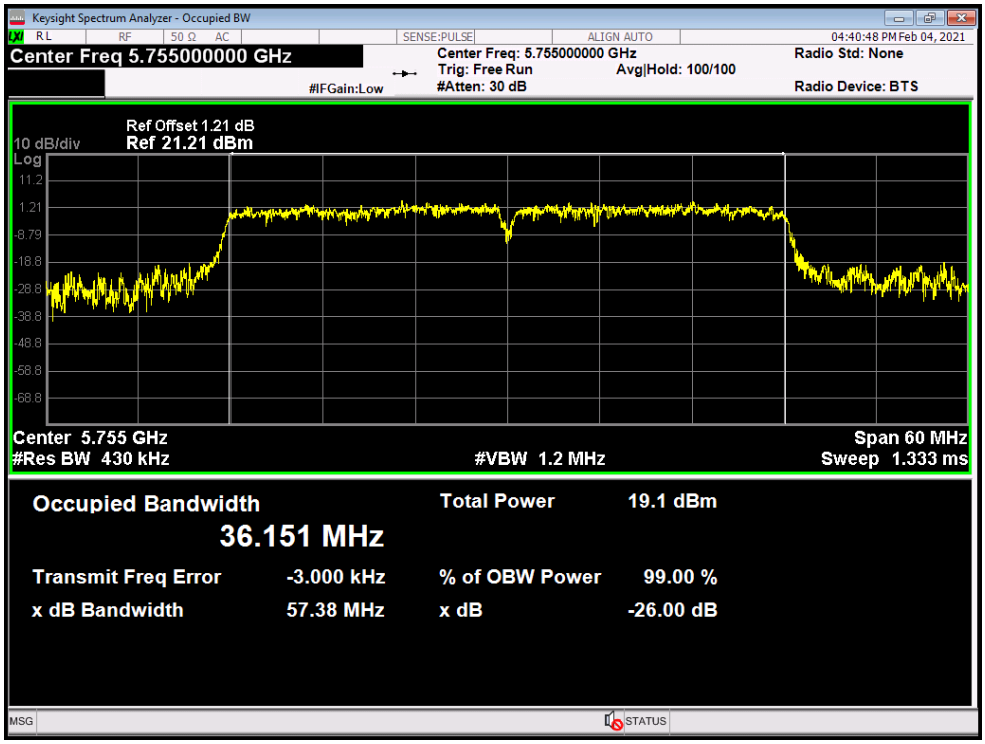
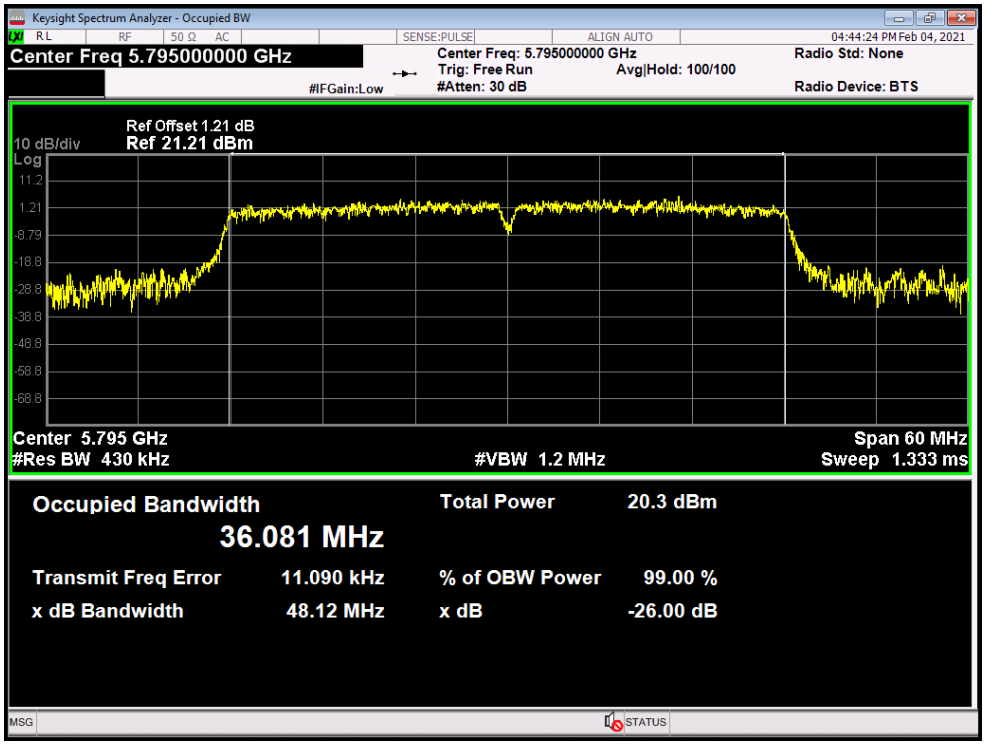
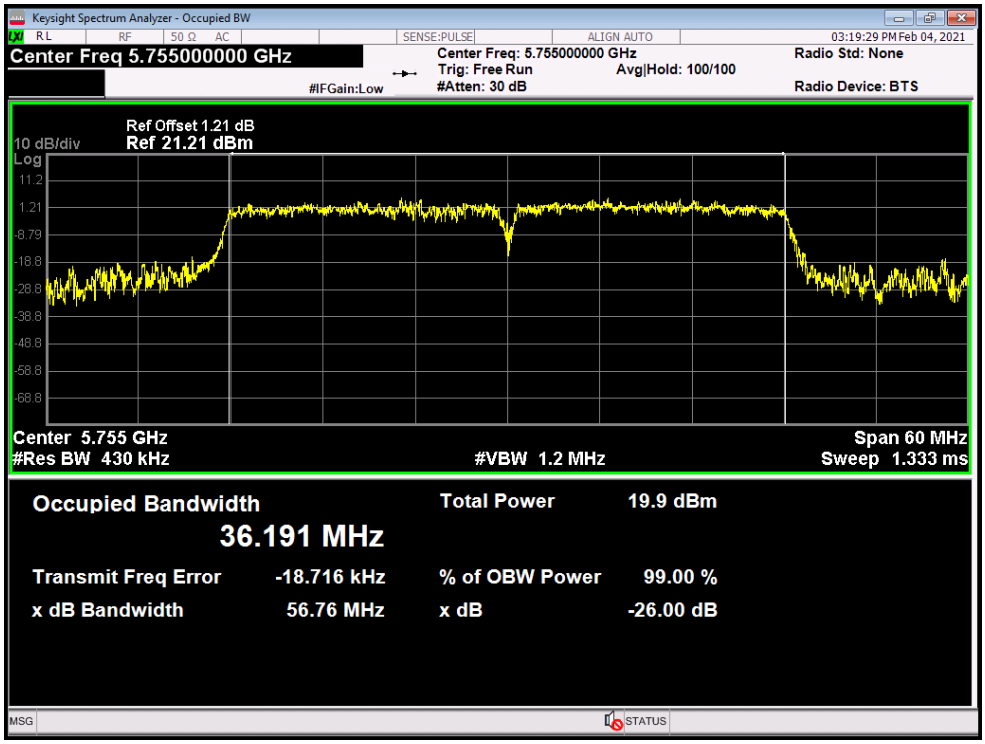
OBW NVNT ac40 5755MHz Ant1



OBW NVNT ac40 5795MHz Ant1



OBW NVNT ac40 5755MHz Ant2



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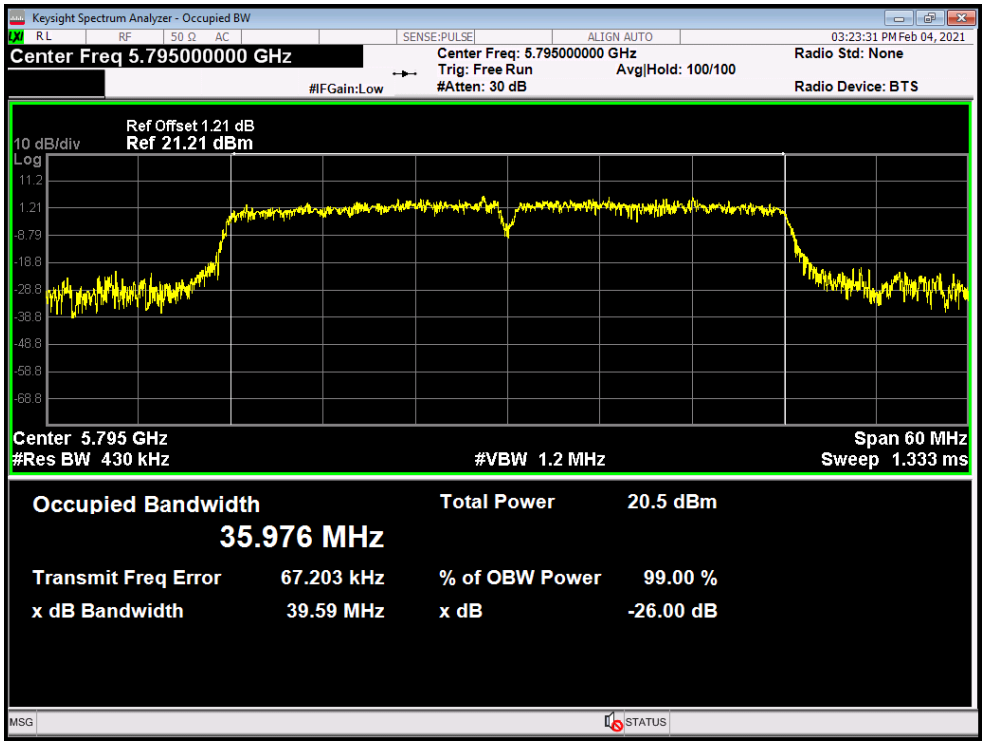
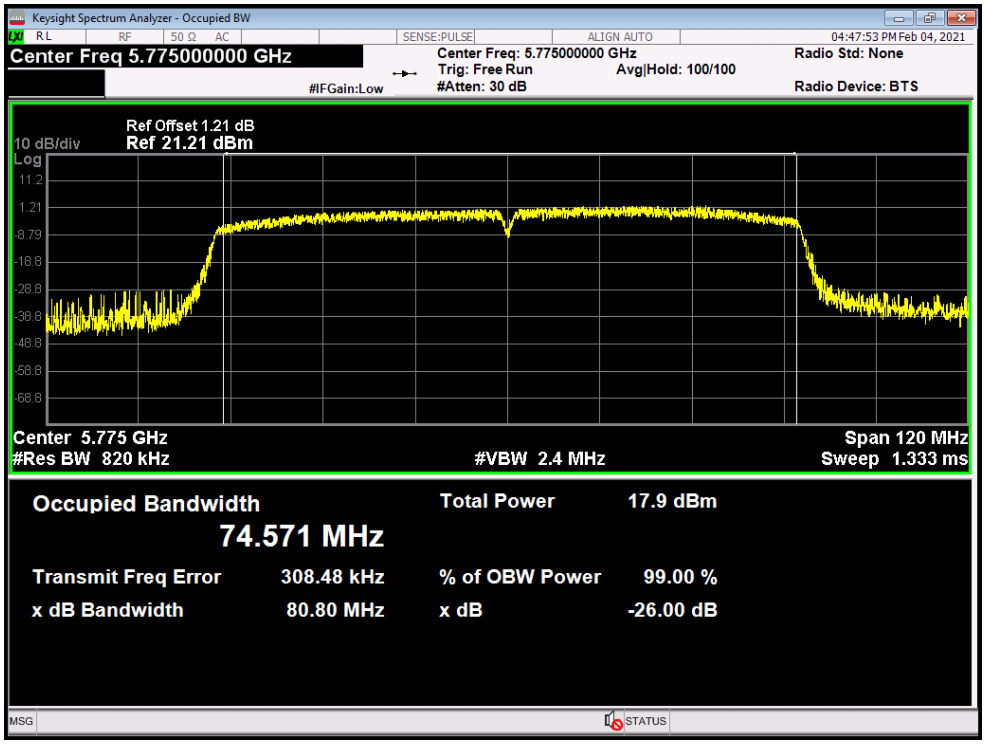
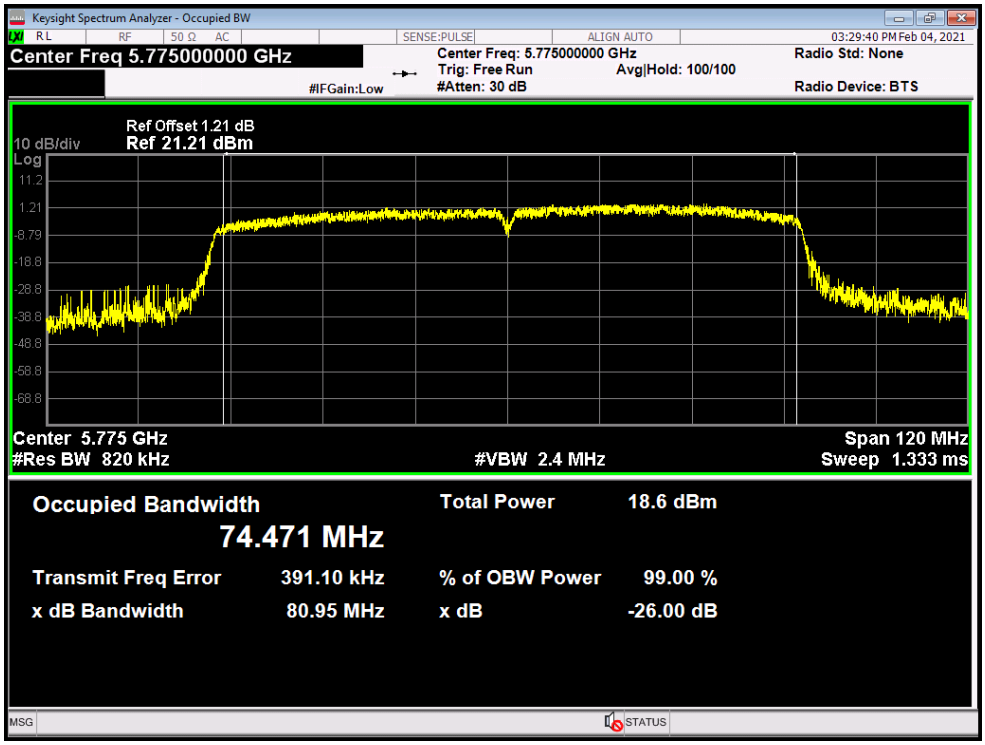


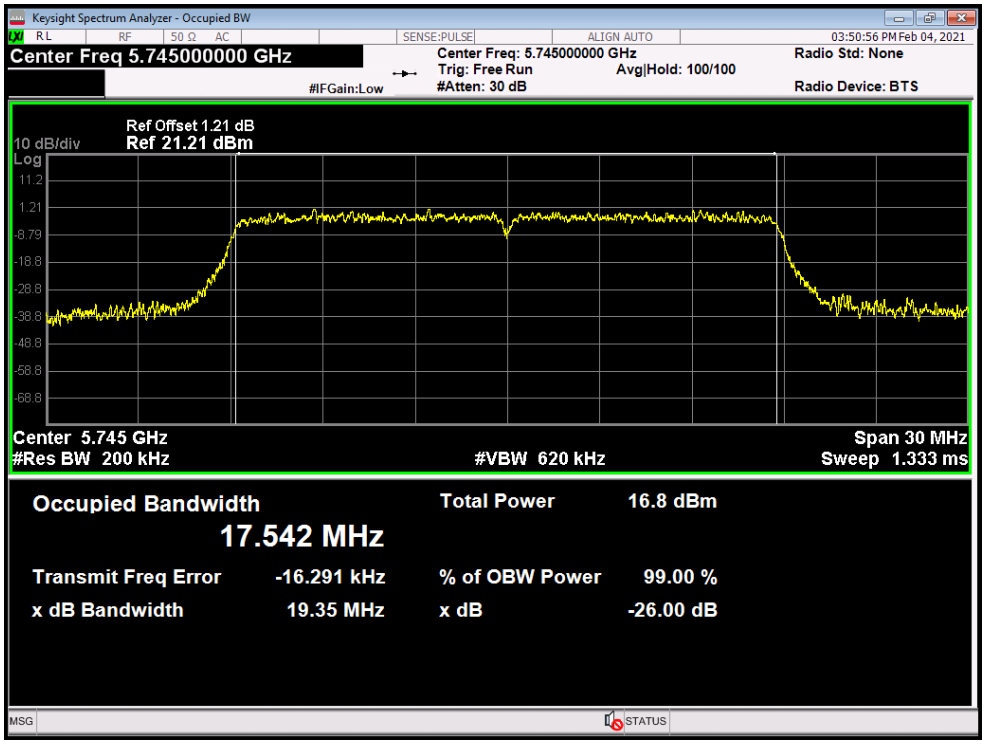
OBW NVNT ac80 5775MHz Ant1



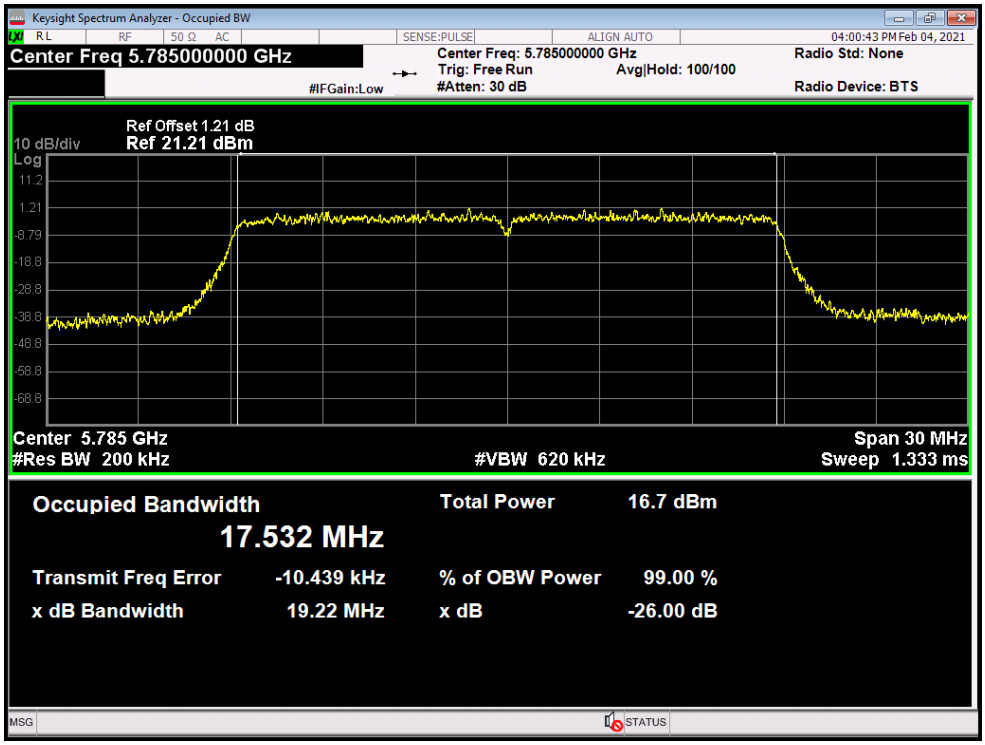
OBW NVNT ac80 5775MHz Ant2



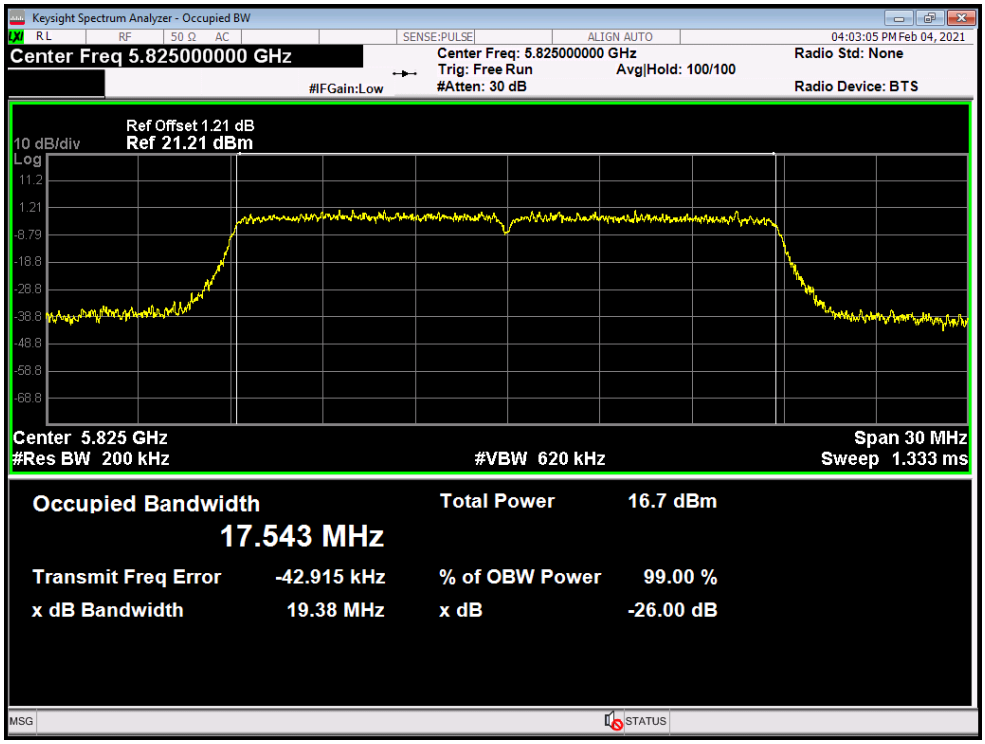
OBW NVNT n20 5745MHz Ant1



OBW NVNT n20 5785MHz Ant1



OBW NVNT n20 5825MHz Ant1



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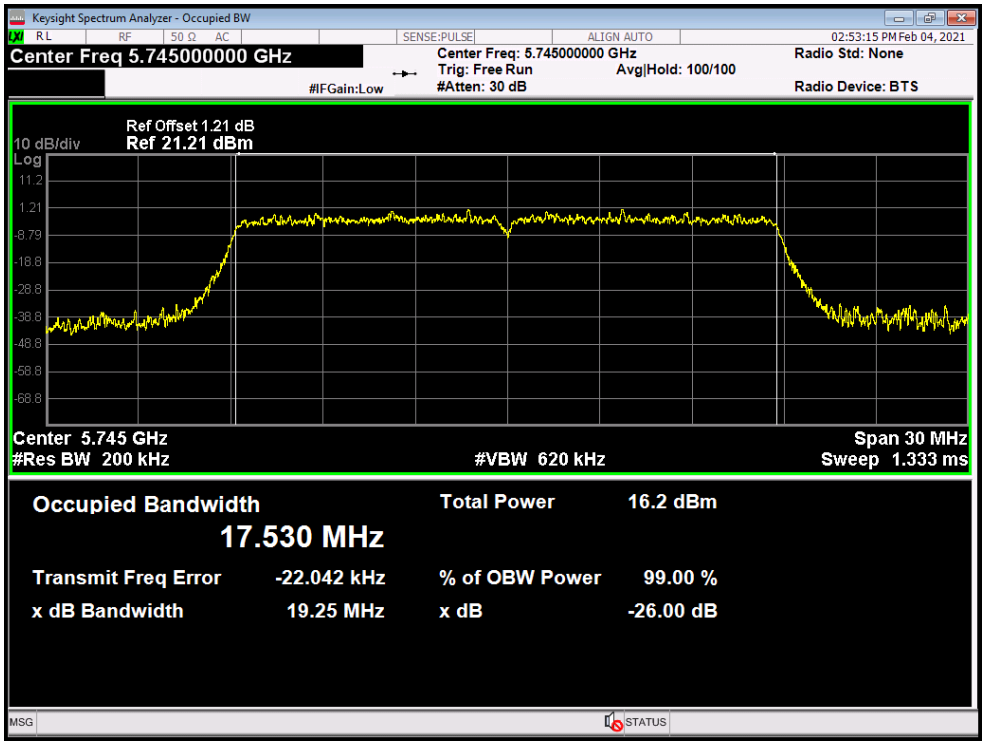
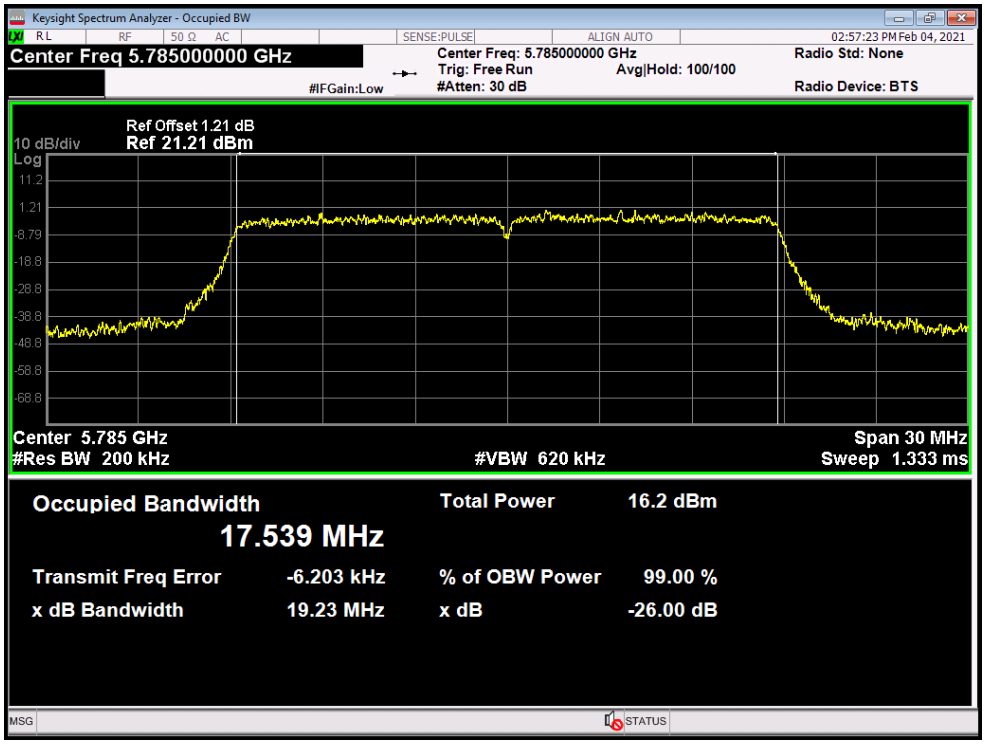
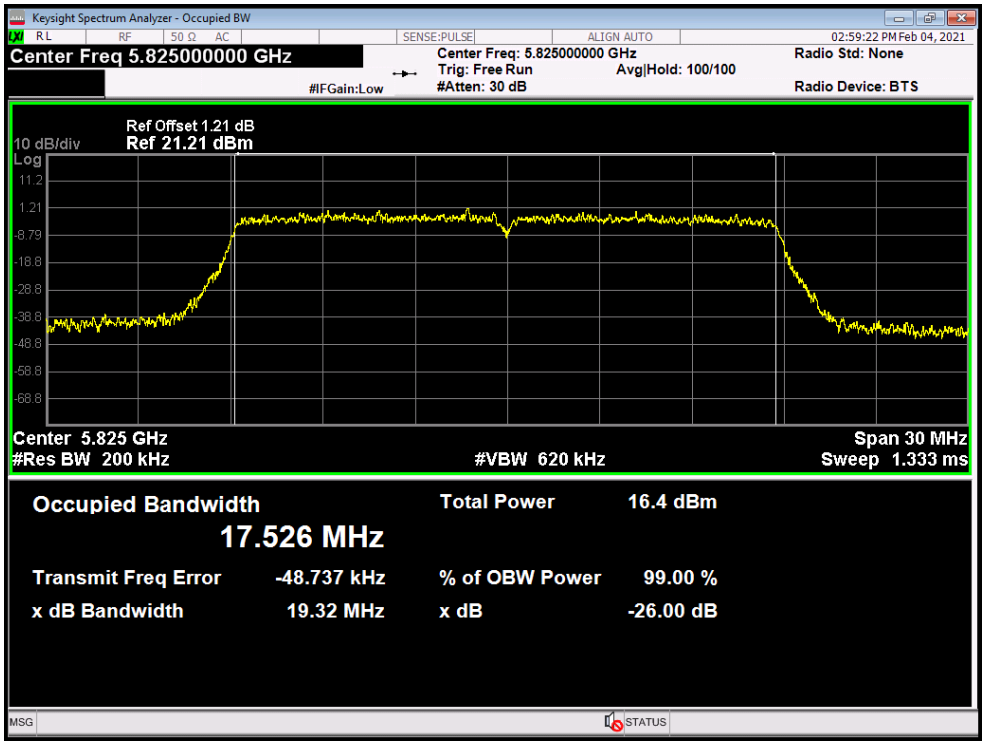


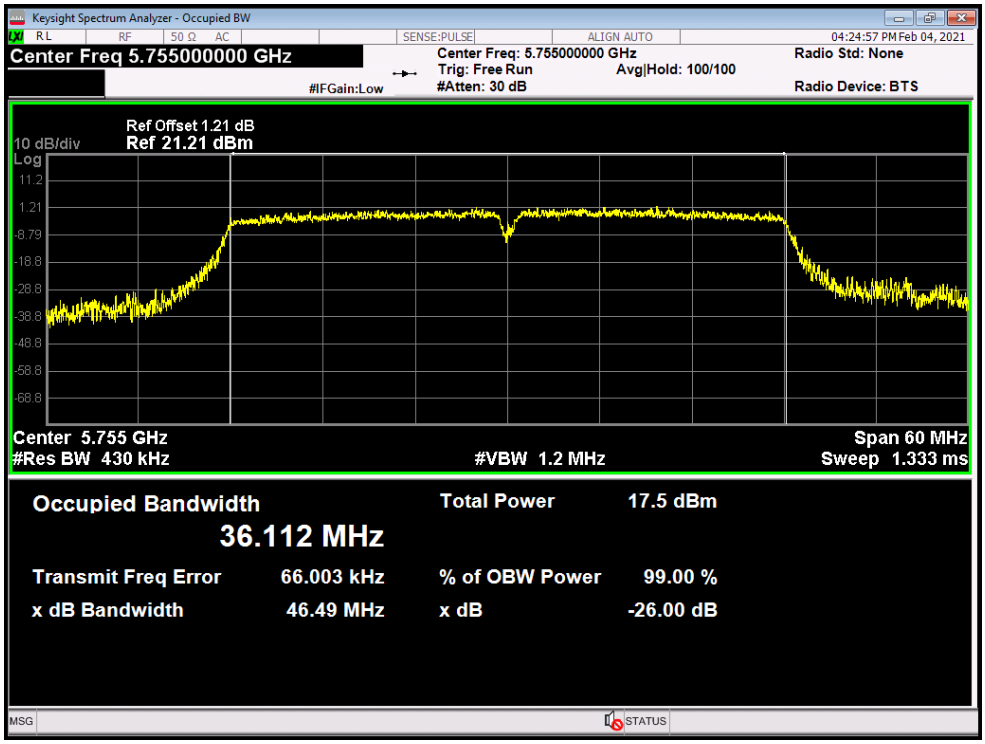
OBW NVNT n20 5785MHz Ant2



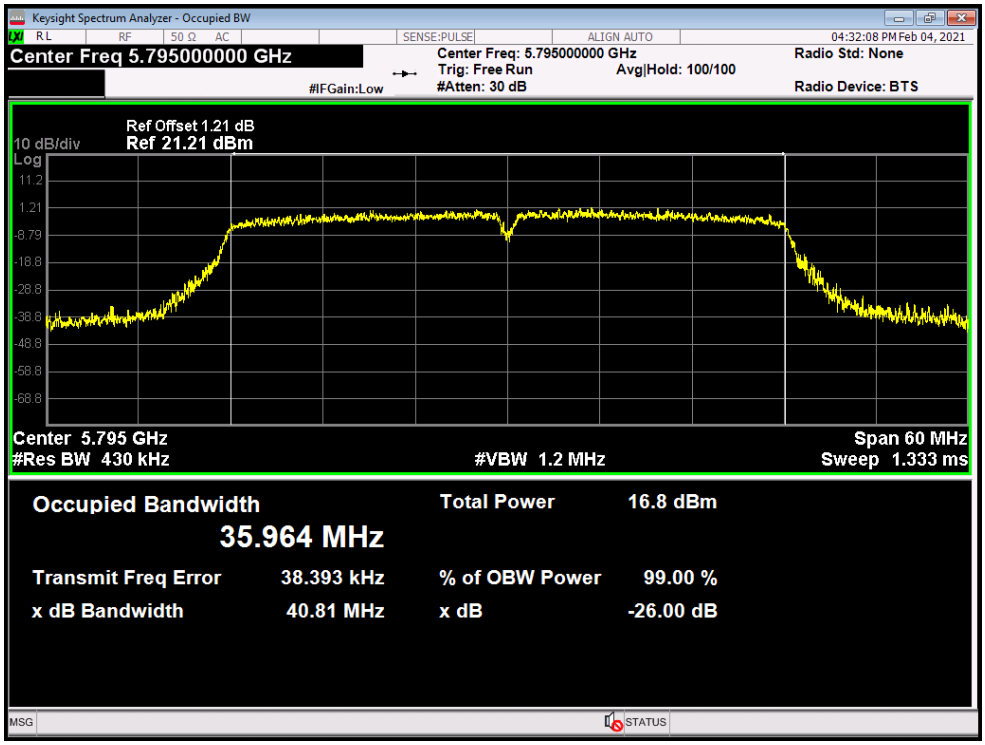
OBW NVNT n20 5825MHz Ant2



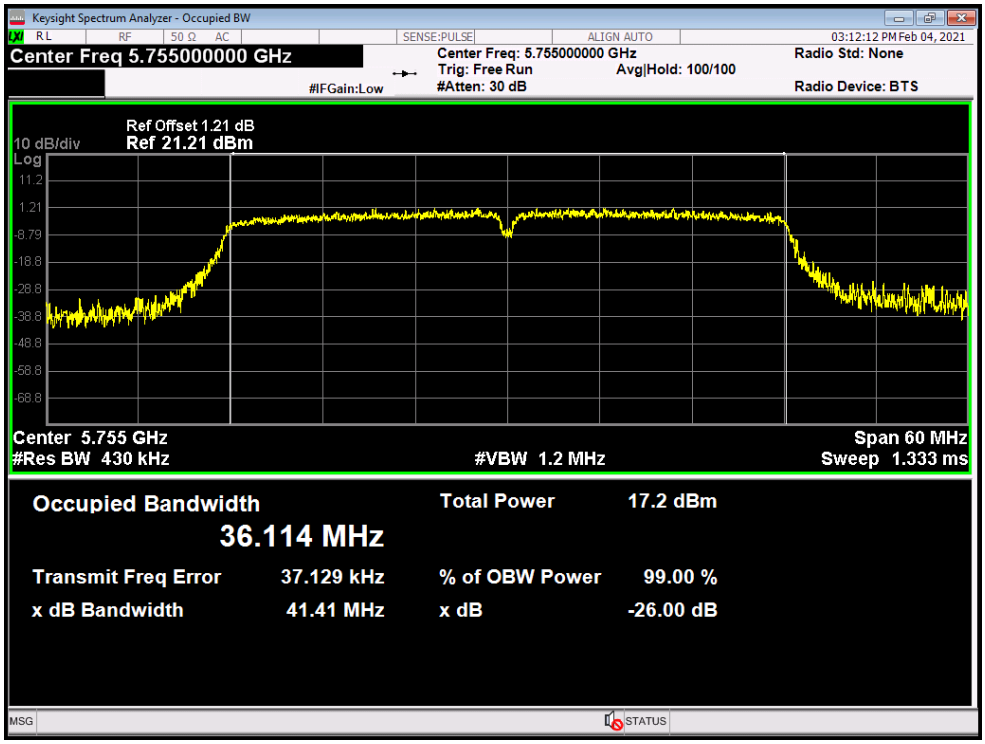
OBW NVNT n40 5755MHz Ant1



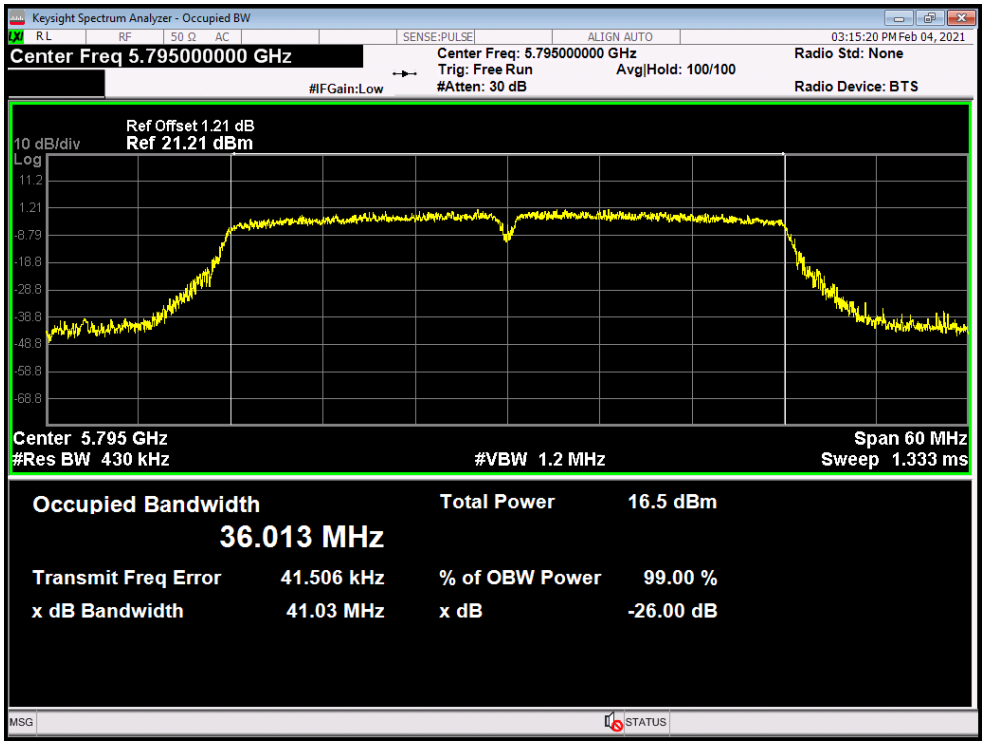
OBW NVNT n40 5795MHz Ant1



OBW NVNT n40 5755MHz Ant2



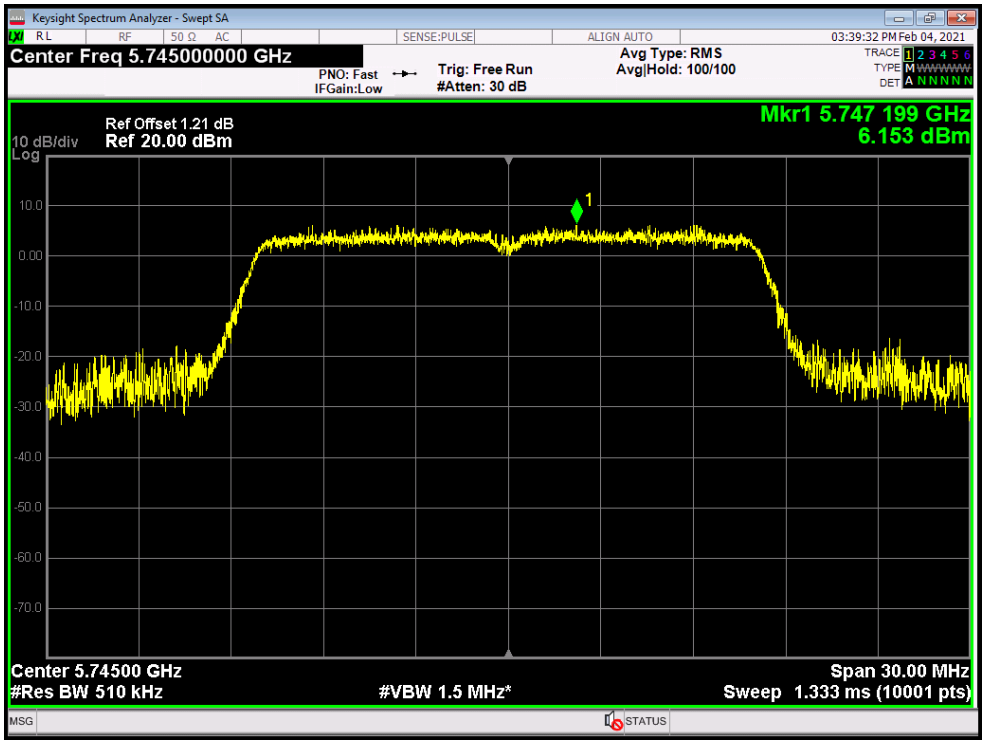
OBW NVNT n40 5795MHz Ant2



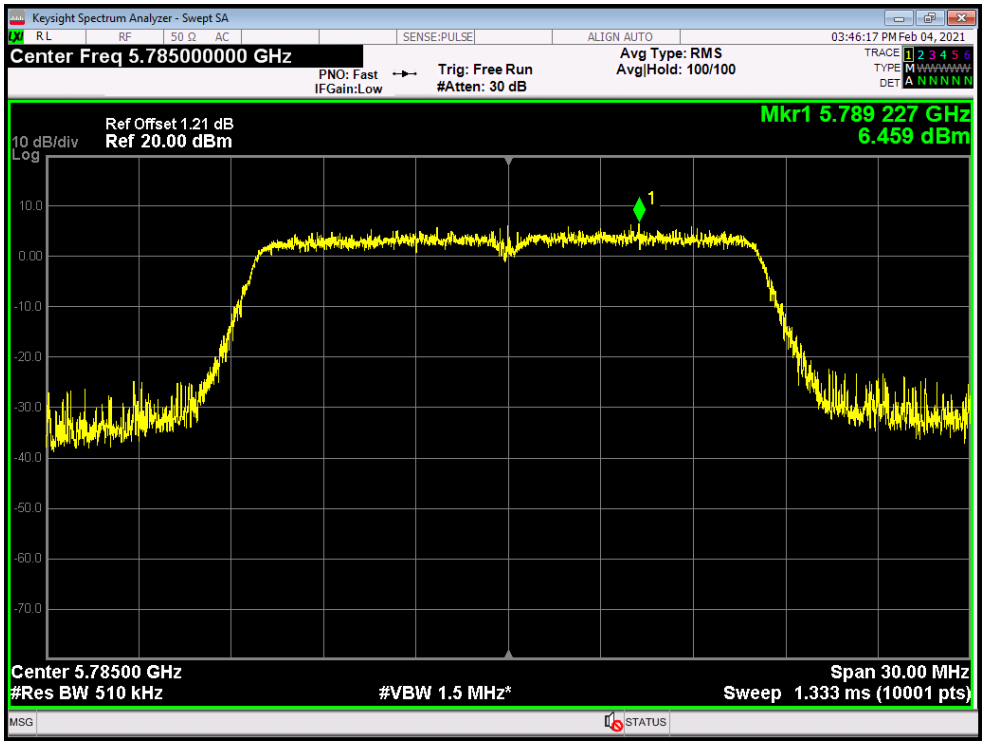
Maximum Power Spectral Density Level

Condition	Mode	Frequency (MHz)	Antenna	Max PSD (dBm)	Limit (dBm)	Verdict
NVNT	a	5745	Ant1	6.153	30	Pass
NVNT	a	5785	Ant1	6.459	30	Pass
NVNT	a	5825	Ant1	6.74	30	Pass
NVNT	a	5745	Ant2	6.176	30	Pass
NVNT	a	5785	Ant2	6.092	30	Pass
NVNT	a	5825	Ant2	5.976	30	Pass
NVNT	ac20	5745	Ant1	7.055	30	Pass
NVNT	ac20	5785	Ant1	7.231	30	Pass
NVNT	ac20	5825	Ant1	7.598	30	Pass
NVNT	ac20	5745	Ant2	7.067	30	Pass
NVNT	ac20	5785	Ant2	6.967	30	Pass
NVNT	ac20	5825	Ant2	7.272	30	Pass
NVNT	ac40	5755	Ant1	4.574	30	Pass
NVNT	ac40	5795	Ant1	5.747	30	Pass
NVNT	ac40	5755	Ant2	5.978	30	Pass
NVNT	ac40	5795	Ant2	6.559	30	Pass
NVNT	ac80	5775	Ant1	-9.498	30	Pass
NVNT	ac80	5775	Ant2	-8.408	30	Pass
NVNT	n20	5745	Ant1	4.901	30	Pass
NVNT	n20	5785	Ant1	3.498	30	Pass
NVNT	n20	5825	Ant1	3.947	30	Pass
NVNT	n20	5745	Ant2	3.986	30	Pass
NVNT	n20	5785	Ant2	4.206	30	Pass
NVNT	n20	5825	Ant2	4.967	30	Pass
NVNT	n40	5755	Ant1	2.368	30	Pass
NVNT	n40	5795	Ant1	1.824	30	Pass
NVNT	n40	5755	Ant2	2.306	30	Pass
NVNT	n40	5795	Ant2	1.635	30	Pass

