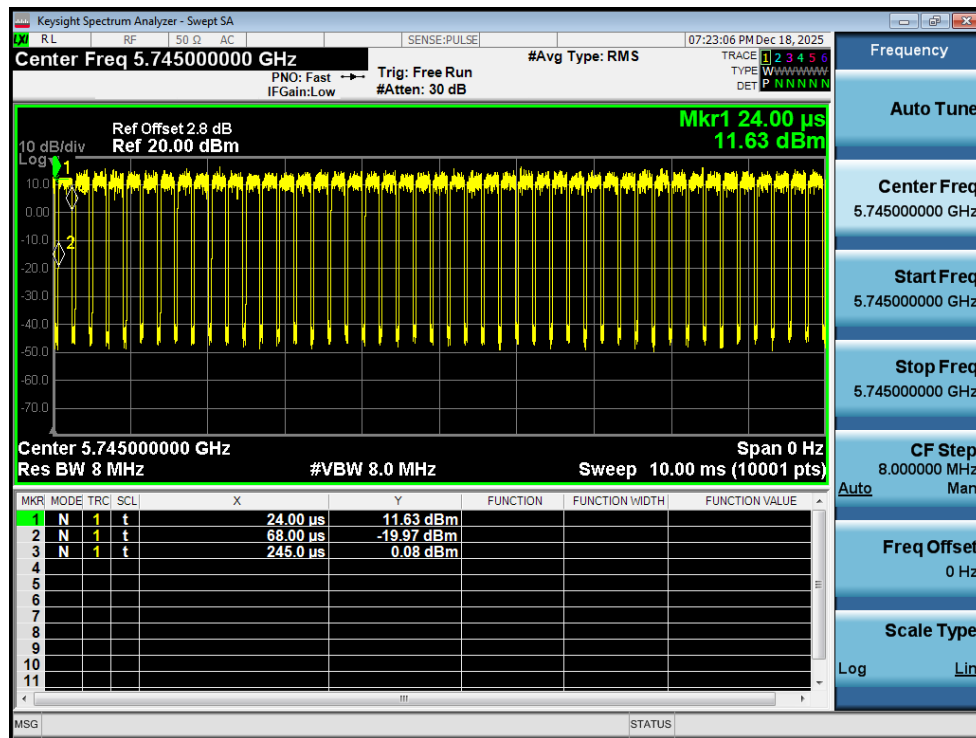


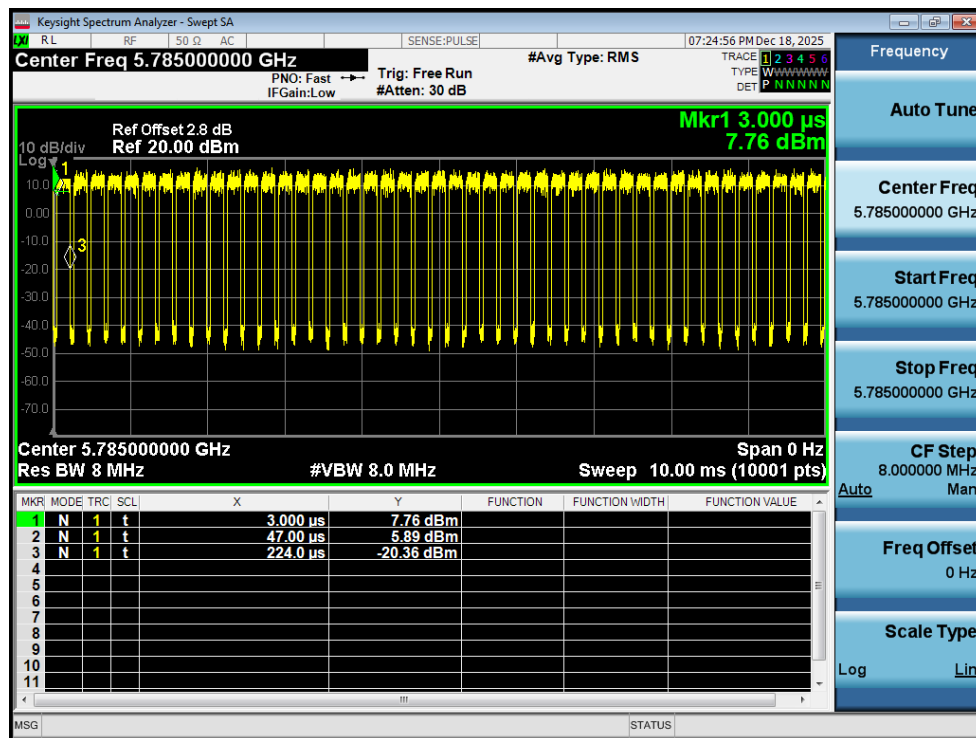
Test Data Appendix of Test Report

1. Duty Cycle

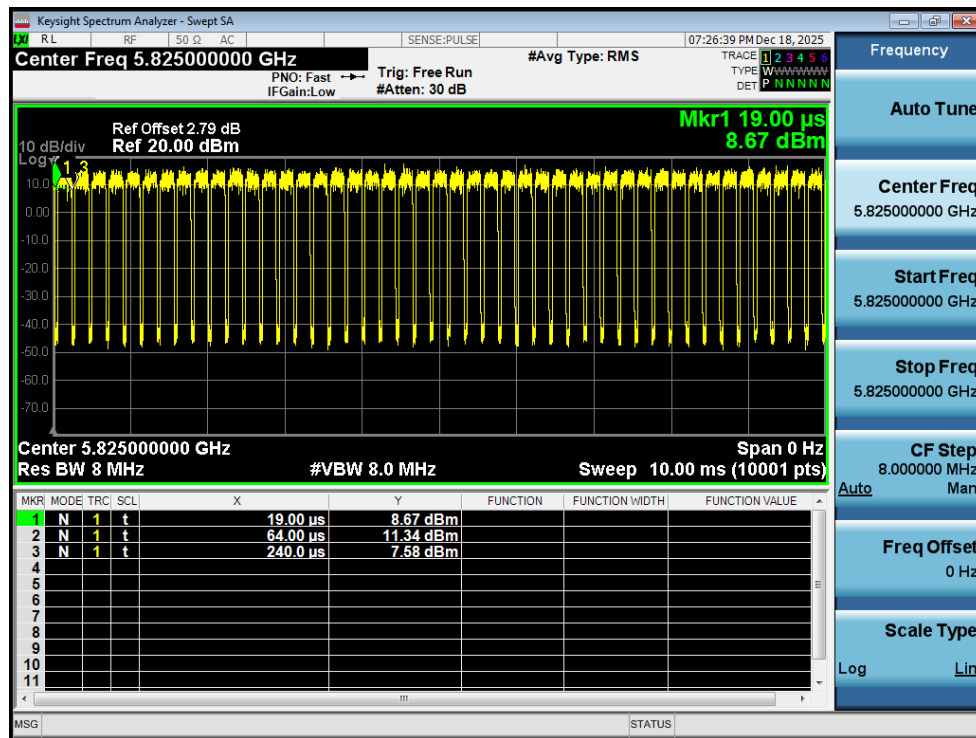
Condition	Mode	Frequency (MHz)	Antenna	Duty Cycle (%)	Correction Factor (dB)	1/T (kHz)
NVNT	a	5745	Ant1	80.09	0.96	5.65
NVNT	a	5785	Ant1	80.09	0.96	5.65
NVNT	a	5825	Ant1	79.64	0.99	5.68
NVNT	n20	5745	Ant1	78.85	1.03	6.1
NVNT	n20	5785	Ant1	78.95	1.03	6.06
NVNT	n20	5825	Ant1	78.47	1.05	6.1
NVNT	n40	5755	Ant1	65.49	1.84	9.98
NVNT	n40	5795	Ant1	70.48	1.52	9.83
NVNT	ac20	5745	Ant1	77.2	1.12	6.71
NVNT	ac20	5785	Ant1	77.08	1.13	6.76
NVNT	ac20	5825	Ant1	77.08	1.13	6.76
NVNT	ac40	5755	Ant1	59.84	2.23	10.86
NVNT	ac40	5795	Ant1	64.6	1.9	10.68
NVNT	ac80	5775	Ant1	41.99	3.77	15.5



