

Test Report

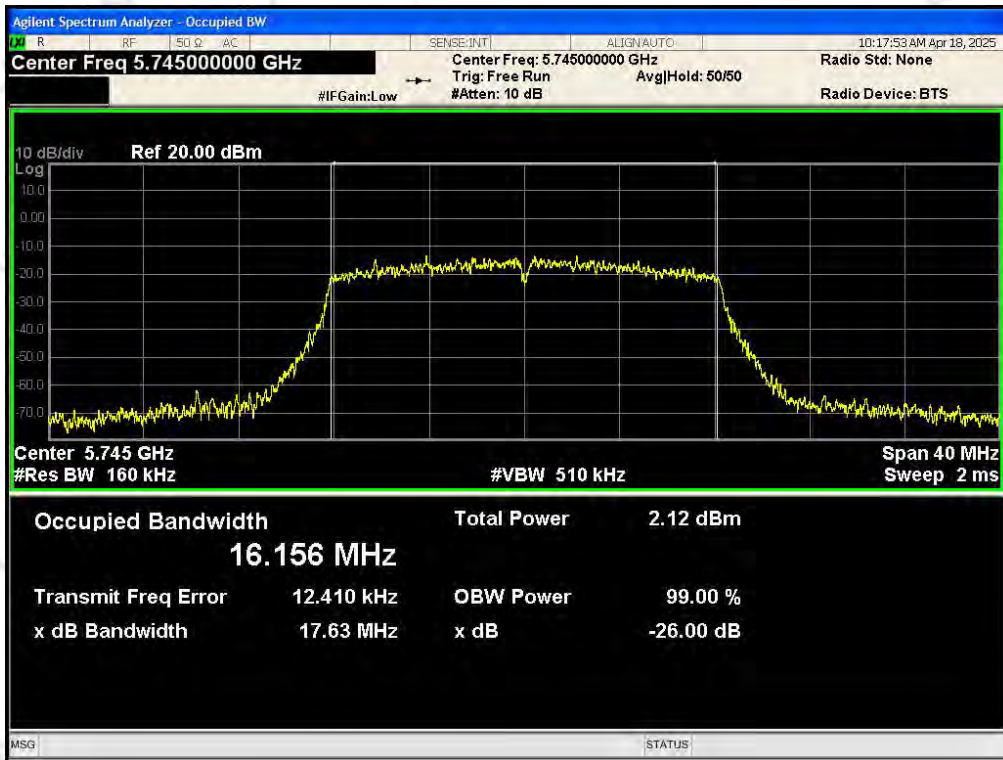
5G WIFI B4 RF test data

Occupied Channel Bandwidth

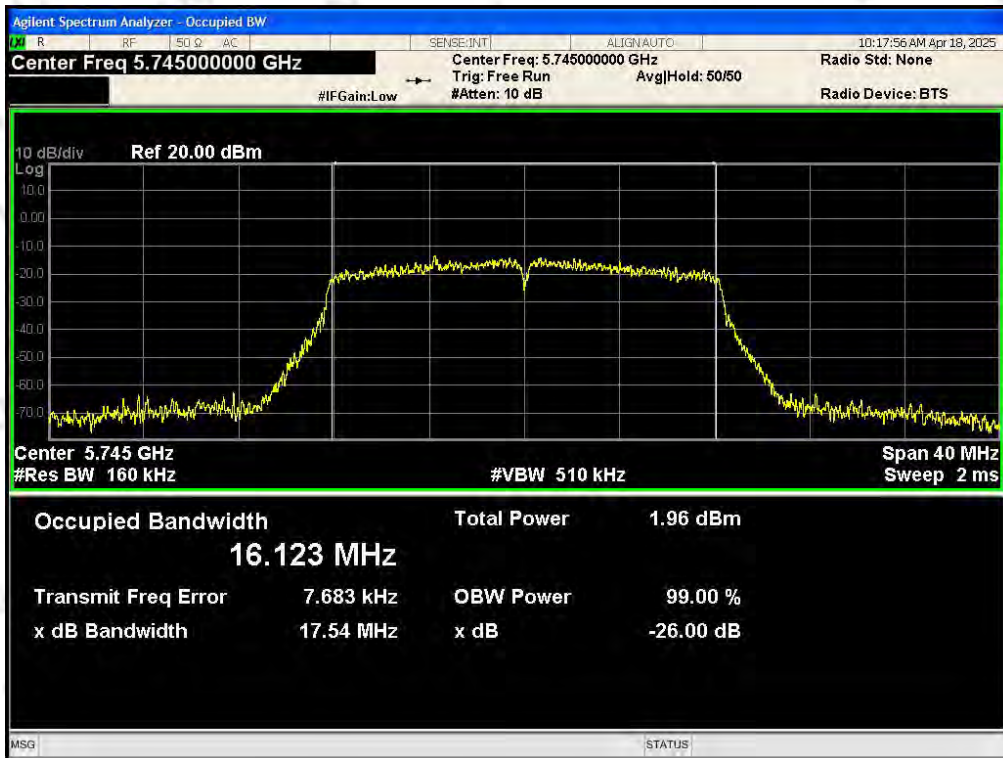
Condition	Mode	Frequency (MHz)	Antenna	99% OBW (MHz)	Verdict
NVNT	802.11a	5745	Ant 0	16.156	Pass
NVNT	802.11a	5745	Ant 1	16.123	Pass
NVNT	802.11a	5785	Ant 0	16.204	Pass
NVNT	802.11a	5785	Ant 1	16.177	Pass
NVNT	802.11a	5825	Ant 0	16.144	Pass
NVNT	802.11a	5825	Ant 1	16.157	Pass
NVNT	802.11ac20	5745	Ant 0	17.353	Pass
NVNT	802.11ac20	5745	Ant 1	17.278	Pass
NVNT	802.11ac20	5785	Ant 0	17.304	Pass
NVNT	802.11ac20	5785	Ant 1	17.351	Pass
NVNT	802.11ac20	5825	Ant 0	17.314	Pass
NVNT	802.11ac20	5825	Ant 1	17.354	Pass
NVNT	802.11ac40	5755	Ant 0	35.564	Pass
NVNT	802.11ac40	5755	Ant 1	35.669	Pass
NVNT	802.11ac40	5795	Ant 0	35.589	Pass
NVNT	802.11ac40	5795	Ant 1	35.527	Pass
NVNT	802.11ac80	5775	Ant 0	75.914	Pass
NVNT	802.11ac80	5775	Ant 1	75.019	Pass
NVNT	802.11ax20	5745	Ant 0	18.557	Pass
NVNT	802.11ax20	5745	Ant 1	18.545	Pass
NVNT	802.11ax20	5785	Ant 0	18.650	Pass
NVNT	802.11ax20	5785	Ant 1	18.606	Pass
NVNT	802.11ax20	5825	Ant 0	18.643	Pass
NVNT	802.11ax20	5825	Ant 1	18.560	Pass
NVNT	802.11ax40	5755	Ant 0	37.057	Pass
NVNT	802.11ax40	5755	Ant 1	37.148	Pass
NVNT	802.11ax40	5795	Ant 0	37.172	Pass
NVNT	802.11ax40	5795	Ant 1	37.102	Pass
NVNT	802.11ax80	5775	Ant 0	77.558	Pass
NVNT	802.11ax80	5775	Ant 1	76.710	Pass
NVNT	802.11n(HT20)	5745	Ant 0	17.256	Pass
NVNT	802.11n(HT20)	5745	Ant 1	17.329	Pass
NVNT	802.11n(HT20)	5785	Ant 0	17.286	Pass
NVNT	802.11n(HT20)	5785	Ant 1	17.308	Pass
NVNT	802.11n(HT20)	5825	Ant 0	17.302	Pass
NVNT	802.11n(HT20)	5825	Ant 1	17.262	Pass
NVNT	802.11n(HT40)	5755	Ant 0	35.544	Pass

NVNT	802.11n(HT40)	5755	Ant 1	35.526	Pass
NVNT	802.11n(HT40)	5795	Ant 0	35.529	Pass
NVNT	802.11n(HT40)	5795	Ant 1	35.553	Pass

