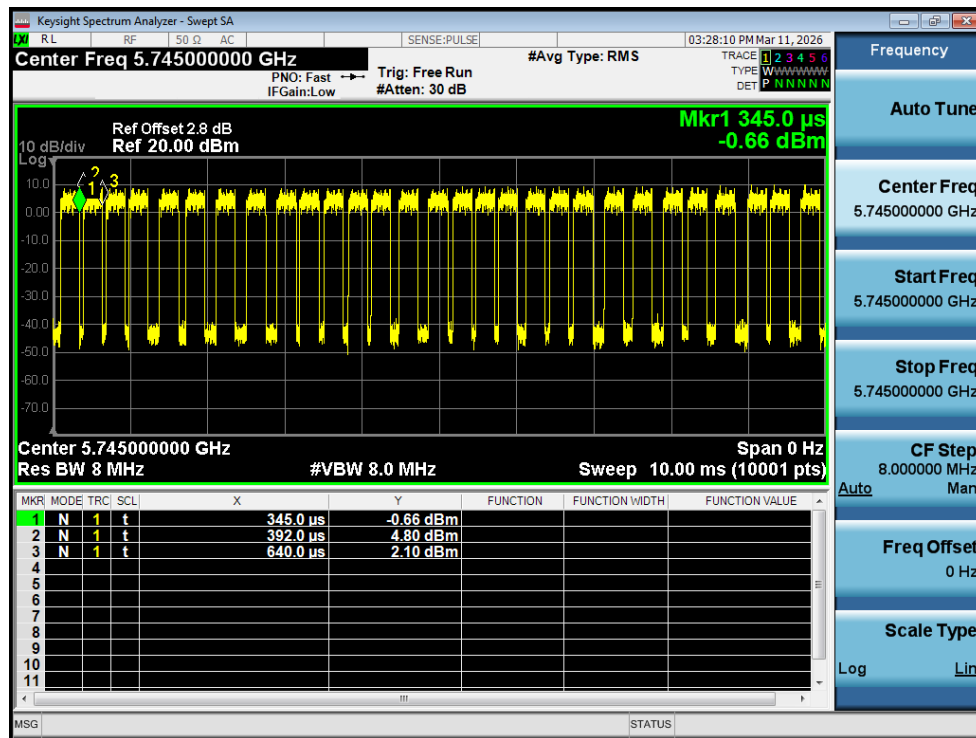


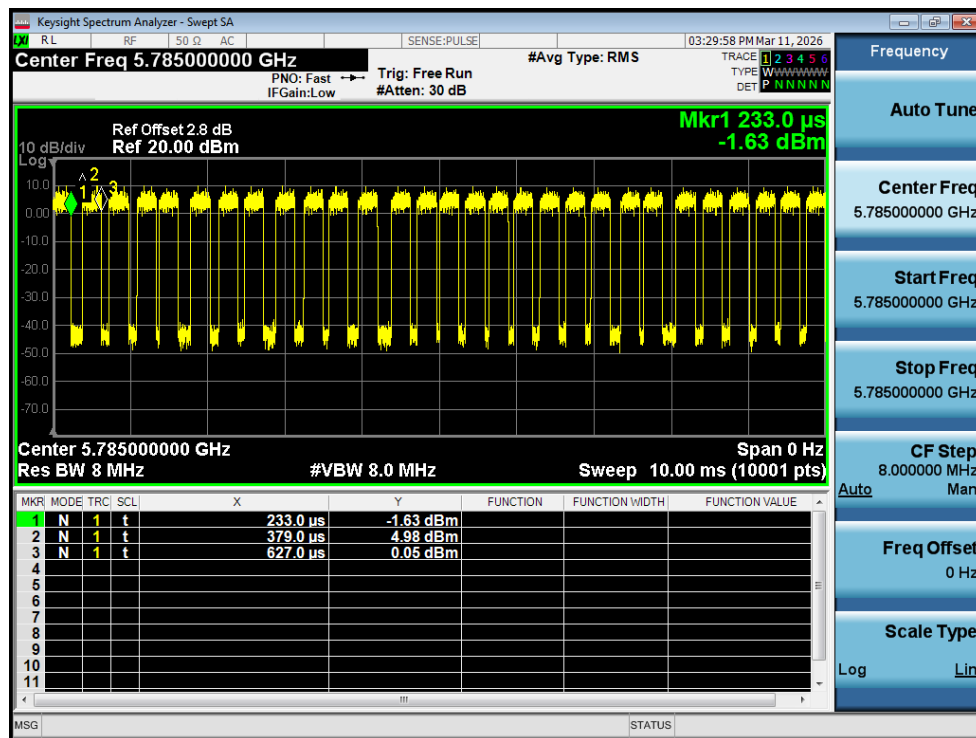
Test Data Appendix of Test Report

1. Duty Cycle

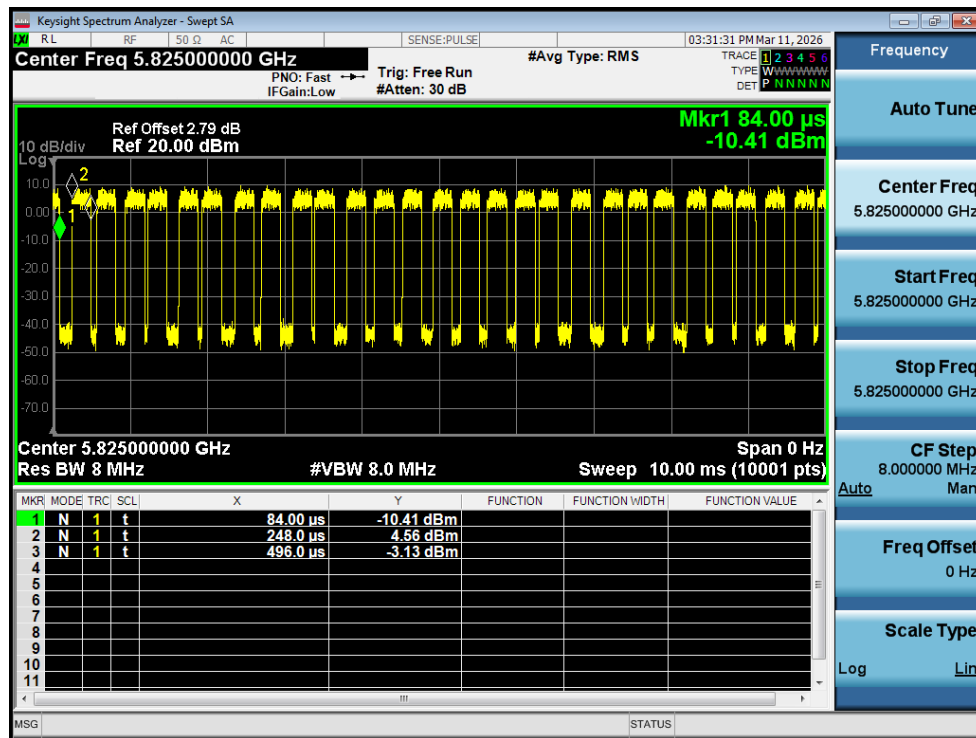
Condition	Mode	Frequency (MHz)	Antenna	Duty Cycle (%)	Correction Factor (dB)	1/T (kHz)
NVNT	a	5745	Ant1	84.07	0.75	4.03
NVNT	a	5785	Ant1	62.94	2.01	4.03
NVNT	a	5825	Ant1	60.19	2.2	4.03
NVNT	n20	5745	Ant1	56.86	2.45	4.39
NVNT	n20	5785	Ant1	64.33	1.92	4.37
NVNT	n20	5825	Ant1	78.16	1.07	4.37
NVNT	n40	5755	Ant1	58.91	2.3	8.4
NVNT	n40	5795	Ant1	56.87	2.45	8.33
NVNT	ac20	5745	Ant1	60.98	2.15	5
NVNT	ac20	5785	Ant1	80.97	0.92	5
NVNT	ac20	5825	Ant1	59.35	2.27	5
NVNT	ac40	5755	Ant1	37.77	4.23	9.52
NVNT	ac40	5795	Ant1	59.22	2.28	9.43
NVNT	ax20	5745	Ant1	68.49	1.64	5
NVNT	ax20	5785	Ant1	80.97	0.92	5
NVNT	ax20	5825	Ant1	68.49	1.64	5



