

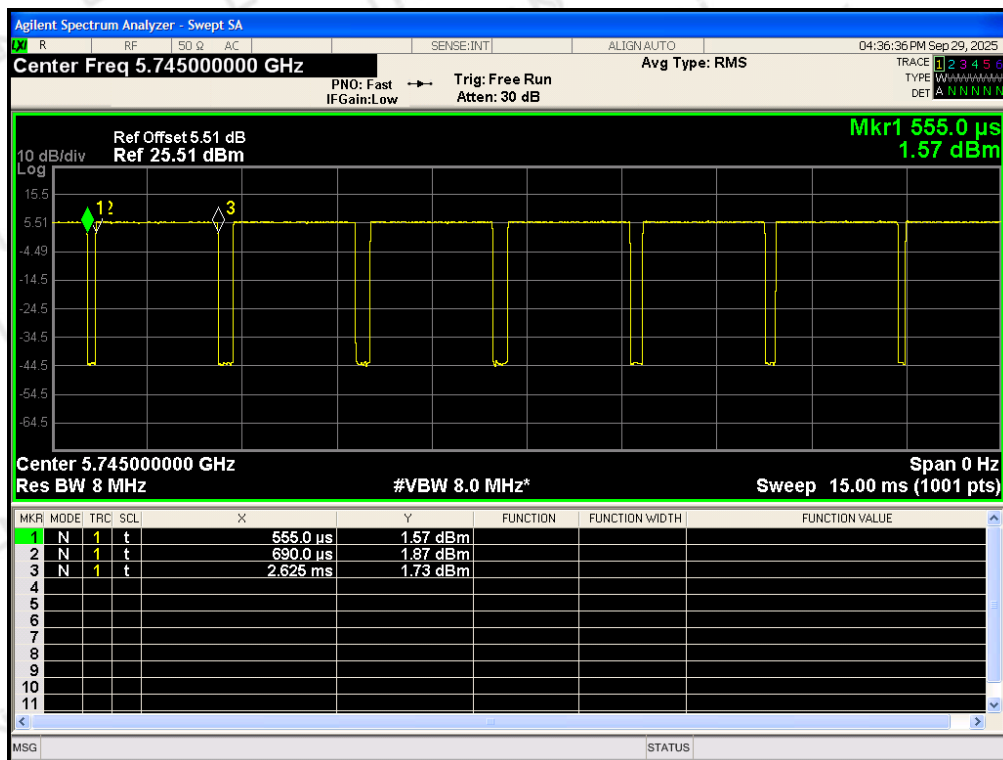
Test Report

5G WIFI B4 RF test data

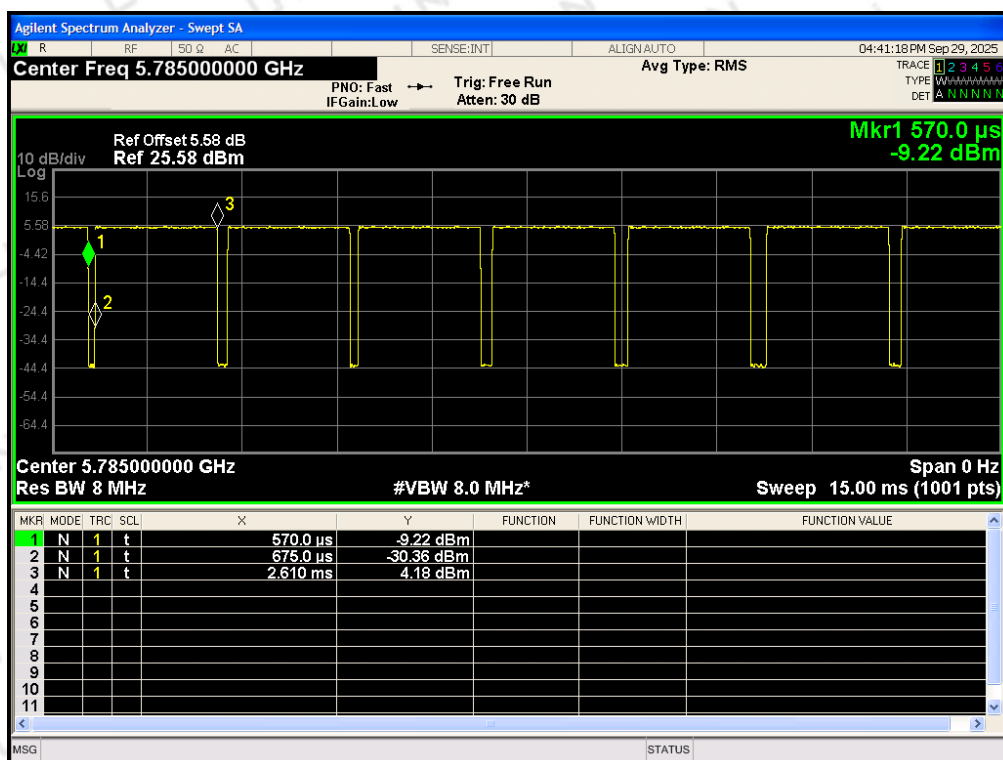
Duty Cycle

Condition	Mode	Frequency (MHz)	Duty Cycle (%)	Correction Factor (dB)
NVNT	802.11a	5745	93.48	0.29
NVNT	802.11a	5785	94.85	0.23
NVNT	802.11a	5825	88.97	0.51
NVNT	802.11ac20	5745	92.14	0.36
NVNT	802.11ac20	5785	88.97	0.51
NVNT	802.11ac20	5825	90.21	0.45
NVNT	802.11ac40	5755	81.82	0.87
NVNT	802.11ac40	5795	85.33	0.69
NVNT	802.11ac80	5775	68.89	1.62
NVNT	802.11n(HT20)	5745	94.81	0.23
NVNT	802.11n(HT20)	5785	95.52	0.2
NVNT	802.11n(HT20)	5825	92.09	0.36
NVNT	802.11n(HT40)	5755	81.82	0.87
NVNT	802.11n(HT40)	5795	79.75	0.98

