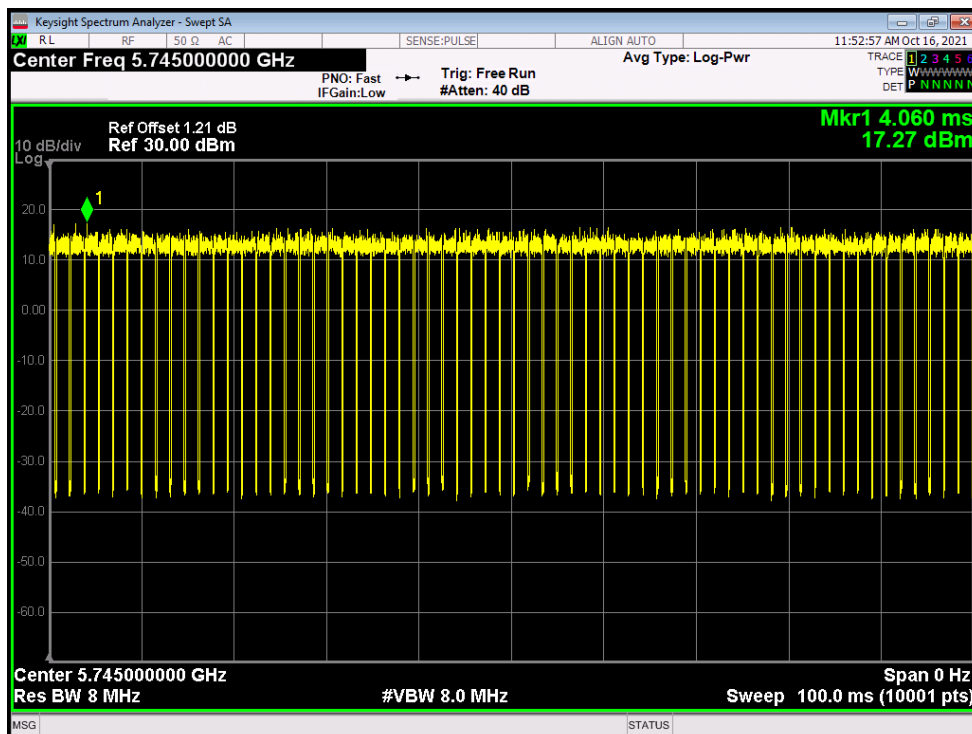


# 5.8G

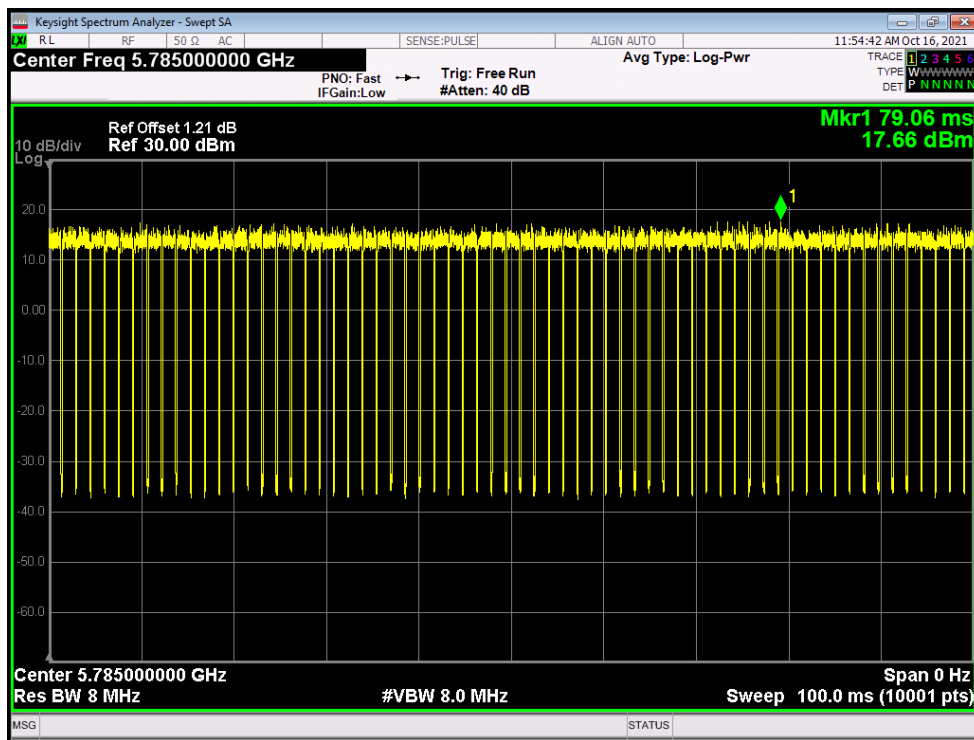
## Duty Cycle

Condition	Mode	Frequency (MHz)	Antenna	Duty Cycle (%)	Correction Factor (dB)
NVNT	a	5745	Ant1	90.72	0.42
NVNT	a	5785	Ant1	90.85	0.42
NVNT	a	5825	Ant1	90.7	0.42
NVNT	ac20	5745	Ant1	89.35	0.49
NVNT	ac20	5785	Ant1	89.26	0.49
NVNT	ac20	5825	Ant1	89.32	0.49
NVNT	ac40	5755	Ant1	80.97	0.92
NVNT	ac40	5795	Ant1	80.92	0.92
NVNT	ac80	5775	Ant1	61.17	2.13
NVNT	n20	5745	Ant1	89.24	0.49
NVNT	n20	5785	Ant1	89.2	0.5
NVNT	n20	5825	Ant1	89.2	0.5
NVNT	n40	5755	Ant1	80.84	0.92
NVNT	n40	5795	Ant1	80.7	0.93

