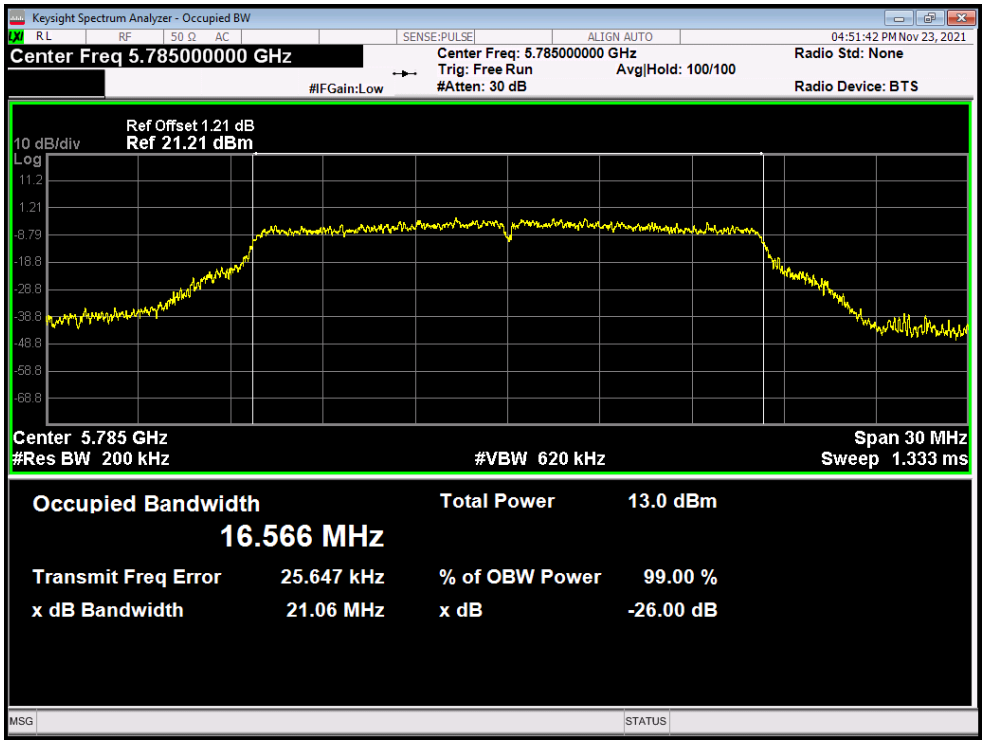
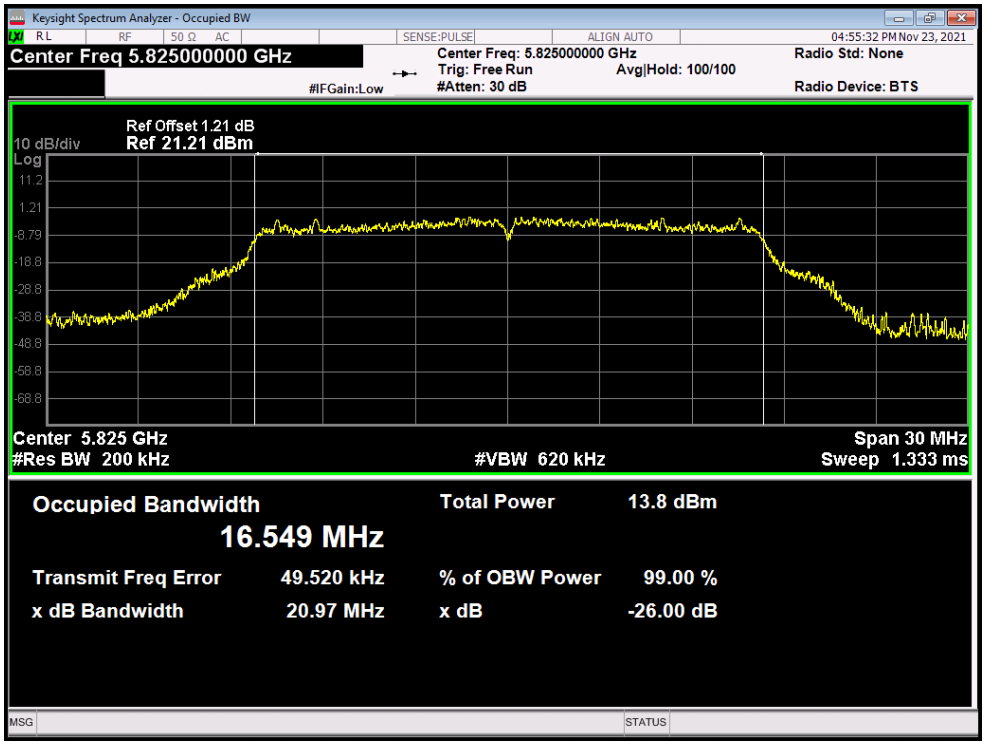
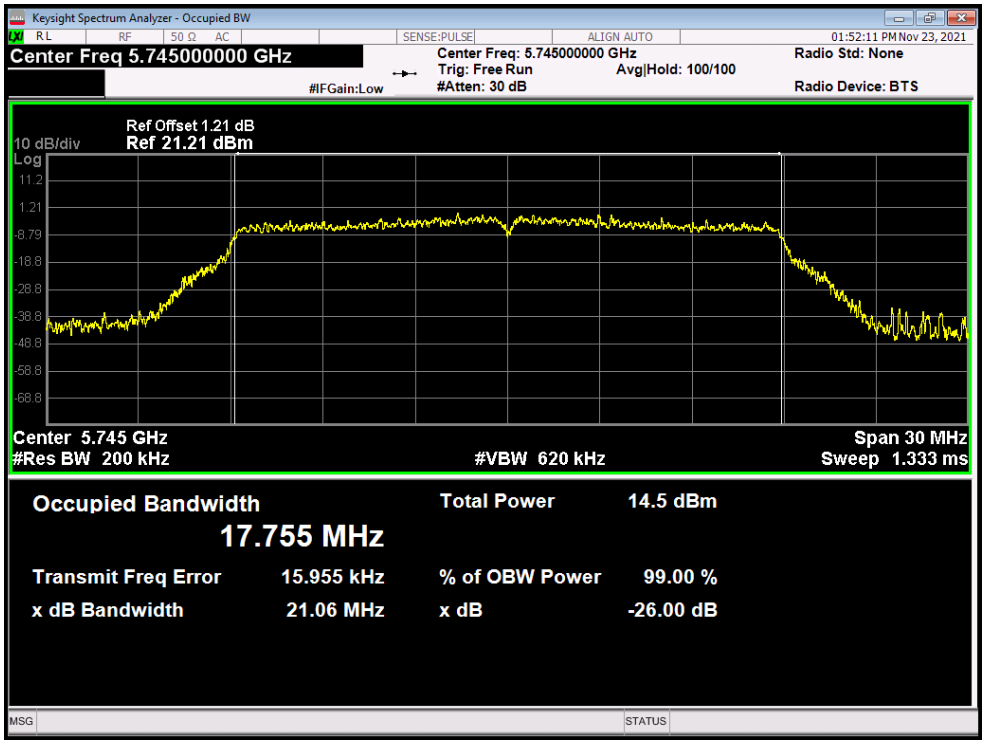
OBW NVNT a 5785MHz Ant2



