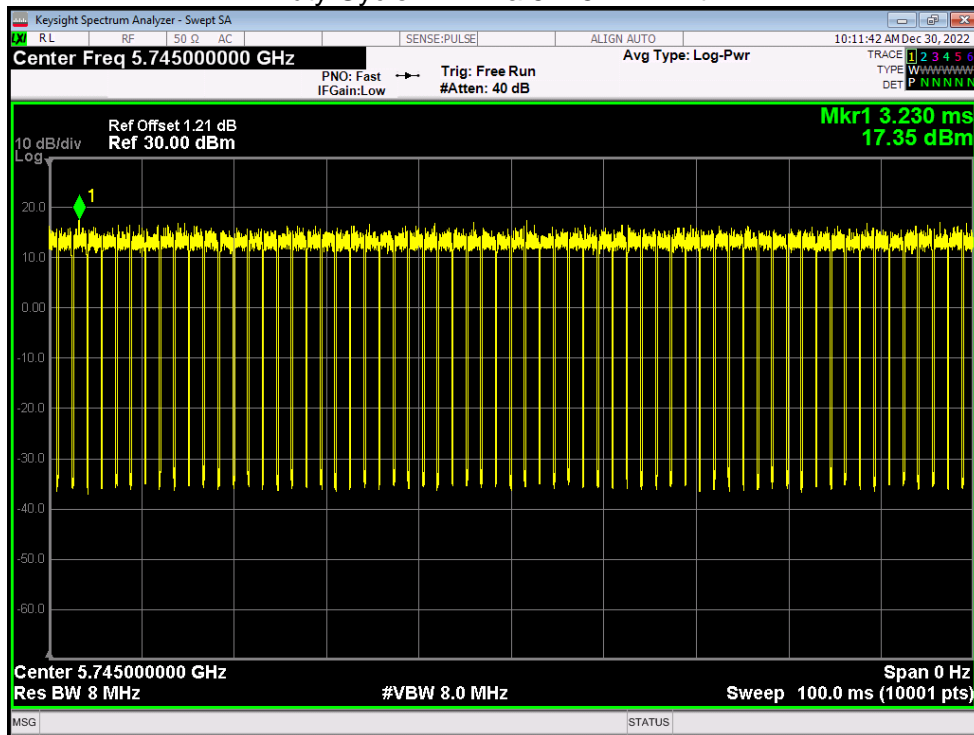


5.8G WIFI

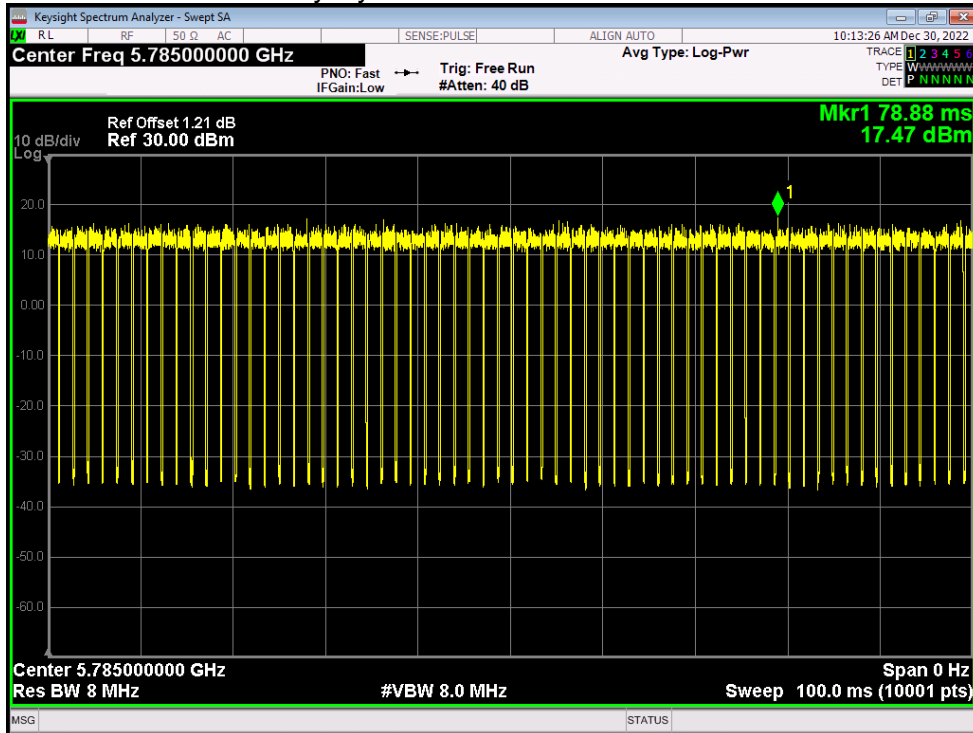
5.1 DUTY CYCLE

Condition	Mode	Frequency (MHz)	Antenna	Duty Cycle (%)	Correction Factor (dB)
NVNT	a	5745	Ant1	88.93	0.51
NVNT	a	5785	Ant1	88.86	0.51
NVNT	a	5825	Ant1	88.34	0.54
NVNT	ac20	5745	Ant1	85.87	0.66
NVNT	ac20	5785	Ant1	86.77	0.62
NVNT	ac20	5825	Ant1	86.98	0.61
NVNT	ac40	5755	Ant1	76.57	1.16
NVNT	ac40	5795	Ant1	76.83	1.14
NVNT	ac80	5775	Ant1	56.96	2.44
NVNT	n20	5745	Ant1	87.28	0.59
NVNT	n20	5785	Ant1	87.47	0.58
NVNT	n20	5825	Ant1	86.97	0.61
NVNT	n40	5755	Ant1	76.69	1.15
NVNT	n40	5795	Ant1	76.78	1.15

