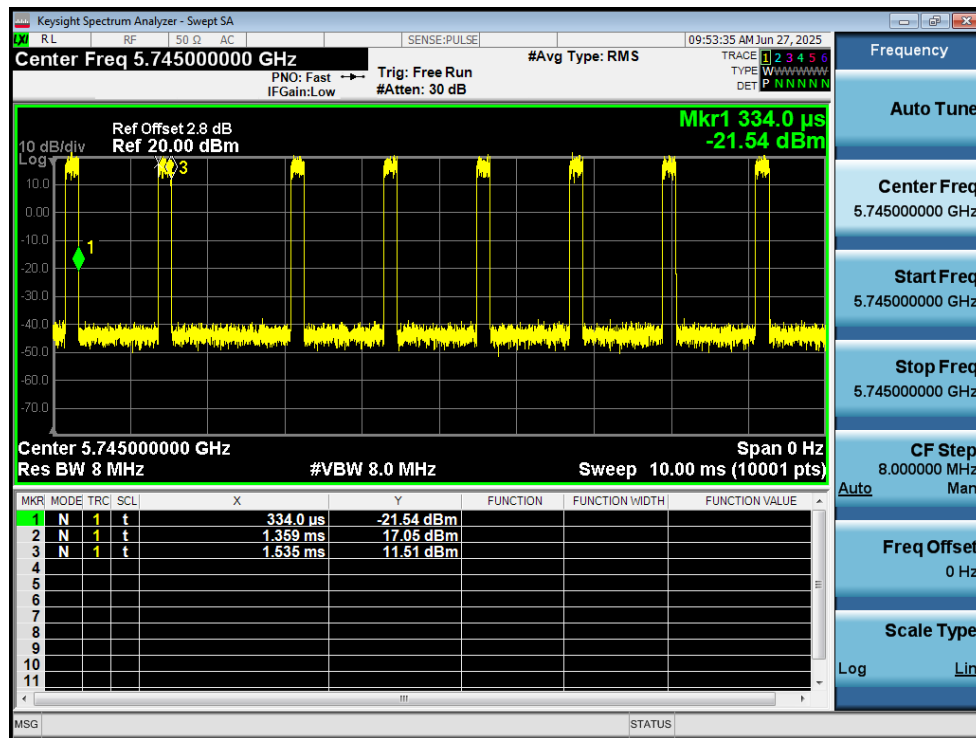


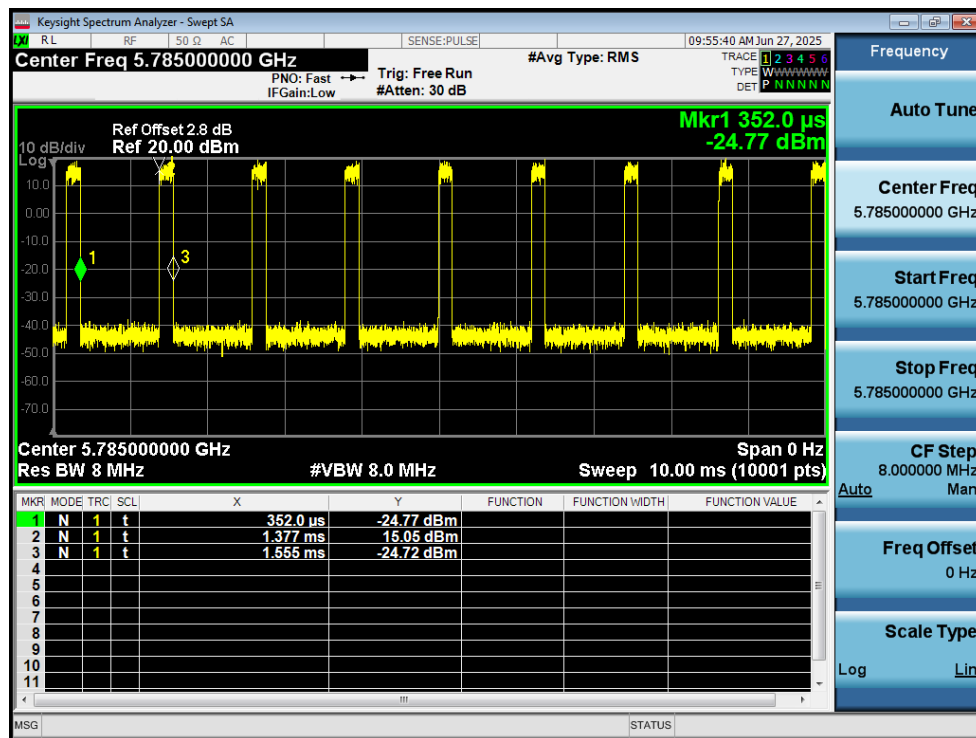
Test Data Appendix of Test Report

1. Duty Cycle

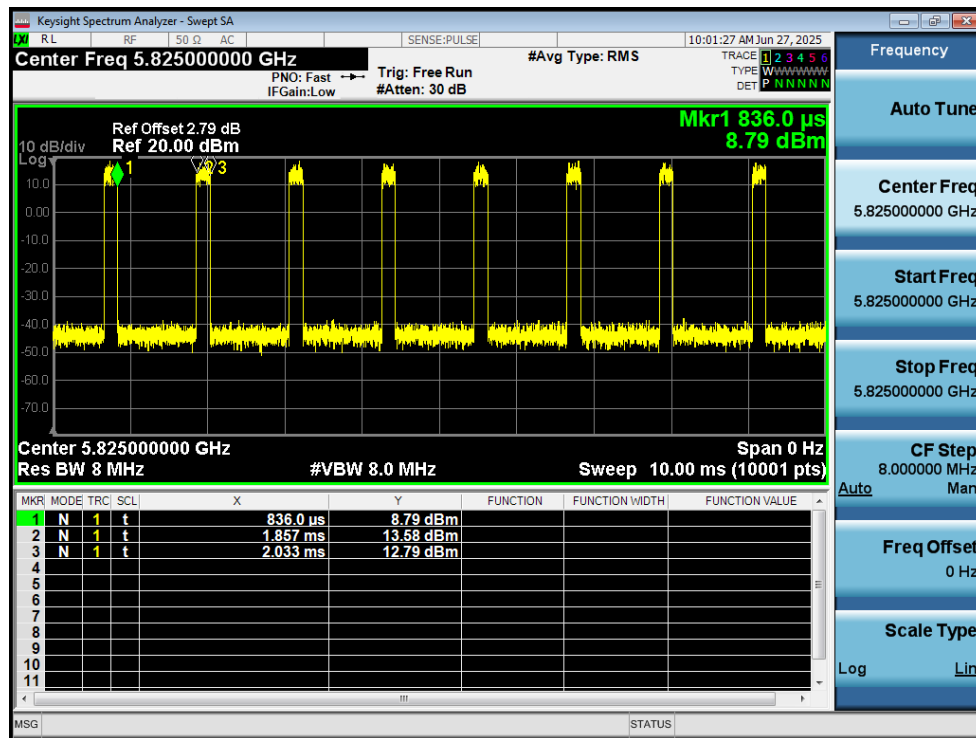
Condition	Mode	Frequency (MHz)	Antenna	Duty Cycle (%)	Correction Factor (dB)	1/T (kHz)
NVNT	a	5745	Ant1	14.65	8.34	5.68
NVNT	a	5785	Ant1	14.8	8.3	5.62
NVNT	a	5825	Ant1	14.7	8.33	5.68
NVNT	n20	5745	Ant1	34.89	4.57	1.83
NVNT	n20	5785	Ant1	34.89	4.57	1.83
NVNT	n20	5825	Ant1	34.76	4.59	1.84
NVNT	n40	5755	Ant1	31.24	5.05	1.9
NVNT	n40	5795	Ant1	34.05	4.68	1.9
NVNT	ac20	5745	Ant1	31.14	5.07	2.16
NVNT	ac20	5785	Ant1	31.25	5.05	2.16
NVNT	ac20	5825	Ant1	31.29	5.05	2.15
NVNT	ac40	5755	Ant1	28.54	5.45	2.44
NVNT	ac40	5795	Ant1	28.61	5.43	2.44
NVNT	ax20	5745	Ant1	56.09	2.51	0.77
NVNT	ax20	5785	Ant1	36.57	4.37	0.77
NVNT	ax20	5825	Ant1	55.97	2.52	0.77
NVNT	ax40	5755	Ant1	55.08	2.59	0.8
NVNT	ax40	5795	Ant1	55.2	2.58	0.8



