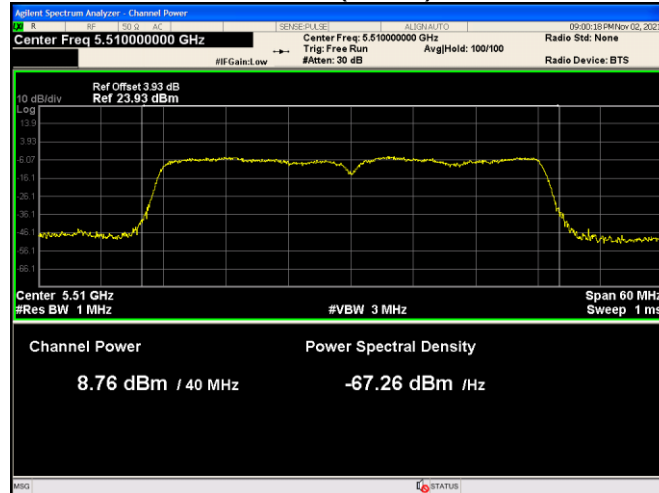
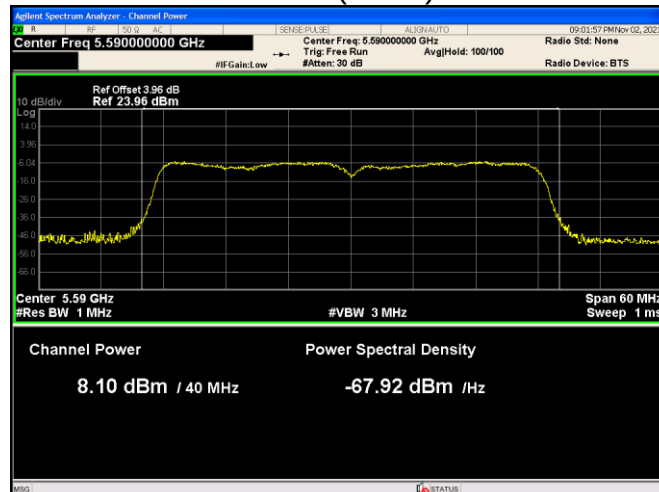


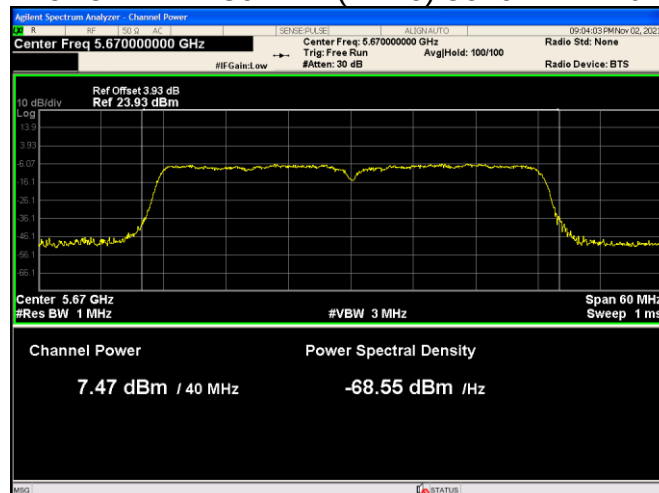
Power NVNT 802.11n(HT40) 5510MHz Ant1



Power NVNT 802.11n(HT40) 5590MHz Ant1



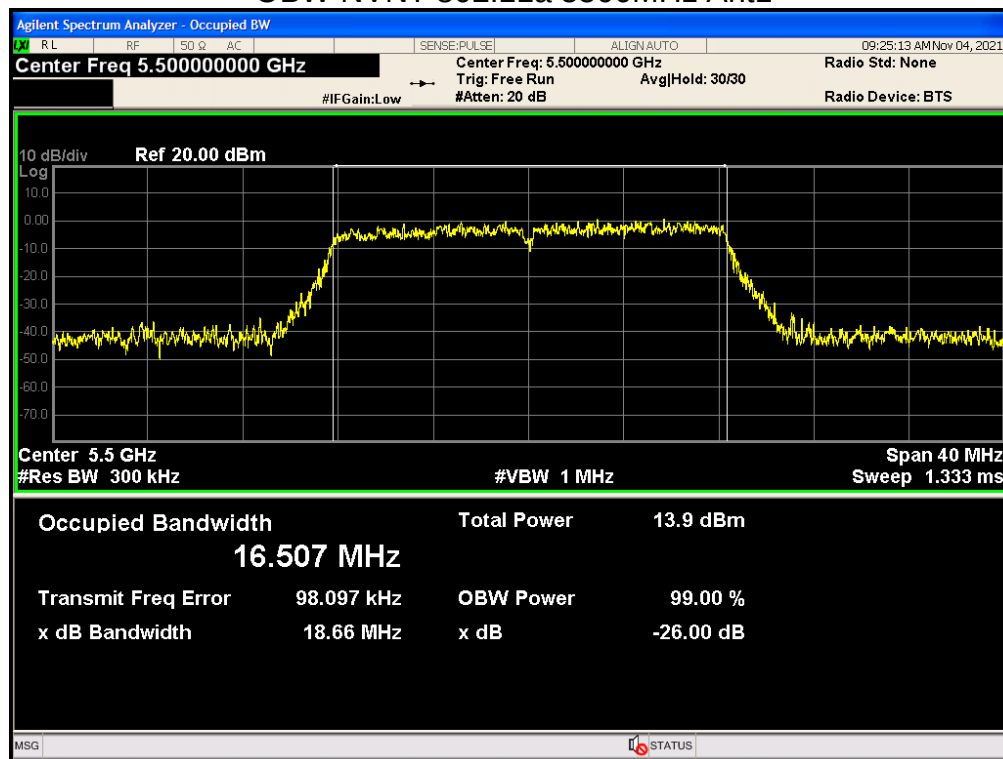
Power NVNT 802.11n(HT40) 5670MHz Ant1



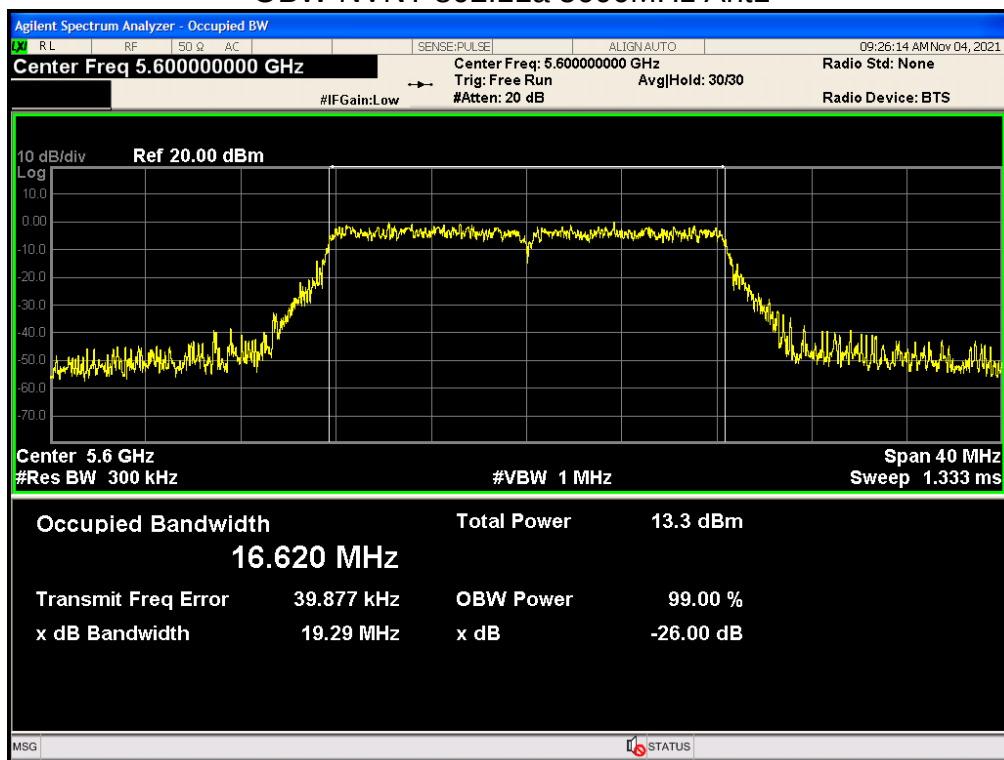
Occupied Channel Bandwidth

Condition	Mode	Frequency (MHz)	Antenna	99% OBW (MHz)	-26 dB Bandwidth (MHz)
NVNT	802.11a	5500	Ant 1	16.5074	18.66
NVNT	802.11a	5600	Ant 1	16.6197	19.29
NVNT	802.11a	5700	Ant 1	16.5463	19.23
NVNT	802.11ac20	5500	Ant 1	17.571	19.42
NVNT	802.11ac20	5600	Ant 1	17.6201	19.91
NVNT	802.11ac20	5700	Ant 1	17.6406	19.74
NVNT	802.11ac40	5510	Ant 1	36.3732	40.3
NVNT	802.11ac40	5590	Ant 1	36.4627	40.61
NVNT	802.11ac40	5670	Ant 1	36.3781	40.1
NVNT	802.11ac80	5530	Ant 1	75.5662	79.4
NVNT	802.11ac80	5610	Ant 1	75.5322	78.53
NVNT	802.11n(HT20)	5500	Ant 1	17.5752	19.64
NVNT	802.11n(HT20)	5600	Ant 1	17.5486	19.68
NVNT	802.11n(HT20)	5700	Ant 1	17.606	19.89
NVNT	802.11n(HT40)	5510	Ant 1	36.4107	40.34
NVNT	802.11n(HT40)	5590	Ant 1	36.3828	39.82
NVNT	802.11n(HT40)	5670	Ant 1	36.3669	39.66

