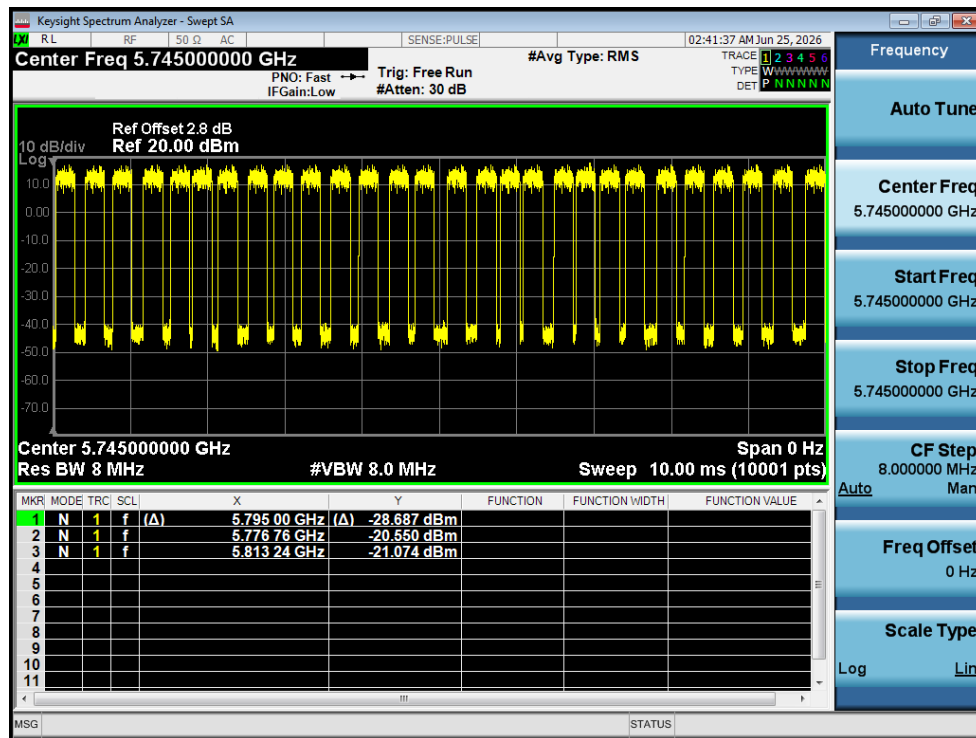


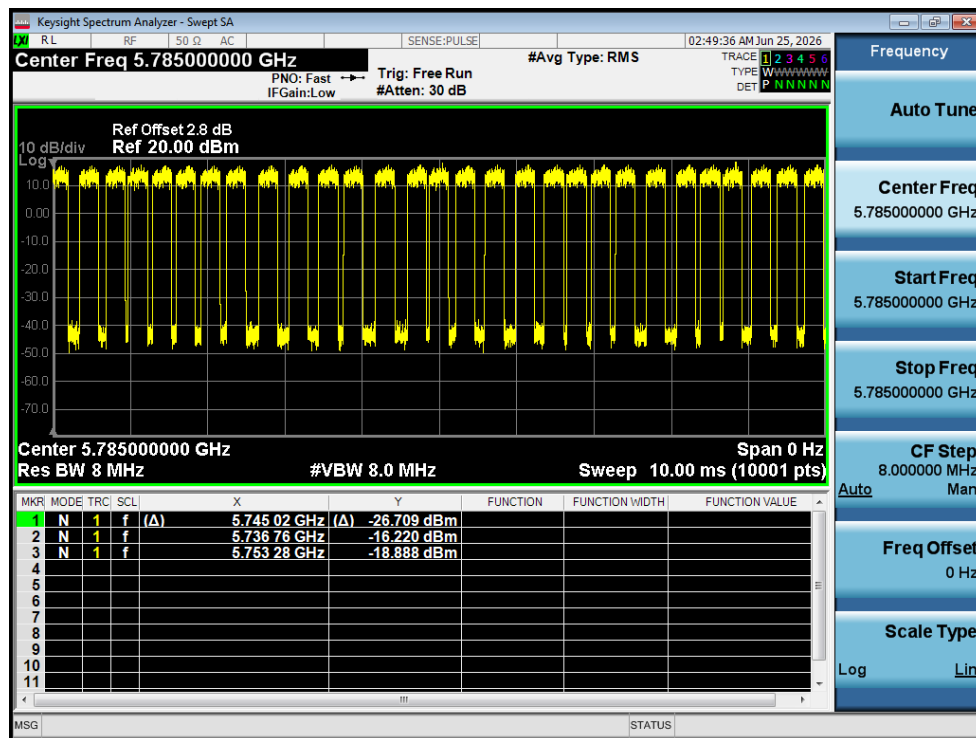
Test Data Appendix of Test Report

1. Duty Cycle

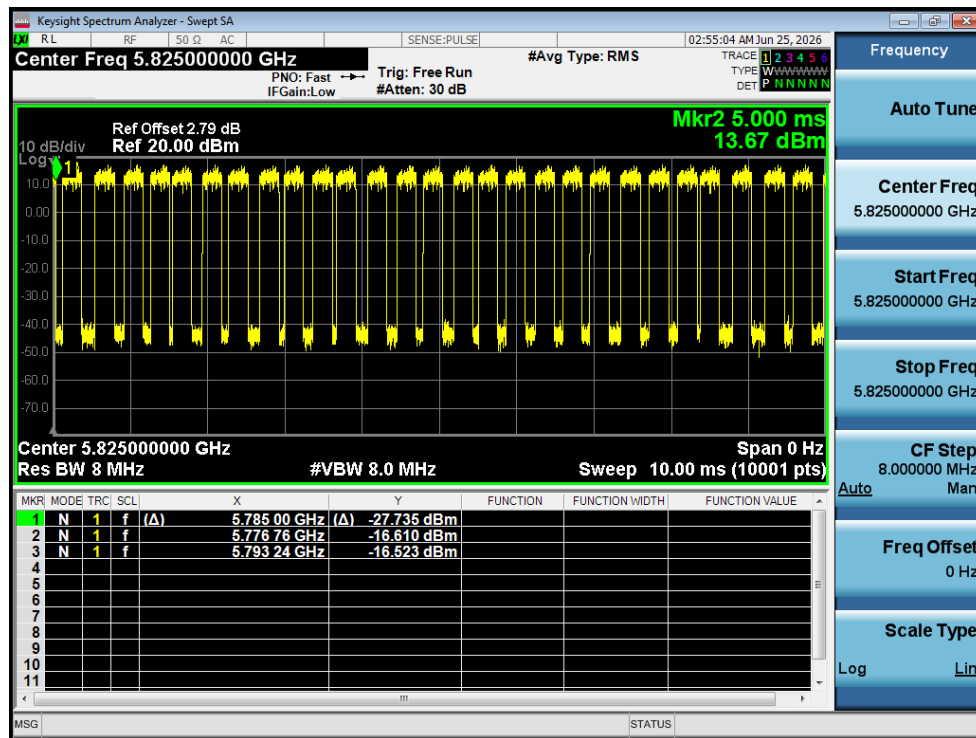
Condition	Mode	Frequency (MHz)	Antenna	Duty Cycle (%)	Correction Factor (dB)	1/T (kHz)
NVNT	a	5745	Ant1	64.68	1.89	4.02
NVNT	a	5785	Ant1	63.2	1.99	4.02
NVNT	a	5825	Ant1	73.24	1.35	4.02
NVNT	n20	5745	Ant1	69.83	1.56	4
NVNT	n20	5785	Ant1	60.68	2.17	4
NVNT	n20	5825	Ant1	77.64	1.1	4
NVNT	n40	5755	Ant1	92.83	0.32	1.06
NVNT	n40	5795	Ant1	92.11	0.36	1.06
NVNT	ac20	5745	Ant1	77.33	1.12	4.02
NVNT	ac20	5785	Ant1	63.45	1.98	4
NVNT	ac20	5825	Ant1	79.55	0.99	4.02
NVNT	ac40	5755	Ant1	90.53	0.43	1.06
NVNT	ac40	5795	Ant1	89.75	0.47	1.06
NVNT	ac80	5775	Ant1	34.93	4.57	13.7



