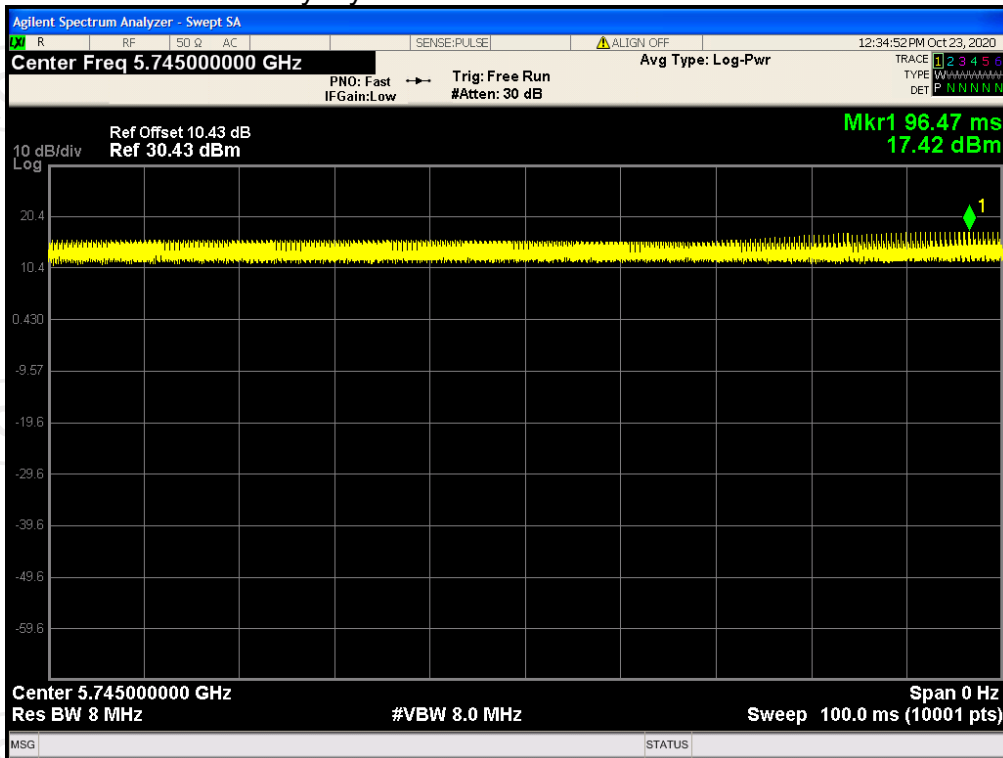


ANT 1

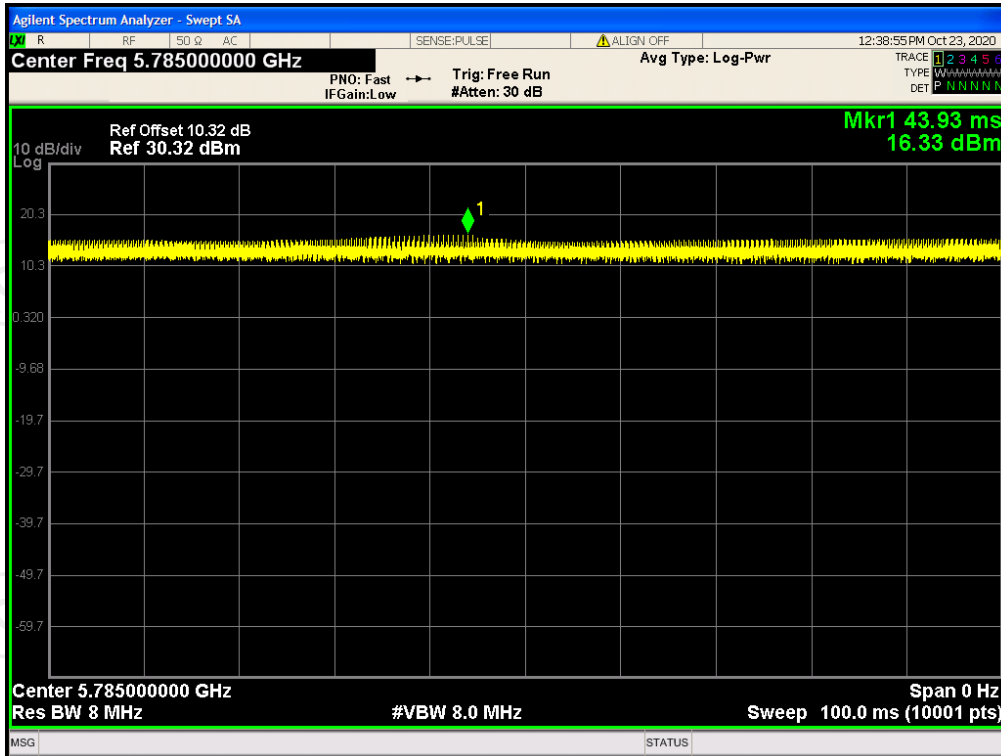
Duty Cycle

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

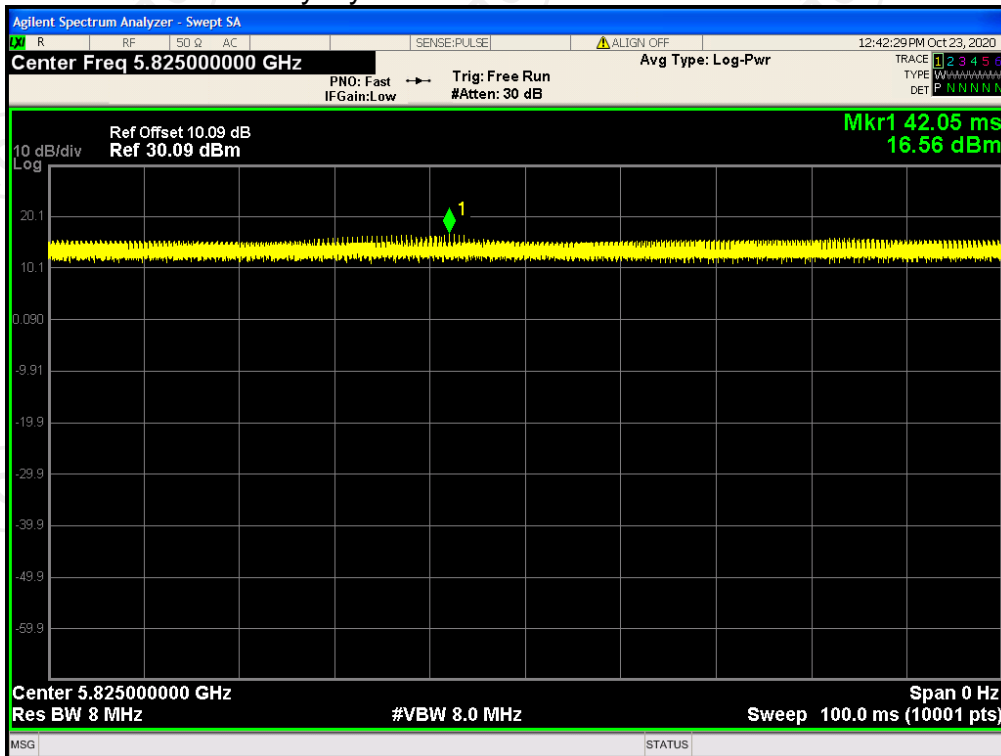
Duty Cycle NVNT 802.11a 5745MHz



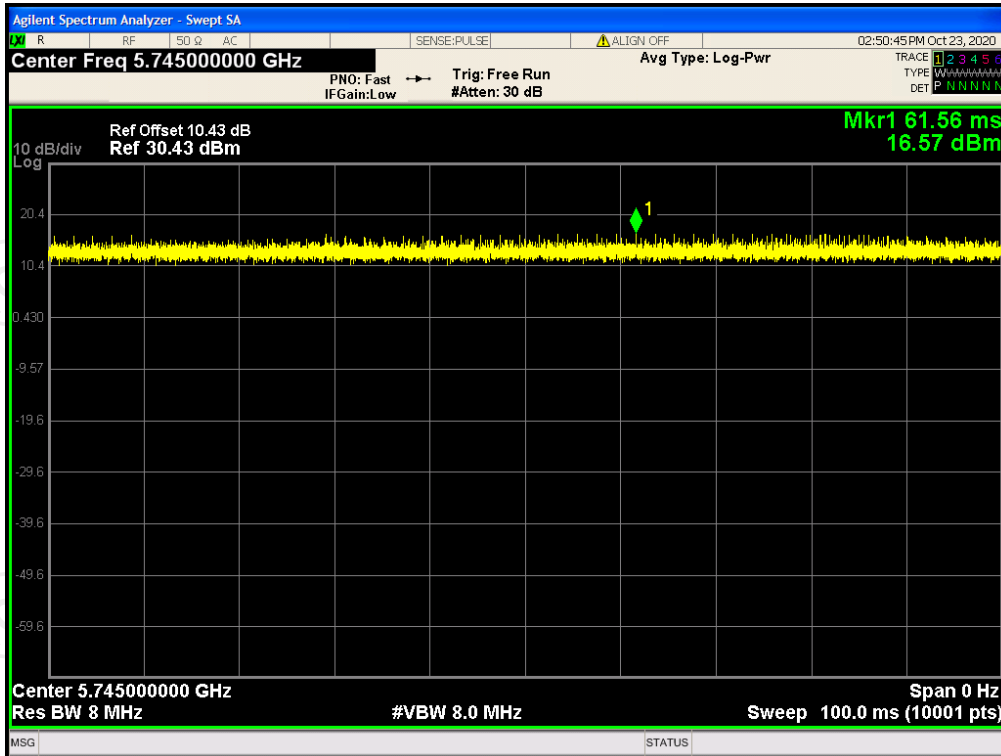
Duty Cycle NVNT 802.11a 5785MHz



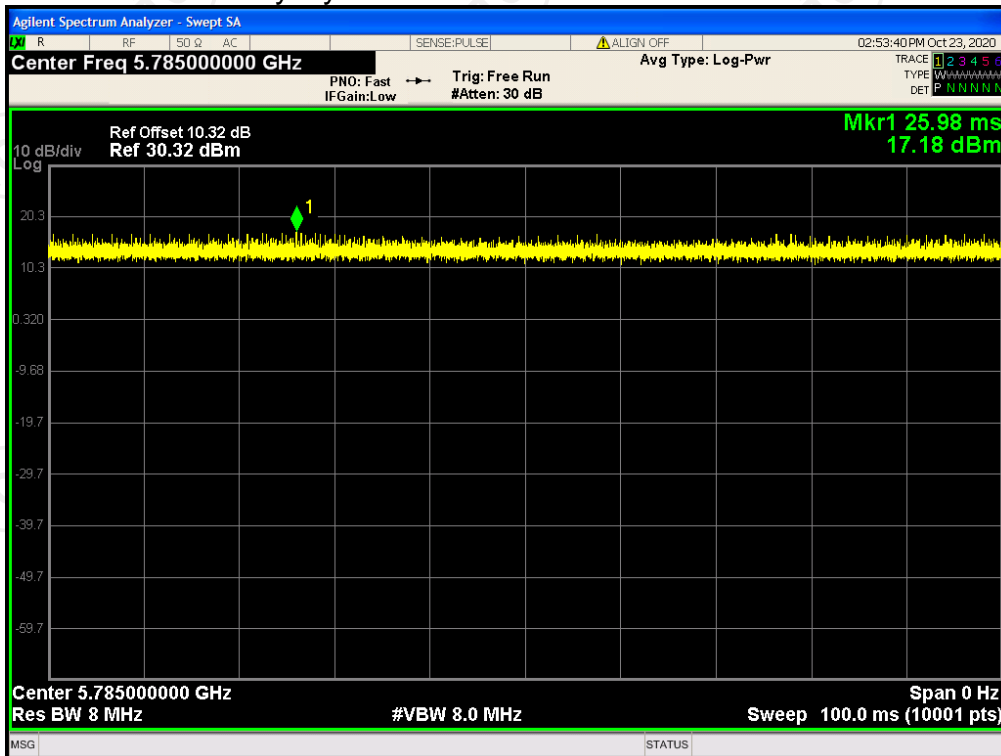
Duty Cycle NVNT 802.11a 5825MHz



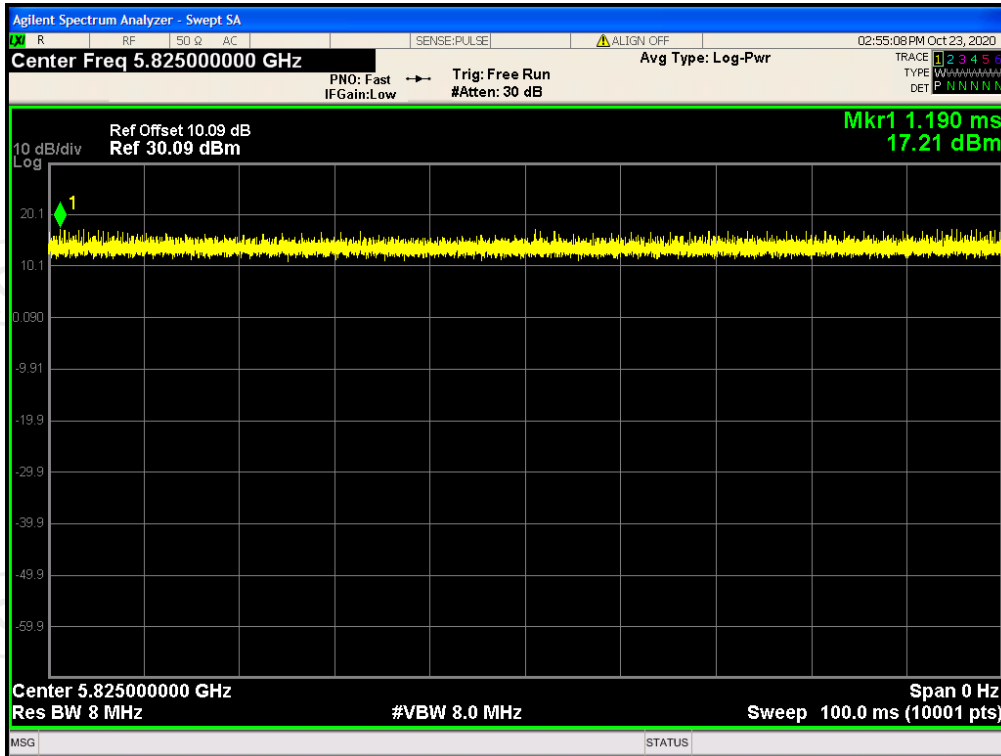
Duty Cycle NVNT 802.11ac20 5745MHz



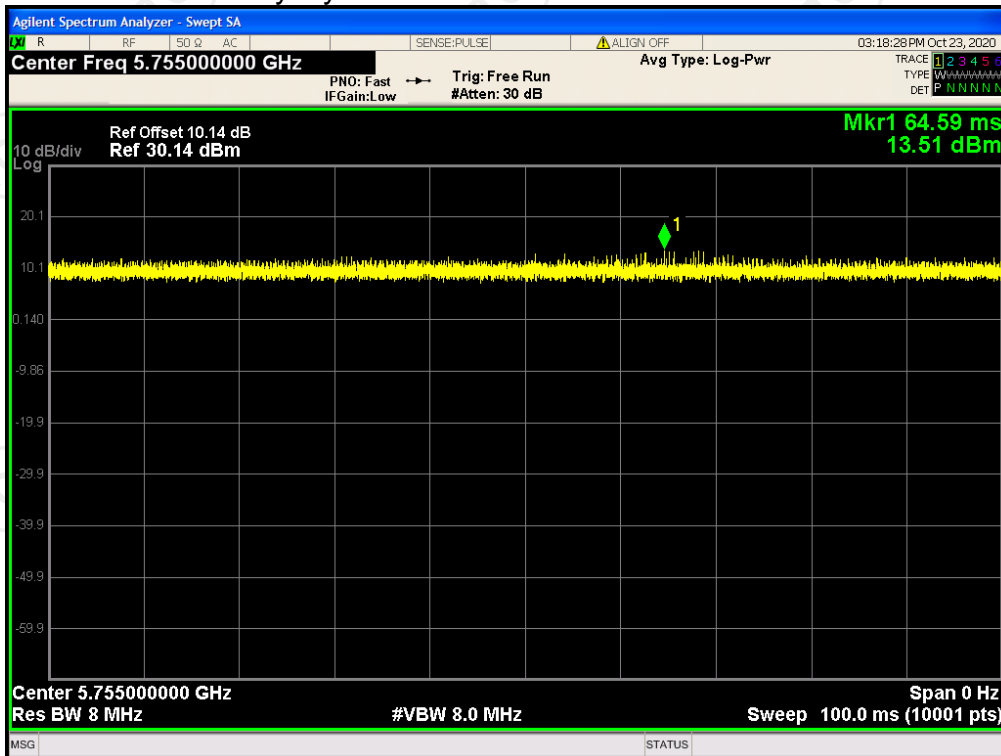
Duty Cycle NVNT 802.11ac20 5785MHz



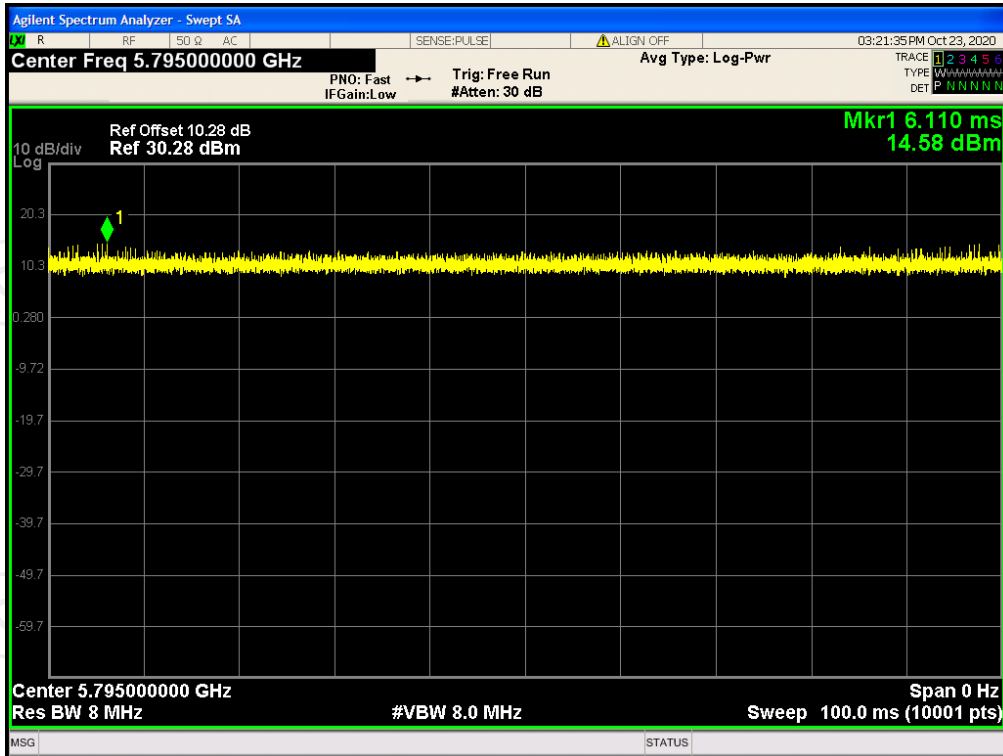
Duty Cycle NVNT 802.11ac20 5825MHz



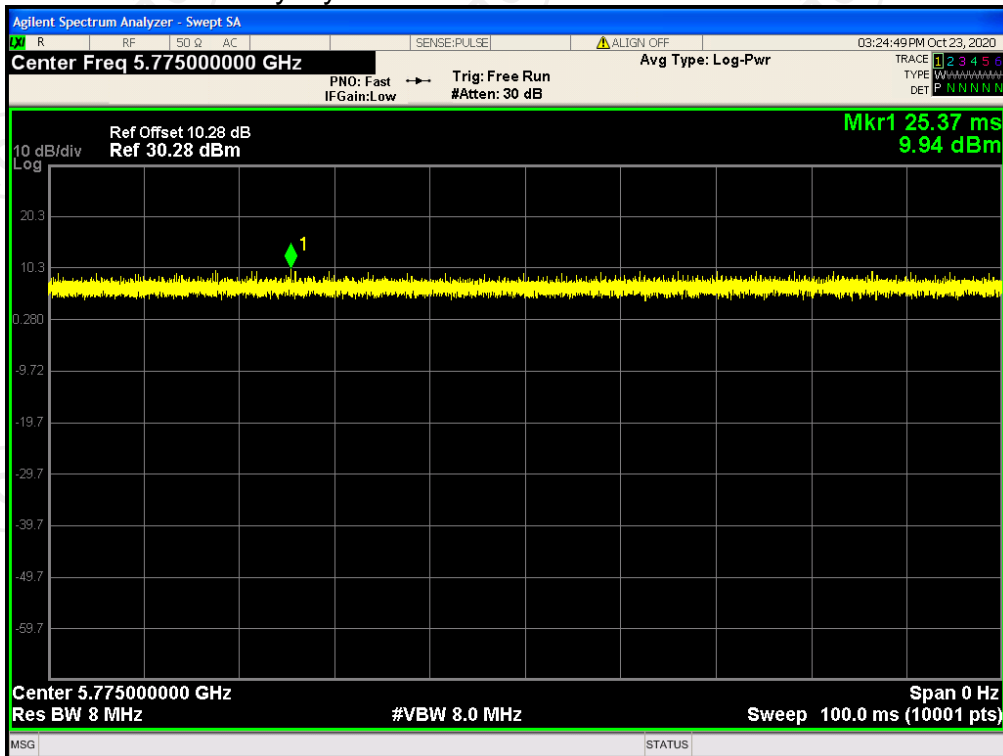
Duty Cycle NVNT 802.11ac40 5755MHz



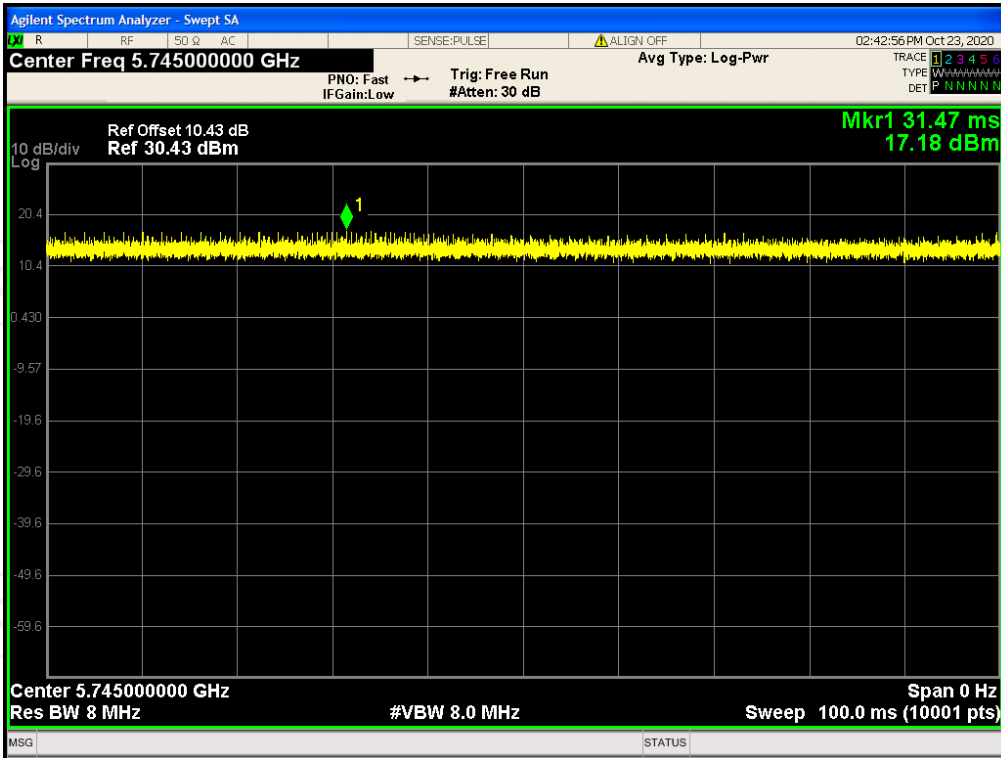
Duty Cycle NVNT 802.11ac40 5795MHz



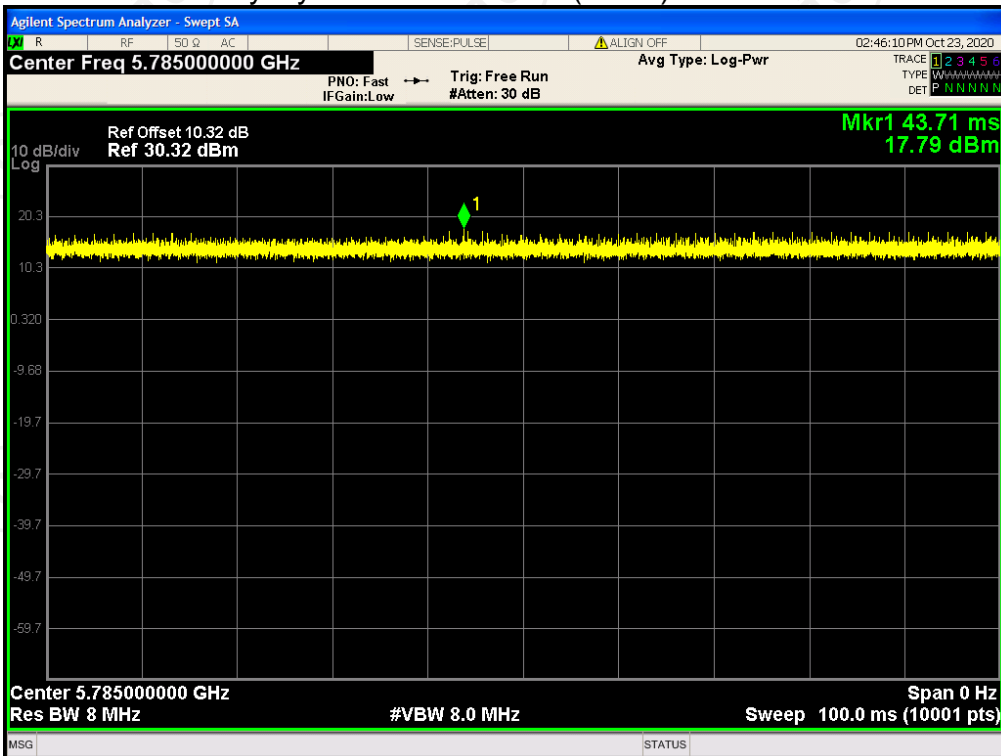
Duty Cycle NVNT 802.11ac80 5775MHz



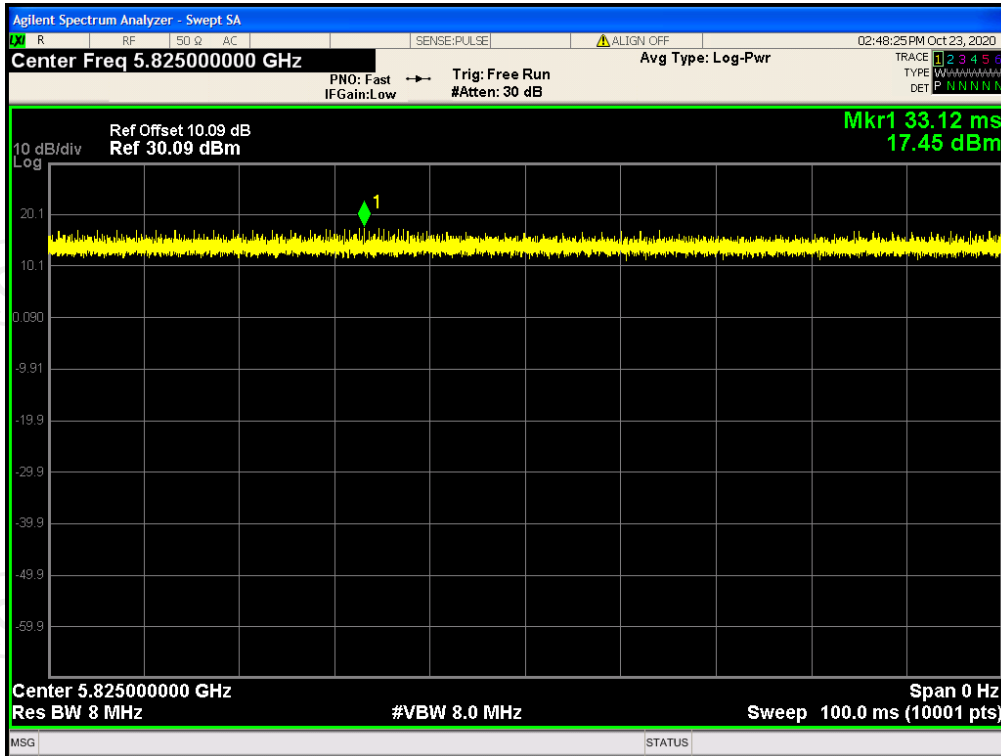
Duty Cycle NVNT 802.11n(HT20) 5745MHz



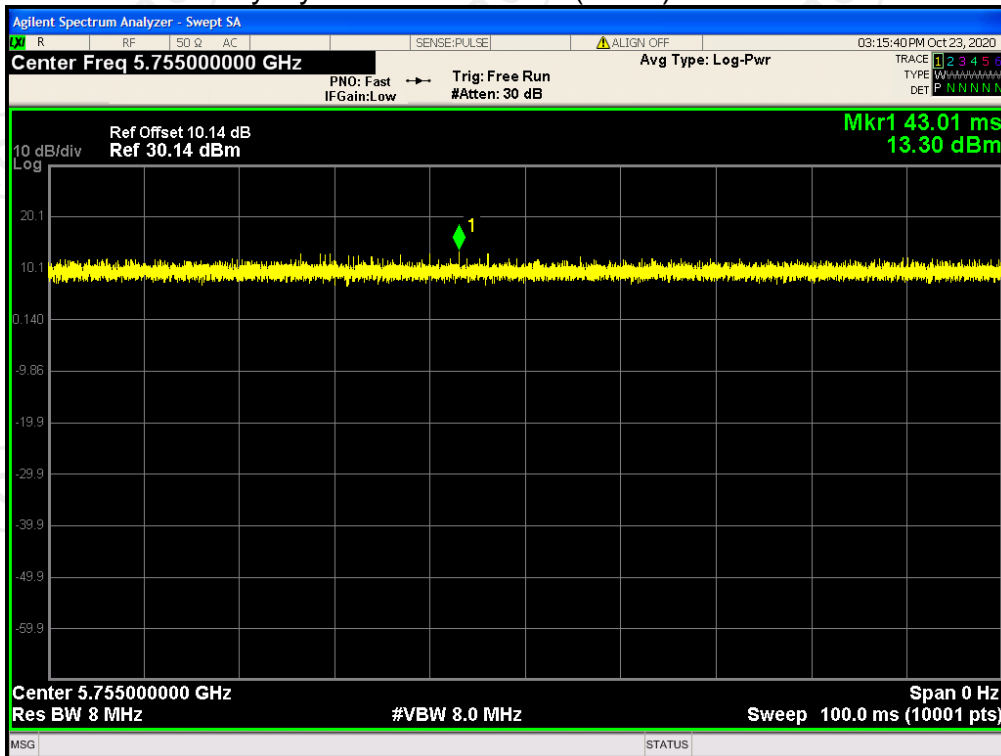
Duty Cycle NVNT 802.11n(HT20) 5785MHz



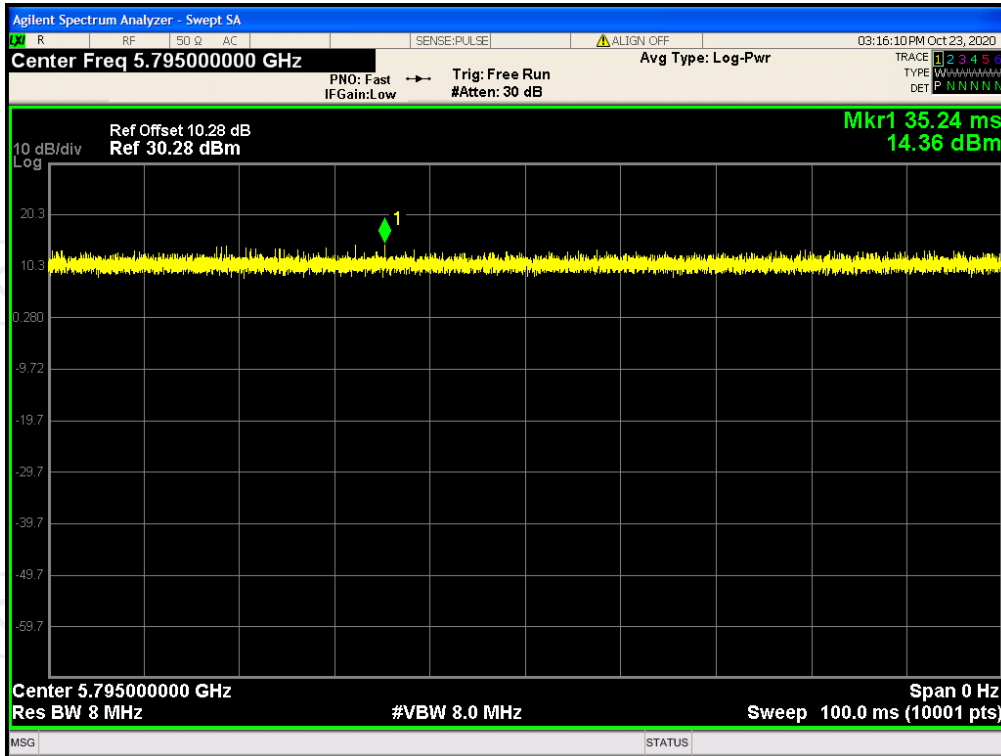
