass
802.11ac80	5775	75.8123	90.4315	0.5	Pass
802.11n(HT20)	5745	17.7937	28.4692	0.5	Pass
802.11n(HT20)	5785	17.7712	27.5604	0.5	Pass
802.11n(HT20)	5825	17.8482	29.4742	0.5	Pass
802.11n(HT40)	5755	36.3867	56.7099	0.5	Pass
802.11n(HT40)	5795	36.3117	49.4835	0.5	Pass

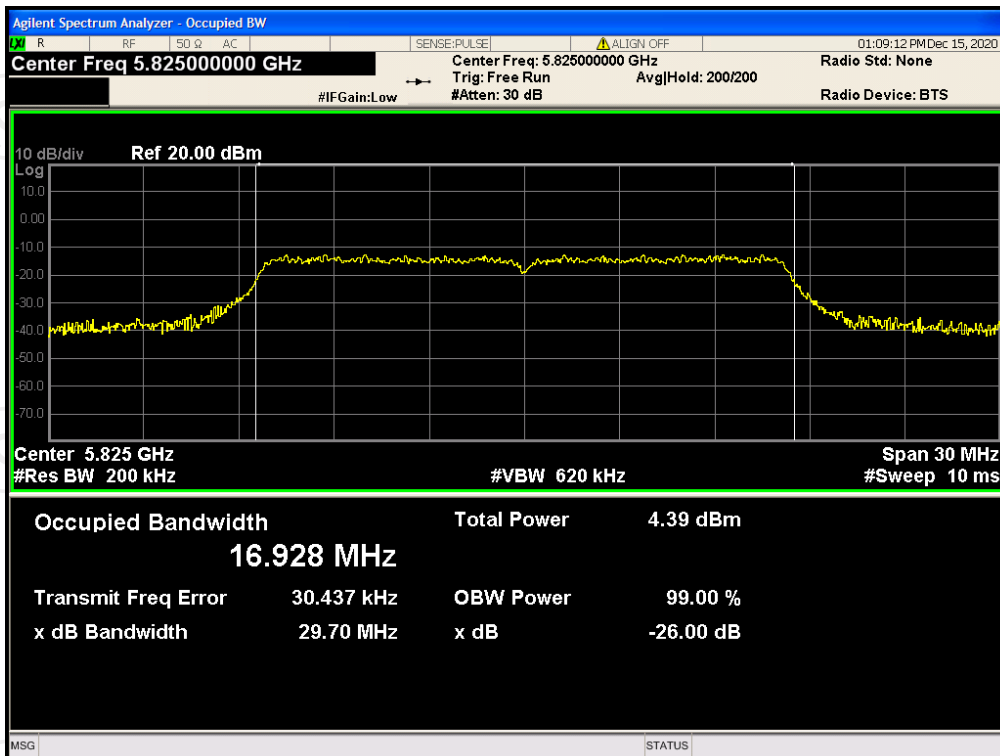
OBW NVNT 802.11a 5745MHz



