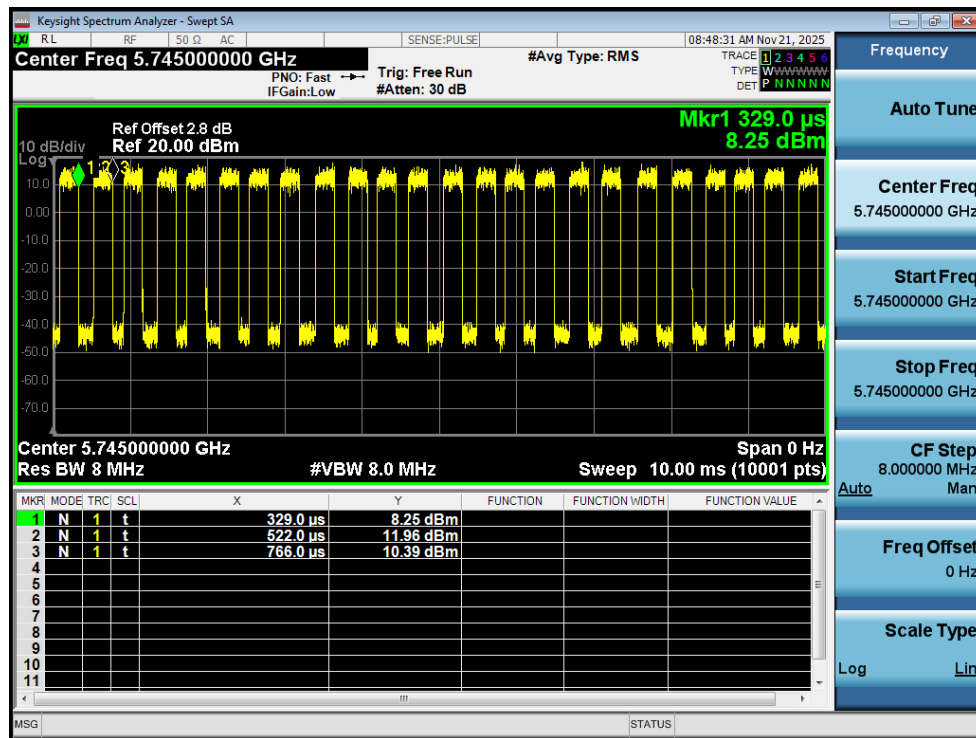


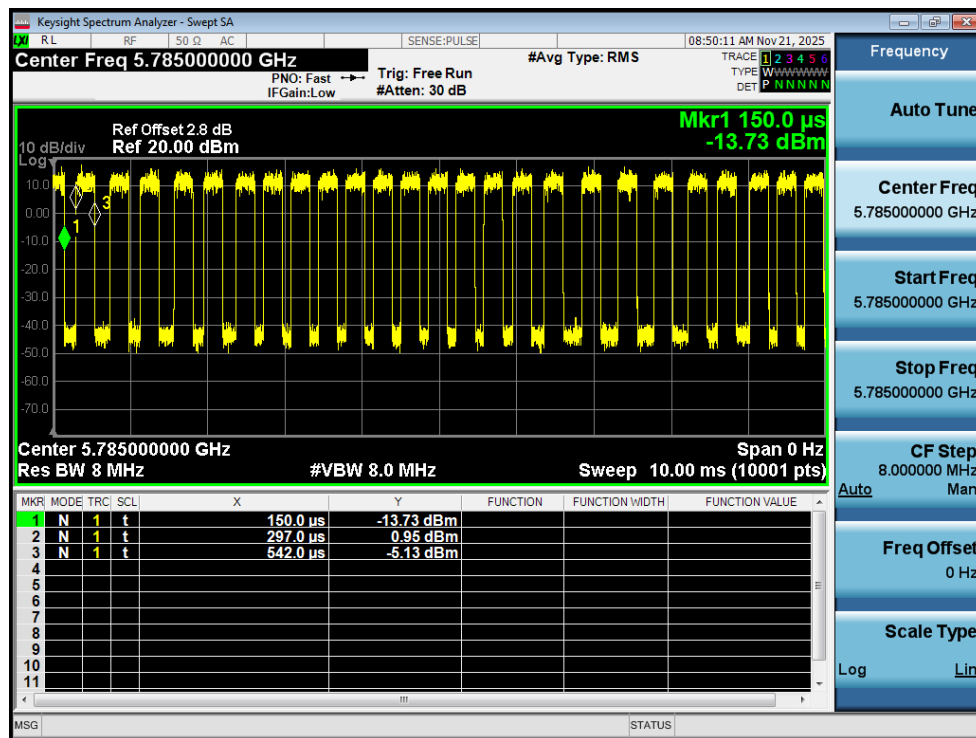
Test Data Appendix of Test Report

1. Duty Cycle

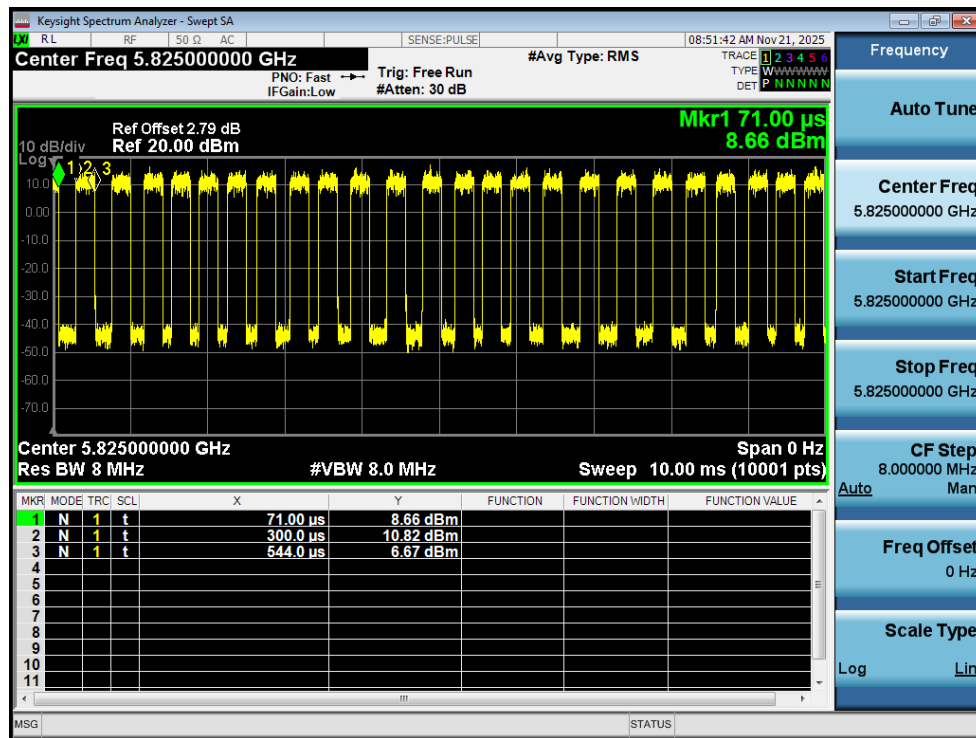
Condition	Mode	Frequency (MHz)	Antenna	Duty Cycle (%)	Correction Factor (dB)	1/T (kHz)
NVNT	a	5745	Ant1	55.84	2.53	4.1
NVNT	a	5785	Ant1	62.5	2.04	4.08
NVNT	a	5825	Ant1	51.59	2.87	4.1
NVNT	n20	5745	Ant1	75.68	1.21	4.46
NVNT	n20	5785	Ant1	48.48	3.14	4.46
NVNT	n20	5825	Ant1	49.56	3.05	4.44
NVNT	n40	5755	Ant1	45.91	3.38	7.75
NVNT	n40	5795	Ant1	38.17	4.18	7.75