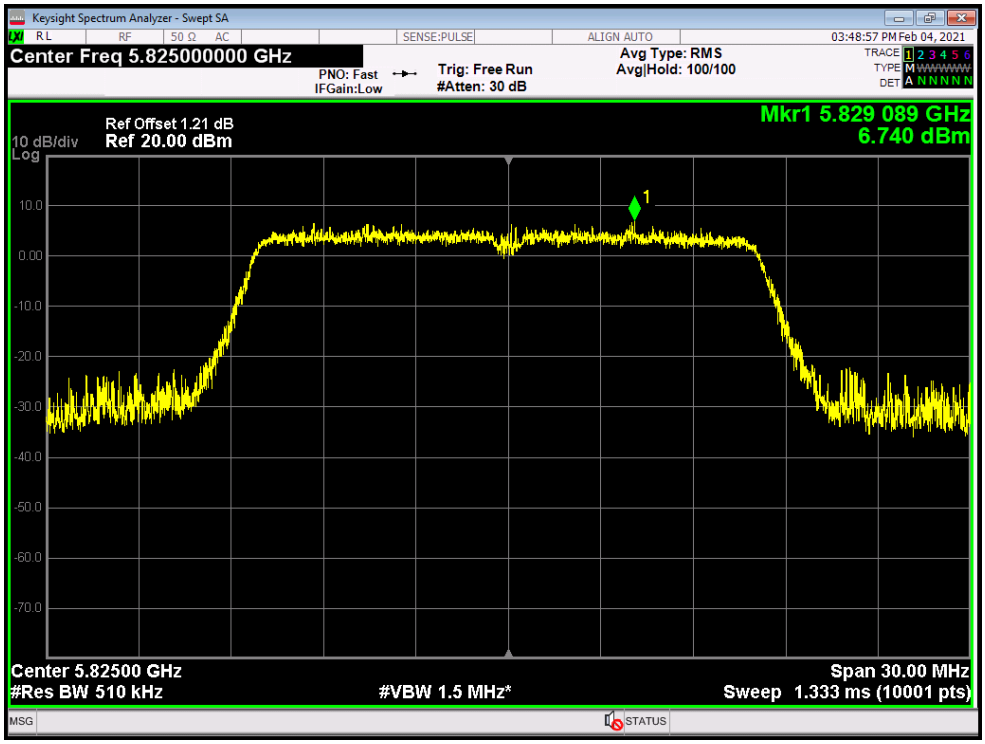
PSD NVNT a 5745MHz Ant1



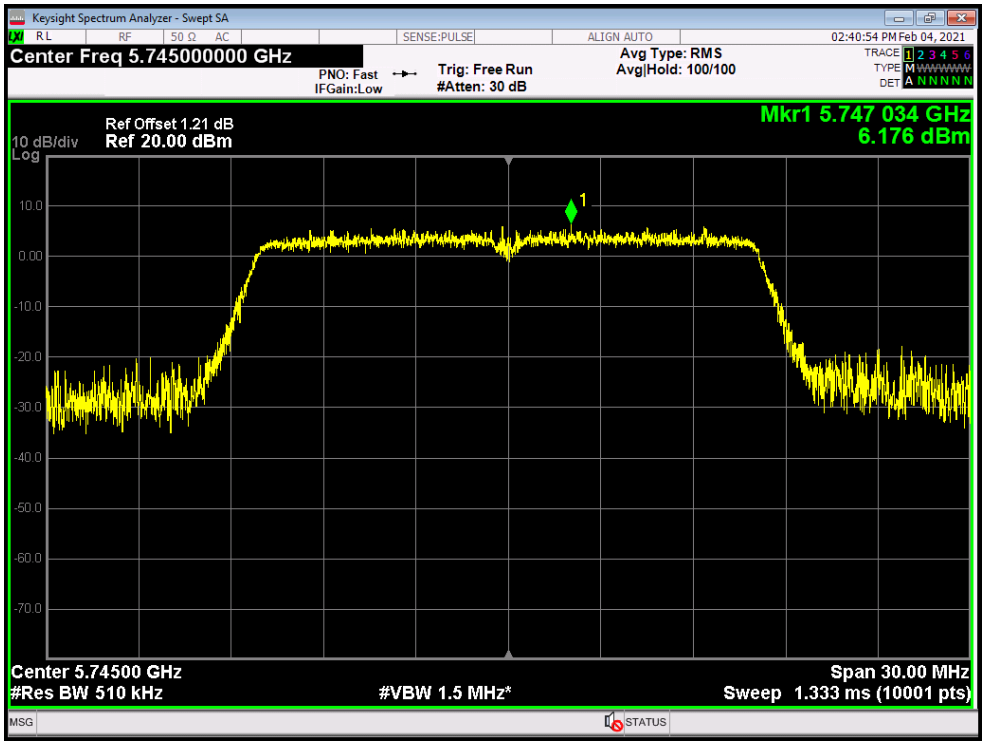
PSD NVNT a 5785MHz Ant1



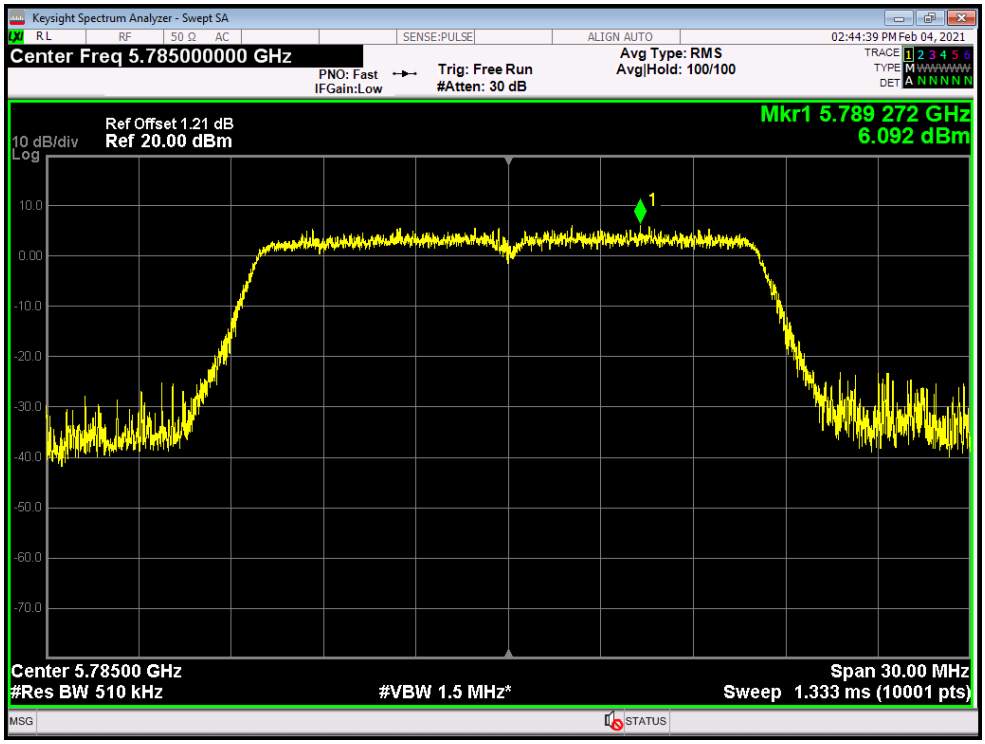
PSD NVNT a 5825MHz Ant1



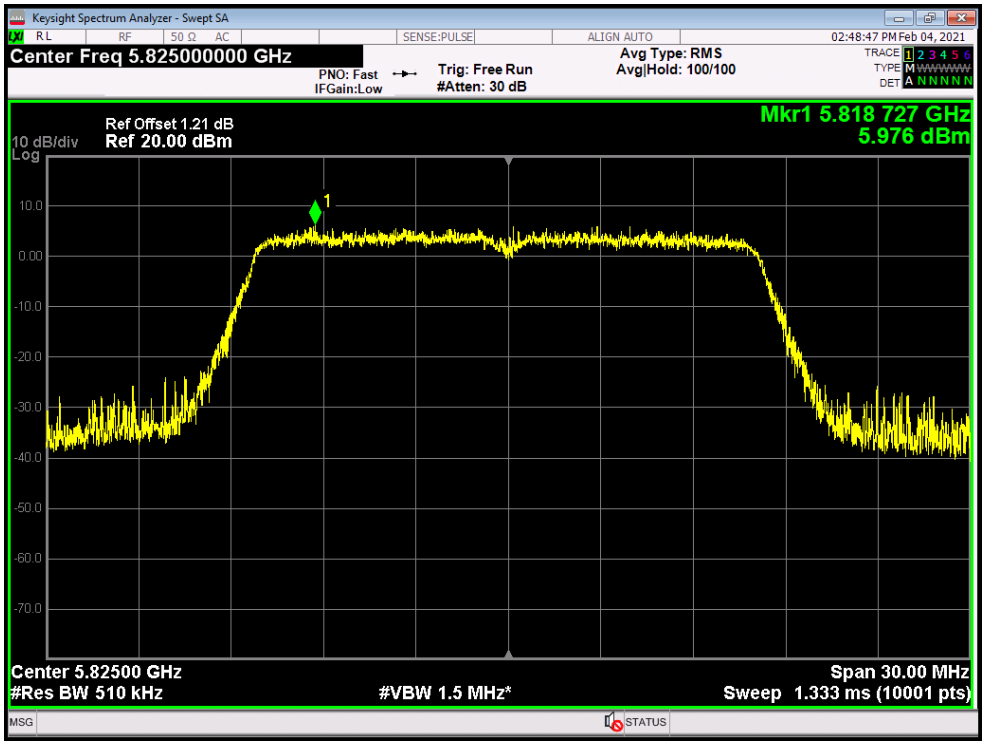
PSD NVNT a 5745MHz Ant2



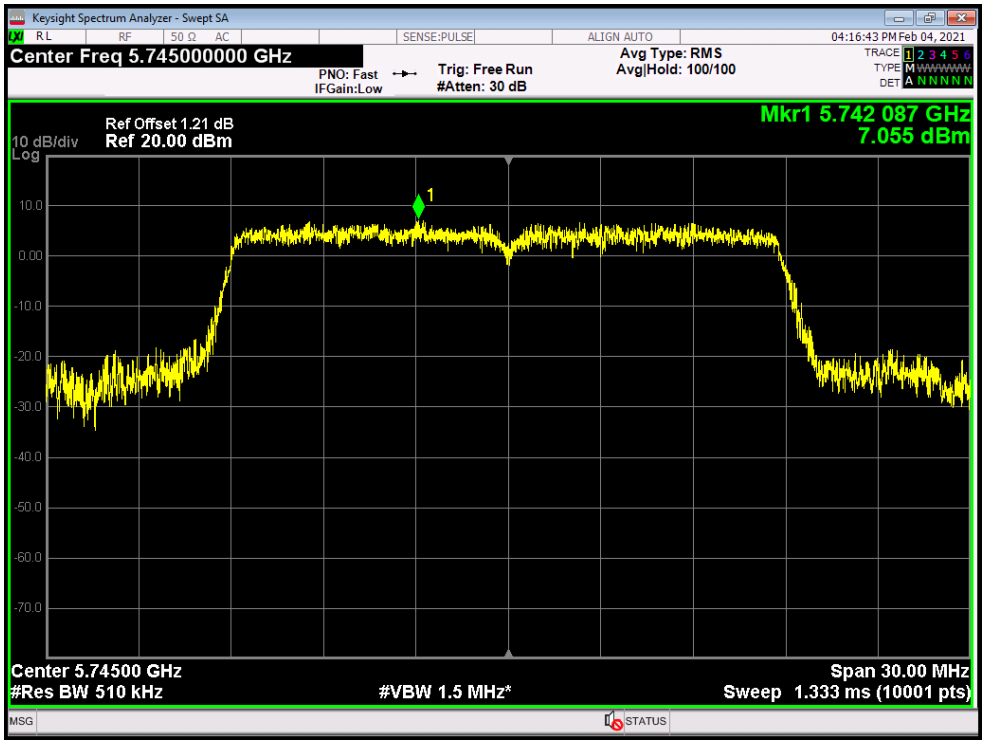
PSD NVNT a 5785MHz Ant2



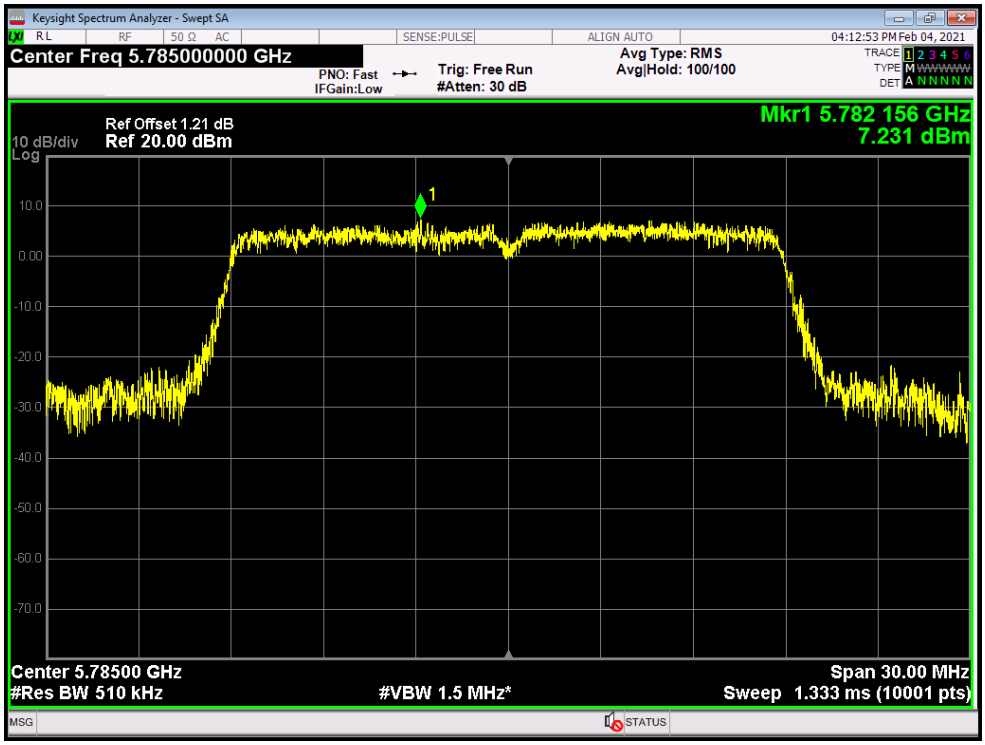
PSD NVNT a 5825MHz Ant2



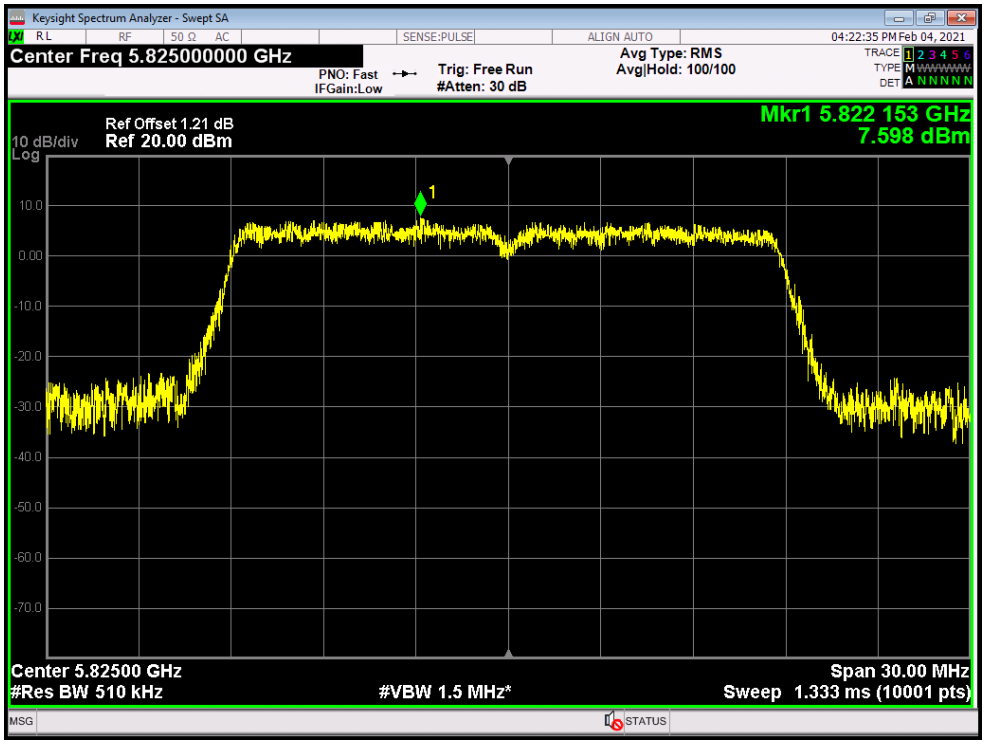
PSD NVNT ac20 5745MHz Ant1



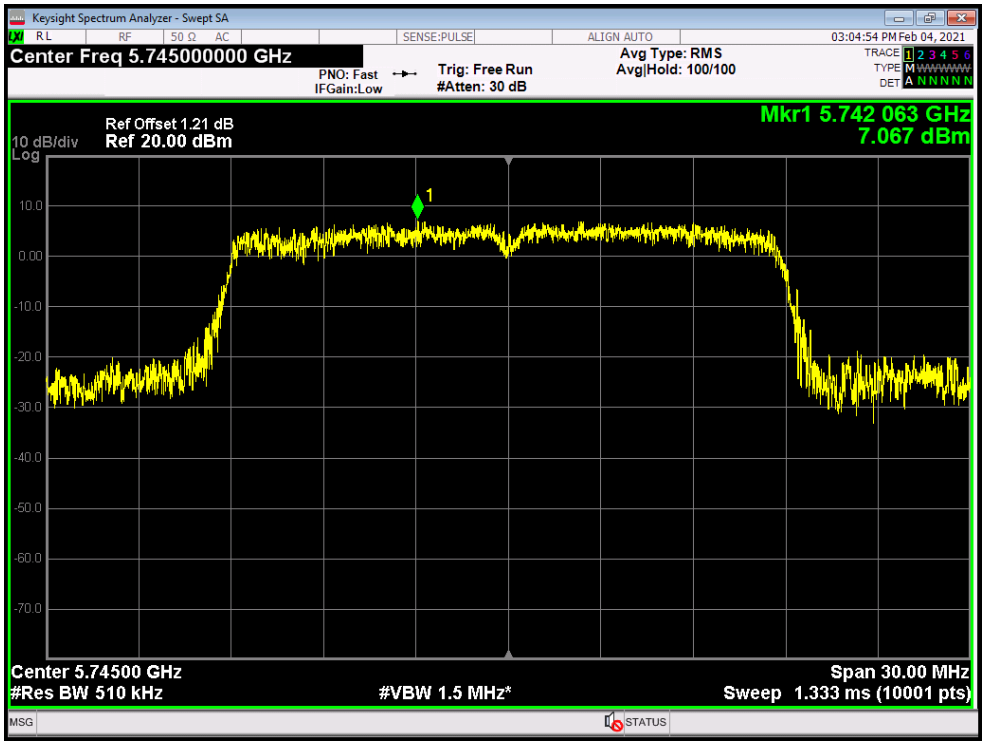
PSD NVNT ac20 5785MHz Ant1



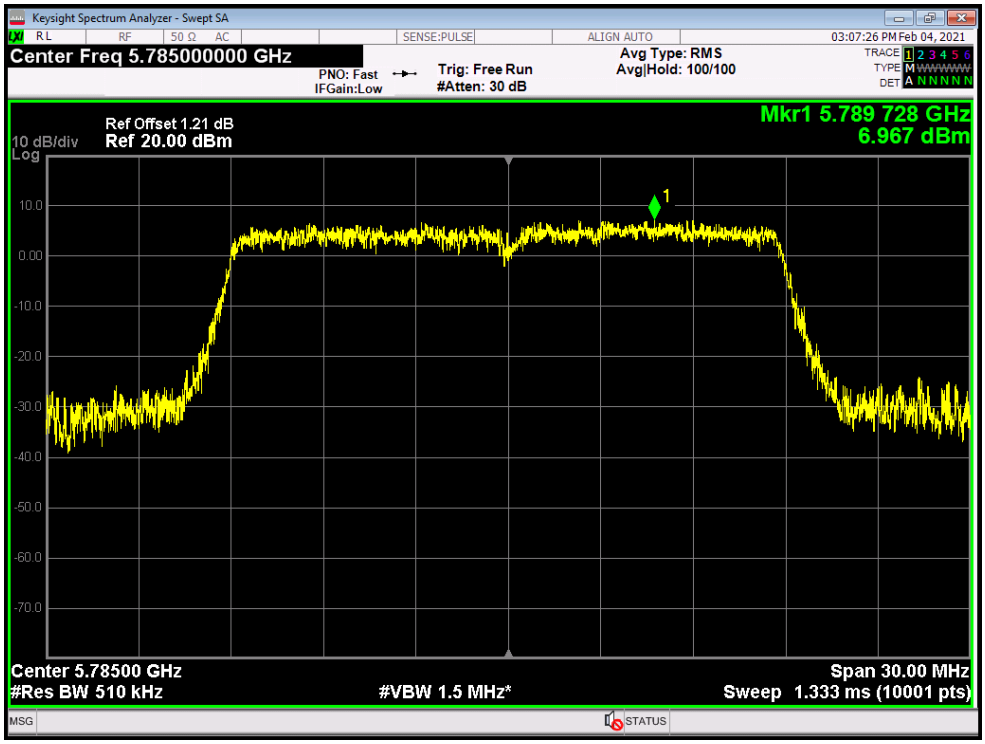
PSD NVNT ac20 5825MHz Ant1



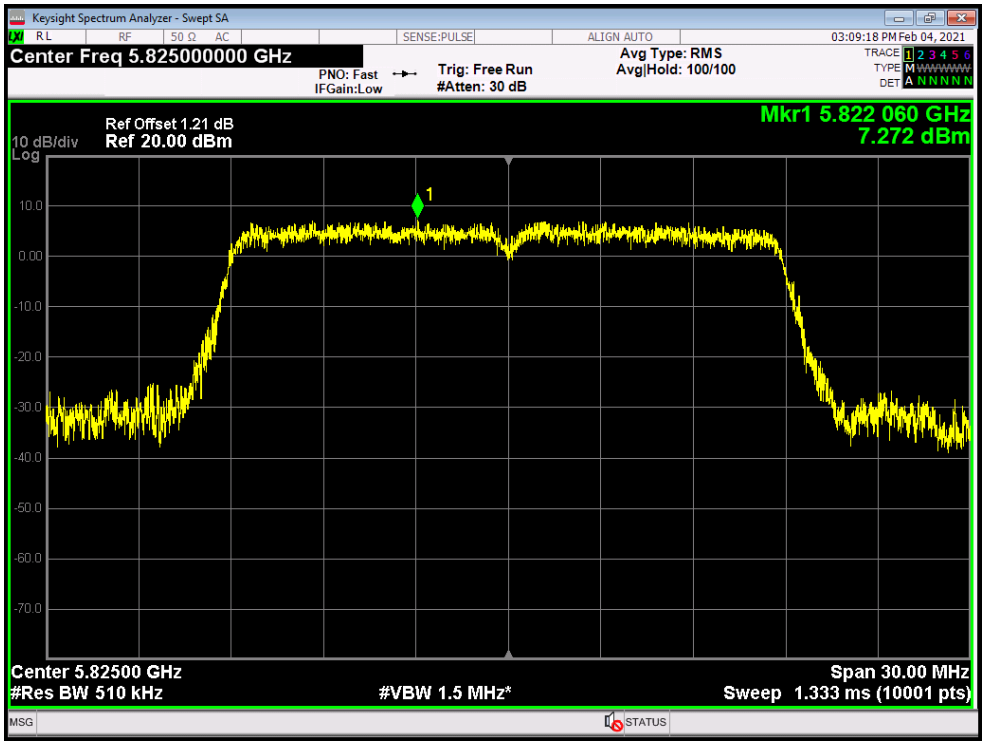
PSD NVNT ac20 5745MHz Ant2



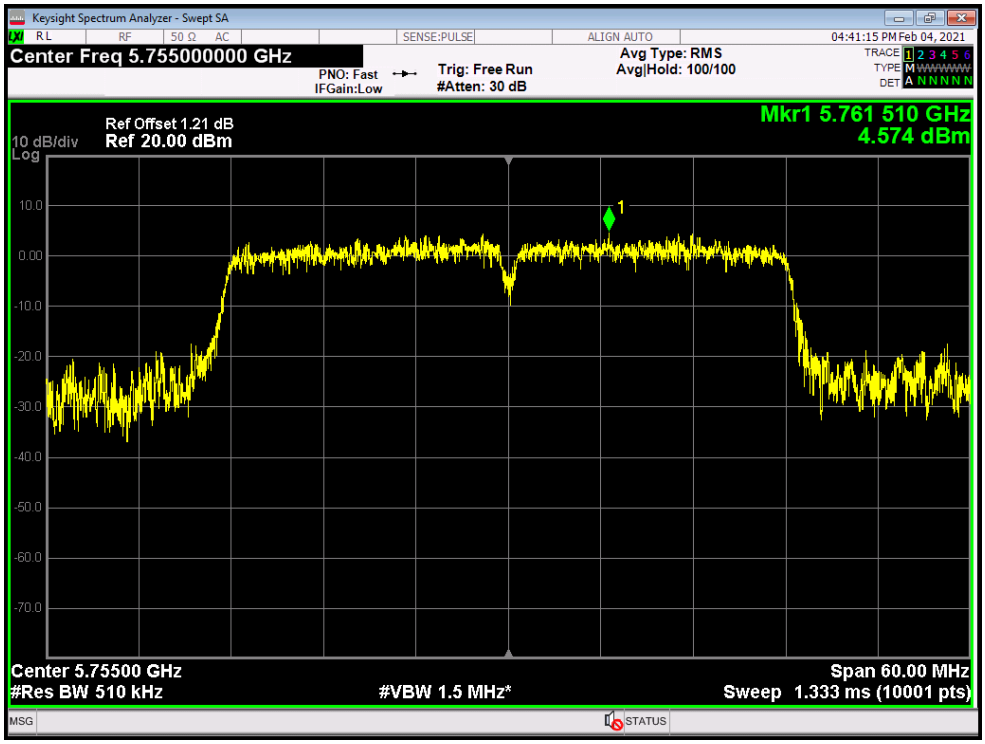
PSD NVNT ac20 5785MHz Ant2



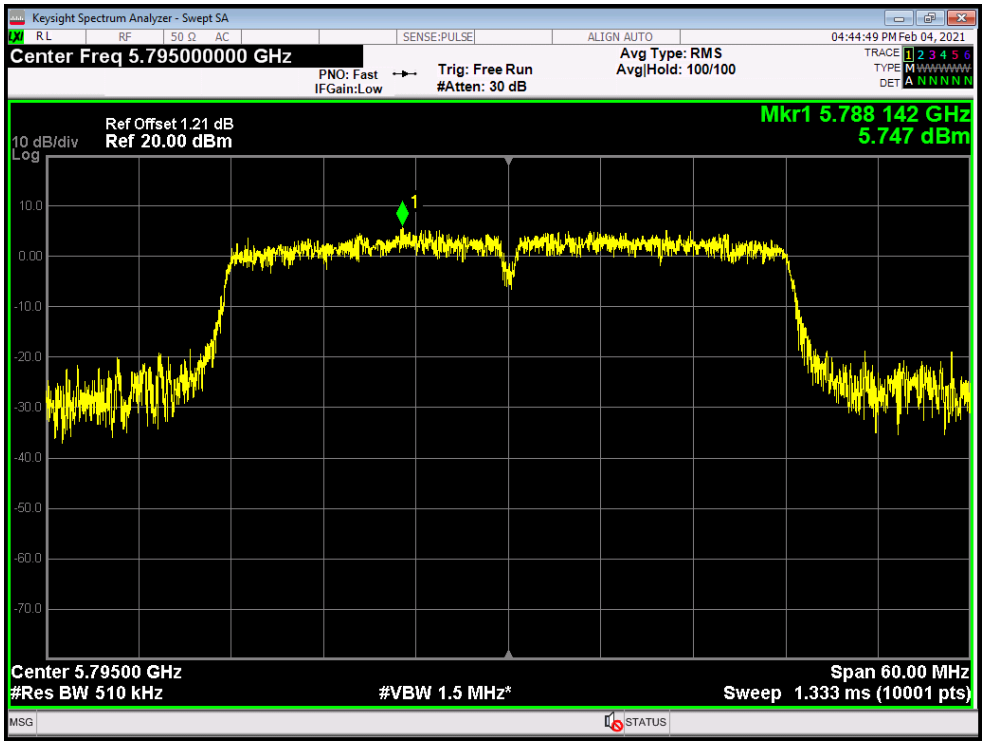
PSD NVNT ac20 5825MHz Ant2



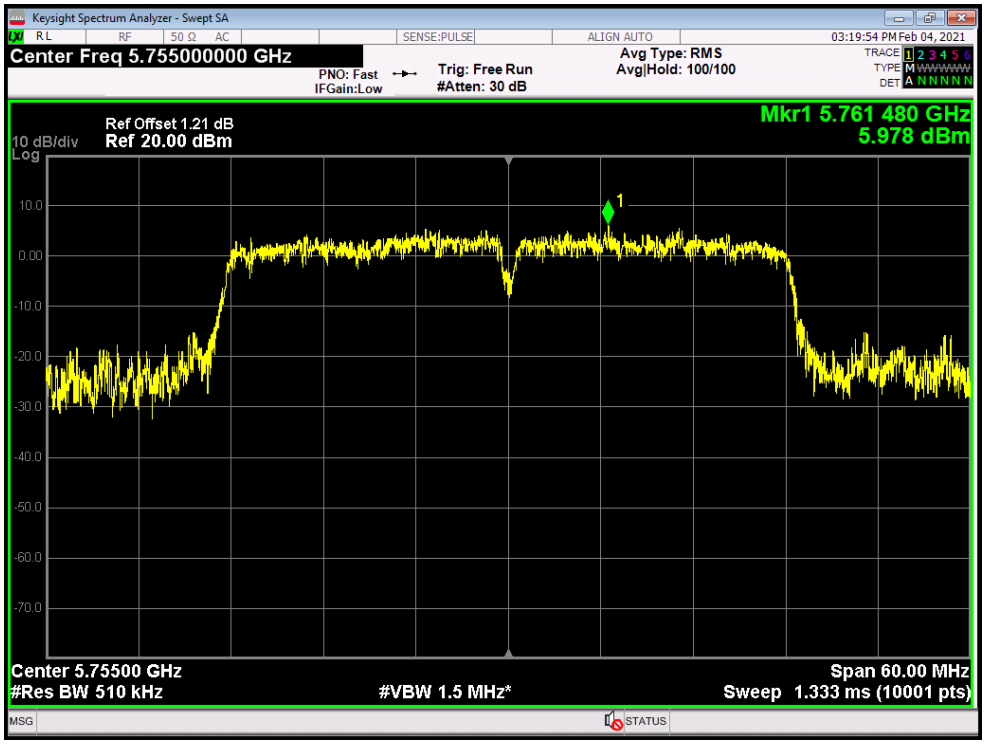
PSD NVNT ac40 5755MHz Ant1



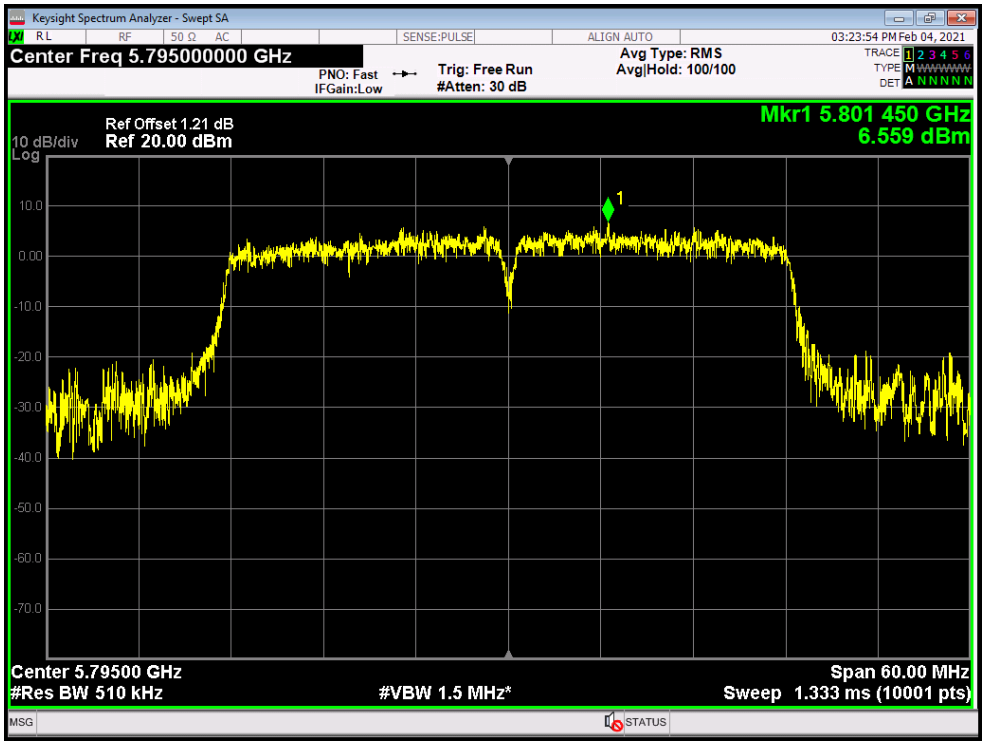
PSD NVNT ac40 5795MHz Ant1



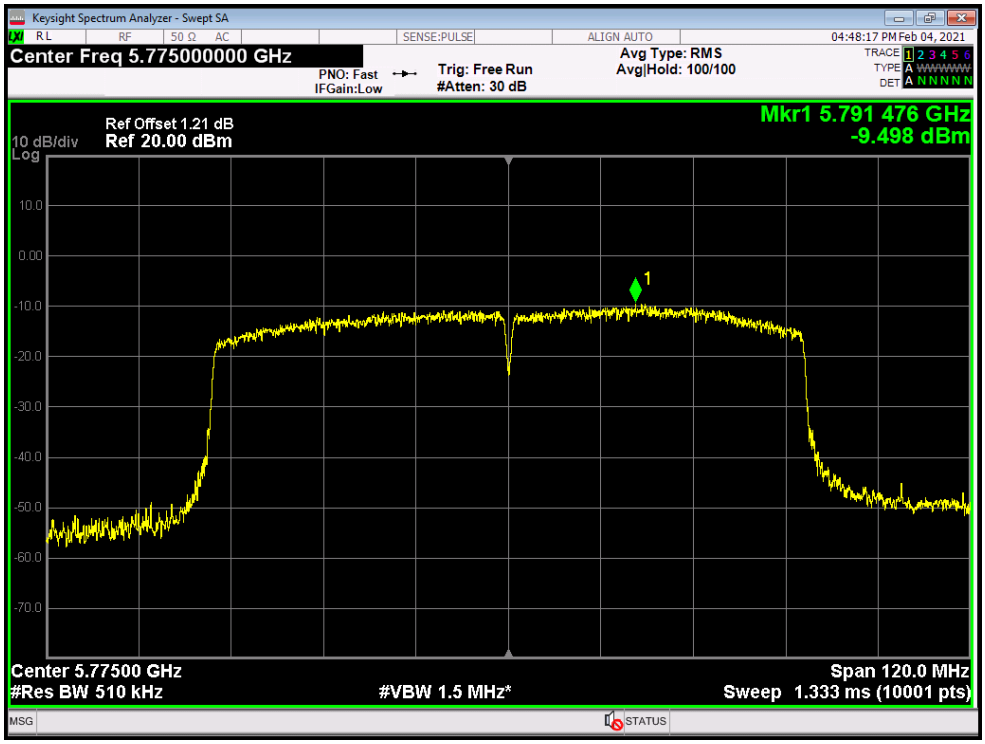
PSD NVNT ac40 5755MHz Ant2



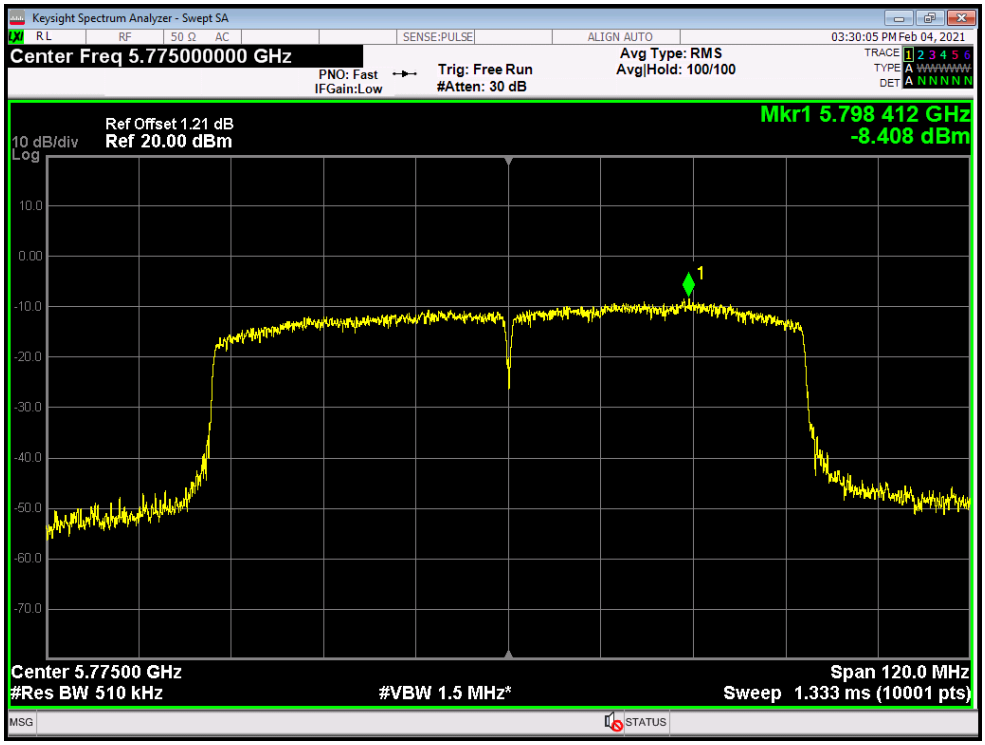
PSD NVNT ac40 5795MHz Ant2



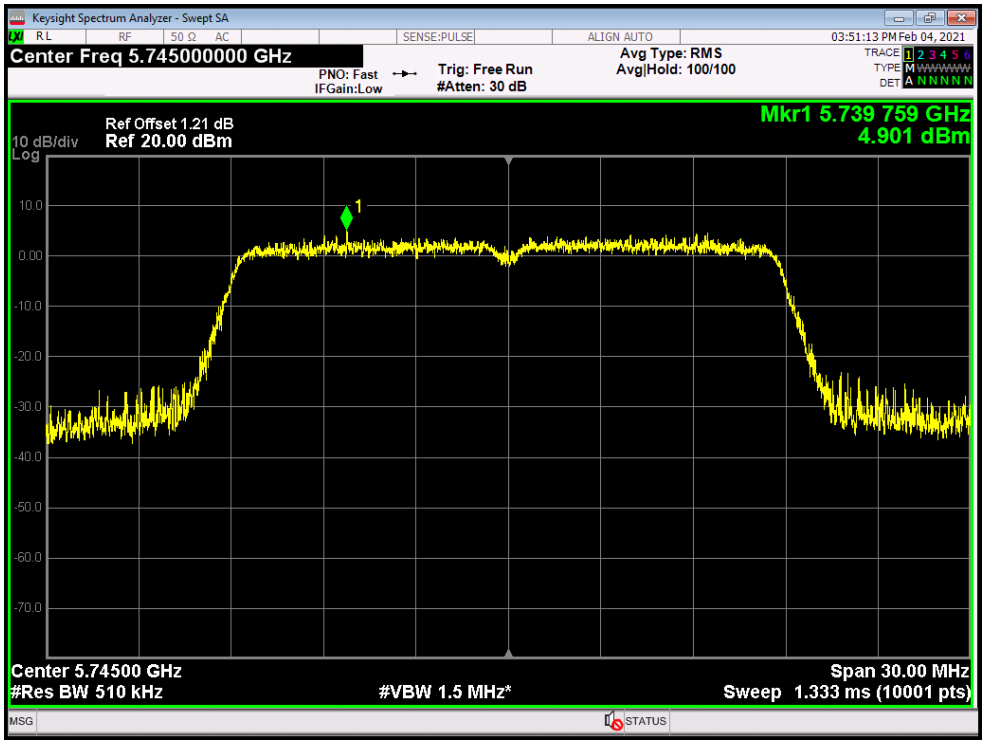
PSD NVNT ac80 5775MHz Ant1



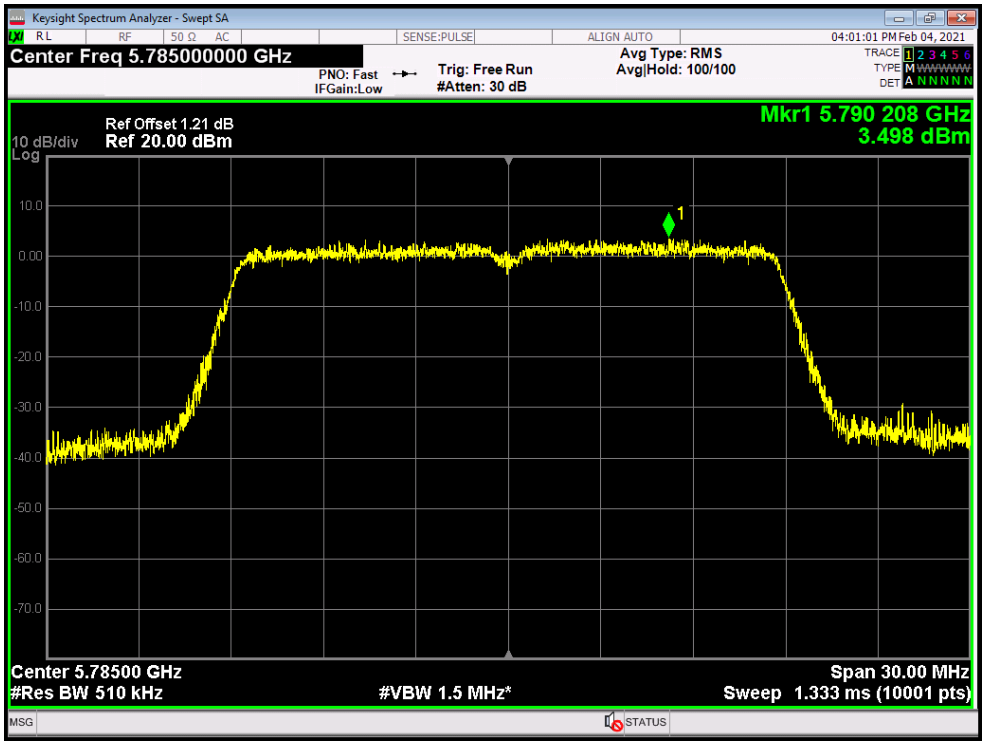
PSD NVNT ac80 5775MHz Ant2



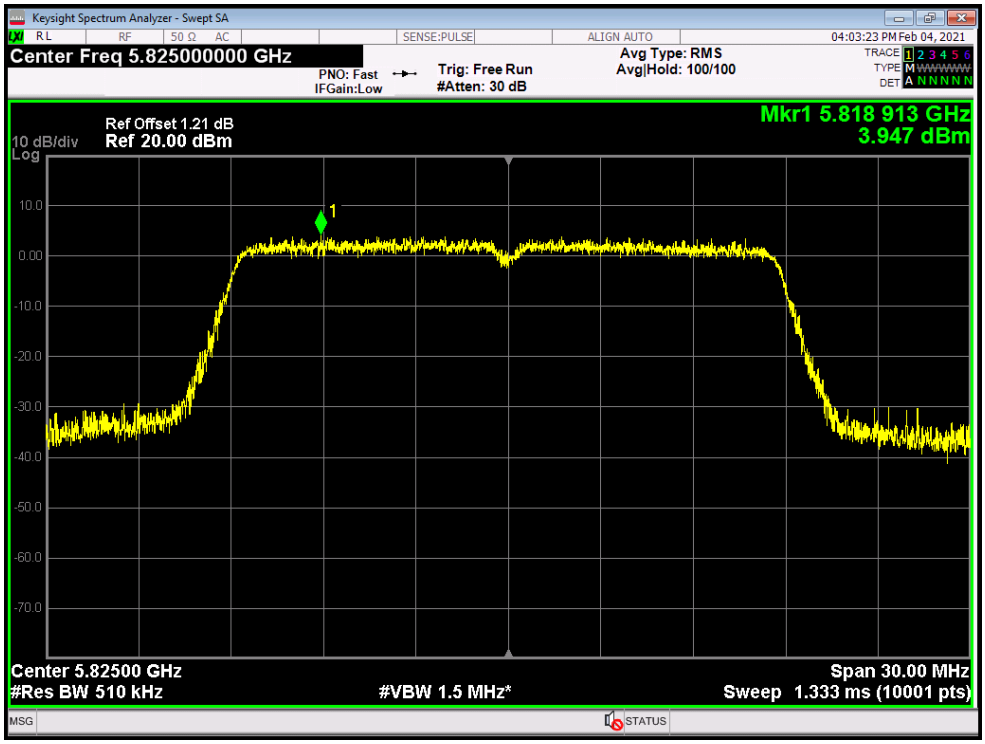
PSD NVNT n20 5745MHz Ant1



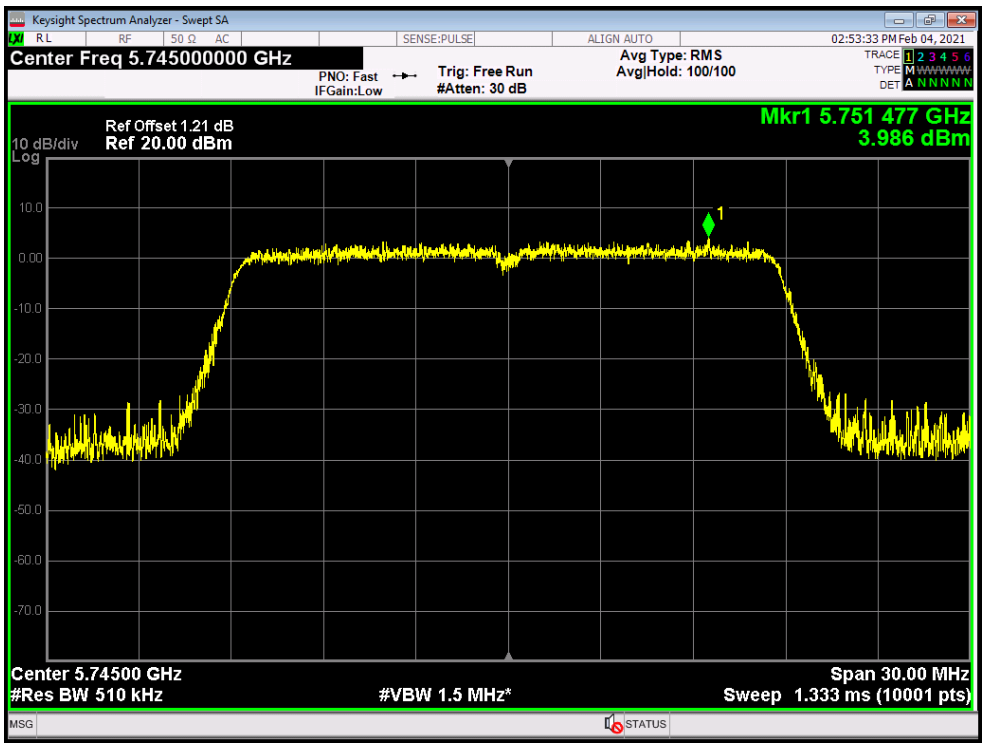
