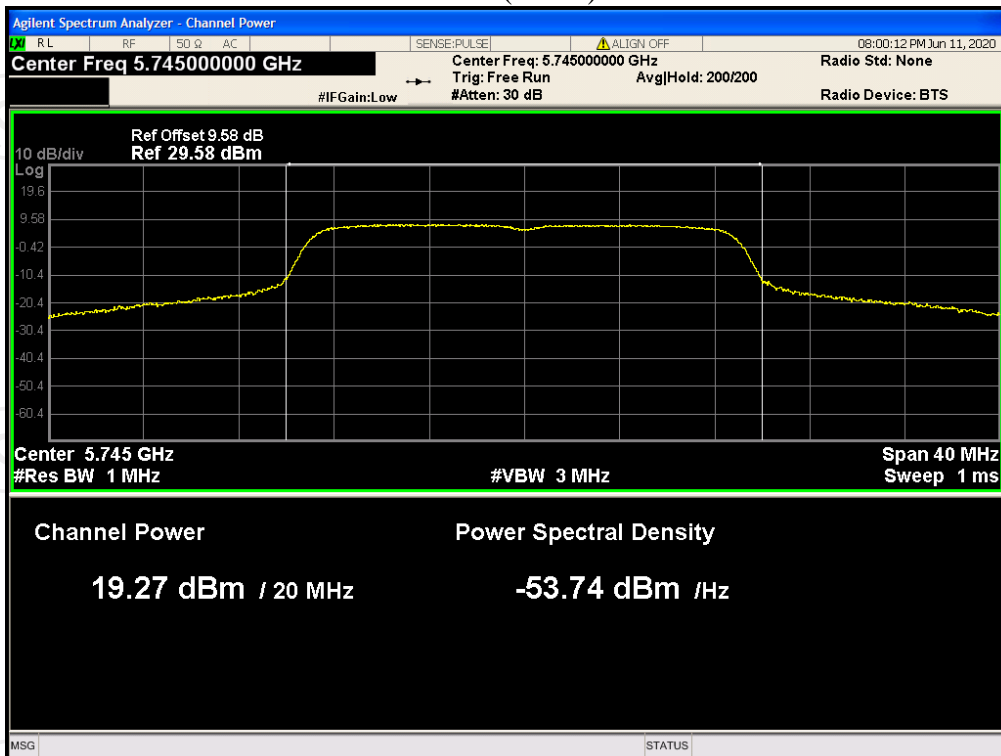
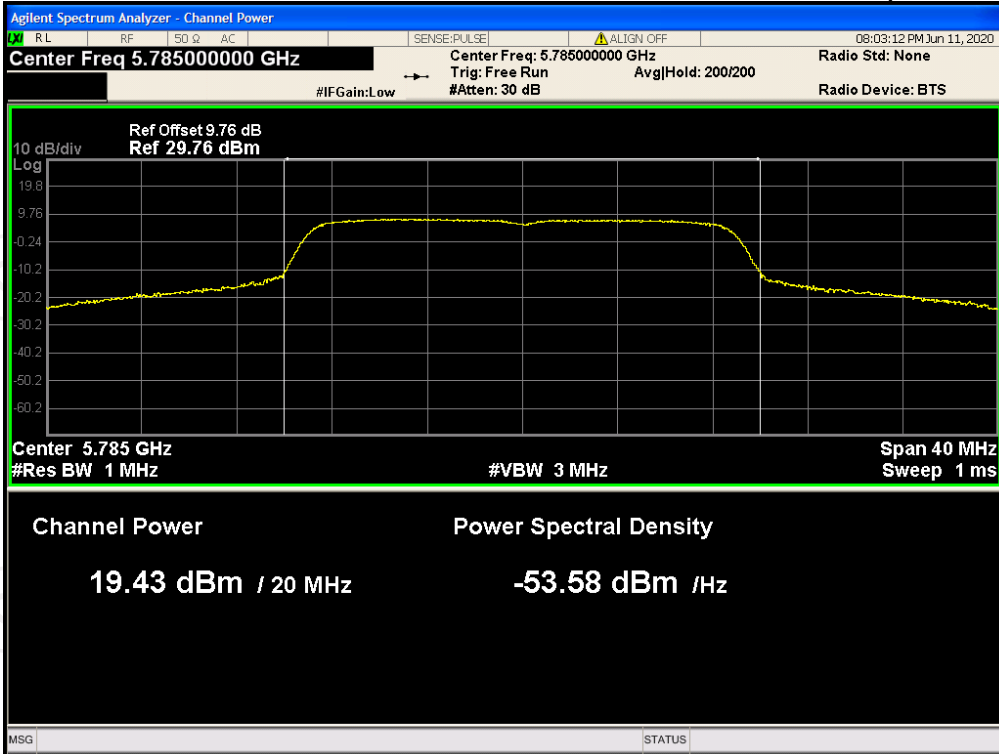


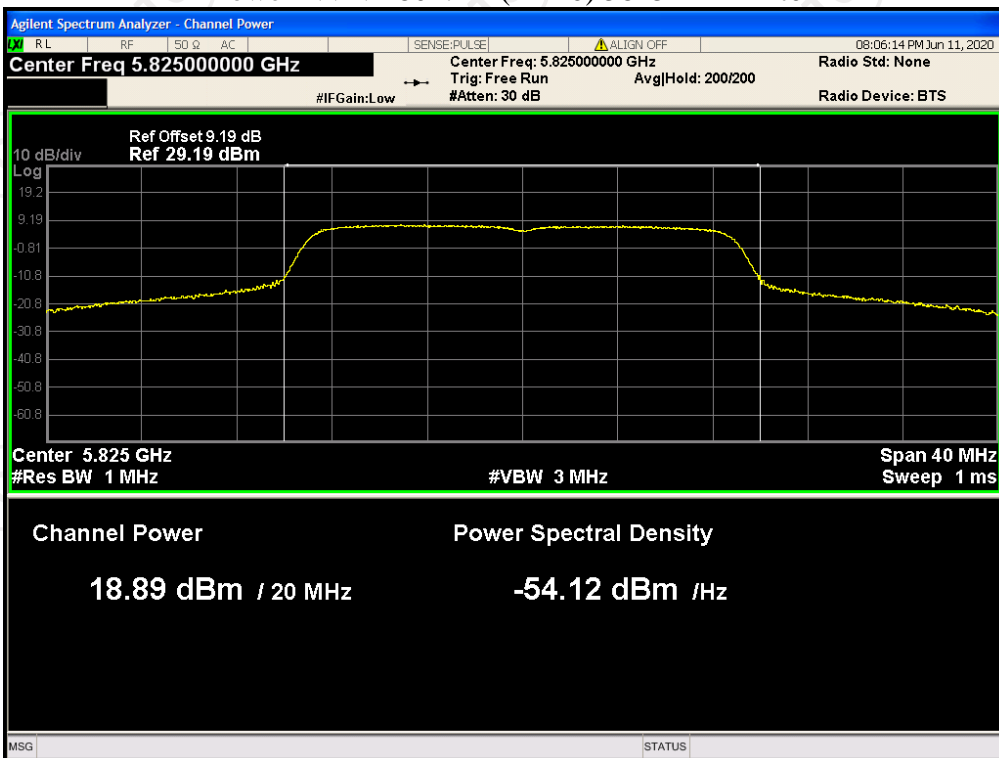
Power NVNT 802.11n(HT20) 5745MHz Ant0



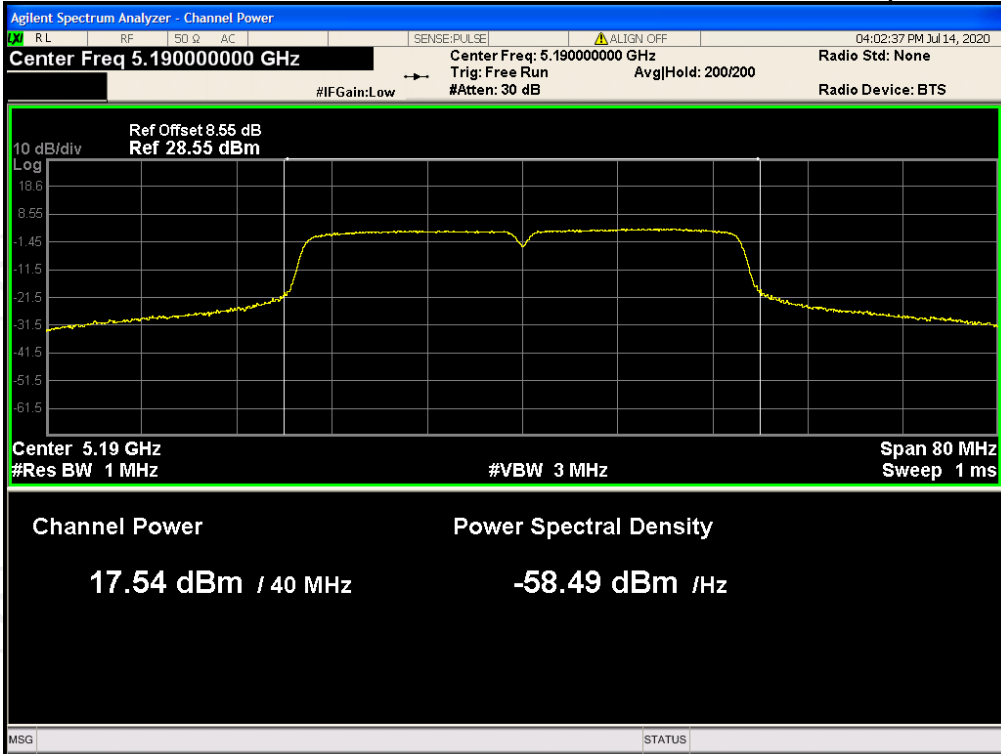
Power NVNT 802.11n(HT20) 5785MHz Ant0



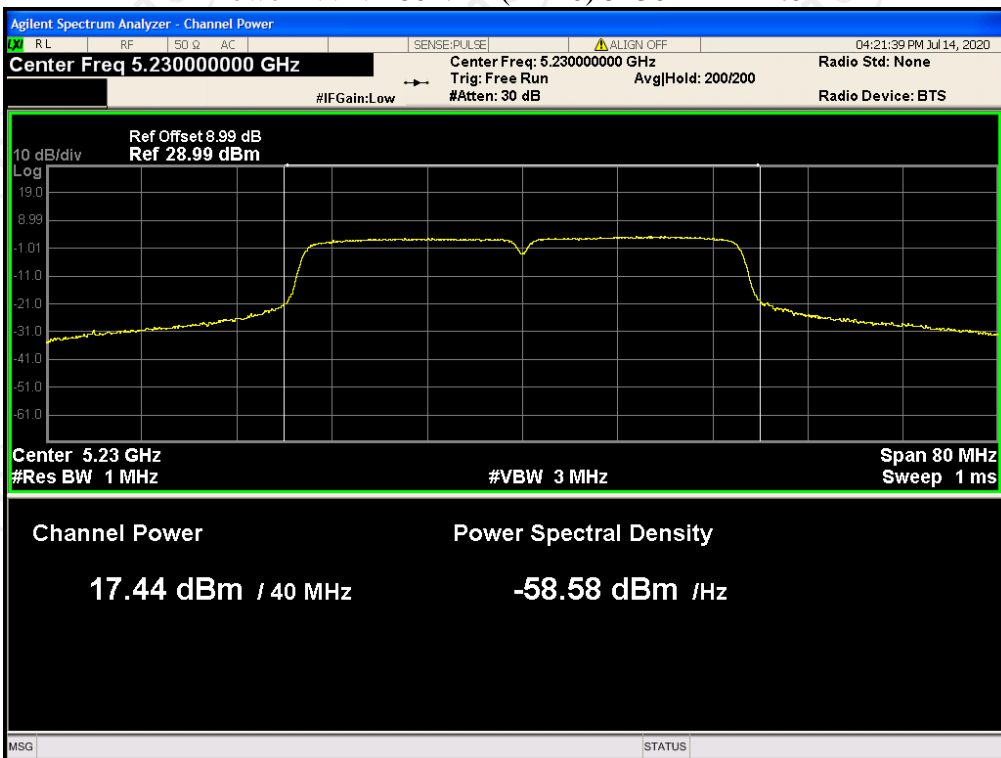
Power NVNT 802.11n(HT20) 5825MHz Ant0



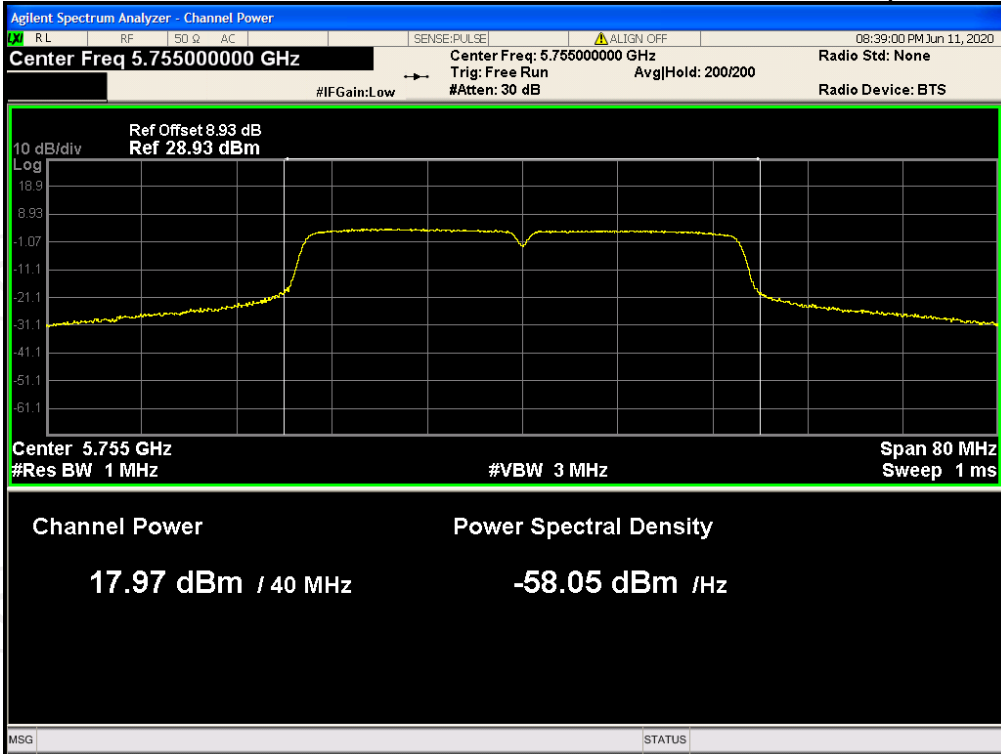
Power NVNT 802.11n(HT40) 5190MHz Ant0



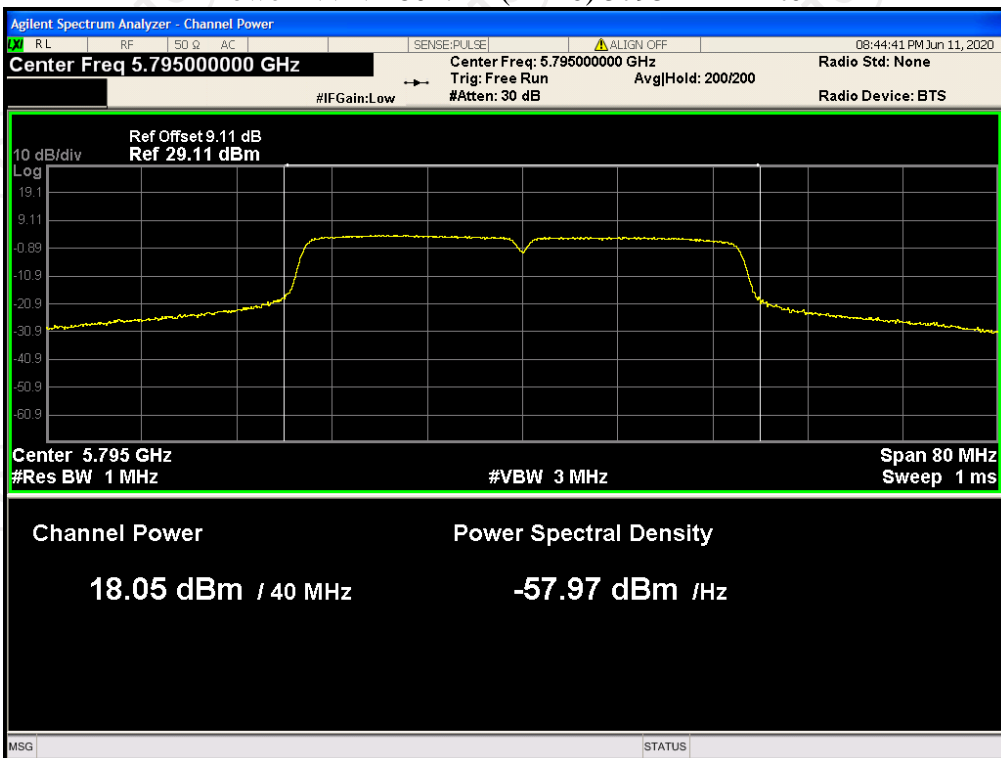
Power NVNT 802.11n(HT40) 5230MHz Ant0



Power NVNT 802.11n(HT40) 5755MHz Ant0



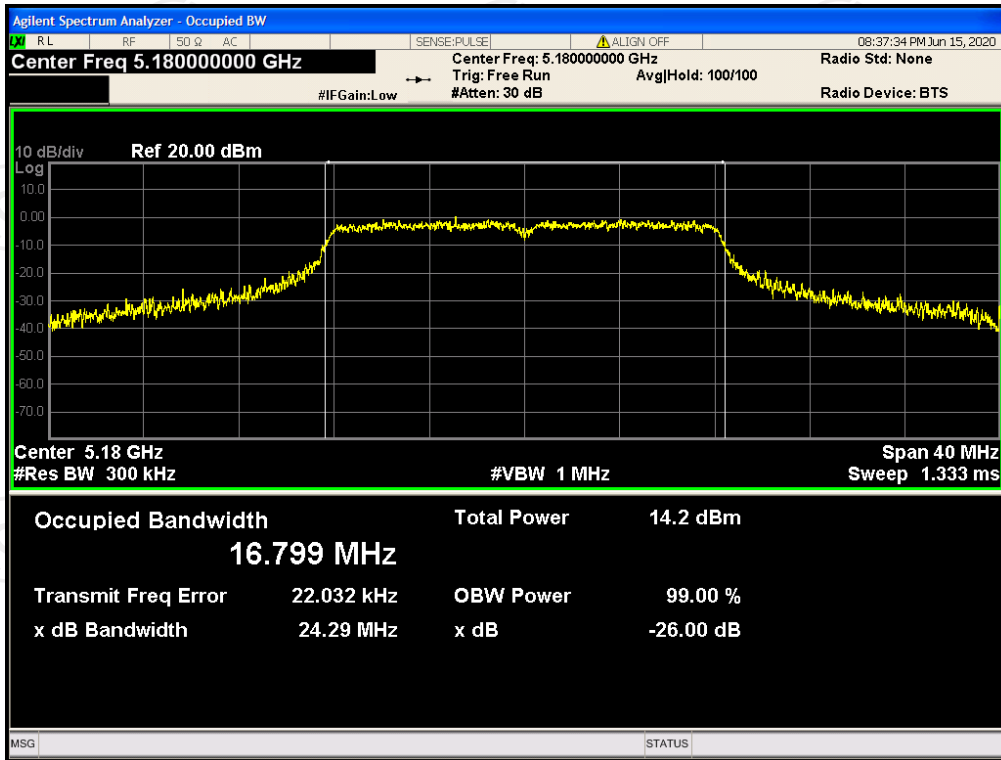
Power NVNT 802.11n(HT40) 5795MHz Ant0



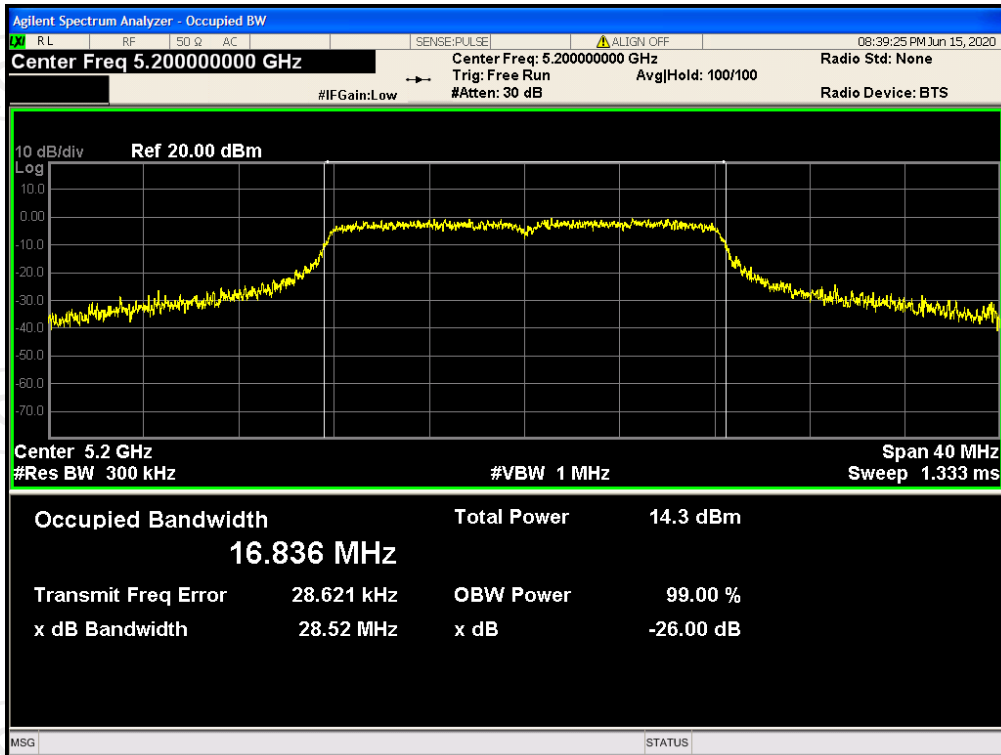
### Occupied Channel Bandwidth

Condition	Mode	Frequency (MHz)	Antenna	99% OBW (MHz)	-26 dB Bandwidth (MHz)
NVNT	802.11a	5180	Ant0	16.799	24.29
NVNT	802.11a	5200	Ant0	16.836	28.52
NVNT	802.11a	5240	Ant0	16.986	28.23
NVNT	802.11a	5745	Ant0	17.469	/
NVNT	802.11a	5785	Ant0	17.936	/
NVNT	802.11a	5825	Ant0	17.444	/
NVNT	802.11n(HT20)	5180	Ant0	17.966	25.55
NVNT	802.11n(HT20)	5200	Ant0	17.943	26.91
NVNT	802.11n(HT20)	5240	Ant0	18.080	25.90
NVNT	802.11n(HT20)	5745	Ant0	18.549	/
NVNT	802.11n(HT20)	5785	Ant0	18.645	/
NVNT	802.11n(HT20)	5825	Ant0	18.759	/
NVNT	802.11n(HT40)	5190	Ant0	36.545	52.83
NVNT	802.11n(HT40)	5230	Ant0	36.727	49.86
NVNT	802.11n(HT40)	5755	Ant0	36.562	/
NVNT	802.11n(HT40)	5795	Ant0	36.575	/