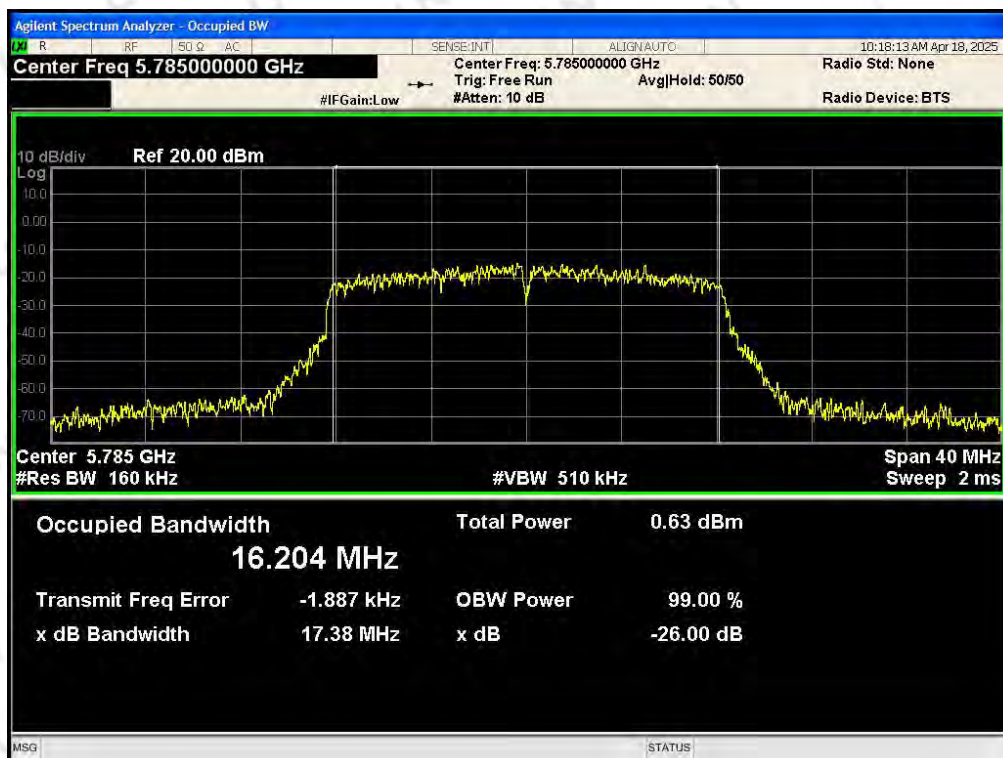
OBW NVNT 802.11a 5745MHz Ant0



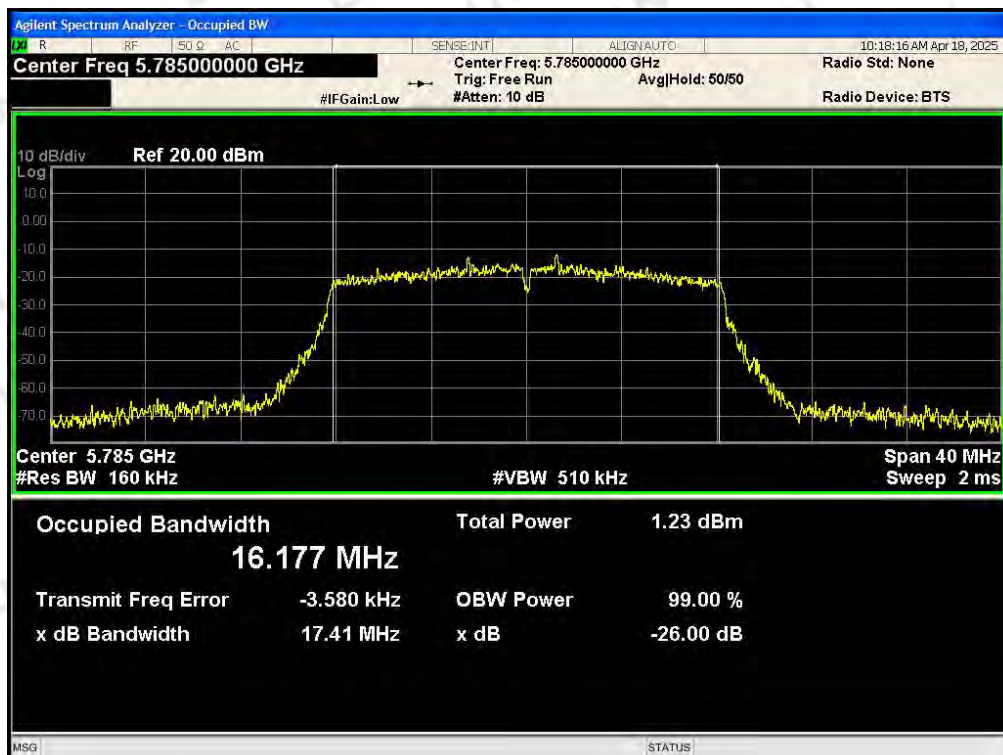
OBW NVNT 802.11a 5745MHz Ant1



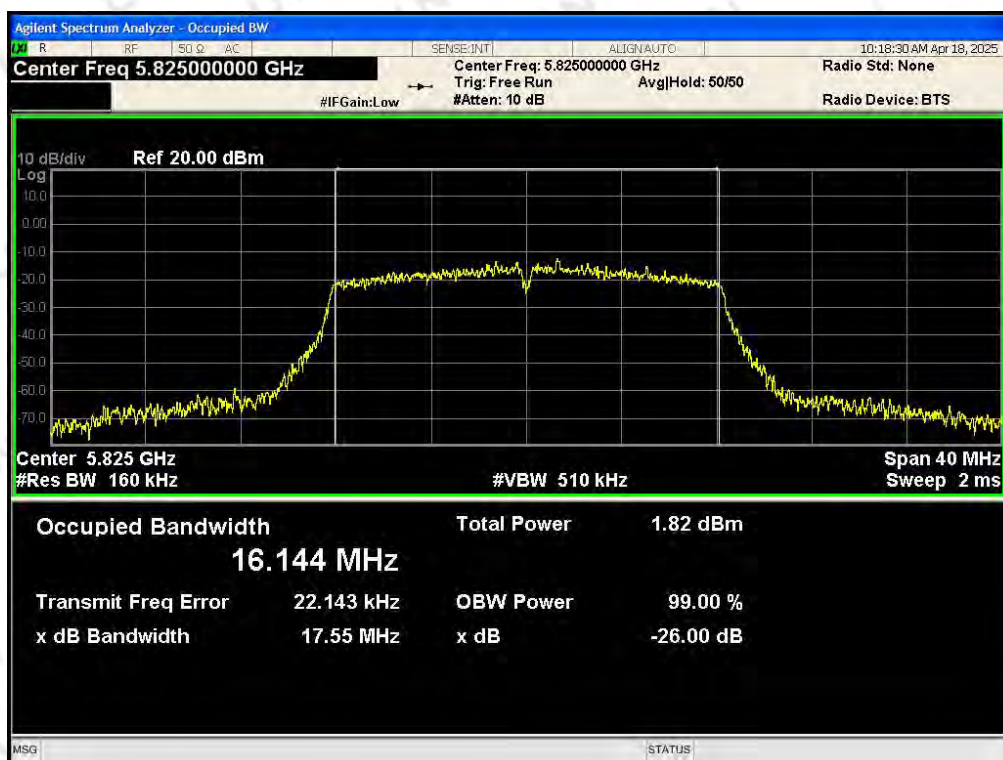
OBW NVNT 802.11a 5785MHz Ant0



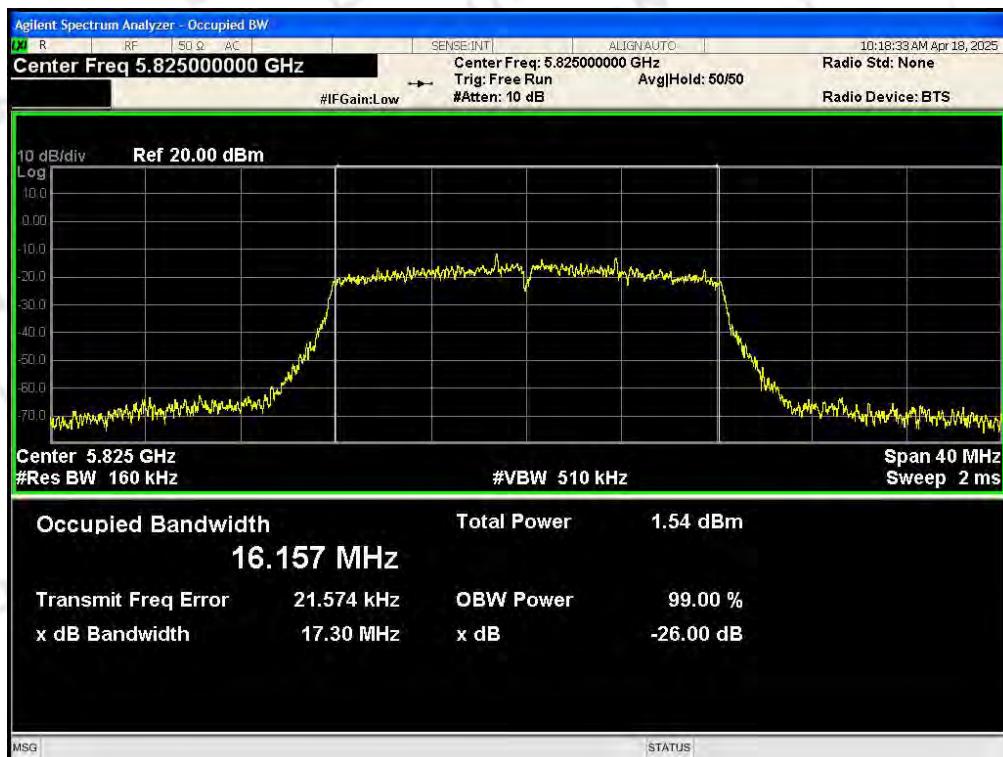
OBW NVNT 802.11a 5785MHz Ant1



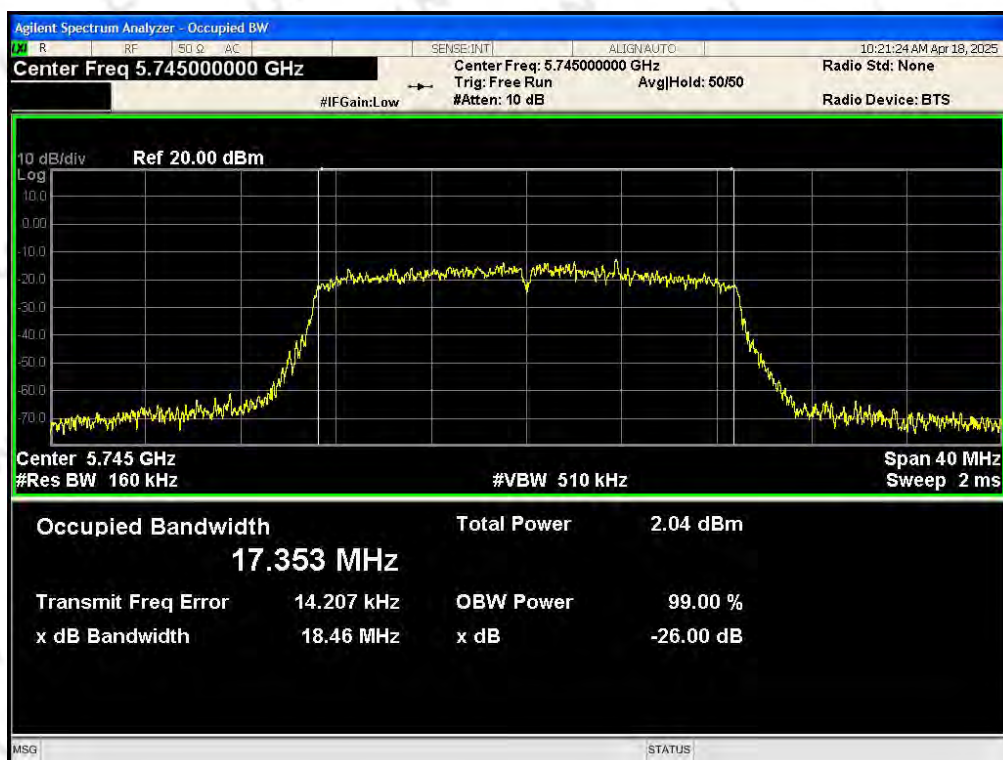
OBW NVNT 802.11a 5825MHz Ant0



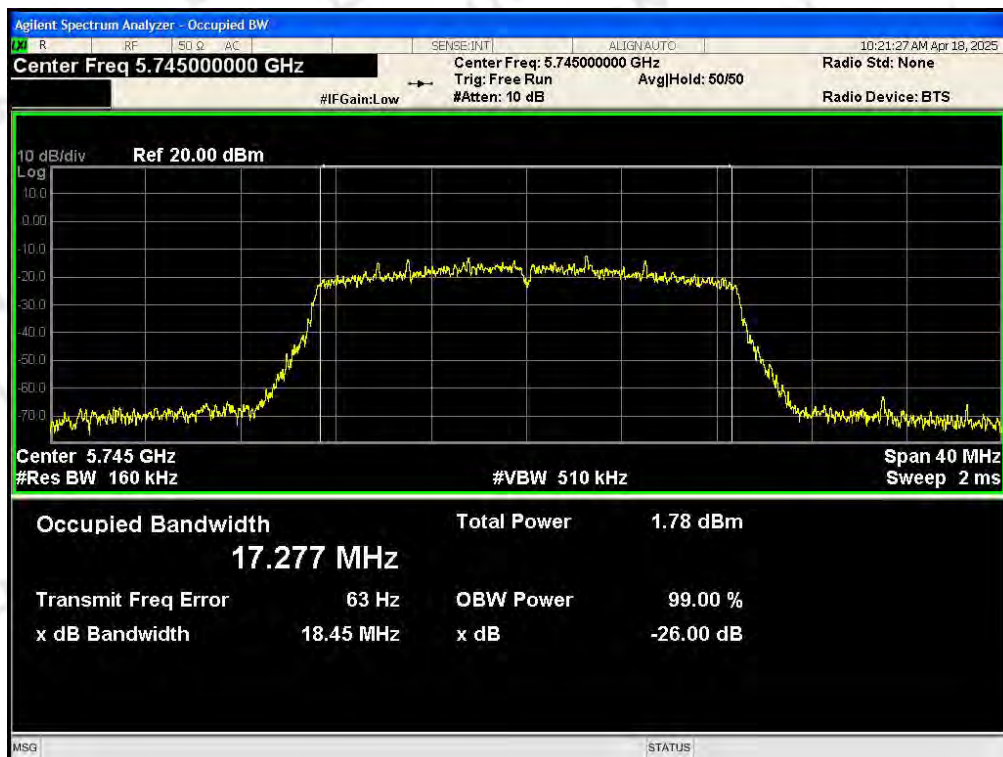
OBW NVNT 802.11a 5825MHz Ant1



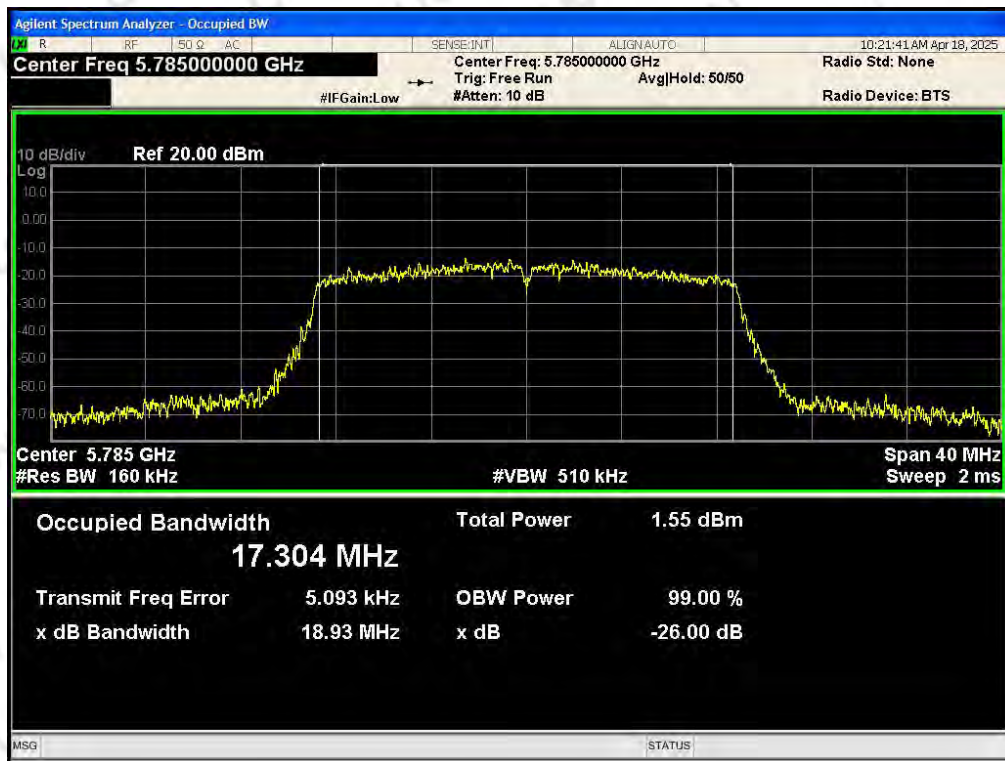
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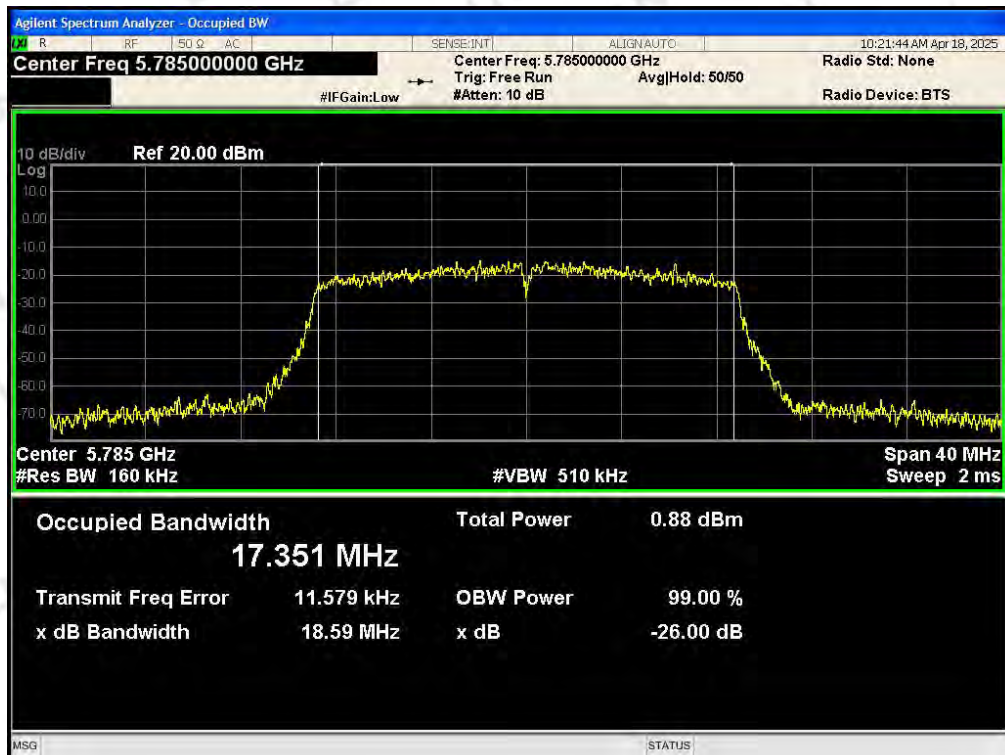
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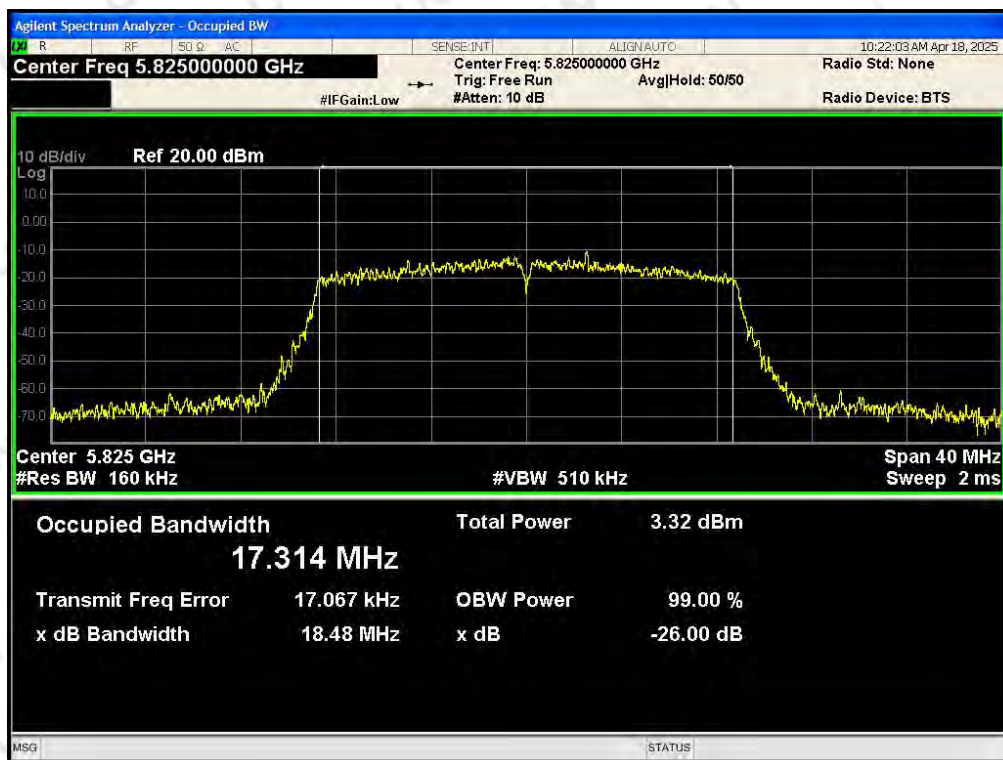
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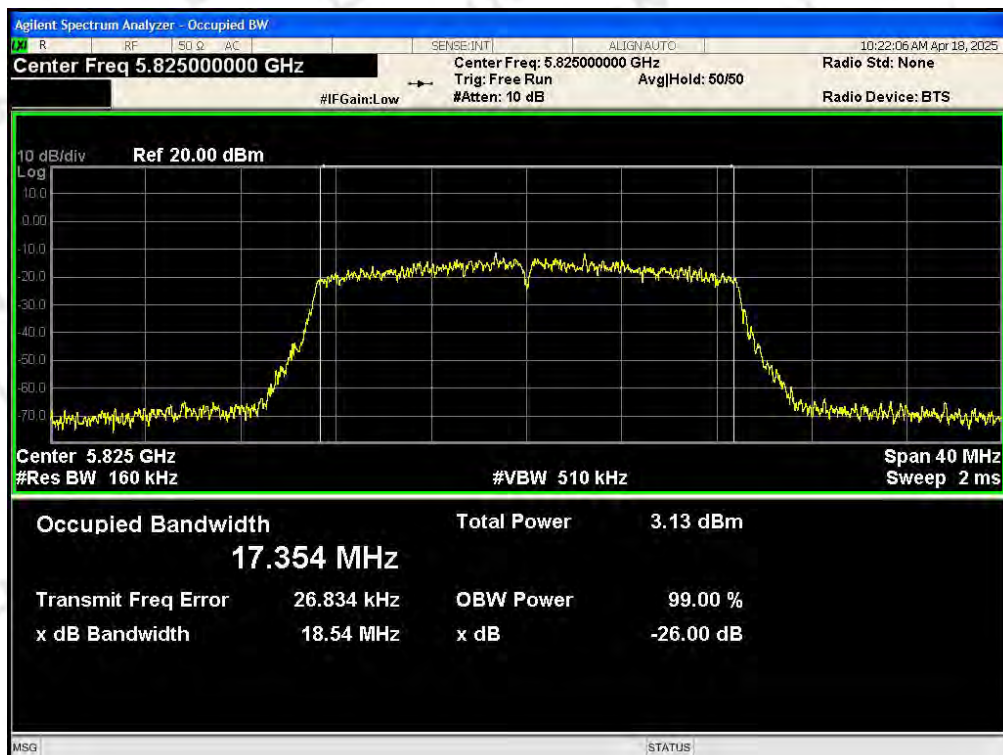
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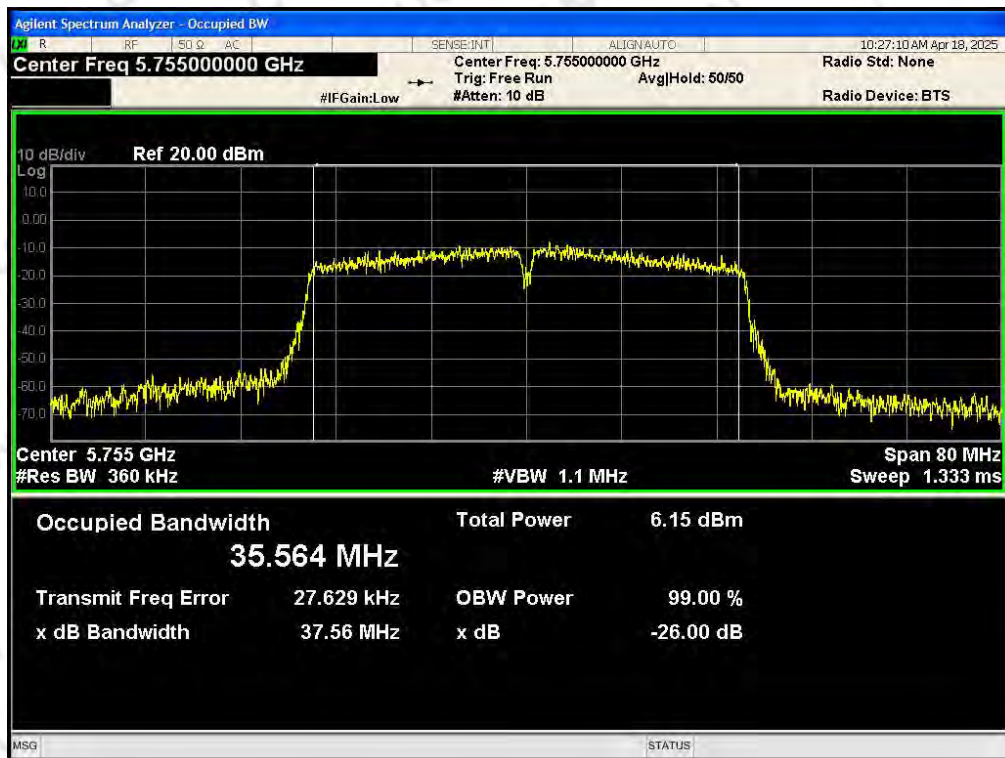
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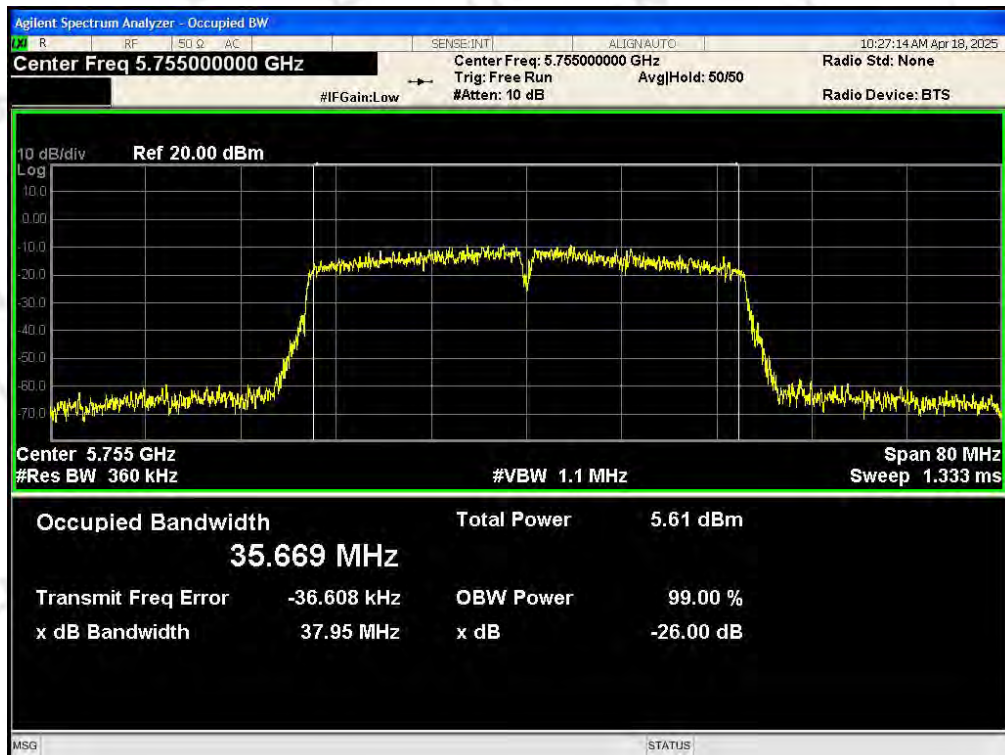
OBW NVNT 802.11ac20 5825MHz Ant1



