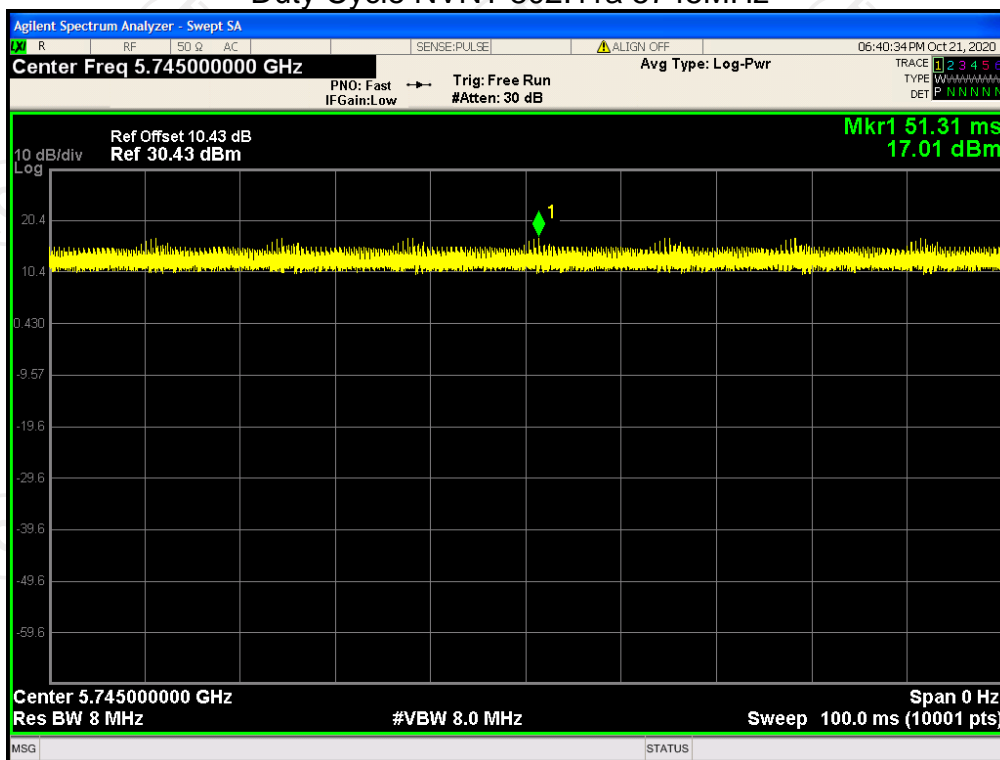


ANT 1

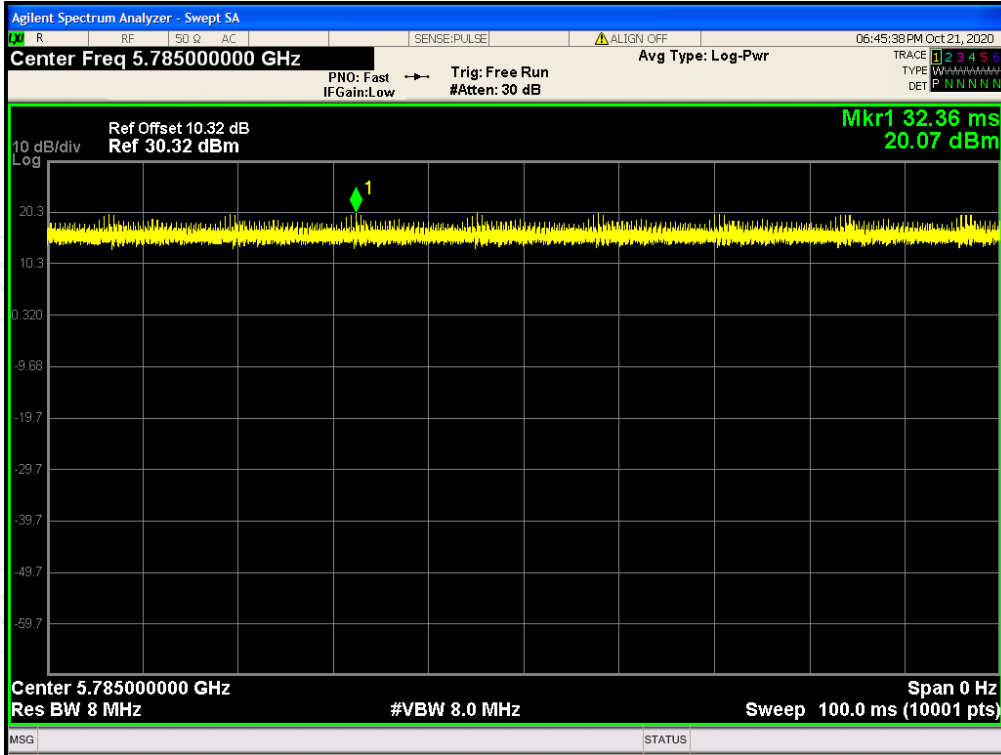
Duty Cycle

Condition	Mode	Frequency (MHz)	Duty Cycle (%)	Correction Factor (dB)
NVNT	802.11a	5745	100	0
NVNT	802.11a	5785	100	0
NVNT	802.11a	5825	100	0
NVNT	802.11ac20	5745	100	0
NVNT	802.11ac20	5785	100	0
NVNT	802.11ac20	5825	100	0
NVNT	802.11ac40	5755	100	0
NVNT	802.11ac40	5795	100	0
NVNT	802.11ac80	5775	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)	5755	100	0
NVNT	802.11n(HT40)	5795	100	0