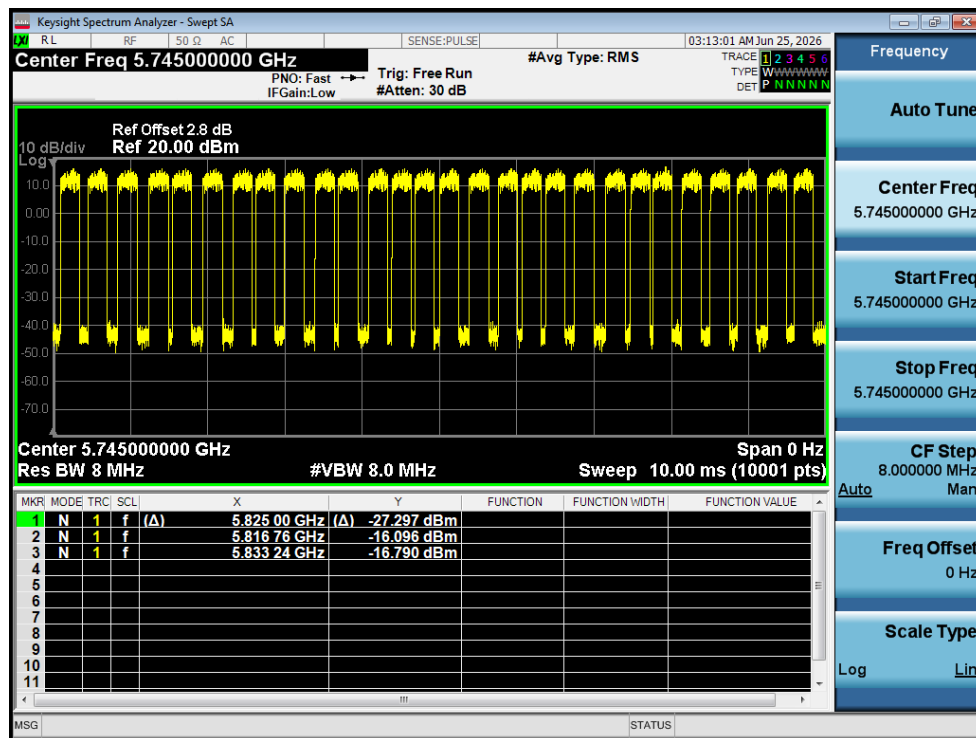
Duty Cycle NVNT a 5745MHz Ant1



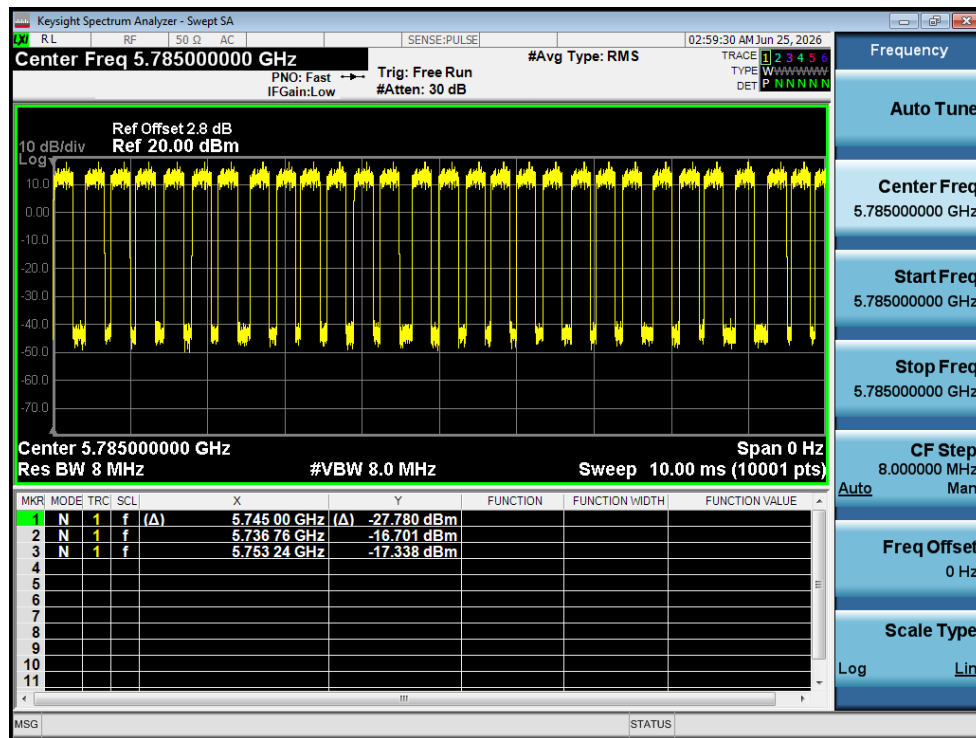
Duty Cycle NVNT a 5785MHz Ant1



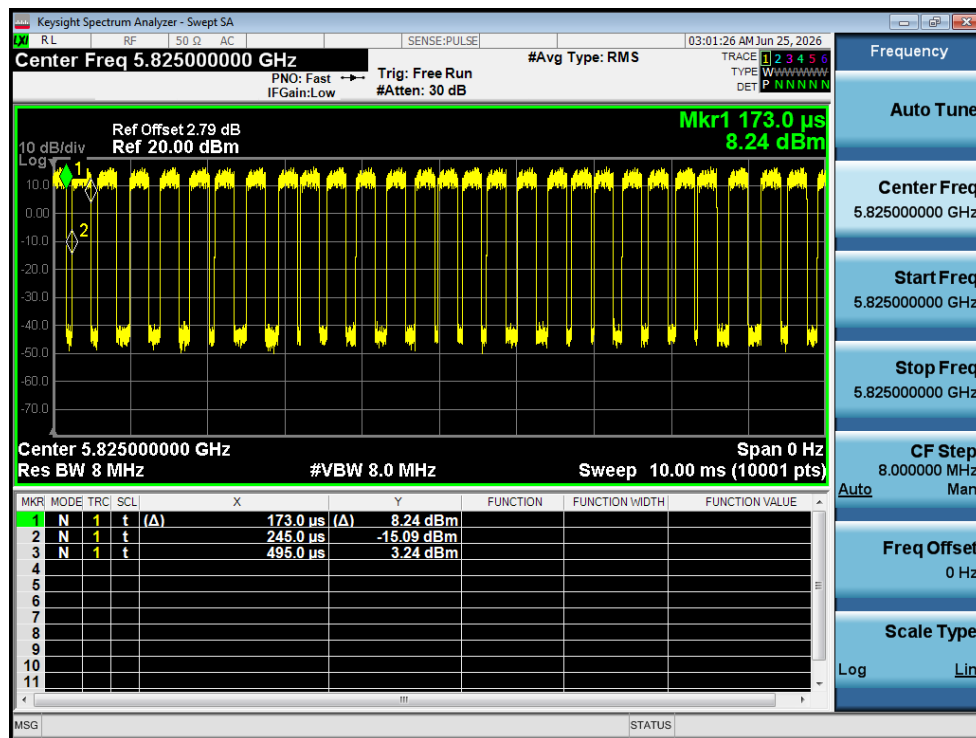
Duty Cycle NVNT a 5825MHz Ant1



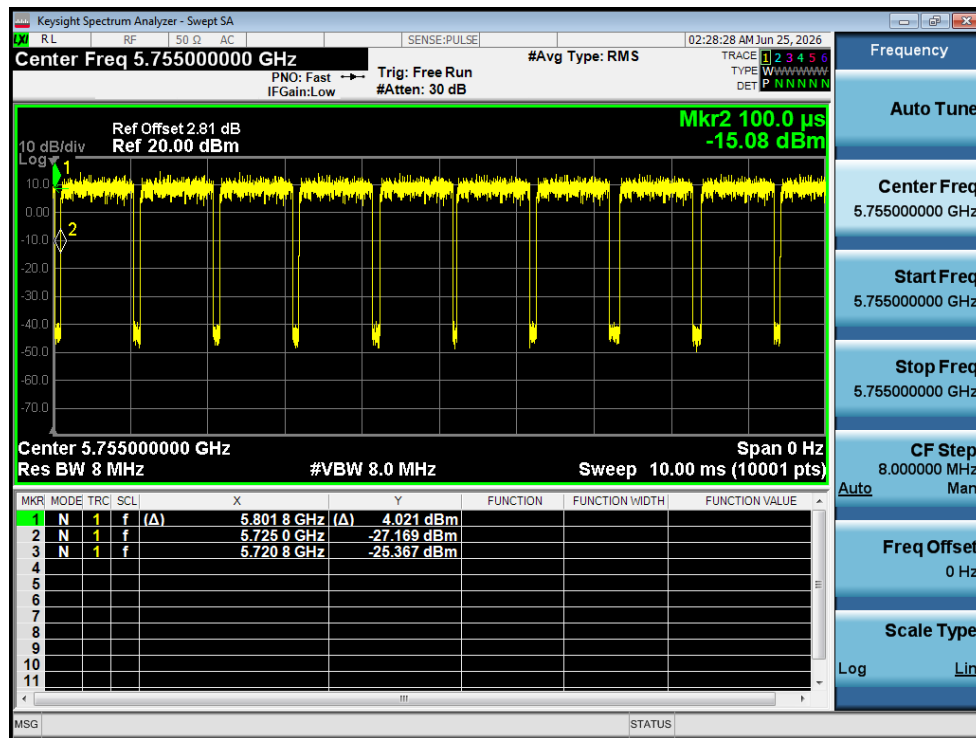
Duty Cycle NVNT n20 5745MHz Ant1



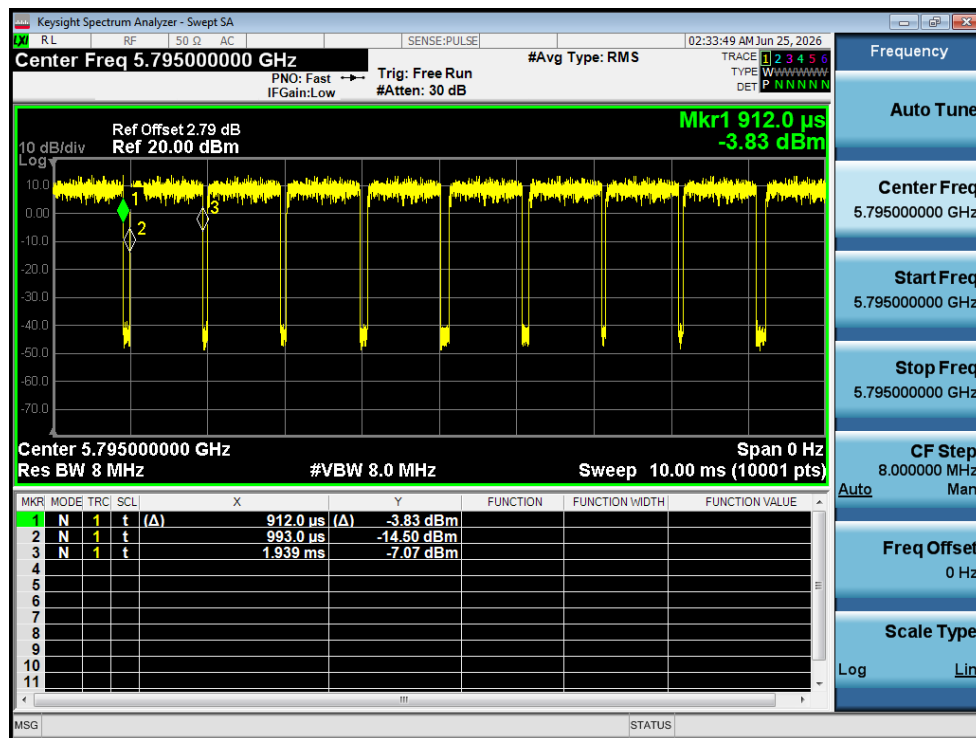
Duty Cycle NVNT n20 5785MHz Ant1



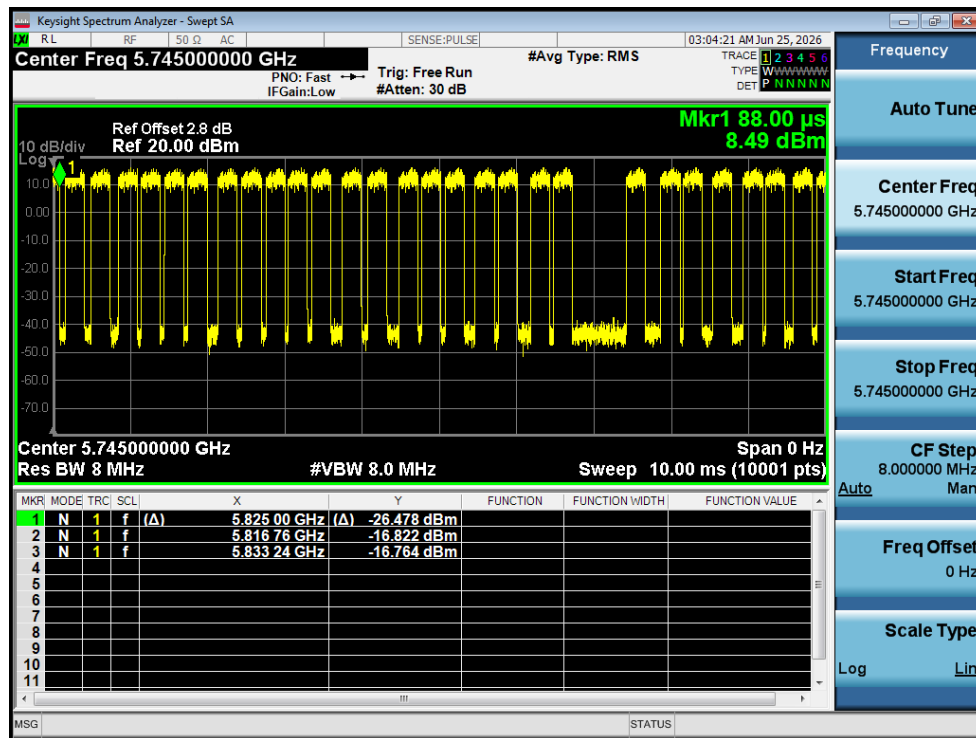
Duty Cycle NVNT n20 5825MHz Ant1



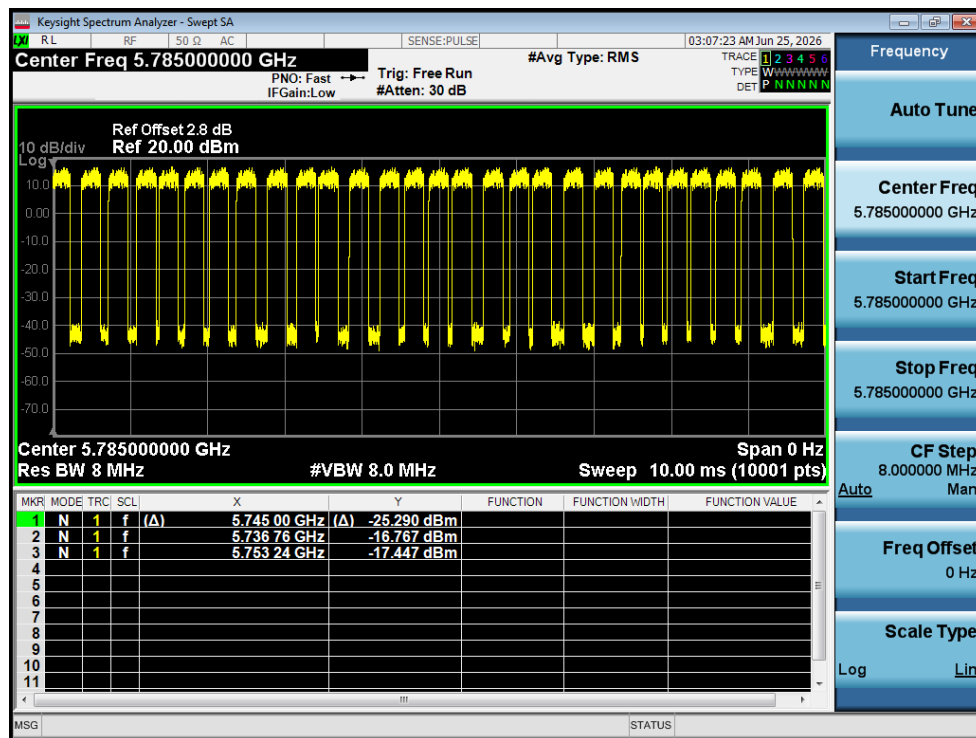
Duty Cycle NVNT n40 5755MHz Ant1



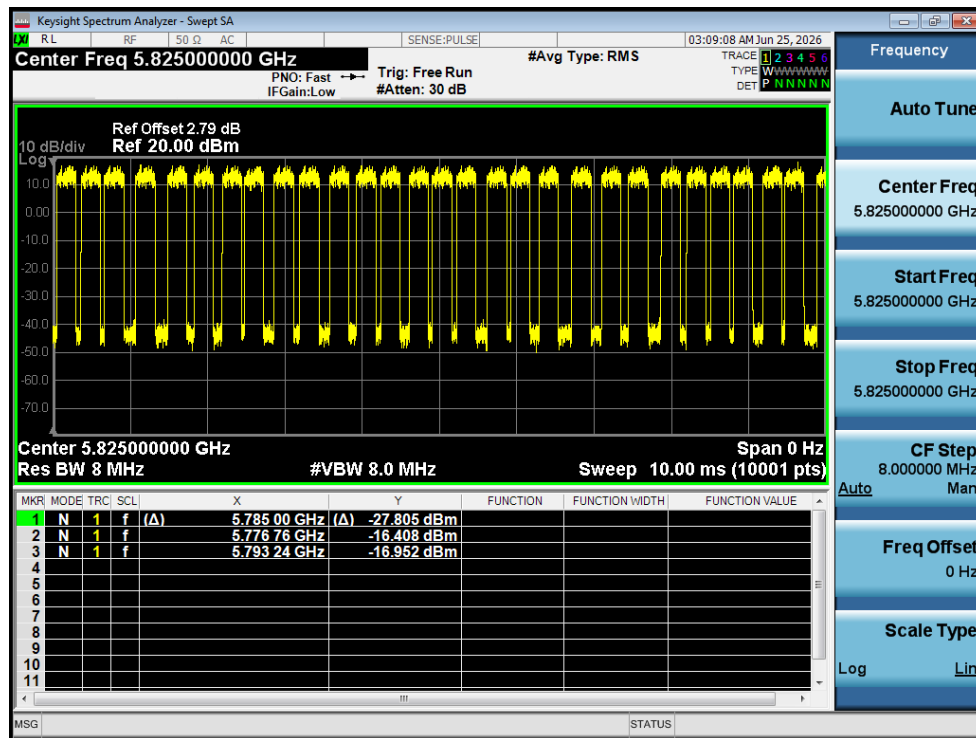
Duty Cycle NVNT n40 5795MHz Ant1



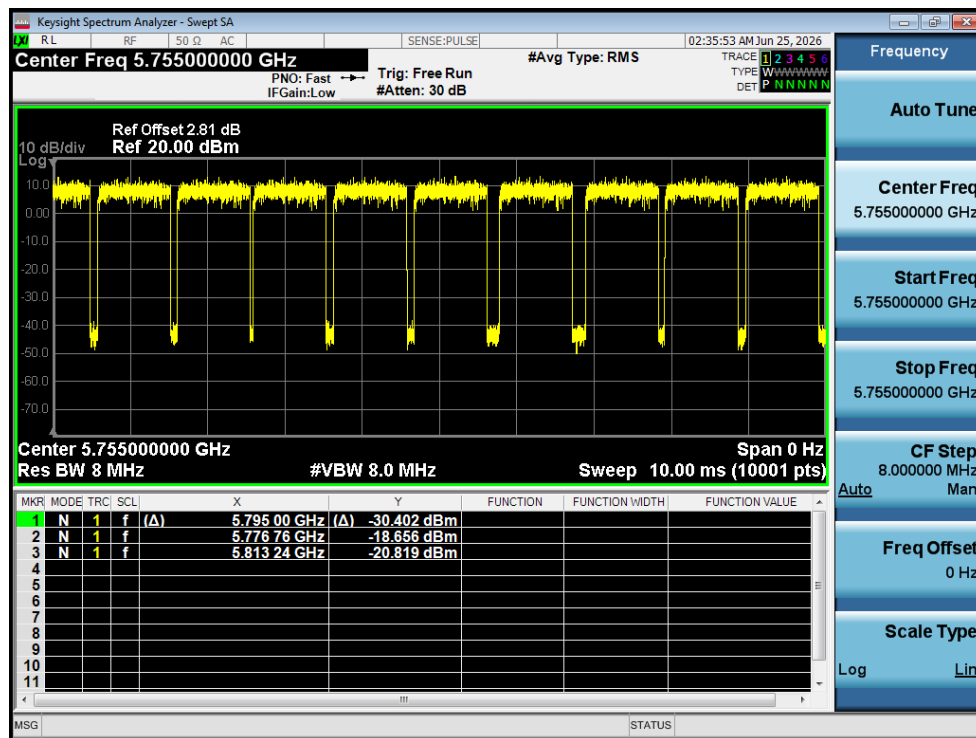
Duty Cycle NVNT ac20 5745MHz Ant1



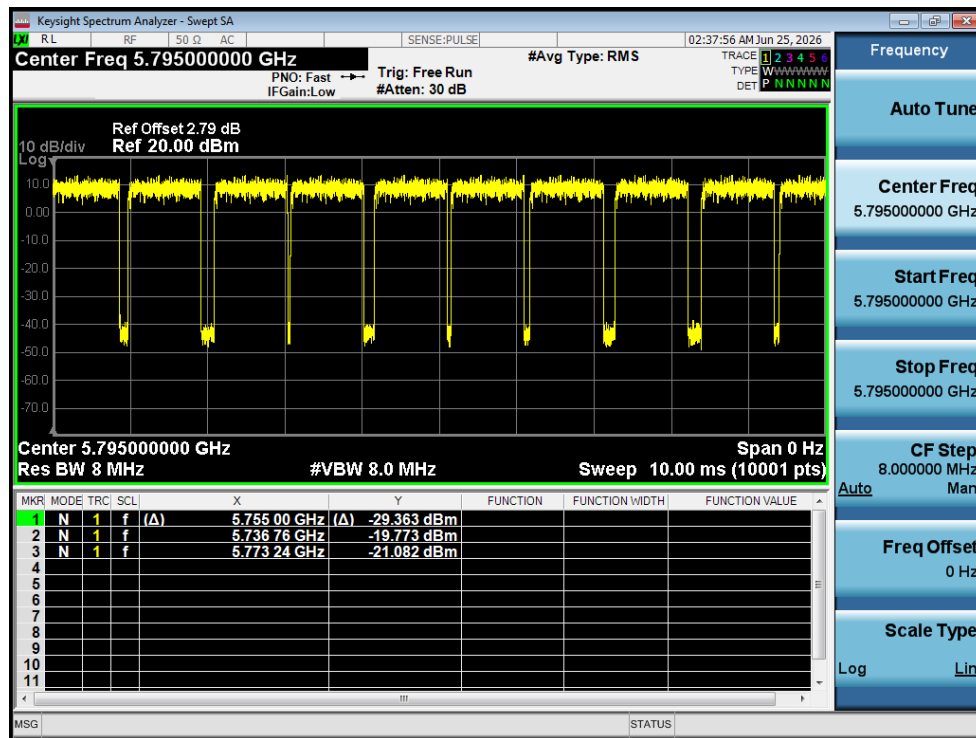
Duty Cycle NVNT ac20 5785MHz Ant1



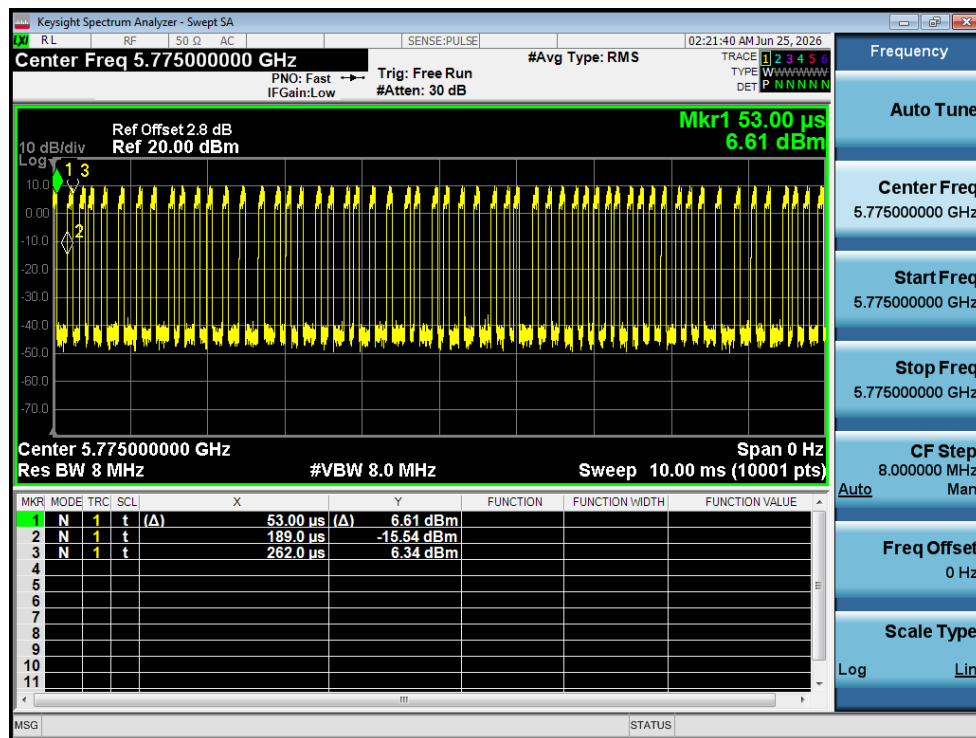
Duty Cycle NVNT ac20 5825MHz Ant1



Duty Cycle NVNT ac40 5755MHz Ant1



Duty Cycle NVNT ac40 5795MHz Ant1



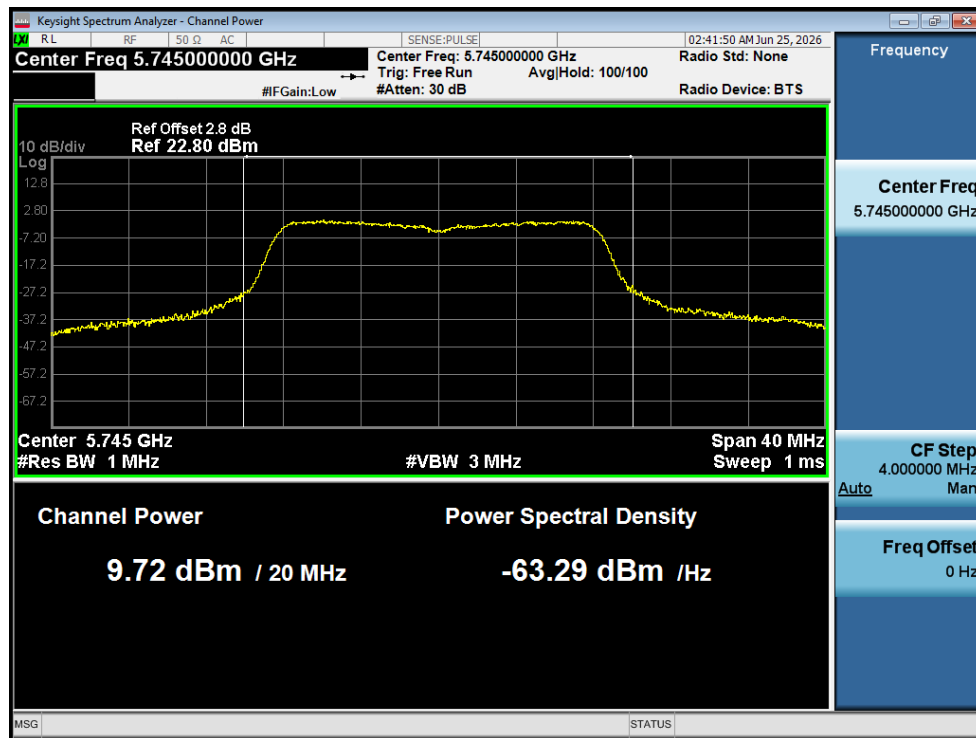
Duty Cycle NVNT ac80 5775MHz Ant1

2. Maximum Conducted Output Power

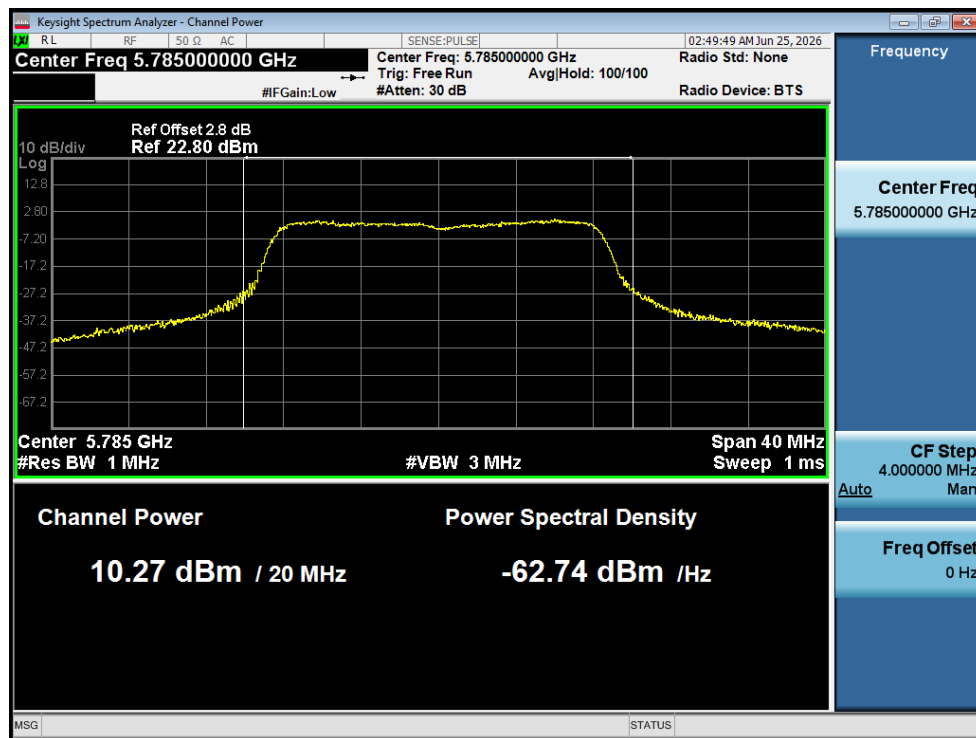
Condition	Mode	Frequency (MHz)	Antenna	Conducted Power (dBm)	Duty Factor (dB)	Total Power (dBm)	Limit (dBm)	Verdict
NVNT	a	5745	Ant1	9.72	1.89	11.61	30	Pass
NVNT	a	5785	Ant1	10.27	1.99	12.26	30	Pass
NVNT	a	5825	Ant1	9.9	1.35	11.25	30	Pass
NVNT	n20	5745	Ant1	9.39	1.56	10.95	30	Pass
NVNT	n20	5785	Ant1	10	2.17	12.17	30	Pass
NVNT	n20	5825	Ant1	9.95	1.1	11.05	30	Pass
NVNT	n40	5755	Ant1	10.35	0.32	10.67	30	Pass
NVNT	n40	5795	Ant1	10.36	0.36	10.72	30	Pass
NVNT	ac20	5745	Ant1	9.26	1.12	10.38	30	Pass
NVNT	ac20	5785	Ant1	9.96	1.98	11.94	30	Pass
NVNT	ac20	5825	Ant1	9.9	0.99	10.89	30	Pass
NVNT	ac40	5755	Ant1	9.83	0.43	10.26	30	Pass
NVNT	ac40	5795	Ant1	10.38	0.47	10.85	30	Pass
NVNT	ac80	5775	Ant1	8.4	4.57	12.97	30	Pass