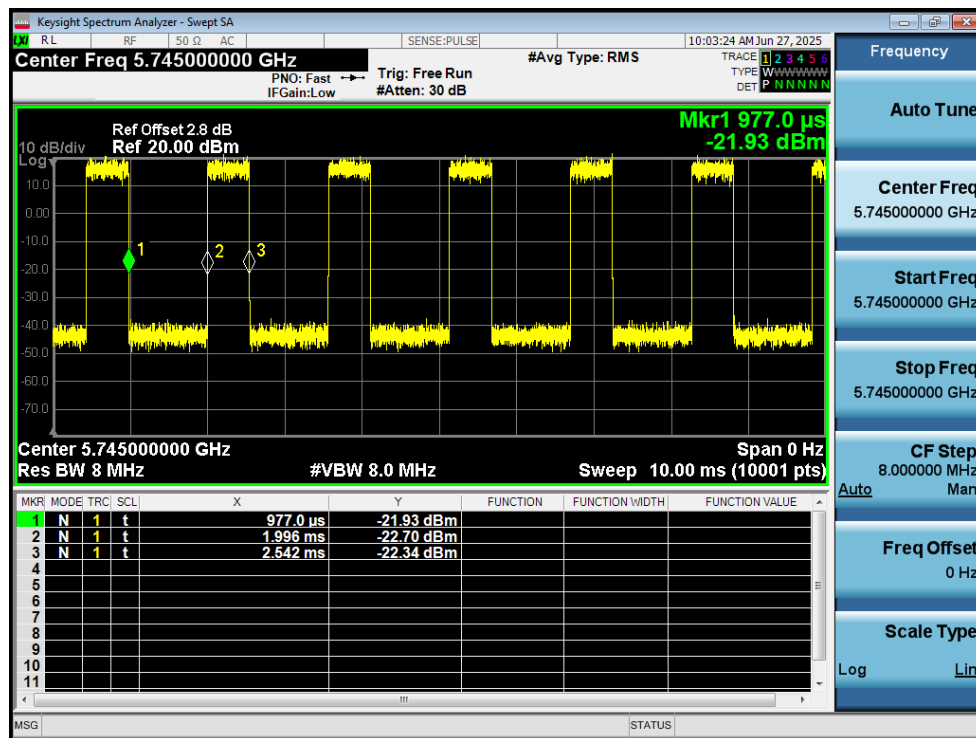
Duty Cycle NVNT a 5745MHz Ant1



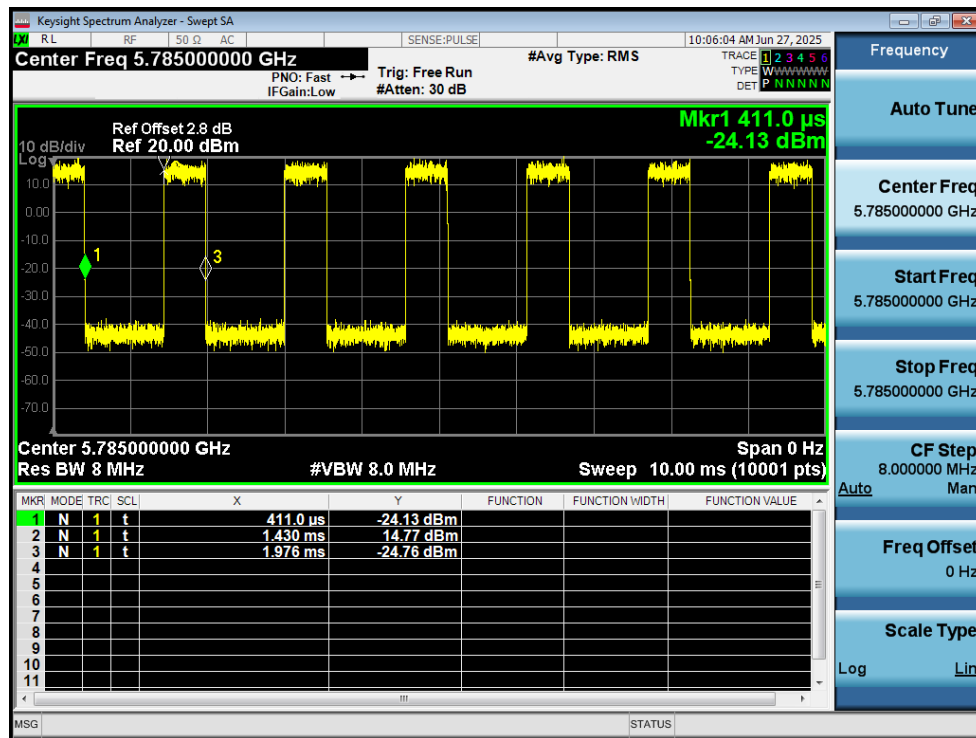
Duty Cycle NVNT a 5785MHz Ant1



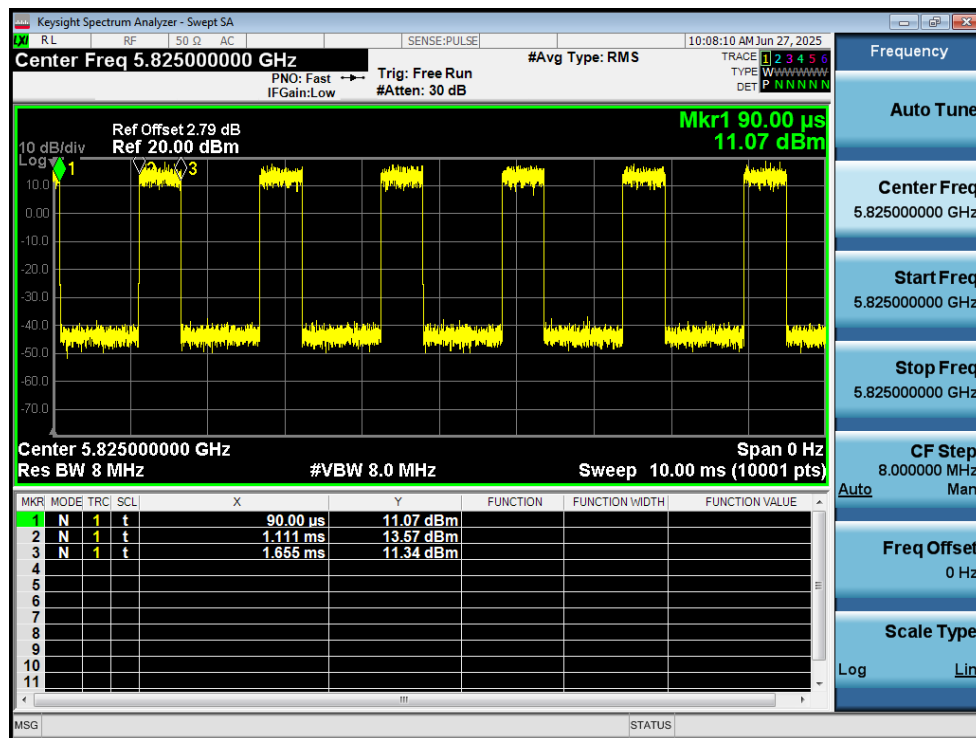
Duty Cycle NVNT a 5825MHz Ant1



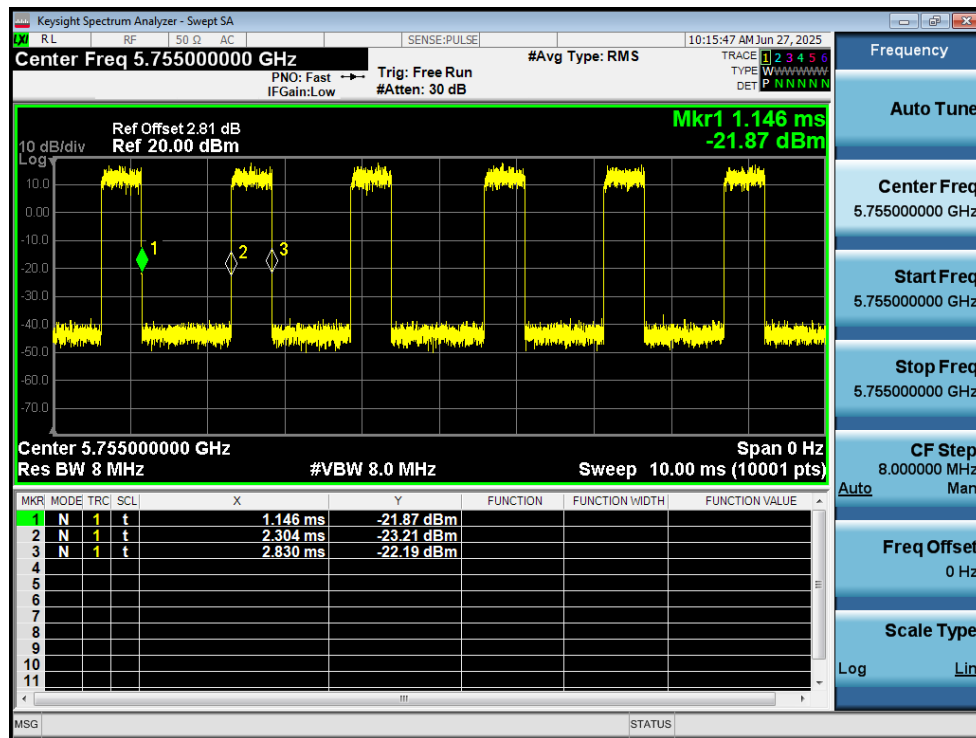
Duty Cycle NVNT n20 5745MHz Ant1



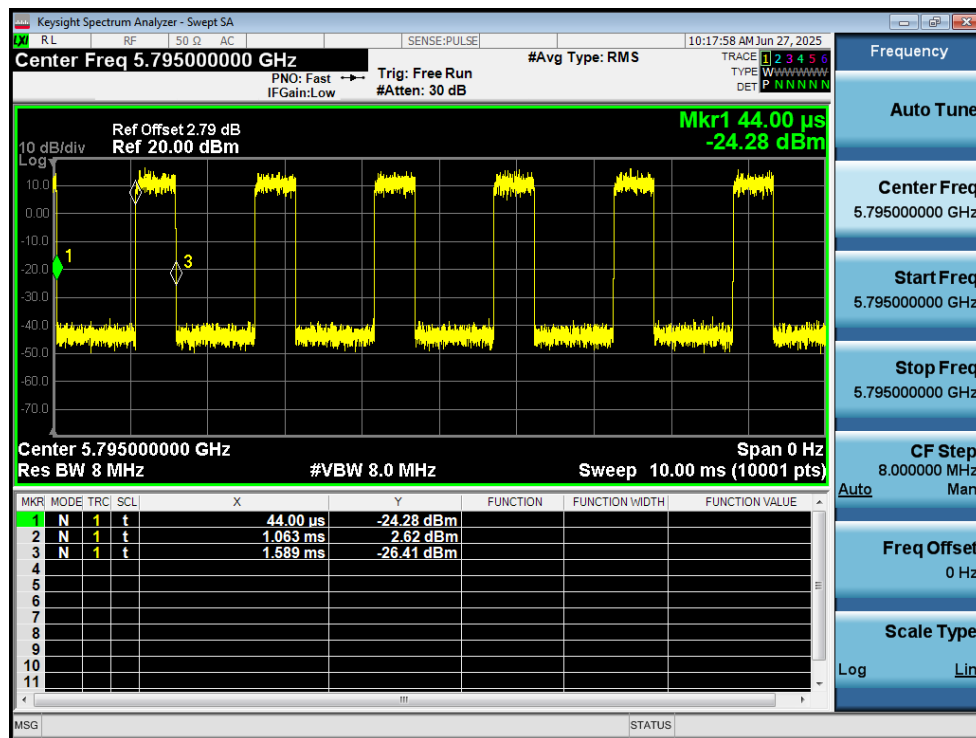
Duty Cycle NVNT n20 5785MHz Ant1



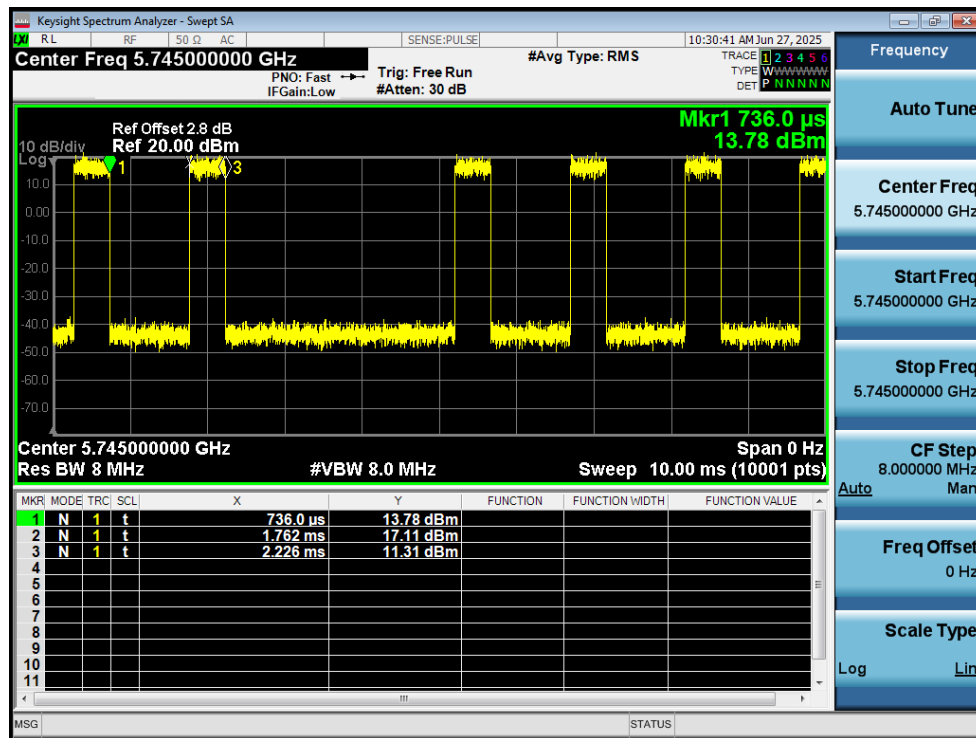
Duty Cycle NVNT n20 5825MHz Ant1



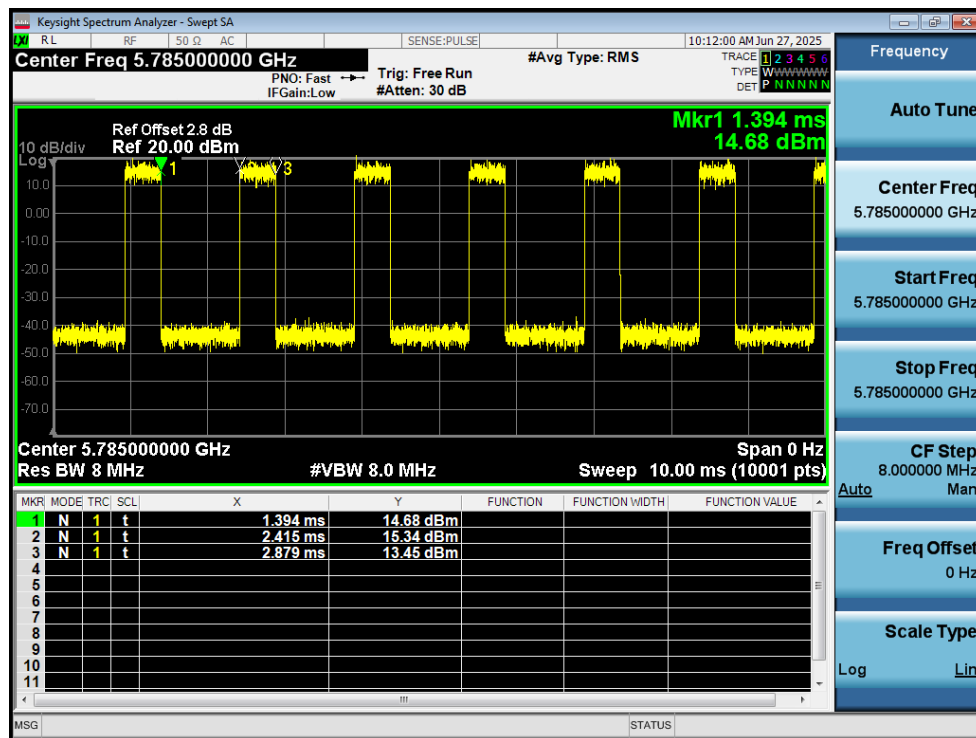
Duty Cycle NVNT n40 5755MHz Ant1



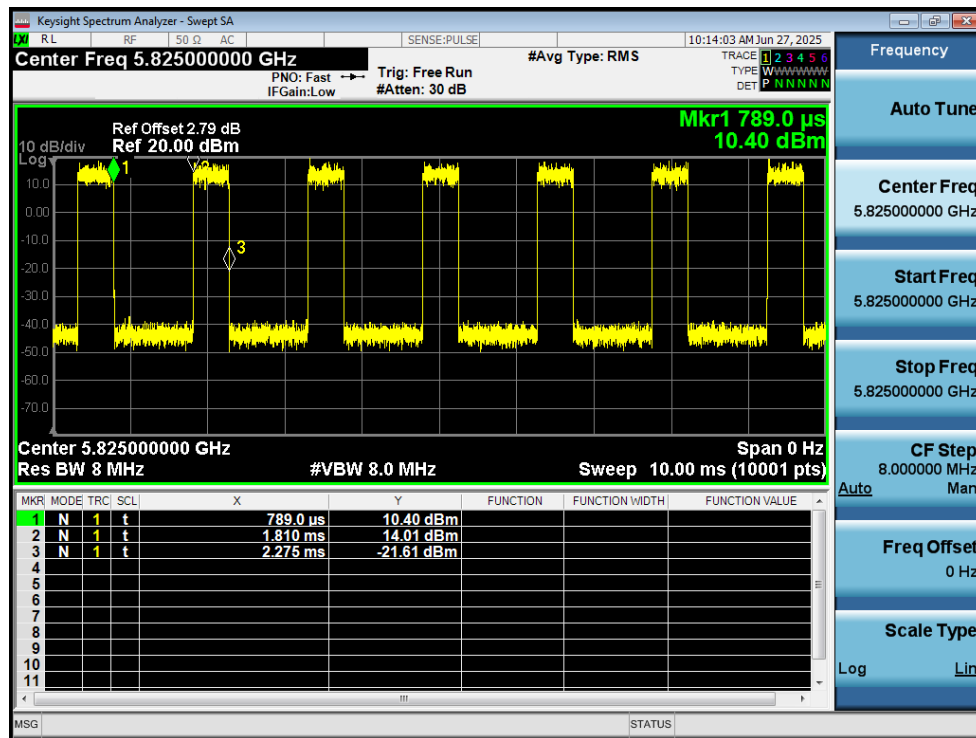
Duty Cycle NVNT n40 5795MHz Ant1



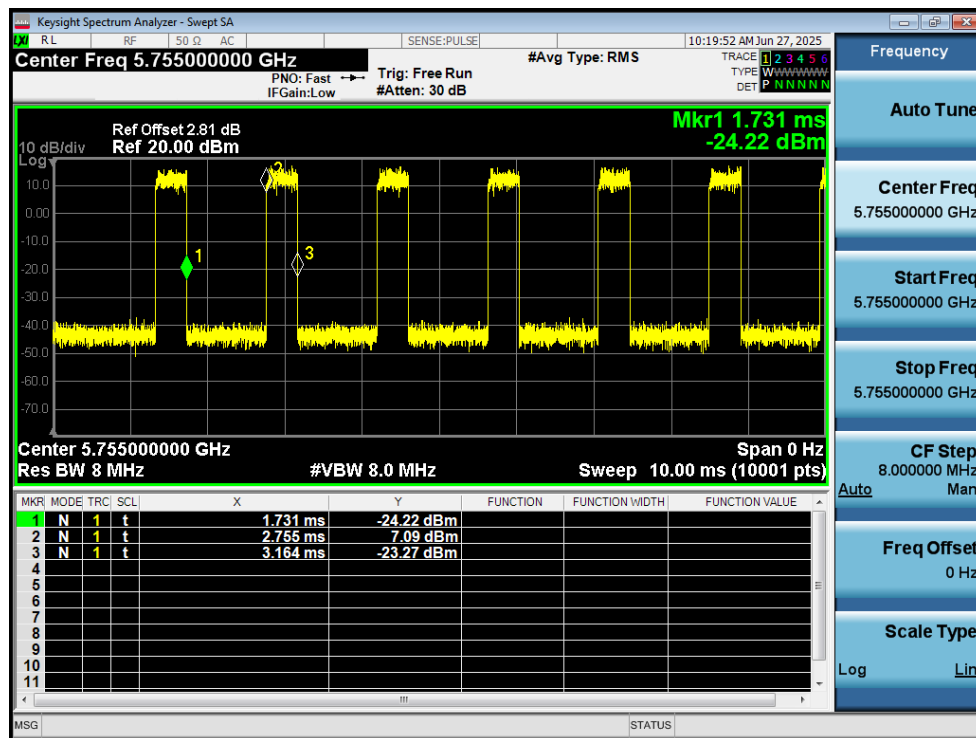
Duty Cycle NVNT ac20 5745MHz Ant1



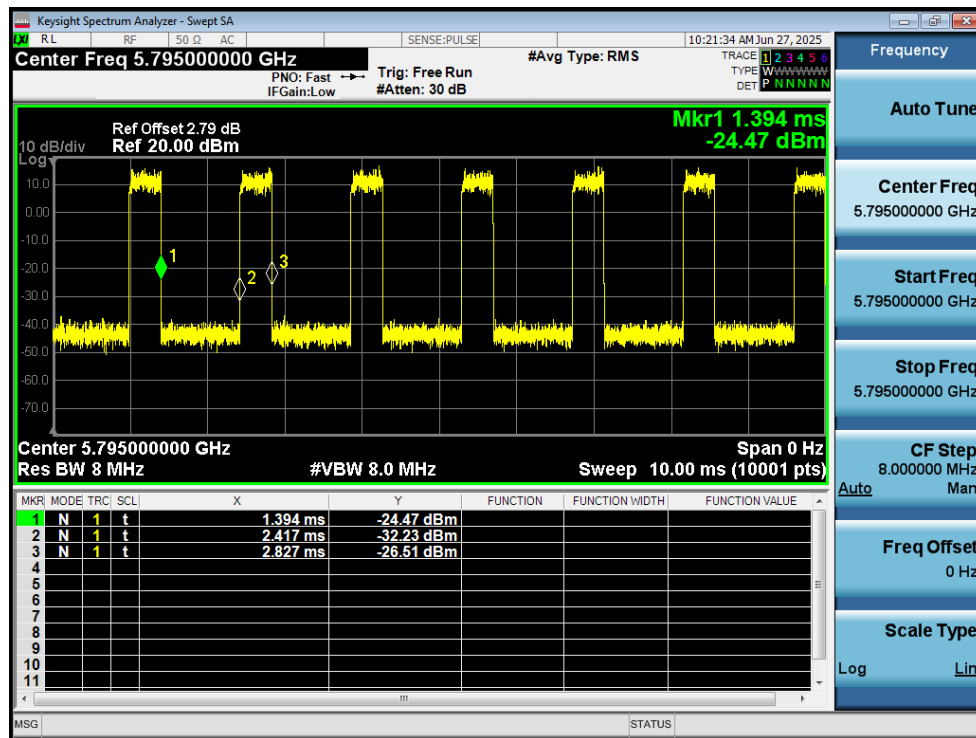
Duty Cycle NVNT ac20 5785MHz Ant1



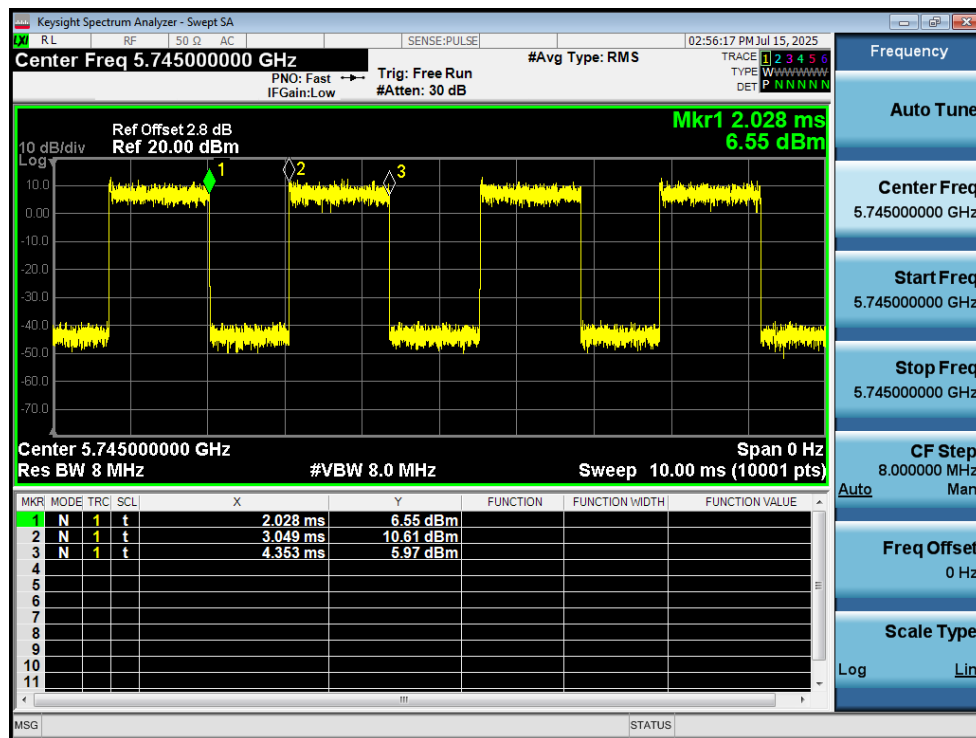
Duty Cycle NVNT ac20 5825MHz Ant1



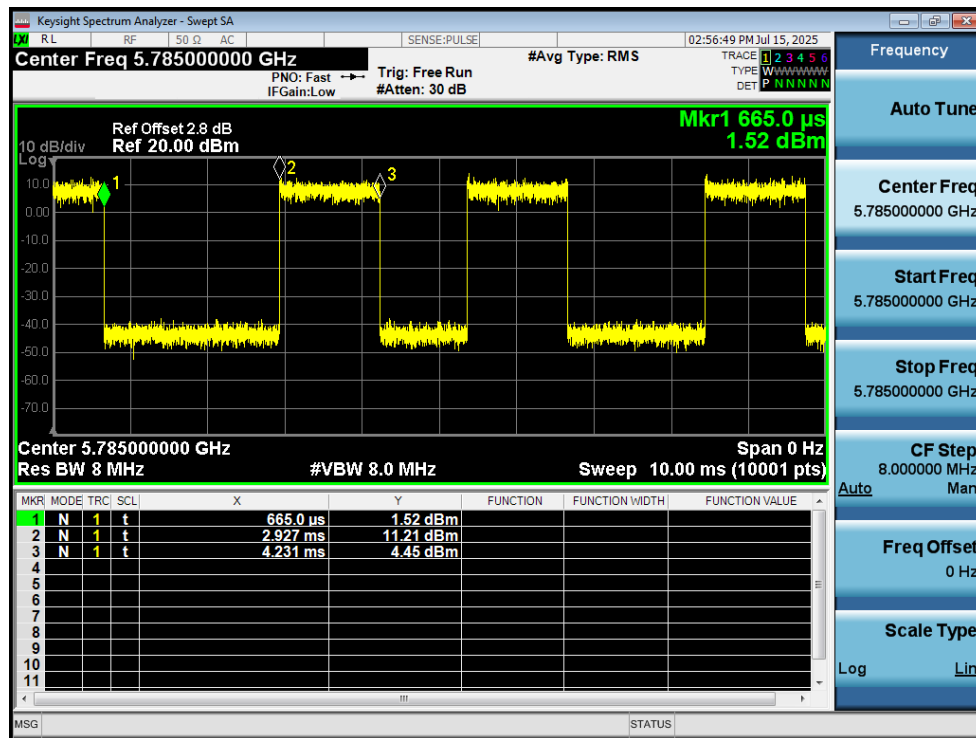
Duty Cycle NVNT ac40 5755MHz Ant1



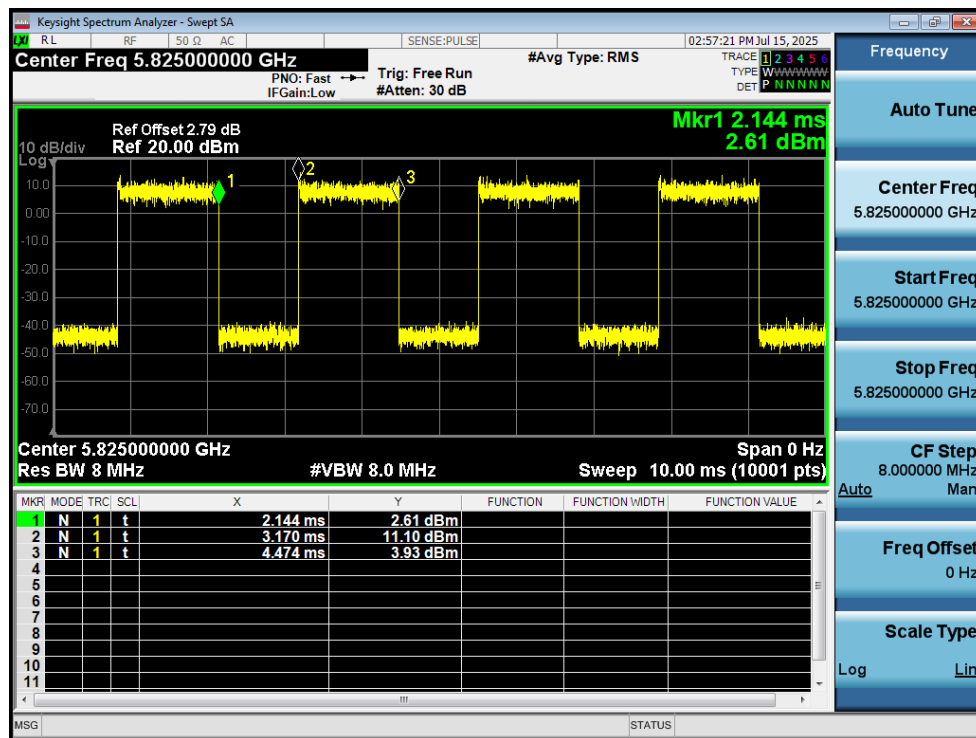
Duty Cycle NVNT ac40 5795MHz Ant1



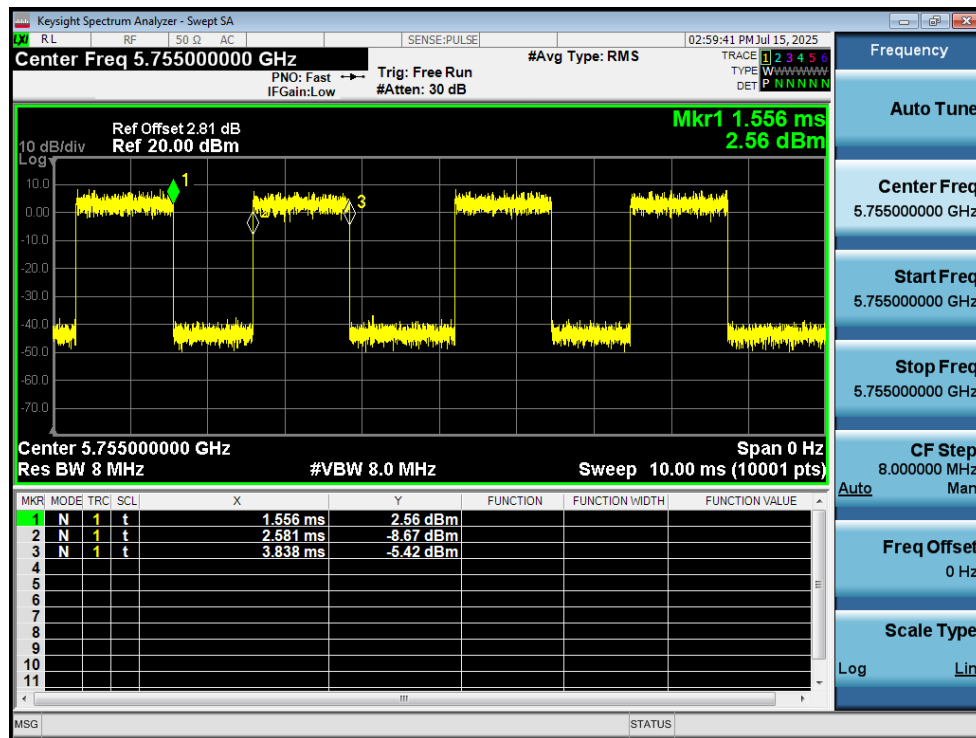
Duty Cycle NVNT ax20 5745MHz Ant1



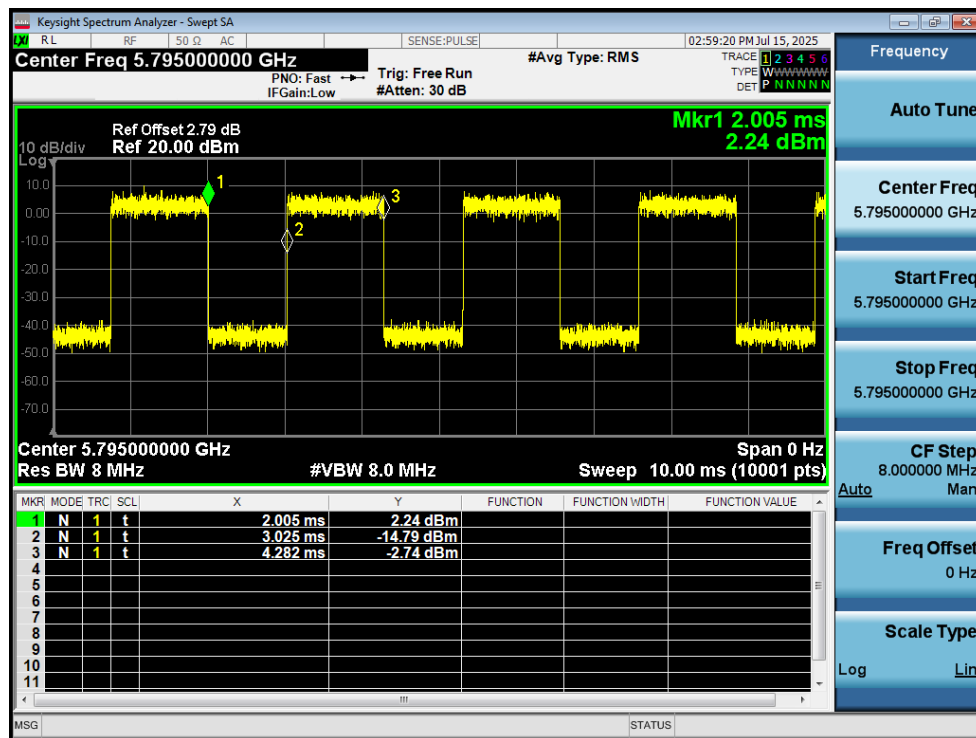
Duty Cycle NVNT ax20 5785MHz Ant1



Duty Cycle NVNT ax20 5825MHz Ant1