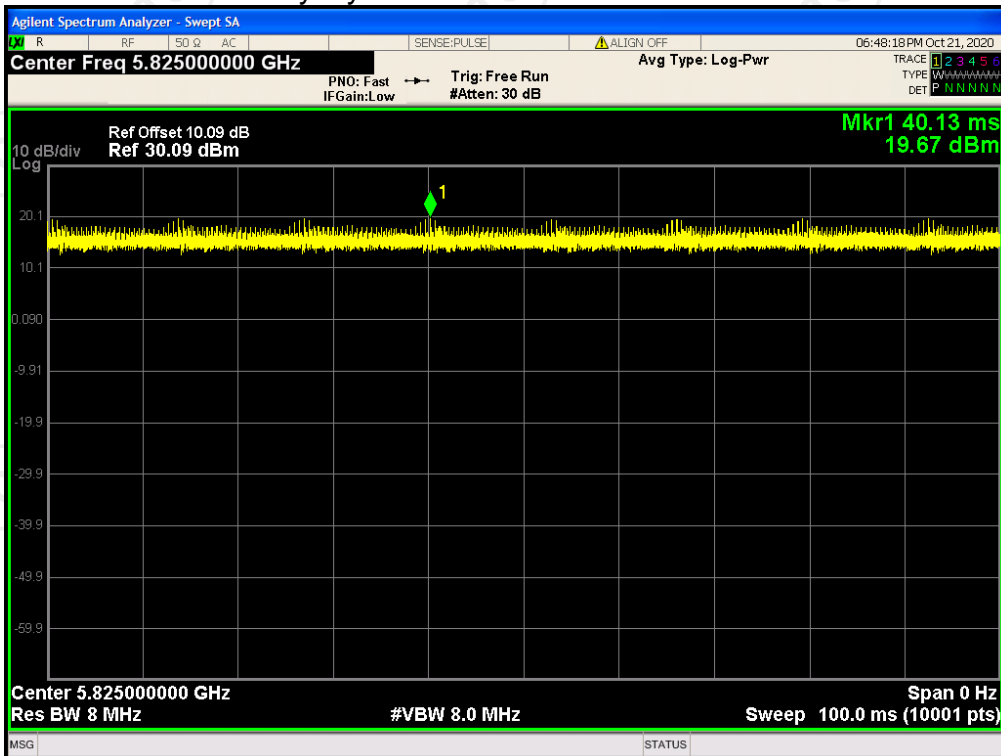
Duty Cycle NVNT 802.11a 5745MHz



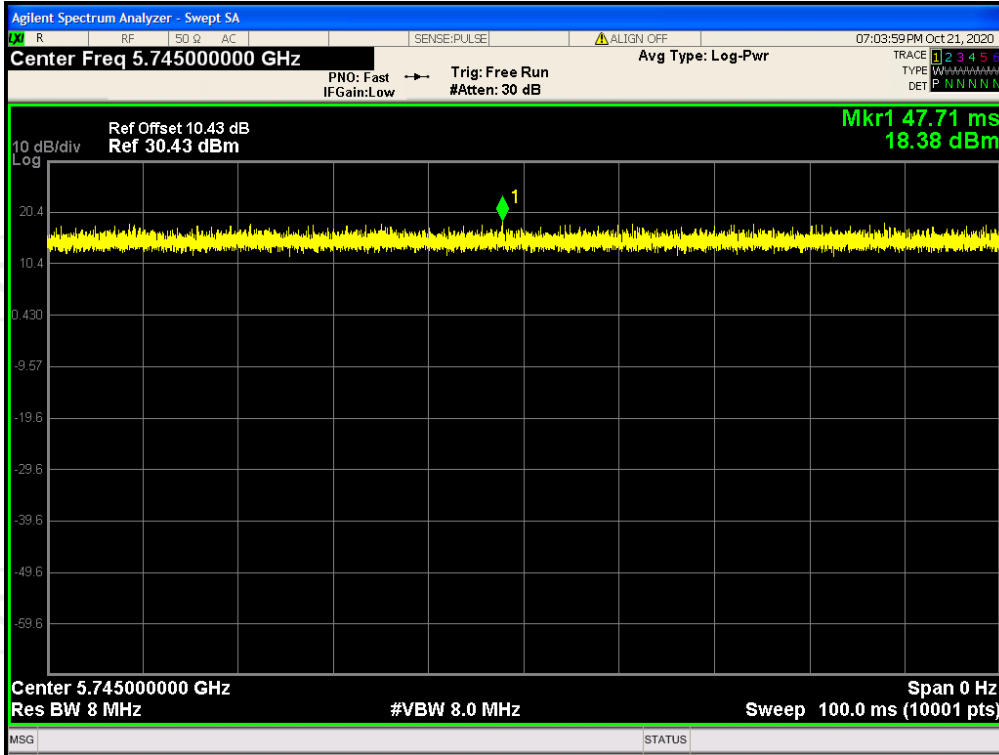
Duty Cycle NVNT 802.11a 5785MHz



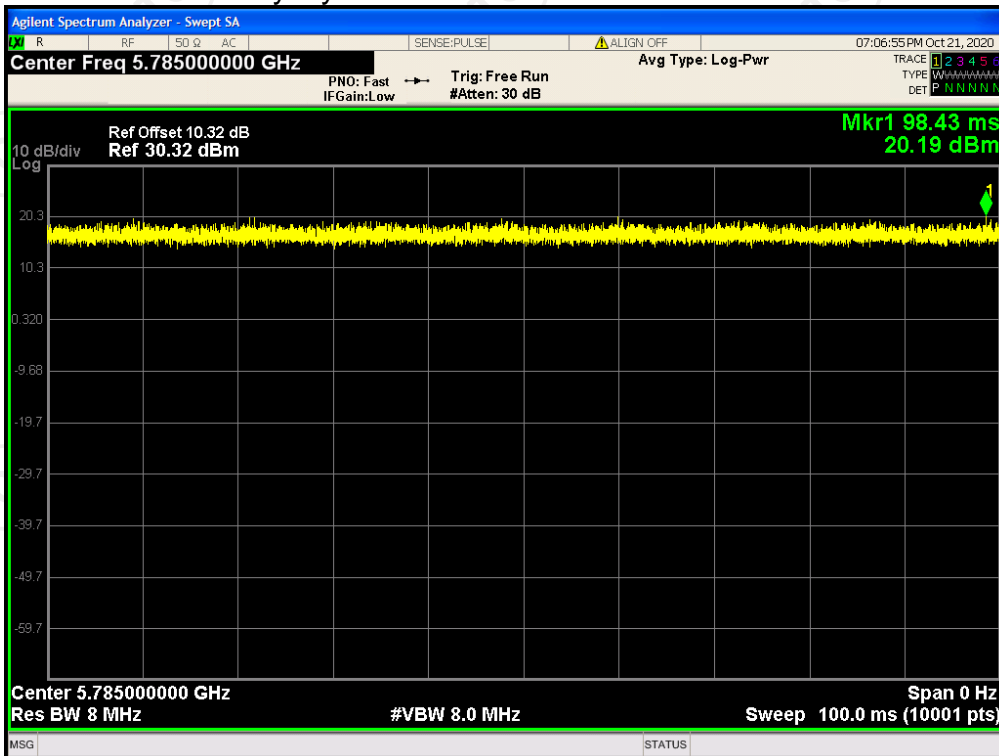
Duty Cycle NVNT 802.11a 5825MHz



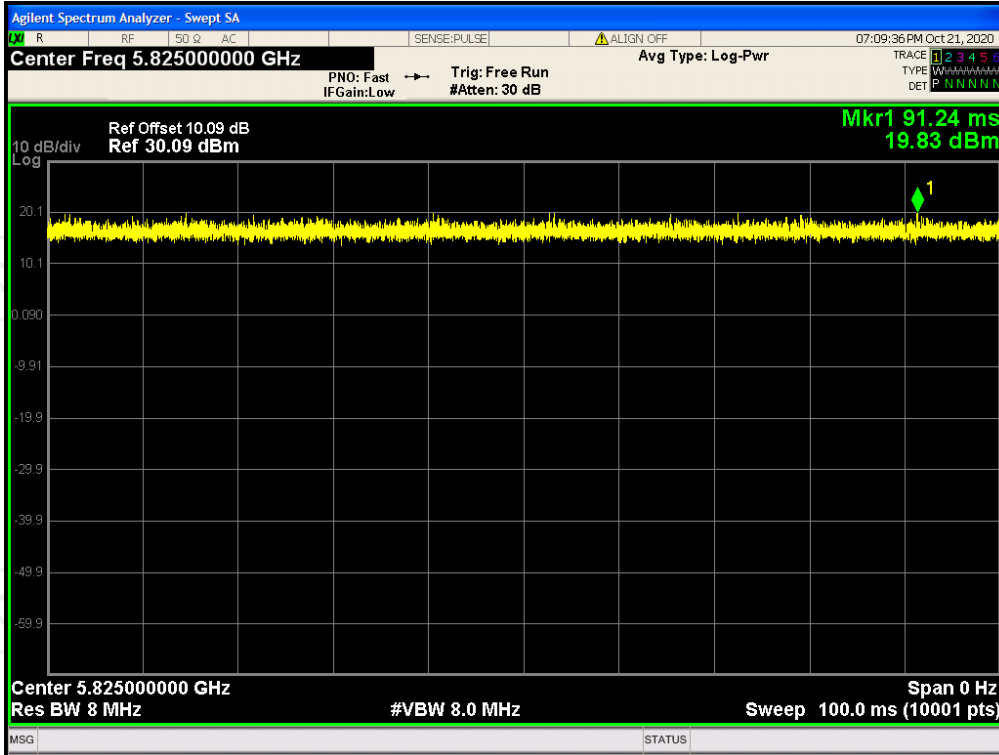
Duty Cycle NVNT 802.11ac20 5745MHz



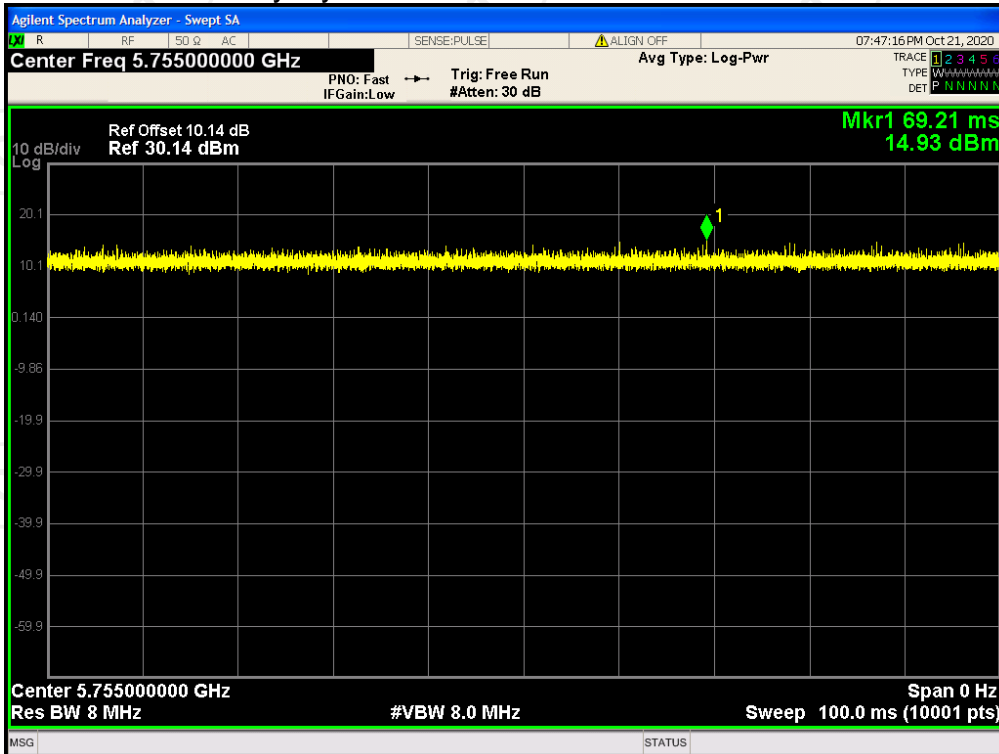
Duty Cycle NVNT 802.11ac20 5785MHz



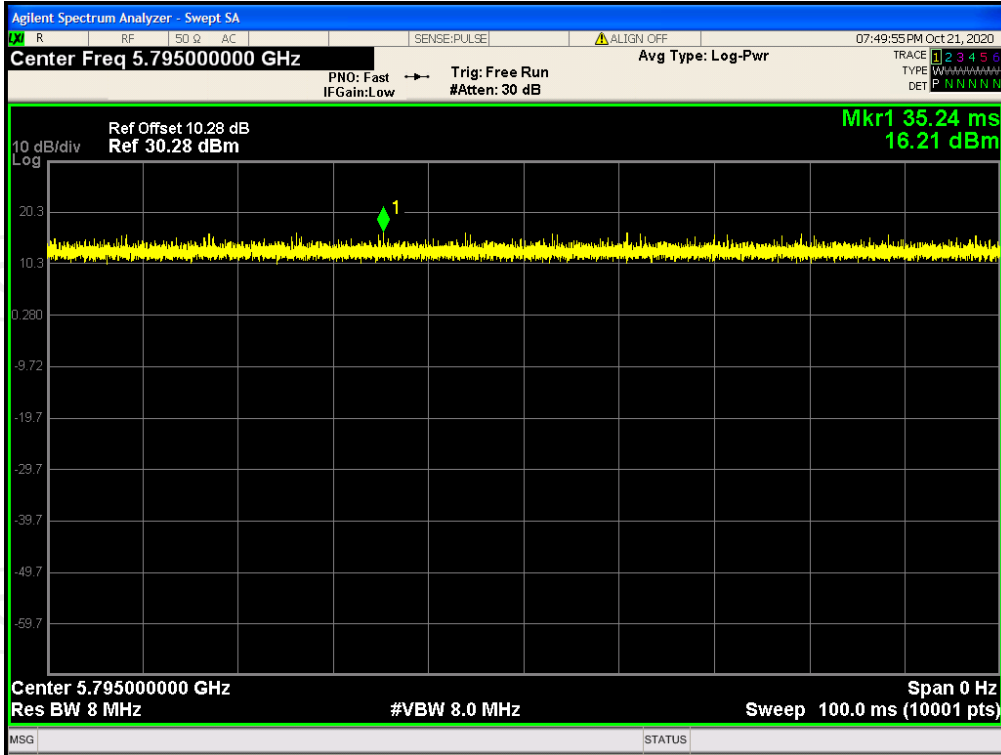
Duty Cycle NVNT 802.11ac20 5825MHz



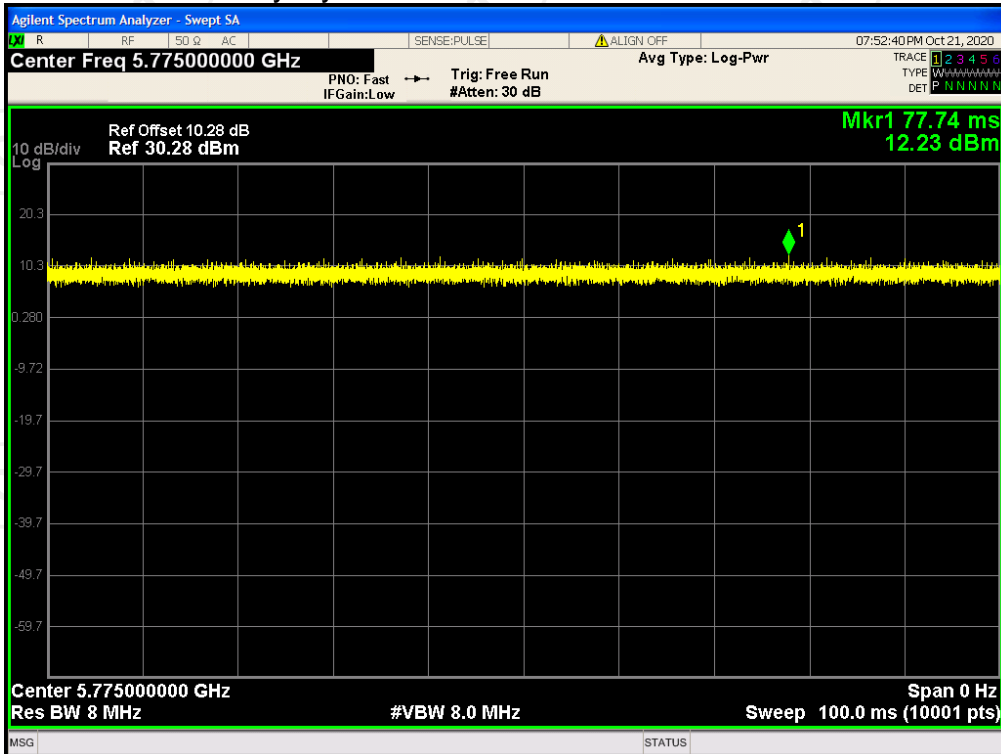
Duty Cycle NVNT 802.11ac40 5755MHz



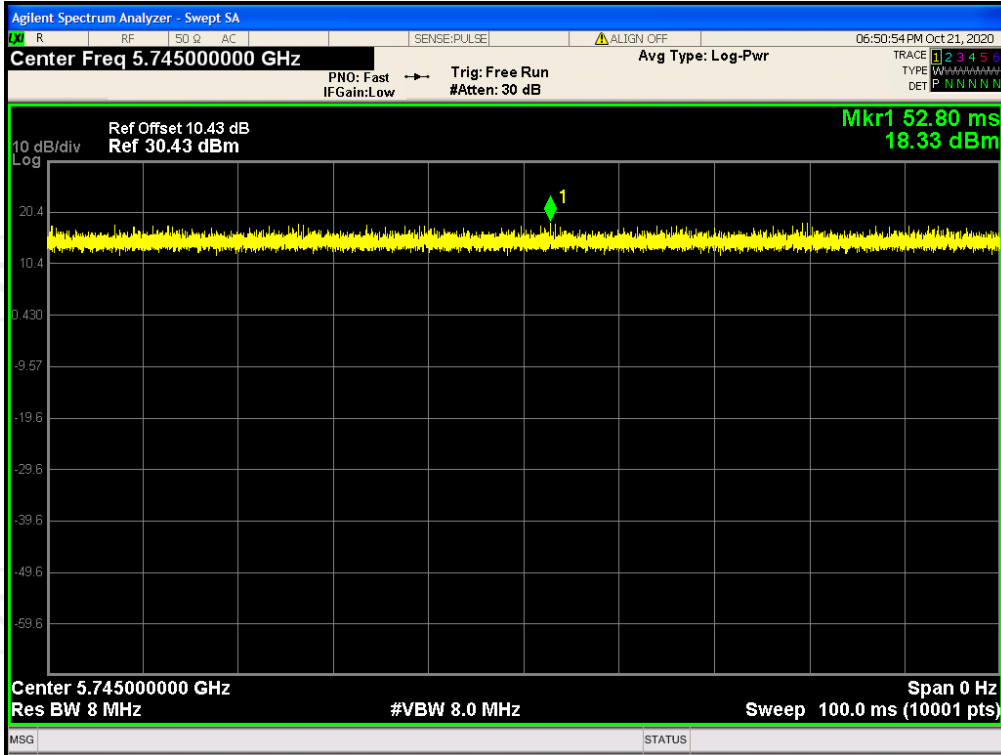
Duty Cycle NVNT 802.11ac40 5795MHz



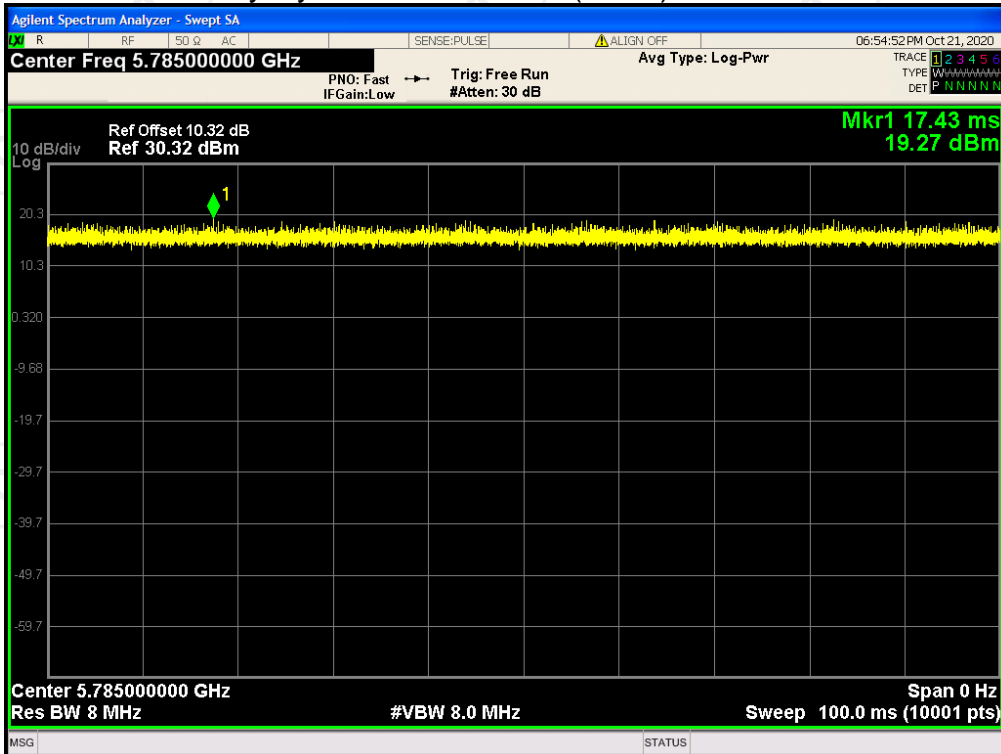
Duty Cycle NVNT 802.11ac80 5775MHz



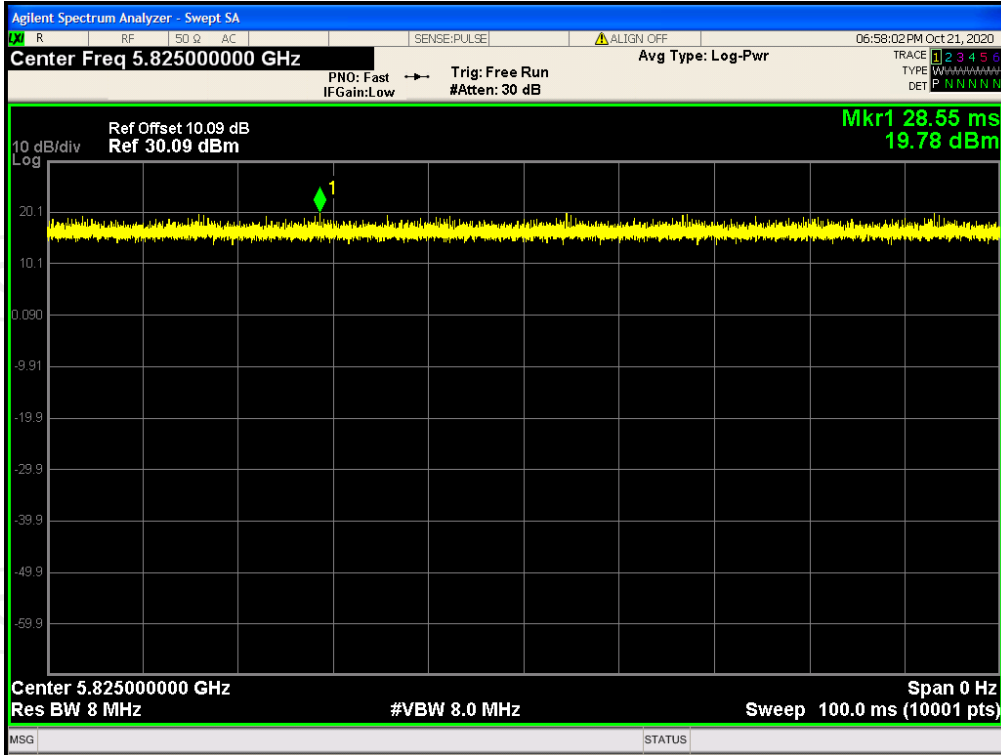
Duty Cycle NVNT 802.11n(HT20) 5745MHz



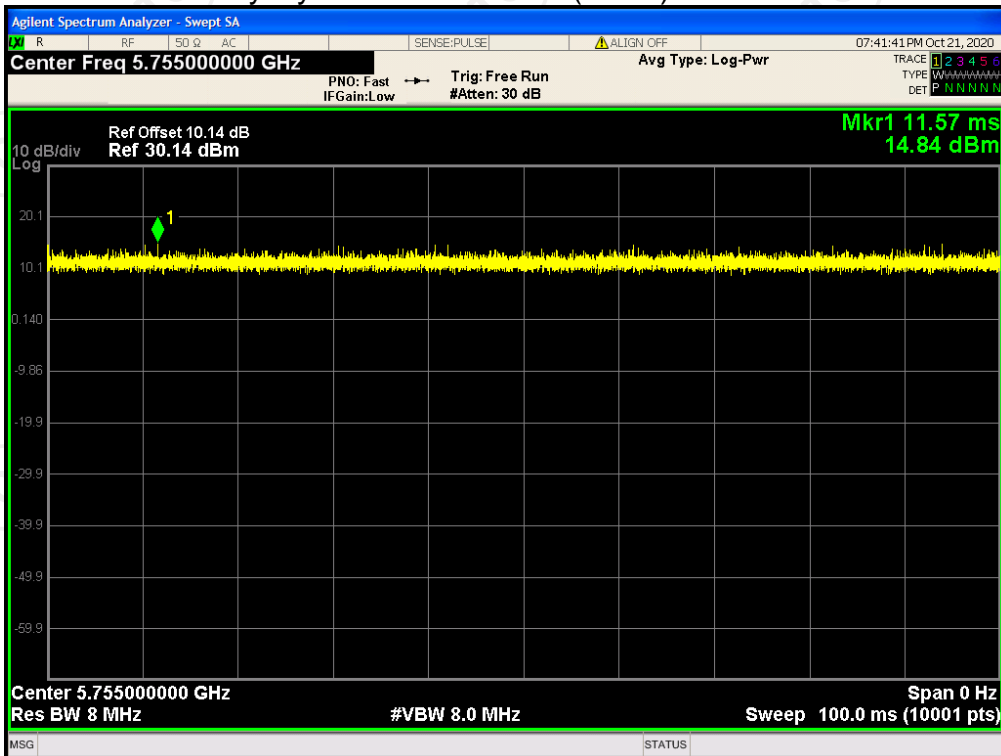
Duty Cycle NVNT 802.11n(HT20) 5785MHz



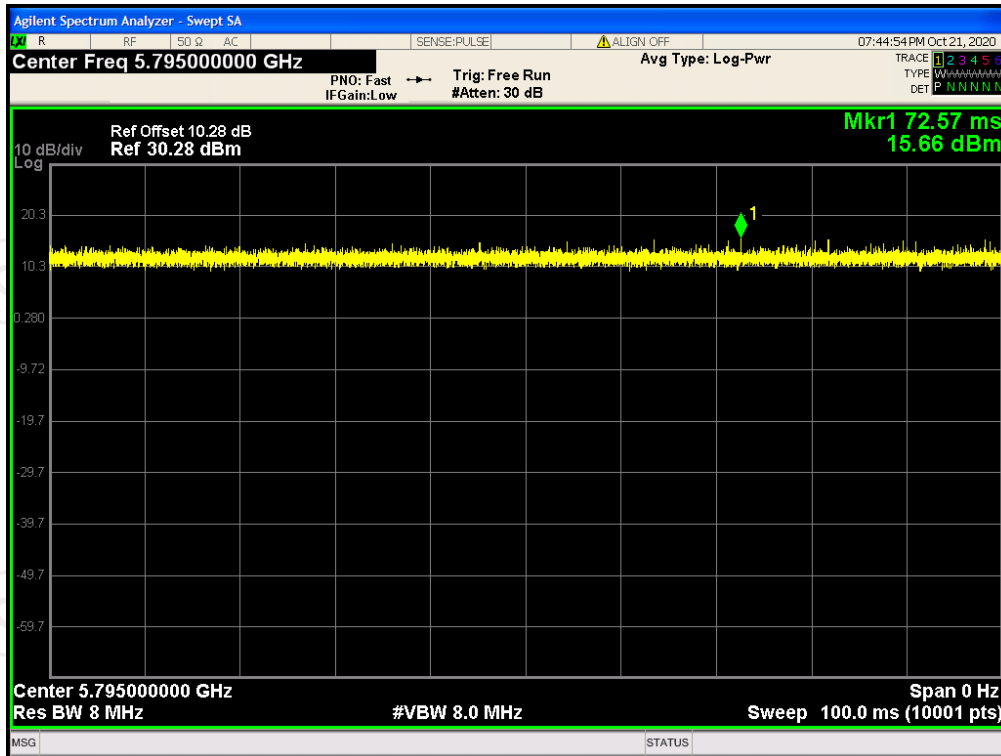
Duty Cycle NVNT 802.11n(HT20) 5825MHz



Duty Cycle NVNT 802.11n(HT40) 5755MHz



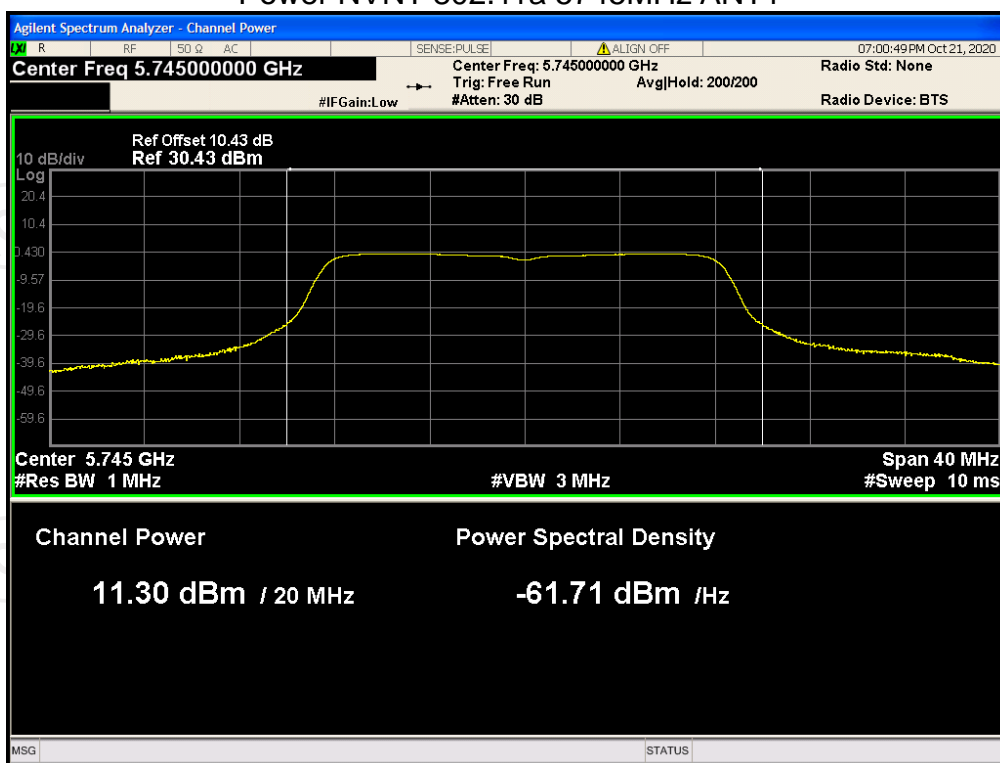
Duty Cycle NVNT 802.11n(HT40) 5795MHz



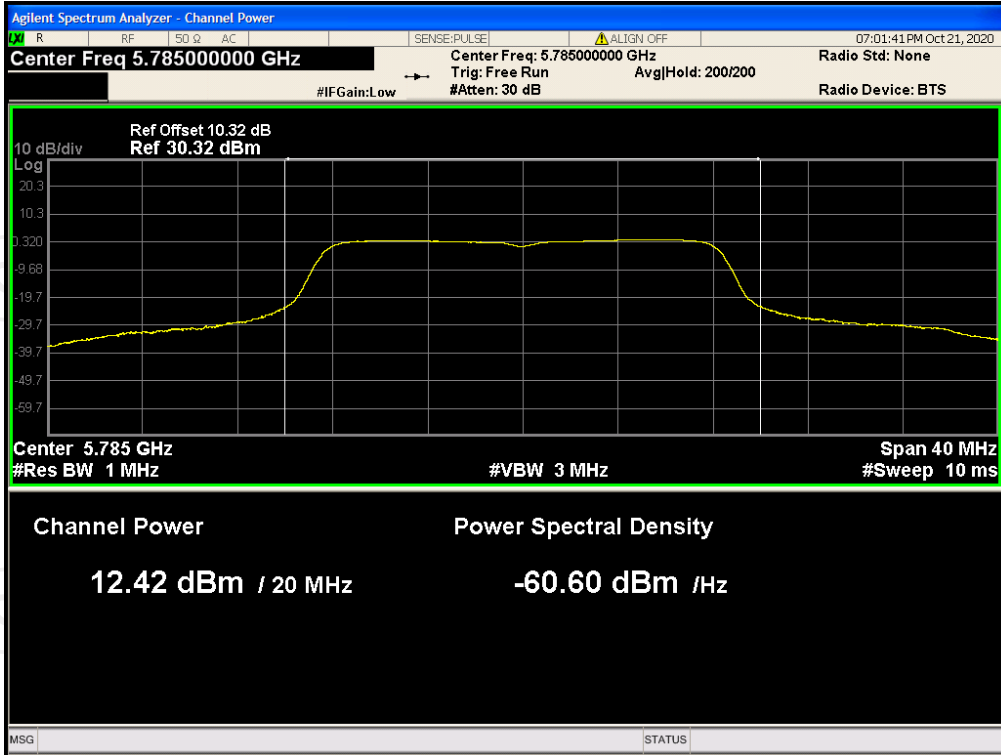
Maximum Conducted Output Power

Condition	Mode	Frequency (MHz)	Antenna	Conducted Power (dBm)	Duty Factor (dB)	Total Power (dBm)	Limit (dBm)	Verdict
NVNT	802.11a	5745	ANT 1	11.304	0	11.304	30	Pass
NVNT	802.11a	5785	ANT 1	12.415	0	12.415	30	Pass
NVNT	802.11a	5825	ANT 1	12.176	0	12.176	30	Pass
NVNT	802.11ac20	5745	ANT 1	10.946	0	10.946	30	Pass
NVNT	802.11ac20	5785	ANT 1	13.318	0	13.318	30	Pass
NVNT	802.11ac20	5825	ANT 1	13.028	0	13.028	30	Pass
NVNT	802.11ac40	5755	ANT 1	10.855	0	10.855	30	Pass
NVNT	802.11ac40	5795	ANT 1	12.504	0	12.504	30	Pass
NVNT	802.11ac80	5775	ANT 1	11.872	0	11.872	30	Pass
NVNT	802.11n(HT20)	5745	ANT 1	11.083	0	11.083	30	Pass
NVNT	802.11n(HT20)	5785	ANT 1	12.479	0	12.479	30	Pass
NVNT	802.11n(HT20)	5825	ANT 1	12.940	0	12.94	30	Pass
NVNT	802.11n(HT40)	5755	ANT 1	10.689	0	10.689	30	Pass
NVNT	802.11n(HT40)	5795	ANT 1	11.638	0	11.638	30	Pass