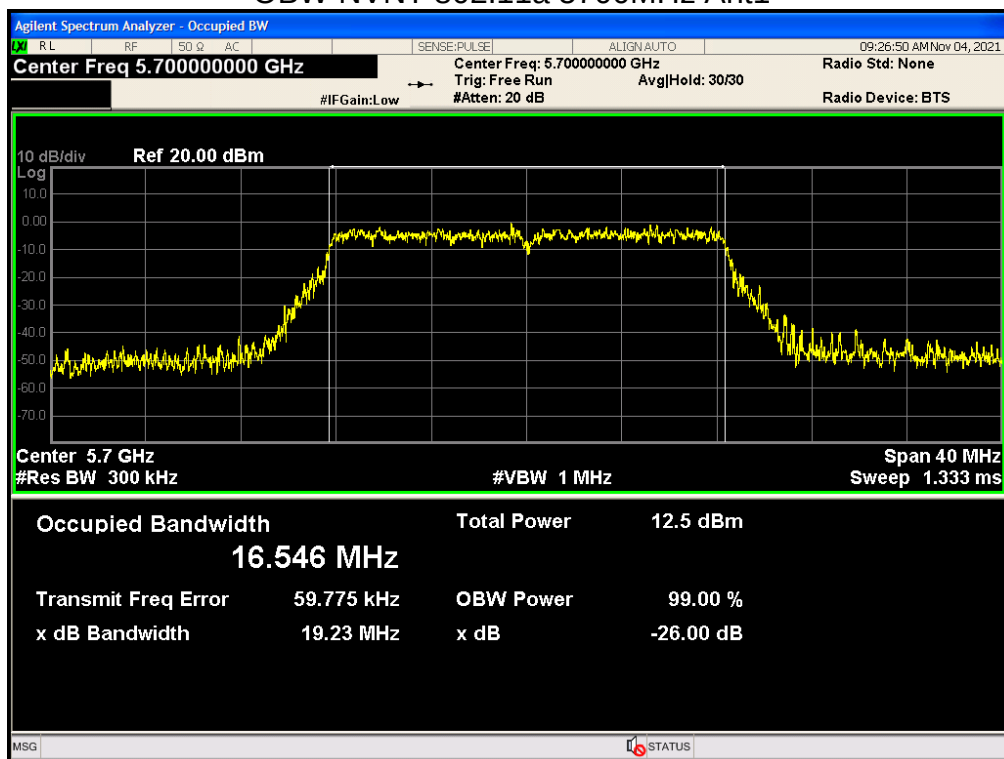
OBW NVNT 802.11a 5500MHz Ant1



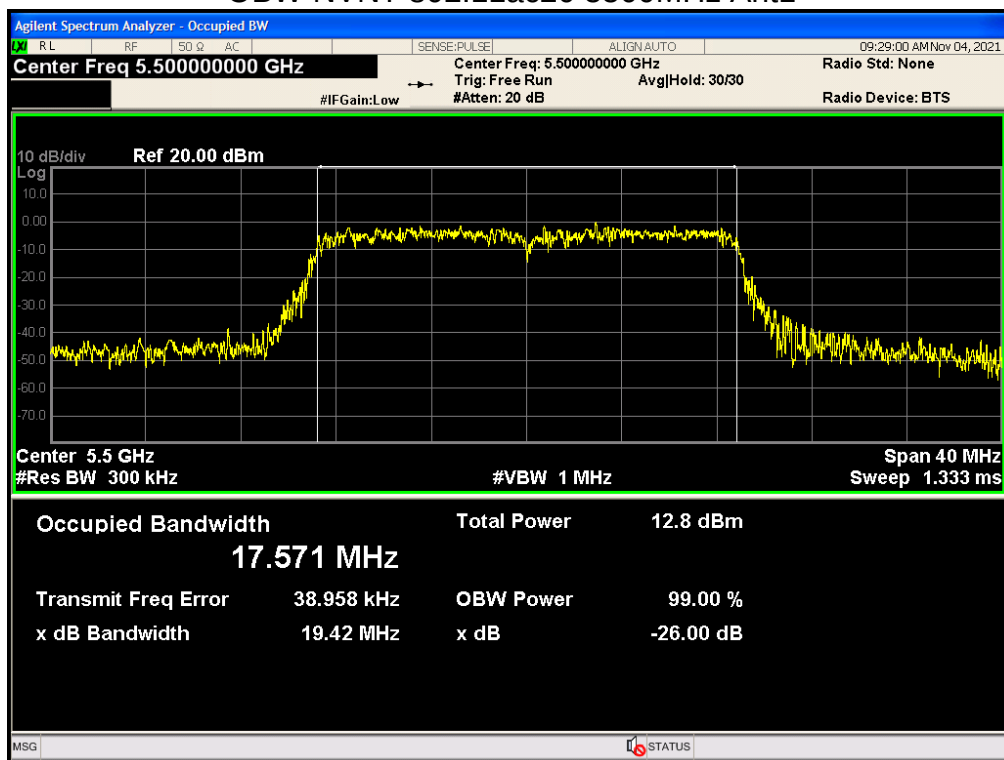
OBW NVNT 802.11a 5600MHz Ant1



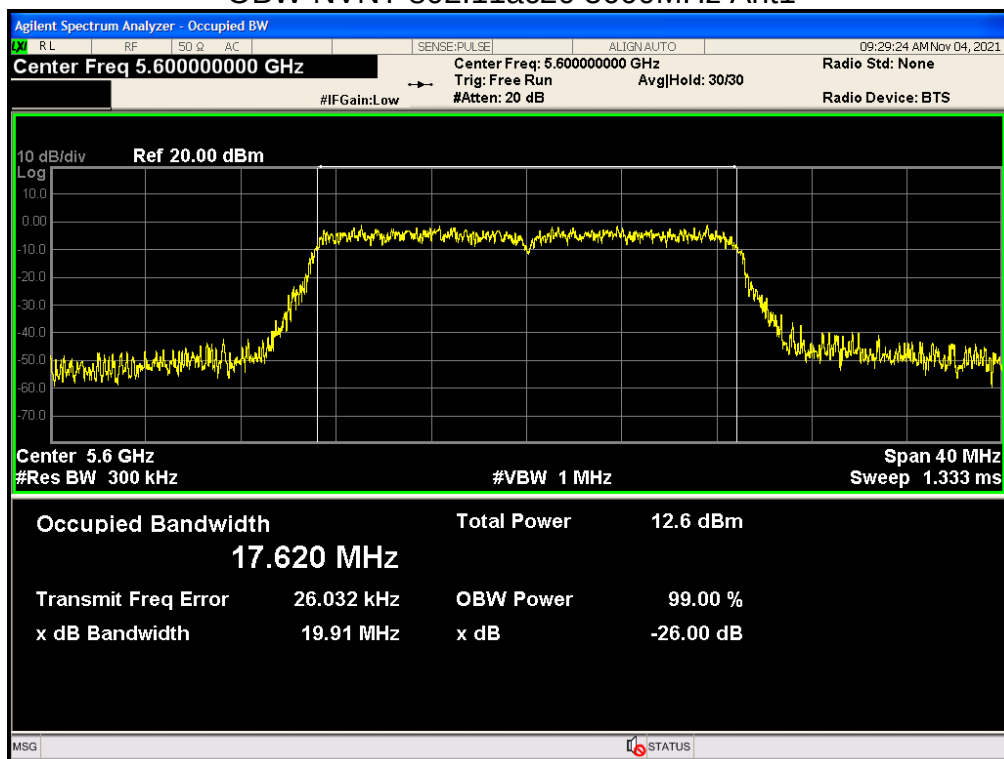
OBW NVNT 802.11a 5700MHz Ant1



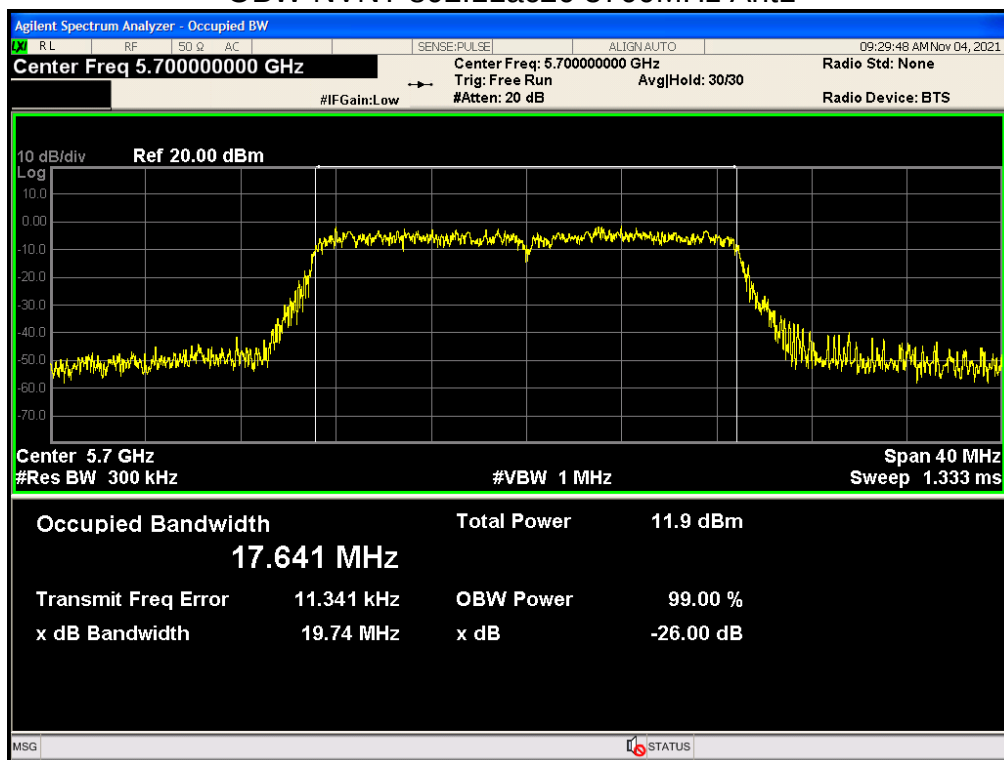
OBW NVNT 802.11ac20 5500MHz Ant1



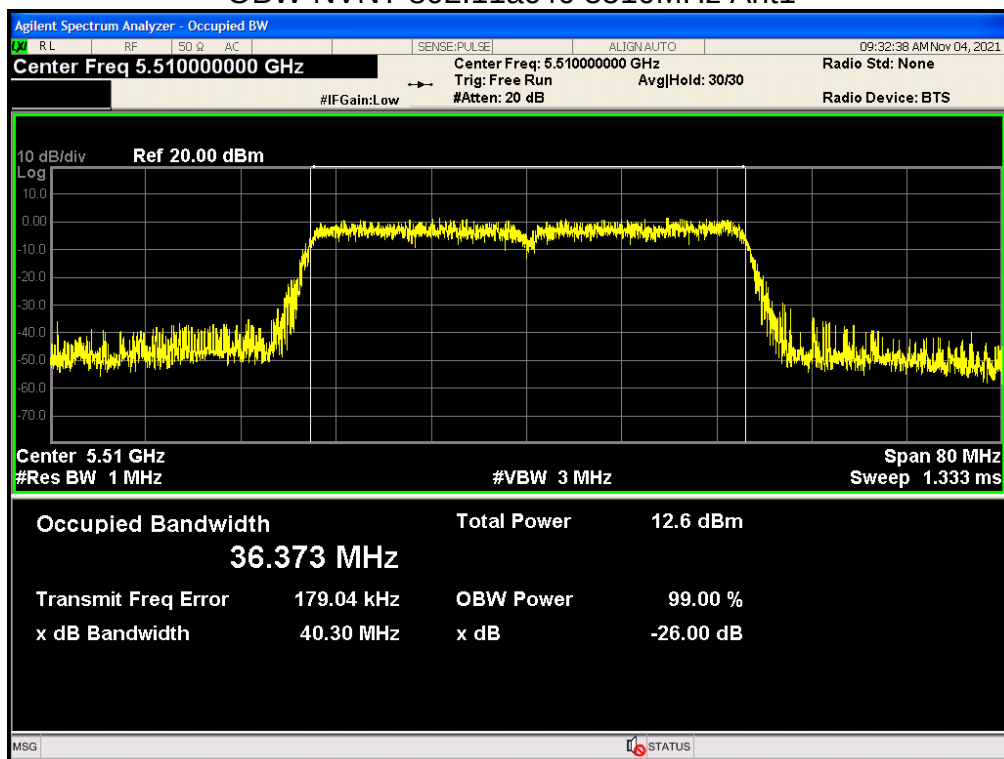
OBW NVNT 802.11ac20 5600MHz Ant1



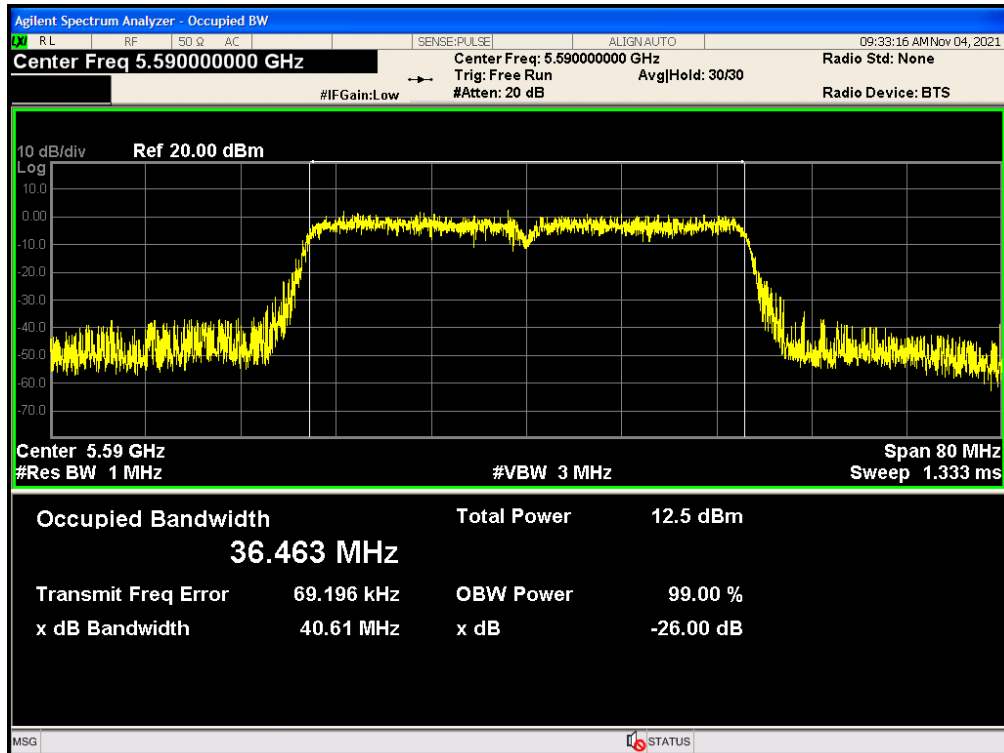
OBW NVNT 802.11ac20 5700MHz Ant1



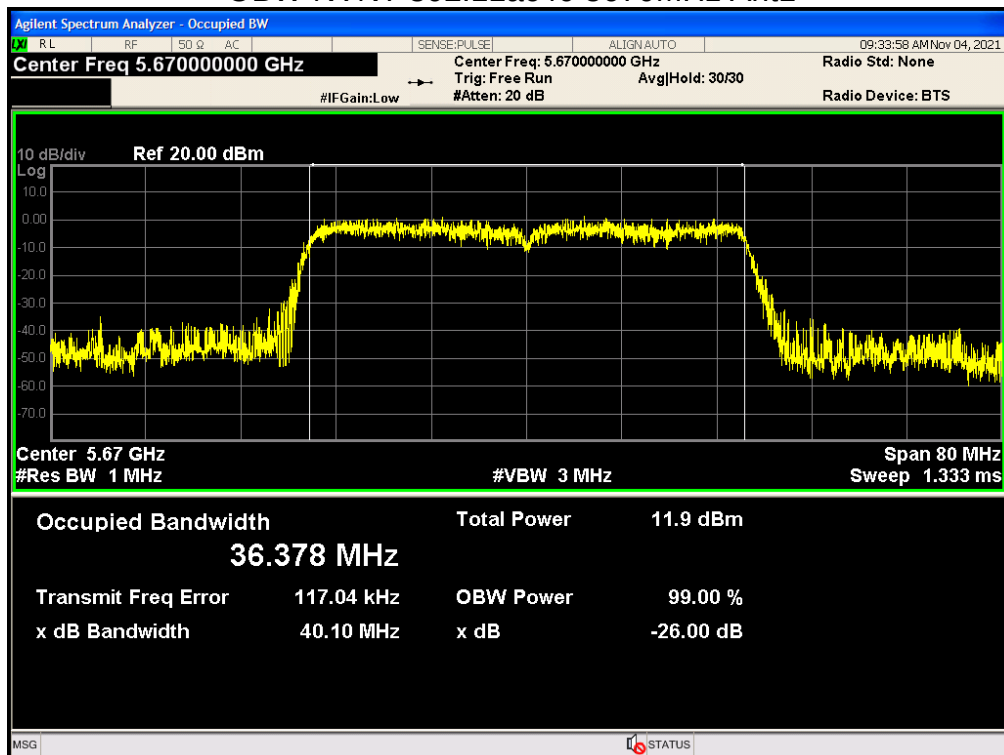
OBW NVNT 802.11ac40 5510MHz Ant1



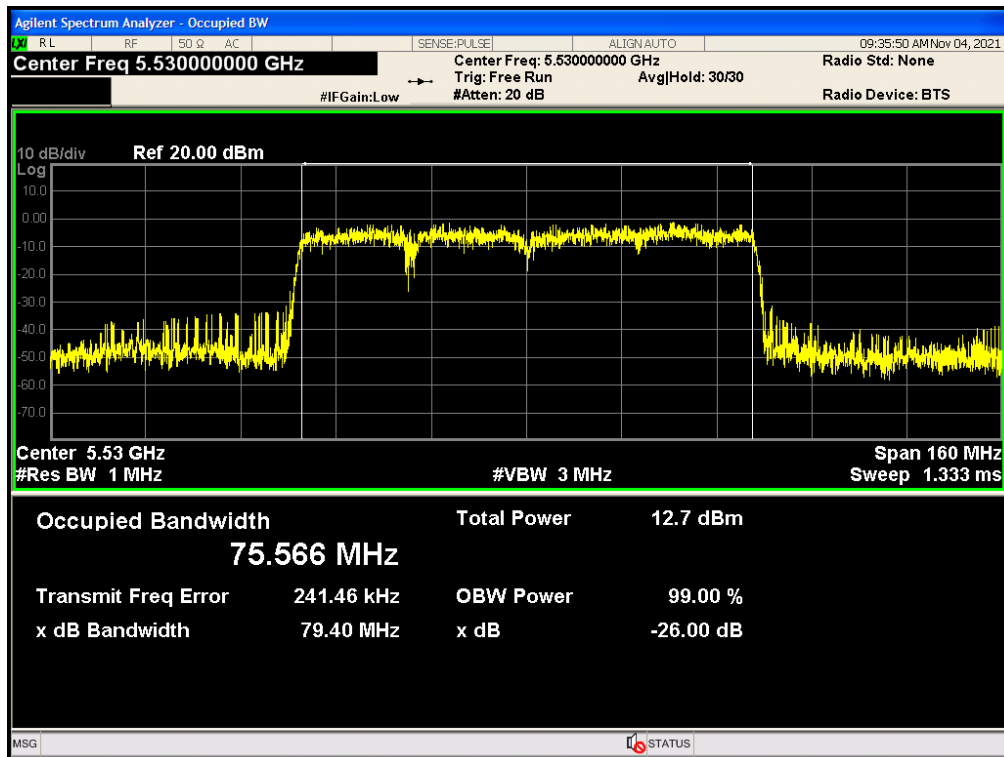
OBW NVNT 802.11ac40 5590MHz Ant1



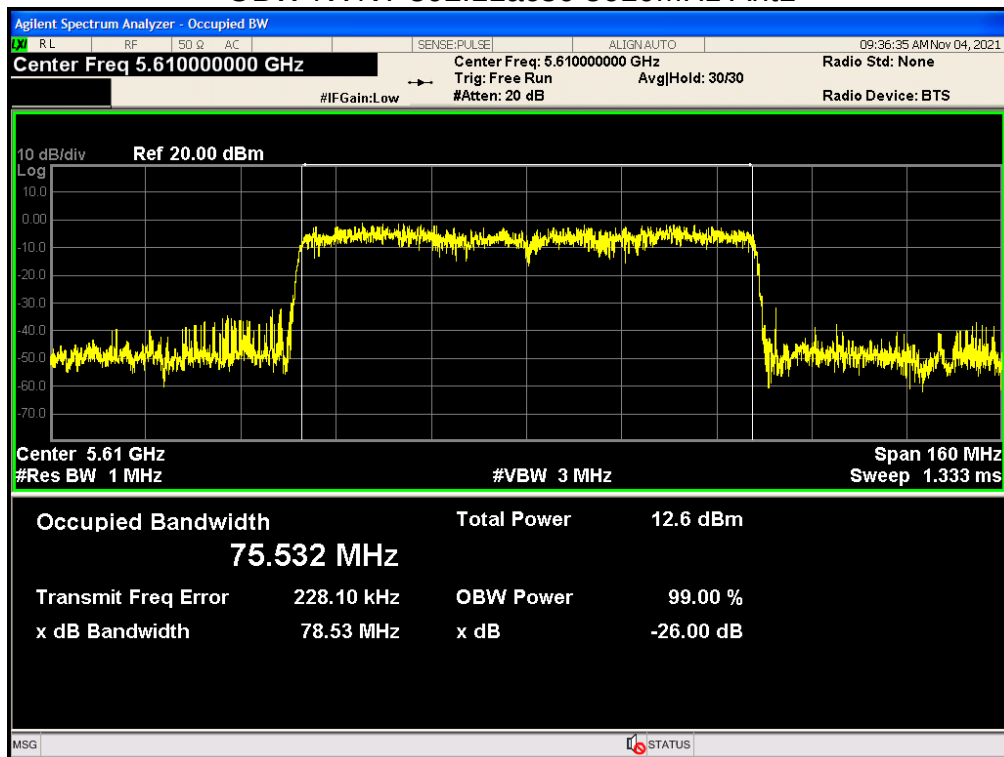
OBW NVNT 802.11ac40 5670MHz Ant1



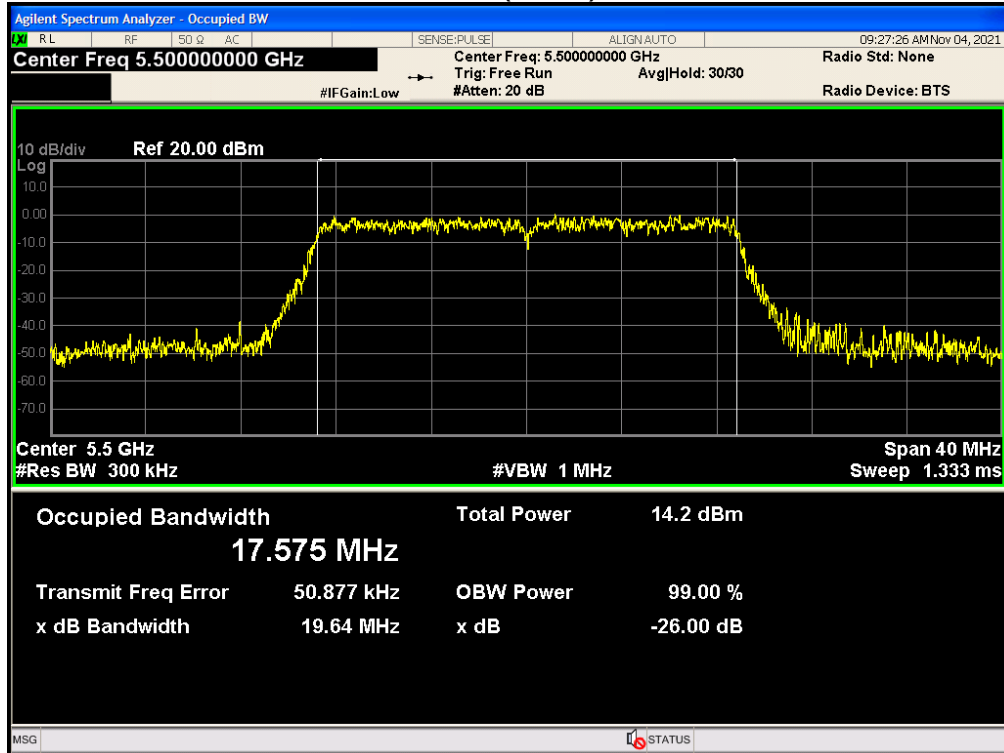
OBW NVNT 802.11ac80 5530MHz Ant1



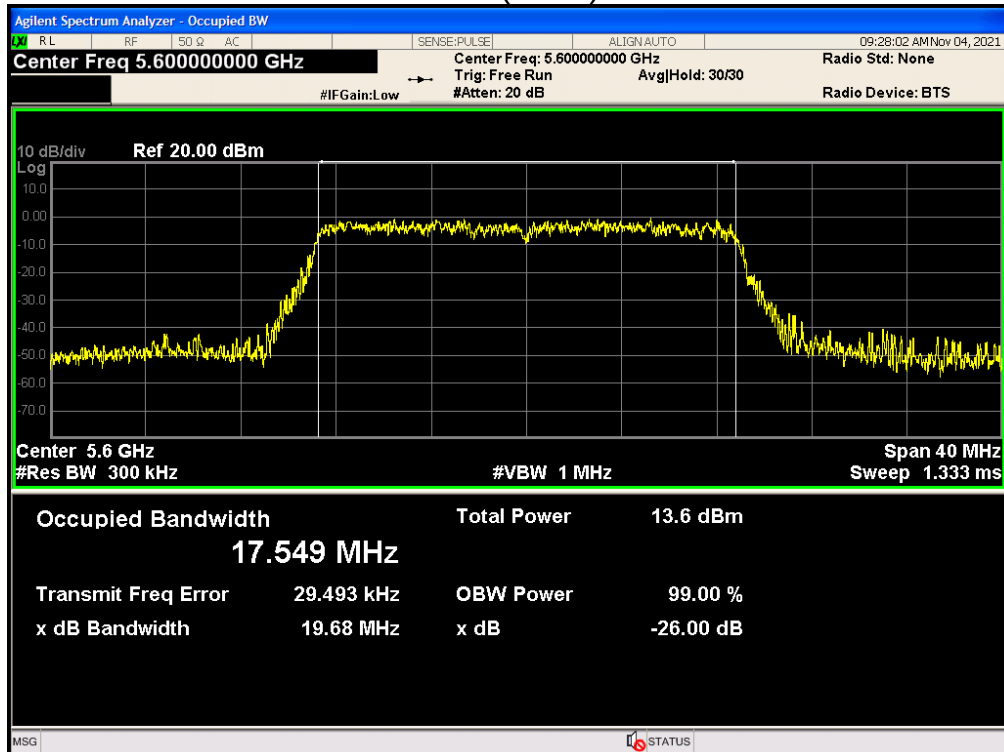
OBW NVNT 802.11ac80 5610MHz Ant1



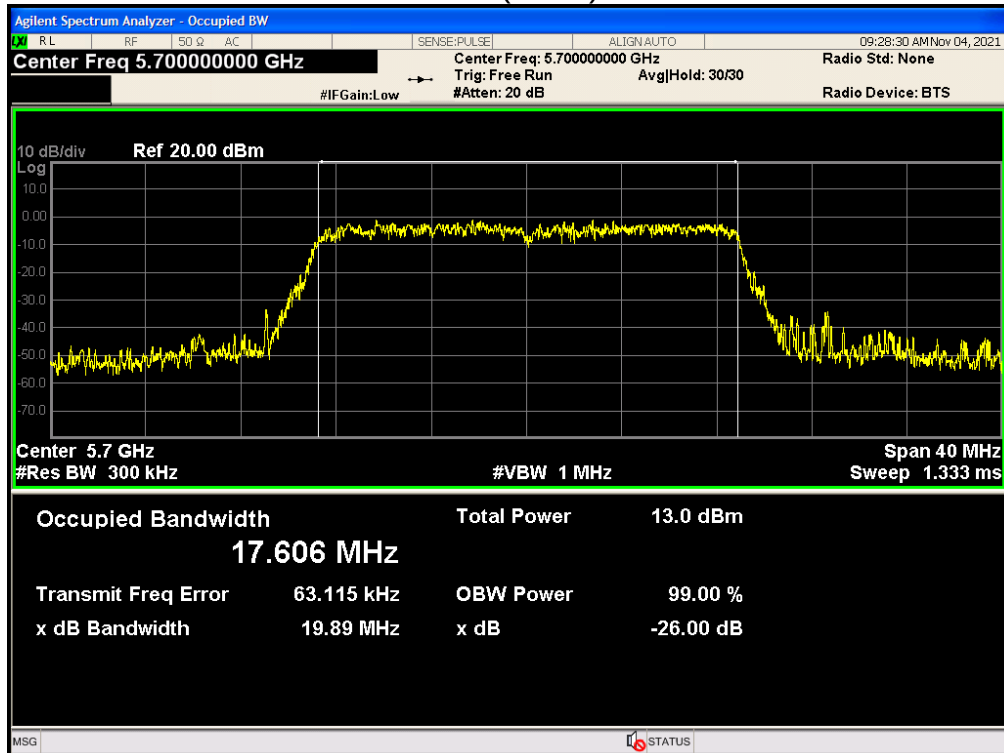
OBW NVNT 802.11n(HT20) 5500MHz Ant1



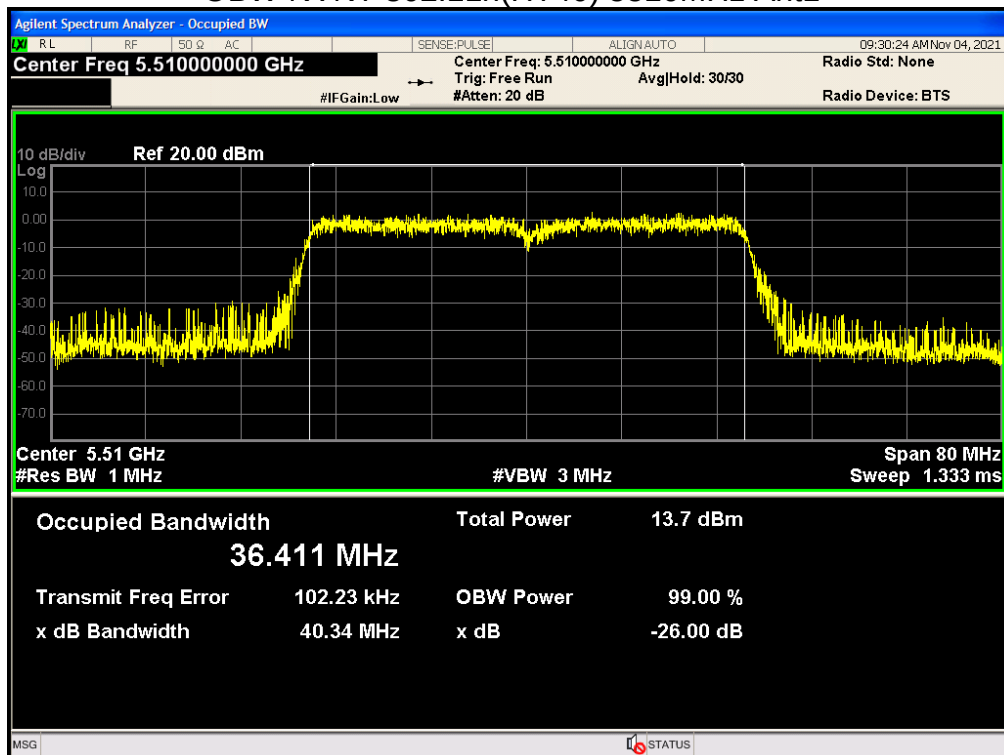
OBW NVNT 802.11n(HT20) 5600MHz Ant1



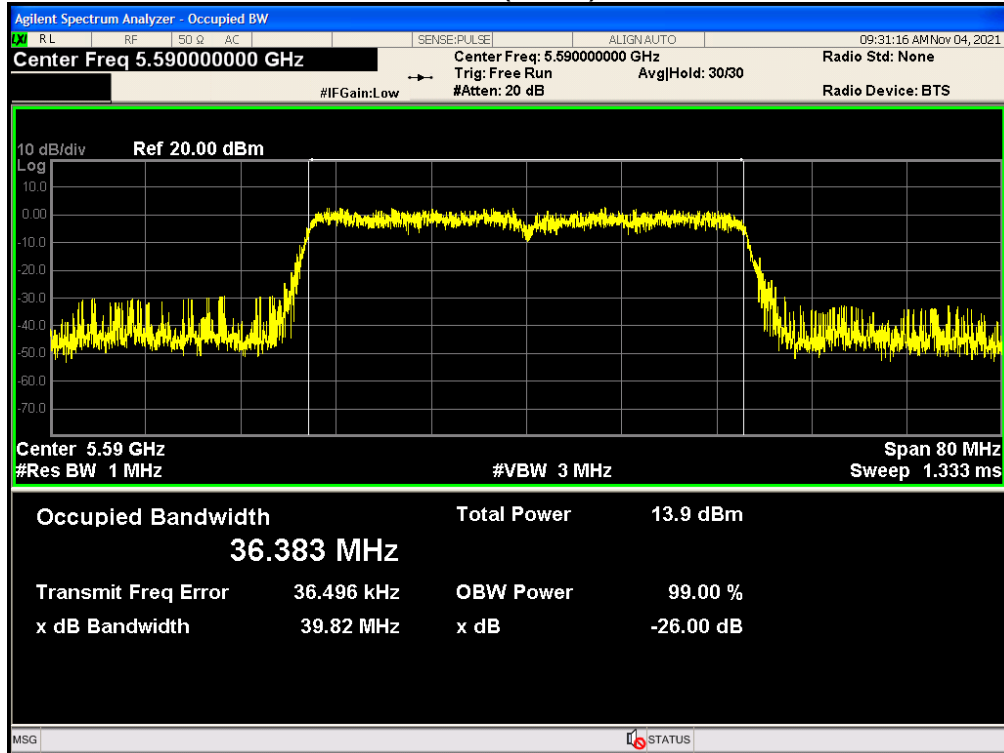
OBW NVNT 802.11n(HT20) 5700MHz Ant1



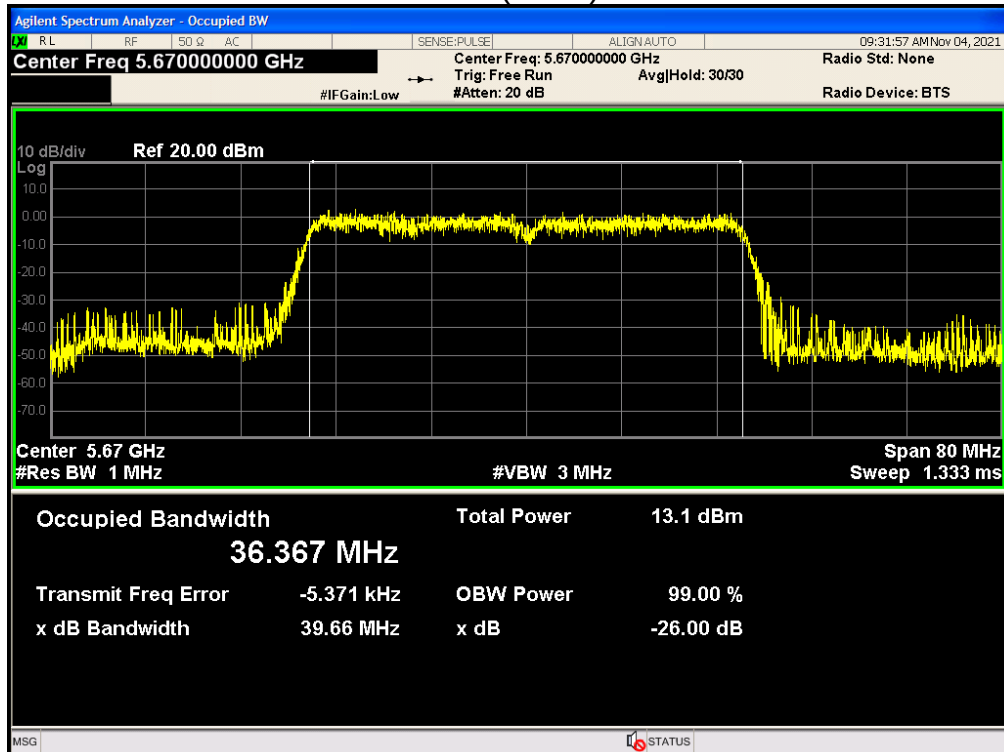
OBW NVNT 802.11n(HT40) 5510MHz Ant1



OBW NVNT 802.11n(HT40) 5590MHz Ant1



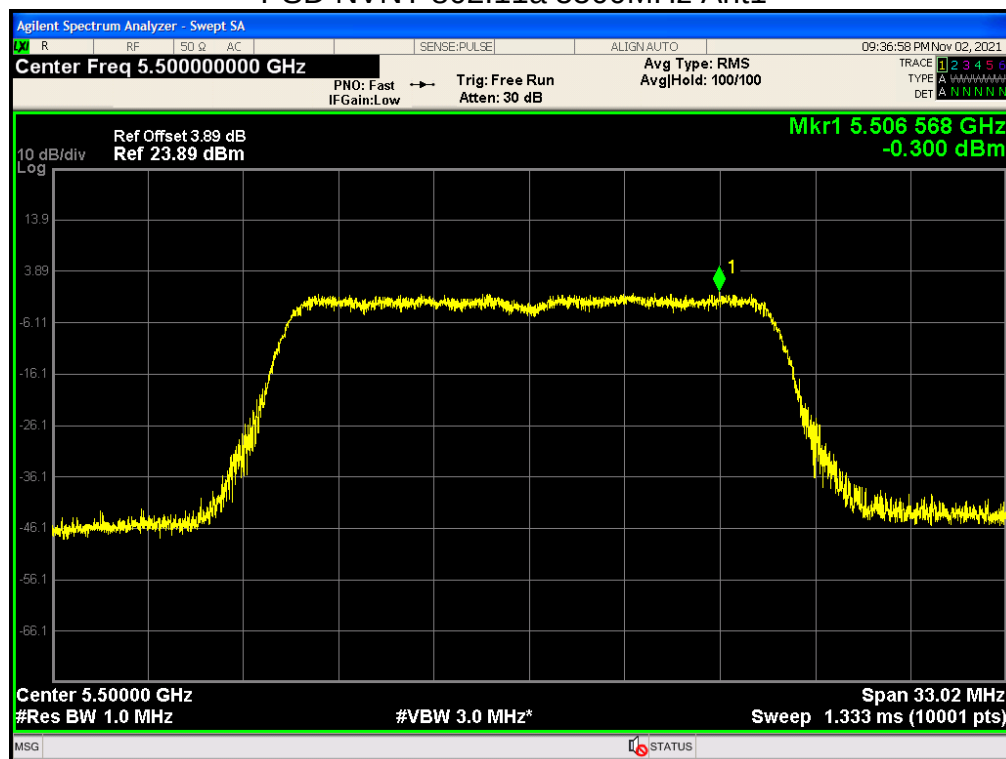
OBW NVNT 802.11n(HT40) 5670MHz Ant1



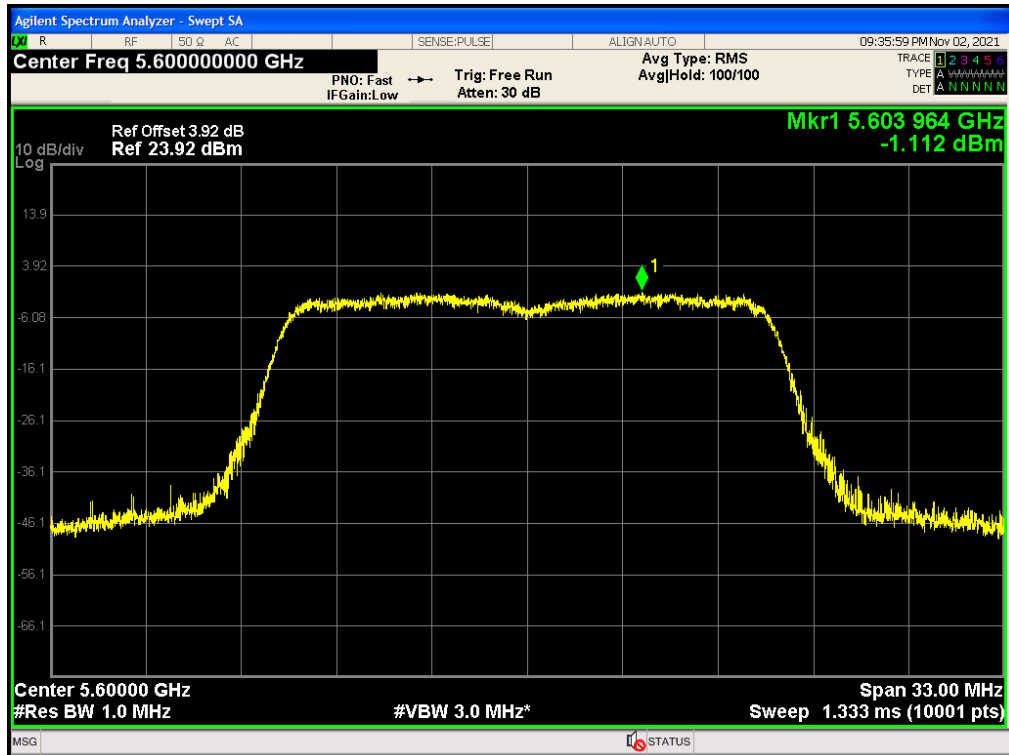
Maximum Power Spectral Density Level

Condition	Mode	Frequency (MHz)	Antenna	Max PSD (dBm)	Limit (dBm)	Verdict
NVNT	802.11a	5500	Ant 1	-0.3	11	Pass
NVNT	802.11a	5600	Ant 1	-1.112	11	Pass
NVNT	802.11a	5700	Ant 1	-2.126	11	Pass
NVNT	802.11ac20	5500	Ant 1	-0.995	11	Pass
NVNT	802.11ac20	5600	Ant 1	-2.278	11	Pass
NVNT	802.11ac20	5700	Ant 1	-3.248	11	Pass
NVNT	802.11ac40	5510	Ant 1	-5.338	11	Pass
NVNT	802.11ac40	5590	Ant 1	-5.92	11	Pass
NVNT	802.11ac40	5670	Ant 1	-6.299	11	Pass
NVNT	802.11ac80	5530	Ant 1	-9.056	11	Pass
NVNT	802.11ac80	5610	Ant 1	-8.704	11	Pass
NVNT	802.11n(HT20)	5500	Ant 1	0.25	11	Pass
NVNT	802.11n(HT20)	5600	Ant 1	-1.001	11	Pass
NVNT	802.11n(HT20)	5700	Ant 1	-1.904	11	Pass
NVNT	802.11n(HT40)	5510	Ant 1	-4.132	11	Pass
NVNT	802.11n(HT40)	5590	Ant 1	-4.223	11	Pass
NVNT	802.11n(HT40)	5670	Ant 1	-5.5	11	Pass