Duty Cycle NVNT 802.11n(HT20) 5825MHz



Duty Cycle NVNT 802.11n(HT40) 5755MHz



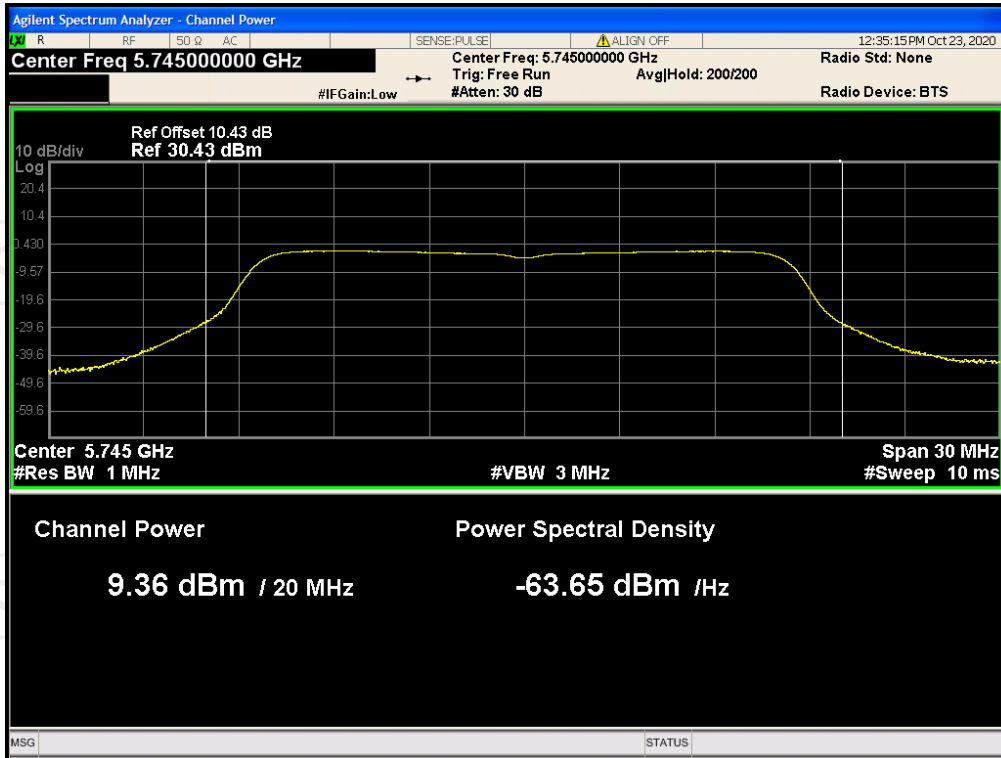
Duty Cycle NVNT 802.11n(HT40) 5795MHz



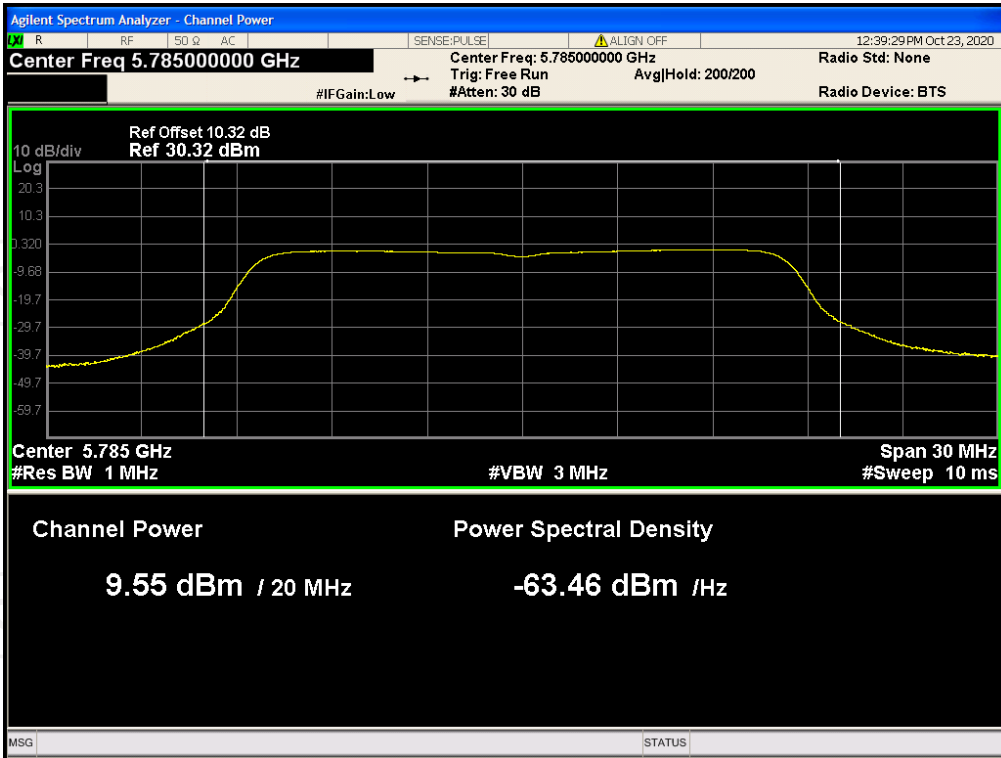
Maximum Conducted Output Power

Condition	Mode	Frequency (MHz)	Antenna	Conducted Power (dBm)	Duty Factor (dB)	Total Power (dBm)	Limit (dBm)	Verdict
NVNT	802.11a	5745	Ant 1	9.357	0	9.357	30	Pass
NVNT	802.11a	5785	Ant 1	9.554	0	9.554	30	Pass
NVNT	802.11a	5825	Ant 1	9.772	0	9.772	30	Pass
NVNT	802.11ac20	5745	Ant 1	9.396	0	9.396	30	Pass
NVNT	802.11ac20	5785	Ant 1	9.861	0	9.861	30	Pass
NVNT	802.11ac20	5825	Ant 1	10.049	0	10.049	30	Pass
NVNT	802.11ac40	5755	Ant 1	9.053	0	9.053	30	Pass
NVNT	802.11ac40	5795	Ant 1	10.000	0	10.000	30	Pass
NVNT	802.11ac80	5775	Ant 1	9.437	0	9.437	30	Pass
NVNT	802.11n(HT20)	5745	Ant 1	9.859	0	9.859	30	Pass
NVNT	802.11n(HT20)	5785	Ant 1	10.048	0	10.048	30	Pass
NVNT	802.11n(HT20)	5825	Ant 1	10.232	0	10.232	30	Pass
NVNT	802.11n(HT40)	5755	Ant 1	9.076	0	9.076	30	Pass
NVNT	802.11n(HT40)	5795	Ant 1	10.053	0	10.053	30	Pass