## OBW NVNT 802.11a 5785MHz

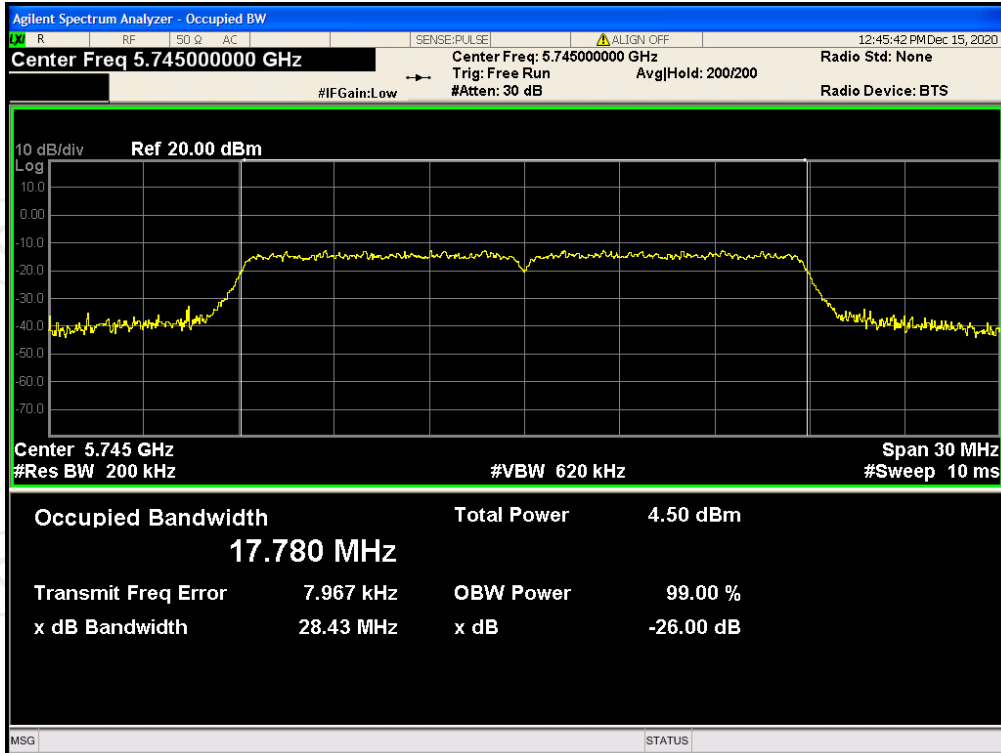


## OBW NVNT 802.11a 5825MHz

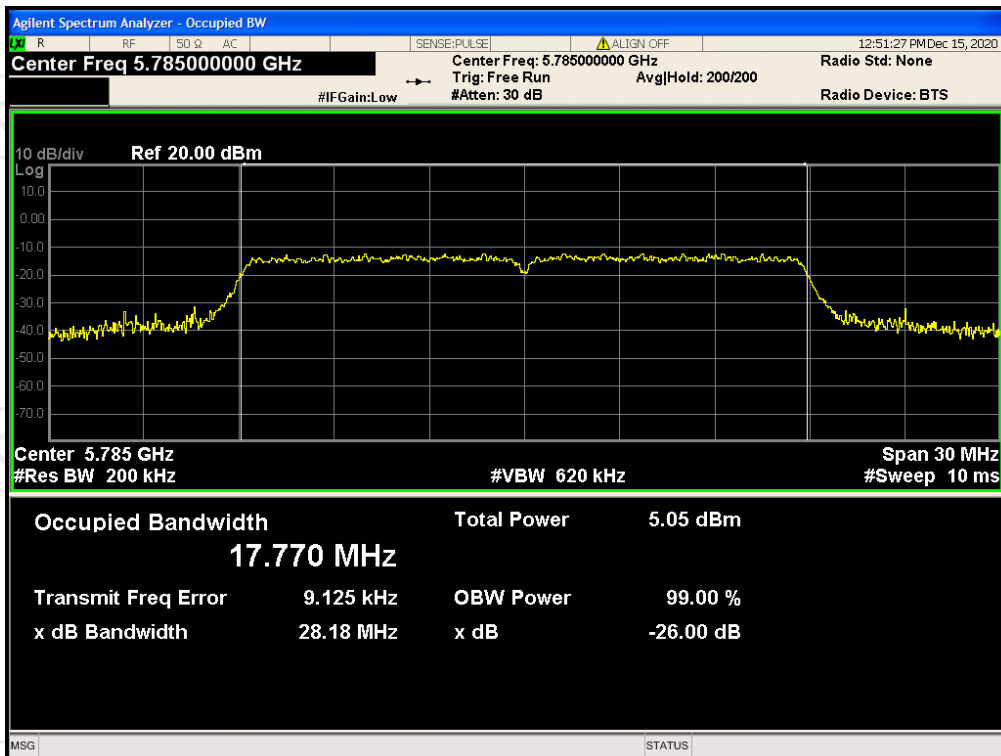




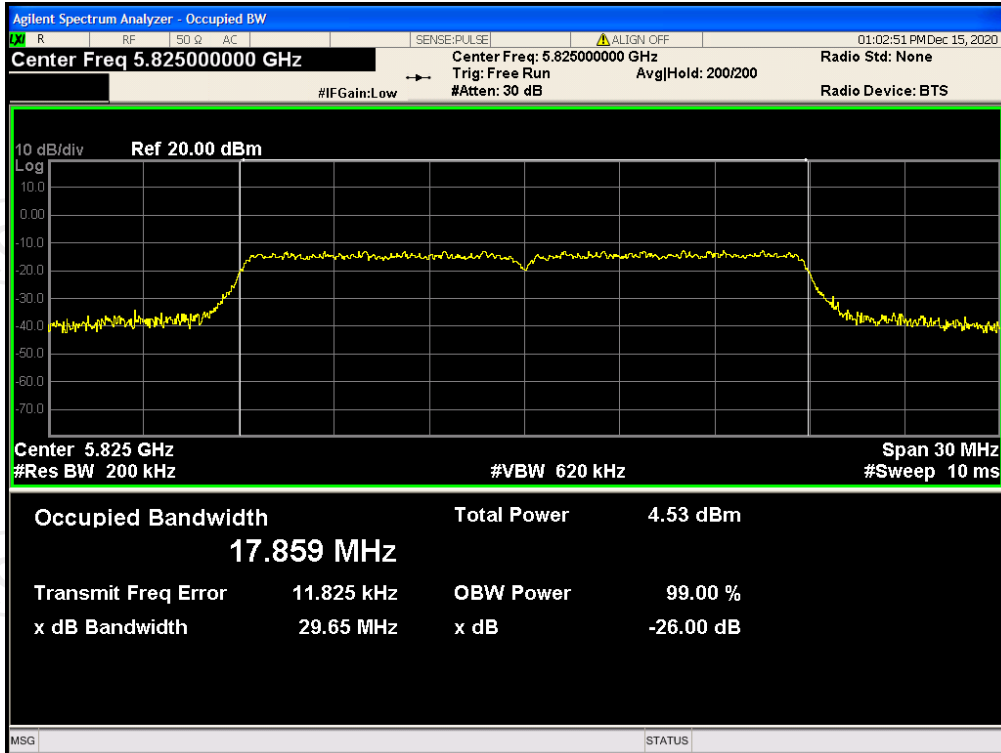
## OBW NVNT 802.11ac20 5745MHz



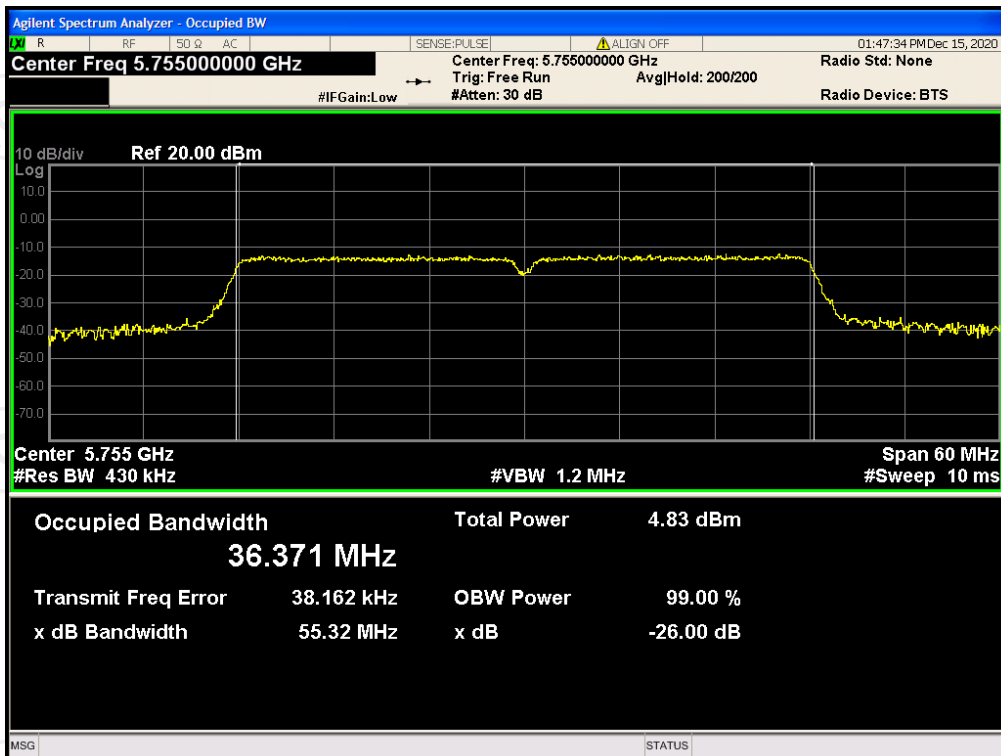
## OBW NVNT 802.11ac20 5785MHz



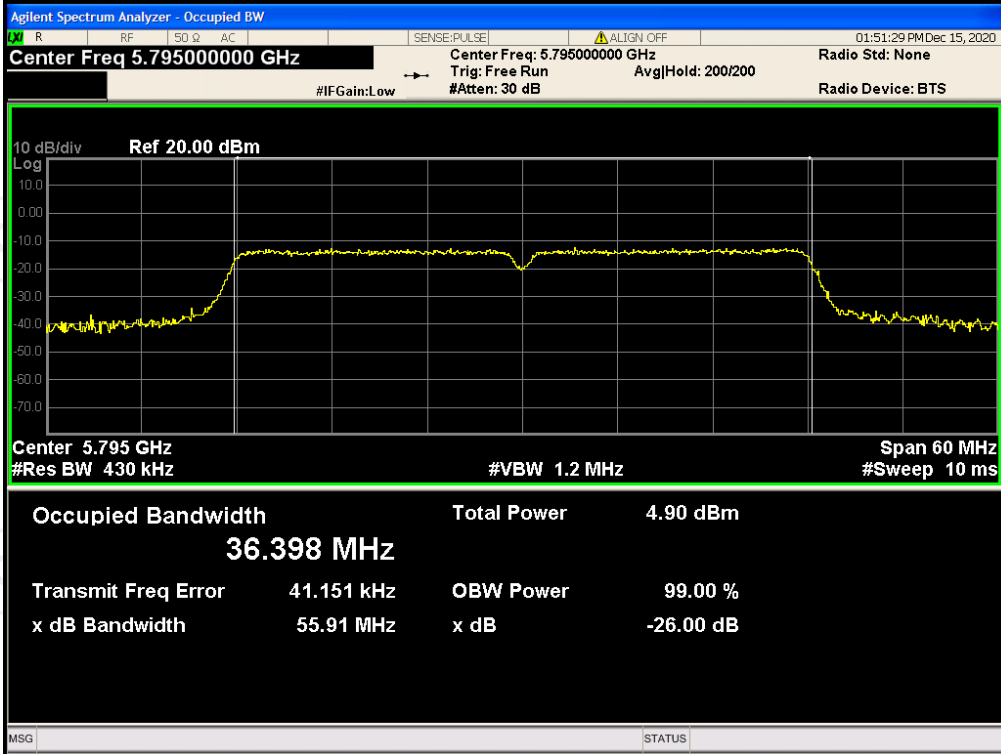