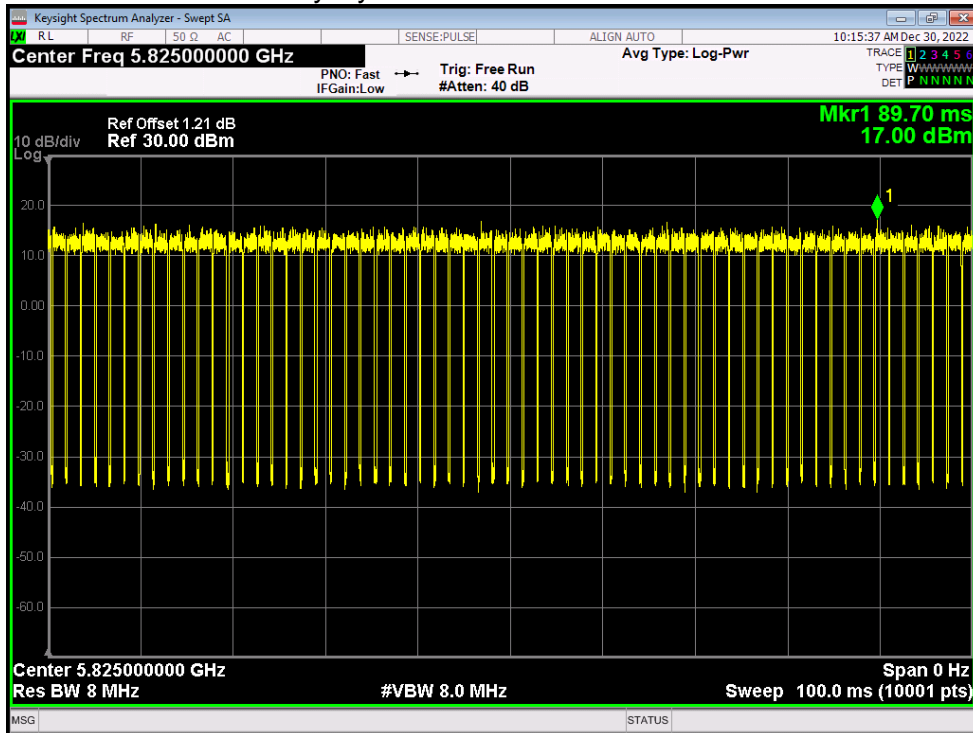
Duty Cycle NVNT a 5745MHz Ant1



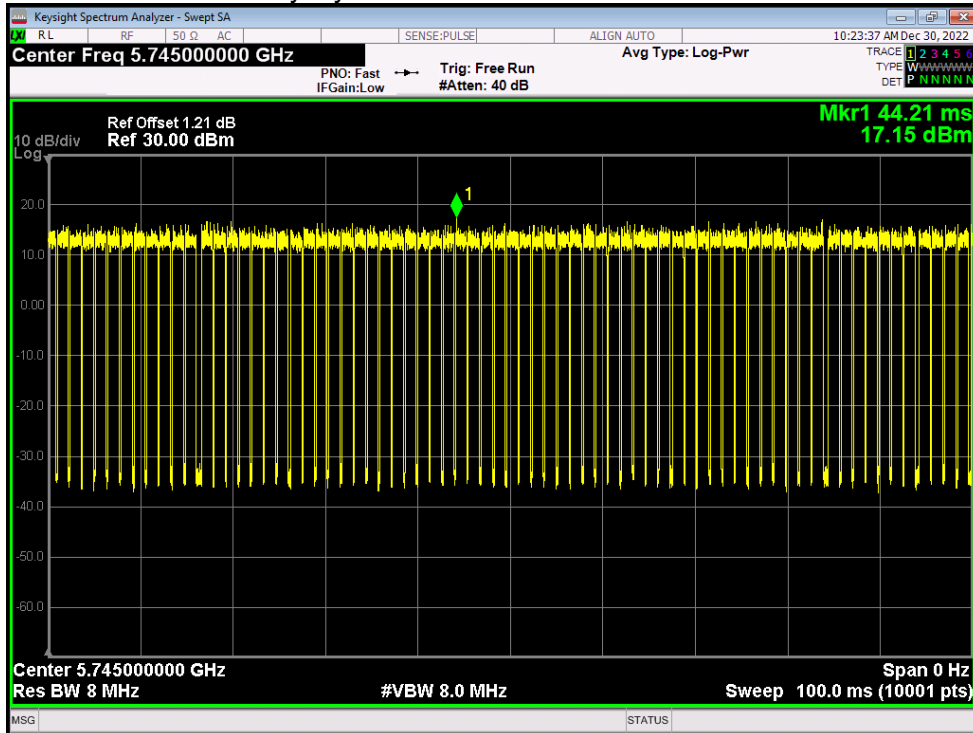
Duty Cycle NVNT a 5785MHz Ant1



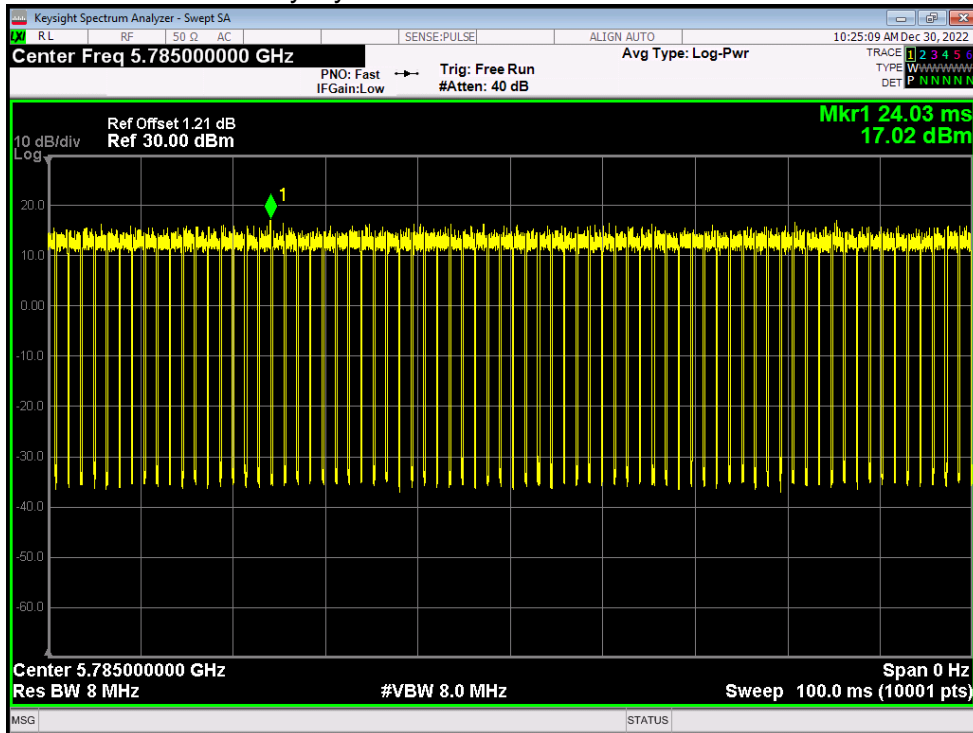
Duty Cycle NVNT a 5825MHz Ant1



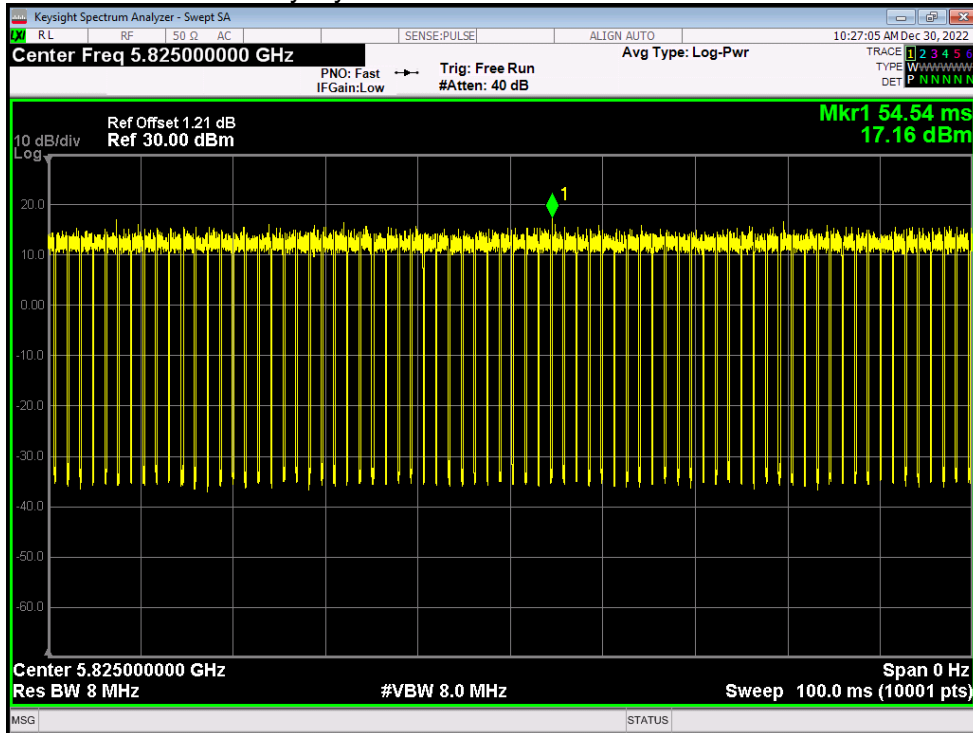
Duty Cycle NVNT ac20 5745MHz Ant1



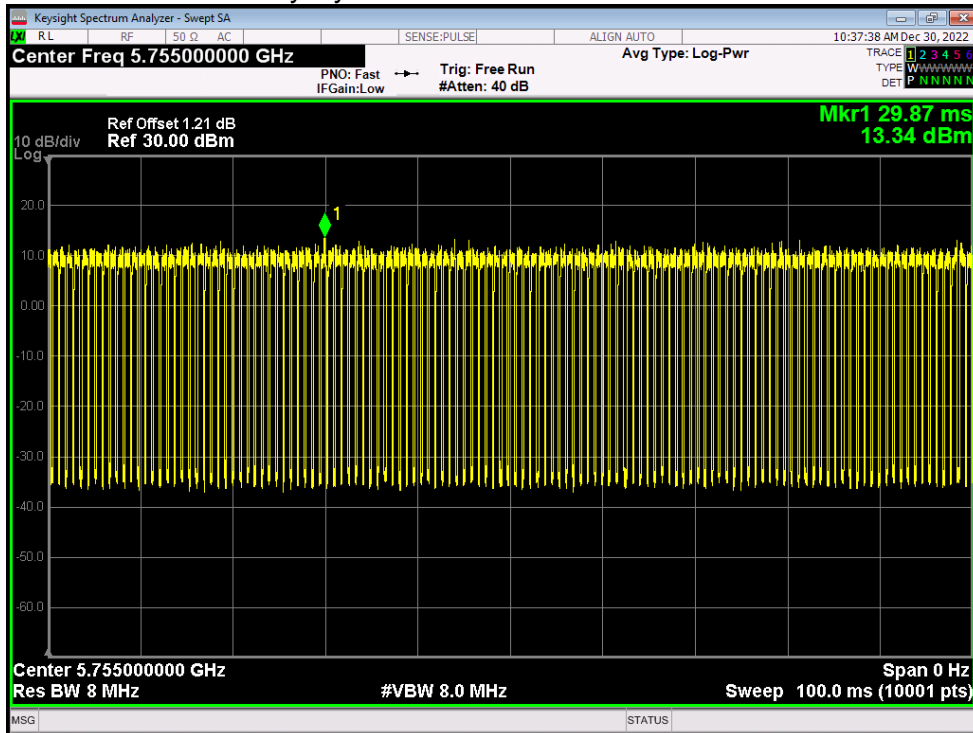
Duty Cycle NVNT ac20 5785MHz Ant1



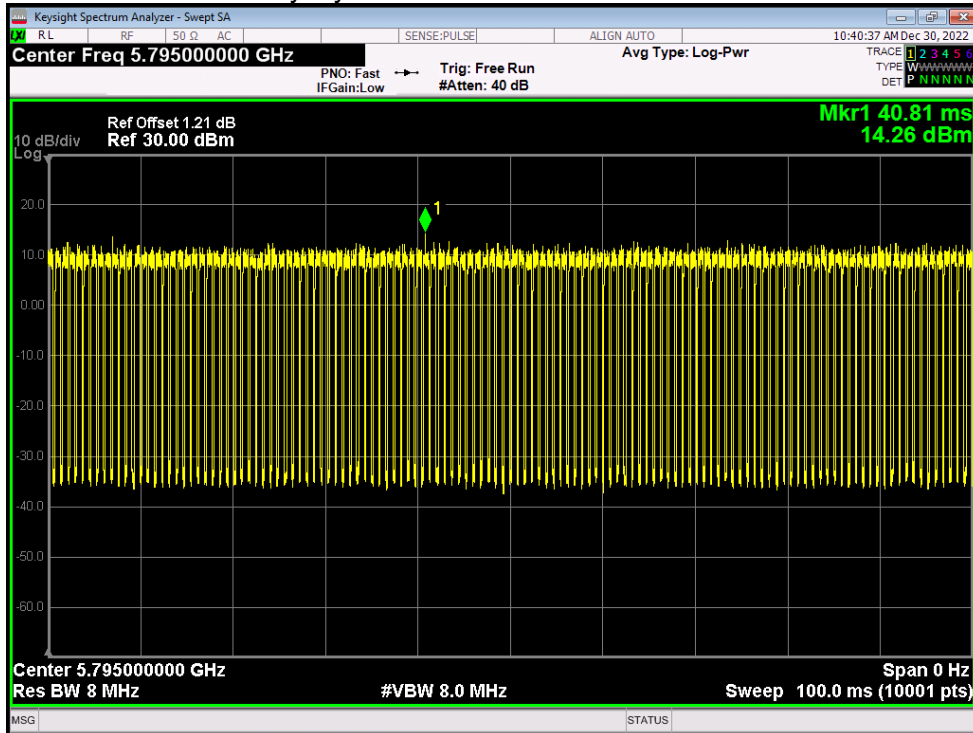
Duty Cycle NVNT ac20 5825MHz Ant1



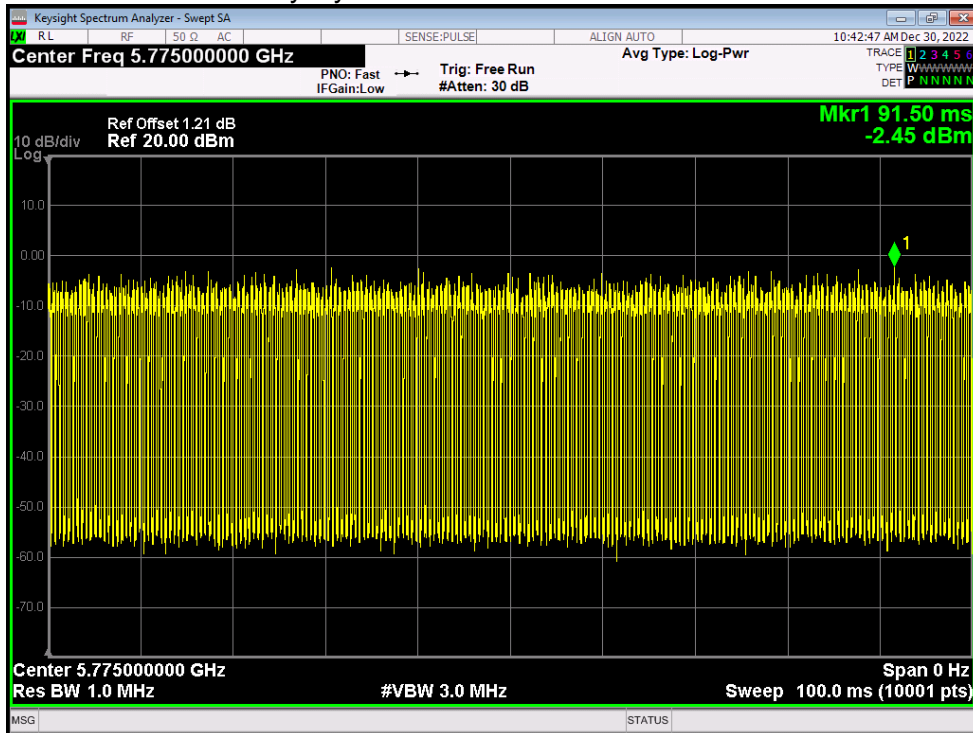
Duty Cycle NVNT ac40 5755MHz Ant1



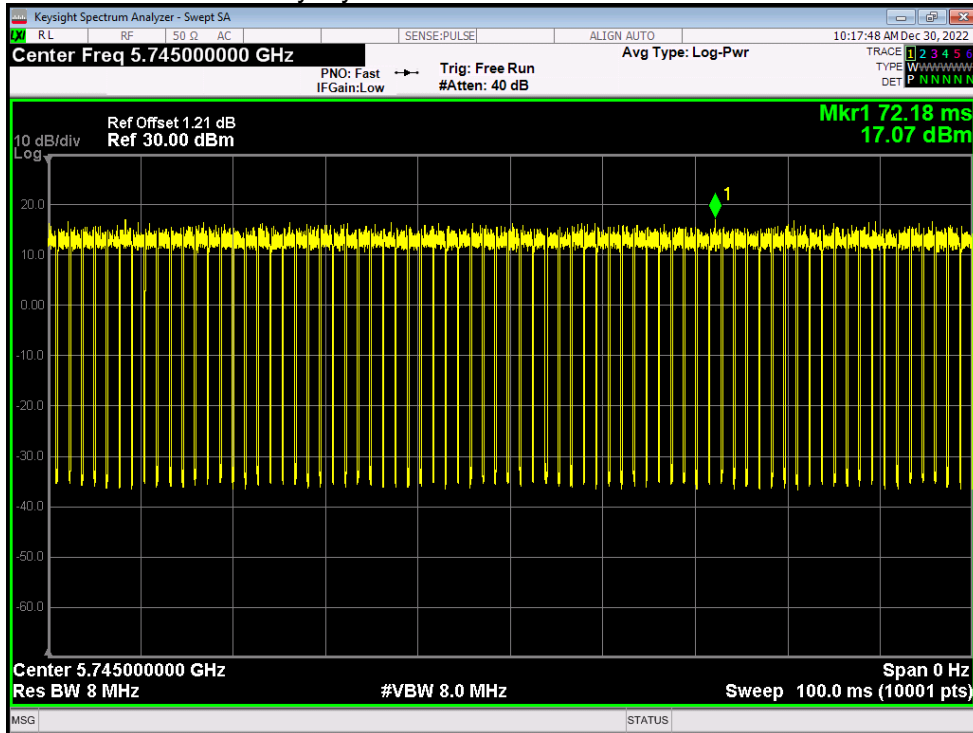
Duty Cycle NVNT ac40 5795MHz Ant1



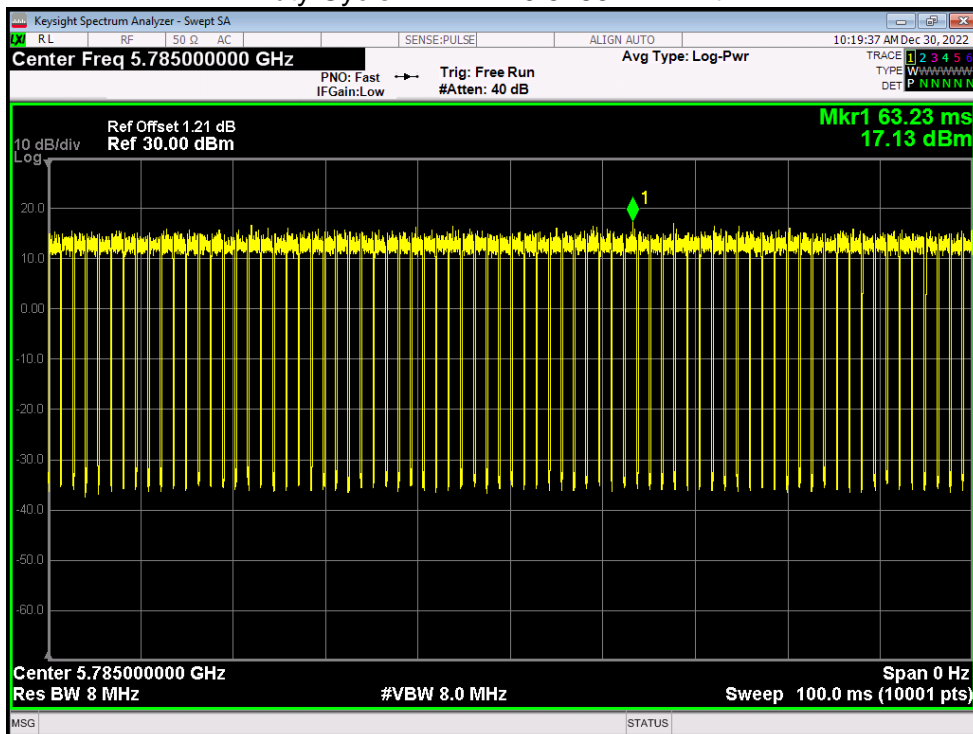
Duty Cycle NVNT ac80 5775MHz Ant1



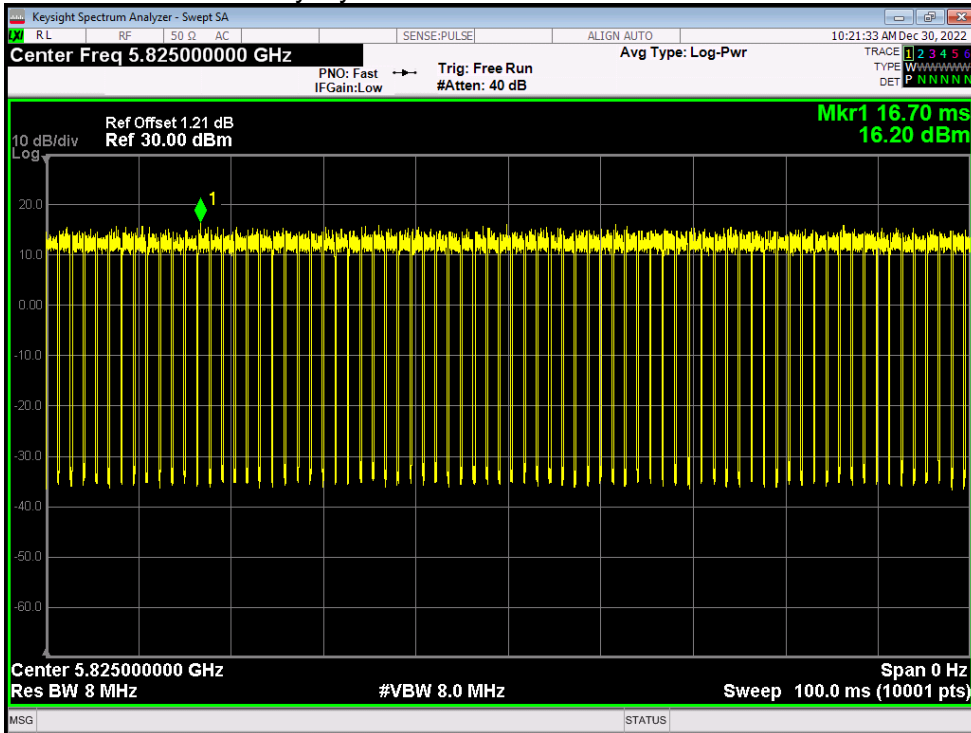
Duty Cycle NVNT n20 5745MHz Ant1



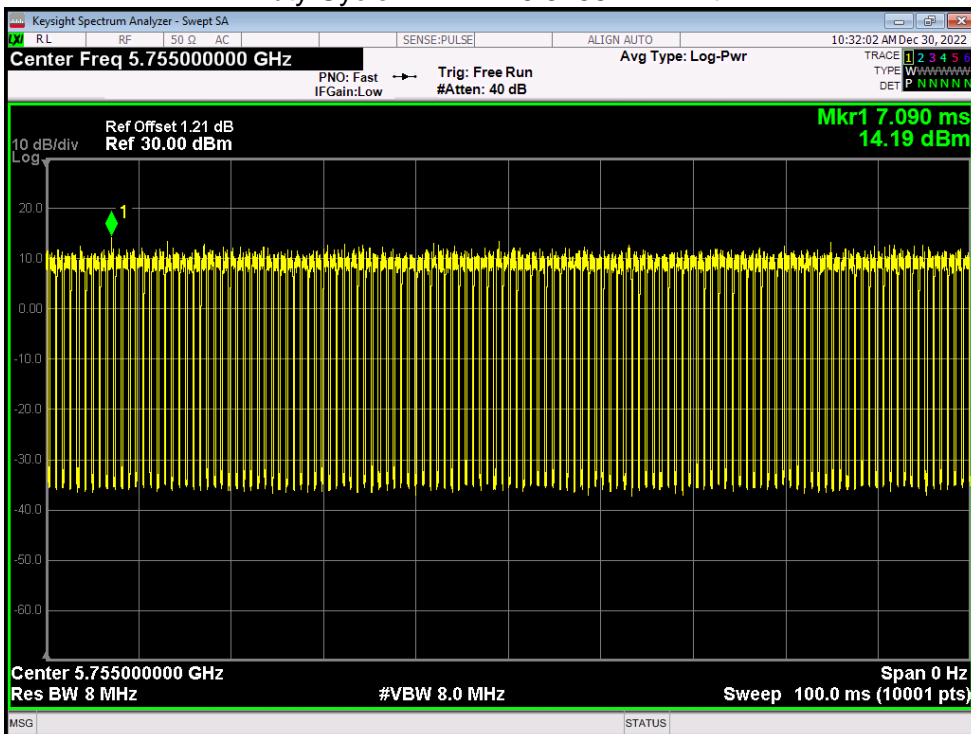
Duty Cycle NVNT n20 5785MHz Ant1



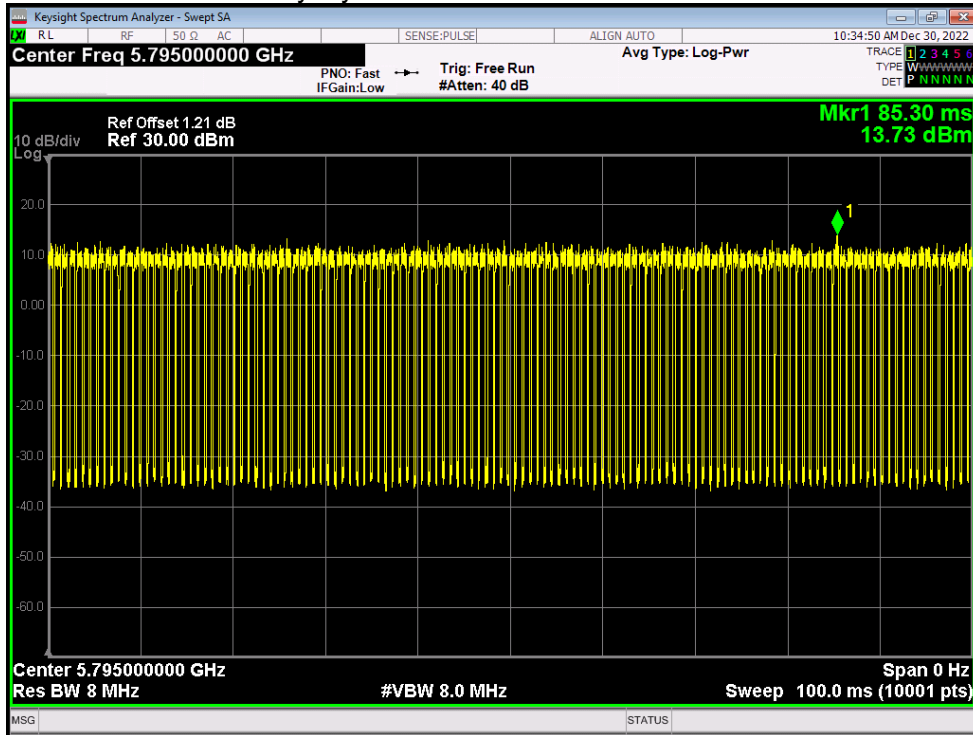
Duty Cycle NVNT n20 5825MHz Ant1



Duty Cycle NVNT n40 5755MHz Ant1



Duty Cycle NVNT n40 5795MHz Ant1



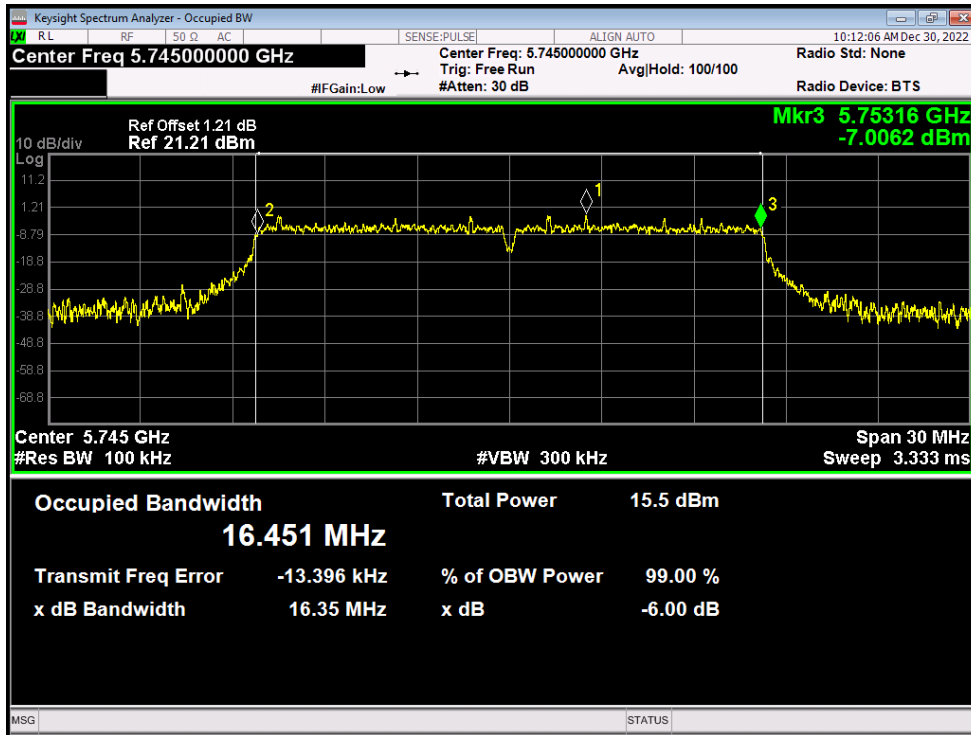
5.2 MAXIMUM CONDUCTED OUTPUT POWER

Condition	Mode	Frequency (MHz)	Antenna	Conducted Power (dBm)	Duty Factor (dB)	Total Power (dBm)	Limit (dBm)	Verdict
NVNT	a	5745	Ant1	9.439	0.51	9.949	30	Pass