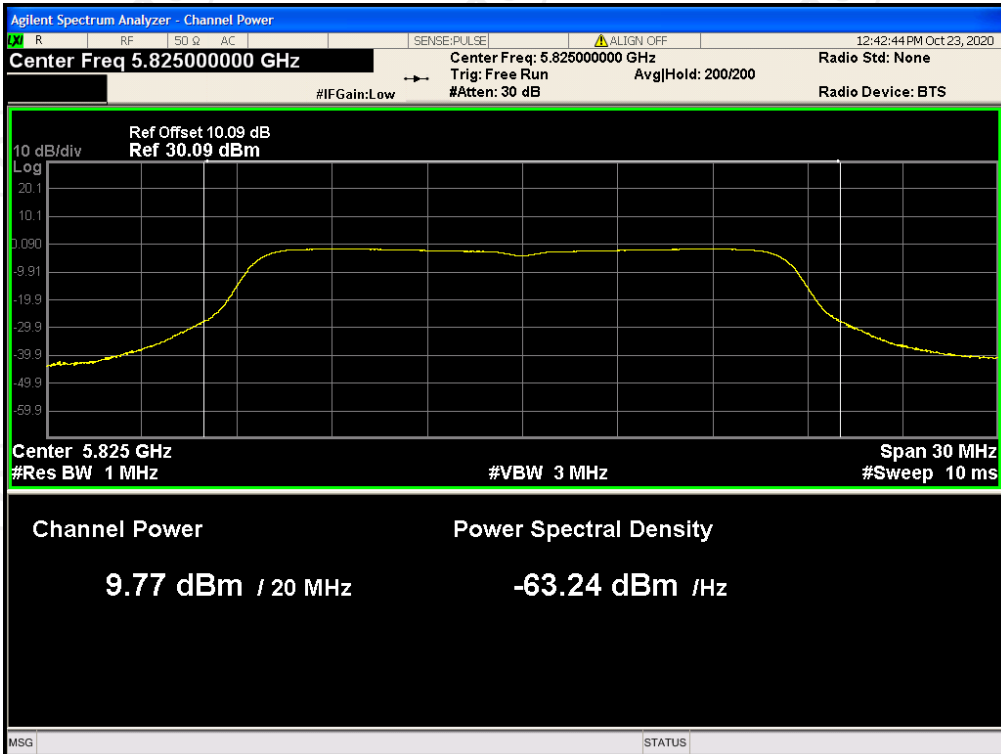
Power NVNT 802.11a 5745MHz Ant1



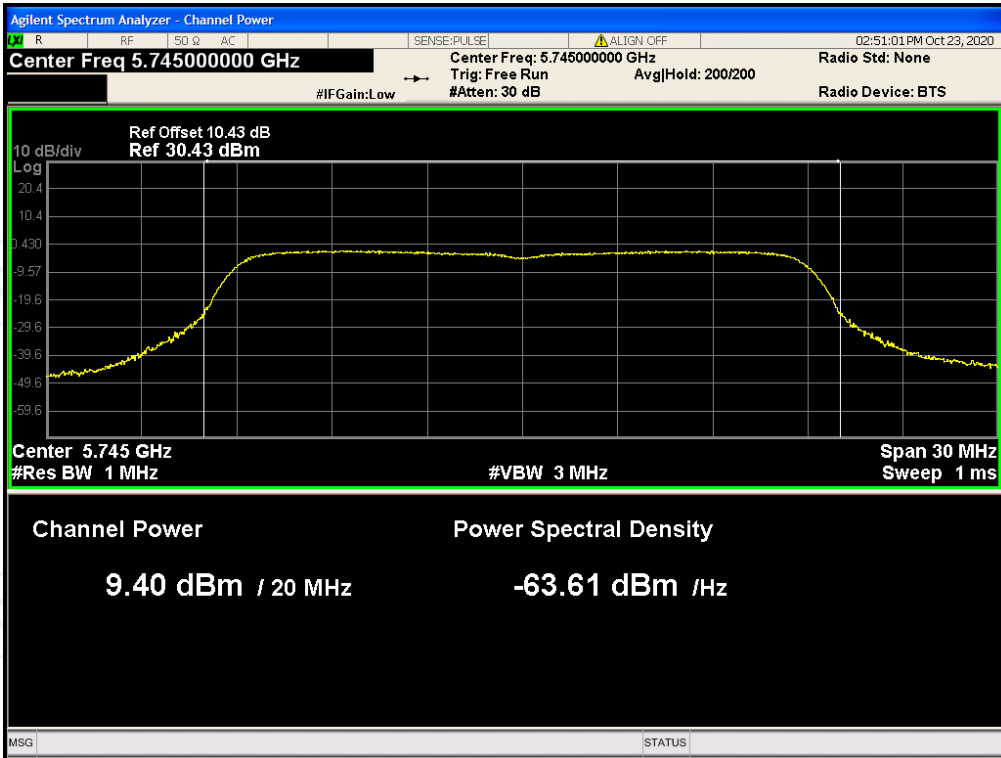
Power NVNT 802.11a 5785MHz Ant1



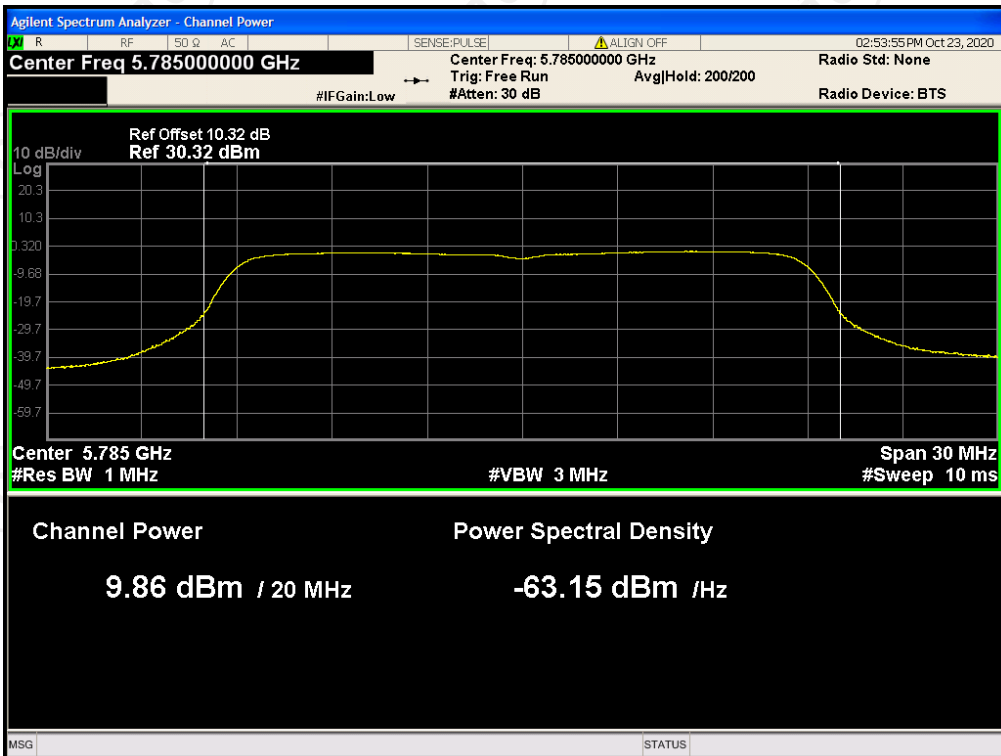
Power NVNT 802.11a 5825MHz Ant1



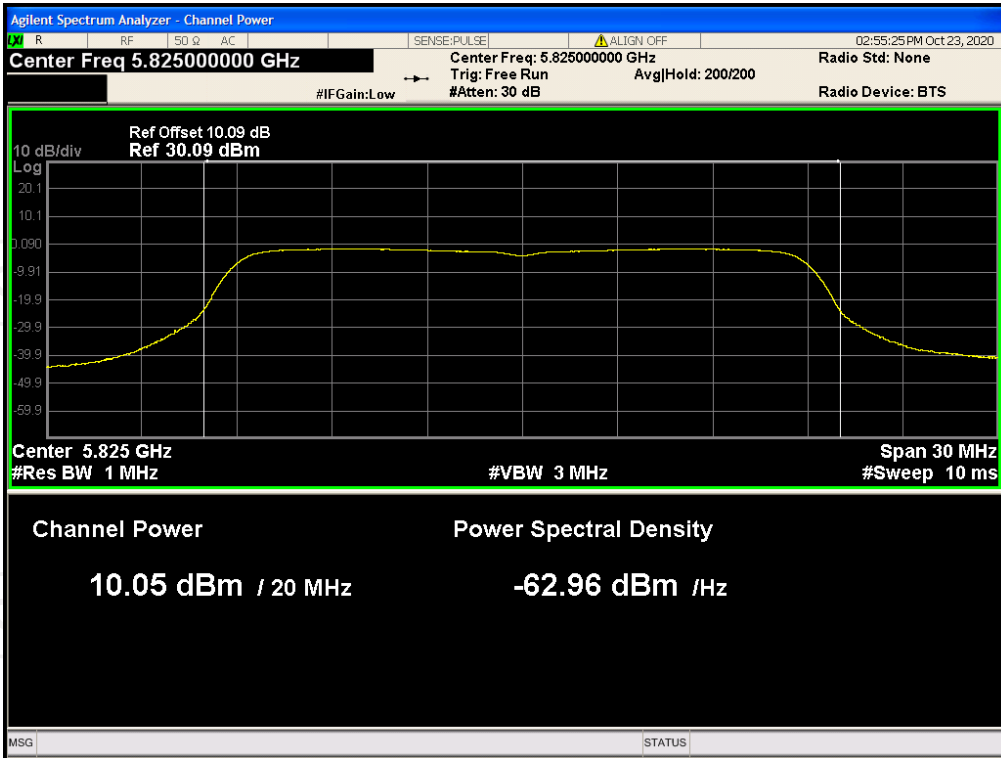
Power NVNT 802.11ac20 5745MHz Ant1



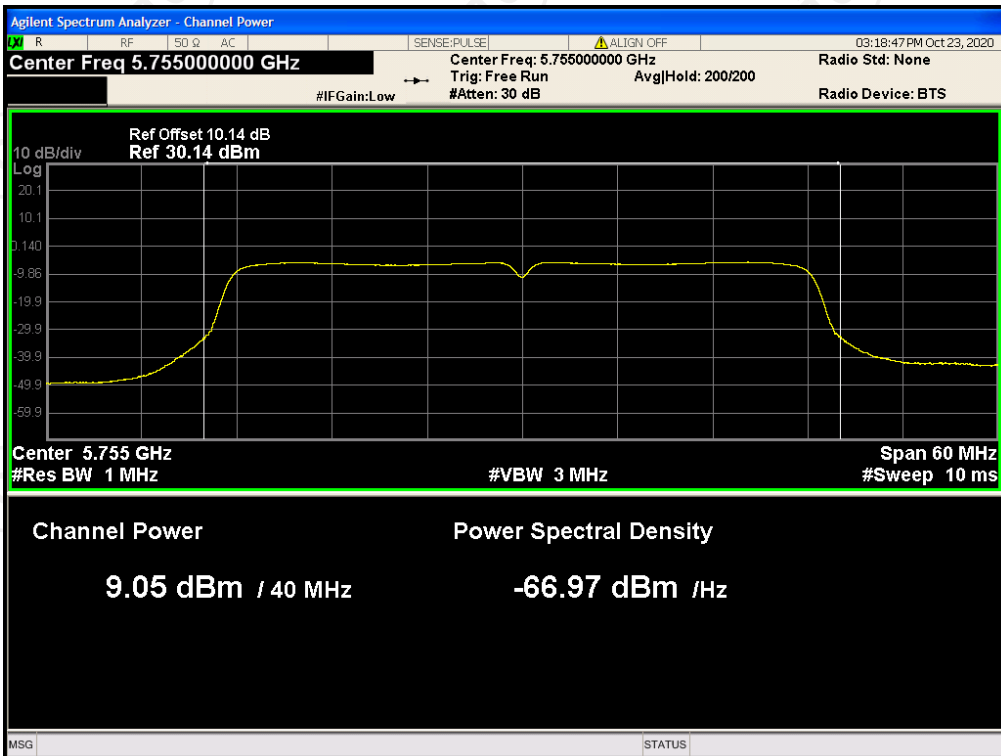
Power NVNT 802.11ac20 5785MHz Ant1



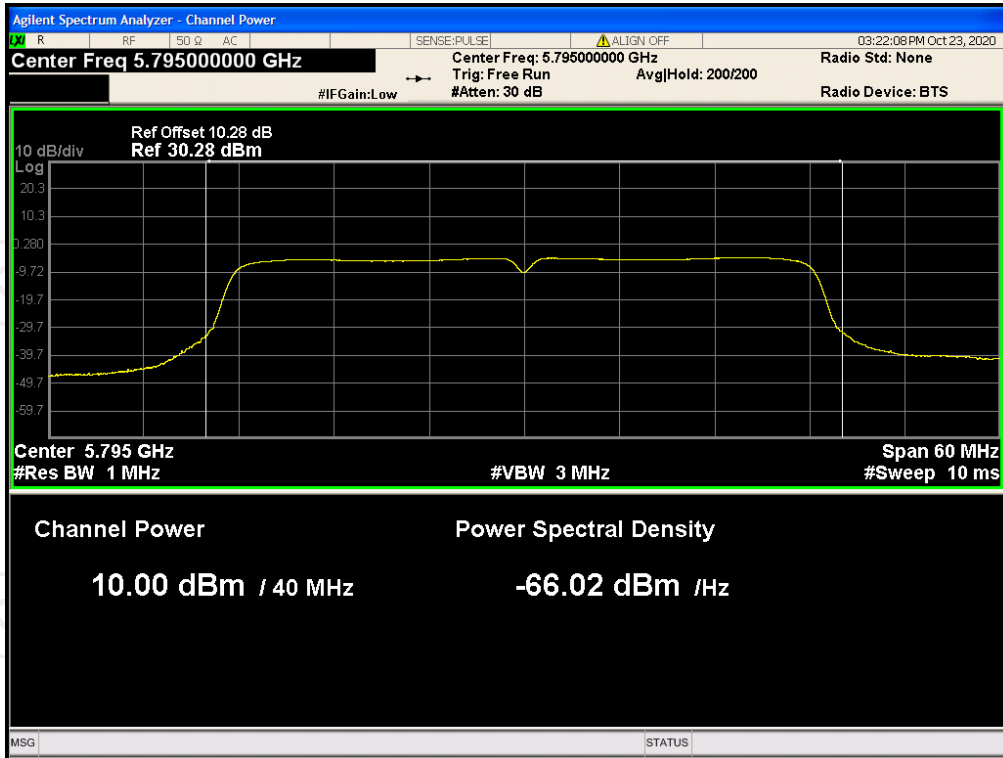
Power NVNT 802.11ac20 5825MHz Ant1



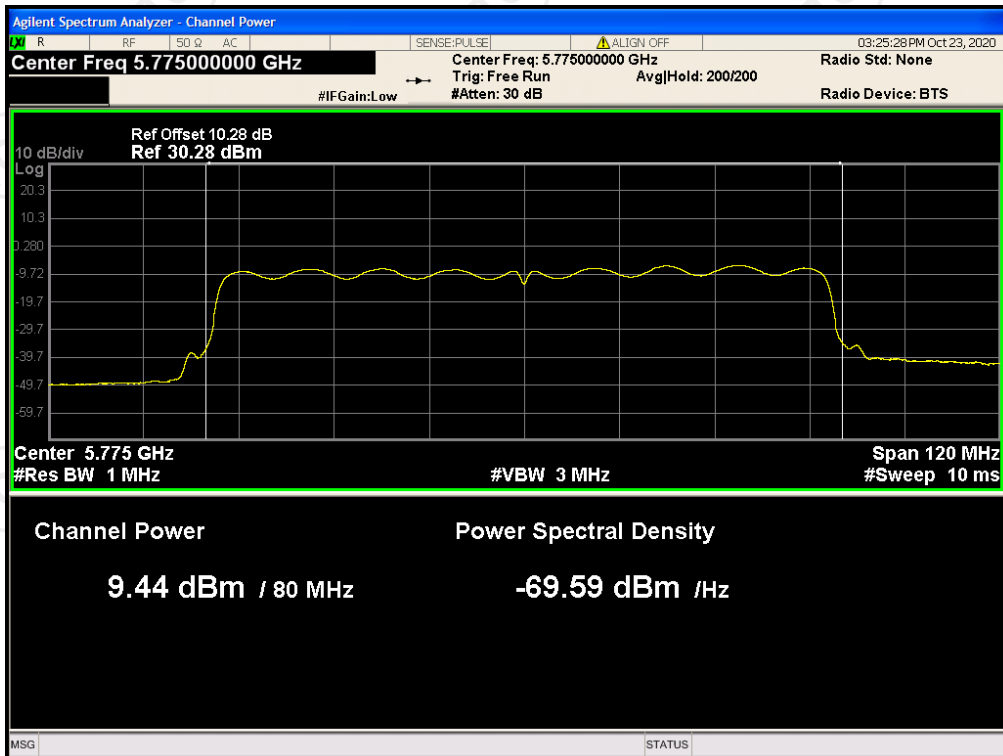
Power NVNT 802.11ac40 5755MHz Ant1



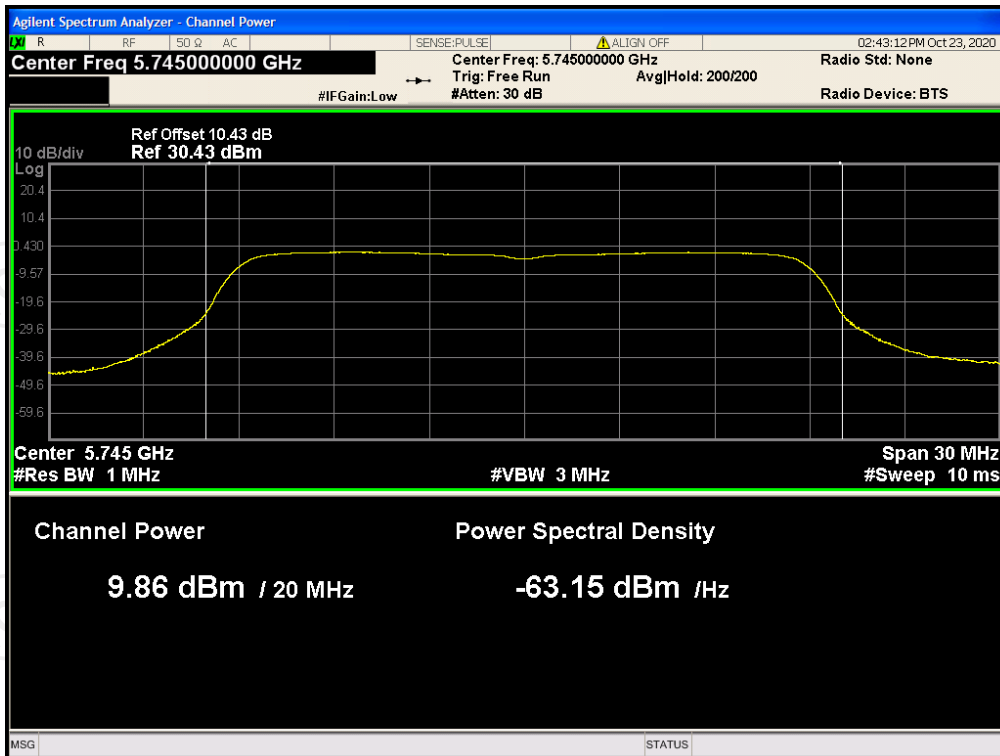
Power NVNT 802.11ac40 5795MHz Ant1



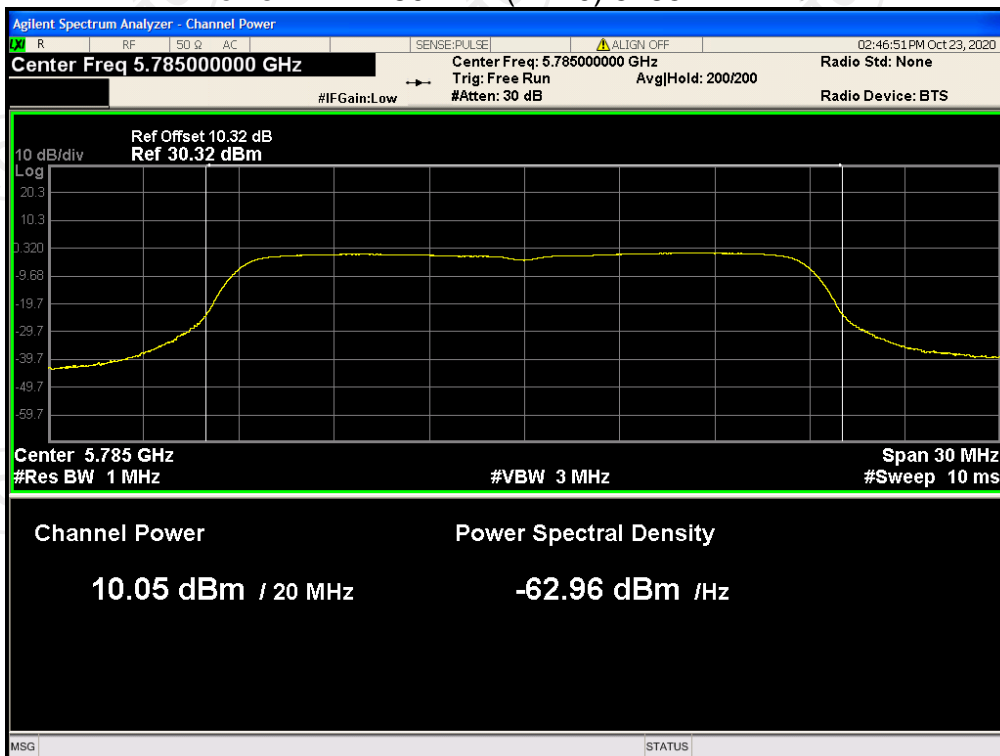
Power NVNT 802.11ac80 5775MHz Ant1



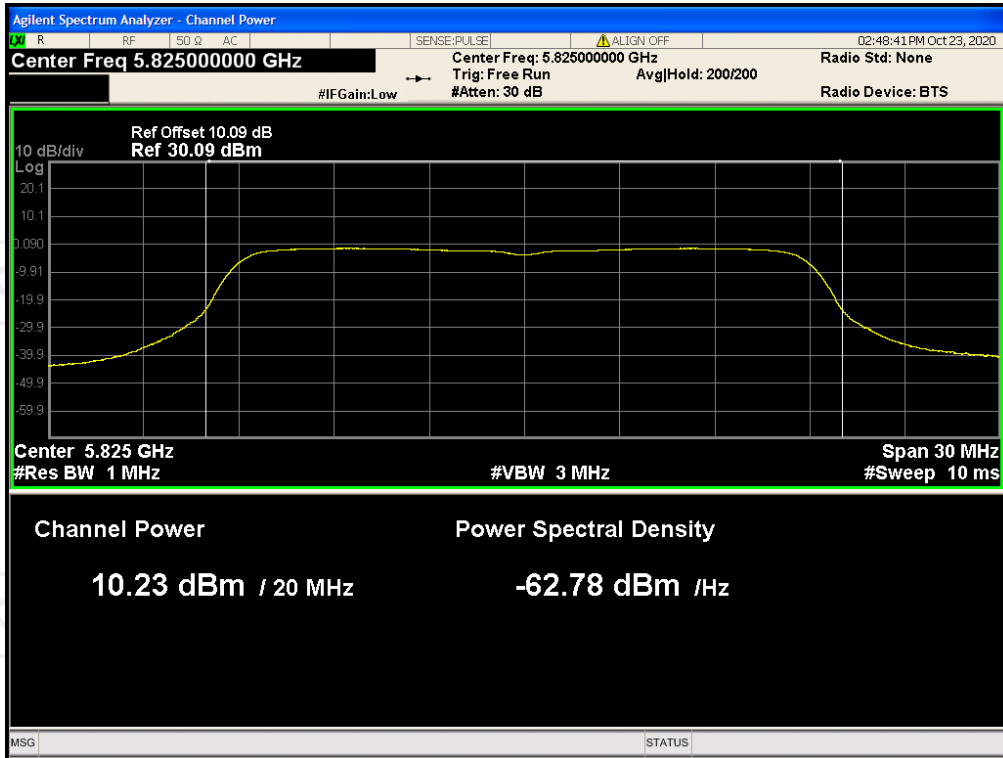
Power NVNT 802.11n(HT20) 5745MHz Ant1



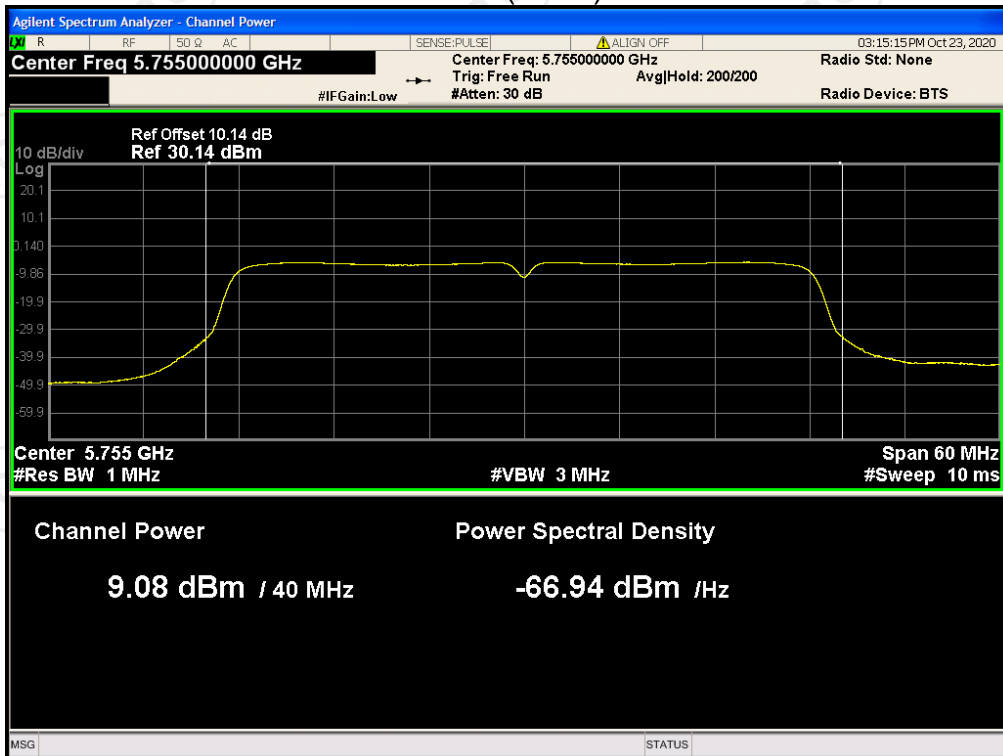
Power NVNT 802.11n(HT20) 5785MHz Ant1



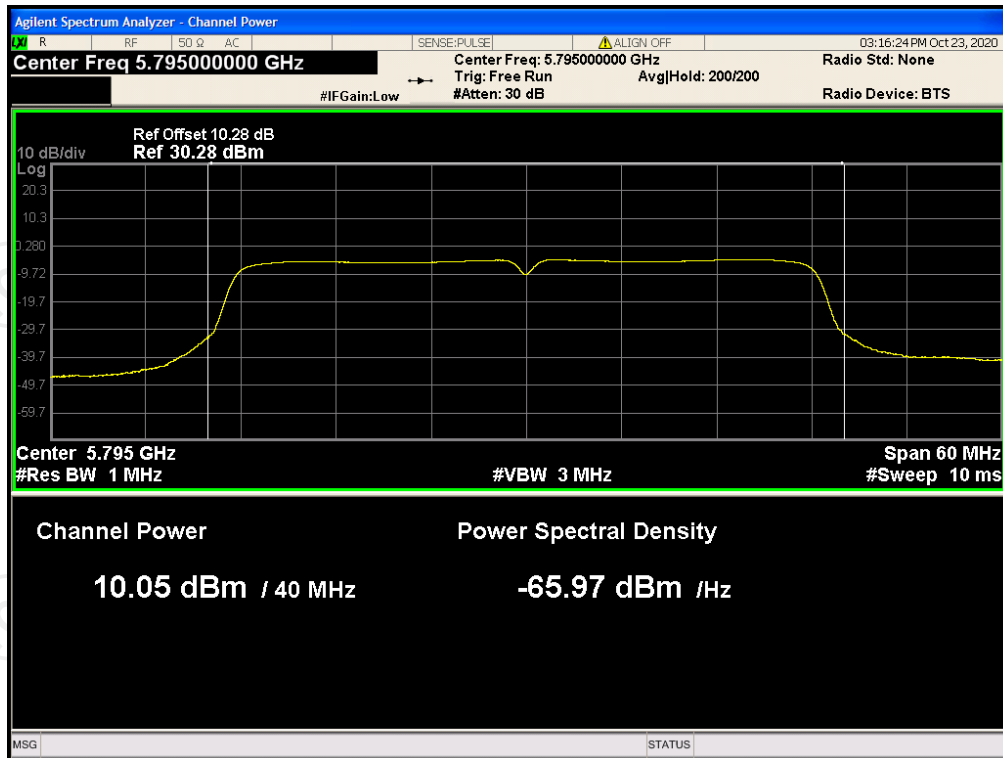
Power NVNT 802.11n(HT20) 5825MHz Ant1



Power NVNT 802.11n(HT40) 5755MHz Ant1



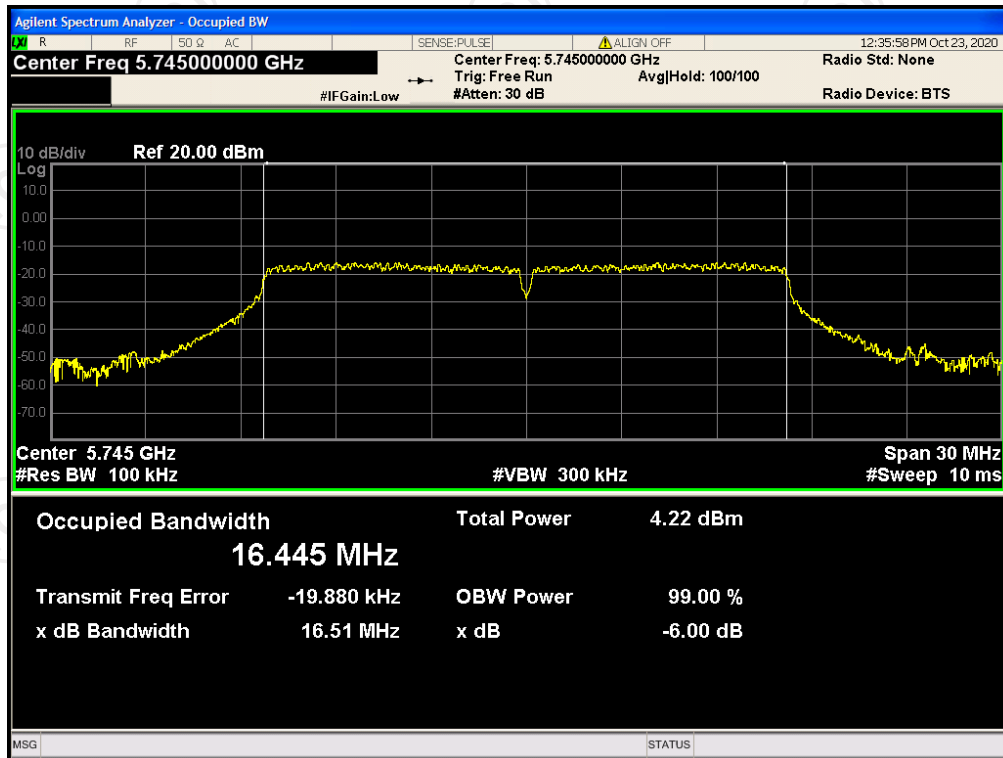
Power NVNT 802.11n(HT40) 5795MHz Ant1



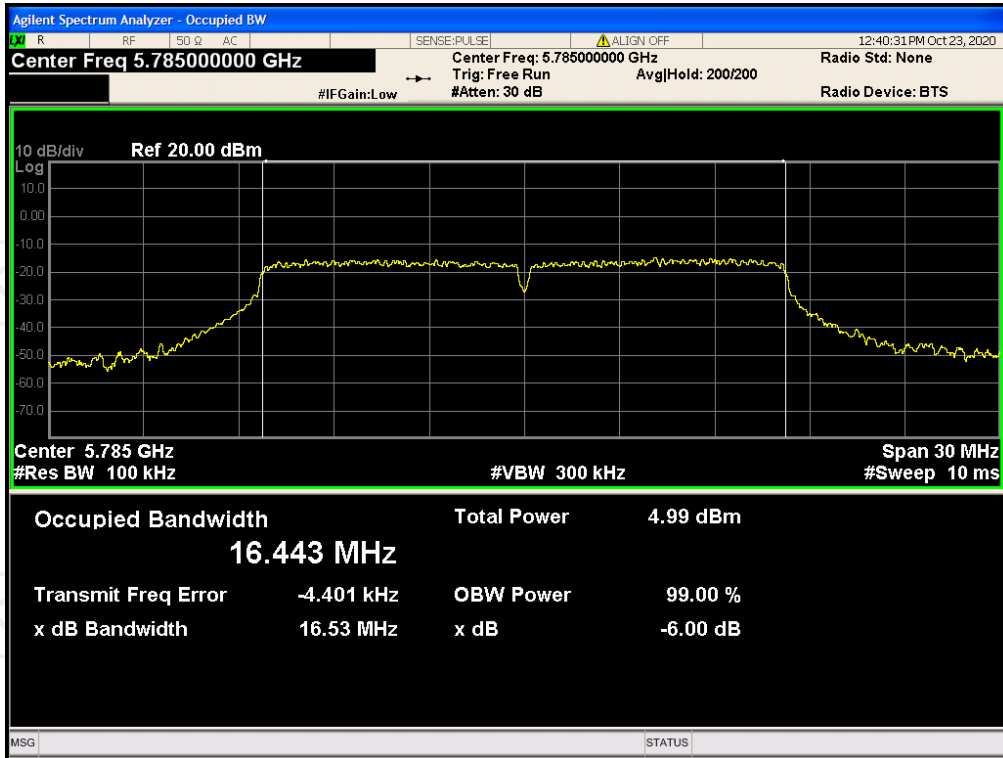
-6dB Bandwidth

Condition	Mode	Frequency (MHz)	Antenna	-6 dB Bandwidth (MHz)	Limit -6 dB Bandwidth (MHz)	Verdict
NVNT	802.11a	5745	Ant 1	16.5136	0.5	Pass
NVNT	802.11a	5785	Ant 1	16.5293	0.5	Pass
NVNT	802.11a	5825	Ant 1	16.4796	0.5	Pass
NVNT	802.11ac20	5745	Ant 1	17.6284	0.5	Pass
NVNT	802.11ac20	5785	Ant 1	17.6308	0.5	Pass
NVNT	802.11ac20	5825	Ant 1	17.6193	0.5	Pass
NVNT	802.11ac40	5755	Ant 1	36.3851	0.5	Pass
NVNT	802.11ac40	5795	Ant 1	36.3768	0.5	Pass
NVNT	802.11ac80	5775	Ant 1	76.3519	0.5	Pass
NVNT	802.11n(HT20)	5745	Ant 1	17.6300	0.5	Pass
NVNT	802.11n(HT20)	5785	Ant 1	17.6379	0.5	Pass
NVNT	802.11n(HT20)	5825	Ant 1	17.6274	0.5	Pass
NVNT	802.11n(HT40)	5755	Ant 1	36.4585	0.5	Pass
NVNT	802.11n(HT40)	5795	Ant 1	36.4375	0.5	Pass

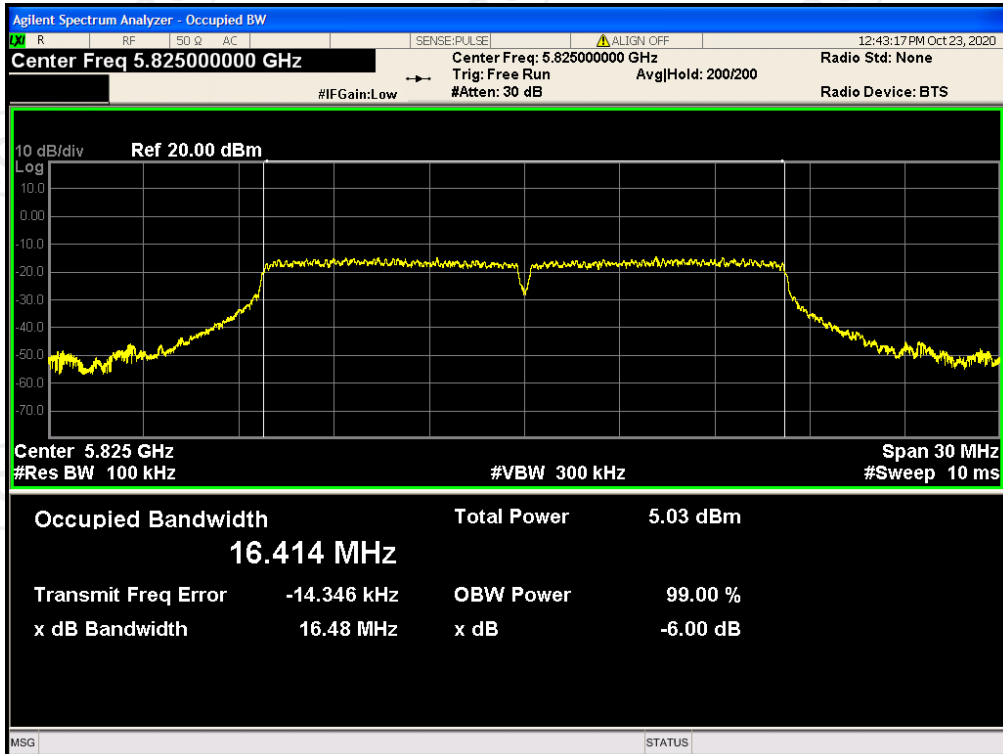
-6dB Bandwidth NVNT 802.11a 5745MHz Ant1