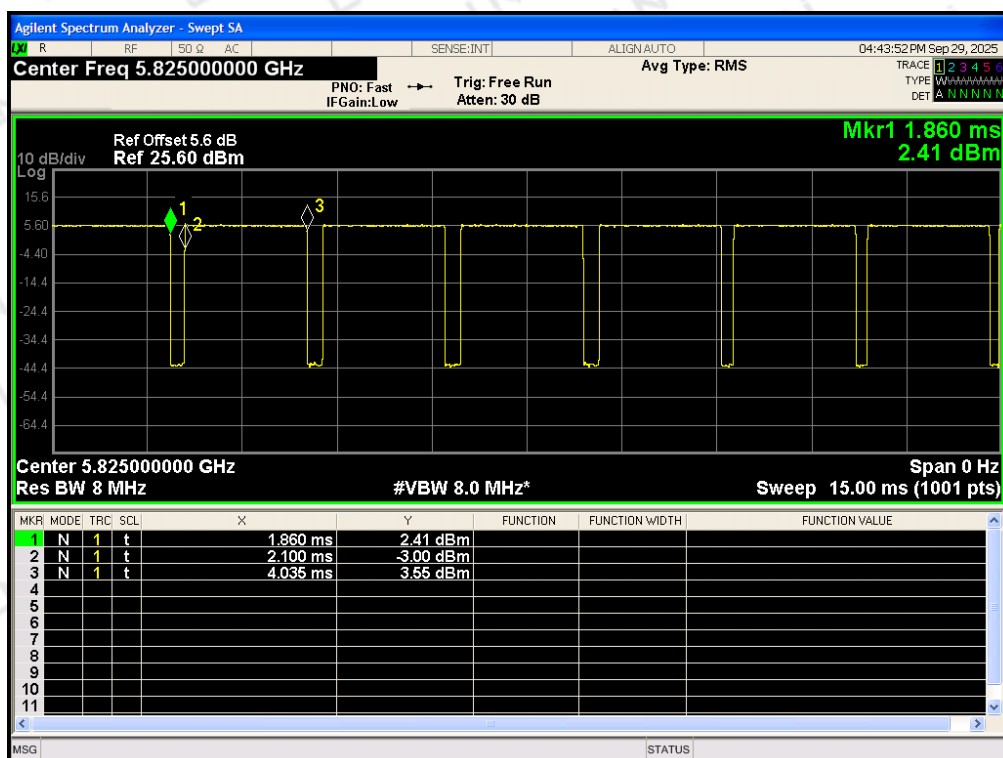
Duty Cycle NVNT 802.11a 5745MHz



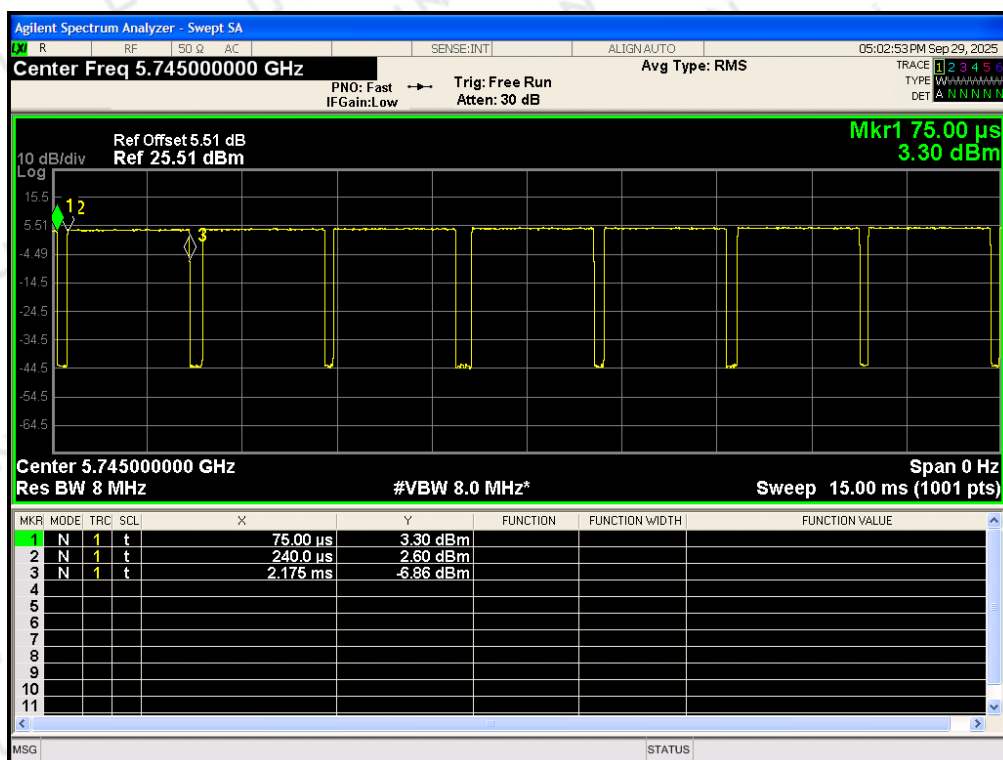
Duty Cycle NVNT 802.11a 5785MHz



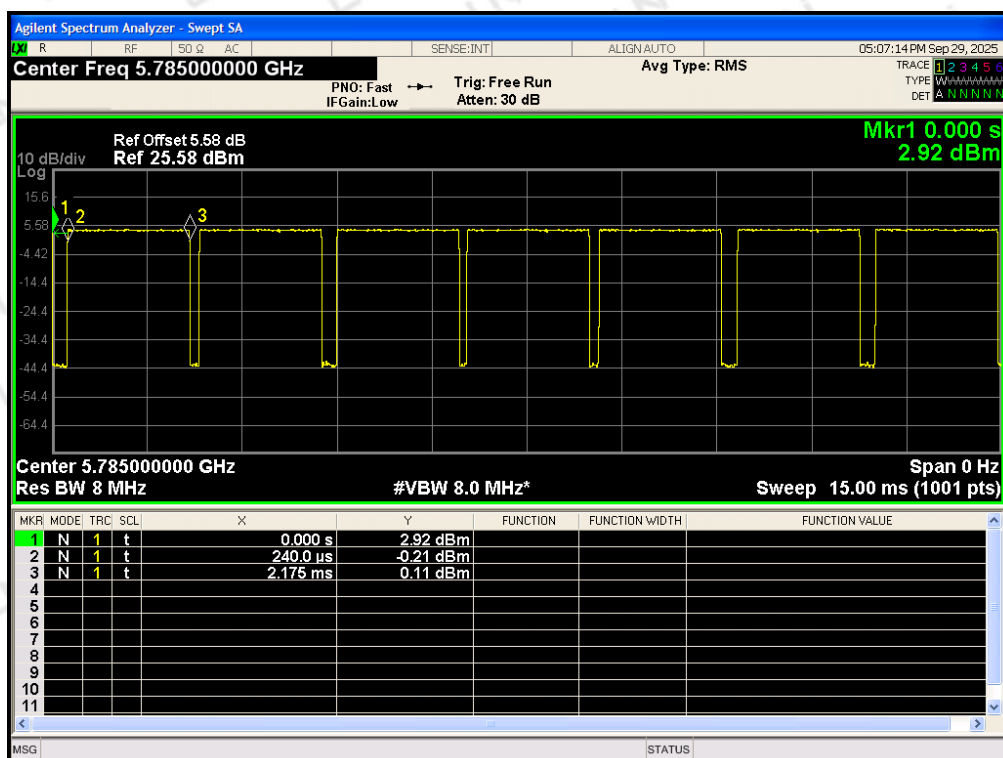
Duty Cycle NVNT 802.11a 5825MHz



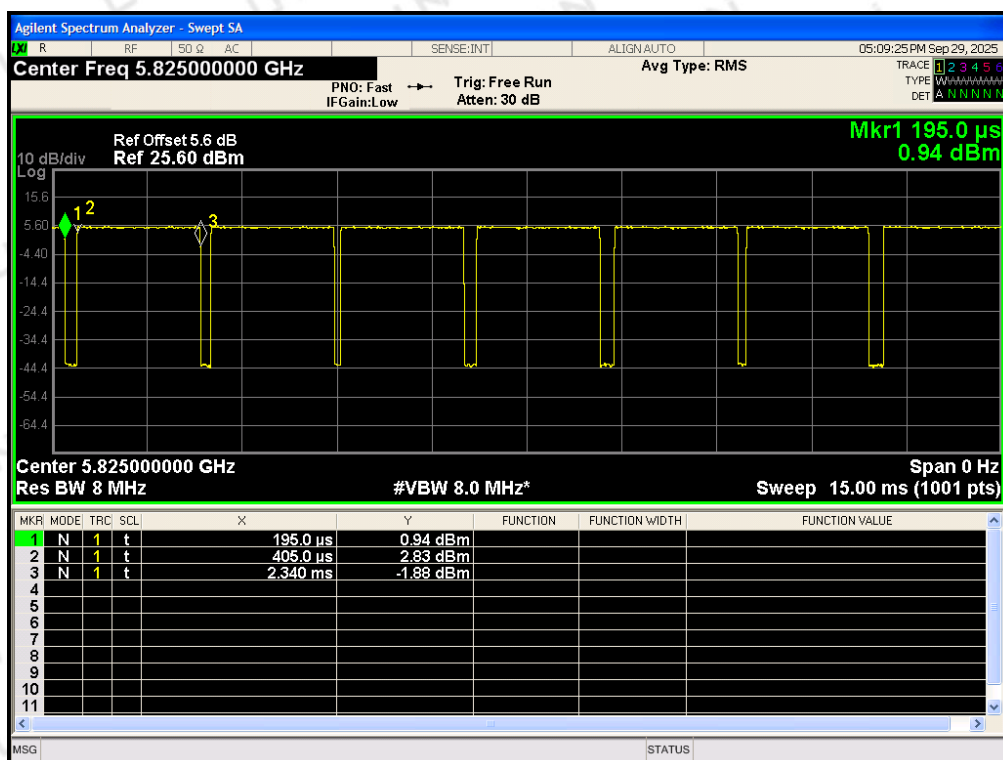
Duty Cycle NVNT 802.11ac20 5745MHz



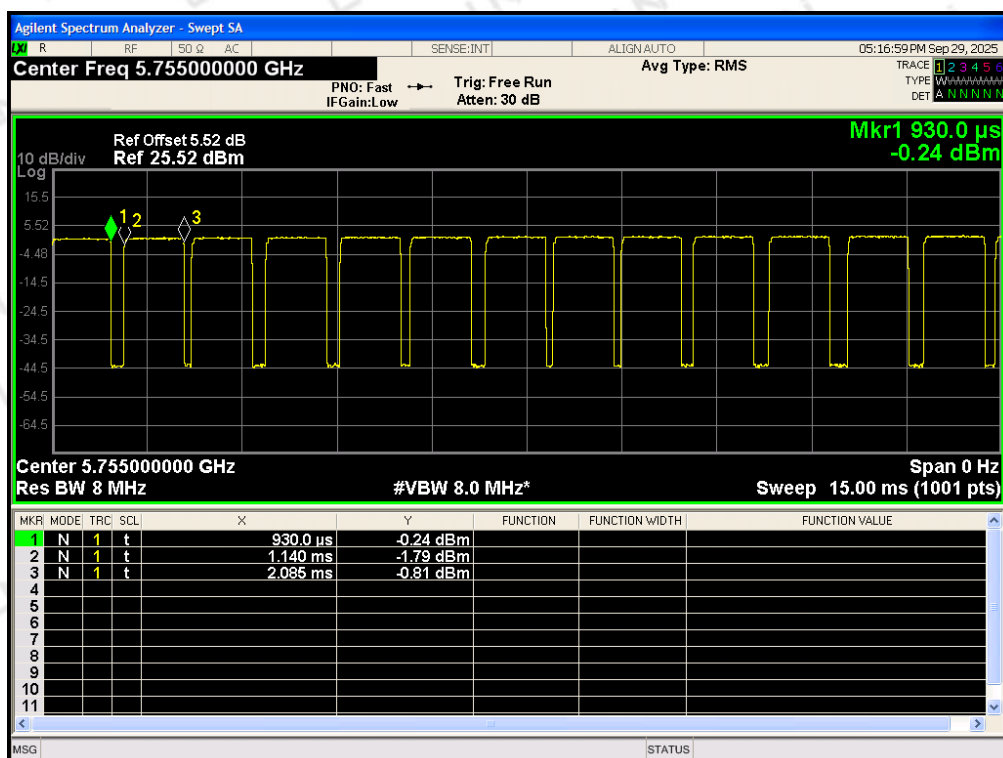
Duty Cycle NVNT 802.11ac20 5785MHz



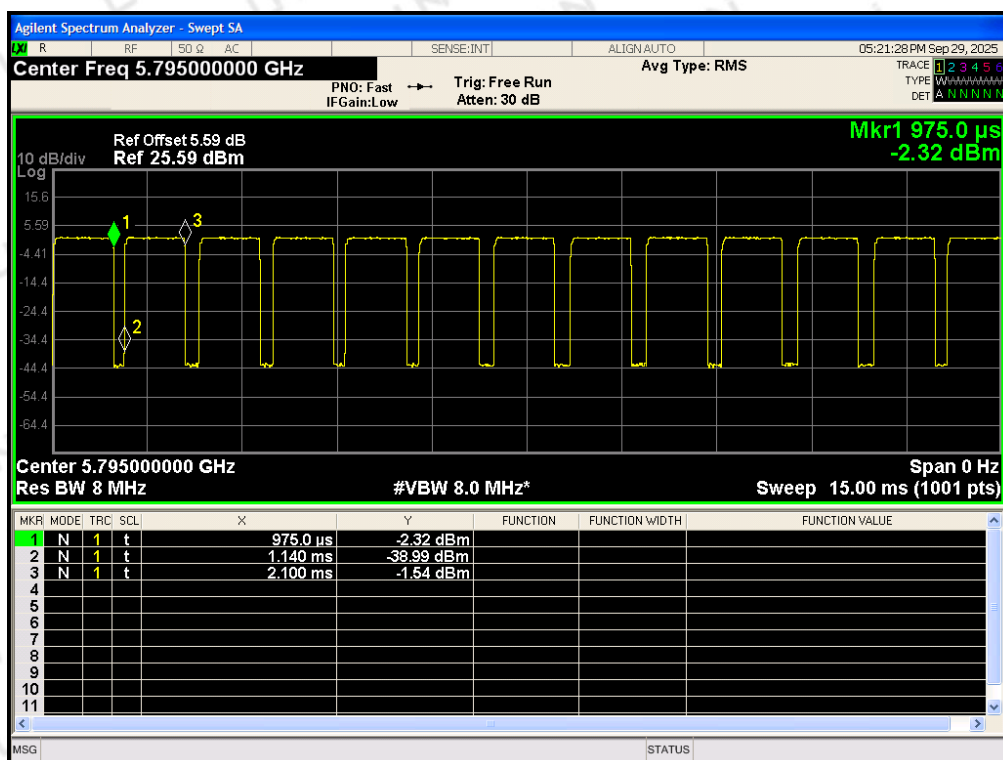
Duty Cycle NVNT 802.11ac20 5825MHz



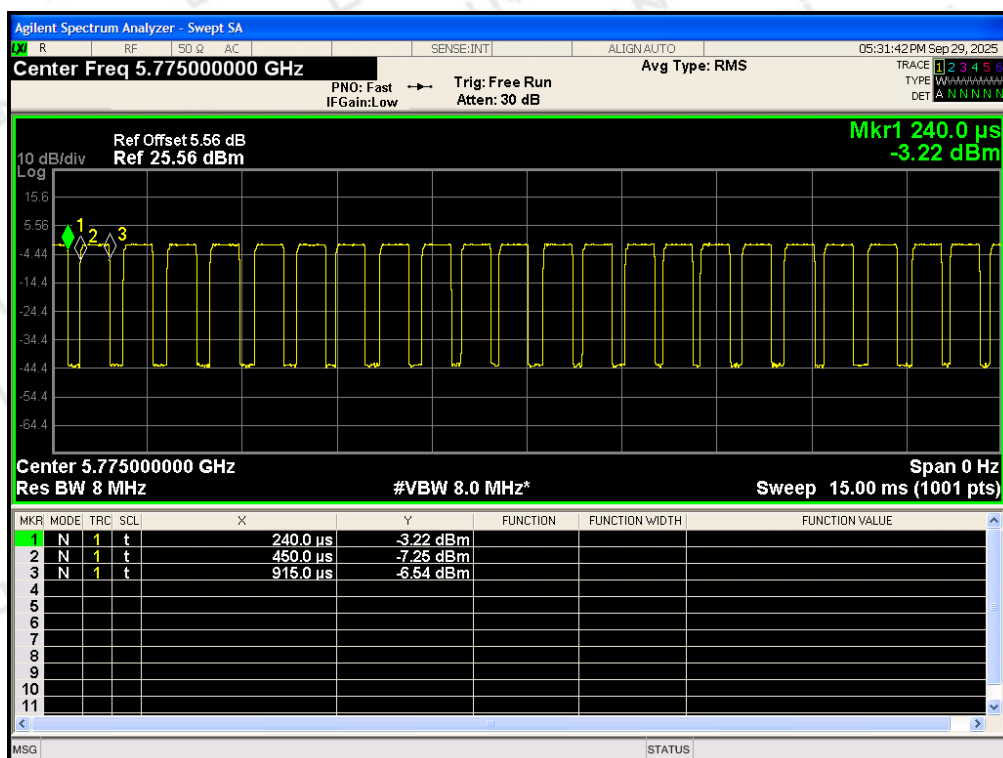
Duty Cycle NVNT 802.11ac40 5755MHz



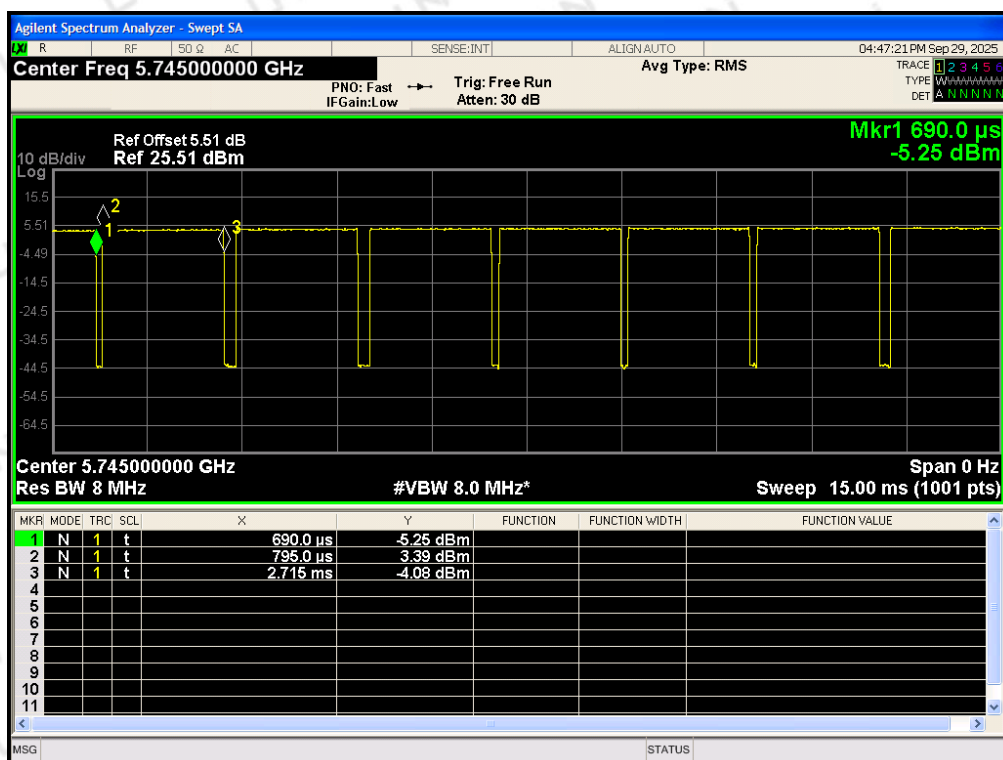
Duty Cycle NVNT 802.11ac40 5795MHz



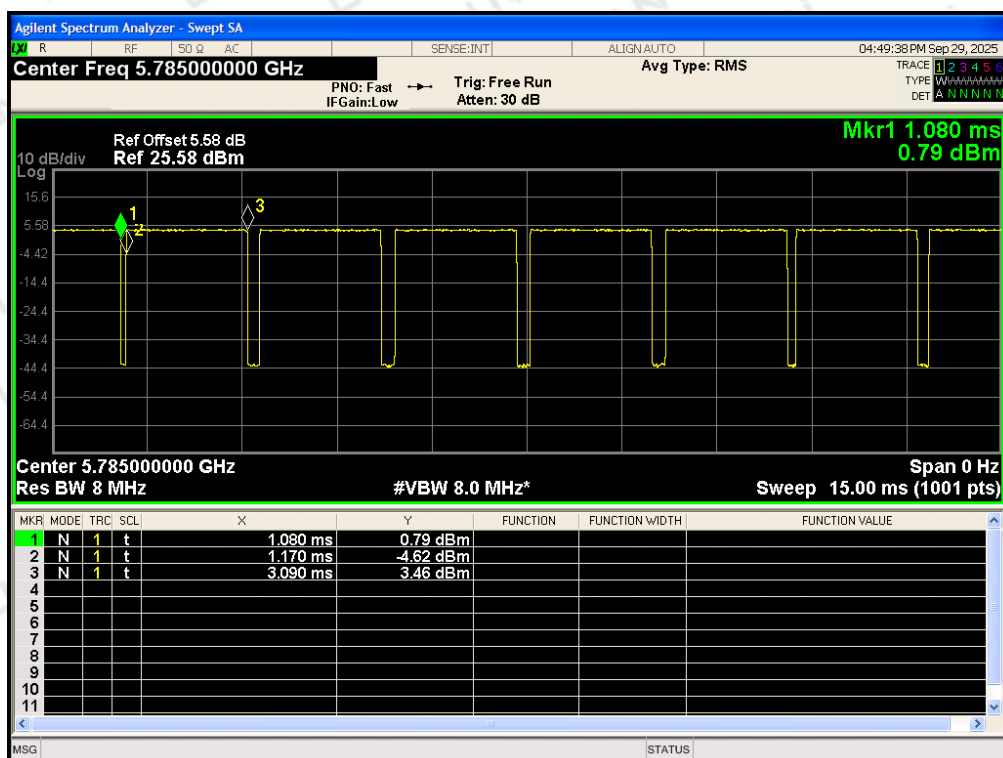
Duty Cycle NVNT 802.11ac80 5775MHz



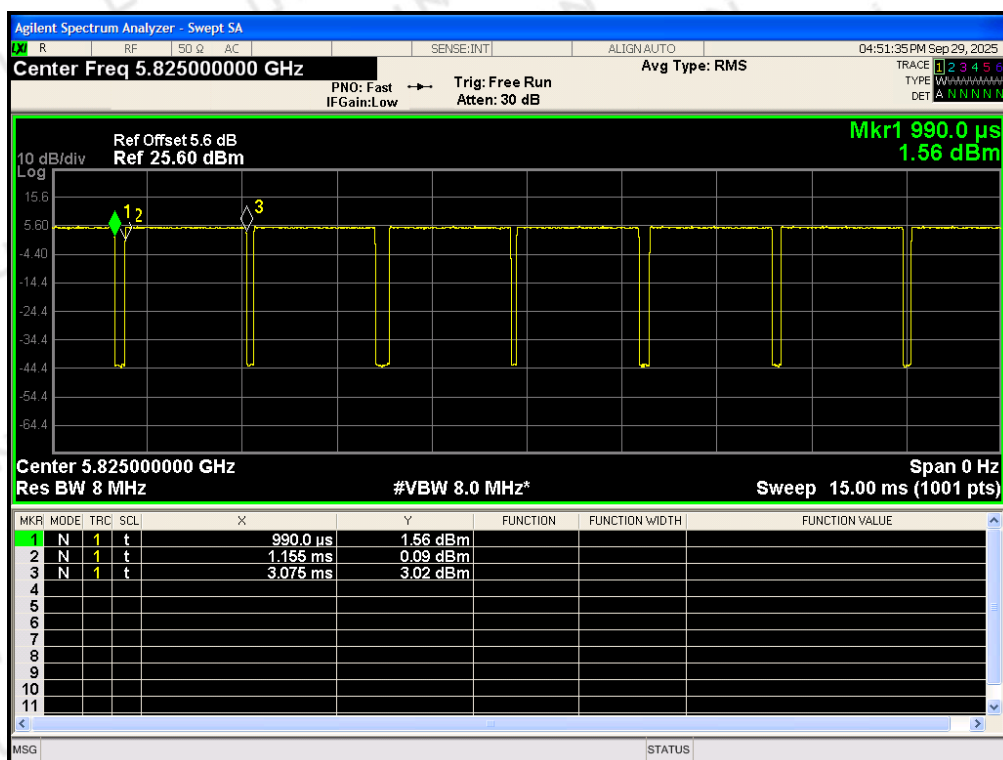
Duty Cycle NVNT 802.11n(HT20) 5745MHz



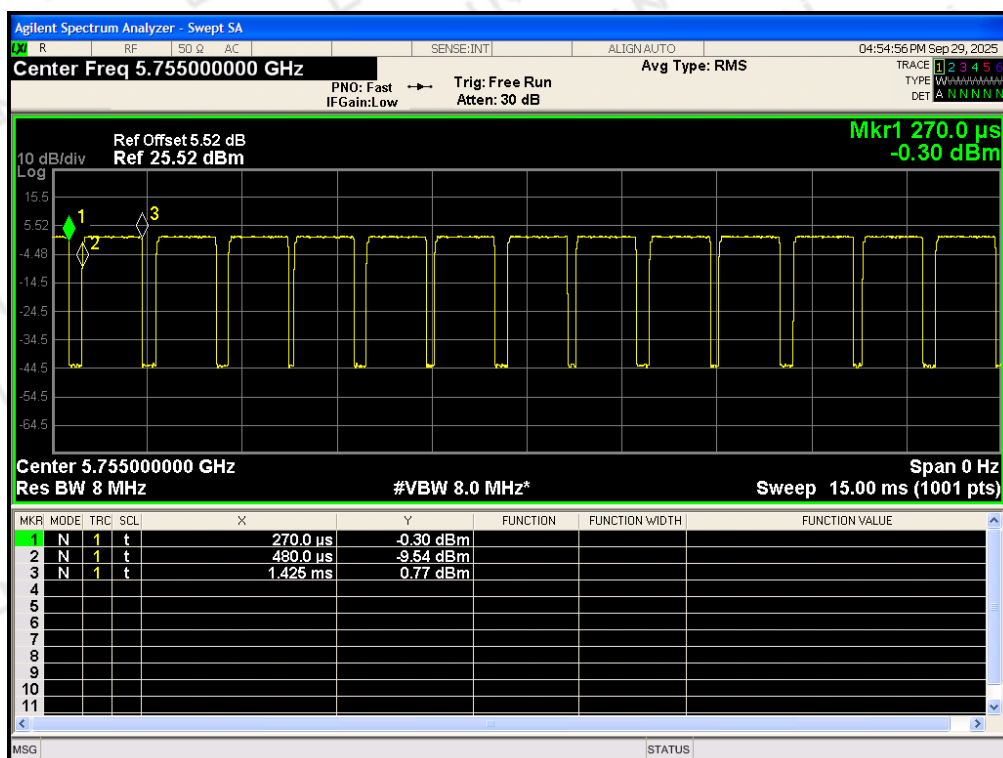
Duty Cycle NVNT 802.11n(HT20) 5785MHz



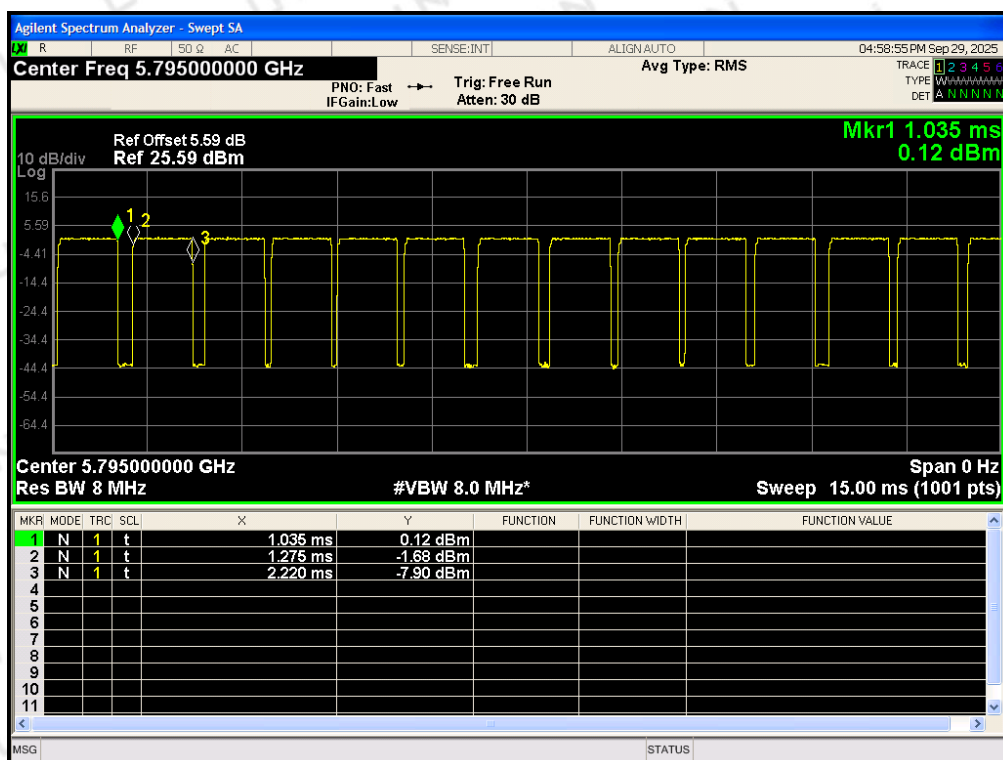
Duty Cycle NVNT 802.11n(HT20) 5825MHz



Duty Cycle NVNT 802.11n(HT40) 5755MHz



Duty Cycle NVNT 802.11n(HT40) 5795MHz

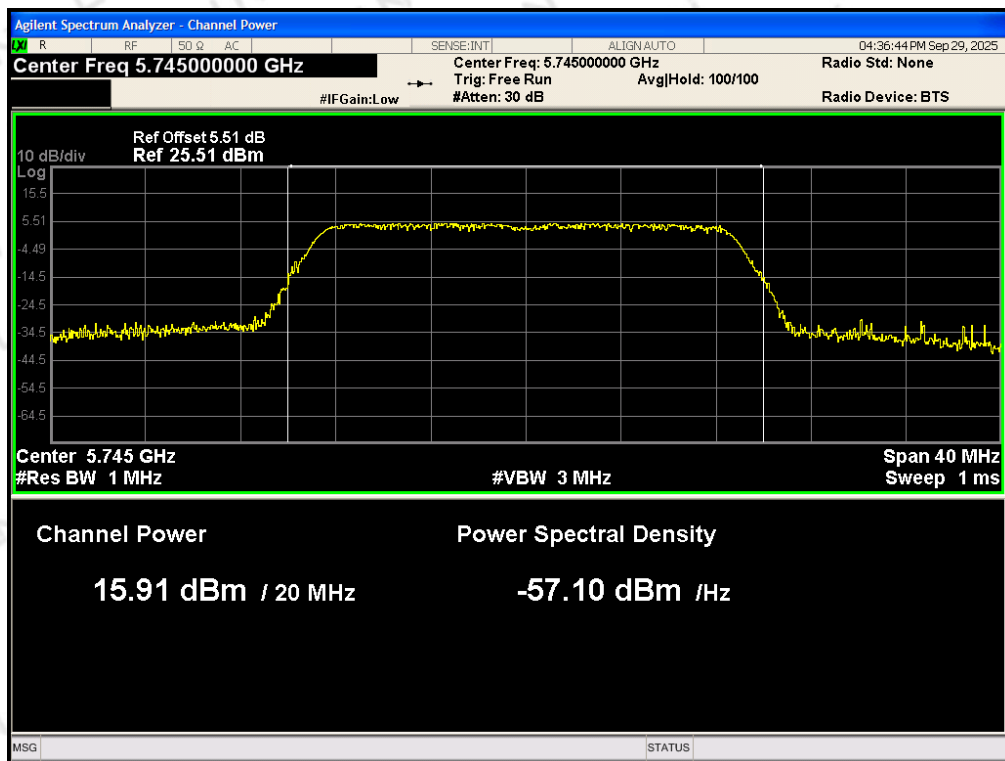


Maximum Conducted Output Power

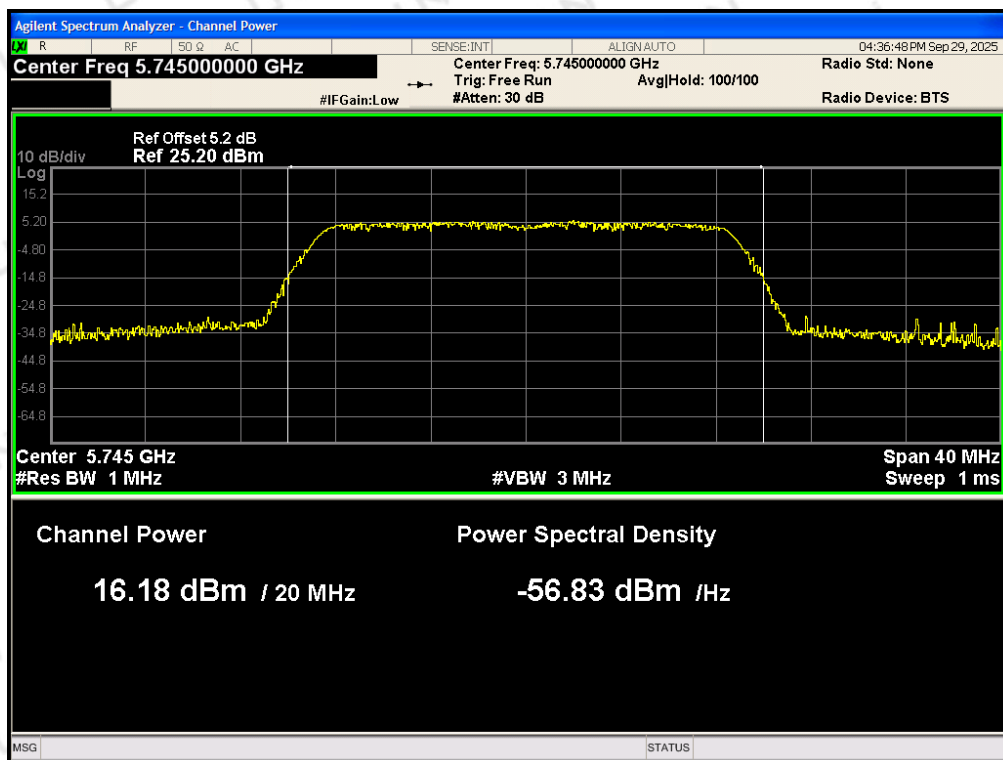
Condition	Mode	Frequency (MHz)	Antenna	Conducted Power (dBm)	Duty Factor (dB)	Total Power (dBm)	Limit (dBm)	Verdict
NVNT	802.11a	5745	Ant 1	15.909	0.29	16.199	30	Pass
NVNT	802.11a	5745	Ant 2	16.176	0.29	16.466	30	Pass
NVNT	802.11a	5745	Total	19.055	0.29	19.345	30	Pass
NVNT	802.11a	5785	Ant 1	14.906	0.23	15.136	30	Pass
NVNT	802.11a	5785	Ant 2	16.297	0.23	16.527	30	Pass
NVNT	802.11a	5785	Total	18.667	0.23	18.897	30	Pass
NVNT	802.11a	5825	Ant 1	15.483	0.51	15.993	30	Pass
NVNT	802.11a	5825	Ant 2	15.805	0.51	16.315	30	Pass
NVNT	802.11a	5825	Total	18.657	0.51	19.167	30	Pass
NVNT	802.11ac20	5745	Ant 1	14.8	0.36	15.160	30	Pass
NVNT	802.11ac20	5745	Ant 2	15.16	0.36	15.520	30	Pass
NVNT	802.11ac20	5745	Total	17.994	0.36	18.354	30	Pass
NVNT	802.11ac20	5785	Ant 1	14.279	0.51	14.789	30	Pass
NVNT	802.11ac20	5785	Ant 2	15.694	0.51	16.204	30	Pass
NVNT	802.11ac20	5785	Total	18.054	0.51	18.564	30	Pass
NVNT	802.11ac20	5825	Ant 1	15.13	0.45	15.580	30	Pass
NVNT	802.11ac20	5825	Ant 2	15.48	0.45	15.930	30	Pass
NVNT	802.11ac20	5825	Total	18.319	0.45	18.769	30	Pass
NVNT	802.11ac40	5755	Ant 1	15.348	0.87	16.218	30	Pass
NVNT	802.11ac40	5755	Ant 2	15.886	0.87	16.756	30	Pass
NVNT	802.11ac40	5755	Total	18.636	0.87	19.506	30	Pass
NVNT	802.11ac40	5795	Ant 1	14.756	0.69	15.446	30	Pass
NVNT	802.11ac40	5795	Ant 2	15.921	0.69	16.611	30	Pass
NVNT	802.11ac40	5795	Total	18.388	0.69	19.078	30	Pass
NVNT	802.11ac80	5775	Ant 1	17.145	1.62	18.765	30	Pass
NVNT	802.11ac80	5775	Ant 2	17.913	1.62	19.533	30	Pass
NVNT	802.11ac80	5775	Total	20.556	1.62	22.176	30	Pass
NVNT	802.11n(HT20)	5745	Ant 1	14.758	0.23	14.988	30	Pass
NVNT	802.11n(HT20)	5745	Ant 2	15.187	0.23	15.417	30	Pass
NVNT	802.11n(HT20)	5745	Total	17.988	0.23	18.218	30	Pass
NVNT	802.11n(HT20)	5785	Ant 1	13.994	0.2	14.194	30	Pass
NVNT	802.11n(HT20)	5785	Ant 2	15.379	0.2	15.579	30	Pass
NVNT	802.11n(HT20)	5785	Total	17.752	0.2	17.952	30	Pass
NVNT	802.11n(HT20)	5825	Ant 1	14.887	0.36	15.247	30	Pass

NVNT	802.11n(HT20)	5825	Ant 2	15.351	0.36	15.711	30	Pass
NVNT	802.11n(HT20)	5825	Total	18.135	0.36	18.495	30	Pass
NVNT	802.11n(HT40)	5755	Ant 1	15.398	0.87	16.268	30	Pass
NVNT	802.11n(HT40)	5755	Ant 2	15.926	0.87	16.796	30	Pass
NVNT	802.11n(HT40)	5755	Total	18.68	0.87	19.550	30	Pass
NVNT	802.11n(HT40)	5795	Ant 1	14.777	0.98	15.757	30	Pass
NVNT	802.11n(HT40)	5795	Ant 2	15.889	0.98	16.869	30	Pass
NVNT	802.11n(HT40)	5795	Total	18.379	0.98	19.359	30	Pass