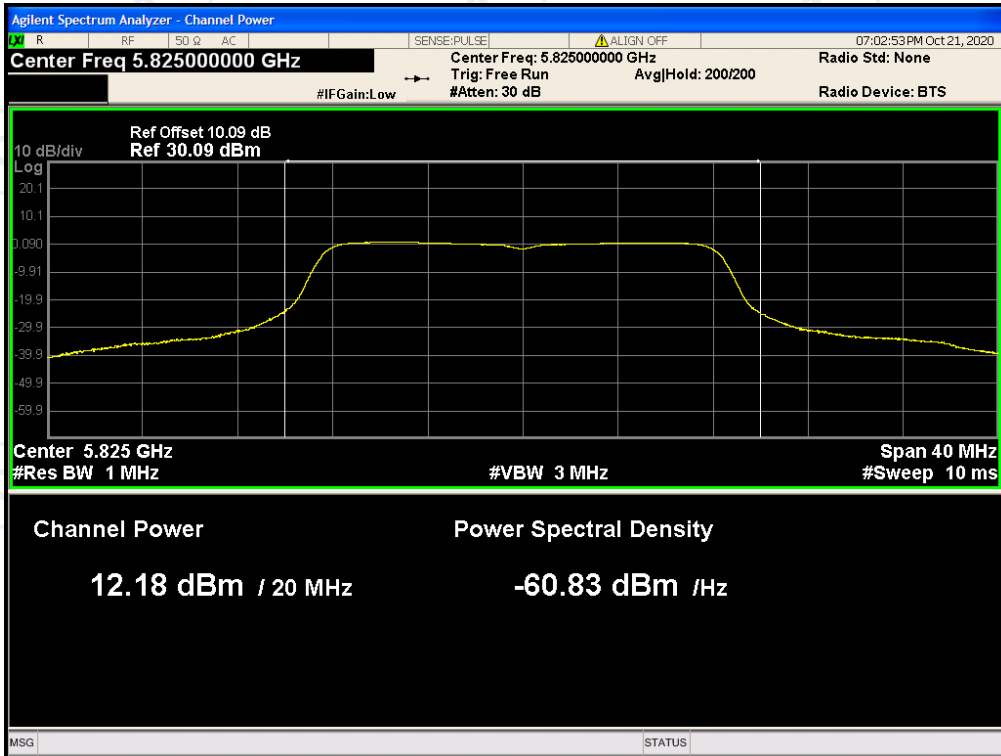
Power NVNT 802.11a 5745MHz ANT1



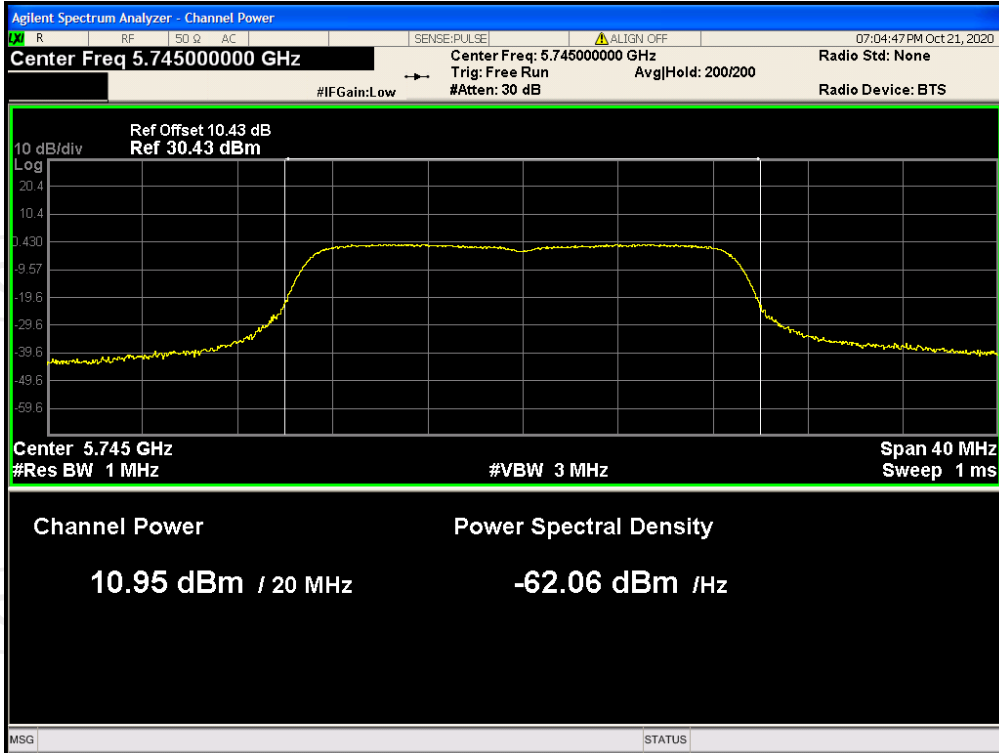
Power NVNT 802.11a 5785MHz ANT0



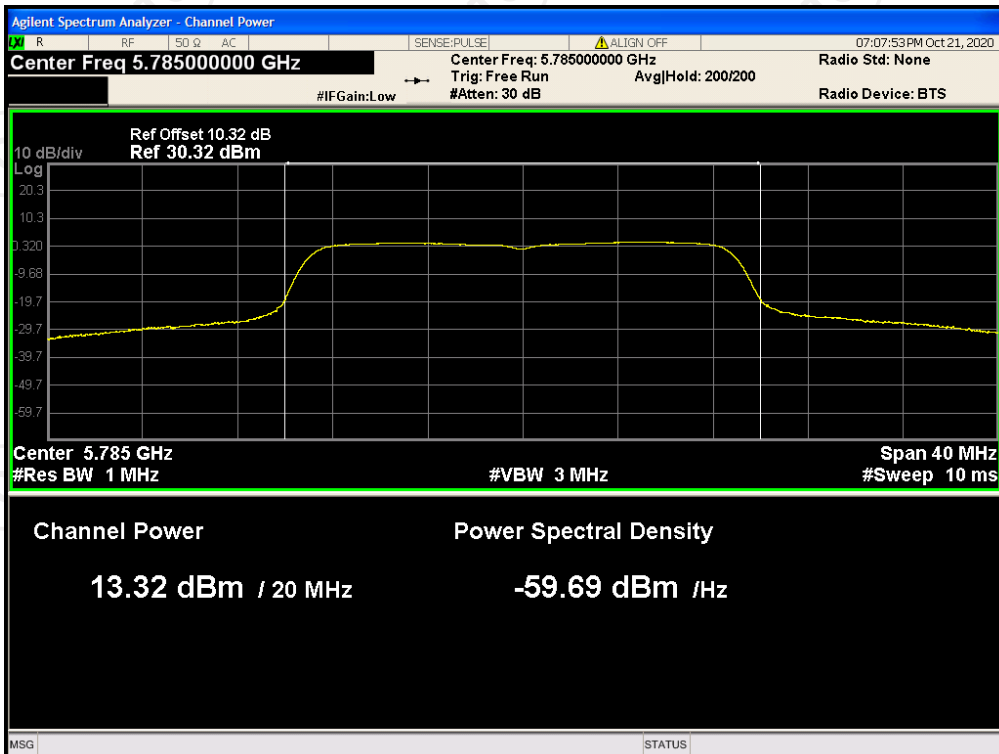
Power NVNT 802.11a 5825MHz ANT1



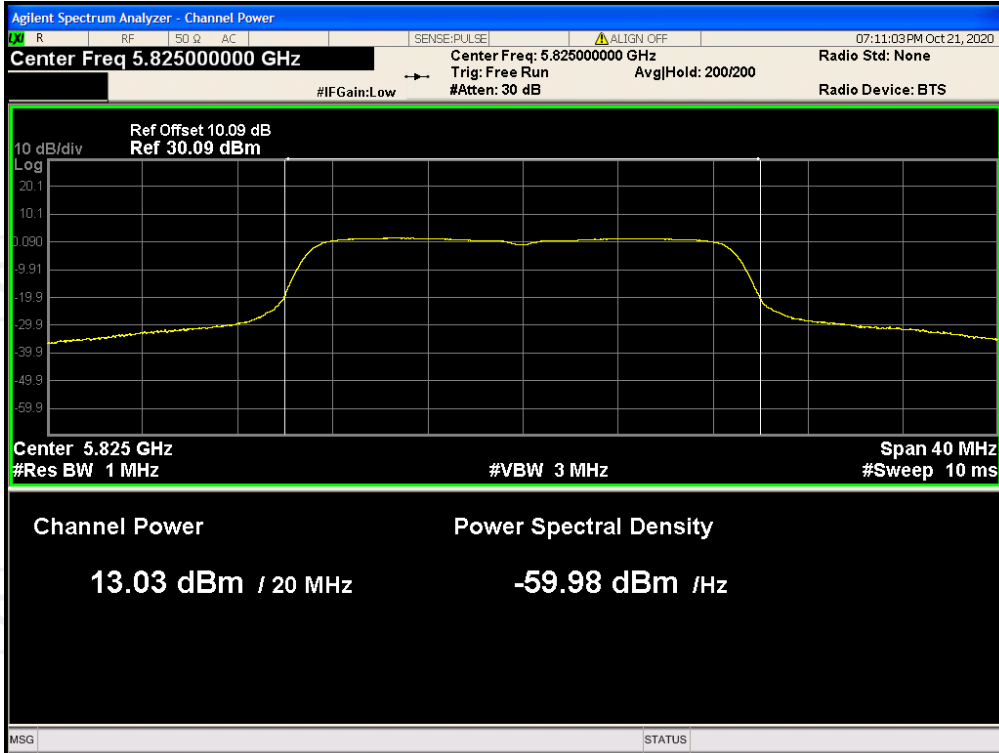
Power NVNT 802.11ac20 5745MHz ANT1



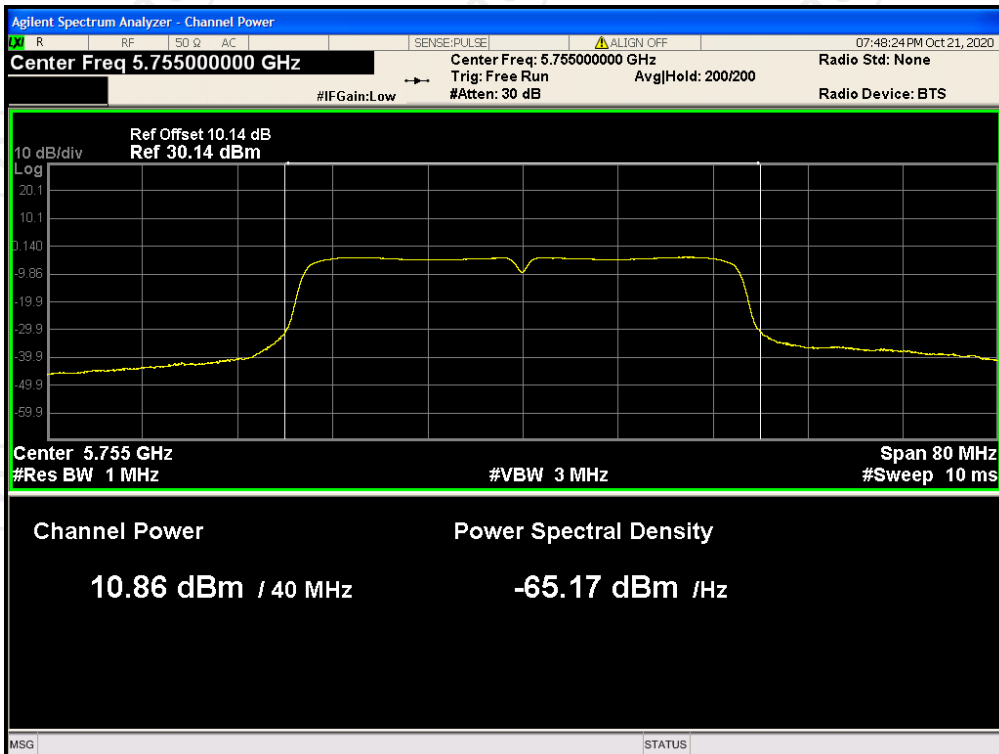
Power NVNT 802.11ac20 5785MHz ANT1



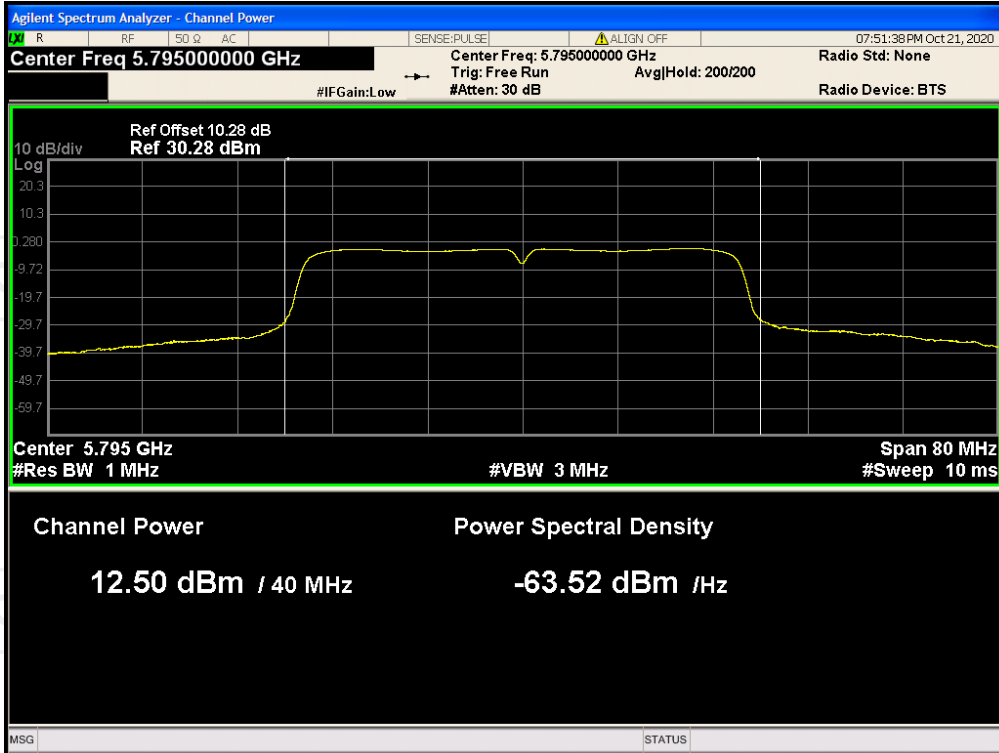
Power NVNT 802.11ac20 5825MHz ANT1



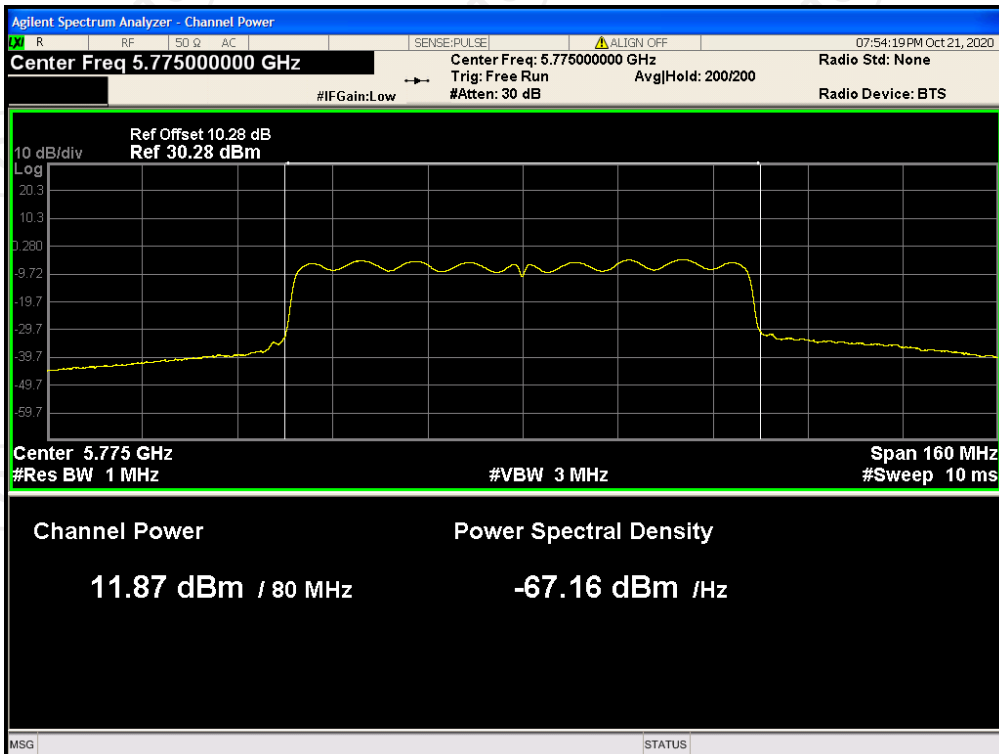
Power NVNT 802.11ac40 5755MHz ANT1



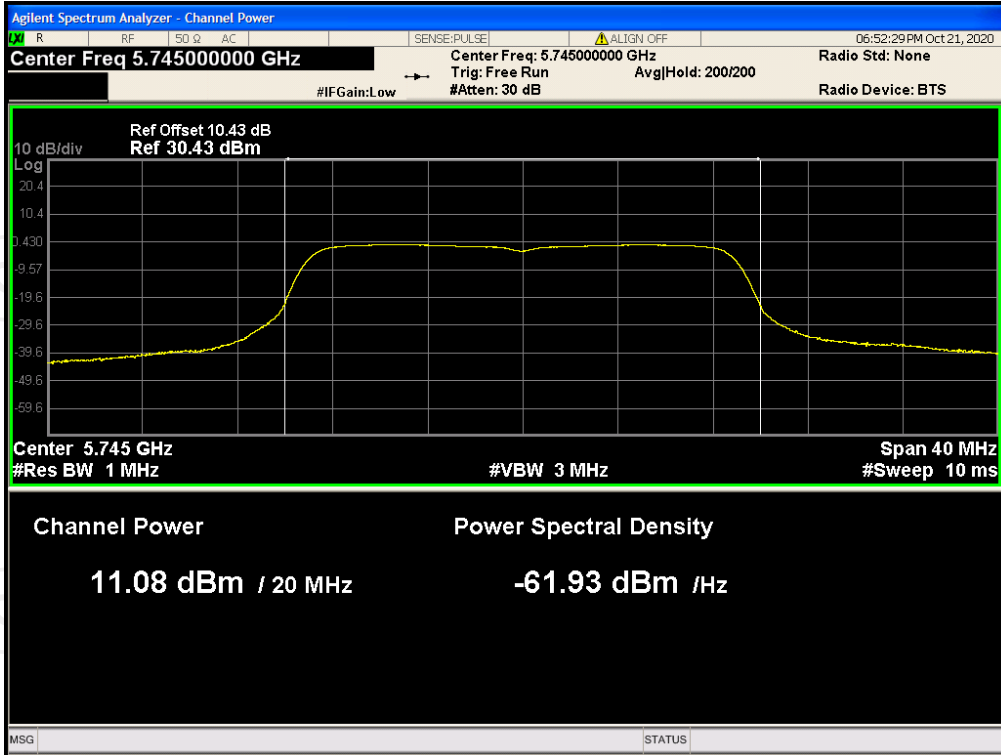
Power NVNT 802.11ac40 5795MHz ANT1



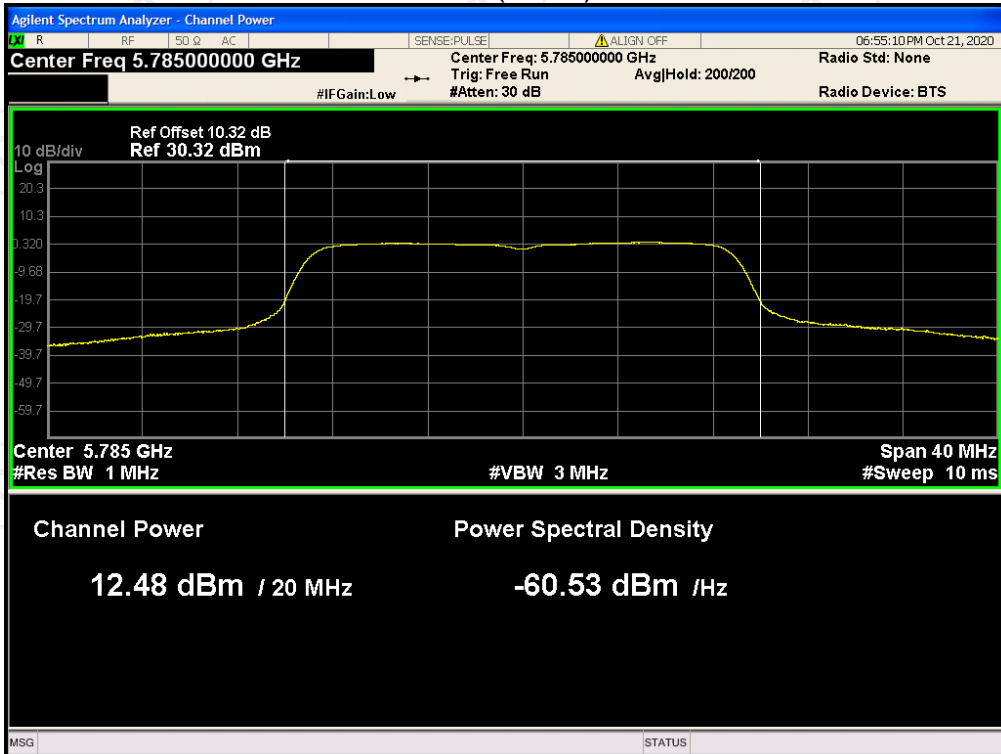
Power NVNT 802.11ac80 5775MHz ANT1



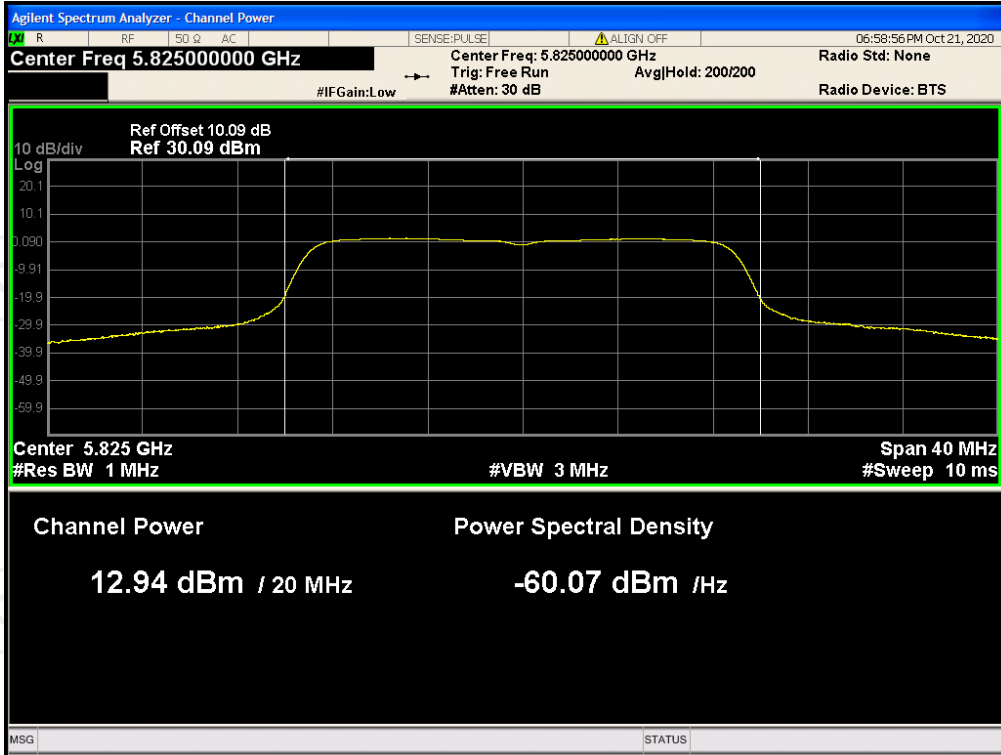
Power NVNT 802.11n(HT20) 5745MHz ANT1



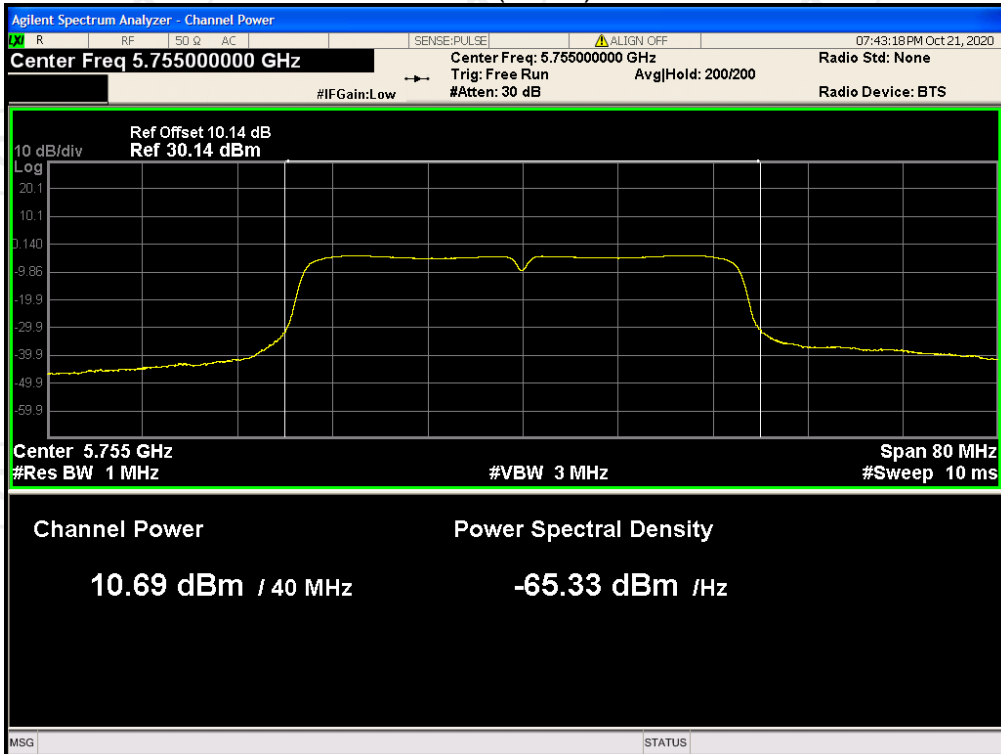
Power NVNT 802.11n(HT20) 5785MHz ANT1



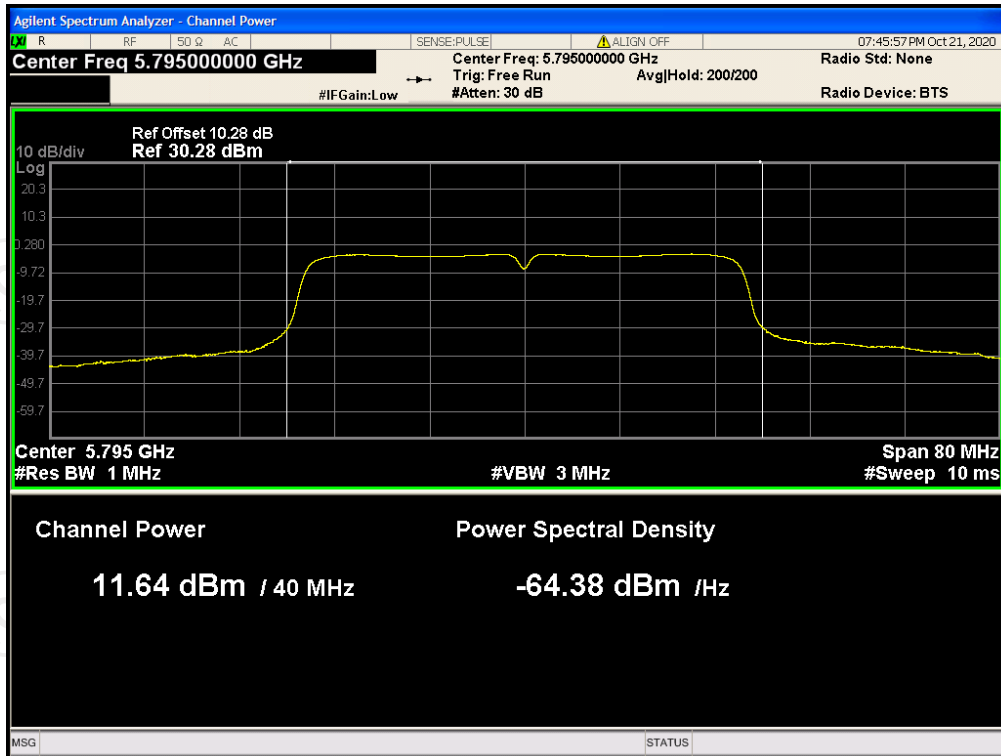
Power NVNT 802.11n(HT20) 5825MHz ANT1



Power NVNT 802.11n(HT40) 5755MHz ANT1



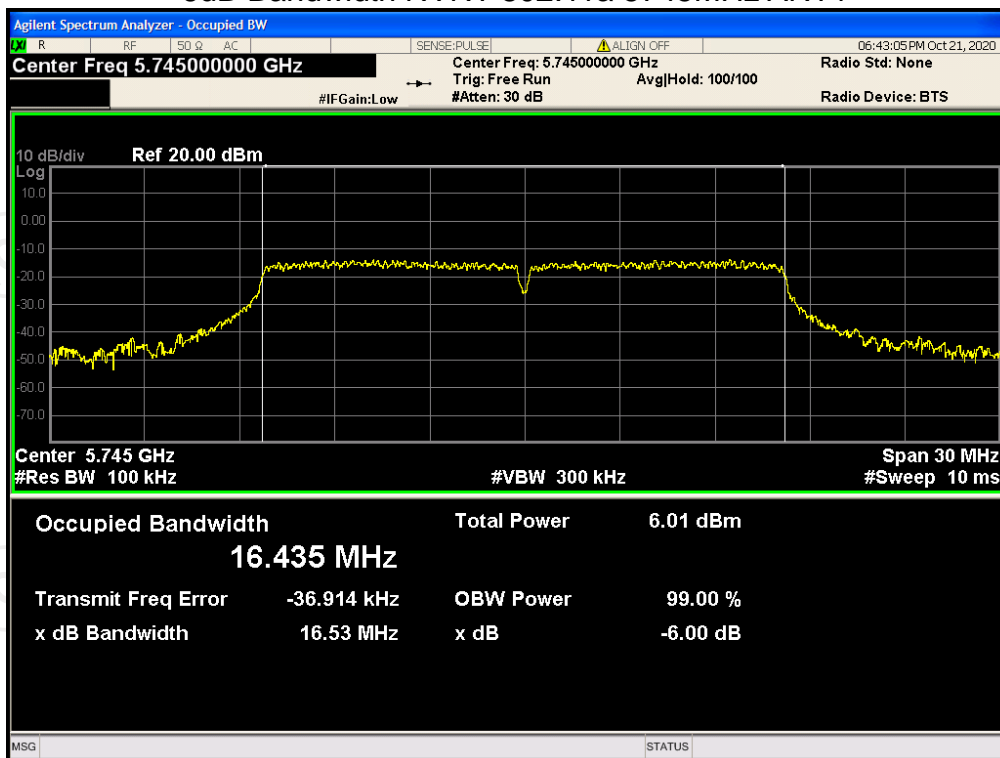
Power NVNT 802.11n(HT40) 5795MHz ANT1



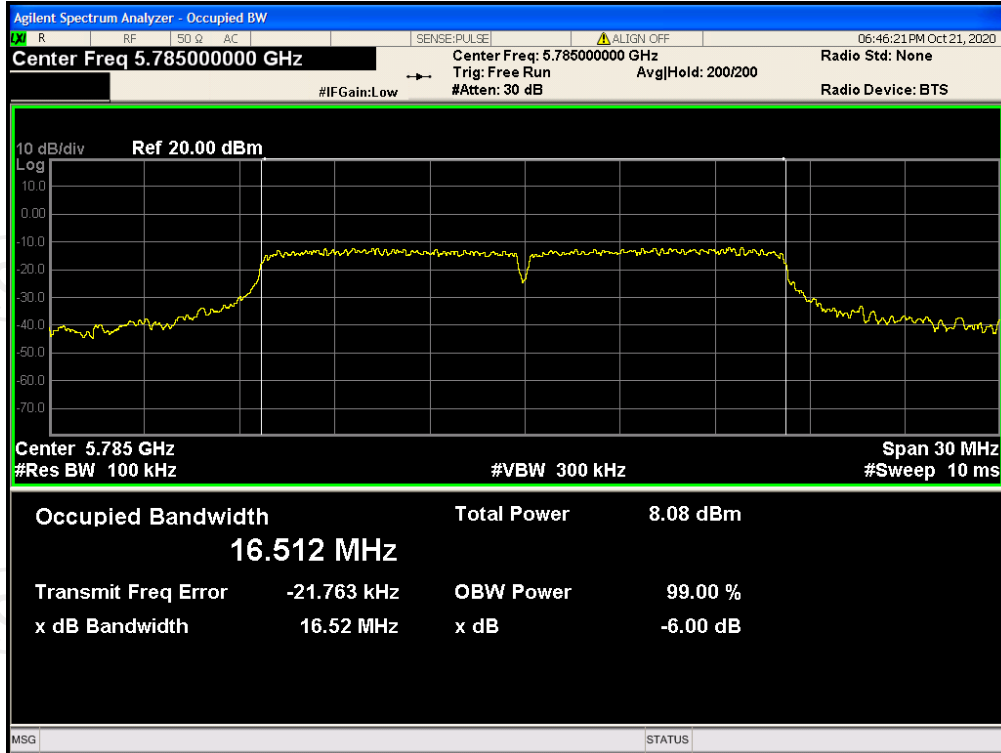
-6dB Bandwidth

Condition	Mode	Frequency (MHz)	Antenna	-6 dB Bandwidth (MHz)	Limit -6 dB Bandwidth (MHz)	Verdict
NVNT	802.11a	5745	ANT 1	16.5257	0.5	Pass
NVNT	802.11a	5785	ANT 1	16.522	0.5	Pass
NVNT	802.11a	5825	ANT 1	16.5371	0.5	Pass
NVNT	802.11ac20	5745	ANT 1	17.6347	0.5	Pass
NVNT	802.11ac20	5785	ANT 1	17.6439	0.5	Pass
NVNT	802.11ac20	5825	ANT 1	17.6242	0.5	Pass
NVNT	802.11ac40	5755	ANT 1	36.3594	0.5	Pass
NVNT	802.11ac40	5795	ANT 1	36.3541	0.5	Pass
NVNT	802.11ac80	5775	ANT 1	76.1715	0.5	Pass
NVNT	802.11n(HT20)	5745	ANT 1	17.6241	0.5	Pass
NVNT	802.11n(HT20)	5785	ANT 1	17.6504	0.5	Pass
NVNT	802.11n(HT20)	5825	ANT 1	17.6286	0.5	Pass
NVNT	802.11n(HT40)	5755	ANT 1	36.4025	0.5	Pass
NVNT	802.11n(HT40)	5795	ANT 1	36.4362	0.5	Pass