Note1: Total power=Conducted power + Duty factor

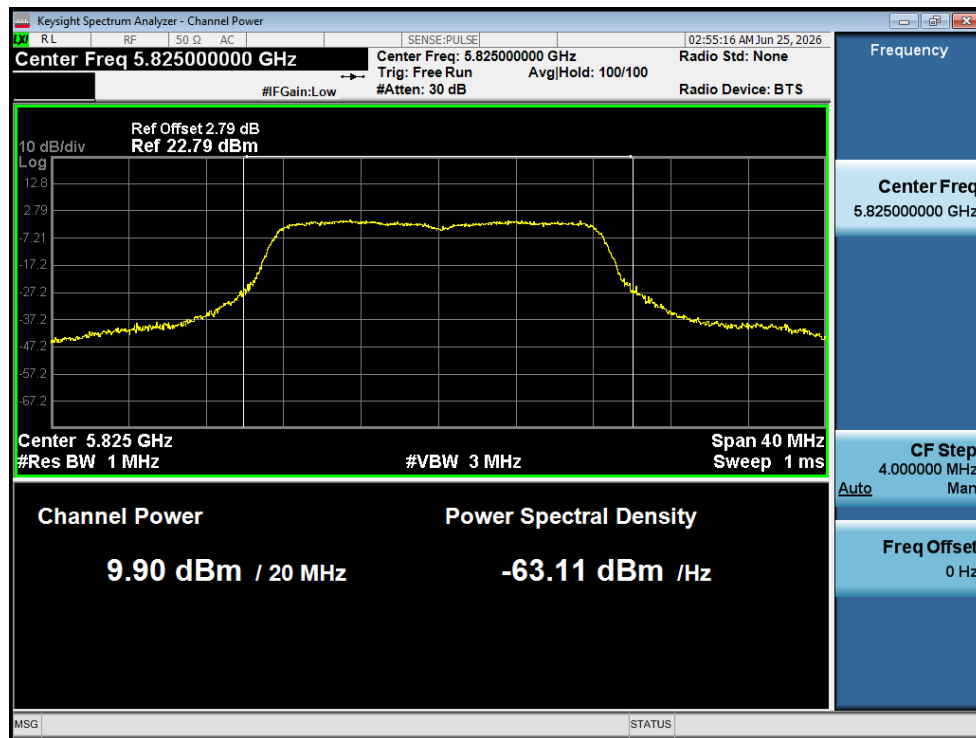
Note 2: Antenna Gain: 2.98dBi



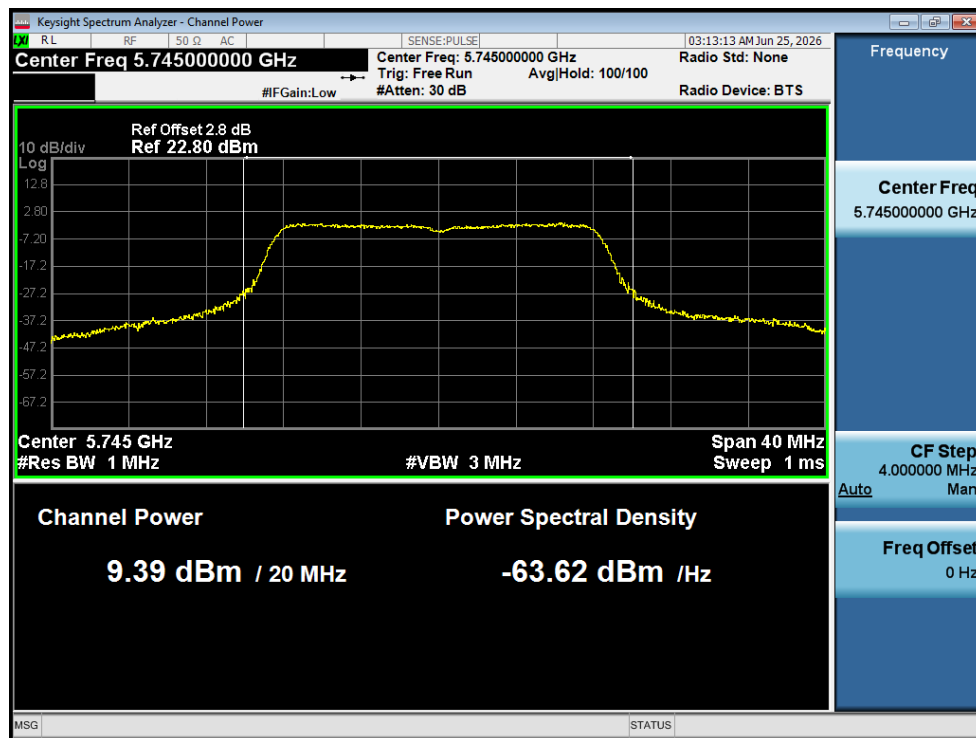
Power NVNT a 5745MHz Ant1



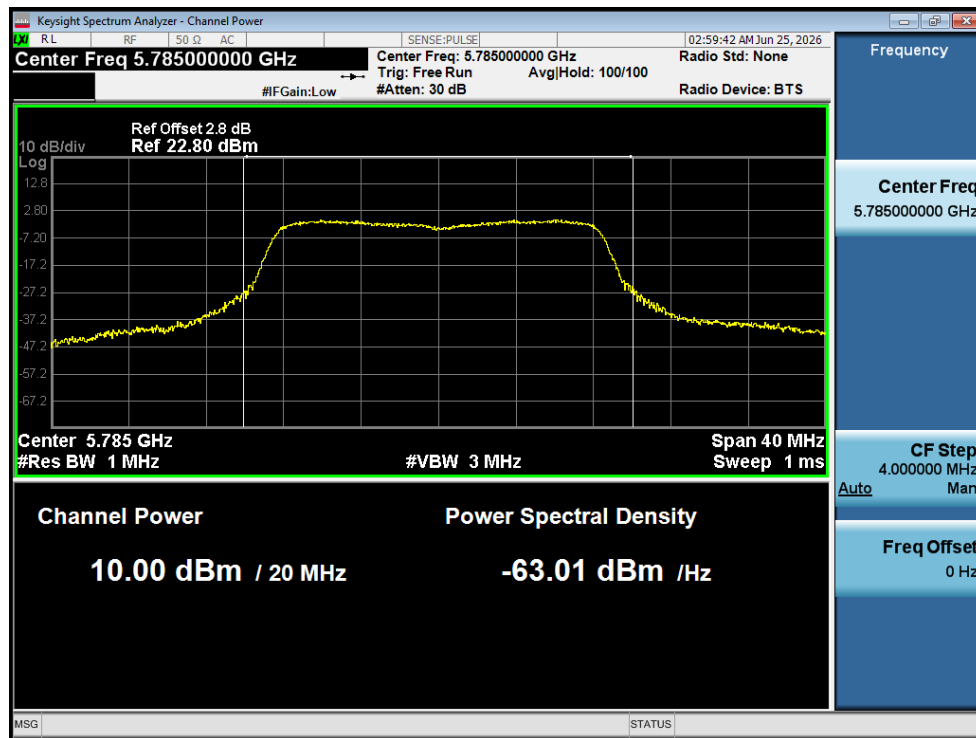
Power NVNT a 5785MHz Ant1



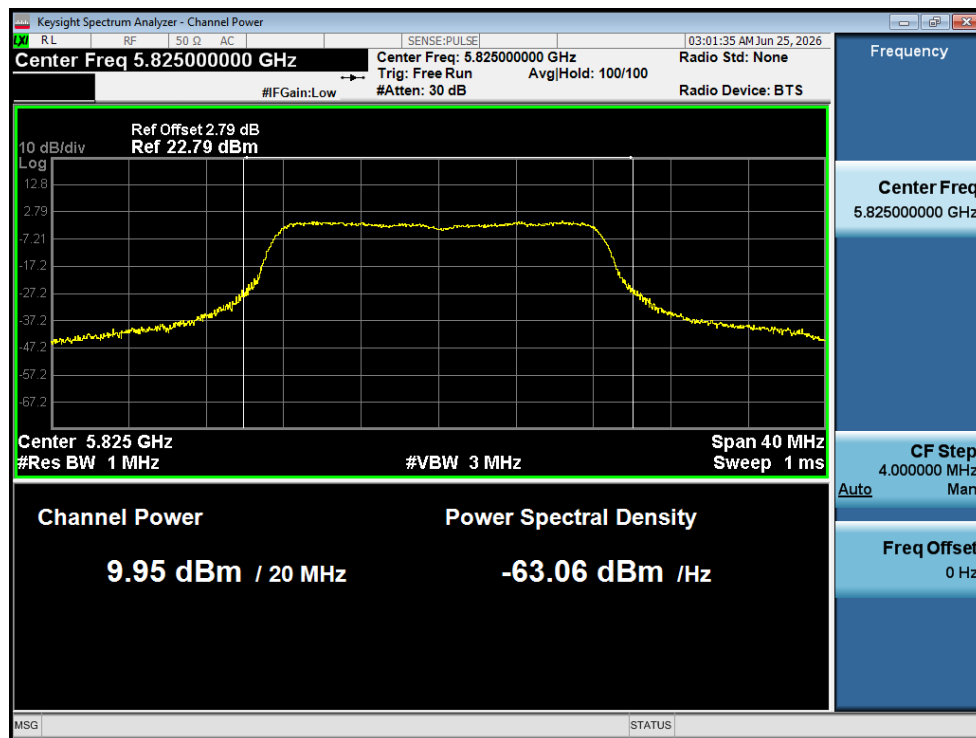
Power NVNT a 5825MHz Ant1



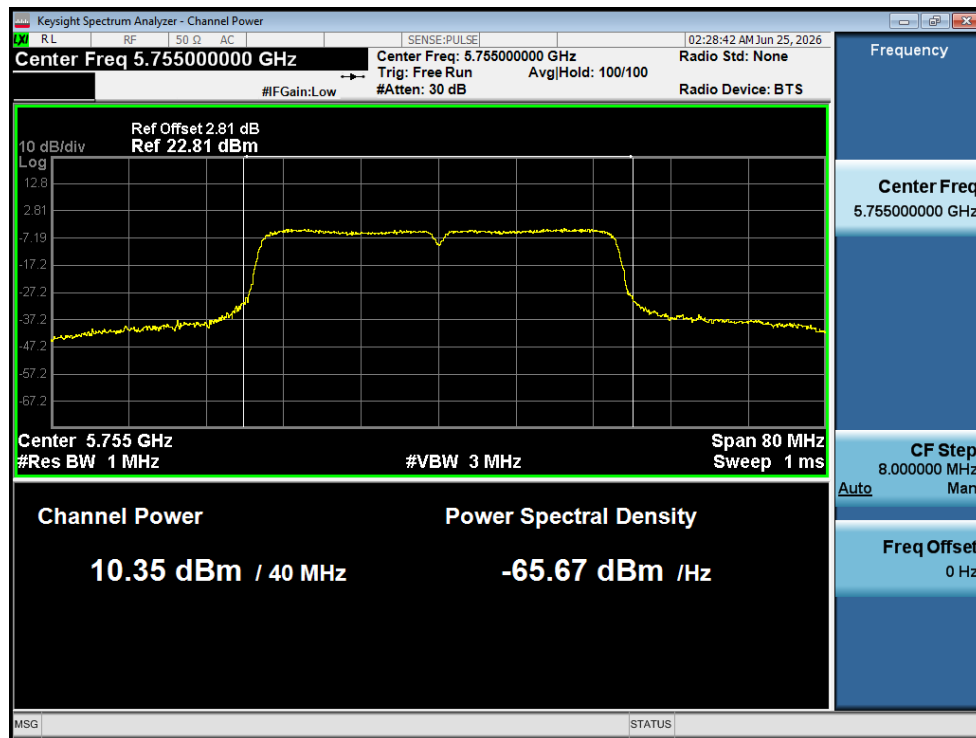
Power NVNT n20 5745MHz Ant1



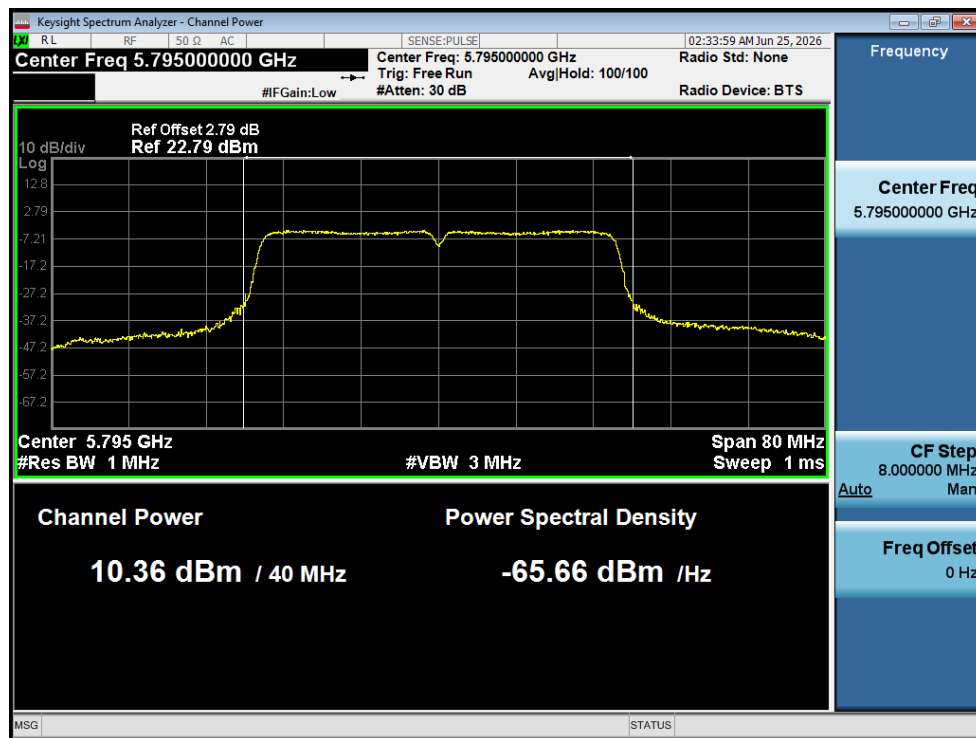
Power NVNT n20 5785MHz Ant1



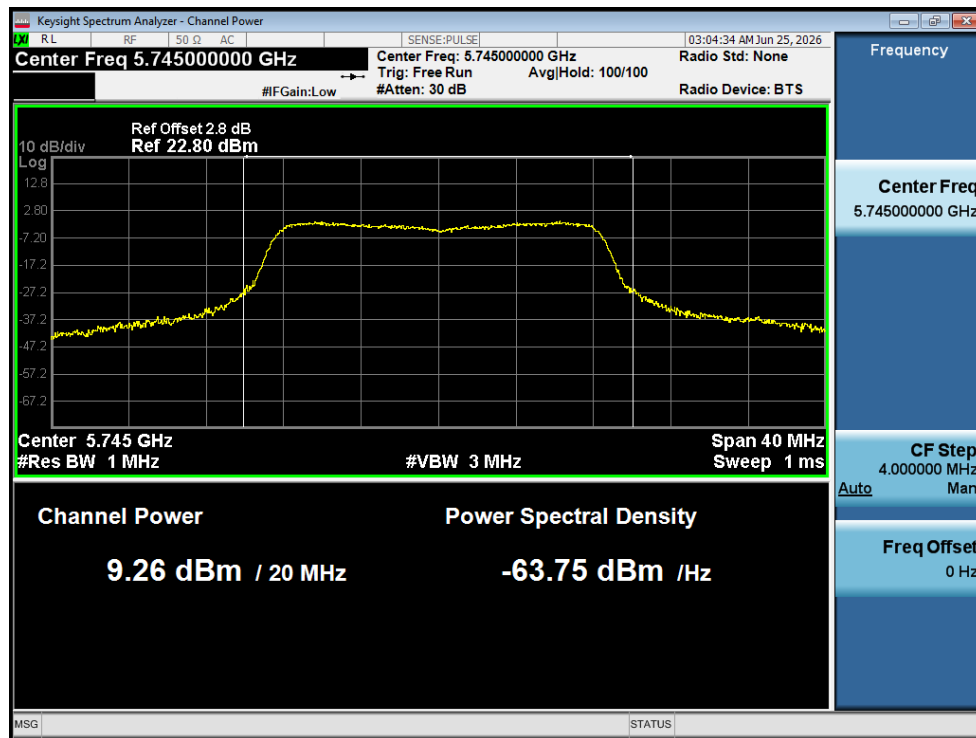
Power NVNT n20 5825MHz Ant1



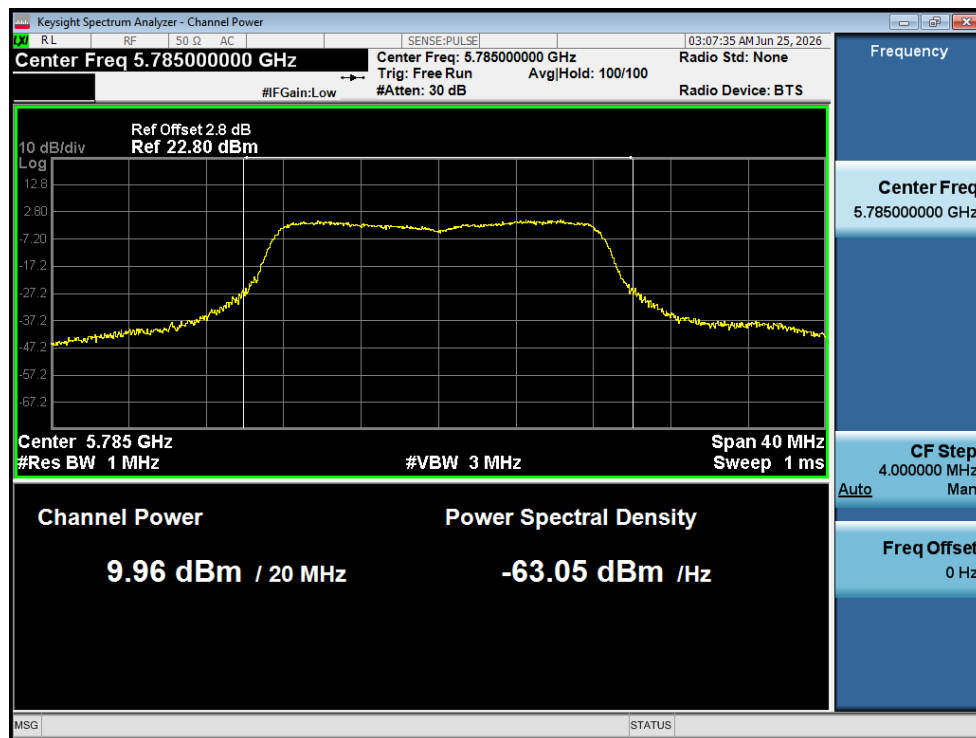
Power NVNT n40 5755MHz Ant1



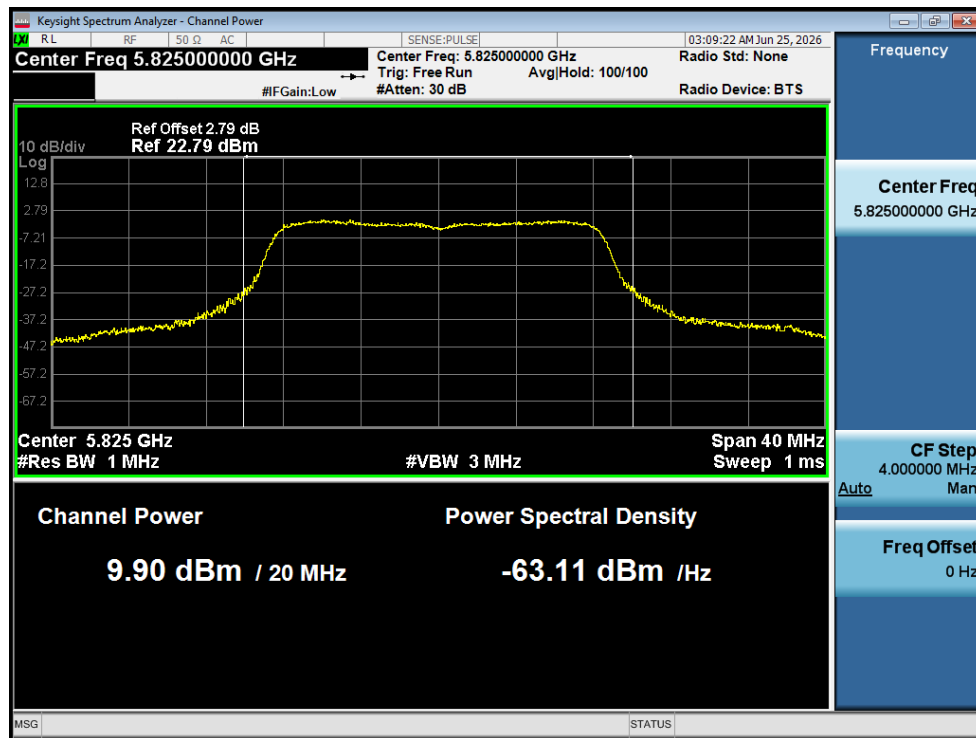
Power NVNT n40 5795MHz Ant1



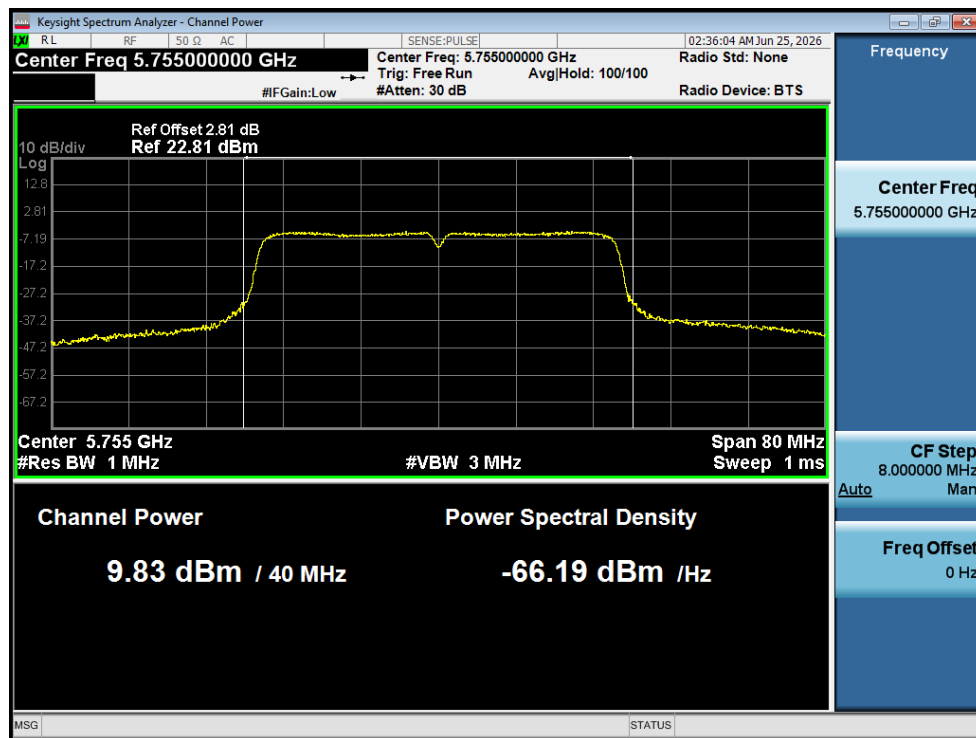
Power NVNT ac20 5745MHz Ant1



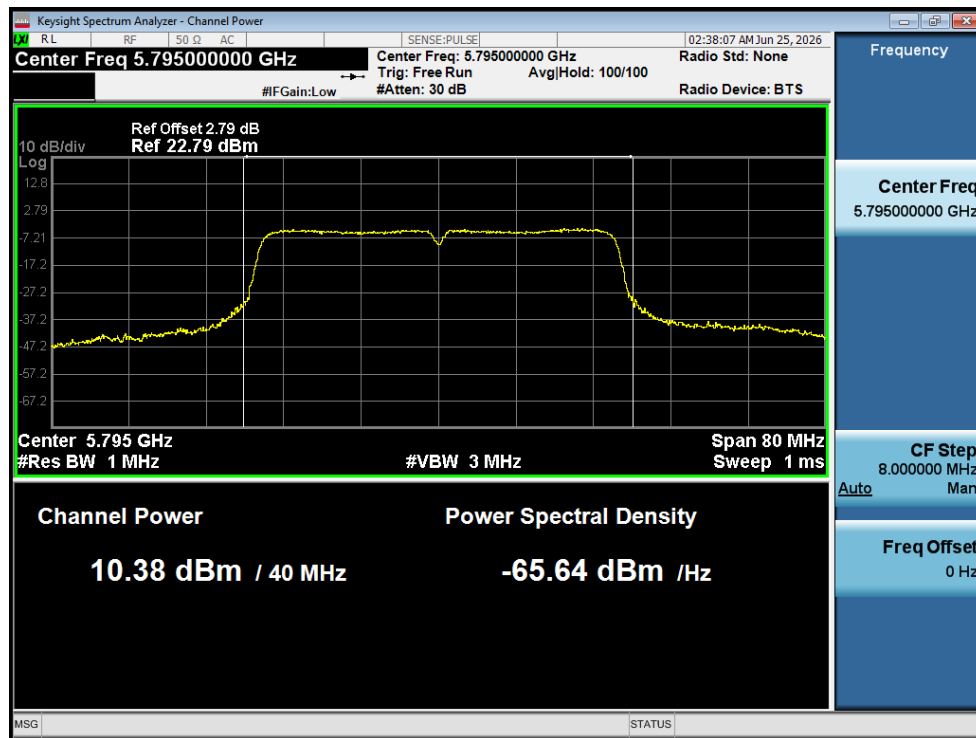
Power NVNT ac20 5785MHz Ant1



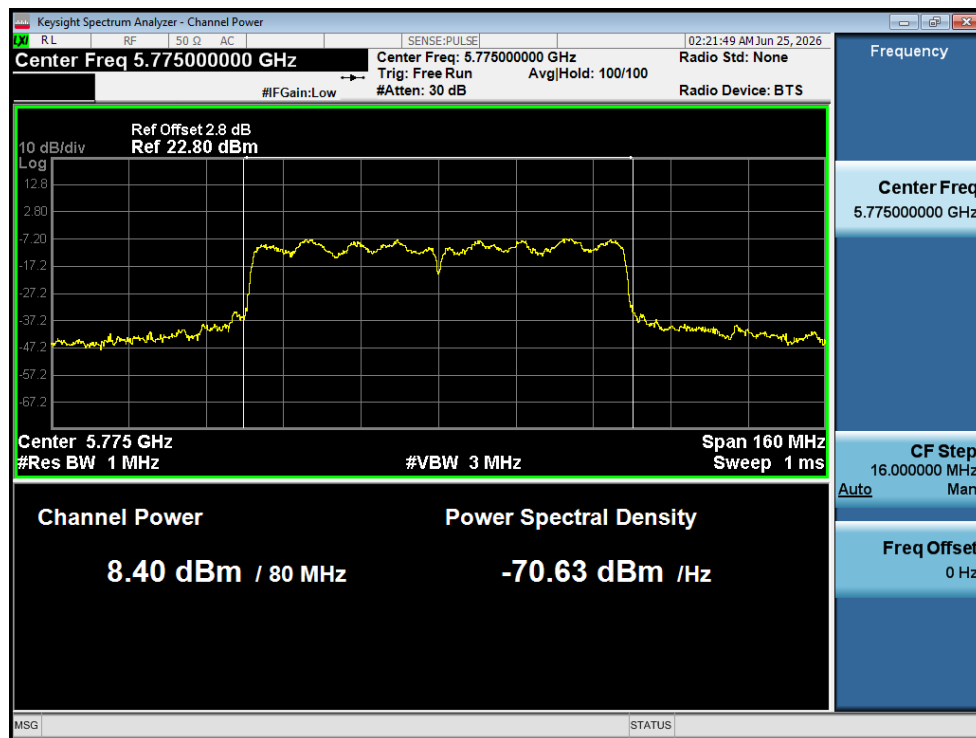
Power NVNT ac20 5825MHz Ant1



Power NVNT ac40 5755MHz Ant1



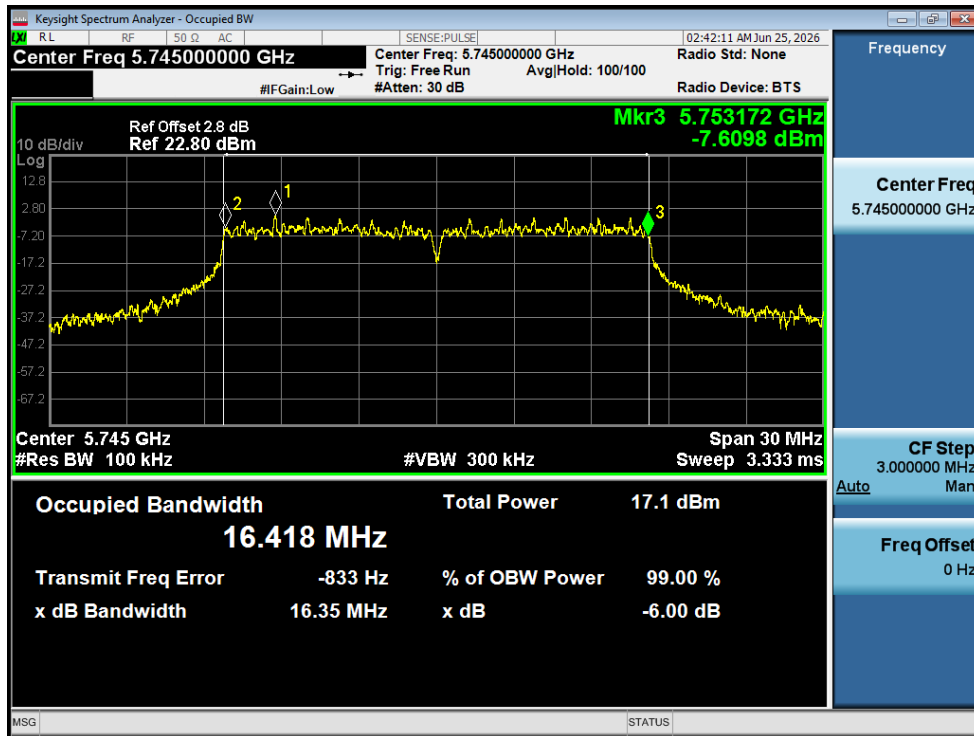
Power NVNT ac40 5795MHz Ant1



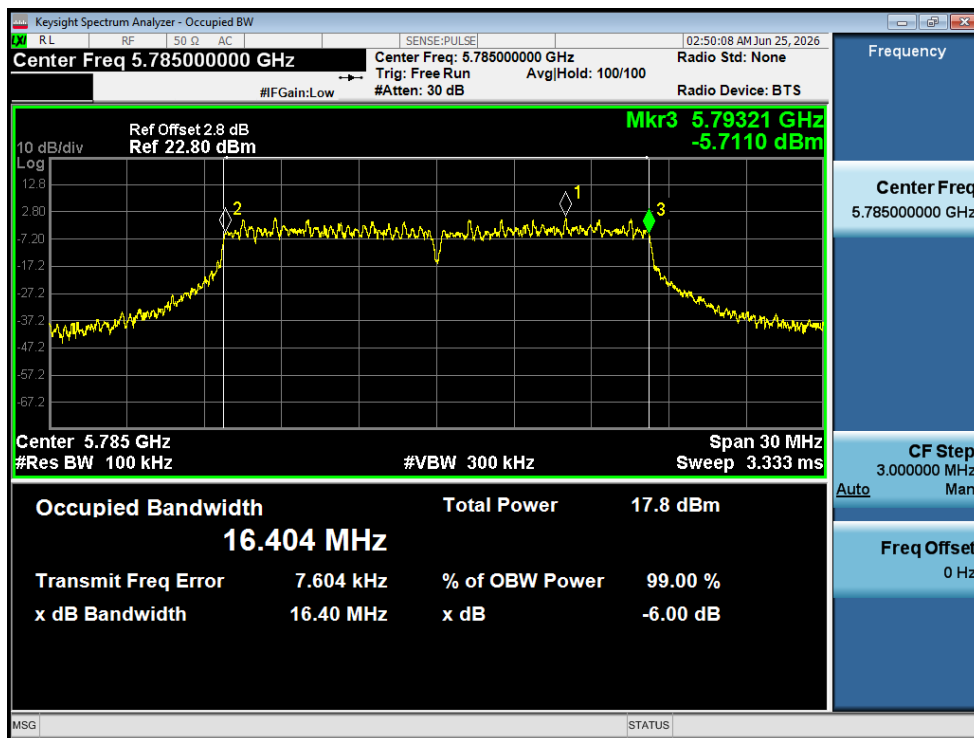
Power NVNT ac80 5775MHz Ant1

3. -6dB Bandwidth

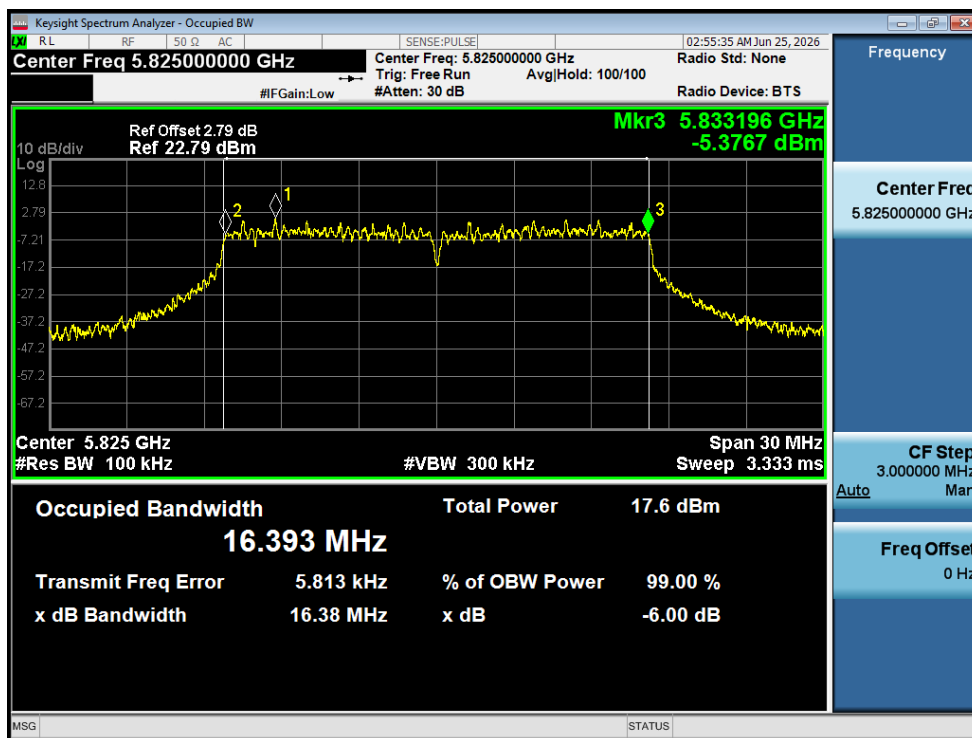
Condition	Mode	Frequency (MHz)	Antenna	-6 dB Bandwidth (MHz)	Verdict
NVNT	a	5745	Ant1	16.347	Pass
NVNT	a	5785	Ant1	16.405	Pass
NVNT	a	5825	Ant1	16.381	Pass
NVNT	n20	5745	Ant1	16.359	Pass
NVNT	n20	5785	Ant1	16.389	Pass
NVNT	n20	5825	Ant1	16.325	Pass
NVNT	n40	5755	Ant1	35.543	Pass
NVNT	n40	5795	Ant1	35.655	Pass
NVNT	ac20	5745	Ant1	16.402	Pass
NVNT	ac20	5785	Ant1	16.41	Pass
NVNT	ac20	5825	Ant1	16.374	Pass
NVNT	ac40	5755	Ant1	35.673	Pass
NVNT	ac40	5795	Ant1	35.619	Pass
NVNT	ac80	5775	Ant1	75.172	Pass