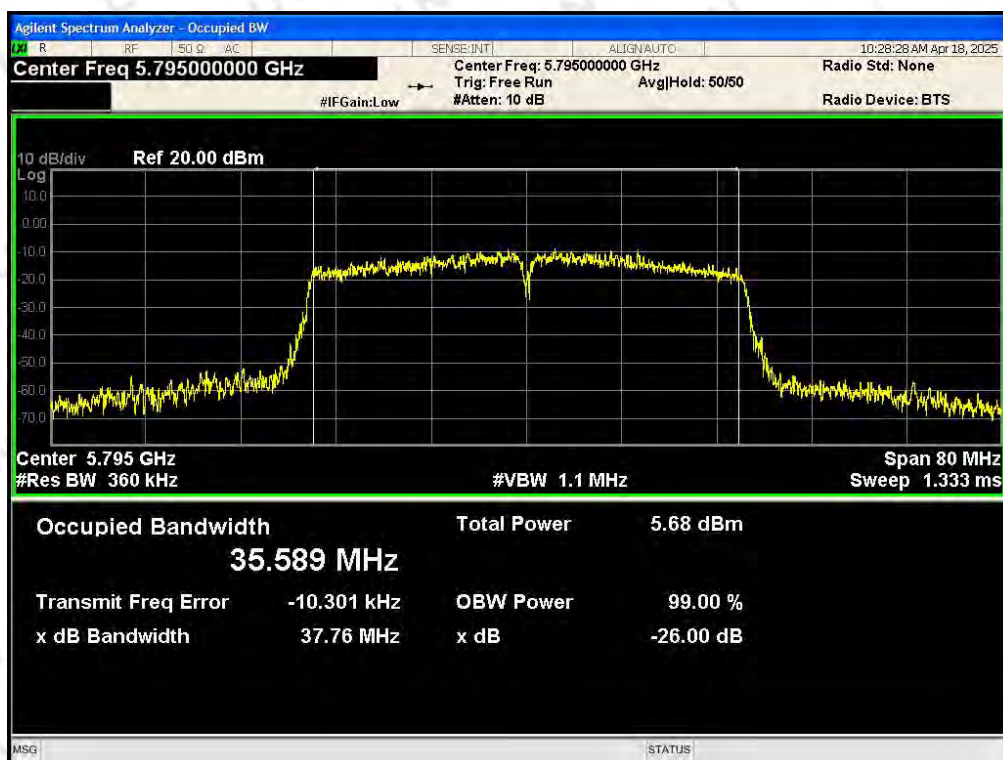
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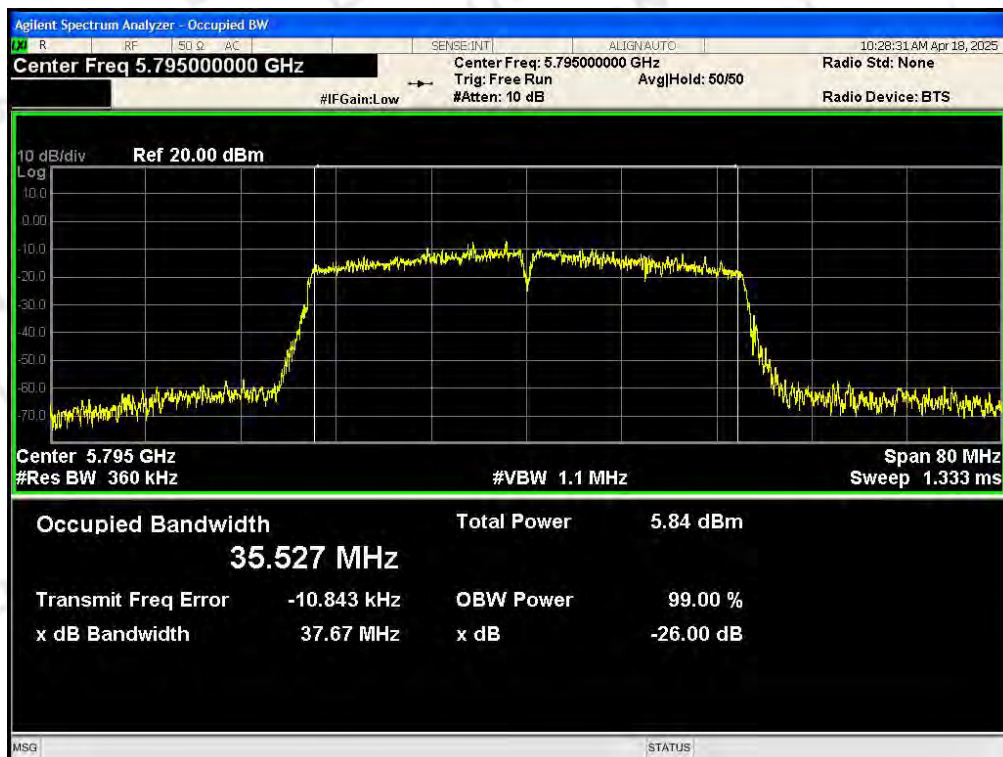
OBW NVNT 802.11ac40 5755MHz Ant1



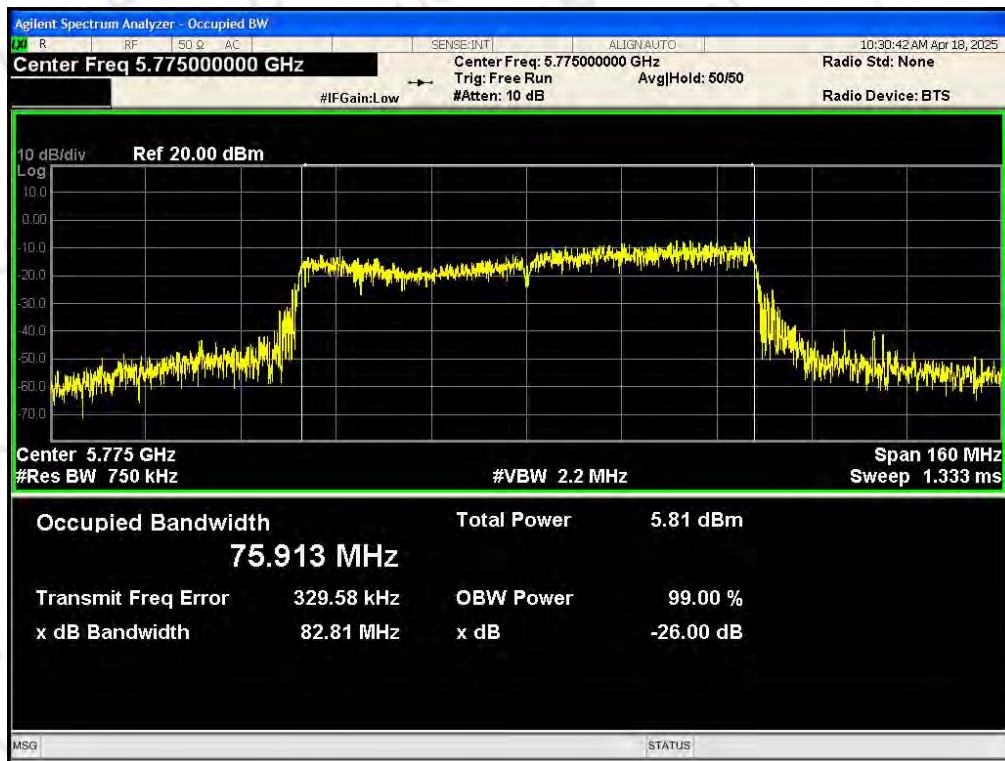
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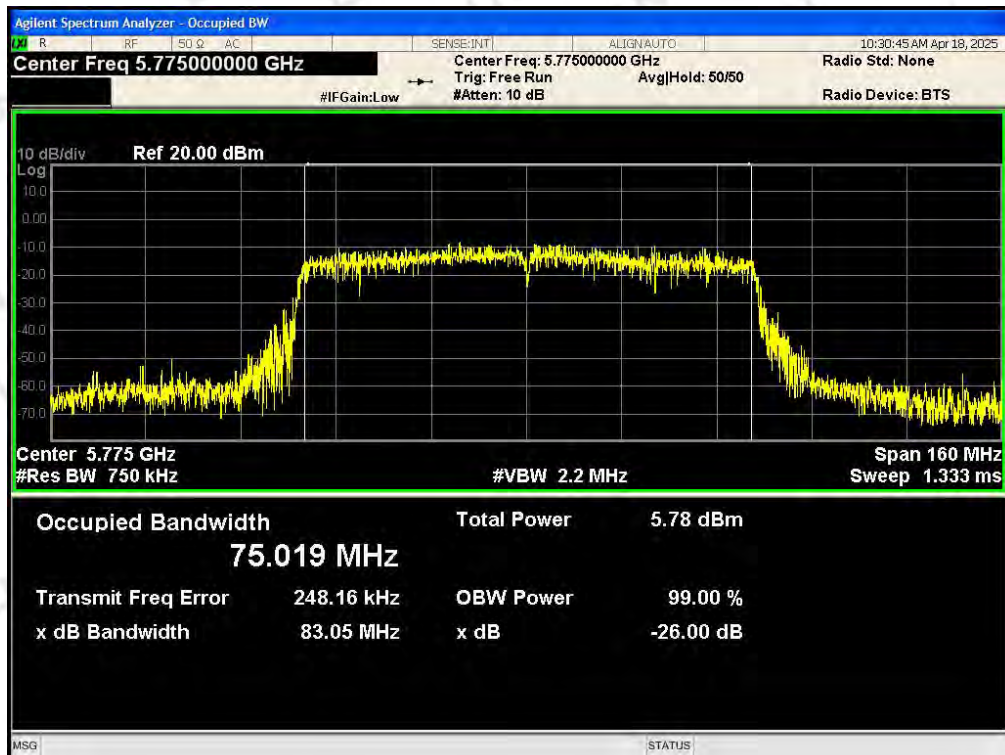
OBW NVNT 802.11ac40 5795MHz Ant1