PSD NVNT n20 5785MHz Ant1



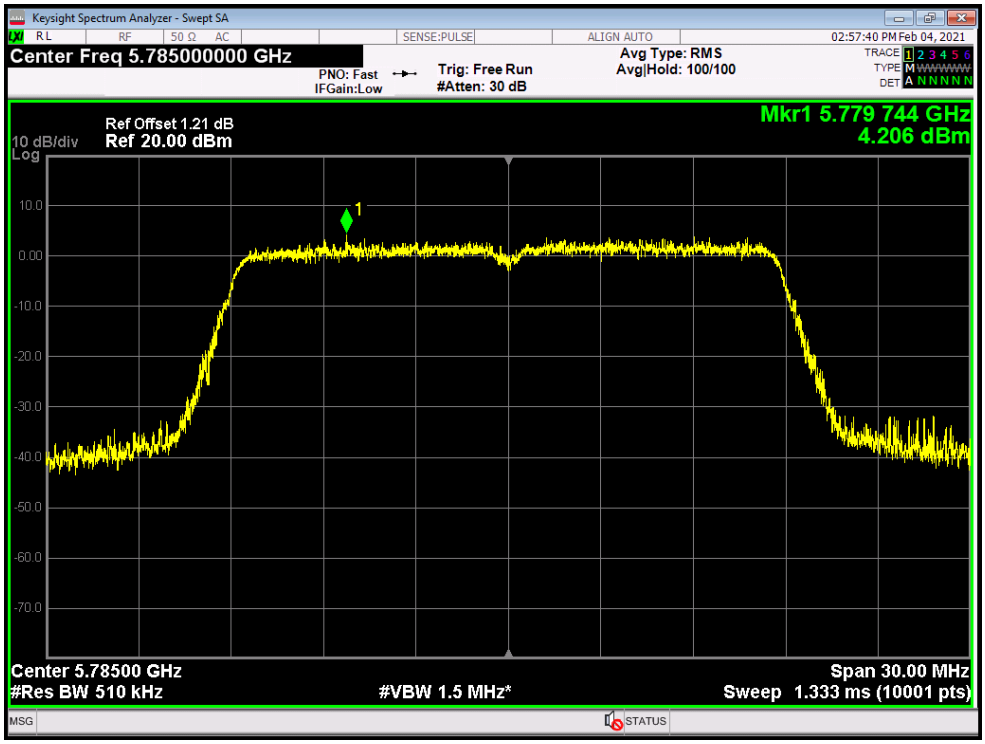
PSD NVNT n20 5825MHz Ant1



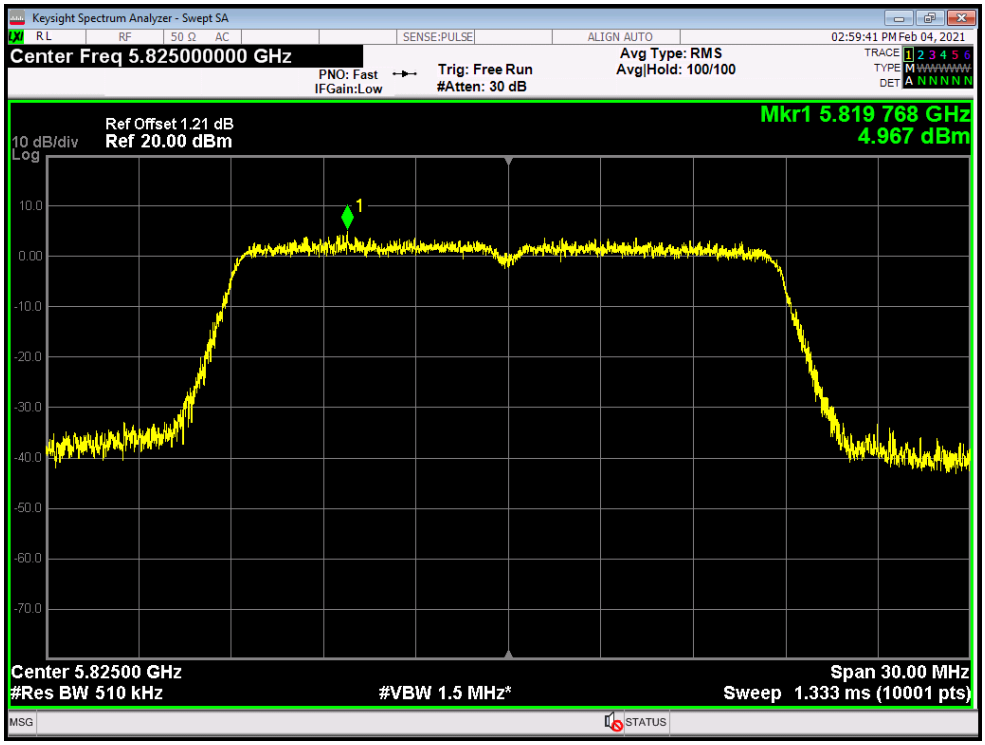
PSD NVNT n20 5745MHz Ant2



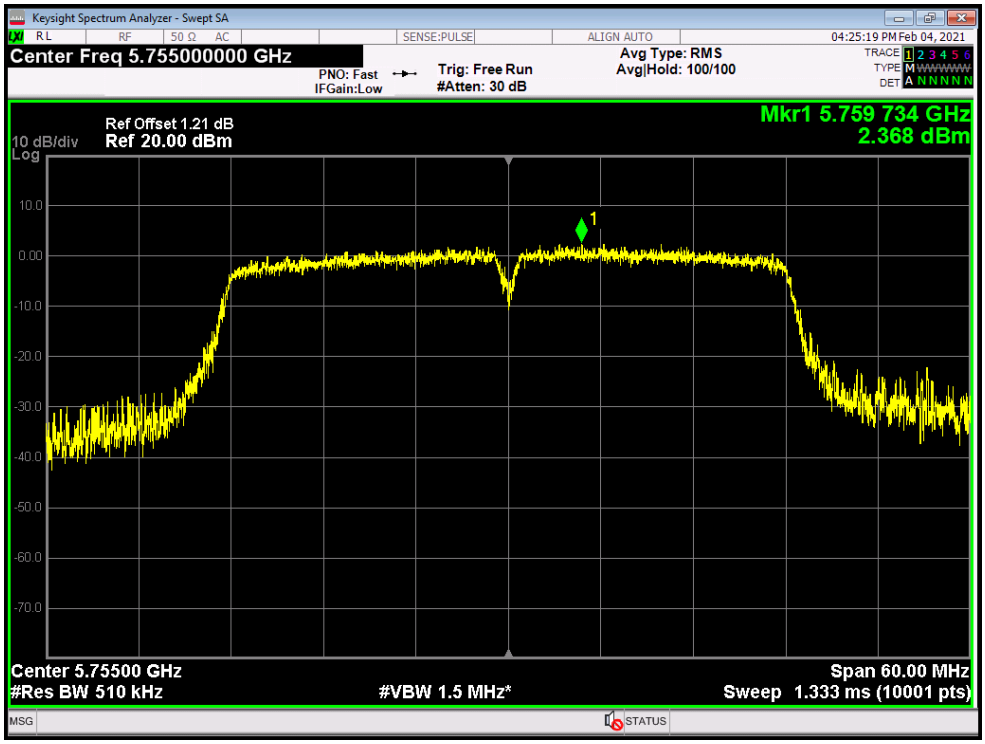
PSD NVNT n20 5785MHz Ant2



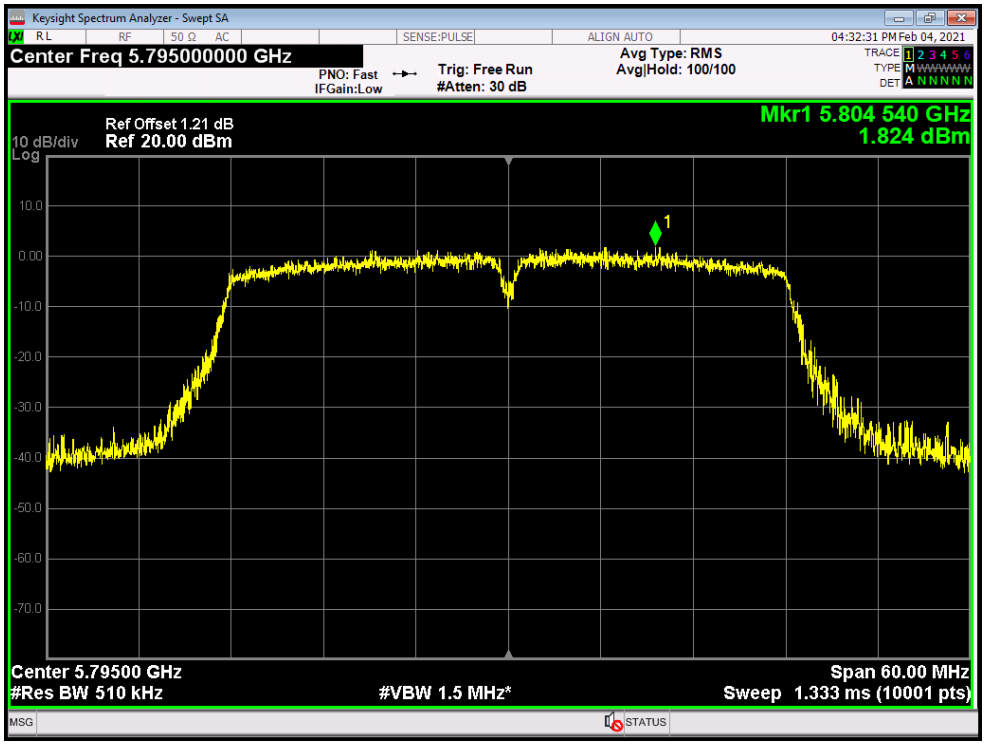
PSD NVNT n20 5825MHz Ant2



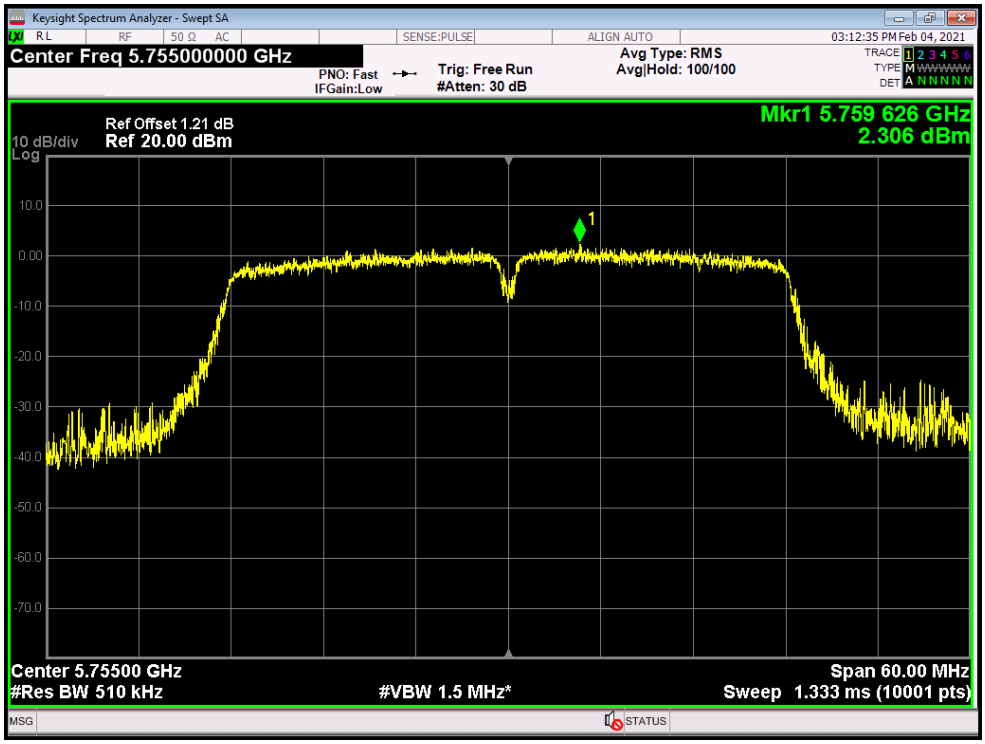
PSD NVNT n40 5755MHz Ant1



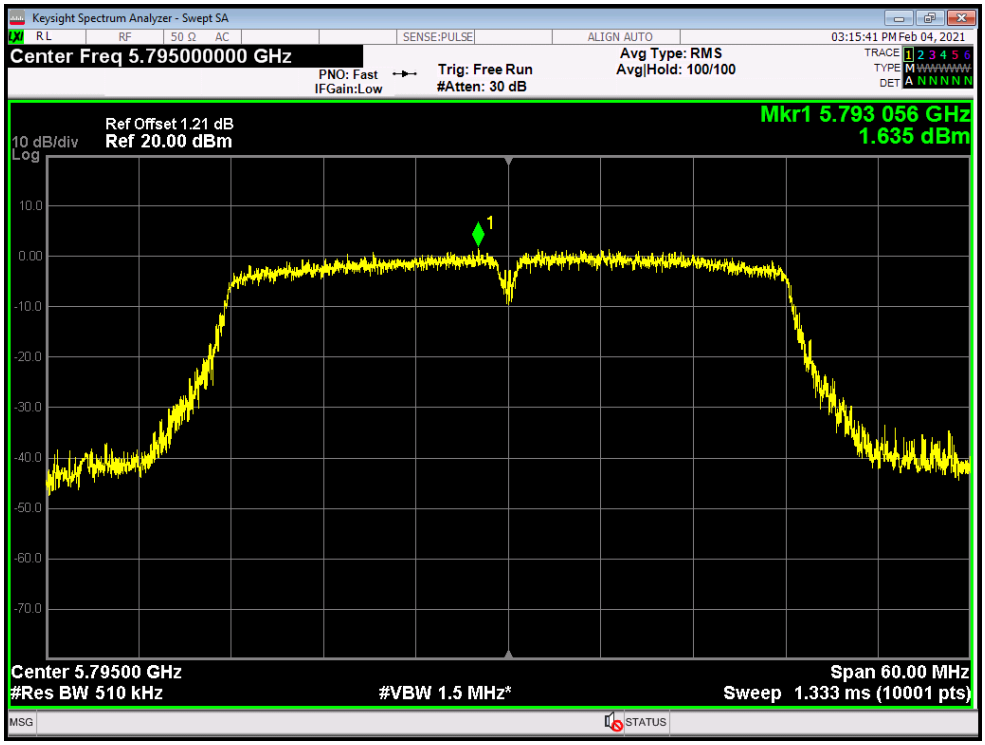
PSD NVNT n40 5795MHz Ant1



PSD NVNT n40 5755MHz Ant2



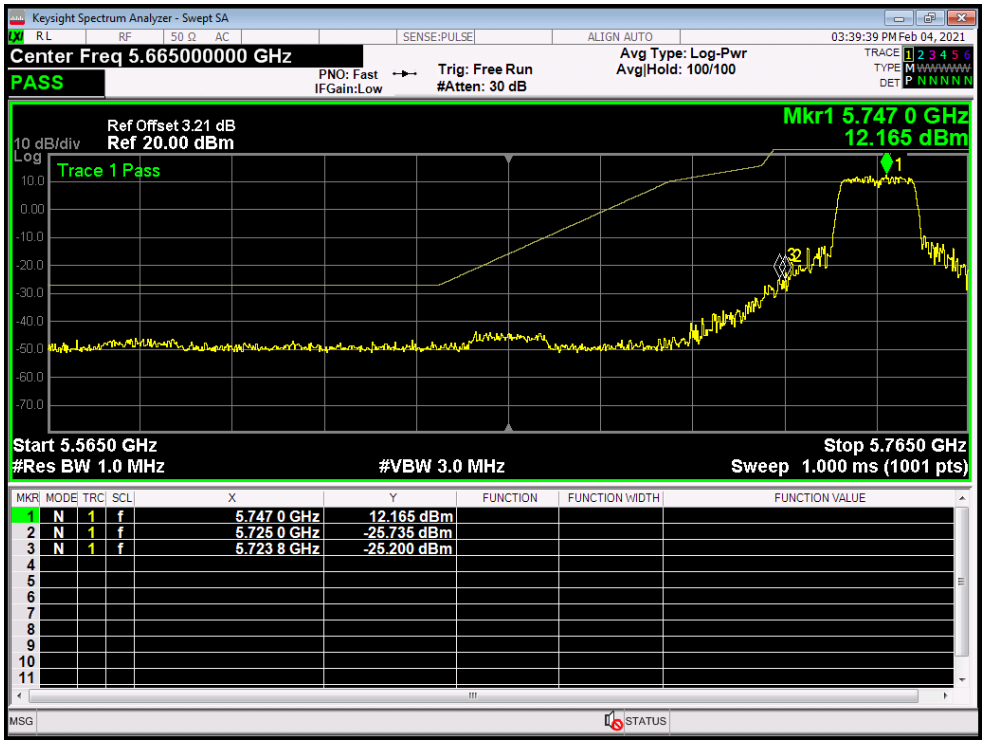
PSD NVNT n40 5795MHz Ant2



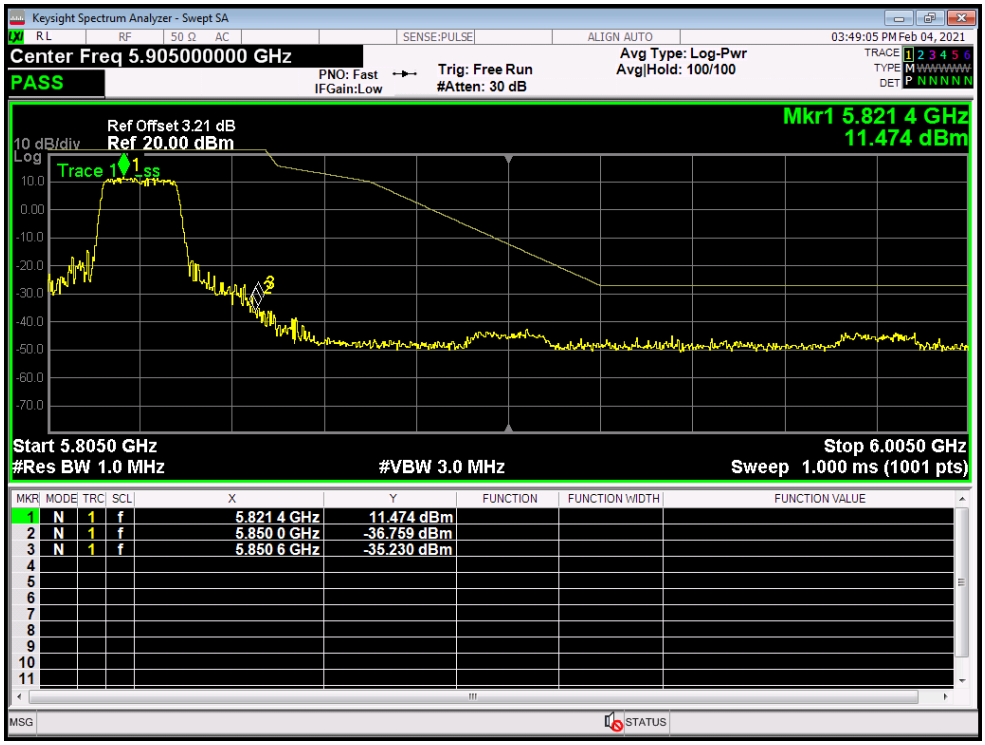
Band Edge

Condition	Mode	Frequency (MHz)	Antenna	Max Value (dBm)	Verdict
NVNT	a	5745	Ant1	-25.19	Pass
NVNT	a	5825	Ant1	-35.23	Pass
NVNT	a	5745	Ant2	-24.06	Pass
NVNT	a	5825	Ant2	-35.03	Pass
NVNT	ac20	5745	Ant1	-21.33	Pass
NVNT	ac20	5825	Ant1	-29.93	Pass
NVNT	ac20	5745	Ant2	-20.36	Pass
NVNT	ac20	5825	Ant2	-34.79	Pass
NVNT	ac40	5755	Ant1	-17.95	Pass
NVNT	ac40	5795	Ant1	-29.34	Pass
NVNT	ac40	5755	Ant2	-13.18	Pass
NVNT	ac40	5795	Ant2	-30.62	Pass
NVNT	ac80	5775	Ant1	-28.99	Pass
NVNT	ac80	5775	Ant2	-26.99	Pass
NVNT	n20	5745	Ant1	-28.16	Pass
NVNT	n20	5825	Ant1	-40.14	Pass
NVNT	n20	5745	Ant2	-29.59	Pass
NVNT	n20	5825	Ant2	-40.05	Pass
NVNT	n40	5755	Ant1	-21.52	Pass
NVNT	n40	5795	Ant1	-37.43	Pass
NVNT	n40	5755	Ant2	-24.91	Pass
NVNT	n40	5795	Ant2	-39.19	Pass