Duty Cycle NVNT ax40 5755MHz Ant1

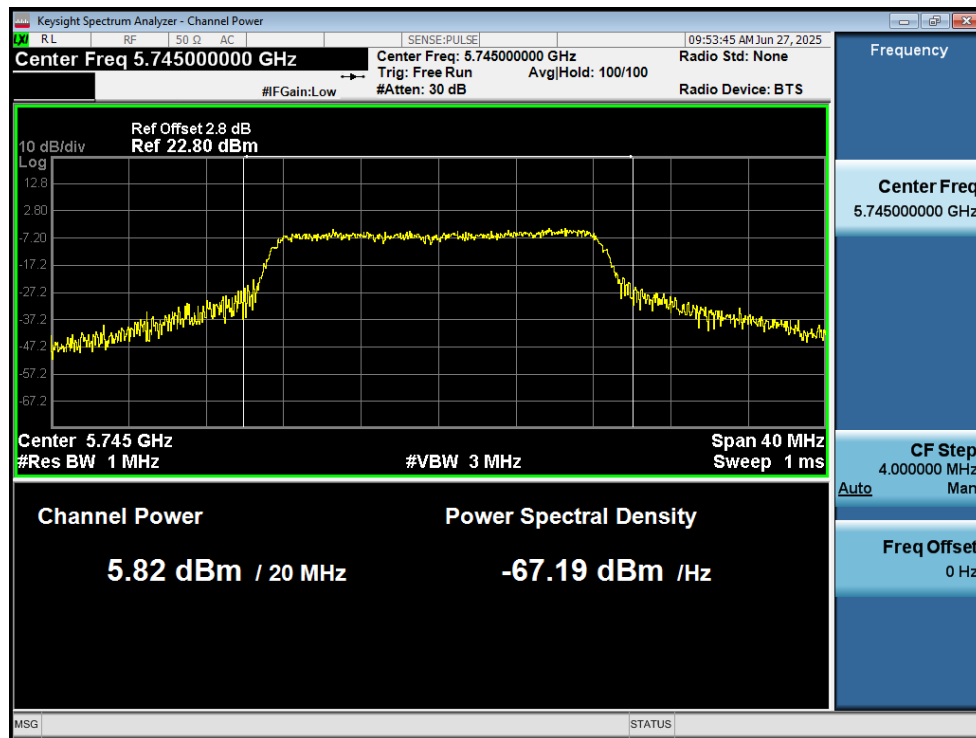


Duty Cycle NVNT ax40 5795MHz Ant1

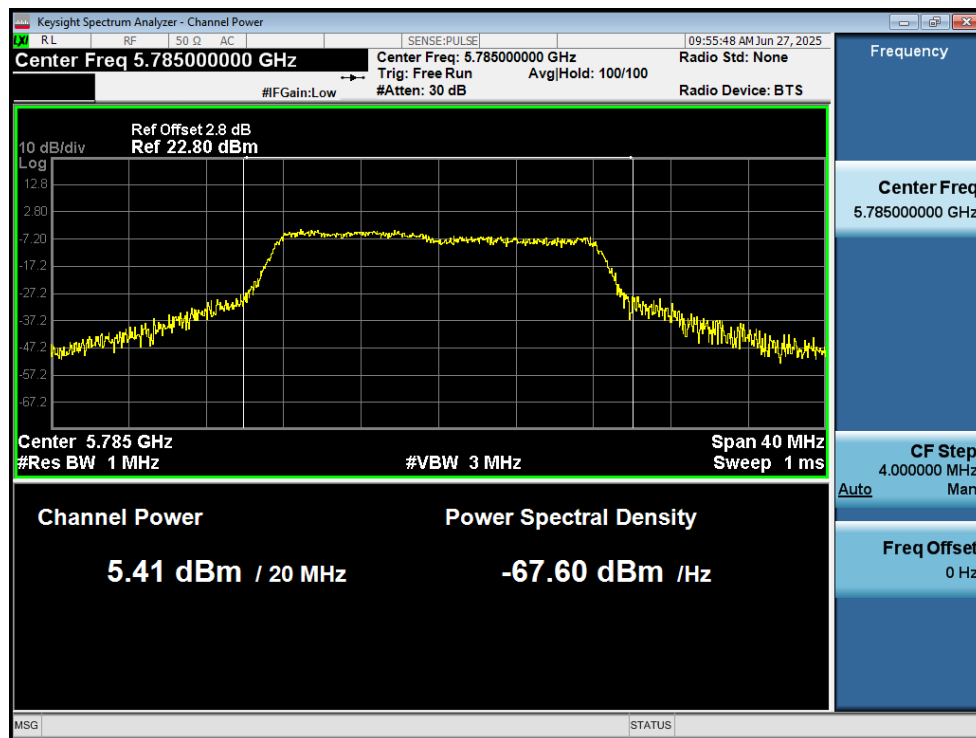
2. Maximum Conducted Output Power

Condition	Mode	Frequency (MHz)	Antenna	Conducted Power (dBm)	Duty Factor (dB)	Total Power (dBm)	Limit (dBm)	Verdict
NVNT	a	5745	Ant1	5.82	8.34	14.16	30	Pass
NVNT	a	5785	Ant1	5.41	8.3	13.71	30	Pass
NVNT	a	5825	Ant1	4.05	8.33	12.38	30	Pass
NVNT	n20	5745	Ant1	9.36	4.57	13.93	30	Pass
NVNT	n20	5785	Ant1	8.2	4.57	12.77	30	Pass
NVNT	n20	5825	Ant1	7.45	4.59	12.04	30	Pass
NVNT	n40	5755	Ant1	9.5	5.05	14.55	30	Pass
NVNT	n40	5795	Ant1	8.39	4.68	13.07	30	Pass
NVNT	ac20	5745	Ant1	9.25	5.07	14.32	30	Pass
NVNT	ac20	5785	Ant1	7.56	5.05	12.61	30	Pass
NVNT	ac20	5825	Ant1	6.97	5.05	12.02	30	Pass
NVNT	ac40	5755	Ant1	8.5	5.45	13.95	30	Pass
NVNT	ac40	5795	Ant1	7.25	5.43	12.68	30	Pass
NVNT	ax20	5745	Ant1	10.5	2.51	13.01	30	Pass
NVNT	ax20	5785	Ant1	11.04	4.37	15.41	30	Pass
NVNT	ax20	5825	Ant1	10.99	2.52	13.51	30	Pass
NVNT	ax40	5755	Ant1	9.92	2.59	12.51	30	Pass
NVNT	ax40	5795	Ant1	10.09	2.58	12.67	30	Pass

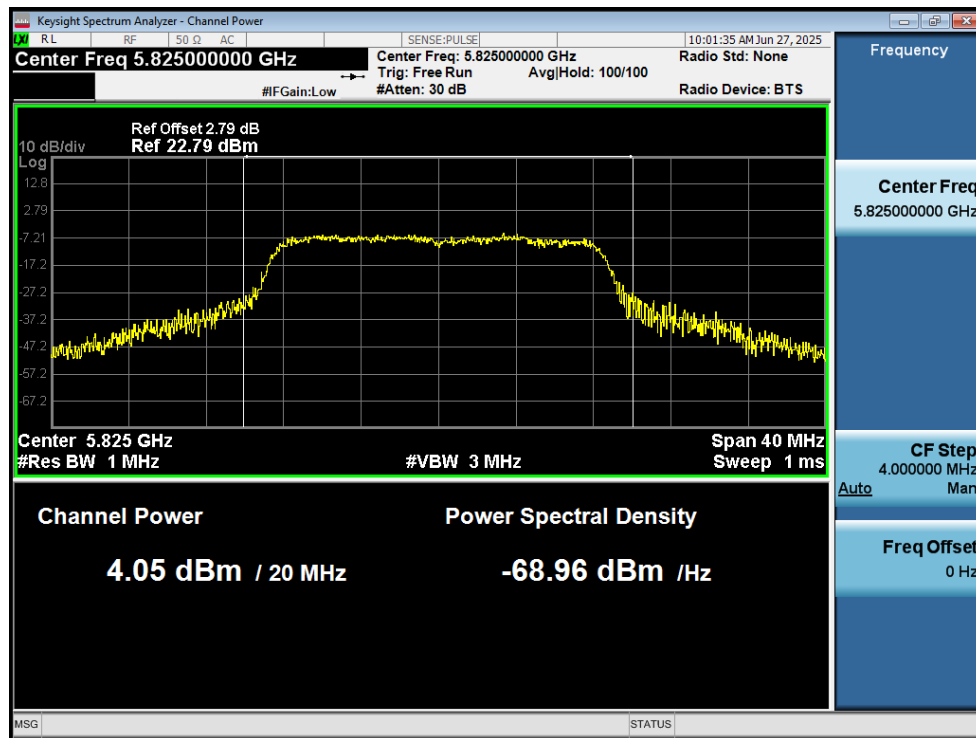
Note: Total power=Conducted power + Duty factor