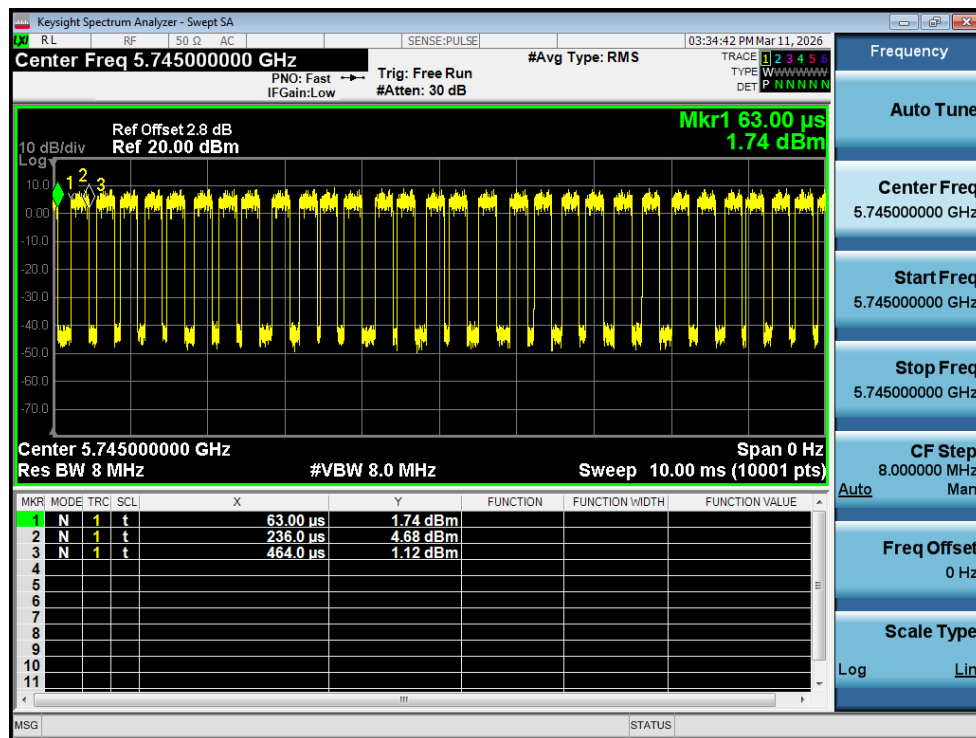
Duty Cycle NVNT a 5745MHz Ant1



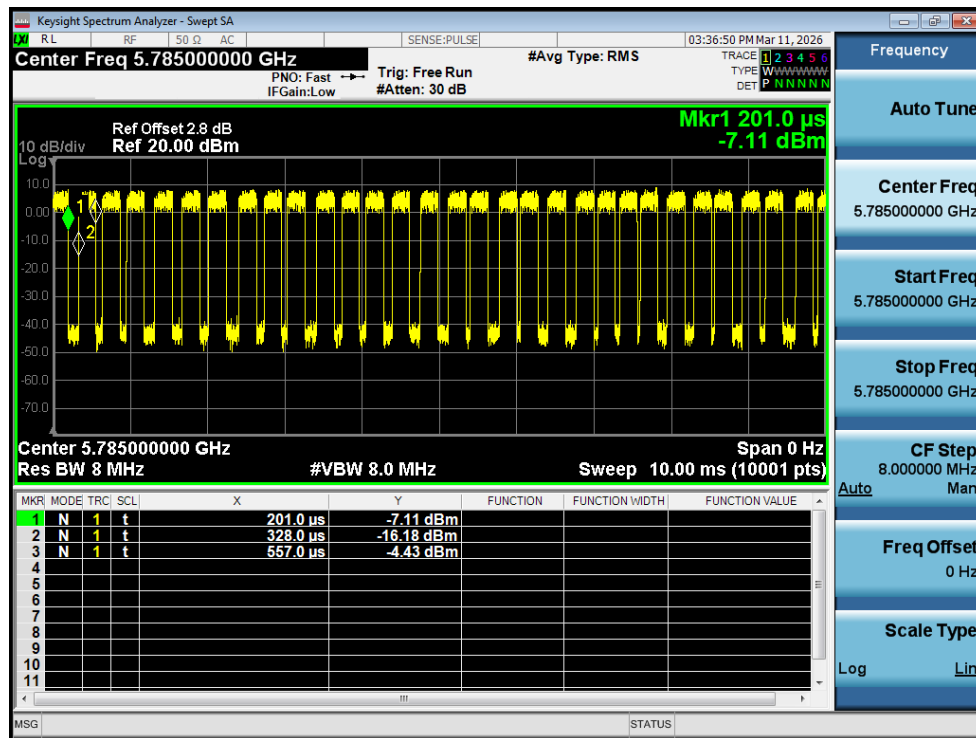
Duty Cycle NVNT a 5785MHz Ant1



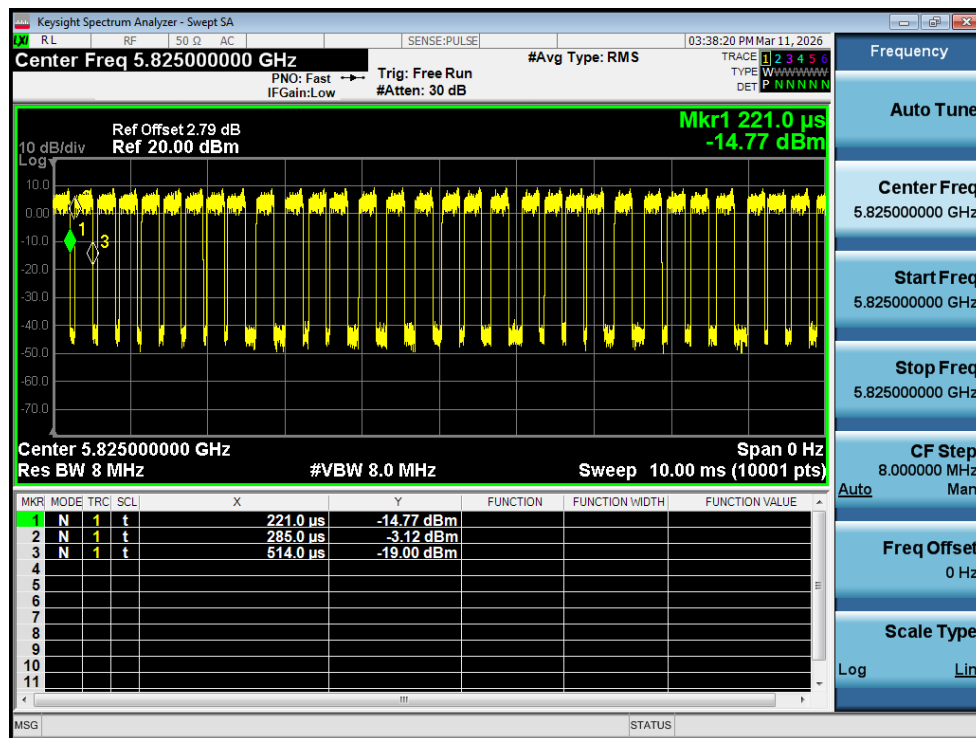
Duty Cycle NVNT a 5825MHz Ant1



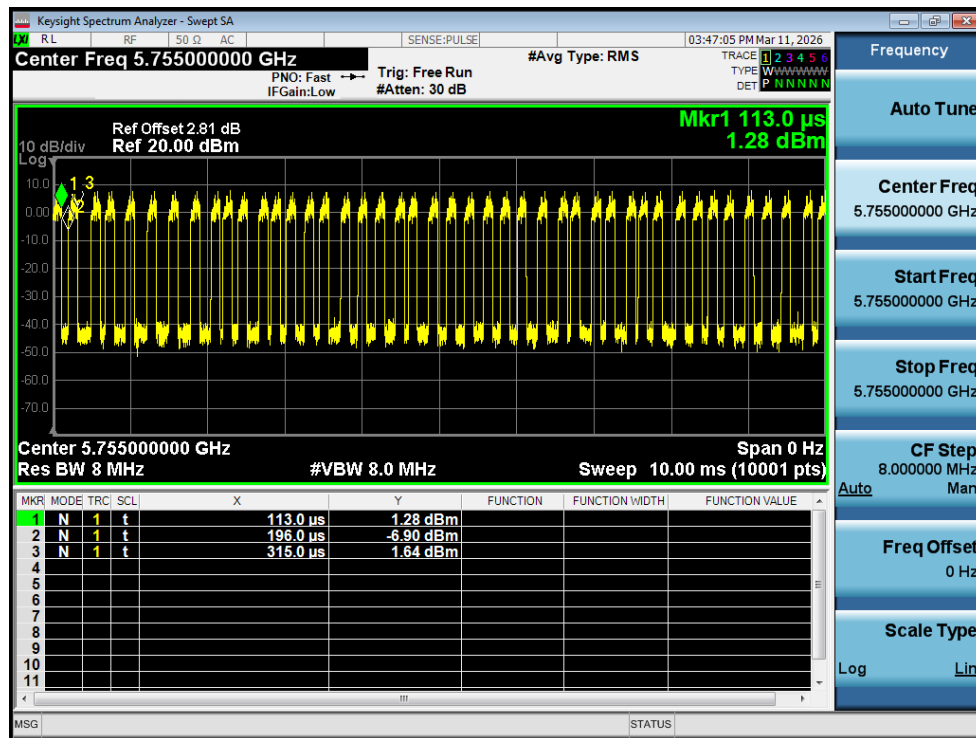
Duty Cycle NVNT n20 5745MHz Ant1



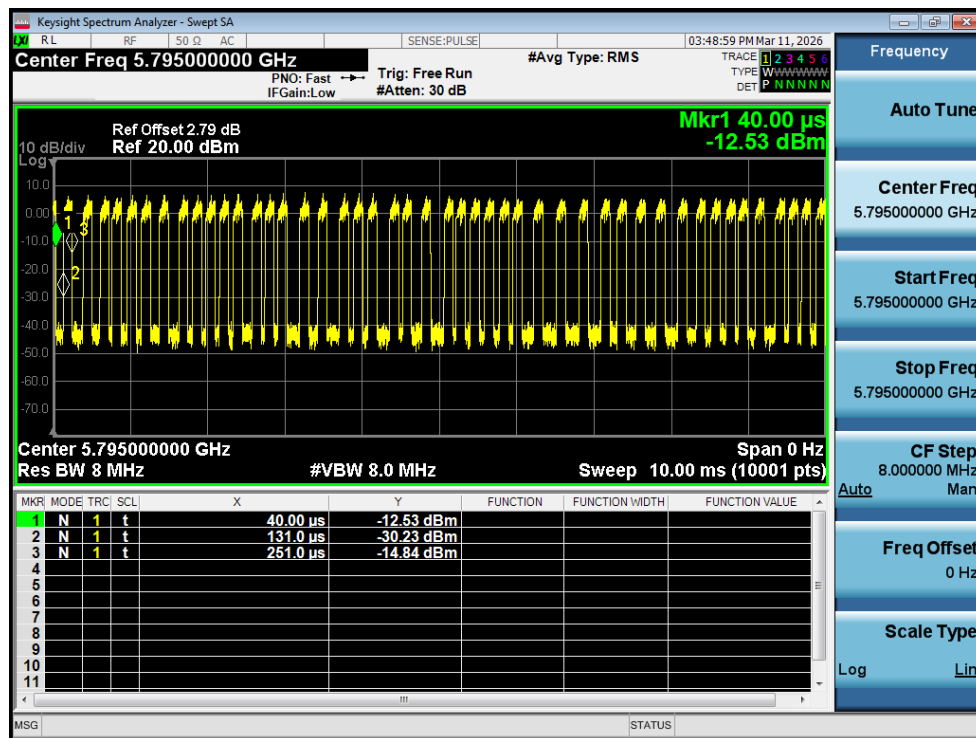
Duty Cycle NVNT n20 5785MHz Ant1



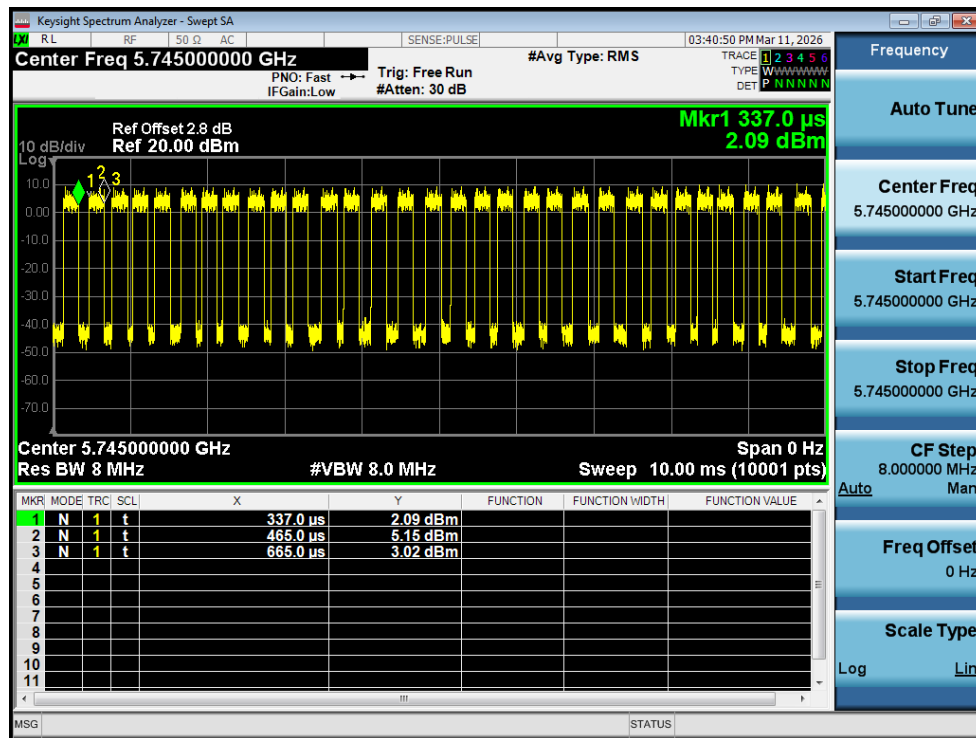
Duty Cycle NVNT n20 5825MHz Ant1



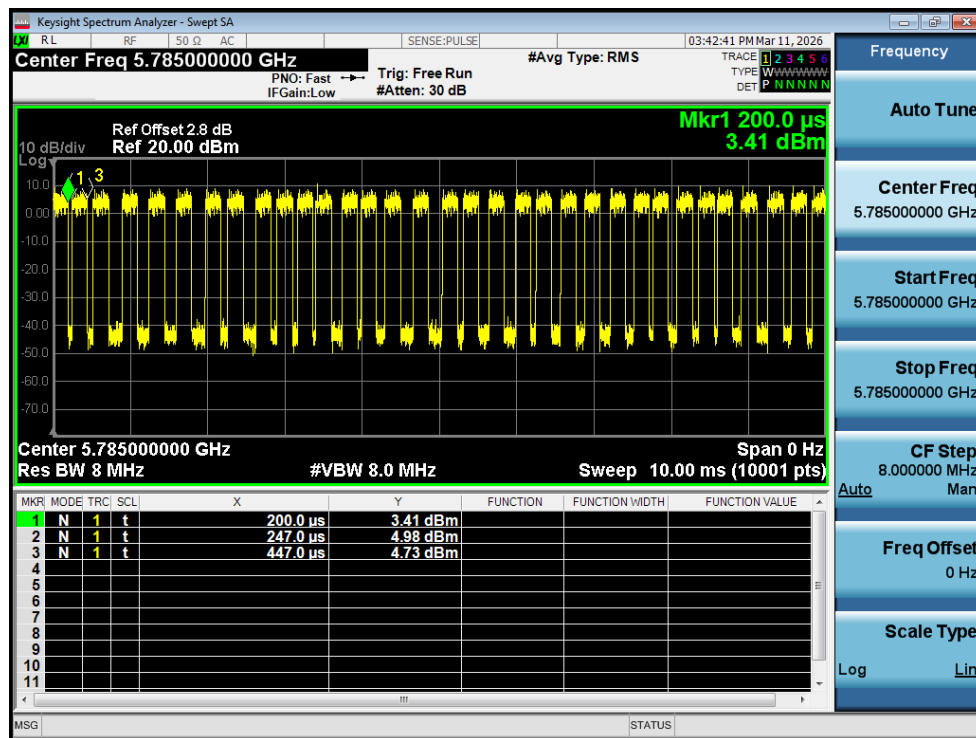
Duty Cycle NVNT n40 5755MHz Ant1



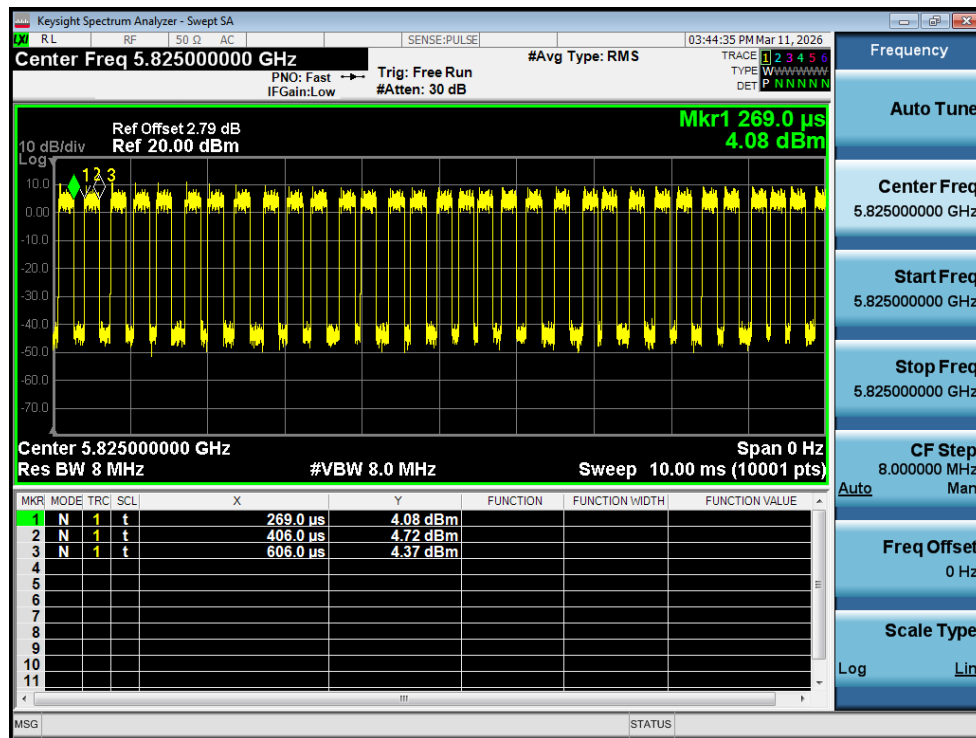
Duty Cycle NVNT n40 5795MHz Ant1



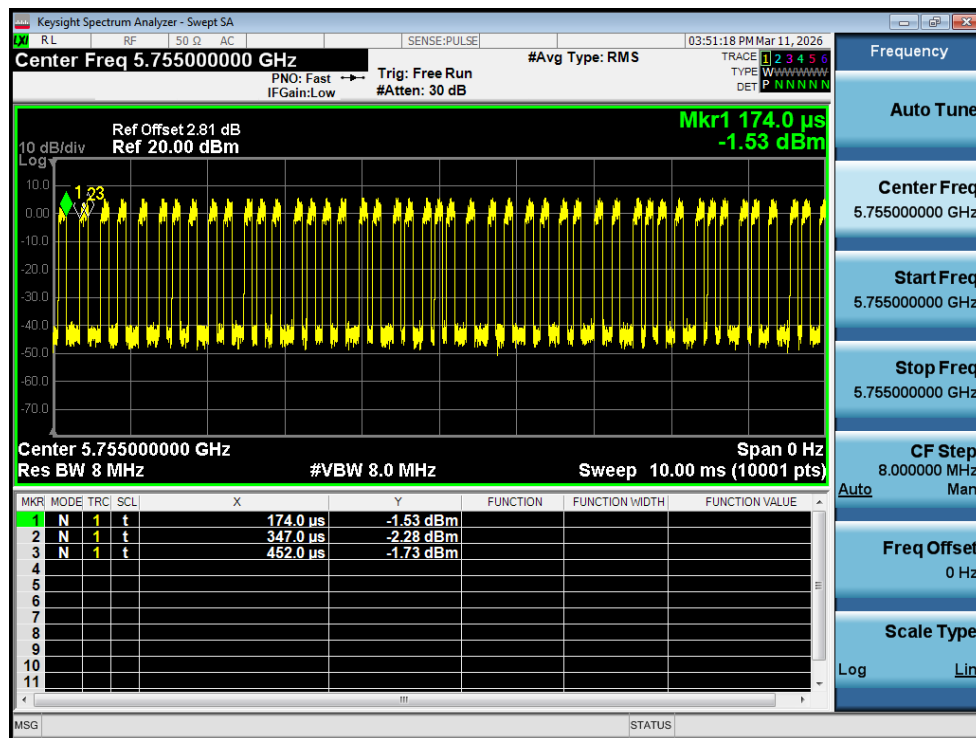
Duty Cycle NVNT ac20 5745MHz Ant1



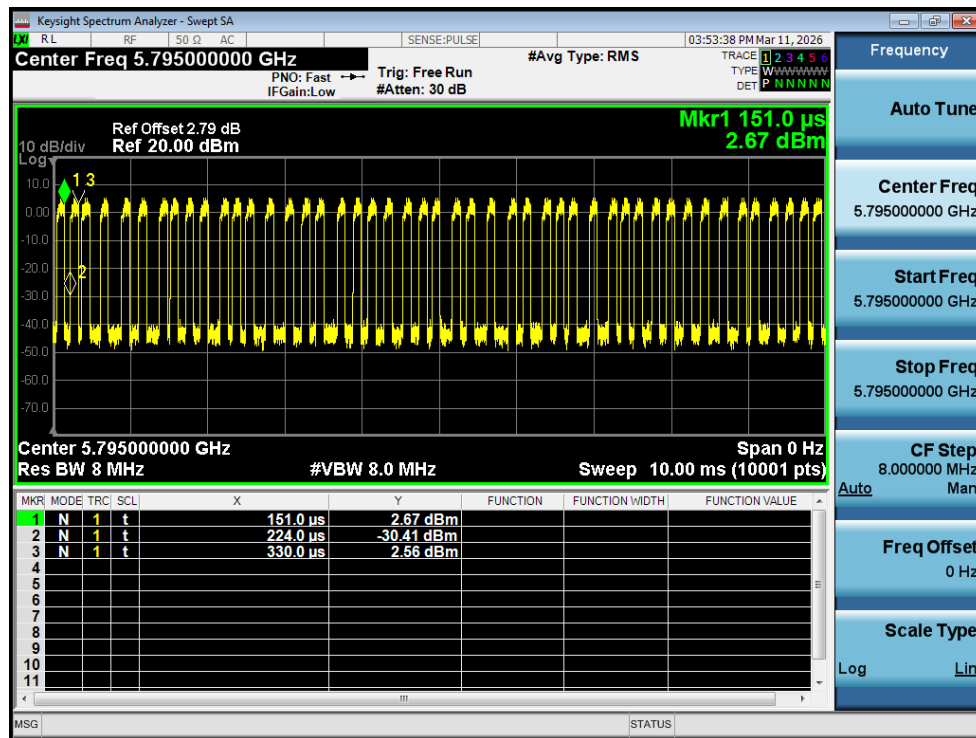
Duty Cycle NVNT ac20 5785MHz Ant1



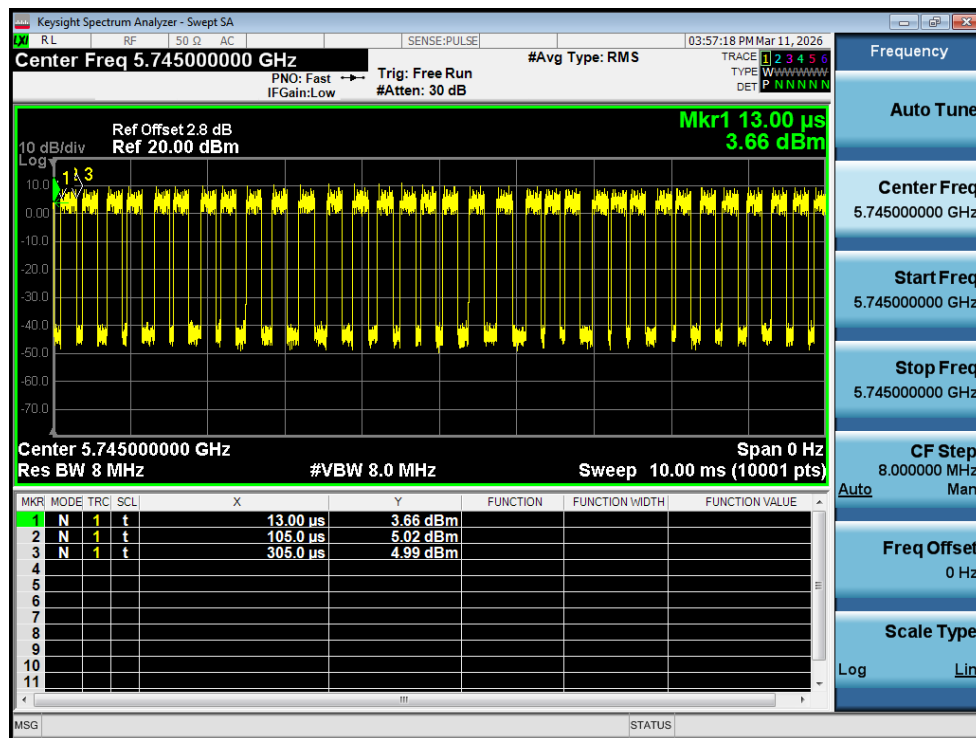
Duty Cycle NVNT ac20 5825MHz Ant1



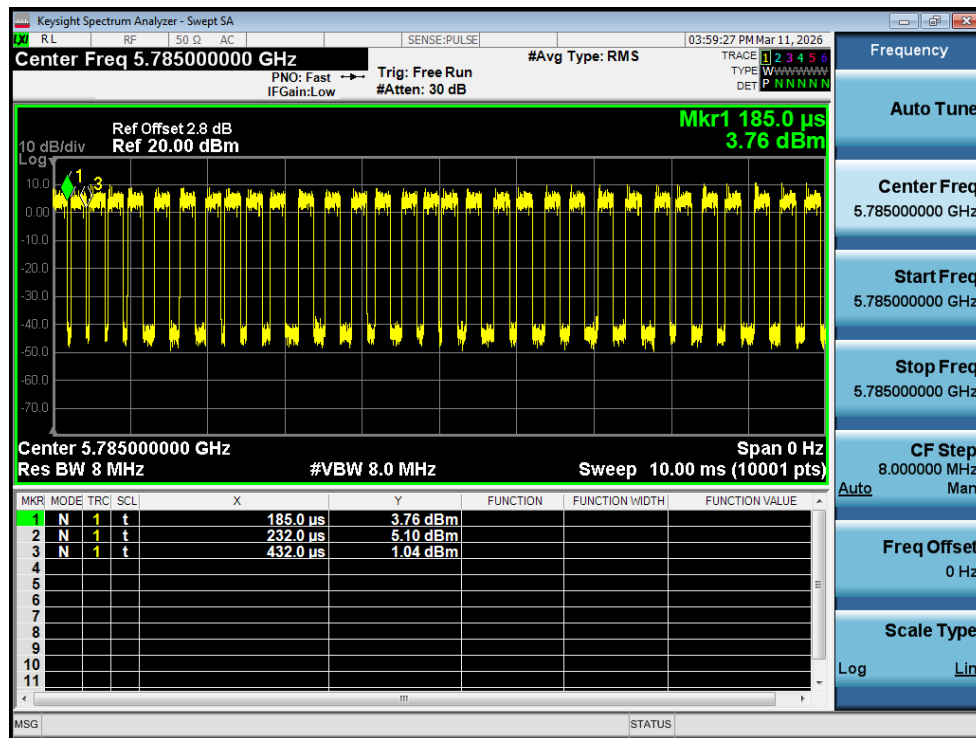
Duty Cycle NVNT ac40 5755MHz Ant1



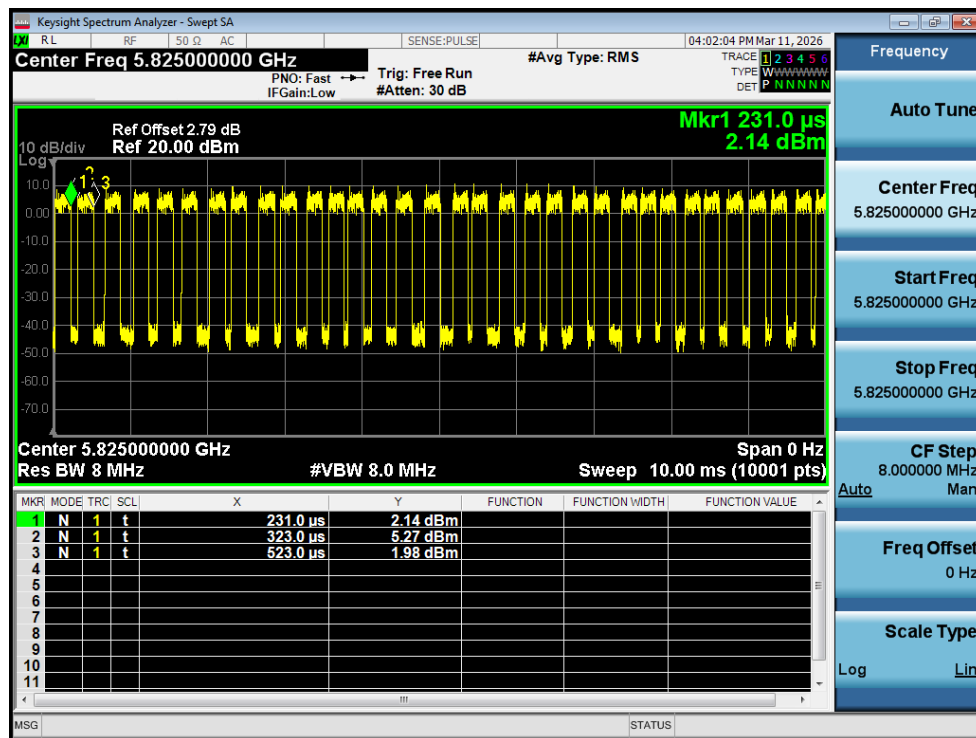
Duty Cycle NVNT ac40 5795MHz Ant1



Duty Cycle NVNT ax20 5745MHz Ant1



Duty Cycle NVNT ax20 5785MHz Ant1



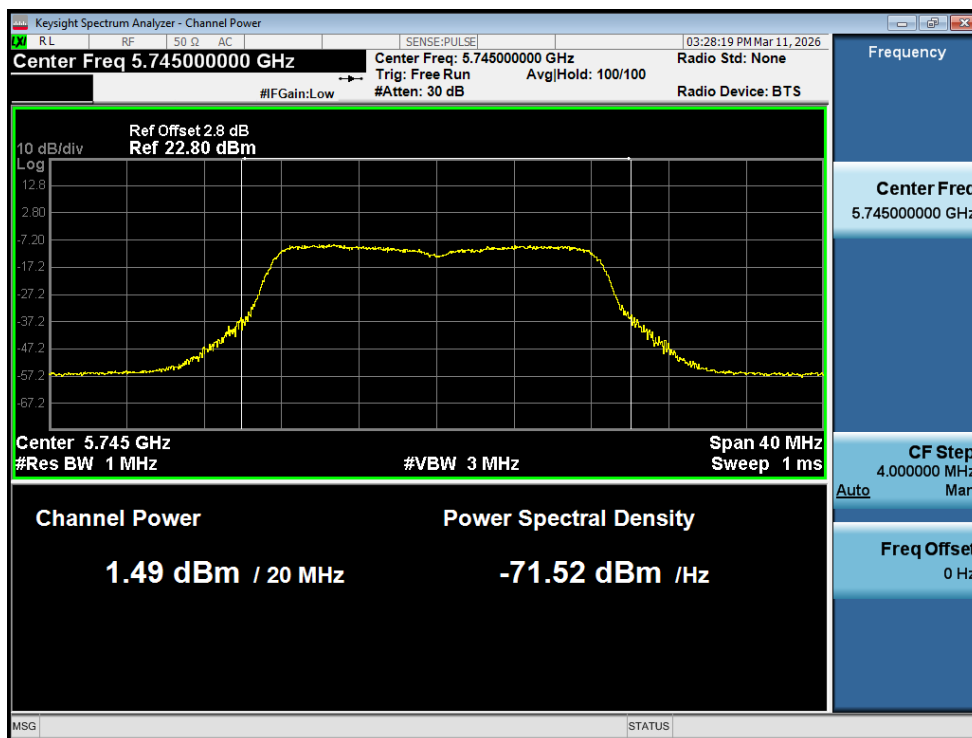
Duty Cycle NVNT ax20 5825MHz Ant1

2. Maximum Conducted Output Power

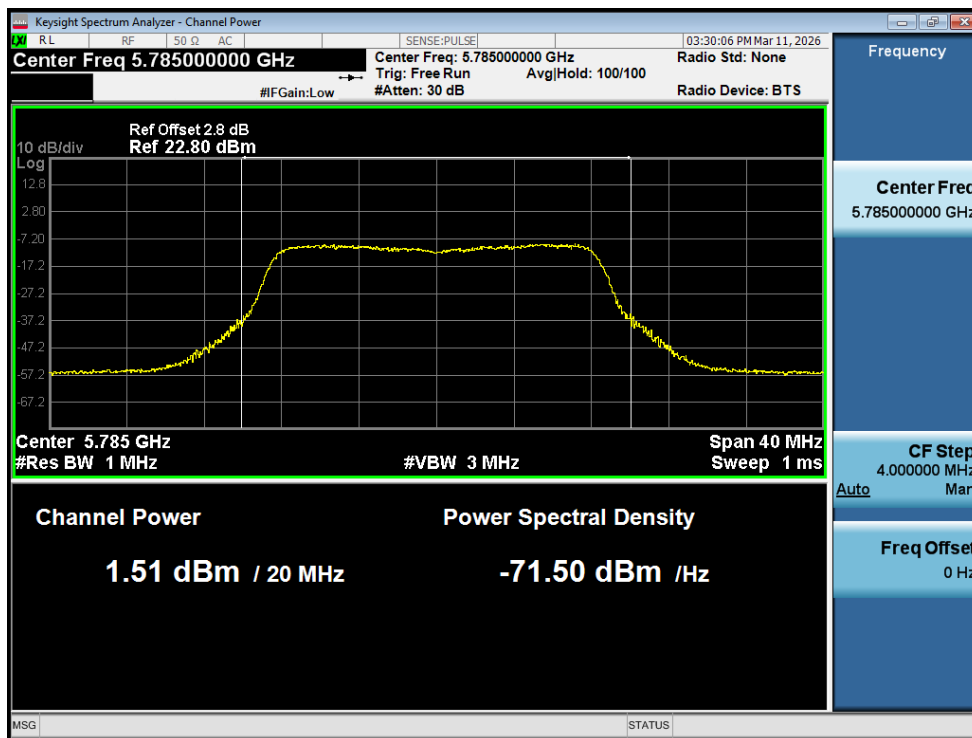
Condition	Mode	Frequency (MHz)	Antenna	Conducted Power (dBm)	Duty Factor (dB)	Total Power (dBm)	Limit (dBm)	Verdict
NVNT	a	5745	Ant1	1.49	0.75	2.24	30	Pass
NVNT	a	5785	Ant1	1.51	2.01	3.52	30	Pass
NVNT	a	5825	Ant1	1.53	2.2	3.73	30	Pass
NVNT	n20	5745	Ant1	1.39	2.45	3.84	30	Pass
NVNT	n20	5785	Ant1	1.42	1.92	3.34	30	Pass
NVNT	n20	5825	Ant1	1.5	1.07	2.57	30	Pass
NVNT	n40	5755	Ant1	0.82	2.3	3.12	30	Pass
NVNT	n40	5795	Ant1	1.07	2.45	3.52	30	Pass
NVNT	ac20	5745	Ant1	1.25	2.15	3.4	30	Pass
NVNT	ac20	5785	Ant1	1.19	0.92	2.11	30	Pass
NVNT	ac20	5825	Ant1	1.52	2.27	3.79	30	Pass
NVNT	ac40	5755	Ant1	0.53	4.23	4.76	30	Pass
NVNT	ac40	5795	Ant1	0.7	2.28	2.98	30	Pass
NVNT	ax20	5745	Ant1	1.27	1.64	2.91	30	Pass
NVNT	ax20	5785	Ant1	1.18	0.92	2.1	30	Pass
NVNT	ax20	5825	Ant1	1.2	1.64	2.84	30	Pass