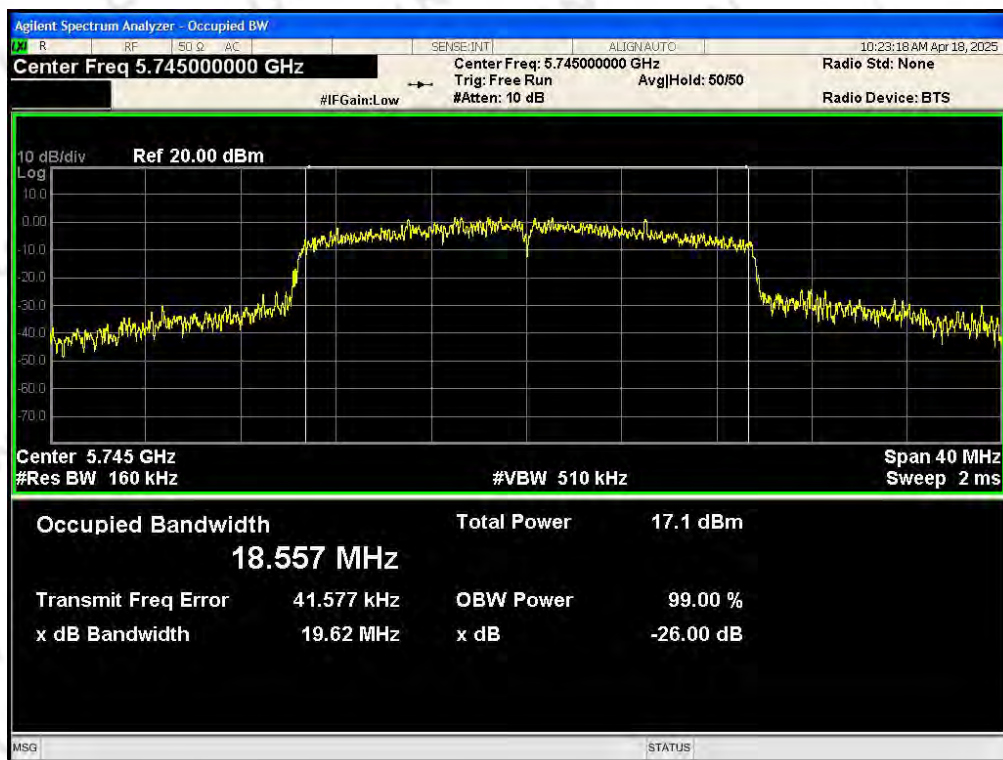
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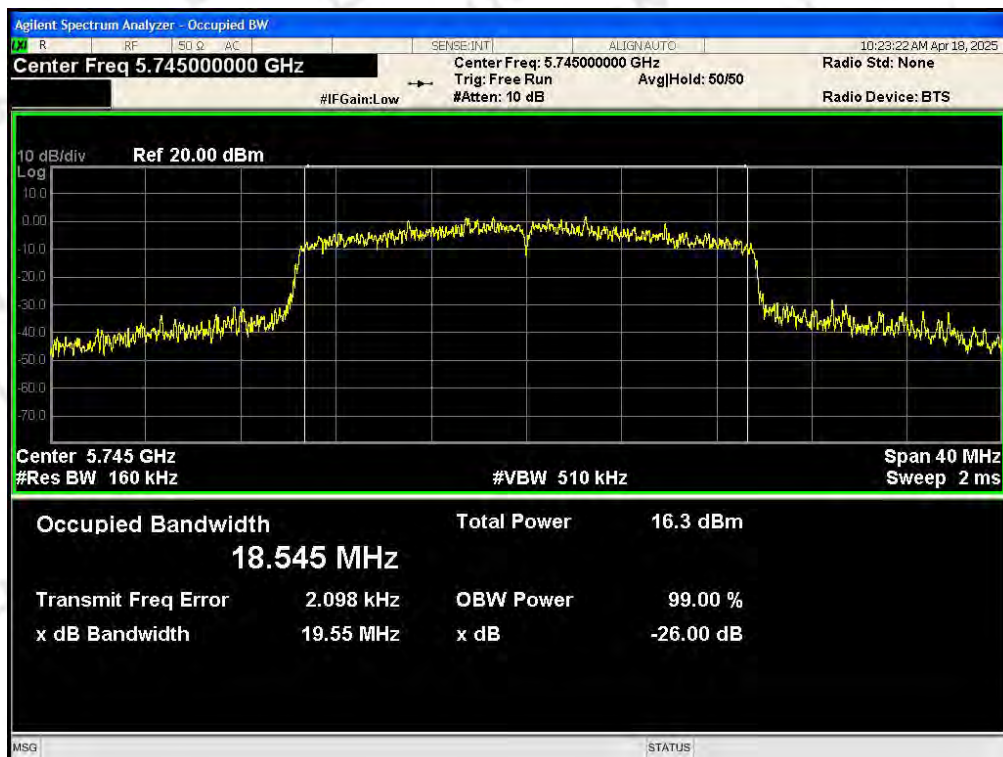
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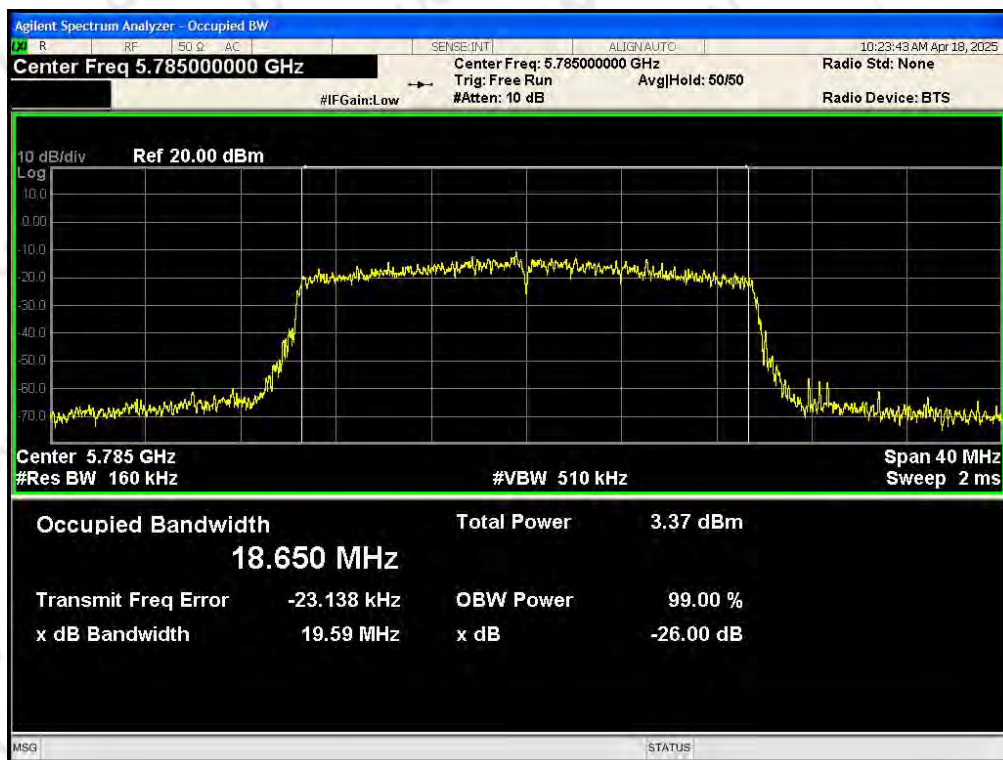
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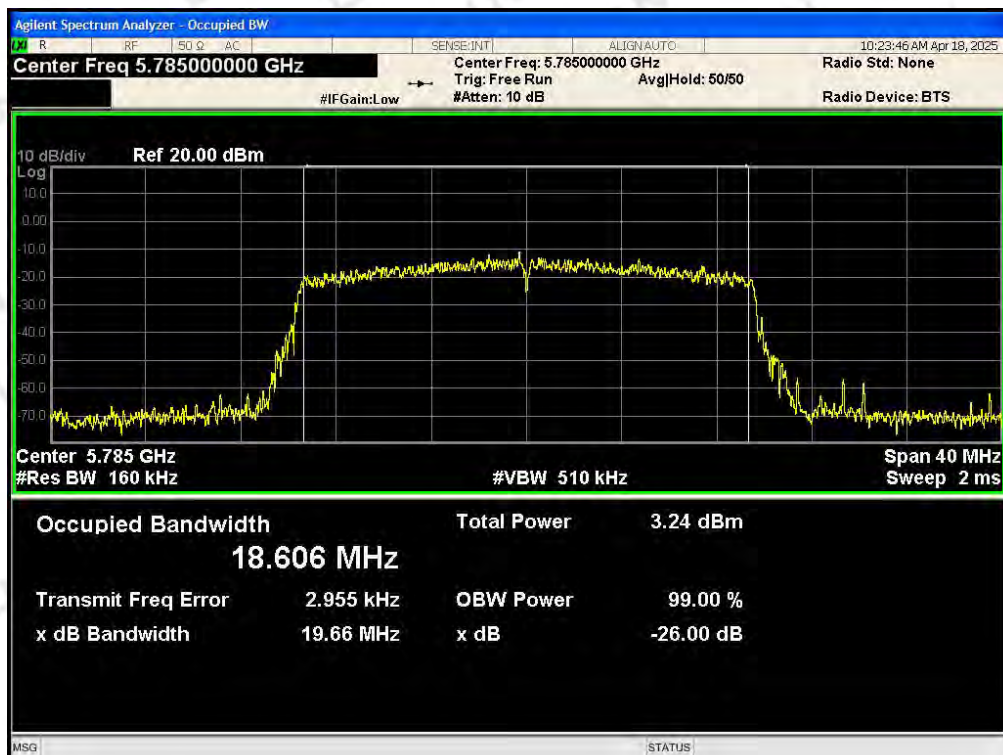
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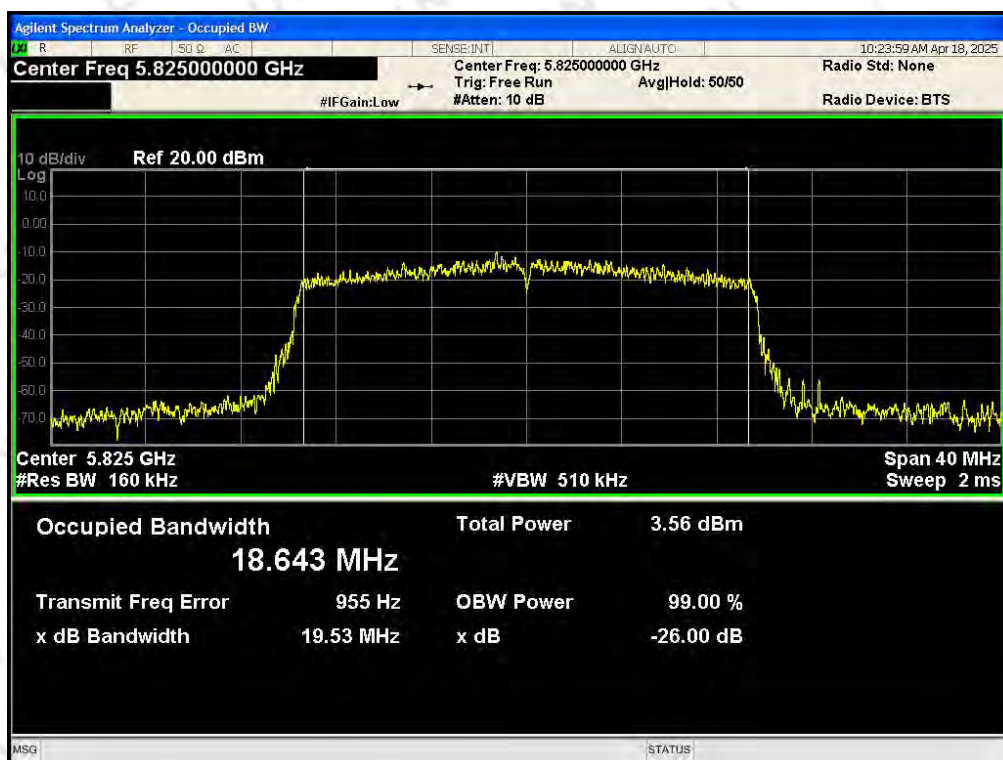
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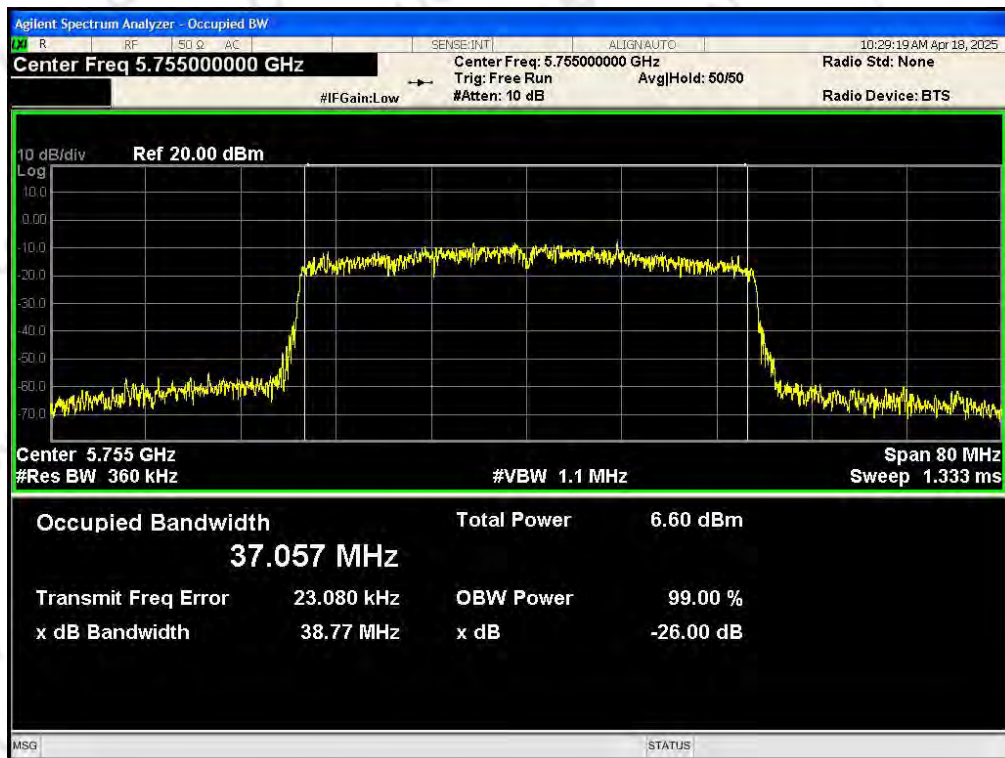
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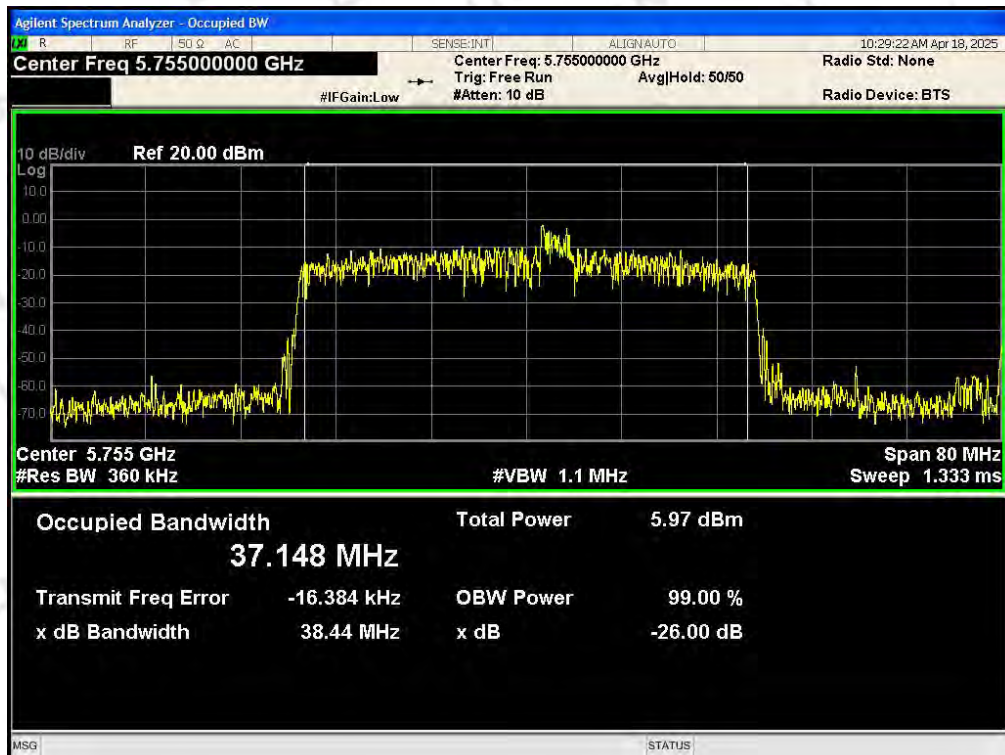
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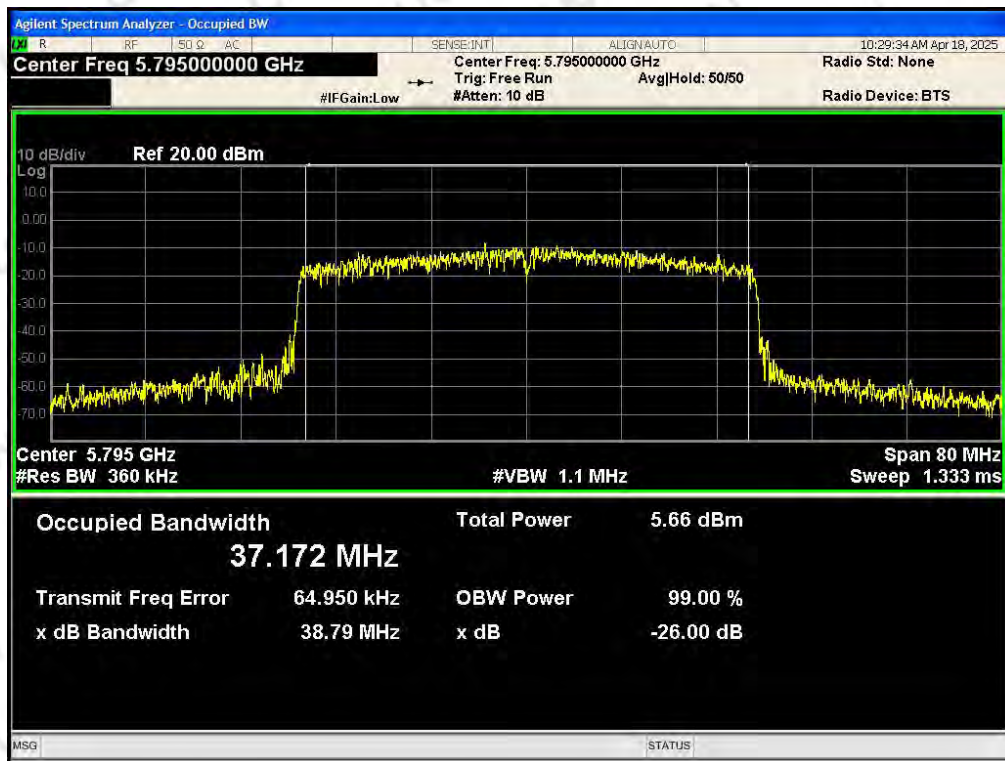
OBW NVNT 802.11ax40 5755MHz Ant0