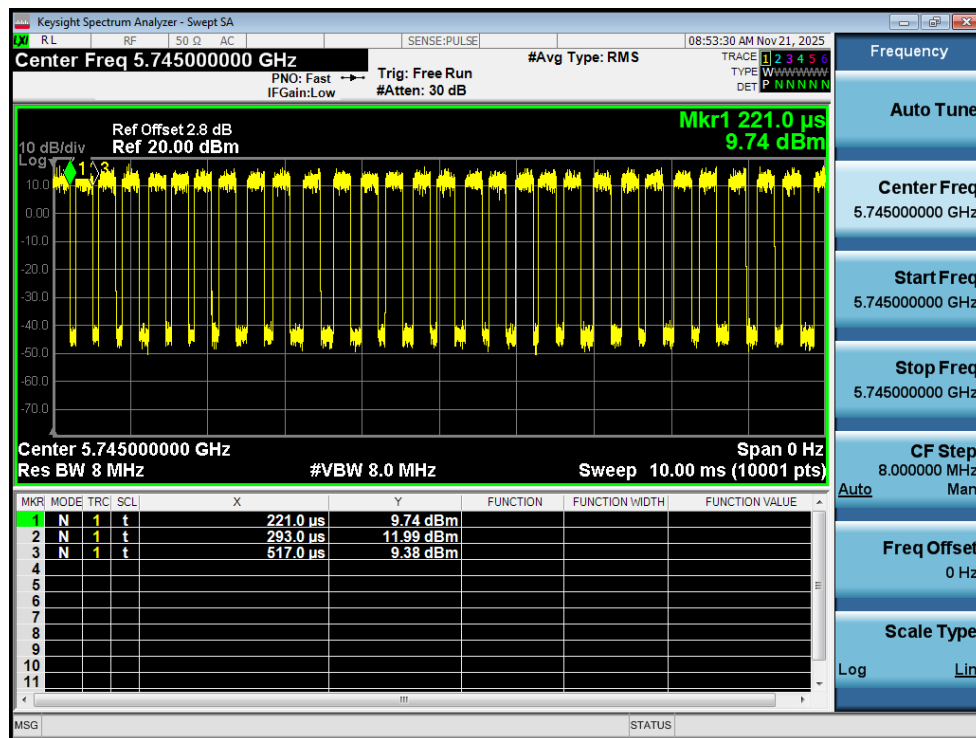
Duty Cycle NVNT a 5745MHz Ant1



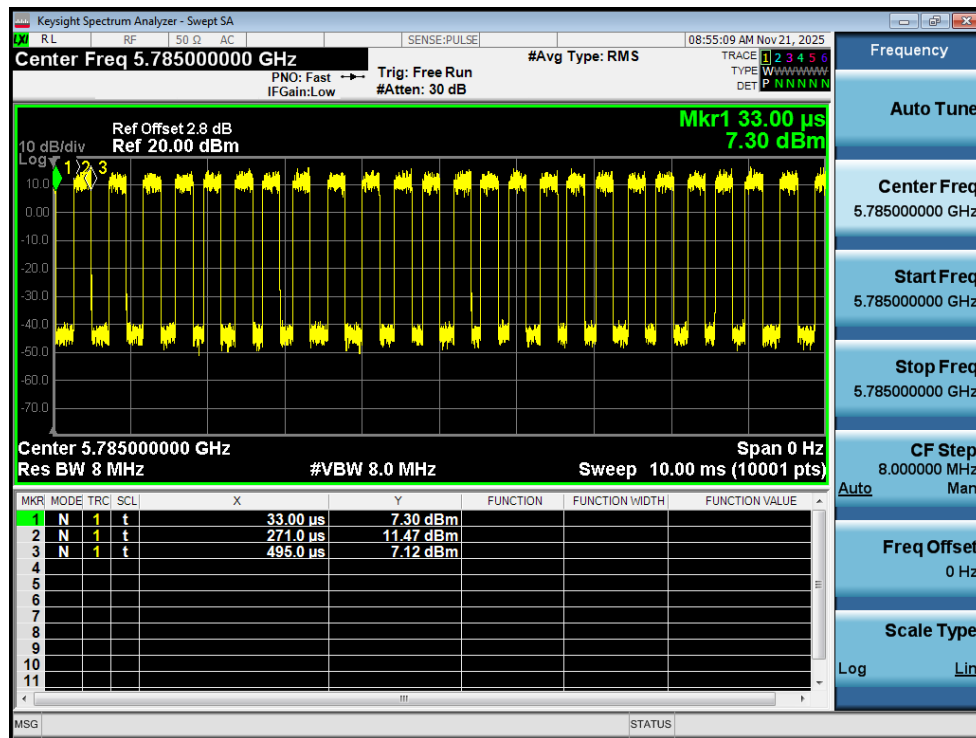
Duty Cycle NVNT a 5785MHz Ant1



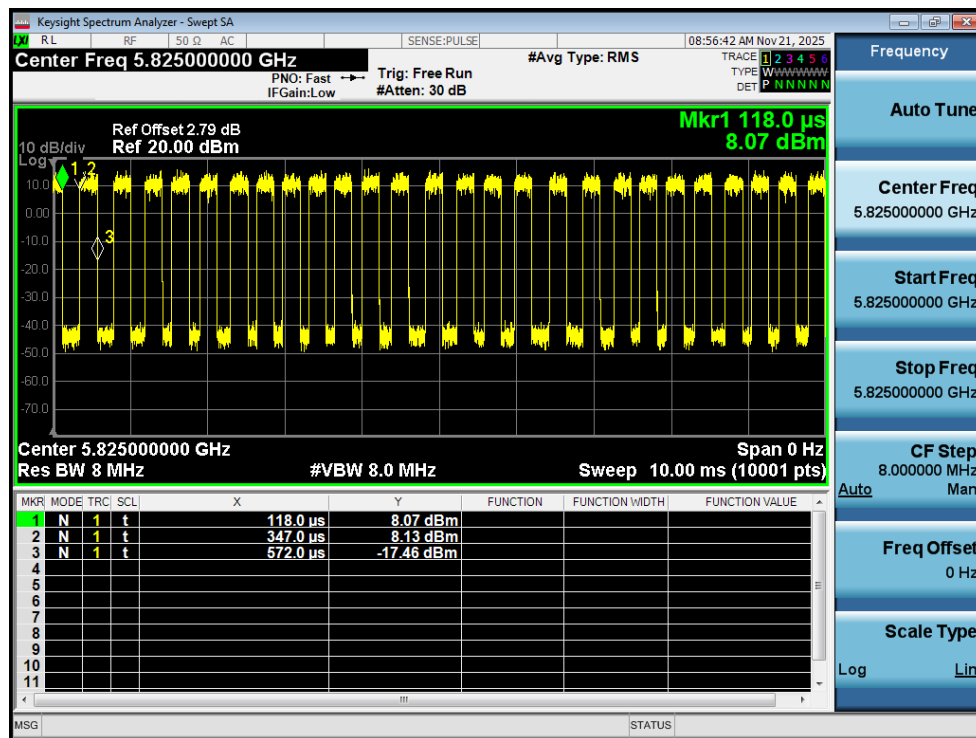
Duty Cycle NVNT a 5825MHz Ant1



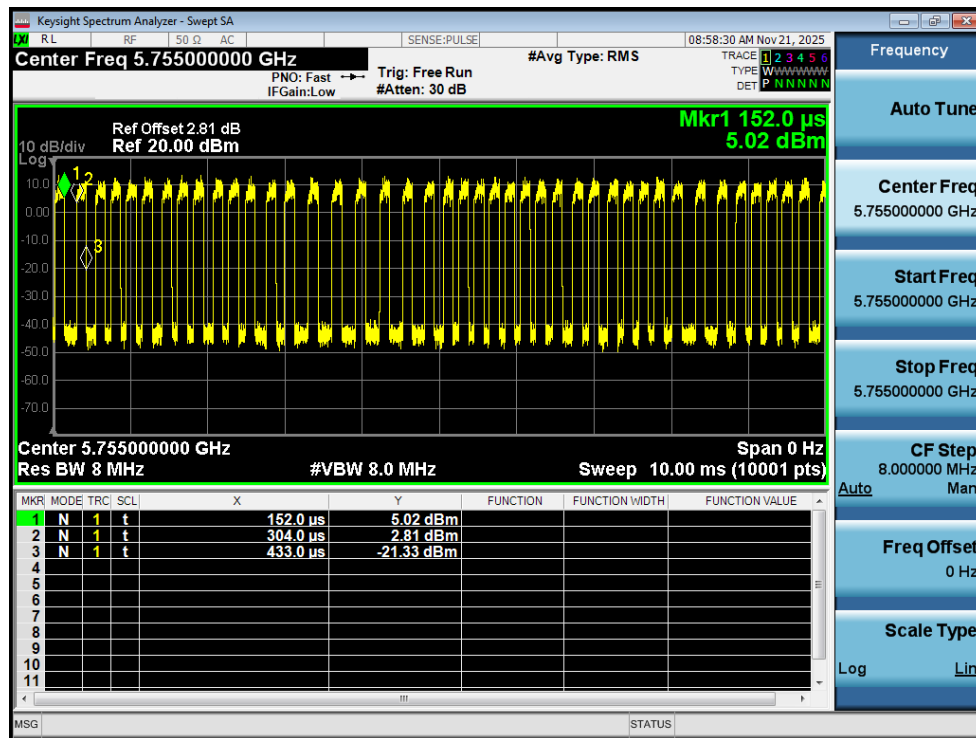
Duty Cycle NVNT n20 5745MHz Ant1



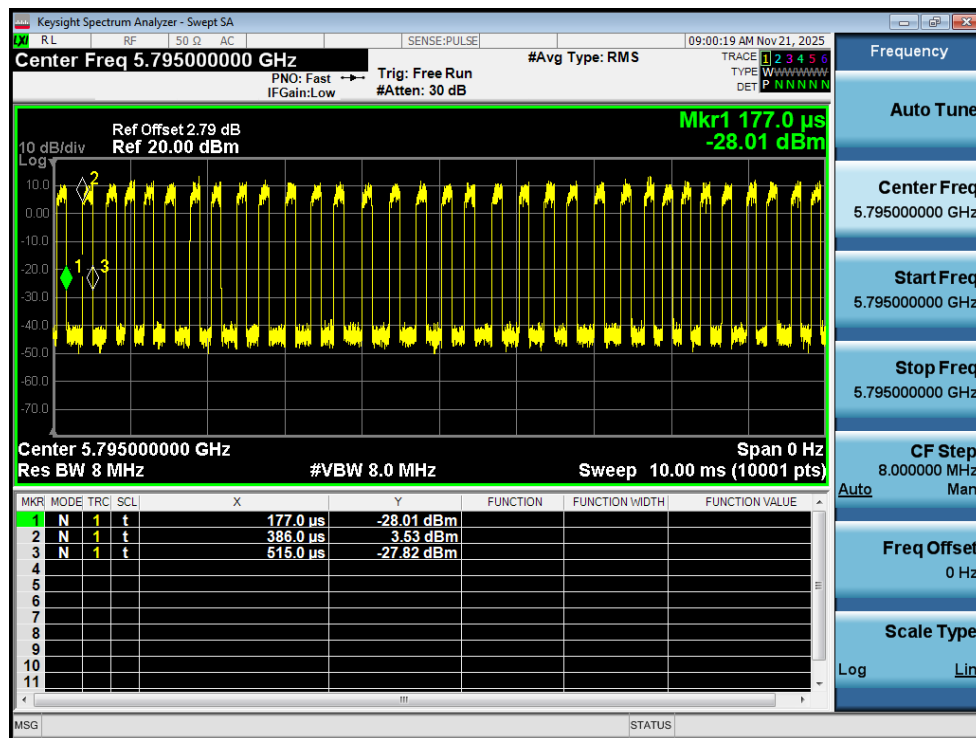
Duty Cycle NVNT n20 5785MHz Ant1



Duty Cycle NVNT n20 5825MHz Ant1



Duty Cycle NVNT n40 5755MHz Ant1



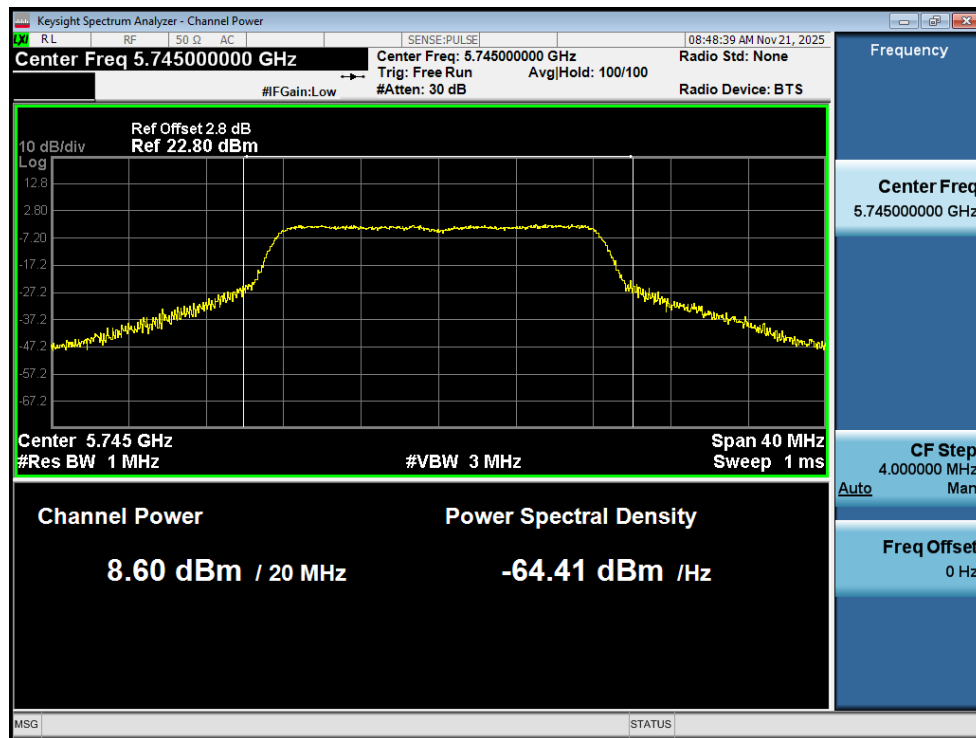
Duty Cycle NVNT n40 5795MHz Ant1

2. Maximum Conducted Output Power

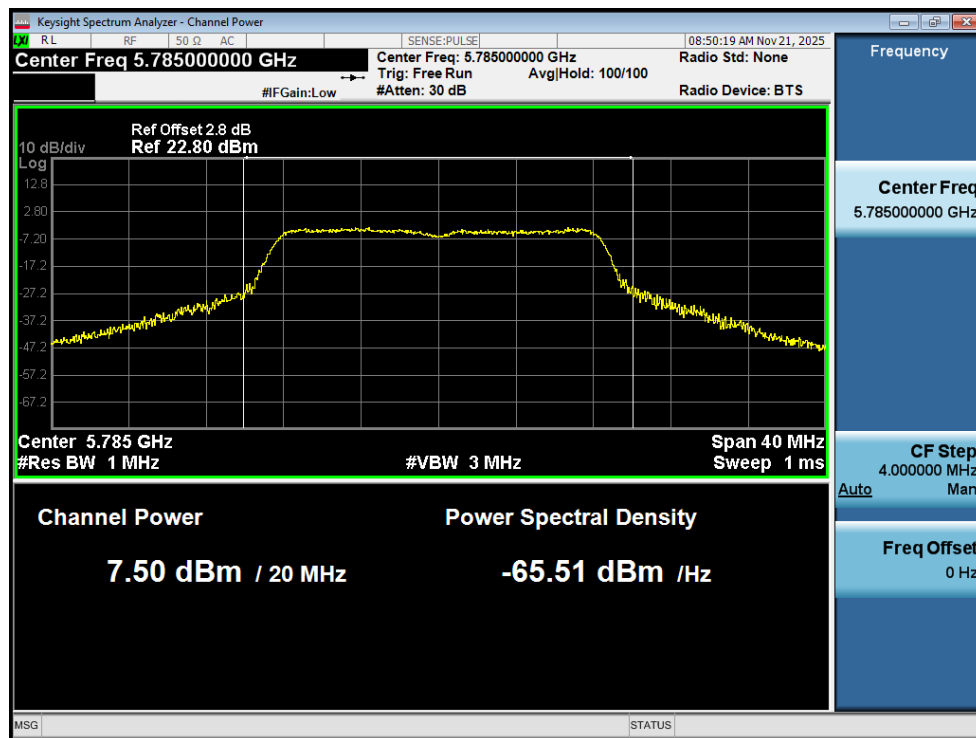
Condition	Mode	Frequency (MHz)	Antenna	Conducted Power (dBm)	Duty Factor (dB)	Total Power (dBm)	Limit (dBm)	Verdict
NVNT	a	5745	Ant1	8.6	2.53	11.13	30	Pass
NVNT	a	5785	Ant1	7.5	2.04	9.54	30	Pass
NVNT	a	5825	Ant1	7.27	2.87	10.14	30	Pass
NVNT	n20	5745	Ant1	8.38	1.21	9.59	30	Pass
NVNT	n20	5785	Ant1	7.45	3.14	10.59	30	Pass
NVNT	n20	5825	Ant1	6.96	3.05	10.01	30	Pass
NVNT	n40	5755	Ant1	7.19	3.38	10.57	30	Pass
NVNT	n40	5795	Ant1	5.86	4.18	10.04	30	Pass