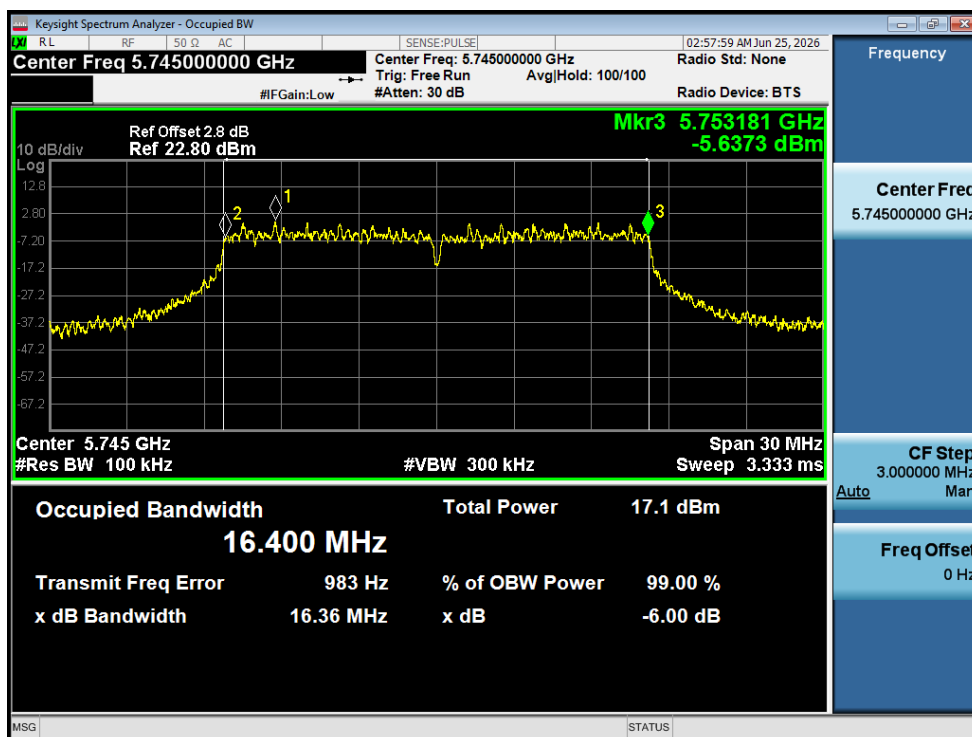
-6dB Bandwidth NVNT a 5745MHz Ant1



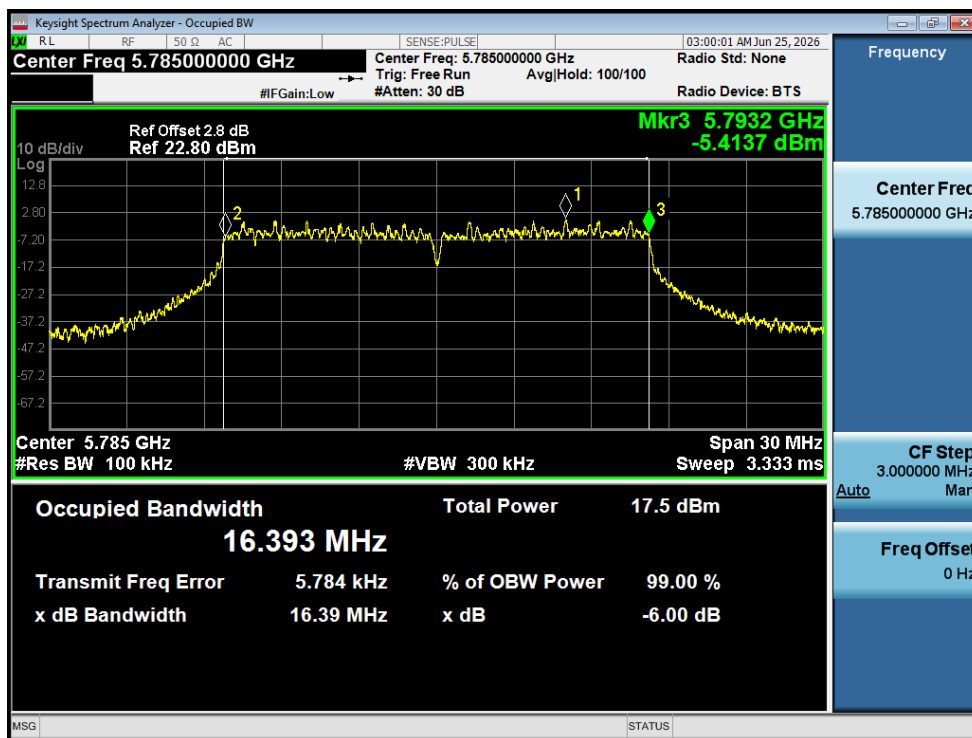
-6dB Bandwidth NVNT a 5785MHz Ant1



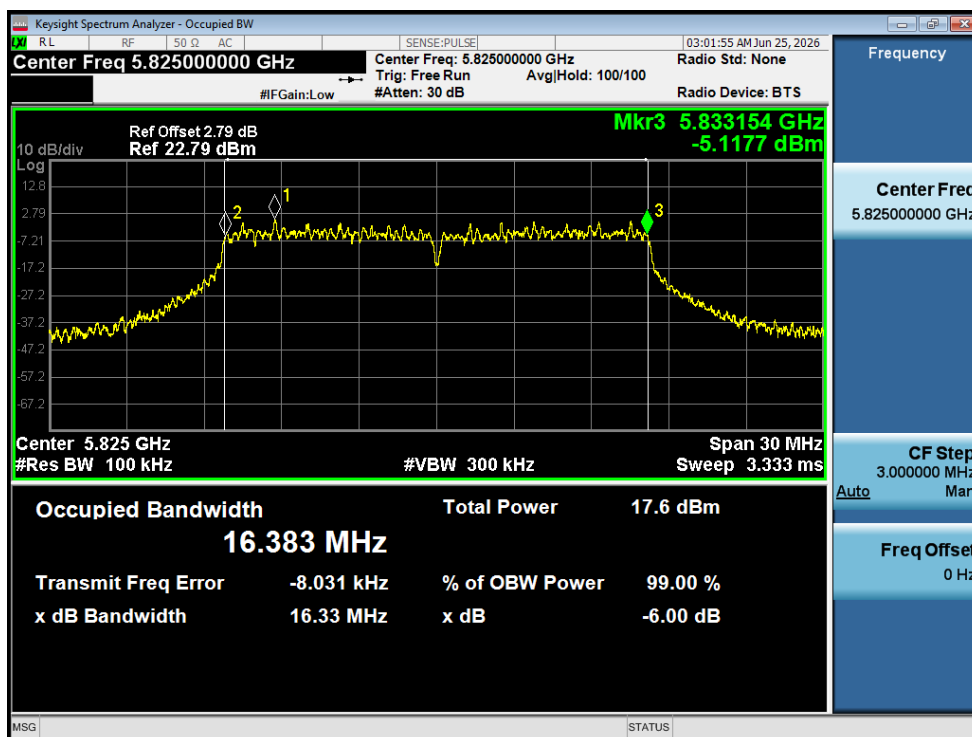
-6dB Bandwidth NVNT a 5825MHz Ant1



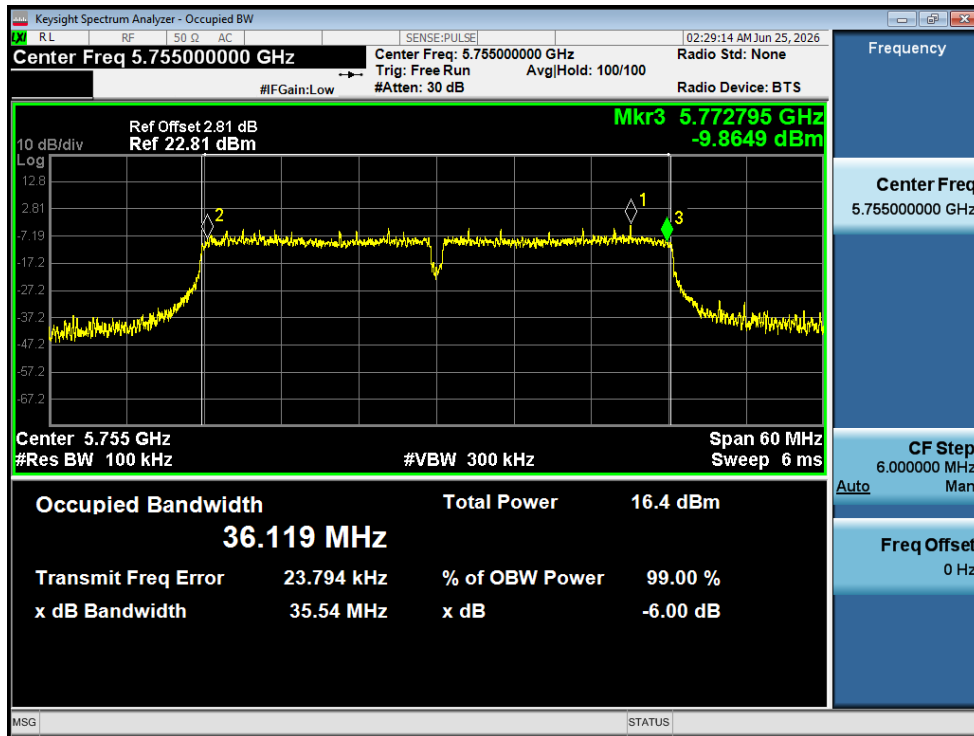
-6dB Bandwidth NVNT n20 5745MHz Ant1



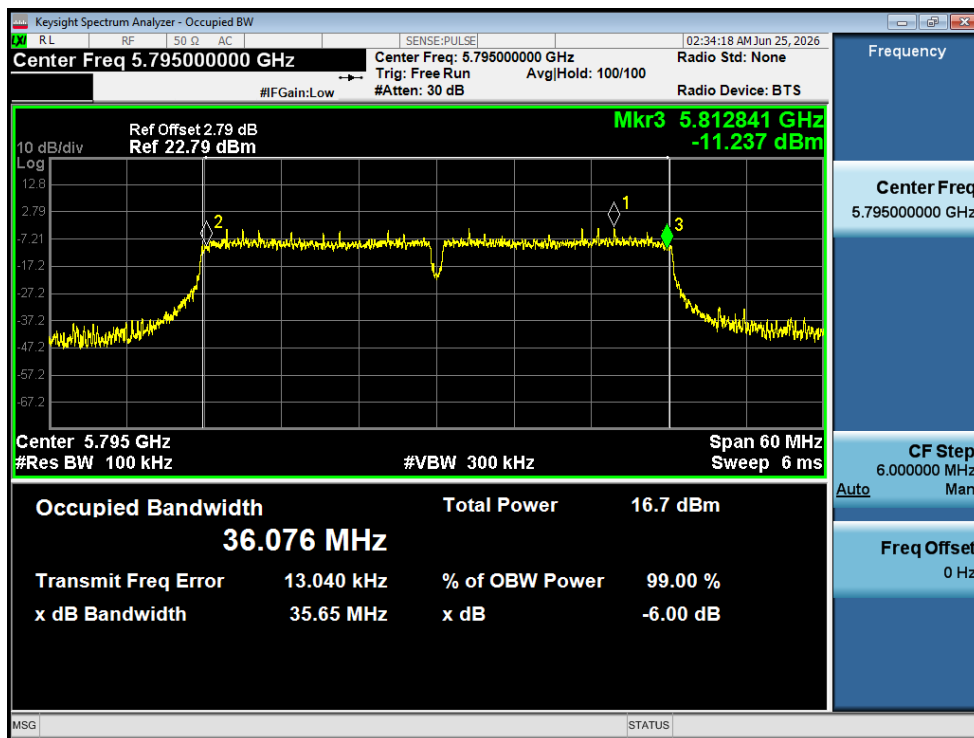
-6dB Bandwidth NVNT n20 5785MHz Ant1



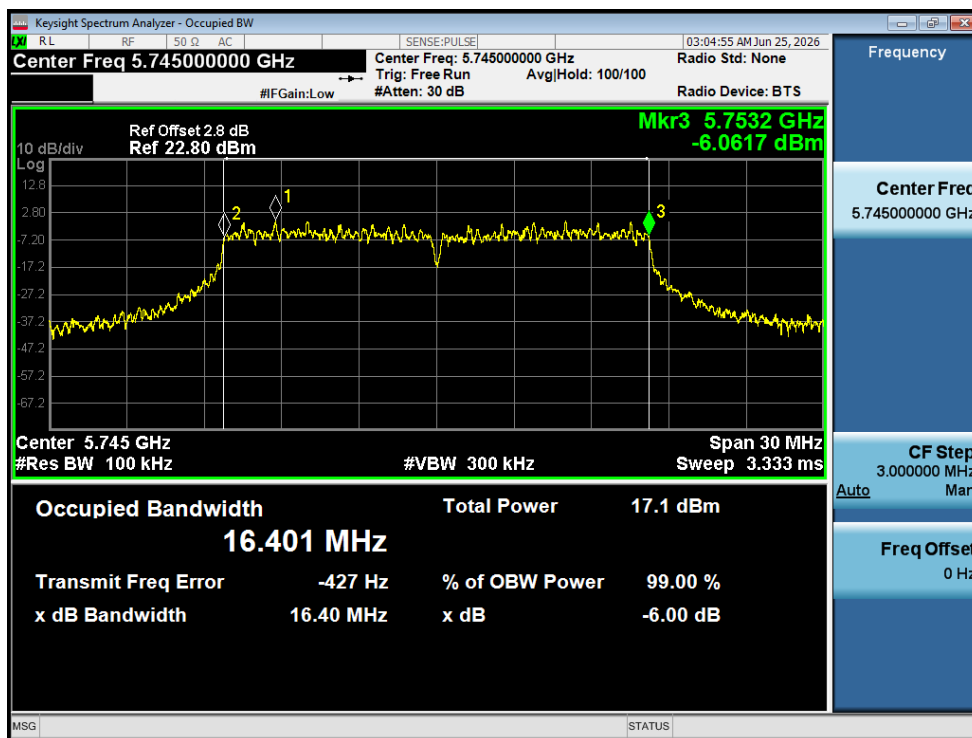
-6dB Bandwidth NVNT n20 5825MHz Ant1



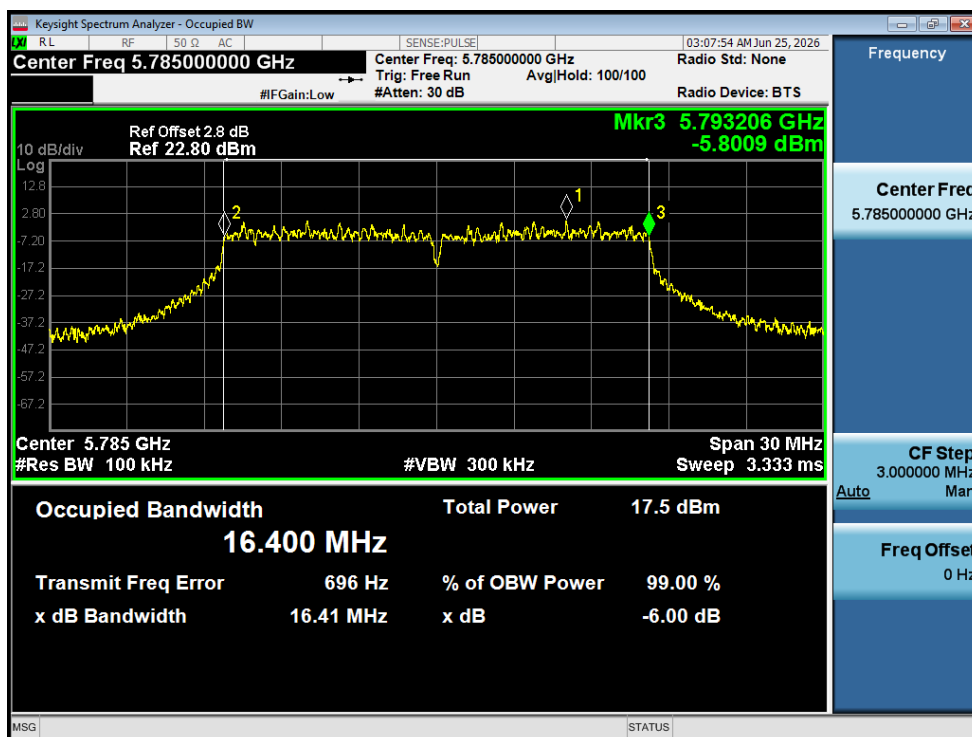
-6dB Bandwidth NVNT n40 5755MHz Ant1



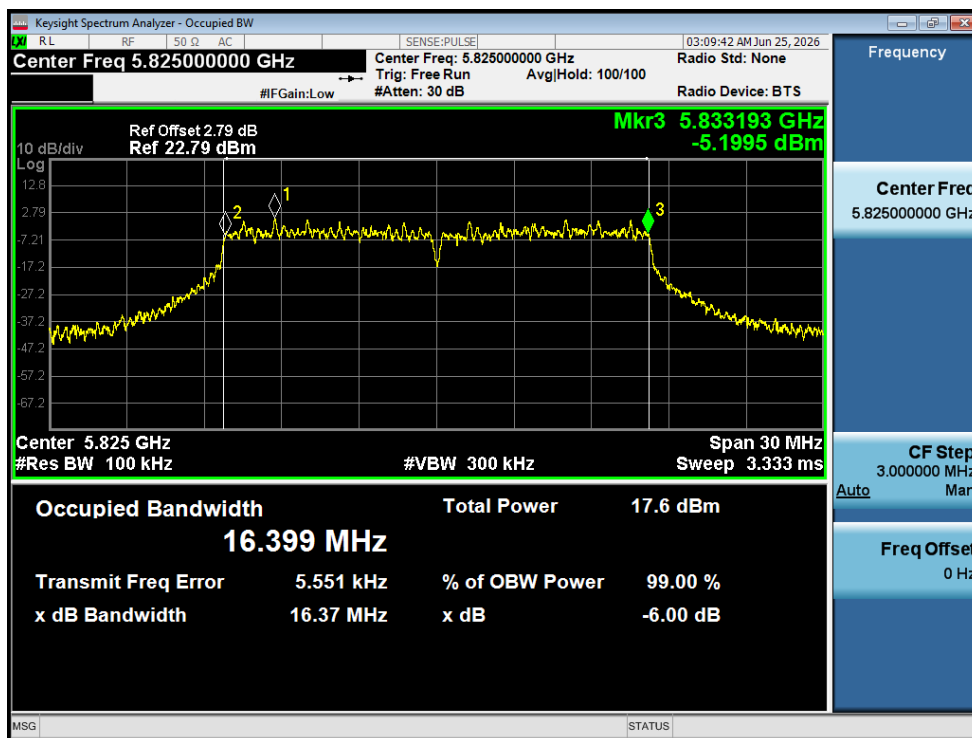
-6dB Bandwidth NVNT n40 5795MHz Ant1



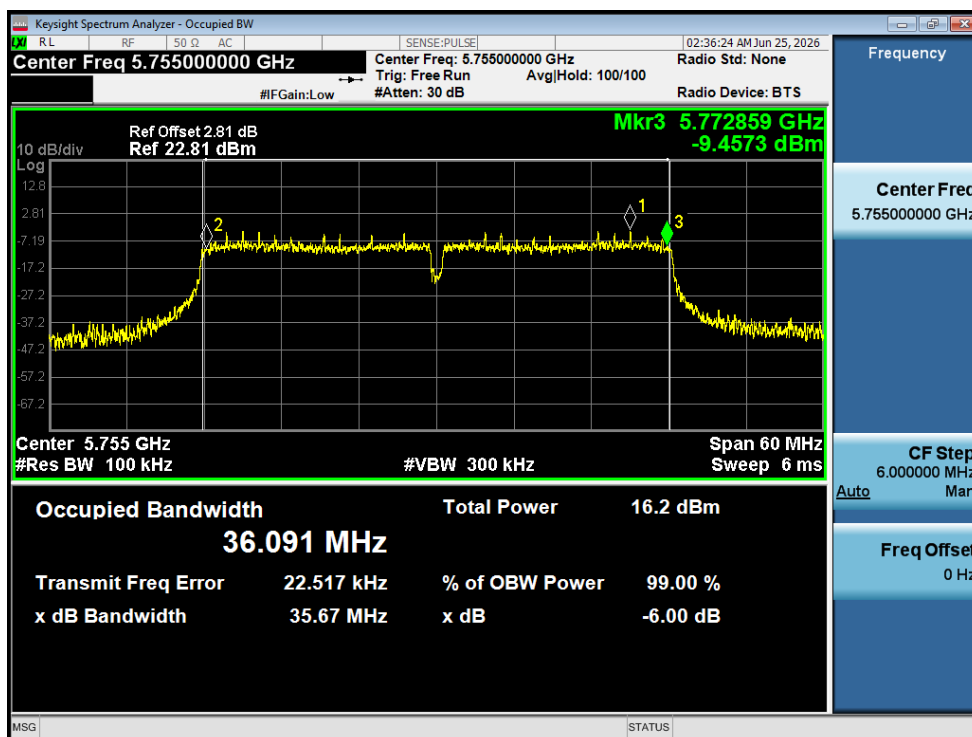
-6dB Bandwidth NVNT ac20 5745MHz Ant1



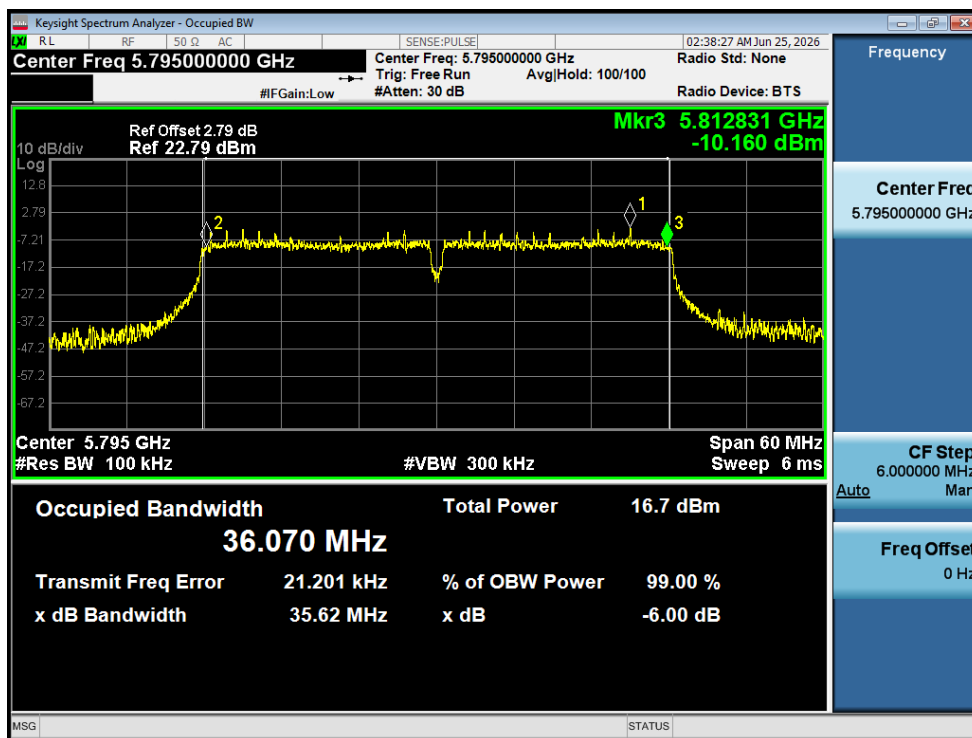
-6dB Bandwidth NVNT ac20 5785MHz Ant1



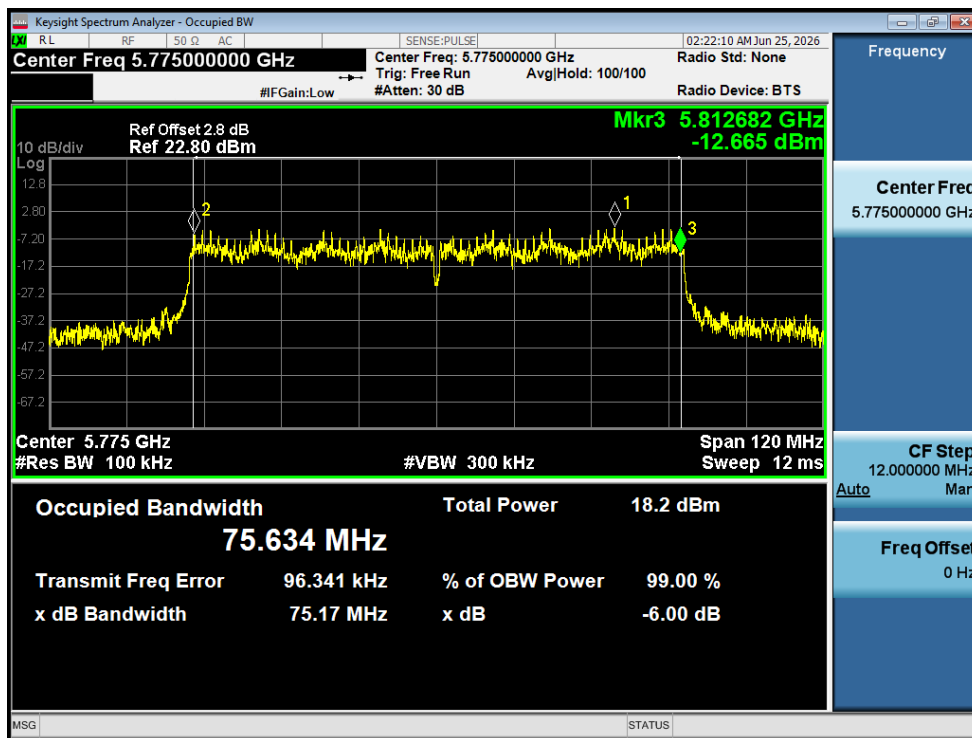
-6dB Bandwidth NVNT ac20 5825MHz Ant1



-6dB Bandwidth NVNT ac40 5755MHz Ant1



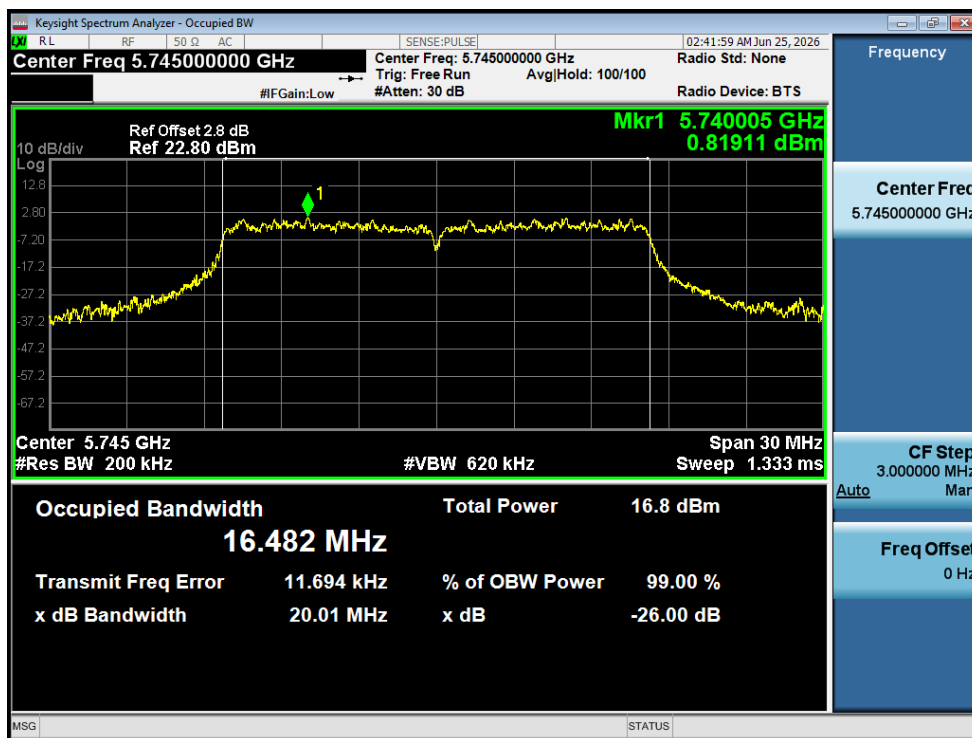
-6dB Bandwidth NVNT ac40 5795MHz Ant1



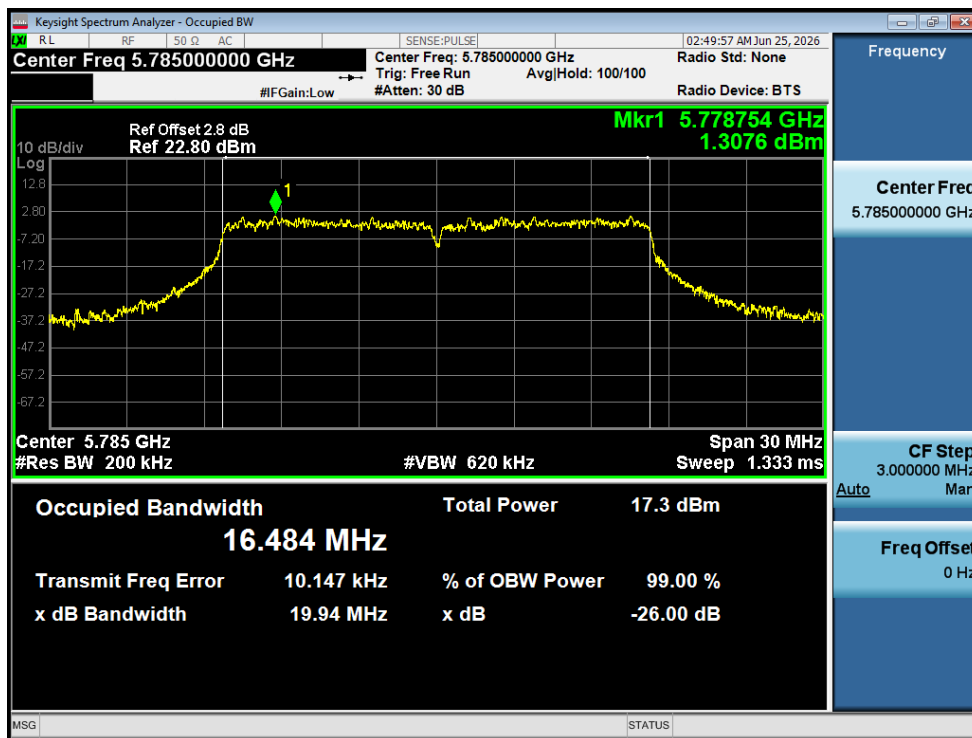
-6dB Bandwidth NVNT ac80 5775MHz Ant1

4. Occupied Channel Bandwidth

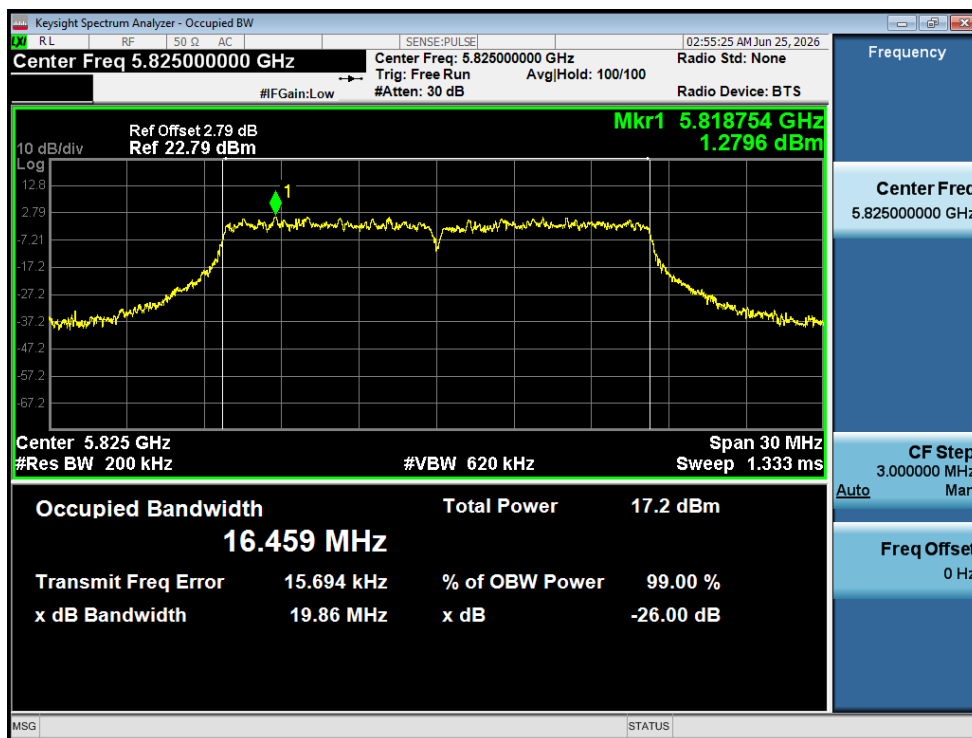
Condition	Mode	Frequency (MHz)	Antenna	99% OBW (MHz)
NVNT	a	5745	Ant1	16.482
NVNT	a	5785	Ant1	16.484
NVNT	a	5825	Ant1	16.459
NVNT	n20	5745	Ant1	16.485
NVNT	n20	5785	Ant1	16.452
NVNT	n20	5825	Ant1	16.472
NVNT	n40	5755	Ant1	36.276
NVNT	n40	5795	Ant1	36.189
NVNT	ac20	5745	Ant1	16.477
NVNT	ac20	5785	Ant1	16.455
NVNT	ac20	5825	Ant1	16.481
NVNT	ac40	5755	Ant1	36.276
NVNT	ac40	5795	Ant1	36.206
NVNT	ac80	5775	Ant1	75.945