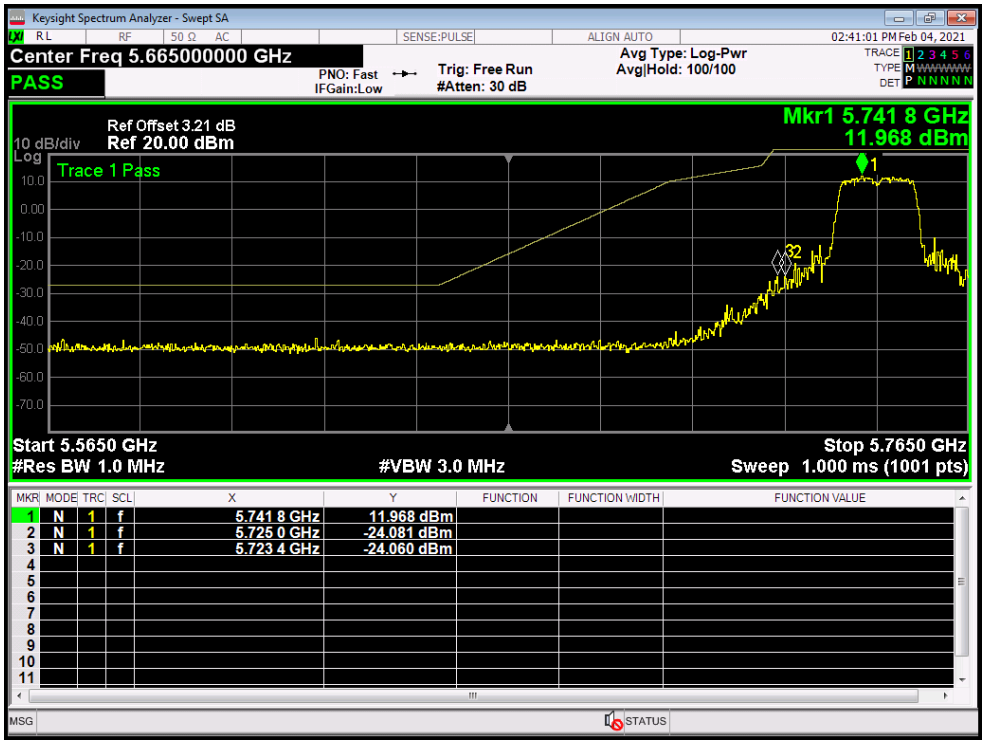
Band Edge NVNT a 5745MHz Low Ant1



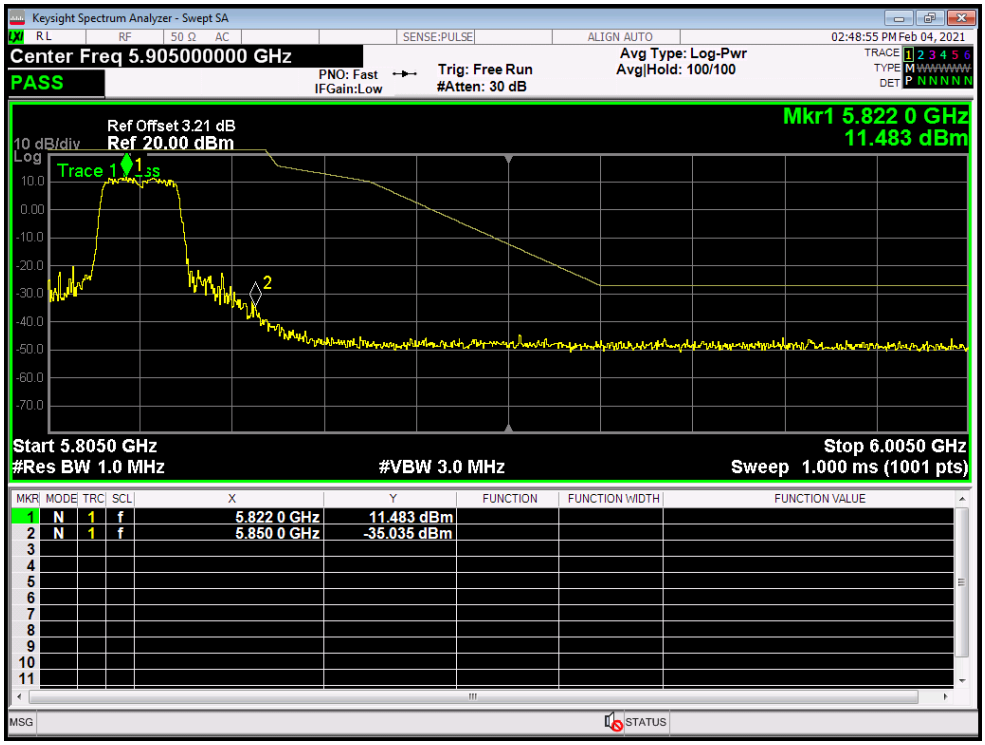
Band Edge NVNT a 5825MHz High Ant1



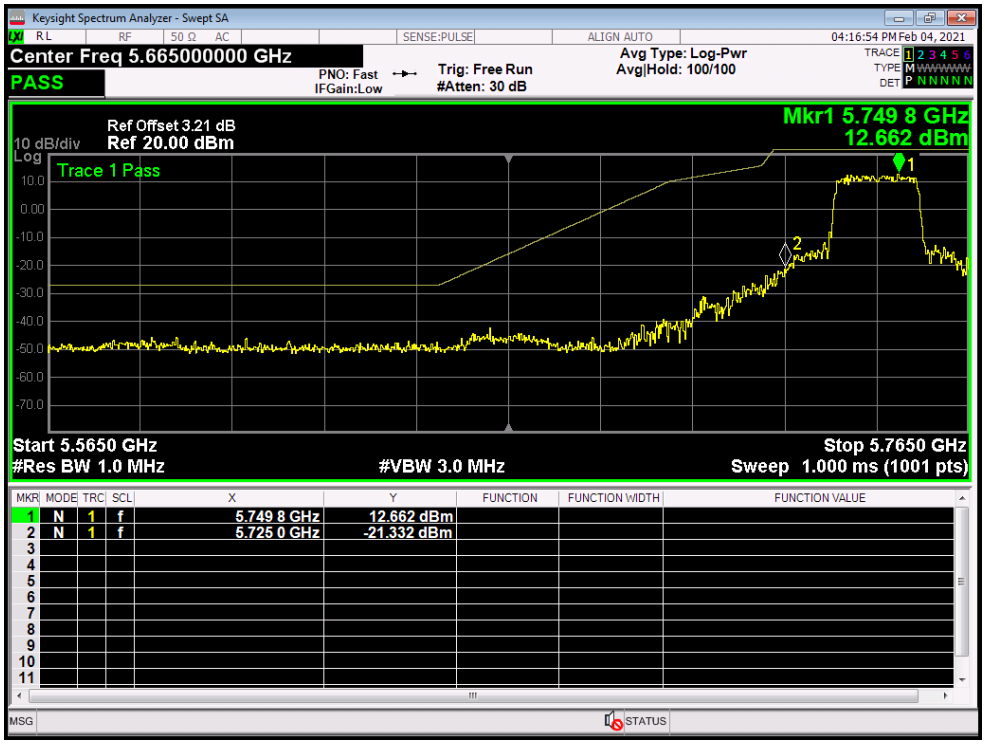
Band Edge NVNT a 5745MHz Low Ant2



Band Edge NVNT a 5825MHz High Ant2

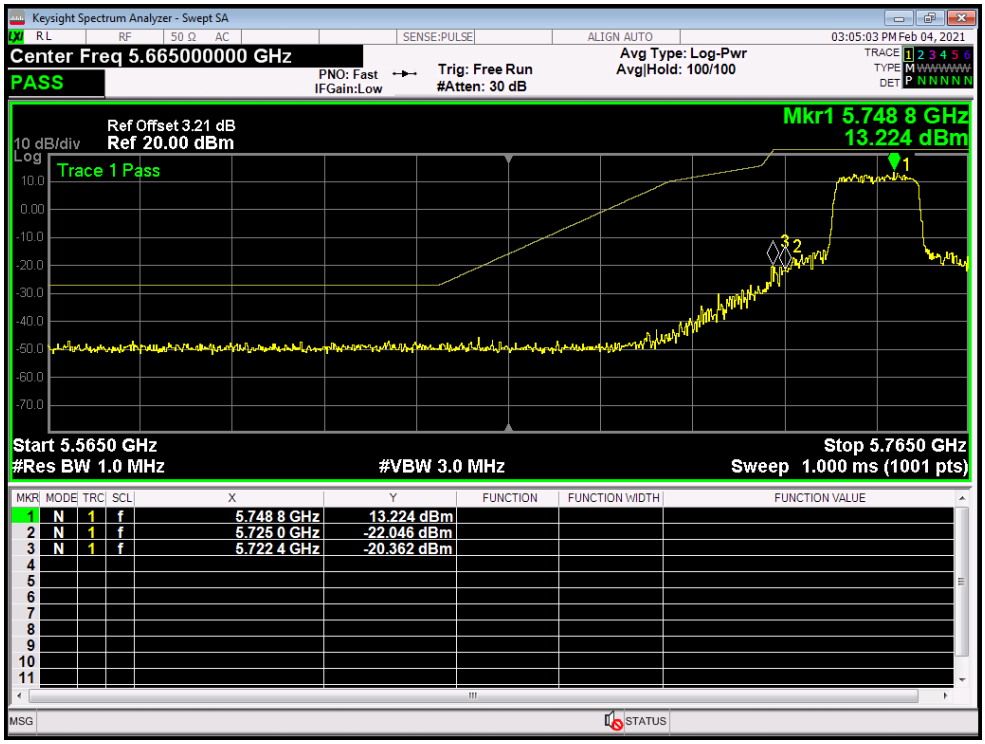


Band Edge NVNT ac20 5745MHz Low Ant1

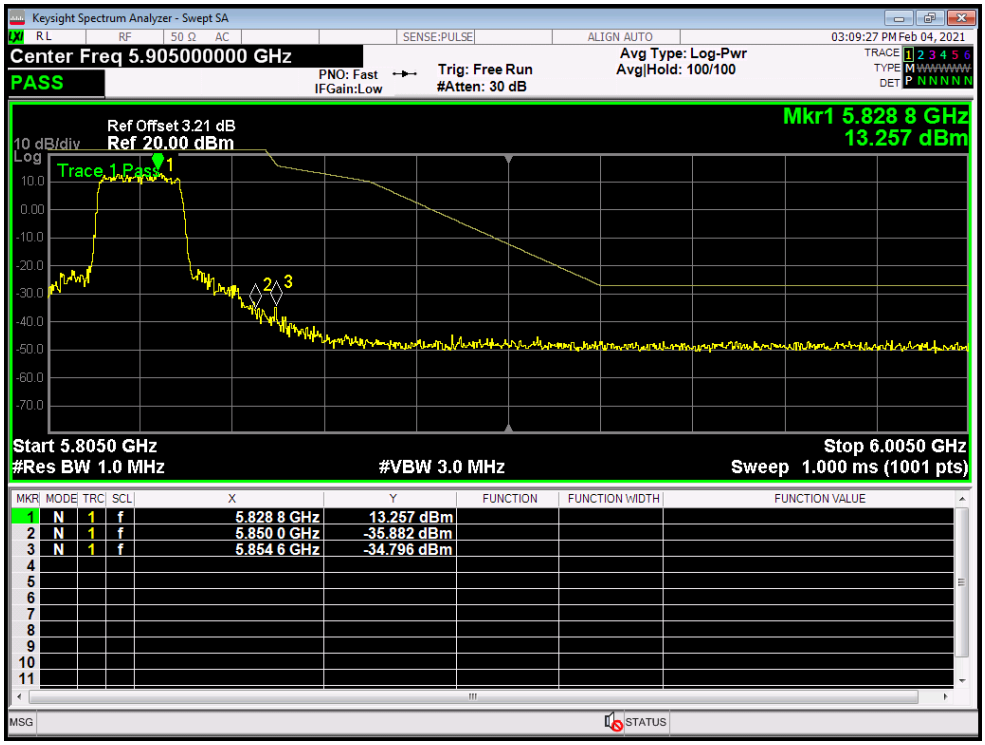


Band Edge NVNT ac20 5825MHz High Ant1

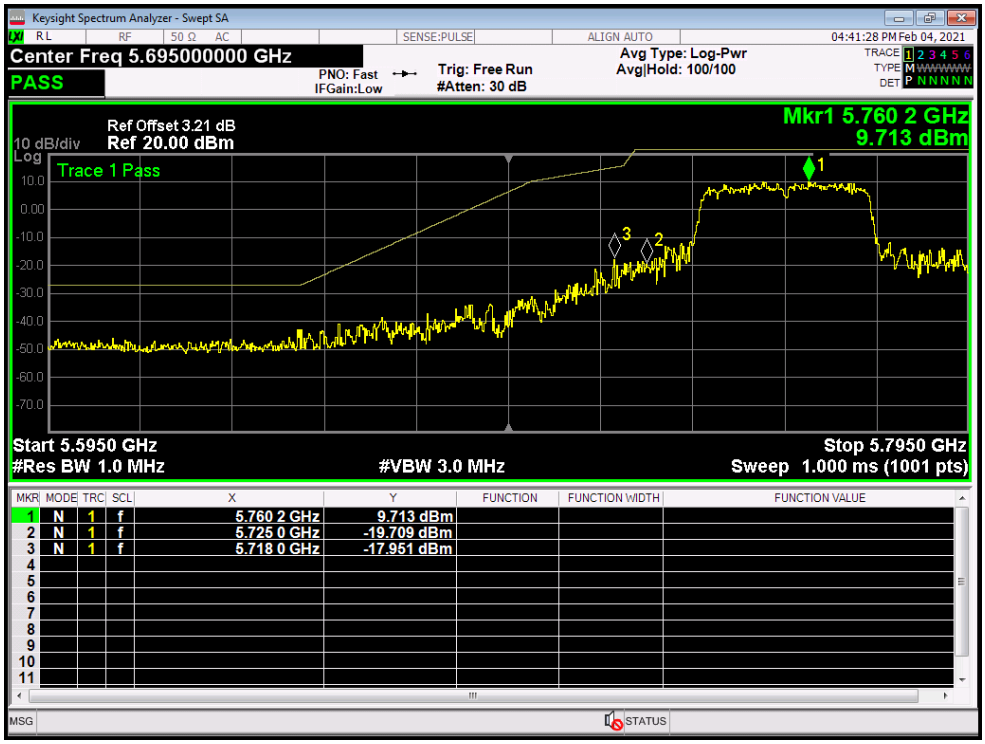
Band Edge NVNT ac20 5745MHz Low Ant2



Band Edge NVNT ac20 5825MHz High Ant2

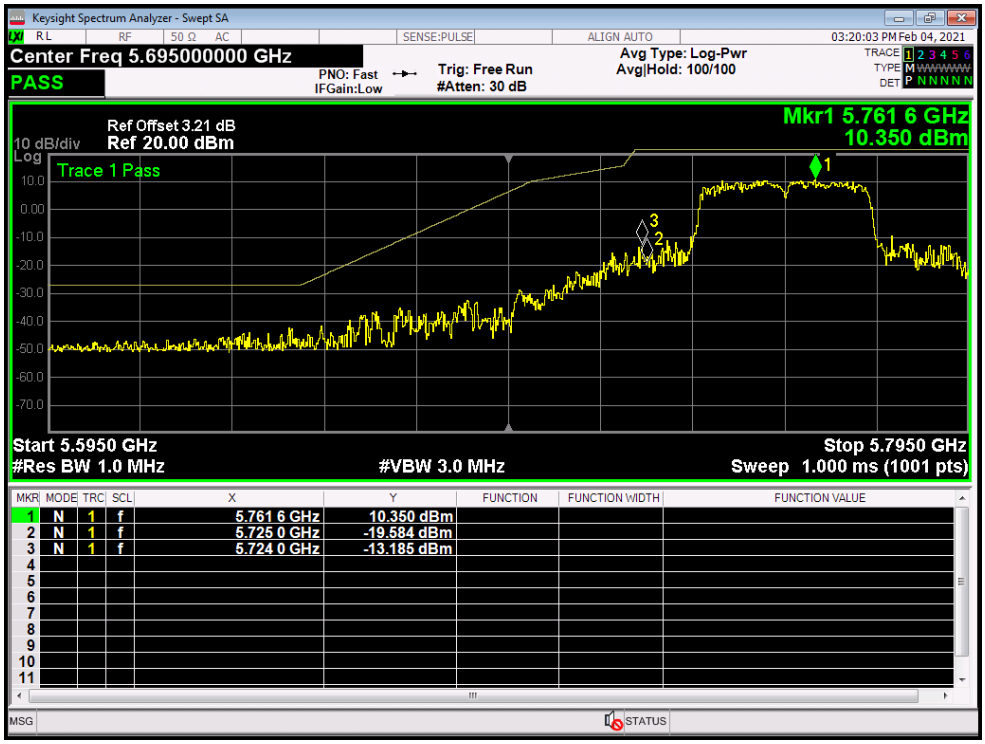


Band Edge NVNT ac40 5755MHz Low Ant1



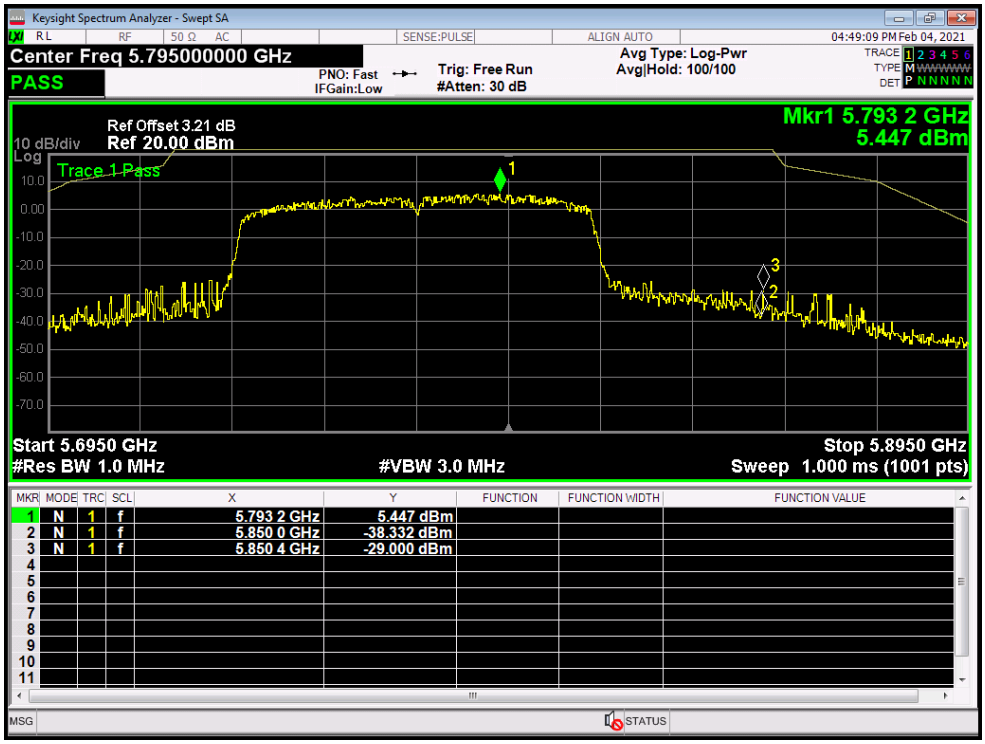
Band Edge NVNT ac40 5795MHz High Ant1

Band Edge NVNT ac40 5755MHz Low Ant2

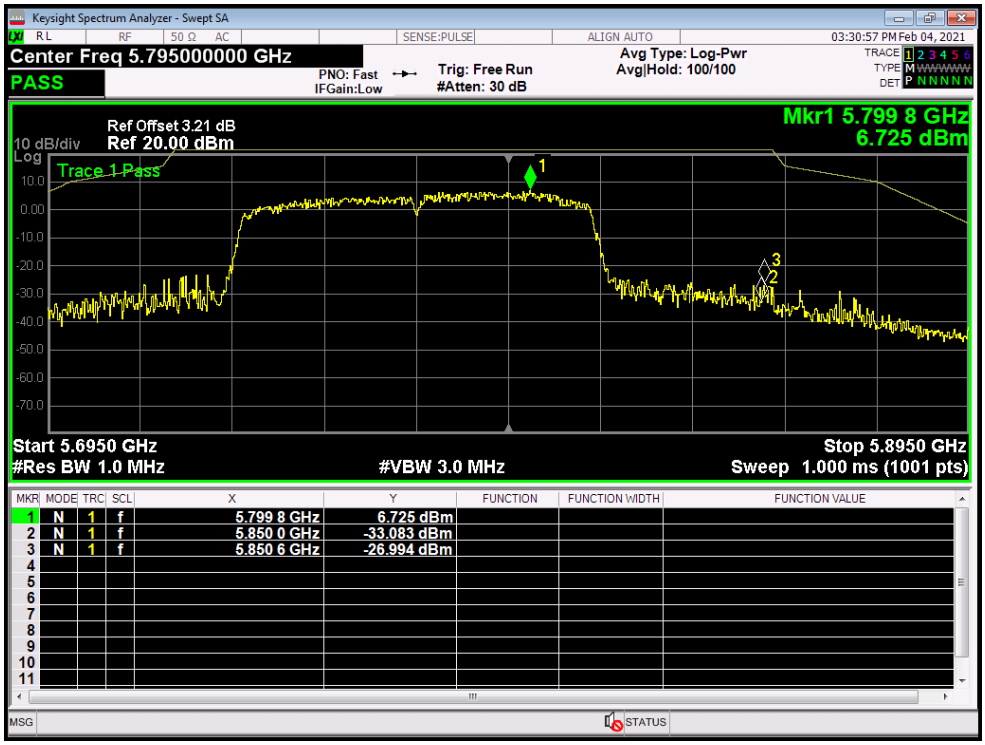


Band Edge NVNT ac40 5795MHz High Ant2

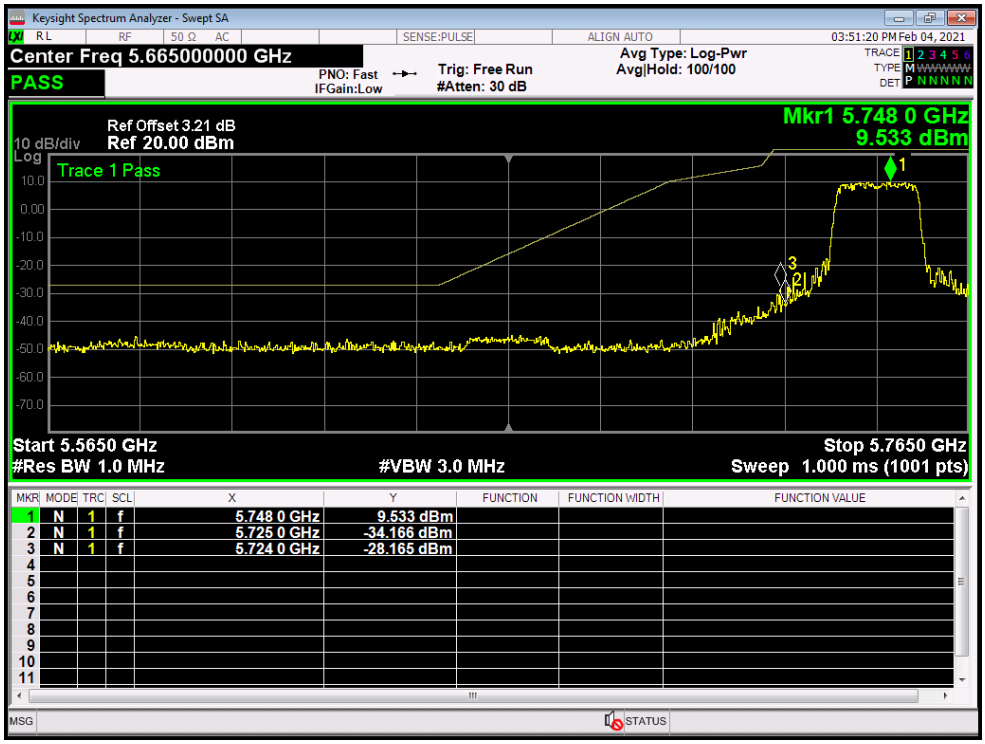
Band Edge NVNT ac80 5775MHz High Ant1



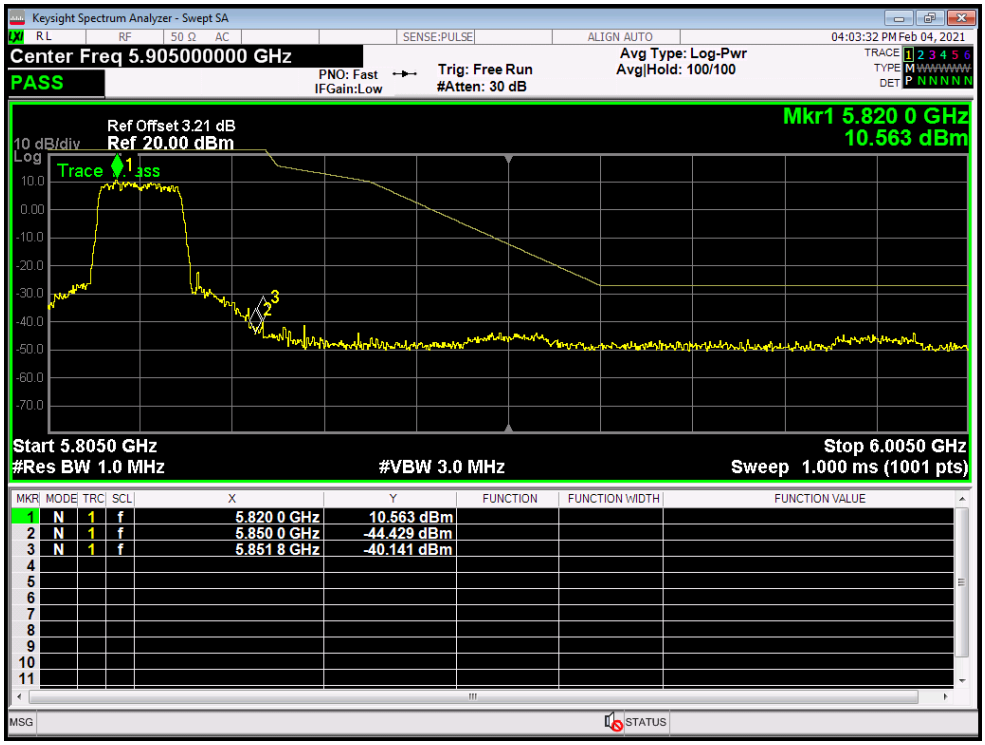
Band Edge NVNT ac80 5775MHz High Ant2



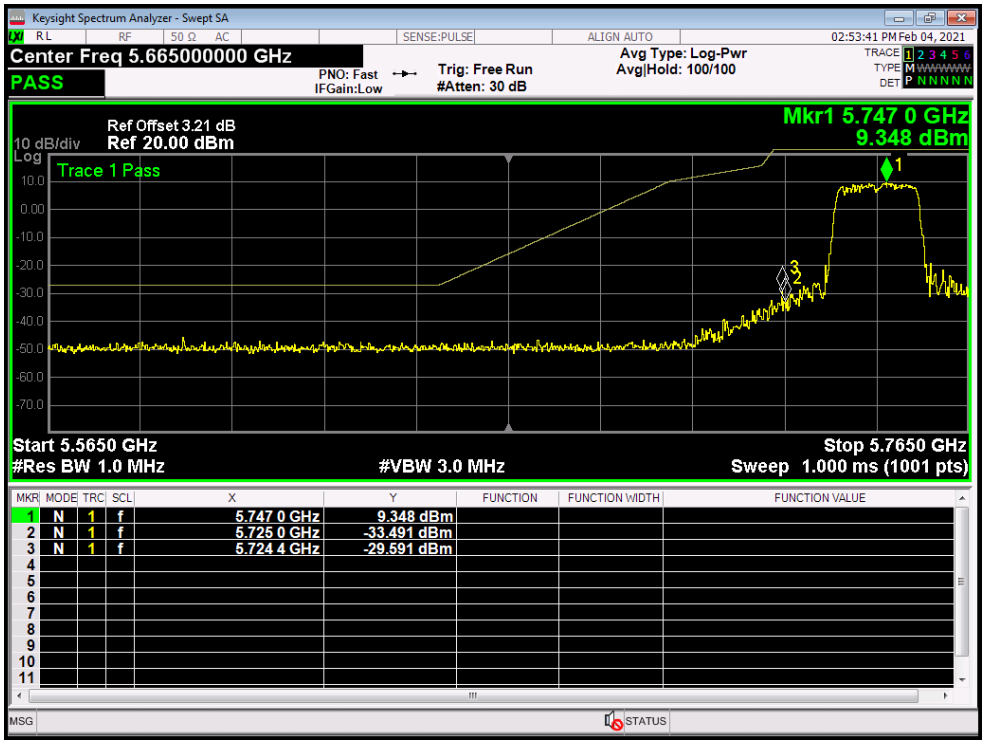
Band Edge NVNT n20 5745MHz Low Ant1



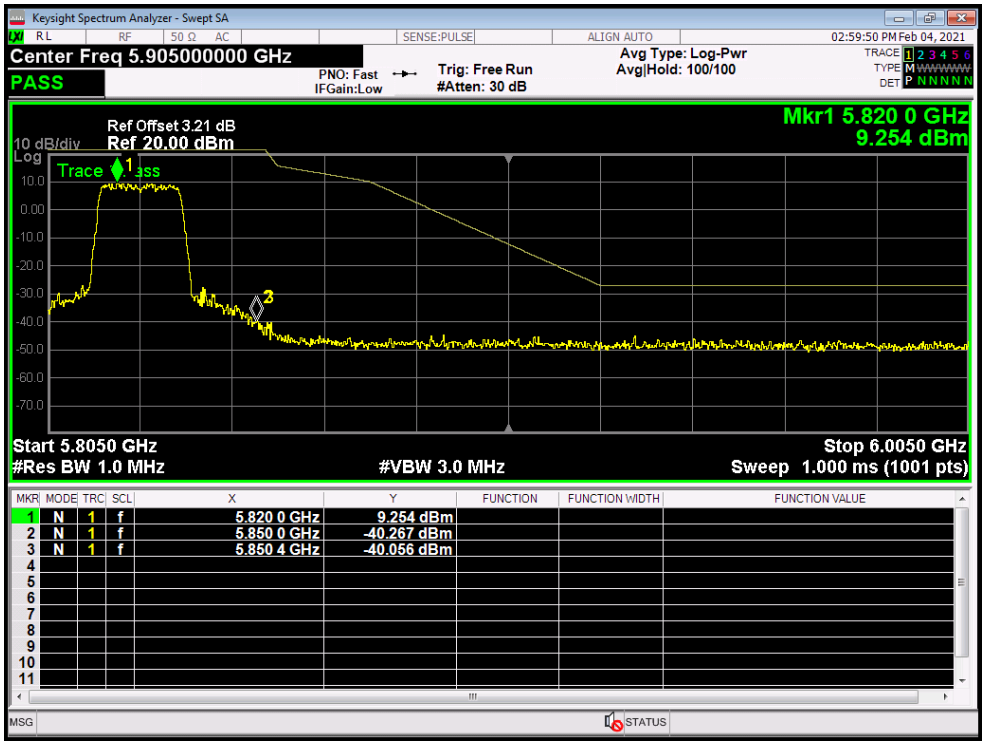
Band Edge NVNT n20 5825MHz High Ant1



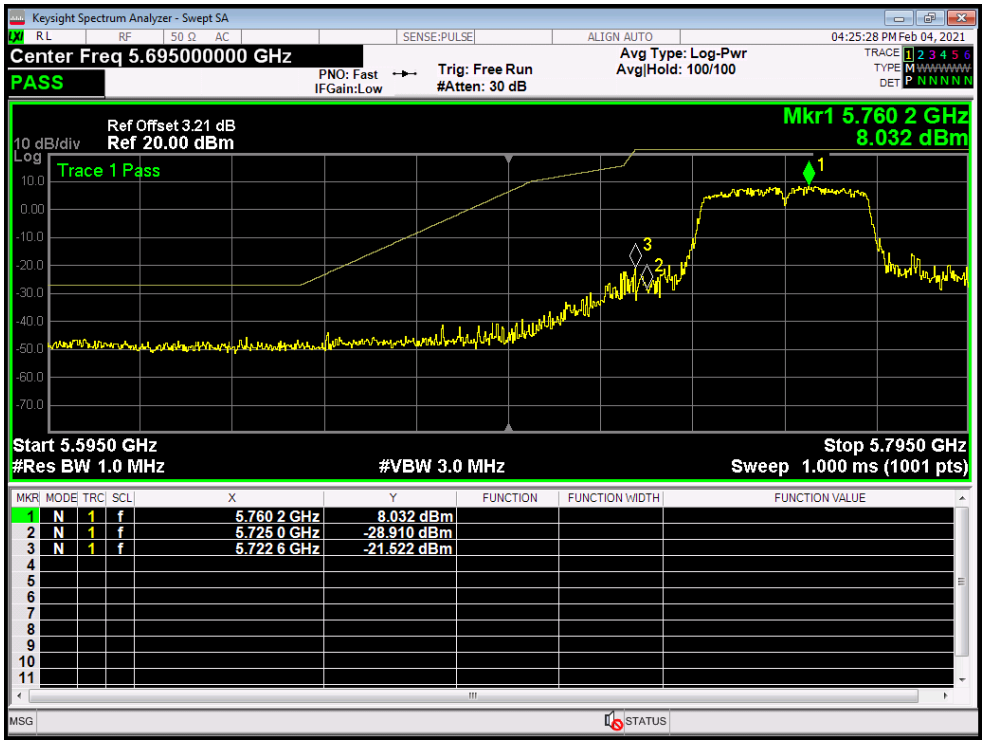
Band Edge NVNT n20 5745MHz Low Ant2



Band Edge NVNT n20 5825MHz High Ant2

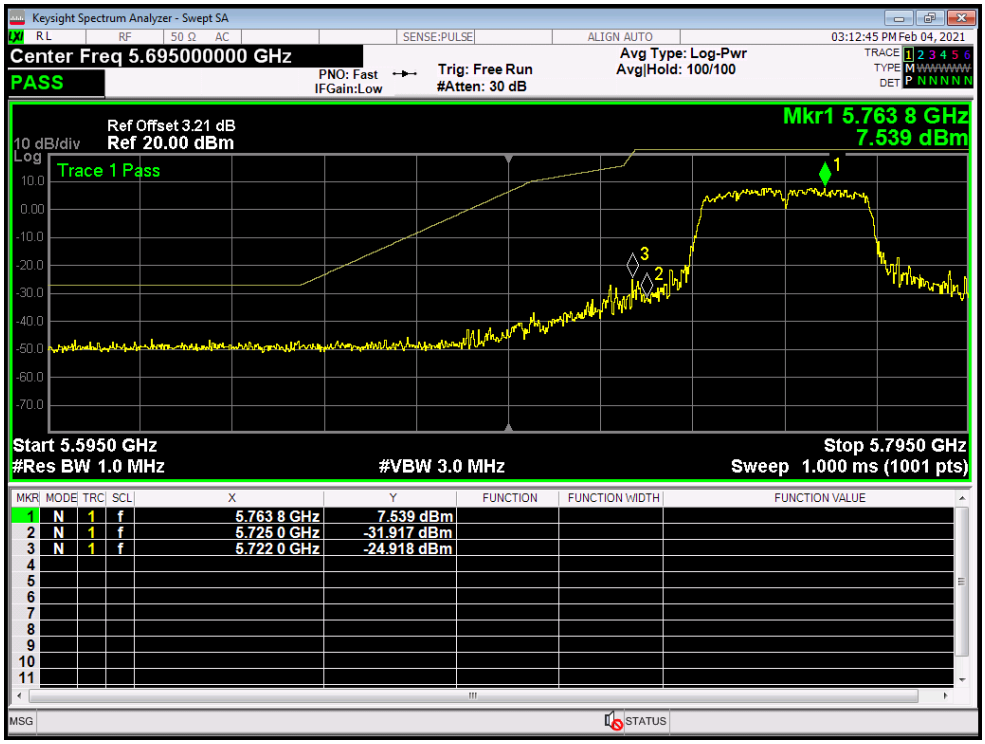


Band Edge NVNT n40 5755MHz Low Ant1

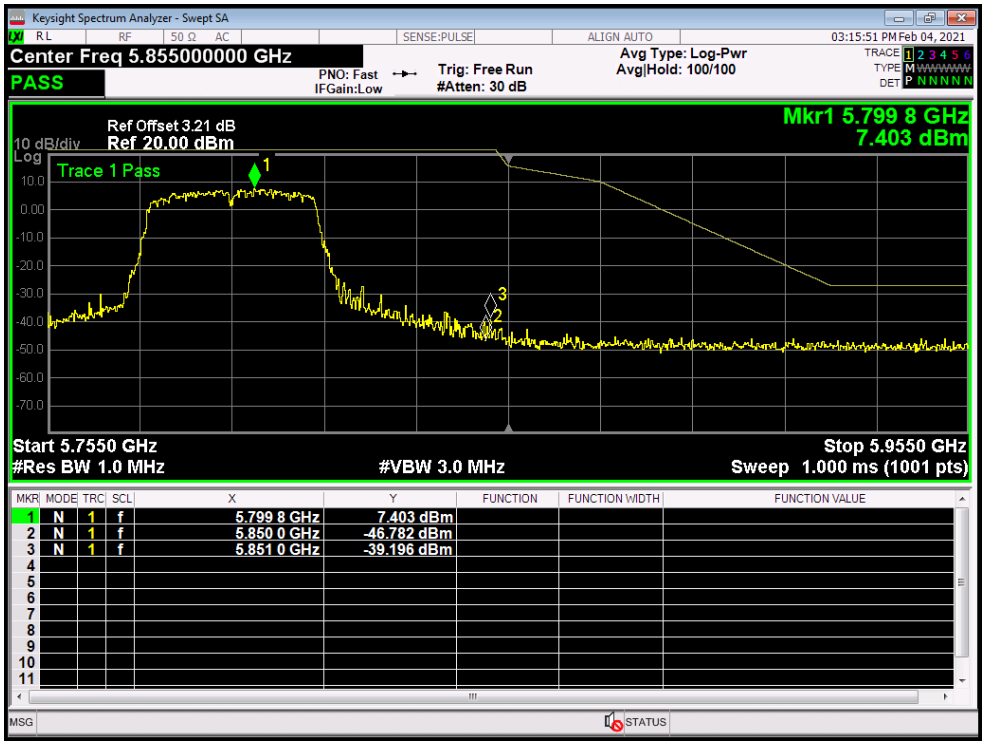


Band Edge NVNT n40 5795MHz High Ant1

Band Edge NVNT n40 5755MHz Low Ant2



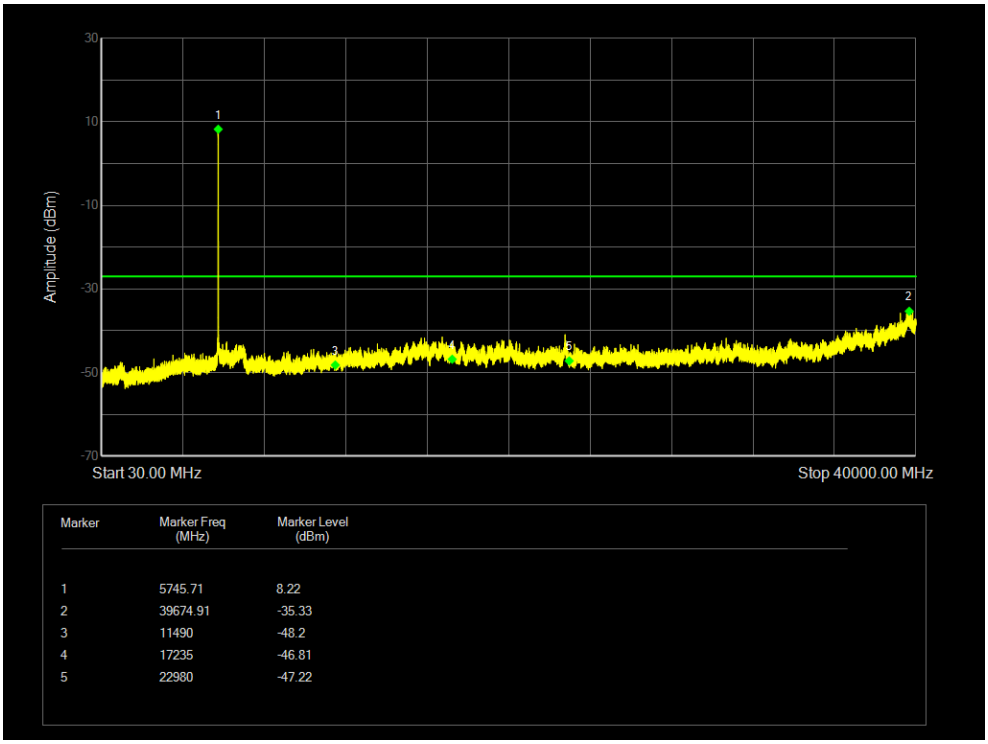
Band Edge NVNT n40 5795MHz High Ant2



Conducted RF Spurious Emission

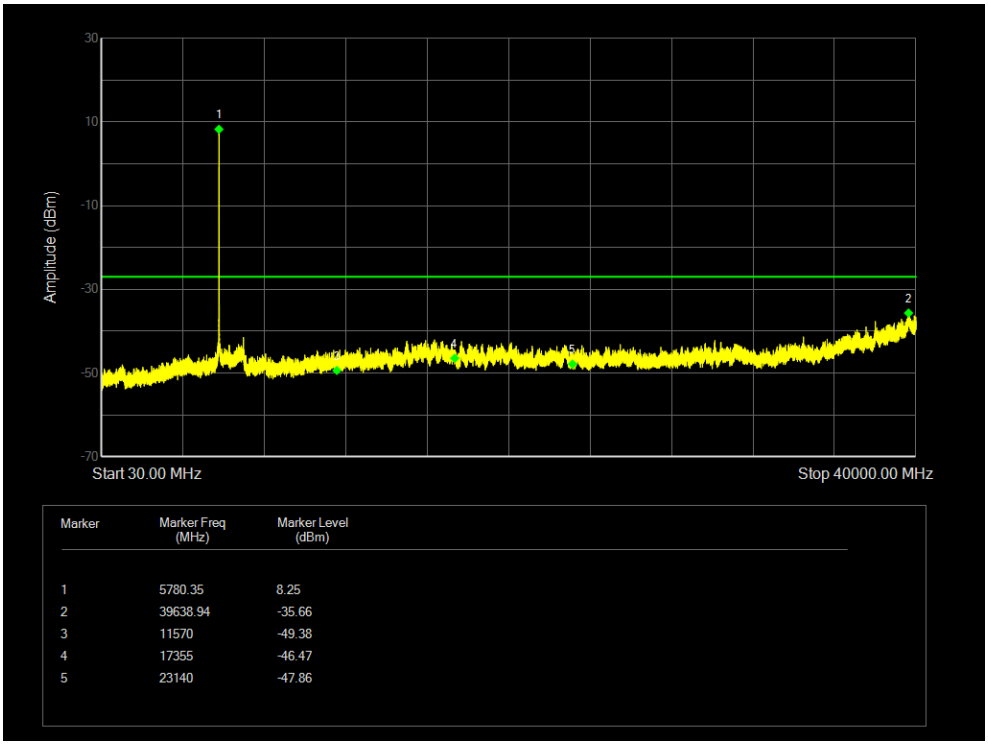
Condition	Mode	Frequency (MHz)	Antenna	Max Value (dBc)	Limit (dBc)	Verdict
NVNT	802.11a	5745	Ant 1	-35.33	-27	Pass
NVNT	802.11a	5785	Ant 1	-35.66	-27	Pass
NVNT	802.11a	5825	Ant 1	-35.73	-27	Pass
NVNT	802.11a	5745	Ant 2	-29.31	-27	Pass
NVNT	802.11a	5785	Ant 2	-33.42	-27	Pass
NVNT	802.11a	5825	Ant 2	-33.01	-27	Pass
NVNT	802.11ac20	5745	Ant 1	-35.24	-27	Pass
NVNT	802.11ac20	5785	Ant 1	-35.38	-27	Pass
NVNT	802.11ac20	5825	Ant 1	-35.48	-27	Pass
NVNT	802.11ac20	5745	Ant 2	-33.46	-27	Pass
NVNT	802.11ac20	5785	Ant 2	-33.52	-27	Pass
NVNT	802.11ac20	5825	Ant 2	-33.35	-27	Pass
NVNT	802.11ac40	5755	Ant 1	-35.44	-27	Pass
NVNT	802.11ac40	5795	Ant 1	-35.1	-27	Pass
NVNT	802.11ac40	5755	Ant 2	-33.63	-27	Pass
NVNT	802.11ac40	5795	Ant 2	-34.6	-27	Pass
NVNT	802.11ac80	5775	Ant 1	-35.92	-27	Pass
NVNT	802.11ac80	5775	Ant 2	-33.3	-27	Pass
NVNT	802.11n(HT20)	5745	Ant 1	-35.35	-27	Pass
NVNT	802.11n(HT20)	5785	Ant 1	-34.98	-27	Pass
NVNT	802.11n(HT20)	5825	Ant 1	-35.52	-27	Pass
NVNT	802.11n(HT20)	5745	Ant 2	-33.56	-27	Pass
NVNT	802.11n(HT20)	5785	Ant 2	-33.34	-27	Pass
NVNT	802.11n(HT20)	5825	Ant 2	-33.5	-27	Pass
NVNT	802.11n(HT40)	5755	Ant 1	-35.36	-27	Pass
NVNT	802.11n(HT40)	5795	Ant 1	-35.77	-27	Pass
NVNT	802.11n(HT40)	5755	Ant 2	-33.07	-27	Pass
NVNT	802.11n(HT40)	5795	Ant 2	-34.47	-27	Pass

Tx. Spurious NVNT 802.11a 5745MHz Ant 1 Emission



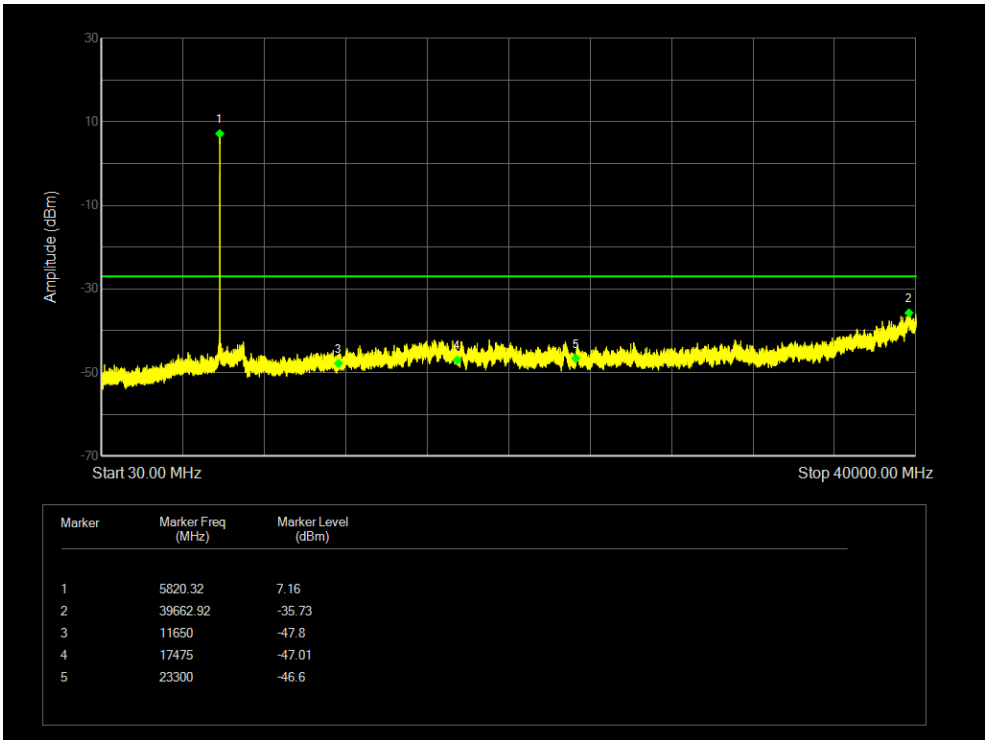
Marker	Marker Freq (MHz)	Marker Level (dBm)
1	5745.71	8.22
2	39674.91	-35.33
3	11490	-48.2
4	17235	-46.81
5	22980	-47.22

Tx. Spurious NVNT 802.11a 5785MHz Ant 1 Emission

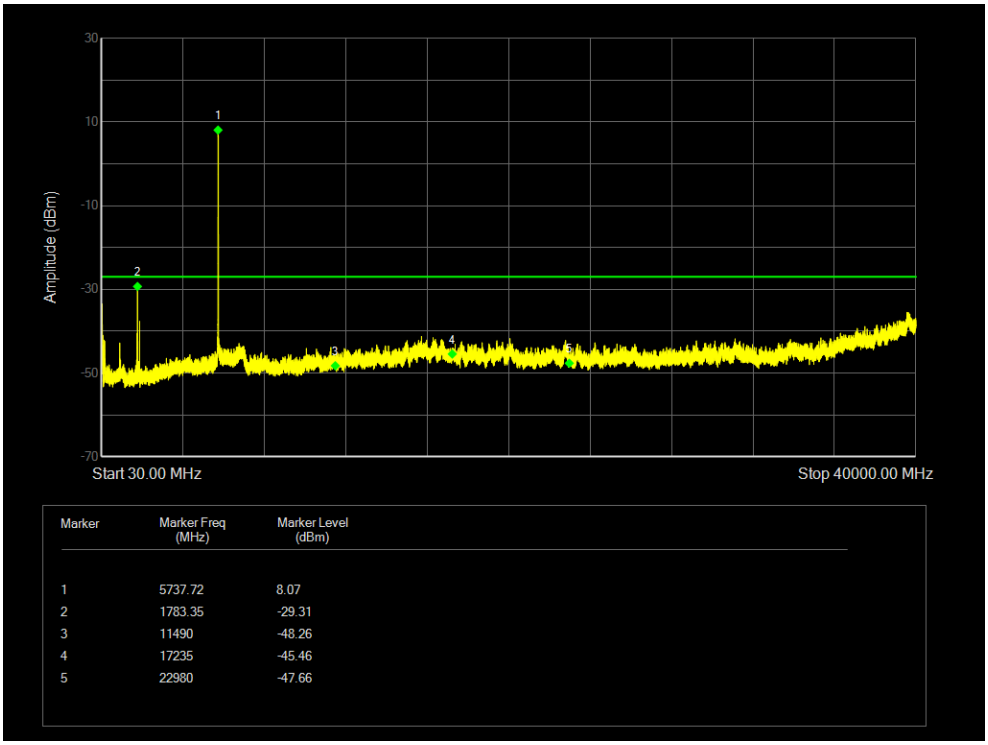


Marker	Marker Freq (MHz)	Marker Level (dBm)
1	5780.35	8.25
2	39638.94	-35.66
3	11570	-49.38
4	17355	-46.47
5	23140	-47.86