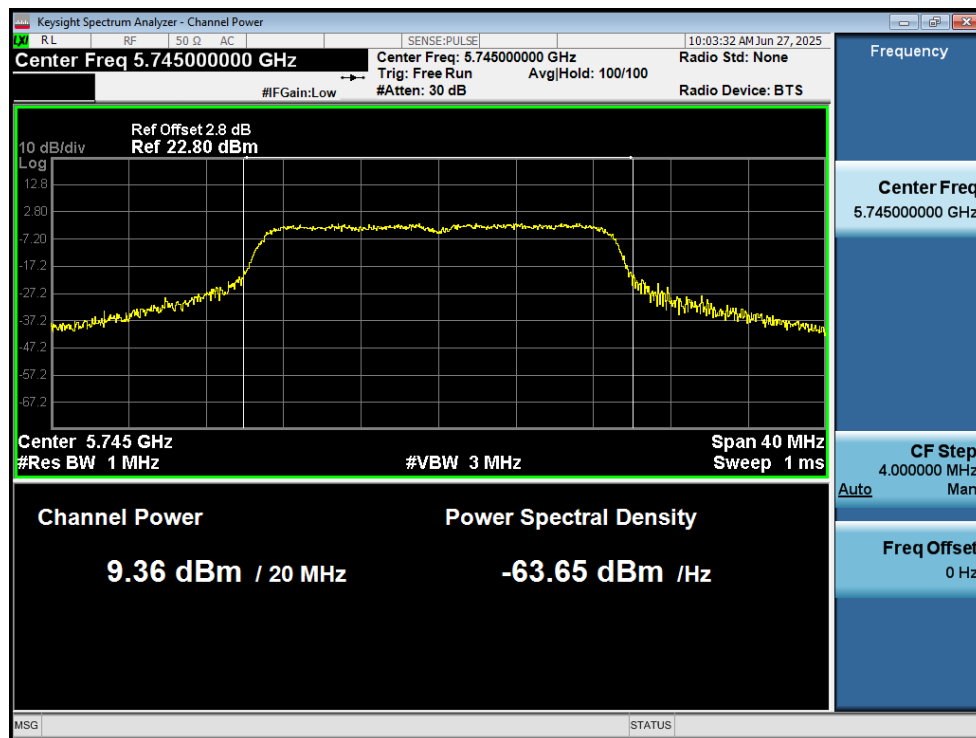
Power NVNT a 5745MHz Ant1



Power NVNT a 5785MHz Ant1



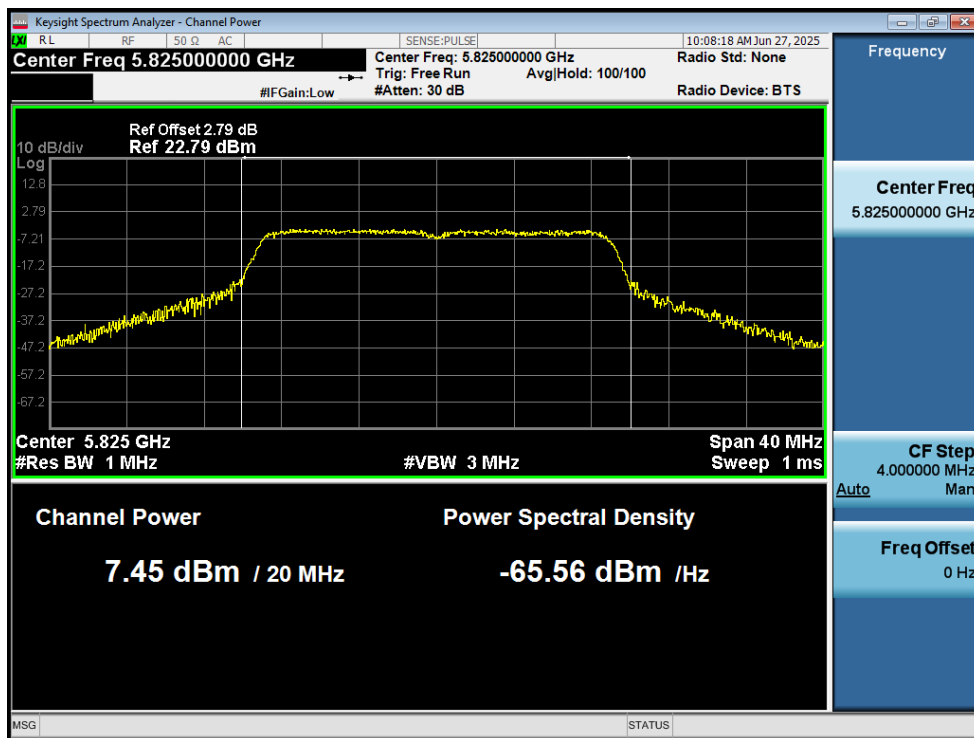
Power NVNT a 5825MHz Ant1



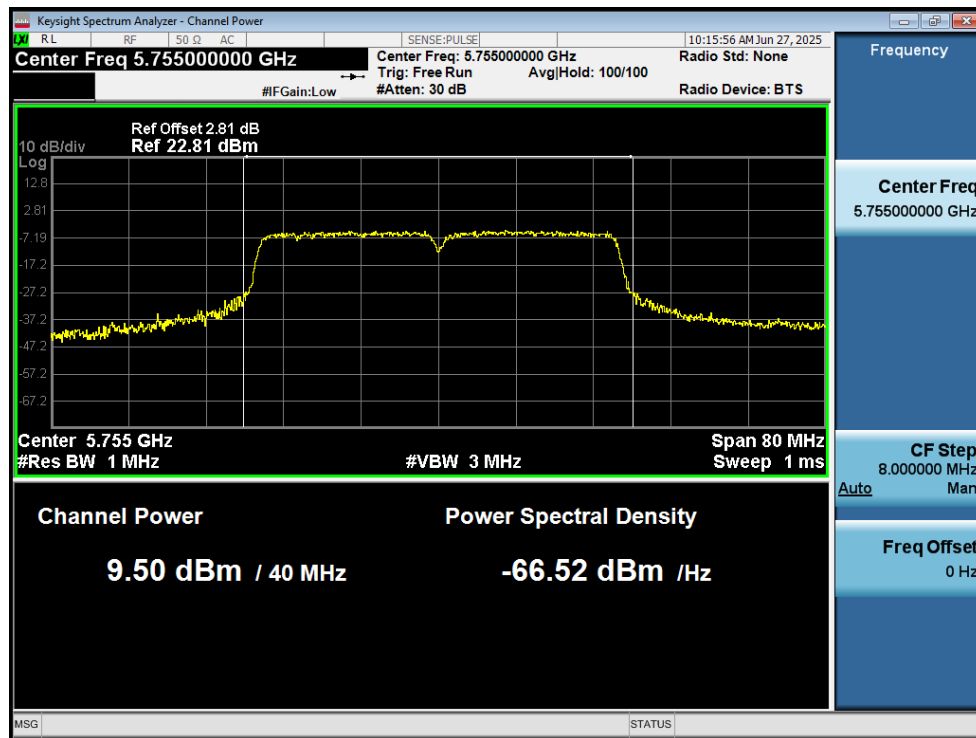
Power NVNT n20 5745MHz Ant1



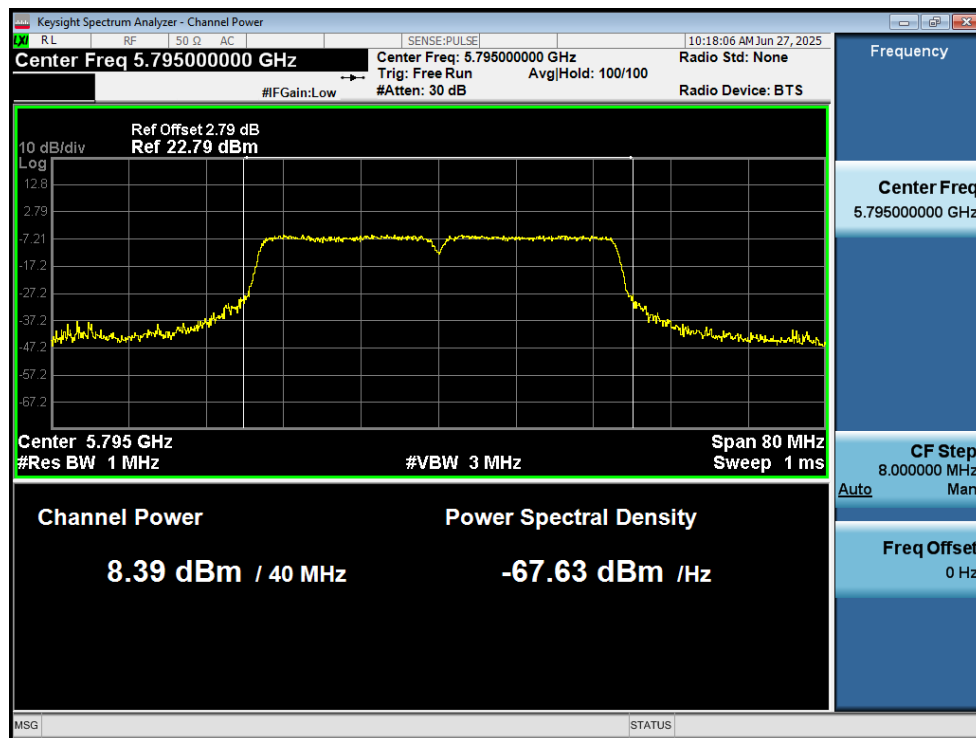
Power NVNT n20 5785MHz Ant1



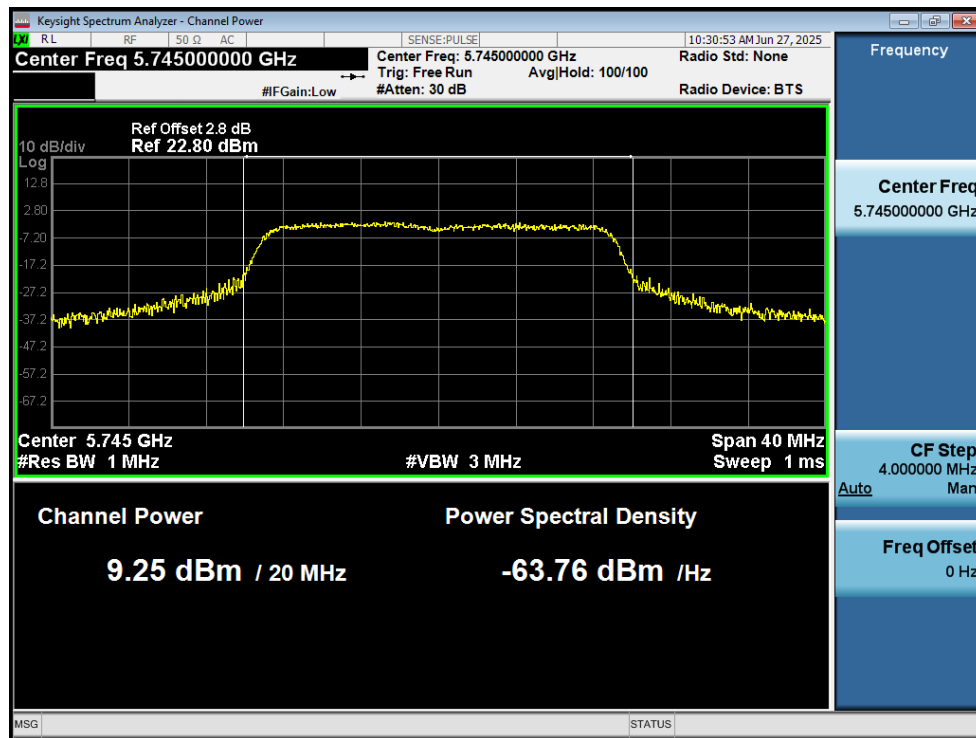
Power NVNT n20 5825MHz Ant1



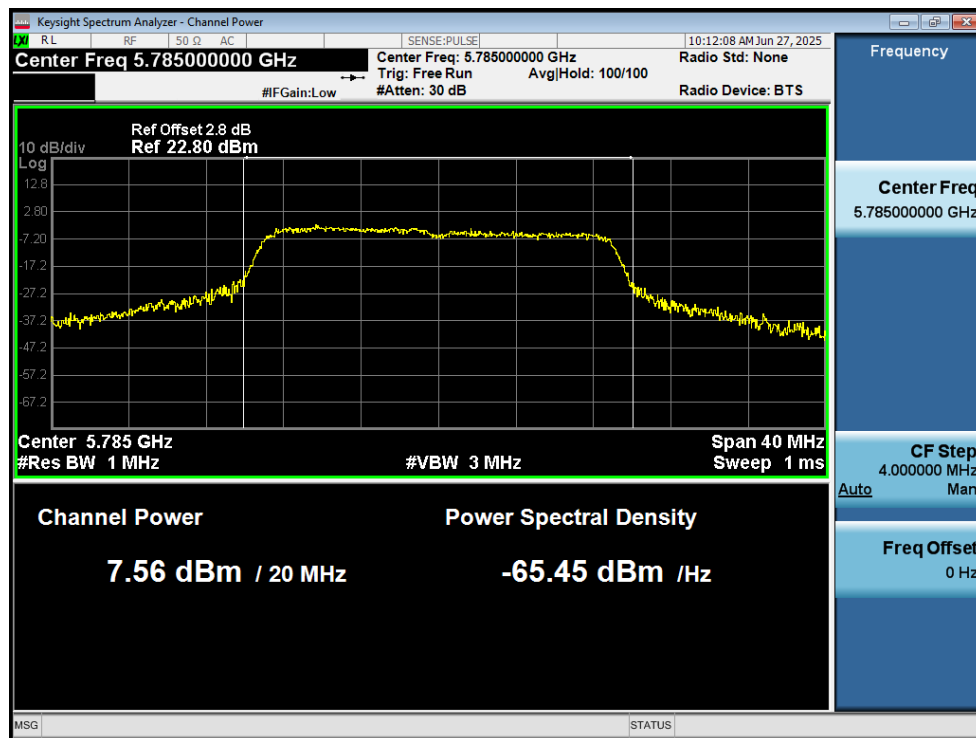
Power NVNT n40 5755MHz Ant1



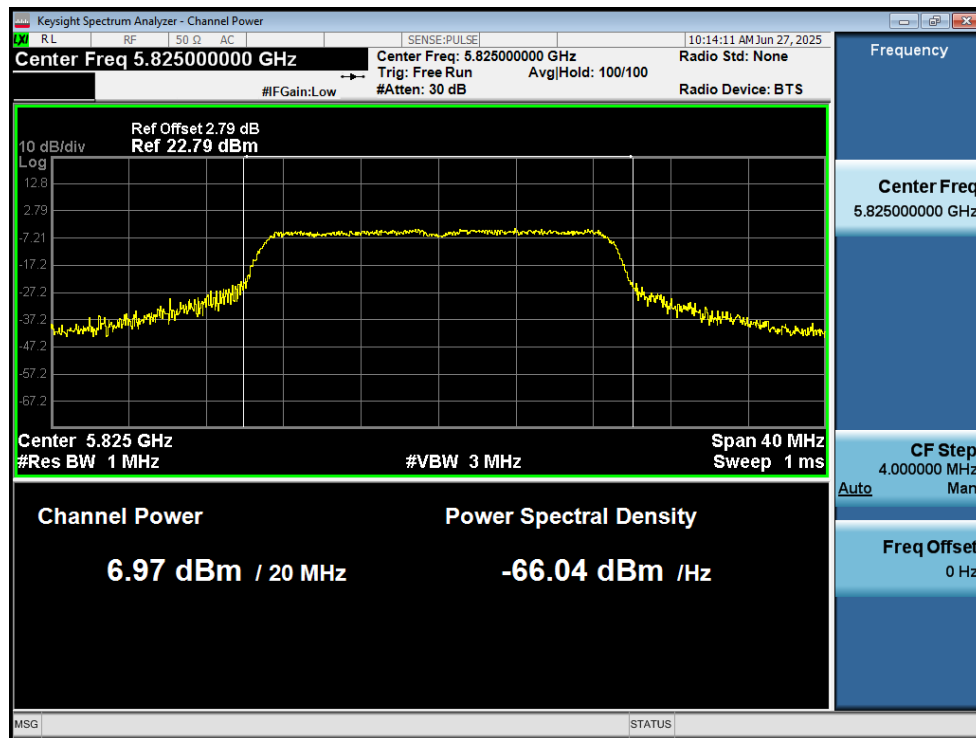
Power NVNT n40 5795MHz Ant1



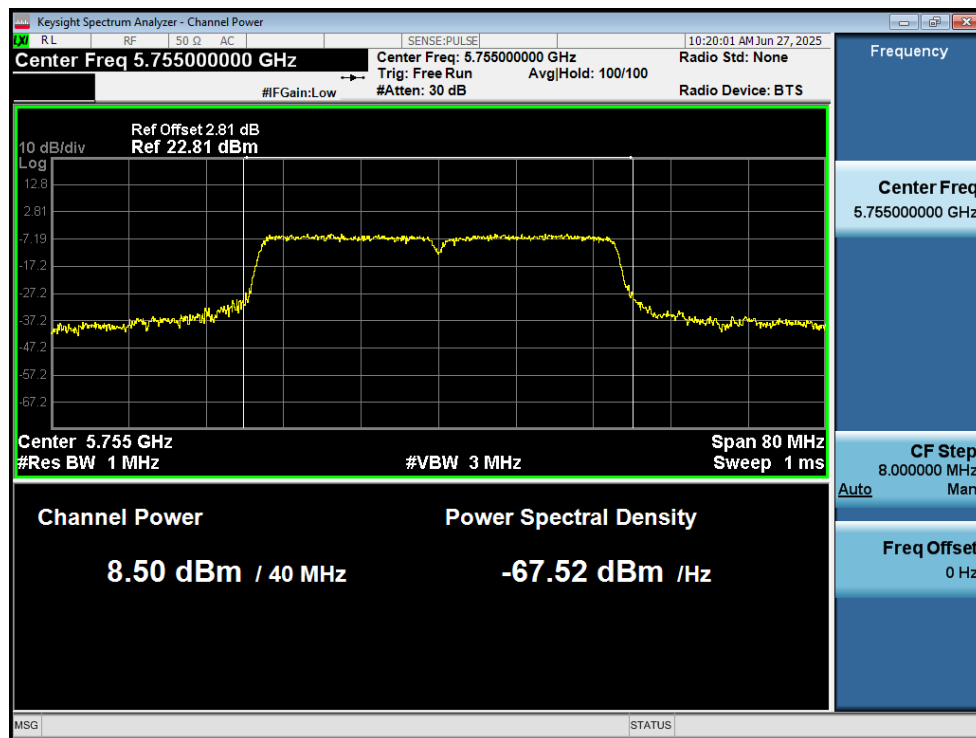
Power NVNT ac20 5745MHz Ant1



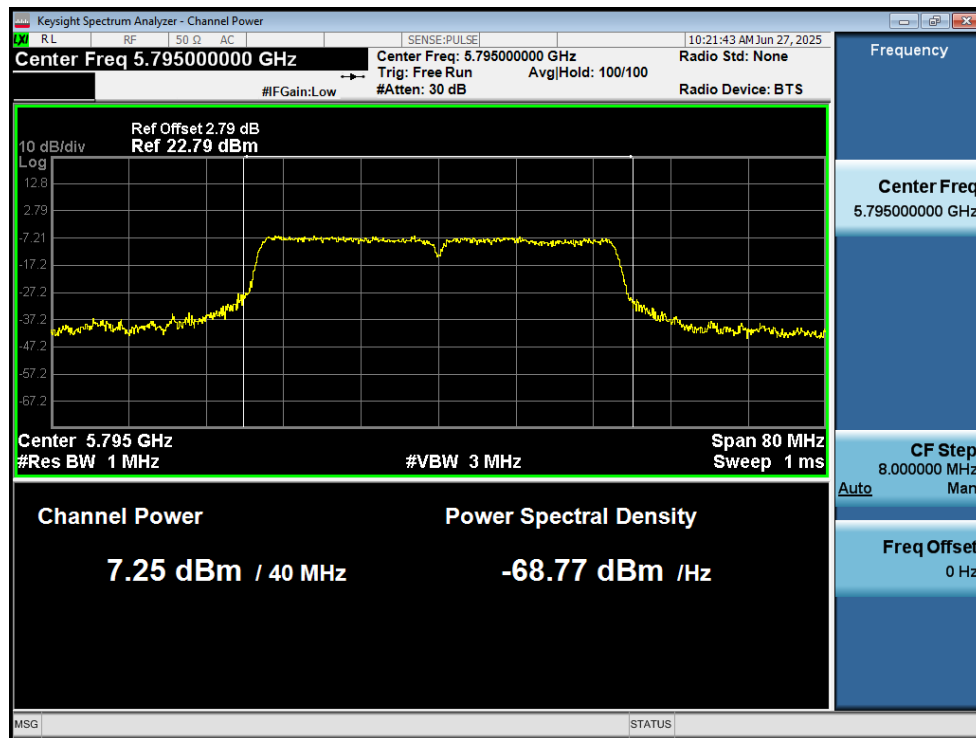
Power NVNT ac20 5785MHz Ant1



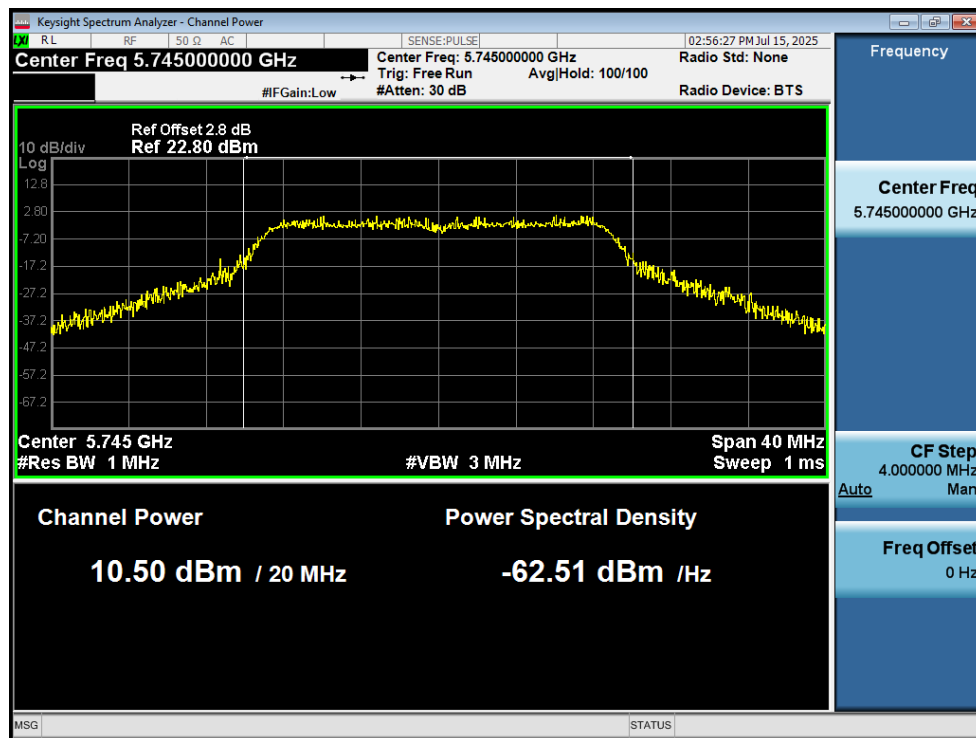
Power NVNT ac20 5825MHz Ant1



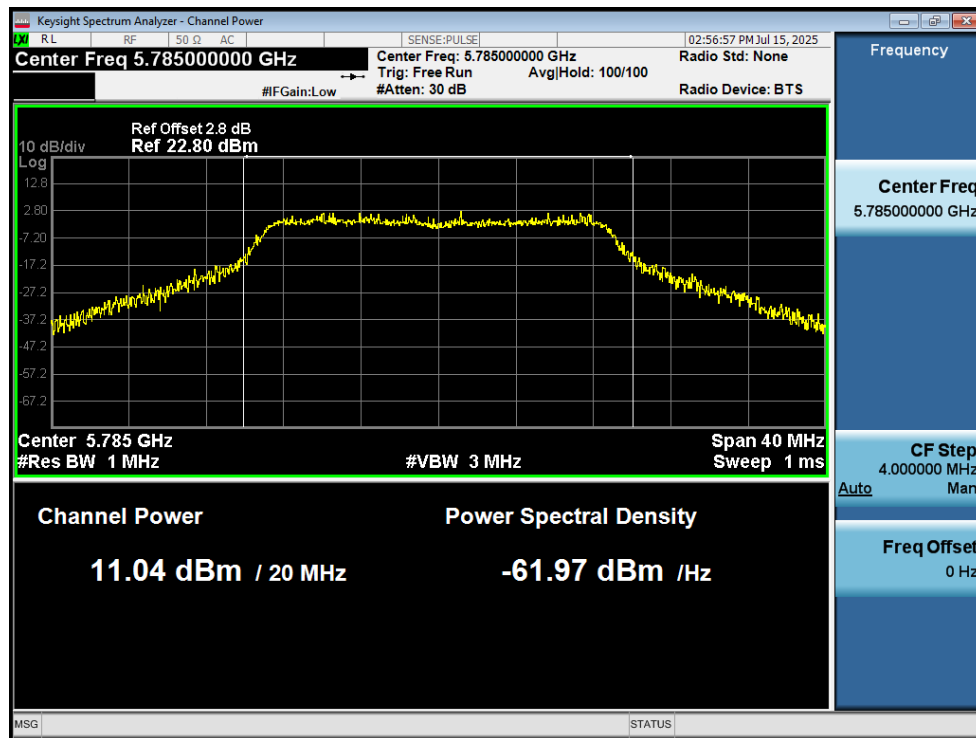
Power NVNT ac40 5755MHz Ant1



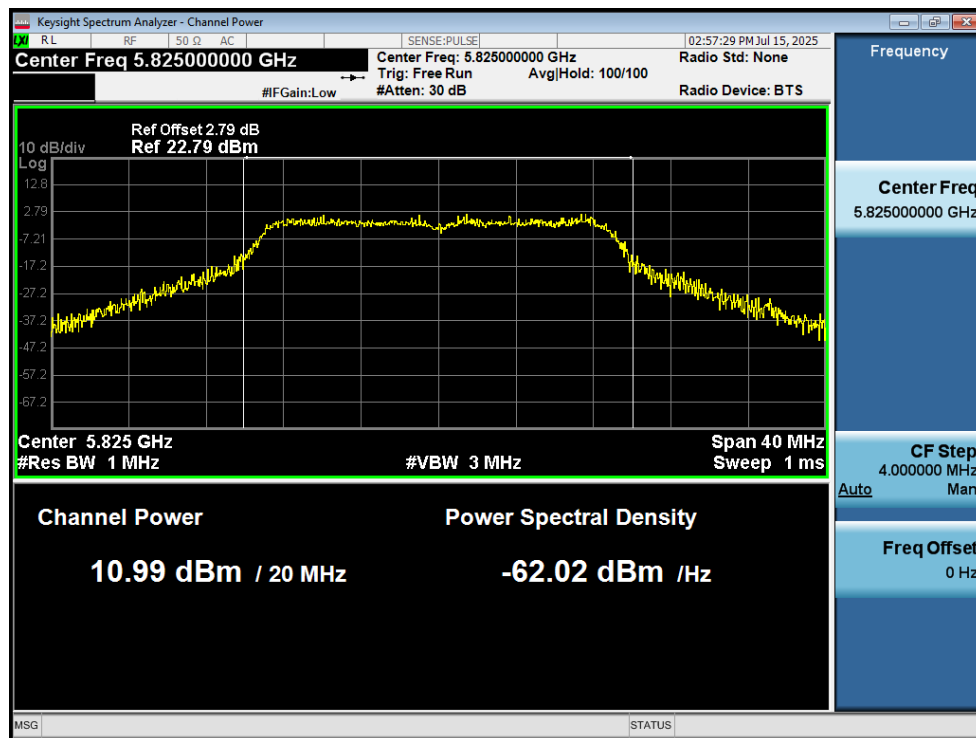
Power NVNT ac40 5795MHz Ant1



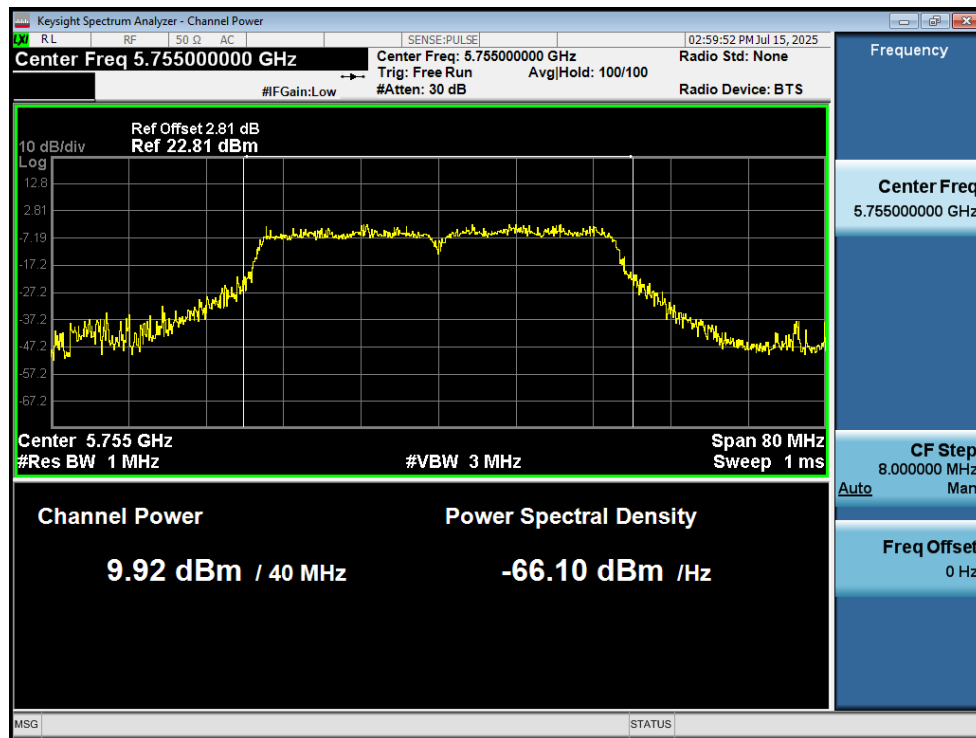
Power NVNT ax20 5745MHz Ant1



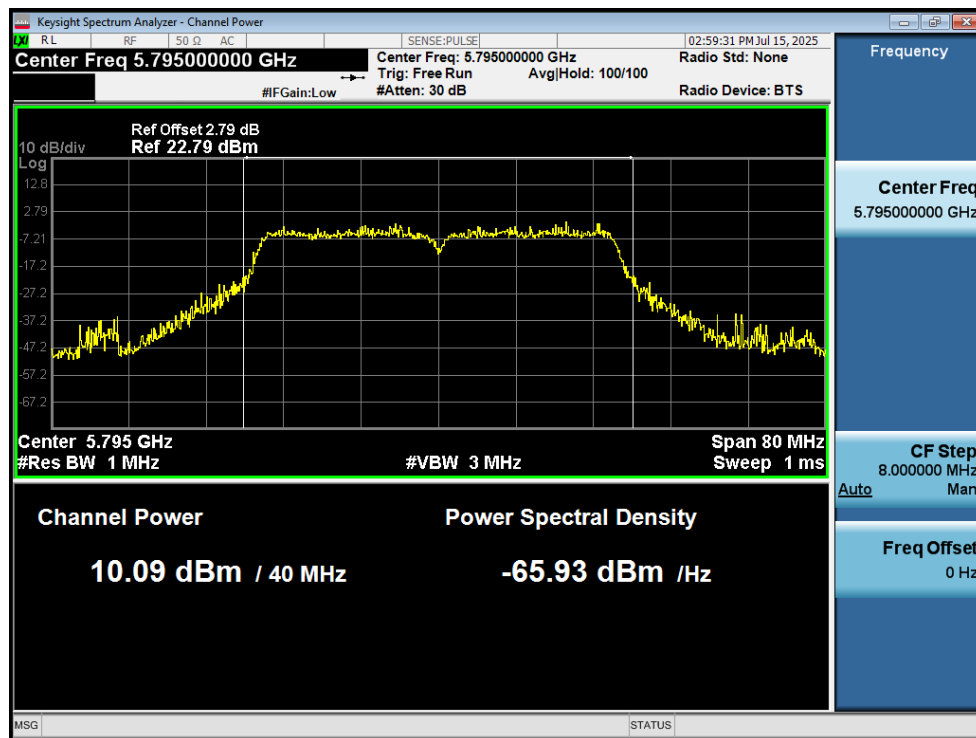
Power NVNT ax20 5785MHz Ant1



Power NVNT ax20 5825MHz Ant1



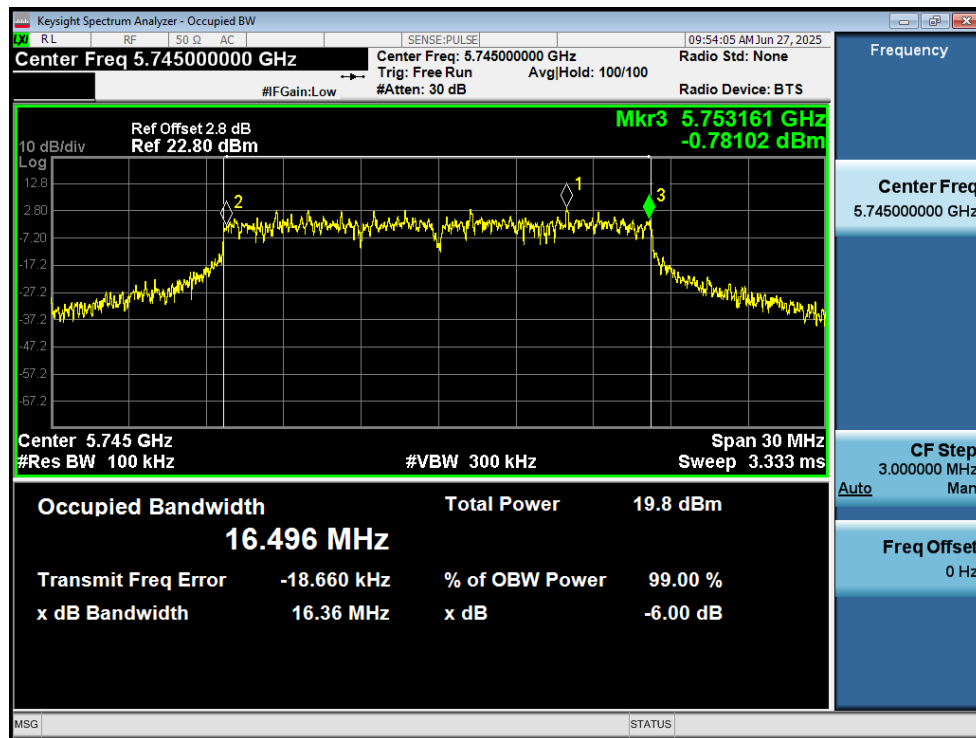
Power NVNT ax40 5755MHz Ant1



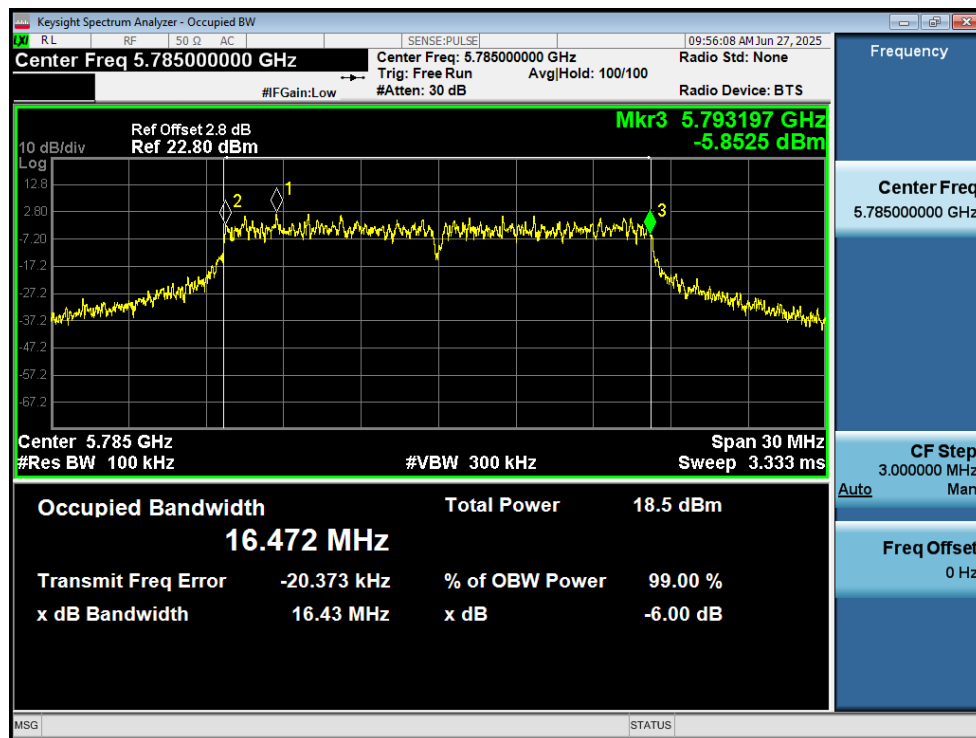
Power NVNT ax40 5795MHz Ant1

3. -6dB Bandwidth

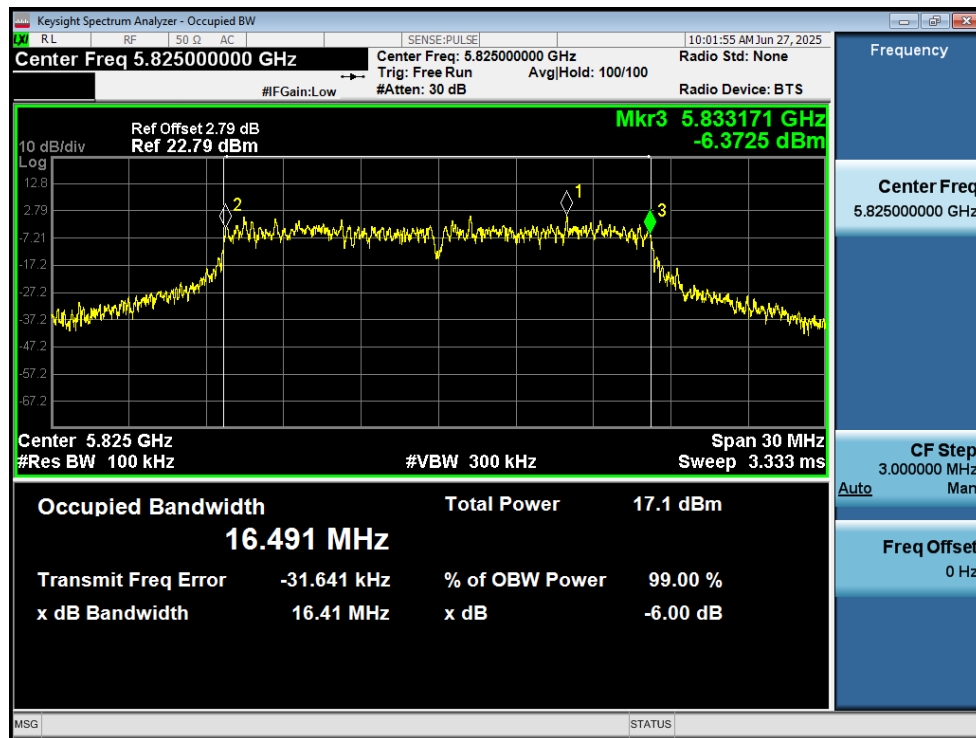
Condition	Mode	Frequency (MHz)	Antenna	-6 dB Bandwidth (MHz)	Limit -6 dB Bandwidth (MHz)	Verdict
NVNT	a	5745	Ant1	16.359	0.5	Pass
NVNT	a	5785	Ant1	16.434	0.5	Pass
NVNT	a	5825	Ant1	16.406	0.5	Pass
NVNT	n20	5745	Ant1	17.635	0.5	Pass
NVNT	n20	5785	Ant1	17.7	0.5	Pass
NVNT	n20	5825	Ant1	17.682	0.5	Pass
NVNT	n40	5755	Ant1	36.416	0.5	Pass
NVNT	n40	5795	Ant1	36.413	0.5	Pass
NVNT	ac20	5745	Ant1	17.51	0.5	Pass
NVNT	ac20	5785	Ant1	17.663	0.5	Pass
NVNT	ac20	5825	Ant1	17.707	0.5	Pass
NVNT	ac40	5755	Ant1	36.424	0.5	Pass
NVNT	ac40	5795	Ant1	36.369	0.5	Pass
NVNT	ax20	5745	Ant1	17.601	0.5	Pass
NVNT	ax20	5785	Ant1	17.608	0.5	Pass
NVNT	ax20	5825	Ant1	17.605	0.5	Pass
NVNT	ax40	5755	Ant1	36.353	0.5	Pass
NVNT	ax40	5795	Ant1	36.318	0.5	Pass