NVNT	a	5785	Ant1	9.136	0.51	9.646	30	Pass
NVNT	a	5825	Ant1	8.618	0.54	9.158	30	Pass
NVNT	ac20	5745	Ant1	9.173	0.66	9.833	30	Pass
NVNT	ac20	5785	Ant1	8.986	0.62	9.606	30	Pass
NVNT	ac20	5825	Ant1	8.473	0.61	9.083	30	Pass
NVNT	ac40	5755	Ant1	7.864	1.16	9.024	30	Pass
NVNT	ac40	5795	Ant1	7.797	1.14	8.937	30	Pass
NVNT	ac80	5775	Ant1	7.067	2.44	9.507	30	Pass
NVNT	n20	5745	Ant1	9.132	0.59	9.722	30	Pass
NVNT	n20	5785	Ant1	8.886	0.58	9.466	30	Pass
NVNT	n20	5825	Ant1	8.463	0.61	9.073	30	Pass
NVNT	n40	5755	Ant1	7.779	1.15	8.929	30	Pass
NVNT	n40	5795	Ant1	7.688	1.15	8.838	30	Pass

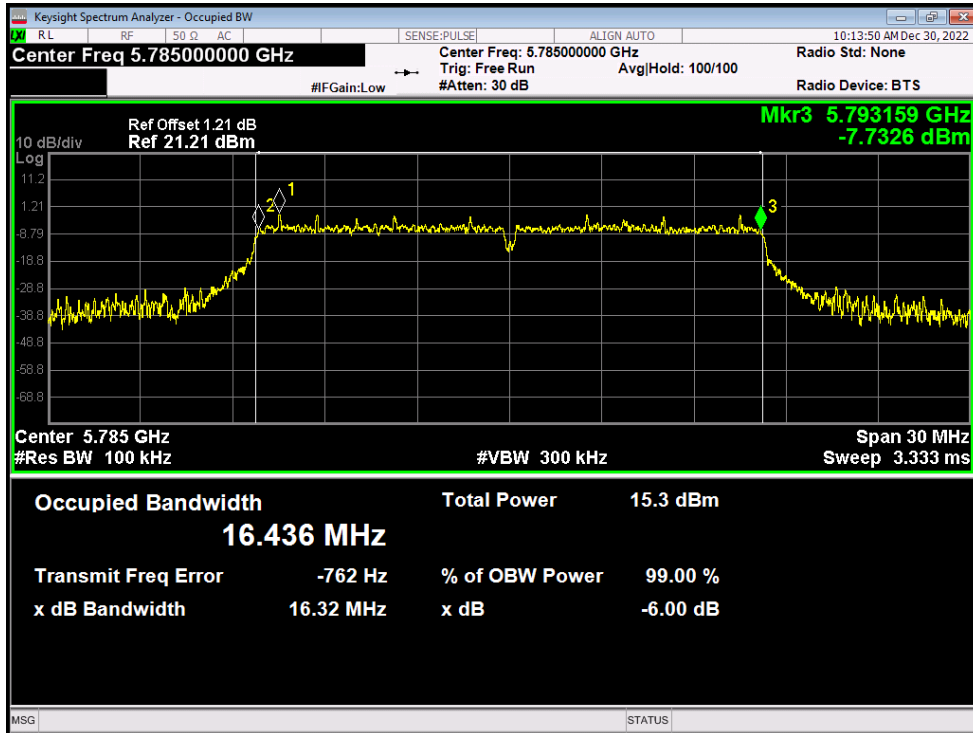
5.3 -6DB BANDWIDTH

Condition	Mode	Frequency (MHz)	Antenna	-6 dB Bandwidth (MHz)	Limit -6 dB Bandwidth (MHz)	Verdict
NVNT	a	5745	Ant1	16.348	0.5	Pass
NVNT	a	5785	Ant1	16.32	0.5	Pass
NVNT	a	5825	Ant1	16.338	0.5	Pass
NVNT	ac20	5745	Ant1	17.535	0.5	Pass
NVNT	ac20	5785	Ant1	17.464	0.5	Pass
NVNT	ac20	5825	Ant1	17.539	0.5	Pass
NVNT	ac40	5755	Ant1	36.218	0.5	Pass
NVNT	ac40	5795	Ant1	35.993	0.5	Pass
NVNT	ac80	5775	Ant1	75.441	0.5	Pass
NVNT	n20	5745	Ant1	17.487	0.5	Pass
NVNT	n20	5785	Ant1	17.531	0.5	Pass
NVNT	n20	5825	Ant1	17.557	0.5	Pass
NVNT	n40	5755	Ant1	36.321	0.5	Pass
NVNT	n40	5795	Ant1	36.134	0.5	Pass