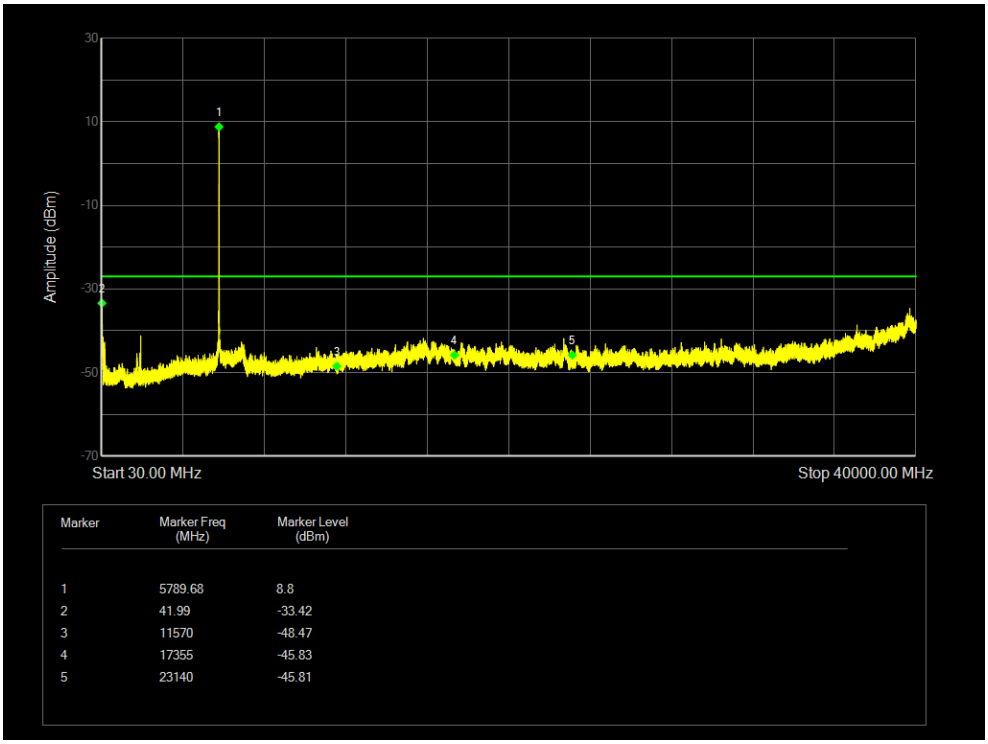
Tx. Spurious NVNT 802.11a 5825MHz Ant 1 Emission



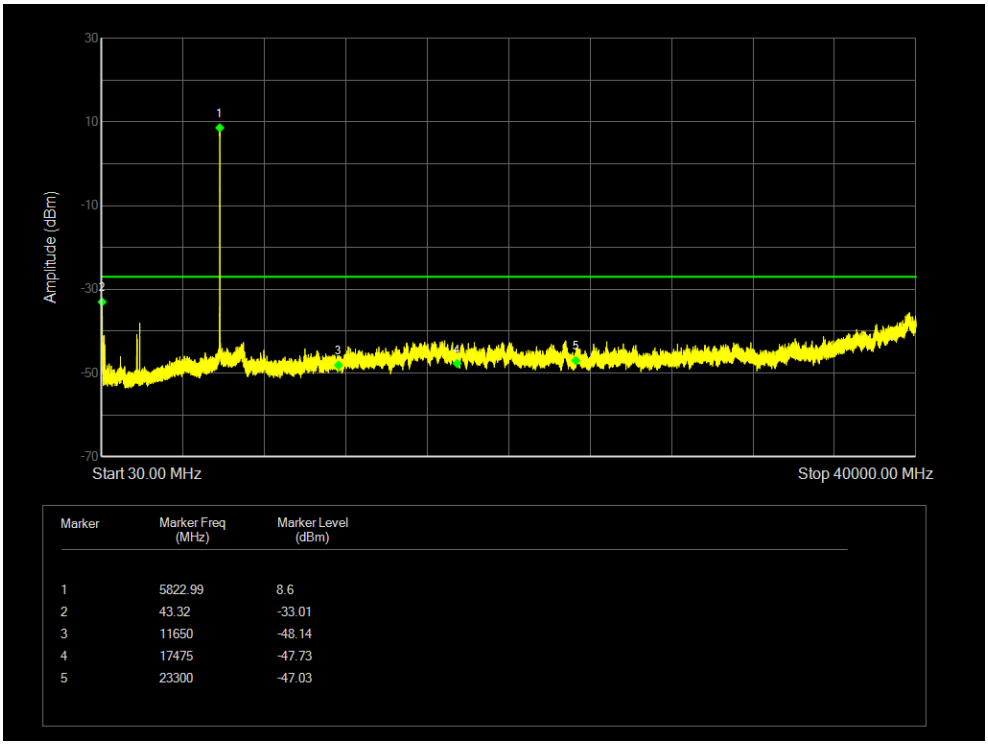
Tx. Spurious NVNT 802.11a 5745MHz Ant 2 Emission



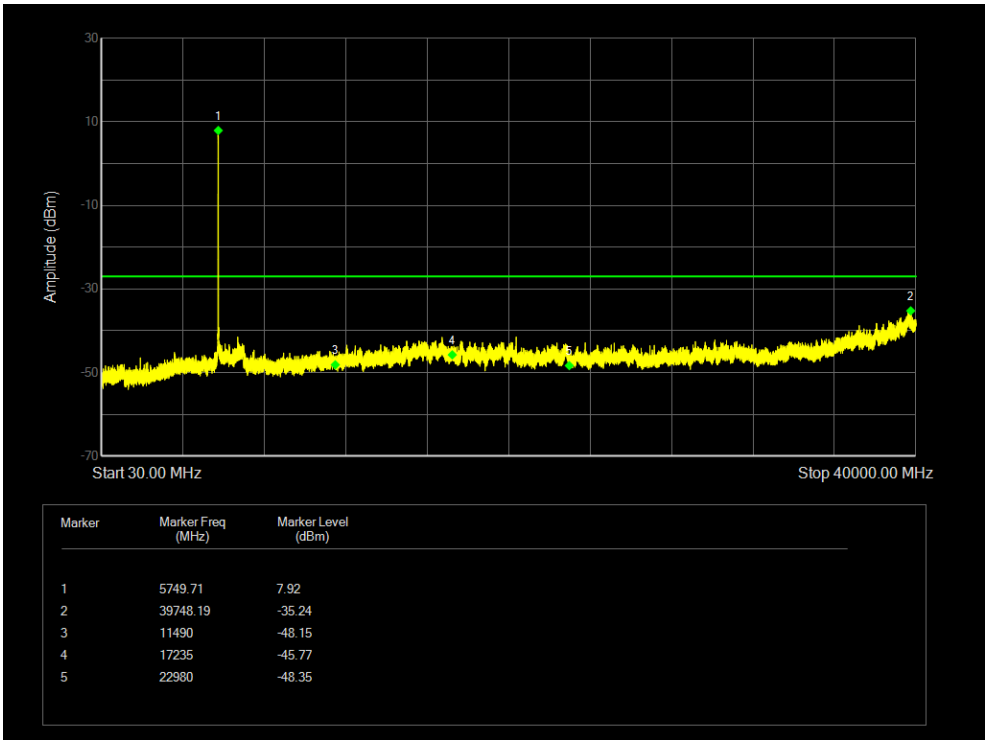
Tx. Spurious NVNT 802.11a 5785MHz Ant 2 Emission



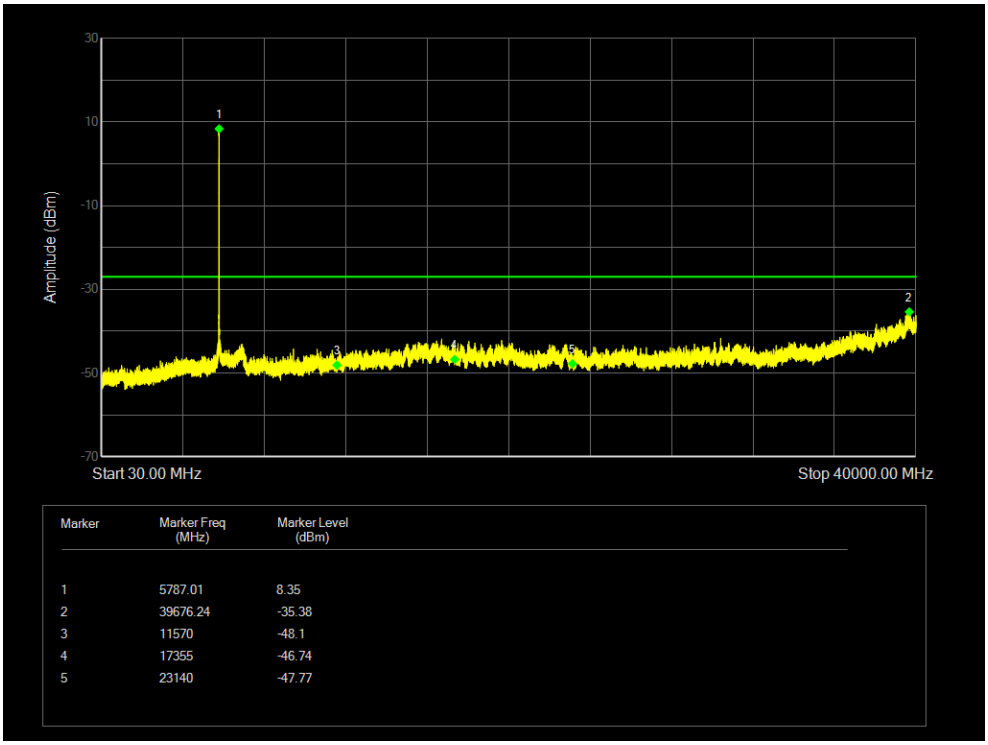
Tx. Spurious NVNT 802.11a 5825MHz Ant 2 Emission



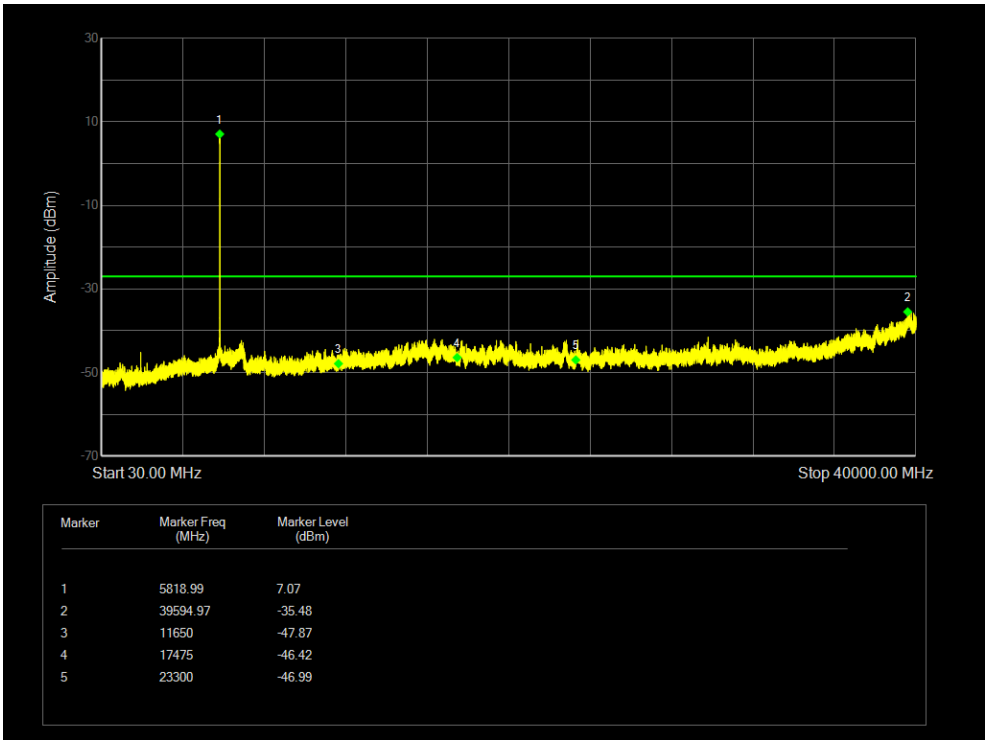
Tx. Spurious NVNT 802.11ac20 5745MHz Ant 1 Emission



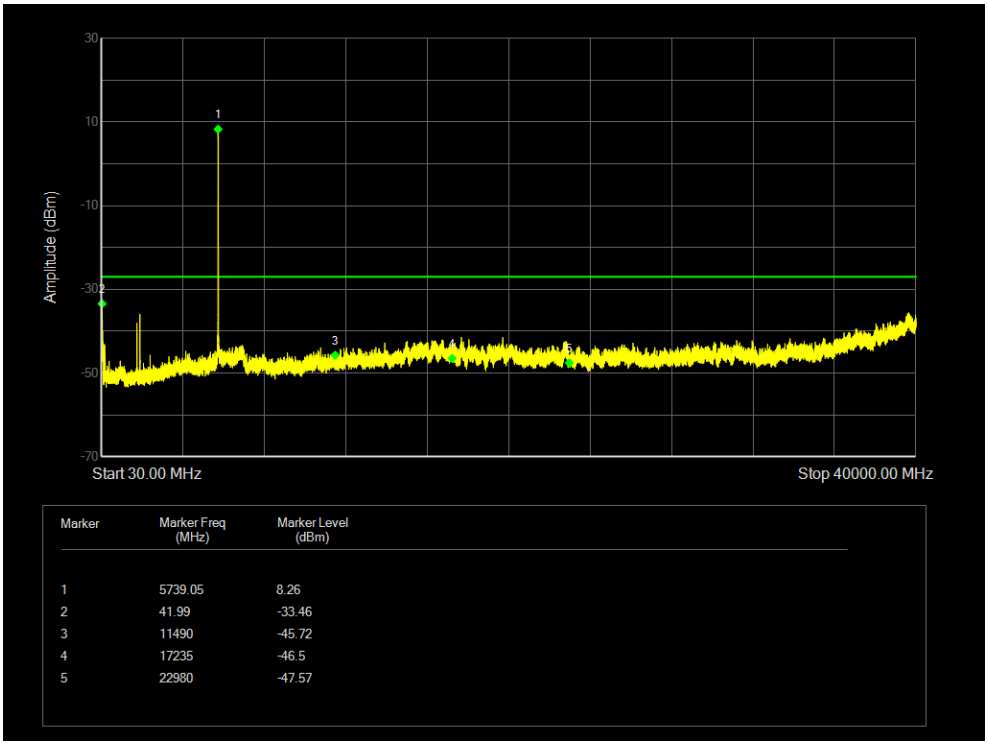
Tx. Spurious NVNT 802.11ac20 5785MHz Ant 1 Emission



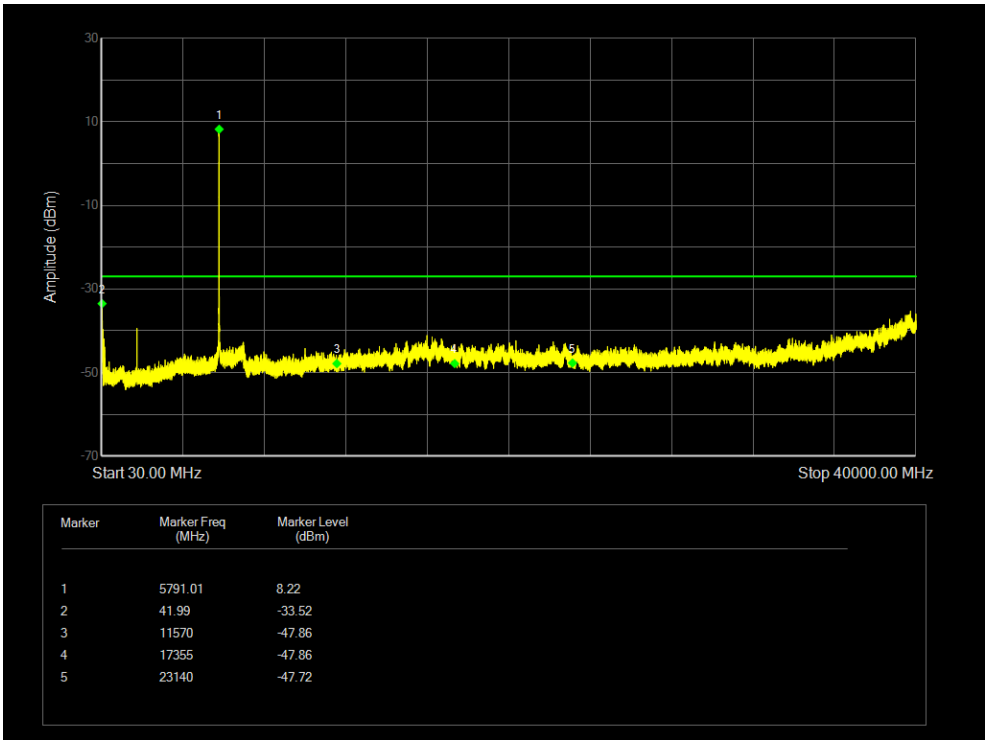
Tx. Spurious NVNT 802.11ac20 5825MHz Ant 1 Emission



Tx. Spurious NVNT 802.11ac20 5745MHz Ant 2 Emission

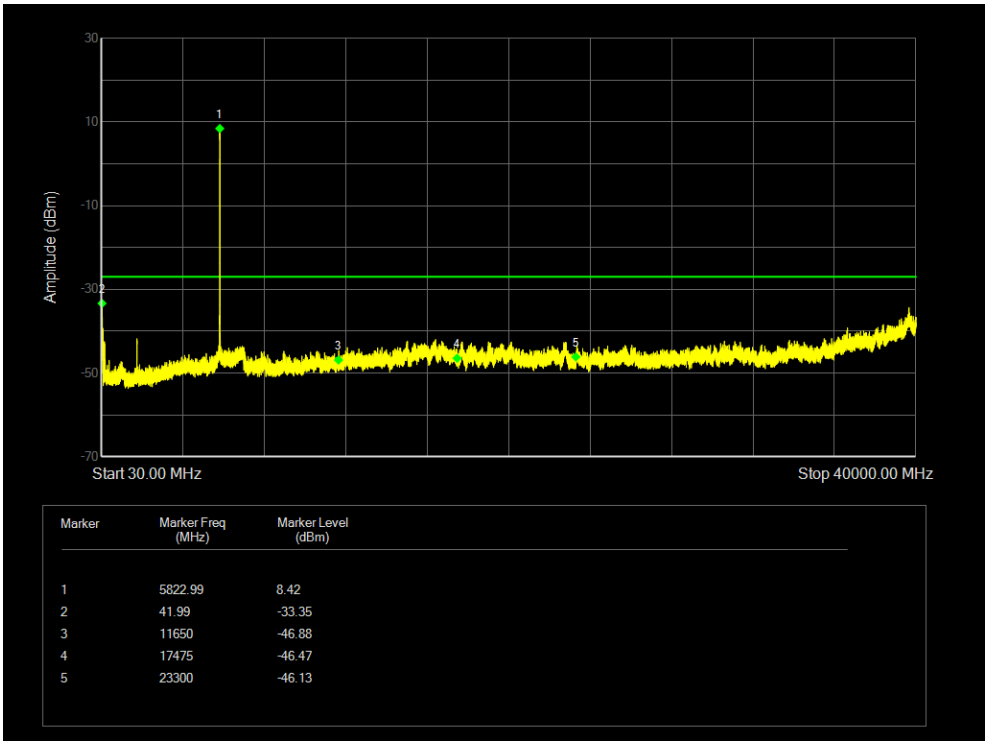


Tx. Spurious NVNT 802.11ac20 5785MHz Ant 2 Emission



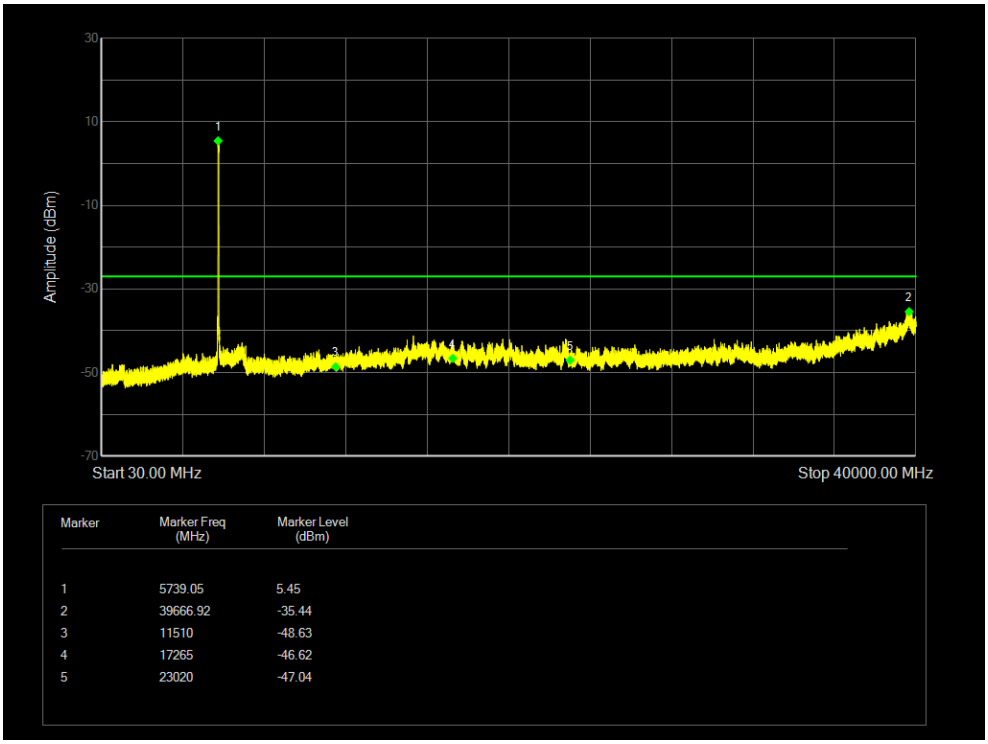
Marker	Marker Freq (MHz)	Marker Level (dBm)
1	5791.01	8.22
2	41.99	-33.52
3	11570	-47.86
4	17355	-47.86
5	23140	-47.72

Tx. Spurious NVNT 802.11ac20 5825MHz Ant 2 Emission



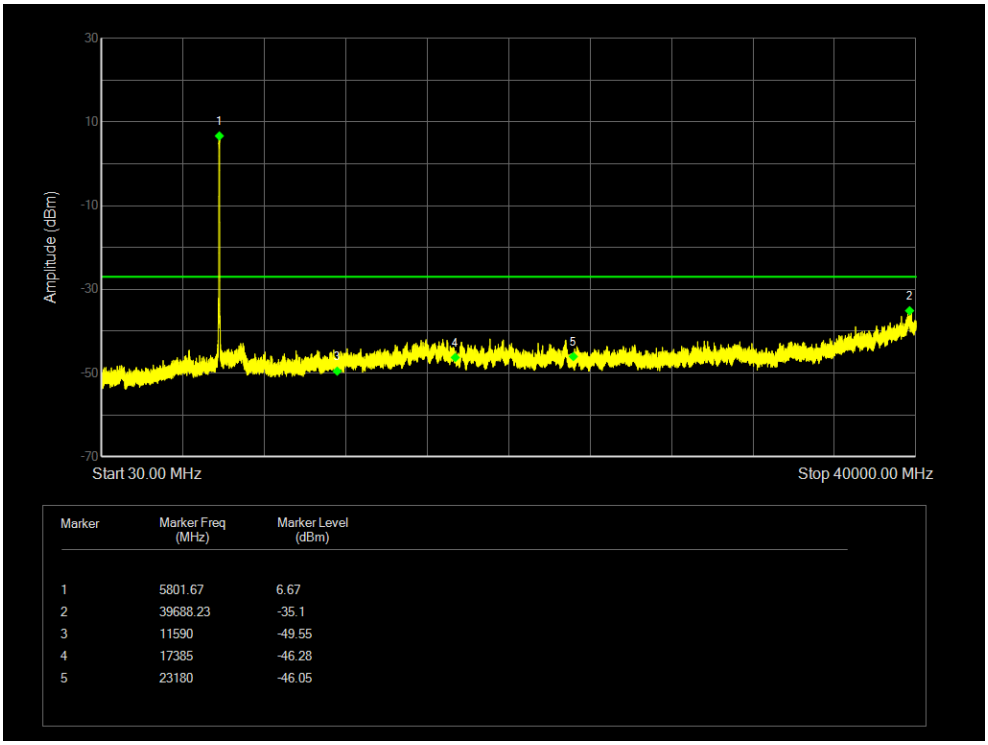
Marker	Marker Freq (MHz)	Marker Level (dBm)
1	5822.99	8.42
2	41.99	-33.35
3	11650	-46.88
4	17475	-46.47
5	23300	-46.13

Tx. Spurious NVNT 802.11ac40 5755MHz Ant 1 Emission



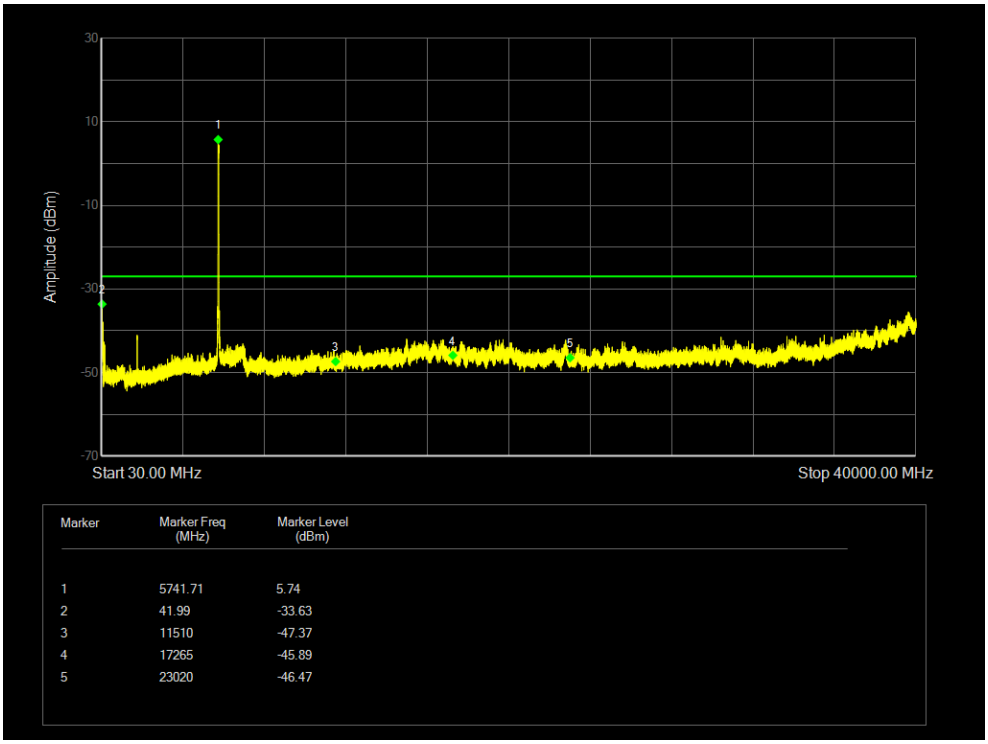
Marker	Marker Freq (MHz)	Marker Level (dBm)
1	5739.05	5.45
2	39666.92	-35.44
3	11510	-48.63
4	17265	-46.62
5	23020	-47.04

Tx. Spurious NVNT 802.11ac40 5795MHz Ant 1 Emission

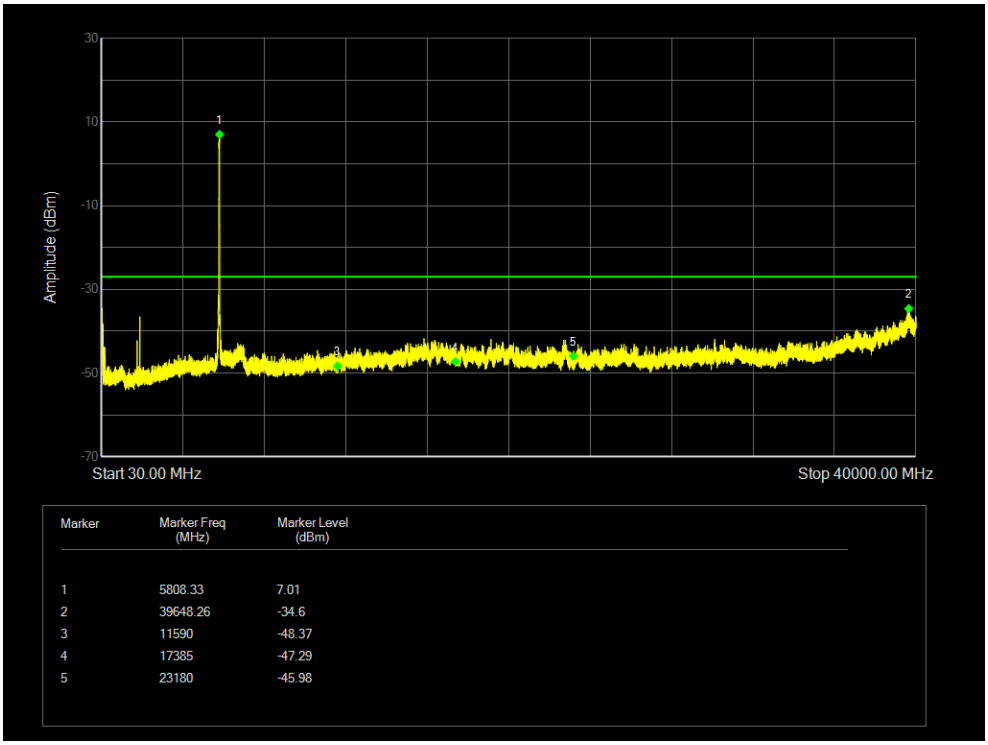


Marker	Marker Freq (MHz)	Marker Level (dBm)
1	5801.67	6.67
2	39688.23	-35.1
3	11590	-49.55
4	17385	-46.28
5	23180	-46.05

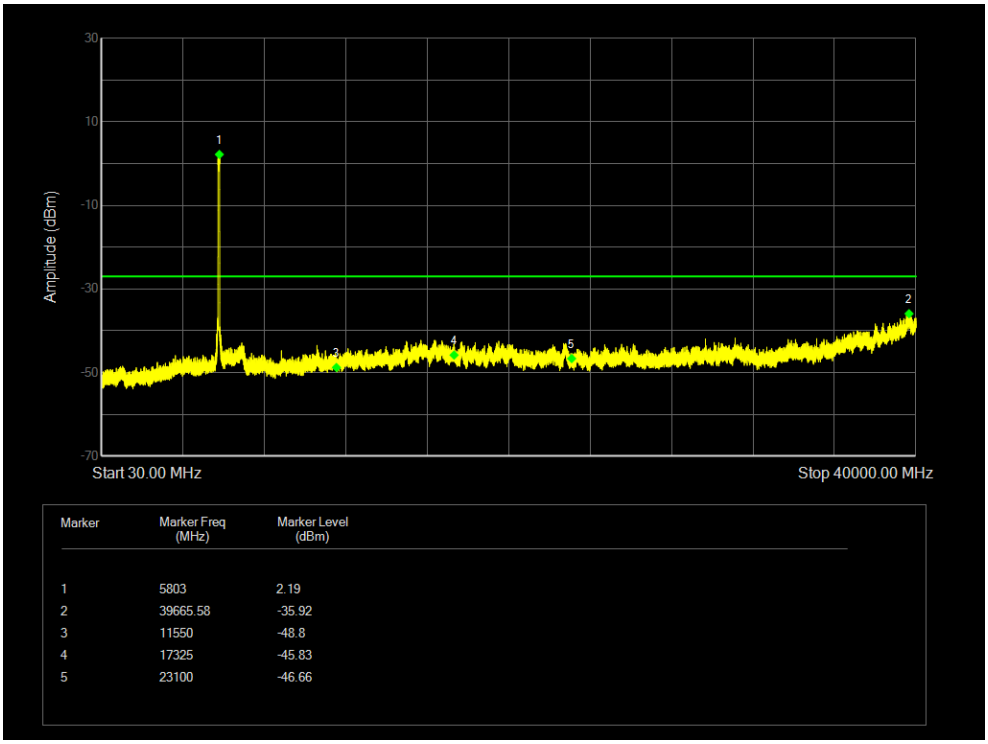
Tx. Spurious NVNT 802.11ac40 5755MHz Ant 2 Emission



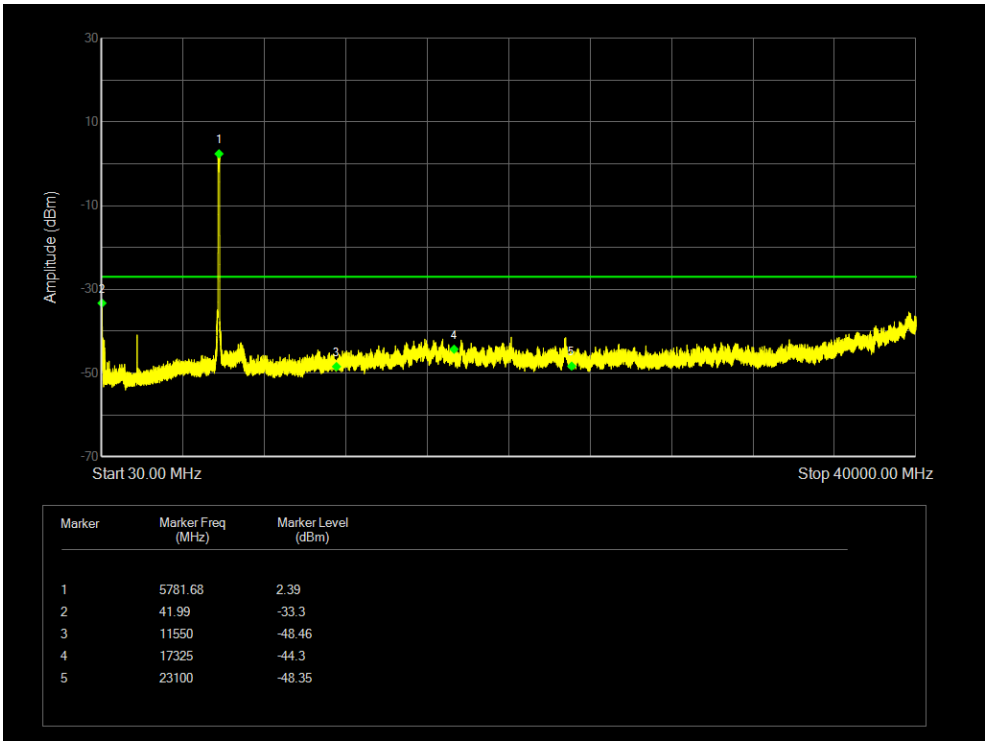
Tx. Spurious NVNT 802.11ac40 5795MHz Ant 2 Emission



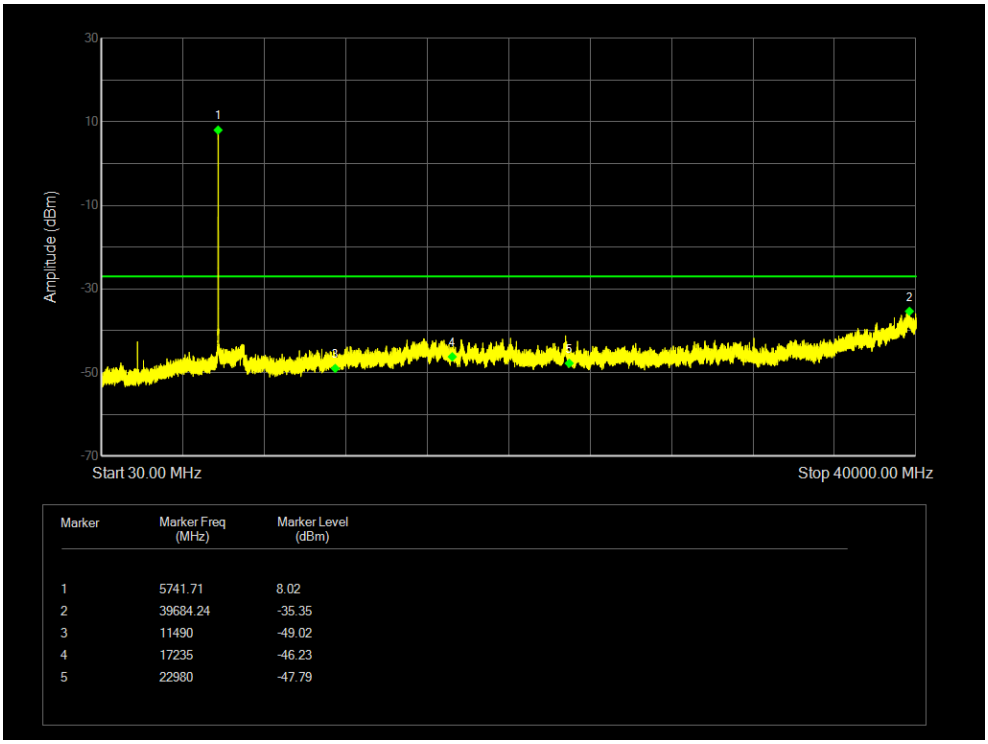
Tx. Spurious NVNT 802.11ac80 5775MHz Ant 1 Emission



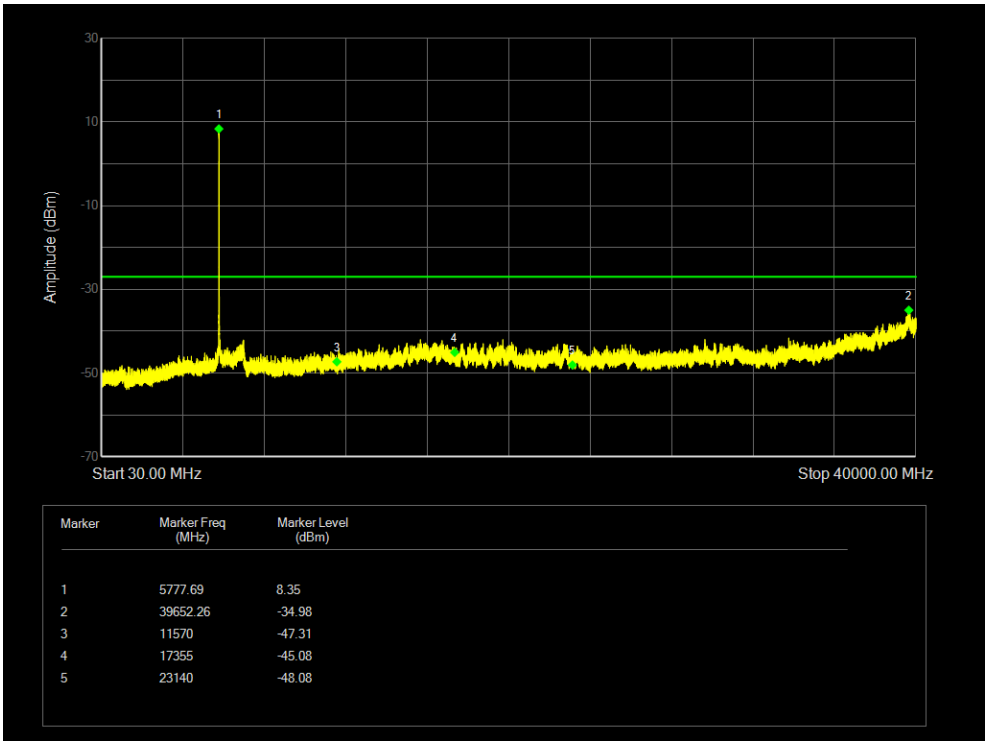
Tx. Spurious NVNT 802.11ac80 5775MHz Ant 2 Emission



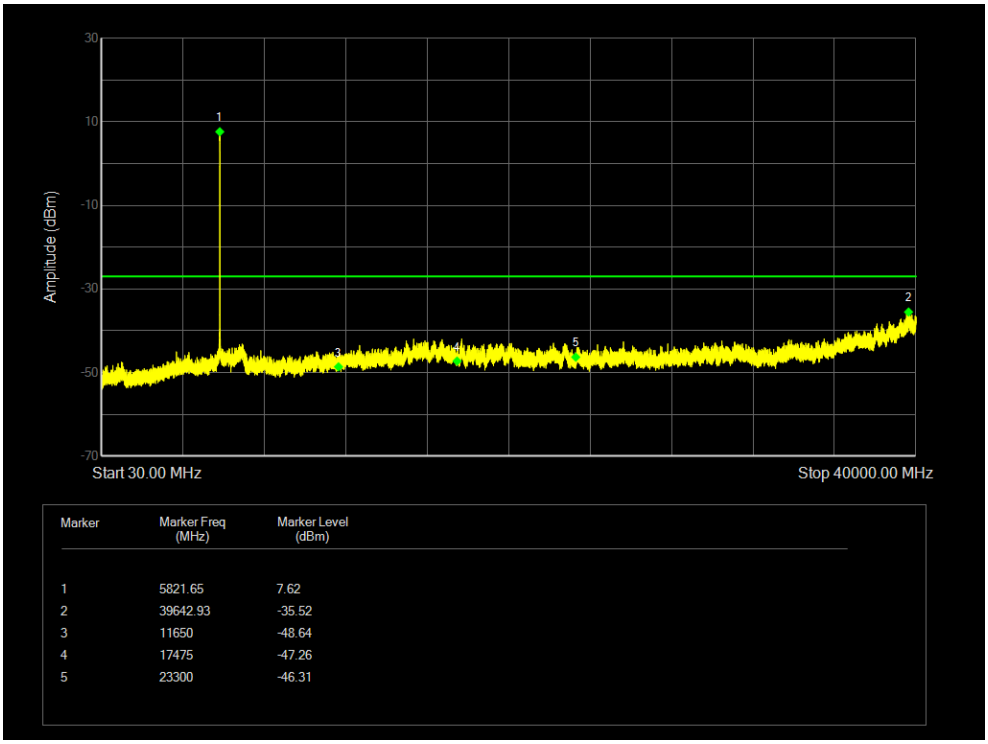
Tx. Spurious NVNT 802.11n(HT20) 5745MHz Ant 1 Emission



