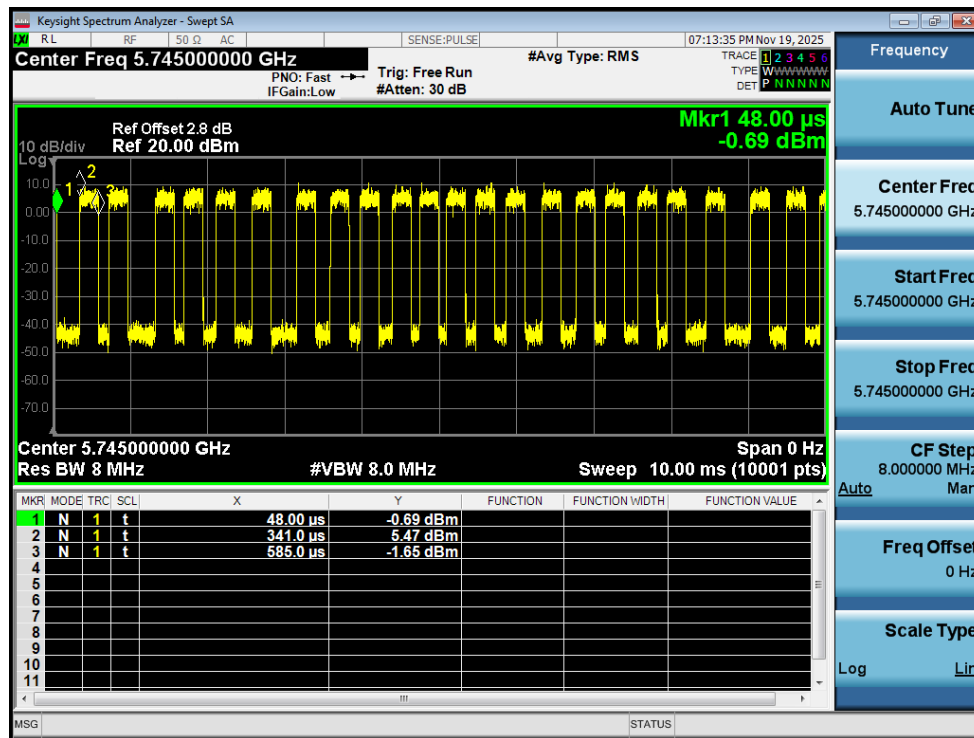


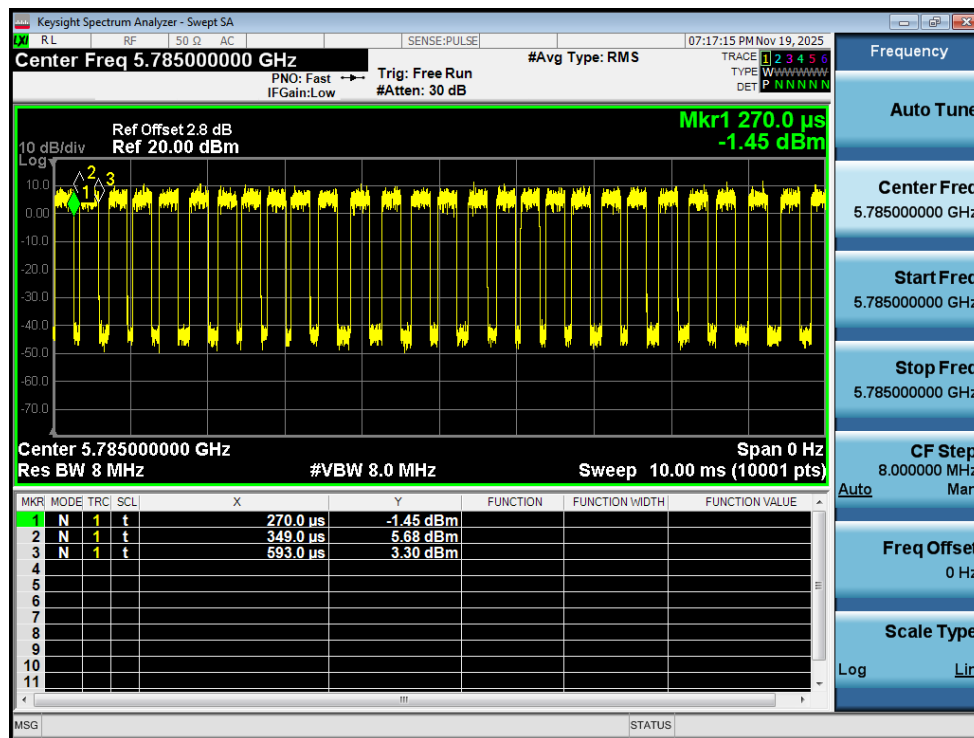
Test Data Appendix of Test Report

1. Duty Cycle

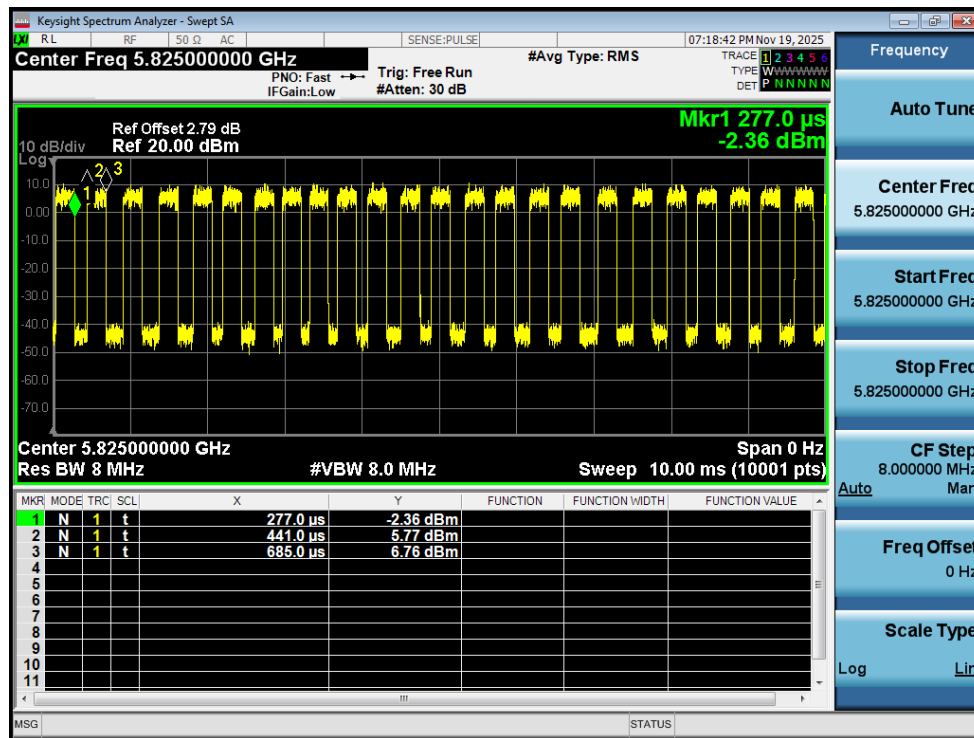
Condition	Mode	Frequency (MHz)	Antenna	Duty Cycle (%)	Correction Factor (dB)	1/T (kHz)
NVNT	a	5745	Ant1	45.44	3.43	4.1
NVNT	a	5785	Ant1	75.54	1.22	4.1
NVNT	a	5825	Ant1	59.8	2.23	4.1
NVNT	n20	5745	Ant1	55.17	2.58	4.46
NVNT	n20	5785	Ant1	55.17	2.58	4.46
NVNT	n20	5825	Ant1	53.98	2.68	4.46
NVNT	n40	5755	Ant1	27.29	5.64	7.81
NVNT	n40	5795	Ant1	42.16	3.75	7.75
NVNT	ac20	5745	Ant1	45.37	3.43	5.1
NVNT	ac20	5785	Ant1	64.38	1.91	5.08
NVNT	ac20	5825	Ant1	64.17	1.93	5.08
NVNT	ac40	5755	Ant1	31.4	5.03	9.26
NVNT	ac40	5795	Ant1	38.11	4.19	9.17
NVNT	ax20	5745	Ant1	53.99	2.68	7.04
NVNT	ax20	5785	Ant1	40.4	3.94	6.99
NVNT	ax20	5825	Ant1	46.28	3.35	6.99
NVNT	ax40	5755	Ant1	58.96	2.29	9.8
NVNT	ax40	5795	Ant1	36.96	4.32	9.8