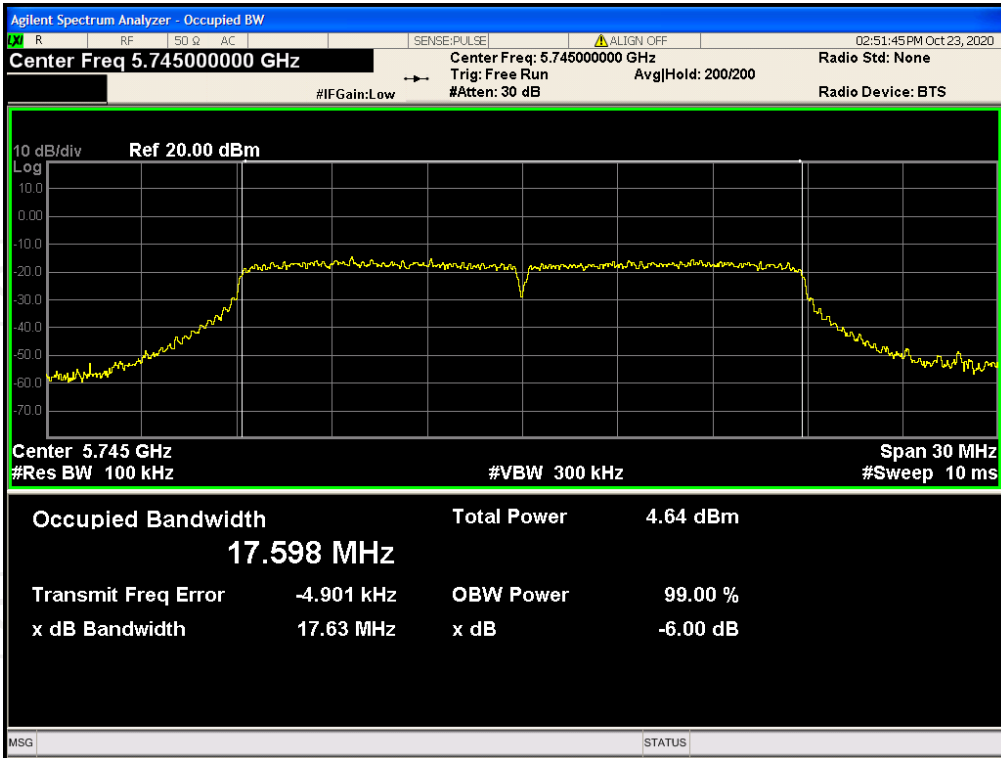
-6dB Bandwidth NVNT 802.11a 5785MHz Ant1



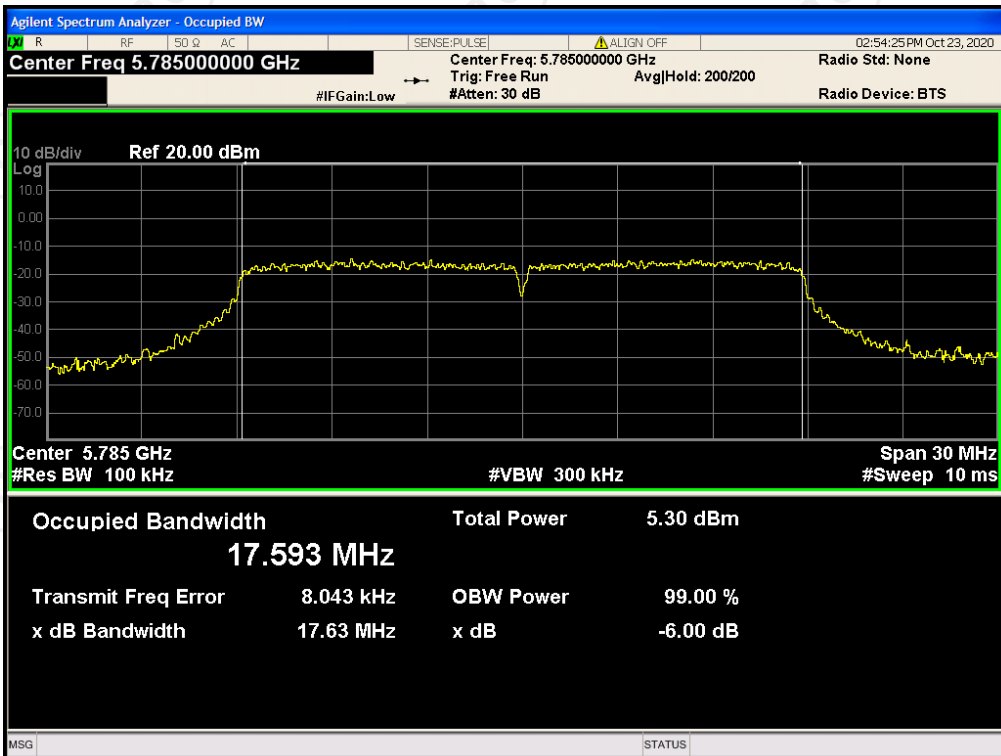
-6dB Bandwidth NVNT 802.11a 5825MHz Ant1



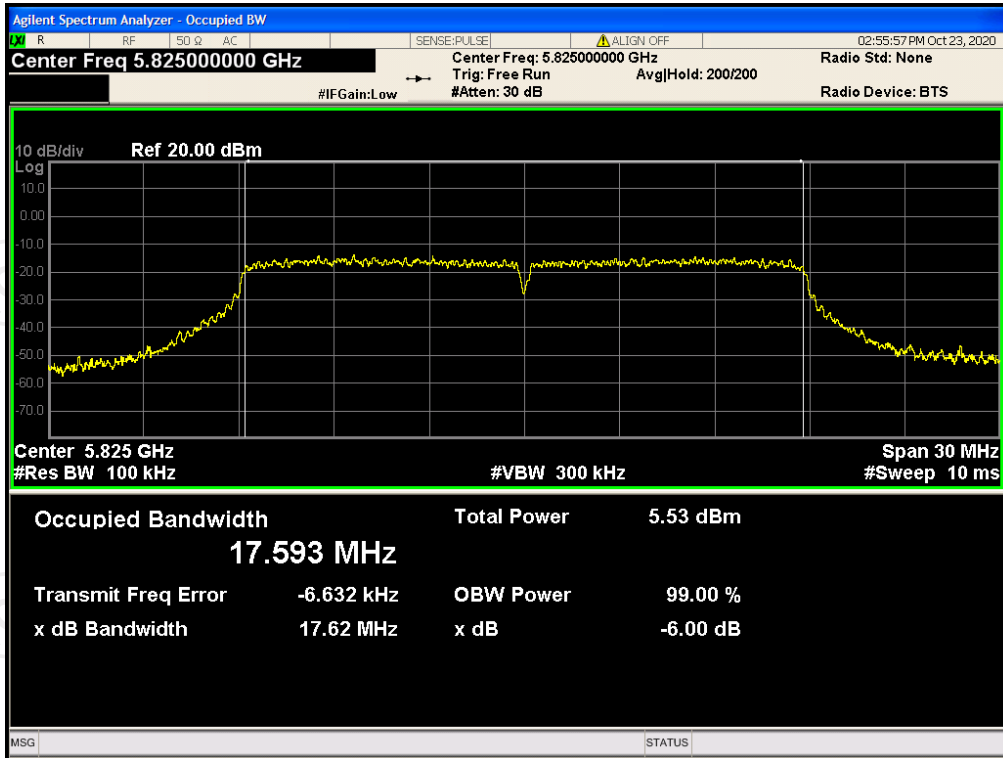
-6dB Bandwidth NVNT 802.11ac20 5745MHz Ant1



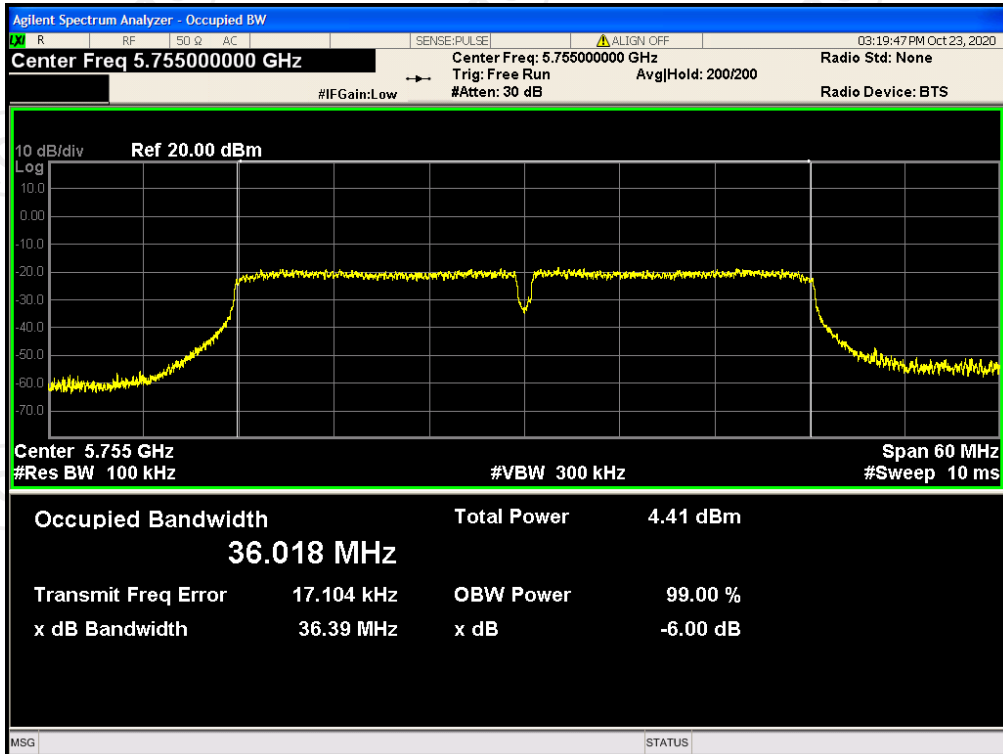
-6dB Bandwidth NVNT 802.11ac20 5785MHz Ant1



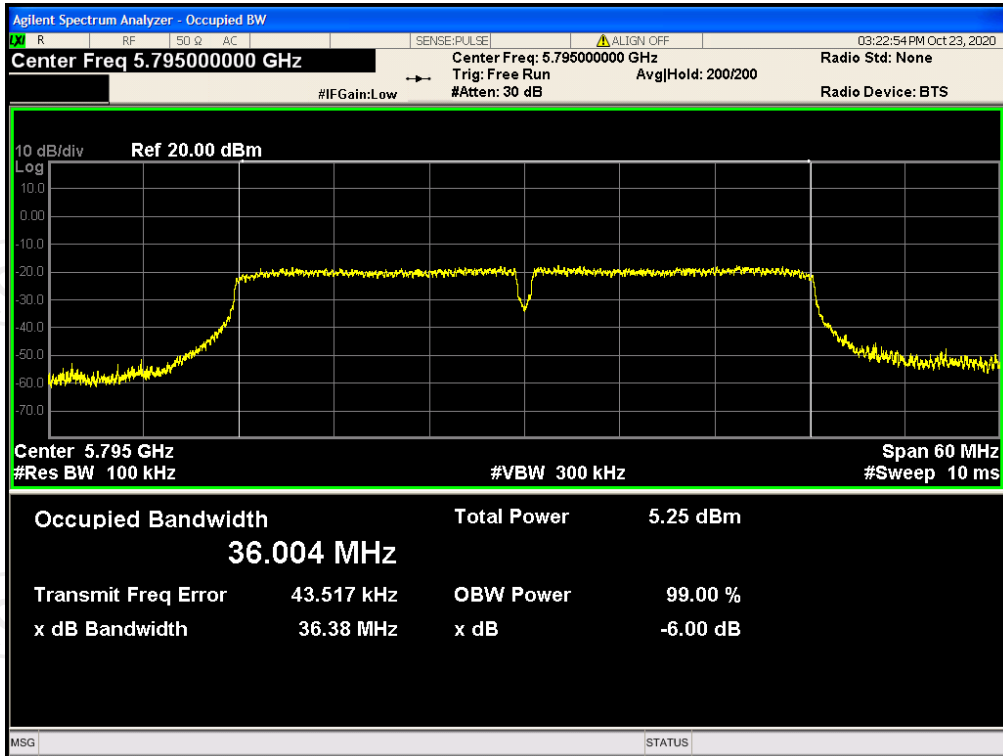
-6dB Bandwidth NVNT 802.11ac20 5825MHz Ant1



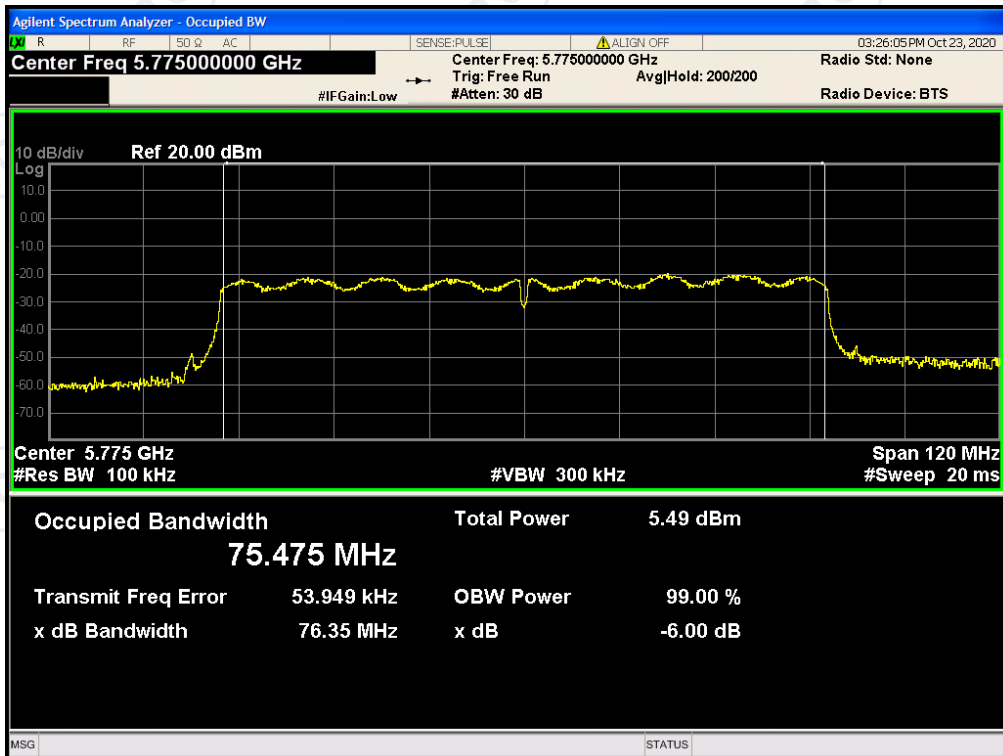
-6dB Bandwidth NVNT 802.11ac40 5755MHz Ant1



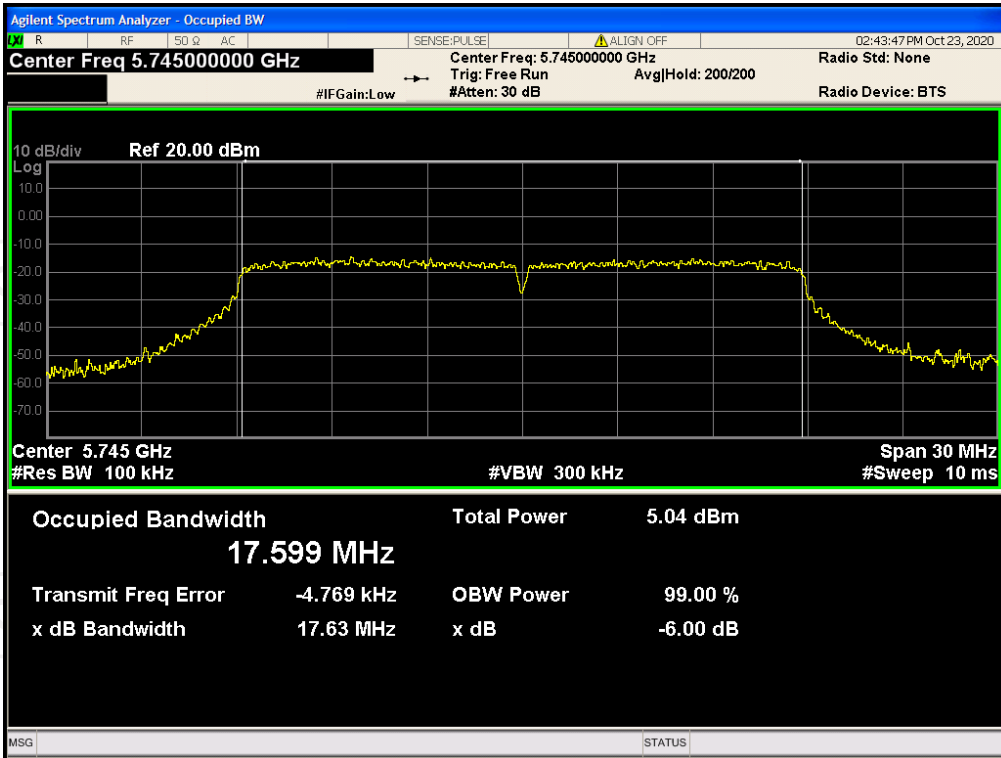
-6dB Bandwidth NVNT 802.11ac40 5795MHz Ant1



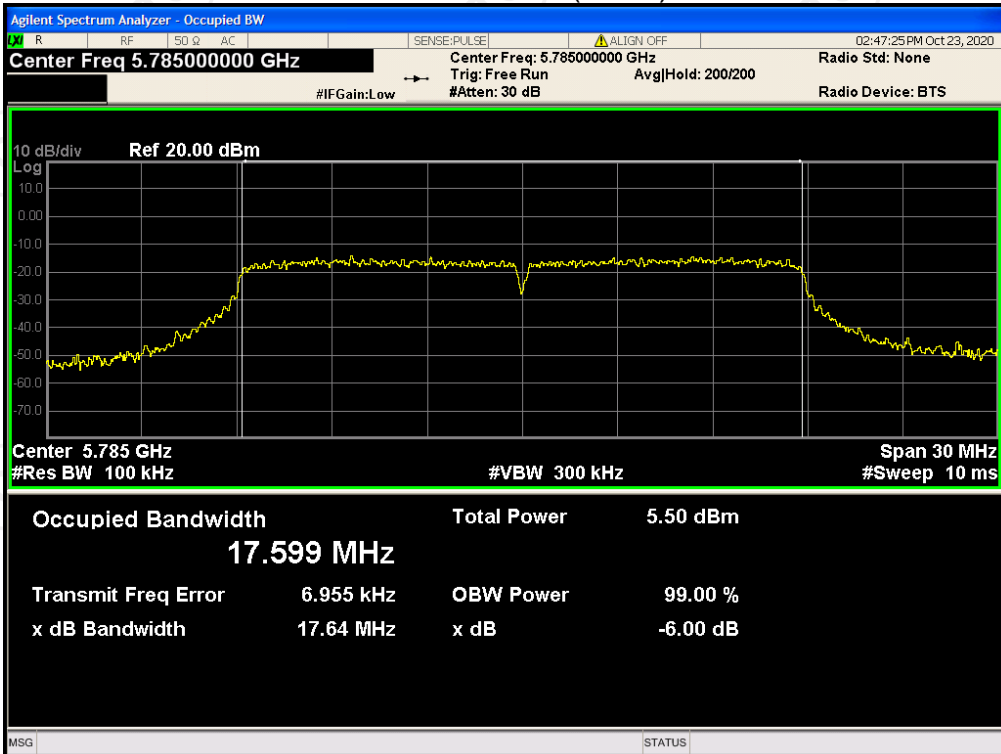
-6dB Bandwidth NVNT 802.11ac80 5775MHz Ant1



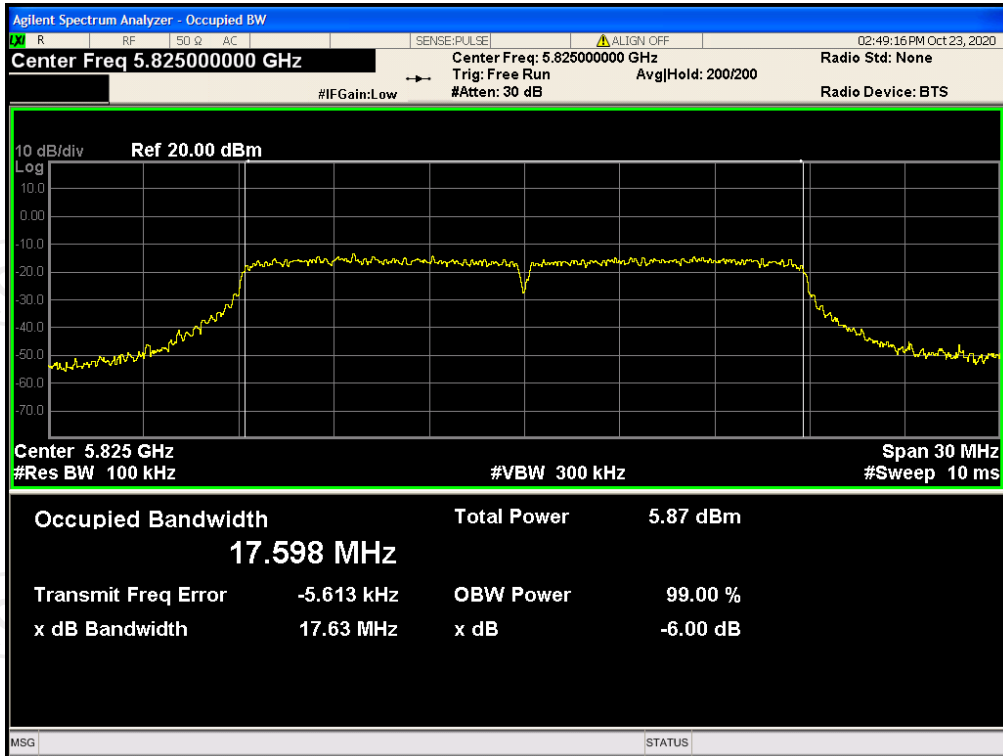
-6dB Bandwidth NVNT 802.11n(HT20) 5745MHz Ant1



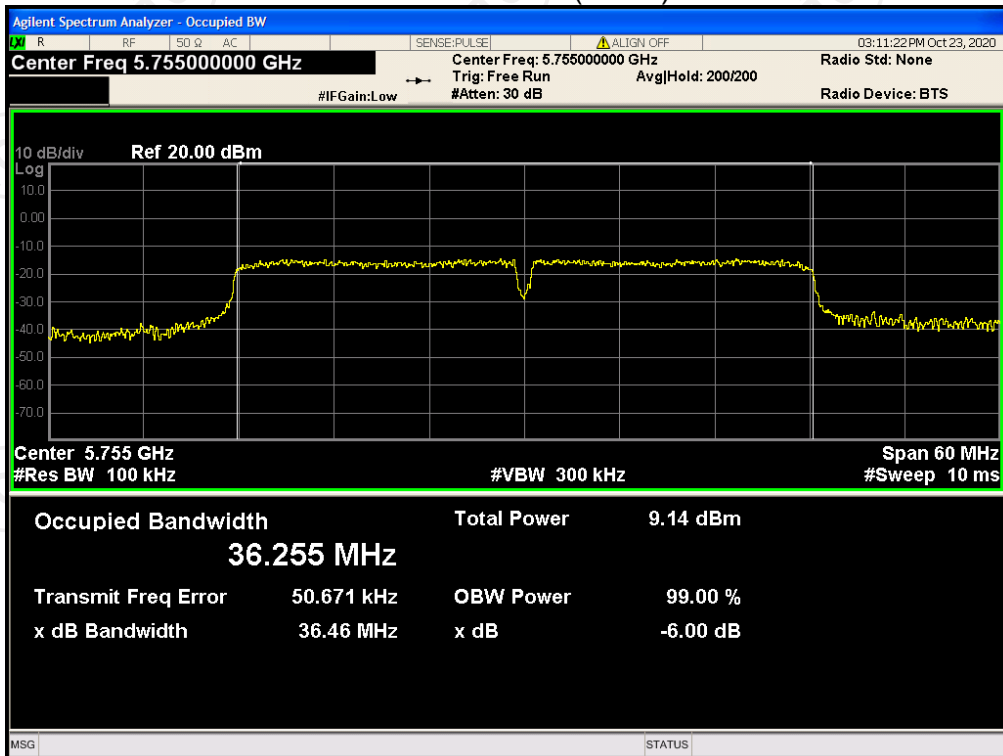
-6dB Bandwidth NVNT 802.11n(HT20) 5785MHz Ant1



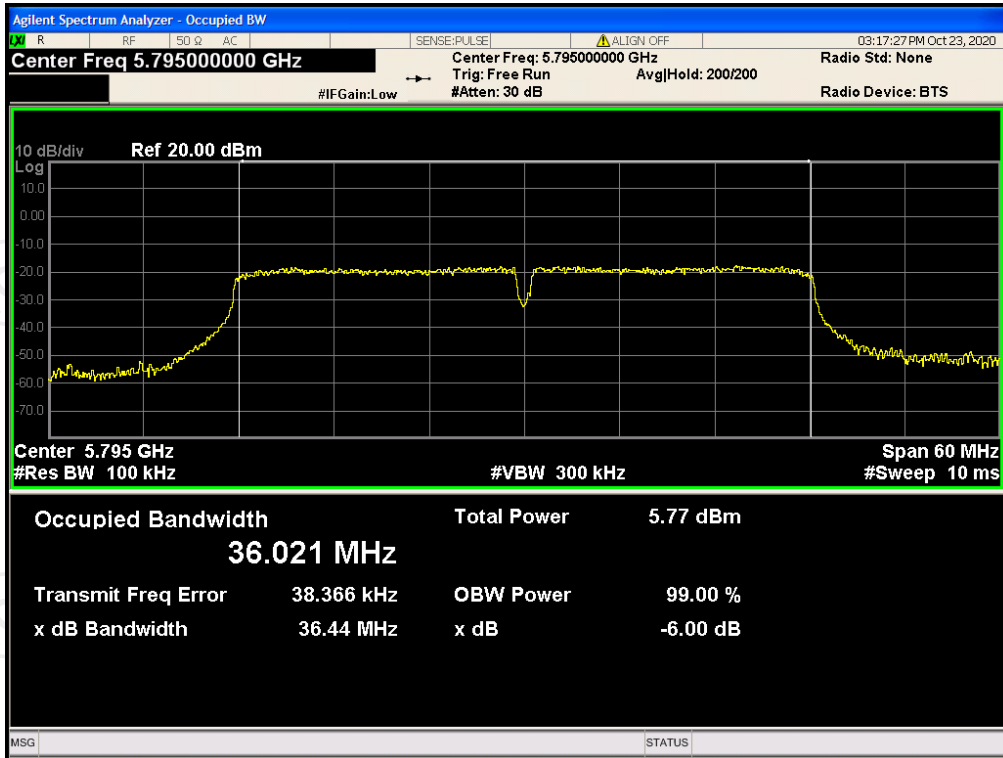
-6dB Bandwidth NVNT 802.11n(HT20) 5825MHz Ant1