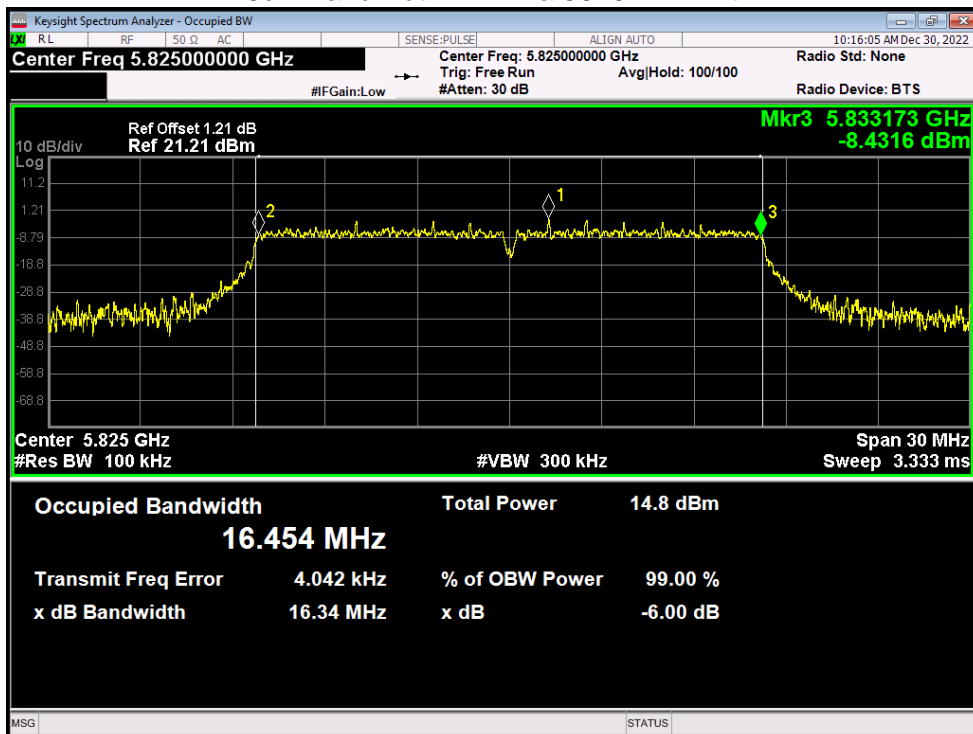
-6dB Bandwidth NVNT a 5745MHz Ant1



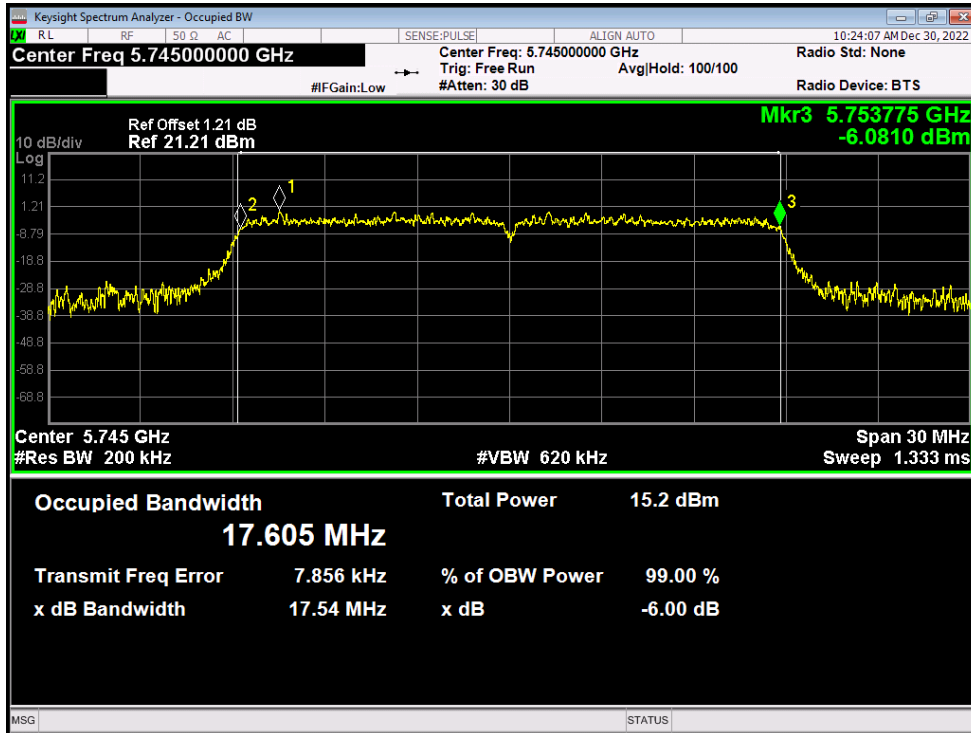
-6dB Bandwidth NVNT a 5785MHz Ant1



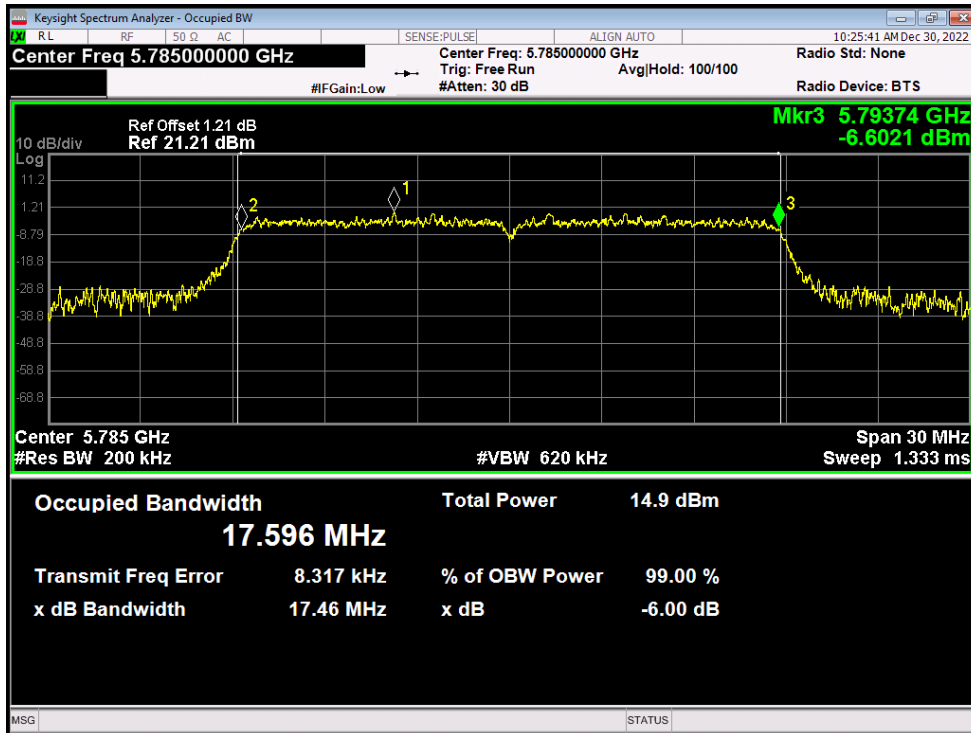
-6dB Bandwidth NVNT a 5825MHz Ant1



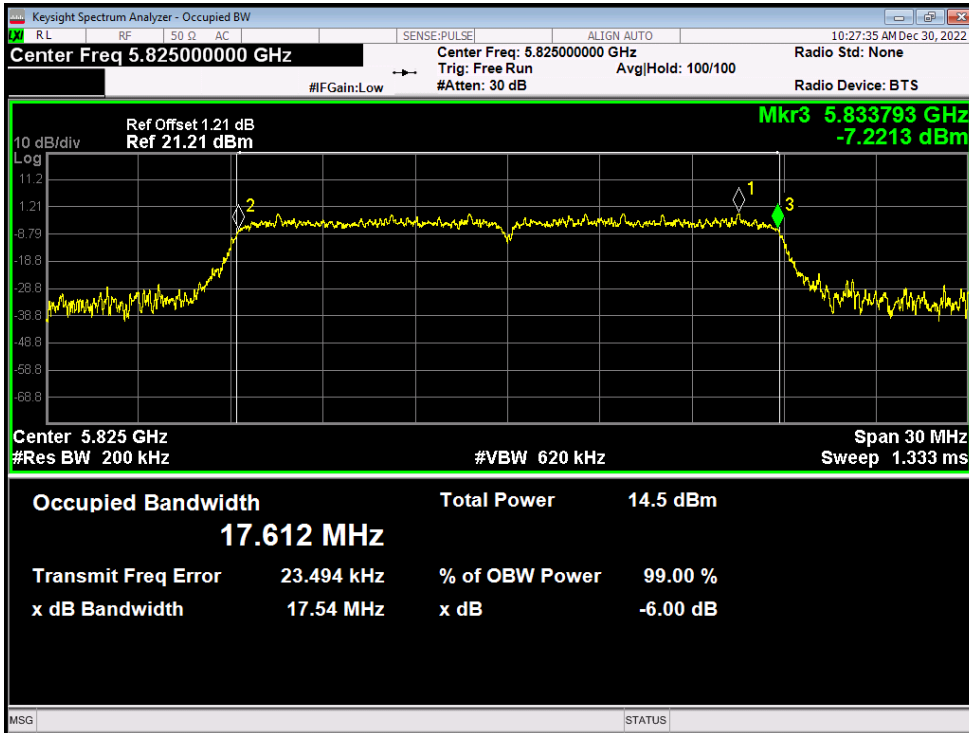
-6dB Bandwidth NVNT ac20 5745MHz Ant1



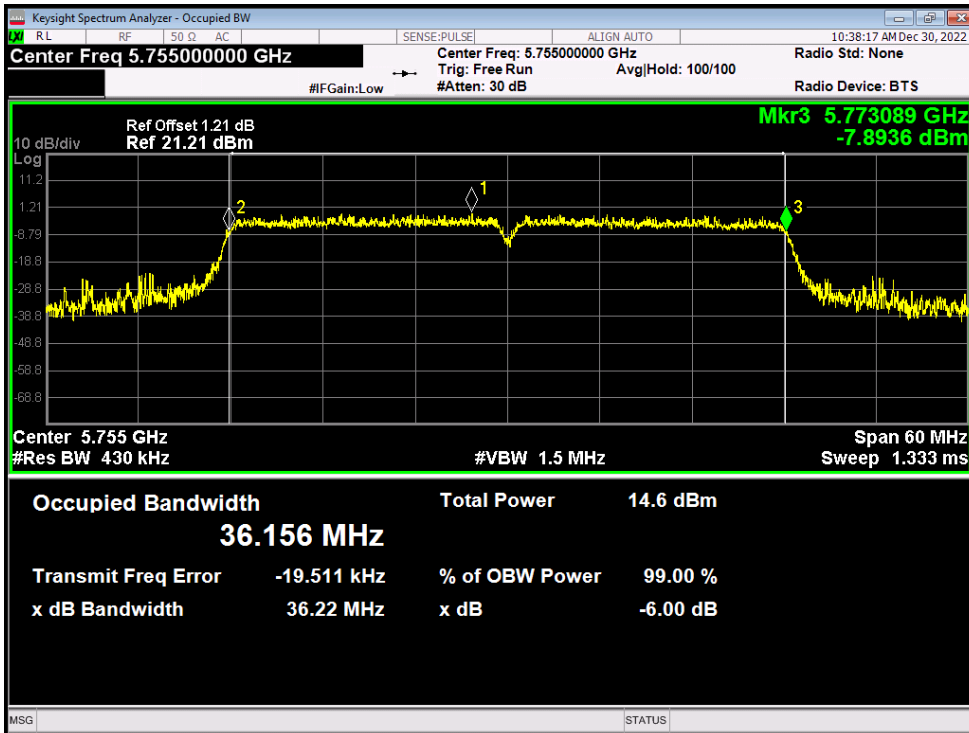
-6dB Bandwidth NVNT ac20 5785MHz Ant1



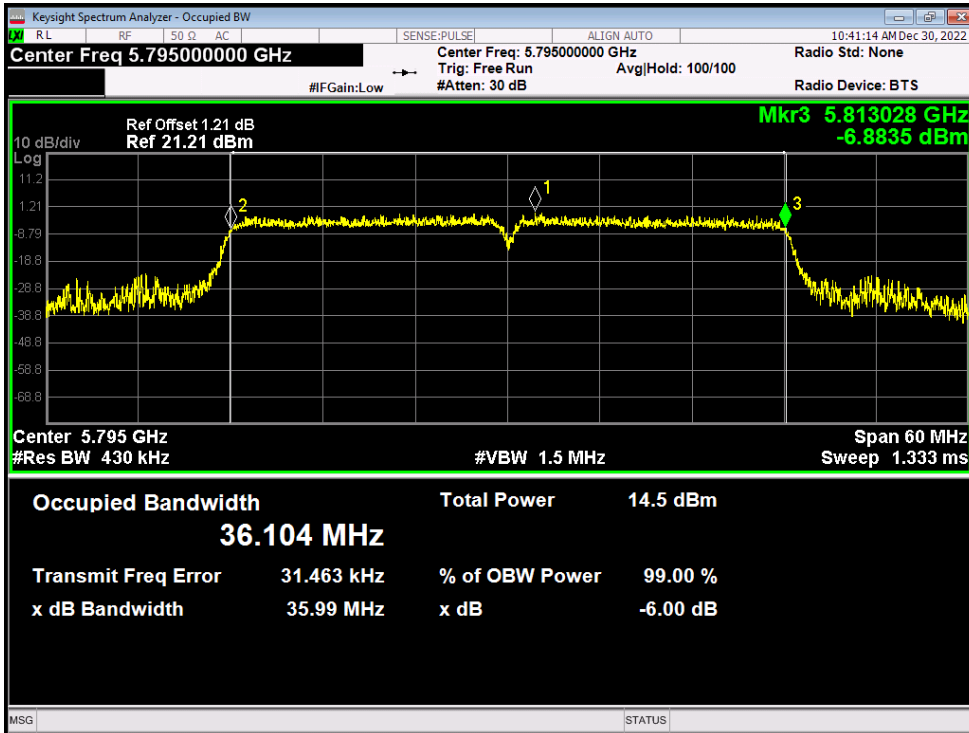
-6dB Bandwidth NVNT ac20 5825MHz Ant1



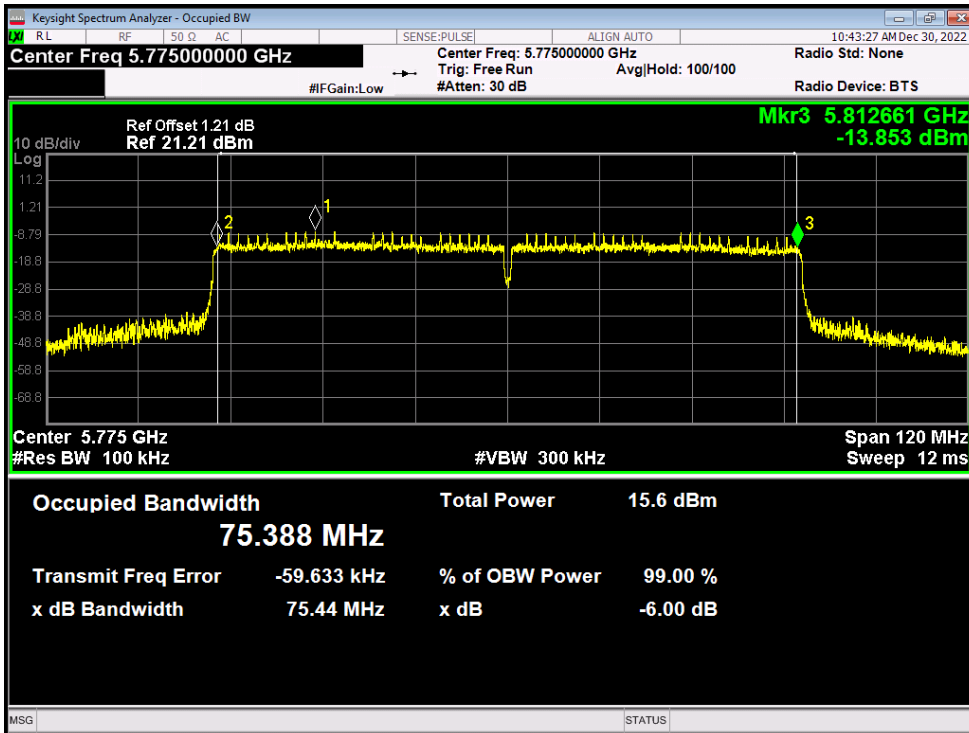
-6dB Bandwidth NVNT ac40 5755MHz Ant1



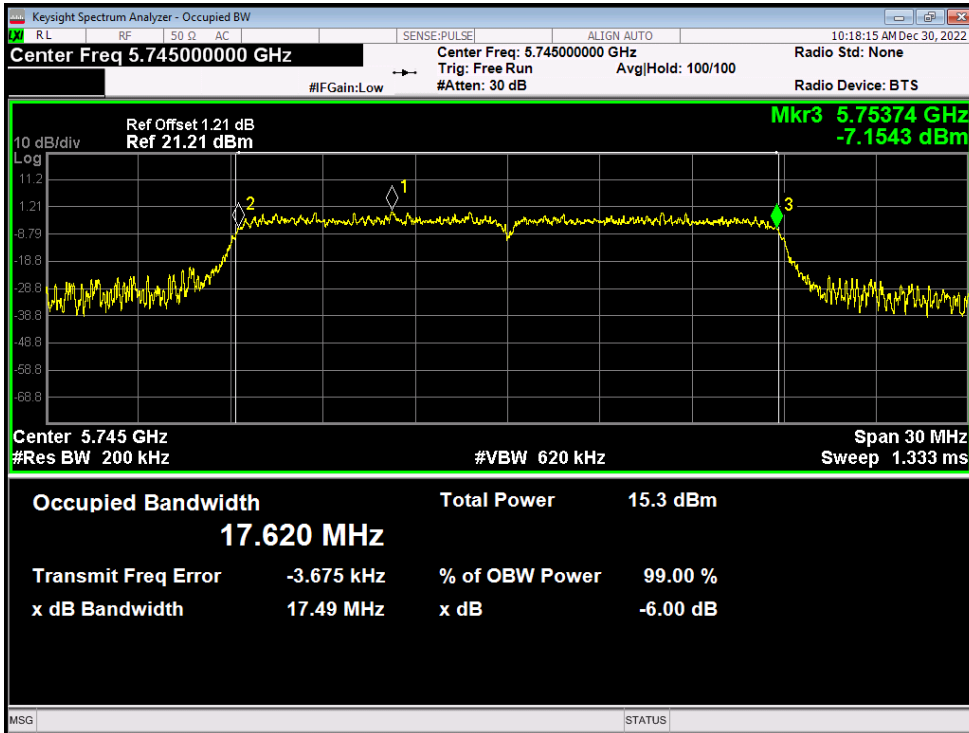
-6dB Bandwidth NVNT ac40 5795MHz Ant1



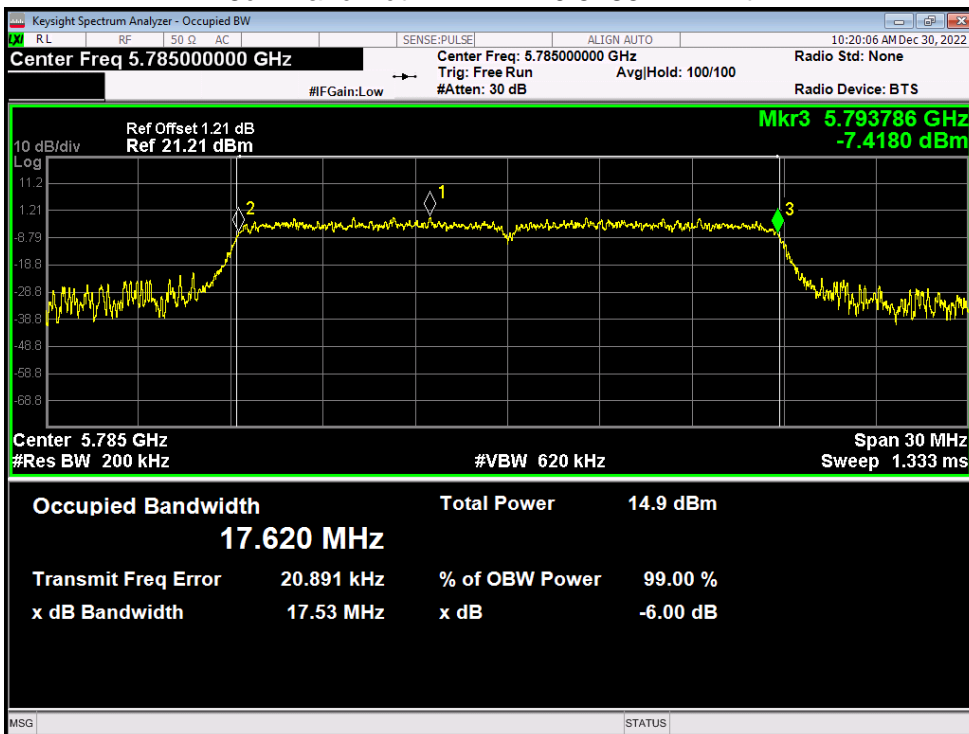
-6dB Bandwidth NVNT ac80 5775MHz Ant1



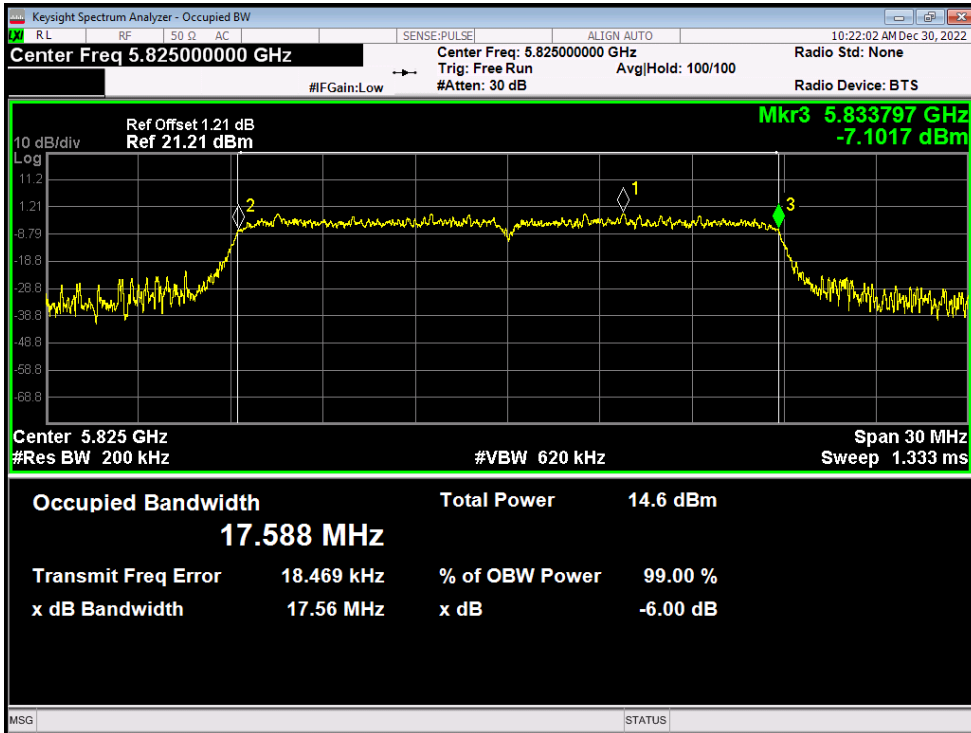
-6dB Bandwidth NVNT n20 5745MHz Ant1



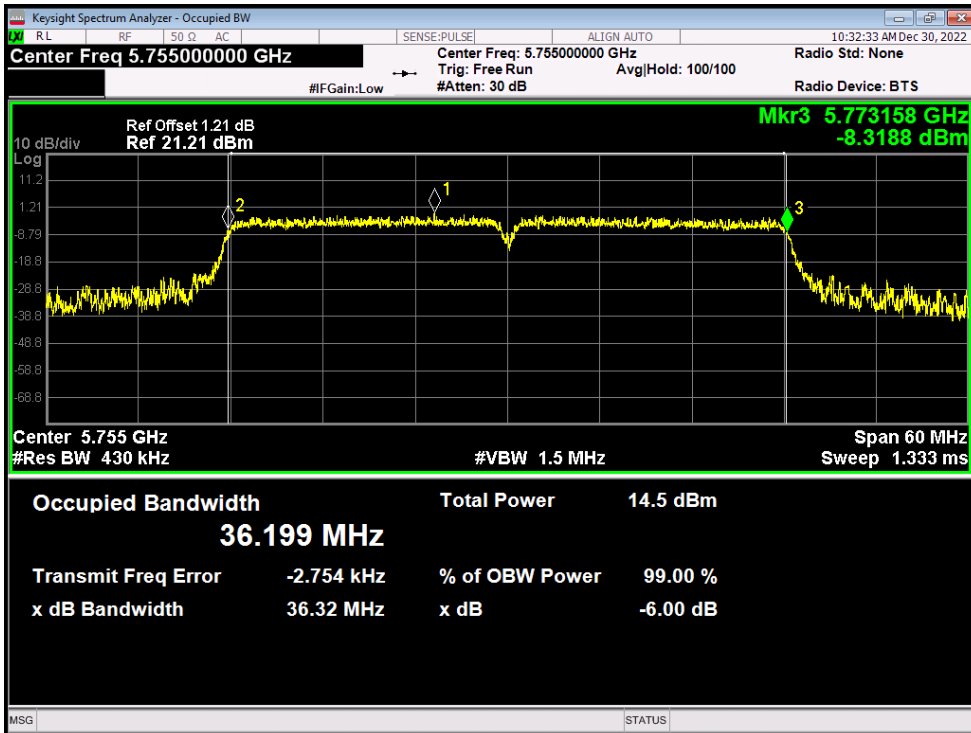
-6dB Bandwidth NVNT n20 5785MHz Ant1



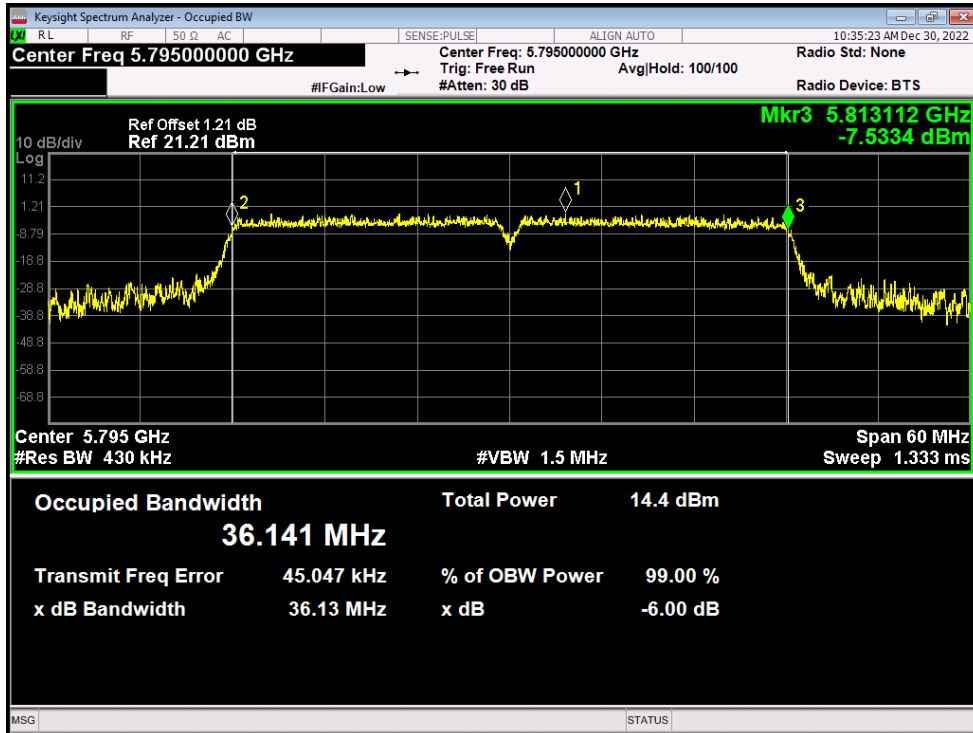
-6dB Bandwidth NVNT n20 5825MHz Ant1



-6dB Bandwidth NVNT n40 5755MHz Ant1



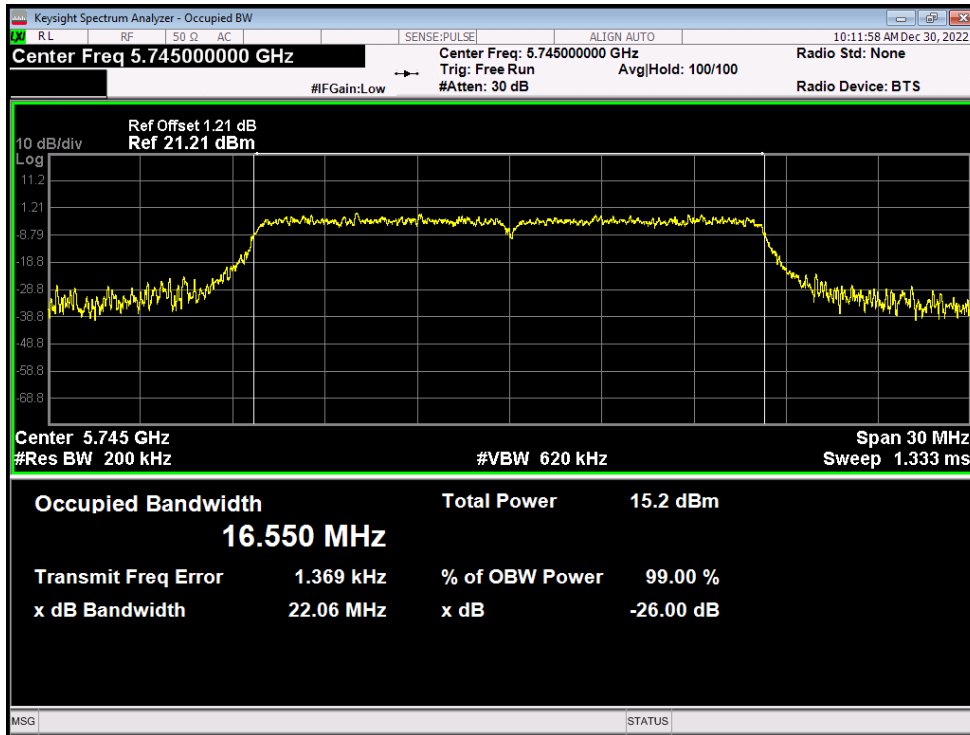
-6dB Bandwidth NVNT n40 5795MHz Ant1



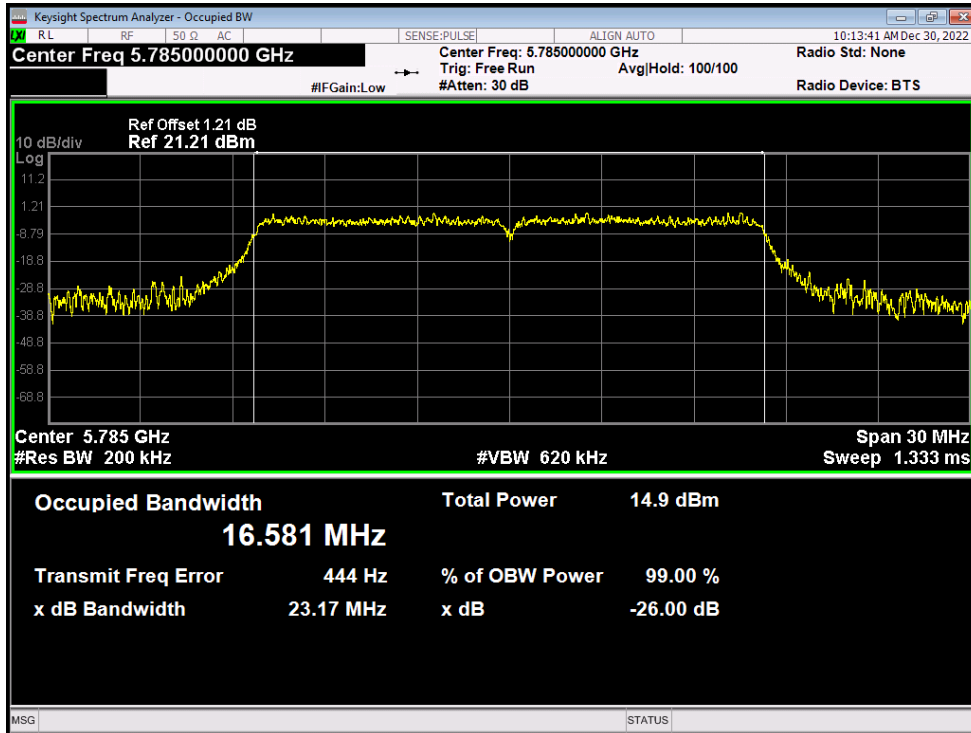
5.4 OCCUPIED CHANNEL BANDWIDTH

Condition	Mode	Frequency (MHz)	Antenna	99% OBW (MHz)
NVNT	a	5745	Ant1	16.55
NVNT	a	5785	Ant1	16.581
NVNT	a	5825	Ant1	16.574
NVNT	ac20	5745	Ant1	17.589
NVNT	ac20	5785	Ant1	17.612
NVNT	ac20	5825	Ant1	17.62
NVNT	ac40	5755	Ant1	36.154
NVNT	ac40	5795	Ant1	36.185
NVNT	ac80	5775	Ant1	75.563
NVNT	n20	5745	Ant1	17.614
NVNT	n20	5785	Ant1	17.618
NVNT	n20	5825	Ant1	17.63
NVNT	n40	5755	Ant1	36.144
NVNT	n40	5795	Ant1	36.167