## OBW NVNT 802.11ac20 5825MHz



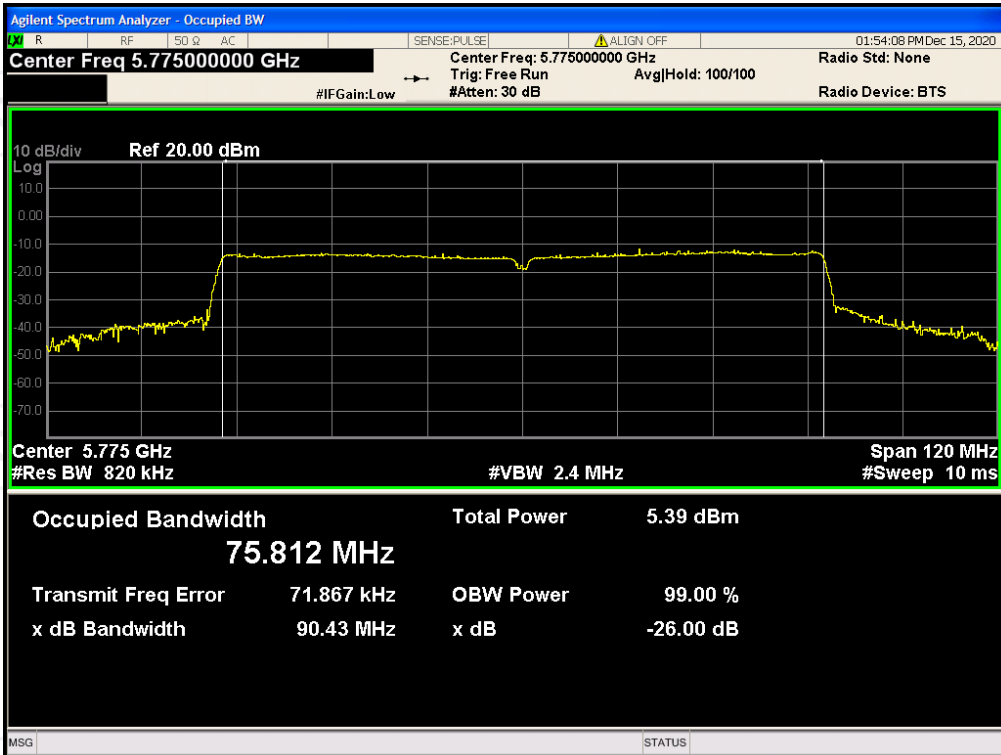
## OBW NVNT 802.11ac40 5755MHz



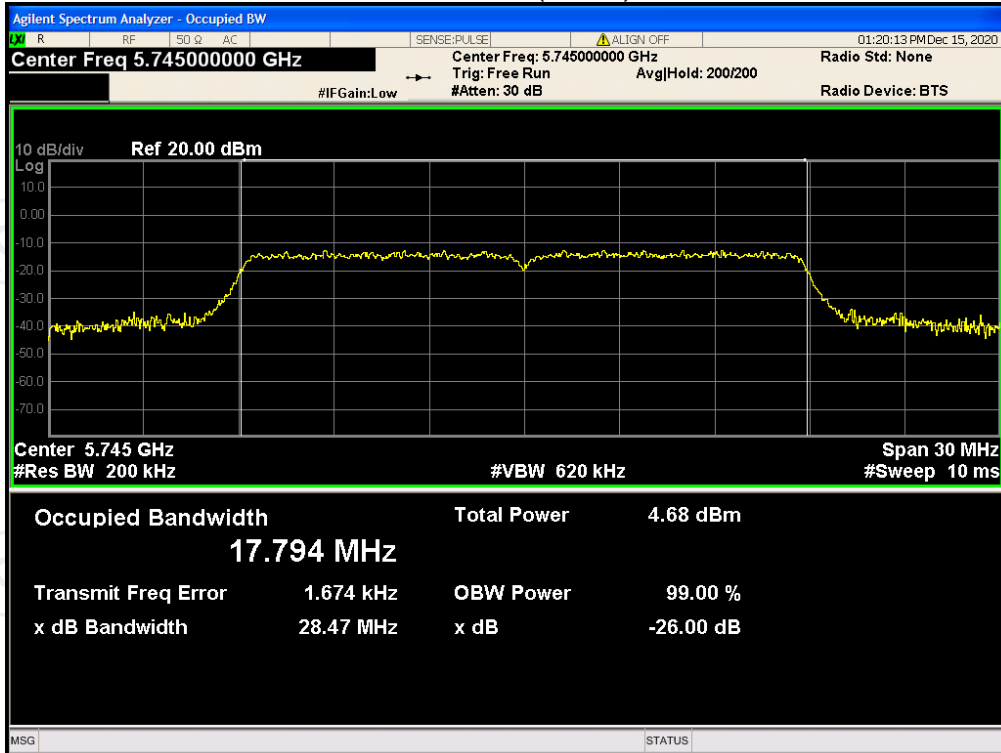
## OBW NVNT 802.11ac40 5795MHz



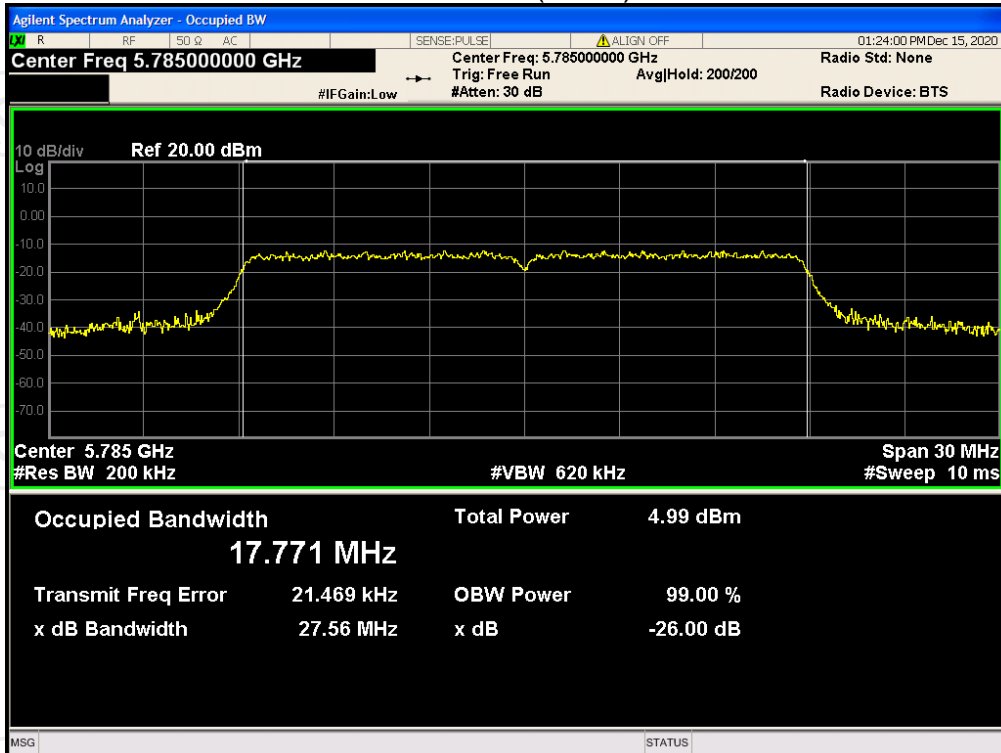
## OBW NVNT 802.11ac80 5775MHz



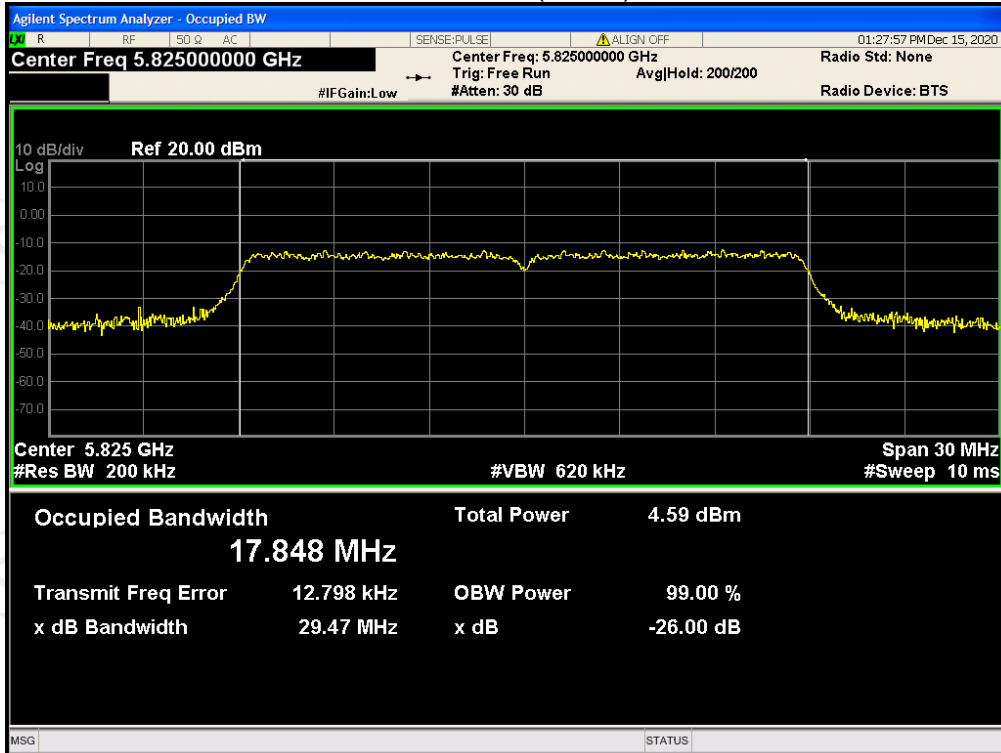