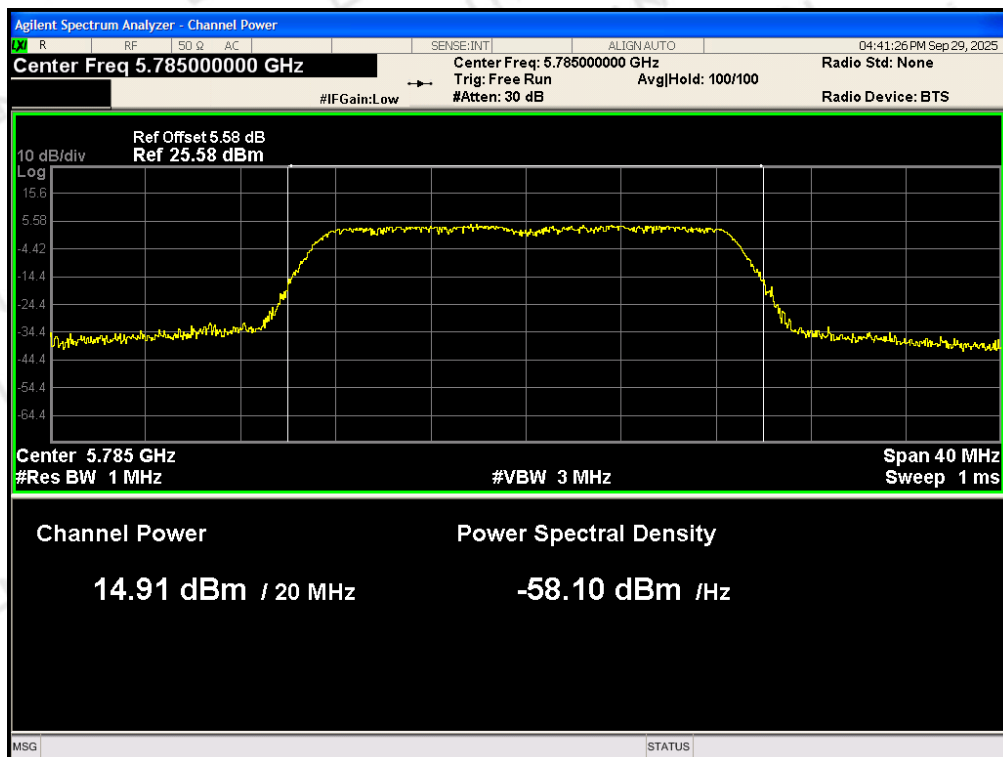
Power NVNT 802.11a 5745MHz Ant1



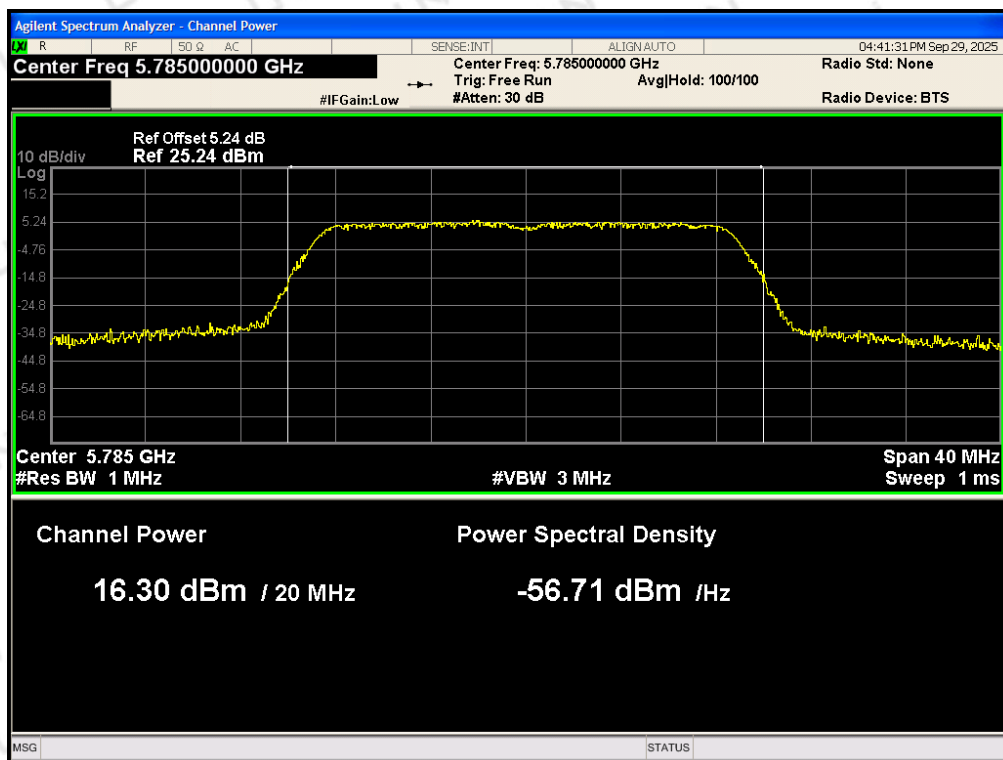
Power NVNT 802.11a 5745MHz Ant2



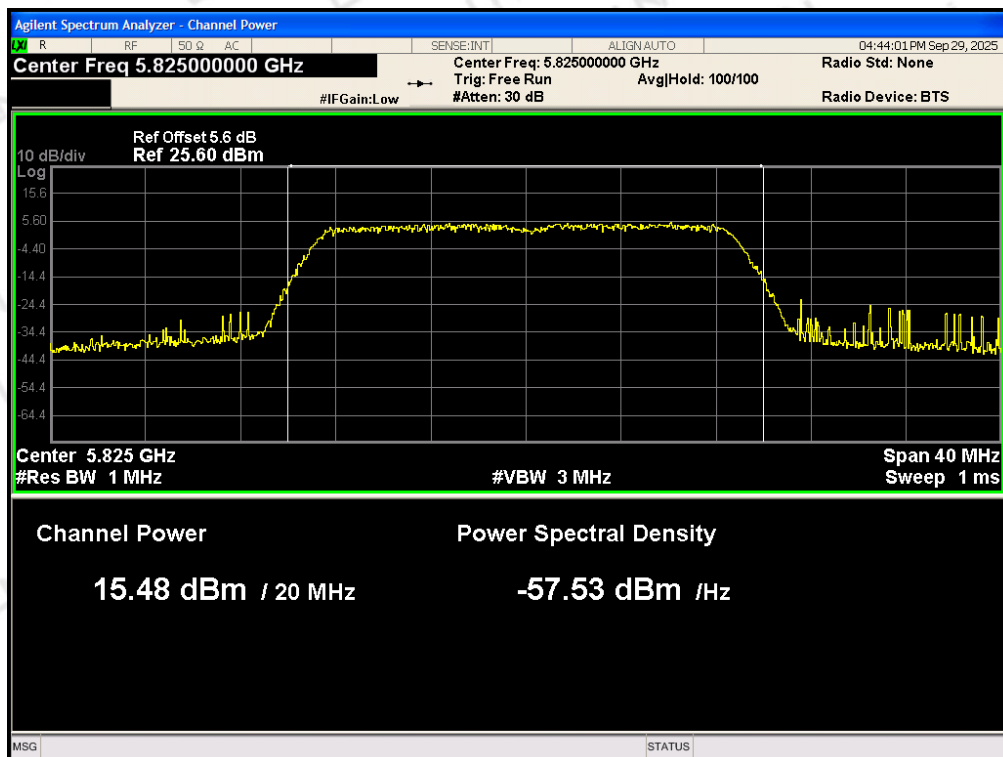
Power NVNT 802.11a 5785MHz Ant1



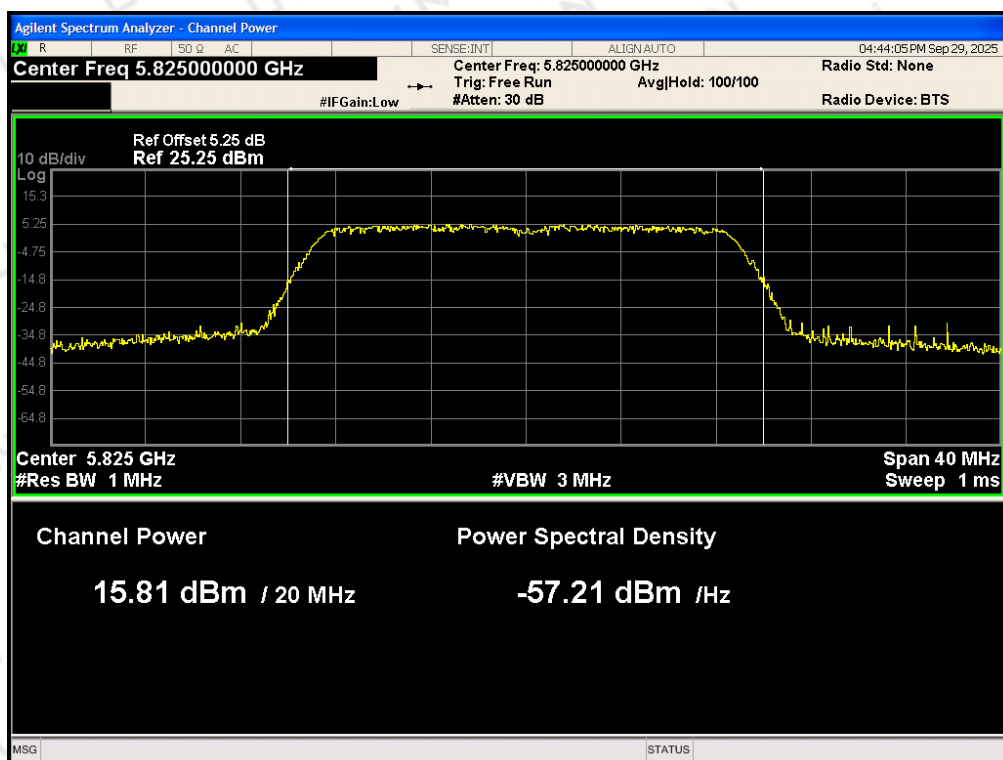
Power NVNT 802.11a 5785MHz Ant2



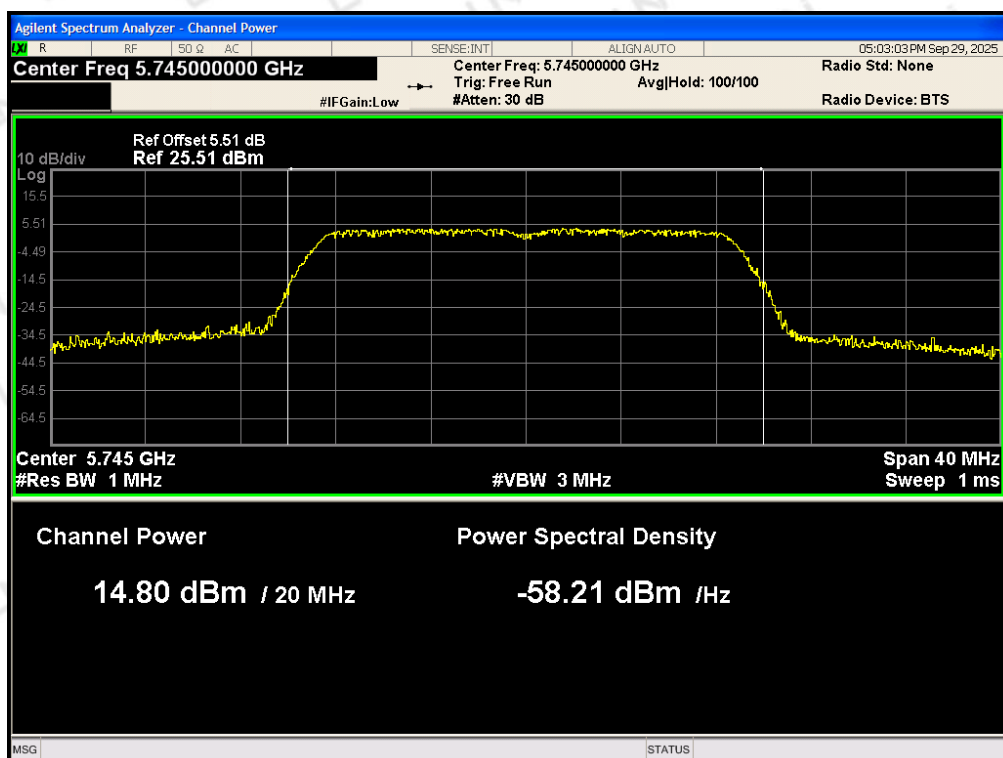
Power NVNT 802.11a 5825MHz Ant1



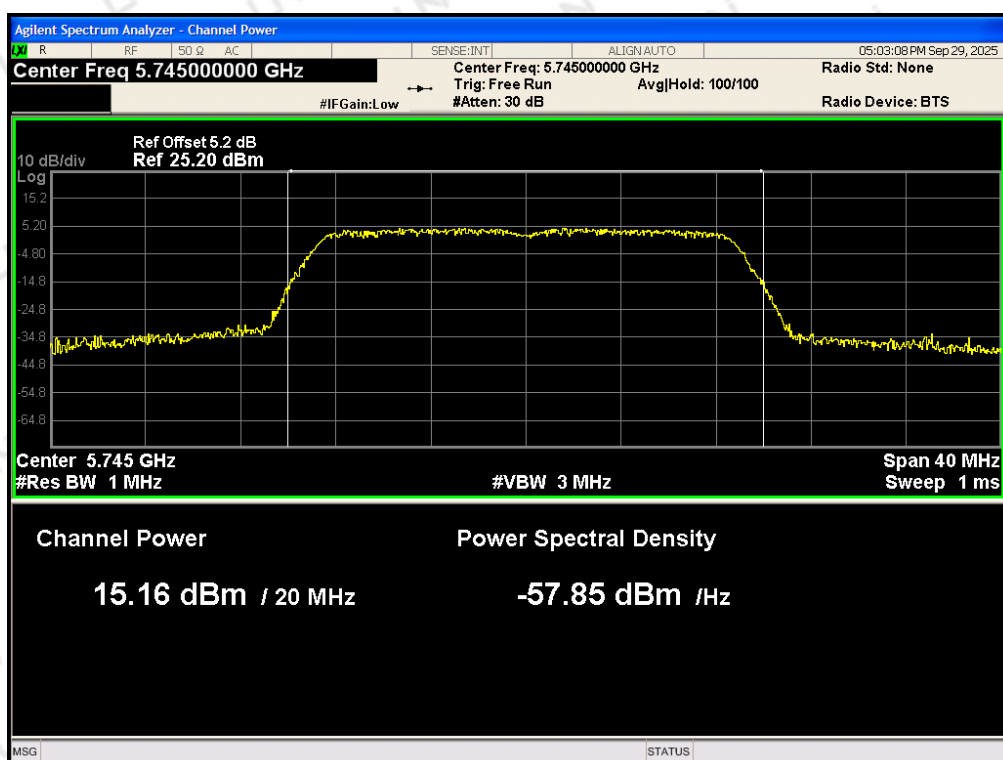
Power NVNT 802.11a 5825MHz Ant2



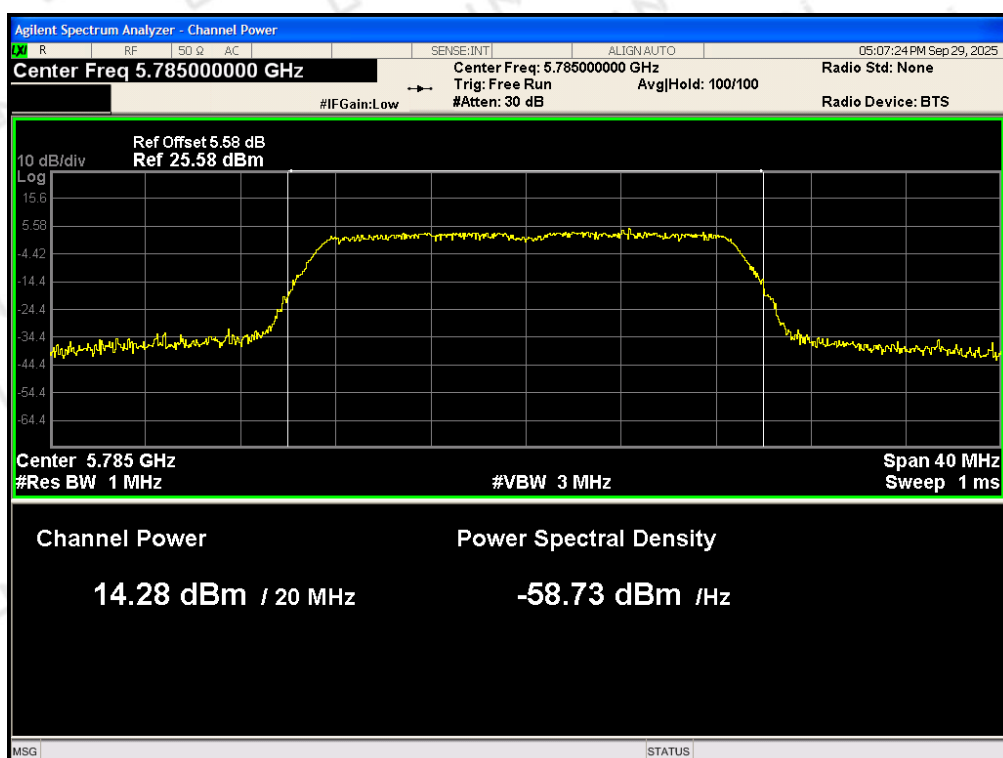
Power NVNT 802.11ac20 5745MHz Ant1



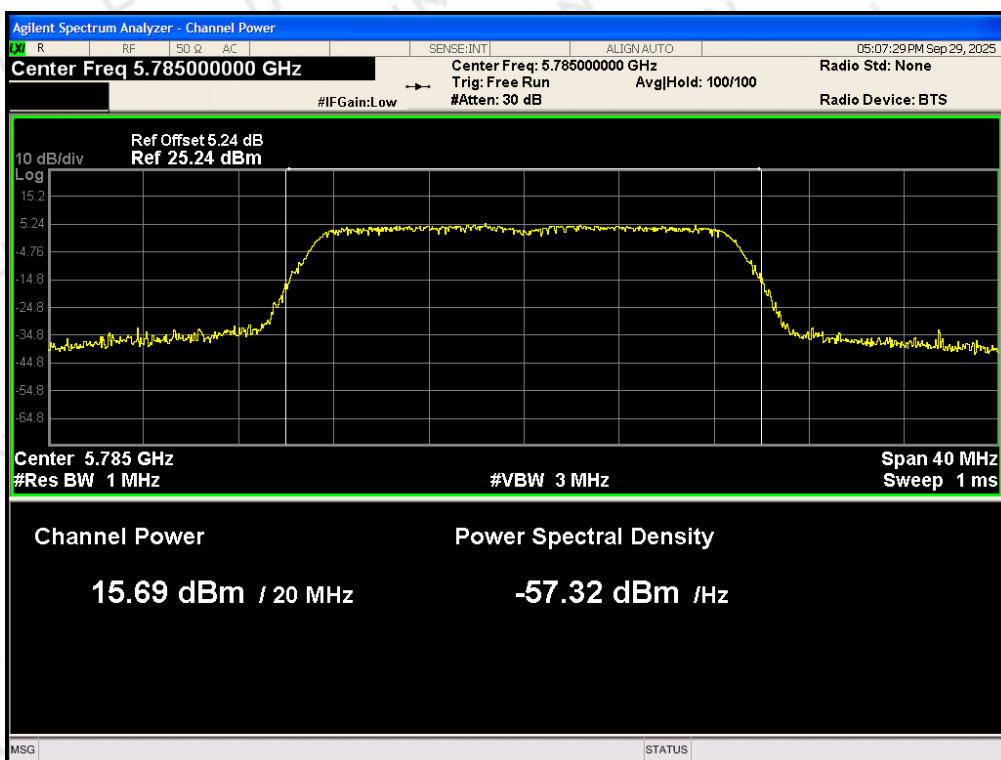
Power NVNT 802.11ac20 5745MHz Ant2



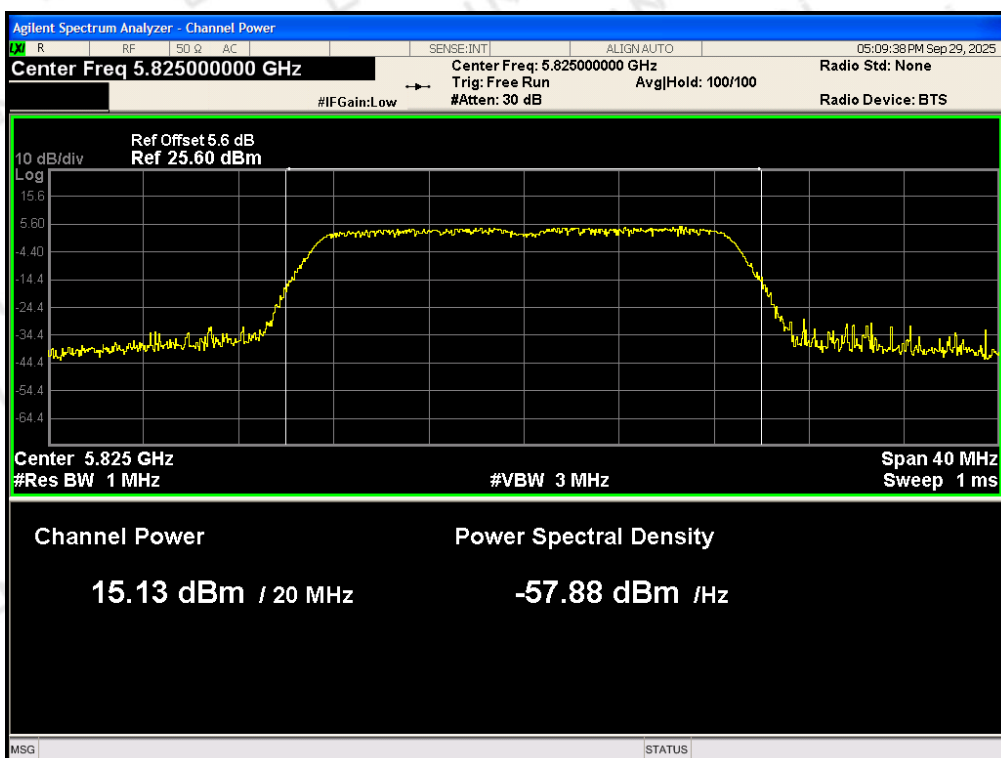
Power NVNT 802.11ac20 5785MHz Ant1



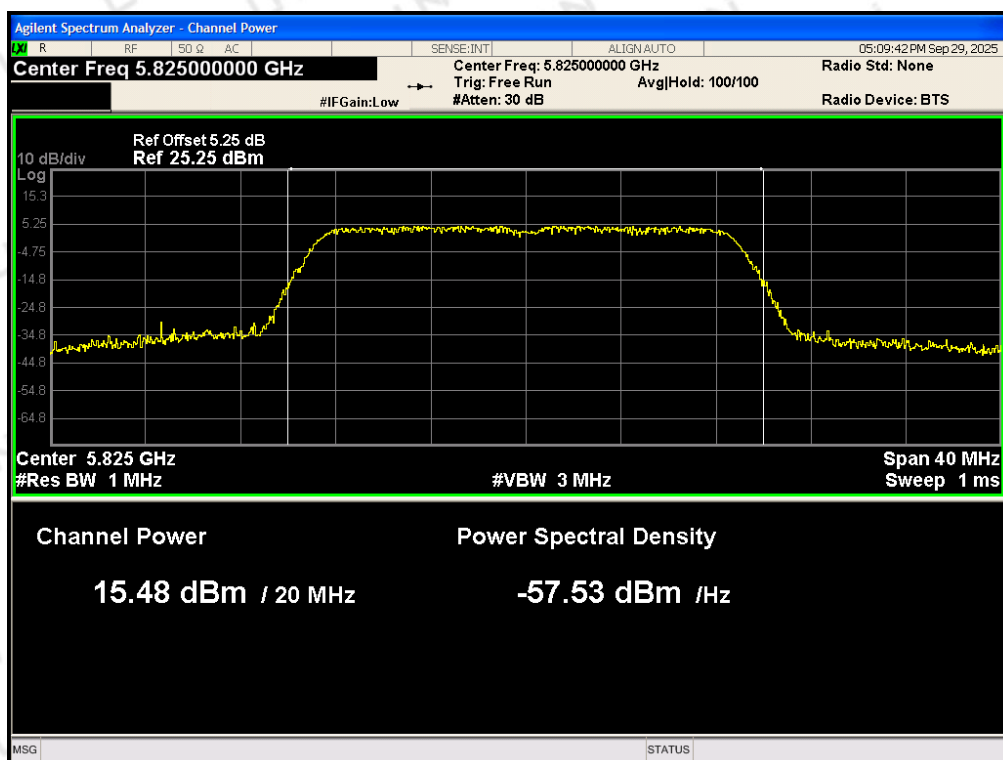
Power NVNT 802.11ac20 5785MHz Ant2



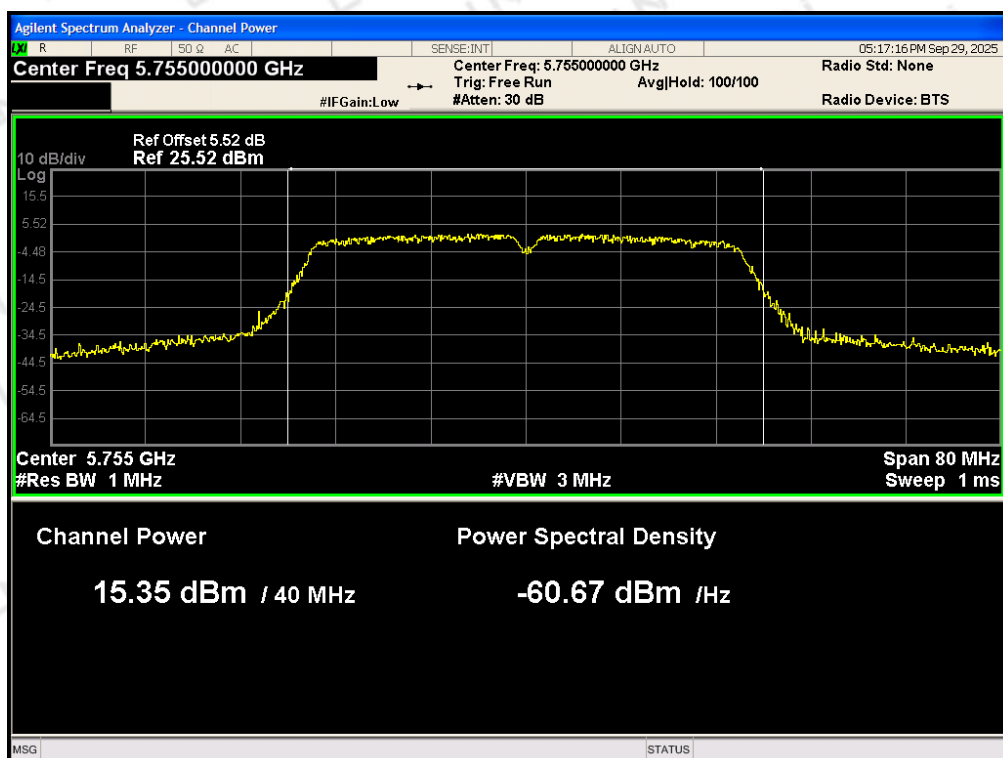
Power NVNT 802.11ac20 5825MHz Ant1



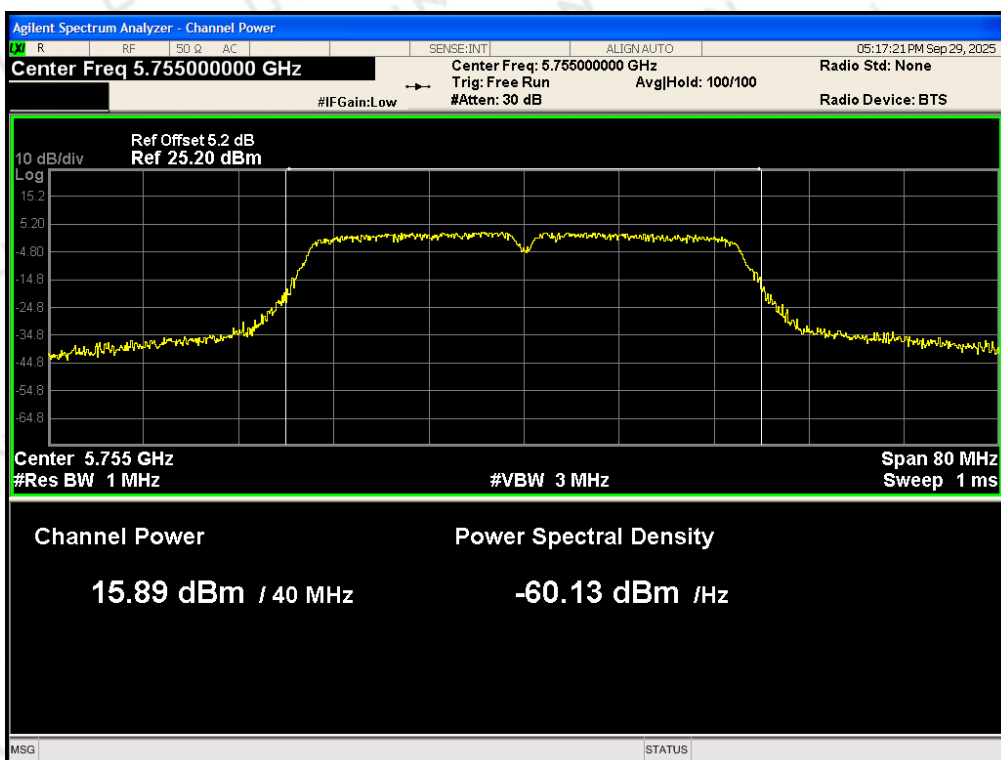
Power NVNT 802.11ac20 5825MHz Ant2



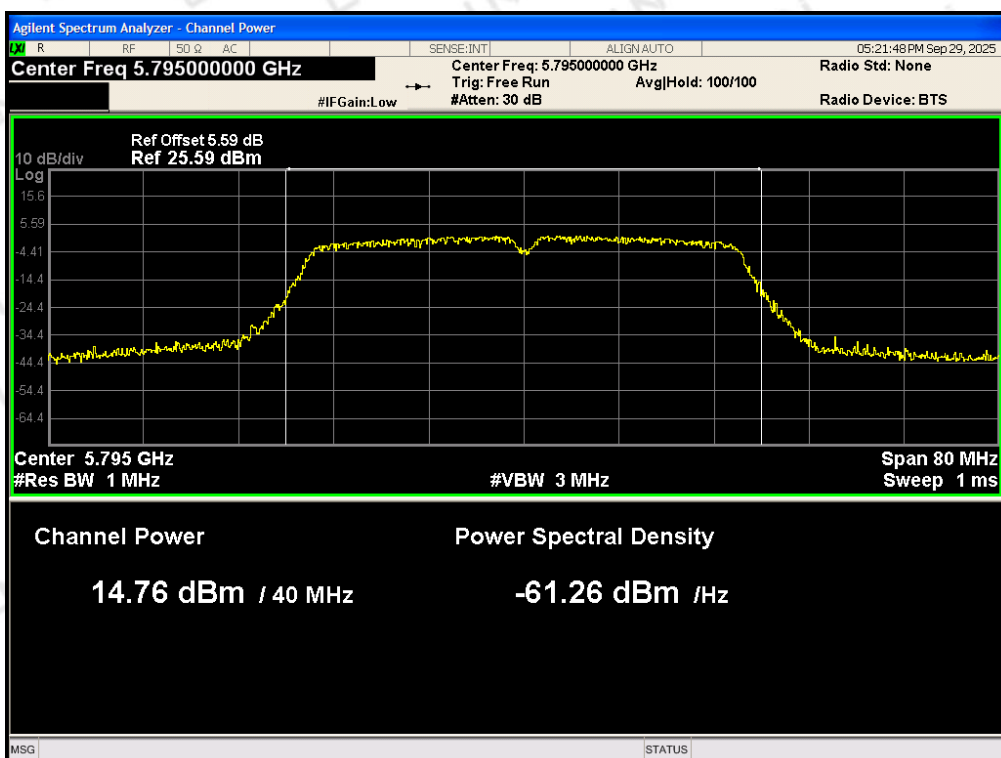
Power NVNT 802.11ac40 5755MHz Ant1



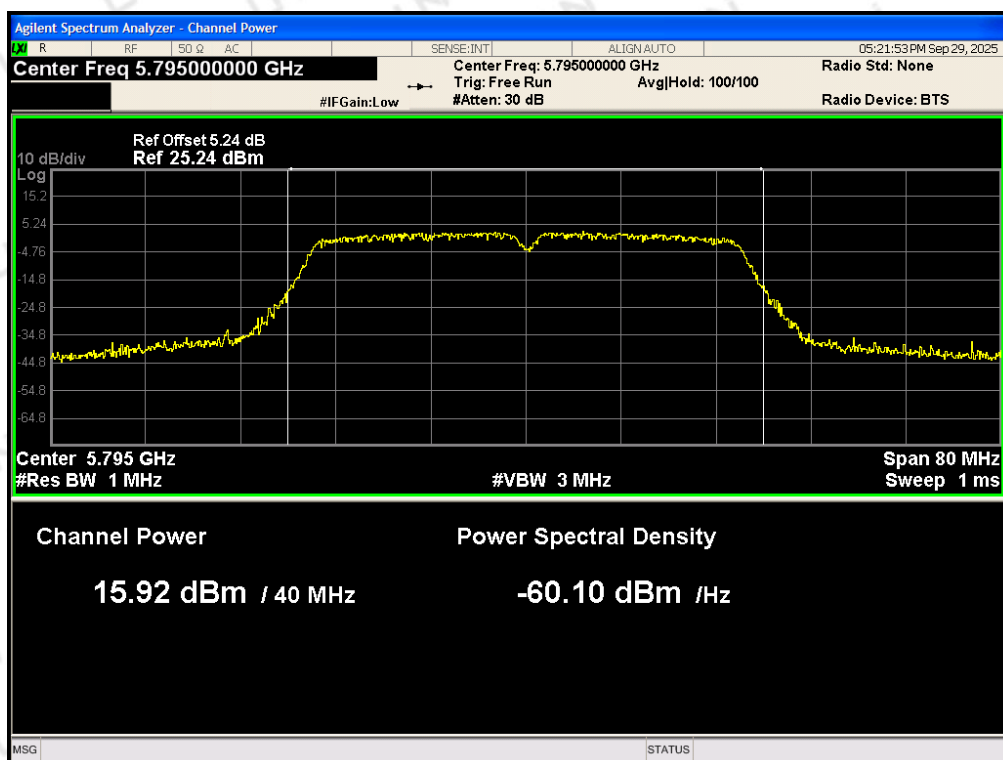