Note1: Total power=Conducted power + Duty factor

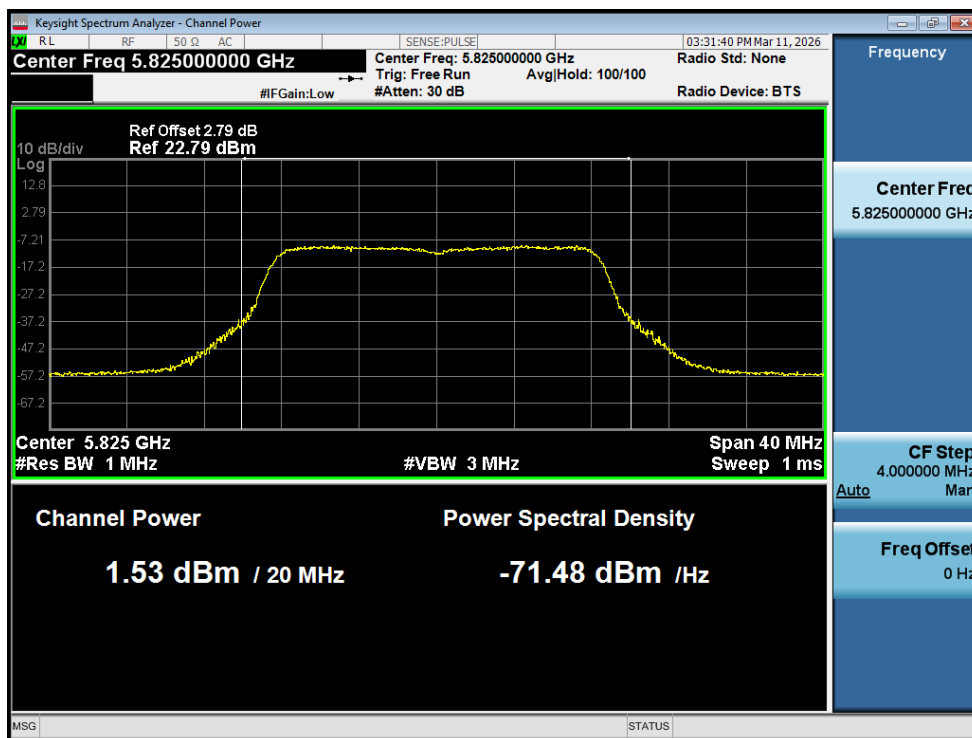
Note 2: Antenna Gain: 0dBi



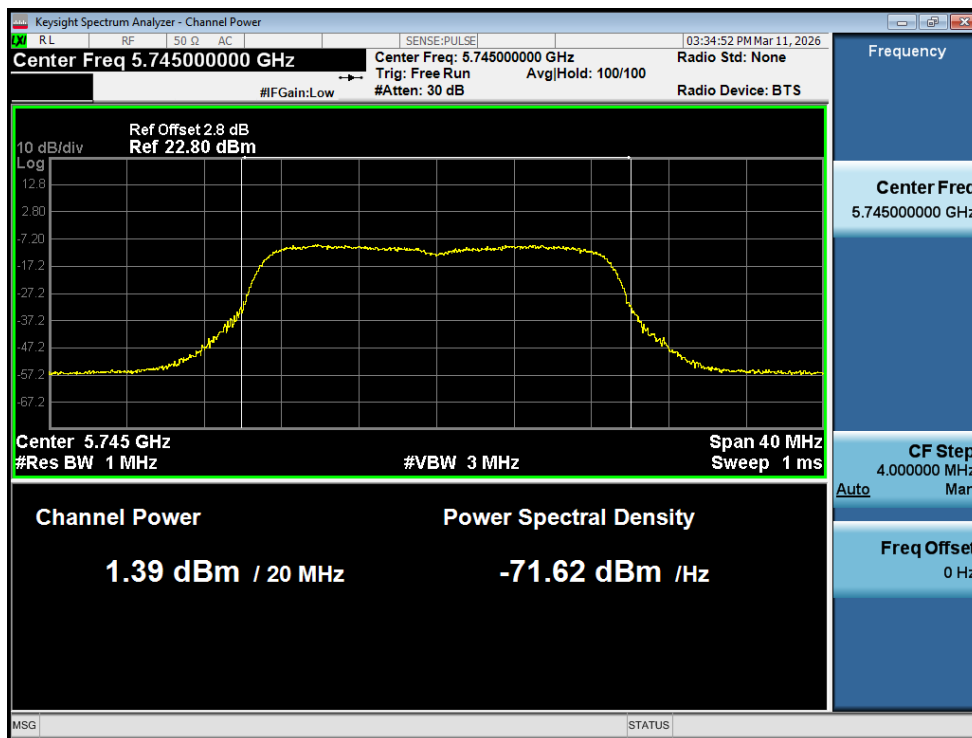
Power NVNT a 5745MHz Ant1



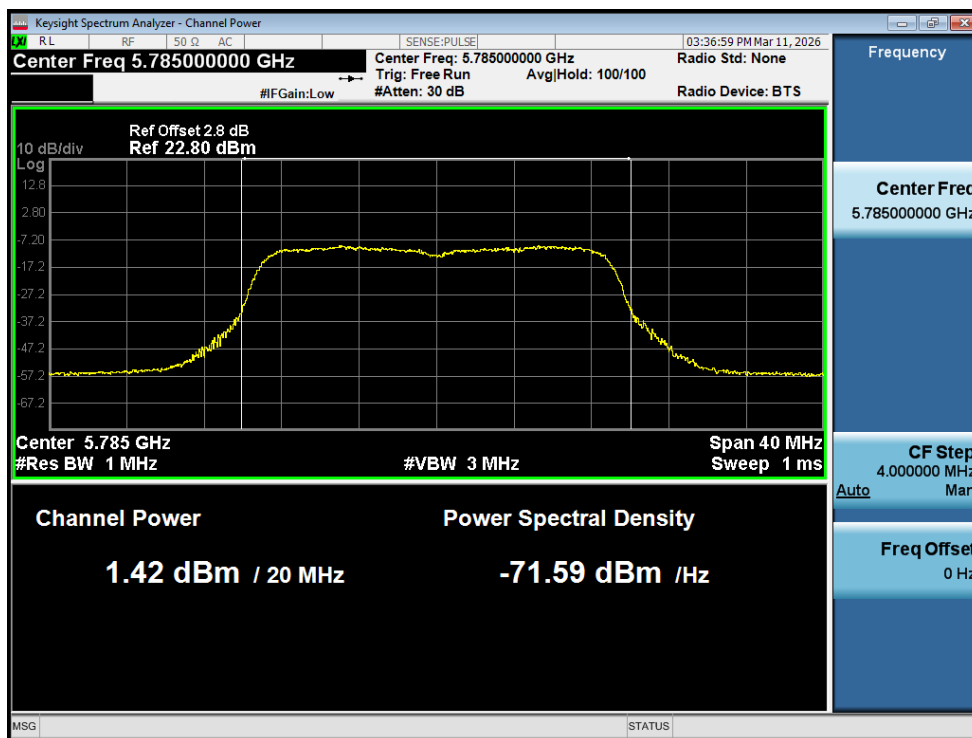
Power NVNT a 5785MHz Ant1



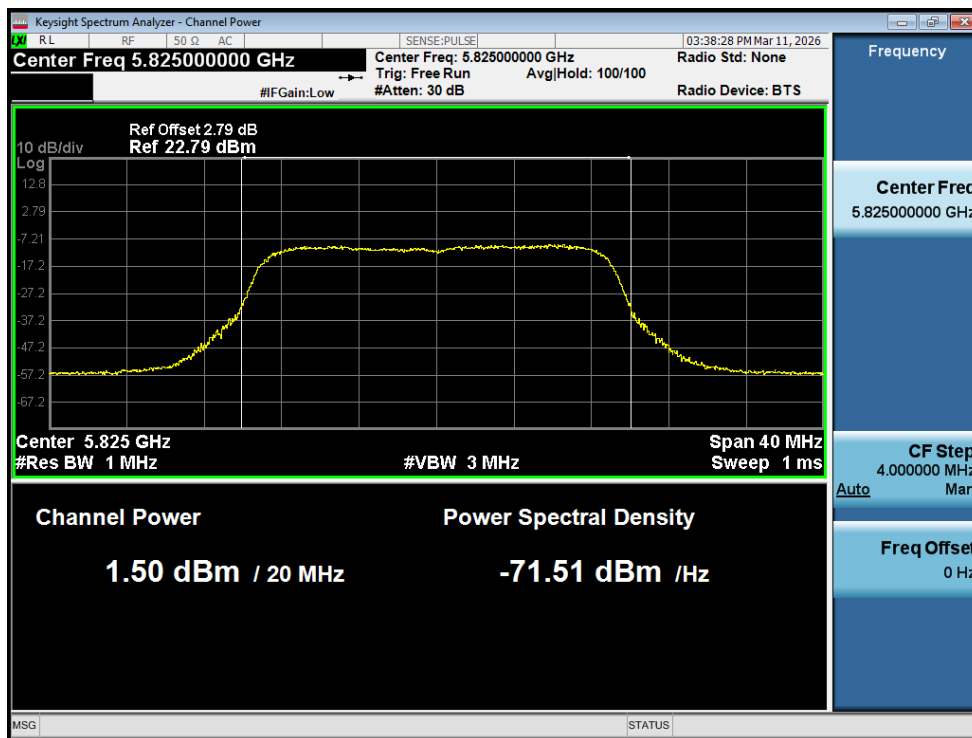
Power NVNT a 5825MHz Ant1



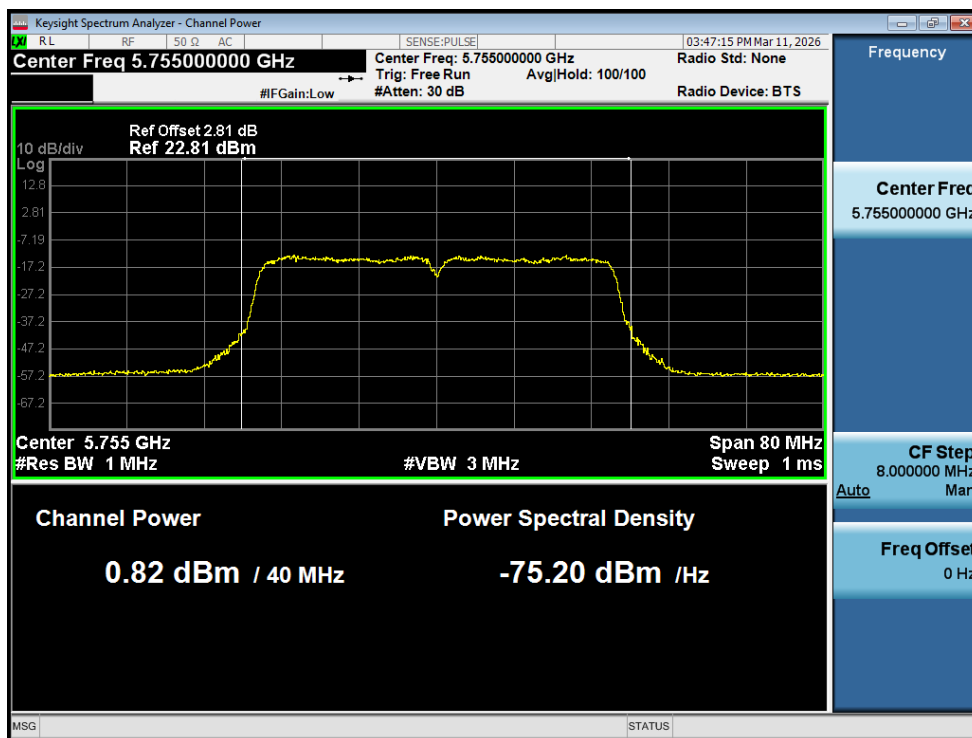
Power NVNT n20 5745MHz Ant1



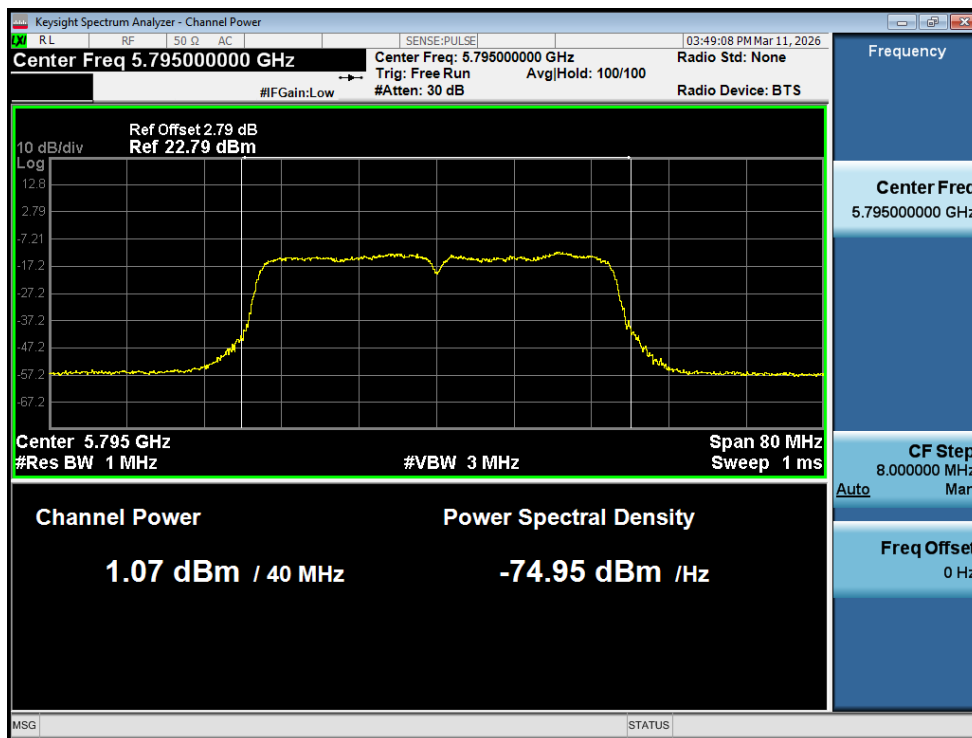
Power NVNT n20 5785MHz Ant1



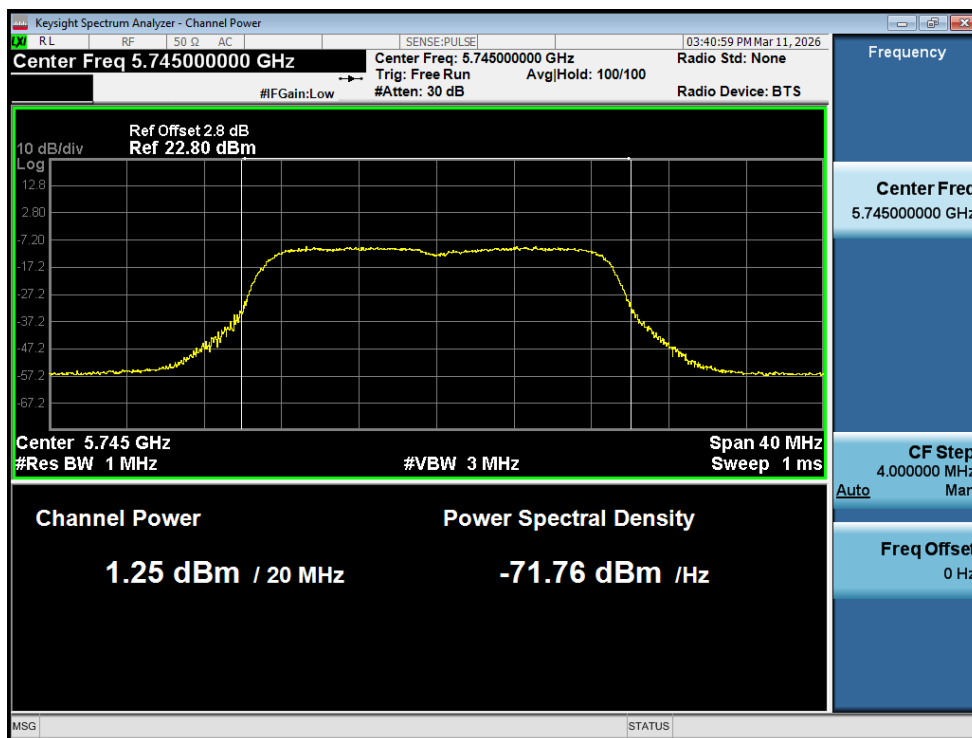
Power NVNT n20 5825MHz Ant1



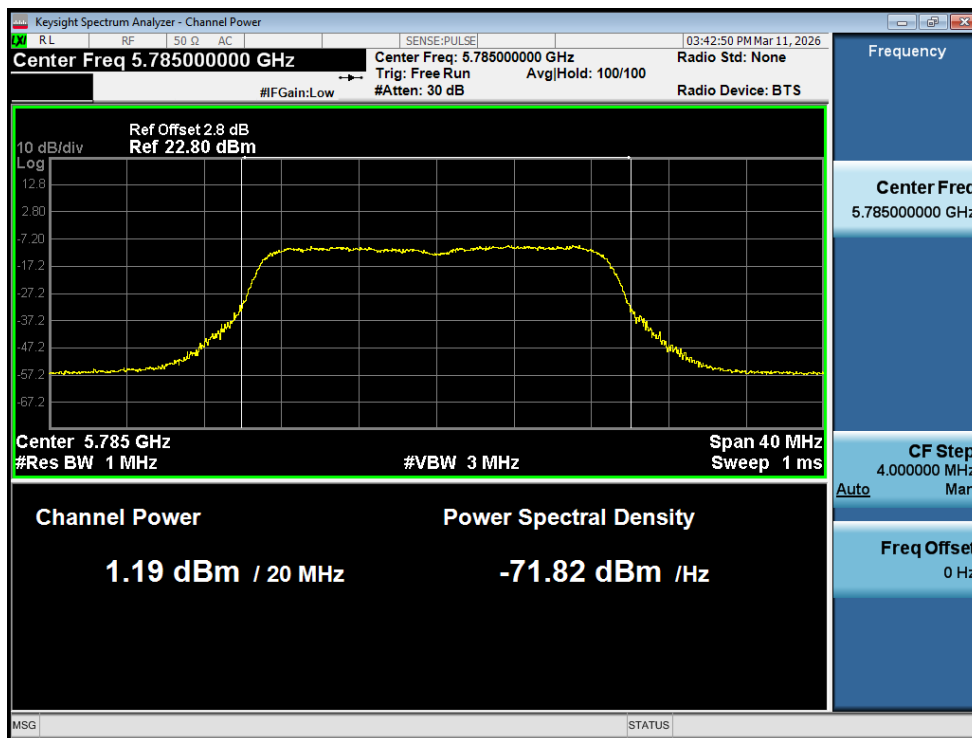
Power NVNT n40 5755MHz Ant1



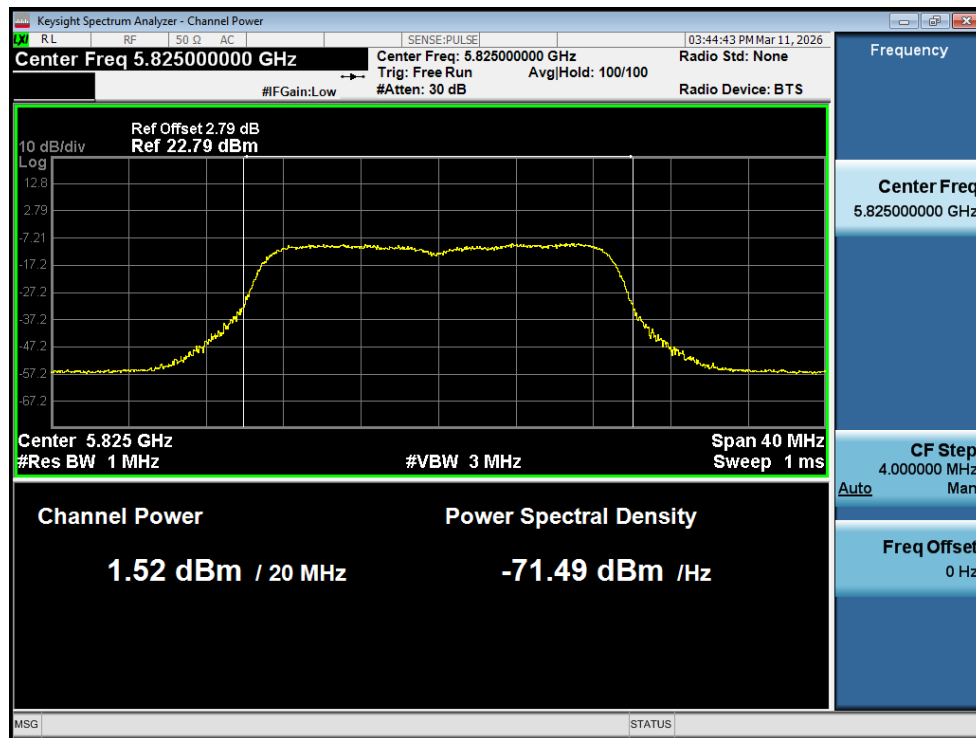
Power NVNT n40 5795MHz Ant1



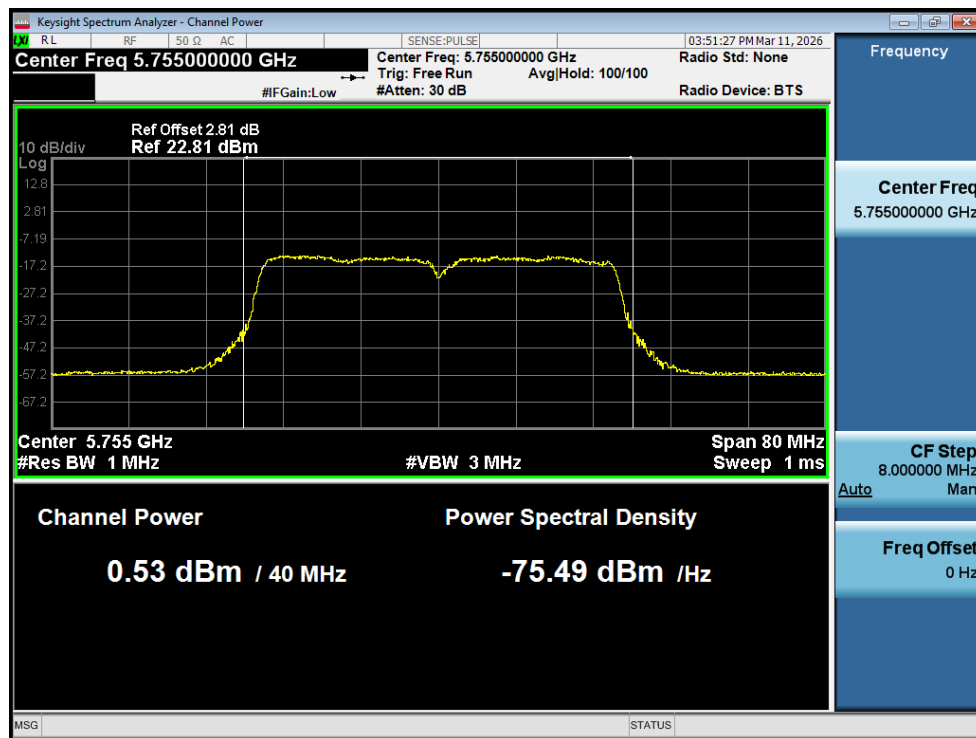
Power NVNT ac20 5745MHz Ant1



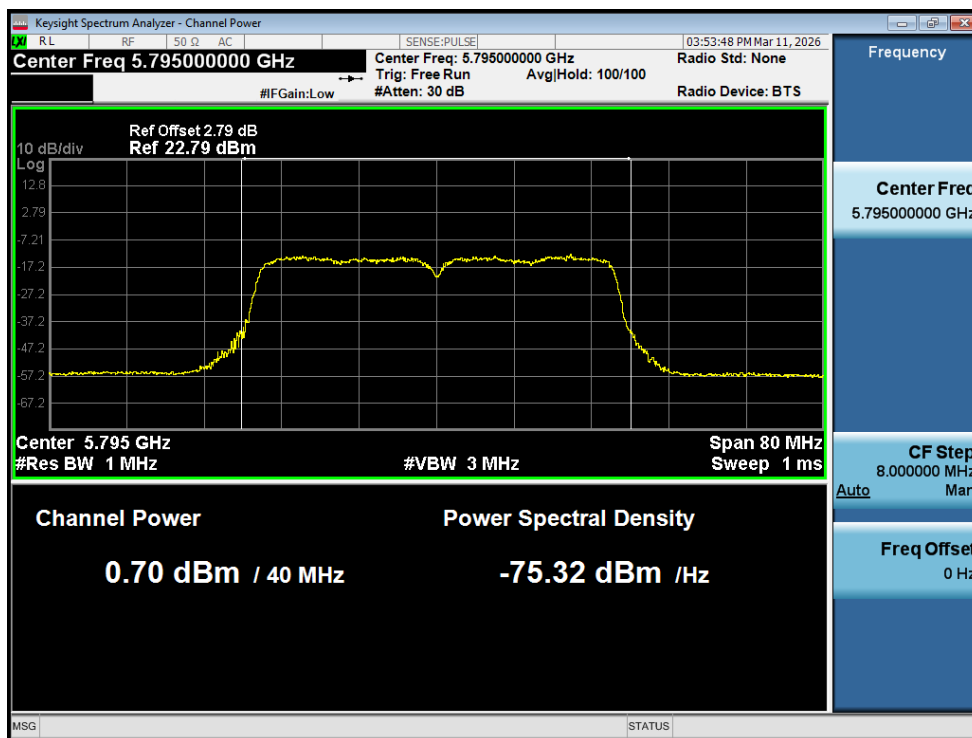
Power NVNT ac20 5785MHz Ant1



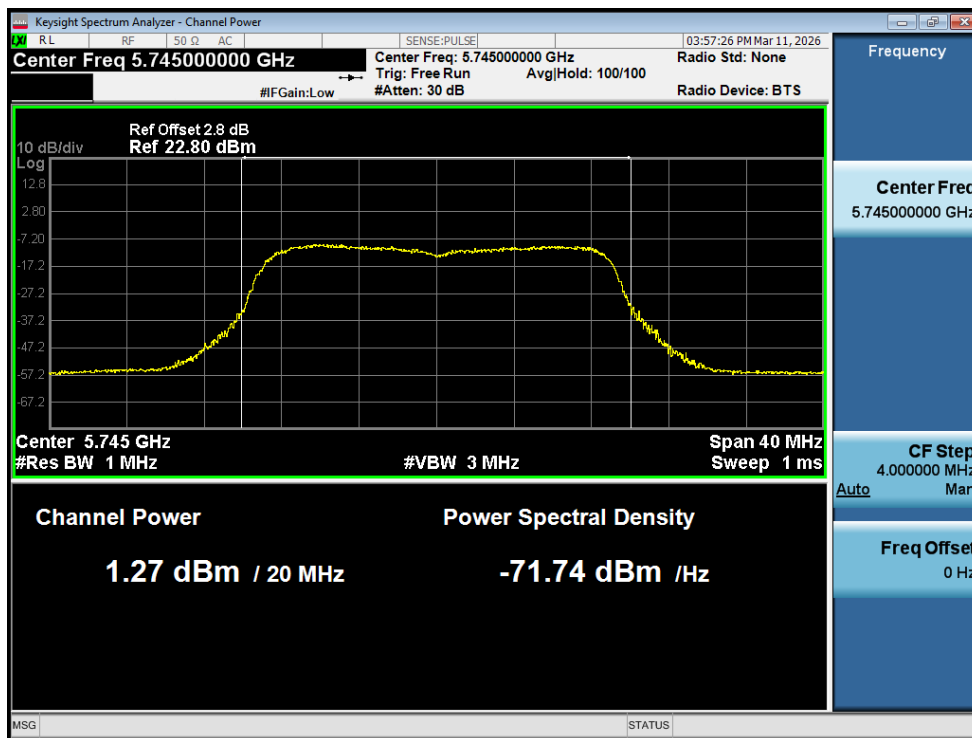
Power NVNT ac20 5825MHz Ant1



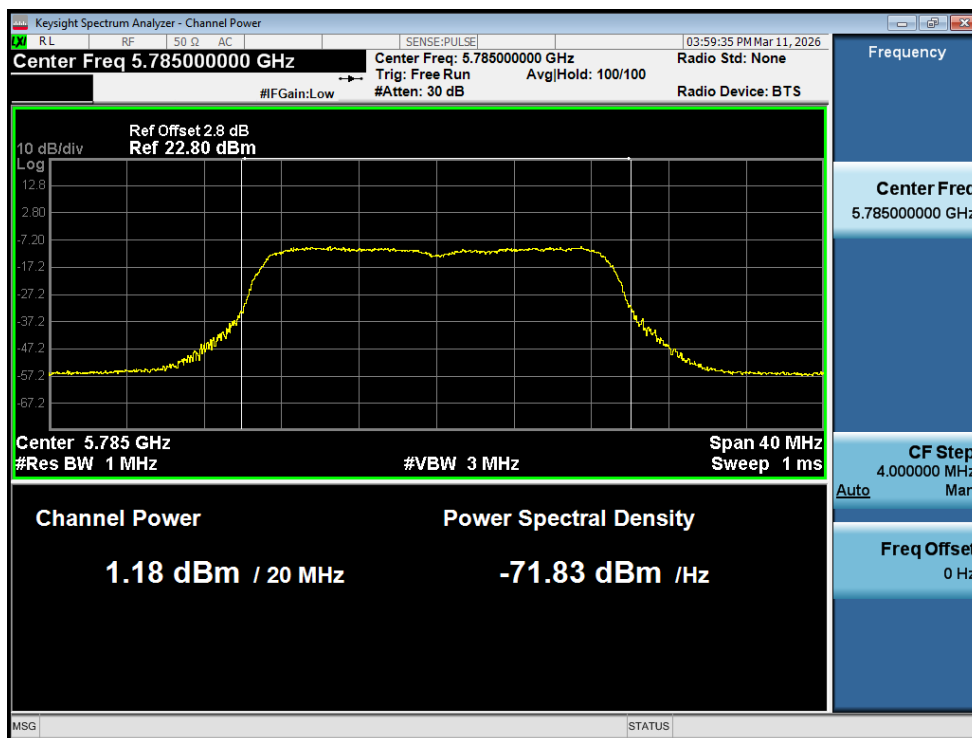