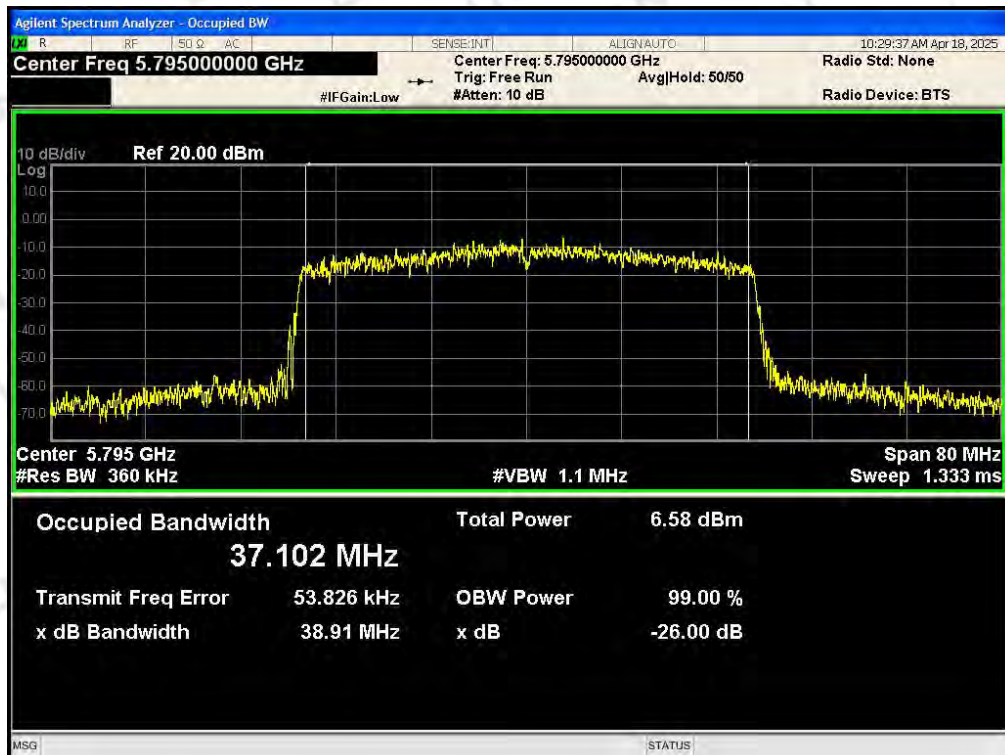
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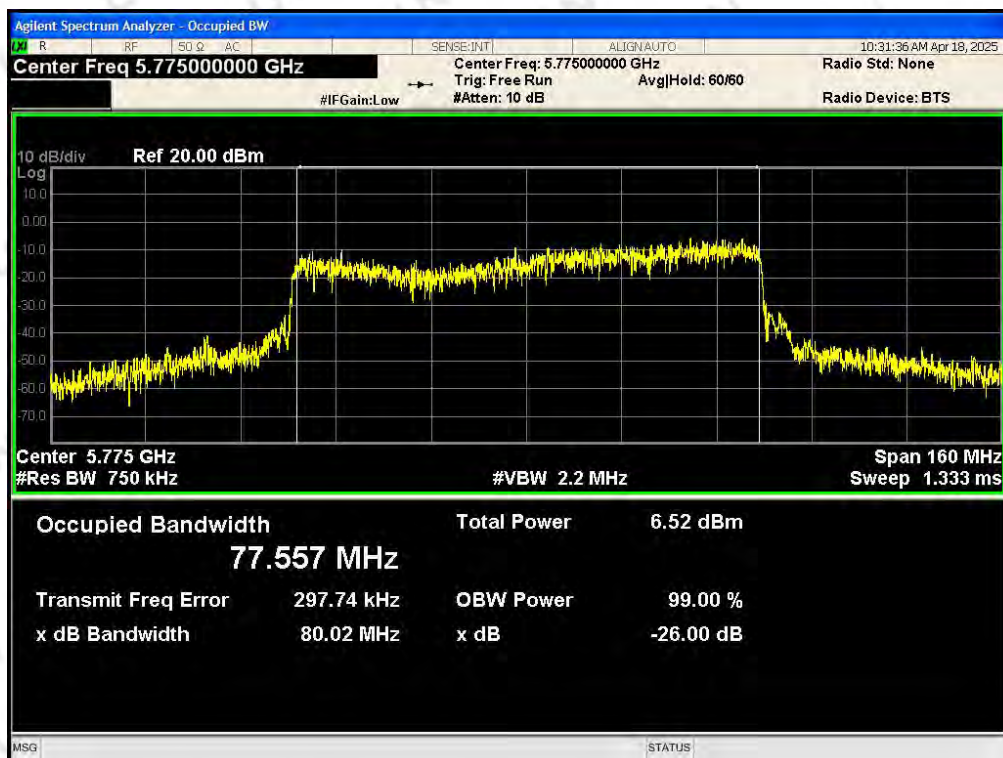
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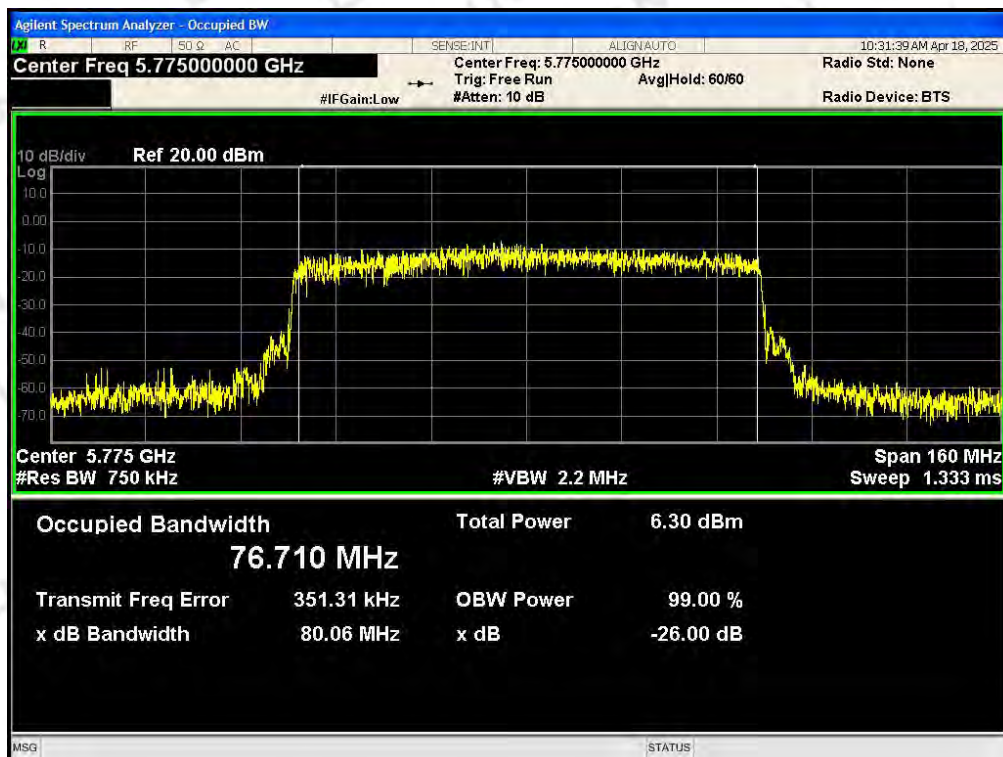
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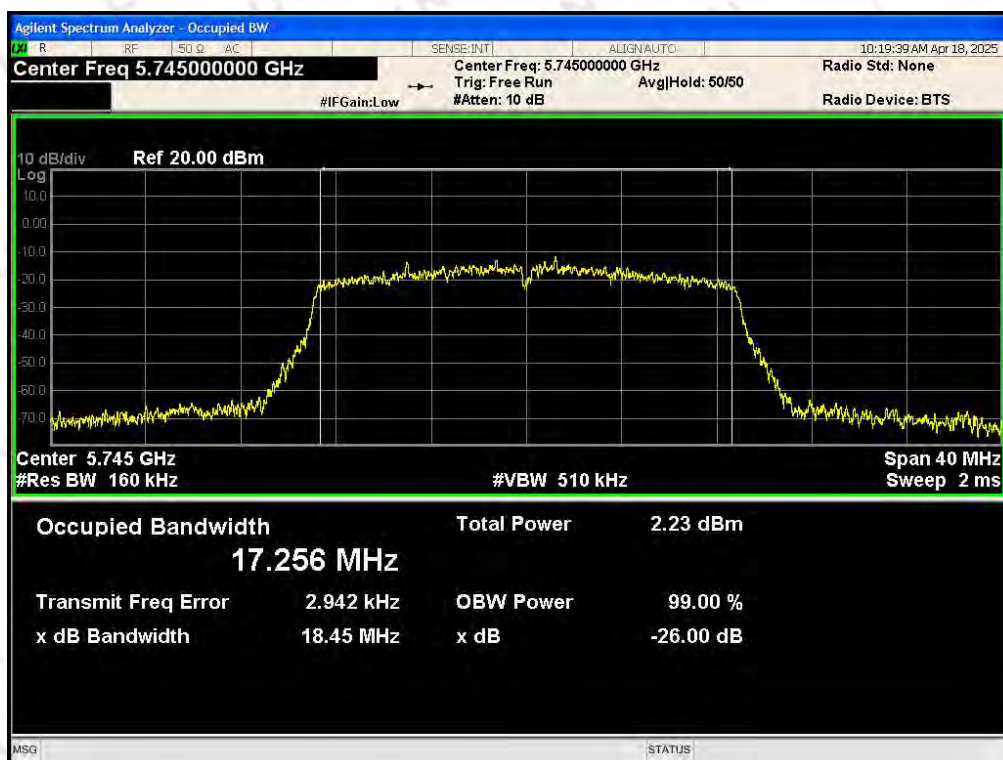
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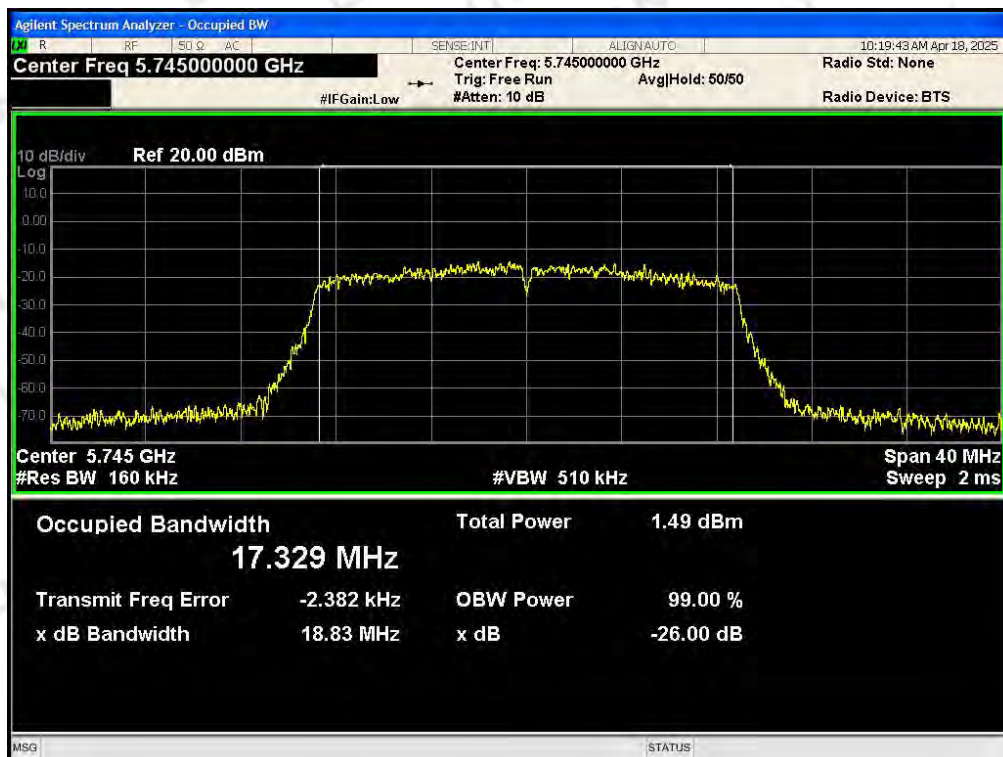
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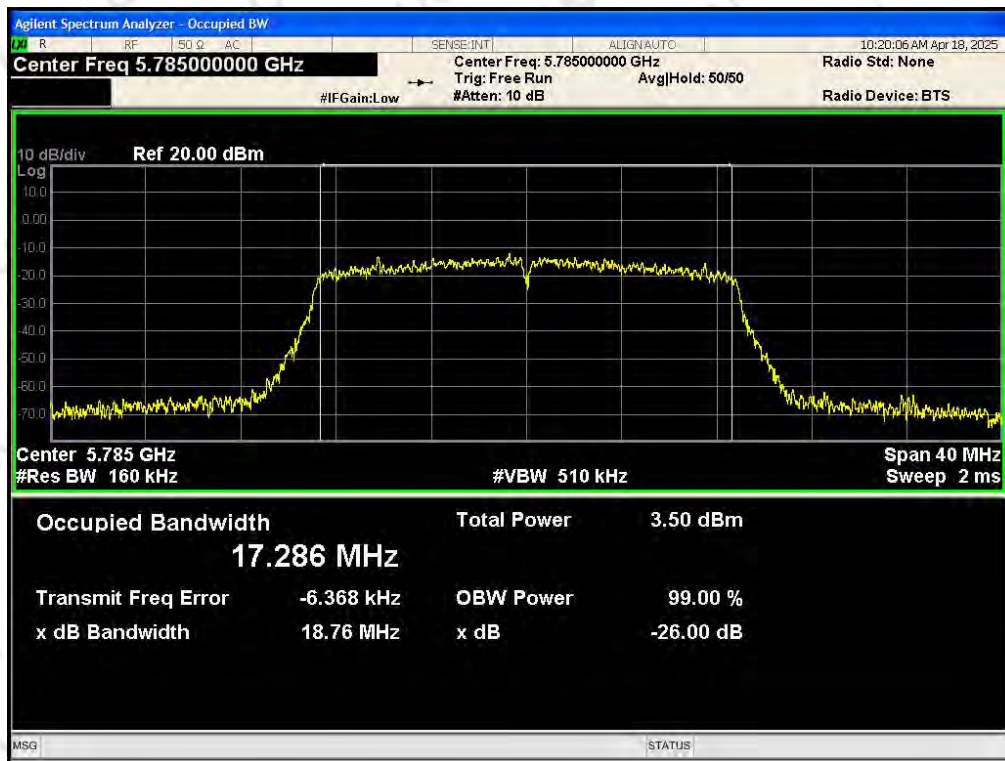
OBW NVNT 802.11n(HT20) 5745MHz Ant0



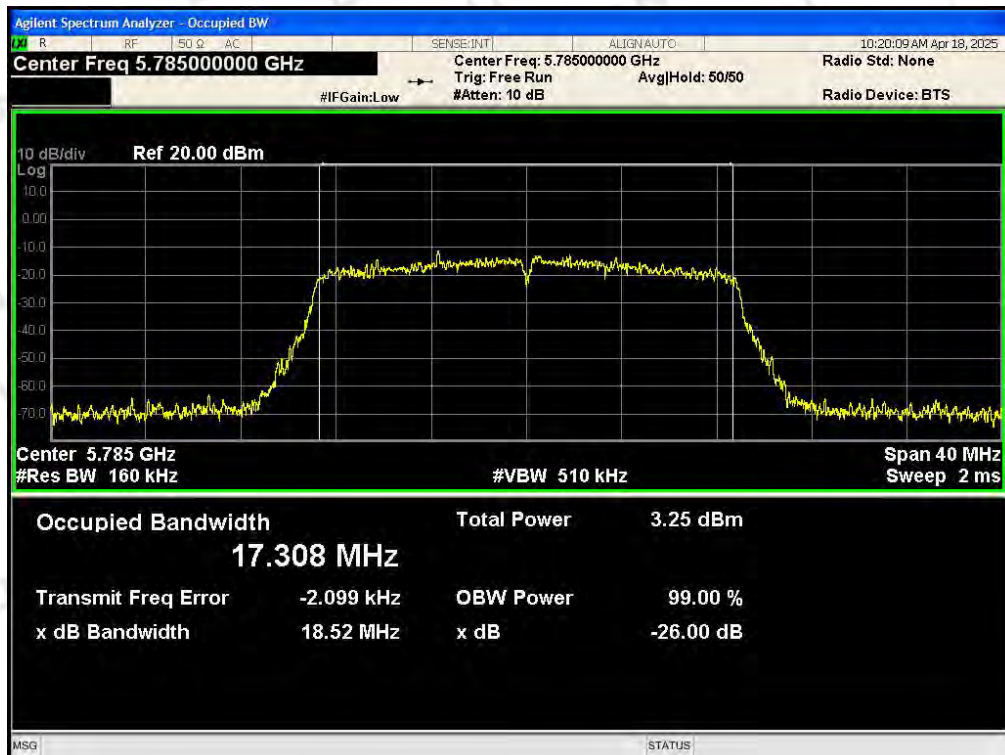
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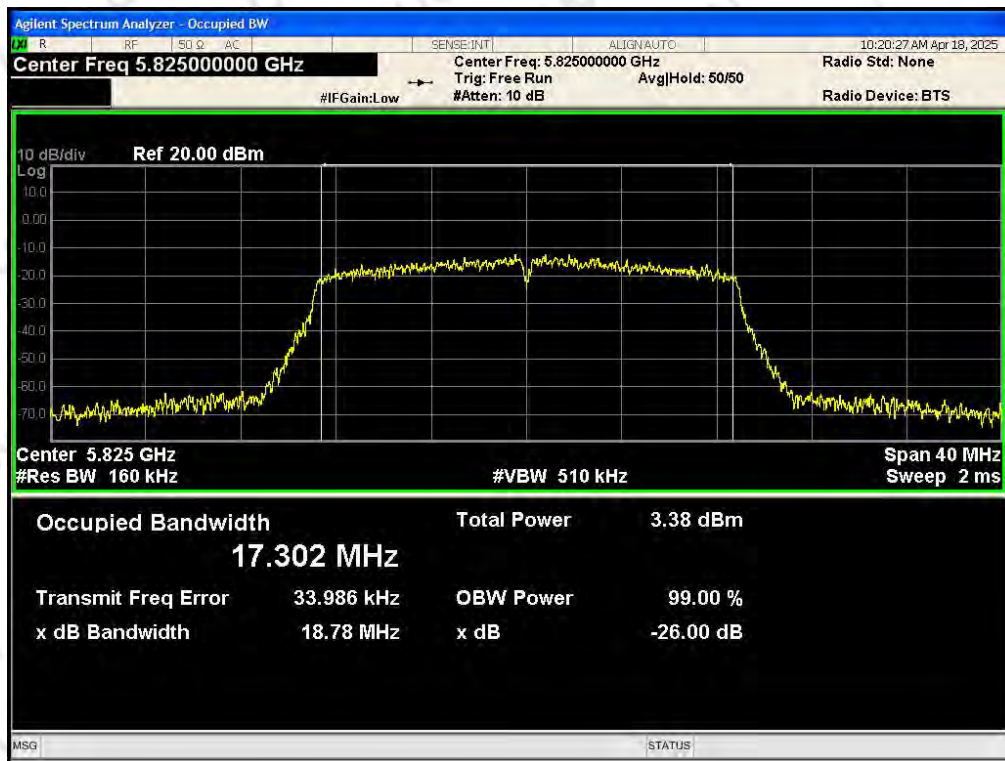
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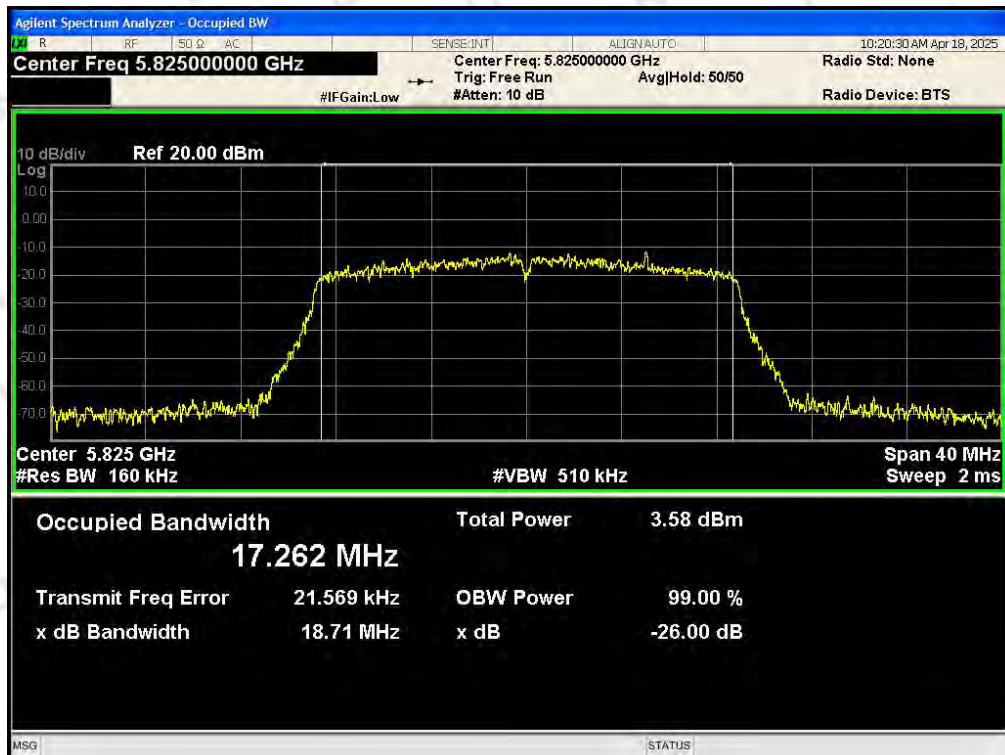
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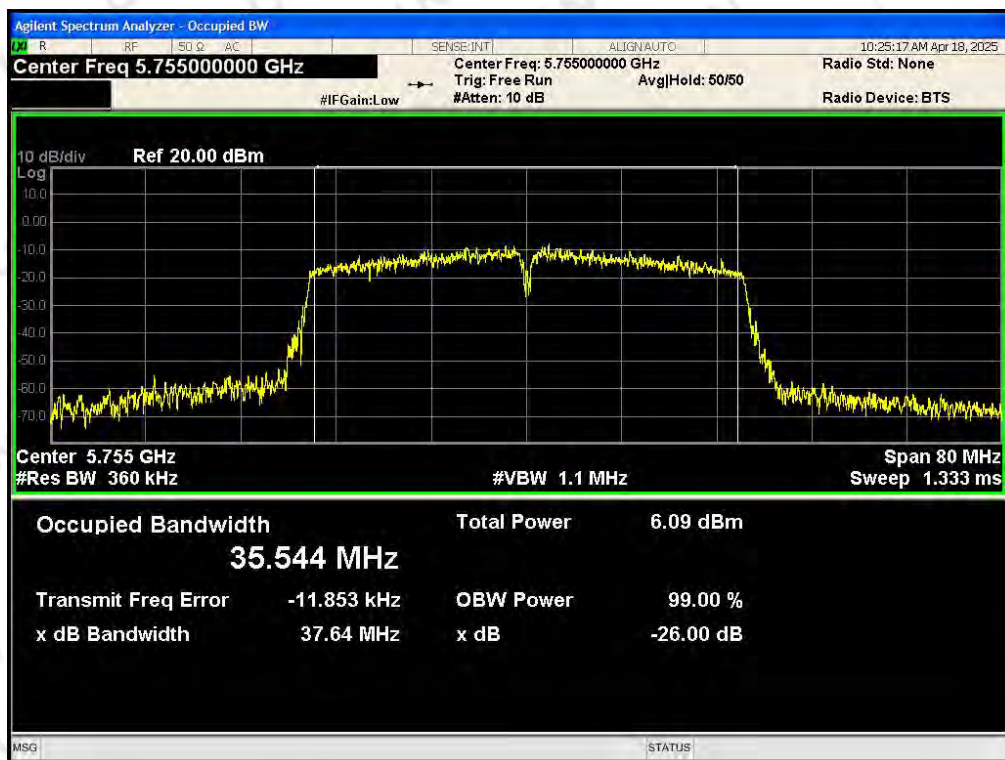
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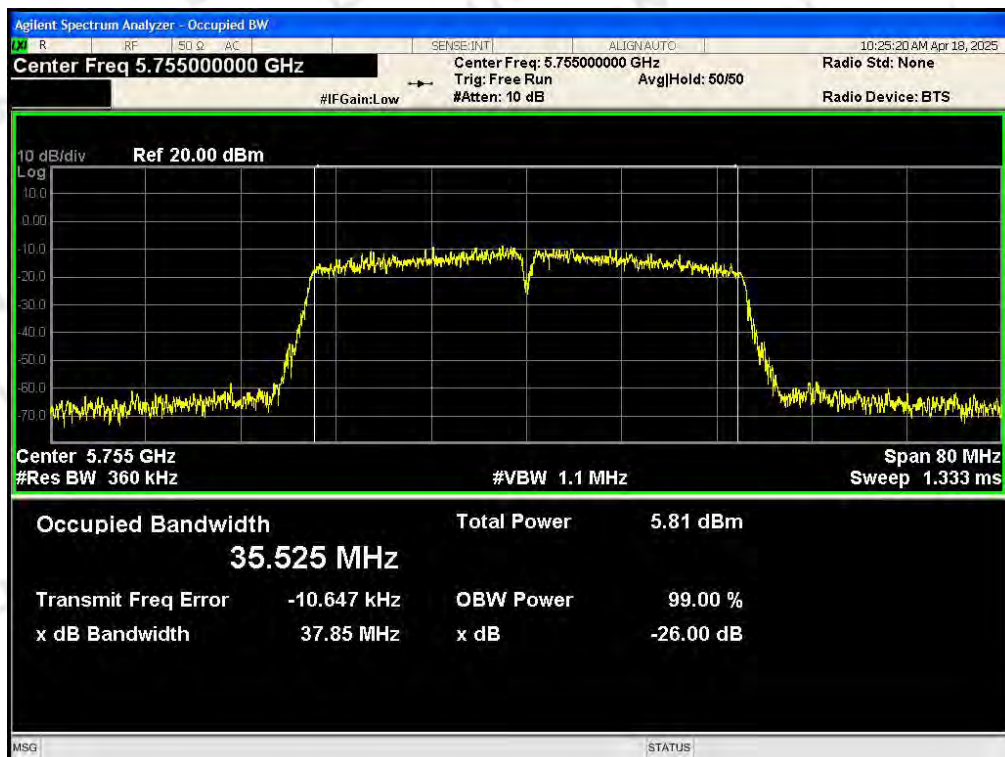
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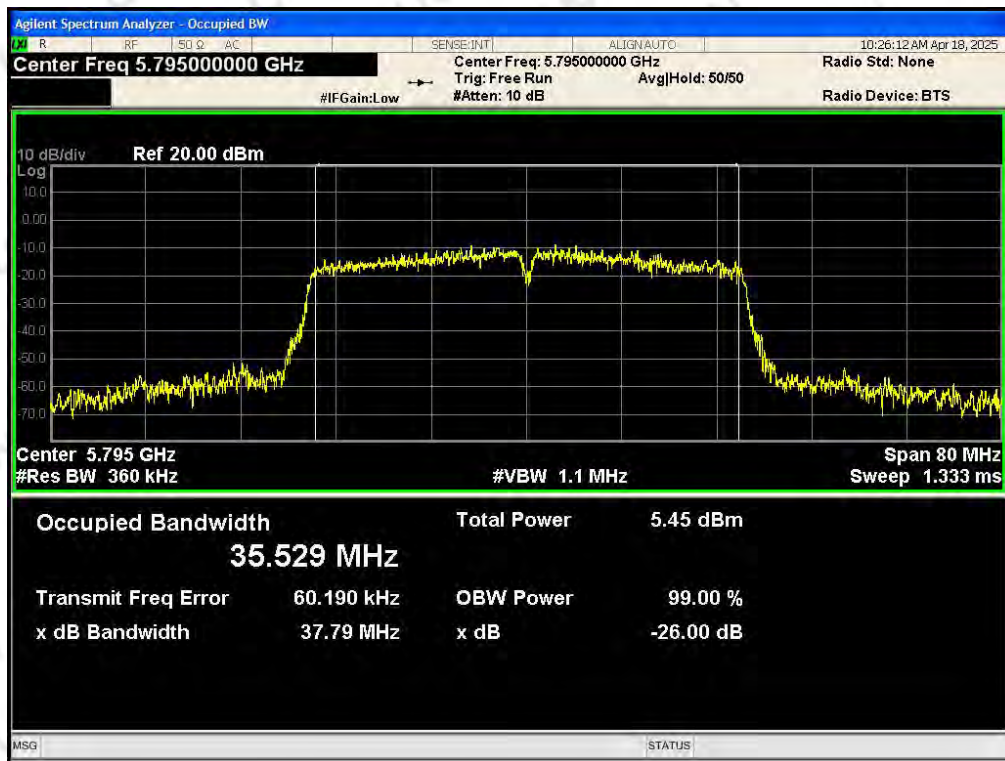
OBW NVNT 802.11n(HT40) 5755MHz Ant0