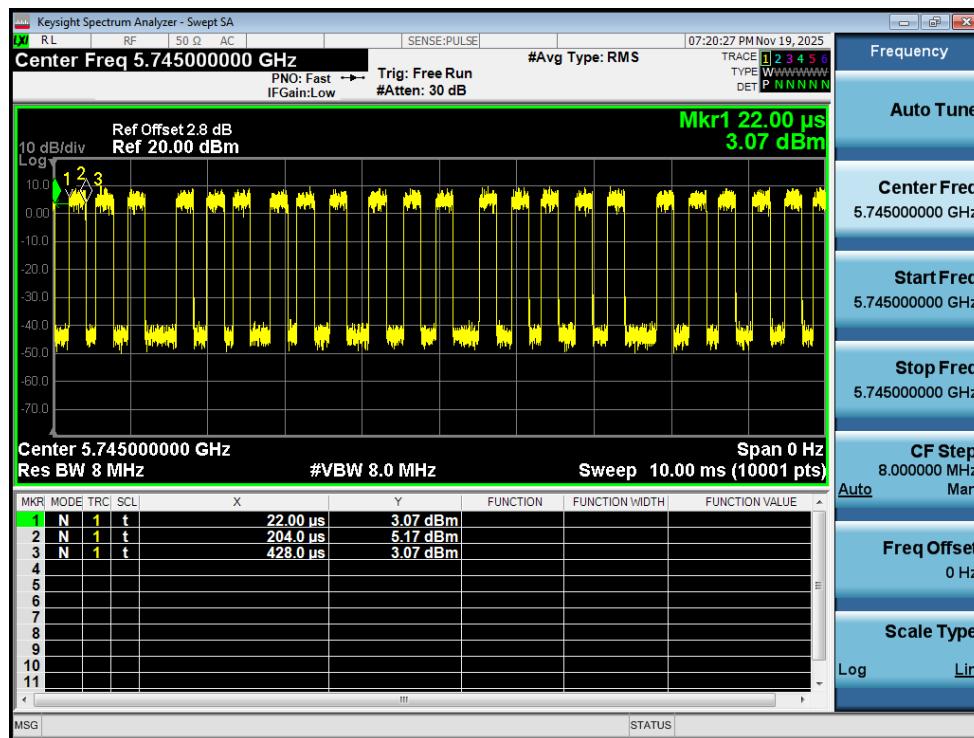
Duty Cycle NVNT a 5745MHz Ant1



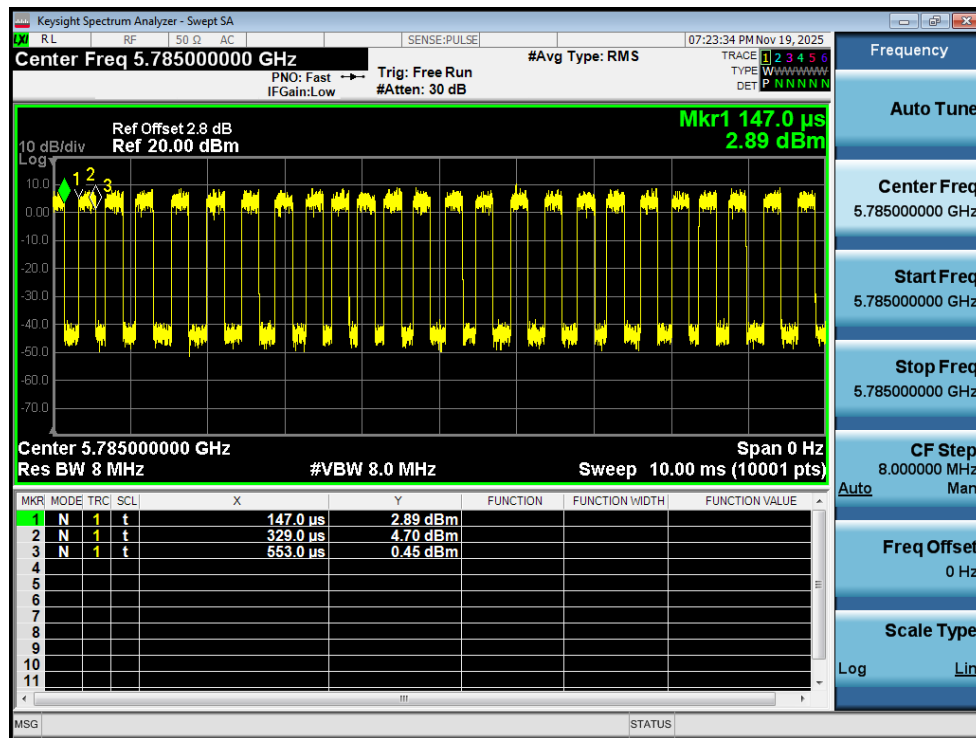
Duty Cycle NVNT a 5785MHz Ant1



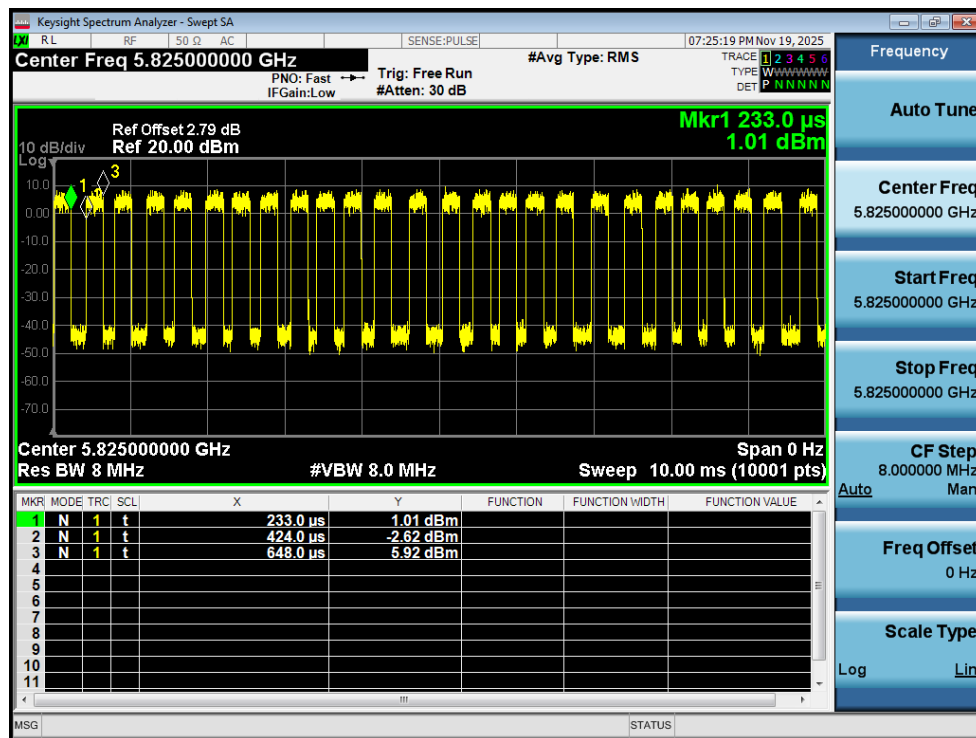
Duty Cycle NVNT a 5825MHz Ant1



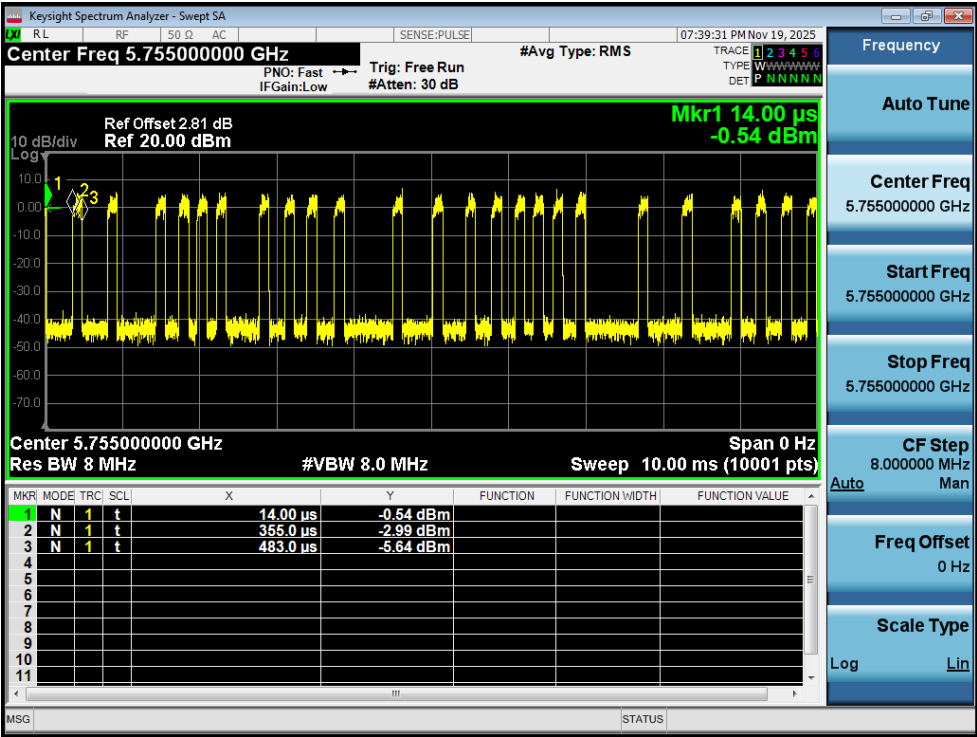
Duty Cycle NVNT n20 5745MHz Ant1



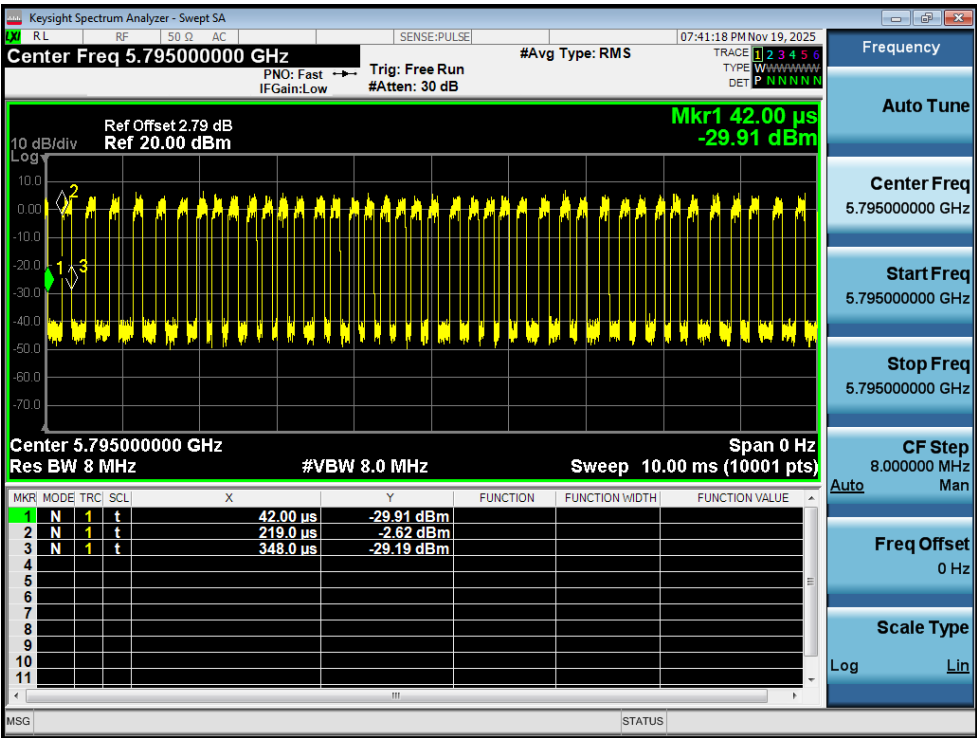
Duty Cycle NVNT n20 5785MHz Ant1



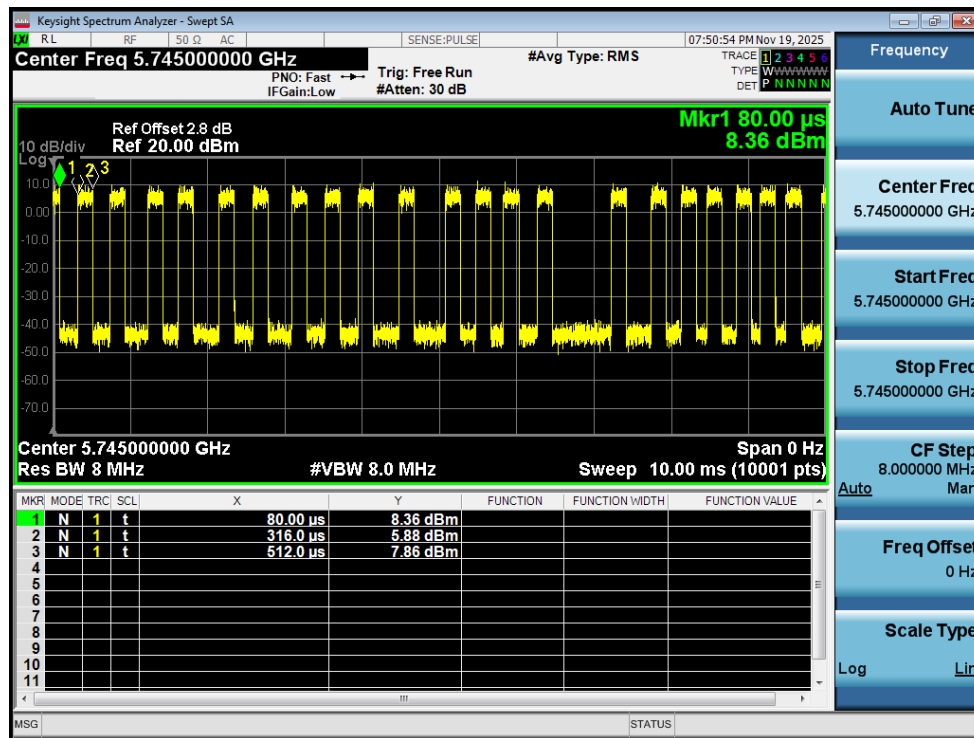
Duty Cycle NVNT n20 5825MHz Ant1



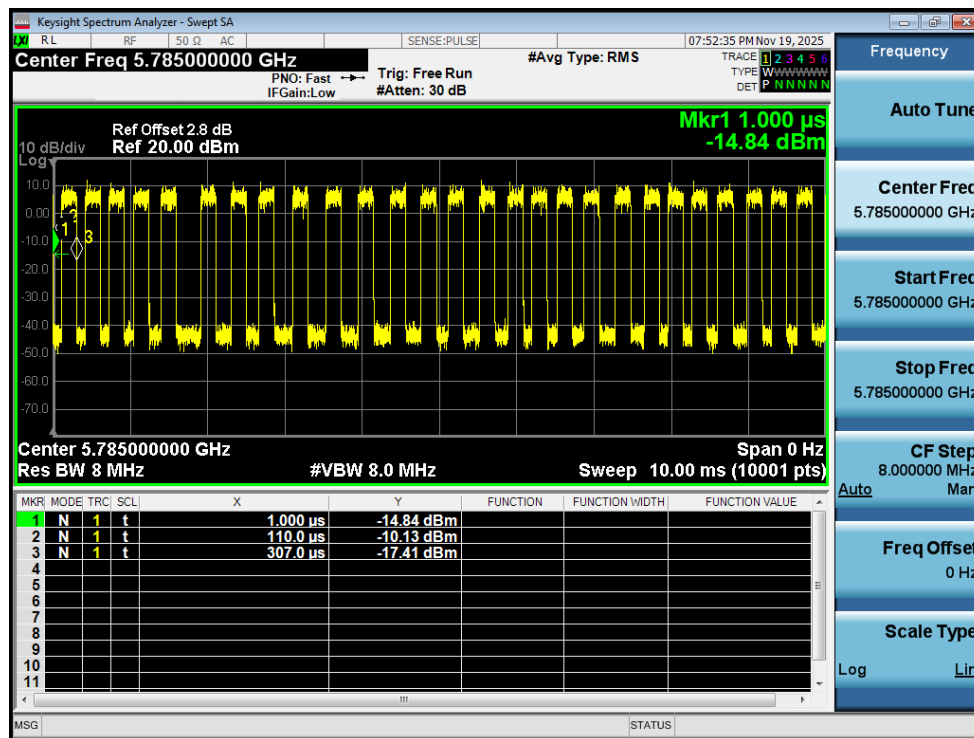
Duty Cycle NVNT n40 5755MHz Ant1



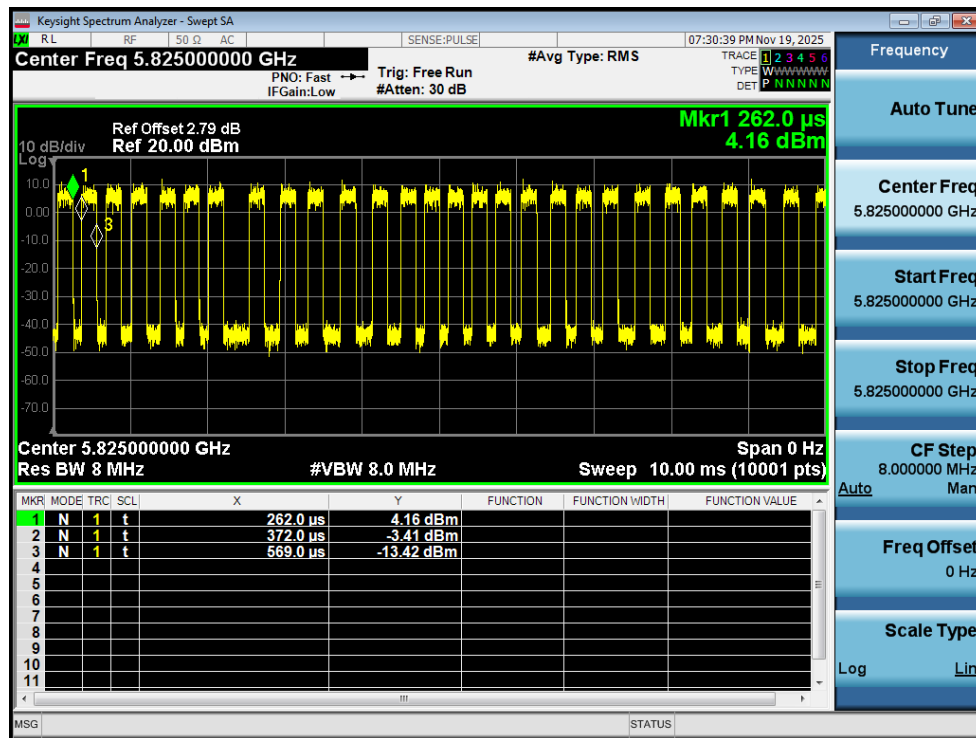
Duty Cycle NVNT n40 5795MHz Ant1



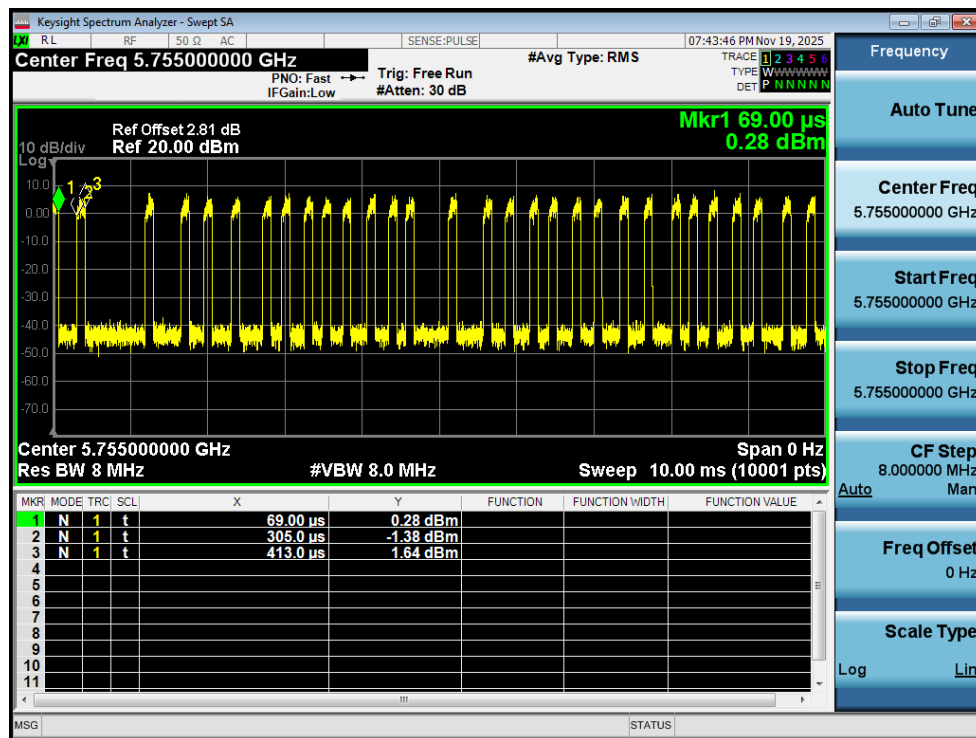
Duty Cycle NVNT ac20 5745MHz Ant1



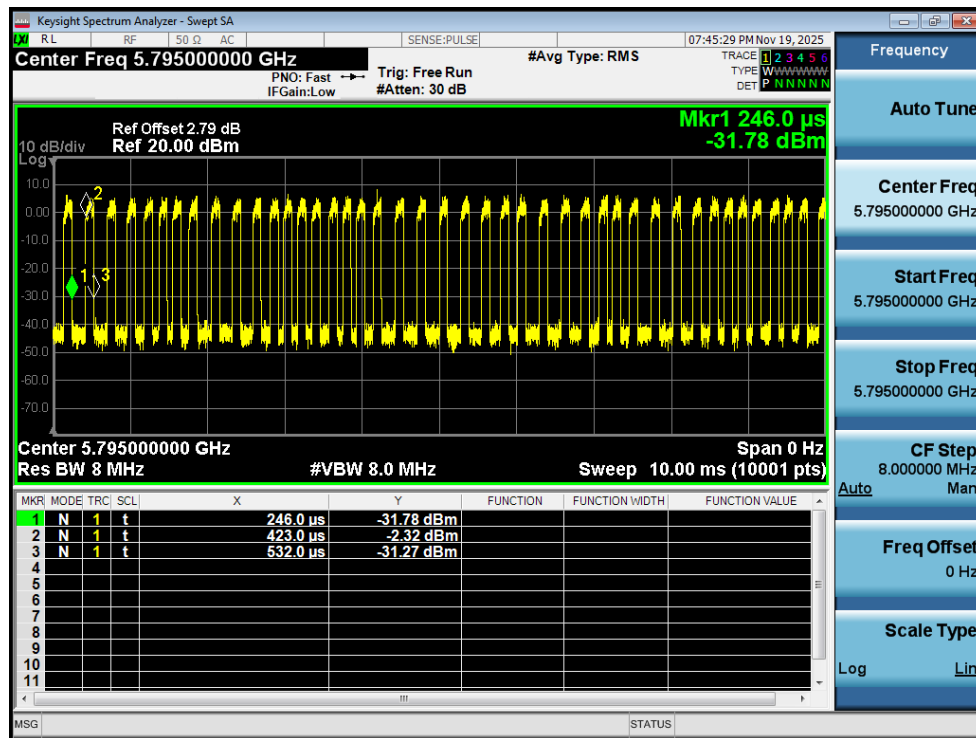
Duty Cycle NVNT ac20 5785MHz Ant1



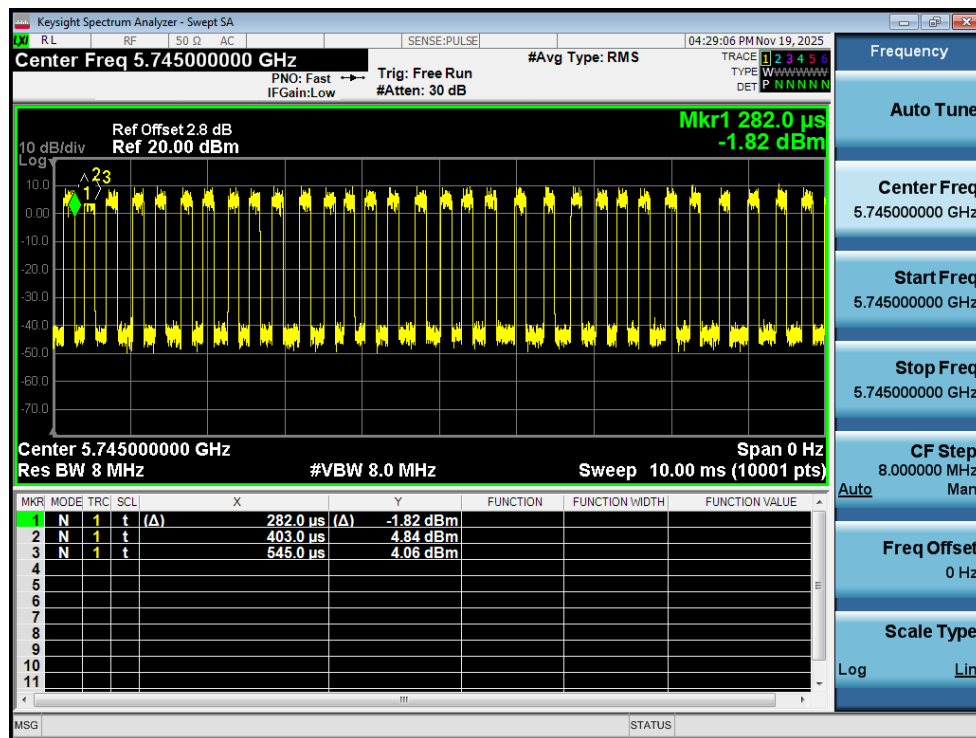
Duty Cycle NVNT ac20 5825MHz Ant1



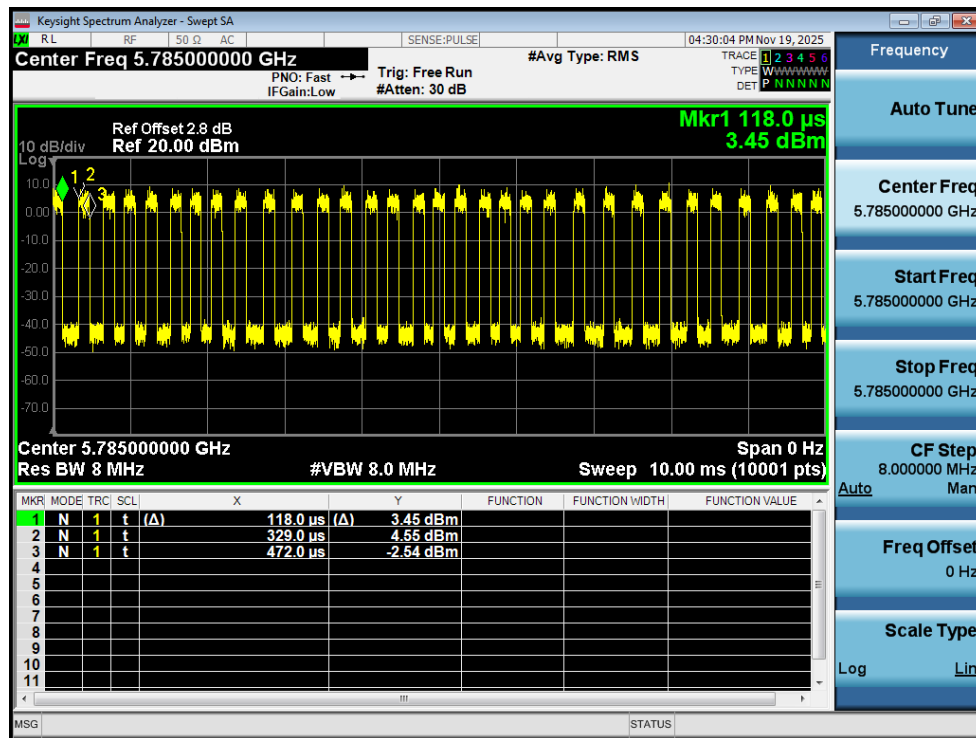
Duty Cycle NVNT ac40 5755MHz Ant1



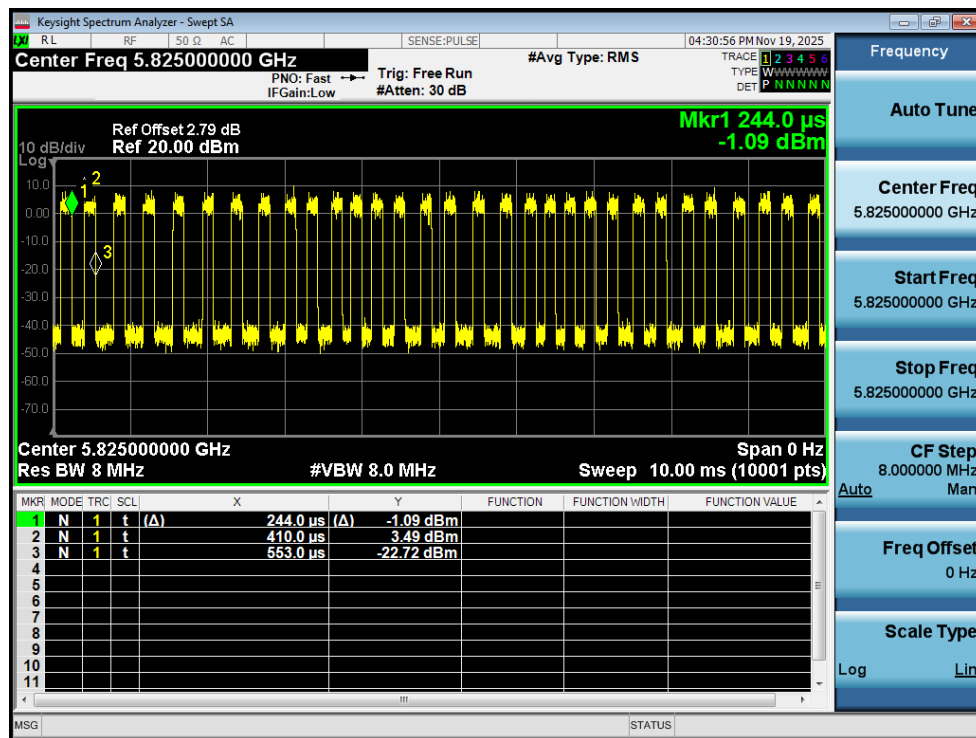
Duty Cycle NVNT ac40 5795MHz Ant1



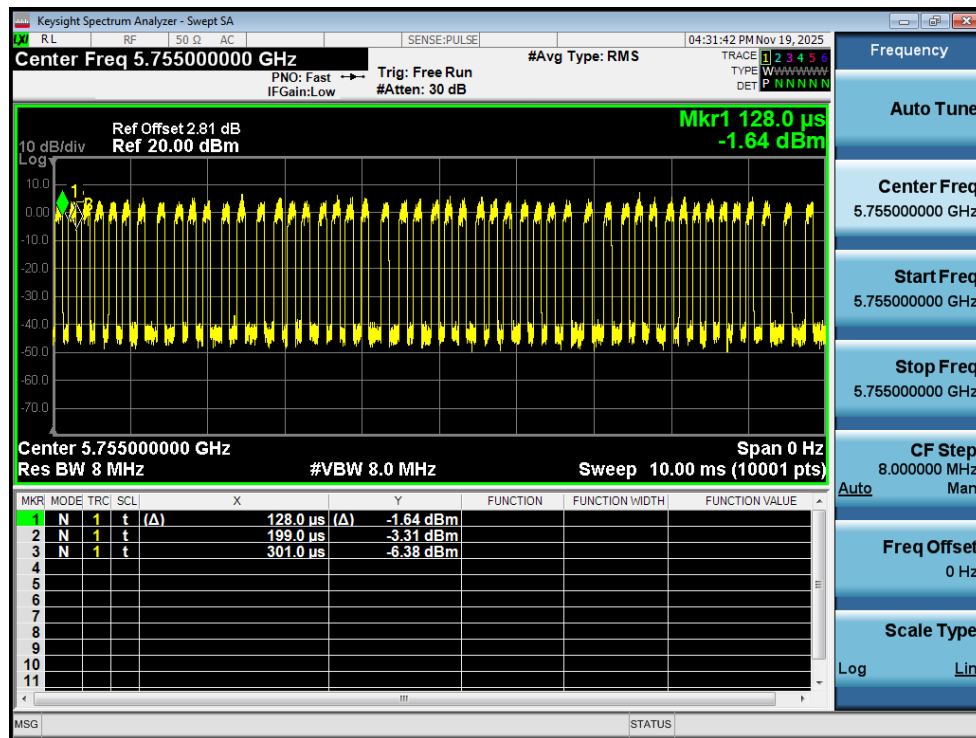
Duty Cycle NVNT ax20 5745MHz Ant1



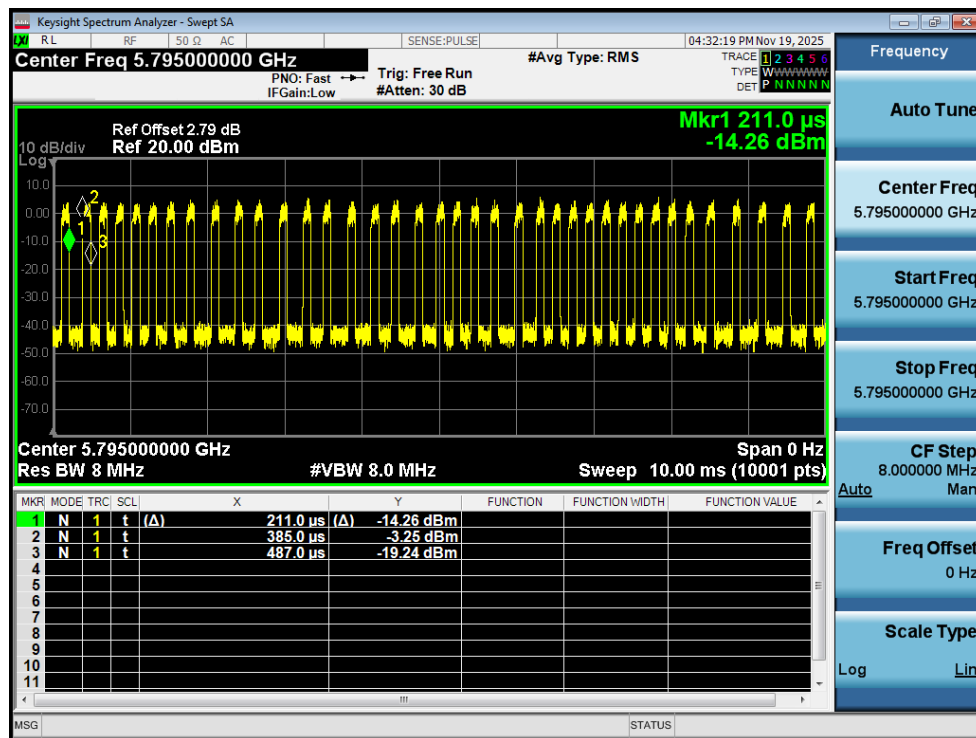
Duty Cycle NVNT ax20 5785MHz Ant1



Duty Cycle NVNT ax20 5825MHz Ant1



Duty Cycle NVNT ax40 5755MHz Ant1

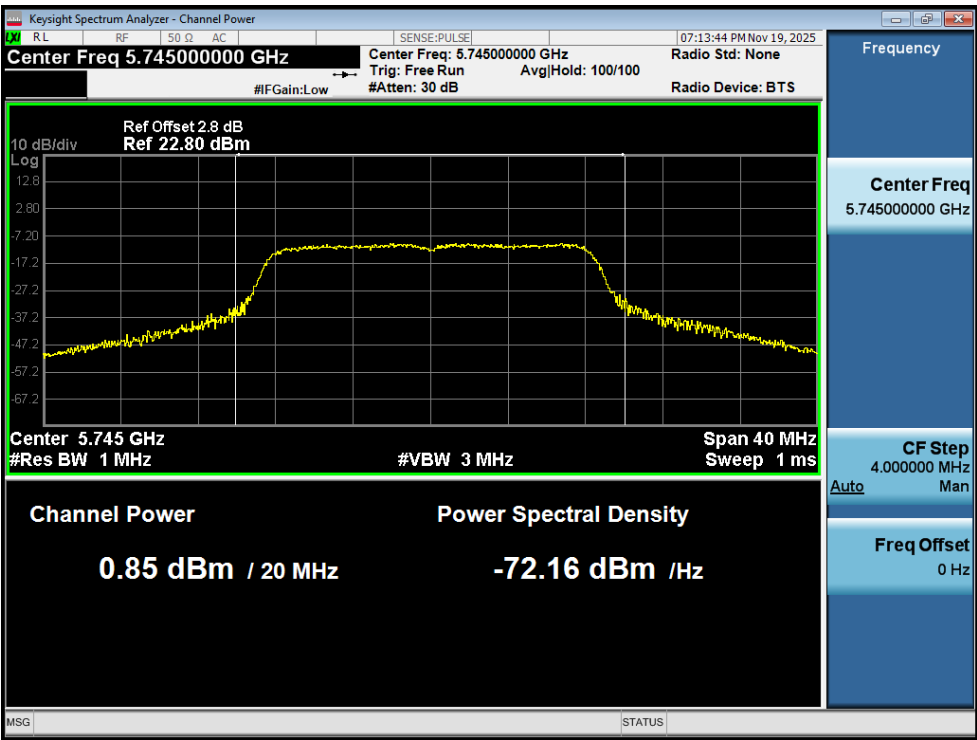


Duty Cycle NVNT ax40 5795MHz Ant1

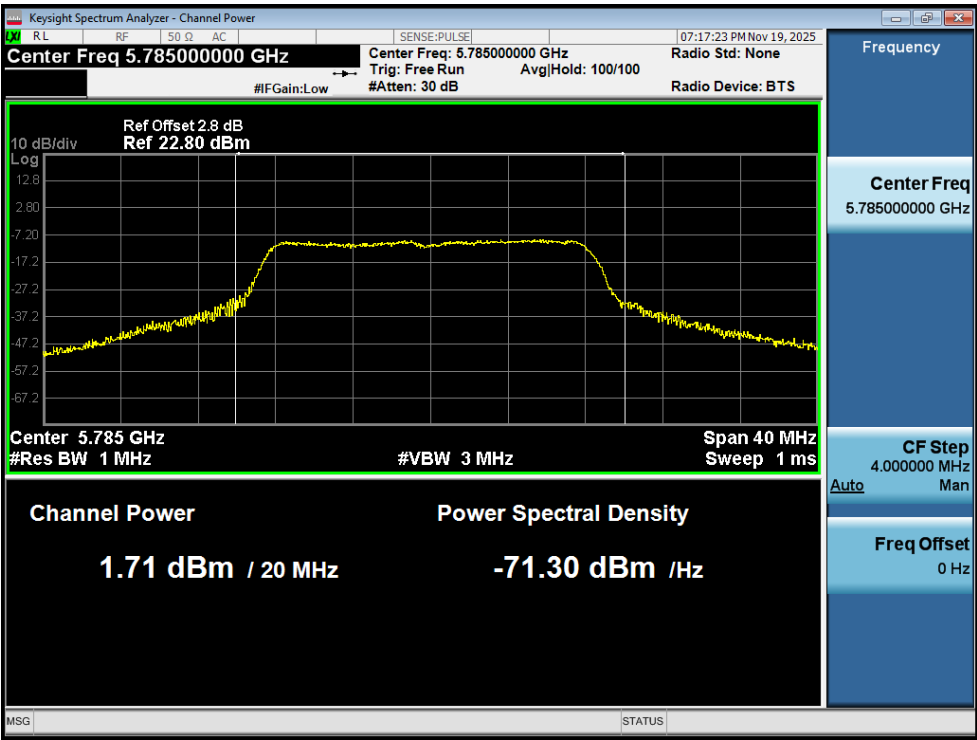
2. Maximum Conducted Output Power

Condition	Mode	Frequency (MHz)	Antenna	Conducted Power (dBm)	Duty Factor (dB)	Total Power (dBm)	Limit (dBm)	Verdict
NVNT	a	5745	Ant1	0.85	3.43	4.28	30	Pass
NVNT	a	5785	Ant1	1.71	1.22	2.93	30	Pass
NVNT	a	5825	Ant1	1.87	2.23	4.1	30	Pass
NVNT	n20	5745	Ant1	0.49	2.58	3.07	30	Pass
NVNT	n20	5785	Ant1	0.81	2.58	3.39	30	Pass
NVNT	n20	5825	Ant1	0.81	2.68	3.49	30	Pass
NVNT	n40	5755	Ant1	-1.47	5.64	4.17	30	Pass
NVNT	n40	5795	Ant1	0.8	3.75	4.55	30	Pass
NVNT	ac20	5745	Ant1	0.93	3.43	4.36	30	Pass
NVNT	ac20	5785	Ant1	2.17	1.91	4.08	30	Pass
NVNT	ac20	5825	Ant1	2.06	1.93	3.99	30	Pass
NVNT	ac40	5755	Ant1	-0.58	5.03	4.45	30	Pass
NVNT	ac40	5795	Ant1	1.11	4.19	5.3	30	Pass
NVNT	ax20	5745	Ant1	0.9	2.68	3.58	30	Pass
NVNT	ax20	5785	Ant1	-0.43	3.94	3.51	30	Pass
NVNT	ax20	5825	Ant1	-1.45	3.35	1.9	30	Pass
NVNT	ax40	5755	Ant1	0	2.29	2.29	30	Pass
NVNT	ax40	5795	Ant1	-1.55	4.32	2.77	30	Pass

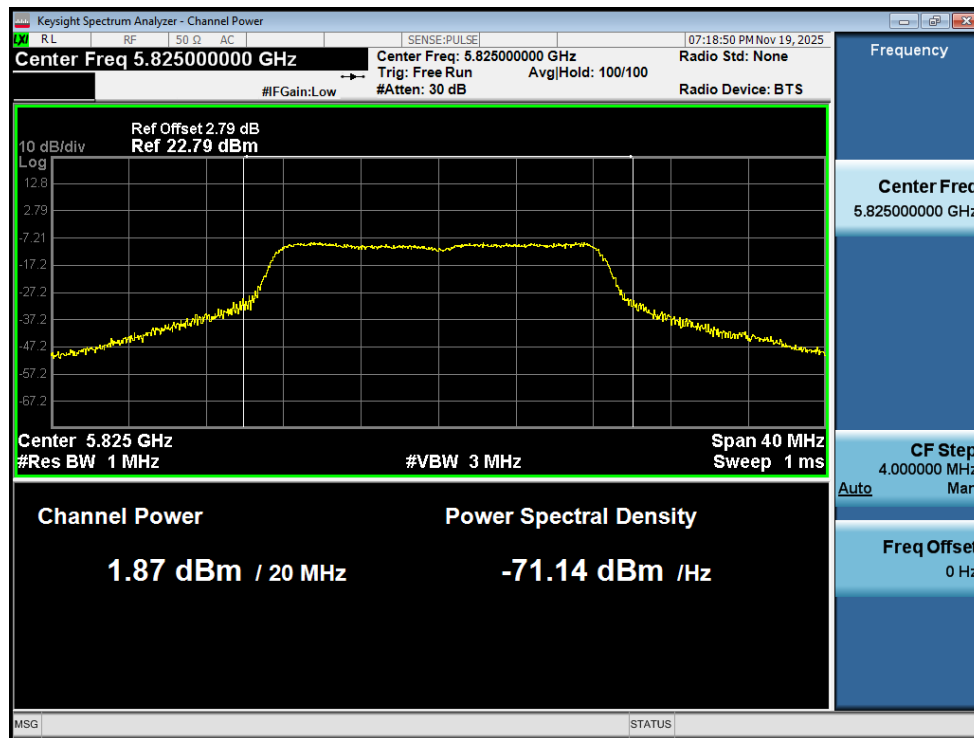
Note: Total power=Conducted power + Duty factor