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



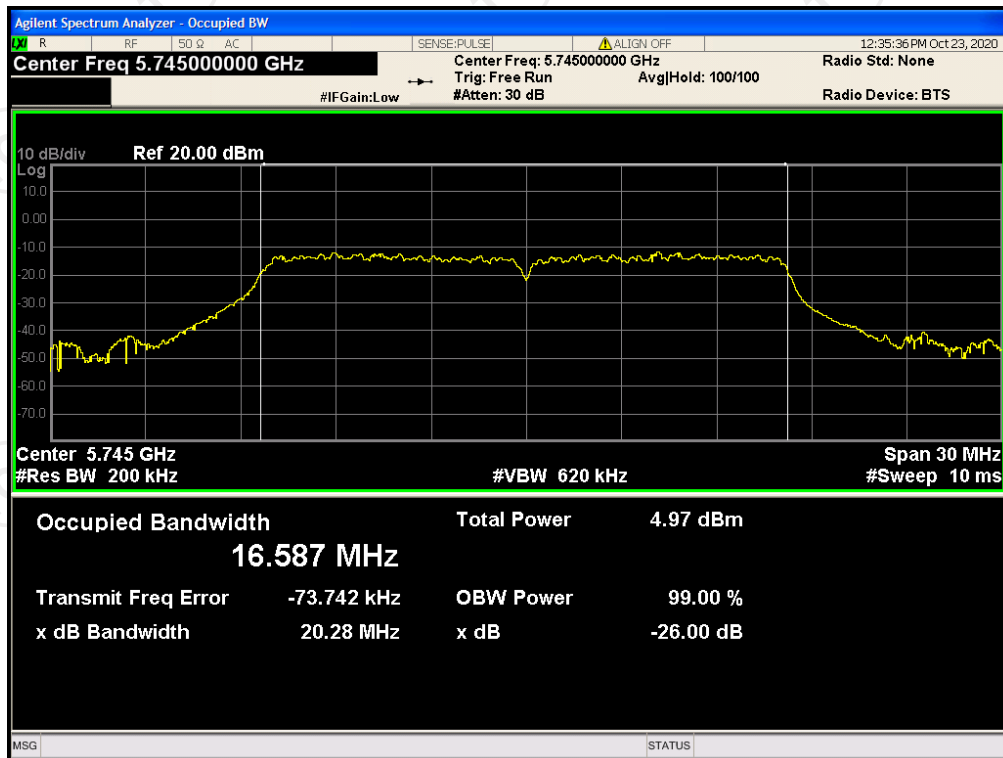
-6dB Bandwidth NVNT 802.11n(HT40) 5795MHz Ant1



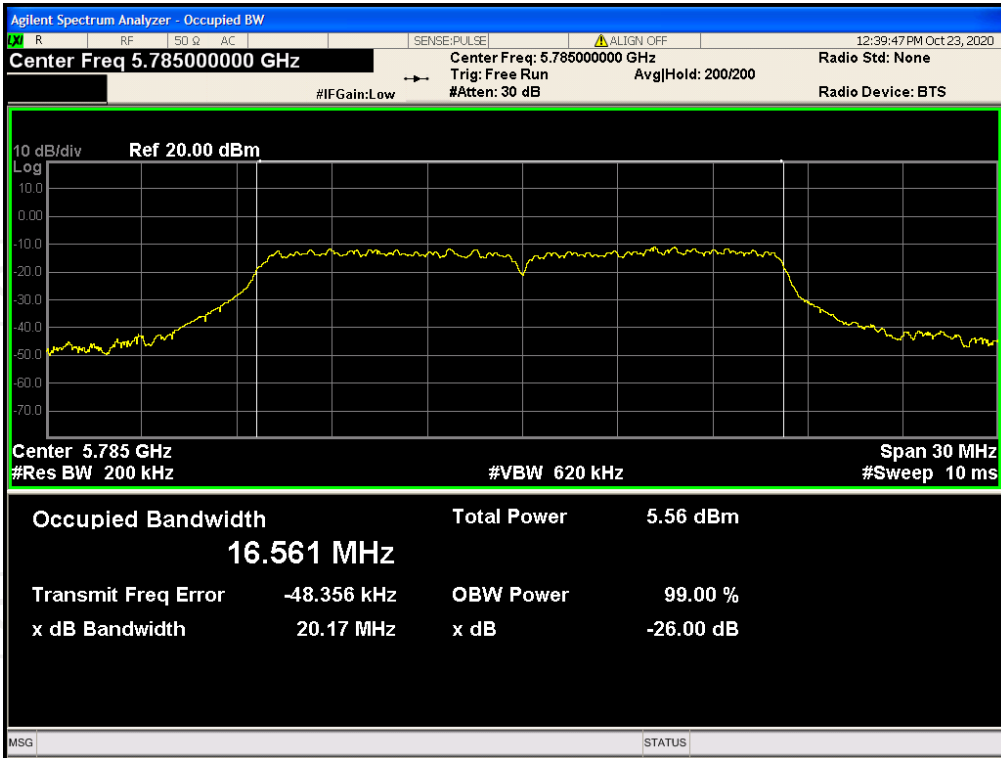
Occupied Channel Bandwidth

Condition	Mode	Frequency (MHz)	Antenna	99% OBW (MHz)	-26 dB Bandwidth (MHz)	Limit -26 dB Bandwidth (MHz)	Verdict
NVNT	802.11a	5745	Ant 1	16.5873	20.2822	0.5	Pass
NVNT	802.11a	5785	Ant 1	16.5610	20.1694	0.5	Pass
NVNT	802.11a	5825	Ant 1	16.5102	20.1130	0.5	Pass
NVNT	802.11ac20	5745	Ant 1	17.6566	21.0930	0.5	Pass
NVNT	802.11ac20	5785	Ant 1	17.6552	21.1780	0.5	Pass
NVNT	802.11ac20	5825	Ant 1	17.6620	21.3118	0.5	Pass
NVNT	802.11ac40	5755	Ant 1	36.1956	42.0720	0.5	Pass
NVNT	802.11ac40	5795	Ant 1	36.1518	41.7948	0.5	Pass
NVNT	802.11ac80	5775	Ant 1	75.5931	82.6059	0.5	Pass
NVNT	802.11n(HT20)	5745	Ant 1	17.6589	21.1319	0.5	Pass
NVNT	802.11n(HT20)	5785	Ant 1	17.6595	21.2707	0.5	Pass
NVNT	802.11n(HT20)	5825	Ant 1	17.6591	21.2507	0.5	Pass
NVNT	802.11n(HT40)	5755	Ant 1	36.7334	60.0000	0.5	Pass
NVNT	802.11n(HT40)	5795	Ant 1	36.1661	41.9106	0.5	Pass