Power NVNT 802.11ac40 5755MHz Ant2



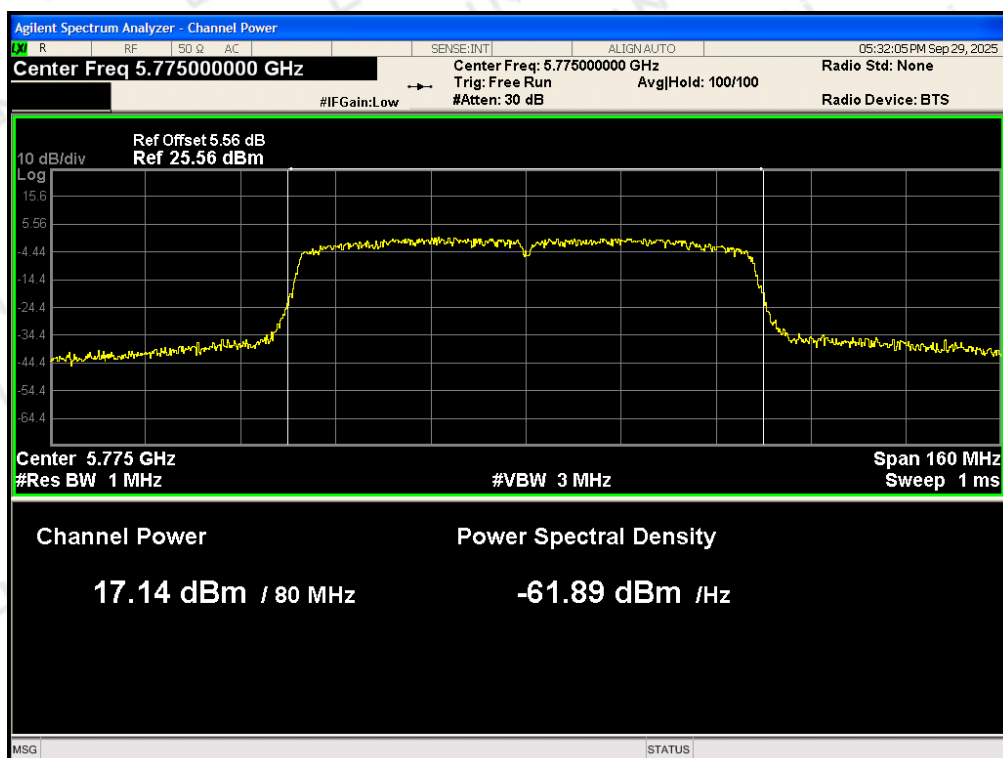
Power NVNT 802.11ac40 5795MHz Ant1



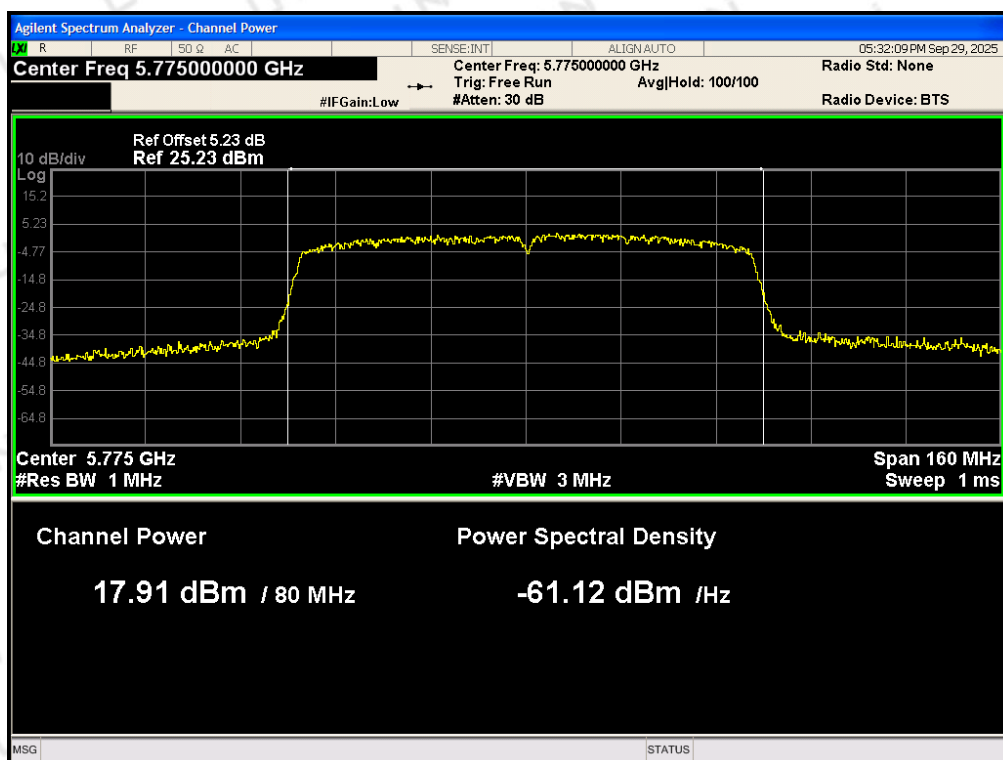
Power NVNT 802.11ac40 5795MHz Ant2



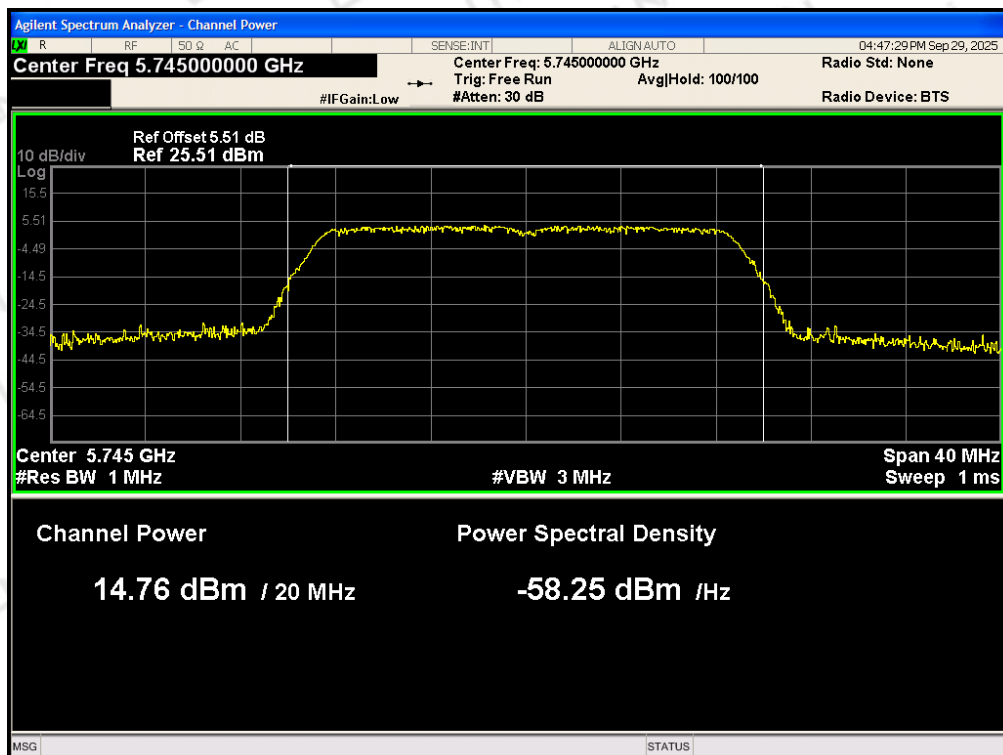
Power NVNT 802.11ac80 5775MHz Ant1



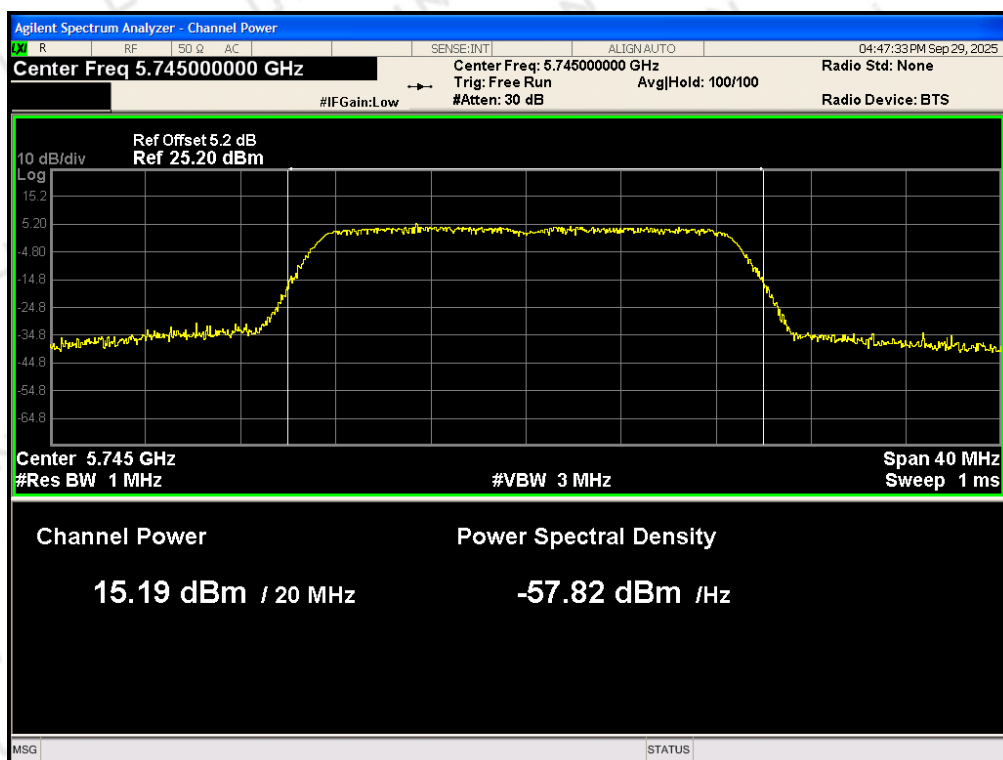
Power NVNT 802.11ac80 5775MHz Ant2



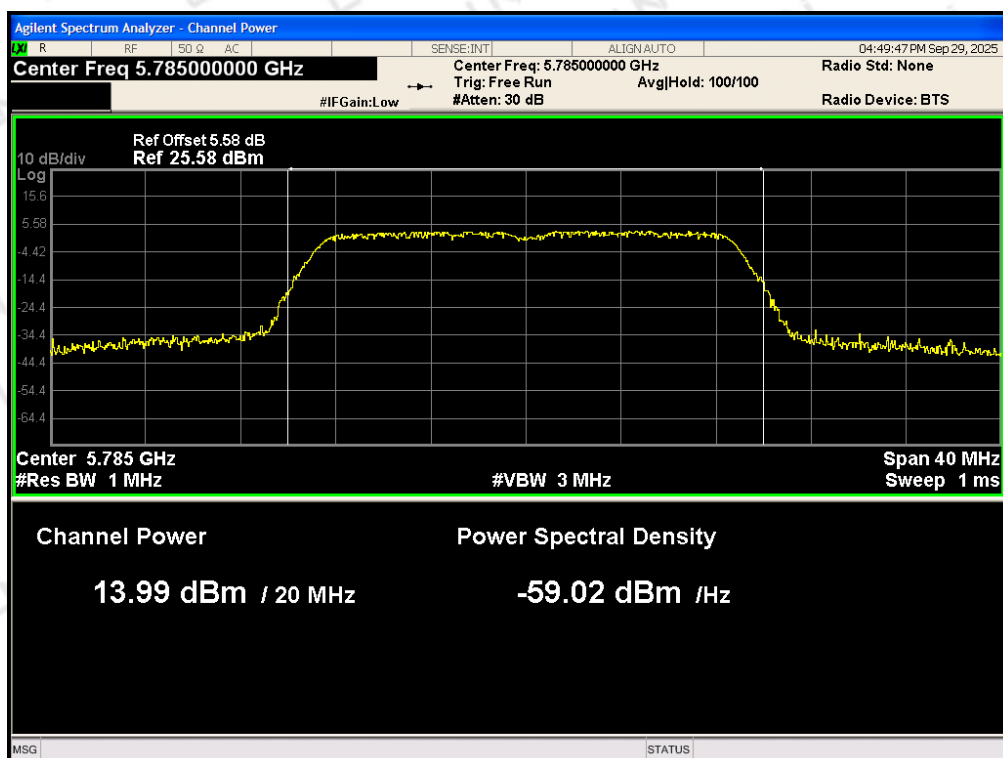
Power NVNT 802.11n(HT20) 5745MHz Ant1



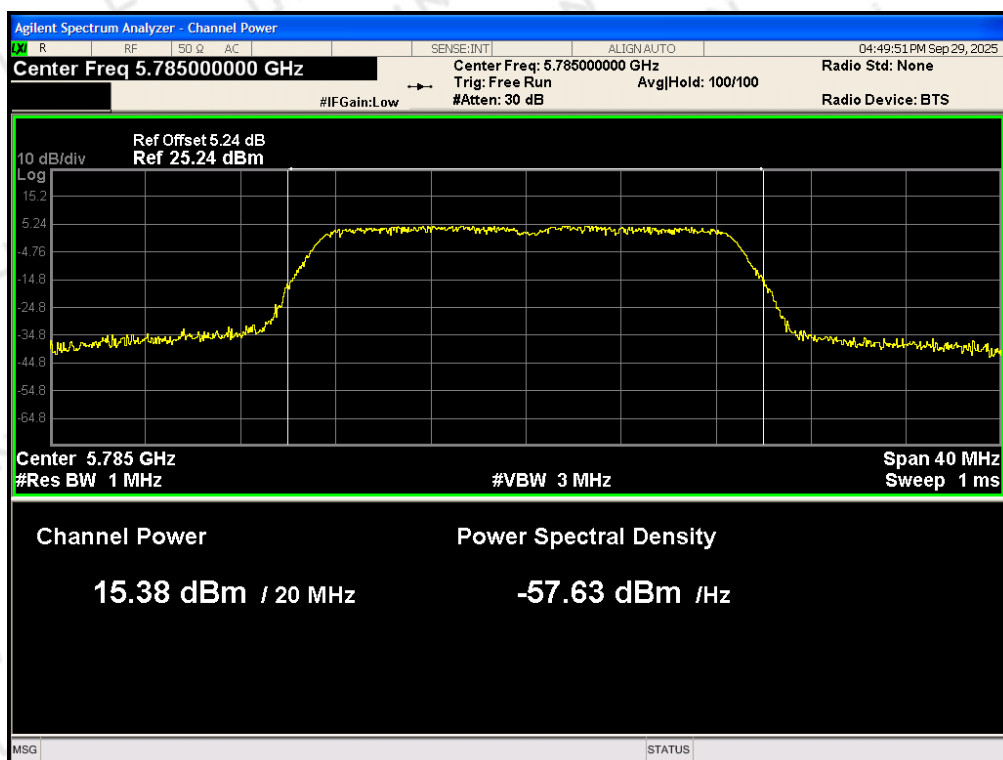
Power NVNT 802.11n(HT20) 5745MHz Ant2



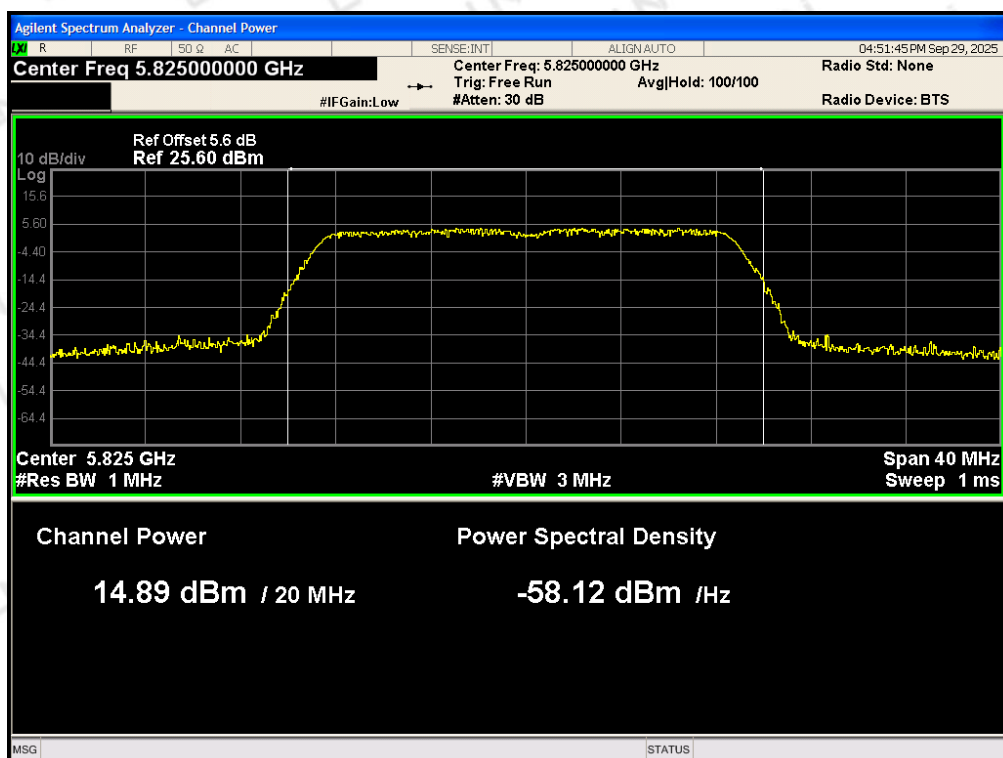
Power NVNT 802.11n(HT20) 5785MHz Ant1



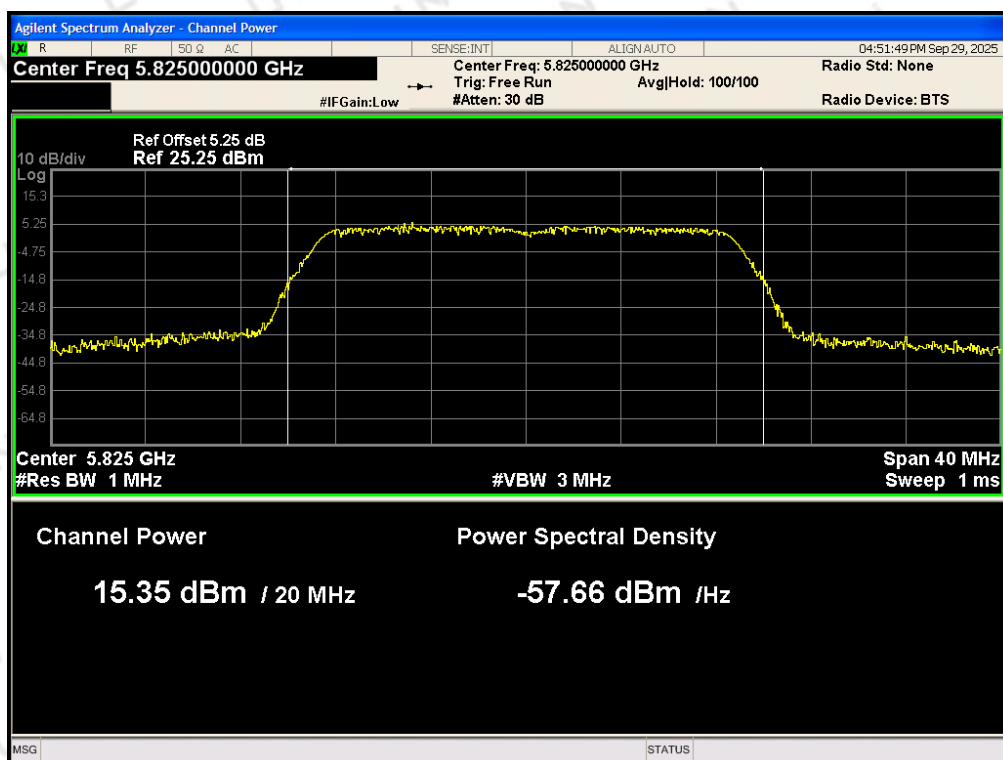
Power NVNT 802.11n(HT20) 5785MHz Ant2



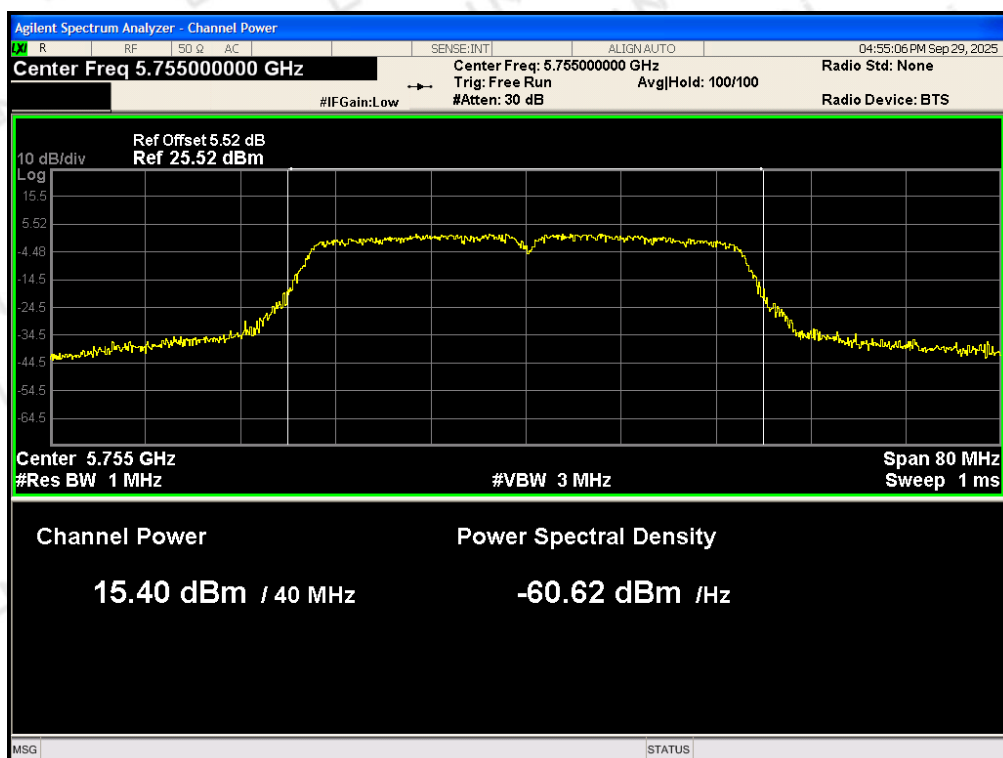
Power NVNT 802.11n(HT20) 5825MHz Ant1



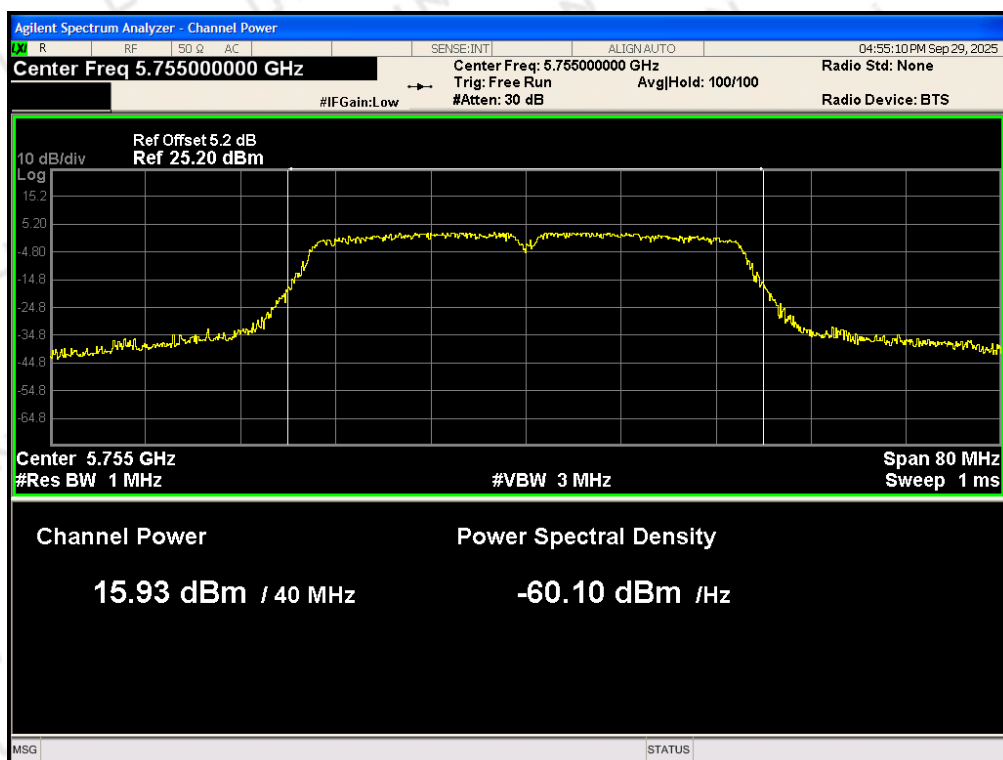
Power NVNT 802.11n(HT20) 5825MHz Ant2



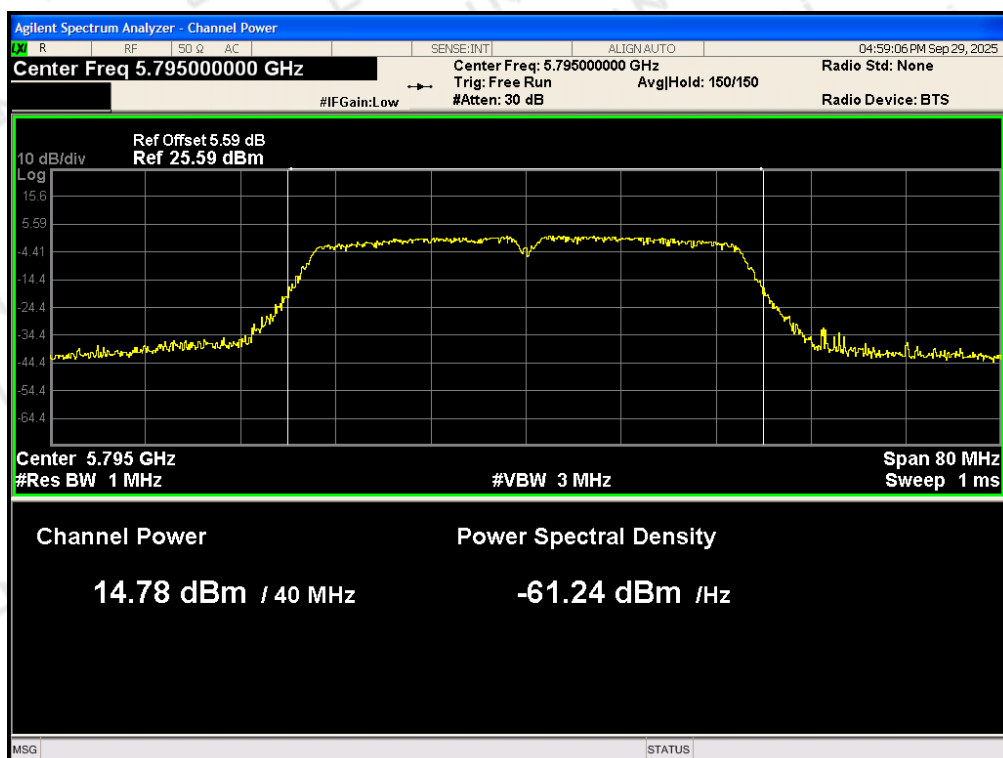
Power NVNT 802.11n(HT40) 5755MHz Ant1



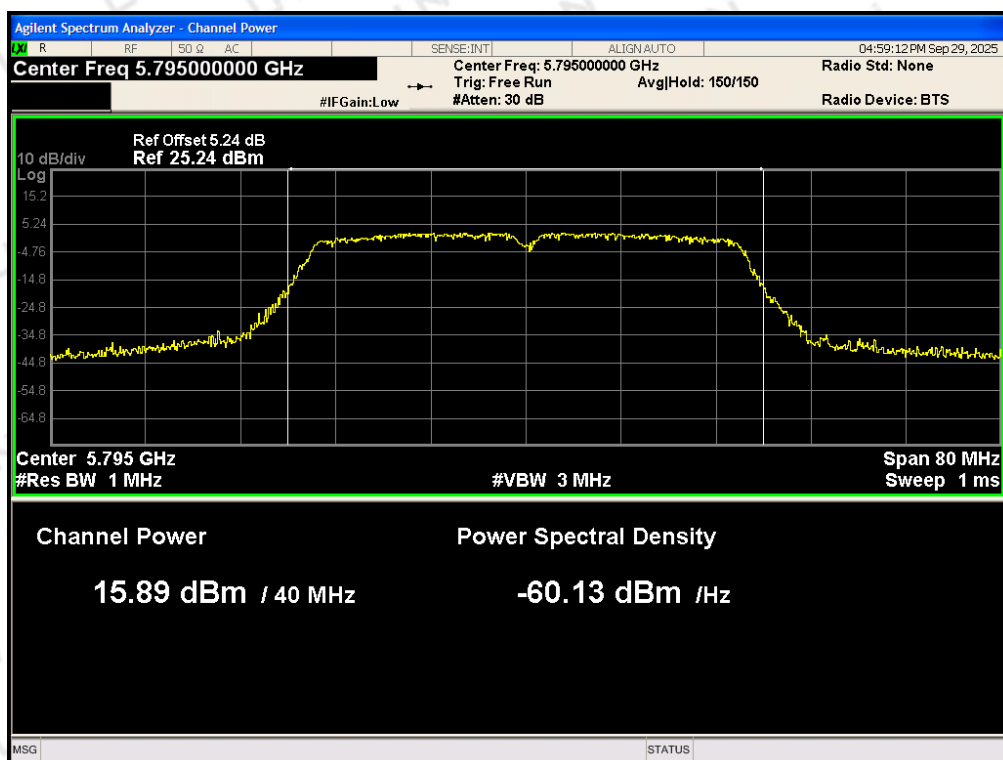
Power NVNT 802.11n(HT40) 5755MHz Ant2