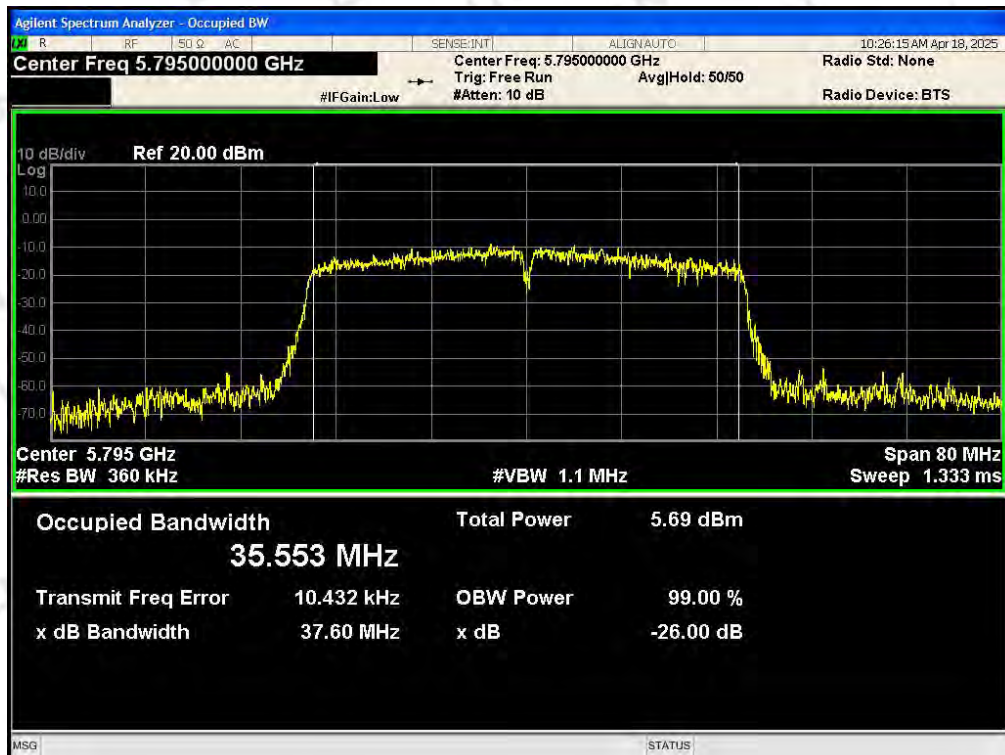
OBW NVNT 802.11n(HT40) 5755MHz Ant1



OBW NVNT 802.11n(HT40) 5795MHz Ant0



OBW NVNT 802.11n(HT40) 5795MHz Ant1



Maximum Power Spectral Density Level

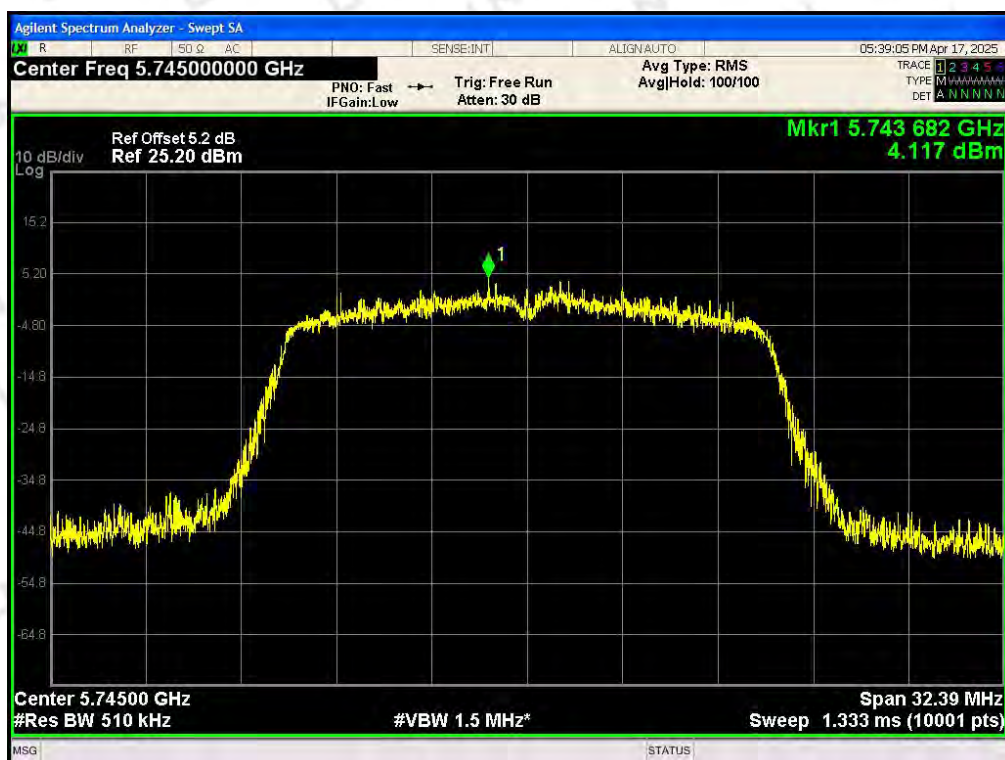
Condition	Mode	Frequency (MHz)	Antenna	Conducted PSD (dBm)	Duty Factor (dB)	Total PSD (dBm)	Limit (dBm)	Verdict
NVNT	802.11n(HT20)	5745	Ant 0	3.066	4.51	7.576	30	Pass
NVNT	802.11n(HT20)	5745	Ant 1	4.117	4.51	8.627	30	Pass
NVNT	802.11n(HT20)	5745	Total	6.634	4.51	11.144	30	Pass
NVNT	802.11n(HT20)	5785	Ant 0	2.275	4.56	6.835	30	Pass
NVNT	802.11n(HT20)	5785	Ant 1	3.717	4.56	8.277	30	Pass
NVNT	802.11n(HT20)	5785	Total	6.066	4.56	10.626	30	Pass
NVNT	802.11n(HT20)	5825	Ant 0	2.027	4.56	6.587	30	Pass
NVNT	802.11n(HT20)	5825	Ant 1	4.222	4.56	8.782	30	Pass
NVNT	802.11n(HT20)	5825	Total	6.272	4.56	10.832	30	Pass
NVNT	802.11ac20	5745	Ant 0	2.872	5.05	7.922	30	Pass
NVNT	802.11ac20	5745	Ant 1	3.328	5.05	8.378	30	Pass
NVNT	802.11ac20	5745	Total	6.116	5.05	11.166	30	Pass
NVNT	802.11ac20	5785	Ant 0	2.684	5.01	7.694	30	Pass
NVNT	802.11ac20	5785	Ant 1	1.472	5.01	6.482	30	Pass
NVNT	802.11ac20	5785	Total	5.13	5.01	10.14	30	Pass
NVNT	802.11ac20	5825	Ant 0	2.163	4.99	7.153	30	Pass
NVNT	802.11ac20	5825	Ant 1	2.739	4.99	7.729	30	Pass
NVNT	802.11ac20	5825	Total	5.471	4.99	10.461	30	Pass
NVNT	802.11n(HT40)	5755	Ant 0	0.816	7.32	8.136	30	Pass
NVNT	802.11n(HT40)	5755	Ant 1	1.097	7.32	8.417	30	Pass
NVNT	802.11n(HT40)	5755	Total	3.969	7.32	11.289	30	Pass
NVNT	802.11n(HT40)	5795	Ant 0	6.377	7.21	13.587	30	Pass
NVNT	802.11n(HT40)	5795	Ant 1	6.289	7.21	13.499	30	Pass
NVNT	802.11n(HT40)	5795	Total	9.344	7.21	16.554	30	Pass
NVNT	802.11ac80	5775	Ant 0	-1.467	9.91	8.443	30	Pass
NVNT	802.11ac80	5775	Ant 1	-1.193	9.91	8.717	30	Pass
NVNT	802.11ac80	5775	Total	1.682	9.91	11.592	30	Pass
NVNT	802.11a	5745	Ant 0	4.117	5.48	9.597	30	Pass
NVNT	802.11a	5745	Ant 1	3.715	5.48	9.195	30	Pass
NVNT	802.11a	5745	Total	6.931	5.48	12.411	30	Pass
NVNT	802.11a	5785	Ant 0	3.796	5.48	9.276	30	Pass
NVNT	802.11a	5785	Ant 1	2.968	5.48	8.448	30	Pass
NVNT	802.11a	5785	Total	6.412	5.48	11.892	30	Pass
NVNT	802.11a	5825	Ant 0	3.237	5.48	8.717	30	Pass
NVNT	802.11a	5825	Ant 1	3.316	5.48	8.796	30	Pass

NVNT	802.11a	5825	Total	6.287	5.48	11.767	30	Pass
NVNT	802.11ax40	5755	Ant 0	2.873	7.72	10.593	30	Pass
NVNT	802.11ax40	5755	Ant 1	1.998	7.72	9.718	30	Pass
NVNT	802.11ax40	5755	Total	5.468	7.72	13.188	30	Pass
NVNT	802.11ax40	5795	Ant 0	2.351	7.61	9.961	30	Pass
NVNT	802.11ax40	5795	Ant 1	2.617	7.61	10.227	30	Pass
NVNT	802.11ax40	5795	Total	5.496	7.61	13.106	30	Pass
NVNT	802.11ax80	5775	Ant 0	-0.387	10.12	9.733	30	Pass
NVNT	802.11ax80	5775	Ant 1	-0.358	10.12	9.762	30	Pass
NVNT	802.11ax80	5775	Total	2.638	10.12	12.758	30	Pass
NVNT	802.11ax20	5745	Ant 0	3.528	5.05	8.578	30	Pass
NVNT	802.11ax20	5745	Ant 1	2.585	5.05	7.635	30	Pass
NVNT	802.11ax20	5745	Total	6.092	5.05	11.142	30	Pass
NVNT	802.11ax20	5785	Ant 0	3.188	5.05	8.238	30	Pass
NVNT	802.11ax20	5785	Ant 1	2.749	5.05	7.799	30	Pass
NVNT	802.11ax20	5785	Total	5.984	5.05	11.034	30	Pass
NVNT	802.11ax20	5825	Ant 0	3.51	5.05	8.56	30	Pass
NVNT	802.11ax20	5825	Ant 1	2.854	5.05	7.904	30	Pass
NVNT	802.11ax20	5825	Total	6.205	5.05	11.255	30	Pass
NVNT	802.11ac40	5755	Ant 0	1.874	7.21	9.084	30	Pass
NVNT	802.11ac40	5755	Ant 1	1.919	7.21	9.129	30	Pass
NVNT	802.11ac40	5755	Total	4.907	7.21	12.117	30	Pass
NVNT	802.11ac40	5795	Ant 0	1.54	7.32	8.86	30	Pass
NVNT	802.11ac40	5795	Ant 1	0.863	7.32	8.183	30	Pass
NVNT	802.11ac40	5795	Total	4.225	7.32	11.545	30	Pass