Power NVNT ac40 5755MHz Ant1



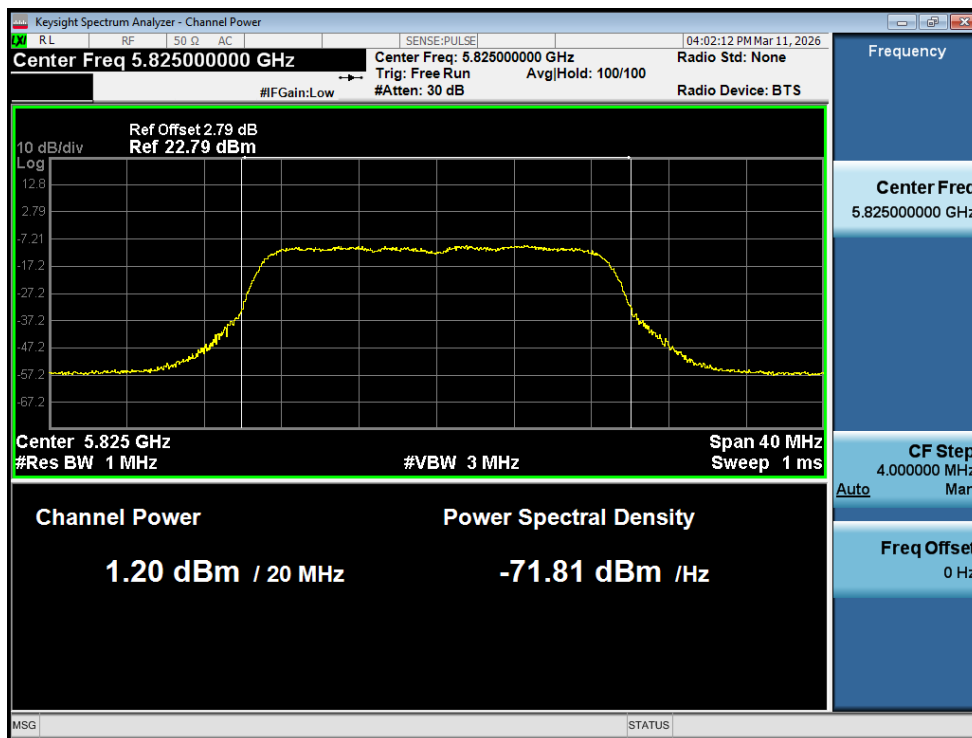
Power NVNT ac40 5795MHz Ant1



Power NVNT ax20 5745MHz Ant1



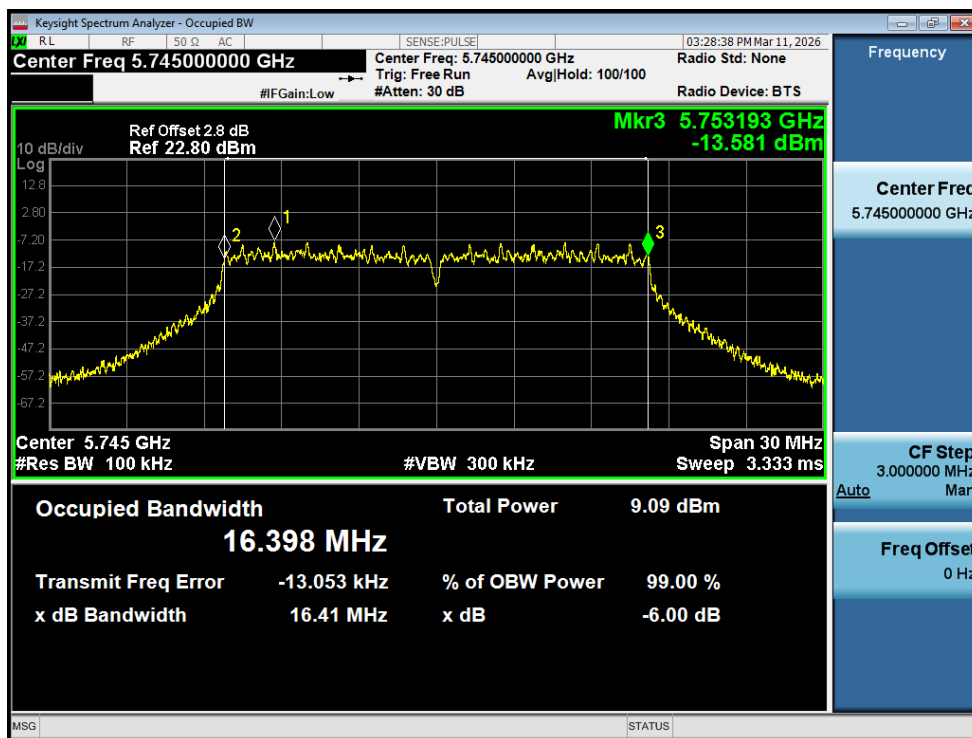
Power NVNT ax20 5785MHz Ant1



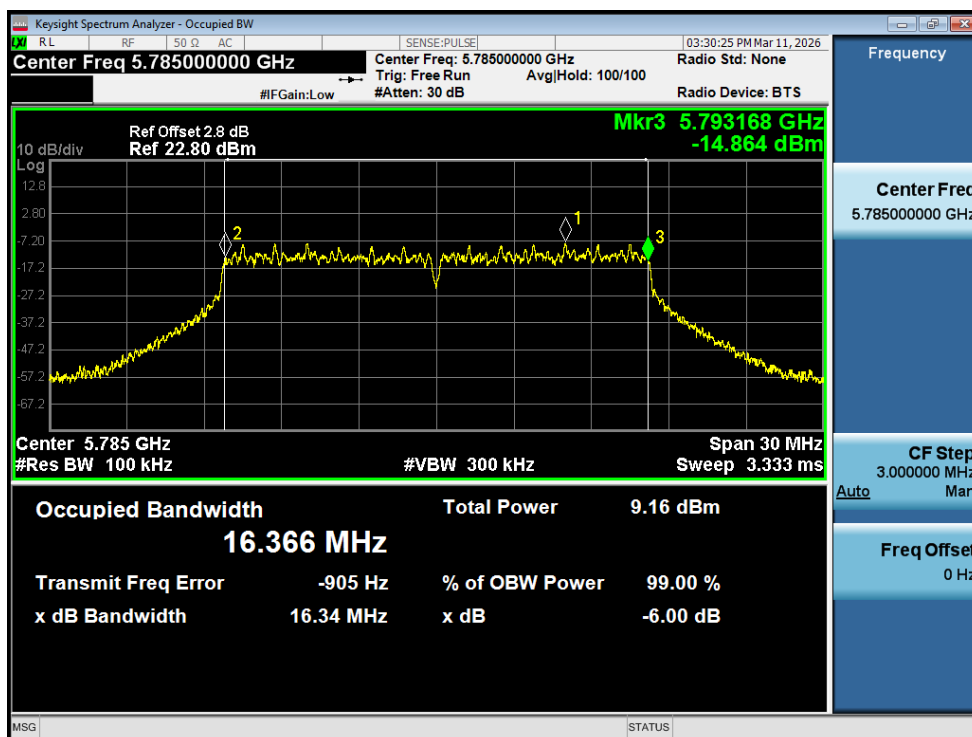
Power NVNT ax20 5825MHz Ant1

3. -6dB Bandwidth

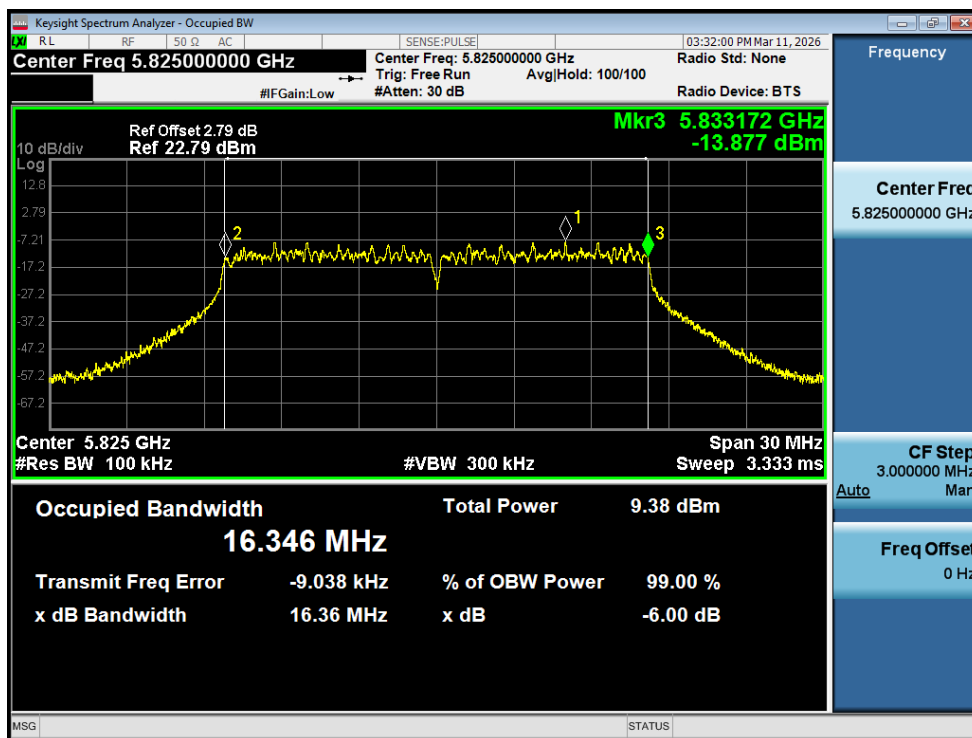
Condition	Mode	Frequency (MHz)	Antenna	-6 dB Bandwidth (MHz)	Verdict
NVNT	a	5745	Ant1	16.412	Pass
NVNT	a	5785	Ant1	16.338	Pass
NVNT	a	5825	Ant1	16.361	Pass
NVNT	n20	5745	Ant1	16.987	Pass
NVNT	n20	5785	Ant1	17.393	Pass
NVNT	n20	5825	Ant1	17.125	Pass
NVNT	n40	5755	Ant1	35.478	Pass
NVNT	n40	5795	Ant1	35.365	Pass
NVNT	ac20	5745	Ant1	17.213	Pass
NVNT	ac20	5785	Ant1	17.255	Pass
NVNT	ac20	5825	Ant1	17.429	Pass
NVNT	ac40	5755	Ant1	35.186	Pass
NVNT	ac40	5795	Ant1	35.261	Pass
NVNT	ax20	5745	Ant1	17.061	Pass
NVNT	ax20	5785	Ant1	17.284	Pass
NVNT	ax20	5825	Ant1	17.295	Pass