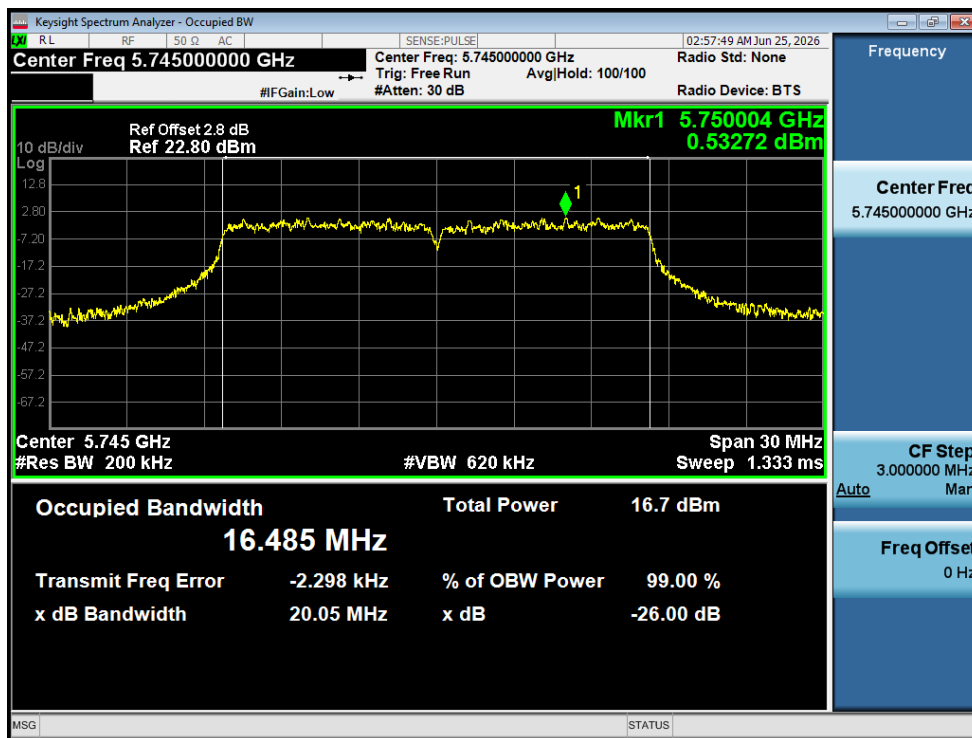
OBW NVNT a 5745MHz Ant1



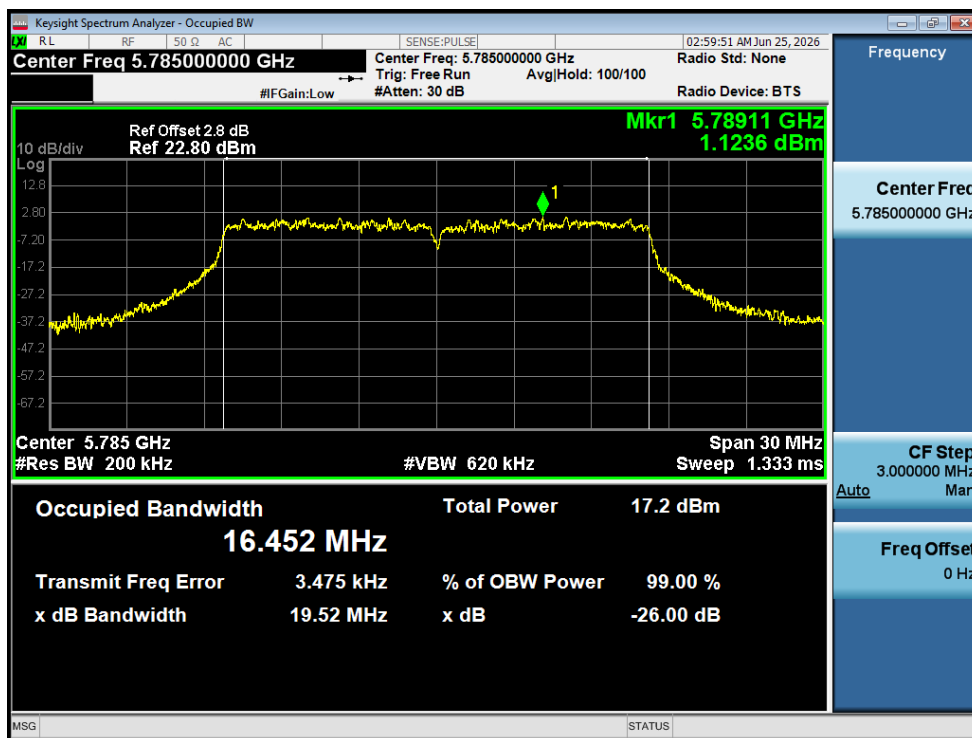
OBW NVNT a 5785MHz Ant1



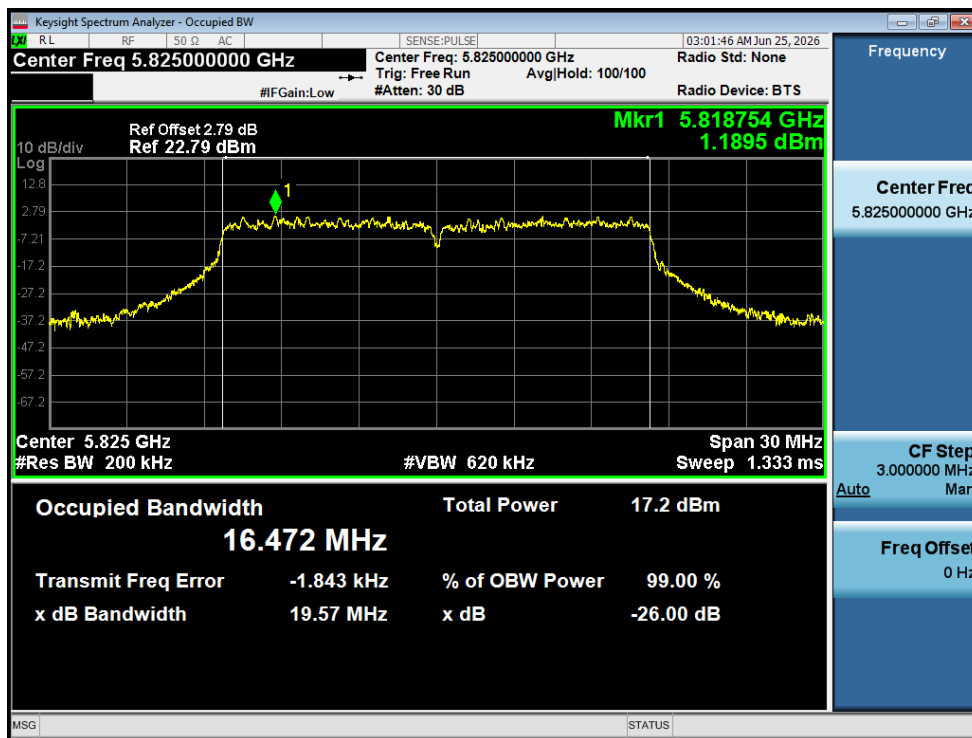
OBW NVNT a 5825MHz Ant1



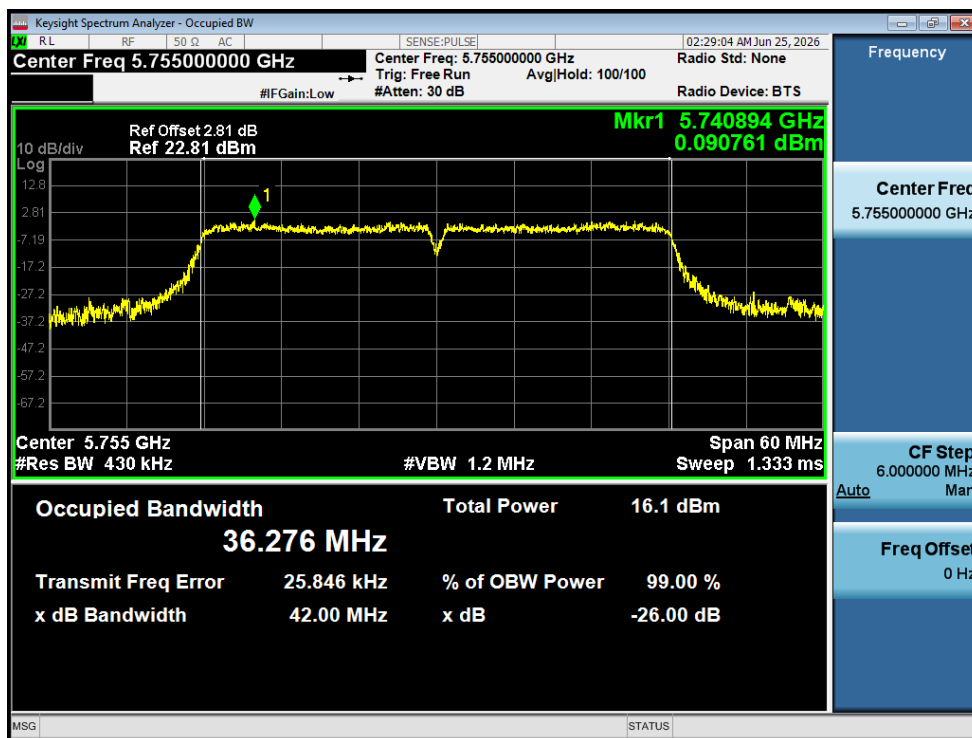
OBW NVNT n20 5745MHz Ant1



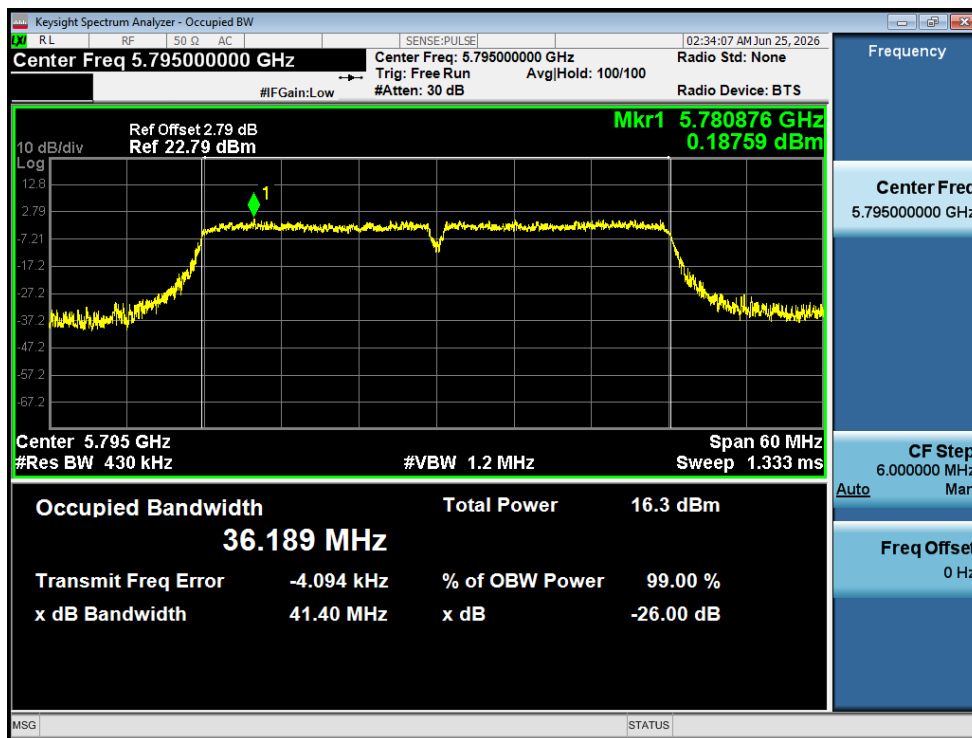
OBW NVNT n20 5785MHz Ant1



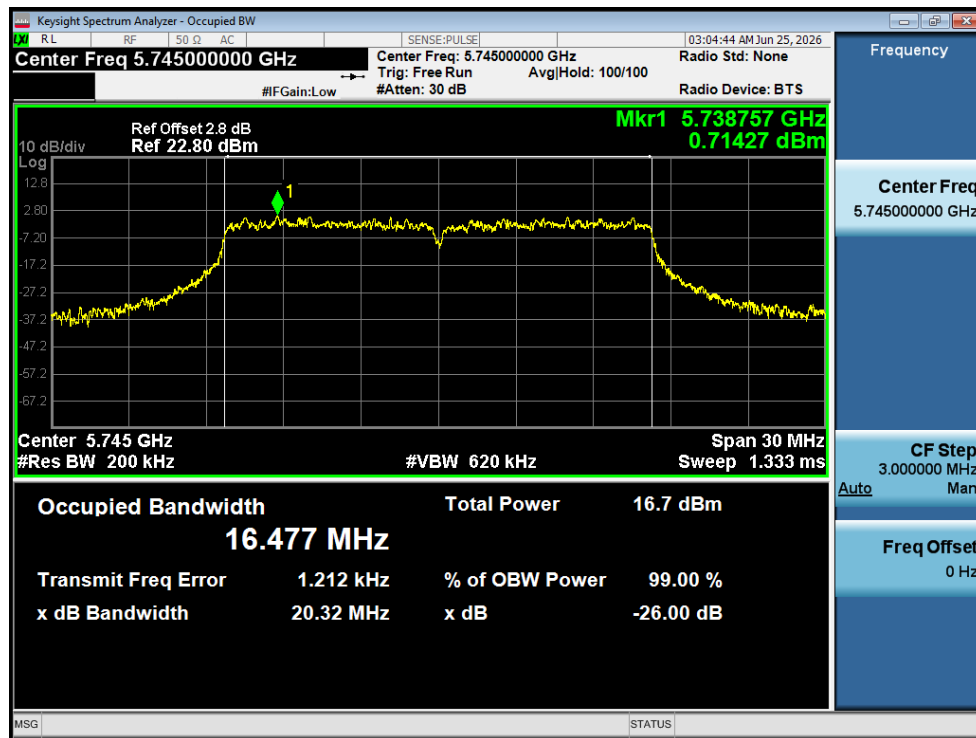
OBW NVNT n20 5825MHz Ant1



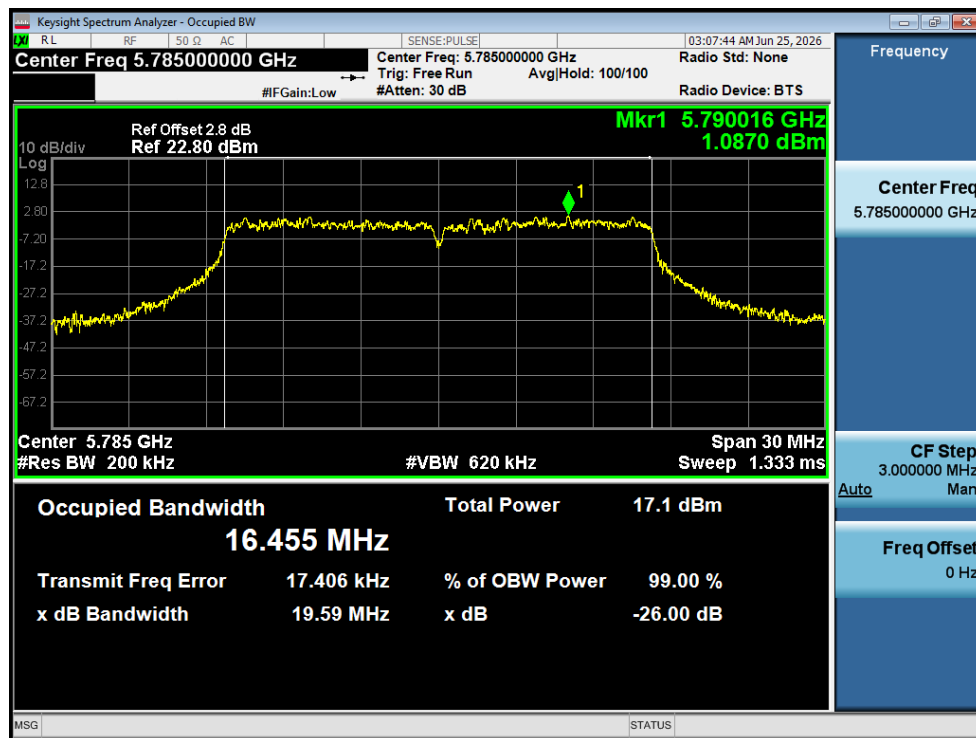
OBW NVNT n40 5755MHz Ant1



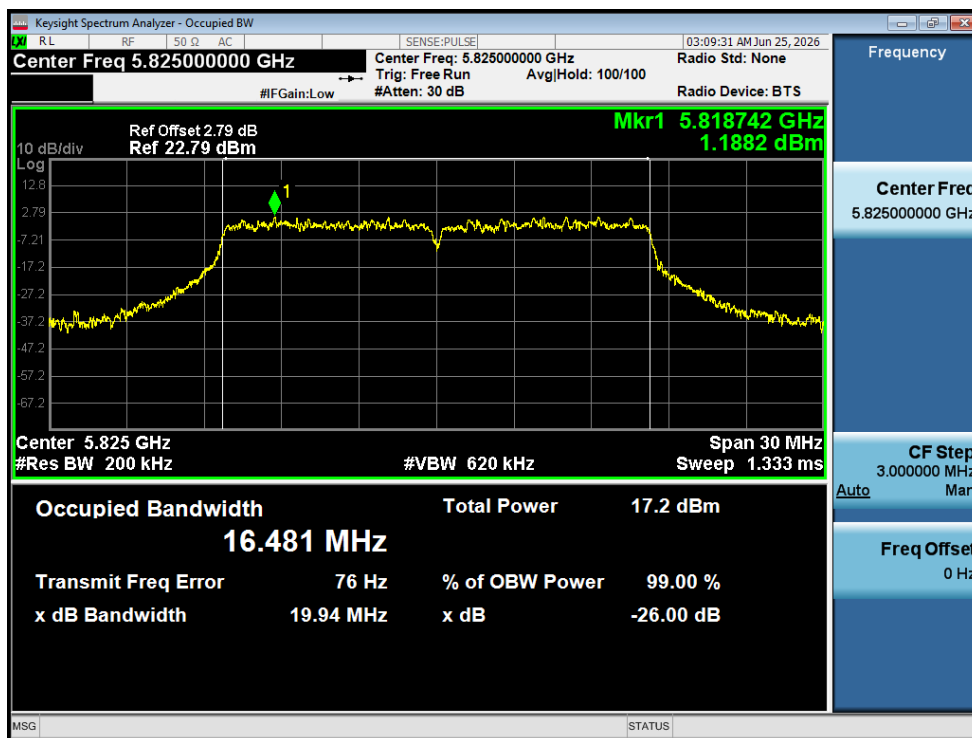
OBW NVNT n40 5795MHz Ant1



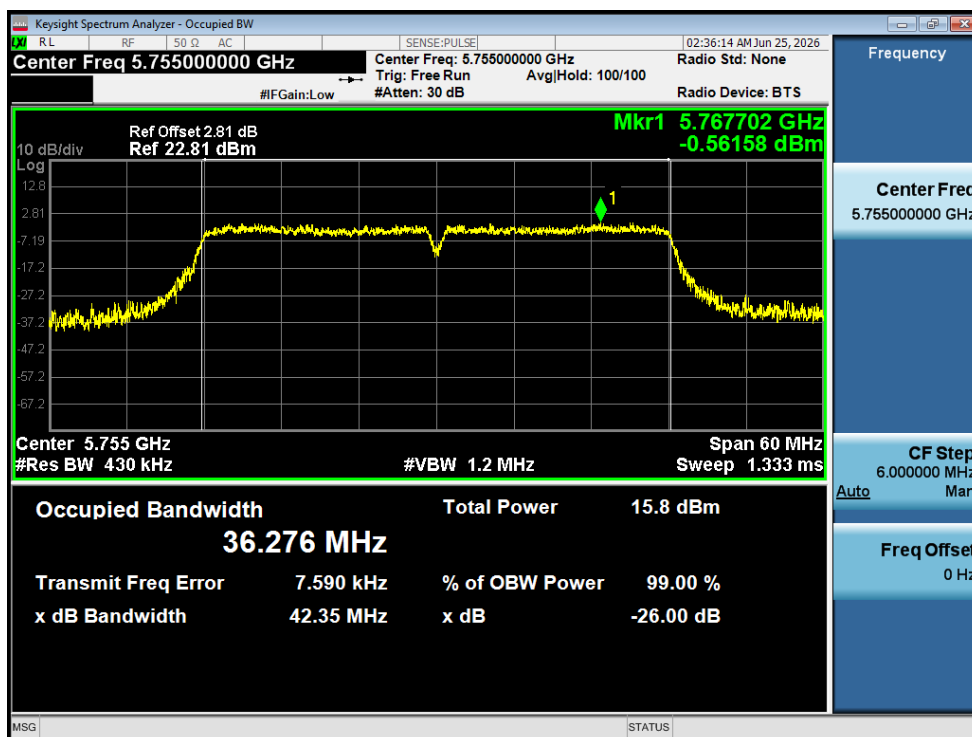
OBW NVNT ac20 5745MHz Ant1



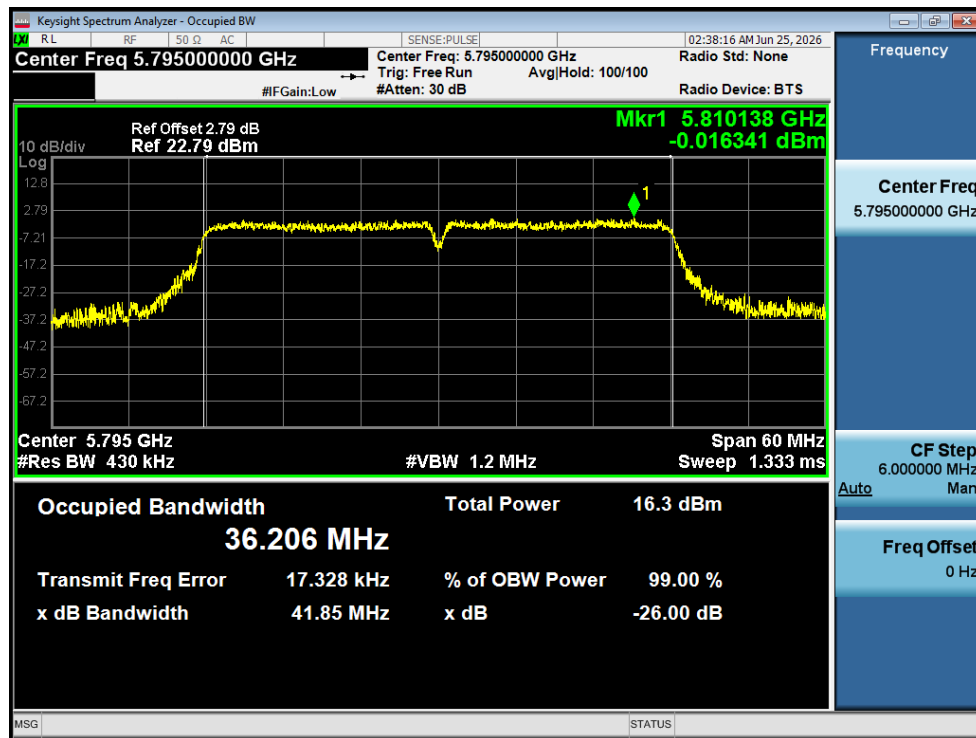
OBW NVNT ac20 5785MHz Ant1



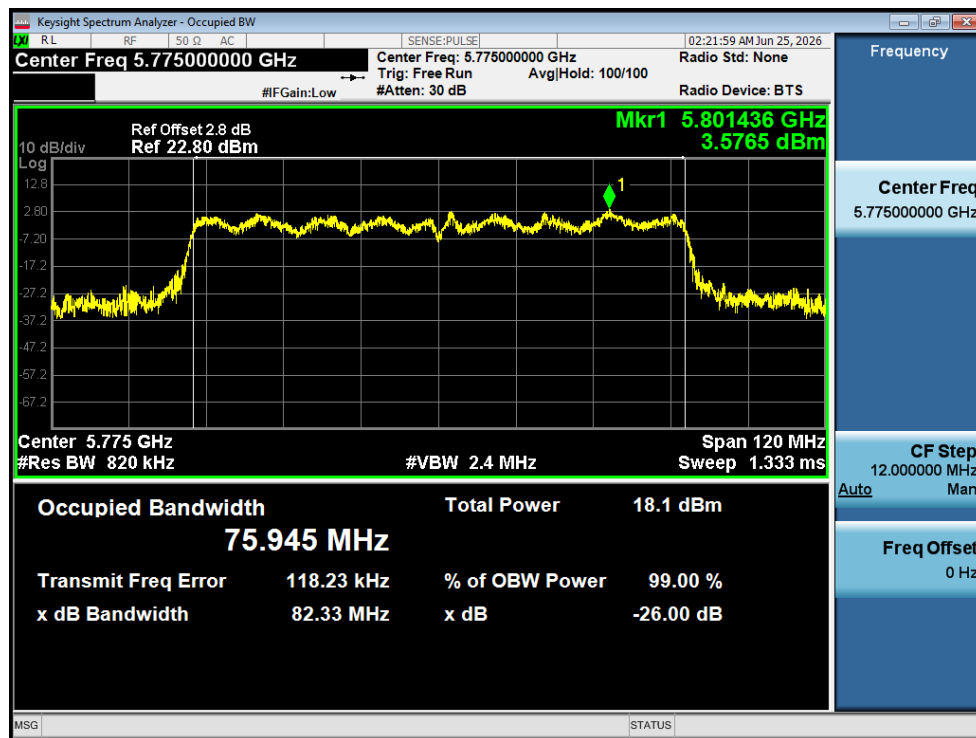
OBW NVNT ac20 5825MHz Ant1



OBW NVNT ac40 5755MHz Ant1



OBW NVNT ac40 5795MHz Ant1



OBW NVNT ac80 5775MHz Ant1

5. Maximum Power Spectral Density Level

Condition	Mode	Frequency (MHz)	Antenna	Conducted PSD (dBm)	Duty Factor (dB)	10log (510/500)	Total PSD (dBm/500KHz)	Limit (dBm/500KHz)	Verdict
NVNT	a	5745	Ant1	-3.23	1.89	0.086	-1.254	30	Pass
NVNT	a	5785	Ant1	-2.69	1.99	0.086	-0.614	30	Pass
NVNT	a	5825	Ant1	-3	1.35	0.086	-1.564	30	Pass
NVNT	n20	5745	Ant1	-3.48	1.24	0.086	-2.154	30	Pass
NVNT	n20	5785	Ant1	-3.02	2.17	0.086	-0.764	30	Pass
NVNT	n20	5825	Ant1	-3.32	1.1	0.086	-2.134	30	Pass
NVNT	n40	5755	Ant1	-6.58	0.32	0.086	-6.174	30	Pass
NVNT	n40	5795	Ant1	-6.22	0.36	0.086	-5.774	30	Pass
NVNT	ac20	5745	Ant1	-3.85	1.12	0.086	-2.644	30	Pass
NVNT	ac20	5785	Ant1	-2.96	1.98	0.086	-0.894	30	Pass
NVNT	ac20	5825	Ant1	-2.84	0.99	0.086	-1.764	30	Pass
NVNT	ac40	5755	Ant1	-6.79	0.43	0.086	-6.274	30	Pass
NVNT	ac40	5795	Ant1	-6.19	0.47	0.086	-5.634	30	Pass
NVNT	ac80	5775	Ant1	-8.99	4.57	0.086	-4.334	30	Pass

Note 1: Total PSD=Conducted PSD + Duty factor+(10log(Test RBW / Limit RBW)