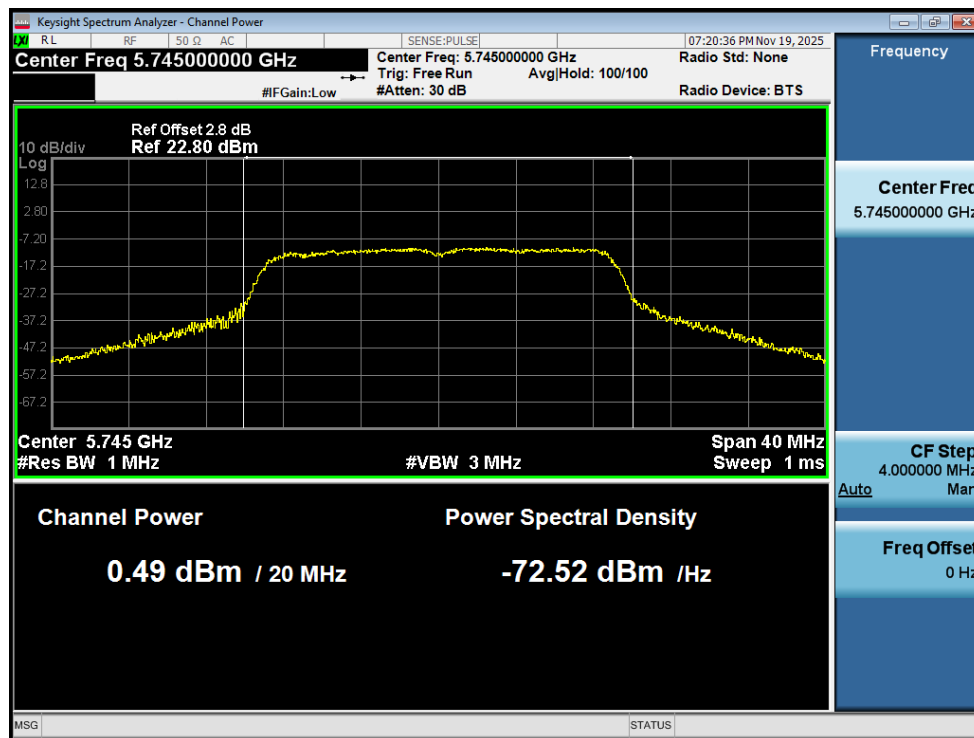
Power NVNT a 5745MHz Ant1



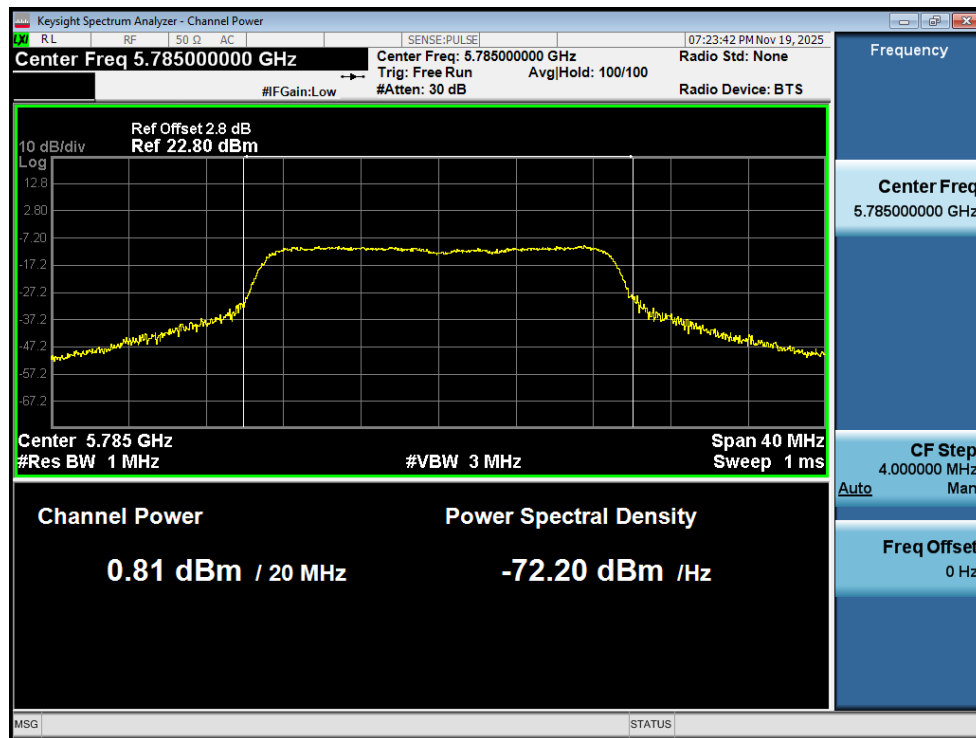
Power NVNT a 5785MHz Ant1



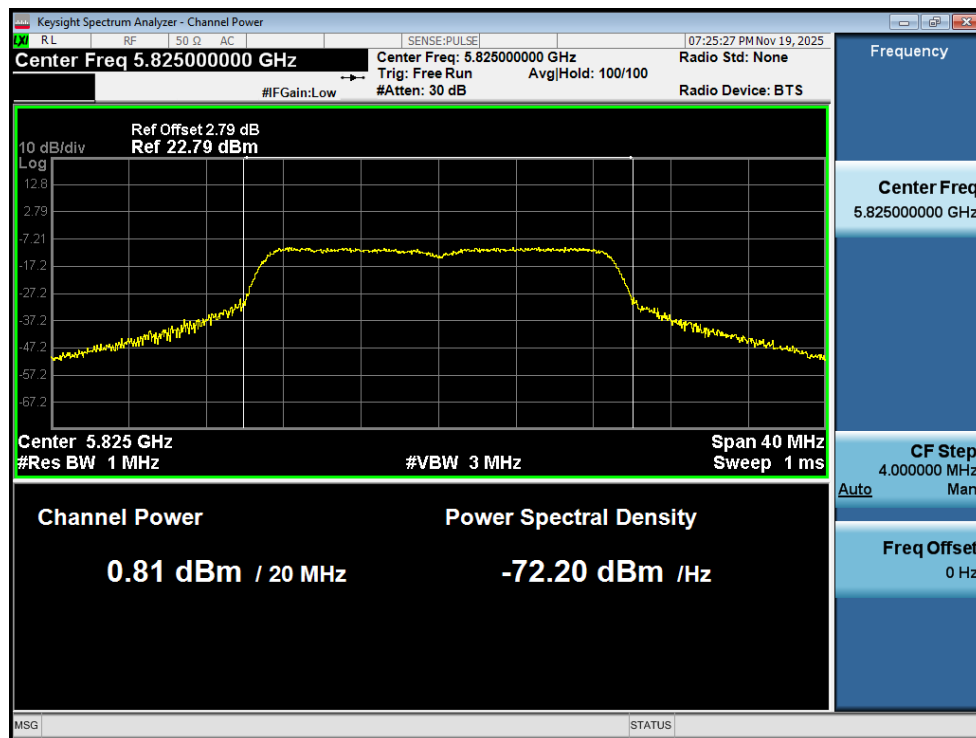
Power NVNT a 5825MHz Ant1



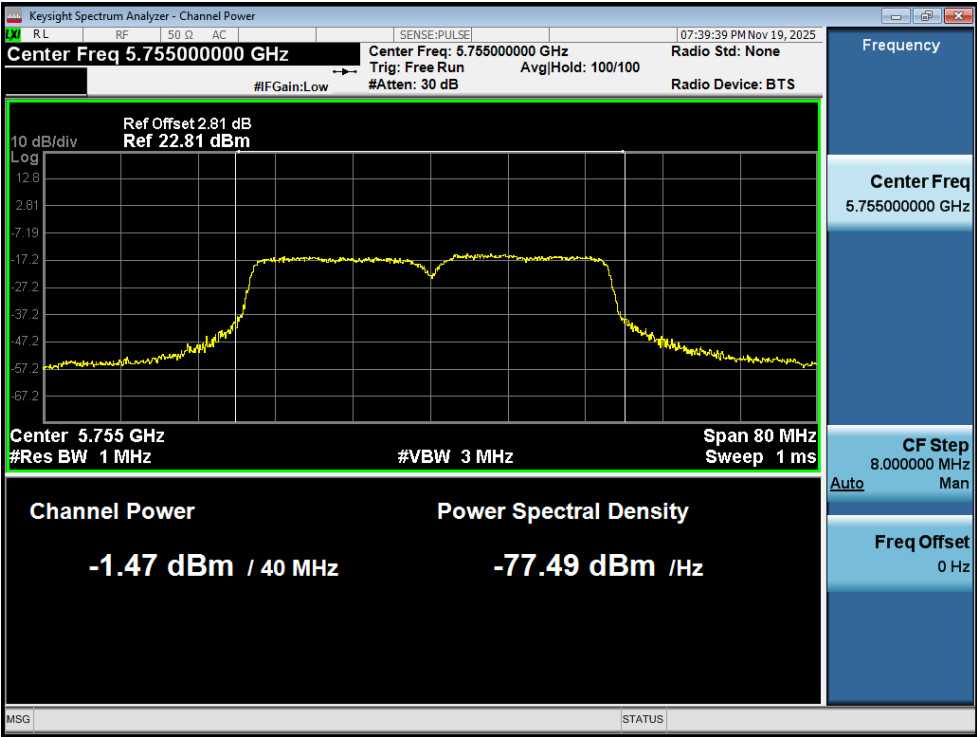
Power NVNT n20 5745MHz Ant1



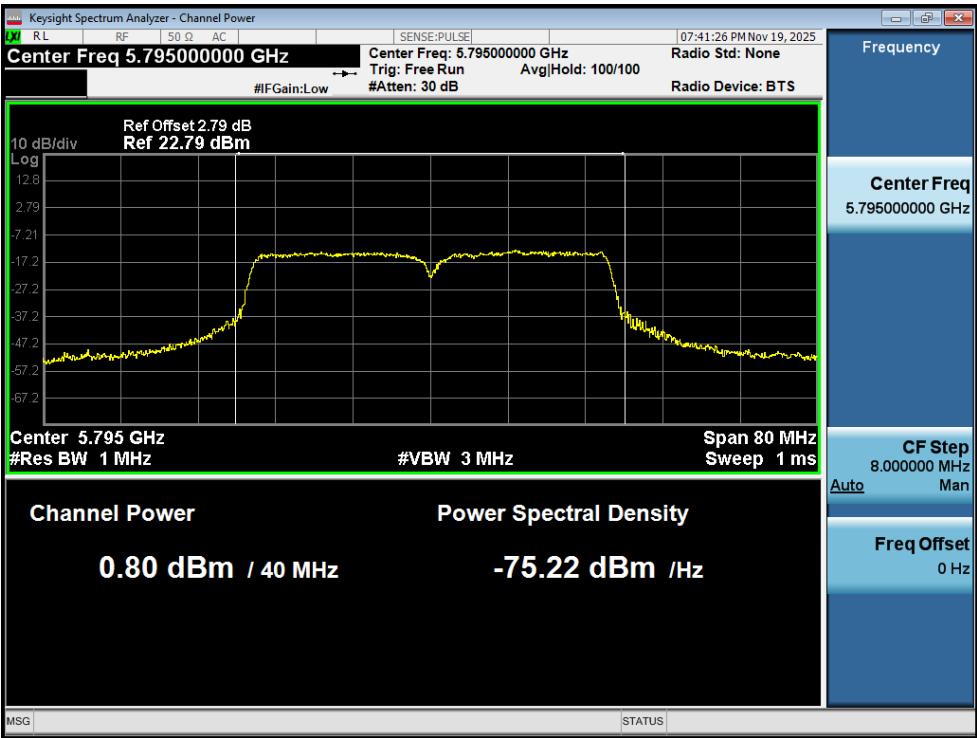
Power NVNT n20 5785MHz Ant1



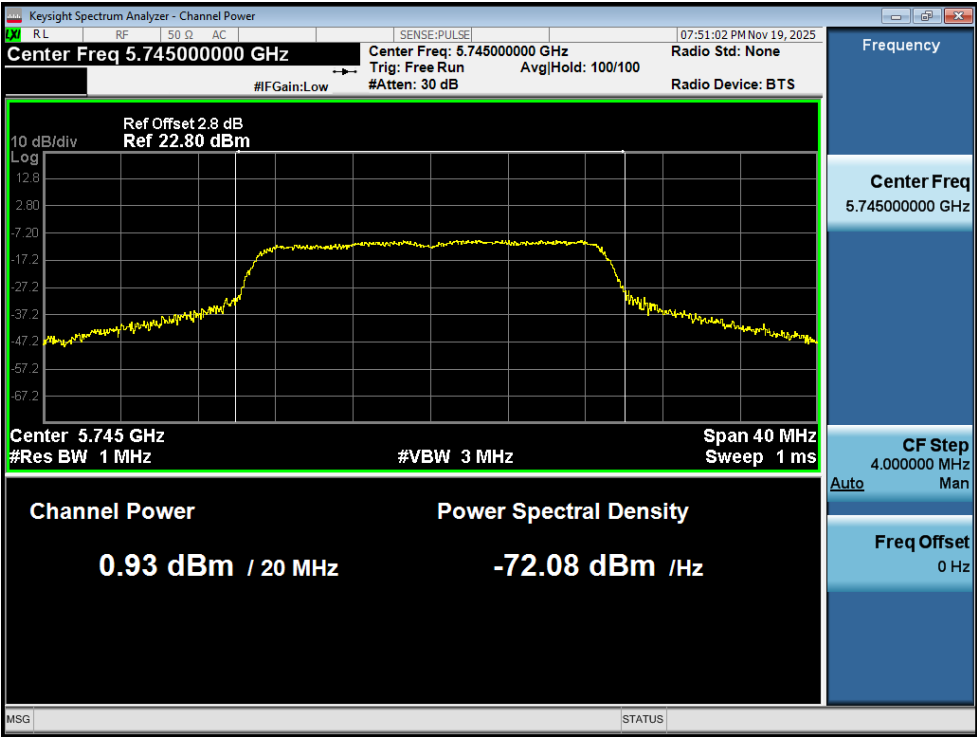
Power NVNT n20 5825MHz Ant1



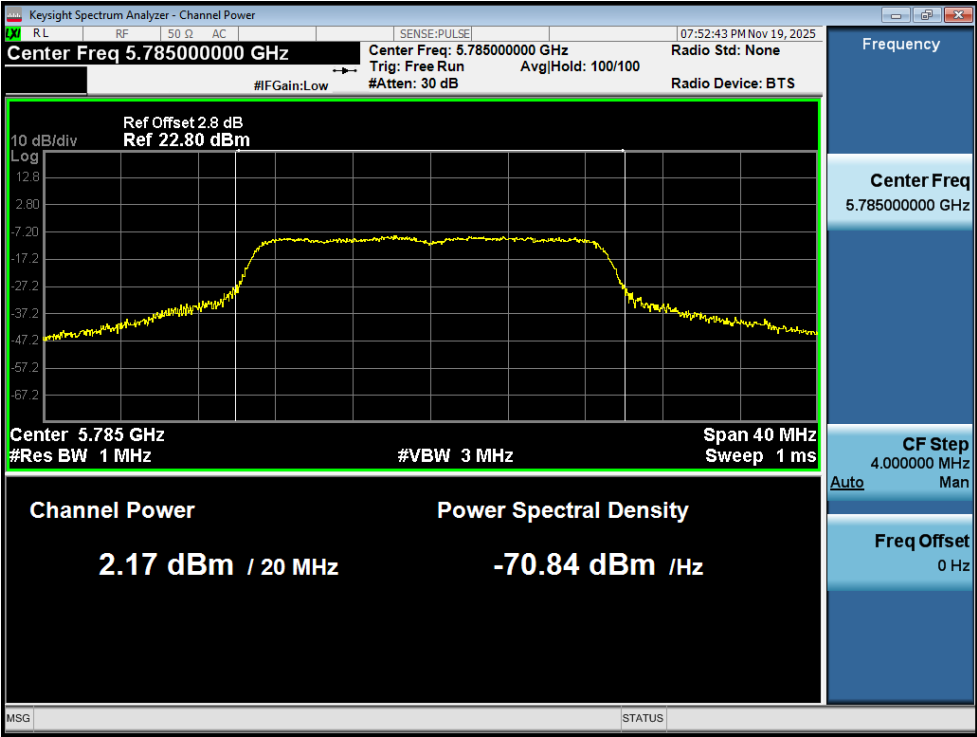
Power NVNT n40 5755MHz Ant1



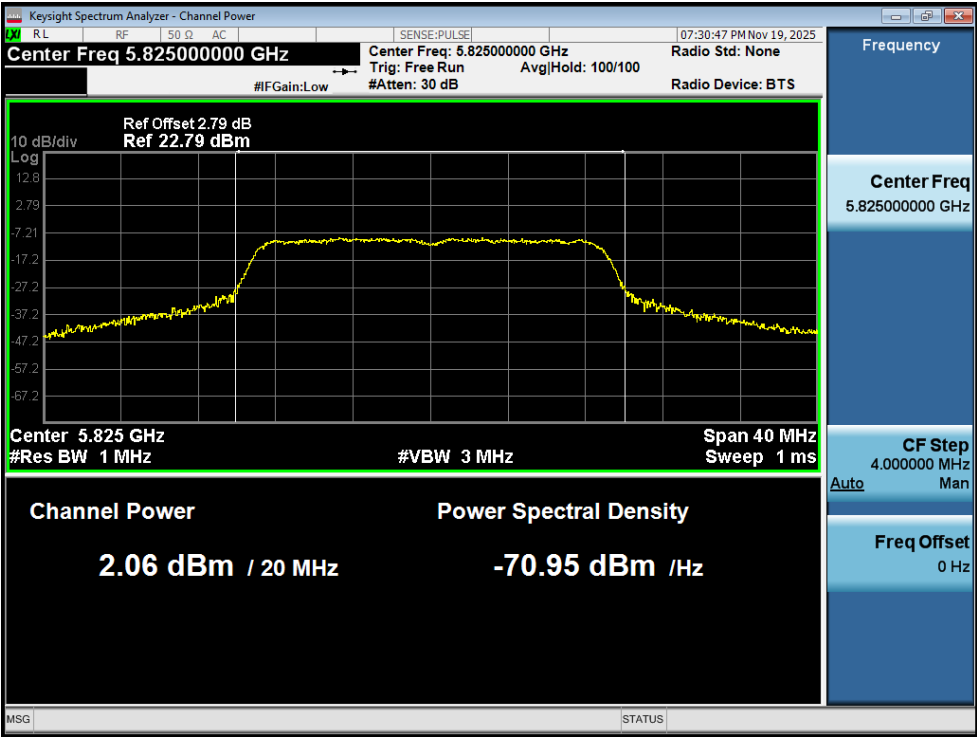
Power NVNT n40 5795MHz Ant1



Power NVNT ac20 5745MHz Ant1



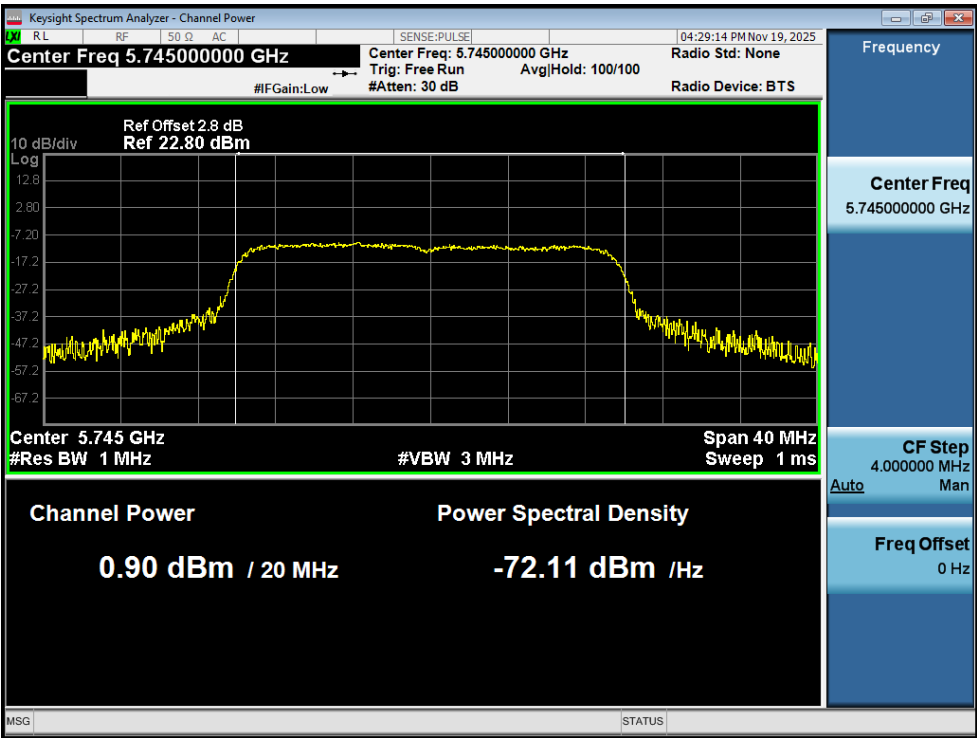
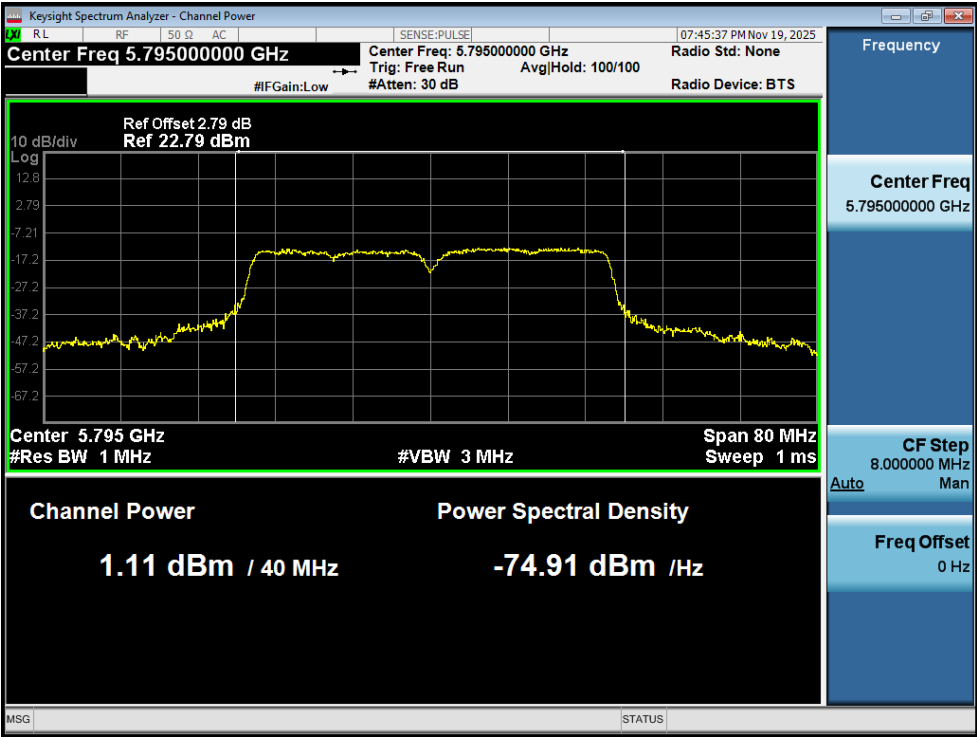
Power NVNT ac20 5785MHz Ant1