Note1: Total power=Conducted power + Duty factor

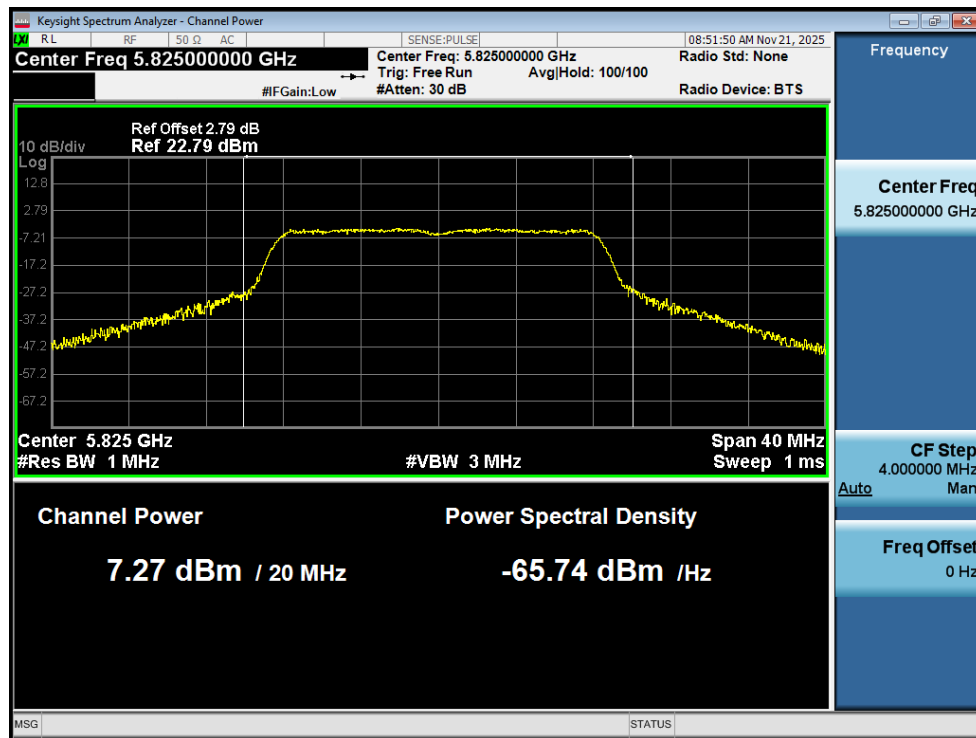
Note 2: Antenna Gain: 2.69dBi



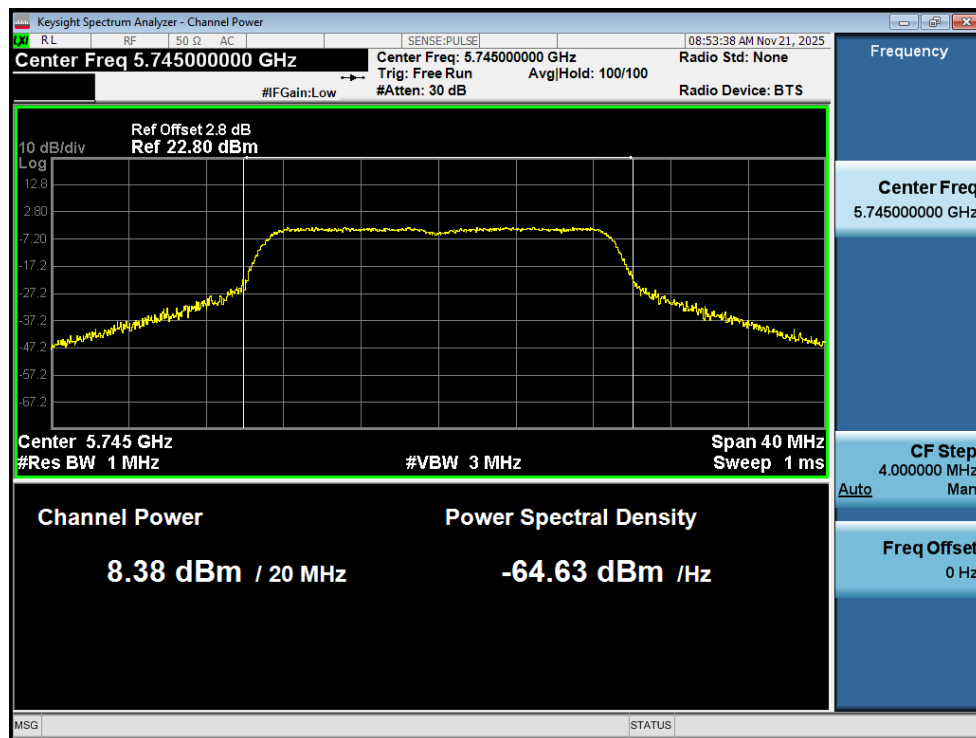
Power NVNT a 5745MHz Ant1



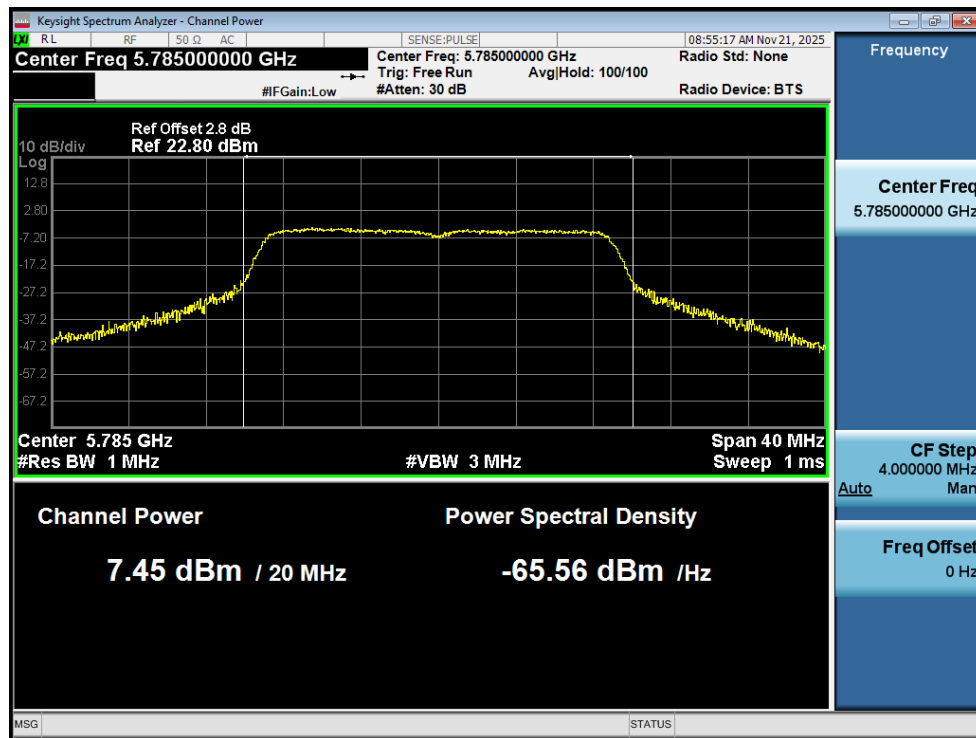
Power NVNT a 5785MHz Ant1



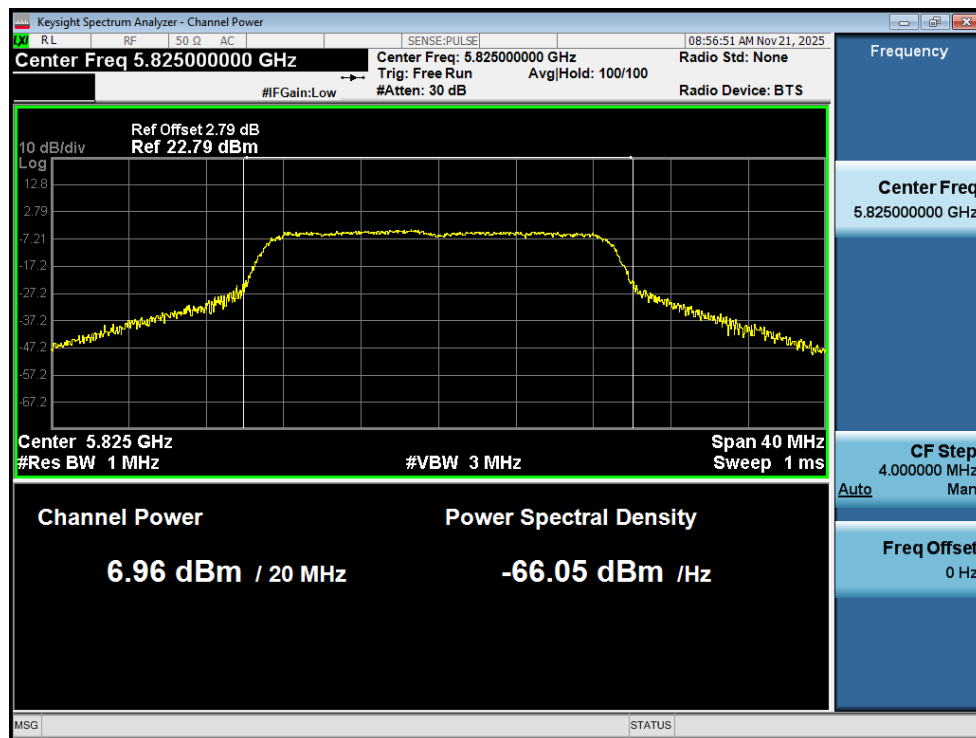
Power NVNT a 5825MHz Ant1



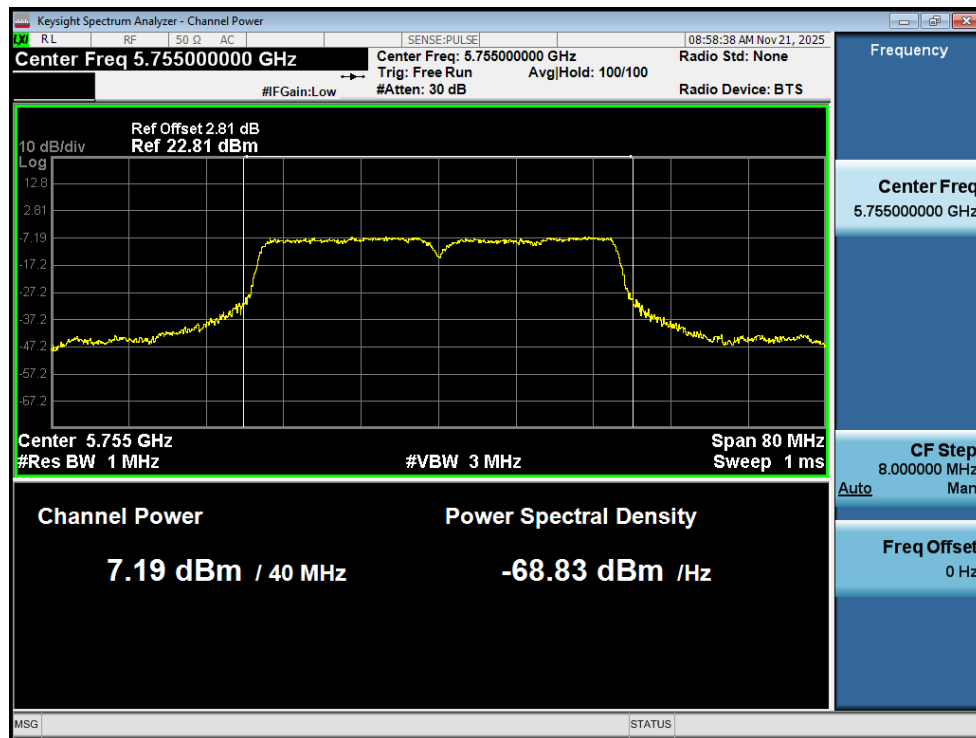
Power NVNT n20 5745MHz Ant1



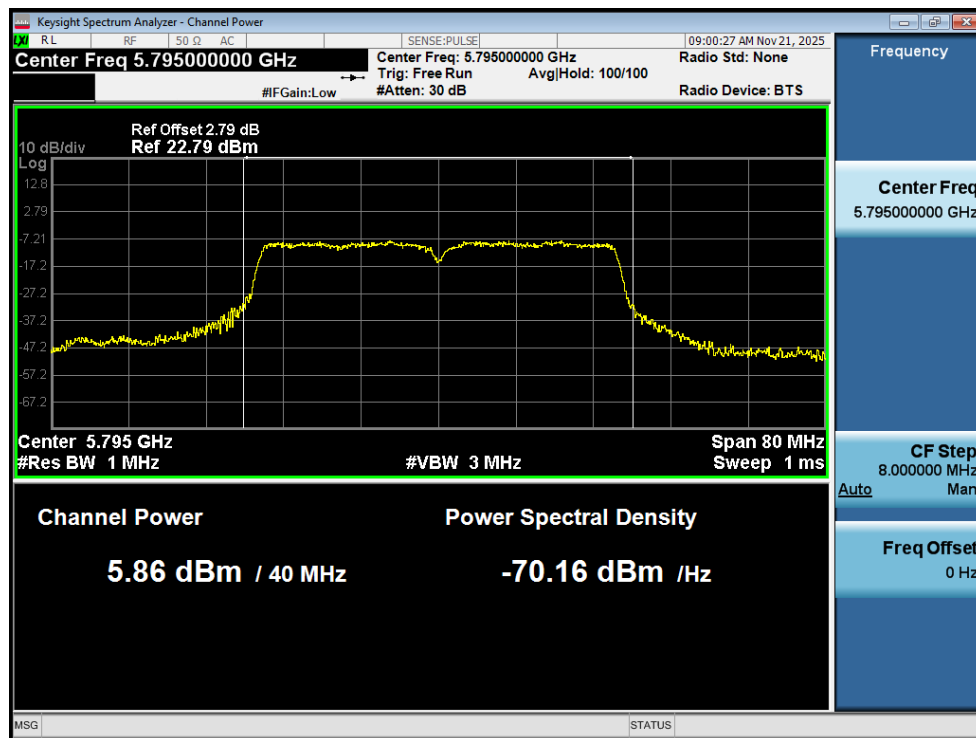
Power NVNT n20 5785MHz Ant1



Power NVNT n20 5825MHz Ant1