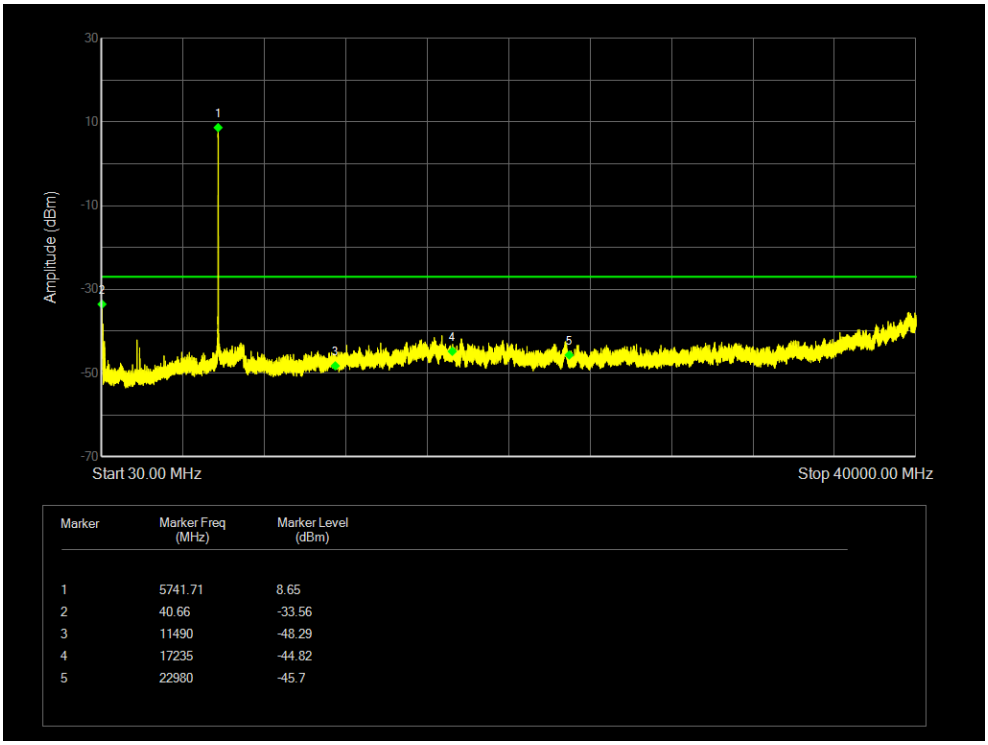
Tx. Spurious NVNT 802.11n(HT20) 5785MHz Ant 1 Emission



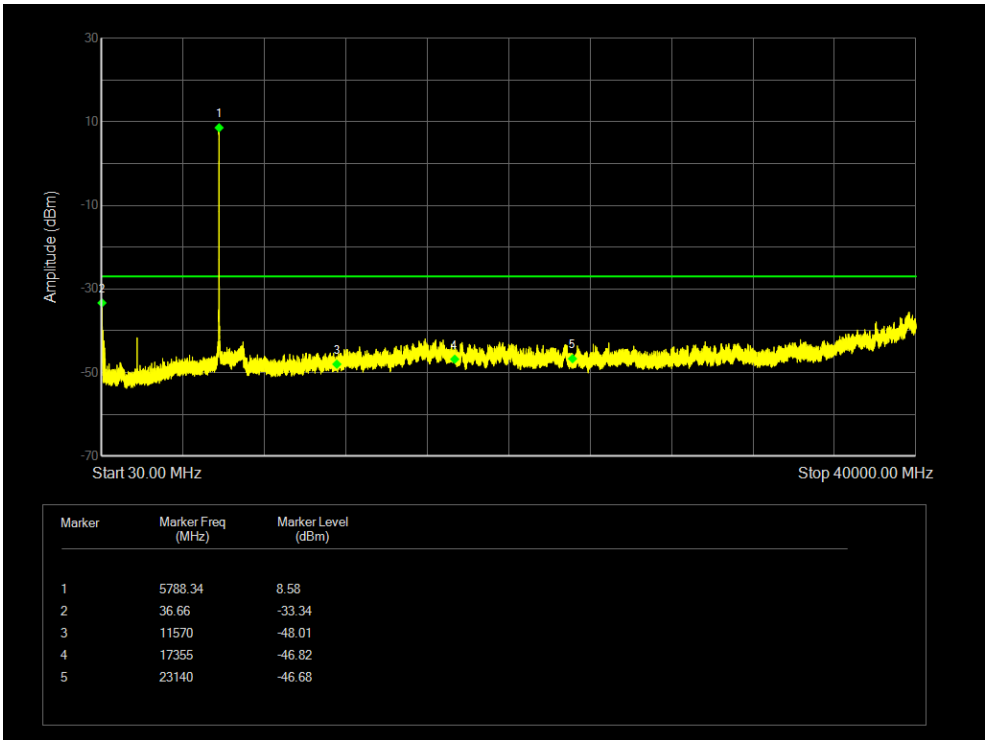
Tx. Spurious NVNT 802.11n(HT20) 5825MHz Ant 1 Emission



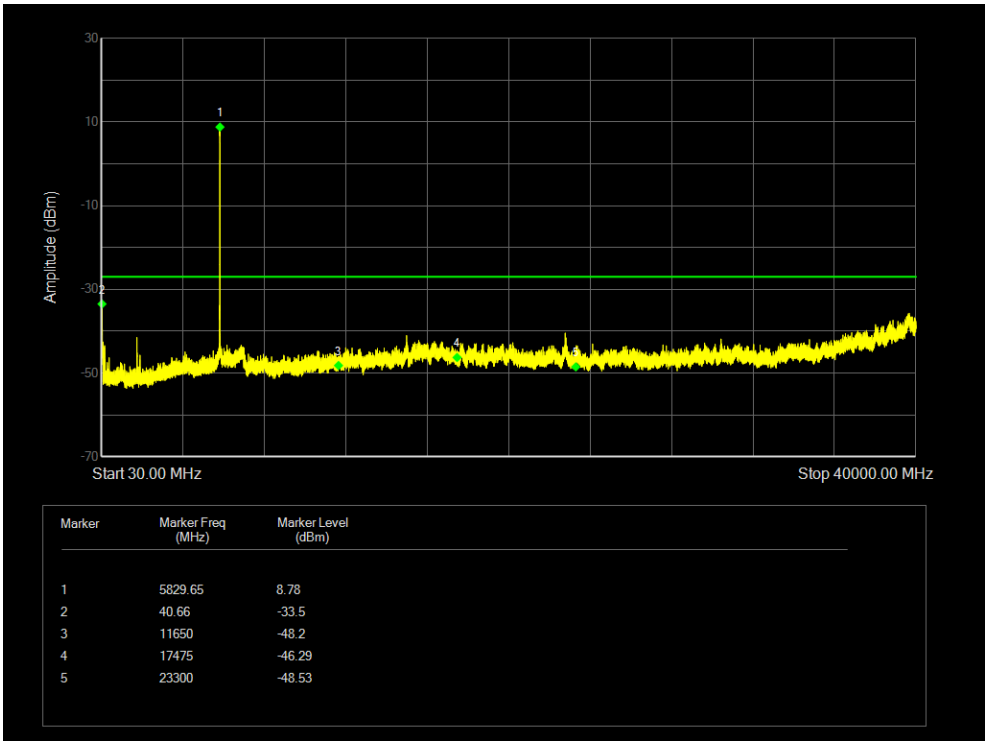
Tx. Spurious NVNT 802.11n(HT20) 5745MHz Ant 2 Emission



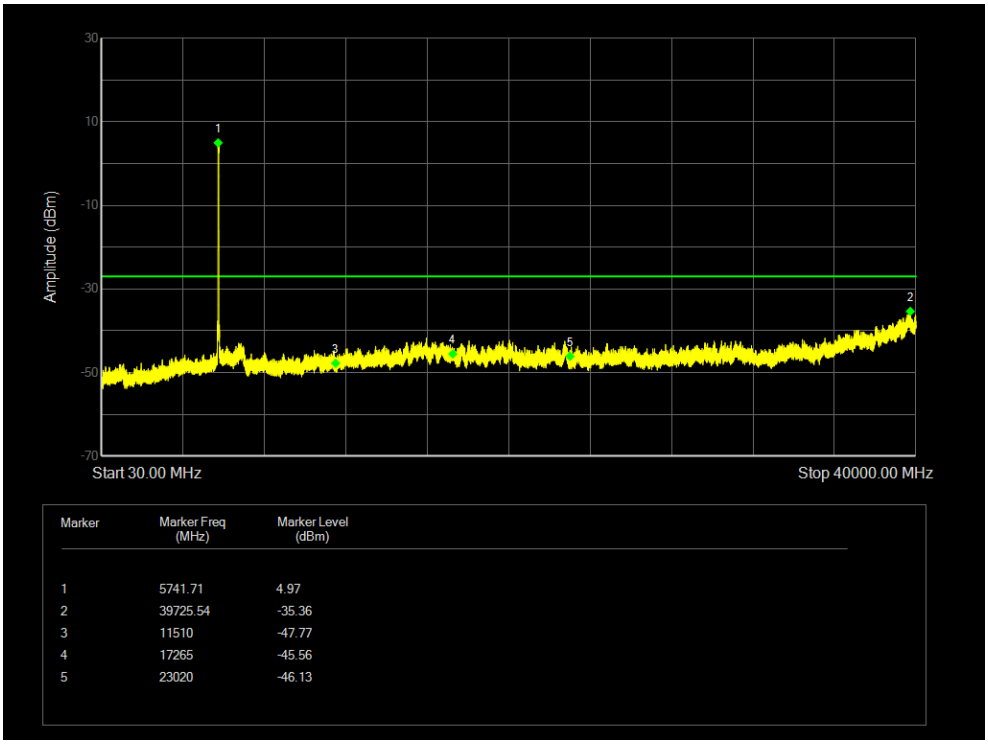
Tx. Spurious NVNT 802.11n(HT20) 5785MHz Ant 2 Emission



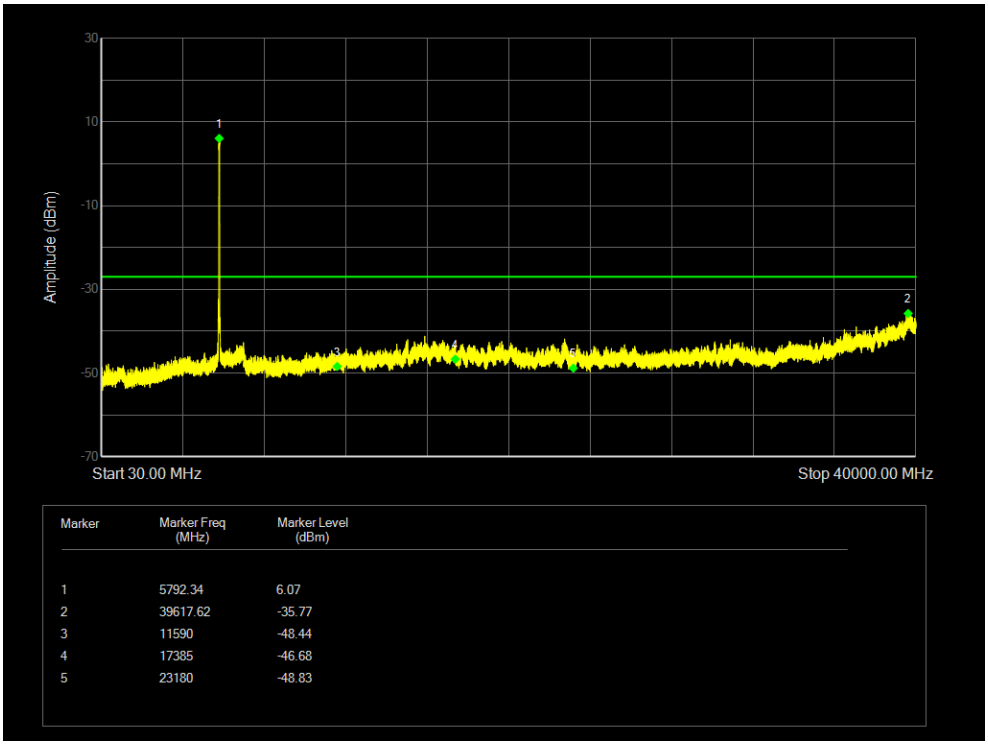
Tx. Spurious NVNT 802.11n(HT20) 5825MHz Ant 2 Emission



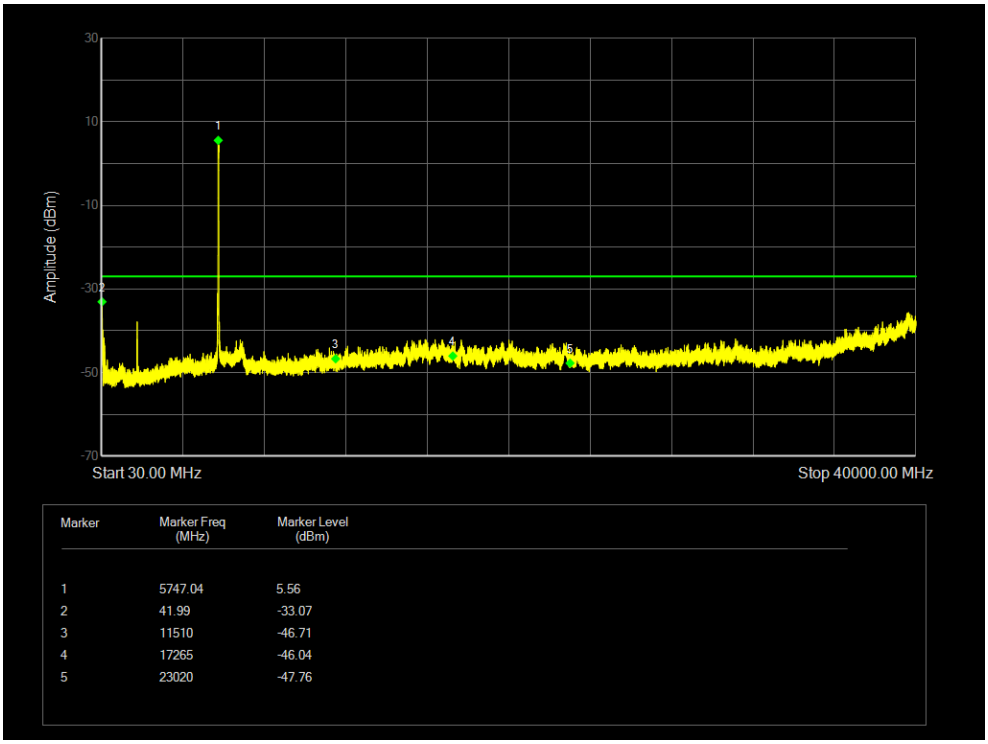
Tx. Spurious NVNT 802.11n(HT40) 5755MHz Ant 1 Emission



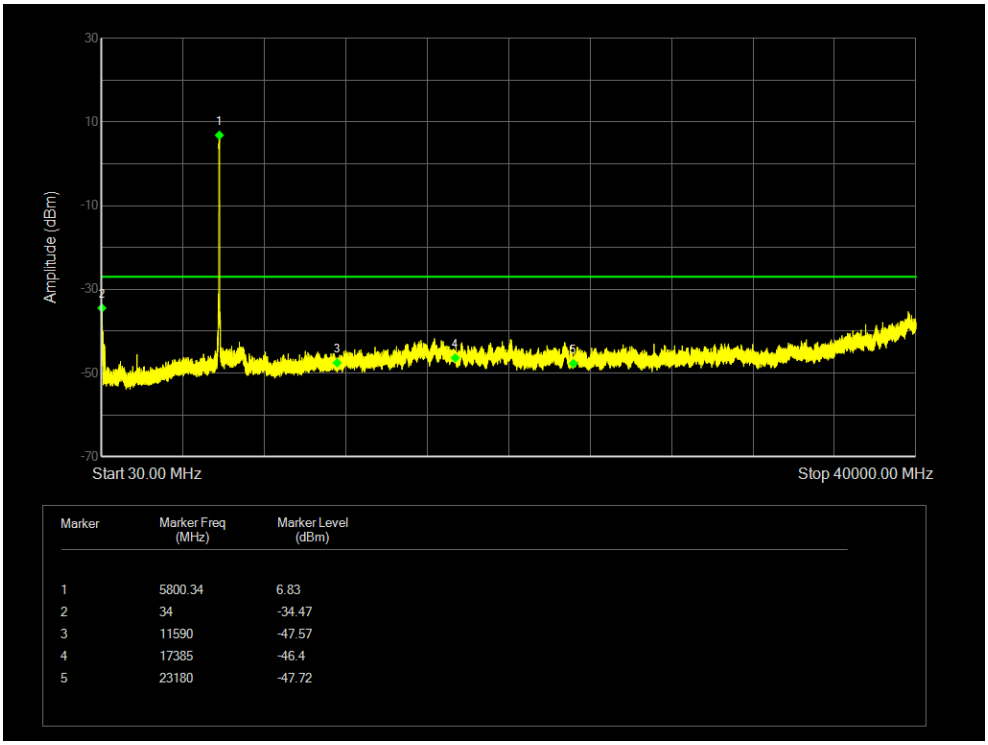
Tx. Spurious NVNT 802.11n(HT40) 5795MHz Ant 1 Emission



Tx. Spurious NVNT 802.11n(HT40) 5755MHz Ant 2 Emission



Tx. Spurious NVNT 802.11n(HT40) 5795MHz Ant 2 Emission

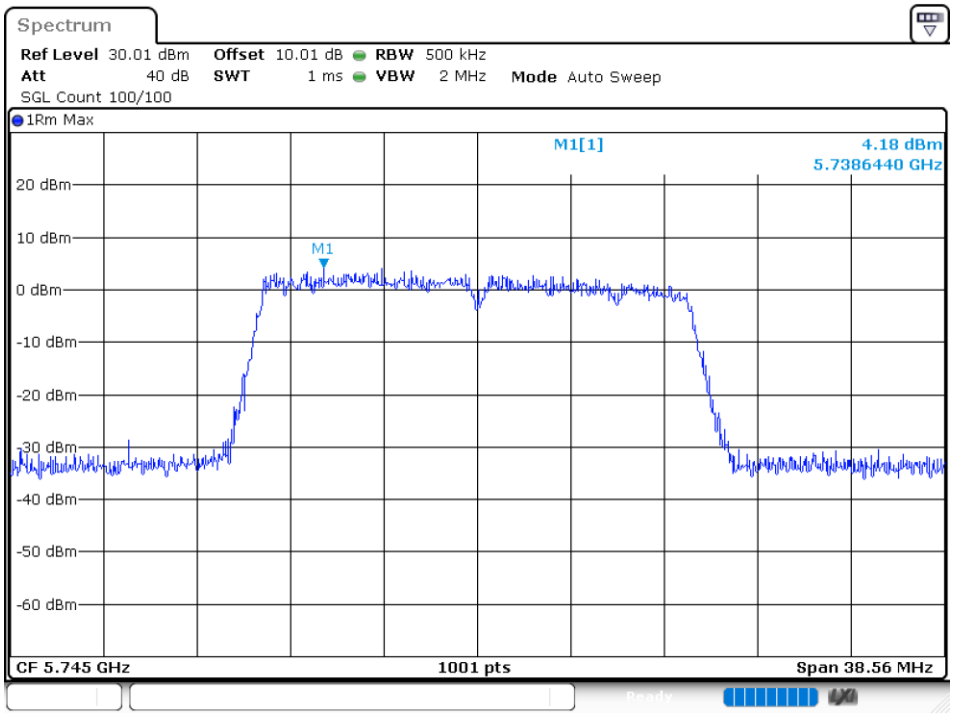


5.8G(MIMO):

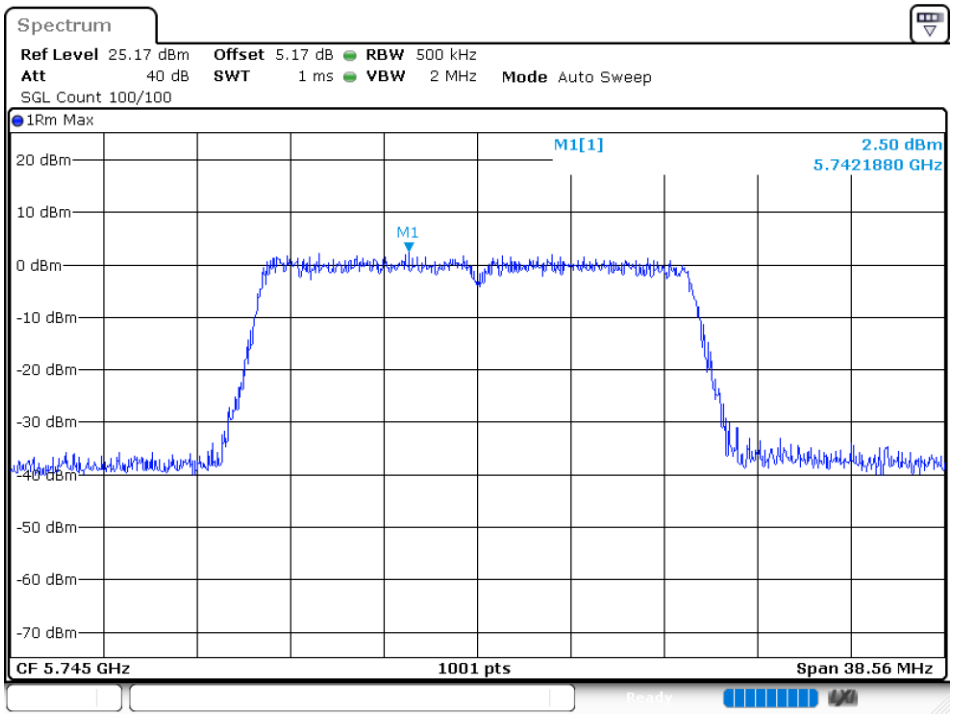
Maximum Power Spectral Density Level

Condition	Mode	Frequency (MHz)	Antenna	Max PSD (dBm)	Limit (dBm)	Verdict
NVNT	802.11ac20	5745	Ant 1	4.177	30	Pass
NVNT	802.11ac20	5745	Ant 2	2.5	30	Pass
NVNT	802.11ac20	5745	Sum	6.429	30	Pass
NVNT	802.11ac20	5785	Ant 1	1.95	30	Pass
NVNT	802.11ac20	5785	Ant 2	2.543	30	Pass
NVNT	802.11ac20	5785	Sum	5.267	30	Pass
NVNT	802.11ac20	5825	Ant 1	5.888	30	Pass
NVNT	802.11ac20	5825	Ant 2	3.297	30	Pass
NVNT	802.11ac20	5825	Sum	7.793	30	Pass
NVNT	802.11ac40	5755	Ant 1	0.792	30	Pass
NVNT	802.11ac40	5755	Ant 2	0.223	30	Pass
NVNT	802.11ac40	5755	Sum	3.527	30	Pass
NVNT	802.11ac40	5795	Ant 1	2.411	30	Pass
NVNT	802.11ac40	5795	Ant 2	0.749	30	Pass
NVNT	802.11ac40	5795	Sum	4.669	30	Pass
NVNT	802.11ac80	5775	Ant 1	-1.599	30	Pass
NVNT	802.11ac80	5775	Ant 2	-3.018	30	Pass
NVNT	802.11ac80	5775	Sum	0.759	30	Pass
NVNT	802.11n(HT20)	5745	Ant 1	7.332	30	Pass
NVNT	802.11n(HT20)	5745	Ant 2	5.76	30	Pass
NVNT	802.11n(HT20)	5745	Sum	9.627	30	Pass
NVNT	802.11n(HT20)	5785	Ant 1	5.57	30	Pass
NVNT	802.11n(HT20)	5785	Ant 2	5.332	30	Pass
NVNT	802.11n(HT20)	5785	Sum	8.463	30	Pass
NVNT	802.11n(HT20)	5825	Ant 1	9.702	30	Pass
NVNT	802.11n(HT20)	5825	Ant 2	7.665	30	Pass
NVNT	802.11n(HT20)	5825	Sum	11.812	30	Pass
NVNT	802.11n(HT40)	5755	Ant 1	3.731	30	Pass
NVNT	802.11n(HT40)	5755	Ant 2	2.484	30	Pass
NVNT	802.11n(HT40)	5755	Sum	6.162	30	Pass
NVNT	802.11n(HT40)	5795	Ant 1	4.273	30	Pass
NVNT	802.11n(HT40)	5795	Ant 2	2.491	30	Pass
NVNT	802.11n(HT40)	5795	Sum	6.483	30	Pass