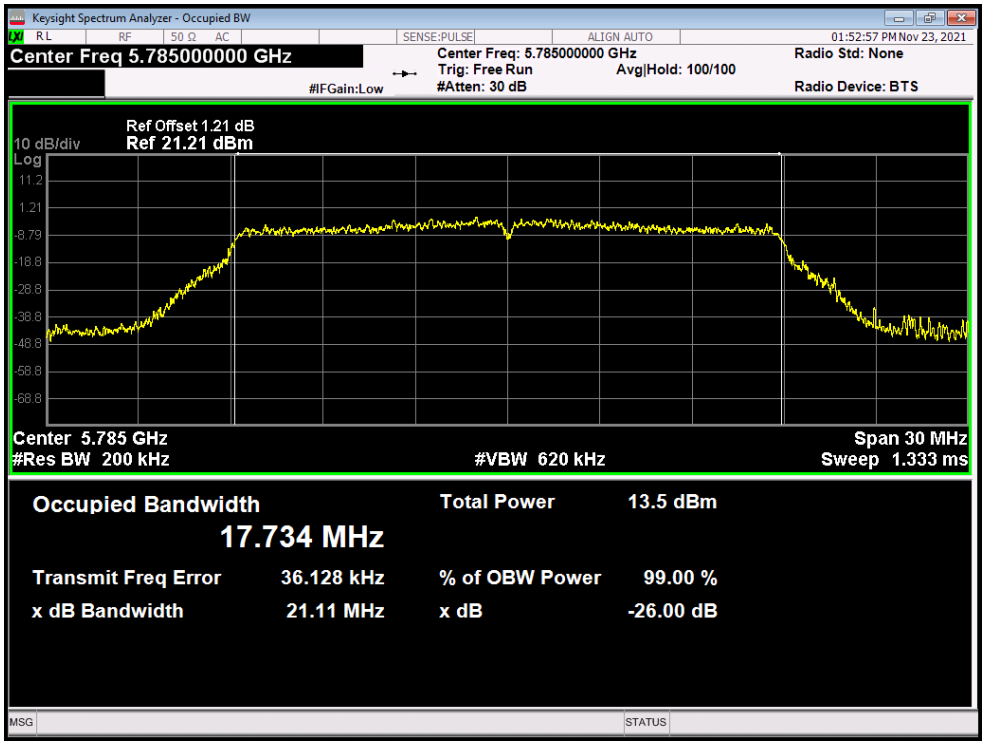
OBW NVNT a 5825MHz Ant2



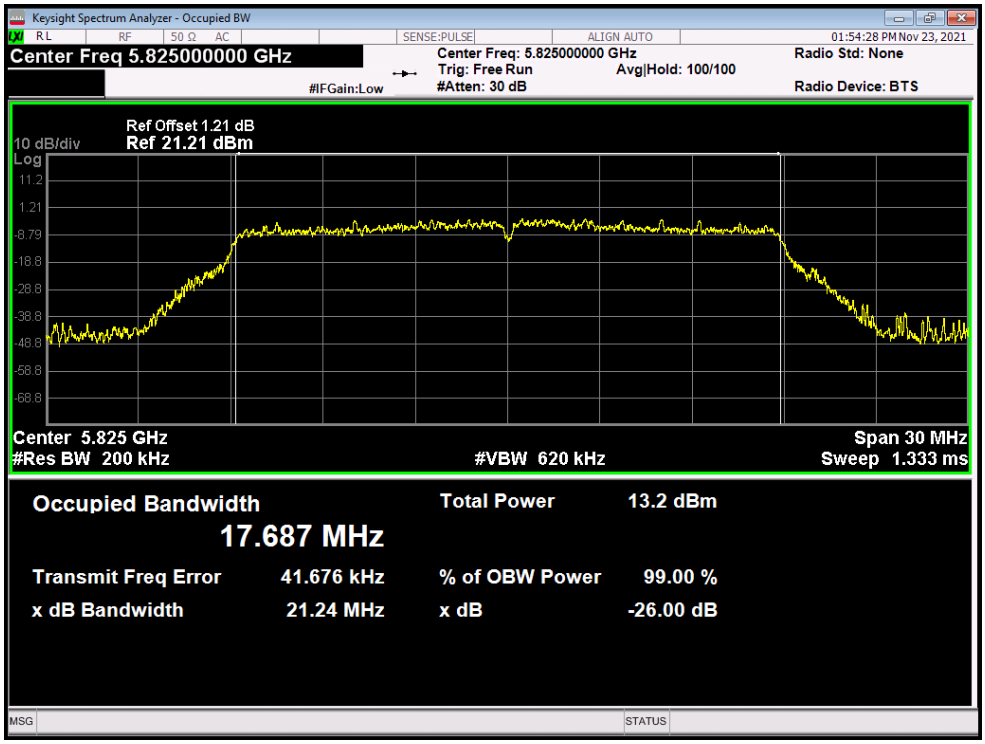
OBW NVNT ac20 5745MHz Ant1



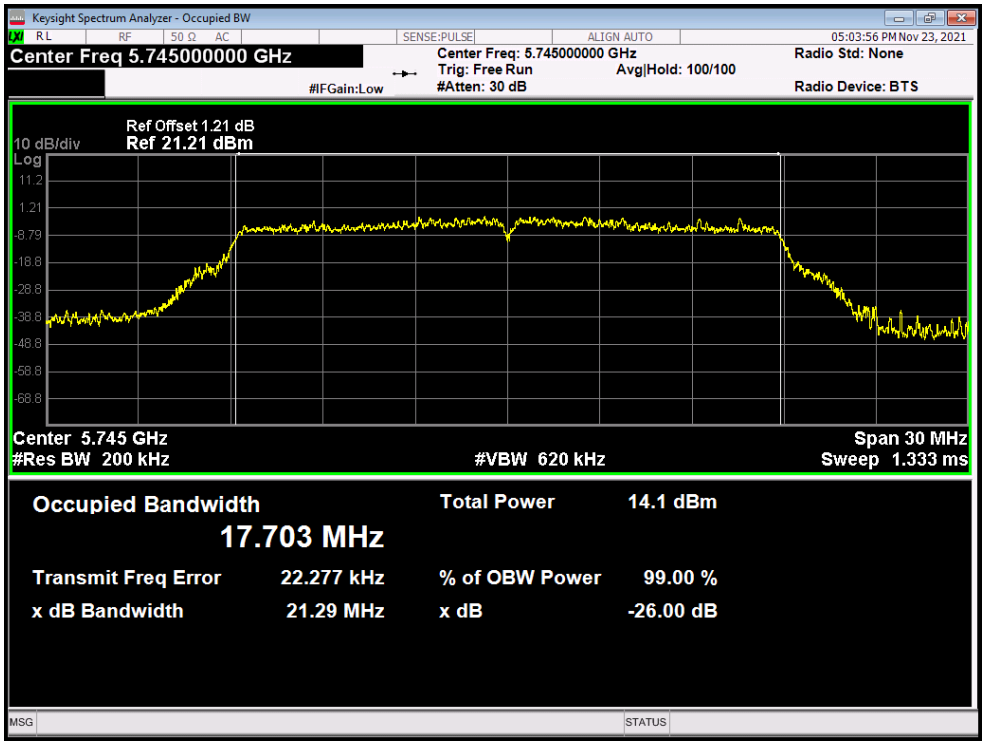
OBW NVNT ac20 5785MHz Ant1



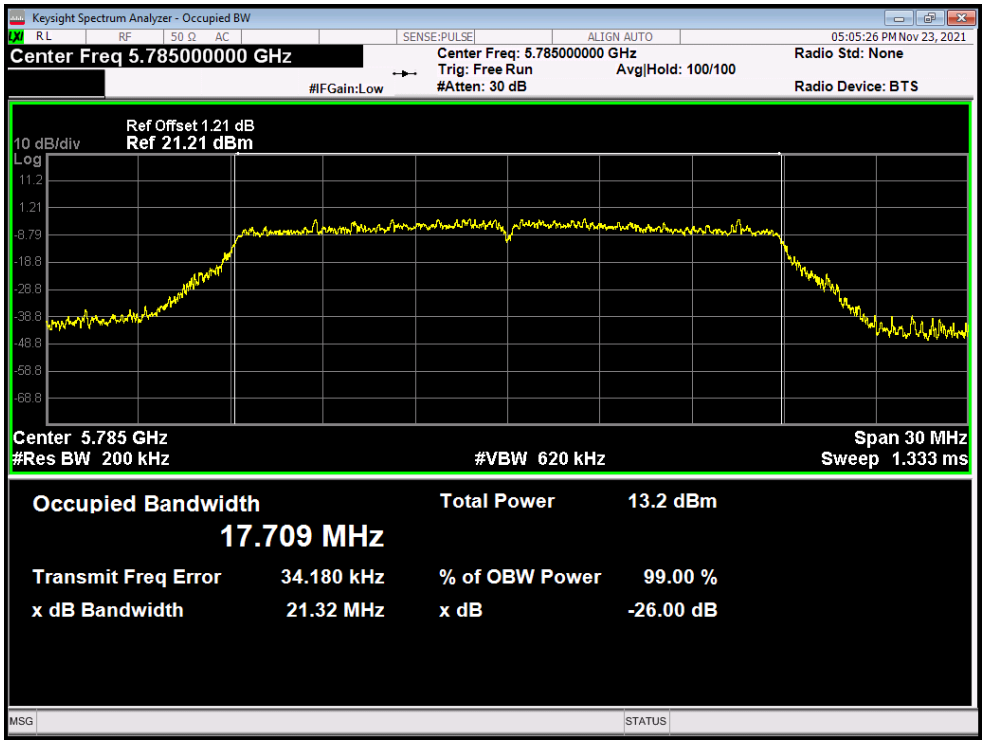
OBW NVNT ac20 5825MHz Ant1



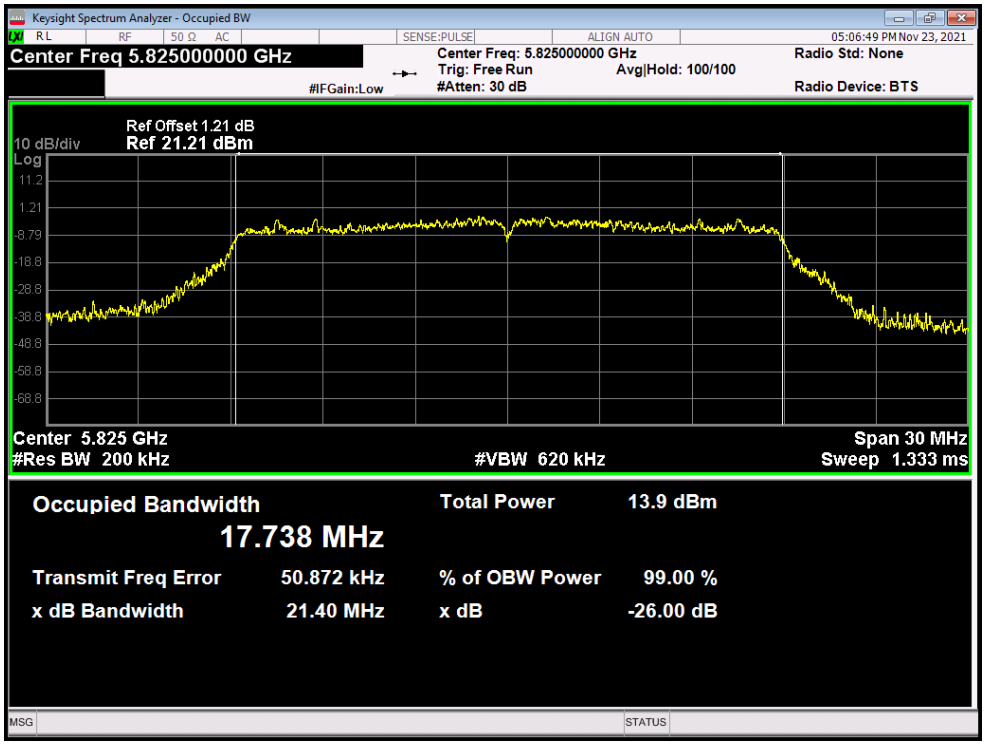
OBW NVNT ac20 5745MHz Ant2



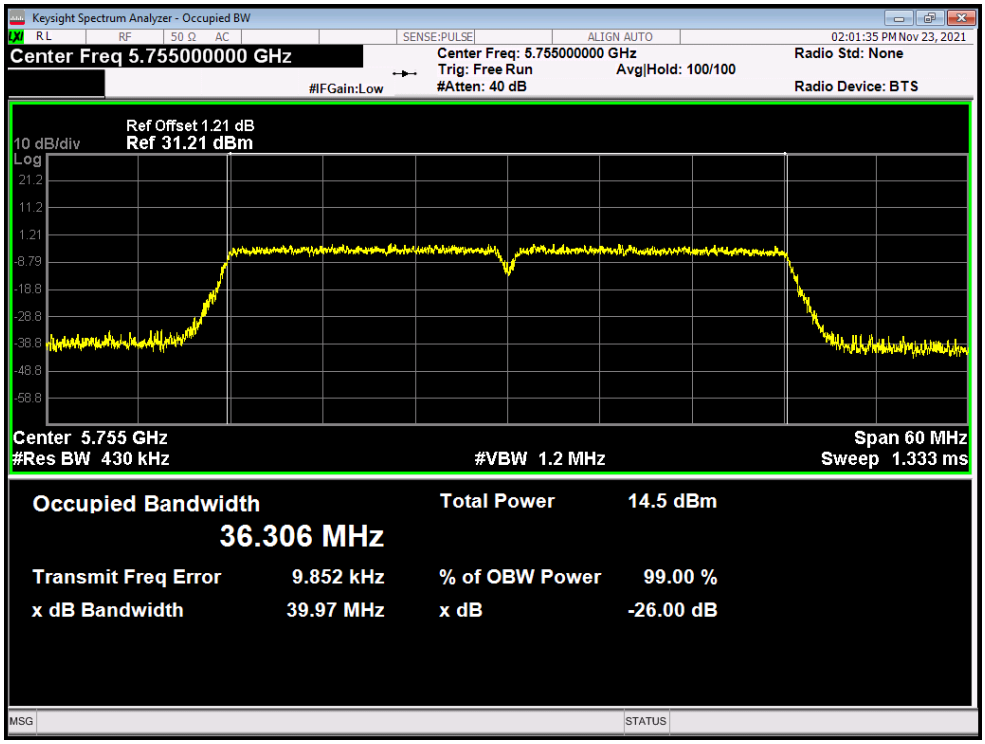
OBW NVNT ac20 5785MHz Ant2



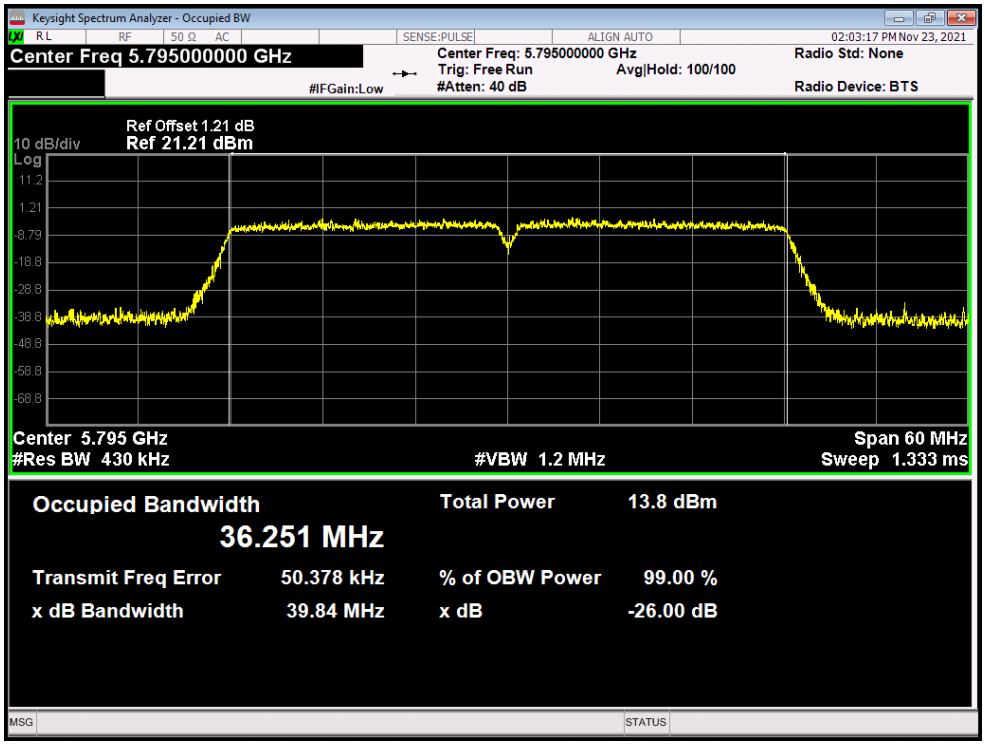
OBW NVNT ac20 5825MHz Ant2



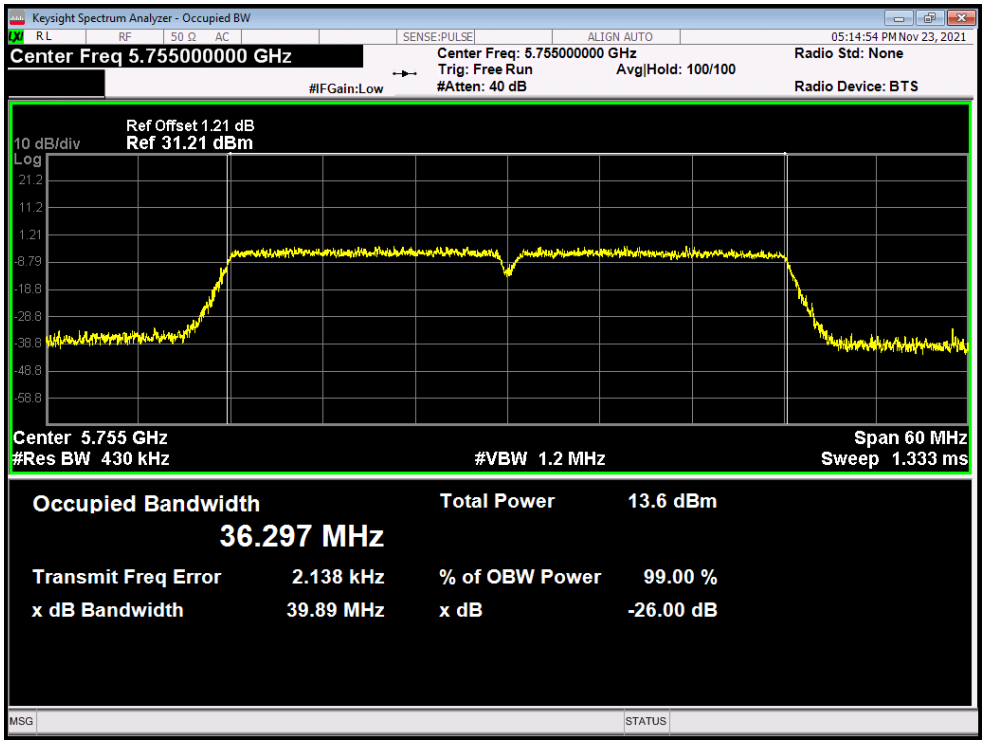
OBW NVNT ac40 5755MHz Ant1



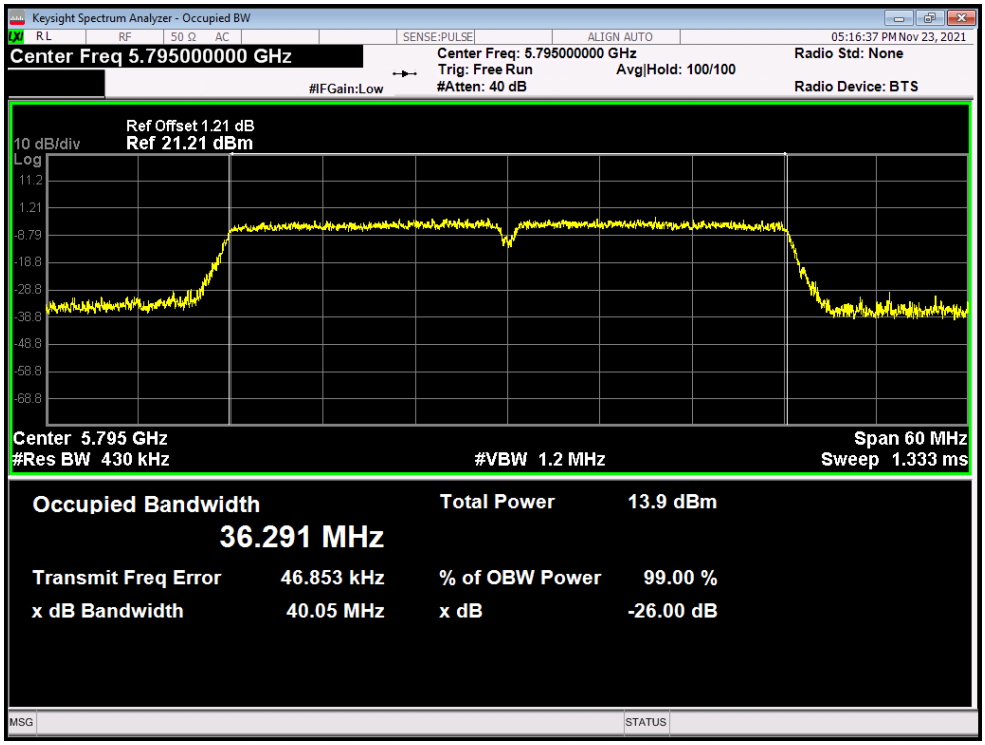
OBW NVNT ac40 5795MHz Ant1



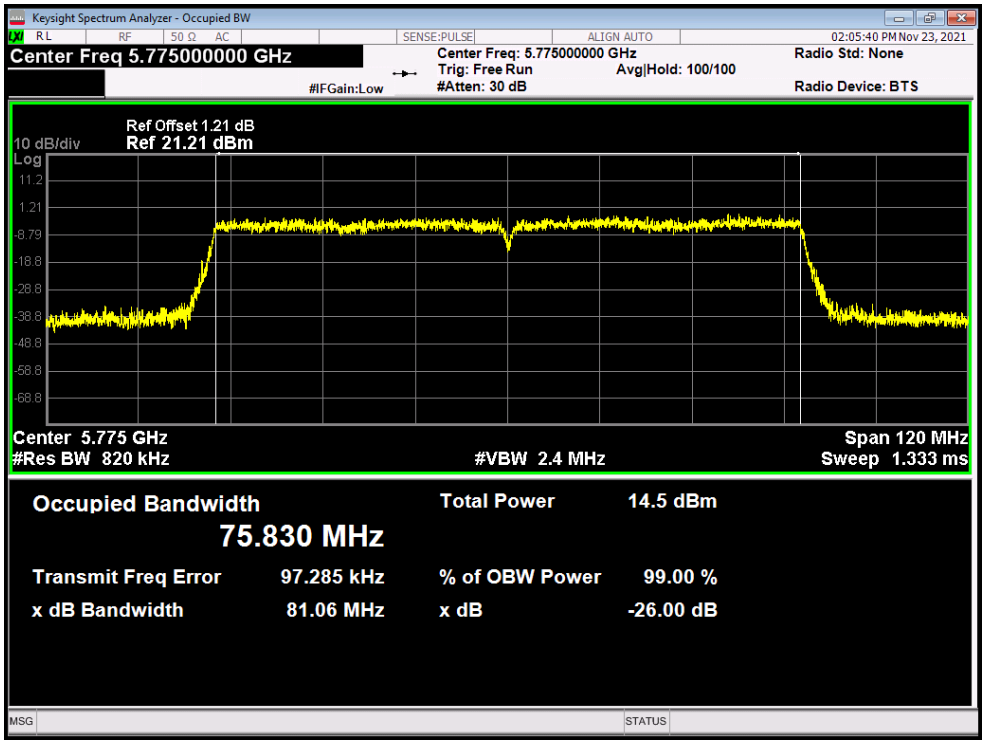
OBW NVNT ac40 5755MHz Ant2



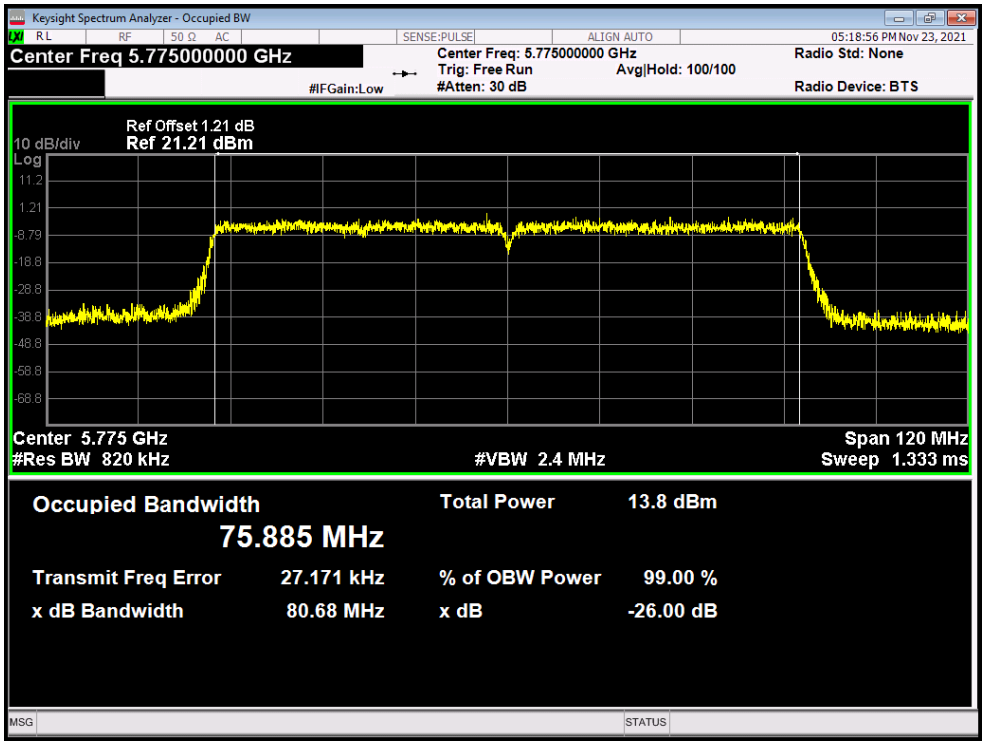
OBW NVNT ac40 5795MHz Ant2



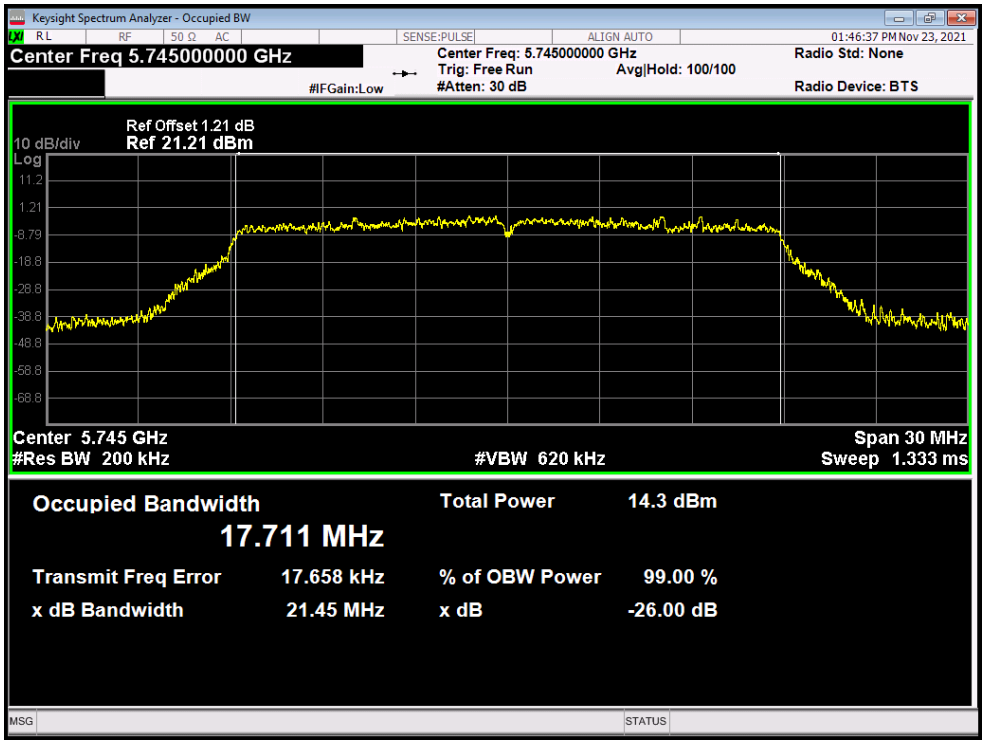
OBW NVNT ac80 5775MHz Ant1



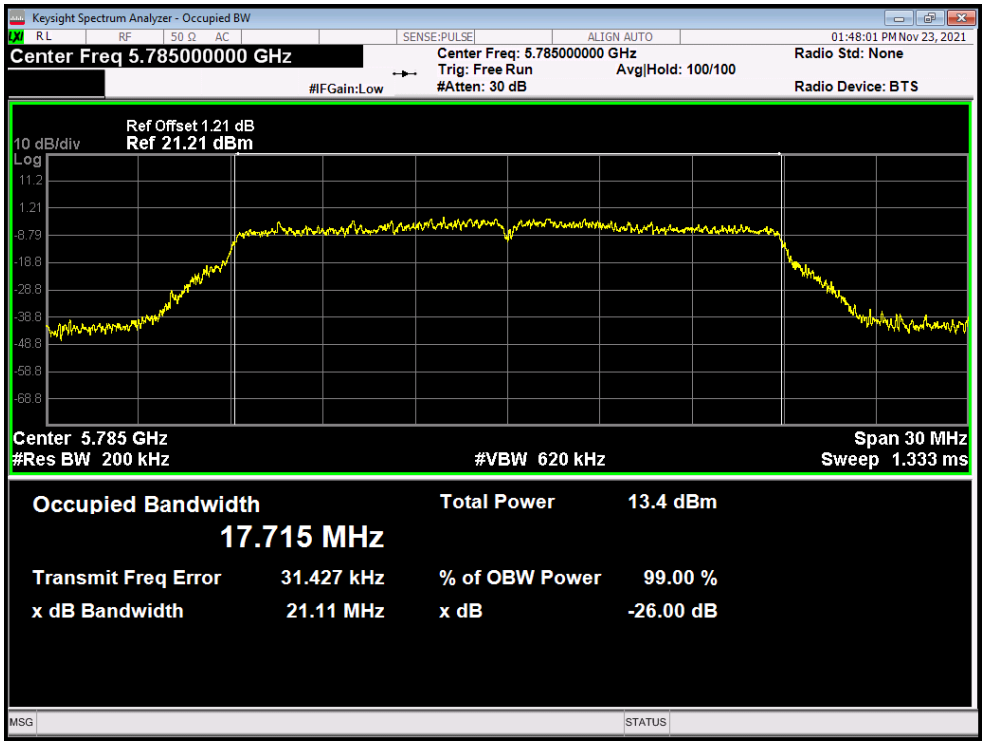
OBW NVNT ac80 5775MHz Ant2



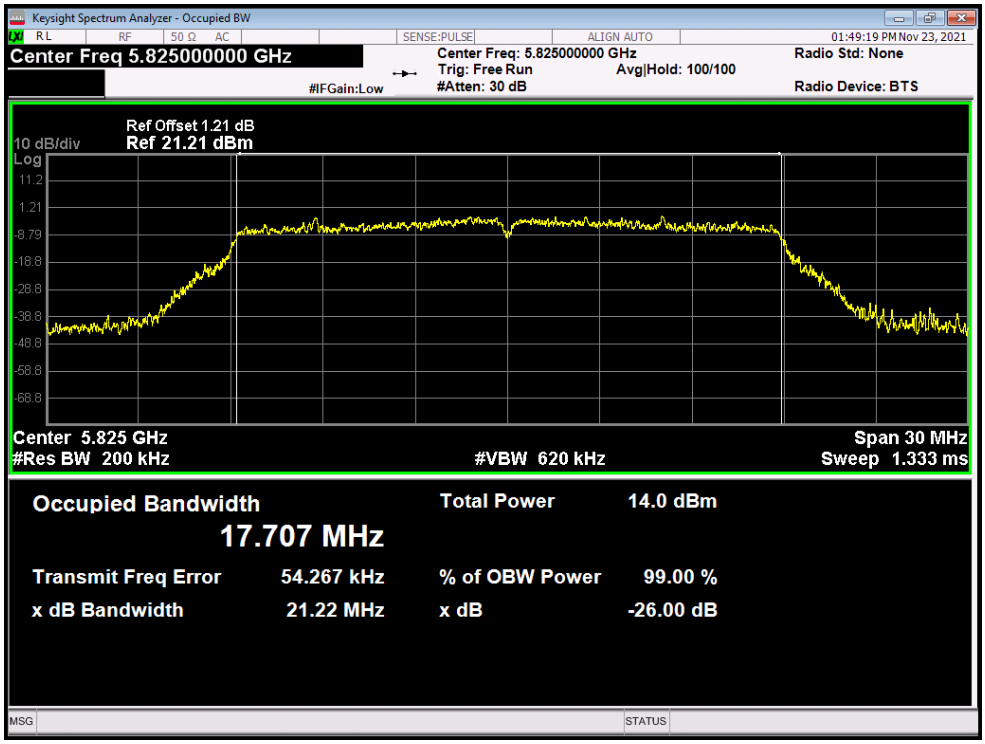
OBW NVNT n20 5745MHz Ant1



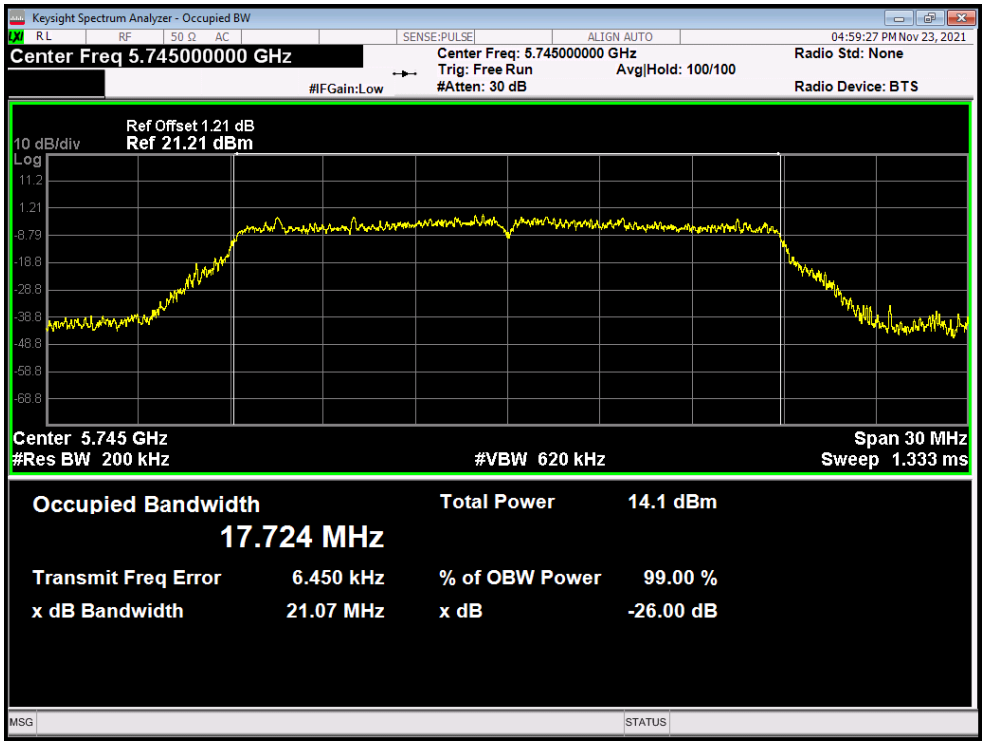
OBW NVNT n20 5785MHz Ant1



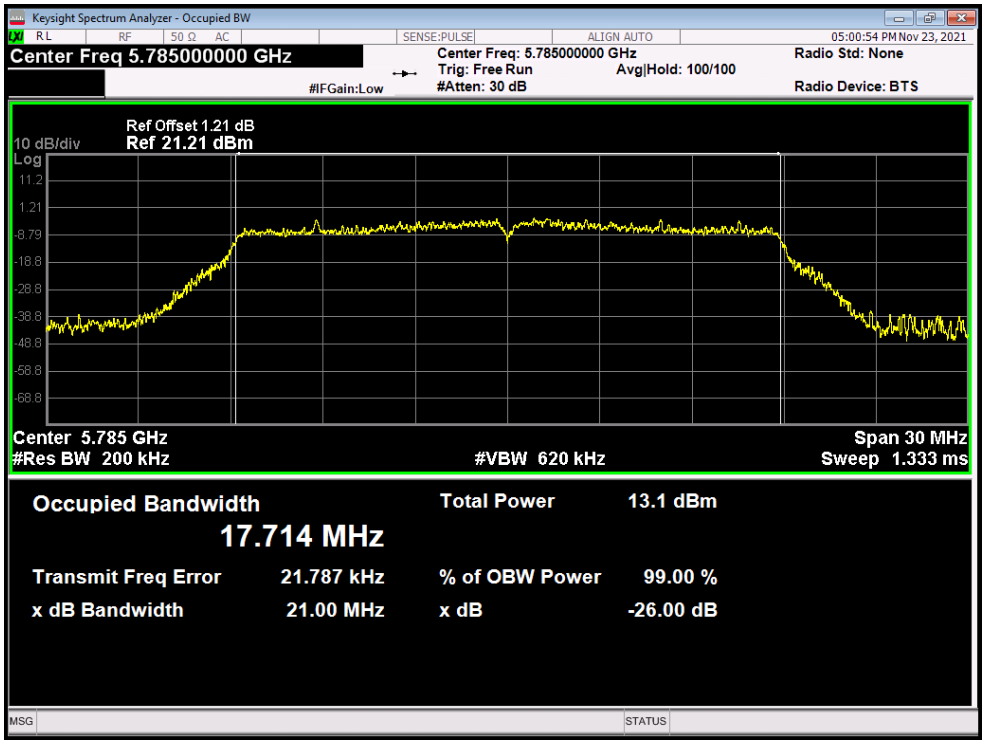
OBW NVNT n20 5825MHz Ant1



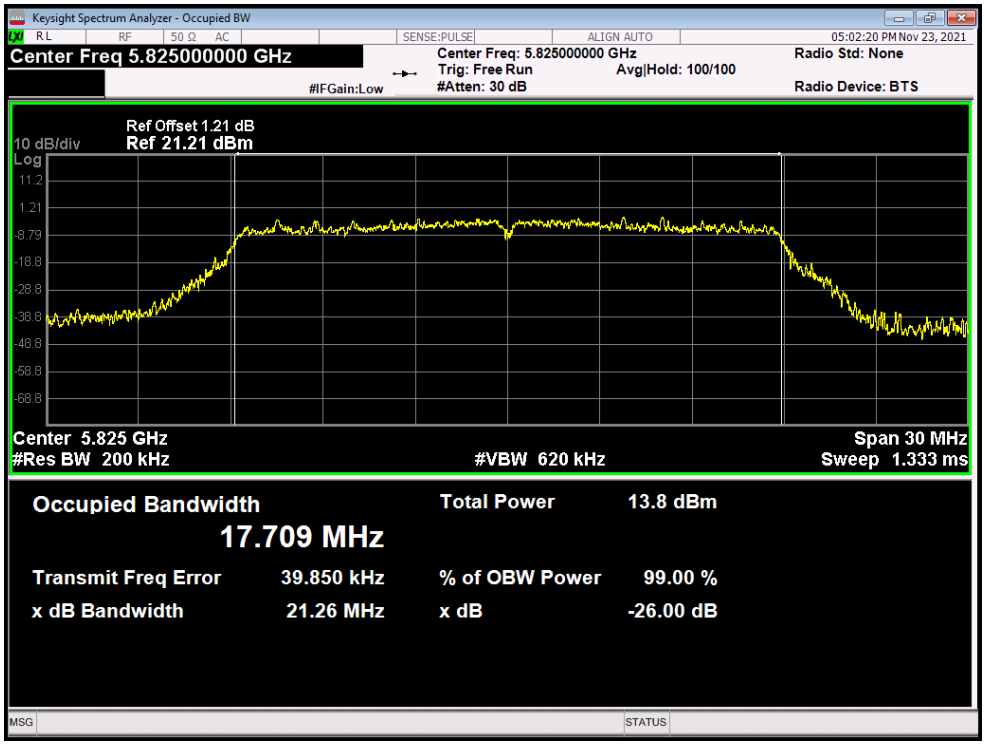
OBW NVNT n20 5745MHz Ant2



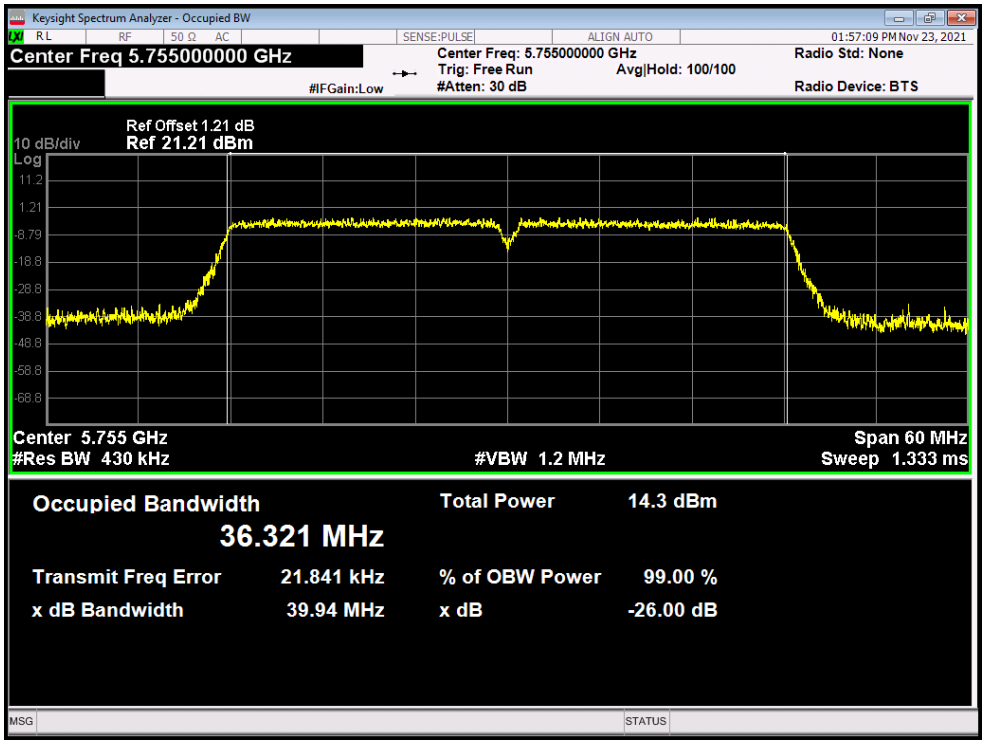
OBW NVNT n20 5785MHz Ant2



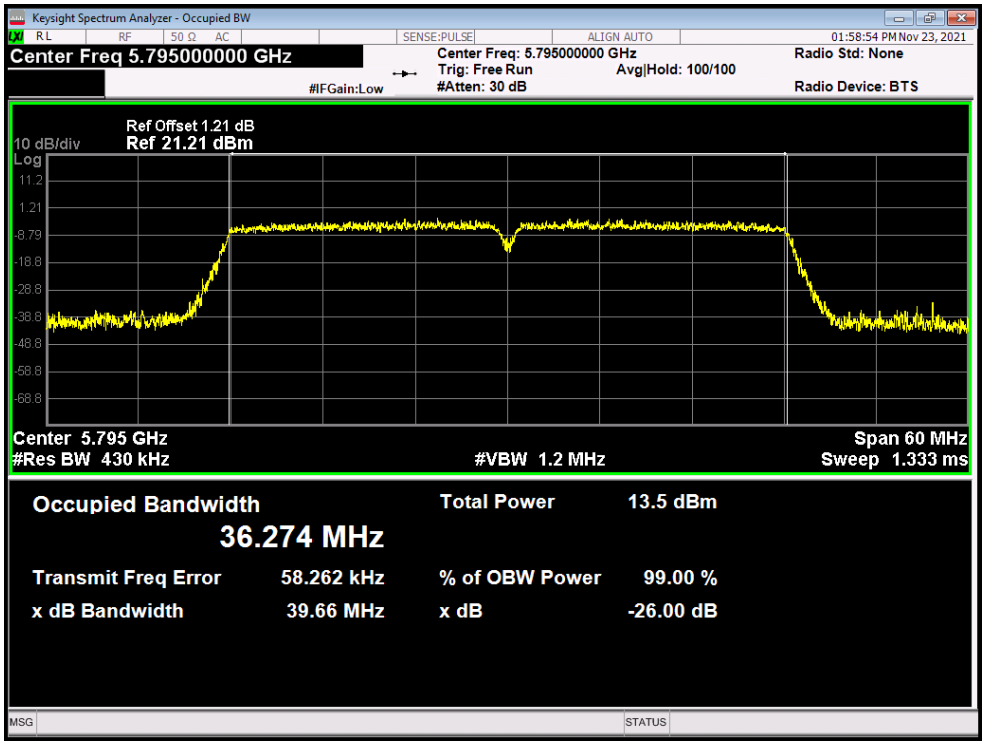
OBW NVNT n20 5825MHz Ant2



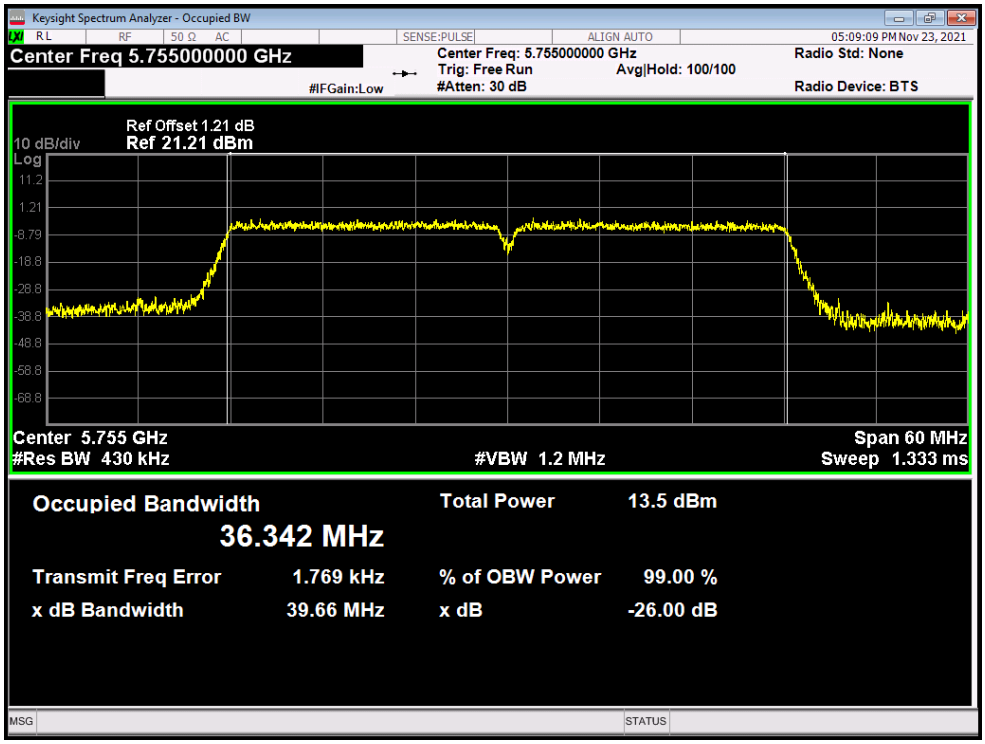
OBW NVNT n40 5755MHz Ant1



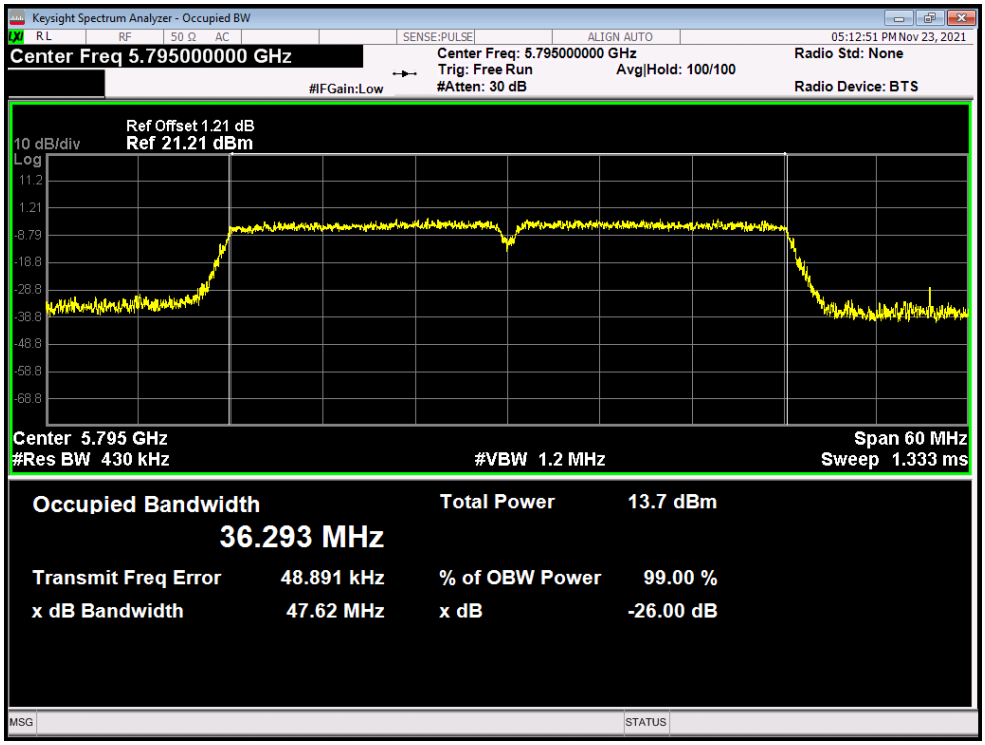
OBW NVNT n40 5795MHz Ant1



OBW NVNT n40 5755MHz Ant2



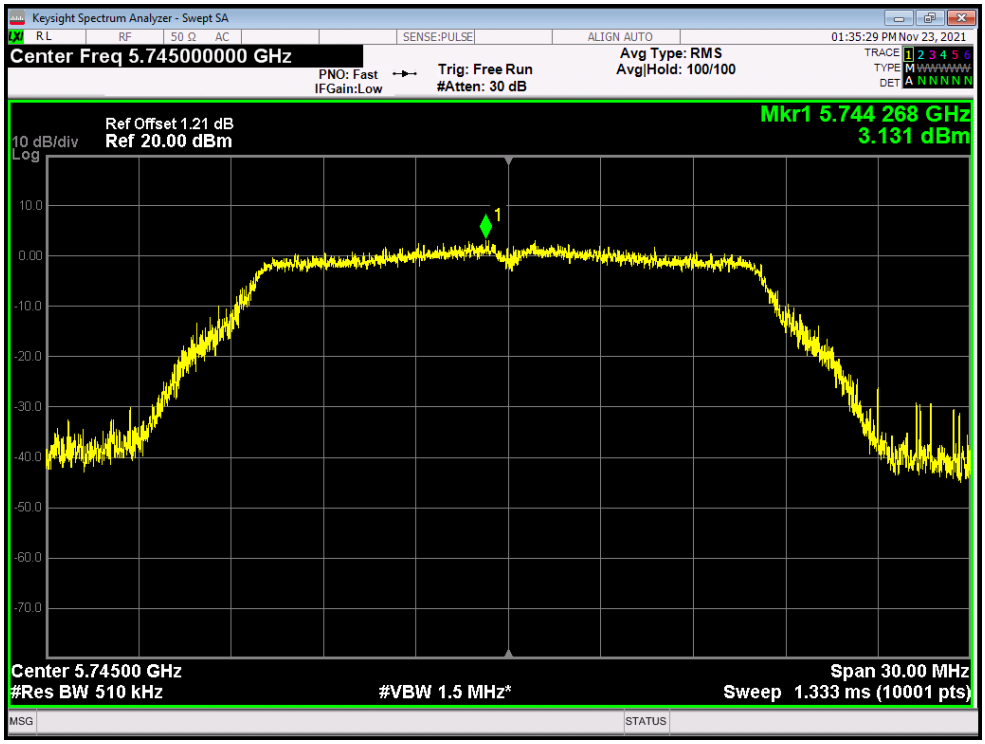
OBW NVNT n40 5795MHz Ant2



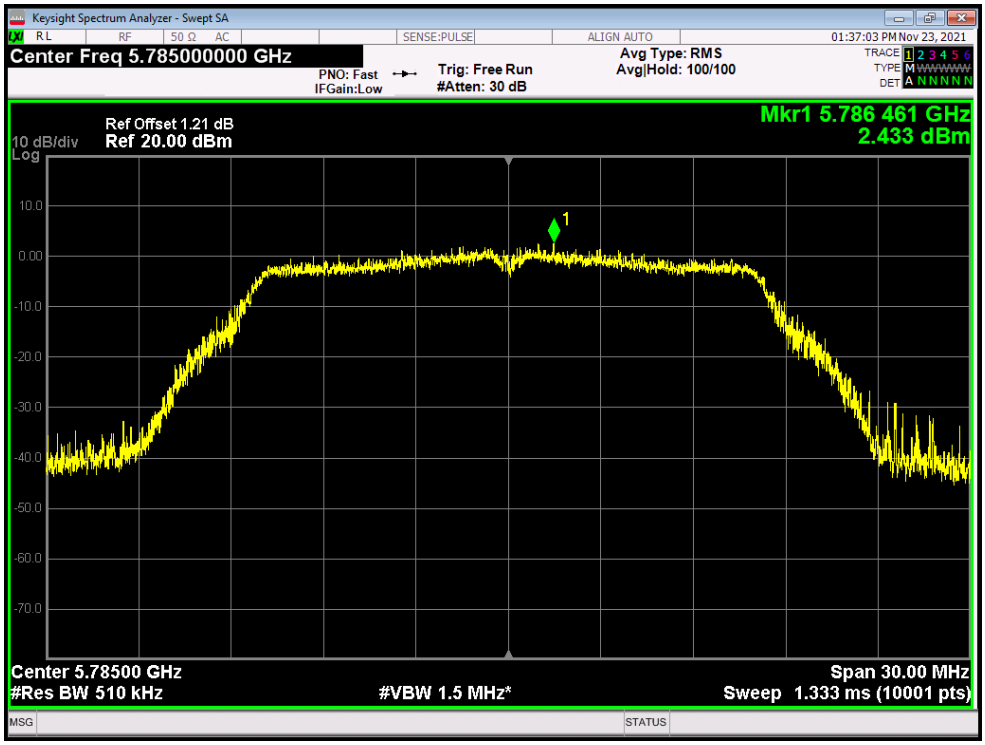
Maximum Power Spectral Density Level

Condition	Mode	Frequency (MHz)	Antenna	Max PSD (dBm/500KHz)	Limit (dBm/500KHz)	Verdict
NVNT	a	5745	Ant1	3.131	30	Pass
NVNT	a	5785	Ant1	2.433	30	Pass
NVNT	a	5825	Ant1	2.738	30	Pass
NVNT	a	5745	Ant2	2.88	30	Pass
NVNT	a	5785	Ant2	2.255	30	Pass
NVNT	a	5825	Ant2	2.182	30	Pass
NVNT	ac20	5745	Ant1	2.771	30	Pass
NVNT	ac20	5785	Ant1	1.957	30	Pass
NVNT	ac20	5825	Ant1	1.973	30	Pass
NVNT	ac20	5745	Ant2	2.316	30	Pass
NVNT	ac20	5785	Ant2	1.656	30	Pass
NVNT	ac20	5825	Ant2	2.226	30	Pass
NVNT	ac40	5755	Ant1	-0.658	30	Pass
NVNT	ac40	5795	Ant1	-1.652	30	Pass
NVNT	ac40	5755	Ant2	-1.229	30	Pass
NVNT	ac40	5795	Ant2	-1.092	30	Pass
NVNT	ac80	5775	Ant1	-13.827	30	Pass
NVNT	ac80	5775	Ant2	-14.782	30	Pass
NVNT	n20	5745	Ant1	2.901	30	Pass
NVNT	n20	5785	Ant1	2.296	30	Pass
NVNT	n20	5825	Ant1	2.769	30	Pass
NVNT	n20	5745	Ant2	2.625	30	Pass
NVNT	n20	5785	Ant2	1.886	30	Pass
NVNT	n20	5825	Ant2	2.089	30	Pass
NVNT	n40	5755	Ant1	-1.364	30	Pass
NVNT	n40	5795	Ant1	-0.562	30	Pass
NVNT	n40	5755	Ant2	-1.745	30	Pass
NVNT	n40	5795	Ant2	-1.58	30	Pass