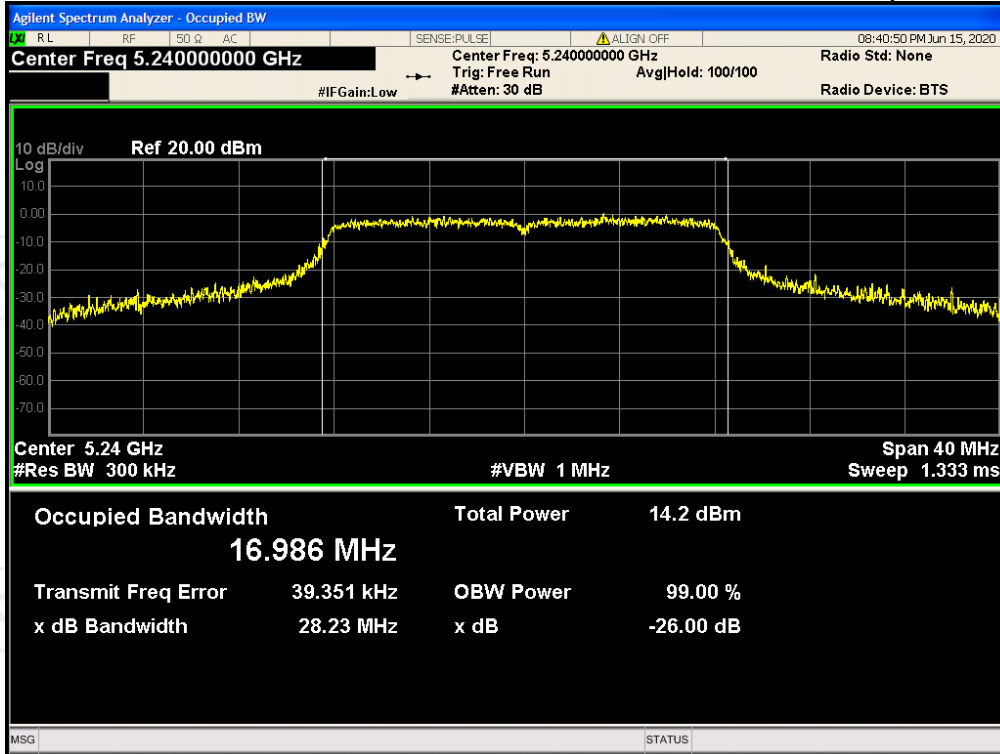
OBW NVNT 802.11a 5180MHz Ant0



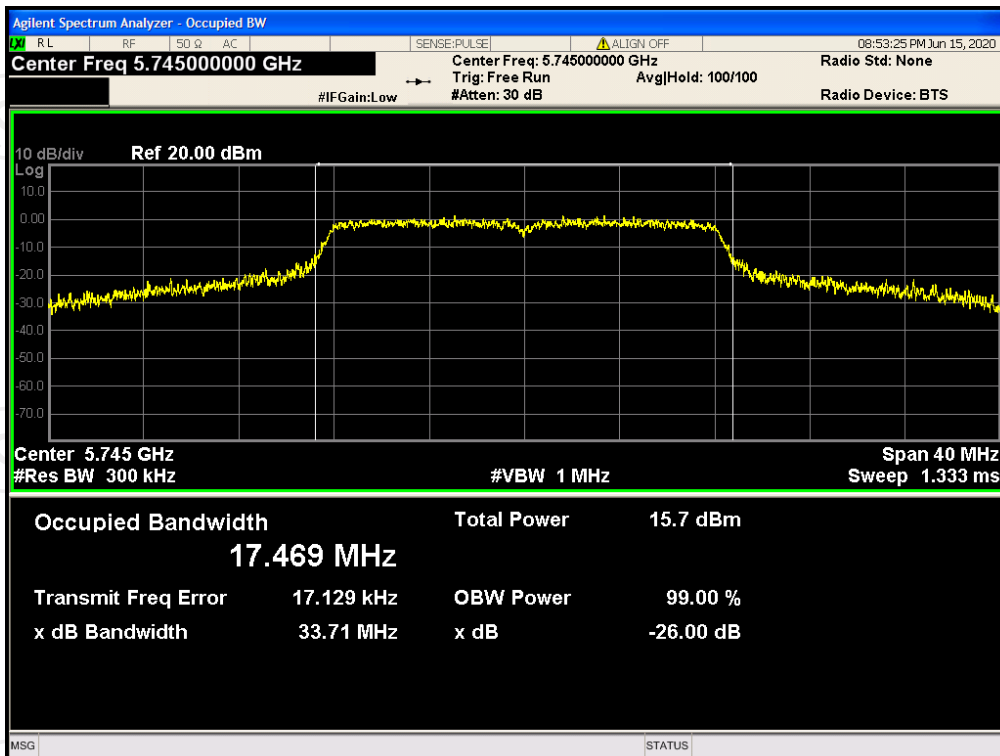
OBW NVNT 802.11a 5200MHz Ant0



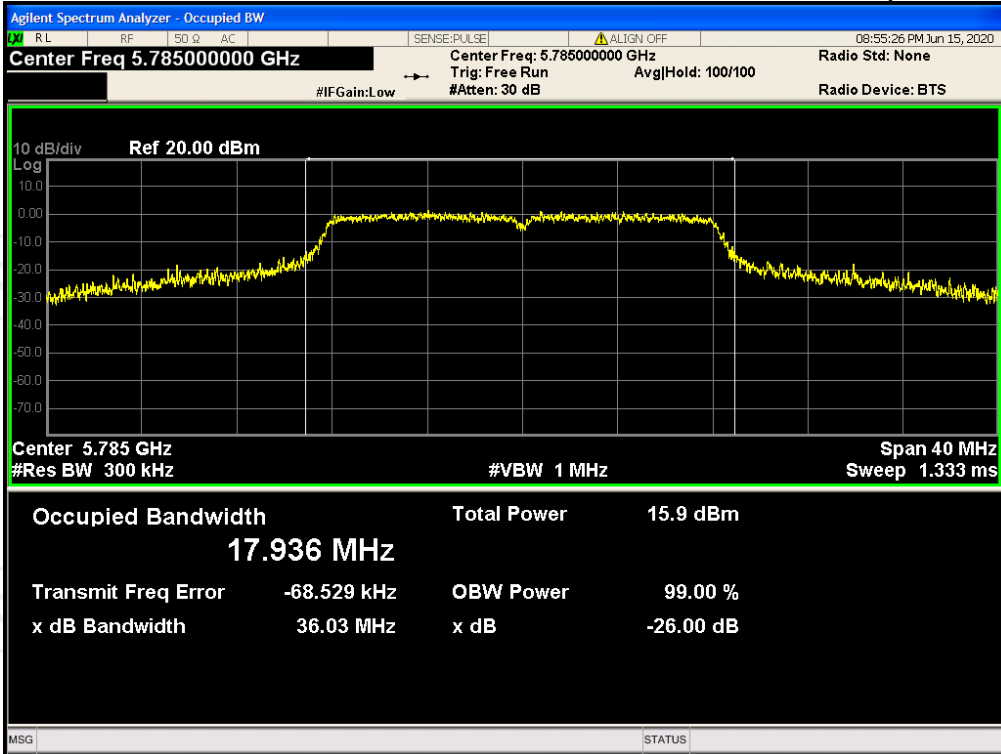
OBW NVNT 802.11a 5240MHz Ant0



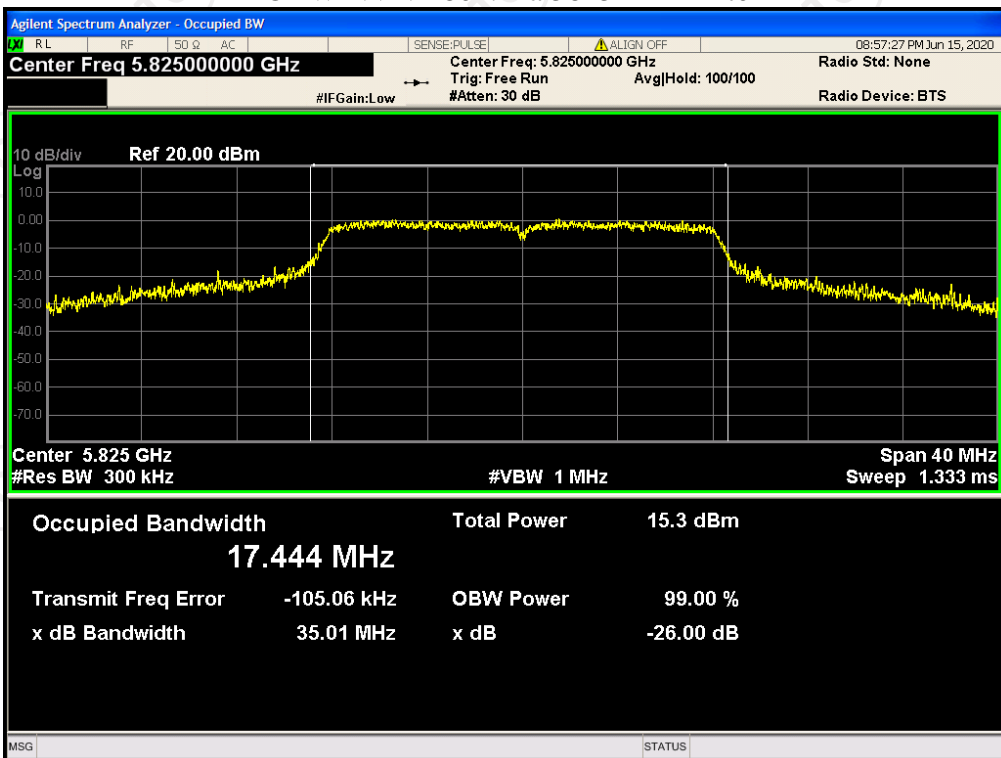
OBW NVNT 802.11a 5745MHz Ant0



OBW NVNT 802.11a 5785MHz Ant0

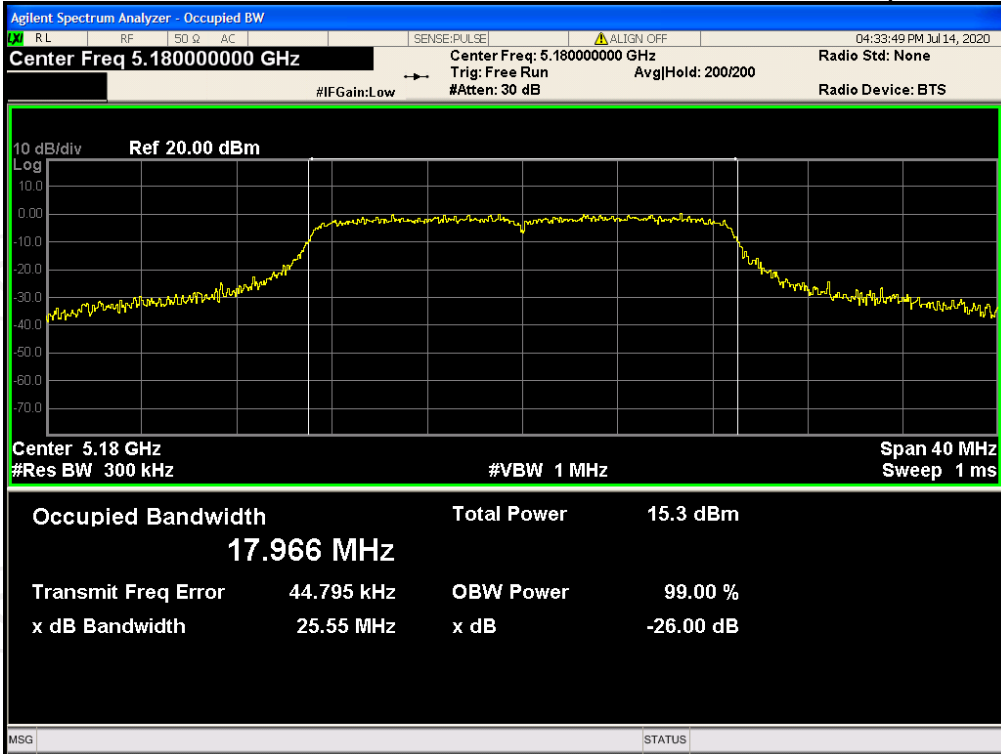


OBW NVNT 802.11a 5825MHz Ant0

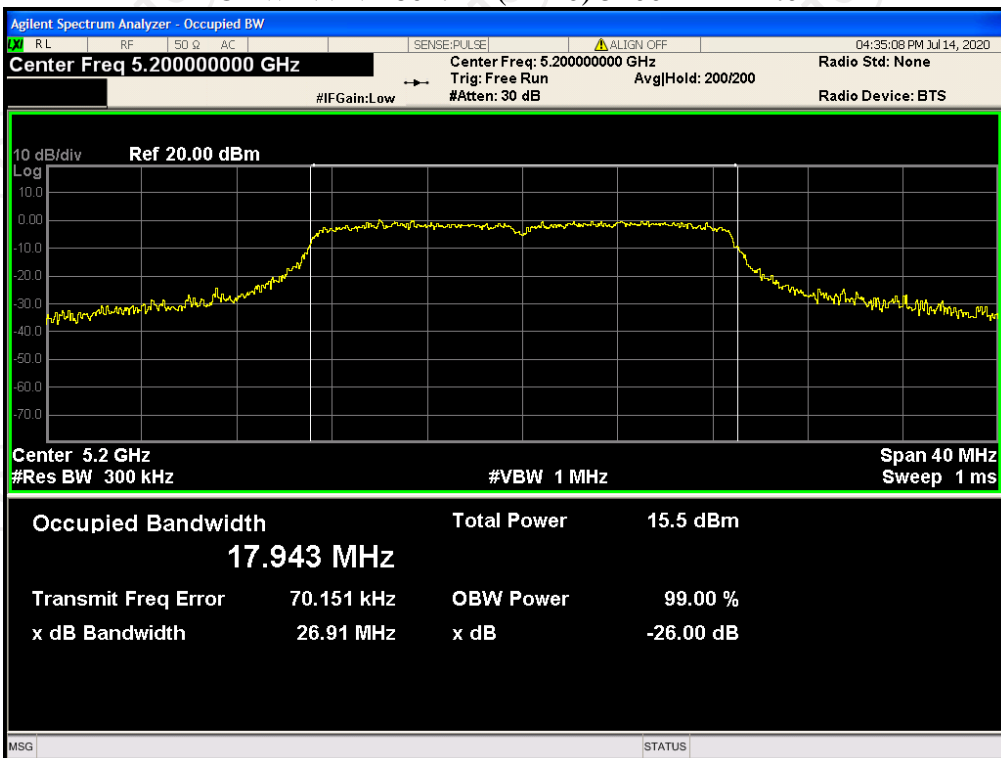


OBW NVNT 802.11n(HT20) 5180MHz Ant0

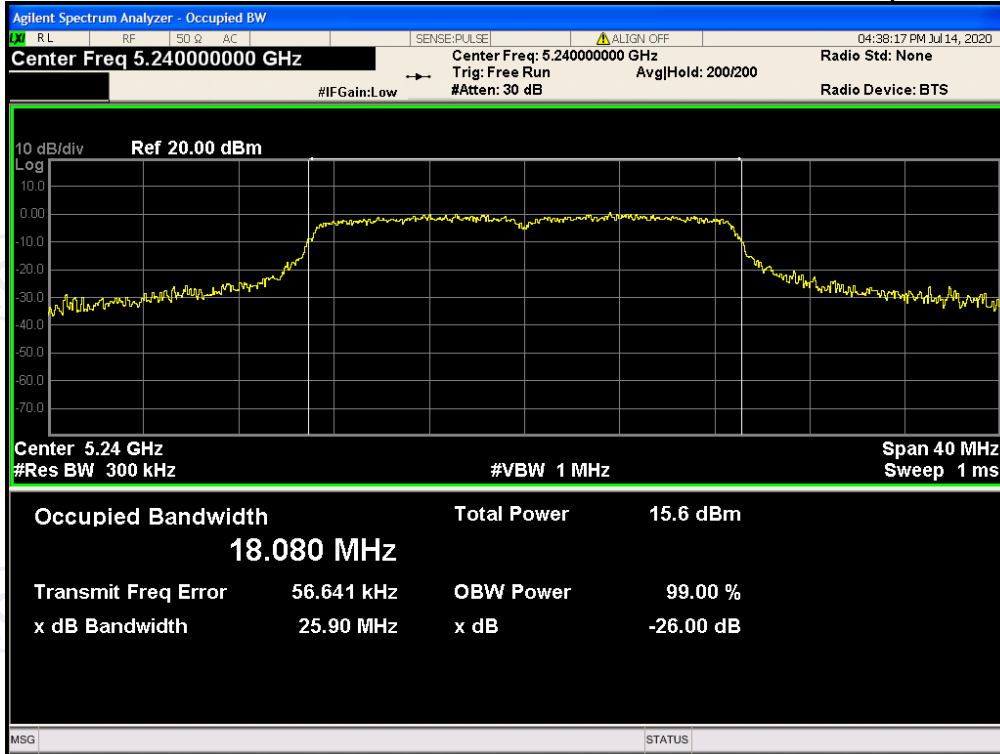




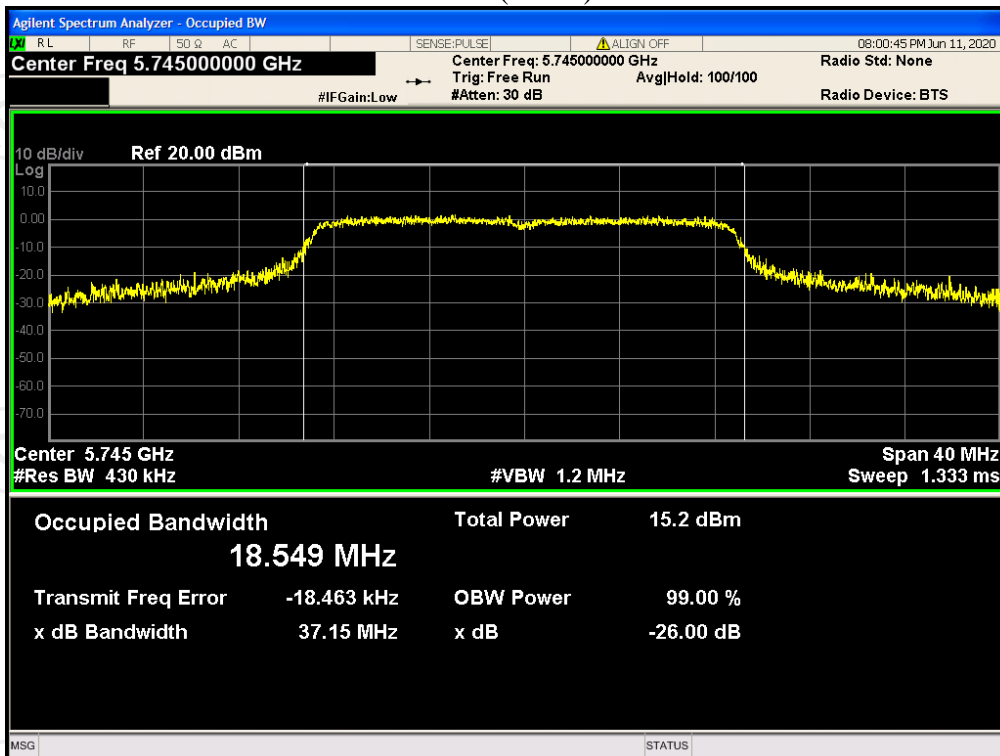
OBW NVNT 802.11n(HT20) 5200MHz Ant0



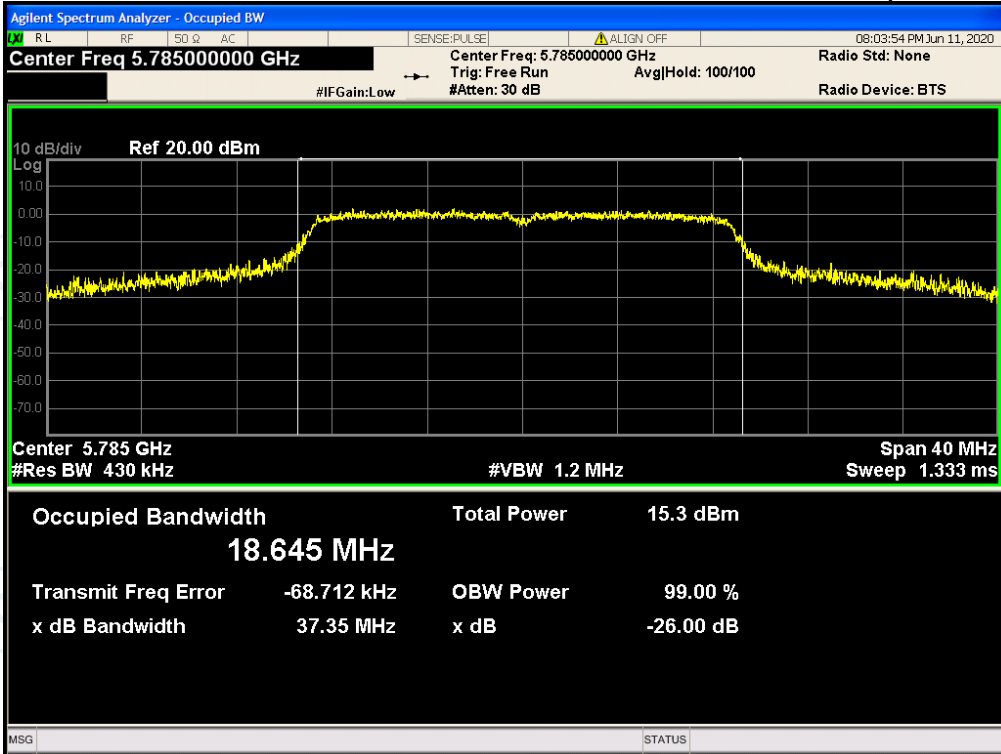
OBW NVNT 802.11n(HT20) 5240MHz Ant0



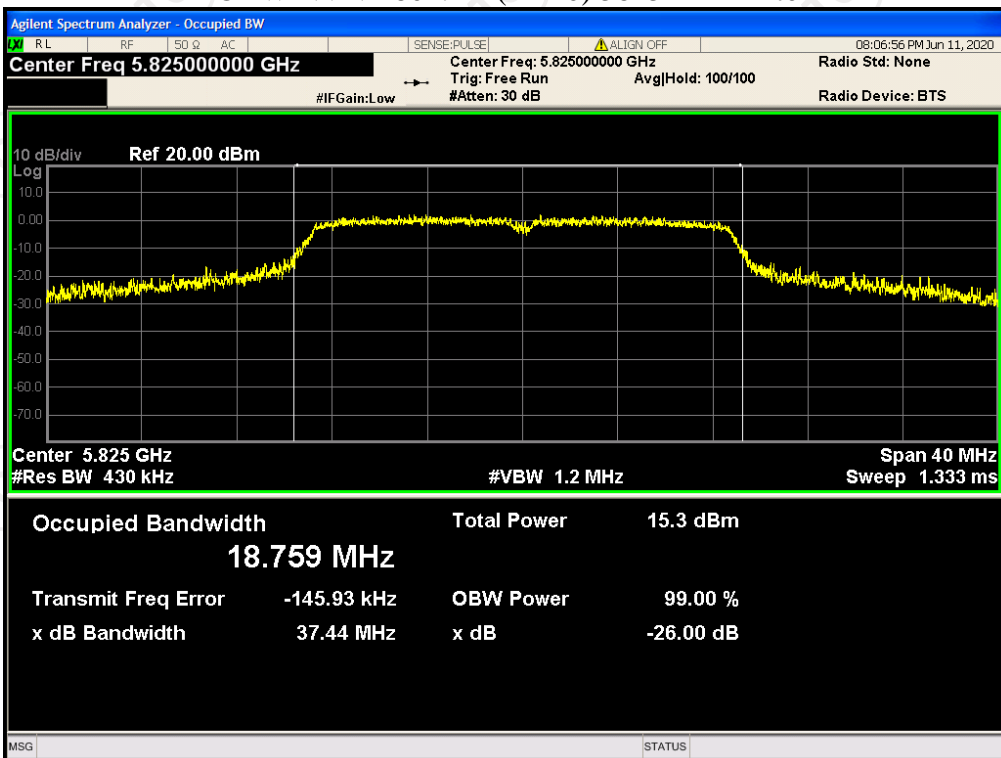
OBW NVNT 802.11n(HT20) 5745MHz Ant0



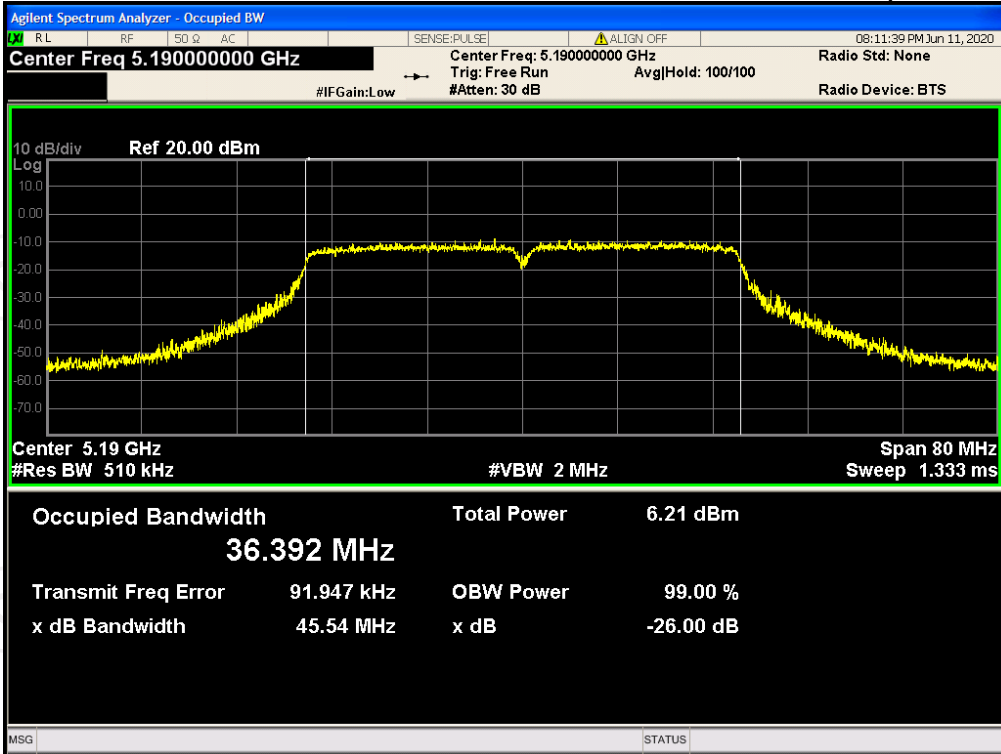
OBW NVNT 802.11n(HT20) 5785MHz Ant0



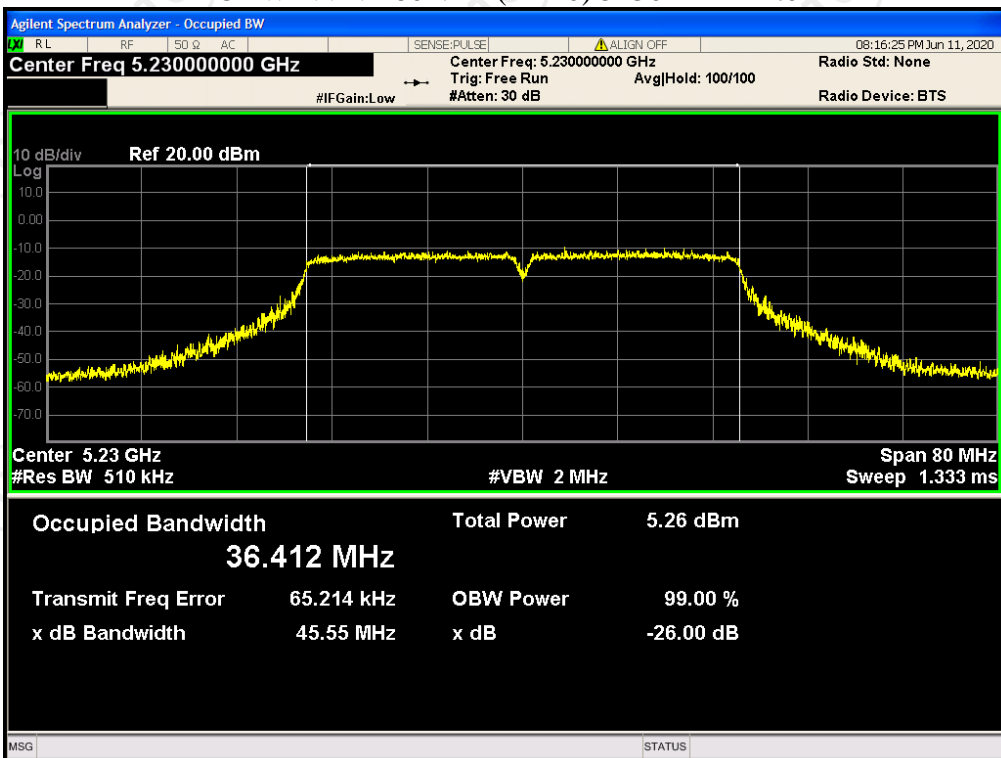
OBW NVNT 802.11n(HT20) 5825MHz Ant0



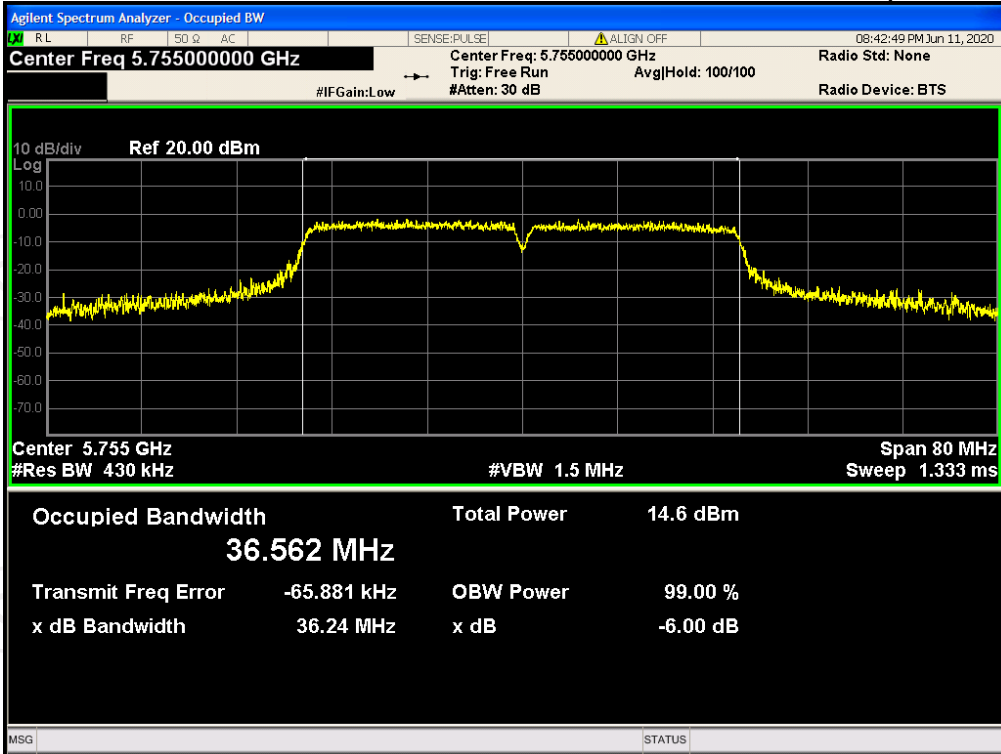
OBW NVNT 802.11n(HT40) 5190MHz Ant0



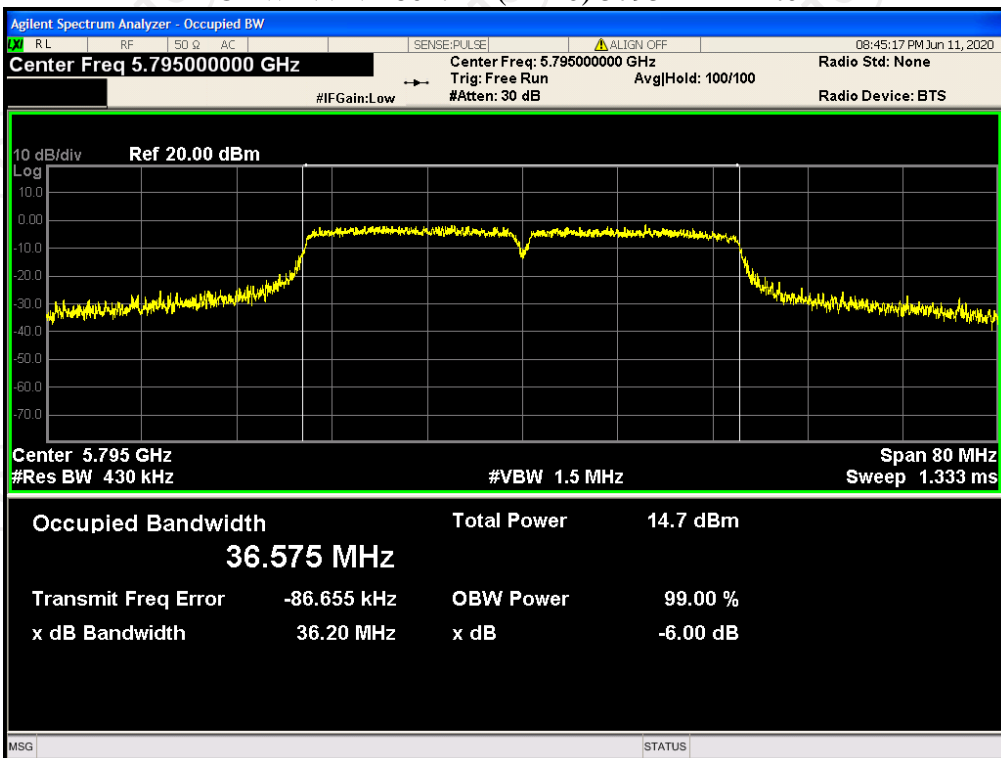
OBW NVNT 802.11n(HT40) 5230MHz Ant0



OBW NVNT 802.11n(HT40) 5755MHz Ant0



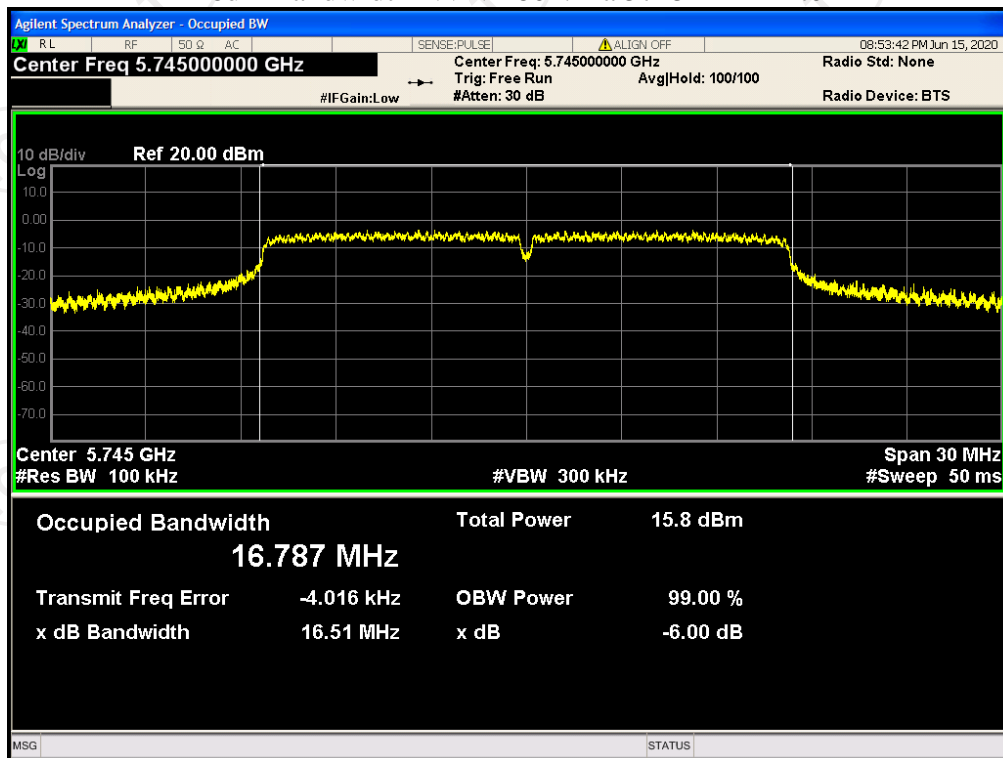
OBW NVNT 802.11n(HT40) 5795MHz Ant0



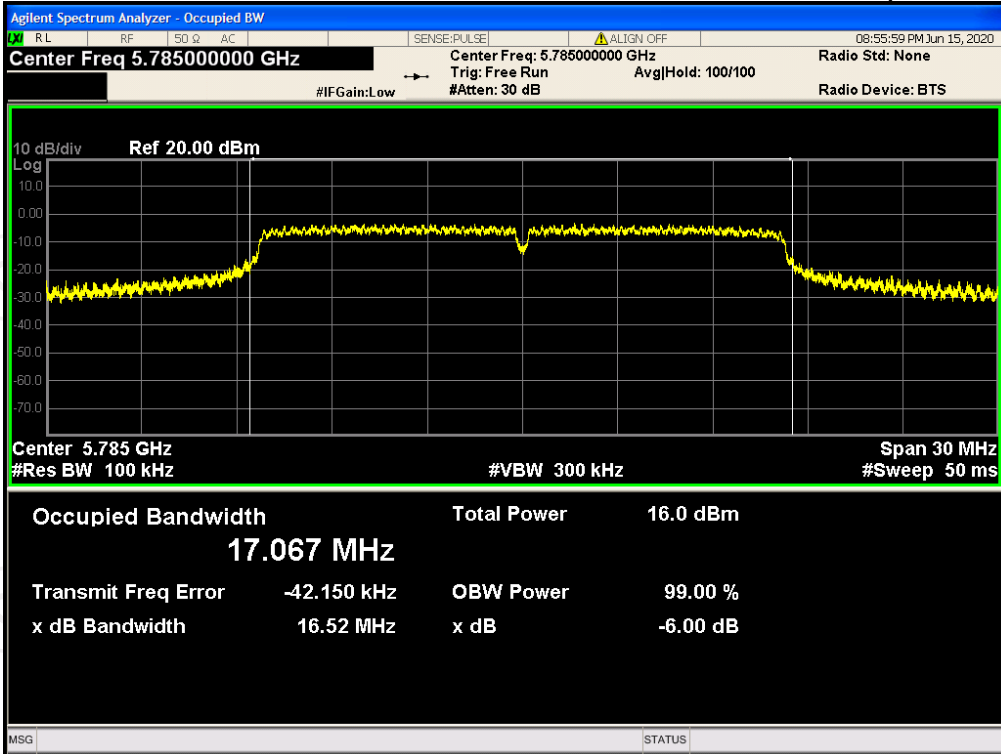
### 6dB Bandwidth

Condition	Mode	Frequency (MHz)	Antenna	-6 dB Bandwidth (MHz)	Limit -6 dB Bandwidth (MHz)	Verdict
NVNT	802.11a	5745	Ant0	16.51	0.5	Pass
NVNT	802.11a	5785	Ant0	16.52	0.5	Pass
NVNT	802.11a	5825	Ant0	16.52	0.5	Pass
NVNT	802.11n(HT20)	5745	Ant0	17.70	0.5	Pass
NVNT	802.11n(HT20)	5785	Ant0	17.67	0.5	Pass
NVNT	802.11n(HT20)	5825	Ant0	17.68	0.5	Pass
NVNT	802.11n(HT40)	5755	Ant0	36.43	0.5	Pass
NVNT	802.11n(HT40)	5795	Ant0	36.43	0.5	Pass

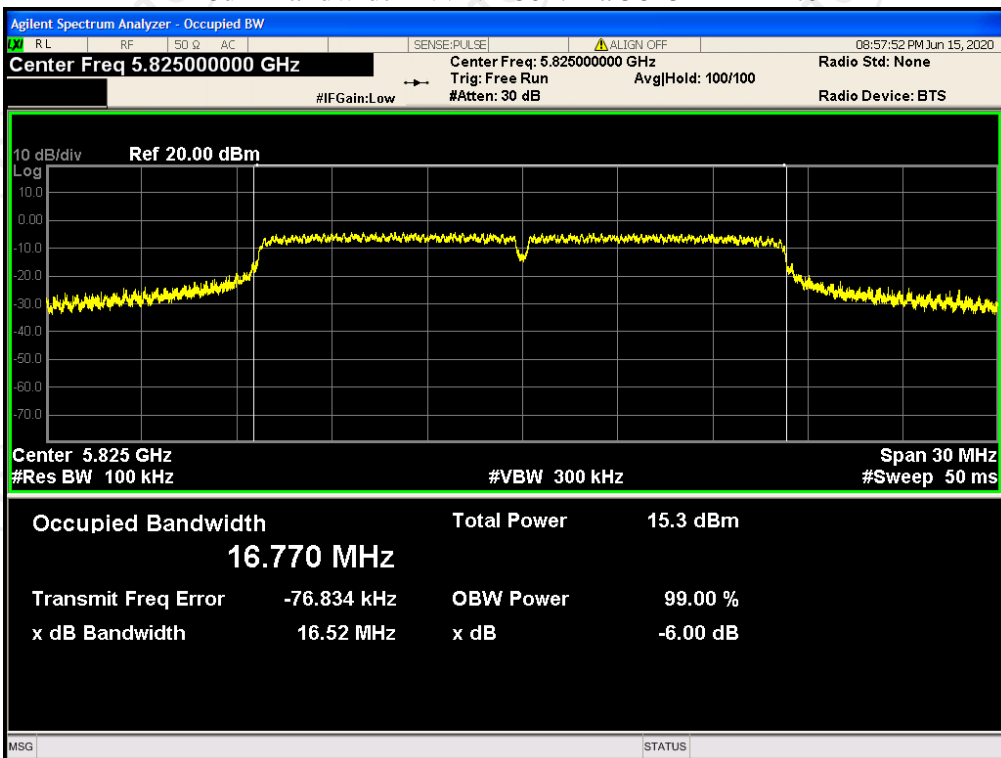
-6dB Bandwidth NVNT 802.11a 5745MHz Ant0



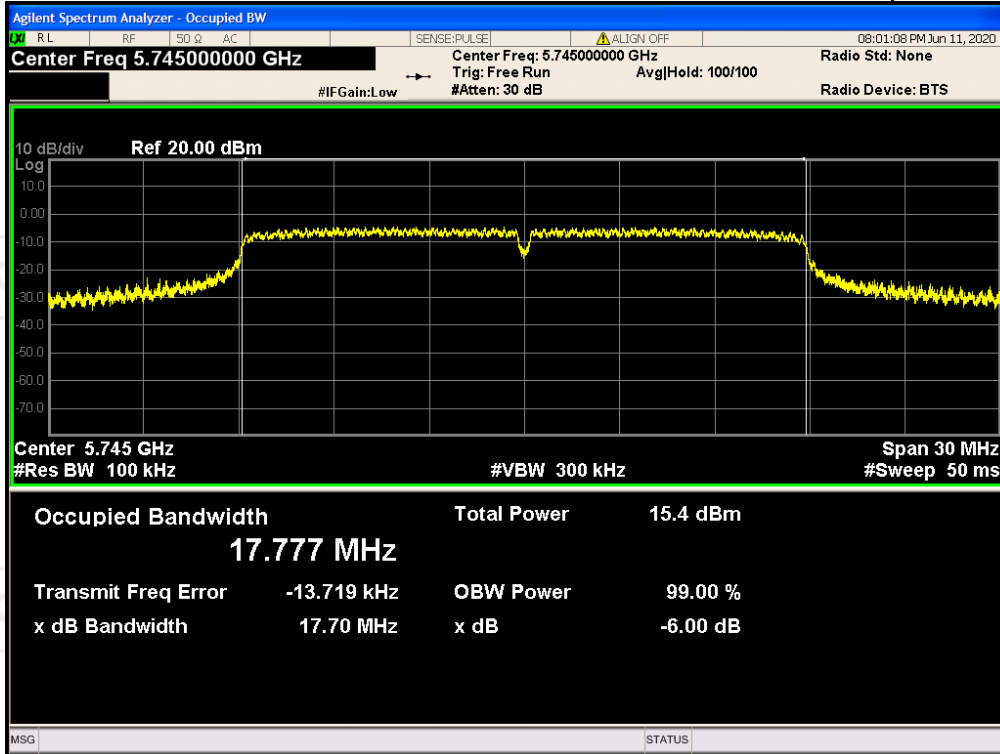
-6dB Bandwidth NVNT 802.11a 5785MHz Ant0



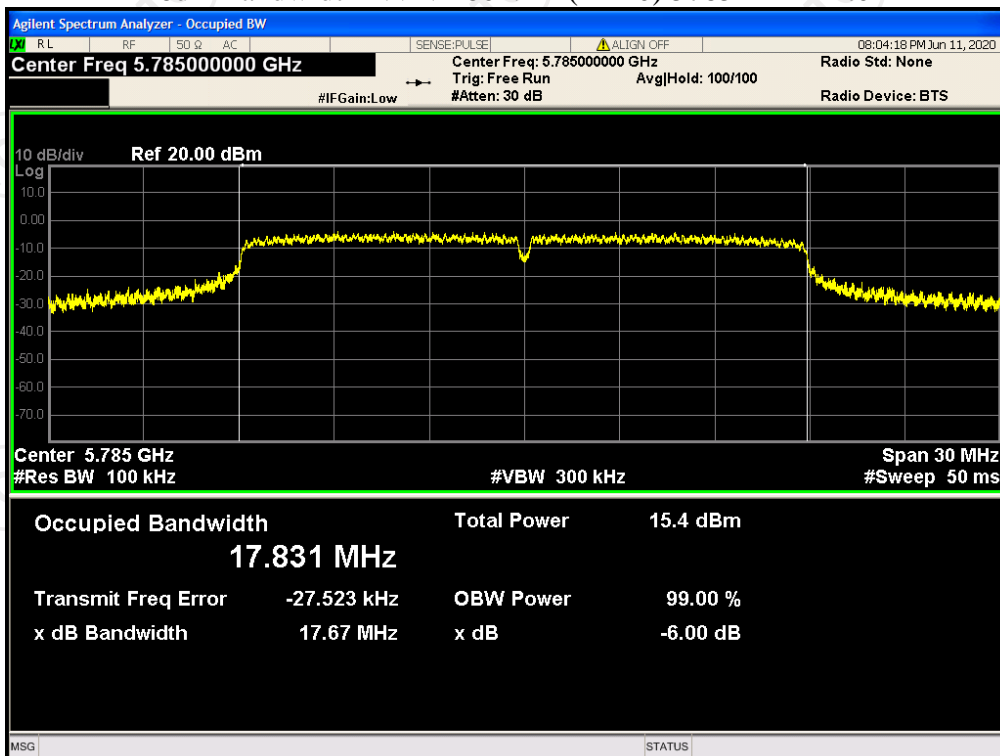
-6dB Bandwidth NVNT 802.11a 5825MHz Ant0