Power NVNT 802.11n(HT40) 5795MHz Ant1



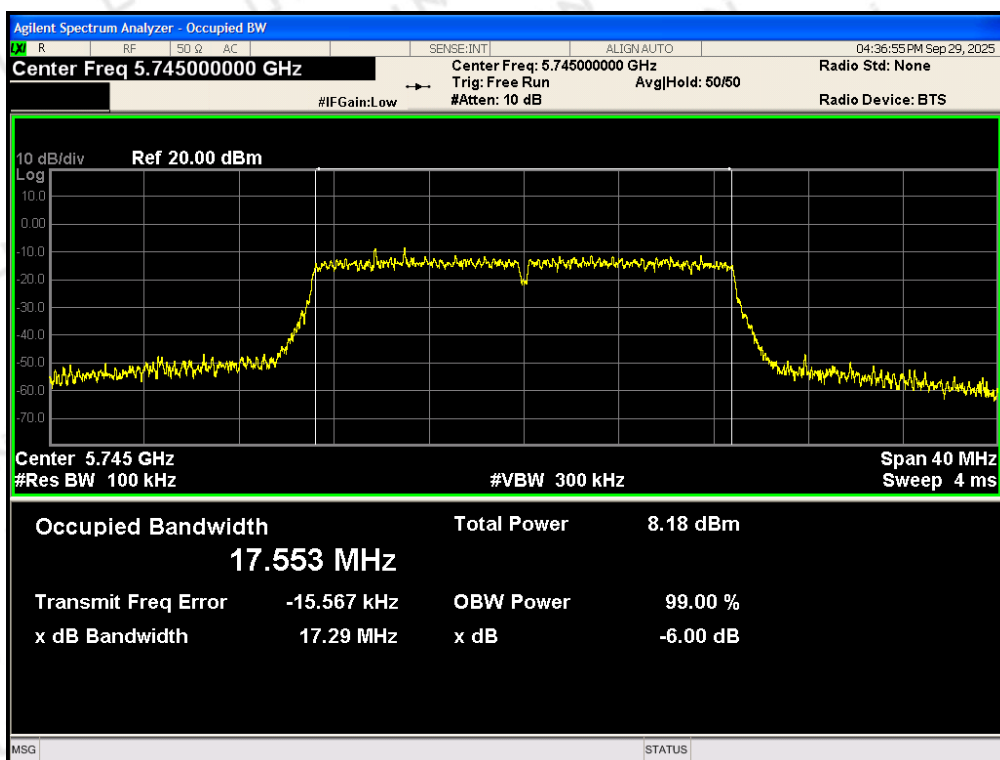
Power NVNT 802.11n(HT40) 5795MHz Ant2



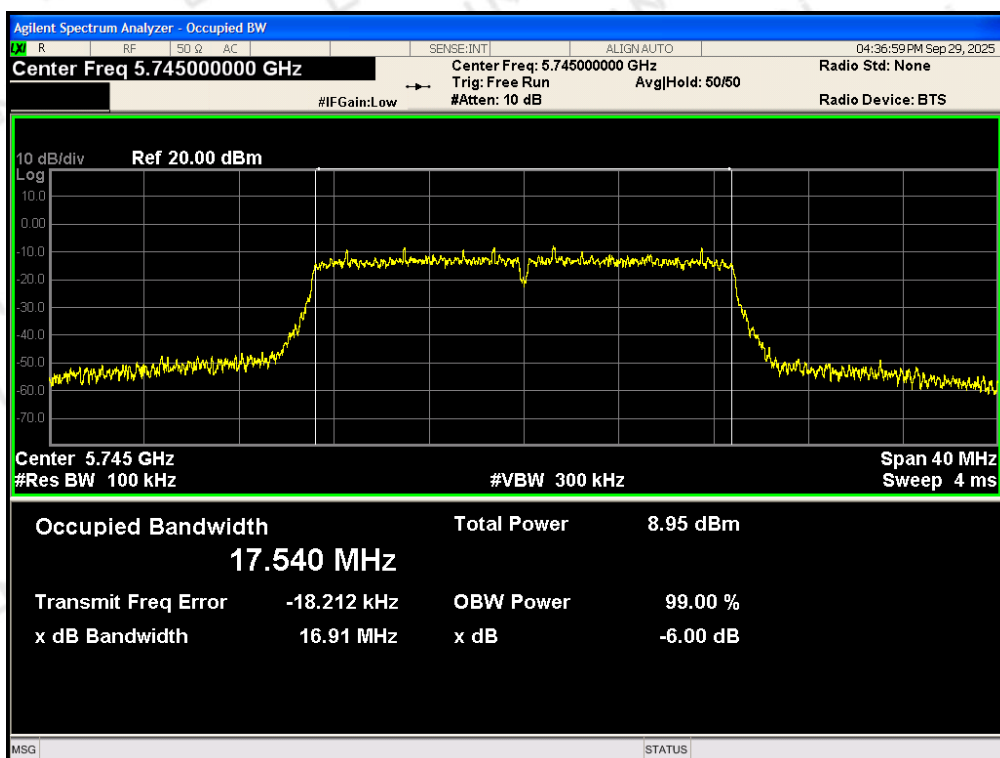
-6 dB Bandwidth

Condition	Mode	Frequency (MHz)	Antenna	-6 dB Bandwidth (MHz)	Limit -6 dB Bandwidth (MHz)	Verdict
NVNT	802.11a	5745	Ant 1	17.29	0.5	Pass
NVNT	802.11a	5745	Ant 2	16.91	0.5	Pass
NVNT	802.11a	5785	Ant 1	17.53	0.5	Pass
NVNT	802.11a	5785	Ant 2	17.36	0.5	Pass
NVNT	802.11a	5825	Ant 1	17.62	0.5	Pass
NVNT	802.11a	5825	Ant 2	17.55	0.5	Pass
NVNT	802.11ac20	5745	Ant 1	17.52	0.5	Pass
NVNT	802.11ac20	5745	Ant 2	17.31	0.5	Pass
NVNT	802.11ac20	5785	Ant 1	17.59	0.5	Pass
NVNT	802.11ac20	5785	Ant 2	17.14	0.5	Pass
NVNT	802.11ac20	5825	Ant 1	17.30	0.5	Pass
NVNT	802.11ac20	5825	Ant 2	17.63	0.5	Pass
NVNT	802.11ac40	5755	Ant 1	34.97	0.5	Pass
NVNT	802.11ac40	5755	Ant 2	34.97	0.5	Pass
NVNT	802.11ac40	5795	Ant 1	34.99	0.5	Pass
NVNT	802.11ac40	5795	Ant 2	32.97	0.5	Pass
NVNT	802.11ac80	5775	Ant 1	73.88	0.5	Pass
NVNT	802.11ac80	5775	Ant 2	73.84	0.5	Pass
NVNT	802.11n(HT20)	5745	Ant 1	17.55	0.5	Pass