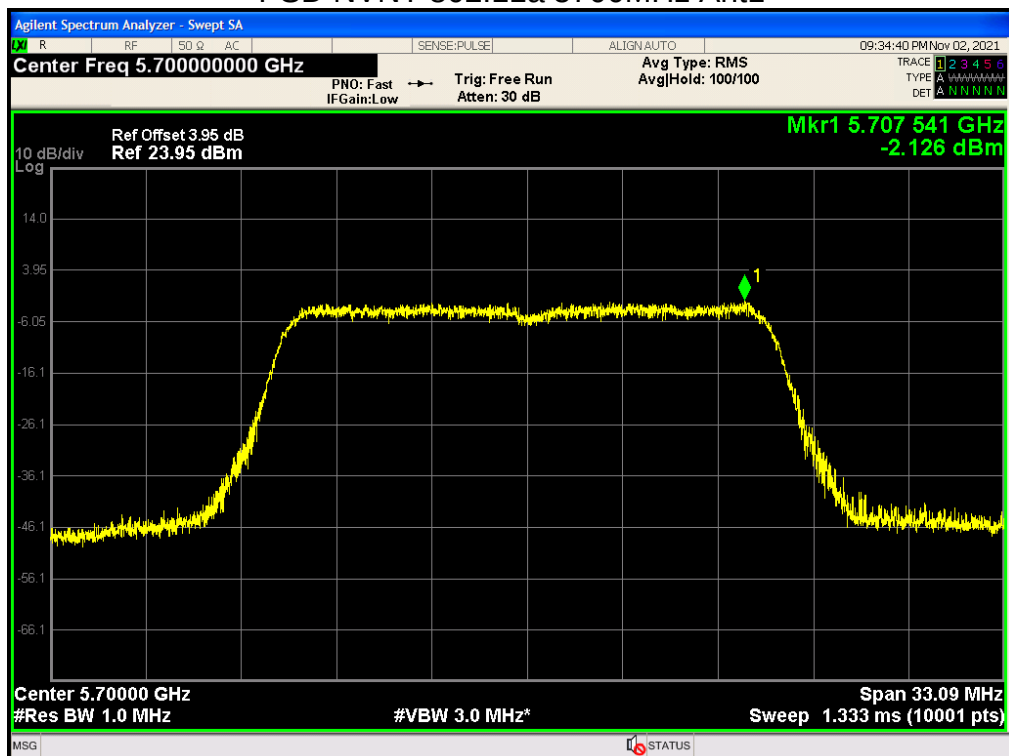
PSD NVNT 802.11a 5500MHz Ant1



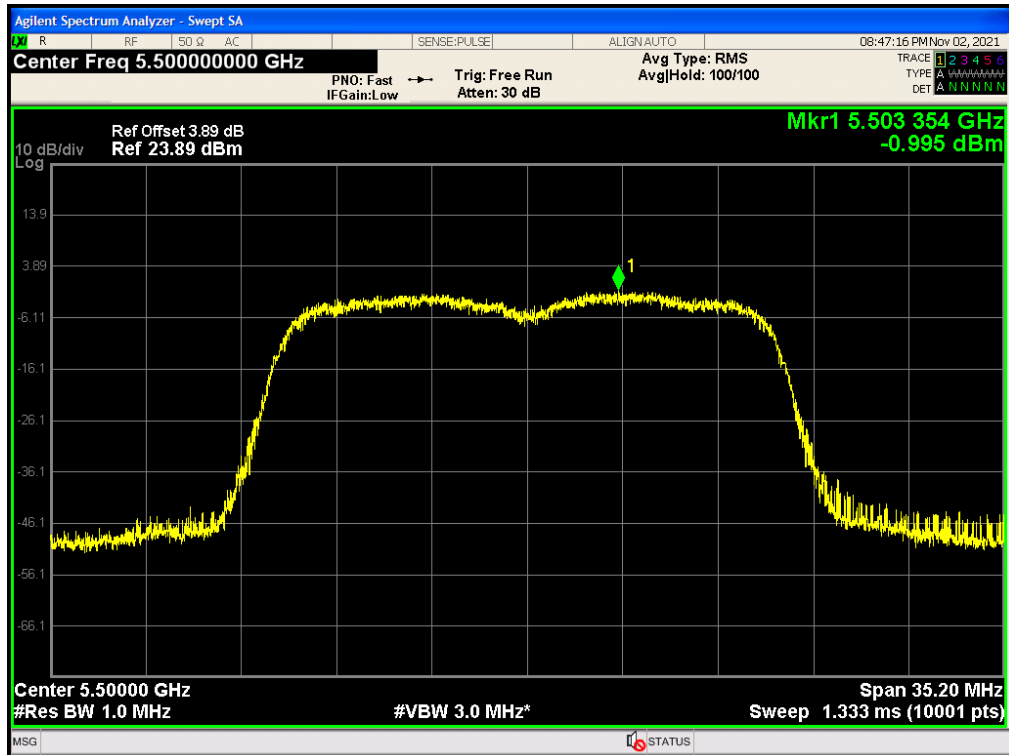
PSD NVNT 802.11a 5600MHz Ant1



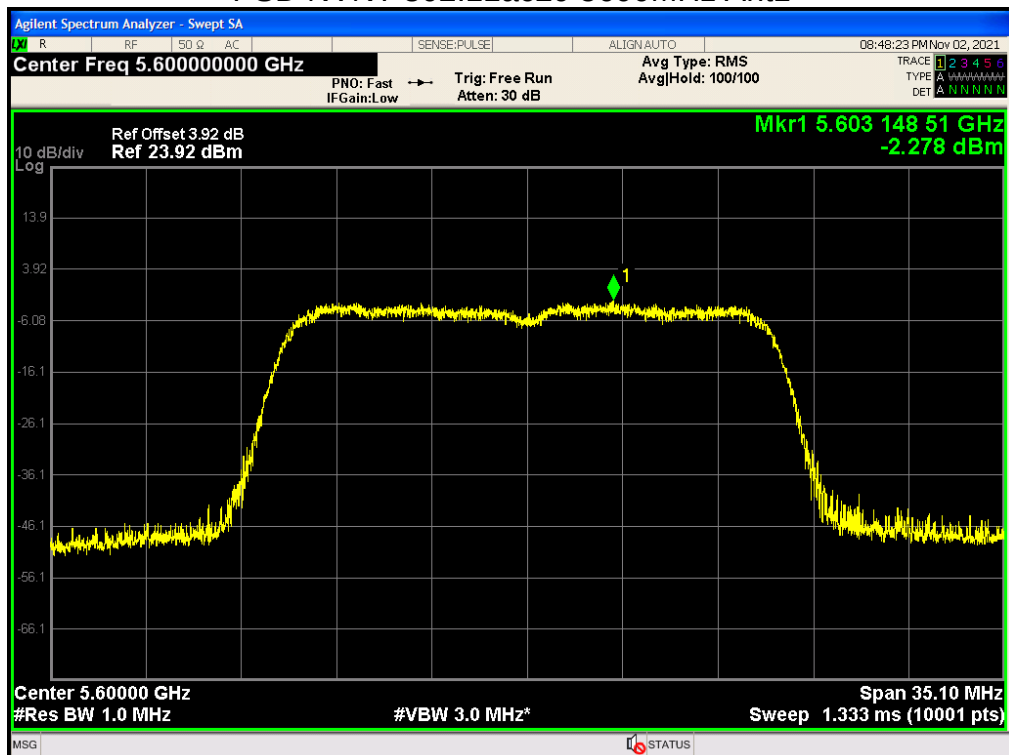
PSD NVNT 802.11a 5700MHz Ant1



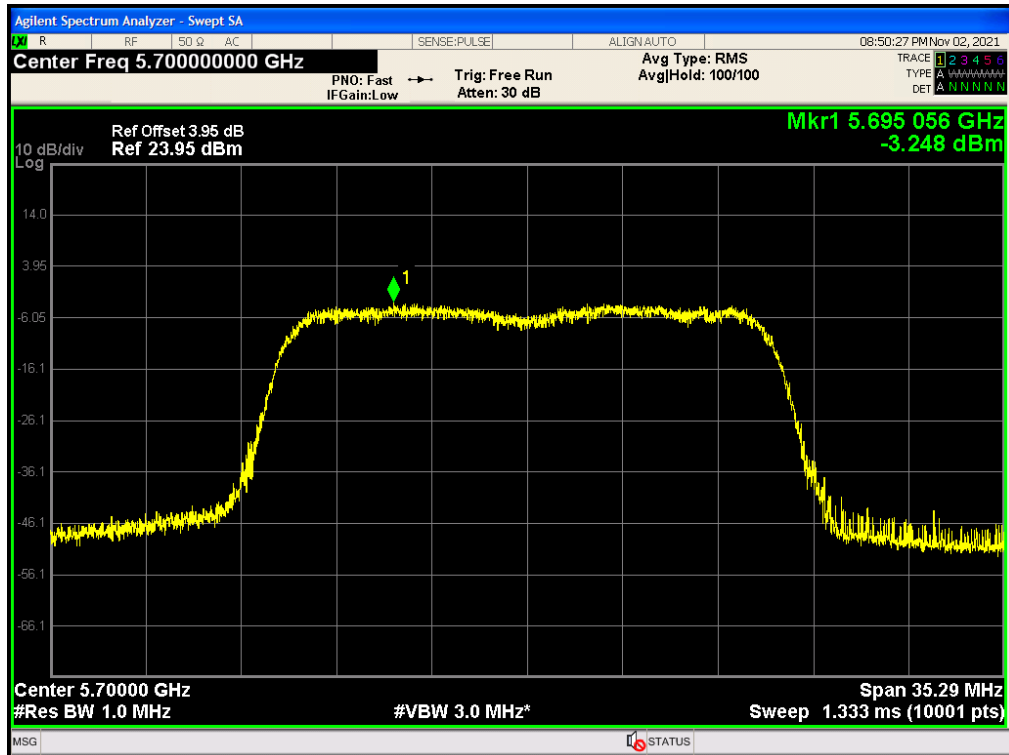
PSD NVNT 802.11ac20 5500MHz Ant1



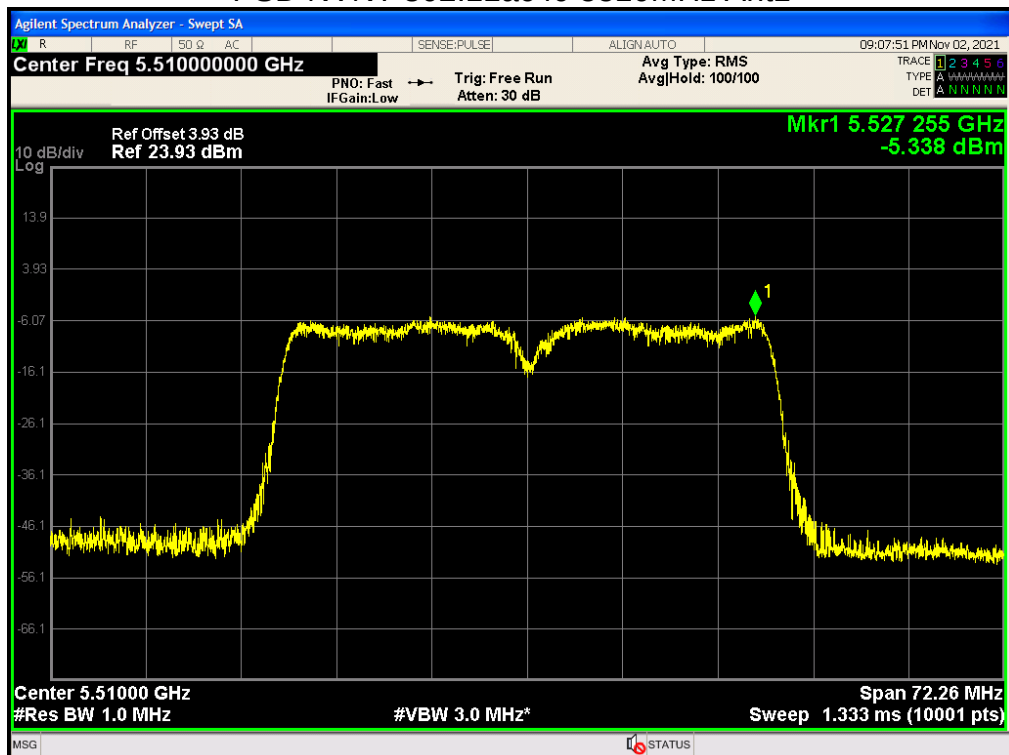
PSD NVNT 802.11ac20 5600MHz Ant1



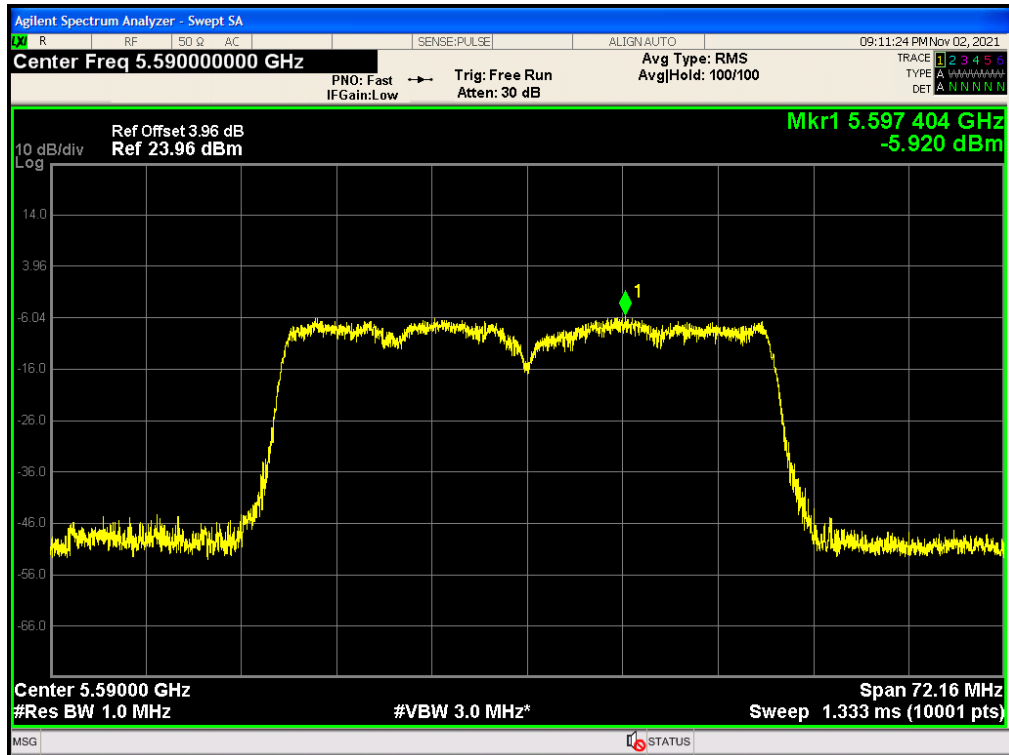
PSD NVNT 802.11ac20 5700MHz Ant1



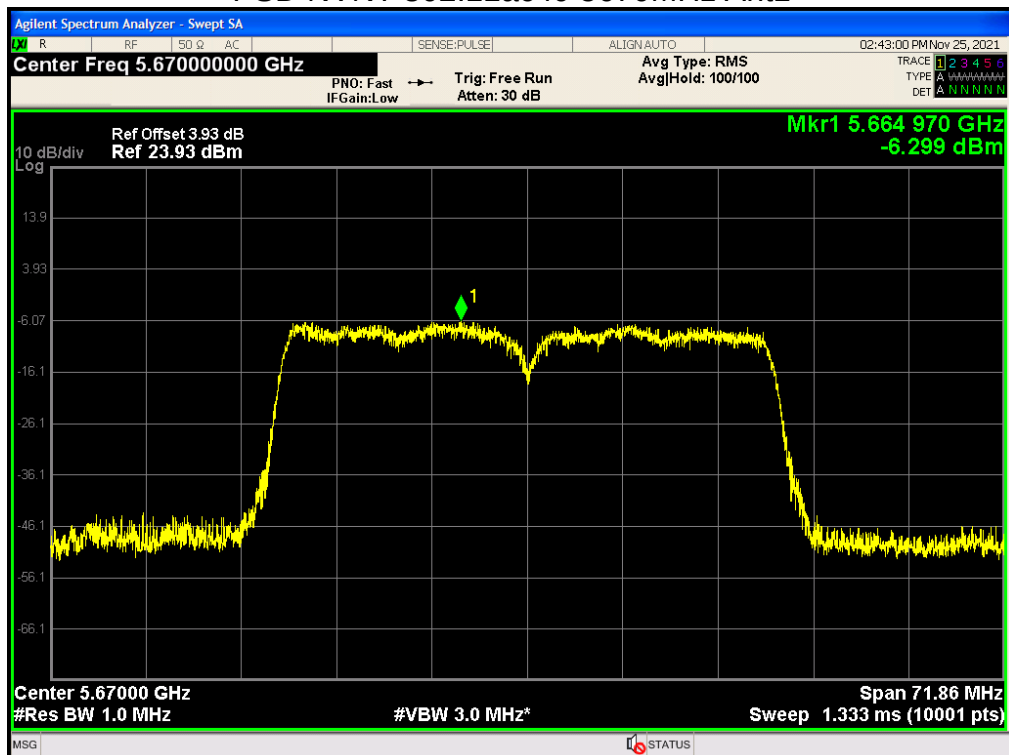
PSD NVNT 802.11ac40 5510MHz Ant1



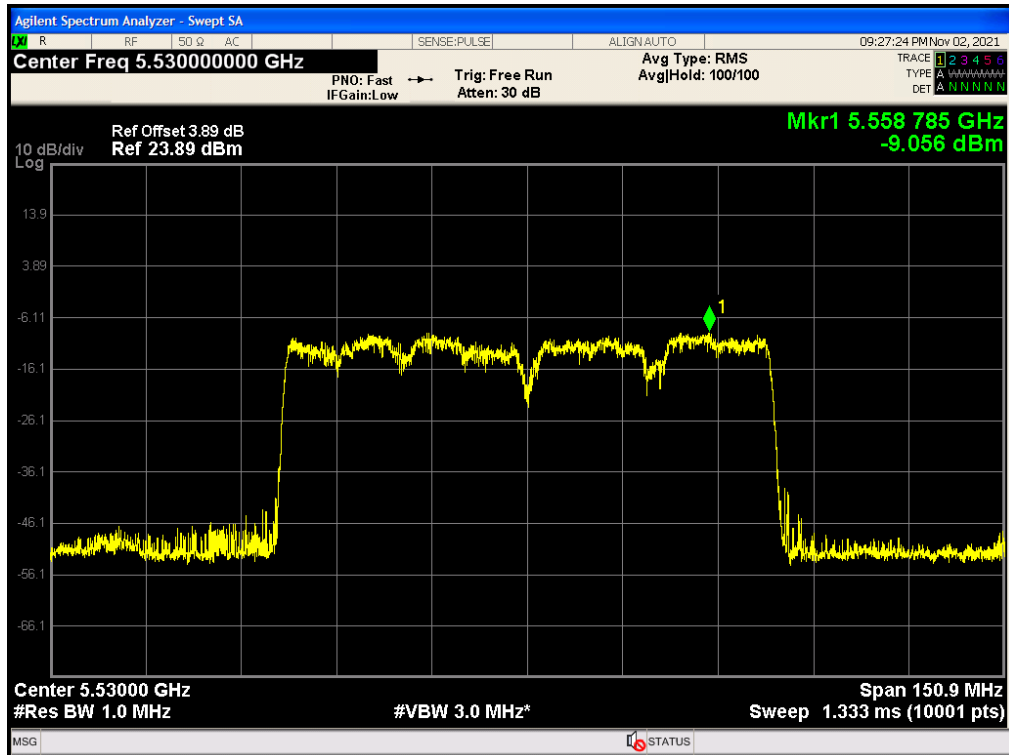
PSD NVNT 802.11ac40 5590MHz Ant1



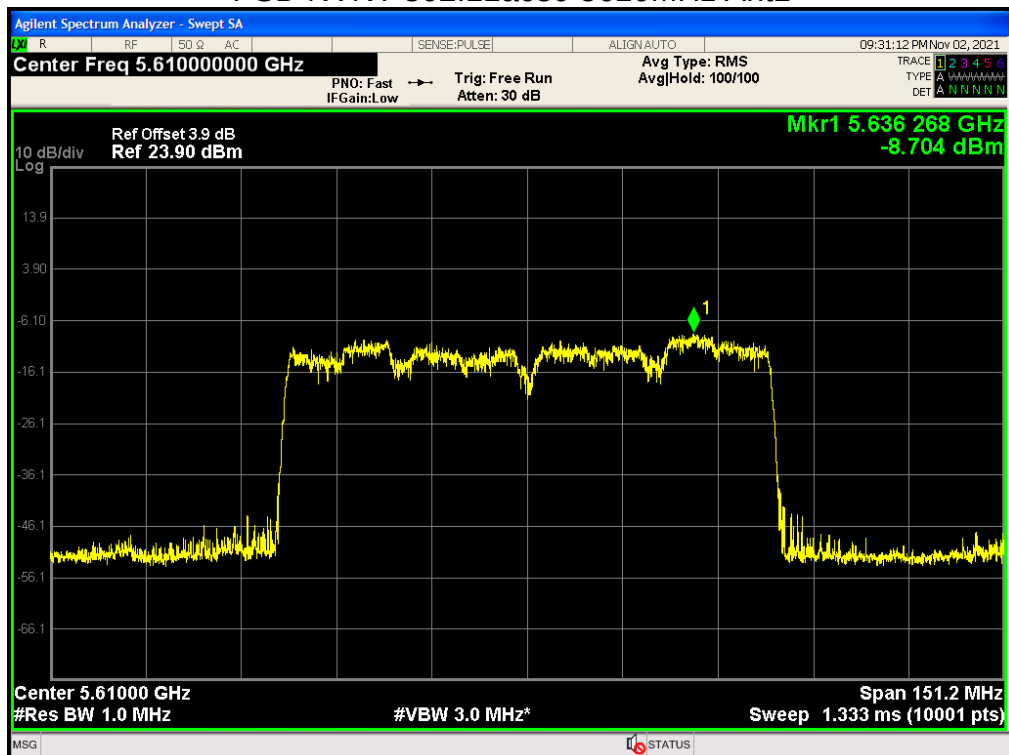
PSD NVNT 802.11ac40 5670MHz Ant1



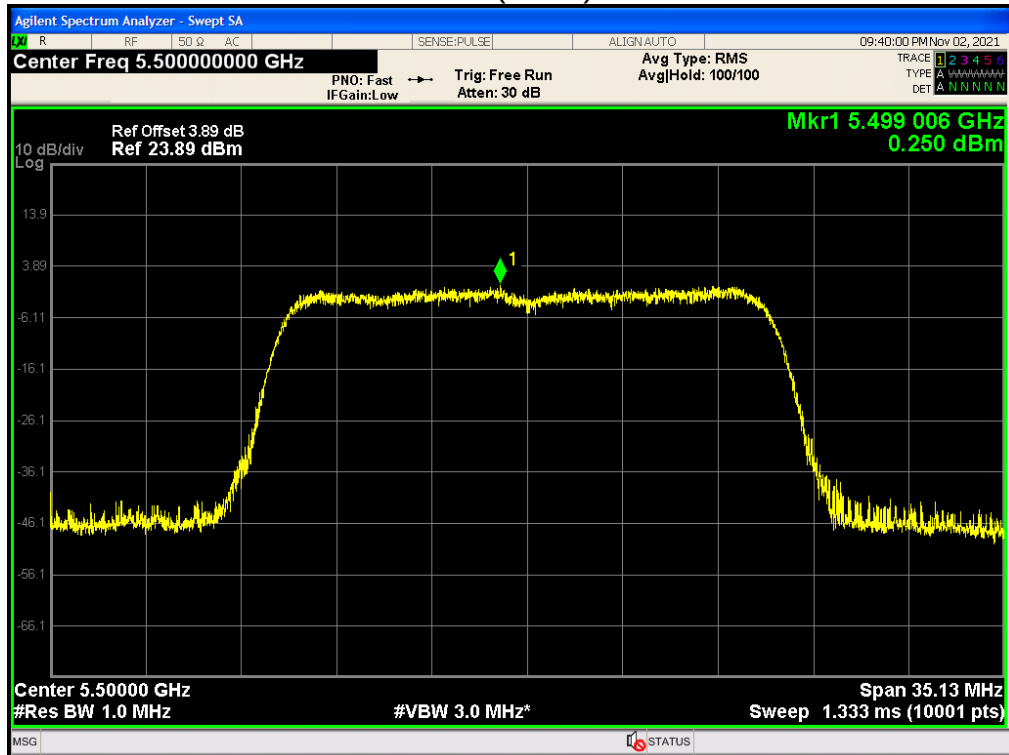
PSD NVNT 802.11ac80 5530MHz Ant1



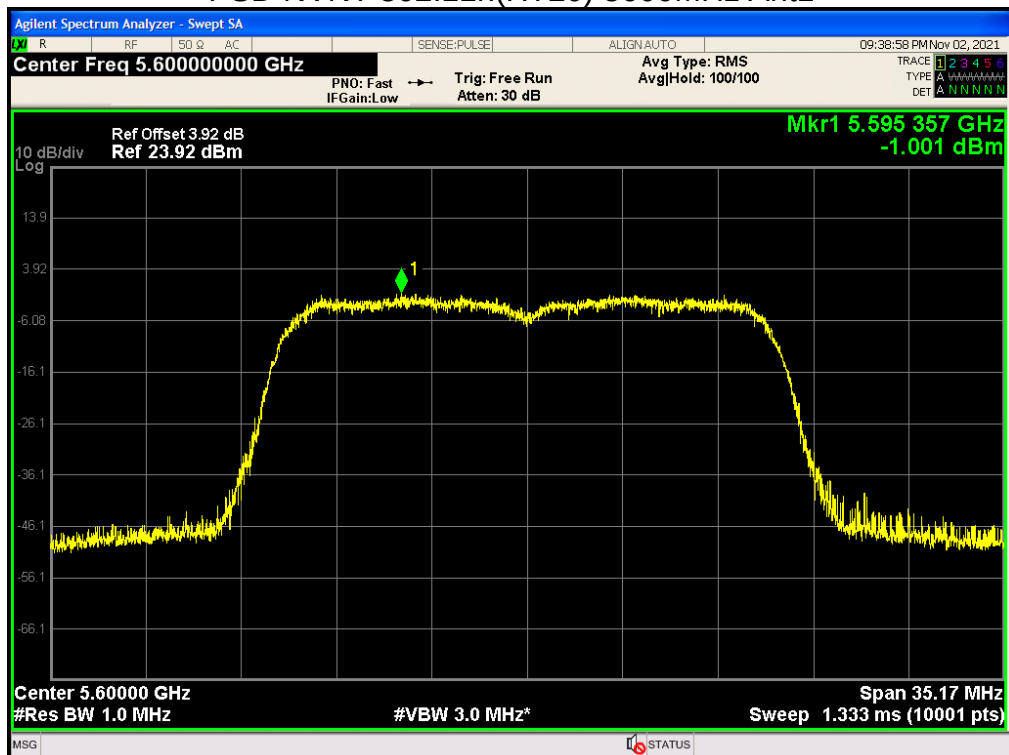
PSD NVNT 802.11ac80 5610MHz Ant1



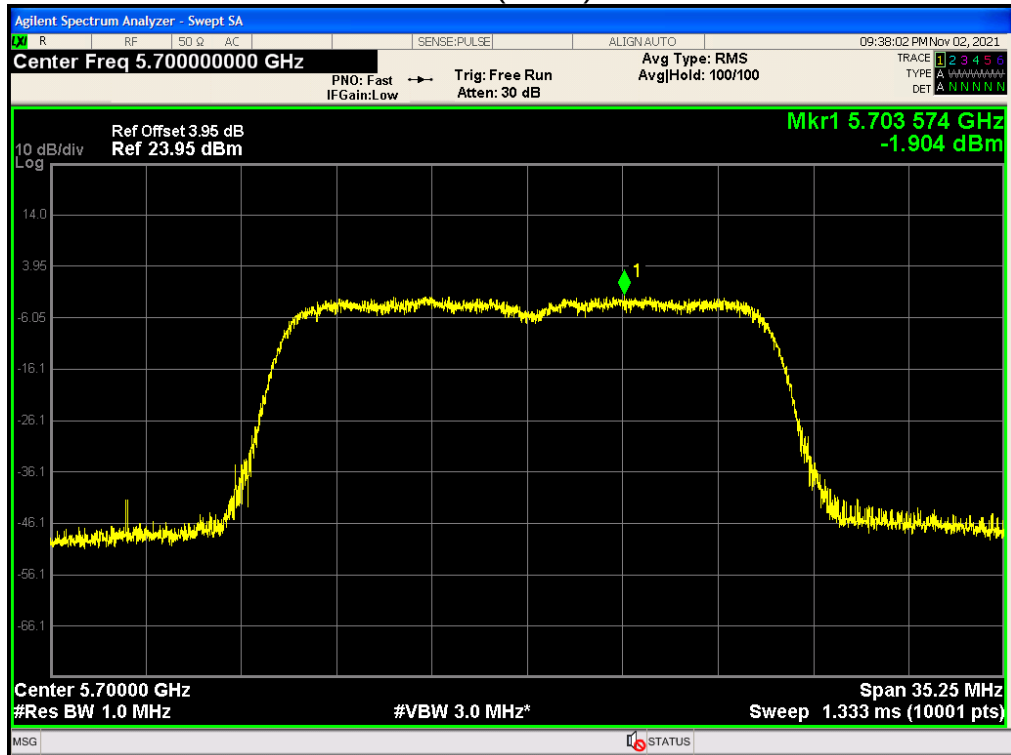
PSD NVNT 802.11n(HT20) 5500MHz Ant1



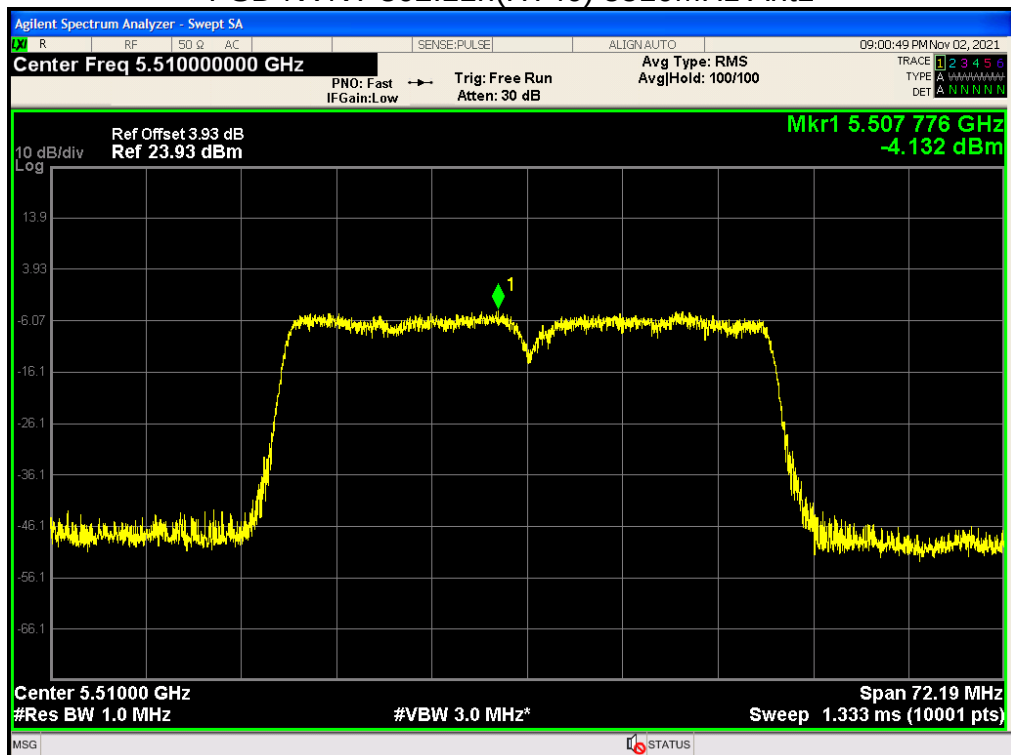
PSD NVNT 802.11n(HT20) 5600MHz Ant1



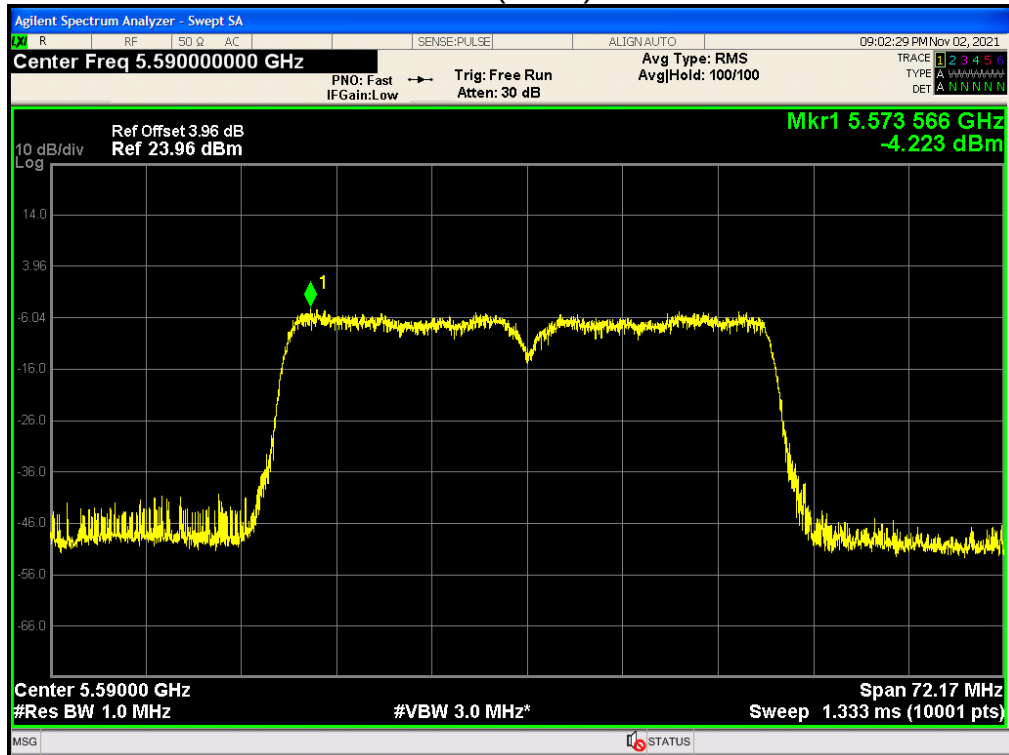
PSD NVNT 802.11n(HT20) 5700MHz Ant1



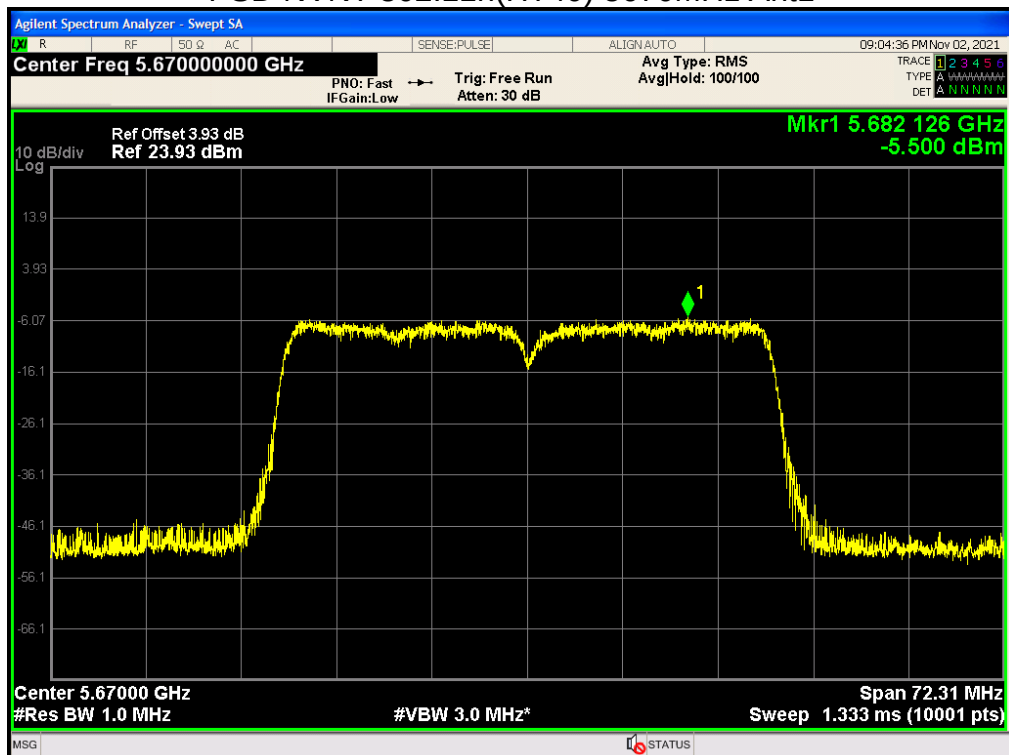
PSD NVNT 802.11n(HT40) 5510MHz Ant1



PSD NVNT 802.11n(HT40) 5590MHz Ant1



PSD NVNT 802.11n(HT40) 5670MHz Ant1



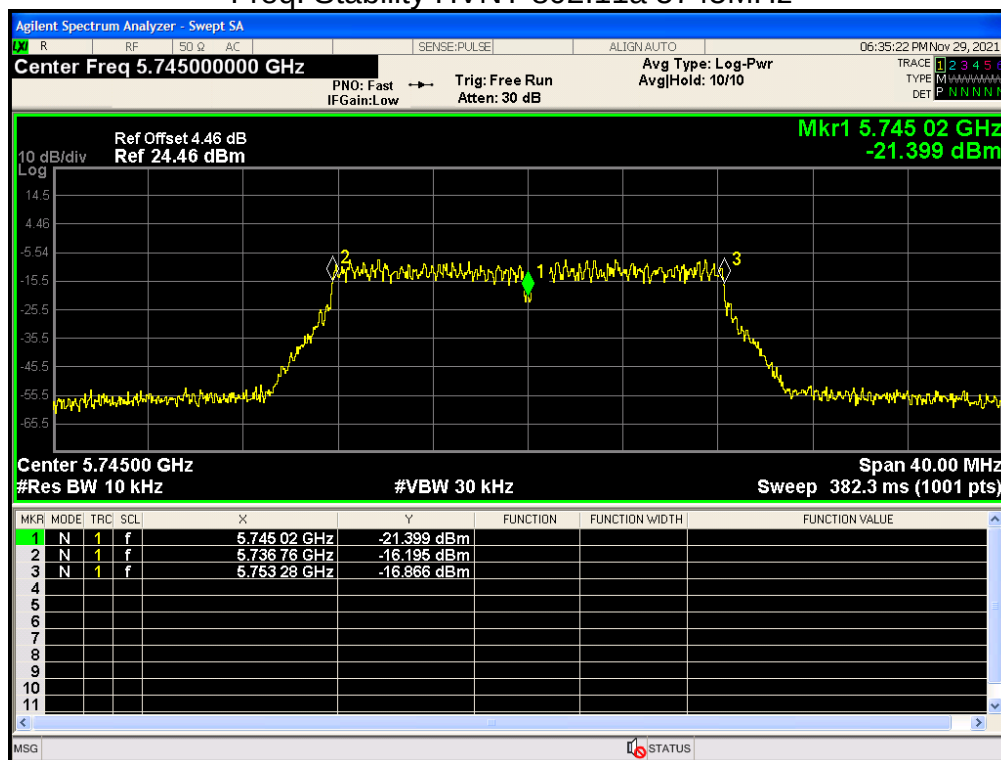
Appendix A – 5.8G Wi-Fi

Frequency Stability

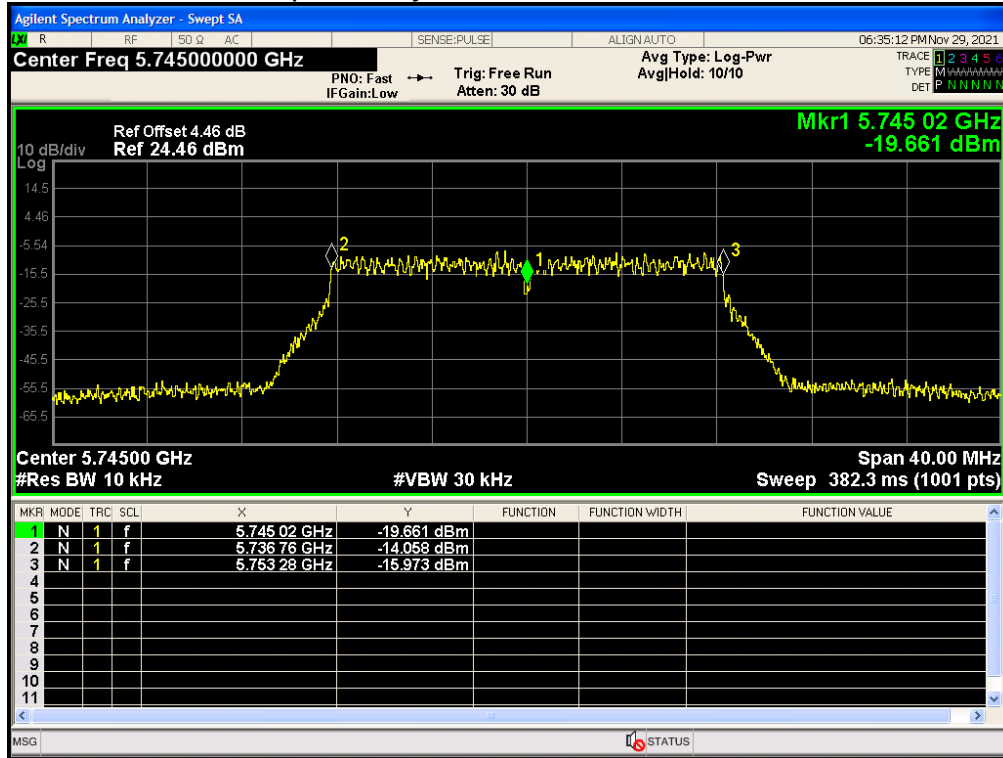
Condition	Mode	Frequency (MHz)	Measured Frequency (MHz)	Deviation (ppm)	Limit	Verdict
HVNT	802.11a	5745	5745.02	3.48	within the band	Pass
LVNT	802.11a	5745	5745.02	3.48		Pass
NVHT	802.11a	5745	5745.02	3.48		Pass
NVLT	802.11a	5745	5745.02	3.48		Pass
NVNT	802.11a	5745	5745.02	3.48		Pass
HVNT	802.11ac80	5775	5774.92	13.85		Pass
LVNT	802.11ac80	5775	5775	0		Pass
NVHT	802.11ac80	5775	5774.92	13.85		Pass
NVLT	802.11ac80	5775	5775	0		Pass
NVNT	802.11ac80	5775	5774.92	13.85		Pass
HVNT	802.11n(HT40)	5755	5755.04	6.95		Pass
LVNT	802.11n(HT40)	5755	5755	0		Pass
NVHT	802.11n(HT40)	5755	5755	0		Pass
NVLT	802.11n(HT40)	5755	5755	0		Pass
NVNT	802.11n(HT40)	5755	5755	0		Pass

Remark: “NTNV” means Normal Temperature Normal Voltage, “HVNT” means High Voltage Normal Temperature, “LVNT” means Low Voltage Normal Temperature, “NVHT” means Normal Voltage High Temperature, “NVLT” means Normal Voltage Low Temperature