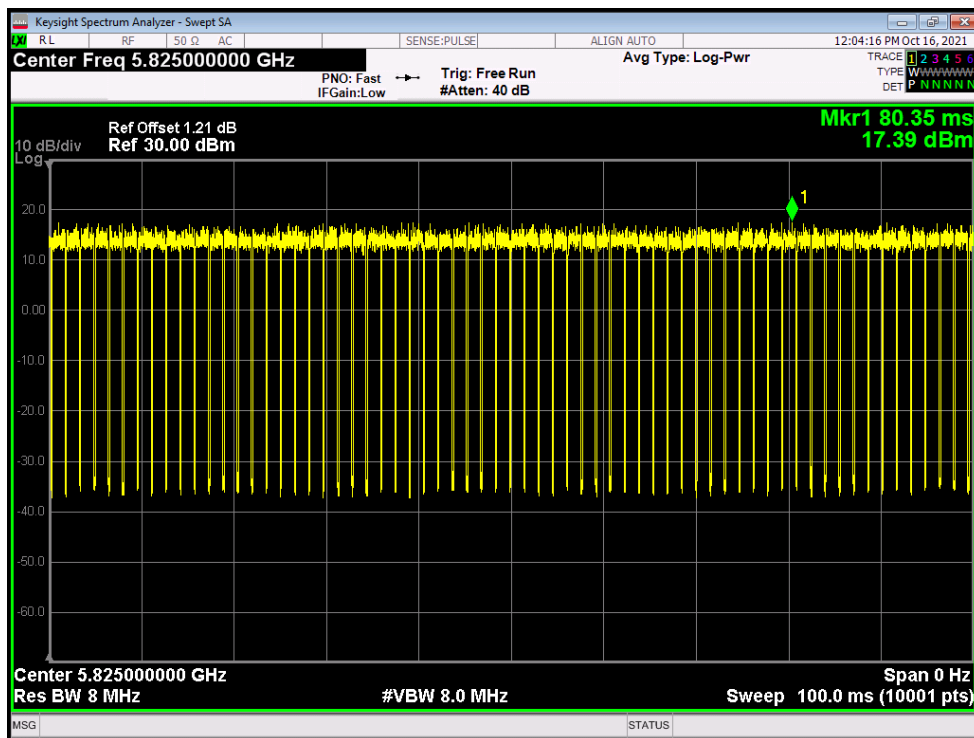
Duty Cycle NVNT a 5745MHz Ant1



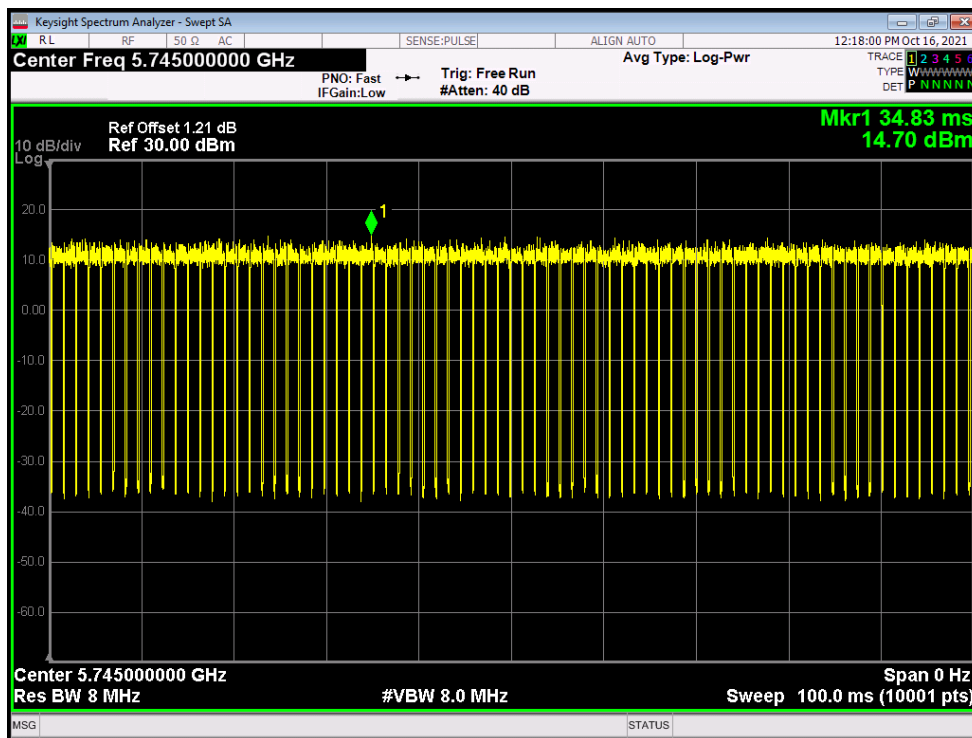
Duty Cycle NVNT a 5785MHz Ant1



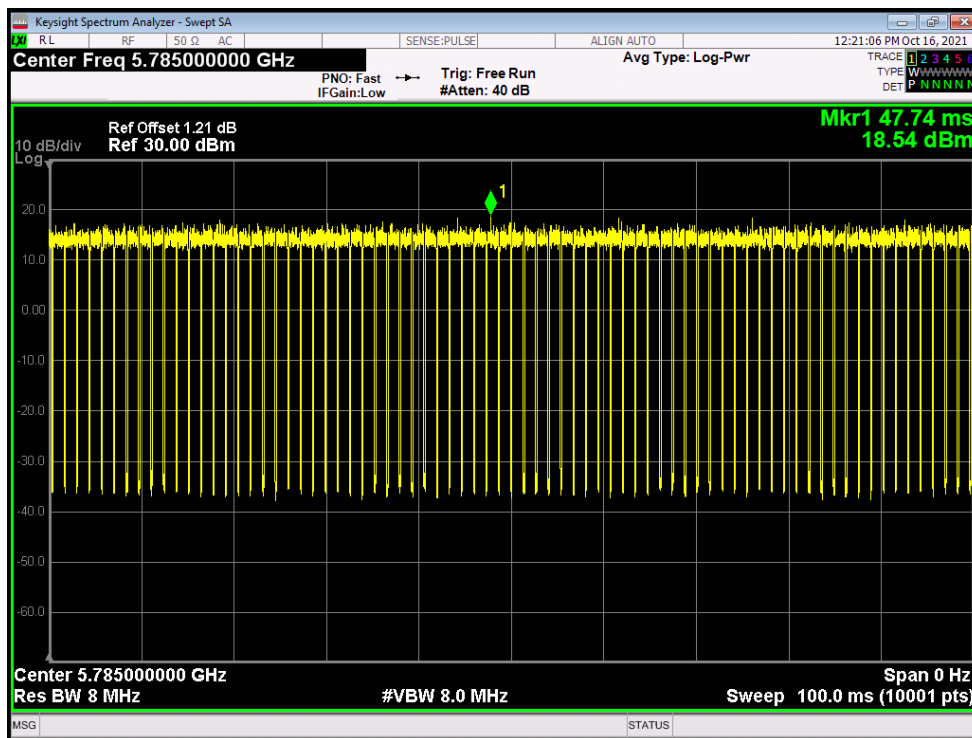
Duty Cycle NVNT a 5825MHz Ant1



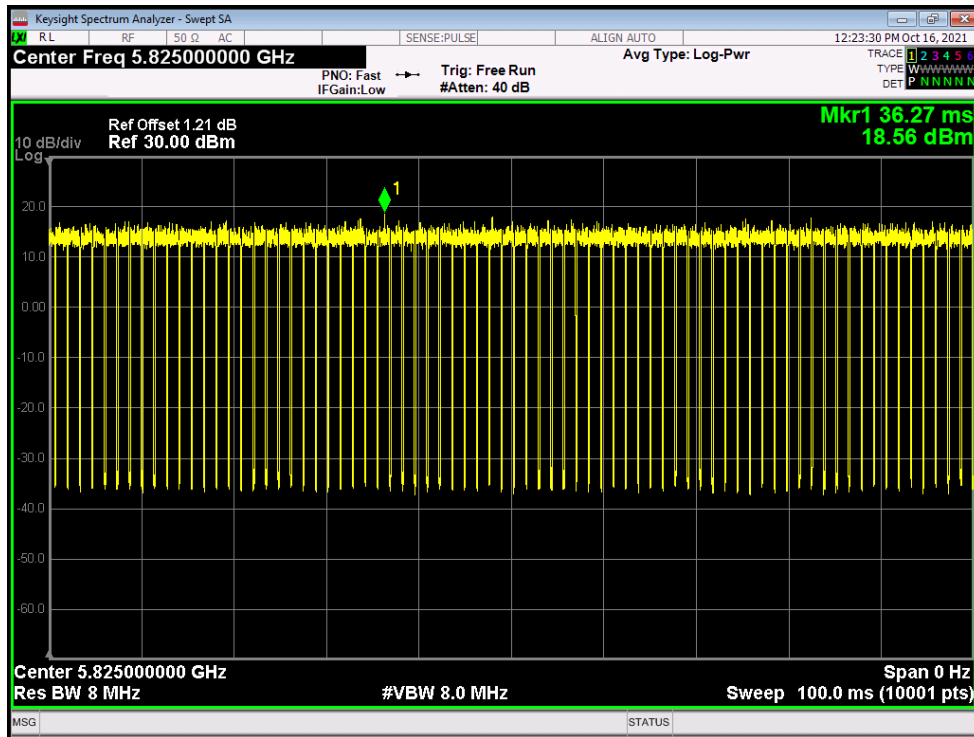
Duty Cycle NVNT ac20 5745MHz Ant1



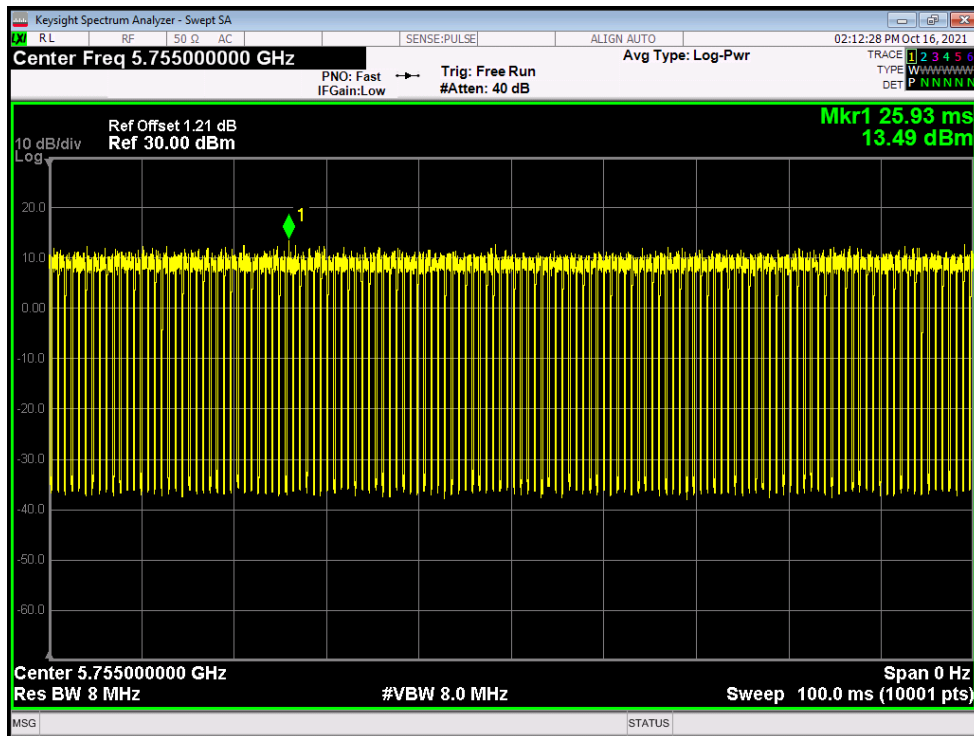
Duty Cycle NVNT ac20 5785MHz Ant1



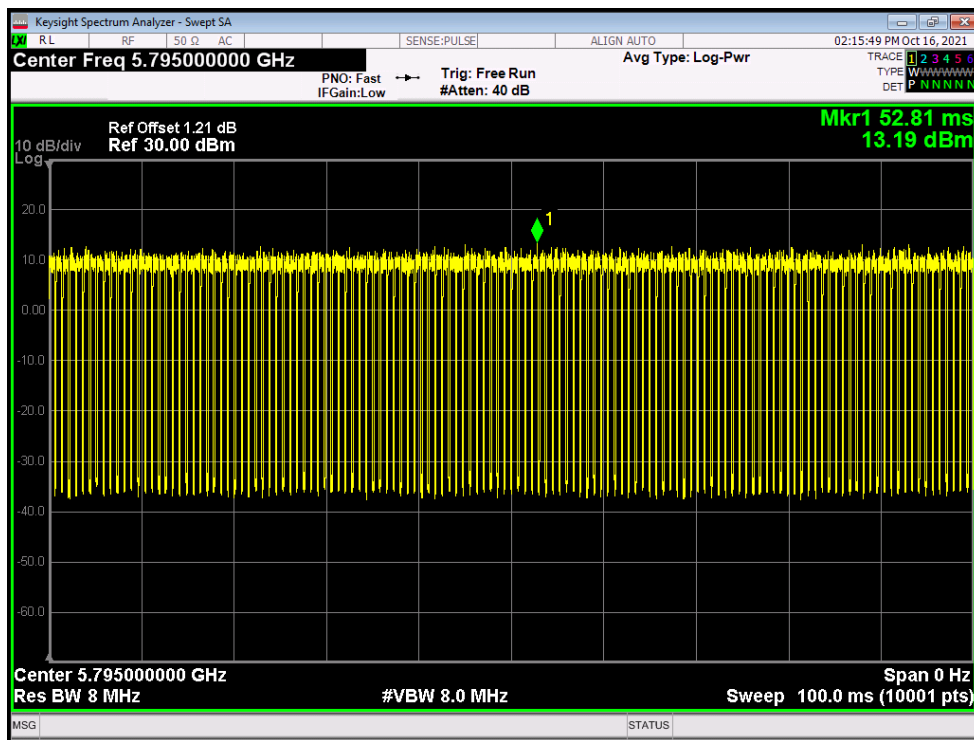
Duty Cycle NVNT ac20 5825MHz Ant1



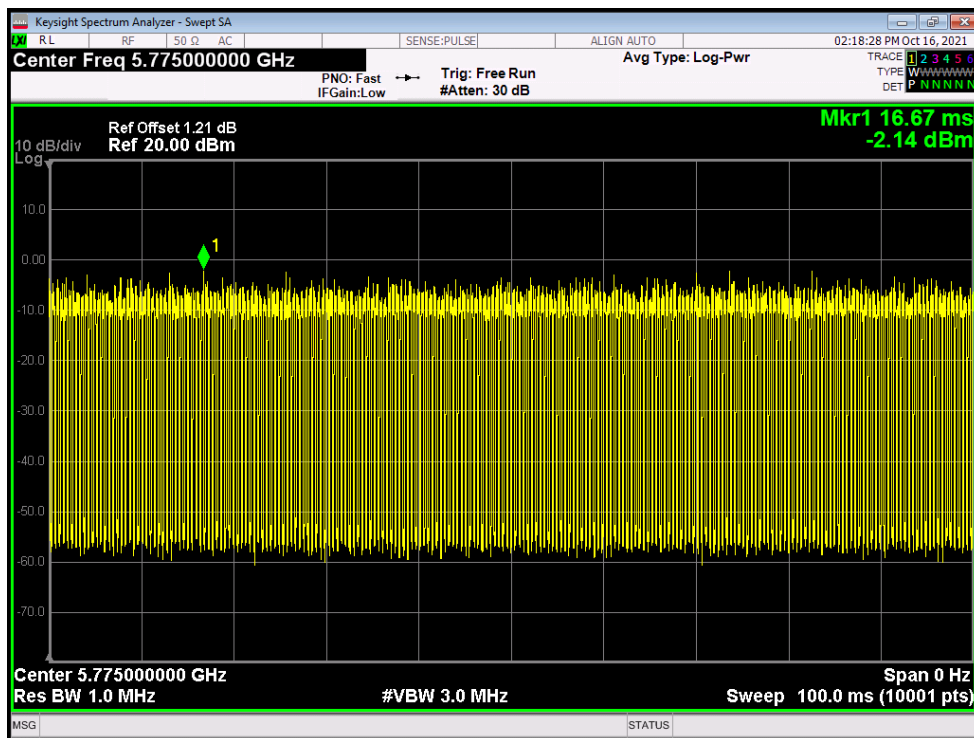
Duty Cycle NVNT ac40 5755MHz Ant1



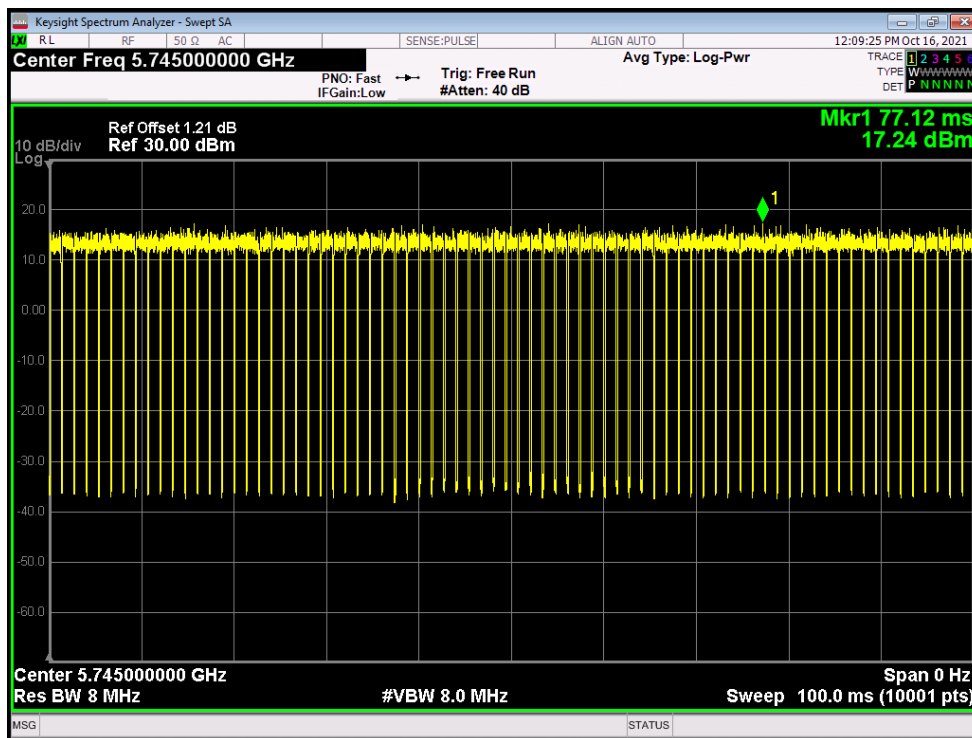
Duty Cycle NVNT ac40 5795MHz Ant1



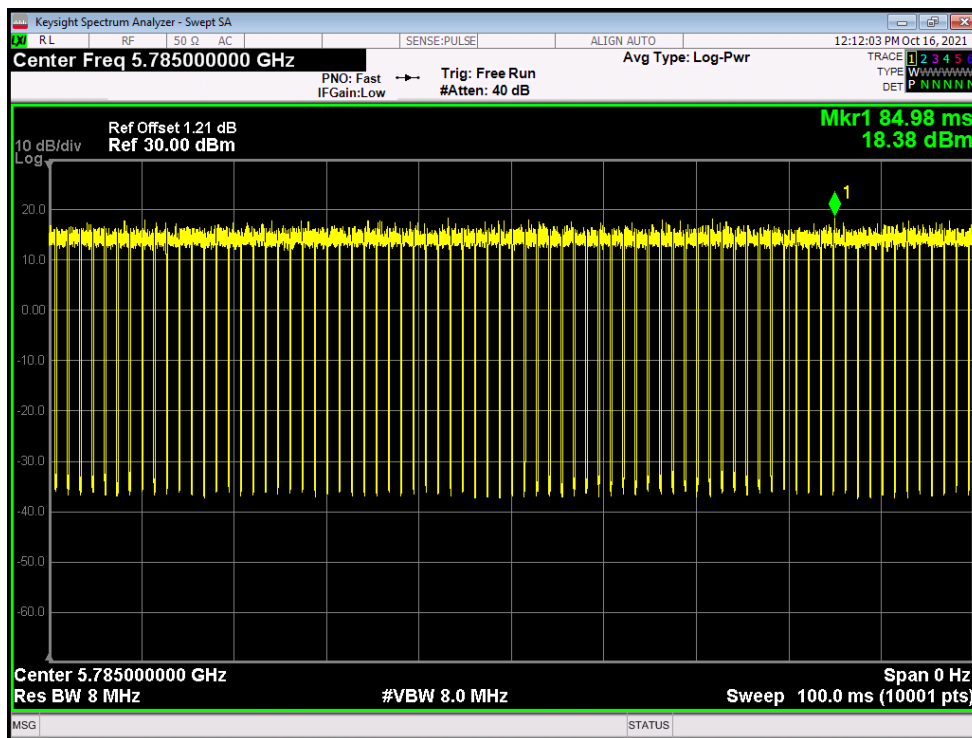
Duty Cycle NVNT ac80 5775MHz Ant1



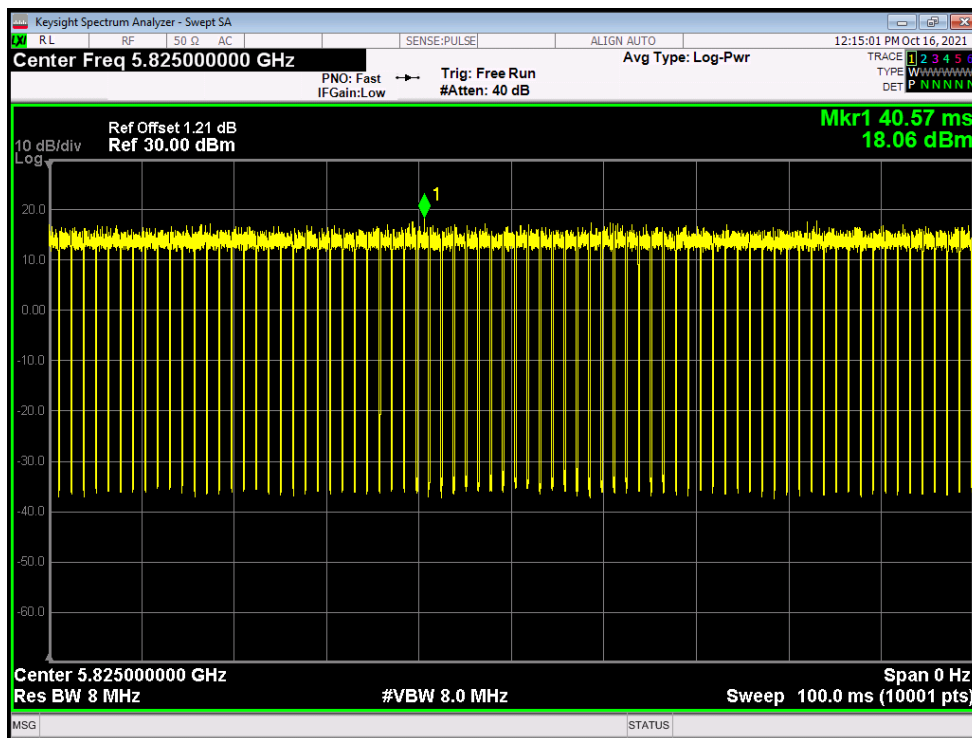
Duty Cycle NVNT n20 5745MHz Ant1



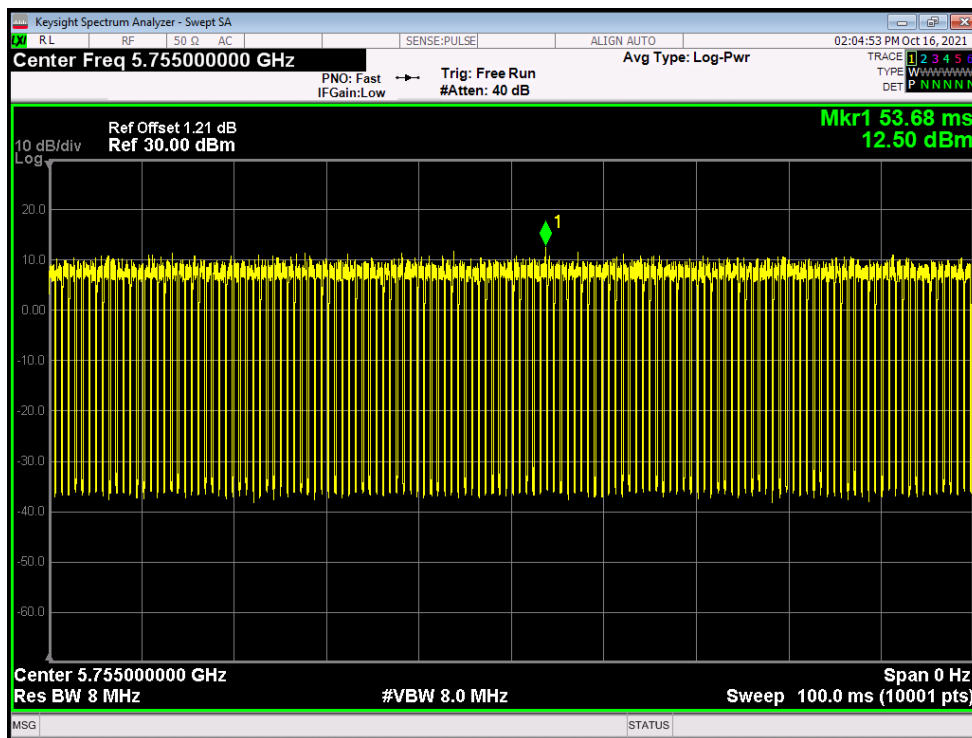
Duty Cycle NVNT n20 5785MHz Ant1



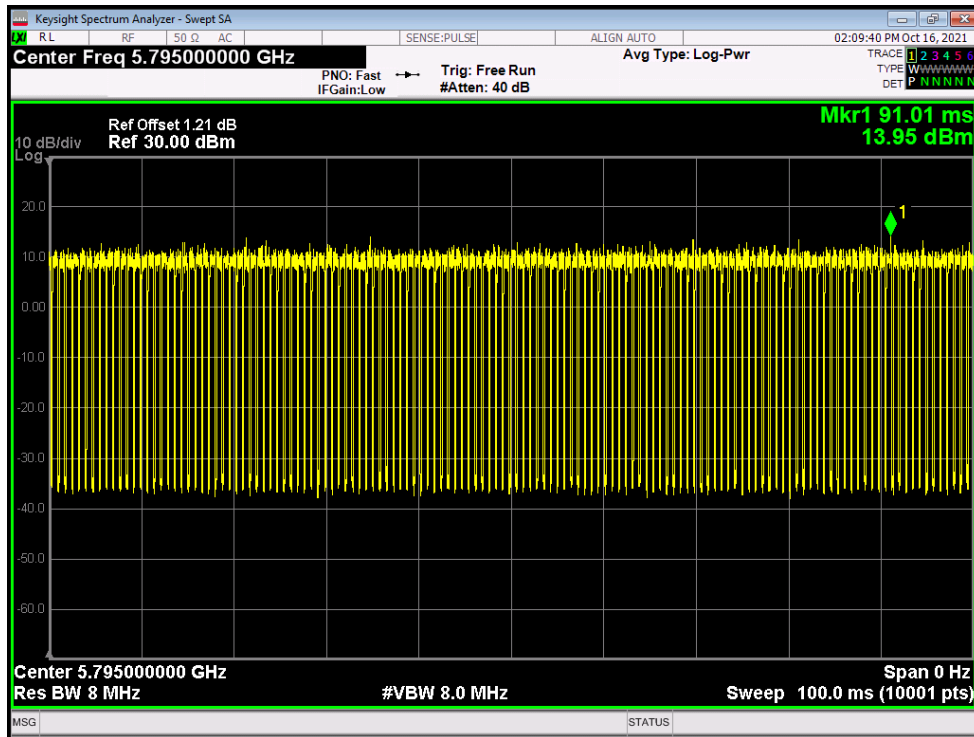
Duty Cycle NVNT n20 5825MHz Ant1



Duty Cycle NVNT n40 5755MHz Ant1



Duty Cycle NVNT n40 5795MHz Ant1





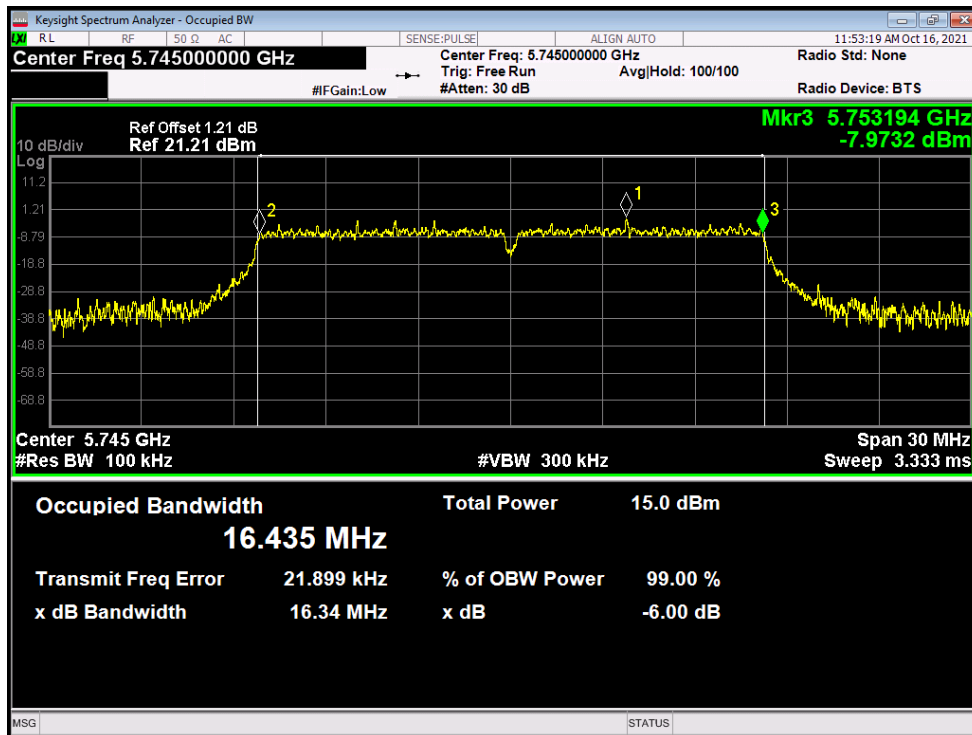
**Maximum Conducted Output Power**

Condition	Mode	Frequency (MHz)	Antenna	Conducted Power (dBm)	Limit (dBm)	Verdict