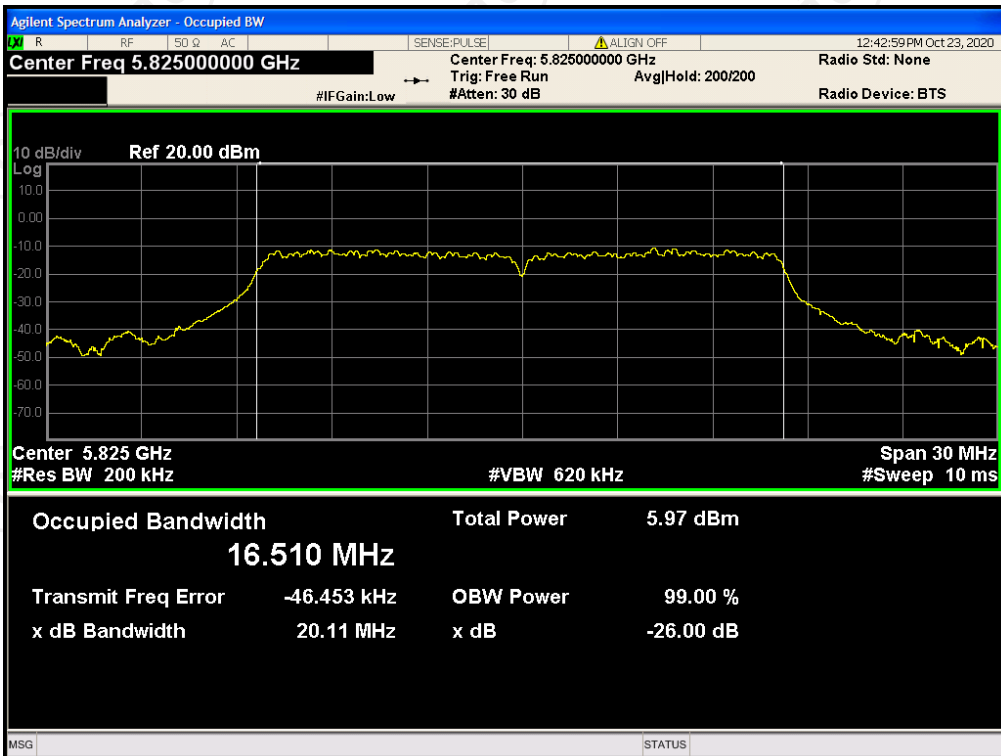
OBW NVNT 802.11a 5745MHz Ant1



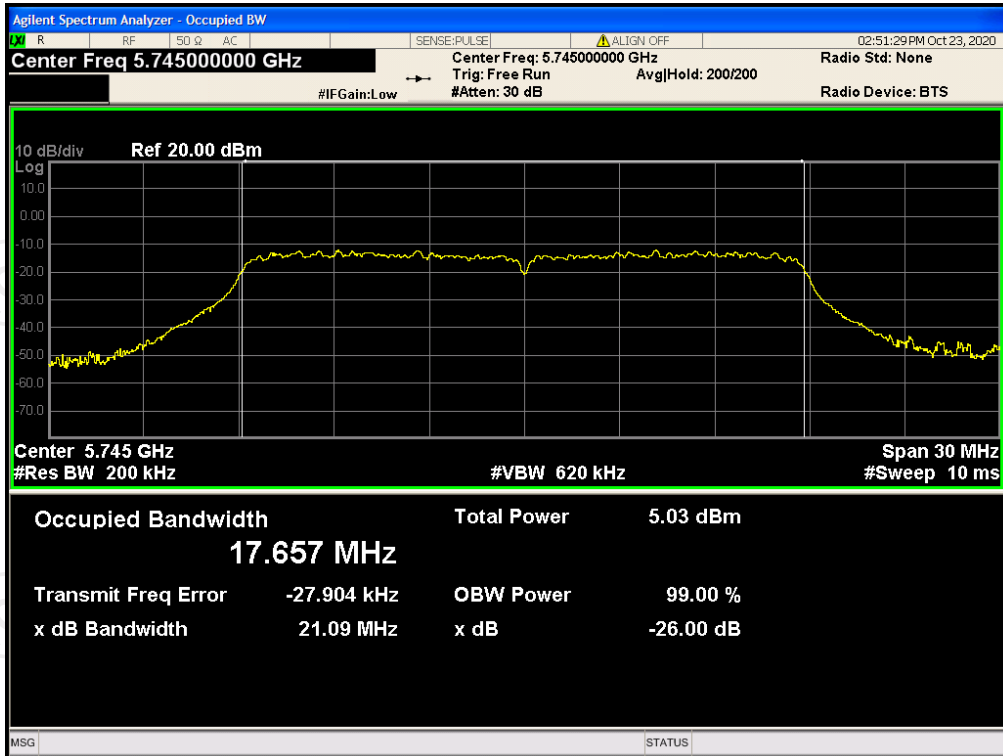
OBW NVNT 802.11a 5785MHz Ant1



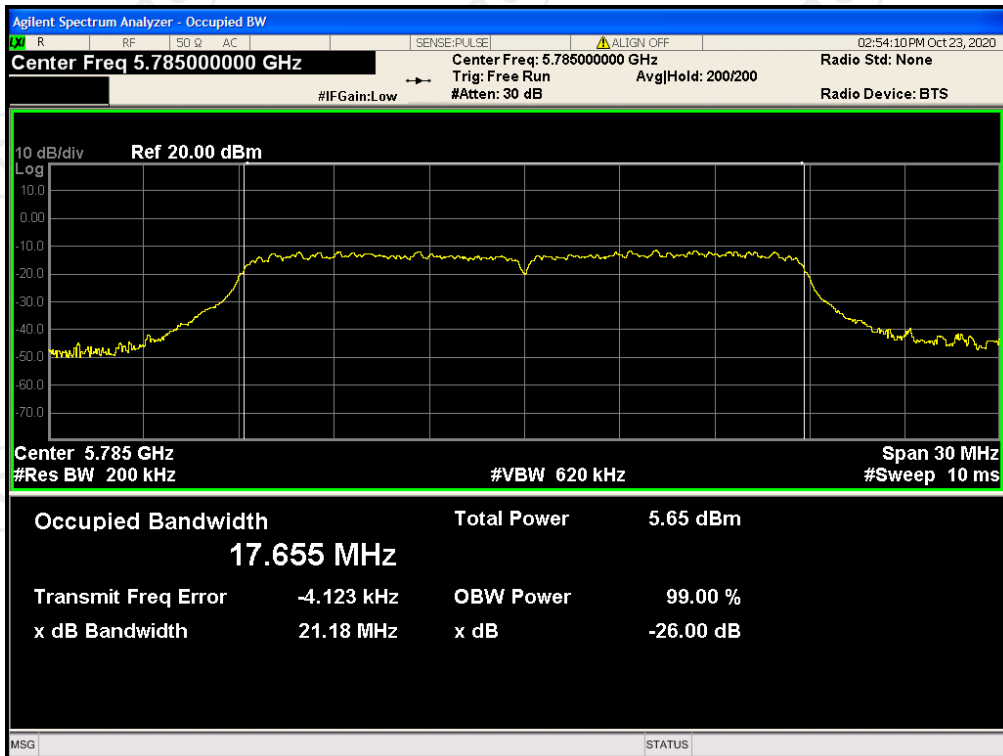
OBW NVNT 802.11a 5825MHz Ant1



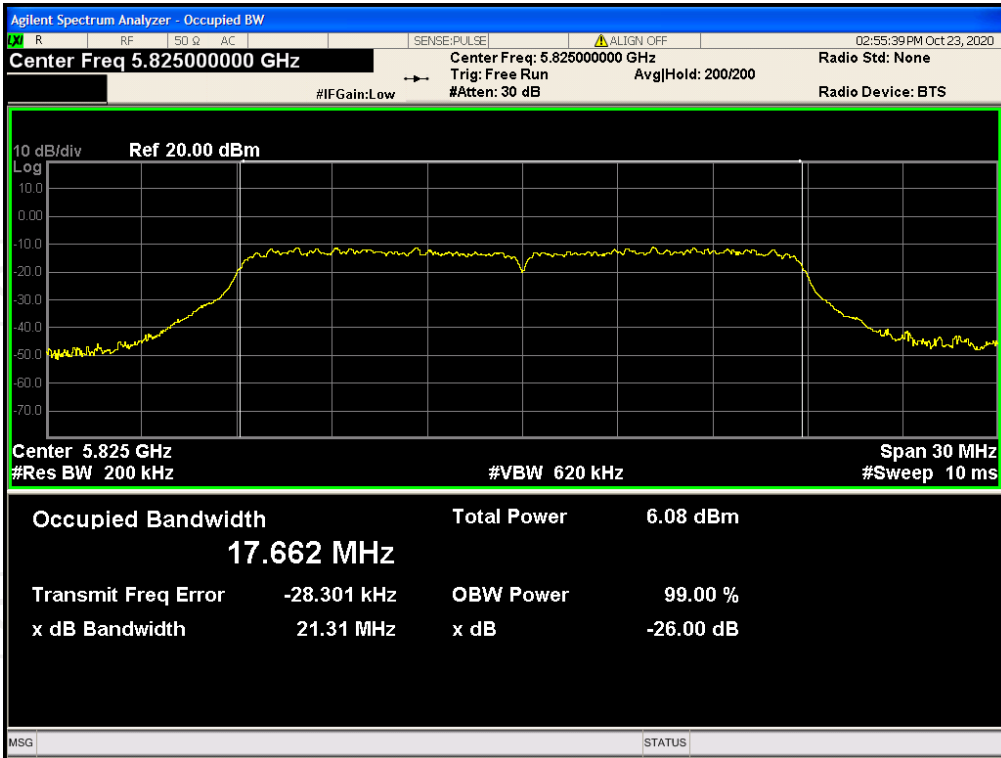
OBW NVNT 802.11ac20 5745MHz Ant1



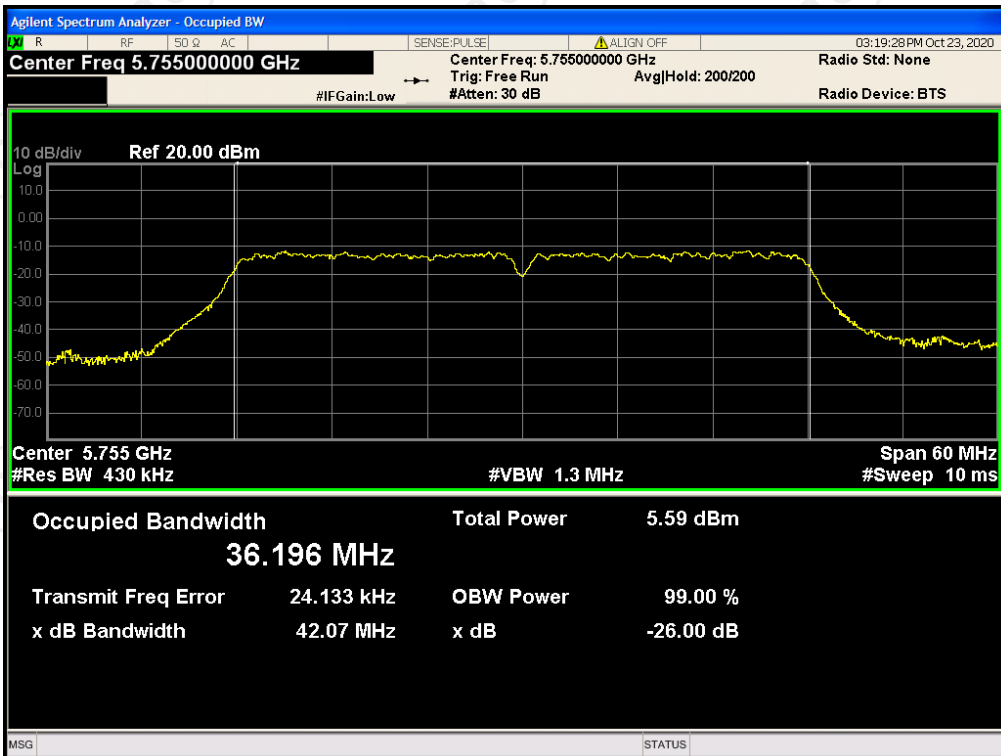
OBW NVNT 802.11ac20 5785MHz Ant1



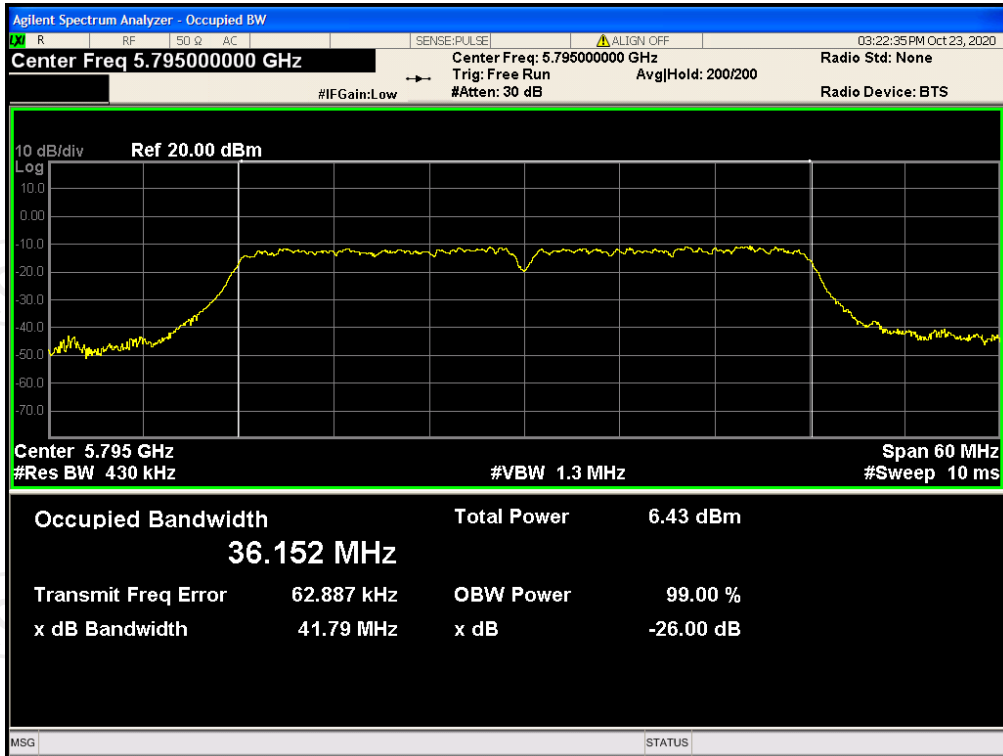
OBW NVNT 802.11ac20 5825MHz Ant1



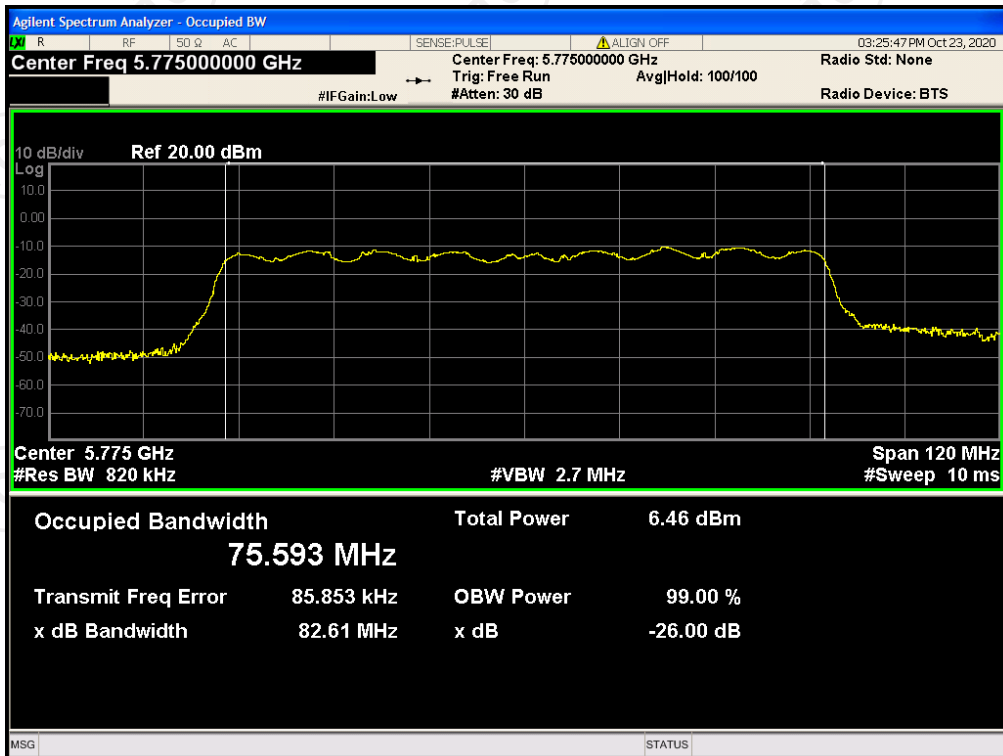
OBW NVNT 802.11ac40 5755MHz Ant1



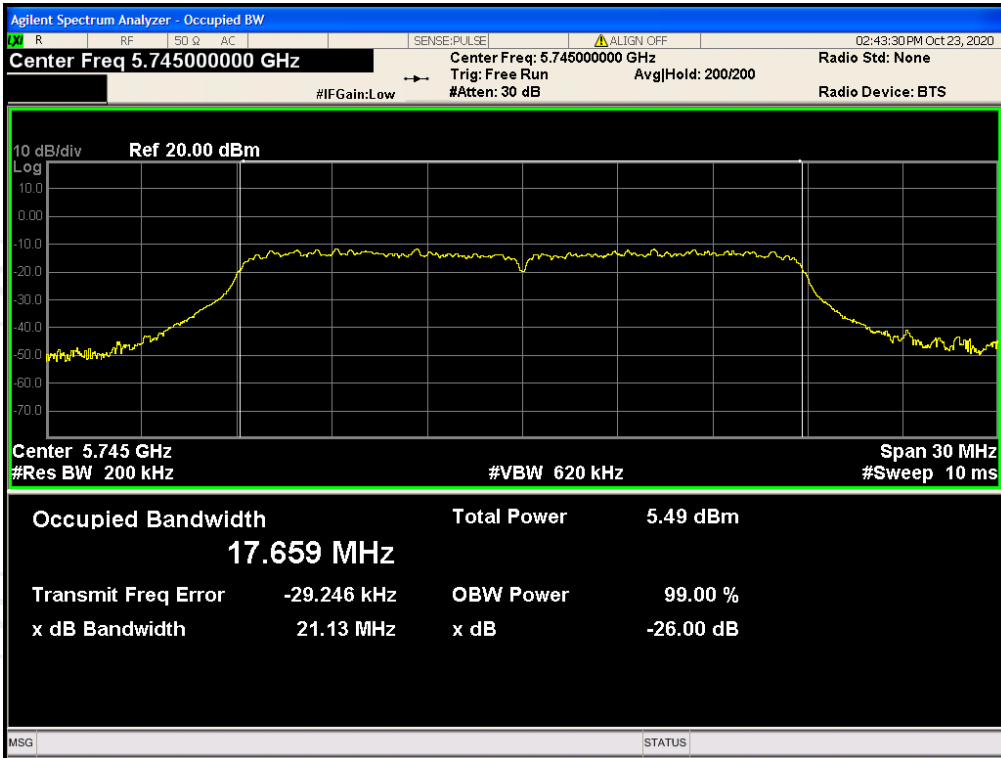
OBW NVNT 802.11ac40 5795MHz Ant1



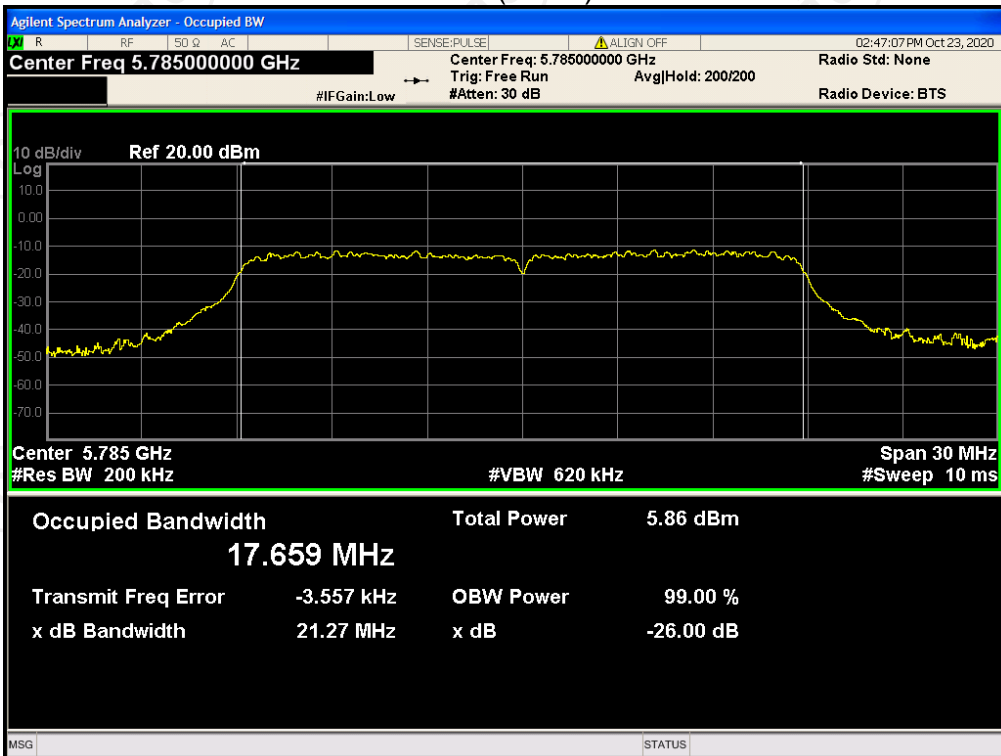
OBW NVNT 802.11ac80 5775MHz Ant1



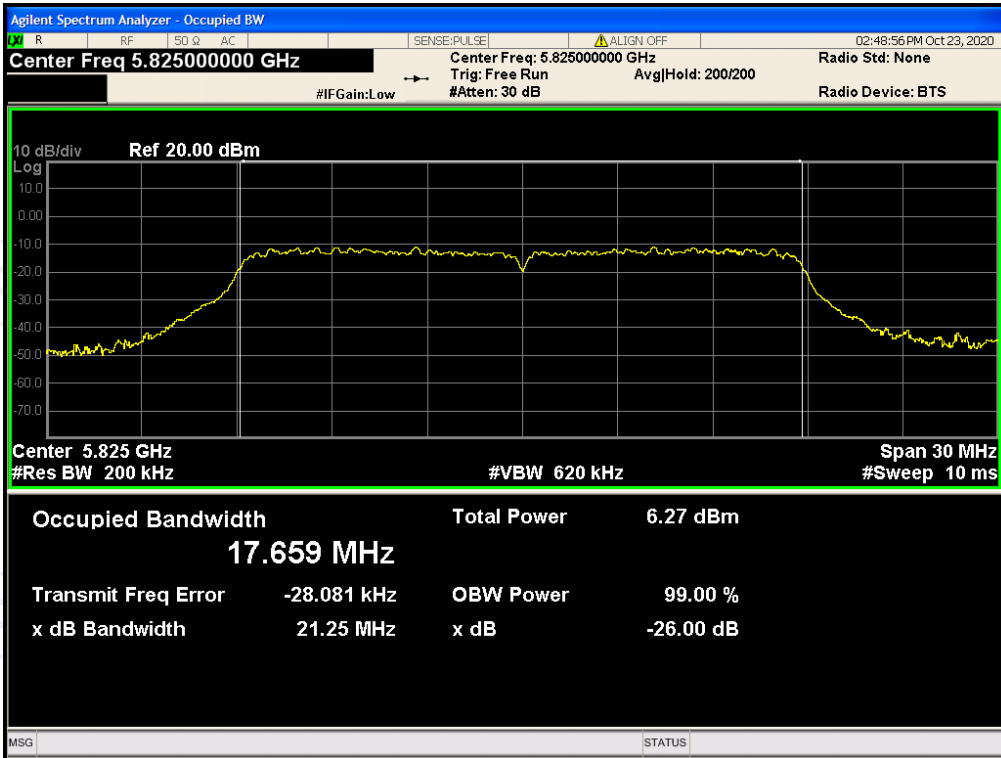
OBW NVNT 802.11n(HT20) 5745MHz Ant1



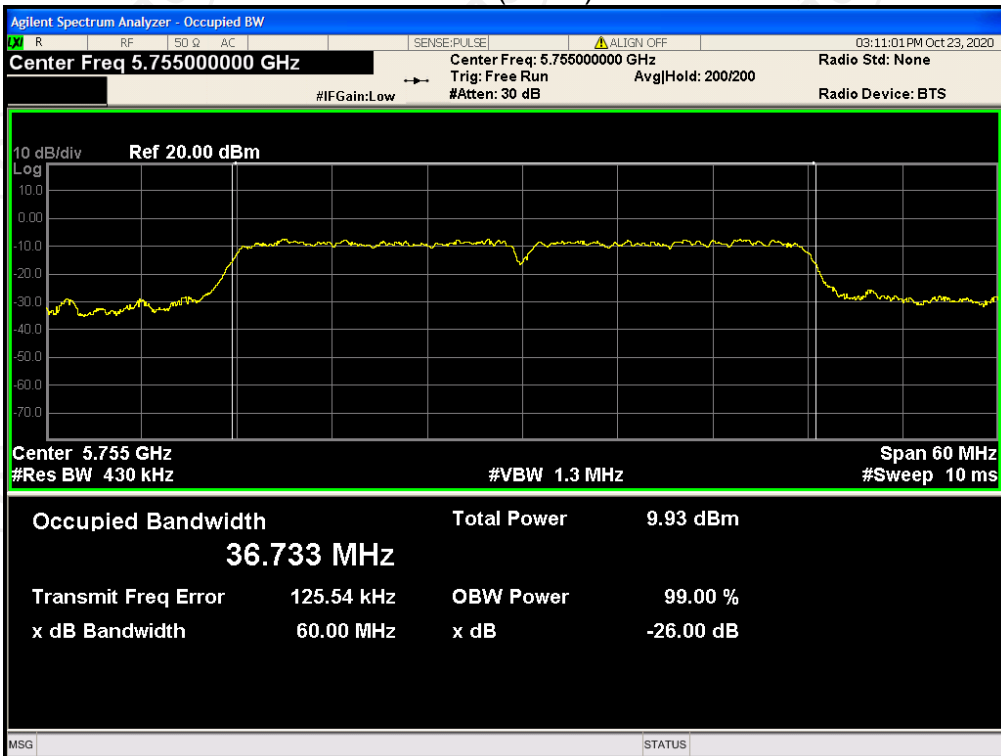
OBW NVNT 802.11n(HT20) 5785MHz Ant1



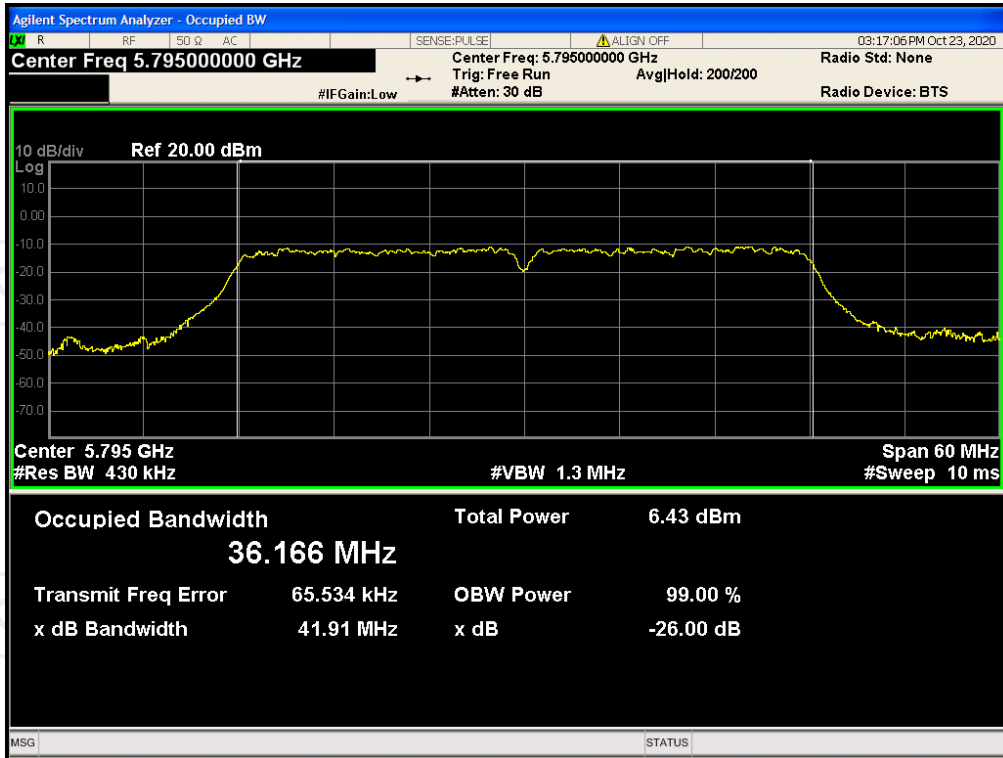
OBW NVNT 802.11n(HT20) 5825MHz Ant1



OBW NVNT 802.11n(HT40) 5755MHz Ant1



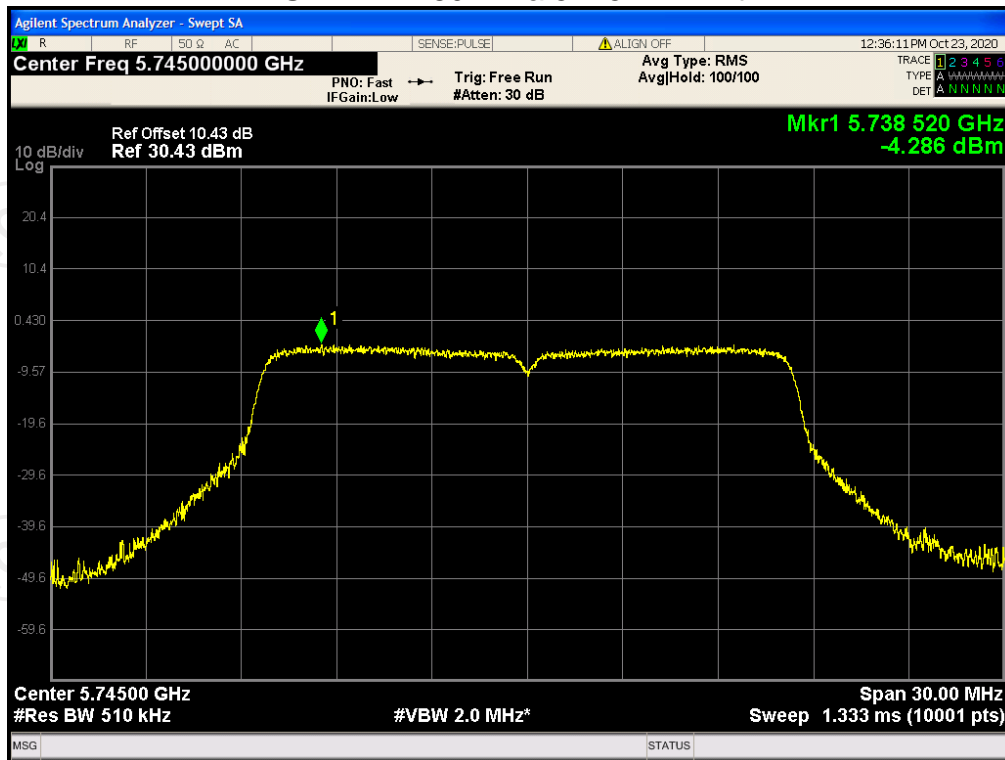
OBW NVNT 802.11n(HT40) 5795MHz Ant1



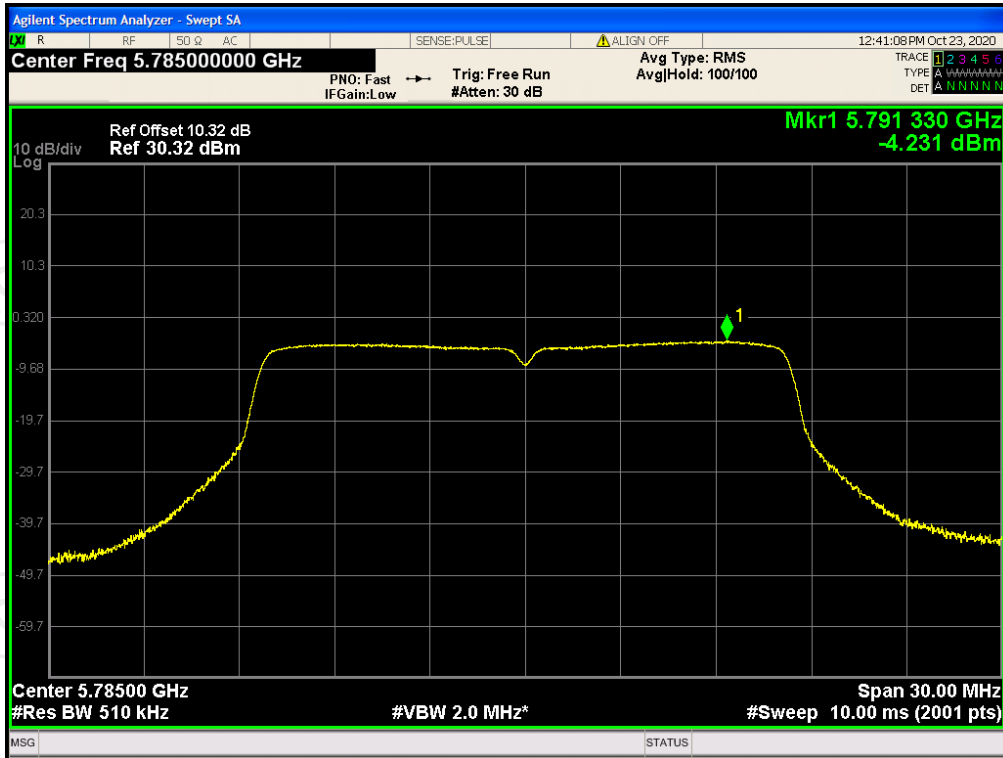
Maximum Power Spectral Density Level

Condition	Mode	Frequency (MHz)	Max PSD (dBm/510KHz)	Max PSD (dBm/500KHz)	Limit (dBm)	Verdict
NVNT	802.11a	5745	-4.286	-4.372	30	Pass
NVNT	802.11a	5785	-4.231	-4.317	30	Pass
NVNT	802.11a	5825	-4.332	-4.418	30	Pass
NVNT	802.11ac20	5745	-5.062	-5.148	30	Pass
NVNT	802.11ac20	5785	-4.216	-4.302	30	Pass
NVNT	802.11ac20	5825	-4.259	-4.345	30	Pass
NVNT	802.11ac40	5755	-8.102	-8.188	30	Pass
NVNT	802.11ac40	5795	-6.843	-6.929	30	Pass
NVNT	802.11ac80	5775	-9.142	-9.228	30	Pass
NVNT	802.11n(HT20)	5745	-4.618	-4.704	30	Pass
NVNT	802.11n(HT20)	5785	-4.051	-4.137	30	Pass
NVNT	802.11n(HT20)	5825	-3.756	-3.842	30	Pass
NVNT	802.11n(HT40)	5755	-4.115	-4.201	30	Pass
NVNT	802.11n(HT40)	5795	-6.598	-6.684	30	Pass