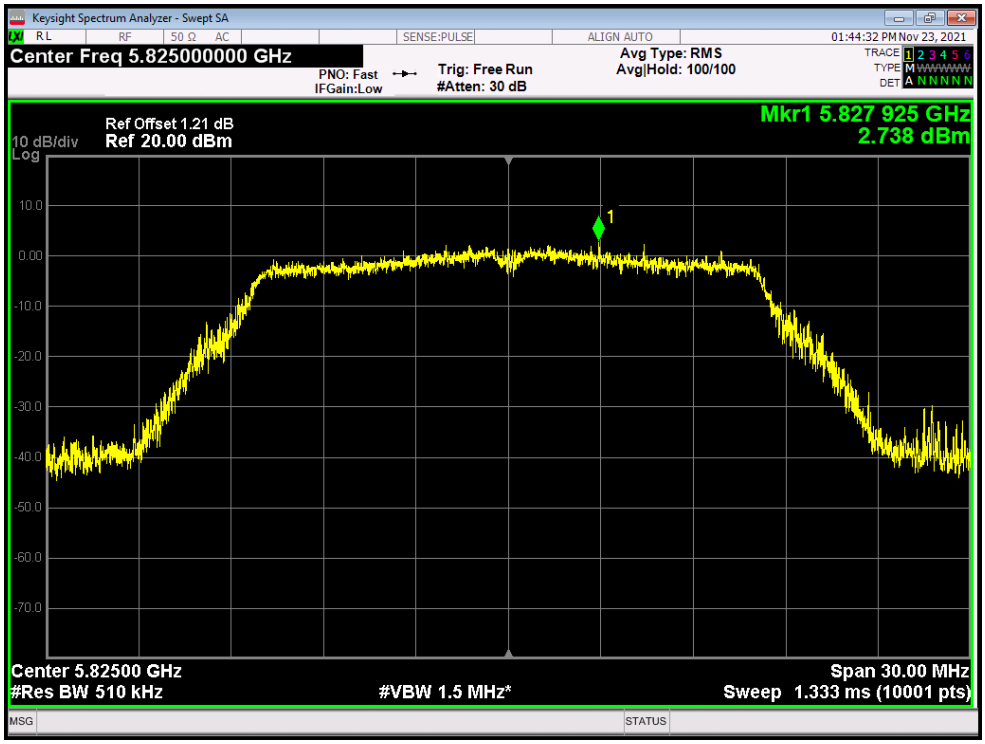
PSD NVNT a 5745MHz Ant1



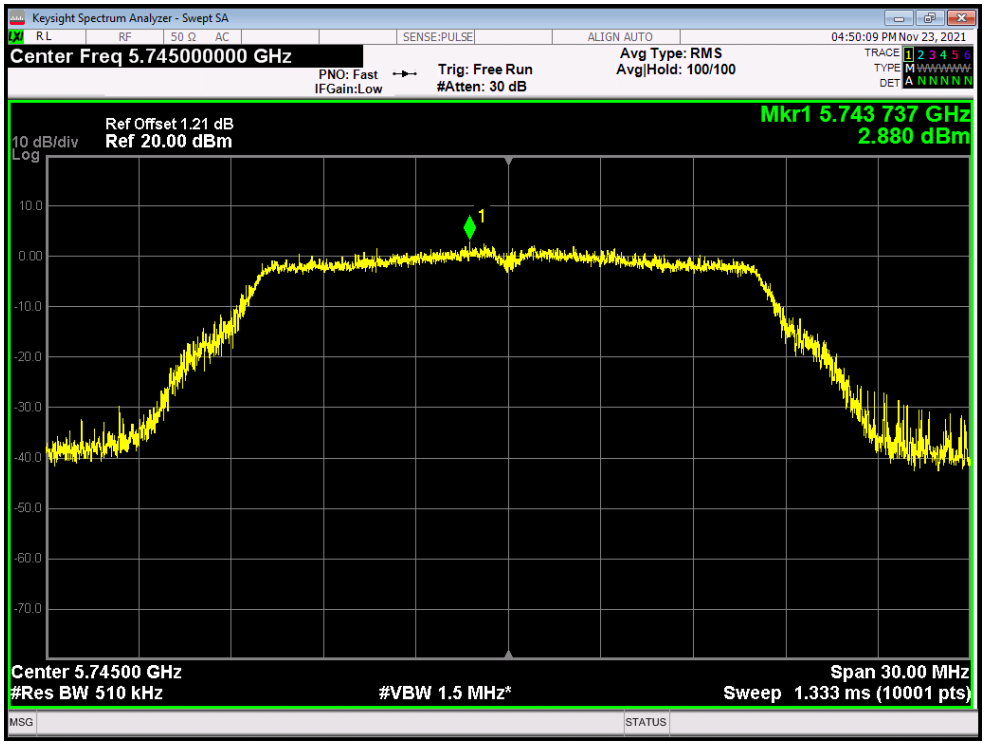
PSD NVNT a 5785MHz Ant1



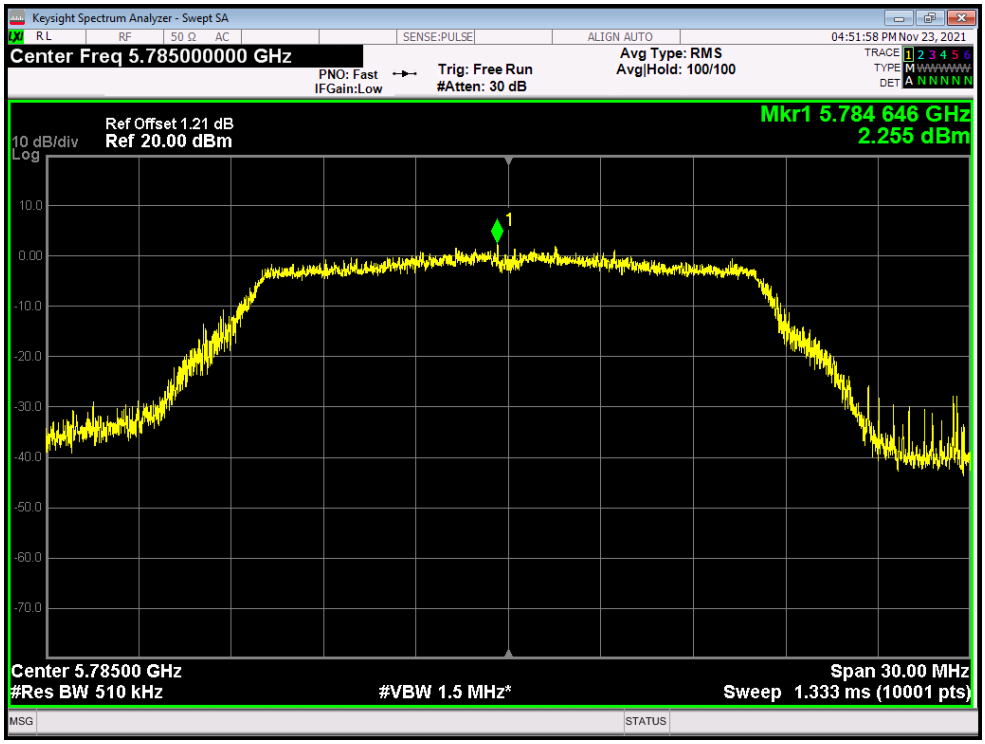
PSD NVNT a 5825MHz Ant1



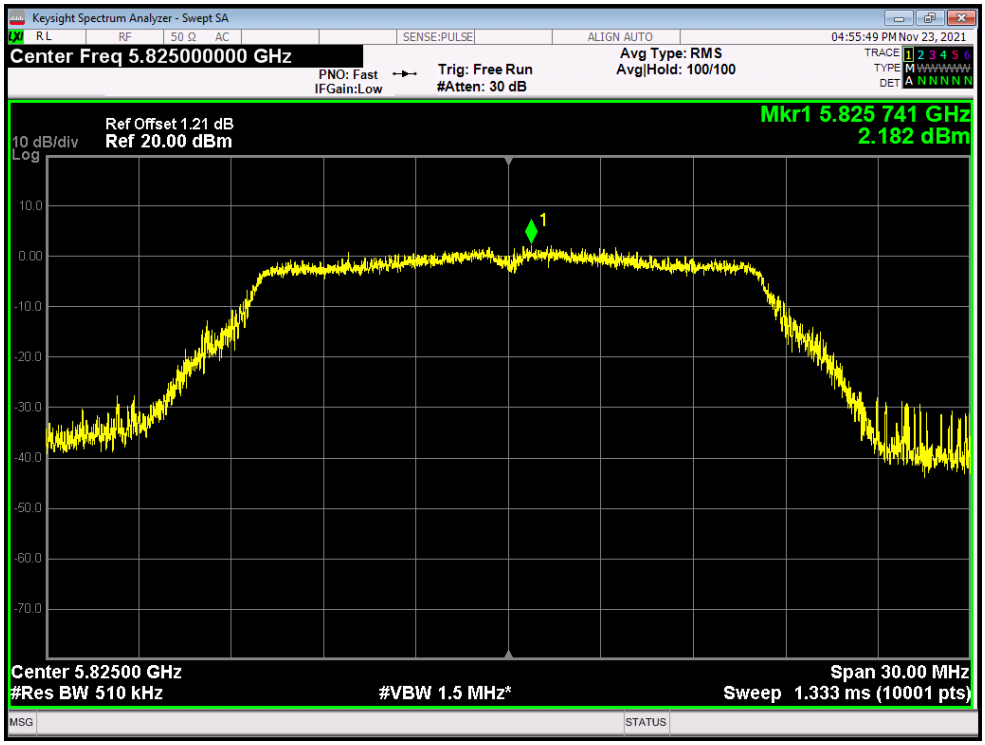
PSD NVNT a 5745MHz Ant2



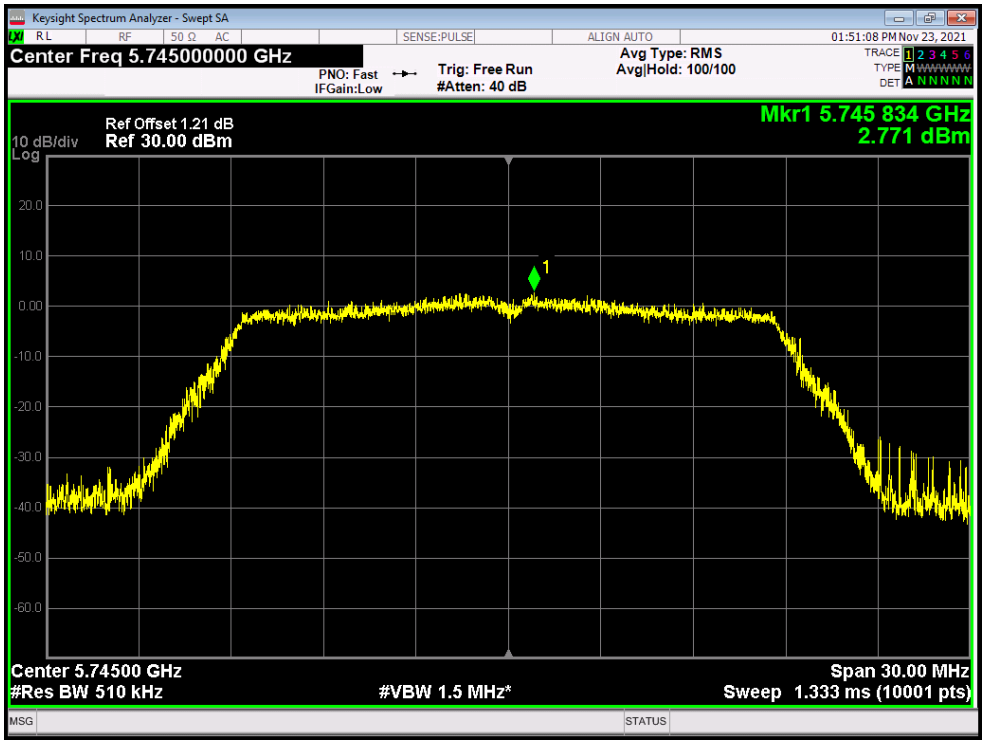
PSD NVNT a 5785MHz Ant2



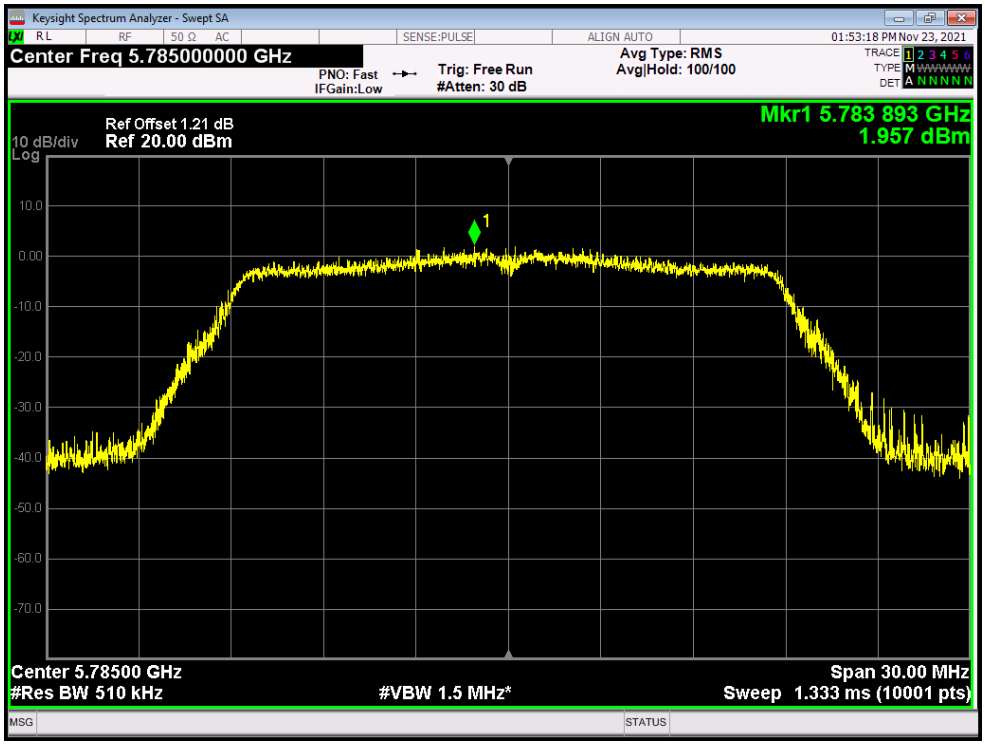
PSD NVNT a 5825MHz Ant2



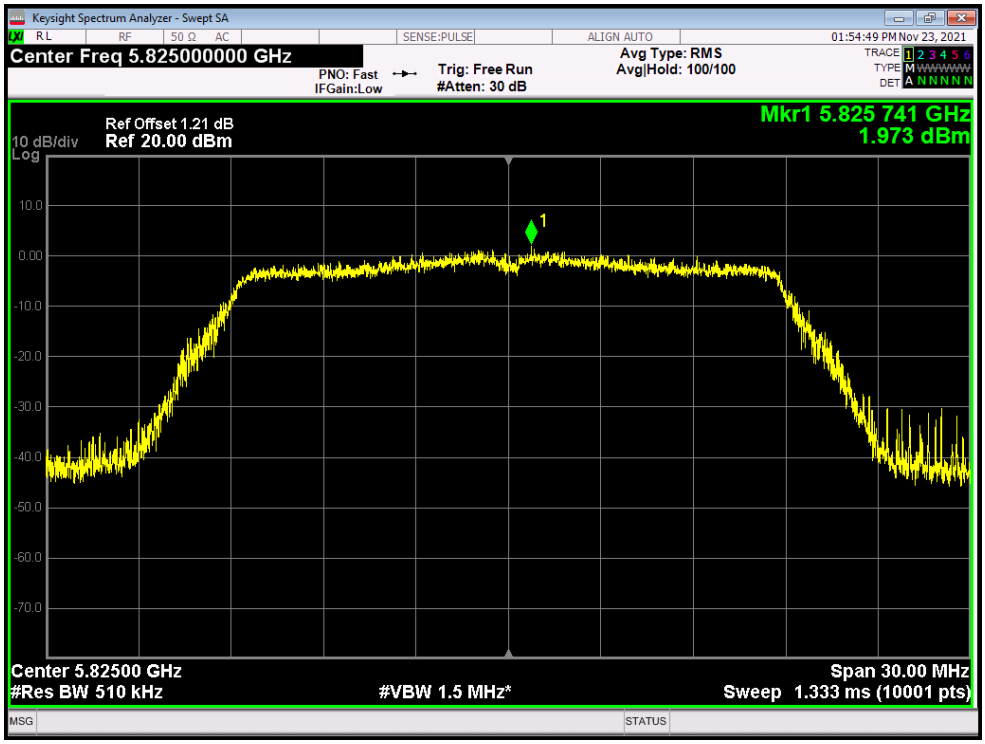
PSD NVNT ac20 5745MHz Ant1



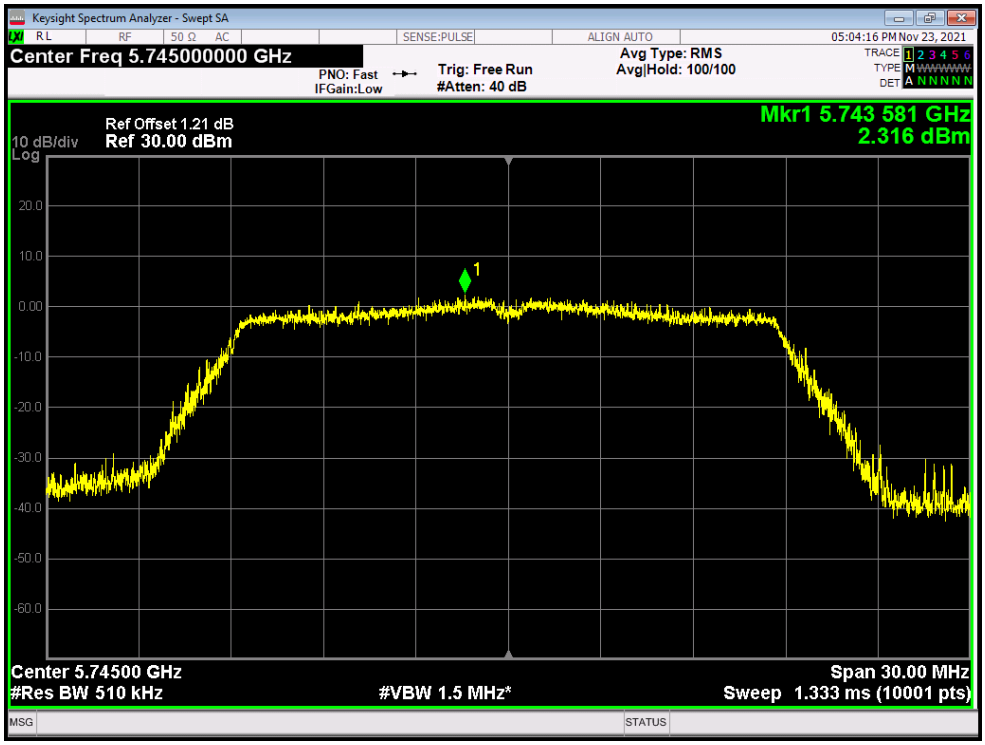
PSD NVNT ac20 5785MHz Ant1



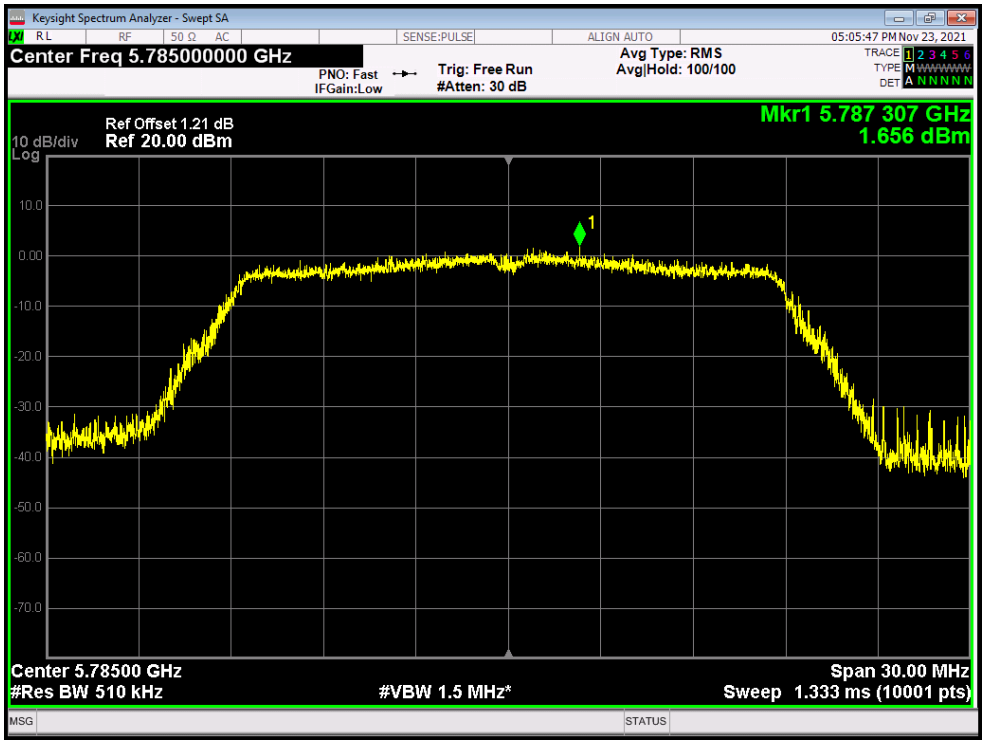
PSD NVNT ac20 5825MHz Ant1



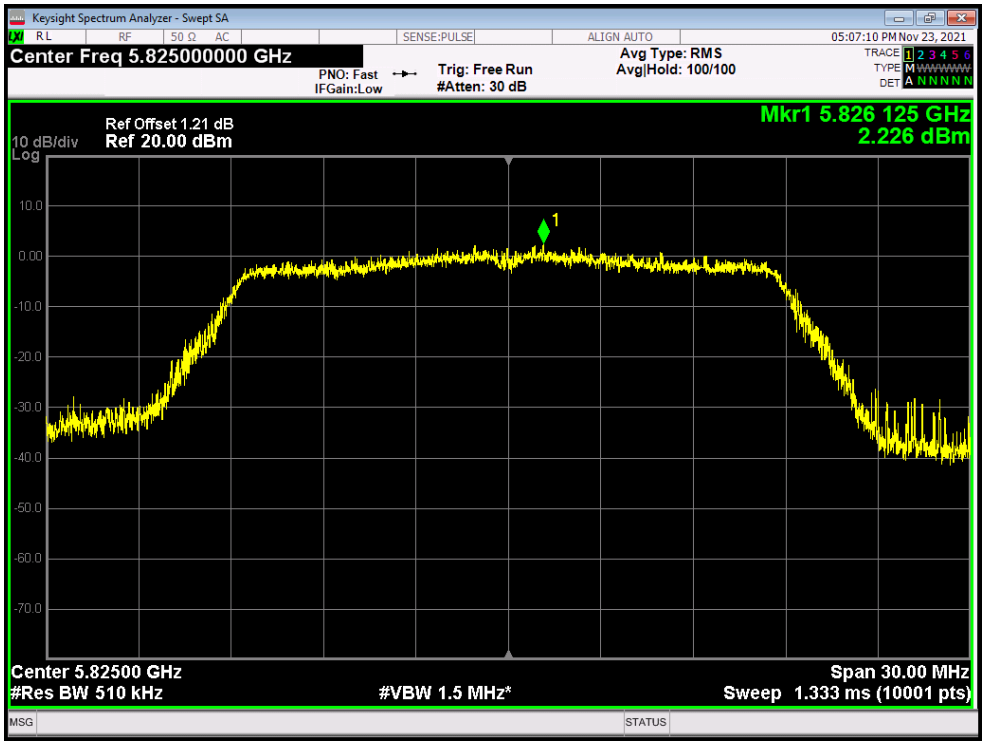
PSD NVNT ac20 5745MHz Ant2



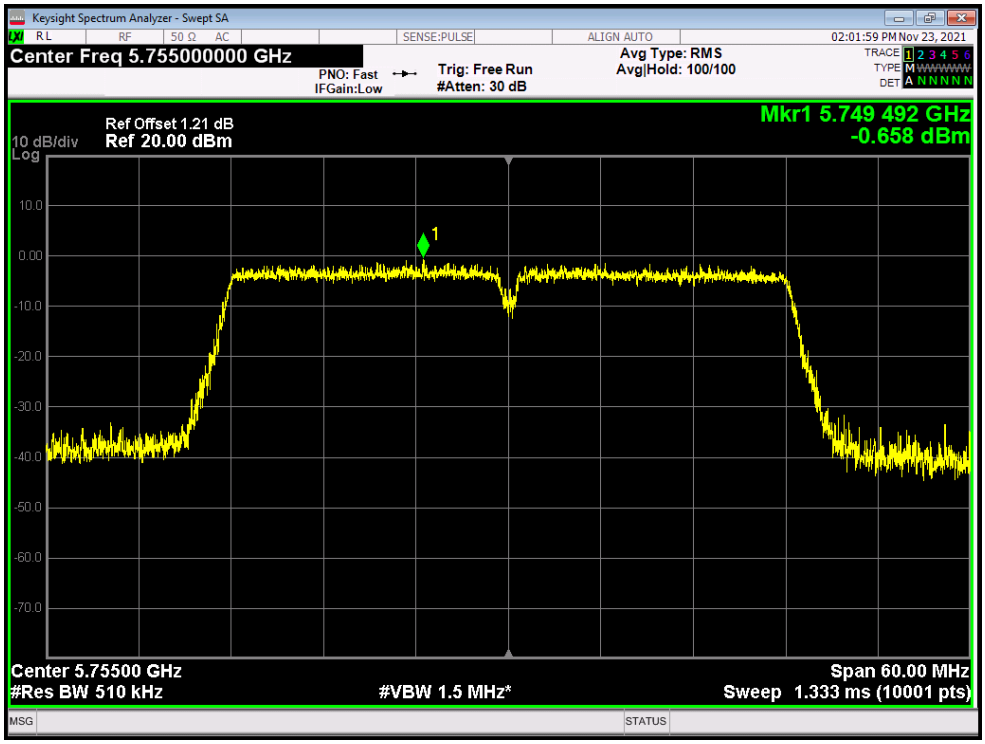
PSD NVNT ac20 5785MHz Ant2



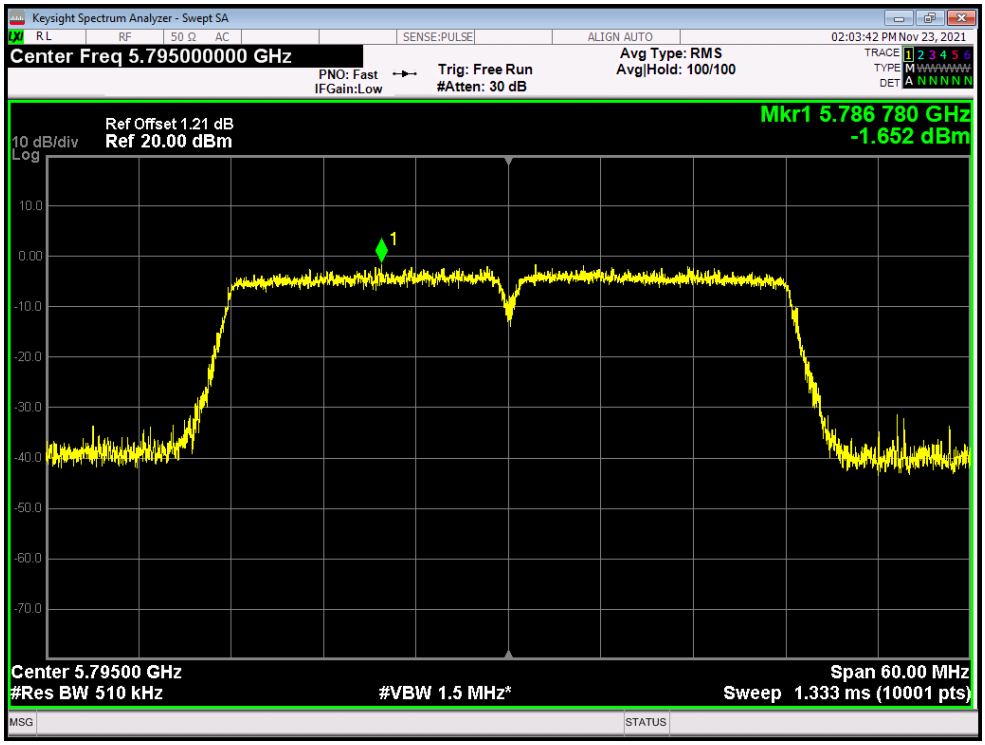
PSD NVNT ac20 5825MHz Ant2



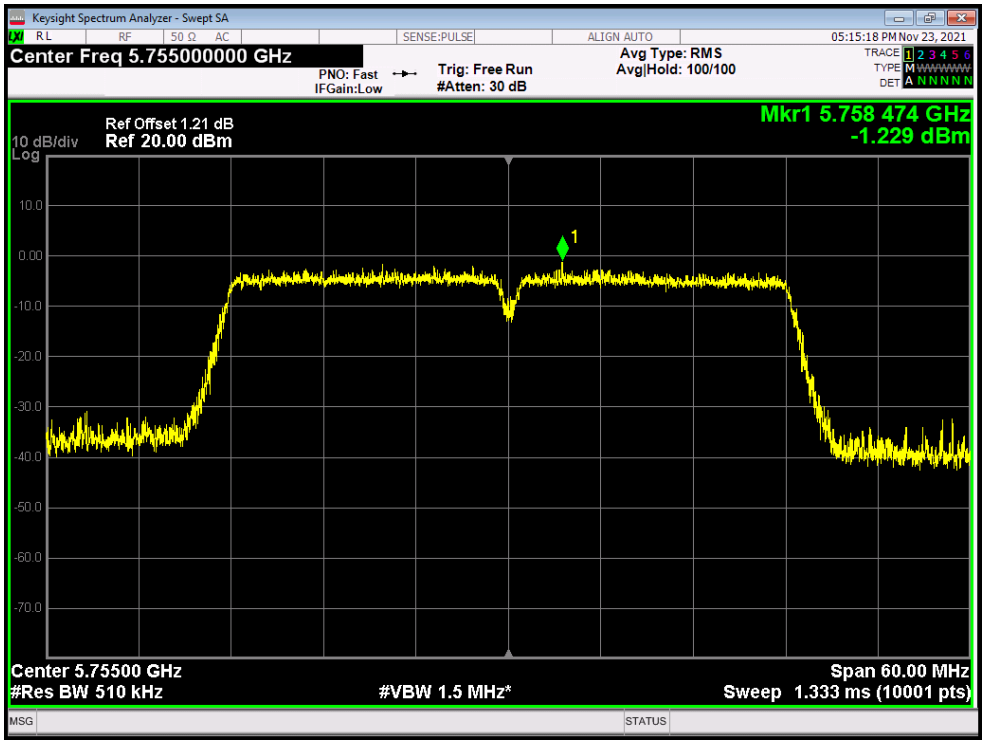
PSD NVNT ac40 5755MHz Ant1



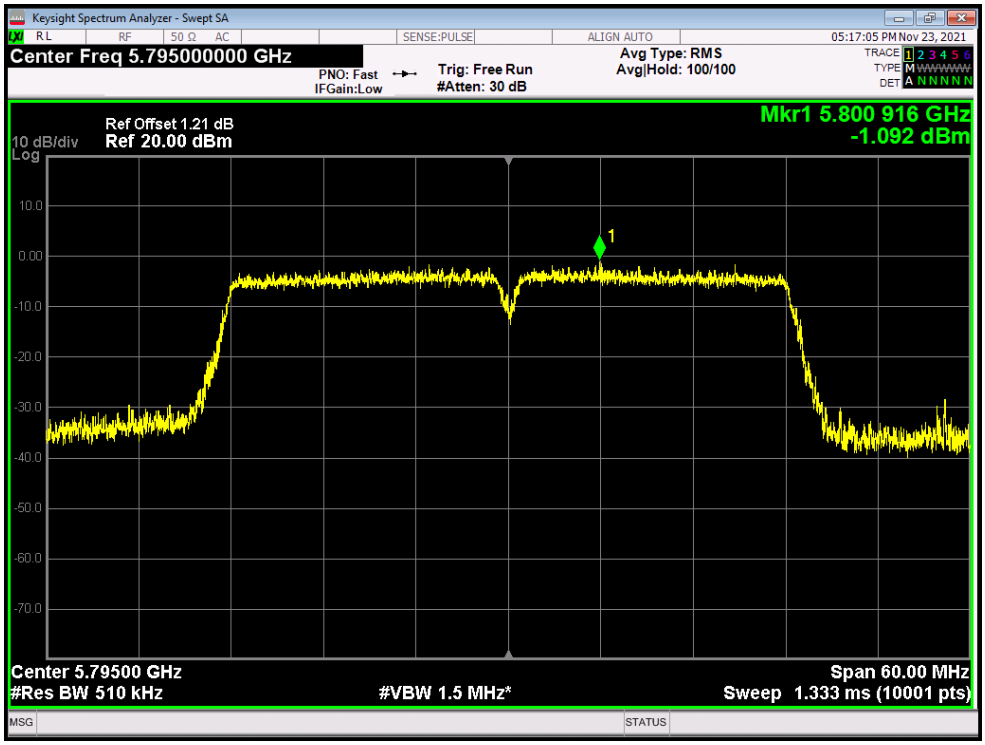
PSD NVNT ac40 5795MHz Ant1



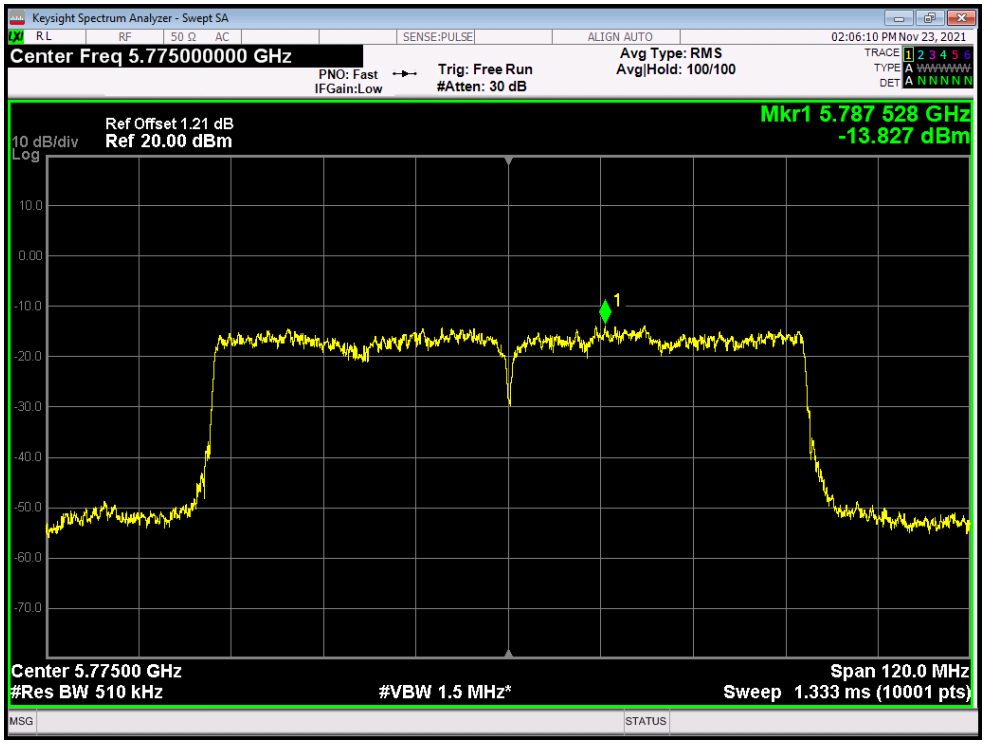
PSD NVNT ac40 5755MHz Ant2



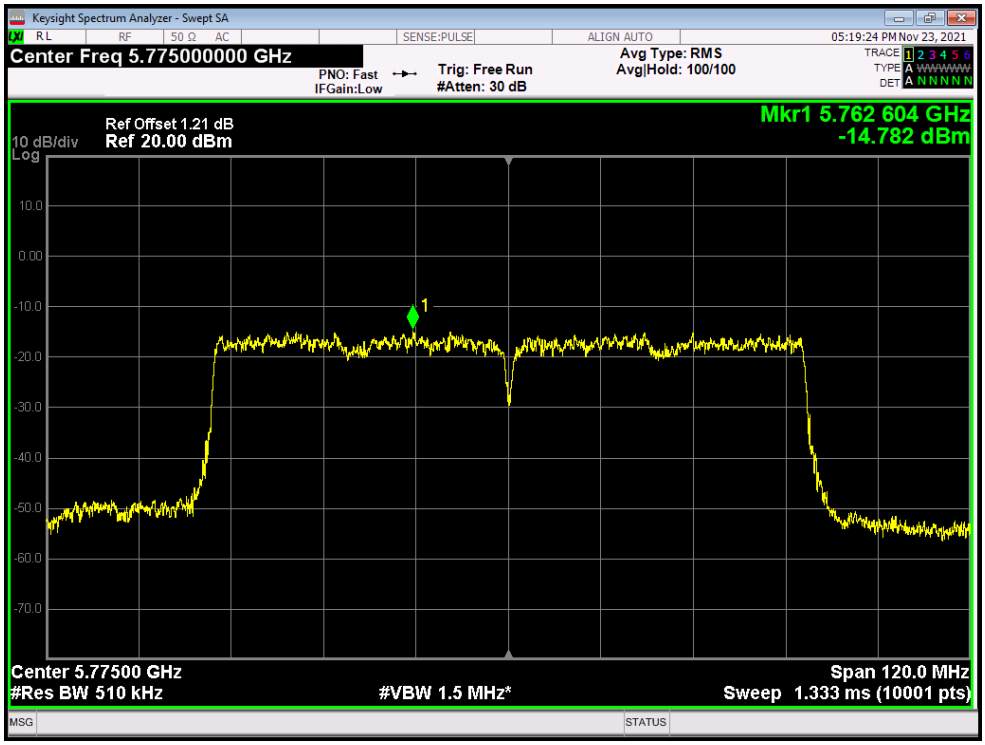
PSD NVNT ac40 5795MHz Ant2



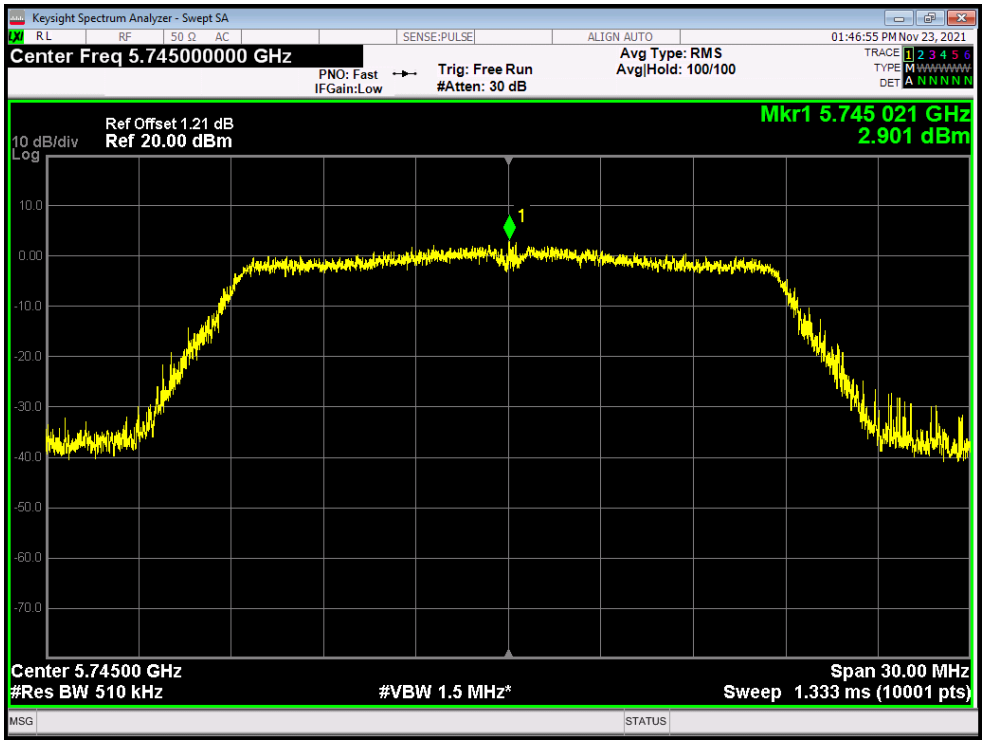
PSD NVNT ac80 5775MHz Ant1



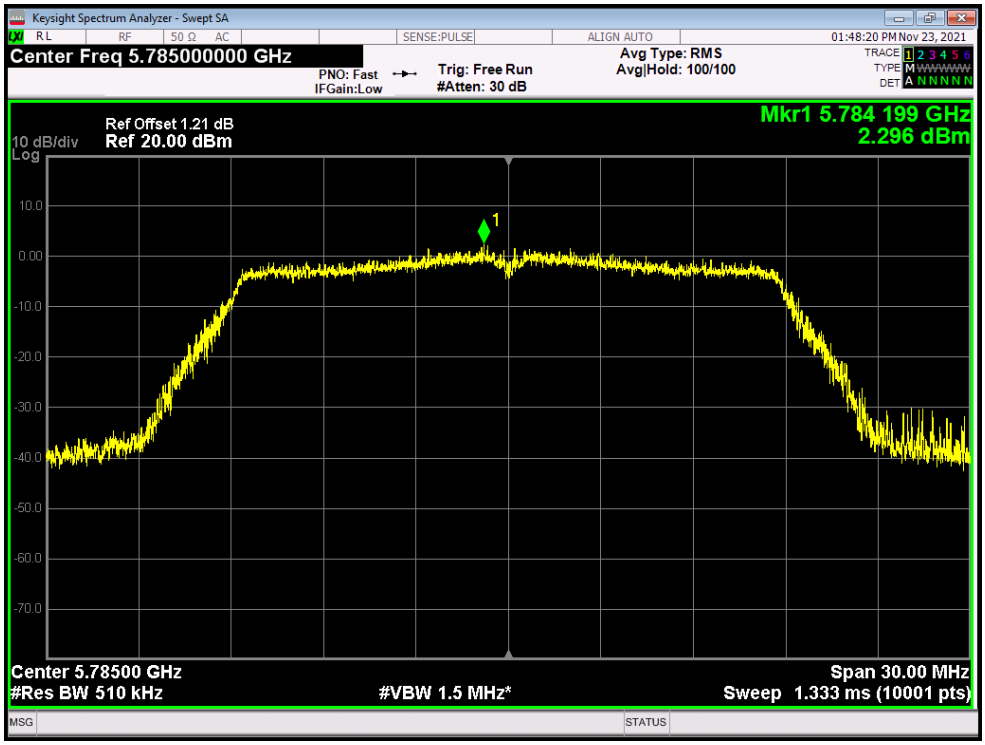
PSD NVNT ac80 5775MHz Ant2



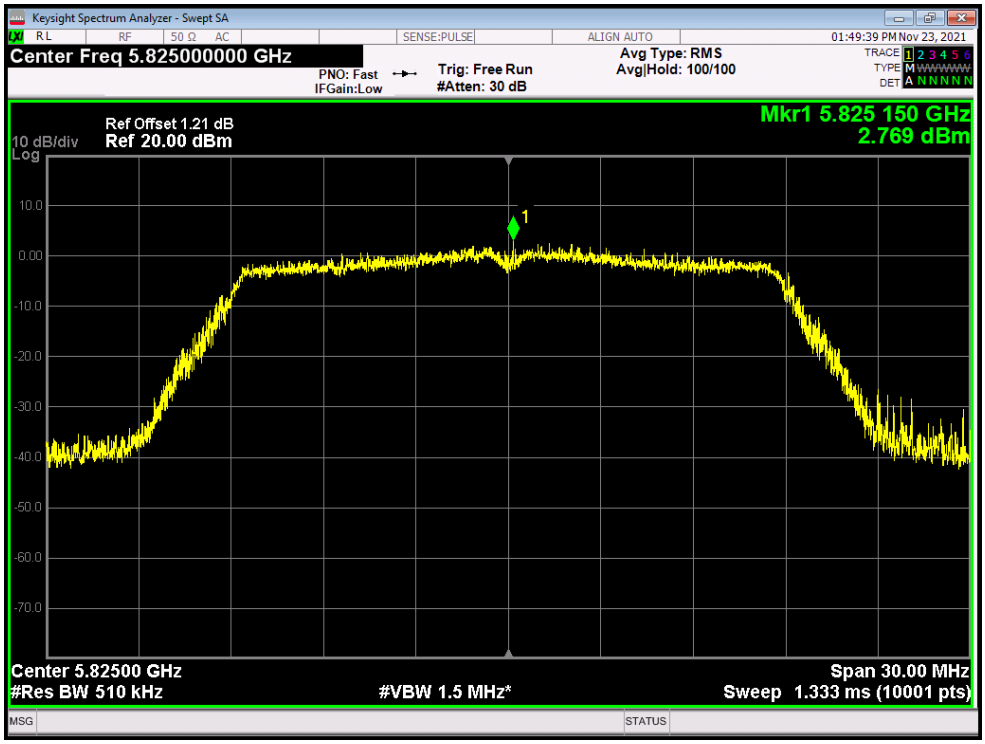
PSD NVNT n20 5745MHz Ant1



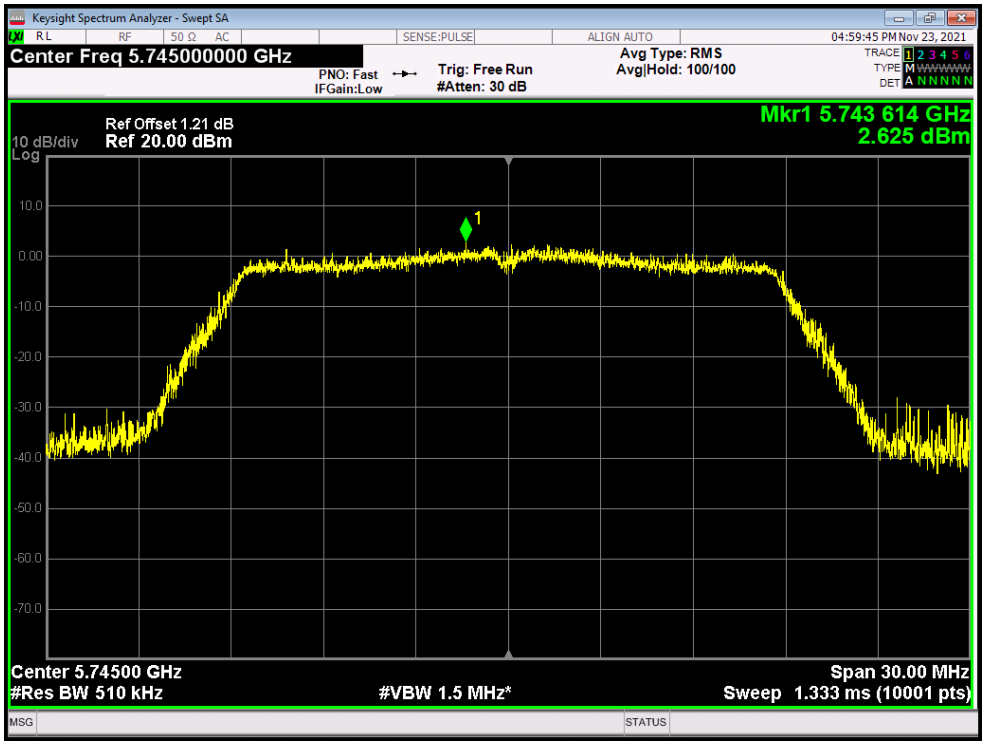
PSD NVNT n20 5785MHz Ant1



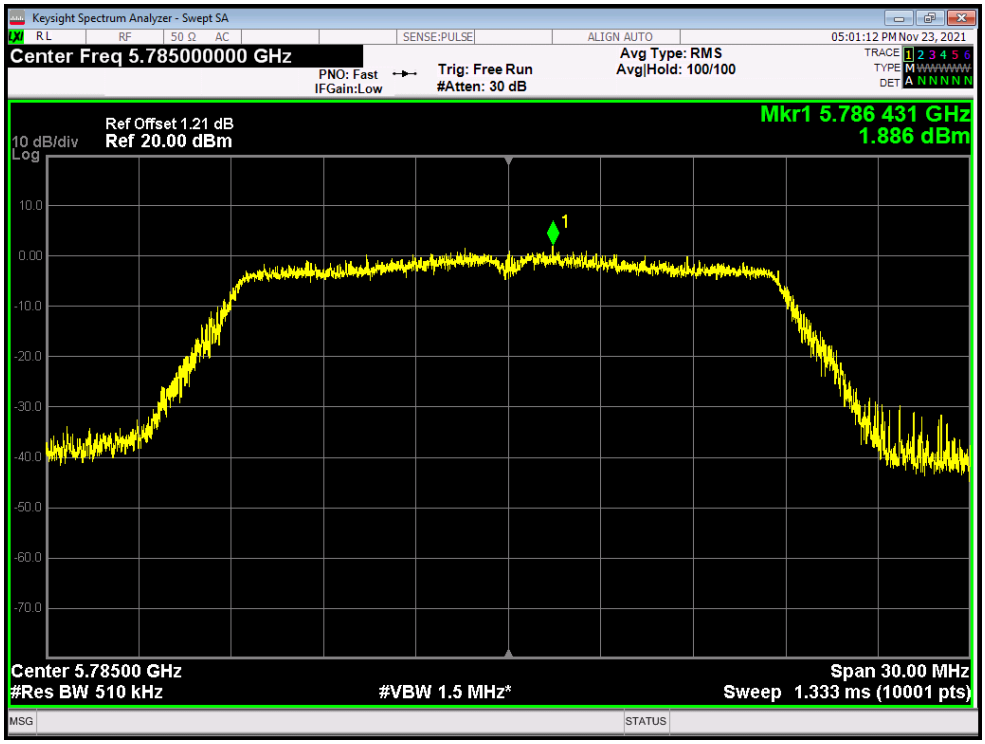
PSD NVNT n20 5825MHz Ant1



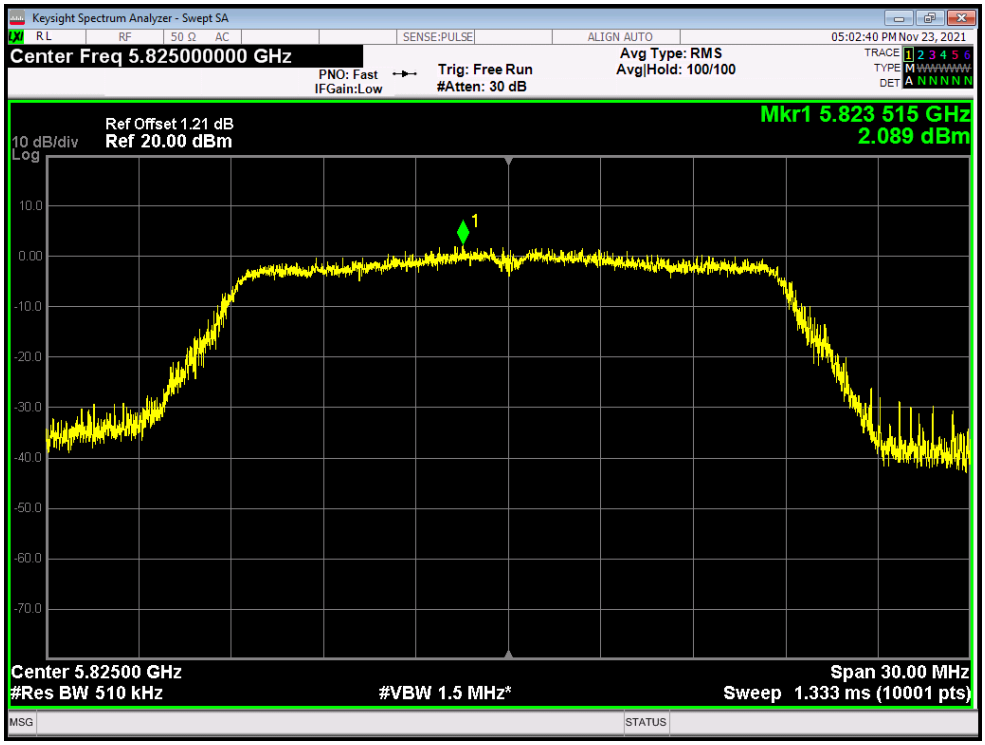
PSD NVNT n20 5745MHz Ant2



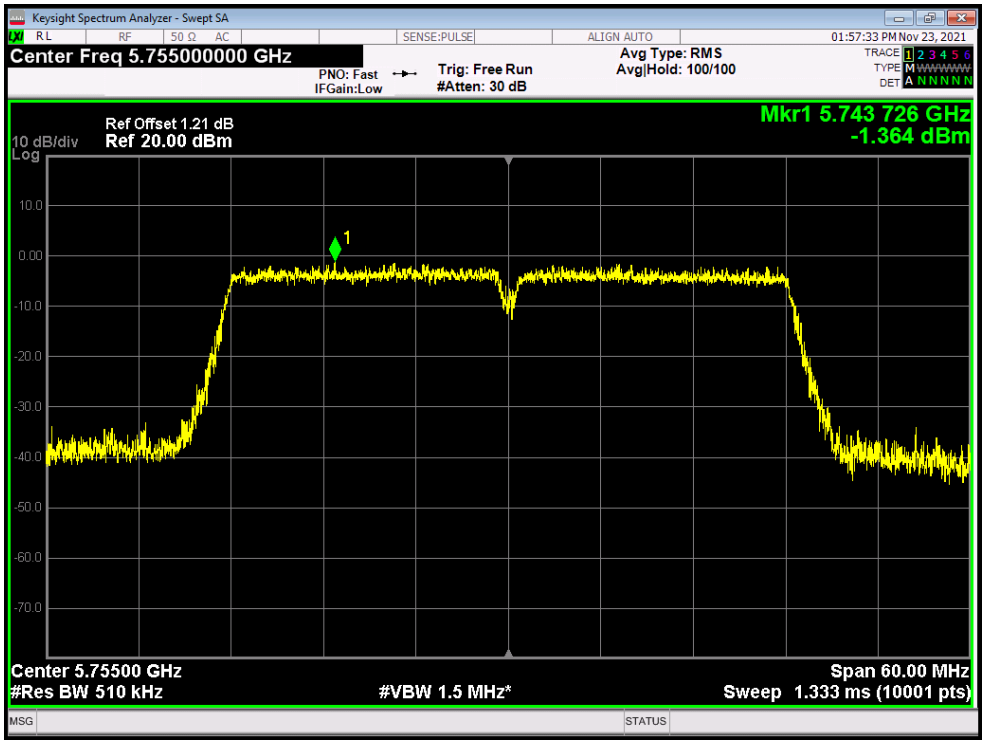
PSD NVNT n20 5785MHz Ant2



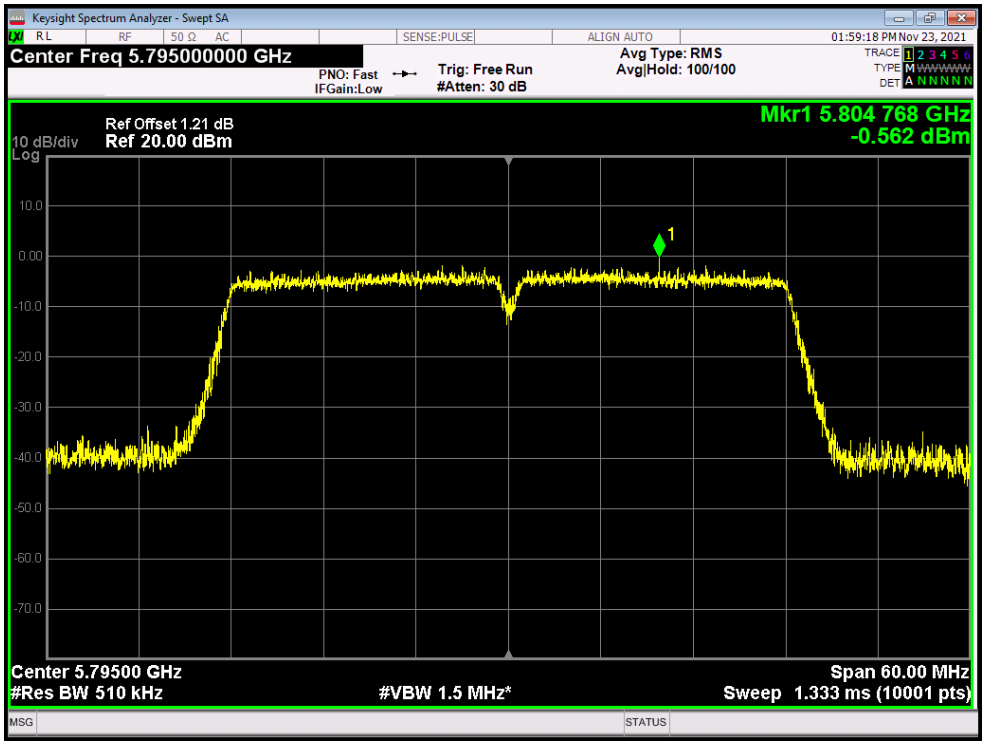
PSD NVNT n20 5825MHz Ant2



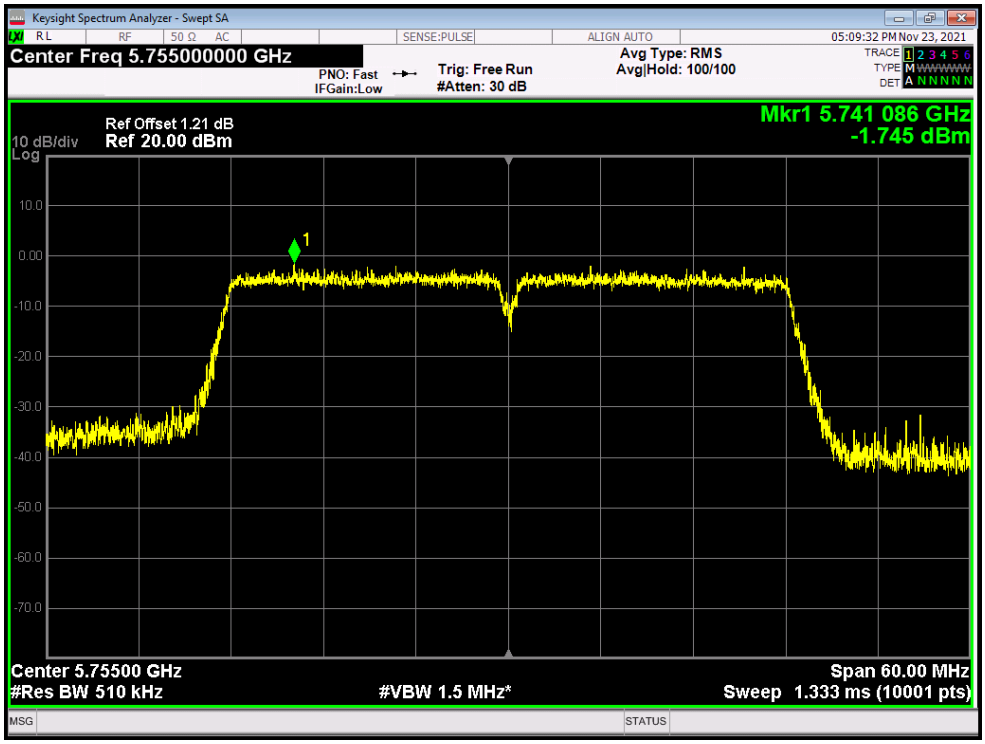
PSD NVNT n40 5755MHz Ant1



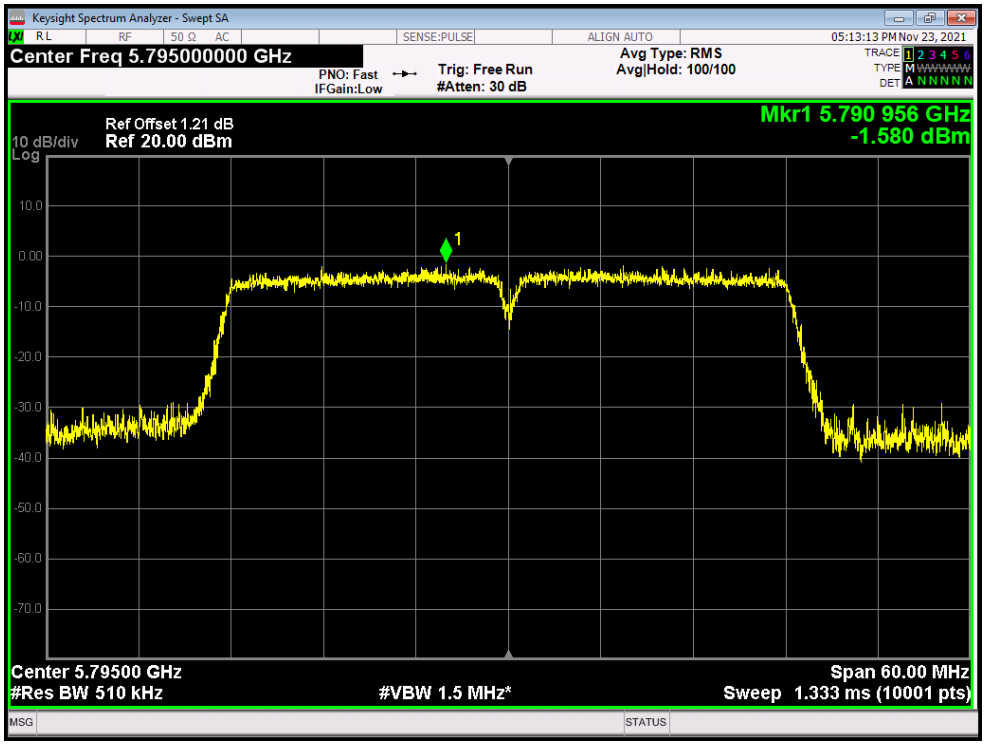
PSD NVNT n40 5795MHz Ant1



PSD NVNT n40 5755MHz Ant2



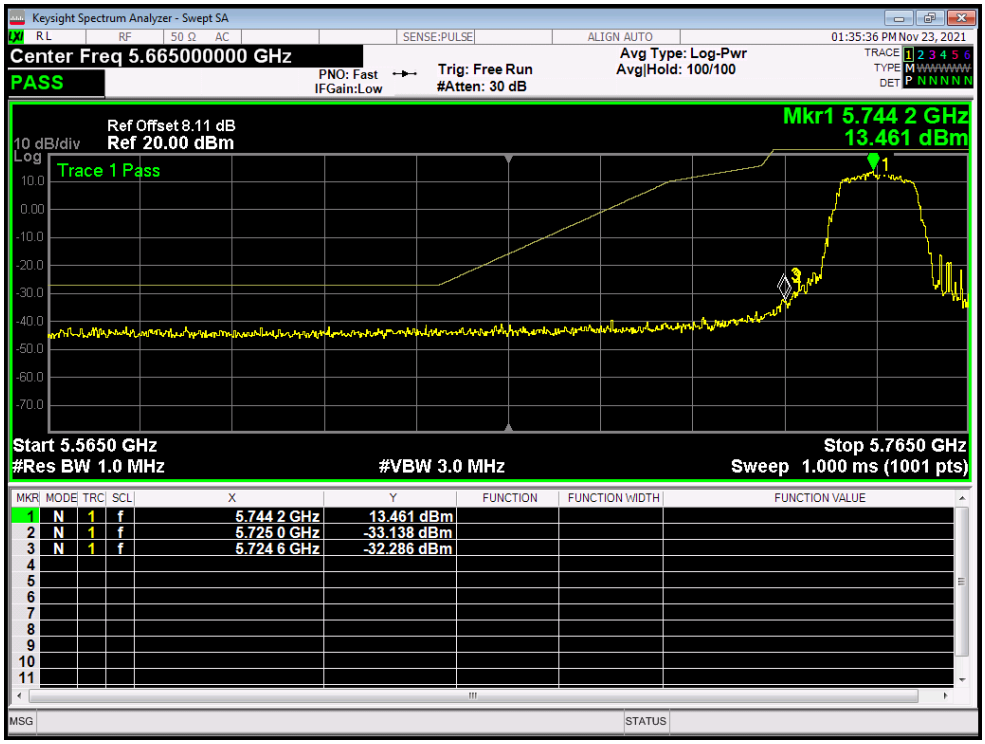
PSD NVNT n40 5795MHz Ant2



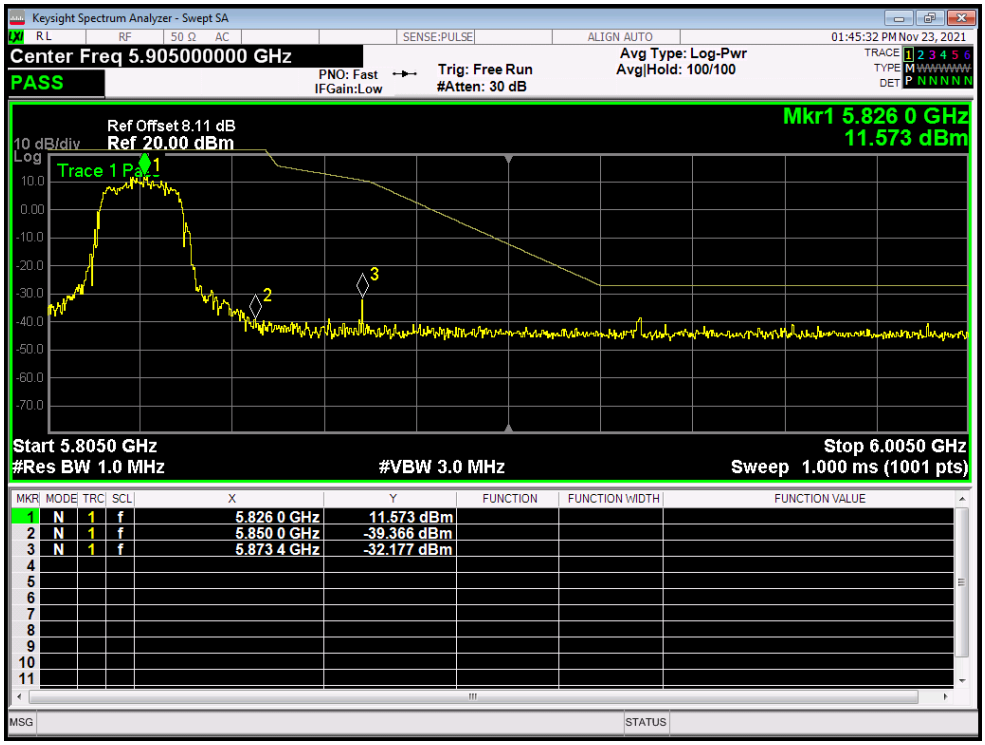
Band Edge

Condition	Mode	Frequency (MHz)	Antenna	Max Value (dBm)	Verdict
NVNT	a	5745	Ant1	-32.28	Pass
NVNT	a	5825	Ant1	-32.17	Pass
NVNT	a	5745	Ant2	-27.98	Pass
NVNT	a	5825	Ant2	-27.59	Pass
NVNT	ac20	5745	Ant1	-27.43	Pass
NVNT	ac20	5825	Ant1	-31.13	Pass
NVNT	ac20	5745	Ant2	-24.44	Pass
NVNT	ac20	5825	Ant2	-28.1	Pass
NVNT	ac40	5755	Ant1	-22.98	Pass
NVNT	ac40	5795	Ant1	-32.61	Pass
NVNT	ac40	5755	Ant2	-21.42	Pass
NVNT	ac40	5795	Ant2	-31.38	Pass
NVNT	ac80	5775	Ant1	-30.39	Pass
NVNT	ac80	5775	Ant2	-32.33	Pass
NVNT	n20	5745	Ant1	-26.73	Pass
NVNT	n20	5825	Ant1	-31.45	Pass
NVNT	n20	5745	Ant2	-27.97	Pass
NVNT	n20	5825	Ant2	-33.03	Pass
NVNT	n40	5755	Ant1	-21.87	Pass
NVNT	n40	5795	Ant1	-40.21	Pass
NVNT	n40	5755	Ant2	-19.51	Pass
NVNT	n40	5795	Ant2	-37.29	Pass