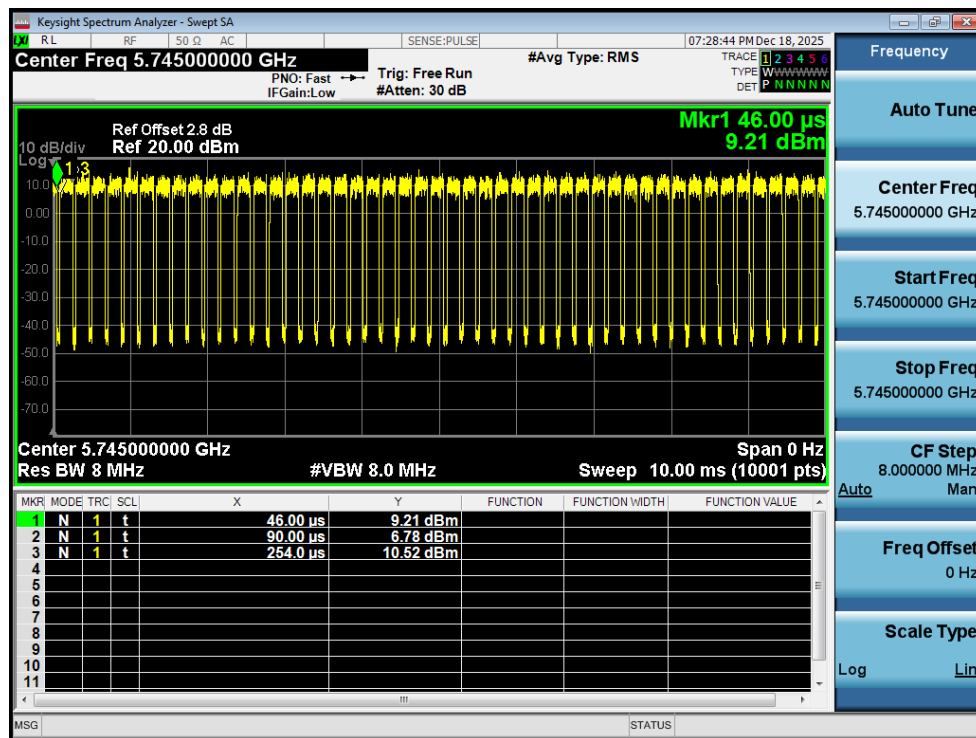
Duty Cycle NVNT a 5745MHz Ant1



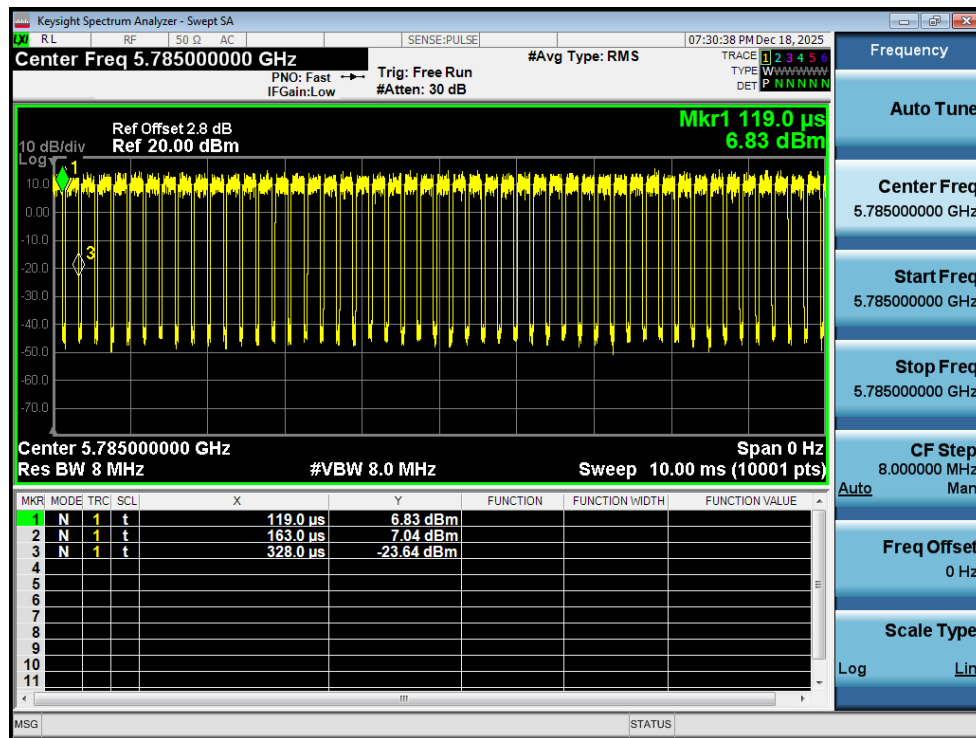
Duty Cycle NVNT a 5785MHz Ant1



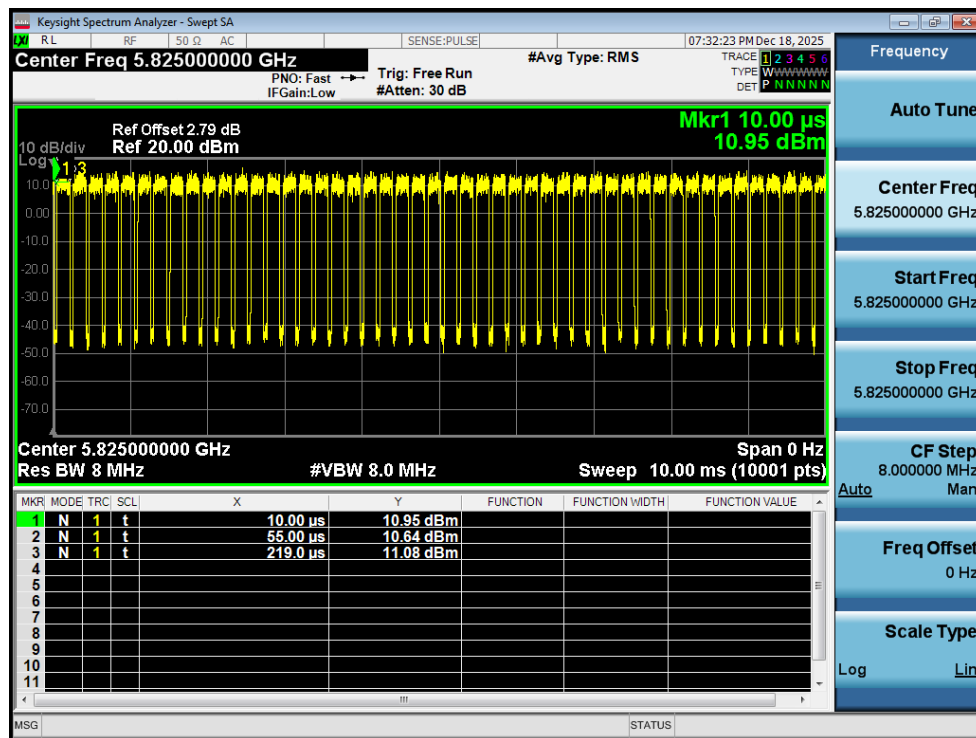
Duty Cycle NVNT a 5825MHz Ant1



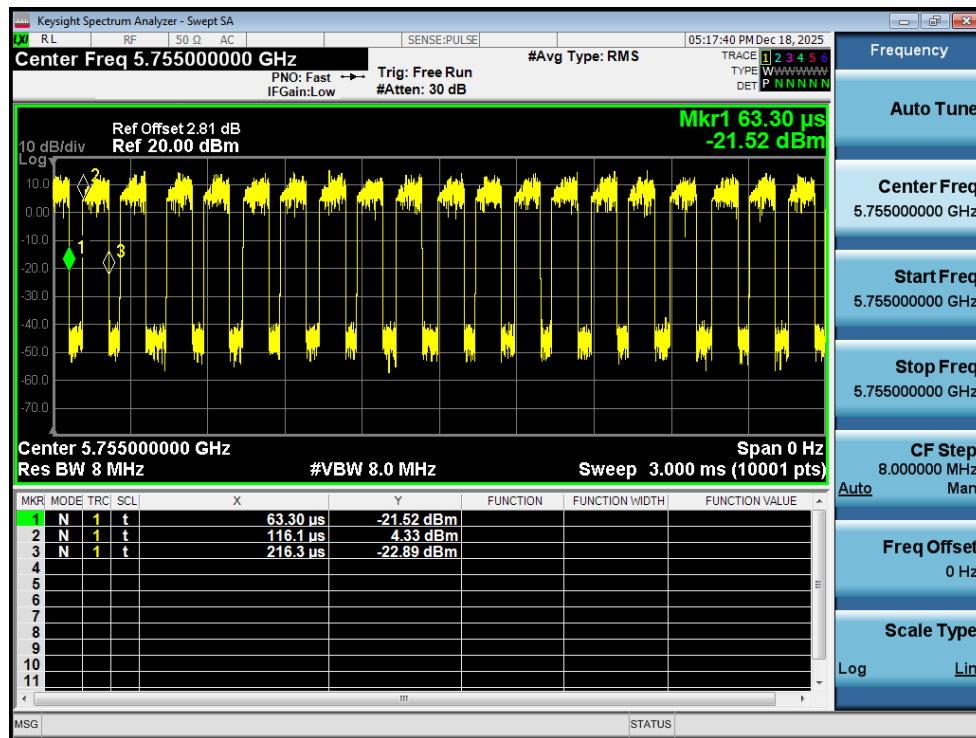
Duty Cycle NVNT n20 5745MHz Ant1



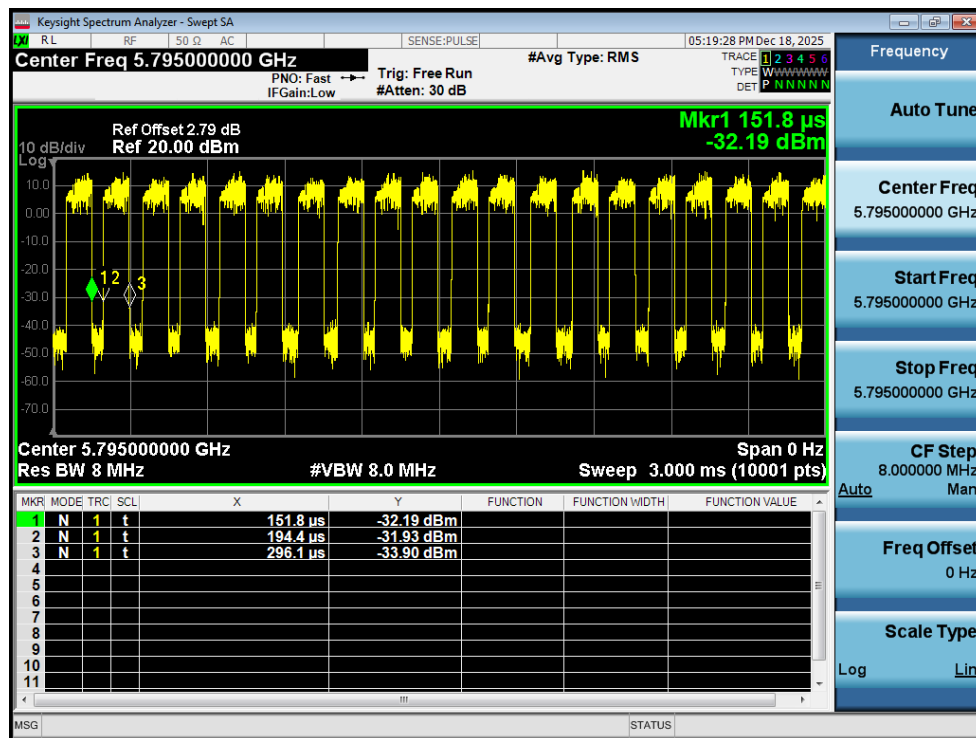
Duty Cycle NVNT n20 5785MHz Ant1



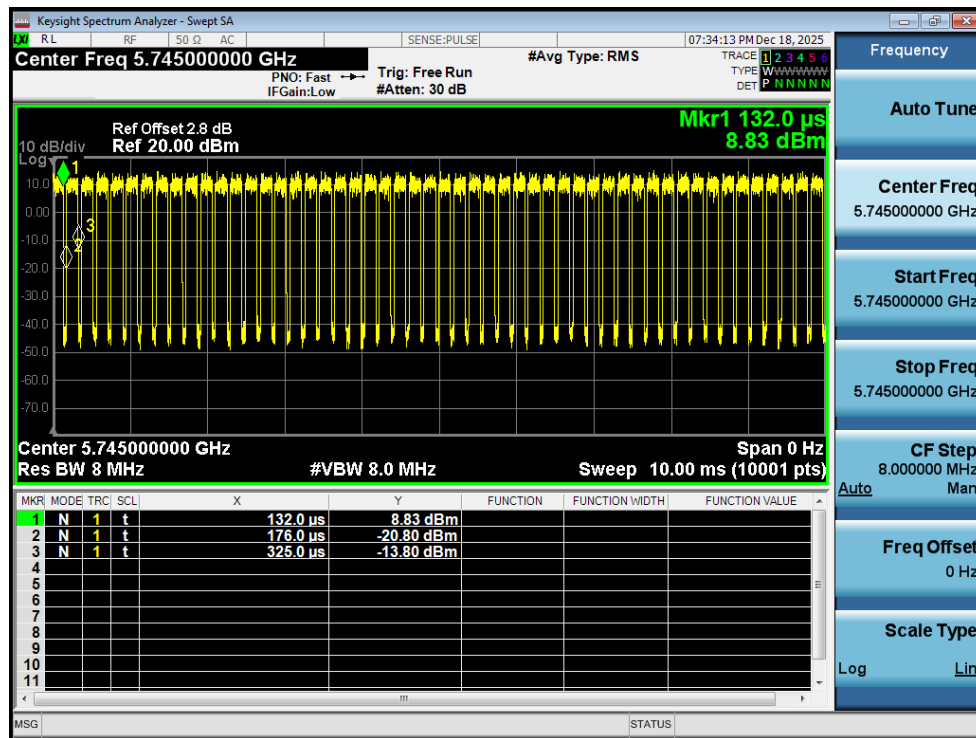
Duty Cycle NVNT n20 5825MHz Ant1



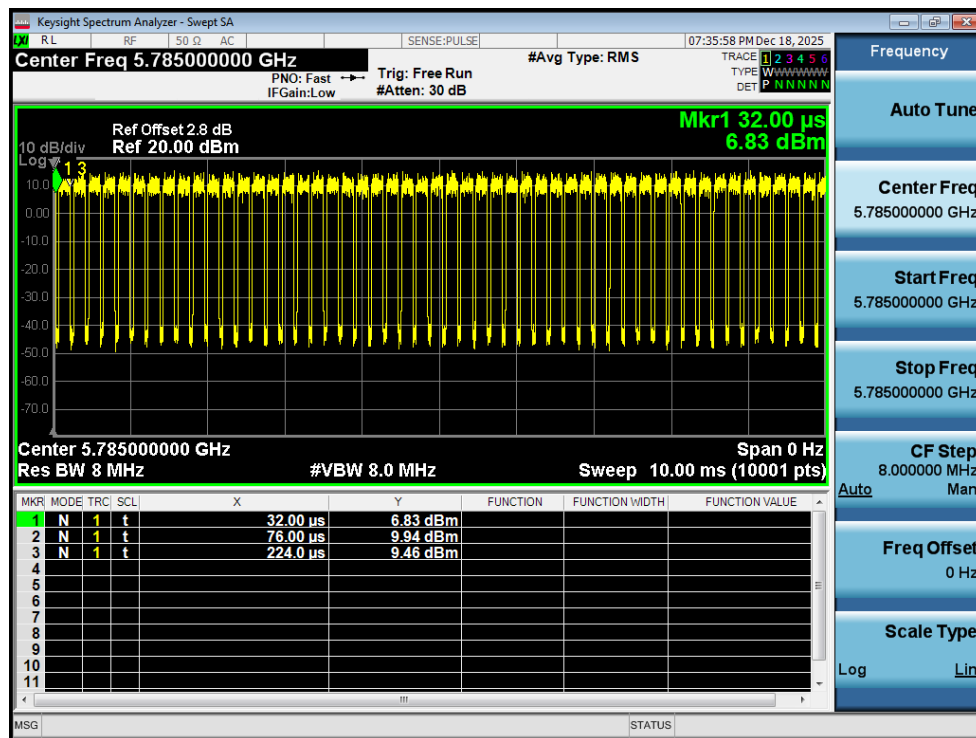
Duty Cycle NVNT n40 5755MHz Ant1



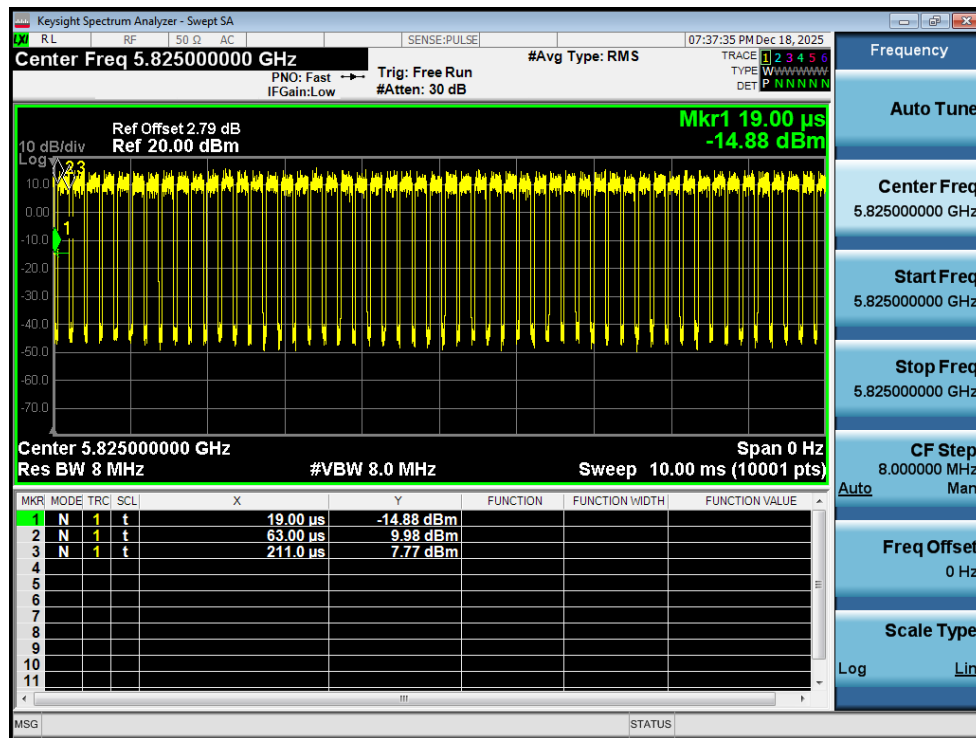
Duty Cycle NVNT n40 5795MHz Ant1



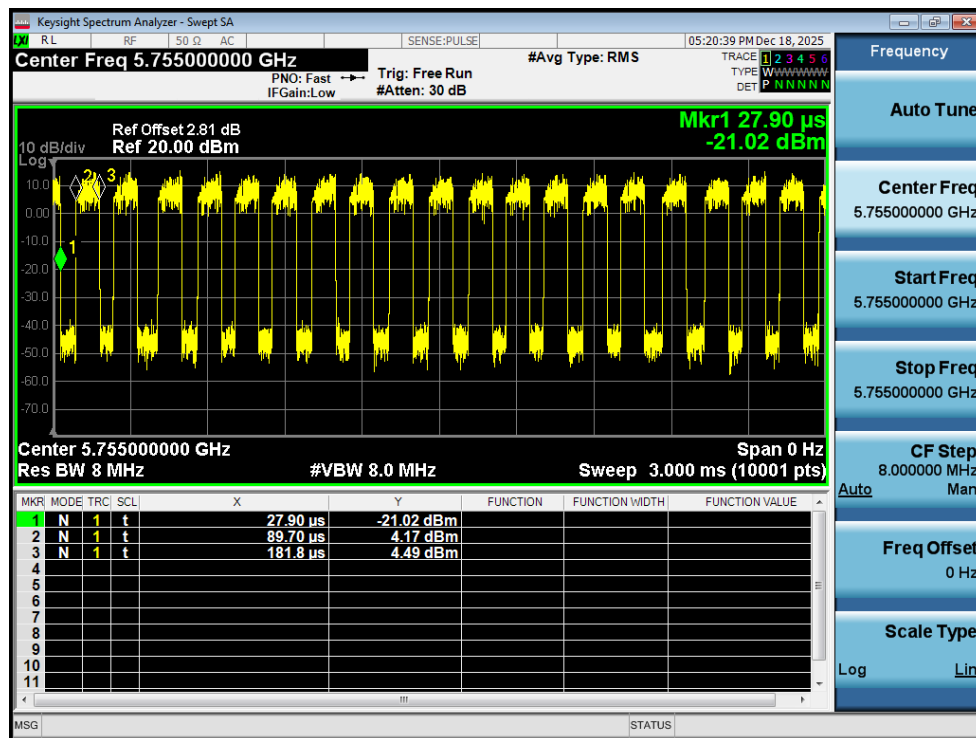
Duty Cycle NVNT ac20 5745MHz Ant1



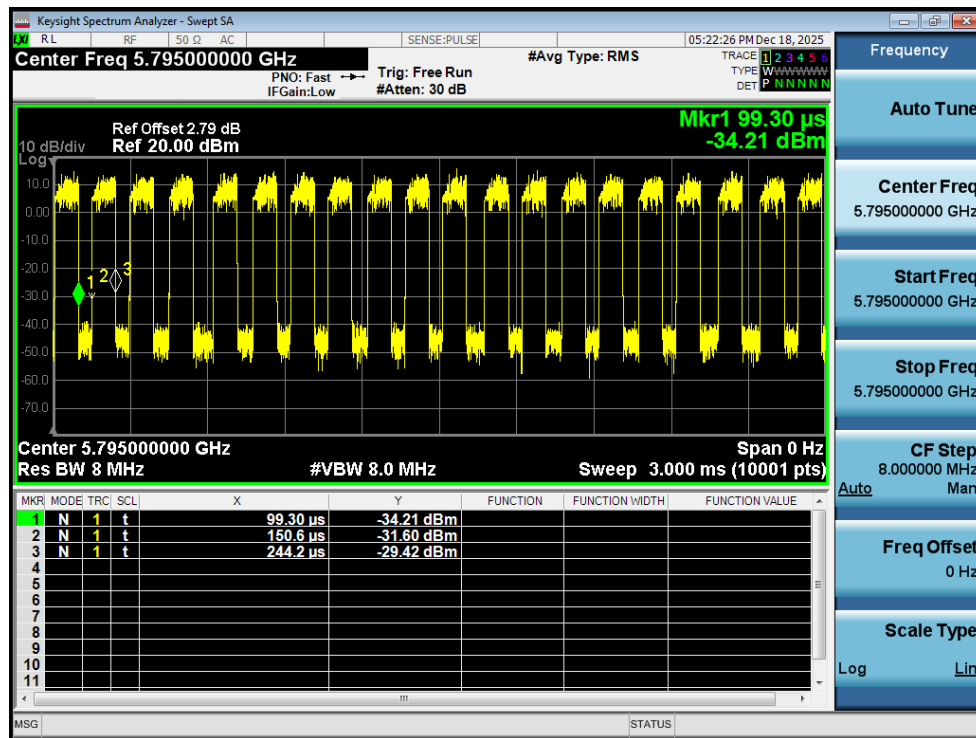
Duty Cycle NVNT ac20 5785MHz Ant1



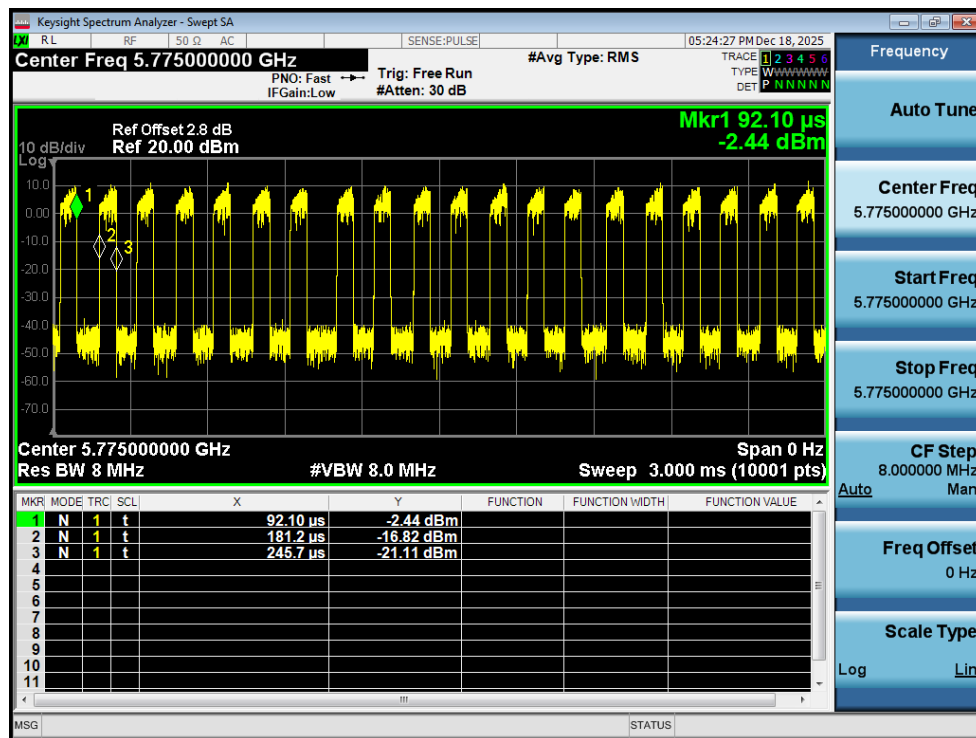
Duty Cycle NVNT ac20 5825MHz Ant1



Duty Cycle NVNT ac40 5755MHz Ant1



Duty Cycle NVNT ac40 5795MHz Ant1

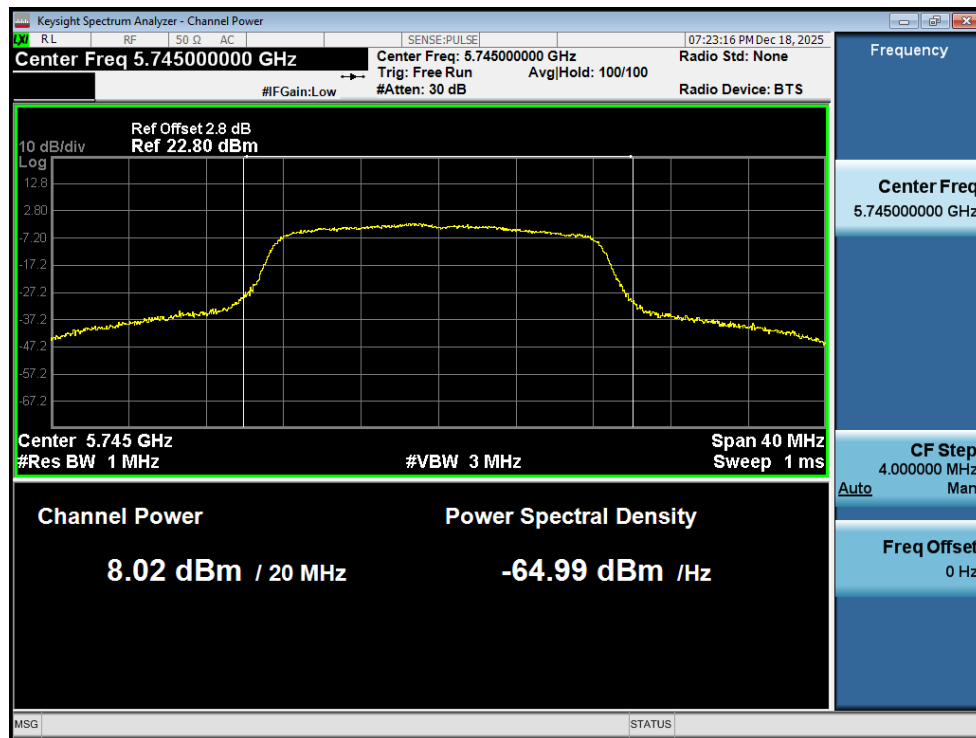


Duty Cycle NVNT ac80 5775MHz Ant1

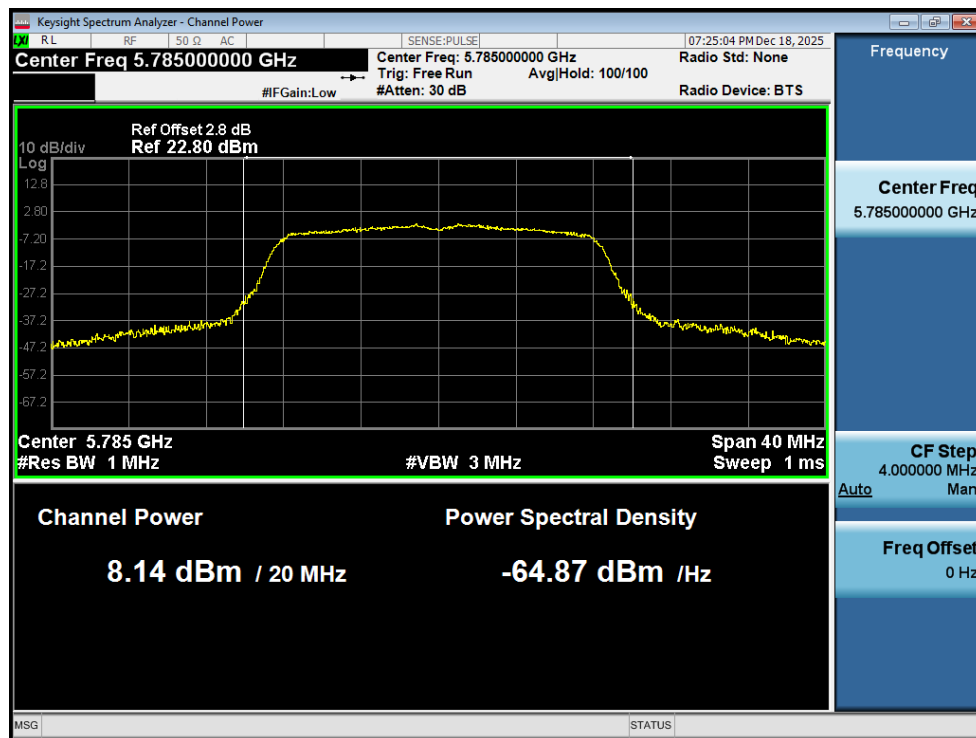
2. Maximum Conducted Output Power

Condition	Mode	Frequency (MHz)	Antenna	Conducted Power (dBm)	Duty Factor (dB)	Total Power (dBm)	Limit (dBm)	Verdict
NVNT	a	5745	Ant1	8.02	0.96	8.98	30	Pass
NVNT	a	5785	Ant1	8.14	0.96	9.1	30	Pass
NVNT	a	5825	Ant1	8.41	0.99	9.4	30	Pass
NVNT	n20	5745	Ant1	7.06	1.03	8.09	30	Pass
NVNT	n20	5785	Ant1	7.15	1.03	8.18	30	Pass
NVNT	n20	5825	Ant1	7.17	1.05	8.22	30	Pass
NVNT	n40	5755	Ant1	8.19	1.84	10.03	30	Pass
NVNT	n40	5795	Ant1	8.47	1.52	9.99	30	Pass
NVNT	ac20	5745	Ant1	6.8	1.12	7.92	30	Pass
NVNT	ac20	5785	Ant1	6.85	1.13	7.98	30	Pass
NVNT	ac20	5825	Ant1	7.17	1.13	8.3	30	Pass
NVNT	ac40	5755	Ant1	7.99	2.23	10.22	30	Pass
NVNT	ac40	5795	Ant1	8.18	1.9	10.08	30	Pass
NVNT	ac80	5775	Ant1	6.32	3.77	10.09	30	Pass

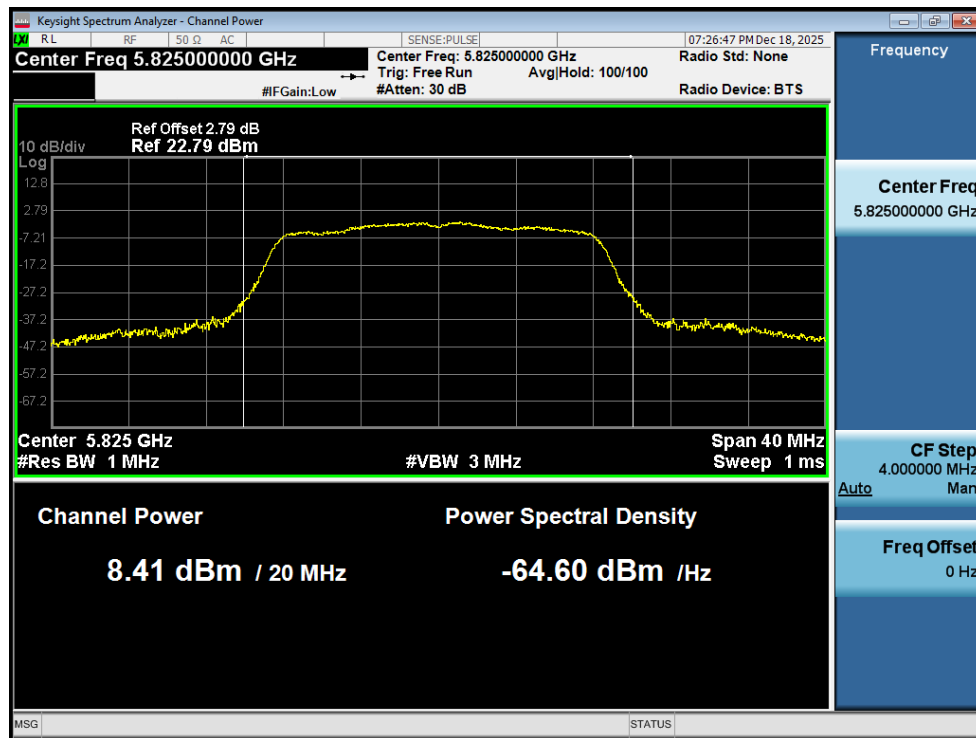
Note: Total power=Conducted power + Duty factor