## OBW NVNT 802.11n(HT20) 5745MHz



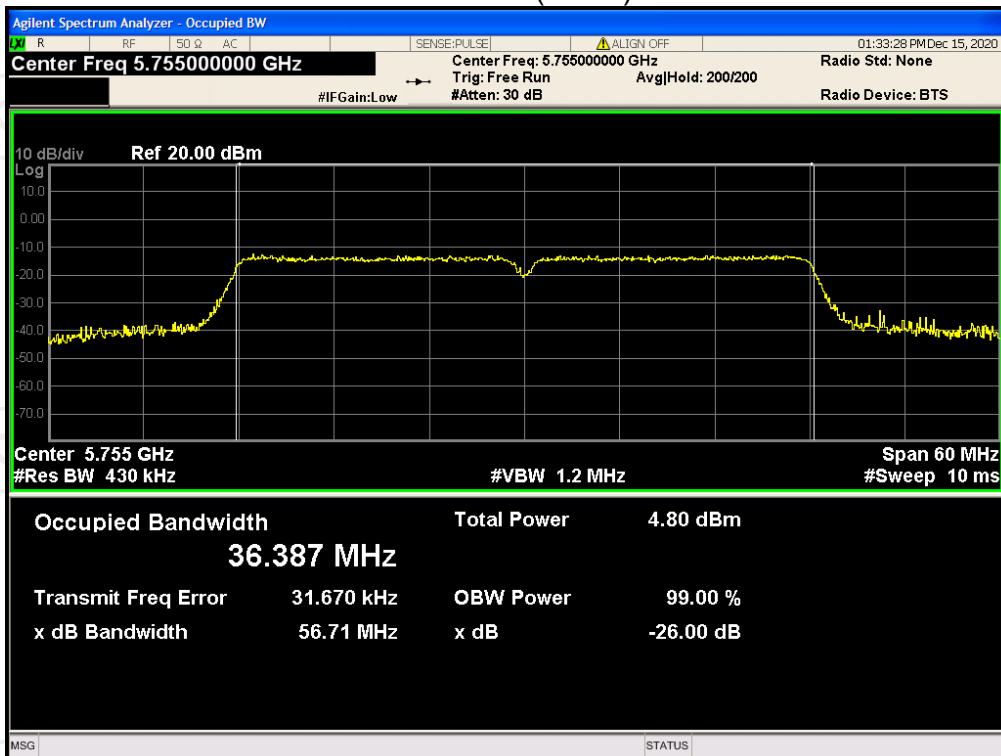
## OBW NVNT 802.11n(HT20) 5785MHz



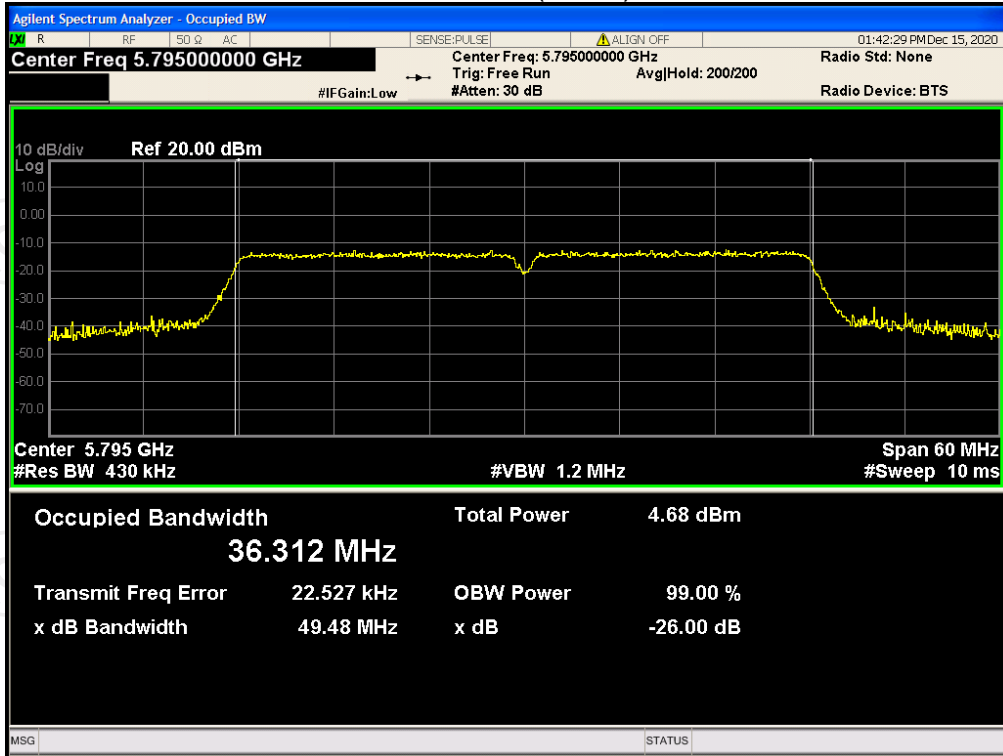
## OBW NVNT 802.11n(HT20) 5825MHz



## OBW NVNT 802.11n(HT40) 5755MHz



OBW NVNT 802.11n(HT40) 5795MHz



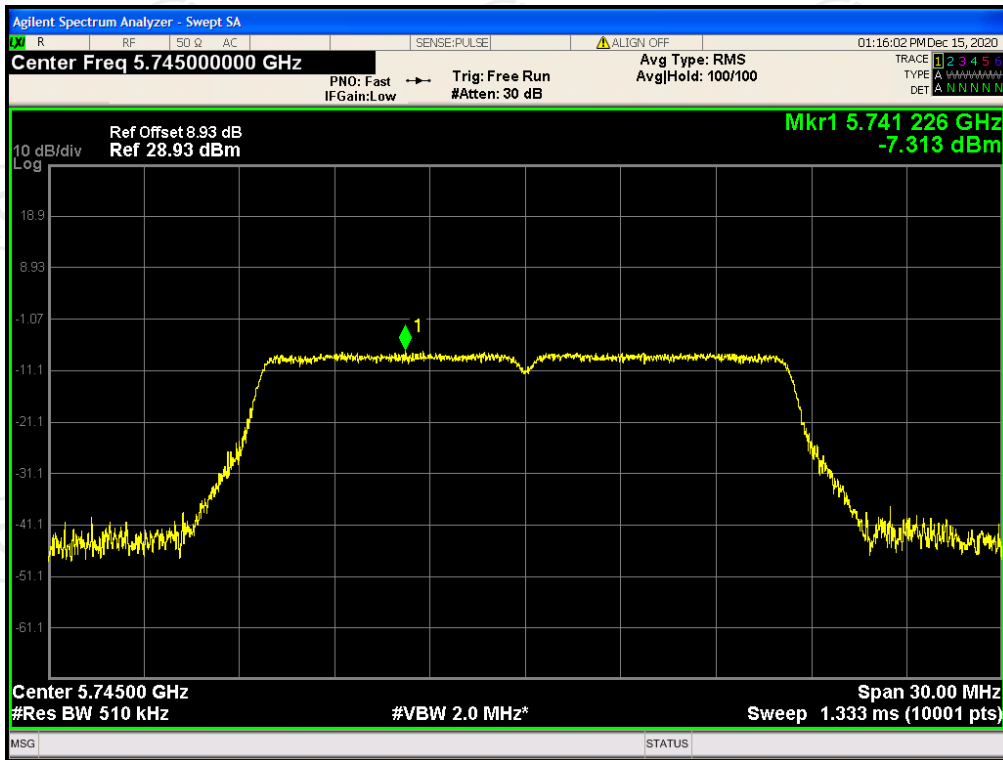
**Maximum Power Spectral Density Level**