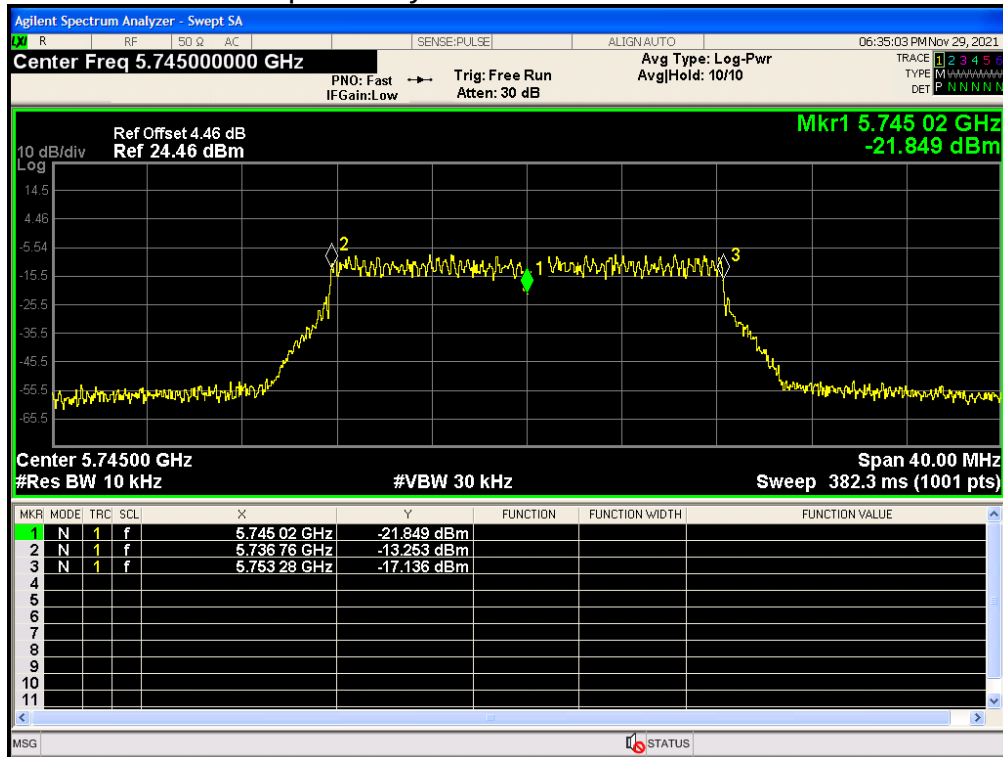
Freq. Stability HVNT 802.11a 5745MHz



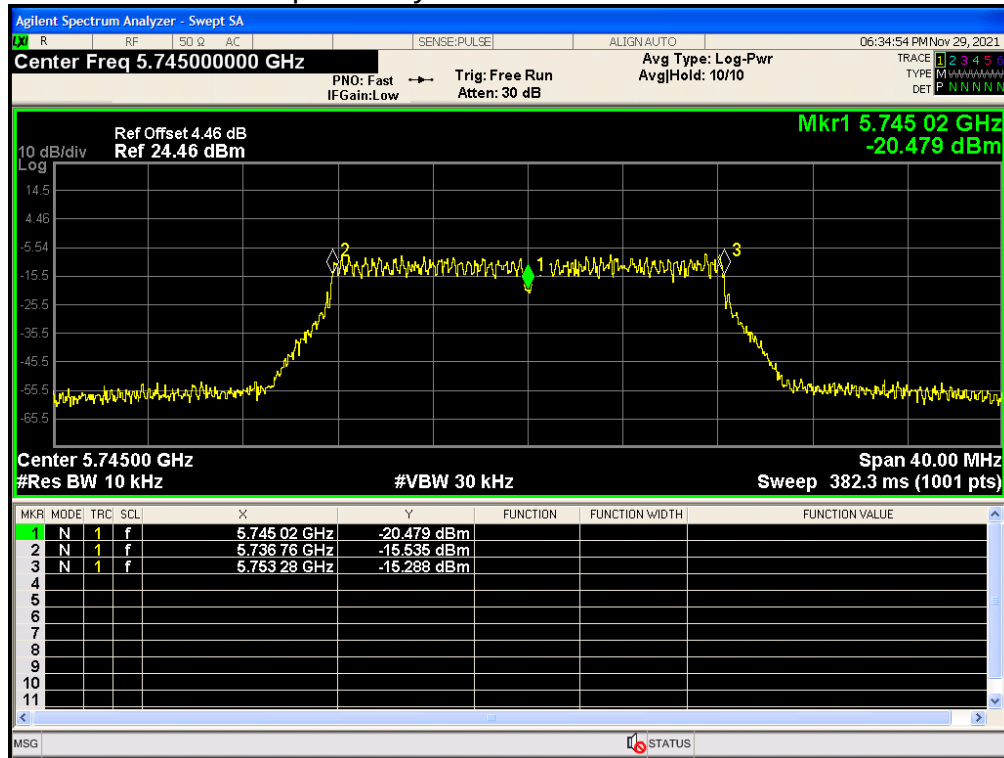
Freq. Stability LVNT 802.11a 5745MHz



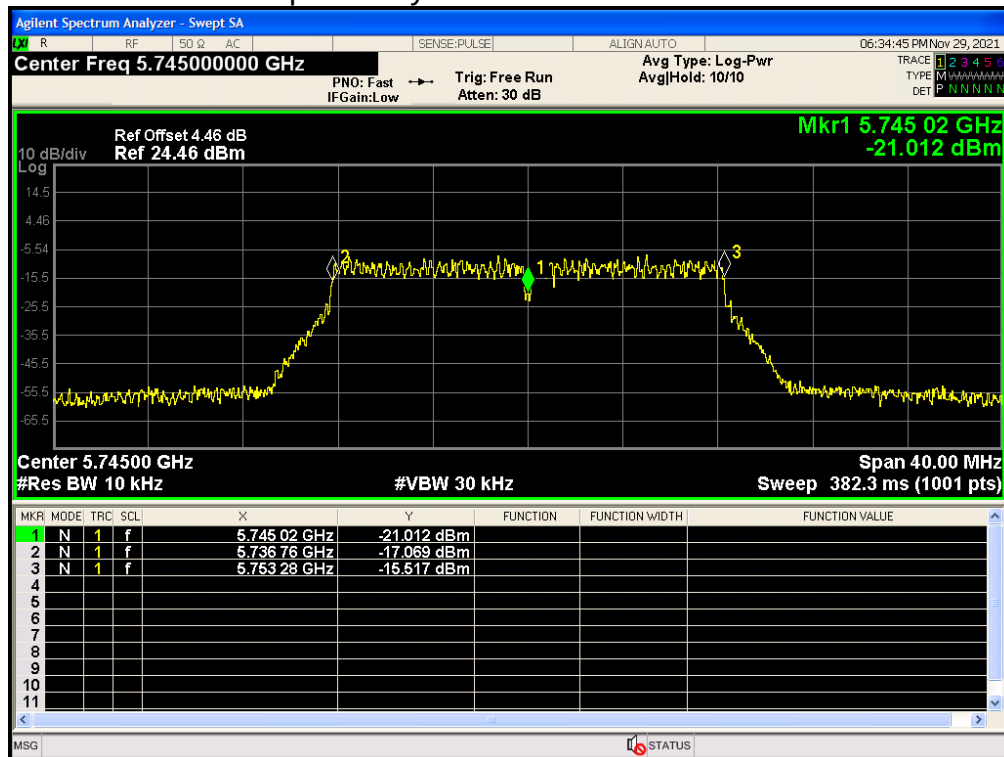
Freq. Stability NVHT 802.11a 5745MHz



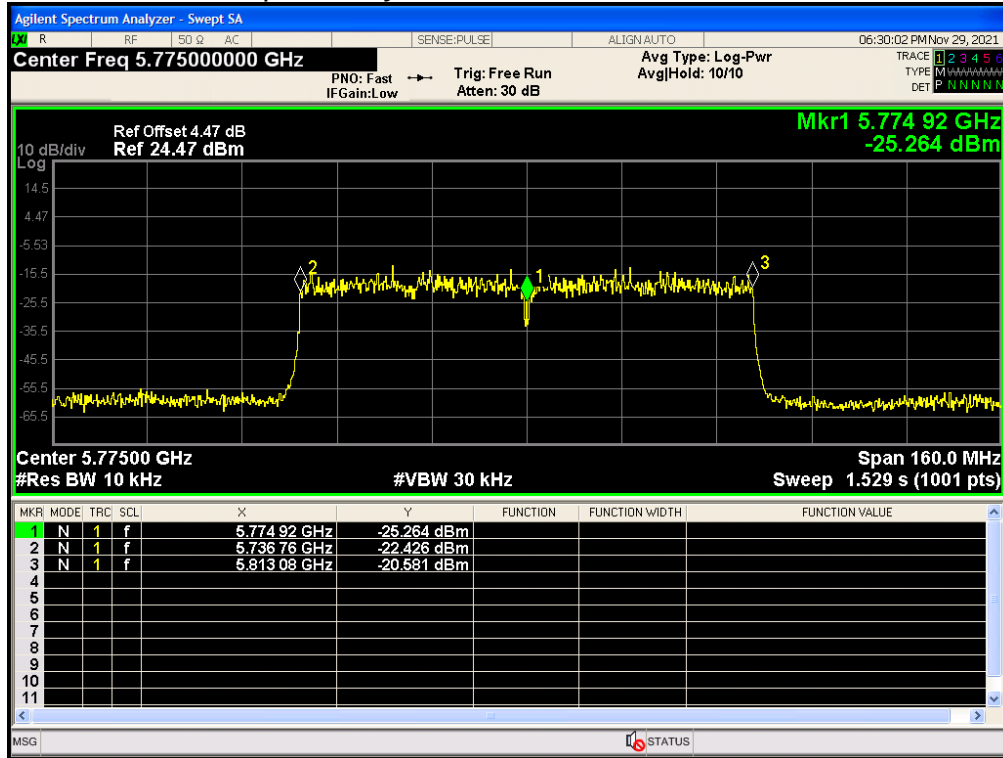
Freq. Stability NVLT 802.11a 5745MHz



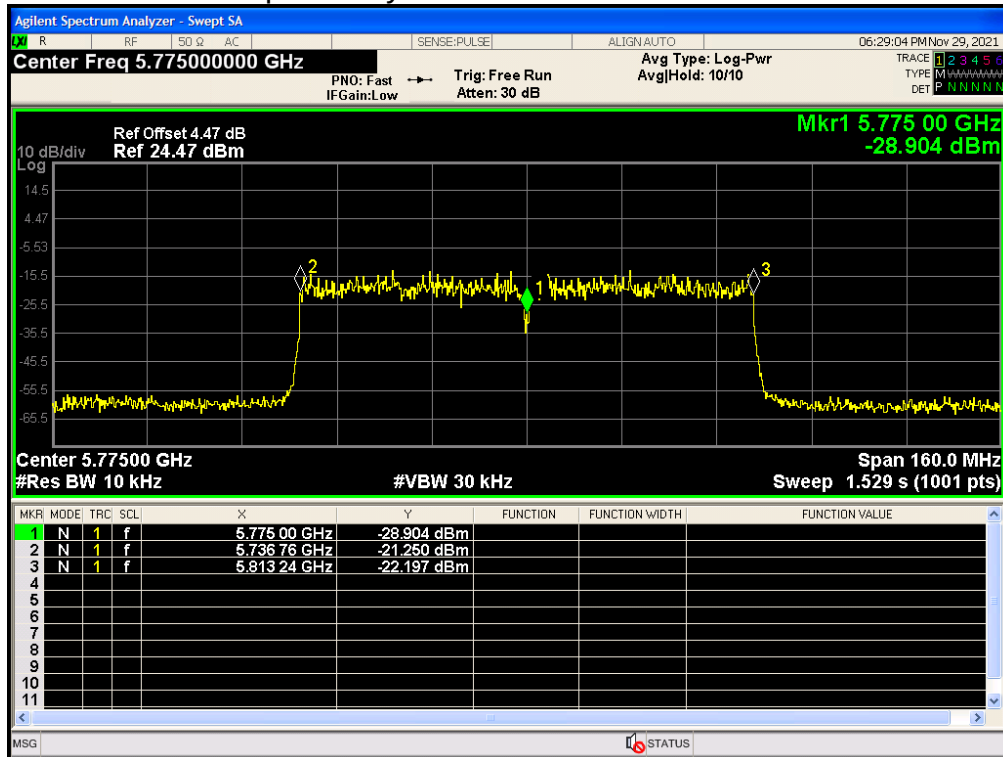
Freq. Stability NVNT 802.11a 5745MHz



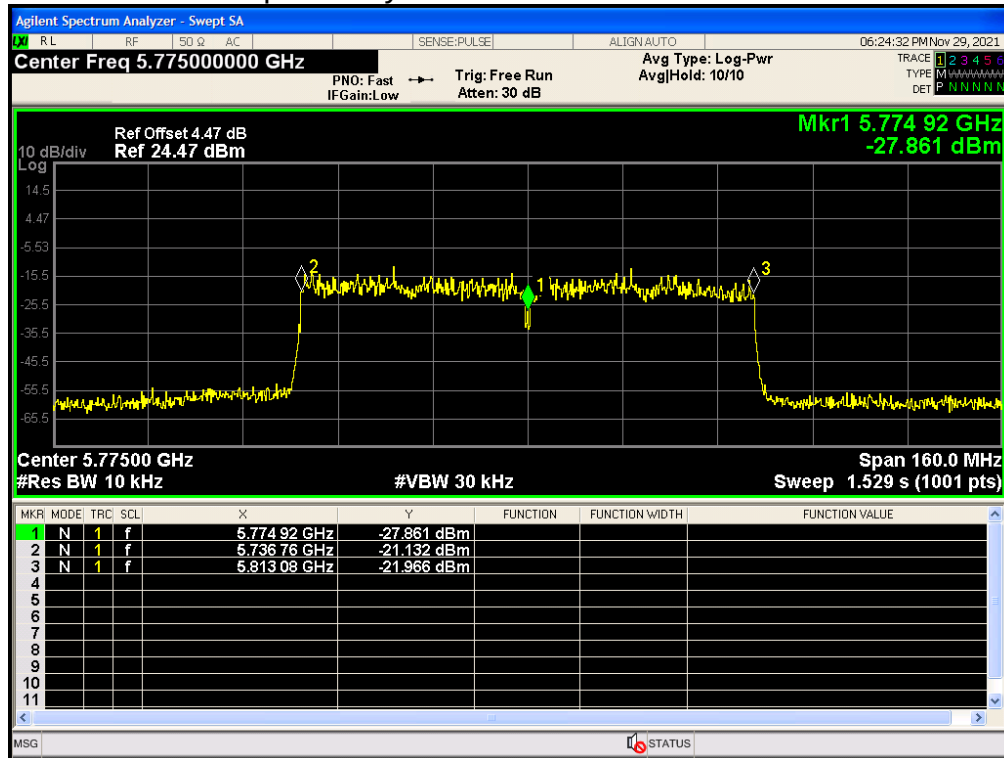
Freq. Stability HVNT 802.11ac80 5775MHz



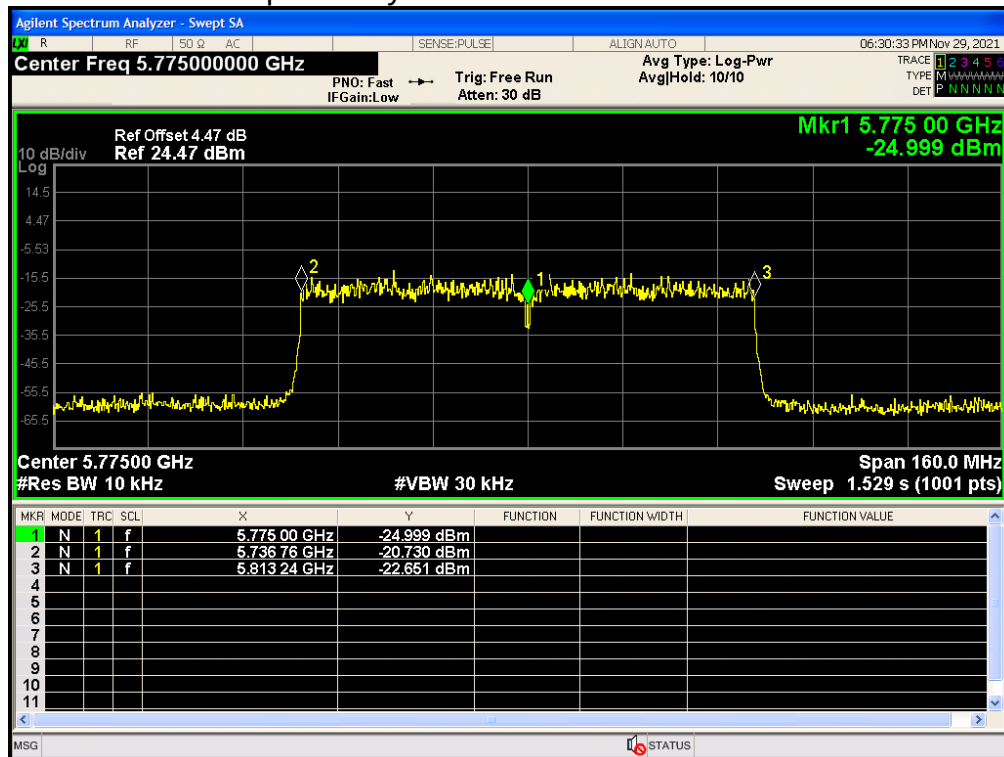
Freq. Stability LVNT 802.11ac80 5775MHz



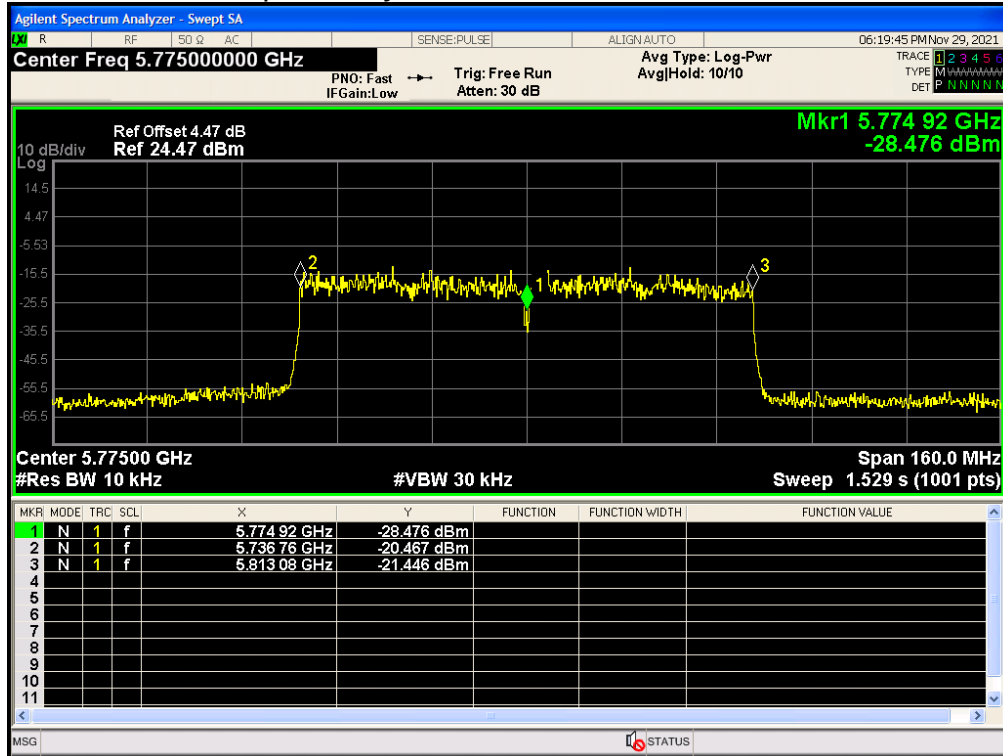
Freq. Stability NVHT 802.11ac80 5775MHz



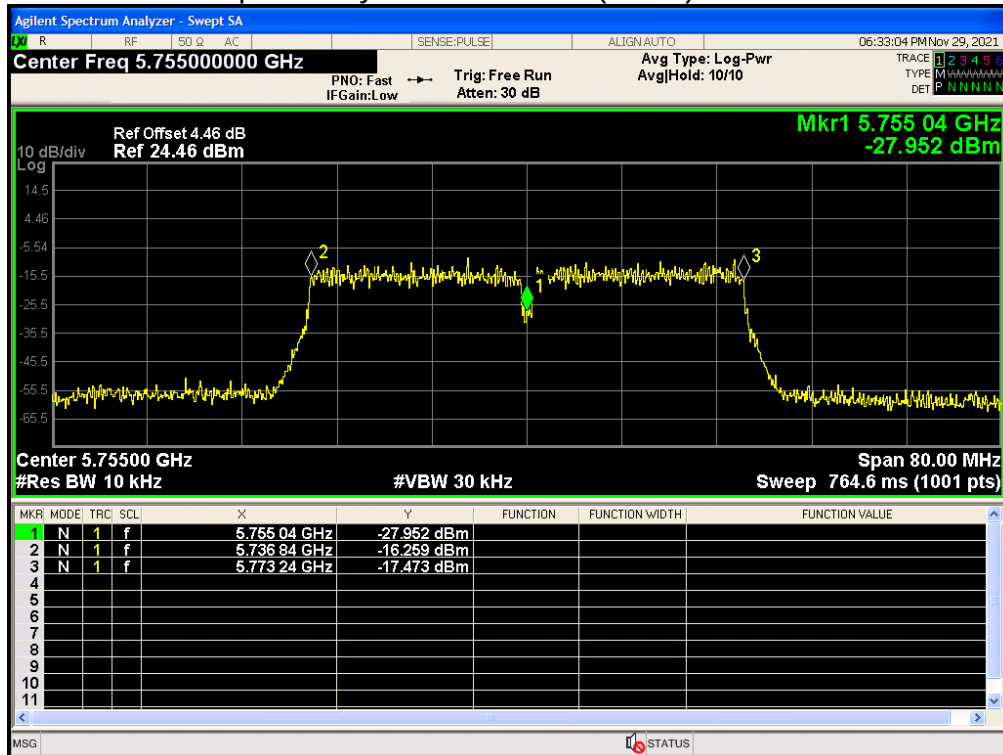
Freq. Stability NVLT 802.11ac80 5775MHz



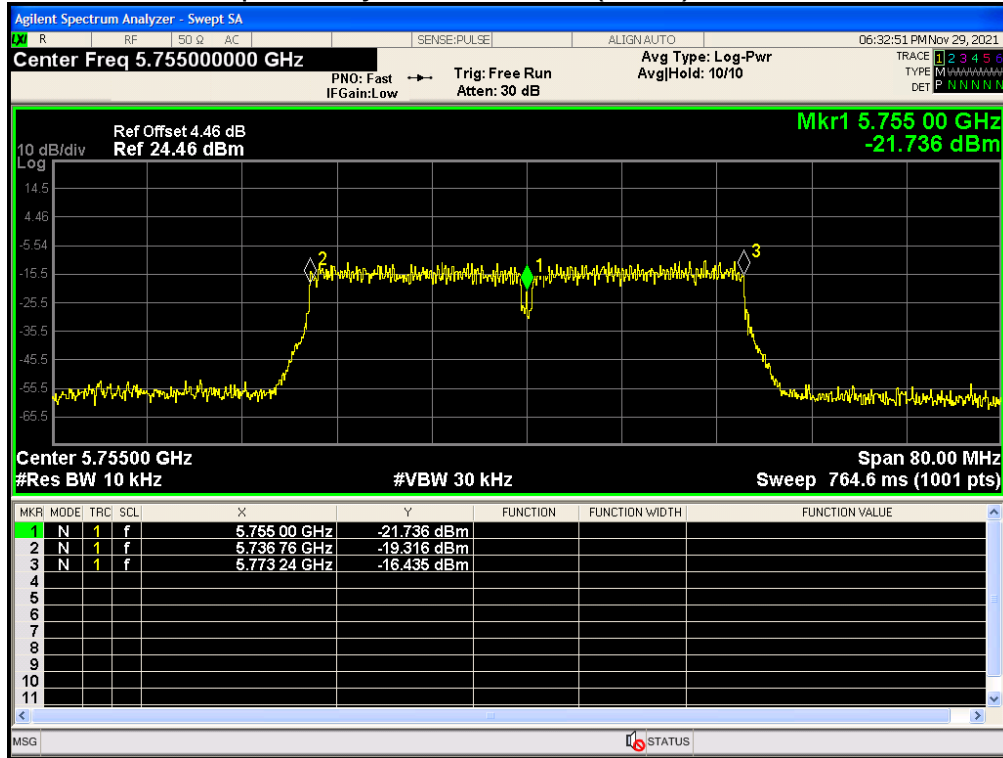
Freq. Stability NVNT 802.11ac80 5775MHz



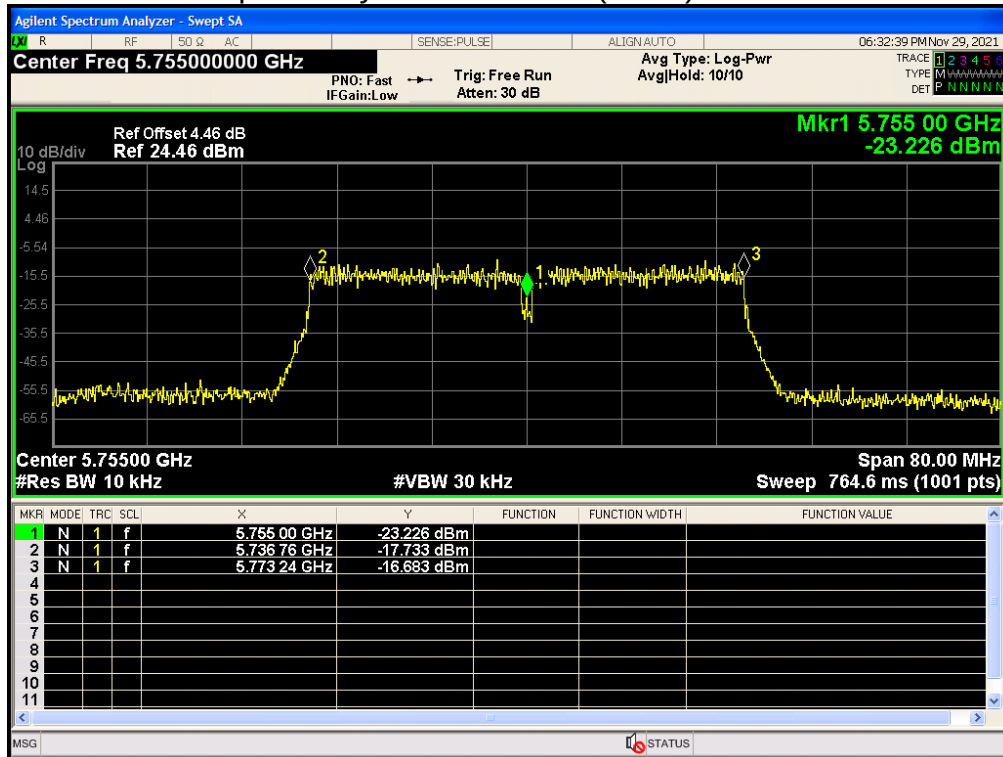
Freq. Stability HVNT 802.11n(HT40) 5755MHz



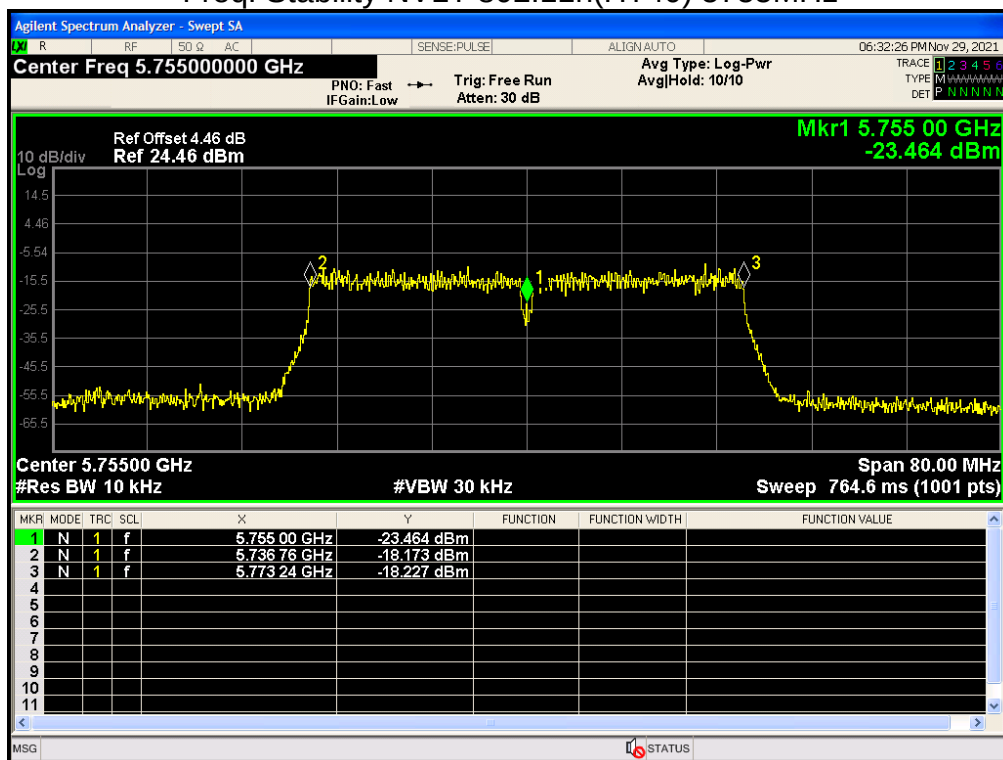
Freq. Stability LVNT 802.11n(HT40) 5755MHz



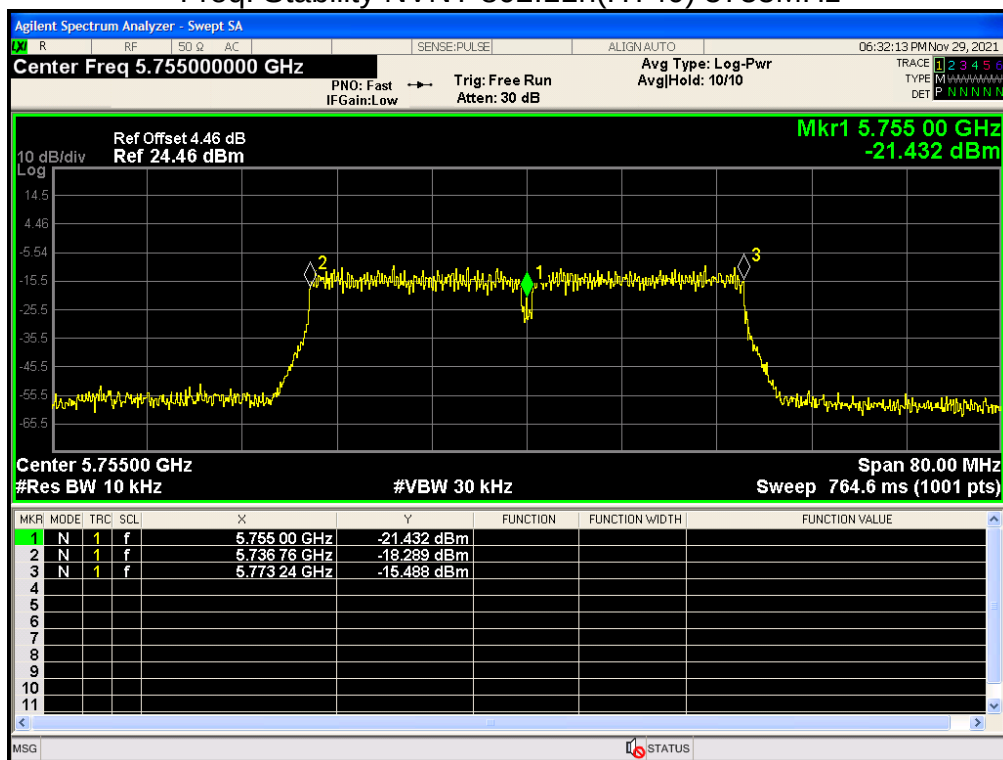
Freq. Stability NVHT 802.11n(HT40) 5755MHz



Freq. Stability NVLT 802.11n(HT40) 5755MHz



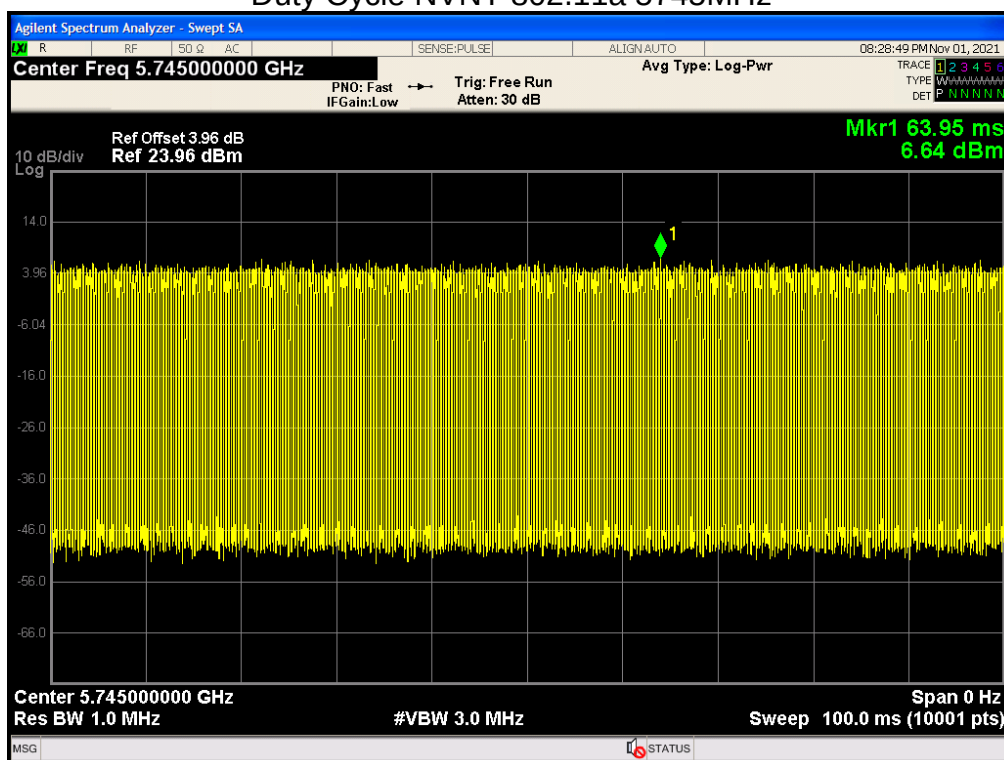
Freq. Stability NVNT 802.11n(HT40) 5755MHz



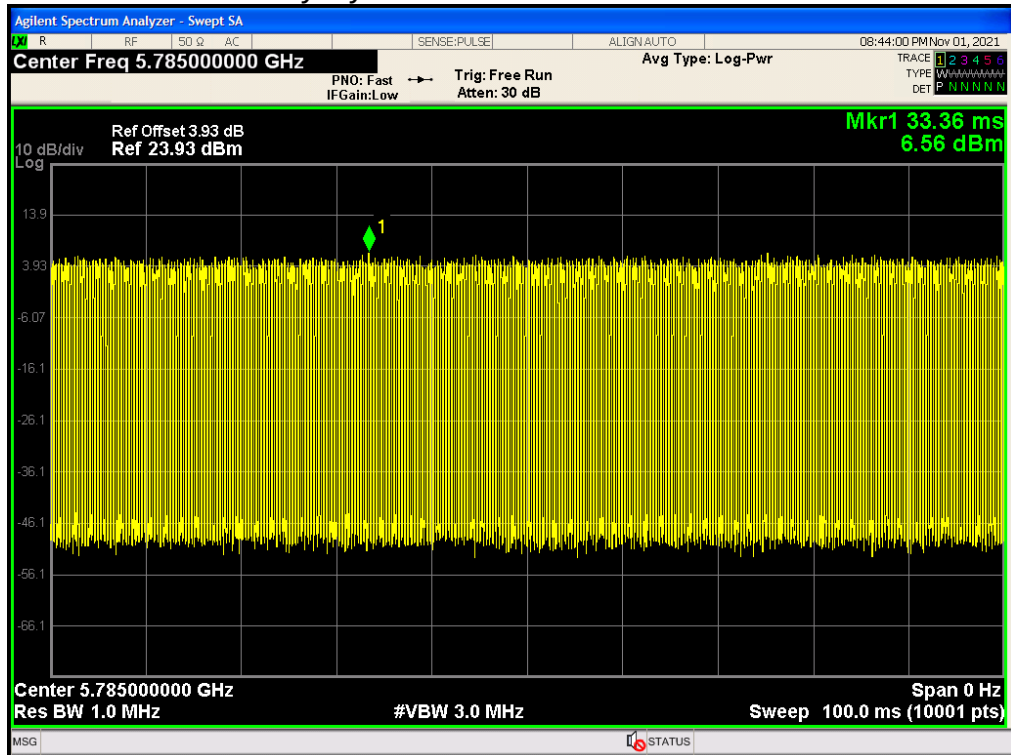
Duty Cycle

Condition	Mode	Frequency (MHz)	Duty Cycle (%)	Correction Factor (dB)
NVNT	802.11a	5745	55.67	2.54
NVNT	802.11a	5785	55.66	2.54
NVNT	802.11a	5825	55.65	2.55
NVNT	802.11ac20	5745	51.6	2.87
NVNT	802.11ac20	5785	51.67	2.87
NVNT	802.11ac20	5825	51.68	2.87
NVNT	802.11ac40	5755	40.69	3.91
NVNT	802.11ac40	5795	40.53	3.92
NVNT	802.11ac80	5775	34.43	4.63
NVNT	802.11n(HT20)	5745	54.5	2.64
NVNT	802.11n(HT20)	5785	54.21	2.66
NVNT	802.11n(HT20)	5825	54.19	2.66
NVNT	802.11n(HT40)	5755	42.67	3.7
NVNT	802.11n(HT40)	5795	42.59	3.71