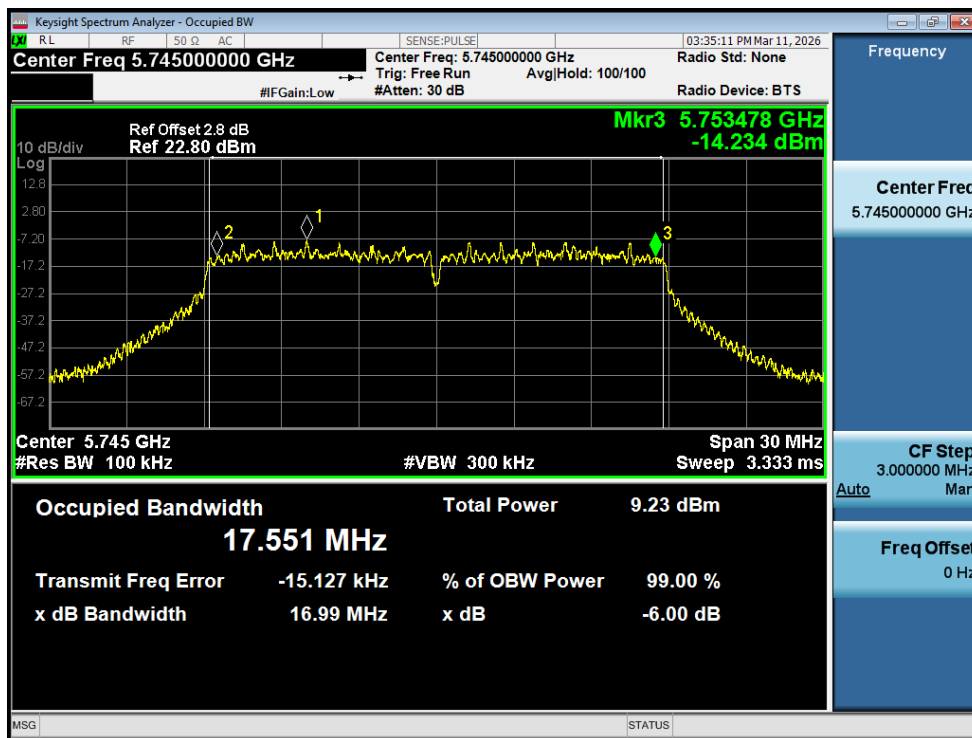
-6dB Bandwidth NVNT a 5745MHz Ant1



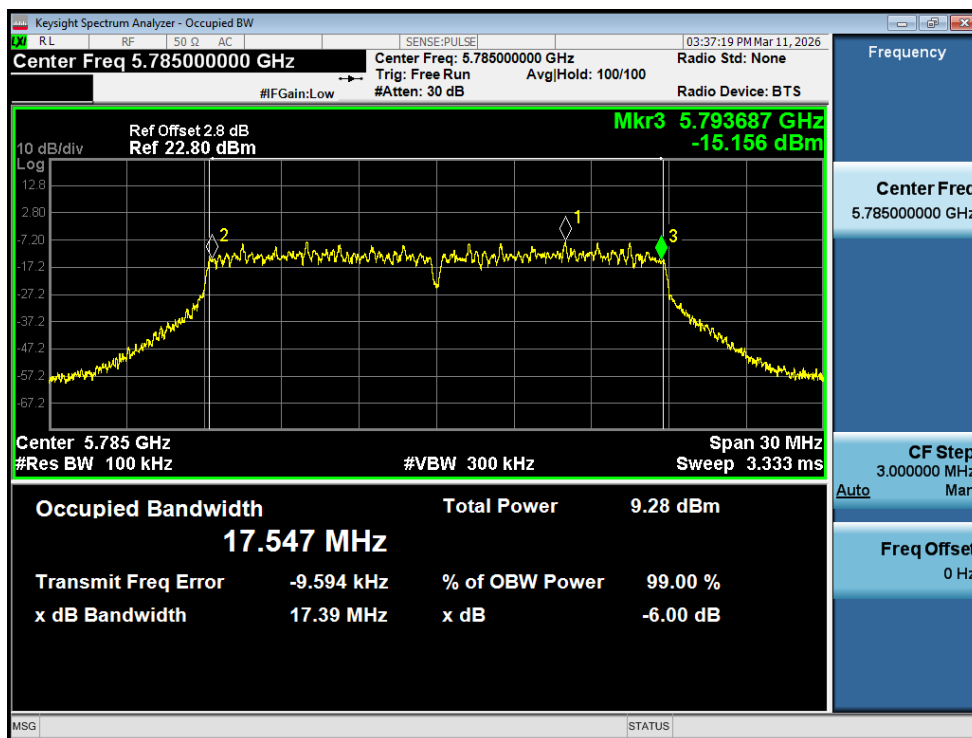
-6dB Bandwidth NVNT a 5785MHz Ant1



-6dB Bandwidth NVNT a 5825MHz Ant1



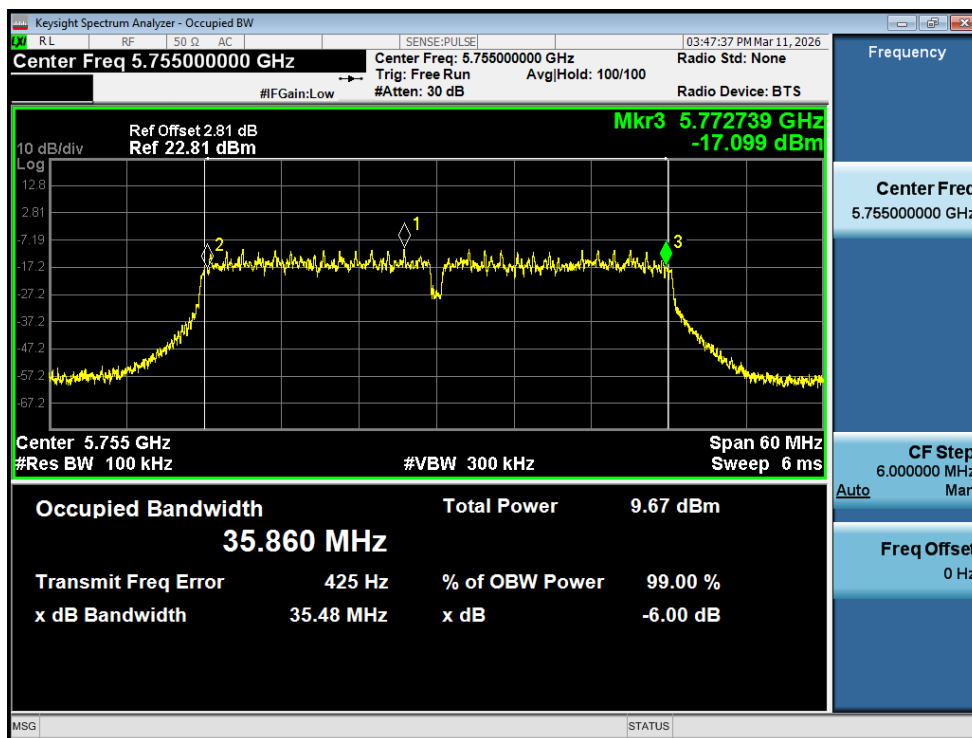
-6dB Bandwidth NVNT n20 5745MHz Ant1



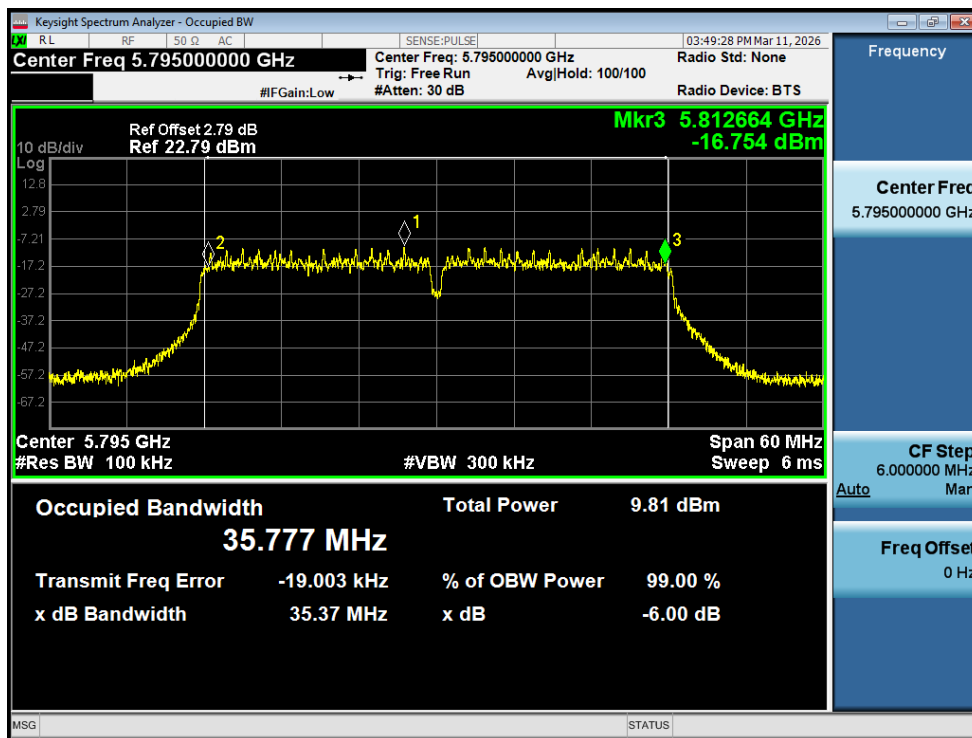
-6dB Bandwidth NVNT n20 5785MHz Ant1



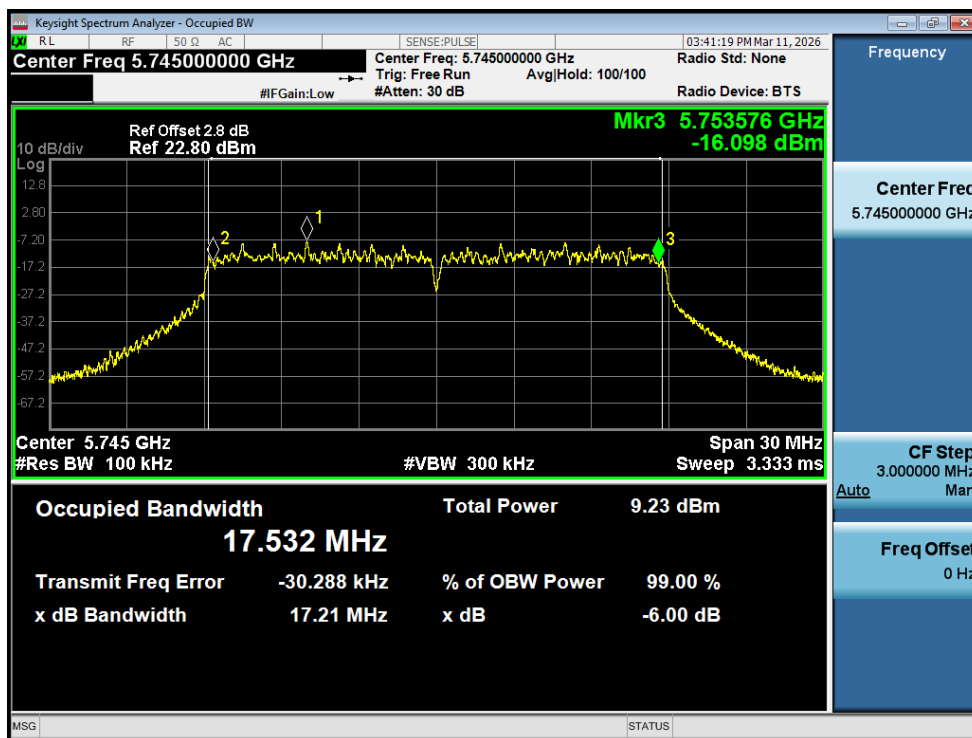
-6dB Bandwidth NVNT n20 5825MHz Ant1



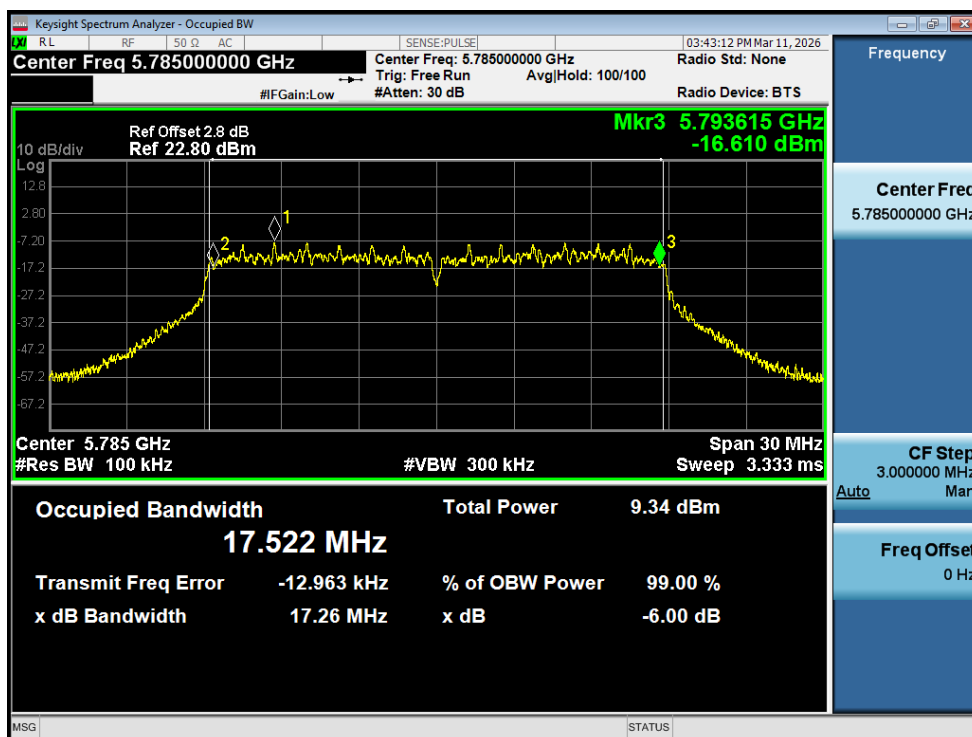
-6dB Bandwidth NVNT n40 5755MHz Ant1



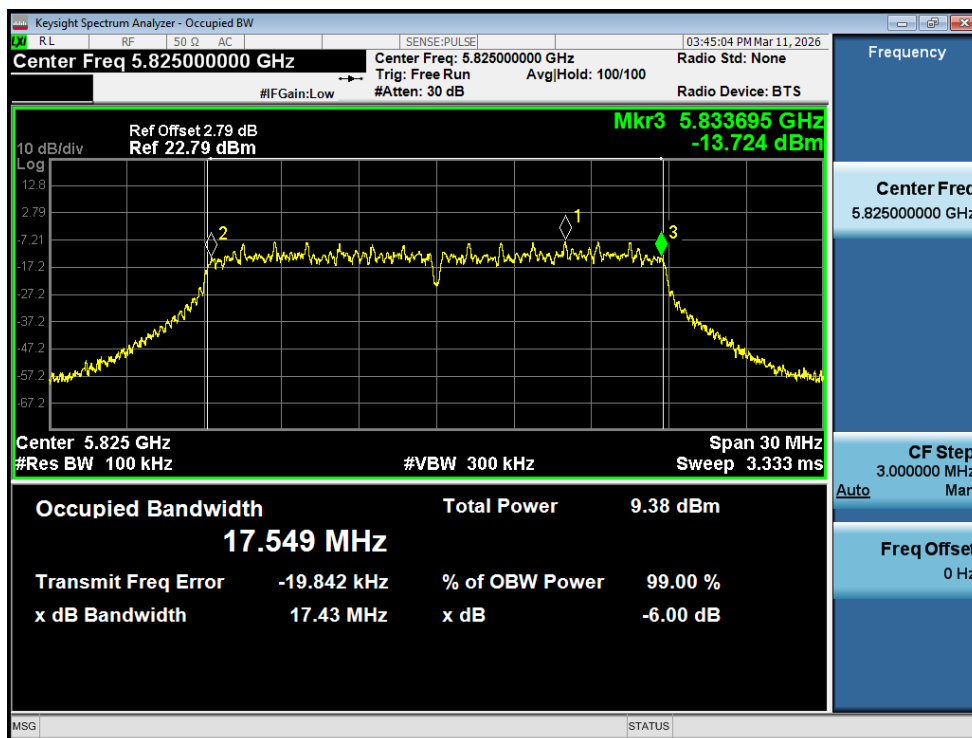
-6dB Bandwidth NVNT n40 5795MHz Ant1



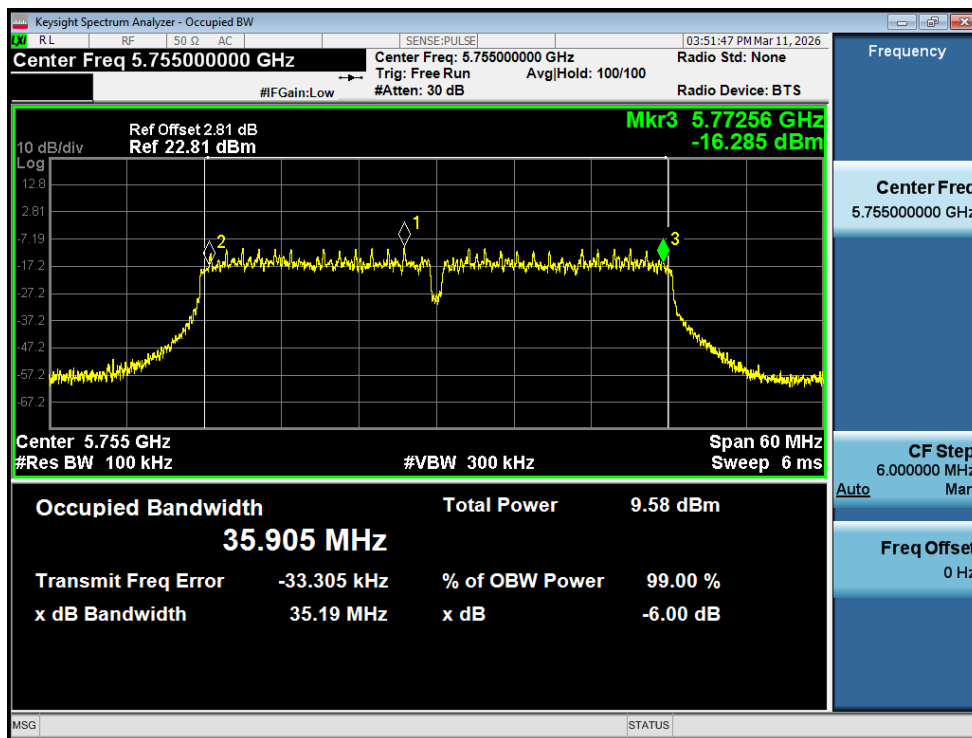
-6dB Bandwidth NVNT ac20 5745MHz Ant1



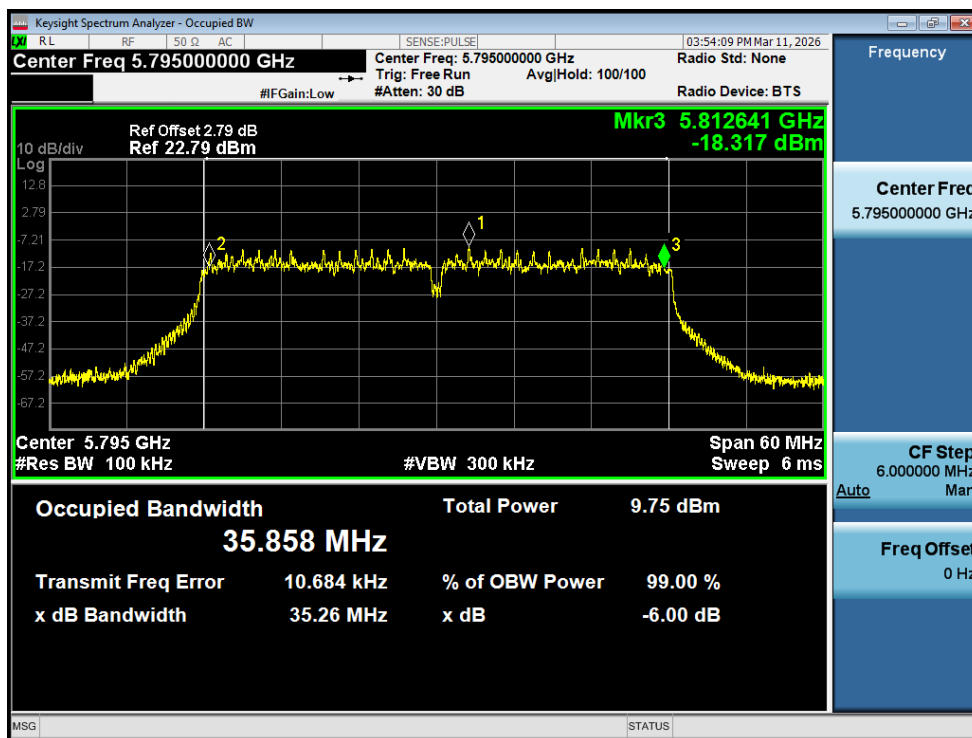
-6dB Bandwidth NVNT ac20 5785MHz Ant1



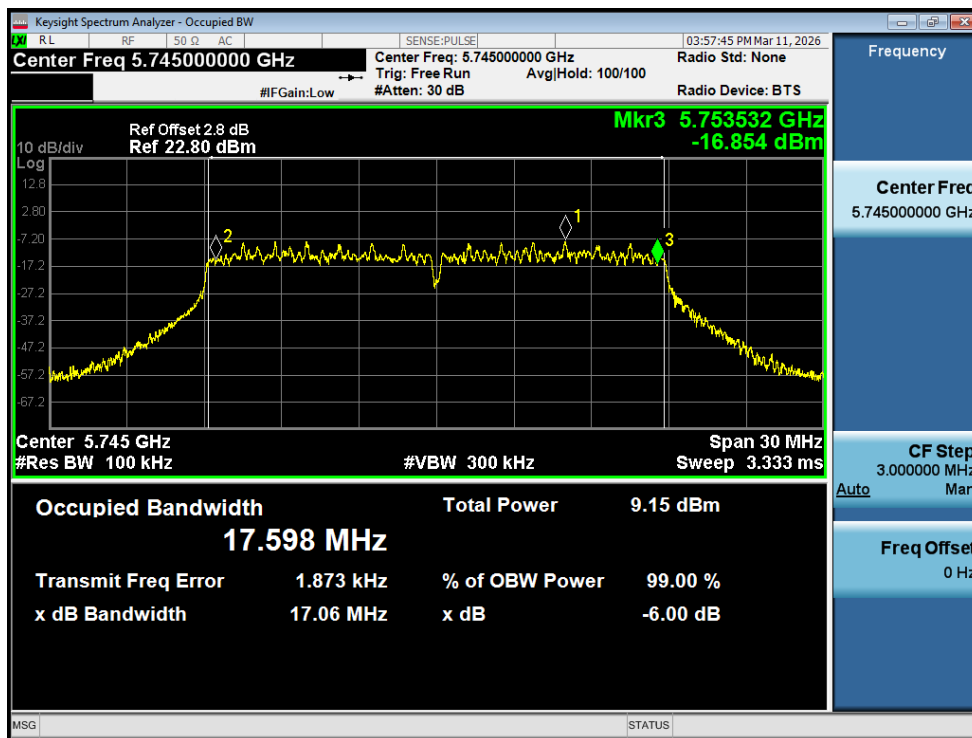
-6dB Bandwidth NVNT ac20 5825MHz Ant1



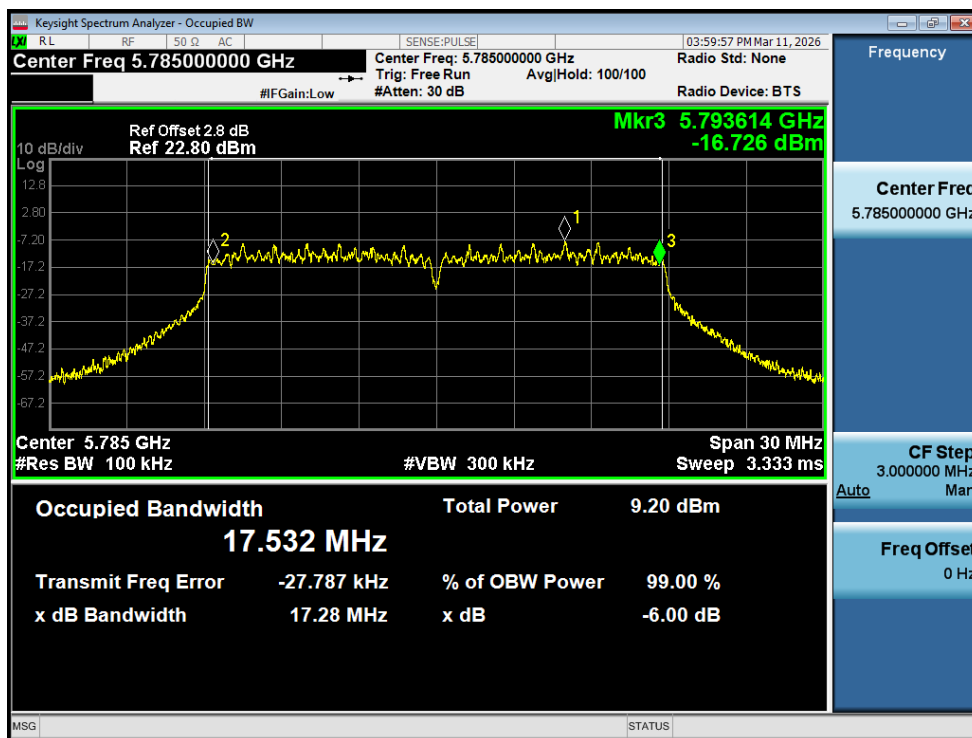
-6dB Bandwidth NVNT ac40 5755MHz Ant1



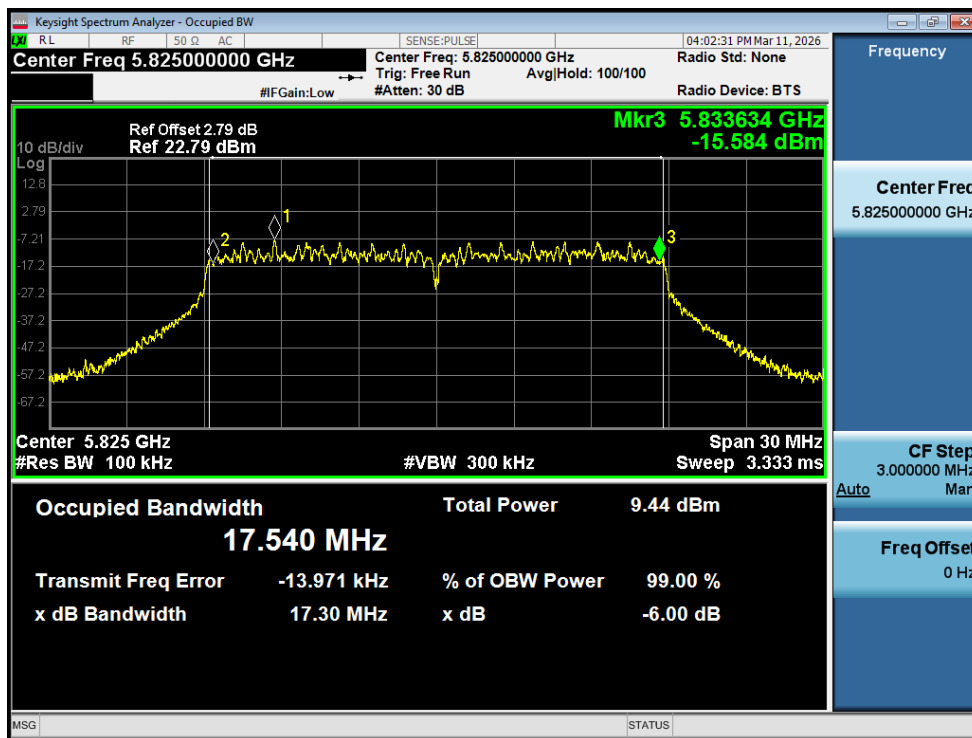
-6dB Bandwidth NVNT ac40 5795MHz Ant1



-6dB Bandwidth NVNT ax20 5745MHz Ant1



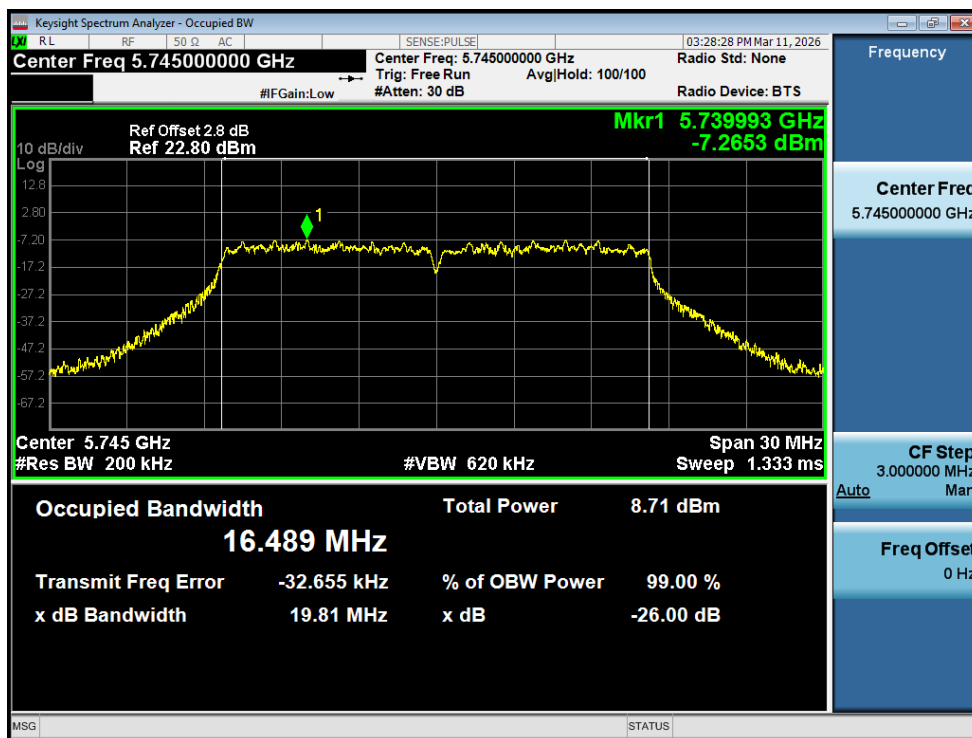
-6dB Bandwidth NVNT ax20 5785MHz Ant1



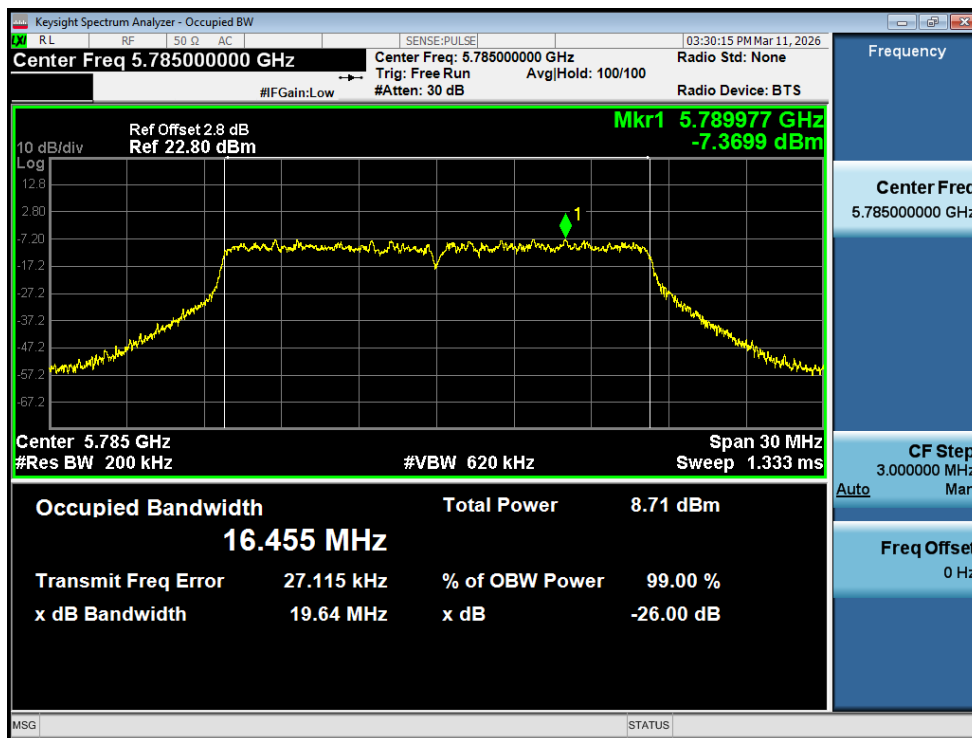
-6dB Bandwidth NVNT ax20 5825MHz Ant1

4. Occupied Channel Bandwidth

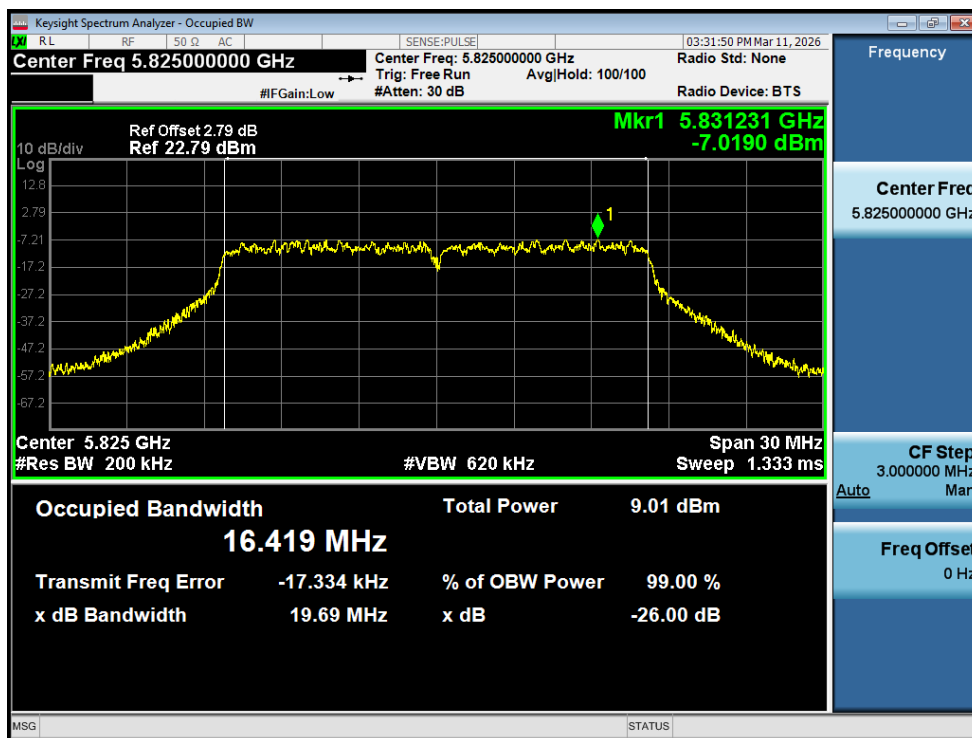
Condition	Mode	Frequency (MHz)	Antenna	99% OBW (MHz)
NVNT	a	5745	Ant1	16.489
NVNT	a	5785	Ant1	16.455
NVNT	a	5825	Ant1	16.419
NVNT	n20	5745	Ant1	17.622
NVNT	n20	5785	Ant1	17.57
NVNT	n20	5825	Ant1	17.572
NVNT	n40	5755	Ant1	35.989
NVNT	n40	5795	Ant1	36.012
NVNT	ac20	5745	Ant1	17.564
NVNT	ac20	5785	Ant1	17.556
NVNT	ac20	5825	Ant1	17.606
NVNT	ac40	5755	Ant1	35.984
NVNT	ac40	5795	Ant1	36.01
NVNT	ax20	5745	Ant1	17.689
NVNT	ax20	5785	Ant1	17.573
NVNT	ax20	5825	Ant1	17.573