Mode	Frequency (MHz)	Max PSD (510kHz)(dBm)	Max PSD (500kHz)(dBm)	Duty Cycle Factor(dB)	Result (dBm)	Limit (dBm)	Verdict
802.11a	5745	-7.313	-7.399	0	-7.399	30	Pass
802.11a	5785	-7.941	-8.027	0	-8.027	30	Pass
802.11a	5825	-8.185	-8.271	0	-8.271	30	Pass
802.11ac20	5745	-8.539	-8.625	0	-8.625	30	Pass
802.11ac20	5785	-8.049	-8.135	0	-8.135	30	Pass
802.11ac20	5825	-8.437	-8.523	0	-8.523	30	Pass
802.11ac40	5755	-11.898	-11.984	0	-11.984	30	Pass
802.11ac40	5795	-11.191	-11.277	0	-11.277	30	Pass
802.11ac80	5775	-14.325	-14.411	0	-14.411	30	Pass
802.11n(HT20)	5745	-8.116	-8.202	0	-8.202	30	Pass
802.11n(HT20)	5785	-8.114	-8.200	0	-8.200	30	Pass
802.11n(HT20)	5825	-8.182	-8.268	0	-8.268	30	Pass
802.11n(HT40)	5755	-11.807	-11.893	0	-11.893	30	Pass
802.11n(HT40)	5795	-11.031	-11.117	0	-11.117	30	Pass

**Note:**

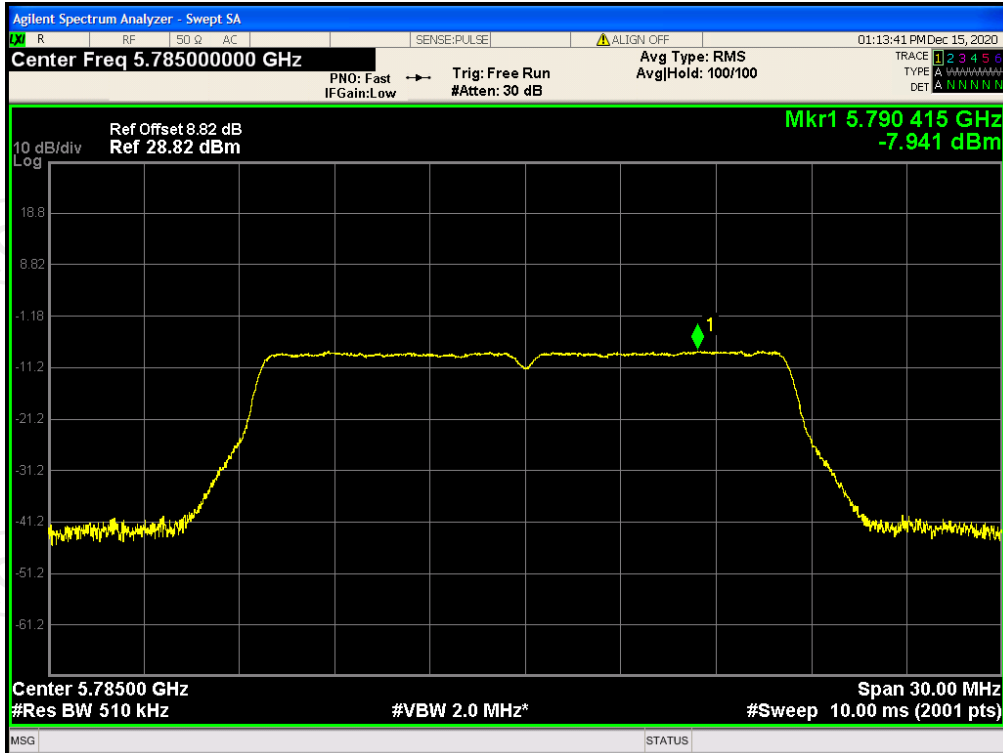
Compensate 10dB is for Exchange rate of RBW  
 $Exchange\ rate\ of\ RBW = 10 * \log_{10}(500KHz / RBW\ at\ measurement) \approx -0.086[dB]$   
 where Reference bandwidth = 510 KHz