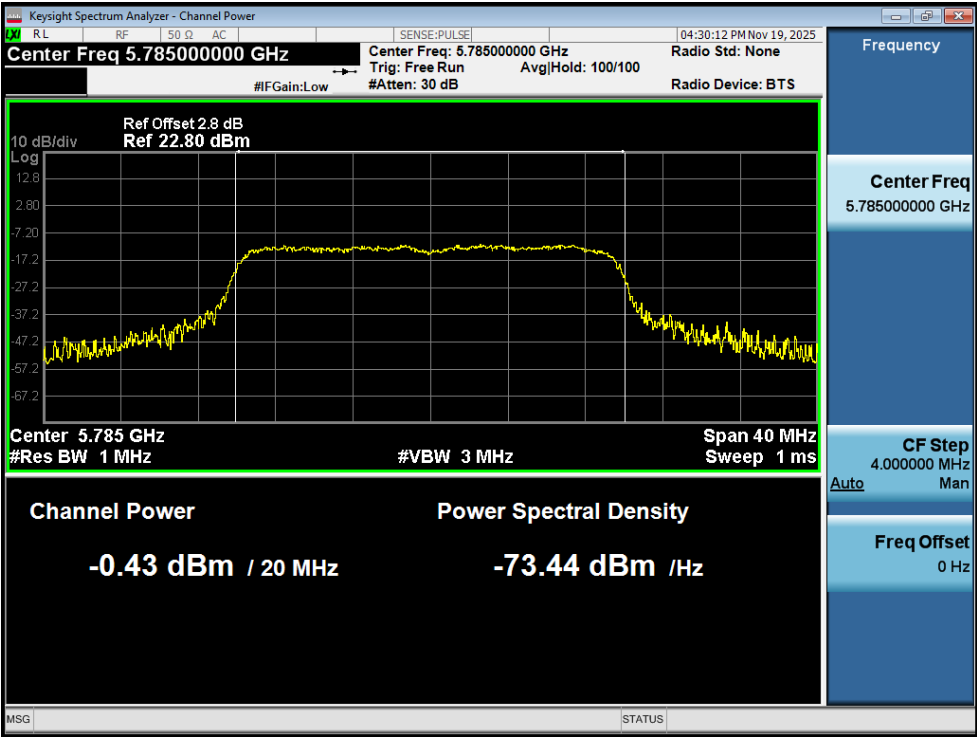


Power NVNT ac20 5825MHz Ant1

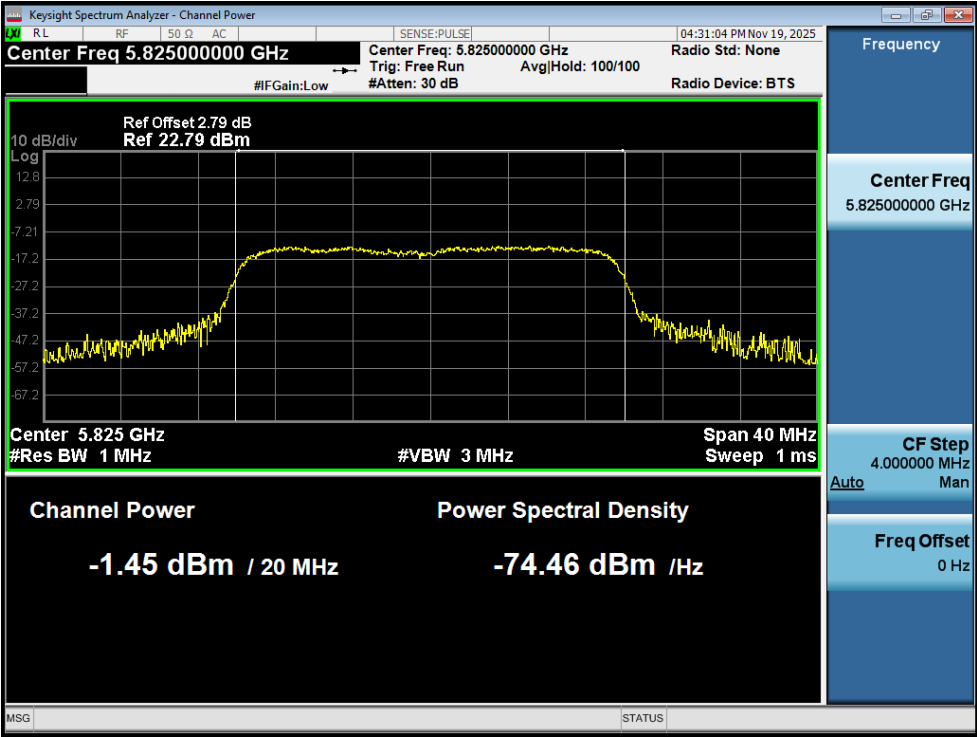


Power NVNT ac40 5755MHz Ant1

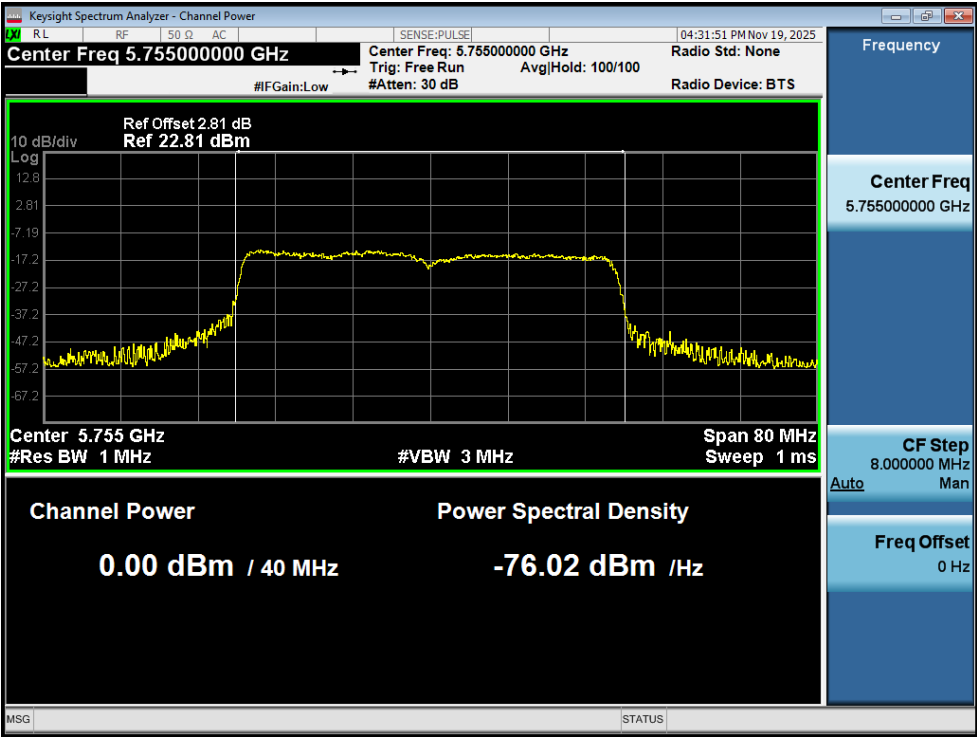




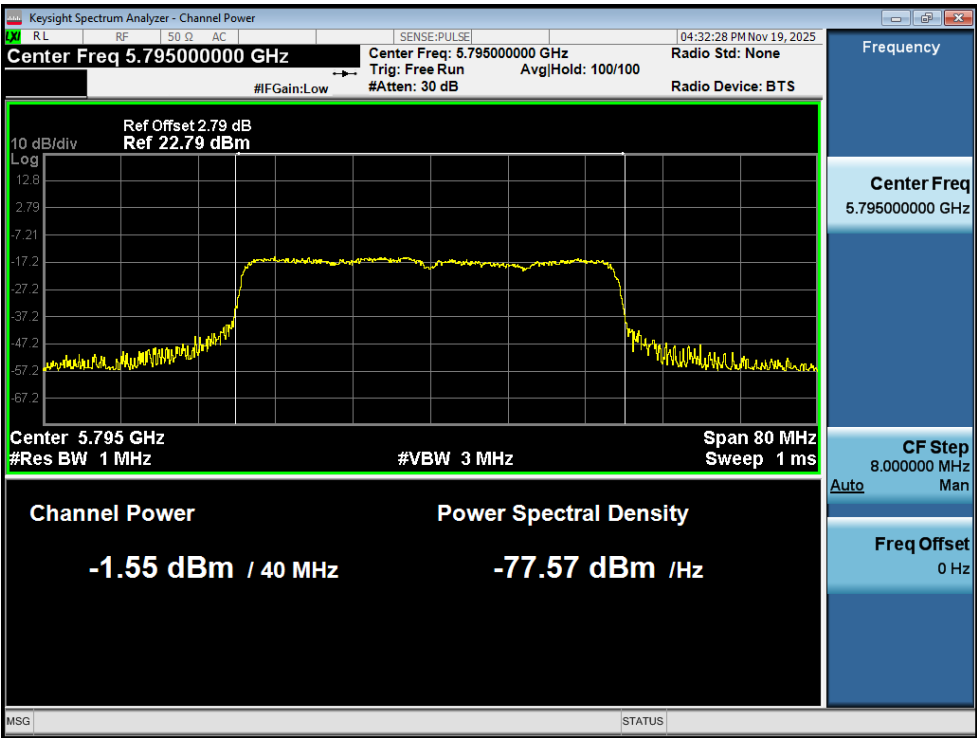
Power NVNT ax20 5785MHz Ant1



Power NVNT ax20 5825MHz Ant1



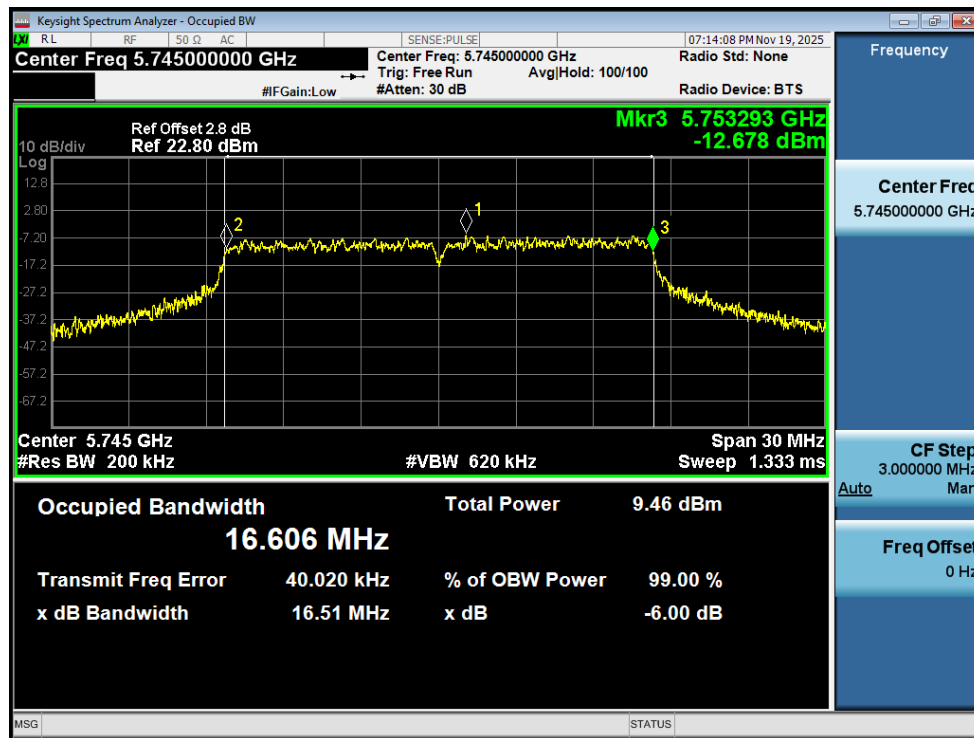
Power NVNT ax40 5755MHz Ant1



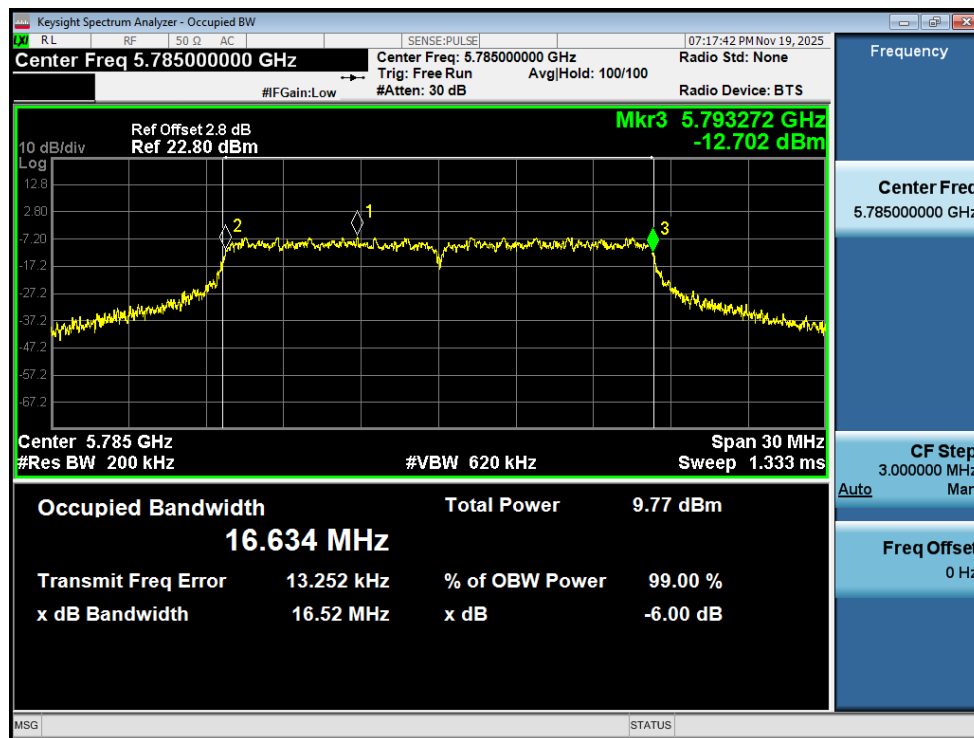
Power NVNT ax40 5795MHz Ant1

3. -6dB Bandwidth

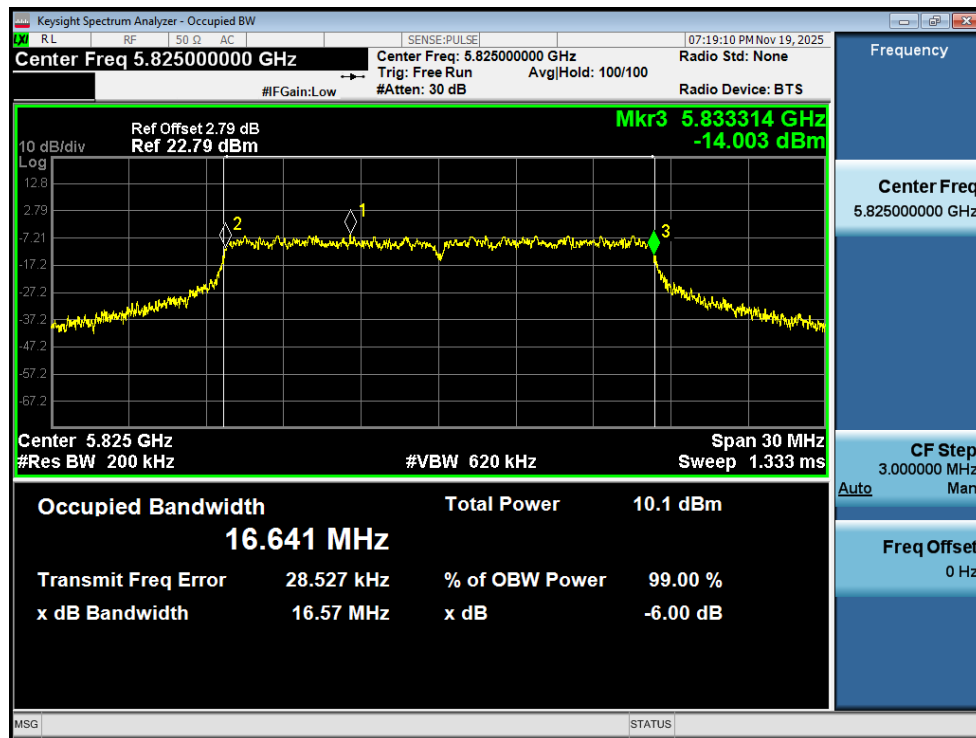
Condition	Mode	Frequency (MHz)	Antenna	-6 dB Bandwidth (MHz)	Limit -6 dB Bandwidth (MHz)	Verdict
NVNT	a	5745	Ant1	16.51	0.5	Pass
NVNT	a	5785	Ant1	16.52	0.5	Pass
NVNT	a	5825	Ant1	16.57	0.5	Pass
NVNT	n20	5745	Ant1	17.80	0.5	Pass
NVNT	n20	5785	Ant1	17.79	0.5	Pass
NVNT	n20	5825	Ant1	17.72	0.5	Pass
NVNT	n40	5755	Ant1	36.20	0.5	Pass
NVNT	n40	5795	Ant1	36.64	0.5	Pass
NVNT	ac20	5745	Ant1	17.69	0.5	Pass
NVNT	ac20	5785	Ant1	17.81	0.5	Pass
NVNT	ac20	5825	Ant1	17.76	0.5	Pass
NVNT	ac40	5755	Ant1	36.03	0.5	Pass
NVNT	ac40	5795	Ant1	36.66	0.5	Pass
NVNT	ax20	5745	Ant1	19.08	0.5	Pass
NVNT	ax20	5785	Ant1	19.11	0.5	Pass
NVNT	ax20	5825	Ant1	19.11	0.5	Pass
NVNT	ax40	5755	Ant1	37.89	0.5	Pass
NVNT	ax40	5795	Ant1	38.29	0.5	Pass