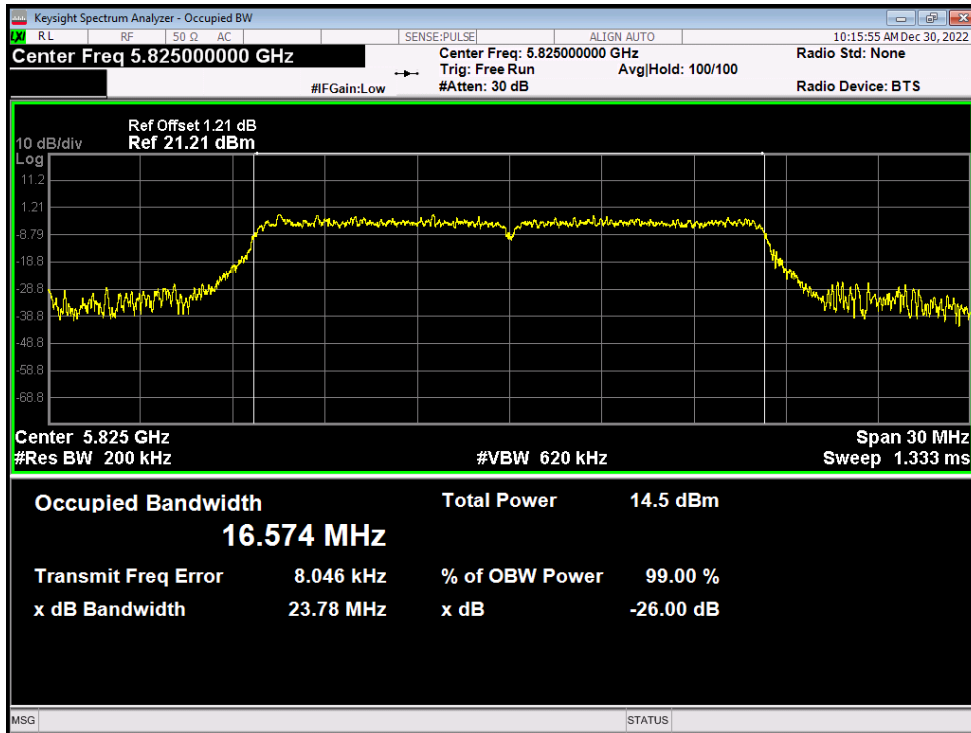
OBW NVNT a 5745MHz Ant1



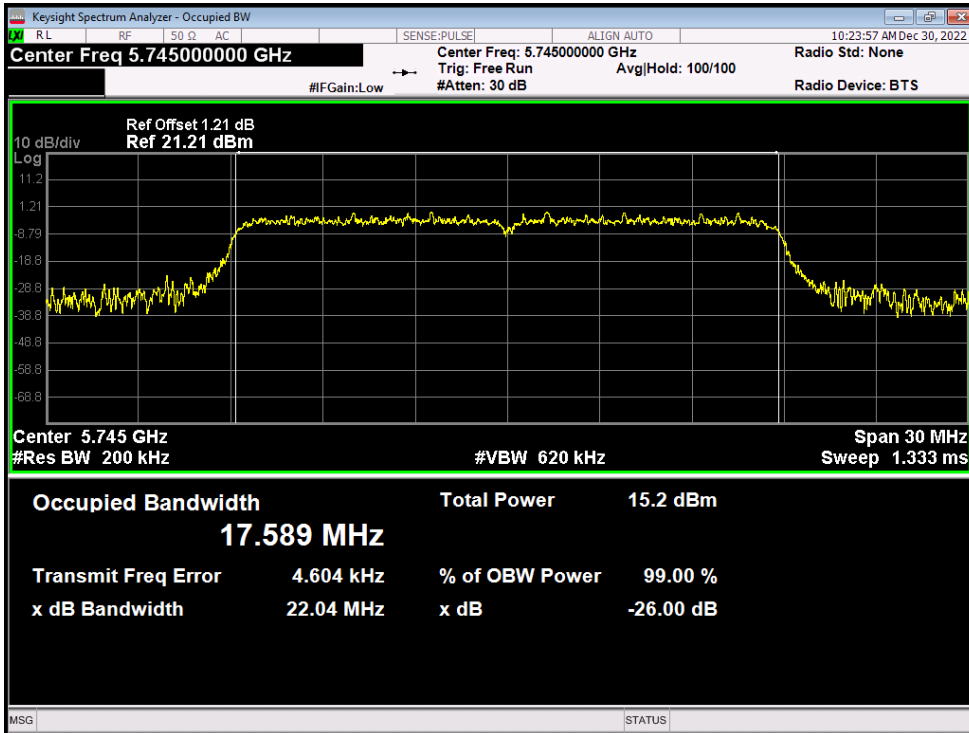
OBW NVNT a 5785MHz Ant1



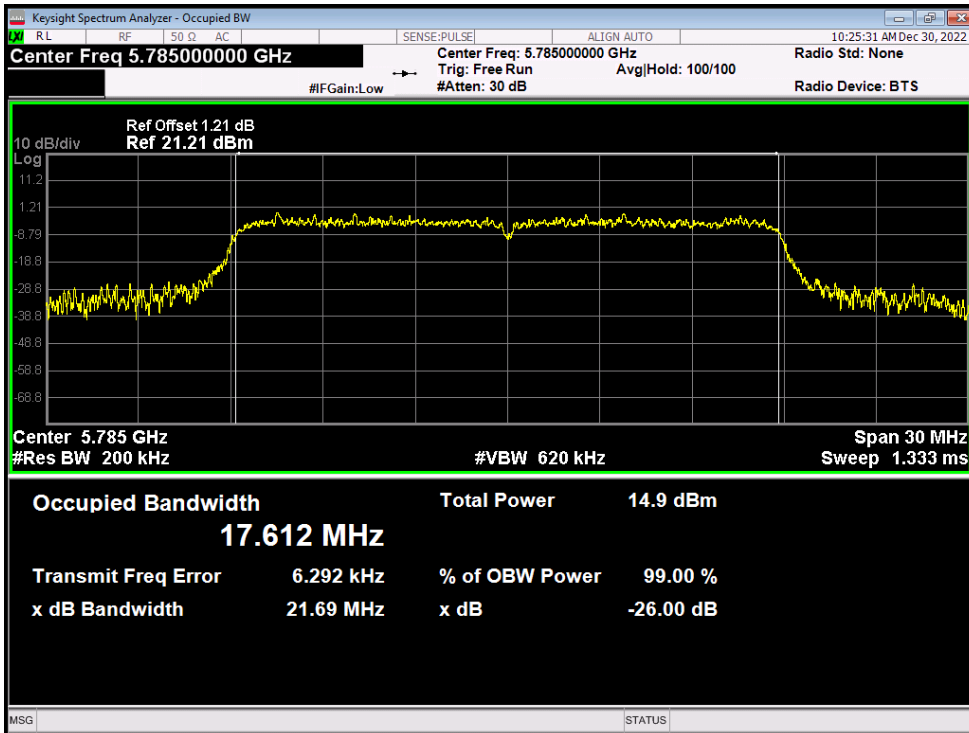
OBW NVNT a 5825MHz Ant1



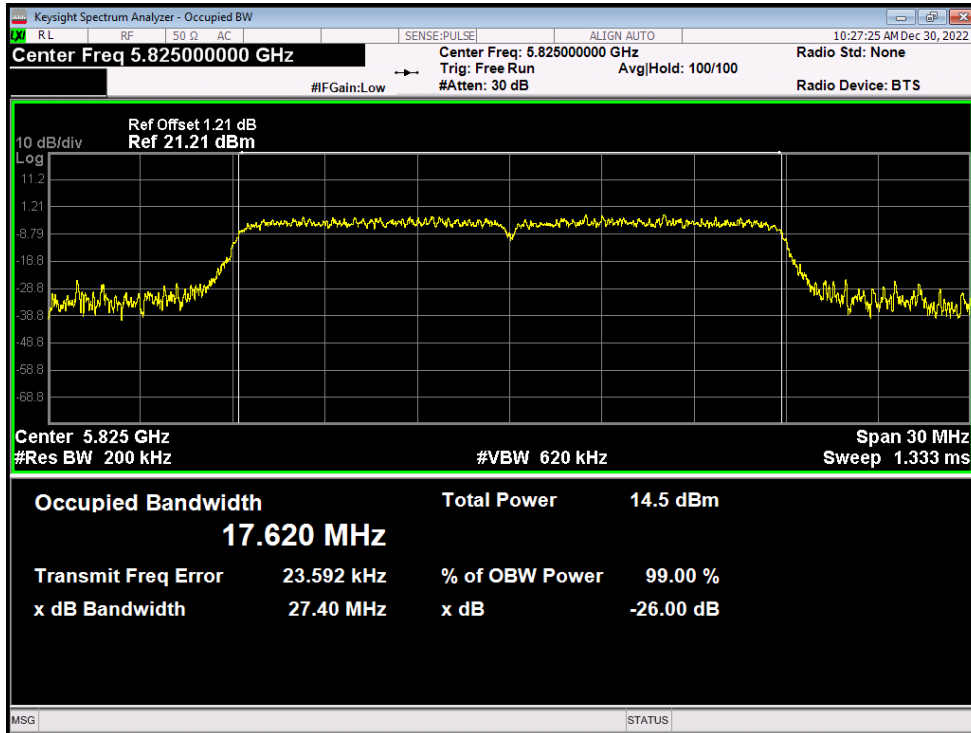
OBW NVNT ac20 5745MHz Ant1



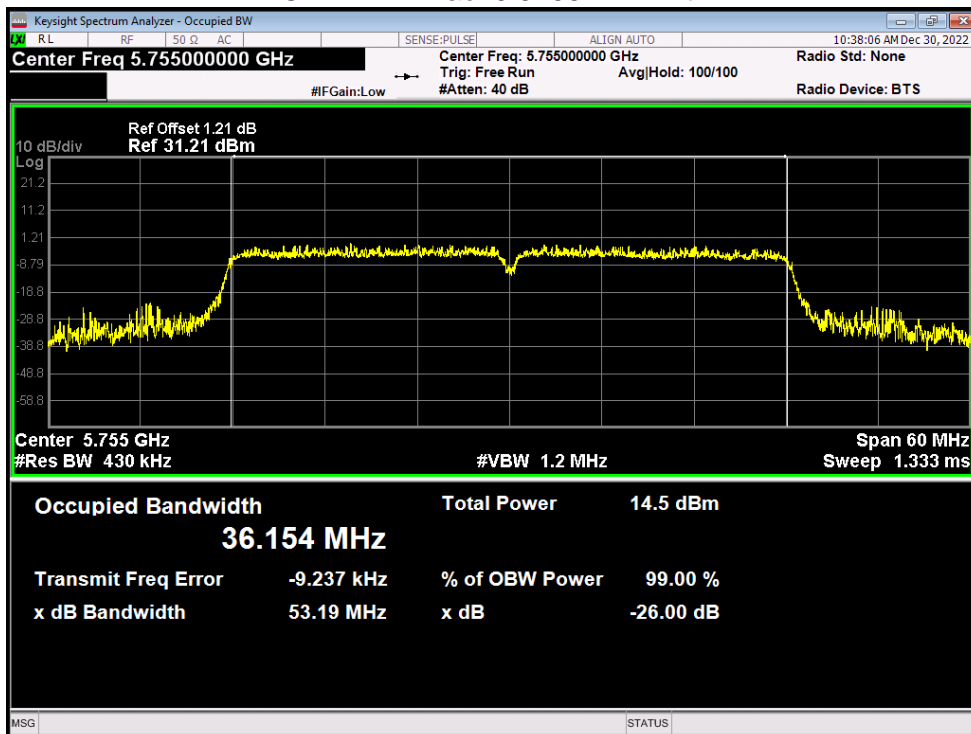
OBW NVNT ac20 5785MHz Ant1



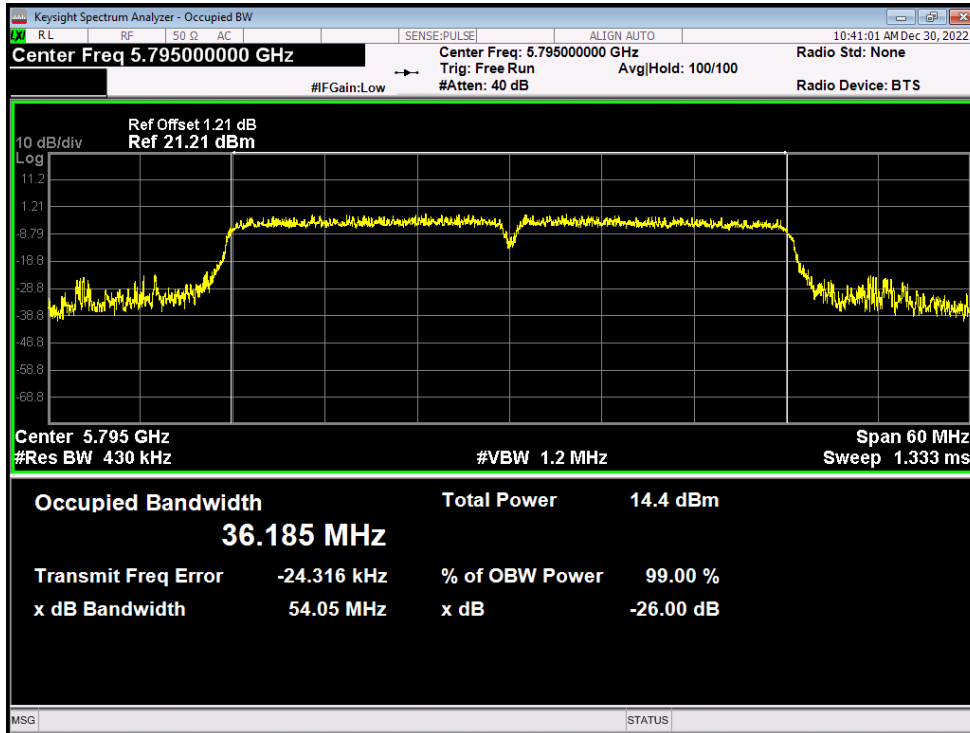
OBW NVNT ac20 5825MHz Ant1



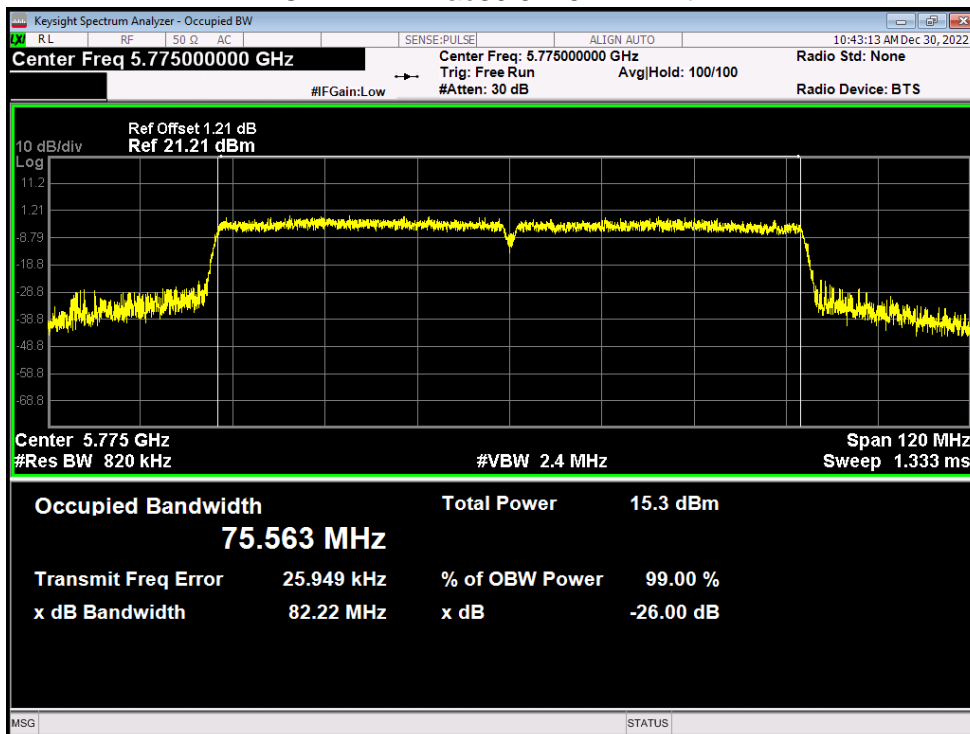
OBW NVNT ac40 5755MHz Ant1



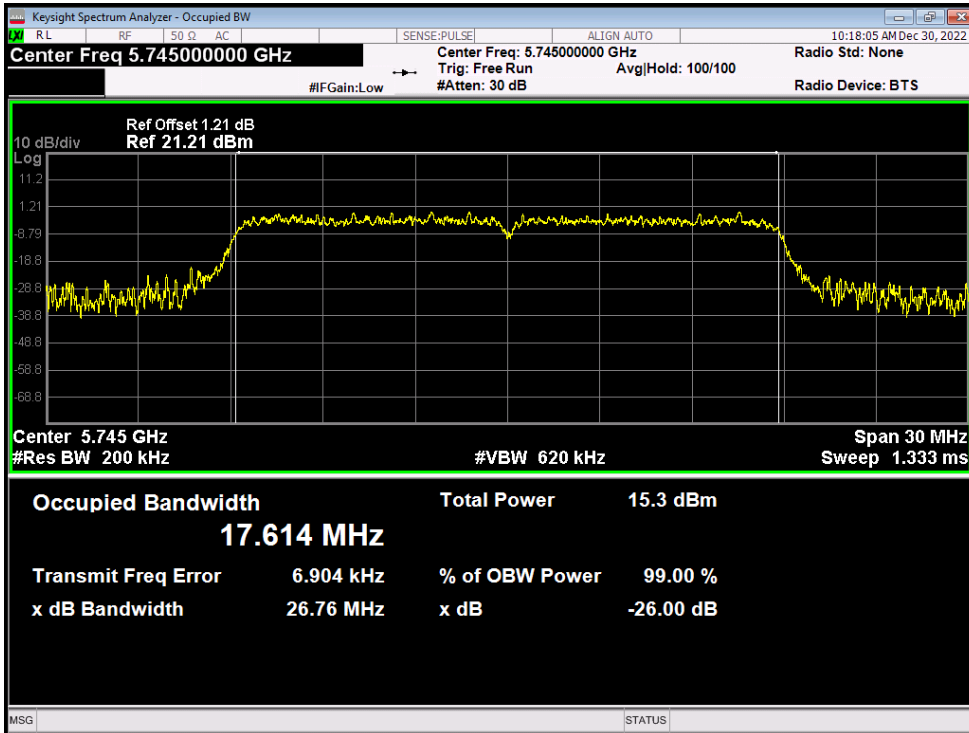
OBW NVNT ac40 5795MHz Ant1



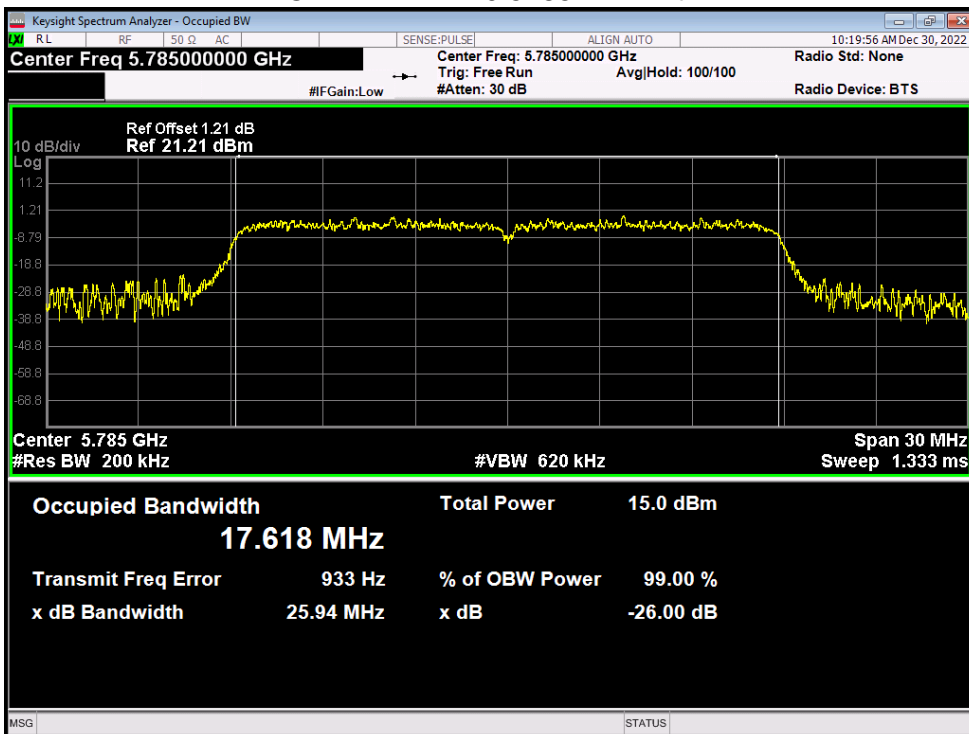
OBW NVNT ac80 5775MHz Ant1



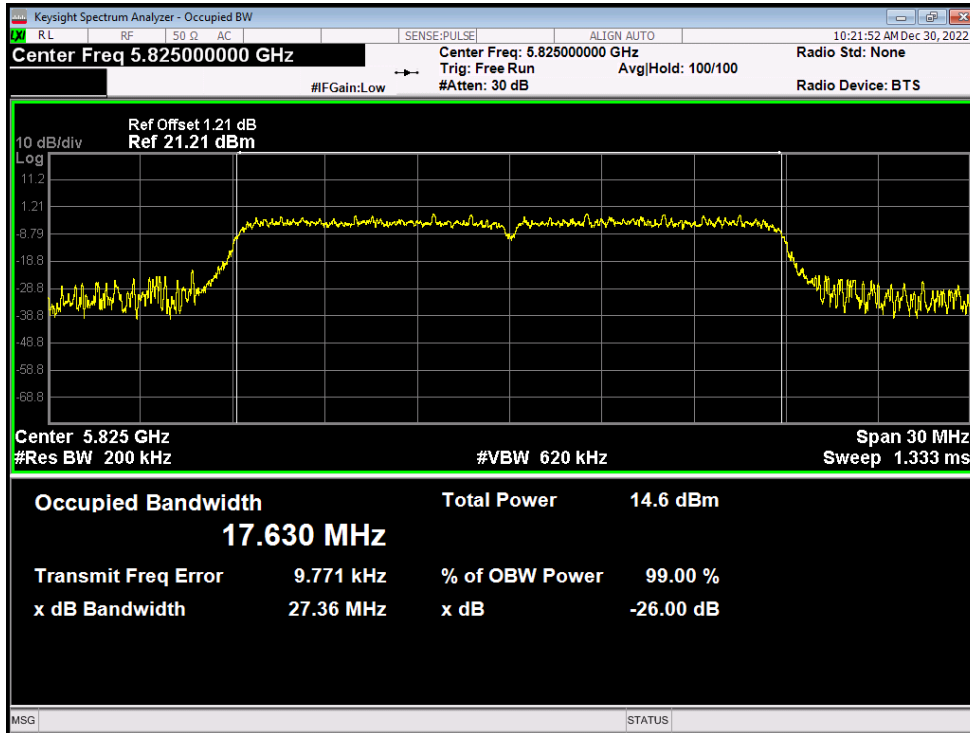
OBW NVNT n20 5745MHz Ant1



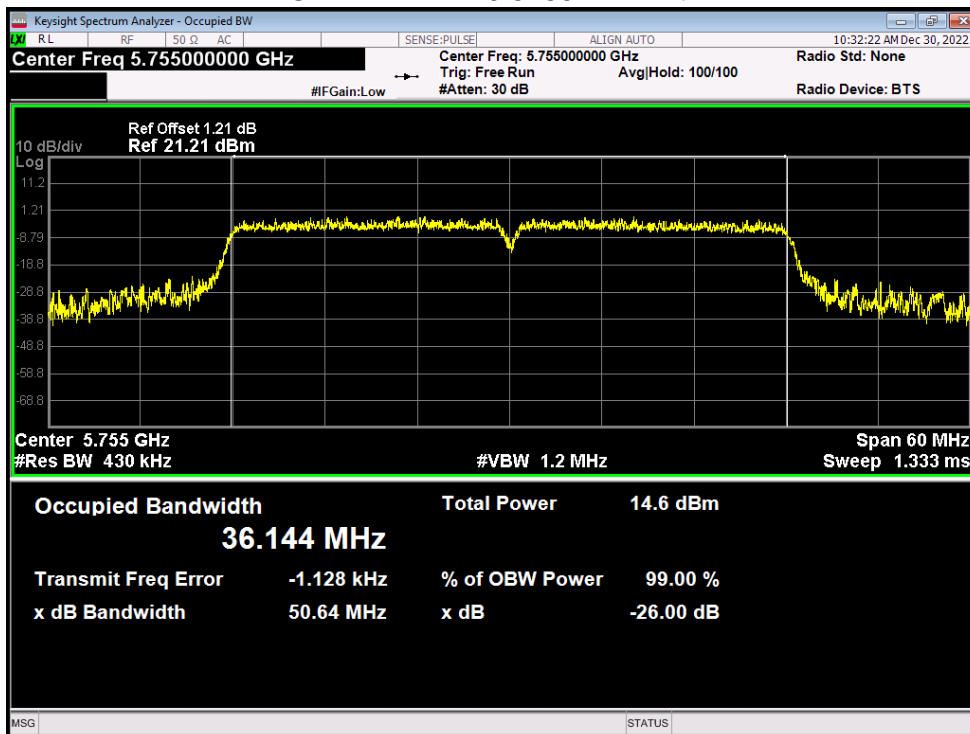
OBW NVNT n20 5785MHz Ant1



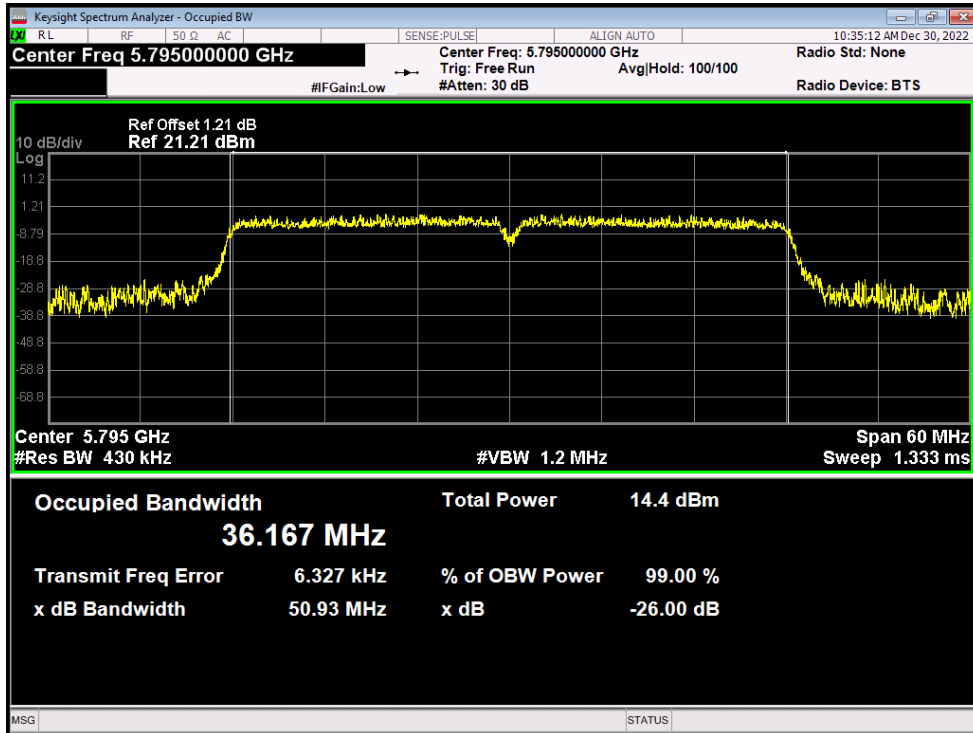
OBW NVNT n20 5825MHz Ant1



OBW NVNT n40 5755MHz Ant1



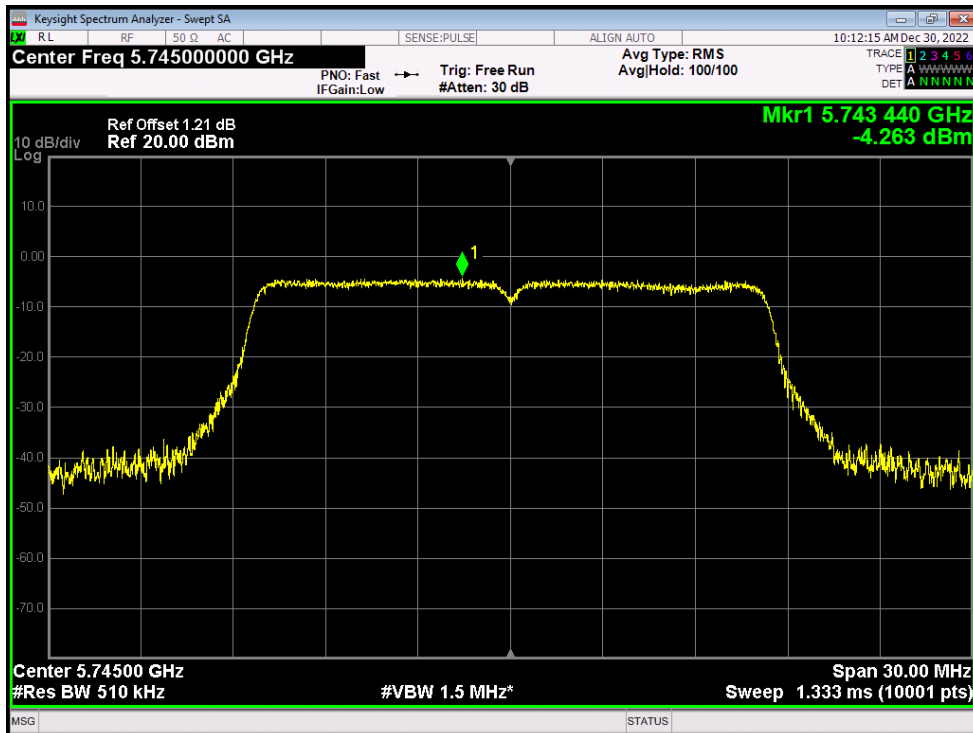
OBW NVNT n40 5795MHz Ant1



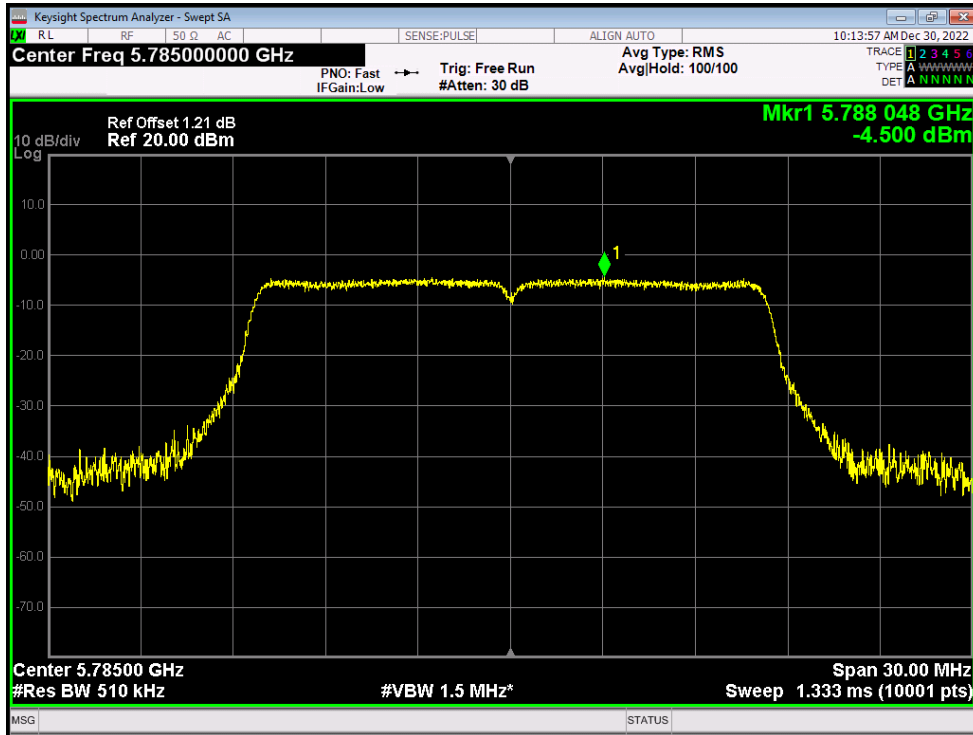
5.5 MAXIMUM POWER SPECTRAL DENSITY LEVEL

Condition	Mode	Frequency (MHz)	Antenna	Max PSD (dBm)	Duty Factor (dB)	Total Max PSD (dB)	Limit (dBm)	Verdict
NVNT	a	5745	Ant1	-4.263	0.51	-3.753	30	Pass
NVNT	a	5785	Ant1	-4.5	0.51	-3.99	30	Pass
NVNT	a	5825	Ant1	-5.062	0.54	-4.522	30	Pass
NVNT	ac20	5745	Ant1	-4.414	0.66	-3.754	30	Pass
NVNT	ac20	5785	Ant1	-4.948	0.62	-4.328	30	Pass
NVNT	ac20	5825	Ant1	-5.237	0.61	-4.627	30	Pass
NVNT	ac40	5755	Ant1	-8.631	1.16	-7.471	30	Pass
NVNT	ac40	5795	Ant1	-9.051	1.14	-7.911	30	Pass
NVNT	ac80	5775	Ant1	-12.221	2.44	-9.781	30	Pass
NVNT	n20	5745	Ant1	-4.117	0.59	-3.527	30	Pass
NVNT	n20	5785	Ant1	-4.993	0.58	-4.413	30	Pass
NVNT	n20	5825	Ant1	-5.048	0.61	-4.438	30	Pass
NVNT	n40	5755	Ant1	-8.771	1.15	-7.621	30	Pass
NVNT	n40	5795	Ant1	-9.075	1.15	-7.925	30	Pass