-6dB Bandwidth NVNT 802.11n(HT20) 5745MHz Ant0

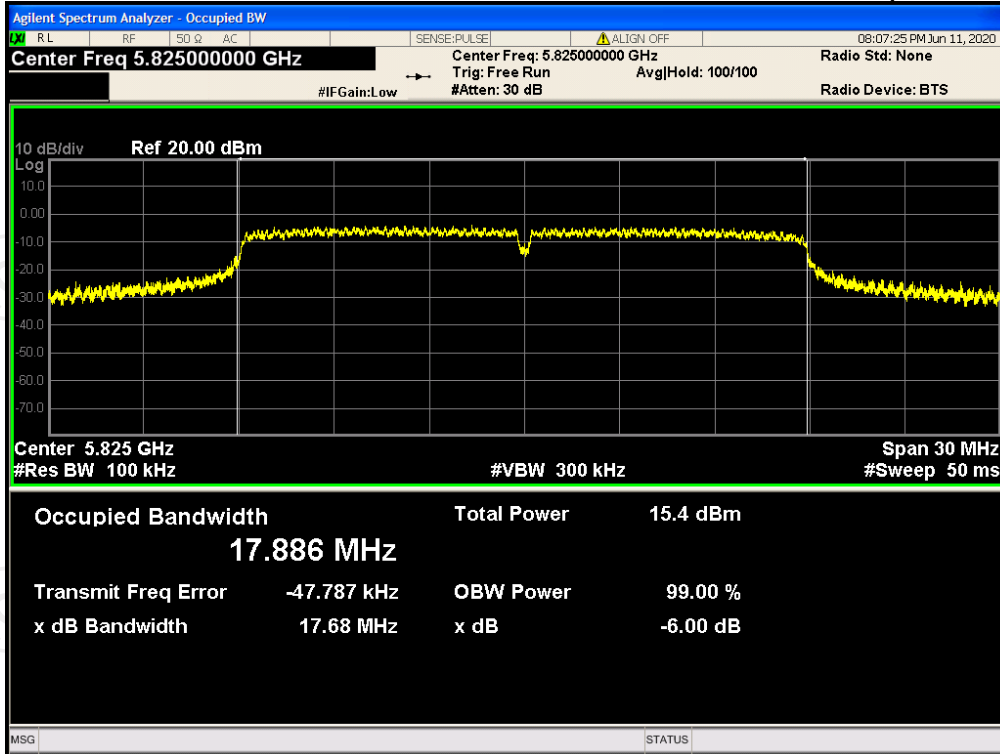


-6dB Bandwidth NVNT 802.11n(HT20) 5785MHz Ant0

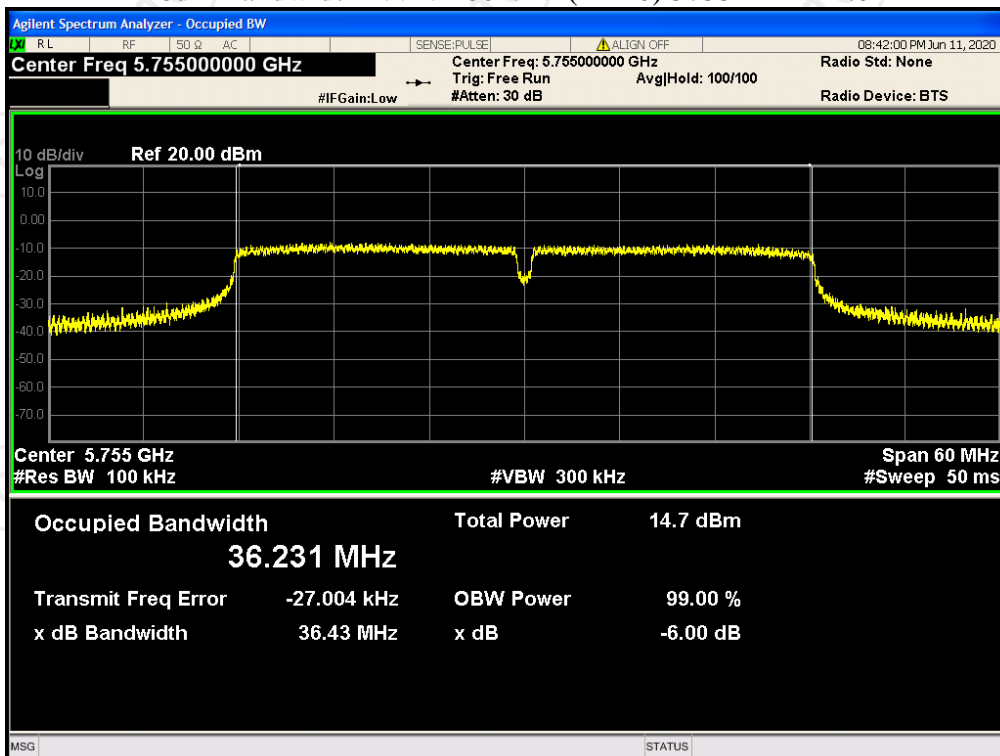


-6dB Bandwidth NVNT 802.11n(HT20) 5825MHz Ant0

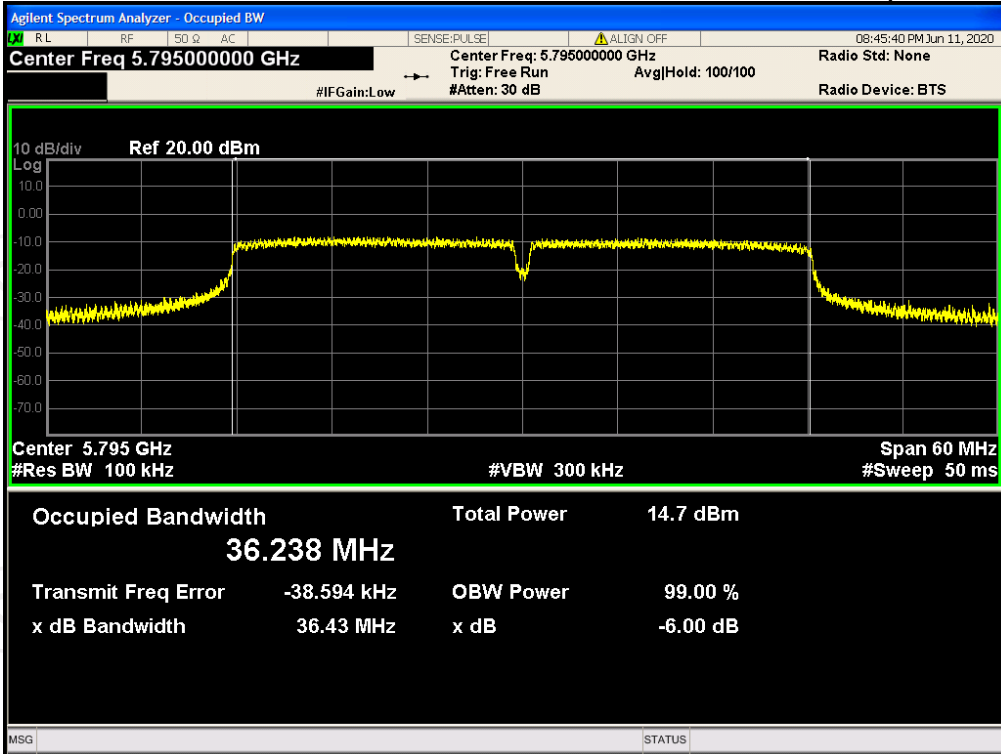




-6dB Bandwidth NVNT 802.11n(HT40) 5755MHz Ant0



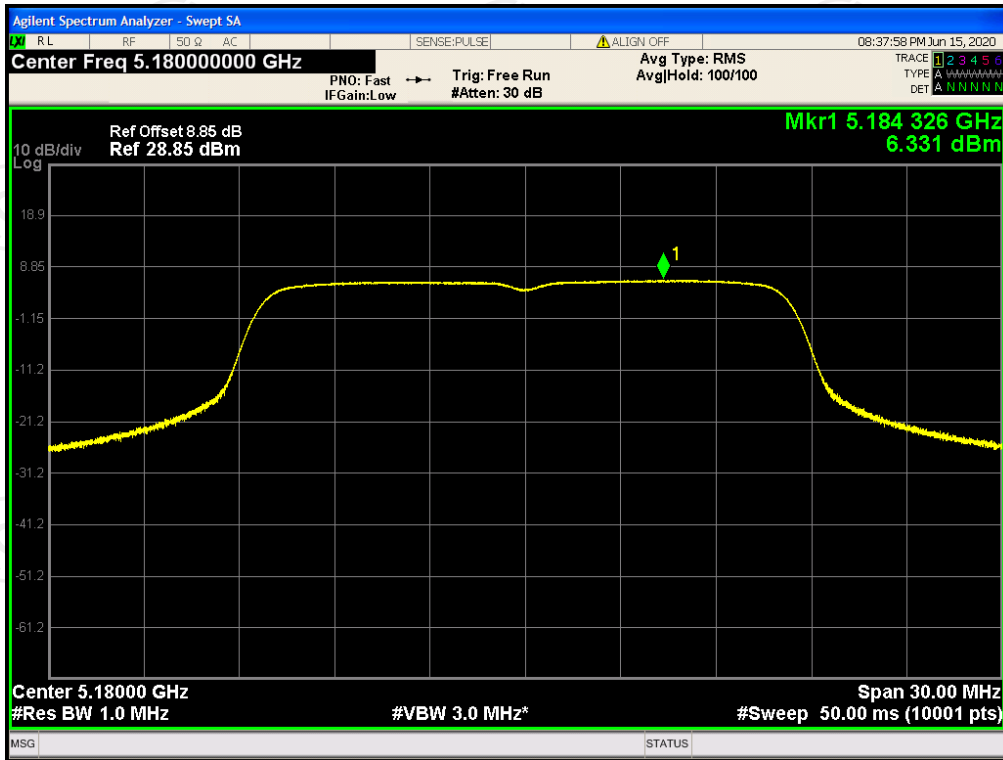
-6dB Bandwidth NVNT 802.11n(HT40) 5795MHz Ant0



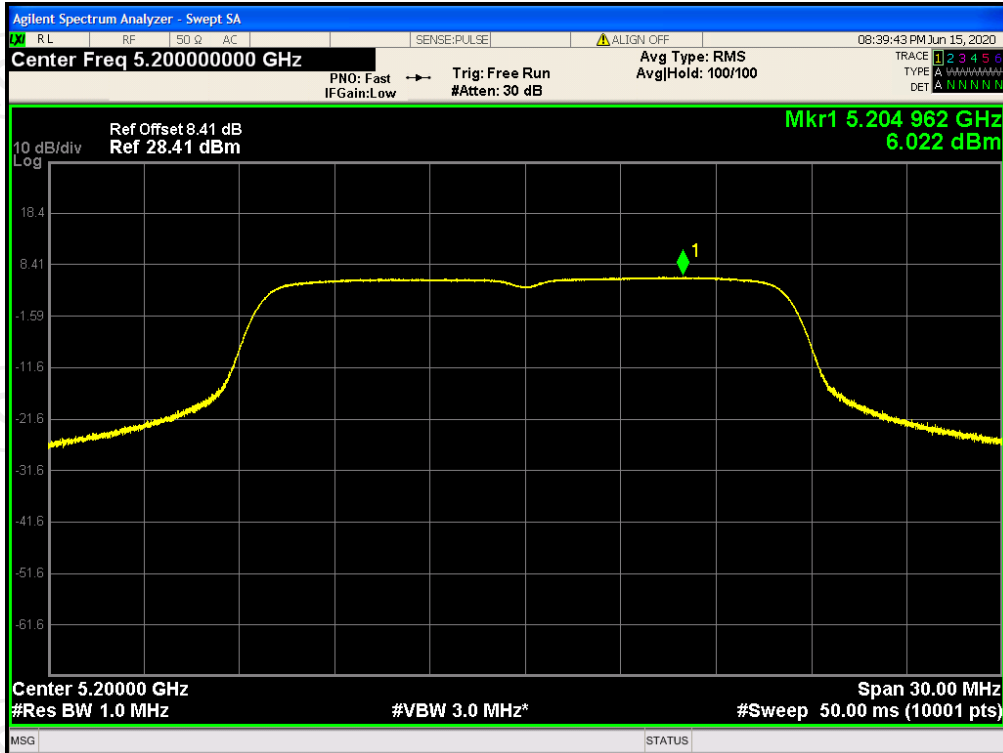
### Maximum Power Spectral Density Level

Condition	Mode	Frequency (MHz)	Antenna	Max PSD (dBm)	Limit (dBm)	Verdict
NVNT	802.11a	5180	Ant0	6.331	17.0	Pass
NVNT	802.11a	5200	Ant0	6.022	17.0	Pass
NVNT	802.11a	5240	Ant0	6.242	17.0	Pass
NVNT	802.11a	5745	Ant0	5.631	30.0	Pass
NVNT	802.11a	5785	Ant0	6.075	30.0	Pass
NVNT	802.11a	5825	Ant0	4.914	30.0	Pass
NVNT	802.11n(HT20)	5180	Ant0	6.244	16.79	Pass
NVNT	802.11n(HT20)	5200	Ant0	5.981	16.79	Pass
NVNT	802.11n(HT20)	5240	Ant0	6.471	16.79	Pass
NVNT	802.11n(HT20)	5745	Ant0	5.021	28.79	Pass
NVNT	802.11n(HT20)	5785	Ant0	5.224	28.79	Pass
NVNT	802.11n(HT20)	5825	Ant0	4.634	28.79	Pass
NVNT	802.11n(HT40)	5190	Ant0	3.019	16.79	Pass
NVNT	802.11n(HT40)	5230	Ant0	3.102	16.79	Pass
NVNT	802.11n(HT40)	5755	Ant0	0.581	28.79	Pass
NVNT	802.11n(HT40)	5795	Ant0	0.904	28.79	Pass