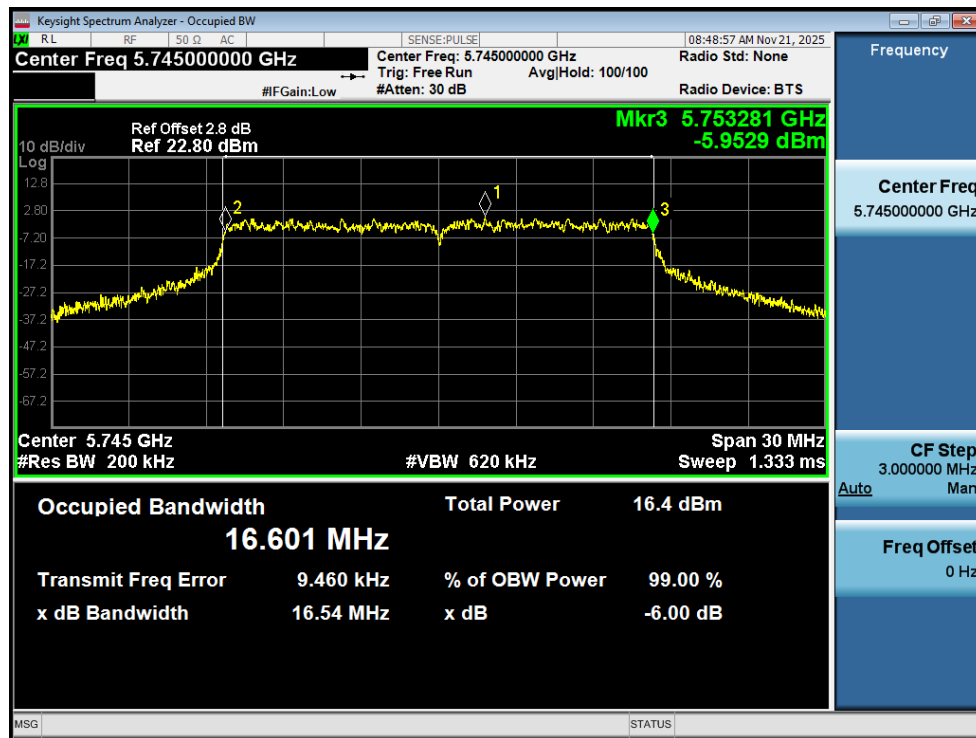
Power NVNT n40 5755MHz Ant1



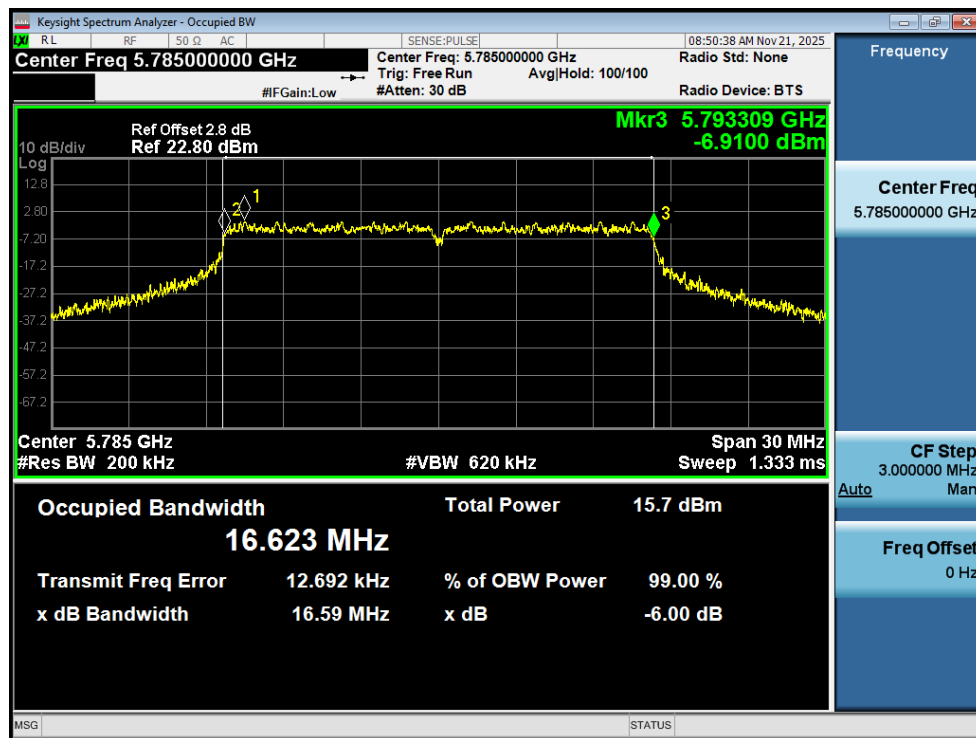
Power NVNT n40 5795MHz Ant1

3. -6dB Bandwidth

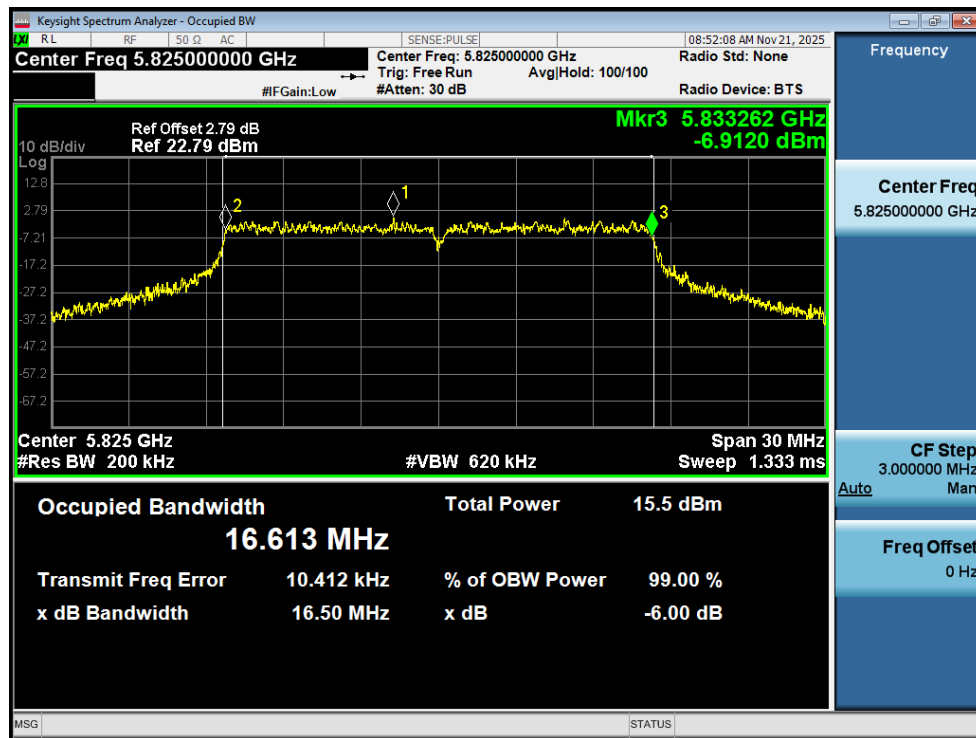
Condition	Mode	Frequency (MHz)	Antenna	-6 dB Bandwidth (MHz)	Verdict
NVNT	a	5745	Ant1	16.544	Pass
NVNT	a	5785	Ant1	16.593	Pass
NVNT	a	5825	Ant1	16.502	Pass
NVNT	n20	5745	Ant1	17.721	Pass
NVNT	n20	5785	Ant1	17.754	Pass
NVNT	n20	5825	Ant1	17.794	Pass
NVNT	n40	5755	Ant1	36.547	Pass
NVNT	n40	5795	Ant1	36.656	Pass