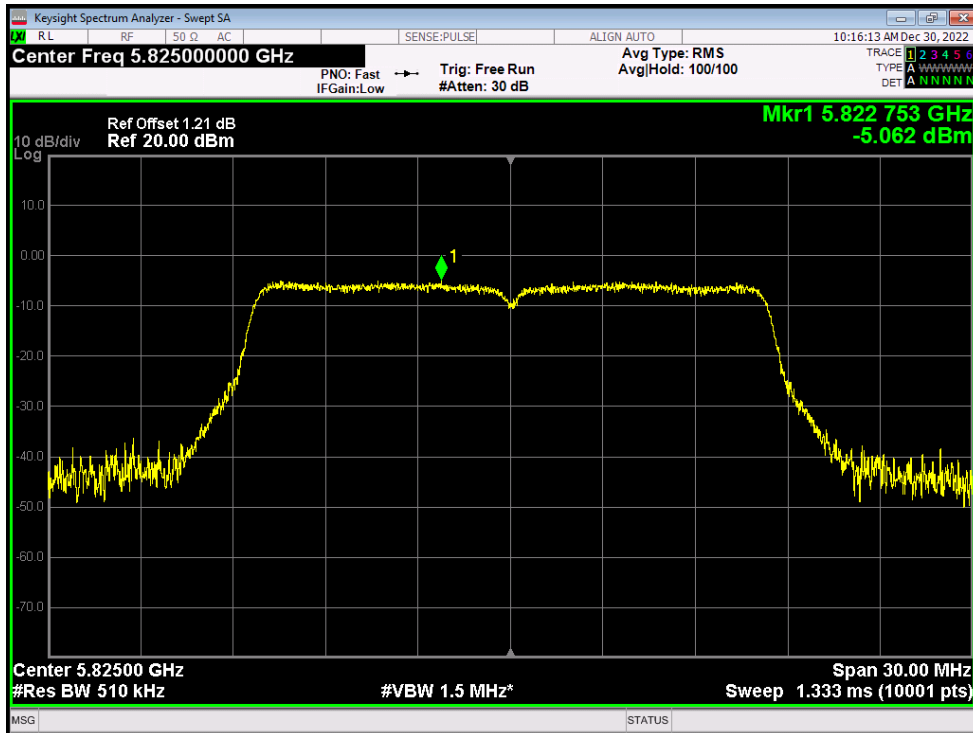
PSD NVNT a 5745MHz Ant1



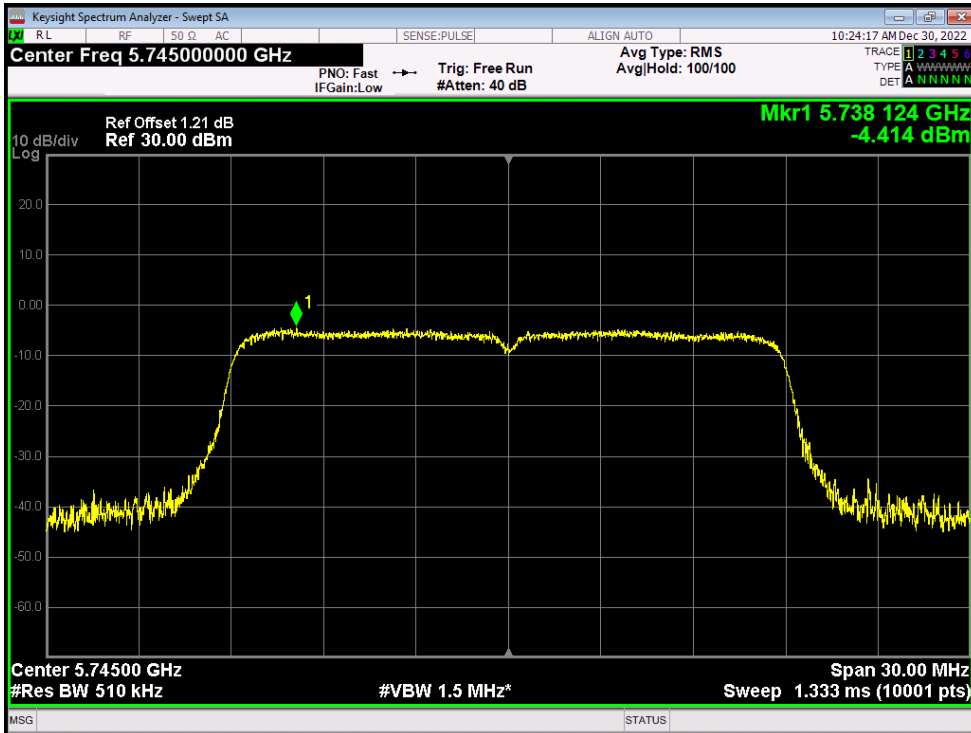
PSD NVNT a 5785MHz Ant1



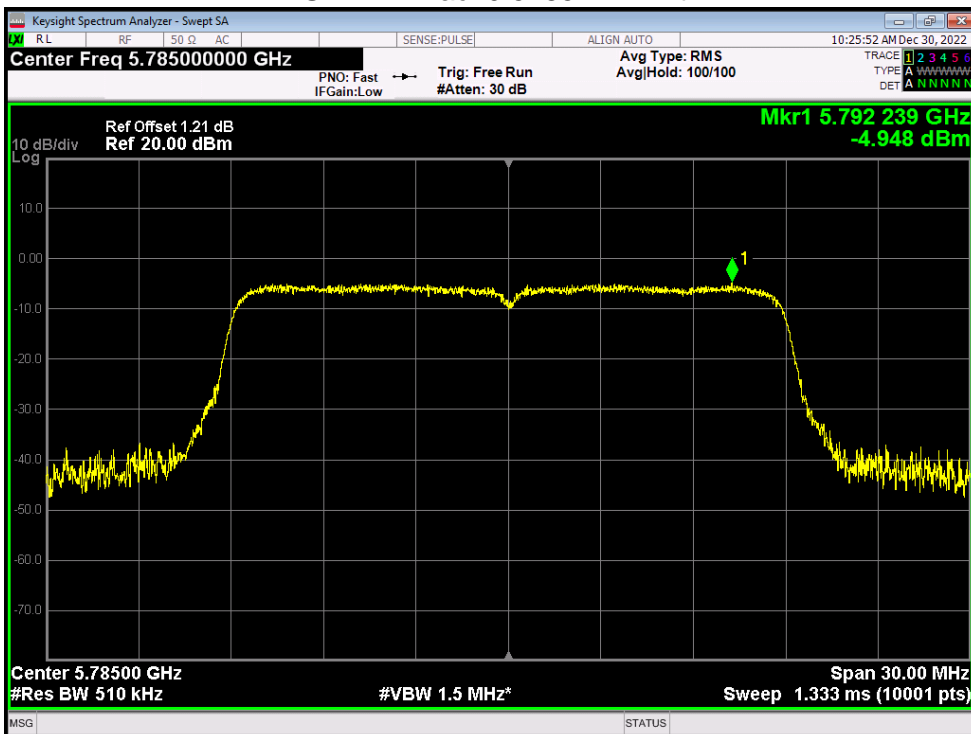
PSD NVNT a 5825MHz Ant1



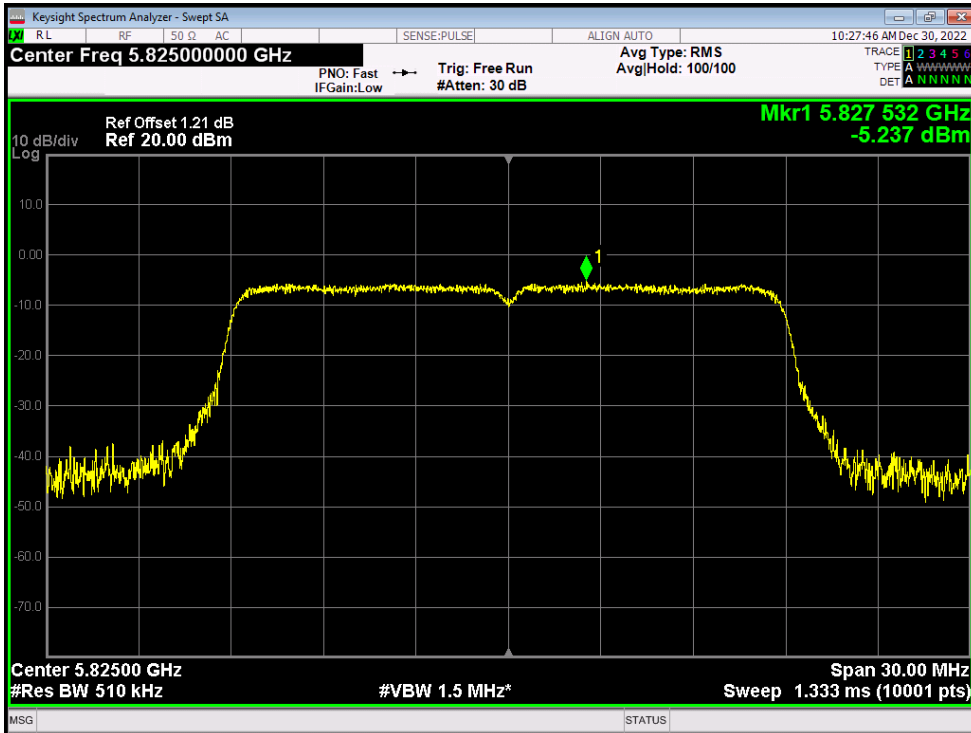
PSD NVNT ac20 5745MHz Ant1



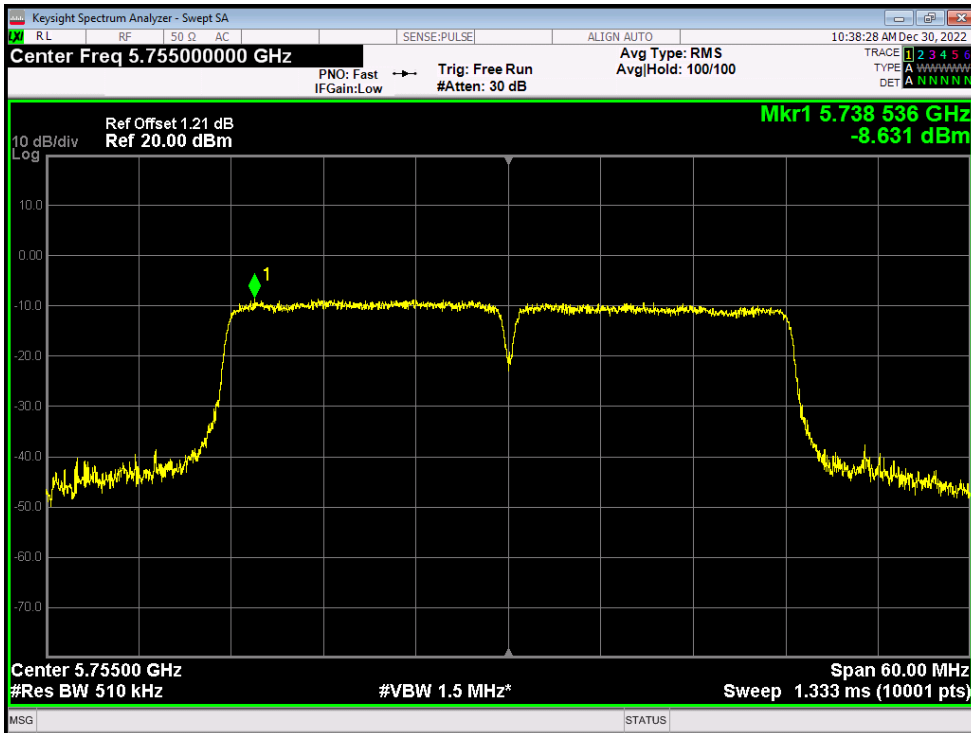
PSD NVNT ac20 5785MHz Ant1



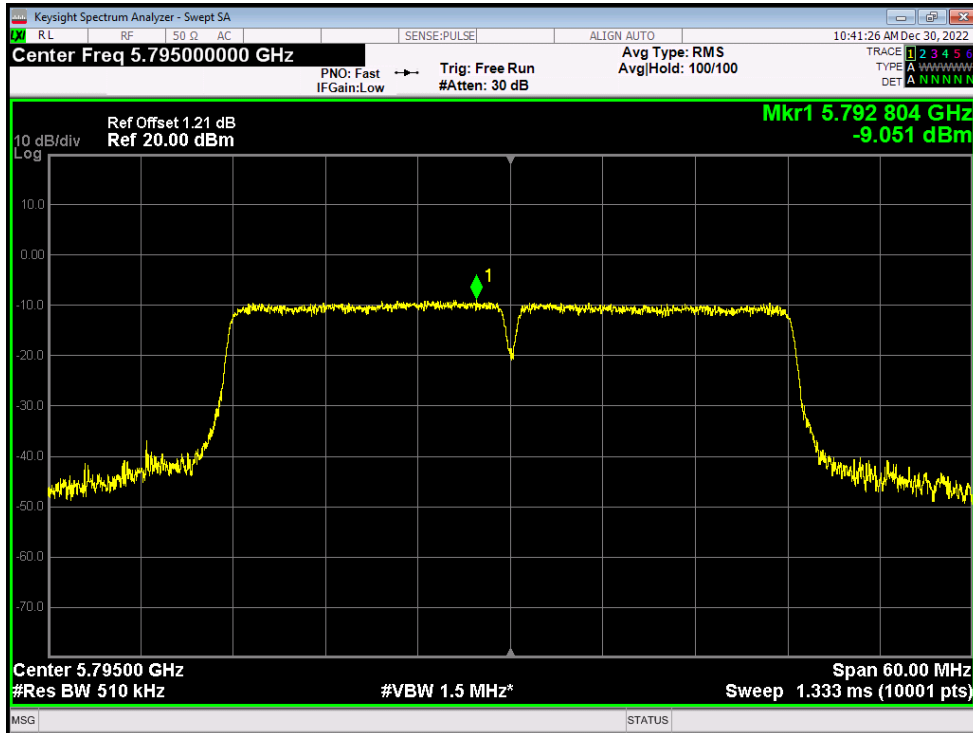
PSD NVNT ac20 5825MHz Ant1



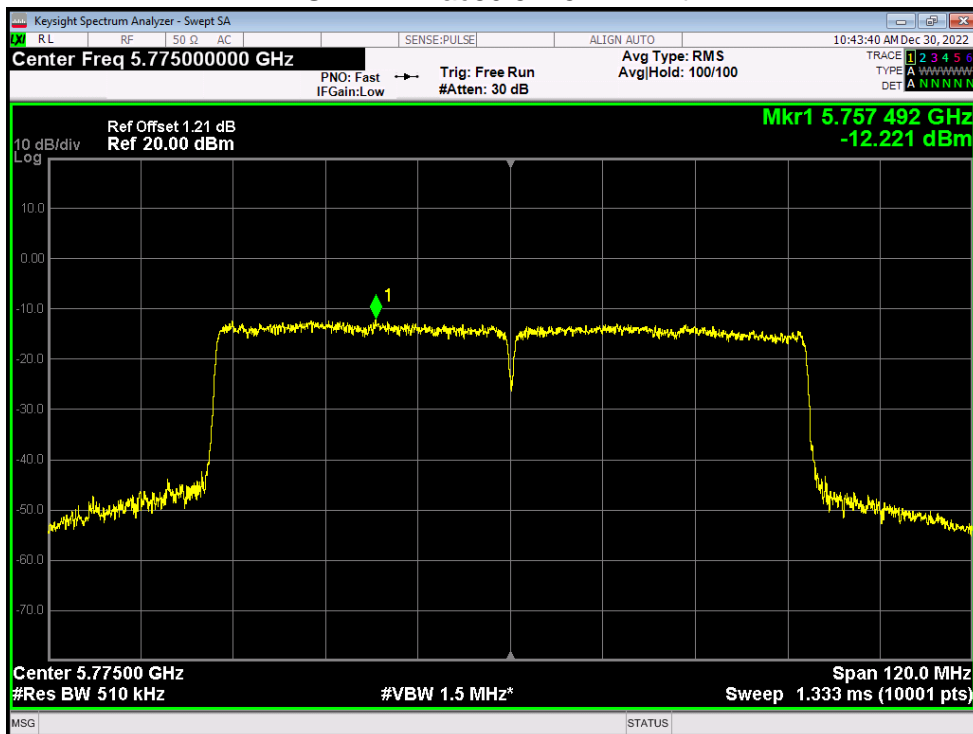
PSD NVNT ac40 5755MHz Ant1



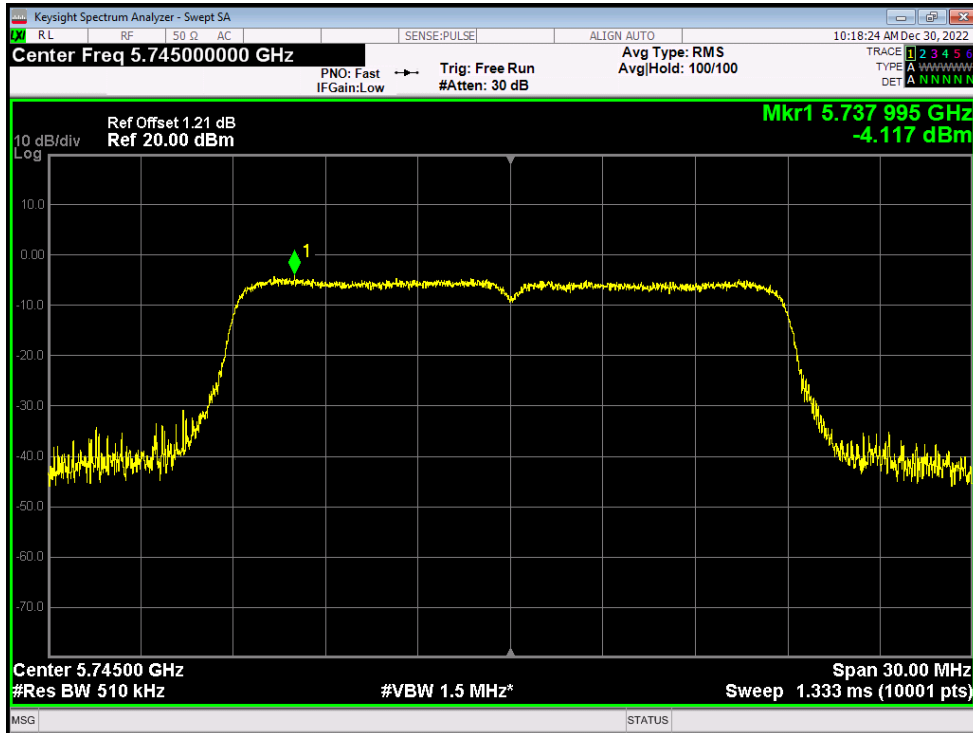
PSD NVNT ac40 5795MHz Ant1



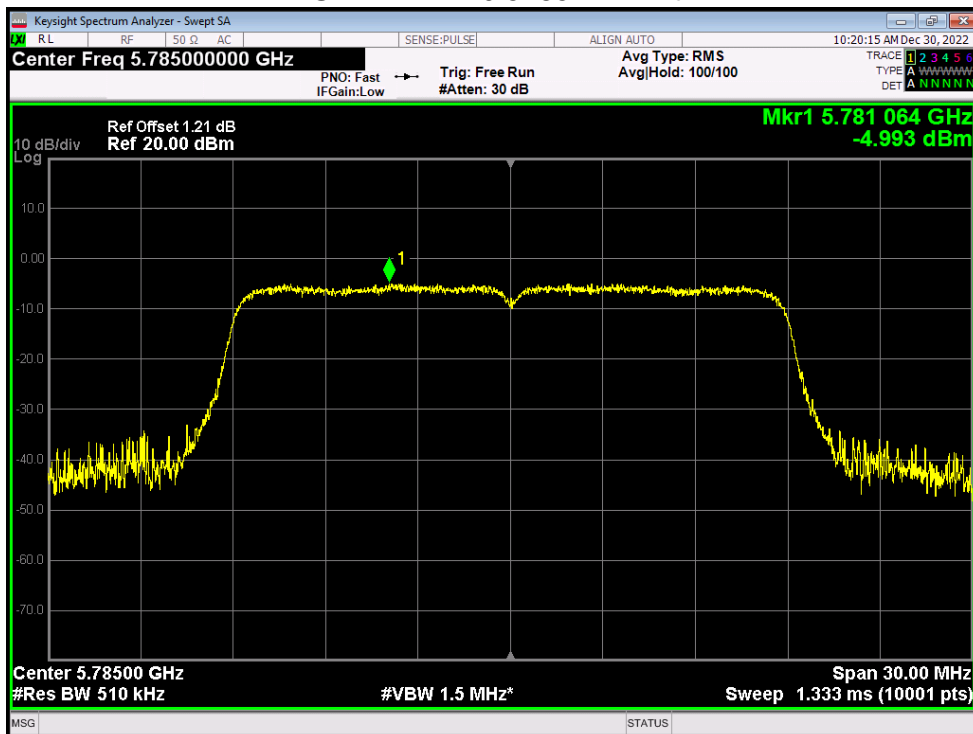
PSD NVNT ac80 5775MHz Ant1



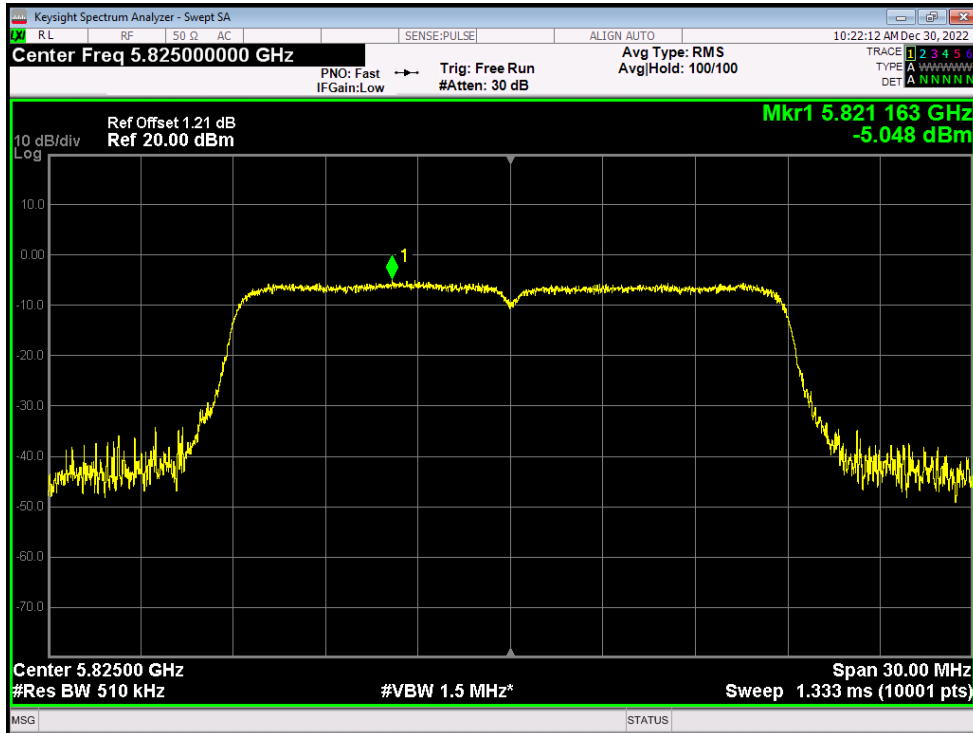
PSD NVNT n20 5745MHz Ant1



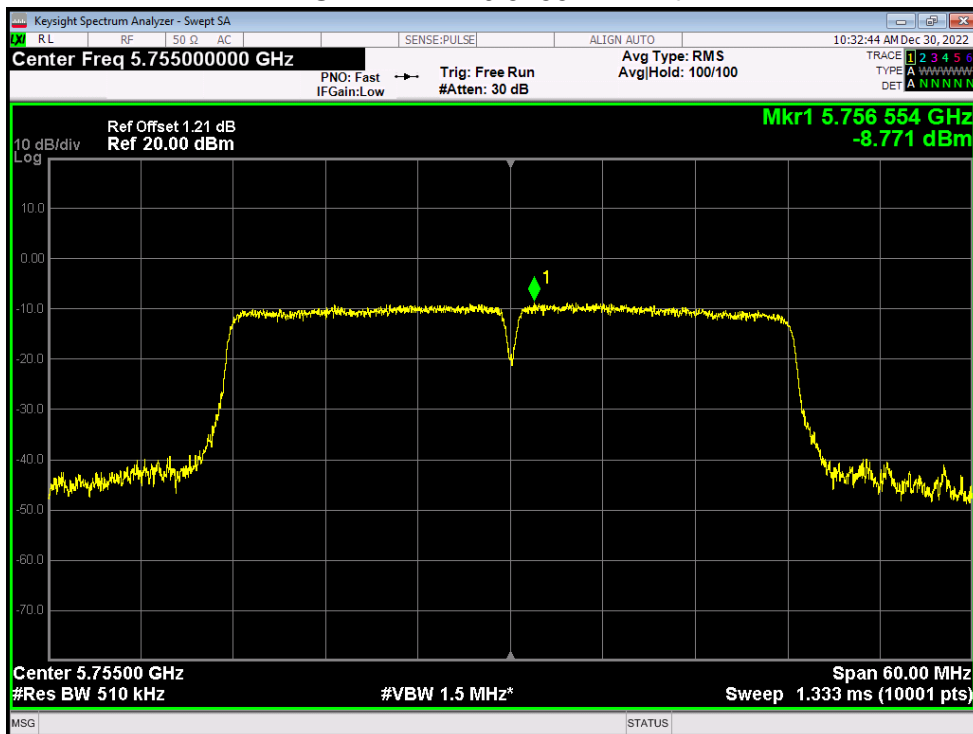
PSD NVNT n20 5785MHz Ant1



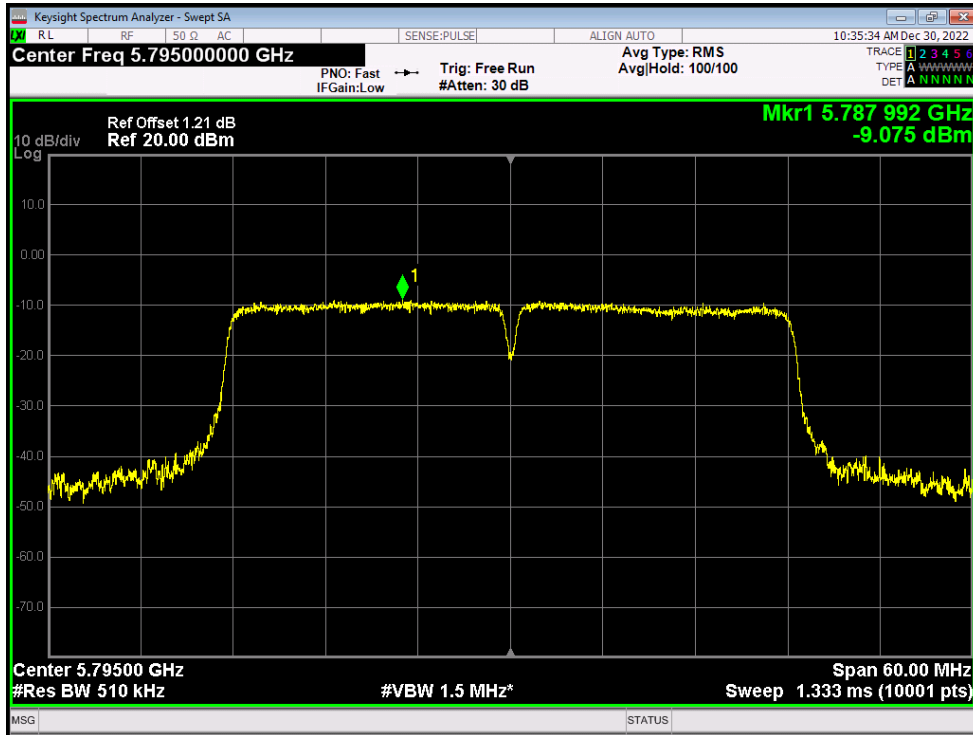
PSD NVNT n20 5825MHz Ant1



PSD NVNT n40 5755MHz Ant1



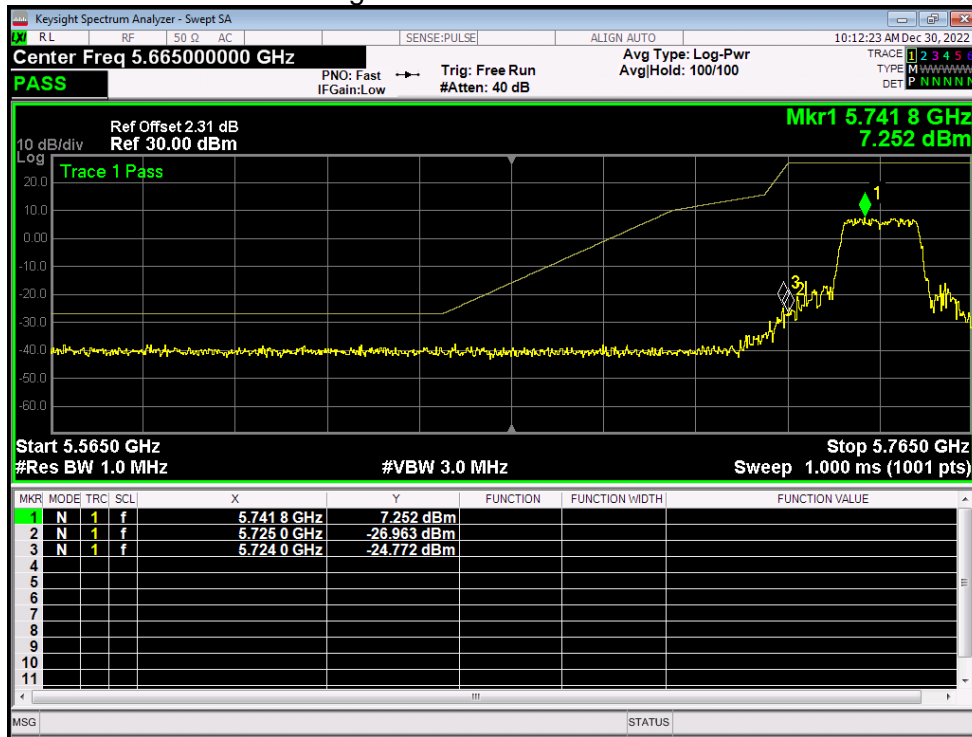
PSD NVNT n40 5795MHz Ant1



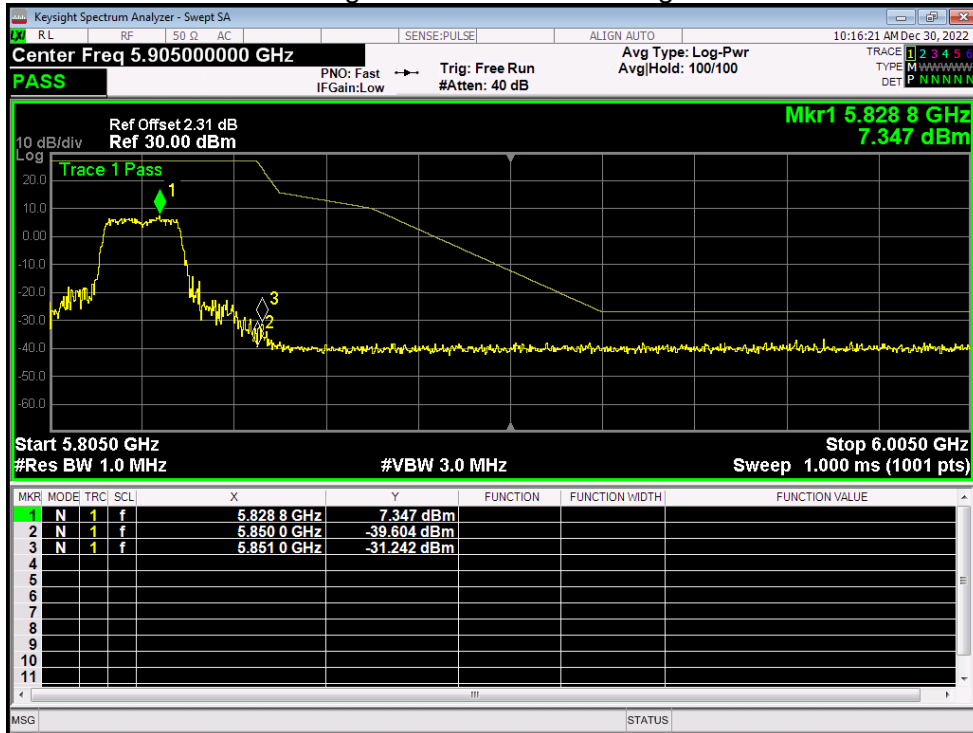
5.6 BAND EDGE

Condition	Mode	Frequency (MHz)	Antenna	Max Value (dBm)	Limit (dBm)	Verdict
NVNT	a	5745	Ant1	-24.77		Pass
NVNT	a	5825	Ant1	-31.24		Pass
NVNT	ac20	5745	Ant1	-24.03		Pass
NVNT	ac20	5825	Ant1	-31.44		Pass
NVNT	ac40	5755	Ant1	-24.38		Pass
NVNT	ac40	5795	Ant1	-37.68		Pass
NVNT	ac80	5775	Ant1	-37.93		Pass
NVNT	ac80	5775	Ant1	-24.68		Pass
NVNT	n20	5745	Ant1	-22.99		Pass
NVNT	n20	5825	Ant1	-30.26		Pass
NVNT	n40	5755	Ant1	-20.81		Pass
NVNT	n40	5795	Ant1	-37		Pass