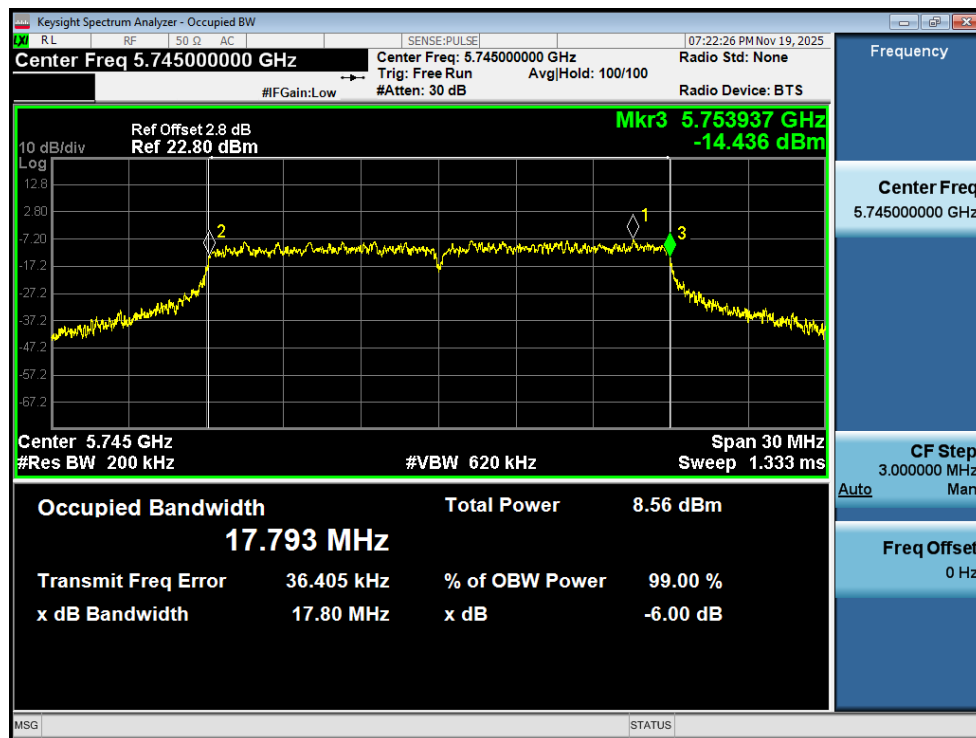
-6dB Bandwidth NVNT a 5745MHz Ant1



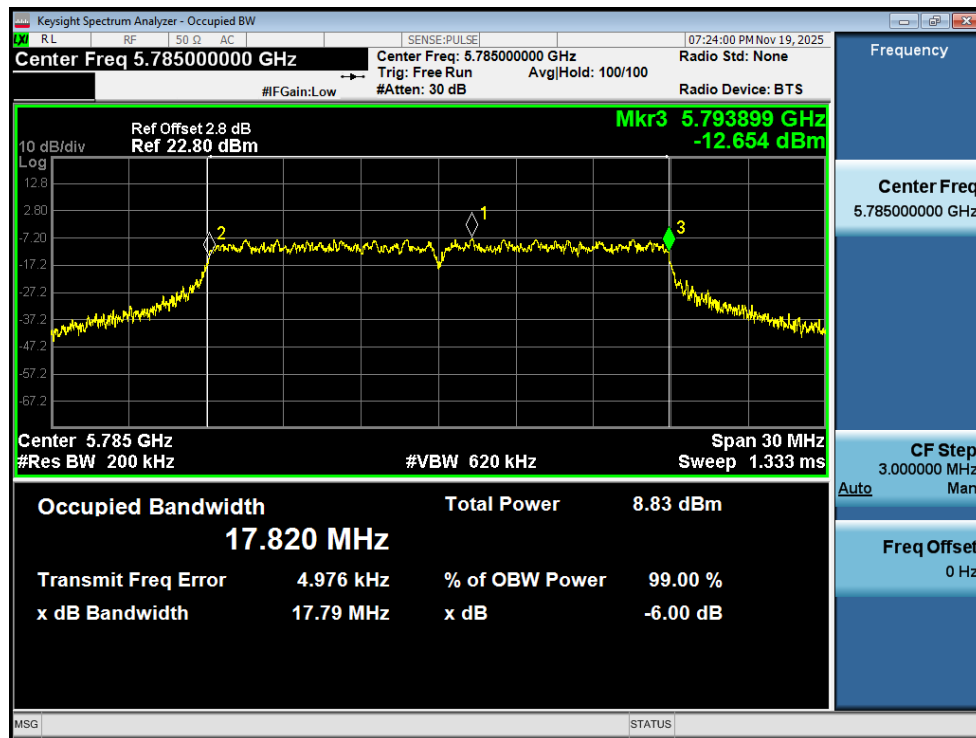
-6dB Bandwidth NVNT a 5785MHz Ant1



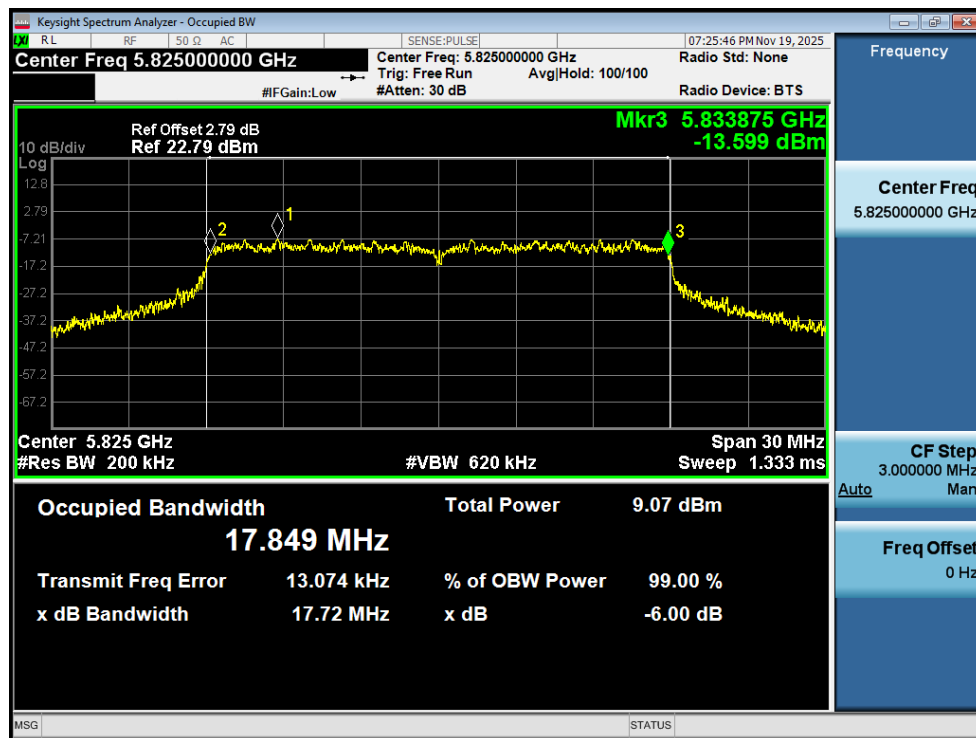
-6dB Bandwidth NVNT a 5825MHz Ant1



-6dB Bandwidth NVNT n20 5745MHz Ant1

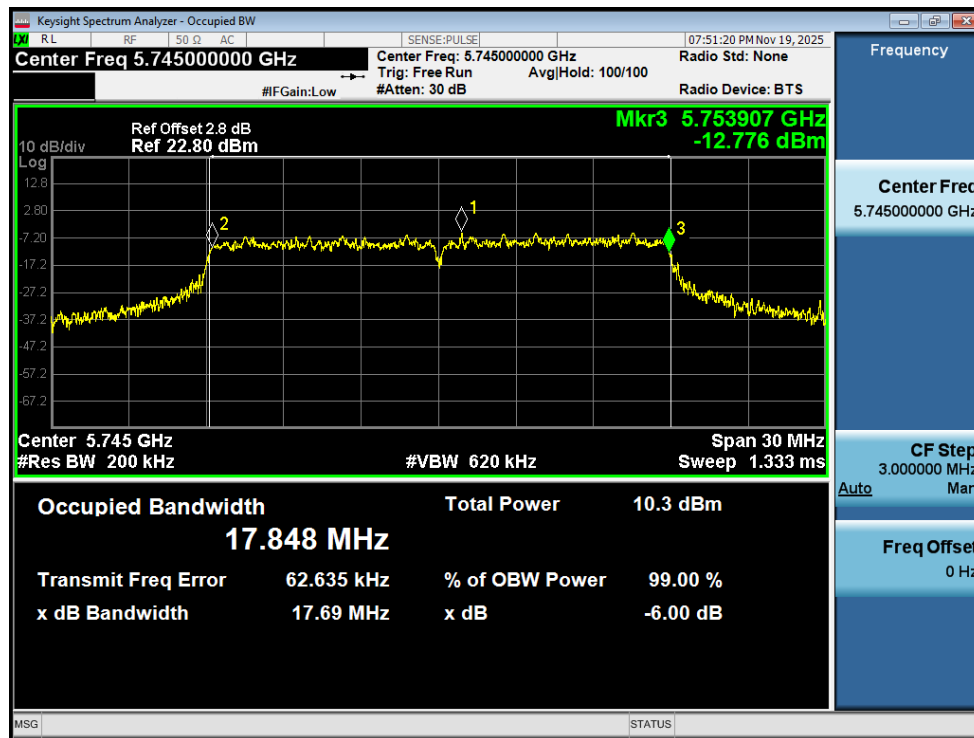


-6dB Bandwidth NVNT n20 5785MHz Ant1

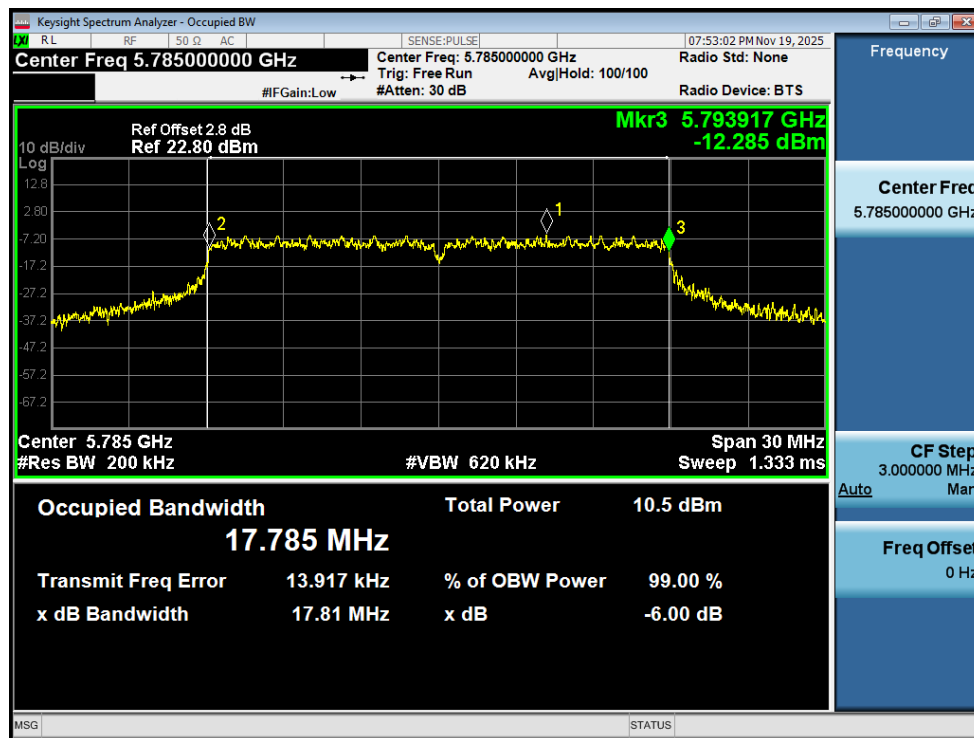


-6dB Bandwidth NVNT n20 5825MHz Ant1

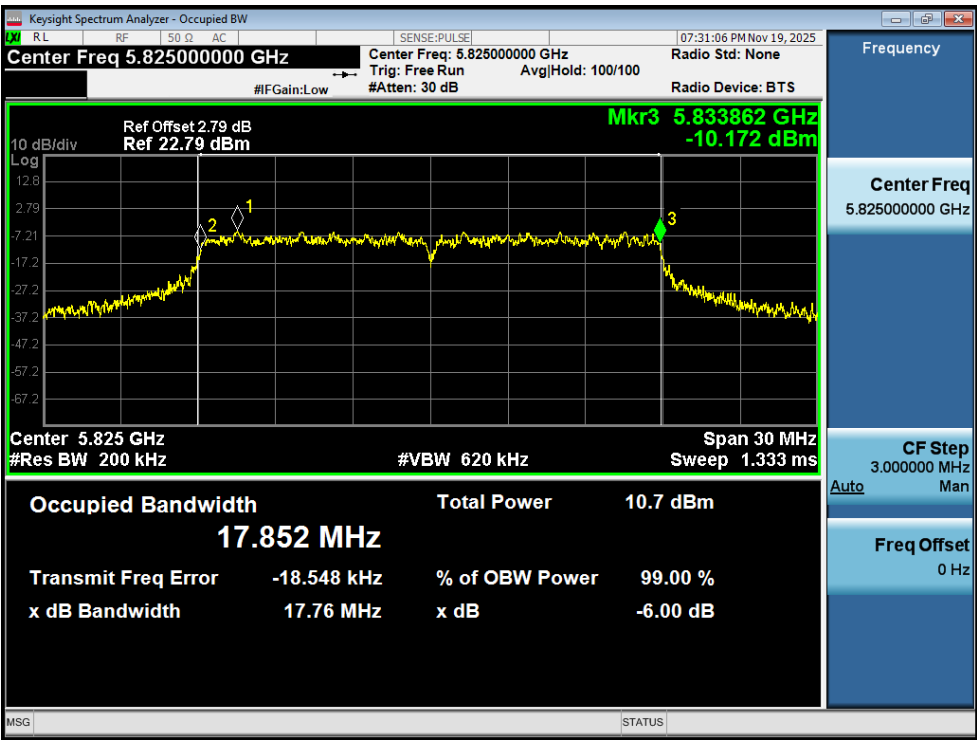




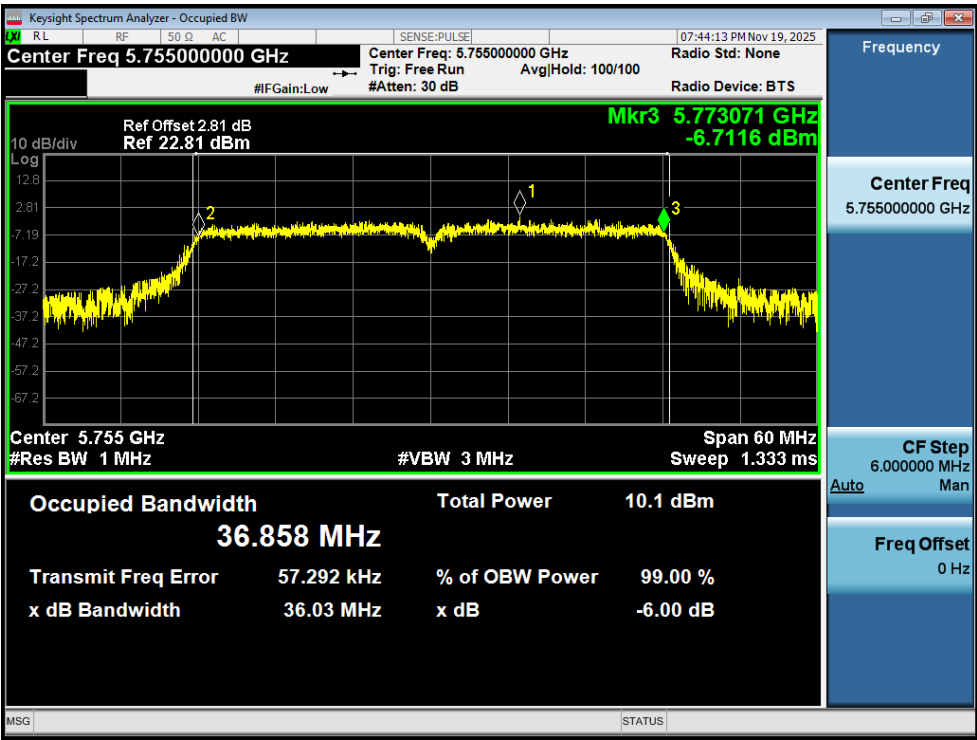
-6dB Bandwidth NVNT ac20 5745MHz Ant1



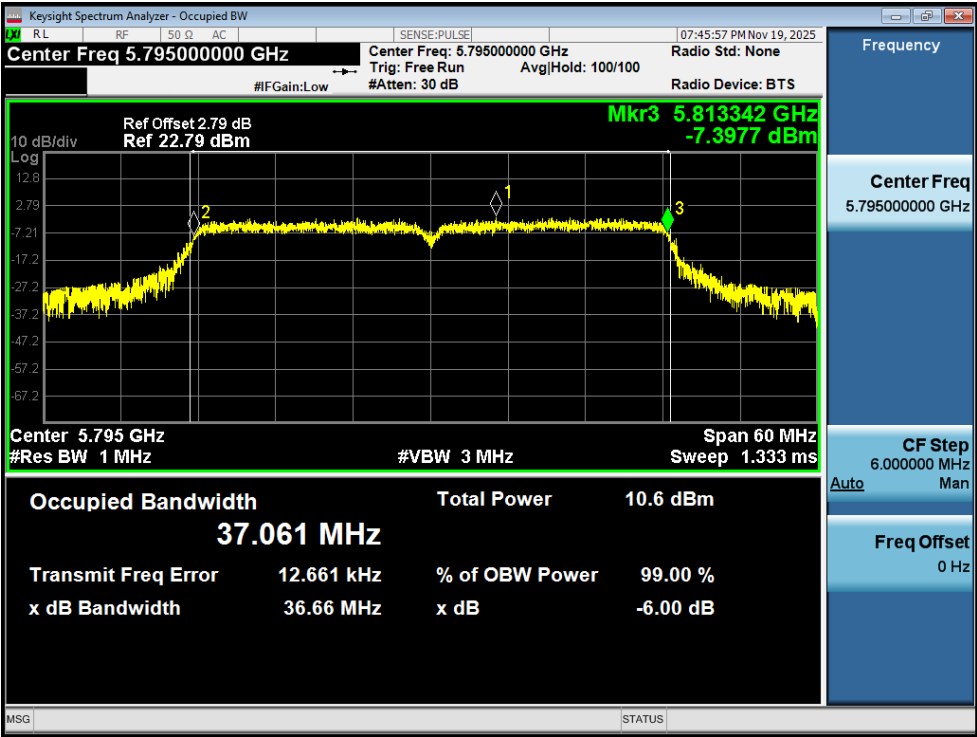
-6dB Bandwidth NVNT ac20 5785MHz Ant1



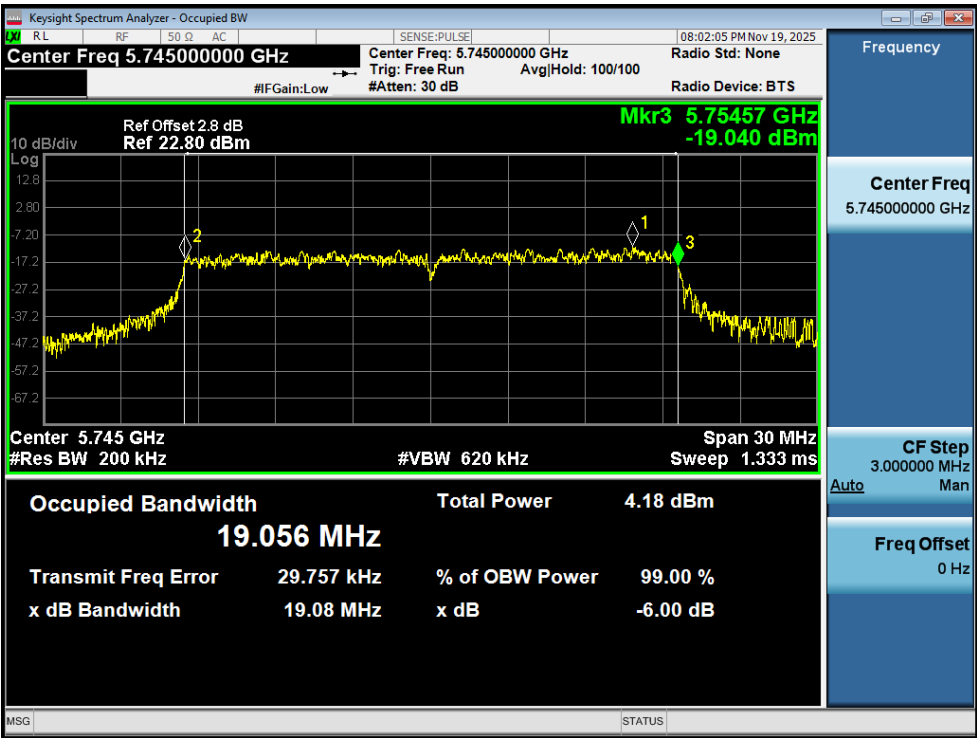
-6dB Bandwidth NVNT ac20 5825MHz Ant1



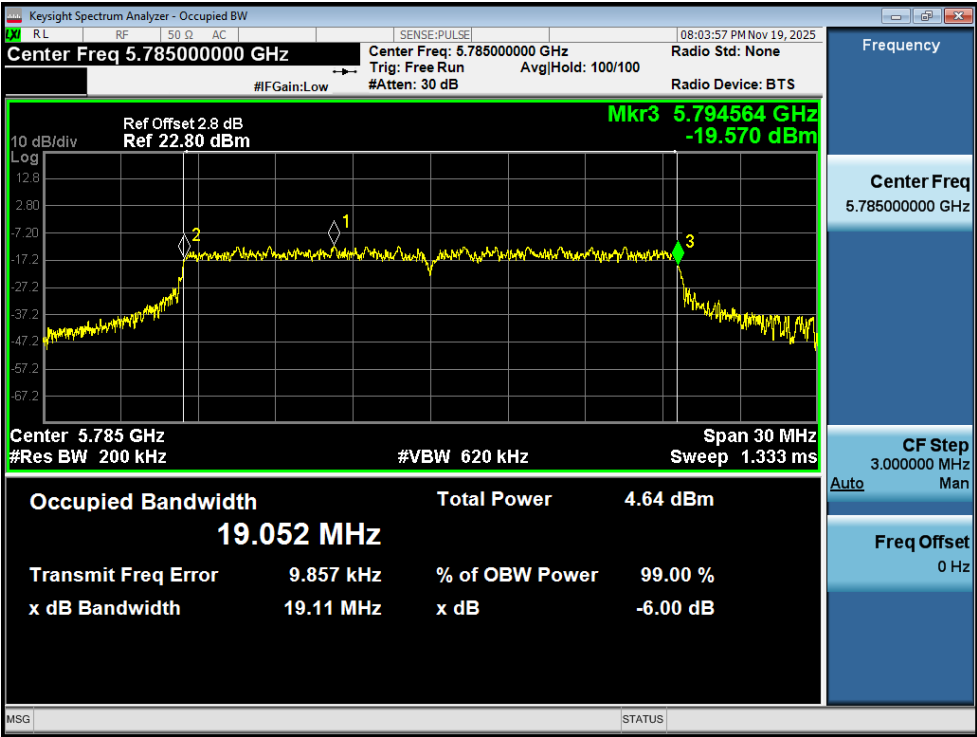
-6dB Bandwidth NVNT ac40 5755MHz Ant1



-6dB Bandwidth NVNT ac40 5795MHz Ant1



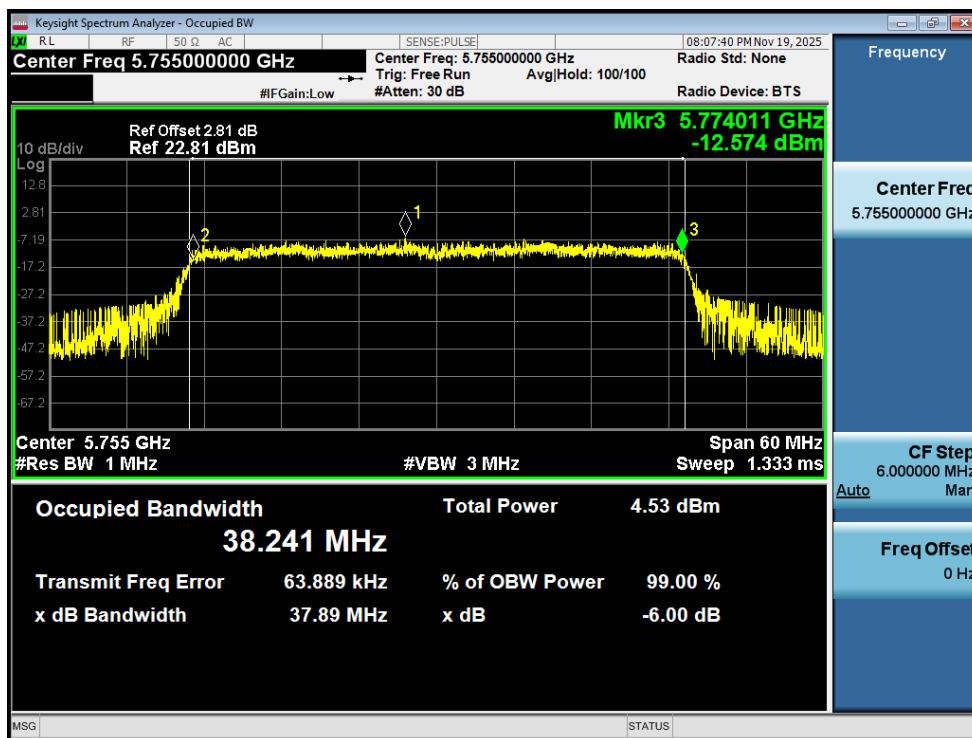
-6dB Bandwidth NVNT ax20 5745MHz Ant1



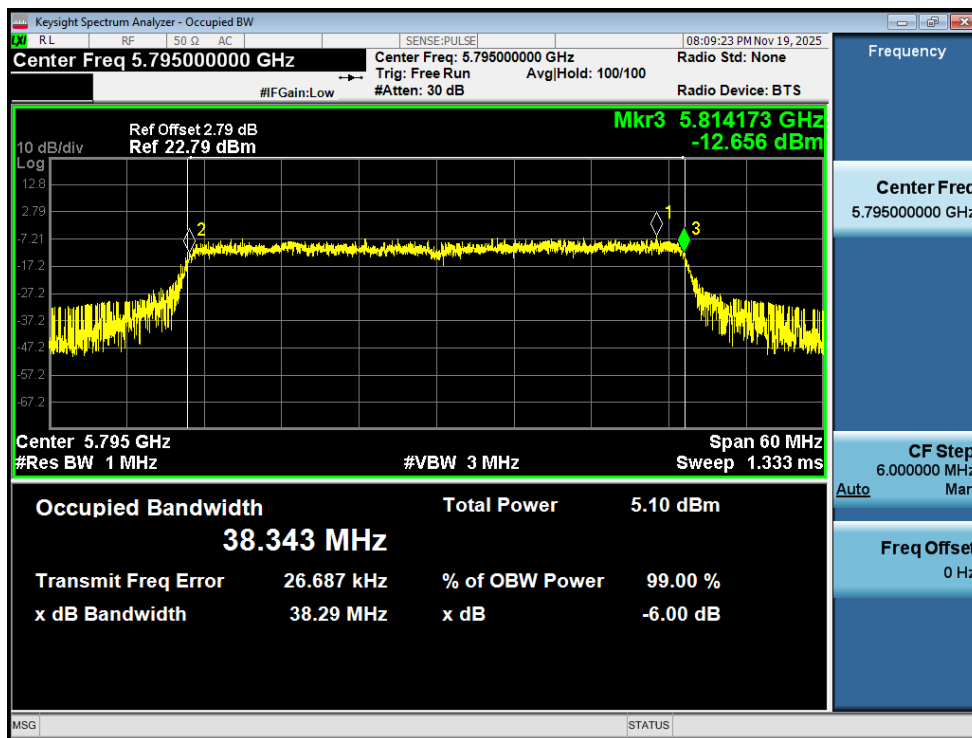
-6dB Bandwidth NVNT ax20 5785MHz Ant1



-6dB Bandwidth NVNT ax20 5825MHz Ant1



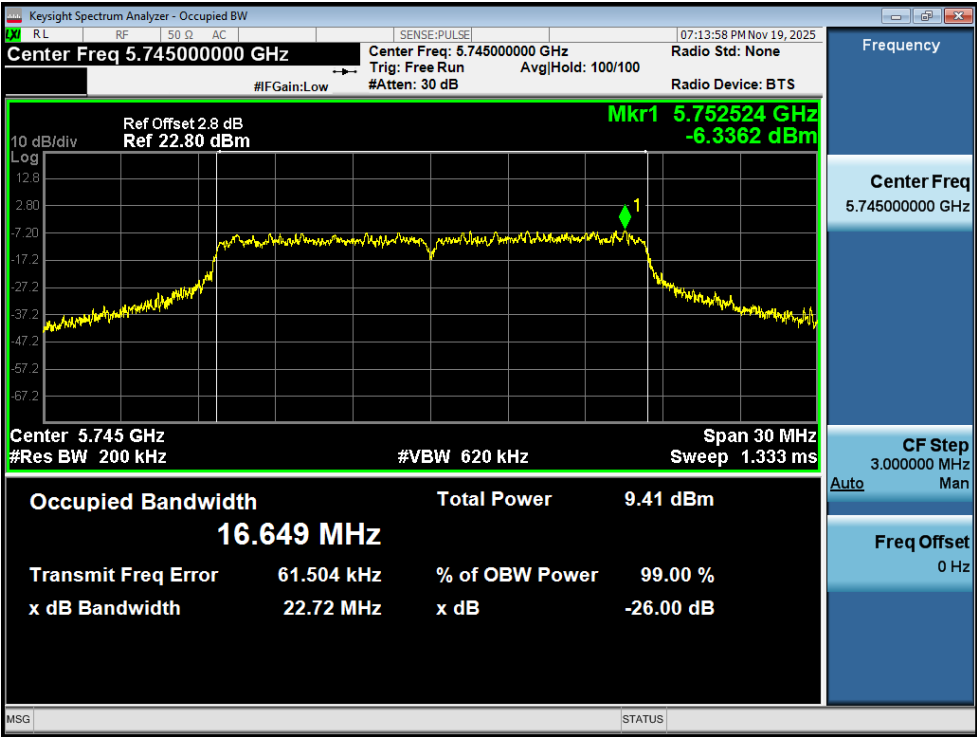
-6dB Bandwidth NVNT ax40 5755MHz Ant1



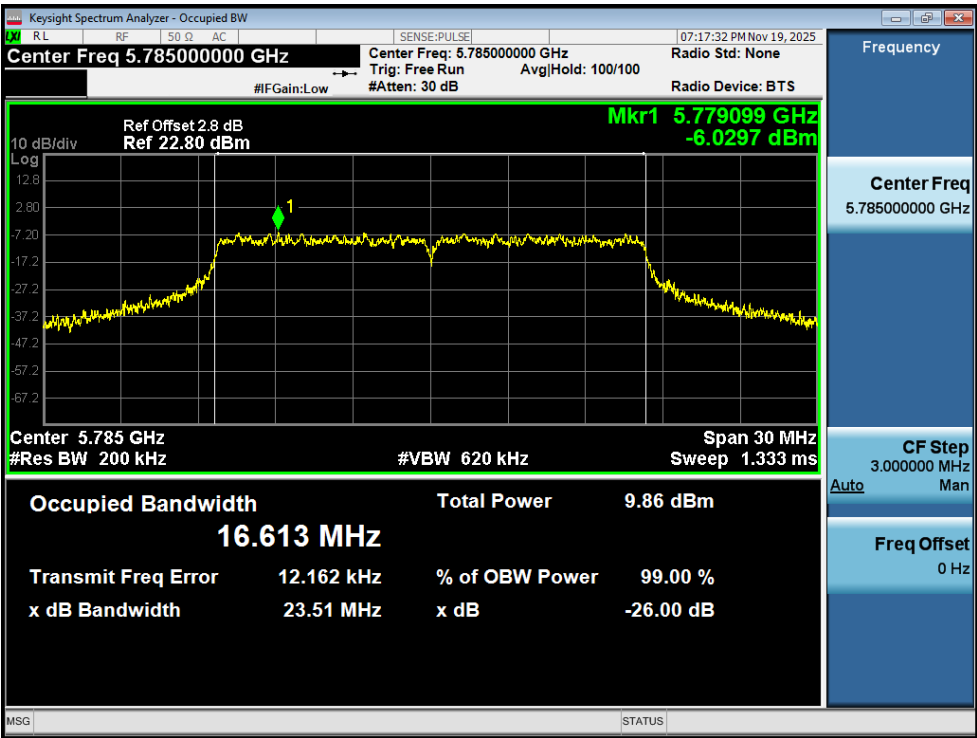
-6dB Bandwidth NVNT ax40 5795MHz Ant1

4. Occupied Channel Bandwidth

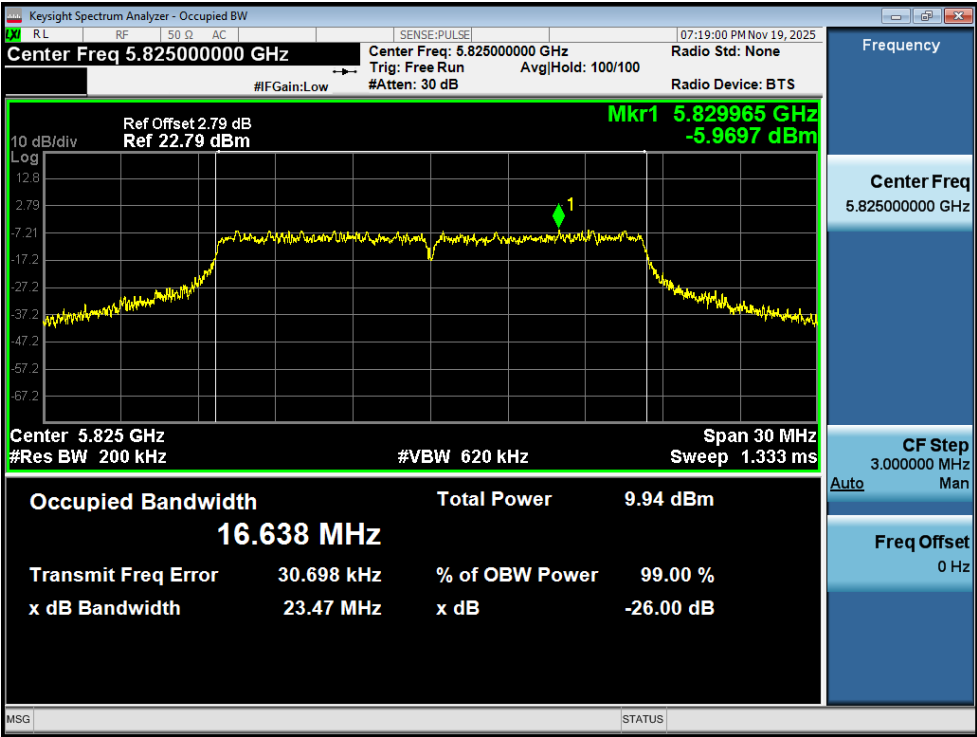
Condition	Mode	Frequency (MHz)	Antenna	99% OBW (MHz)
NVNT	a	5745	Ant1	16.649
NVNT	a	5785	Ant1	16.613
NVNT	a	5825	Ant1	16.638
NVNT	n20	5745	Ant1	17.833
NVNT	n20	5785	Ant1	17.854
NVNT	n20	5825	Ant1	17.853
NVNT	n40	5755	Ant1	36.343
NVNT	n40	5795	Ant1	36.45
NVNT	ac20	5745	Ant1	17.823
NVNT	ac20	5785	Ant1	17.844
NVNT	ac20	5825	Ant1	17.85
NVNT	ac40	5755	Ant1	36.408
NVNT	ac40	5795	Ant1	36.561
NVNT	ax20	5745	Ant1	19.044
NVNT	ax20	5785	Ant1	19.052
NVNT	ax20	5825	Ant1	19.032
NVNT	ax40	5755	Ant1	37.934
NVNT	ax40	5795	Ant1	37.991