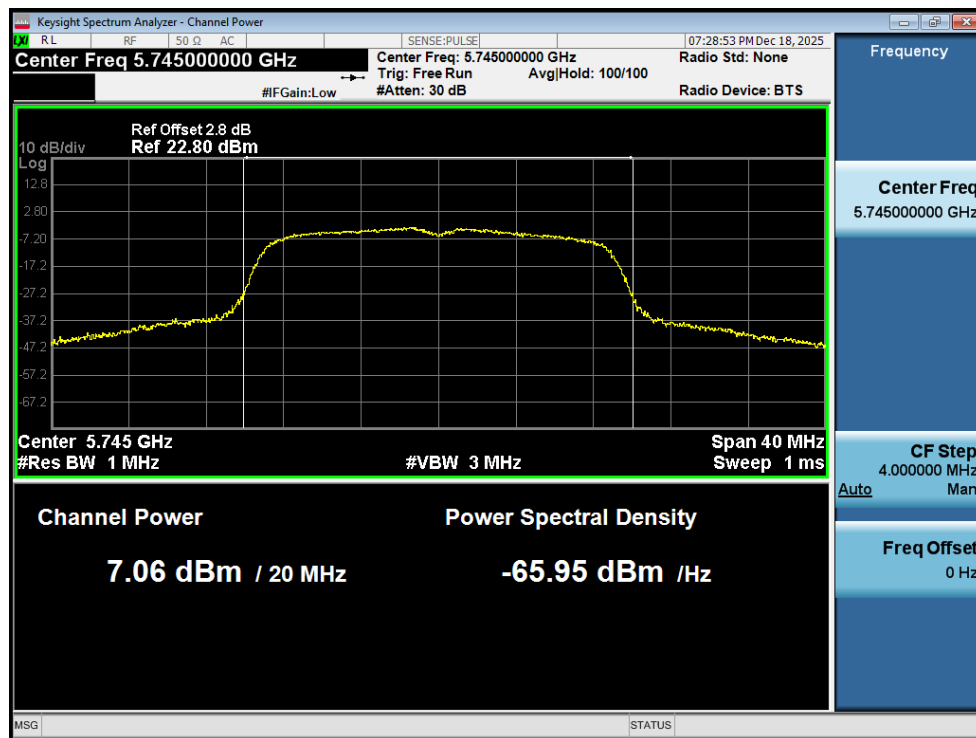
Power NVNT a 5745MHz Ant1



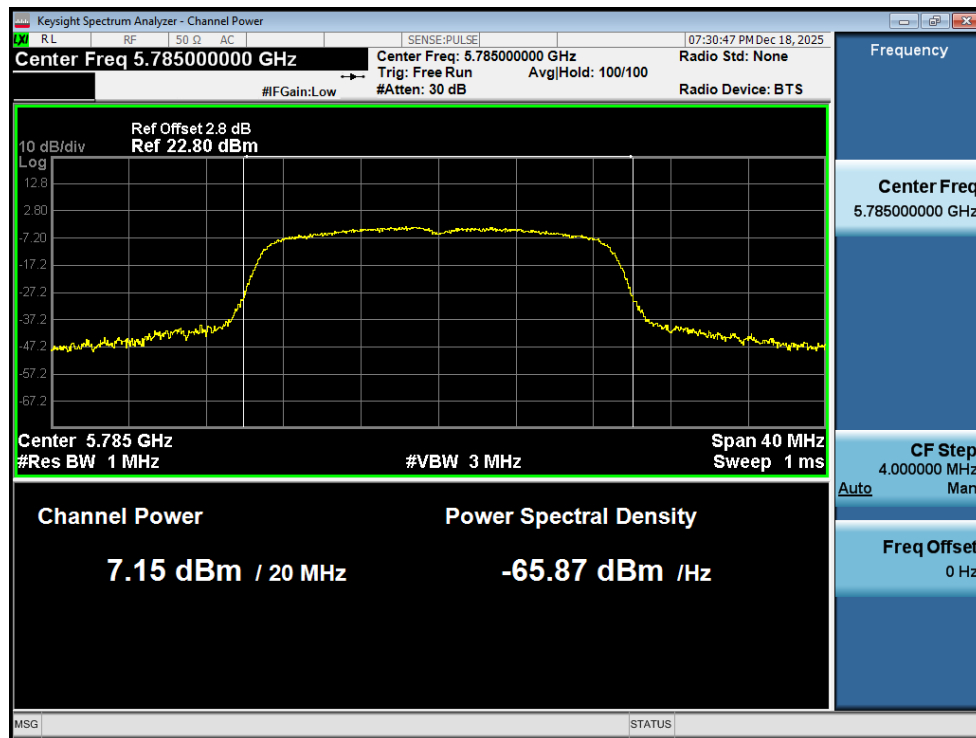
Power NVNT a 5785MHz Ant1



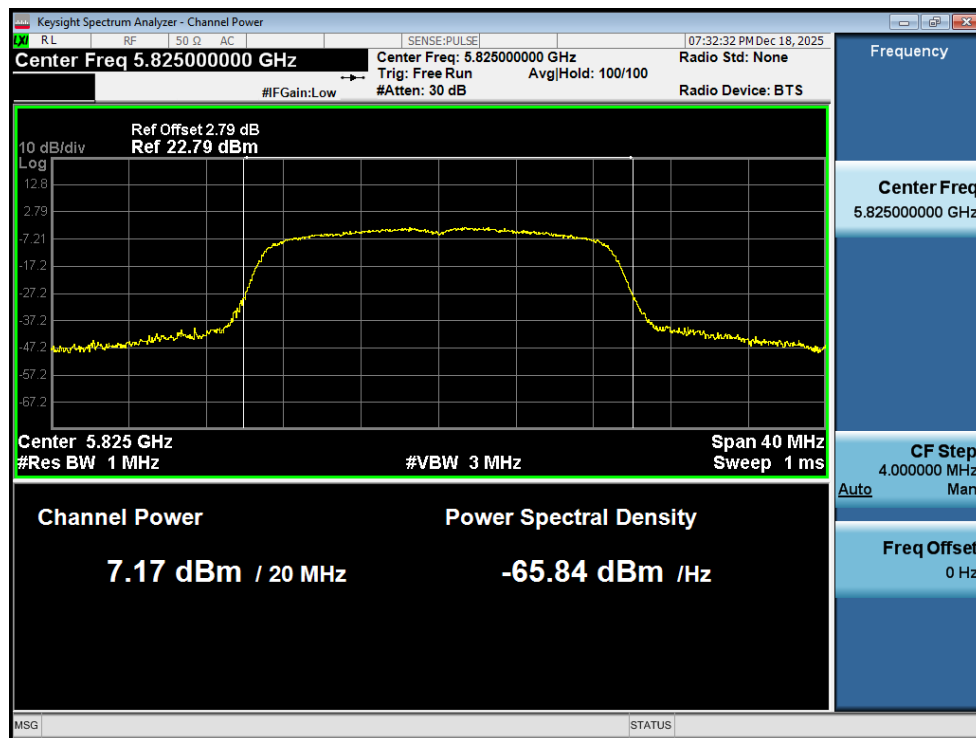
Power NVNT a 5825MHz Ant1



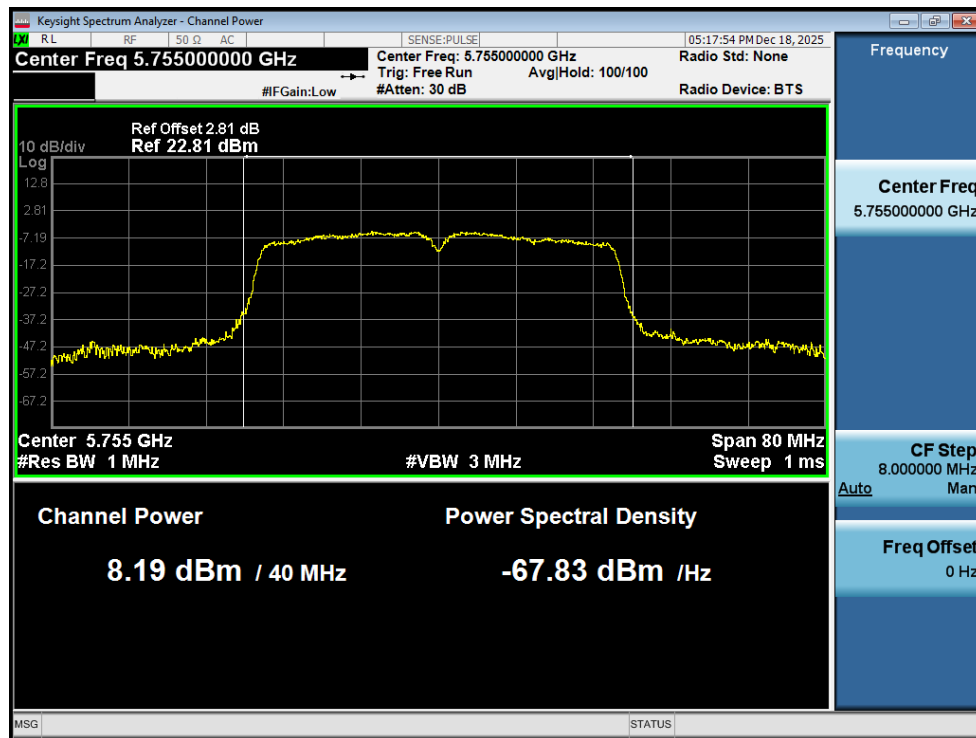
Power NVNT n20 5745MHz Ant1



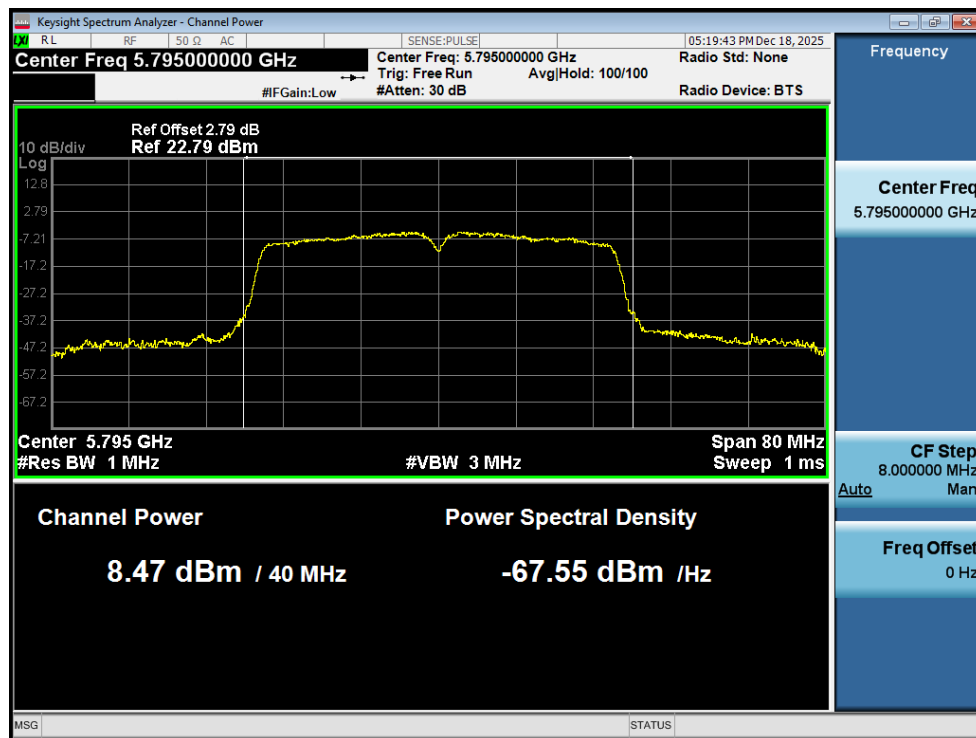
Power NVNT n20 5785MHz Ant1



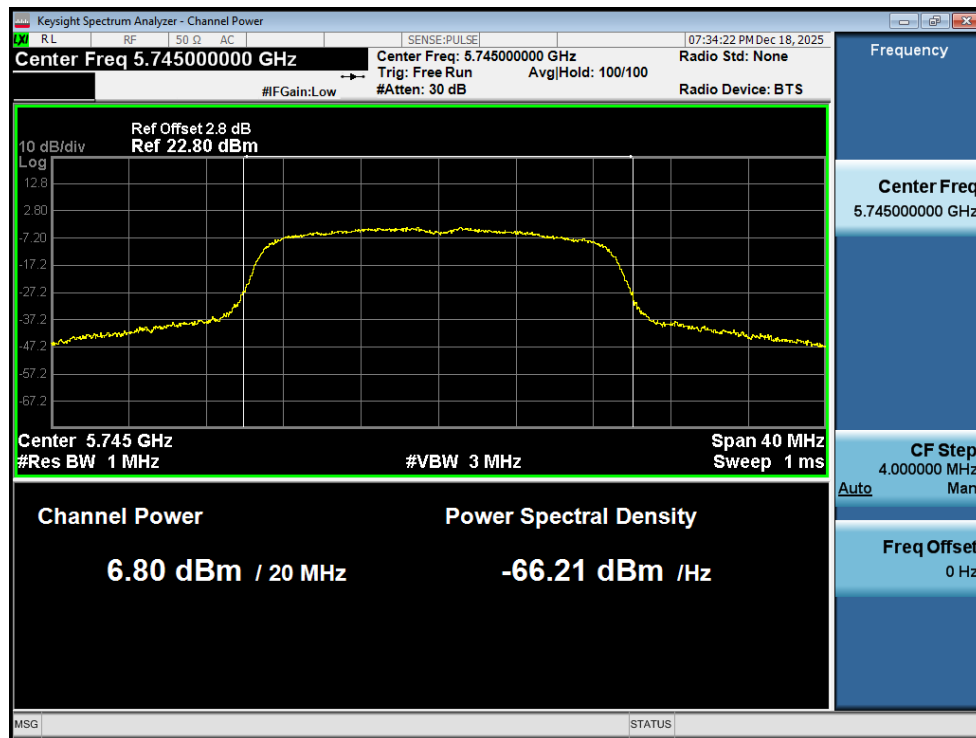
Power NVNT n20 5825MHz Ant1



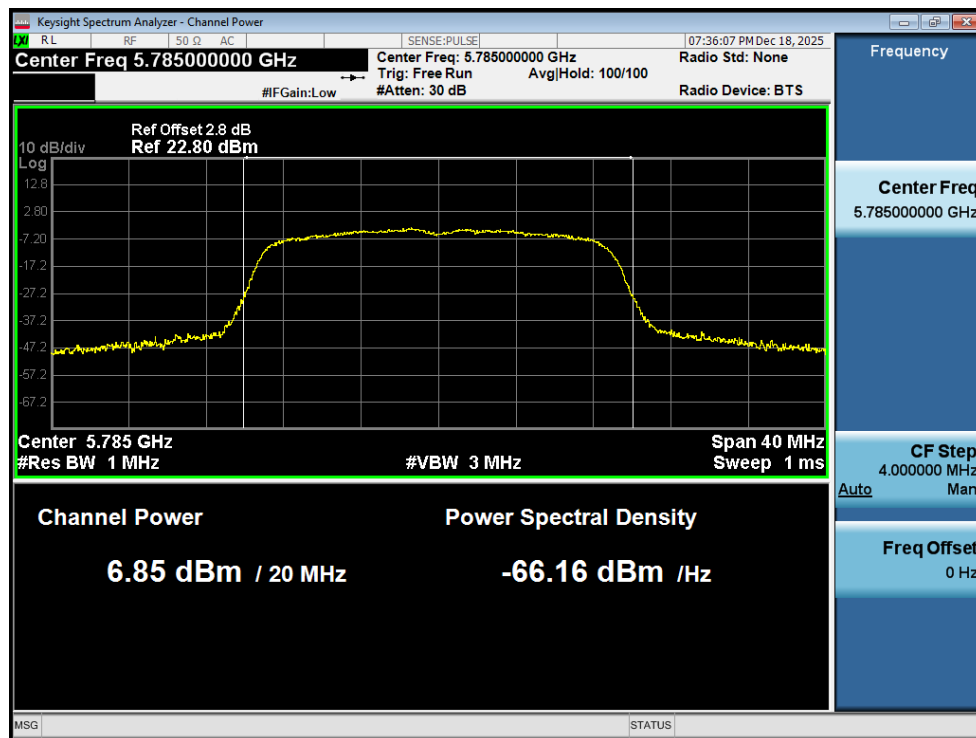
Power NVNT n40 5755MHz Ant1



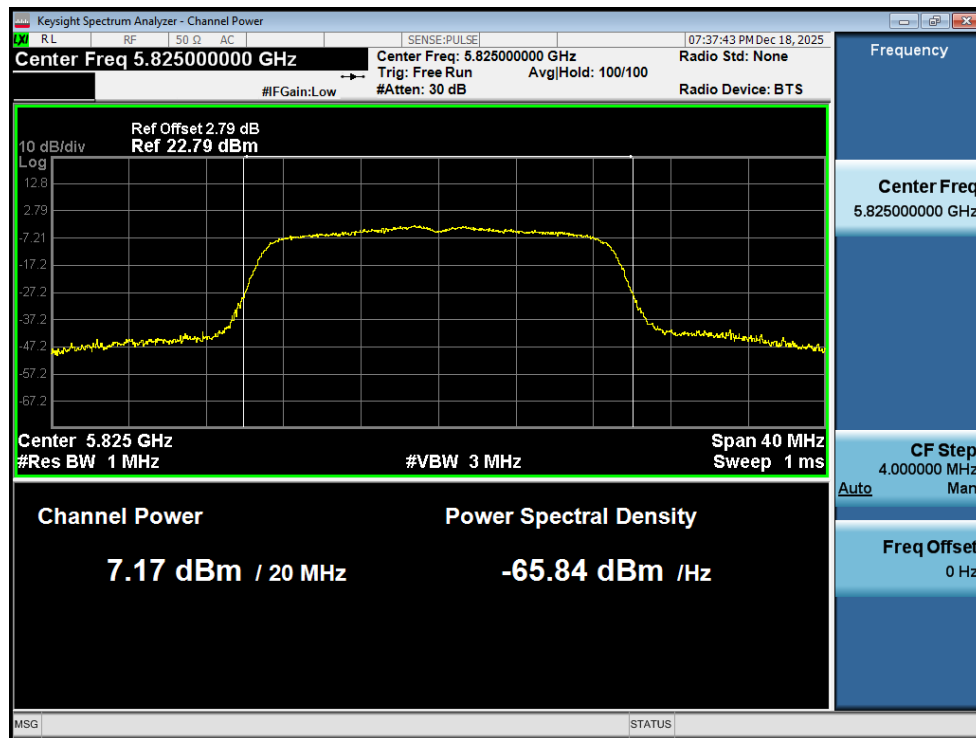
Power NVNT n40 5795MHz Ant1



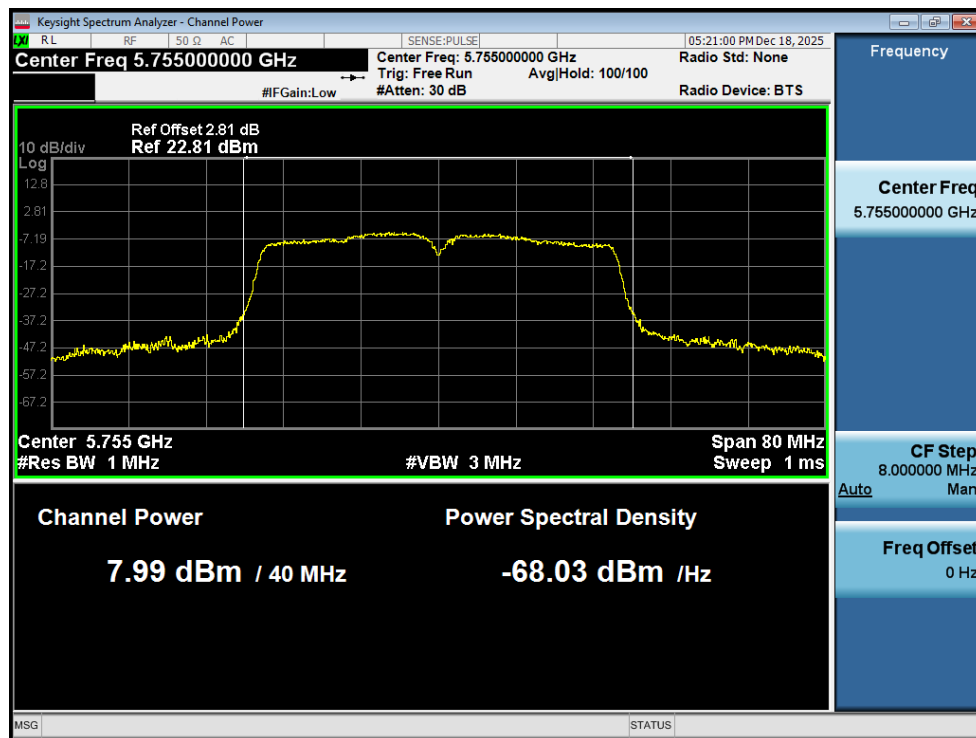
Power NVNT ac20 5745MHz Ant1



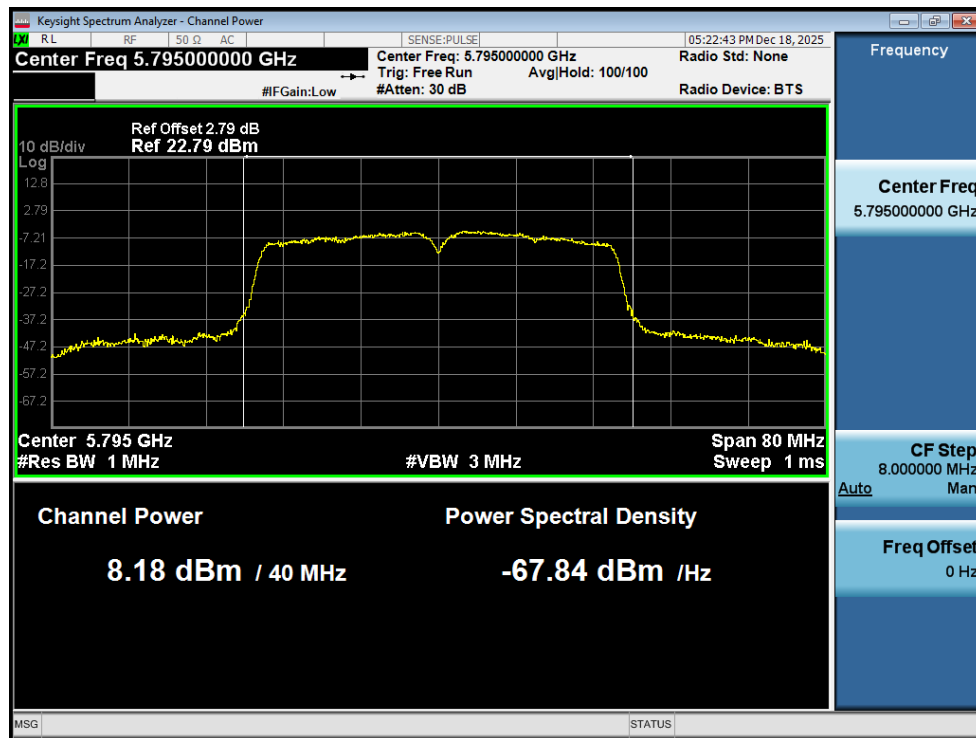
Power NVNT ac20 5785MHz Ant1



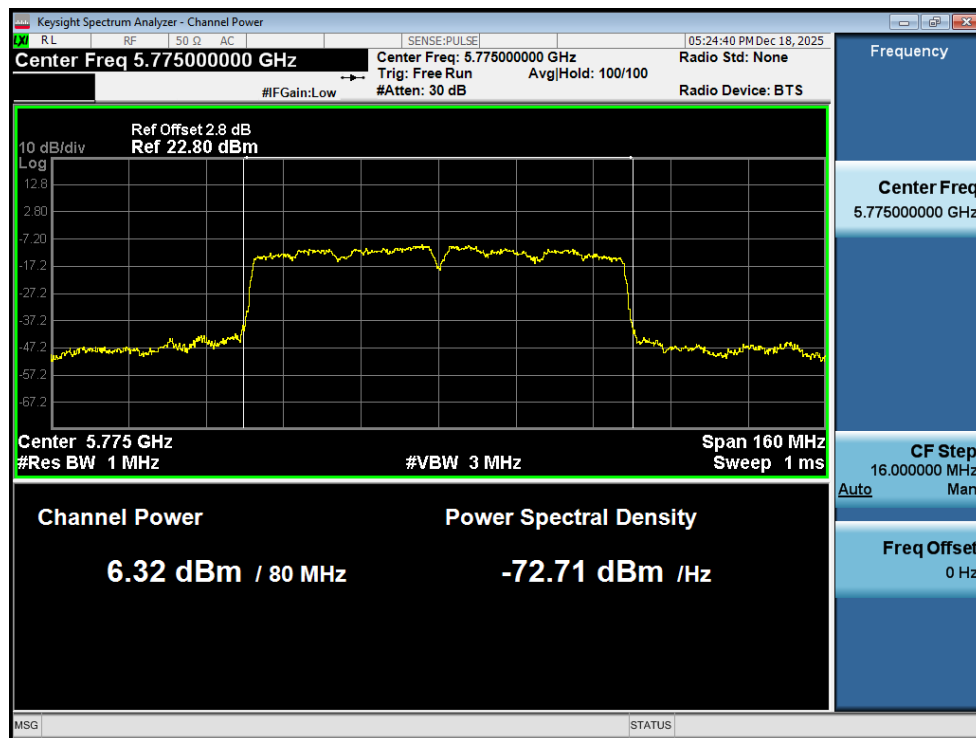
Power NVNT ac20 5825MHz Ant1



Power NVNT ac40 5755MHz Ant1



Power NVNT ac40 5795MHz Ant1



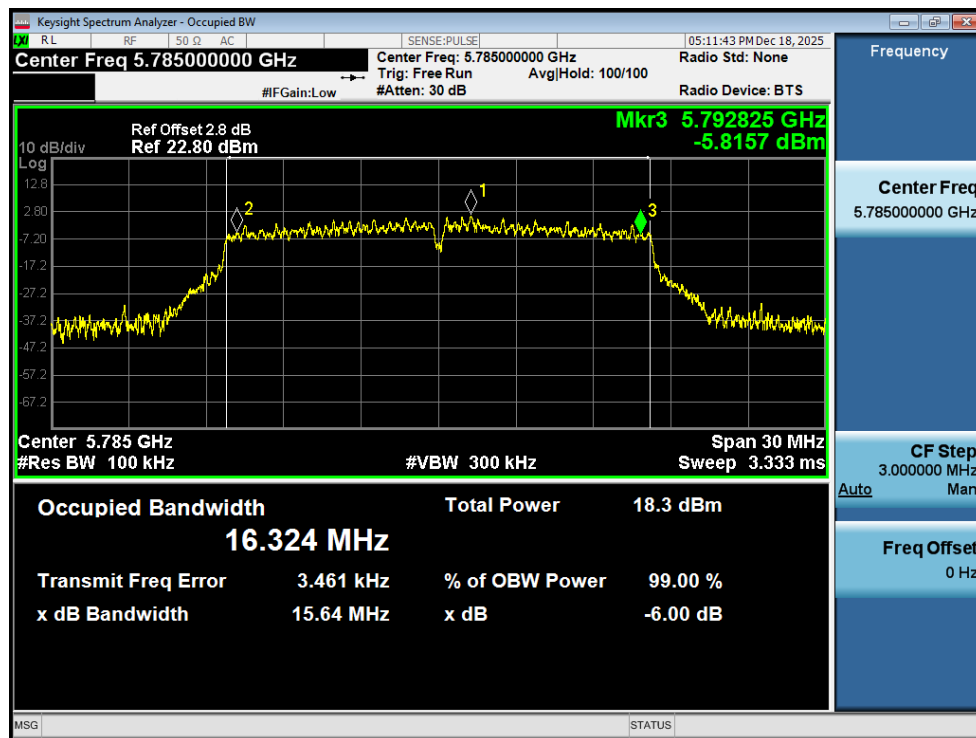
Power NVNT ac80 5775MHz Ant1

3. -6dB Bandwidth

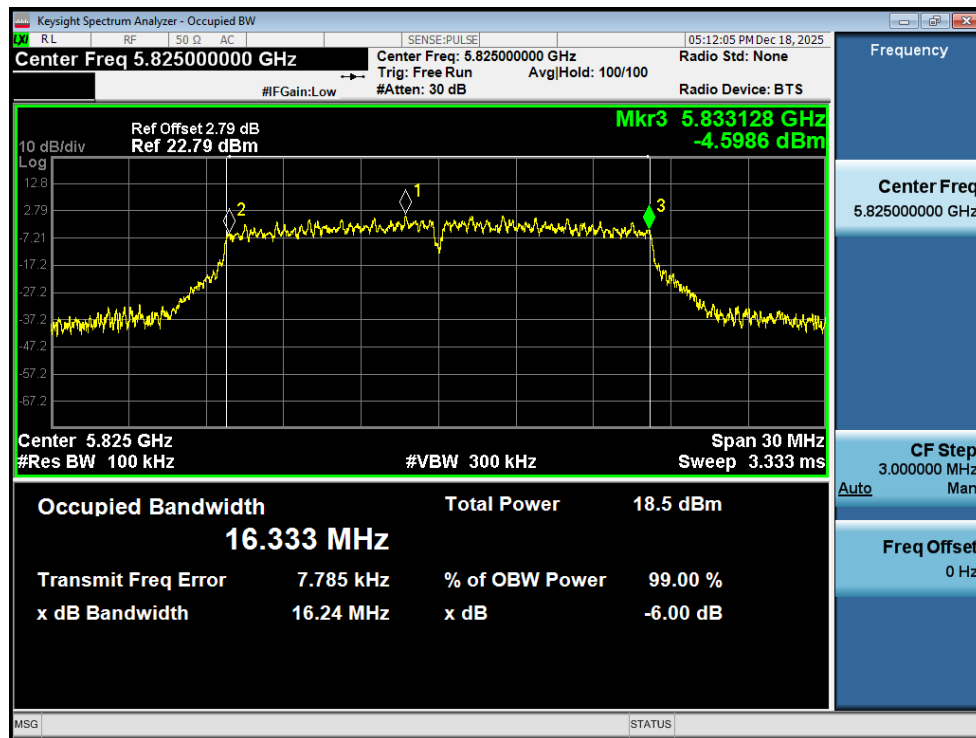
Condition	Mode	Frequency (MHz)	Antenna	-6 dB Bandwidth (MHz)	Limit -6 dB Bandwidth (MHz)	Verdict
NVNT	a	5745	Ant1	15.345	0.5	Pass
NVNT	a	5785	Ant1	15.642	0.5	Pass
NVNT	a	5825	Ant1	16.241	0.5	Pass
NVNT	n20	5745	Ant1	15.918	0.5	Pass
NVNT	n20	5785	Ant1	17.081	0.5	Pass
NVNT	n20	5825	Ant1	16.398	0.5	Pass
NVNT	n40	5755	Ant1	35.091	0.5	Pass
NVNT	n40	5795	Ant1	35.109	0.5	Pass
NVNT	ac20	5745	Ant1	16.622	0.5	Pass
NVNT	ac20	5785	Ant1	15.987	0.5	Pass
NVNT	ac20	5825	Ant1	16.219	0.5	Pass
NVNT	ac40	5755	Ant1	35.081	0.5	Pass
NVNT	ac40	5795	Ant1	35.099	0.5	Pass
NVNT	ac80	5775	Ant1	75.116	0.5	Pass