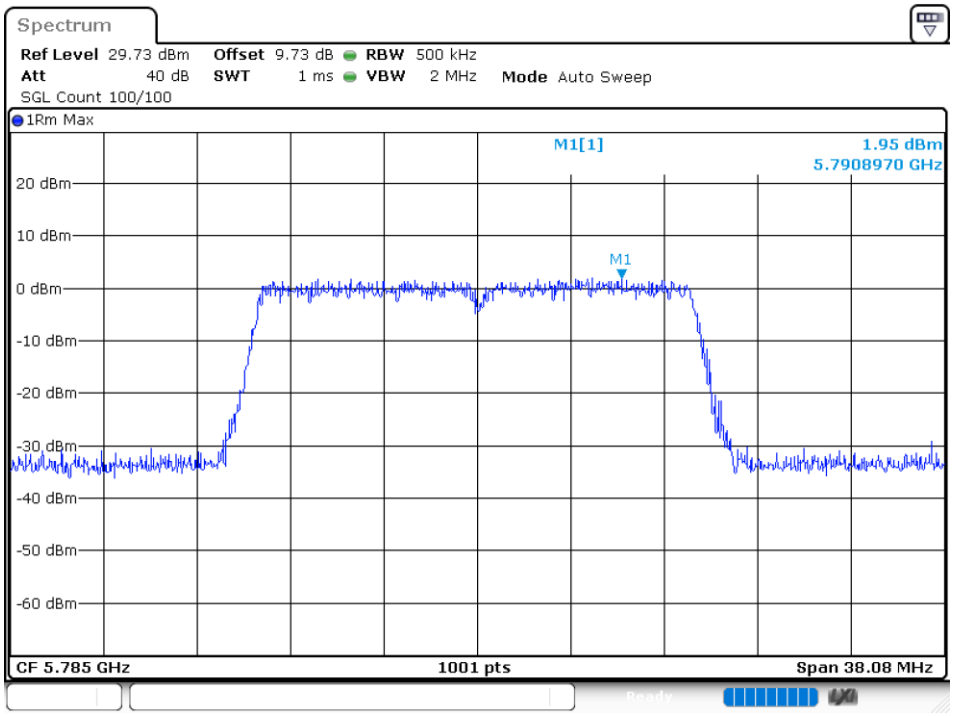
PSD NVNT 802.11ac20 5745MHz Ant1



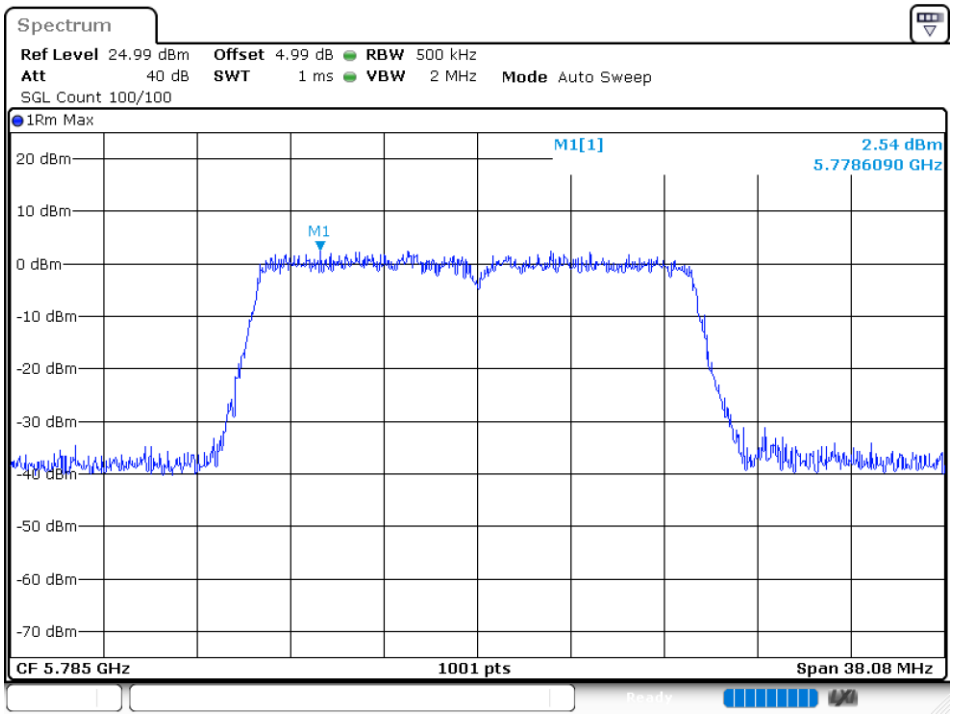
PSD NVNT 802.11ac20 5745MHz Ant2



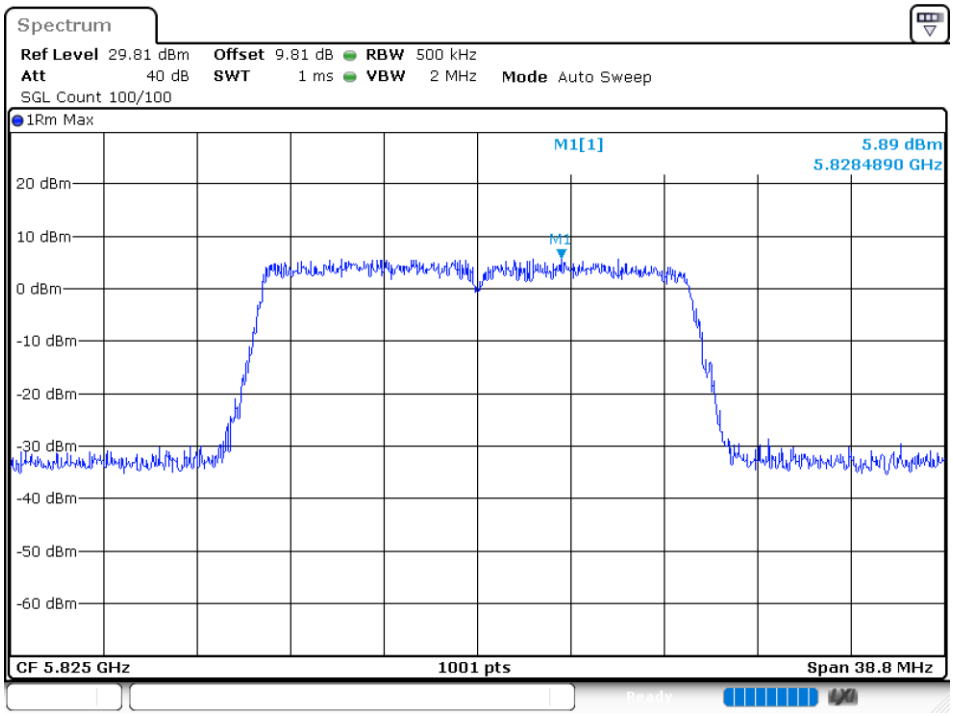
PSD NVNT 802.11ac20 5785MHz Ant1



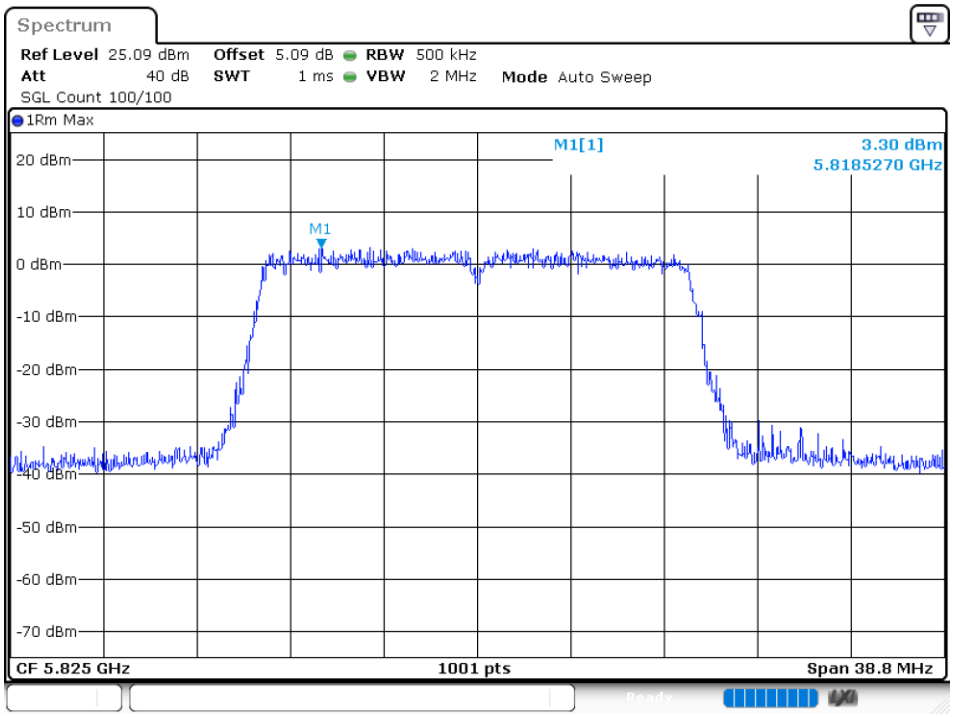
PSD NVNT 802.11ac20 5785MHz Ant2



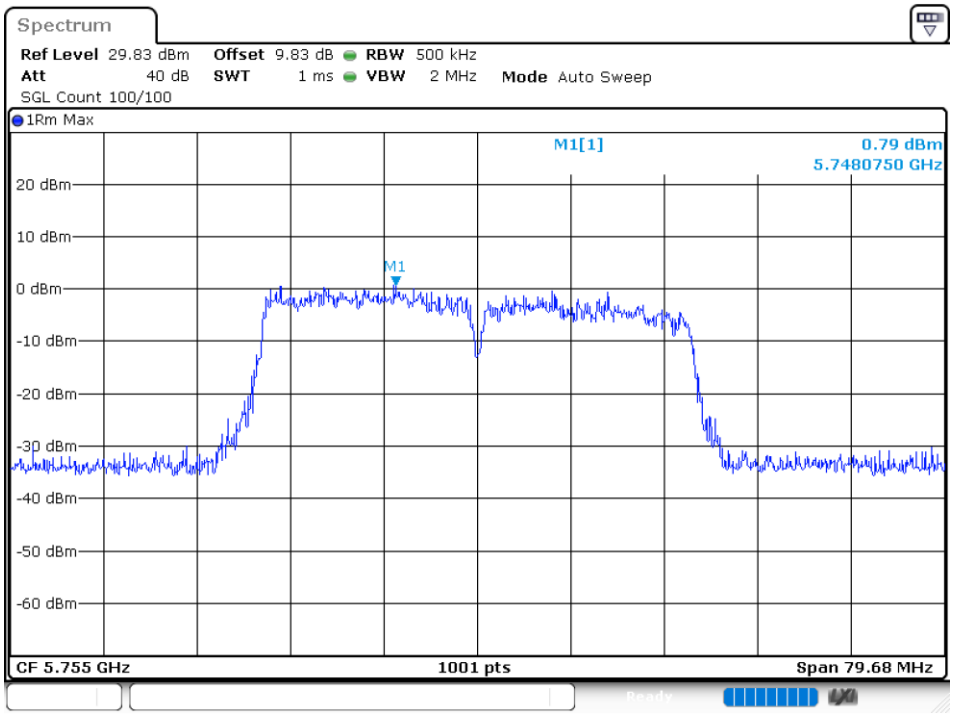
PSD NVNT 802.11ac20 5825MHz Ant1



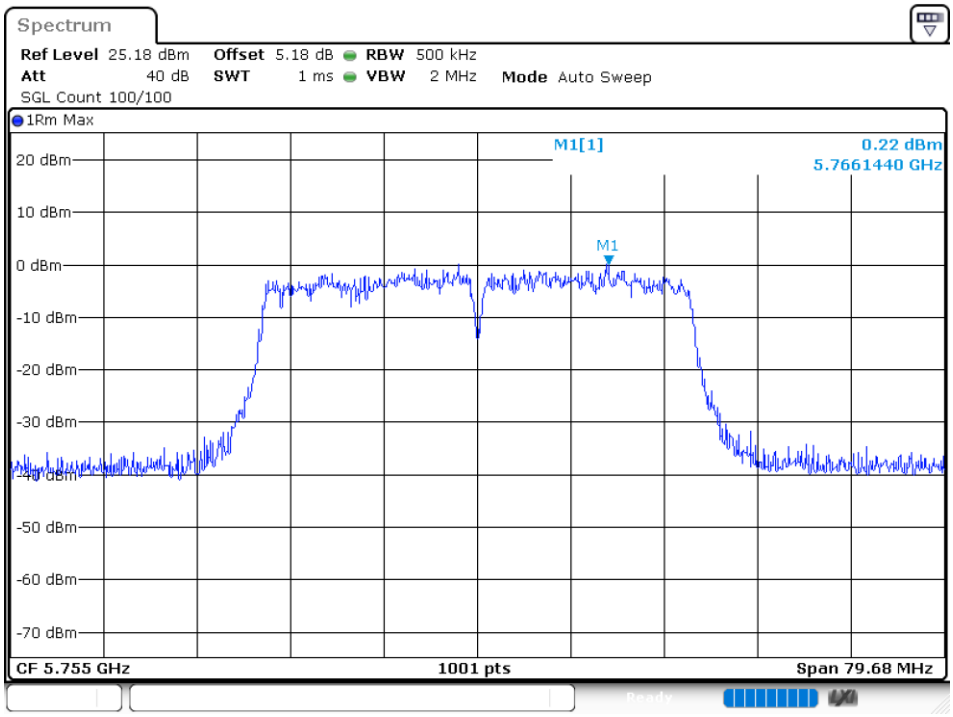
PSD NVNT 802.11ac20 5825MHz Ant2



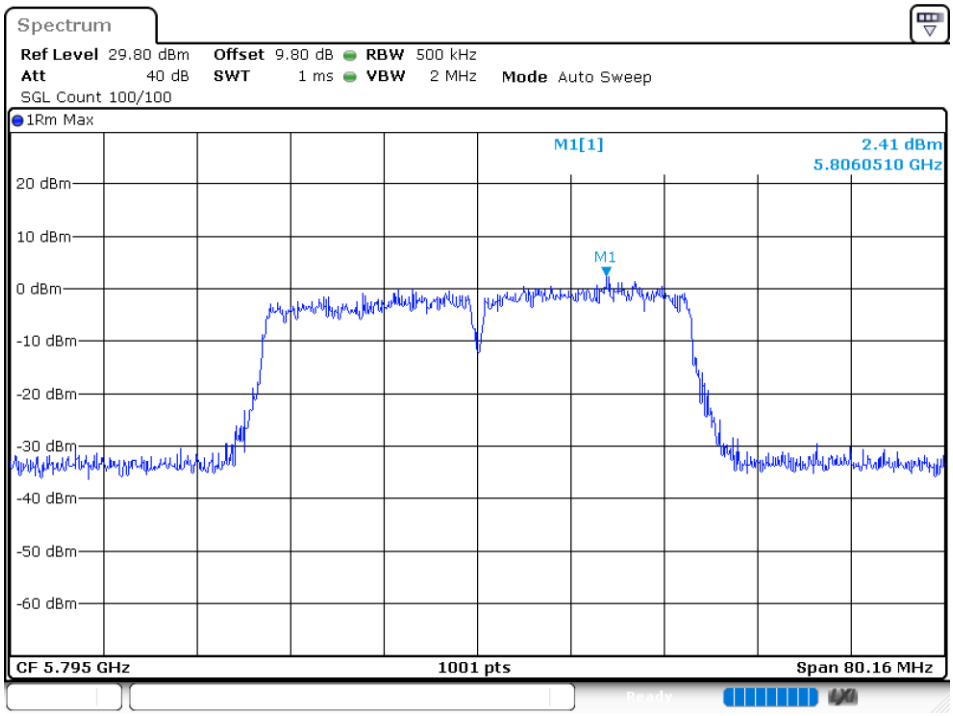
PSD NVNT 802.11ac40 5755MHz Ant1



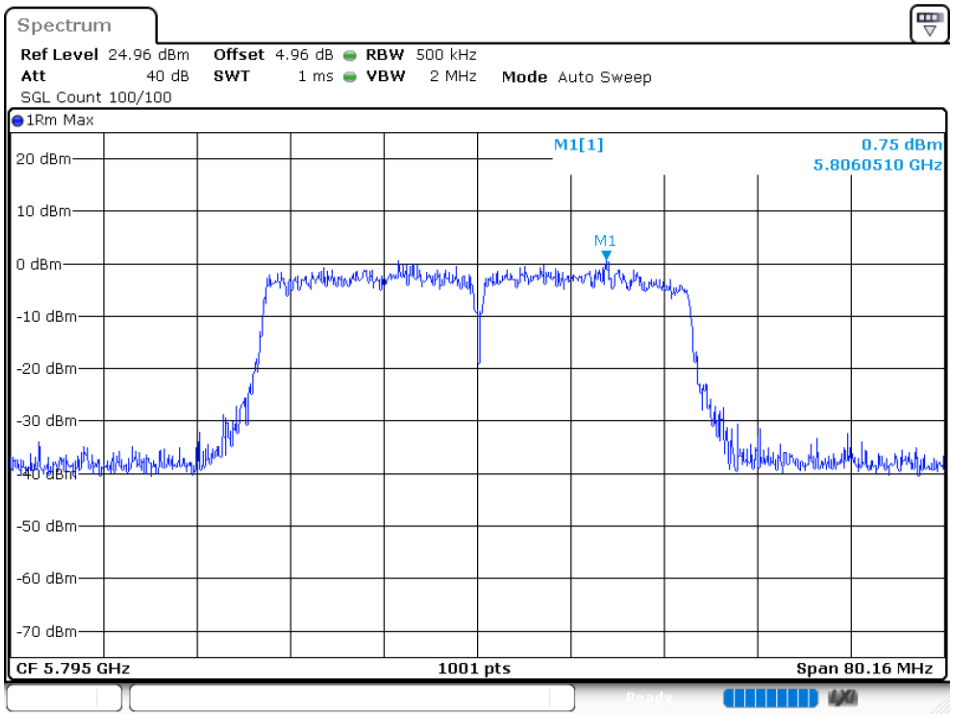
PSD NVNT 802.11ac40 5755MHz Ant2



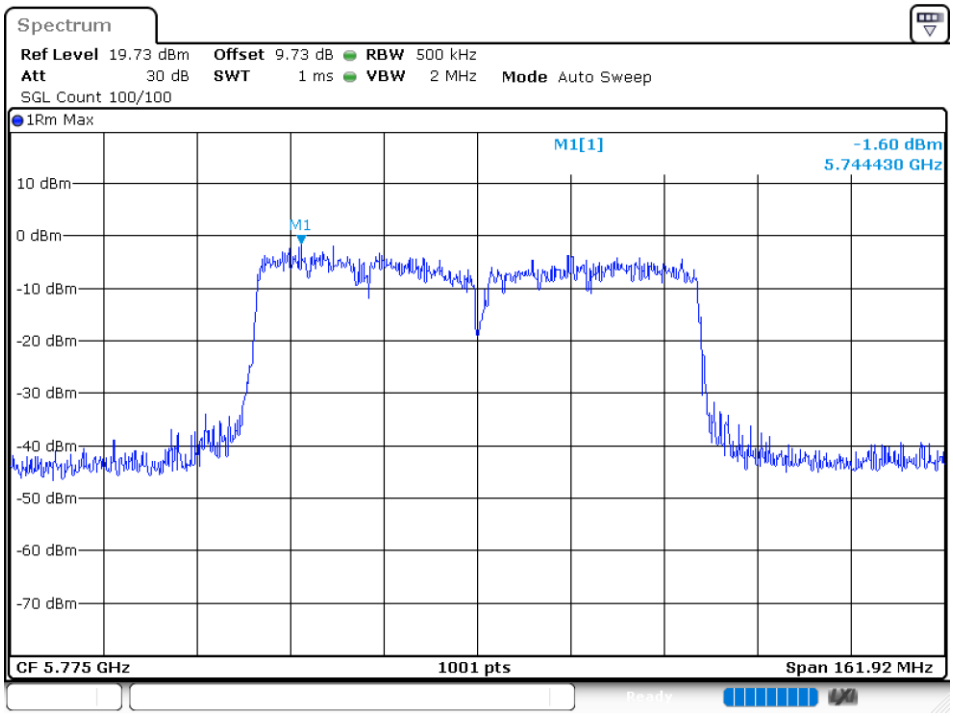
PSD NVNT 802.11ac40 5795MHz Ant1



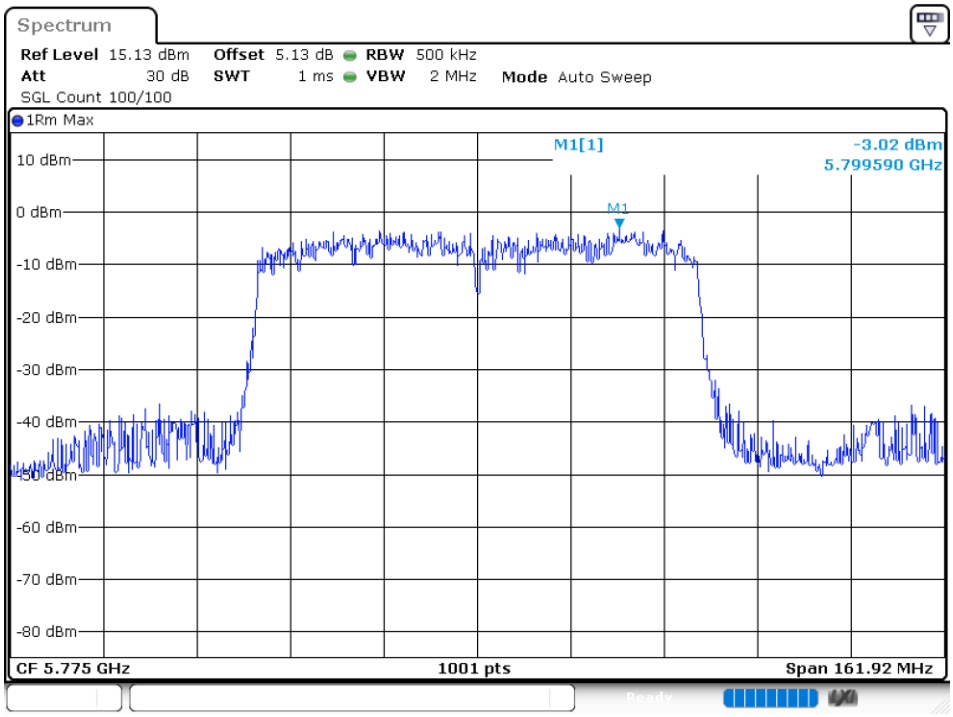
PSD NVNT 802.11ac40 5795MHz Ant2



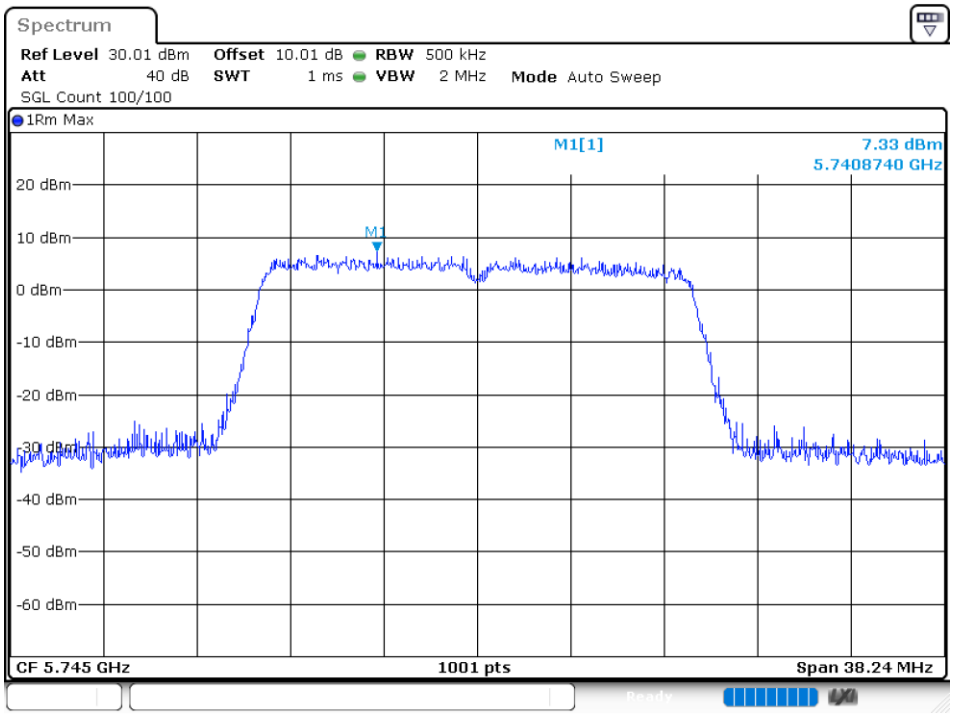
PSD NVNT 802.11ac80 5775MHz Ant1



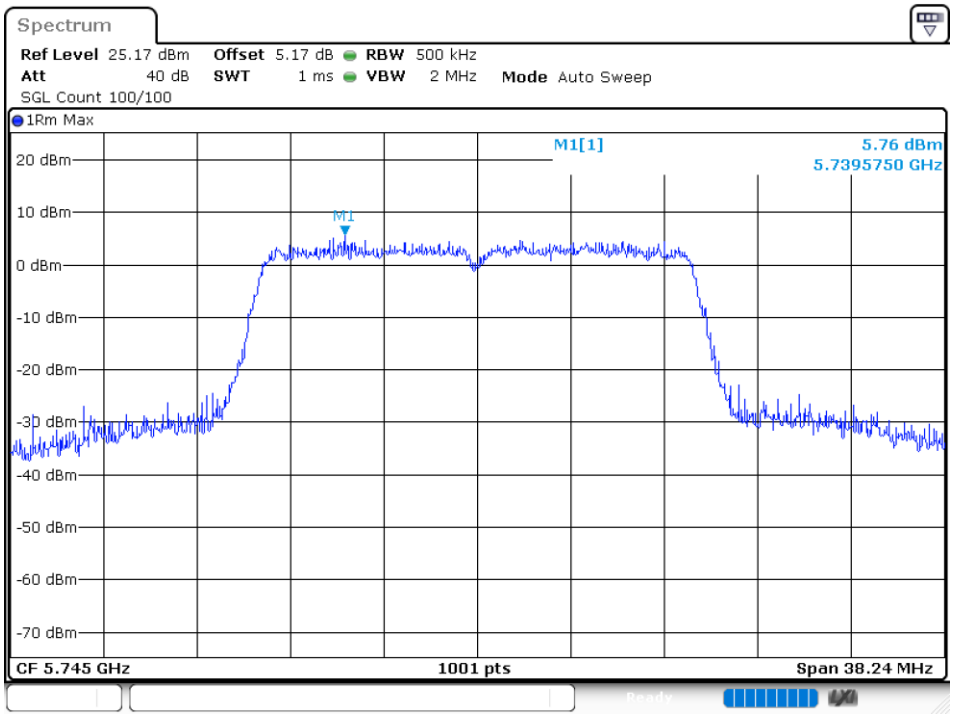
PSD NVNT 802.11ac80 5775MHz Ant2



PSD NVNT 802.11n(HT20) 5745MHz Ant1



PSD NVNT 802.11n(HT20) 5745MHz Ant2



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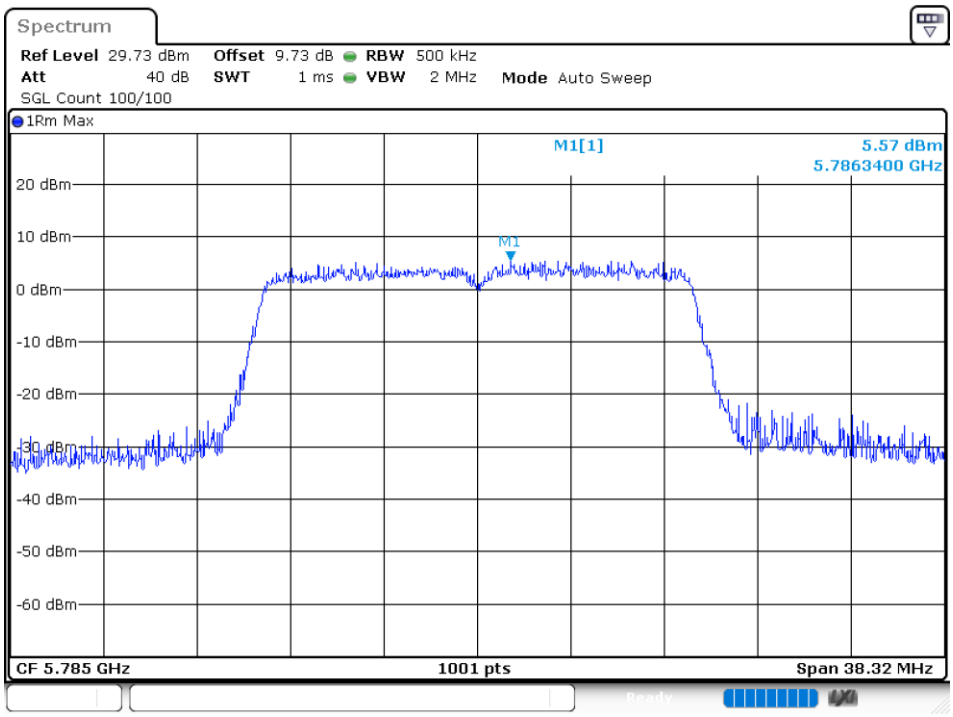
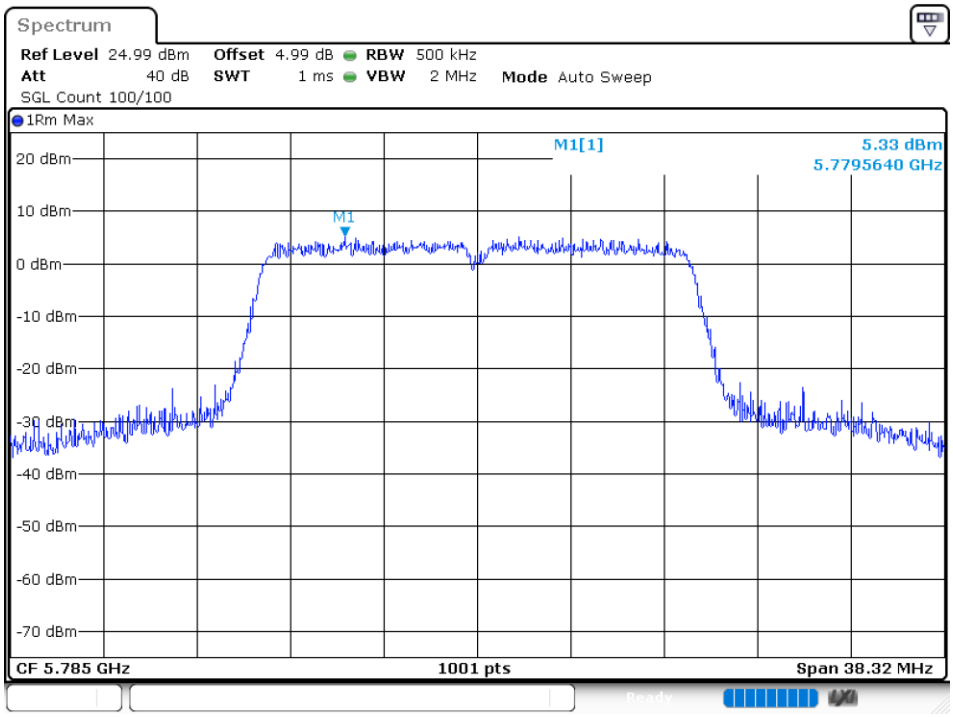
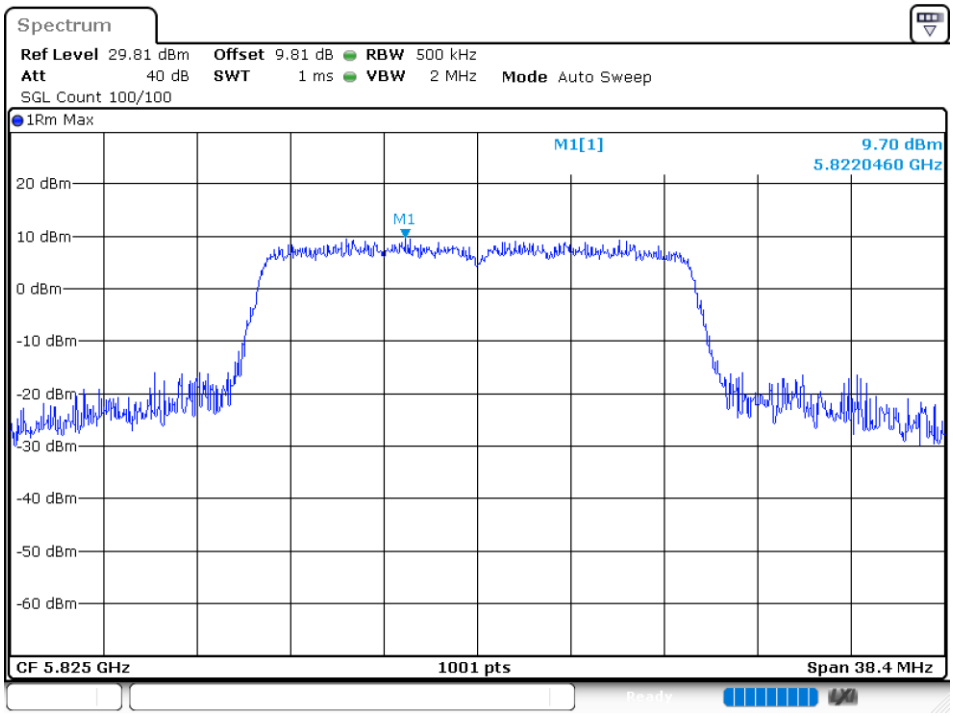


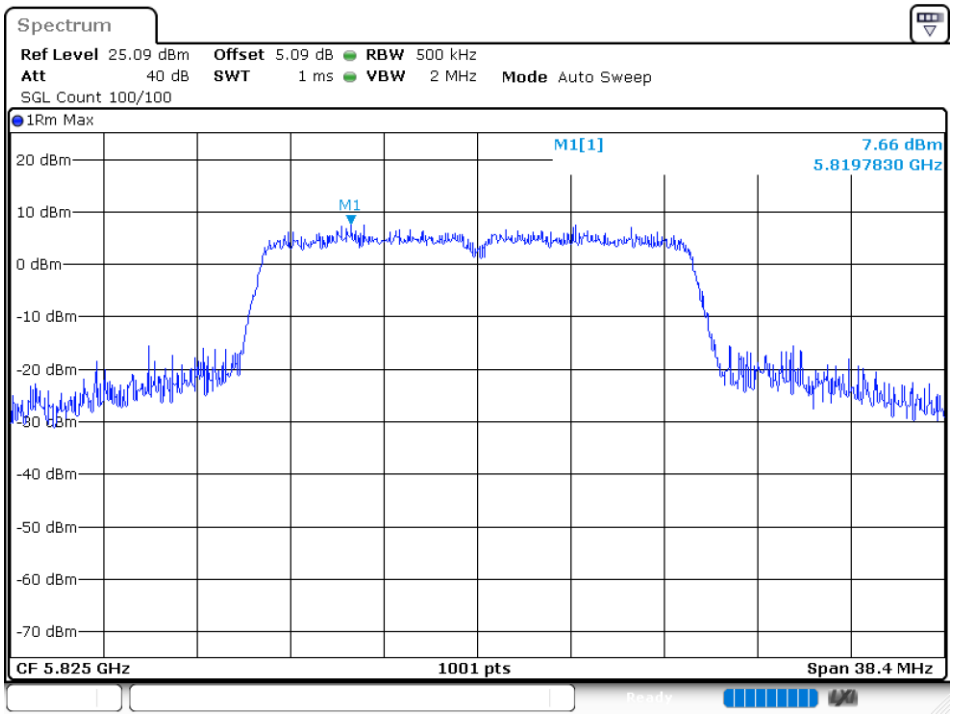
PSD NVNT 802.11n(HT20) 5785MHz Ant2



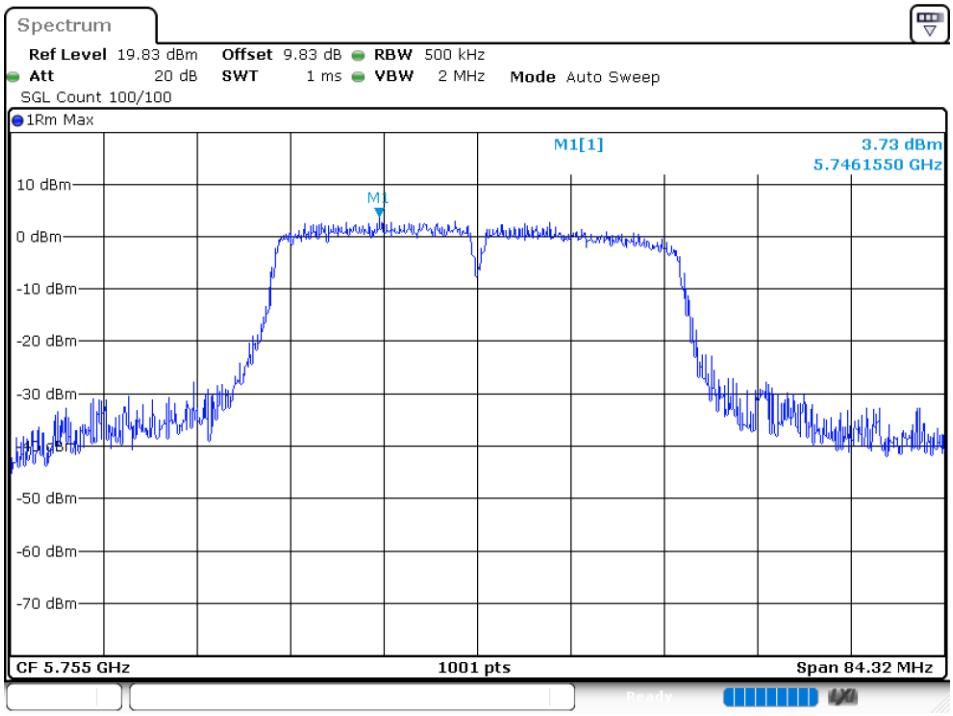
PSD NVNT 802.11n(HT20) 5825MHz Ant1



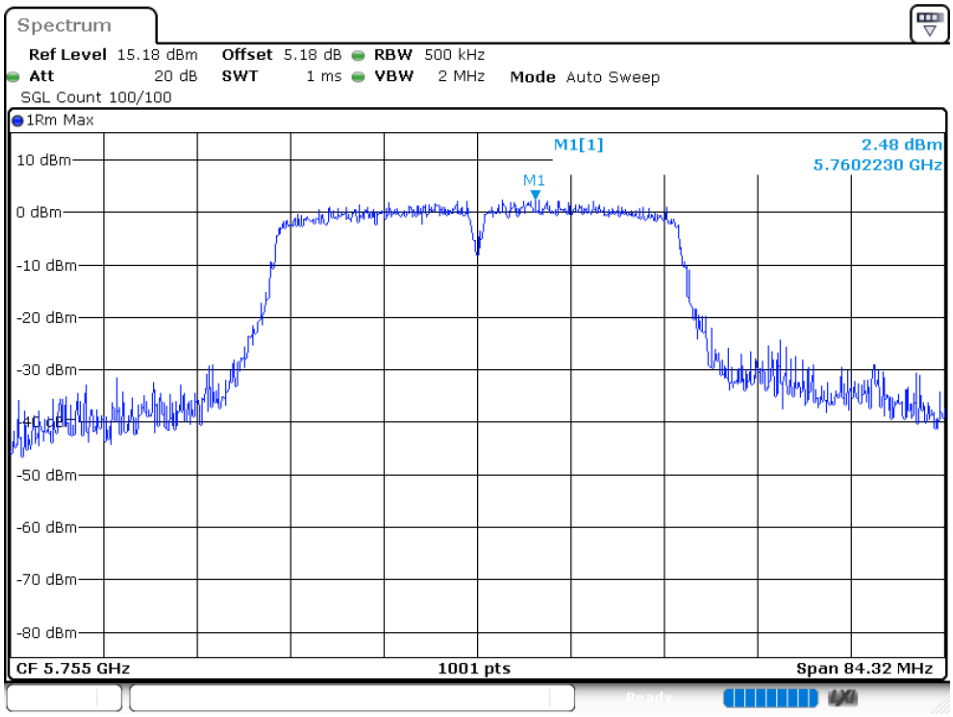
PSD NVNT 802.11n(HT20) 5825MHz Ant2



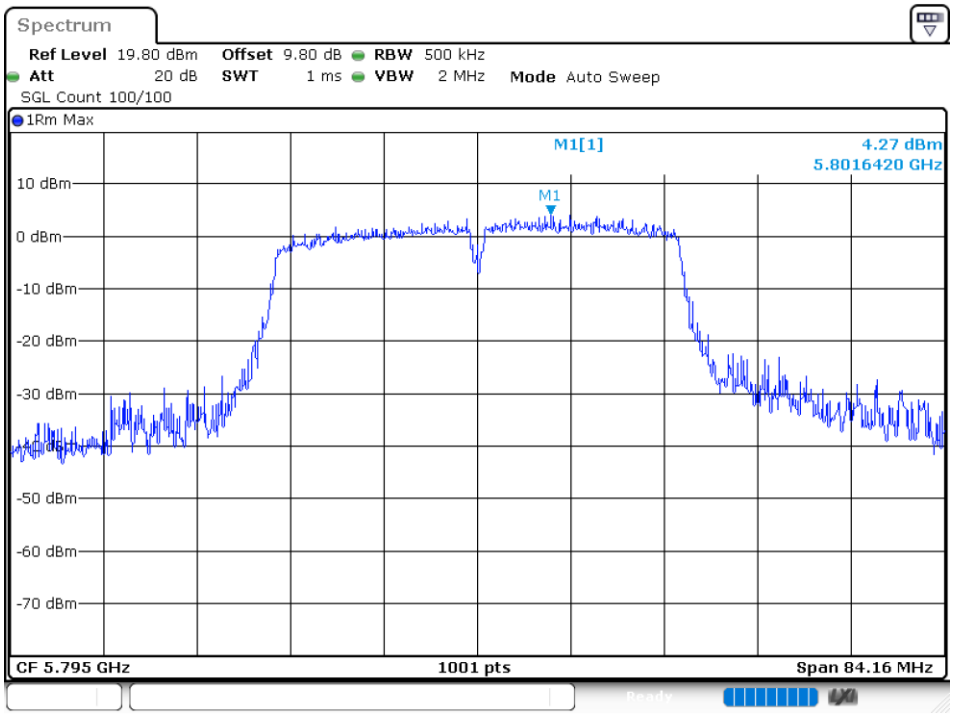
PSD NVNT 802.11n(HT40) 5755MHz Ant1



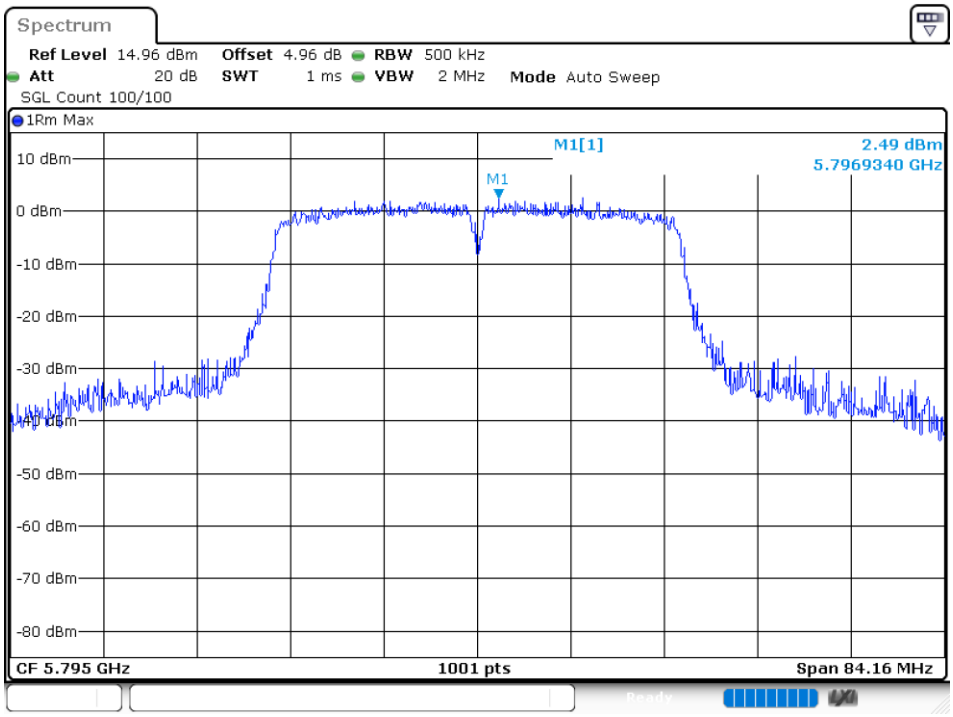
PSD NVNT 802.11n(HT40) 5755MHz Ant2



PSD NVNT 802.11n(HT40) 5795MHz Ant1



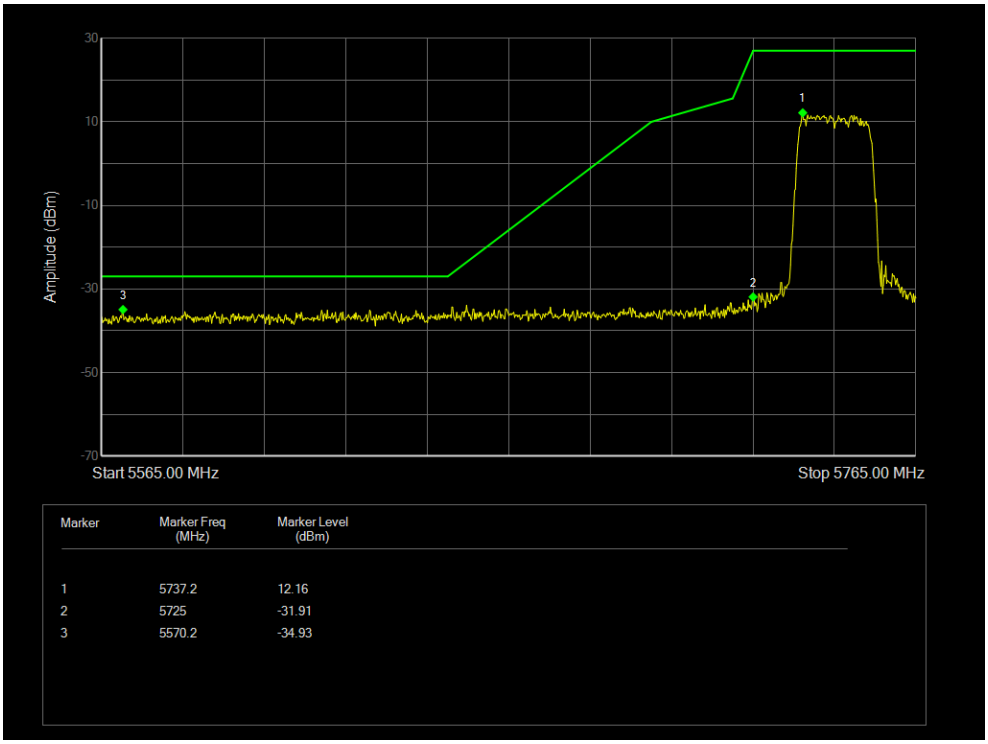
PSD NVNT 802.11n(HT40) 5795MHz Ant2



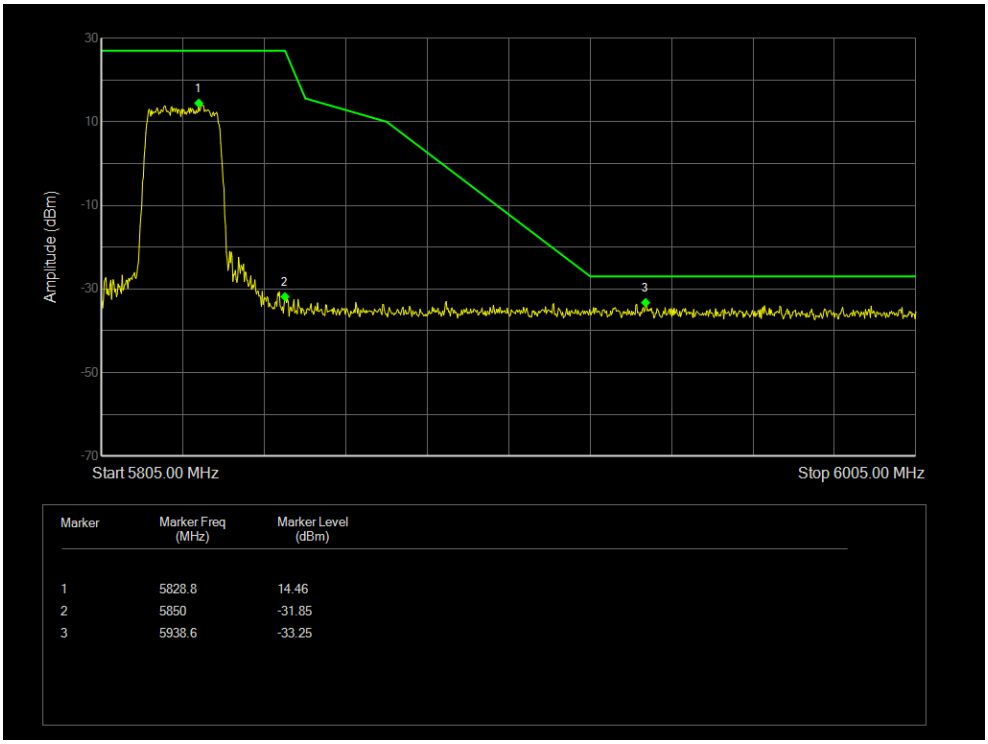
Band Edge

Condition	Mode	Frequency (MHz)	Antenna	Max Value (dBm)	Limit (dBm)	Verdict
NVNT	802.11ac20	5745	Sum	-34.93	-27	Pass
NVNT	802.11ac20	5825	Sum	-33.25	-27	Pass
NVNT	802.11ac40	5755	Sum	-34.29	-27	Pass
NVNT	802.11ac40	5795	Sum	-33.56	-27	Pass
NVNT	802.11ac80	5775	Sum	-35.11	-4.5	Pass
NVNT	802.11ac80	5775	Sum	-36.28	-23.3	Pass
NVNT	802.11n(HT20)	5745	Sum	-34.54	-27	Pass
NVNT	802.11n(HT20)	5825	Sum	-33.51	-27	Pass
NVNT	802.11n(HT40)	5755	Sum	-34.63	-27	Pass
NVNT	802.11n(HT40)	5795	Sum	-33.52	-27	Pass

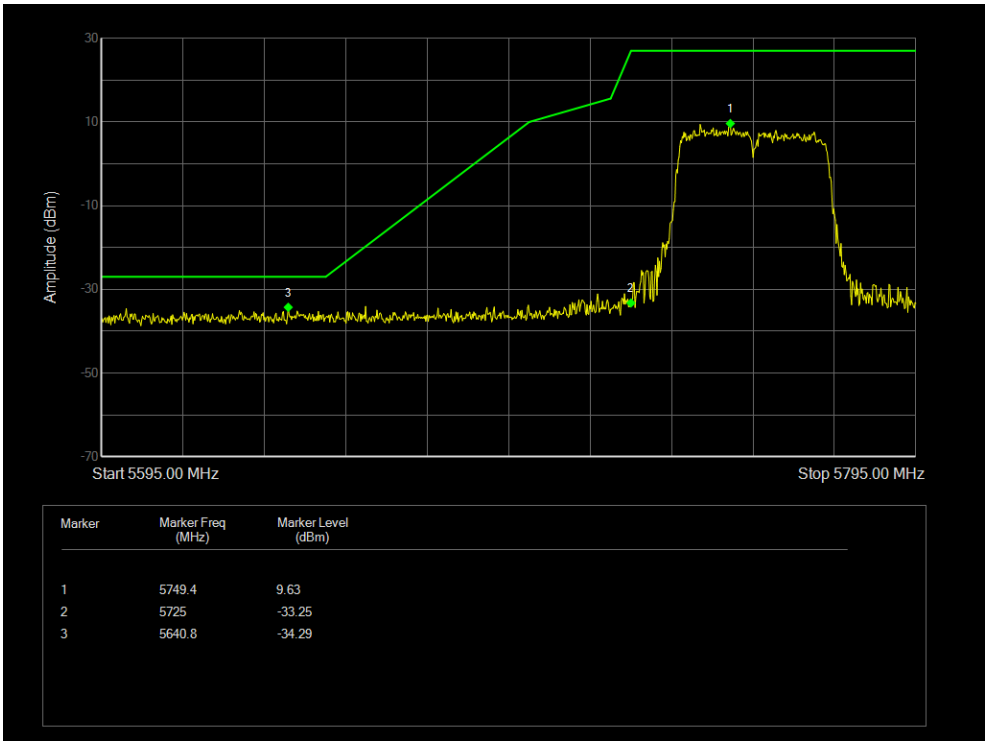
Band Edge NVNT 802.11ac20 5745MHz Low Sum



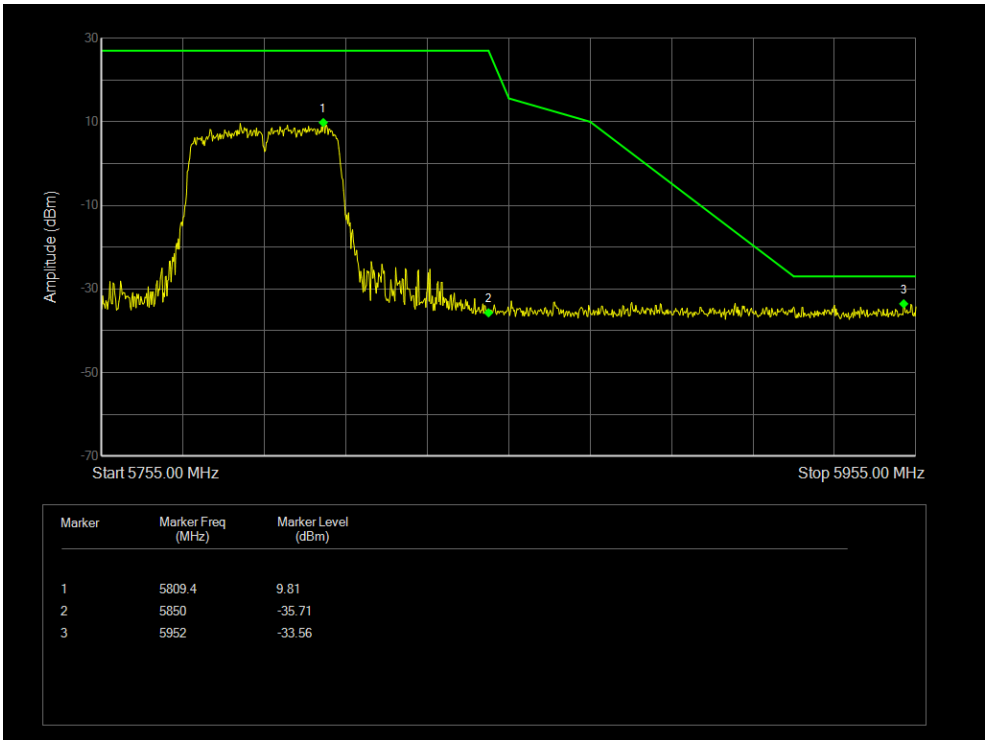
Band Edge NVNT 802.11ac20 5825MHz High Sum



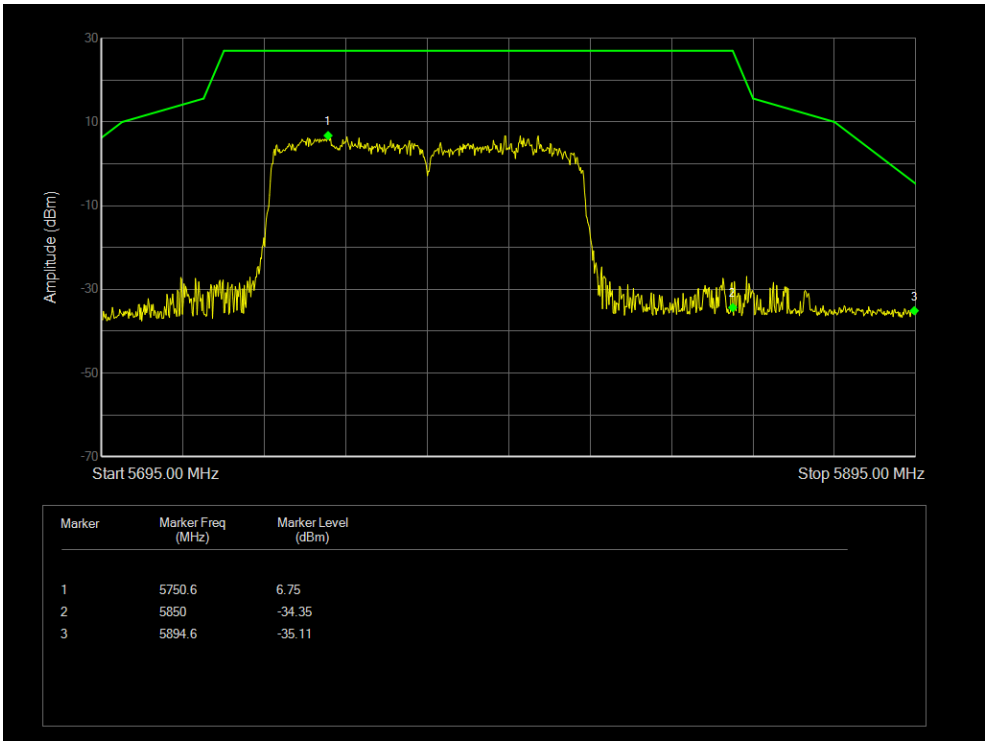
Band Edge NVNT 802.11ac40 5755MHz Low Sum