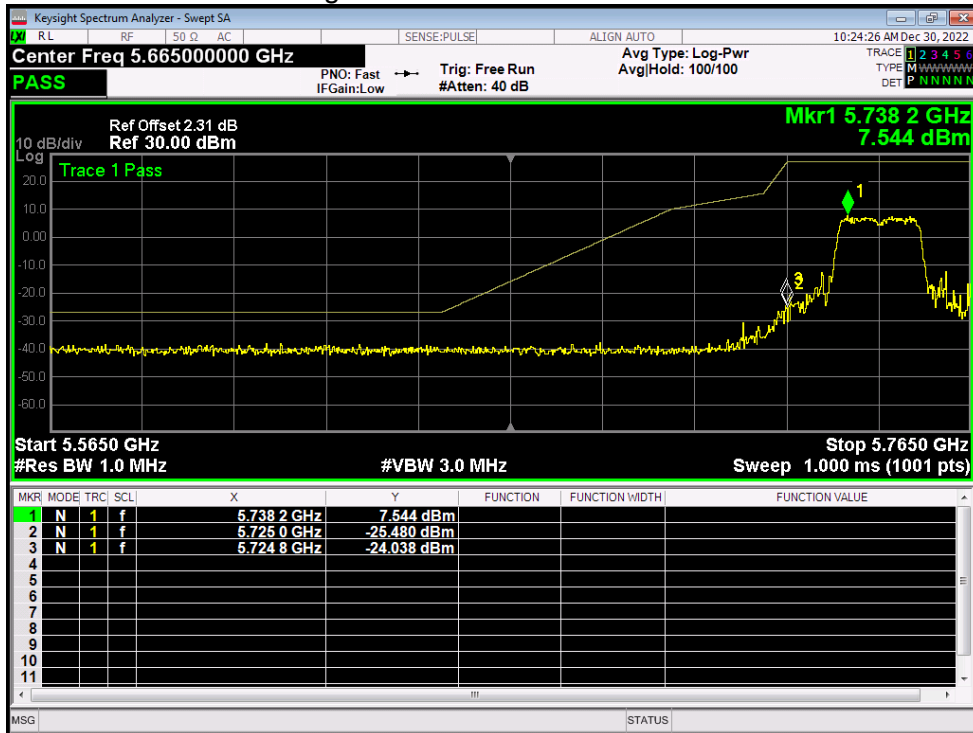
Band Edge NVNT a 5745MHz Low Ant1



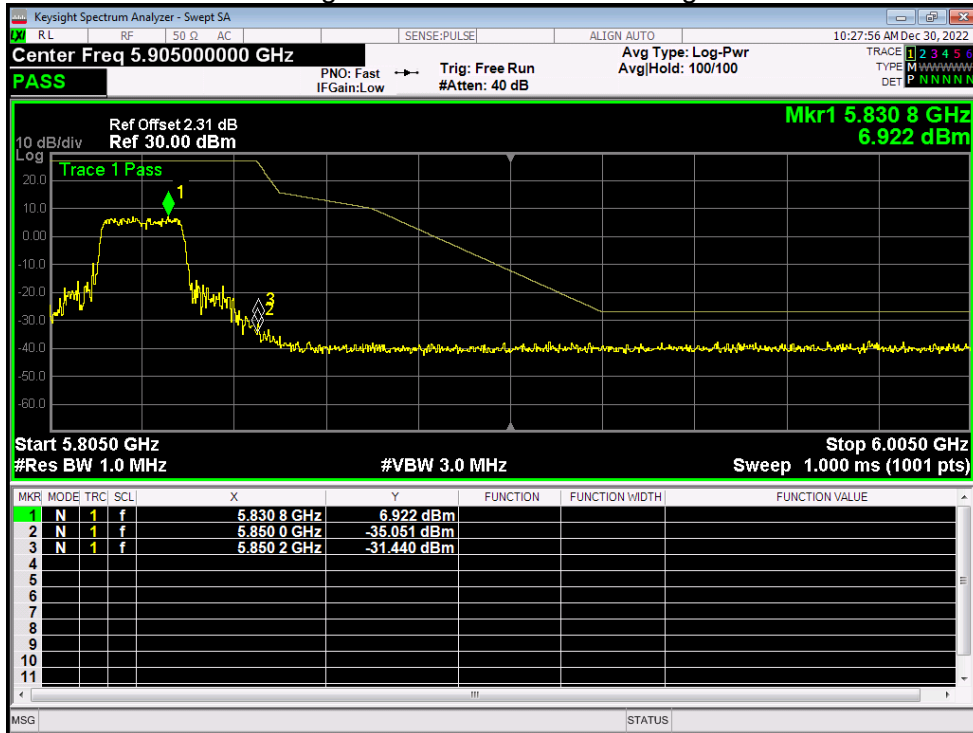
Band Edge NVNT a 5825MHz High Ant1



Band Edge NVNT ac20 5745MHz Low Ant1



Band Edge NVNT ac20 5825MHz High Ant1



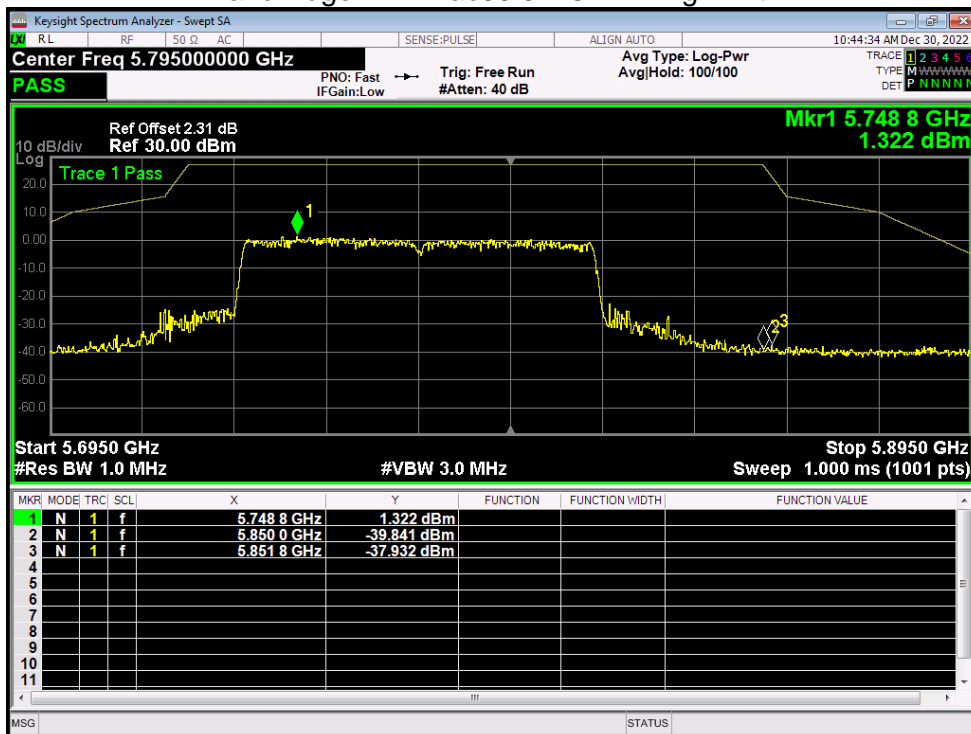
Band Edge NVNT ac40 5755MHz Low Ant1



Band Edge NVNT ac40 5795MHz High Ant1



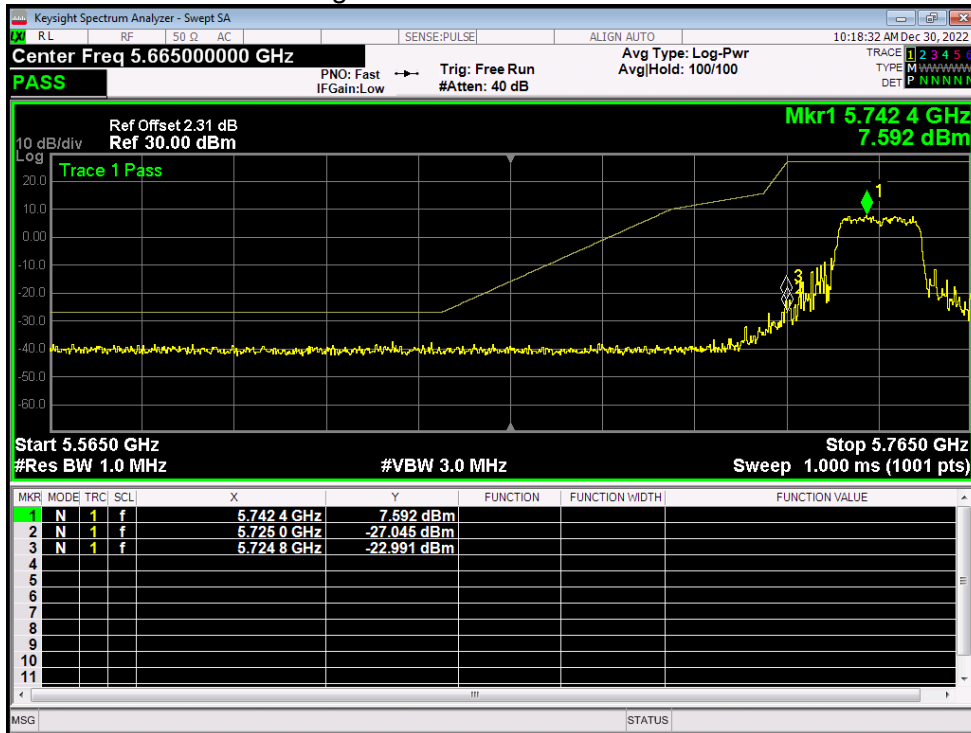
Band Edge NVNT ac80 5775MHz High Ant1



Band Edge NVNT ac80 5775MHz Low Ant1



Band Edge NVNT n20 5745MHz Low Ant1



Band Edge NVNT n20 5825MHz High Ant1



Band Edge NVNT n40 5755MHz Low Ant1



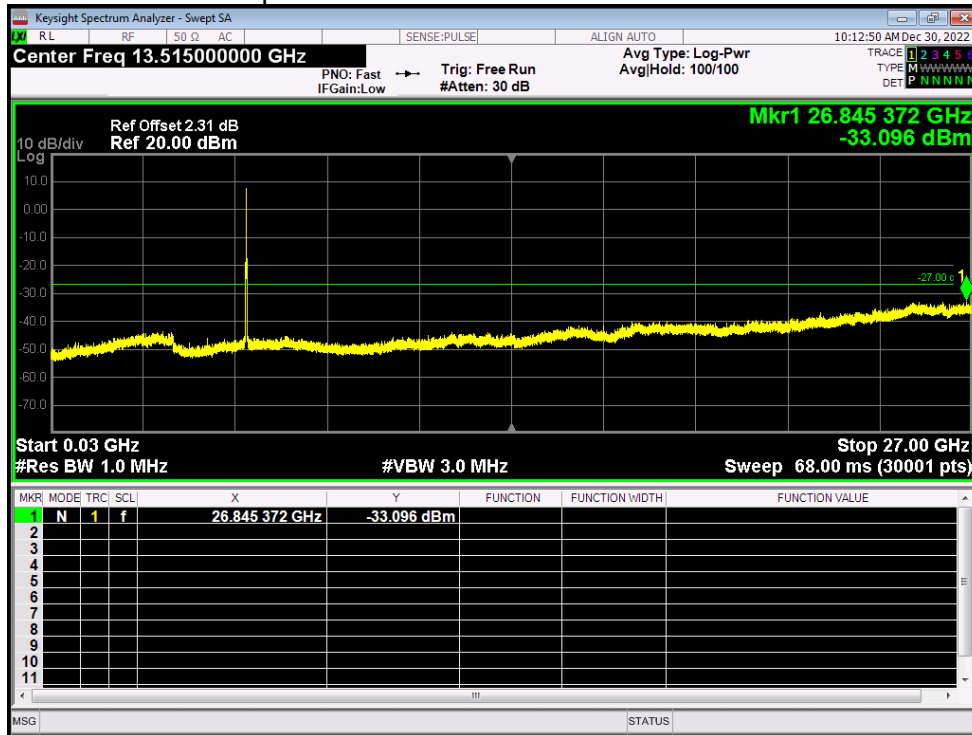
Band Edge NVNT n40 5795MHz High Ant1



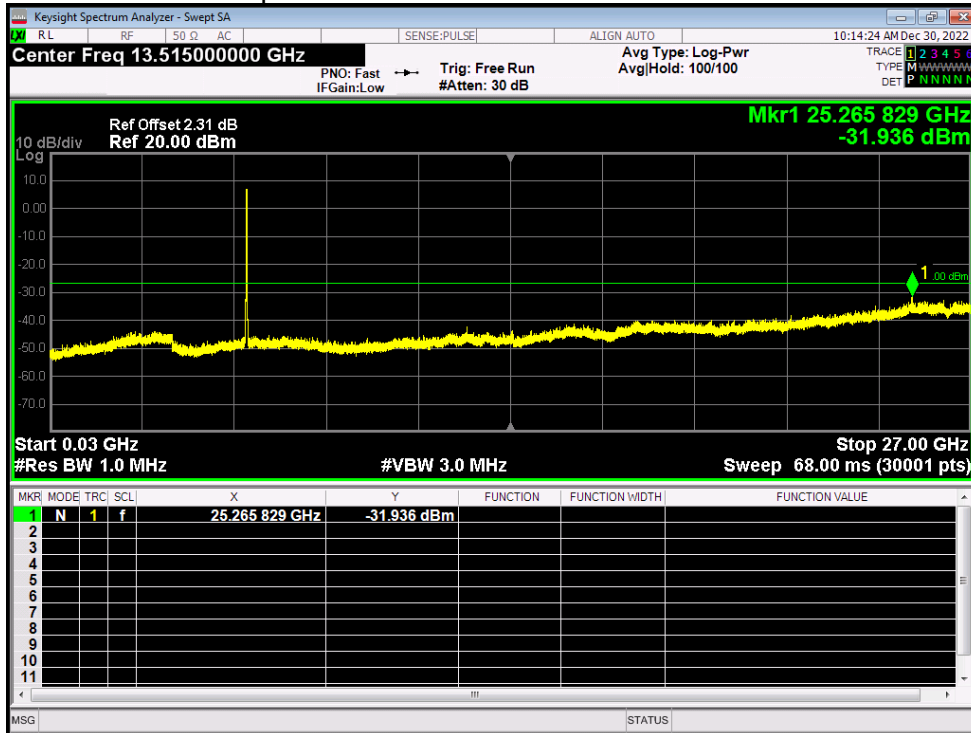
5.7 CONDUCTED RF SPURIOUS EMISSION

Condition	Mode	Frequency (MHz)	Antenna	Max Value (dBc)	Limit (dBc)	Verdict
NVNT	a	5745	Ant1	-33.09	-27	Pass
NVNT	a	5785	Ant1	-31.93	-27	Pass
NVNT	a	5825	Ant1	-32.63	-27	Pass
NVNT	ac20	5745	Ant1	-33.02	-27	Pass
NVNT	ac20	5785	Ant1	-31.73	-27	Pass
NVNT	ac20	5825	Ant1	-32.49	-27	Pass
NVNT	ac40	5755	Ant1	-32.92	-27	Pass
NVNT	ac40	5795	Ant1	-31.91	-27	Pass
NVNT	ac80	5775	Ant1	-32.73	-27	Pass
NVNT	n20	5745	Ant1	-32.8	-27	Pass
NVNT	n20	5785	Ant1	-31.63	-27	Pass
NVNT	n20	5825	Ant1	-32.88	-27	Pass
NVNT	n40	5755	Ant1	-32	-27	Pass
NVNT	n40	5795	Ant1	-32.7	-27	Pass

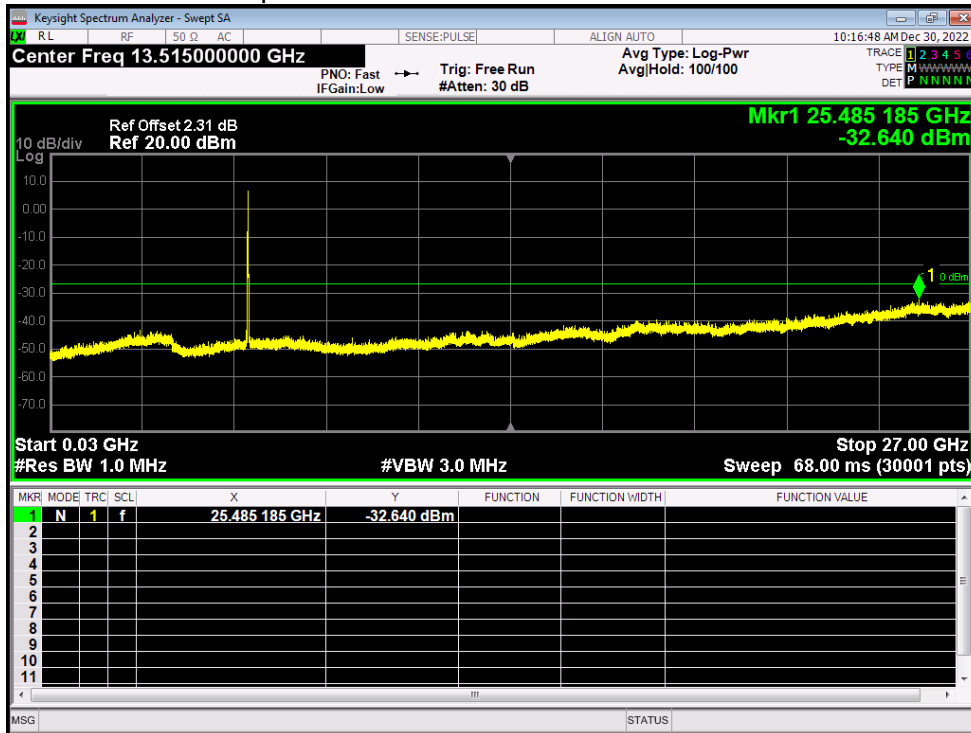
Tx. Spurious NVNT a 5745MHz Ant1 Emission



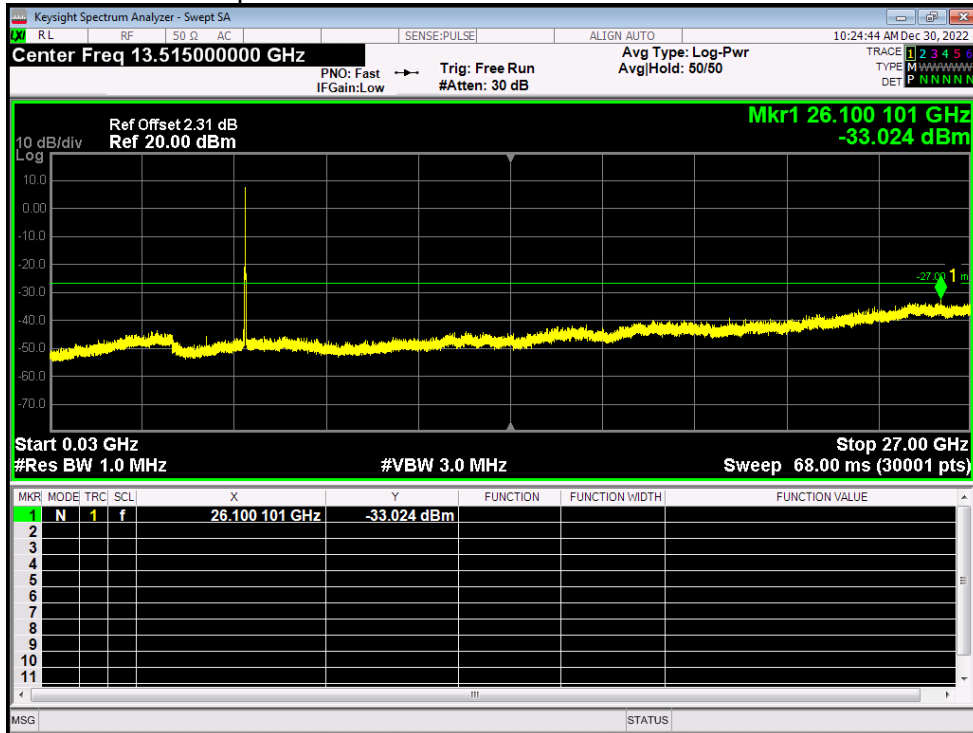
Tx. Spurious NVNT a 5785MHz Ant1 Emission