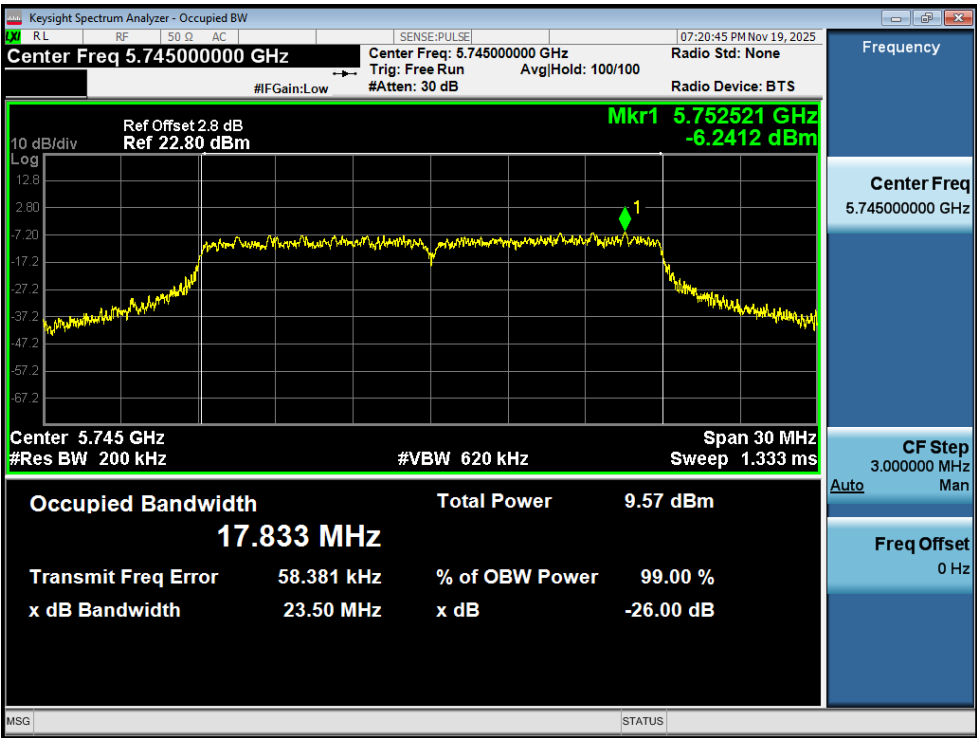
OBW NVNT a 5745MHz Ant1



OBW NVNT a 5785MHz Ant1



OBW NVNT a 5825MHz Ant1



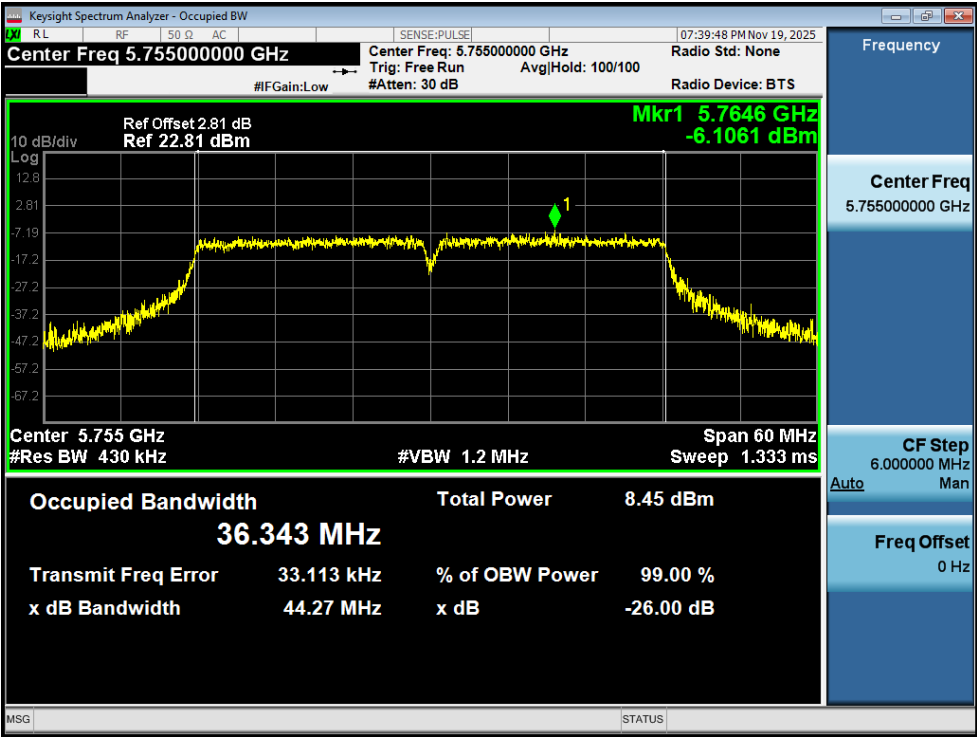
OBW NVNT n20 5745MHz Ant1



OBW NVNT n20 5785MHz Ant1



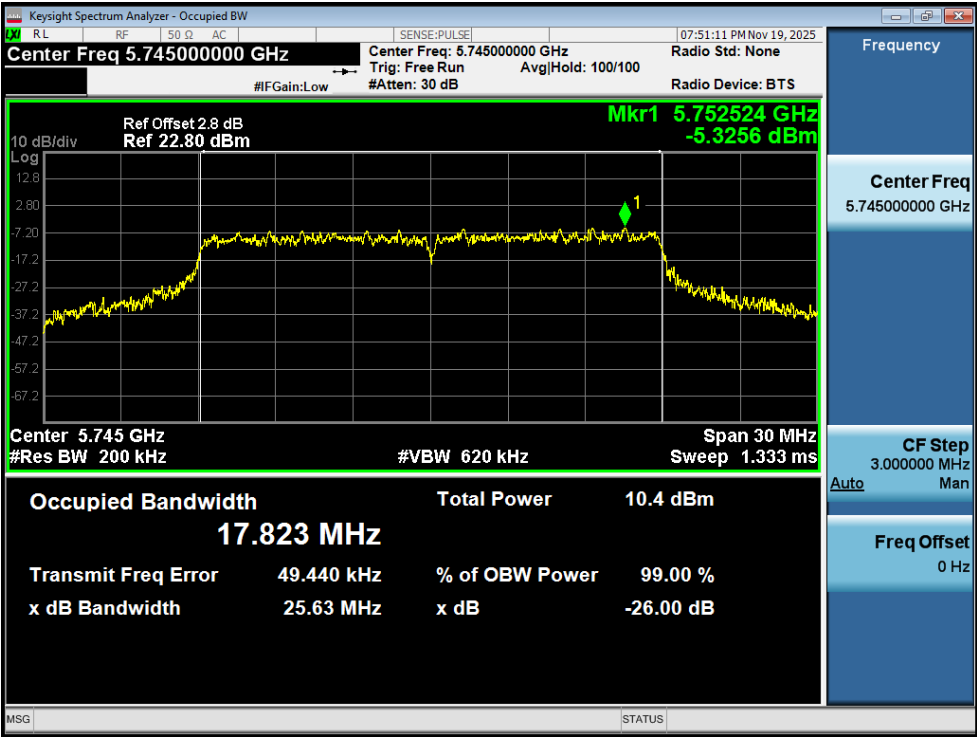
OBW NVNT n20 5825MHz Ant1



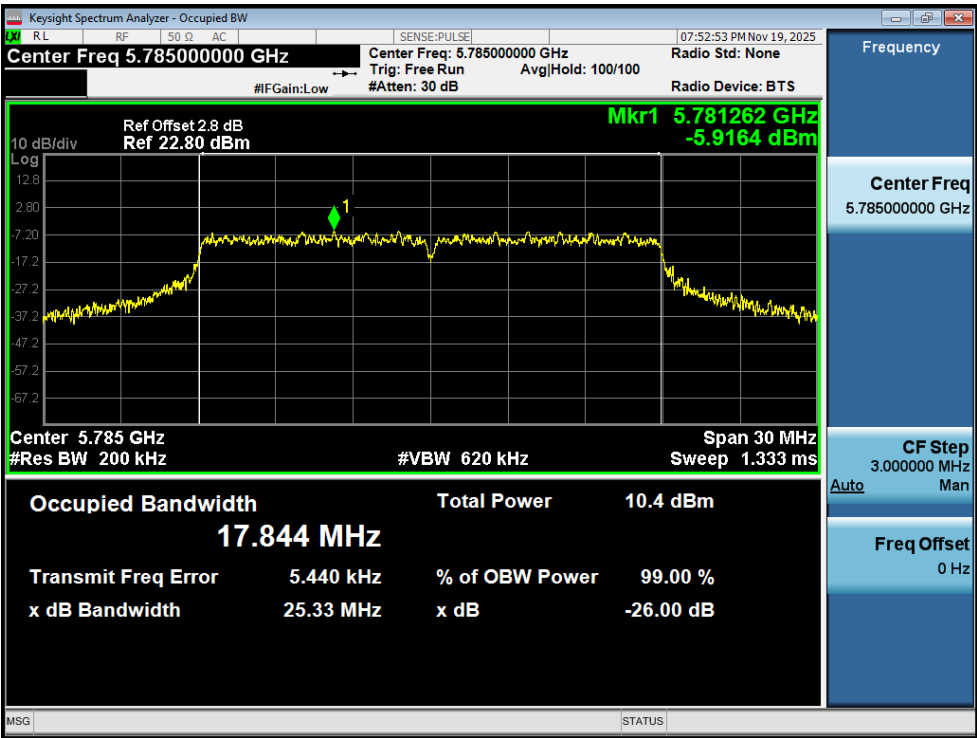
OBW NVNT n40 5755MHz Ant1



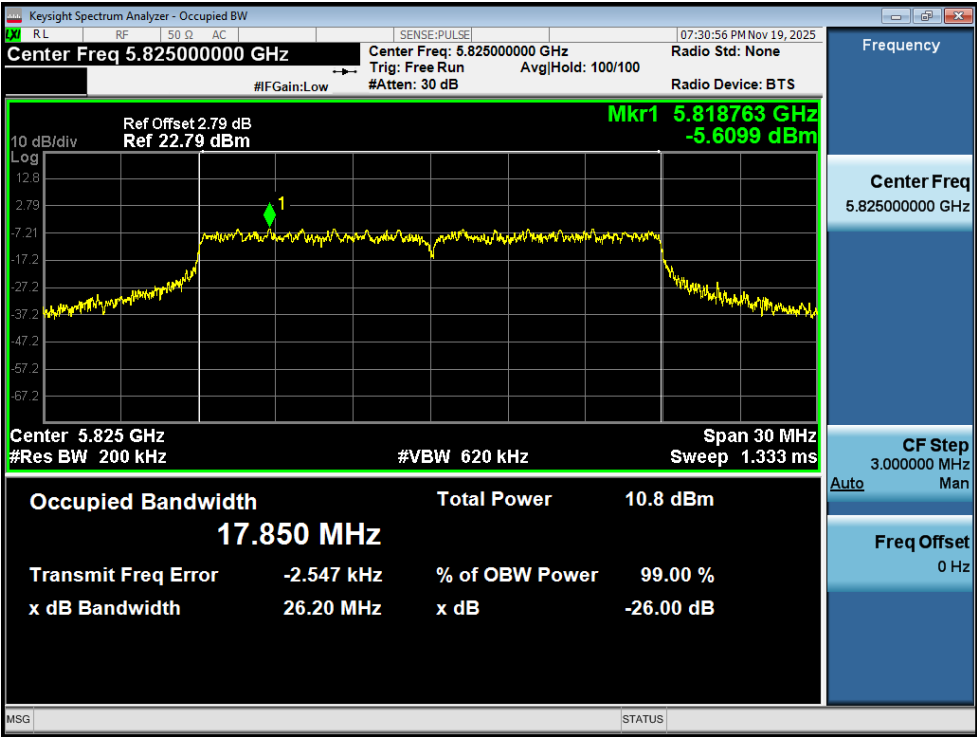
OBW NVNT n40 5795MHz Ant1



OBW NVNT ac20 5745MHz Ant1



OBW NVNT ac20 5785MHz Ant1



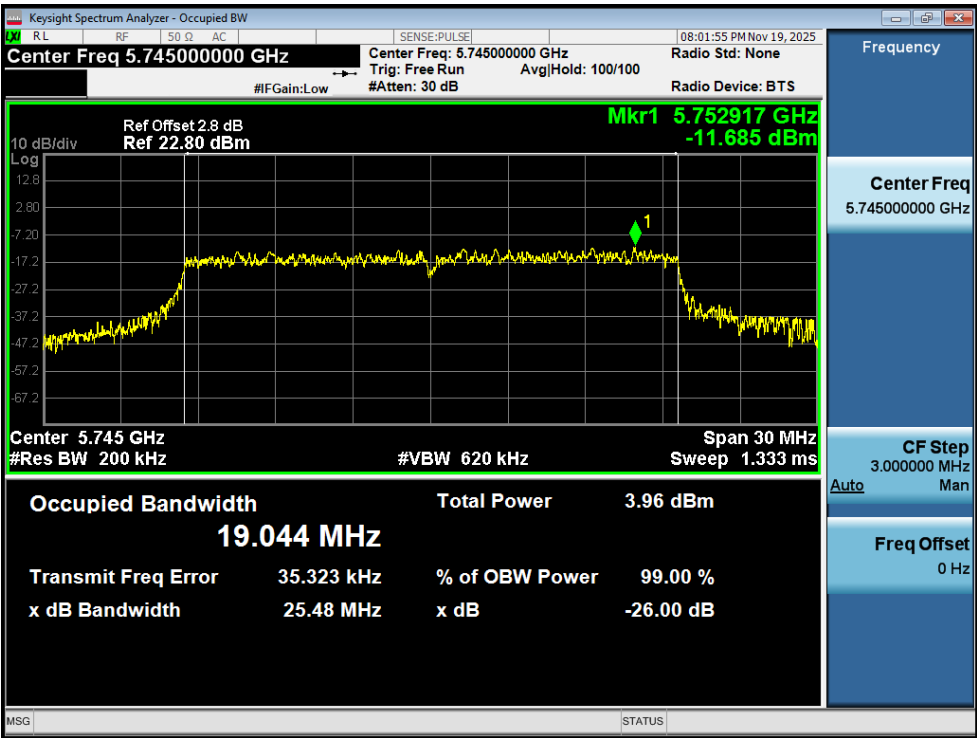
OBW NVNT ac20 5825MHz Ant1



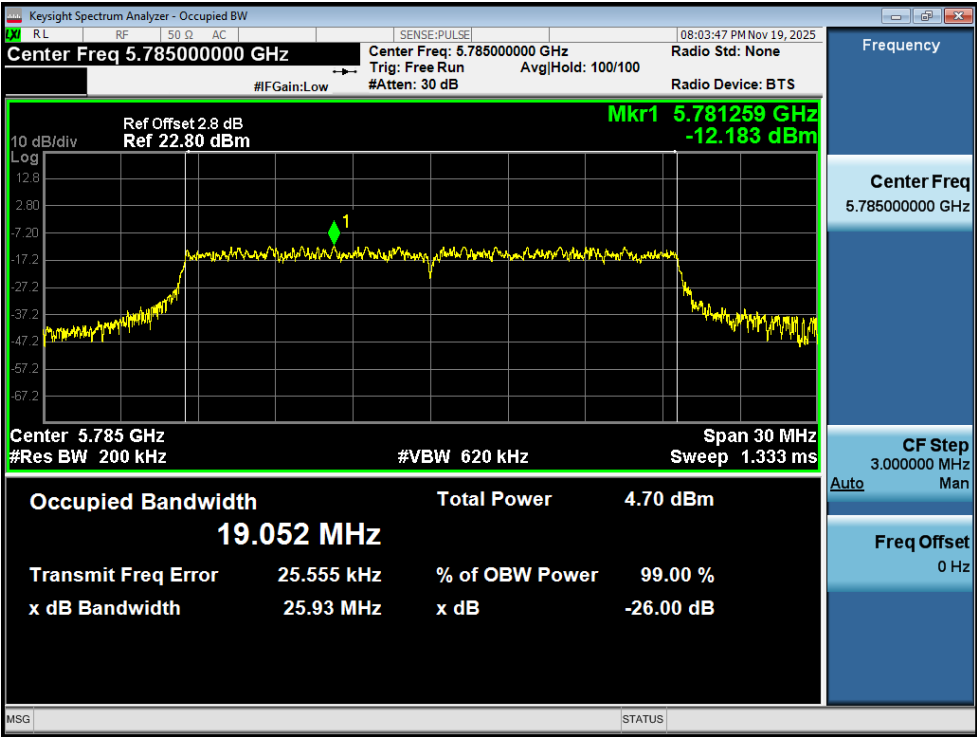
OBW NVNT ac40 5755MHz Ant1



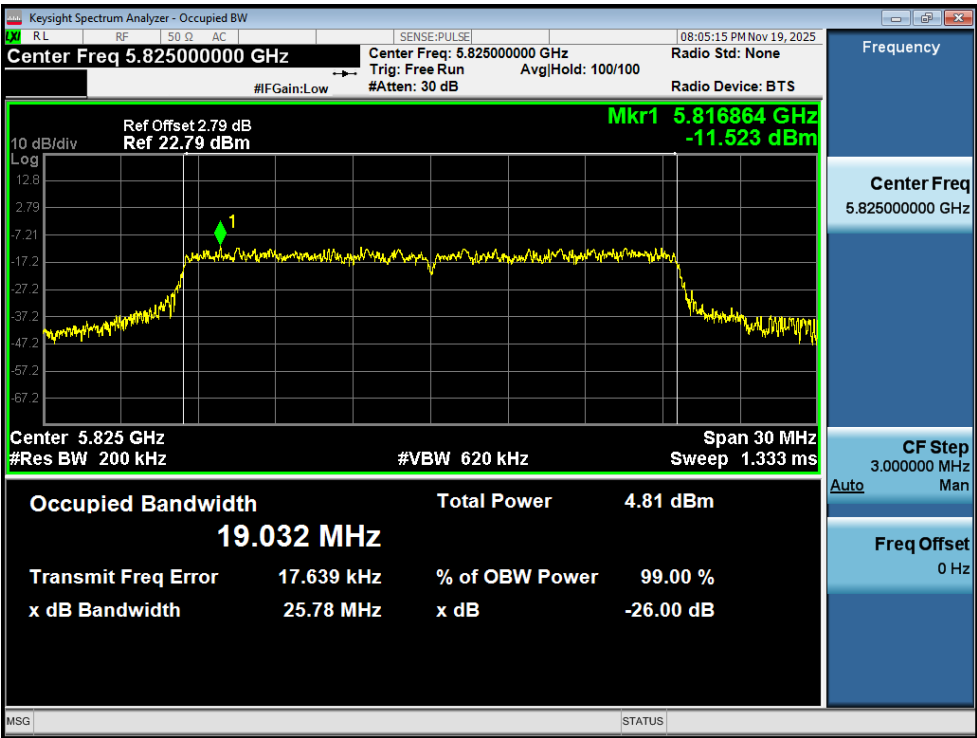
OBW NVNT ac40 5795MHz Ant1



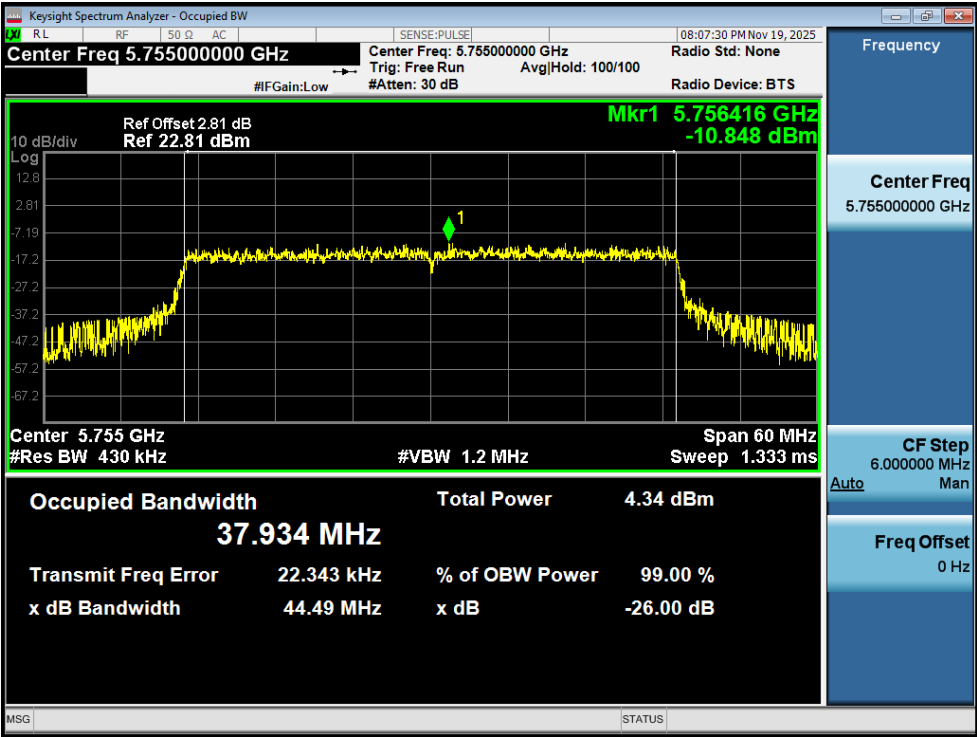
OBW NVNT ax20 5745MHz Ant1



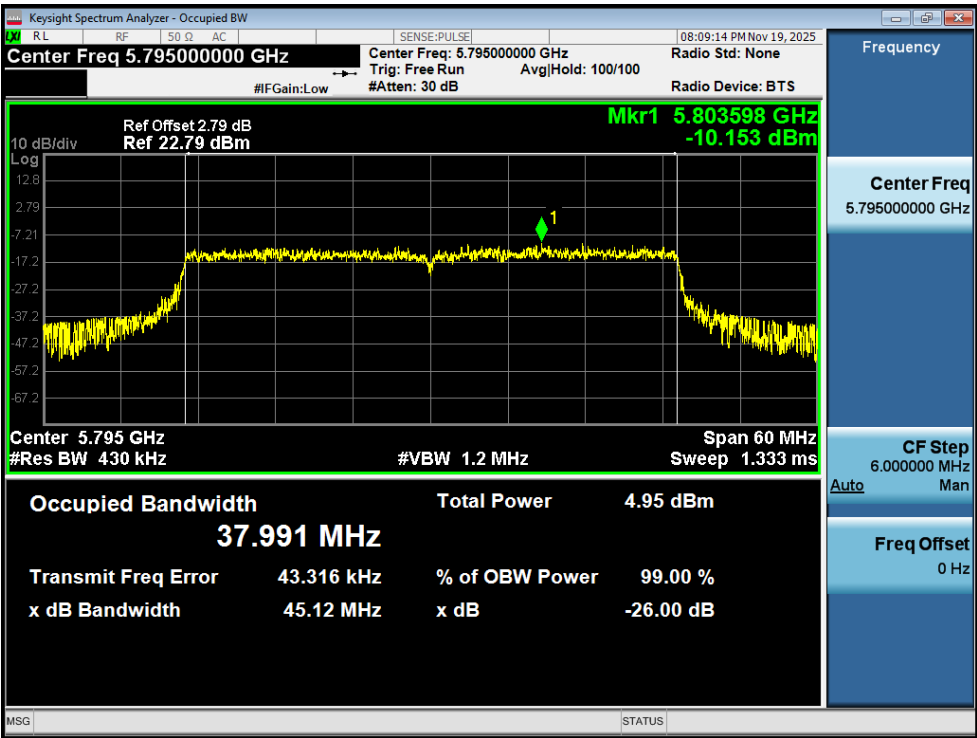
OBW NVNT ax20 5785MHz Ant1



OBW NVNT ax20 5825MHz Ant1



OBW NVNT ax40 5755MHz Ant1

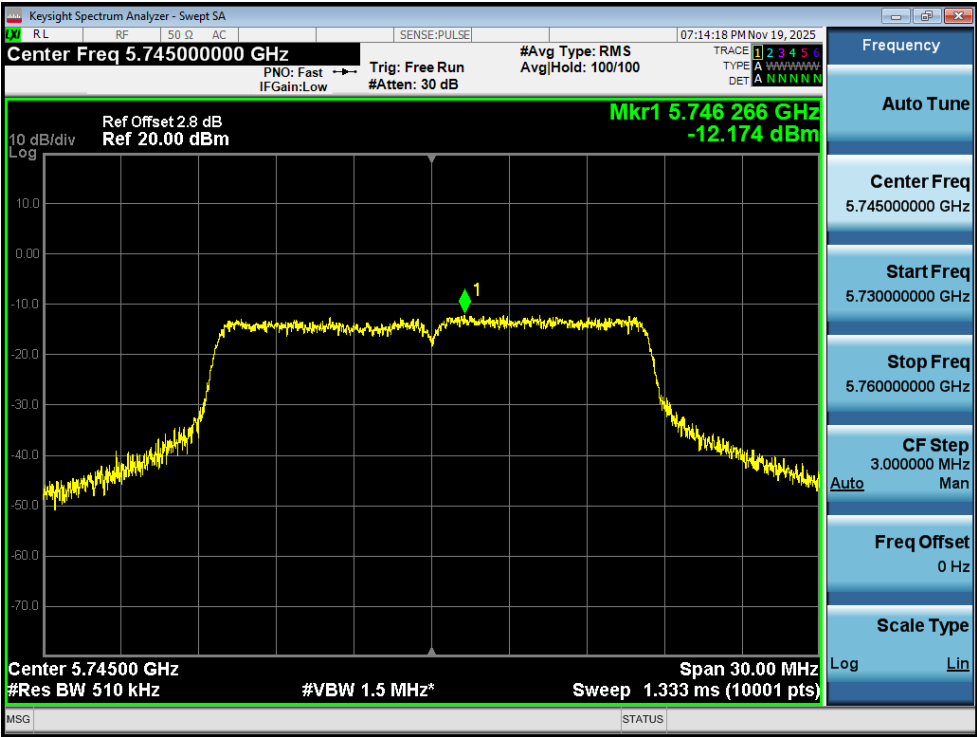


OBW NVNT ax40 5795MHz Ant1

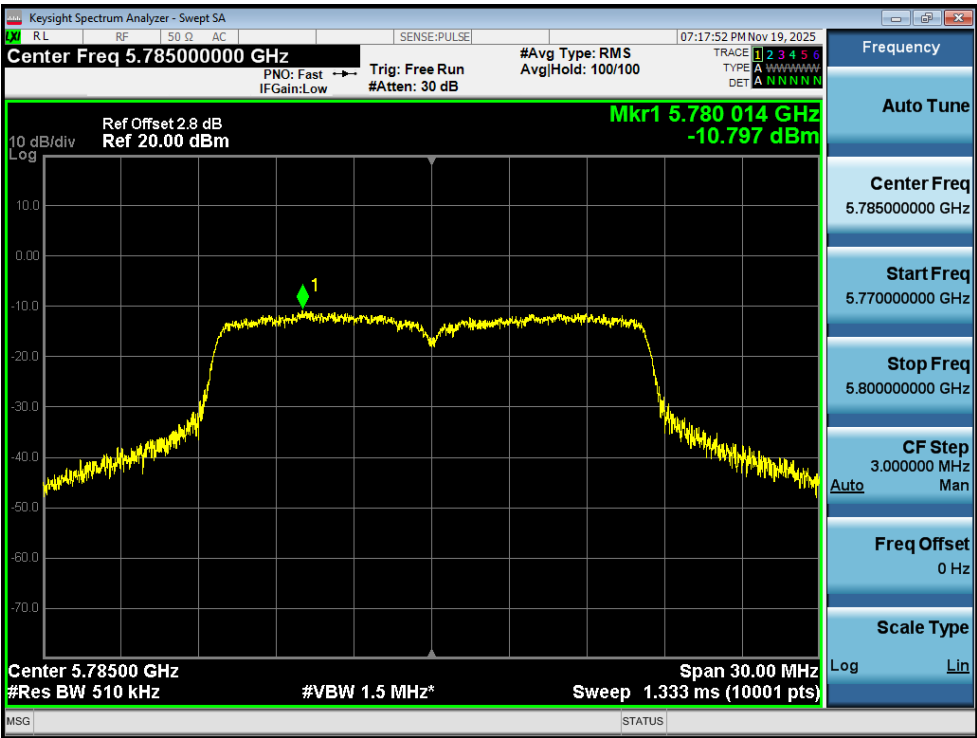
5. Maximum Power Spectral Density Level

Condition	Mode	Frequency (MHz)	Antenna	Conducted PSD (dBm/510kHz)	Duty Factor (dB)	10log (510/500)	Total PSD dBm/500kHz)	Limit (dBm/500KHz)	Verdict
NVNT	a	5745	Ant1	-12.17	3.43	0.086	-8.654	30	Pass
NVNT	a	5785	Ant1	-10.8	1.22	0.086	-9.494	30	Pass
NVNT	a	5825	Ant1	-11.42	2.23	0.086	-9.104	30	Pass
NVNT	n20	5745	Ant1	-13.09	2.58	0.086	-10.424	30	Pass
NVNT	n20	5785	Ant1	-12.6	2.58	0.086	-9.934	30	Pass
NVNT	n20	5825	Ant1	-12.5	2.68	0.086	-9.734	30	Pass
NVNT	n40	5755	Ant1	-16.66	5.64	0.086	-10.934	30	Pass
NVNT	n40	5795	Ant1	-15.05	3.75	0.086	-11.214	30	Pass
NVNT	ac20	5745	Ant1	-11.4	3.43	0.086	-7.884	30	Pass
NVNT	ac20	5785	Ant1	-10.77	1.91	0.086	-8.774	30	Pass
NVNT	ac20	5825	Ant1	-10.91	1.93	0.086	-8.894	30	Pass
NVNT	ac40	5755	Ant1	-16.5	5.03	0.086	-11.384	30	Pass
NVNT	ac40	5795	Ant1	-14.38	4.19	0.086	-10.104	30	Pass
NVNT	ax20	5745	Ant1	-18.44	2.68	0.086	-15.674	30	Pass
NVNT	ax20	5785	Ant1	-17.95	3.94	0.086	-13.924	30	Pass
NVNT	ax20	5825	Ant1	-17.52	3.35	0.086	-14.084	30	Pass
NVNT	ax40	5755	Ant1	-21.27	2.29	0.086	-18.894	30	Pass
NVNT	ax40	5795	Ant1	-20.65	4.32	0.086	-16.244	30	Pass

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



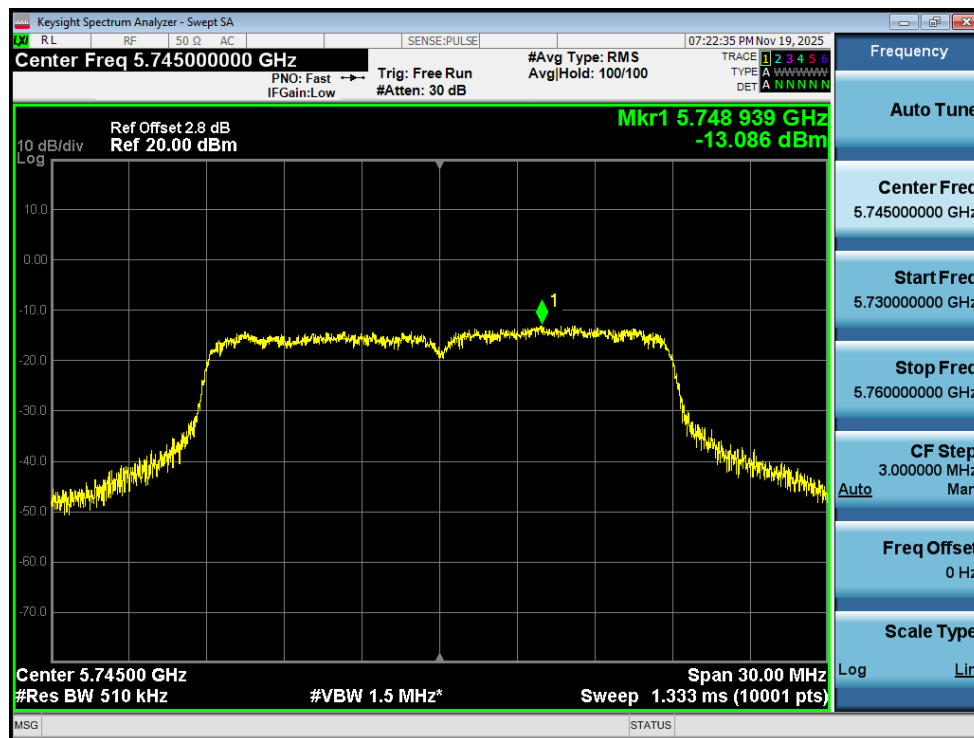
PSD NVNT a 5745MHz Ant1



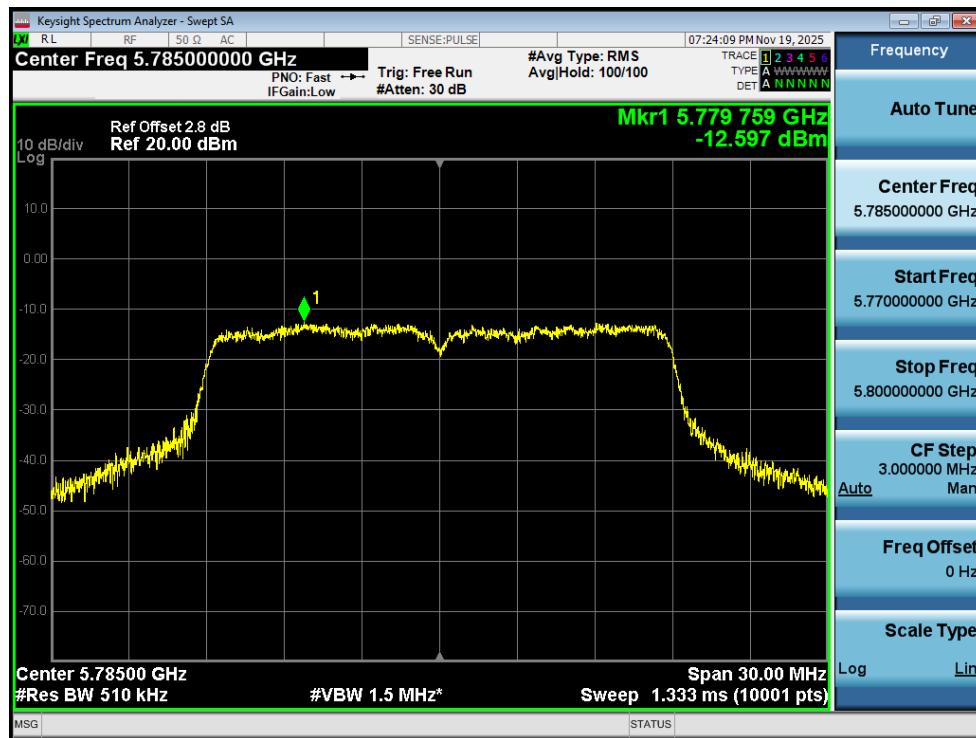
PSD NVNT a 5785MHz Ant1



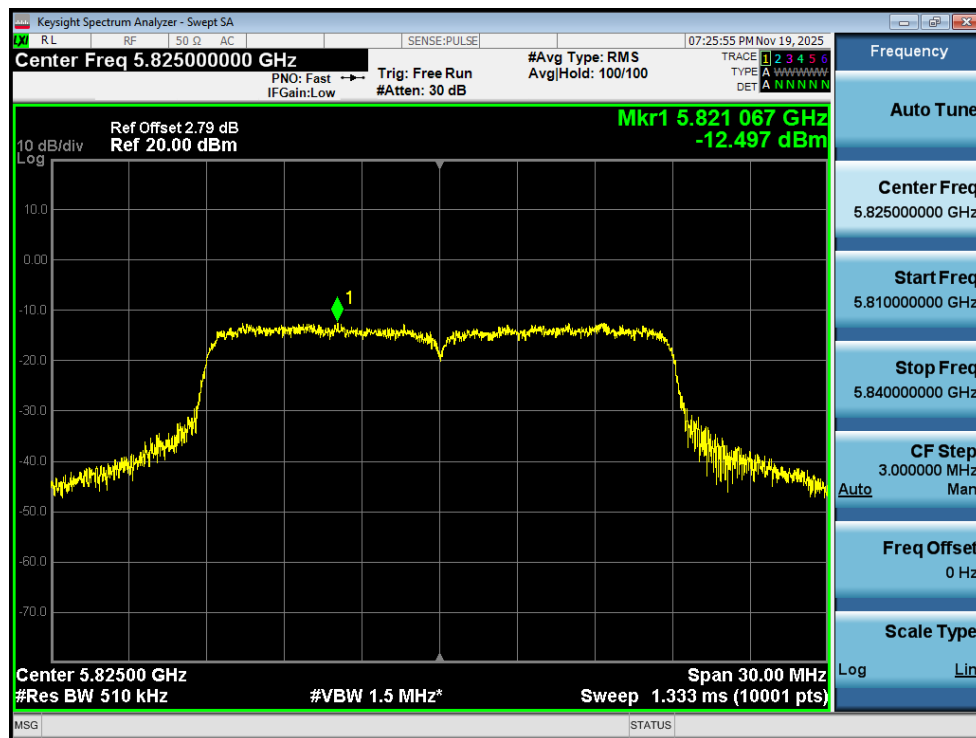
PSD NVNT a 5825MHz Ant1



PSD NVNT n20 5745MHz Ant1



PSD NVNT n20 5785MHz Ant1



PSD NVNT n20 5825MHz Ant1



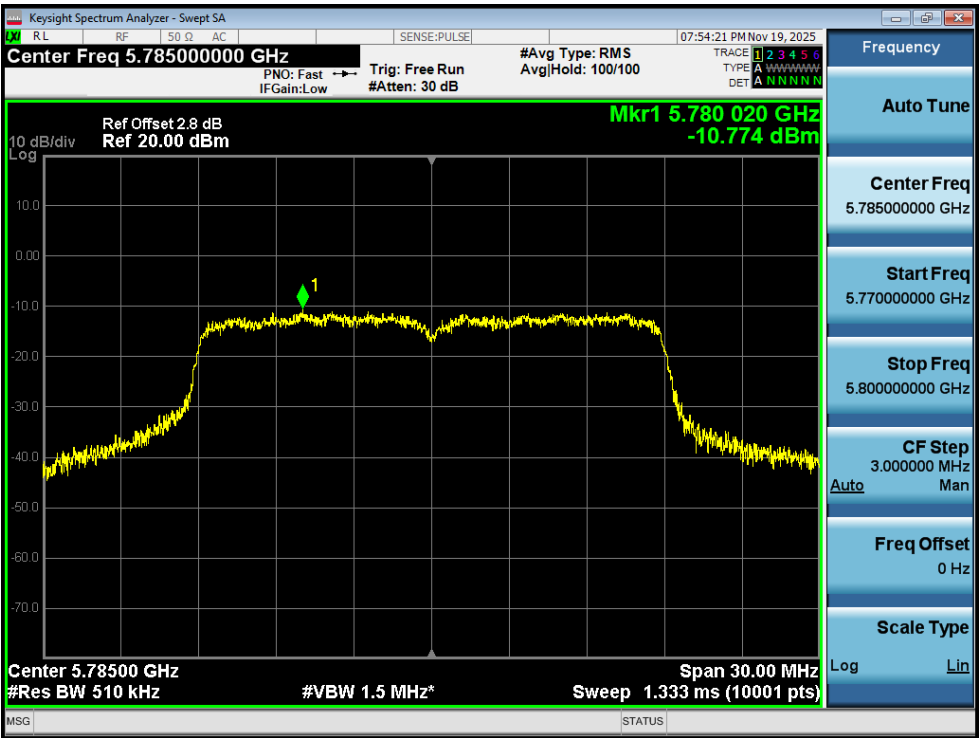
PSD NVNT n40 5755MHz Ant1



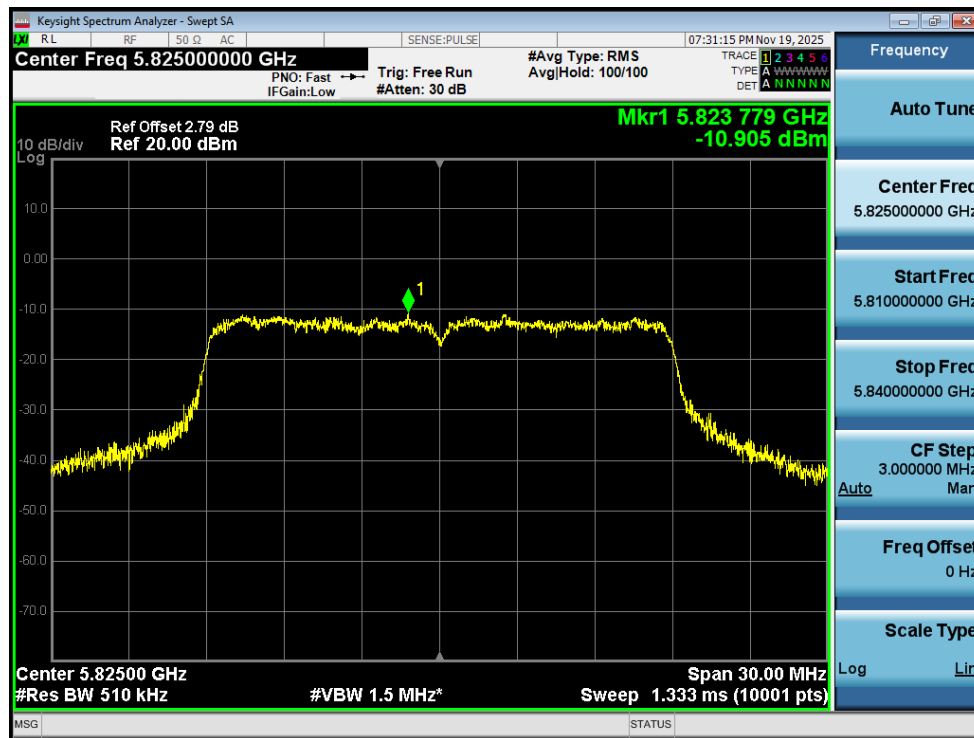
PSD NVNT n40 5795MHz Ant1



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 ax20 5745MHz Ant1



PSD NVNT ax20 5785MHz Ant1



PSD NVNT ax20 5825MHz Ant1



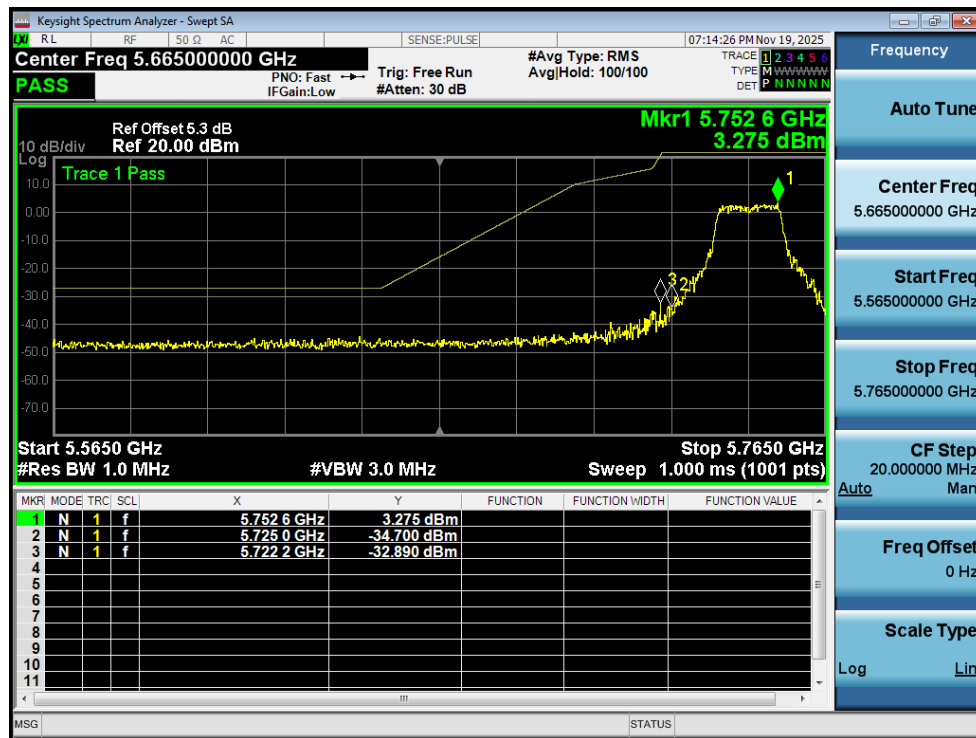
PSD NVNT ax40 5755MHz Ant1



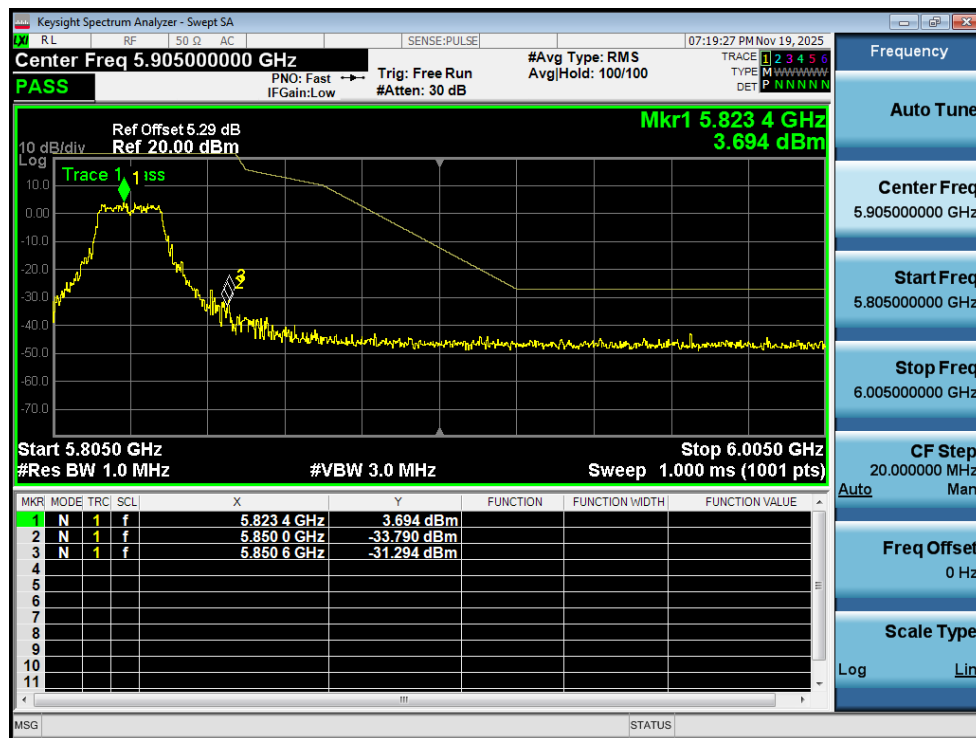
PSD NVNT ax40 5795MHz Ant1

6. Band Edge

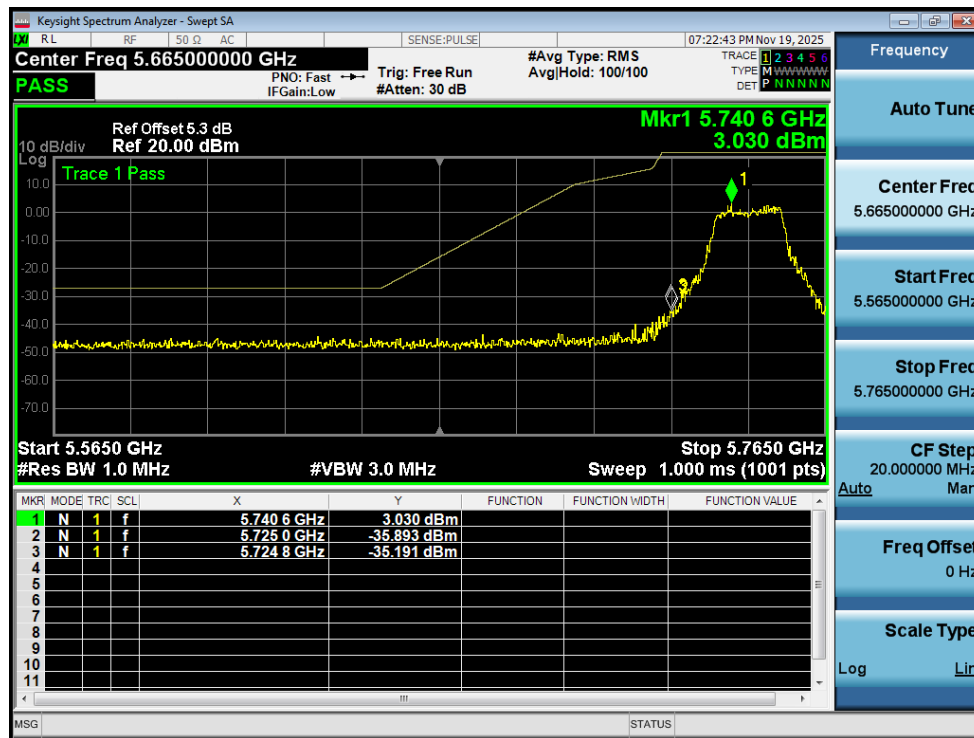
Condition	Mode	Frequency (MHz)	Antenna	Max Value (dBm)	Verdict
NVNT	a	5745	Ant1	-32.89	Pass
NVNT	a	5825	Ant1	-31.29	Pass
NVNT	n20	5745	Ant1	-35.19	Pass
NVNT	n20	5825	Ant1	-35.96	Pass
NVNT	n40	5755	Ant1	-31.44	Pass
NVNT	n40	5795	Ant1	-38.79	Pass
NVNT	ac20	5745	Ant1	-28.17	Pass
NVNT	ac20	5825	Ant1	-28.5	Pass
NVNT	ac40	5755	Ant1	-26.12	Pass
NVNT	ac40	5795	Ant1	-35.78	Pass
NVNT	ax20	5745	Ant1	-34.02	Pass
NVNT	ax20	5825	Ant1	-43.98	Pass
NVNT	ax40	5755	Ant1	-32.2	Pass
NVNT	ax40	5795	Ant1	-44.66	Pass