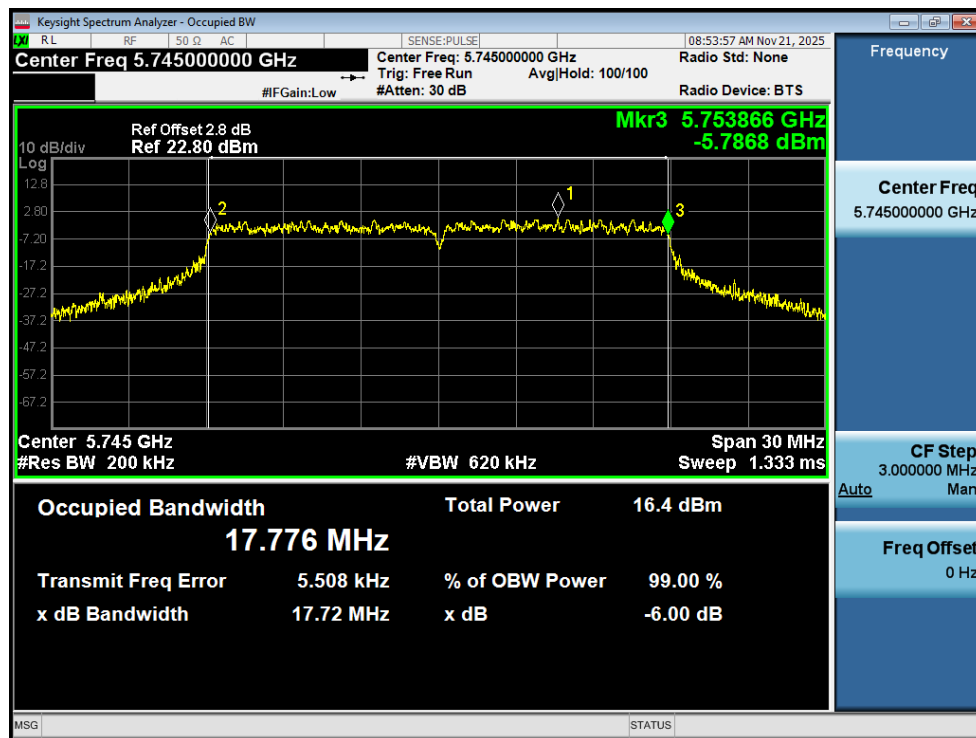
-6dB Bandwidth NVNT a 5745MHz Ant1



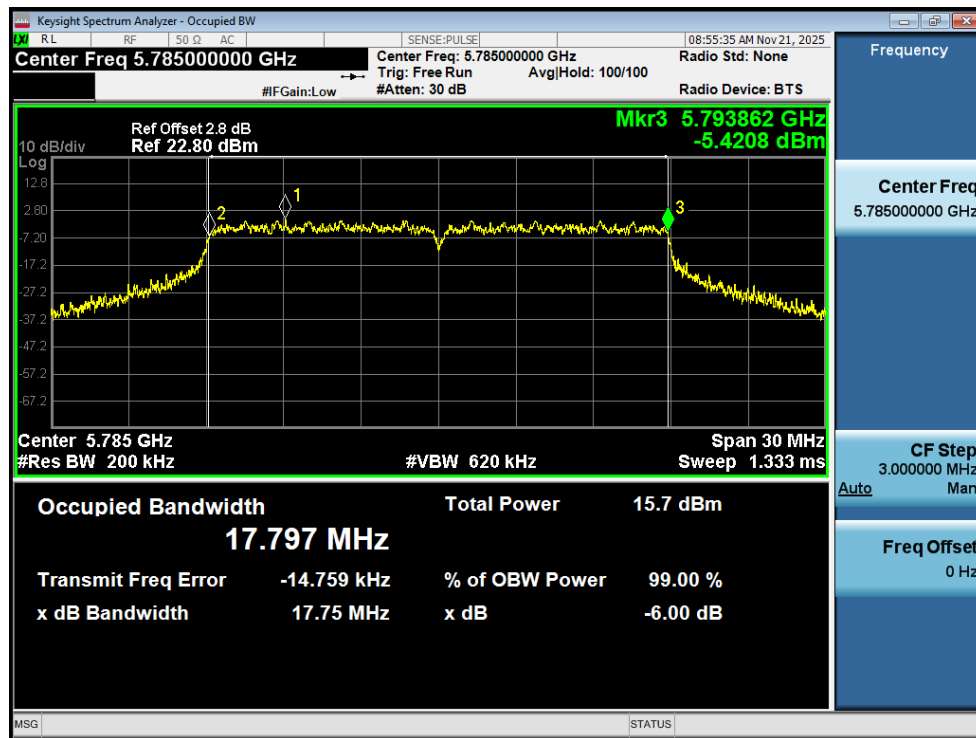
-6dB Bandwidth NVNT a 5785MHz Ant1



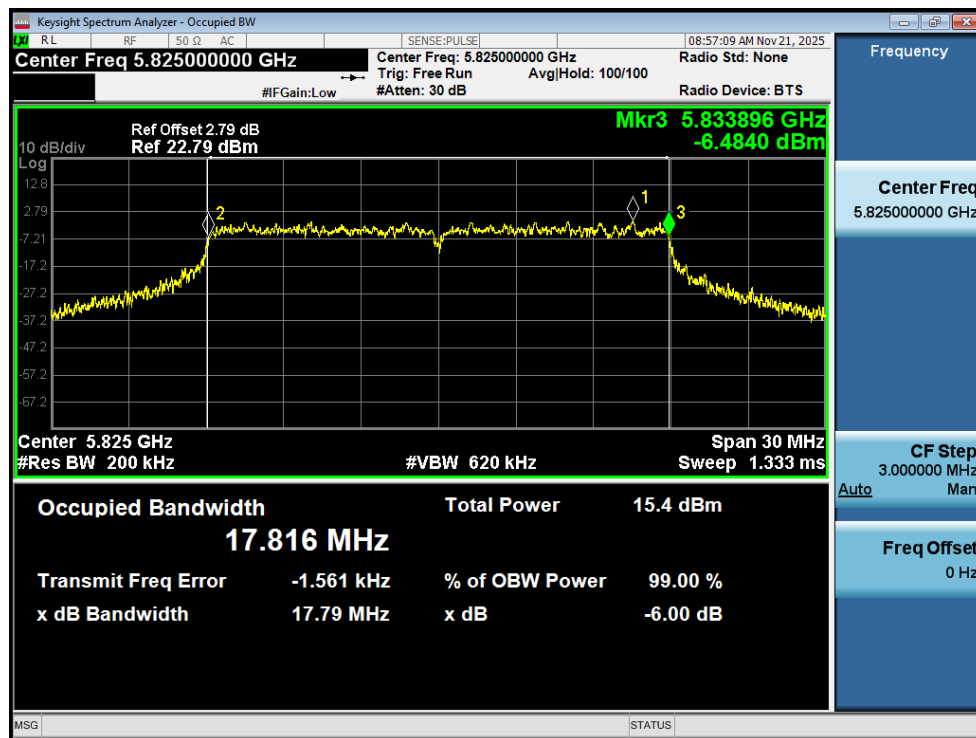
-6dB Bandwidth NVNT a 5825MHz Ant1



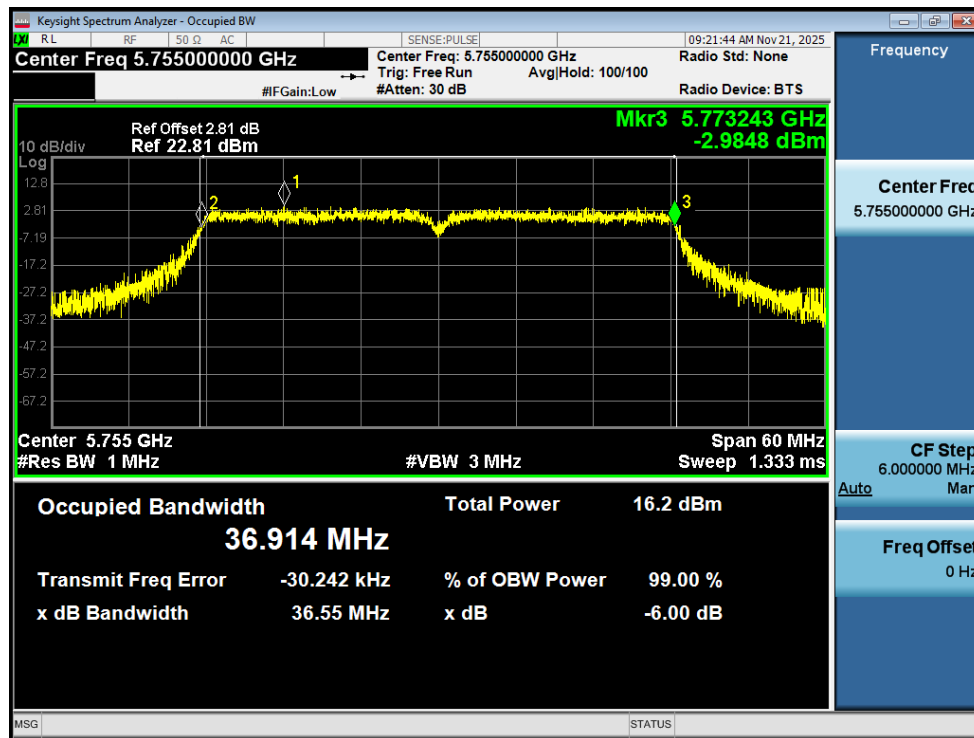
-6dB Bandwidth NVNT n20 5745MHz Ant1



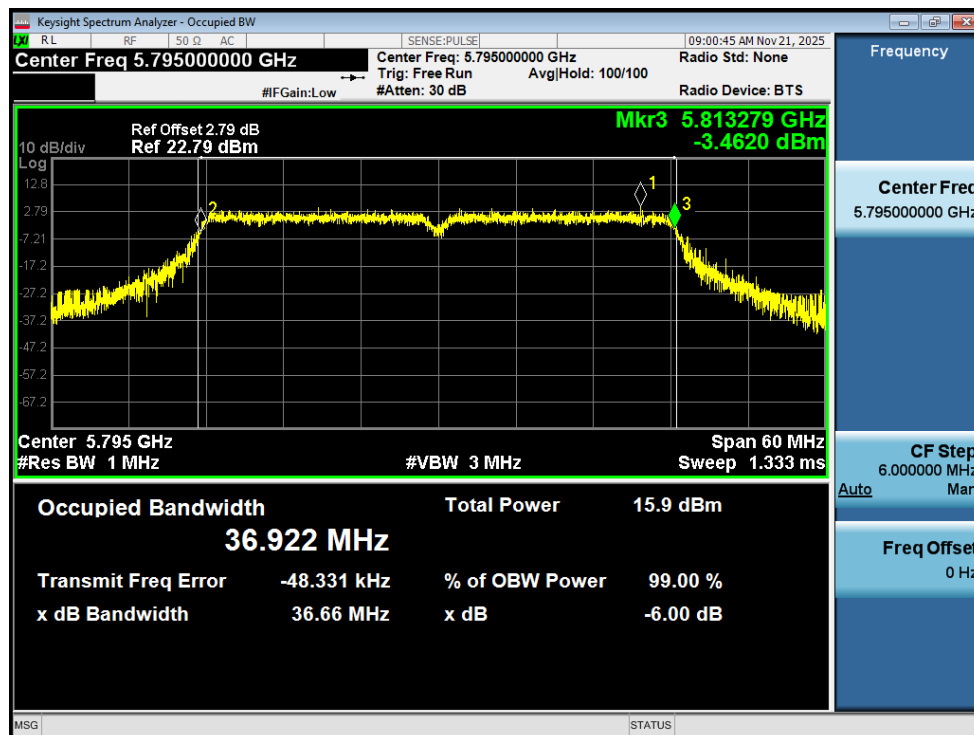
-6dB Bandwidth NVNT n20 5785MHz Ant1



-6dB Bandwidth NVNT n20 5825MHz Ant1



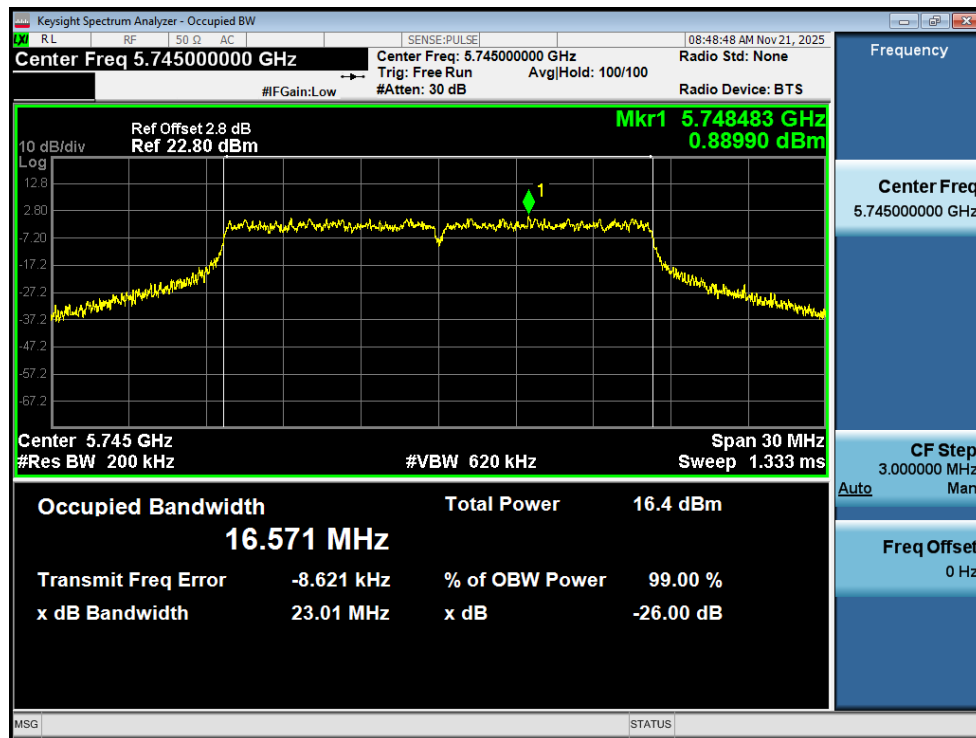
-6dB Bandwidth NVNT n40 5755MHz Ant1



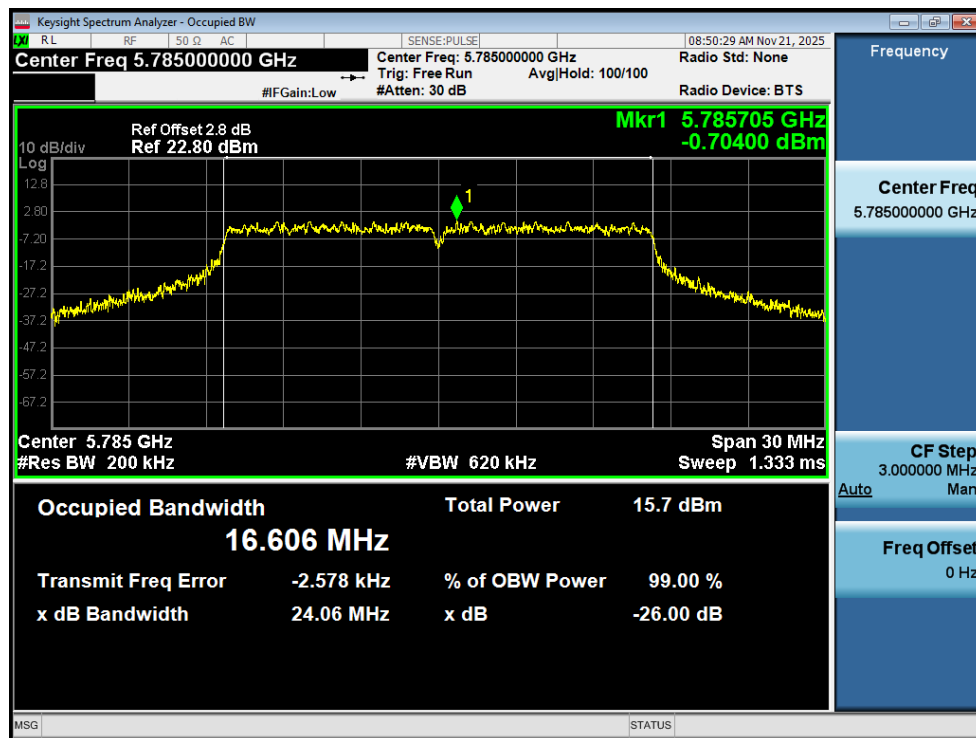
-6dB Bandwidth NVNT n40 5795MHz Ant1

4. Occupied Channel Bandwidth

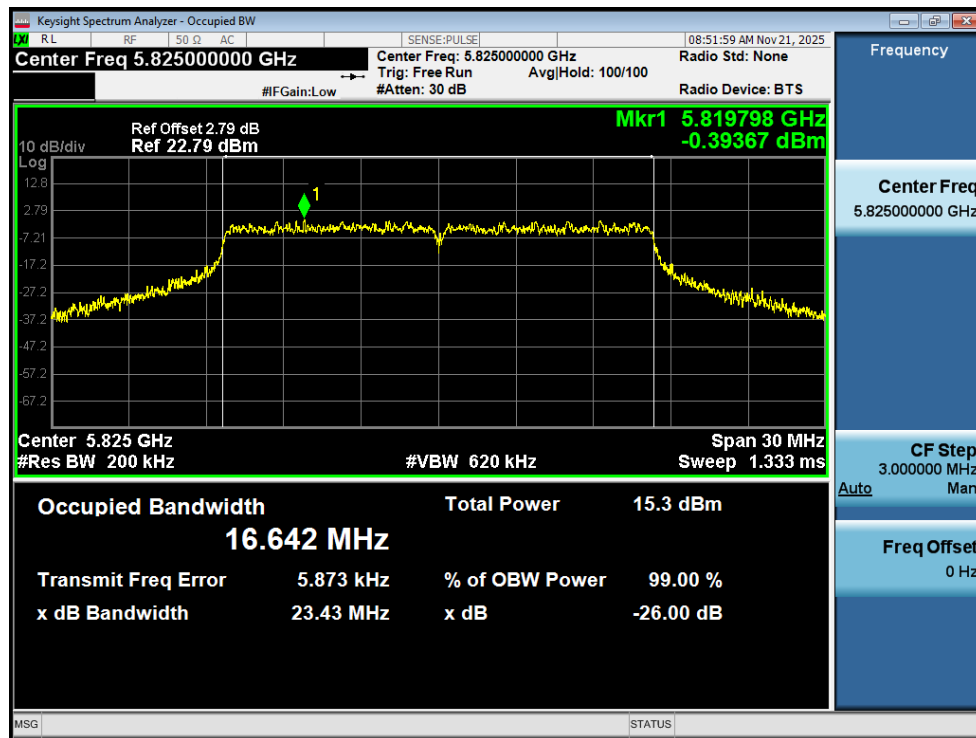
Condition	Mode	Frequency (MHz)	Antenna	99% OBW (MHz)
NVNT	a	5745	Ant1	16.571
NVNT	a	5785	Ant1	16.606
NVNT	a	5825	Ant1	16.642
NVNT	n20	5745	Ant1	17.804
NVNT	n20	5785	Ant1	17.784
NVNT	n20	5825	Ant1	17.838
NVNT	n40	5755	Ant1	36.403
NVNT	n40	5795	Ant1	36.49