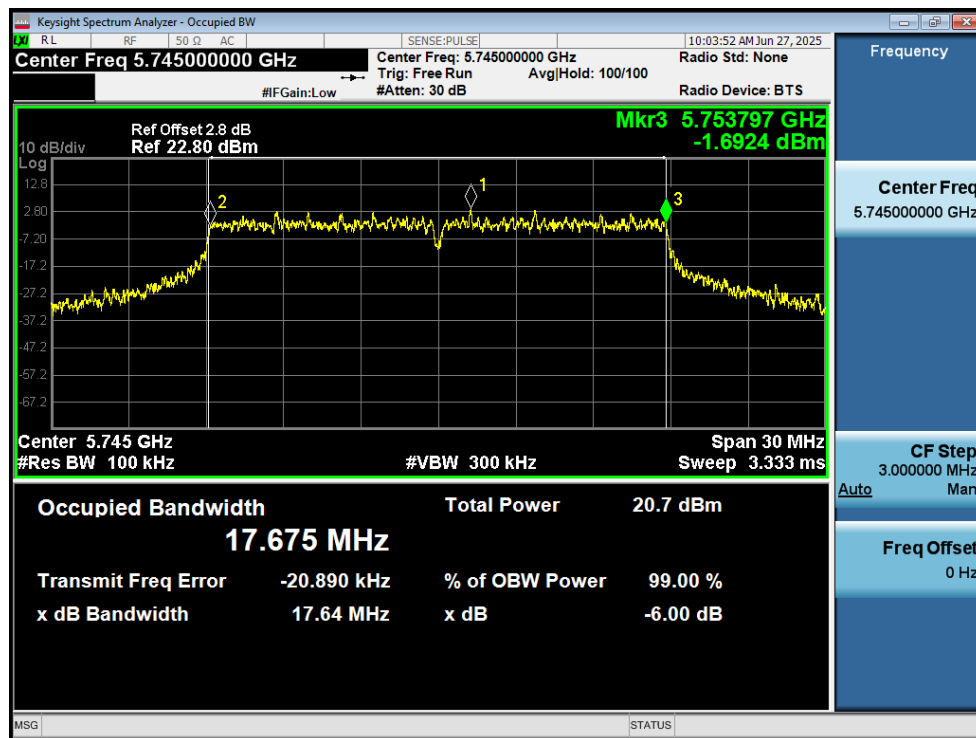
-6dB Bandwidth NVNT a 5745MHz Ant1



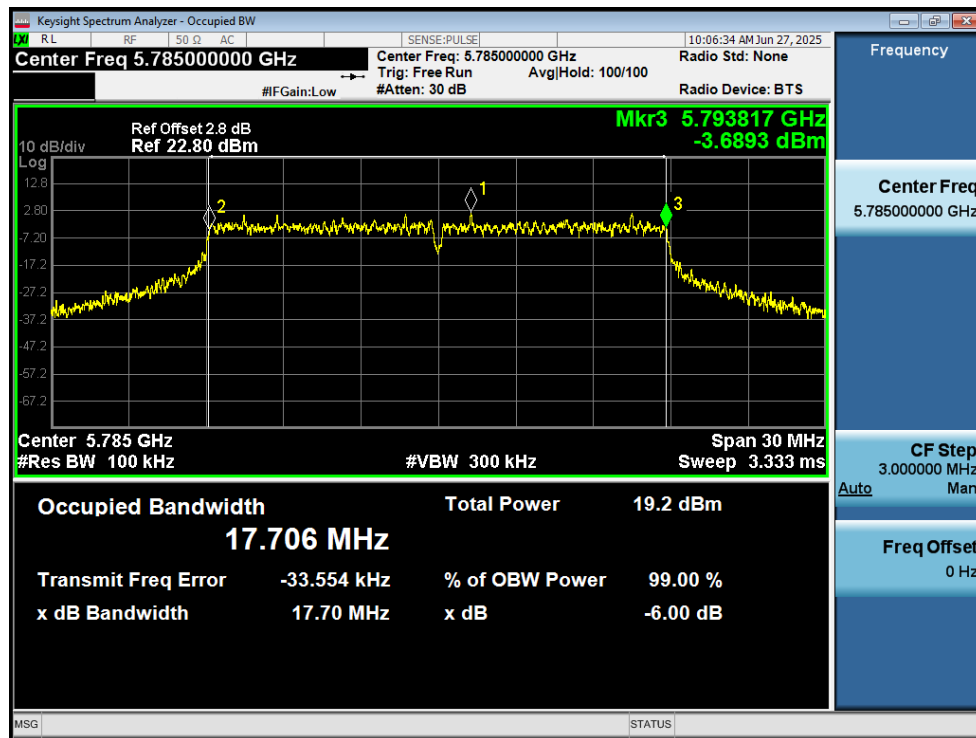
-6dB Bandwidth NVNT a 5785MHz Ant1



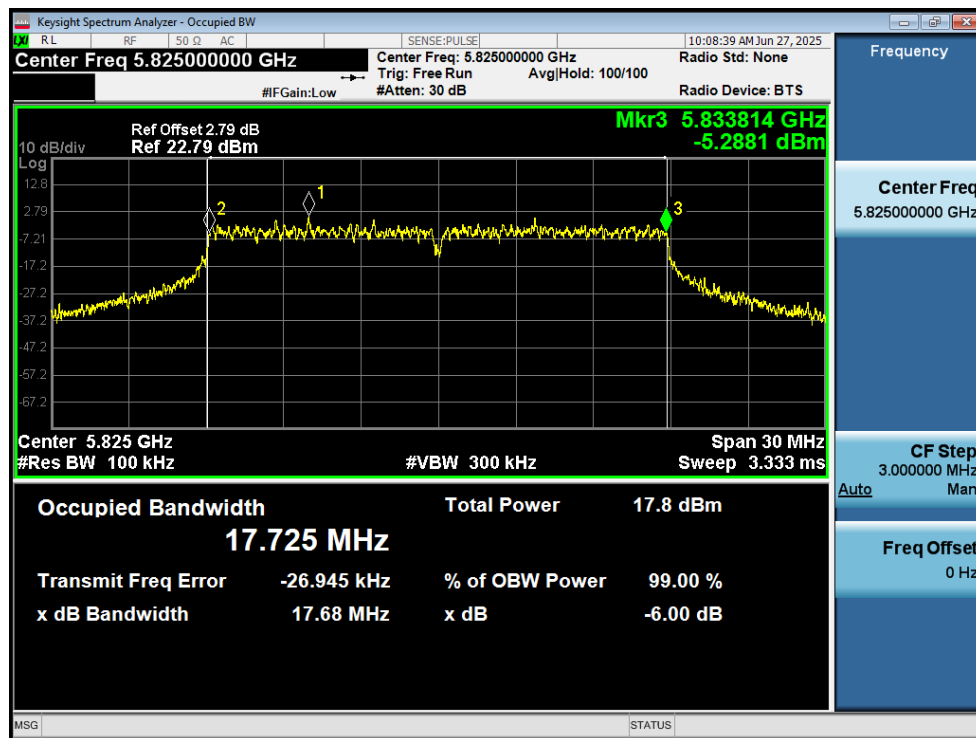
-6dB Bandwidth NVNT a 5825MHz Ant1



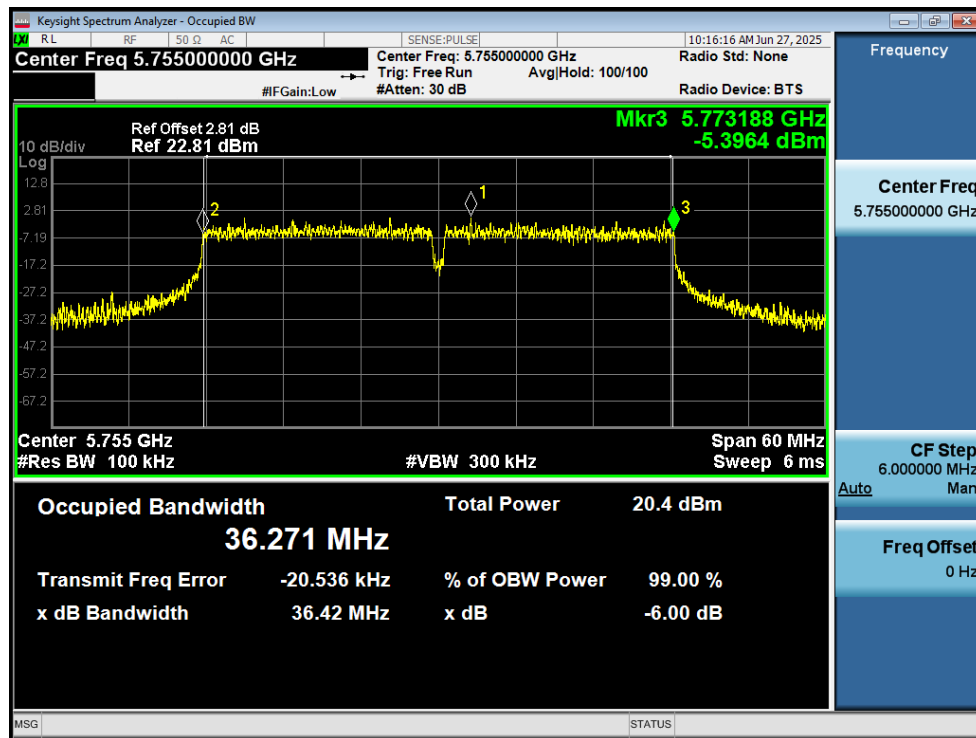
-6dB Bandwidth NVNT n20 5745MHz Ant1



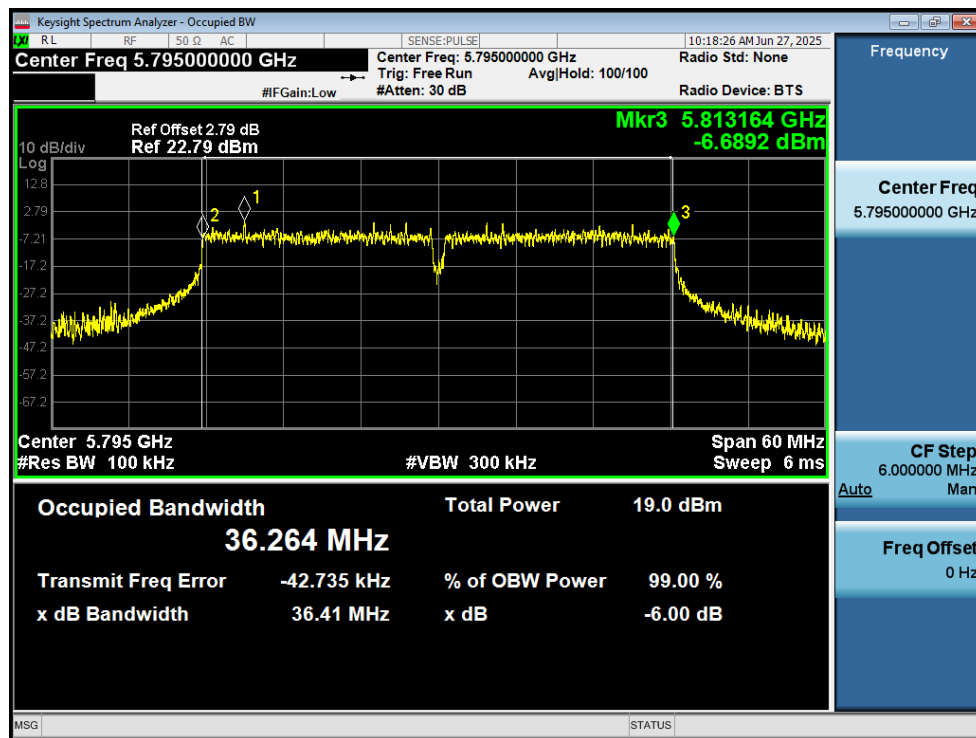
-6dB Bandwidth NVNT n20 5785MHz Ant1



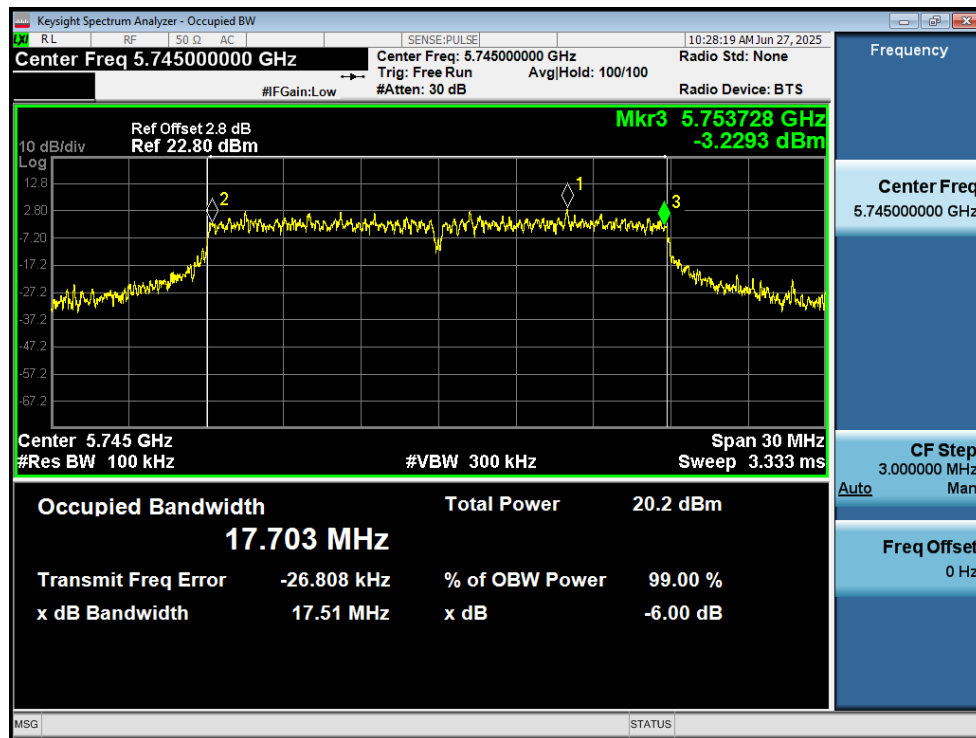
-6dB Bandwidth NVNT n20 5825MHz Ant1



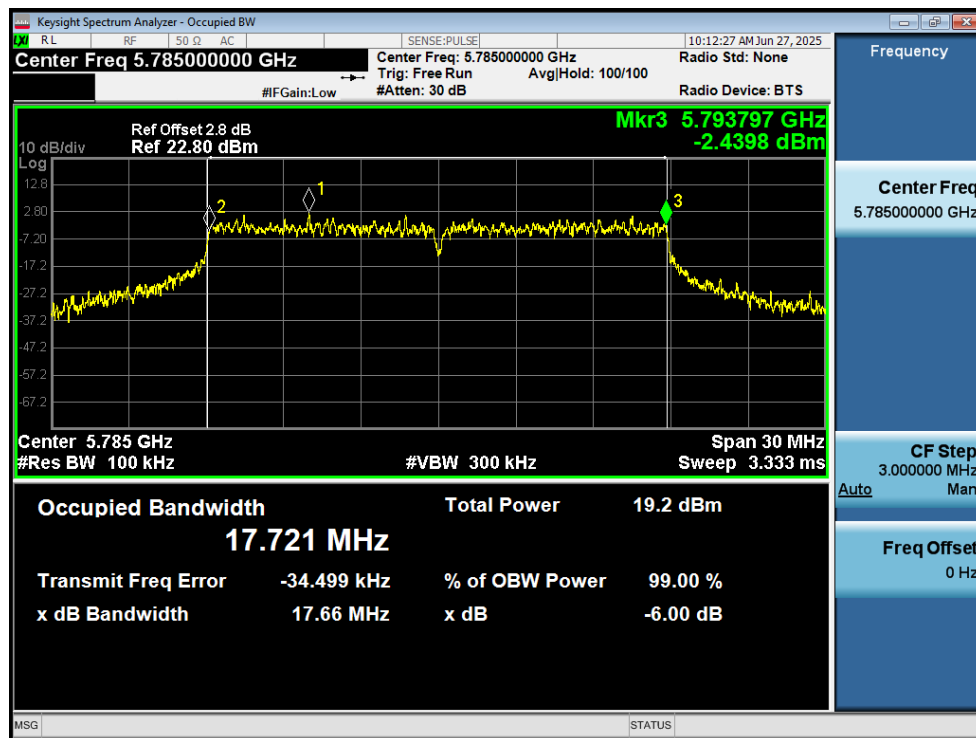
-6dB Bandwidth NVNT n40 5755MHz Ant1



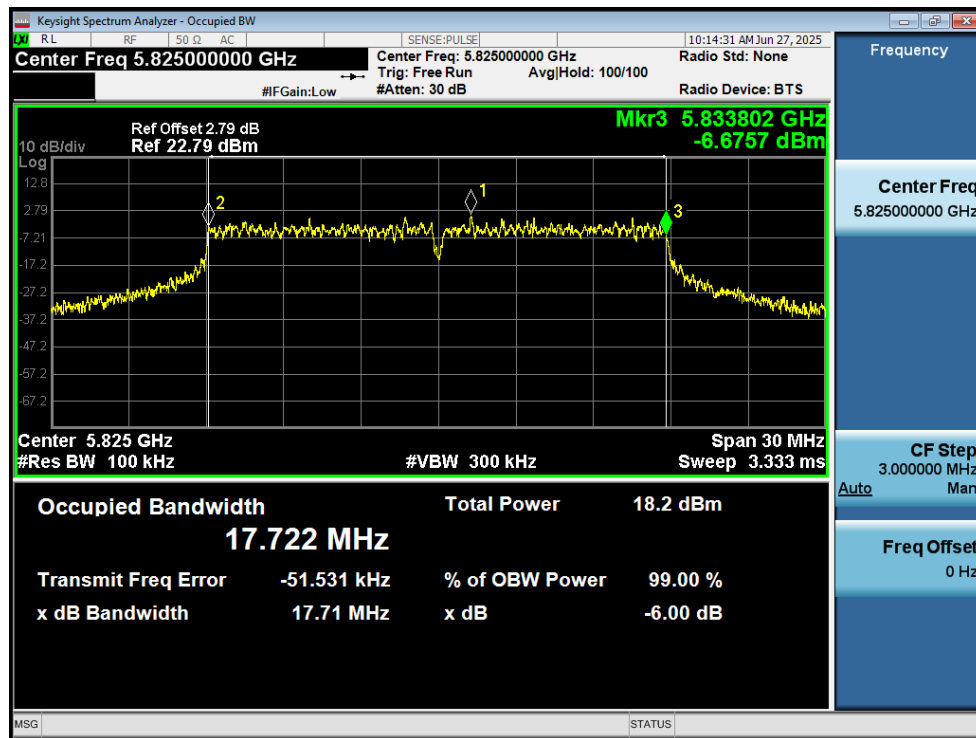
-6dB Bandwidth NVNT n40 5795MHz Ant1



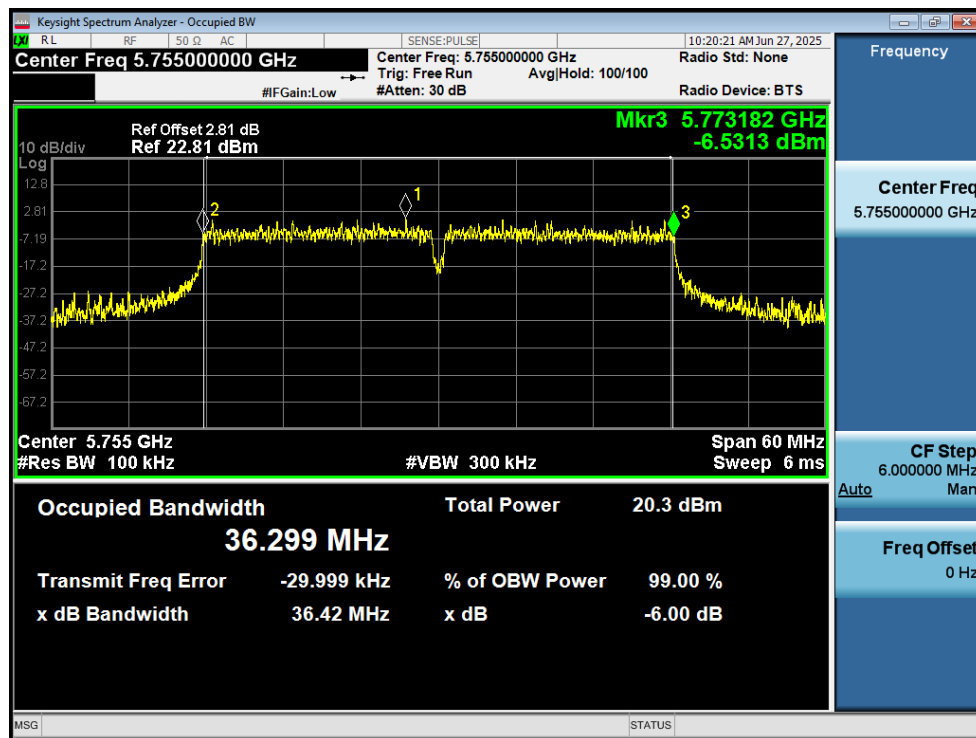
-6dB Bandwidth NVNT ac20 5745MHz Ant1



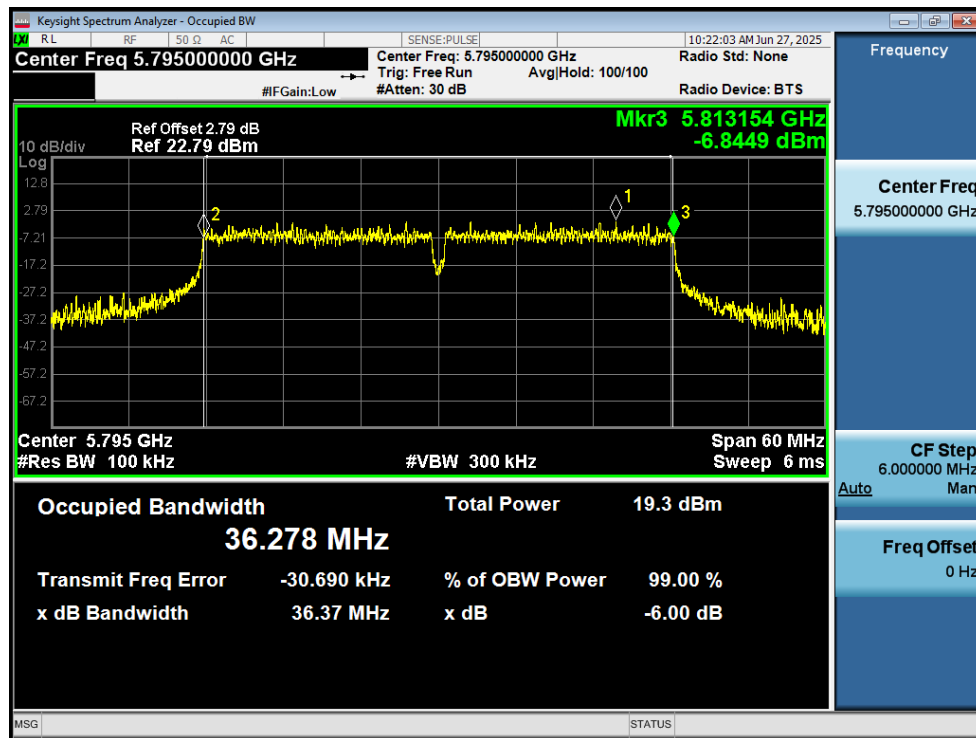
-6dB Bandwidth NVNT ac20 5785MHz Ant1



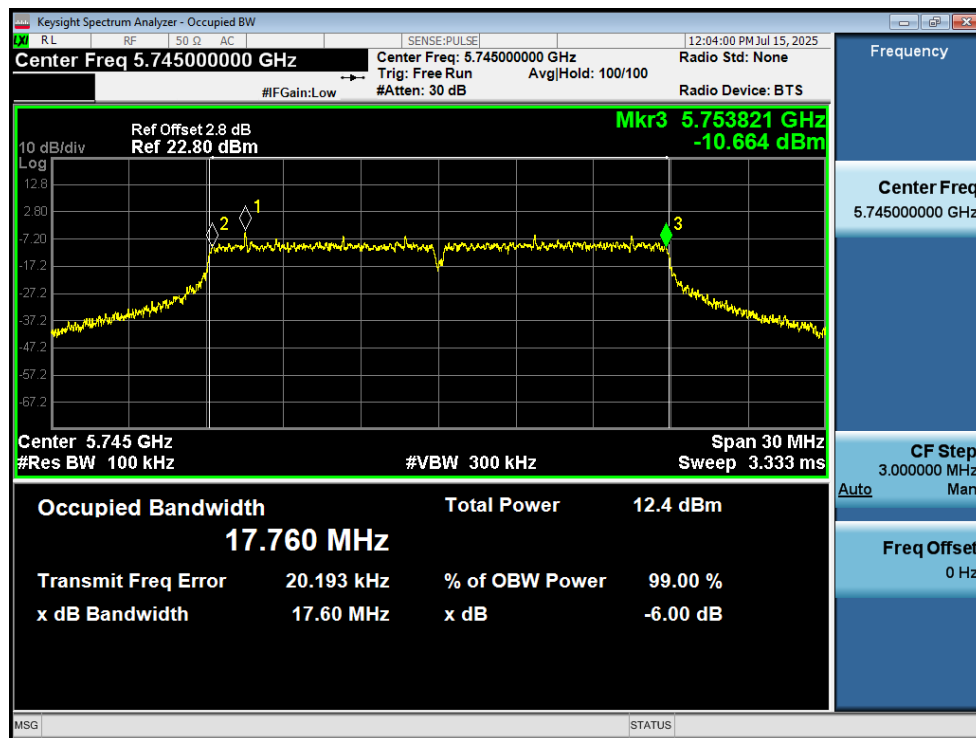
-6dB Bandwidth NVNT ac20 5825MHz Ant1



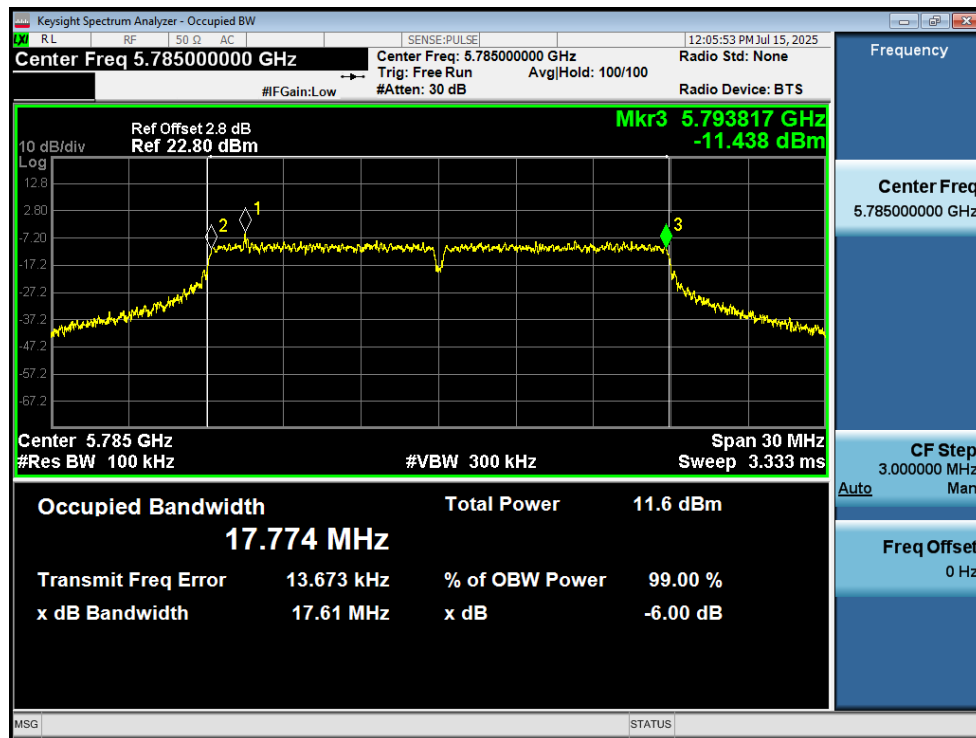
-6dB Bandwidth NVNT ac40 5755MHz Ant1



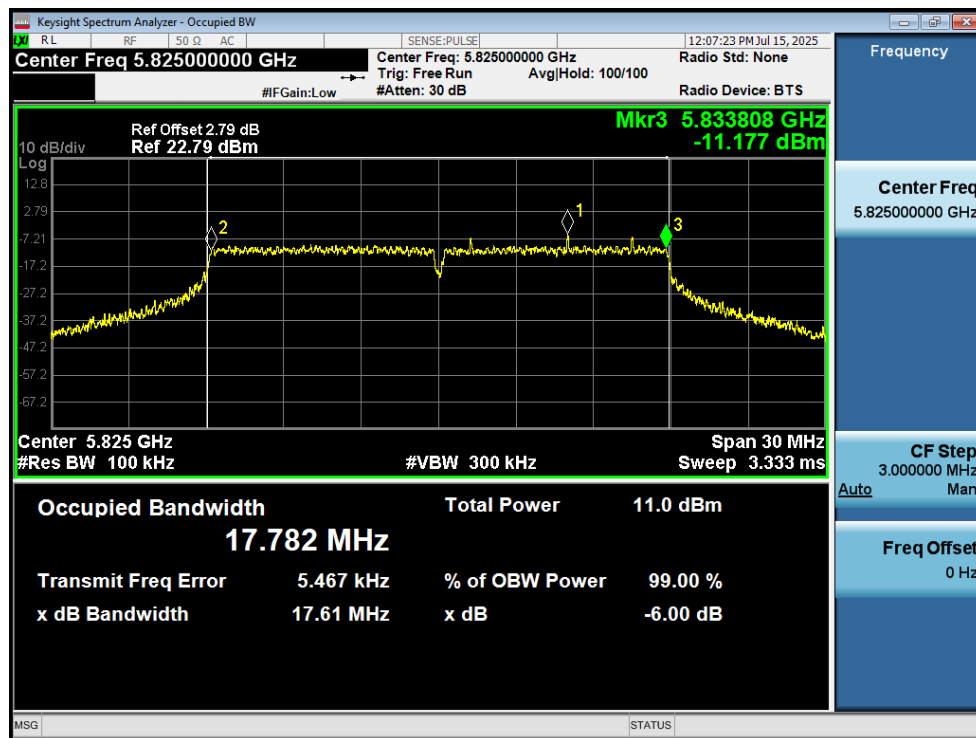
-6dB Bandwidth NVNT ac40 5795MHz Ant1



-6dB Bandwidth NVNT ax20 5745MHz Ant1



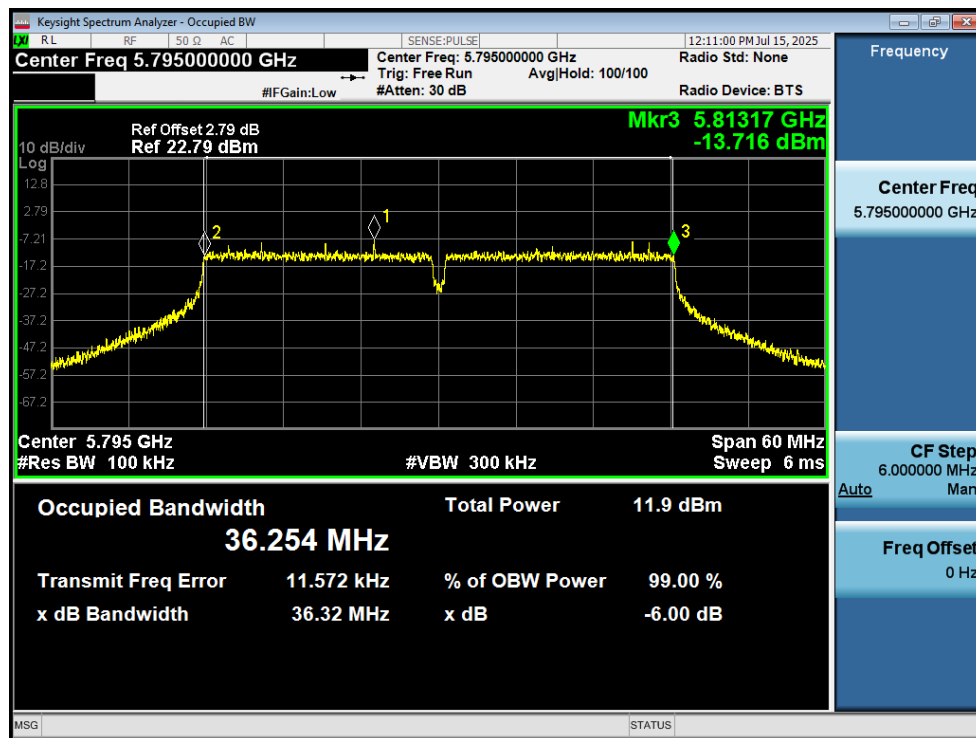
-6dB Bandwidth NVNT ax20 5785MHz Ant1



-6dB Bandwidth NVNT ax20 5825MHz Ant1



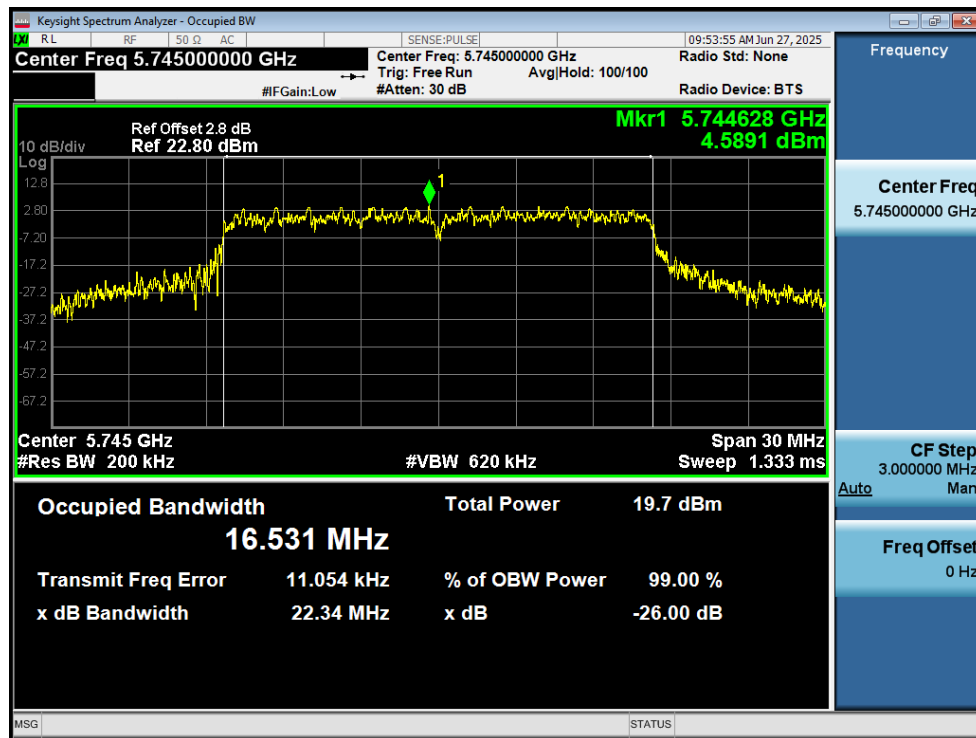
-6dB Bandwidth NVNT ax40 5755MHz Ant1



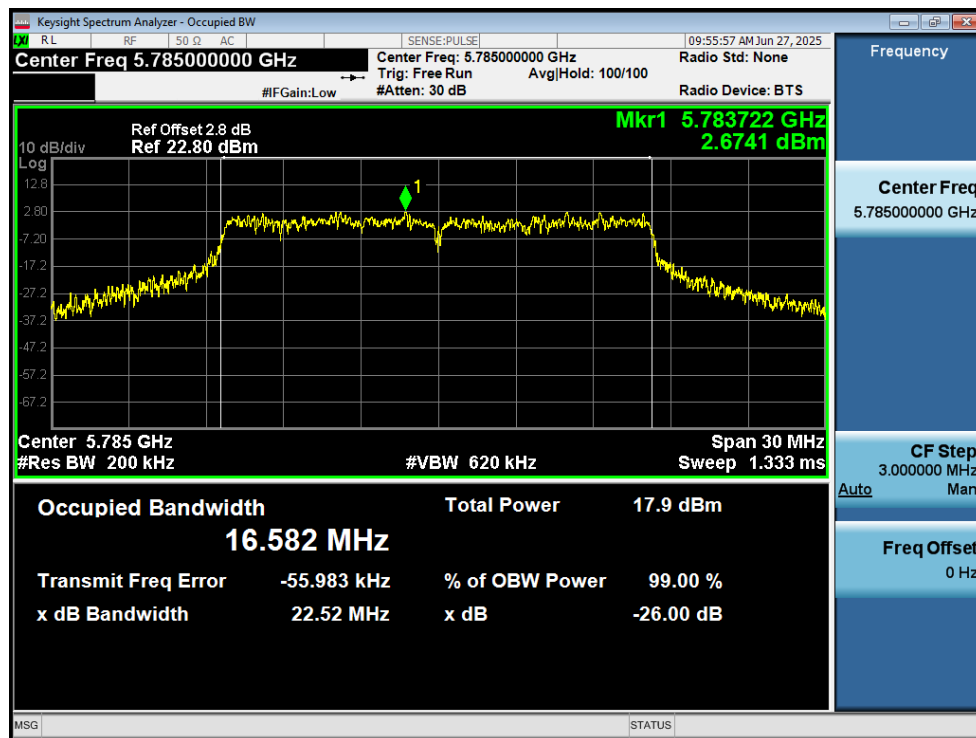
-6dB Bandwidth NVNT ax40 5795MHz Ant1

4. Occupied Channel Bandwidth

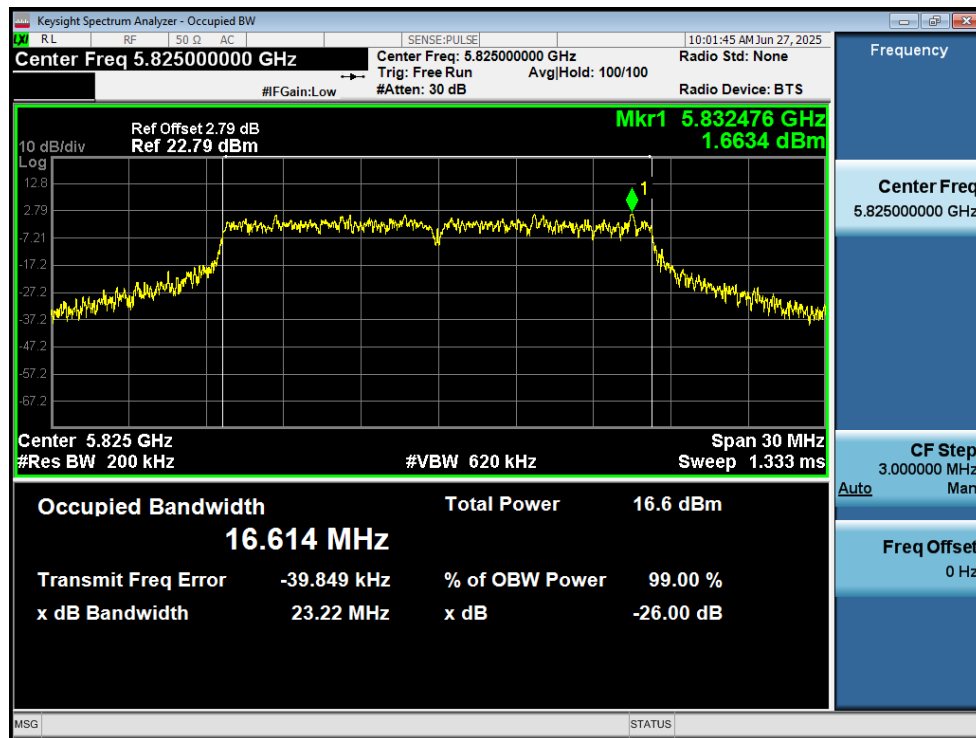
Condition	Mode	Frequency (MHz)	Antenna	99% OBW (MHz)
NVNT	a	5745	Ant1	16.531
NVNT	a	5785	Ant1	16.582
NVNT	a	5825	Ant1	16.614
NVNT	n20	5745	Ant1	17.801
NVNT	n20	5785	Ant1	17.805
NVNT	n20	5825	Ant1	17.843
NVNT	n40	5755	Ant1	36.391
NVNT	n40	5795	Ant1	36.435
NVNT	ac20	5745	Ant1	17.851
NVNT	ac20	5785	Ant1	17.889
NVNT	ac20	5825	Ant1	17.817
NVNT	ac40	5755	Ant1	36.49
NVNT	ac40	5795	Ant1	36.414
NVNT	ax20	5745	Ant1	17.942
NVNT	ax20	5785	Ant1	17.985
NVNT	ax20	5825	Ant1	17.964
NVNT	ax40	5755	Ant1	36.478
NVNT	ax40	5795	Ant1	36.546