PSD NVNT 802.11a 5745MHz

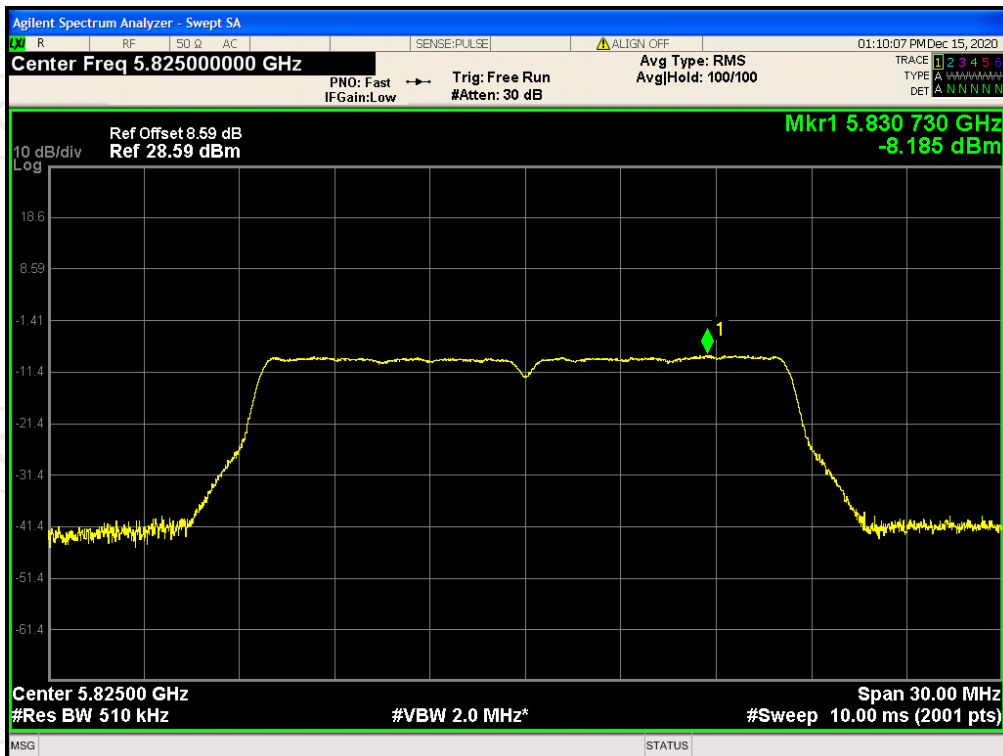




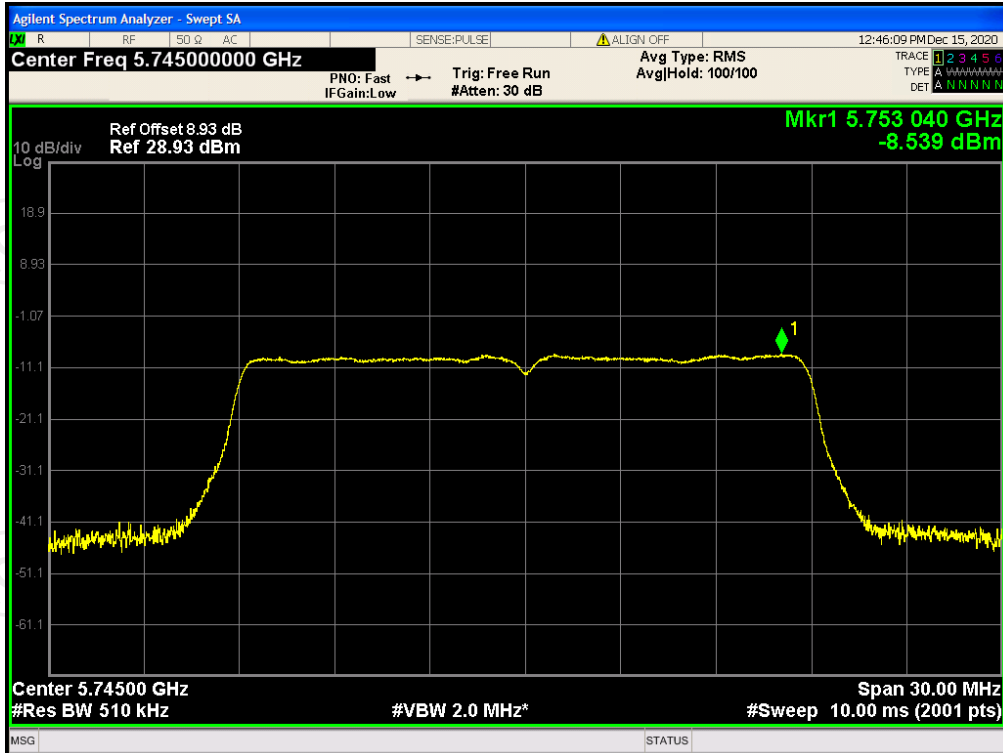
## PSD NVNT 802.11a 5785MHz



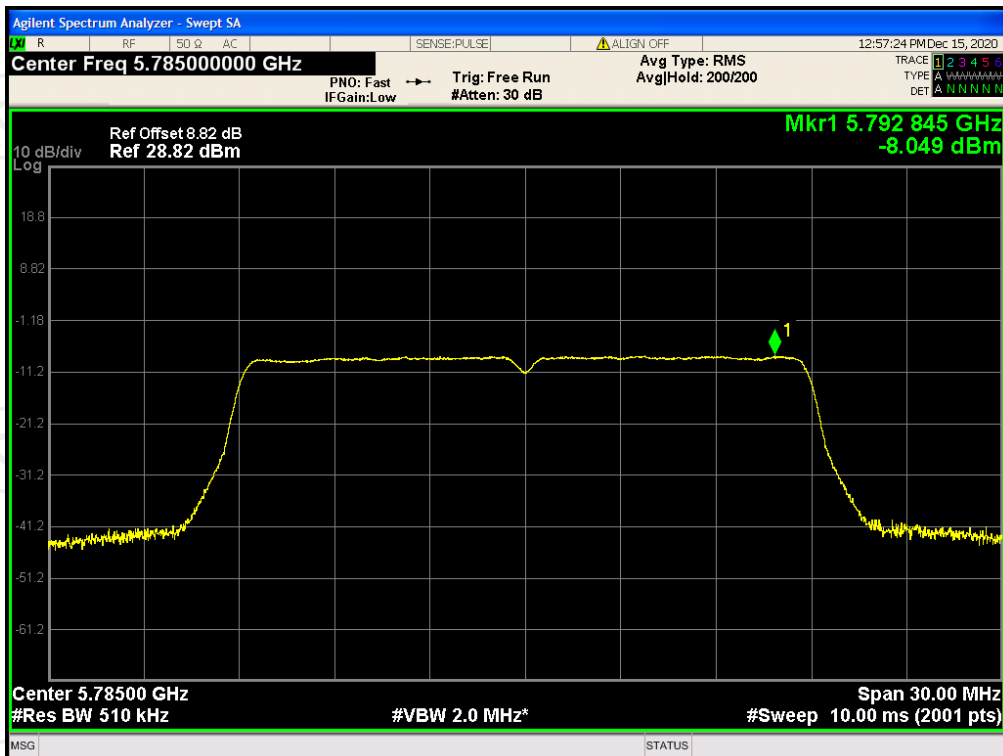
## PSD NVNT 802.11a 5825MHz



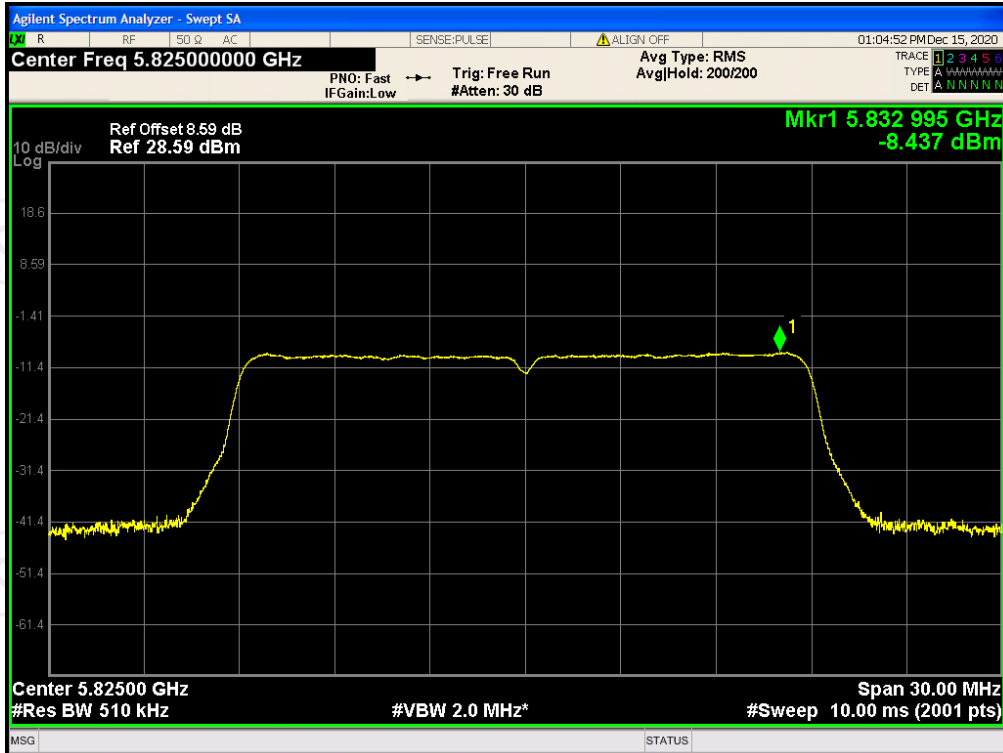
## PSD NVNT 802.11ac20 5745MHz



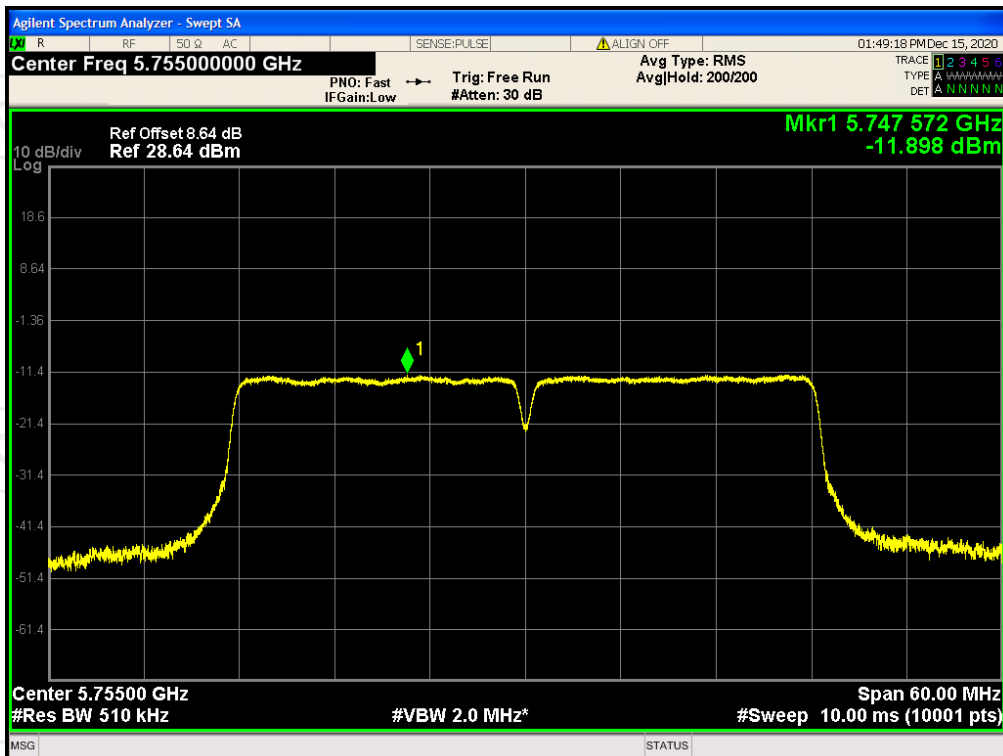
## PSD NVNT 802.11ac20 5785MHz



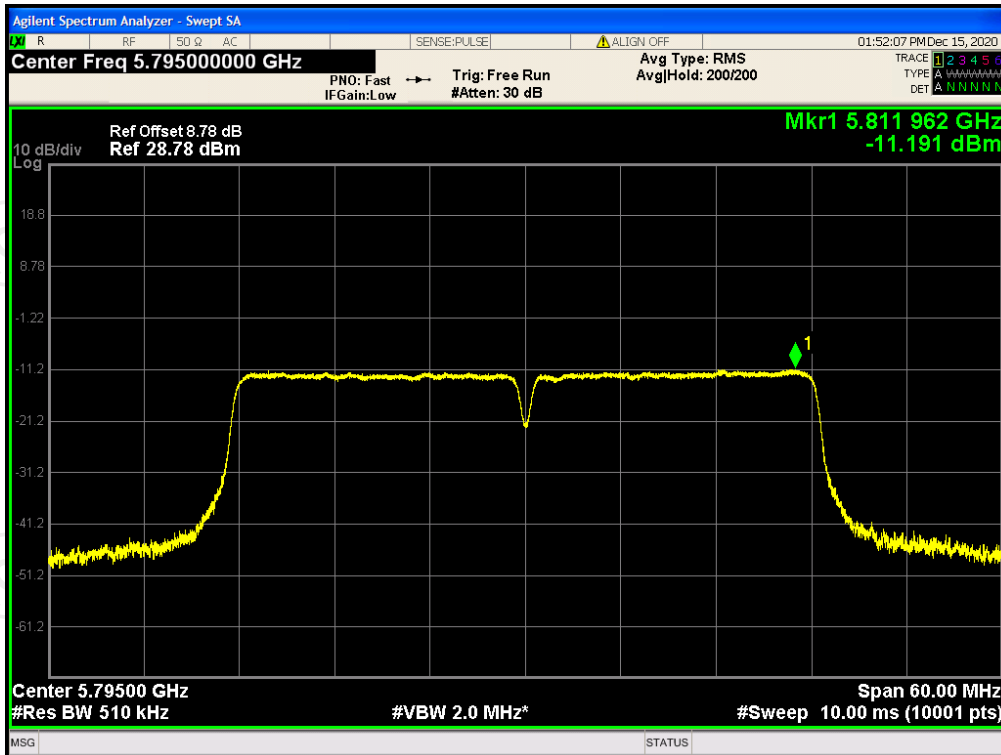