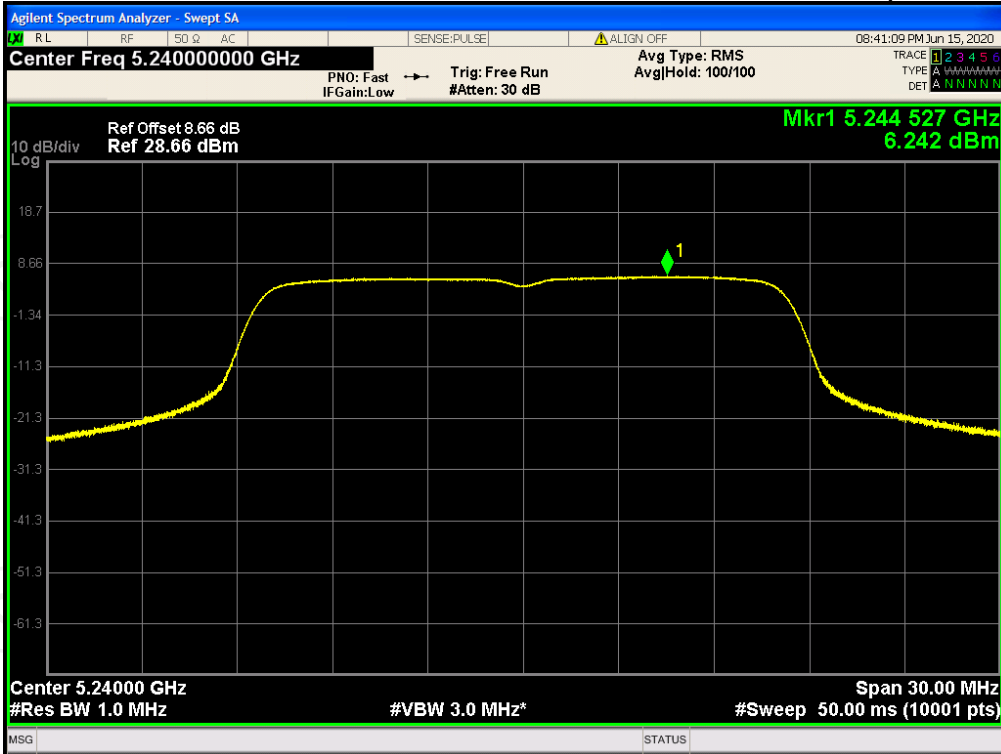
PSD NVNT 802.11a 5180MHz Ant0



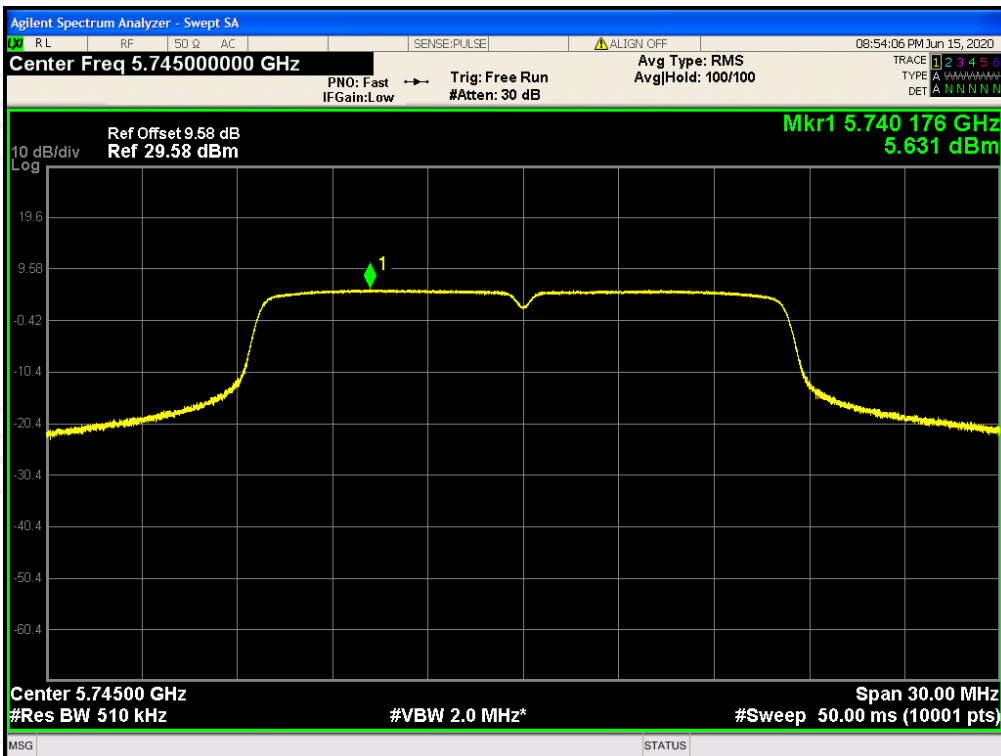
PSD NVNT 802.11a 5200MHz Ant0



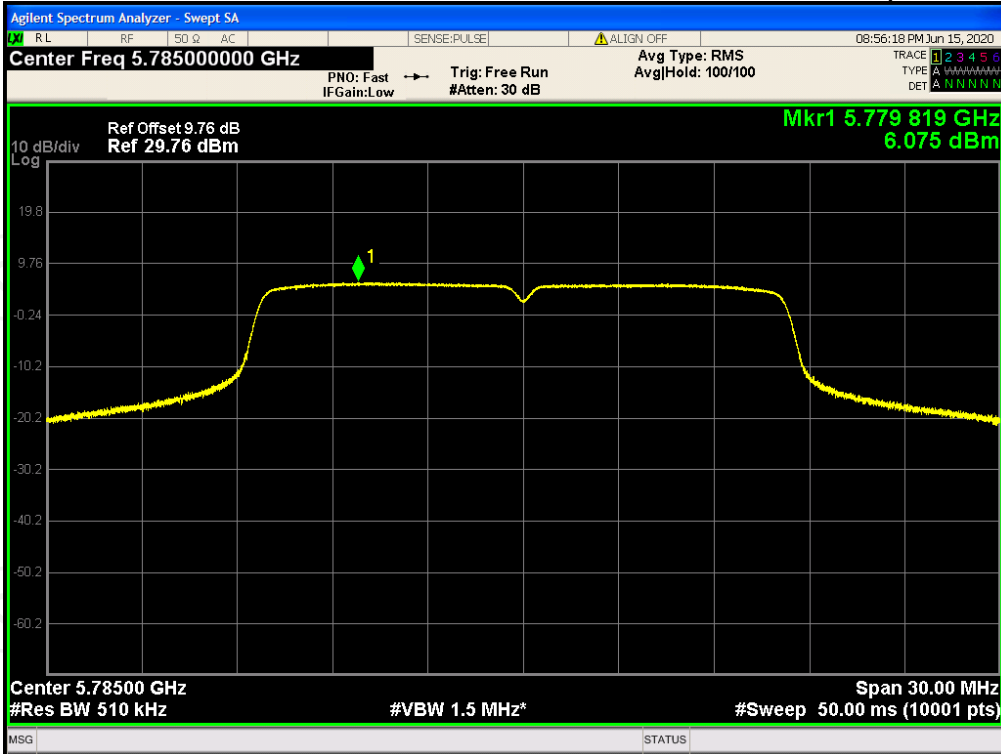
PSD NVNT 802.11a 5240MHz Ant0



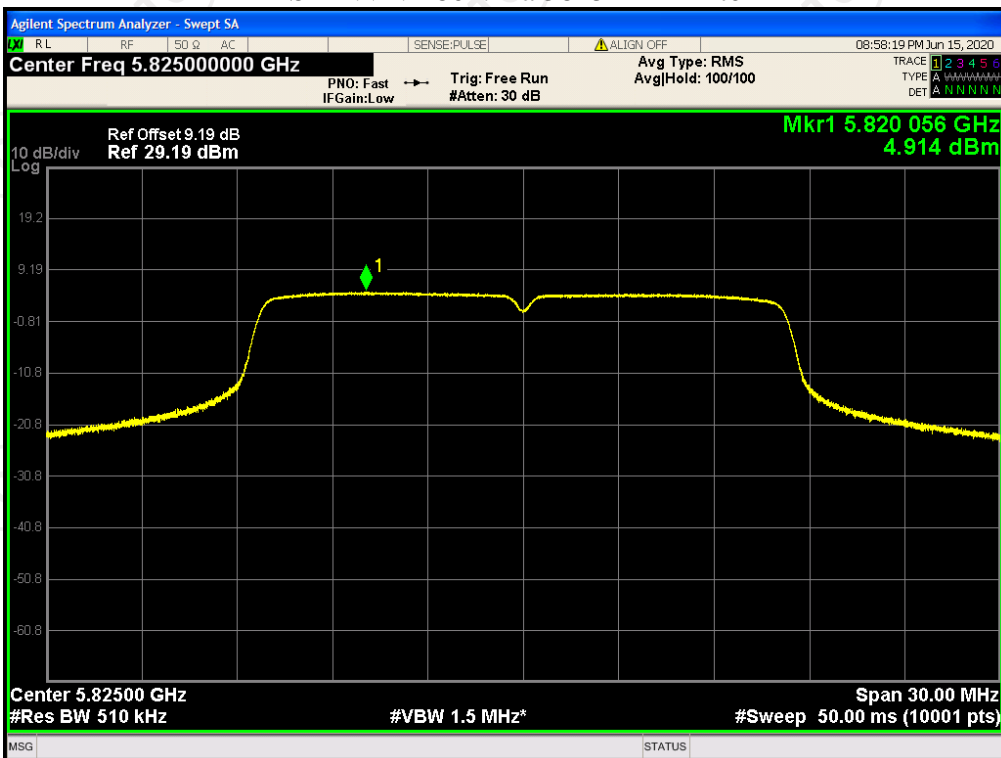
PSD NVNT 802.11a 5745MHz Ant0



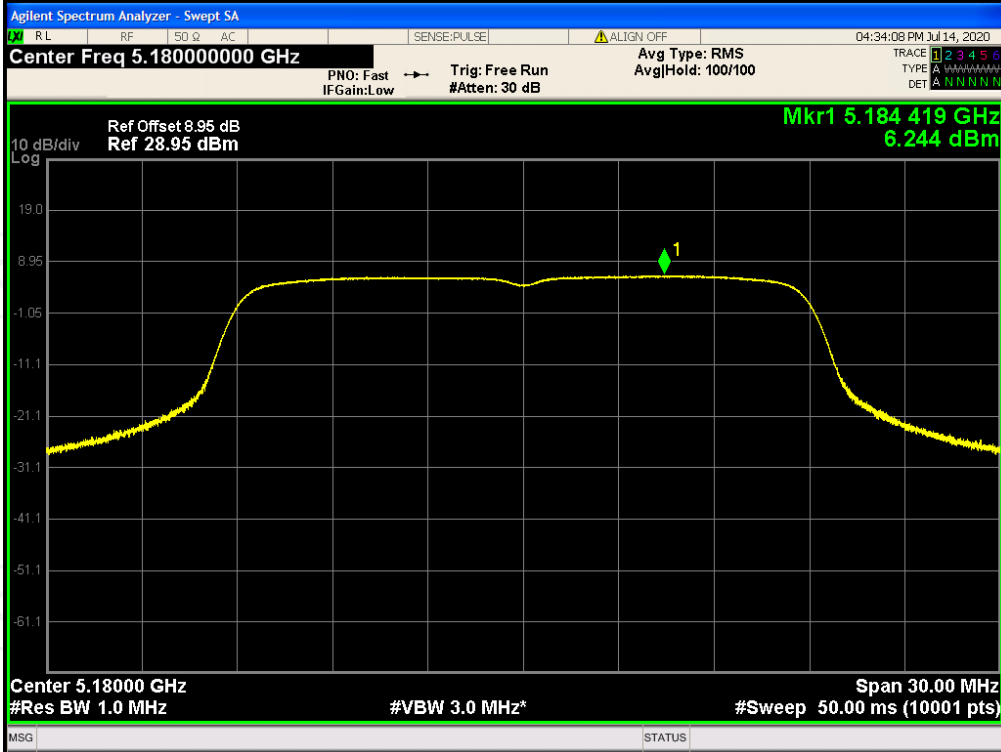
PSD NVNT 802.11a 5785MHz Ant0



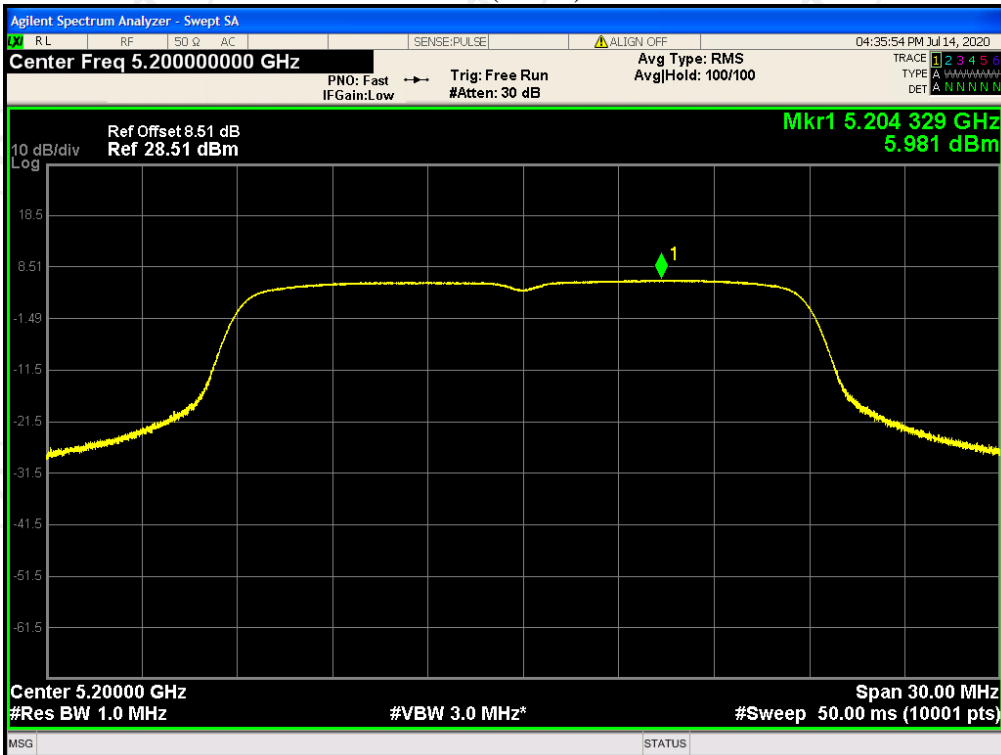
PSD NVNT 802.11a 5825MHz Ant0



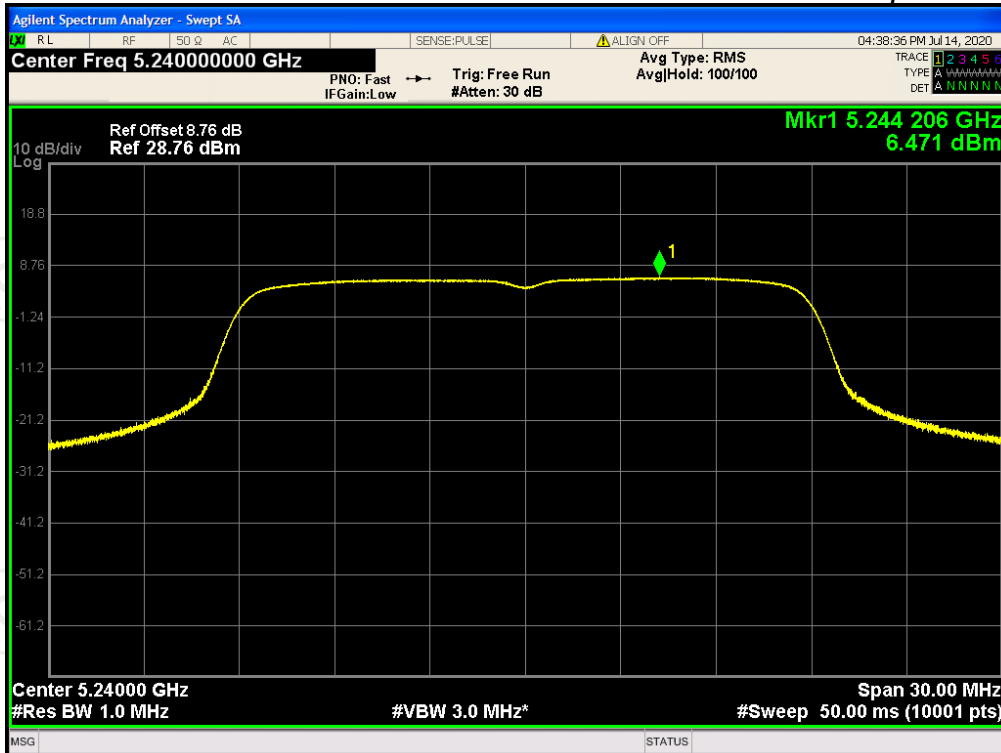
PSD NVNT 802.11n(HT20) 5180MHz Ant0



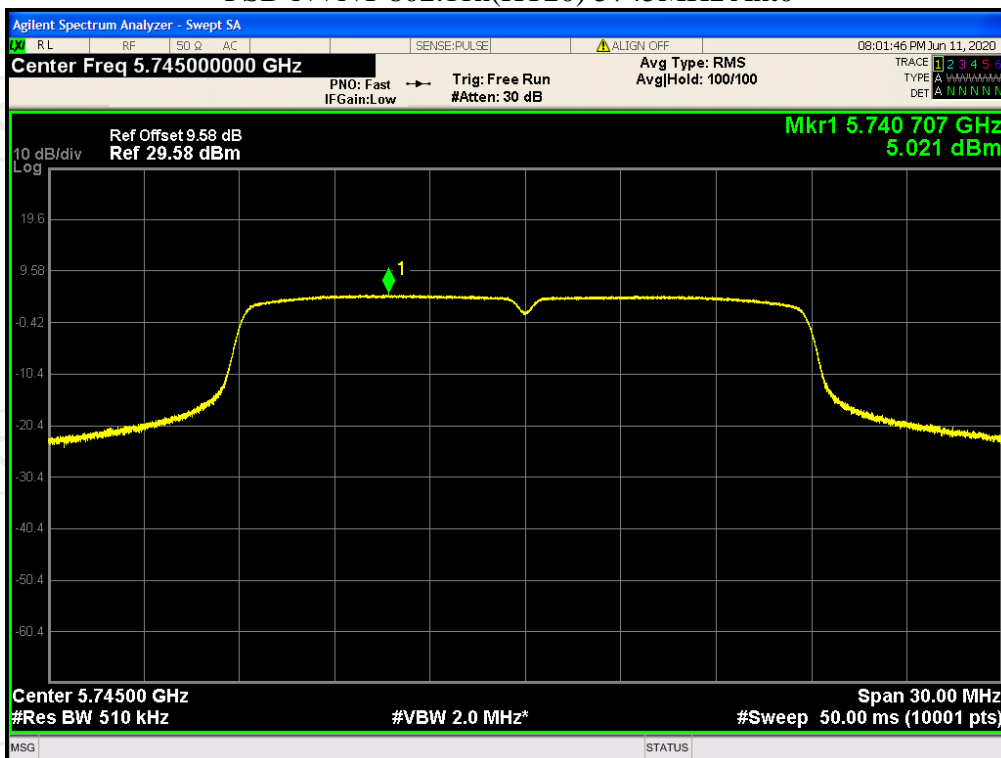
PSD NVNT 802.11n(HT20) 5200MHz Ant0



PSD NVNT 802.11n(HT20) 5240MHz Ant0

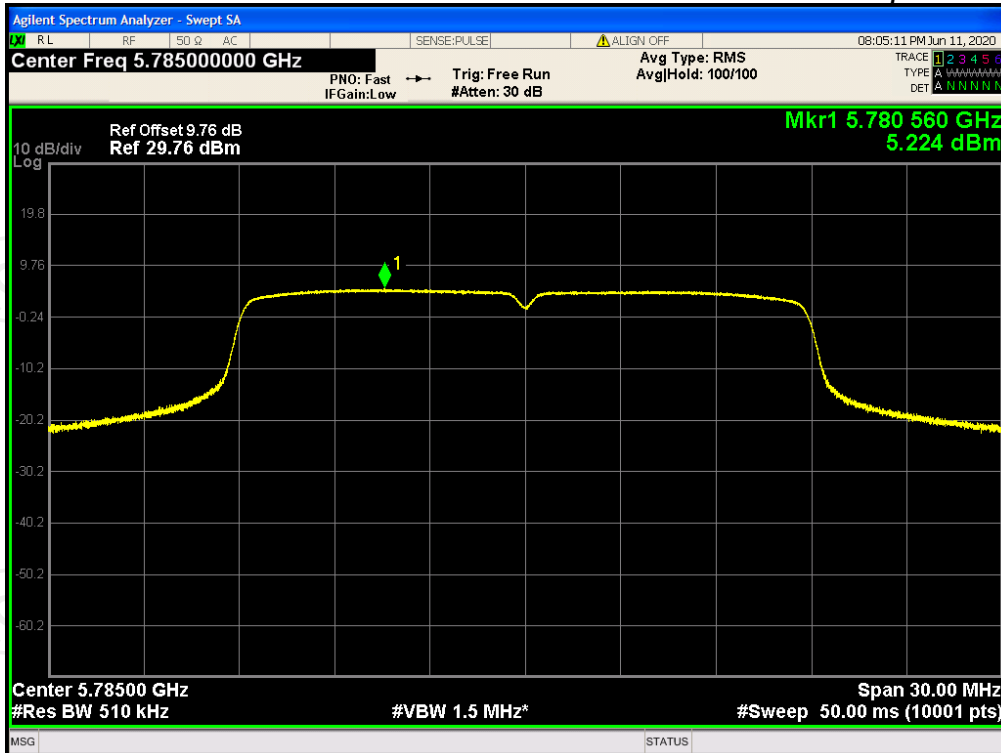


PSD NVNT 802.11n(HT20) 5745MHz Ant0

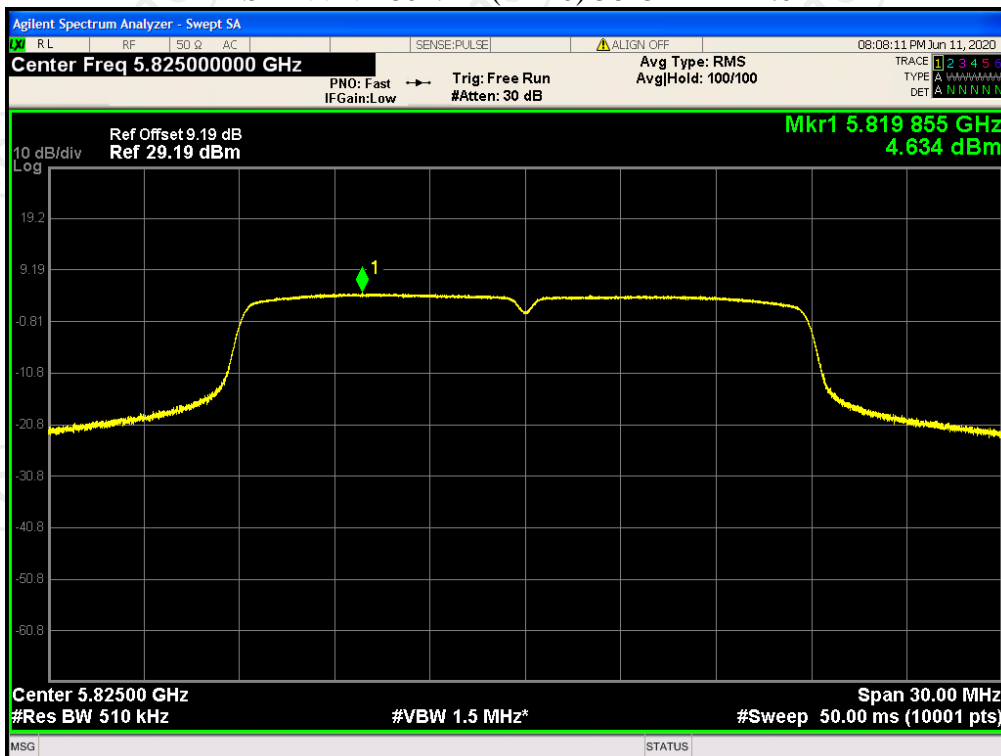


PSD NVNT 802.11n(HT20) 5785MHz Ant0

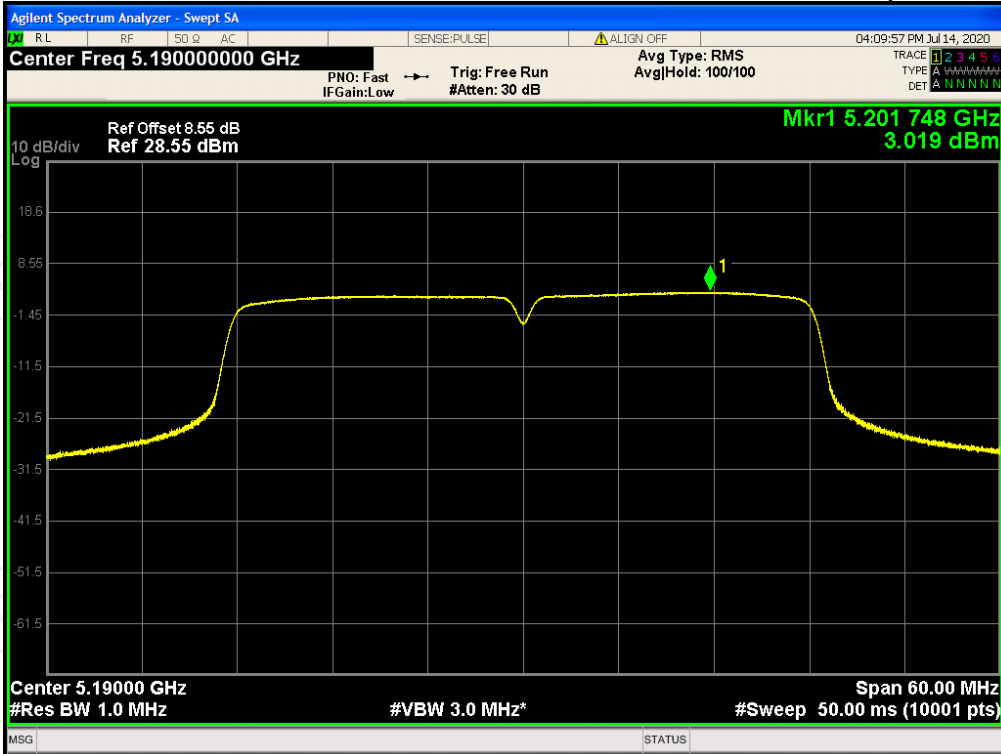




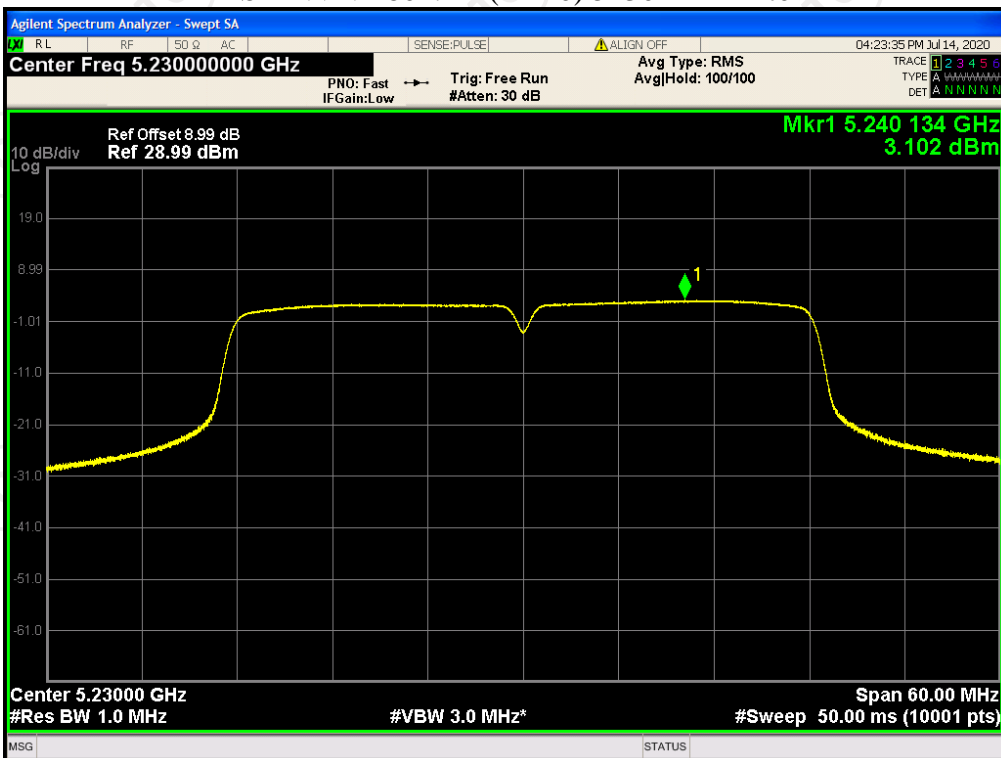
PSD NVNT 802.11n(HT20) 5825MHz Ant0



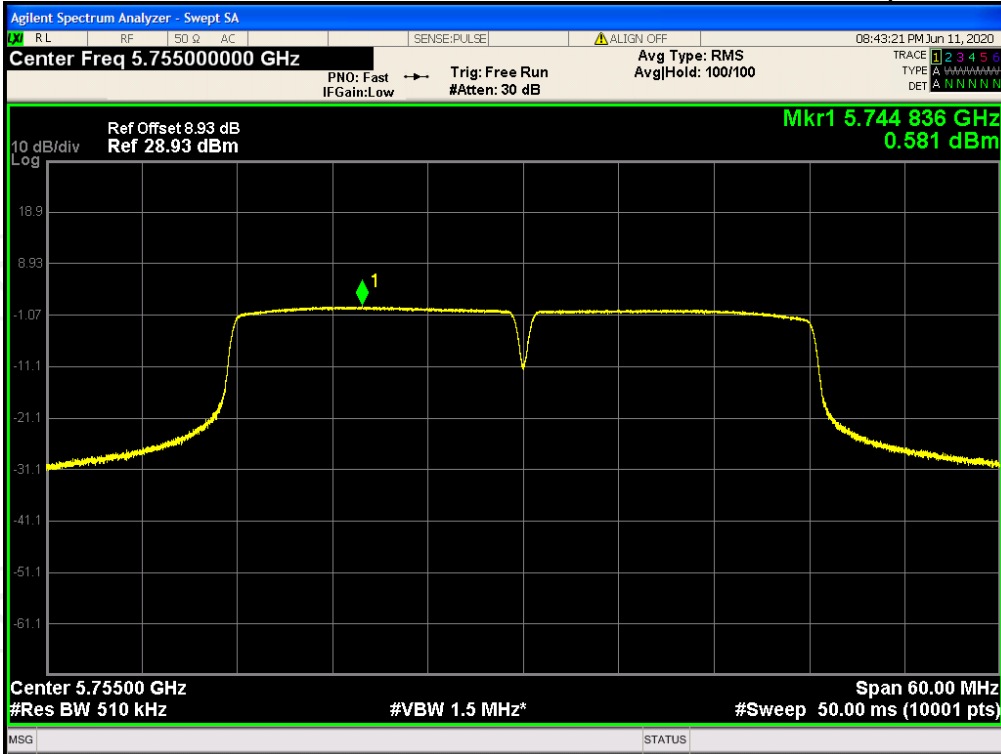
PSD NVNT 802.11n(HT40) 5190MHz Ant0



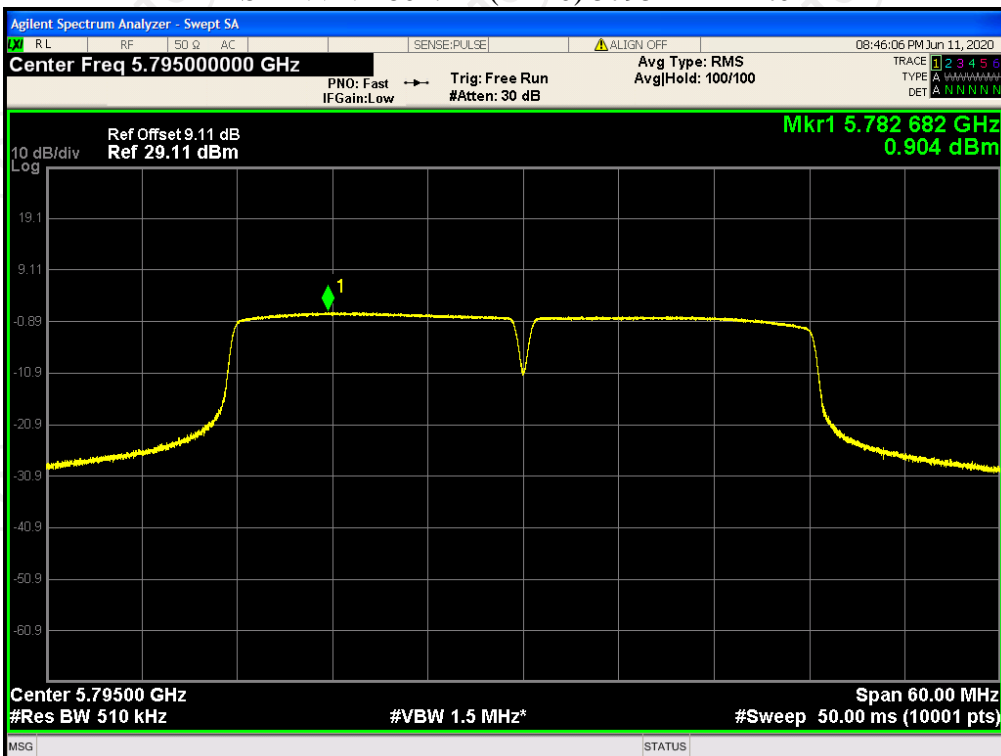
PSD NVNT 802.11n(HT40) 5230MHz Ant0



PSD NVNT 802.11n(HT40) 5755MHz Ant0



PSD NVNT 802.11n(HT40) 5795MHz Ant0

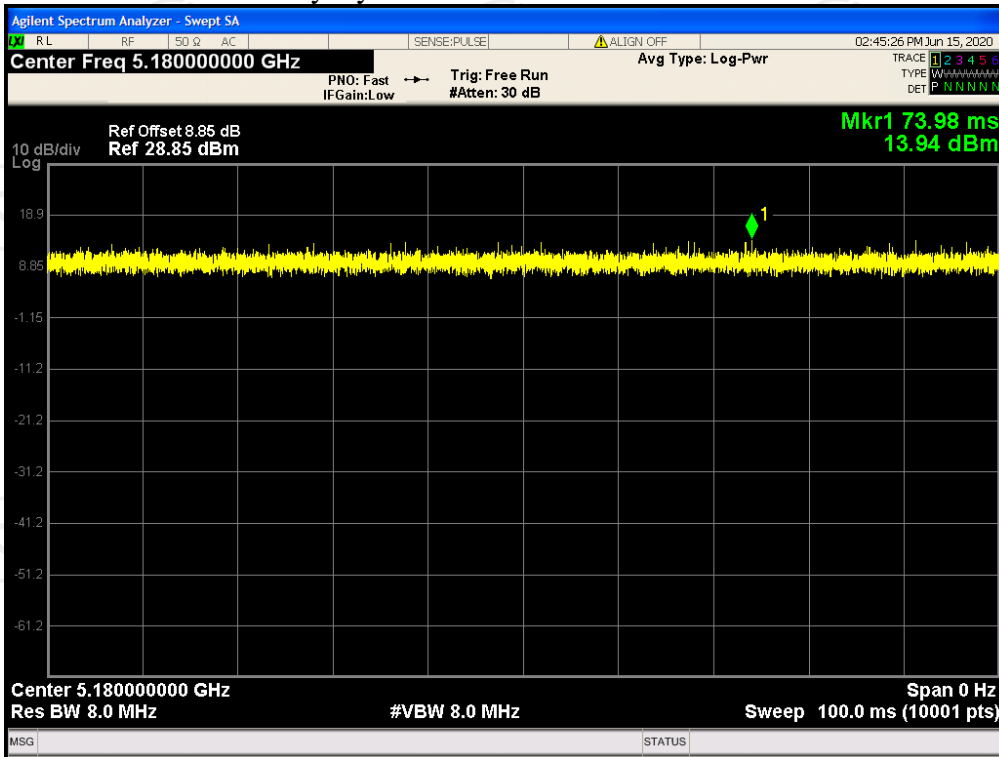


**ANT1**

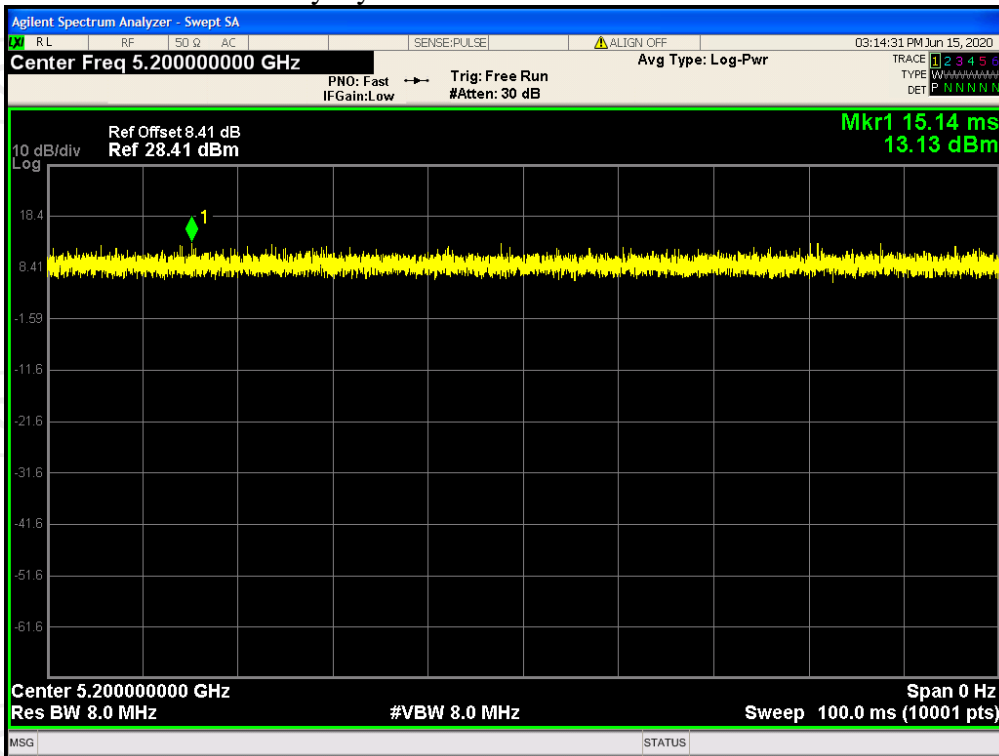
**Duty Cycle**

Condition	Mode	Frequency (MHz)	Duty Cycle (%)	Correction Factor (dB)
NVNT	802.11a	5180	100	0
NVNT	802.11a	5200	100	0
NVNT	802.11a	5240	100	0
NVNT	802.11a	5745	100	0
NVNT	802.11a	5785	100	0
NVNT	802.11a	5825	100	0
NVNT	802.11n(HT20)	5180	100	0
NVNT	802.11n(HT20)	5200	100	0
NVNT	802.11n(HT20)	5240	100	0
NVNT	802.11n(HT20)	5745	100	0
NVNT	802.11n(HT20)	5785	100	0
NVNT	802.11n(HT20)	5825	100	0
NVNT	802.11n(HT40)	5190	100	0
NVNT	802.11n(HT40)	5230	100	0
NVNT	802.11n(HT40)	5755	100	0
NVNT	802.11n(HT40)	5795	100	0

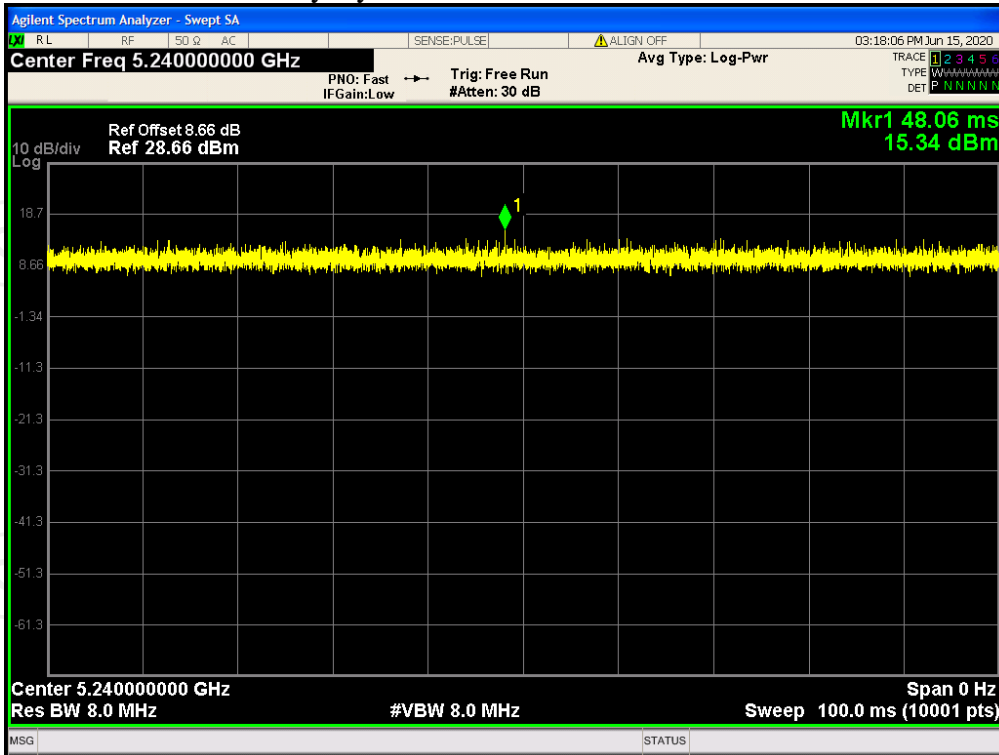
Duty Cycle NVNT 802.11a 5180MHz



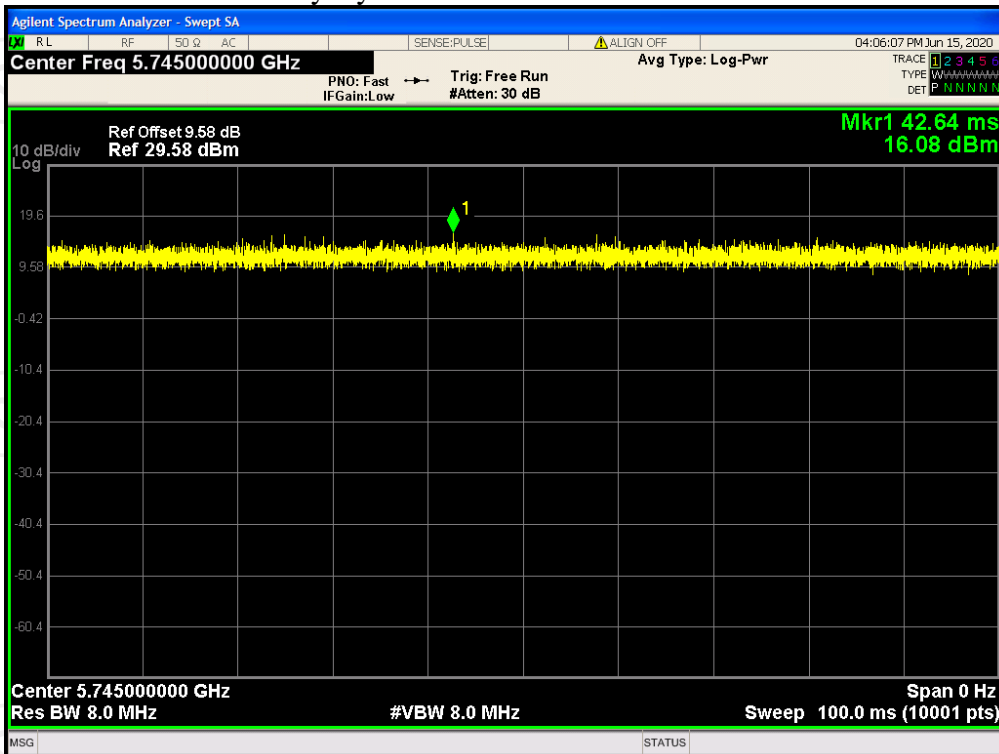
Duty Cycle NVNT 802.11a 5200MHz



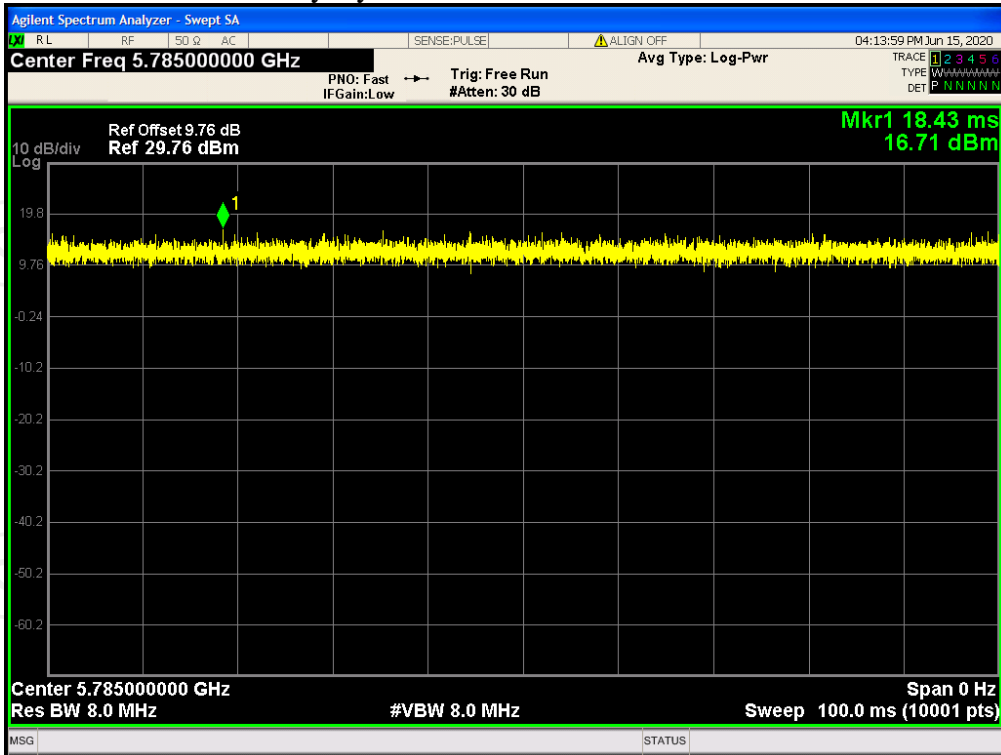
Duty Cycle NVNT 802.11a 5240MHz



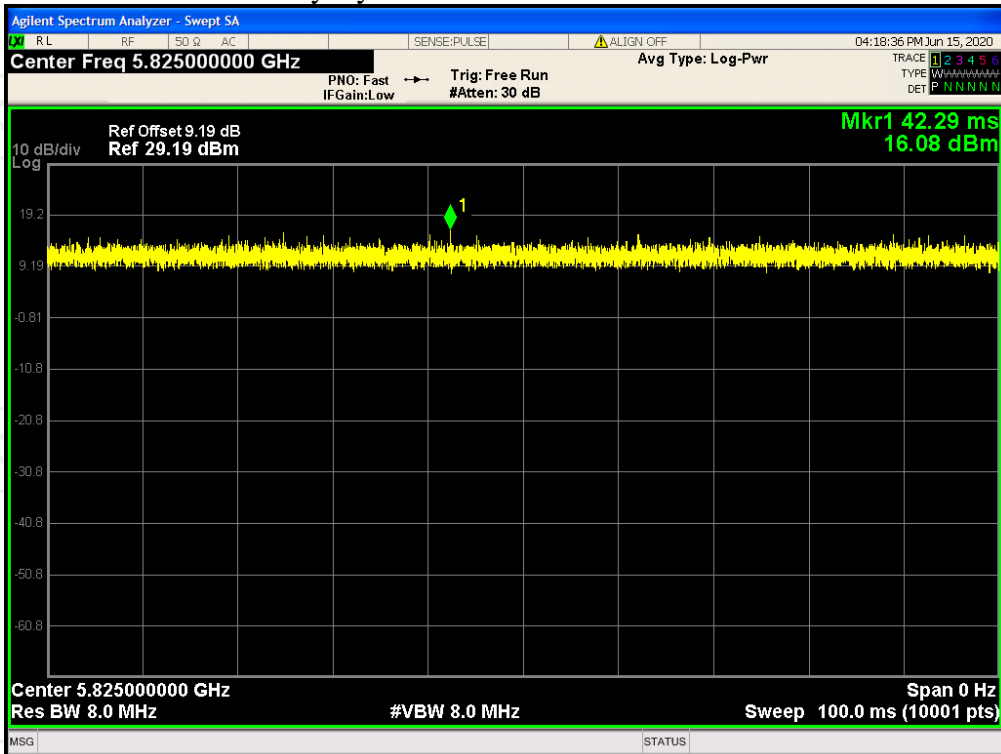
Duty Cycle NVNT 802.11a 5745MHz



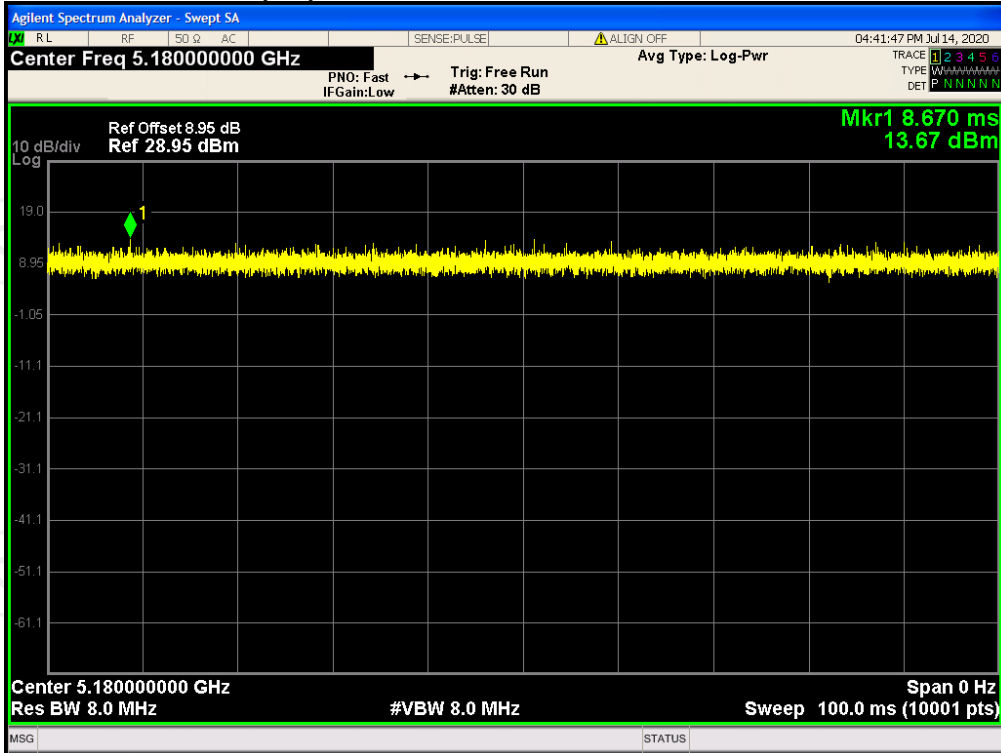
## Duty Cycle NVNT 802.11a 5785MHz



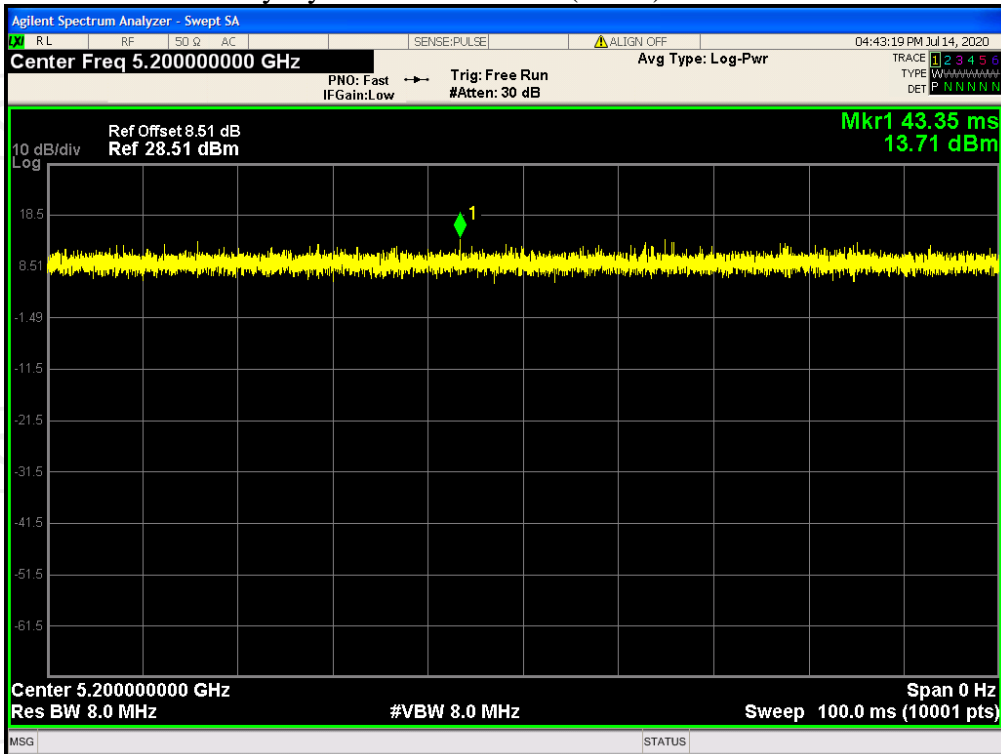
## Duty Cycle NVNT 802.11a 5825MHz



## Duty Cycle NVNT 802.11n(HT20) 5180MHz

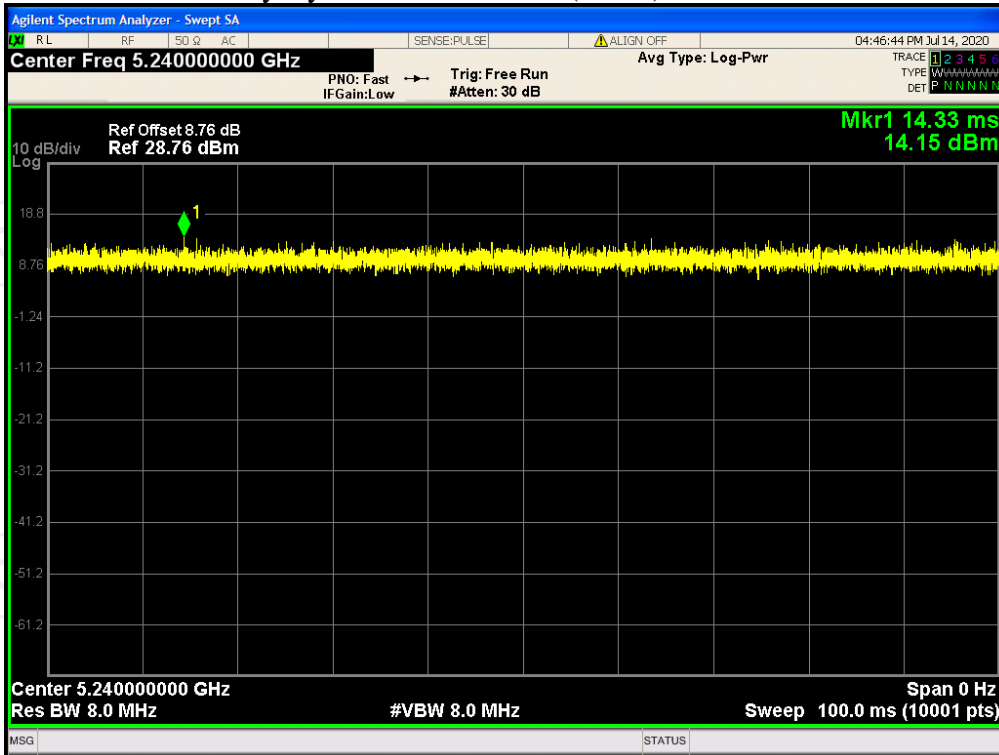


## Duty Cycle NVNT 802.11n(HT20) 5200MHz

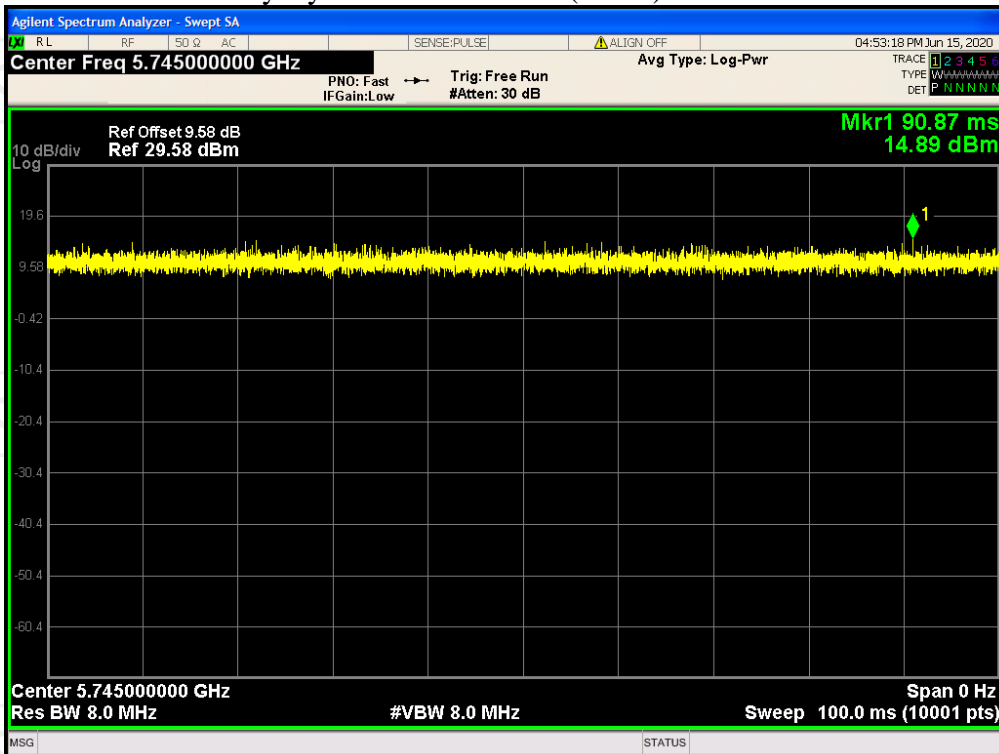




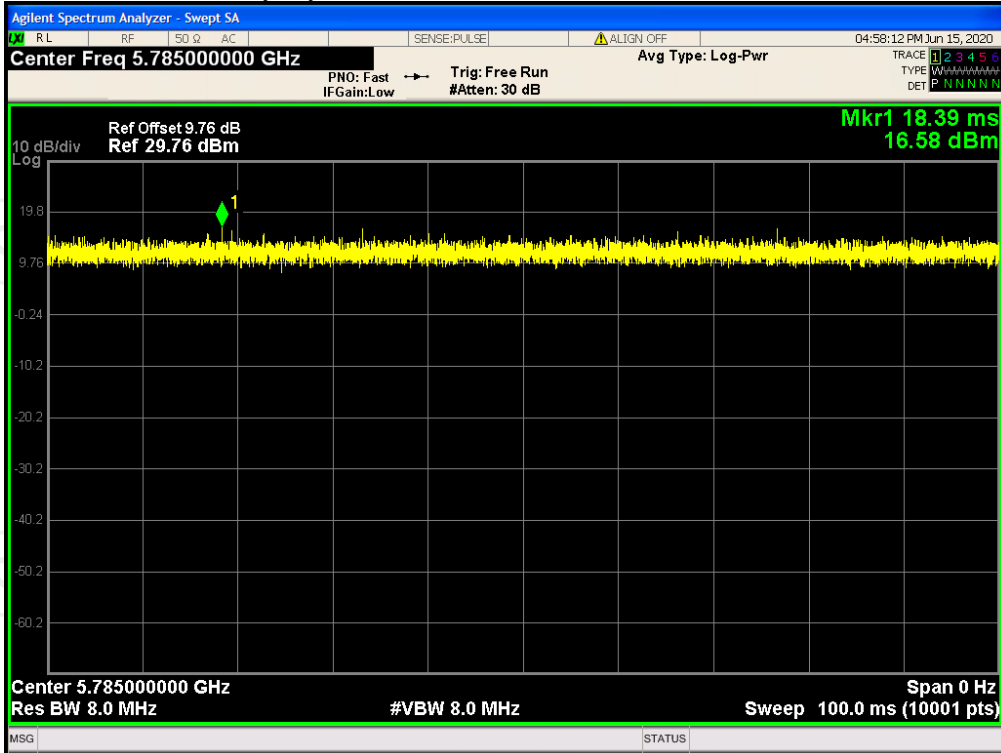
## Duty Cycle NVNT 802.11n(HT20) 5240MHz



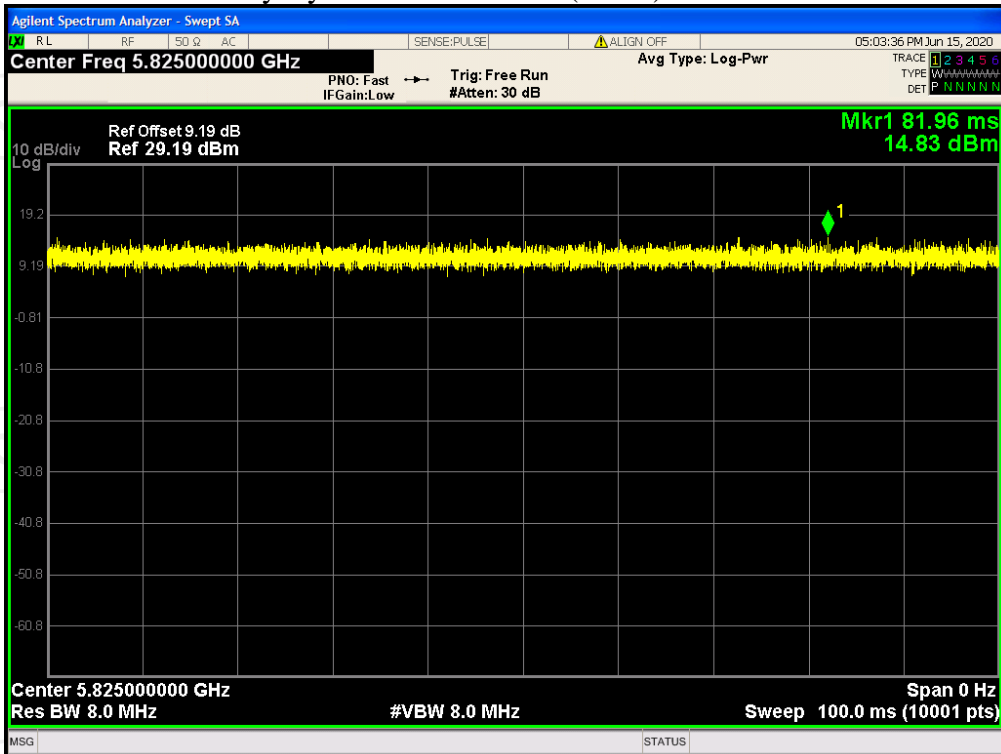
## Duty Cycle NVNT 802.11n(HT20) 5745MHz



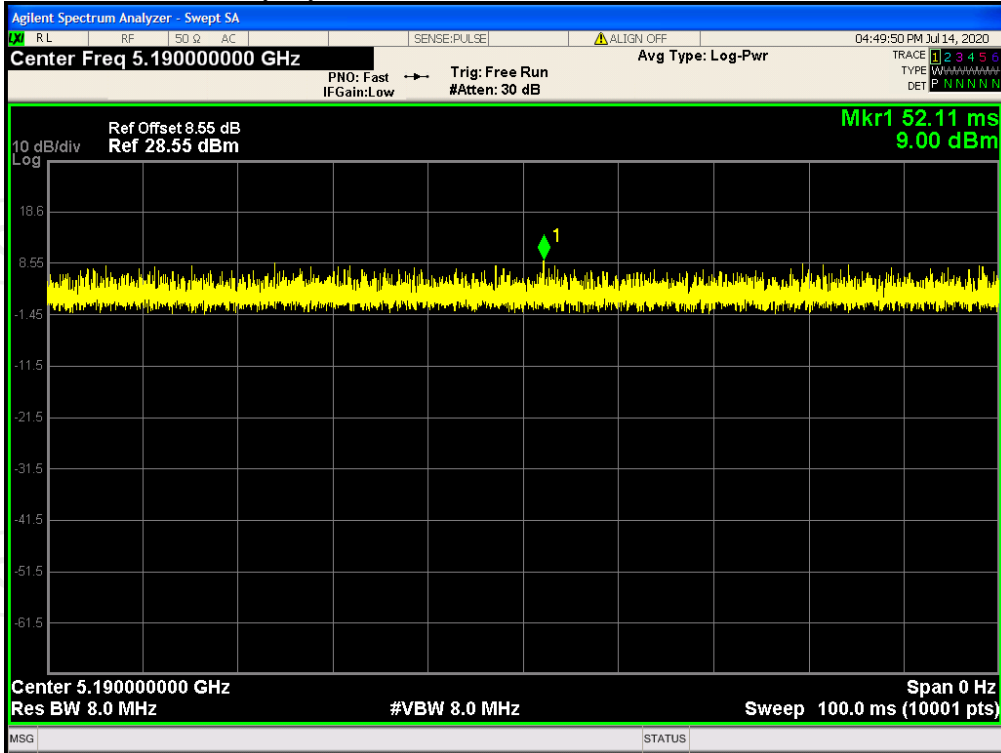
## Duty Cycle NVNT 802.11n(HT20) 5785MHz