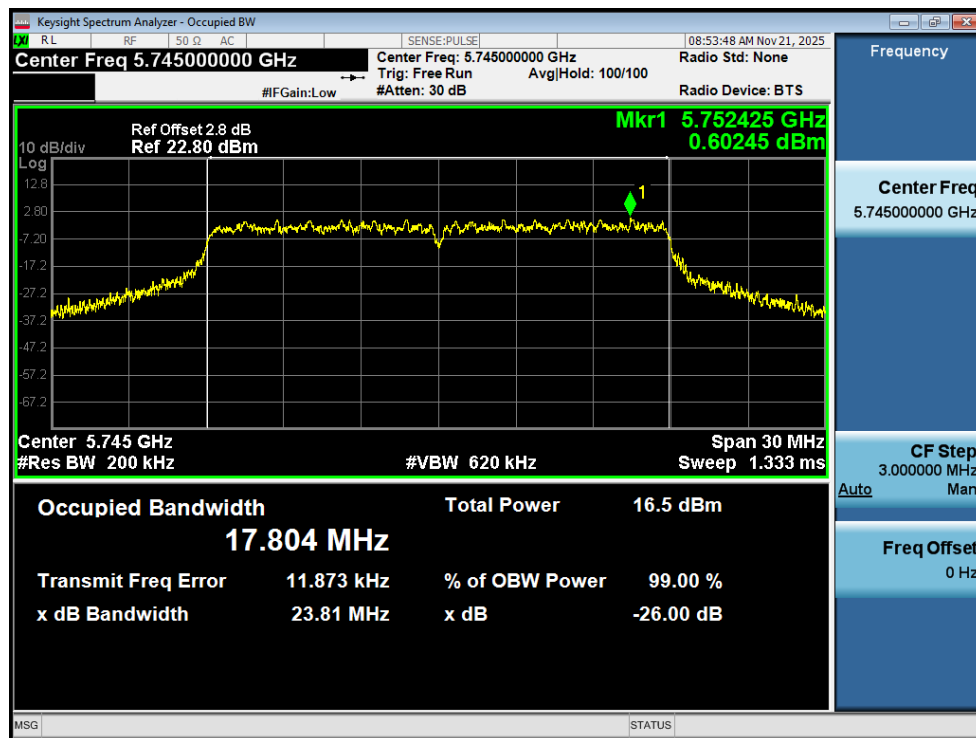
OBW NVNT a 5745MHz Ant1



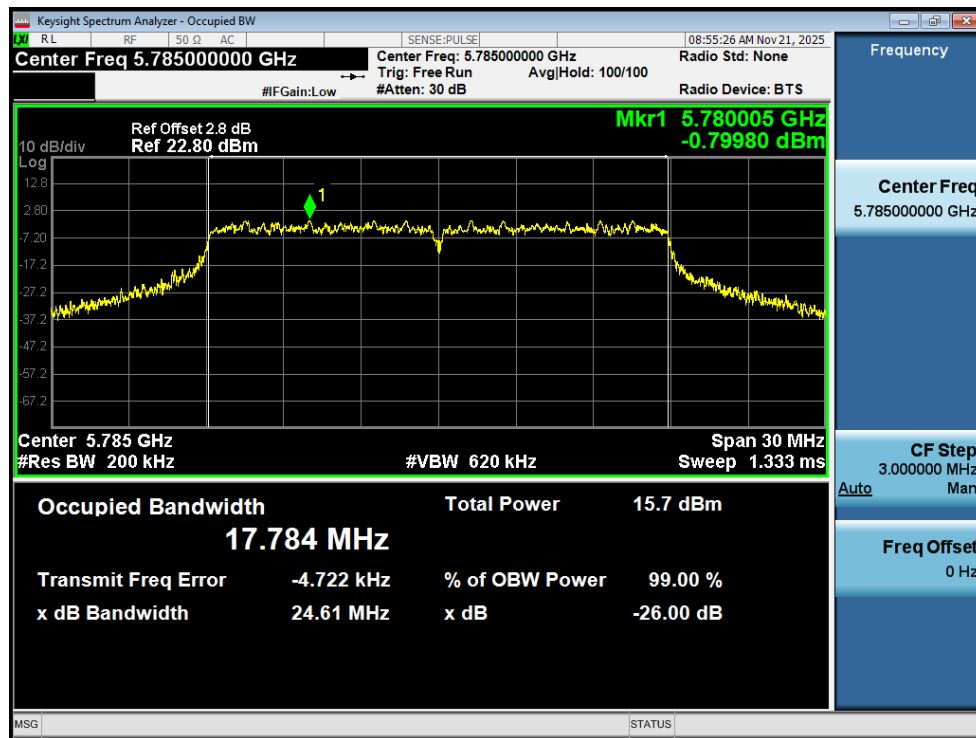
OBW NVNT a 5785MHz Ant1



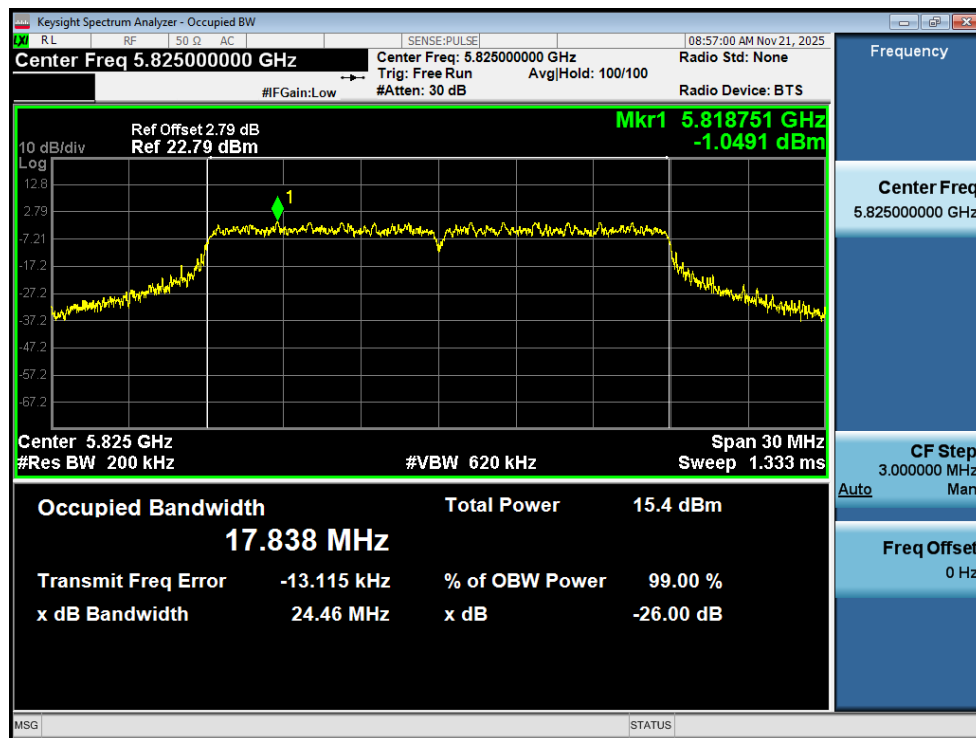
OBW NVNT a 5825MHz Ant1



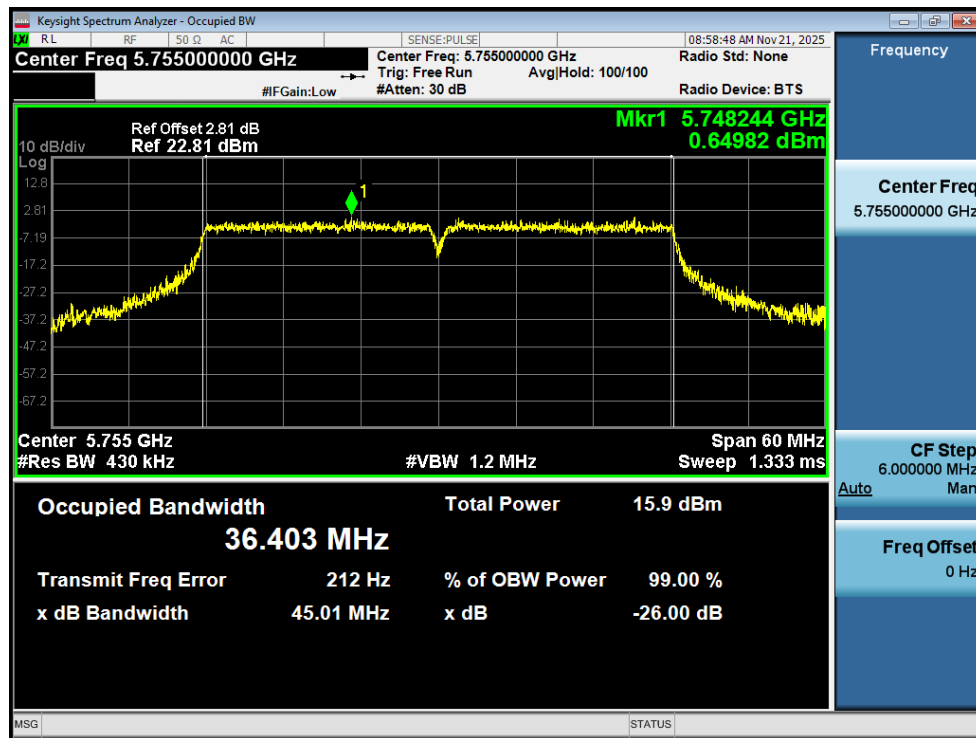
OBW NVNT n20 5745MHz Ant1



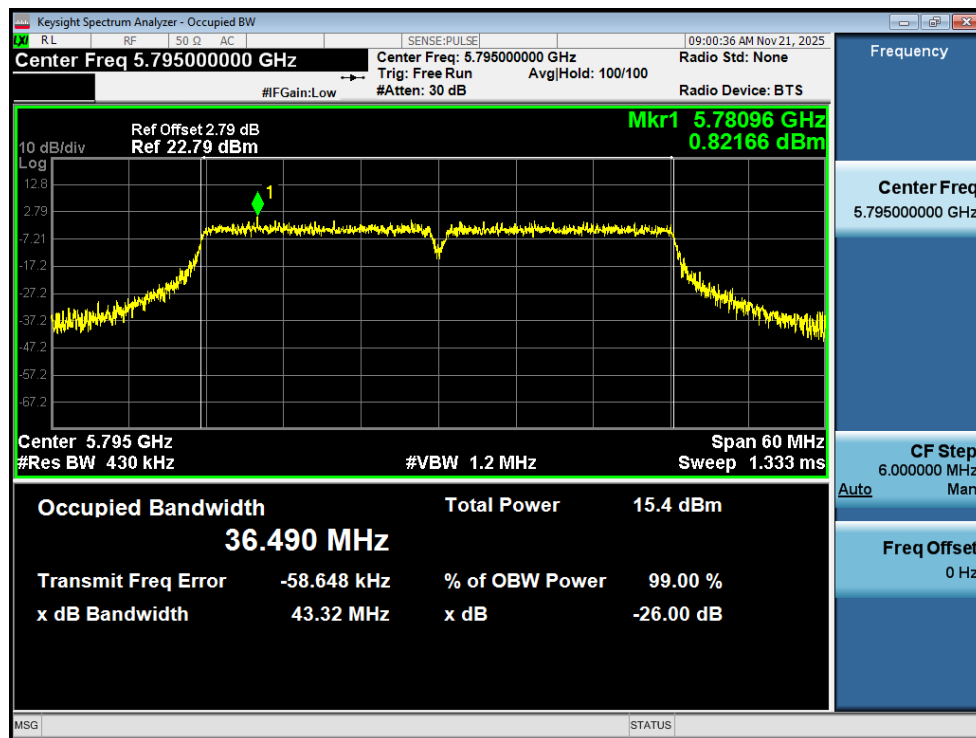
OBW NVNT n20 5785MHz Ant1



OBW NVNT n20 5825MHz Ant1



OBW NVNT n40 5755MHz Ant1



OBW NVNT n40 5795MHz Ant1

5. Maximum Power Spectral Density Level

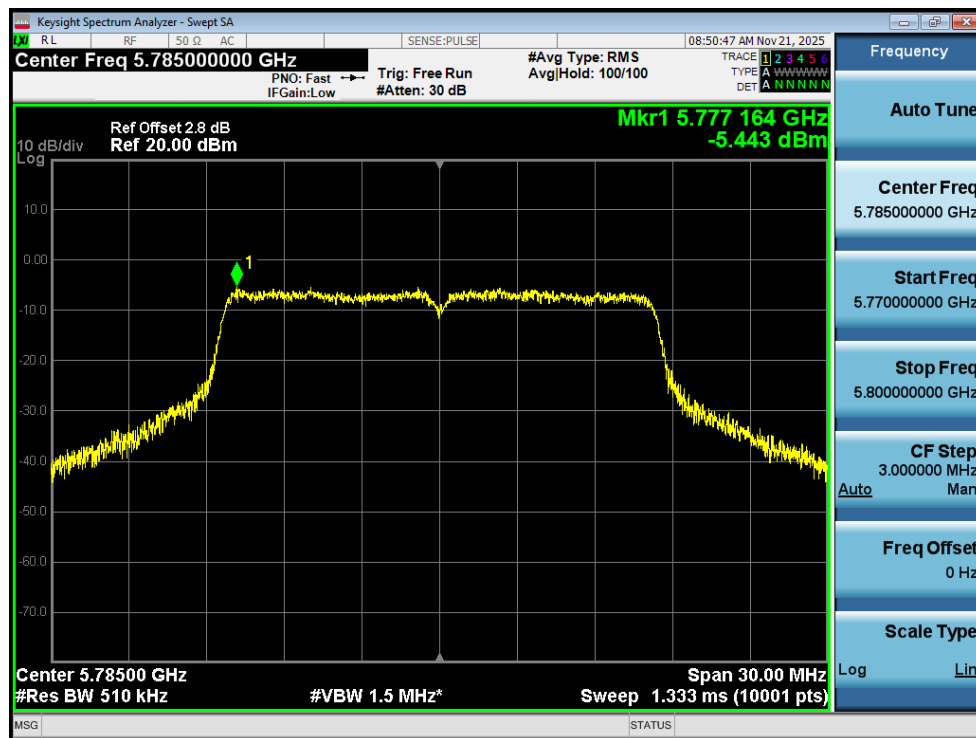
Condition	Mode	Frequency (MHz)	Antenna	Conducted PSD (dBm)	Duty Factor (dB)	10log (510/500)	Total PSD (dBm/500KHz)	Limit (dBm/500KHz)	Verdict
NVNT	a	5745	Ant1	-5.09	2.53	0.086	-2.474	30	Pass
NVNT	a	5785	Ant1	-5.44	2.04	0.086	-3.314	30	Pass
NVNT	a	5825	Ant1	-5.91	2.87	0.086	-2.954	30	Pass
NVNT	n20	5745	Ant1	-5.04	1.21	0.086	-3.744	30	Pass
NVNT	n20	5785	Ant1	-5.93	3.14	0.086	-2.704	30	Pass
NVNT	n20	5825	Ant1	-6.45	3.05	0.086	-3.314	30	Pass
NVNT	n40	5755	Ant1	-9.14	3.38	0.086	-5.674	30	Pass
NVNT	n40	5795	Ant1	-9.63	4.18	0.086	-5.364	30	Pass