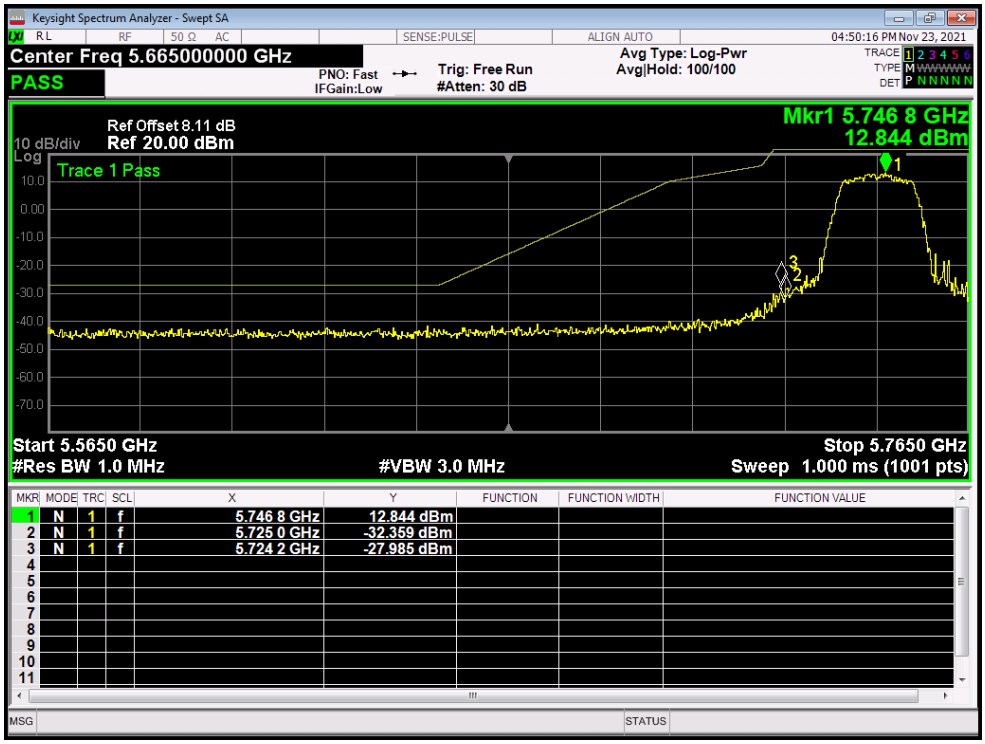
Band Edge NVNT a 5745MHz Low Ant1



Band Edge NVNT a 5825MHz High Ant1

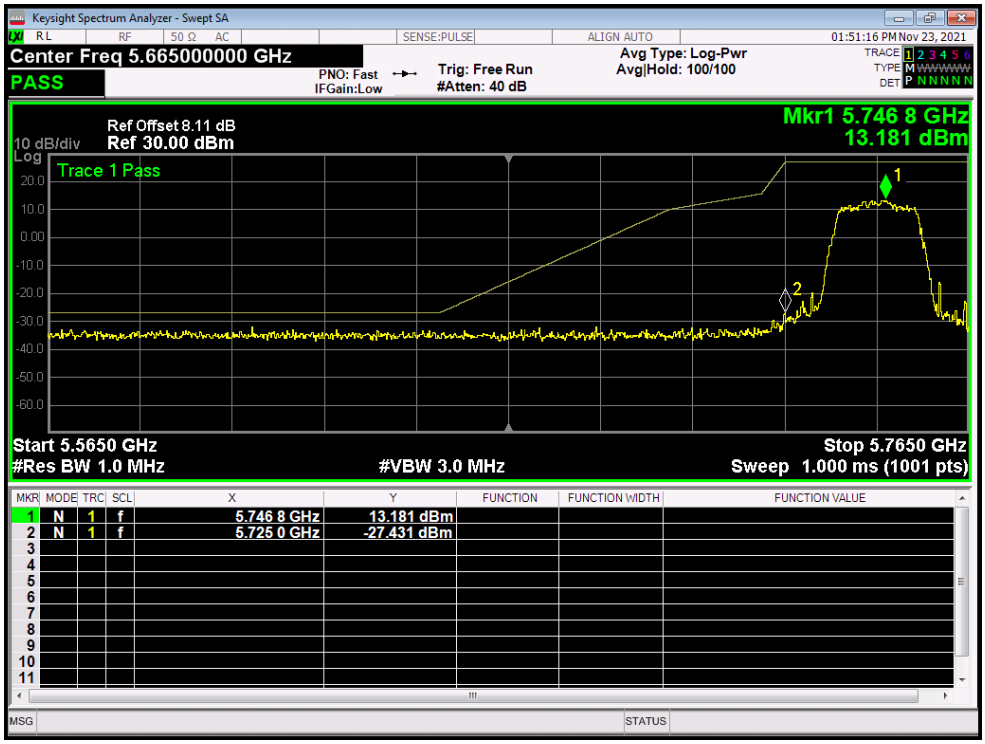


Band Edge NVNT a 5745MHz Low Ant2

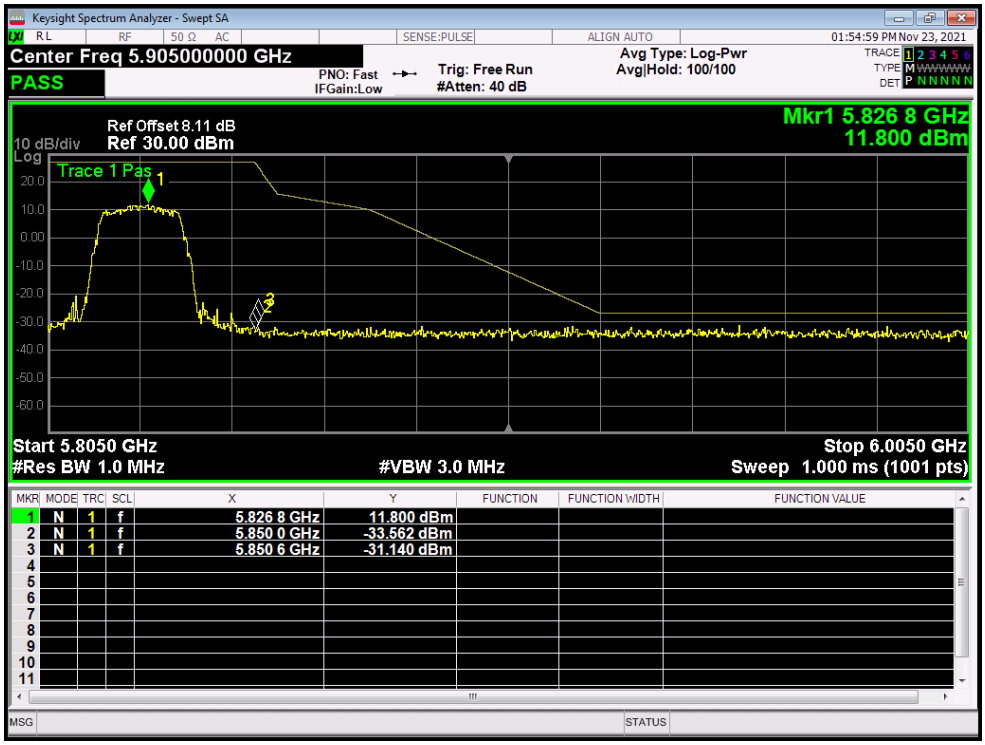


Band Edge NVNT a 5825MHz High Ant2

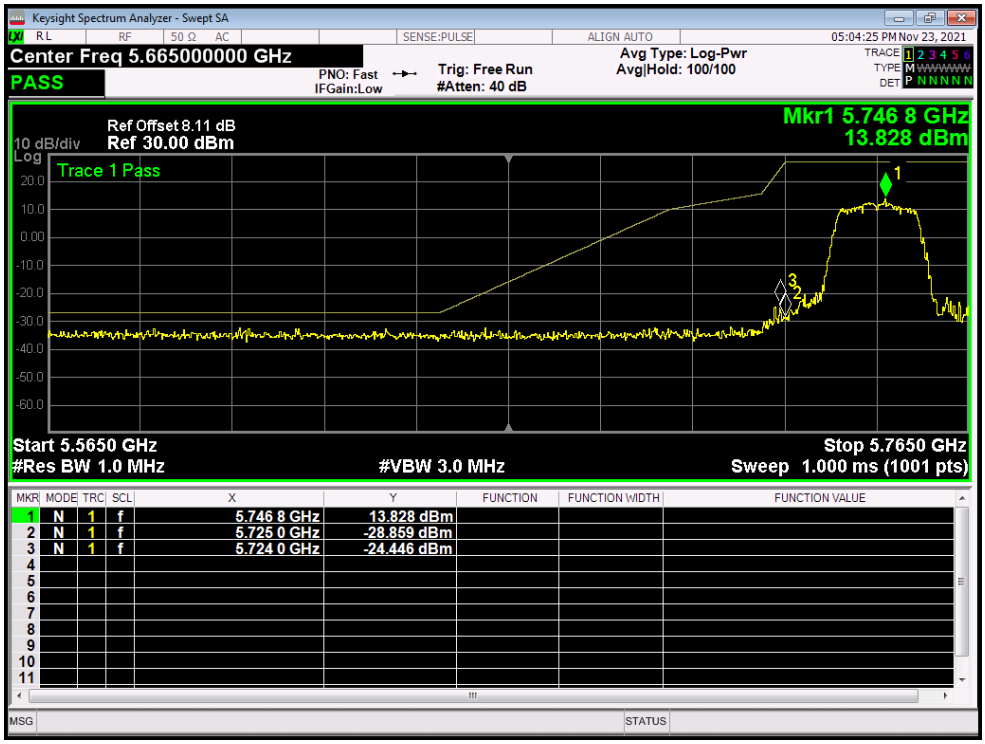
Band Edge NVNT ac20 5745MHz Low Ant1



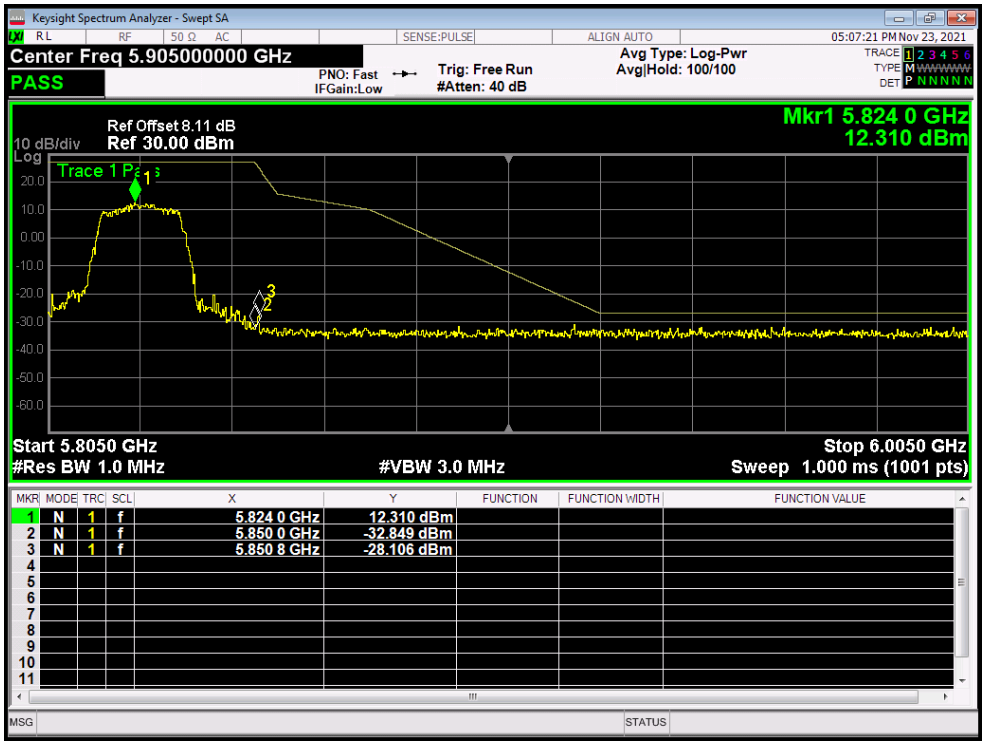
Band Edge NVNT ac20 5825MHz High Ant1



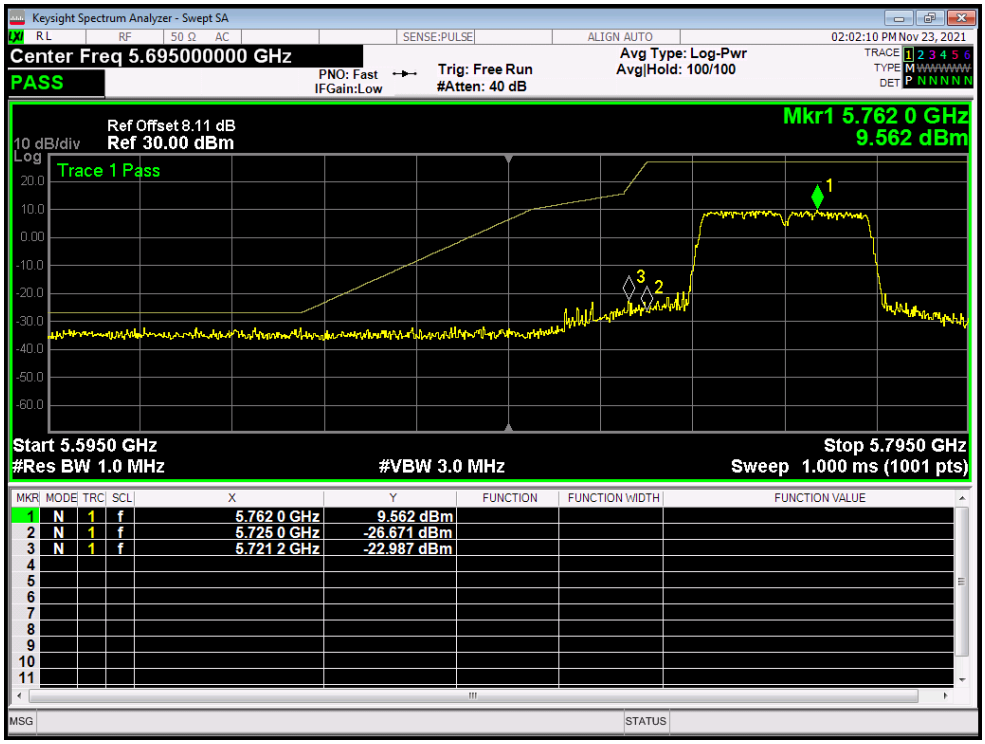
Band Edge NVNT ac20 5745MHz Low Ant2



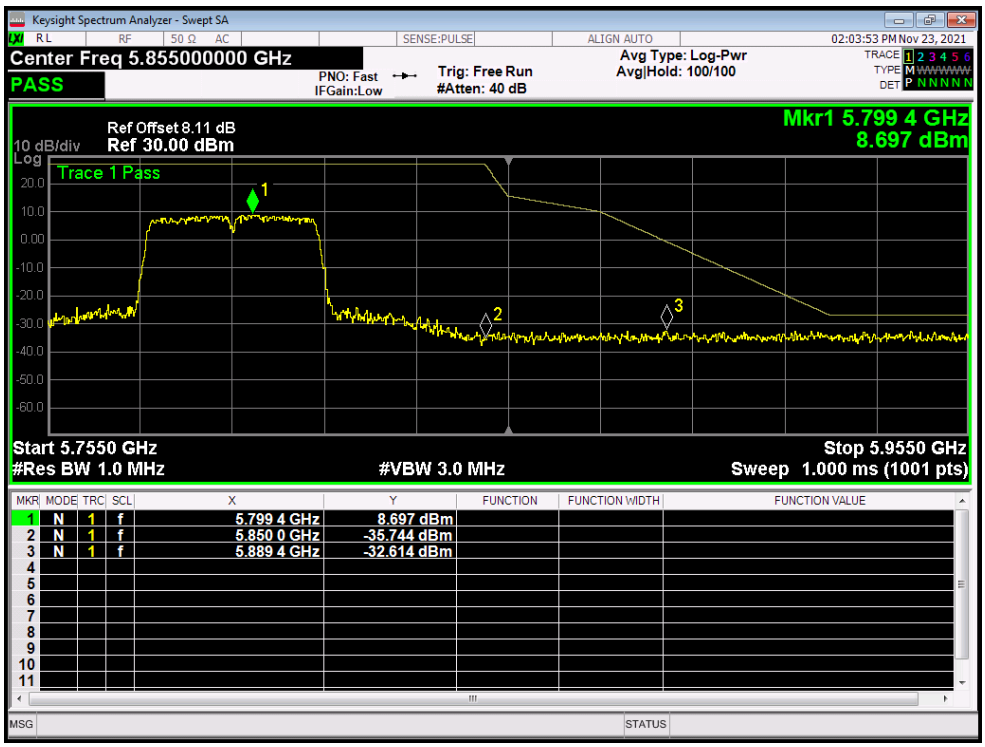
Band Edge NVNT ac20 5825MHz High Ant2



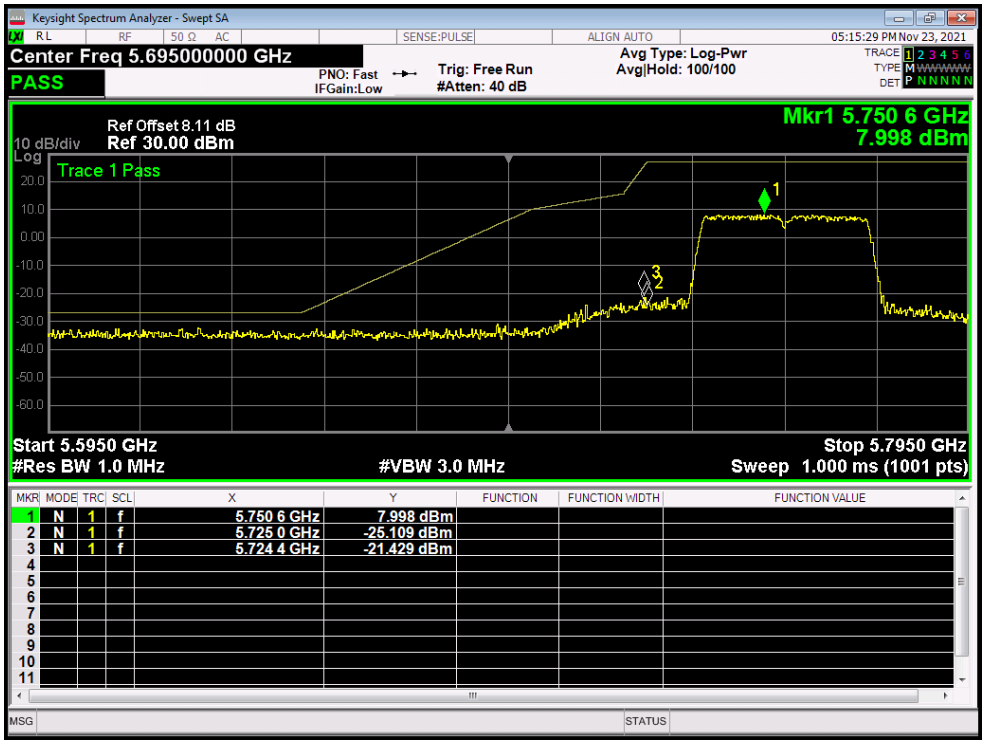
Band Edge NVNT ac40 5755MHz Low Ant1



Band Edge NVNT ac40 5795MHz High Ant1

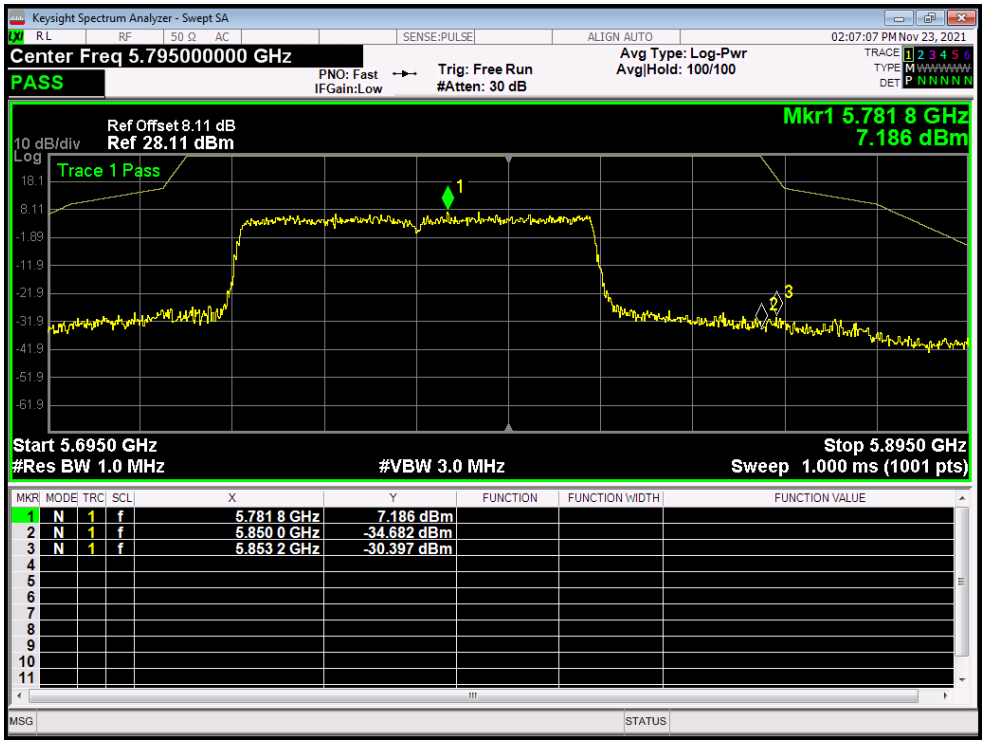


Band Edge NVNT ac40 5755MHz Low Ant2

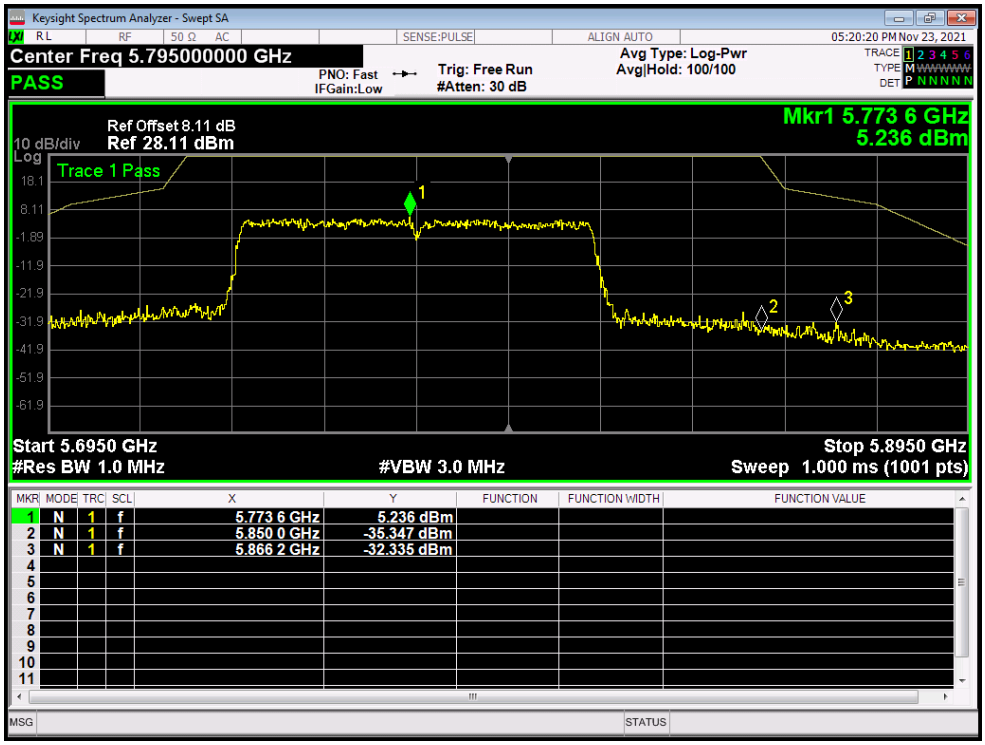


Band Edge NVNT ac40 5795MHz High Ant2

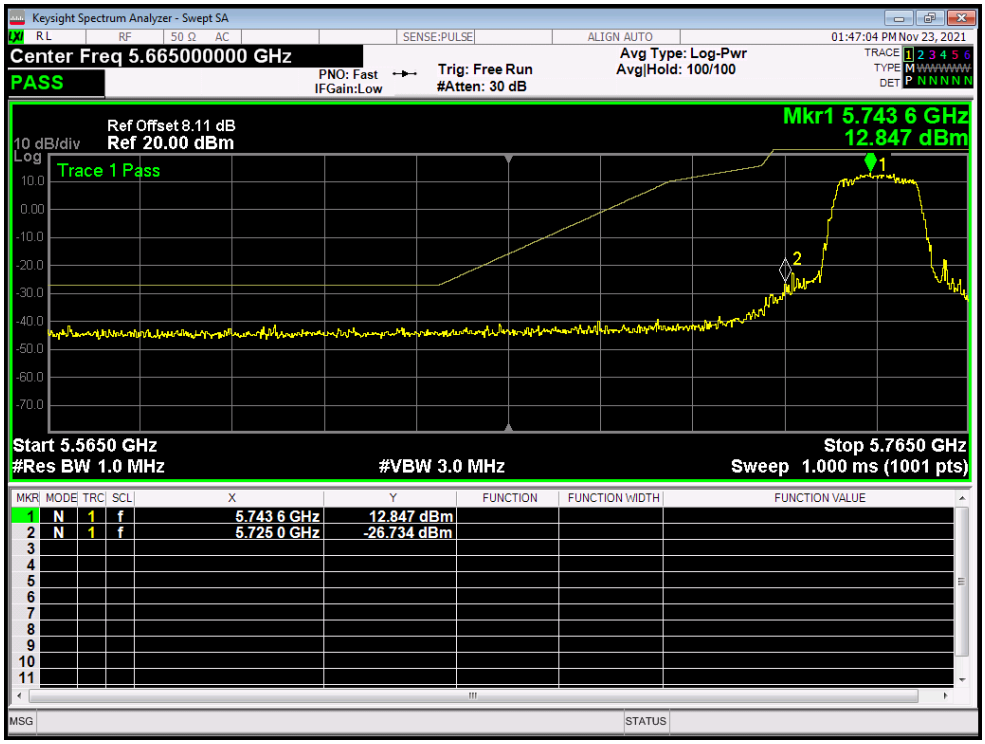
Band Edge NVNT ac80 5775MHz High Ant1



Band Edge NVNT ac80 5775MHz High Ant2

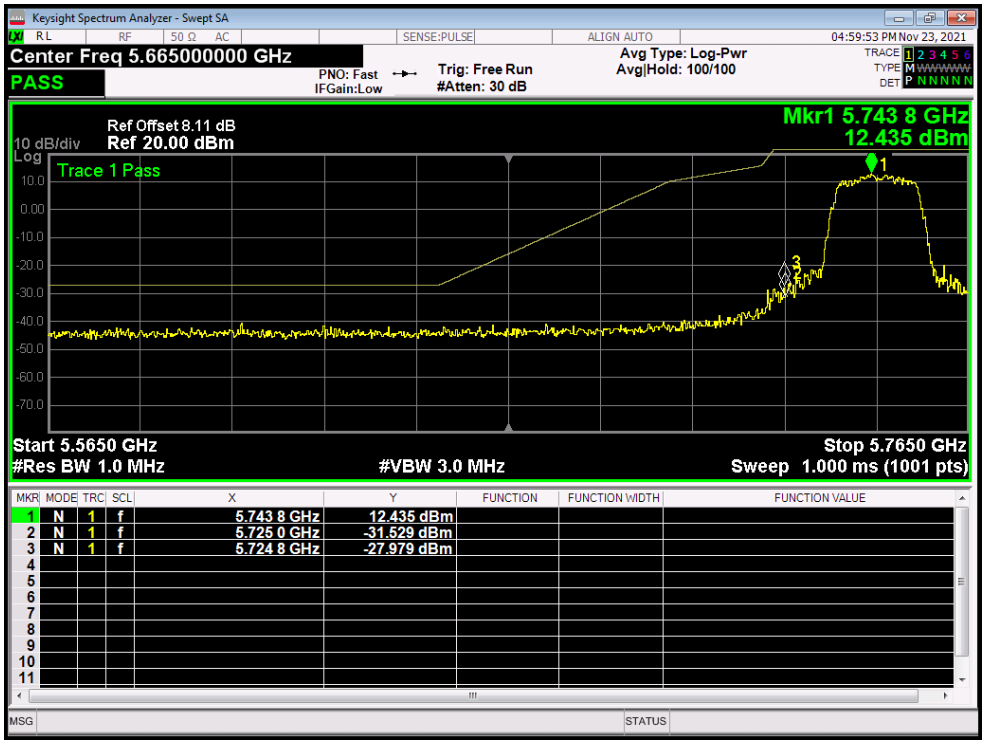


Band Edge NVNT n20 5745MHz Low Ant1

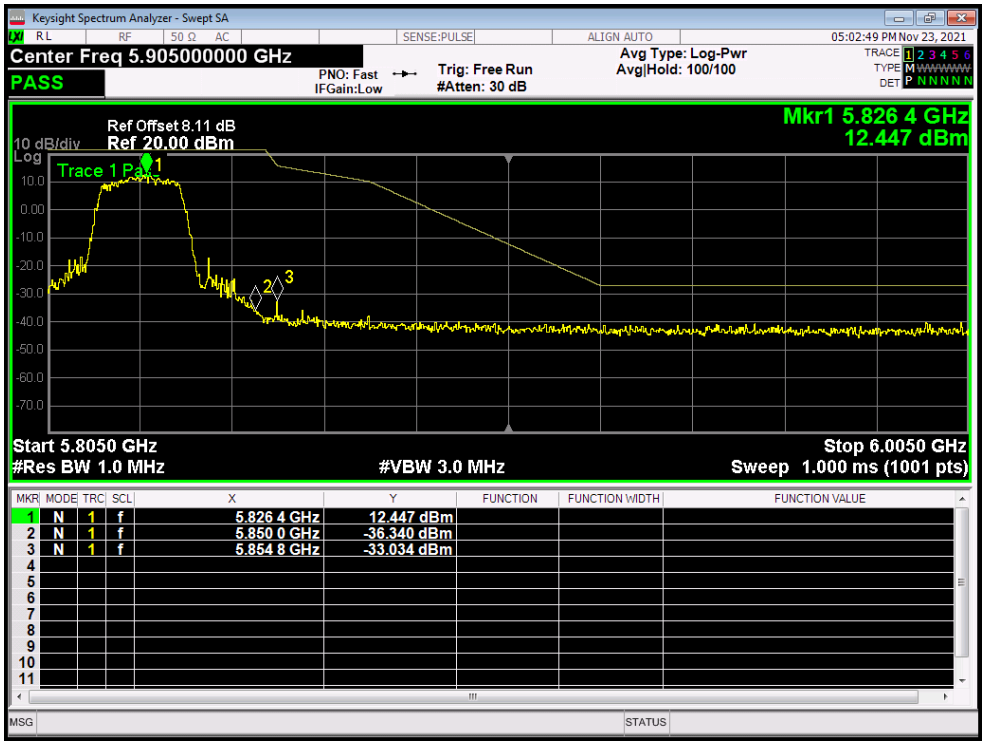


Band Edge NVNT n20 5825MHz High Ant1

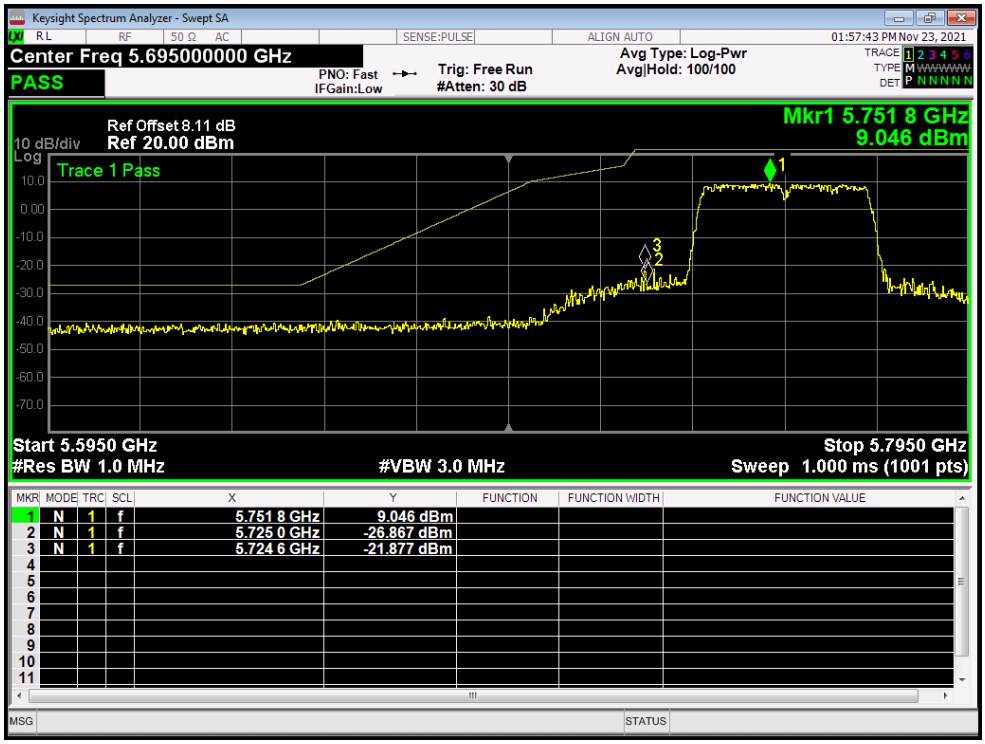
Band Edge NVNT n20 5745MHz Low Ant2



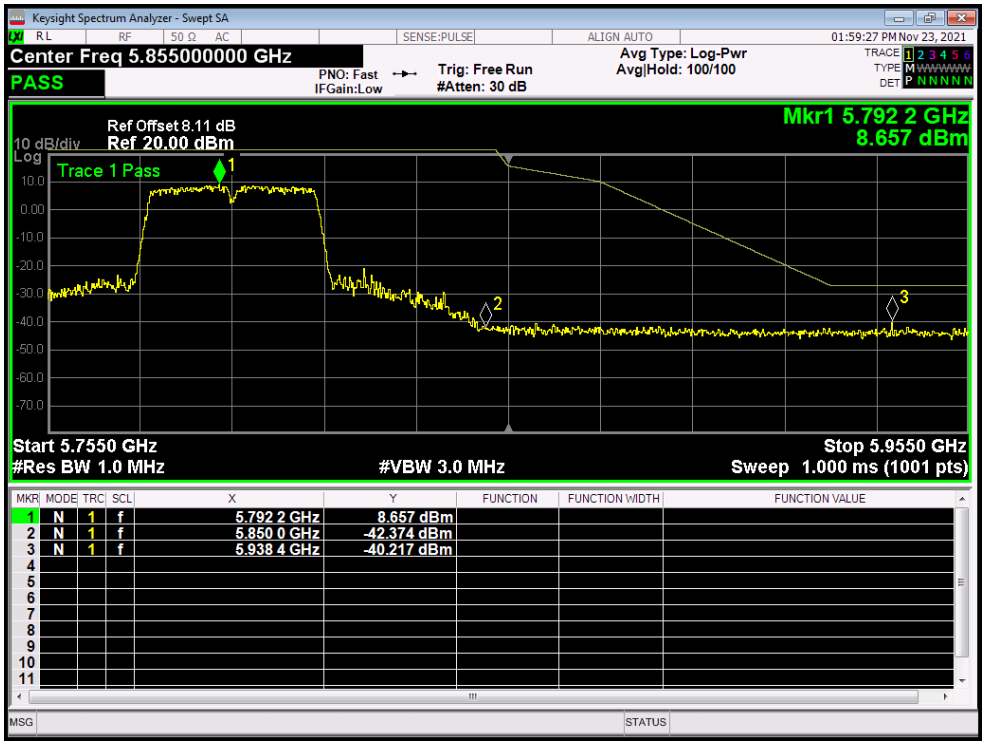
Band Edge NVNT n20 5825MHz High Ant2



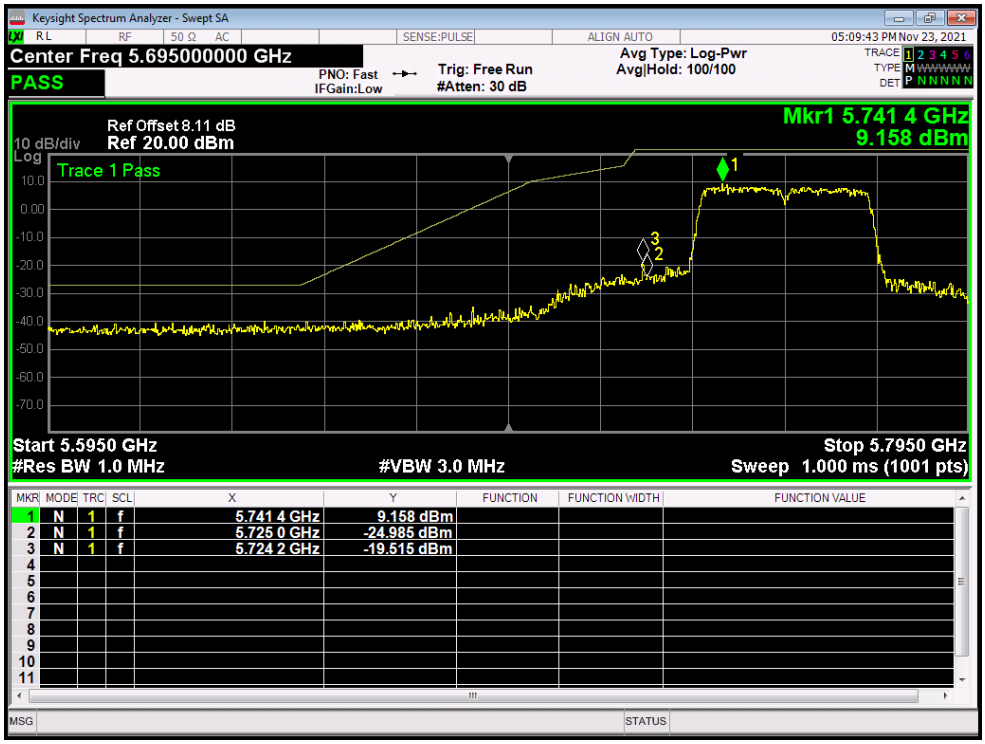
Band Edge NVNT n40 5755MHz Low Ant1



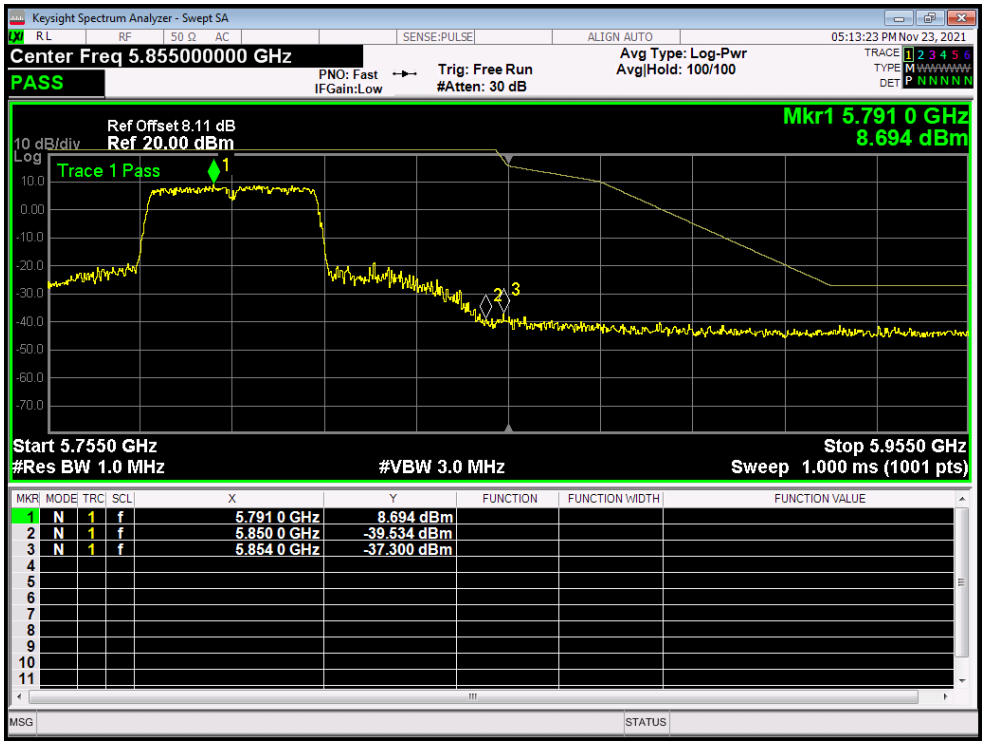
Band Edge NVNT n40 5795MHz High Ant1



Band Edge NVNT n40 5755MHz Low Ant2



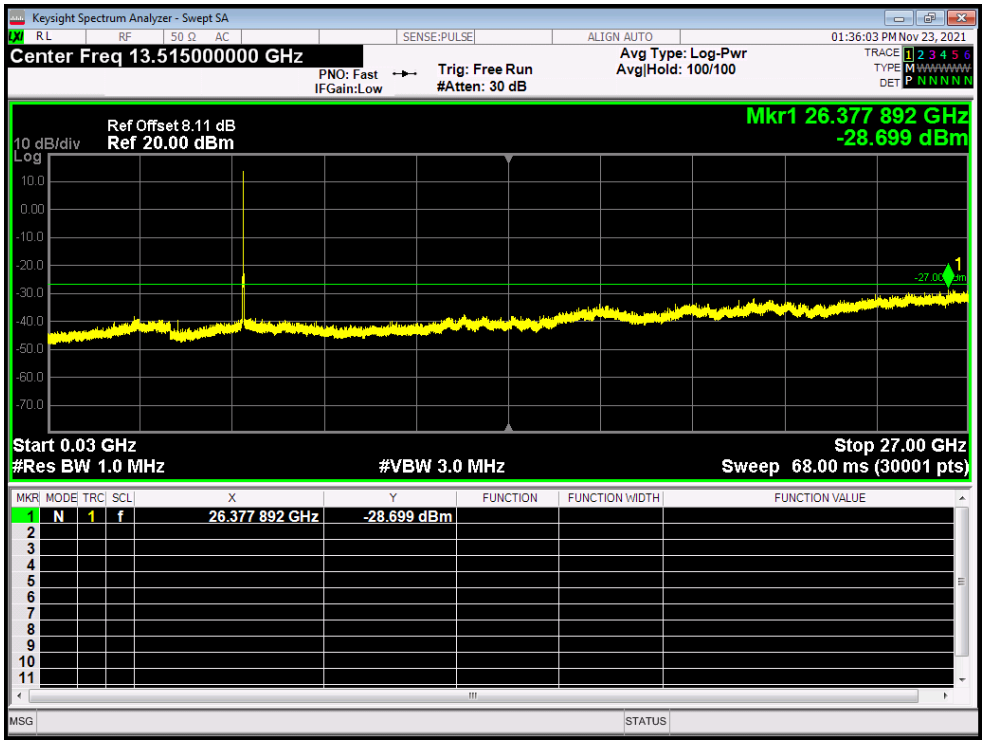
Band Edge NVNT n40 5795MHz High Ant2



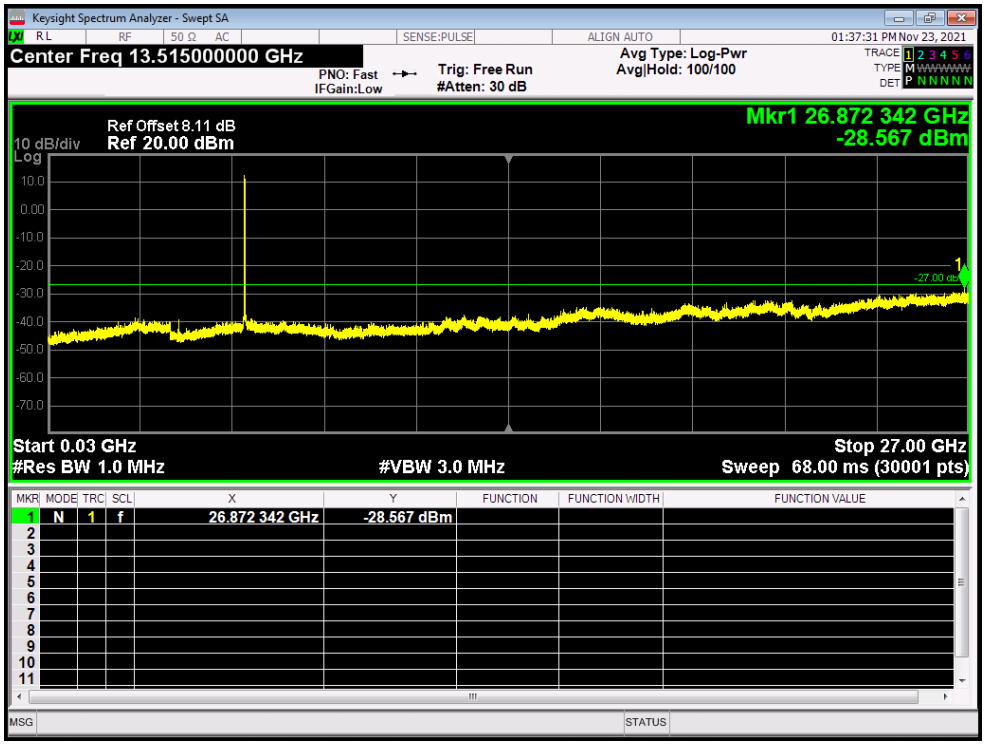
Conducted RF Spurious Emission

Condition	Mode	Frequency (MHz)	Antenna	Max Value (dBc)	Limit (dBc)	Verdict
NVNT	a	5745	Ant1	-28.69	-27	Pass
NVNT	a	5785	Ant1	-28.56	-27	Pass
NVNT	a	5805	Ant1	-28.02	-27	Pass
NVNT	a	5745	Ant2	-28.29	-27	Pass
NVNT	a	5785	Ant2	-28.44	-27	Pass
NVNT	a	5805	Ant2	-27.9	-27	Pass
NVNT	ac20	5745	Ant1	-28.91	-27	Pass
NVNT	ac20	5785	Ant1	-28.83	-27	Pass
NVNT	ac20	5825	Ant1	-29.2	-27	Pass
NVNT	ac20	5745	Ant2	-28.76	-27	Pass
NVNT	ac20	5785	Ant2	-28.36	-27	Pass
NVNT	ac20	5825	Ant2	-28.69	-27	Pass
NVNT	ac40	5755	Ant1	-28.71	-27	Pass
NVNT	ac40	5795	Ant1	-29.3	-27	Pass
NVNT	ac40	5755	Ant2	-28.56	-27	Pass
NVNT	ac40	5795	Ant2	-29.07	-27	Pass
NVNT	ac80	5775	Ant1	-28.34	-27	Pass
NVNT	ac80	5775	Ant2	-28.72	-27	Pass
NVNT	n20	5745	Ant1	-29.18	-27	Pass
NVNT	n20	5785	Ant1	-28.97	-27	Pass
NVNT	n20	5825	Ant1	-28.15	-27	Pass
NVNT	n20	5745	Ant2	-28.84	-27	Pass
NVNT	n20	5785	Ant2	-28.83	-27	Pass
NVNT	n20	5825	Ant2	-28.68	-27	Pass
NVNT	n40	5755	Ant1	-28.8	-27	Pass
NVNT	n40	5795	Ant1	-29.52	-27	Pass
NVNT	n40	5755	Ant2	-29.14	-27	Pass
NVNT	n40	5795	Ant2	-28.58	-27	Pass