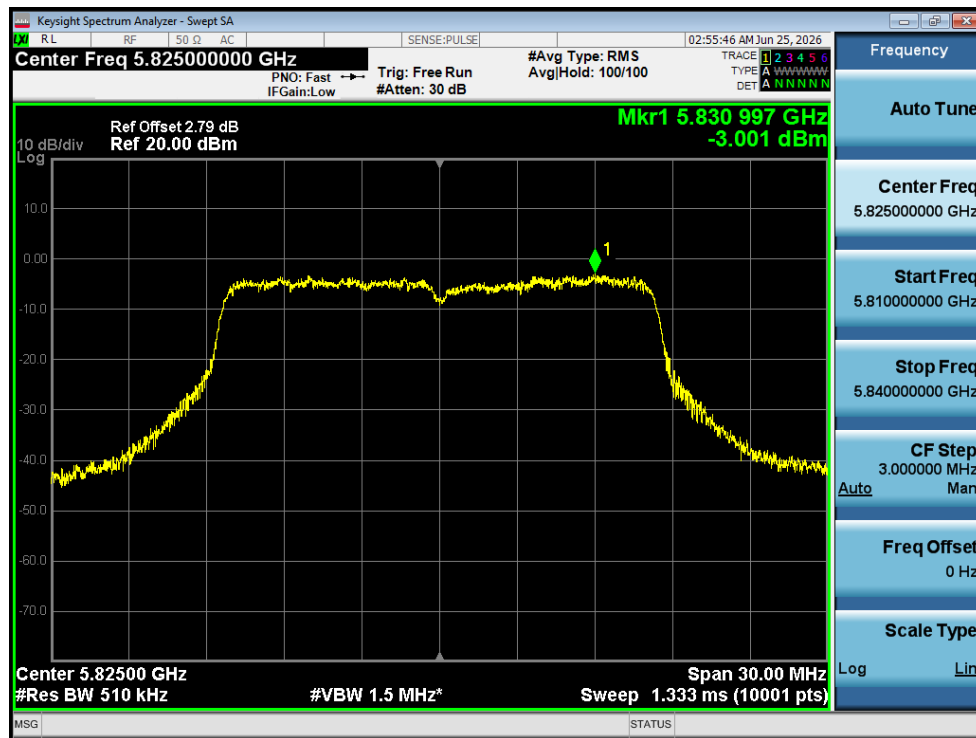
Note 2: Antenna Gain: 2.98dBi



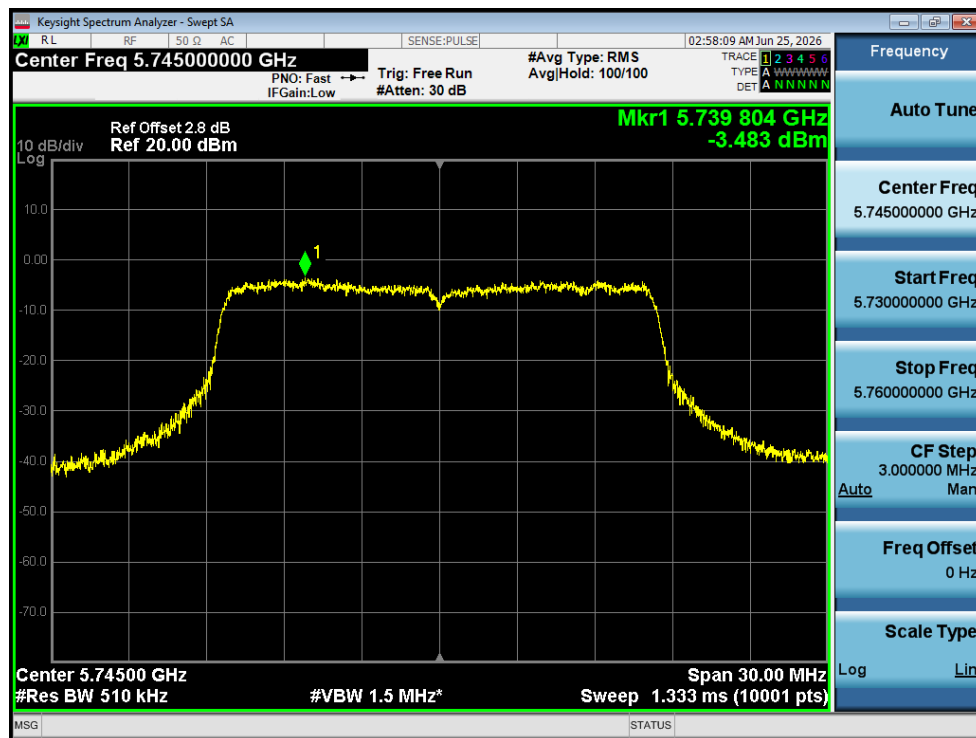
PSD NVNT a 5745MHz Ant1



PSD NVNT a 5785MHz Ant1



PSD NVNT a 5825MHz Ant1



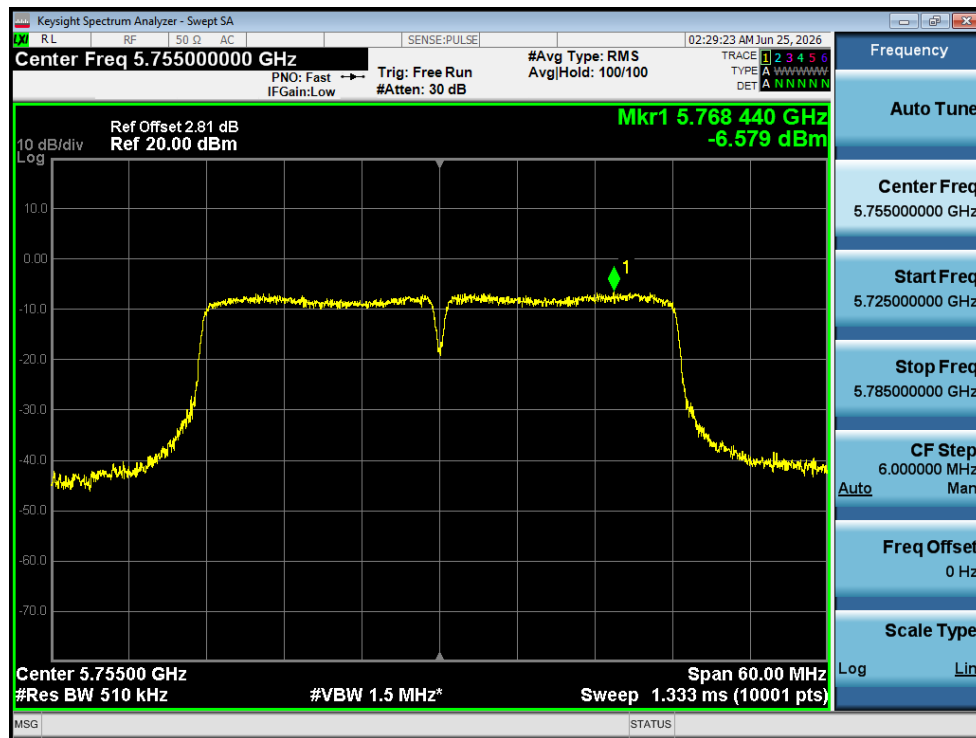
PSD NVNT n20 5745MHz Ant1



PSD NVNT n20 5785MHz Ant1



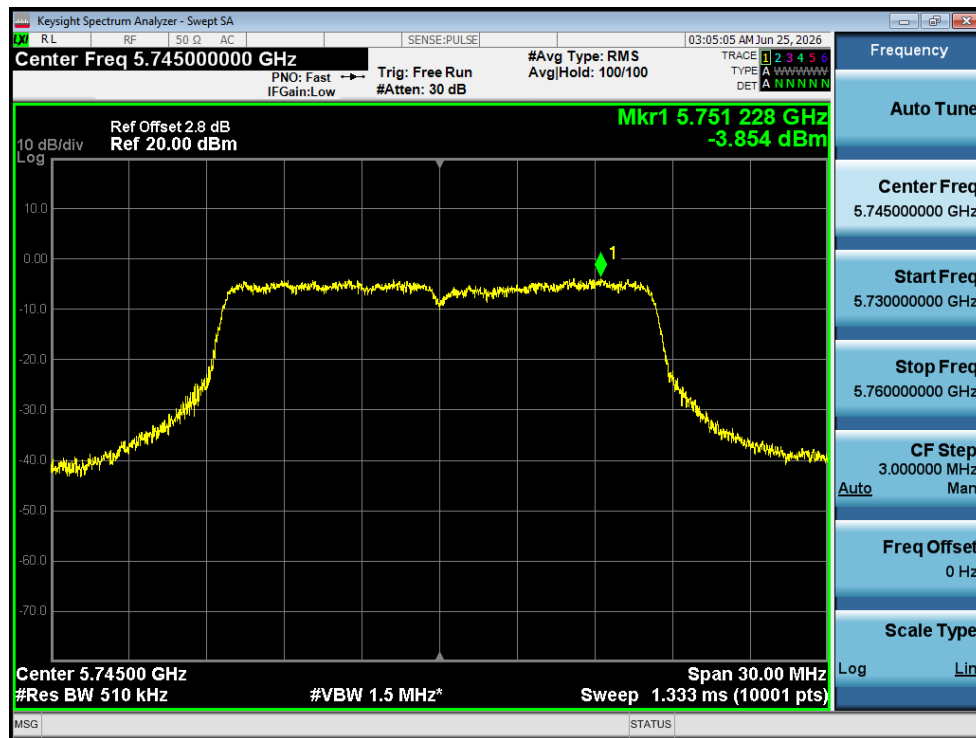
PSD NVNT n20 5825MHz Ant1



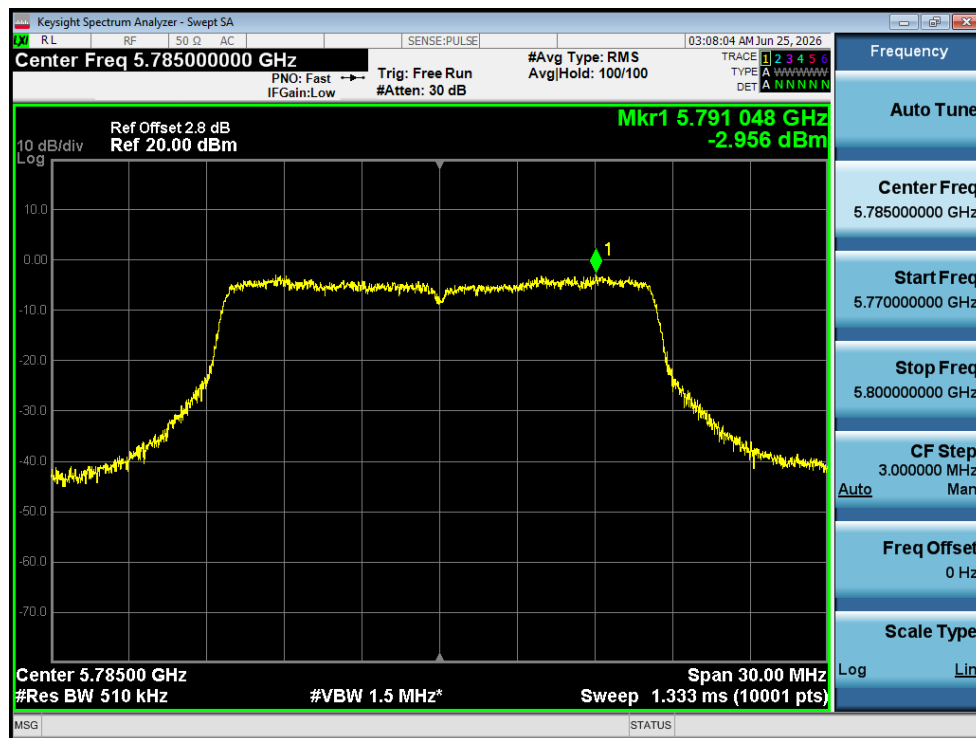
PSD NVNT n40 5755MHz Ant1



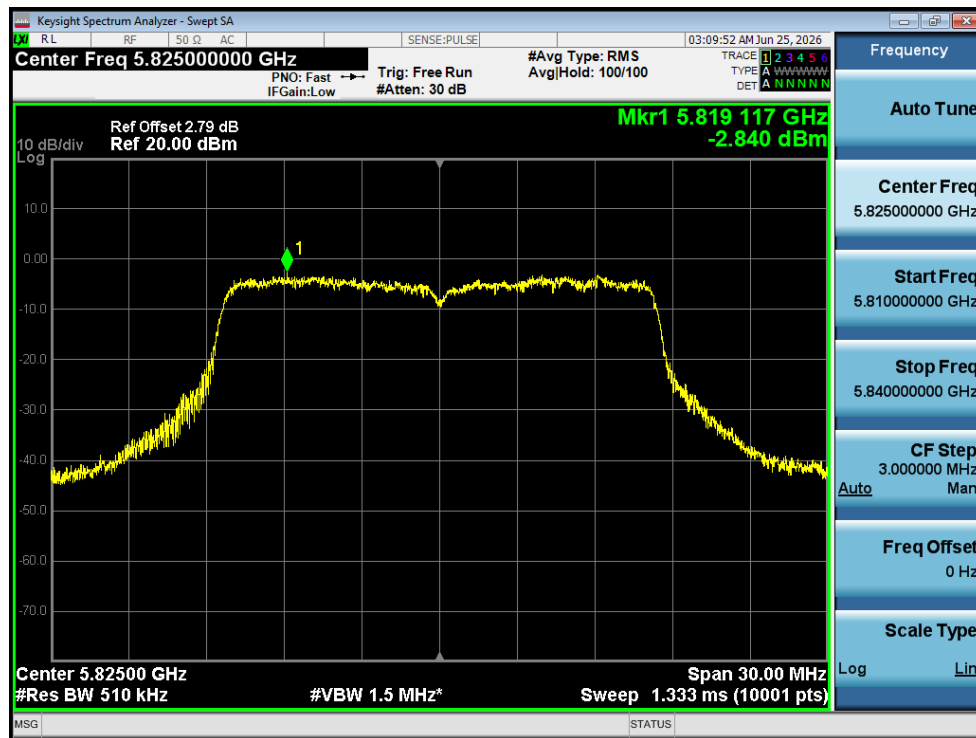
PSD NVNT n40 5795MHz Ant1



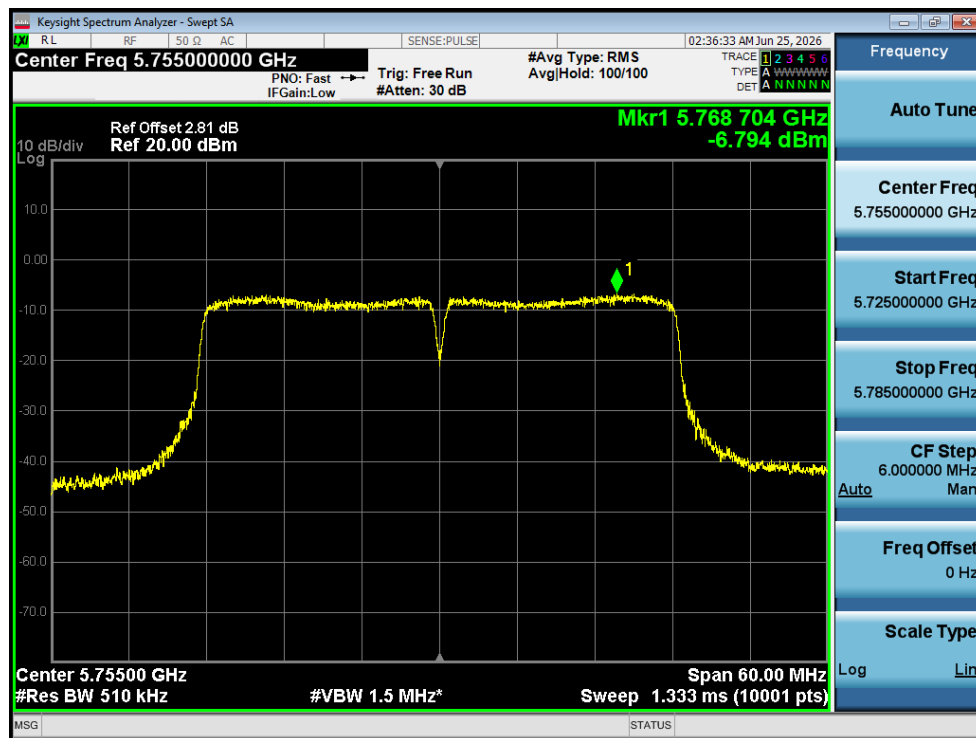
PSD NVNT ac20 5745MHz Ant1



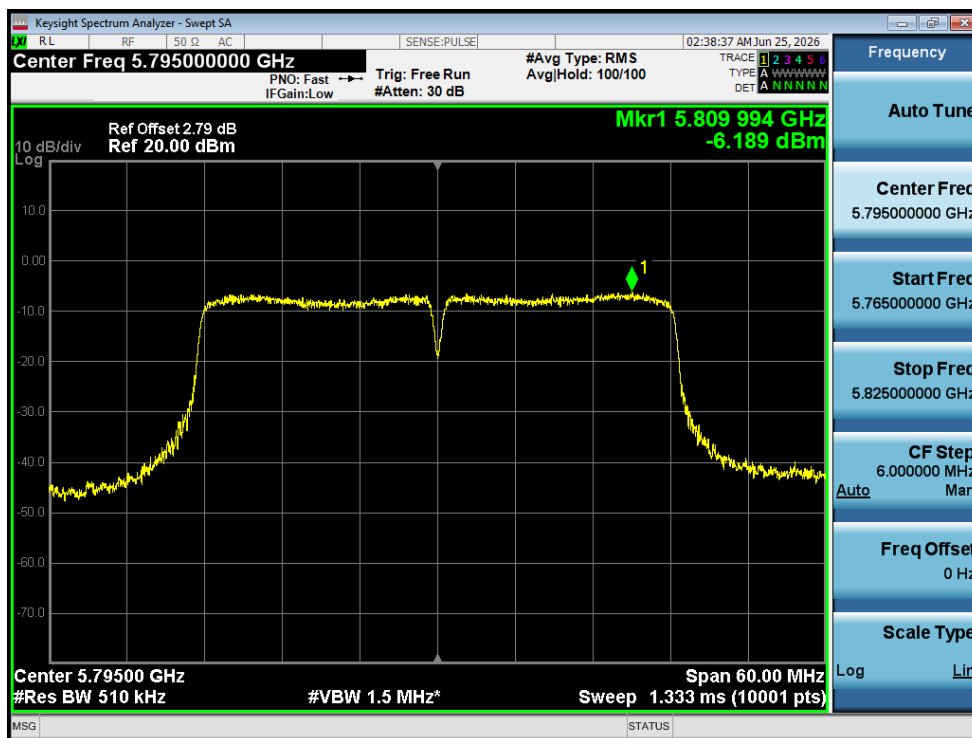
PSD NVNT ac20 5785MHz Ant1



PSD NVNT ac20 5825MHz Ant1



PSD NVNT ac40 5755MHz Ant1



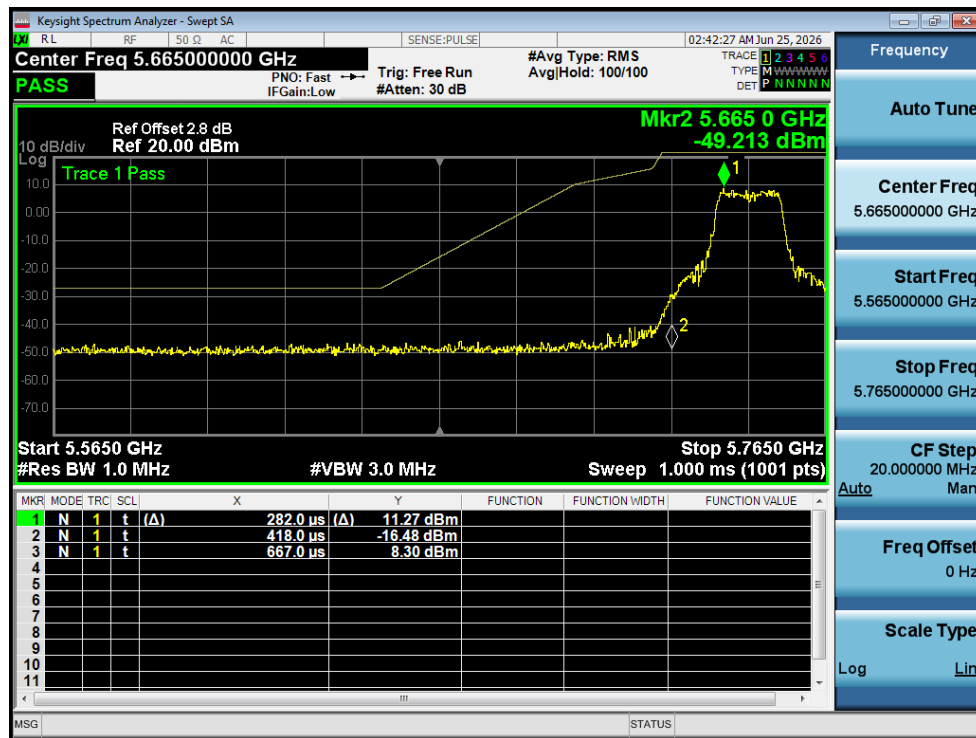
PSD NVNT ac40 5795MHz Ant1



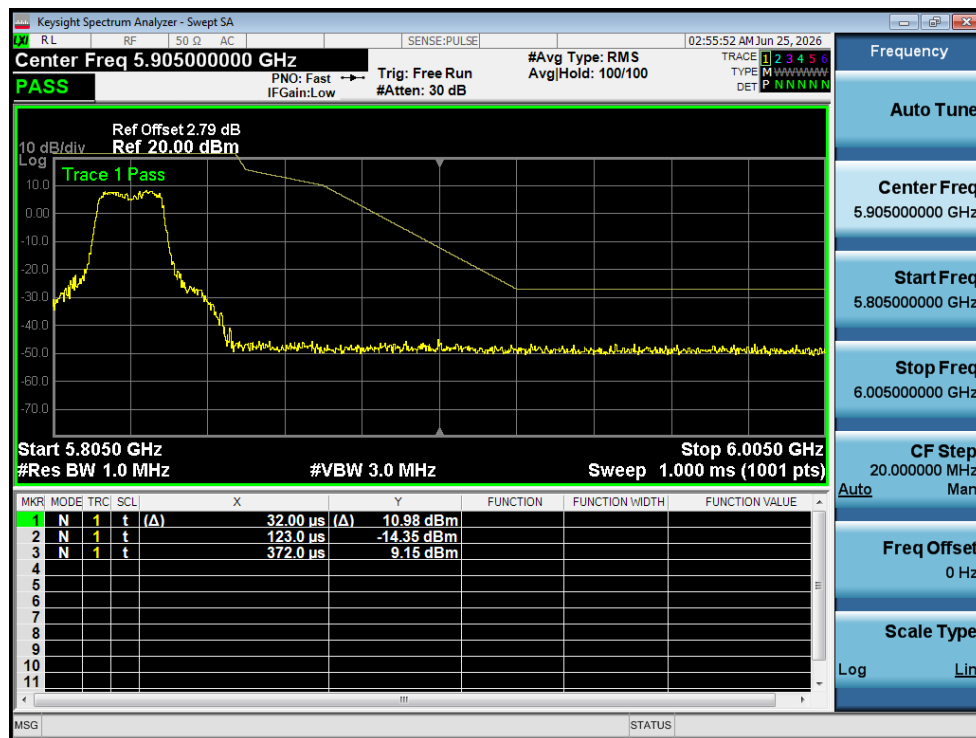
PSD NVNT ac80 5775MHz Ant1

6. Band Edge

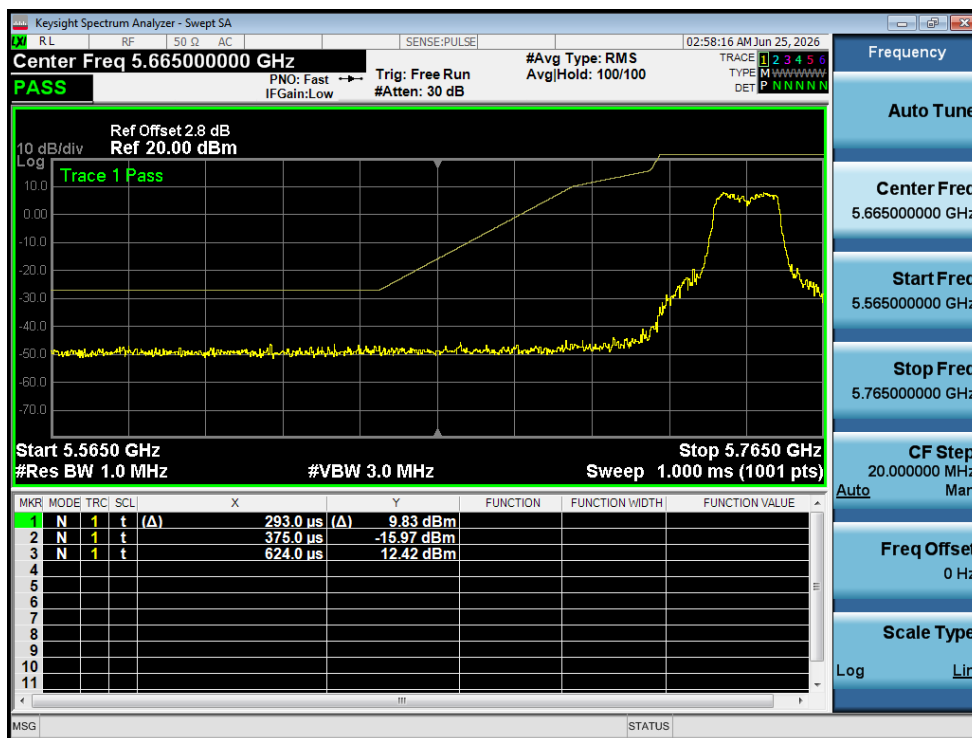
Condition	Mode	Frequency (MHz)	Antenna	Max Value (dBm)	Verdict
NVNT	a	5745	Ant1	-29.61	Pass
NVNT	a	5825	Ant1	-41.07	Pass
NVNT	n20	5745	Ant1	-28.66	Pass
NVNT	n20	5825	Ant1	-44.26	Pass
NVNT	n40	5755	Ant1	-25.98	Pass
NVNT	n40	5795	Ant1	-45.7	Pass
NVNT	ac20	5745	Ant1	-28.03	Pass
NVNT	ac20	5825	Ant1	-43.85	Pass
NVNT	ac40	5755	Ant1	-25.63	Pass
NVNT	ac40	5795	Ant1	-43.87	Pass
NVNT	ac80	5775	Ant1	-25.72	Pass
NVNT	ac80	5775	Ant1	-24.8	Pass
NVNT	ac80	5775	Ant1	-25.36	Pass



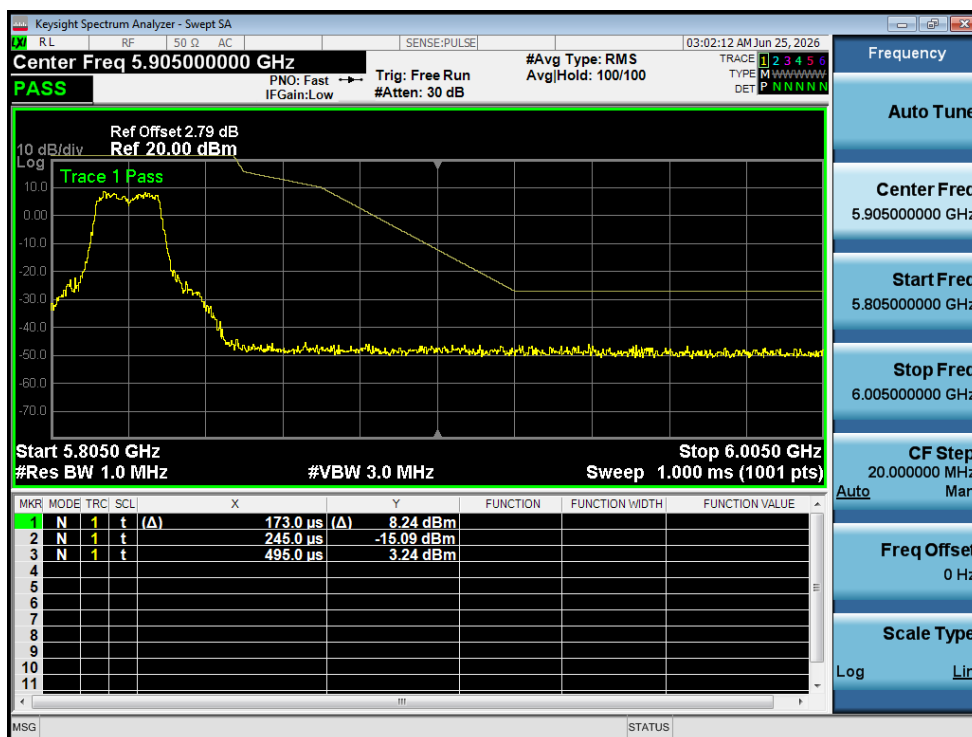
Band Edge NVNT a 5745MHz Low Ant1