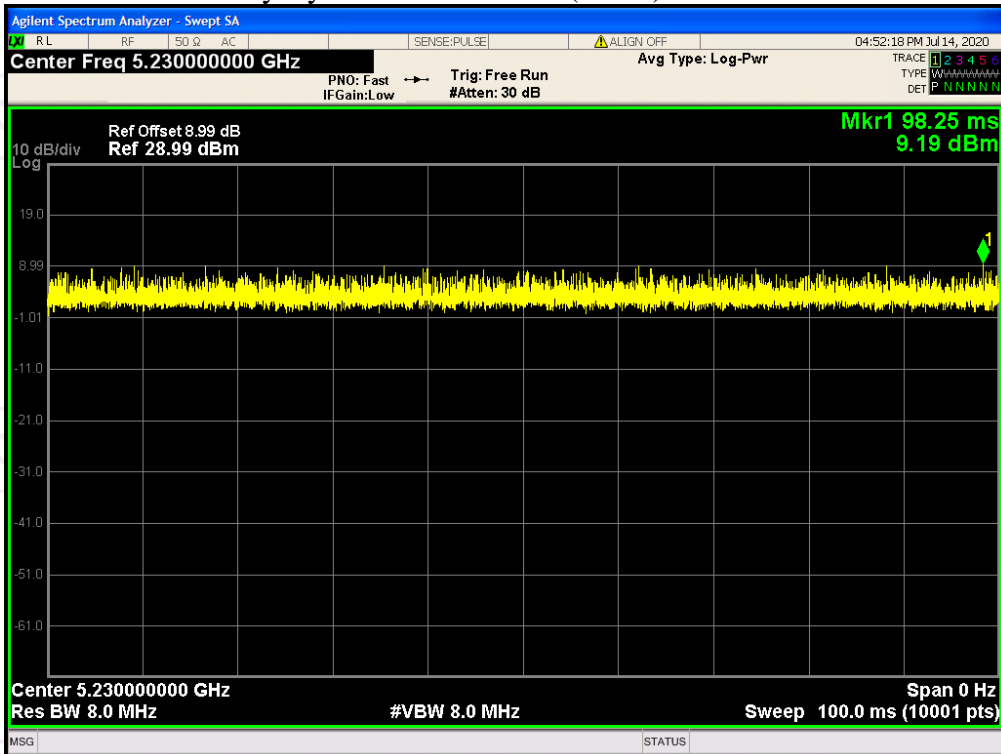
## Duty Cycle NVNT 802.11n(HT20) 5825MHz



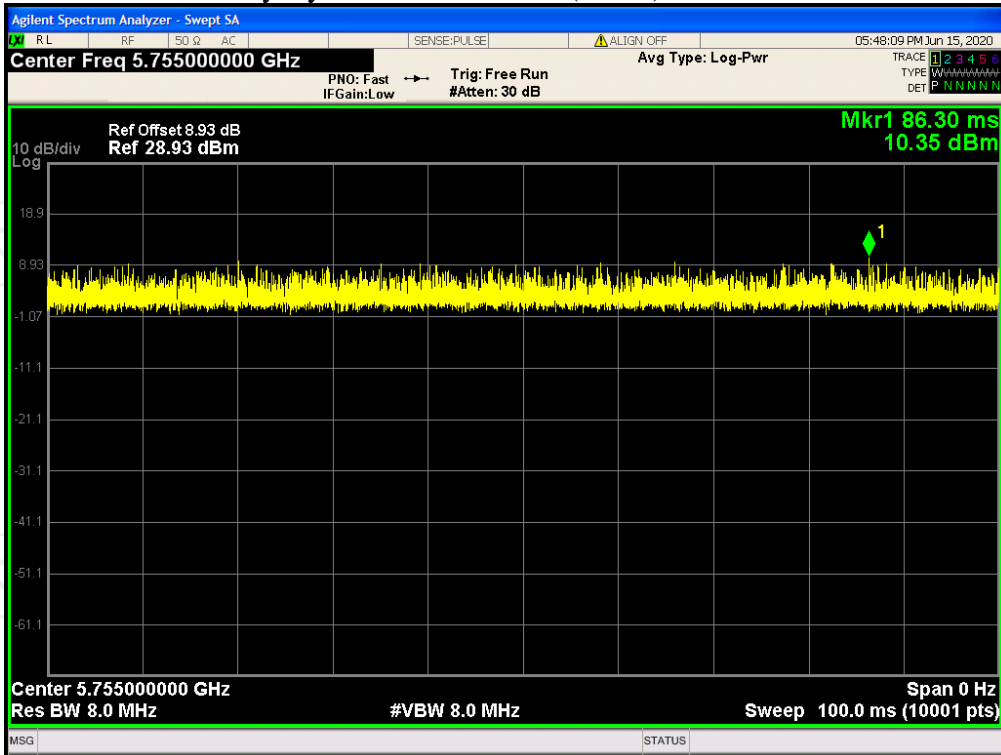
## Duty Cycle NVNT 802.11n(HT40) 5190MHz



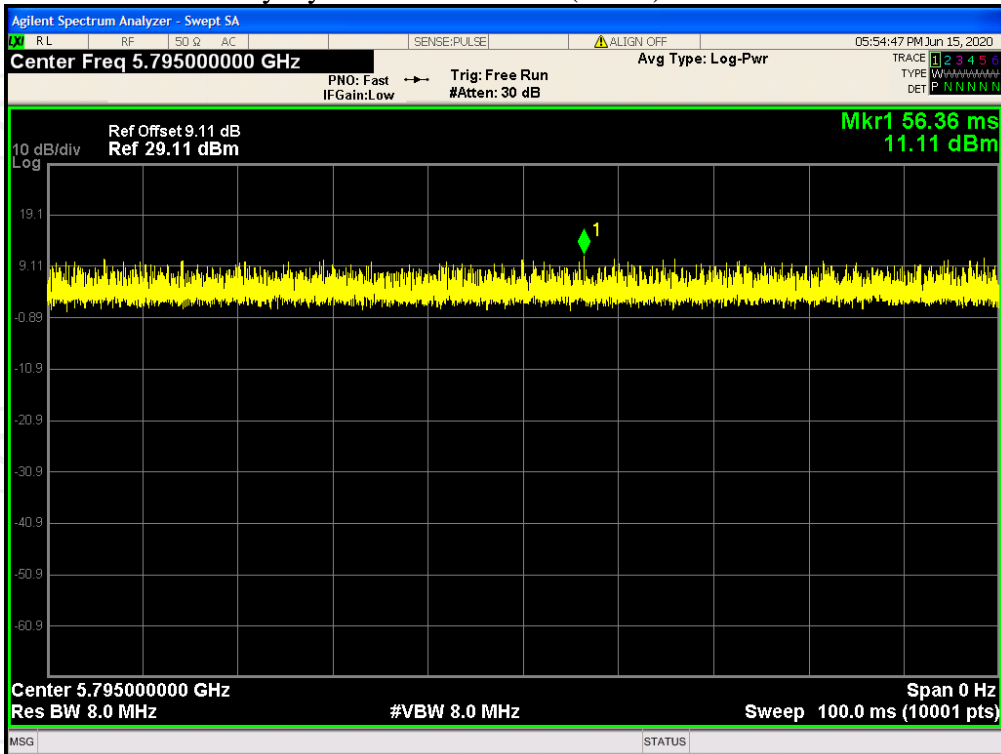
## Duty Cycle NVNT 802.11n(HT40) 5230MHz



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



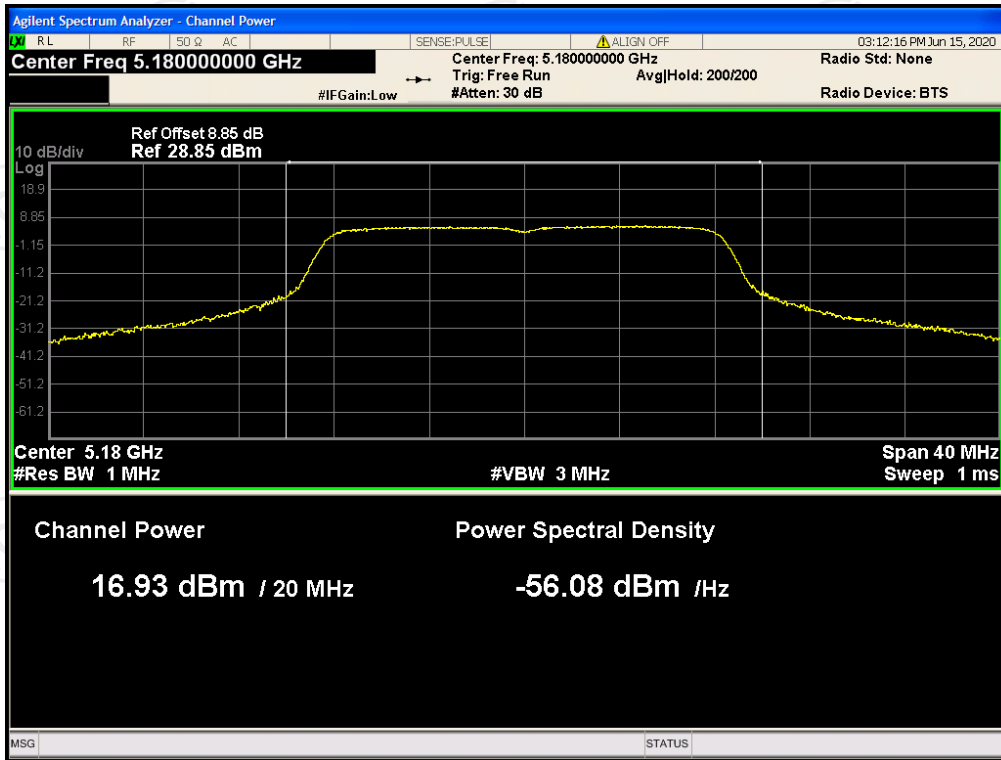
## Duty Cycle NVNT 802.11n(HT40) 5795MHz



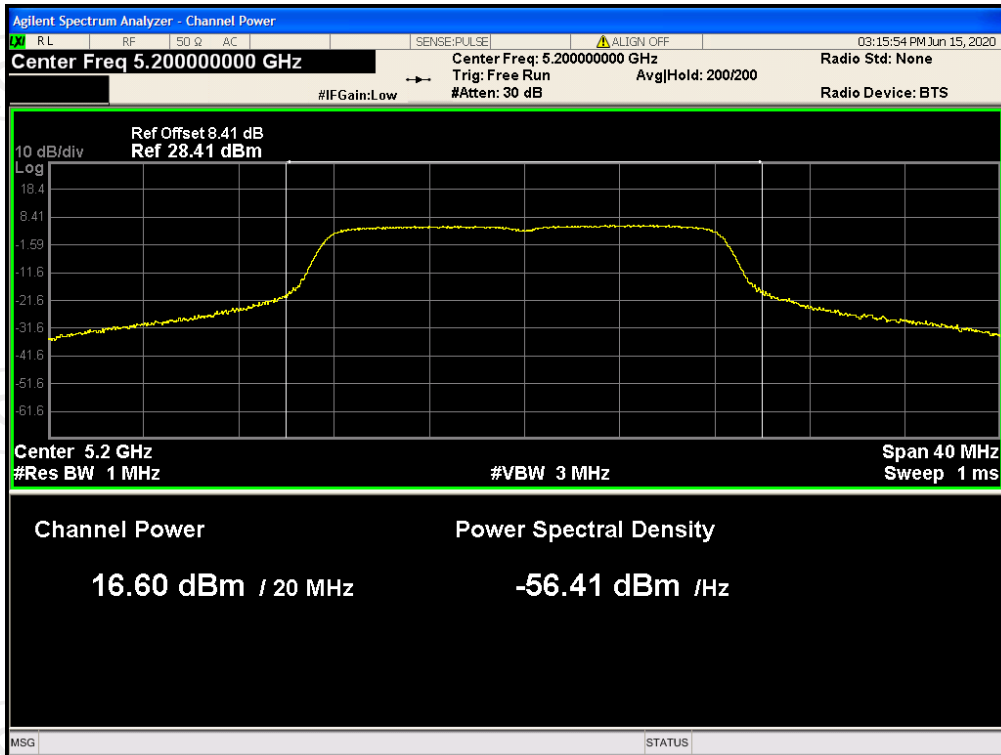
### Maximum Conducted Output Power

Condition	Mode	Frequency (MHz)	Antenna	Conducted Power (dBm)	Duty Factor (dB)	Total Power (dBm)	Limit (dBm)	Verdict
NVNT	802.11a	5180	Ant1	16.93	0	16.93	30	Pass
NVNT	802.11a	5200	Ant1	16.60	0	16.60	30	Pass
NVNT	802.11a	5240	Ant1	17.47	0	17.47	30	Pass
NVNT	802.11a	5745	Ant1	19.23	0	19.23	30	Pass
NVNT	802.11a	5785	Ant1	19.93	0	19.93	30	Pass
NVNT	802.11a	5825	Ant1	18.99	0	18.99	30	Pass
NVNT	802.11n(HT20)	5180	Ant1	17.15	0	17.15	30	Pass
NVNT	802.11n(HT20)	5200	Ant1	17.08	0	17.08	30	Pass
NVNT	802.11n(HT20)	5240	Ant1	17.32	0	17.32	30	Pass
NVNT	802.11n(HT20)	5745	Ant1	19.17	0	19.17	30	Pass
NVNT	802.11n(HT20)	5785	Ant1	19.69	0	19.69	30	Pass
NVNT	802.11n(HT20)	5825	Ant1	18.93	0	18.93	30	Pass
NVNT	802.11n(HT40)	5190	Ant1	17.20	0	17.20	30	Pass
NVNT	802.11n(HT40)	5230	Ant1	17.69	0	17.69	30	Pass
NVNT	802.11n(HT40)	5755	Ant1	17.98	0	17.98	30	Pass
NVNT	802.11n(HT40)	5795	Ant1	18.74	0	18.74	30	Pass