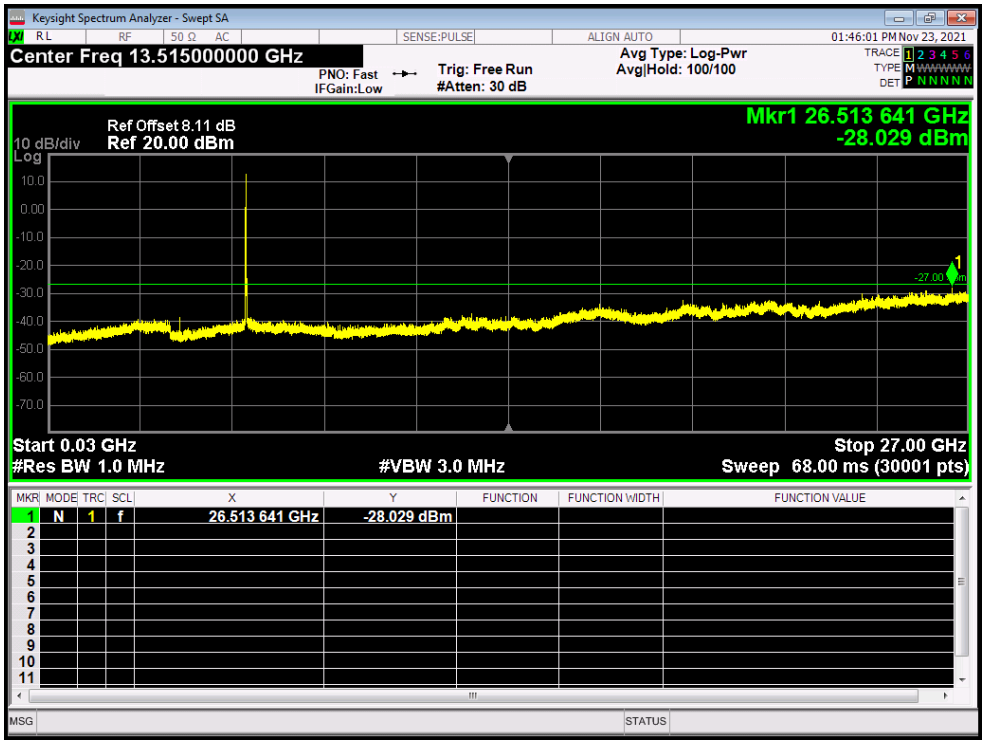
Tx. Spurious NVNT a 5745MHz Ant1 Emission



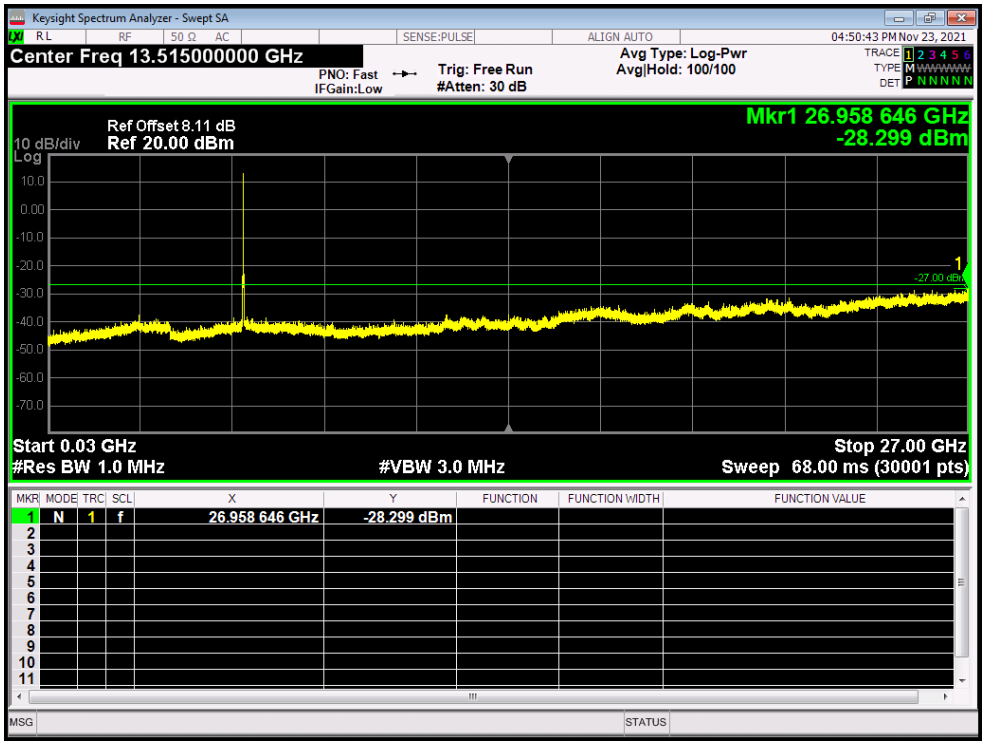
Tx. Spurious NVNT a 5785MHz Ant1 Emission



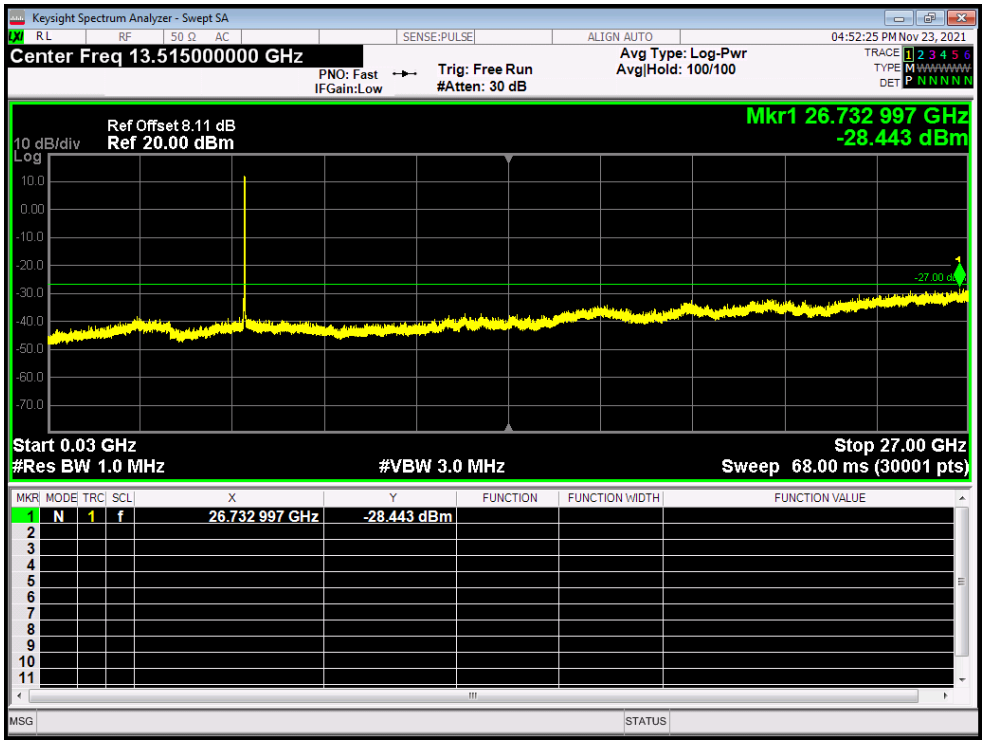
Tx. Spurious NVNT a 5805MHz Ant1 Emission



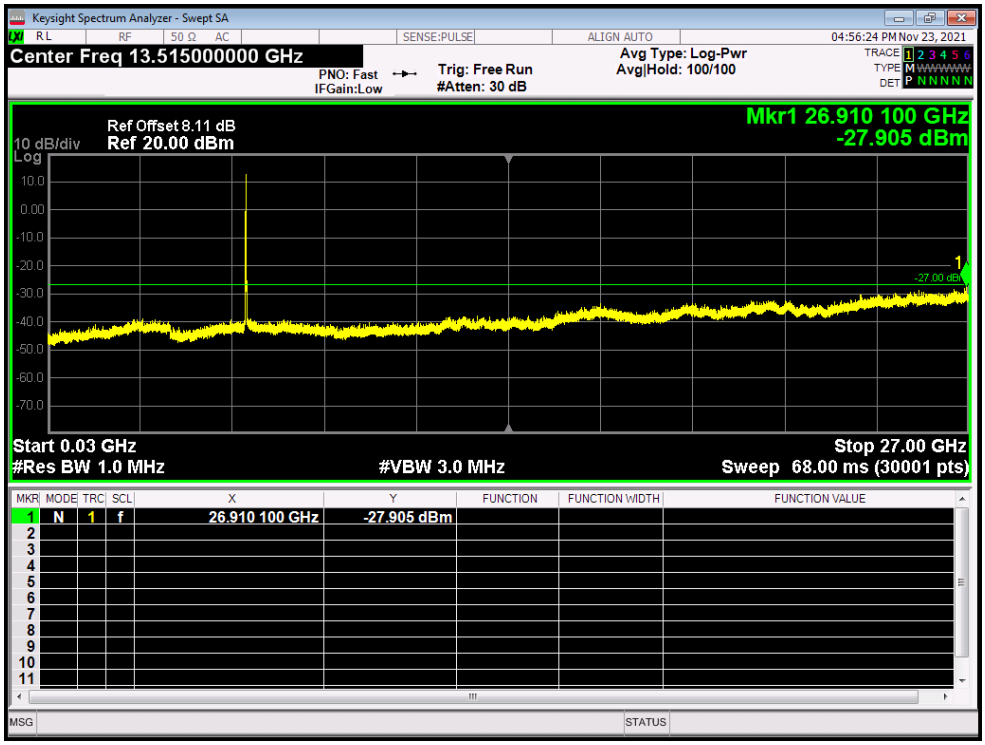
Tx. Spurious NVNT a 5745MHz Ant2 Emission



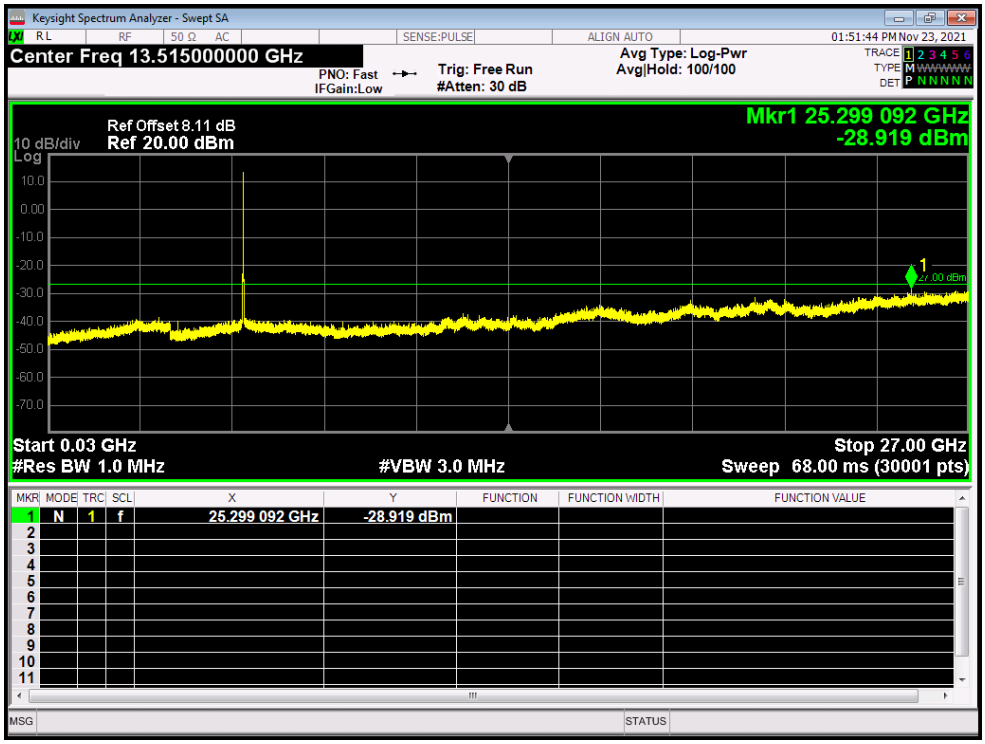
Tx. Spurious NVNT a 5785MHz Ant2 Emission



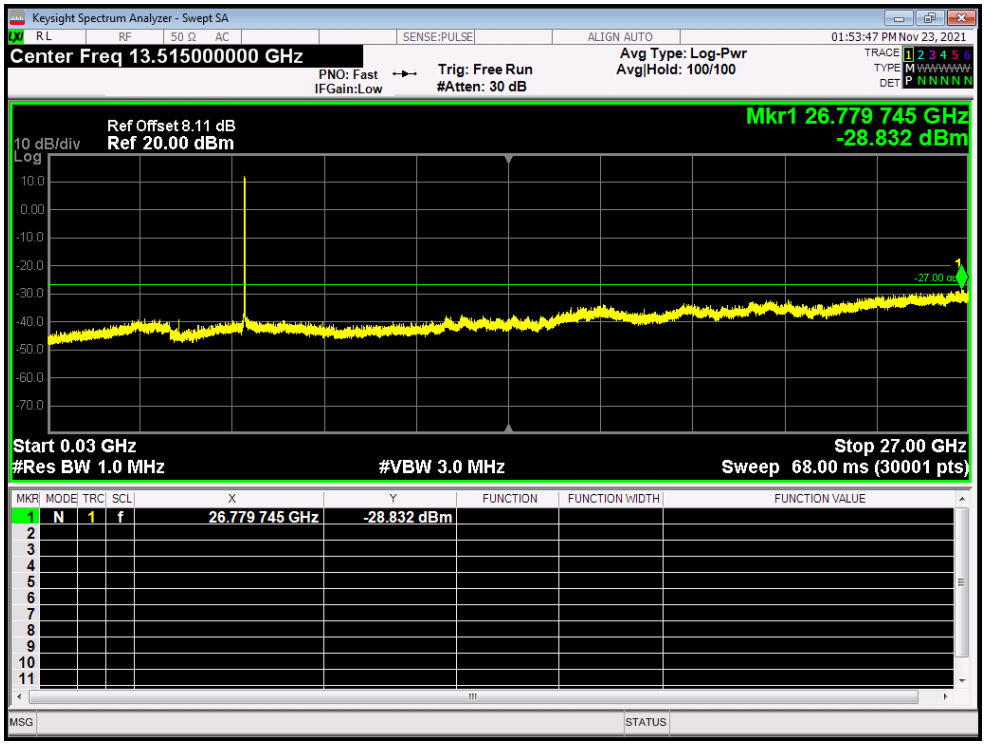
Tx. Spurious NVNT a 5805MHz Ant2 Emission



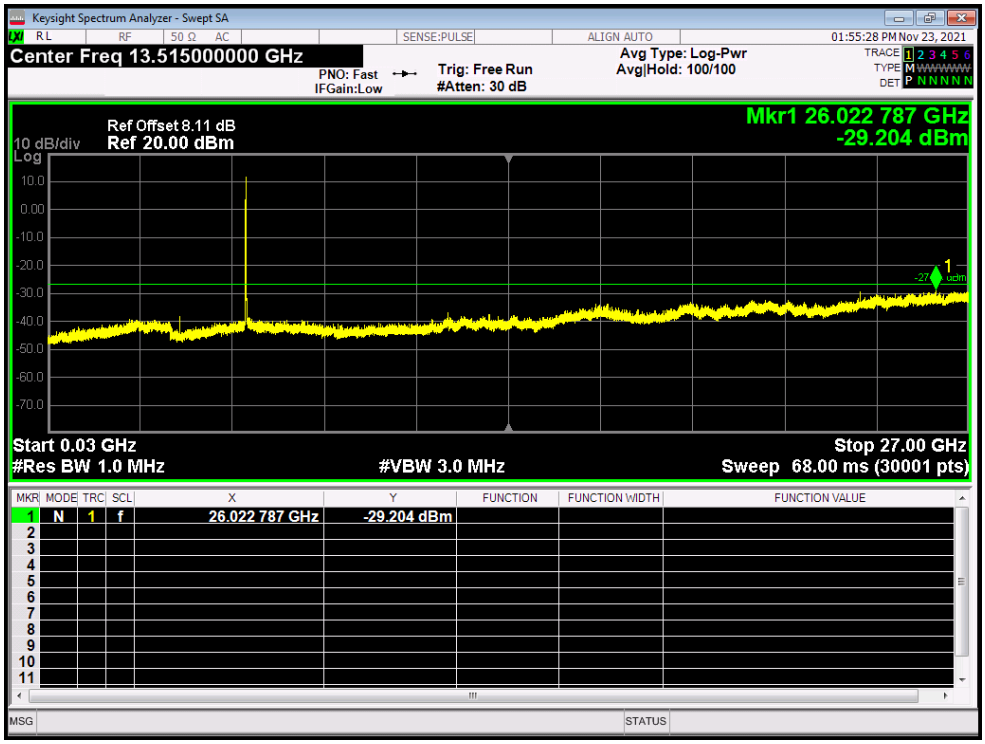
Tx. Spurious NVNT ac20 5745MHz Ant1 Emission



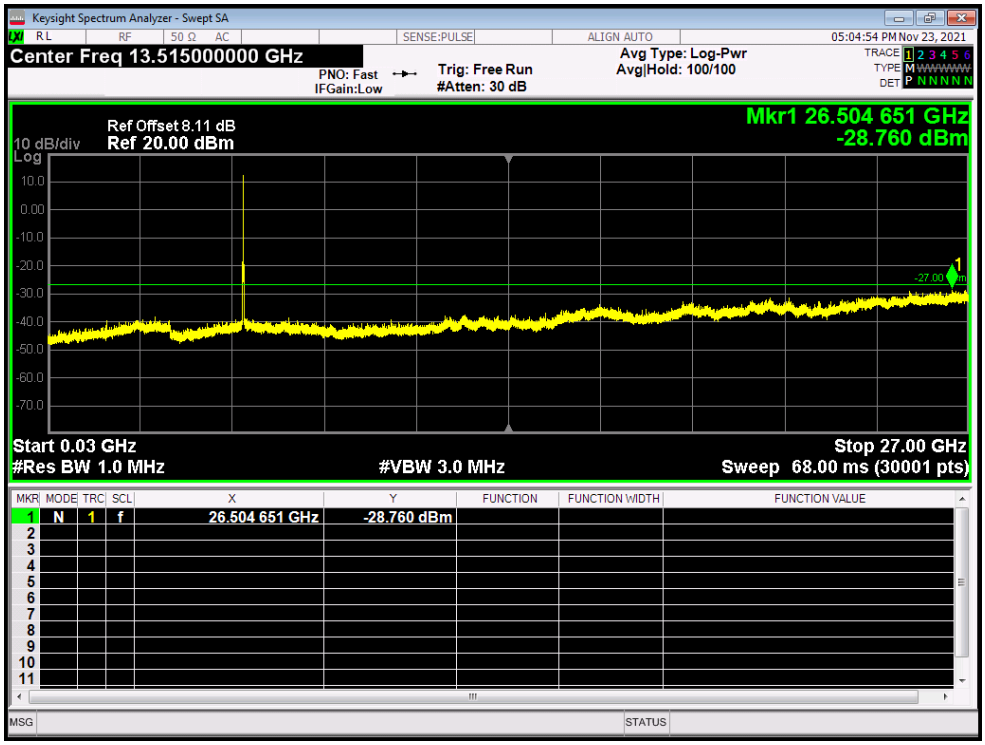
Tx. Spurious NVNT ac20 5785MHz Ant1 Emission



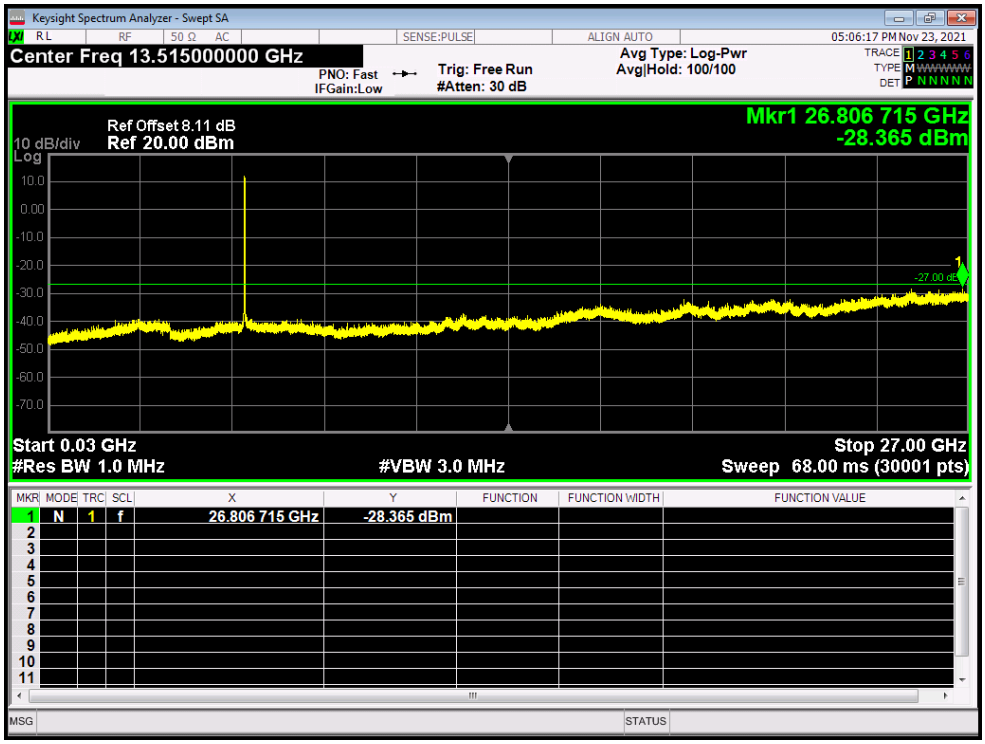
Tx. Spurious NVNT ac20 5825MHz Ant1 Emission



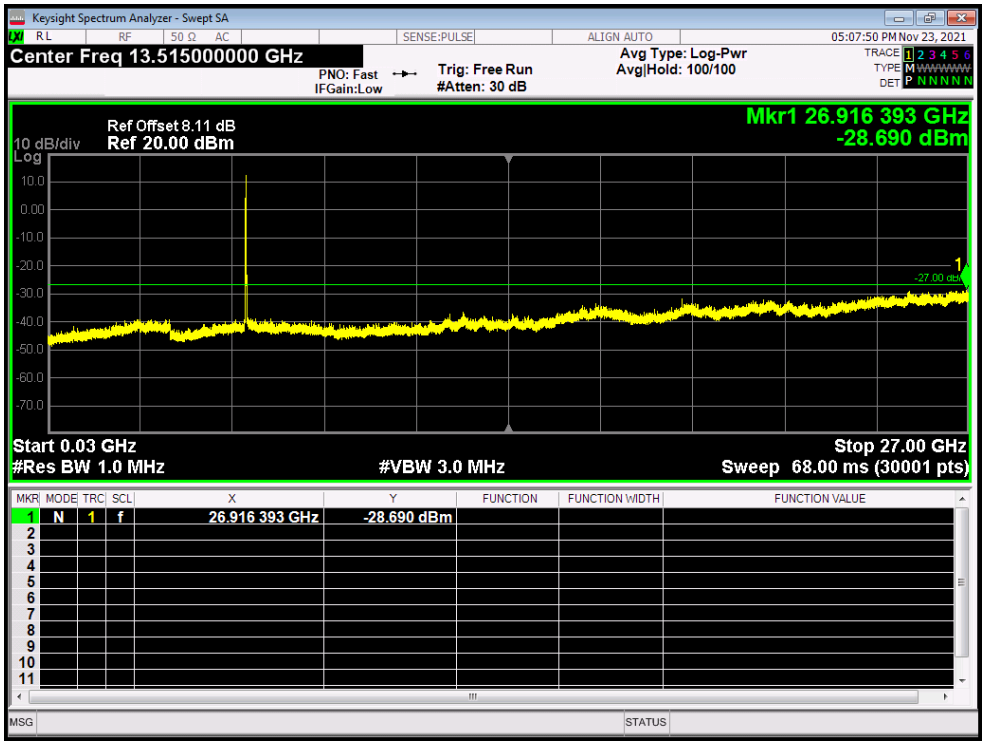
Tx. Spurious NVNT ac20 5745MHz Ant2 Emission



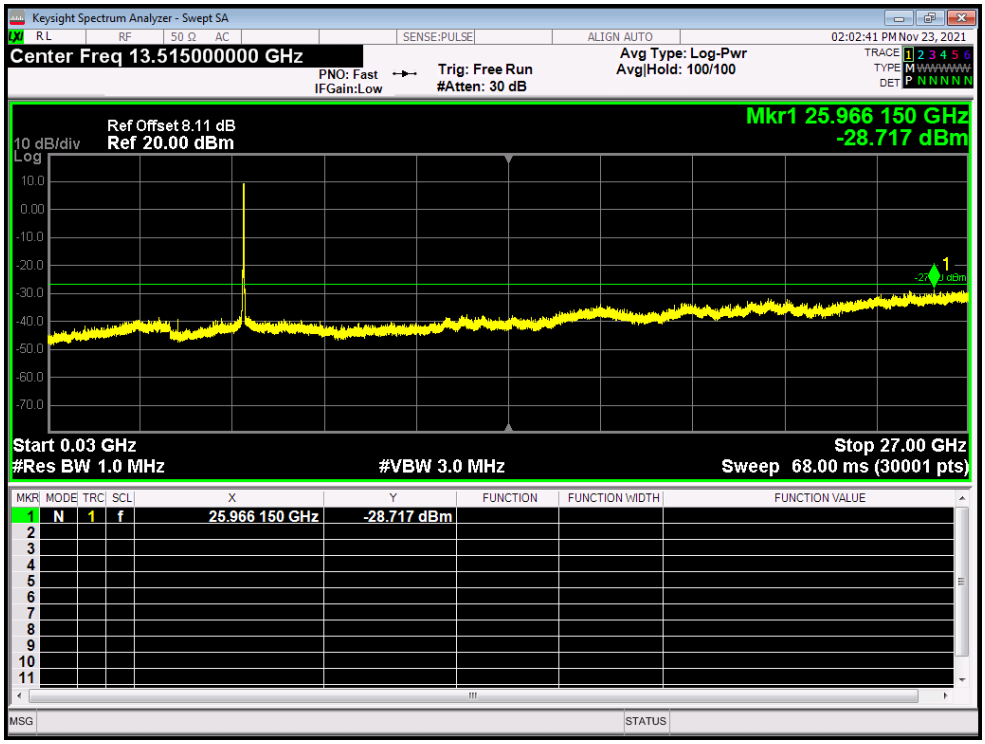
Tx. Spurious NVNT ac20 5785MHz Ant2 Emission



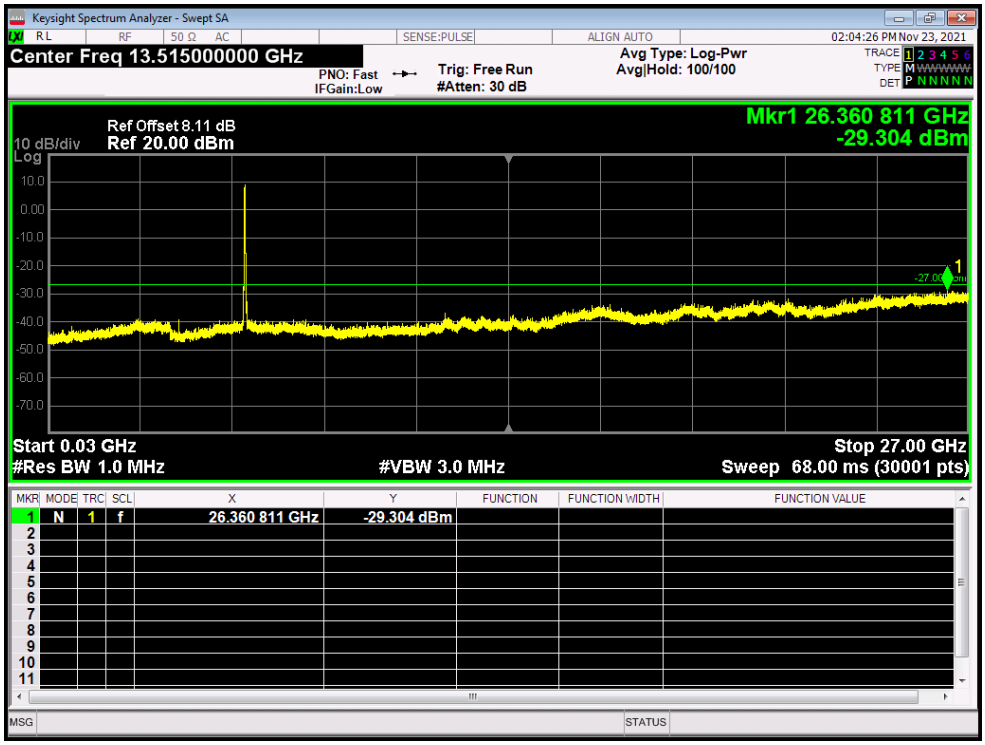
Tx. Spurious NVNT ac20 5825MHz Ant2 Emission



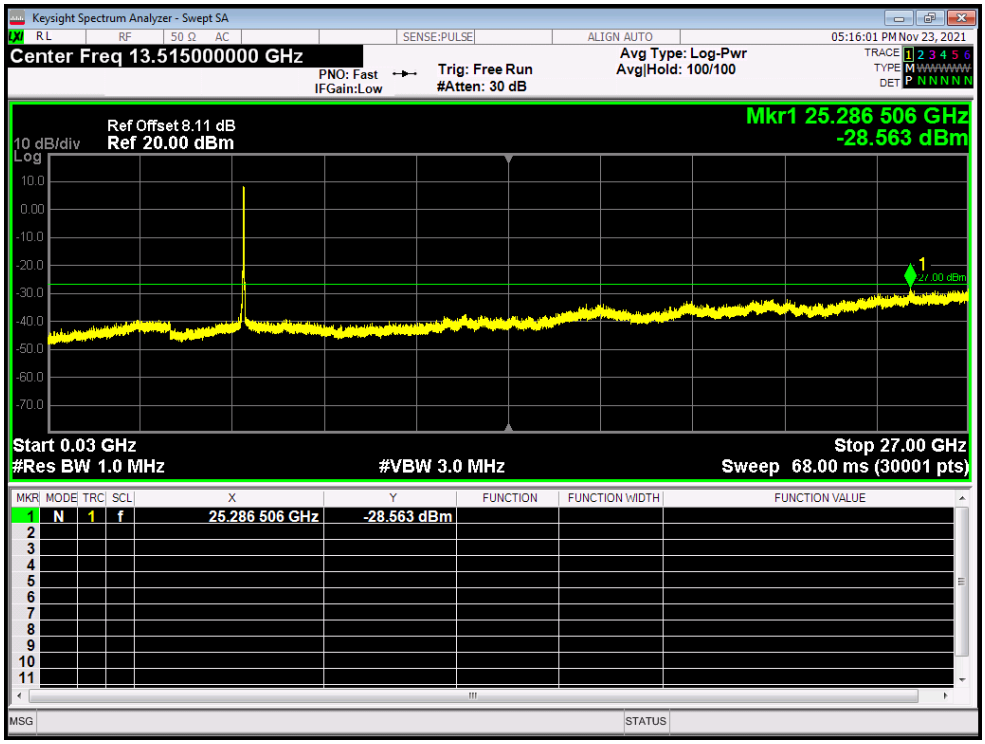
Tx. Spurious NVNT ac40 5755MHz Ant1 Emission



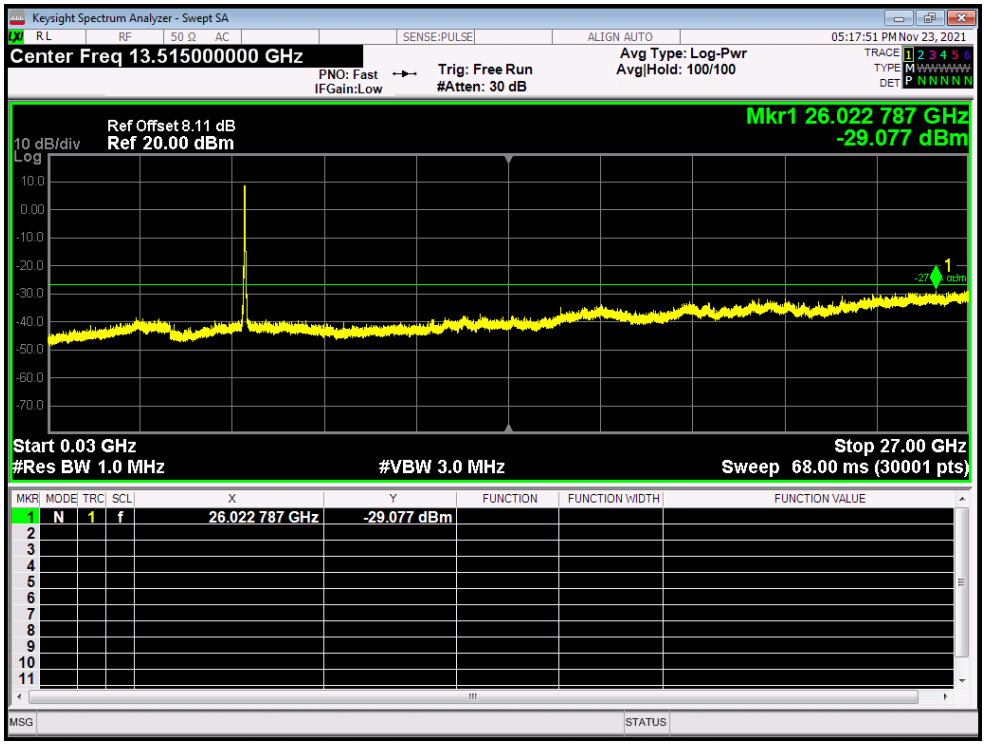
Tx. Spurious NVNT ac40 5795MHz Ant1 Emission



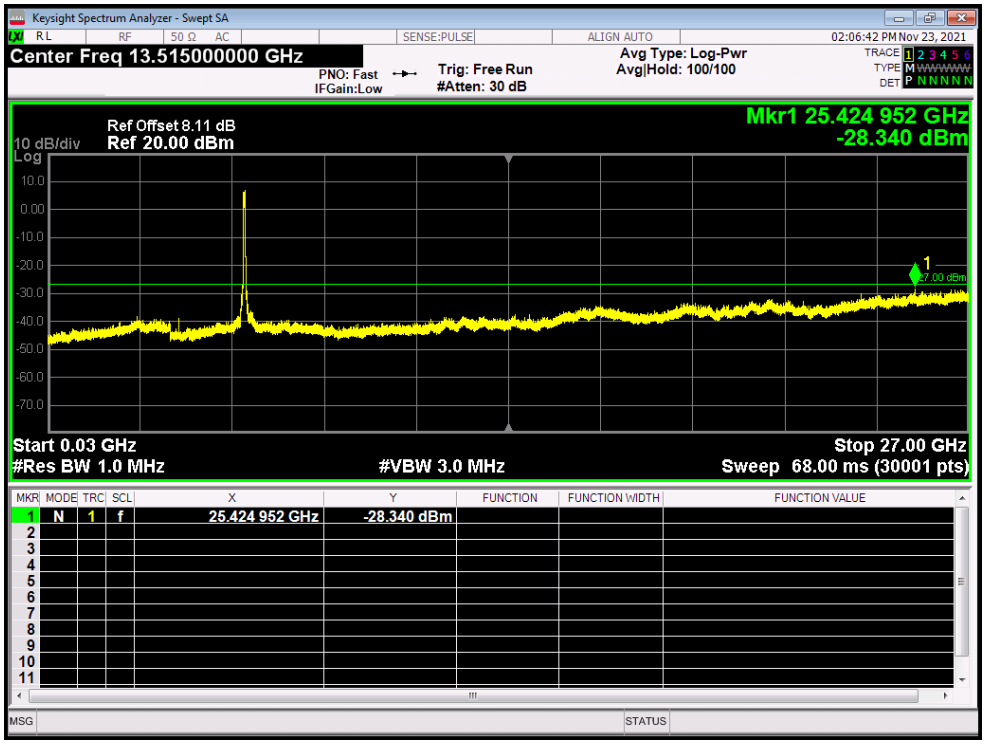
Tx. Spurious NVNT ac40 5755MHz Ant2 Emission