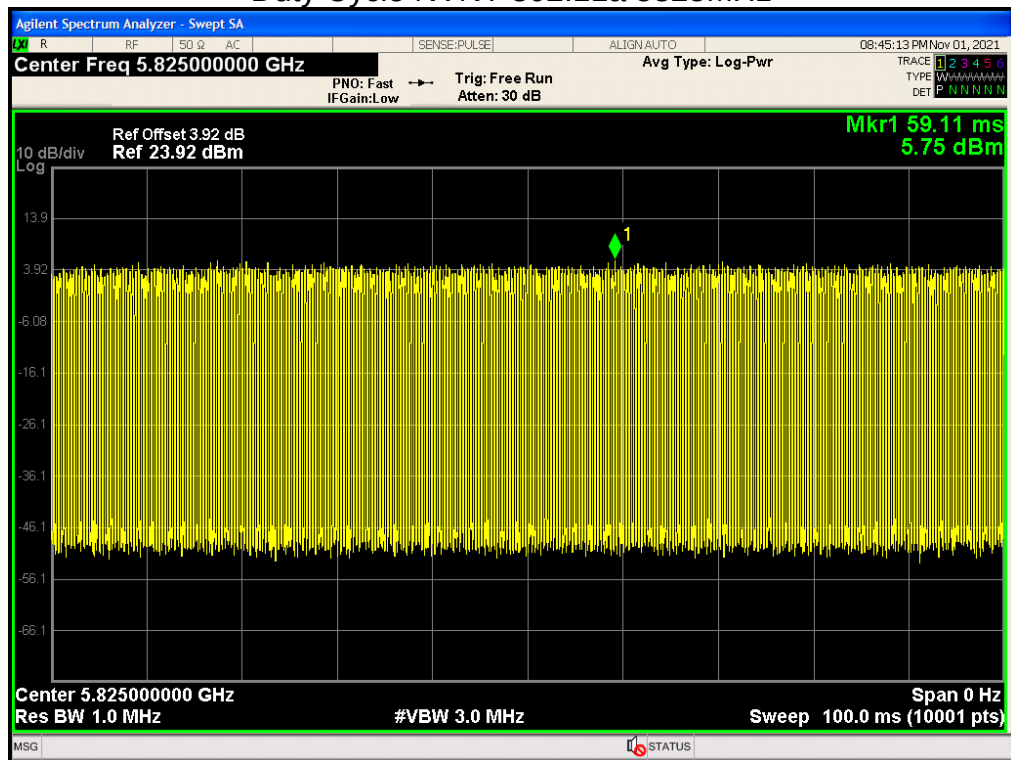
Duty Cycle NVNT 802.11a 5745MHz



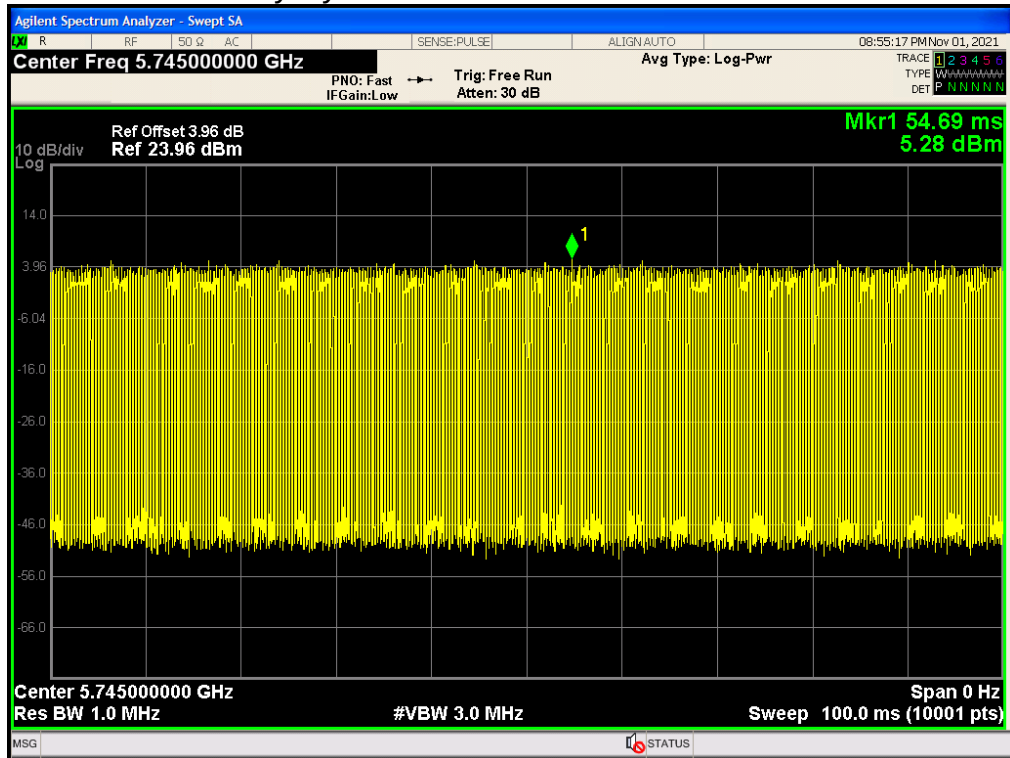
Duty Cycle NVNT 802.11a 5785MHz



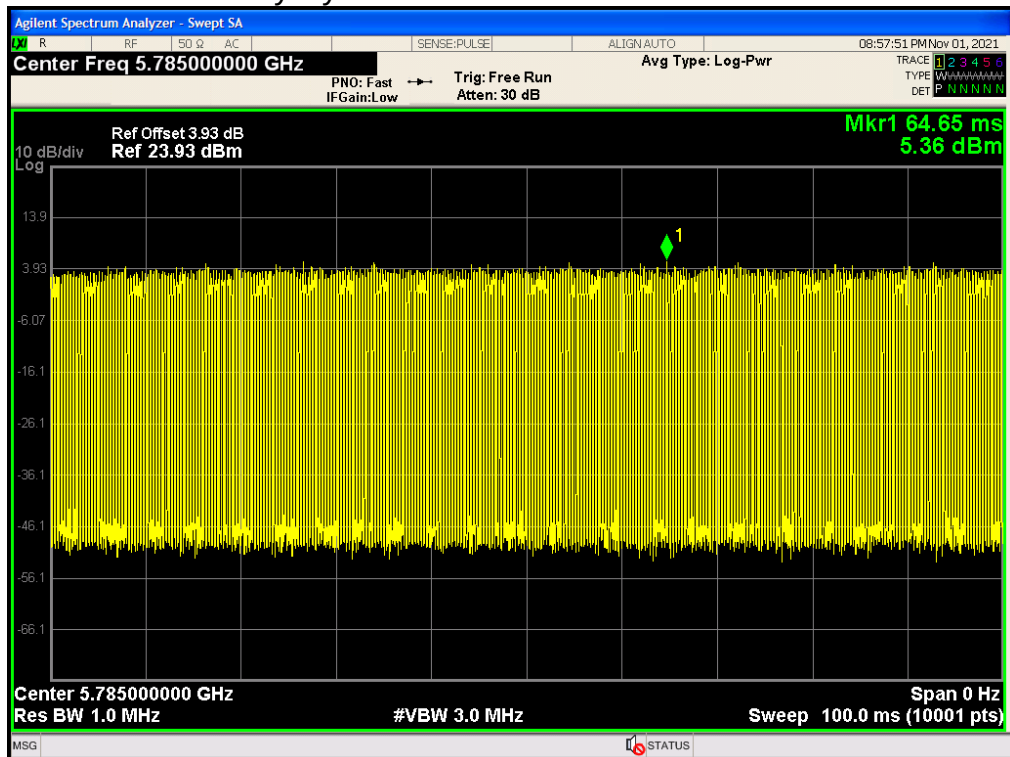
Duty Cycle NVNT 802.11a 5825MHz



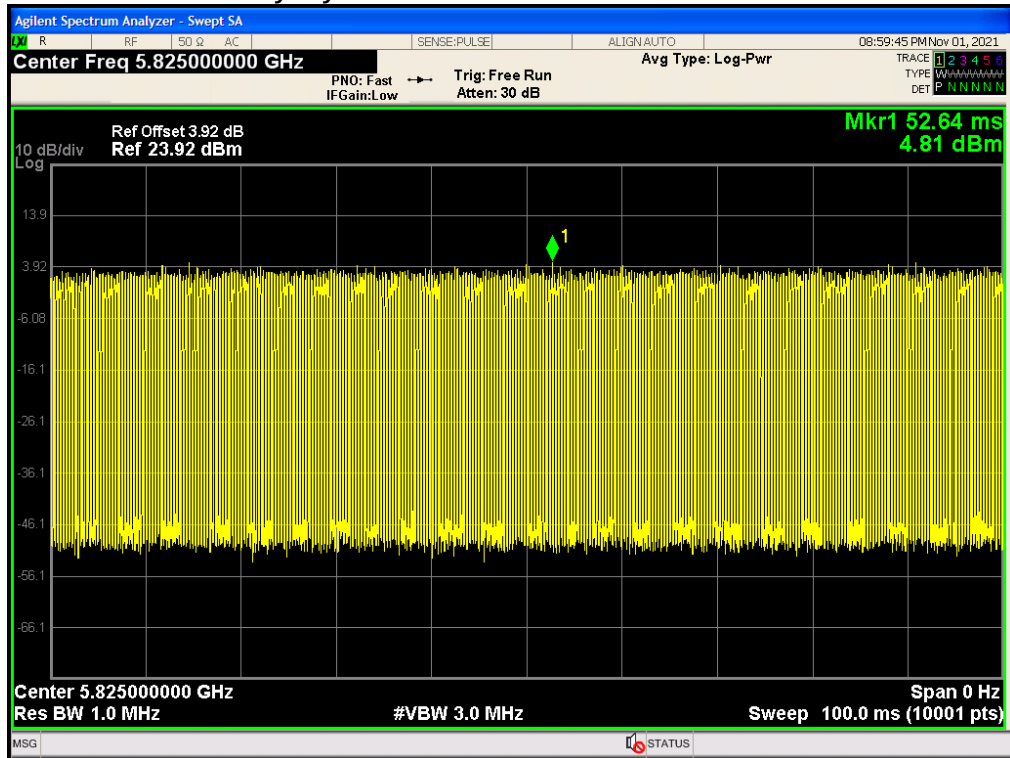
Duty Cycle NVNT 802.11ac20 5745MHz



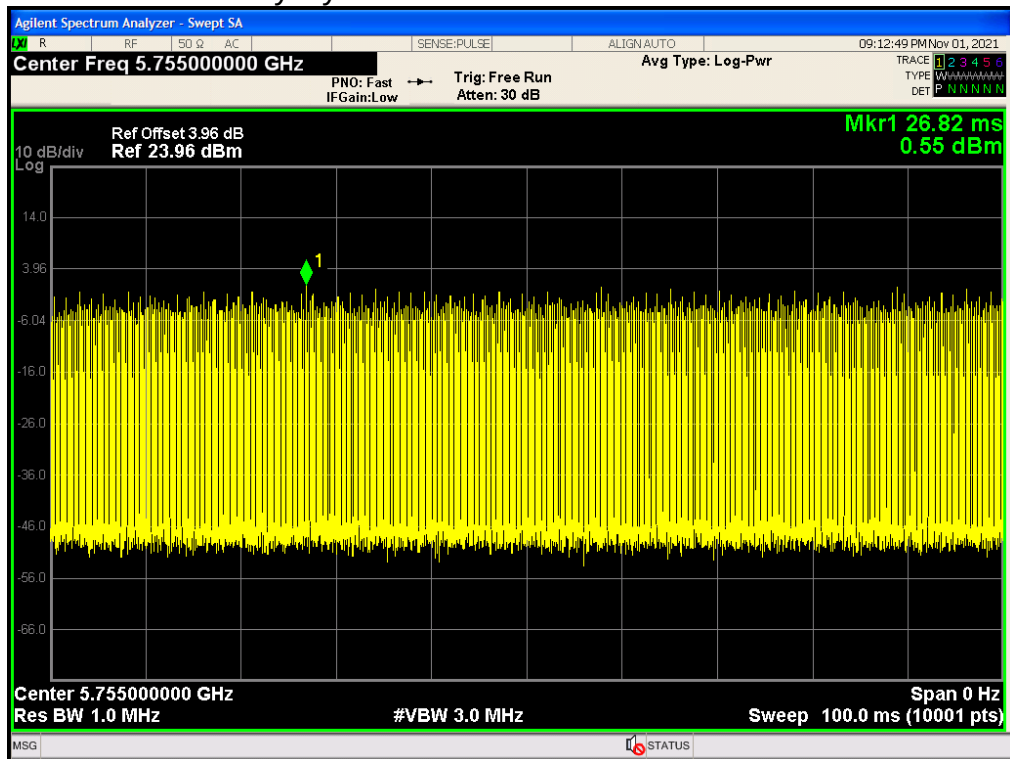
Duty Cycle NVNT 802.11ac20 5785MHz



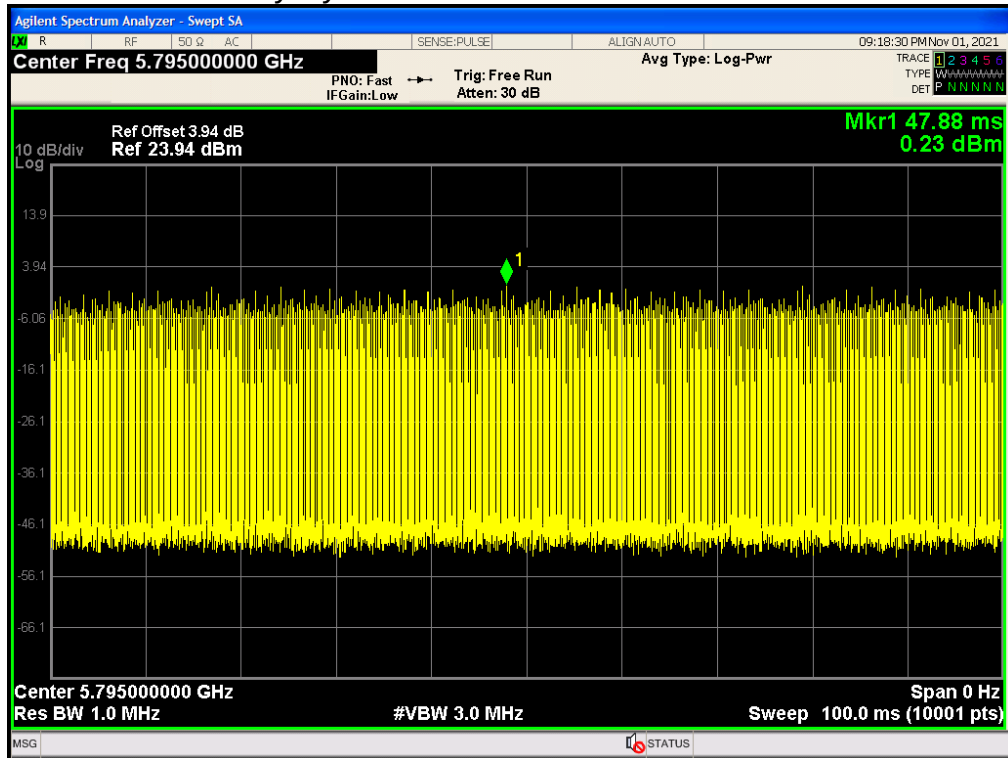
Duty Cycle NVNT 802.11ac20 5825MHz



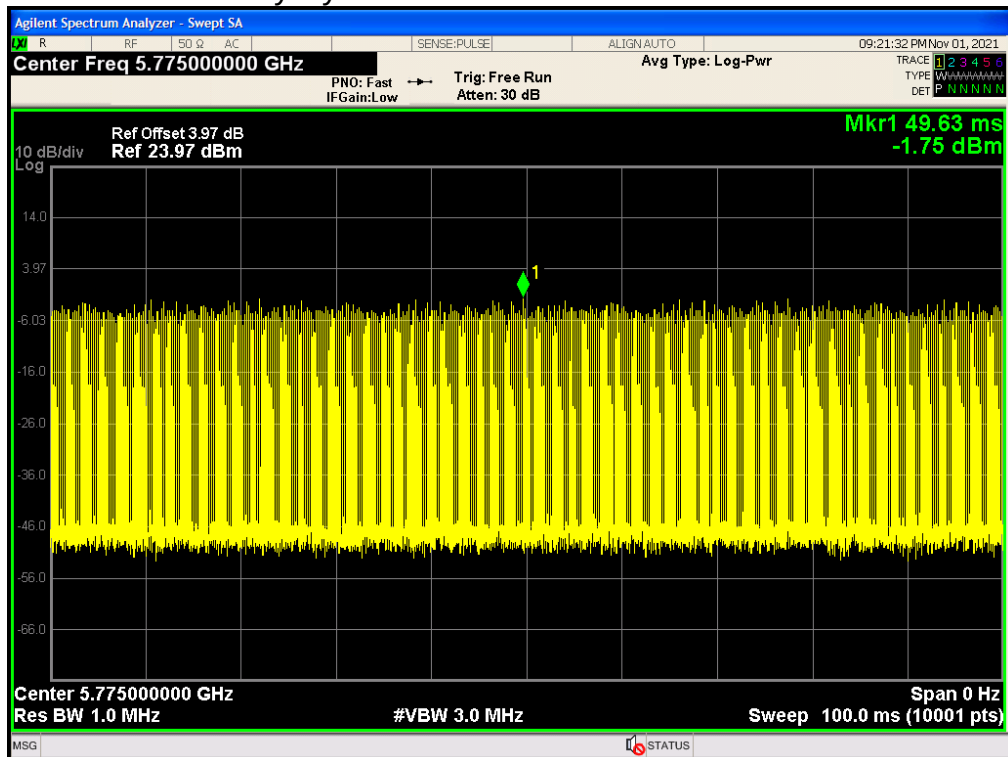
Duty Cycle NVNT 802.11ac40 5755MHz



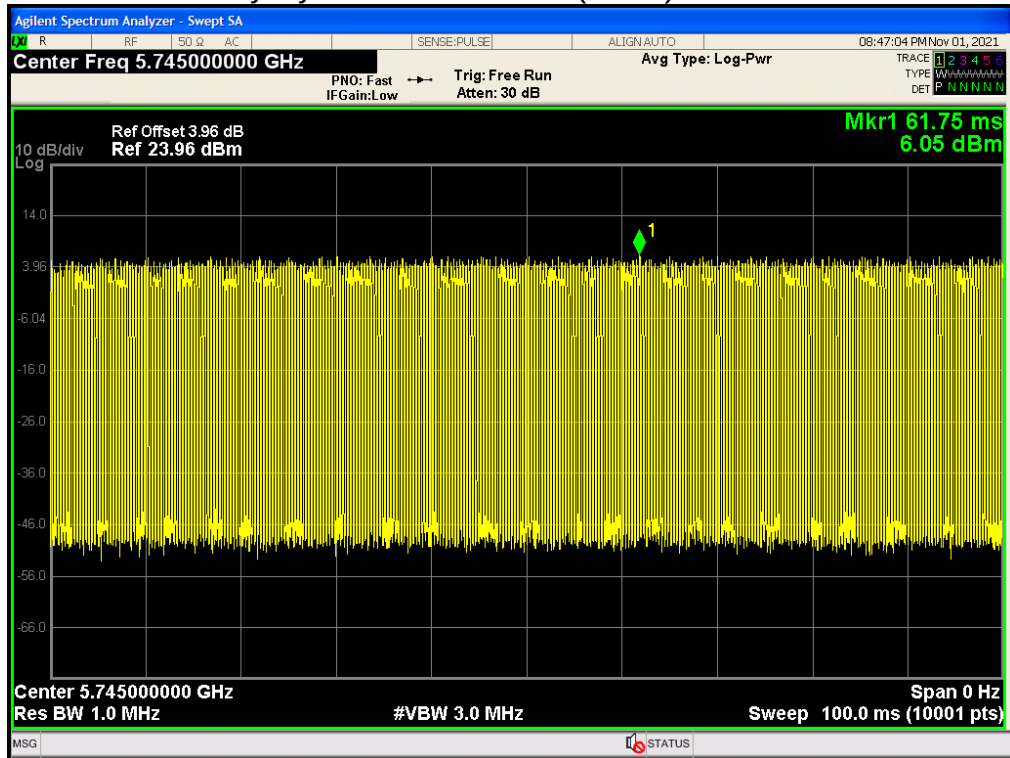
Duty Cycle NVNT 802.11ac40 5795MHz



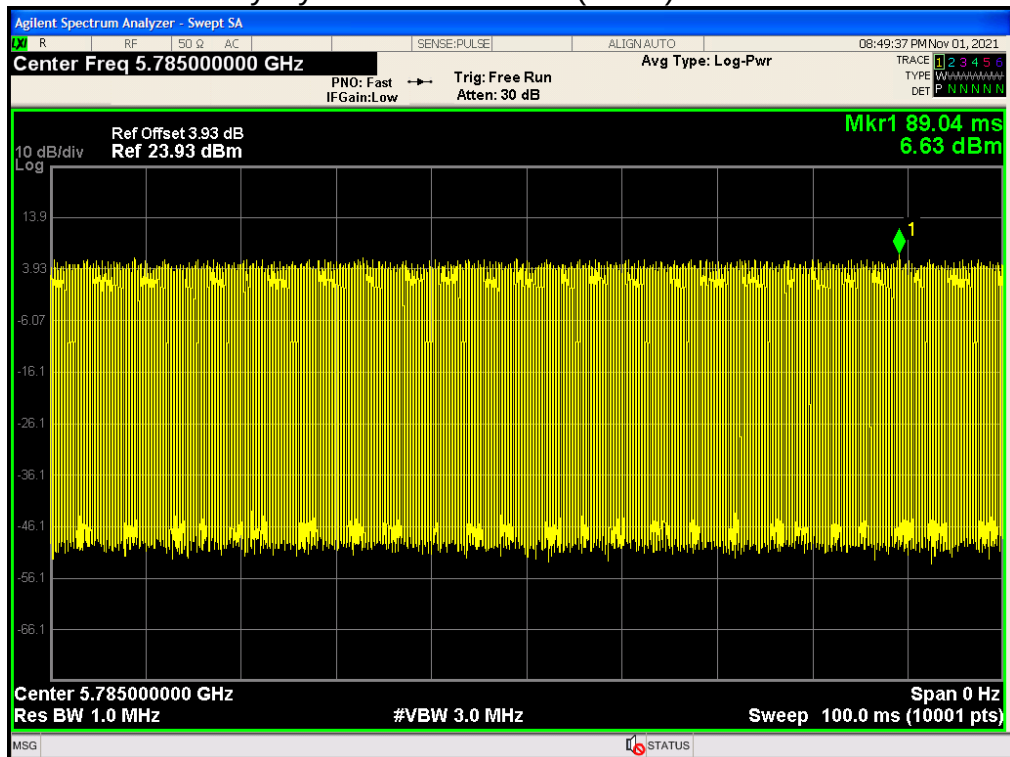
Duty Cycle NVNT 802.11ac80 5775MHz



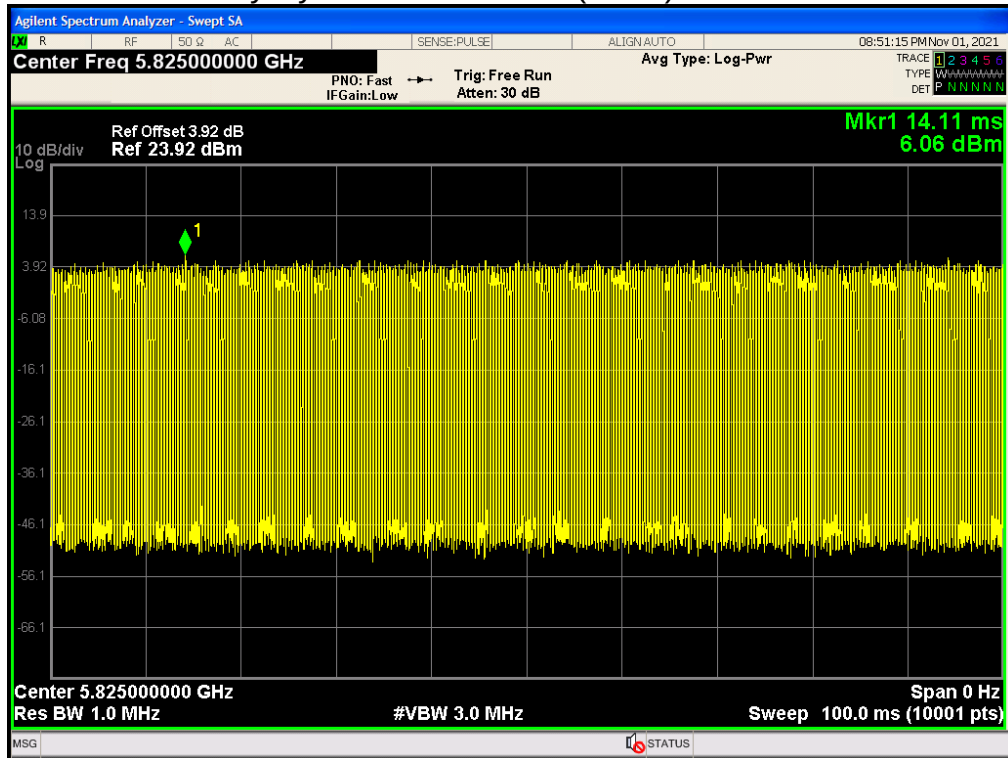
Duty Cycle NVNT 802.11n(HT20) 5745MHz



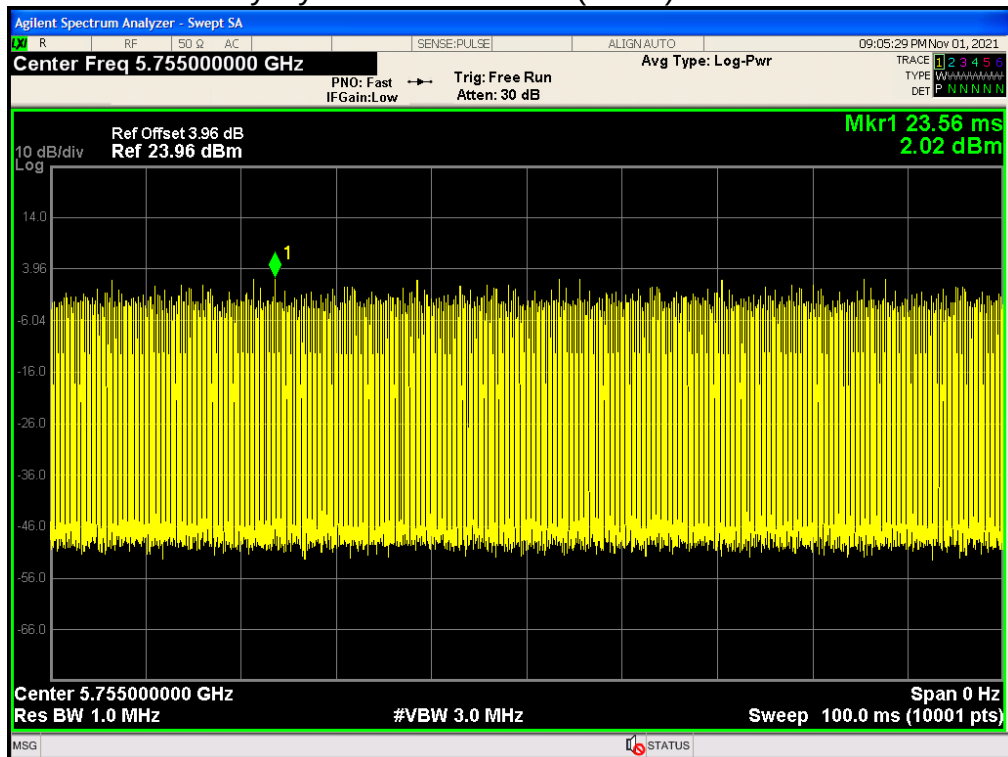
Duty Cycle NVNT 802.11n(HT20) 5785MHz



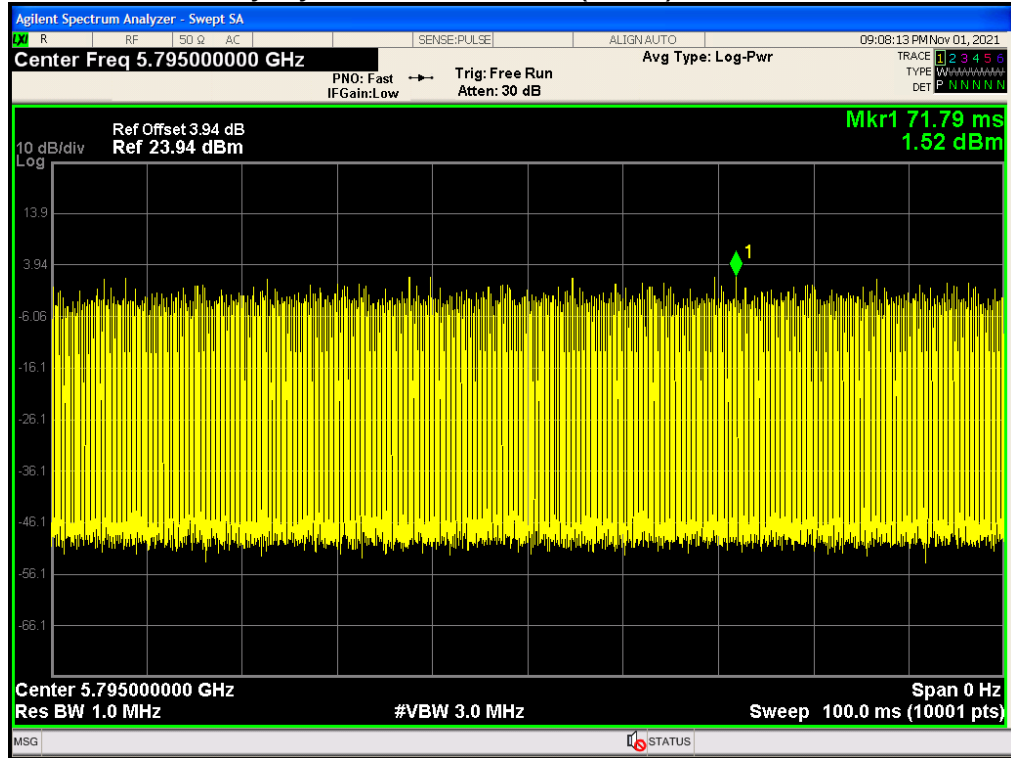
Duty Cycle NVNT 802.11n(HT20) 5825MHz



Duty Cycle NVNT 802.11n(HT40) 5755MHz



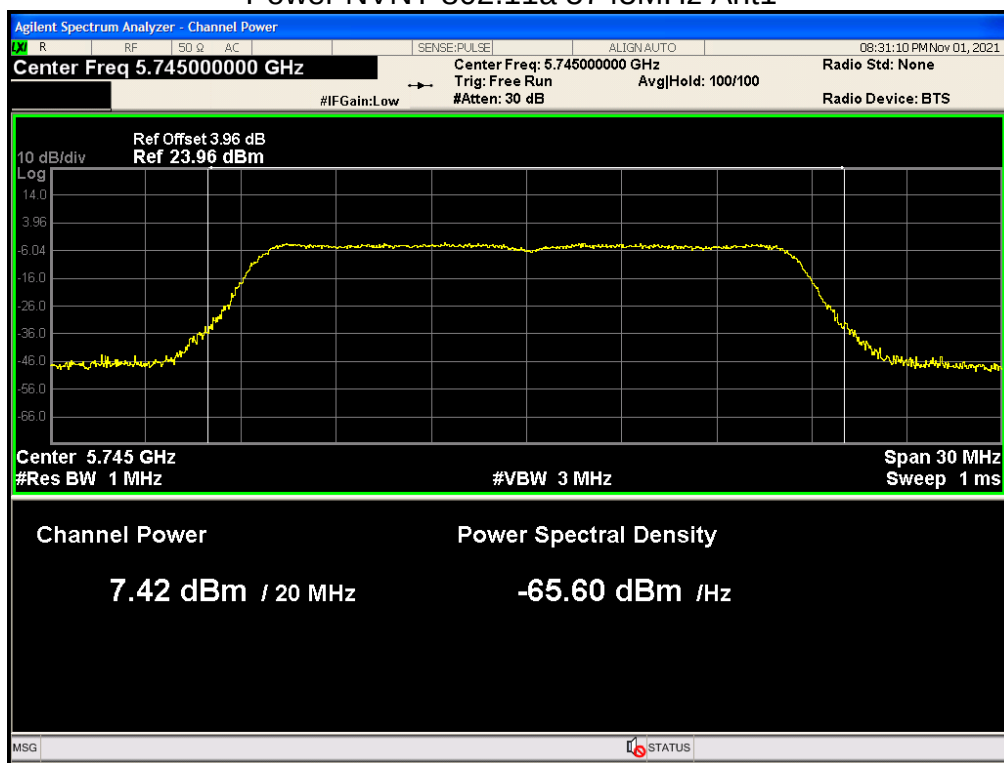
Duty Cycle NVNT 802.11n(HT40) 5795MHz



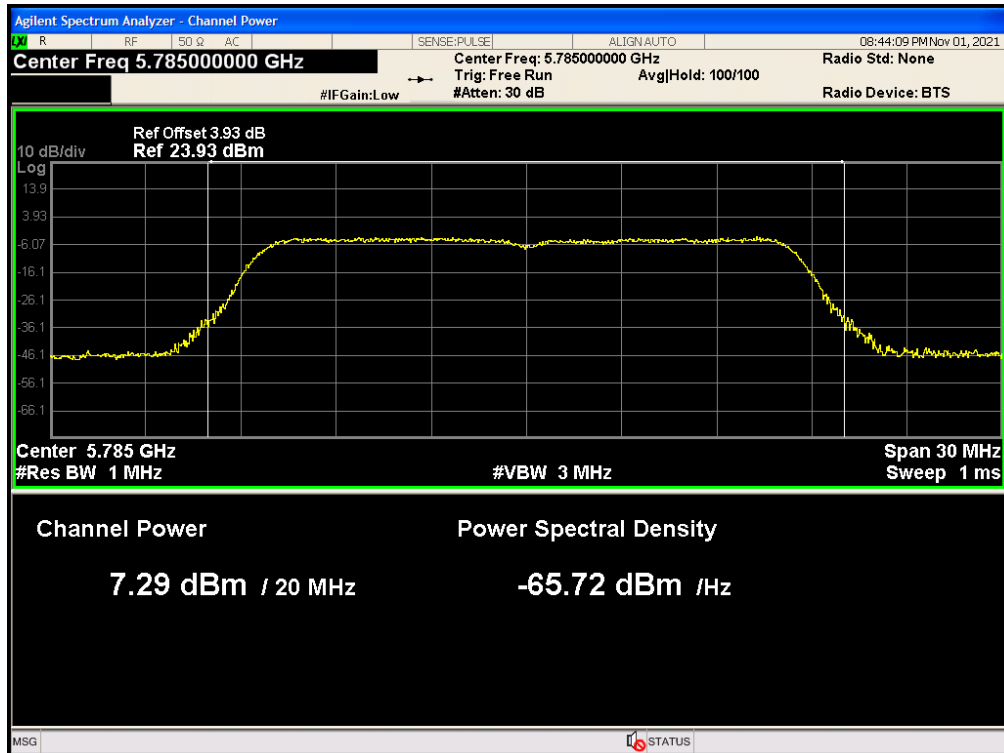
Maximum Conducted Output Power

Condition	Mode	Frequency (MHz)	Antenna	Conducted Power (dBm)	Duty Factor (dB)	Total Power (dBm)	Limit (dBm)	Verdict
NVNT	802.11a	5745	Ant 1	7.415	2.54	9.955	30	Pass
NVNT	802.11a	5785	Ant 1	7.29	2.54	9.83	30	Pass
NVNT	802.11a	5825	Ant 1	6.417	2.55	8.967	30	Pass
NVNT	802.11ac20	5745	Ant 1	6.125	2.87	8.995	30	Pass
NVNT	802.11ac20	5785	Ant 1	6.18	2.87	9.05	30	Pass
NVNT	802.11ac20	5825	Ant 1	5.47	2.87	8.34	30	Pass
NVNT	802.11ac40	5755	Ant 1	4.901	3.91	8.811	30	Pass
NVNT	802.11ac40	5795	Ant 1	4.599	3.92	8.519	30	Pass
NVNT	802.11ac80	5775	Ant 1	4.475	4.63	9.105	30	Pass
NVNT	802.11n(HT20)	5745	Ant 1	7.372	2.64	10.012	30	Pass
NVNT	802.11n(HT20)	5785	Ant 1	7.456	2.66	10.116	30	Pass
NVNT	802.11n(HT20)	5825	Ant 1	6.842	2.66	9.502	30	Pass
NVNT	802.11n(HT40)	5755	Ant 1	6.291	3.7	9.991	30	Pass
NVNT	802.11n(HT40)	5795	Ant 1	6.039	3.71	9.749	30	Pass