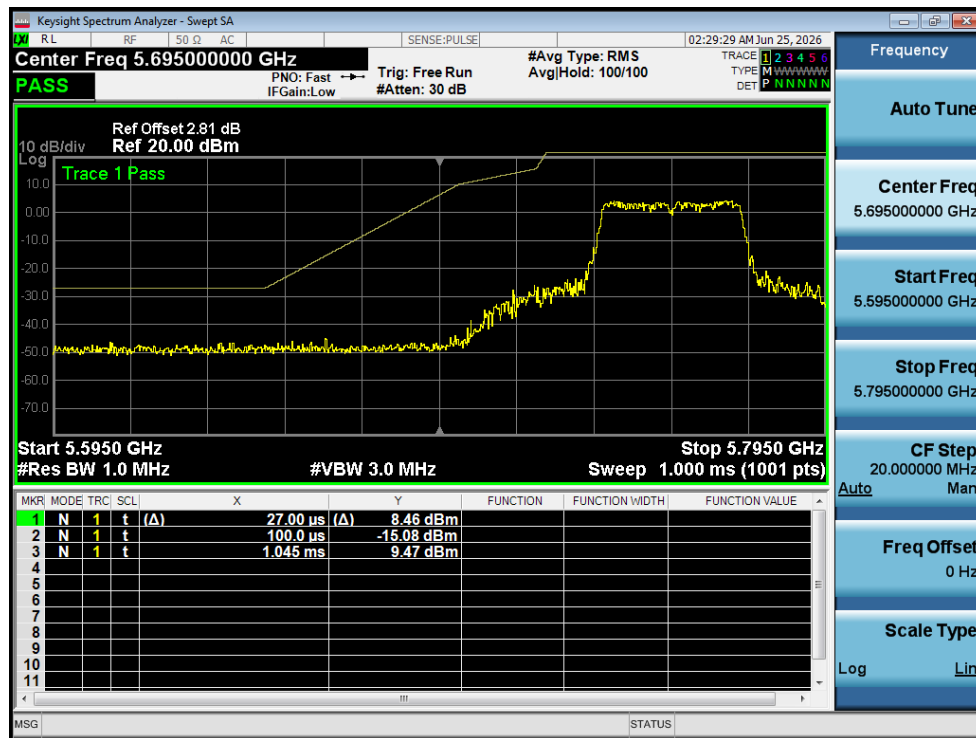
Band Edge NVNT a 5825MHz High Ant1



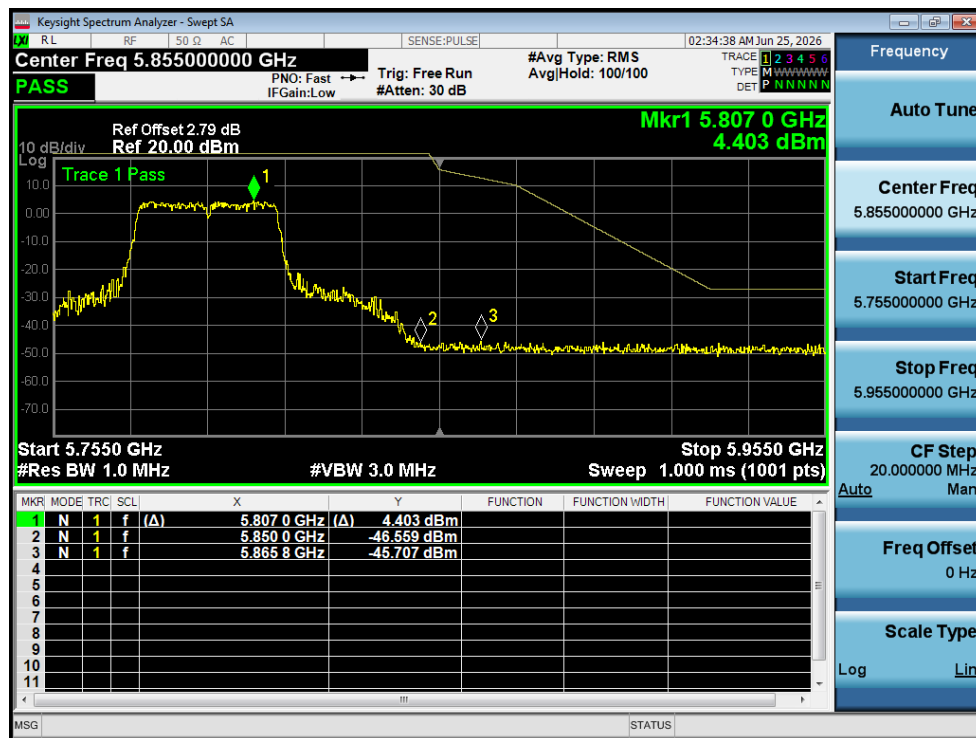
Band Edge NVNT n20 5745MHz Low Ant1



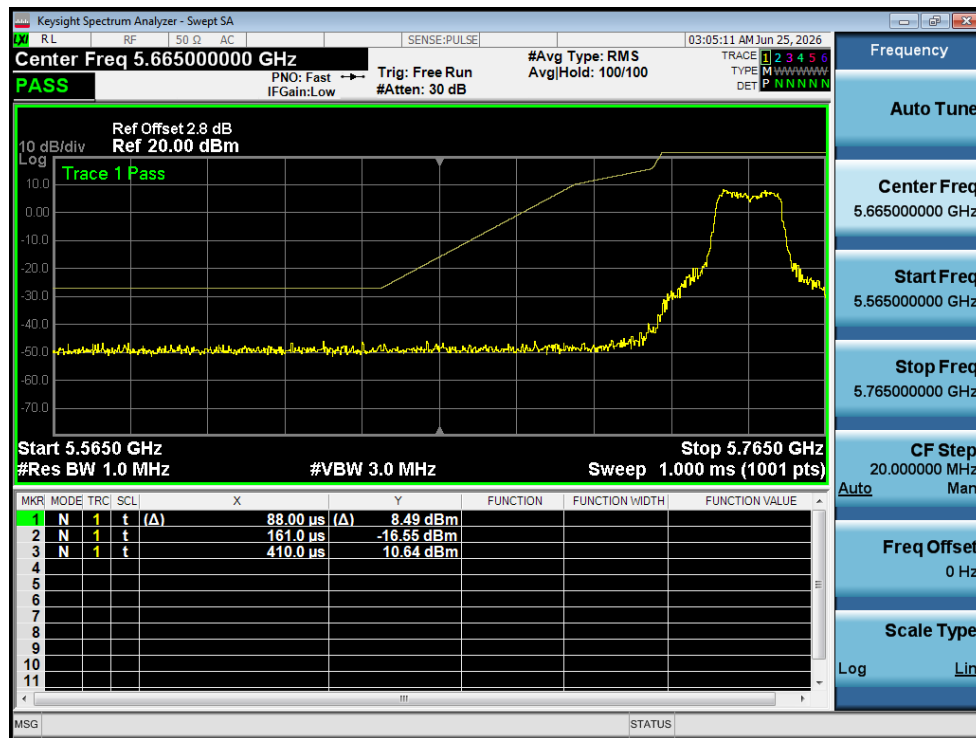
Band Edge NVNT n20 5825MHz High Ant1



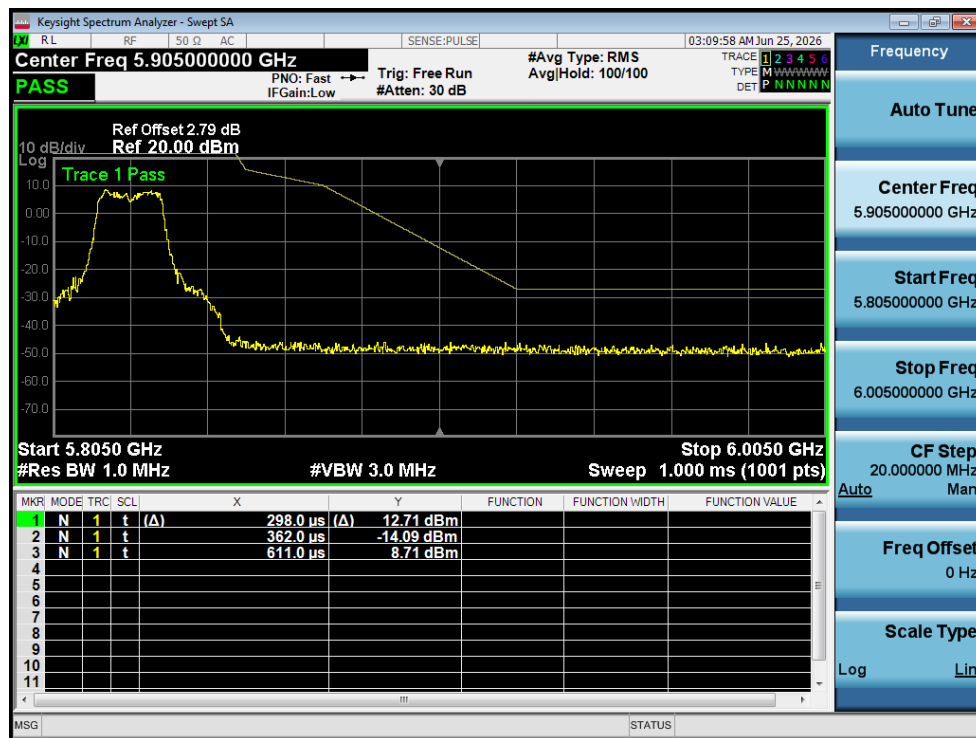
Band Edge NVNT n40 5755MHz Low Ant1



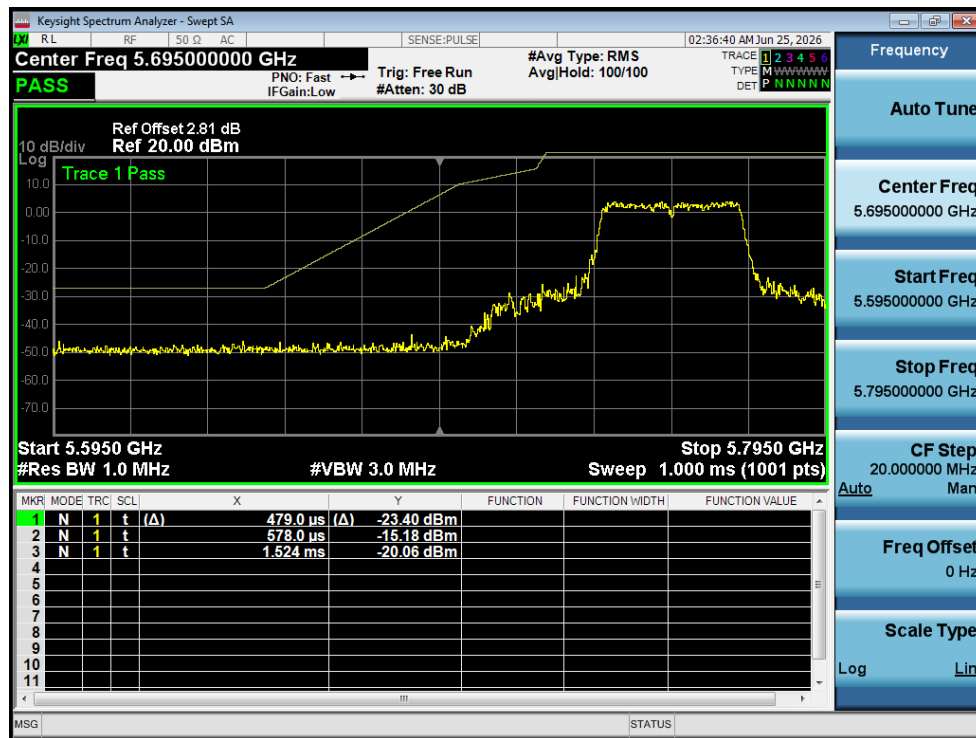
Band Edge NVNT n40 5795MHz High Ant1



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 Low Ant1



Band Edge NVNT ac80 5775MHz High Ant1

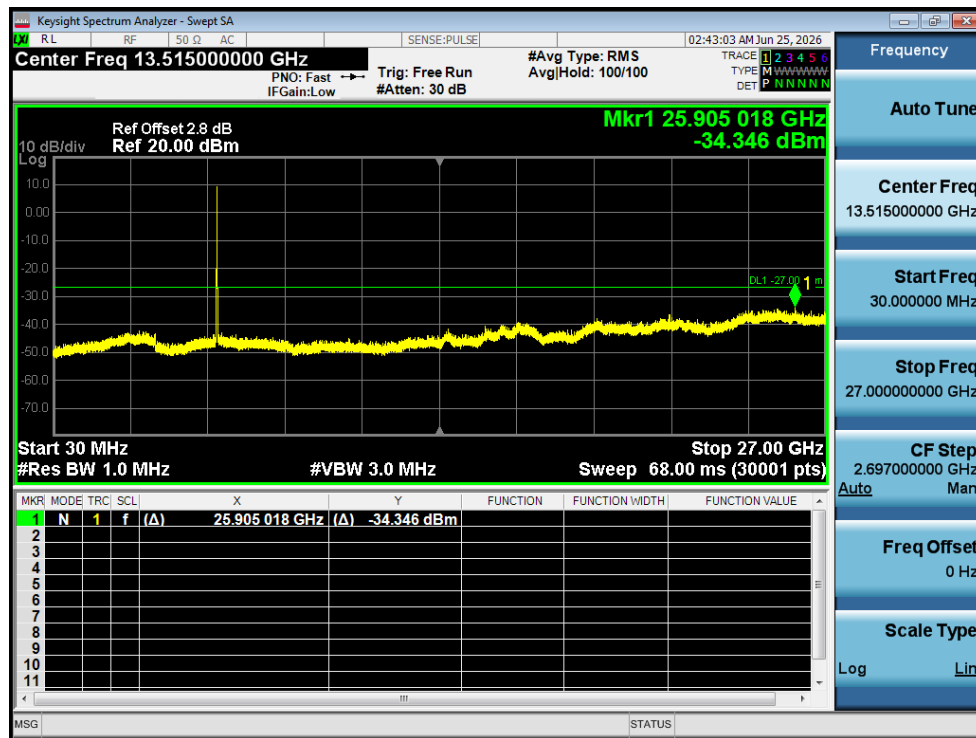


Band Edge NVNT ac80 5775MHz Low Ant1

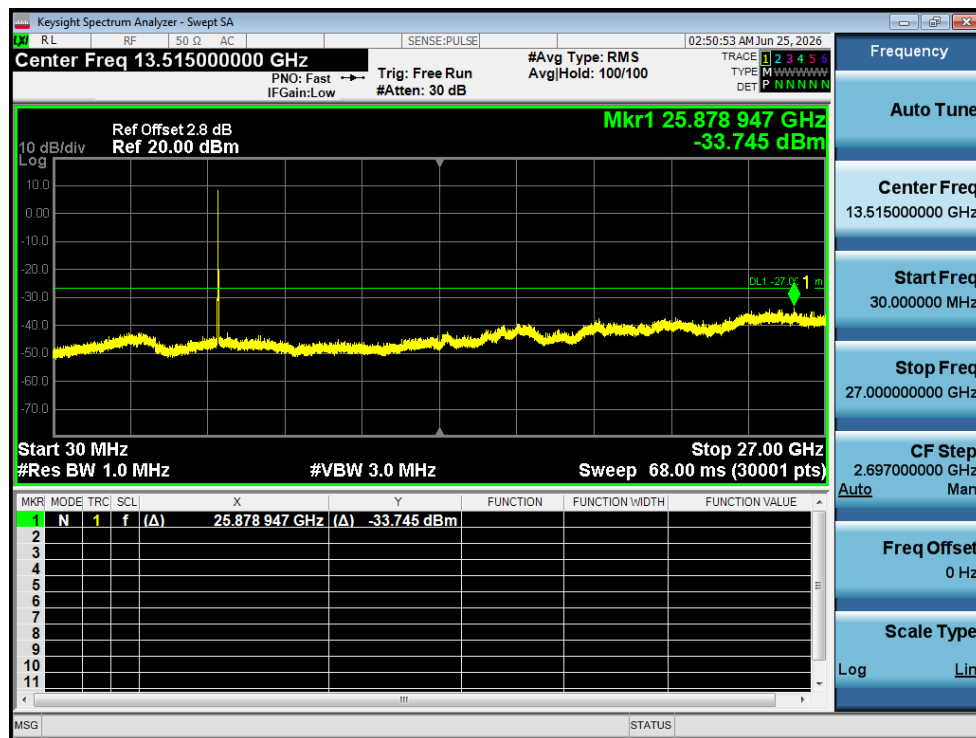
7. Conducted RF Spurious Emission

Condition	Mode	Frequency (MHz)	Antenna	Max Value (dBc)	Limit (dBc)	Verdict
NVNT	a	5745	Ant1	-34.34	-27	Pass
NVNT	a	5785	Ant1	-33.74	-27	Pass
NVNT	a	5825	Ant1	-34.59	-27	Pass
NVNT	n20	5745	Ant1	-34.43	-27	Pass
NVNT	n20	5785	Ant1	-34.47	-27	Pass
NVNT	n20	5825	Ant1	-34.72	-27	Pass
NVNT	n40	5755	Ant1	-34.25	-27	Pass
NVNT	n40	5795	Ant1	-34.15	-27	Pass
NVNT	ac20	5745	Ant1	-34.18	-27	Pass
NVNT	ac20	5785	Ant1	-35.03	-27	Pass
NVNT	ac20	5825	Ant1	-34.89	-27	Pass
NVNT	ac40	5755	Ant1	-34.47	-27	Pass
NVNT	ac40	5795	Ant1	-34.02	-27	Pass
NVNT	ac80	5775	Ant1	-34.43	-27	Pass

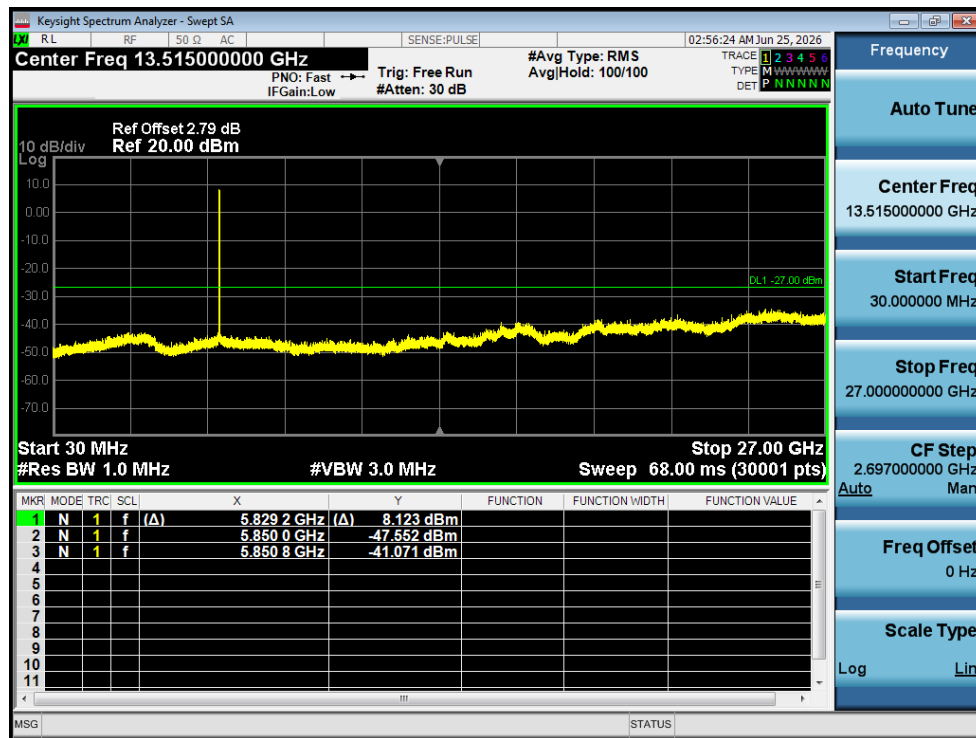
Note: Testing is carried out with frequency rang 30MHz to the 40GHz, above 27GHz not recorded for no spurious point have a margin of less than 6 dB with respect to the limits.