NVNT	802.11n(HT20)	5745	Ant 2	17.54	0.5	Pass
NVNT	802.11n(HT20)	5785	Ant 1	17.31	0.5	Pass
NVNT	802.11n(HT20)	5785	Ant 2	17.28	0.5	Pass
NVNT	802.11n(HT20)	5825	Ant 1	17.30	0.5	Pass
NVNT	802.11n(HT20)	5825	Ant 2	17.56	0.5	Pass
NVNT	802.11n(HT40)	5755	Ant 1	35.05	0.5	Pass
NVNT	802.11n(HT40)	5755	Ant 2	35.34	0.5	Pass
NVNT	802.11n(HT40)	5795	Ant 1	31.90	0.5	Pass
NVNT	802.11n(HT40)	5795	Ant 2	35.07	0.5	Pass

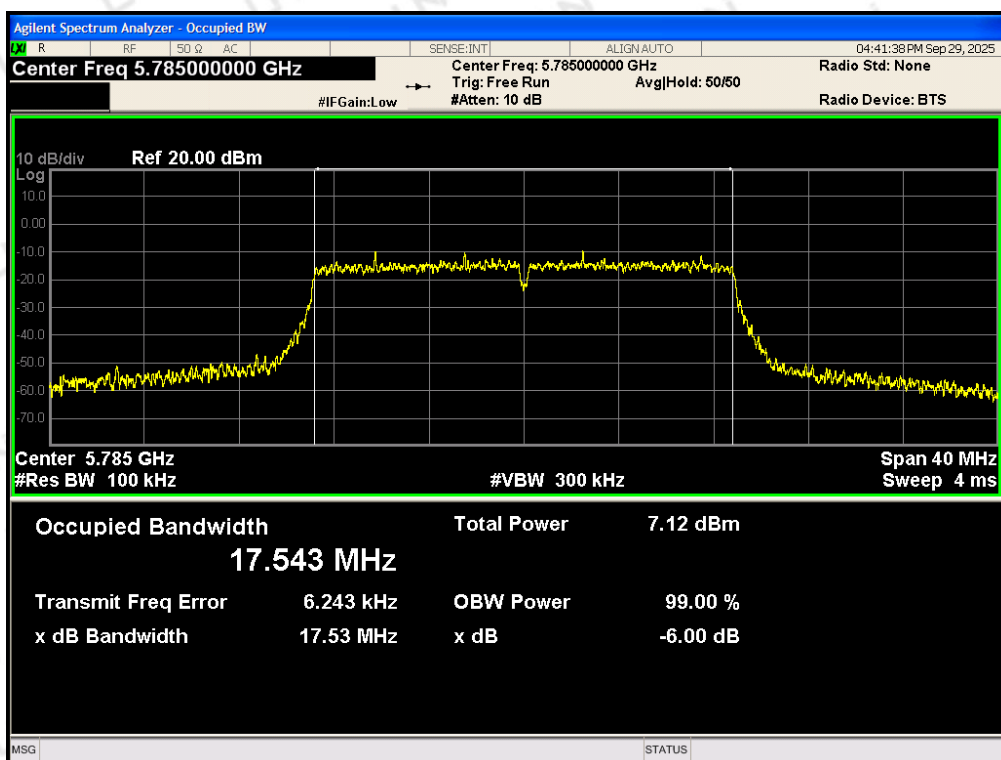
-6 dB Bandwidth NVNT 802.11a 5745MHz Ant1



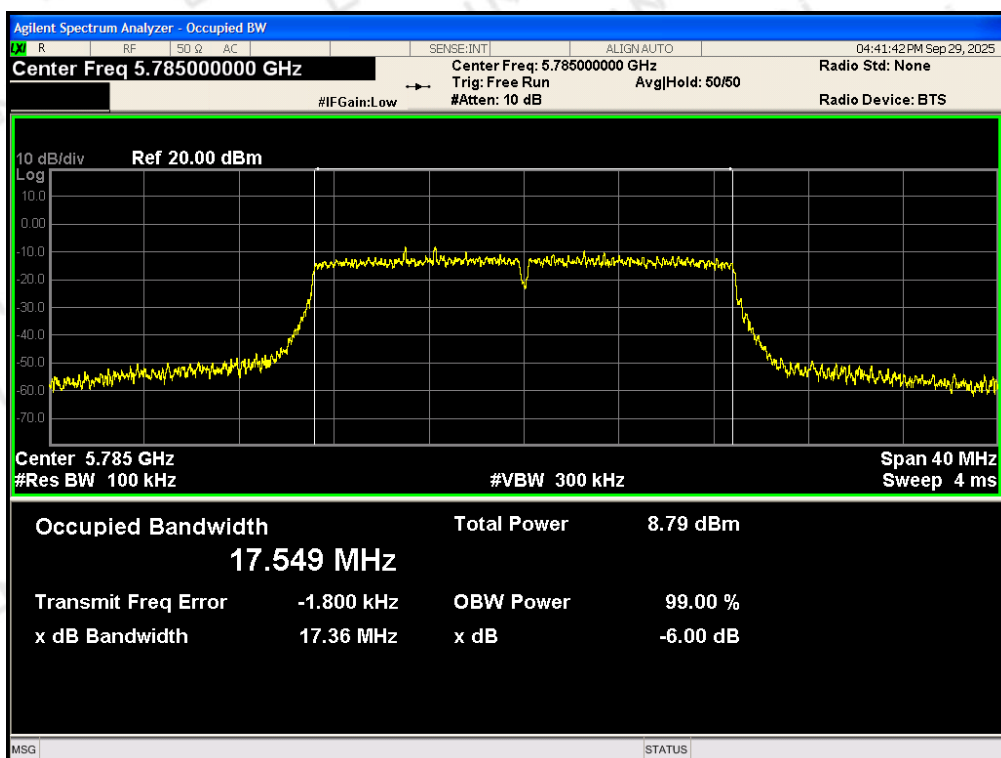
-6 dB Bandwidth NVNT 802.11a 5745MHz Ant2



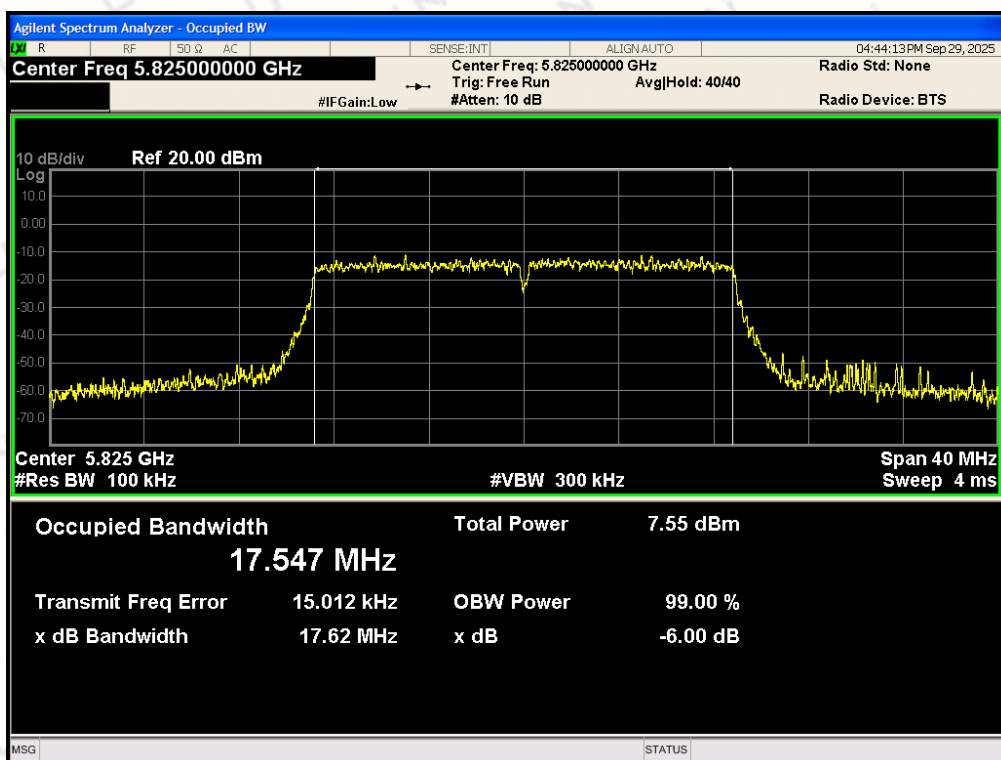
-6 dB Bandwidth NVNT 802.11a 5785MHz Ant1



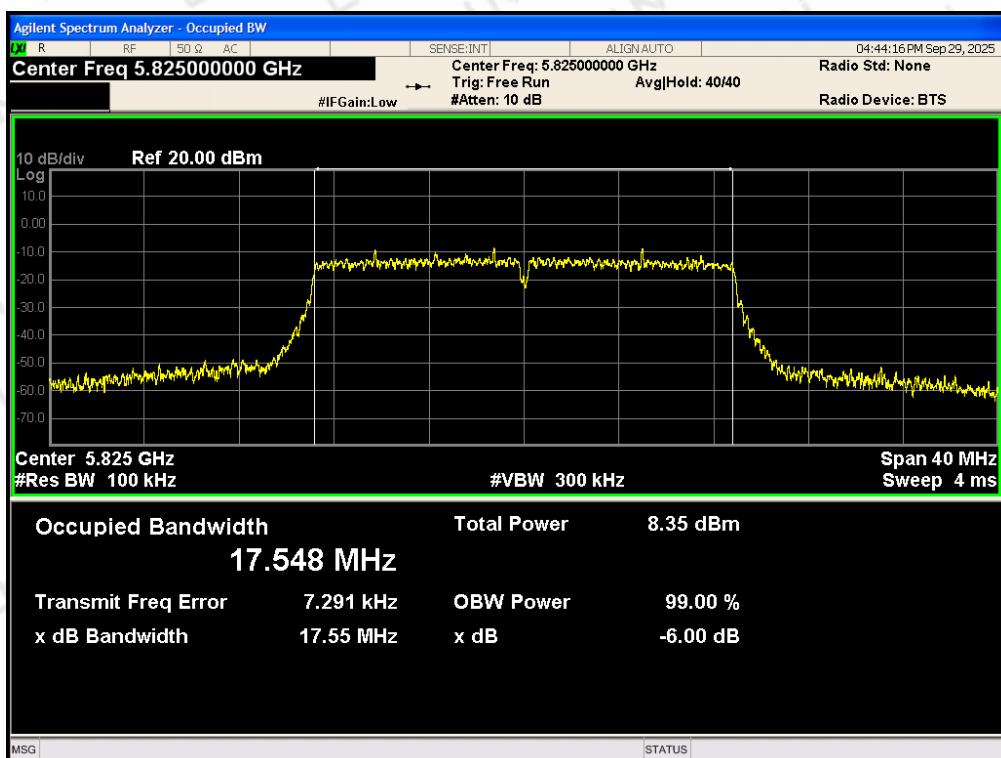
-6 dB Bandwidth NVNT 802.11a 5785MHz Ant2



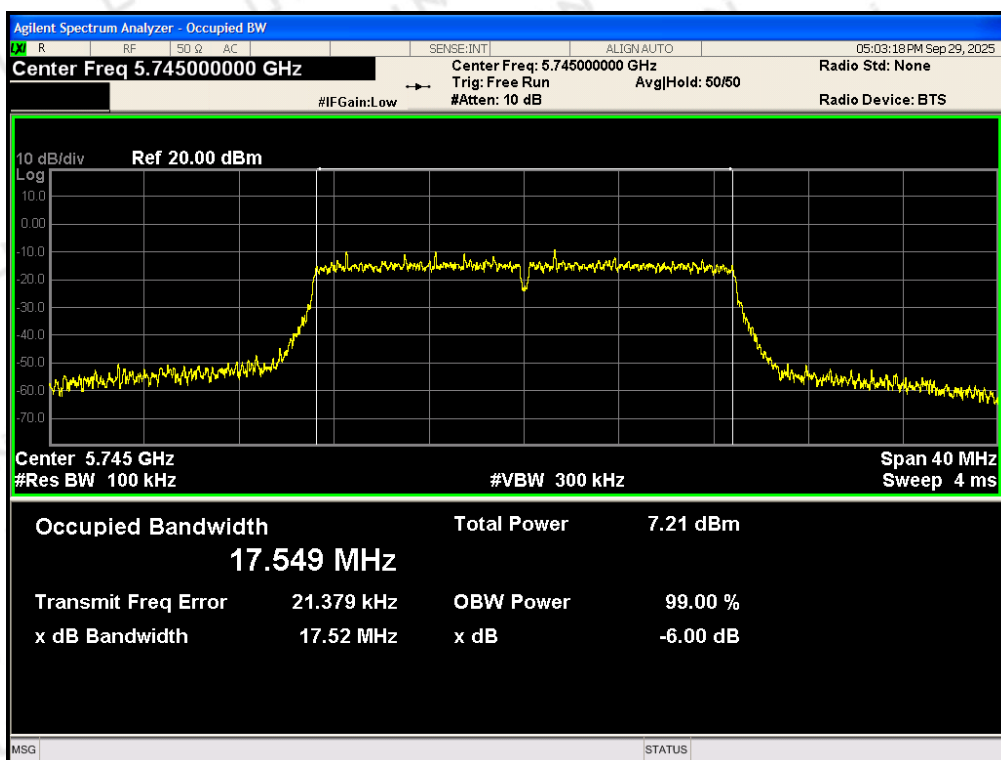
-6 dB Bandwidth NVNT 802.11a 5825MHz Ant1



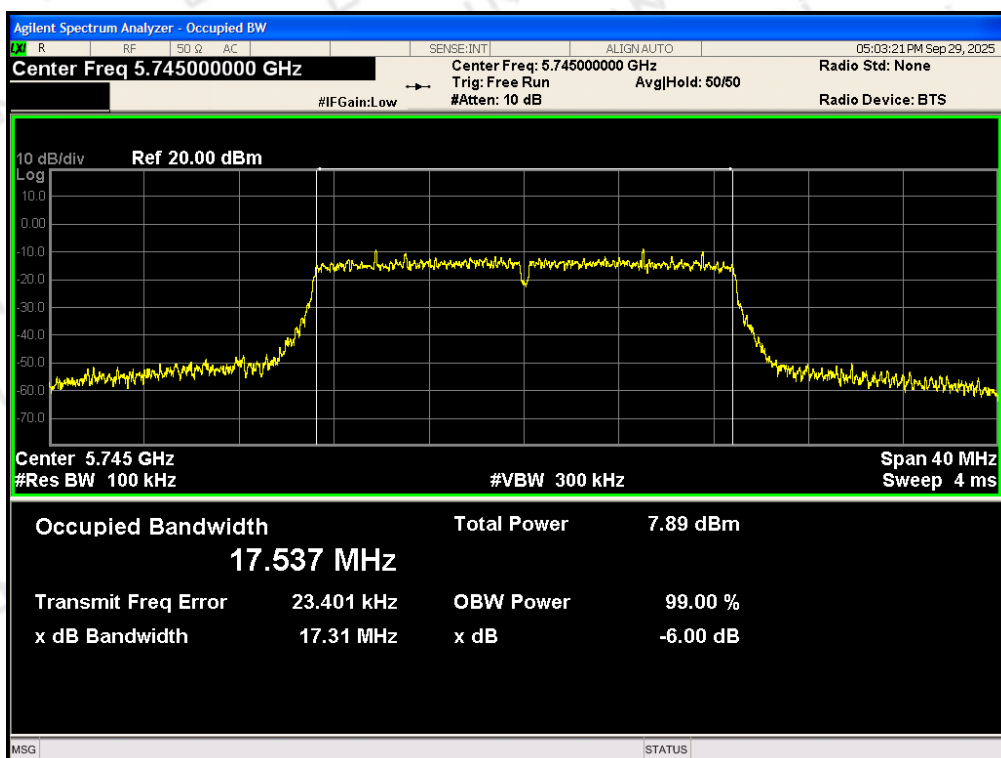
-6 dB Bandwidth NVNT 802.11a 5825MHz Ant2



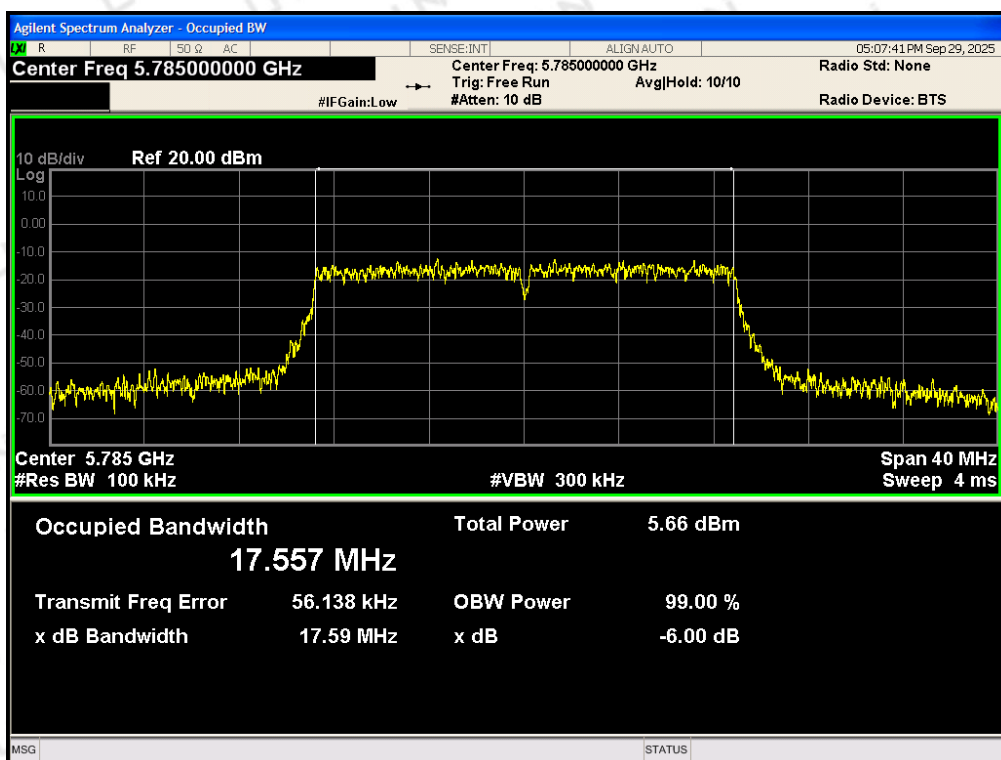
-6 dB Bandwidth NVNT 802.11ac20 5745MHz Ant1