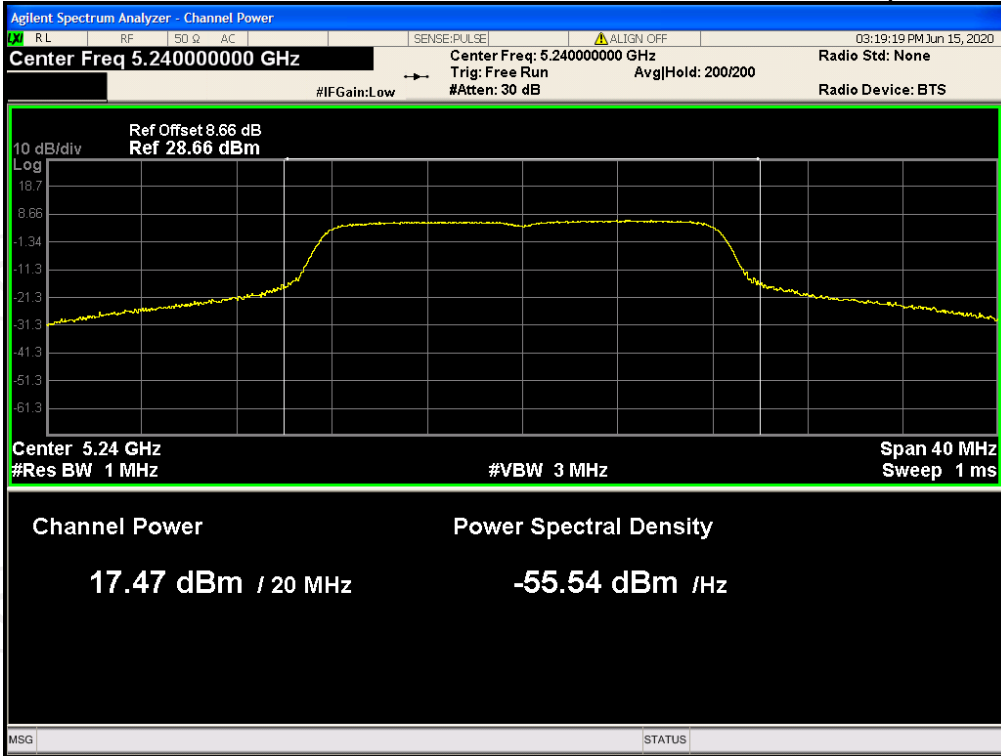
Power NVNT 802.11a 5180MHz Ant1



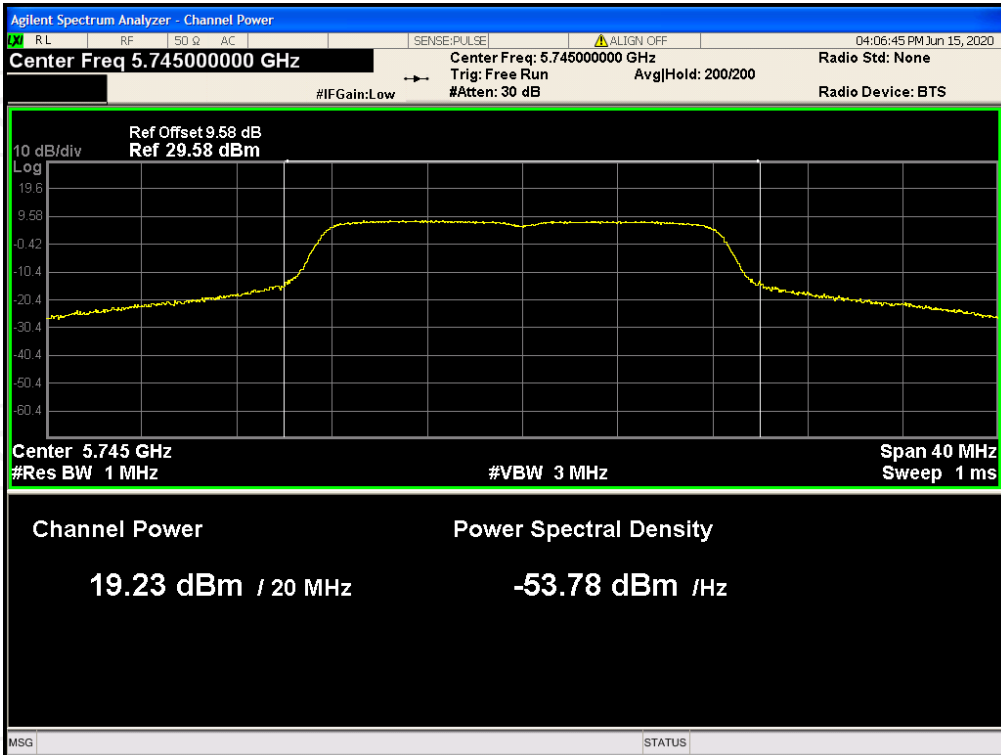
Power NVNT 802.11a 5200MHz Ant1



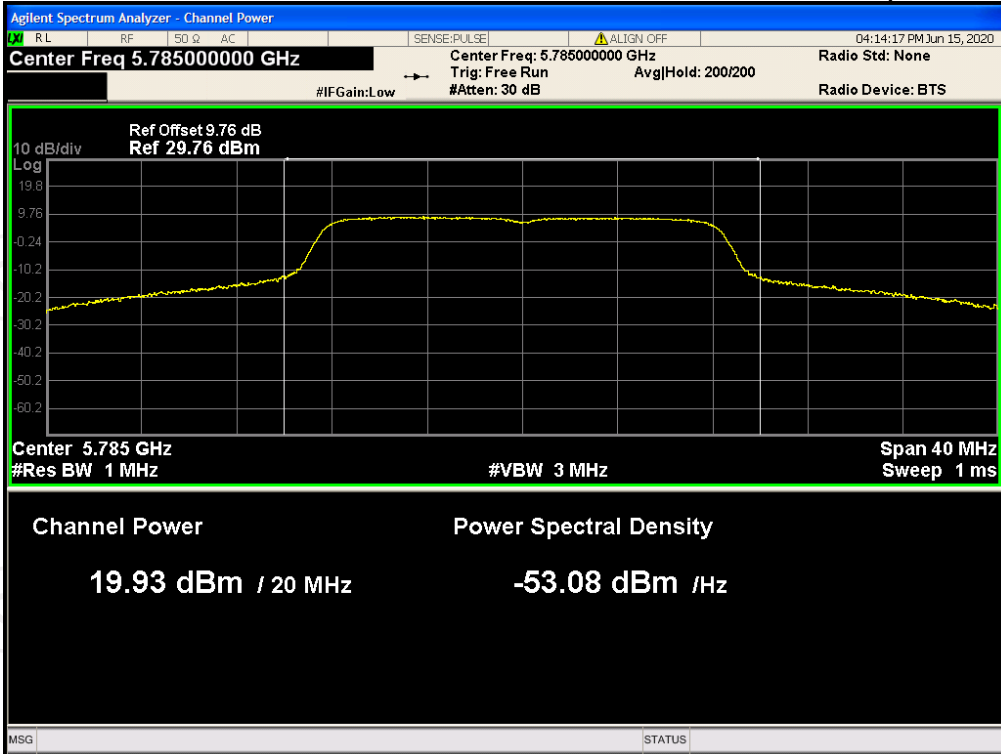
Power NVNT 802.11a 5240MHz Ant1



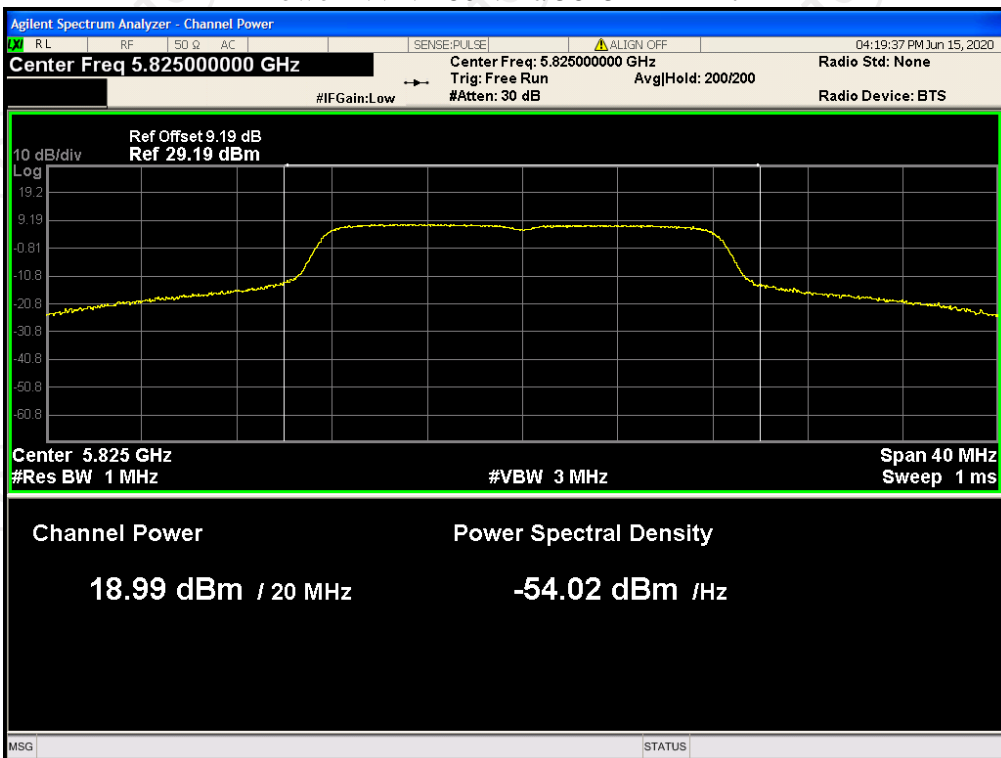
Power NVNT 802.11a 5745MHz Ant1



Power NVNT 802.11a 5785MHz Ant1

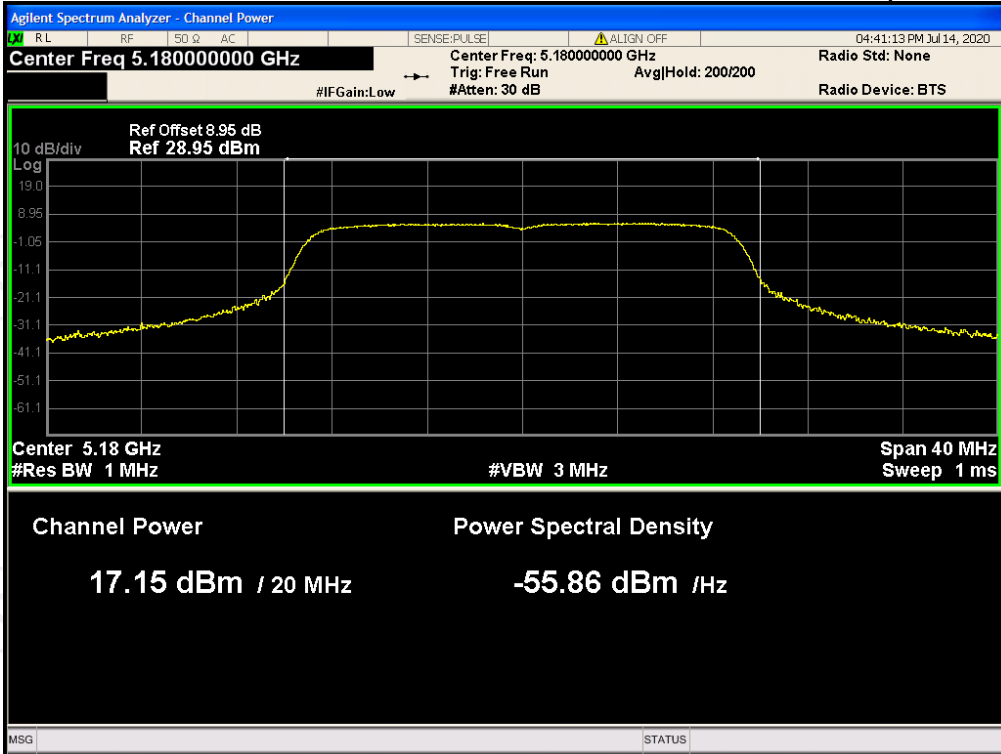


Power NVNT 802.11a 5825MHz Ant1

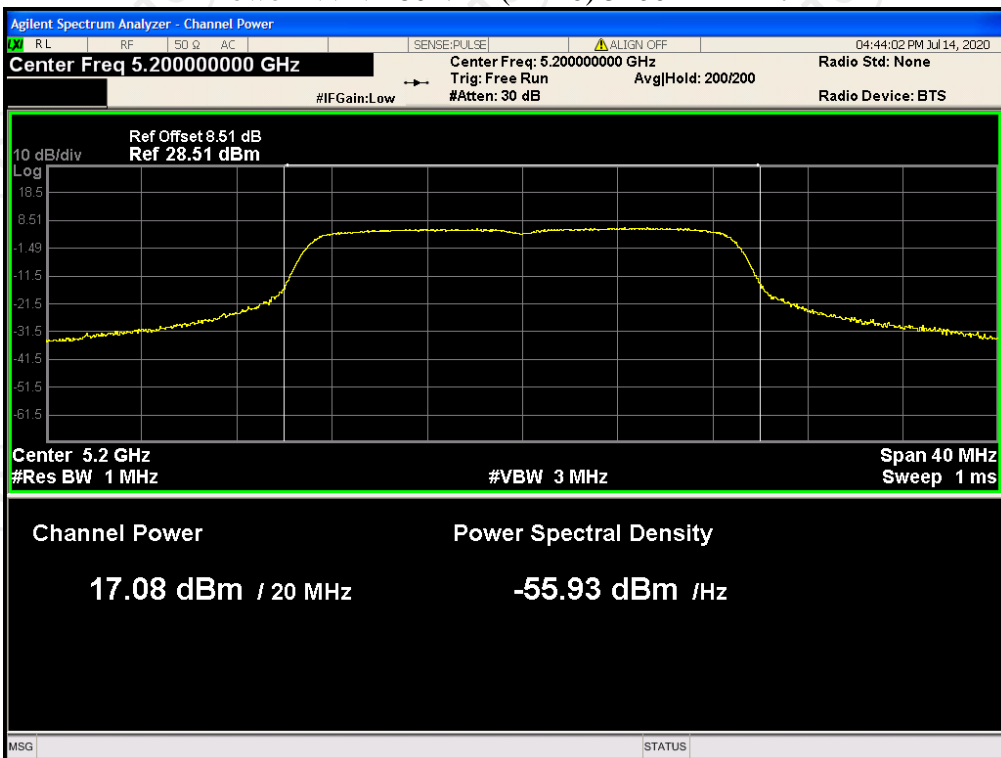


Power NVNT 802.11n(HT20) 5180MHz Ant1

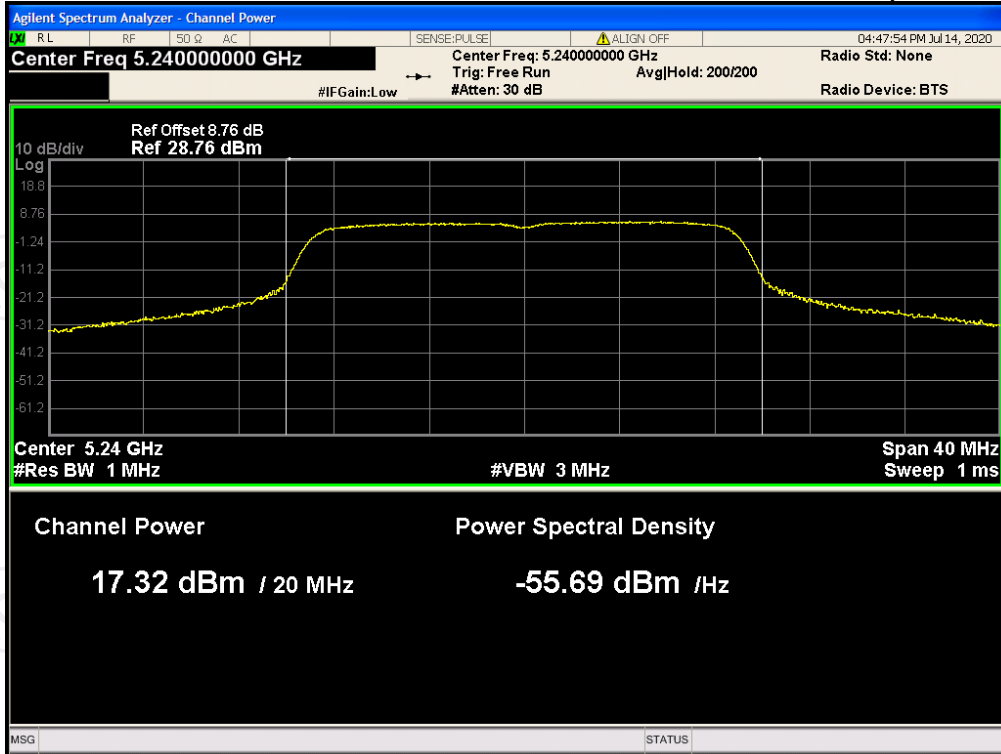




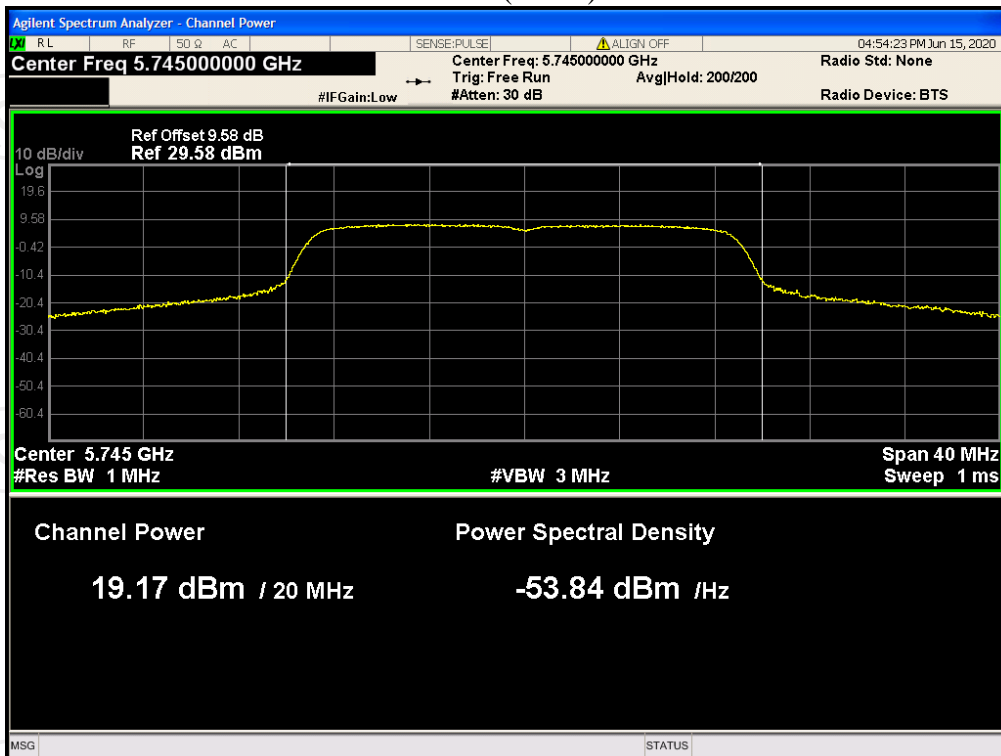
Power NVNT 802.11n(HT20) 5200MHz Ant1



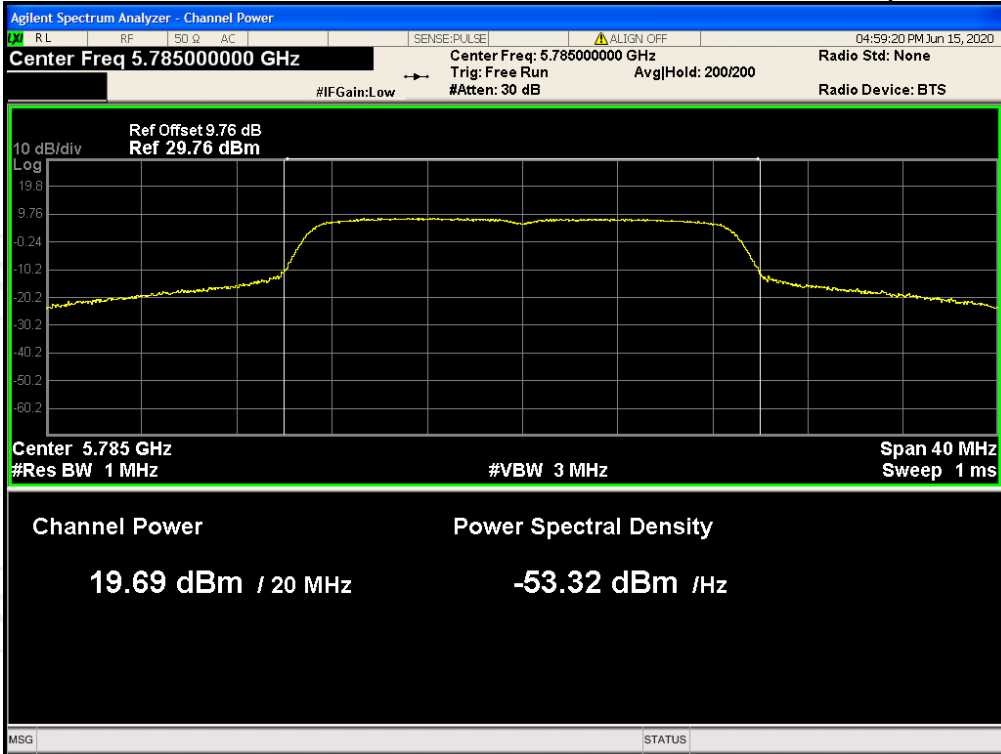
Power NVNT 802.11n(HT20) 5240MHz Ant1



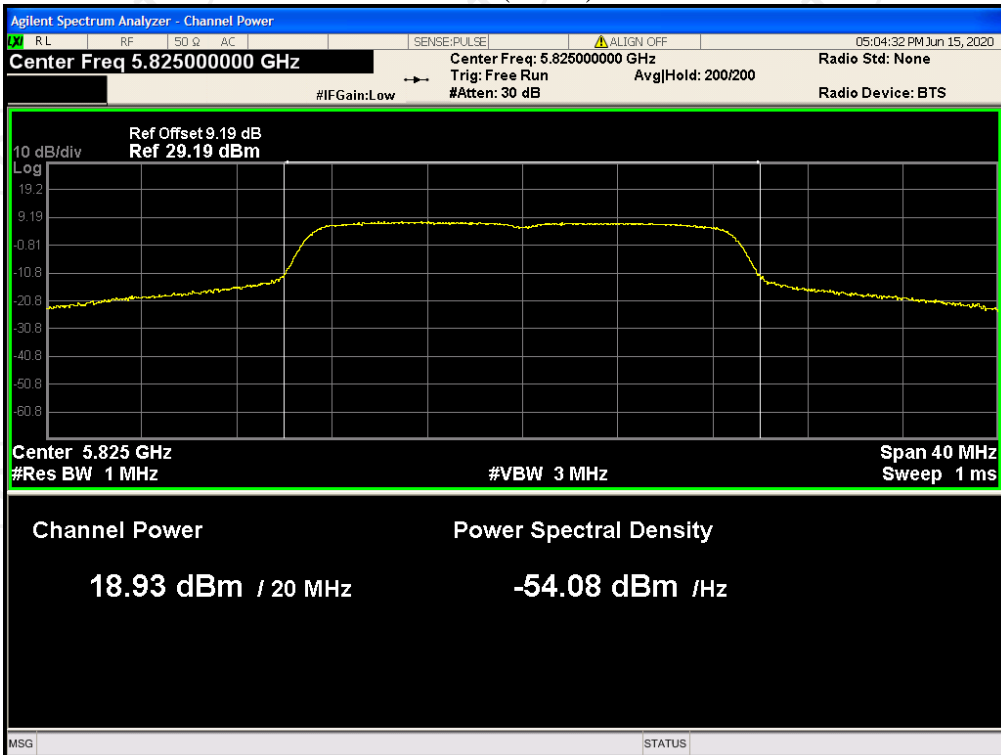
Power NVNT 802.11n(HT20) 5745MHz Ant1



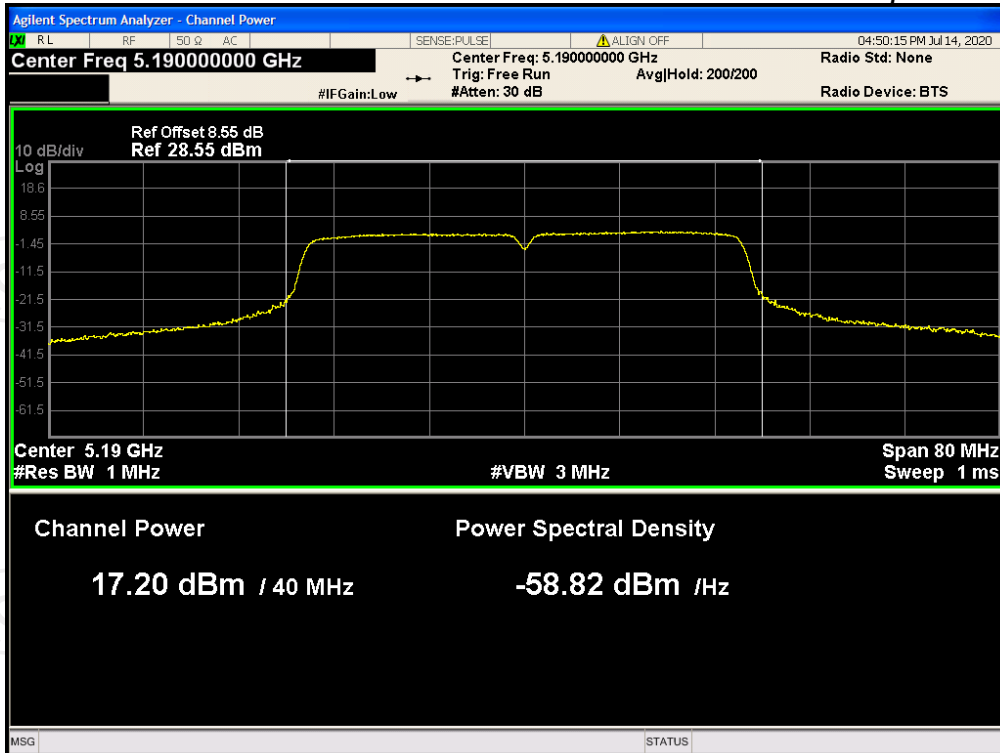
Power NVNT 802.11n(HT20) 5785MHz Ant1



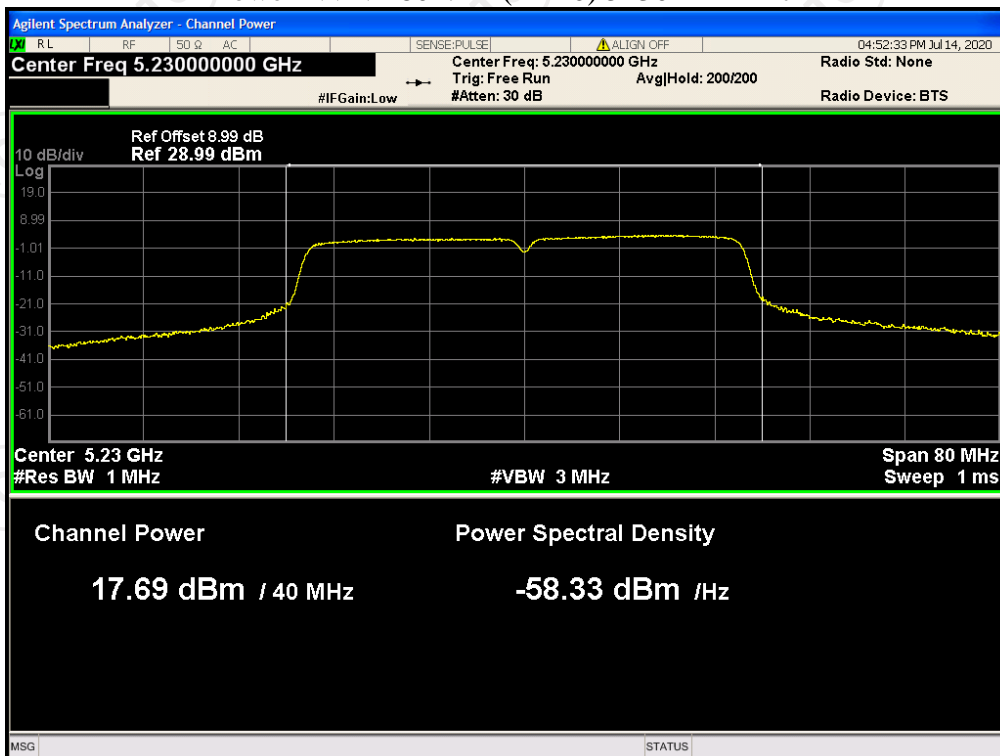
Power NVNT 802.11n(HT20) 5825MHz Ant1



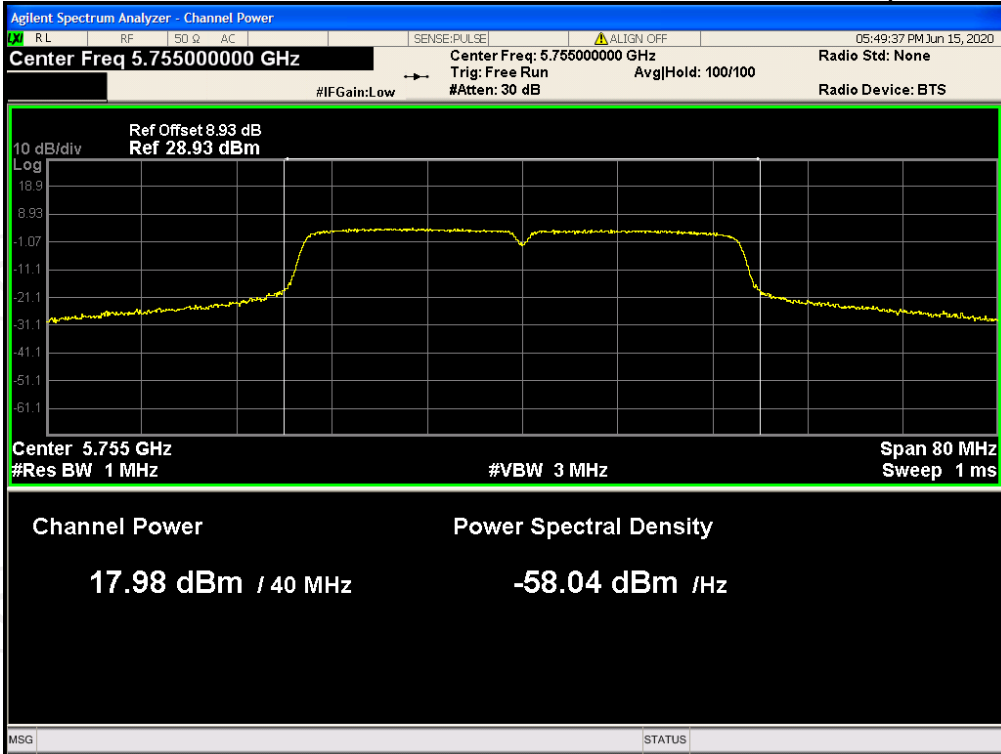
Power NVNT 802.11n(HT40) 5190MHz Ant1



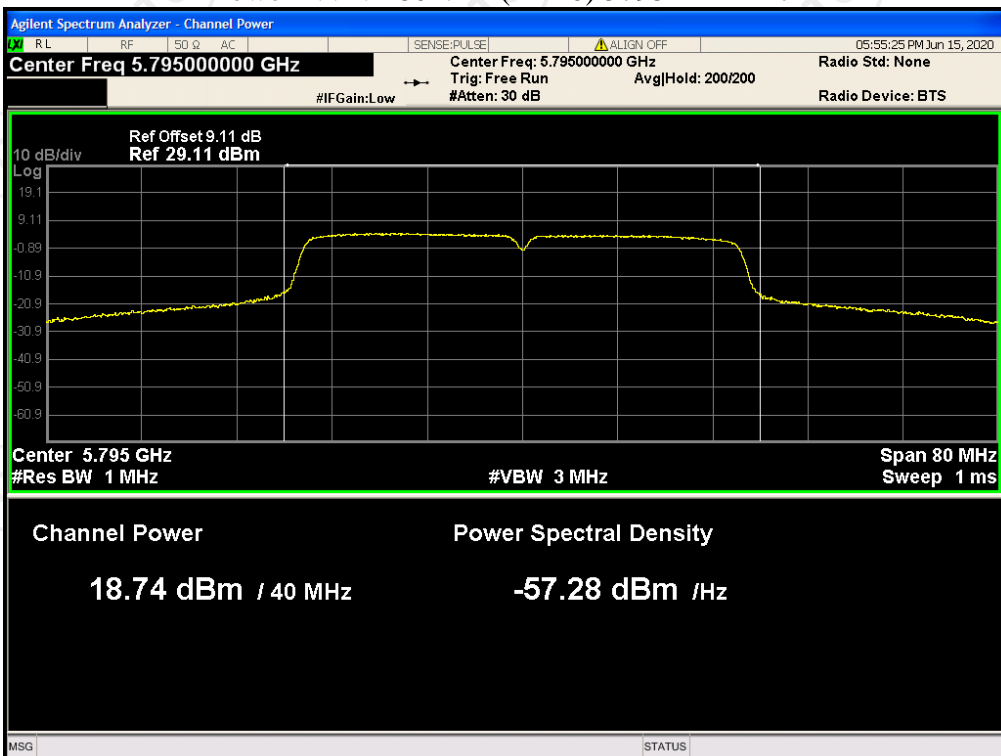
Power NVNT 802.11n(HT40) 5230MHz Ant1



Power NVNT 802.11n(HT40) 5755MHz Ant1



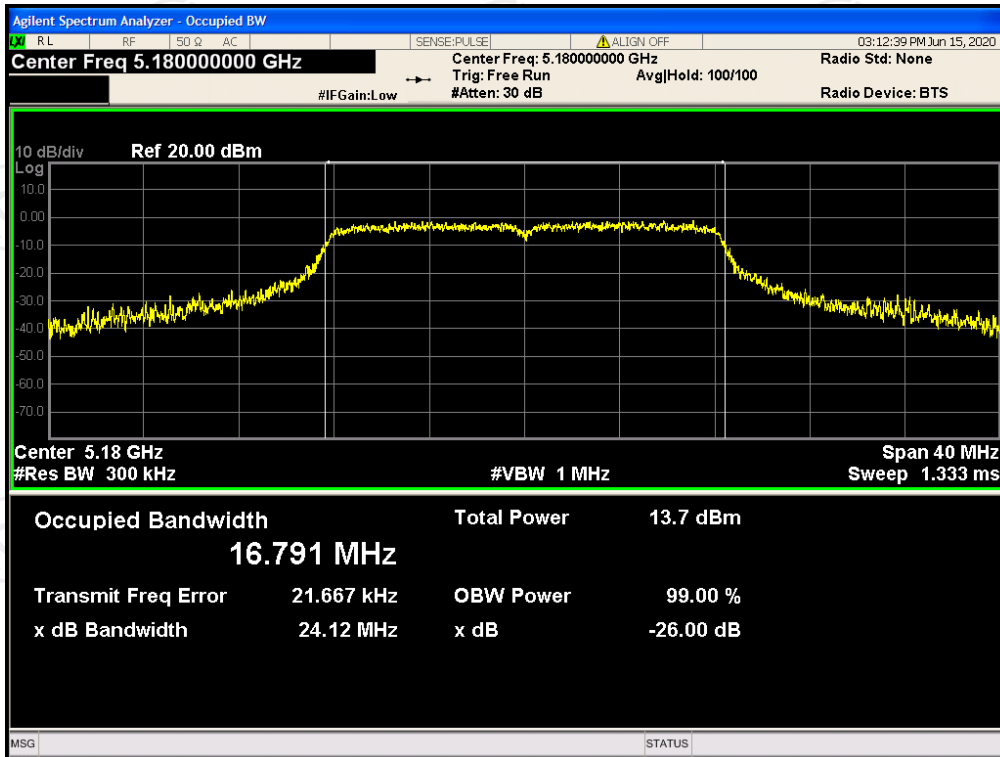
Power NVNT 802.11n(HT40) 5795MHz Ant1



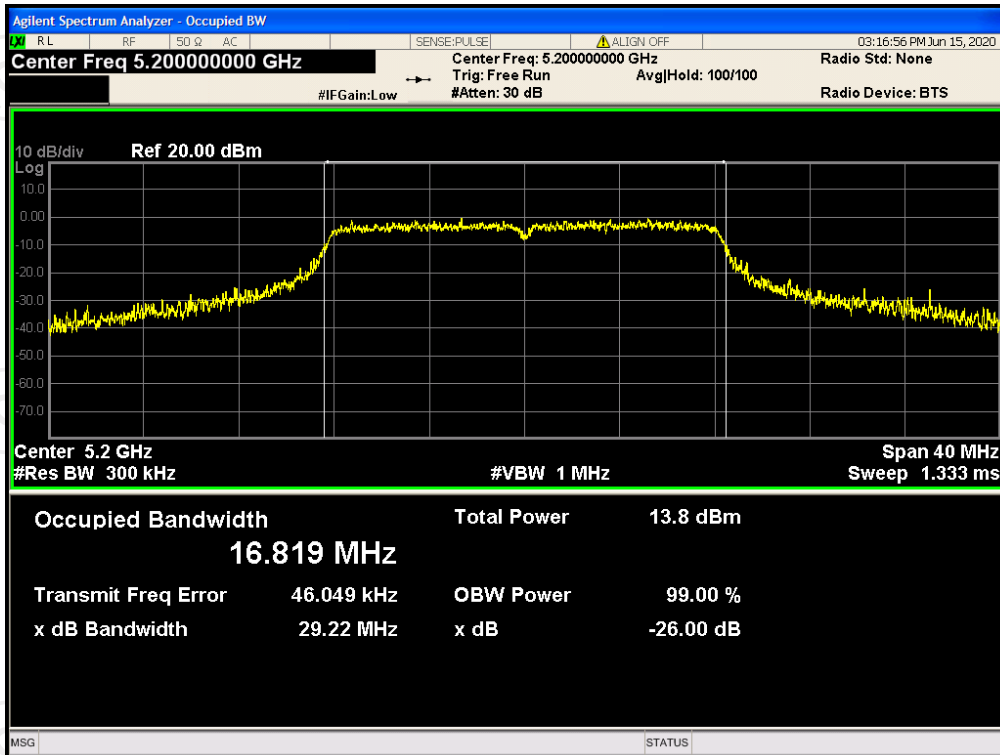
### Occupied Channel Bandwidth

Condition	Mode	Frequency (MHz)	Antenna	99% OBW (MHz)	-26 dB Bandwidth (MHz)
NVNT	802.11a	5180	Ant1	16.791	24.12
NVNT	802.11a	5200	Ant1	16.819	29.22
NVNT	802.11a	5240	Ant1	17.080	27.22
NVNT	802.11a	5745	Ant1	17.110	/
NVNT	802.11a	5785	Ant1	17.558	/
NVNT	802.11a	5825	Ant1	17.703	/
NVNT	802.11n(HT20)	5180	Ant1	17.883	23.52
NVNT	802.11n(HT20)	5200	Ant1	17.972	26.73
NVNT	802.11n(HT20)	5240	Ant1	18.005	28.82
NVNT	802.11n(HT20)	5745	Ant1	18.240	/
NVNT	802.11n(HT20)	5785	Ant1	18.698	/
NVNT	802.11n(HT20)	5825	Ant1	18.827	/
NVNT	802.11n(HT40)	5190	Ant1	36.508	46.89
NVNT	802.11n(HT40)	5230	Ant1	36.687	53.40
NVNT	802.11n(HT40)	5755	Ant1	36.766	/
NVNT	802.11n(HT40)	5795	Ant1	36.829	/