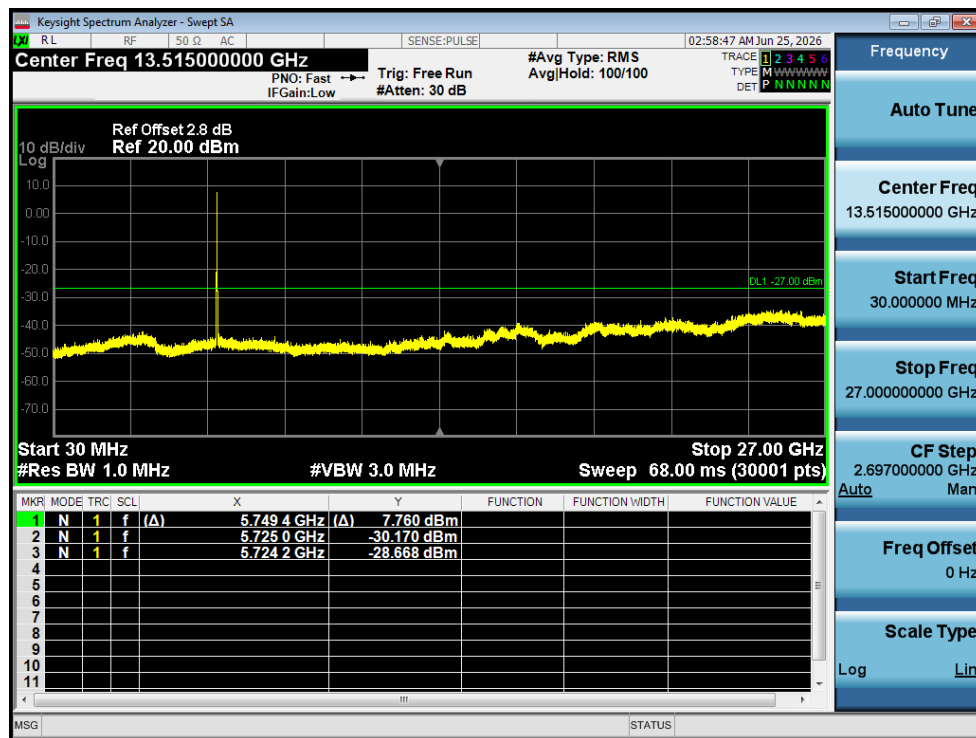
Tx. Spurious NVNT a 5745MHz Ant1 Emission



Tx. Spurious NVNT a 5785MHz Ant1 Emission



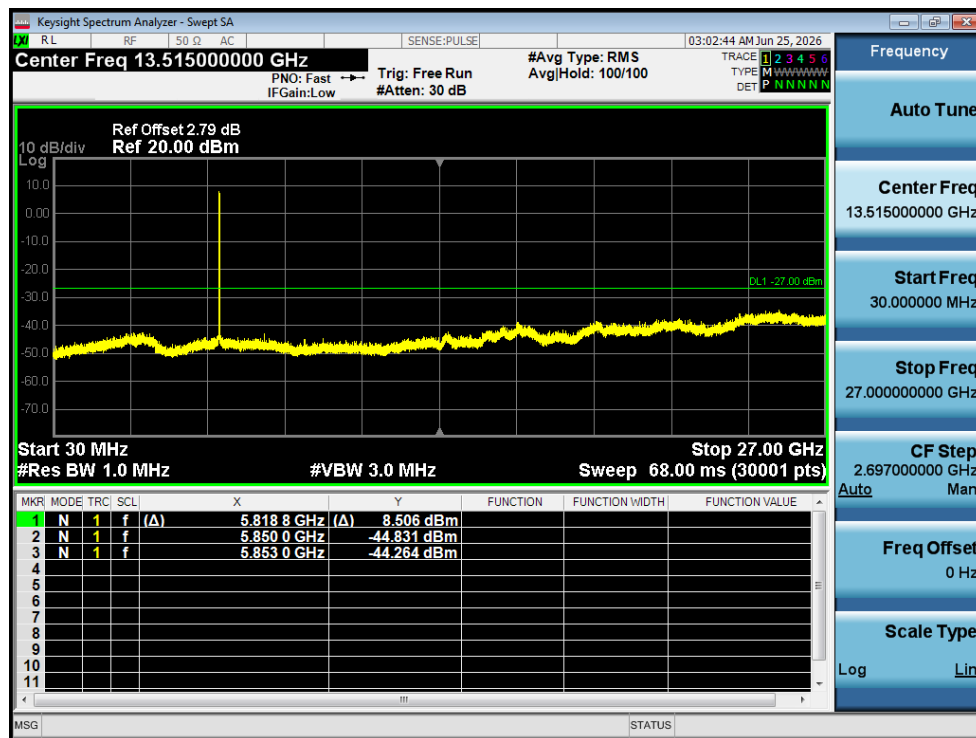
Tx. Spurious NVNT a 5825MHz Ant1 Emission



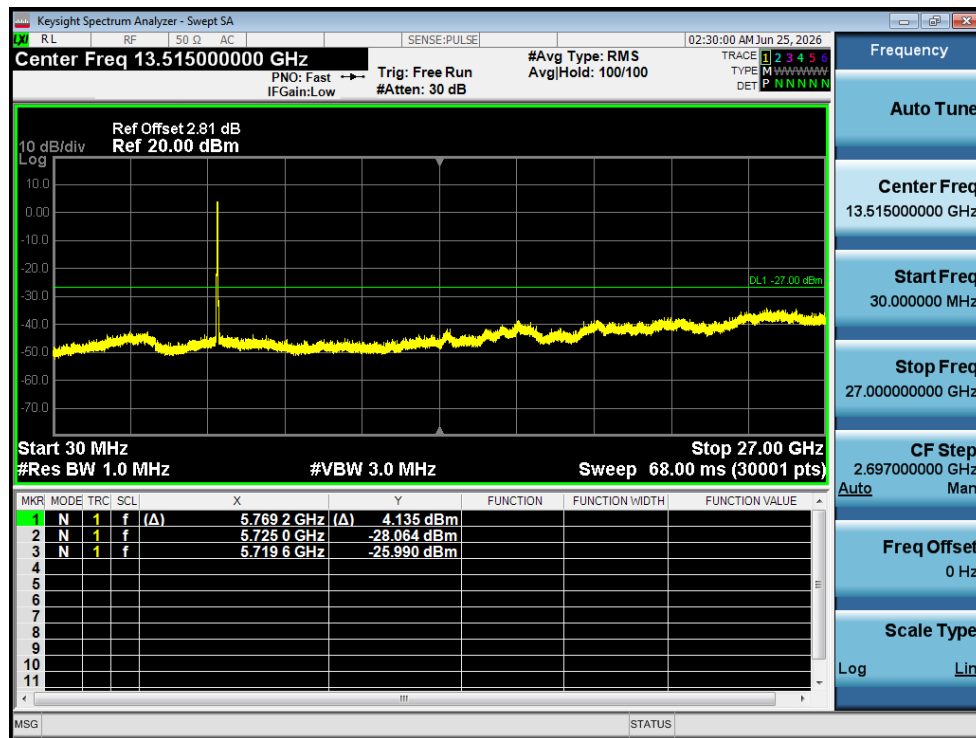
Tx. Spurious NVNT n20 5745MHz Ant1 Emission



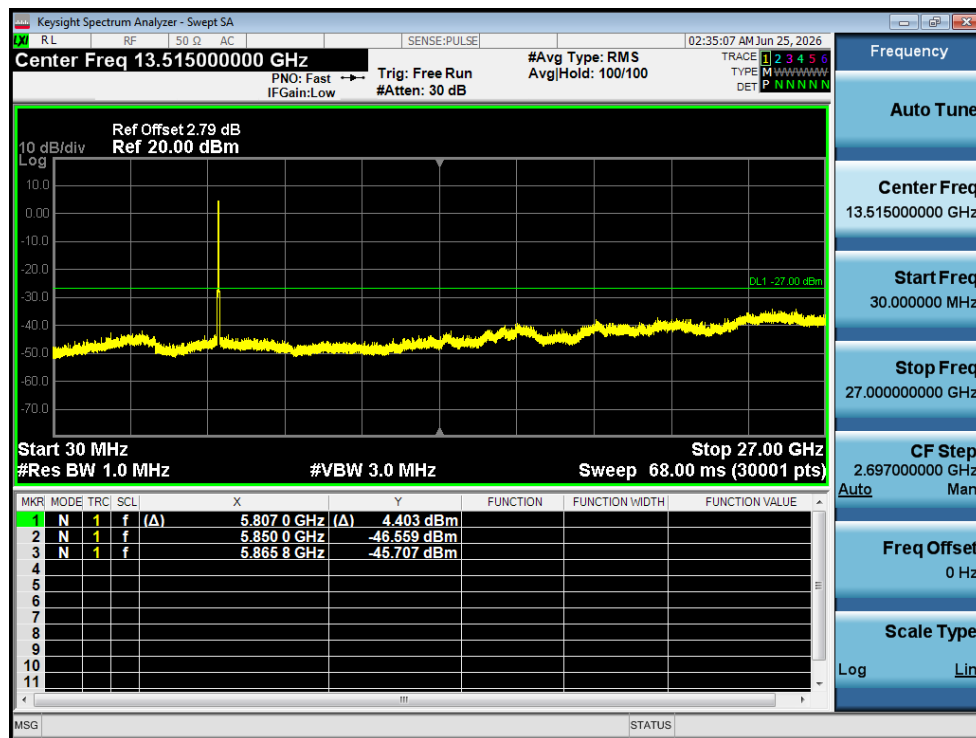
Tx. Spurious NVNT n20 5785MHz Ant1 Emission



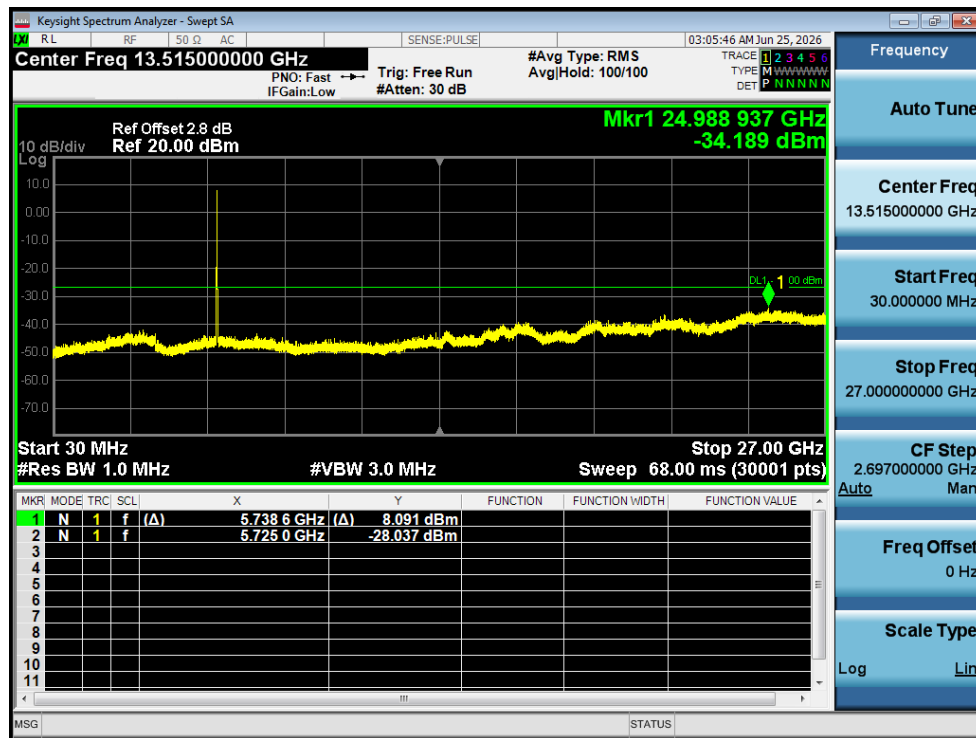
Tx. Spurious NVNT n20 5825MHz Ant1 Emission



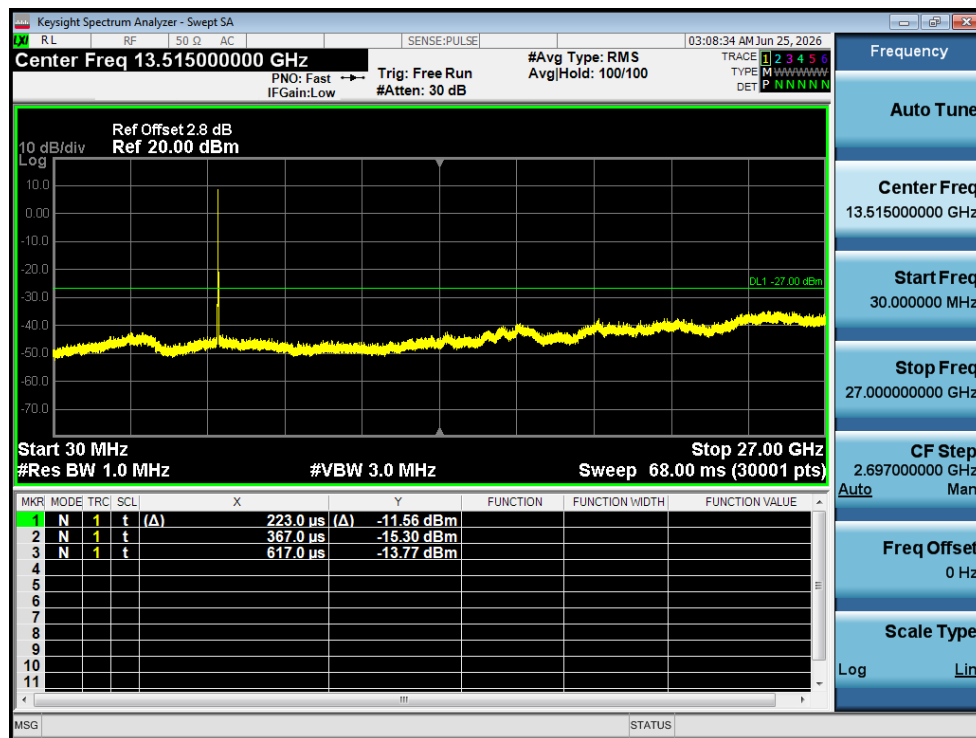
Tx. Spurious NVNT n40 5755MHz Ant1 Emission



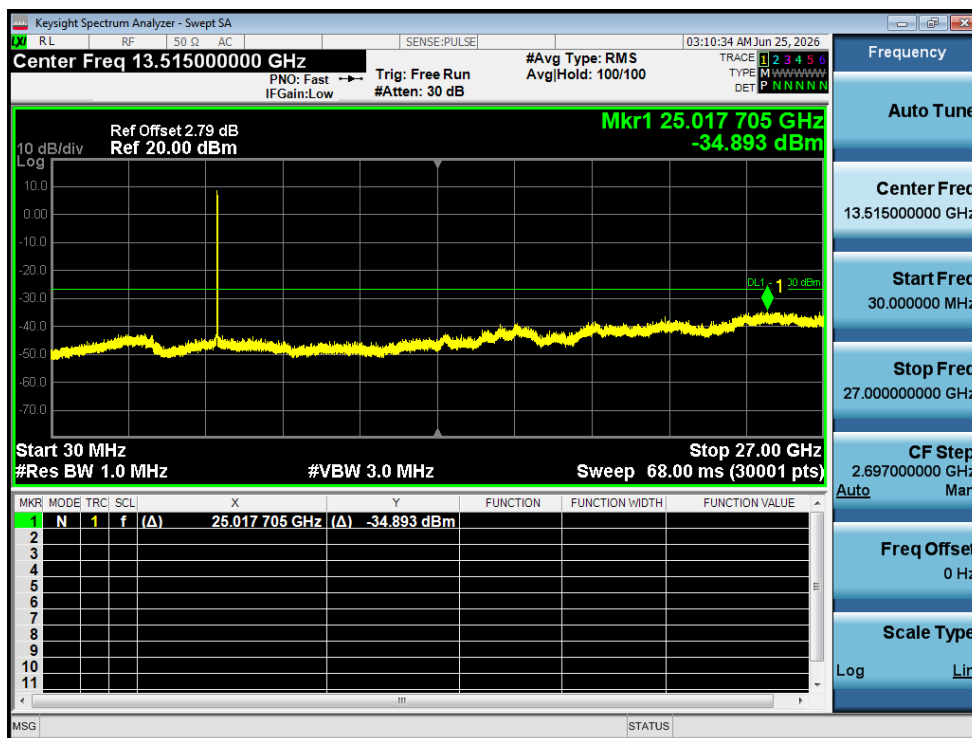
Tx. Spurious NVNT n40 5795MHz Ant1 Emission



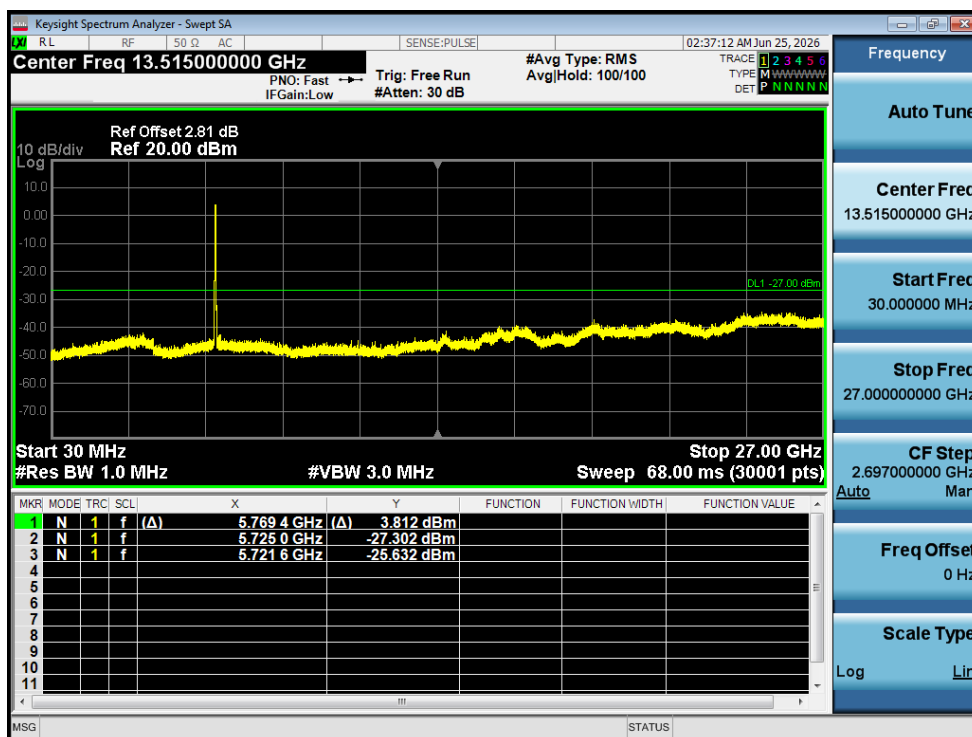
Tx. Spurious NVNT ac20 5745MHz Ant1 Emission



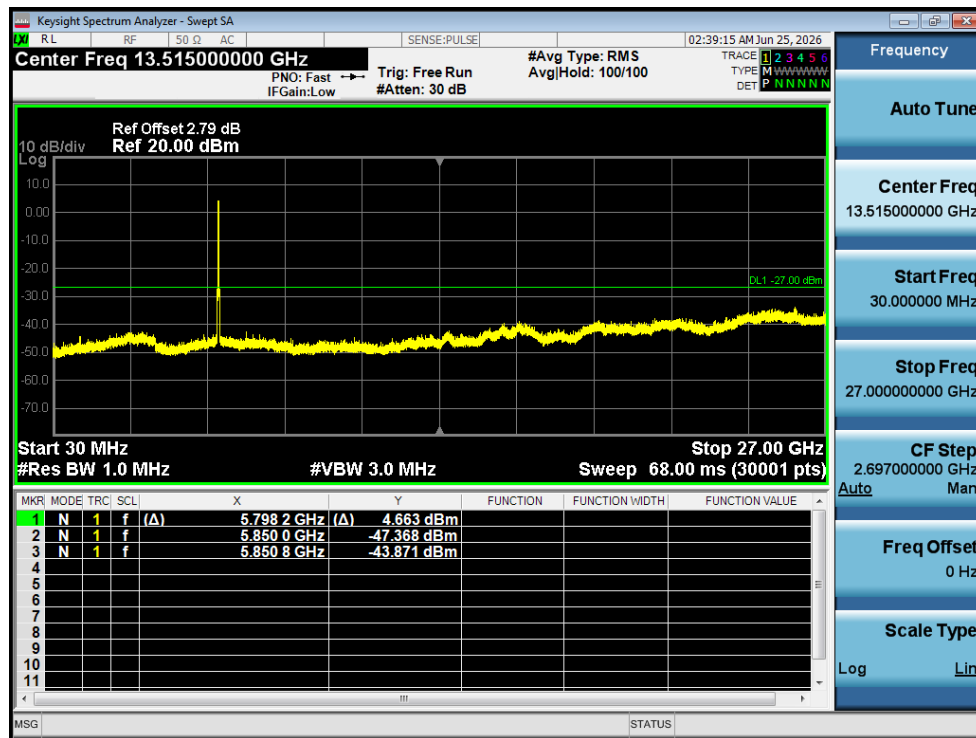
Tx. Spurious NVNT ac20 5785MHz Ant1 Emission



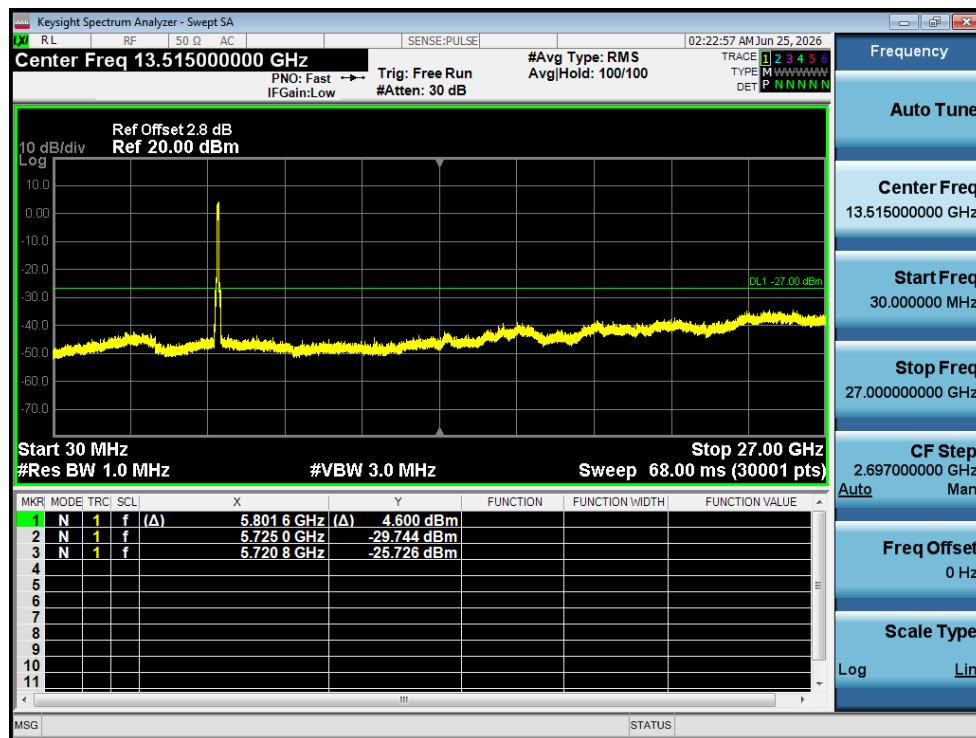
Tx. Spurious NVNT ac20 5825MHz Ant1 Emission



Tx. Spurious NVNT ac40 5755MHz Ant1 Emission



Tx. Spurious NVNT ac40 5795MHz Ant1 Emission



Tx. Spurious NVNT ac80 5775MHz Ant1 Emission