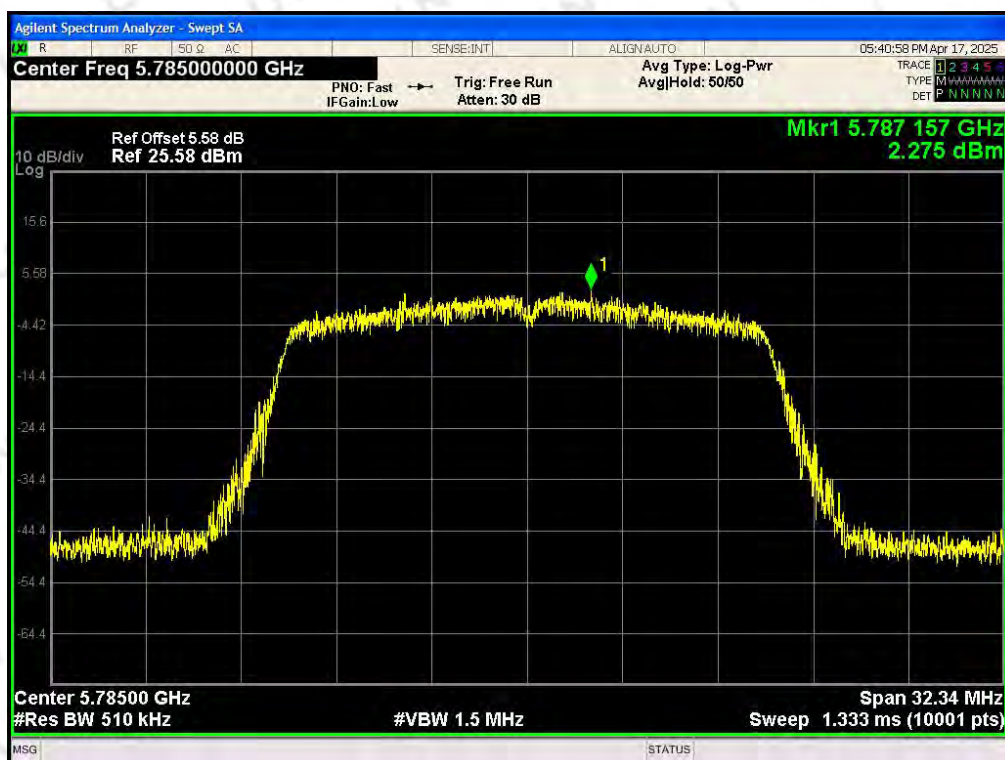
PSD NVNT 802.11n(HT20) 5745MHz Ant0



PSD NVNT 802.11n(HT20) 5745MHz Ant1



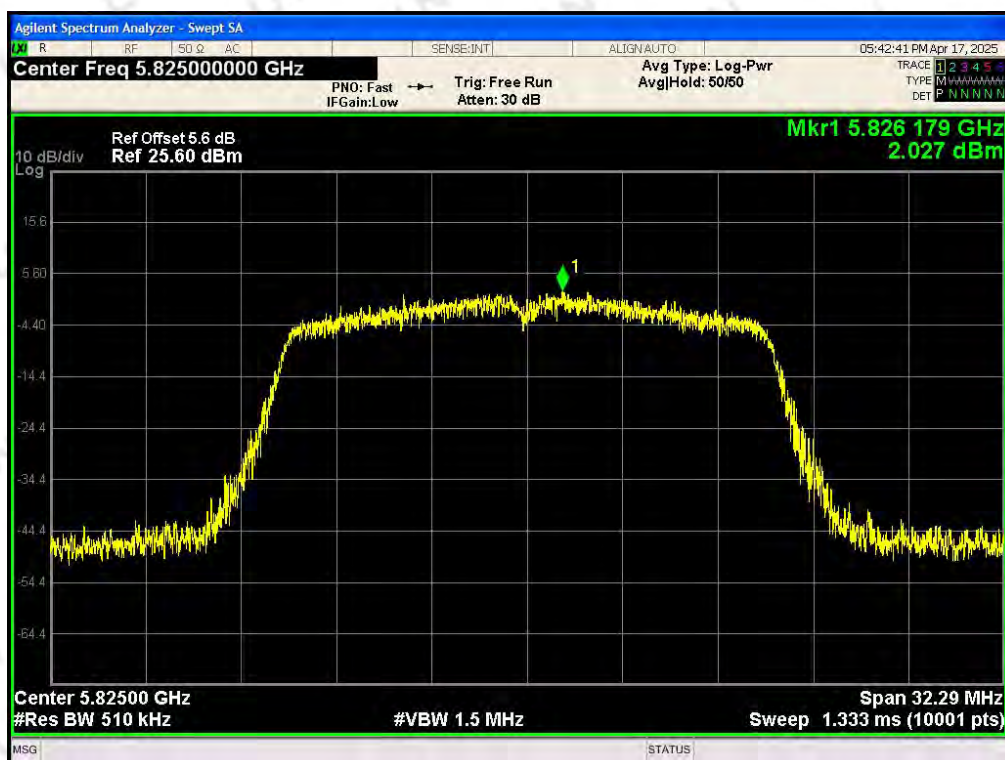
PSD NVNT 802.11n(HT20) 5785MHz Ant0



PSD NVNT 802.11n(HT20) 5785MHz Ant1



PSD NVNT 802.11n(HT20) 5825MHz Ant0



PSD NVNT 802.11n(HT20) 5825MHz Ant1



PSD NVNT 802.11ac20 5745MHz Ant0



PSD NVNT 802.11ac20 5745MHz Ant1



PSD NVNT 802.11ac20 5785MHz Ant0



PSD NVNT 802.11ac20 5785MHz Ant1



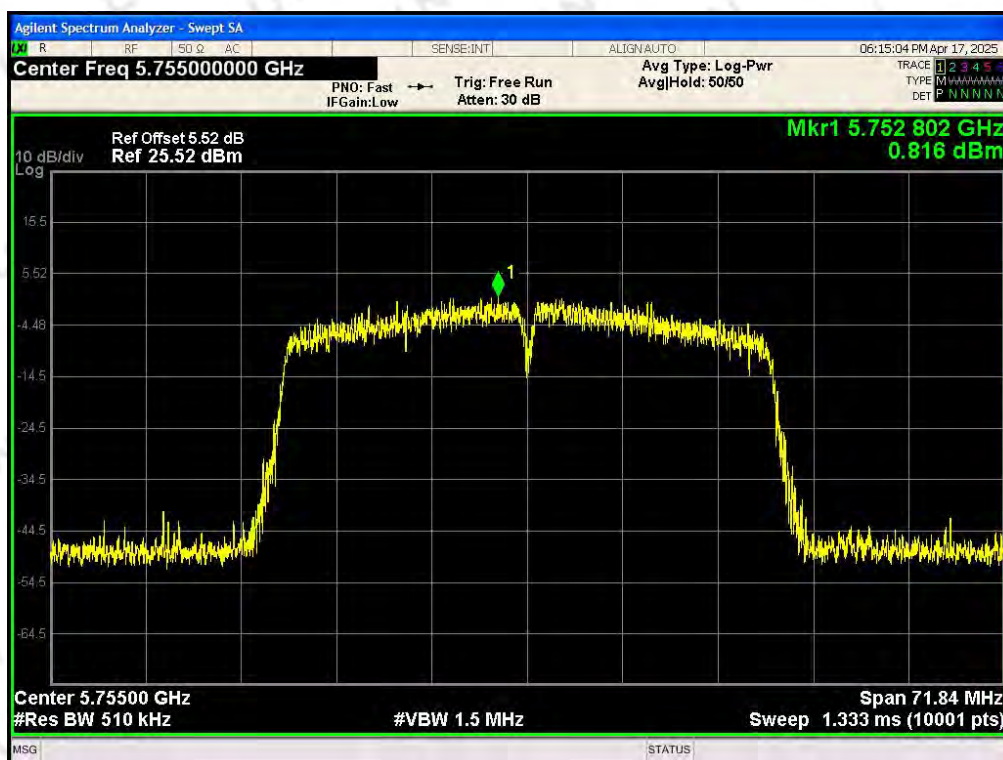
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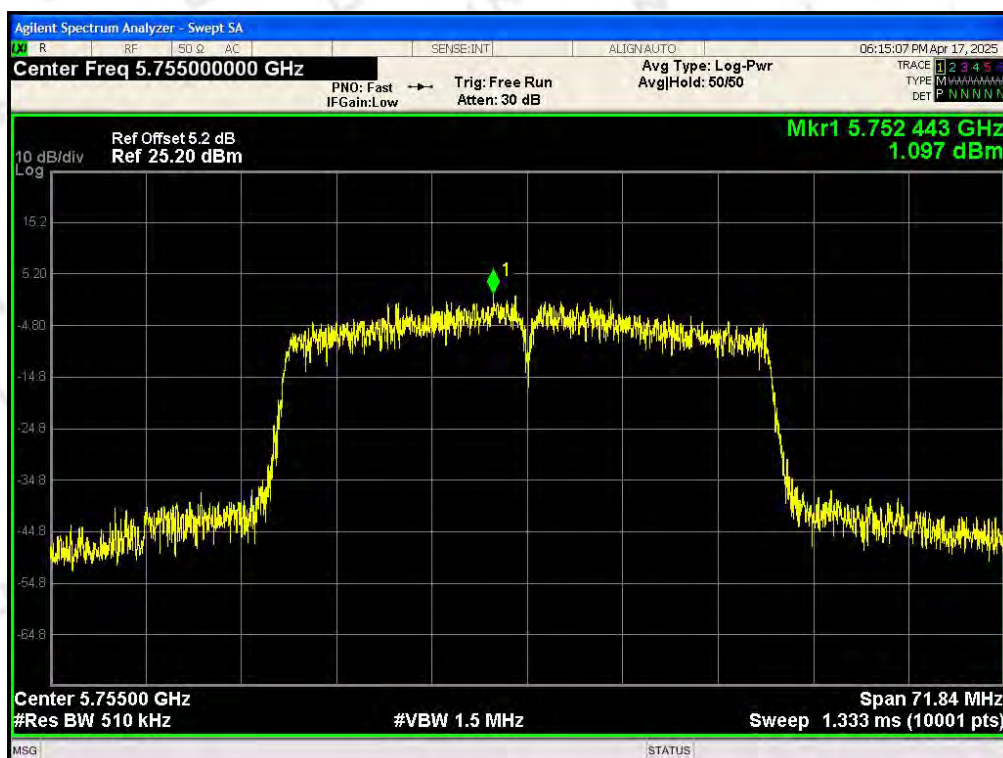
PSD NVNT 802.11ac20 5825MHz Ant1



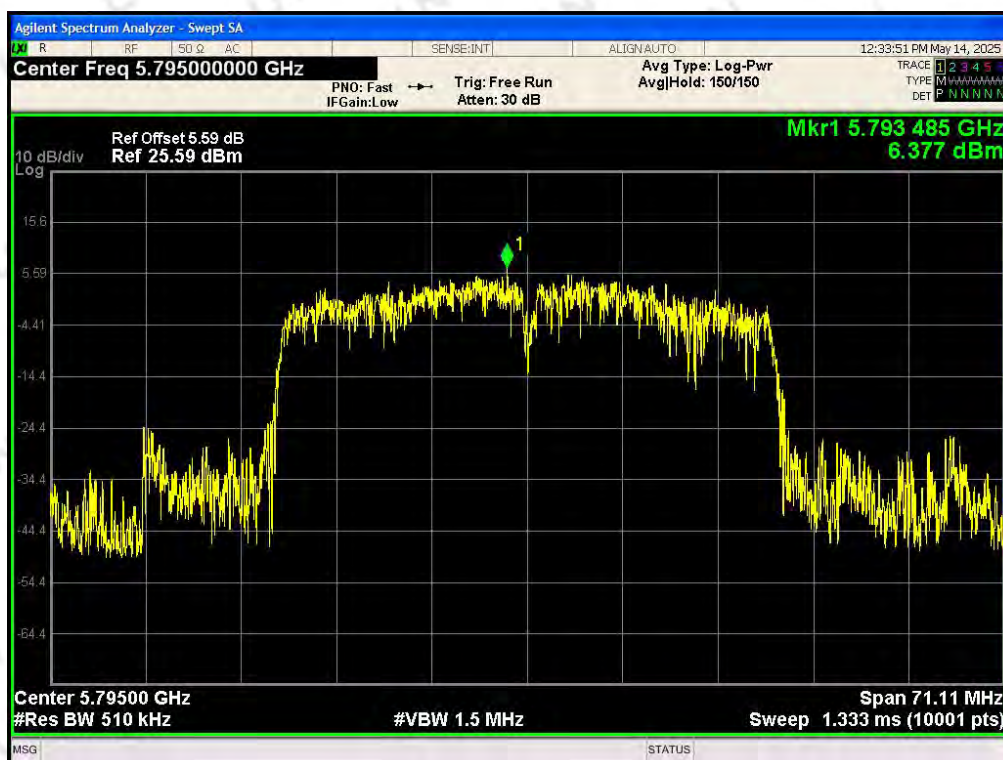
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PSD NVNT 802.11n(HT40) 5755MHz Ant1



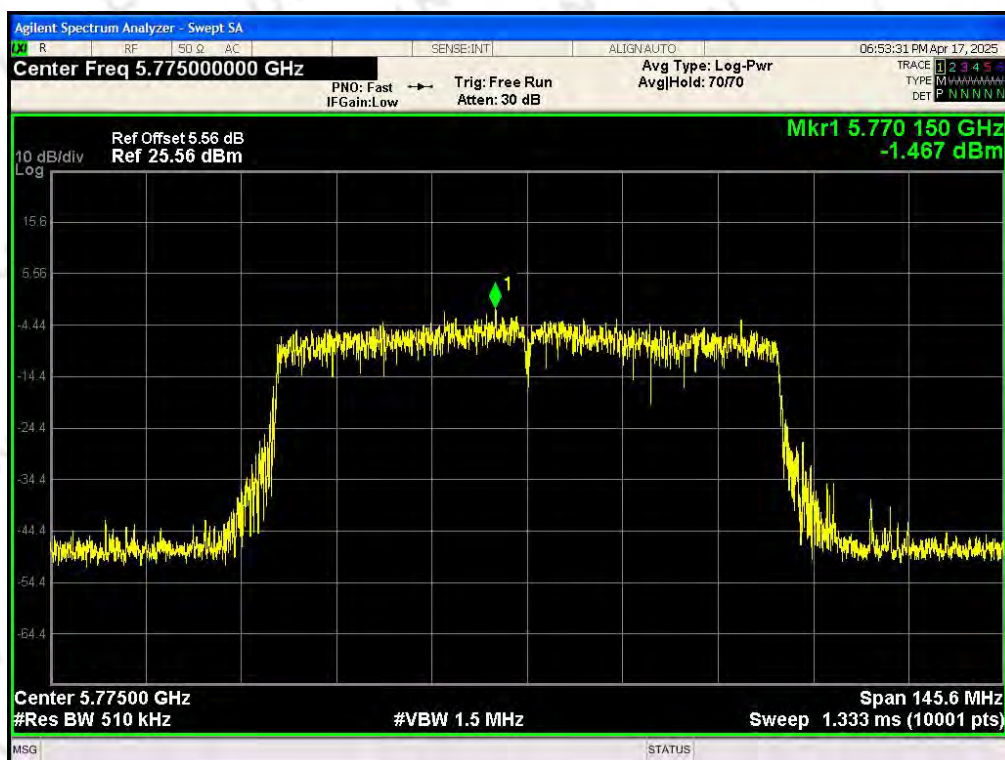
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PSD NVNT 802.11n(HT40) 5795MHz Ant1



PSD NVNT 802.11ac80 5775MHz Ant0



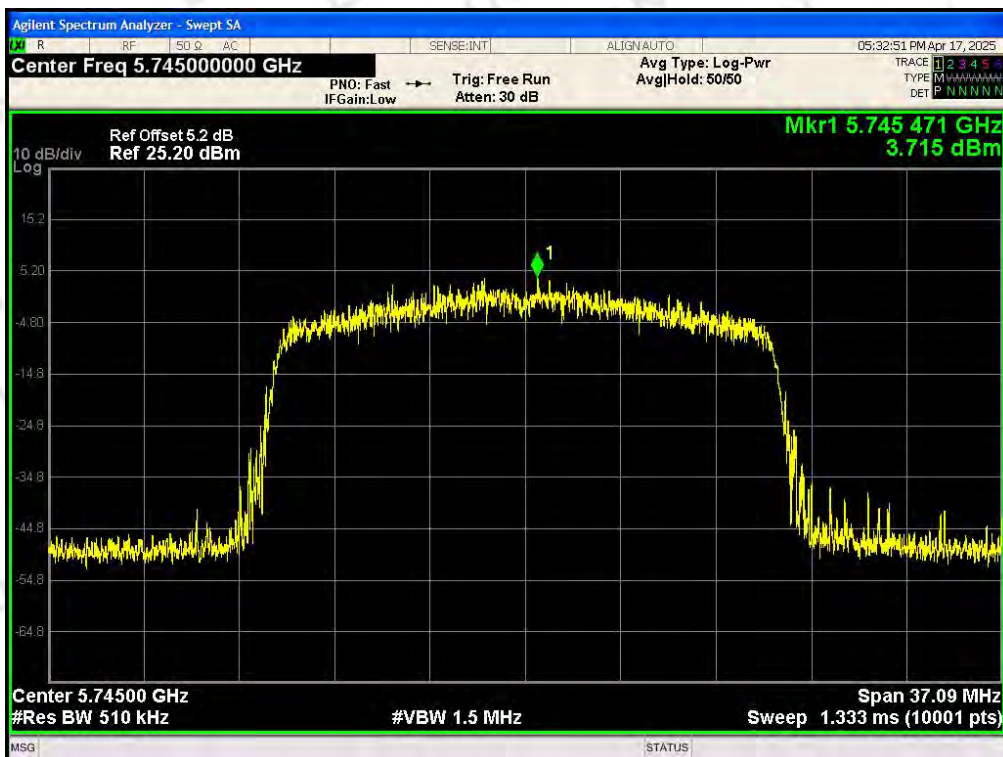
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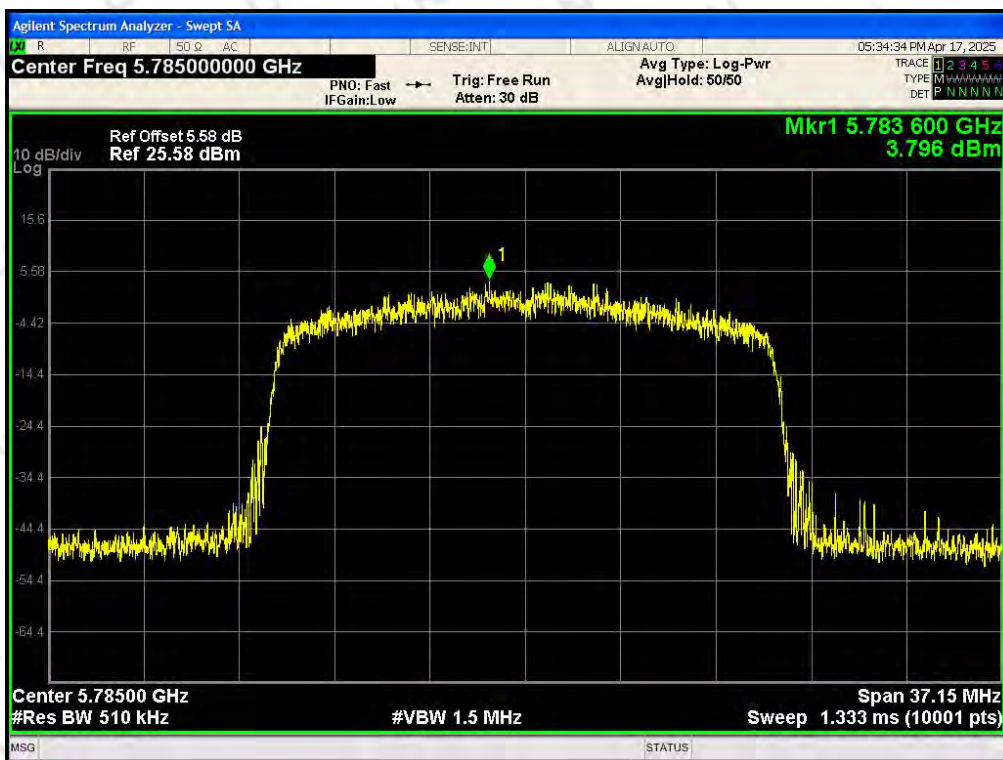
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PSD NVNT 802.11a 5745MHz Ant1