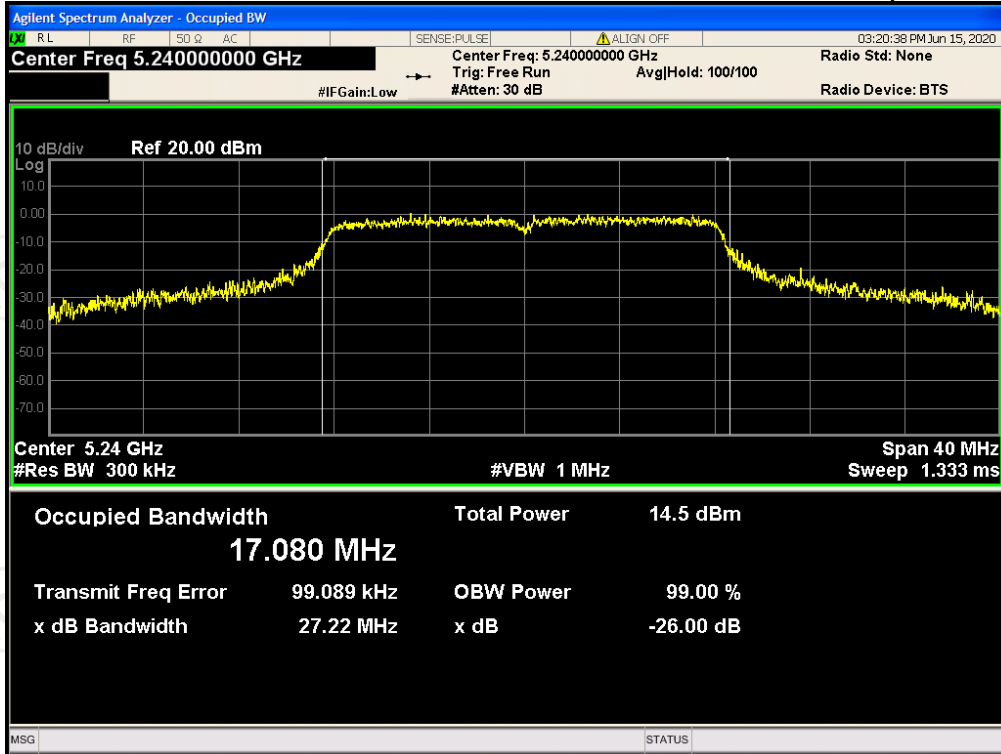
OBW NVNT 802.11a 5180MHz Ant1



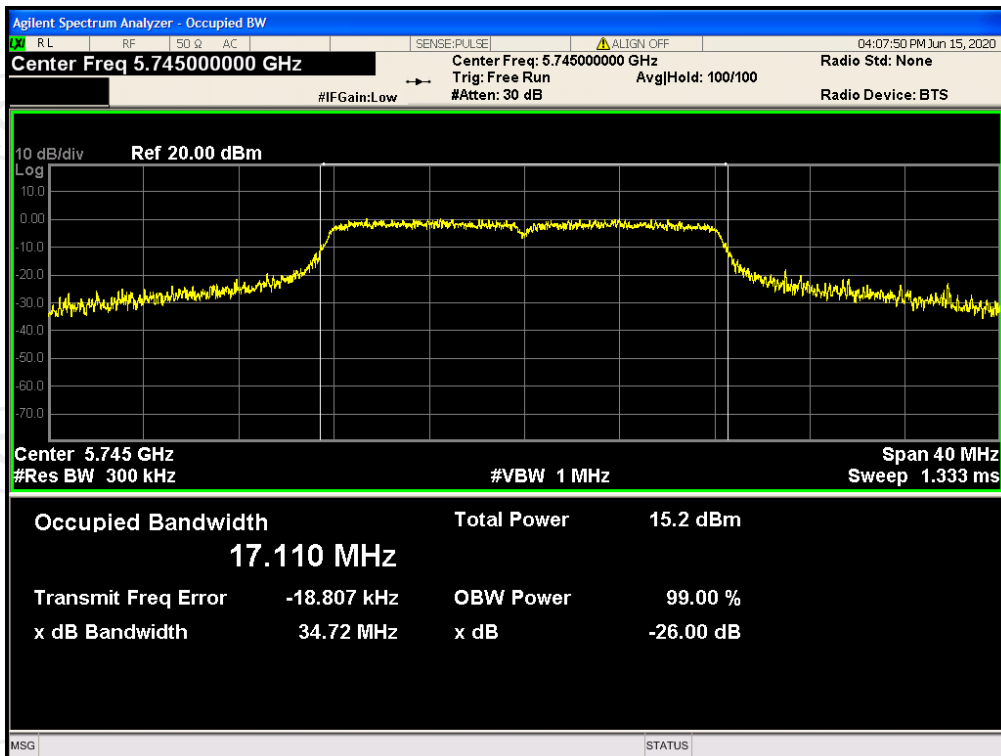
OBW NVNT 802.11a 5200MHz Ant1



OBW NVNT 802.11a 5240MHz Ant1

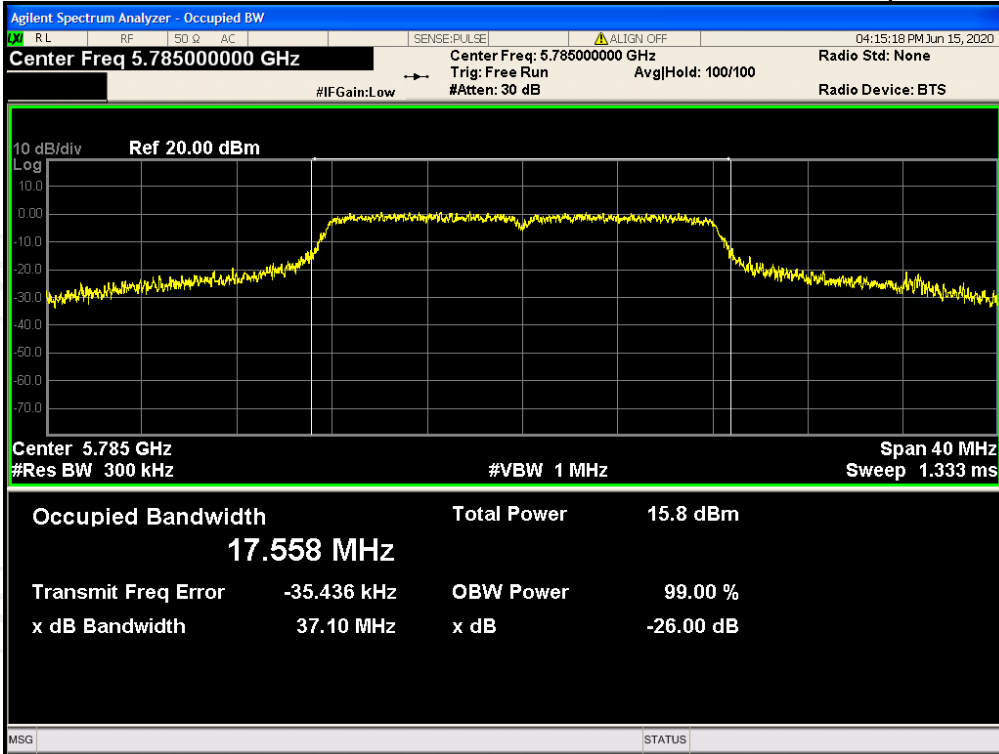


OBW NVNT 802.11a 5745MHz Ant1

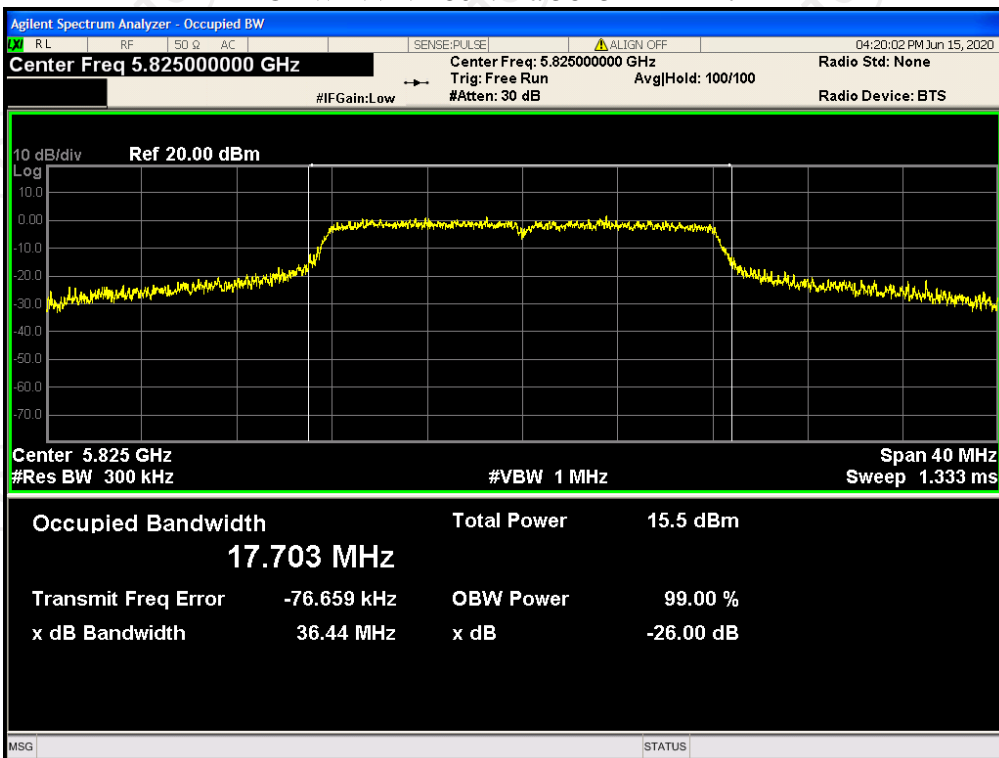


OBW NVNT 802.11a 5785MHz Ant1

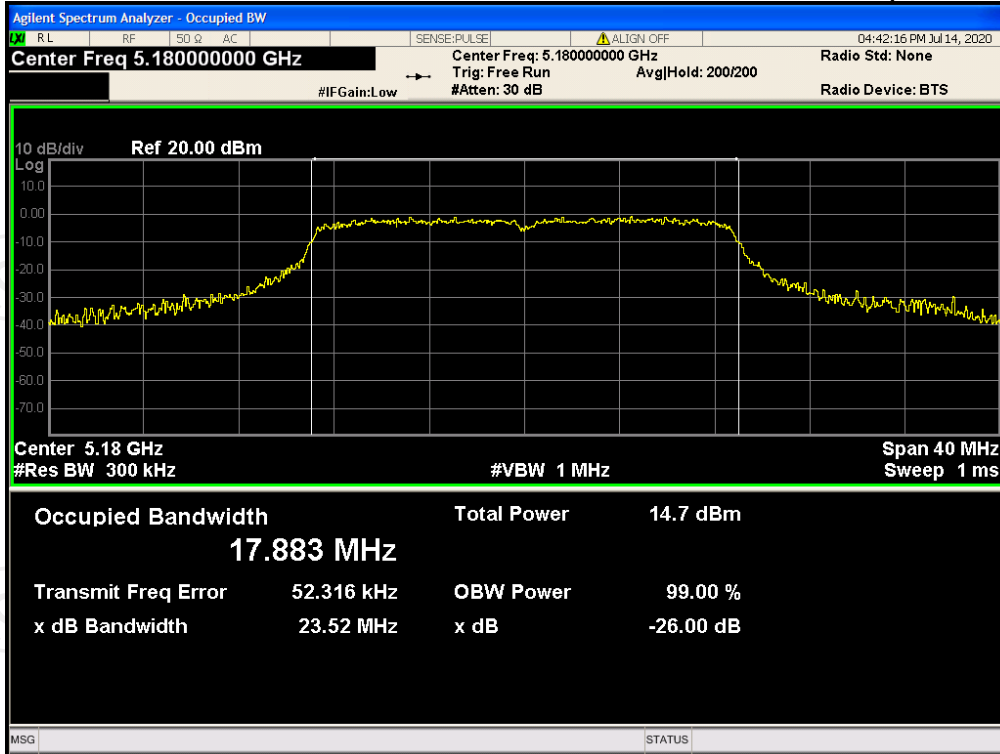




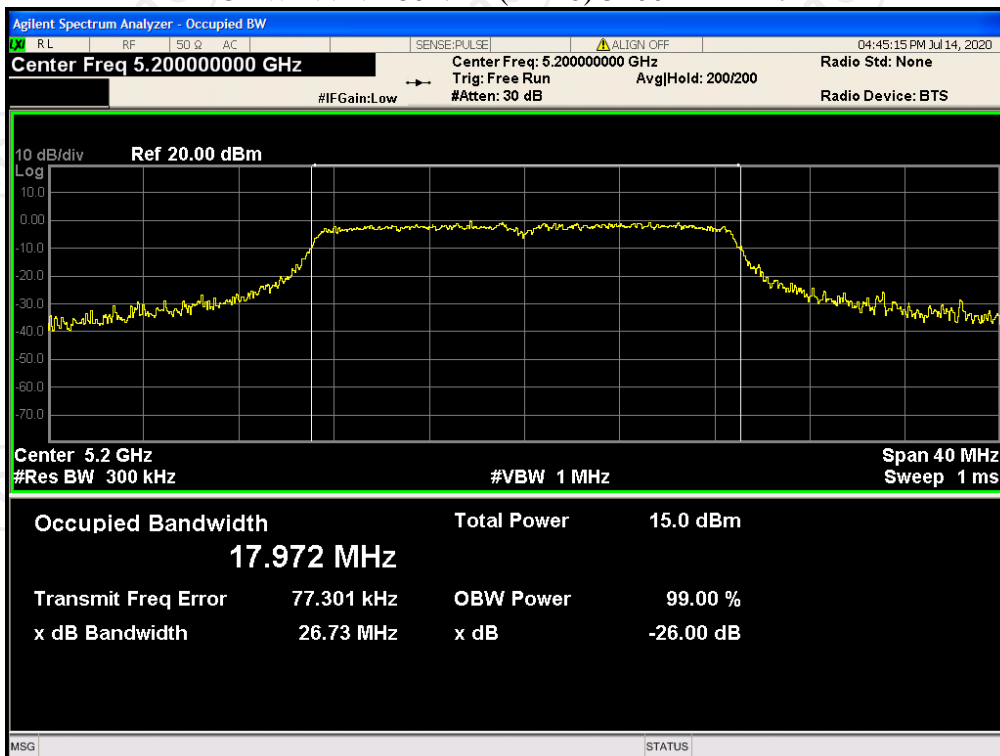
OBW NVNT 802.11a 5825MHz Ant1



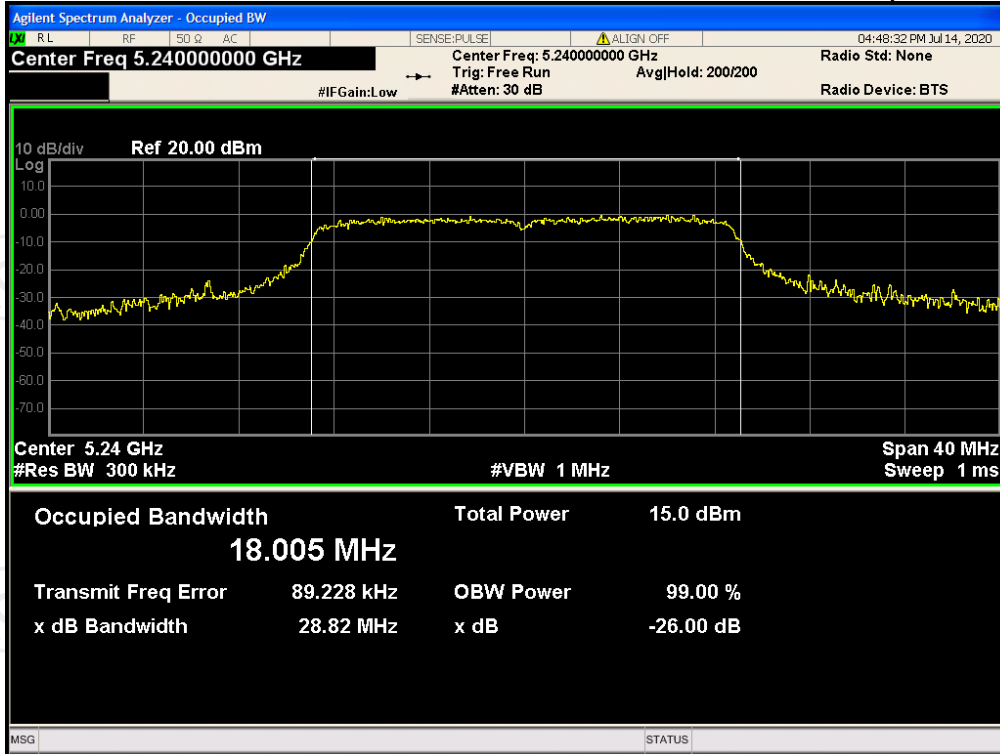
OBW NVNT 802.11n(HT20) 5180MHz Ant1



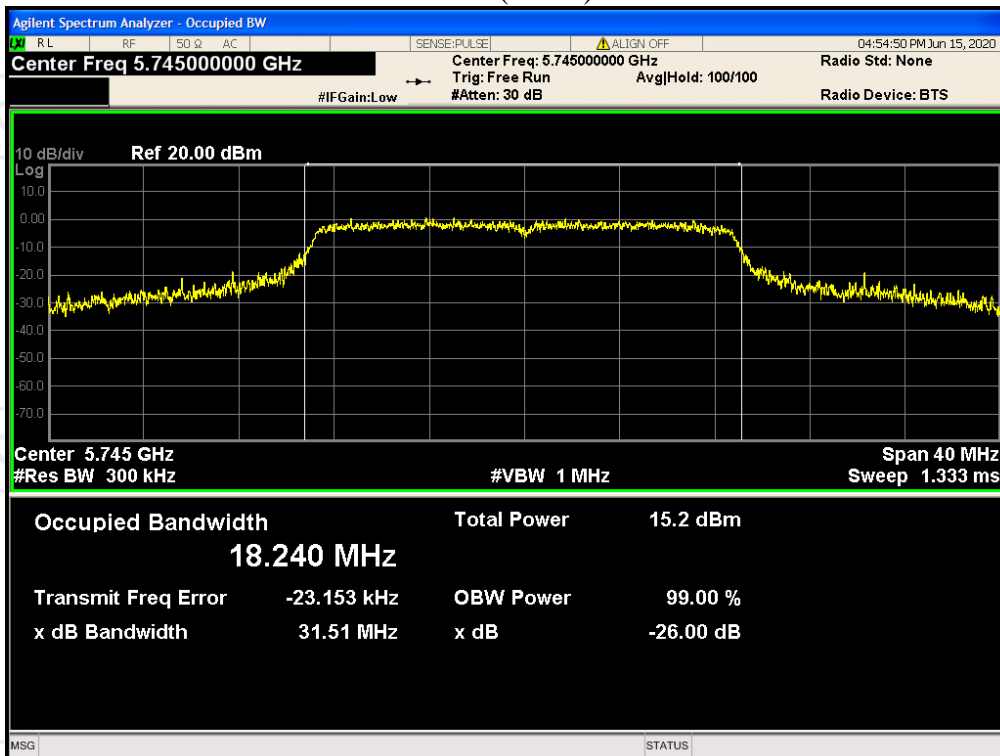
OBW NVNT 802.11n(HT20) 5200MHz Ant1



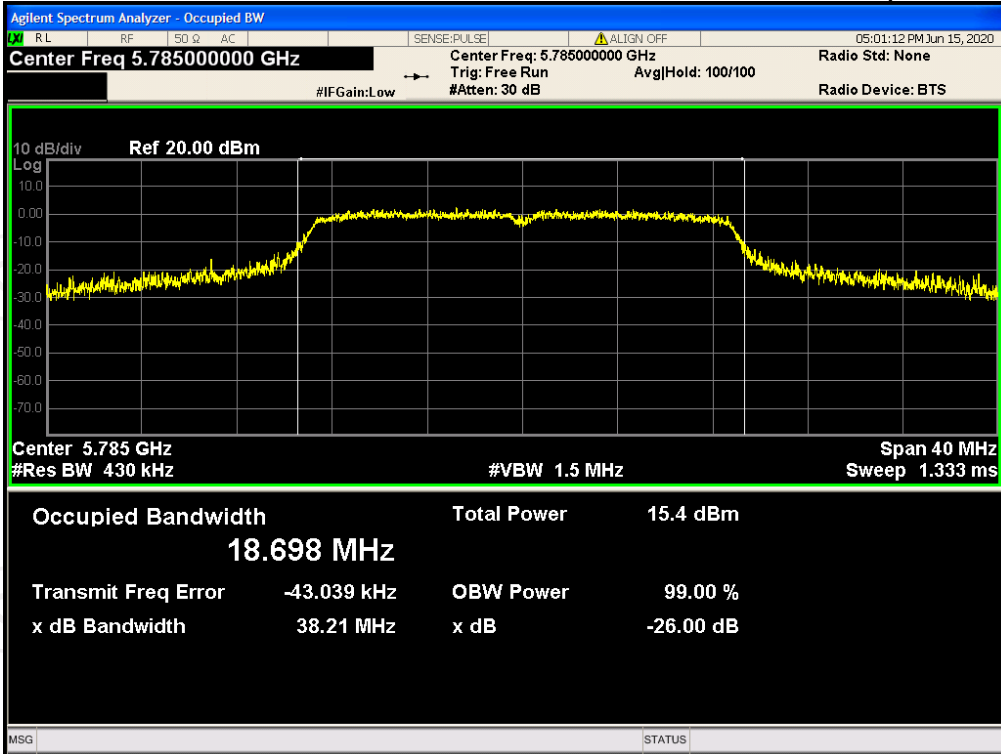
OBW NVNT 802.11n(HT20) 5240MHz Ant1



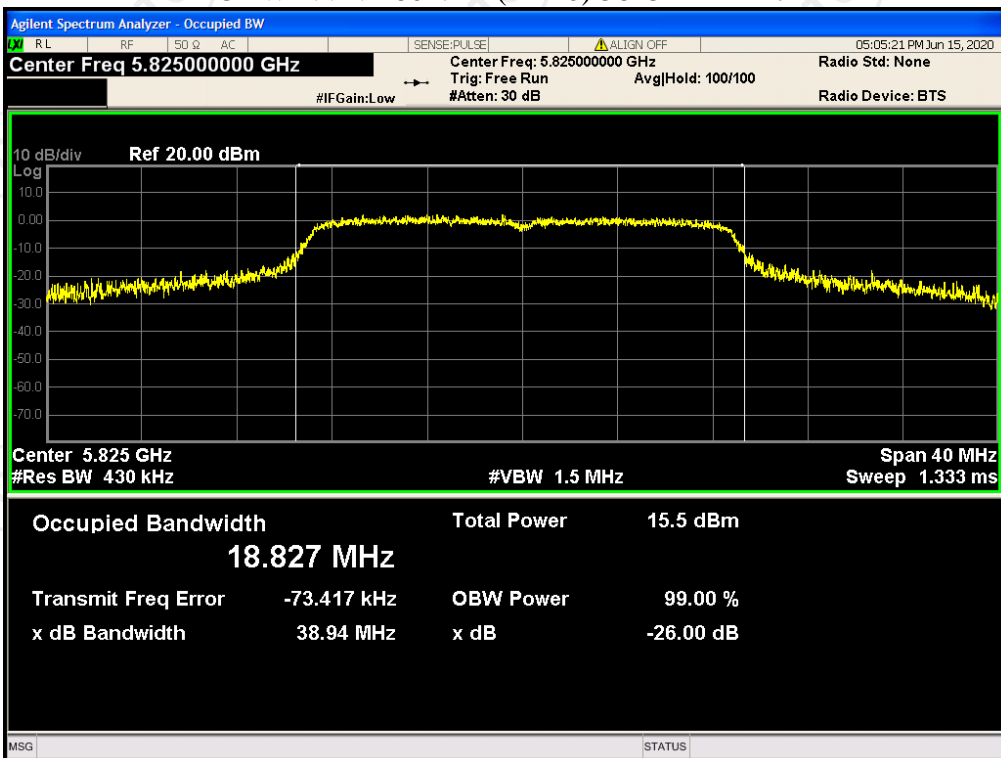
OBW NVNT 802.11n(HT20) 5745MHz Ant1



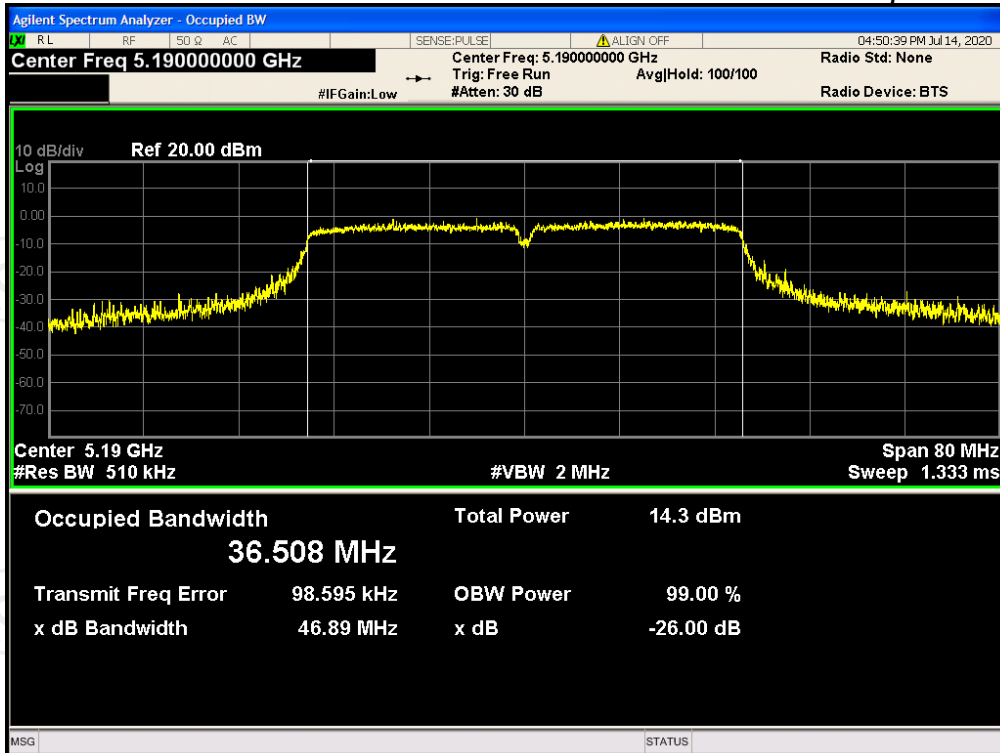
OBW NVNT 802.11n(HT20) 5785MHz Ant1



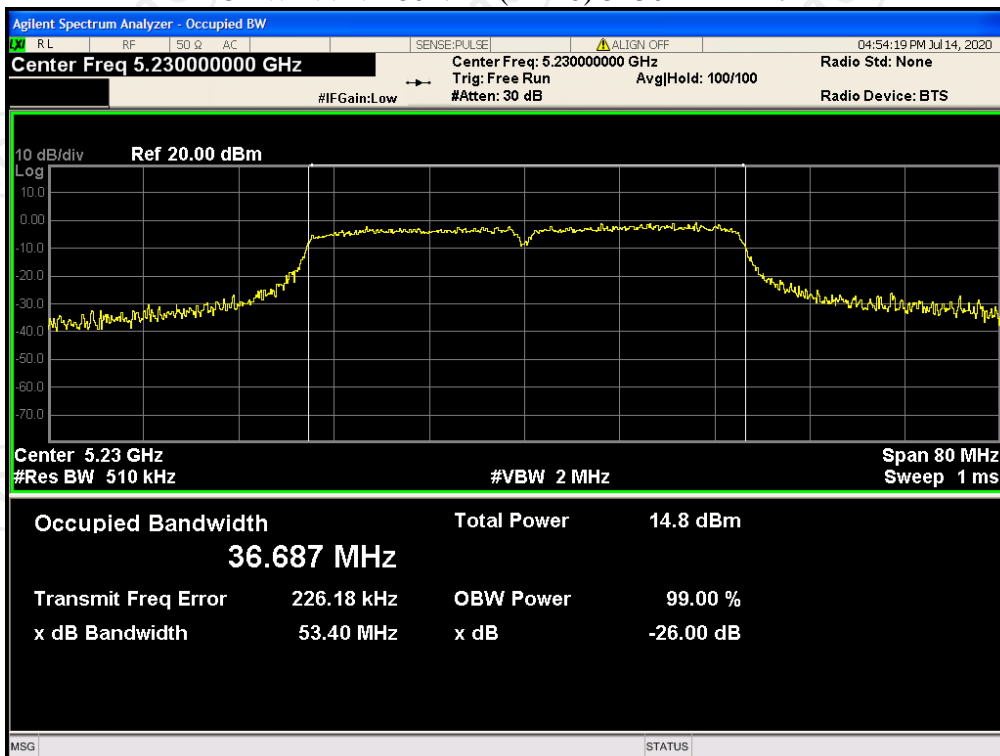
OBW NVNT 802.11n(HT20) 5825MHz Ant1



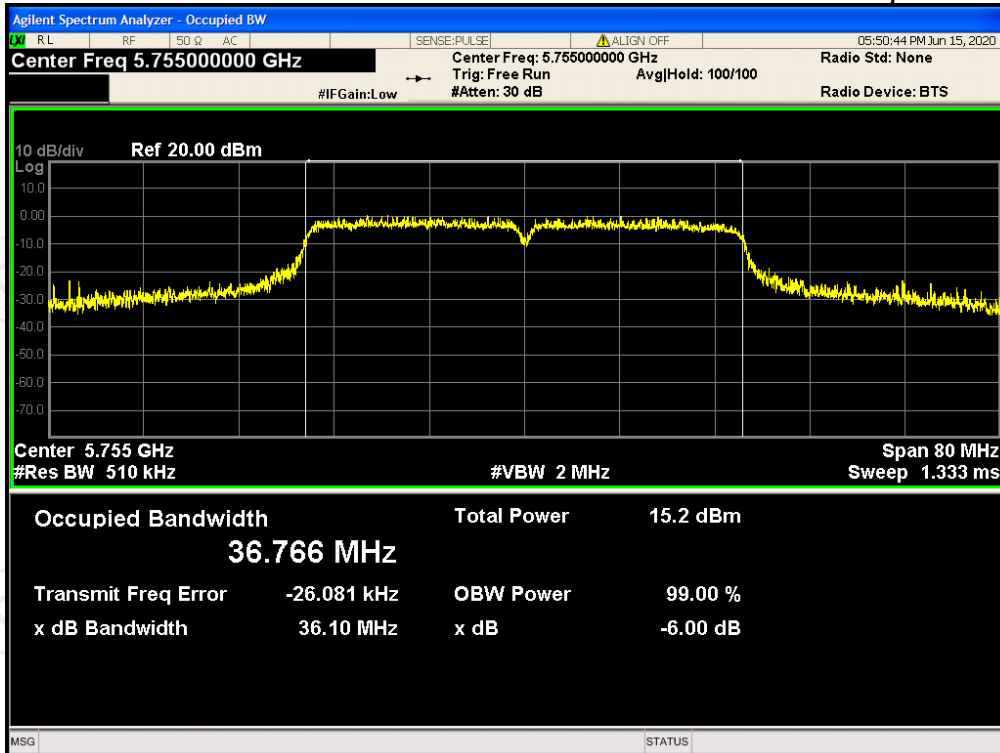
OBW NVNT 802.11n(HT40) 5190MHz Ant1



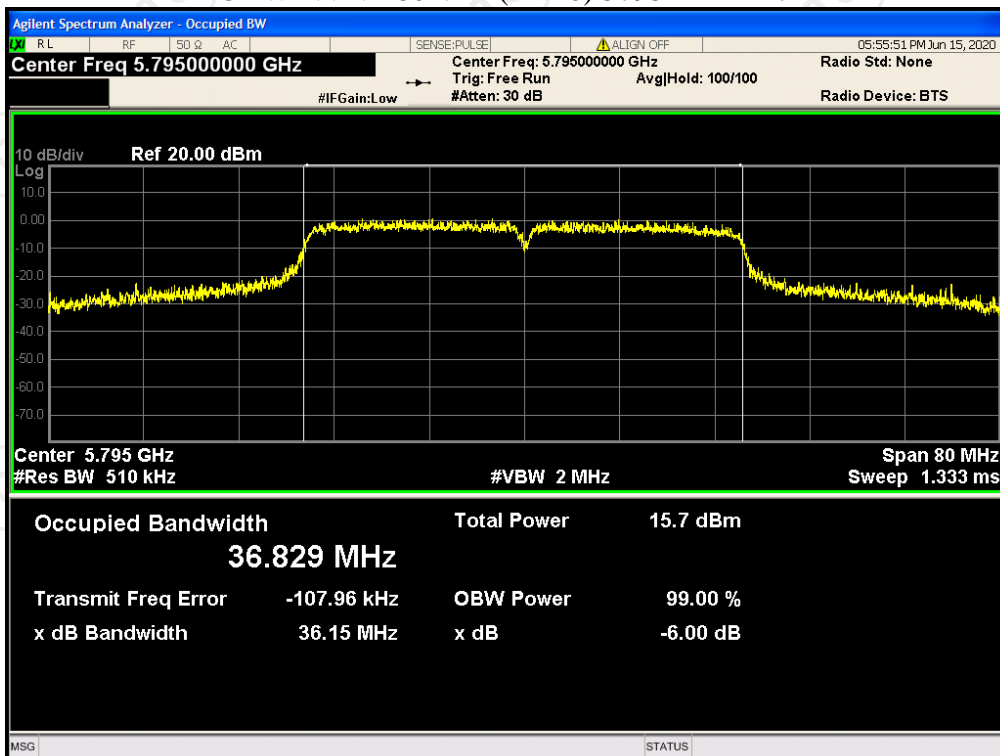
OBW NVNT 802.11n(HT40) 5230MHz Ant1



OBW NVNT 802.11n(HT40) 5755MHz Ant1



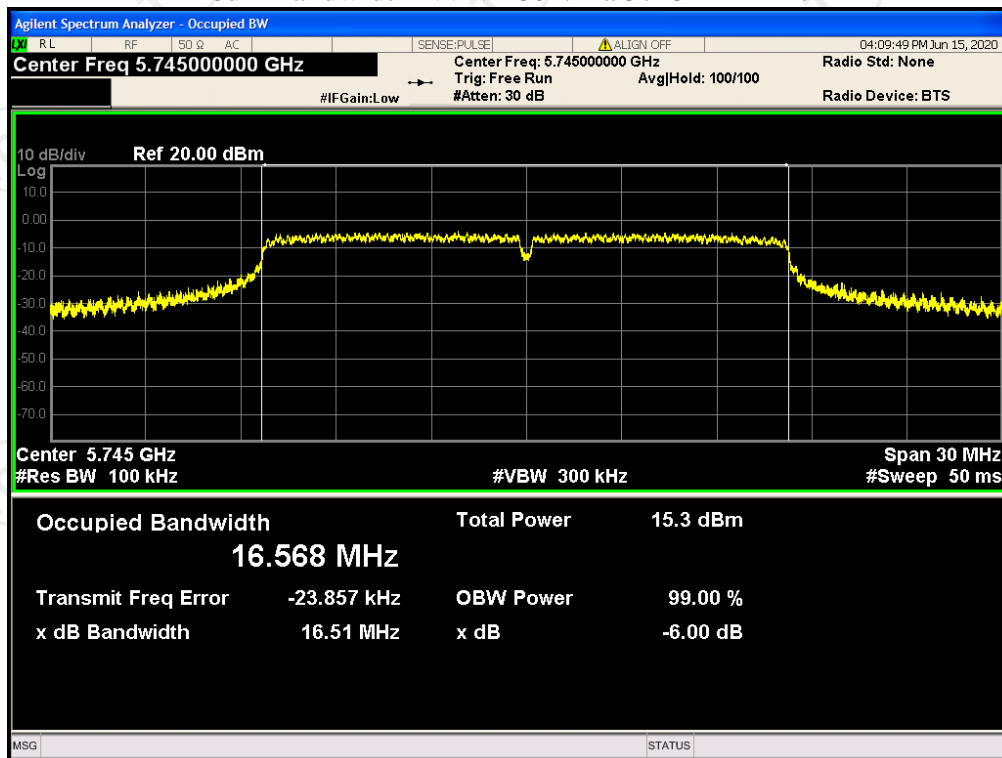
OBW NVNT 802.11n(HT40) 5795MHz Ant1



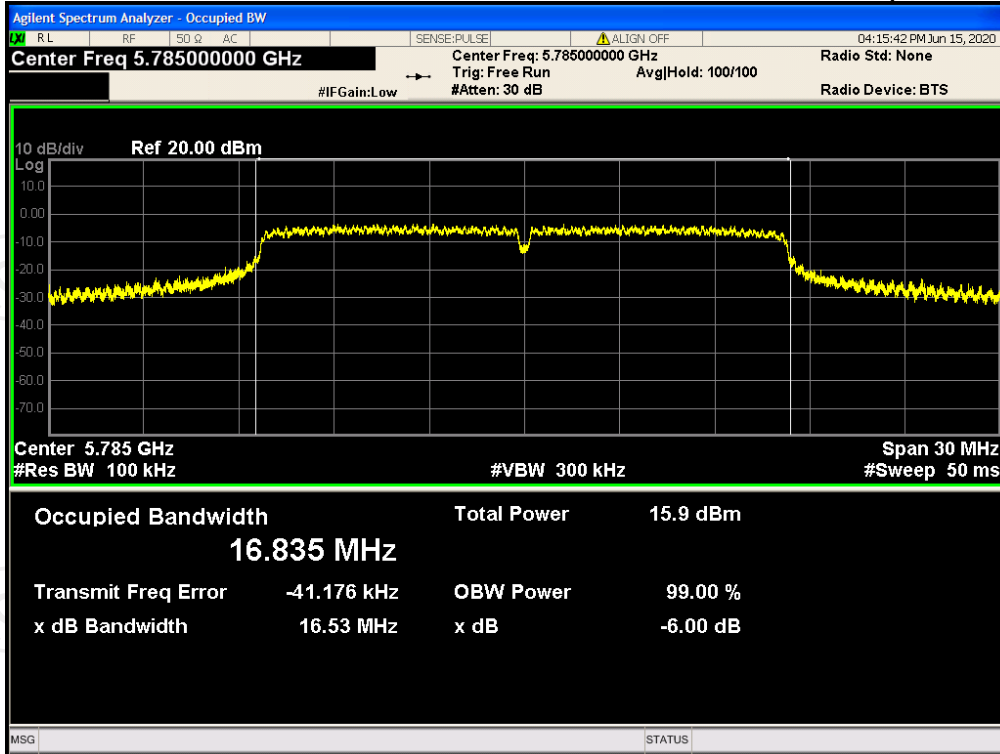
### 6dB Bandwidth

Condition	Mode	Frequency (MHz)	Antenna	-6 dB Bandwidth (MHz)	Limit -6 dB Bandwidth (MHz)	Verdict
NVNT	802.11a	5745	Ant1	16.51	0.5	Pass
NVNT	802.11a	5785	Ant1	16.53	0.5	Pass
NVNT	802.11a	5825	Ant1	16.44	0.5	Pass
NVNT	802.11n(HT20)	5745	Ant1	17.65	0.5	Pass
NVNT	802.11n(HT20)	5785	Ant1	17.63	0.5	Pass
NVNT	802.11n(HT20)	5825	Ant1	17.67	0.5	Pass
NVNT	802.11n(HT40)	5755	Ant1	36.47	0.5	Pass
NVNT	802.11n(HT40)	5795	Ant1	36.46	0.5	Pass

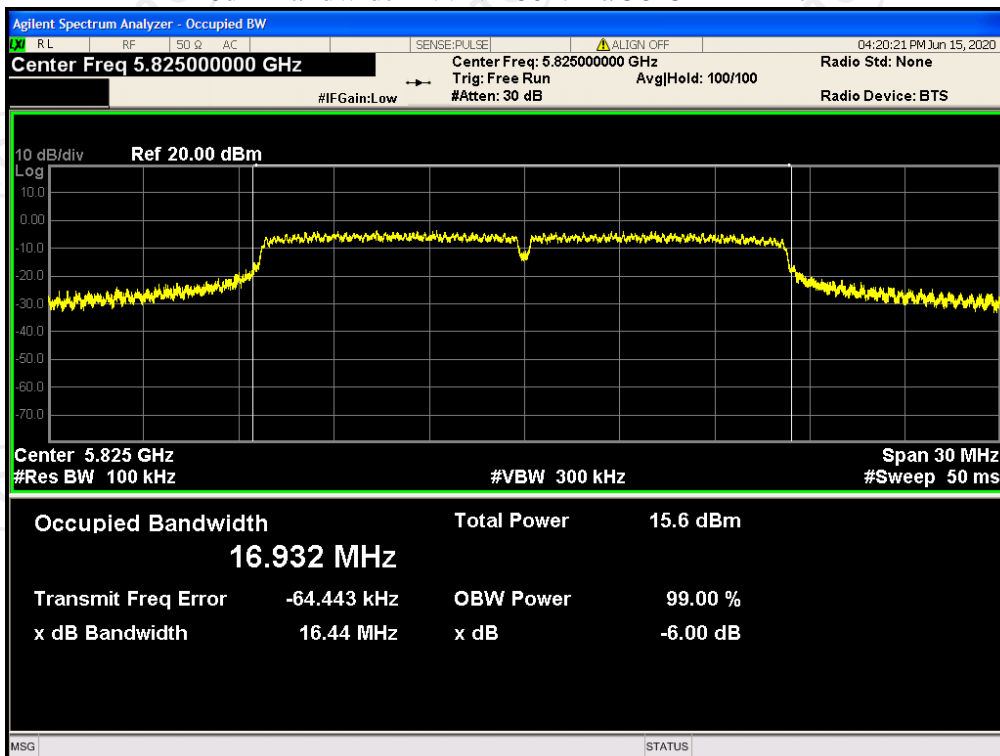
-6dB Bandwidth NVNT 802.11a 5745MHz Ant1



-6dB Bandwidth NVNT 802.11a 5785MHz Ant1

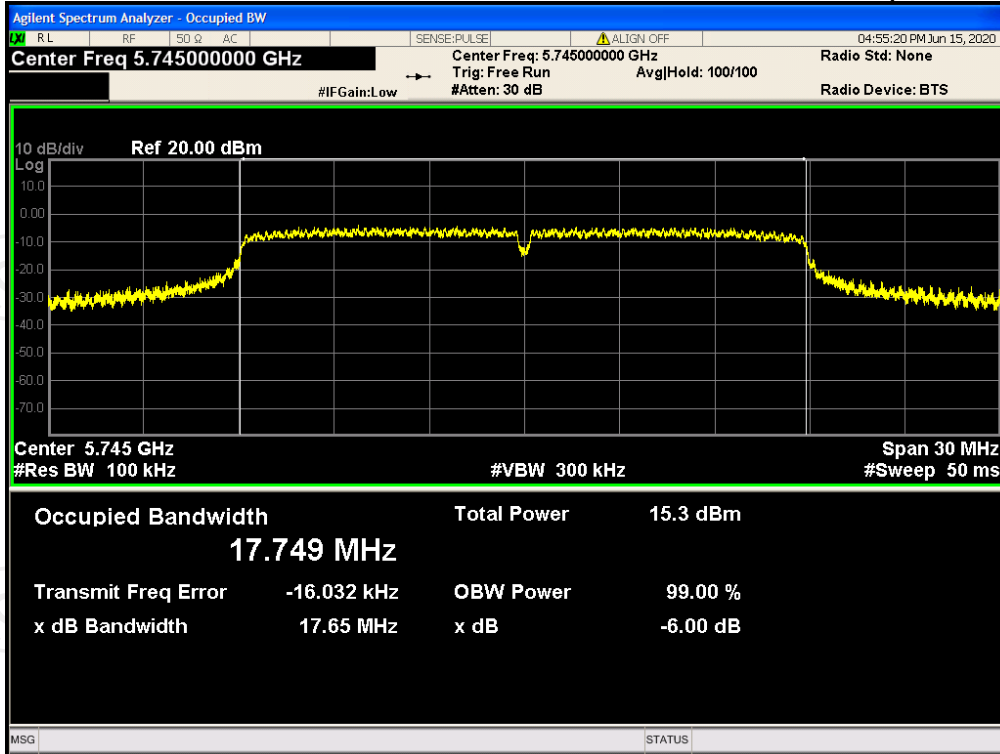


-6dB Bandwidth NVNT 802.11a 5825MHz Ant1

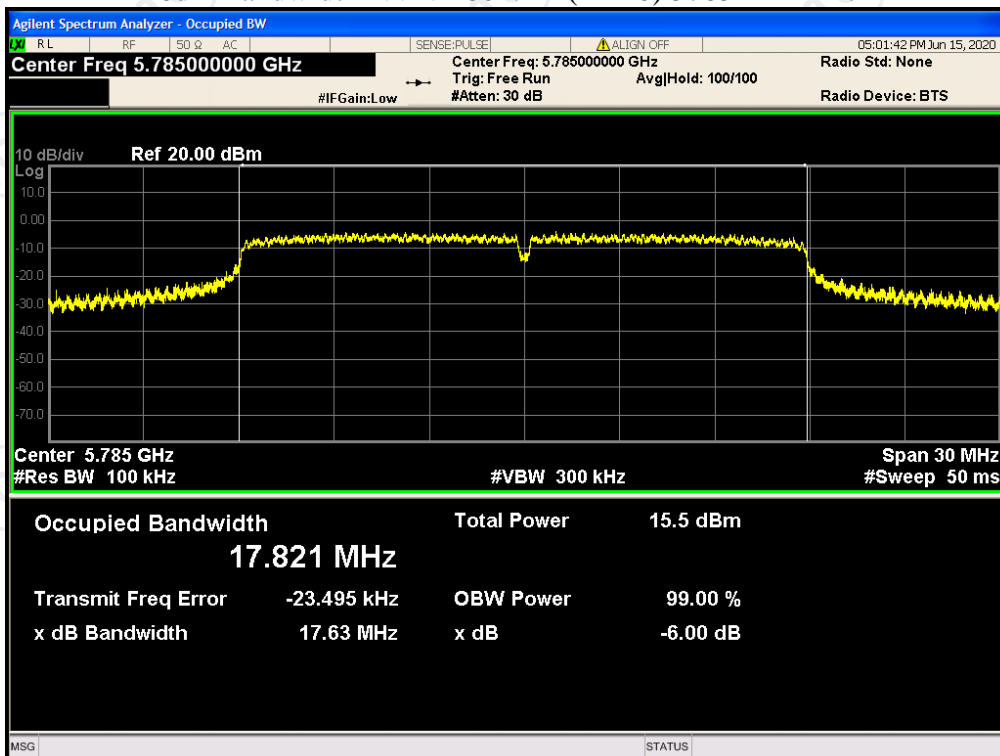


-6dB Bandwidth NVNT 802.11n(HT20) 5745MHz Ant1

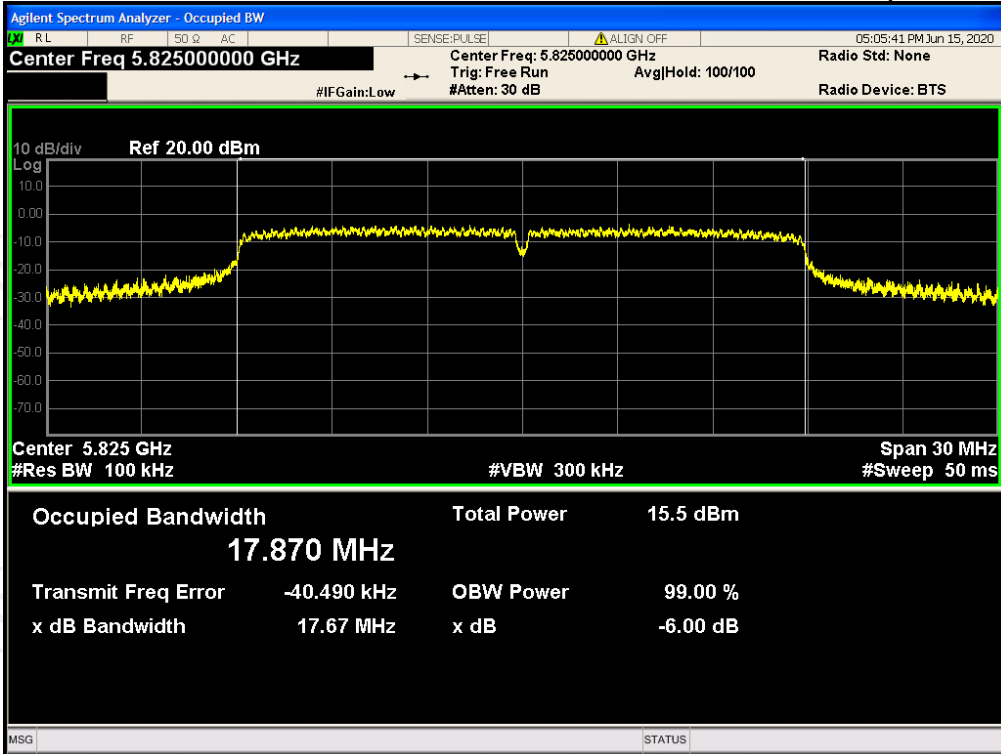




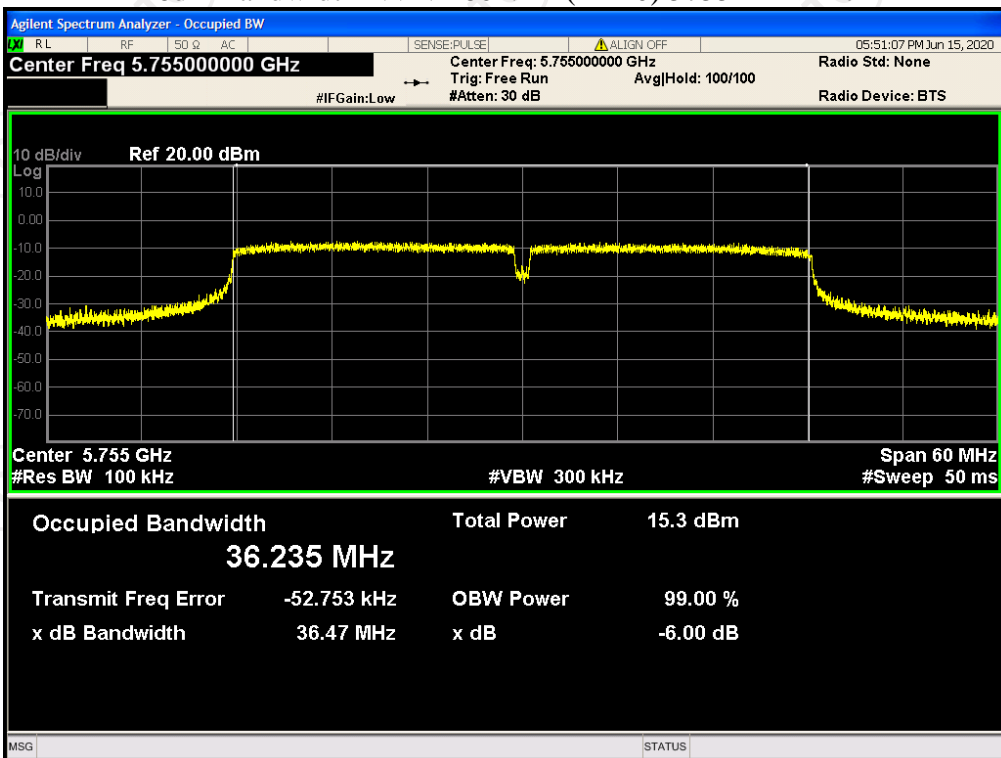
-6dB Bandwidth NVNT 802.11n(HT20) 5785MHz Ant1



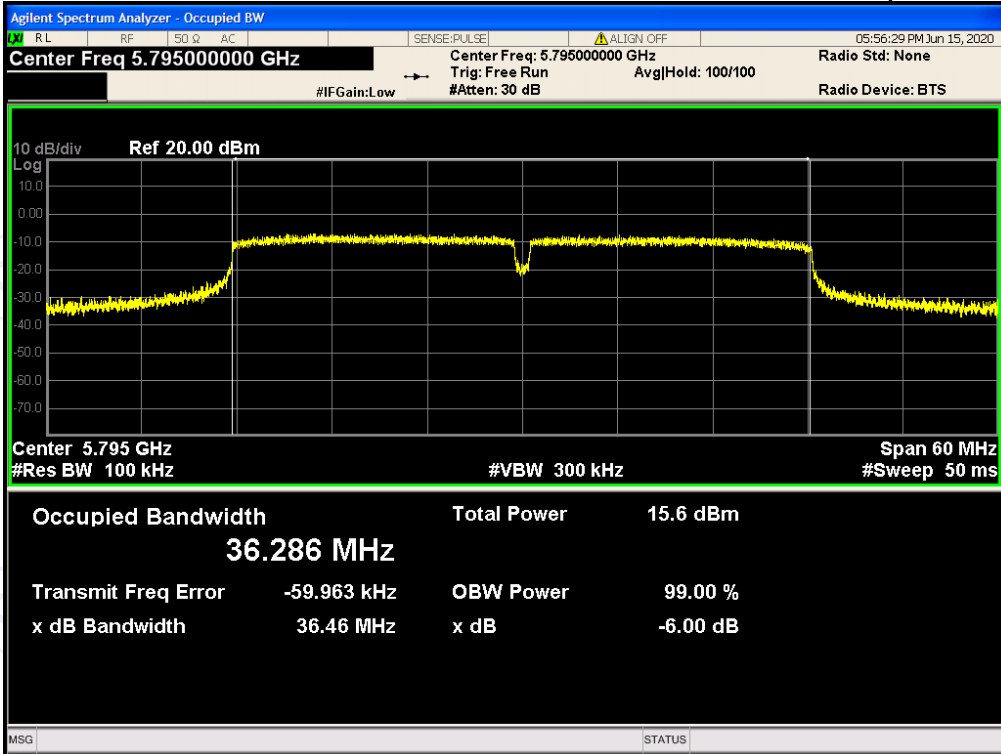
-6dB Bandwidth NVNT 802.11n(HT20) 5825MHz Ant1



-6dB Bandwidth NVNT 802.11n(HT40) 5755MHz Ant1



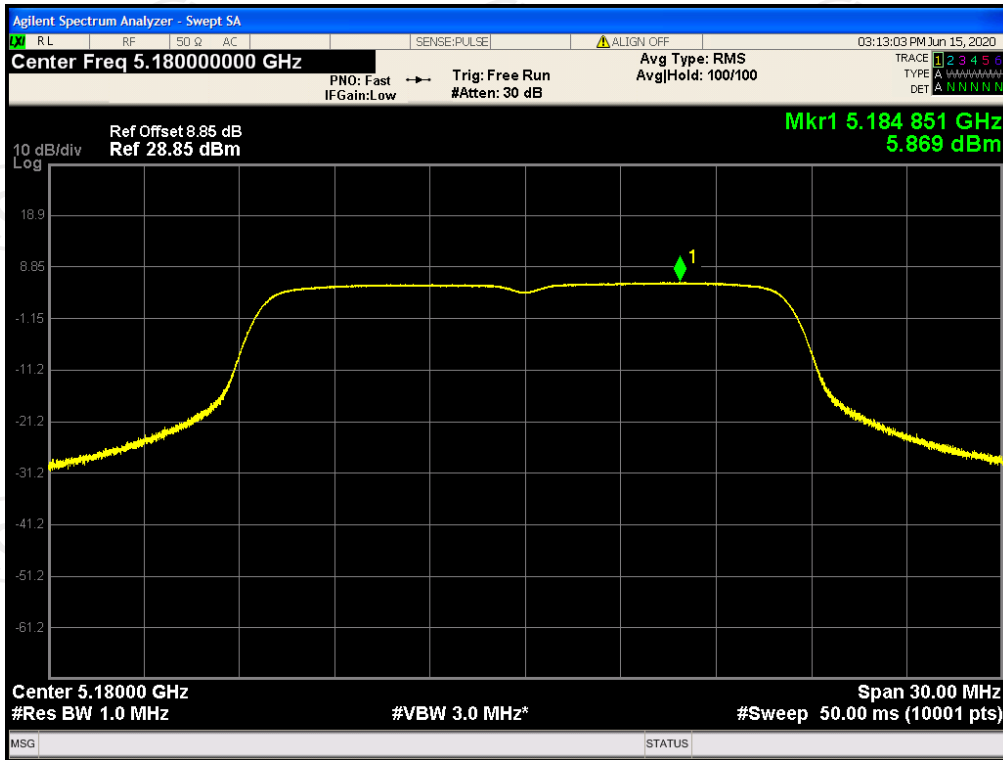
-6dB Bandwidth NVNT 802.11n(HT40) 5795MHz Ant1