NVNT	a	5745	Ant1	8.952	30	Pass
NVNT	a	5785	Ant1	9.058	30	Pass
NVNT	a	5825	Ant1	9.913	30	Pass
NVNT	ac20	5745	Ant1	9.595	30	Pass
NVNT	ac20	5785	Ant1	9.459	30	Pass
NVNT	ac20	5825	Ant1	9.151	30	Pass
NVNT	ac40	5755	Ant1	9.254	30	Pass
NVNT	ac40	5795	Ant1	8.469	30	Pass
NVNT	ac80	5775	Ant1	7.804	30	Pass
NVNT	n20	5745	Ant1	9.701	30	Pass
NVNT	n20	5785	Ant1	9.421	30	Pass
NVNT	n20	5825	Ant1	9.134	30	Pass
NVNT	n40	5755	Ant1	9.042	30	Pass
NVNT	n40	5795	Ant1	8.521	30	Pass

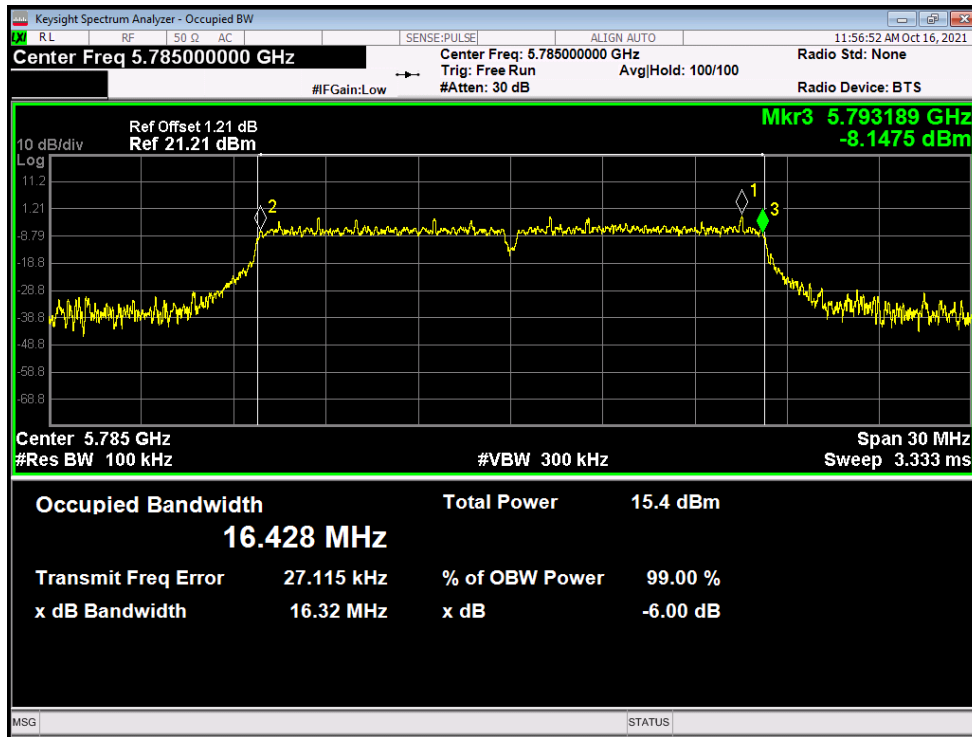
**-6dB Bandwidth**

Condition	Mode	Frequency (MHz)	Antenna	-6 dB Bandwidth (MHz)	Limit -6 dB Bandwidth (MHz)	Verdict
NVNT	a	5745	Ant1	16.344	0.5	Pass
NVNT	a	5785	Ant1	16.324	0.5	Pass
NVNT	a	5825	Ant1	16.329	0.5	Pass
NVNT	ac20	5745	Ant1	17.249	0.5	Pass
NVNT	ac20	5785	Ant1	17.385	0.5	Pass
NVNT	ac20	5825	Ant1	17.515	0.5	Pass
NVNT	ac40	5755	Ant1	36.126	0.5	Pass
NVNT	ac40	5795	Ant1	35.981	0.5	Pass
NVNT	ac80	5775	Ant1	75.519	0.5	Pass
NVNT	n20	5745	Ant1	17.4	0.5	Pass
NVNT	n20	5785	Ant1	17.44	0.5	Pass
NVNT	n20	5825	Ant1	17.303	0.5	Pass
NVNT	n40	5755	Ant1	35.734	0.5	Pass
NVNT	n40	5795	Ant1	36.005	0.5	Pass