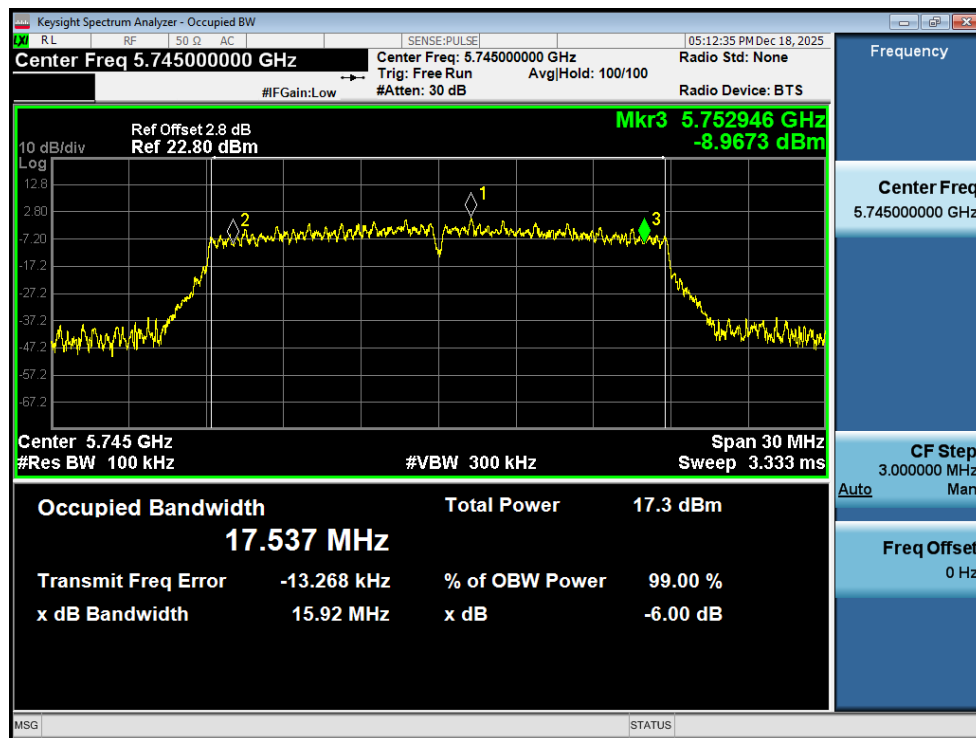
-6dB Bandwidth NVNT a 5745MHz Ant1



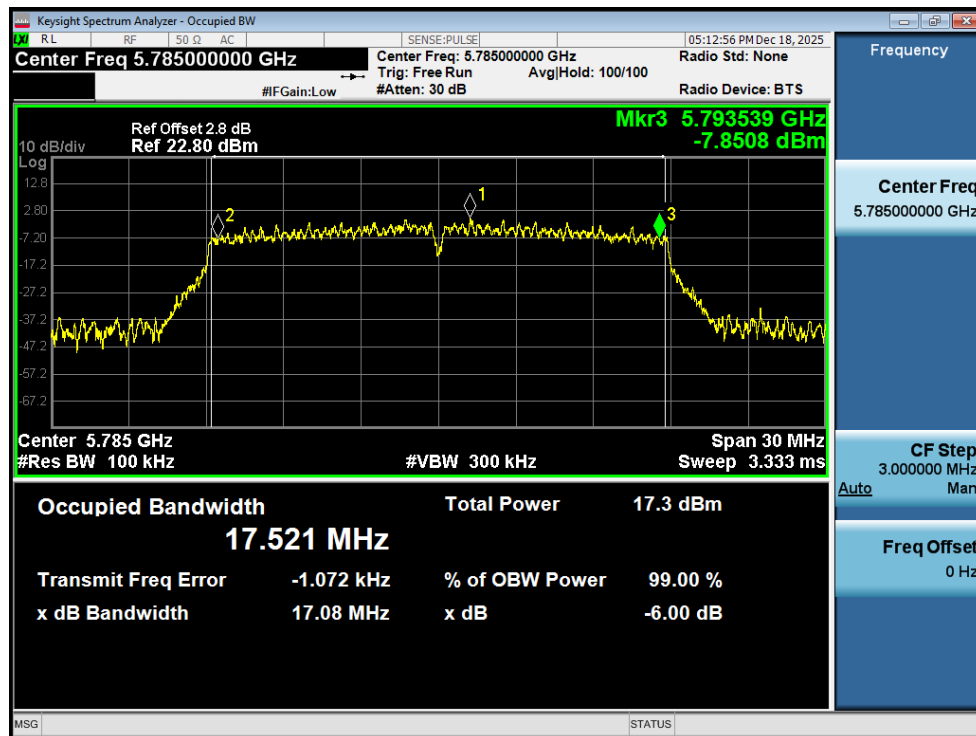
-6dB Bandwidth NVNT a 5785MHz Ant1



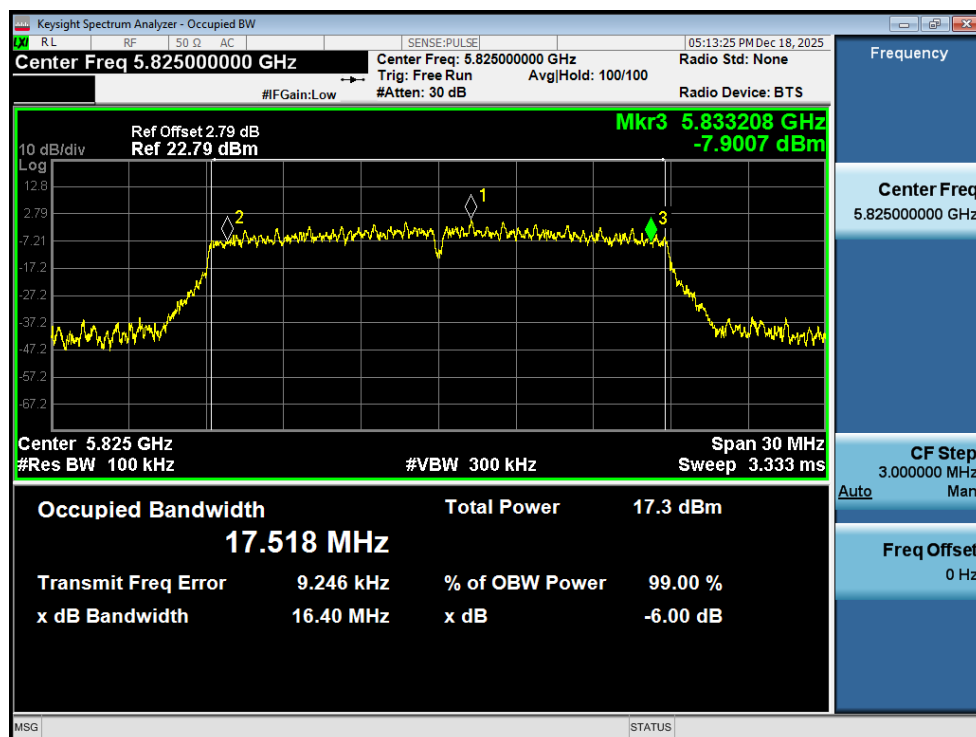
-6dB Bandwidth NVNT a 5825MHz Ant1



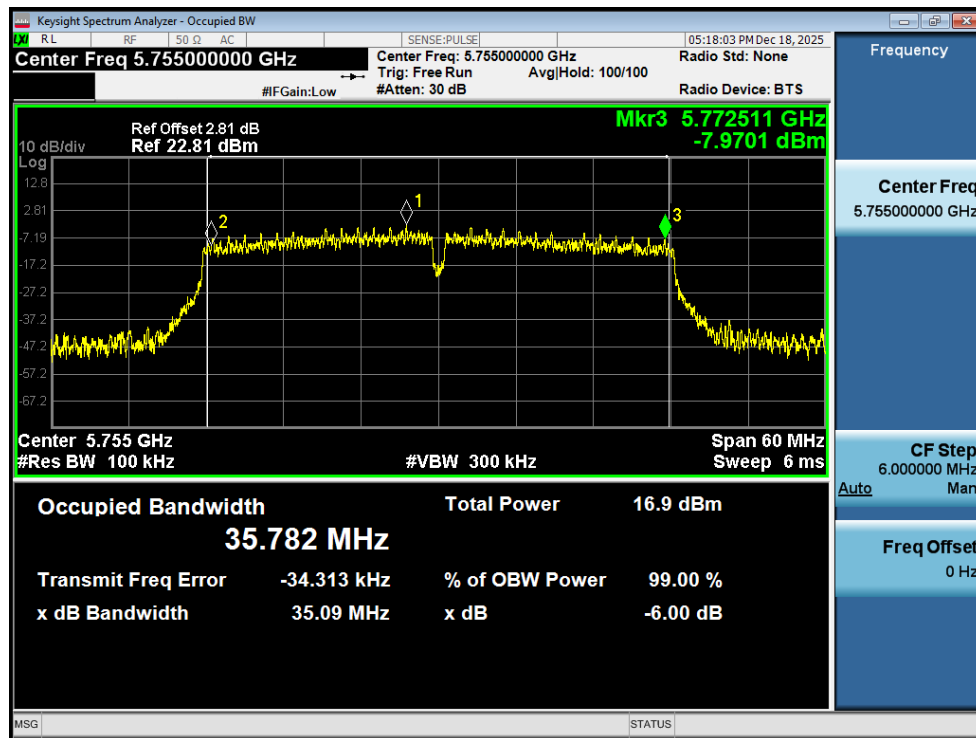
-6dB Bandwidth NVNT n20 5745MHz Ant1



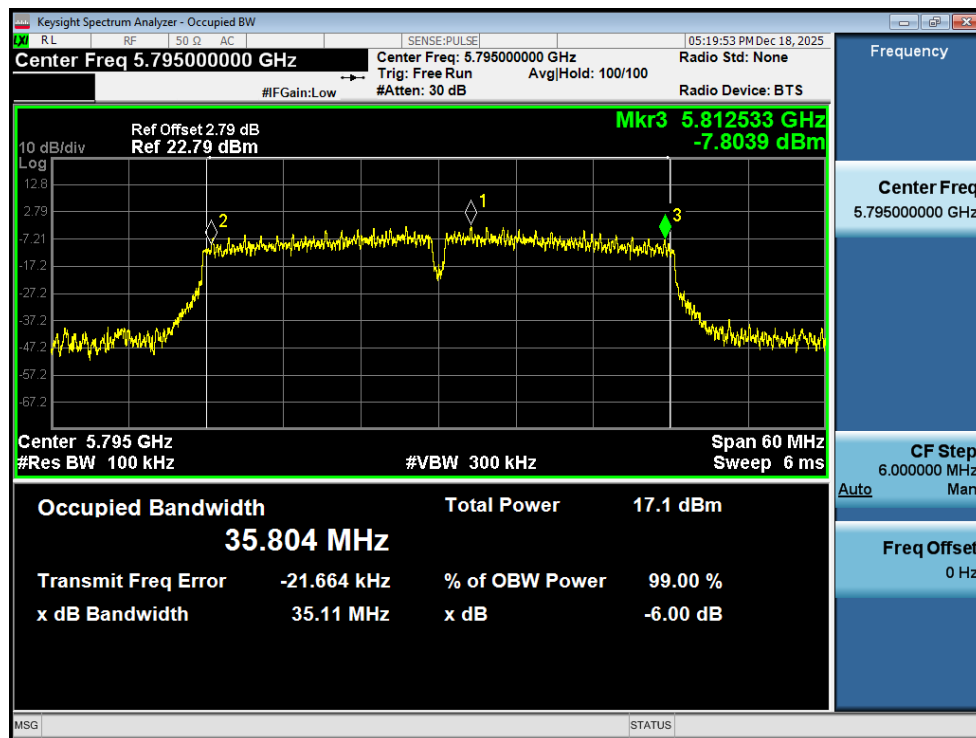
-6dB Bandwidth NVNT n20 5785MHz Ant1



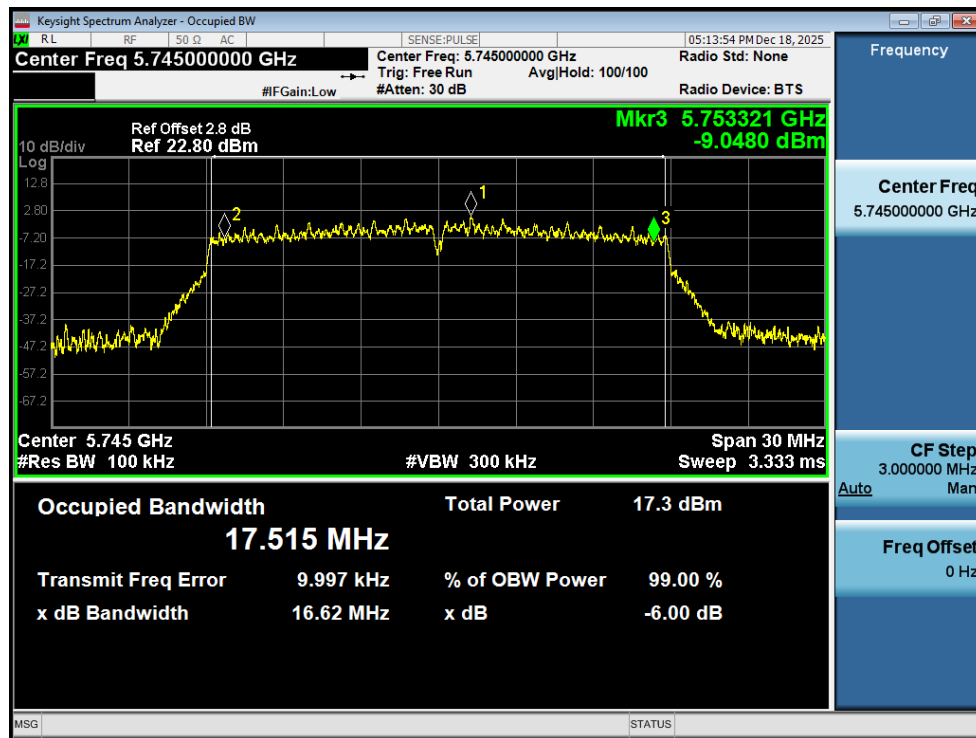
-6dB Bandwidth NVNT n20 5825MHz Ant1



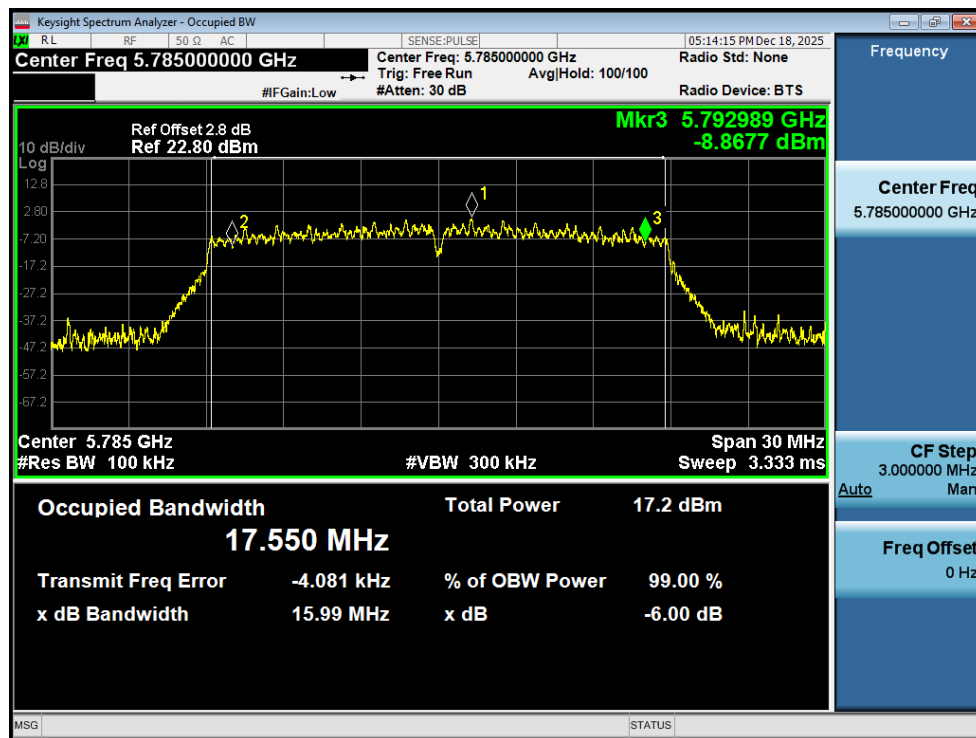
-6dB Bandwidth NVNT n40 5755MHz Ant1



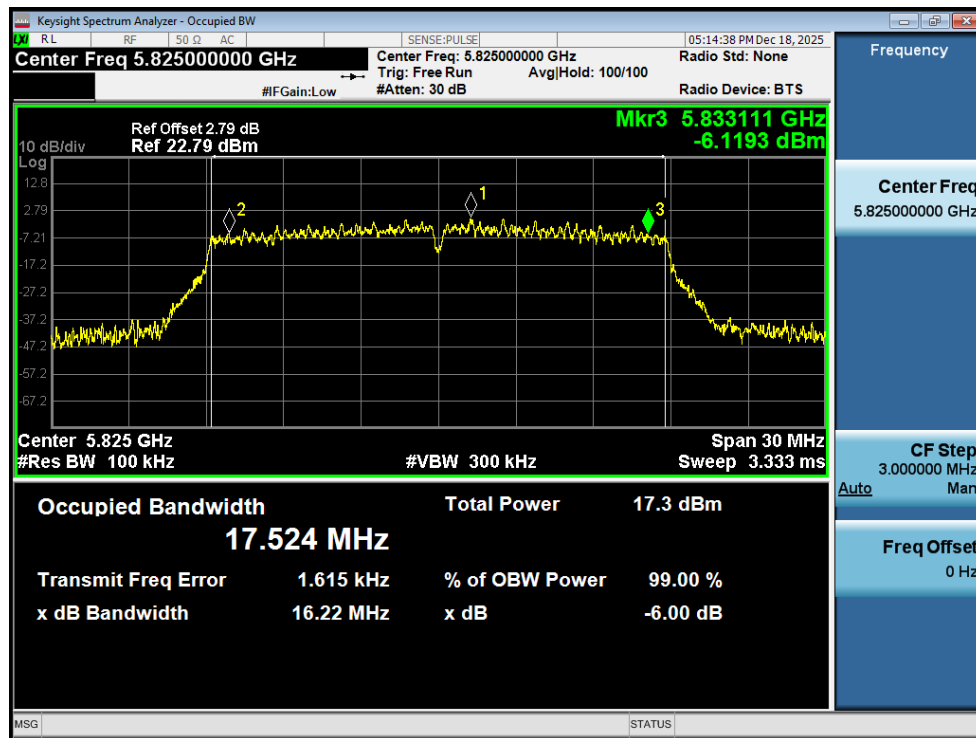
-6dB Bandwidth NVNT n40 5795MHz Ant1



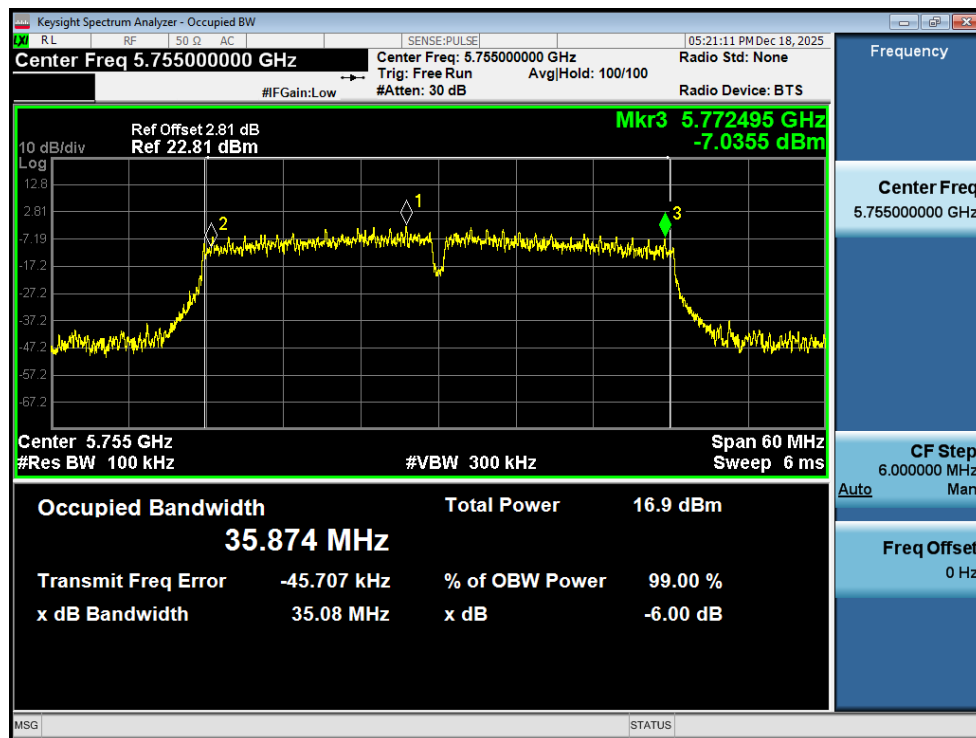
-6dB Bandwidth NVNT ac20 5745MHz Ant1



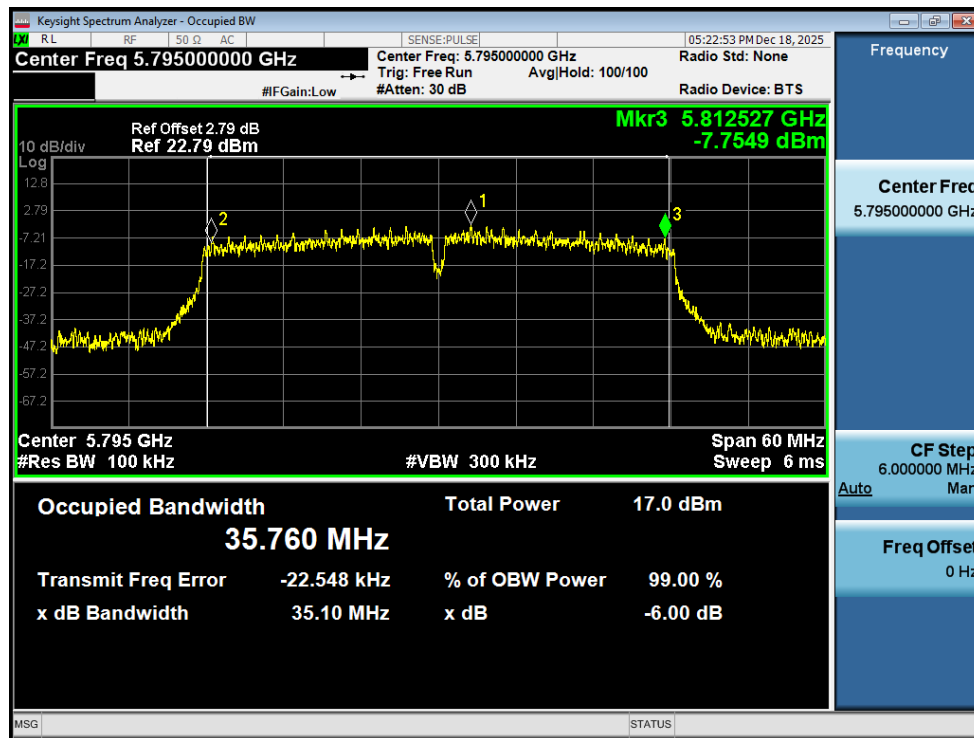
-6dB Bandwidth NVNT ac20 5785MHz Ant1



-6dB Bandwidth NVNT ac20 5825MHz Ant1



-6dB Bandwidth NVNT ac40 5755MHz Ant1



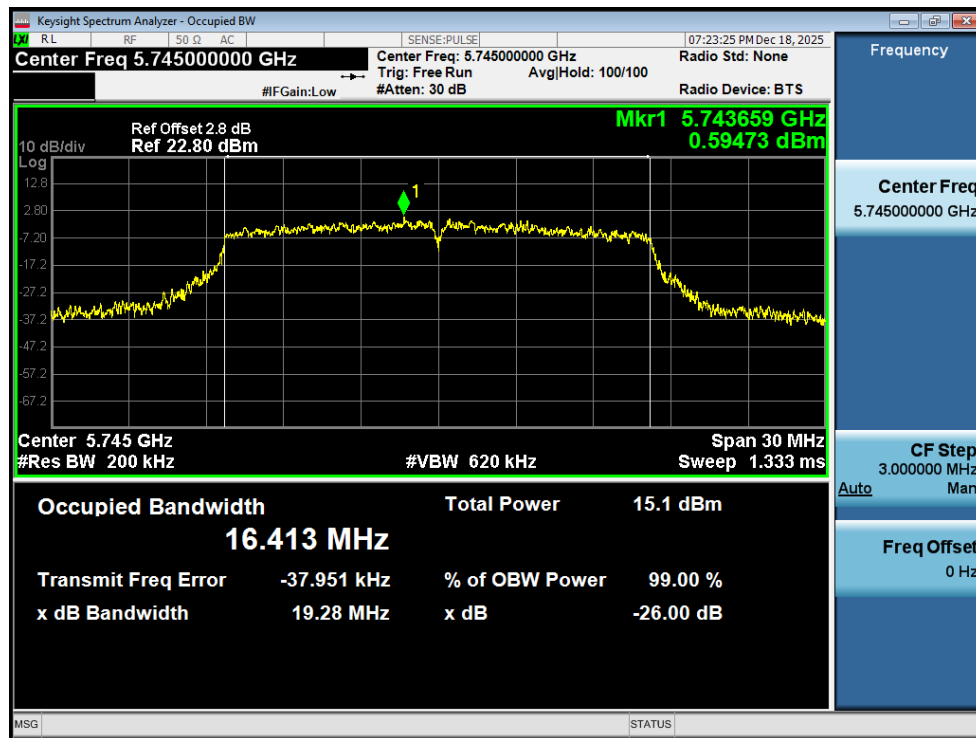
-6dB Bandwidth NVNT ac40 5795MHz Ant1



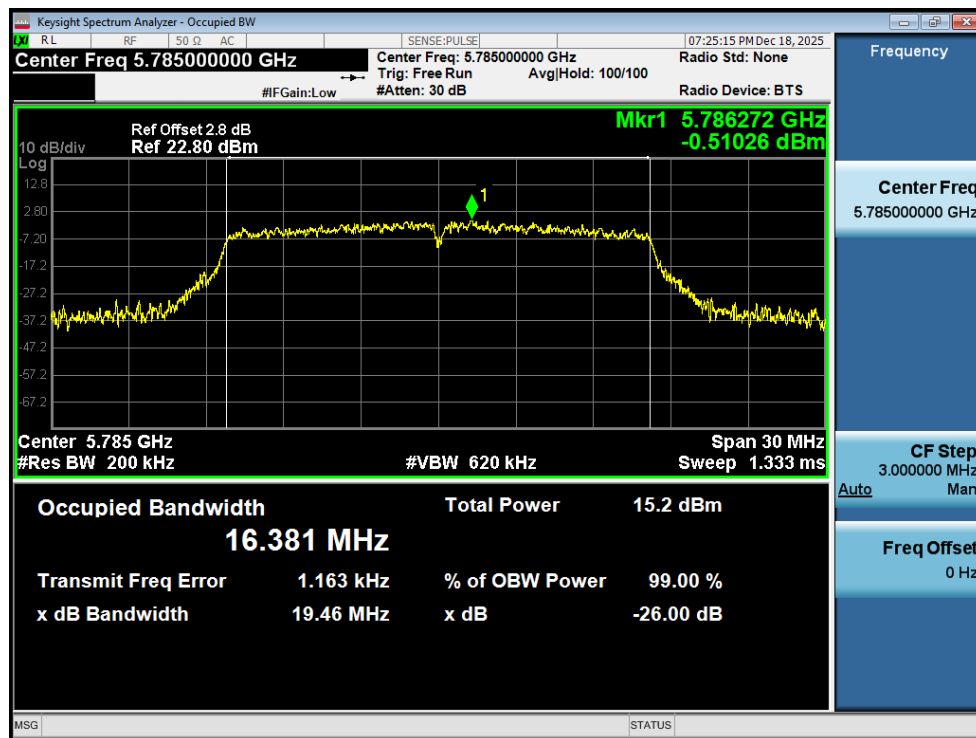
-6dB Bandwidth NVNT ac80 5775MHz Ant1

4. Occupied Channel Bandwidth

Condition	Mode	Frequency (MHz)	Antenna	99% OBW (MHz)
NVNT	a	5745	Ant1	16.413
NVNT	a	5785	Ant1	16.381
NVNT	a	5825	Ant1	16.369
NVNT	n20	5745	Ant1	17.532
NVNT	n20	5785	Ant1	17.594
NVNT	n20	5825	Ant1	17.517
NVNT	n40	5755	Ant1	36.072
NVNT	n40	5795	Ant1	35.916
NVNT	ac20	5745	Ant1	17.564
NVNT	ac20	5785	Ant1	17.539
NVNT	ac20	5825	Ant1	17.514
NVNT	ac40	5755	Ant1	36.093
NVNT	ac40	5795	Ant1	35.959
NVNT	ac80	5775	Ant1	75.519