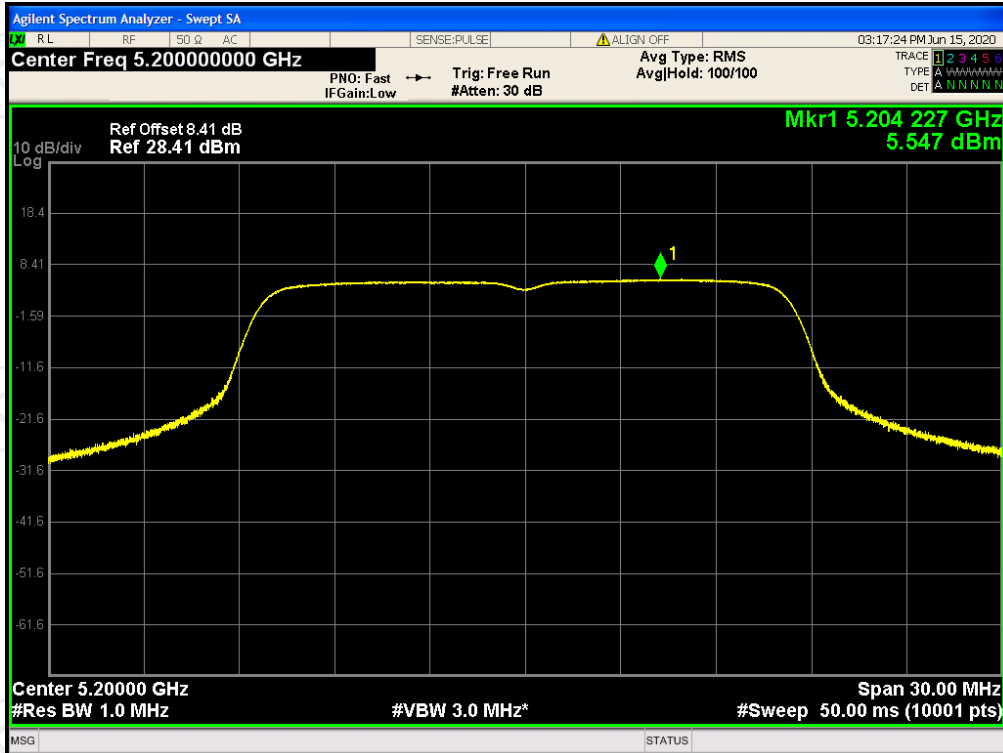
### Maximum Power Spectral Density Level

Condition	Mode	Frequency (MHz)	Antenna	Max PSD (dBm)	Limit (dBm)	Verdict
NVNT	802.11a	5180	Ant1	5.869	17.0	Pass
NVNT	802.11a	5200	Ant1	5.547	17.0	Pass
NVNT	802.11a	5240	Ant1	6.505	17.0	Pass
NVNT	802.11a	5745	Ant1	5.304	30.0	Pass
NVNT	802.11a	5785	Ant1	5.959	30.0	Pass
NVNT	802.11a	5825	Ant1	5.094	30.0	Pass
NVNT	802.11n(HT20)	5180	Ant1	5.614	16.79	Pass
NVNT	802.11n(HT20)	5200	Ant1	5.709	16.79	Pass
NVNT	802.11n(HT20)	5240	Ant1	6.027	16.79	Pass
NVNT	802.11n(HT20)	5745	Ant1	4.914	28.79	Pass
NVNT	802.11n(HT20)	5785	Ant1	5.341	28.79	Pass
NVNT	802.11n(HT20)	5825	Ant1	4.919	28.79	Pass
NVNT	802.11n(HT40)	5190	Ant1	2.888	16.79	Pass
NVNT	802.11n(HT40)	5230	Ant1	3.593	16.79	Pass
NVNT	802.11n(HT40)	5755	Ant1	1.095	28.79	Pass
NVNT	802.11n(HT40)	5795	Ant1	1.686	28.79	Pass

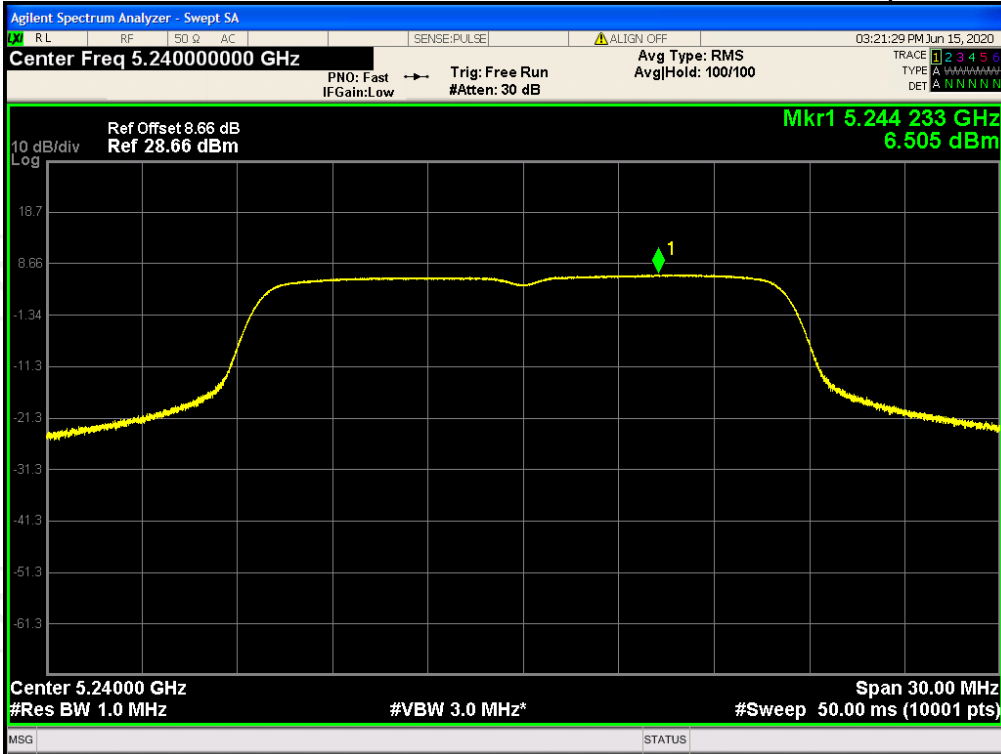
PSD NVNT 802.11a 5180MHz Ant1



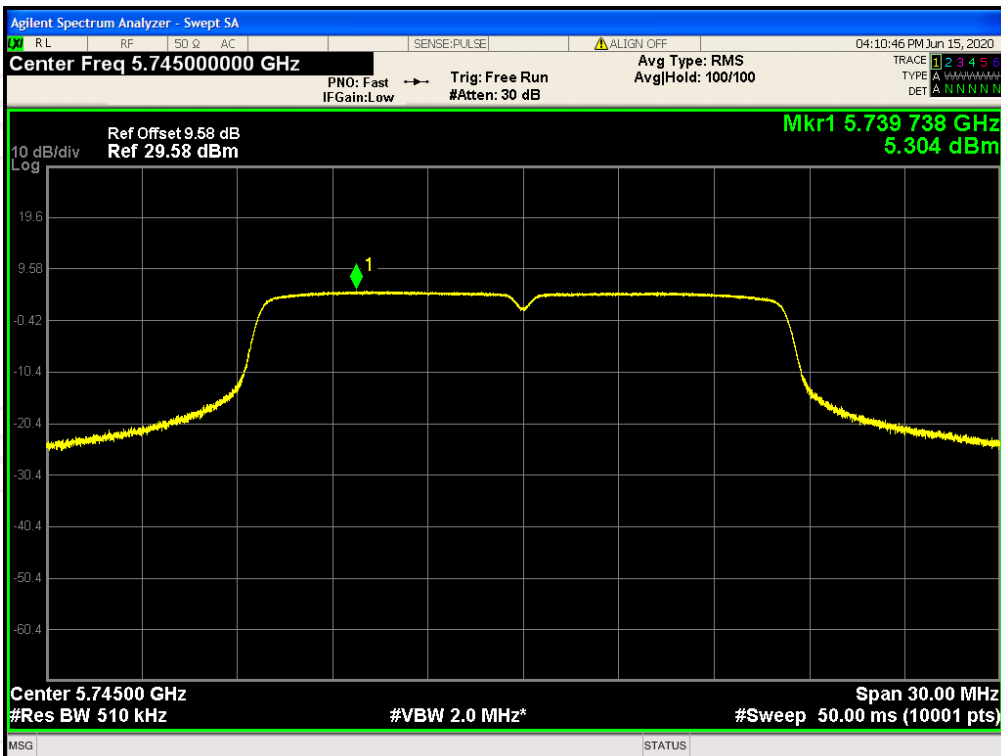
PSD NVNT 802.11a 5200MHz Ant1



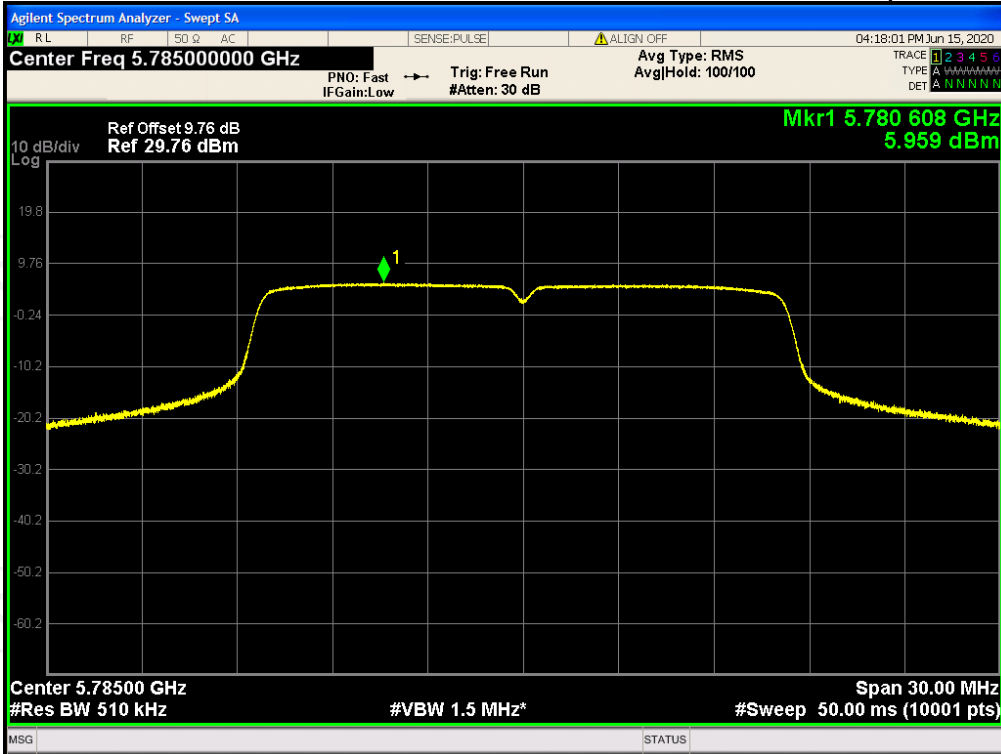
PSD NVNT 802.11a 5240MHz Ant1



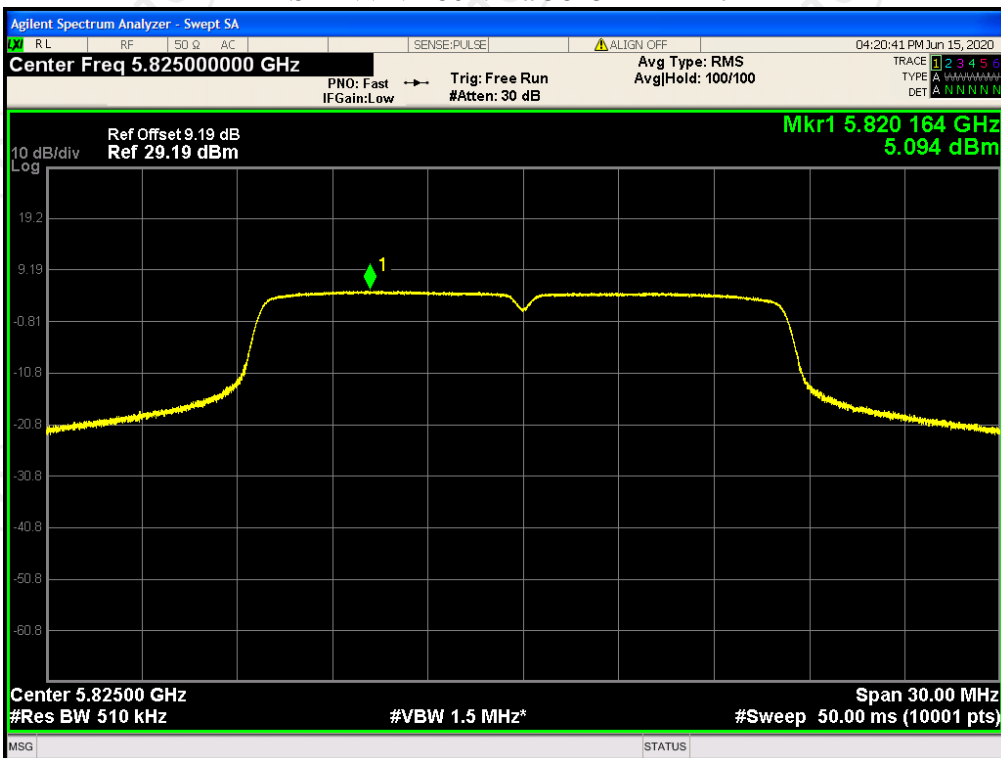
PSD NVNT 802.11a 5745MHz Ant1



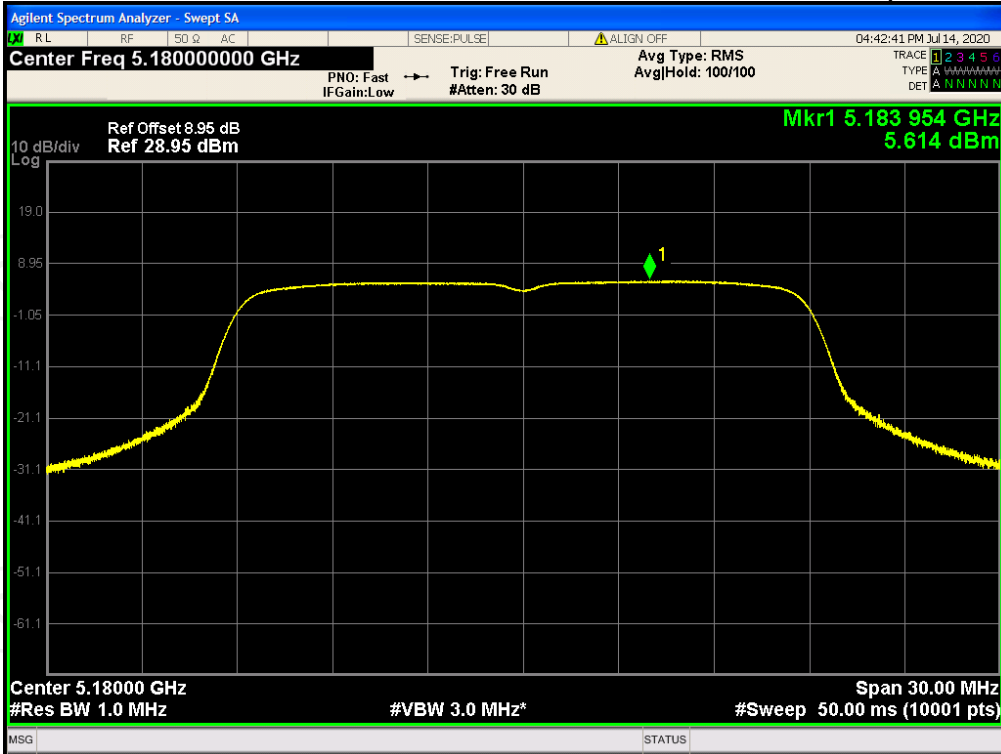
PSD NVNT 802.11a 5785MHz Ant1



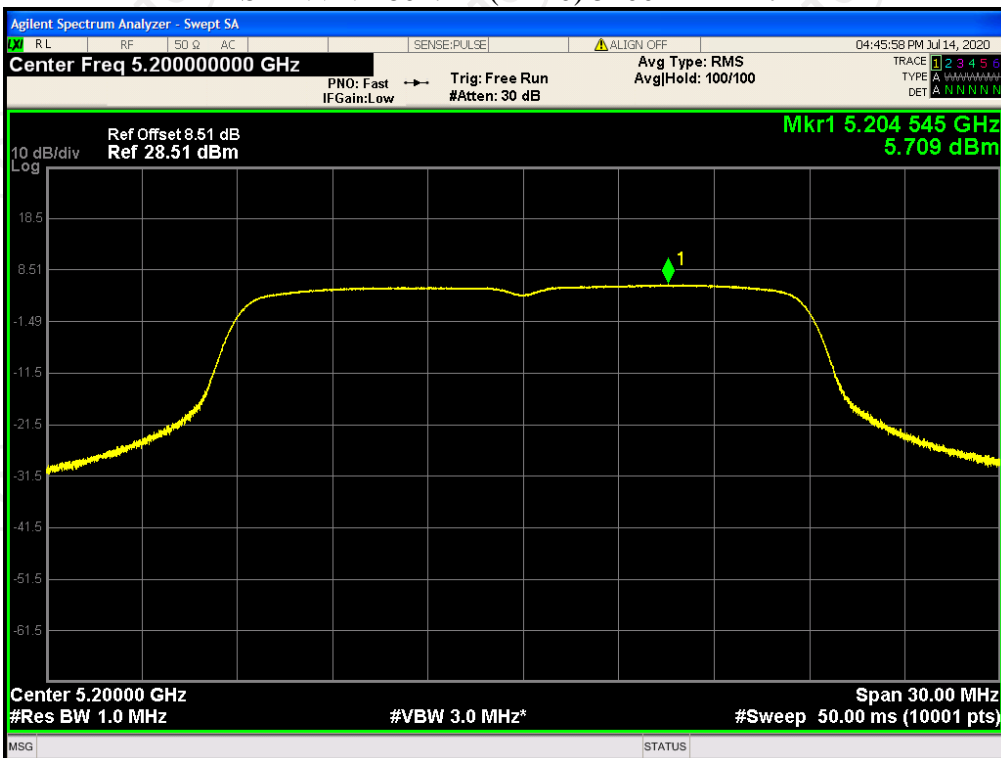
PSD NVNT 802.11a 5825MHz Ant1



PSD NVNT 802.11n(HT20) 5180MHz Ant1

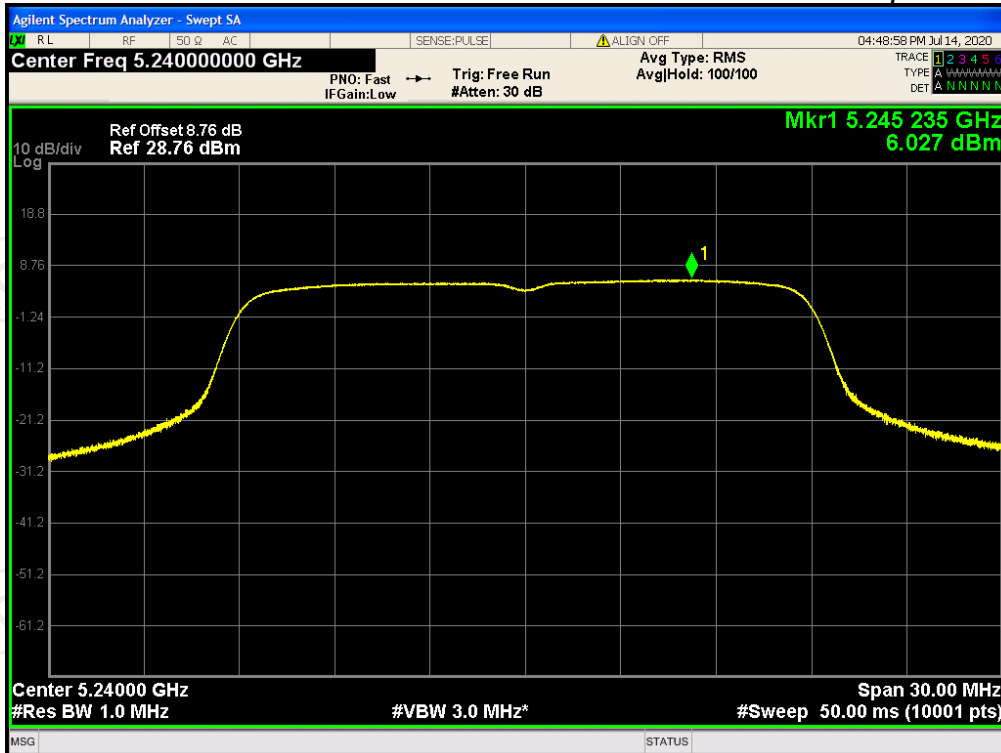


PSD NVNT 802.11n(HT20) 5200MHz Ant1

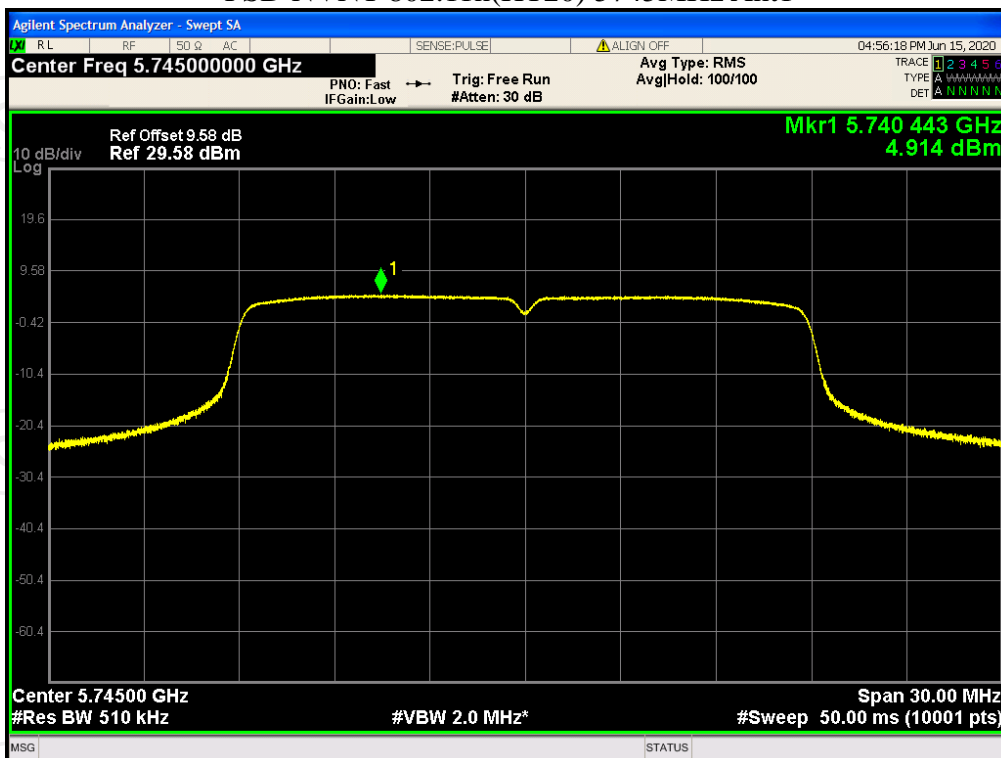


PSD NVNT 802.11n(HT20) 5240MHz Ant1

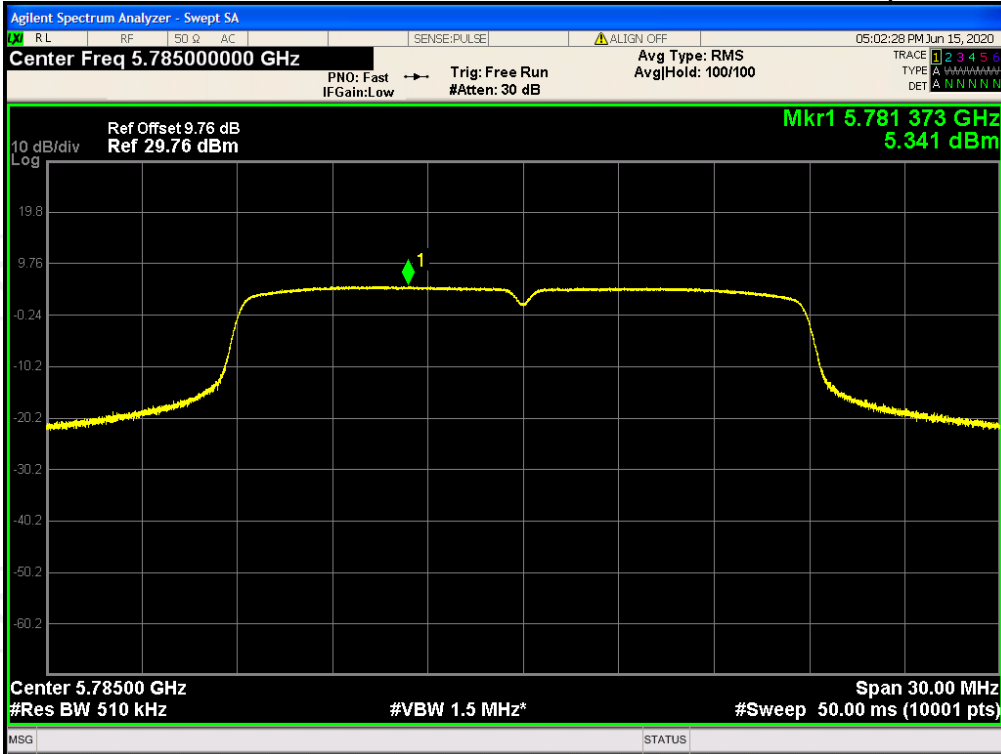




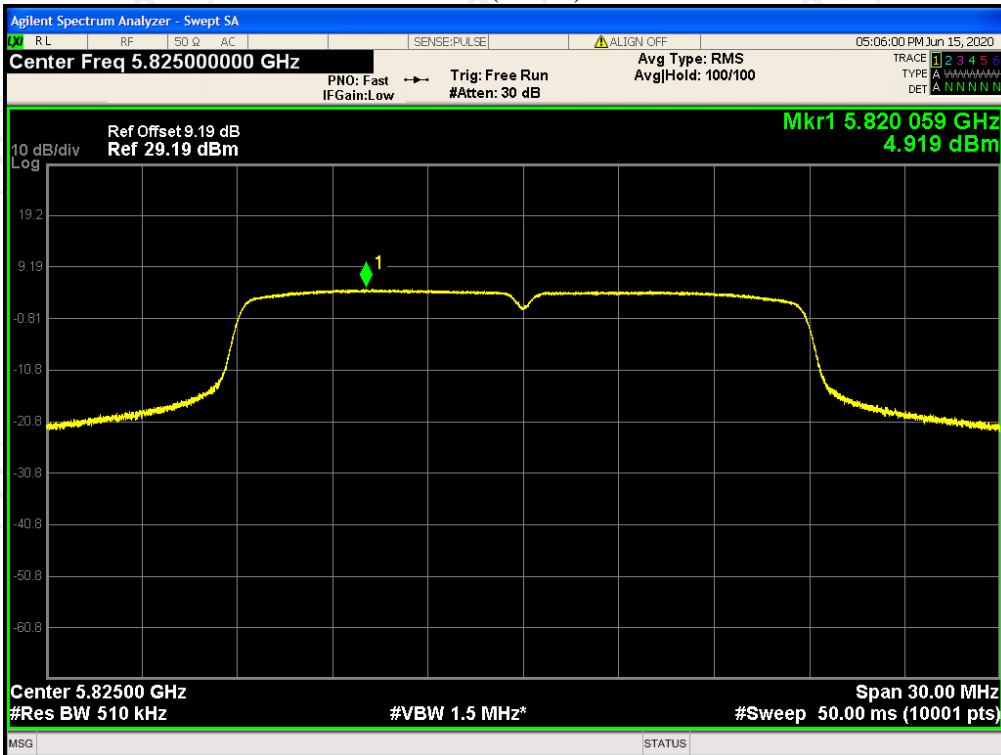
PSD NVNT 802.11n(HT20) 5745MHz Ant1



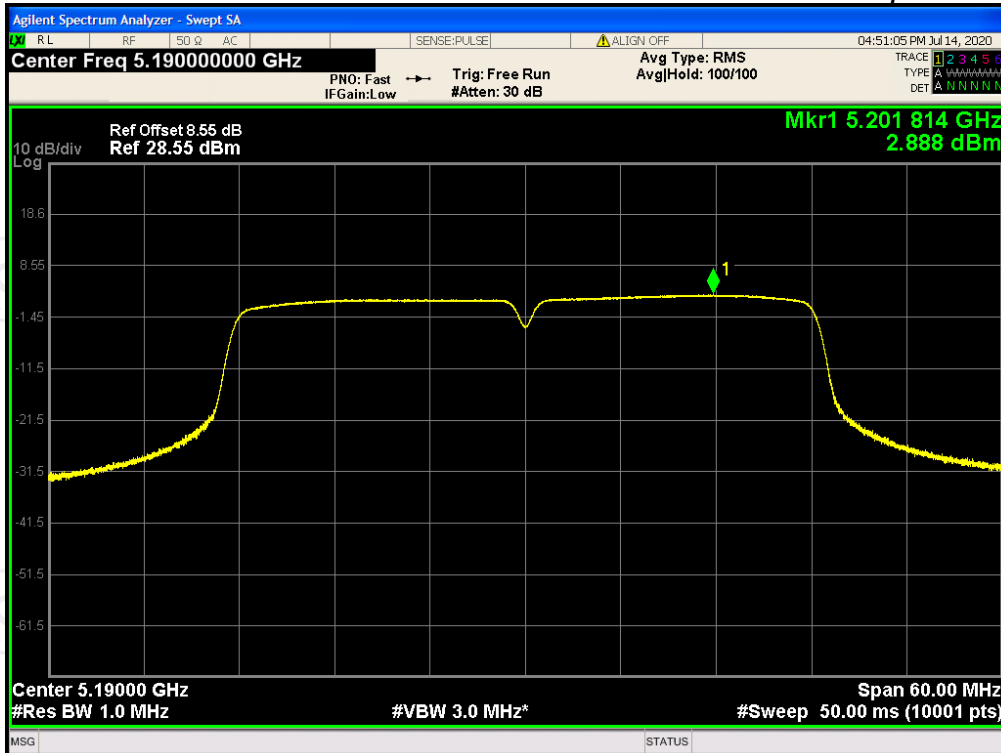
PSD NVNT 802.11n(HT20) 5785MHz Ant1



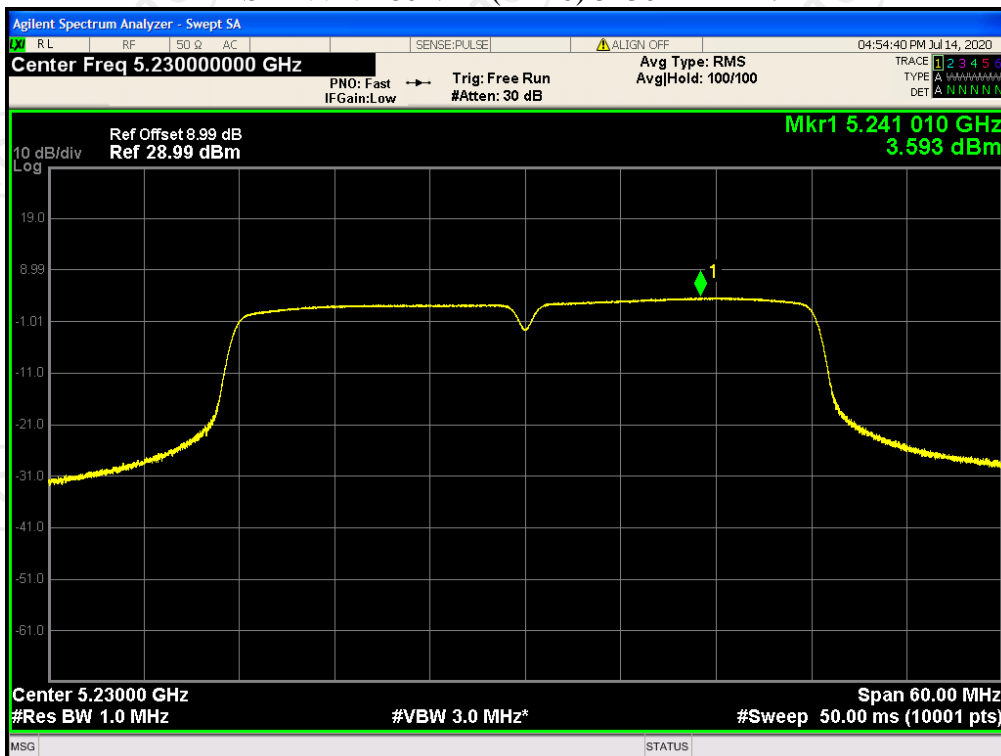
PSD NVNT 802.11n(HT20) 5825MHz Ant1



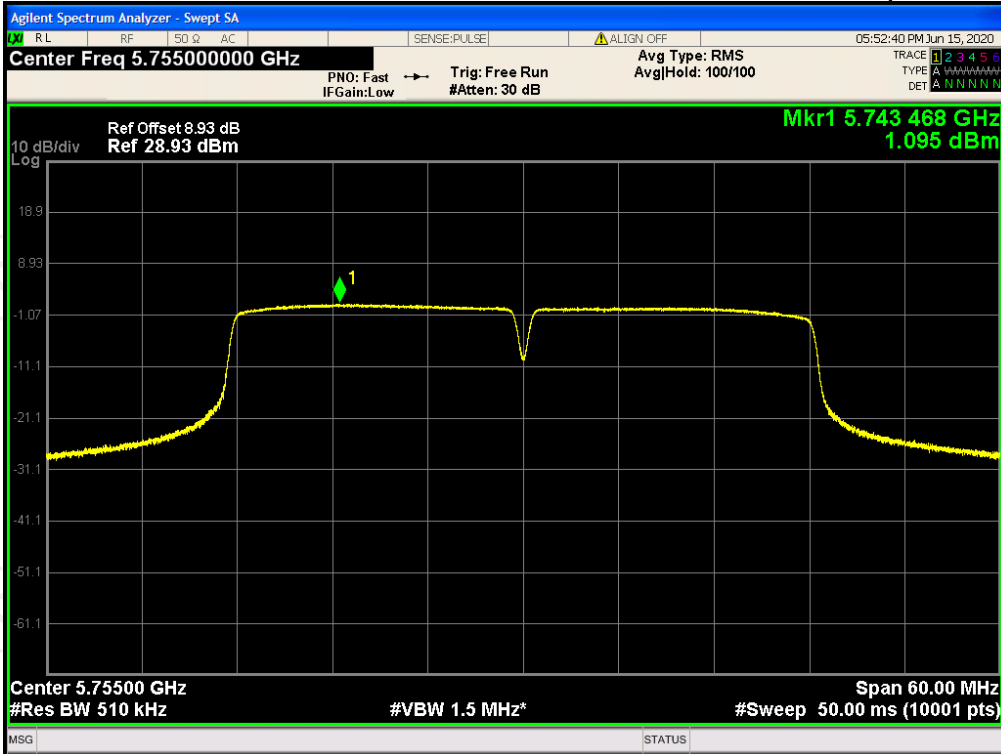
PSD NVNT 802.11n(HT40) 5190MHz Ant1



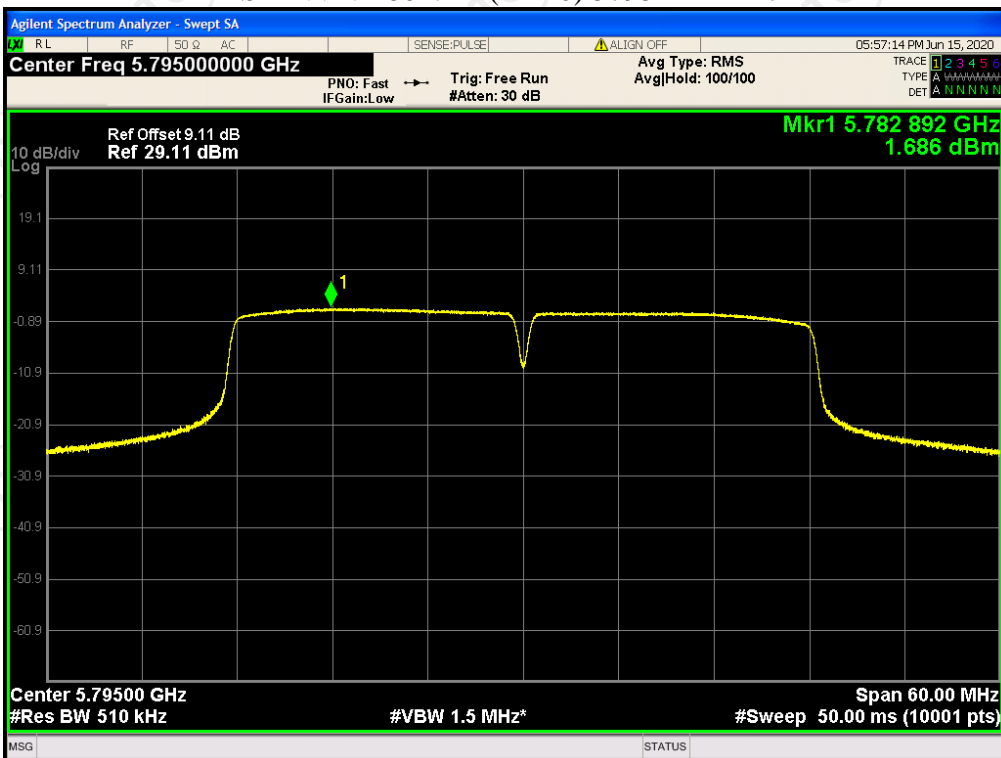
PSD NVNT 802.11n(HT40) 5230MHz Ant1



PSD NVNT 802.11n(HT40) 5755MHz Ant1



PSD NVNT 802.11n(HT40) 5795MHz Ant1



## Appendix A: Photographs of Test Setup

Refer to test report TCT200616E034

## Appendix B: Photographs of EUT

Refer to test report TCT200616E034

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