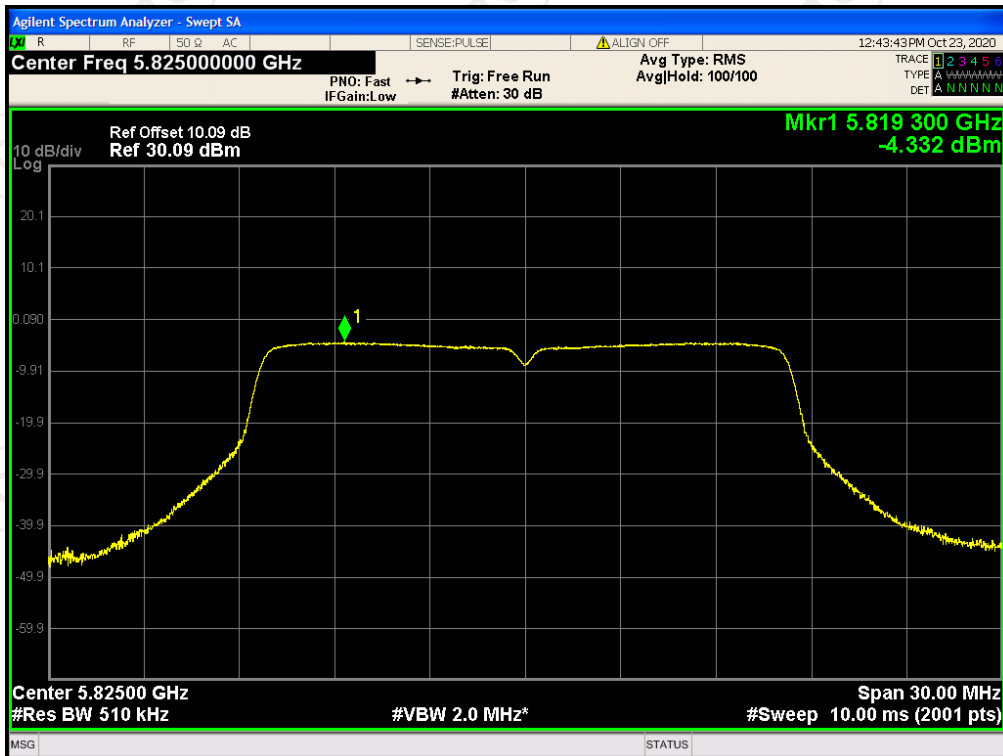
PSD NVNT 802.11a 5745MHz Ant1



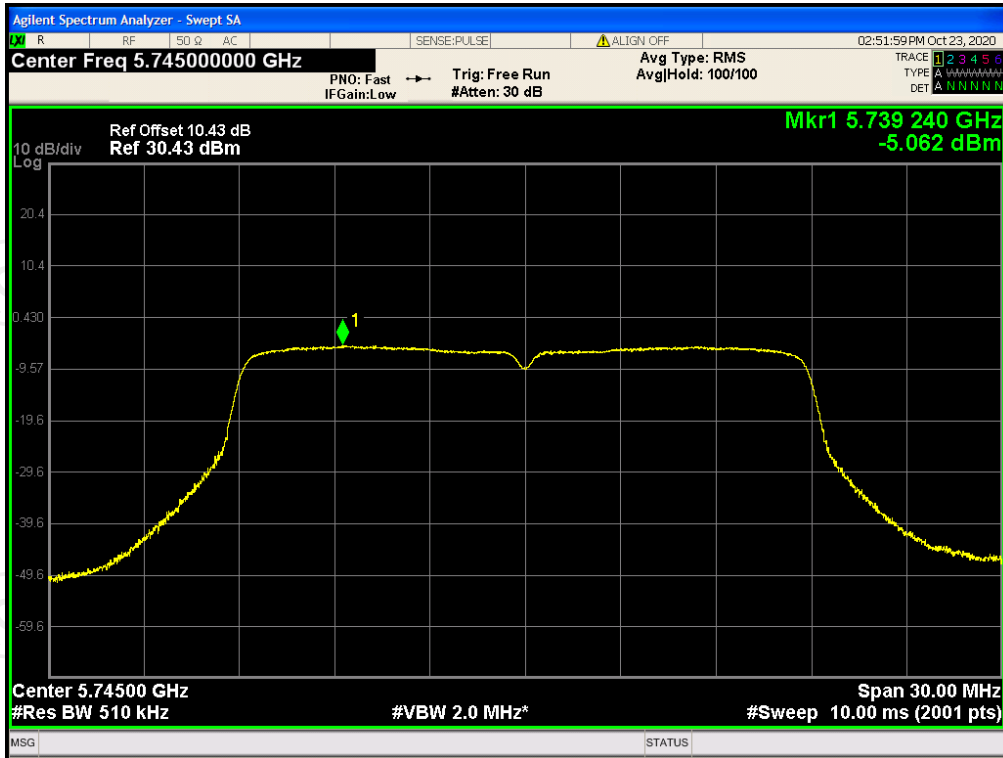
PSD NVNT 802.11a 5785MHz Ant1



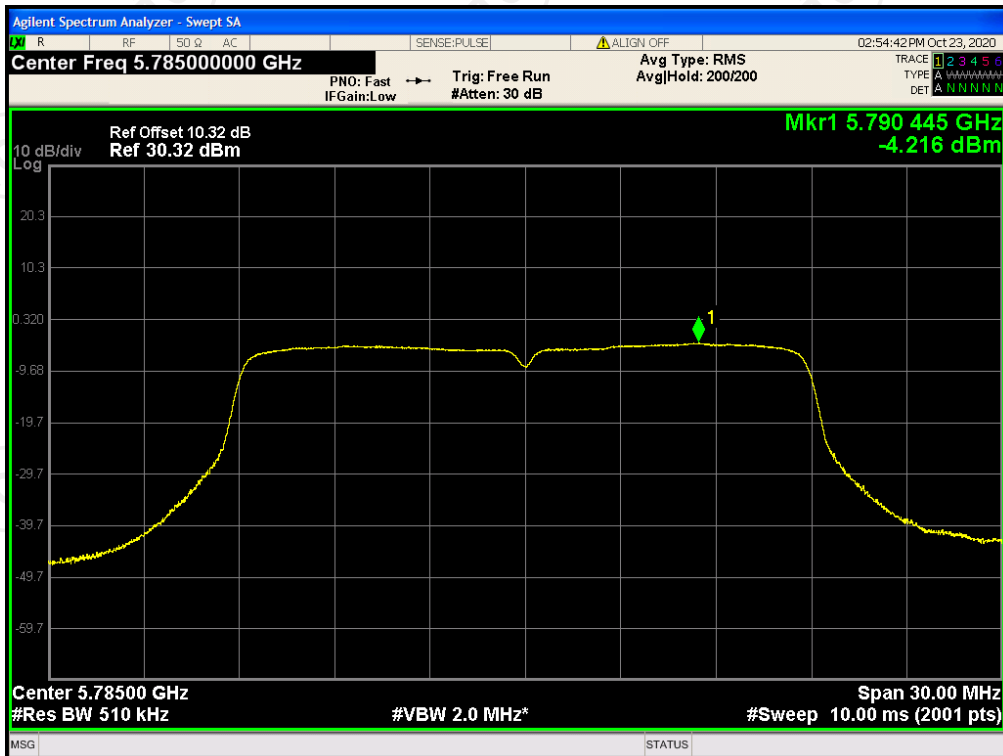
PSD NVNT 802.11a 5825MHz Ant1



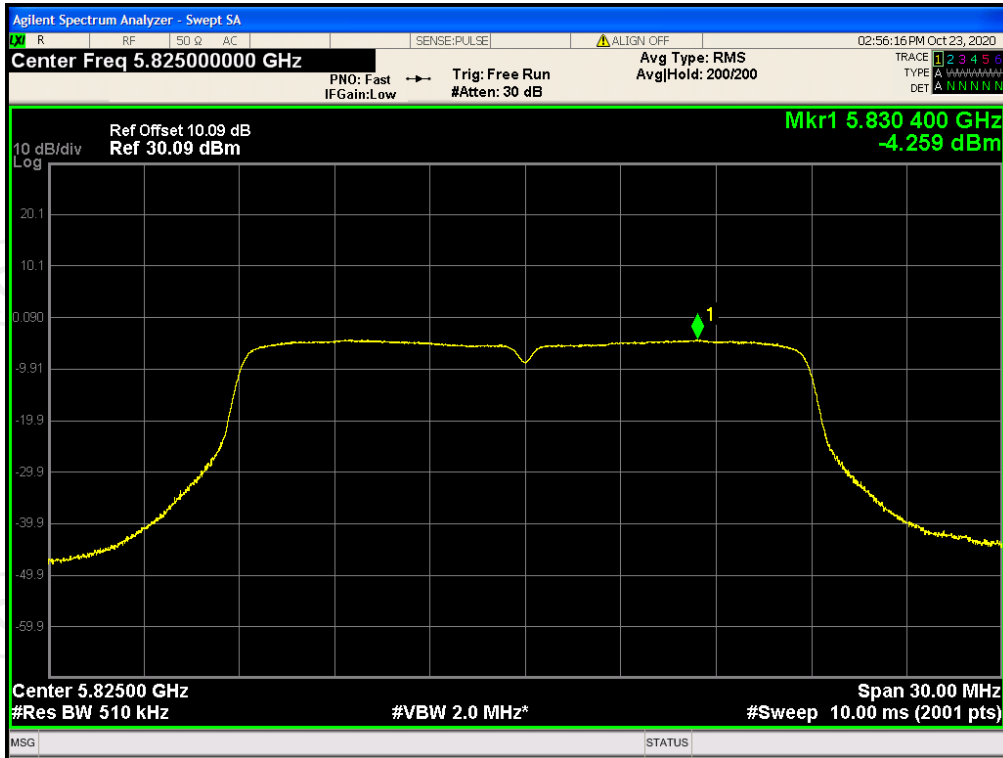
PSD NVNT 802.11ac20 5745MHz Ant1



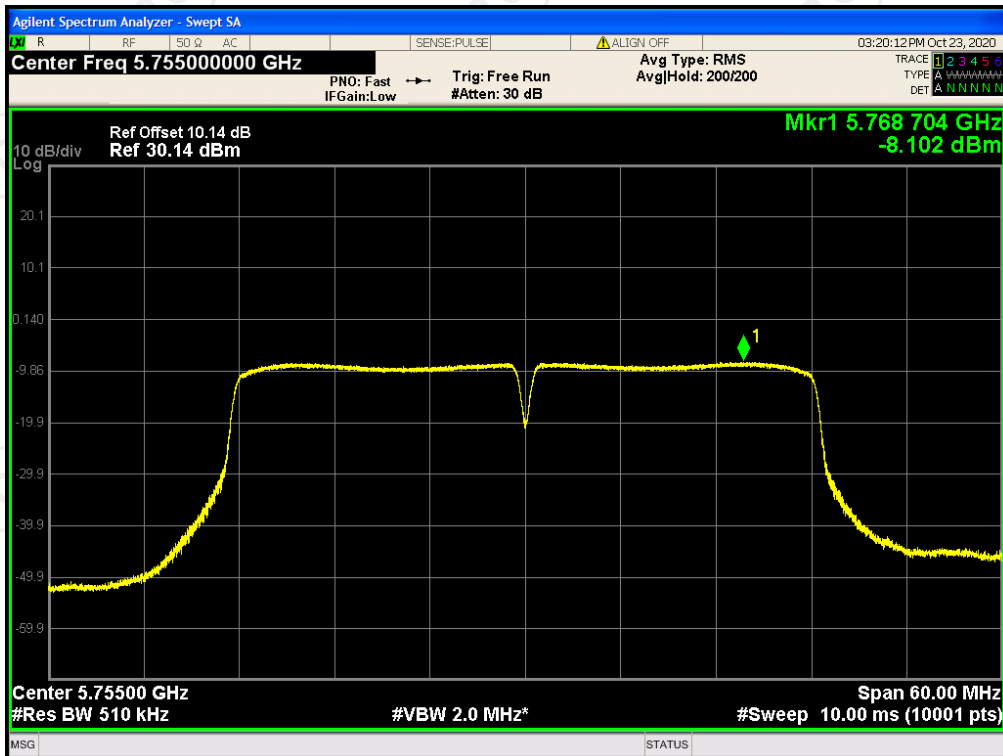
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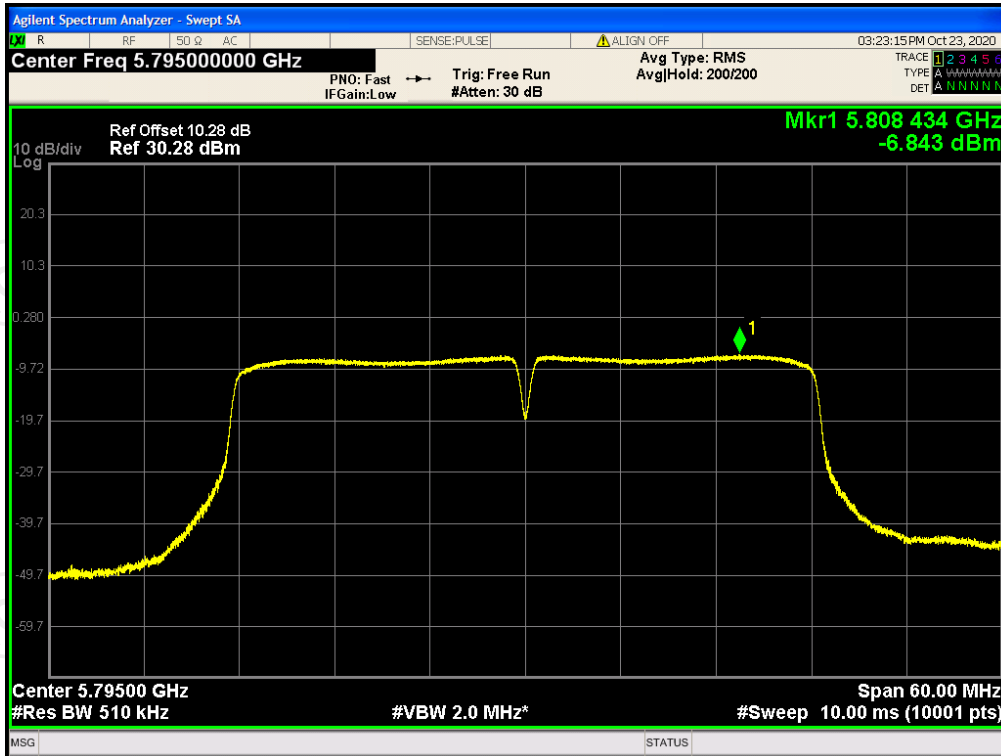
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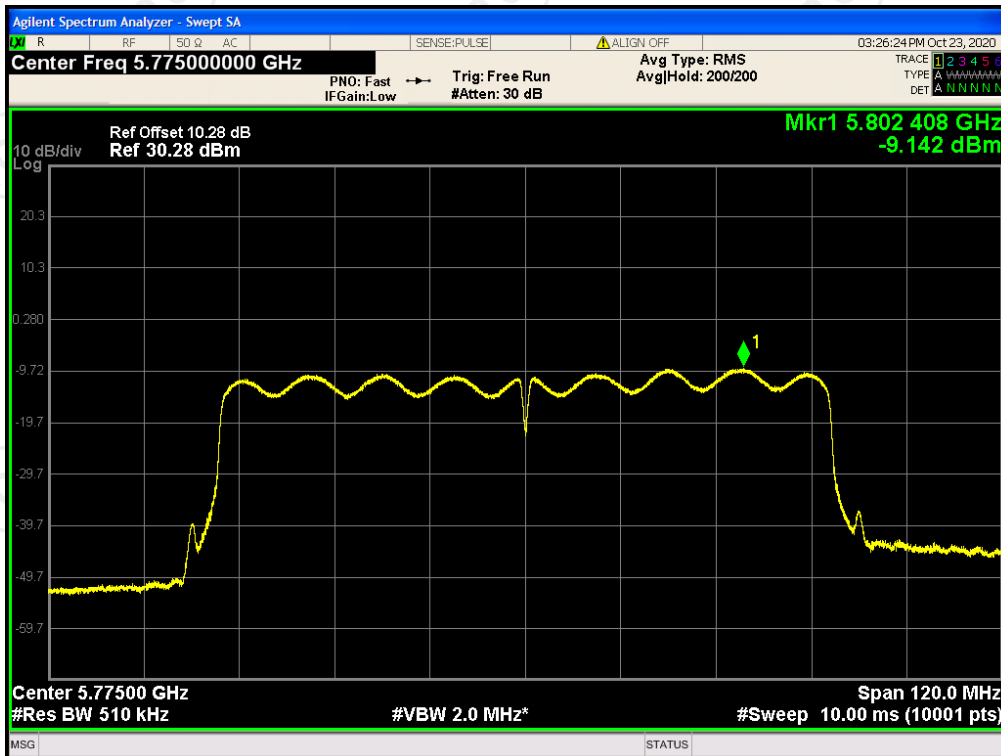
PSD NVNT 802.11ac40 5755MHz Ant1



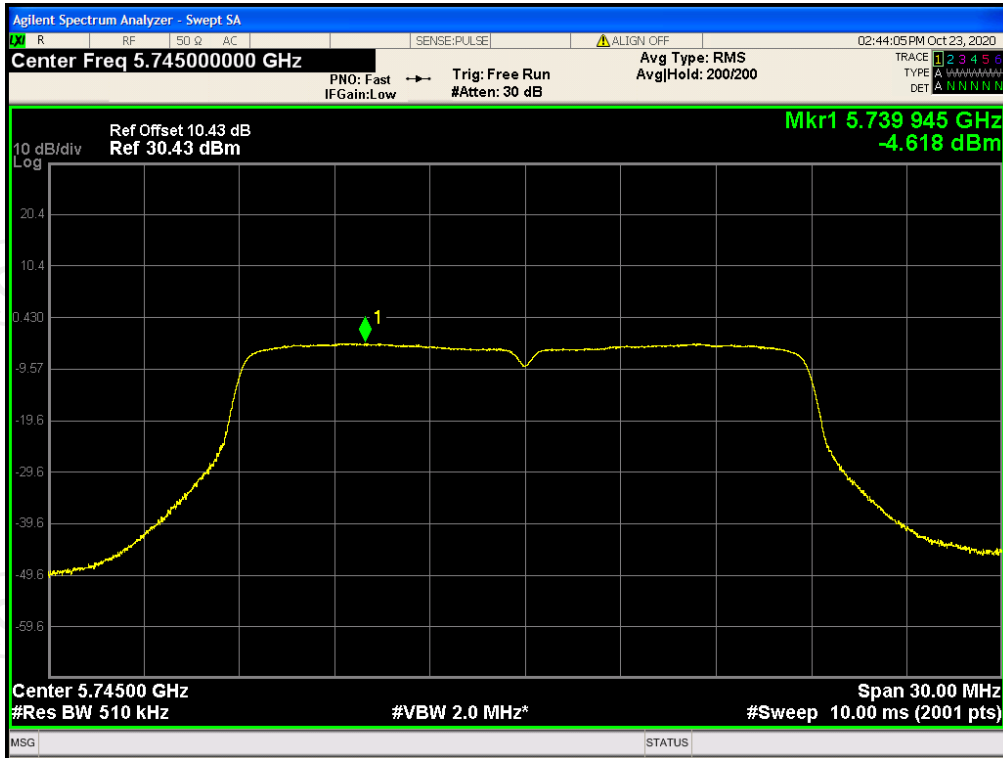
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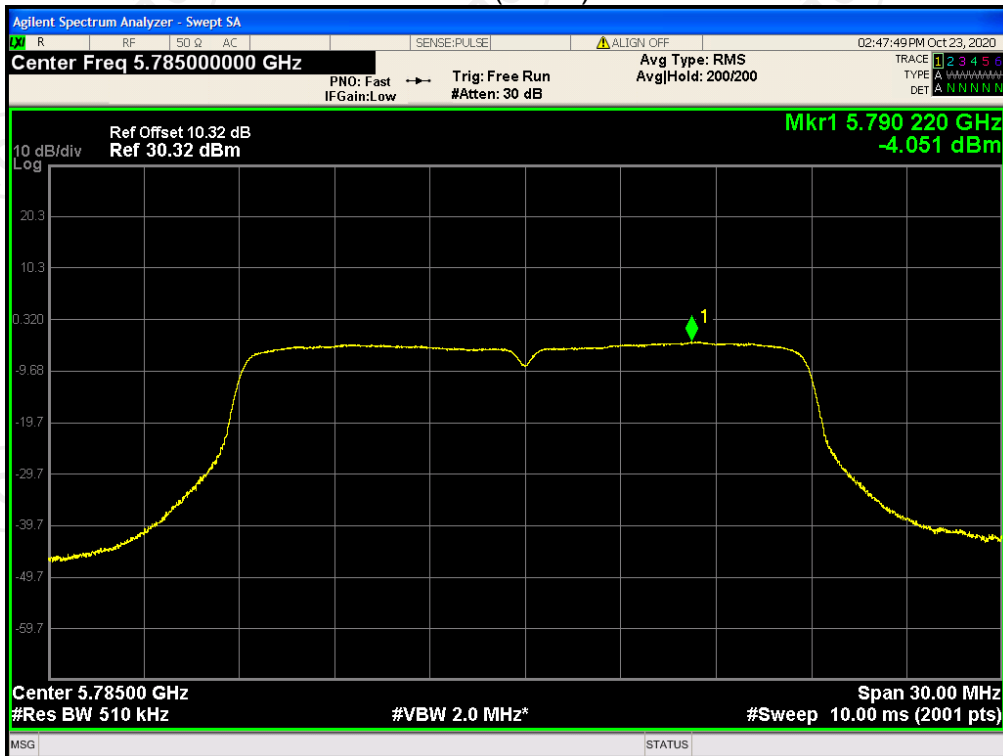
PSD NVNT 802.11ac80 5775MHz Ant1



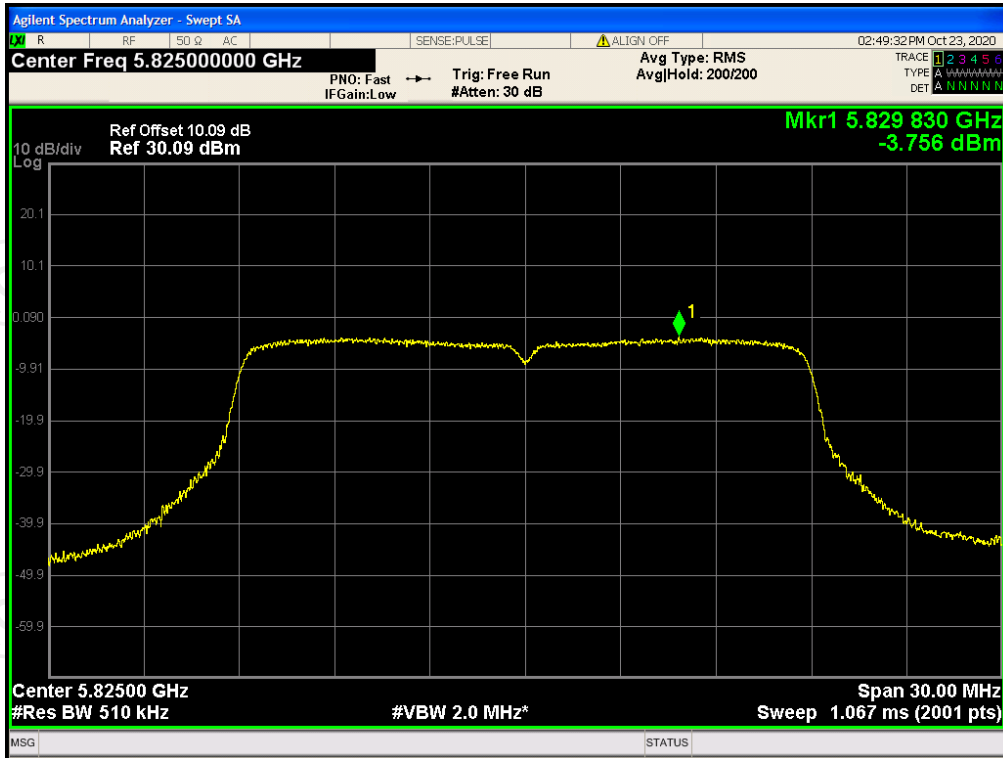
PSD NVNT 802.11n(HT20) 5745MHz Ant1



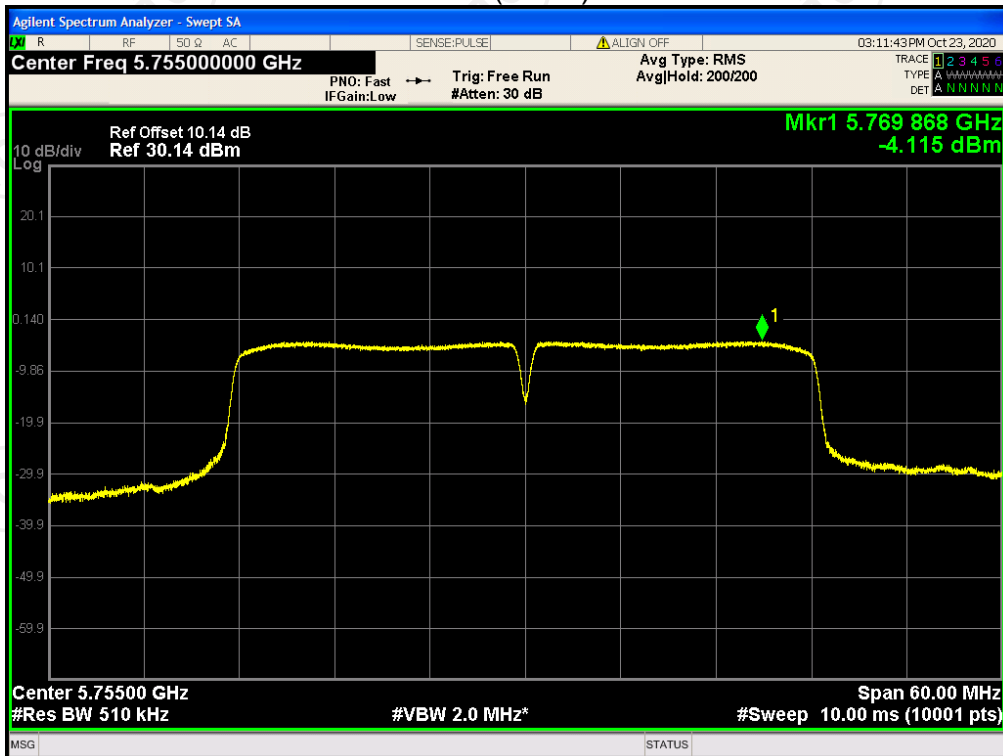
PSD NVNT 802.11n(HT20) 5785MHz Ant1



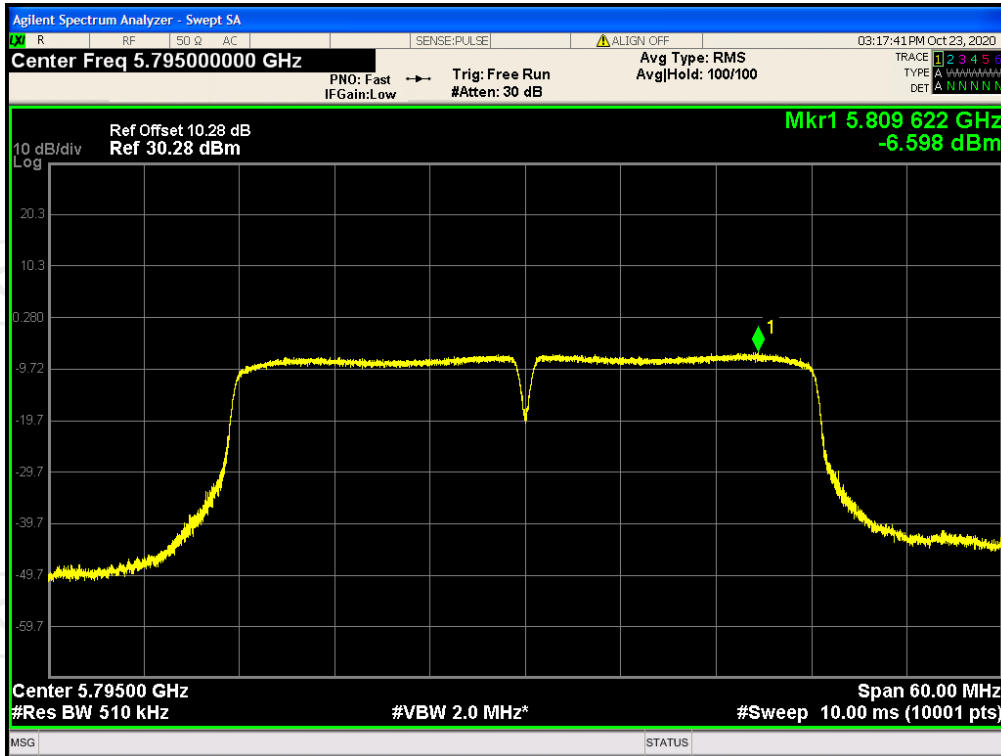
PSD NVNT 802.11n(HT20) 5825MHz Ant1



PSD NVNT 802.11n(HT40) 5755MHz Ant1



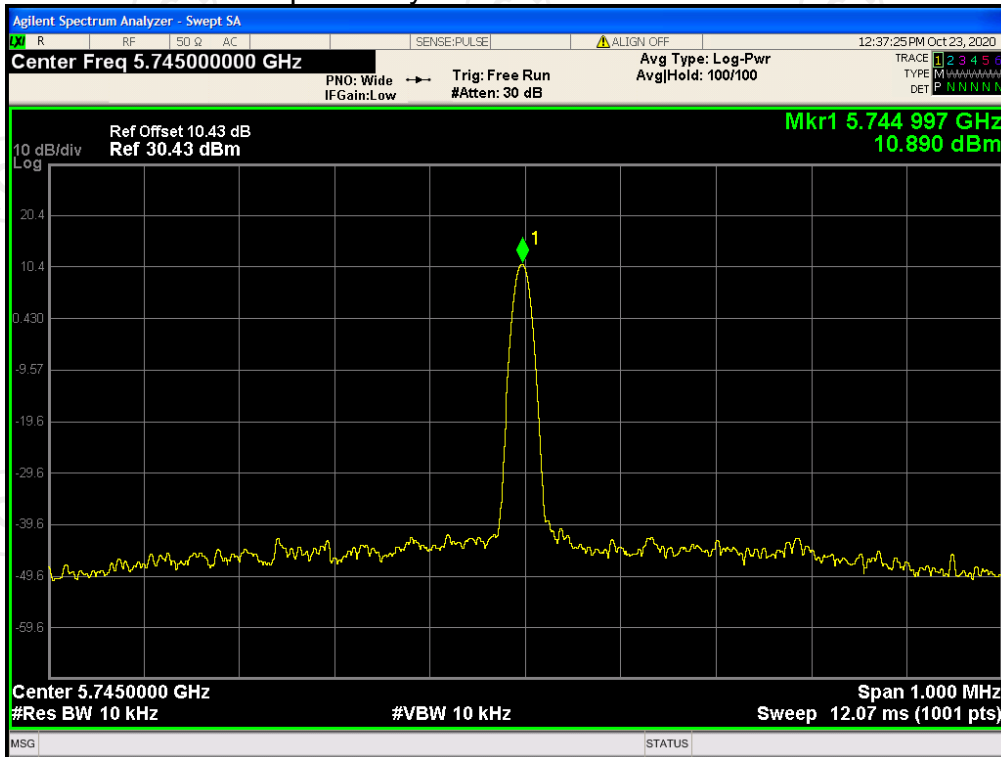
PSD NVNT 802.11n(HT40) 5795MHz Ant1



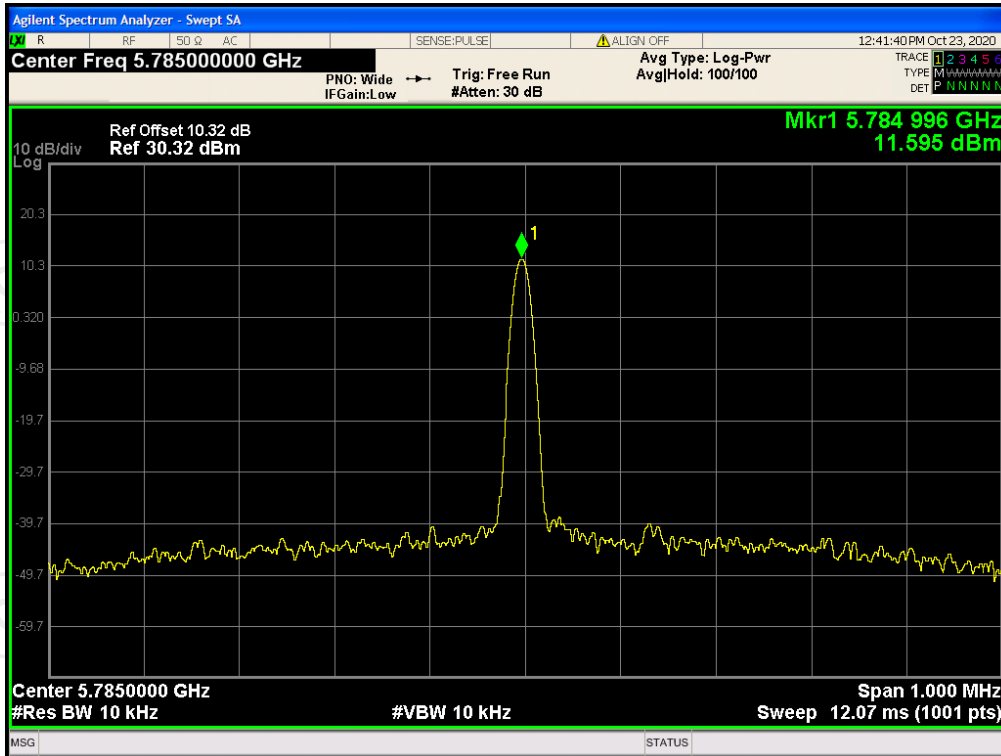
Frequency Stability

Condition	Mode	Frequency (MHz)	Measured Frequency (MHz)	Deviation (ppm)	Limit (ppm)	Verdict
NVNT	802.11a	5745	5744.997	-0.52	25	Pass
NVNT	802.11a	5785	5784.996	-0.69	25	Pass
NVNT	802.11a	5825	5824.996	-0.69	25	Pass
NVNT	802.11ac20	5745	5744.996	-0.70	25	Pass
NVNT	802.11ac20	5785	5784.997	-0.52	25	Pass
NVNT	802.11ac20	5825	5824.996	-0.69	25	Pass
NVNT	802.11ac40	5755	5754.996	-0.70	25	Pass
NVNT	802.11ac40	5795	5794.996	-0.69	25	Pass
NVNT	802.11ac80	5775	5774.996	-0.69	25	Pass
NVNT	802.11n(HT20)	5745	5744.996	-0.70	25	Pass
NVNT	802.11n(HT20)	5785	5784.997	-0.52	25	Pass
NVNT	802.11n(HT20)	5825	5824.996	-0.69	25	Pass
NVNT	802.11n(HT40)	5755	5754.996	-0.70	25	Pass
NVNT	802.11n(HT40)	5795	5794.996	-0.69	25	Pass