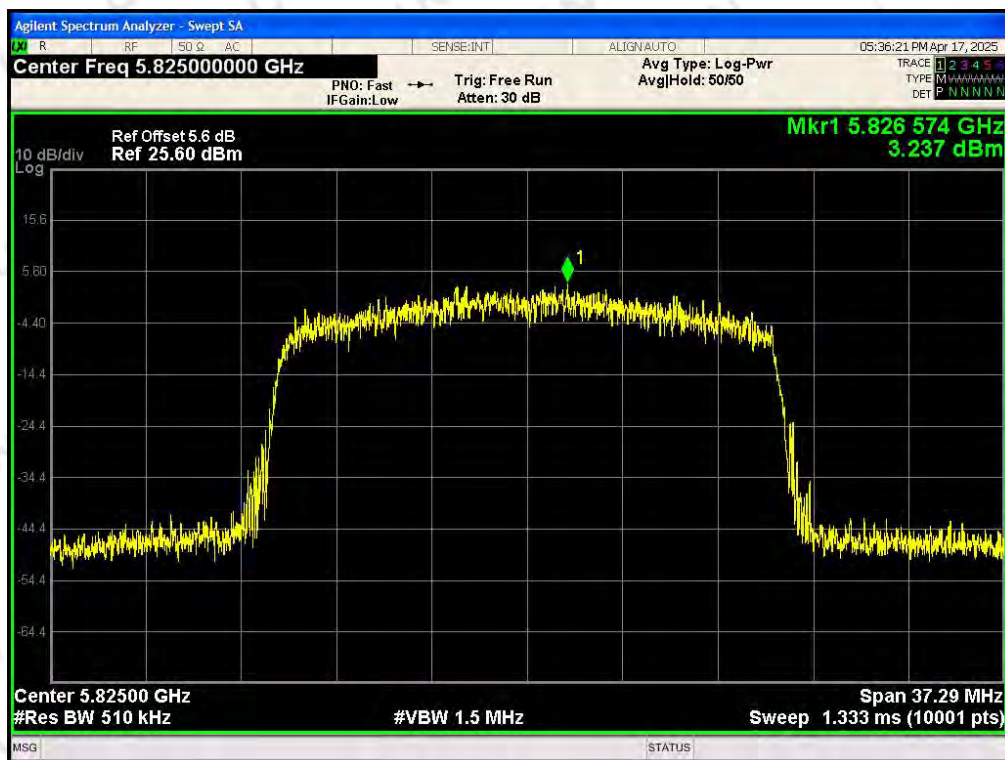
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PSD NVNT 802.11a 5785MHz Ant1



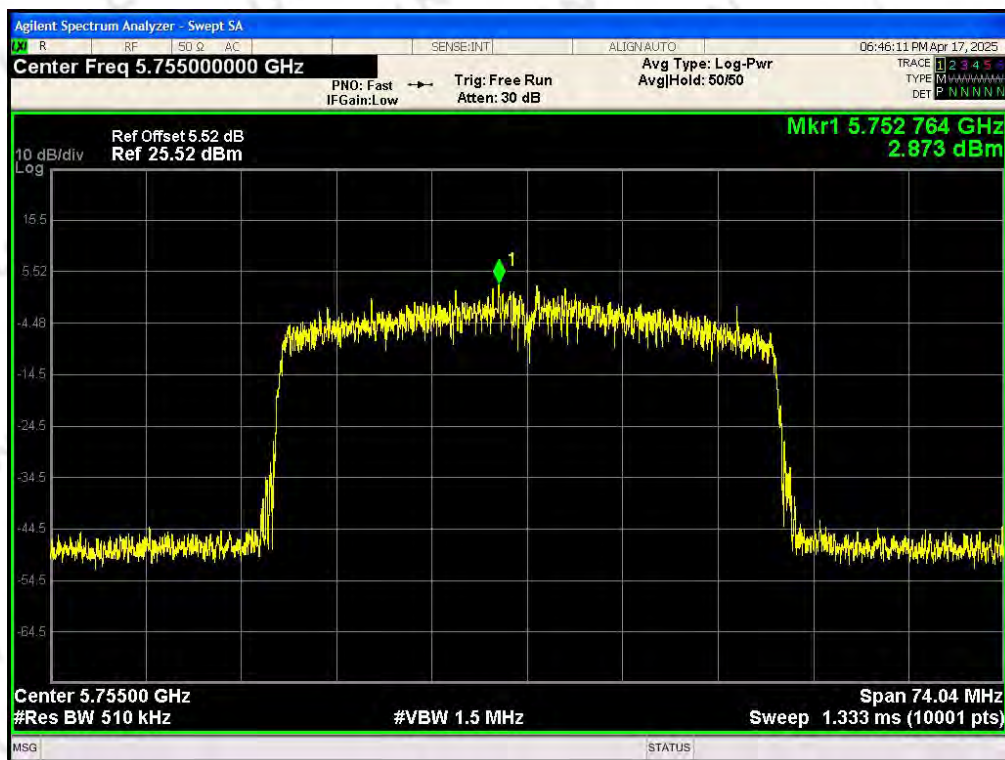
PSD NVNT 802.11a 5825MHz Ant0



PSD NVNT 802.11a 5825MHz Ant1



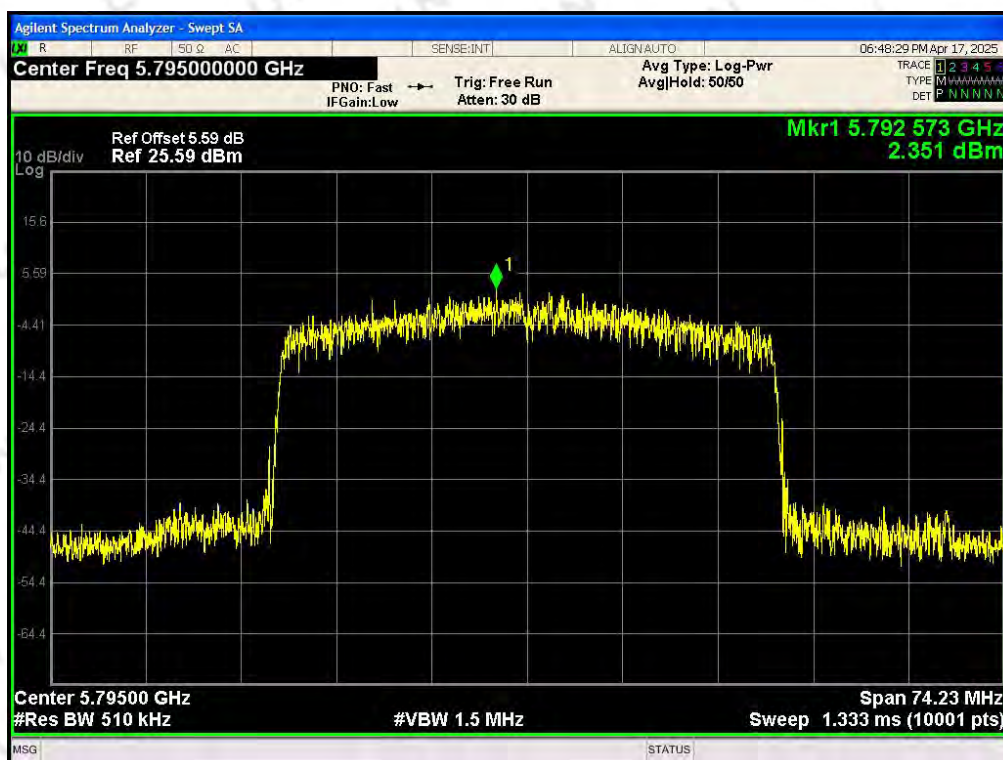
PSD NVNT 802.11ax40 5755MHz Ant0



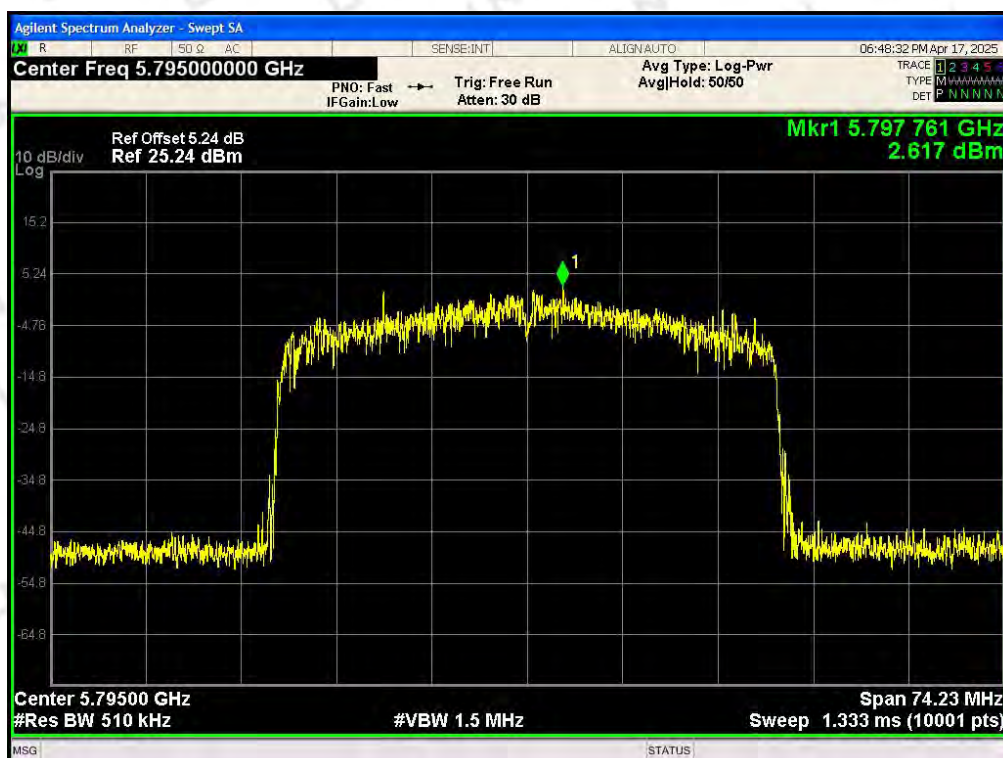
PSD NVNT 802.11ax40 5755MHz Ant1



PSD NVNT 802.11ax40 5795MHz Ant0



PSD NVNT 802.11ax40 5795MHz Ant1



PSD NVNT 802.11ax80 5775MHz Ant0



PSD NVNT 802.11ax80 5775MHz Ant1



PSD NVNT 802.11ax20 5745MHz Ant0



PSD NVNT 802.11ax20 5745MHz Ant1



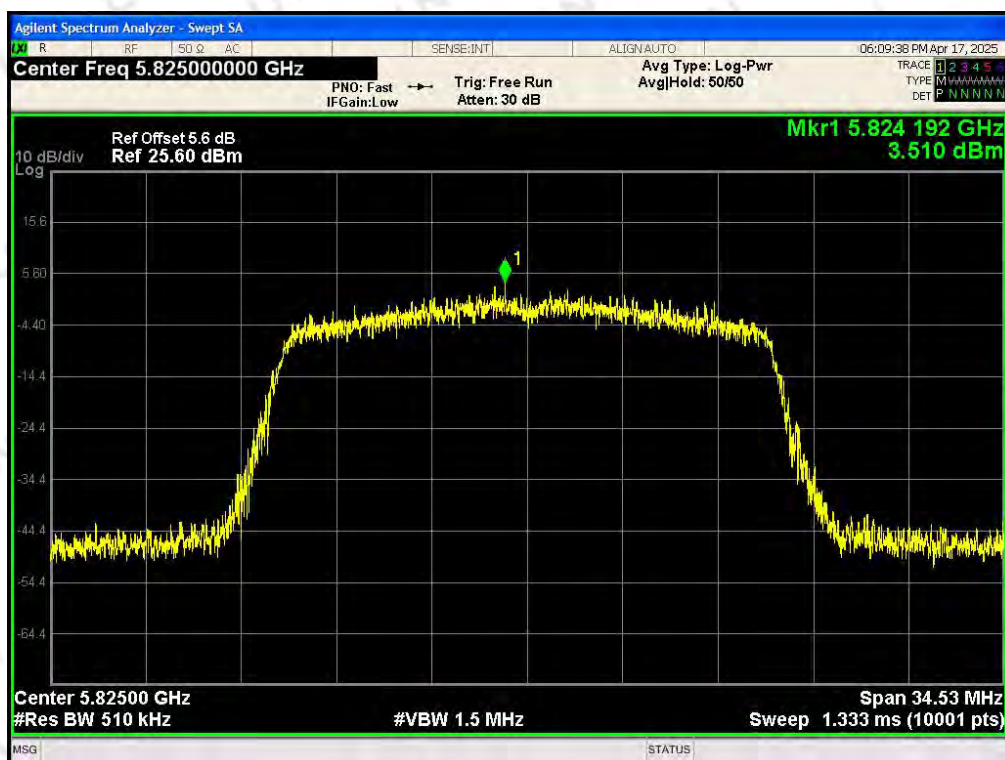
PSD NVNT 802.11ax20 5785MHz Ant0



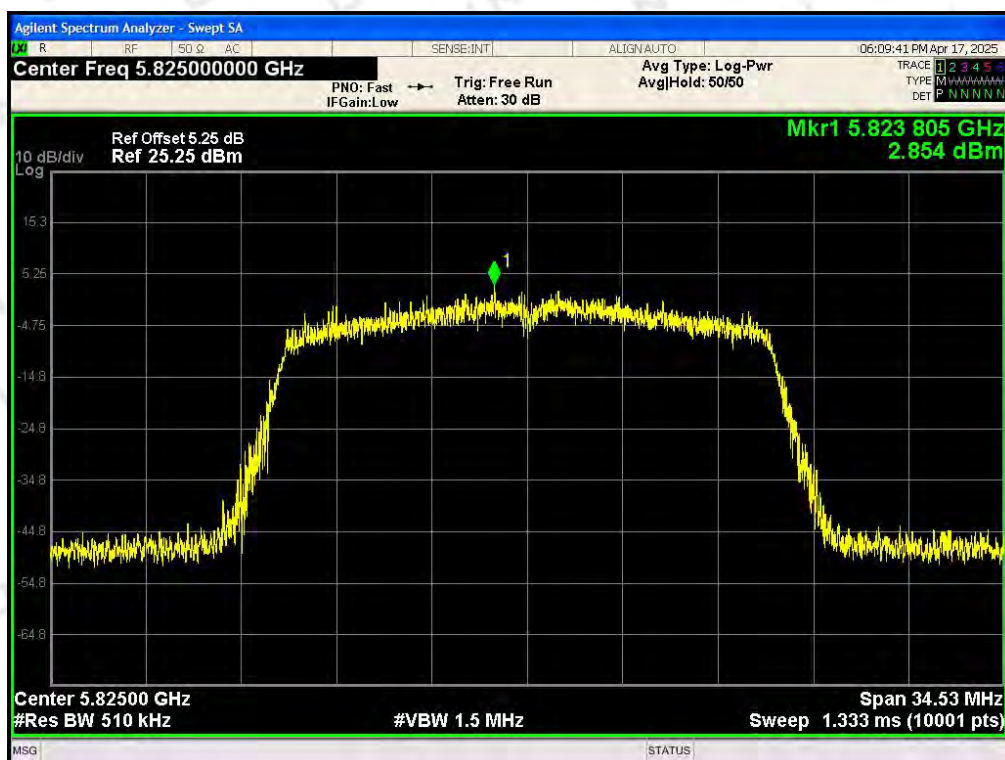
PSD NVNT 802.11ax20 5785MHz Ant1



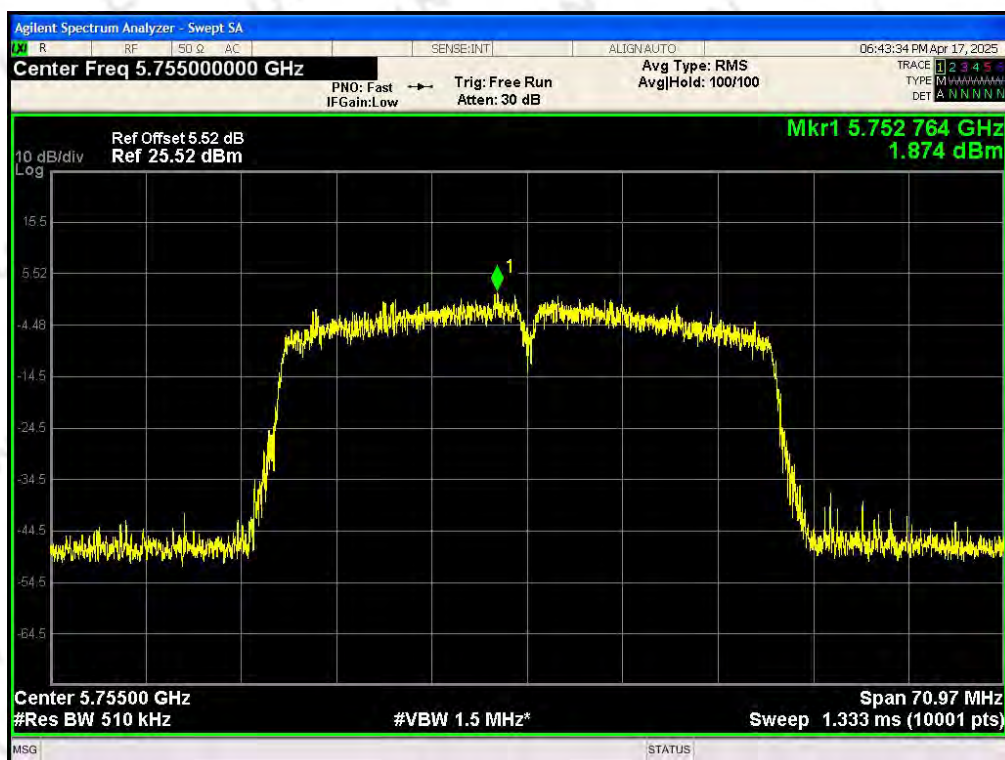
PSD NVNT 802.11ax20 5825MHz Ant0



PSD NVNT 802.11ax20 5825MHz Ant1



PSD NVNT 802.11ac40 5755MHz Ant0



PSD NVNT 802.11ac40 5755MHz Ant1



PSD NVNT 802.11ac40 5795MHz Ant0



PSD NVNT 802.11ac40 5795MHz Ant1