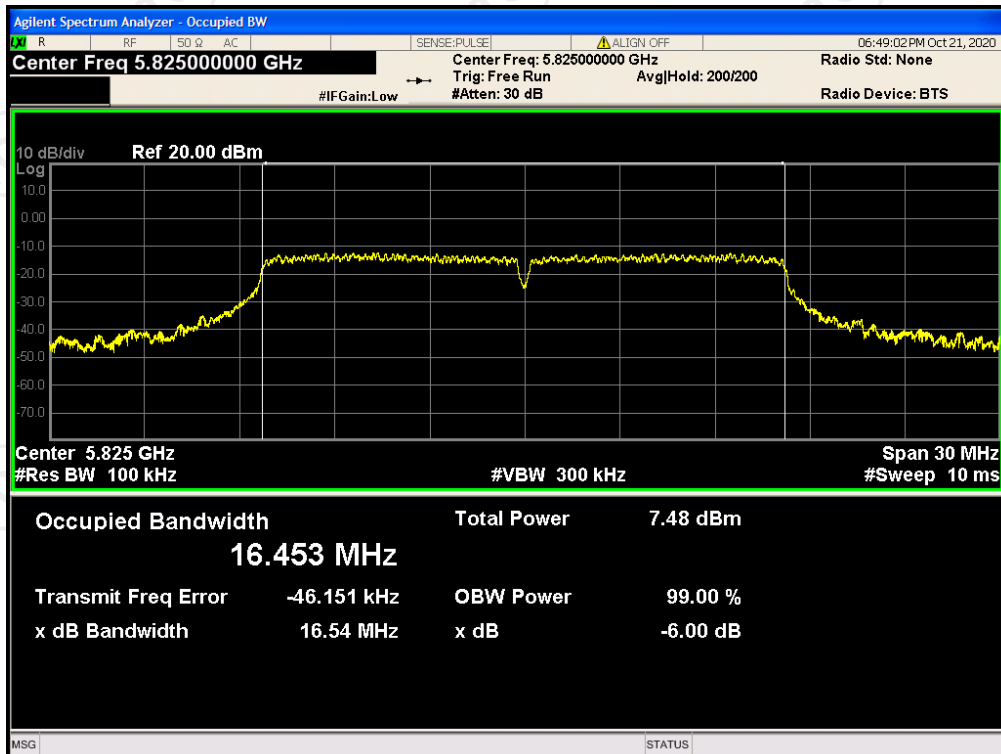
-6dB Bandwidth NVNT 802.11a 5745MHz ANT1



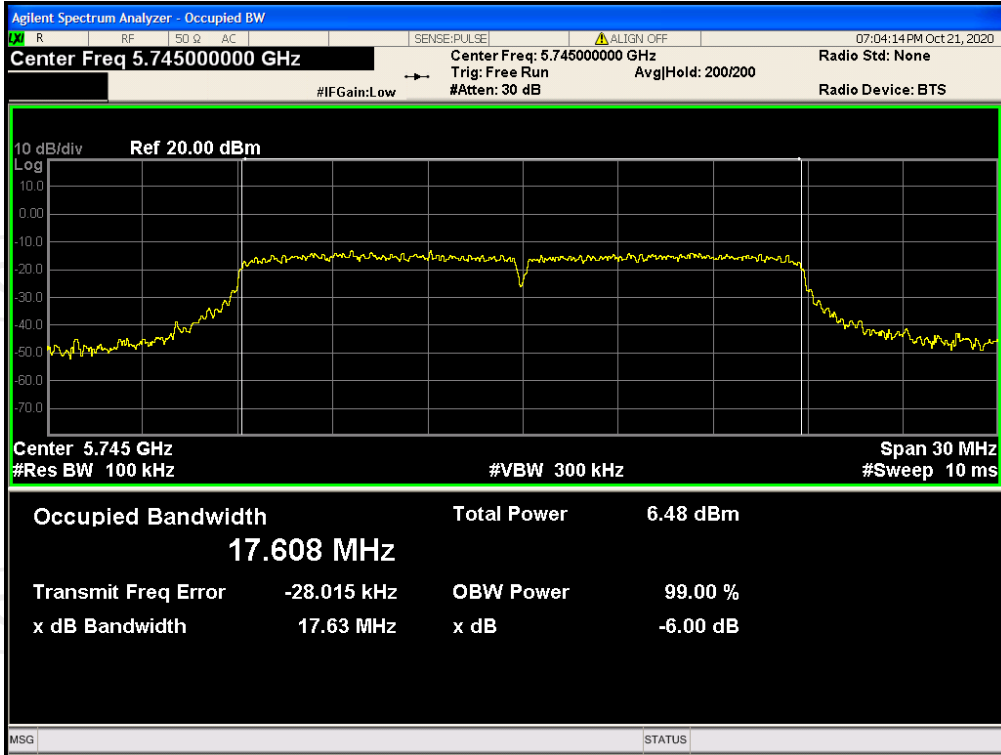
-6dB Bandwidth NVNT 802.11a 5785MHz ANT1



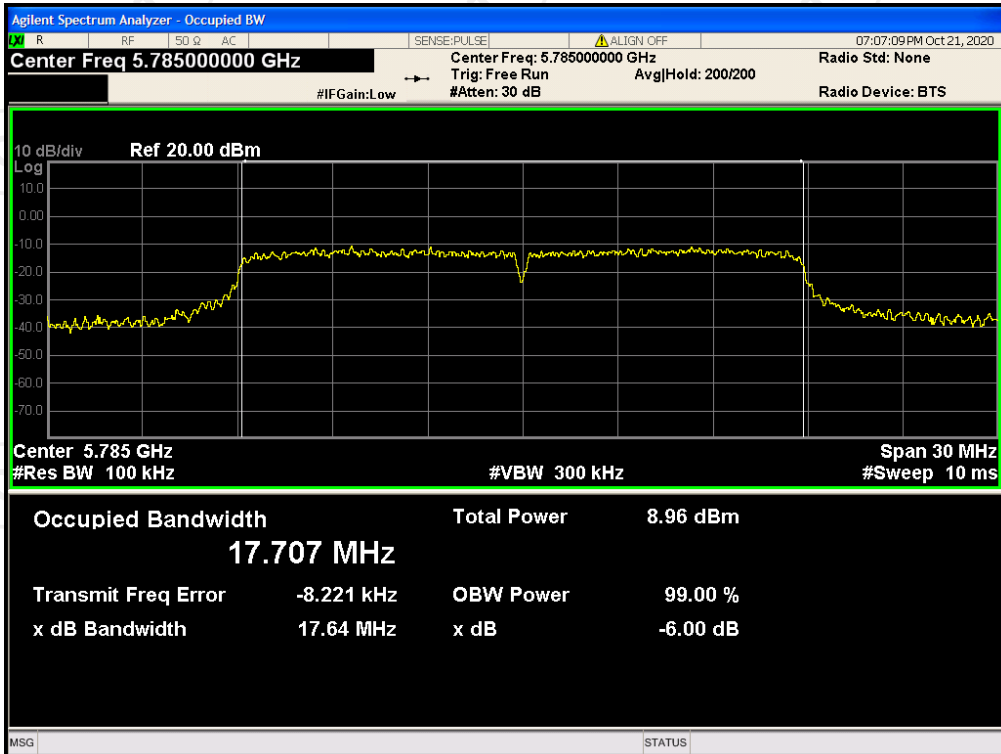
-6dB Bandwidth NVNT 802.11a 5825MHz ANT1



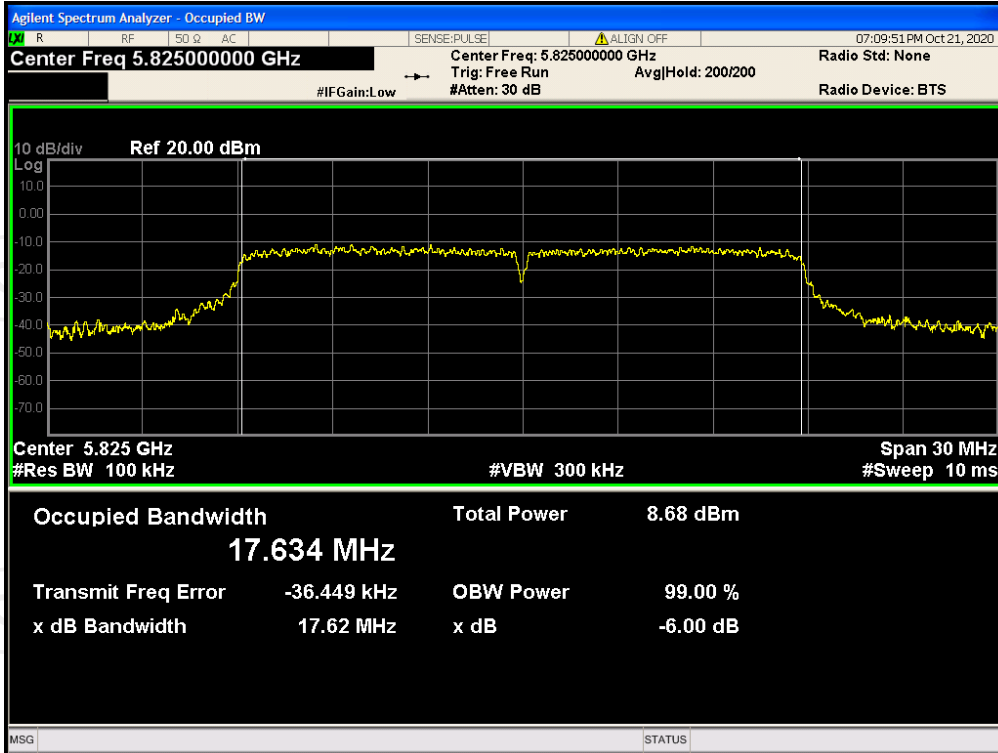
-6dB Bandwidth NVNT 802.11ac20 5745MHz ANT1



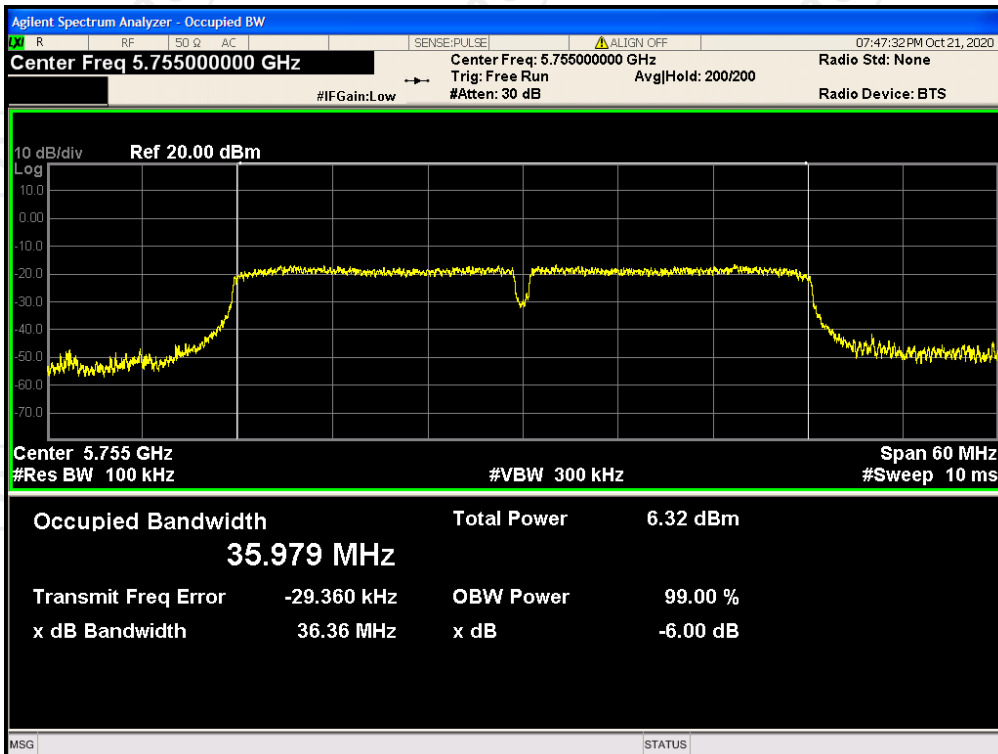
-6dB Bandwidth NVNT 802.11ac20 5785MHz ANT1



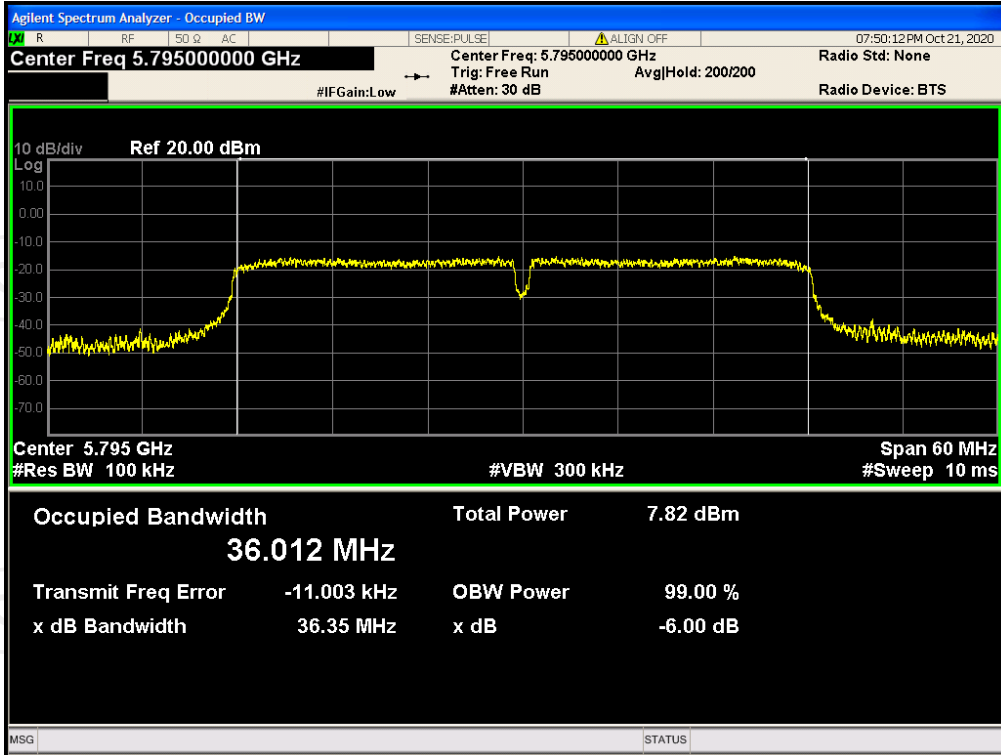
-6dB Bandwidth NVNT 802.11ac20 5825MHz ANT1



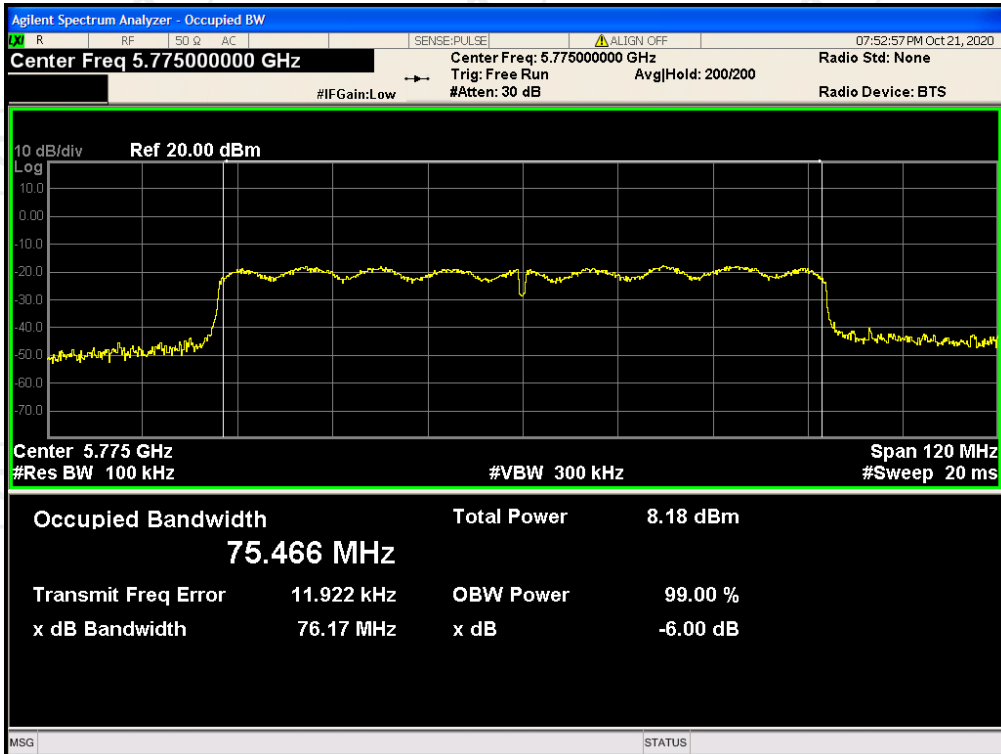
-6dB Bandwidth NVNT 802.11ac40 5755MHz ANT1



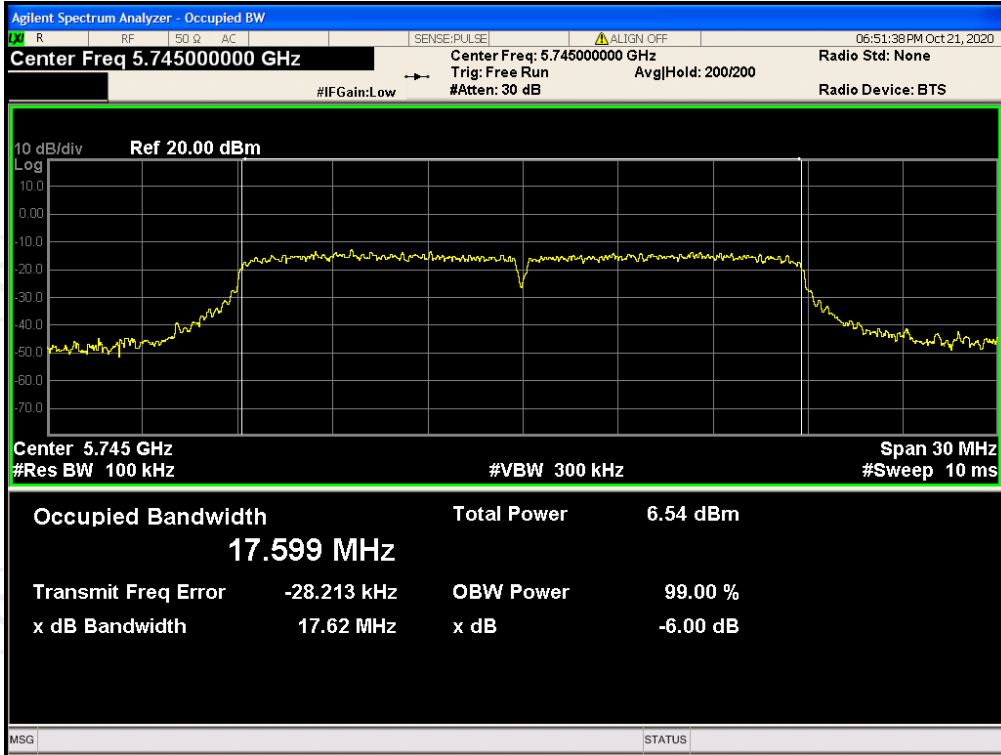
-6dB Bandwidth NVNT 802.11ac40 5795MHz ANT1



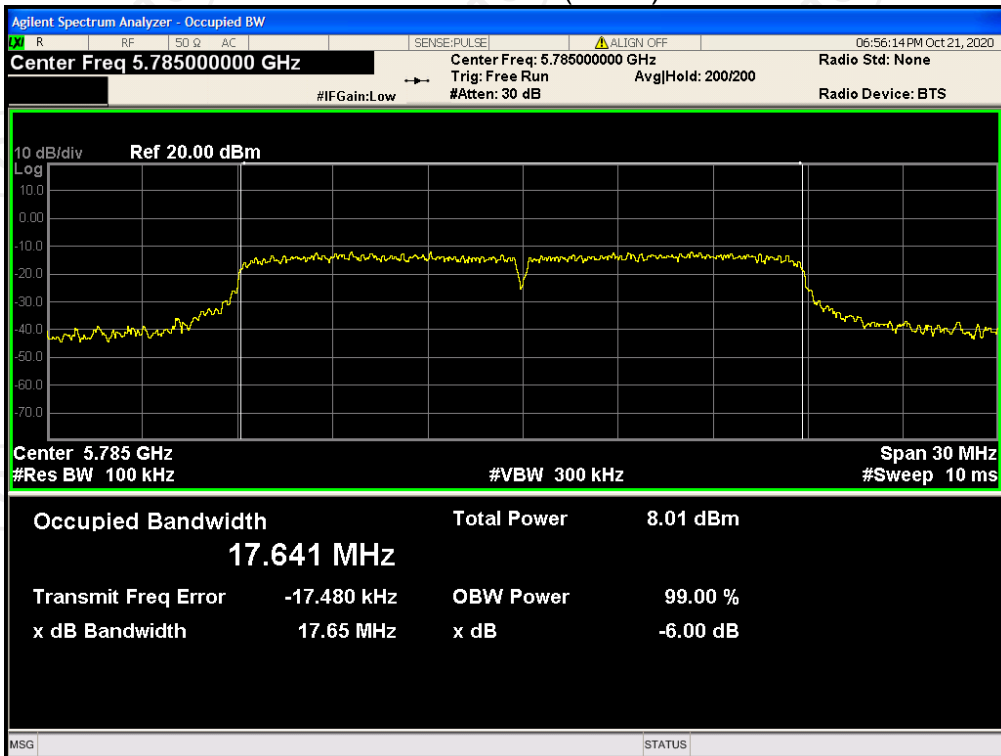
-6dB Bandwidth NVNT 802.11ac80 5775MHz ANT1



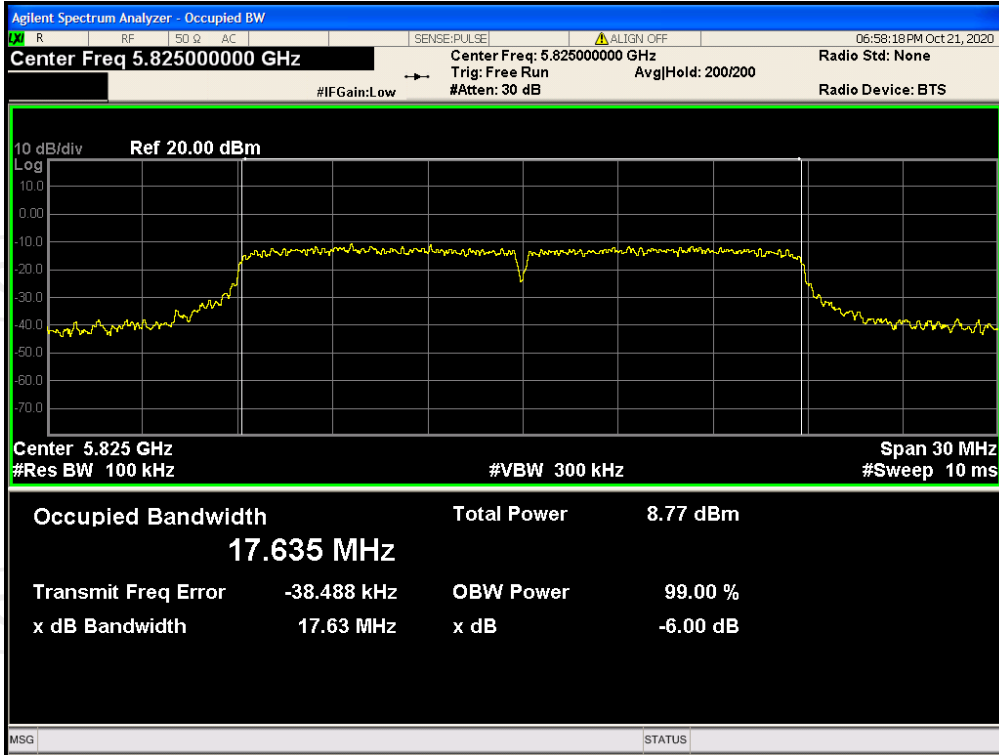
-6dB Bandwidth NVNT 802.11n(HT20) 5745MHz ANT1



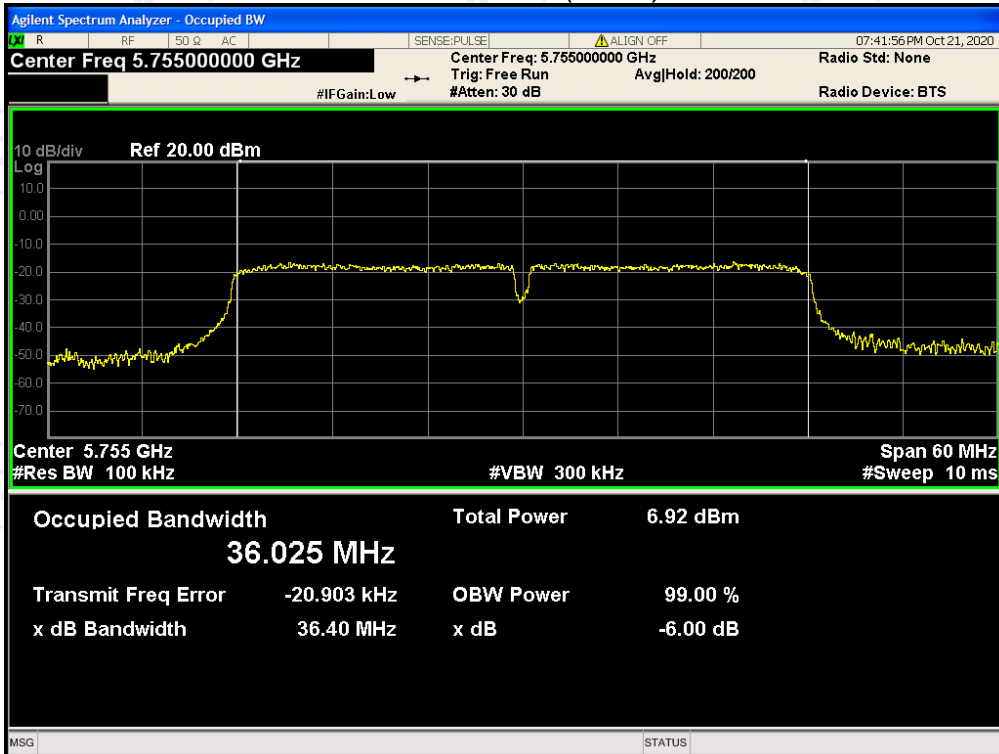
-6dB Bandwidth NVNT 802.11n(HT20) 5785MHz ANT1