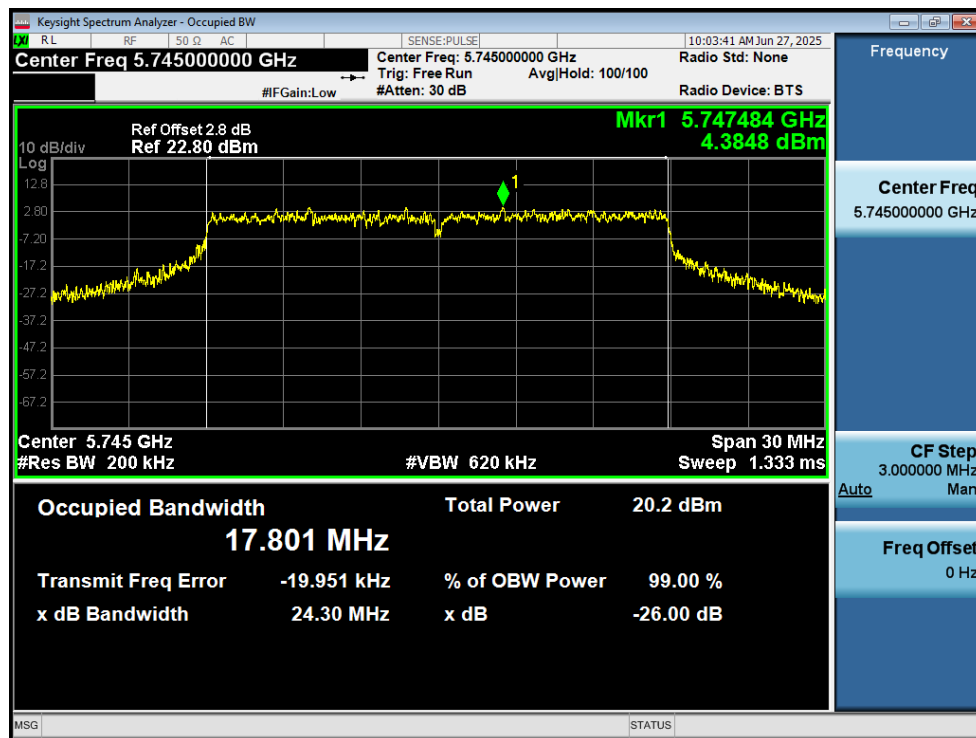
OBW NVNT a 5745MHz Ant1



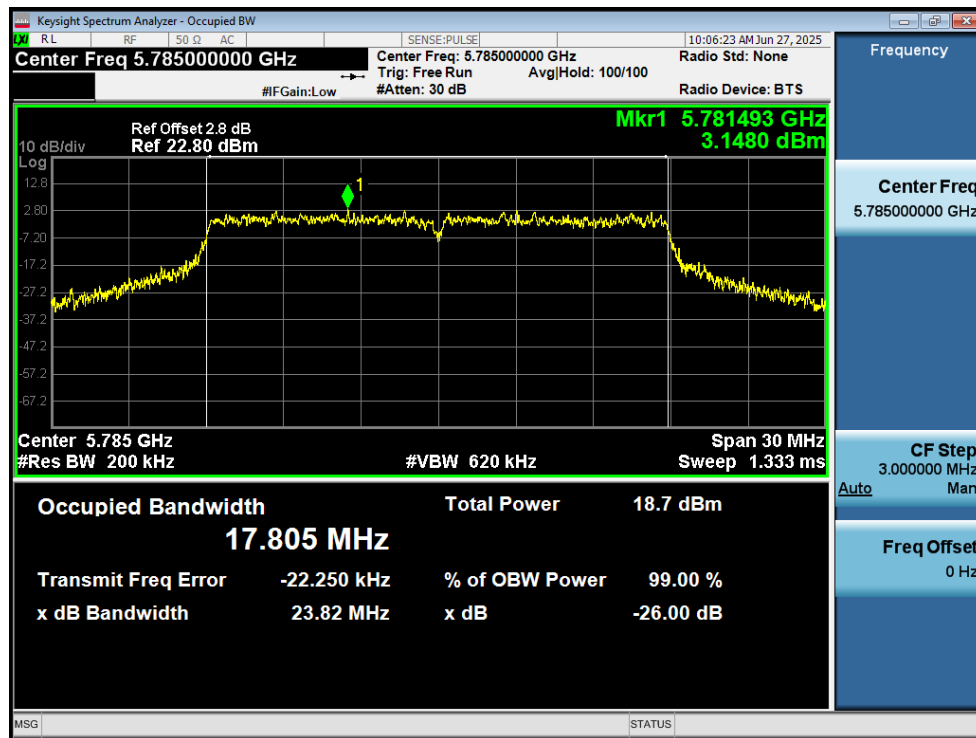
OBW NVNT a 5785MHz Ant1



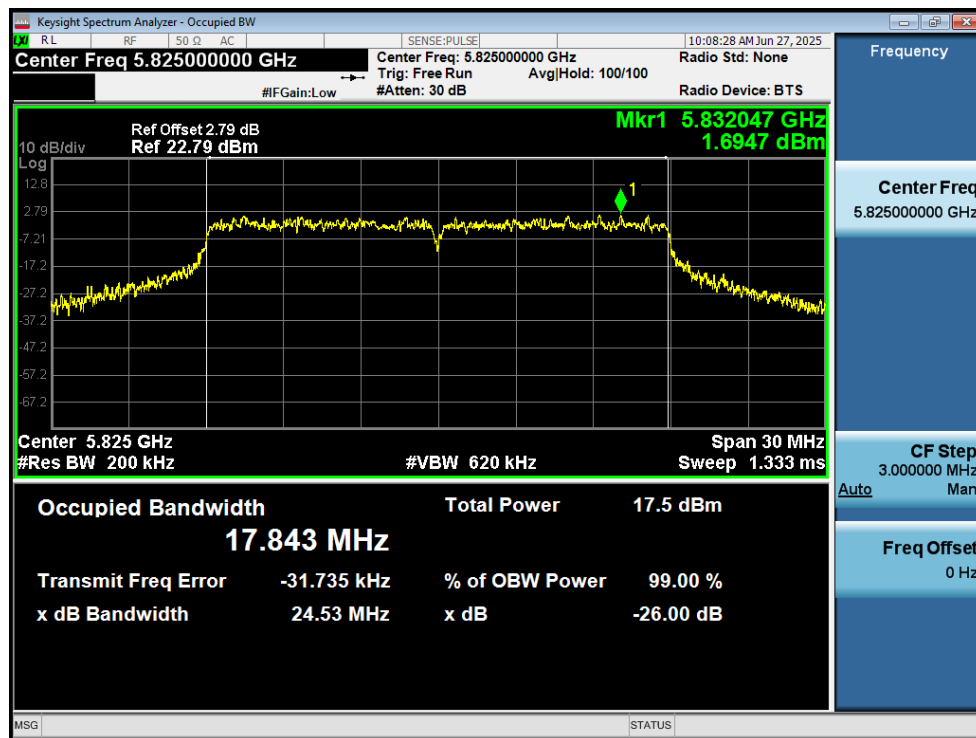
OBW NVNT a 5825MHz Ant1



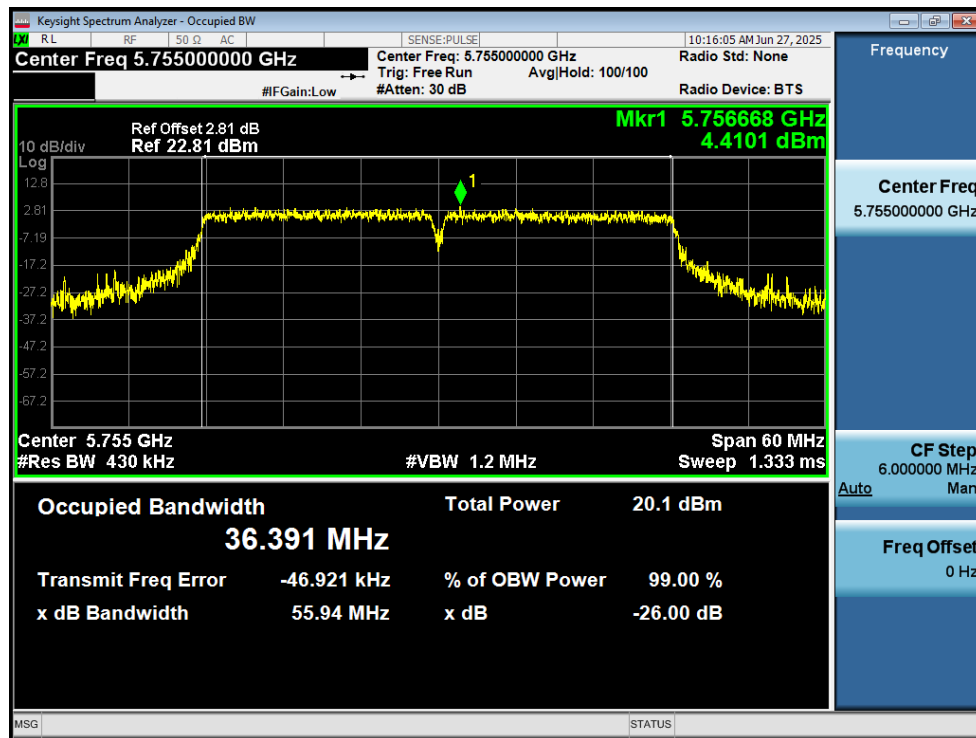
OBW NVNT n20 5745MHz Ant1



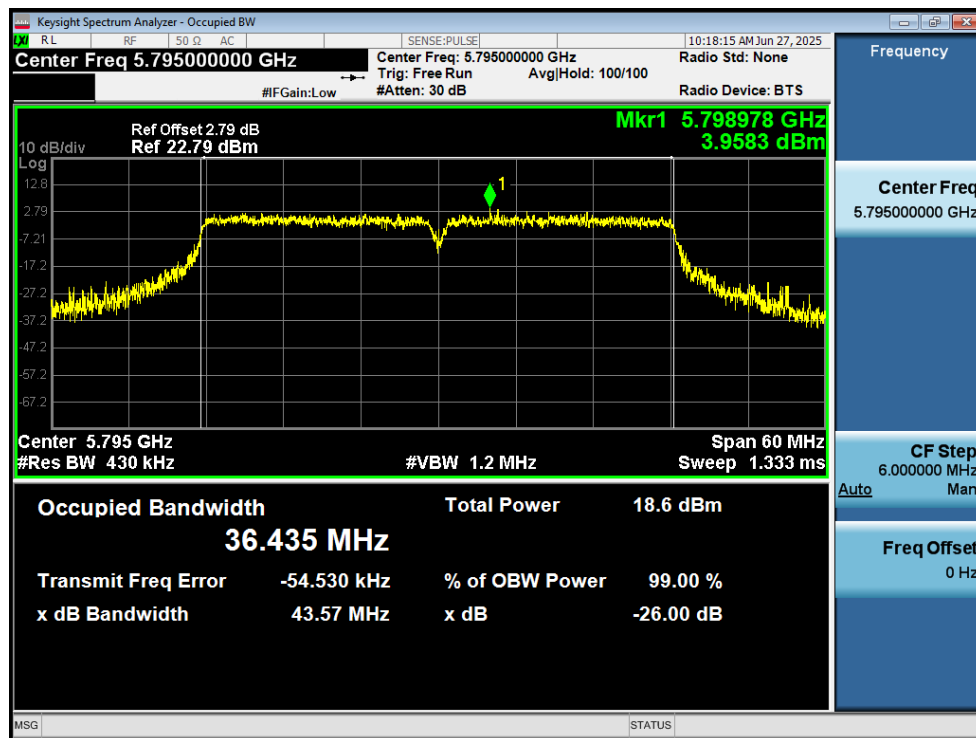
OBW NVNT n20 5785MHz Ant1



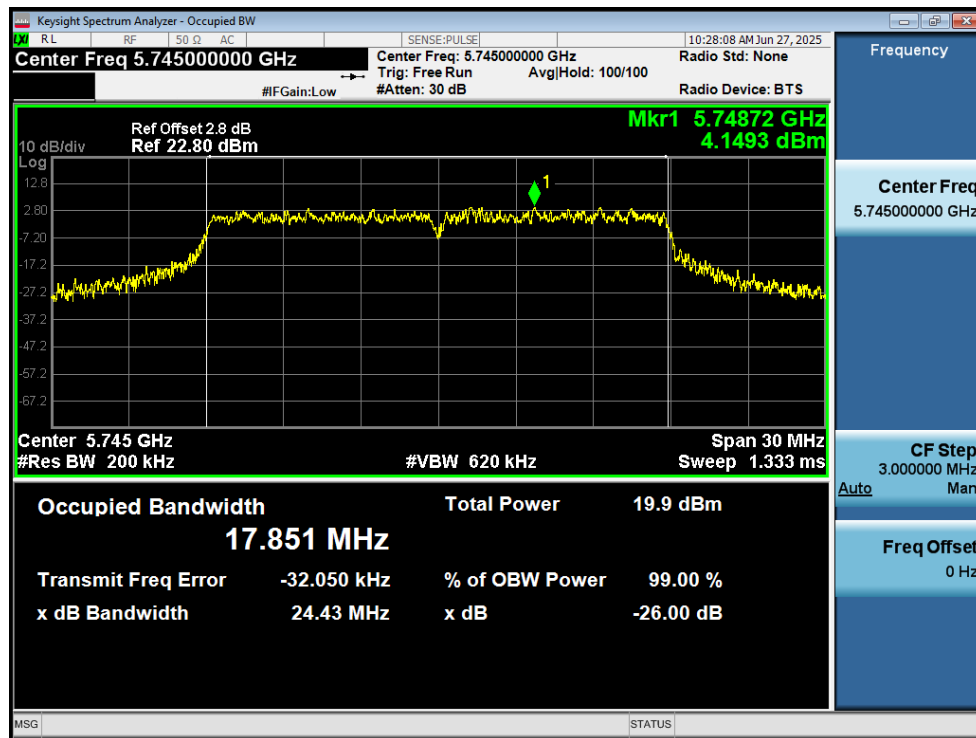
OBW NVNT n20 5825MHz Ant1



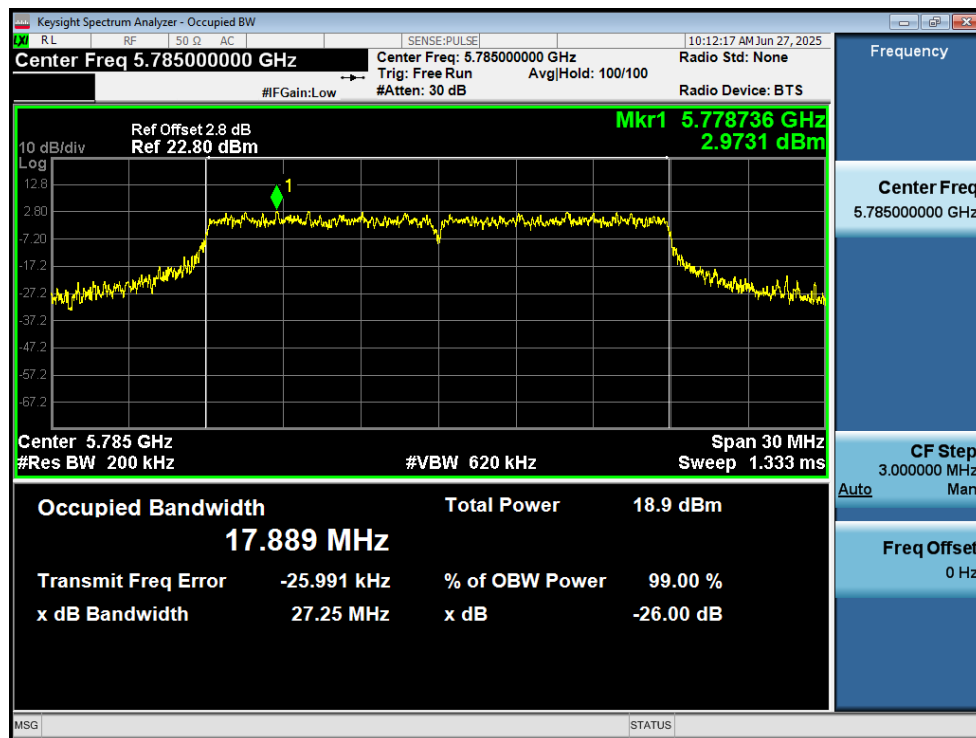
OBW NVNT n40 5755MHz Ant1



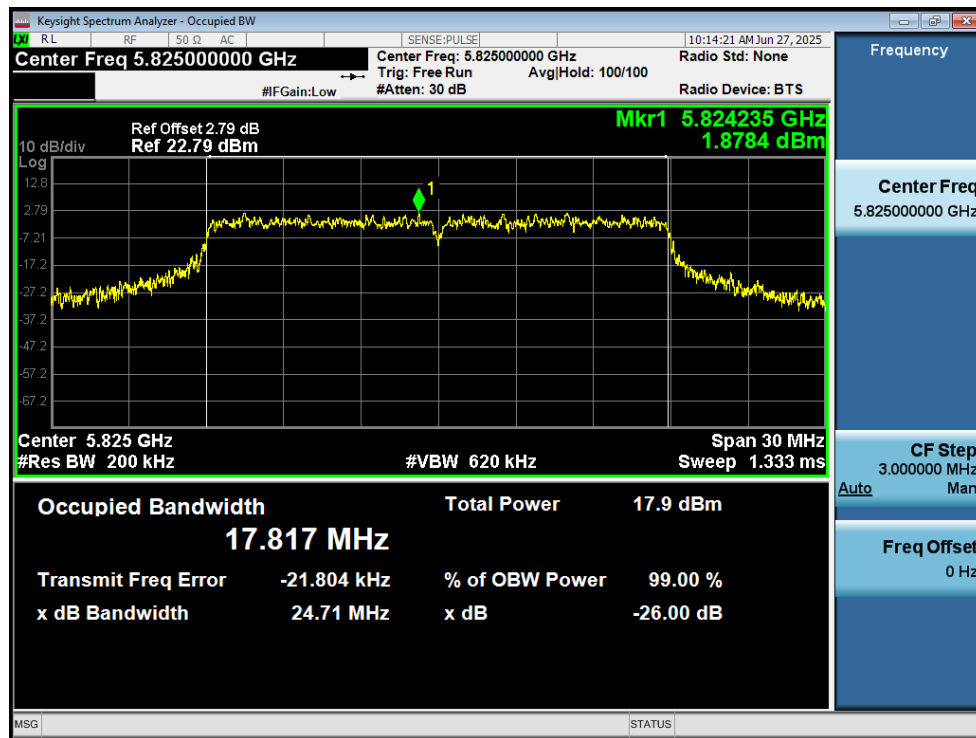
OBW NVNT n40 5795MHz Ant1



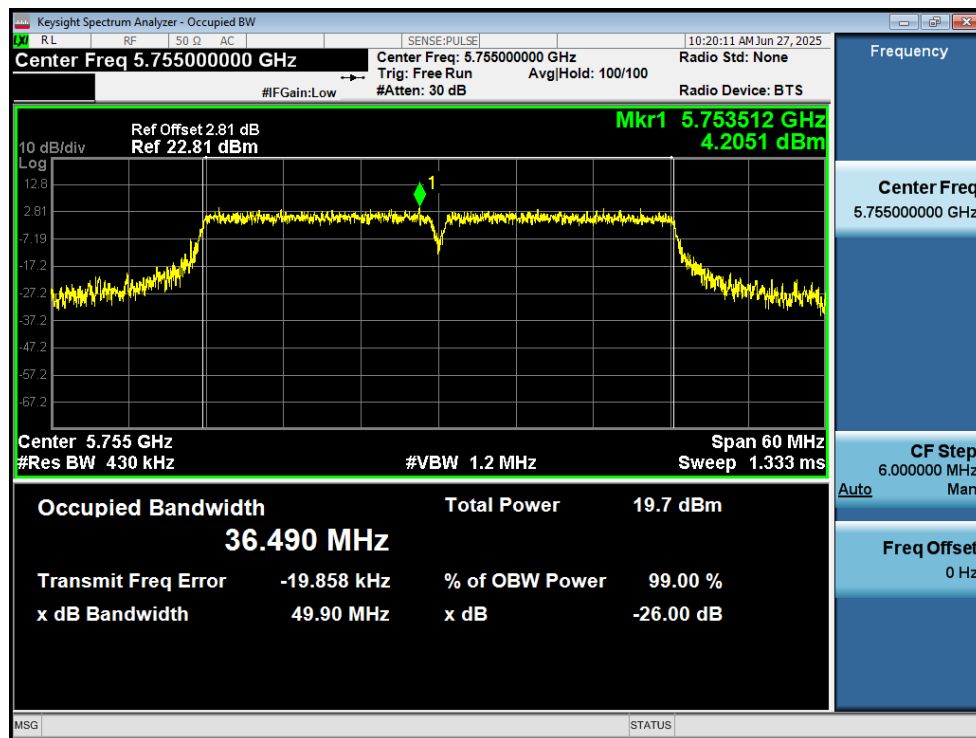
OBW NVNT ac20 5745MHz Ant1



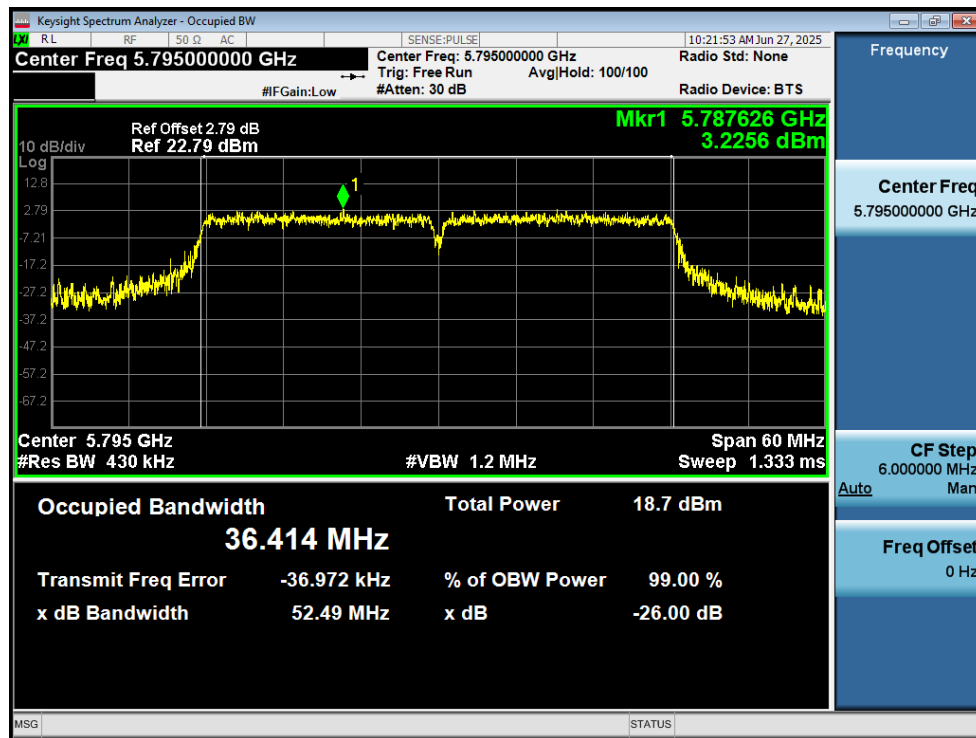
OBW NVNT ac20 5785MHz Ant1



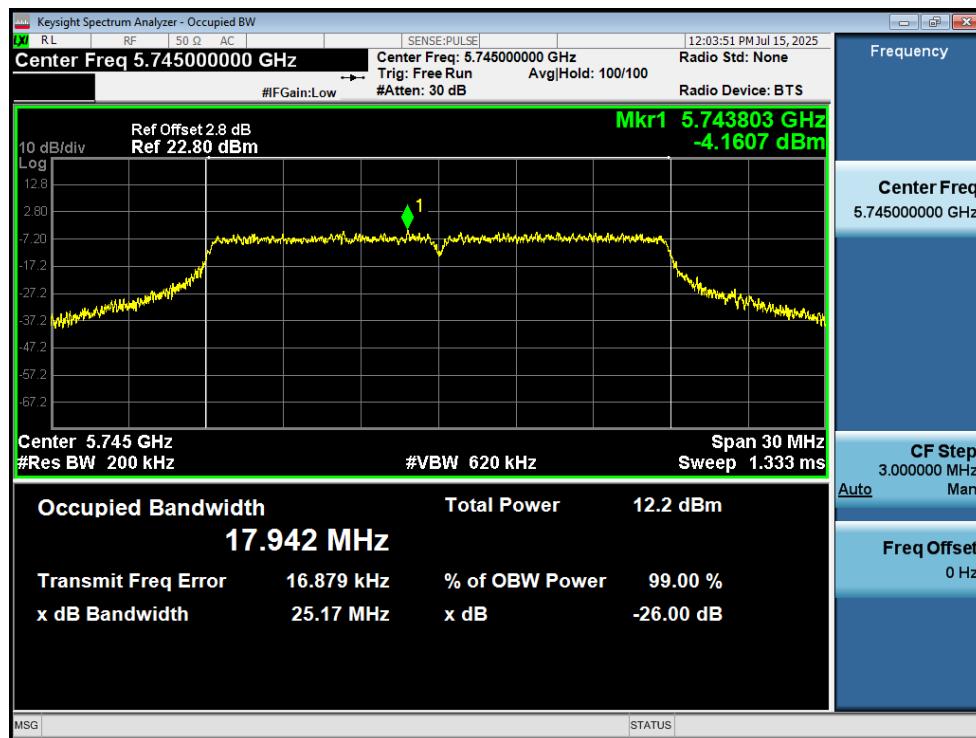
OBW NVNT ac20 5825MHz Ant1



OBW NVNT ac40 5755MHz Ant1



OBW NVNT ac40 5795MHz Ant1



OBW NVNT ax20 5745MHz Ant1



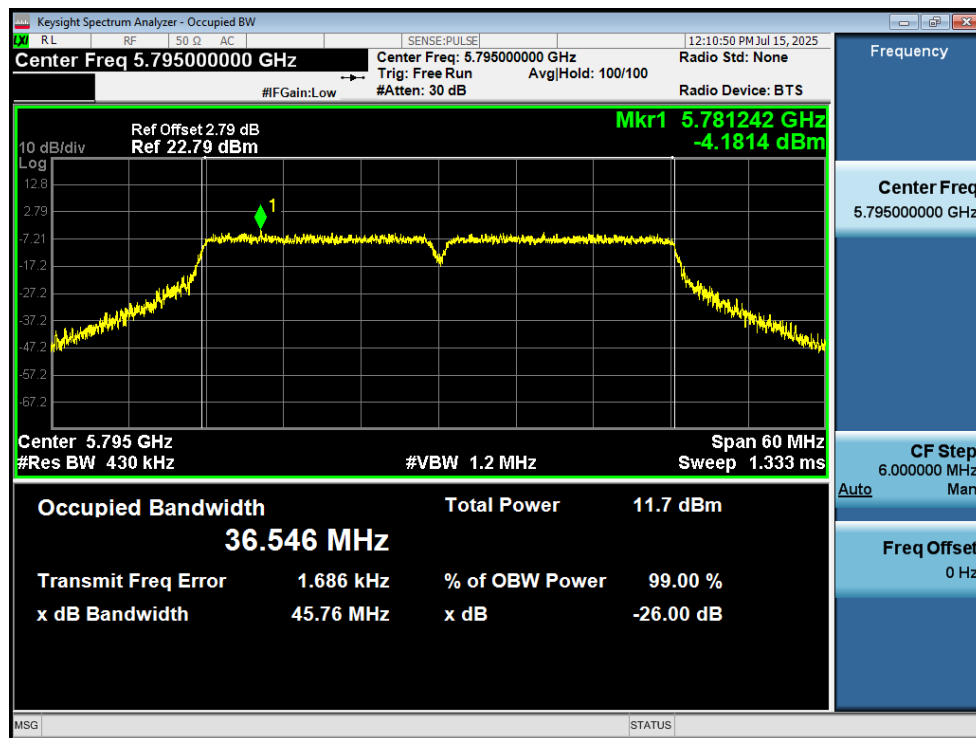
OBW NVNT ax20 5785MHz Ant1



OBW NVNT ax20 5825MHz Ant1



OBW NVNT ax40 5755MHz Ant1



OBW NVNT ax40 5795MHz Ant1

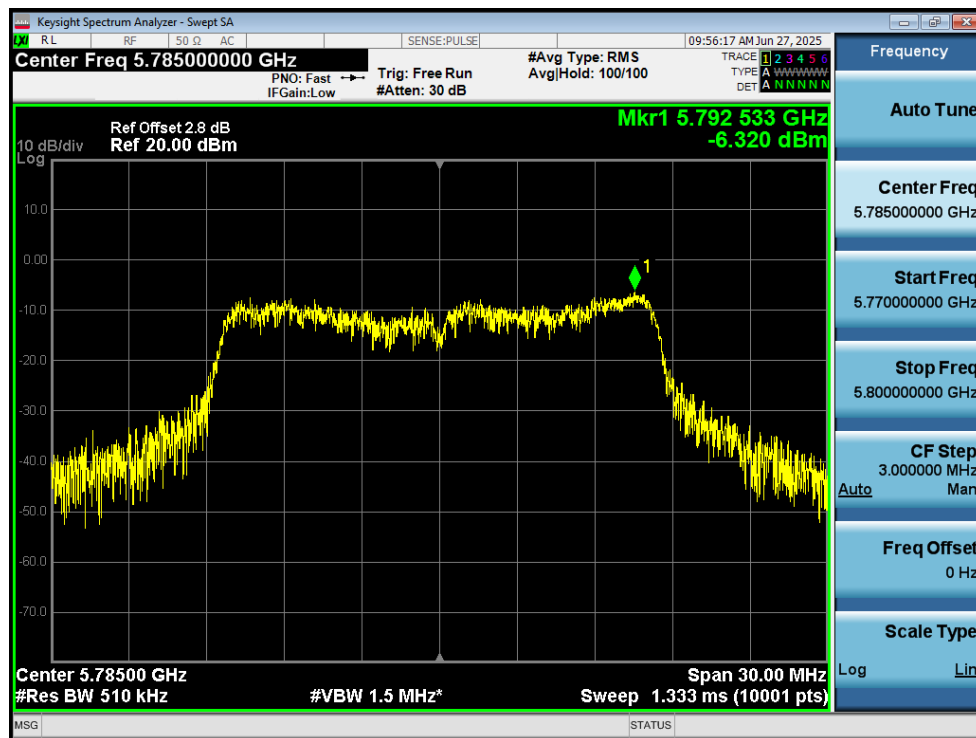
5. Maximum Power Spectral Density Level

Condition	Mode	Frequency (MHz)	Antenna	Conducted PSD (dBm)	Duty Factor (dB)	10log (510/500)	Total PSD (dBm/500KHz)	Limit (dBm/500KHz)	Verdict
NVNT	a	5745	Ant1	-4.77	8.34	0.086	3.656	30	Pass
NVNT	a	5785	Ant1	-6.32	8.3	0.086	2.066	30	Pass
NVNT	a	5825	Ant1	-7.61	8.33	0.086	0.806	30	Pass
NVNT	n20	5745	Ant1	-2.69	4.57	0.086	1.966	30	Pass
NVNT	n20	5785	Ant1	-4.47	4.57	0.086	0.186	30	Pass
NVNT	n20	5825	Ant1	-5.64	4.59	0.086	-0.964	30	Pass
NVNT	n40	5755	Ant1	-5.31	5.05	0.086	-0.174	30	Pass
NVNT	n40	5795	Ant1	-7.68	4.68	0.086	-2.914	30	Pass
NVNT	ac20	5745	Ant1	-4.52	5.07	0.086	0.636	30	Pass
NVNT	ac20	5785	Ant1	-3.63	5.05	0.086	1.506	30	Pass
NVNT	ac20	5825	Ant1	-5.37	5.05	0.086	-0.234	30	Pass
NVNT	ac40	5755	Ant1	-6.89	5.45	0.086	-1.354	30	Pass
NVNT	ac40	5795	Ant1	-7.68	5.43	0.086	-2.164	30	Pass
NVNT	ax20	5745	Ant1	-7.87	2.51	0.086	-5.274	30	Pass
NVNT	ax20	5785	Ant1	-9.05	4.37	0.086	-4.594	30	Pass
NVNT	ax20	5825	Ant1	-9.41	2.52	0.086	-6.804	30	Pass
NVNT	ax40	5755	Ant1	-10.79	2.59	0.086	-8.114	30	Pass
NVNT	ax40	5795	Ant1	-19.4	2.58	0.086	-16.734	30	Pass

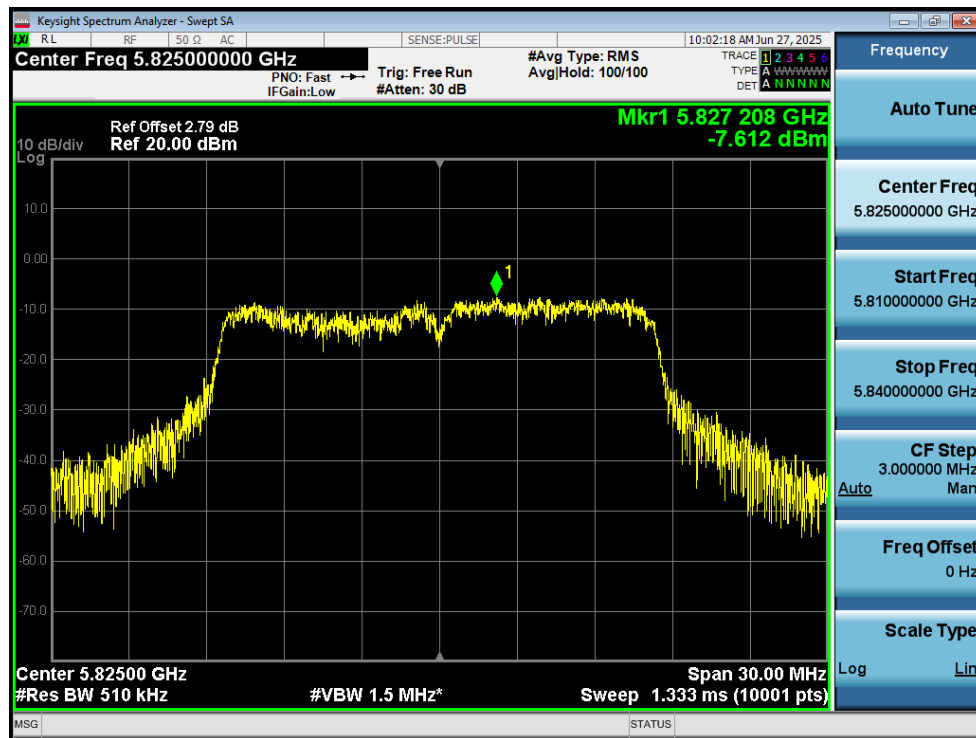
Note: Total PSD=Conducted PSD + Duty factor+(10log(Test RBW/ Limit RBW)