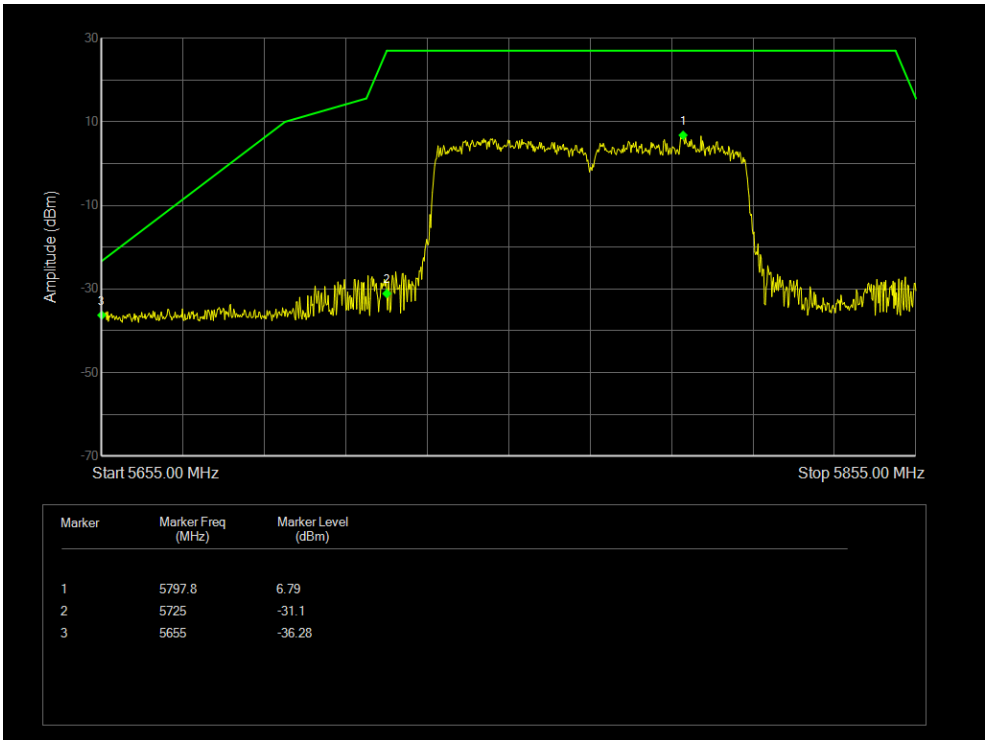
Band Edge NVNT 802.11ac40 5795MHz High Sum



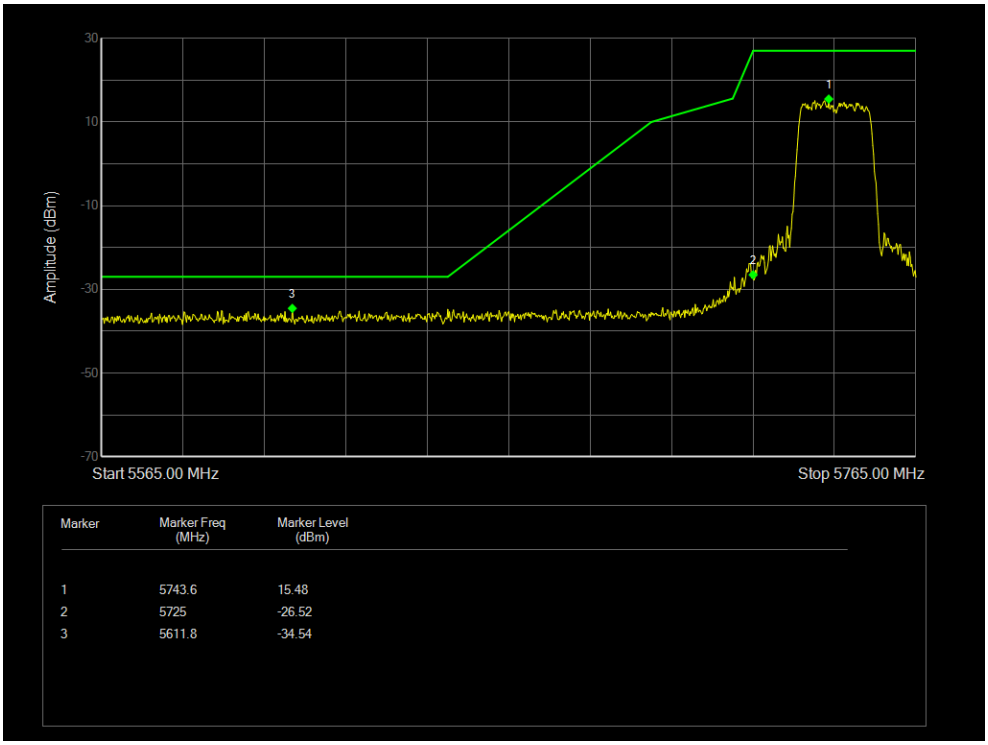
Band Edge NVNT 802.11ac80 5775MHz High Sum



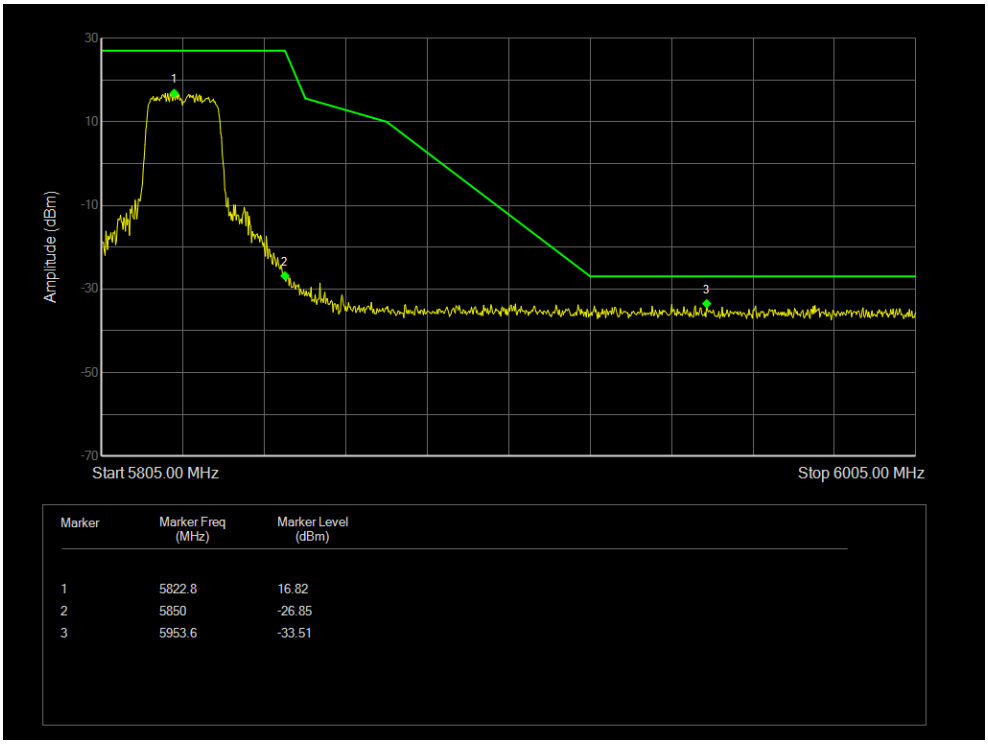
Band Edge NVNT 802.11ac80 5775MHz Low Sum



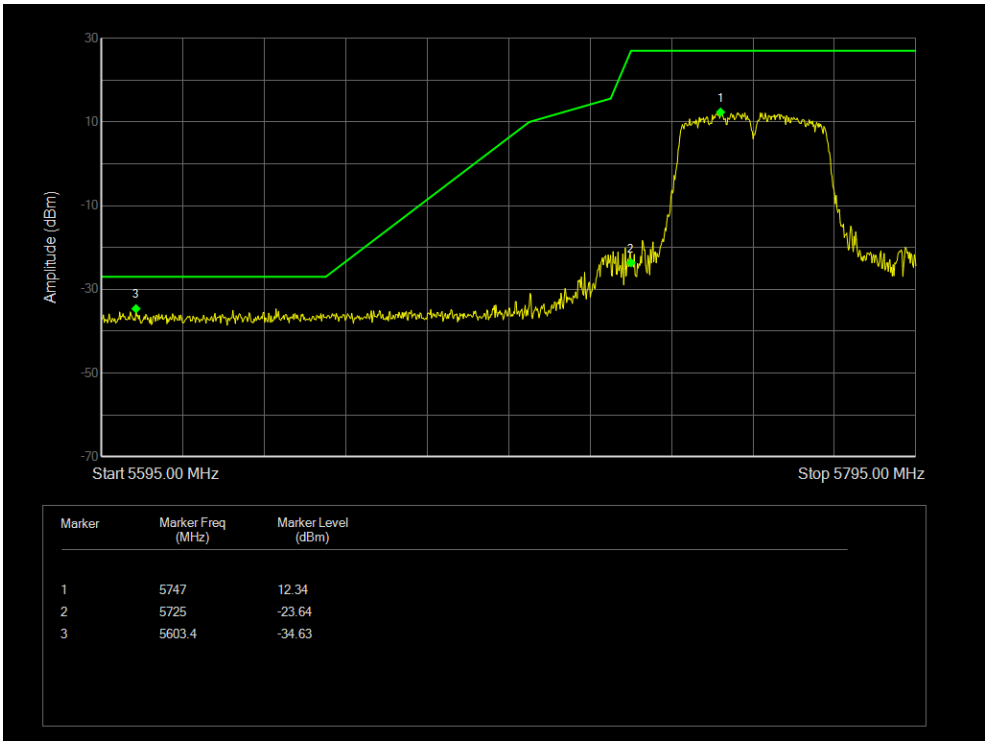
Band Edge NVNT 802.11n(HT20) 5745MHz Low Sum



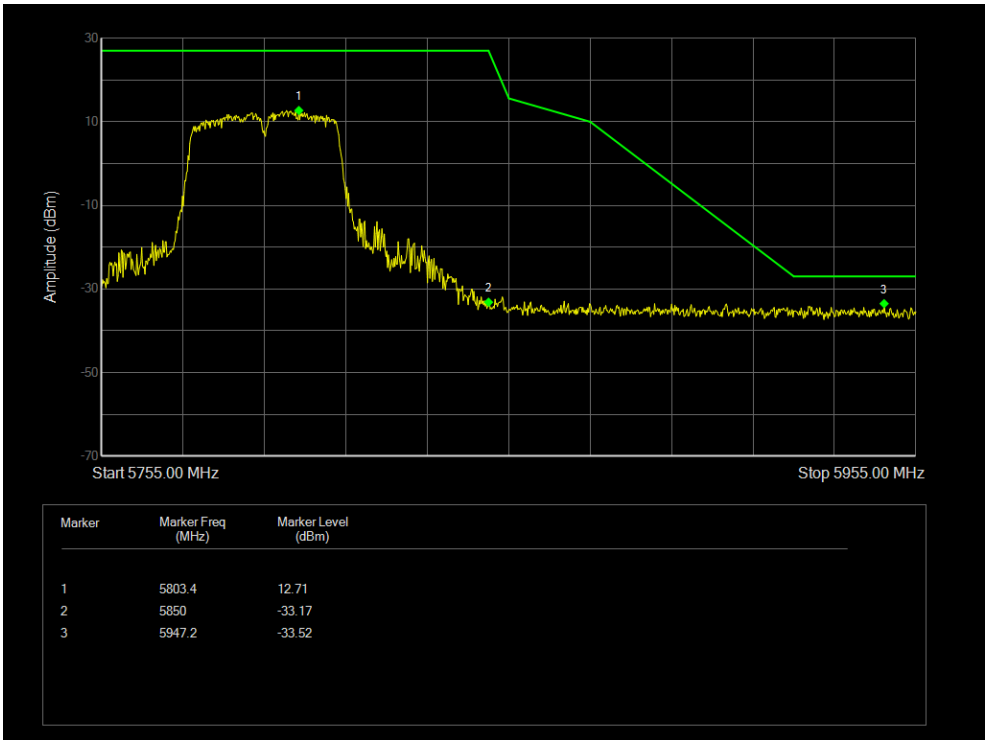
Band Edge NVNT 802.11n(HT20) 5825MHz High Sum



Band Edge NVNT 802.11n(HT40) 5755MHz Low Sum



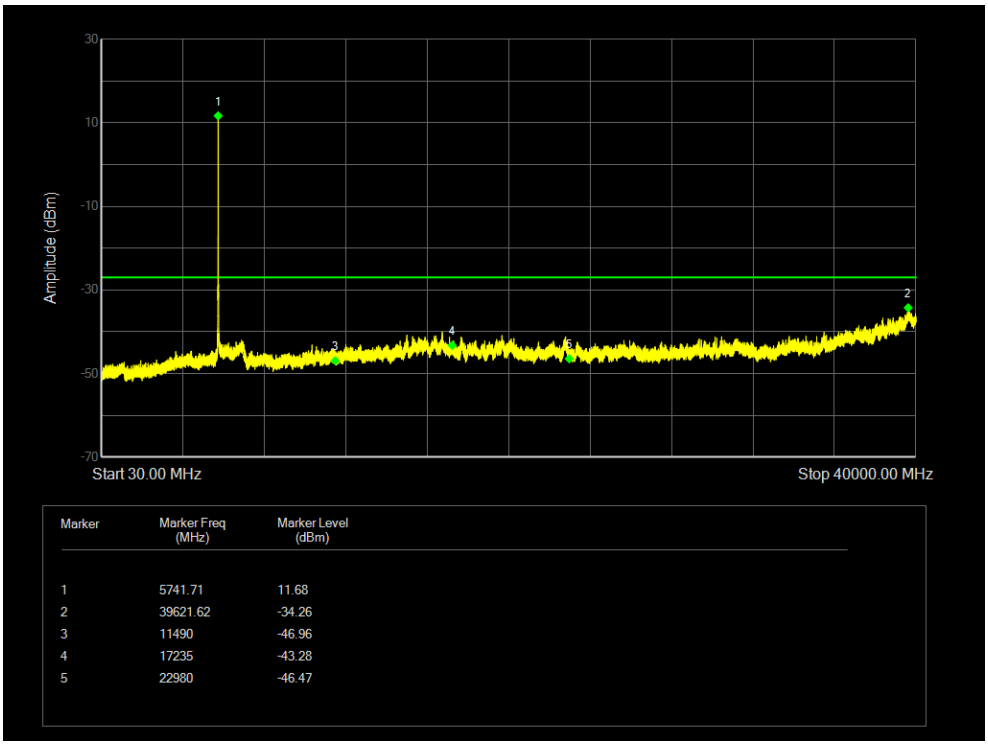
Band Edge NVNT 802.11n(HT40) 5795MHz High Sum



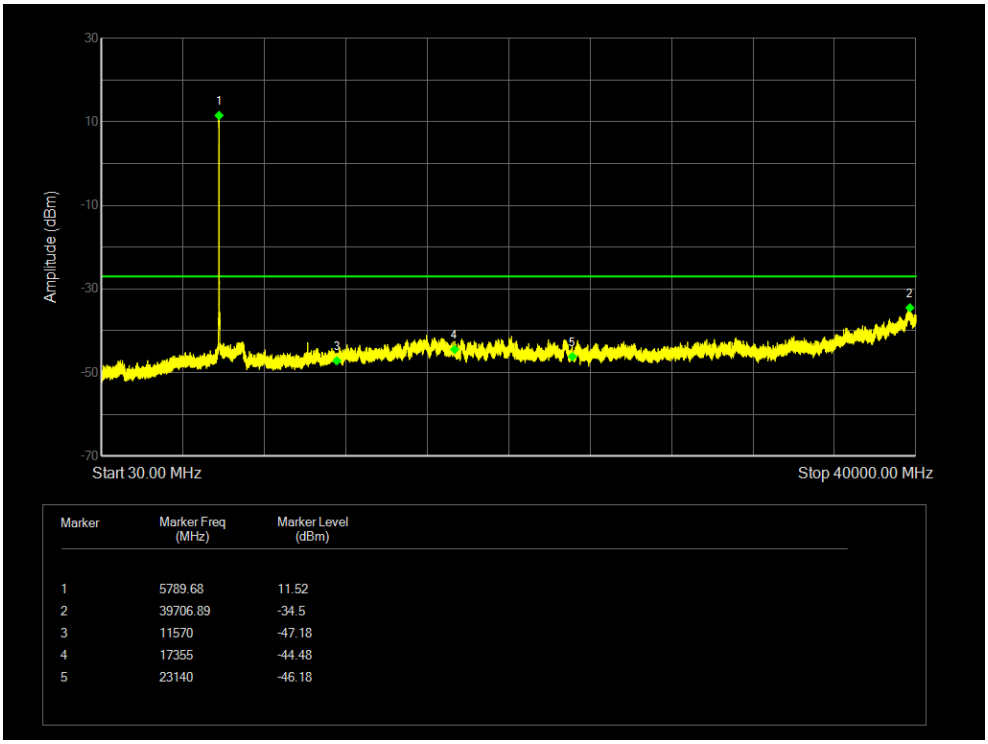
Conducted RF Spurious Emission

Condition	Mode	Frequency (MHz)	Antenna	Max Value (dBc)	Limit (dBc)	Verdict
NVNT	802.11ac20	5745	Sum	-34.26	-27	Pass
NVNT	802.11ac20	5785	Sum	-34.5	-27	Pass
NVNT	802.11ac20	5825	Sum	-34.96	-27	Pass
NVNT	802.11ac40	5755	Sum	-34.71	-27	Pass
NVNT	802.11ac40	5795	Sum	-34.59	-27	Pass
NVNT	802.11ac80	5775	Sum	-33.7	-27	Pass
NVNT	802.11n(HT20)	5745	Sum	-34.89	-27	Pass
NVNT	802.11n(HT20)	5785	Sum	-34.35	-27	Pass
NVNT	802.11n(HT20)	5825	Sum	-33.71	-27	Pass
NVNT	802.11n(HT40)	5755	Sum	-34.75	-27	Pass
NVNT	802.11n(HT40)	5795	Sum	-34.35	-27	Pass

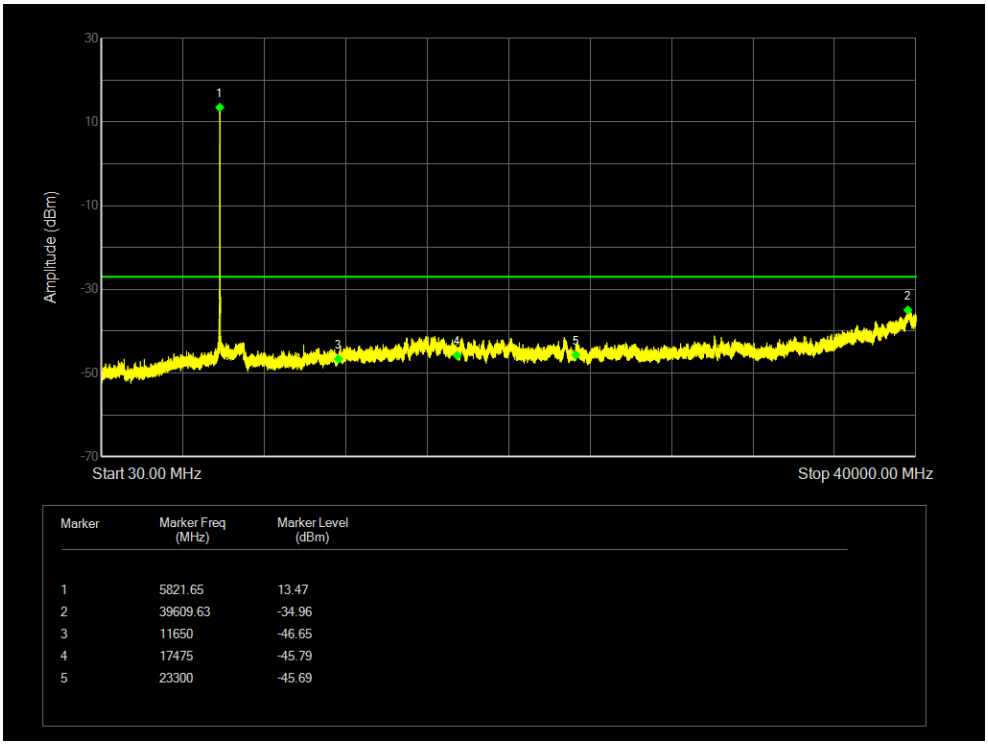
Tx. Spurious NVNT 802.11ac20 5745MHz Sum Emission



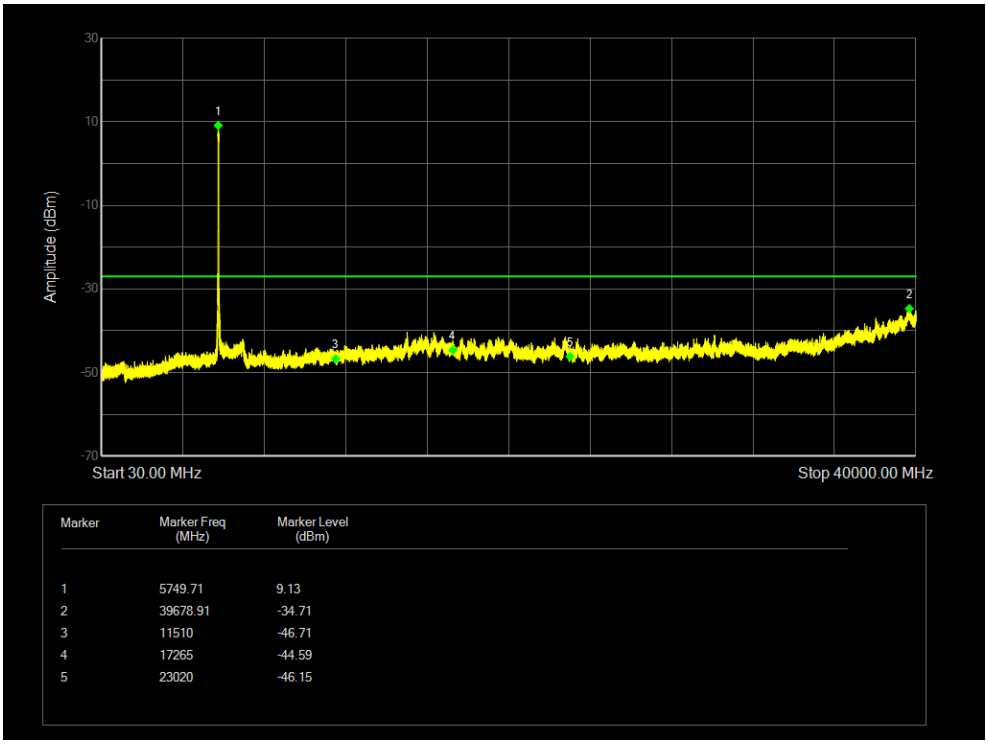
Tx. Spurious NVNT 802.11ac20 5785MHz Sum Emission



Tx. Spurious NVNT 802.11ac20 5825MHz Sum Emission

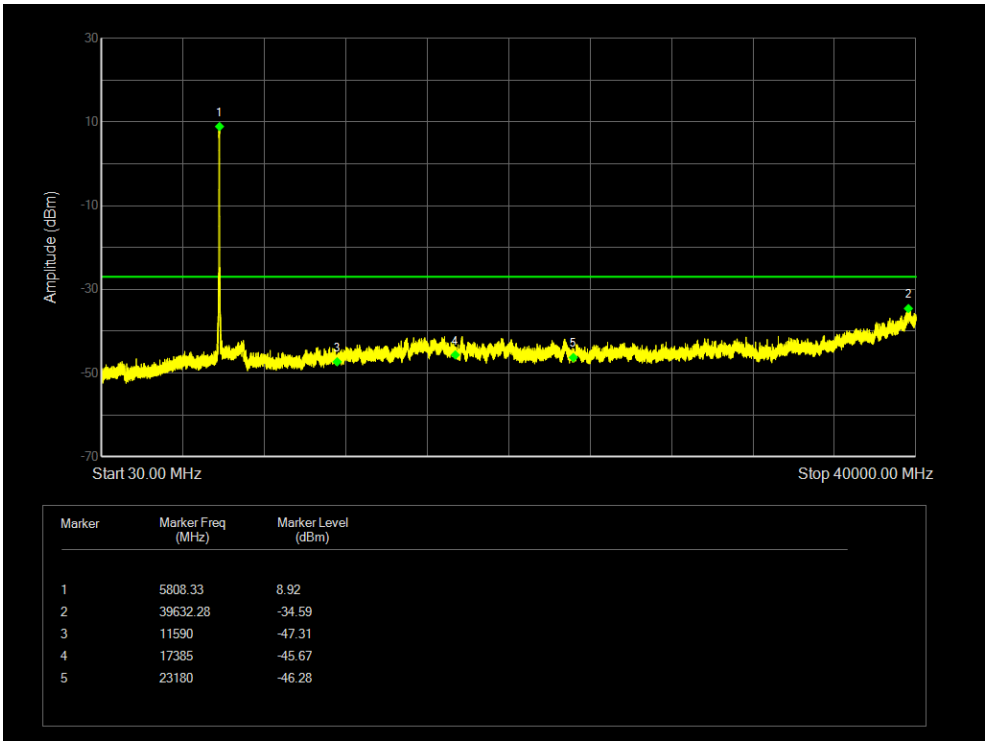


Tx. Spurious NVNT 802.11ac40 5755MHz Sum Emission



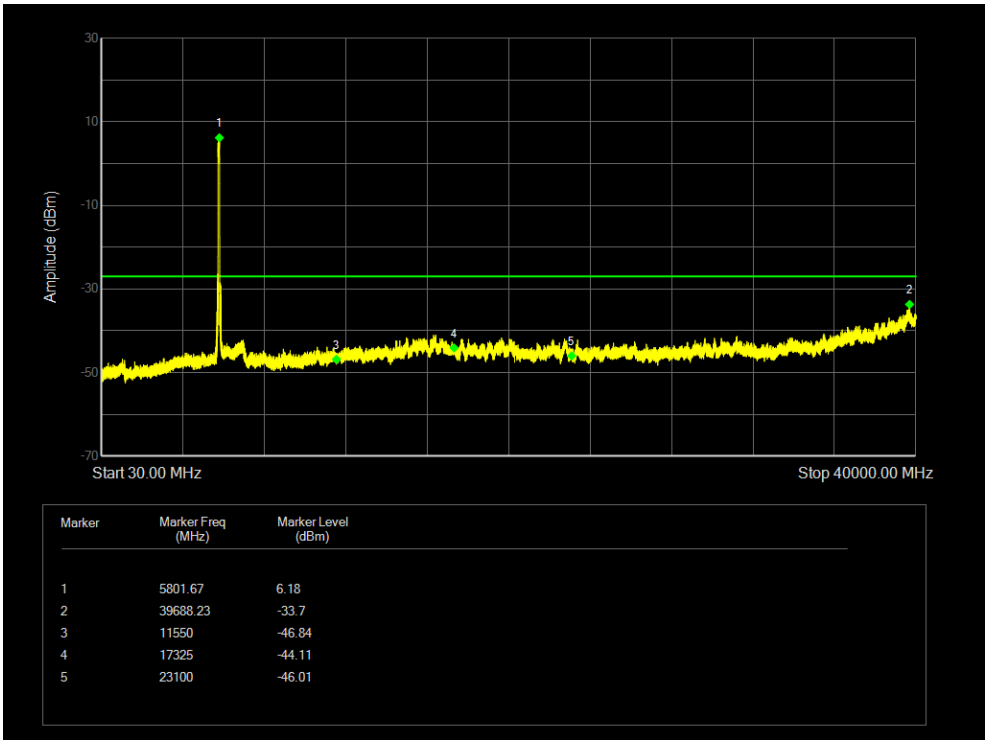
Marker	Marker Freq (MHz)	Marker Level (dBm)
1	5749.71	9.13
2	39678.91	-34.71
3	11510	-46.71
4	17265	-44.59
5	23020	-46.15

Tx. Spurious NVNT 802.11ac40 5795MHz Sum Emission

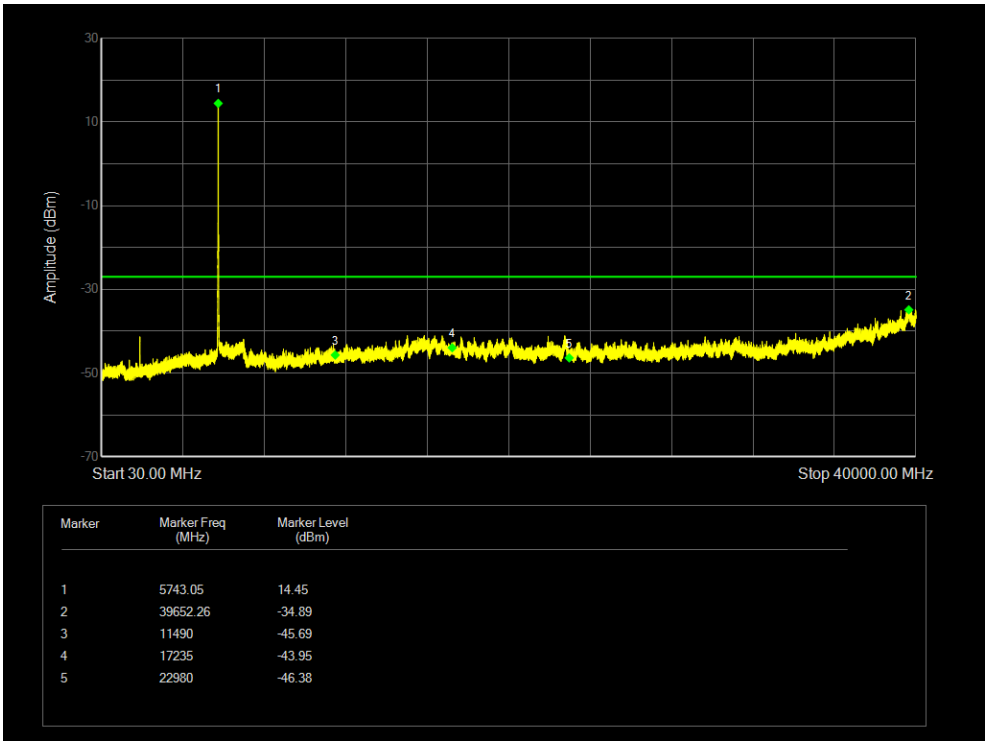


Marker	Marker Freq (MHz)	Marker Level (dBm)
1	5808.33	8.92
2	39632.28	-34.59
3	11590	-47.31
4	17385	-45.67
5	23180	-46.28

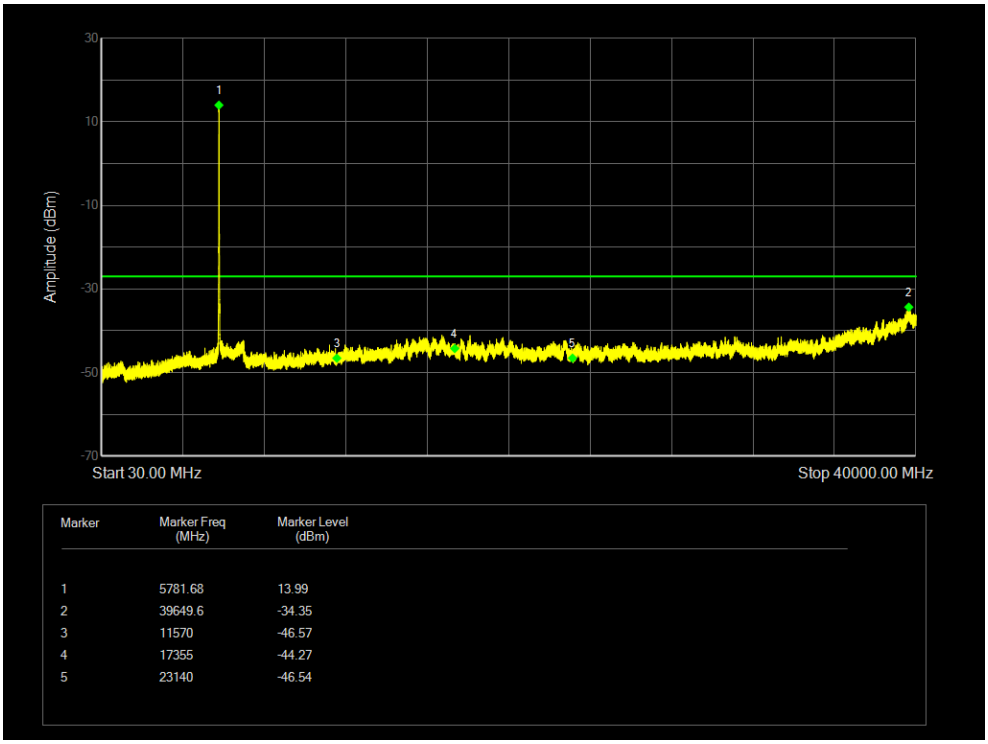
Tx. Spurious NVNT 802.11ac80 5775MHz Sum Emission



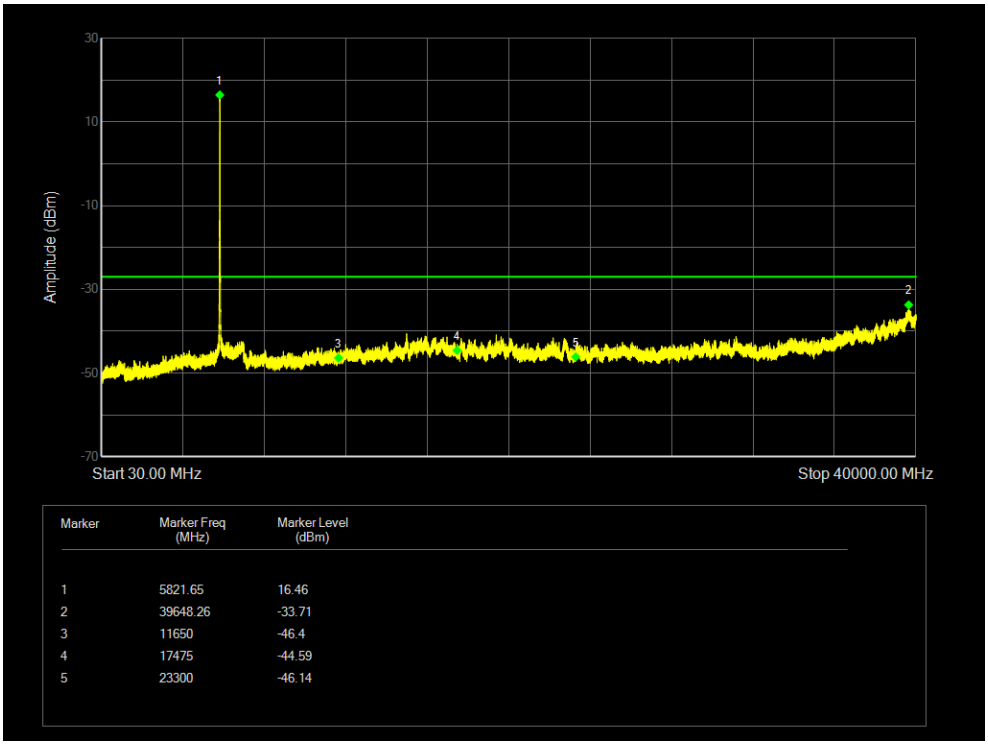
Tx. Spurious NVNT 802.11n(HT20) 5745MHz Sum Emission



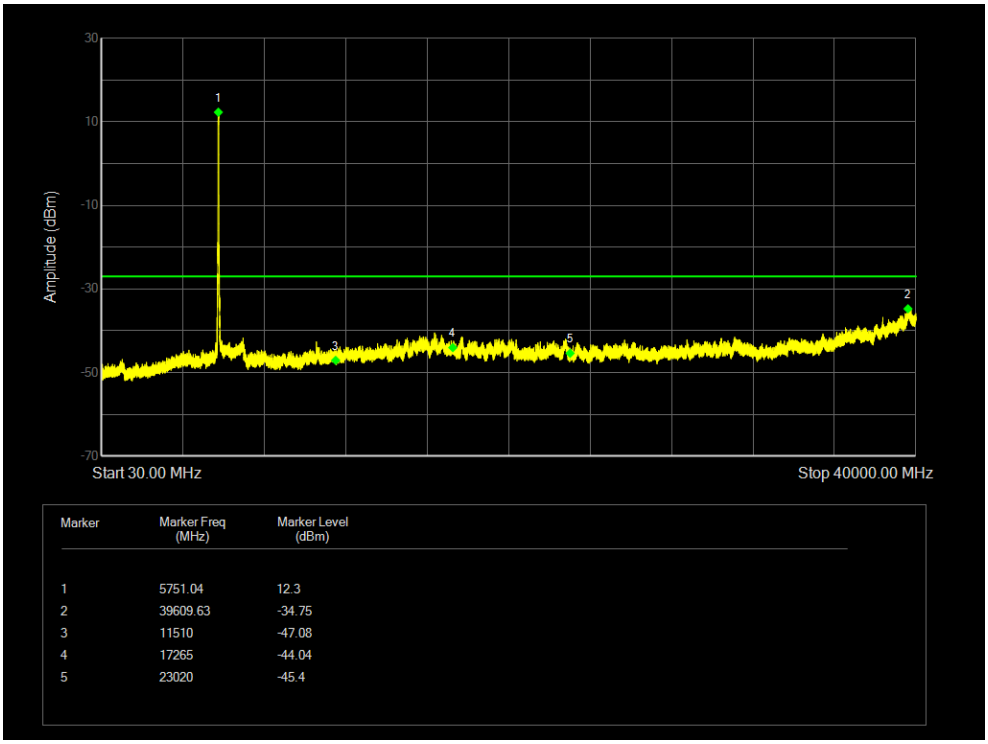
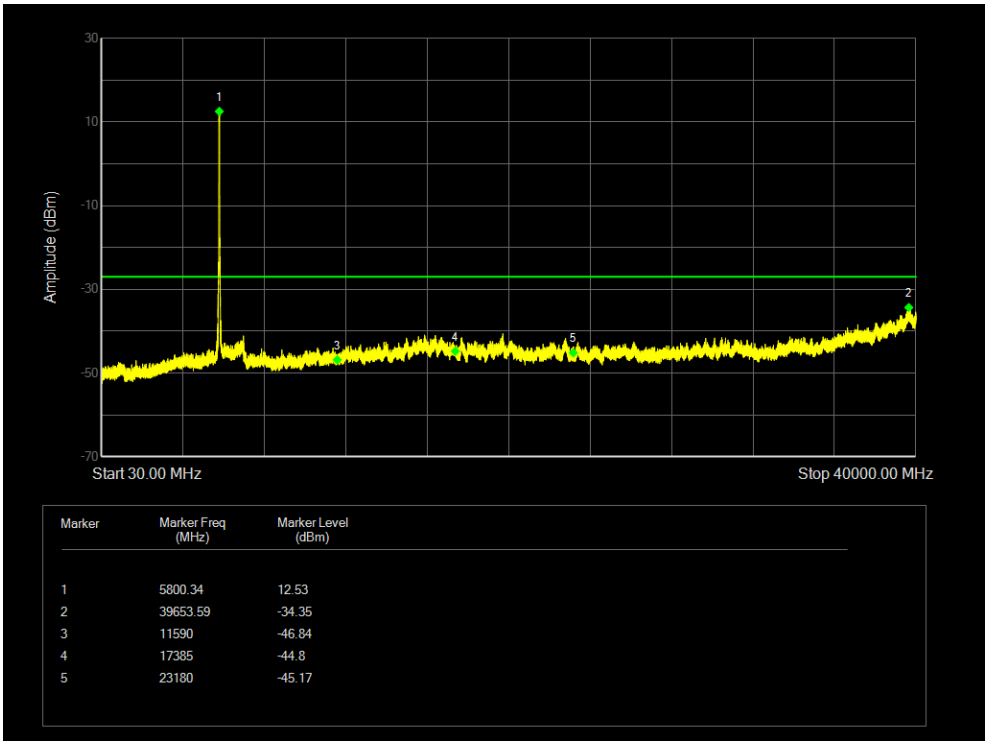
Tx. Spurious NVNT 802.11n(HT20) 5785MHz Sum Emission



Tx. Spurious NVNT 802.11n(HT20) 5825MHz Sum Emission



Tx. Spurious NVNT 802.11n(HT40) 5755MHz Sum Emission



Tx. Spurious NVNT 802.11n(HT40) 5795MHz Sum Emission