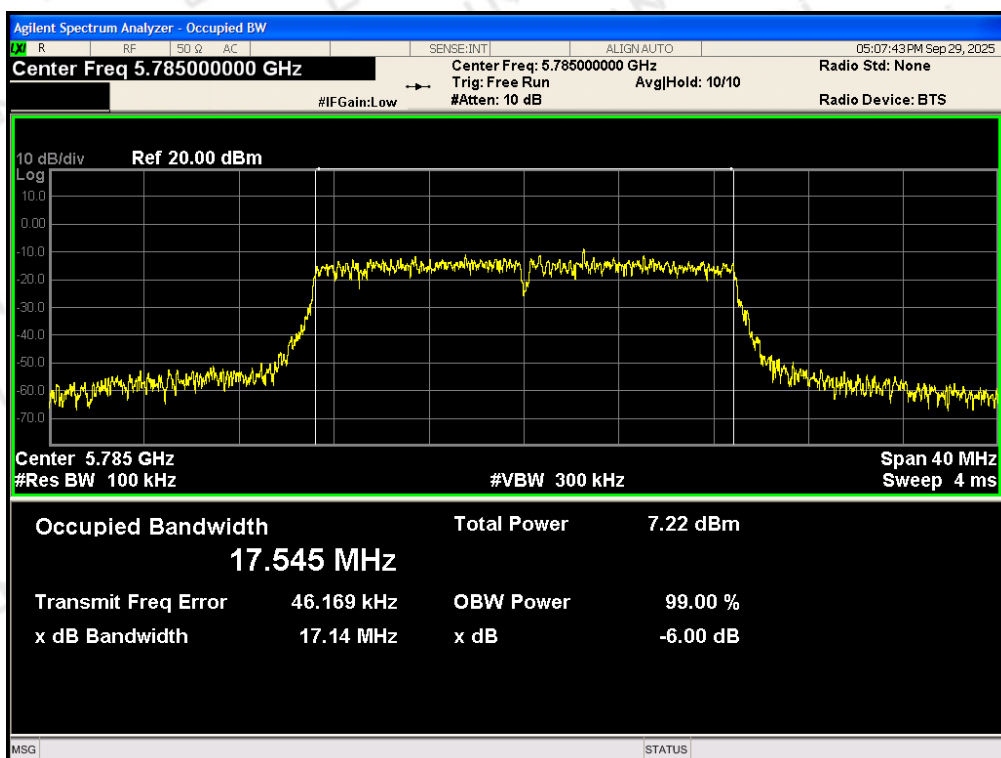
-6 dB Bandwidth NVNT 802.11ac20 5745MHz Ant2



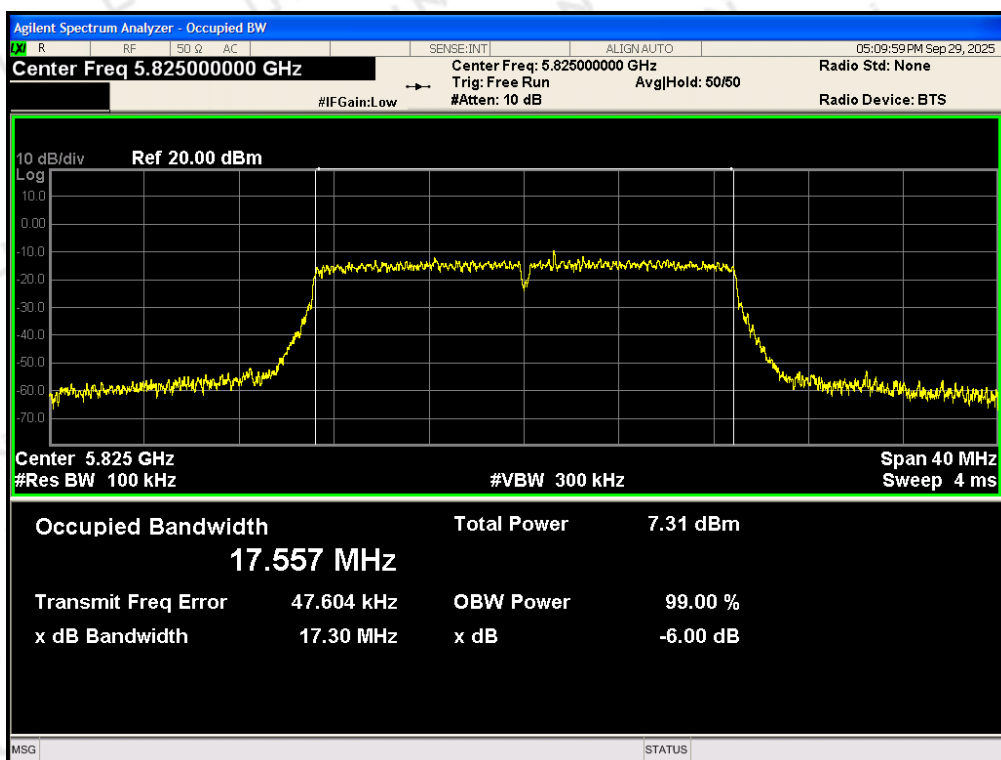
-6 dB Bandwidth NVNT 802.11ac20 5785MHz Ant1



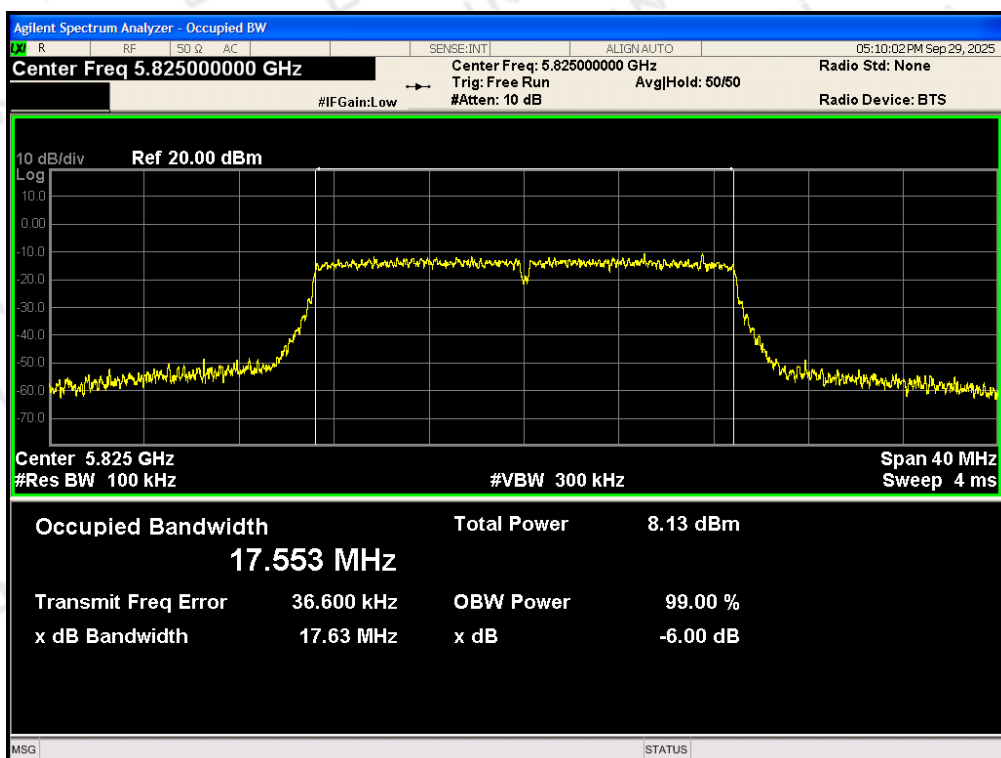
-6 dB Bandwidth NVNT 802.11ac20 5785MHz Ant2



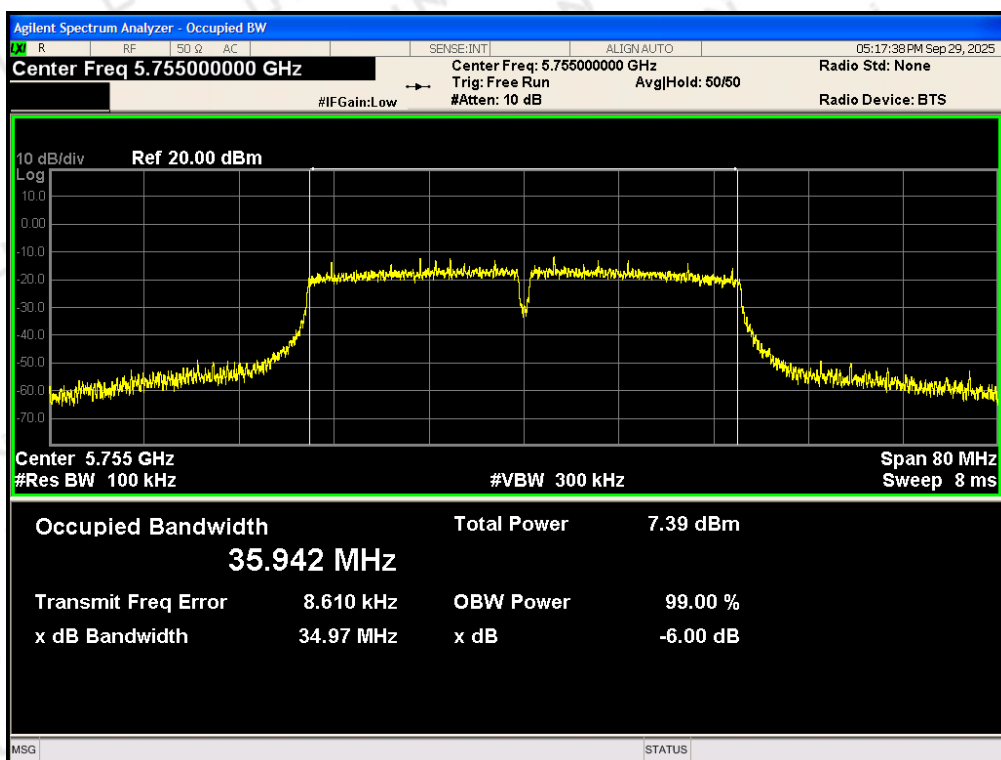
-6 dB Bandwidth NVNT 802.11ac20 5825MHz Ant1



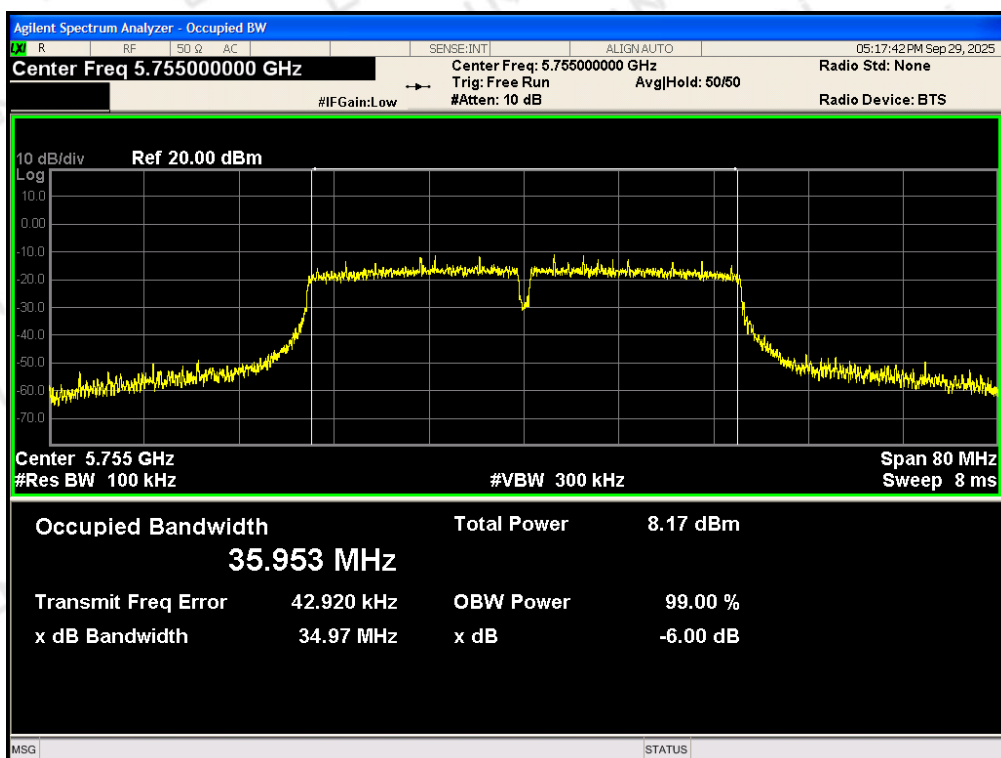
-6 dB Bandwidth NVNT 802.11ac20 5825MHz Ant2



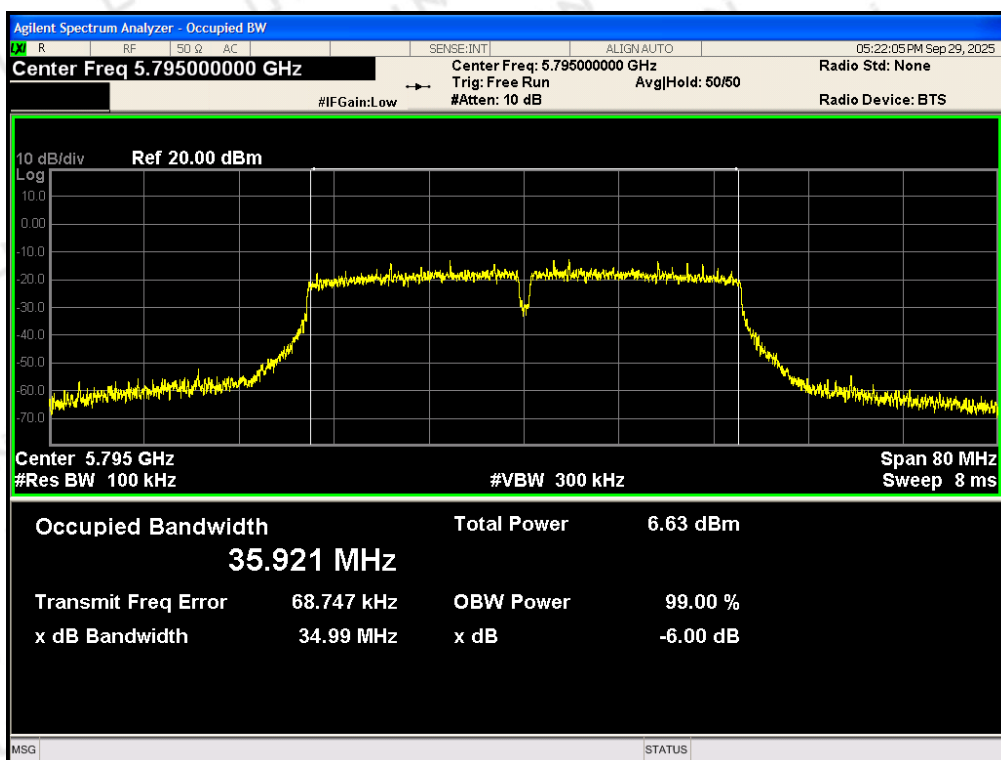
-6 dB Bandwidth NVNT 802.11ac40 5755MHz Ant1



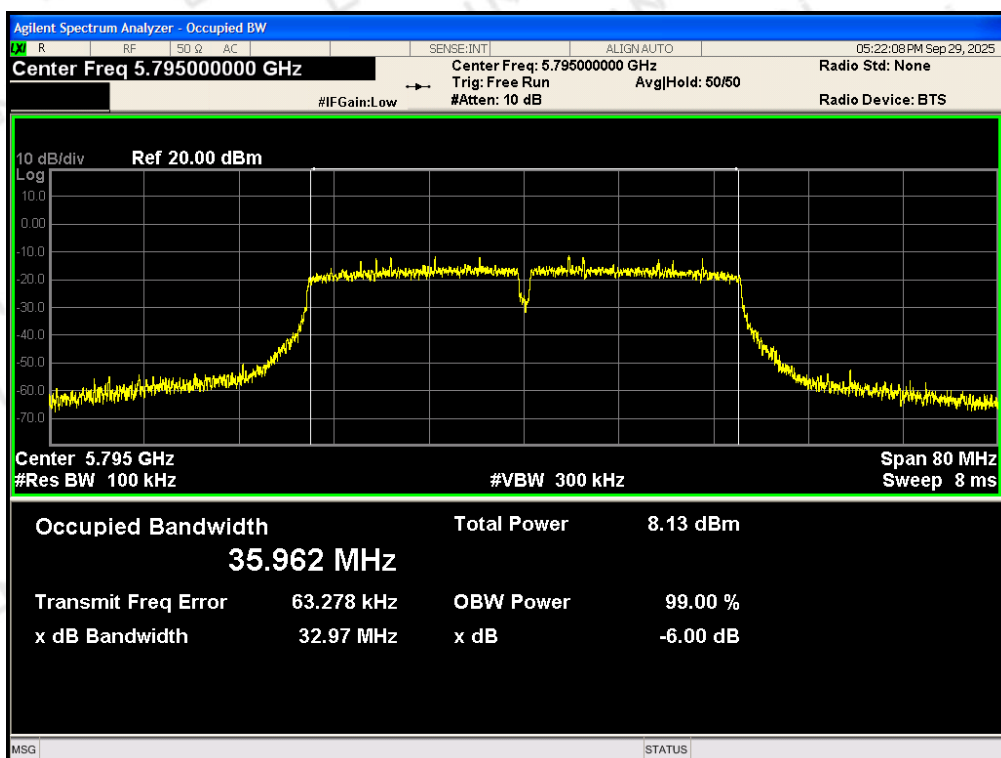
-6 dB Bandwidth NVNT 802.11ac40 5755MHz Ant2



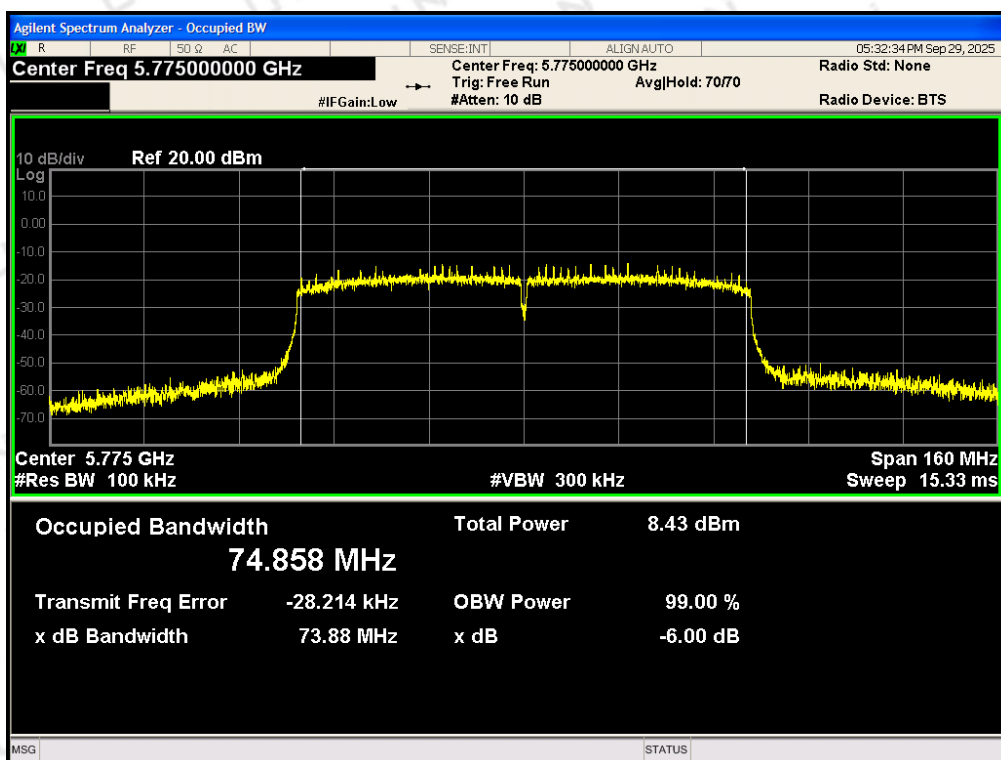
-6 dB Bandwidth NVNT 802.11ac40 5795MHz Ant1



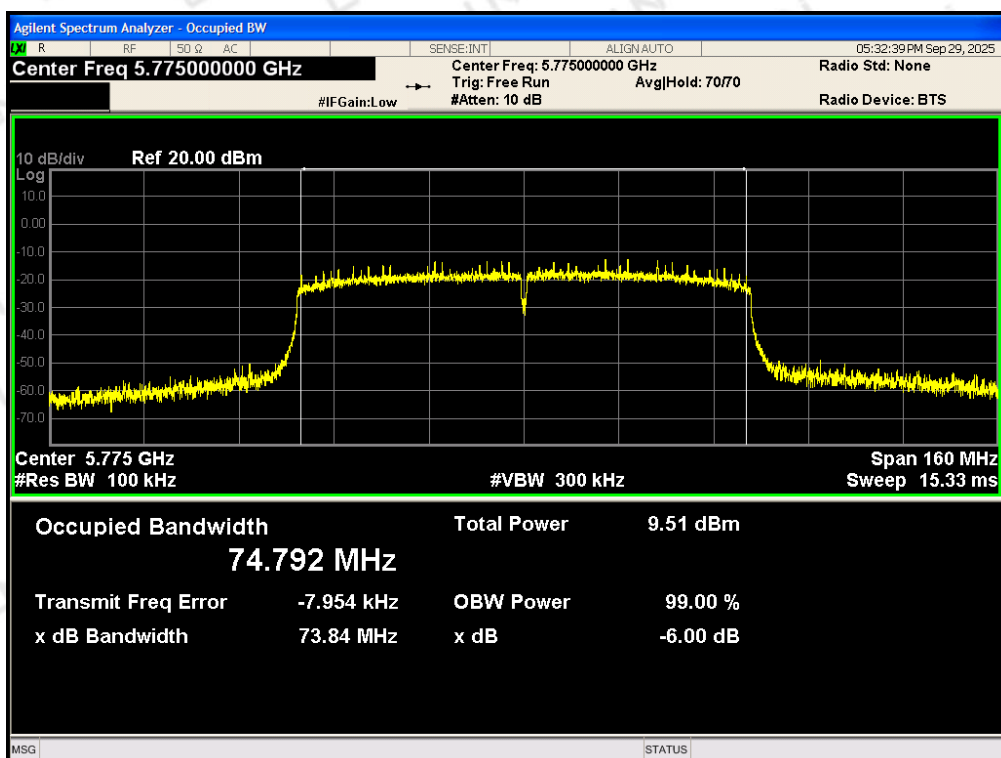
-6 dB Bandwidth NVNT 802.11ac40 5795MHz Ant2