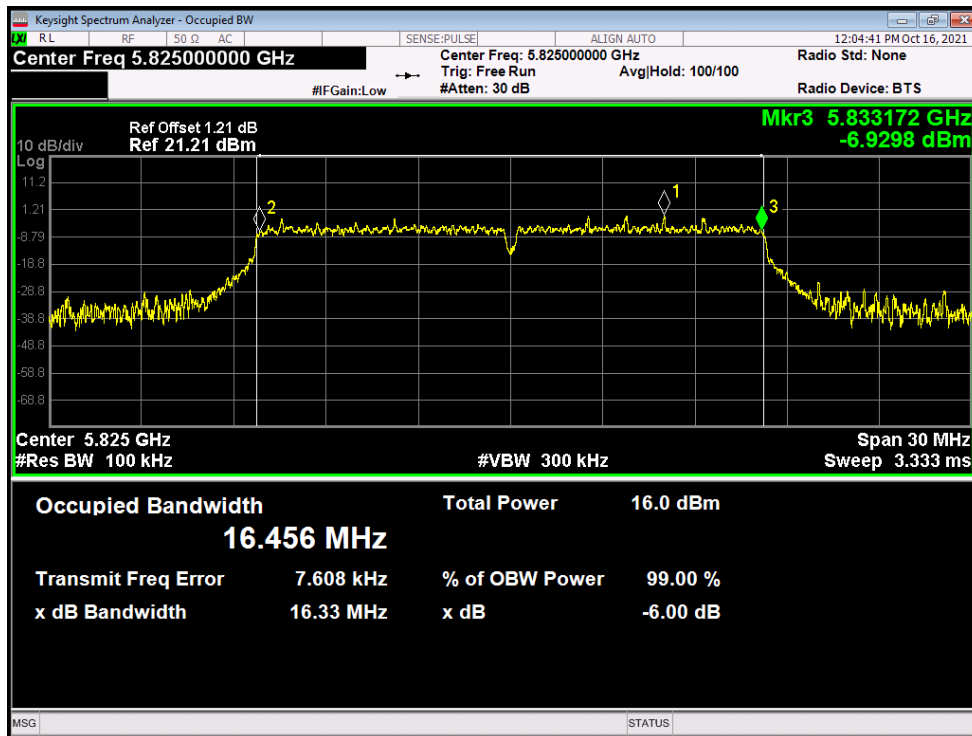
-6dB Bandwidth NVNT a 5745MHz Ant1



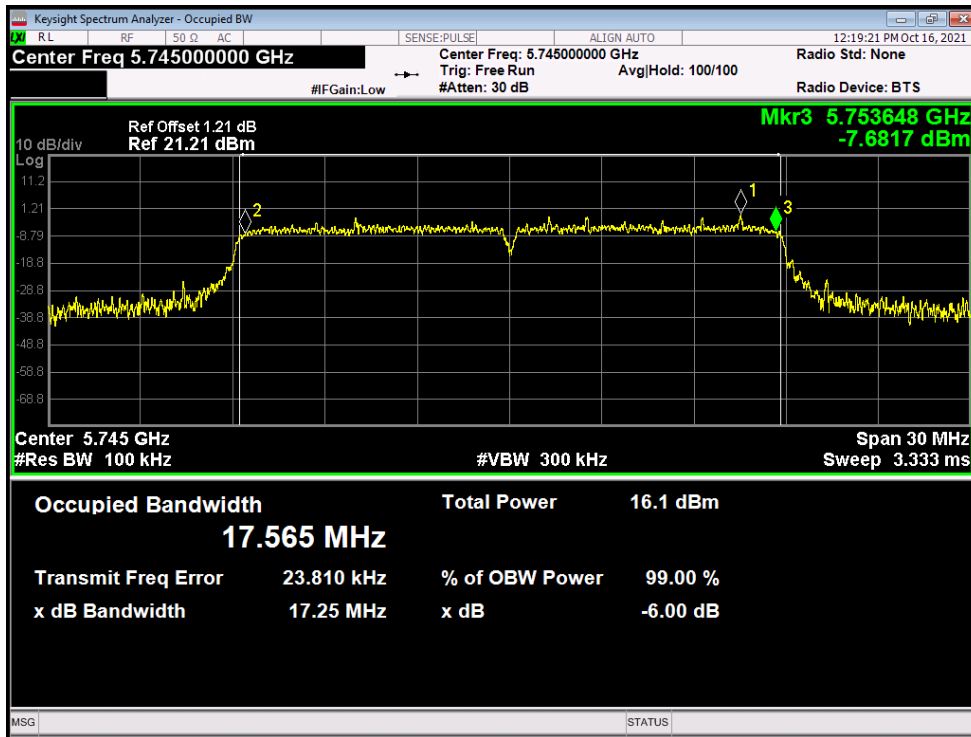
-6dB Bandwidth NVNT a 5785MHz Ant1



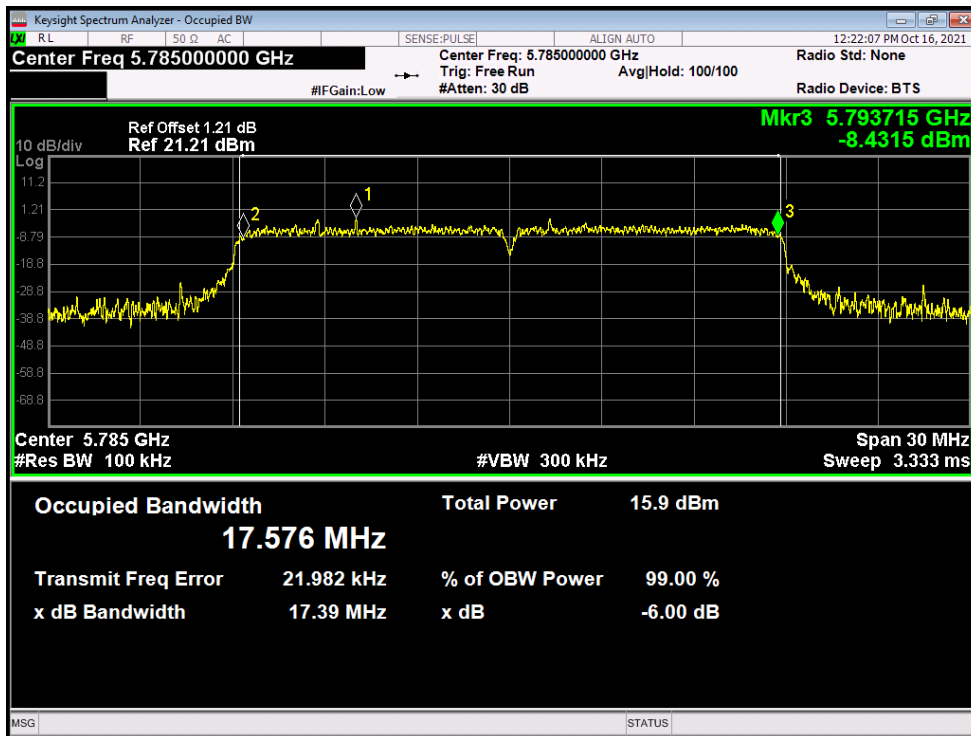
-6dB Bandwidth NVNT a 5825MHz Ant1



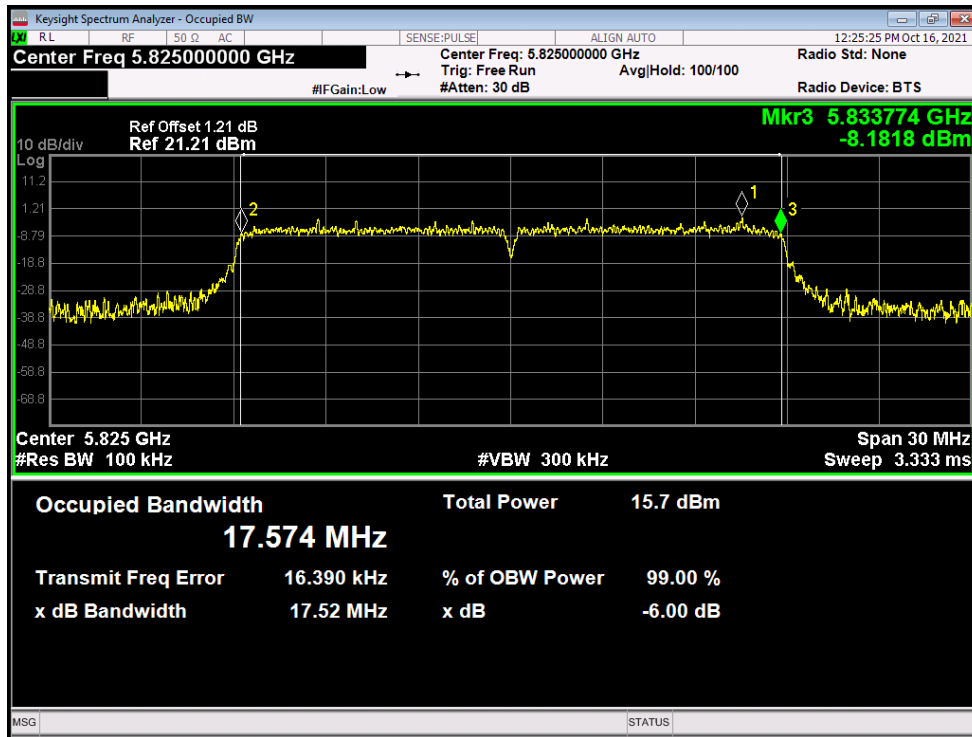
-6dB Bandwidth NVNT ac20 5745MHz Ant1



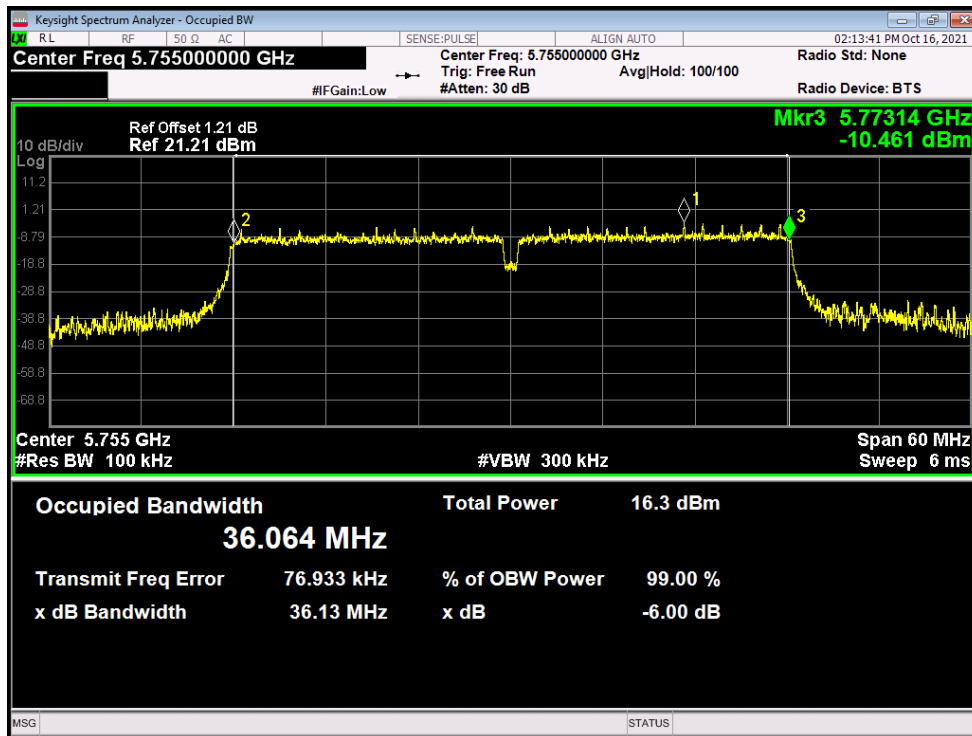
-6dB Bandwidth NVNT ac20 5785MHz Ant1



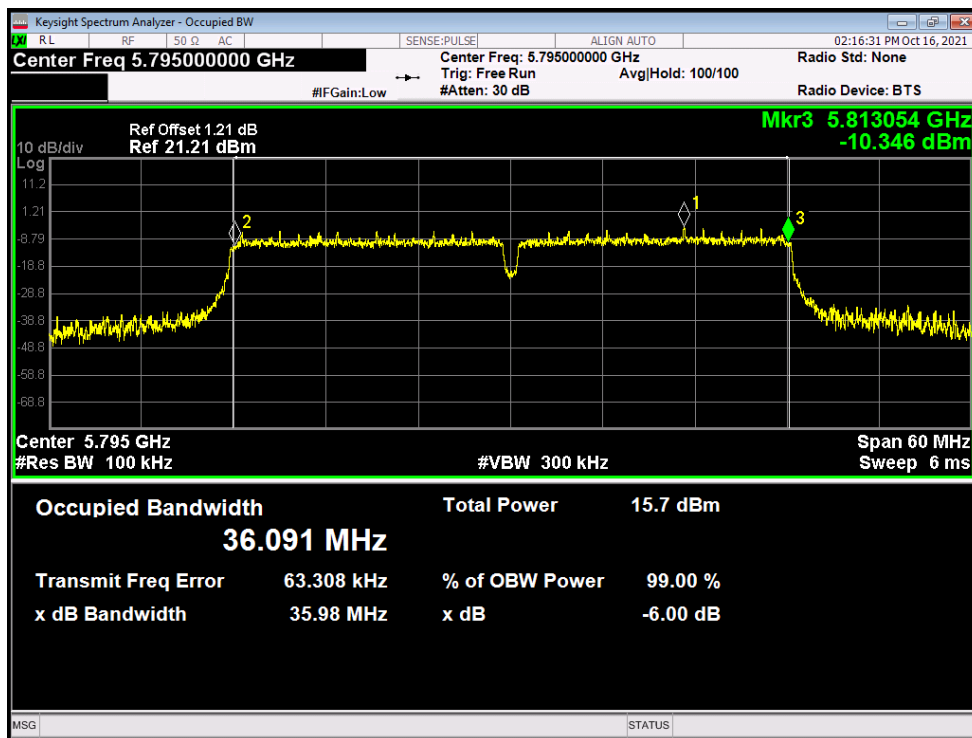
-6dB Bandwidth NVNT ac20 5825MHz Ant1



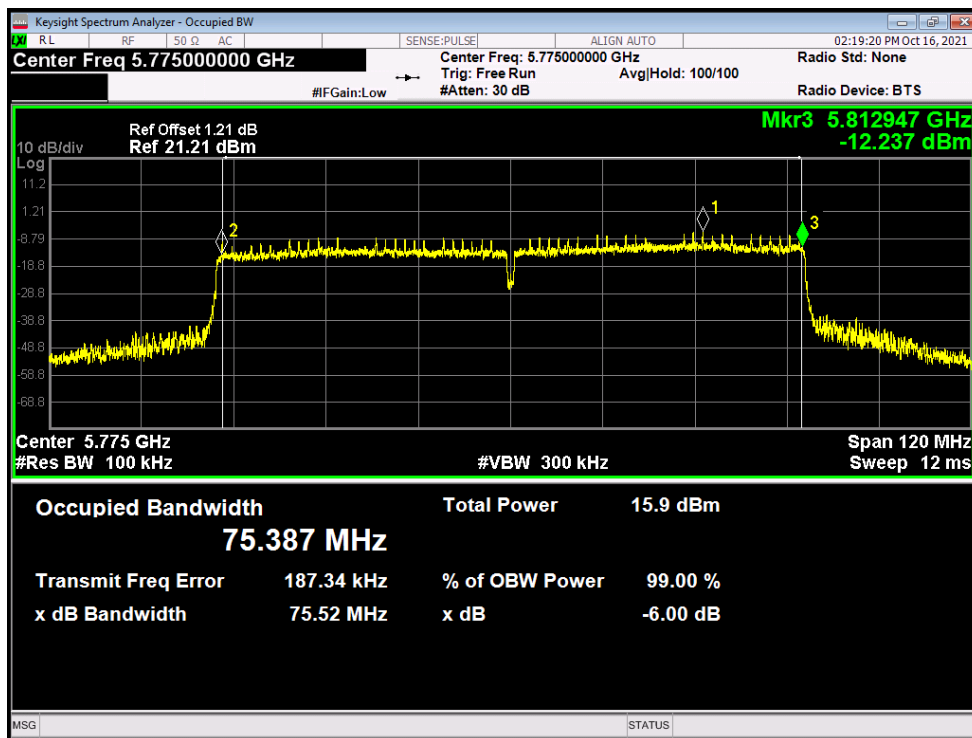
-6dB Bandwidth NVNT ac40 5755MHz Ant1



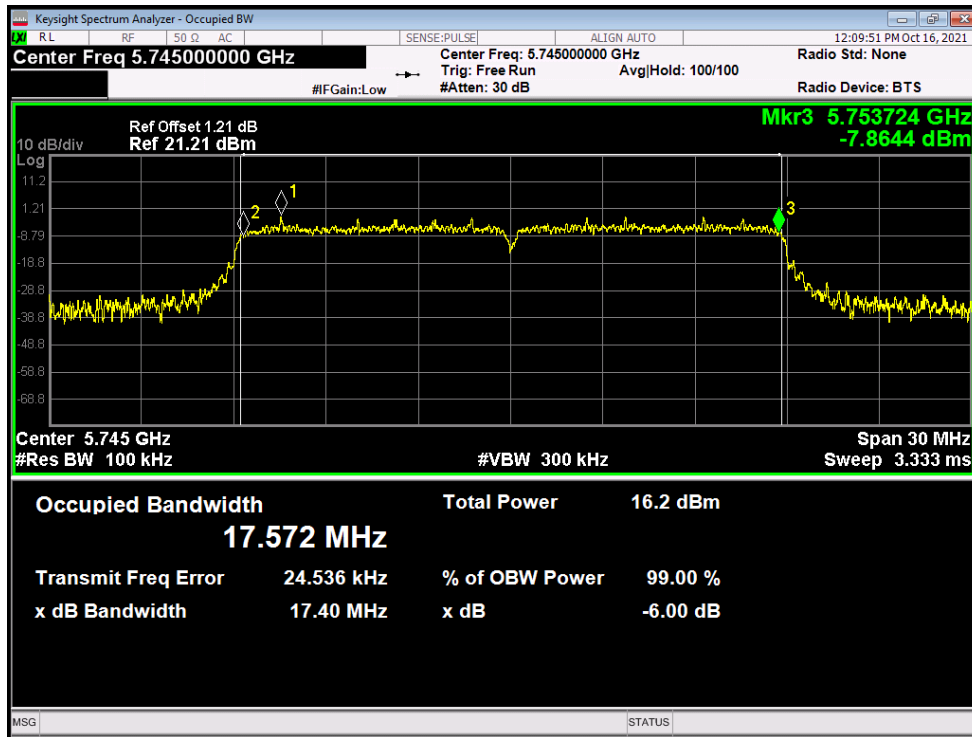
-6dB Bandwidth NVNT ac40 5795MHz Ant1



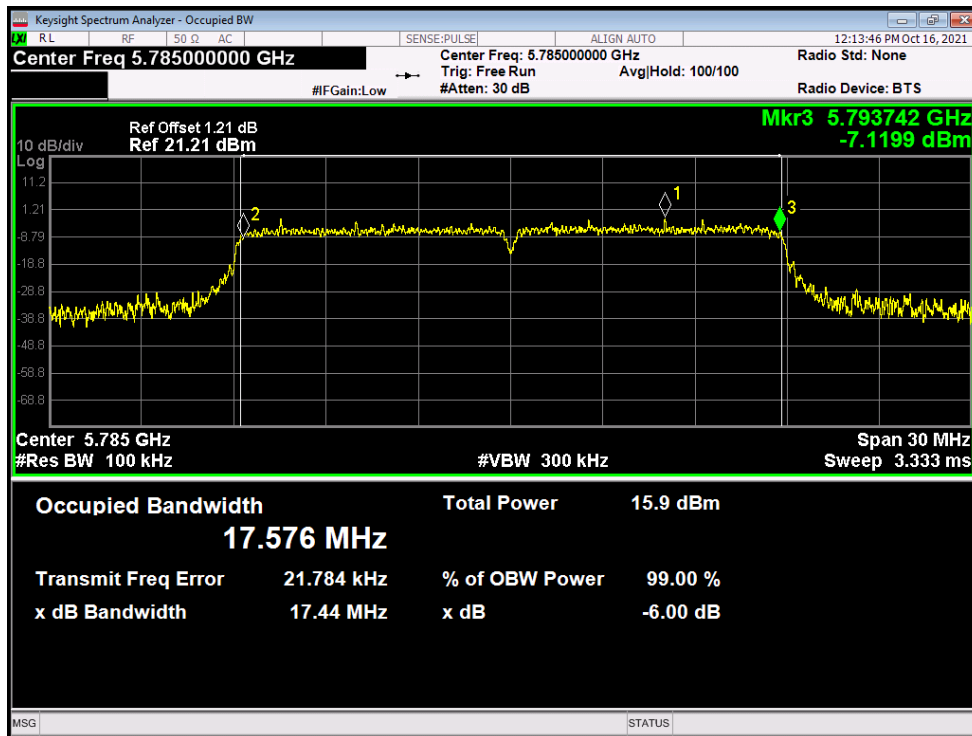
-6dB Bandwidth NVNT ac80 5775MHz Ant1



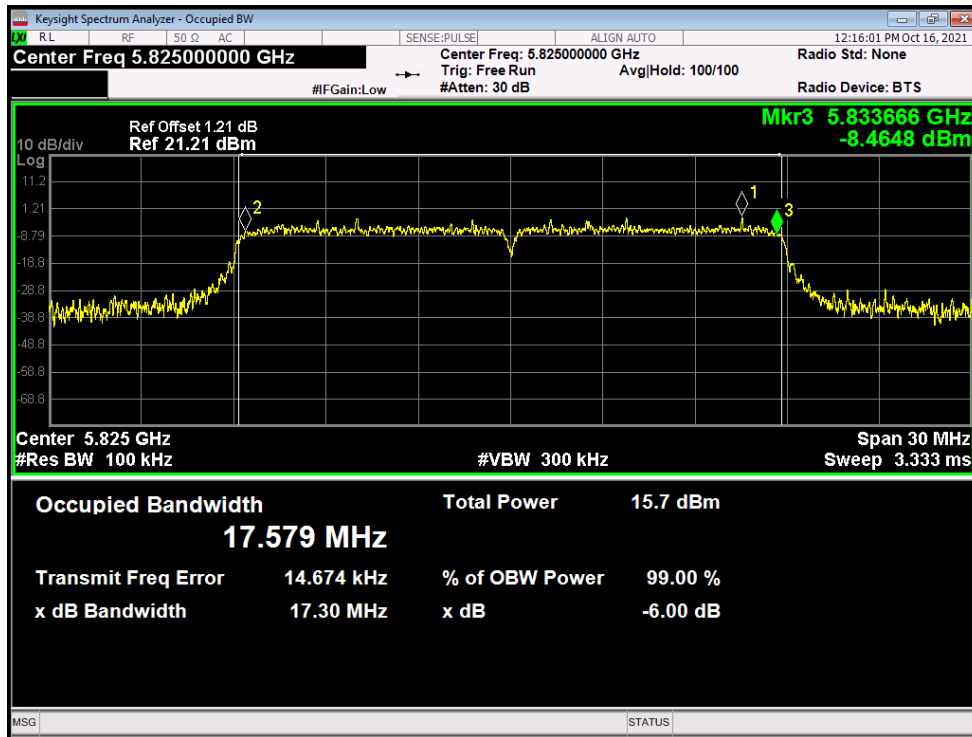
-6dB Bandwidth NVNT n20 5745MHz Ant1



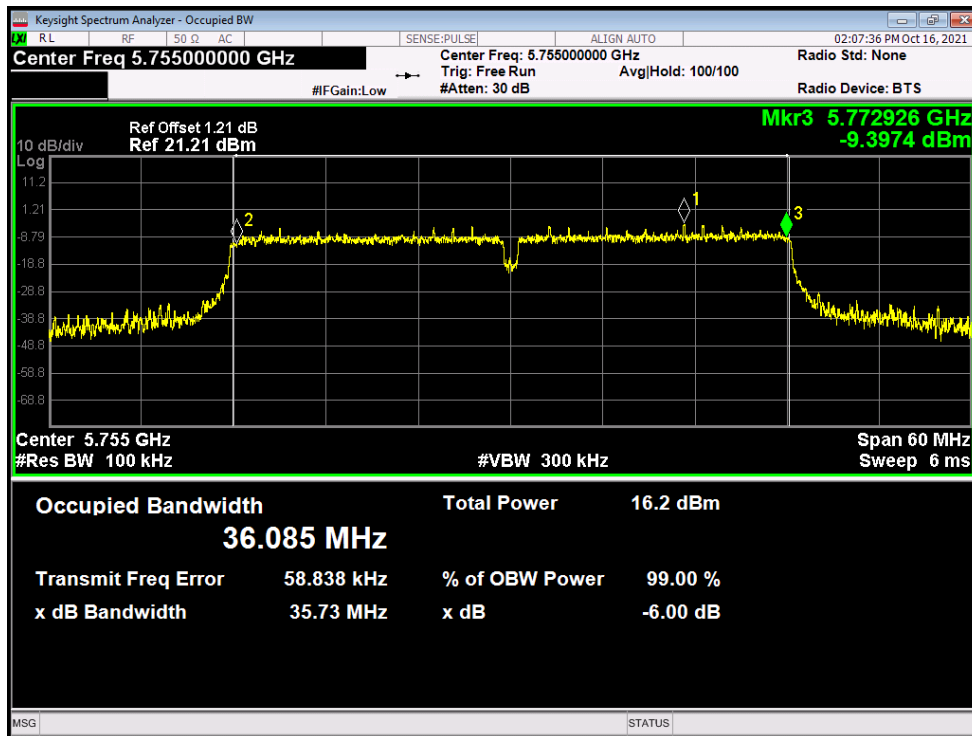
-6dB Bandwidth NVNT n20 5785MHz Ant1



-6dB Bandwidth NVNT n20 5825MHz Ant1

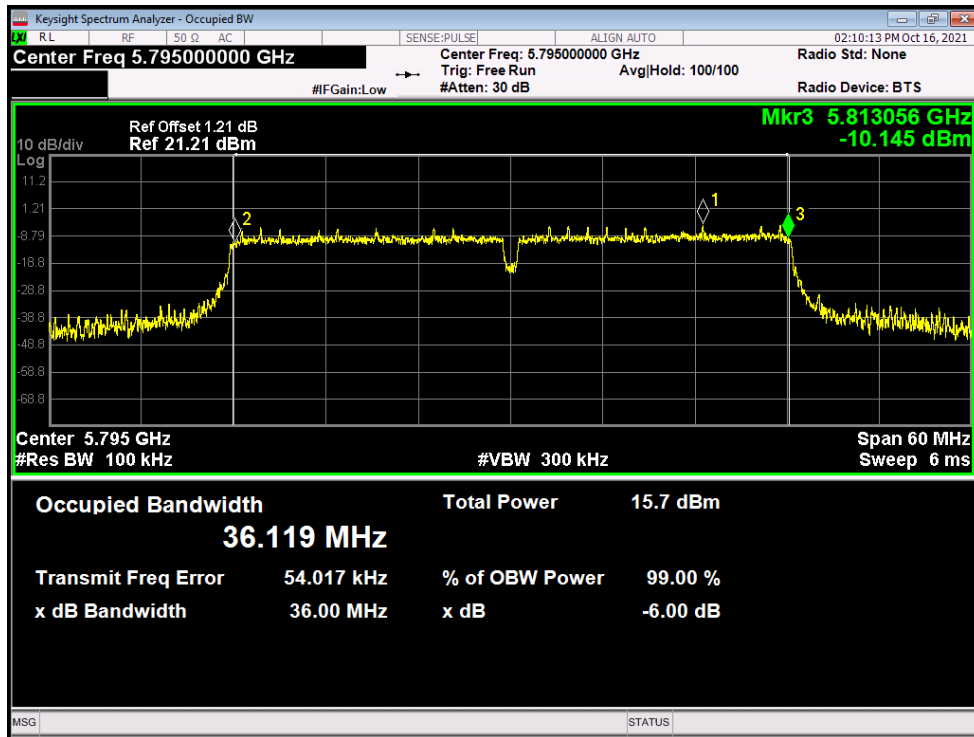


-6dB Bandwidth NVNT n40 5755MHz Ant1





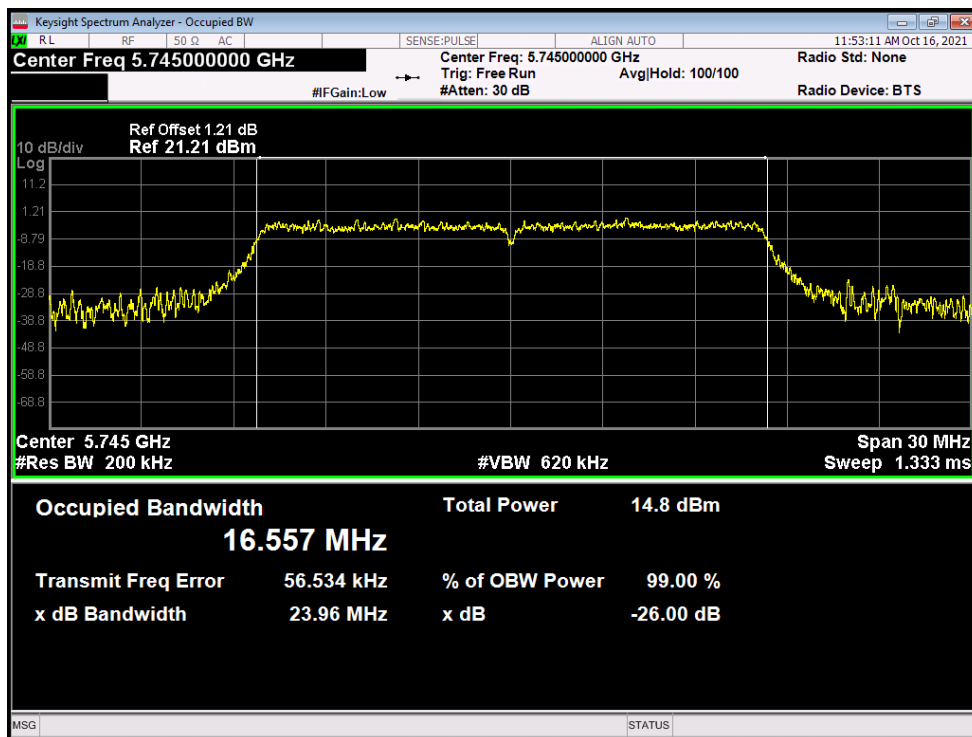
-6dB Bandwidth NVNT n40 5795MHz Ant1



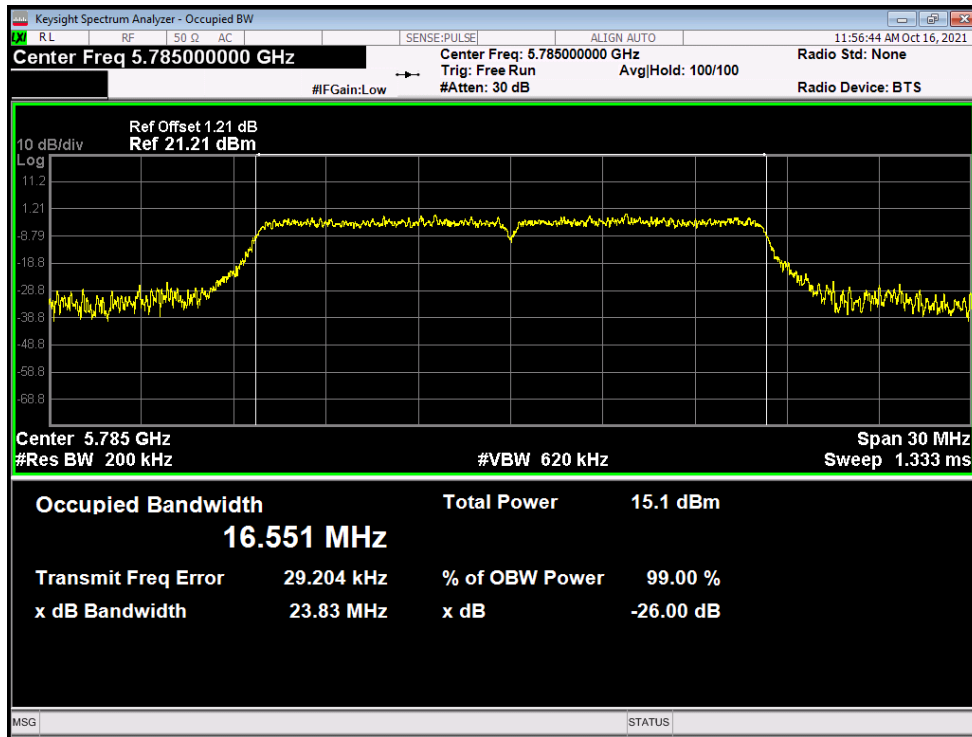
**Occupied Channel Bandwidth**

Condition	Mode	Frequency (MHz)	Antenna	99% OBW (MHz)
NVNT	a	5745	Ant1	16.557
NVNT	a	5785	Ant1	16.551
NVNT	a	5825	Ant1	16.555
NVNT	ac20	5745	Ant1	17.609
NVNT	ac20	5785	Ant1	17.605
NVNT	ac20	5825	Ant1	17.638
NVNT	ac40	5755	Ant1	36.23
NVNT	ac40	5795	Ant1	36.278
NVNT	ac80	5775	Ant1	75.415
NVNT	n20	5745	Ant1	17.627
NVNT	n20	5785	Ant1	17.627
NVNT	n20	5825	Ant1	17.631
NVNT	n40	5755	Ant1	36.296
NVNT	n40	5795	Ant1	36.271