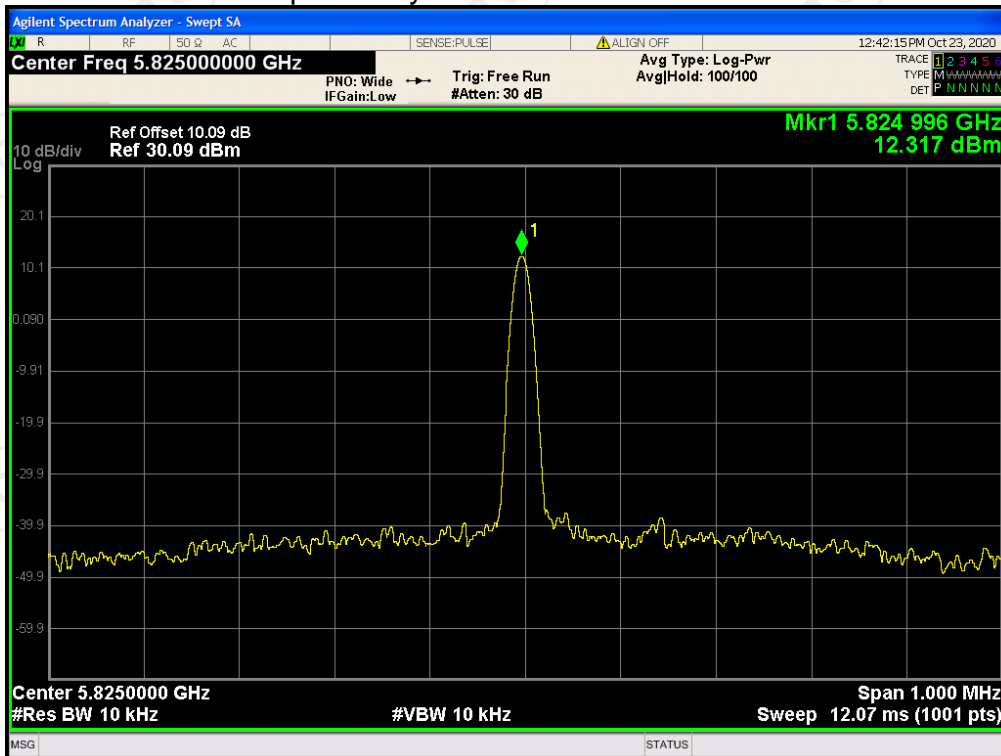
Freq. Stability NVNT 802.11a 5745MHz



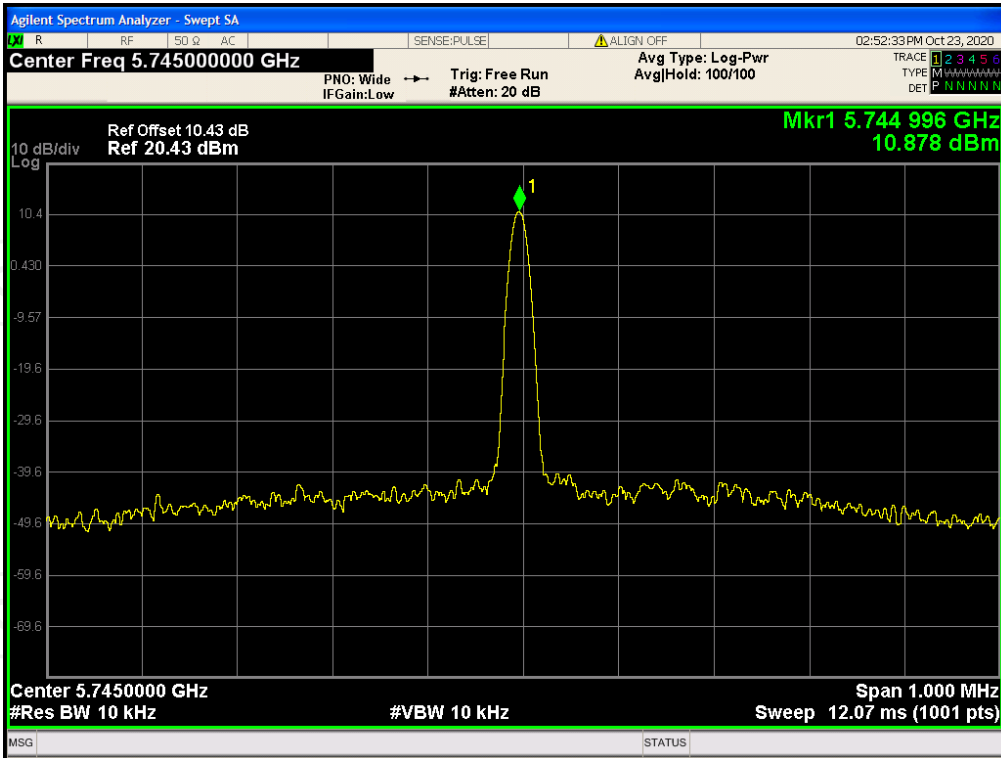
Freq. Stability NVNT 802.11a 5785MHz



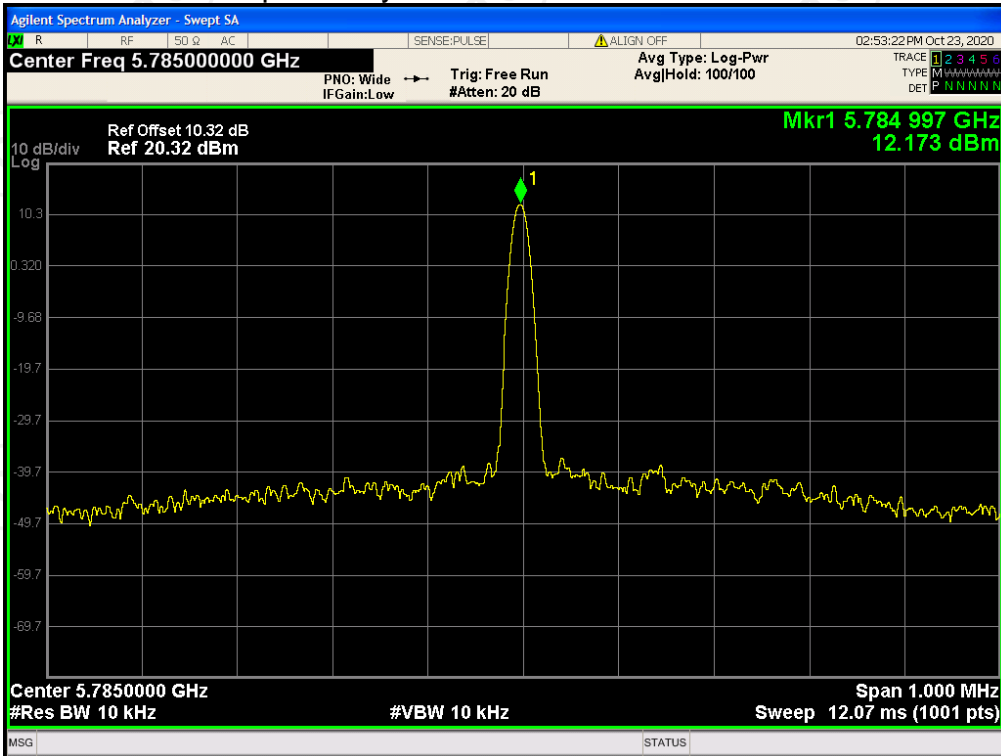
Freq. Stability NVNT 802.11a 5825MHz



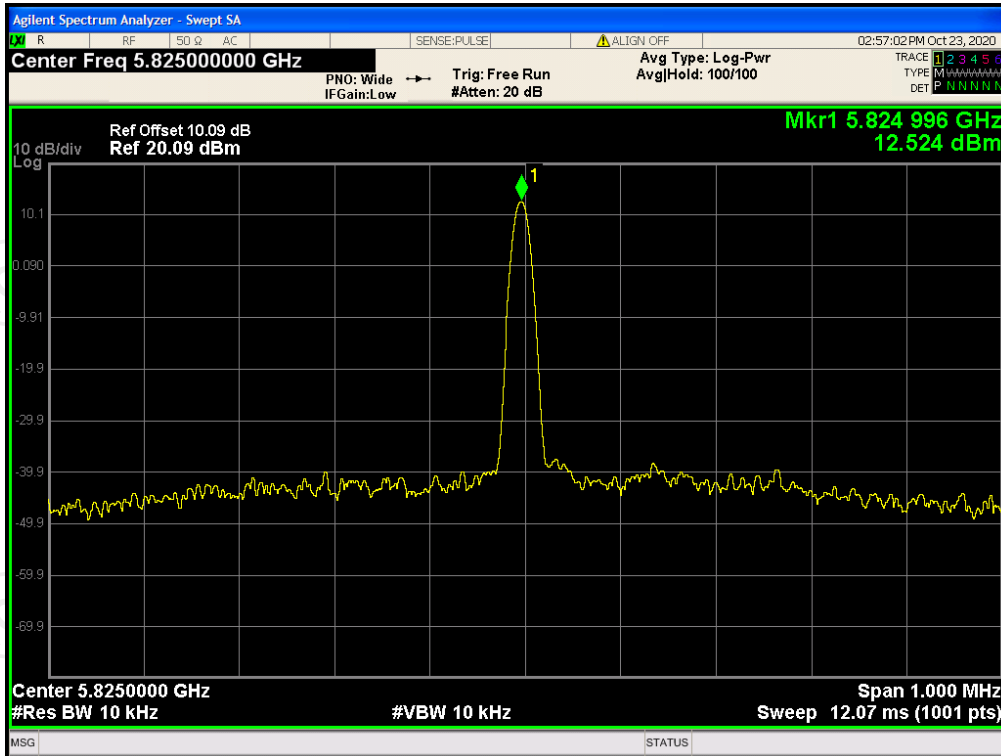
Freq. Stability NVNT 802.11ac20 5745MHz



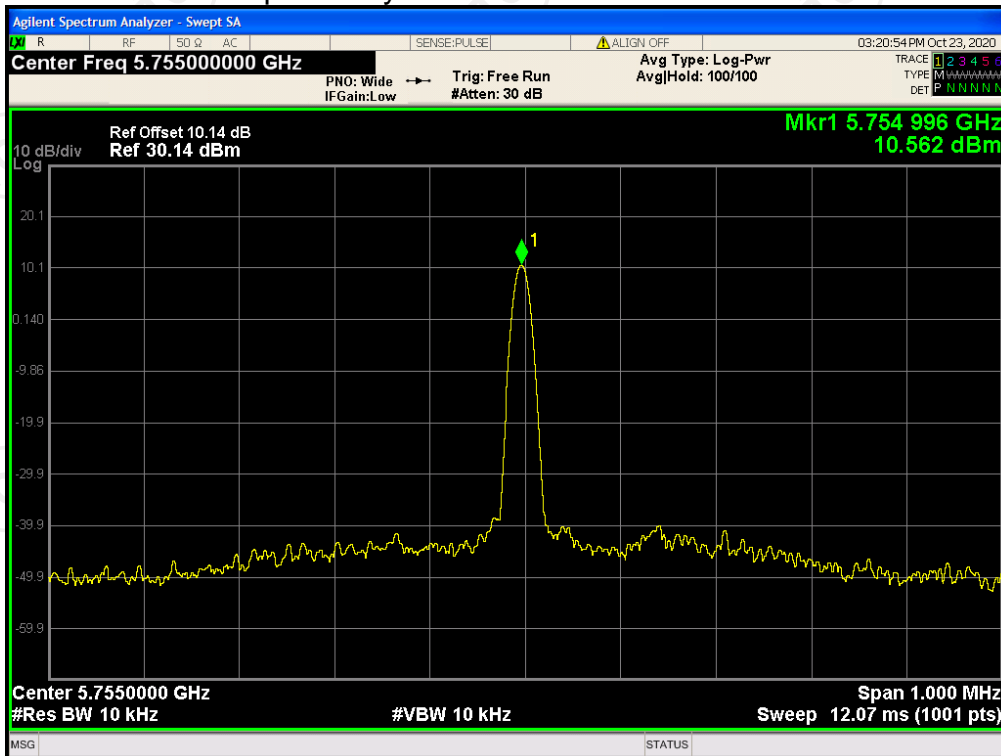
Freq. Stability NVNT 802.11ac20 5785MHz



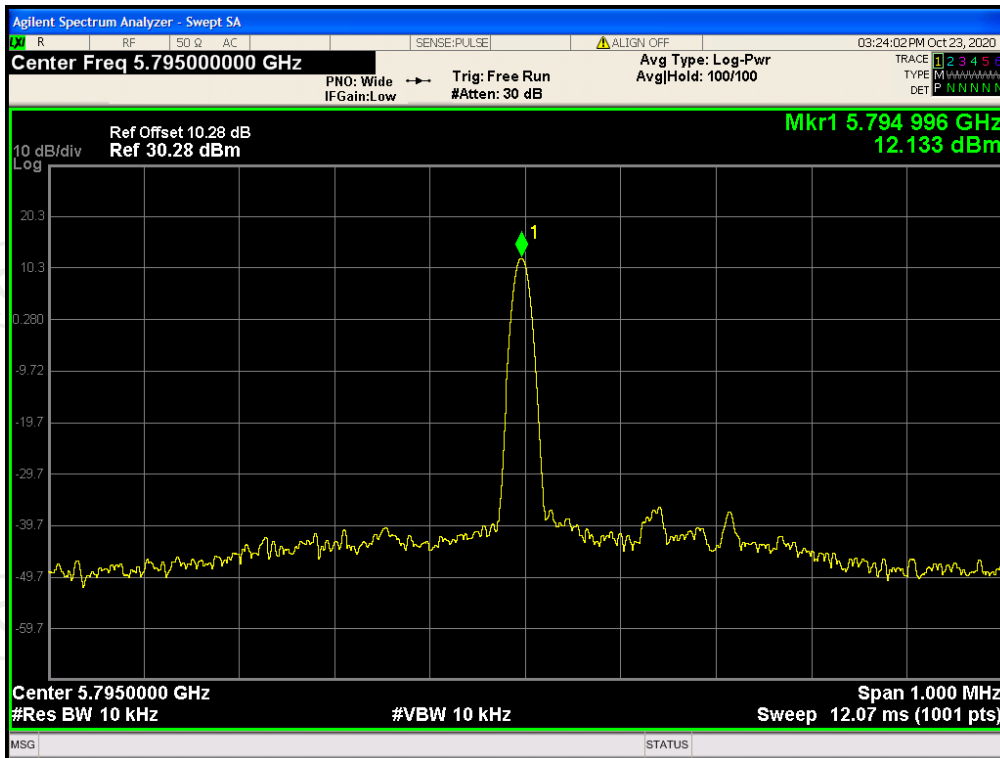
Freq. Stability NVNT 802.11ac20 5825MHz



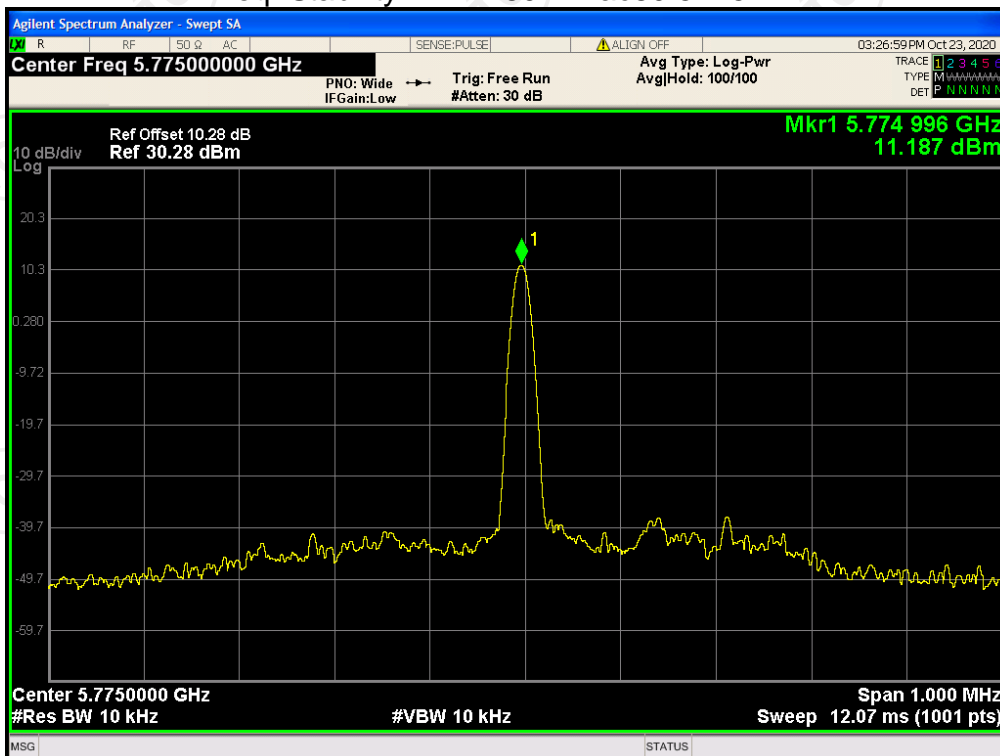
Freq. Stability NVNT 802.11ac40 5755MHz



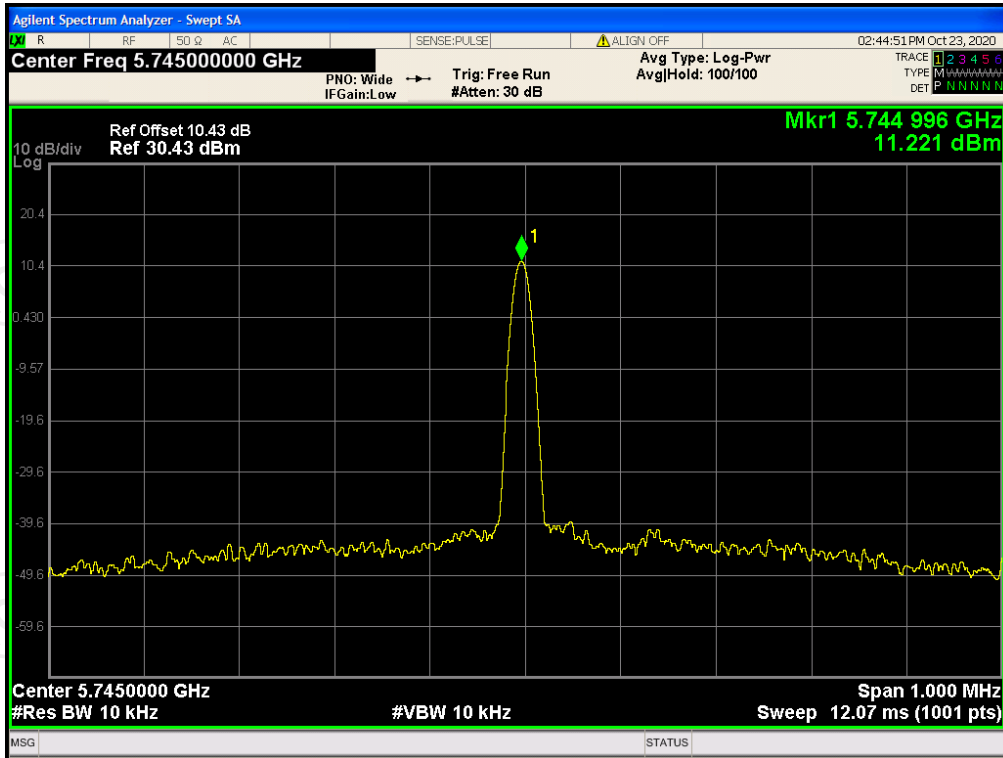
Freq. Stability NVNT 802.11ac40 5795MHz



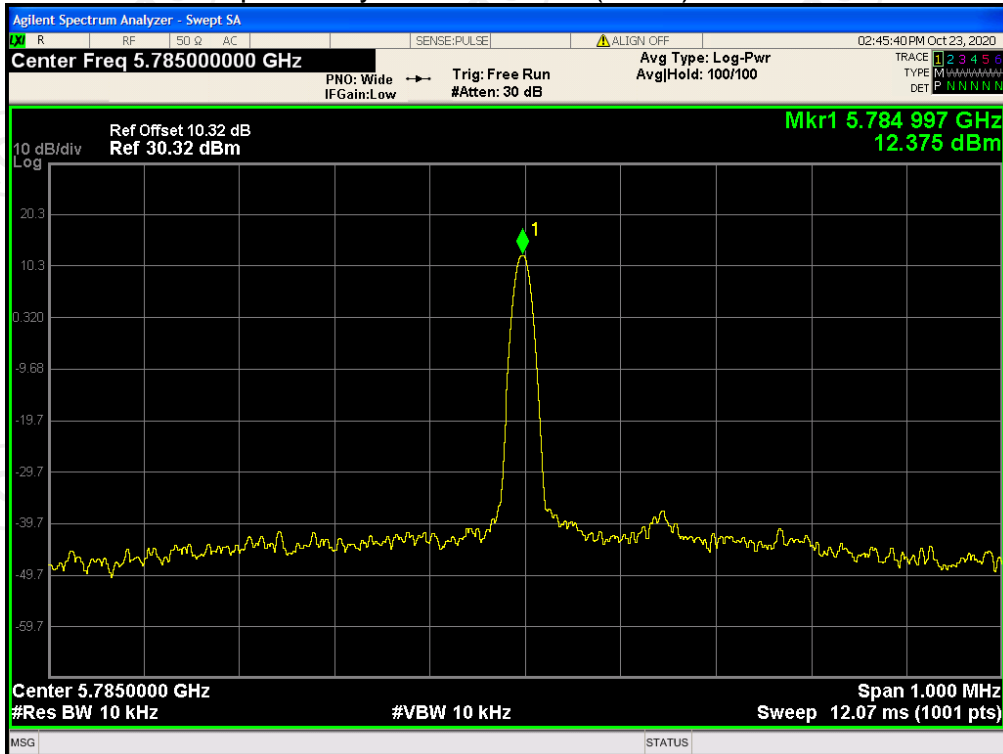
Freq. Stability NVNT 802.11ac80 5775MHz



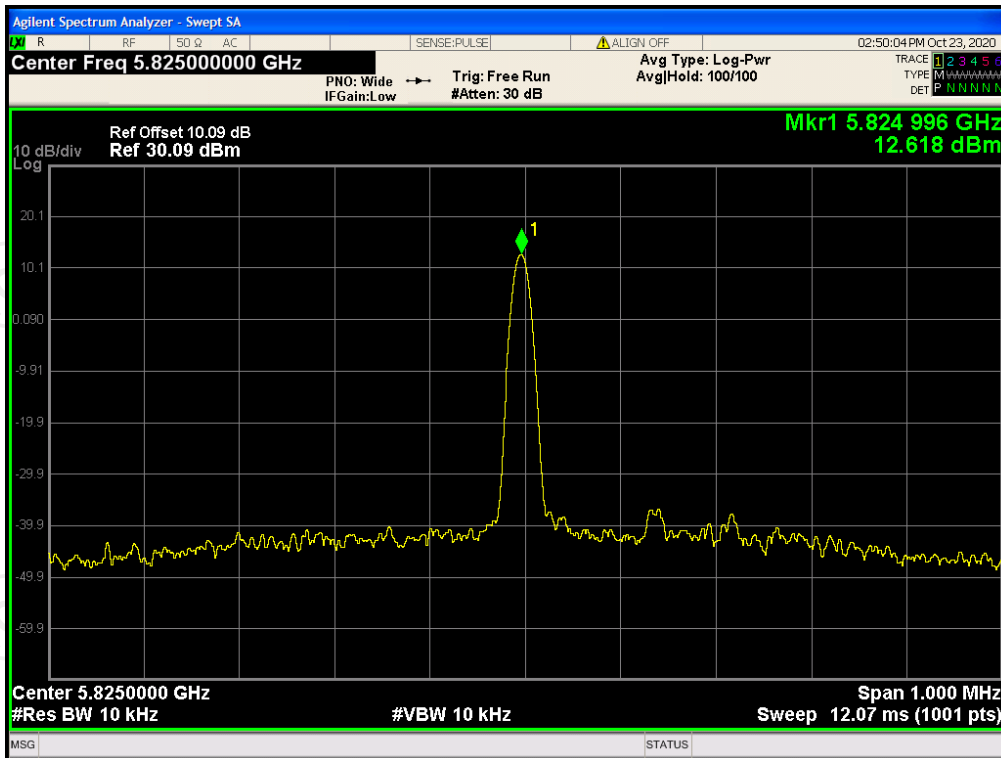
Freq. Stability NVNT 802.11n(HT20) 5745MHz



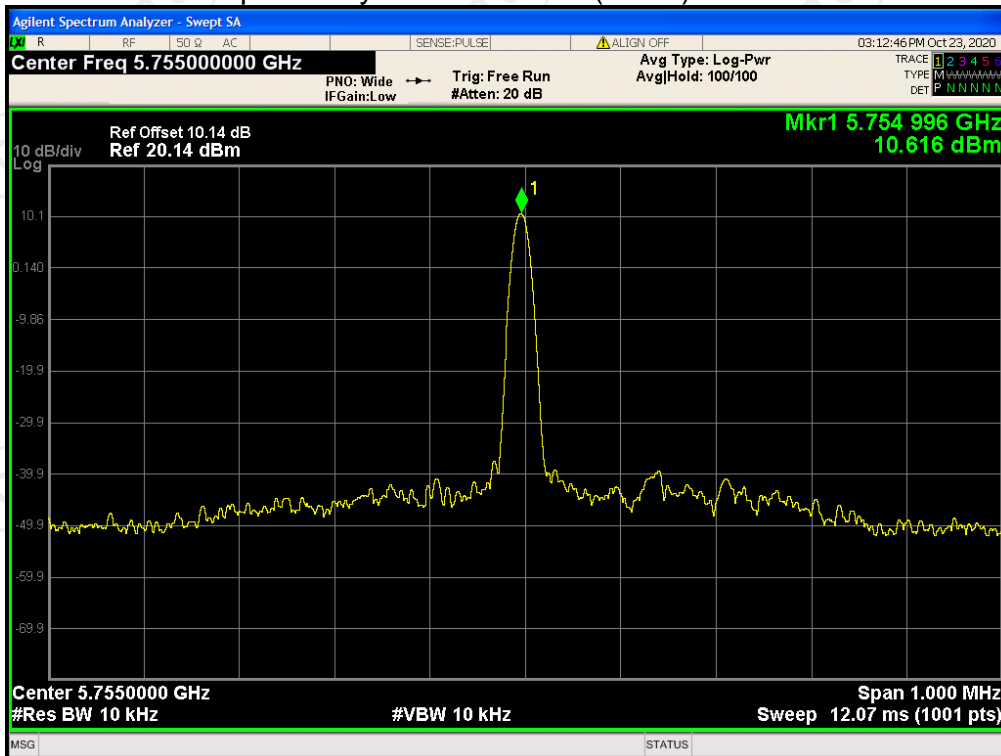
Freq. Stability NVNT 802.11n(HT20) 5785MHz



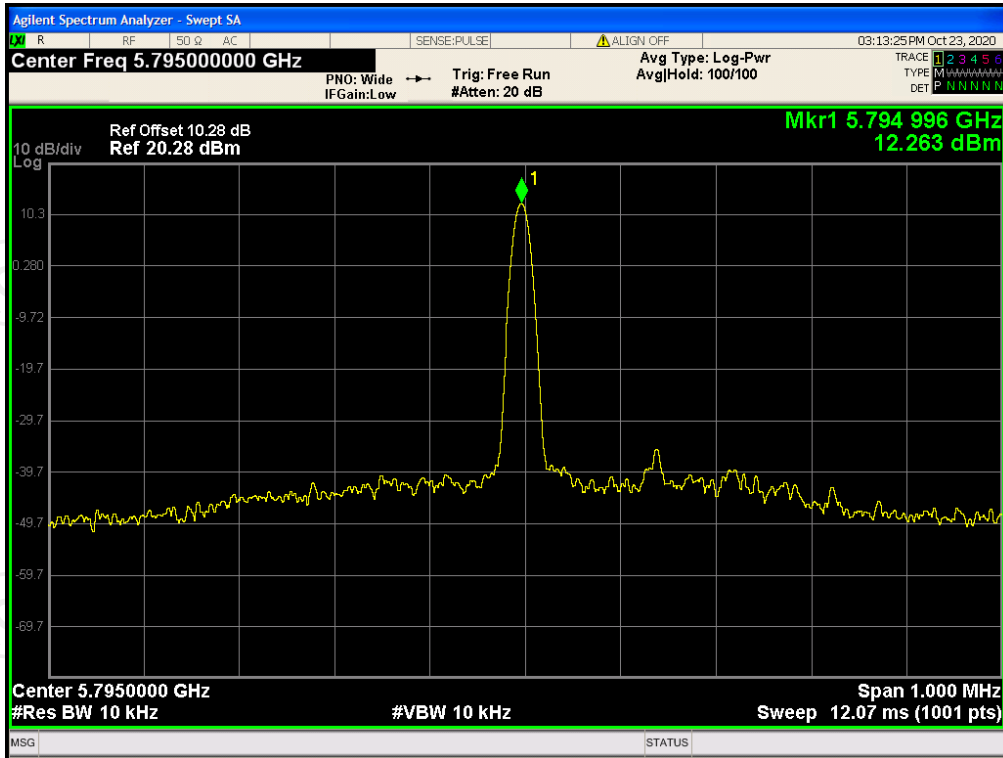
Freq. Stability NVNT 802.11n(HT20) 5825MHz



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. TCT201010E015

Appendix C: Photographs of EUT

Refer to the test report No. TCT201010E015

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