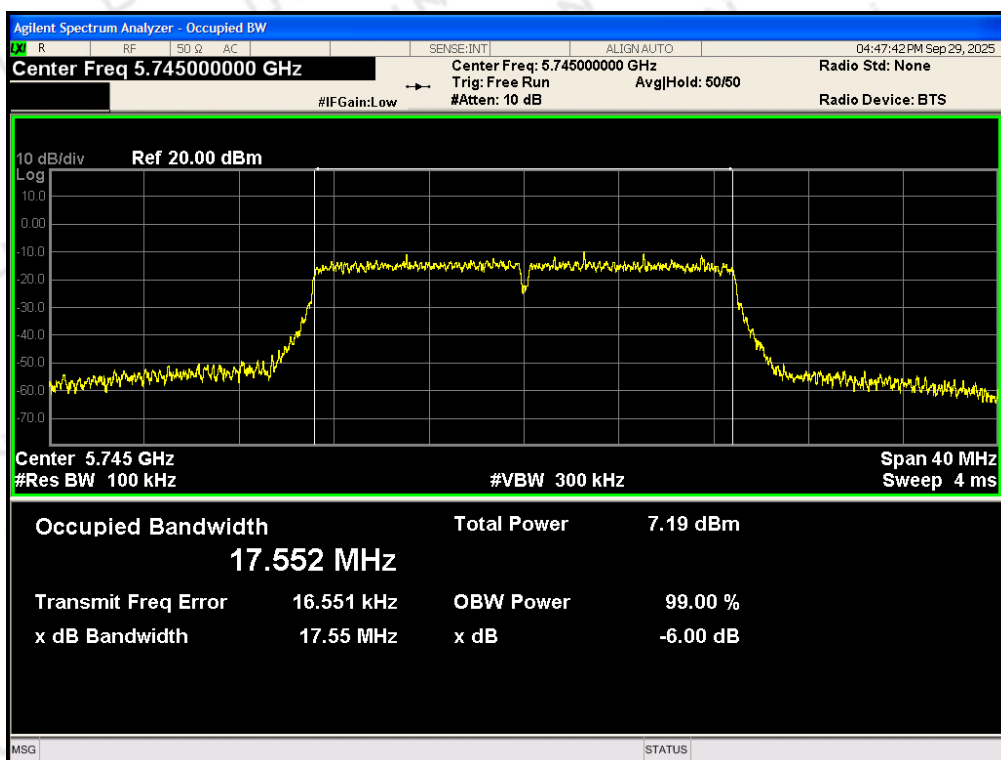
-6 dB Bandwidth NVNT 802.11ac80 5775MHz Ant1



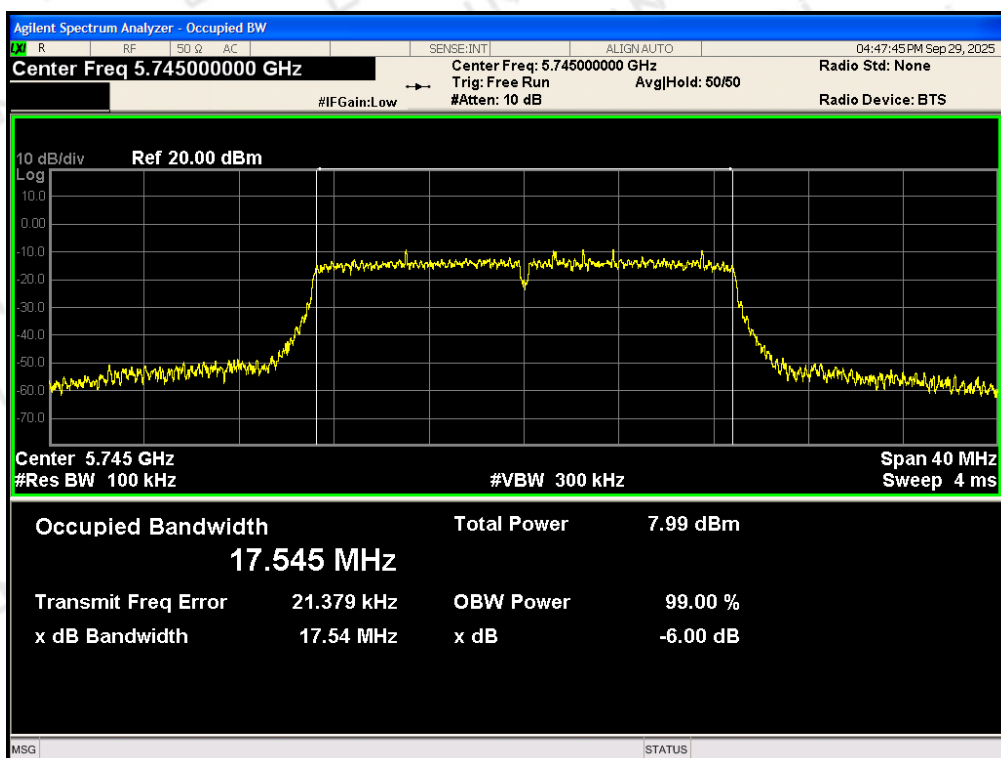
-6 dB Bandwidth NVNT 802.11ac80 5775MHz Ant2



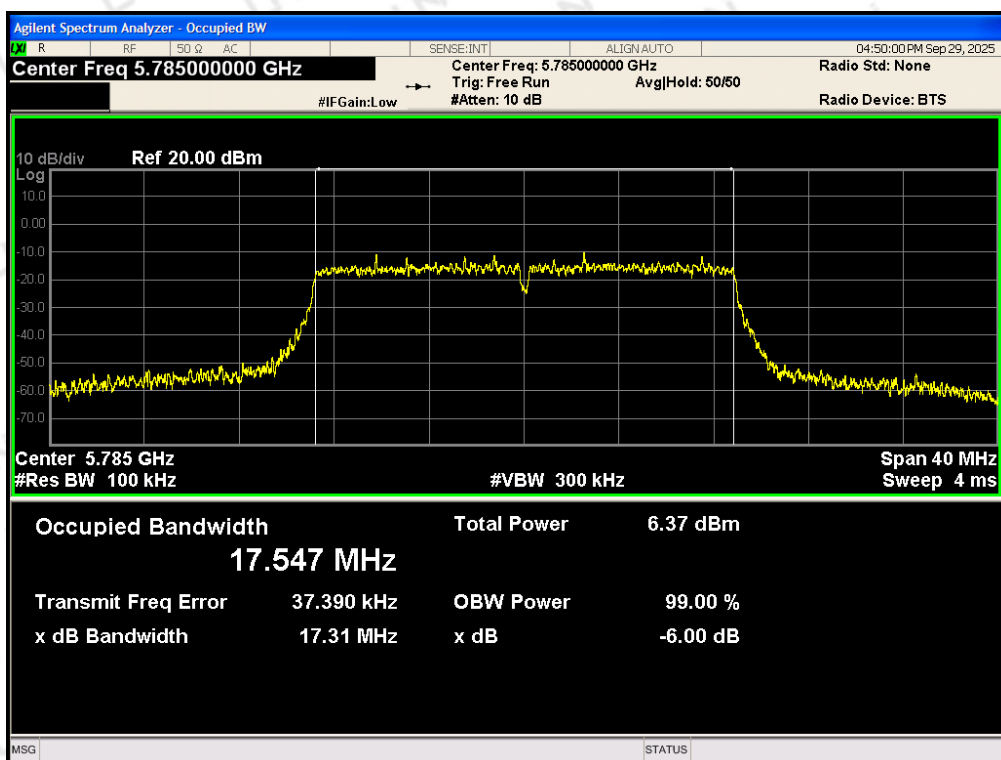
-6 dB Bandwidth NVNT 802.11n(HT20) 5745MHz Ant1



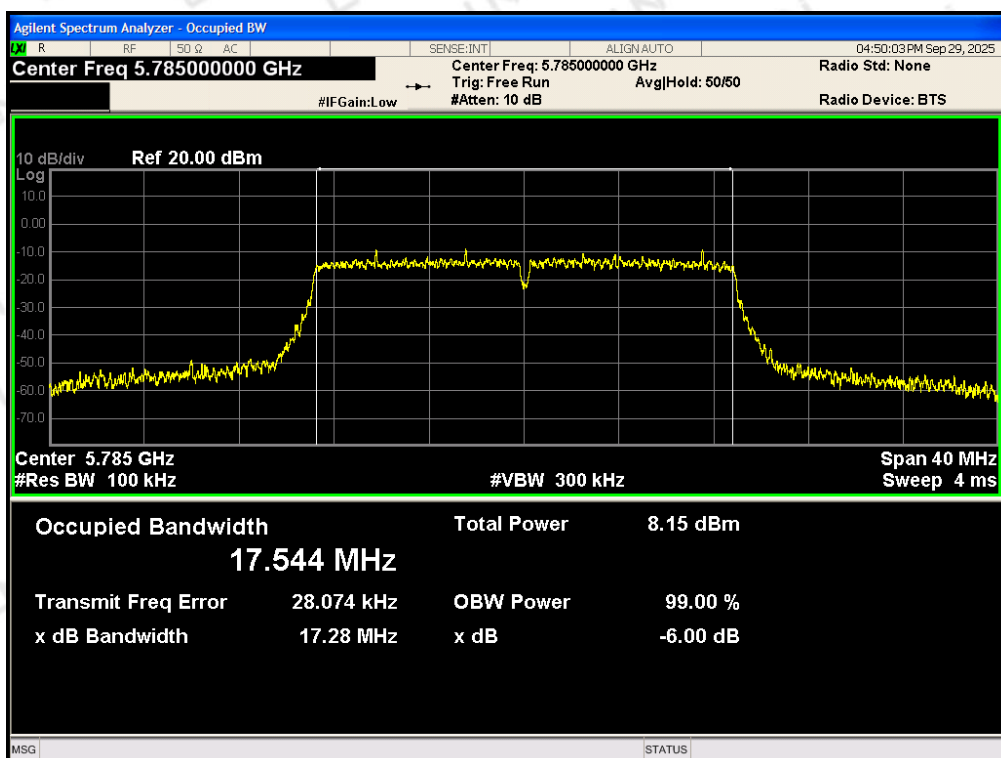
-6 dB Bandwidth NVNT 802.11n(HT20) 5745MHz Ant2



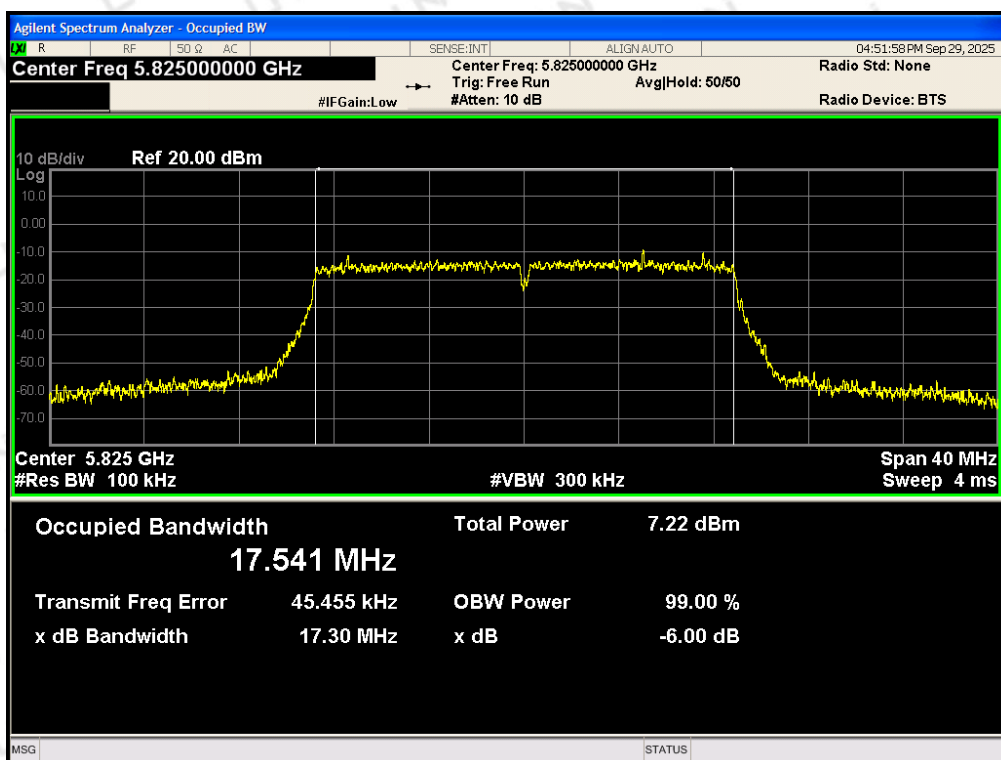
-6 dB Bandwidth NVNT 802.11n(HT20) 5785MHz Ant1



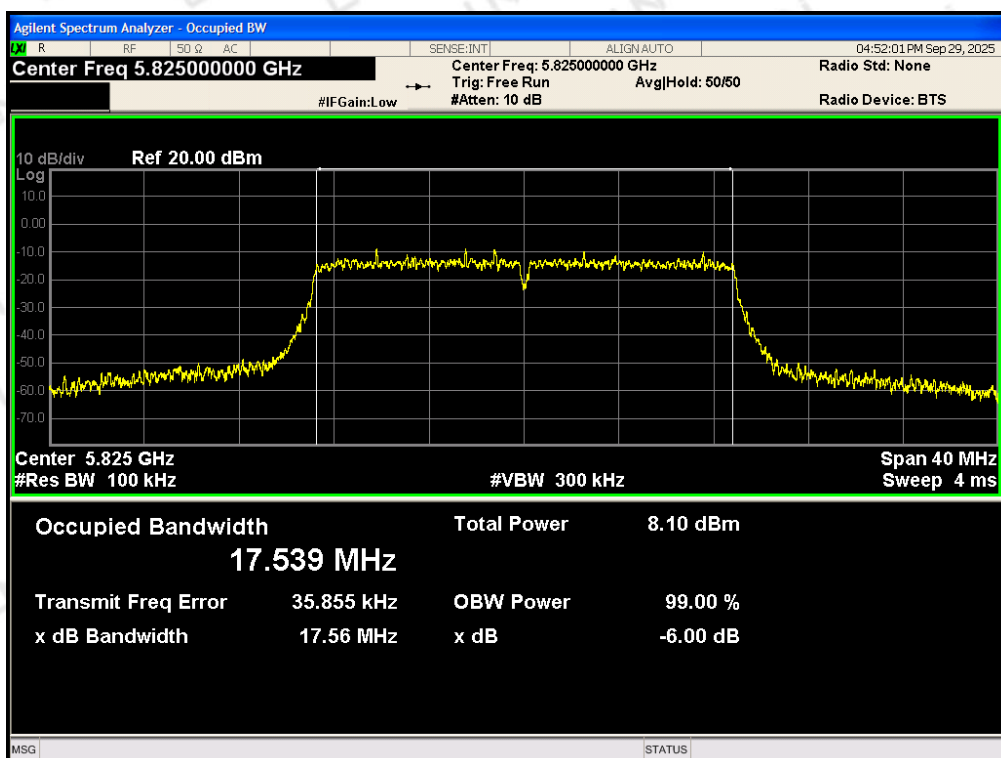
-6 dB Bandwidth NVNT 802.11n(HT20) 5785MHz Ant2



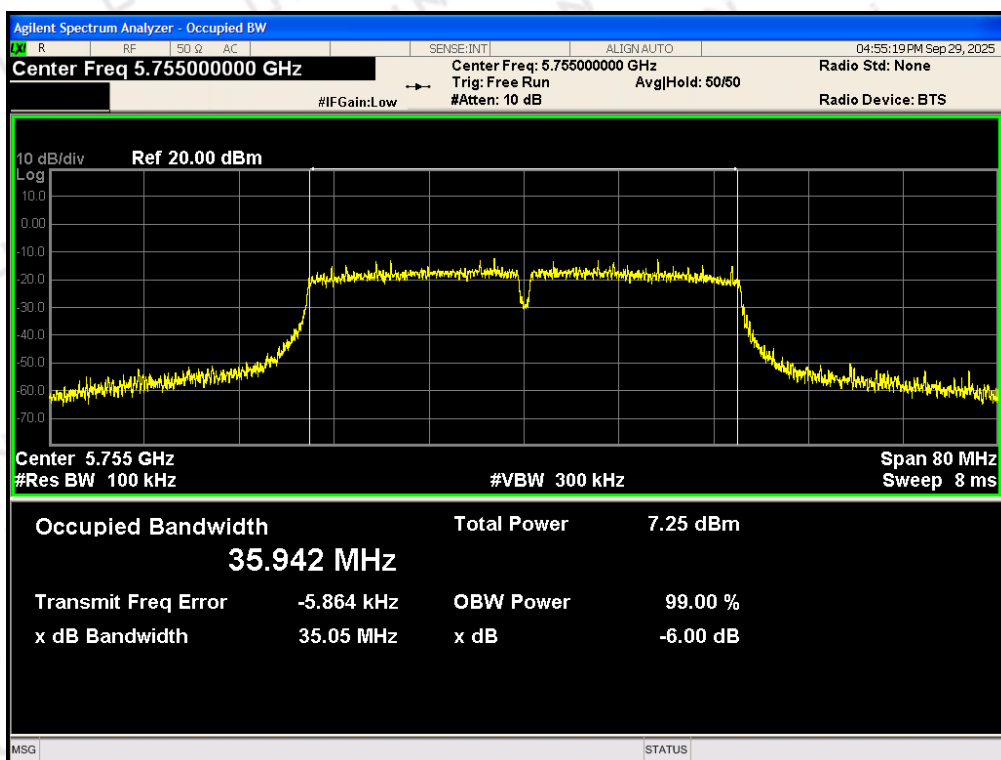
-6 dB Bandwidth NVNT 802.11n(HT20) 5825MHz Ant1



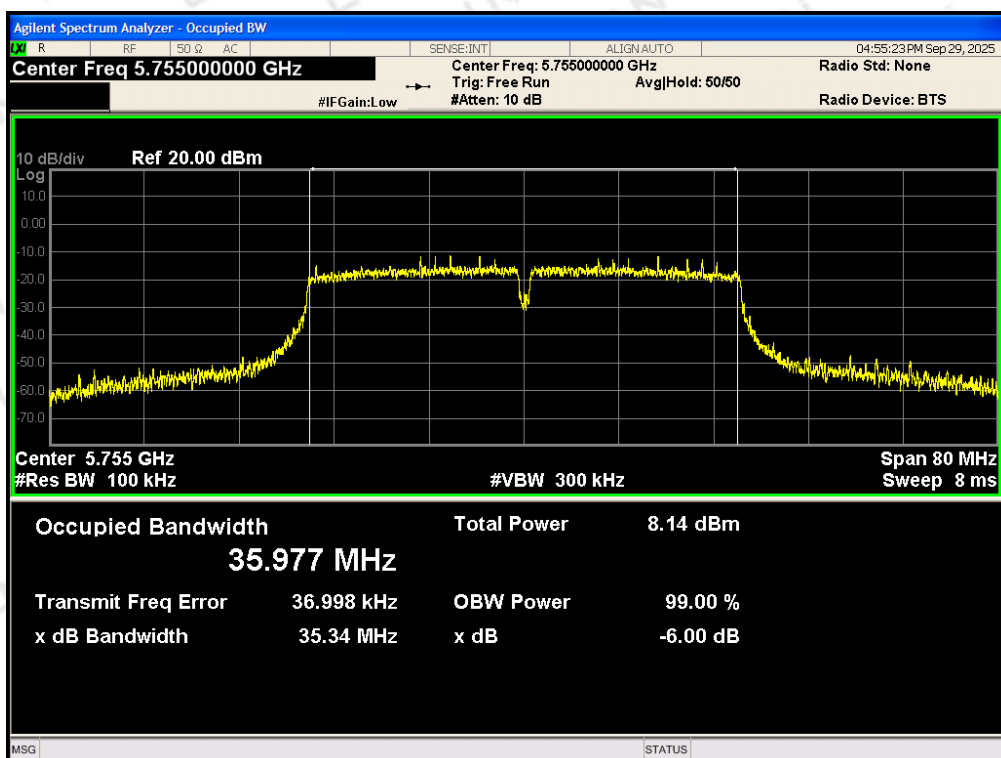
-6 dB Bandwidth NVNT 802.11n(HT20) 5825MHz Ant2



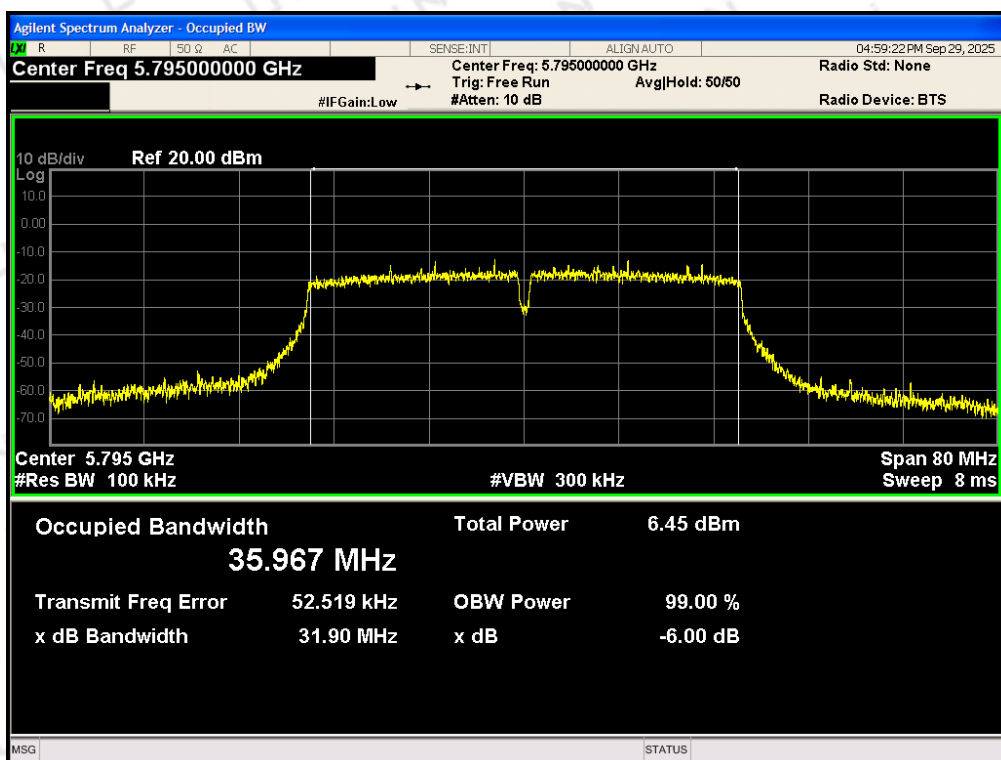
-6 dB Bandwidth NVNT 802.11n(HT40) 5755MHz Ant1



-6 dB Bandwidth NVNT 802.11n(HT40) 5755MHz Ant2



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



-6 dB Bandwidth NVNT 802.11n(HT40) 5795MHz Ant2