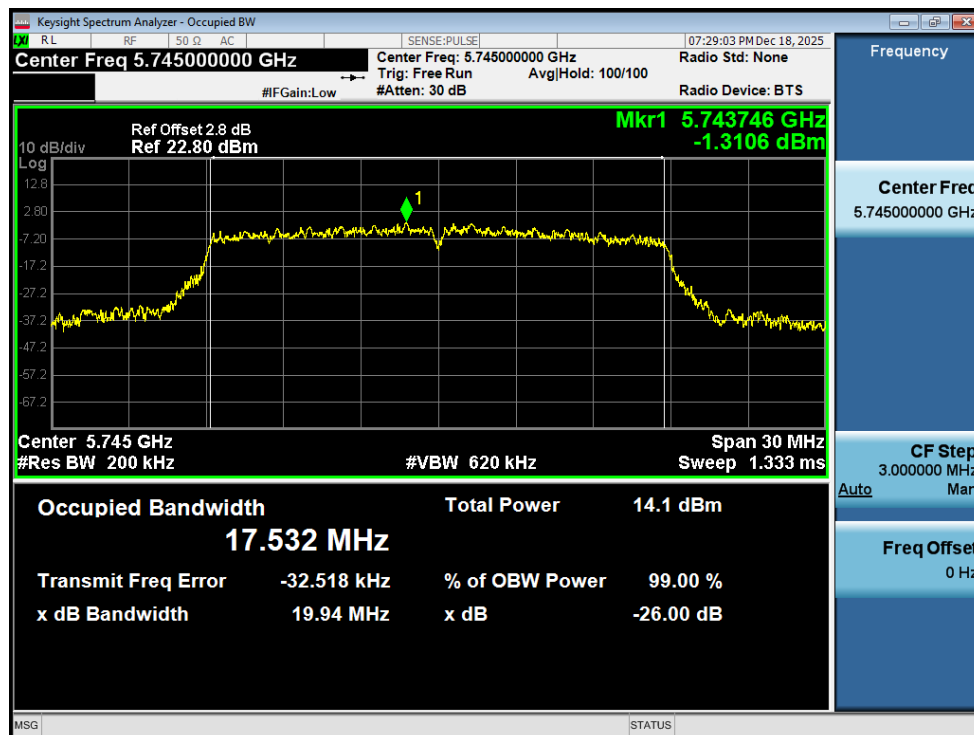
OBW NVNT a 5745MHz Ant1



OBW NVNT a 5785MHz Ant1



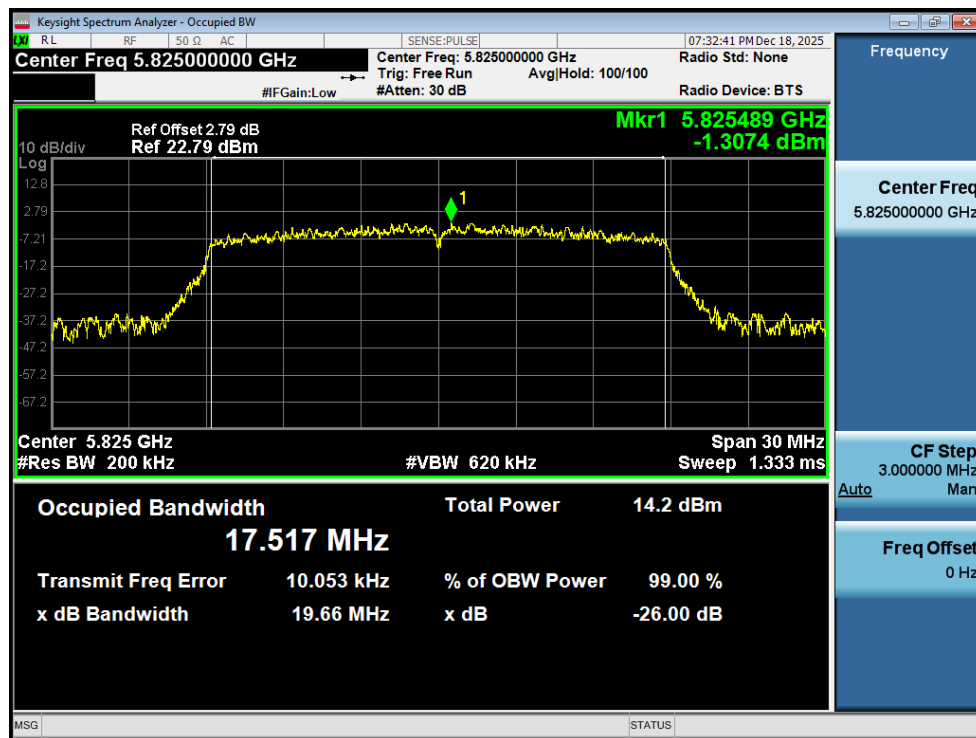
OBW NVNT a 5825MHz Ant1



OBW NVNT n20 5745MHz Ant1



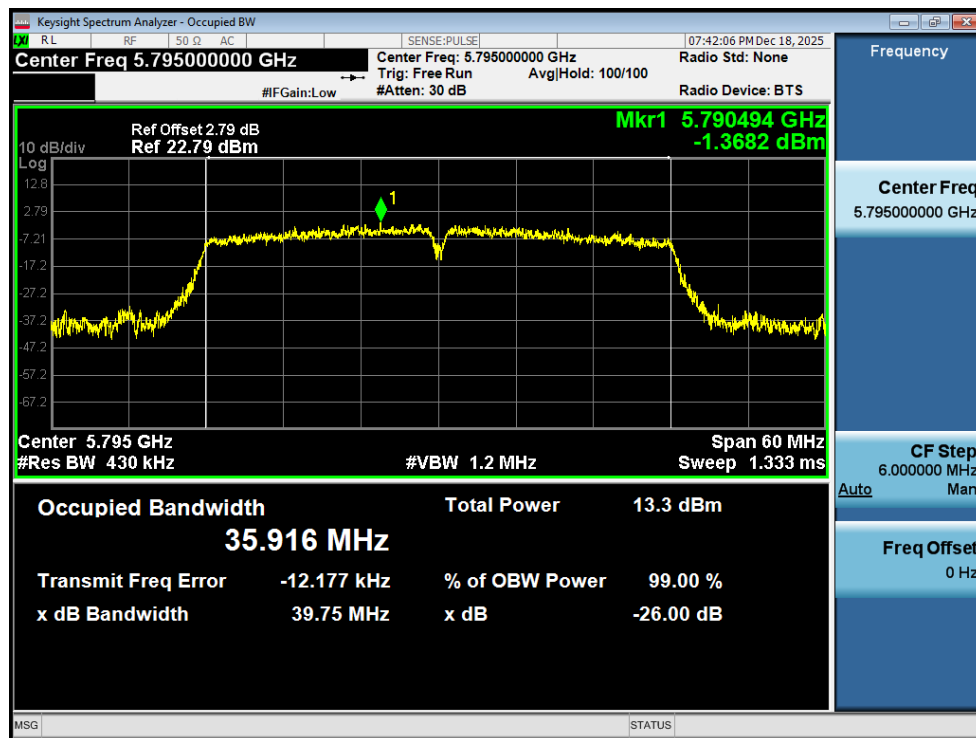
OBW NVNT n20 5785MHz Ant1



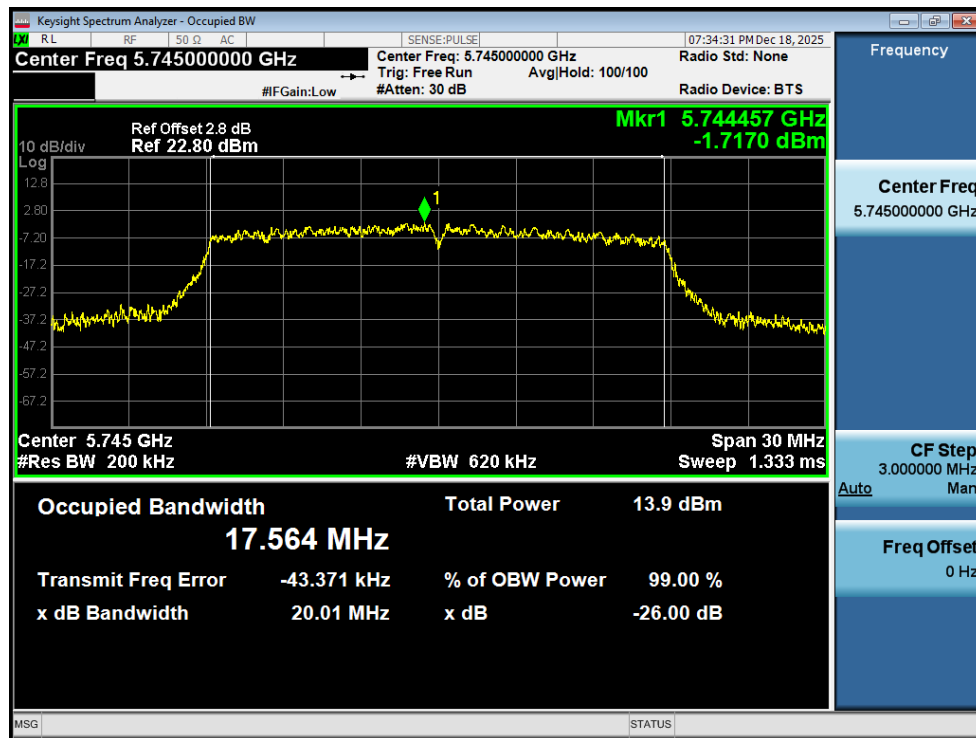
OBW NVNT n20 5825MHz Ant1



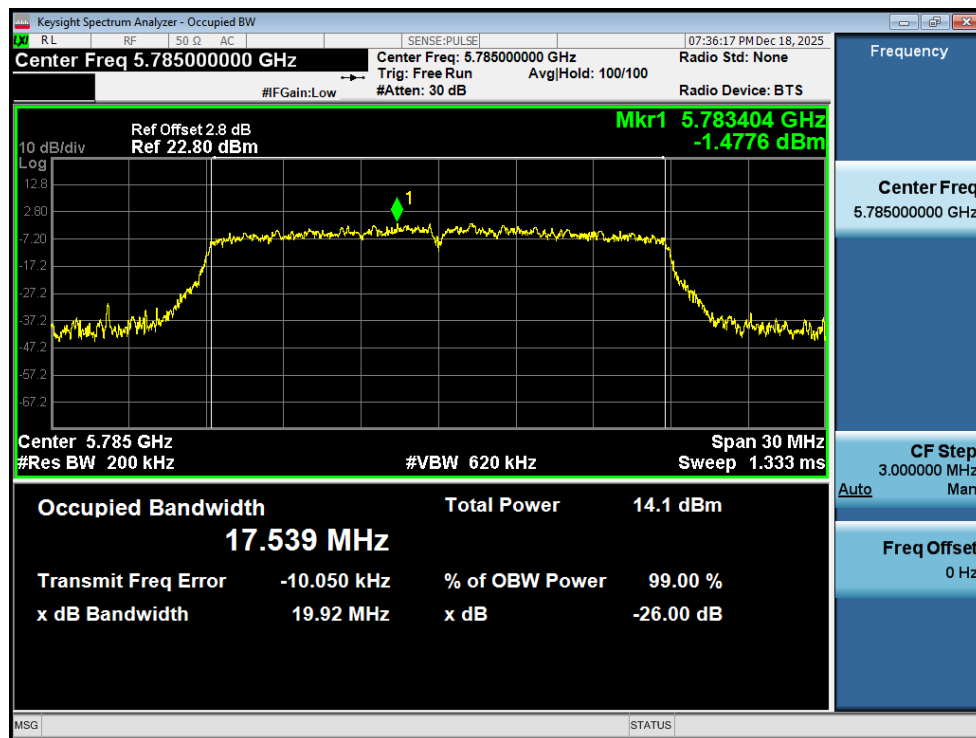
OBW NVNT n40 5755MHz Ant1



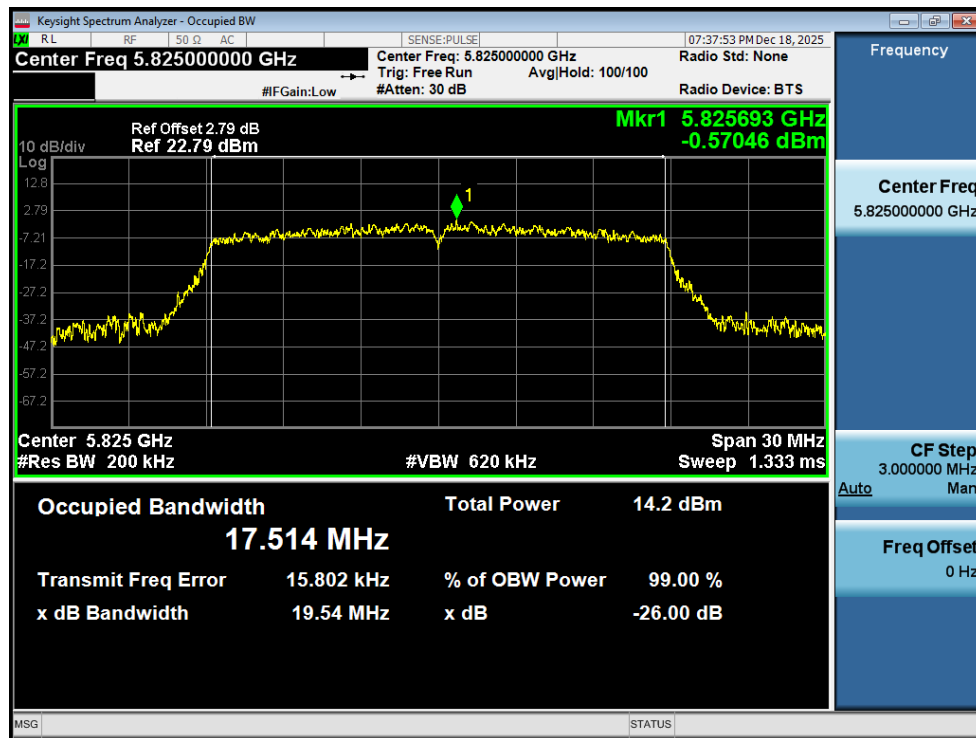
OBW NVNT n40 5795MHz Ant1



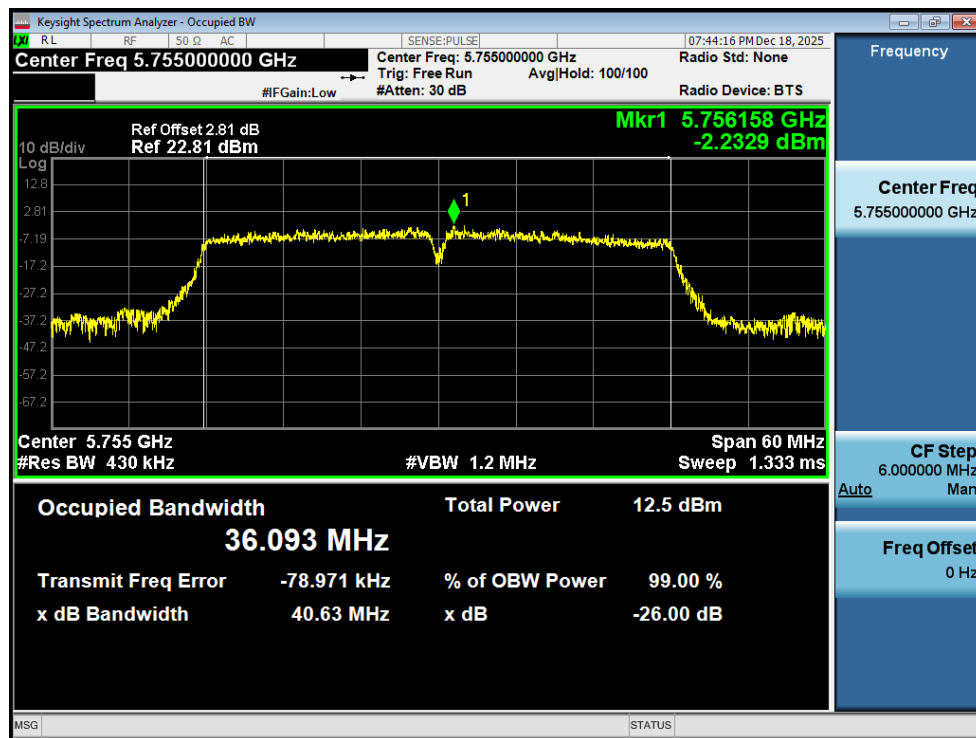
OBW NVNT ac20 5745MHz Ant1



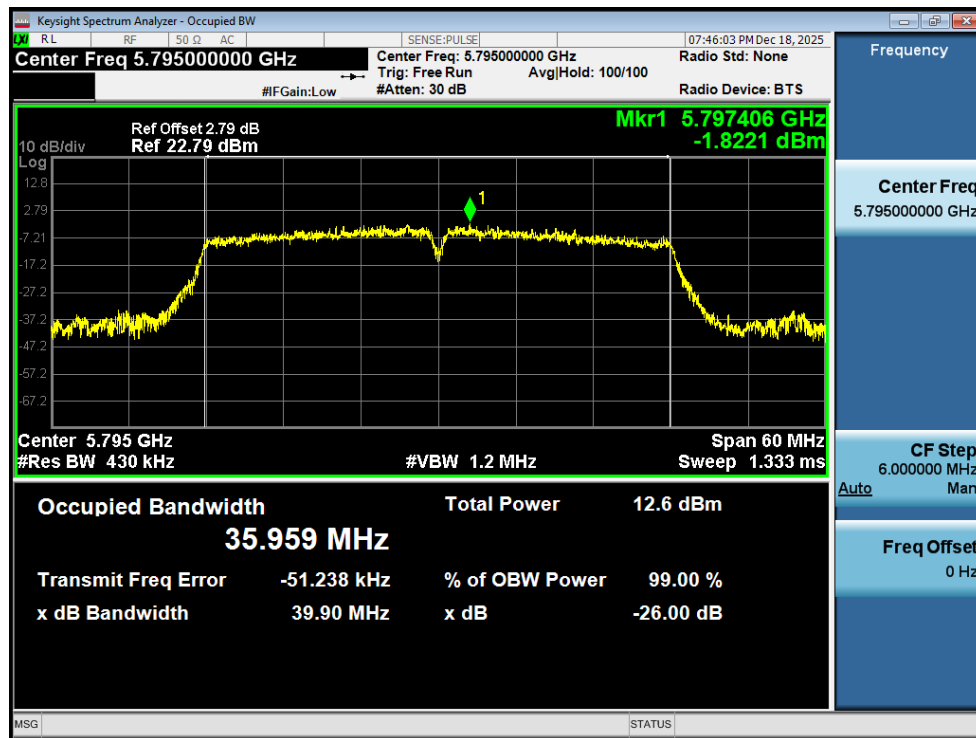
OBW NVNT ac20 5785MHz Ant1



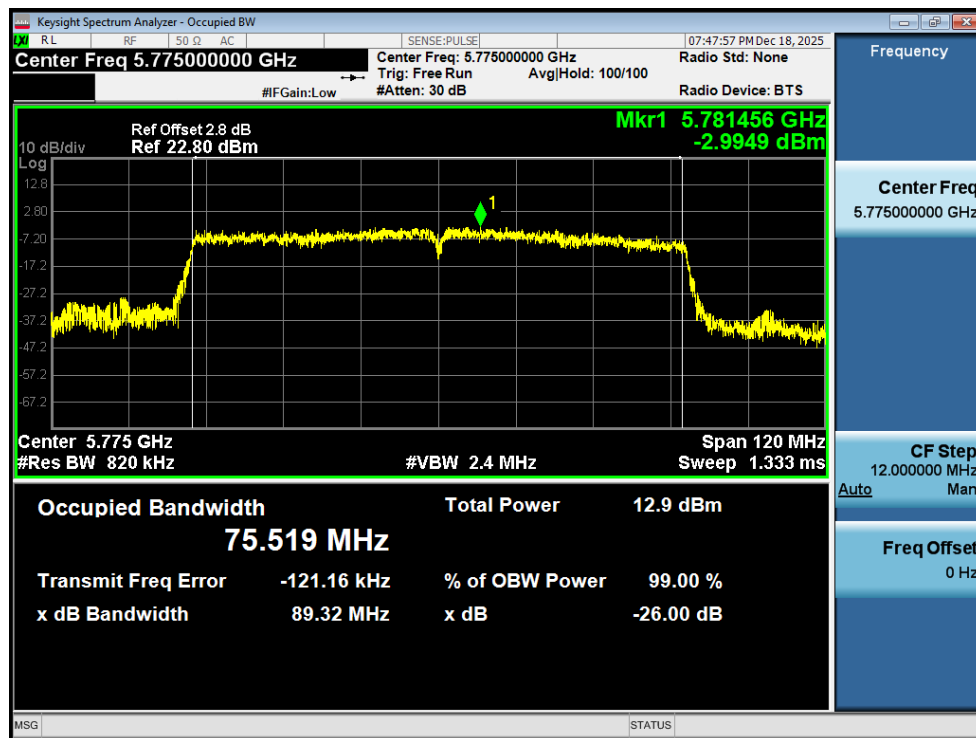
OBW NVNT ac20 5825MHz Ant1



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)	Total PSD (dBm)	Limit (dBm)	Verdict
NVNT	a	5745	Ant1	-4.3	0.96	-3.34	30	Pass
NVNT	a	5785	Ant1	-4.19	0.96	-3.23	30	Pass
NVNT	a	5825	Ant1	-3.77	0.99	-2.78	30	Pass
NVNT	n20	5745	Ant1	-5.06	1.03	-4.03	30	Pass
NVNT	n20	5785	Ant1	-4.74	1.03	-3.71	30	Pass
NVNT	n20	5825	Ant1	-5.01	1.05	-3.96	30	Pass
NVNT	n40	5755	Ant1	-6.63	1.84	-4.79	30	Pass
NVNT	n40	5795	Ant1	-6.92	1.52	-5.4	30	Pass
NVNT	ac20	5745	Ant1	-5.54	1.12	-4.42	30	Pass
NVNT	ac20	5785	Ant1	-5.5	1.13	-4.37	30	Pass
NVNT	ac20	5825	Ant1	-5.26	1.13	-4.13	30	Pass