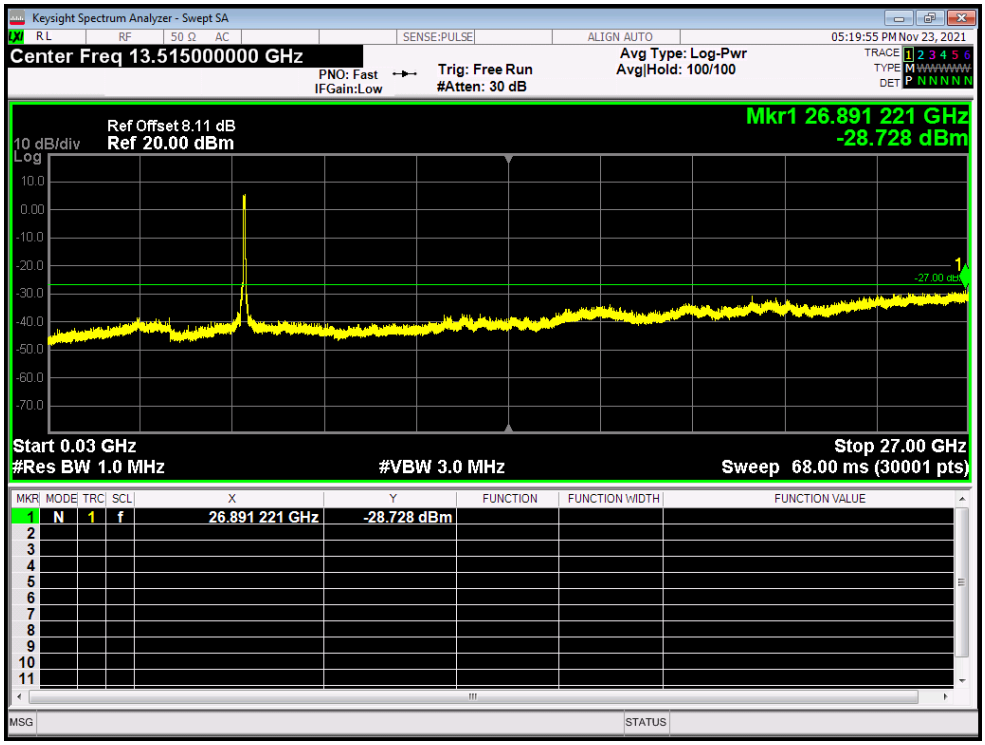
Tx. Spurious NVNT ac40 5795MHz Ant2 Emission



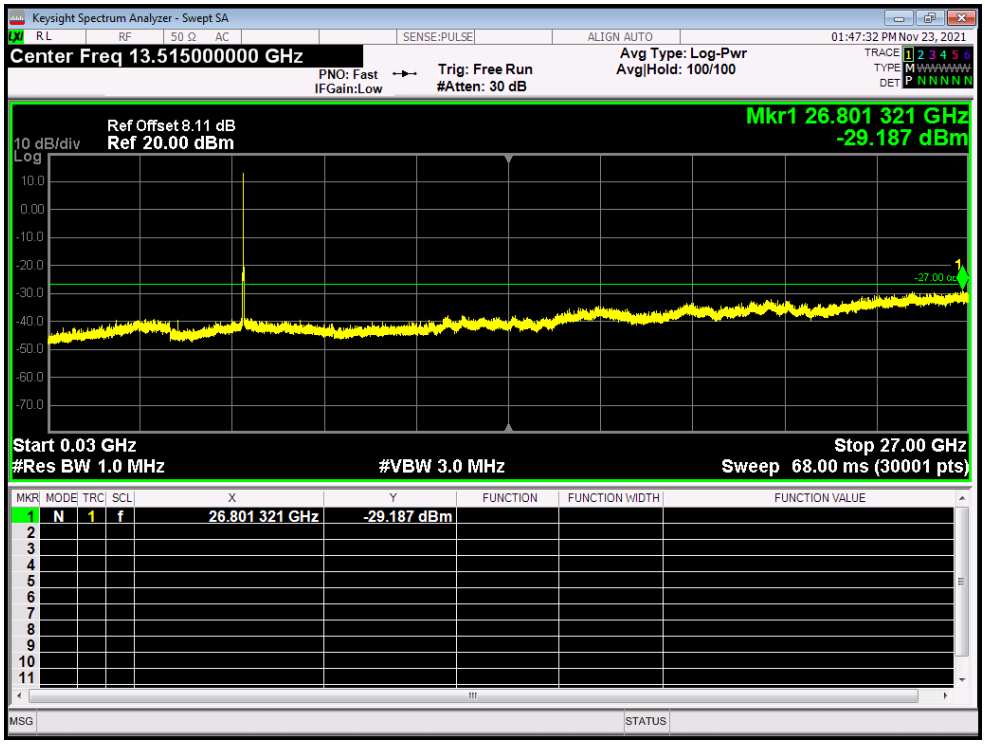
Tx. Spurious NVNT ac80 5775MHz Ant1 Emission



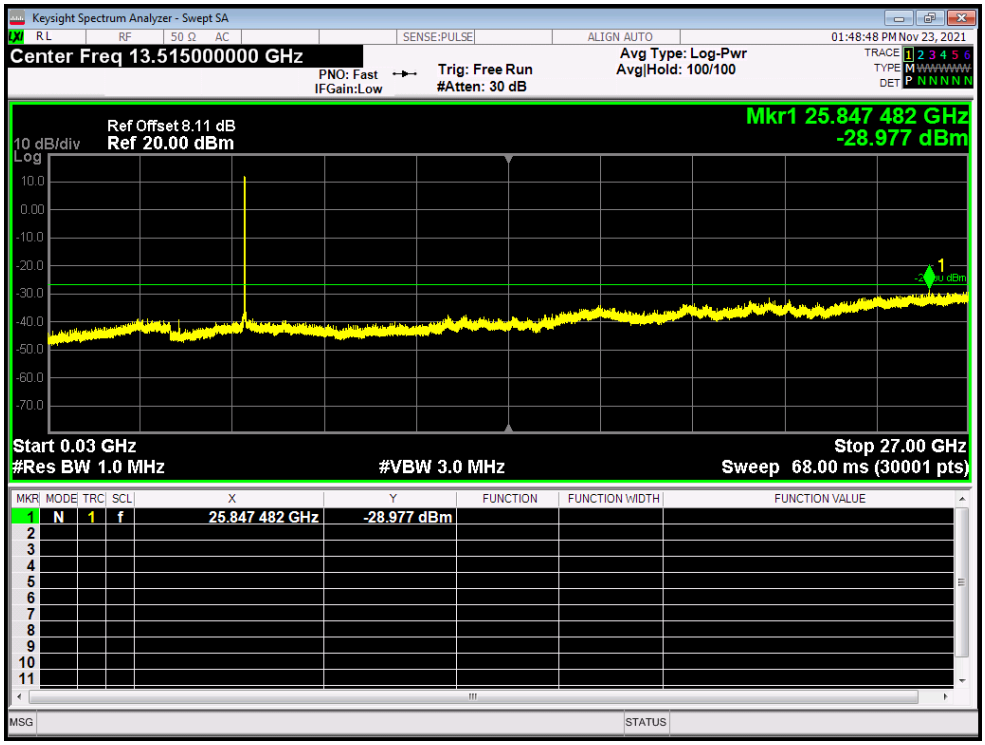
Tx. Spurious NVNT ac80 5775MHz Ant2 Emission



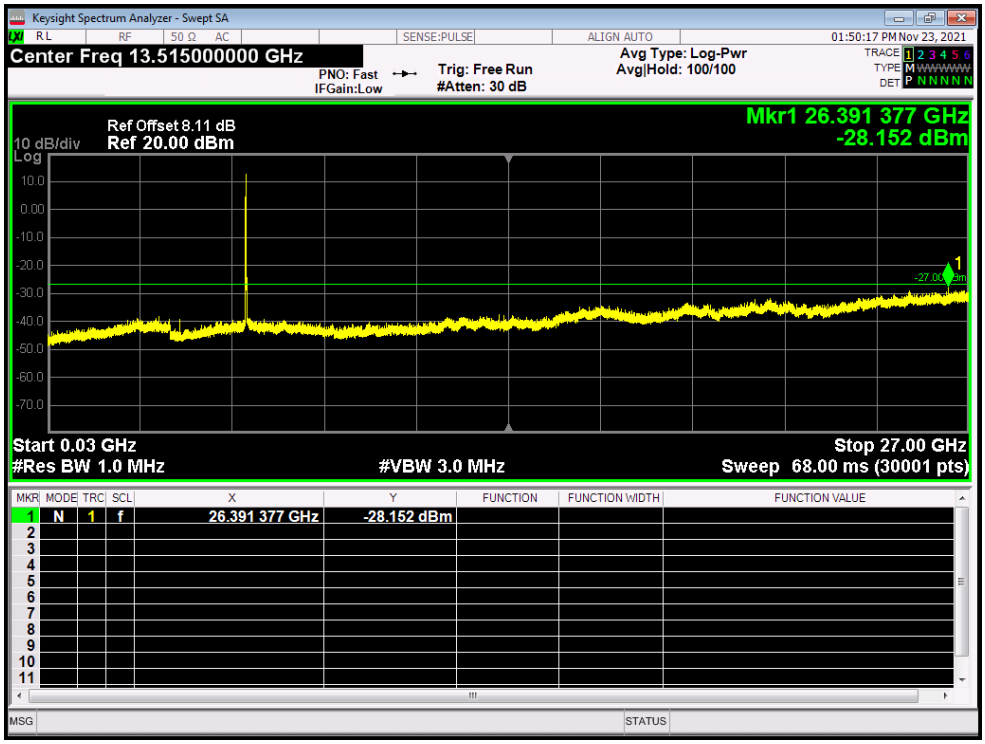
Tx. Spurious NVNT n20 5745MHz Ant1 Emission



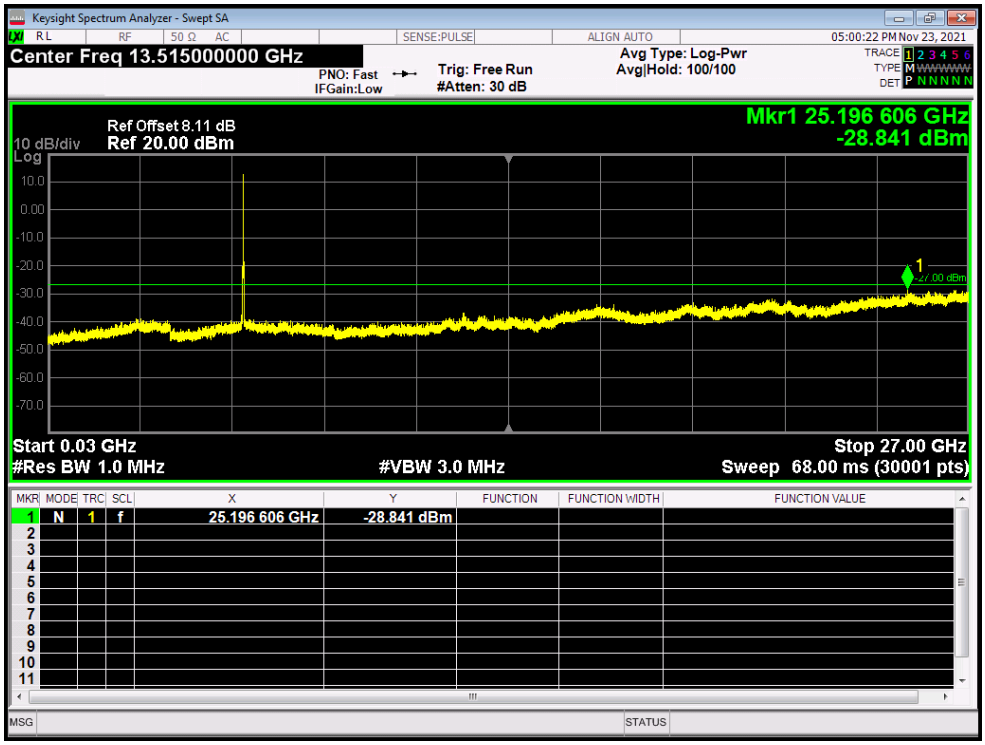
Tx. Spurious NVNT n20 5785MHz Ant1 Emission



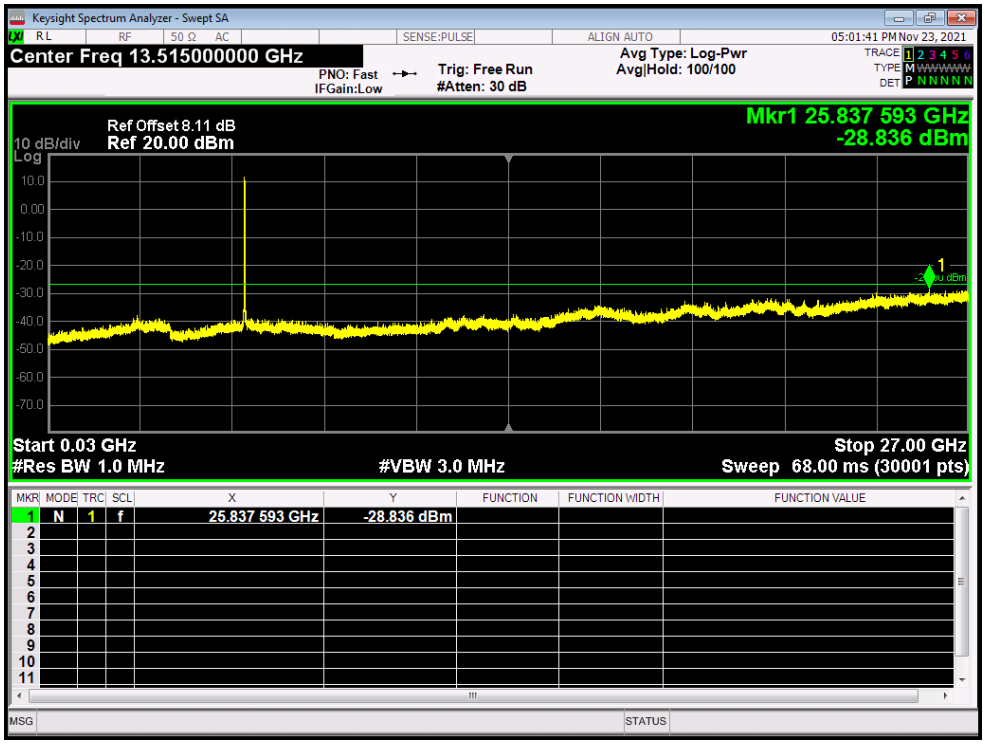
Tx. Spurious NVNT n20 5825MHz Ant1 Emission



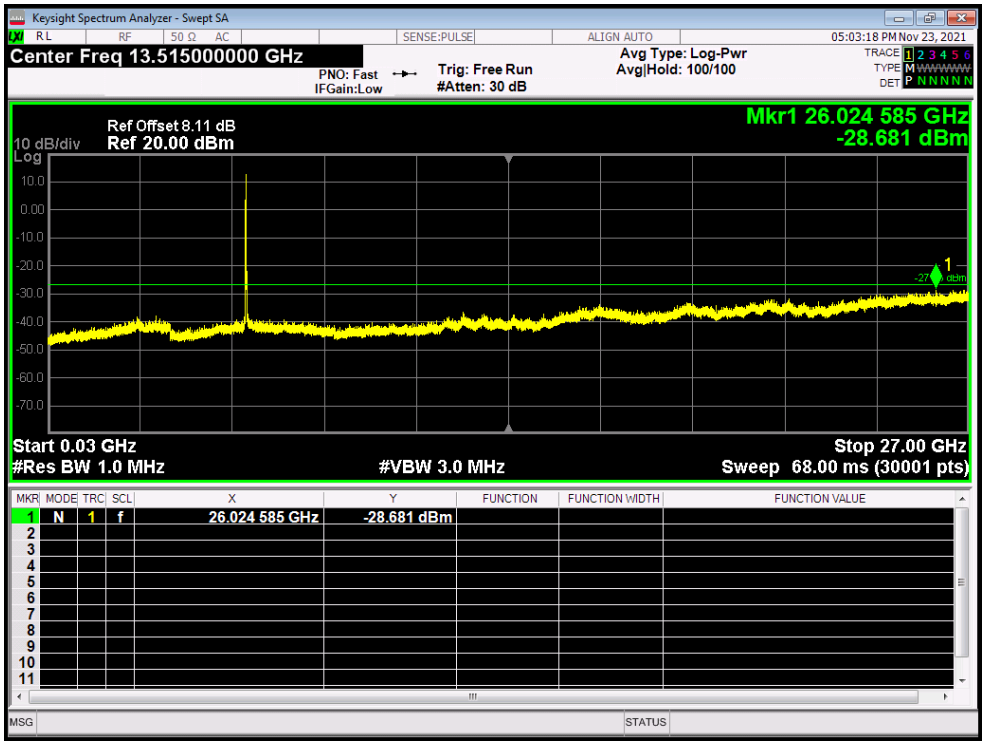
Tx. Spurious NVNT n20 5745MHz Ant2 Emission



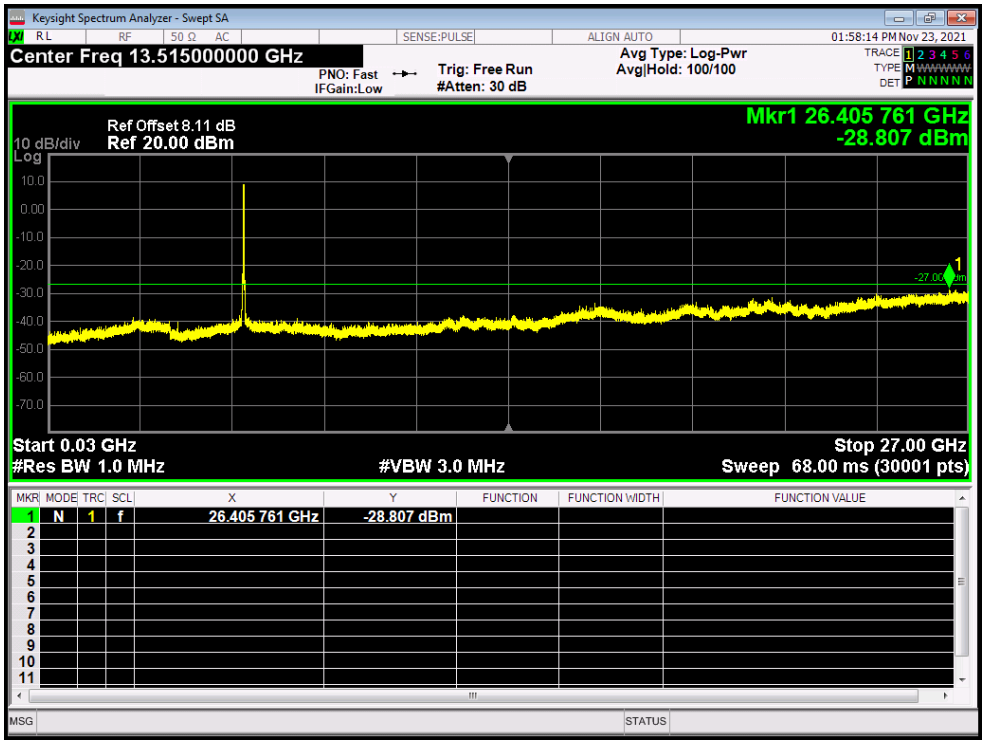
Tx. Spurious NVNT n20 5785MHz Ant2 Emission



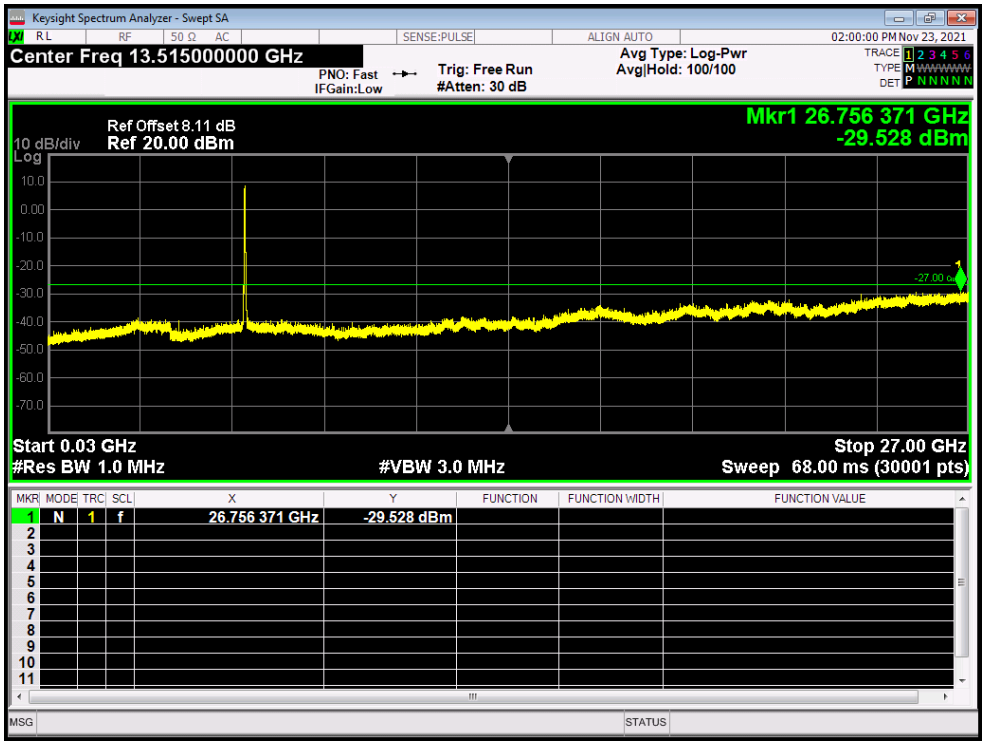
Tx. Spurious NVNT n20 5825MHz Ant2 Emission



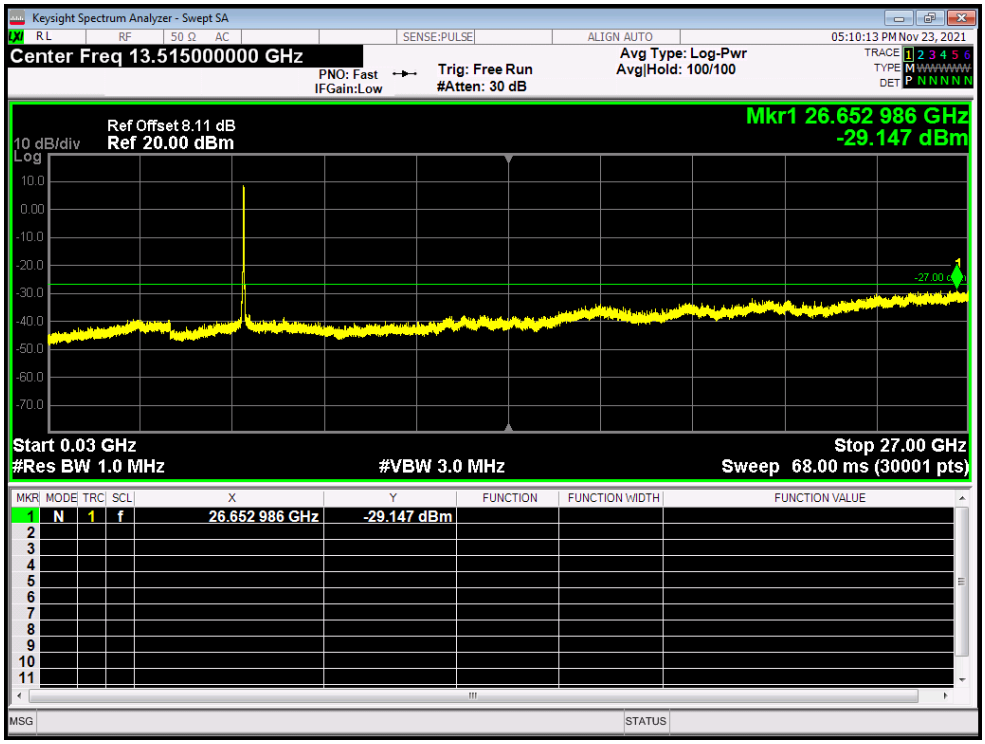
Tx. Spurious NVNT n40 5755MHz Ant1 Emission



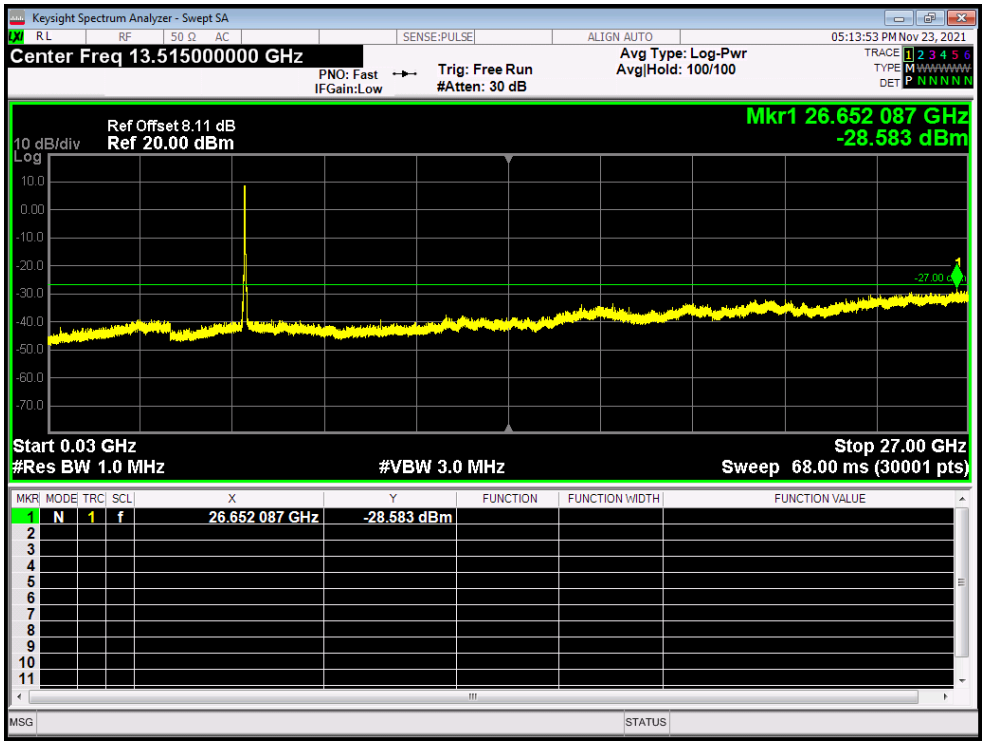
Tx. Spurious NVNT n40 5795MHz Ant1 Emission



Tx. Spurious NVNT n40 5755MHz Ant2 Emission



Tx. Spurious NVNT n40 5795MHz Ant2 Emission



MIMO 5.8G:

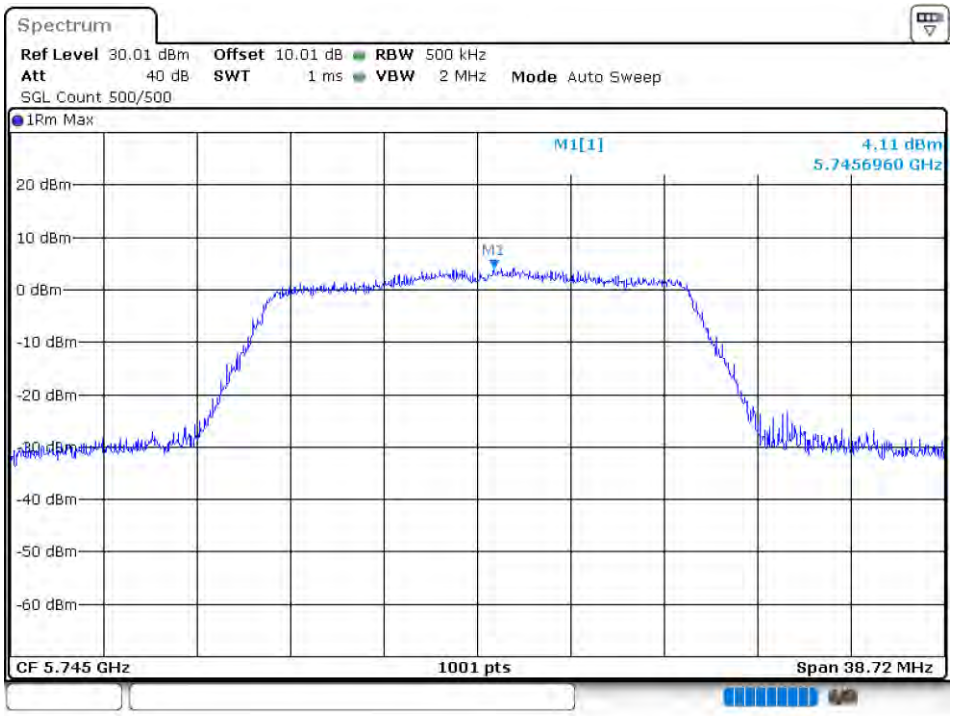
Maximum Conducted Output Power

Condition	Mode	Frequency (MHz)	Antenna	Conducted Power (dBm)	Duty Factor (dB)	Total Power (dBm)	Total Power (dBm)	Limit (dBm)	Verdict
NVNT	ac20	5745	Ant1	8.226	0.02	8.246	11.36	30	Pass
NVNT	ac20	5745	Ant2	8.436	0.02	8.456		30	Pass
NVNT	ac20	5785	Ant1	7.915	0.02	7.935	10.75	30	Pass
NVNT	ac20	5785	Ant2	7.525	0.02	7.545		30	Pass
NVNT	ac20	5825	Ant1	7.515	0.02	7.535	10.92	30	Pass
NVNT	ac20	5825	Ant2	8.232	0.02	8.252		30	Pass
NVNT	ac40	5755	Ant1	8.901	0.03	8.931	11.48	30	Pass
NVNT	ac40	5755	Ant2	7.917	0.03	7.947		30	Pass
NVNT	ac40	5795	Ant1	8.229	0.03	8.259	11.26	30	Pass
NVNT	ac40	5795	Ant2	8.213	0.03	8.243		30	Pass
NVNT	ac80	5775	Ant1	4.981	4.4	9.381	12.05	30	Pass
NVNT	ac80	5775	Ant2	4.075	4.6	8.675		30	Pass
NVNT	n20	5745	Ant1	8.472	0.29	8.762	11.65	30	Pass
NVNT	n20	5745	Ant2	8.24	0.28	8.52		30	Pass
NVNT	n20	5785	Ant1	7.489	0.28	7.769	10.69	30	Pass
NVNT	n20	5785	Ant2	7.309	0.28	7.589		30	Pass
NVNT	n20	5825	Ant1	8.123	0.28	8.403	11.28	30	Pass
NVNT	n20	5825	Ant2	7.842	0.28	8.122		30	Pass
NVNT	n40	5755	Ant1	8.167	0.55	8.717	11.35	30	Pass
NVNT	n40	5755	Ant2	7.371	0.55	7.921		30	Pass
NVNT	n40	5795	Ant1	7.41	0.55	7.96	11.11	30	Pass
NVNT	n40	5795	Ant2	7.647	0.58	8.227		30	Pass

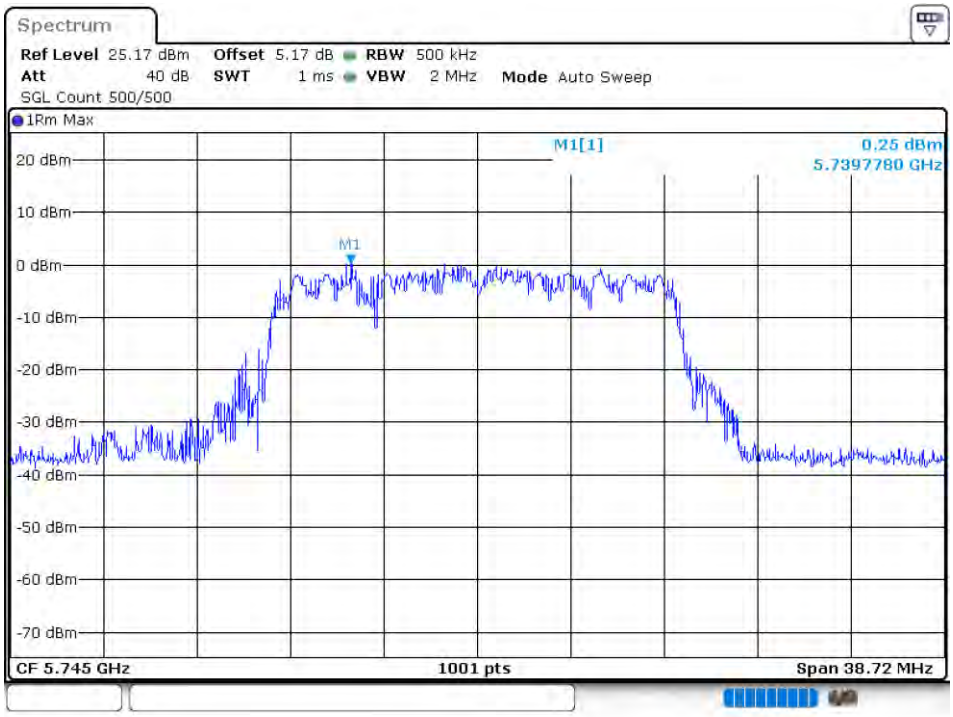
Maximum Power Spectral Density Level

Condition	Mode	Frequency (MHz)	Antenna	Max PSD (dBm/500KHz)	Limit (dBm/500KHz)	Verdict
NVNT	802.11ac20	5745	Ant 1	4.11	26.09	Pass
NVNT	802.11ac20	5745	Ant 2	0.246	26.09	Pass
NVNT	802.11ac20	5745	Sum	5.605	26.09	Pass
NVNT	802.11ac20	5785	Ant 1	7.274	26.09	Pass
NVNT	802.11ac20	5785	Ant 2	-0.376	26.09	Pass
NVNT	802.11ac20	5785	Sum	7.963	26.09	Pass
NVNT	802.11ac20	5825	Ant 1	3.146	26.09	Pass
NVNT	802.11ac20	5825	Ant 2	0.743	26.09	Pass
NVNT	802.11ac20	5825	Sum	5.119	26.09	Pass
NVNT	802.11ac40	5755	Ant 1	0.599	26.09	Pass
NVNT	802.11ac40	5755	Ant 2	-1.799	26.09	Pass
NVNT	802.11ac40	5755	Sum	2.574	26.09	Pass
NVNT	802.11ac40	5795	Ant 1	1.167	26.09	Pass
NVNT	802.11ac40	5795	Ant 2	-1.93	26.09	Pass
NVNT	802.11ac40	5795	Sum	2.899	26.09	Pass
NVNT	802.11ac80	5775	Ant 1	-1.589	26.09	Pass
NVNT	802.11ac80	5775	Ant 2	-4.015	26.09	Pass
NVNT	802.11ac80	5775	Sum	0.376	26.09	Pass
NVNT	802.11n(HT20)	5745	Ant 1	4.428	26.09	Pass
NVNT	802.11n(HT20)	5745	Ant 2	1.046	26.09	Pass
NVNT	802.11n(HT20)	5745	Sum	6.069	26.09	Pass
NVNT	802.11n(HT20)	5785	Ant 1	5.202	26.09	Pass
NVNT	802.11n(HT20)	5785	Ant 2	0.255	26.09	Pass
NVNT	802.11n(HT20)	5785	Sum	6.408	26.09	Pass
NVNT	802.11n(HT20)	5825	Ant 1	2.963	26.09	Pass
NVNT	802.11n(HT20)	5825	Ant 2	1.024	26.09	Pass
NVNT	802.11n(HT20)	5825	Sum	5.111	26.09	Pass
NVNT	802.11n(HT40)	5755	Ant 1	0.324	26.09	Pass
NVNT	802.11n(HT40)	5755	Ant 2	-2.807	26.09	Pass
NVNT	802.11n(HT40)	5755	Sum	2.045	26.09	Pass
NVNT	802.11n(HT40)	5795	Ant 1	1.412	26.09	Pass
NVNT	802.11n(HT40)	5795	Ant 2	-1.491	26.09	Pass
NVNT	802.11n(HT40)	5795	Sum	3.209	26.09	Pass