PSD NVNT a 5745MHz Ant1



PSD NVNT a 5785MHz Ant1



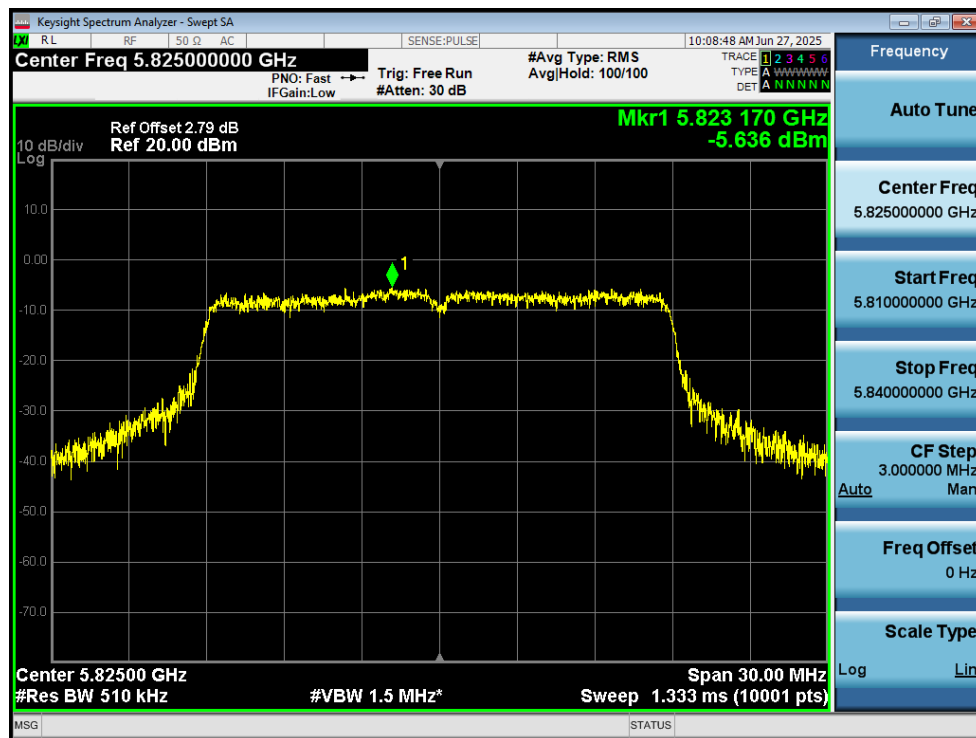
PSD NVNT a 5825MHz Ant1



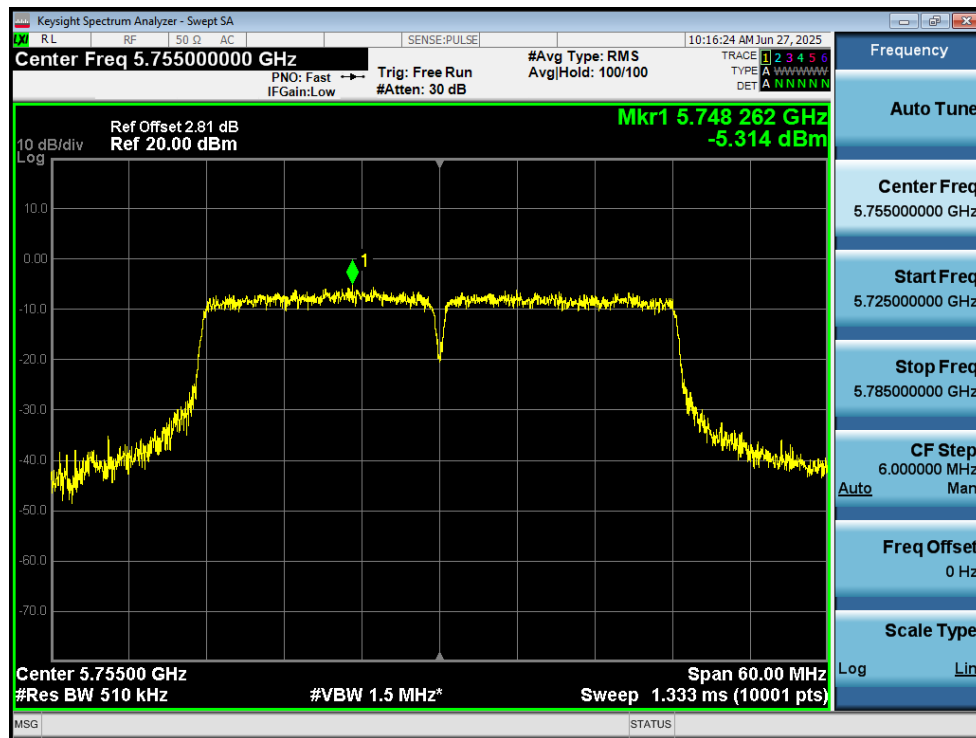
PSD NVNT n20 5745MHz Ant1



PSD NVNT n20 5785MHz Ant1



PSD NVNT n20 5825MHz Ant1



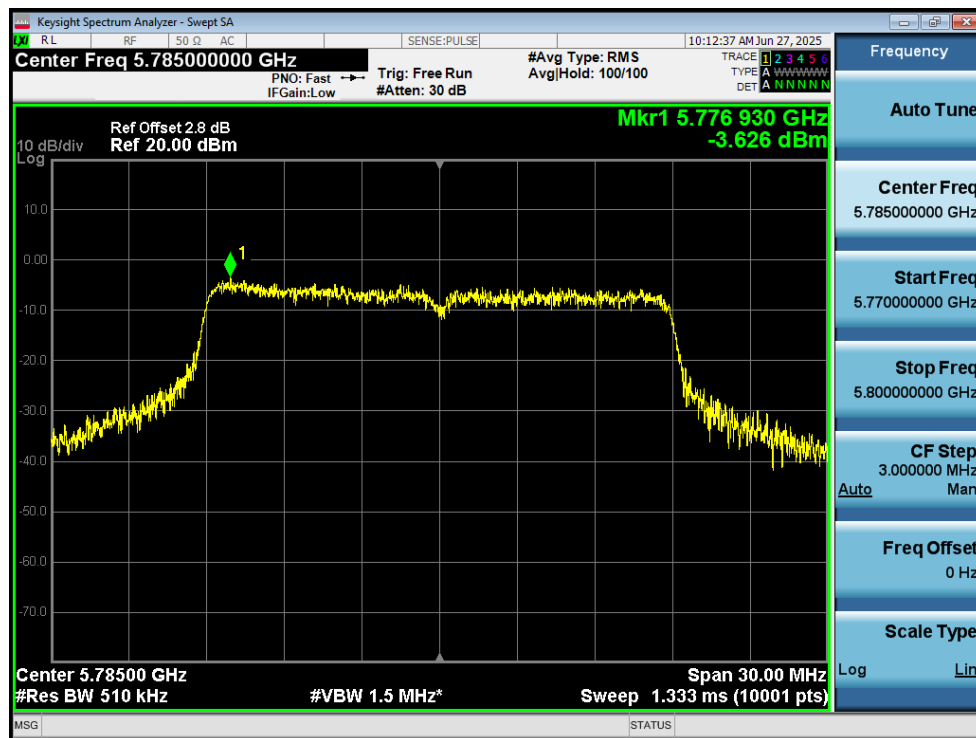
PSD NVNT n40 5755MHz Ant1



PSD NVNT n40 5795MHz Ant1



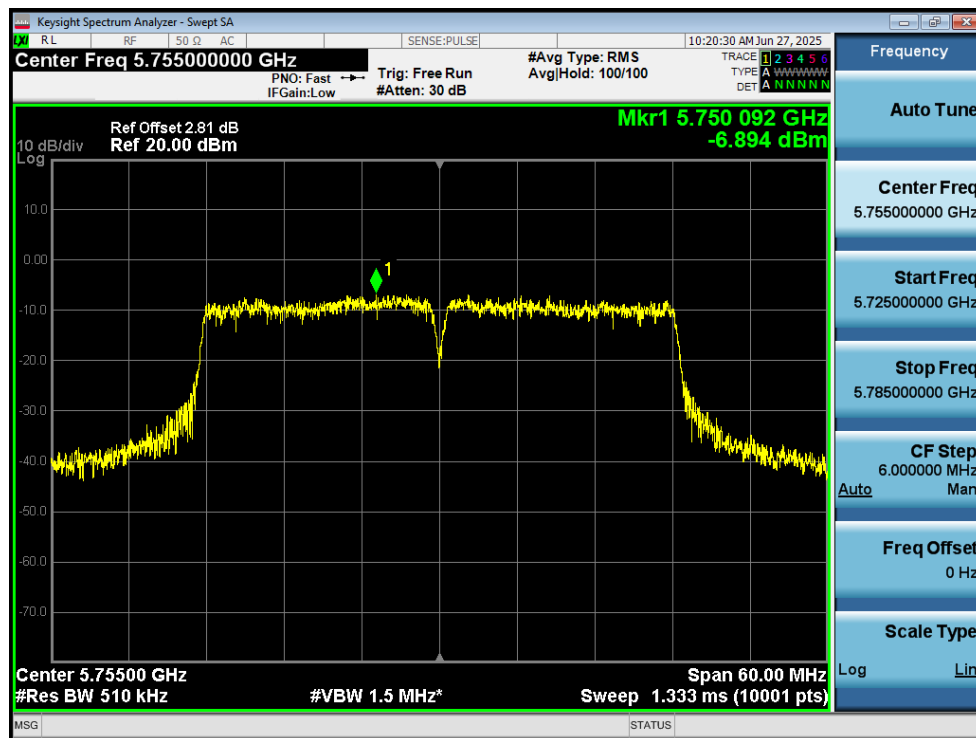
PSD NVNT ac20 5745MHz Ant1



PSD NVNT ac20 5785MHz Ant1



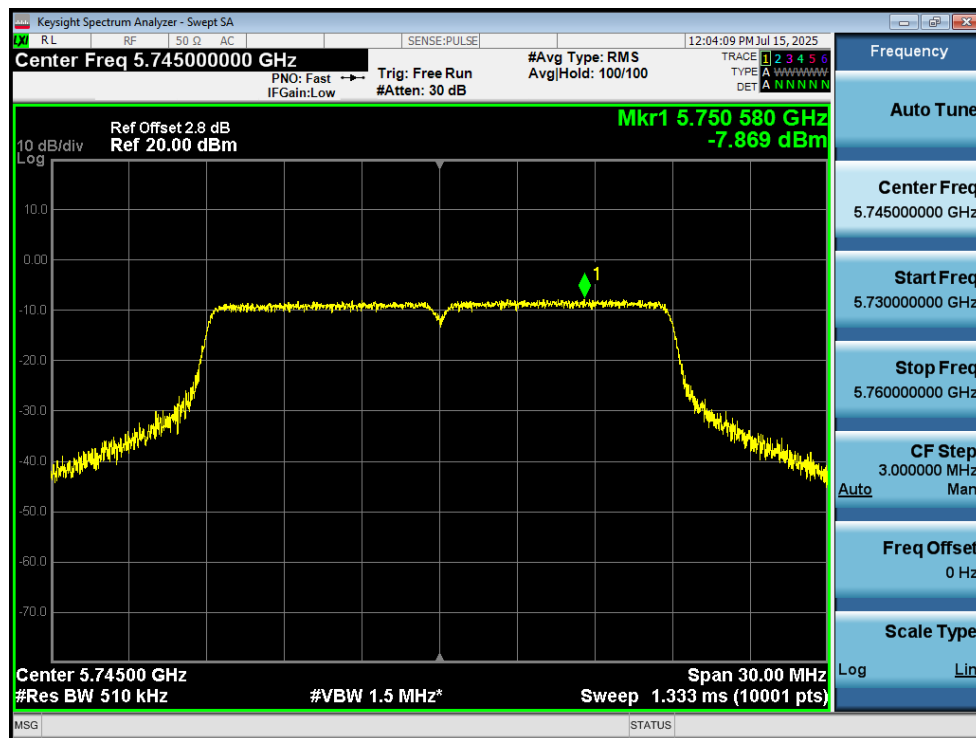
PSD NVNT ac20 5825MHz Ant1



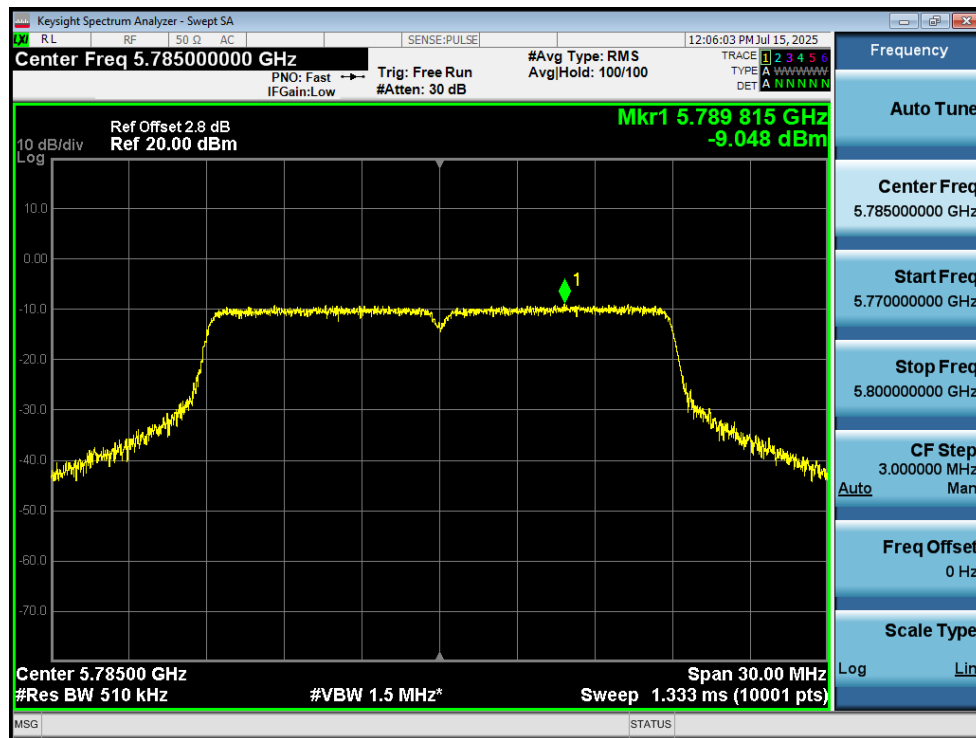
PSD NVNT ac40 5755MHz Ant1



PSD NVNT ac40 5795MHz Ant1



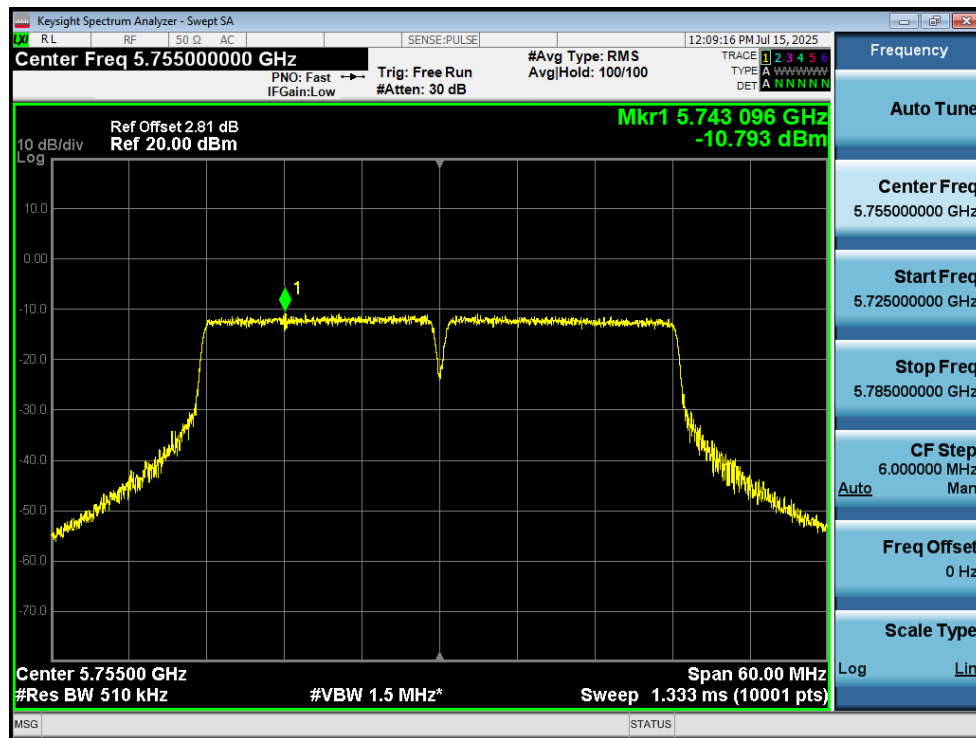
PSD NVNT ax20 5745MHz Ant1



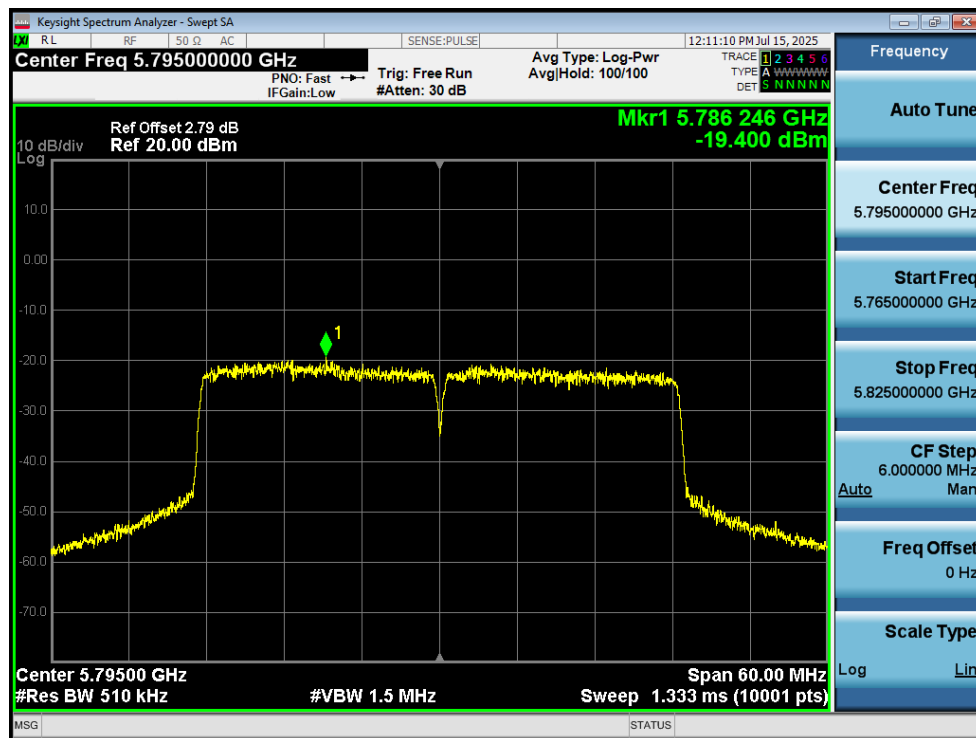
PSD NVNT ax20 5785MHz Ant1



PSD NVNT ax20 5825MHz Ant1



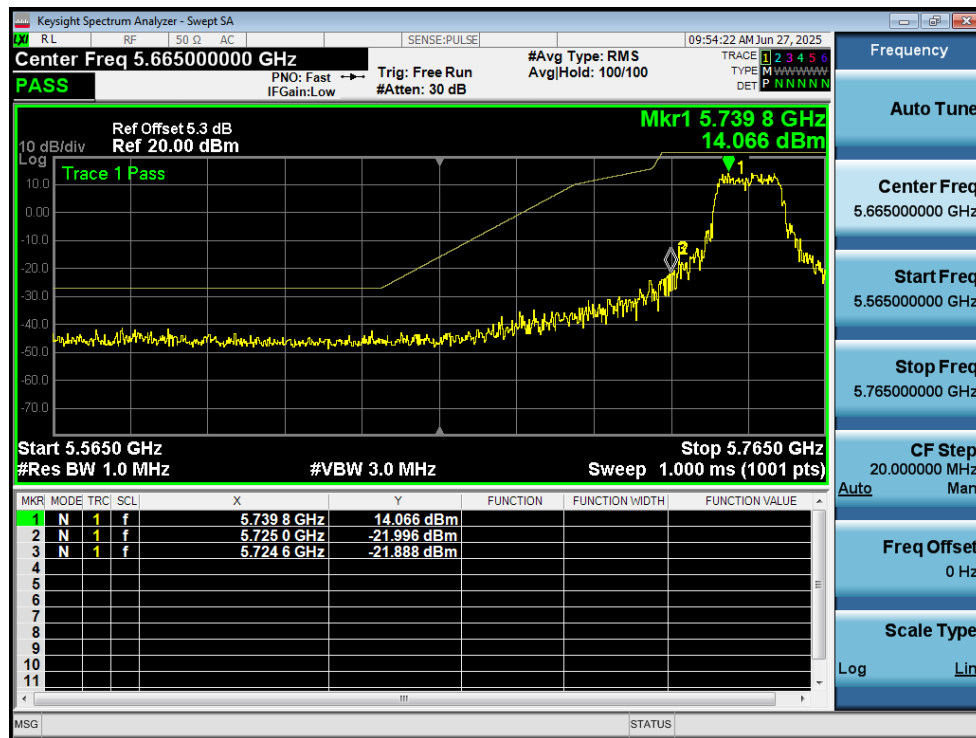
PSD NVNT ax40 5755MHz Ant1



PSD NVNT ax40 5795MHz Ant1

6. Band Edge

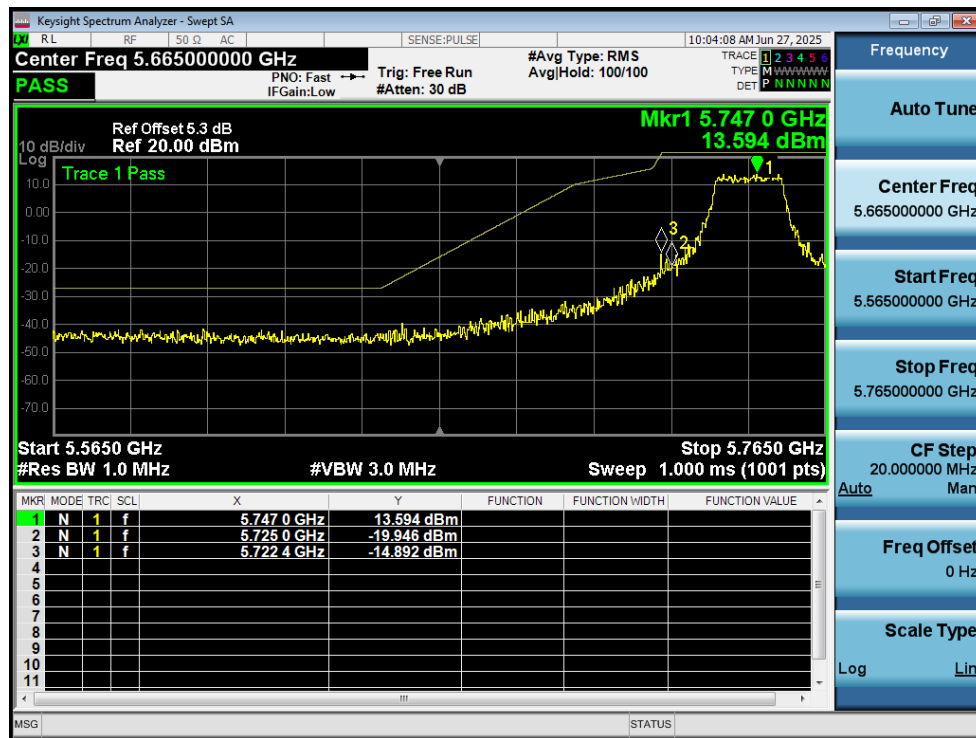
Condition	Mode	Frequency (MHz)	Antenna	Max Value (dBm)	Verdict
NVNT	a	5745	Ant1	-21.88	Pass
NVNT	a	5825	Ant1	-26.68	Pass
NVNT	n20	5745	Ant1	-14.89	Pass
NVNT	n20	5825	Ant1	-26.85	Pass
NVNT	n40	5755	Ant1	-14.19	Pass
NVNT	n40	5795	Ant1	-26.18	Pass
NVNT	ac20	5745	Ant1	-14.41	Pass
NVNT	ac20	5825	Ant1	-22.4	Pass
NVNT	ac40	5755	Ant1	-14.39	Pass
NVNT	ac40	5795	Ant1	-25.56	Pass
NVNT	ax20	5745	Ant1	-32.2	Pass
NVNT	ax20	5825	Ant1	-33.48	Pass
NVNT	ax40	5755	Ant1	-34.09	Pass
NVNT	ax40	5795	Ant1	-42.44	Pass



Band Edge NVNT a 5745MHz Low Ant1



Band Edge NVNT a 5825MHz High Ant1



Band Edge NVNT n20 5745MHz Low Ant1



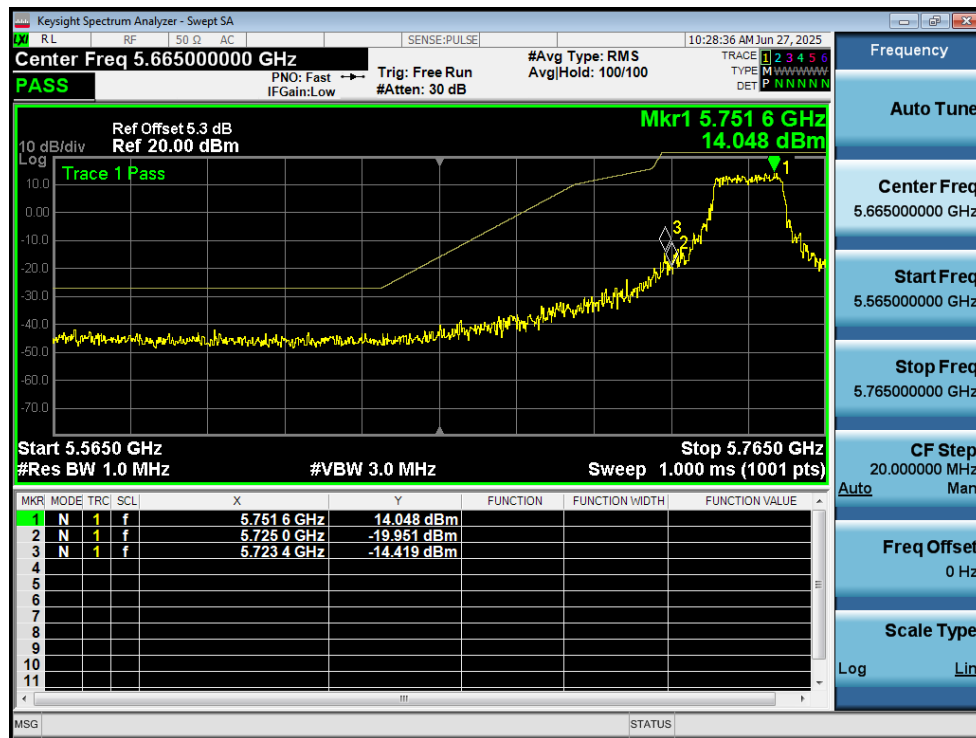
Band Edge NVNT n20 5825MHz High Ant1



Band Edge NVNT n40 5755MHz Low Ant1



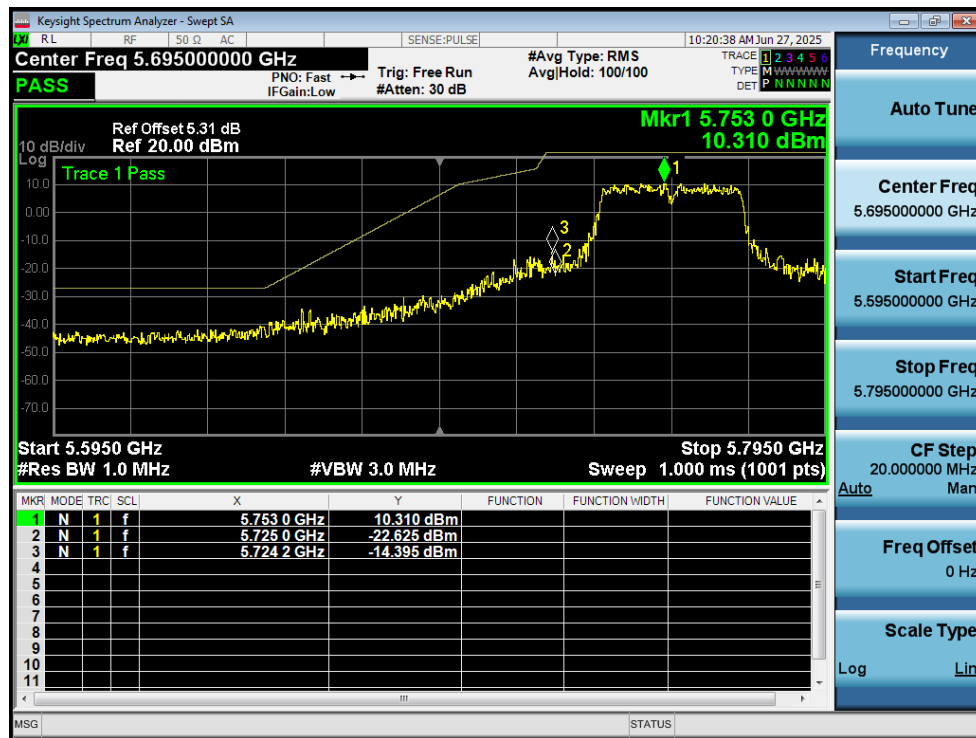
Band Edge NVNT n40 5795MHz High Ant1



Band Edge NVNT ac20 5745MHz Low Ant1



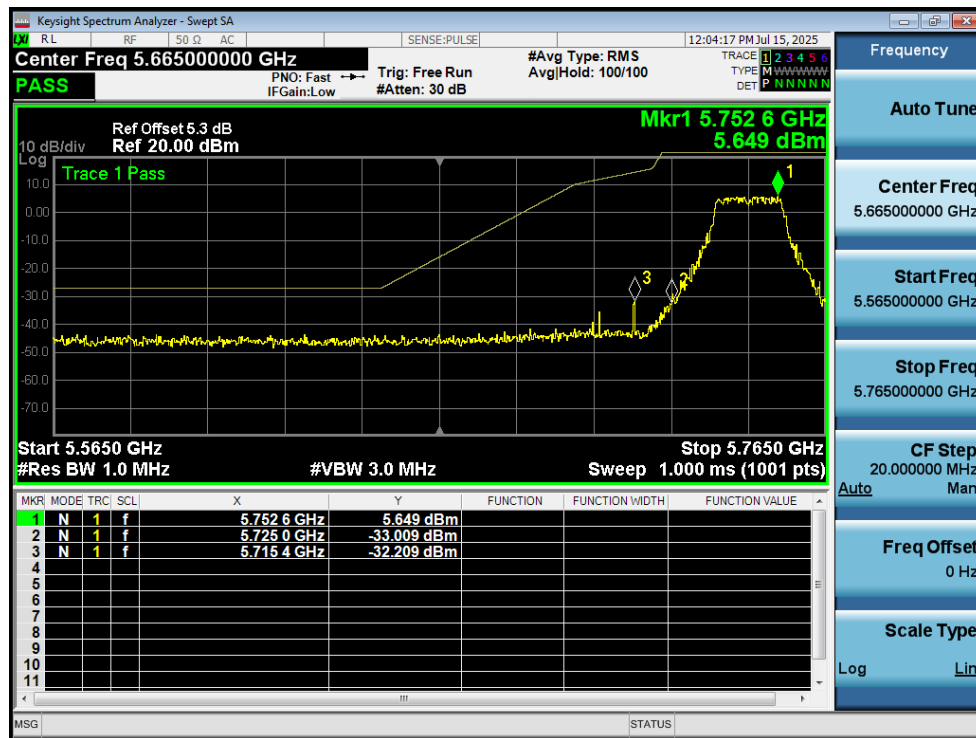
Band Edge NVNT ac20 5825MHz High Ant1



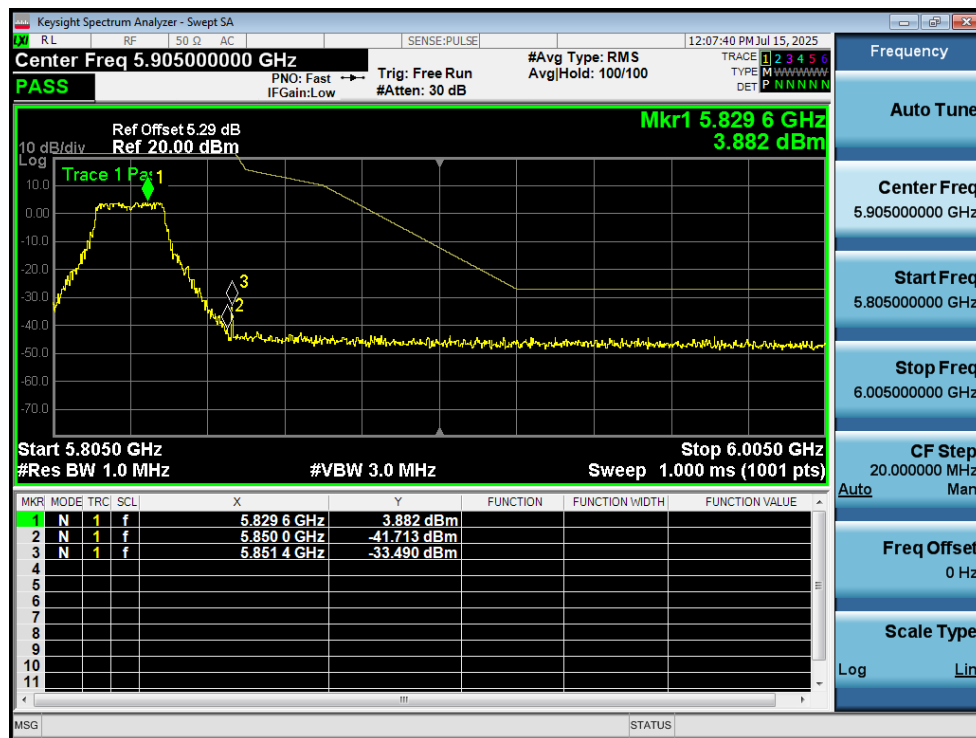
Band Edge NVNT ac40 5755MHz Low Ant1



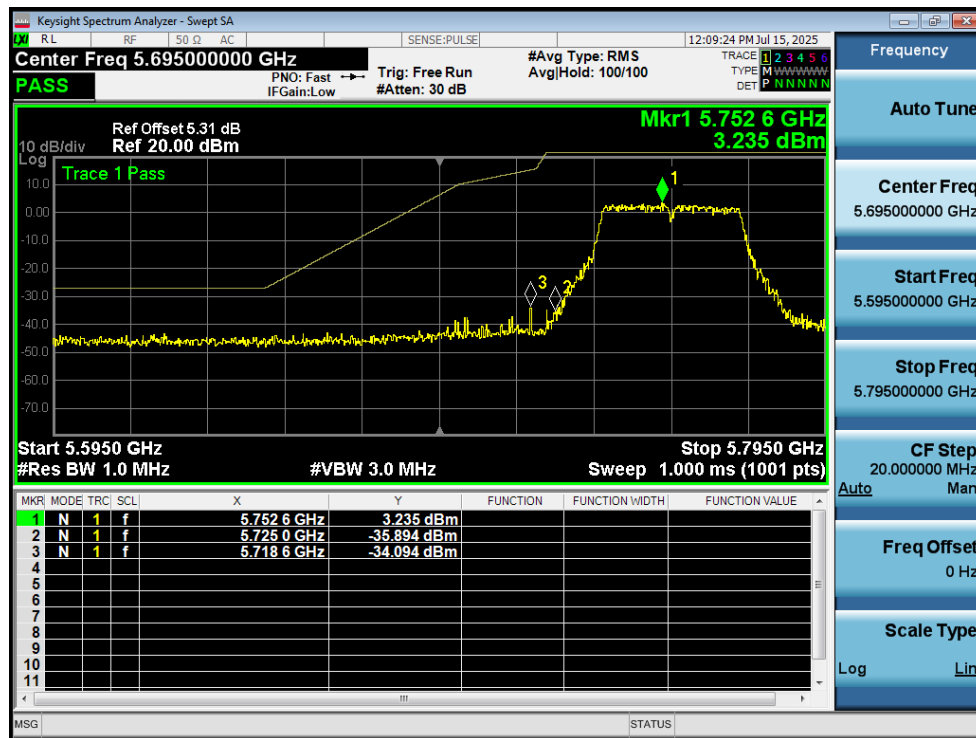
Band Edge NVNT ac40 5795MHz High Ant1



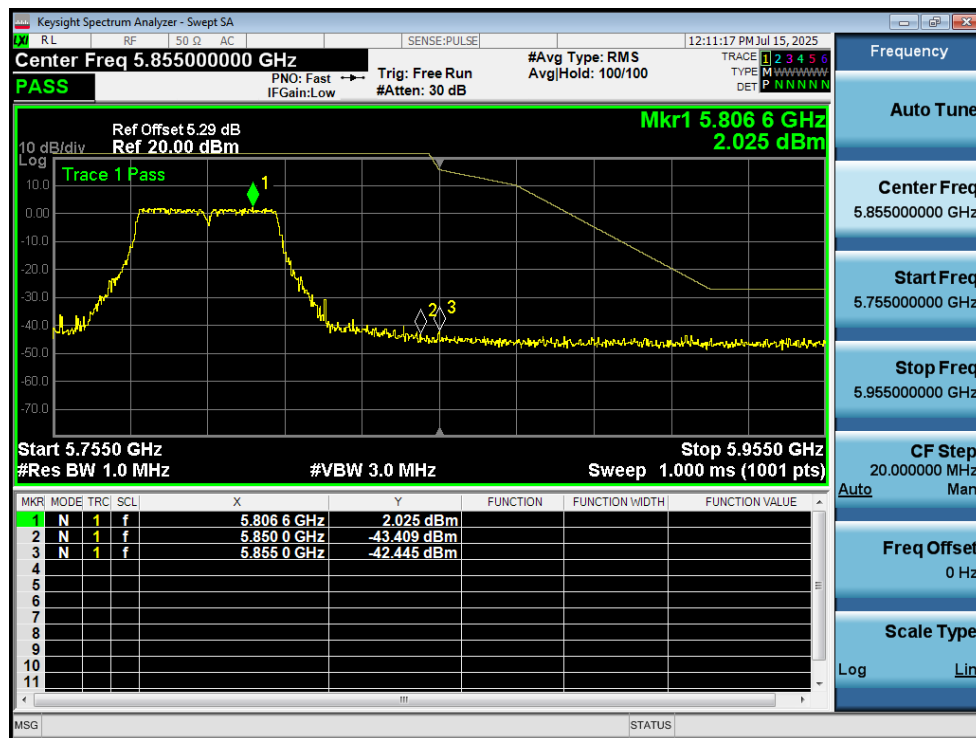
Band Edge NVNT ax20 5745MHz Low Ant1



Band Edge NVNT ax20 5825MHz High Ant1



Band Edge NVNT ax40 5755MHz Low Ant1

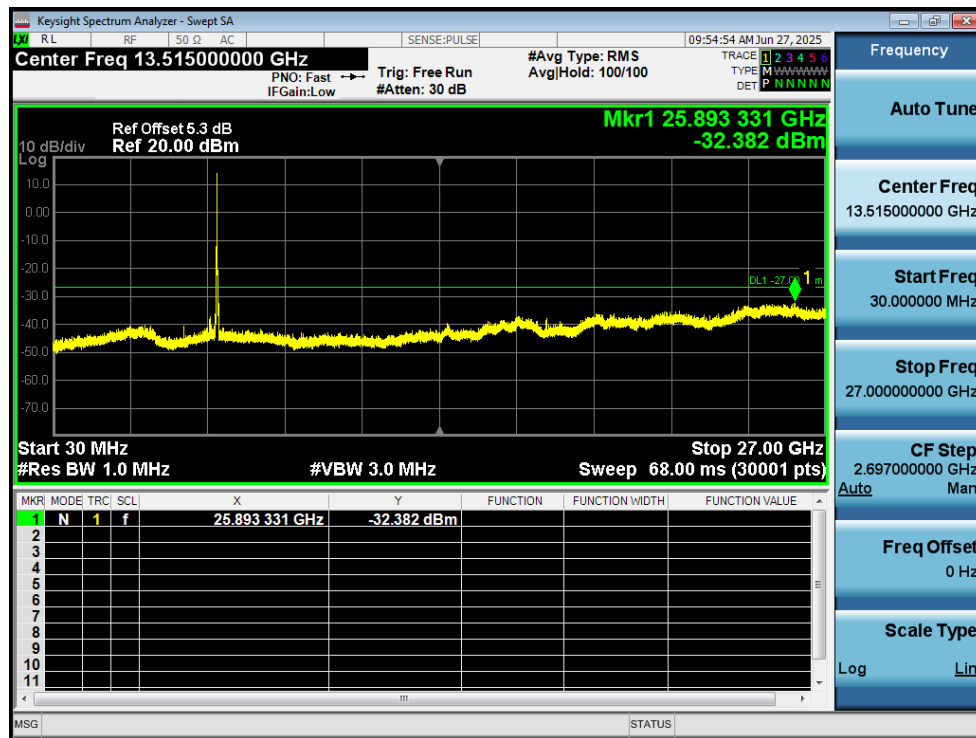


Band Edge NVNT ax40 5795MHz High Ant1

7. Conducted RF Spurious Emission

Condition	Mode	Frequency (MHz)	Antenna	Max Value (dBc)	Limit (dBc)	Verdict
NVNT	a	5745	Ant1	-32.38	-27	Pass
NVNT	a	5785	Ant1	-32.77	-27	Pass
NVNT	a	5825	Ant1	-31	-27	Pass
NVNT	n20	5745	Ant1	-30.17	-27	Pass
NVNT	n20	5785	Ant1	-29.98	-27	Pass
NVNT	n20	5825	Ant1	-31.86	-27	Pass
NVNT	n40	5755	Ant1	-31.99	-27	Pass
NVNT	n40	5795	Ant1	-32.31	-27	Pass
NVNT	ac20	5745	Ant1	-31.31	-27	Pass
NVNT	ac20	5785	Ant1	-31.87	-27	Pass
NVNT	ac20	5825	Ant1	-31.71	-27	Pass
NVNT	ac40	5755	Ant1	-32.24	-27	Pass
NVNT	ac40	5795	Ant1	-32.26	-27	Pass
NVNT	ax20	5745	Ant1	-31.42	-27	Pass
NVNT	ax20	5785	Ant1	-31.48	-27	Pass
NVNT	ax20	5825	Ant1	-31.88	-27	Pass
NVNT	ax40	5755	Ant1	-31.77	-27	Pass
NVNT	ax40	5795	Ant1	-31.68	-27	Pass