NVNT	ac40	5755	Ant1	-6.49	2.23	-4.26	30	Pass
NVNT	ac40	5795	Ant1	-6.77	1.9	-4.87	30	Pass
NVNT	ac80	5775	Ant1	-11.12	3.77	-7.35	30	Pass

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



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



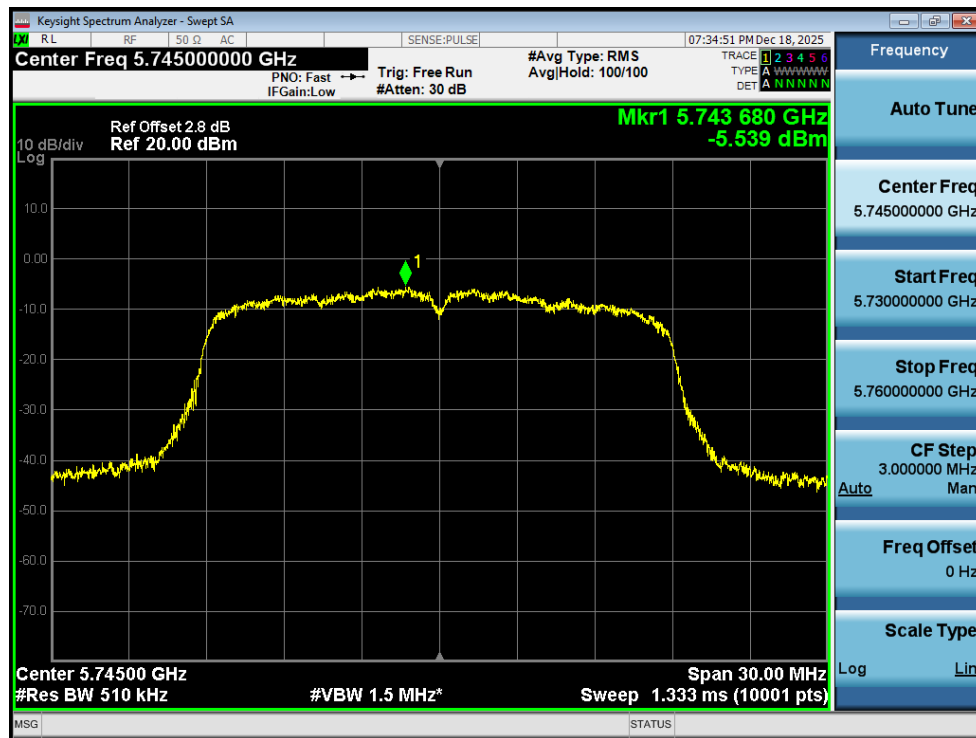
PSD NVNT n20 5825MHz Ant1



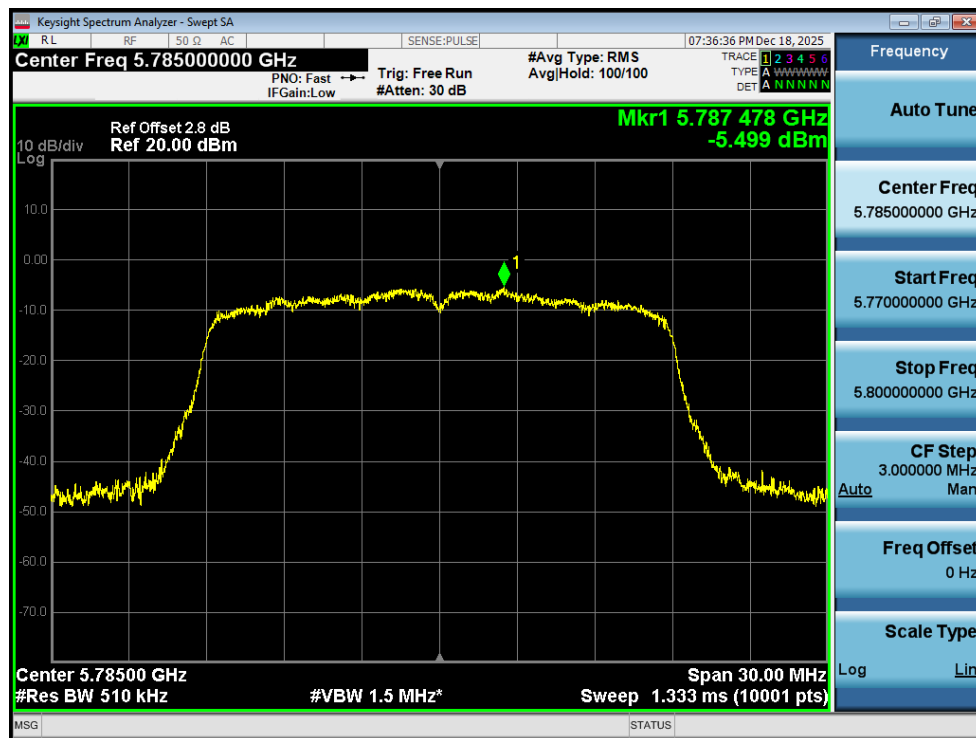
PSD NVNT n40 5755MHz Ant1



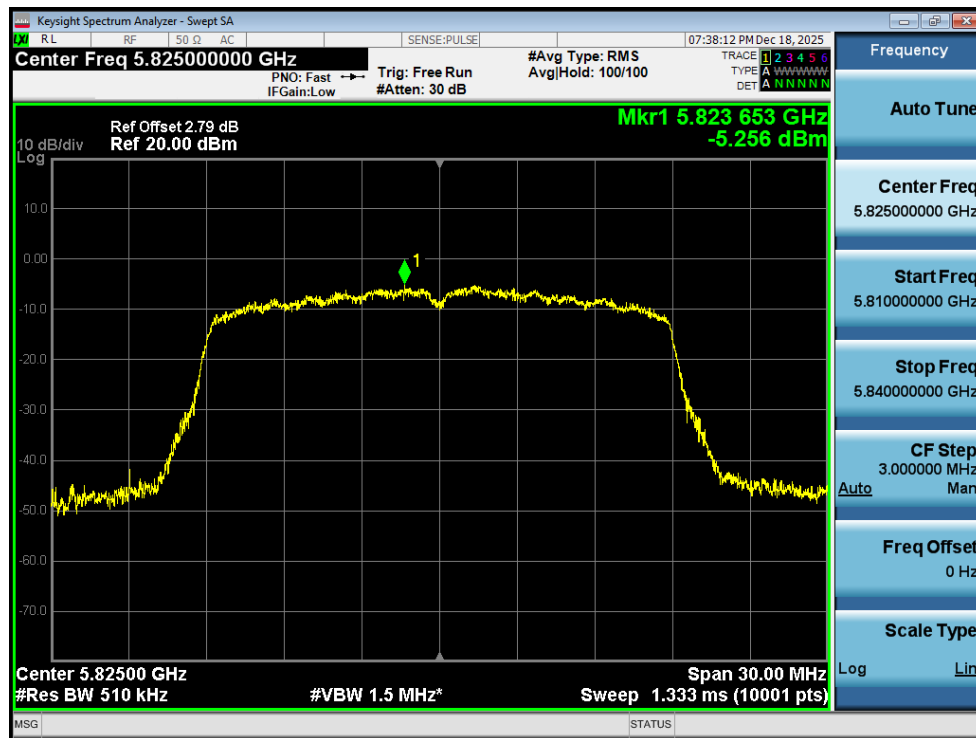
PSD NVNT n40 5795MHz Ant1



PSD NVNT ac20 5745MHz Ant1



PSD NVNT ac20 5785MHz Ant1



PSD NVNT ac20 5825MHz Ant1



PSD NVNT ac40 5755MHz Ant1



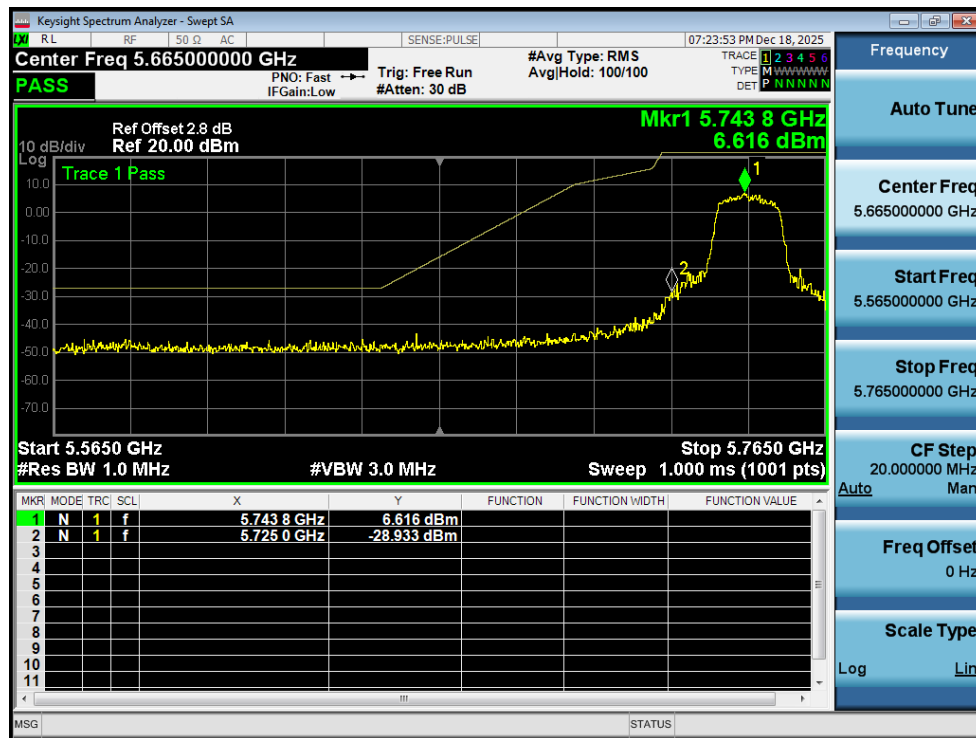
PSD NVNT ac40 5795MHz Ant1



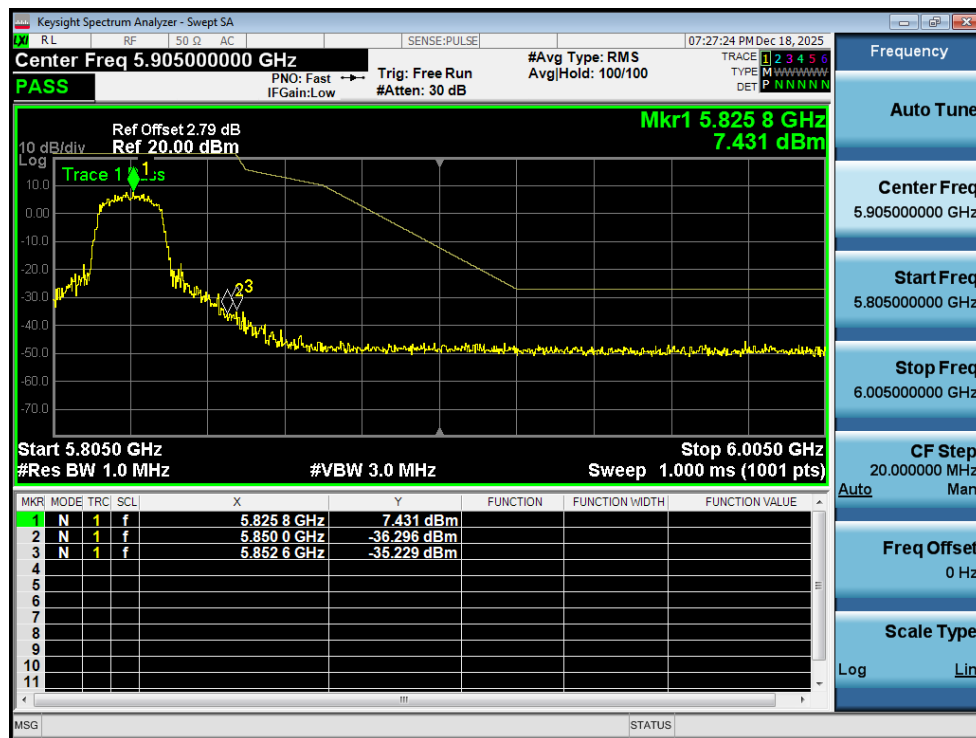
PSD NVNT ac80 5775MHz Ant1

6. Band Edge

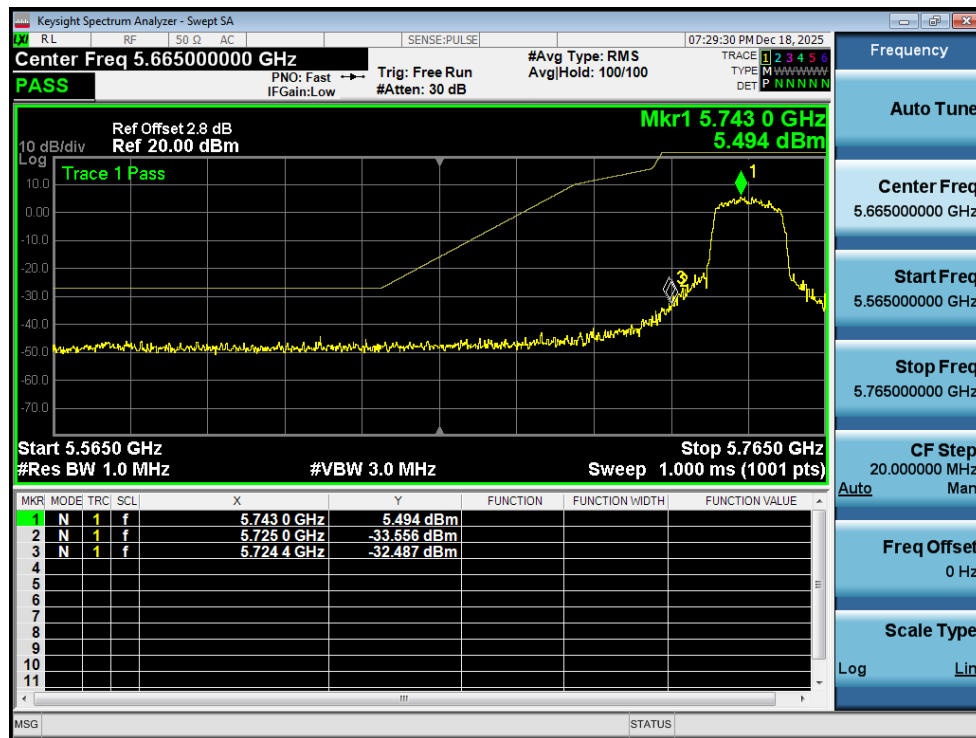
Condition	Mode	Frequency (MHz)	Antenna	Max Value (dBm)	Verdict
NVNT	a	5745	Ant1	-28.93	Pass
NVNT	a	5825	Ant1	-35.22	Pass
NVNT	n20	5745	Ant1	-32.48	Pass
NVNT	n20	5825	Ant1	-38.01	Pass
NVNT	n40	5755	Ant1	-25.35	Pass
NVNT	n40	5795	Ant1	-38.83	Pass
NVNT	ac20	5745	Ant1	-33.96	Pass
NVNT	ac20	5825	Ant1	-34.26	Pass
NVNT	ac40	5755	Ant1	-27.6	Pass
NVNT	ac40	5795	Ant1	-43.7	Pass
NVNT	ac80	5775	Ant1	-28.4	Pass
NVNT	ac80	5775	Ant1	-36.46	Pass
NVNT	ac80	5775	Ant1	-27.99	Pass