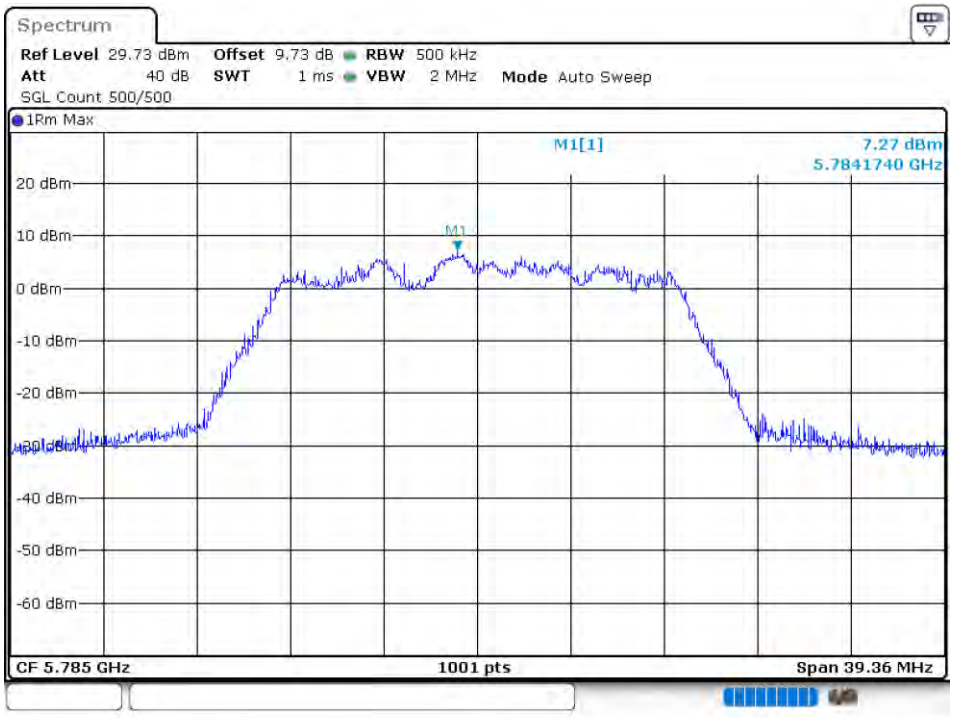
PSD NVNT 802.11ac20 5745MHz Ant1



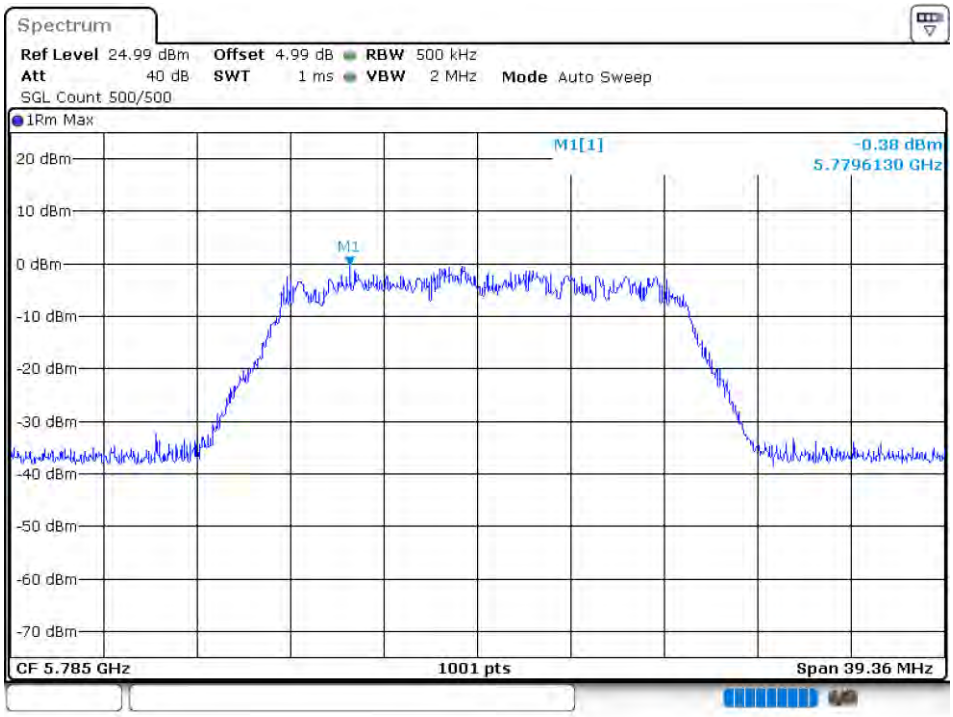
PSD NVNT 802.11ac20 5745MHz Ant2



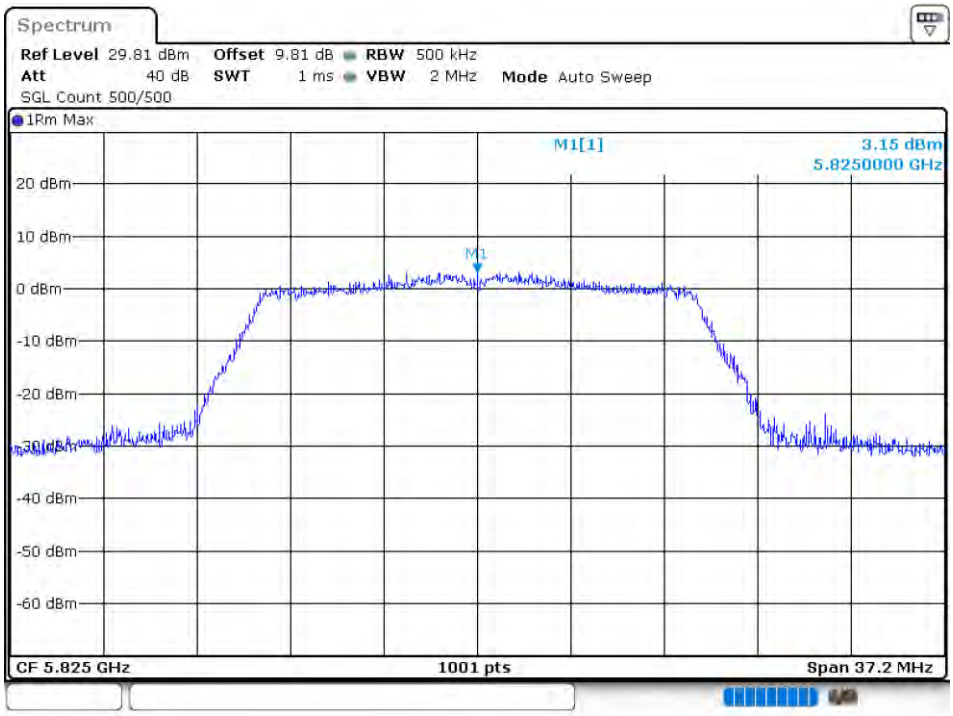
PSD NVNT 802.11ac20 5785MHz Ant1



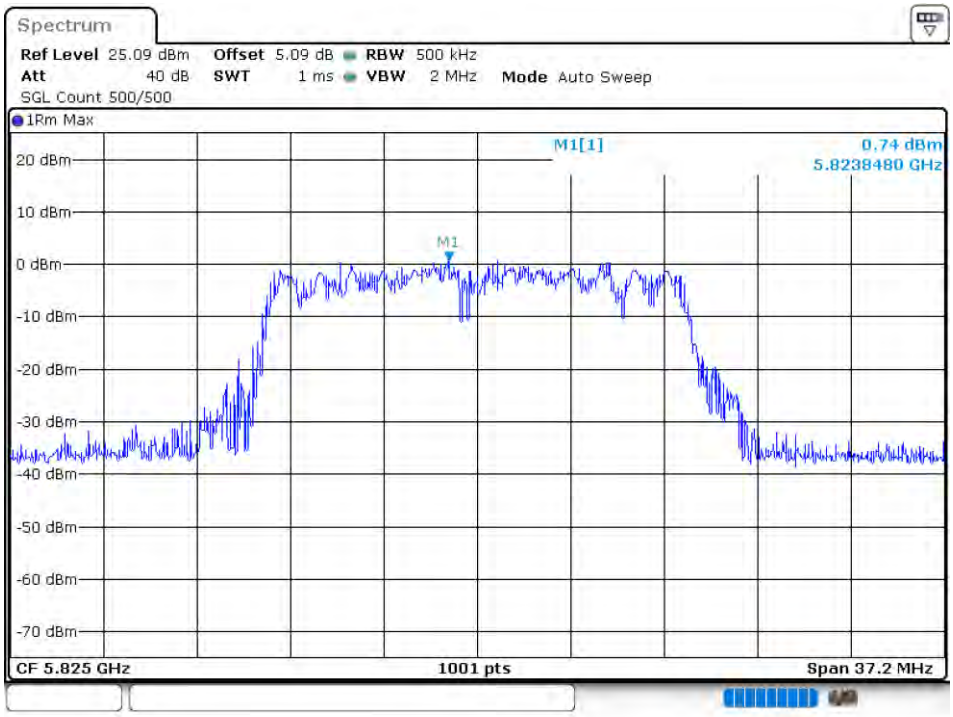
PSD NVNT 802.11ac20 5785MHz Ant2



PSD NVNT 802.11ac20 5825MHz Ant1

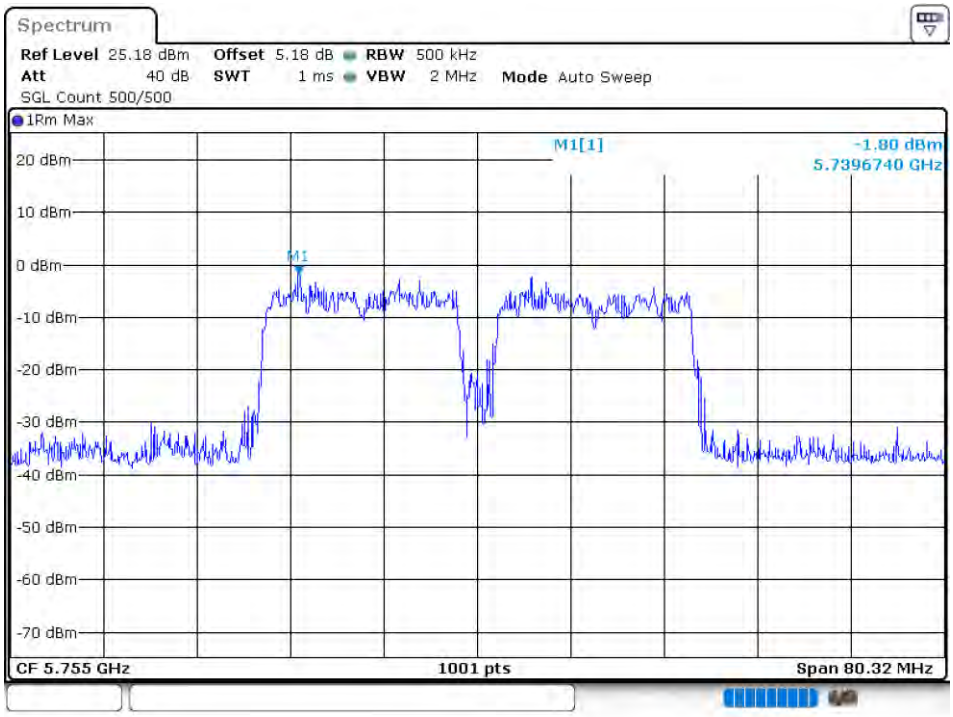


PSD NVNT 802.11ac20 5825MHz Ant2

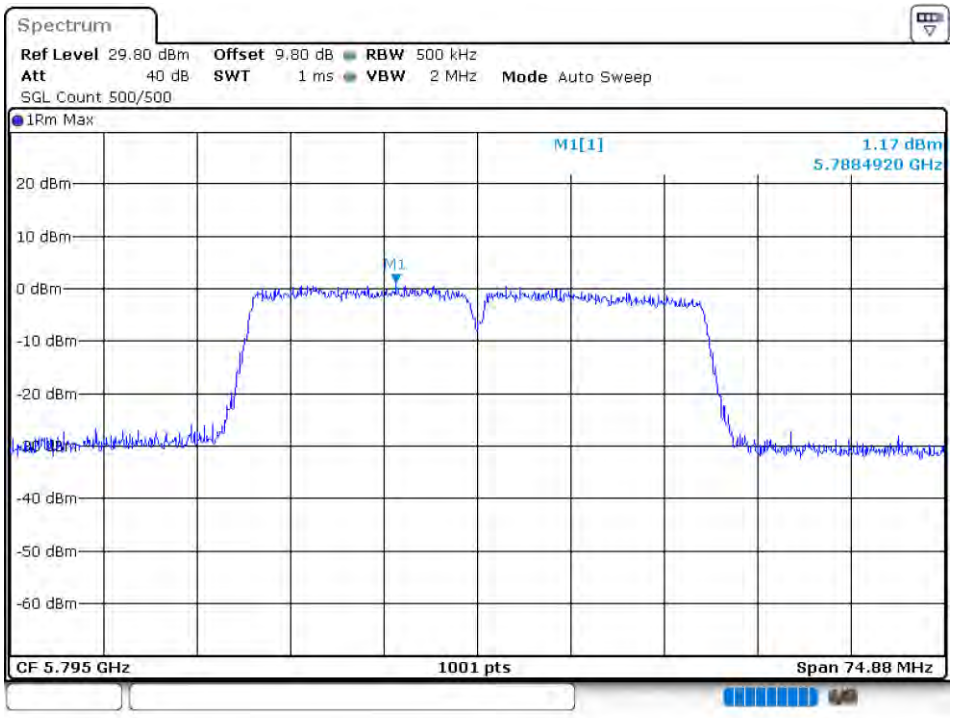


PSD NVNT 802.11ac40 5755MHz Ant1

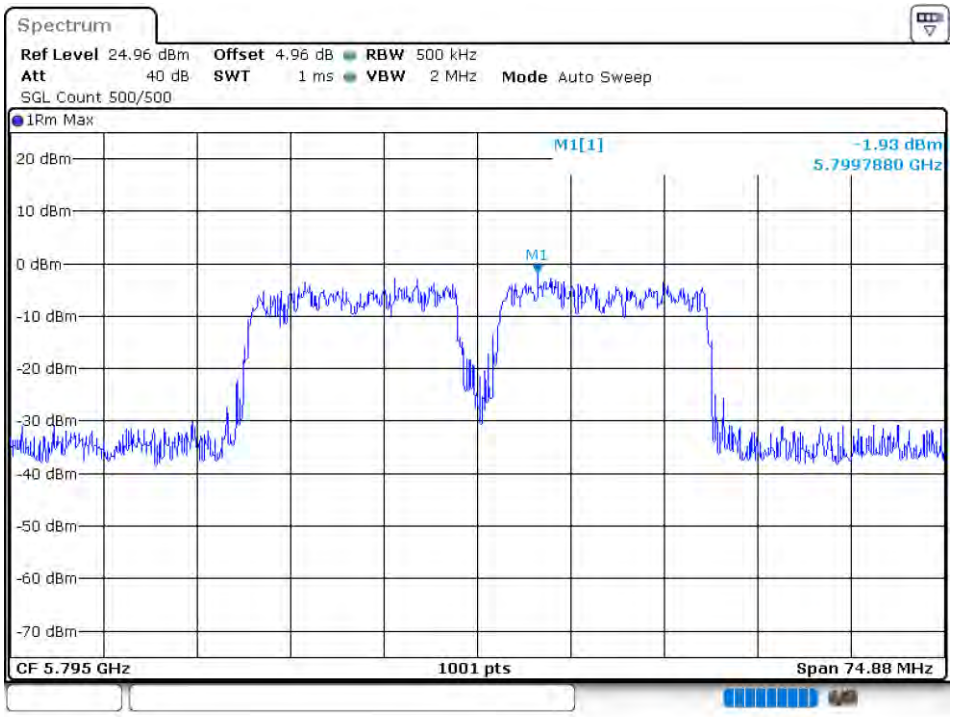
PSD NVNT 802.11ac40 5755MHz Ant2



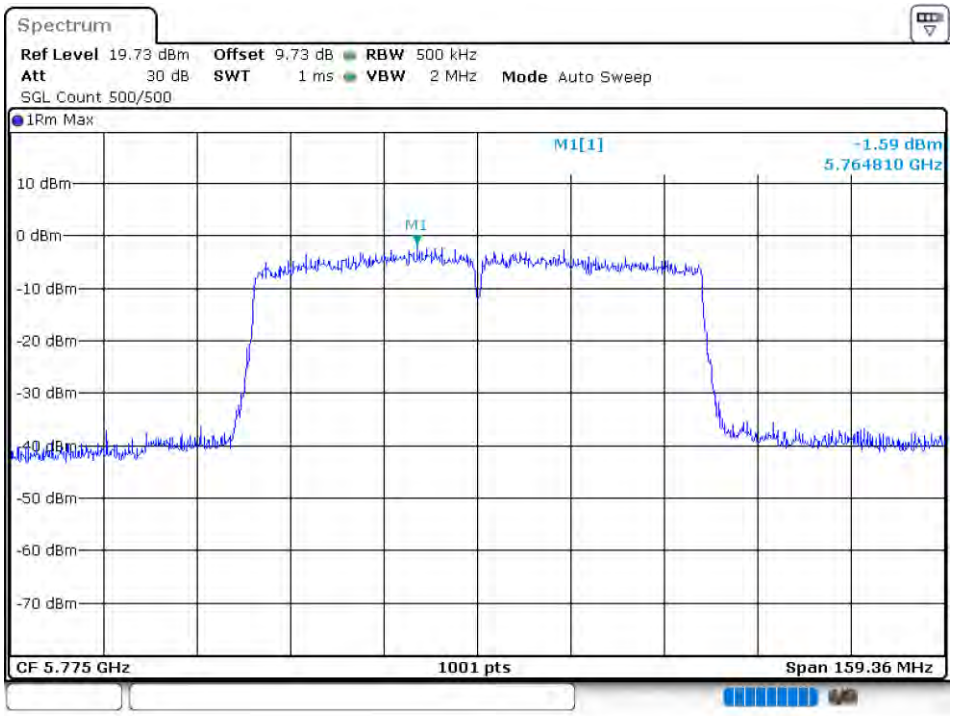
PSD NVNT 802.11ac40 5795MHz Ant1



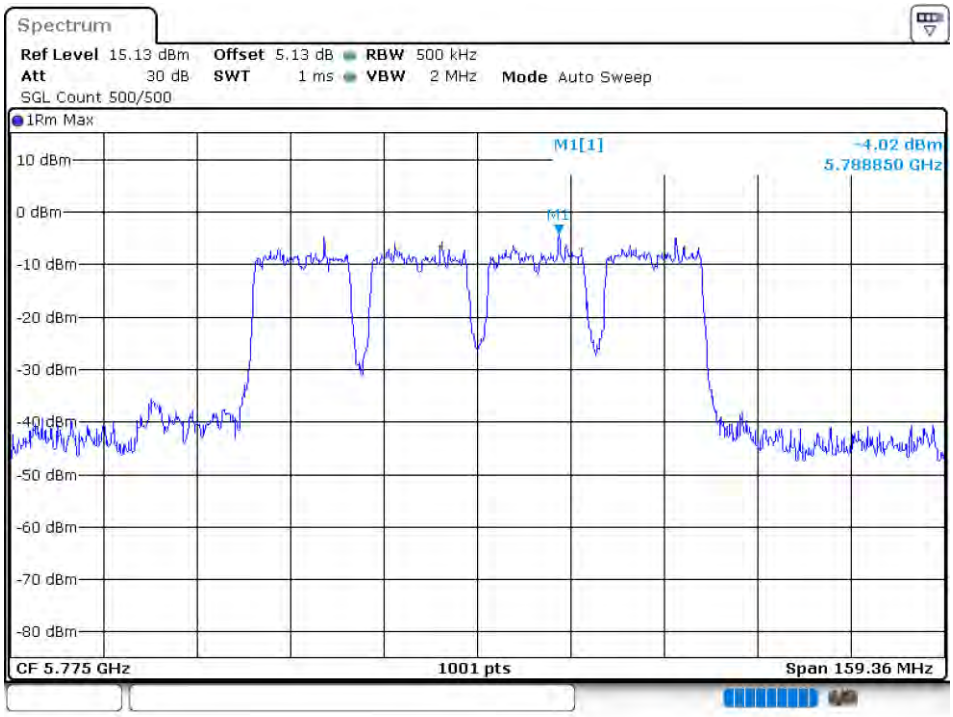
PSD NVNT 802.11ac40 5795MHz Ant2



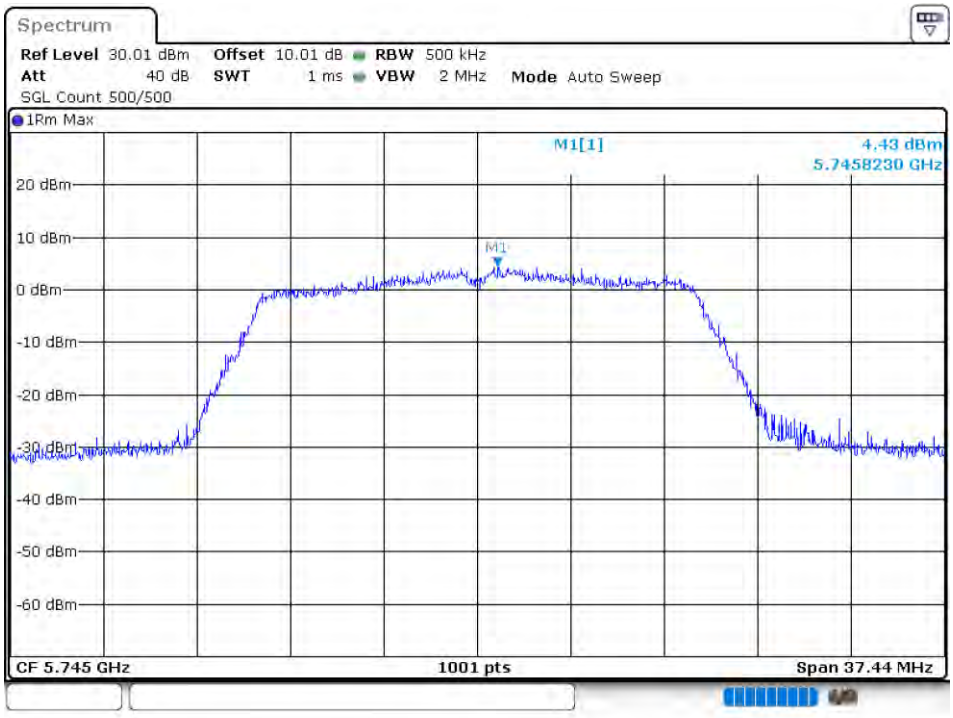
PSD NVNT 802.11ac80 5775MHz Ant1



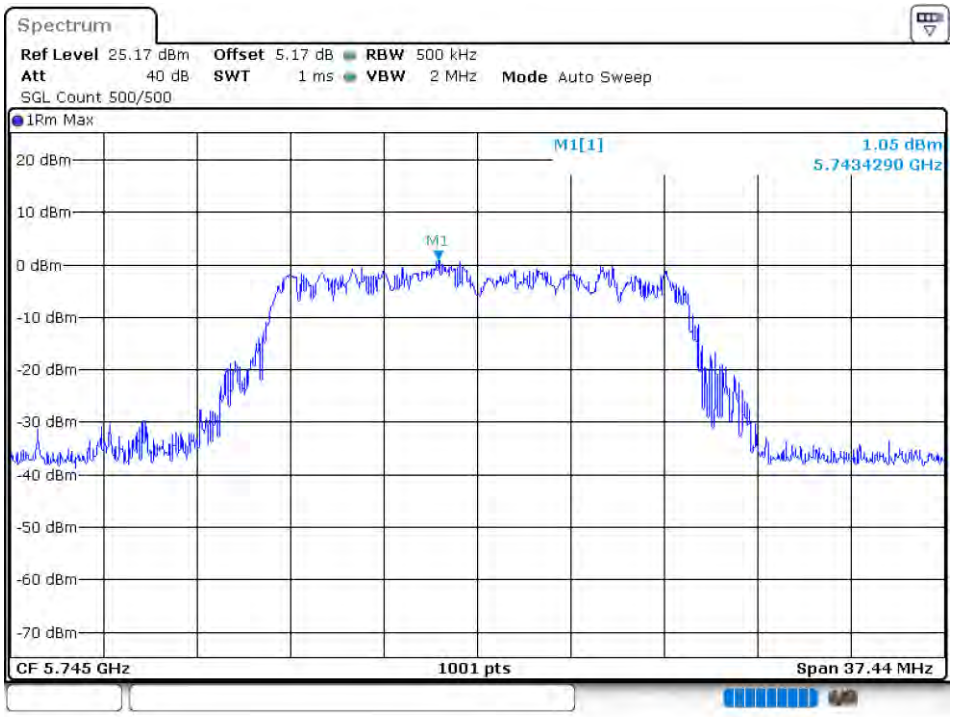
PSD NVNT 802.11ac80 5775MHz Ant2



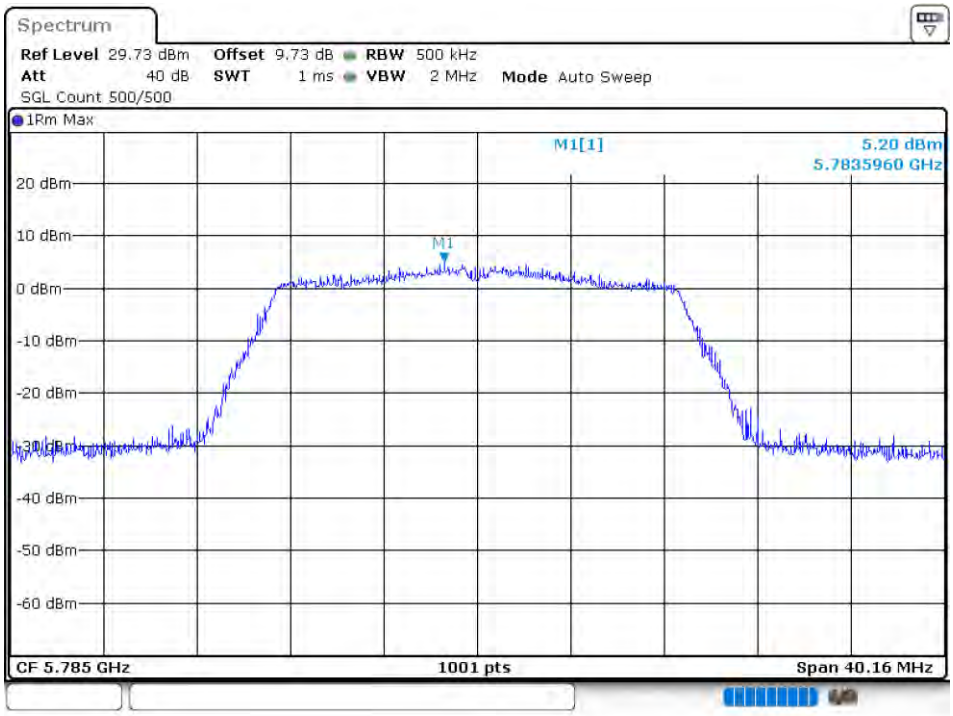
PSD NVNT 802.11n(HT20) 5745MHz Ant1



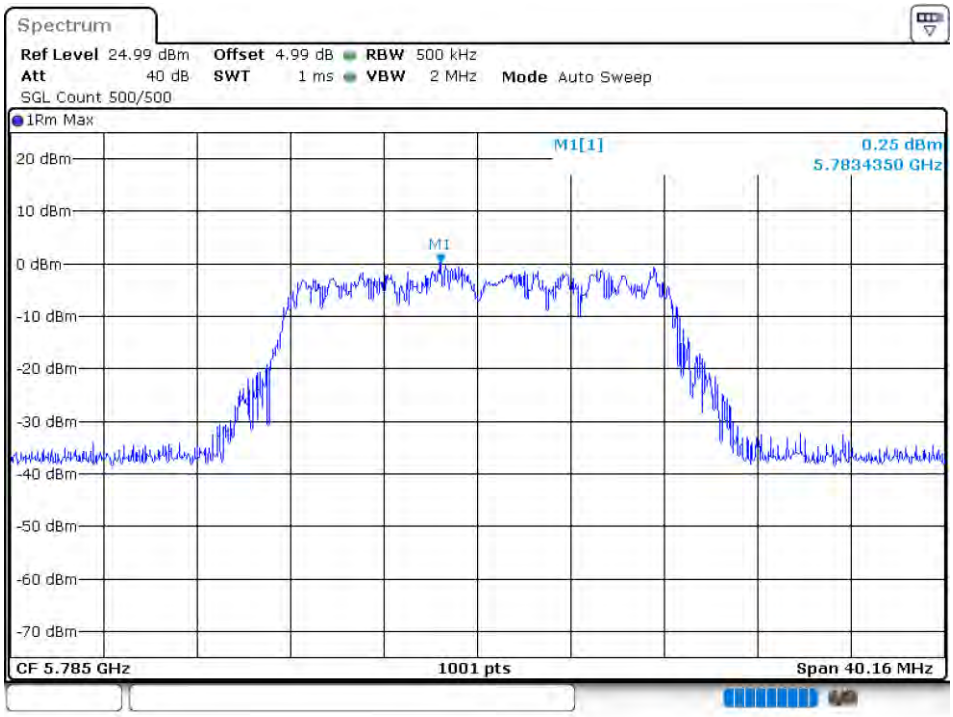
PSD NVNT 802.11n(HT20) 5745MHz Ant2



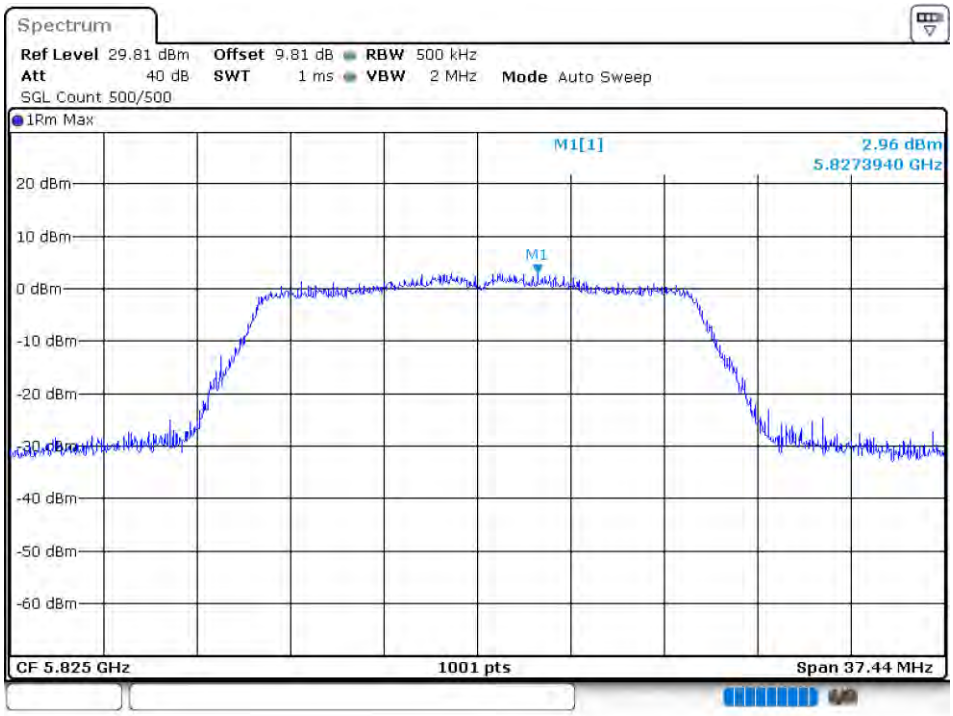
PSD NVNT 802.11n(HT20) 5785MHz Ant1



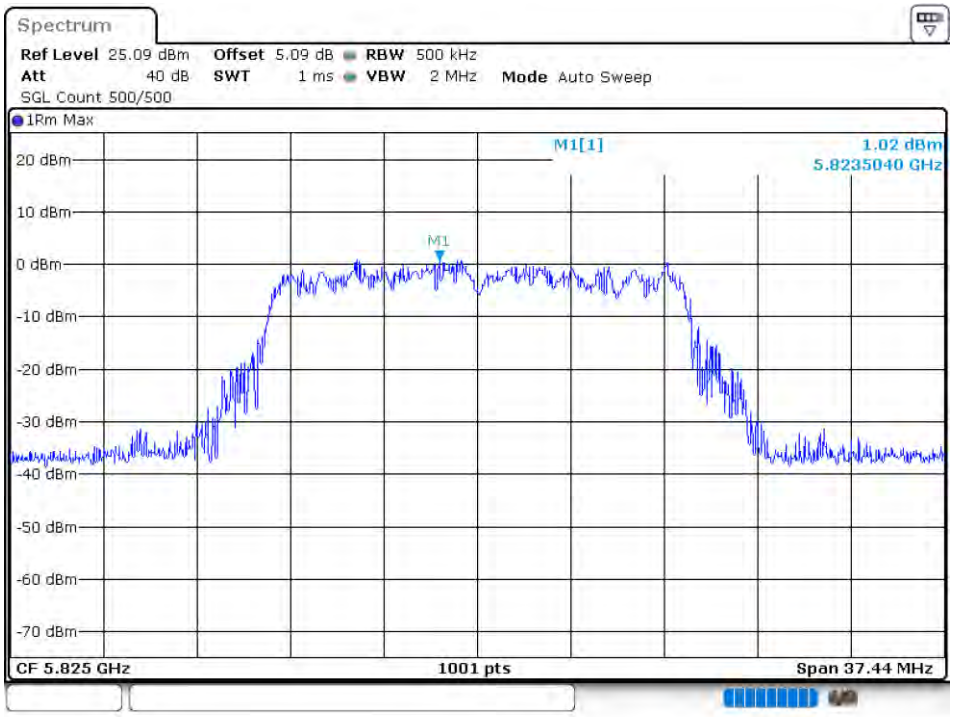
PSD NVNT 802.11n(HT20) 5785MHz Ant2



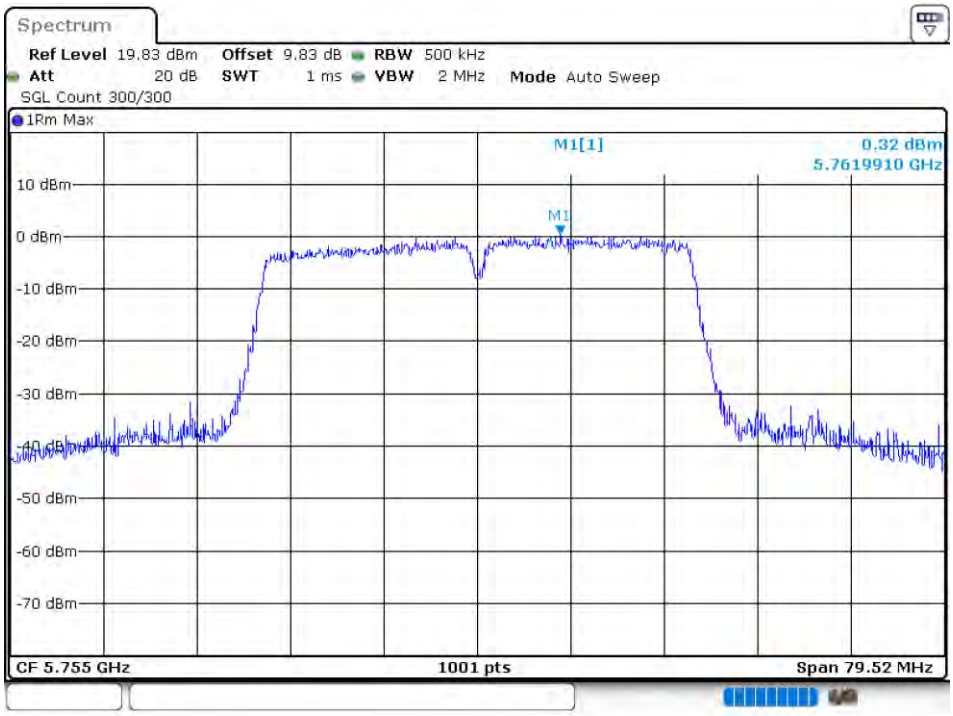
PSD NVNT 802.11n(HT20) 5825MHz Ant1



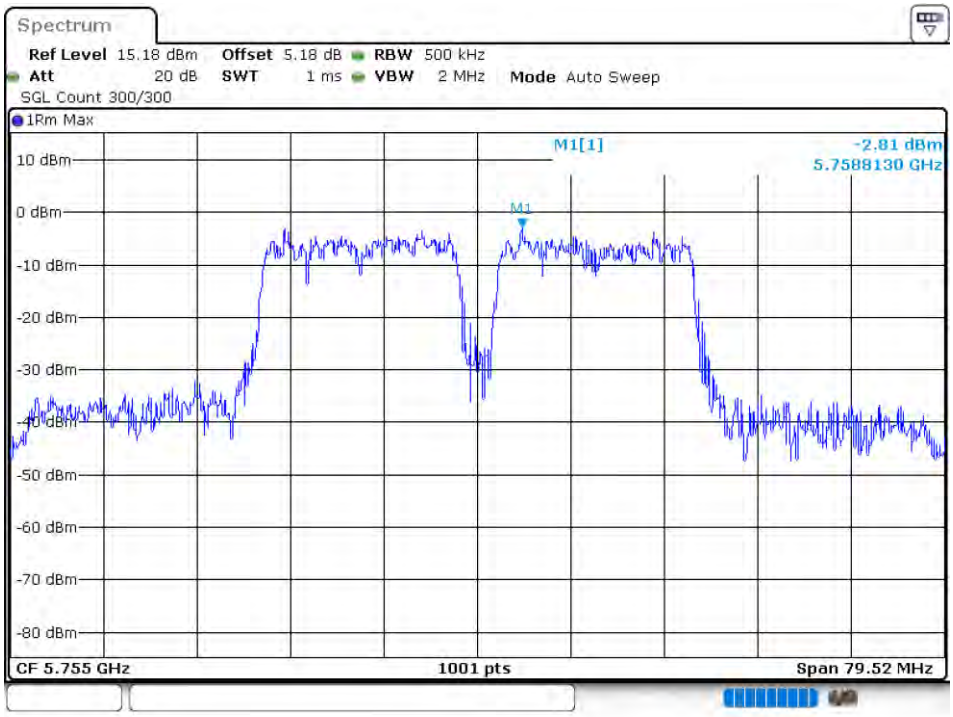
PSD NVNT 802.11n(HT20) 5825MHz Ant2



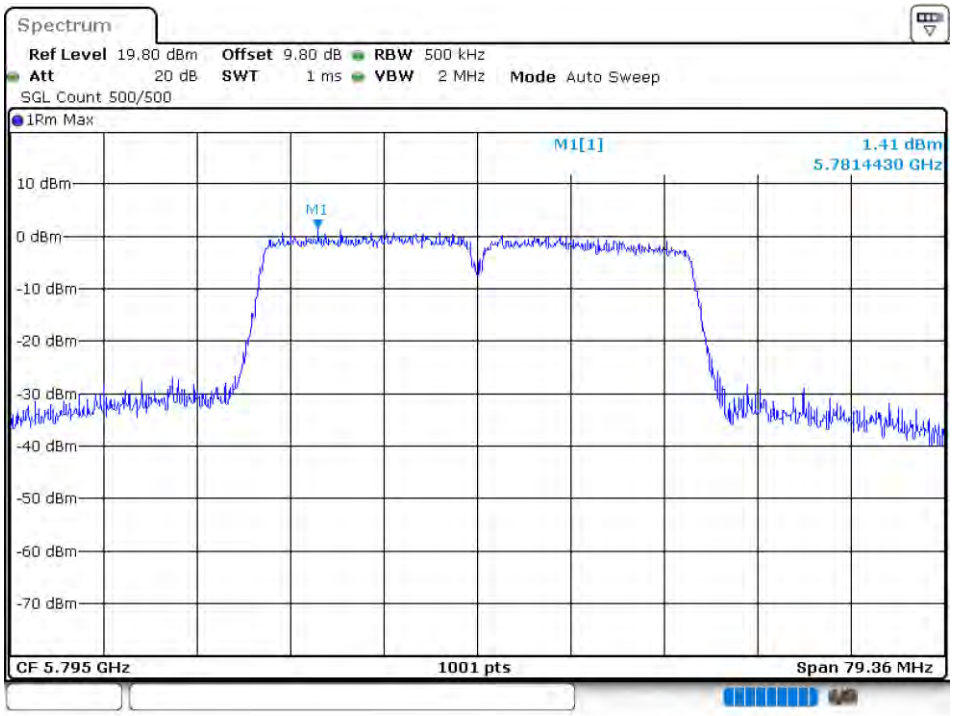
PSD NVNT 802.11n(HT40) 5755MHz Ant1



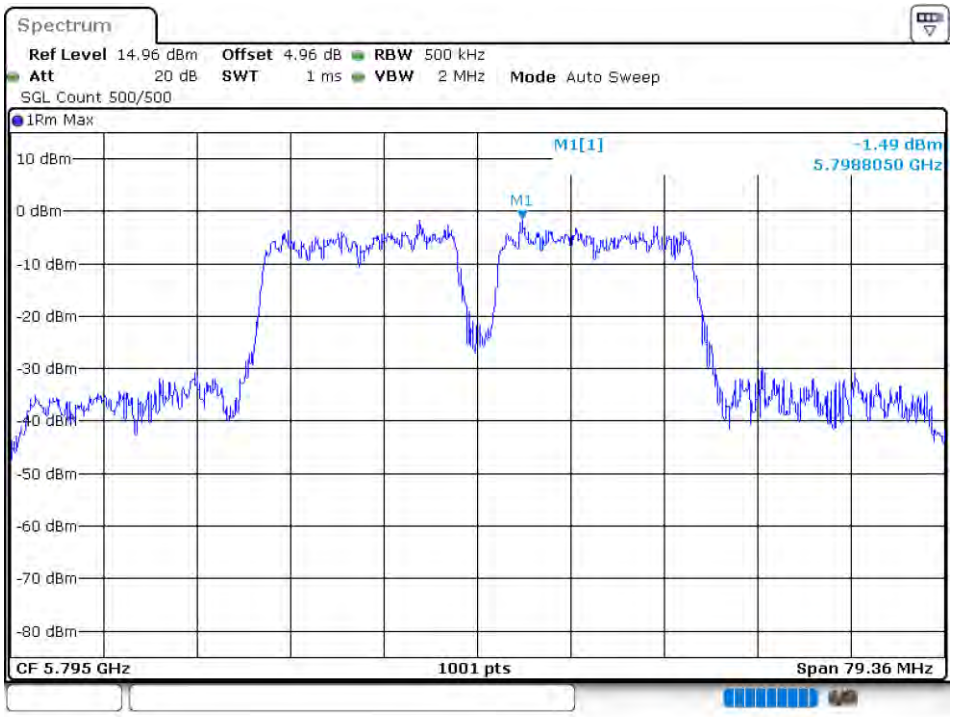
PSD NVNT 802.11n(HT40) 5755MHz Ant2



PSD NVNT 802.11n(HT40) 5795MHz Ant1



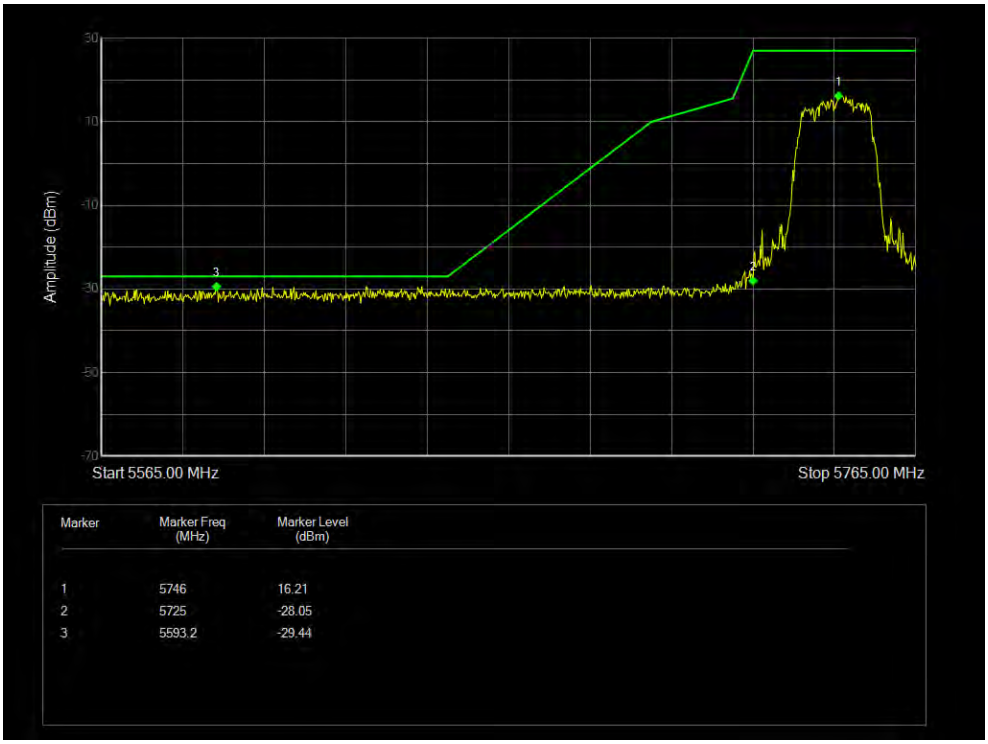
PSD NVNT 802.11n(HT40) 5795MHz Ant2



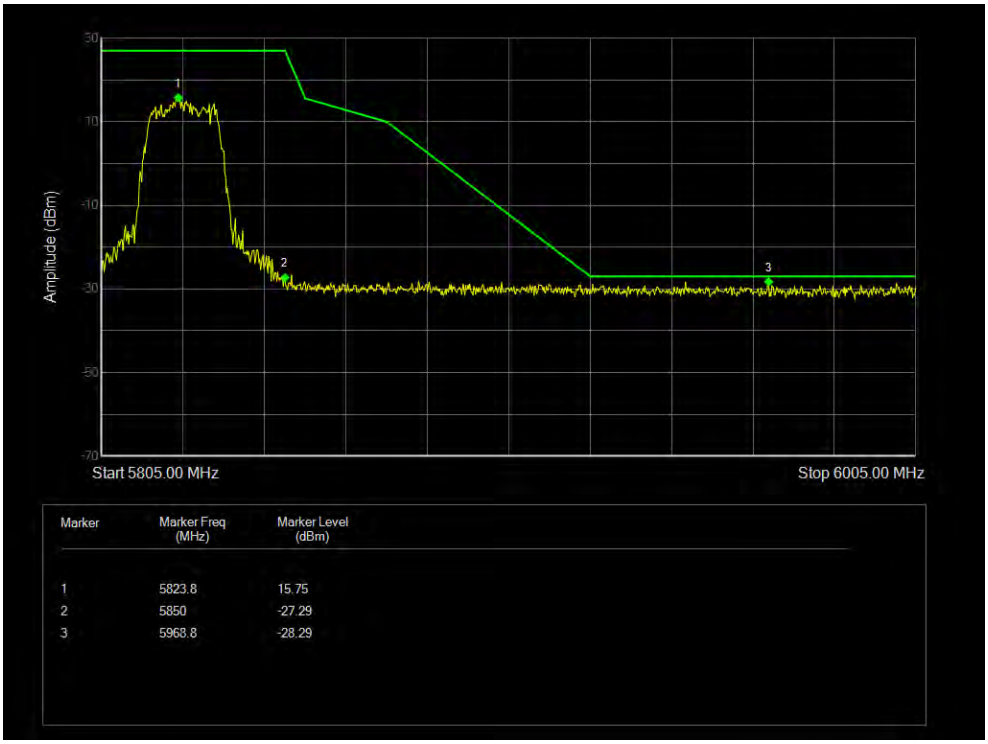
Band Edge

Condition	Mode	Frequency (MHz)	Antenna	Max Value (dBm)	Verdict
NVNT	802.11ac20	5745	Sum	-29.44	Pass
NVNT	802.11ac20	5825	Sum	-28.29	Pass
NVNT	802.11ac40	5755	Sum	-29.53	Pass
NVNT	802.11ac40	5795	Sum	-28	Pass
NVNT	802.11ac80	5775	Sum	-31.07	Pass
NVNT	802.11ac80	5775	Sum	-29.44	Pass
NVNT	802.11n(HT20)	5745	Sum	-29.63	Pass
NVNT	802.11n(HT20)	5825	Sum	-28.52	Pass
NVNT	802.11n(HT40)	5755	Sum	-29.37	Pass
NVNT	802.11n(HT40)	5795	Sum	-28.52	Pass

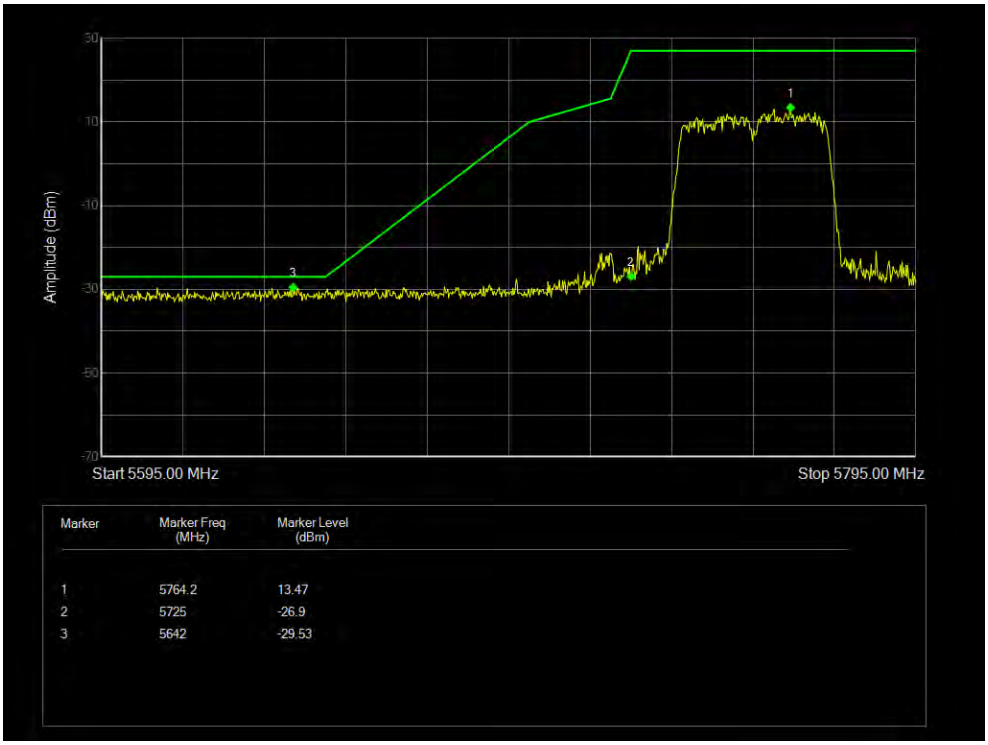
Band Edge NVNT 802.11ac20 5745MHz Low Sum