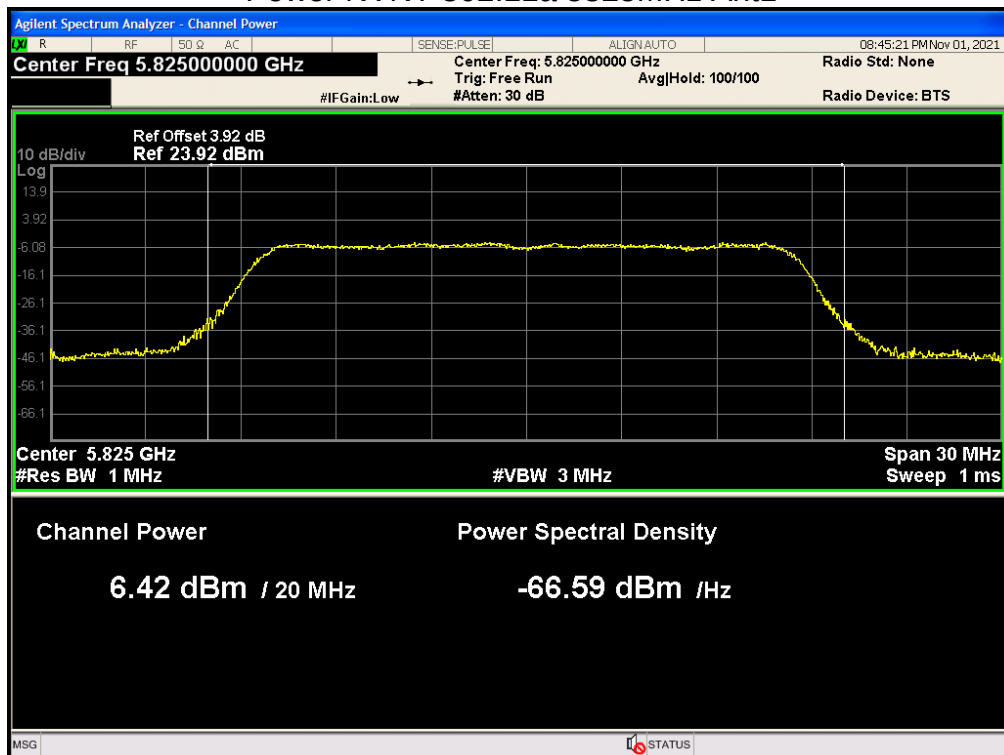
Power NVNT 802.11a 5745MHz Ant1



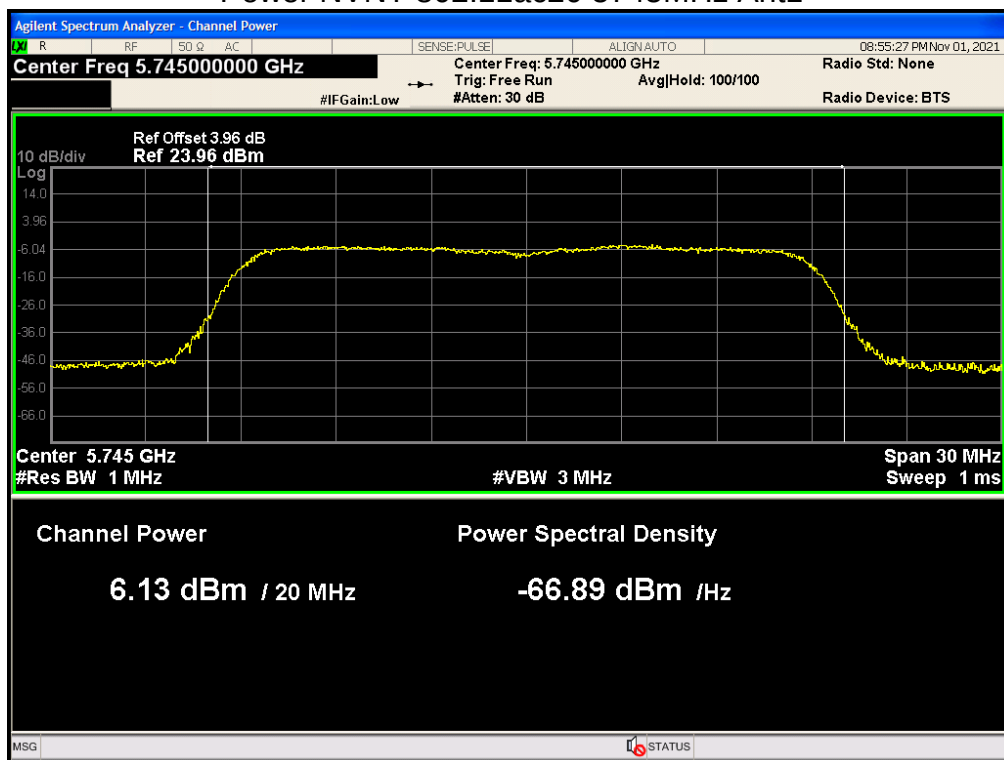
Power NVNT 802.11a 5785MHz Ant1



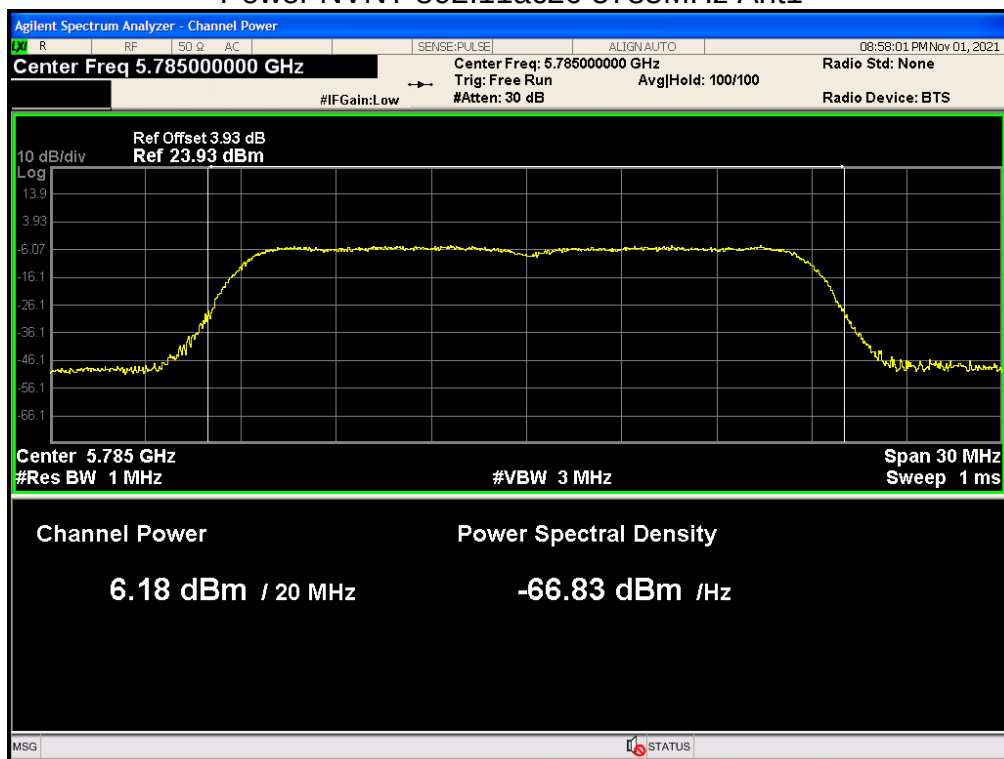
Power NVNT 802.11a 5825MHz Ant1



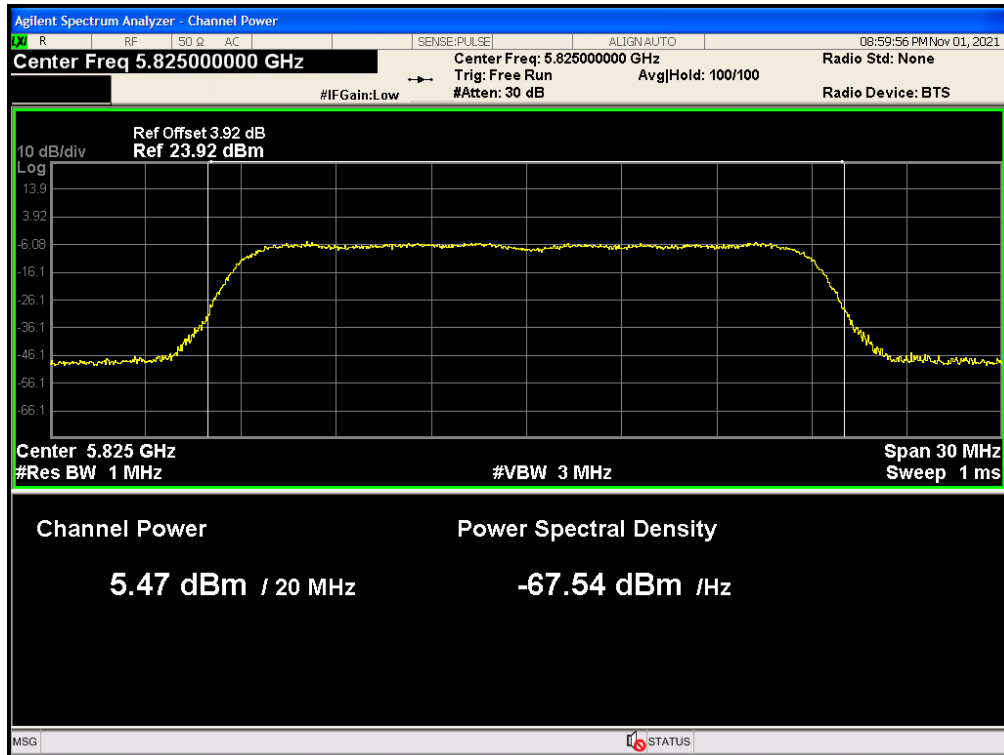
Power NVNT 802.11ac20 5745MHz Ant1



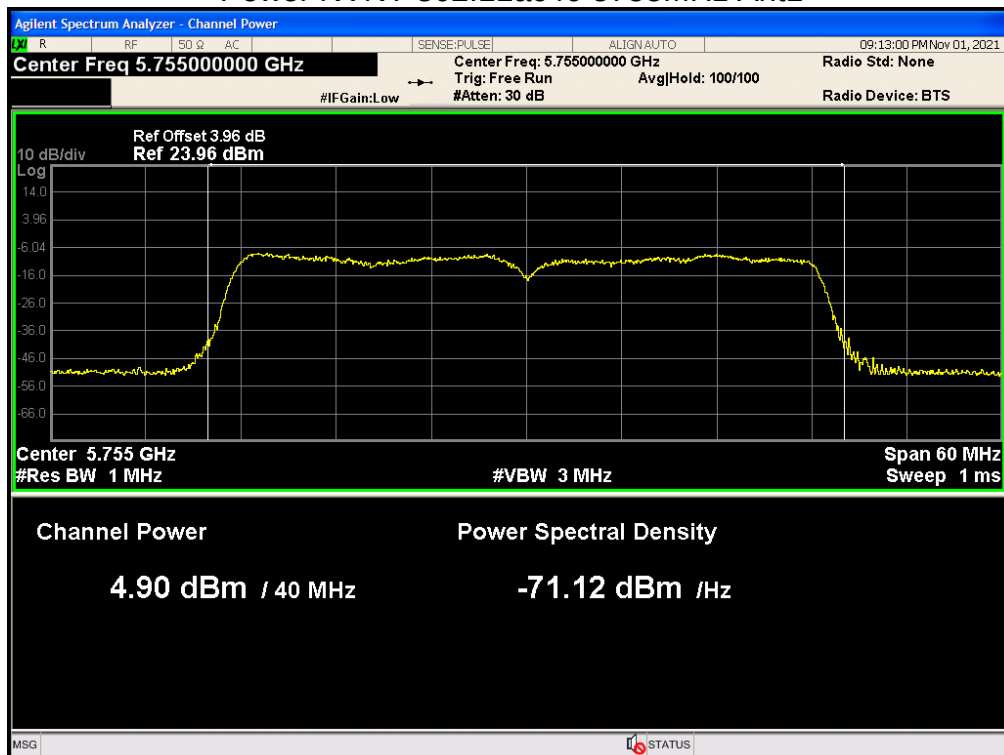
Power NVNT 802.11ac20 5785MHz Ant1



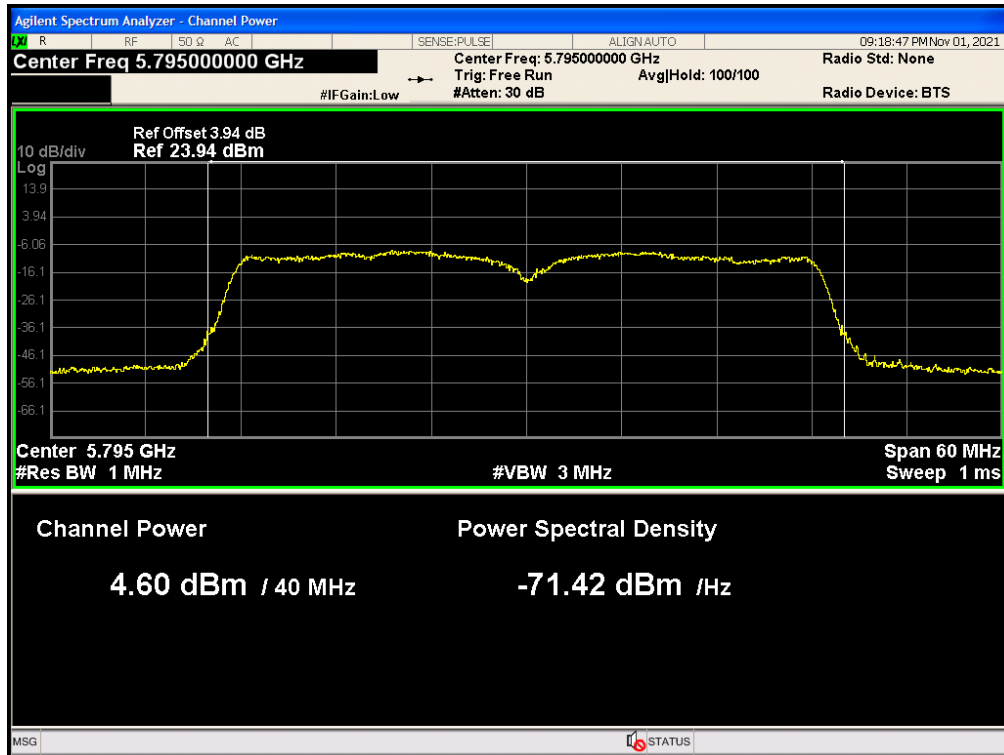
Power NVNT 802.11ac20 5825MHz Ant1



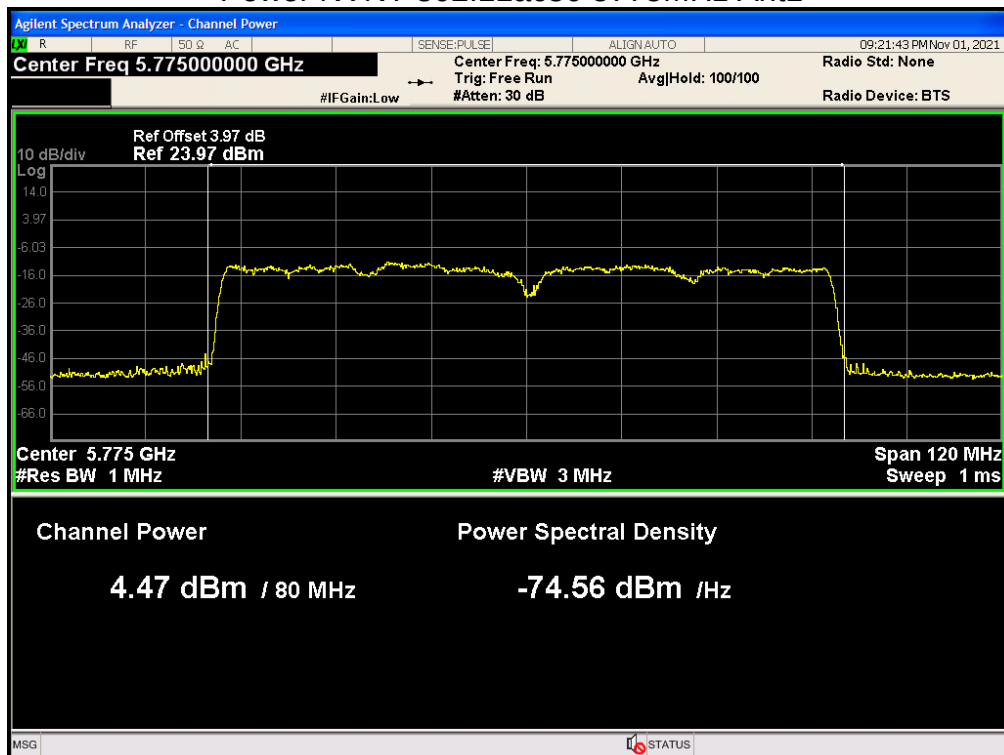
Power NVNT 802.11ac40 5755MHz Ant1



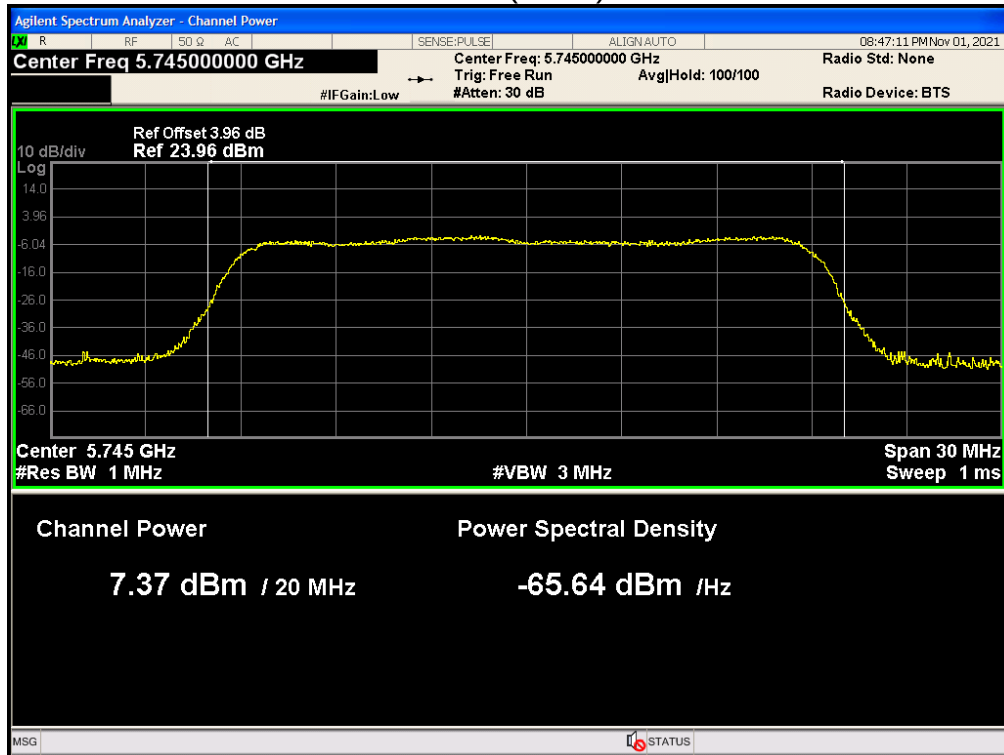
Power NVNT 802.11ac40 5795MHz Ant1



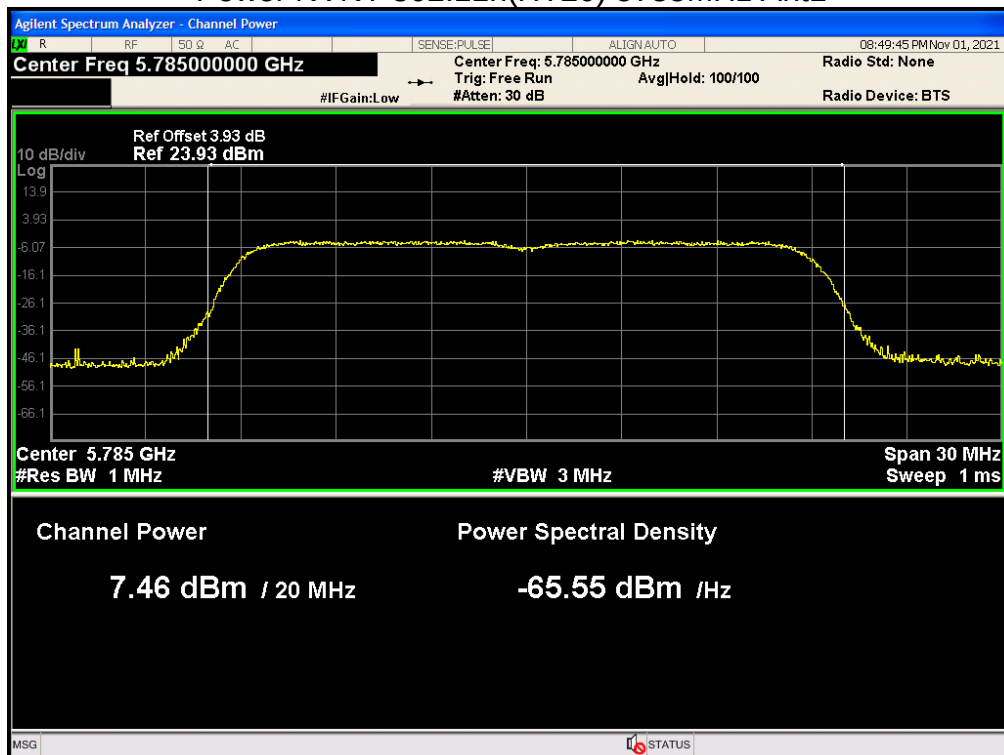
Power NVNT 802.11ac80 5775MHz Ant1



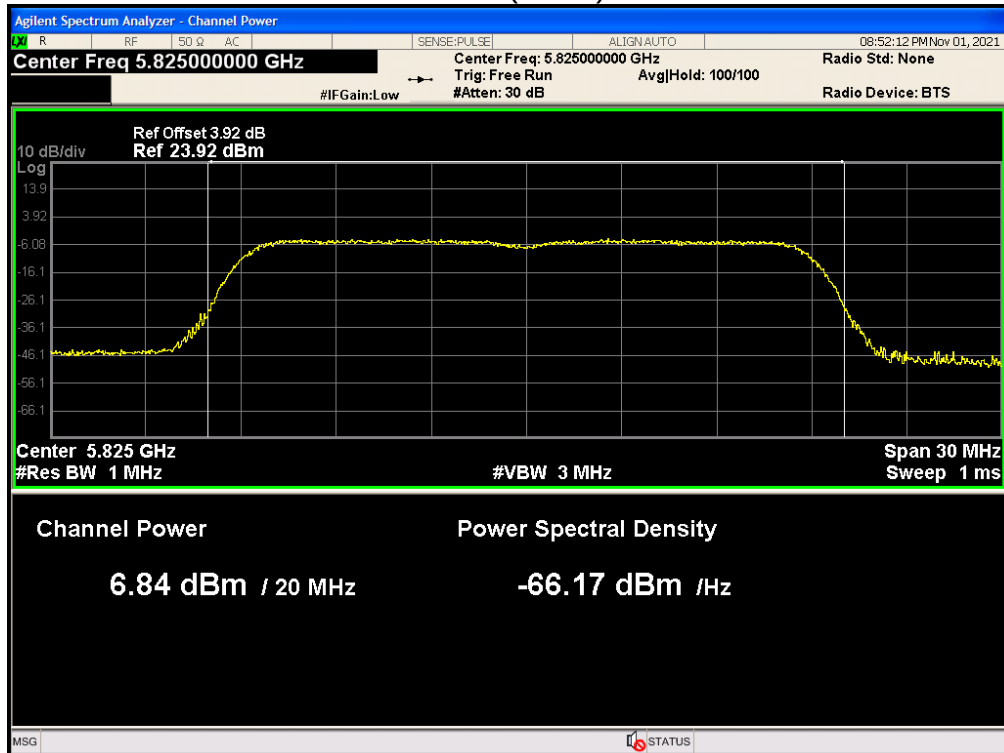
Power NVNT 802.11n(HT20) 5745MHz Ant1



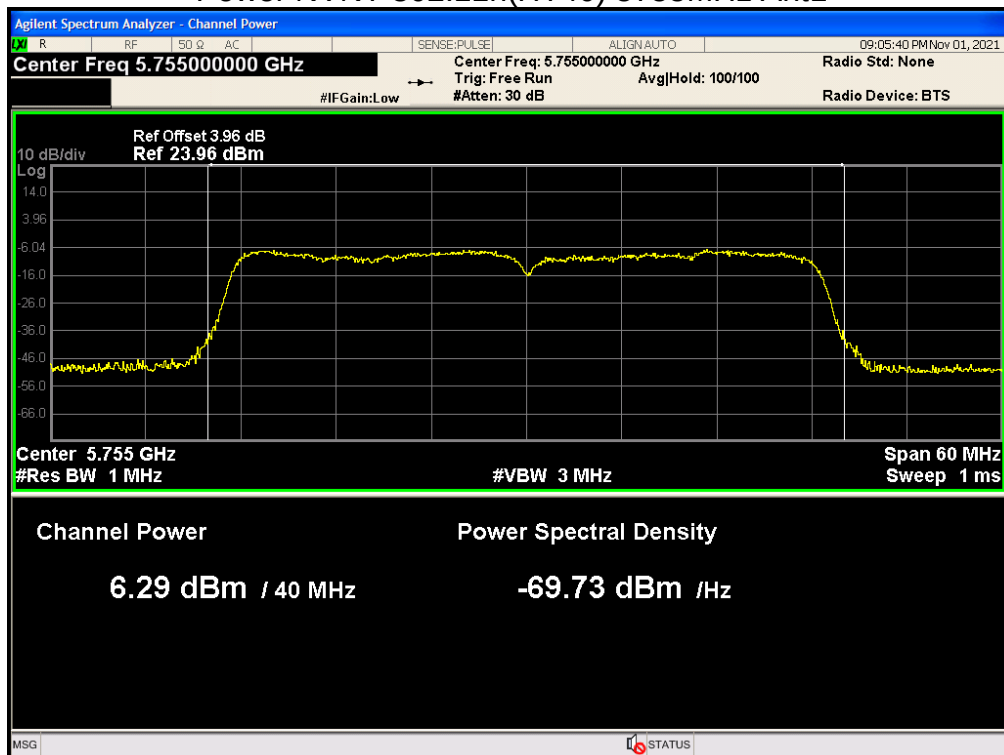
Power NVNT 802.11n(HT20) 5785MHz Ant1



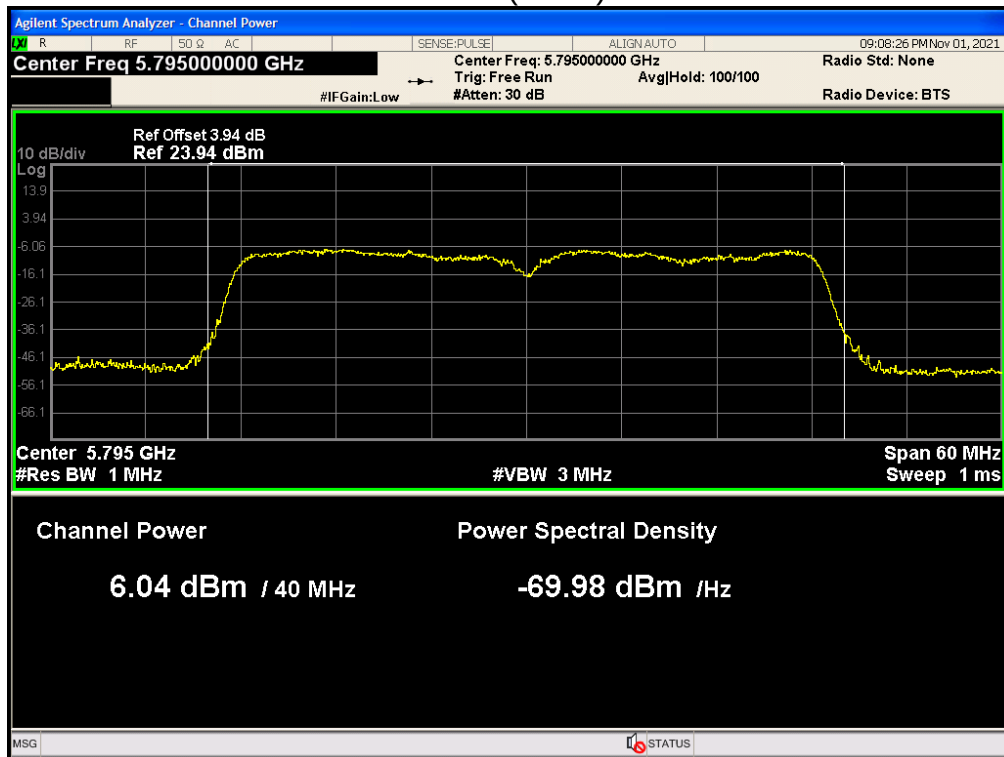
Power NVNT 802.11n(HT20) 5825MHz Ant1



Power NVNT 802.11n(HT40) 5755MHz Ant1



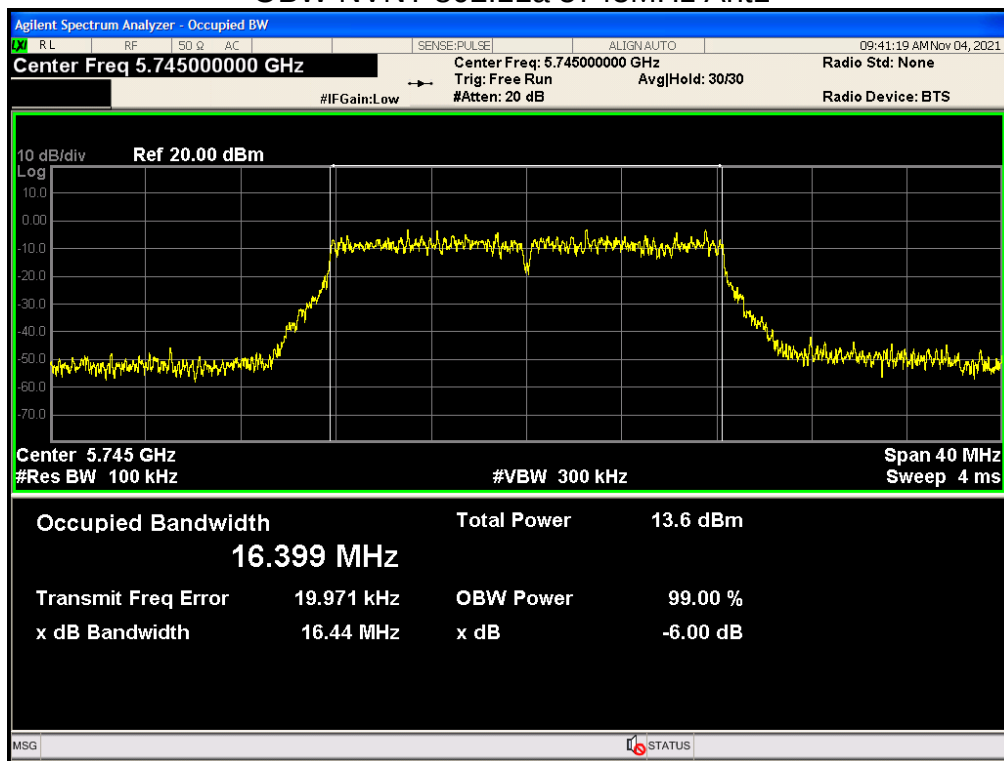
Power NVNT 802.11n(HT40) 5795MHz Ant1



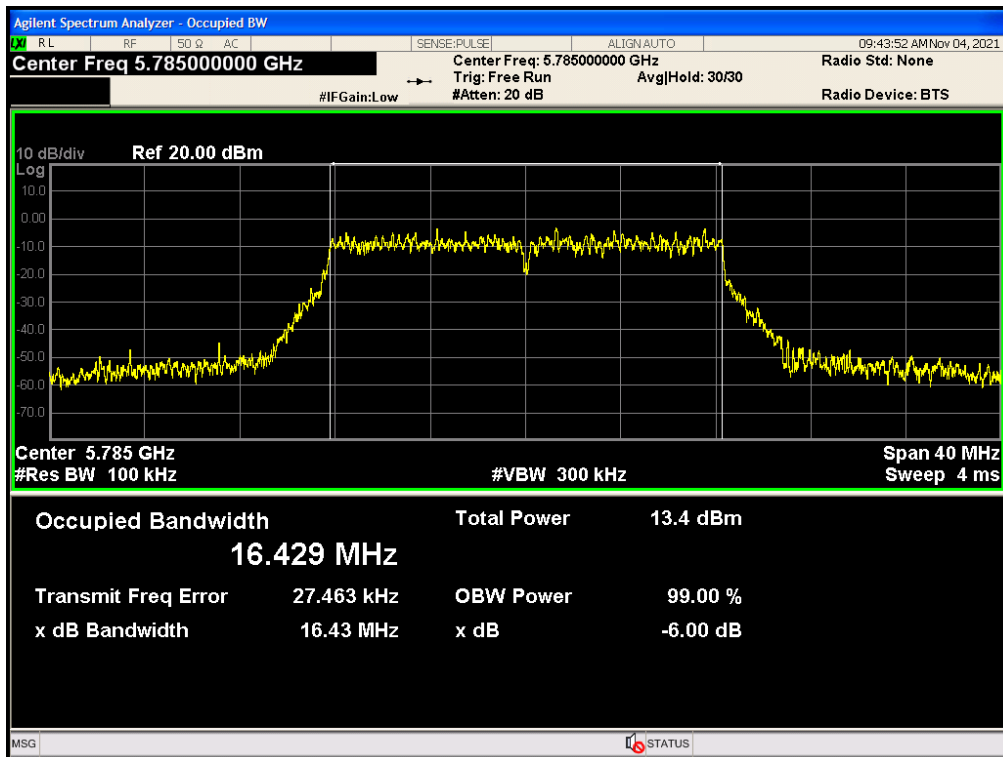
-6 dB Bandwidth

Condition	Mode	Frequency (MHz)	Antenna	99% OBW (MHz)	-6 dB Bandwidth (MHz)	Limit -6 dB Bandwidth (MHz)	Verdict
NVNT	802.11a	5745	Ant 1	16.3987	16.3987	0.5	Pass
NVNT	802.11a	5785	Ant 1	16.4295	16.4295	0.5	Pass
NVNT	802.11a	5825	Ant 1	16.4098	16.4098	0.5	Pass
NVNT	802.11ac20	5745	Ant 1	17.5728	17.5728	0.5	Pass
NVNT	802.11ac20	5785	Ant 1	17.4942	17.4942	0.5	Pass
NVNT	802.11ac20	5825	Ant 1	17.471	17.471	0.5	Pass
NVNT	802.11ac40	5755	Ant 1	36.0561	36.0561	0.5	Pass
NVNT	802.11ac40	5795	Ant 1	36.1771	36.1771	0.5	Pass
NVNT	802.11ac80	5775	Ant 1	75.2458	75.2458	0.5	Pass
NVNT	802.11n(HT20)	5745	Ant 1	17.5718	17.5718	0.5	Pass
NVNT	802.11n(HT20)	5785	Ant 1	17.5	17.5	0.5	Pass
NVNT	802.11n(HT20)	5825	Ant 1	17.5539	17.5539	0.5	Pass
NVNT	802.11n(HT40)	5755	Ant 1	36.045	36.045	0.5	Pass
NVNT	802.11n(HT40)	5795	Ant 1	36.1653	36.1653	0.5	Pass