Band Edge NVNT a 5745MHz Low Ant1



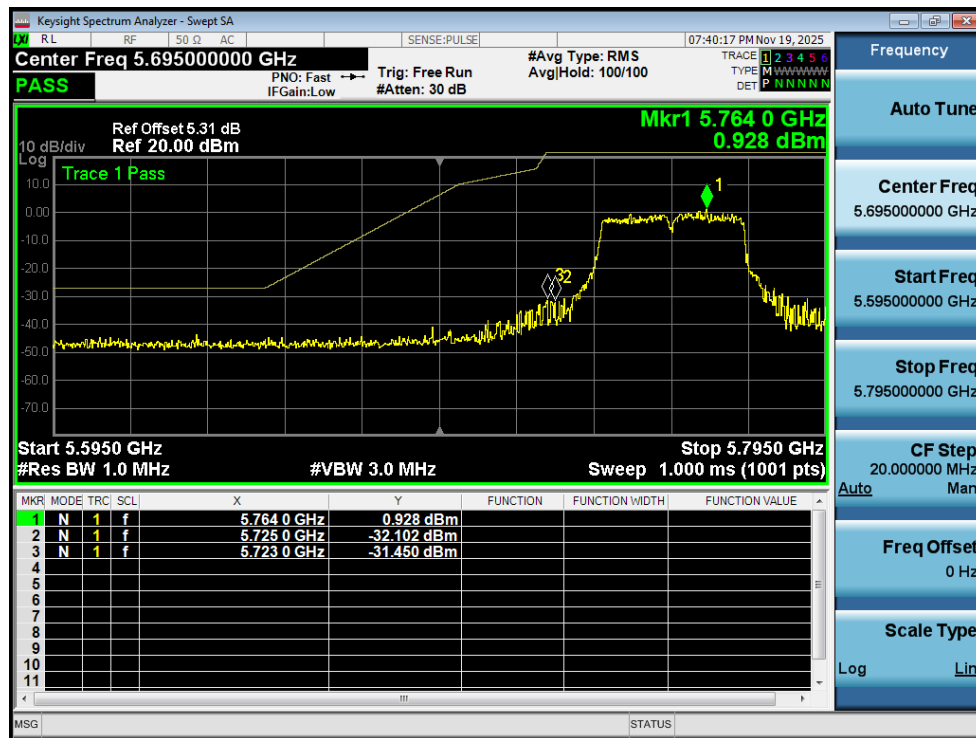
Band Edge NVNT a 5825MHz High Ant1



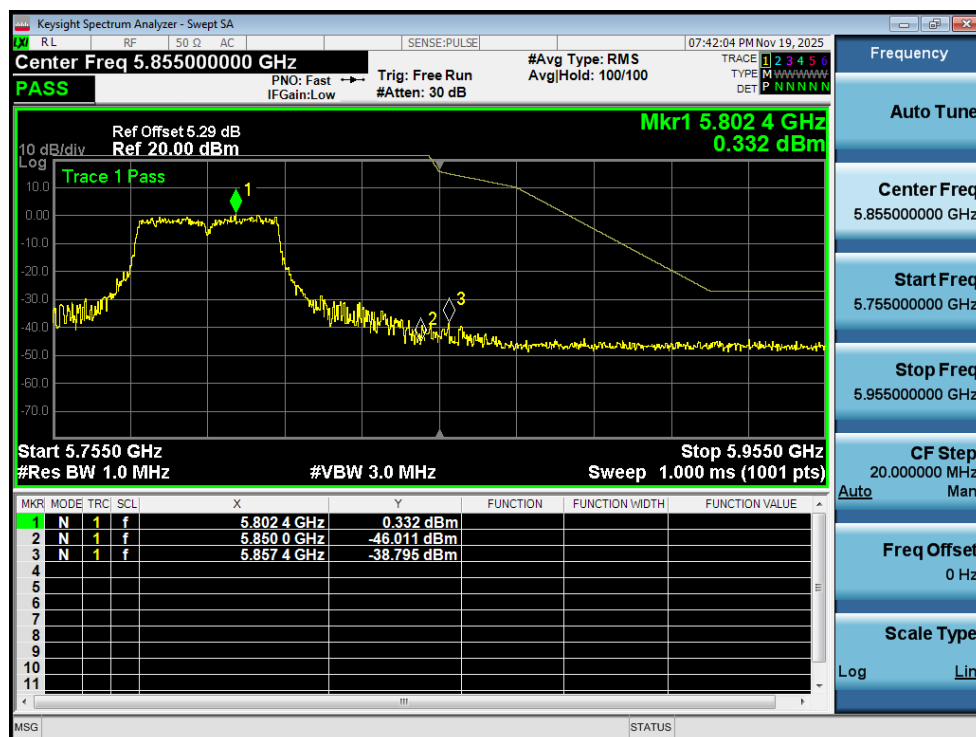
Band Edge NVNT n20 5745MHz Low Ant1



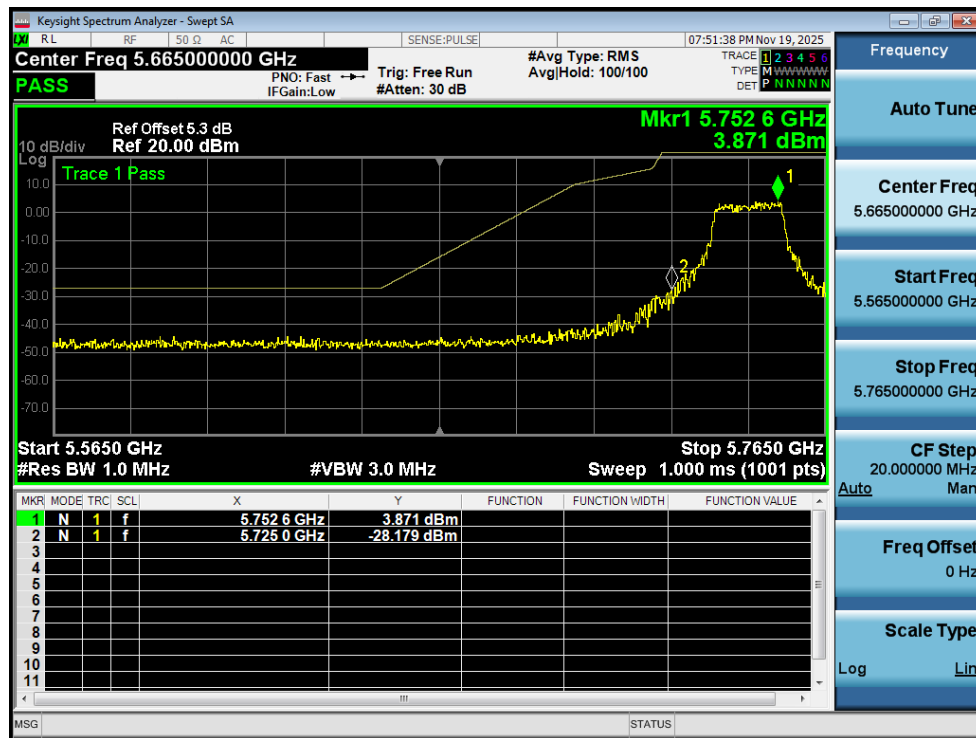
Band Edge NVNT n20 5825MHz High Ant1



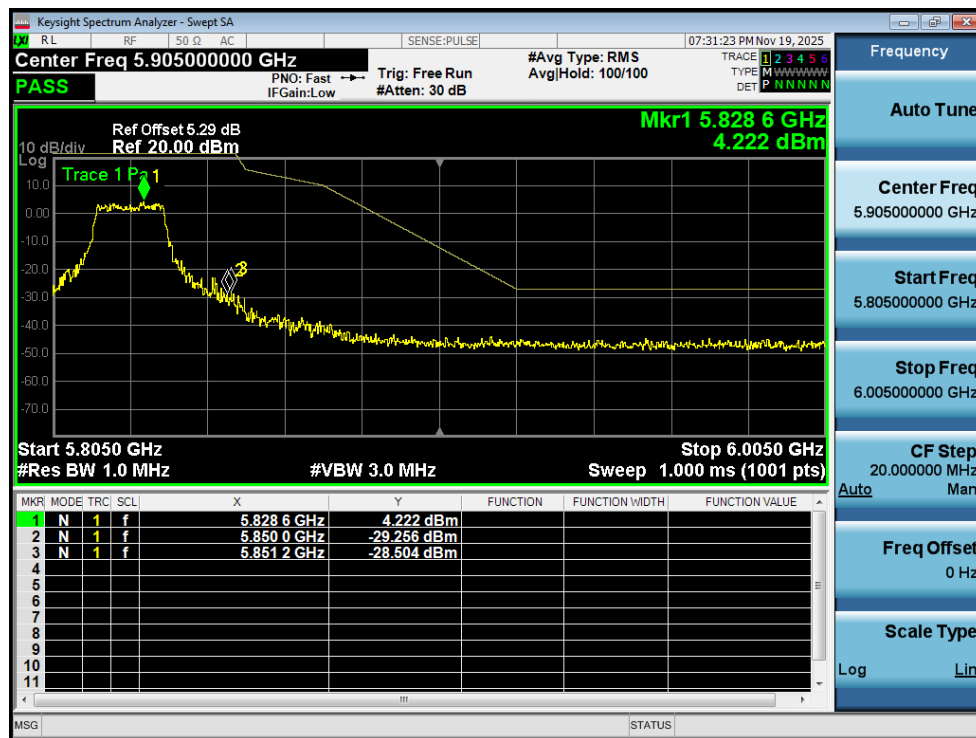
Band Edge NVNT n40 5755MHz Low Ant1



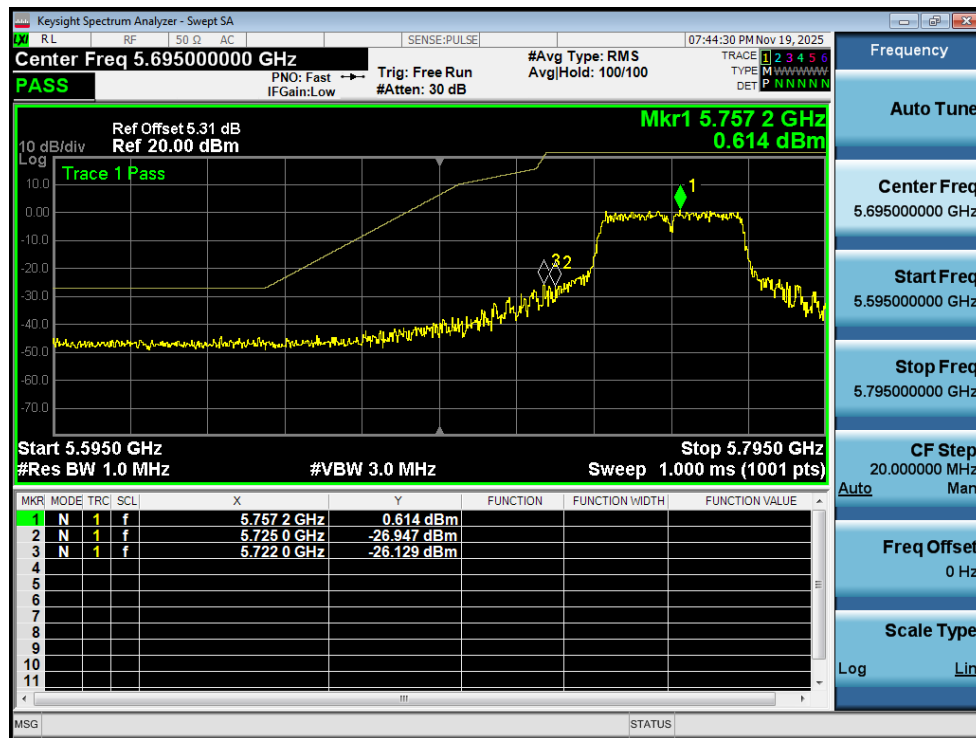
Band Edge NVNT n40 5795MHz High Ant1



Band Edge NVNT ac20 5745MHz Low Ant1



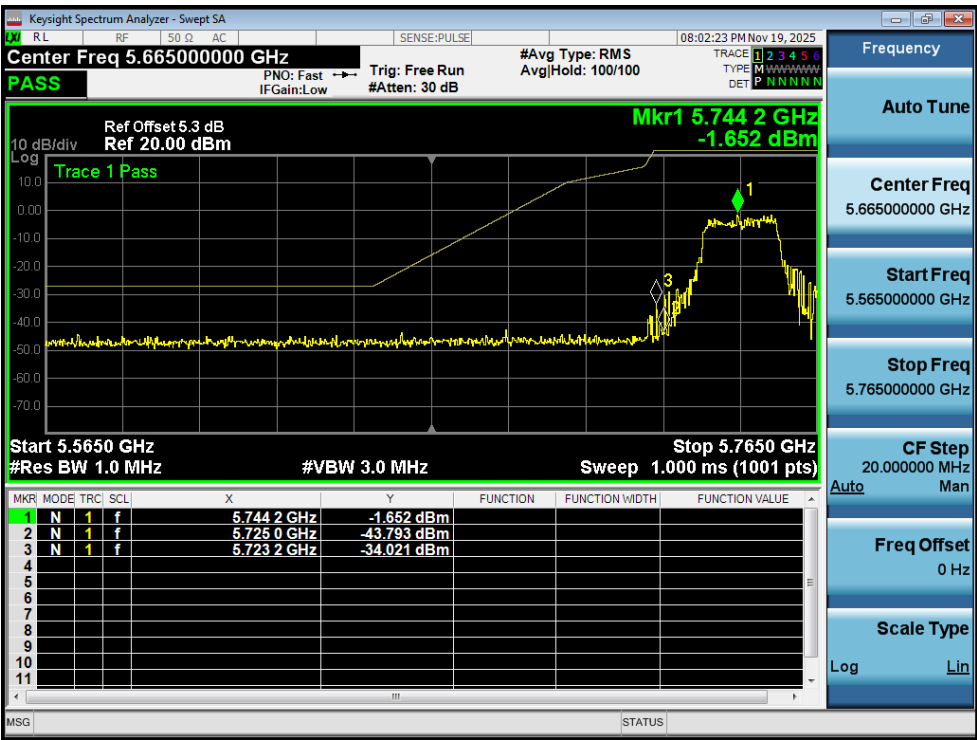
Band Edge NVNT ac20 5825MHz High Ant1



Band Edge NVNT ac40 5755MHz Low Ant1



Band Edge NVNT ac40 5795MHz High Ant1



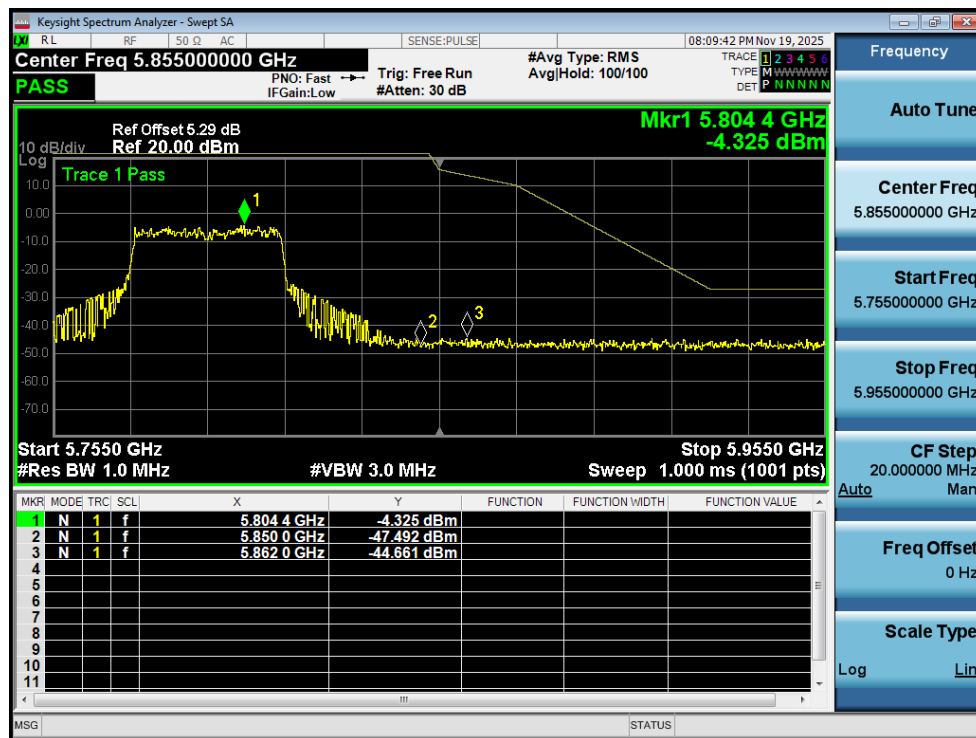
Band Edge NVNT ax20 5745MHz Low Ant1



Band Edge NVNT ax20 5825MHz High Ant1



Band Edge NVNT ax40 5755MHz Low Ant1

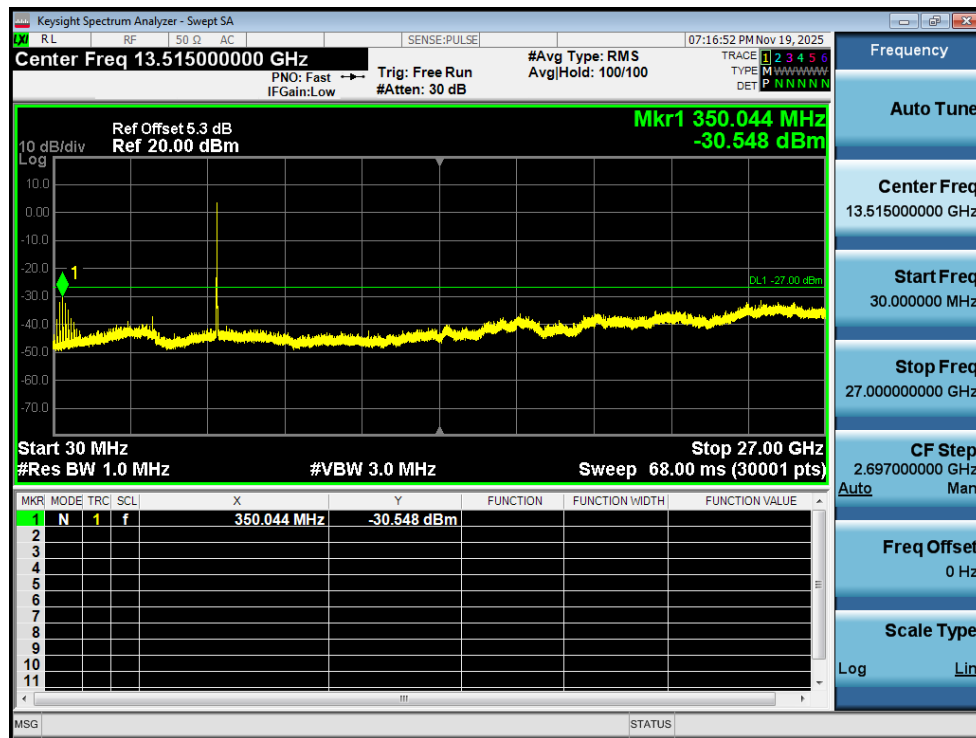


Band Edge NVNT ax40 5795MHz High Ant1

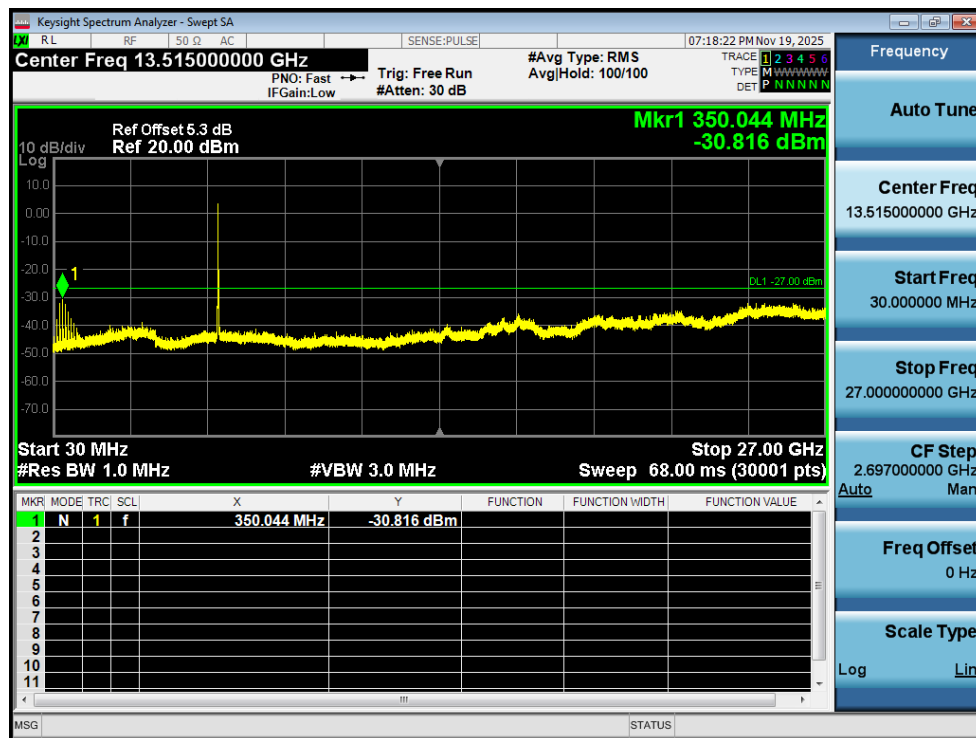
7. Conducted RF Spurious Emission

Condition	Mode	Frequency (MHz)	Antenna	Max Value (dBc)	Limit (dBc)	Verdict
NVNT	a	5745	Ant1	-30.54	-27	Pass
NVNT	a	5785	Ant1	-30.81	-27	Pass
NVNT	a	5825	Ant1	-30.42	-27	Pass
NVNT	n20	5745	Ant1	-30.72	-27	Pass
NVNT	n20	5785	Ant1	-30.31	-27	Pass
NVNT	n20	5825	Ant1	-30.78	-27	Pass
NVNT	n40	5755	Ant1	-30.85	-27	Pass
NVNT	n40	5795	Ant1	-30.67	-27	Pass
NVNT	ac20	5745	Ant1	-30.52	-27	Pass
NVNT	ac20	5785	Ant1	-30.74	-27	Pass
NVNT	ac20	5825	Ant1	-30.5	-27	Pass
NVNT	ac40	5755	Ant1	-30.7	-27	Pass
NVNT	ac40	5795	Ant1	-30.82	-27	Pass
NVNT	ax20	5745	Ant1	-30.71	-27	Pass
NVNT	ax20	5785	Ant1	-30.94	-27	Pass
NVNT	ax20	5825	Ant1	-30.91	-27	Pass
NVNT	ax40	5755	Ant1	-30.98	-27	Pass
NVNT	ax40	5795	Ant1	-31.04	-27	Pass

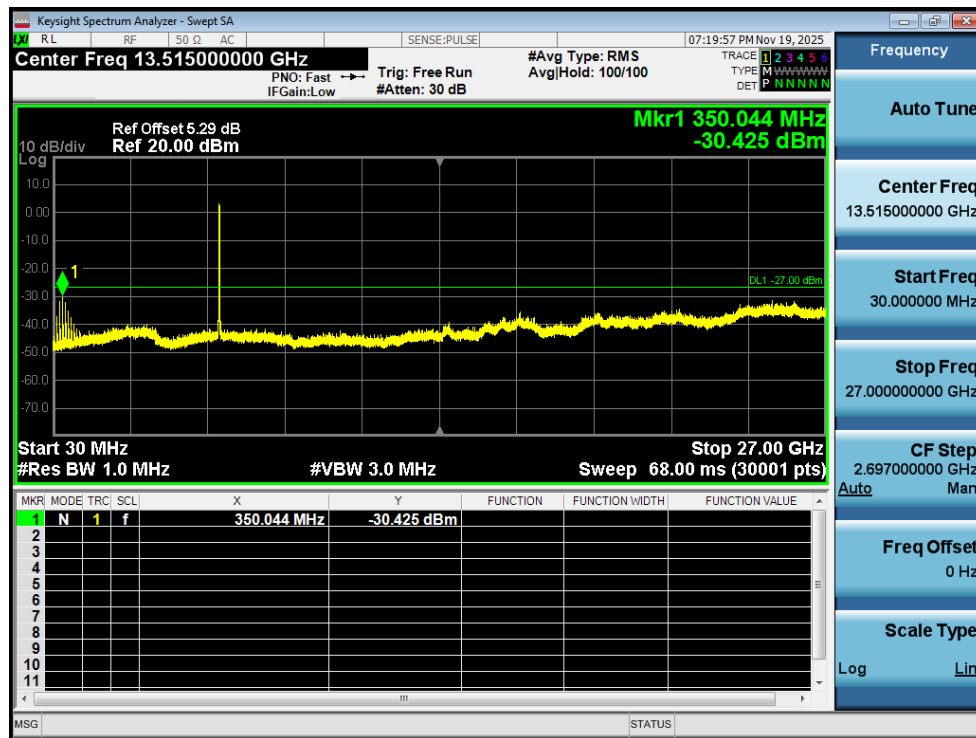
Note: Testing is carried out with frequency rang 30MHz to the 40GHz, above 27GHz not recorded for no spurious point have a margin of less than 20dB with respect to the limits.