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

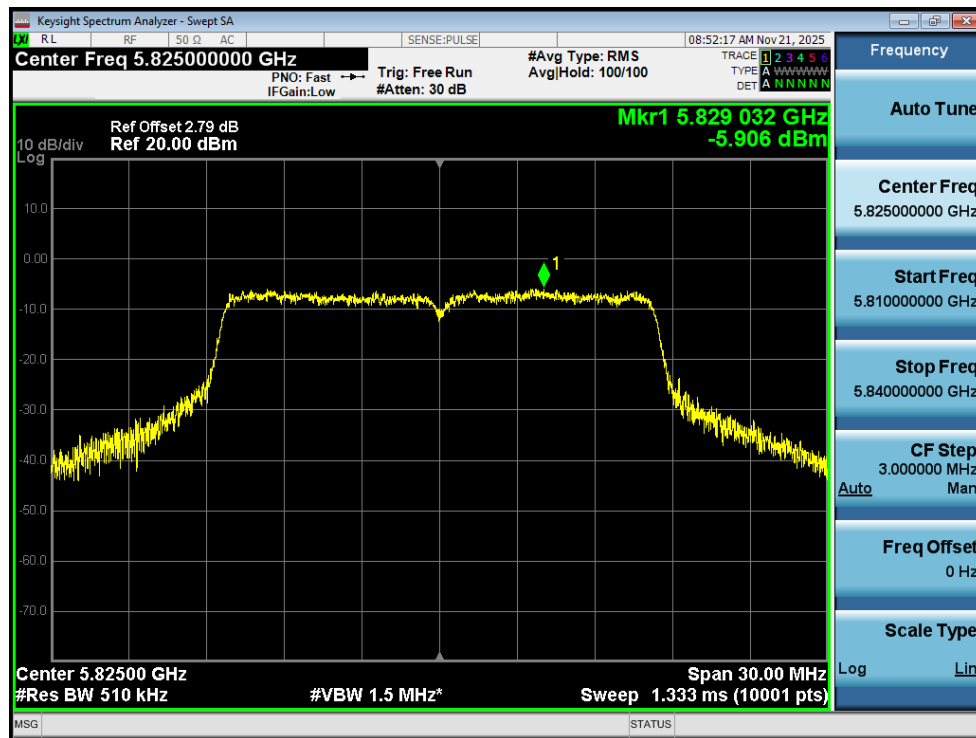
Note 2: Antenna Gain: 2.69dBi



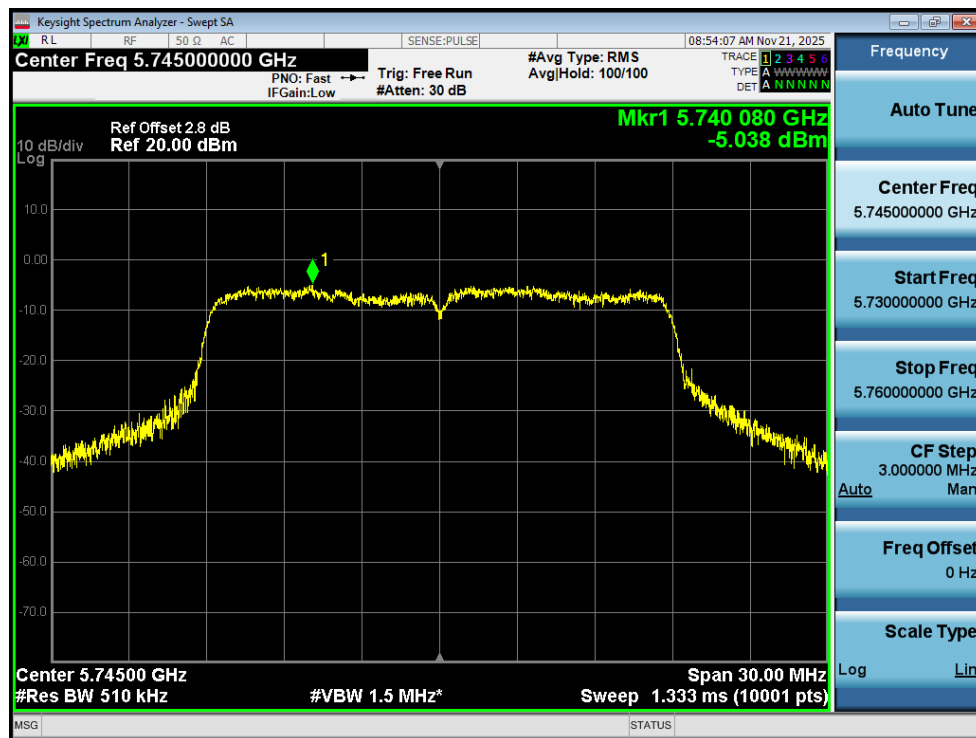
PSD NVNT a 5745MHz Ant1



PSD NVNT a 5785MHz Ant1



PSD NVNT a 5825MHz Ant1



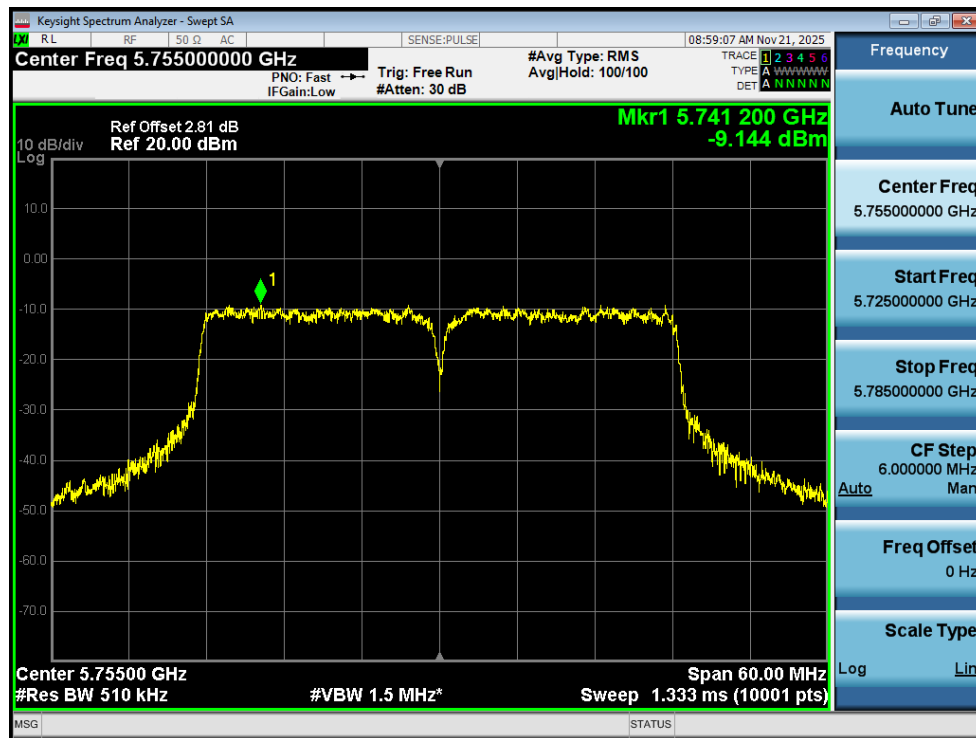
PSD NVNT n20 5745MHz Ant1



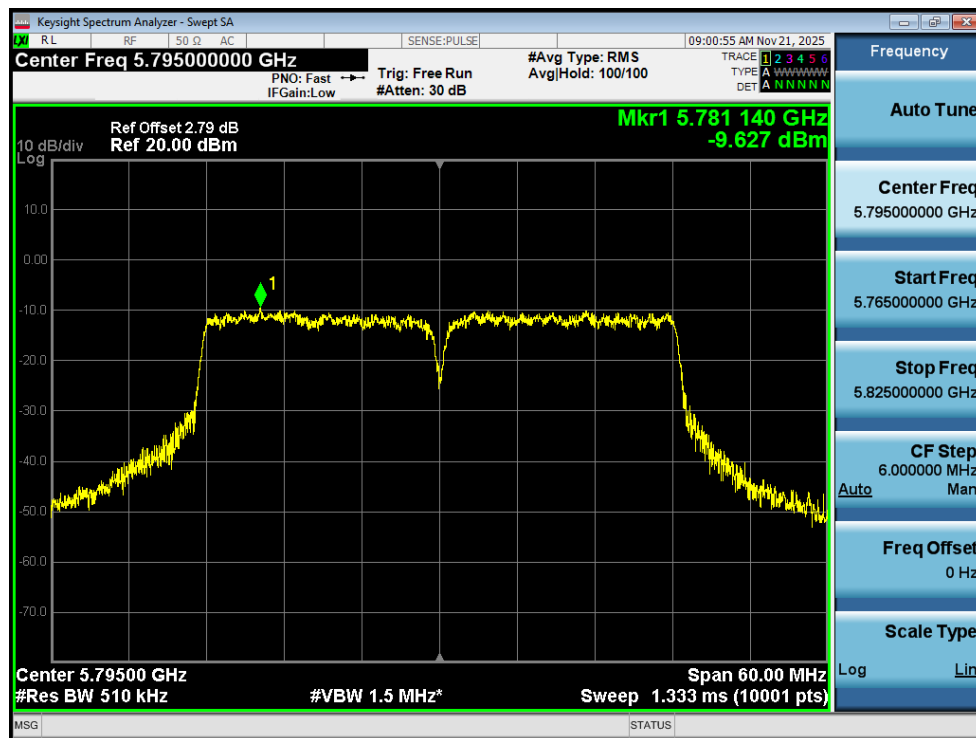
PSD NVNT n20 5785MHz Ant1



PSD NVNT n20 5825MHz Ant1



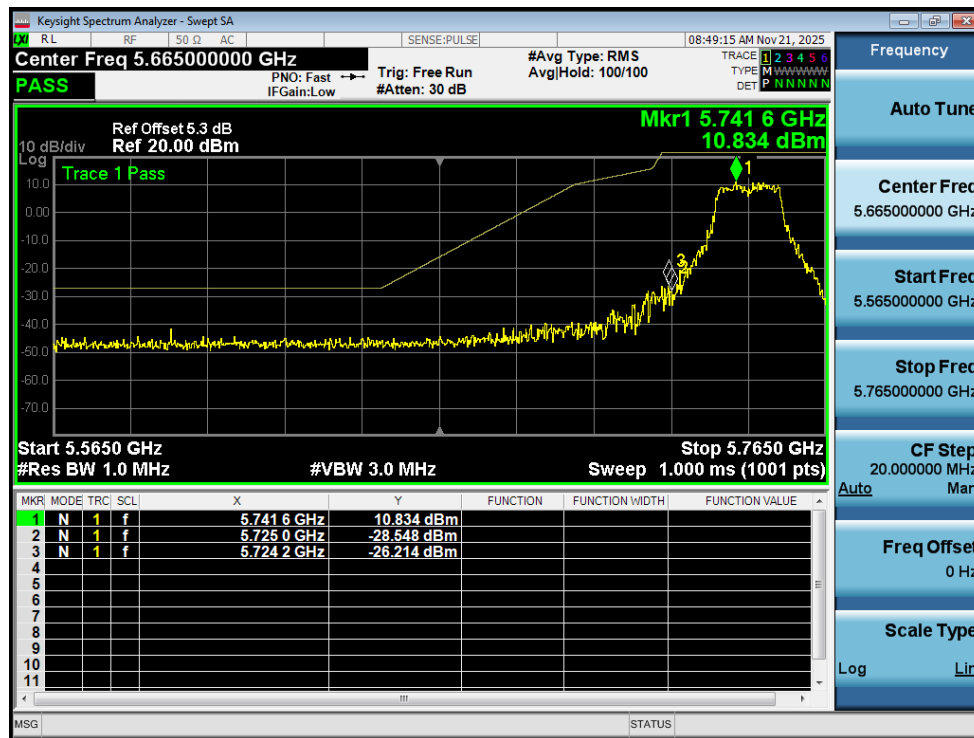
PSD NVNT n40 5755MHz Ant1



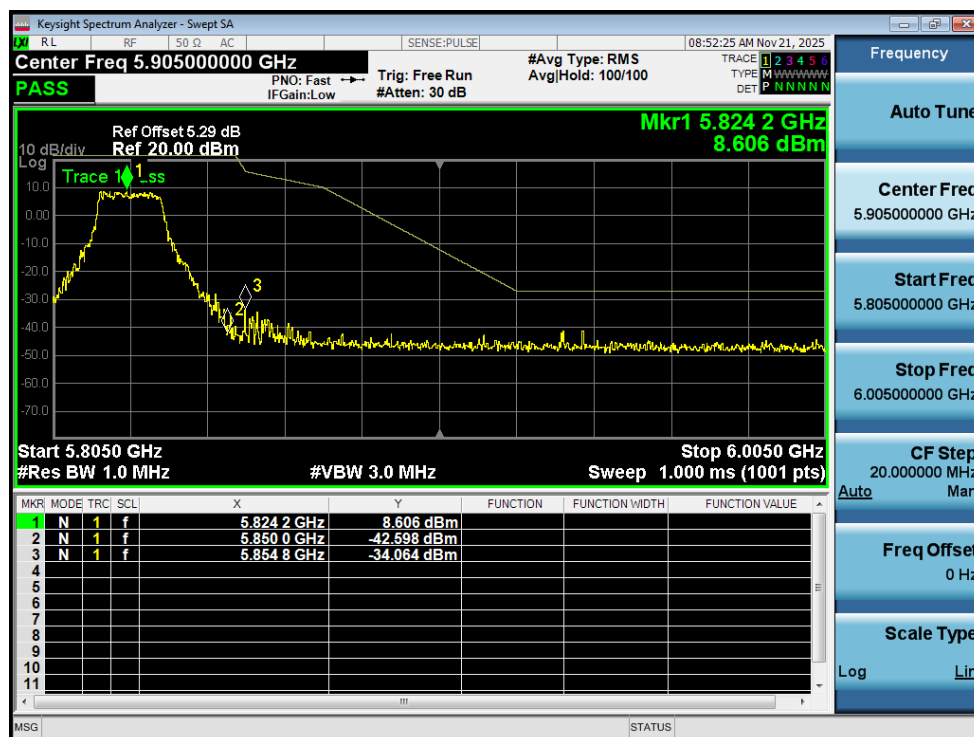
PSD NVNT n40 5795MHz Ant1

6. Band Edge

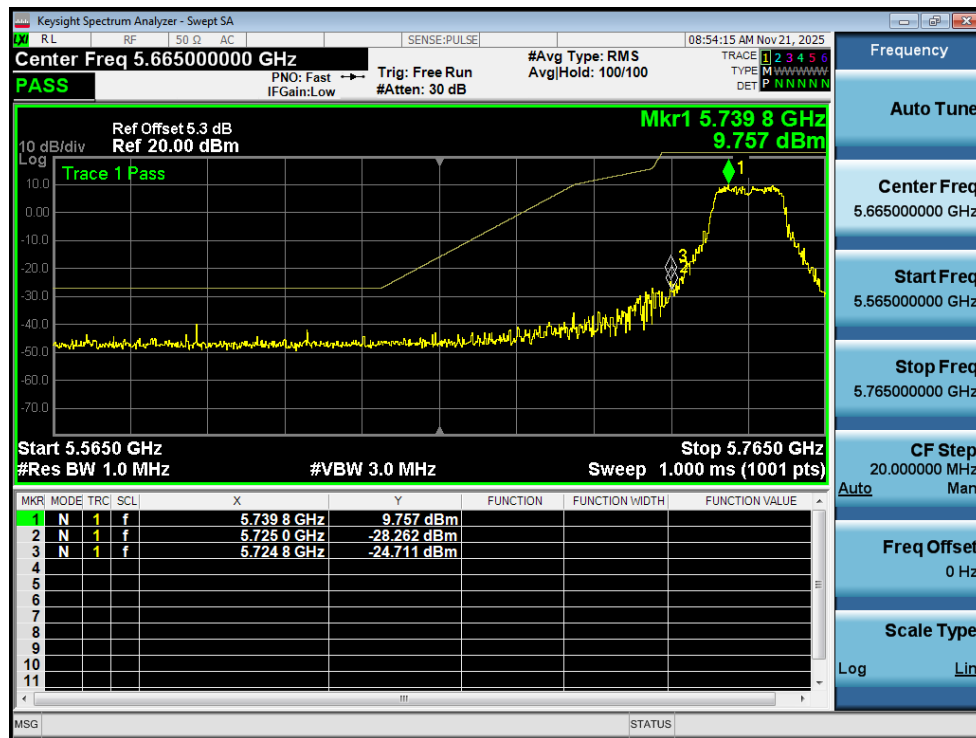
Condition	Mode	Frequency (MHz)	Antenna	Max Value (dBm)	Verdict
NVNT	a	5745	Ant1	-26.21	Pass
NVNT	a	5825	Ant1	-34.06	Pass
NVNT	n20	5745	Ant1	-24.71	Pass
NVNT	n20	5825	Ant1	-28.64	Pass
NVNT	n40	5755	Ant1	-24.43	Pass
NVNT	n40	5795	Ant1	-34.56	Pass