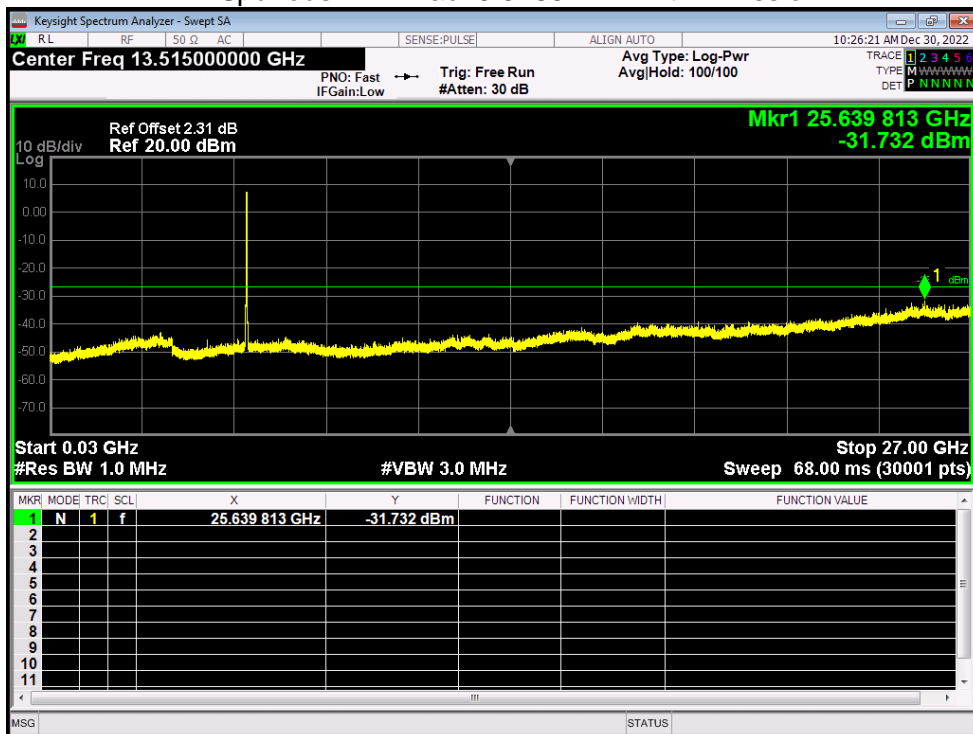
Tx. Spurious NVNT a 5825MHz Ant1 Emission



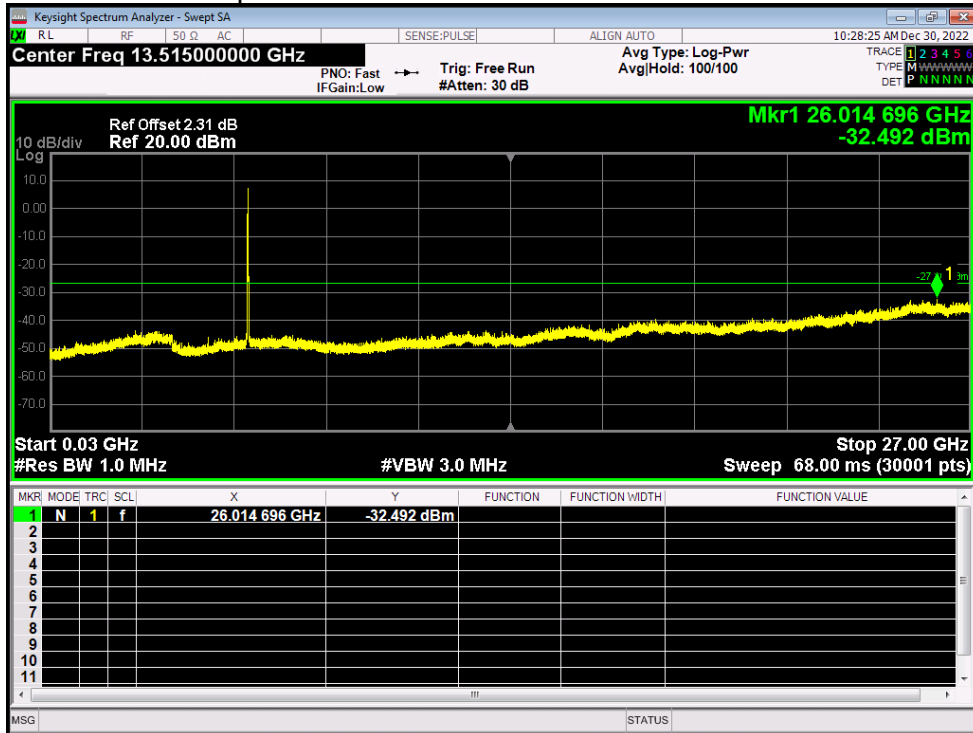
Tx. Spurious NVNT ac20 5745MHz Ant1 Emission



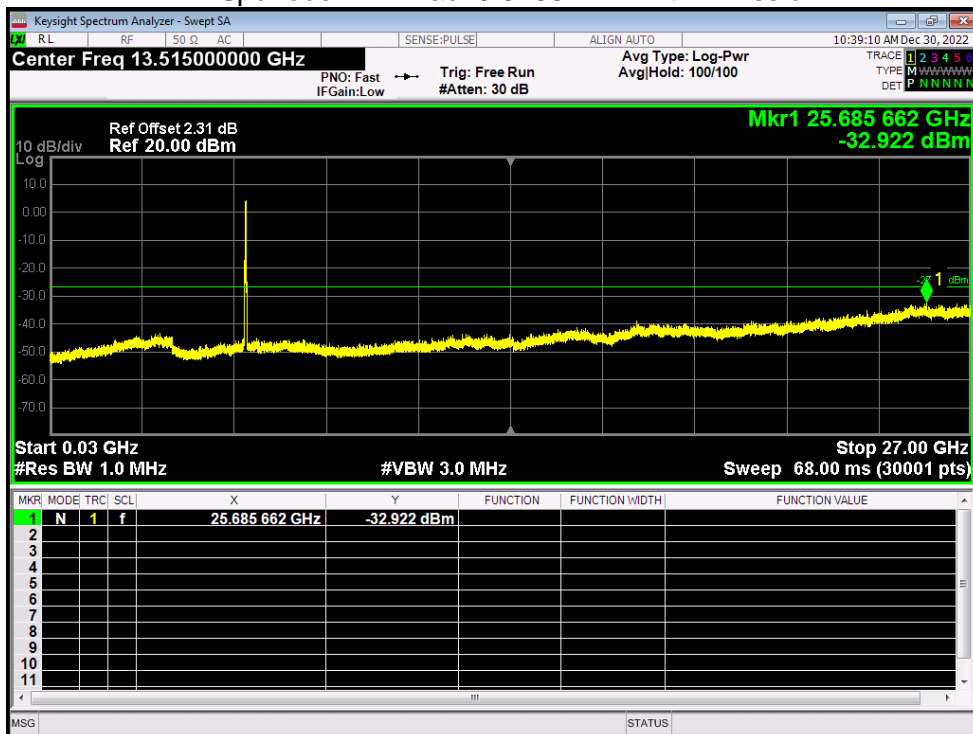
Tx. Spurious NVNT ac20 5785MHz Ant1 Emission



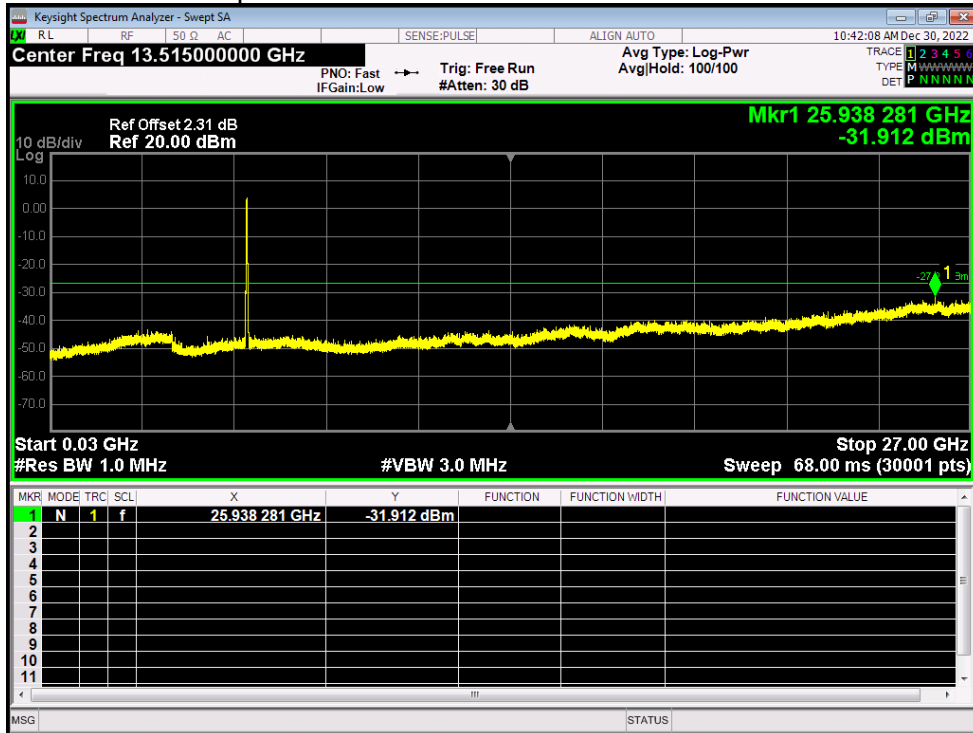
Tx. Spurious NVNT ac20 5825MHz Ant1 Emission



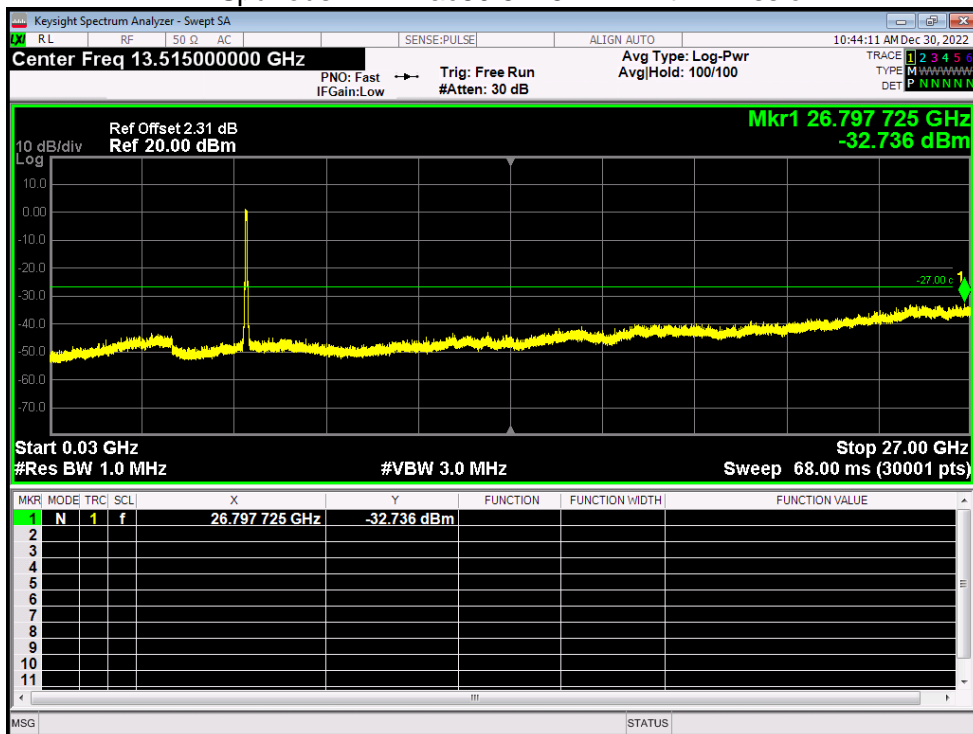
Tx. Spurious NVNT ac40 5755MHz Ant1 Emission



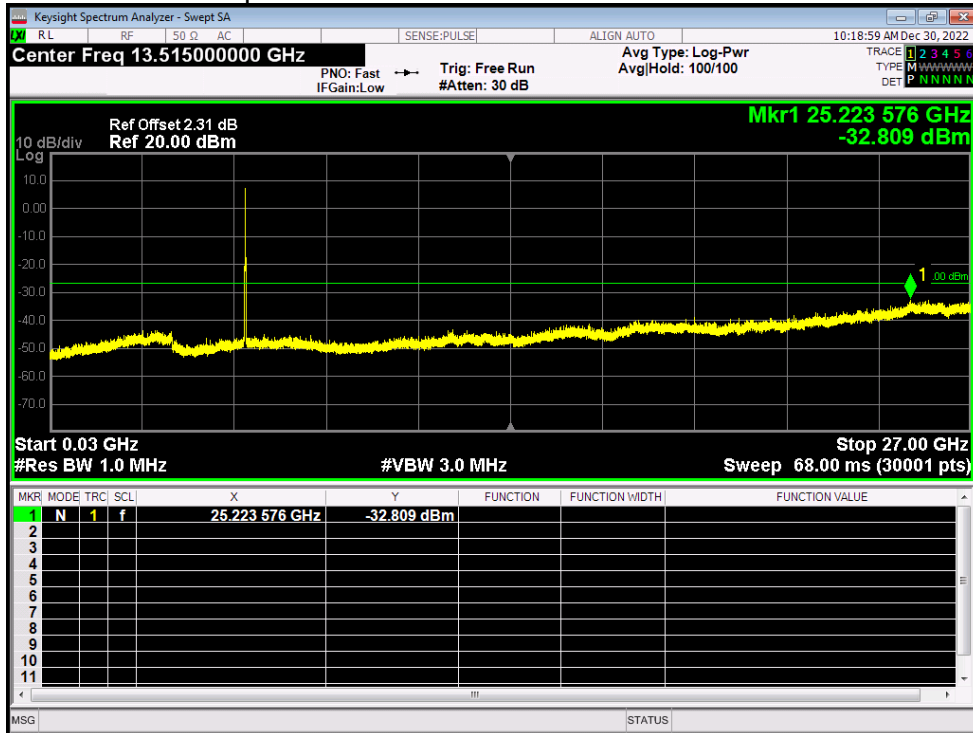
Tx. Spurious NVNT ac40 5795MHz Ant1 Emission



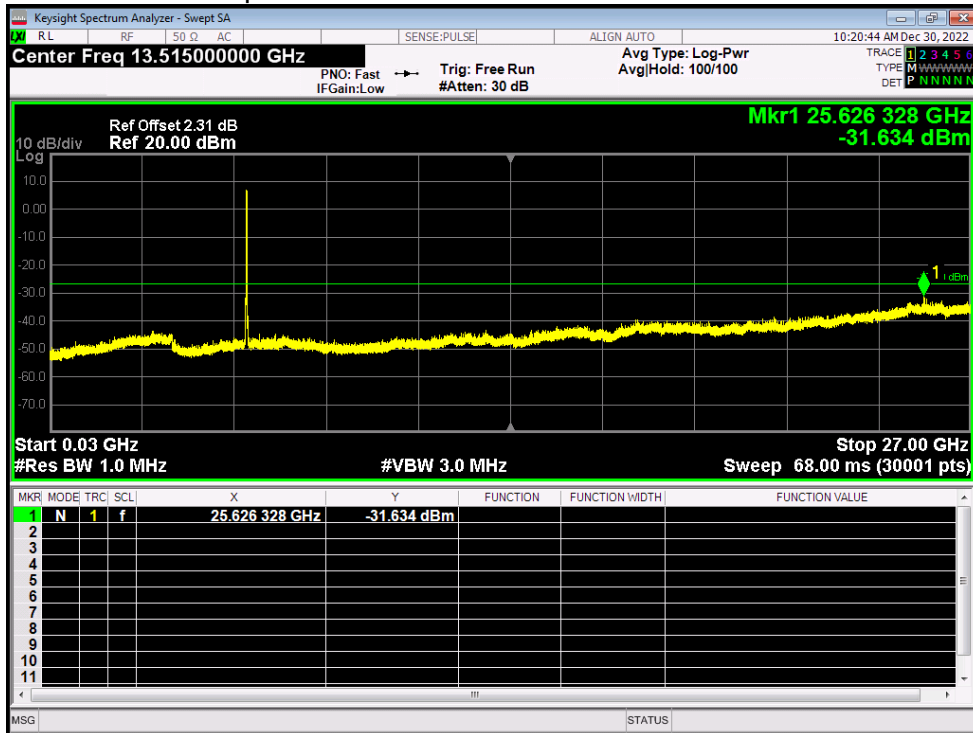
Tx. Spurious NVNT ac80 5775MHz Ant1 Emission



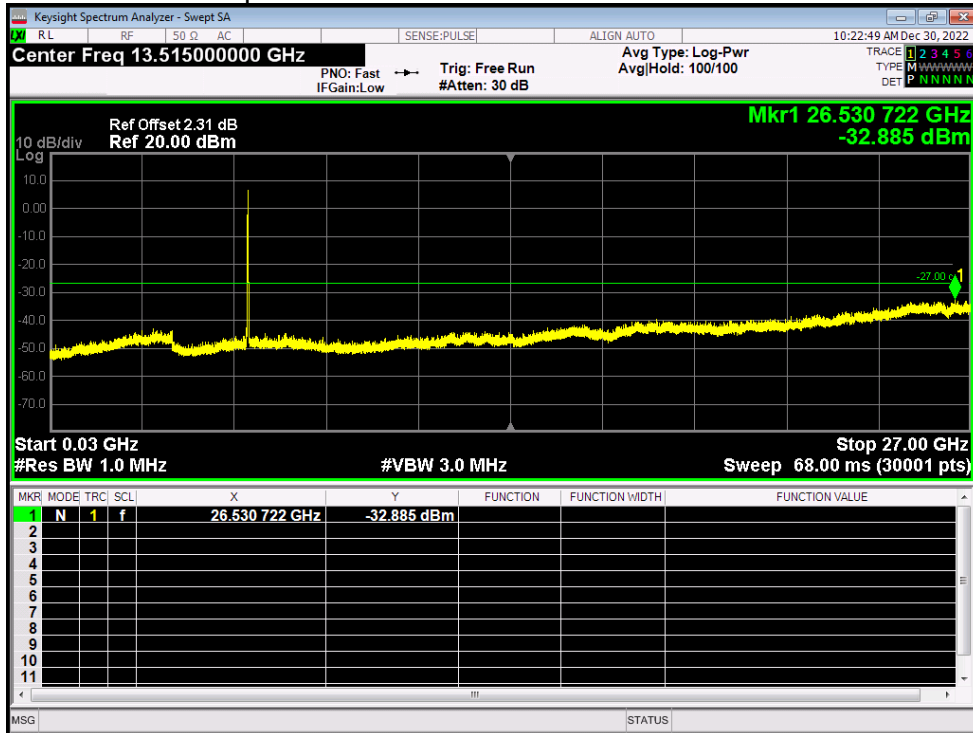
Tx. Spurious NVNT n20 5745MHz Ant1 Emission



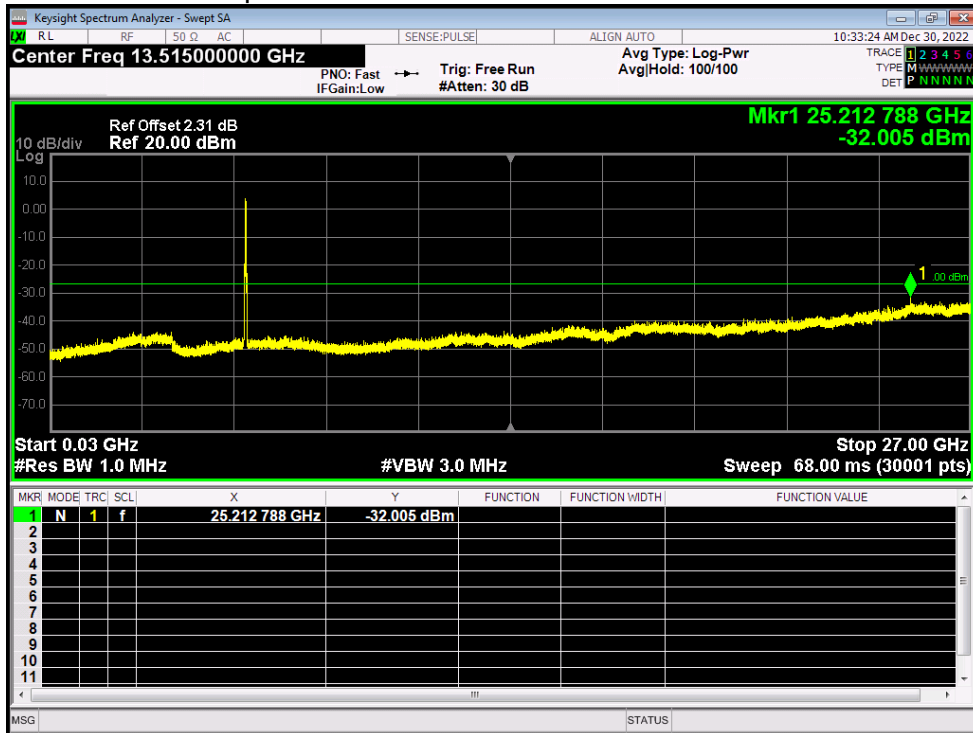
Tx. Spurious NVNT n20 5785MHz Ant1 Emission



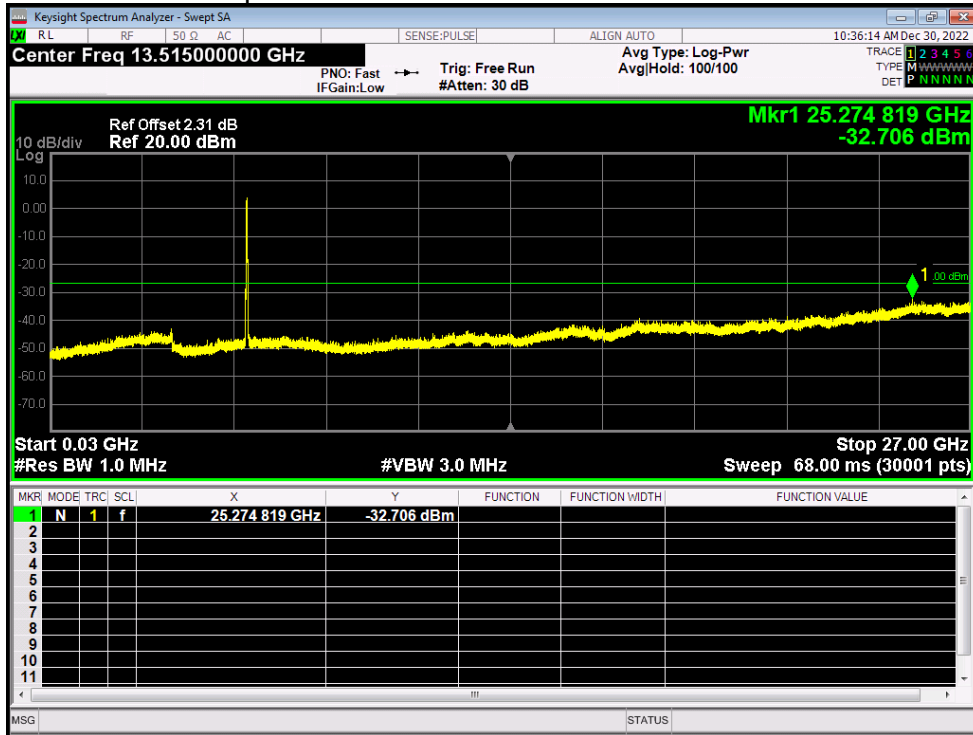
Tx. Spurious NVNT n20 5825MHz Ant1 Emission



Tx. Spurious NVNT n40 5755MHz Ant1 Emission



Tx. Spurious NVNT n40 5795MHz Ant1 Emission



END OF REPORT