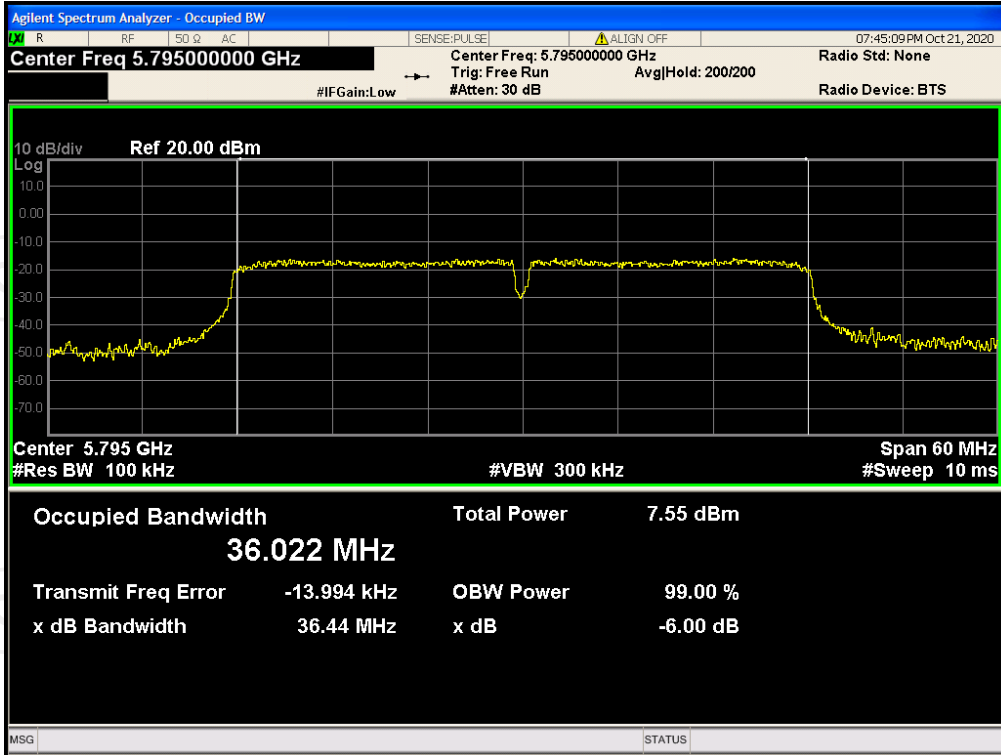
-6dB Bandwidth NVNT 802.11n(HT20) 5825MHz ANT1



-6dB Bandwidth NVNT 802.11n(HT40) 5755MHz ANT1



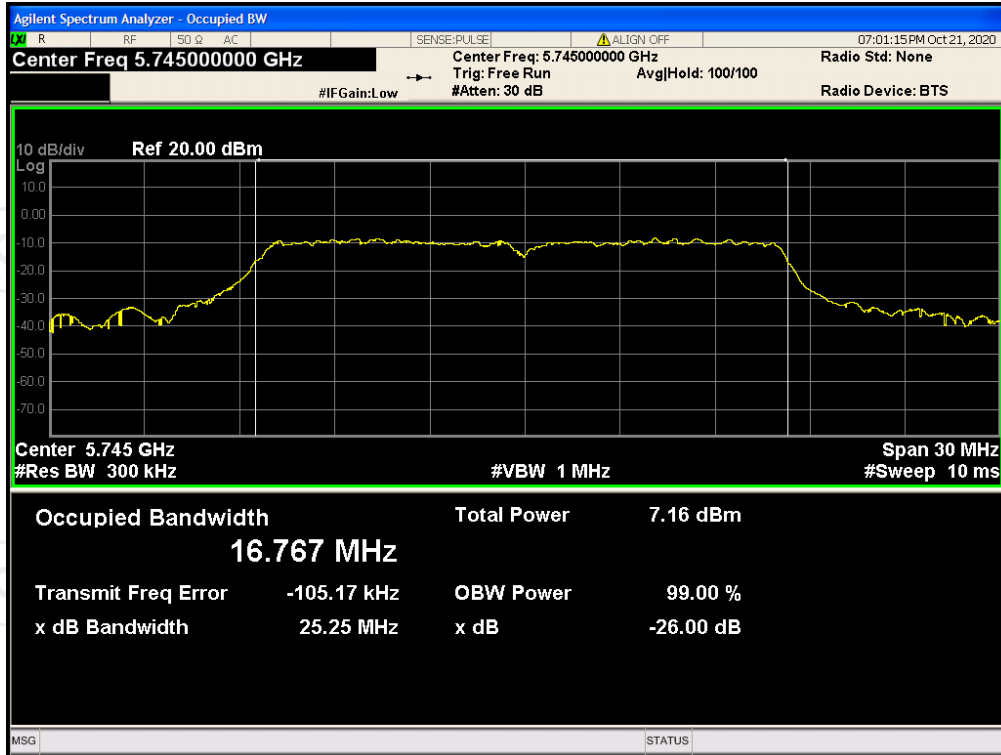
-6dB Bandwidth NVNT 802.11n(HT40) 5795MHz ANT1



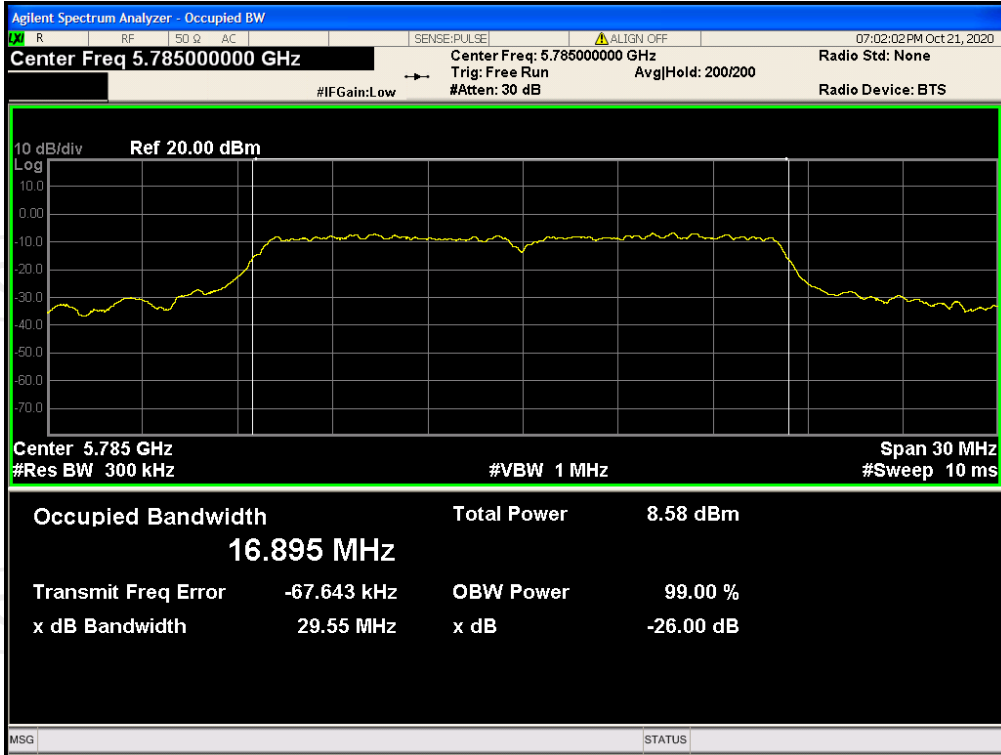
Occupied Channel Bandwidth

Condition	Mode	Frequency (MHz)	Antenna	99% OBW (MHz)	-26 dB Bandwidth (MHz)	Limit -26 dB Bandwidth (MHz)	Verdict
NVNT	802.11a	5745	ANT 1	16.7665	25.2499	0.5	Pass
NVNT	802.11a	5785	ANT 1	16.8947	29.5494	0.5	Pass
NVNT	802.11a	5825	ANT 1	16.7825	25.3496	0.5	Pass
NVNT	802.11ac20	5745	ANT 1	17.7841	21.8776	0.5	Pass
NVNT	802.11ac20	5785	ANT 1	18.0139	30	0.5	Pass
NVNT	802.11ac20	5825	ANT 1	17.8597	23.4889	0.5	Pass
NVNT	802.11ac40	5755	ANT 1	36.2607	43.9614	0.5	Pass
NVNT	802.11ac40	5795	ANT 1	36.3391	56.2408	0.5	Pass
NVNT	802.11ac80	5775	ANT 1	75.6213	101.8861	0.5	Pass
NVNT	802.11n(HT20)	5745	ANT 1	17.763	21.8431	0.5	Pass
NVNT	802.11n(HT20)	5825	ANT 1	17.832	26.0742	0.5	Pass
NVNT	802.11n(HT40)	5755	ANT 1	36.2493	43.8334	0.5	Pass
NVNT	802.11n(HT40)	5795	ANT 1	36.2551	51.3403	0.5	Pass