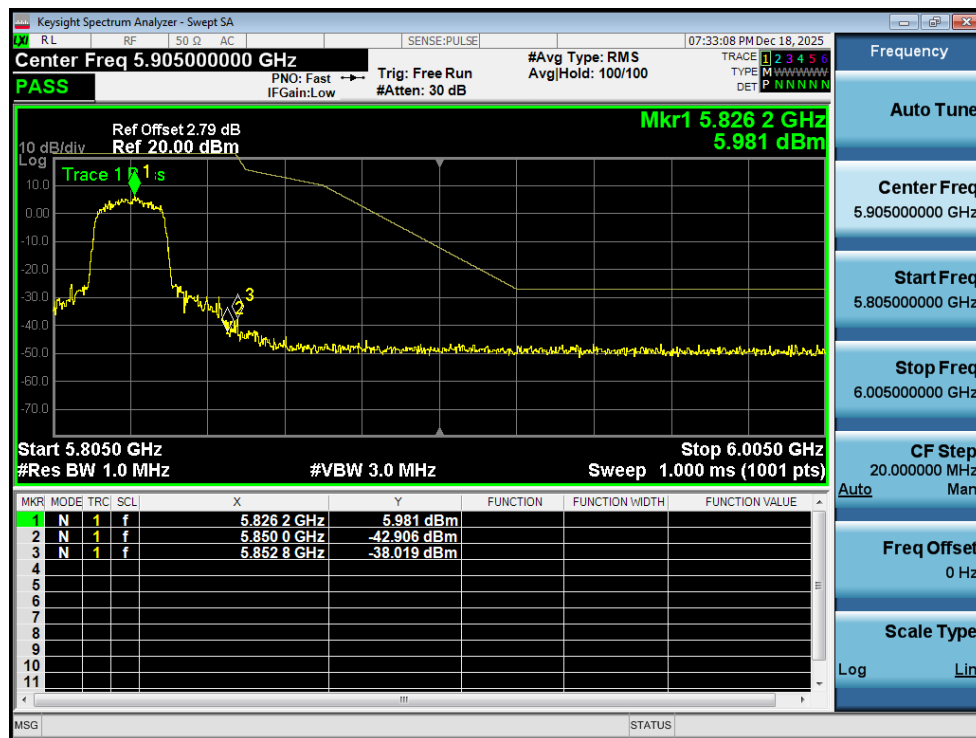
Band Edge NVNT a 5745MHz Low Ant1



Band Edge NVNT a 5825MHz High Ant1



Band Edge NVNT n20 5745MHz Low Ant1



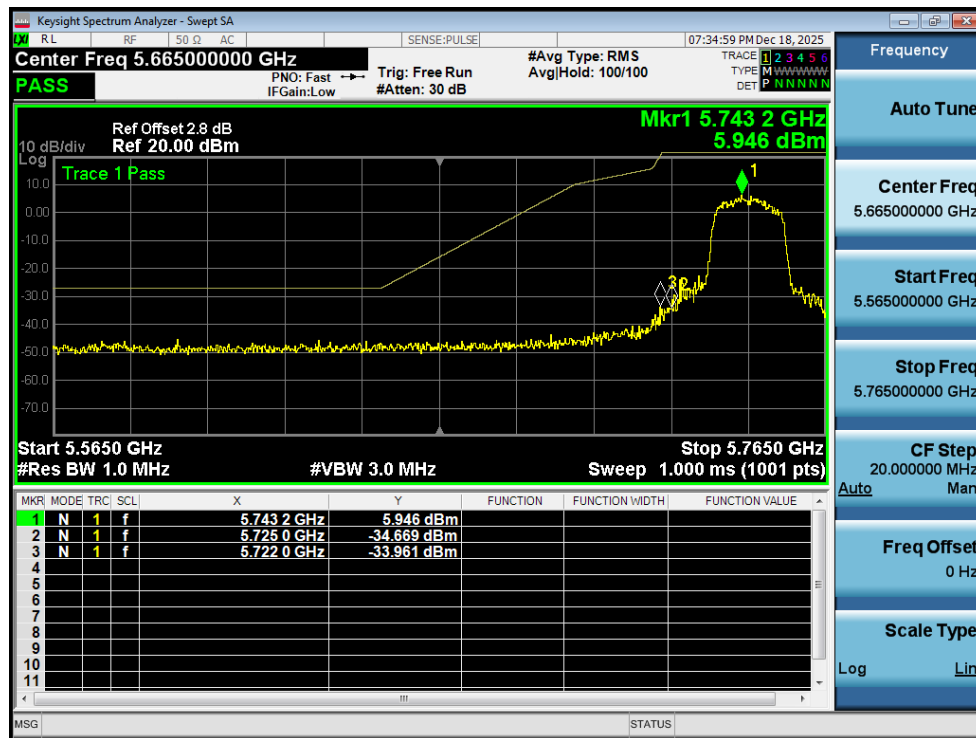
Band Edge NVNT n20 5825MHz High Ant1



Band Edge NVNT n40 5755MHz Low Ant1



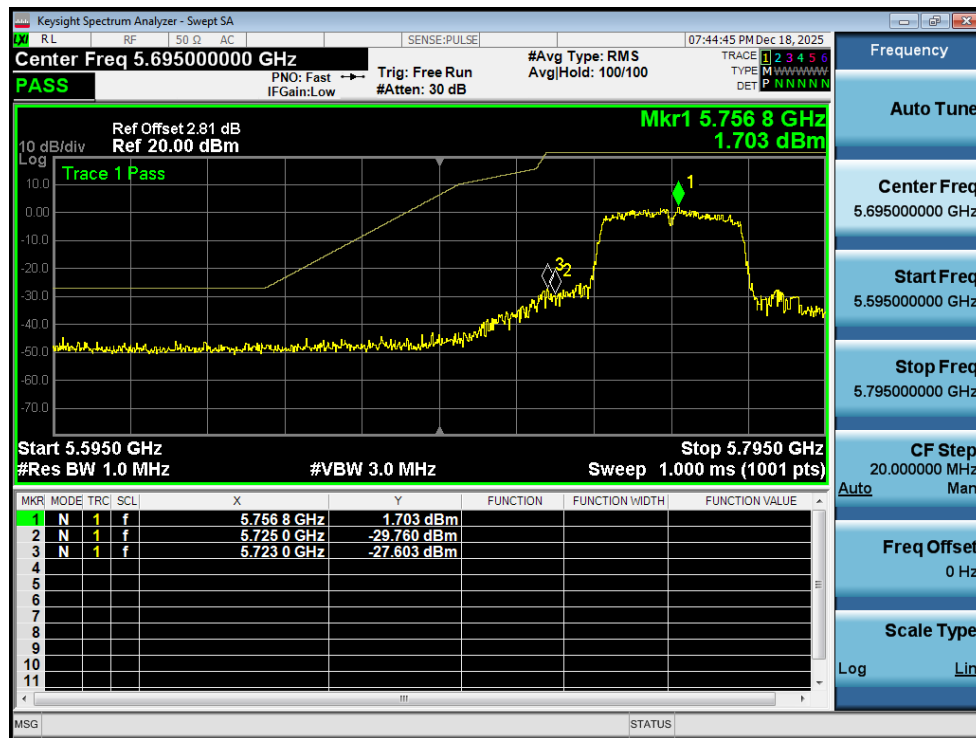
Band Edge NVNT n40 5795MHz High Ant1



Band Edge NVNT ac20 5745MHz Low Ant1



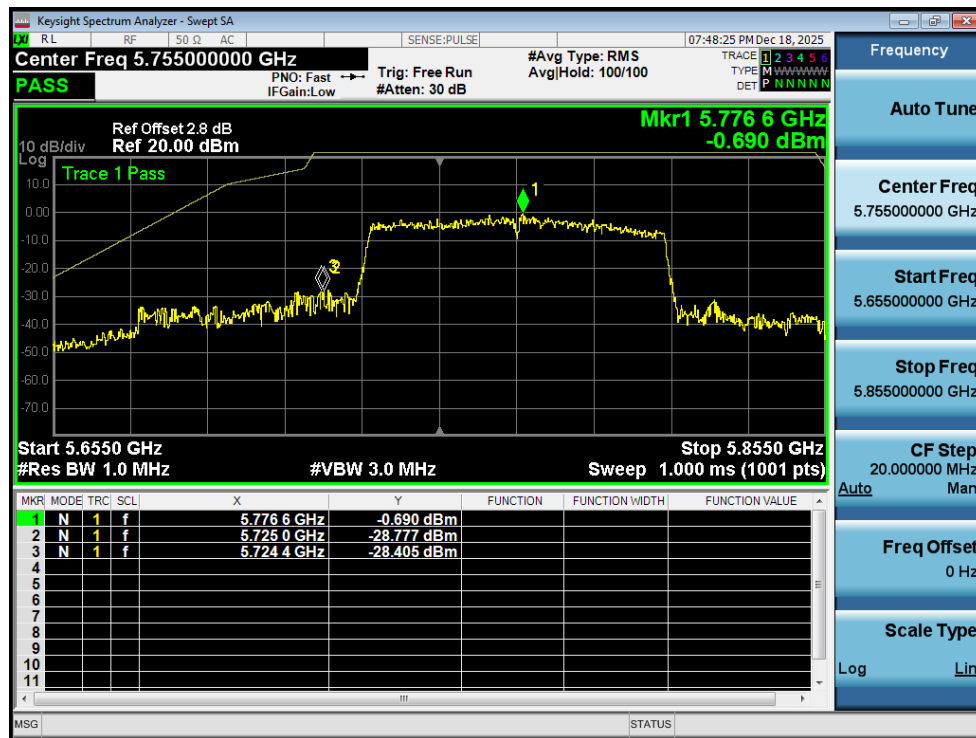
Band Edge NVNT ac20 5825MHz High Ant1



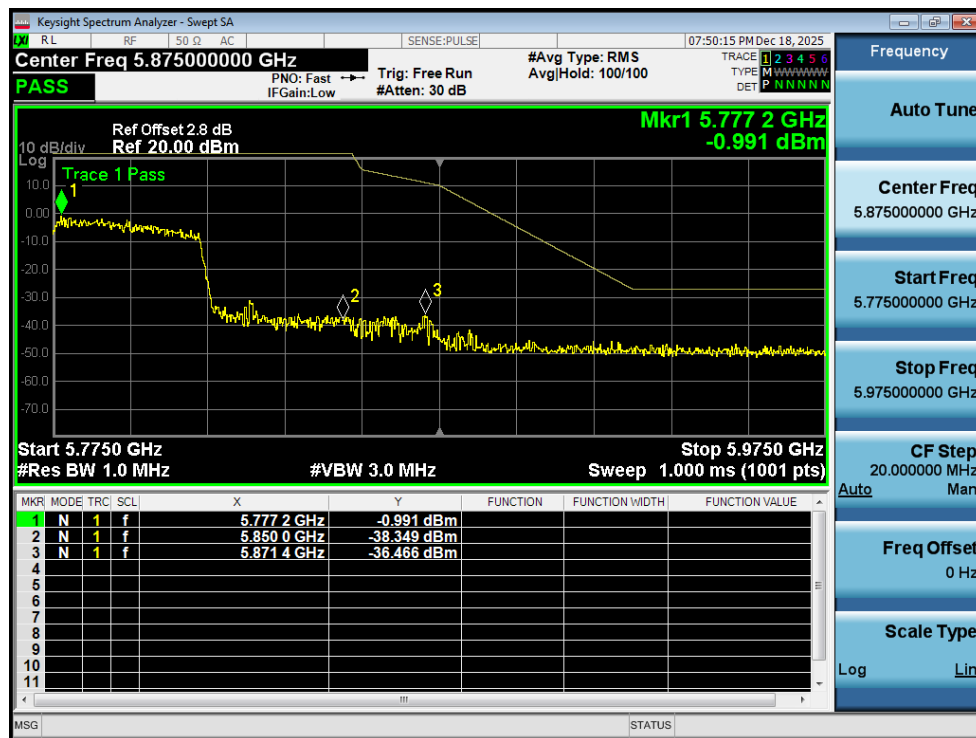
Band Edge NVNT ac40 5755MHz Low Ant1



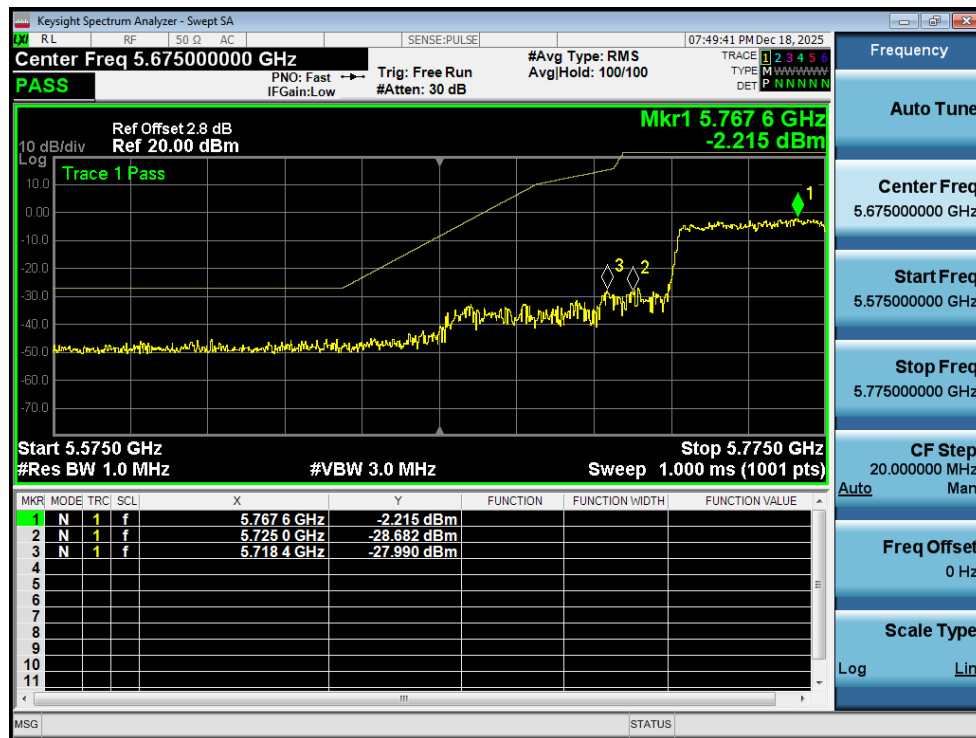
Band Edge NVNT ac40 5795MHz High Ant1



Band Edge NVNT ac80 5775MHz Low Ant1



Band Edge NVNT ac80 5775MHz High Ant1

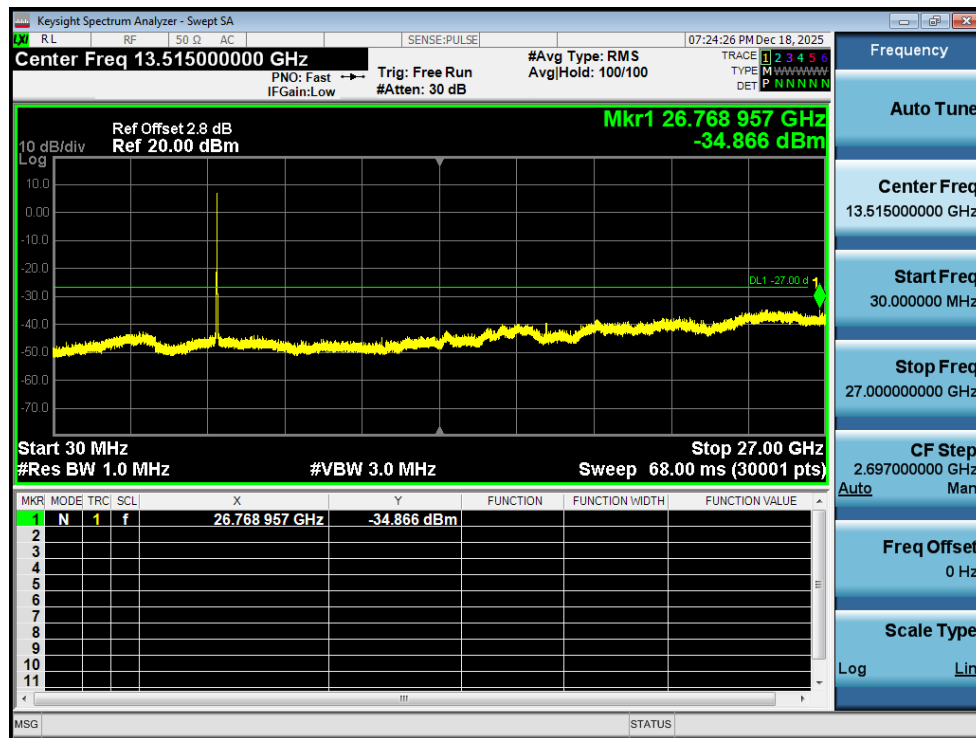


Band Edge NVNT ac80 5775MHz Low Ant1

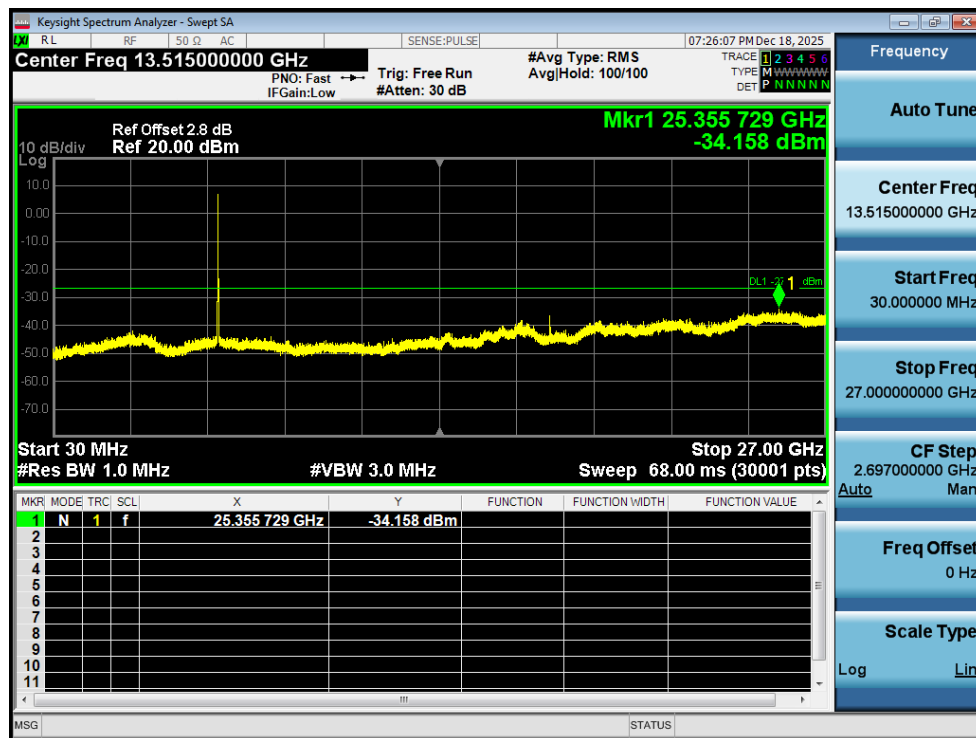
7. Conducted RF Spurious Emission

Condition	Mode	Frequency (MHz)	Antenna	Max Value (dBc)	Limit (dBc)	Verdict
NVNT	a	5745	Ant1	-34.86	-27	Pass
NVNT	a	5785	Ant1	-34.15	-27	Pass
NVNT	a	5825	Ant1	-34.64	-27	Pass
NVNT	n20	5745	Ant1	-34.72	-27	Pass
NVNT	n20	5785	Ant1	-33.65	-27	Pass
NVNT	n20	5825	Ant1	-33.91	-27	Pass
NVNT	n40	5755	Ant1	-33.73	-27	Pass
NVNT	n40	5795	Ant1	-33.83	-27	Pass
NVNT	ac20	5745	Ant1	-33.8	-27	Pass
NVNT	ac20	5785	Ant1	-34.72	-27	Pass
NVNT	ac20	5825	Ant1	-34.38	-27	Pass
NVNT	ac40	5755	Ant1	-34.54	-27	Pass
NVNT	ac40	5795	Ant1	-34.52	-27	Pass
NVNT	ac80	5775	Ant1	-34.7	-27	Pass

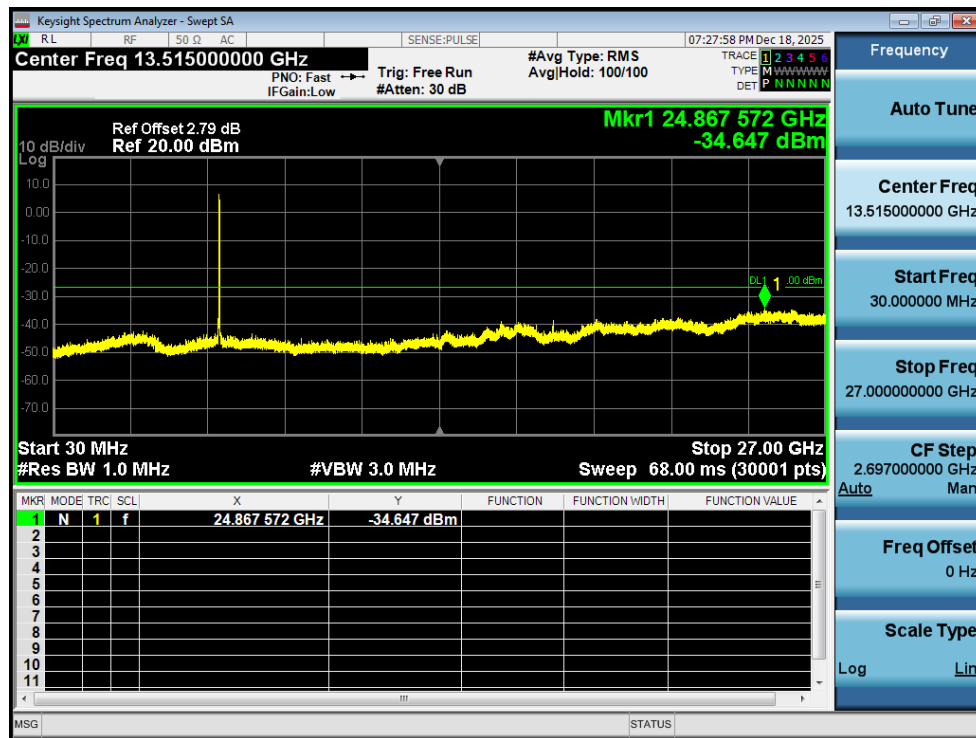
Note: Testing is carried out with frequency rang 30MHz to the 40GHz, above 27GHz not recorded for no spurious point have a margin of less than 20dB with respect to the limits.