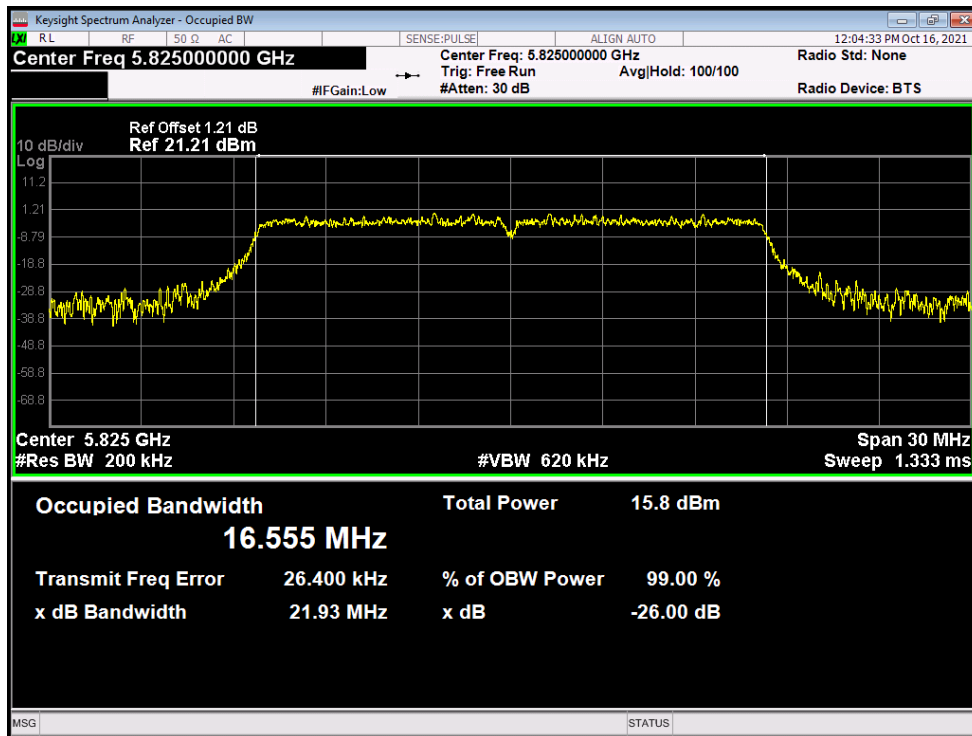
OBW NVNT a 5745MHz Ant1



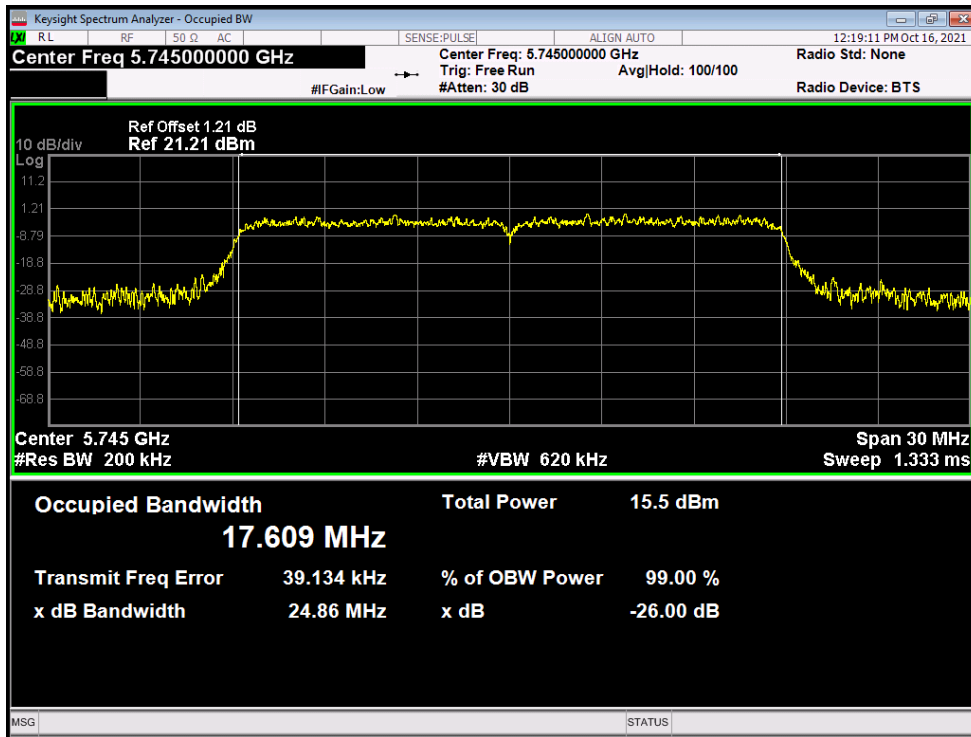
OBW NVNT a 5785MHz Ant1



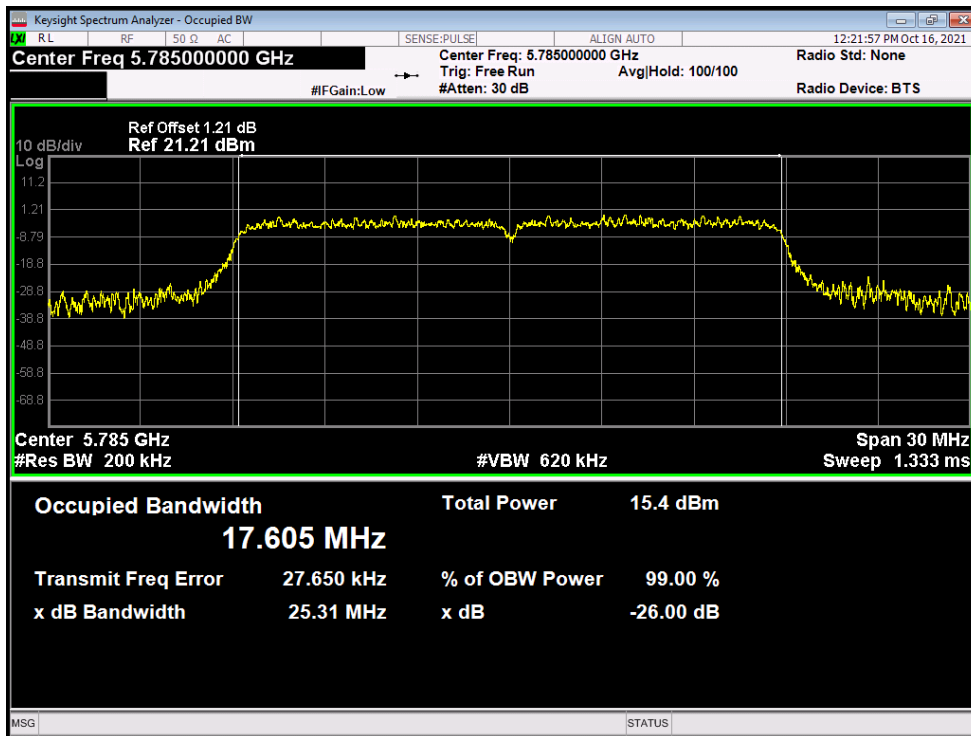
OBW NVNT a 5825MHz Ant1



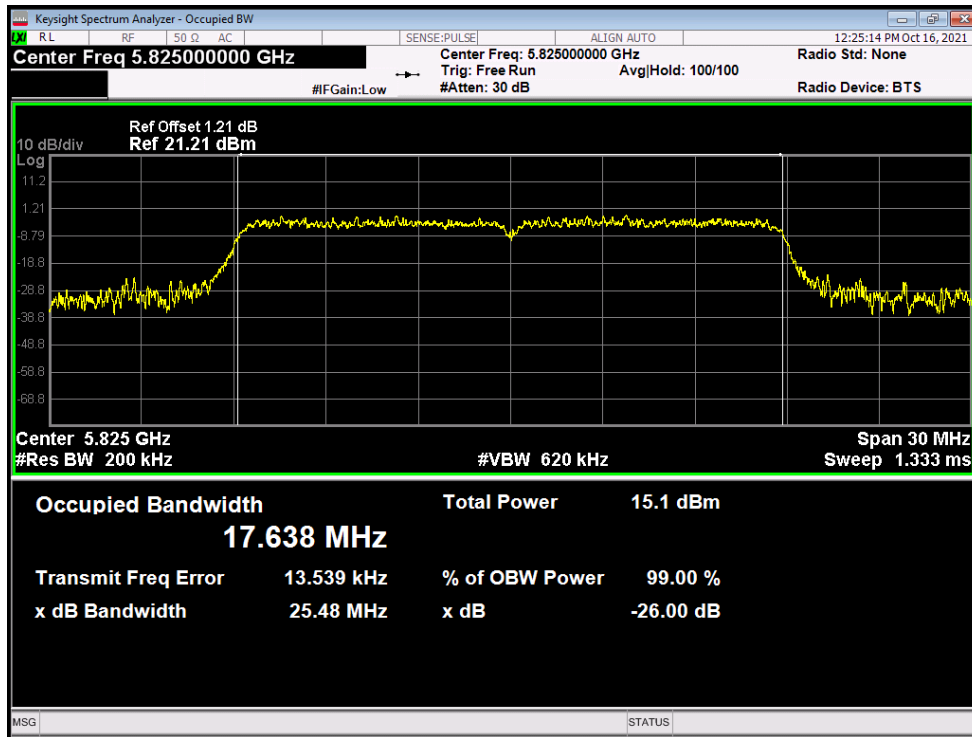
OBW NVNT ac20 5745MHz Ant1



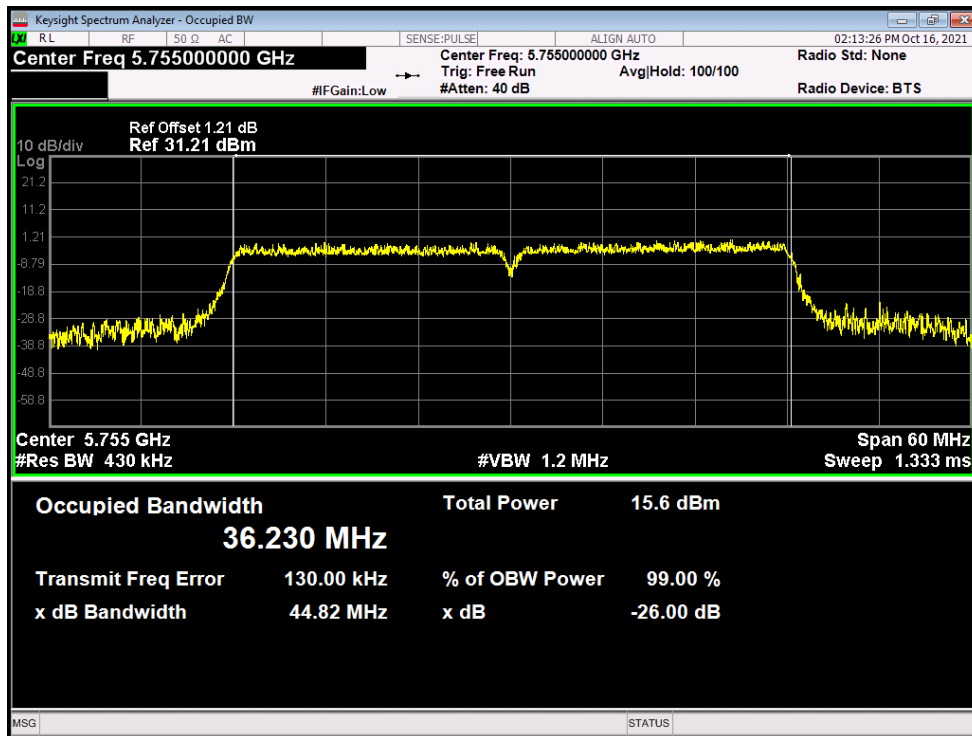
OBW NVNT ac20 5785MHz Ant1



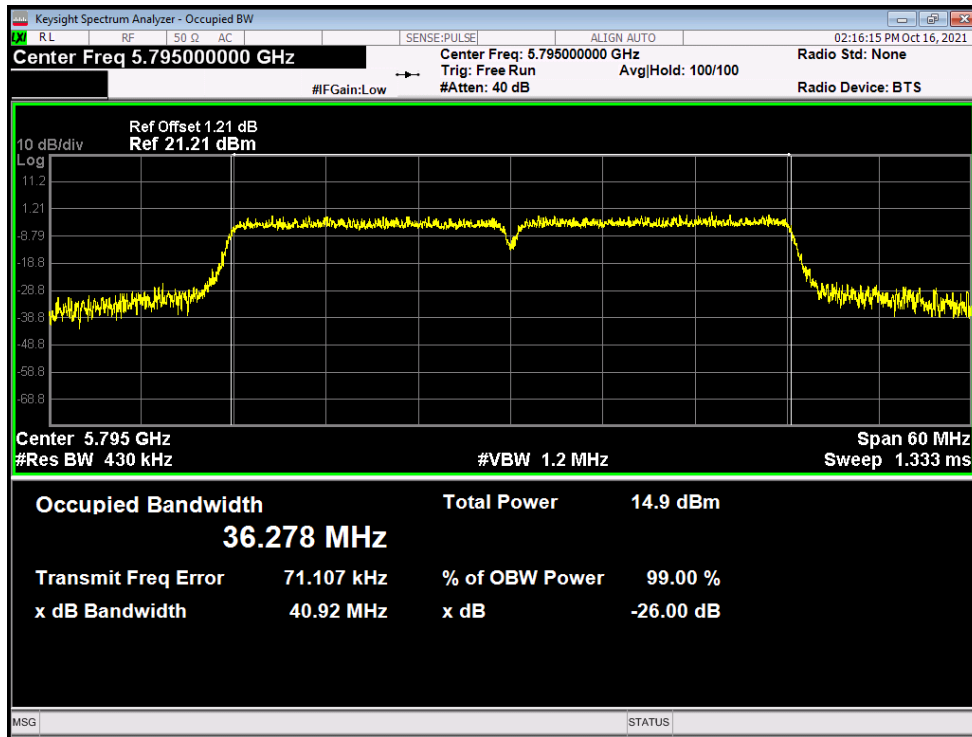
OBW NVNT ac20 5825MHz Ant1



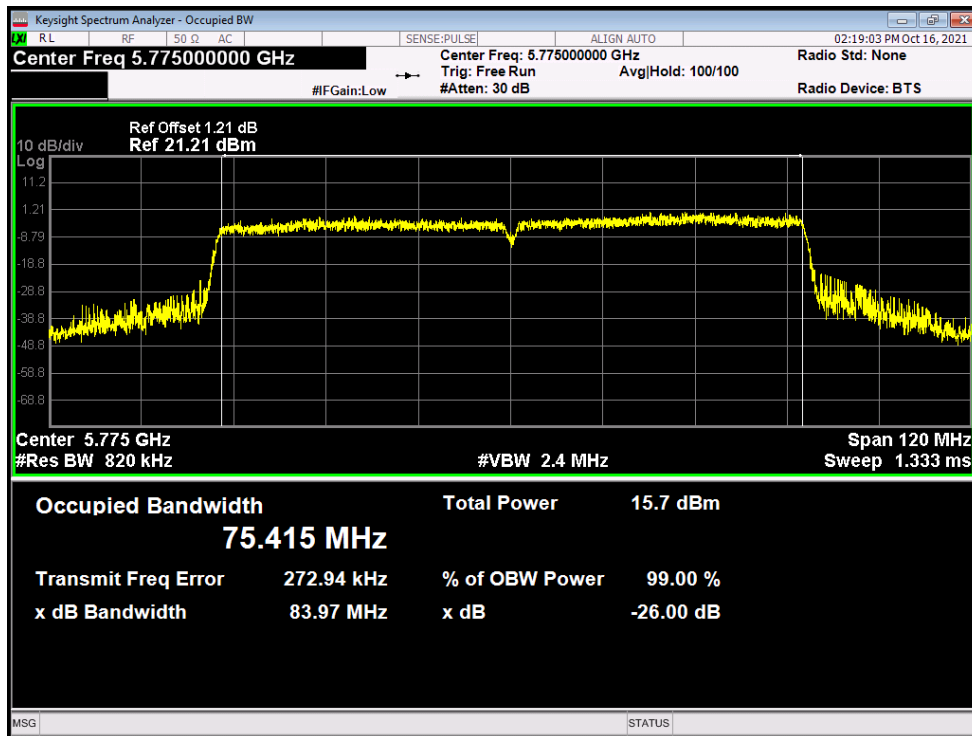
OBW NVNT ac40 5755MHz Ant1



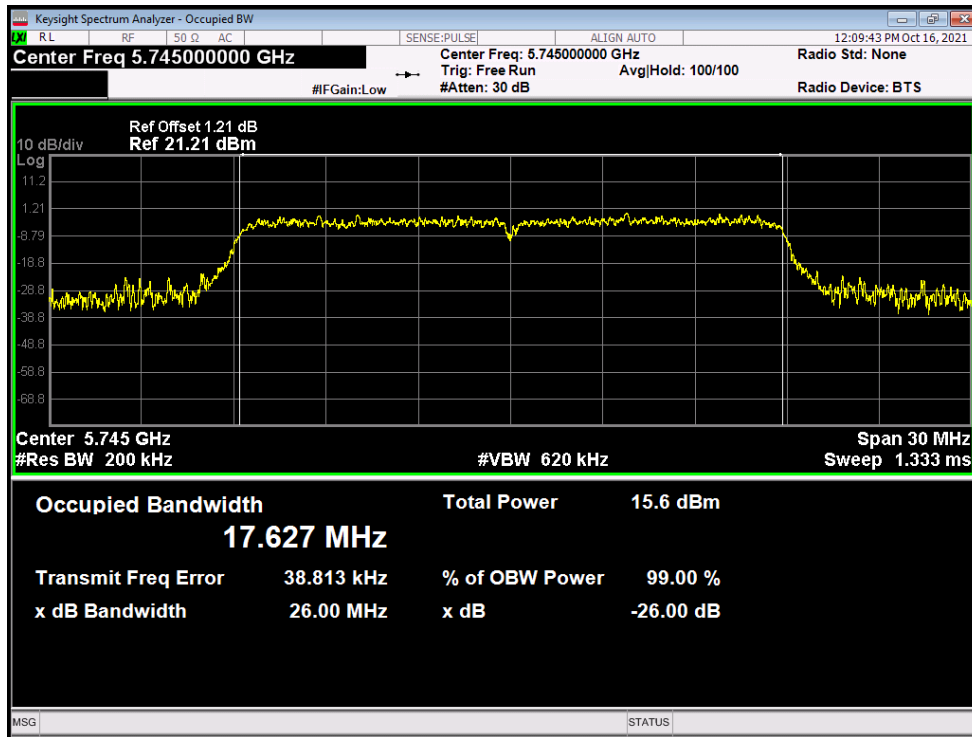
OBW NVNT ac40 5795MHz Ant1



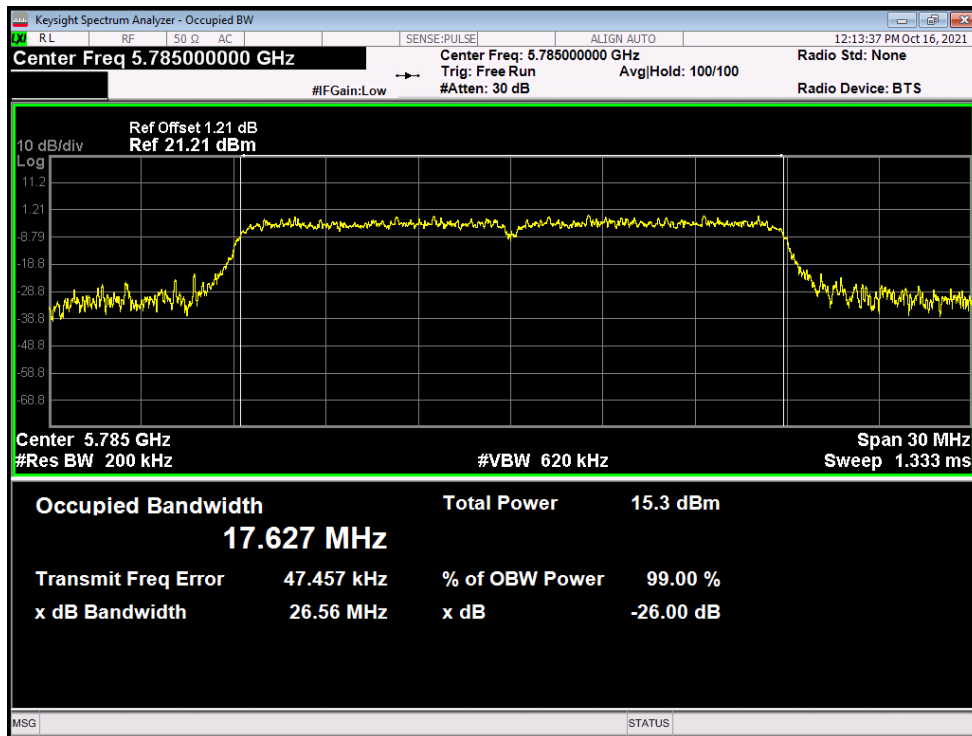
OBW NVNT ac80 5775MHz Ant1



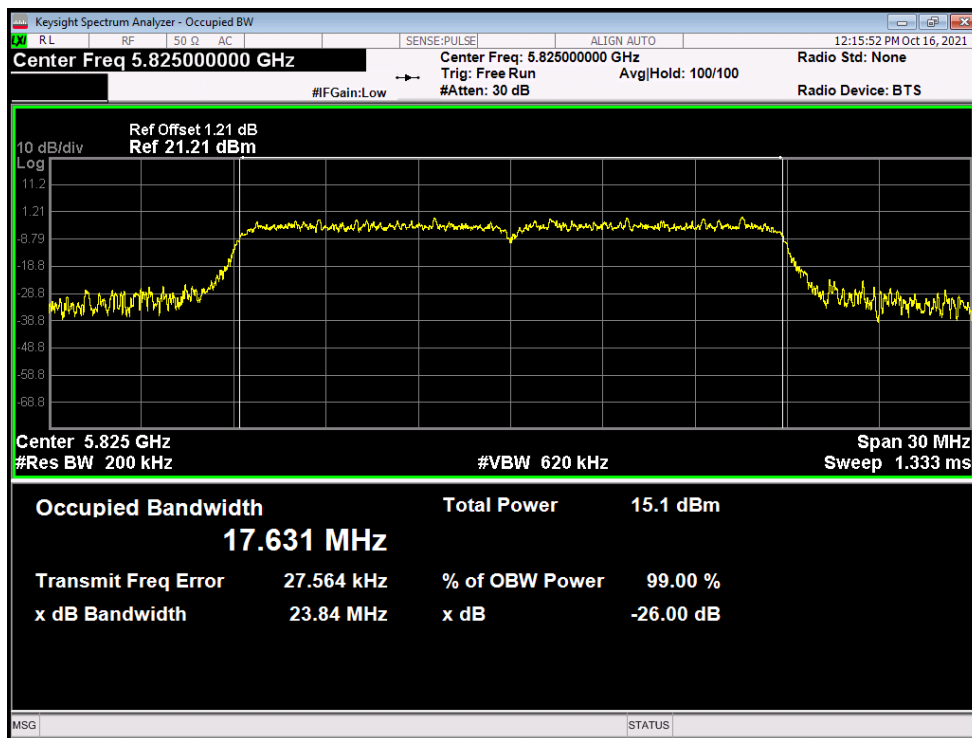
OBW NVNT n20 5745MHz Ant1



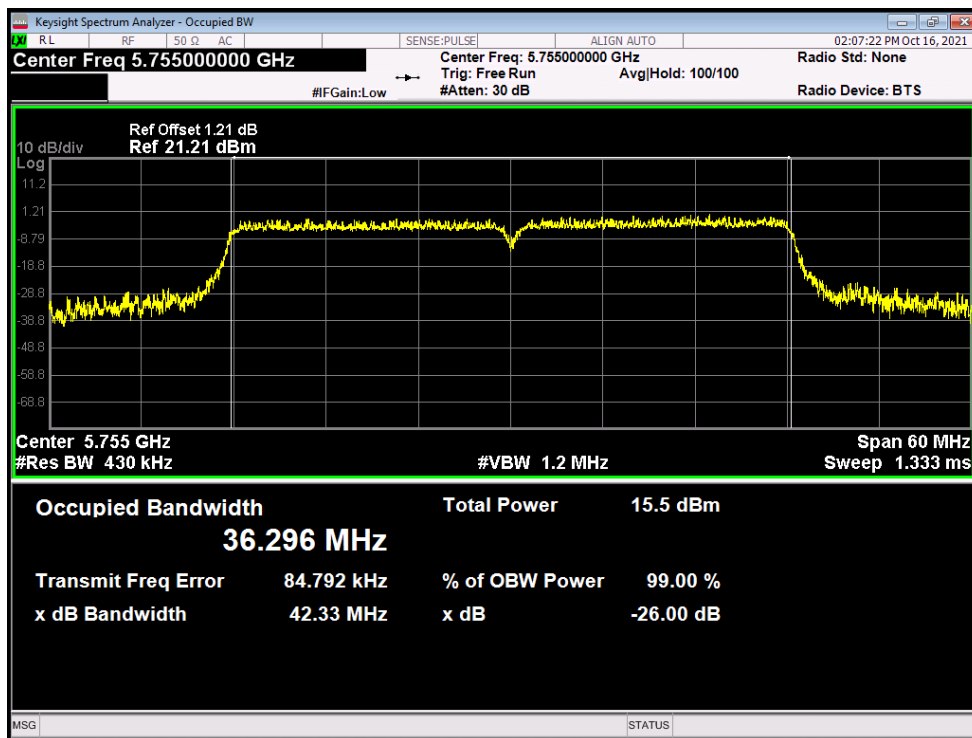
OBW NVNT n20 5785MHz Ant1



OBW NVNT n20 5825MHz Ant1

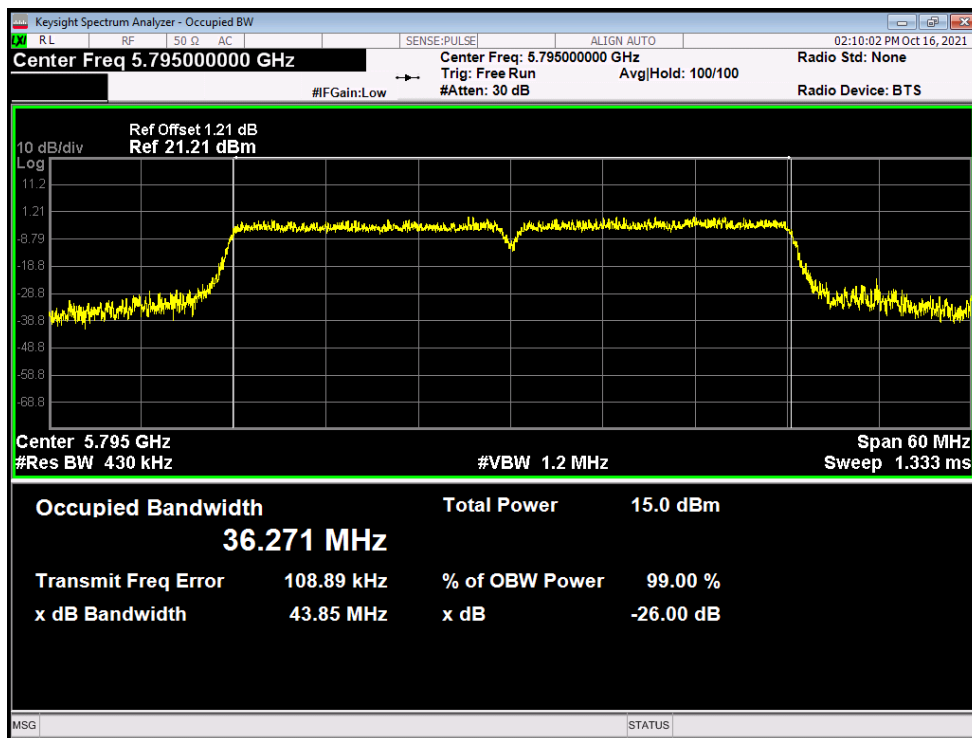


OBW NVNT n40 5755MHz Ant1





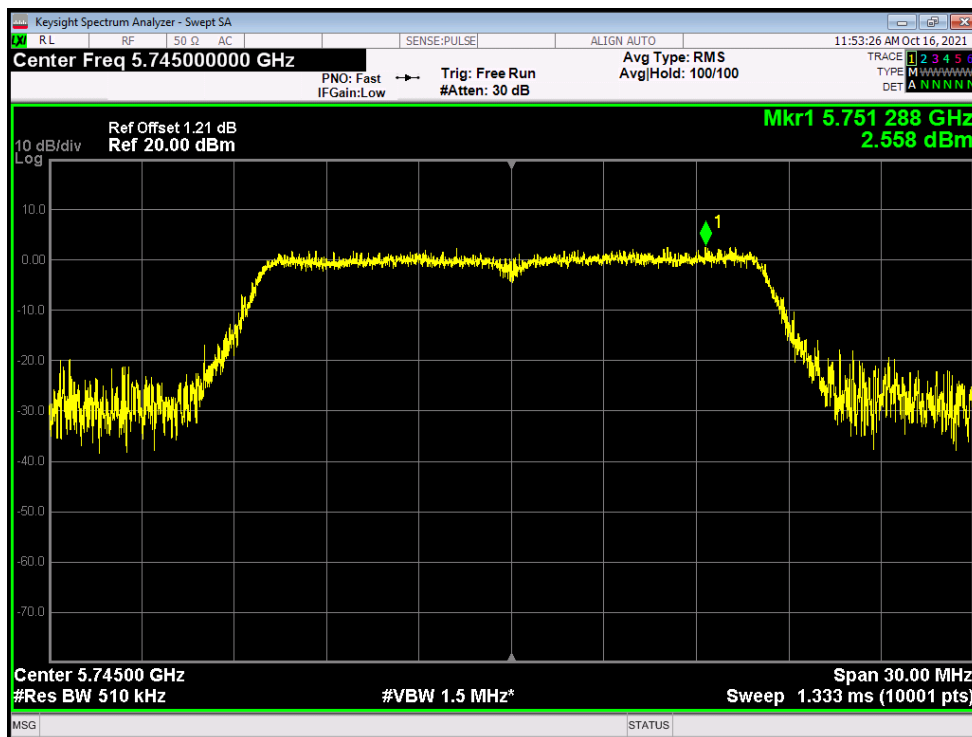
OBW NVNT n40 5795MHz Ant1



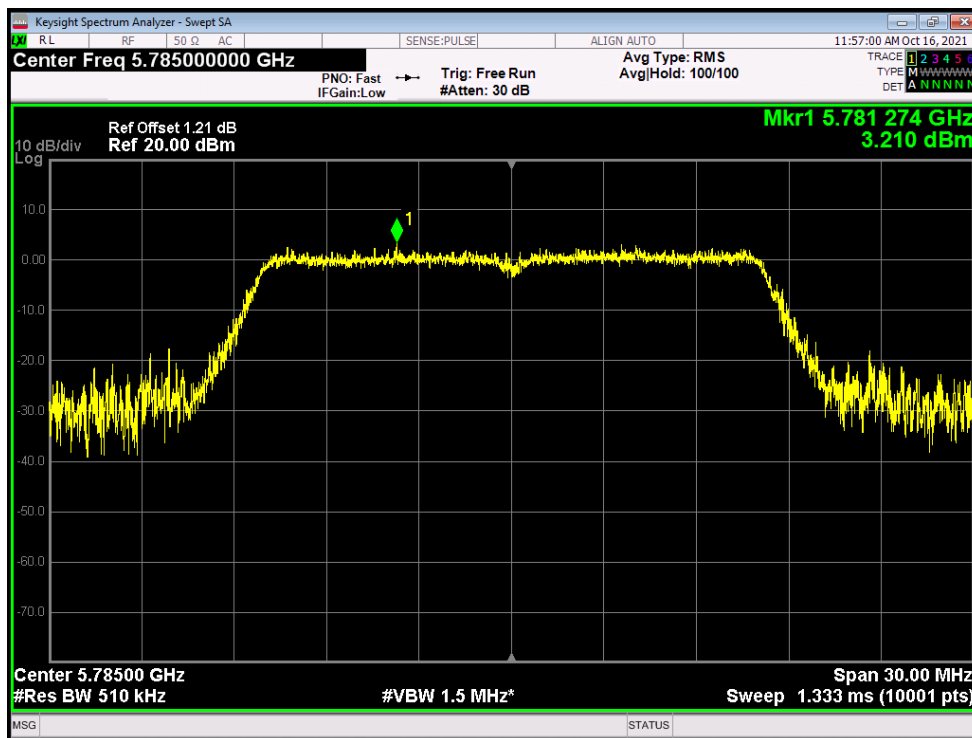
**Maximum Power Spectral Density Level**

Condition	Mode	Frequency (MHz)	Antenna	Max PSD (dBm)	Limit (dBm)	Verdict
NVNT	a	5745	Ant1	2.558	30	Pass
NVNT	a	5785	Ant1	3.21	30	Pass
NVNT	a	5825	Ant1	3.462	30	Pass
NVNT	ac20	5745	Ant1	4.699	30	Pass
NVNT	ac20	5785	Ant1	3.66	30	Pass
NVNT	ac20	5825	Ant1	4.401	30	Pass
NVNT	ac40	5755	Ant1	0.982	30	Pass
NVNT	ac40	5795	Ant1	1.426	30	Pass
NVNT	ac80	5775	Ant1	-10.897	30	Pass
NVNT	n20	5745	Ant1	4.323	30	Pass
NVNT	n20	5785	Ant1	3.625	30	Pass
NVNT	n20	5825	Ant1	4.326	30	Pass
NVNT	n40	5755	Ant1	1.538	30	Pass
NVNT	n40	5795	Ant1	0.713	30	Pass