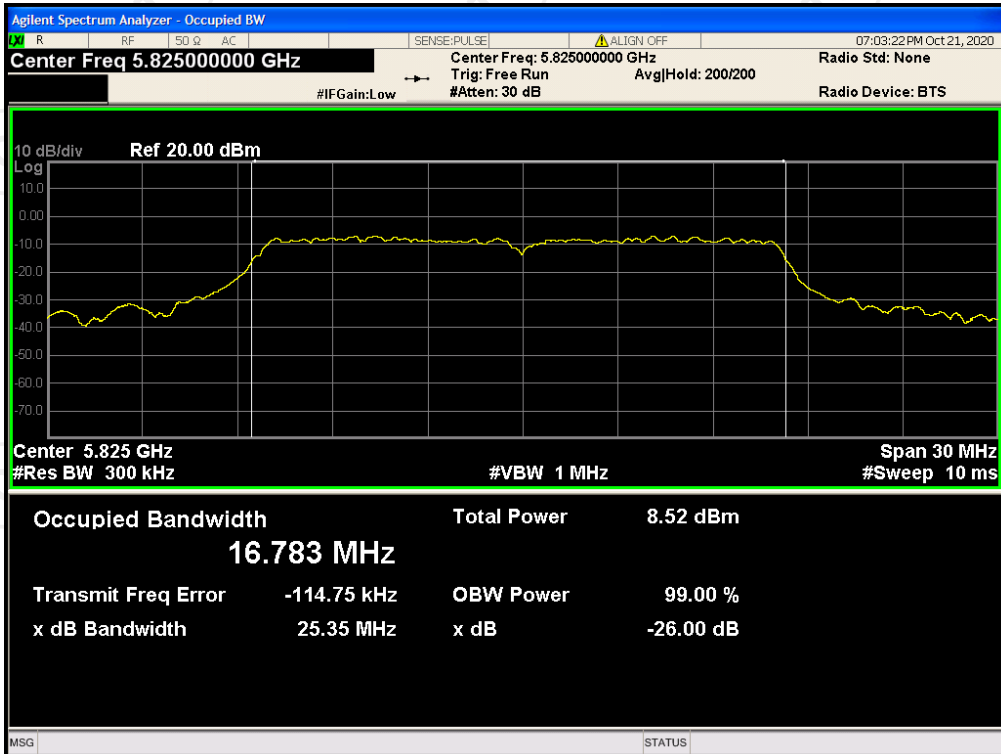
OBW NVNT 802.11a 5745MHz ANT1



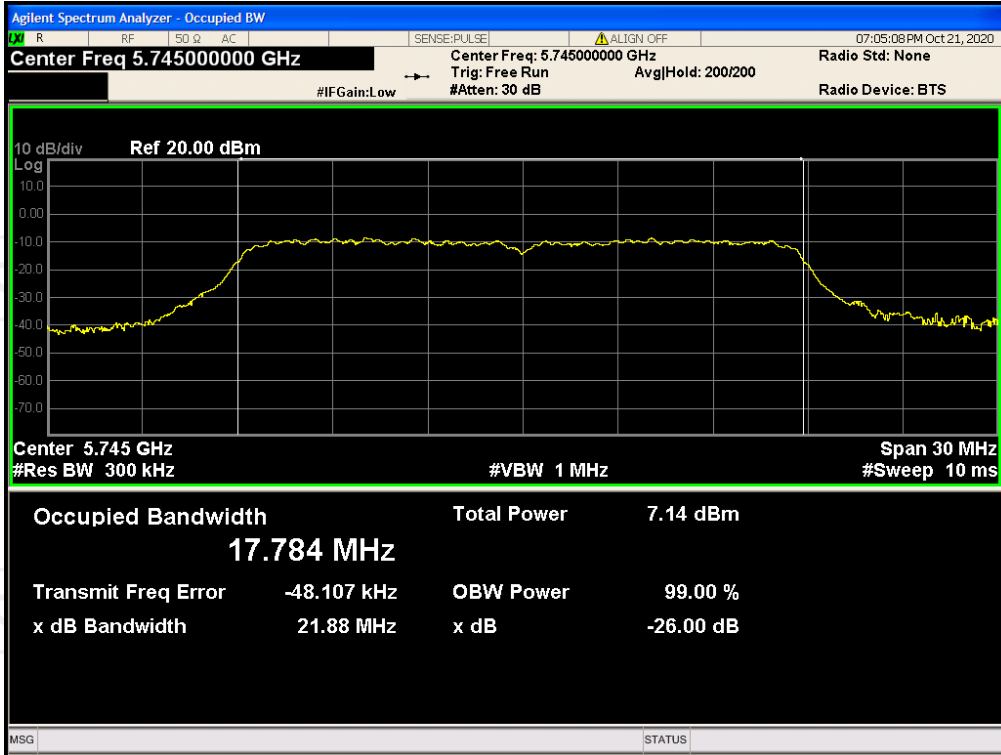
OBW NVNT 802.11a 5785MHz ANT1



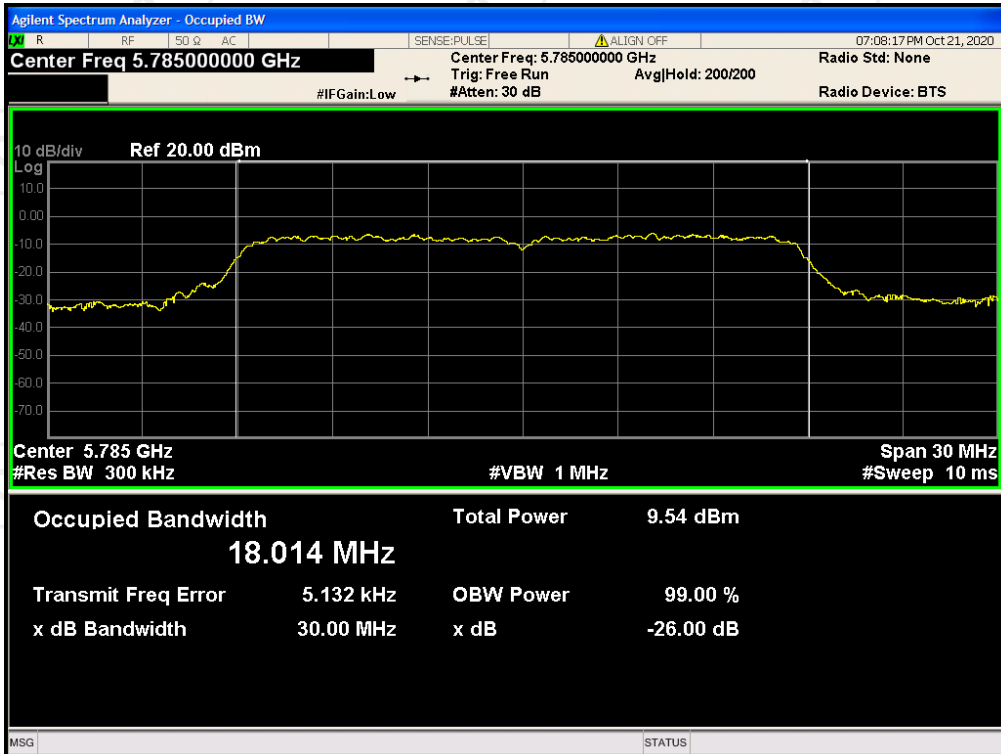
OBW NVNT 802.11a 5825MHz ANT1



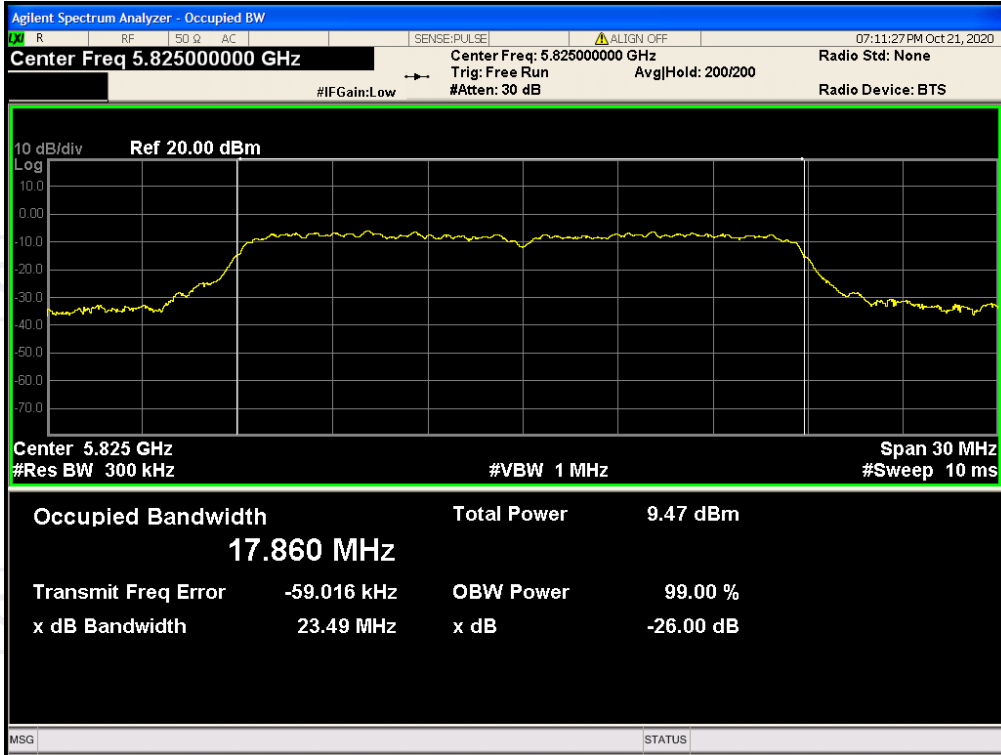
OBW NVNT 802.11ac20 5745MHz ANT1



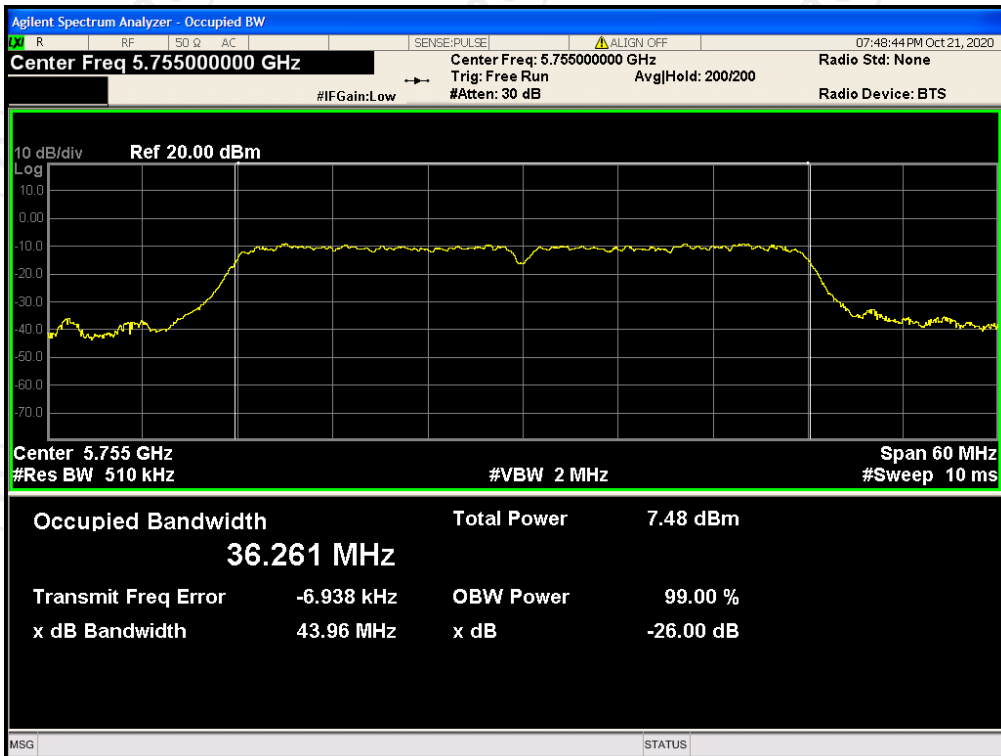
OBW NVNT 802.11ac20 5785MHz ANT1



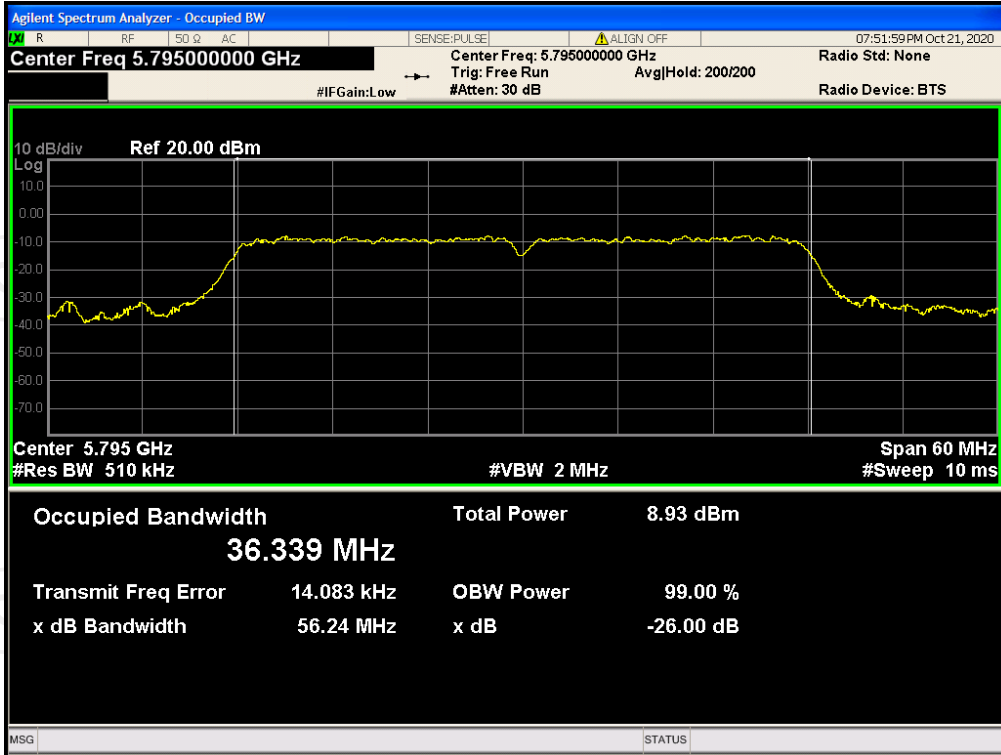
OBW NVNT 802.11ac20 5825MHz ANT1



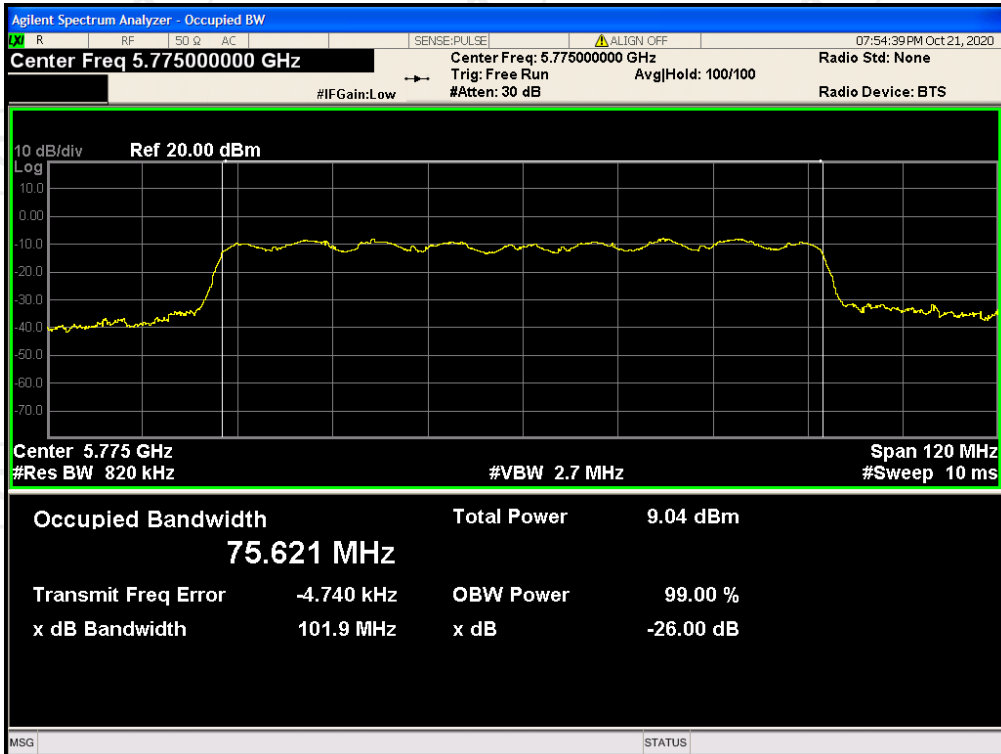
OBW NVNT 802.11ac40 5755MHz ANT1



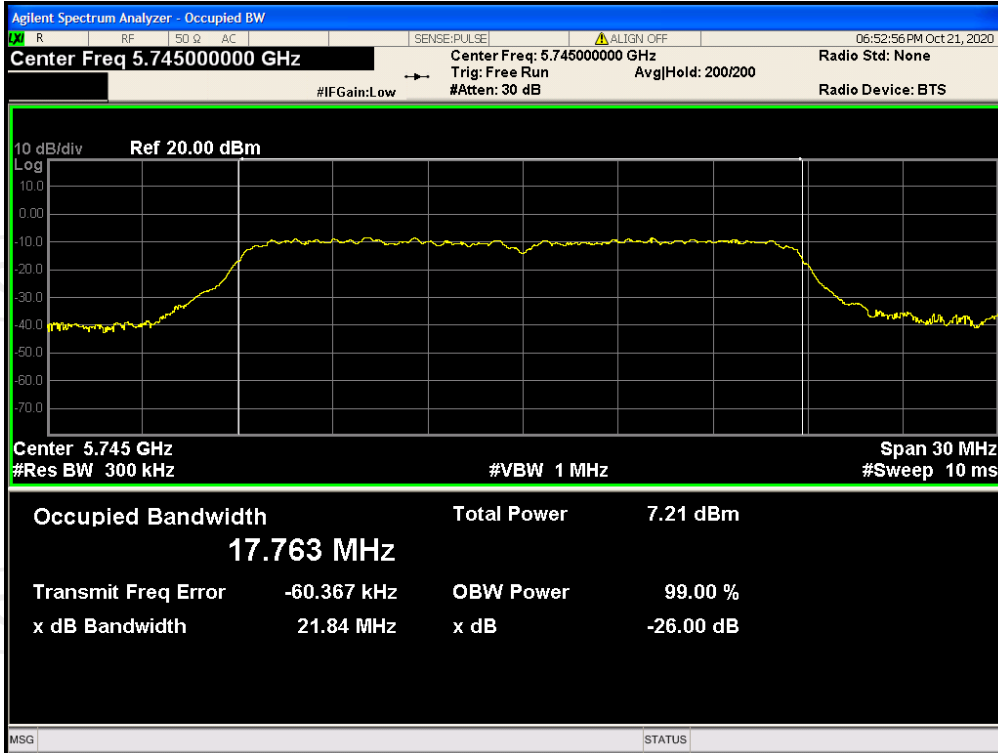
OBW NVNT 802.11ac40 5795MHz ANT1



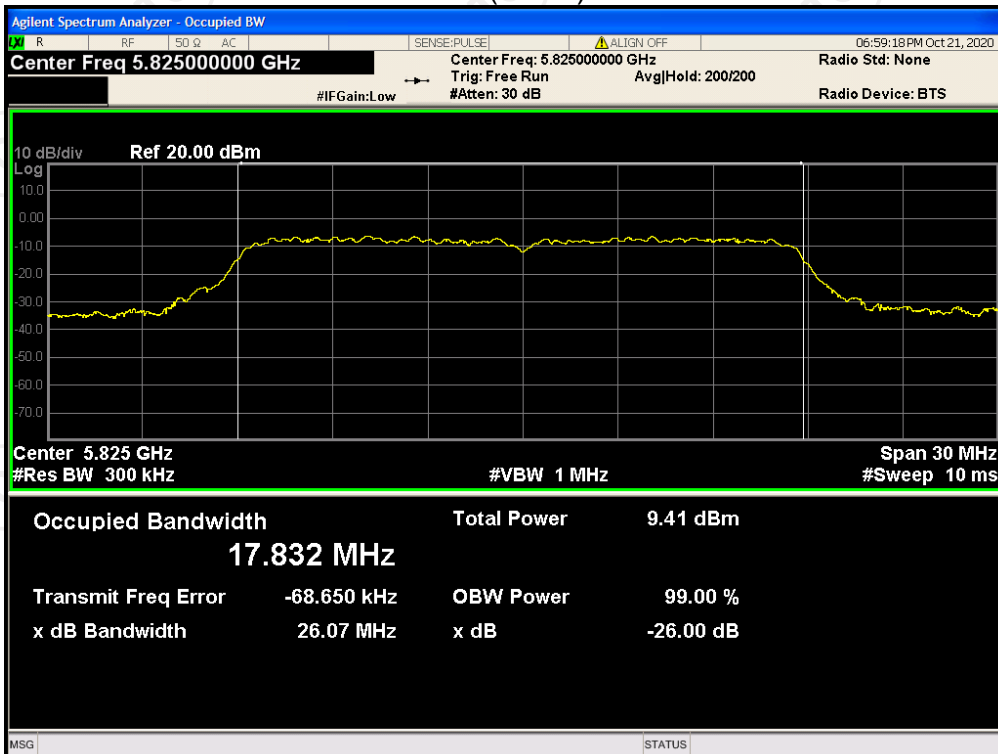
OBW NVNT 802.11ac80 5775MHz ANT1



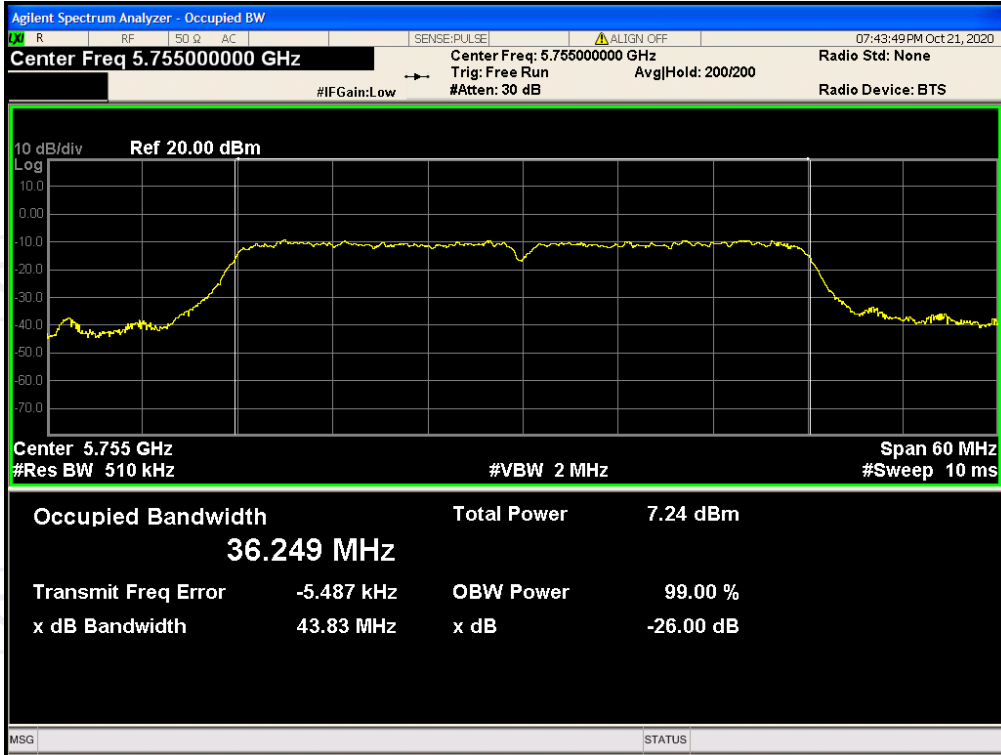
OBW NVNT 802.11n(HT20) 5745MHz ANT1



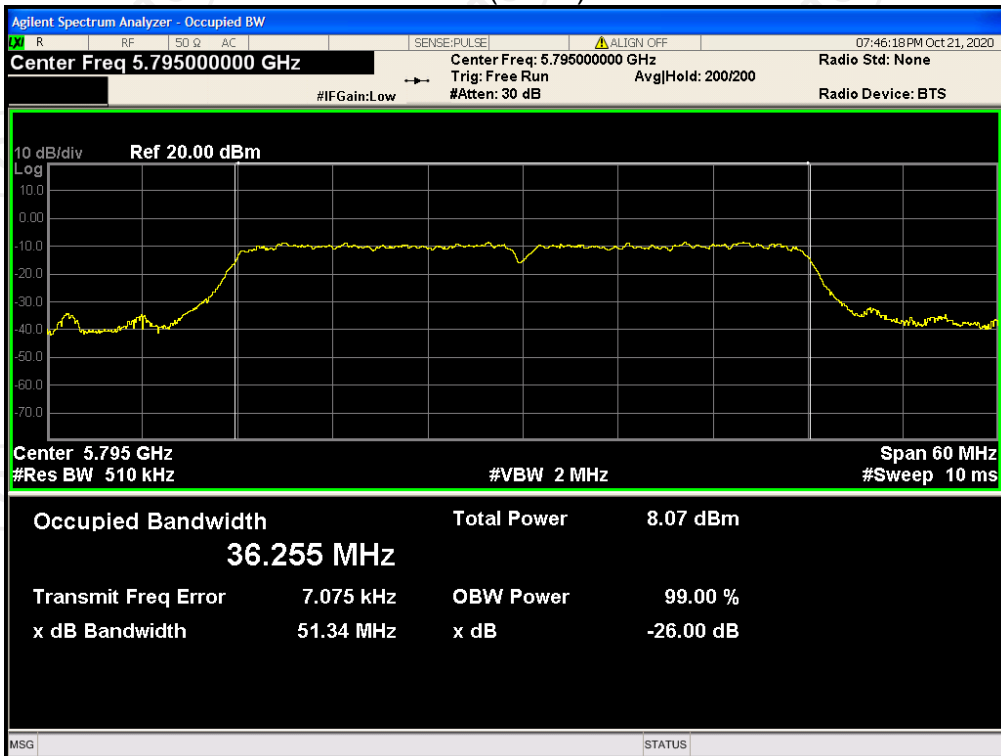
OBW NVNT 802.11n(HT20) 5825MHz ANT1



OBW NVNT 802.11n(HT40) 5755MHz ANT1



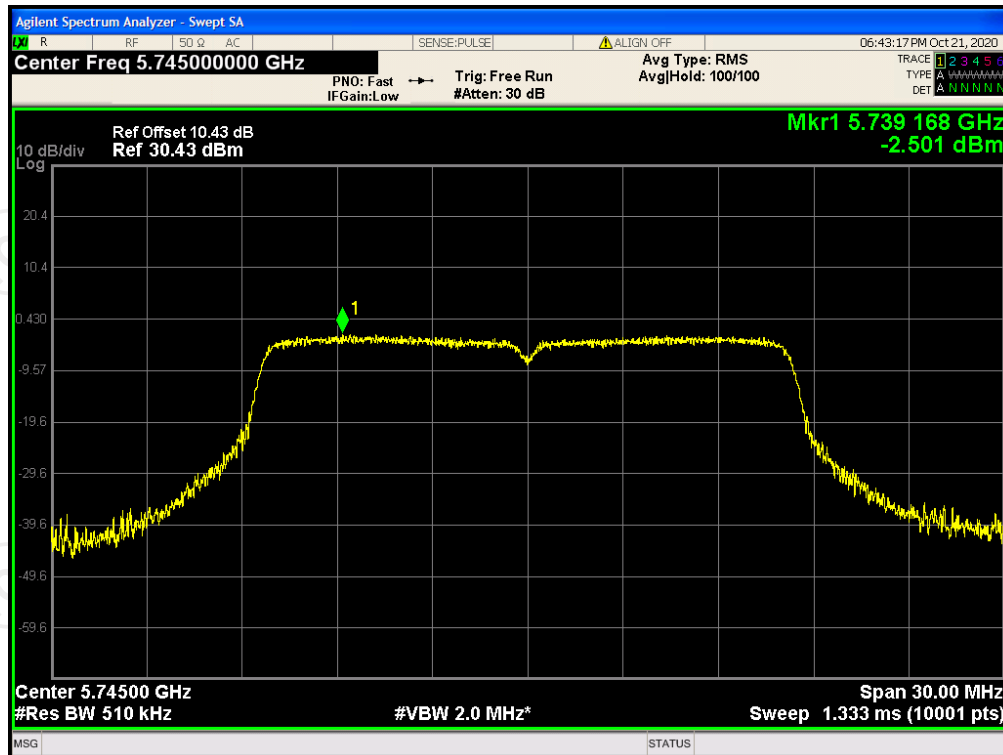
OBW NVNT 802.11n(HT40) 5795MHz ANT1



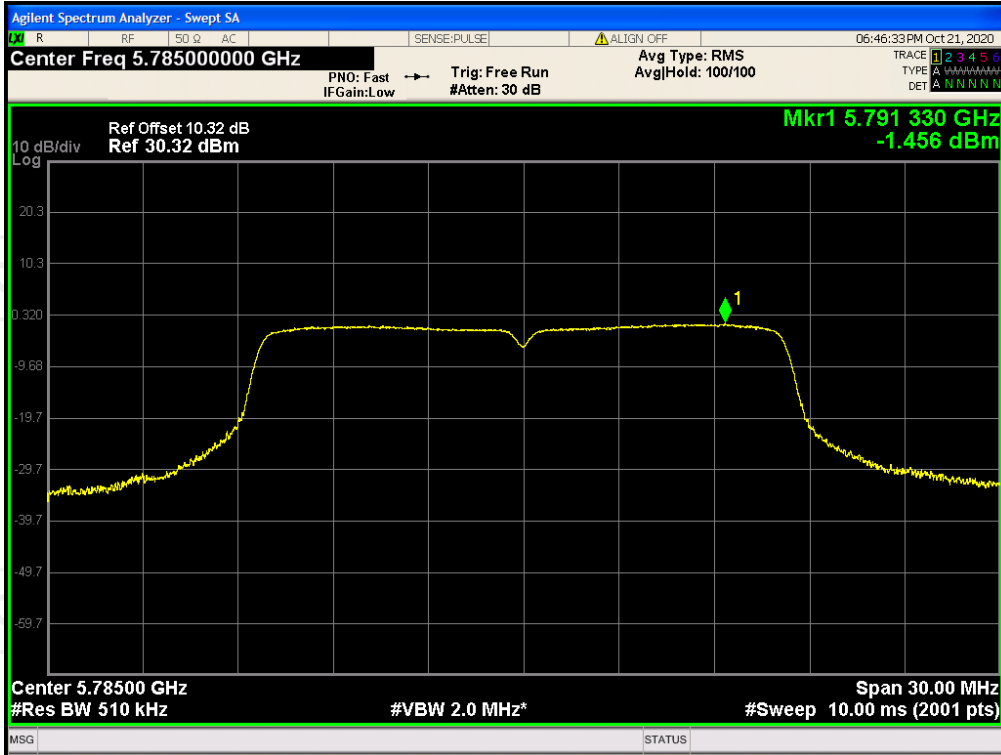
Maximum Power Spectral Density Level

Mode	Frequency (MHz)	Max PSD (dBm/510KHz)	Max PSD (dBm/500KHz)	Limit (dBm/500KHz)	Verdict
802.11a	5745	-2.501	-2.587	30	Pass
802.11a	5785	-1.456	-1.542	30	Pass
802.11a	5825	-1.999	-2.085	30	Pass
802.11ac20	5745	-3.177	-3.263	30	Pass
802.11ac20	5785	-0.870	-0.956	30	Pass
802.11ac20	5825	-1.291	-1.377	30	Pass
802.11ac40	5755	-6.150	-6.236	30	Pass
802.11ac40	5795	-4.645	-4.731	30	Pass
802.11ac80	5775	-7.067	-7.153	30	Pass
802.11n(HT20)	5745	-3.325	-3.411	30	Pass
802.11n(HT20)	5785	-1.680	-1.766	30	Pass
802.11n(HT20)	5825	-1.029	-1.115	30	Pass
802.11n(HT40)	5755	-6.241	-6.327	30	Pass
802.11n(HT40)	5795	-5.259	-5.345	30	Pass