## PSD NVNT 802.11ac20 5825MHz



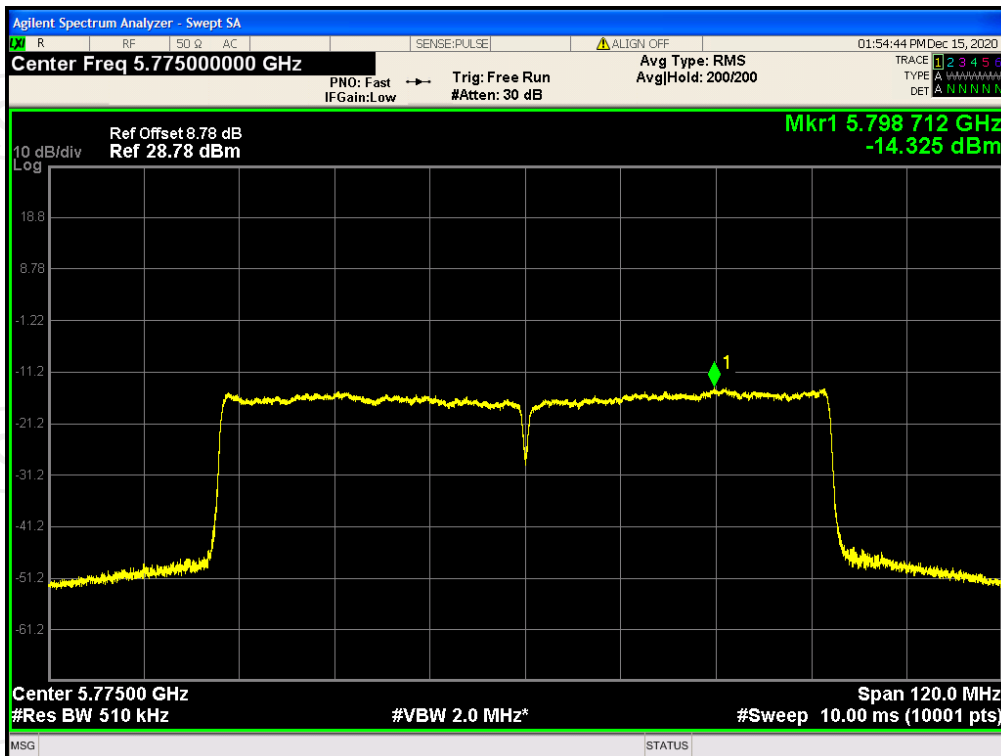
## PSD NVNT 802.11ac40 5755MHz



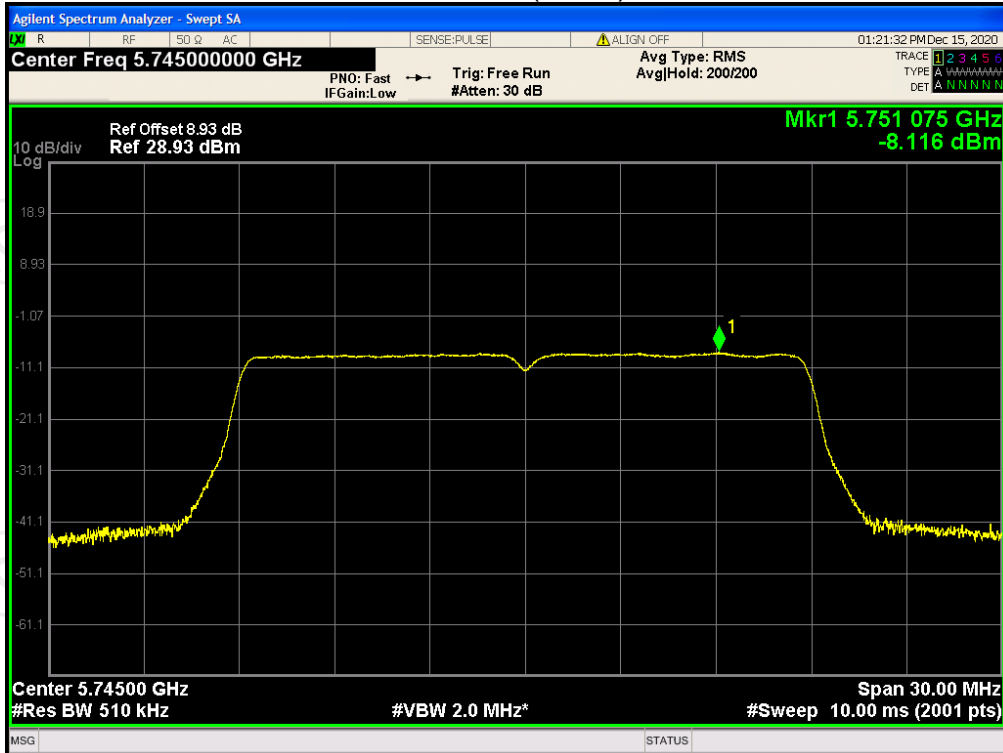
## PSD NVNT 802.11ac40 5795MHz



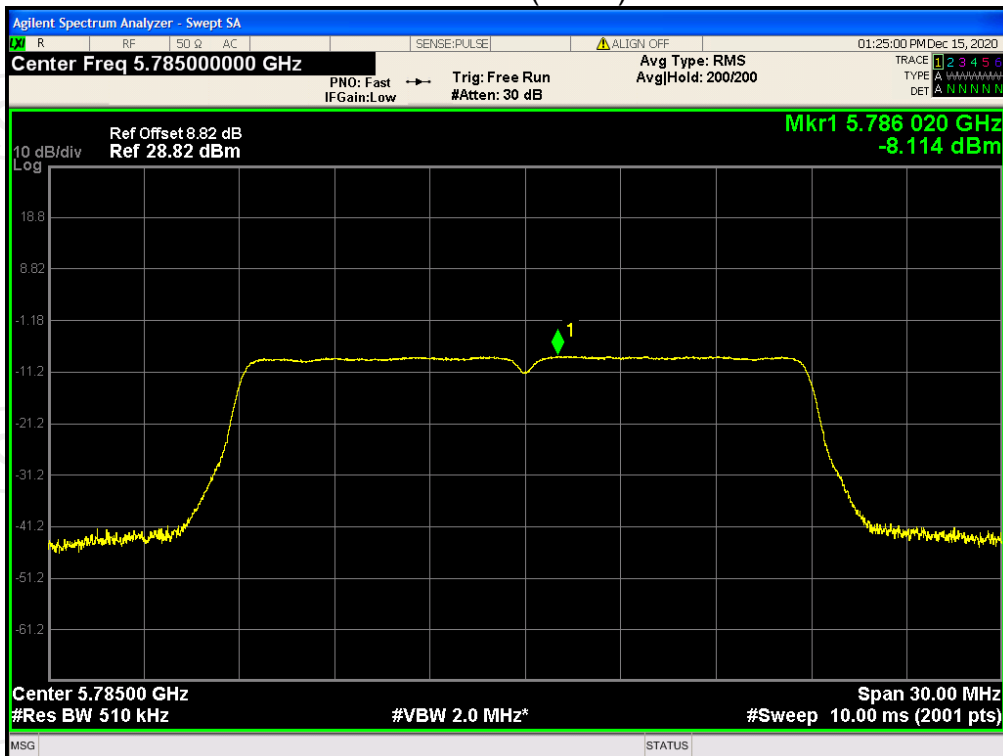
## PSD NVNT 802.11ac80 5775MHz



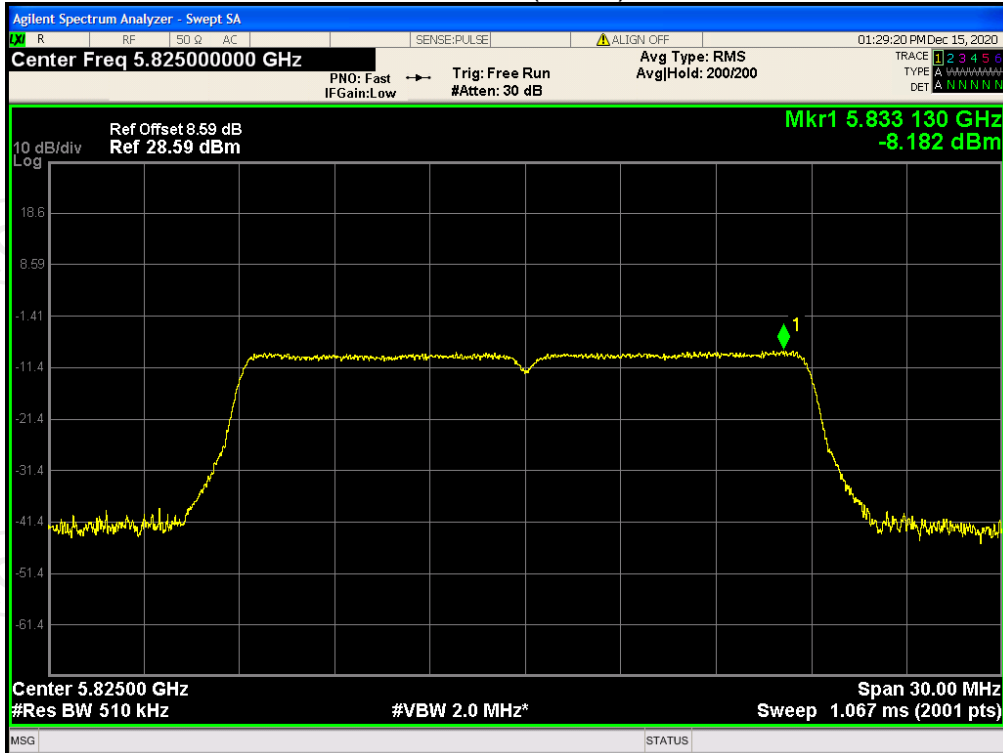
## PSD NVNT 802.11n(HT20) 5745MHz



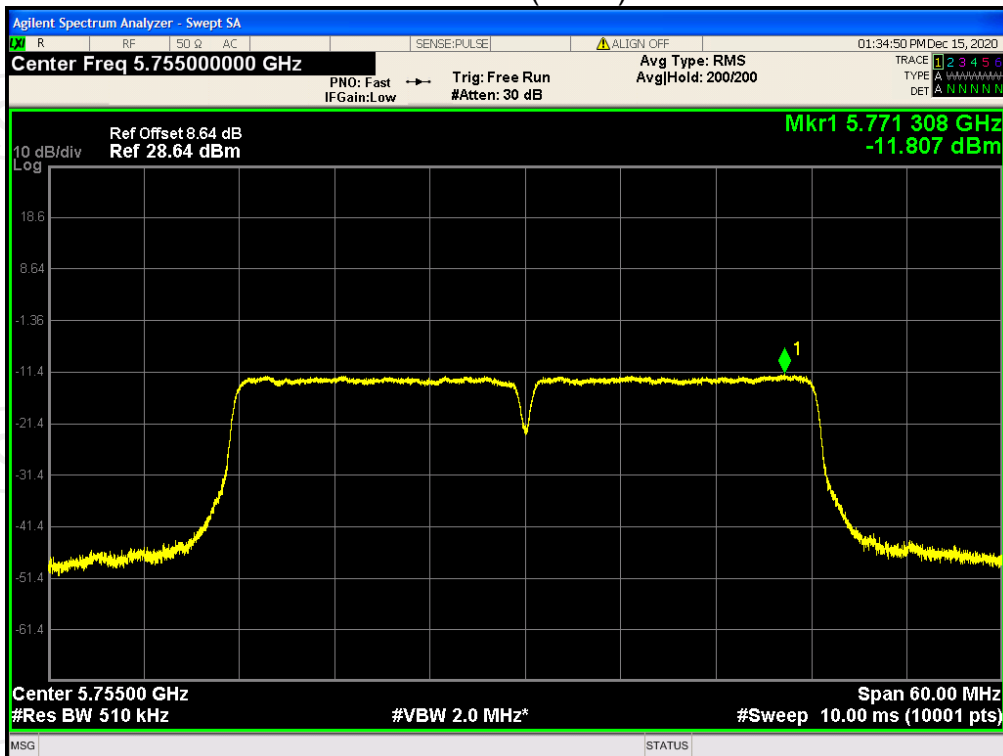