Band Edge NVNT a 5745MHz Low Ant1



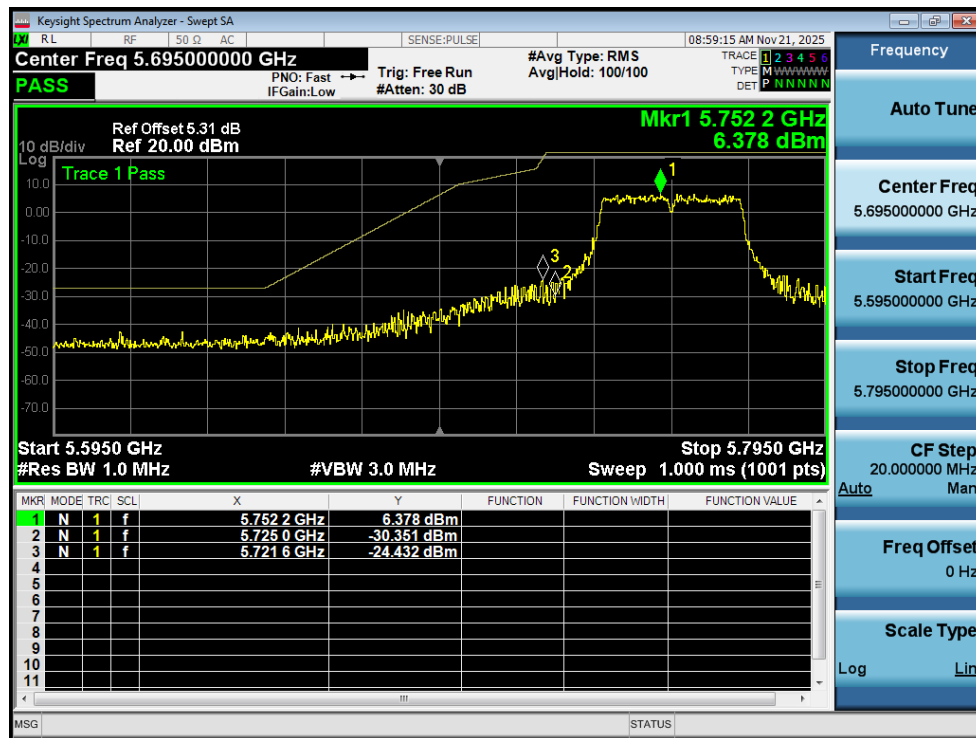
Band Edge NVNT a 5825MHz High Ant1



Band Edge NVNT n20 5745MHz Low Ant1



Band Edge NVNT n20 5825MHz High Ant1



Band Edge NVNT n40 5755MHz Low Ant1

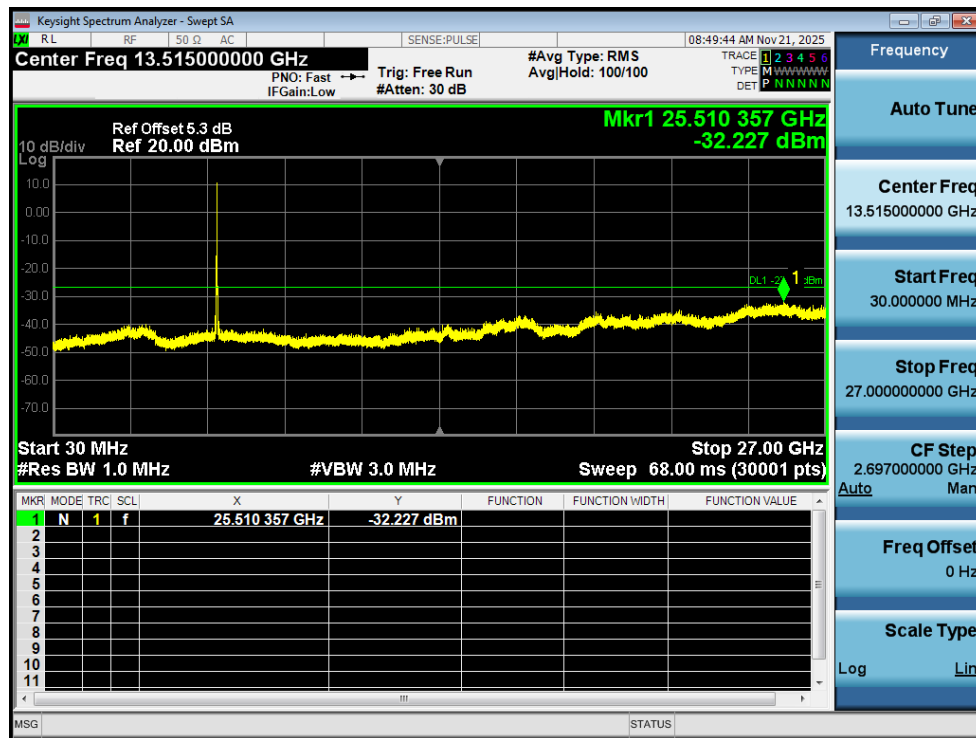


Band Edge NVNT n40 5795MHz High Ant1

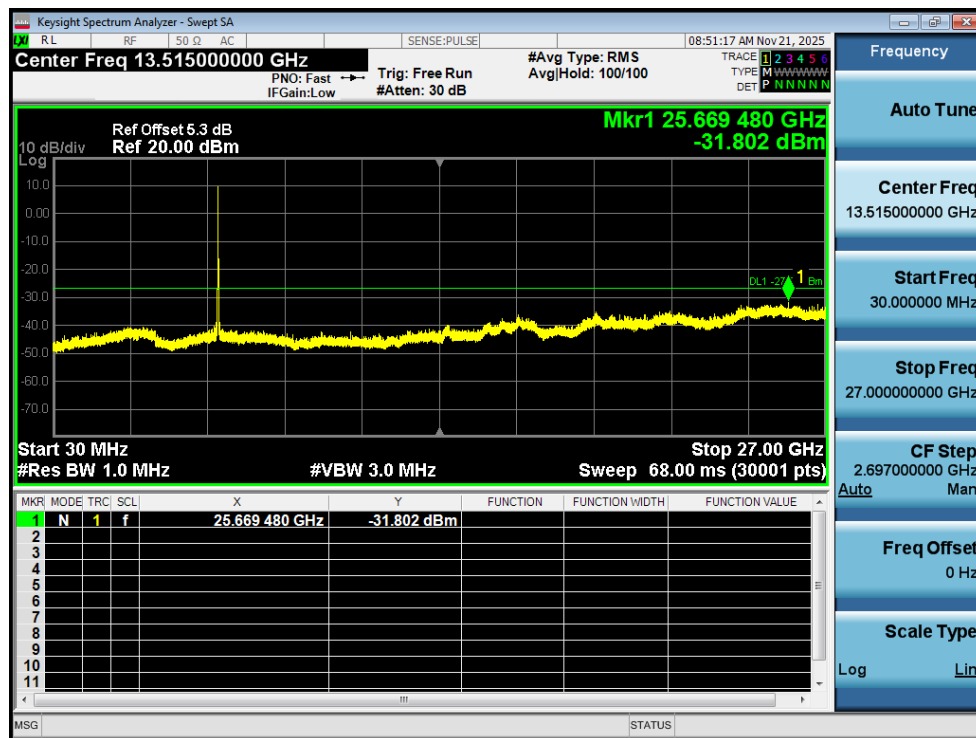
7. Conducted RF Spurious Emission

Condition	Mode	Frequency (MHz)	Antenna	Max Value (dBc)	Limit (dBc)	Verdict
NVNT	a	5745	Ant1	-32.22	-27	Pass
NVNT	a	5785	Ant1	-31.8	-27	Pass
NVNT	a	5825	Ant1	-31.87	-27	Pass
NVNT	n20	5745	Ant1	-31.9	-27	Pass
NVNT	n20	5785	Ant1	-32.55	-27	Pass
NVNT	n20	5825	Ant1	-31.85	-27	Pass
NVNT	n40	5755	Ant1	-32.04	-27	Pass
NVNT	n40	5795	Ant1	-32.02	-27	Pass

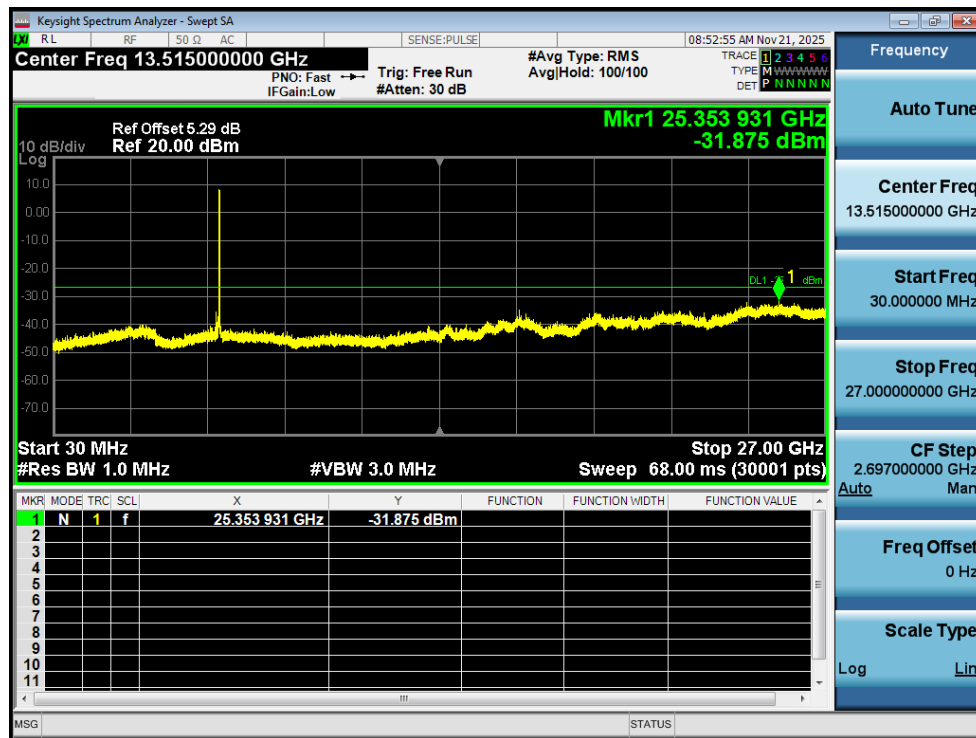
Note: Testing is carried out with frequency rang 30MHz to the 40GHz, above 27GHz not recorded for no spurious point have a margin of less than 6 dB with respect to the limits.



Tx. Spurious NVNT a 5745MHz Ant1 Emission



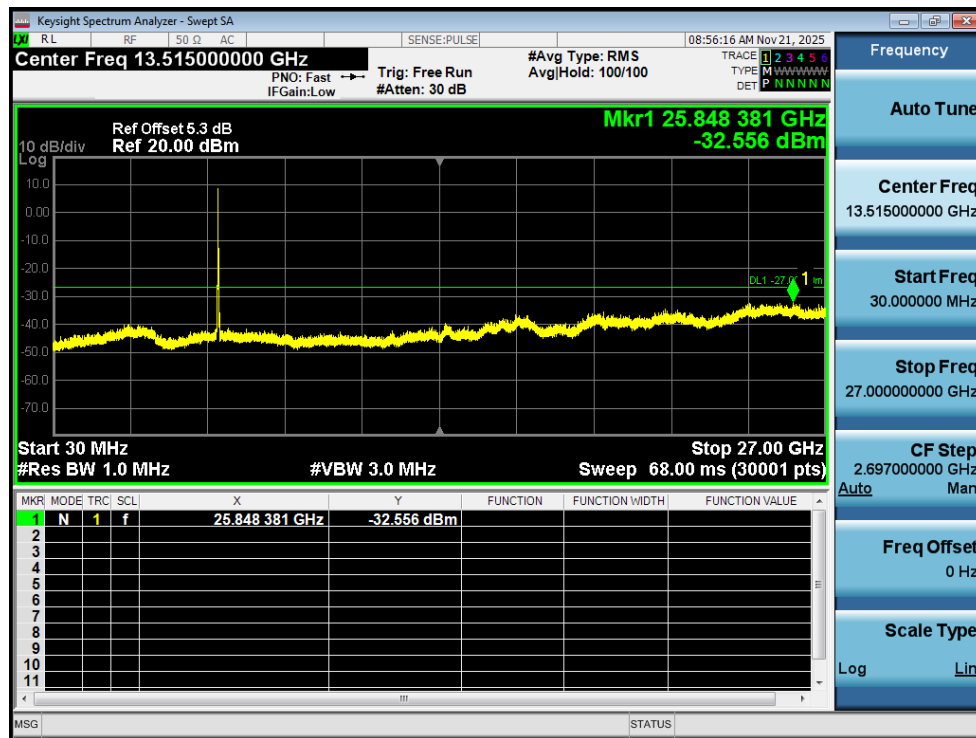
Tx. Spurious NVNT a 5785MHz Ant1 Emission



Tx. Spurious NVNT a 5825MHz Ant1 Emission



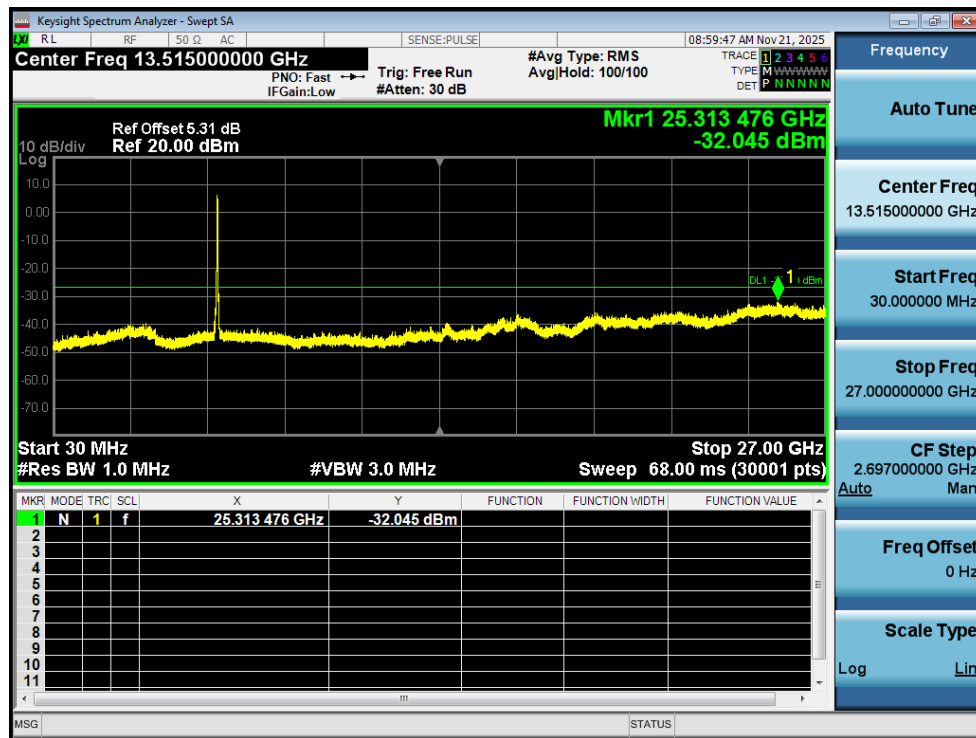
Tx. Spurious NVNT n20 5745MHz Ant1 Emission



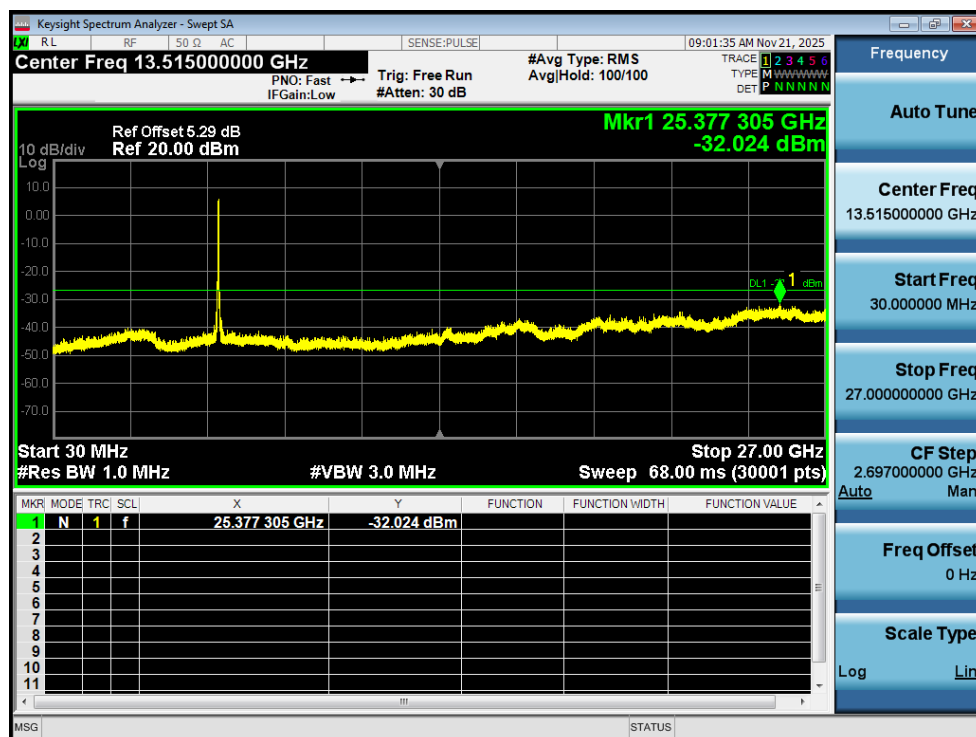
Tx. Spurious NVNT n20 5785MHz Ant1 Emission



Tx. Spurious NVNT n20 5825MHz Ant1 Emission



Tx. Spurious NVNT n40 5755MHz Ant1 Emission



Tx. Spurious NVNT n40 5795MHz Ant1 Emission