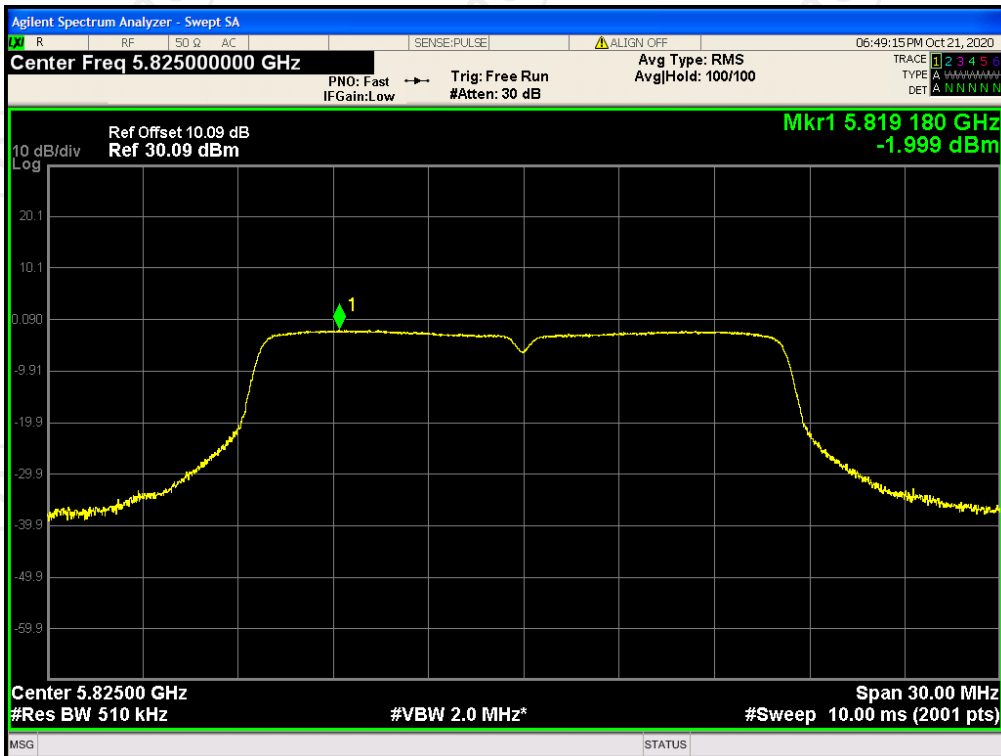
PSD NVNT 802.11a 5745MHz ANT1



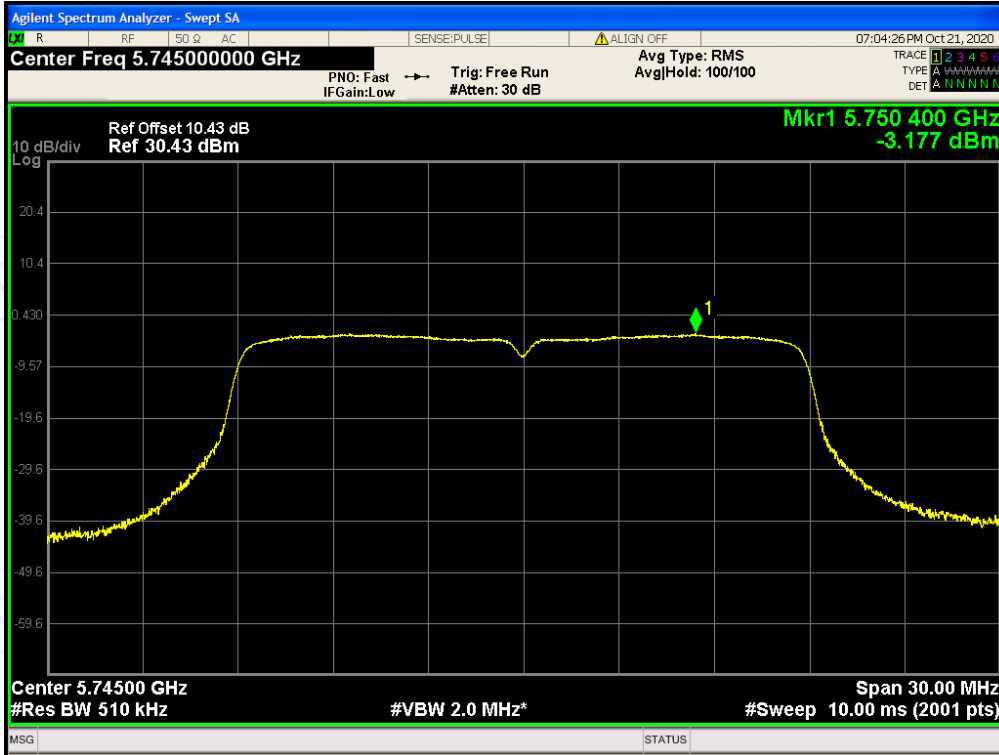
PSD NVNT 802.11a 5785MHz ANT1



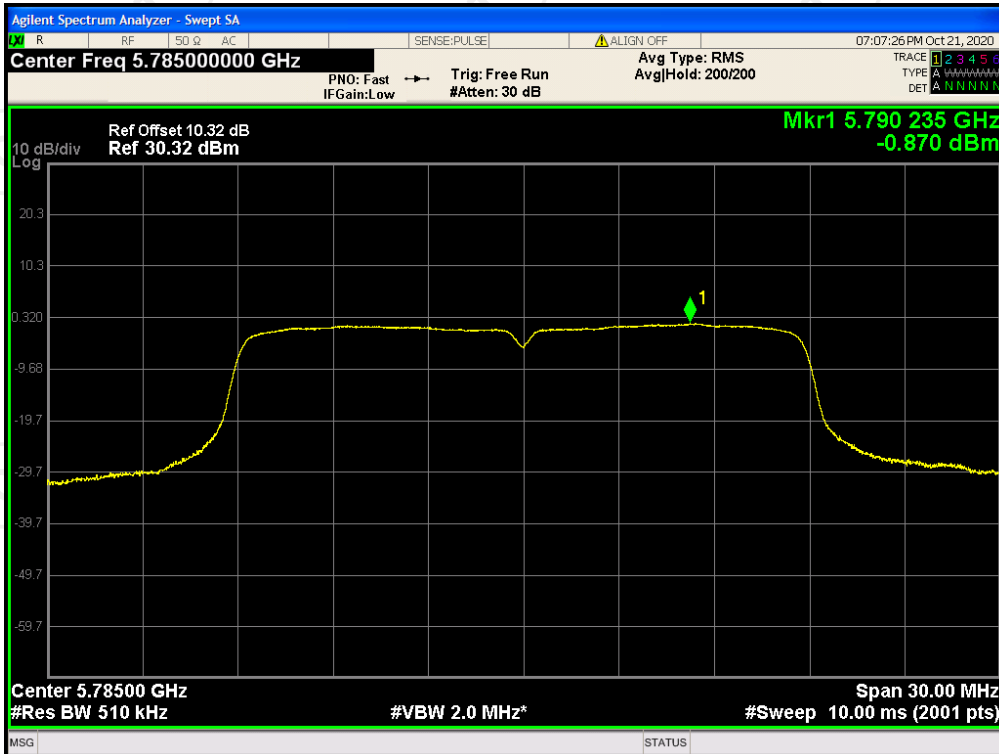
PSD NVNT 802.11a 5825MHz ANT1



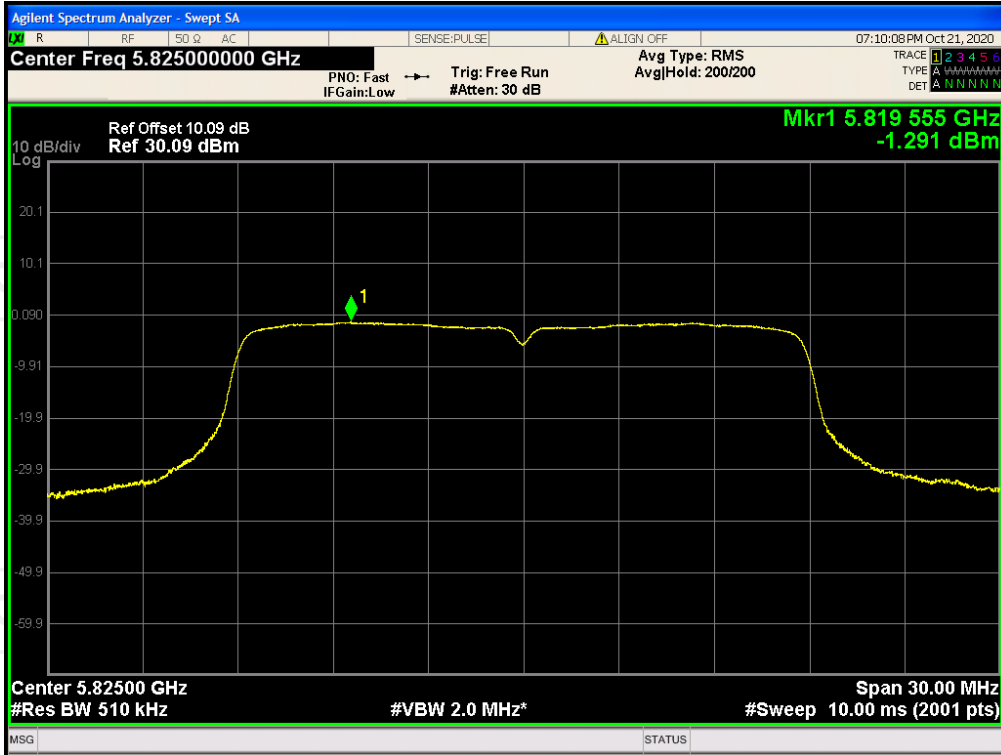
PSD NVNT 802.11ac20 5745MHz ANT1



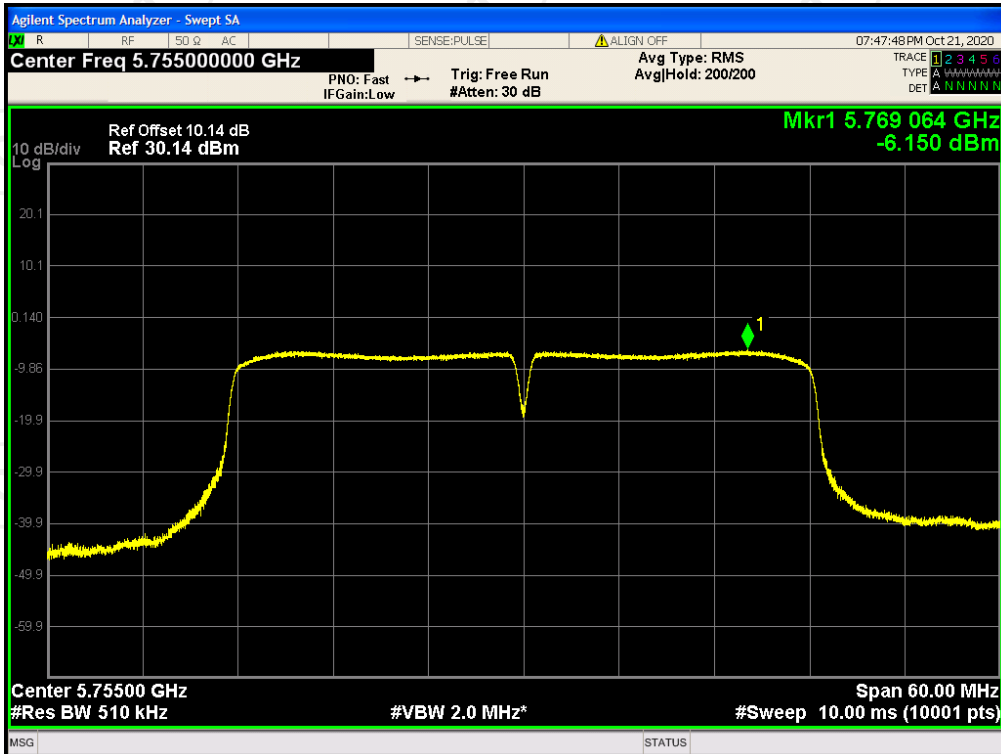
PSD NVNT 802.11ac20 5785MHz ANT1



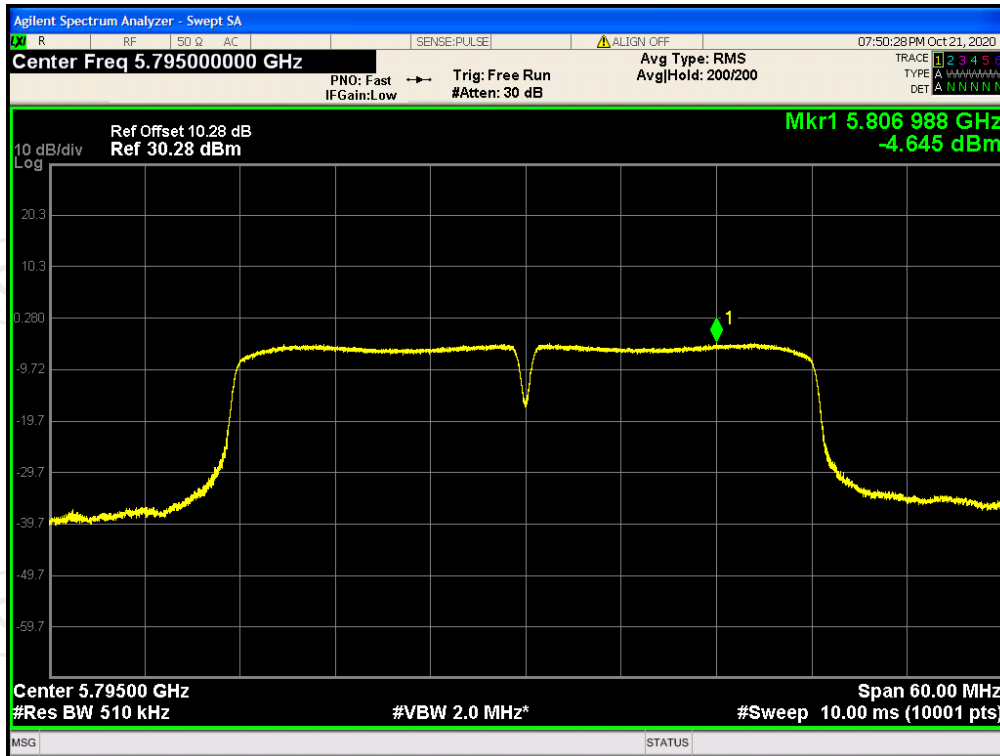
PSD NVNT 802.11ac20 5825MHz ANT1



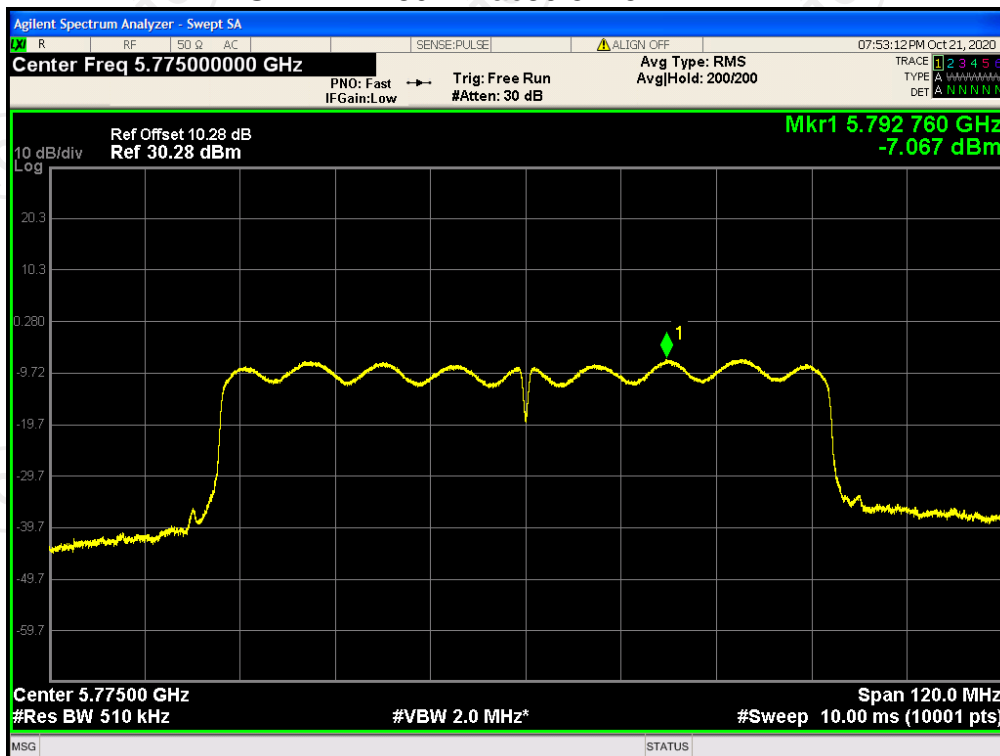
PSD NVNT 802.11ac40 5755MHz ANT1



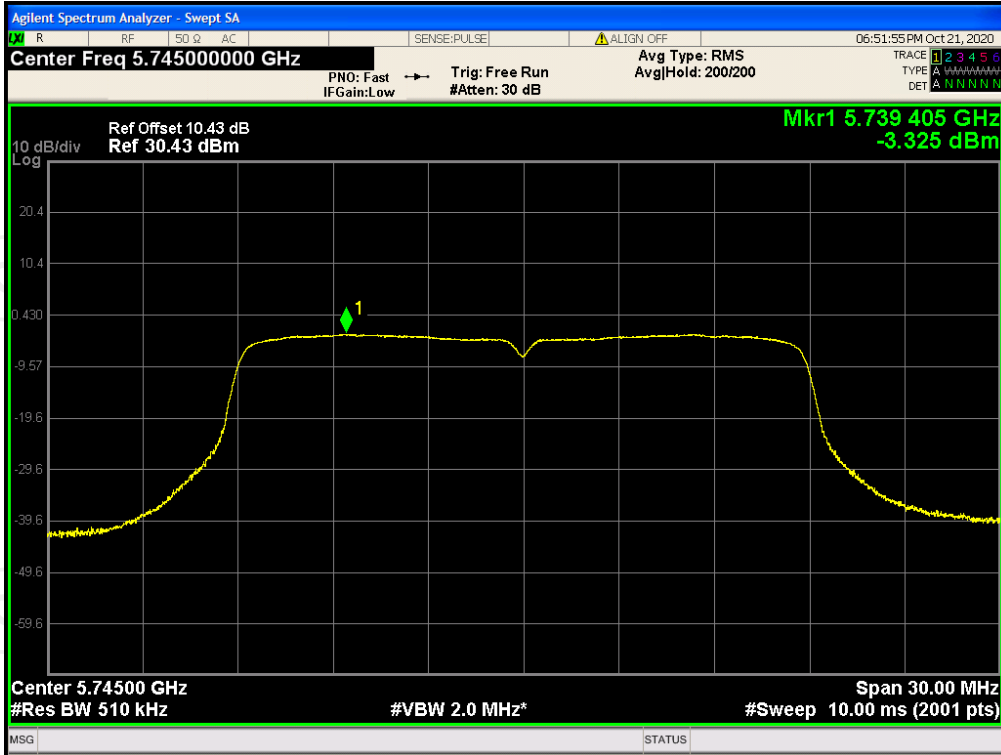
PSD NVNT 802.11ac40 5795MHz ANT1



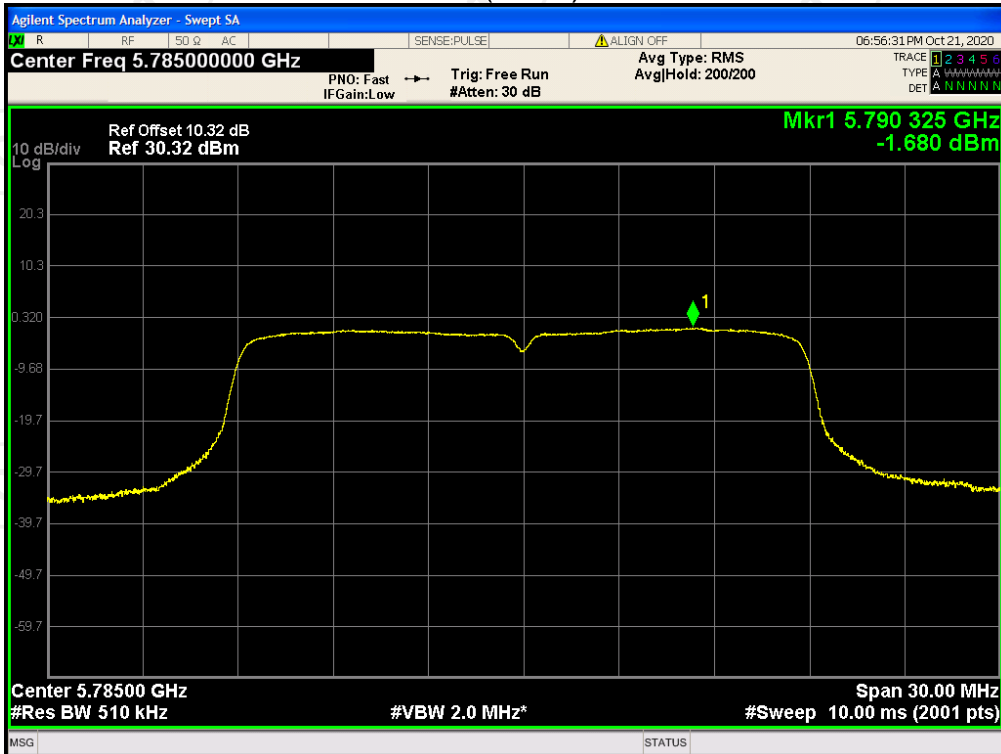
PSD NVNT 802.11ac80 5775MHz ANT1



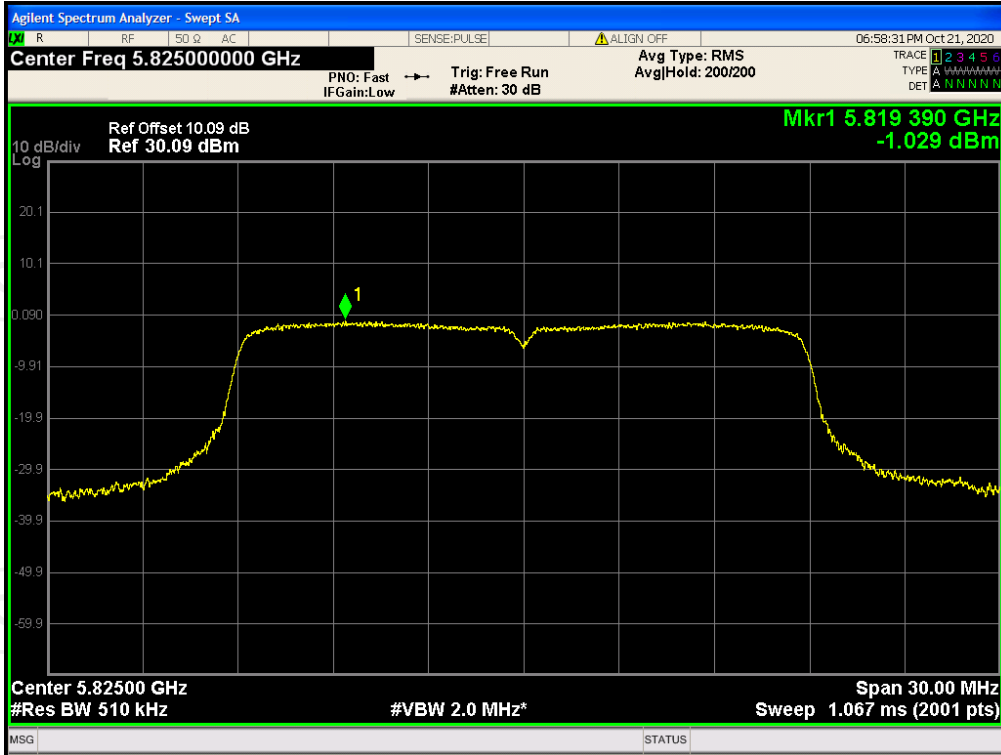
PSD NVNT 802.11n(HT20) 5745MHz ANT1



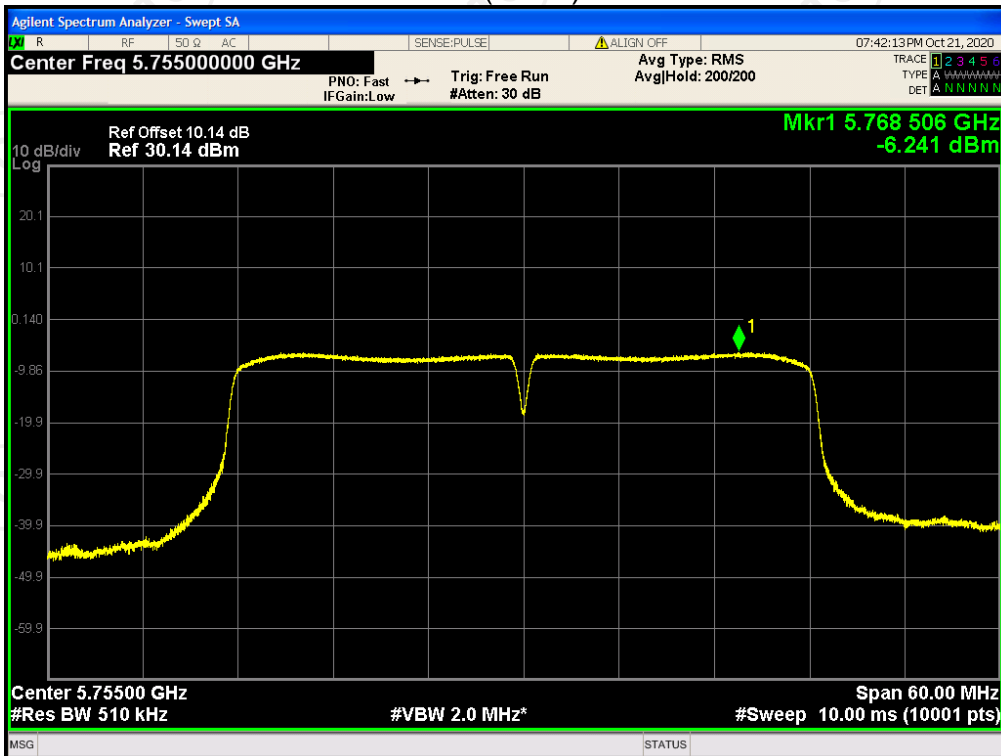
PSD NVNT 802.11n(HT20) 5785MHz ANT1



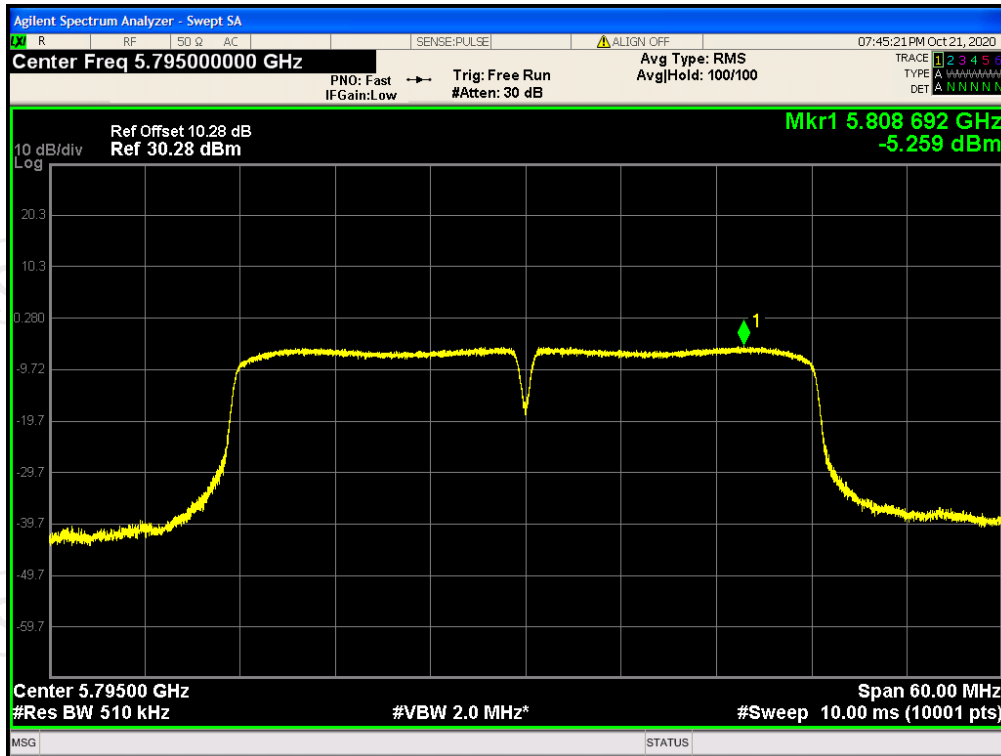
PSD NVNT 802.11n(HT20) 5825MHz ANT1



PSD NVNT 802.11n(HT40) 5755MHz ANT1



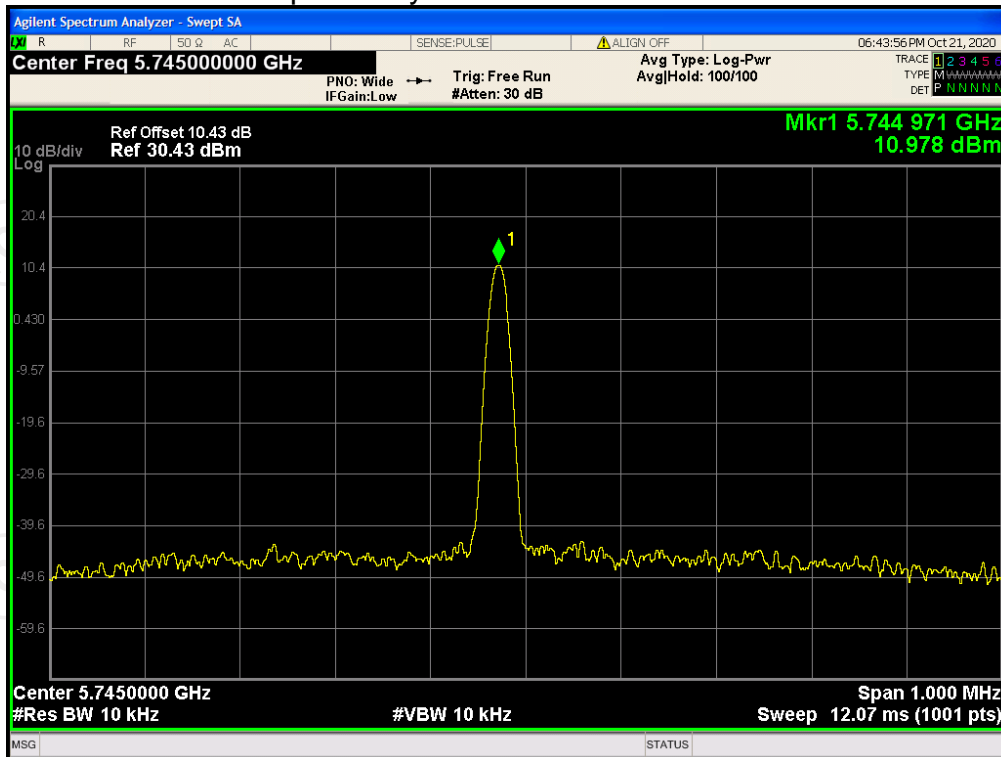
PSD NVNT 802.11n(HT40) 5795MHz ANT1



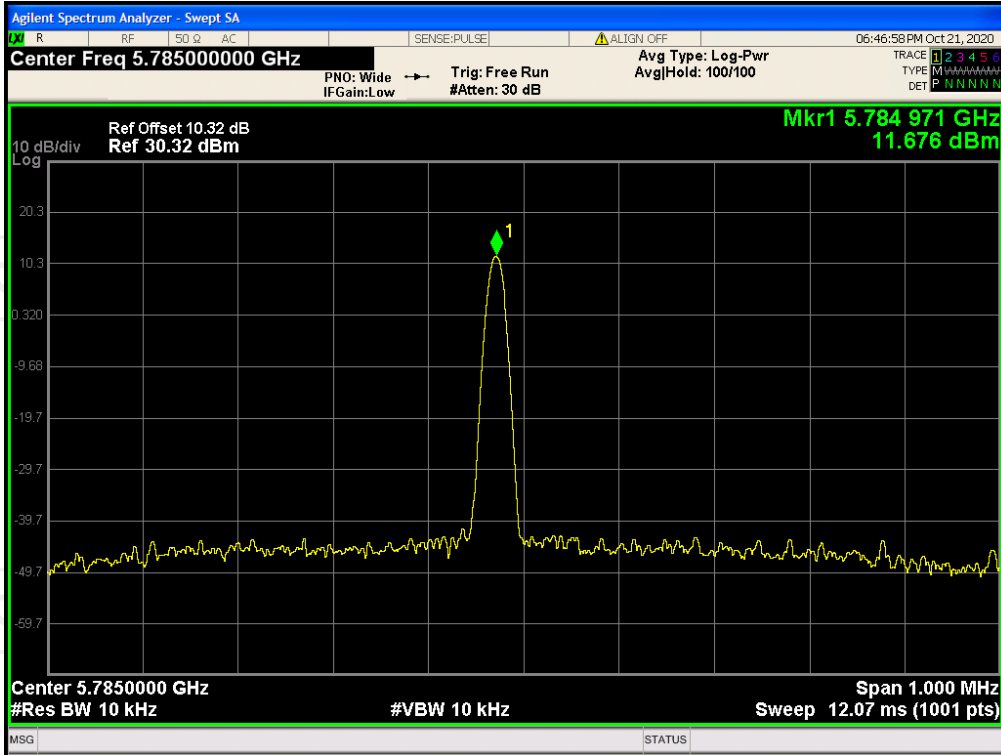
Frequency Stability

Condition	Mode	Frequency (MHz)	Measured Frequency (MHz)	Deviation (ppm)	Limit (ppm)	Verdict
NVNT	802.11a	5745	5744.971	-5.05	25	Pass
NVNT	802.11a	5785	5784.971	-5.01	25	Pass
NVNT	802.11a	5825	5824.97	-5.15	25	Pass
NVNT	802.11ac20	5745	5744.971	-5.05	25	Pass
NVNT	802.11ac20	5785	5784.97	-5.19	25	Pass
NVNT	802.11ac20	5825	5824.971	-4.98	25	Pass
NVNT	802.11ac40	5755	5754.957	-7.47	25	Pass
NVNT	802.11ac40	5795	5794.956	-7.59	25	Pass
NVNT	802.11ac80	5775	5774.957	-7.45	25	Pass
NVNT	802.11n(HT20)	5745	5744.972	-4.87	25	Pass
NVNT	802.11n(HT20)	5825	5824.97	-5.15	25	Pass
NVNT	802.11n(HT40)	5755	5754.957	-7.47	25	Pass
NVNT	802.11n(HT40)	5795	5794.956	-7.59	25	Pass