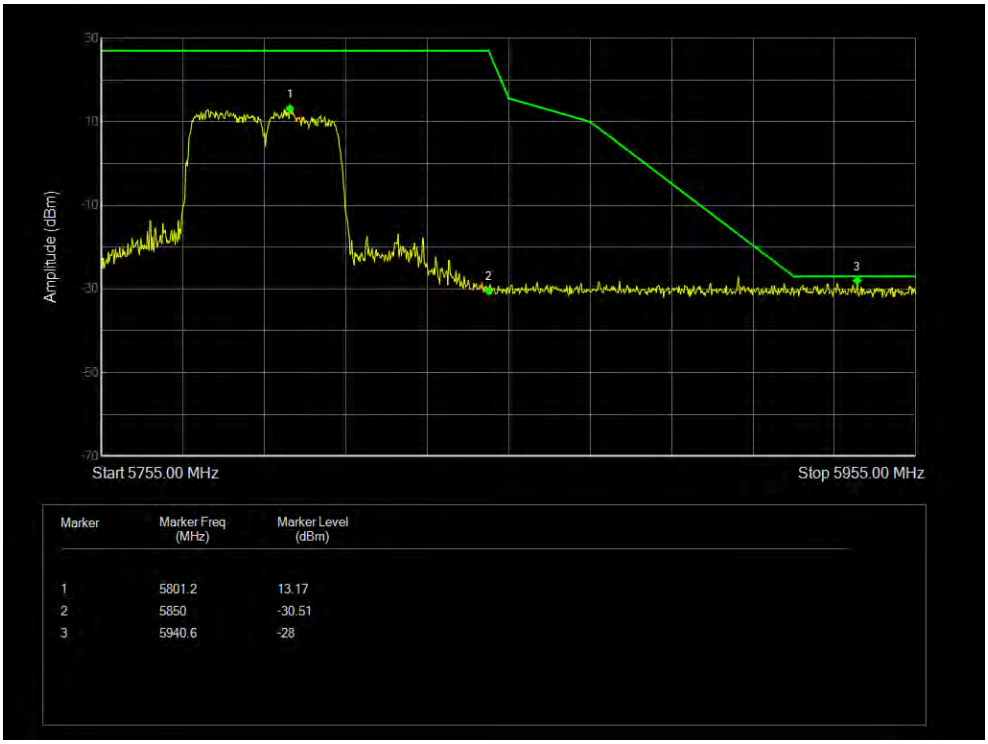
Band Edge NVNT 802.11ac20 5825MHz High Sum



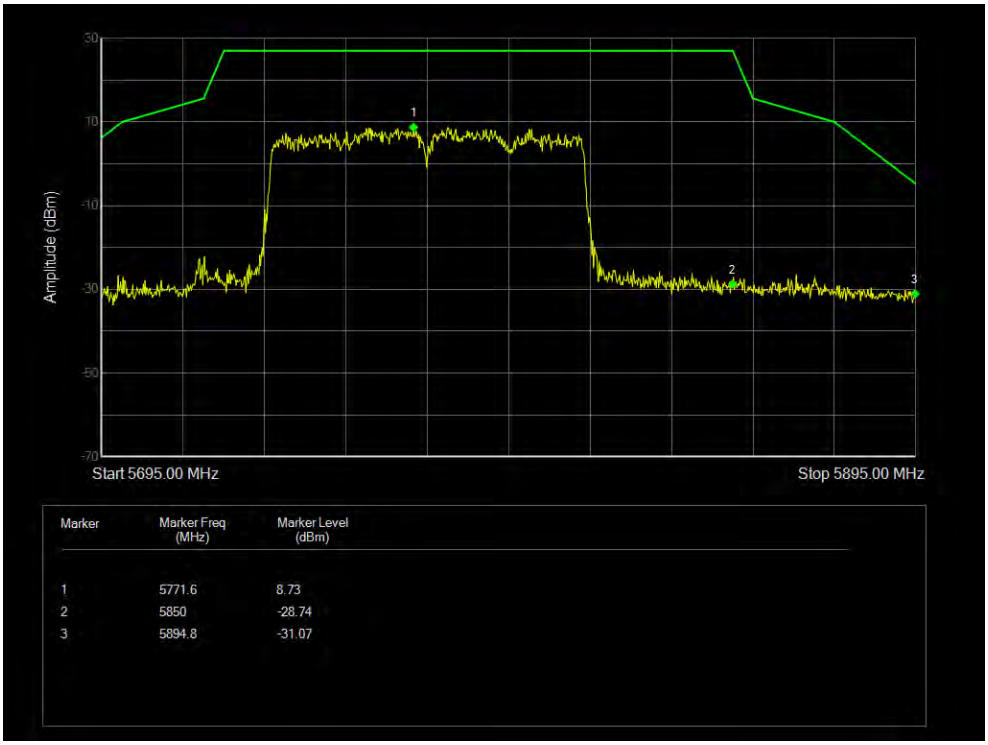
Band Edge NVNT 802.11ac40 5755MHz Low Sum



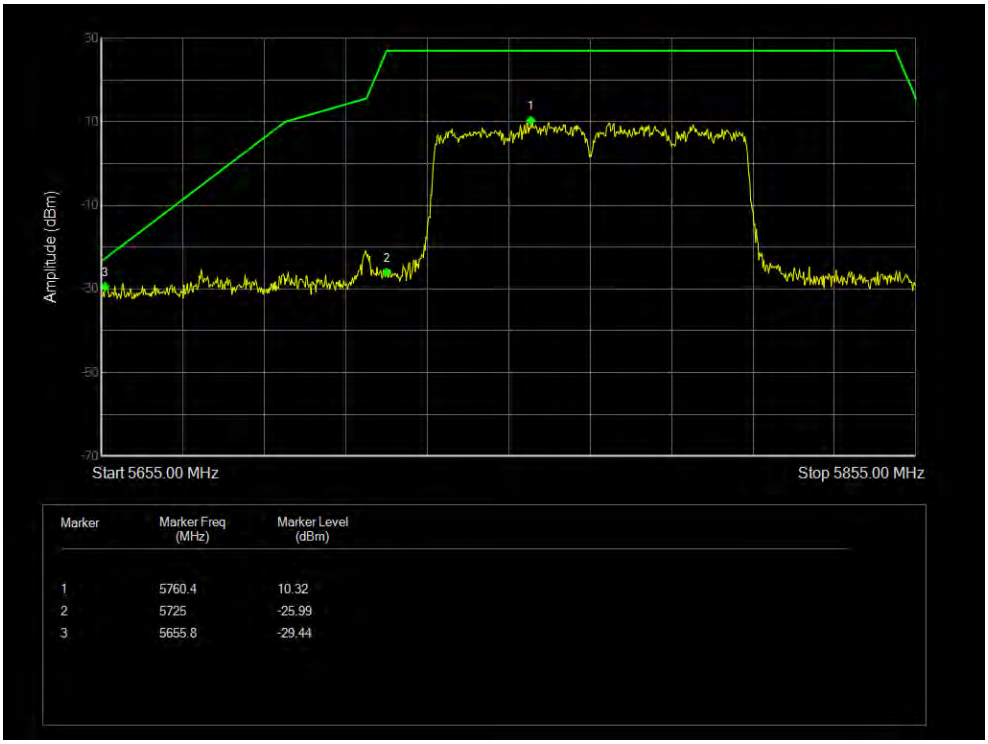
Band Edge NVNT 802.11ac40 5795MHz High Sum



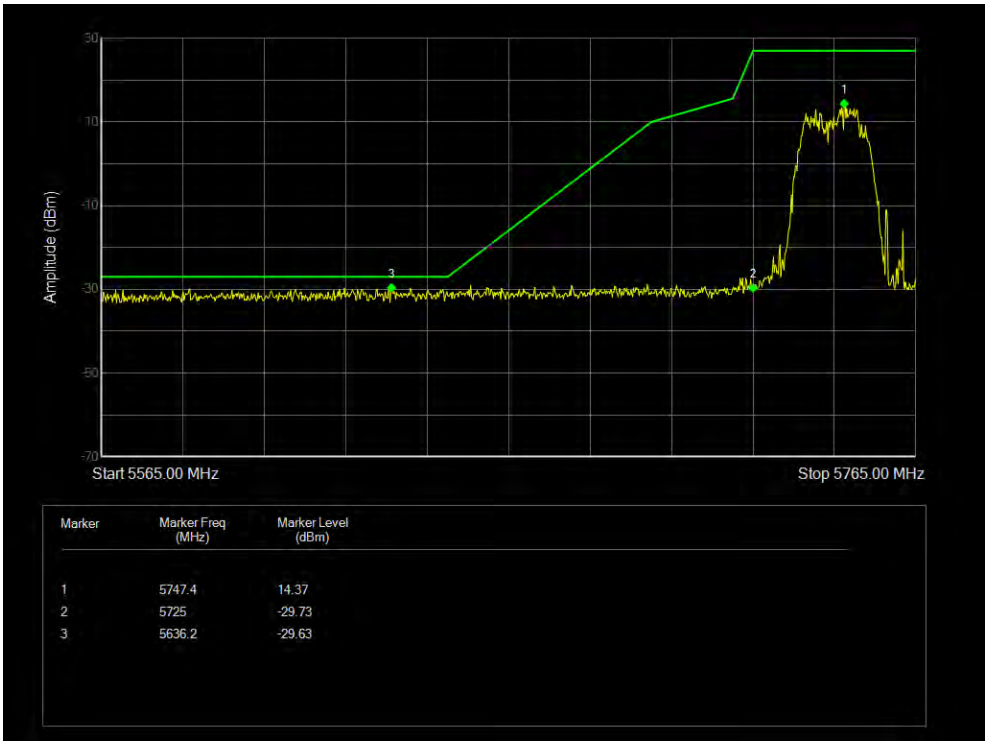
Band Edge NVNT 802.11ac80 5775MHz High Sum



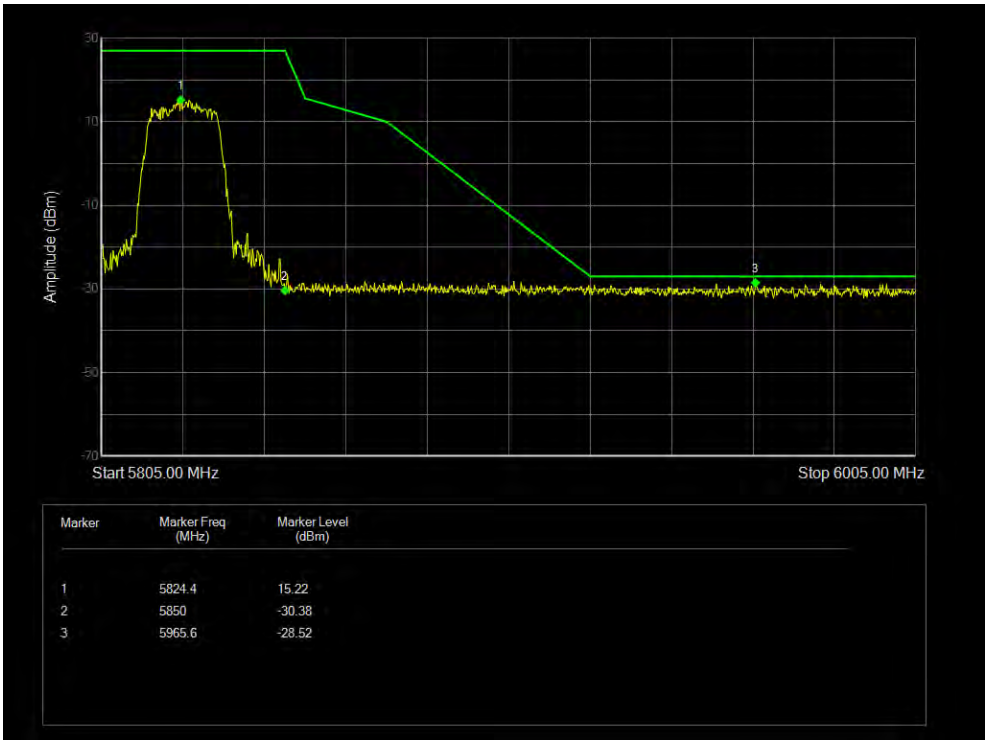
Band Edge NVNT 802.11ac80 5775MHz Low Sum



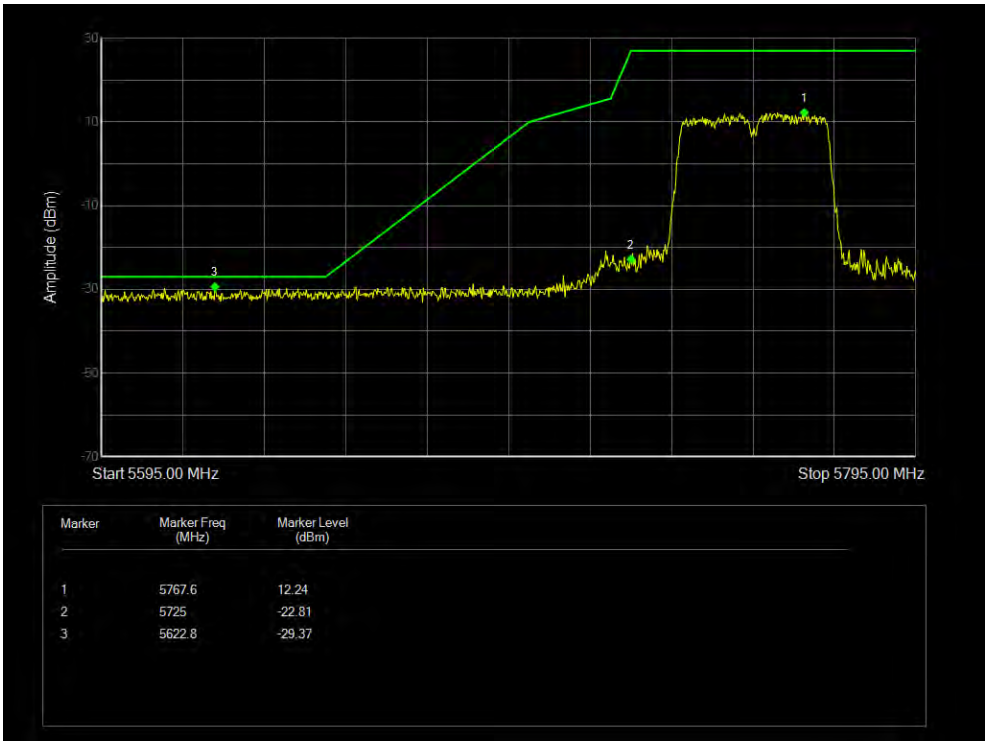
Band Edge NVNT 802.11n(HT20) 5745MHz Low Sum



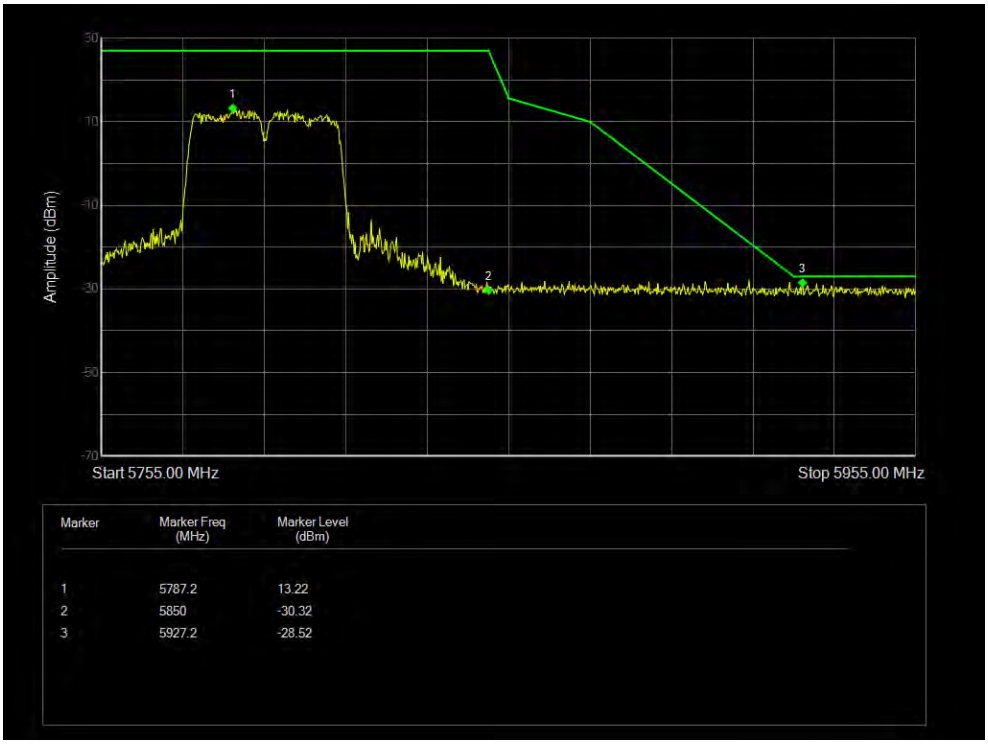
Band Edge NVNT 802.11n(HT20) 5825MHz High Sum



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



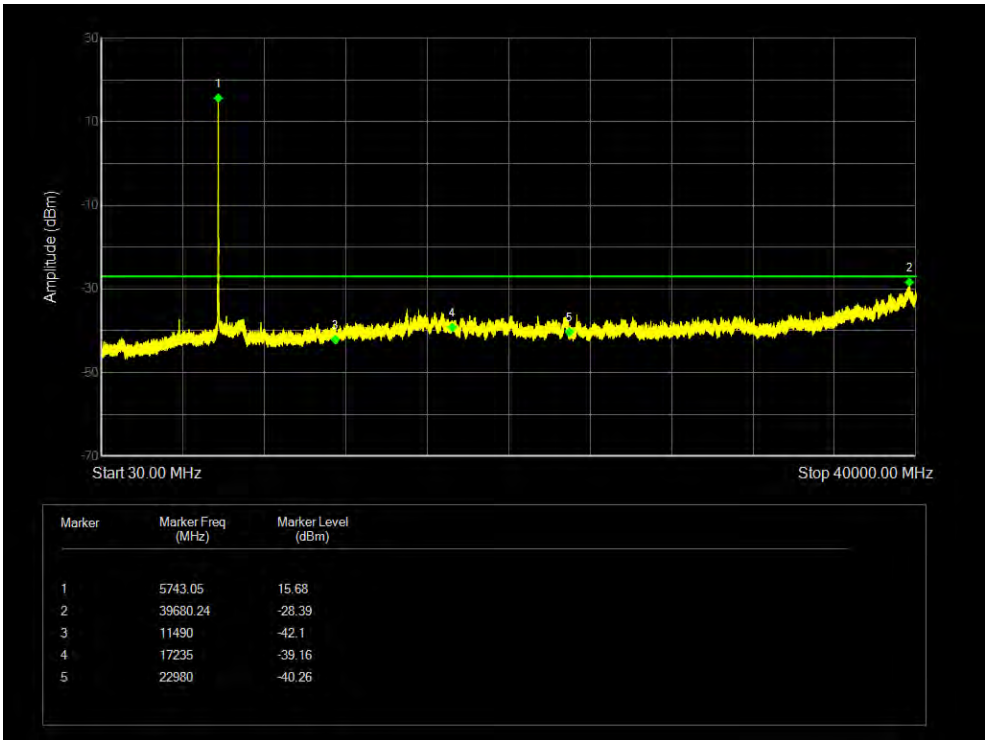
Band Edge NVNT 802.11n(HT40) 5795MHz High Sum



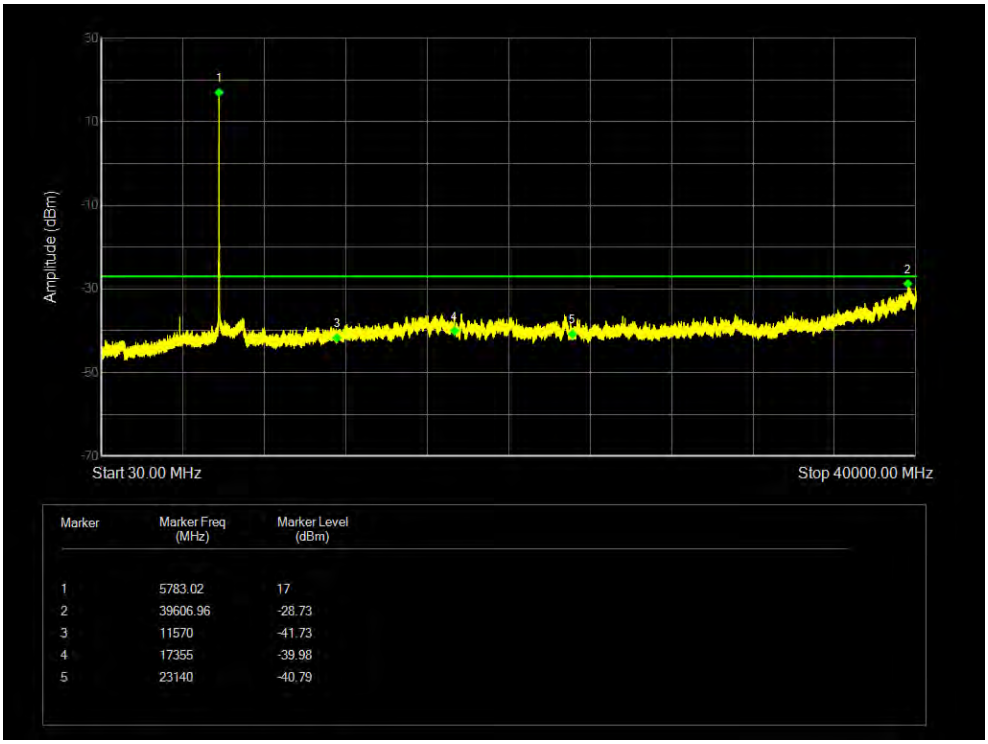
Conducted RF Spurious Emission

Condition	Mode	Frequency (MHz)	Antenna	Max Value (dBc)	Limit (dBc)	Verdict
NVNT	802.11ac20	5745	Sum	-28.39	-27	Pass
NVNT	802.11ac20	5785	Sum	-28.73	-27	Pass
NVNT	802.11ac20	5825	Sum	-29.44	-27	Pass
NVNT	802.11ac40	5755	Sum	-29.46	-27	Pass
NVNT	802.11ac40	5795	Sum	-29.15	-27	Pass
NVNT	802.11ac80	5775	Sum	-29.36	-27	Pass
NVNT	802.11n(HT20)	5745	Sum	-29.19	-27	Pass
NVNT	802.11n(HT20)	5785	Sum	-29.92	-27	Pass
NVNT	802.11n(HT20)	5825	Sum	-29.54	-27	Pass
NVNT	802.11n(HT40)	5755	Sum	-29.3	-27	Pass
NVNT	802.11n(HT40)	5795	Sum	-29.35	-27	Pass

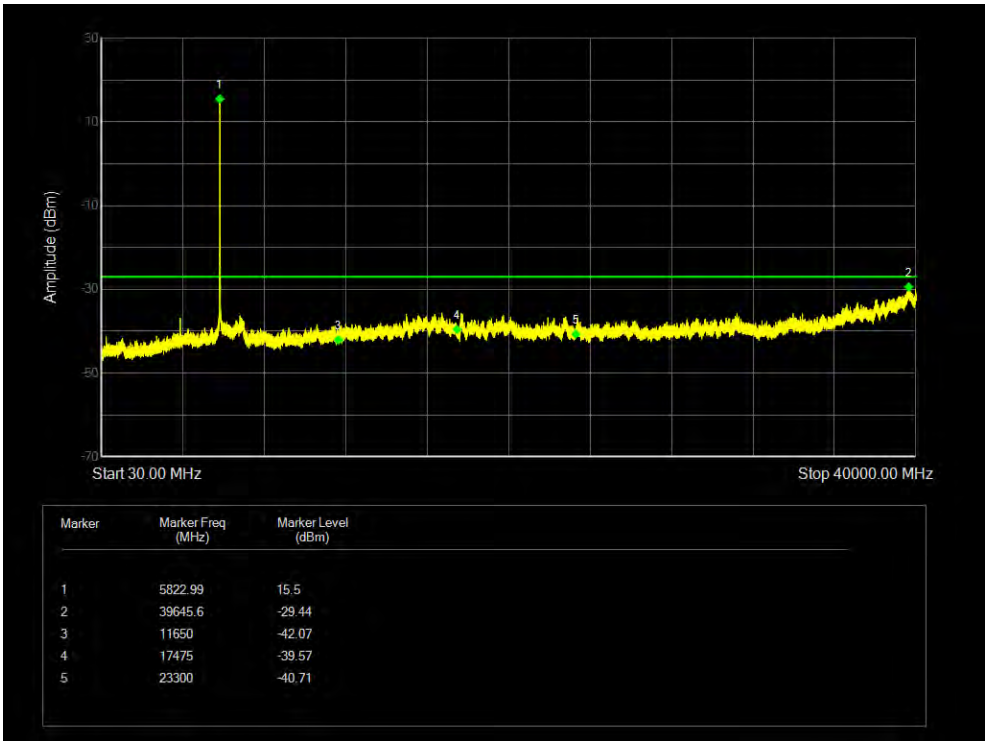
Tx. Spurious NVNT 802.11ac20 5745MHz Sum Emission



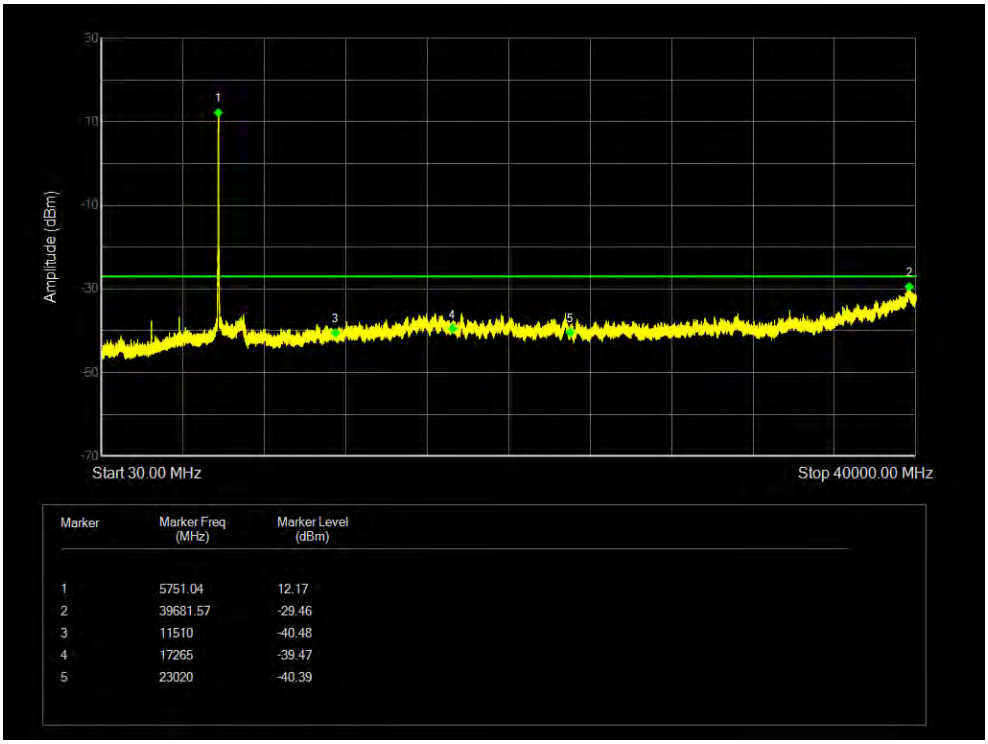
Tx. Spurious NVNT 802.11ac20 5785MHz Sum Emission



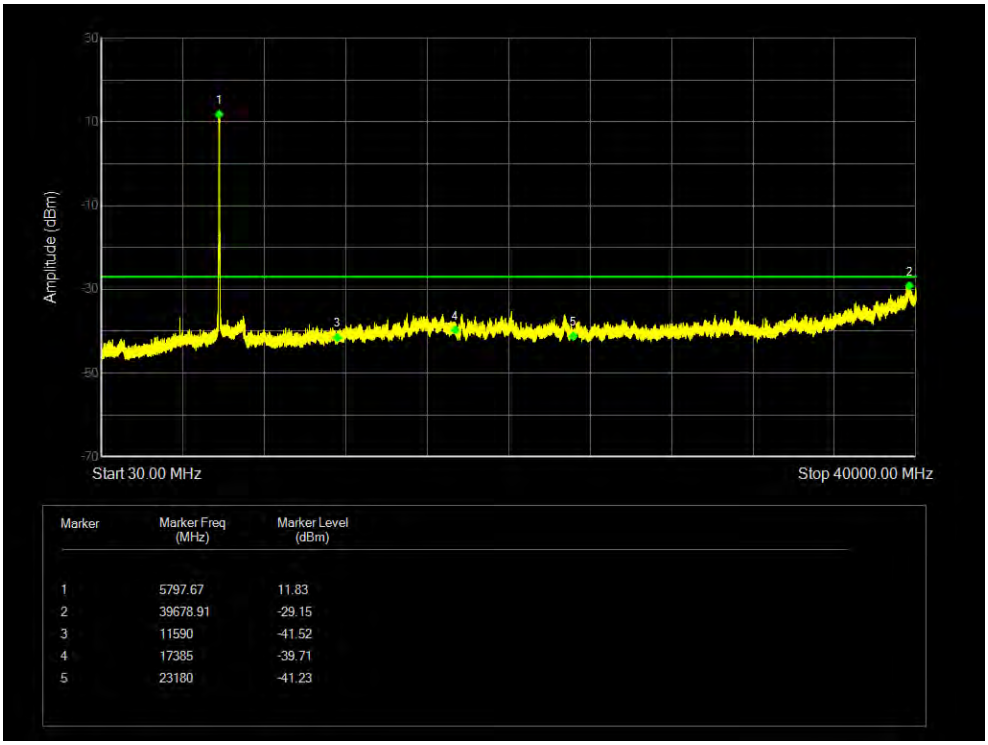
Tx. Spurious NVNT 802.11ac20 5825MHz Sum Emission



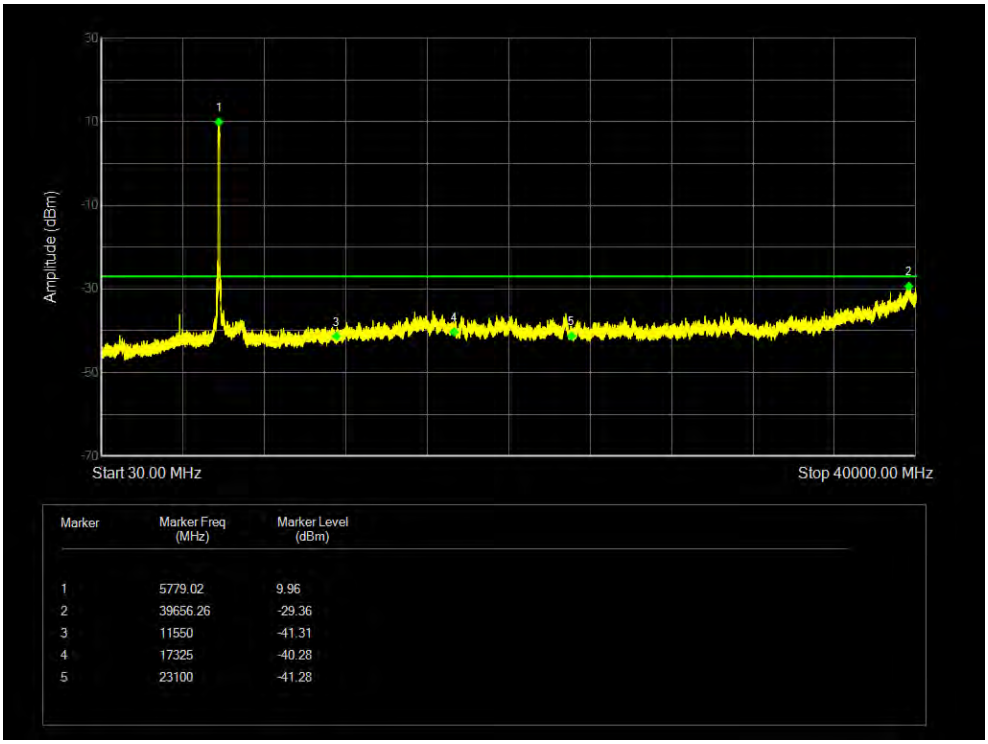
Tx. Spurious NVNT 802.11ac40 5755MHz Sum Emission



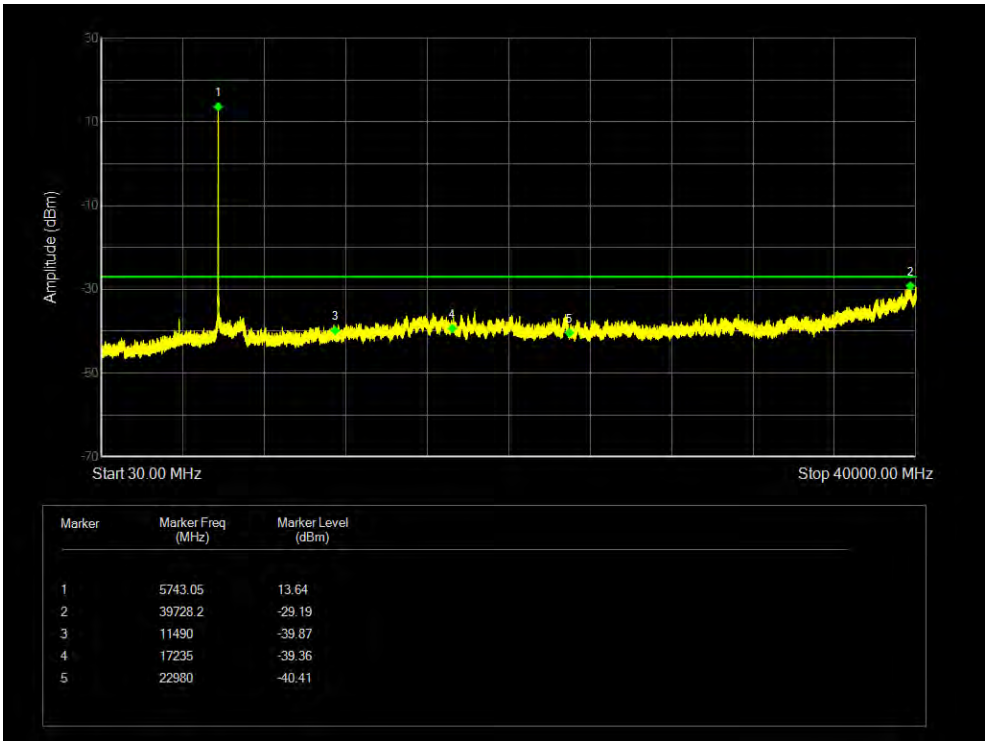
Tx. Spurious NVNT 802.11ac40 5795MHz Sum Emission



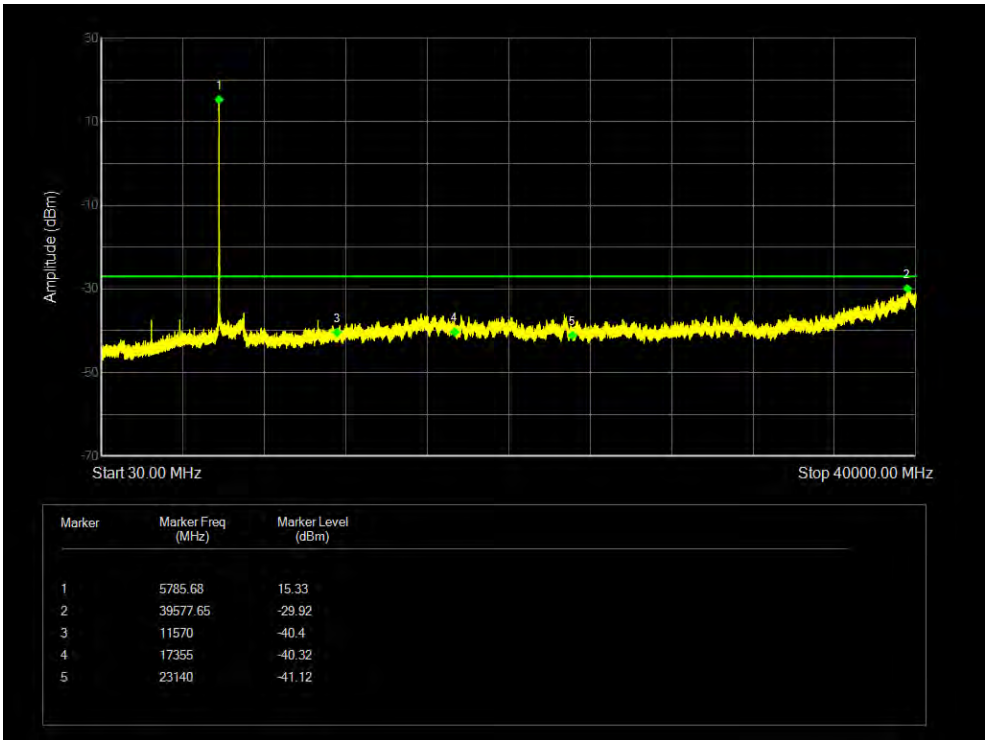
Tx. Spurious NVNT 802.11ac80 5775MHz Sum Emission



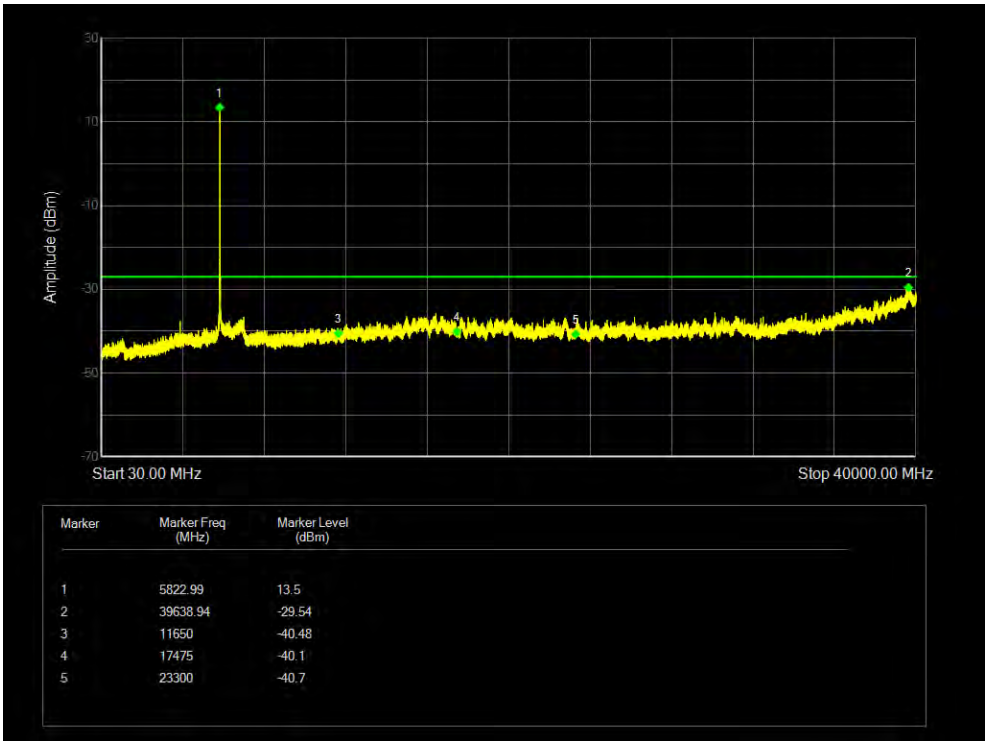
Tx. Spurious NVNT 802.11n(HT20) 5745MHz Sum Emission



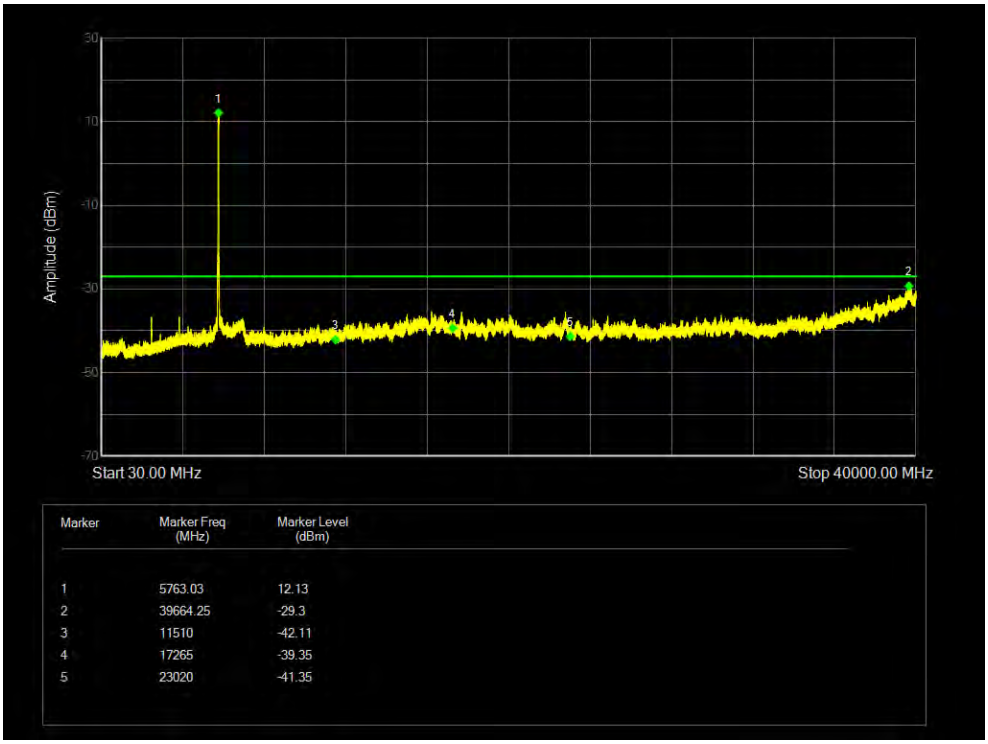
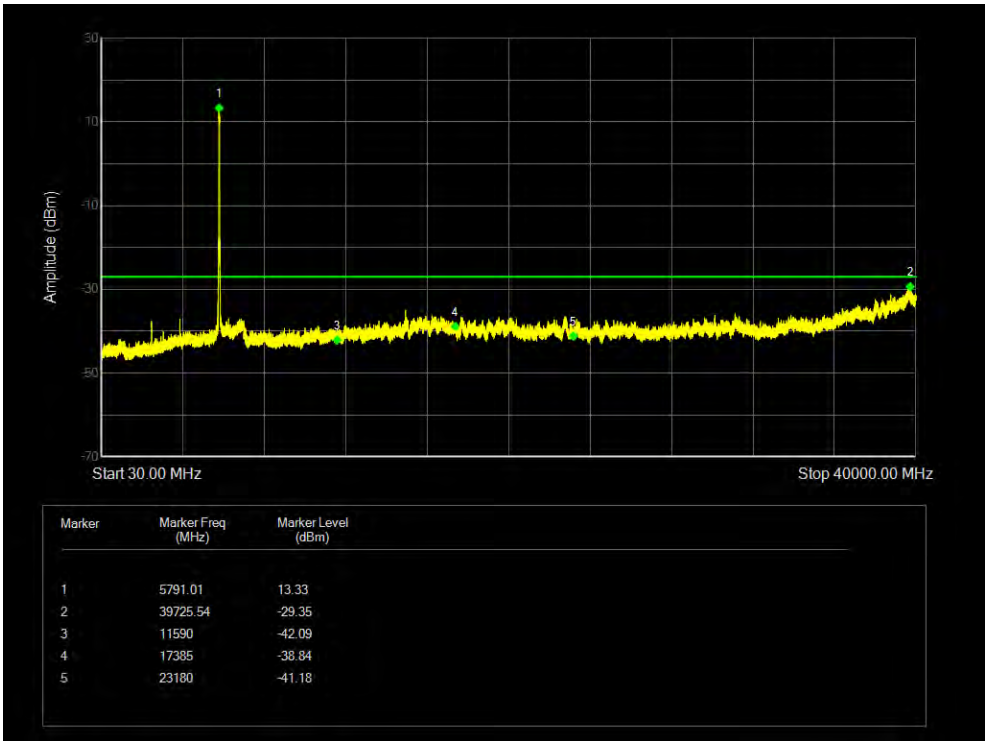
Tx. Spurious NVNT 802.11n(HT20) 5785MHz Sum Emission



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