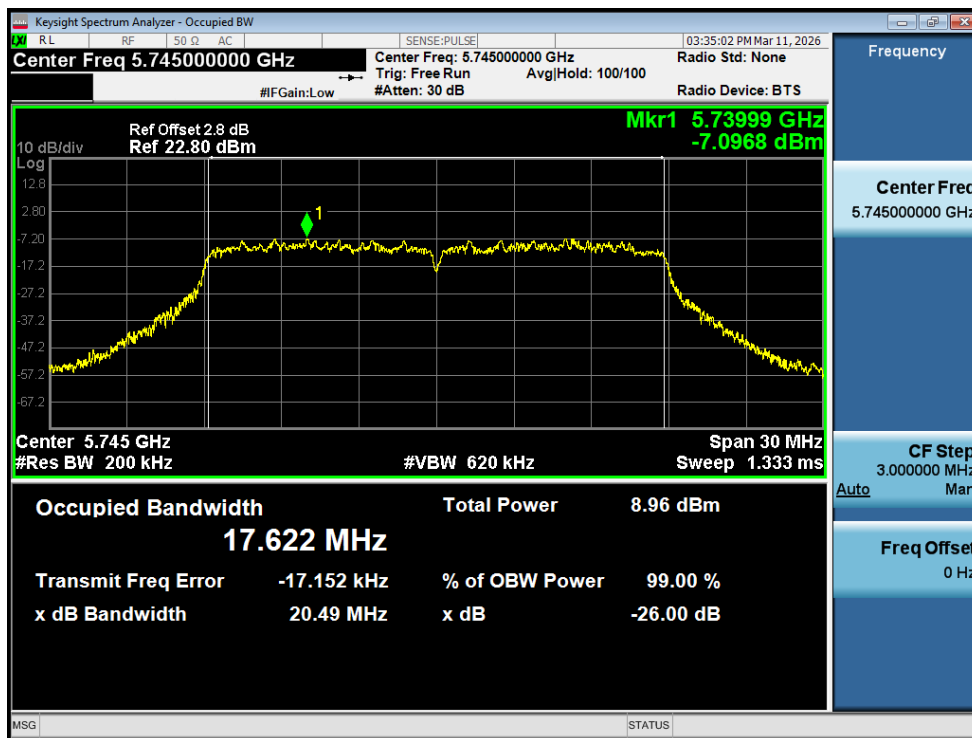
OBW NVNT a 5745MHz Ant1



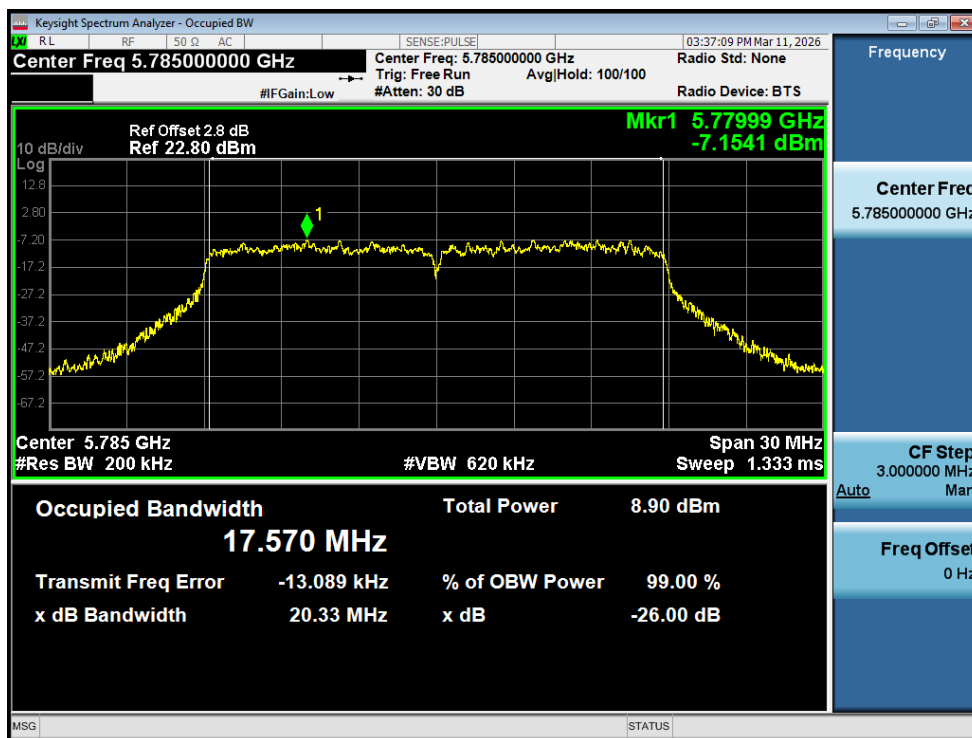
OBW NVNT a 5785MHz Ant1



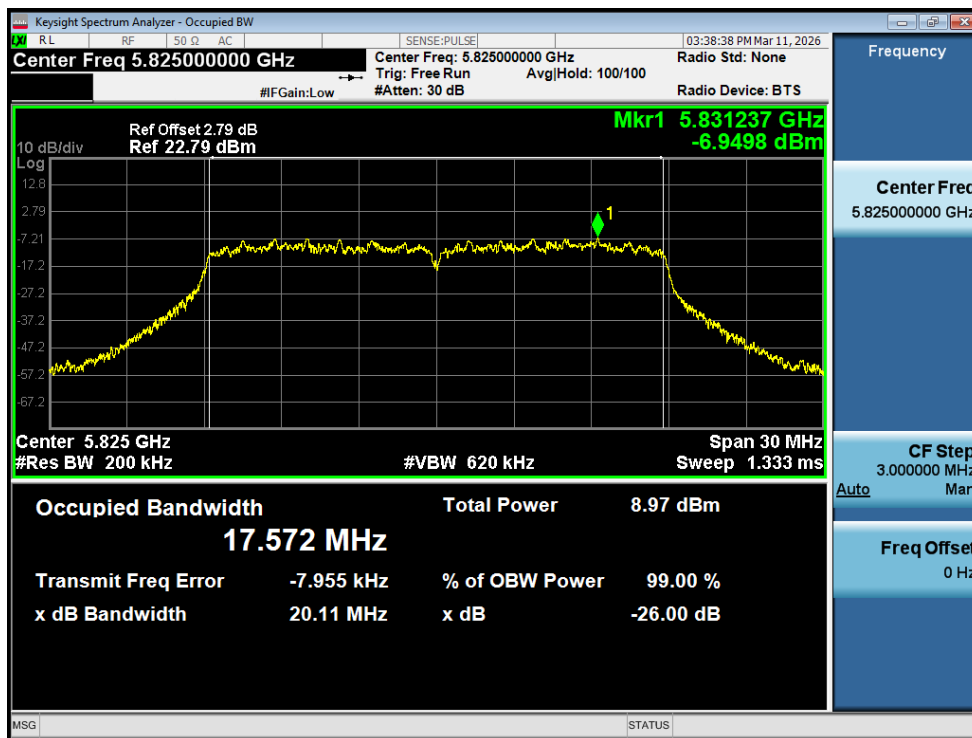
OBW NVNT a 5825MHz Ant1



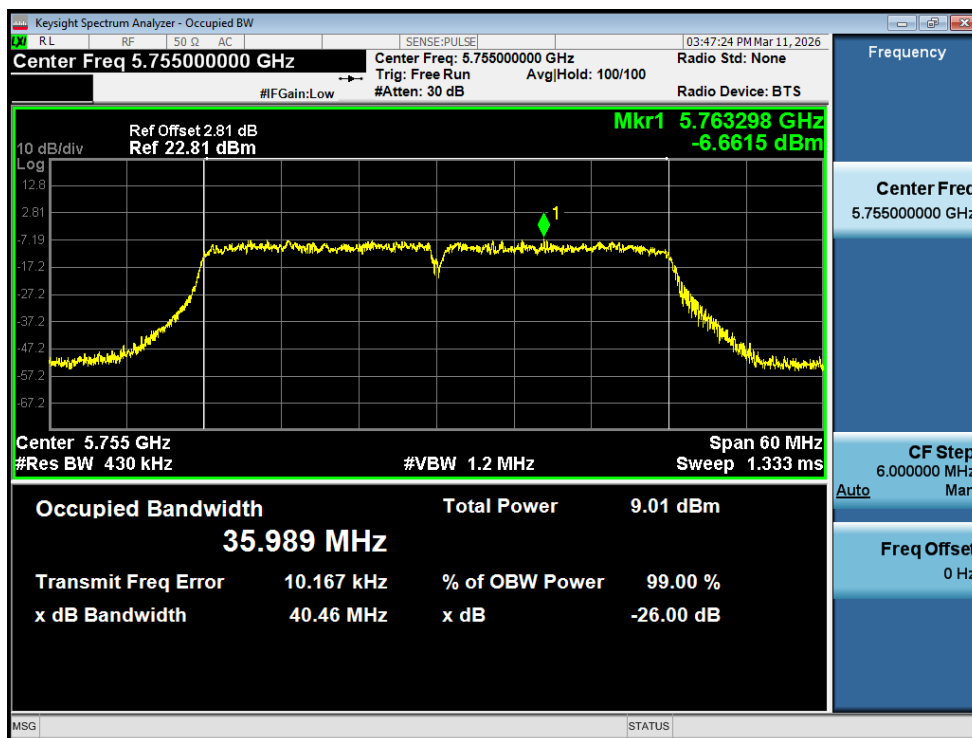
OBW NVNT n20 5745MHz Ant1



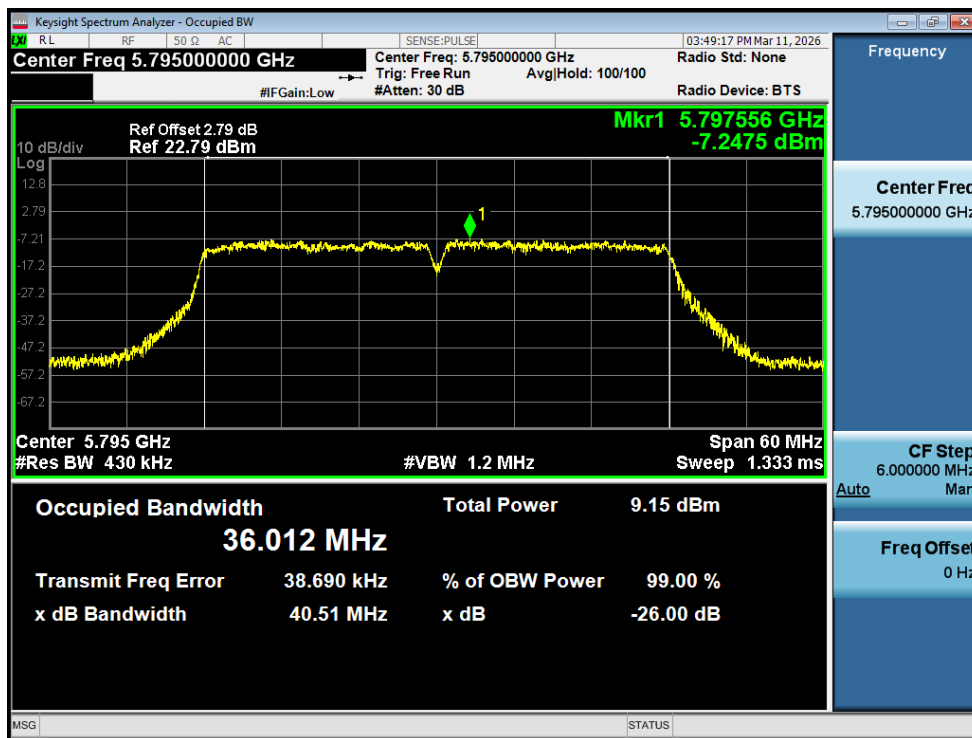
OBW NVNT n20 5785MHz Ant1



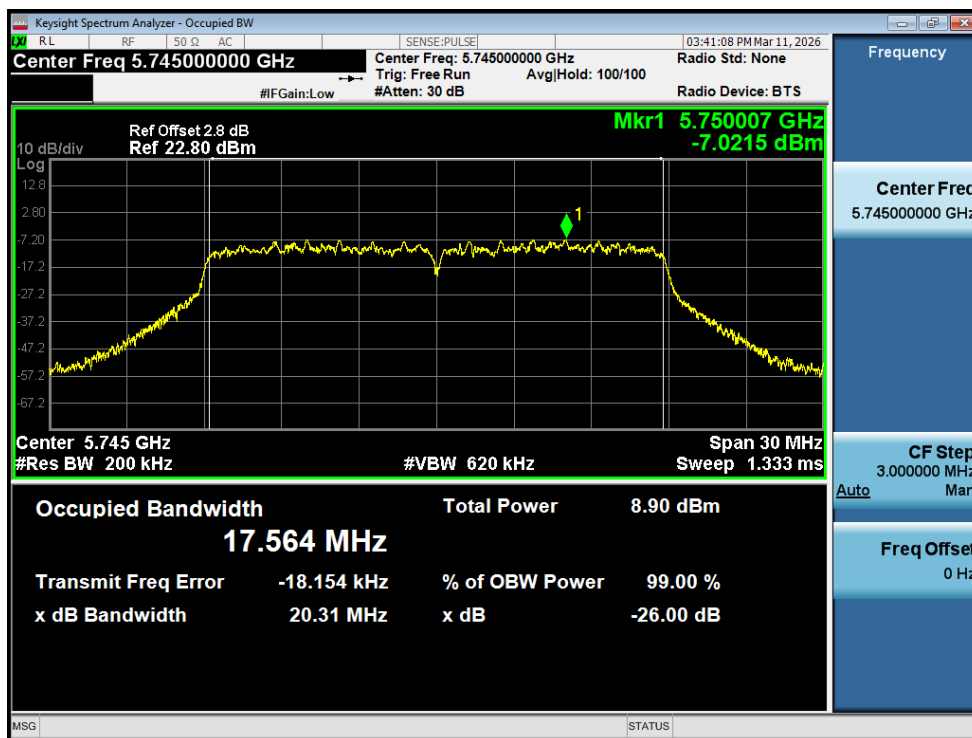
OBW NVNT n20 5825MHz Ant1



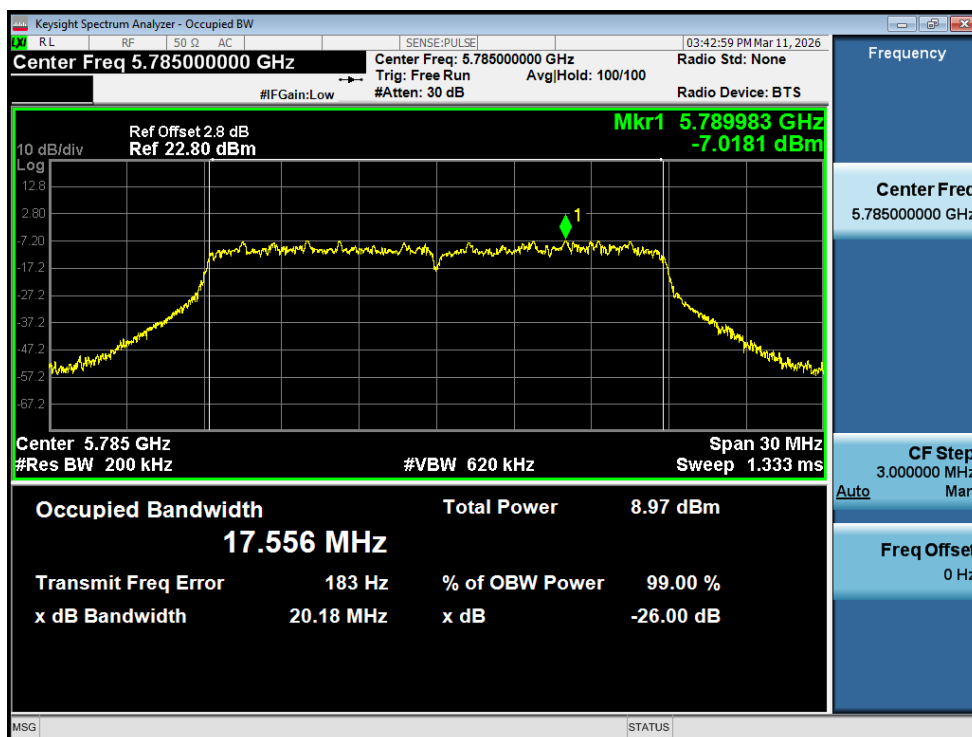
OBW NVNT n40 5755MHz Ant1



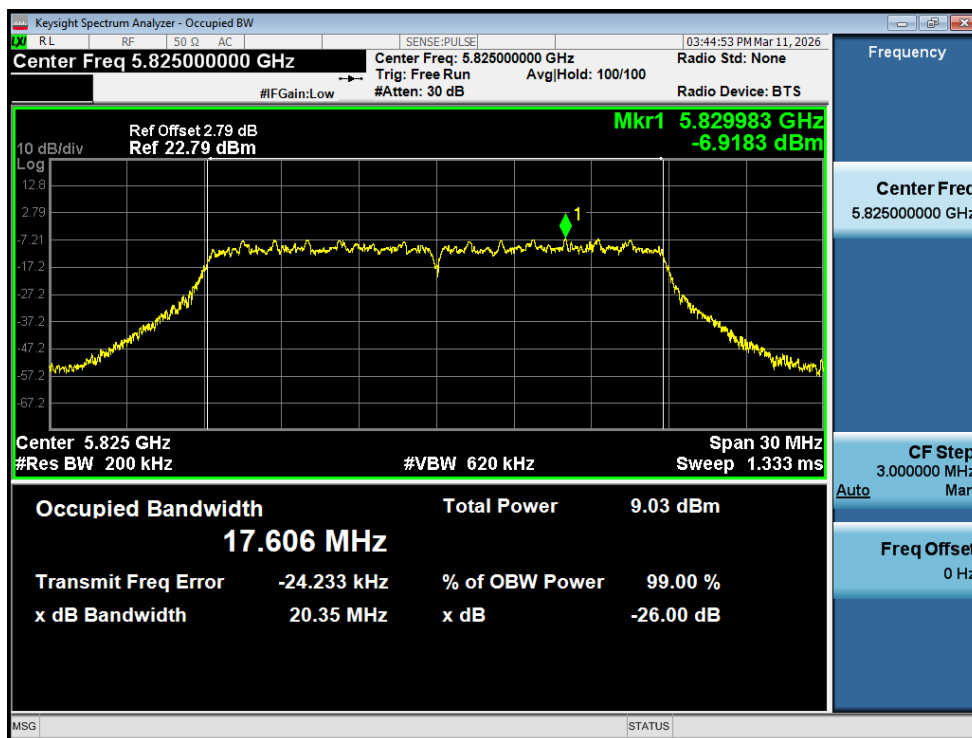
OBW NVNT n40 5795MHz Ant1



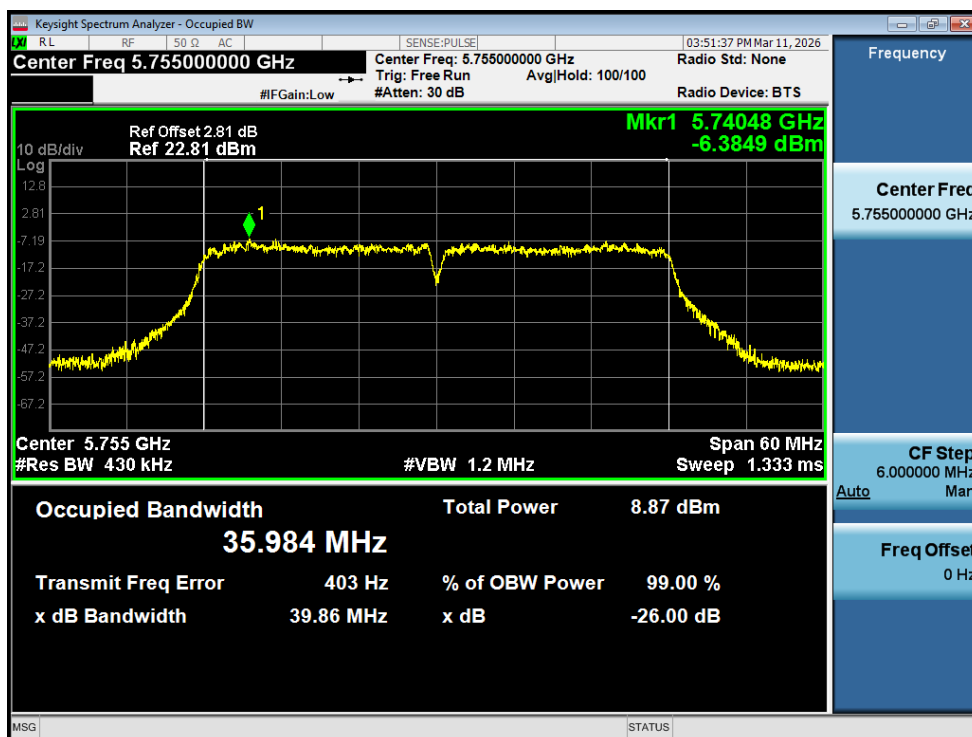
OBW NVNT ac20 5745MHz Ant1



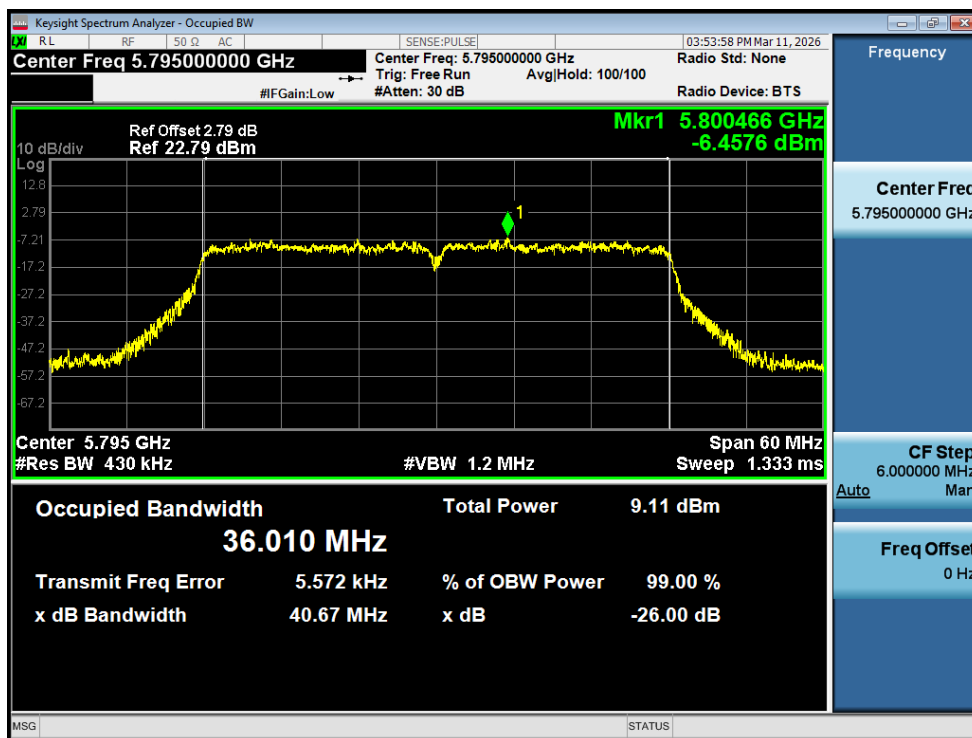
OBW NVNT ac20 5785MHz Ant1



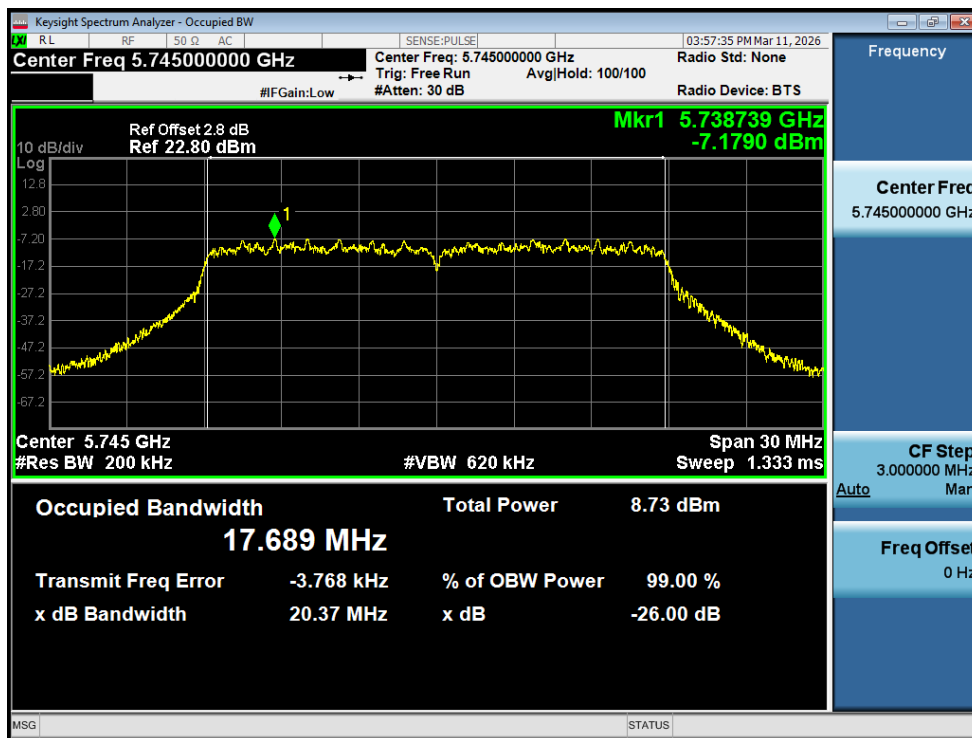
OBW NVNT ac20 5825MHz Ant1



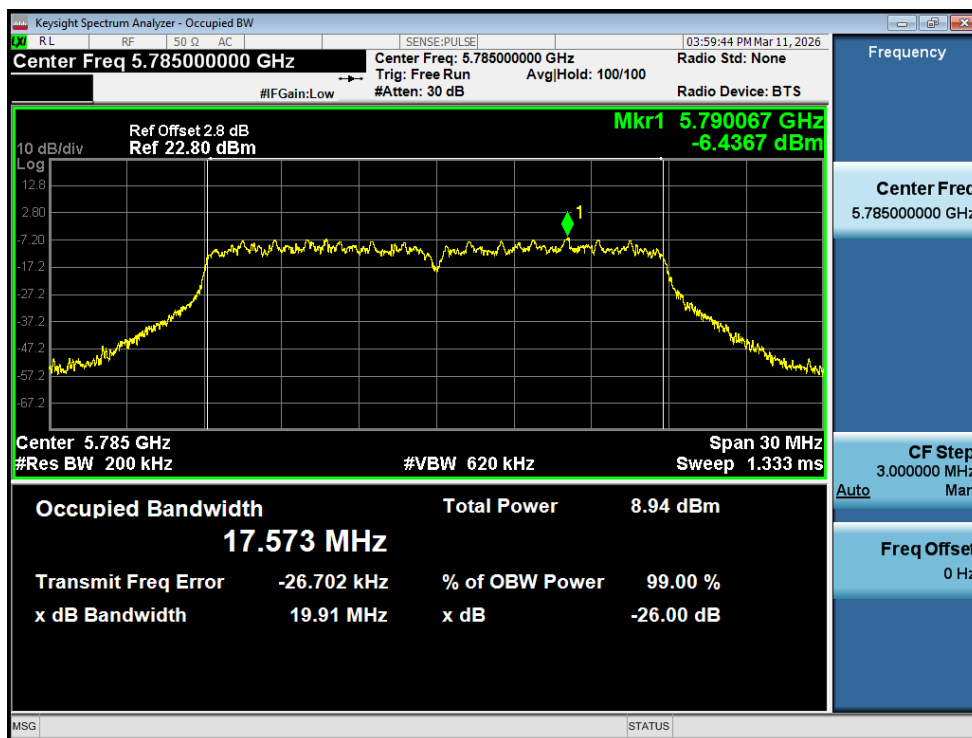
OBW NVNT ac40 5755MHz Ant1



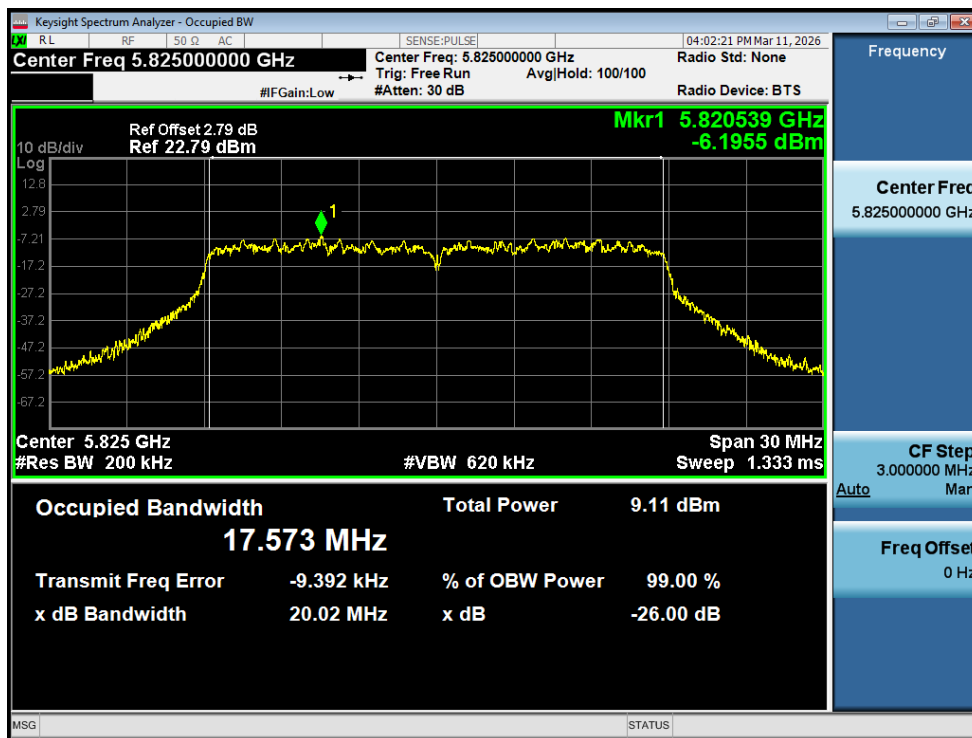
OBW NVNT ac40 5795MHz Ant1



OBW NVNT ax20 5745MHz Ant1



OBW NVNT ax20 5785MHz Ant1



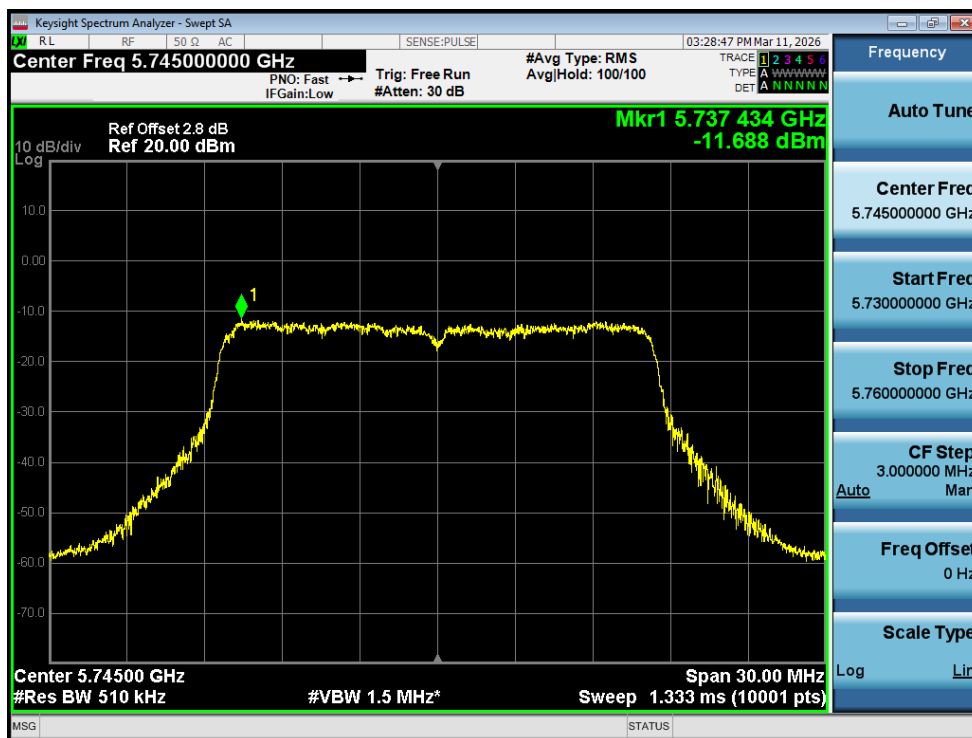
OBW NVNT ax20 5825MHz Ant1

5. Maximum Power Spectral Density Level

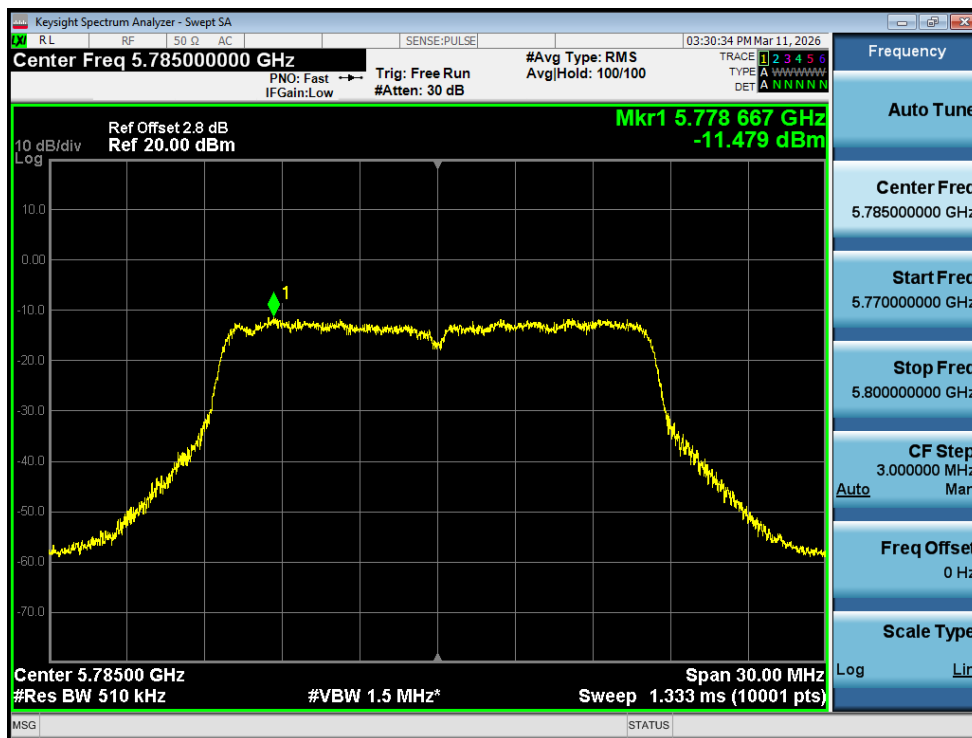
Condition	Mode	Frequency (MHz)	Antenna	Conducted PSD (dBm)	Duty Factor (dB)	10log (510/500)	Total PSD (dBm/500KHz)	Limit (dBm/500KHz)	Verdict
NVNT	a	5745	Ant1	-11.69	0.75	0.086	-10.854	30	Pass
NVNT	a	5785	Ant1	-11.48	2.01	0.086	-9.384	30	Pass
NVNT	a	5825	Ant1	-11	2.2	0.086	-8.714	30	Pass
NVNT	n20	5745	Ant1	-11.11	2.45	0.086	-8.574	30	Pass
NVNT	n20	5785	Ant1	-11.38	1.92	0.086	-9.374	30	Pass
NVNT	n20	5825	Ant1	-10.77	1.07	0.086	-9.614	30	Pass
NVNT	n40	5755	Ant1	-14.98	2.3	0.086	-12.594	30	Pass
NVNT	n40	5795	Ant1	-14.43	2.45	0.086	-11.894	30	Pass
NVNT	ac20	5745	Ant1	-11.51	2.15	0.086	-9.274	30	Pass
NVNT	ac20	5785	Ant1	-10.57	0.92	0.086	-9.564	30	Pass
NVNT	ac20	5825	Ant1	-11.66	2.27	0.086	-9.304	30	Pass
NVNT	ac40	5755	Ant1	-15.11	4.23	0.086	-10.794	30	Pass
NVNT	ac40	5795	Ant1	-14.78	2.28	0.086	-12.414	30	Pass
NVNT	ax20	5745	Ant1	-11.78	1.64	0.086	-10.054	30	Pass
NVNT	ax20	5785	Ant1	-11.45	0.92	0.086	-10.444	30	Pass
NVNT	ax20	5825	Ant1	-11.6	1.64	0.086	-9.874	30	Pass