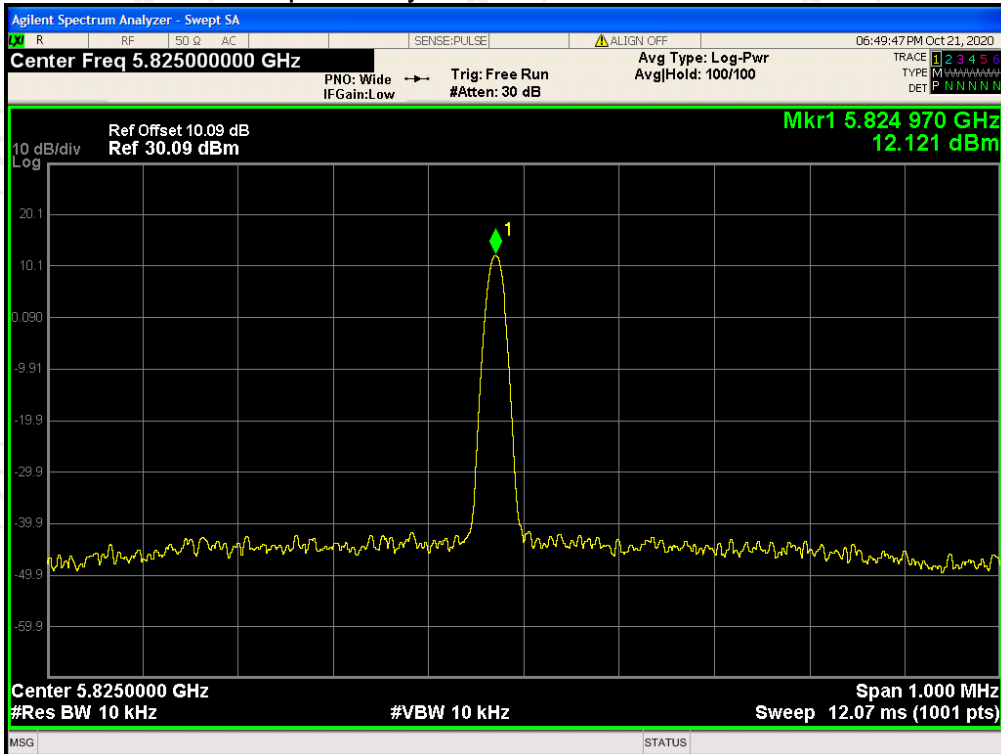
Freq. Stability NVNT 802.11a 5745MHz



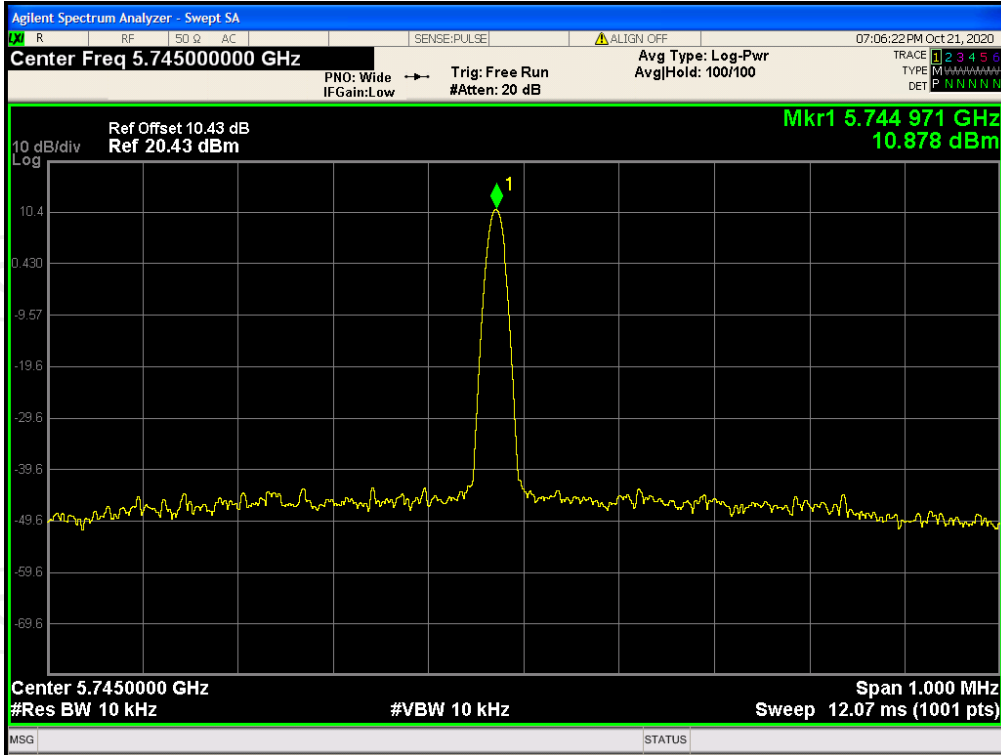
Freq. Stability NVNT 802.11a 5785MHz



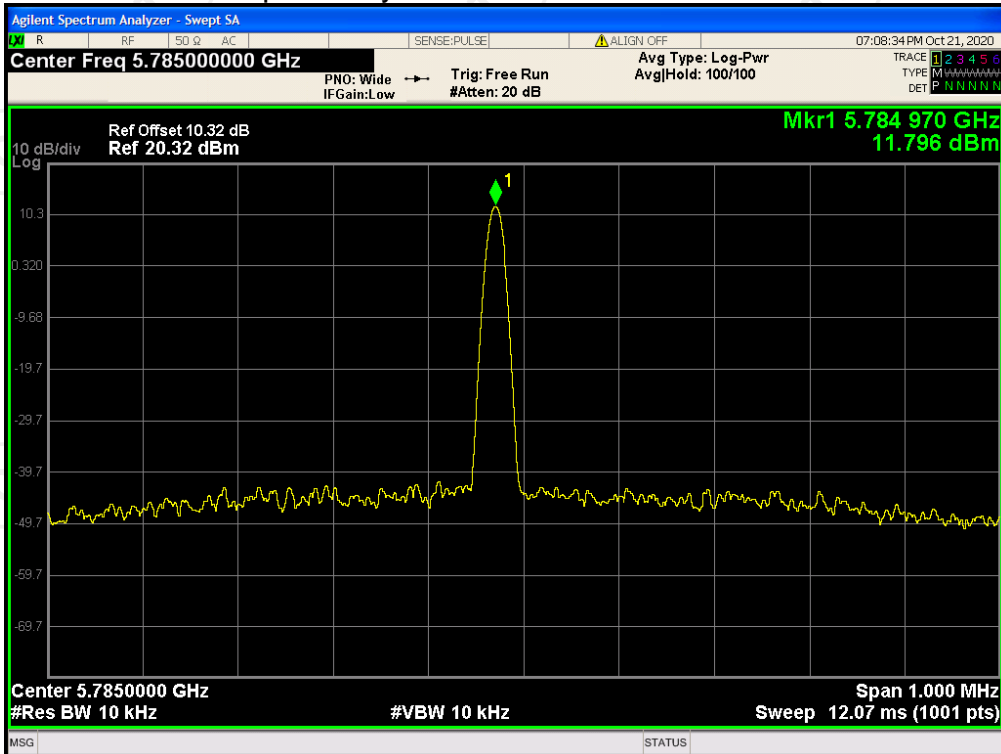
Freq. Stability NVNT 802.11a 5825MHz



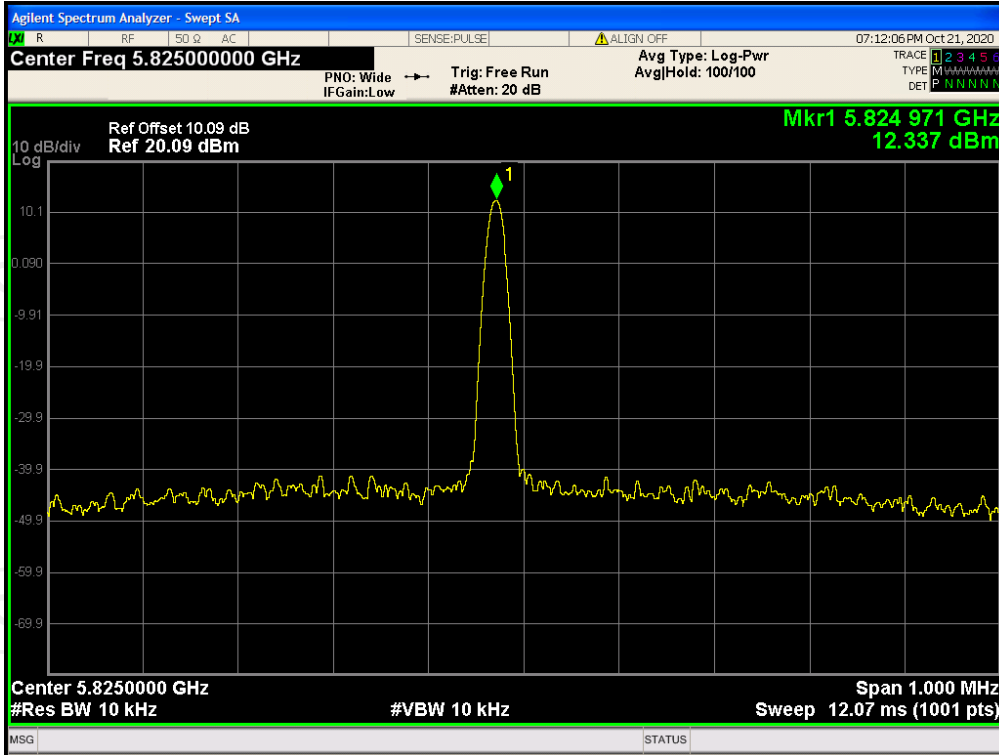
Freq. Stability NVNT 802.11ac20 5745MHz



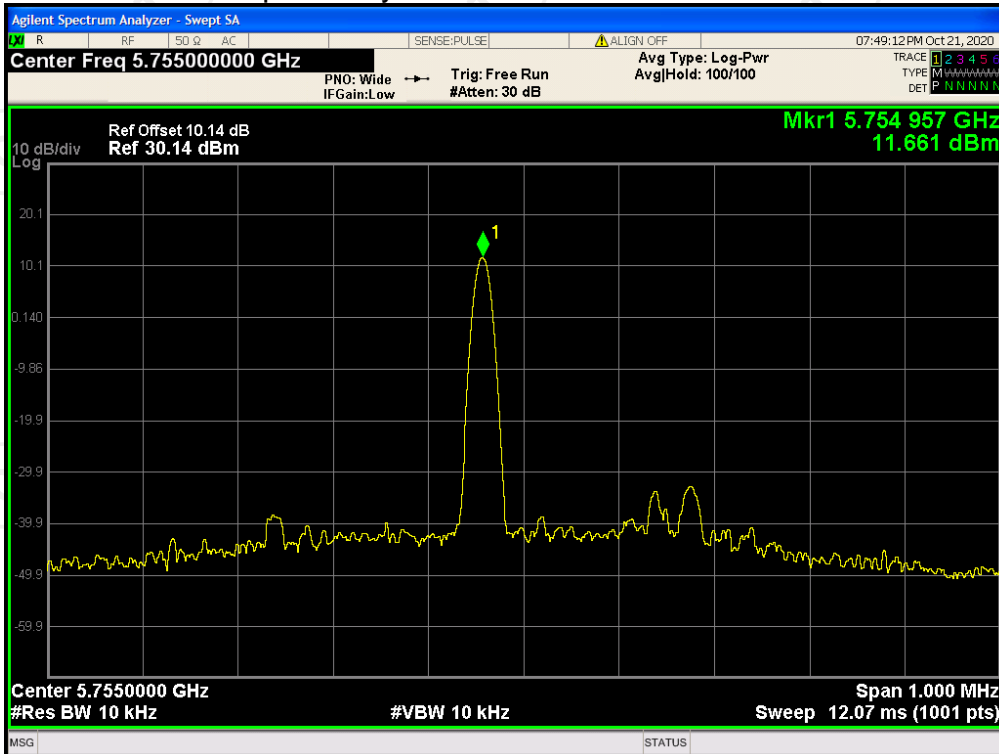
Freq. Stability NVNT 802.11ac20 5785MHz



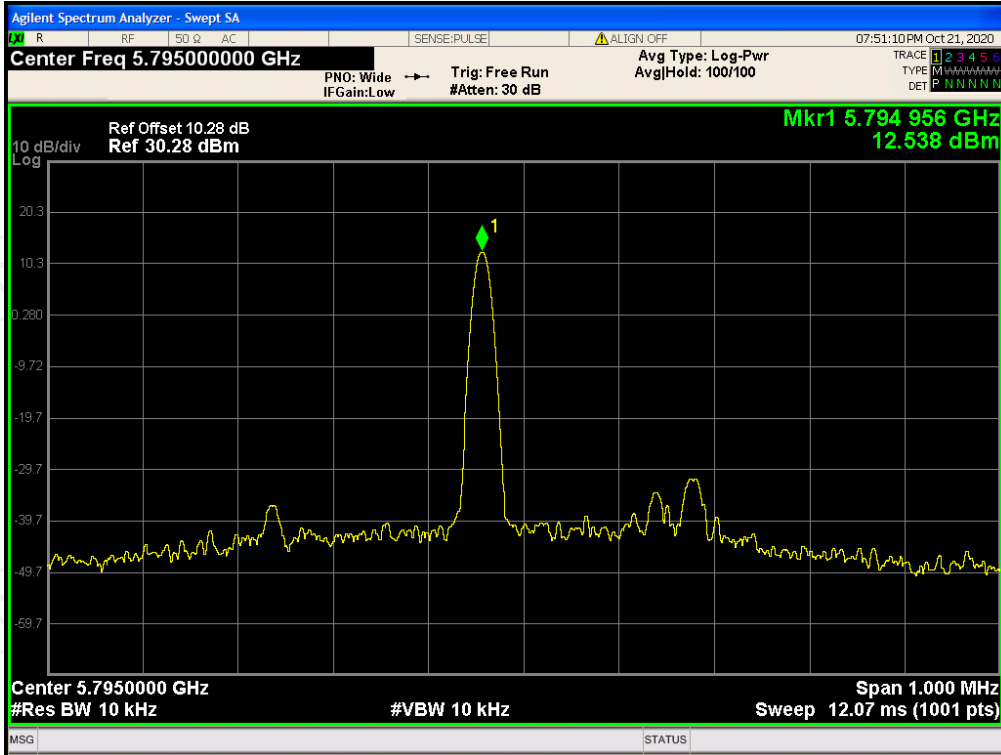
Freq. Stability NVNT 802.11ac20 5825MHz



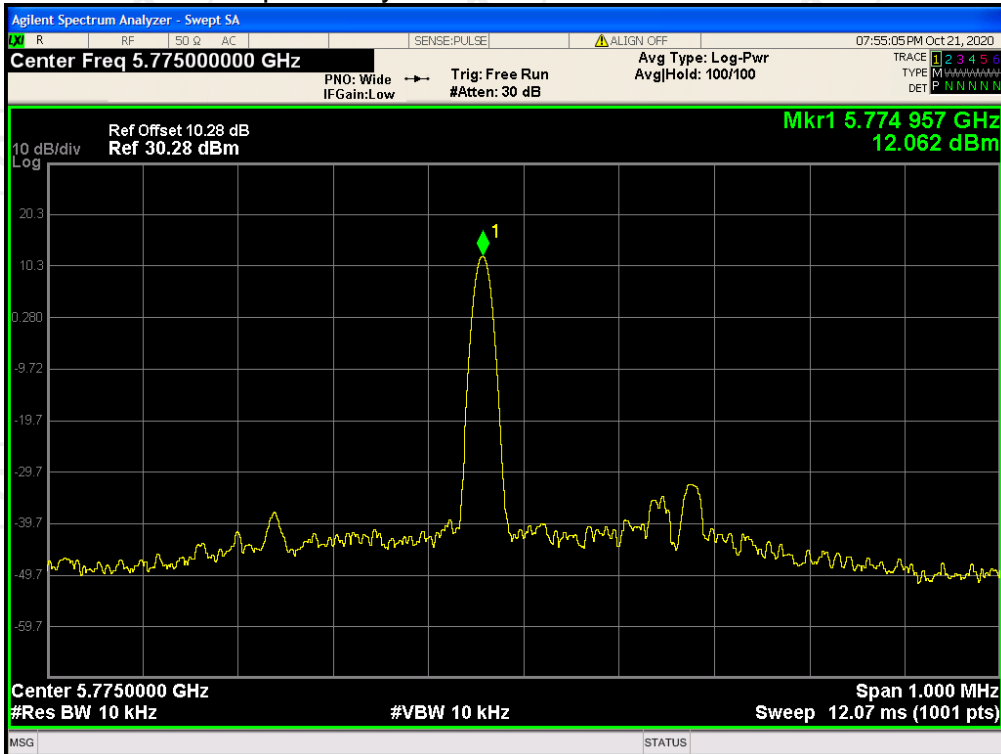
Freq. Stability NVNT 802.11ac40 5755MHz



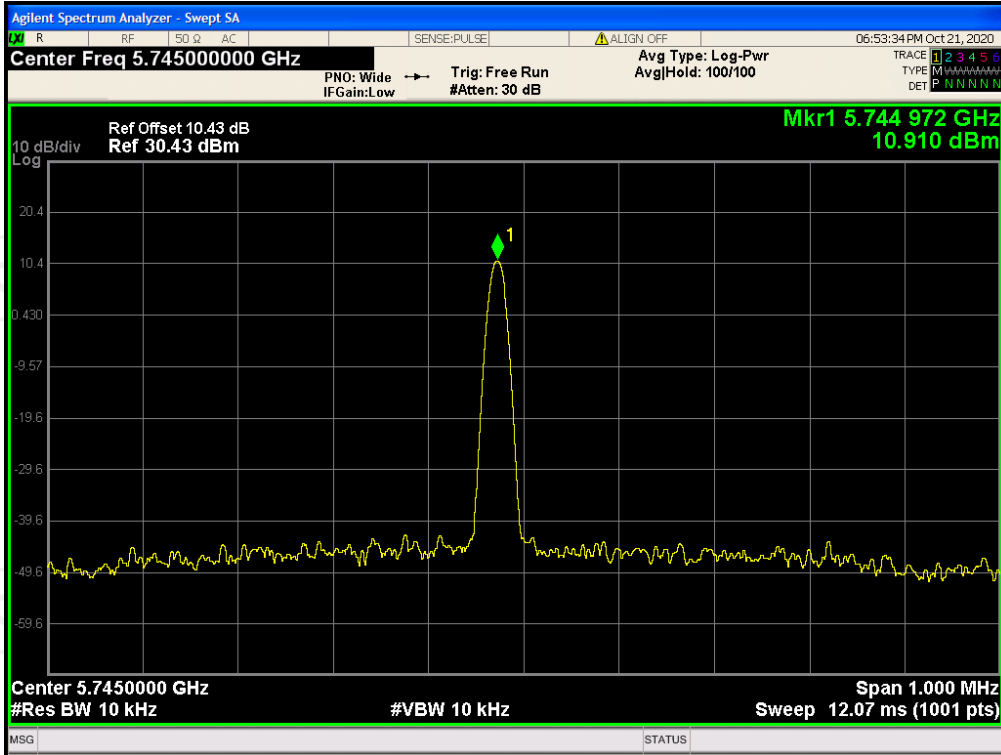
Freq. Stability NVNT 802.11ac40 5795MHz



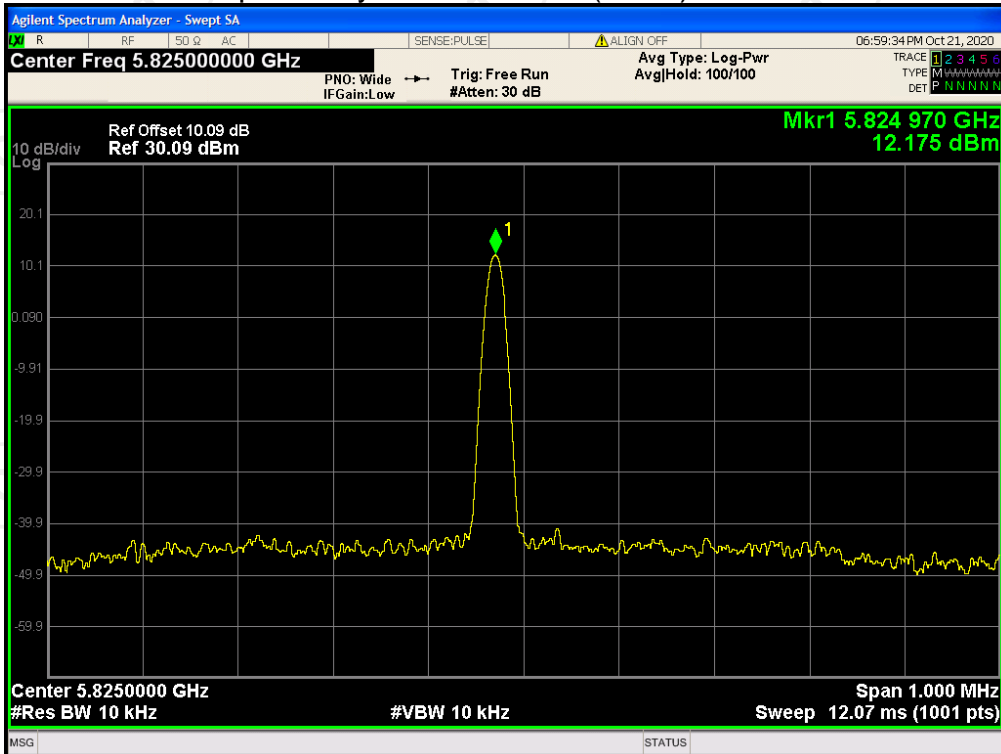
Freq. Stability NVNT 802.11ac80 5775MHz



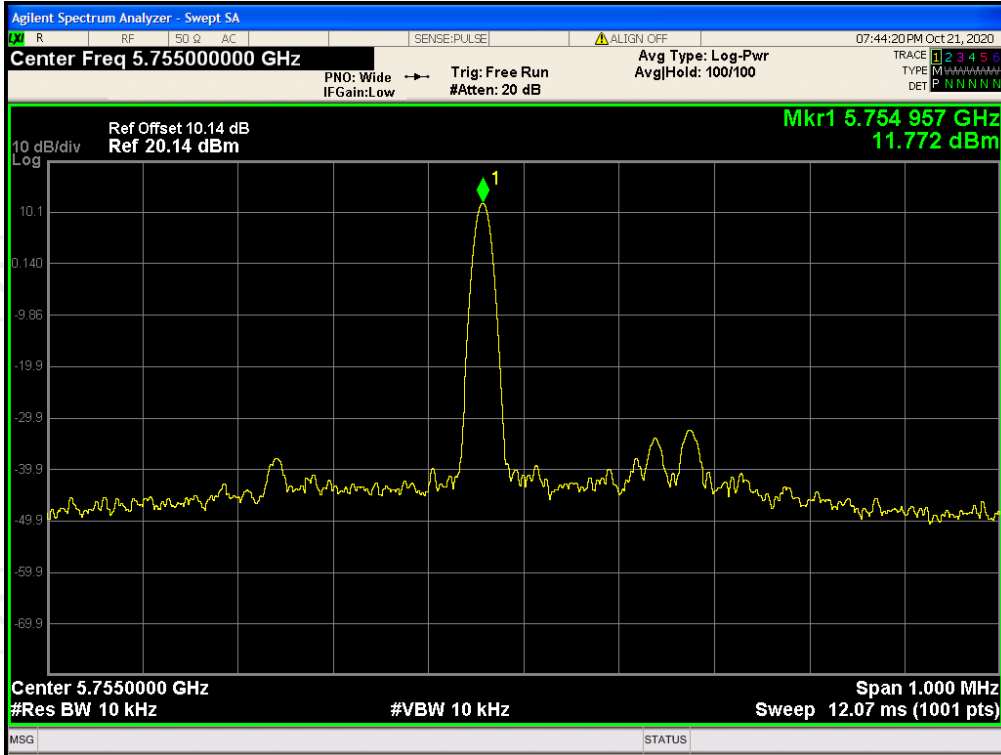
Freq. Stability NVNT 802.11n(HT20) 5745MHz



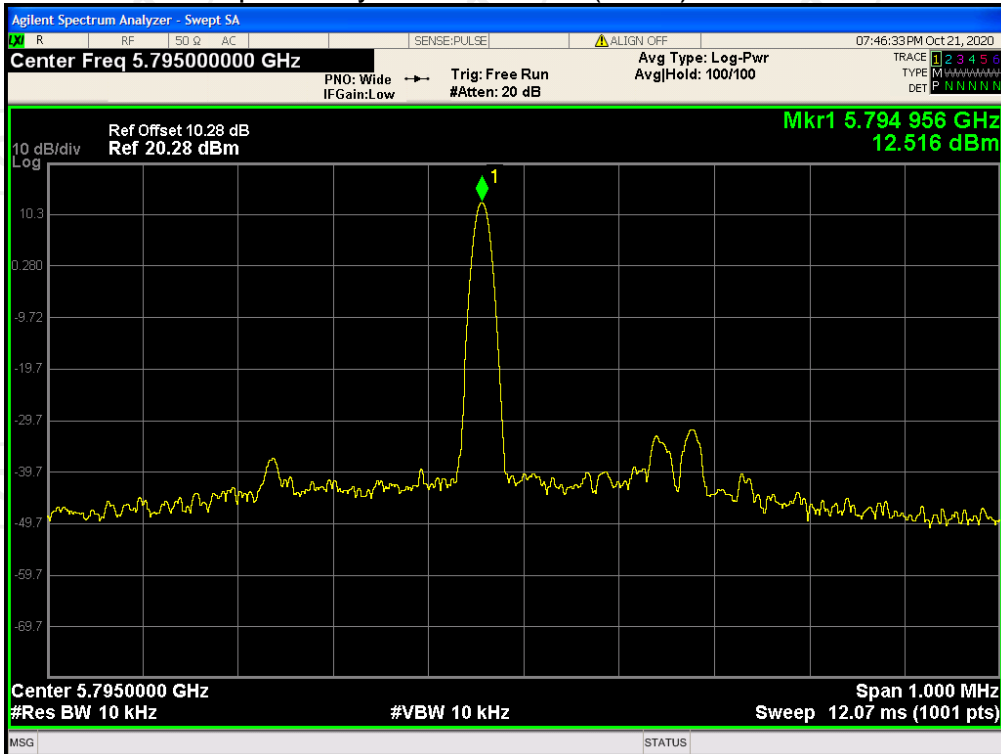
Freq. Stability NVNT 802.11n(HT20) 5825MHz



Freq. Stability NVNT 802.11n(HT40) 5755MHz



Freq. Stability NVNT 802.11n(HT40) 5795MHz



Appendix B: Photographs of Test Setup

Refer to the test report No. TCT200928E013

Appendix C: Photographs of EUT

Refer to the test report No. TCT200928E013

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