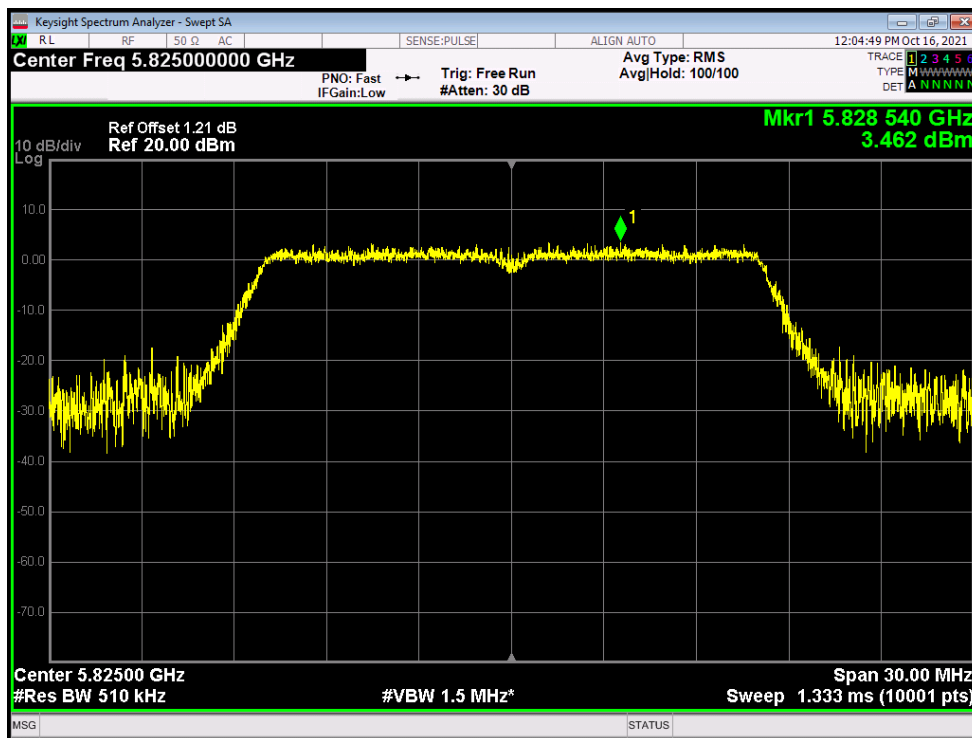
PSD NVNT a 5745MHz Ant1



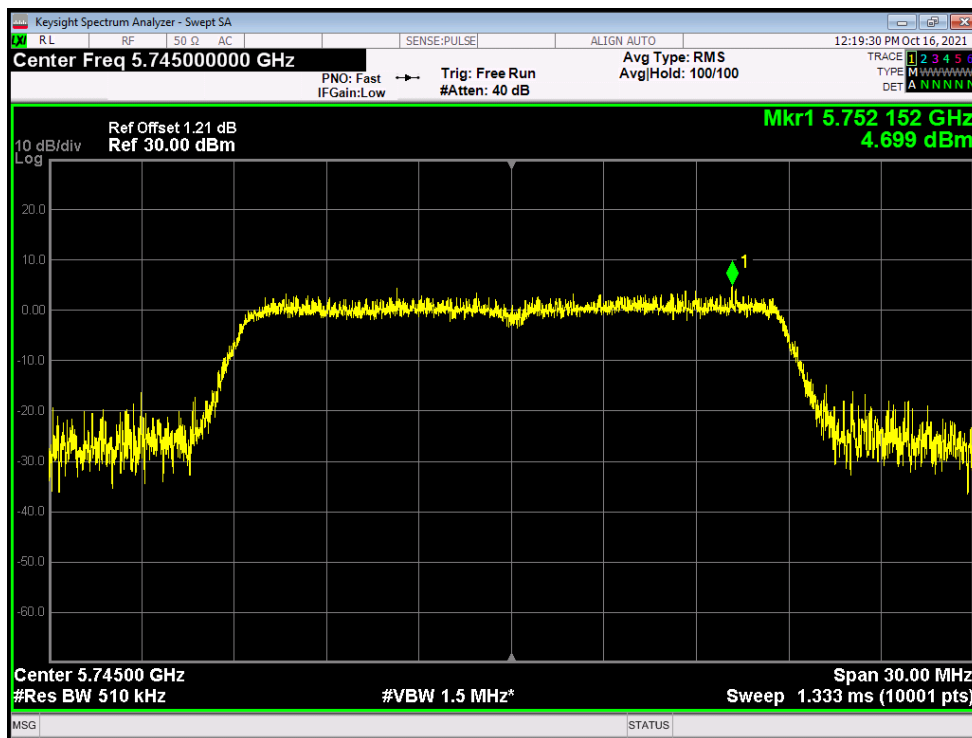
PSD NVNT a 5785MHz Ant1



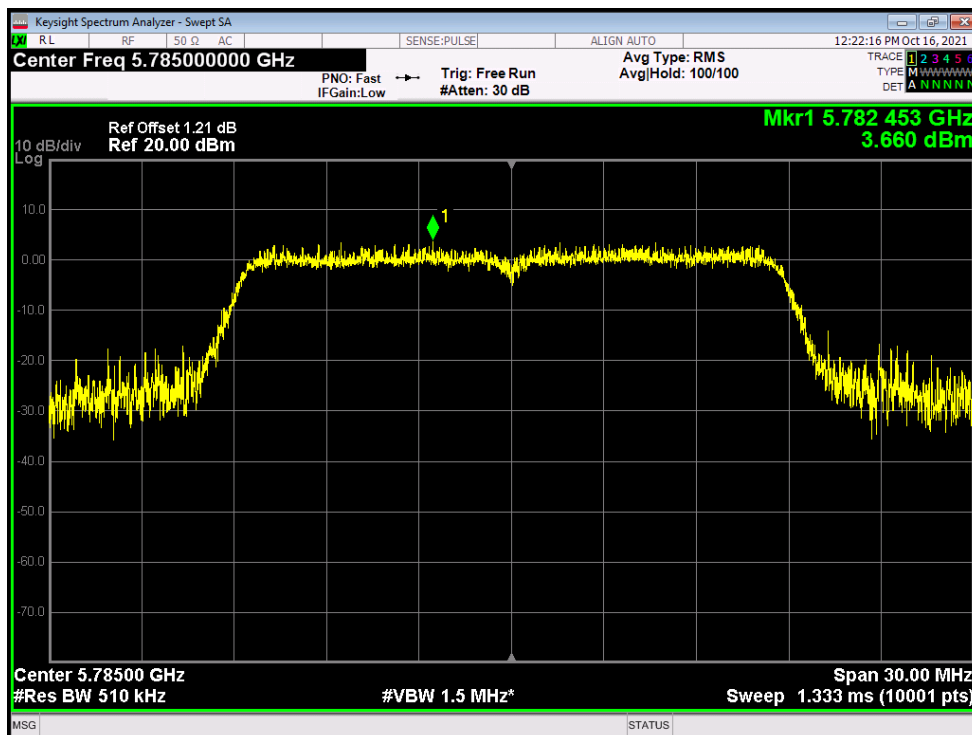
PSD NVNT a 5825MHz Ant1



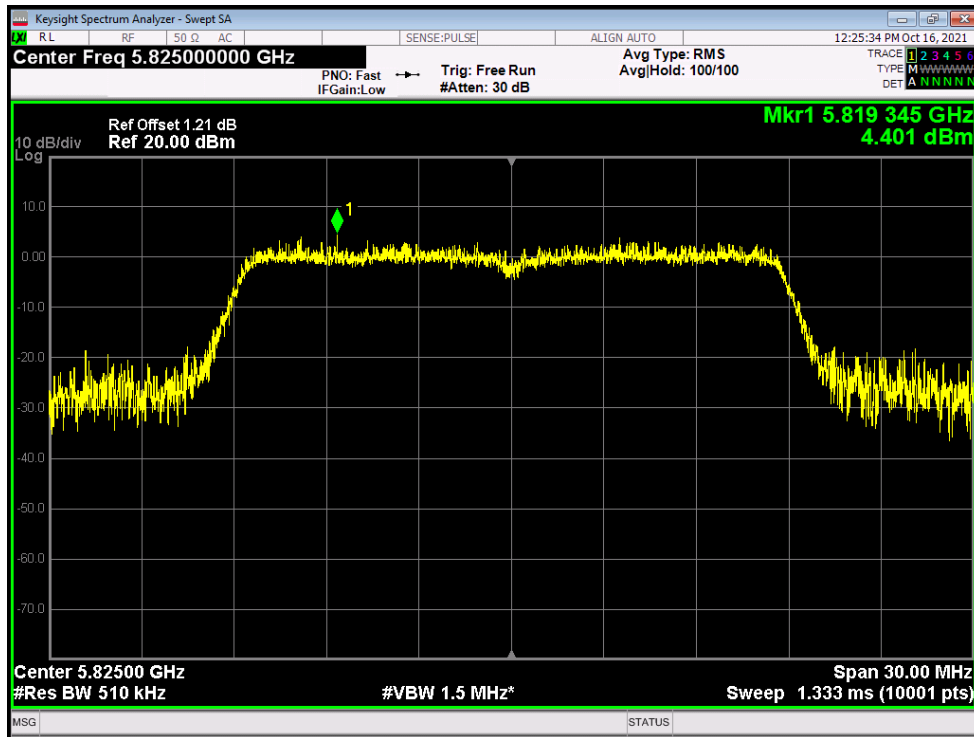
PSD NVNT ac20 5745MHz Ant1



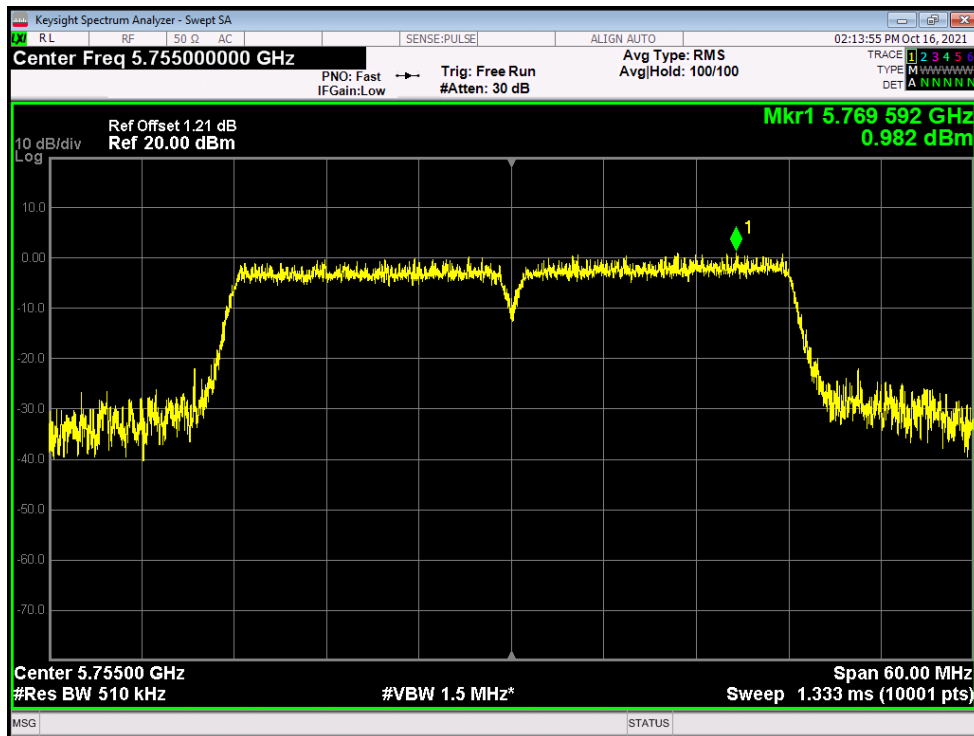
PSD NVNT ac20 5785MHz Ant1



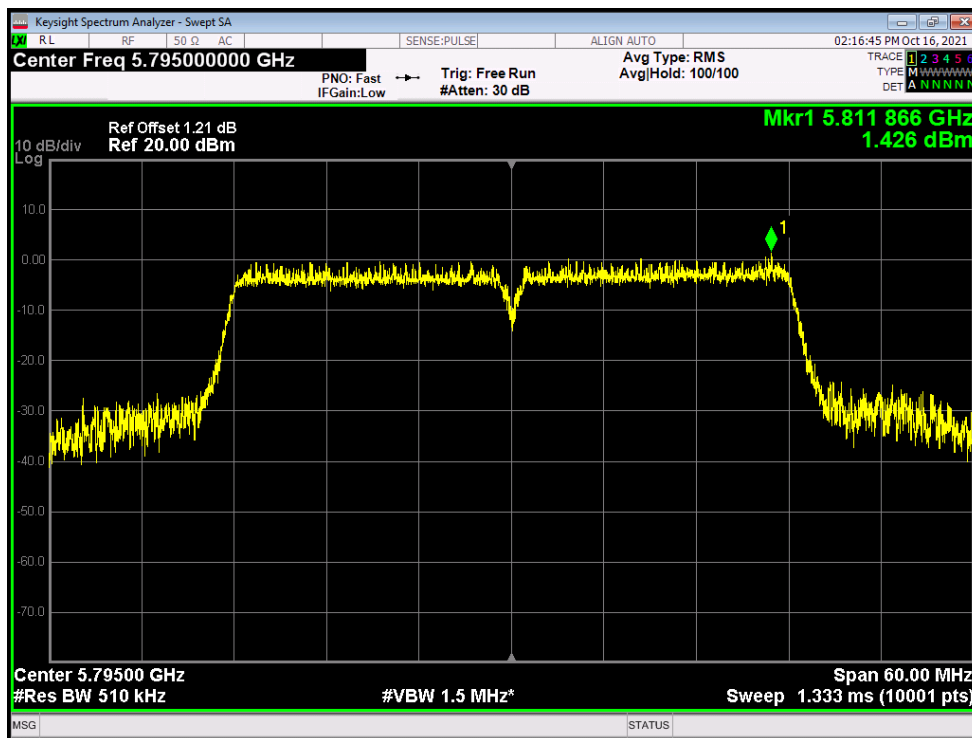
PSD NVNT ac20 5825MHz Ant1



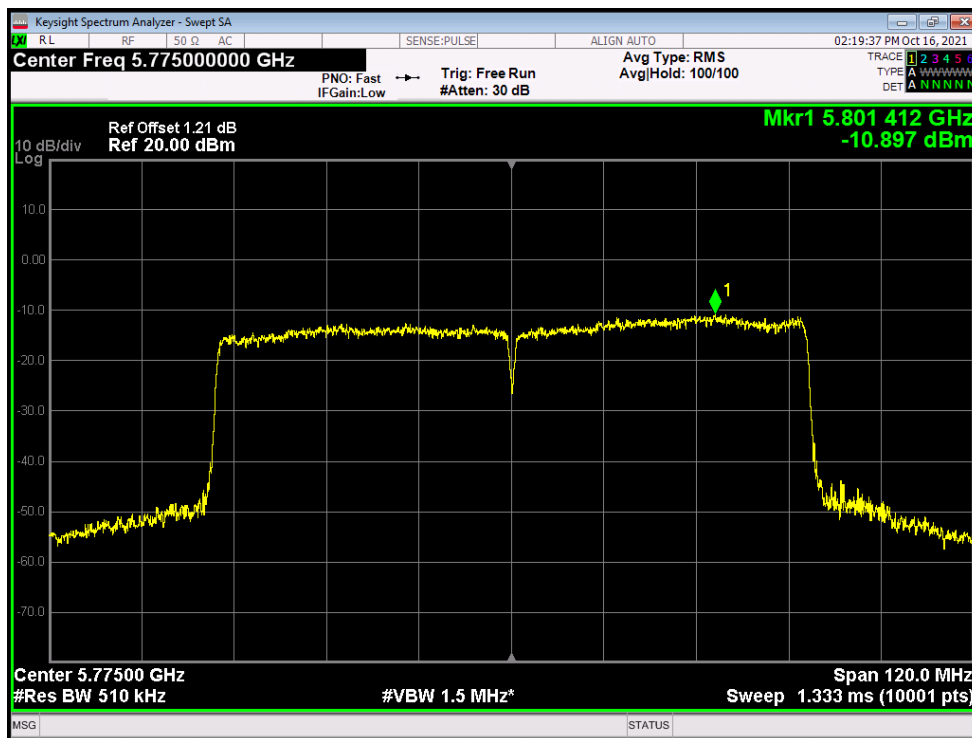
PSD NVNT ac40 5755MHz Ant1



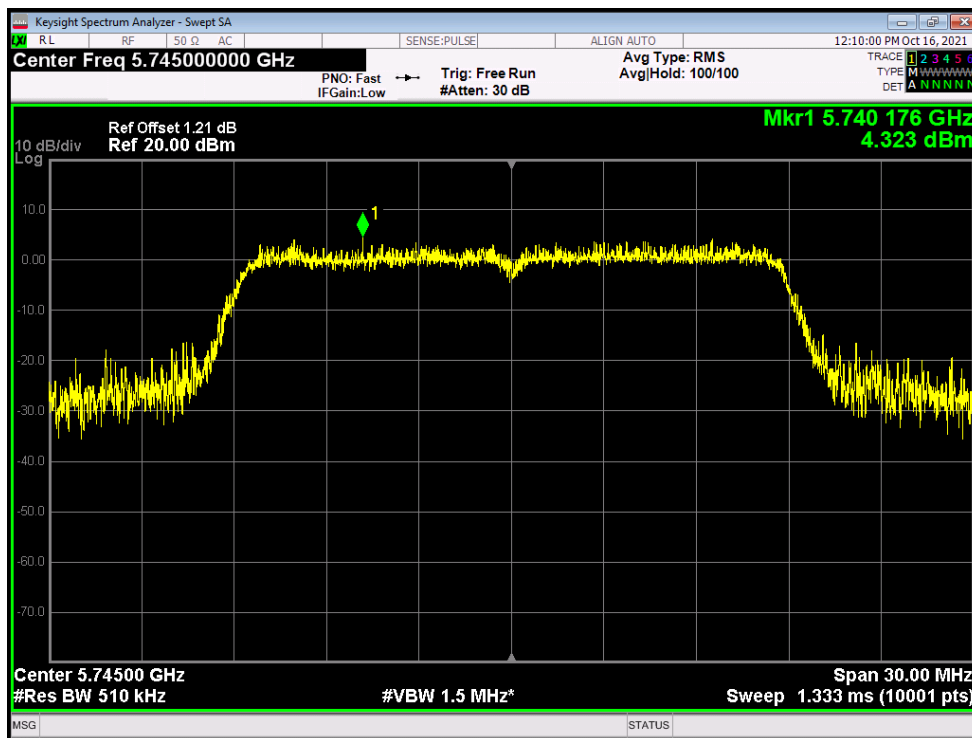
PSD NVNT ac40 5795MHz Ant1



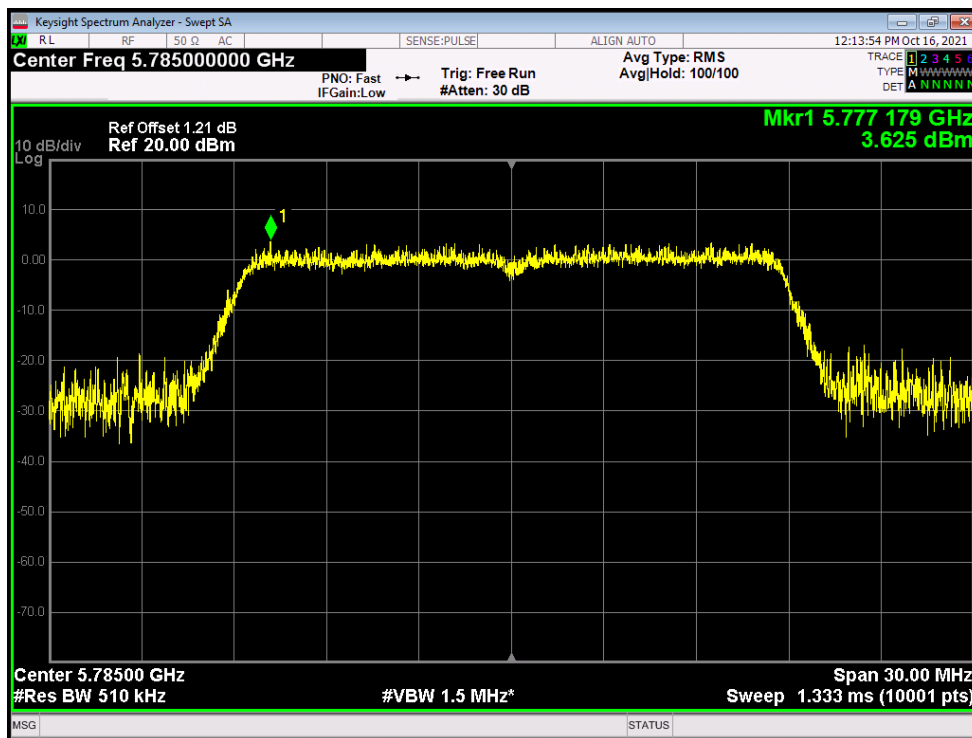
PSD NVNT ac80 5775MHz Ant1



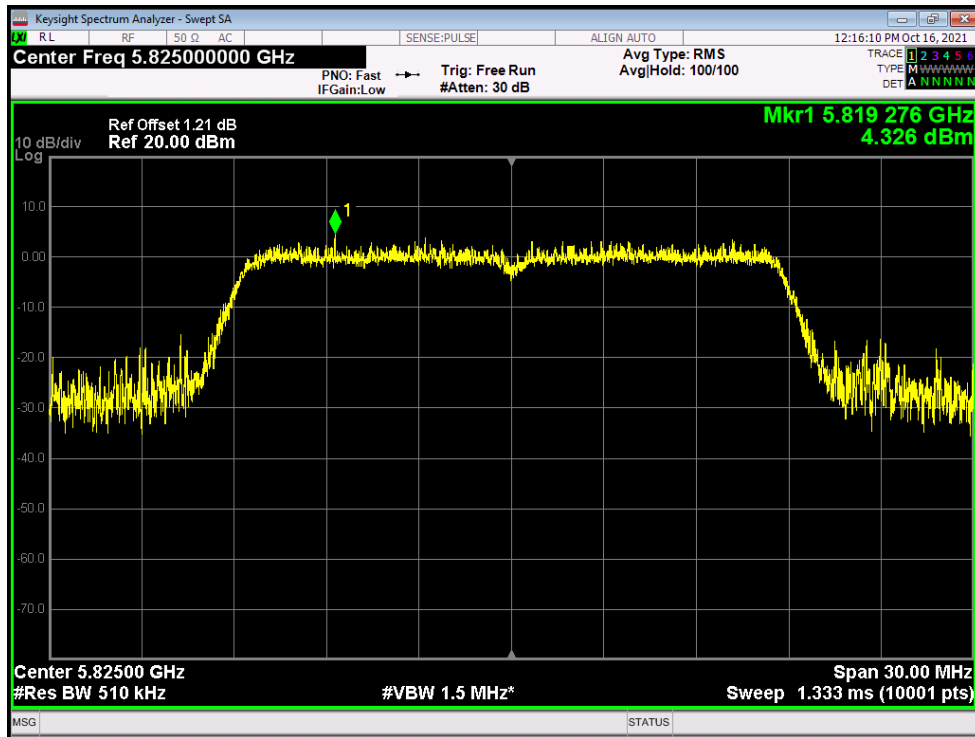
PSD NVNT n20 5745MHz Ant1



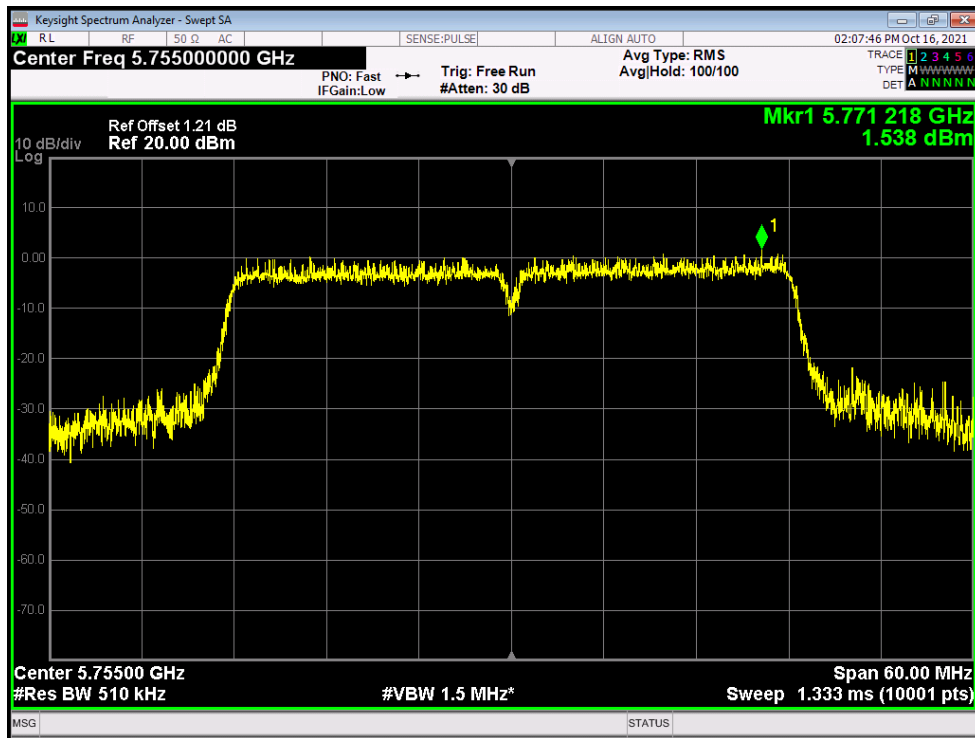
PSD NVNT n20 5785MHz Ant1



PSD NVNT n20 5825MHz Ant1

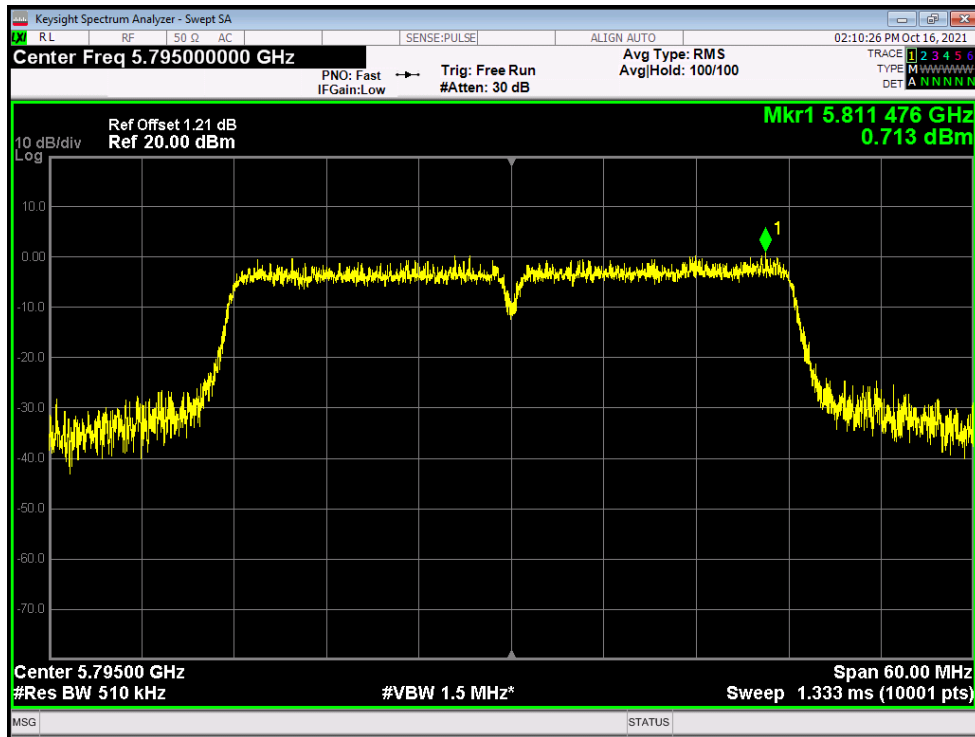


PSD NVNT n40 5755MHz Ant1





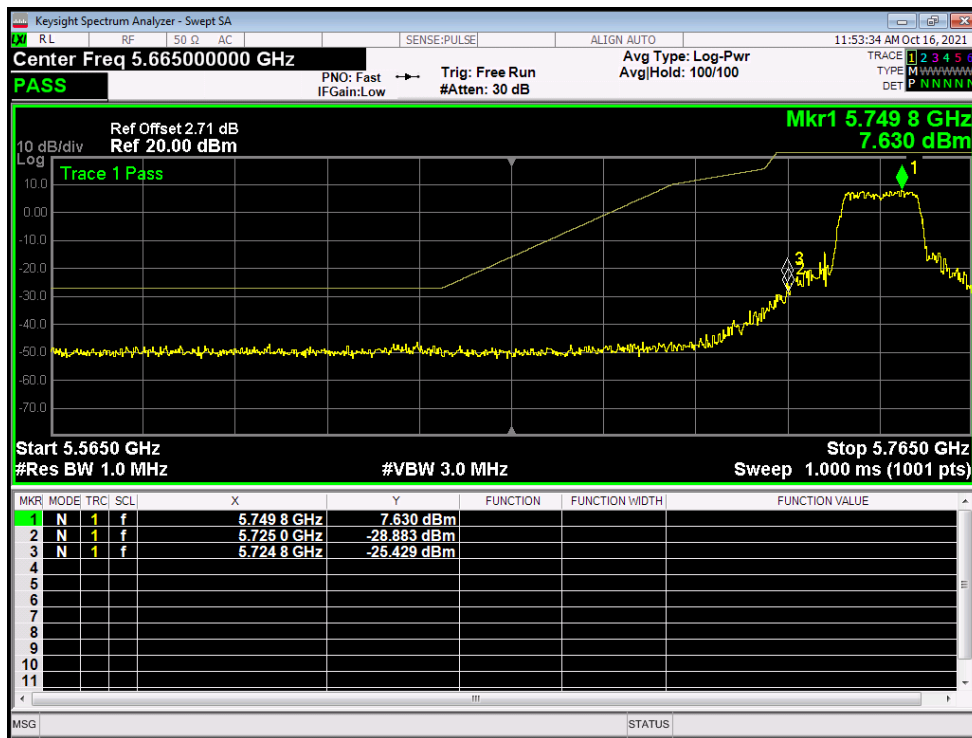
PSD NVNT n40 5795MHz Ant1



**Band Edge**

Condition	Mode	Frequency (MHz)	Antenna	Max Value (dBm)	Limit (dBm)	Verdict
NVNT	a	5745	Ant1	-25.42		Pass
NVNT	a	5825	Ant1	-29.21		Pass
NVNT	ac20	5745	Ant1	-20.12		Pass
NVNT	ac20	5825	Ant1	-30.02		Pass
NVNT	ac40	5755	Ant1	-24.43		Pass
NVNT	ac40	5795	Ant1	-38.33		Pass
NVNT	ac80	5775	Ant1	-39.99		Pass
NVNT	n20	5745	Ant1	-21.33		Pass
NVNT	n20	5825	Ant1	-30.28		Pass
NVNT	n40	5755	Ant1	-24.61		Pass
NVNT	n40	5795	Ant1	-45.21		Pass