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

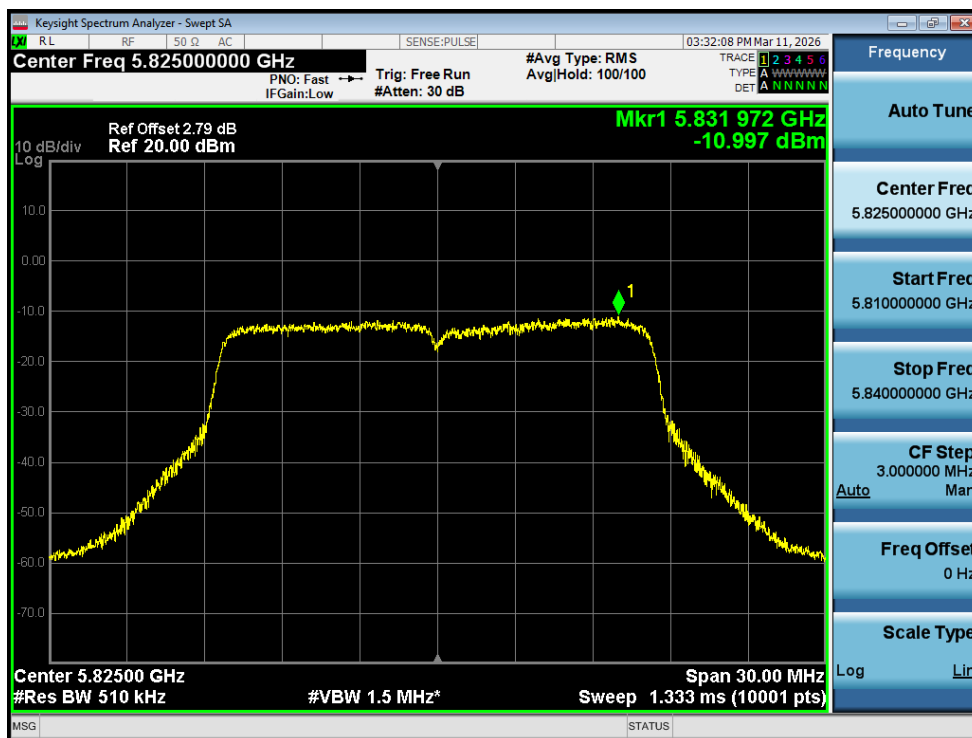
Note 2: Antenna Gain: 0dBi



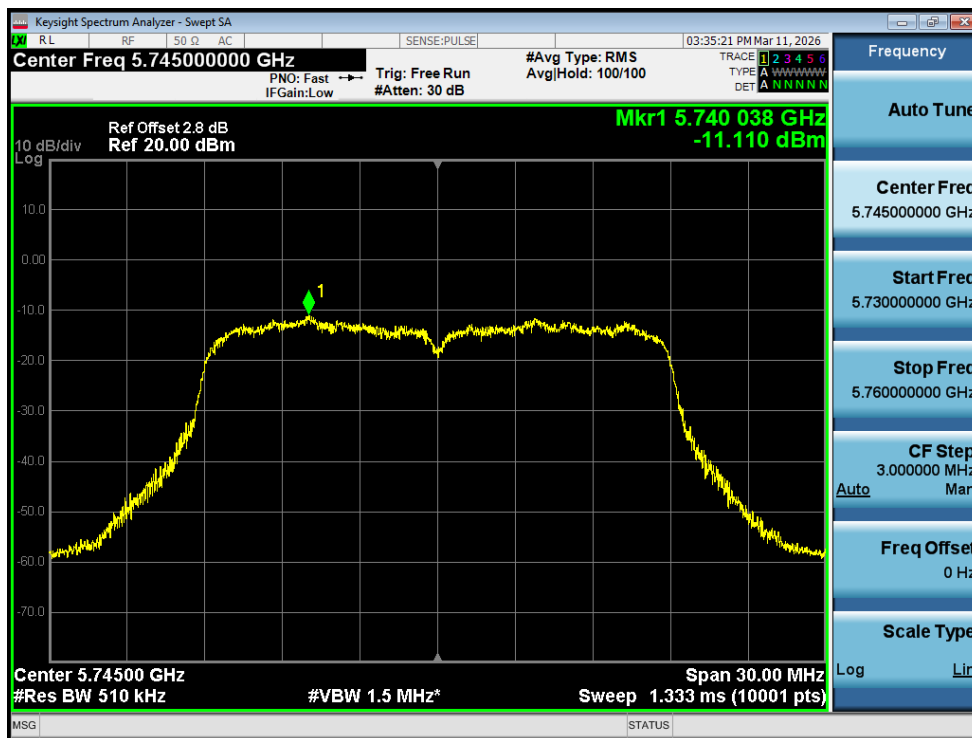
PSD NVNT a 5745MHz Ant1



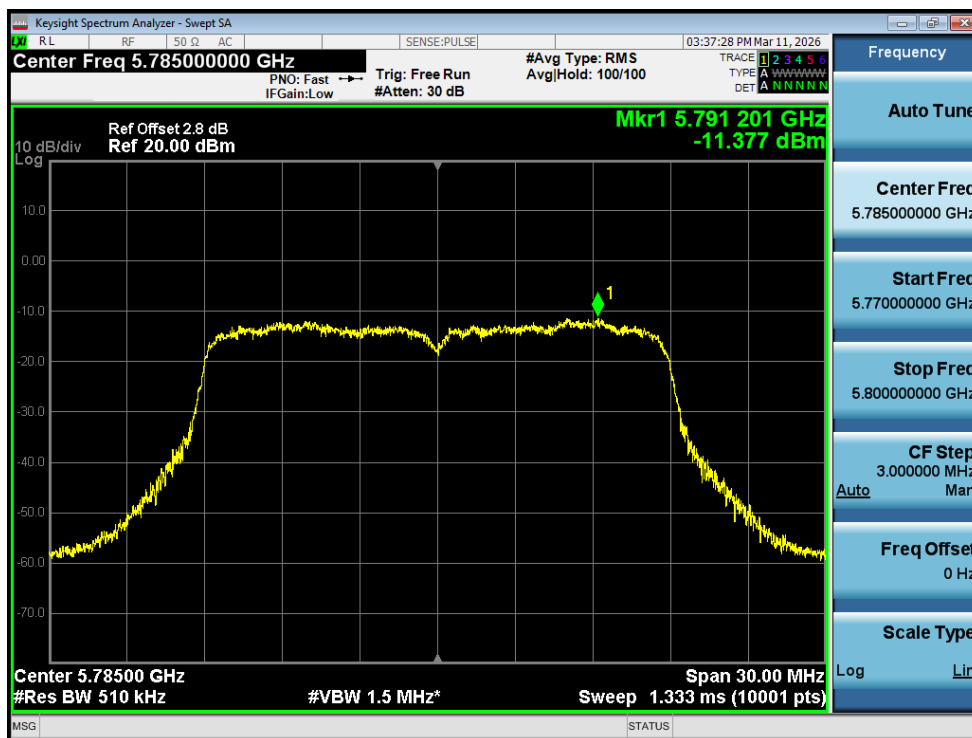
PSD NVNT a 5785MHz Ant1



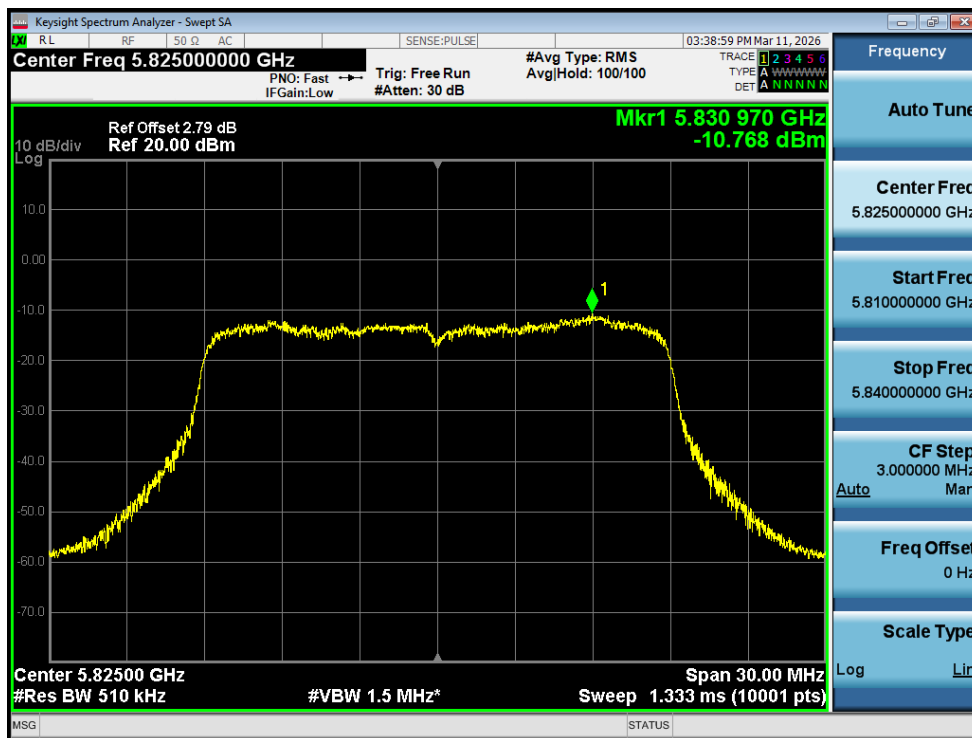
PSD NVNT a 5825MHz Ant1



PSD NVNT n20 5745MHz Ant1



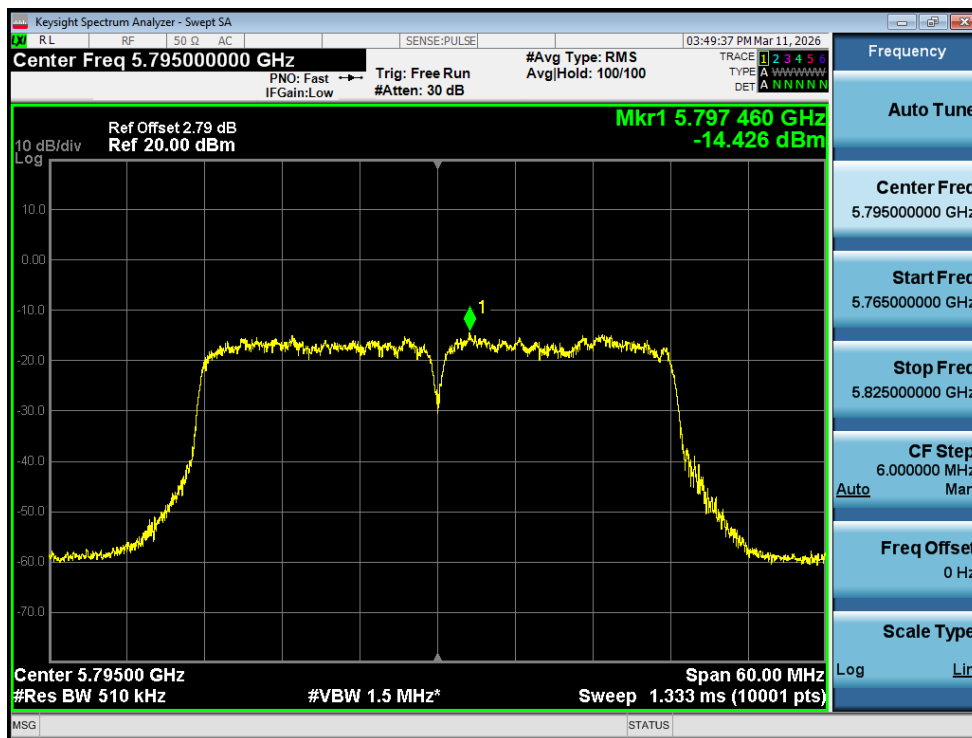
PSD NVNT n20 5785MHz Ant1



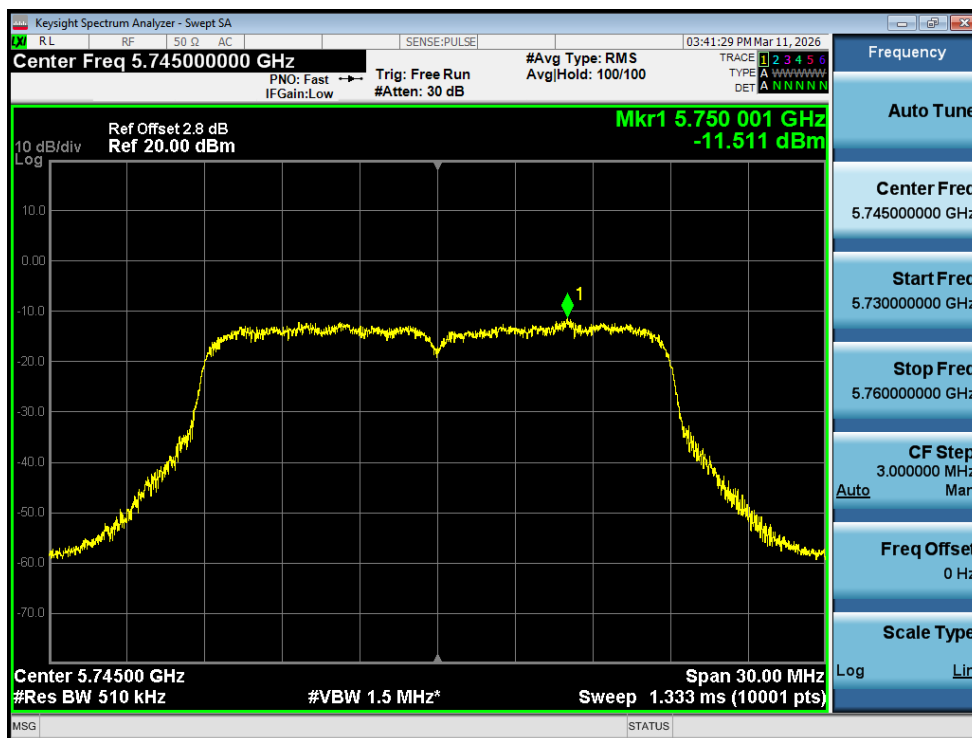
PSD NVNT n20 5825MHz Ant1



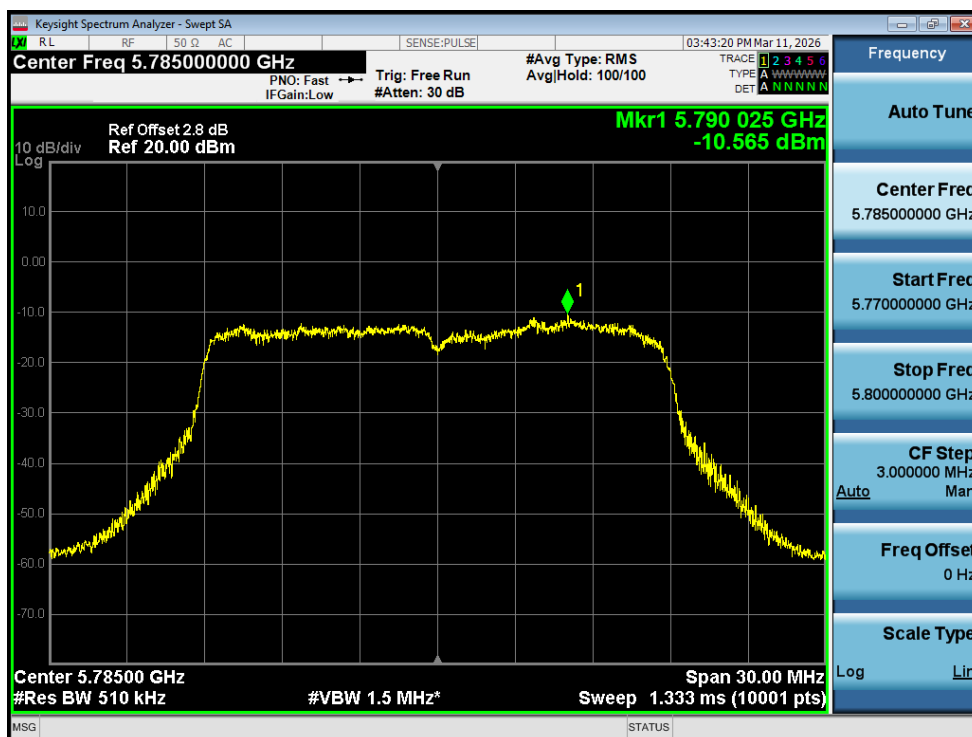
PSD NVNT n40 5755MHz Ant1



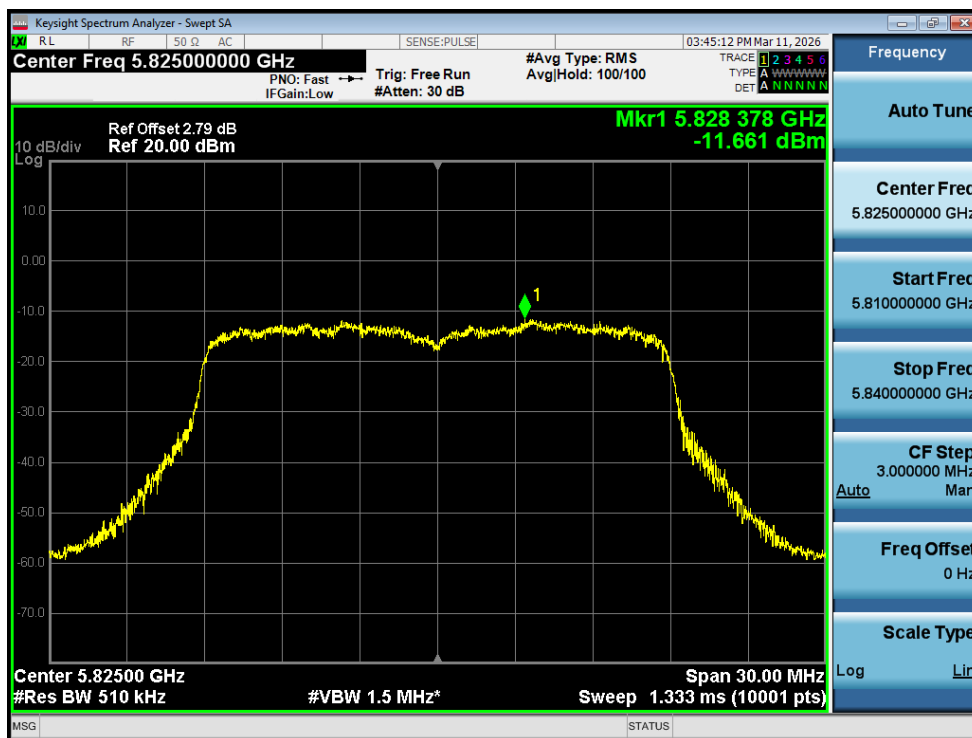
PSD NVNT n40 5795MHz Ant1



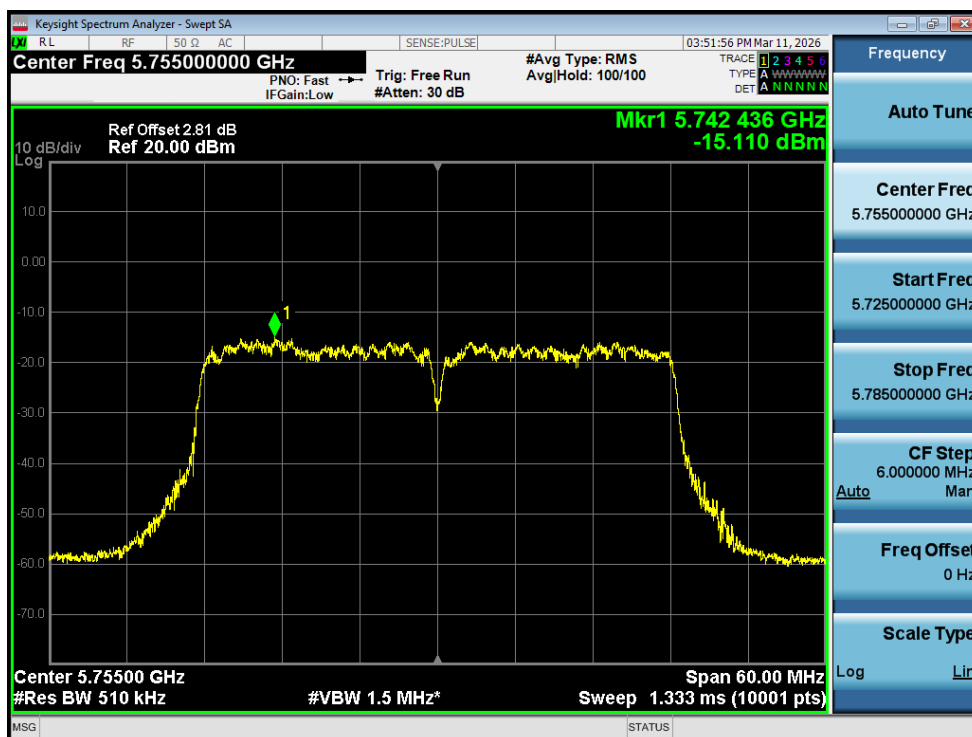
PSD NVNT ac20 5745MHz Ant1



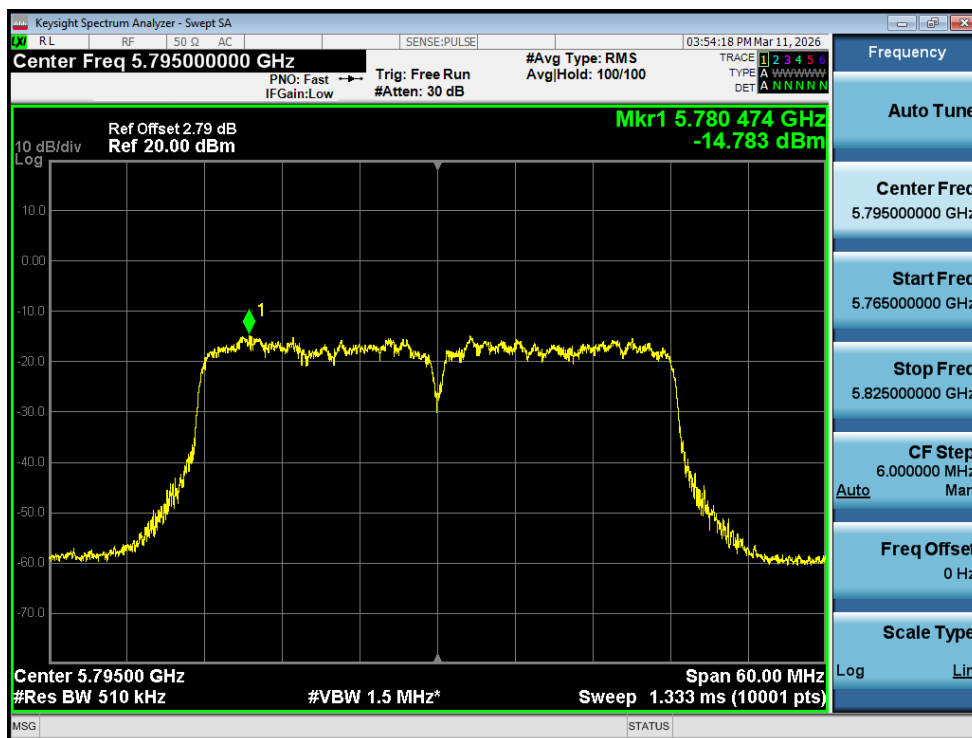
PSD NVNT ac20 5785MHz Ant1



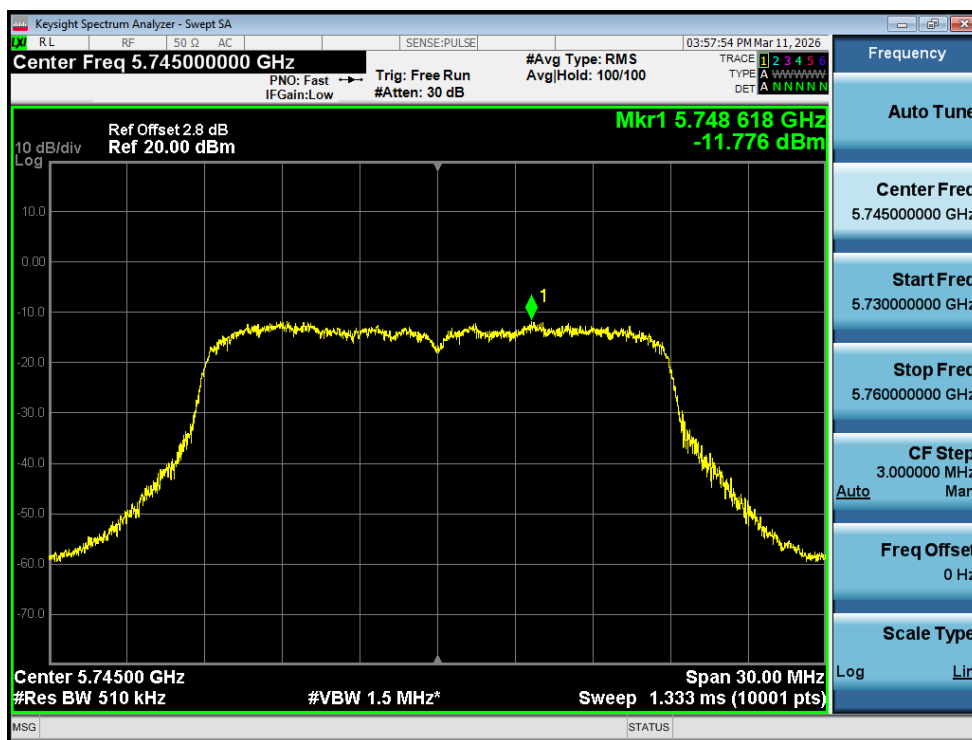
PSD NVNT ac20 5825MHz Ant1