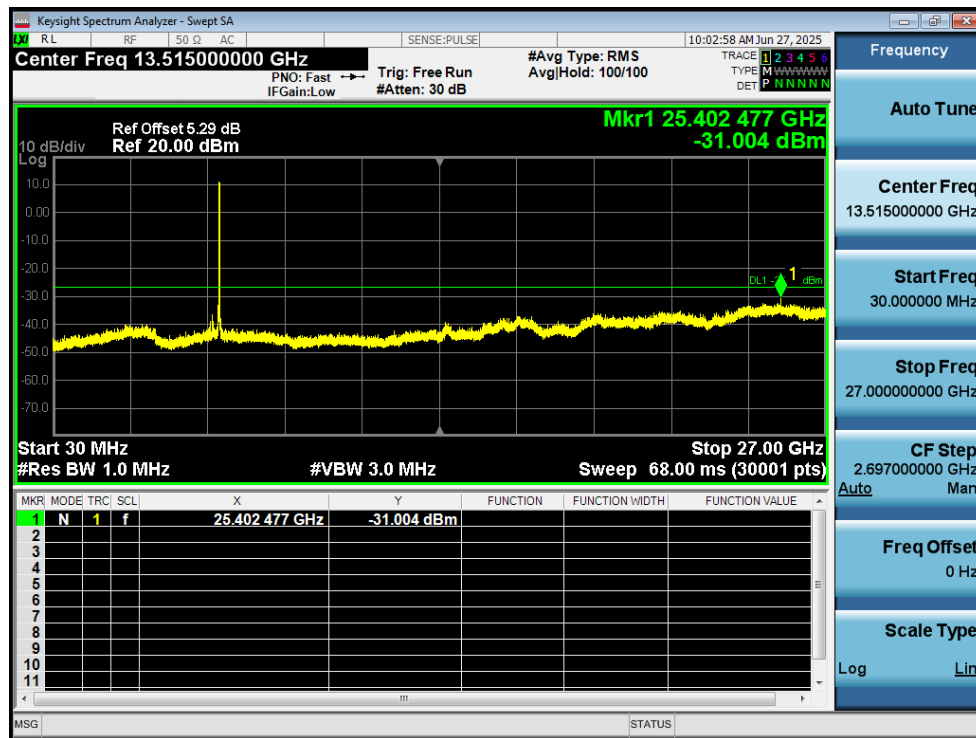
Note: Testing is carried out with frequency rang 30MHz to the 40GHz, above 27GHz not recorded for no spurious point have a margin of less than 20dB with respect to the limits.



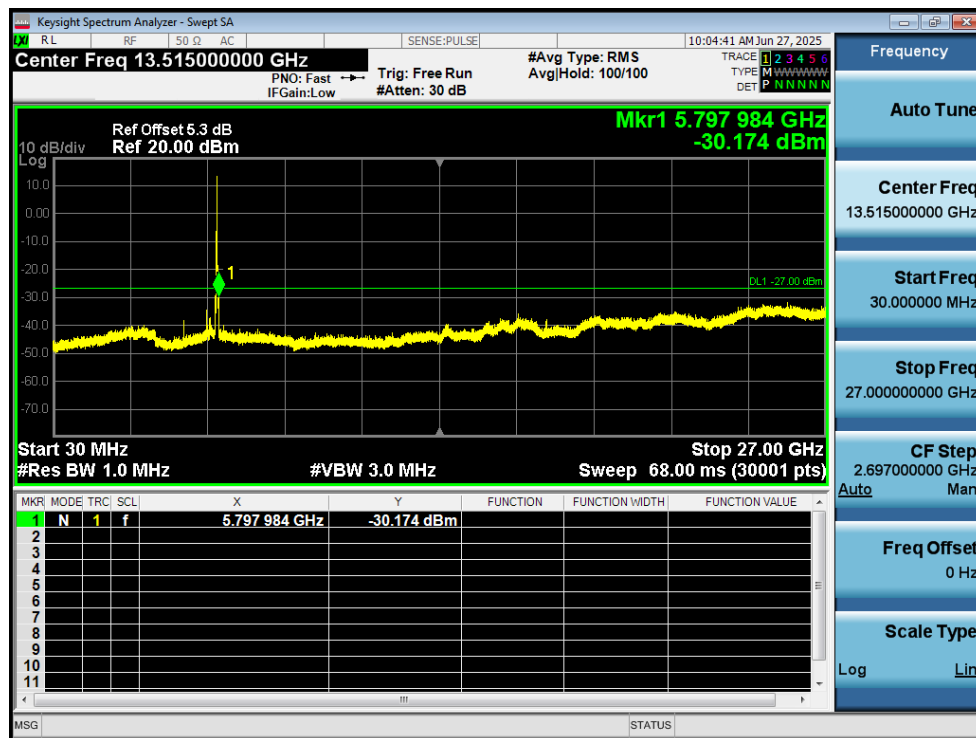
Tx. Spurious NVNT a 5745MHz Ant1 Emission



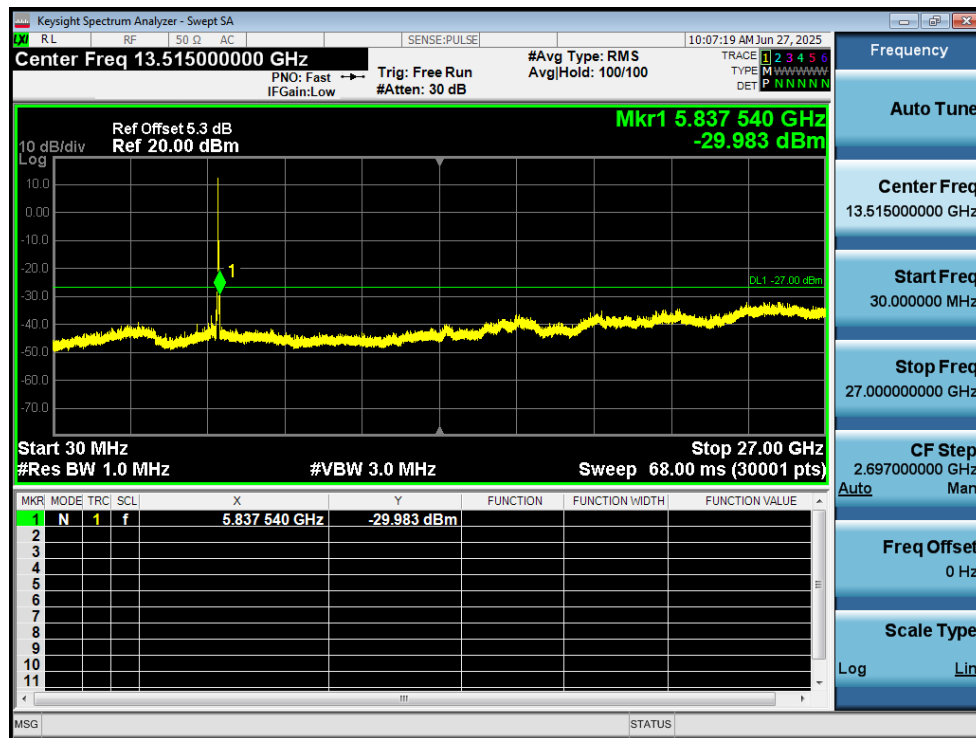
Tx. Spurious NVNT a 5785MHz Ant1 Emission



Tx. Spurious NVNT a 5825MHz Ant1 Emission



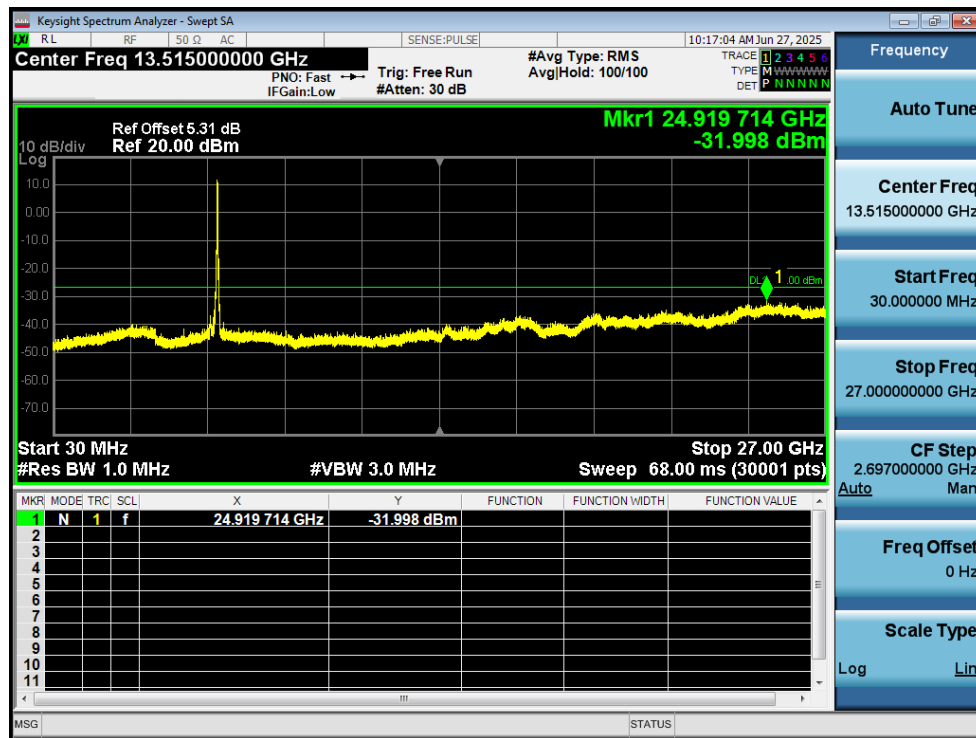
Tx. Spurious NVNT n20 5745MHz Ant1 Emission



Tx. Spurious NVNT n20 5785MHz Ant1 Emission



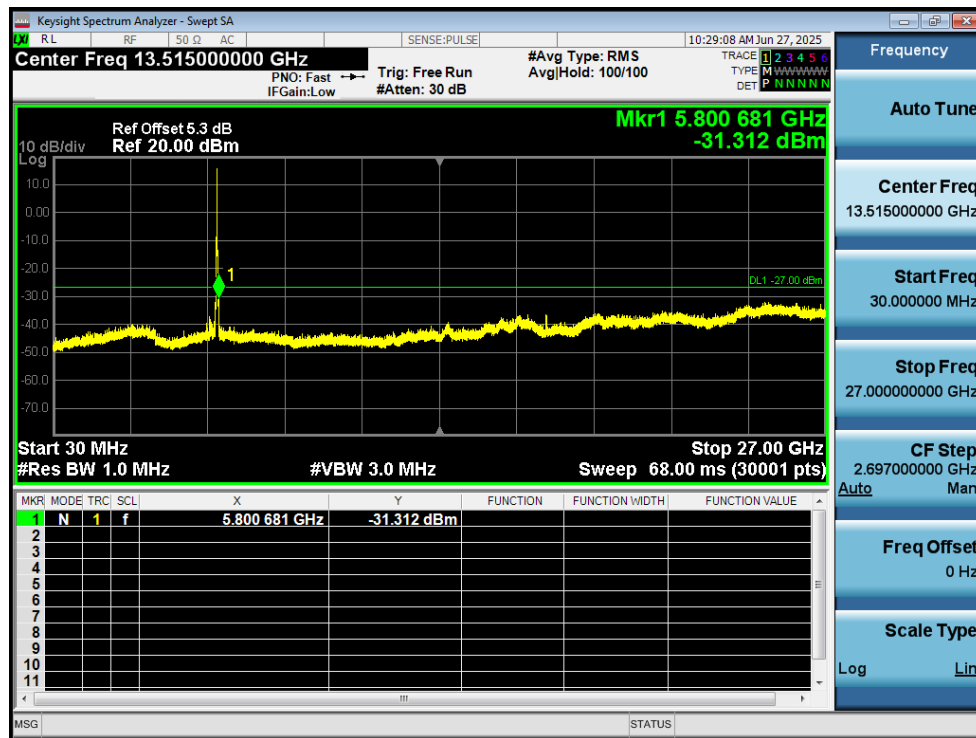
Tx. Spurious NVNT n20 5825MHz Ant1 Emission



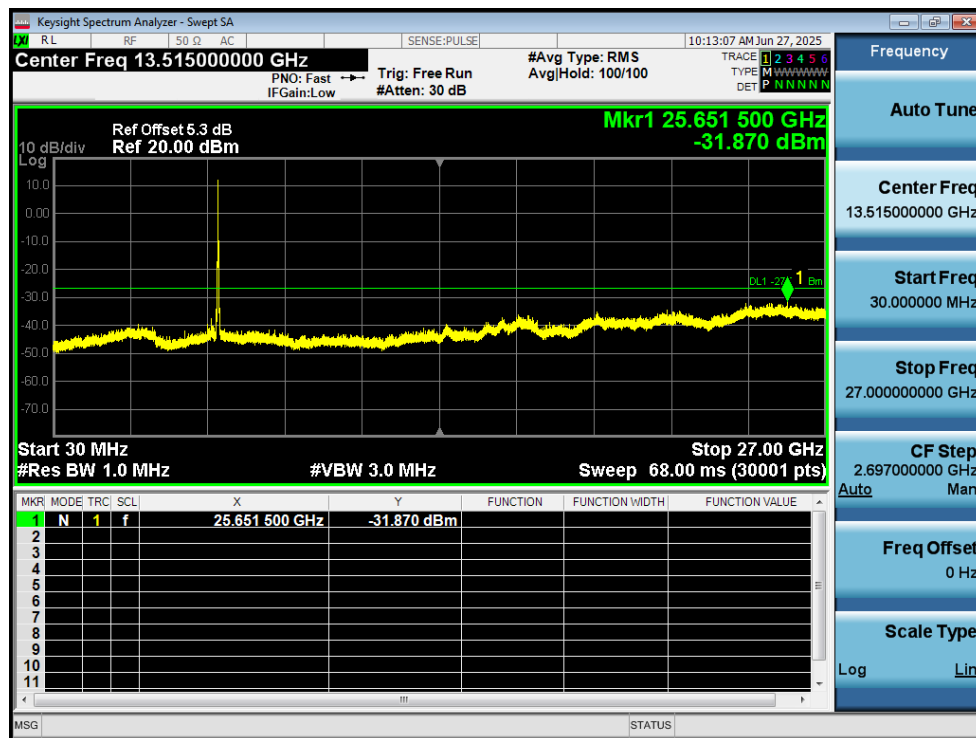
Tx. Spurious NVNT n40 5755MHz Ant1 Emission



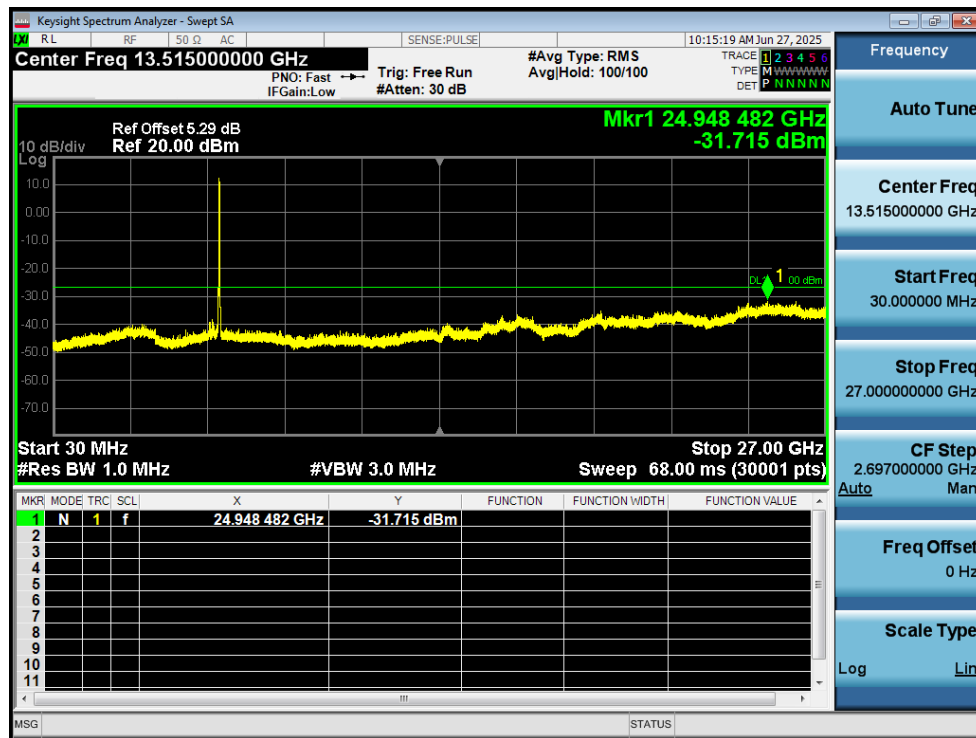
Tx. Spurious NVNT n40 5795MHz Ant1 Emission



Tx. Spurious NVNT ac20 5745MHz Ant1 Emission



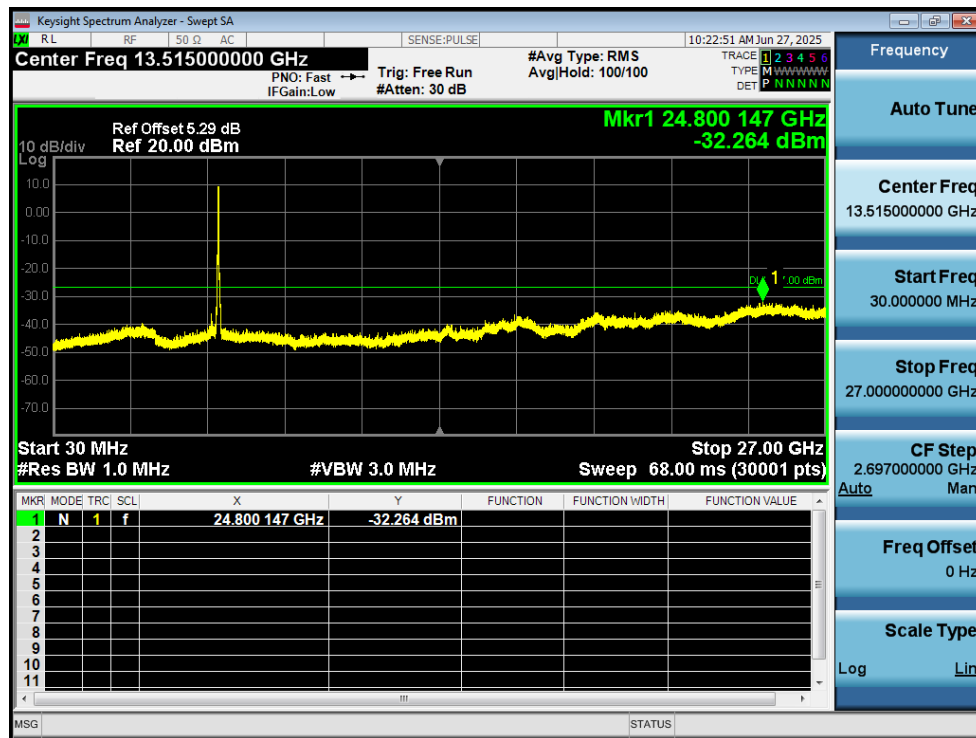
Tx. Spurious NVNT ac20 5785MHz Ant1 Emission



Tx. Spurious NVNT ac20 5825MHz Ant1 Emission



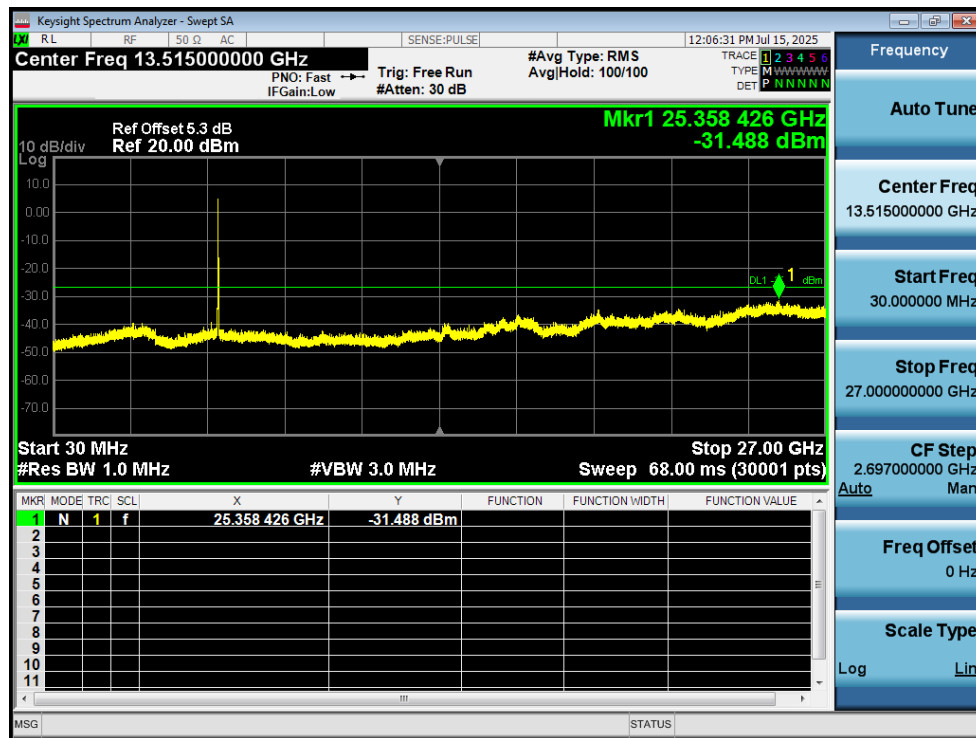
Tx. Spurious NVNT ac40 5755MHz Ant1 Emission



Tx. Spurious NVNT ac40 5795MHz Ant1 Emission



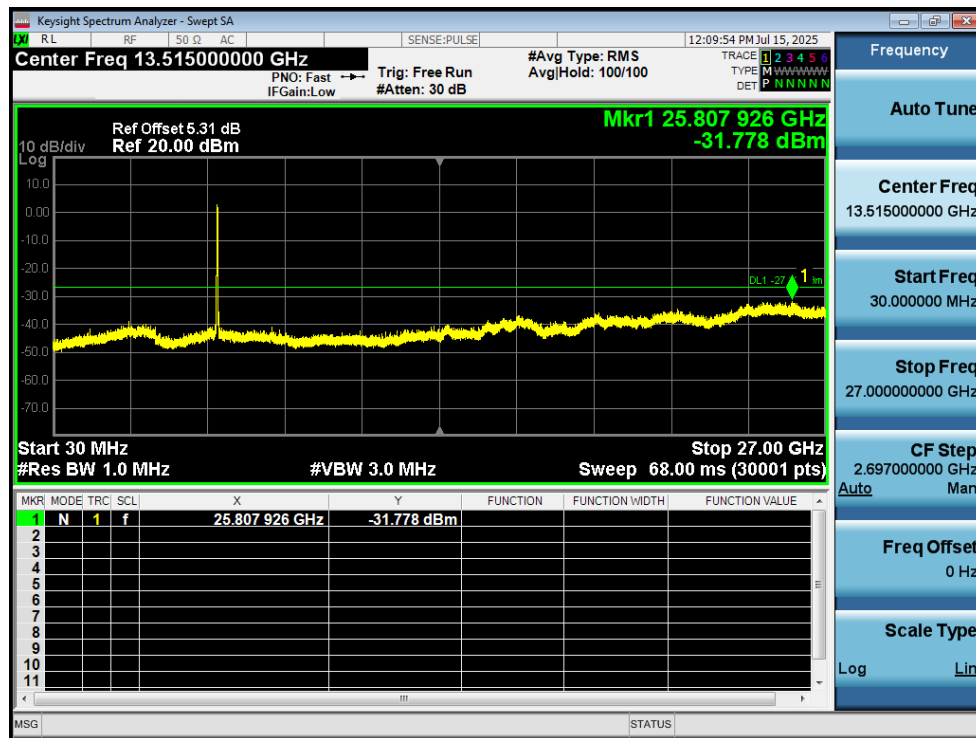
Tx. Spurious NVNT ax20 5745MHz Ant1 Emission



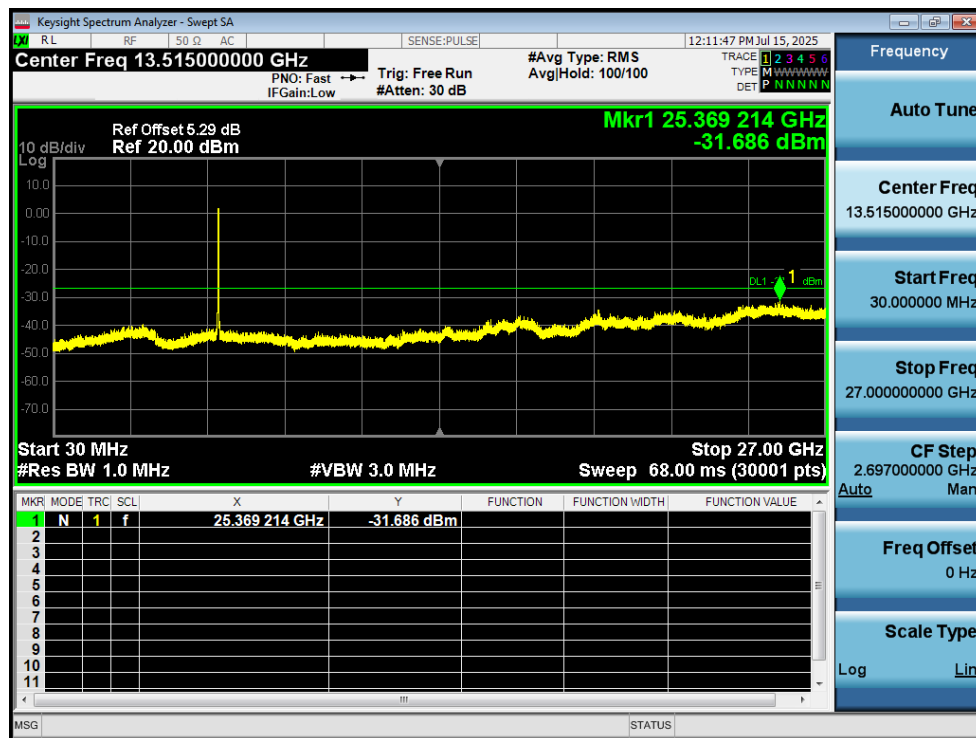
Tx. Spurious NVNT ax20 5785MHz Ant1 Emission



Tx. Spurious NVNT ax20 5825MHz Ant1 Emission



Tx. Spurious NVNT ax40 5755MHz Ant1 Emission



Tx. Spurious NVNT ax40 5795MHz Ant1 Emission