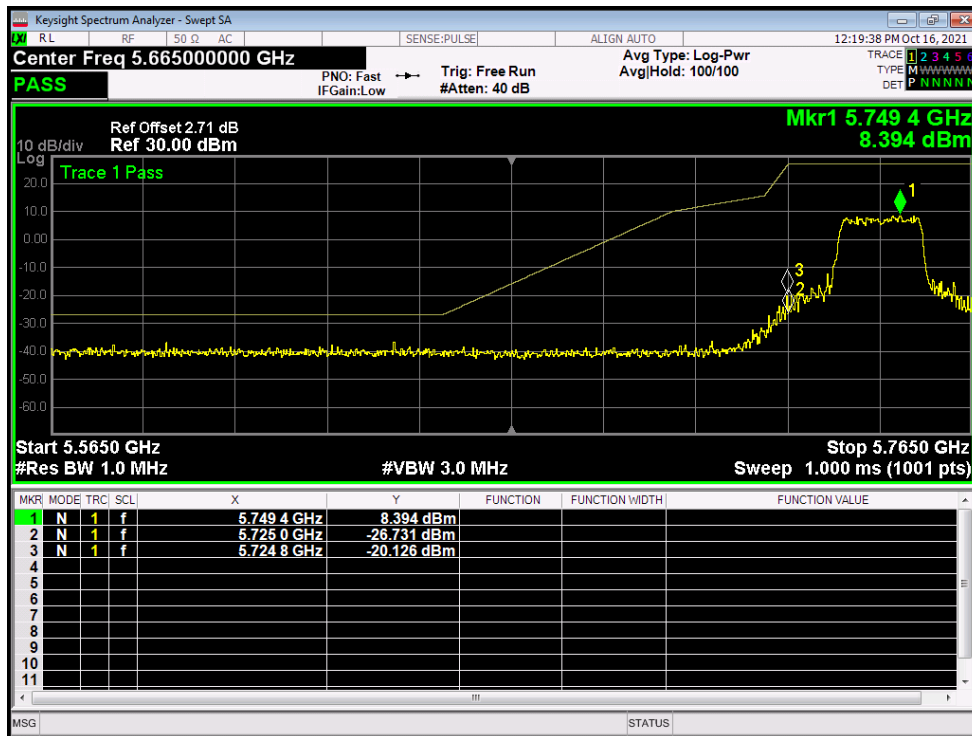
Band Edge NVNT a 5745MHz Low Ant1



Band Edge NVNT a 5825MHz High Ant1



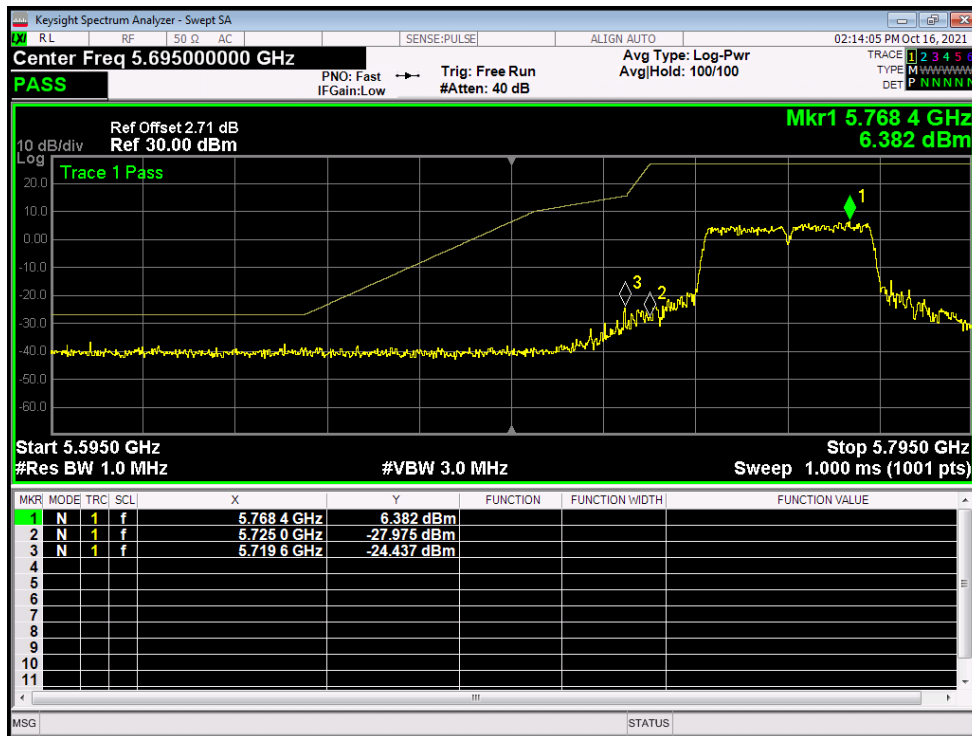
Band Edge NVNT ac20 5745MHz Low Ant1



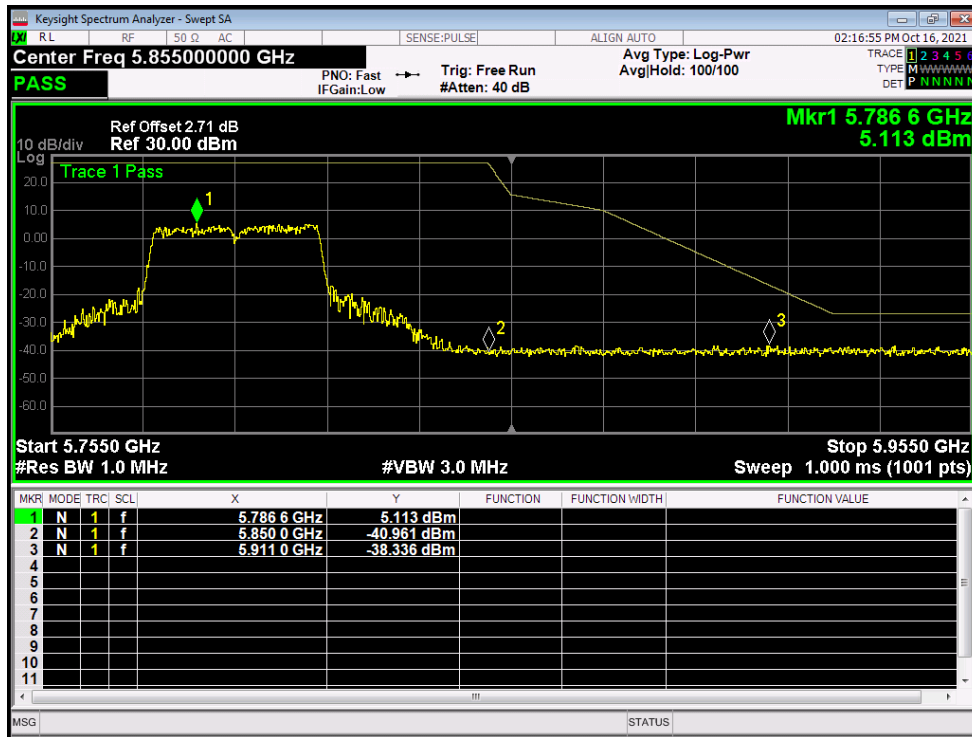
Band Edge NVNT ac20 5825MHz High Ant1



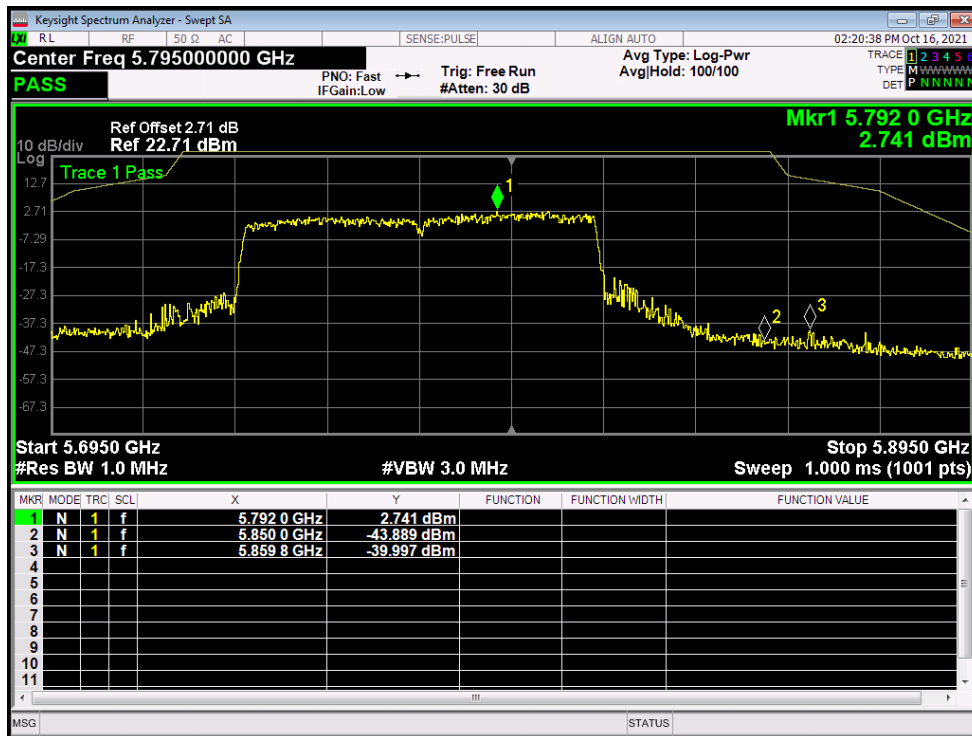
Band Edge NVNT ac40 5755MHz Low Ant1



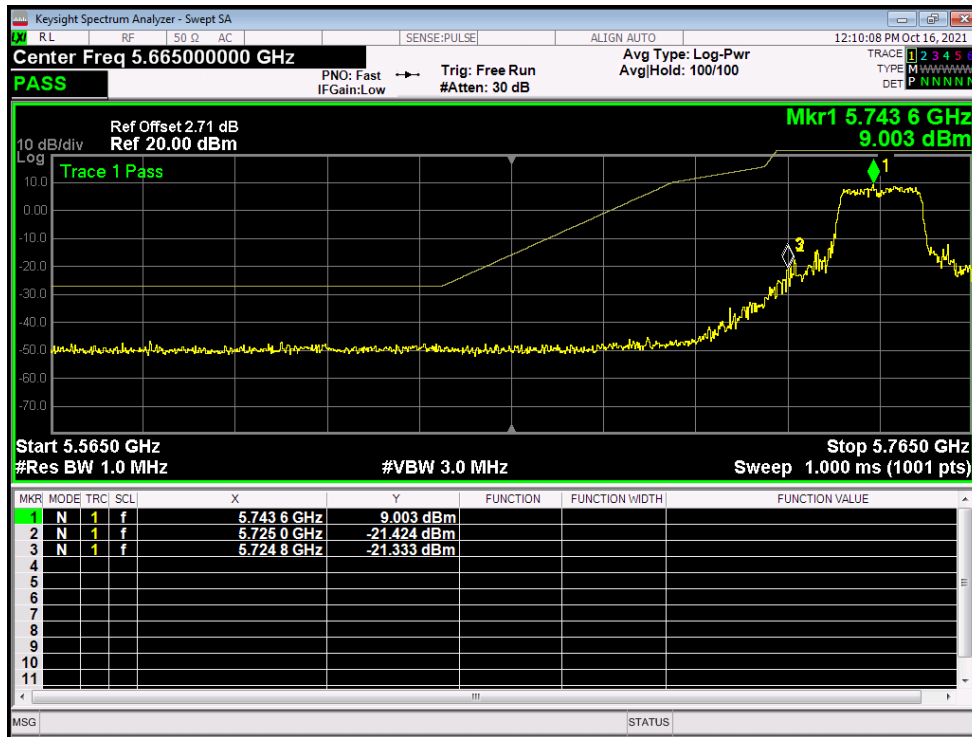
Band Edge NVNT ac40 5795MHz High Ant1



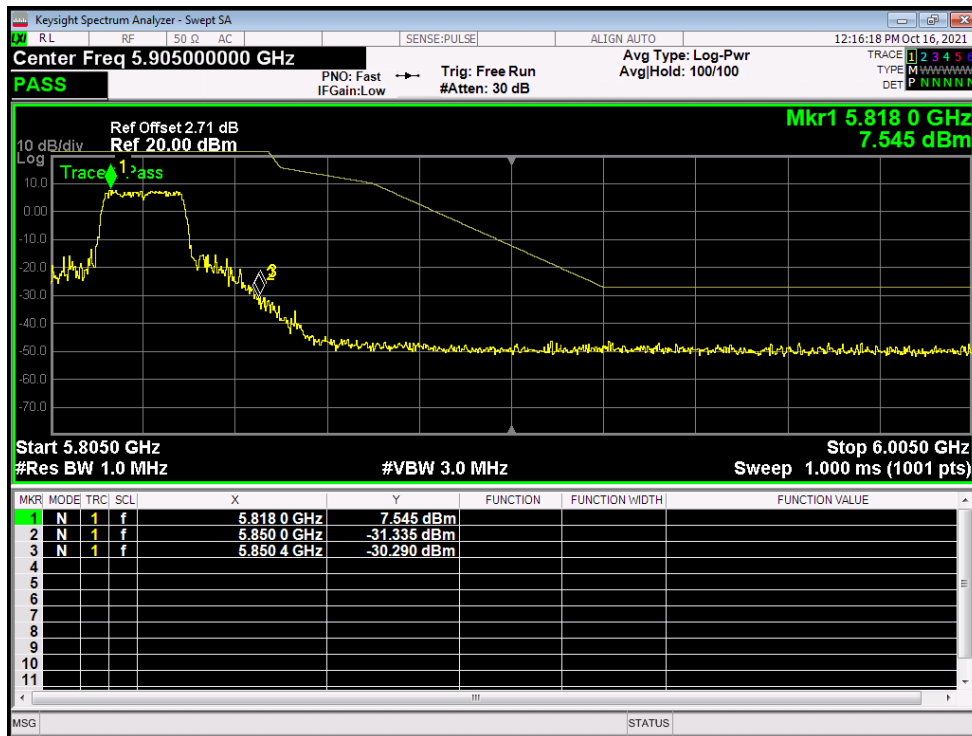
Band Edge NVNT ac80 5775MHz High Ant1



Band Edge NVNT n20 5745MHz Low Ant1



Band Edge NVNT n20 5825MHz High Ant1



Band Edge NVNT n40 5755MHz Low Ant1



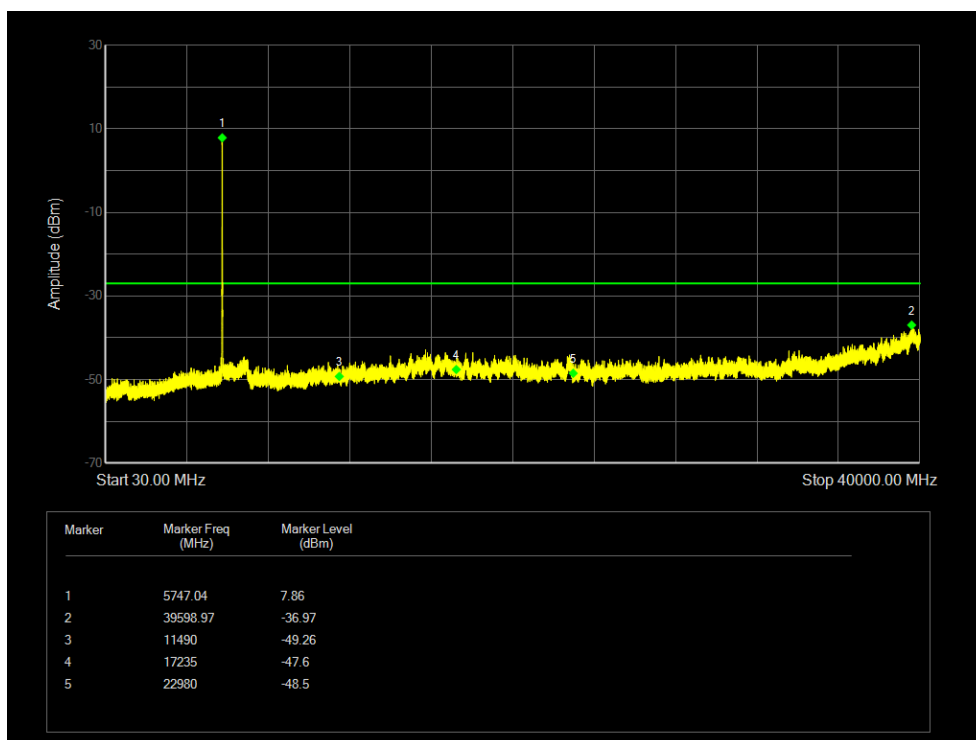
Band Edge NVNT n40 5795MHz High Ant1



**Conducted RF Spurious Emission**

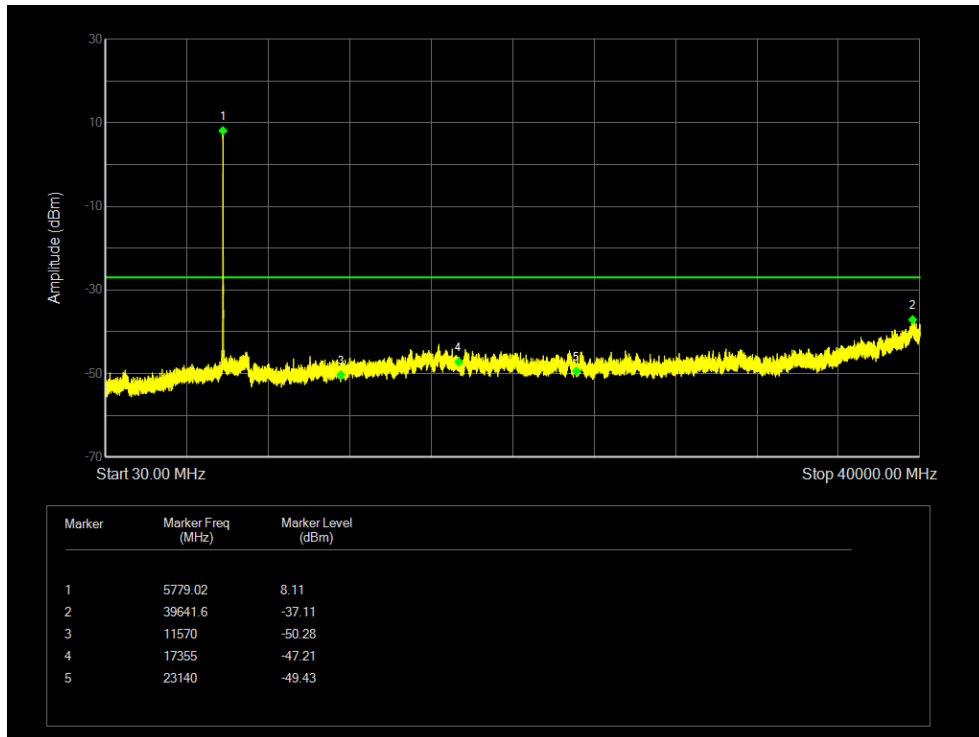
Condition	Mode	Frequency (MHz)	Antenna	Max Value (dBc)	Limit (dBc)	Verdict
NVNT	802.11a	5745	Ant 1	-36.97	-27	Pass
NVNT	802.11a	5785	Ant 1	-37.11	-27	Pass
NVNT	802.11a	5825	Ant 1	-37.85	-27	Pass
NVNT	802.11ac20	5745	Ant 1	-36.97	-27	Pass
NVNT	802.11ac20	5785	Ant 1	-37.83	-27	Pass
NVNT	802.11ac20	5825	Ant 1	-38.06	-27	Pass
NVNT	802.11ac40	5755	Ant 1	-38.25	-27	Pass
NVNT	802.11ac40	5795	Ant 1	-37.63	-27	Pass
NVNT	802.11ac80	5775	Ant 1	-37.65	-27	Pass
NVNT	802.11n(HT20)	5745	Ant 1	-37.79	-27	Pass
NVNT	802.11n(HT20)	5785	Ant 1	-37.99	-27	Pass
NVNT	802.11n(HT20)	5825	Ant 1	-37.57	-27	Pass
NVNT	802.11n(HT40)	5755	Ant 1	-37.2	-27	Pass
NVNT	802.11n(HT40)	5795	Ant 1	-36.68	-27	Pass

Tx. Spurious NVNT 802.11a 5745MHz Ant1 Emission

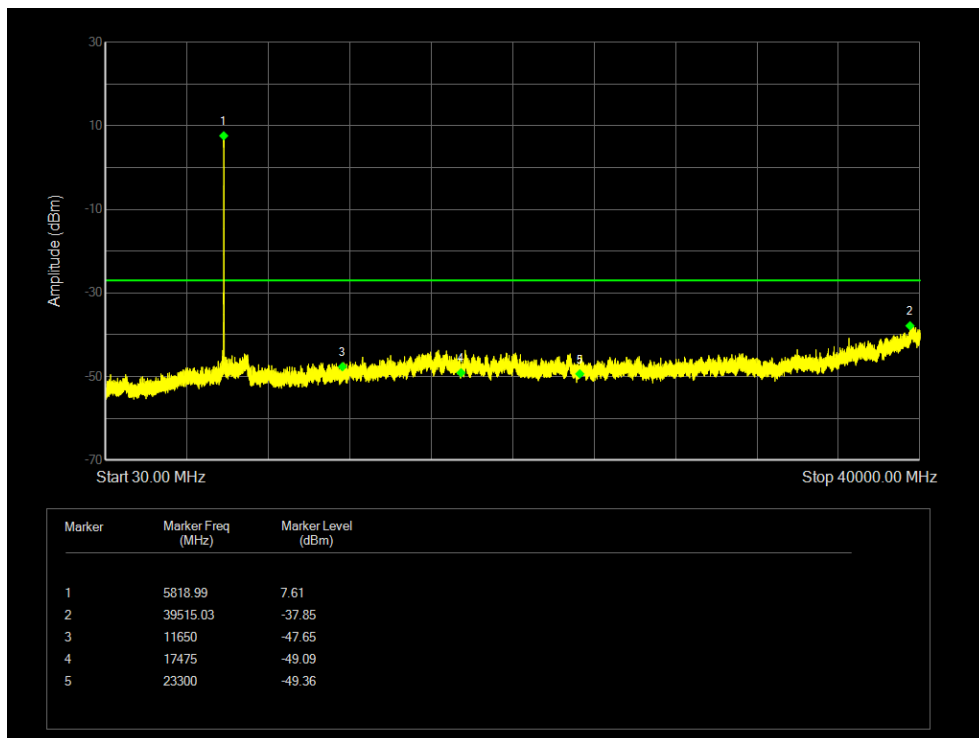




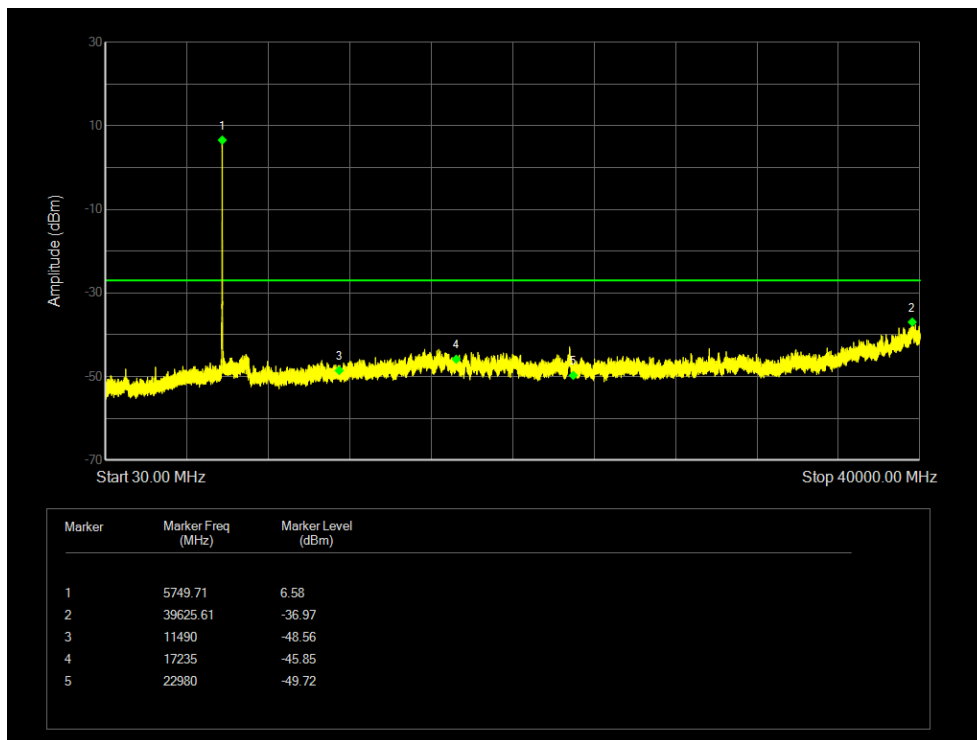
Tx. Spurious NVNT 802.11a 5785MHz Ant1 Emission