## PSD NVNT 802.11n(HT20) 5785MHz



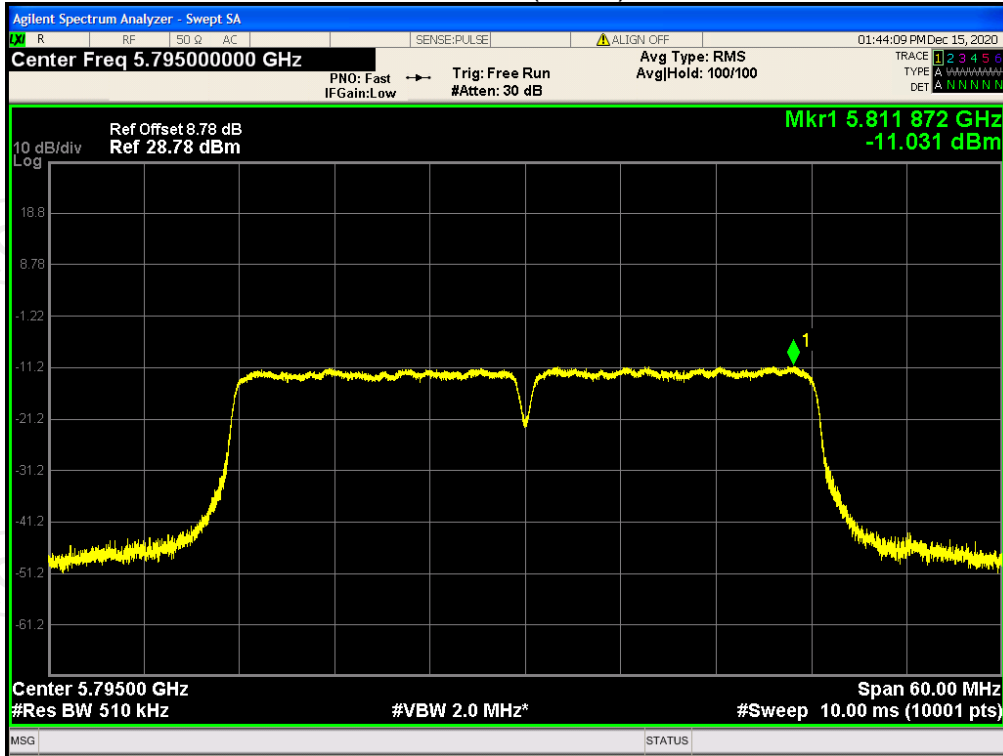
## PSD NVNT 802.11n(HT20) 5825MHz



## PSD NVNT 802.11n(HT40) 5755MHz



## PSD NVNT 802.11n(HT40) 5795MHz



## Appendix B: Photographs of Test Setup

Refer to the test report No. TCT201119E006

## Appendix C: Photographs of EUT

Refer to the test report No. TCT201119E006

**\*\*\*\*\*END OF REPORT\*\*\*\*\***