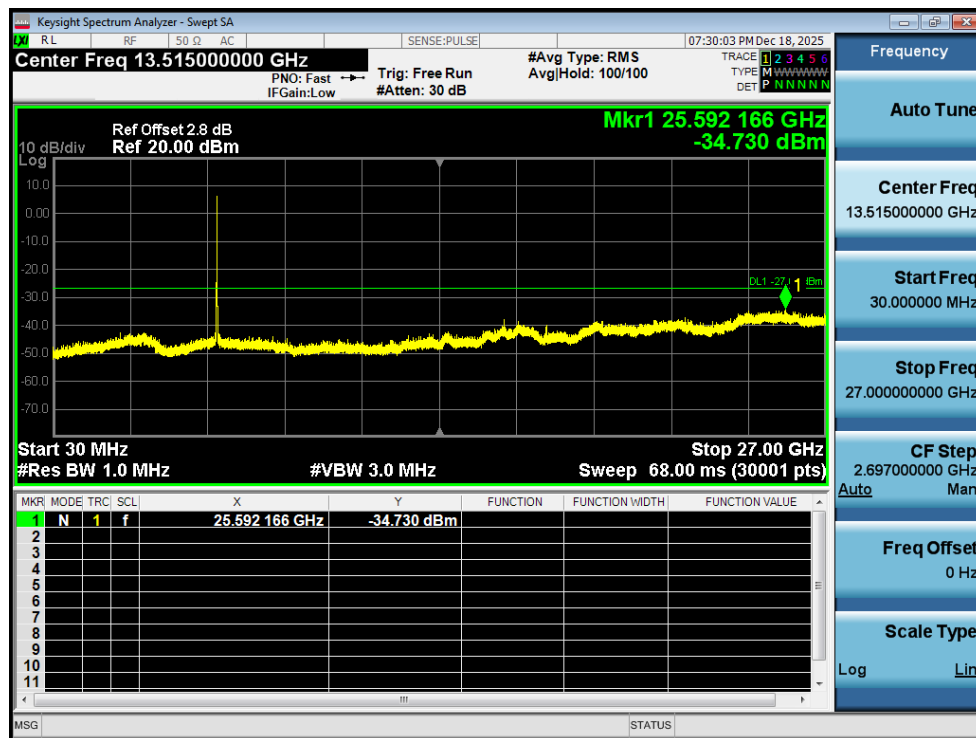
Tx. Spurious NVNT a 5745MHz Ant1 Emission



Tx. Spurious NVNT a 5785MHz Ant1 Emission



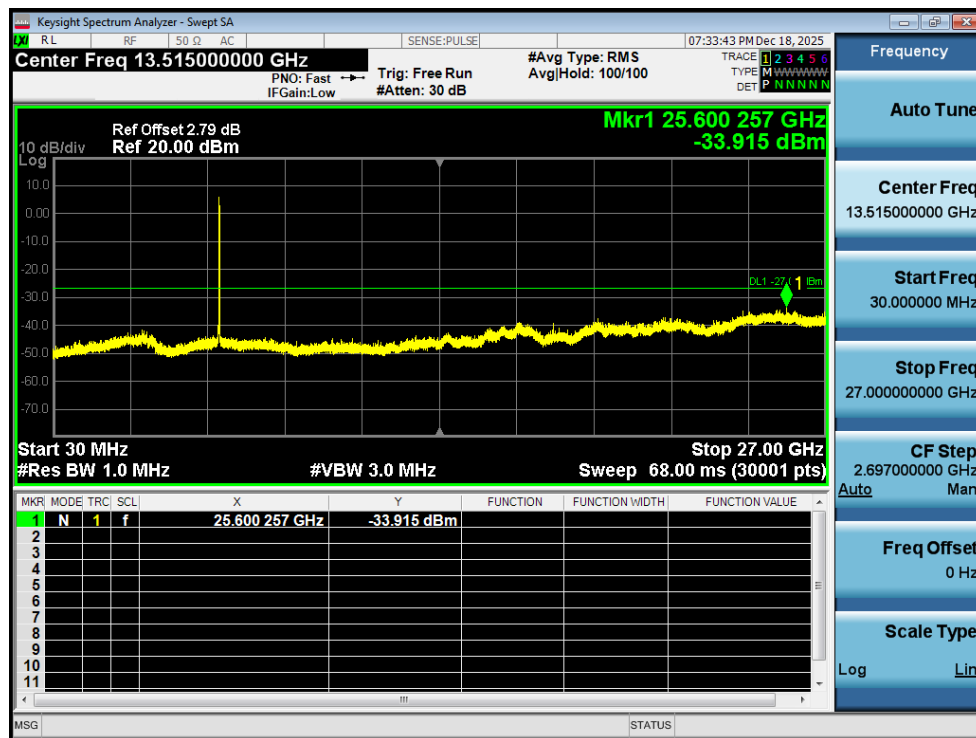
Tx. Spurious NVNT a 5825MHz Ant1 Emission



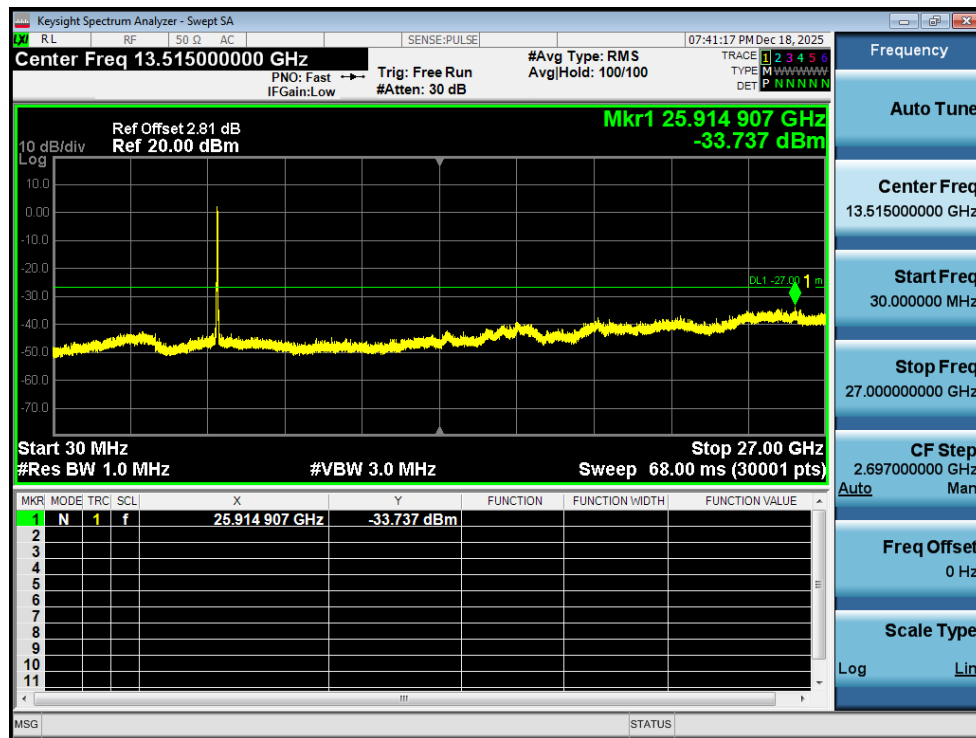
Tx. Spurious NVNT n20 5745MHz Ant1 Emission



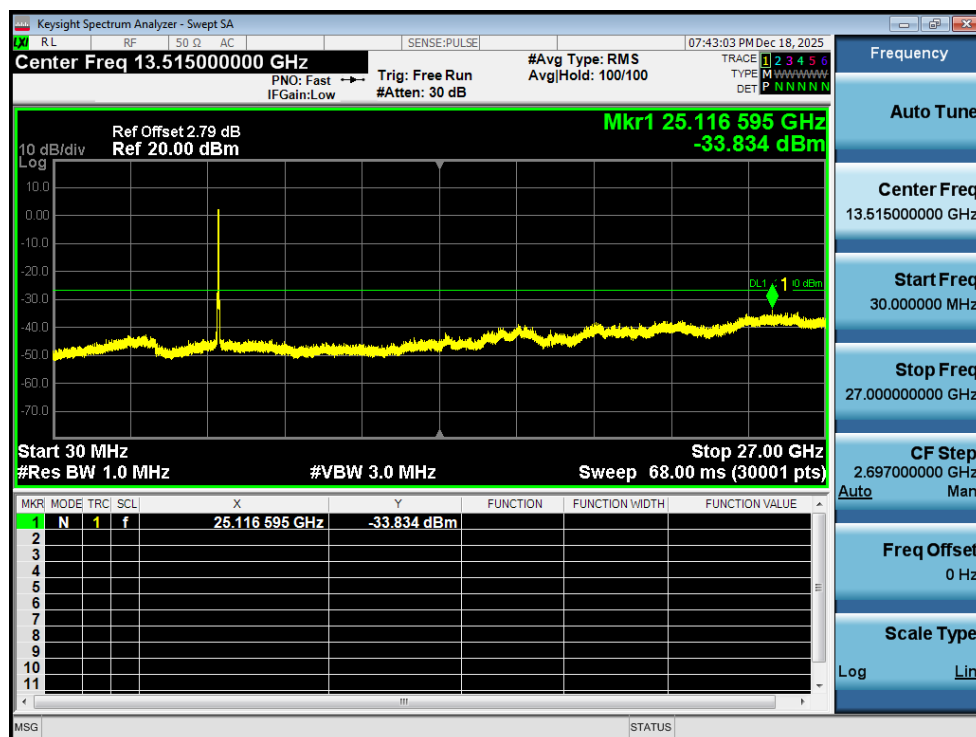
Tx. Spurious NVNT n20 5785MHz Ant1 Emission



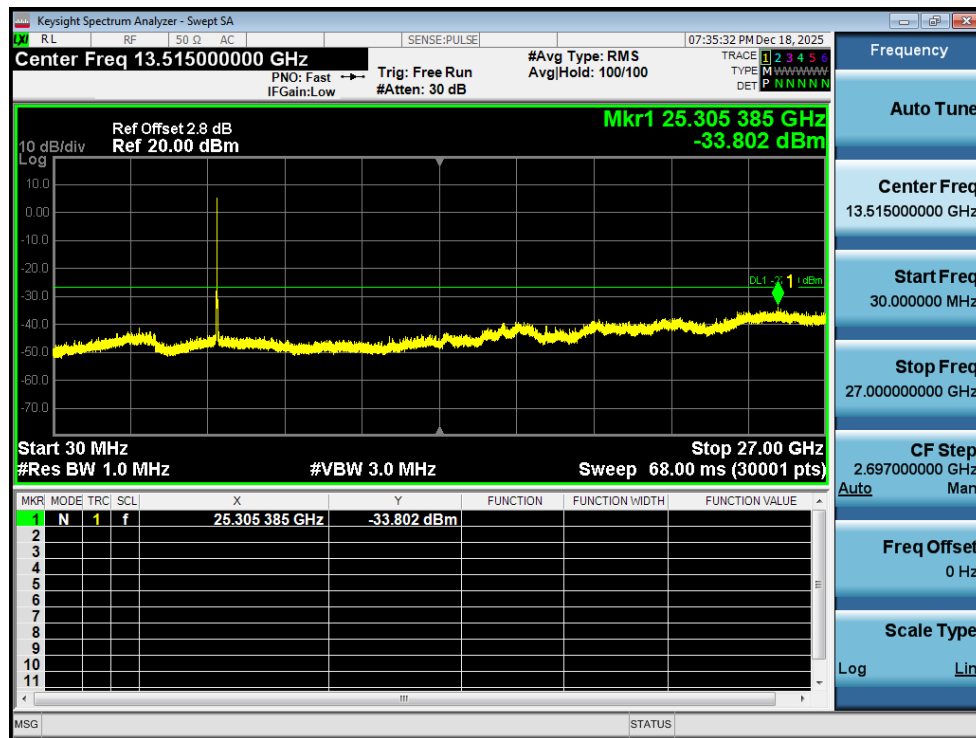
Tx. Spurious NVNT n20 5825MHz Ant1 Emission



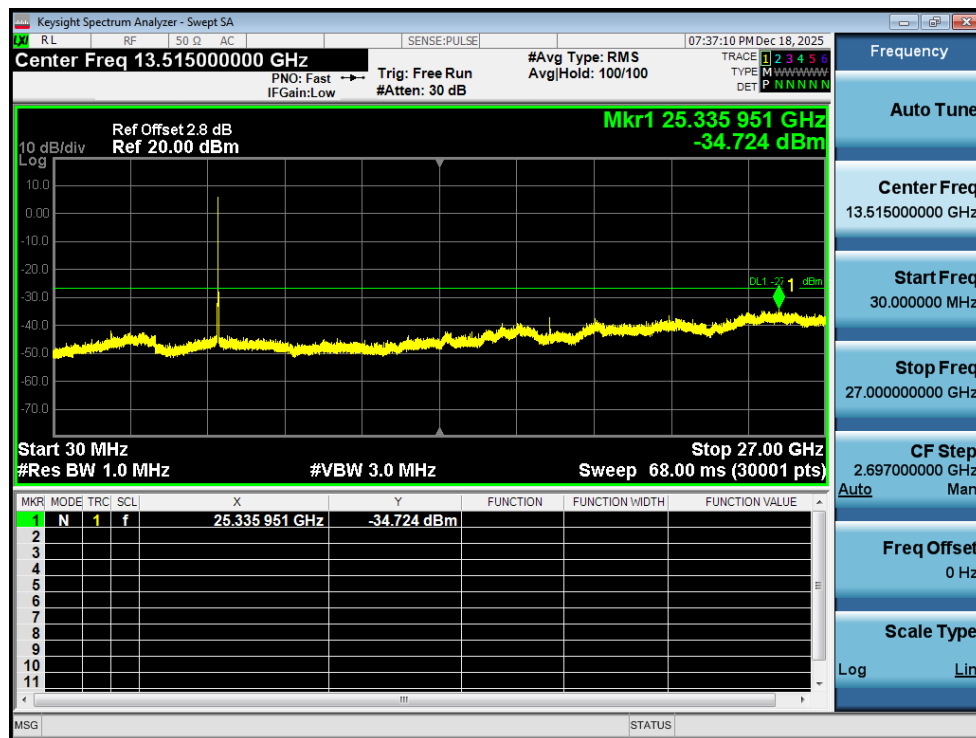
Tx. Spurious NVNT n40 5755MHz Ant1 Emission



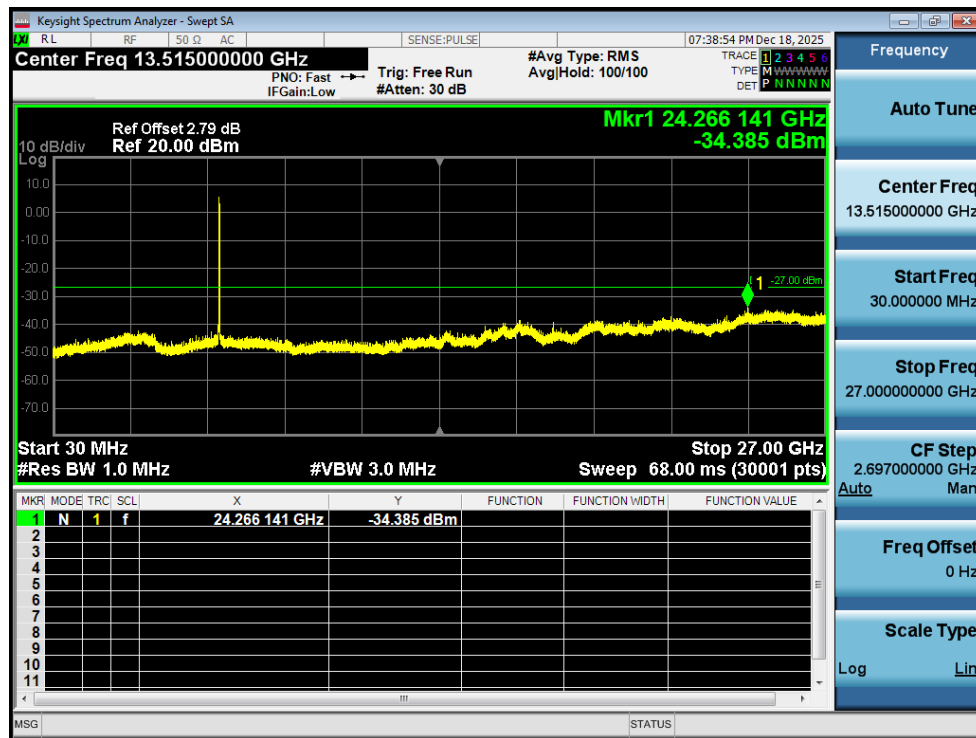
Tx. Spurious NVNT n40 5795MHz Ant1 Emission



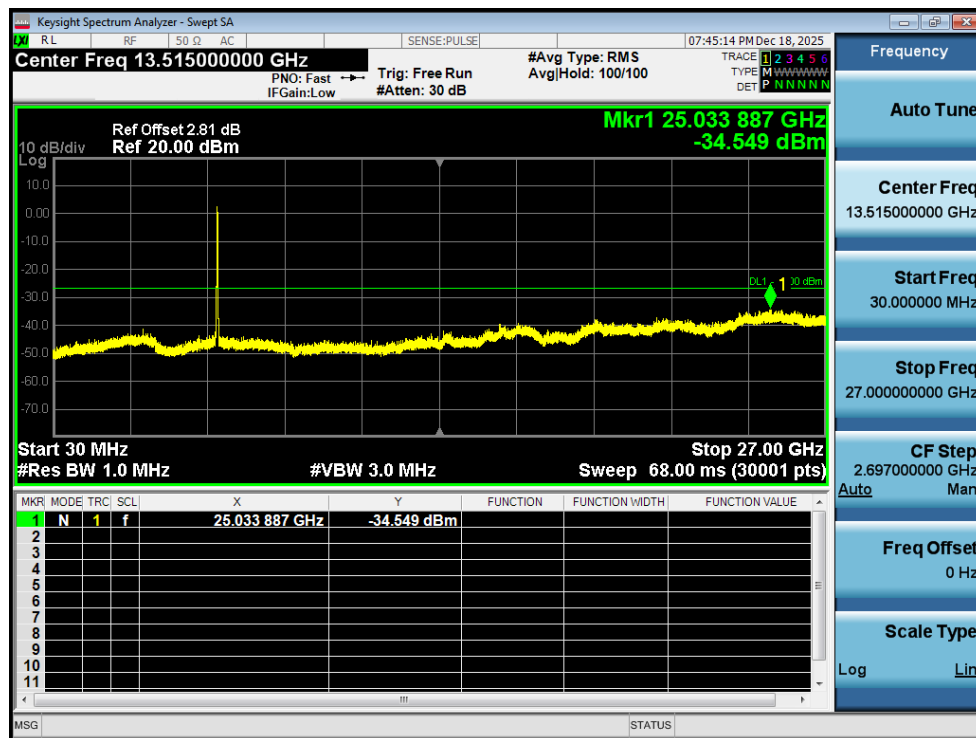
Tx. Spurious NVNT ac20 5745MHz Ant1 Emission



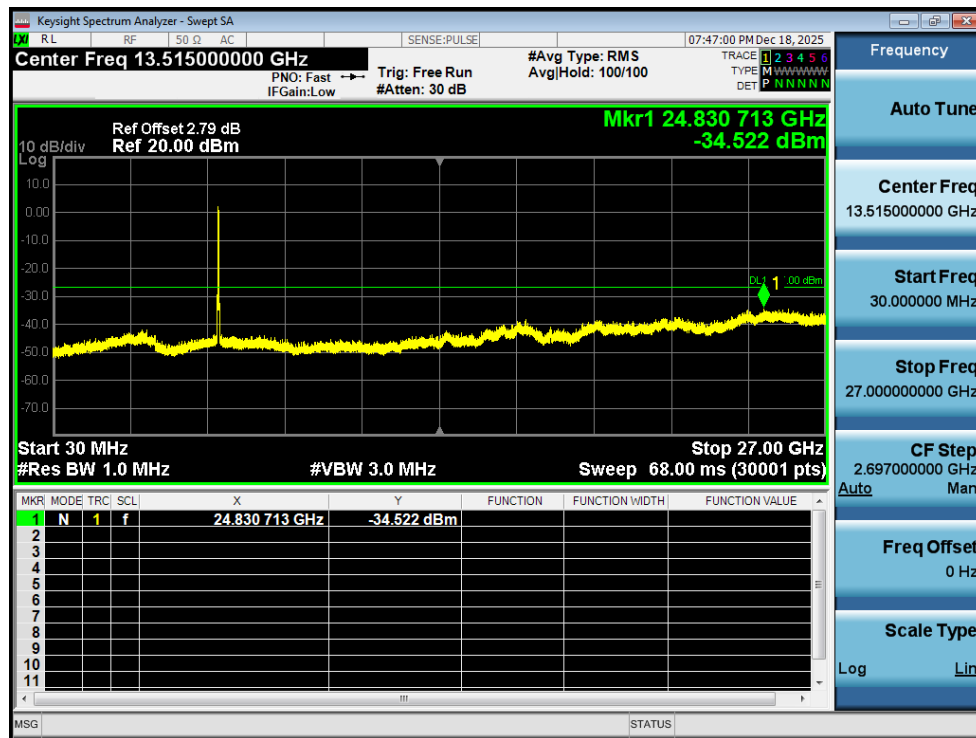
Tx. Spurious NVNT ac20 5785MHz Ant1 Emission



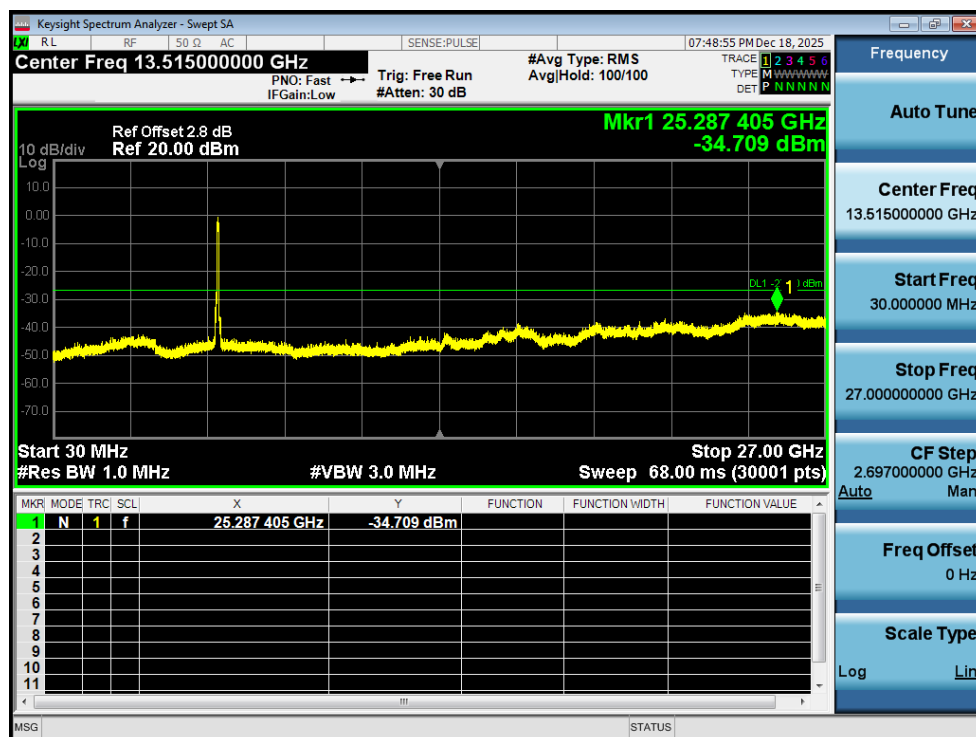
Tx. Spurious NVNT ac20 5825MHz Ant1 Emission



Tx. Spurious NVNT ac40 5755MHz Ant1 Emission



Tx. Spurious NVNT ac40 5795MHz Ant1 Emission



Tx. Spurious NVNT ac80 5775MHz Ant1 Emission