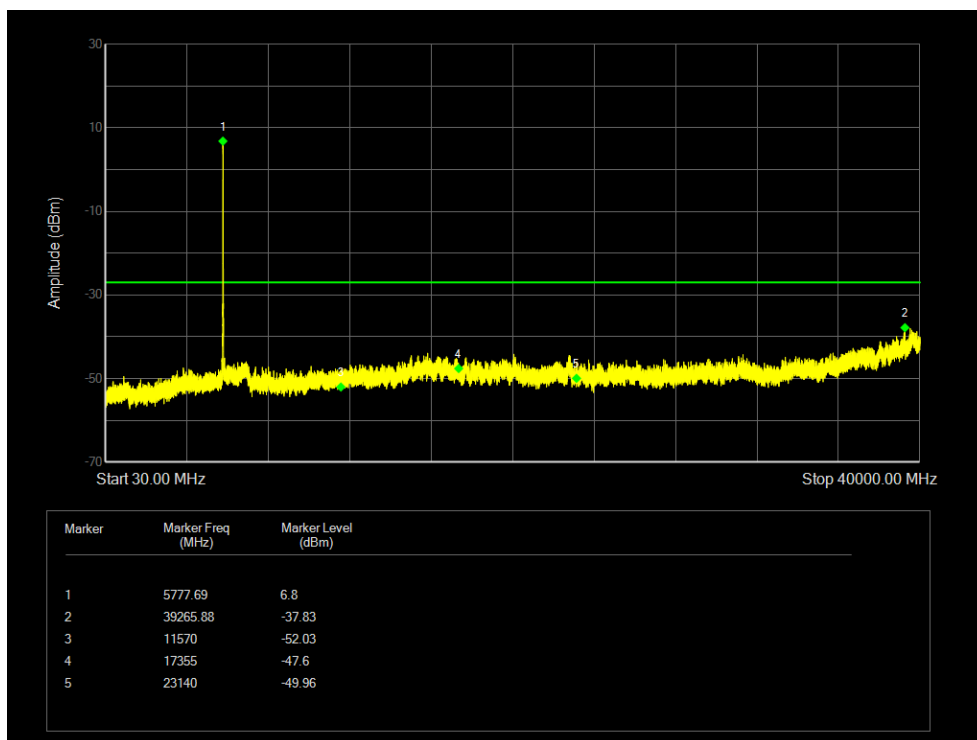
Tx. Spurious NVNT 802.11a 5825MHz Ant1 Emission



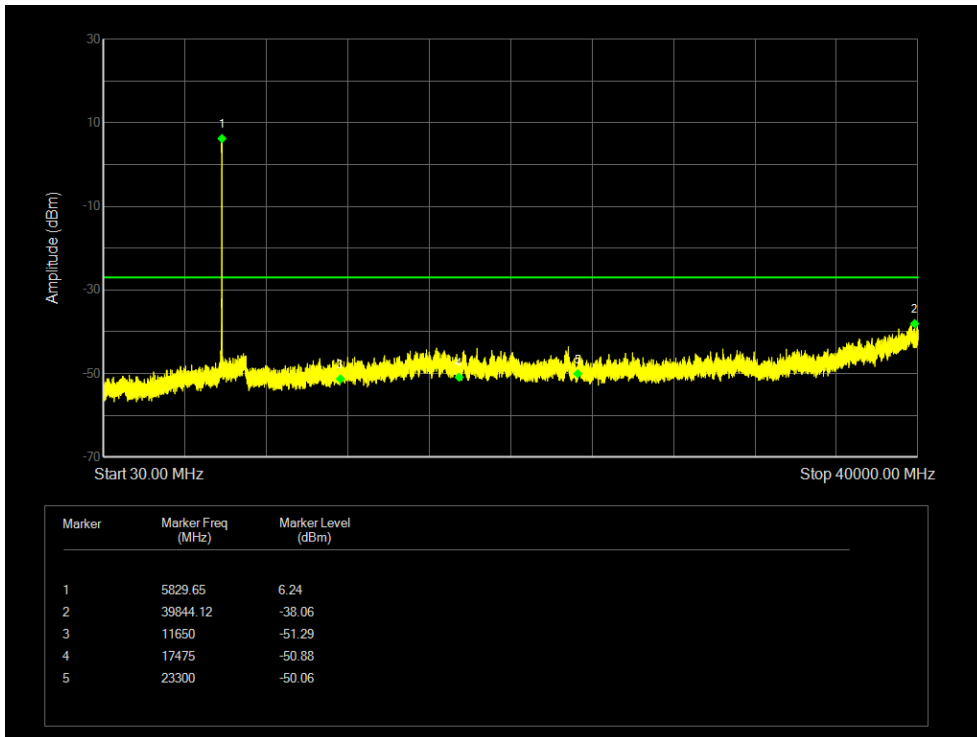
Tx. Spurious NVNT 802.11ac20 5745MHz Ant1 Emission



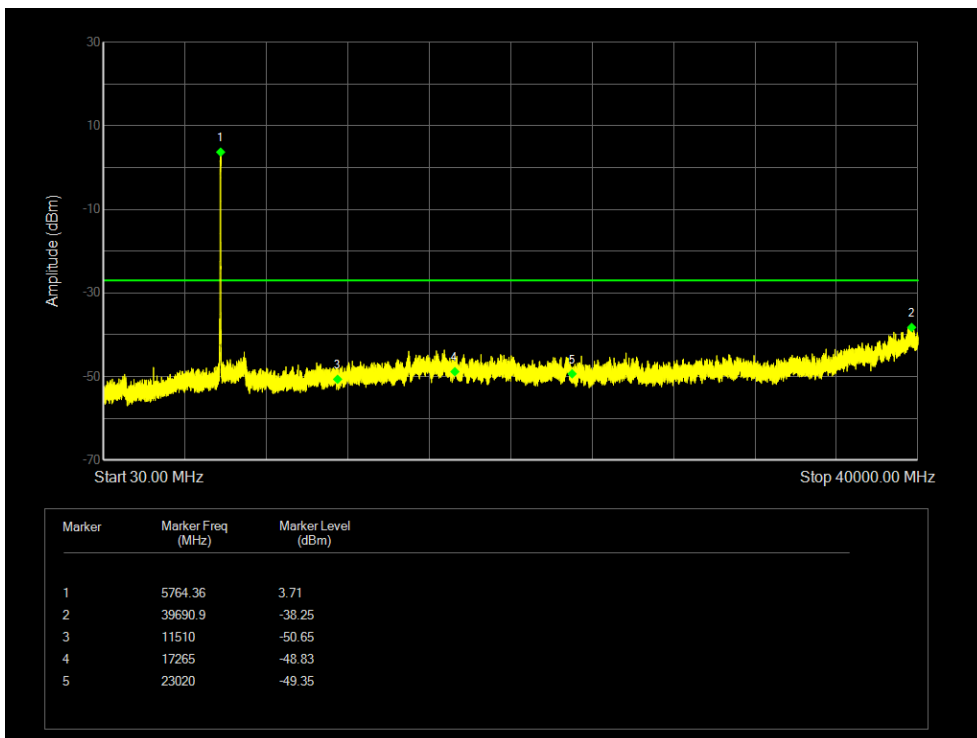
Tx. Spurious NVNT 802.11ac20 5785MHz Ant1 Emission



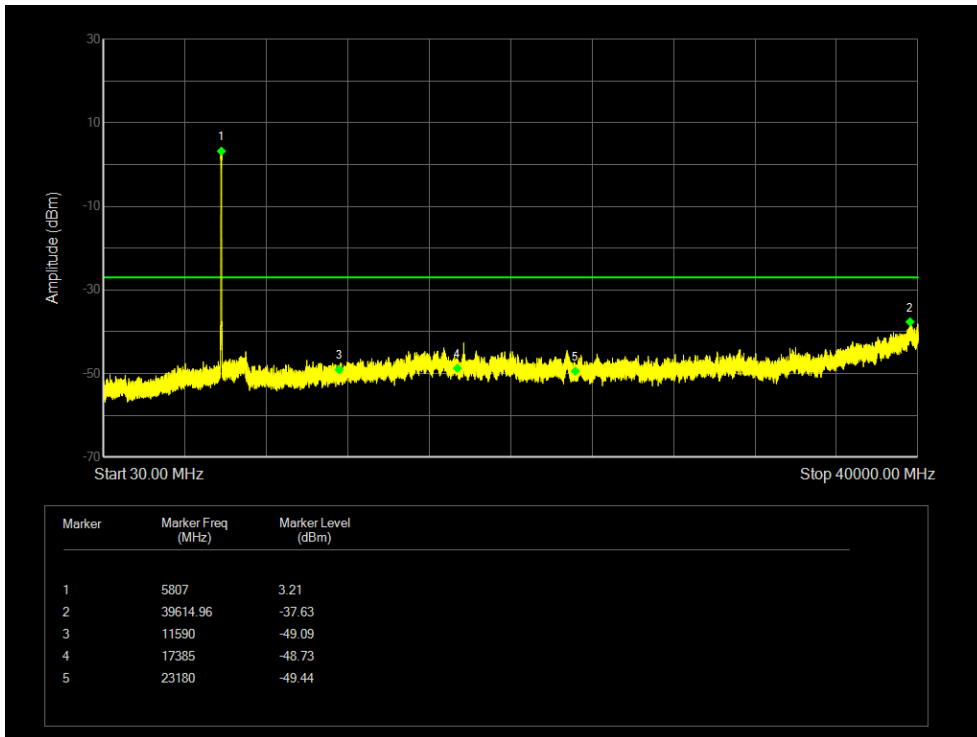
Tx. Spurious NVNT 802.11ac20 5825MHz Ant1 Emission



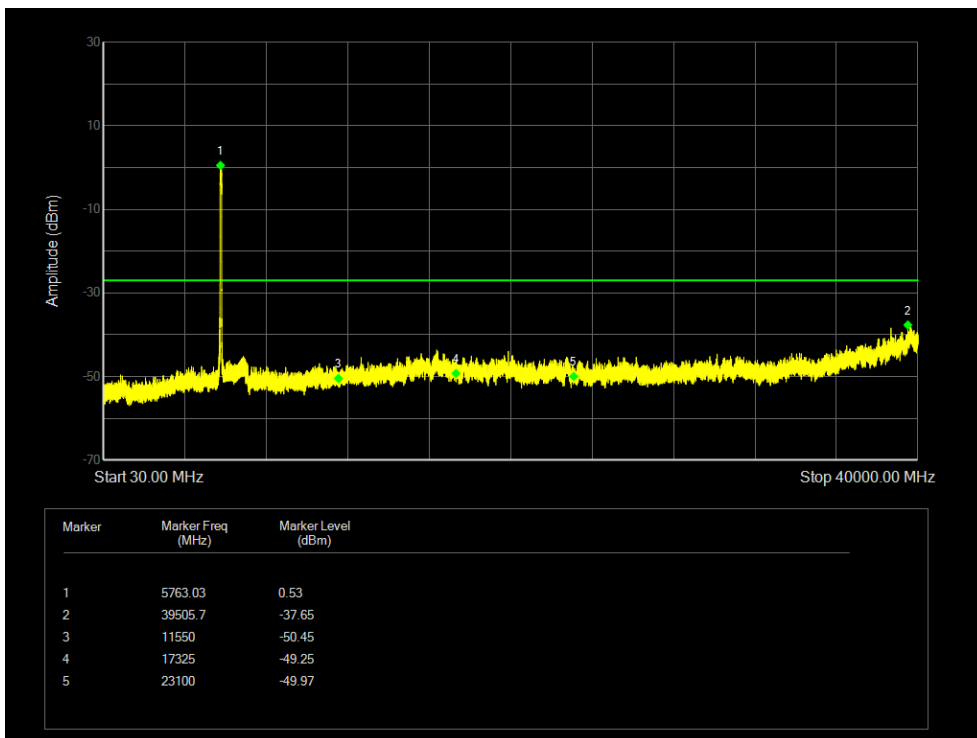
Tx. Spurious NVNT 802.11ac40 5755MHz Ant1 Emission



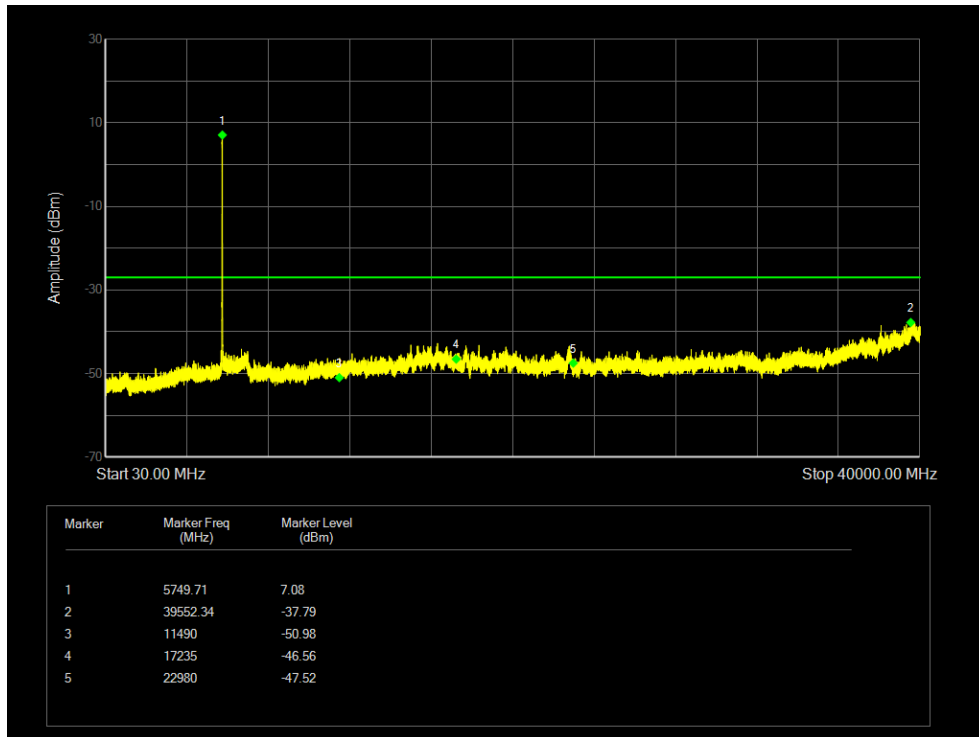
Tx. Spurious NVNT 802.11ac40 5795MHz Ant1 Emission



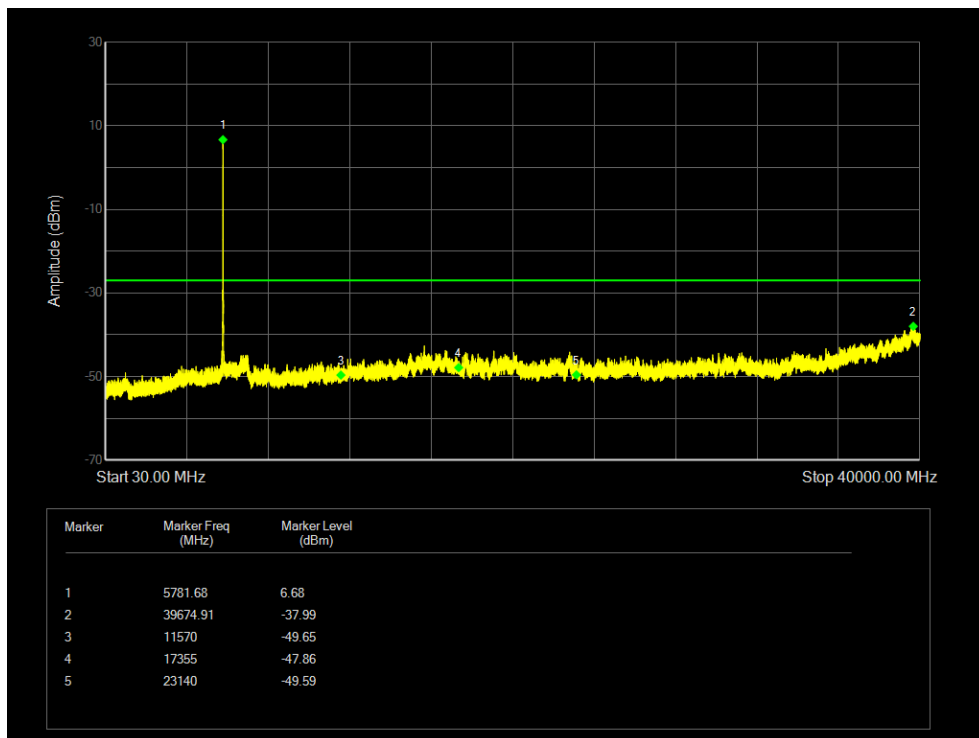
Tx. Spurious NVNT 802.11ac80 5775MHz Ant1 Emission



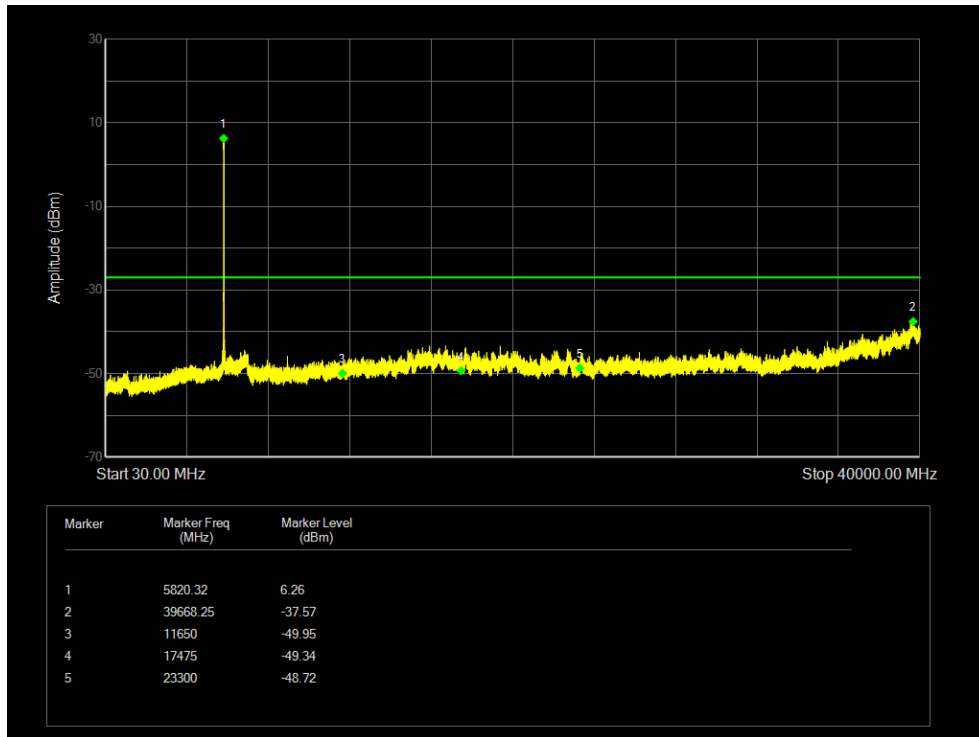
Tx. Spurious NVNT 802.11n(HT20) 5745MHz Ant1 Emission



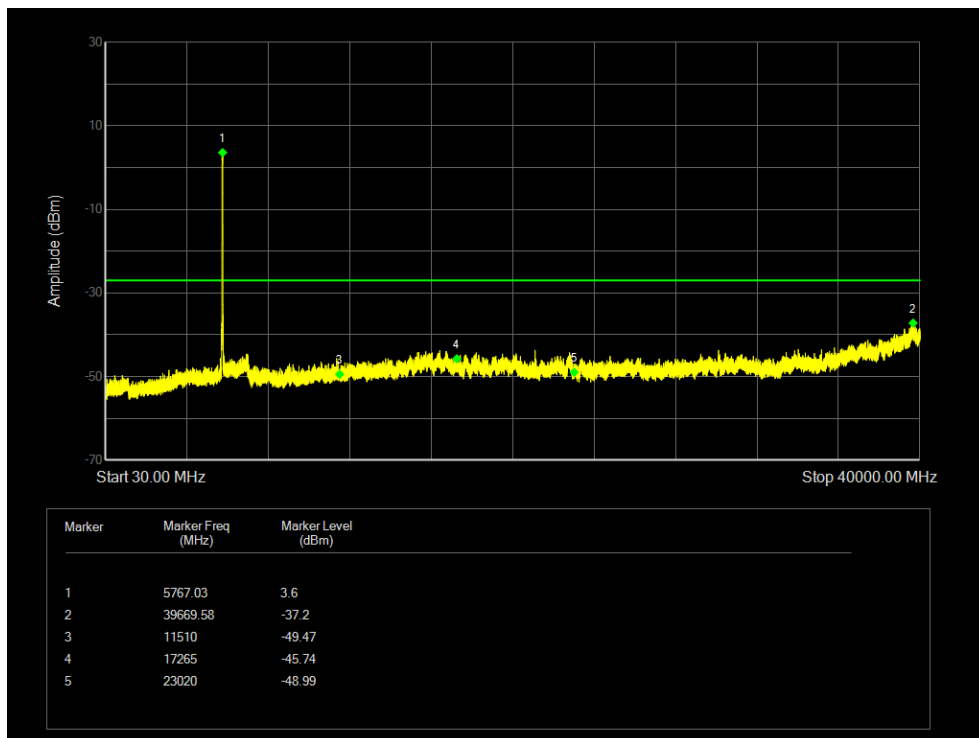
Tx. Spurious NVNT 802.11n(HT20) 5785MHz Ant1 Emission



Tx. Spurious NVNT 802.11n(HT20) 5825MHz Ant1 Emission



Tx. Spurious NVNT 802.11n(HT40) 5755MHz Ant1 Emission



Tx. Spurious NVNT 802.11n(HT40) 5795MHz Ant1 Emission