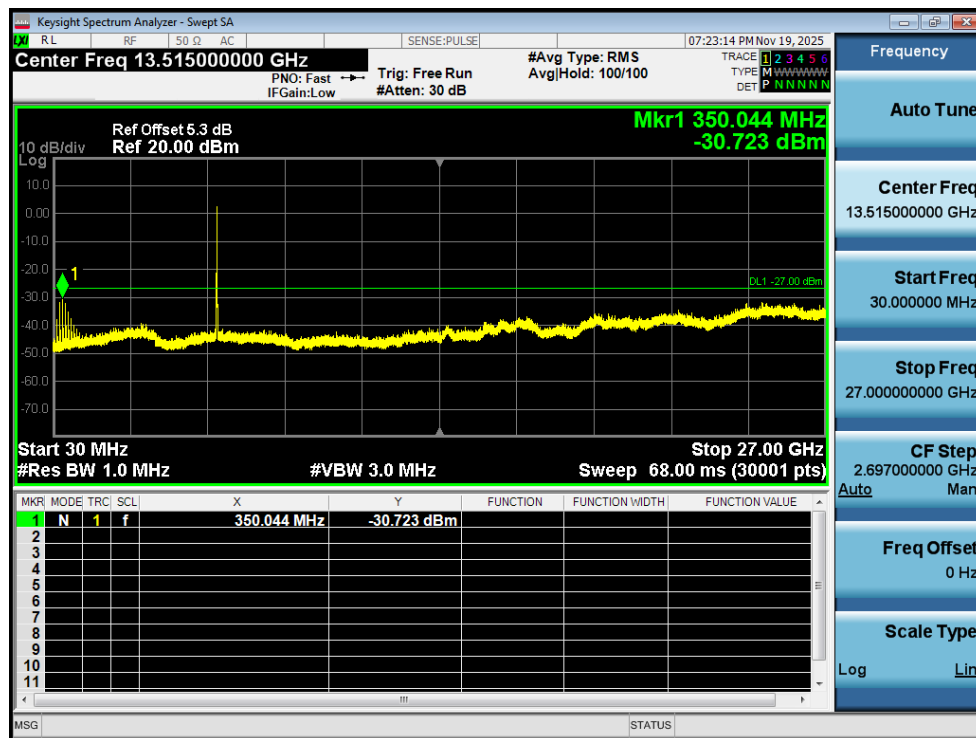
Tx. Spurious NVNT a 5745MHz Ant1 Emission



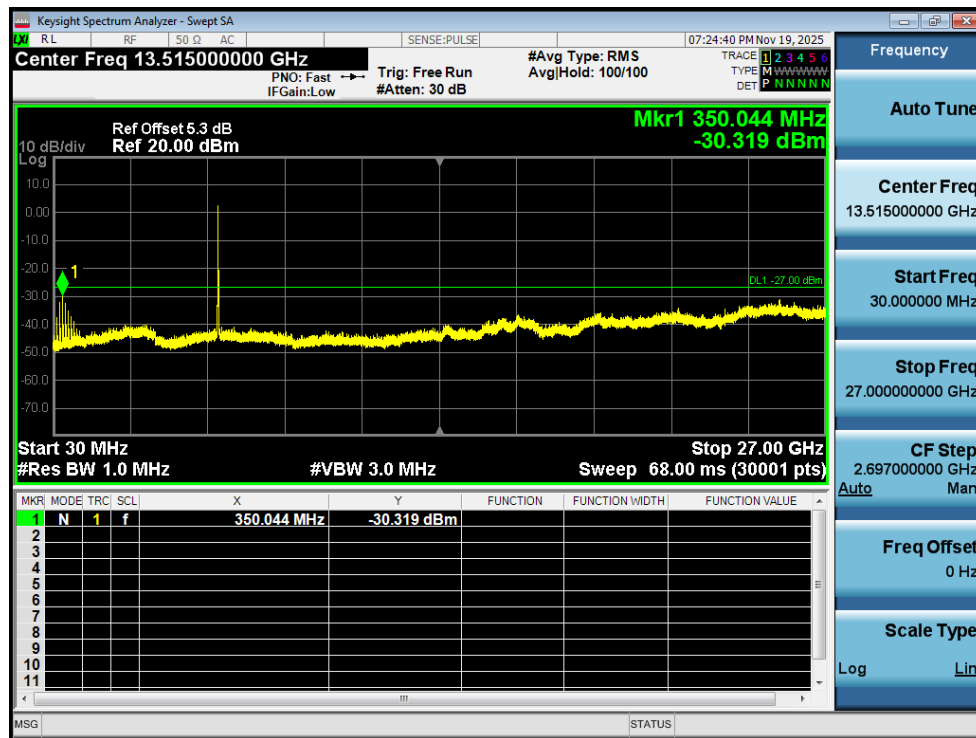
Tx. Spurious NVNT a 5785MHz Ant1 Emission



Tx. Spurious NVNT a 5825MHz Ant1 Emission



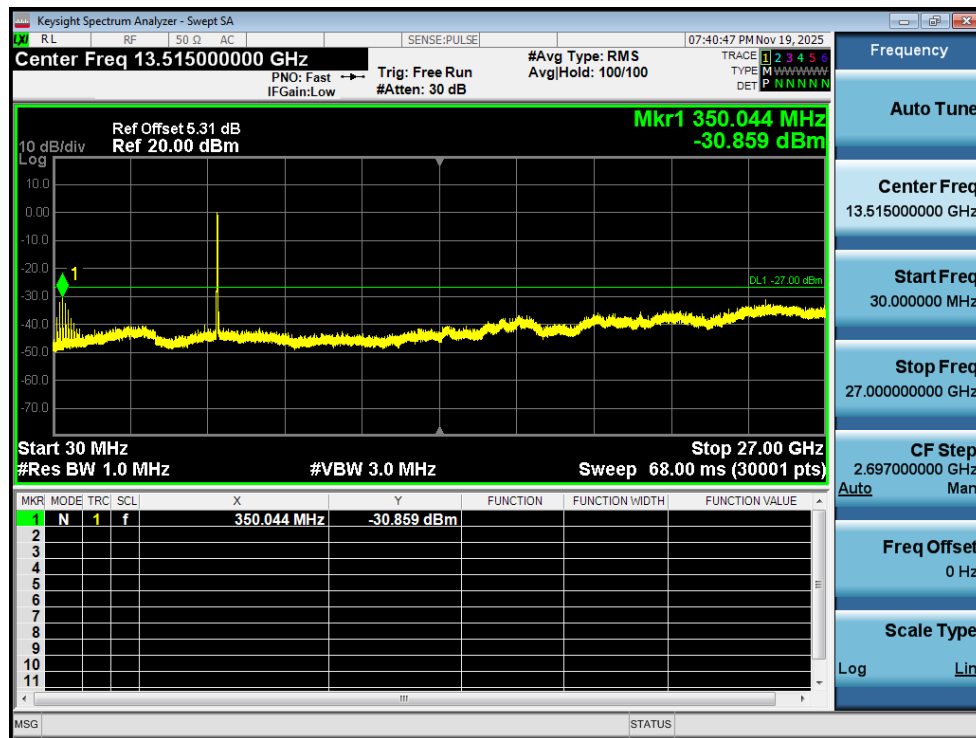
Tx. Spurious NVNT n20 5745MHz Ant1 Emission



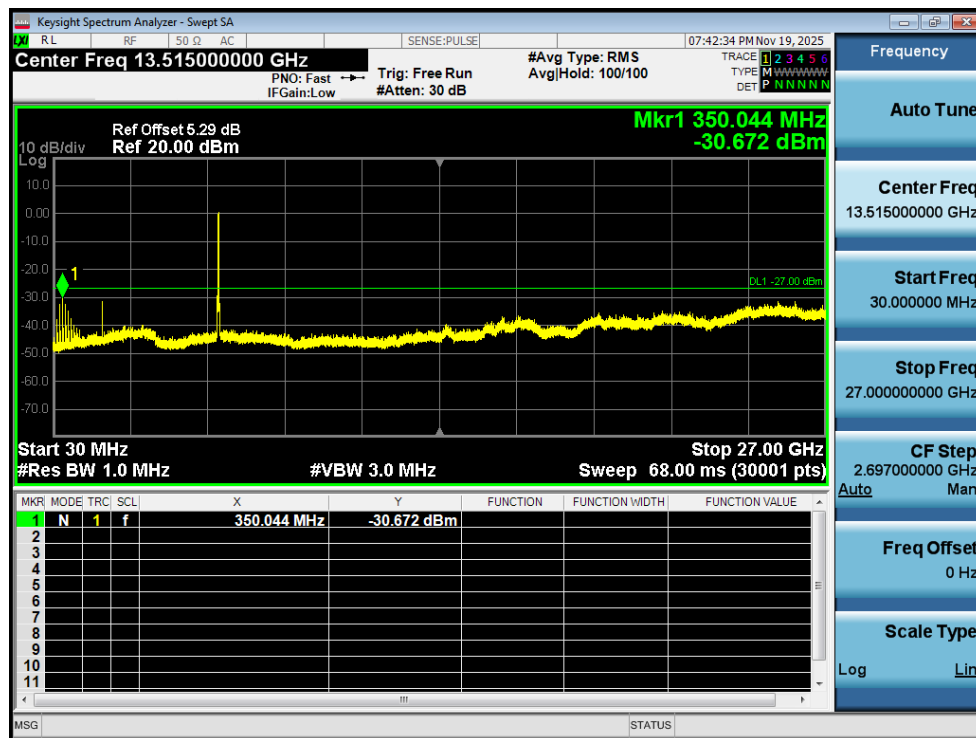
Tx. Spurious NVNT n20 5785MHz Ant1 Emission



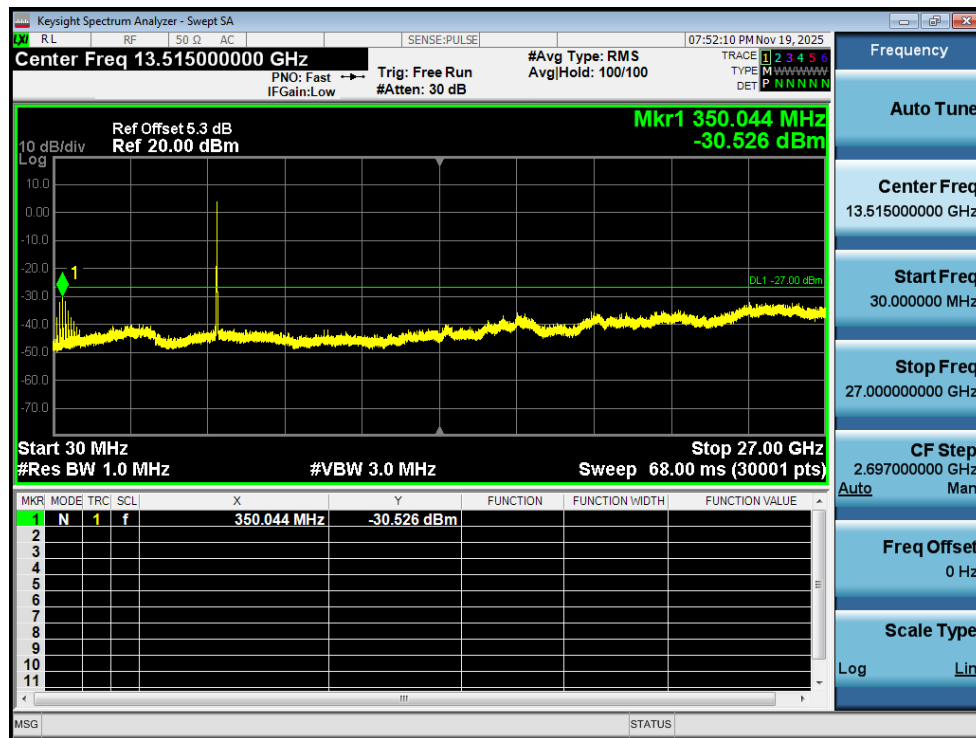
Tx. Spurious NVNT n20 5825MHz Ant1 Emission



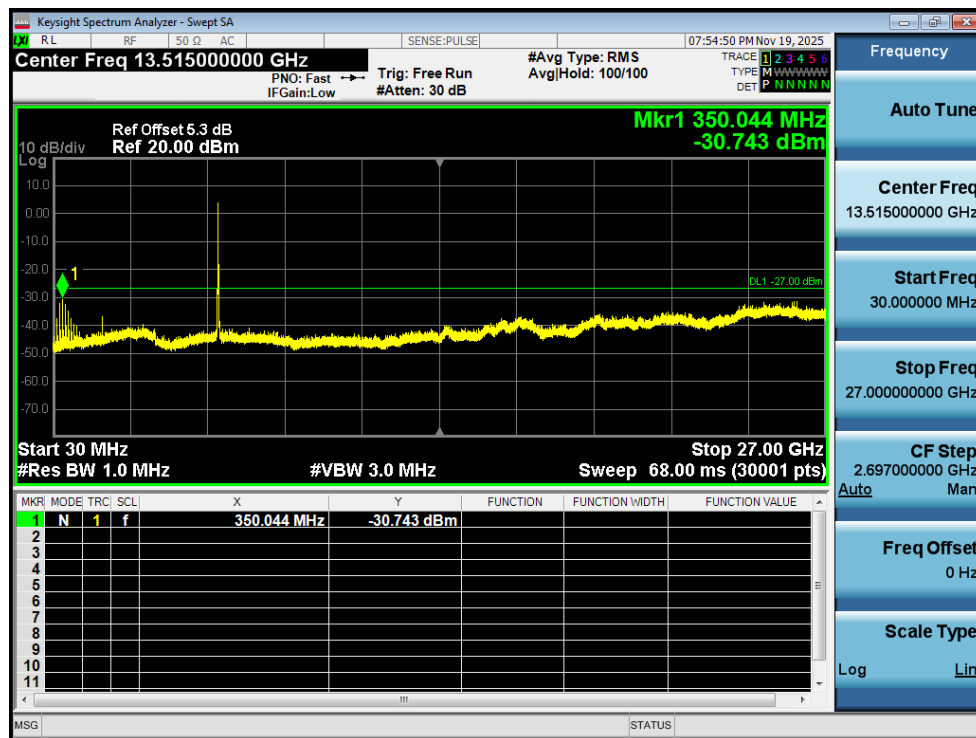
Tx. Spurious NVNT n40 5755MHz Ant1 Emission



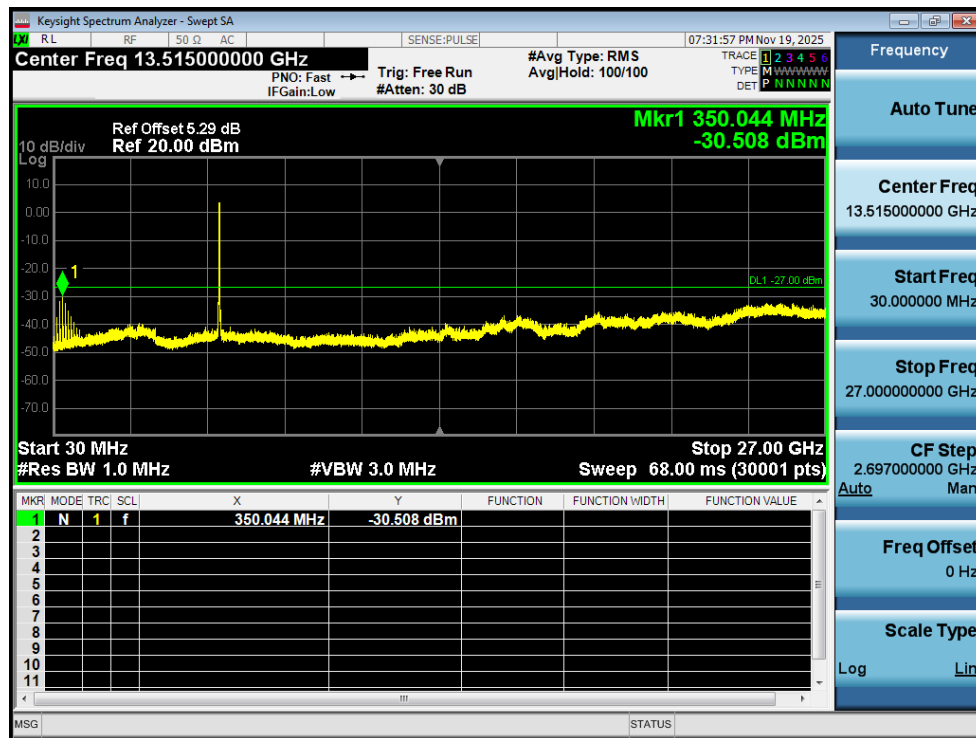
Tx. Spurious NVNT n40 5795MHz Ant1 Emission



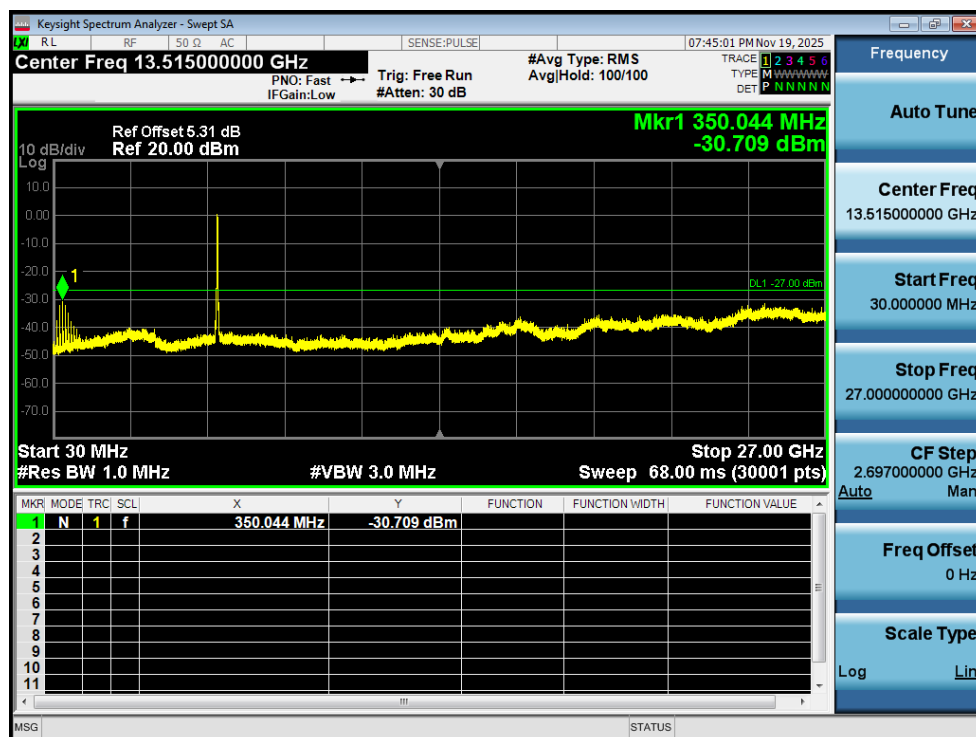
Tx. Spurious NVNT ac20 5745MHz Ant1 Emission



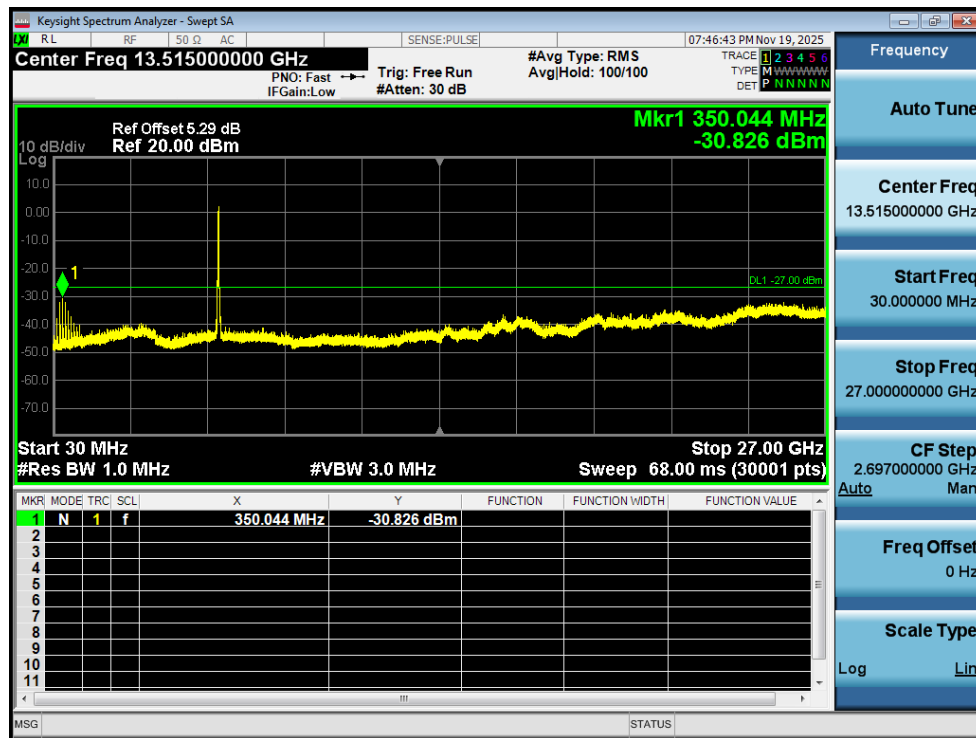
Tx. Spurious NVNT ac20 5785MHz Ant1 Emission



Tx. Spurious NVNT ac20 5825MHz Ant1 Emission



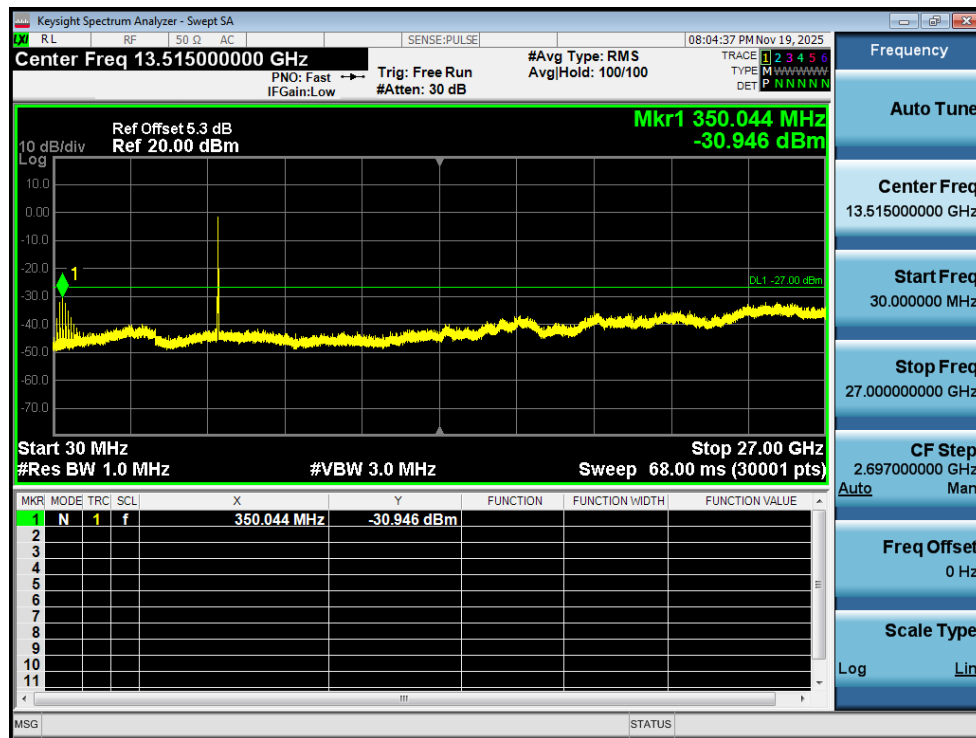
Tx. Spurious NVNT ac40 5755MHz Ant1 Emission



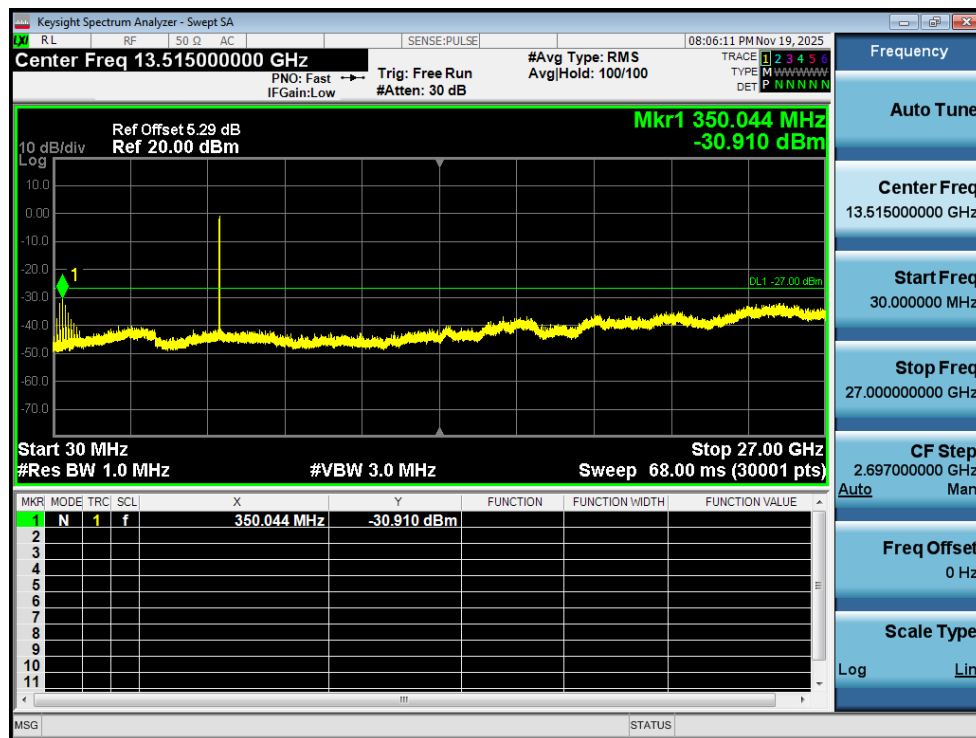
Tx. Spurious NVNT ac40 5795MHz Ant1 Emission



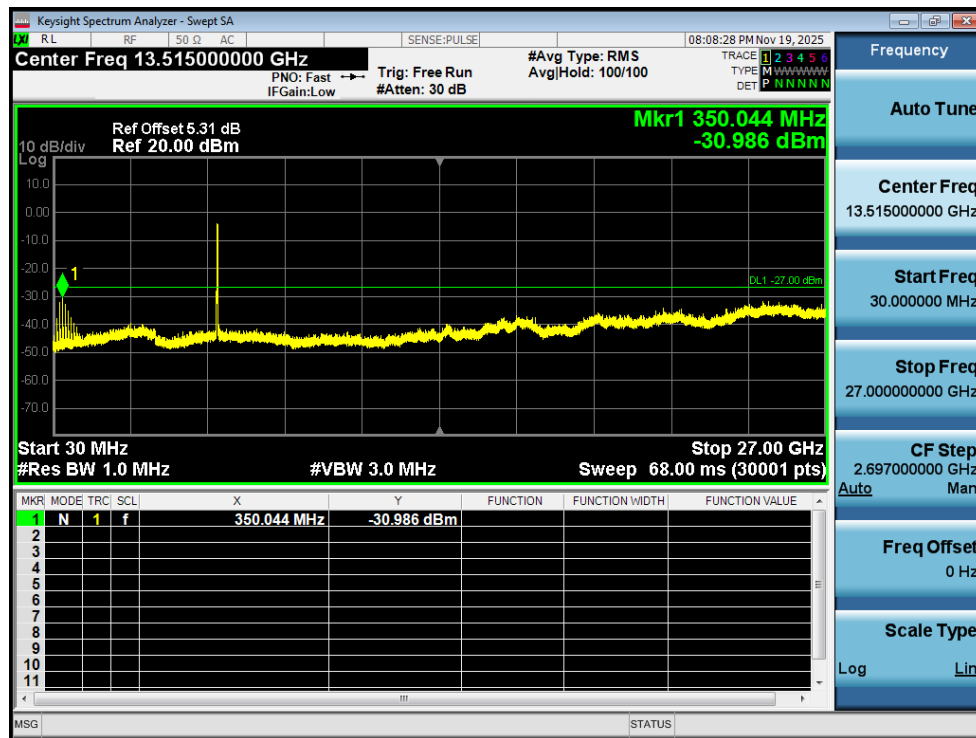
Tx. Spurious NVNT ax20 5745MHz Ant1 Emission



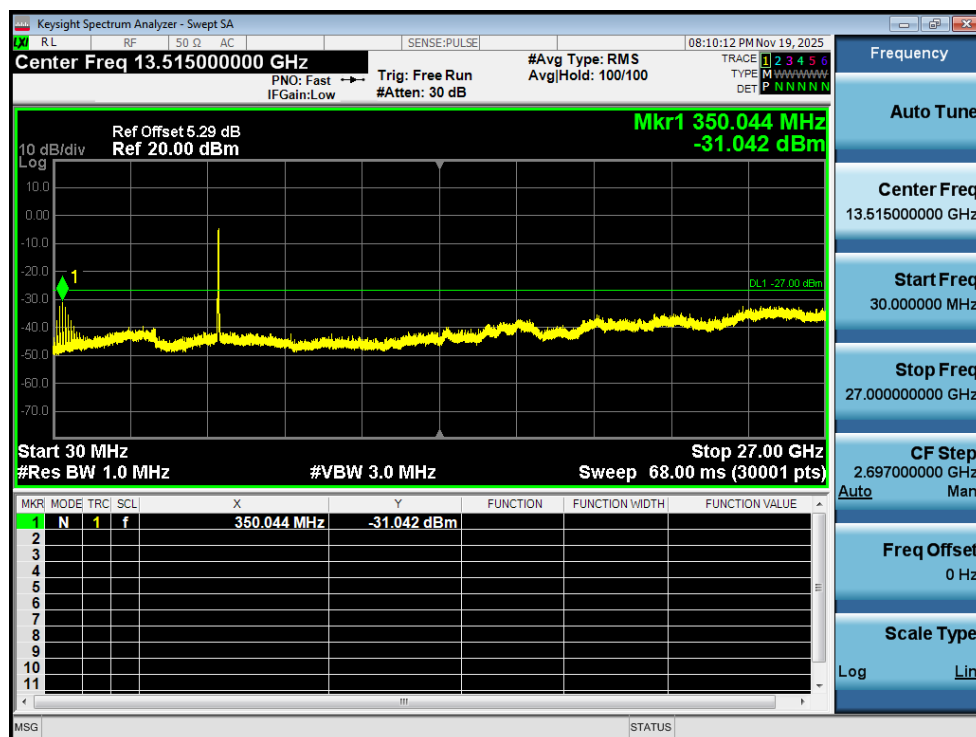
Tx. Spurious NVNT ax20 5785MHz Ant1 Emission



Tx. Spurious NVNT ax20 5825MHz Ant1 Emission



Tx. Spurious NVNT ax40 5755MHz Ant1 Emission



Tx. Spurious NVNT ax40 5795MHz Ant1 Emission