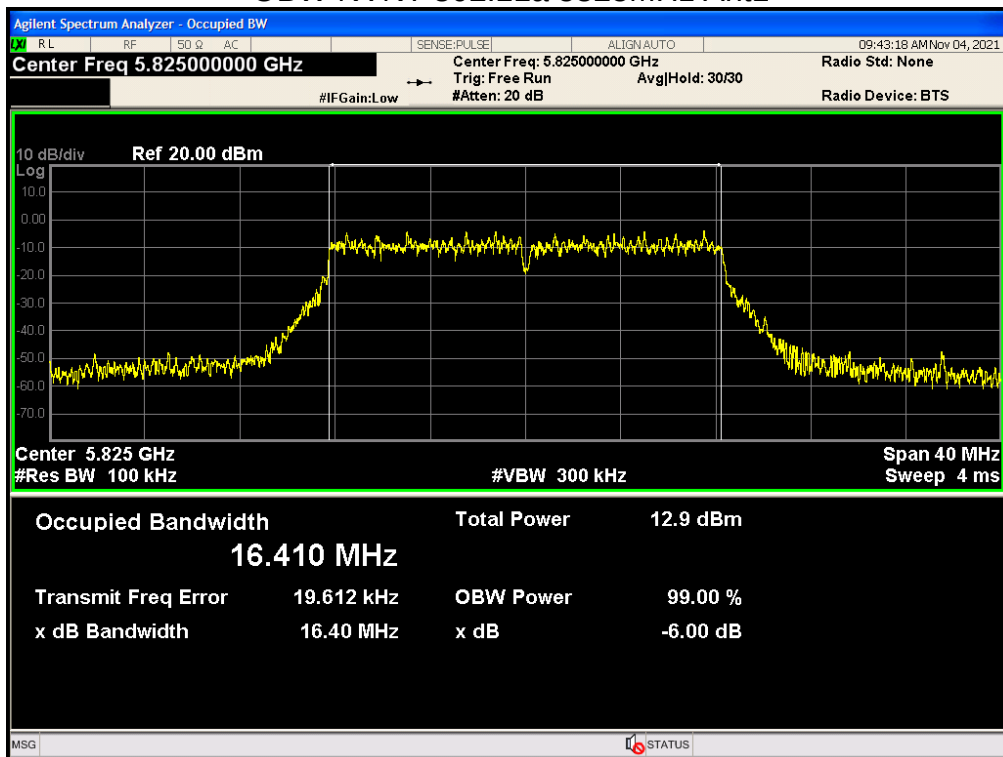
OBW NVNT 802.11a 5745MHz Ant1



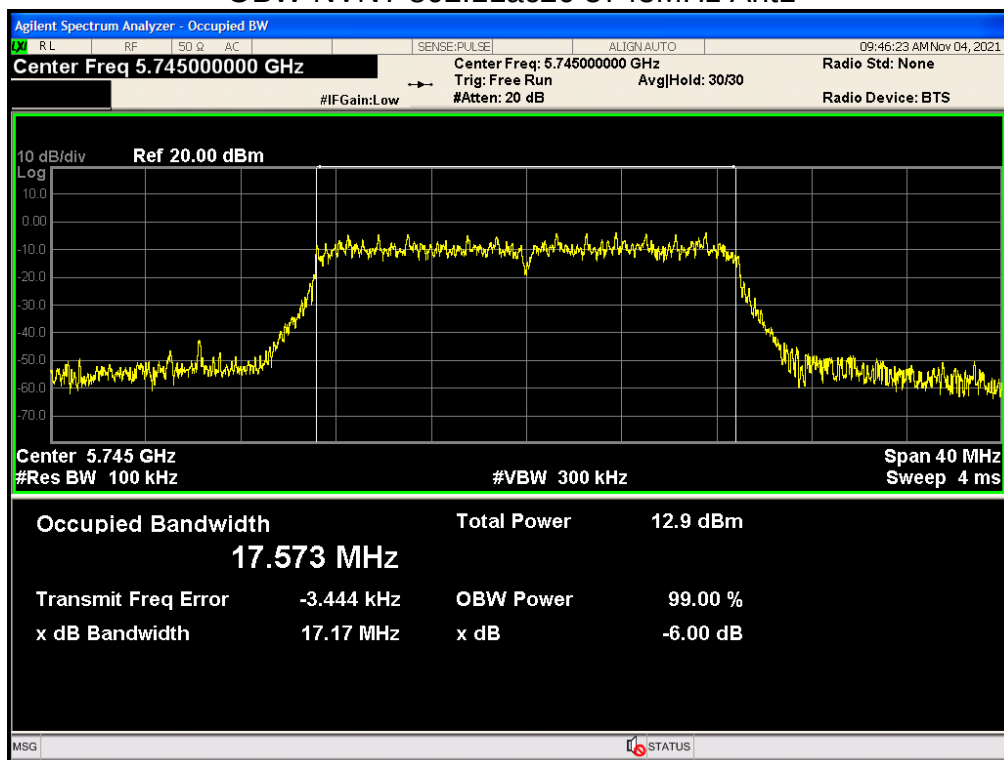
OBW NVNT 802.11a 5785MHz Ant1



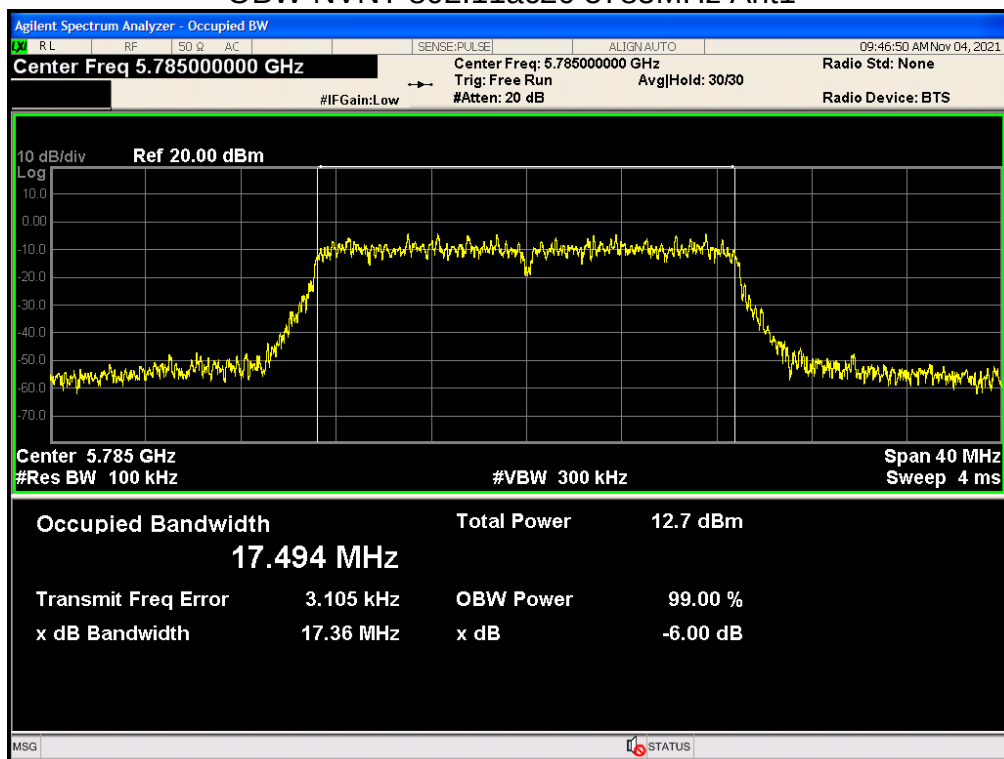
OBW NVNT 802.11a 5825MHz Ant1



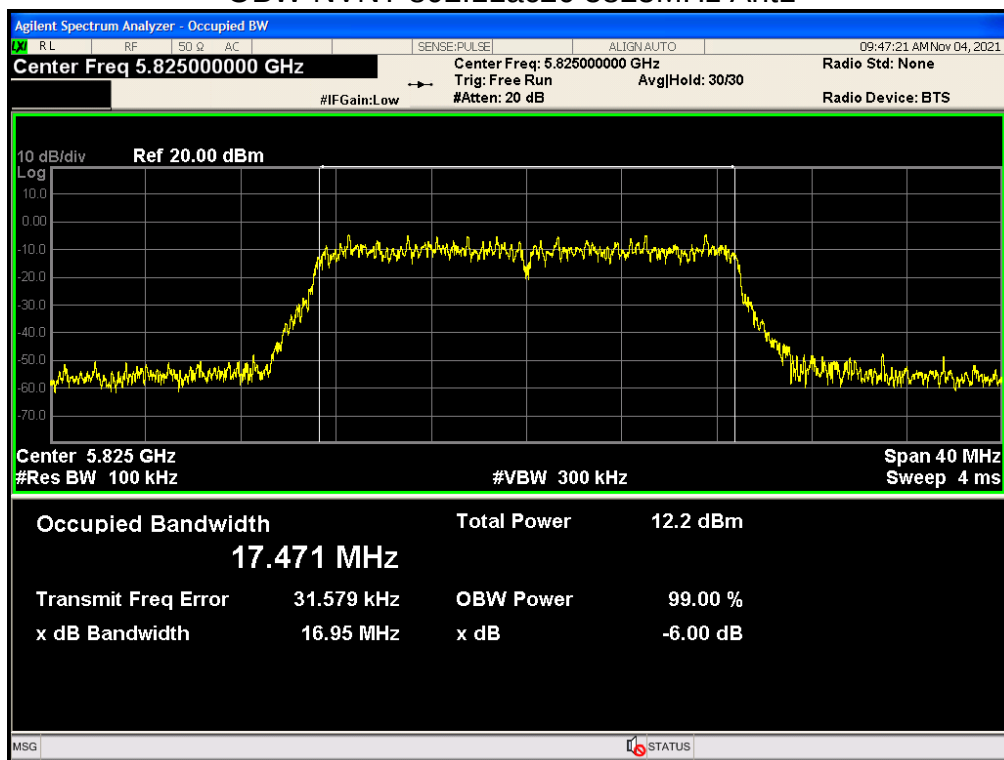
OBW NVNT 802.11ac20 5745MHz Ant1



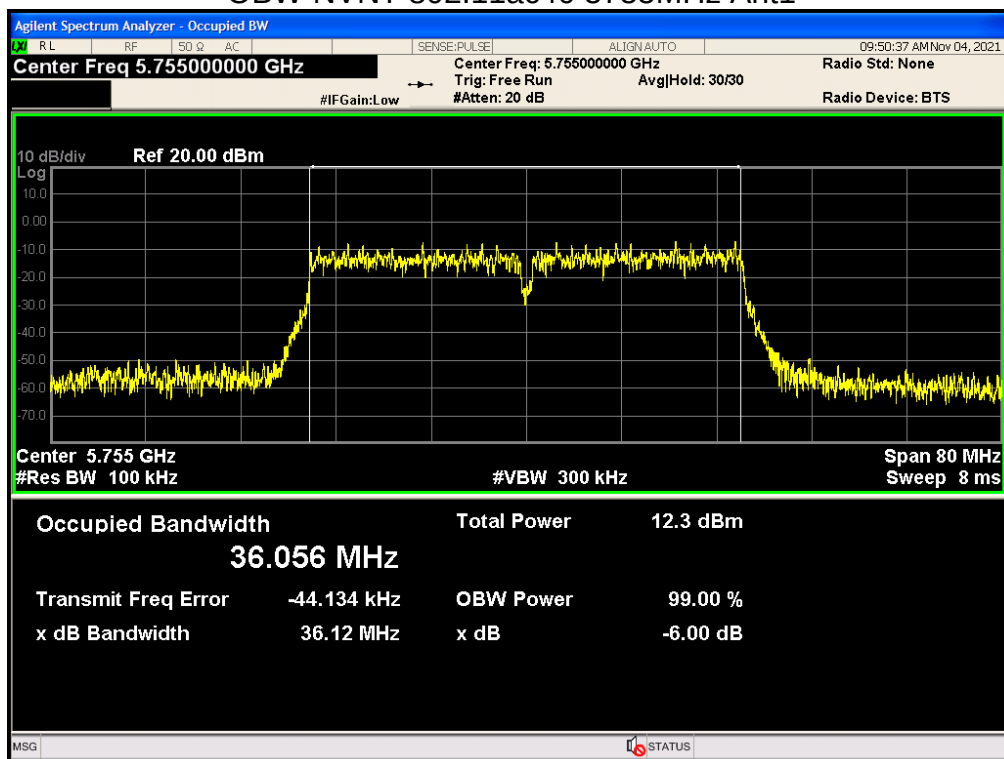
OBW NVNT 802.11ac20 5785MHz Ant1



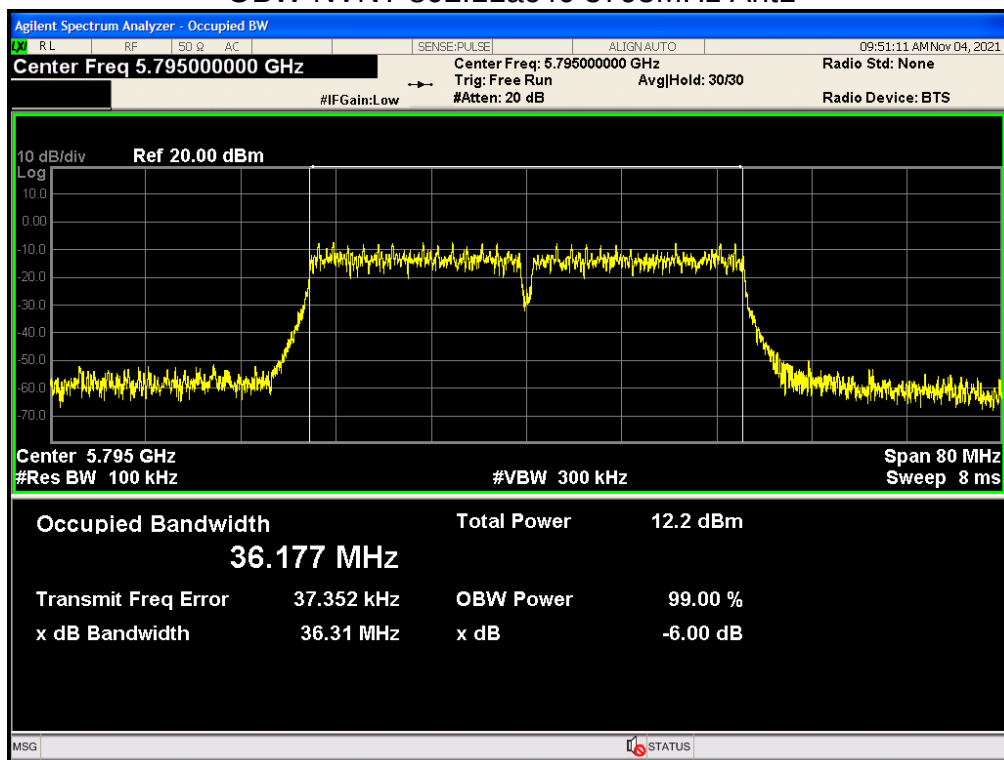
OBW NVNT 802.11ac20 5825MHz Ant1



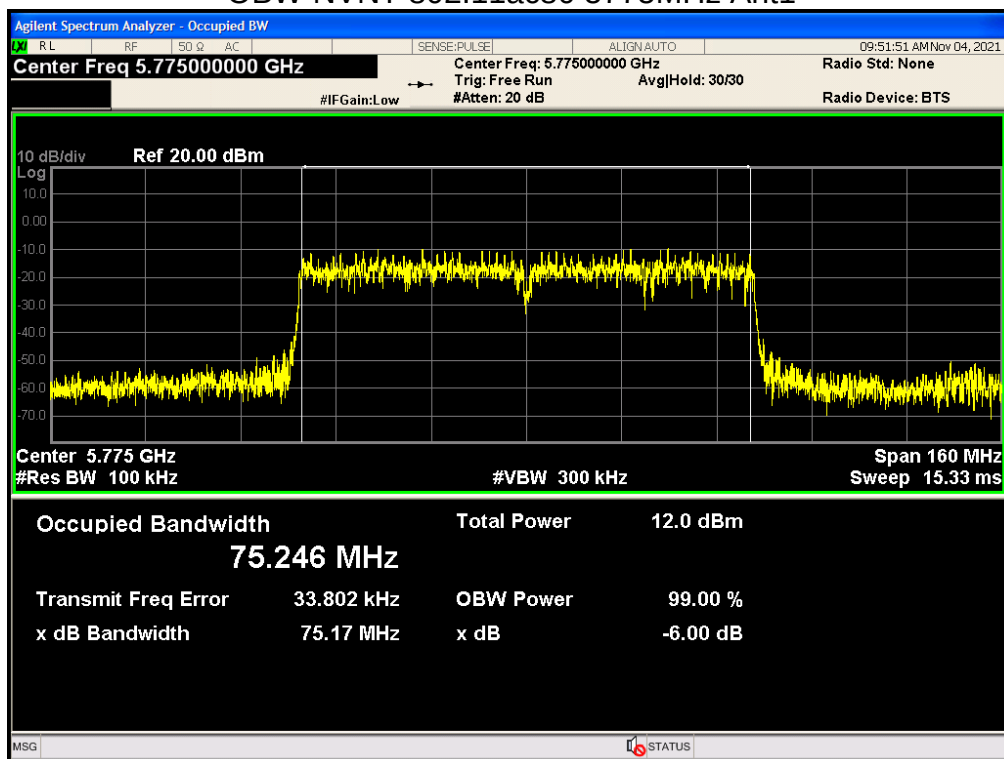
OBW NVNT 802.11ac40 5755MHz Ant1



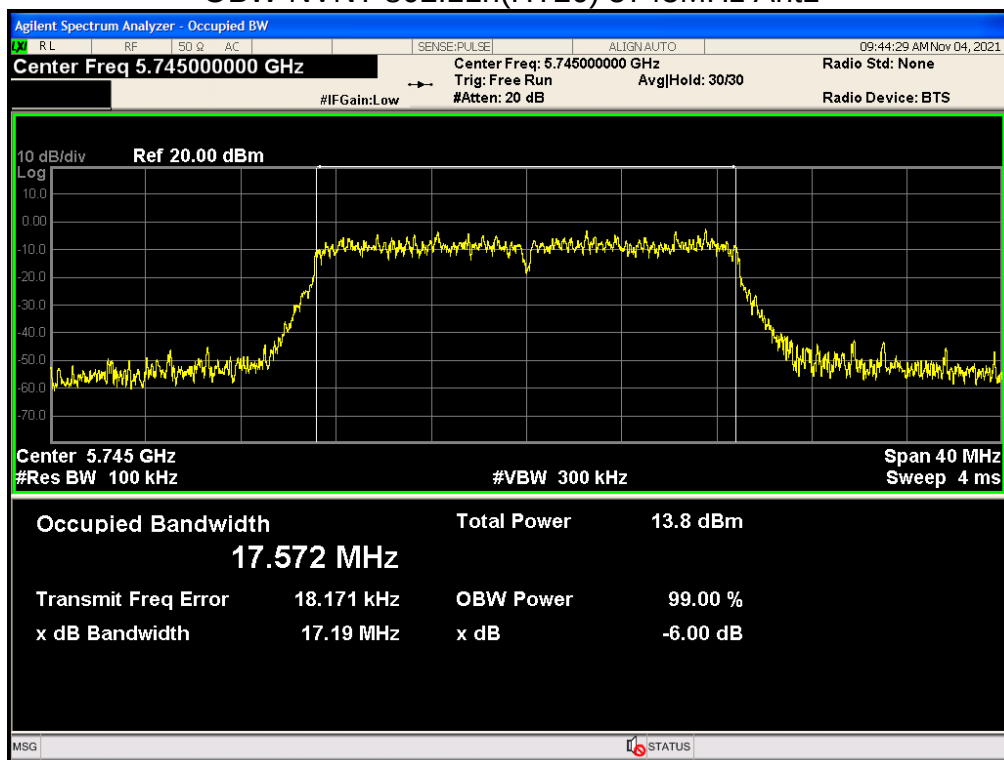
OBW NVNT 802.11ac40 5795MHz Ant1



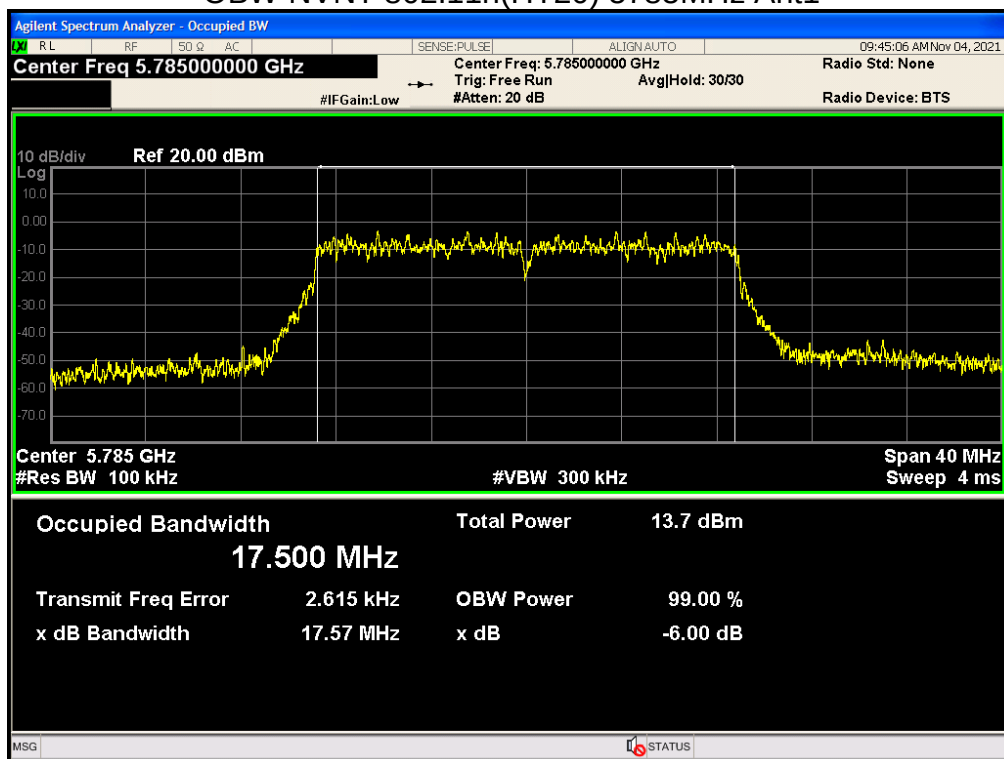
OBW NVNT 802.11ac80 5775MHz Ant1



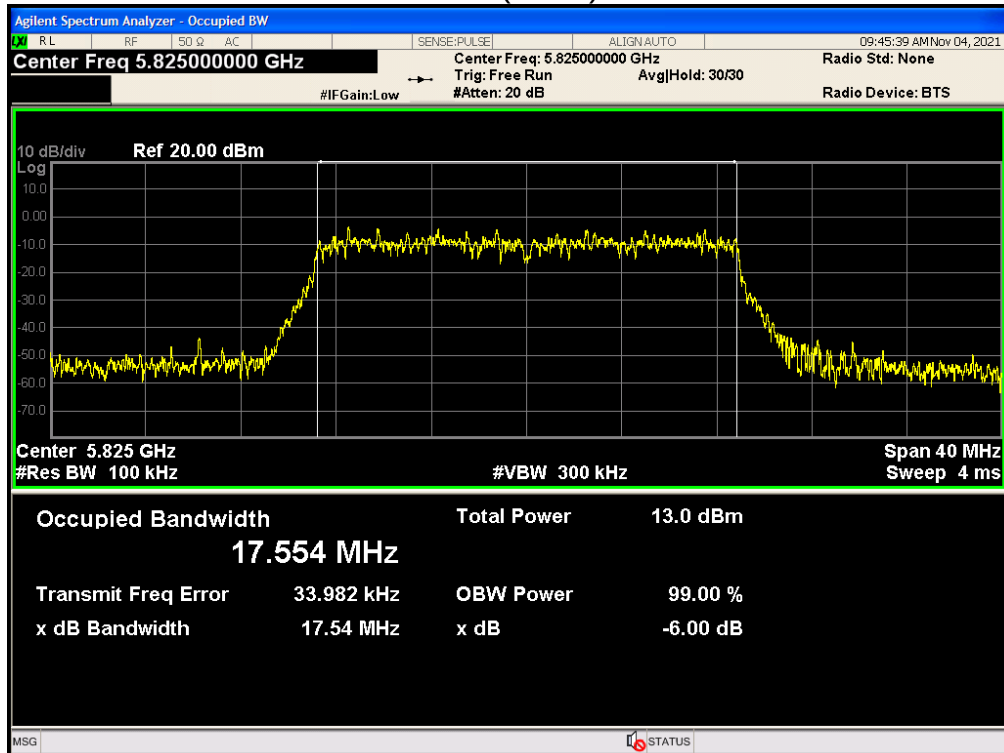
OBW NVNT 802.11n(HT20) 5745MHz Ant1



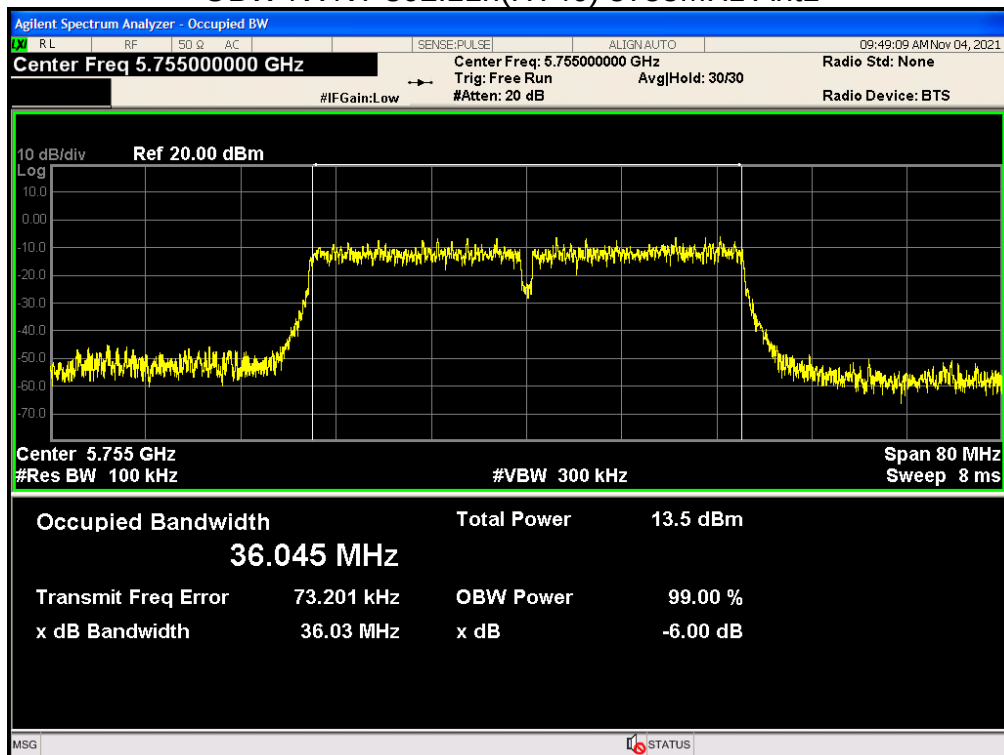
OBW NVNT 802.11n(HT20) 5785MHz Ant1



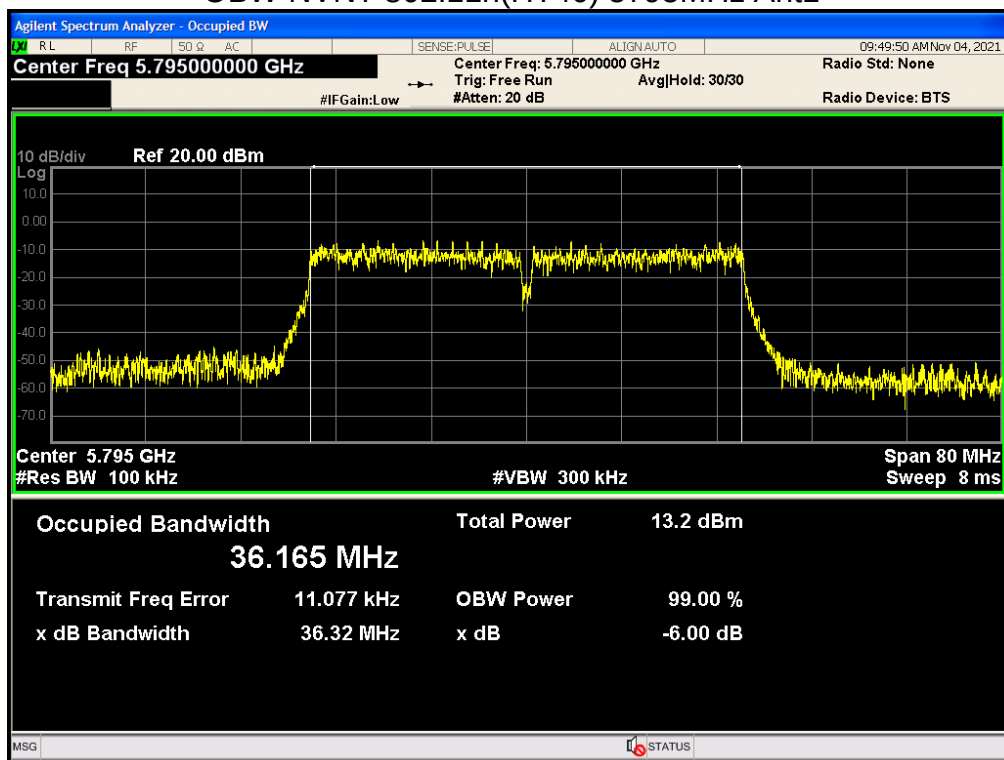
OBW NVNT 802.11n(HT20) 5825MHz Ant1



OBW NVNT 802.11n(HT40) 5755MHz Ant1



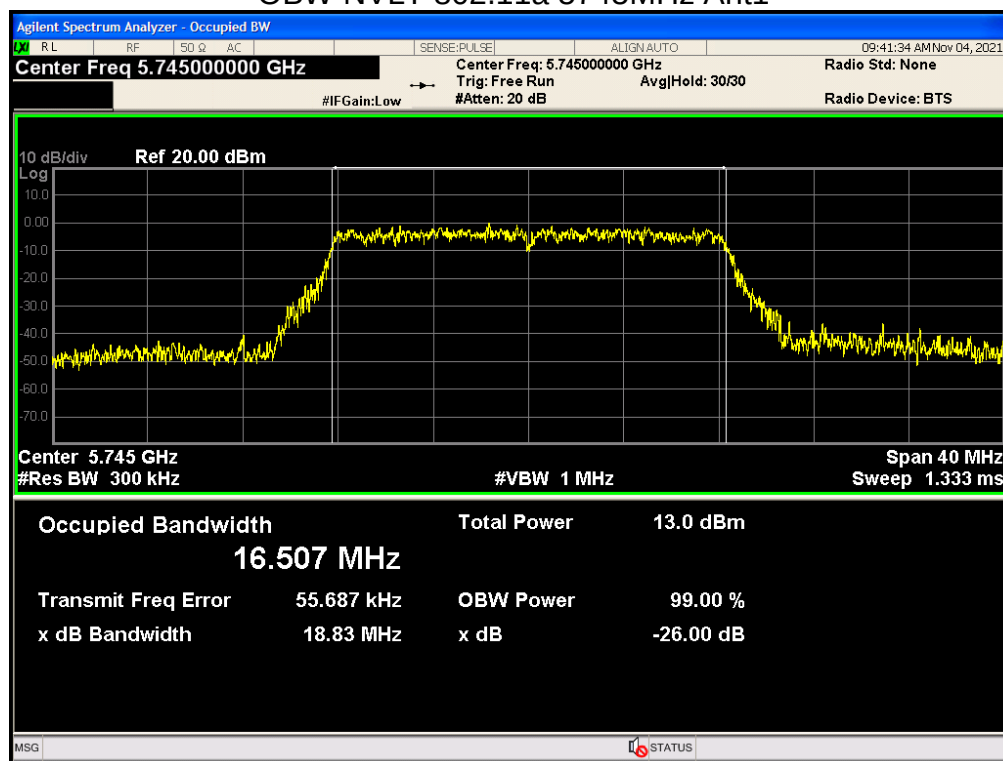
OBW NVNT 802.11n(HT40) 5795MHz Ant1



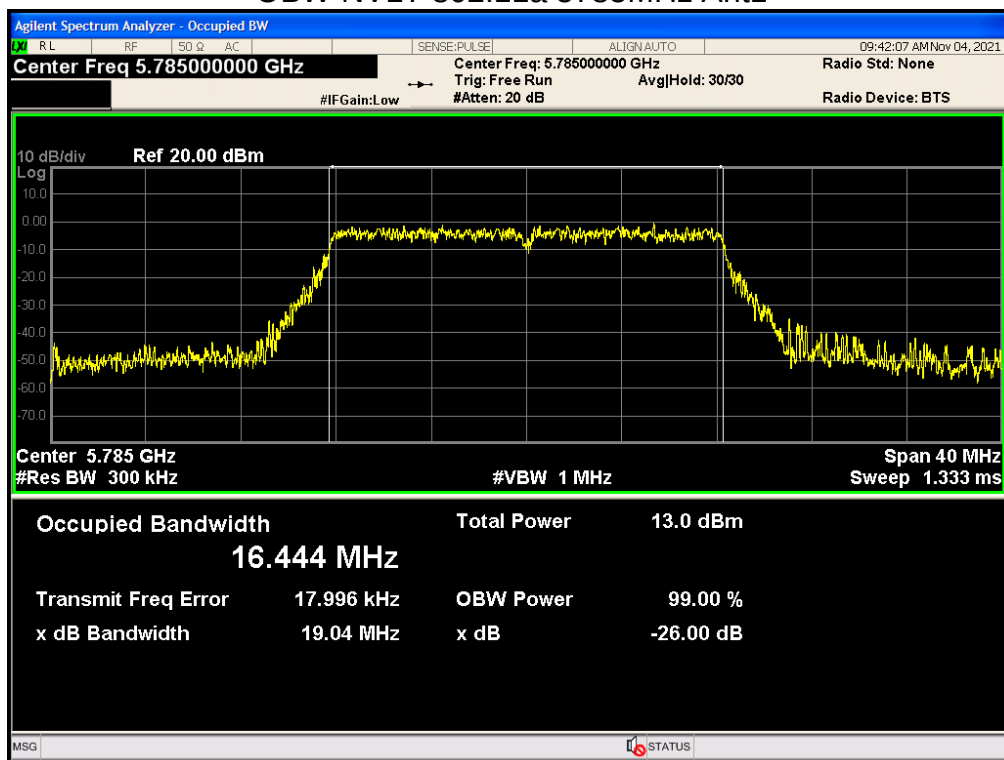
Occupied Channel Bandwidth

Condition	Mode	Frequency (MHz)	Antenna	99% OBW (MHz)	-26 dB Bandwidth (MHz)
NVNT	802.11a	5745	Ant 1	16.507	18.83
NVNT	802.11a	5785	Ant 1	16.4436	19.04
NVNT	802.11a	5825	Ant 1	16.5437	18.91
NVNT	802.11ac20	5745	Ant 1	17.7125	19.75
NVNT	802.11ac20	5785	Ant 1	17.5925	19.77
NVNT	802.11ac20	5825	Ant 1	17.6423	19.49
NVNT	802.11ac40	5755	Ant 1	36.4148	40.33
NVNT	802.11ac40	5795	Ant 1	36.3914	40.47
NVNT	802.11ac80	5775	Ant 1	75.5533	78.79
NVNT	802.11n(HT20)	5745	Ant 1	17.6137	19.48
NVNT	802.11n(HT20)	5785	Ant 1	17.6438	19.56
NVNT	802.11n(HT20)	5825	Ant 1	17.6117	19.6
NVNT	802.11n(HT40)	5755	Ant 1	36.3443	39.95
NVNT	802.11n(HT40)	5795	Ant 1	36.5207	39.88

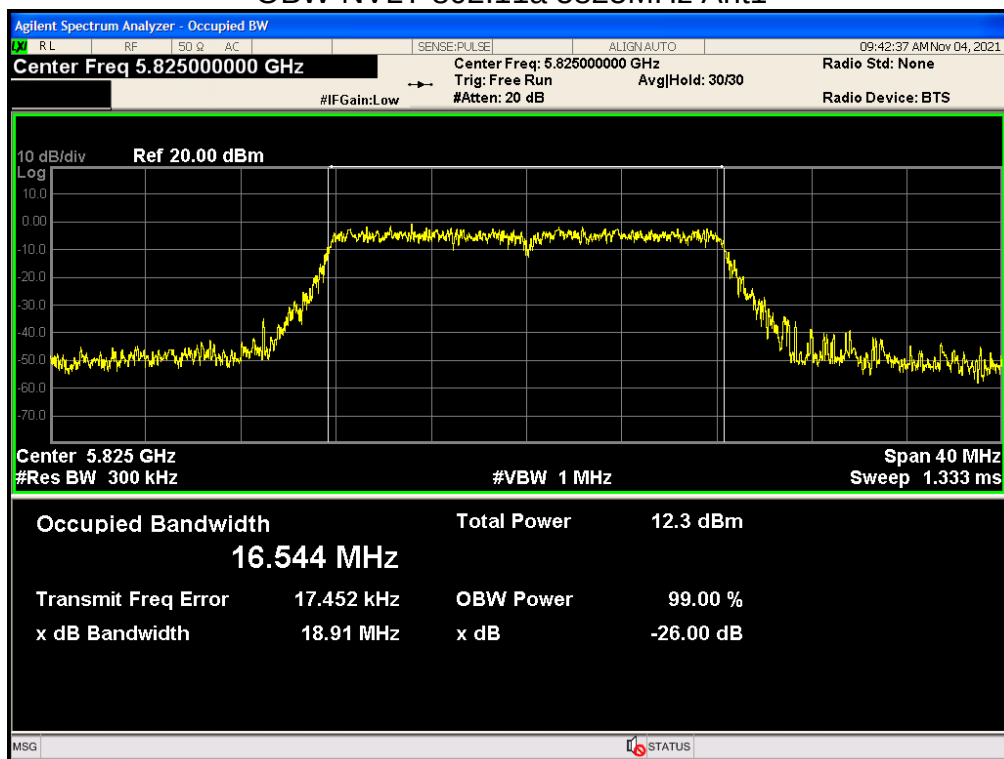
OBW NVLT 802.11a 5745MHz Ant1



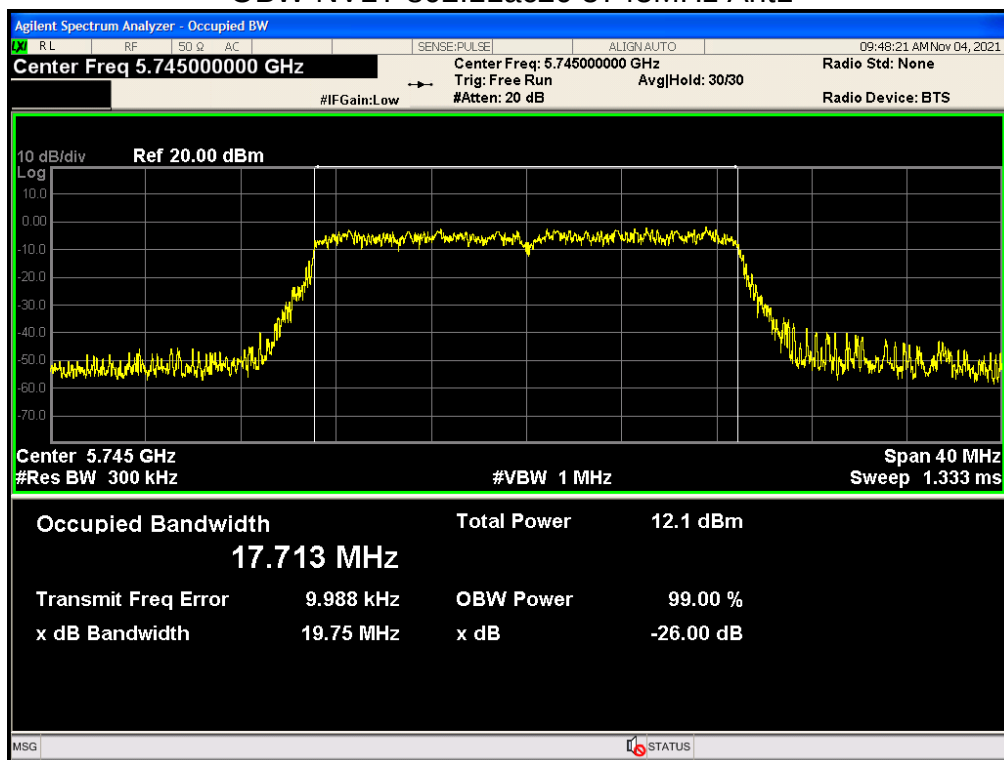
OBW NVLT 802.11a 5785MHz Ant1



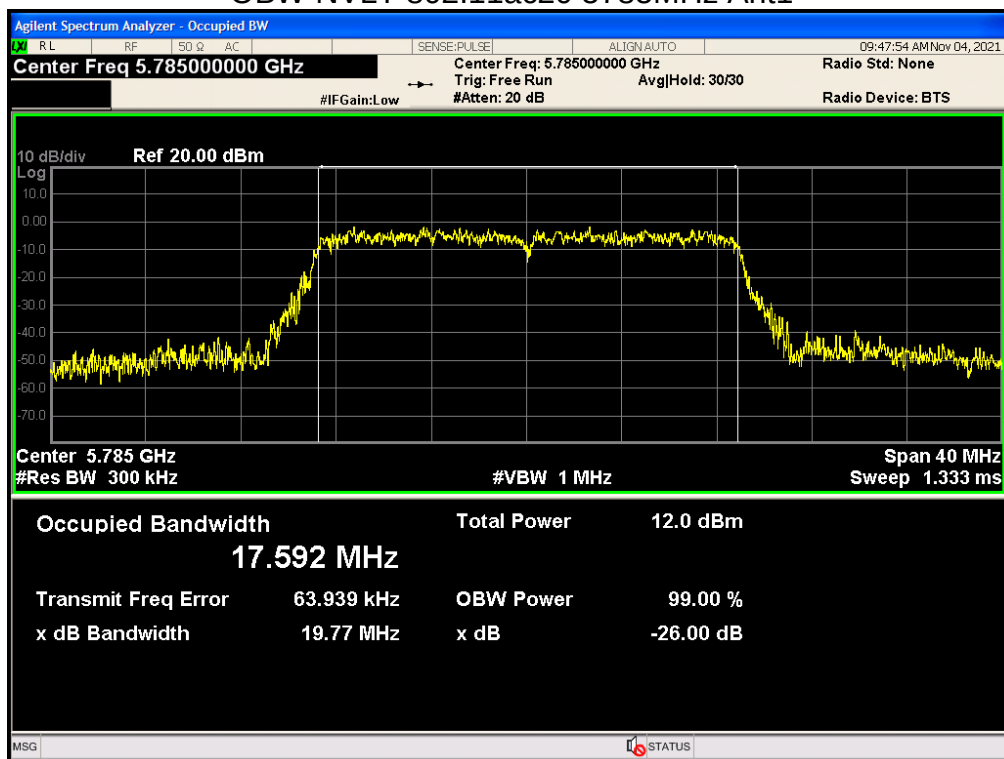
OBW NVLT 802.11a 5825MHz Ant1



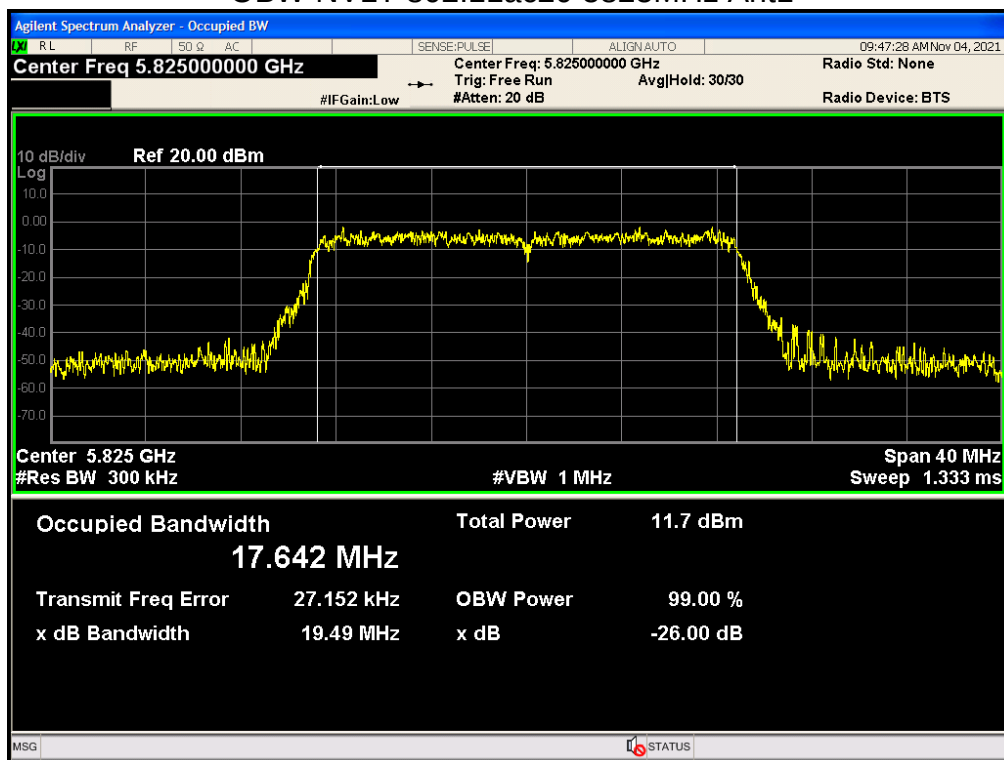
OBW NVLT 802.11ac20 5745MHz Ant1



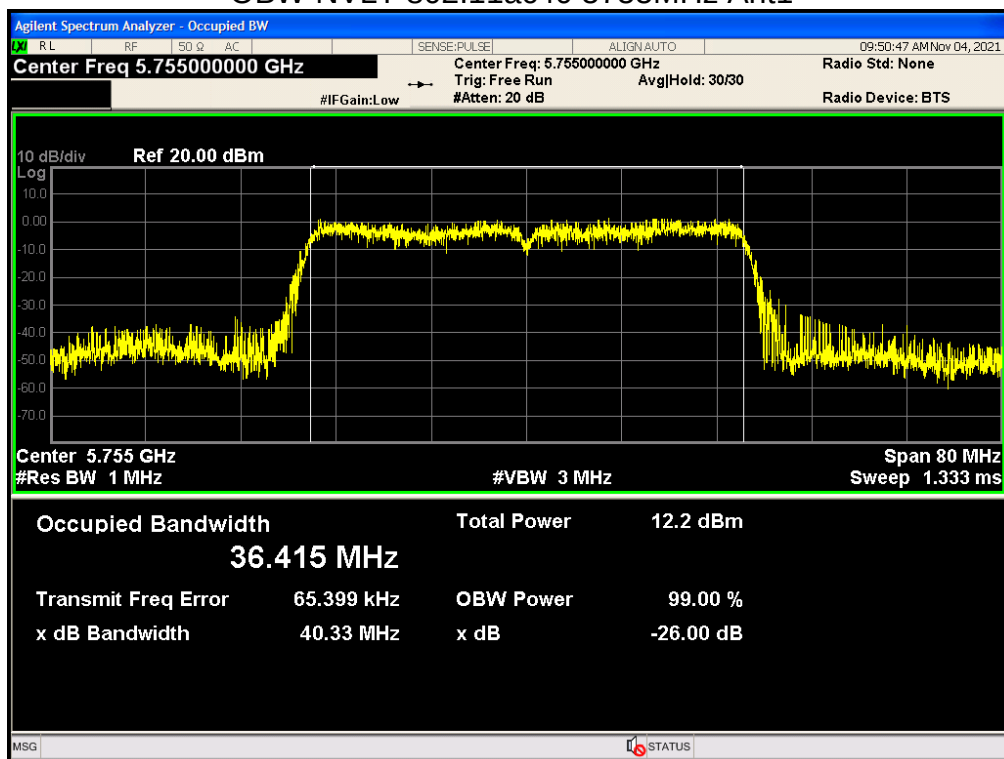
OBW NVLT 802.11ac20 5785MHz Ant1



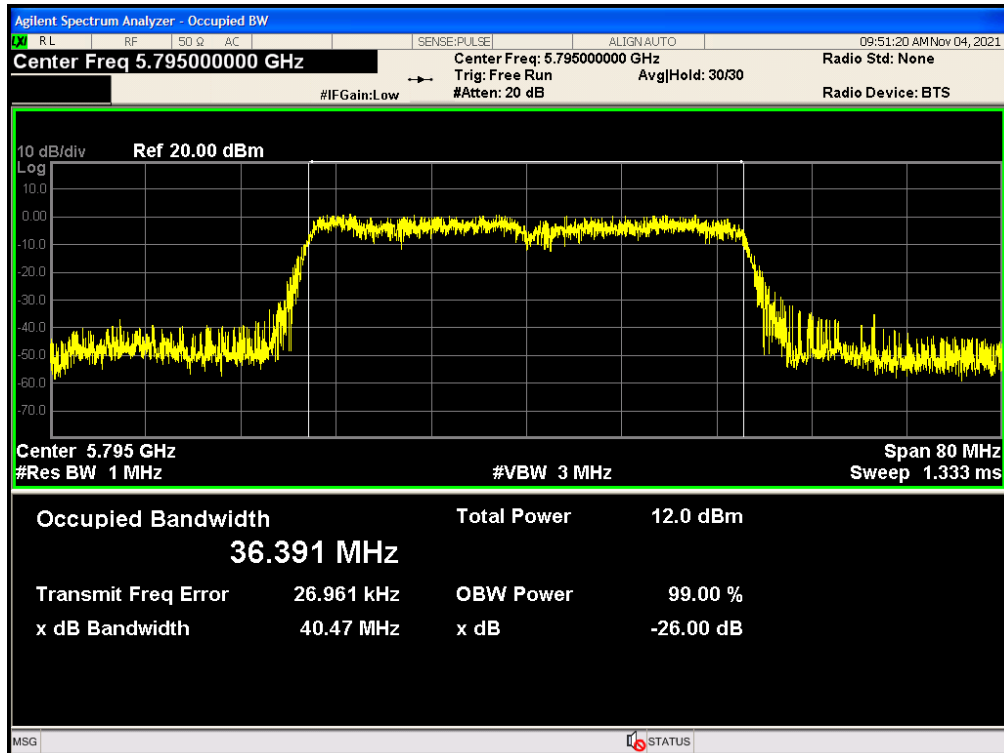
OBW NVLT 802.11ac20 5825MHz Ant1



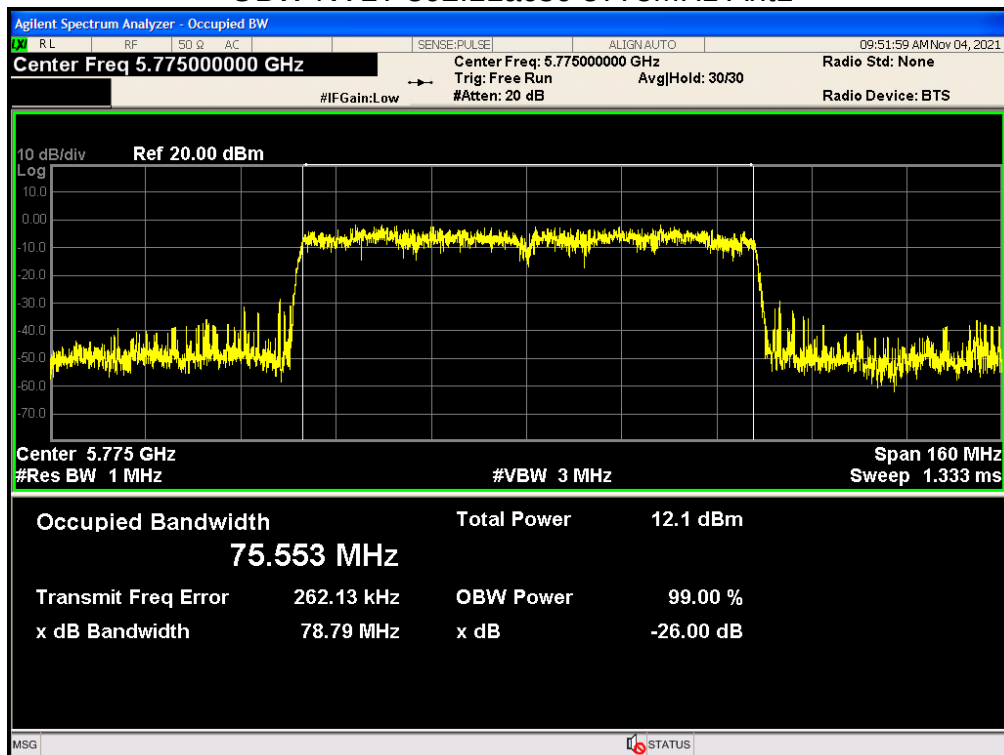
OBW NVLT 802.11ac40 5755MHz Ant1



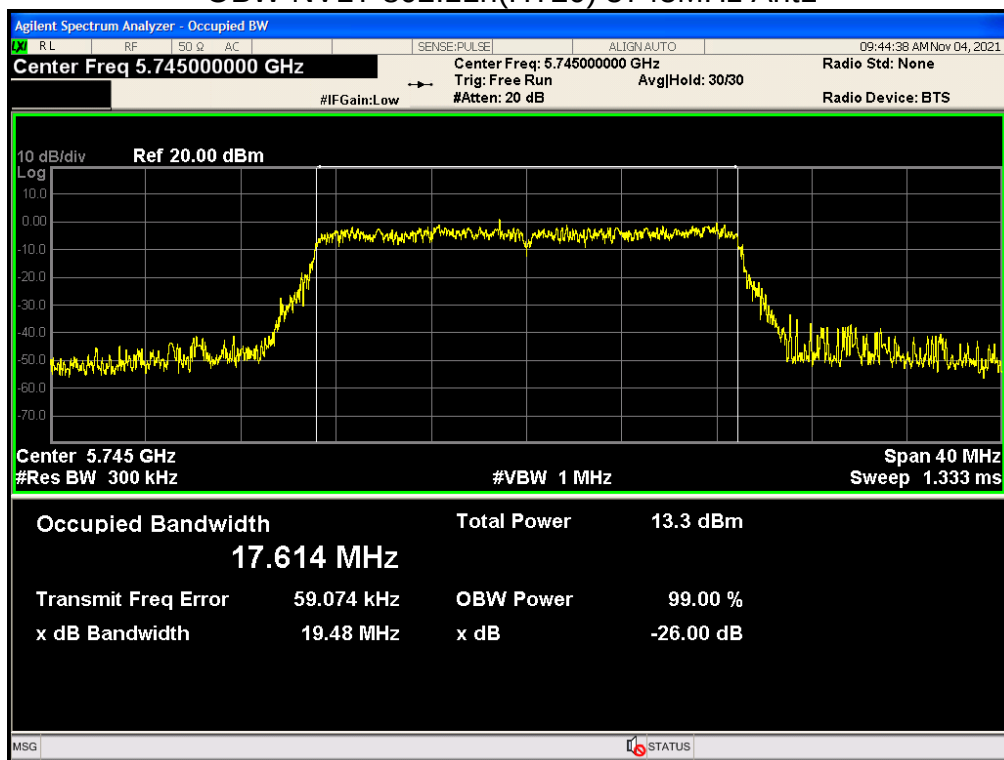
OBW NVLT 802.11ac40 5795MHz Ant1



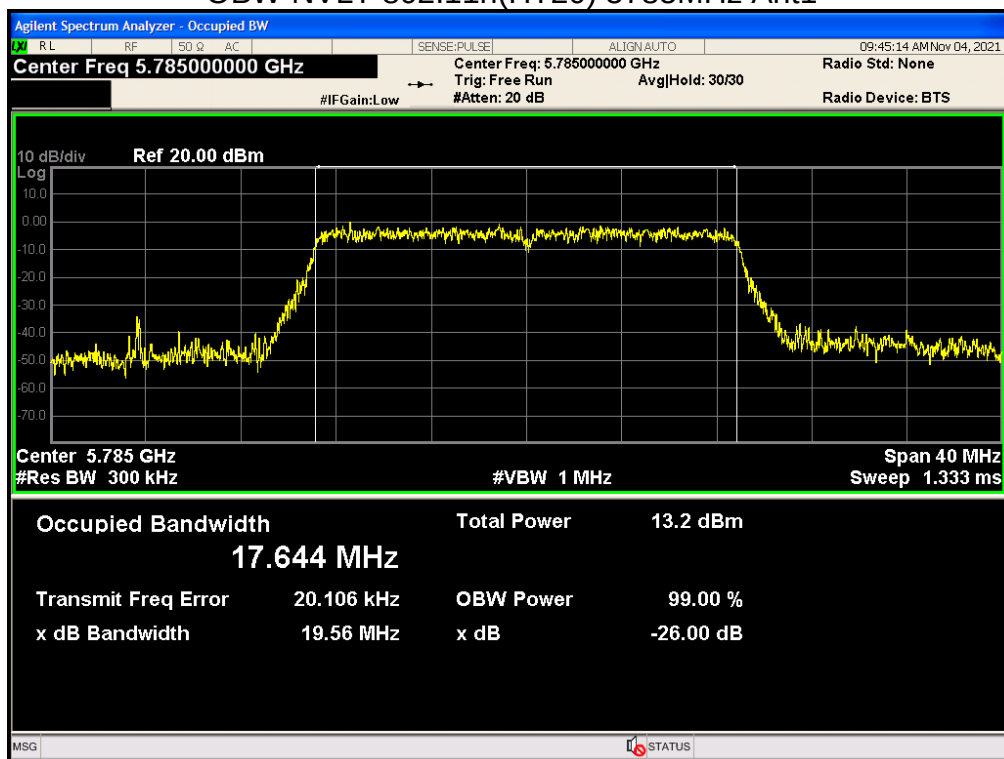
OBW NVLT 802.11ac80 5775MHz Ant1



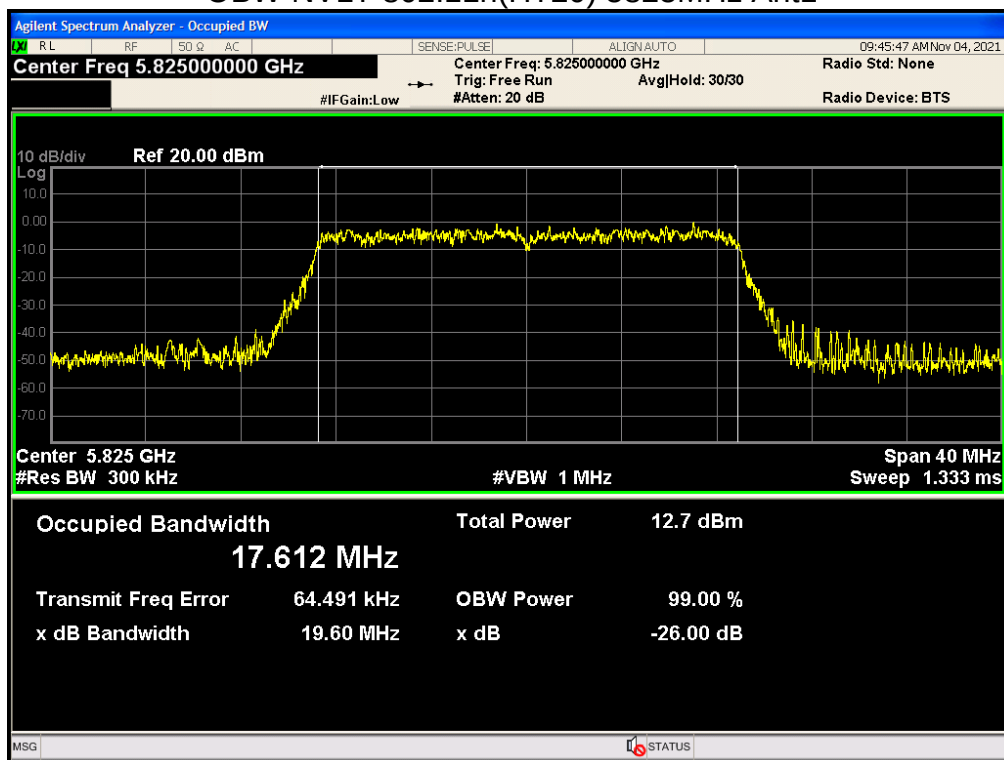
OBW NVLT 802.11n(HT20) 5745MHz Ant1



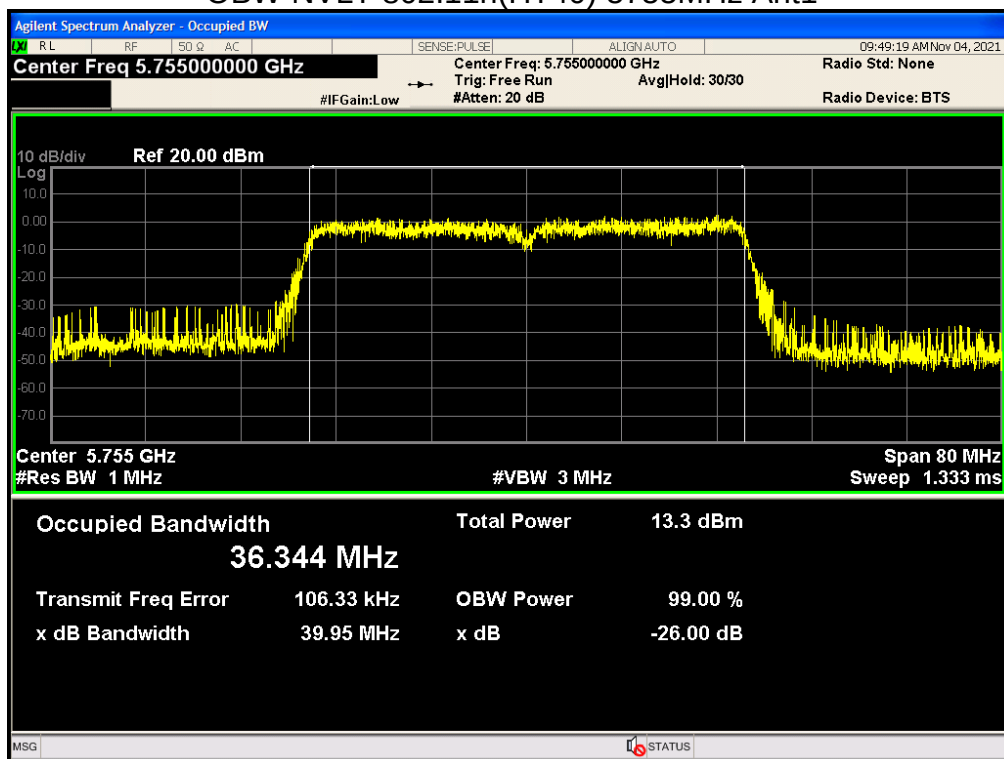
OBW NVLT 802.11n(HT20) 5785MHz Ant1



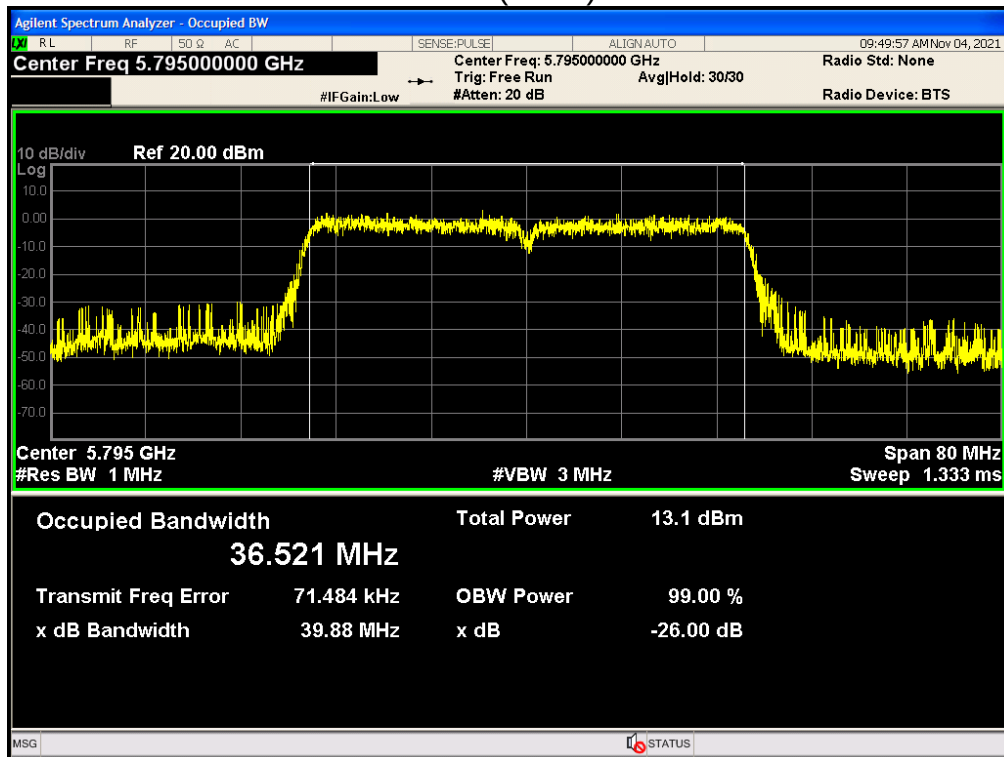
OBW NVLT 802.11n(HT20) 5825MHz Ant1



OBW NVLT 802.11n(HT40) 5755MHz Ant1



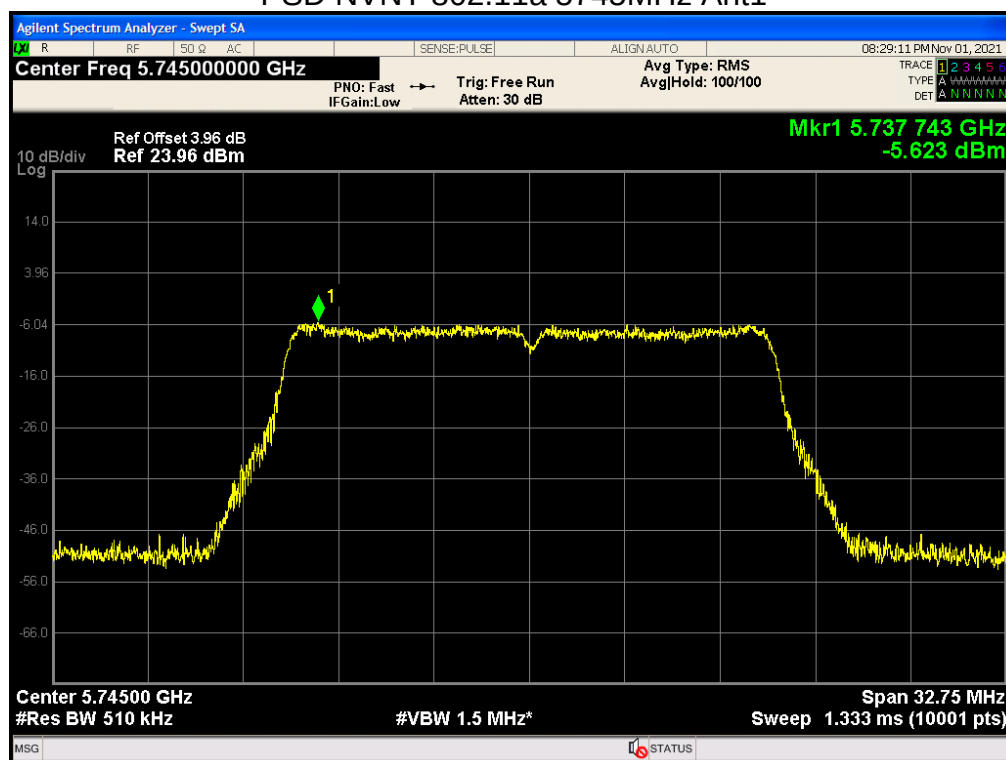
OBW NVLT 802.11n(HT40) 5795MHz Ant1



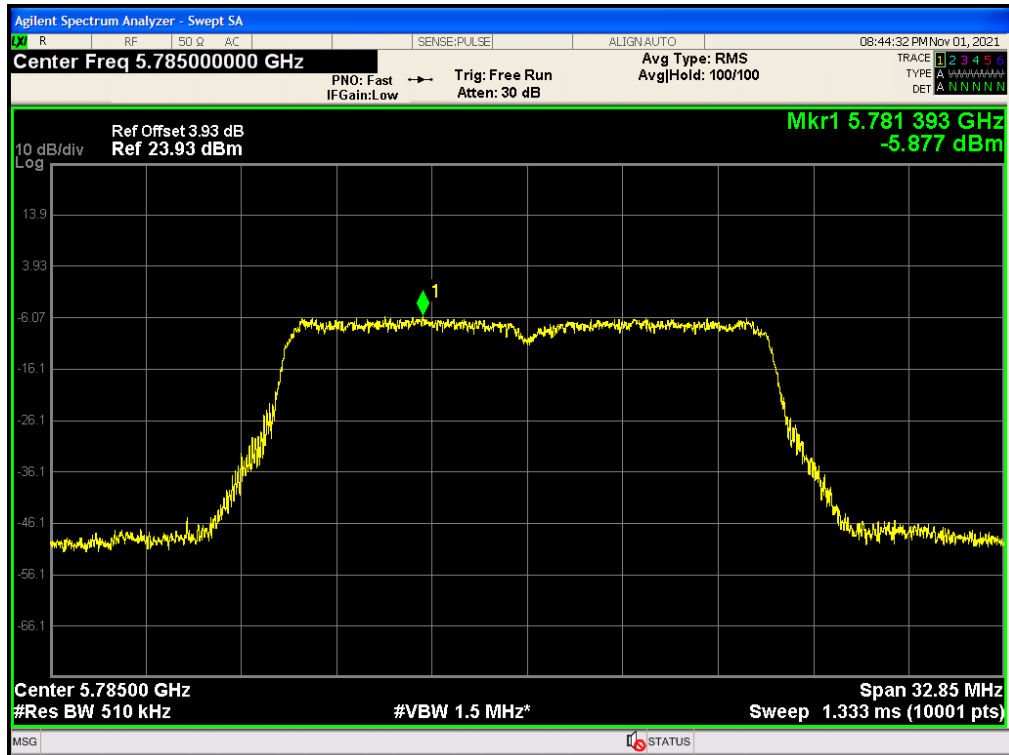
Maximum Power Spectral Density Level

Condition	Mode	Frequency (MHz)	Antenna	Max PSD (dBm)	Limit (dBm)	Verdict
NVNT	802.11a	5745	Ant 1	-5.623	30	Pass
NVNT	802.11a	5785	Ant 1	-5.877	30	Pass
NVNT	802.11a	5825	Ant 1	-6.379	30	Pass
NVNT	802.11ac20	5745	Ant 1	-6.902	30	Pass
NVNT	802.11ac20	5785	Ant 1	-6.678	30	Pass
NVNT	802.11ac20	5825	Ant 1	-7.32	30	Pass
NVNT	802.11ac40	5755	Ant 1	-10.732	30	Pass
NVNT	802.11ac40	5795	Ant 1	-10.871	30	Pass
NVNT	802.11ac80	5775	Ant 1	-12.892	30	Pass
NVNT	802.11n(HT20)	5745	Ant 1	-5.82	30	Pass
NVNT	802.11n(HT20)	5785	Ant 1	-5.627	30	Pass
NVNT	802.11n(HT20)	5825	Ant 1	-6.208	30	Pass
NVNT	802.11n(HT40)	5755	Ant 1	-9.331	30	Pass
NVNT	802.11n(HT40)	5795	Ant 1	-9.678	30	Pass

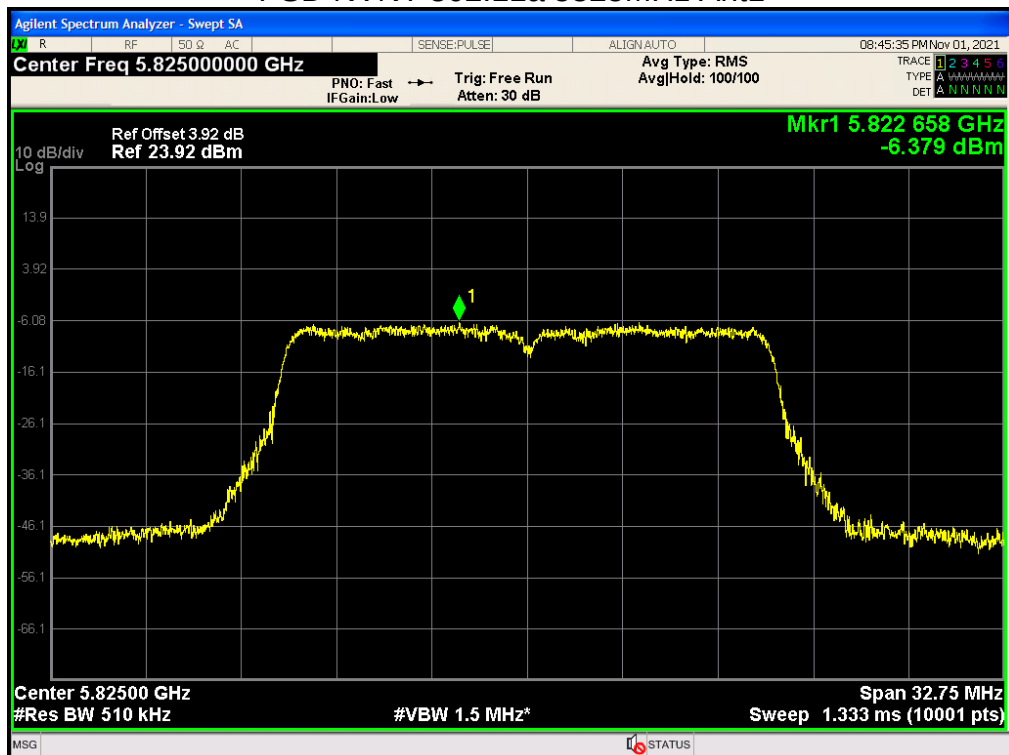
PSD NVNT 802.11a 5745MHz Ant1



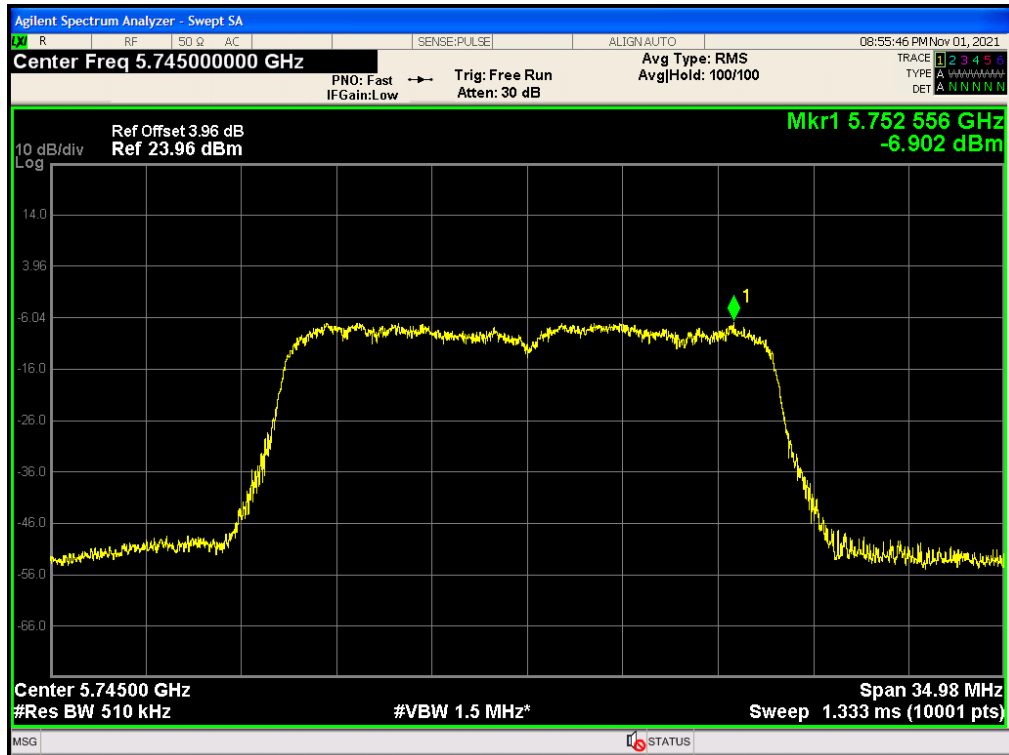
PSD NVNT 802.11a 5785MHz Ant1



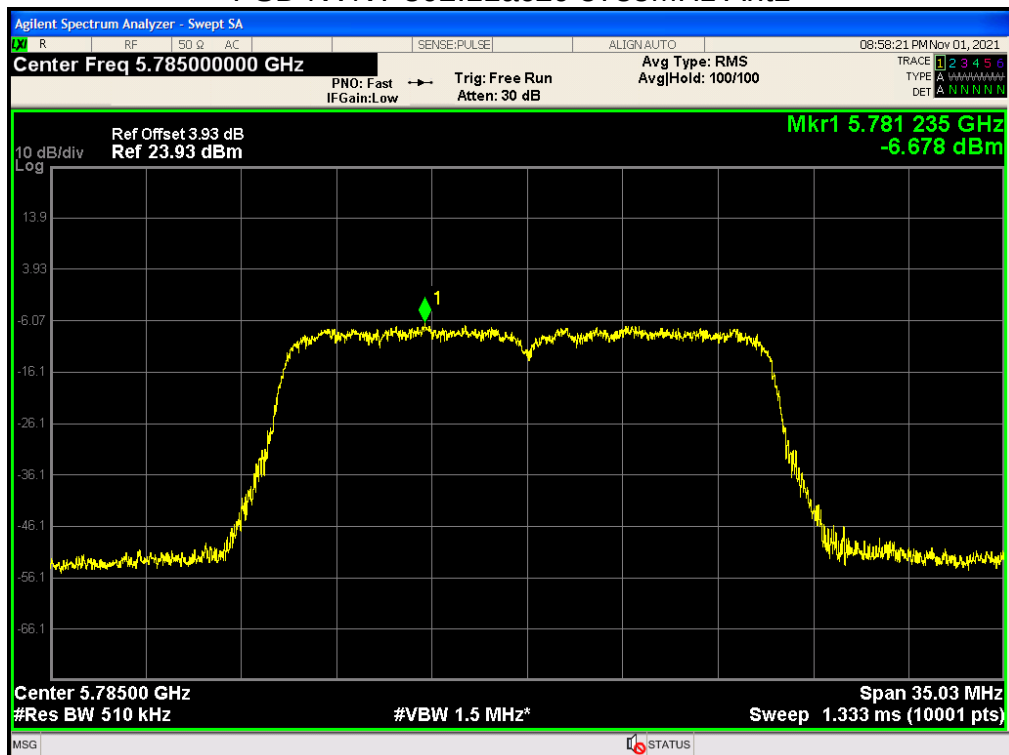
PSD NVNT 802.11a 5825MHz Ant1



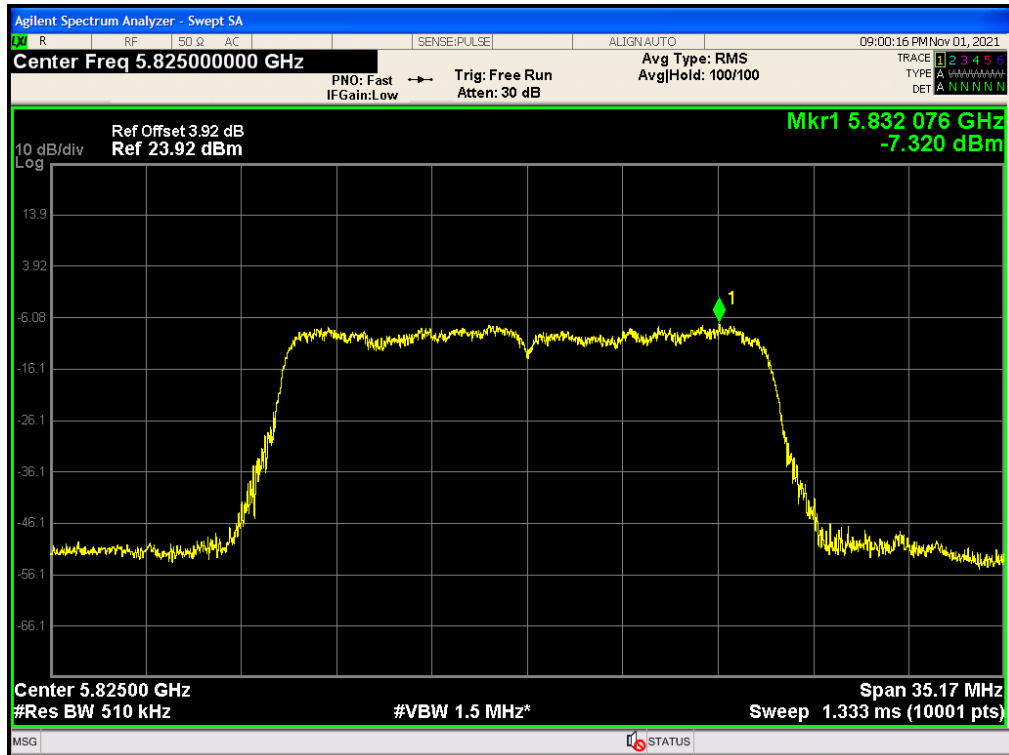
PSD NVNT 802.11ac20 5745MHz Ant1



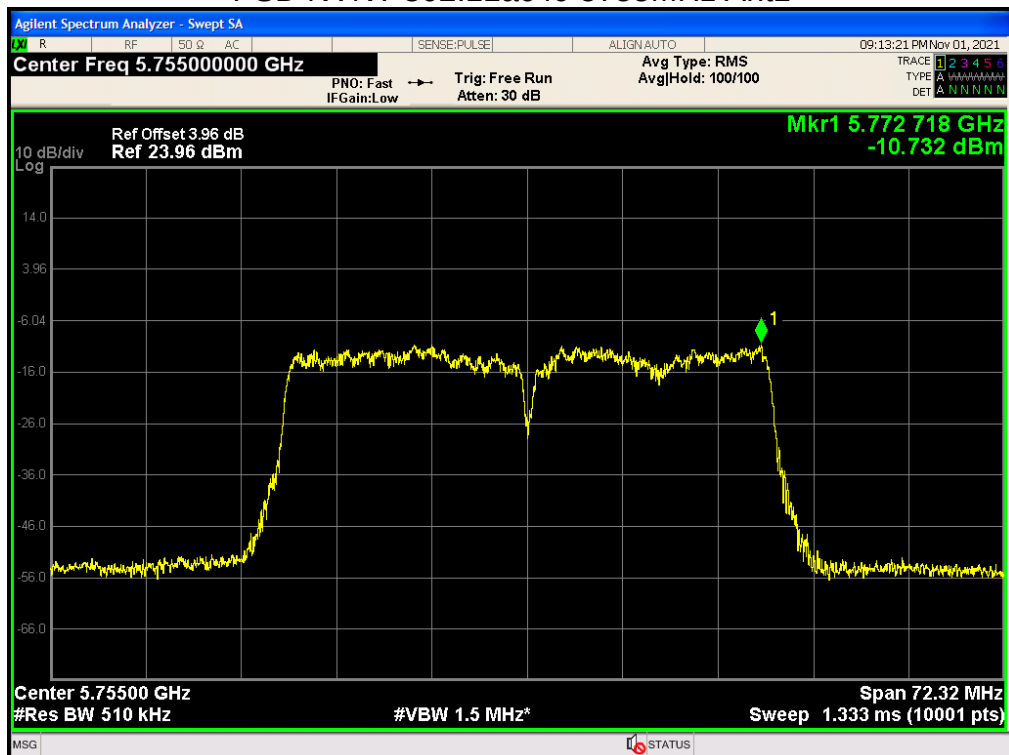
PSD NVNT 802.11ac20 5785MHz Ant1



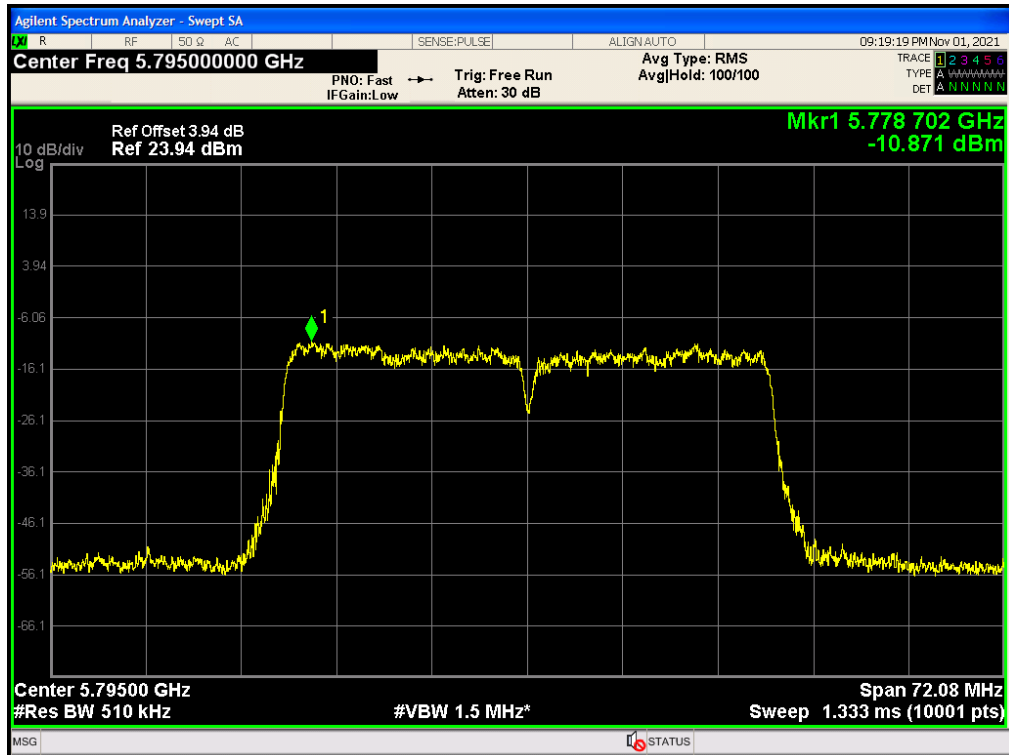
PSD NVNT 802.11ac20 5825MHz Ant1



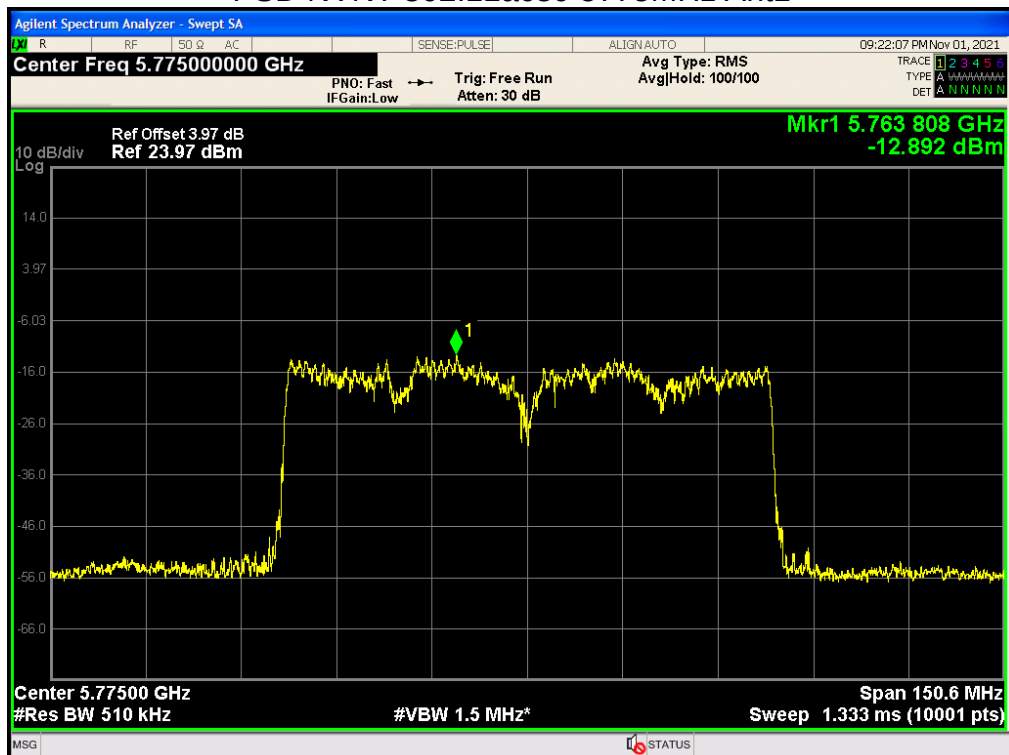
PSD NVNT 802.11ac40 5755MHz Ant1



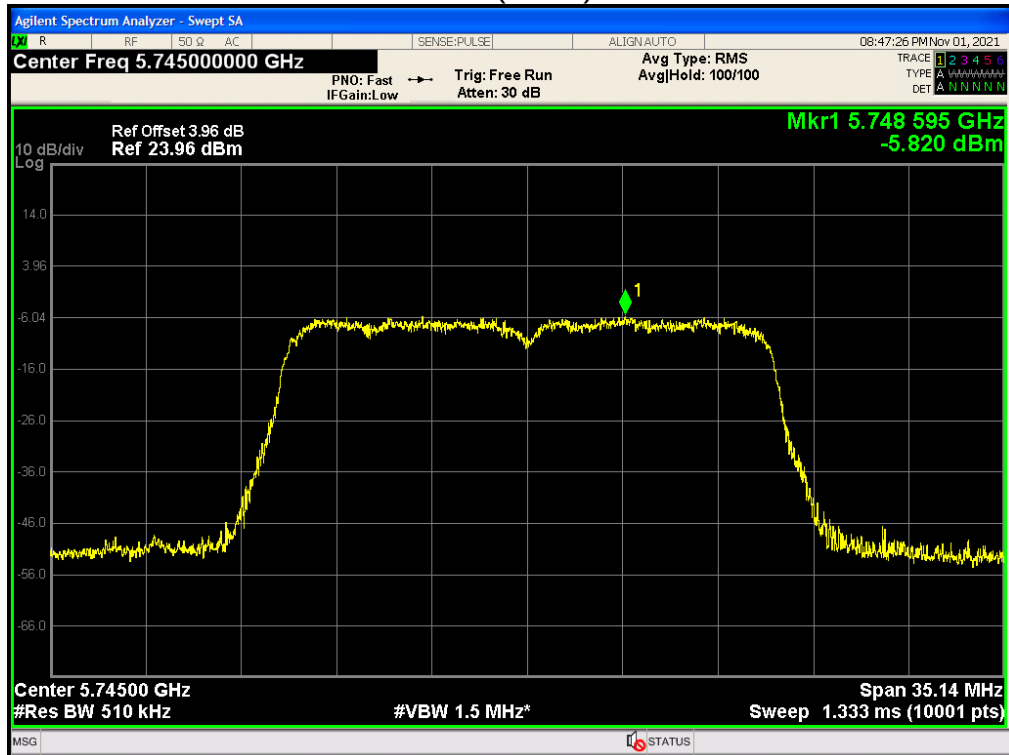
PSD NVNT 802.11ac40 5795MHz Ant1



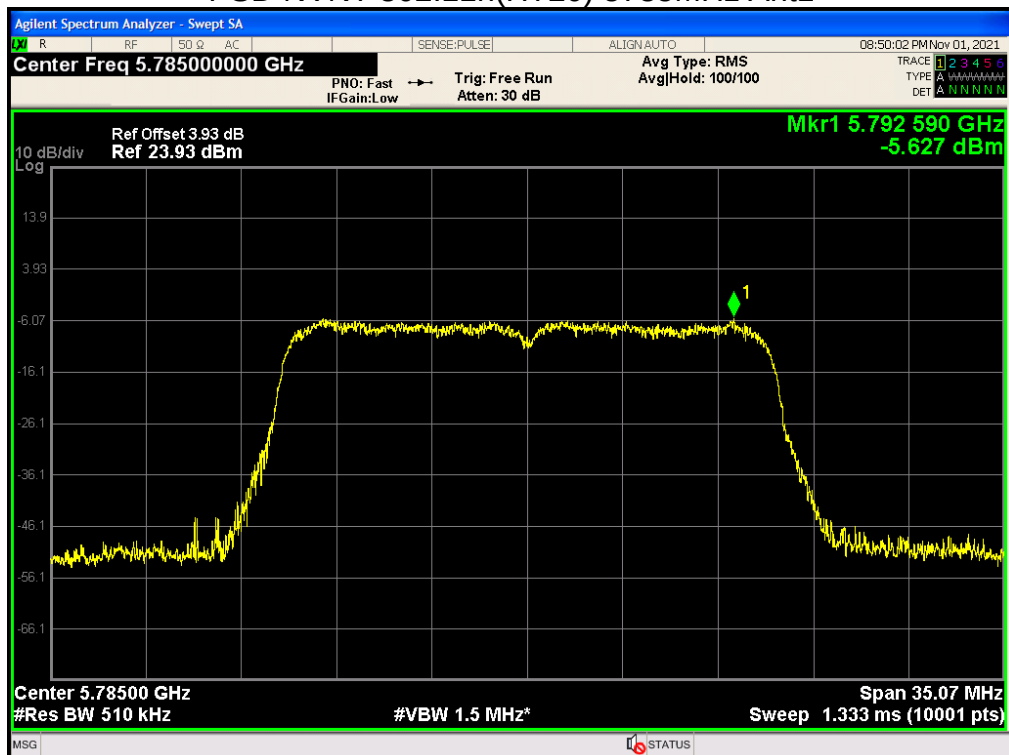
PSD NVNT 802.11ac80 5775MHz Ant1



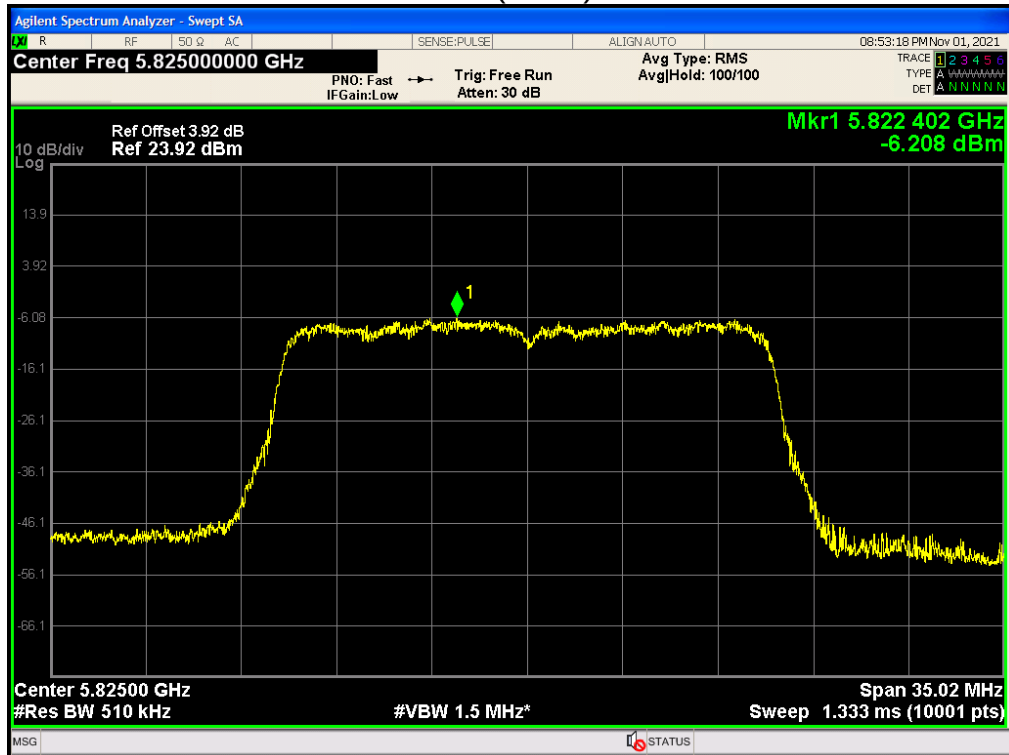
PSD NVNT 802.11n(HT20) 5745MHz Ant1



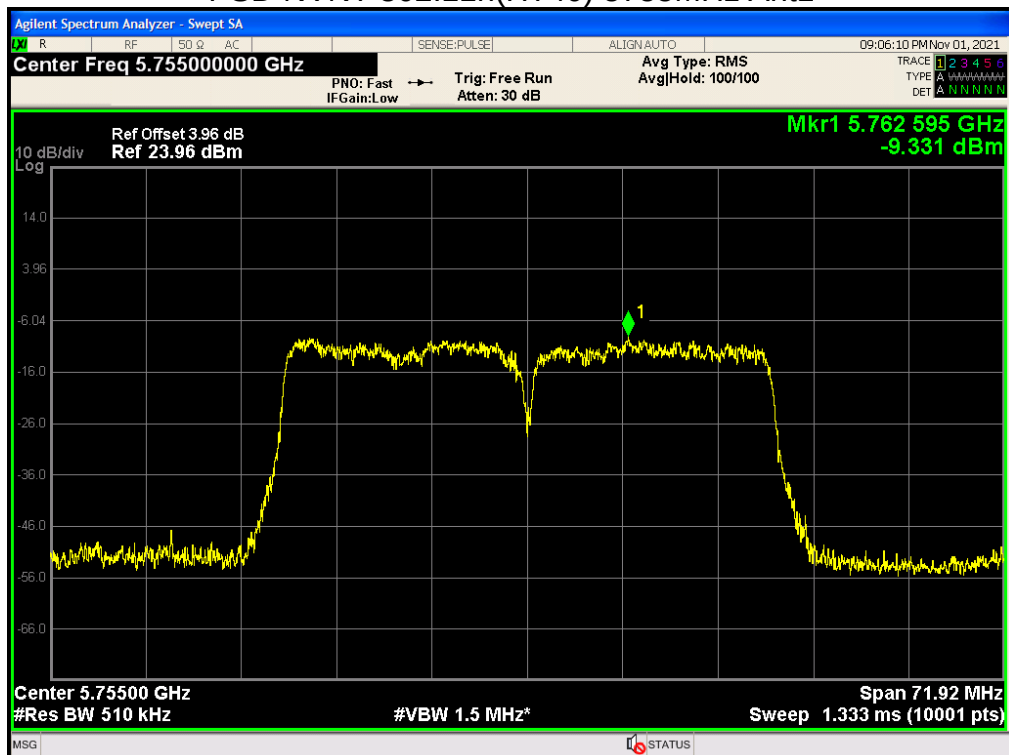
PSD NVNT 802.11n(HT20) 5785MHz Ant1



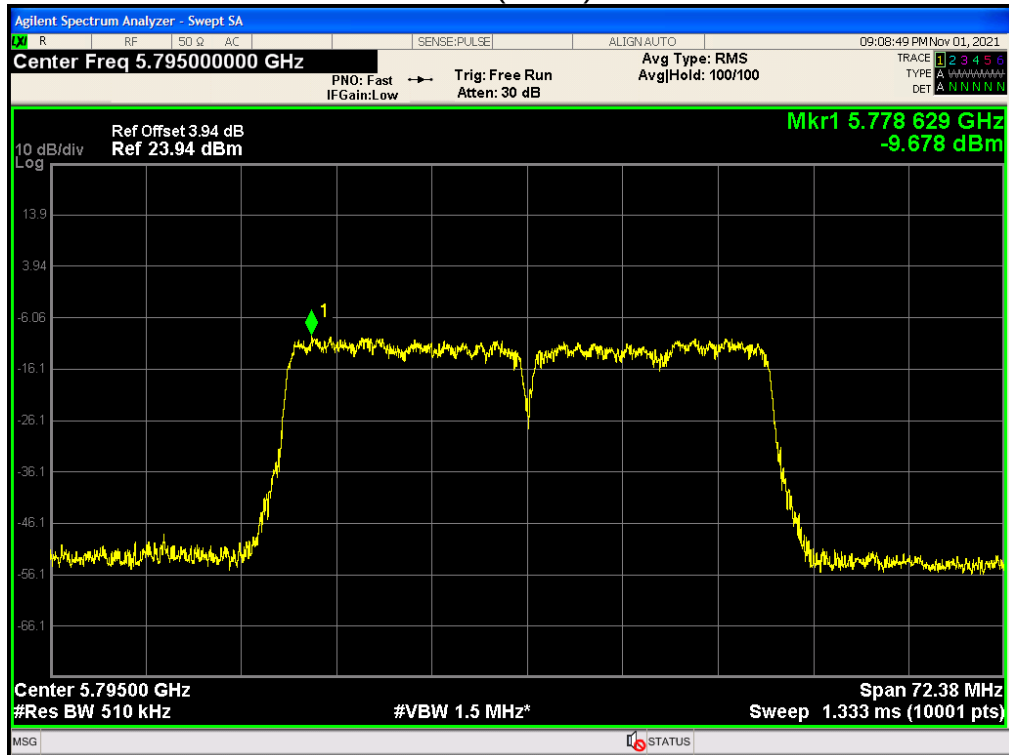
PSD NVNT 802.11n(HT20) 5825MHz Ant1



PSD NVNT 802.11n(HT40) 5755MHz Ant1



PSD NVNT 802.11n(HT40) 5795MHz Ant1



-----End of report-----