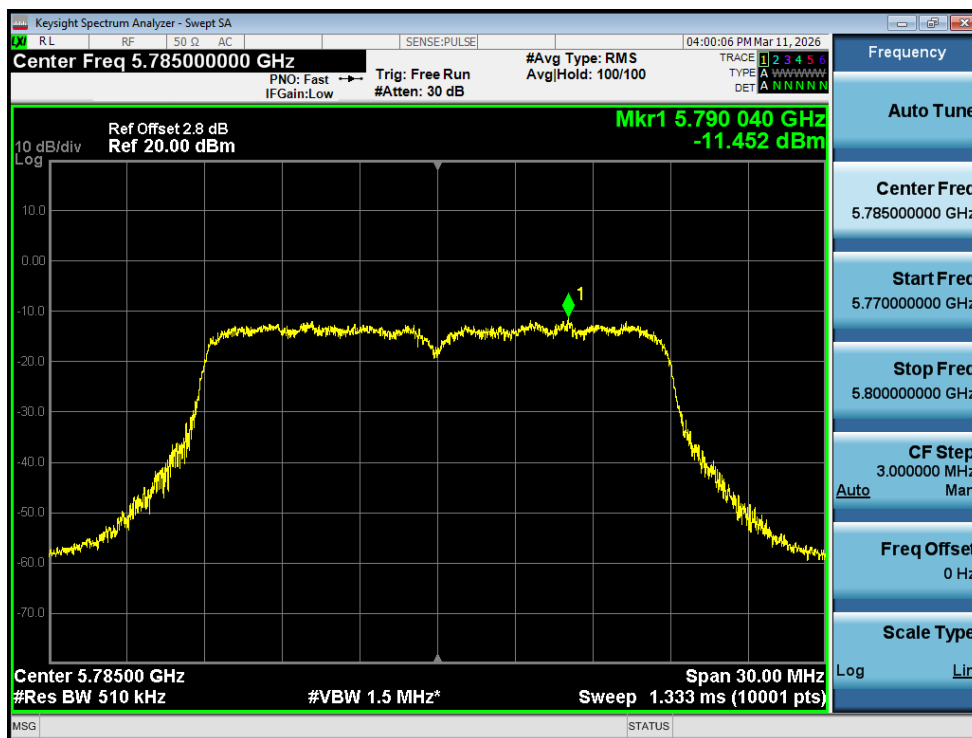
PSD NVNT ac40 5755MHz Ant1



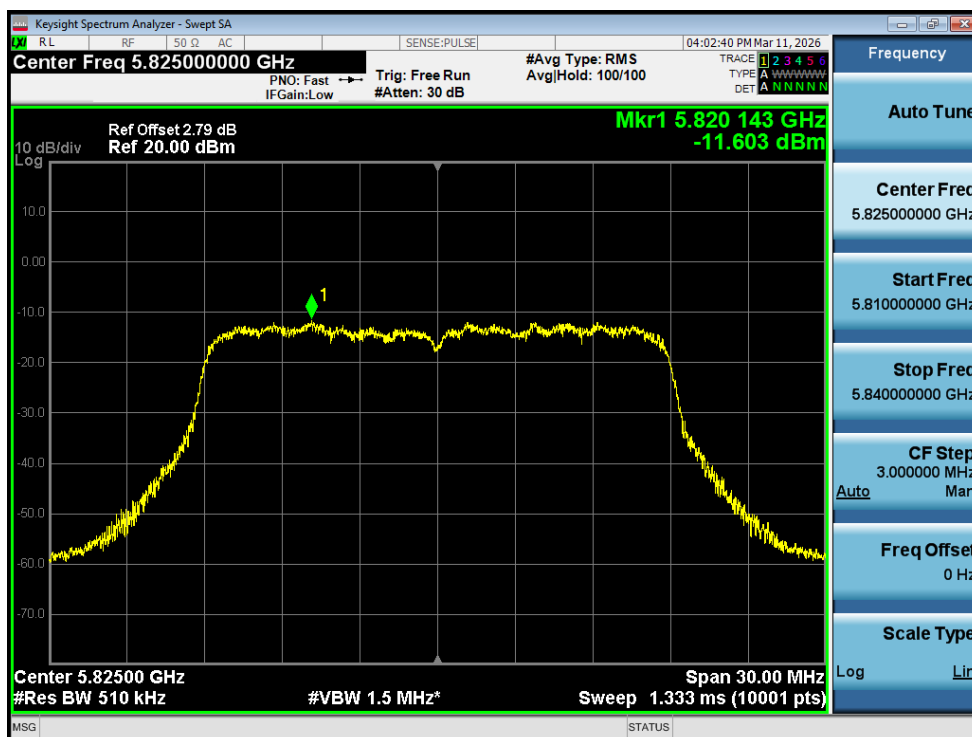
PSD NVNT ac40 5795MHz Ant1



PSD NVNT ax20 5745MHz Ant1



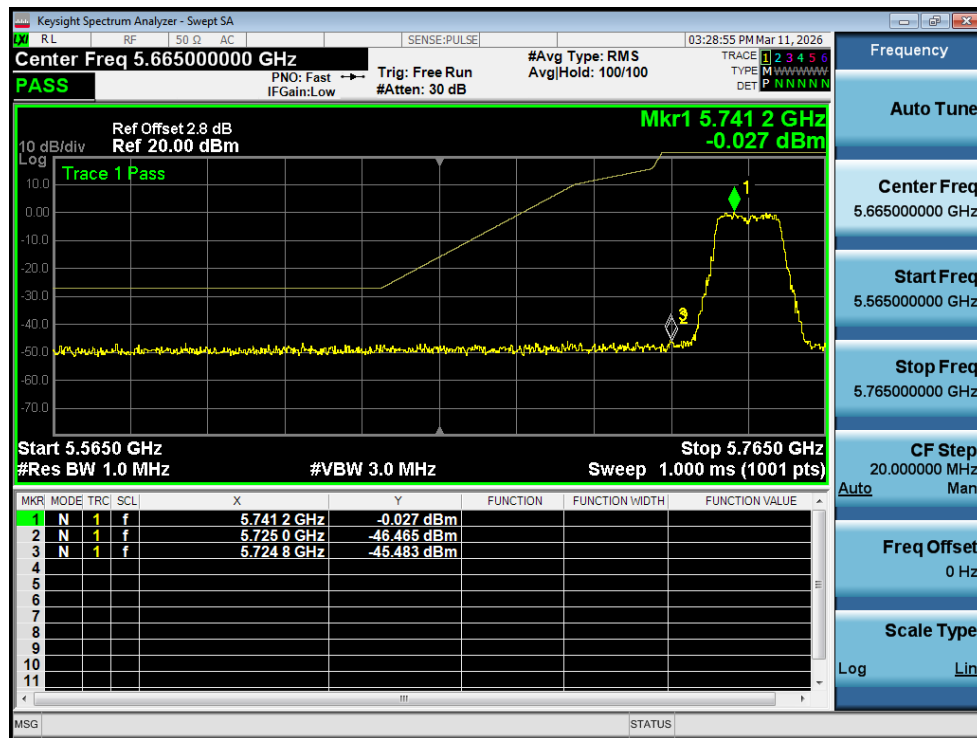
PSD NVNT ax20 5785MHz Ant1



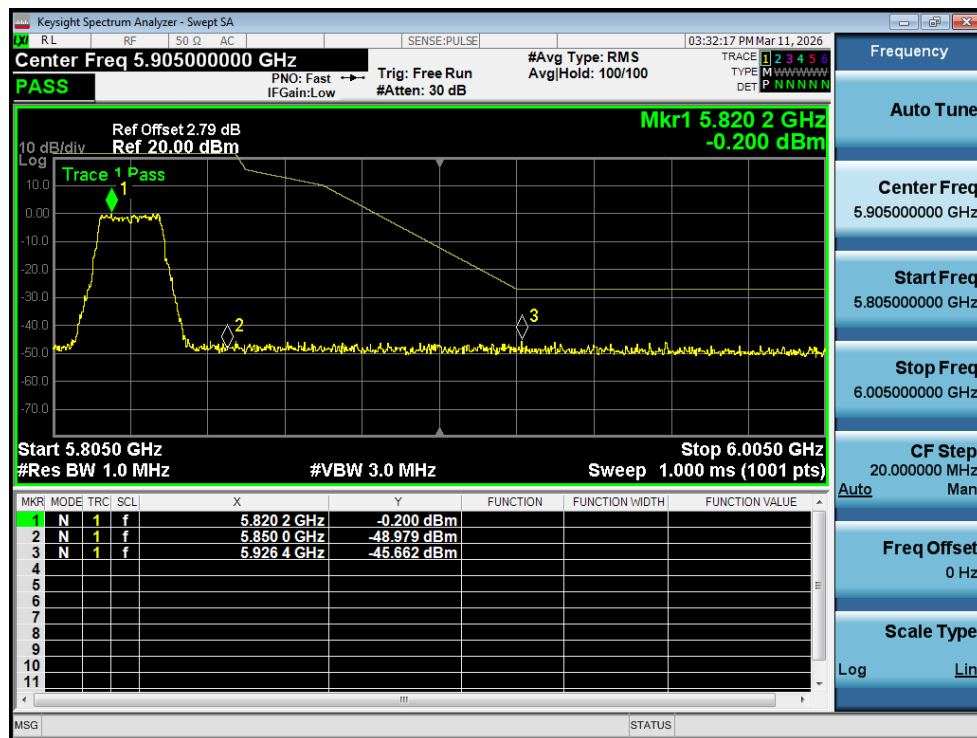
PSD NVNT ax20 5825MHz Ant1

6. Band Edge

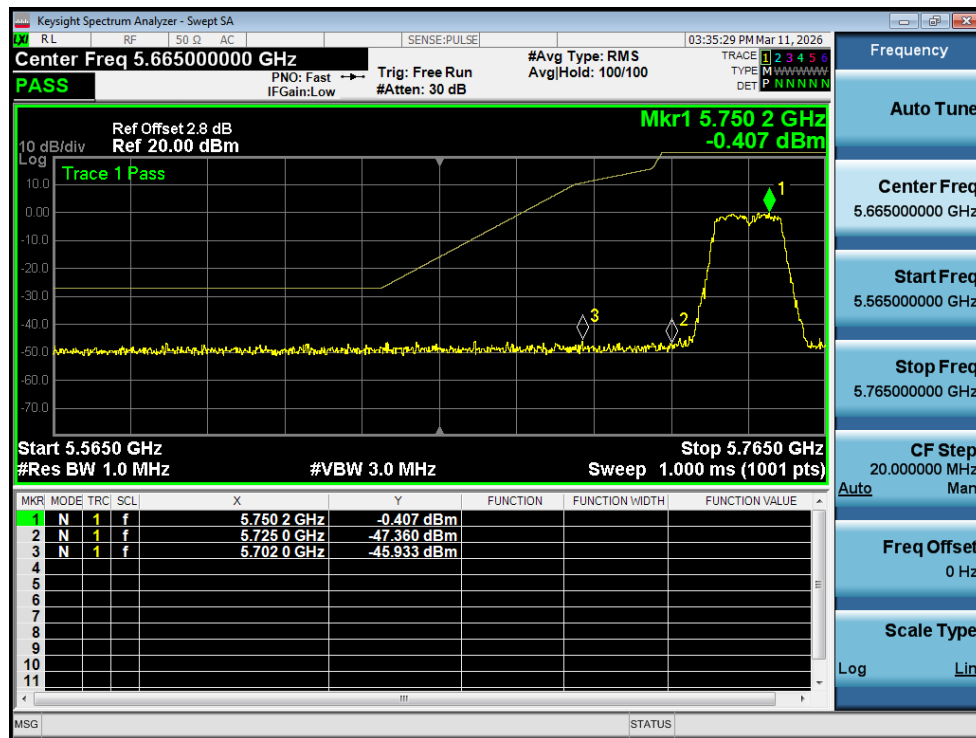
Condition	Mode	Frequency (MHz)	Antenna	Max Value (dBm)	Verdict
NVNT	a	5745	Ant1	-45.48	Pass
NVNT	a	5825	Ant1	-45.66	Pass
NVNT	n20	5745	Ant1	-45.93	Pass
NVNT	n20	5825	Ant1	-45.26	Pass
NVNT	n40	5755	Ant1	-44.69	Pass
NVNT	n40	5795	Ant1	-46.16	Pass
NVNT	ac20	5745	Ant1	-45.56	Pass
NVNT	ac20	5825	Ant1	-45.76	Pass
NVNT	ac40	5755	Ant1	-44.51	Pass
NVNT	ac40	5795	Ant1	-46.02	Pass
NVNT	ax20	5745	Ant1	-45.68	Pass
NVNT	ax20	5825	Ant1	-45.76	Pass



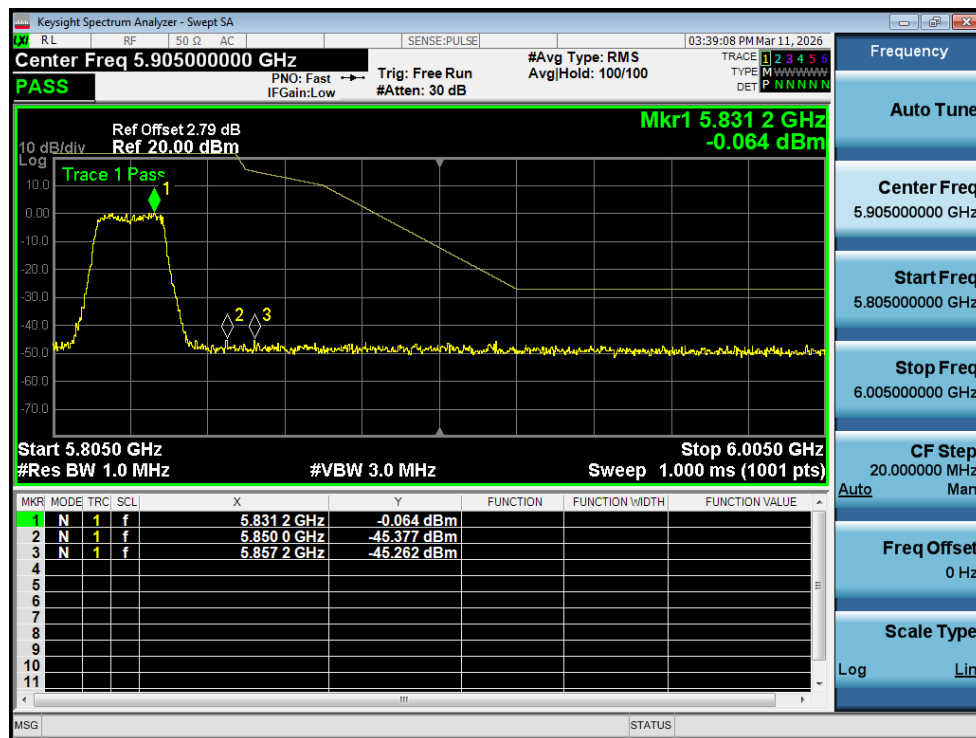
Band Edge NVNT a 5745MHz Low Ant1



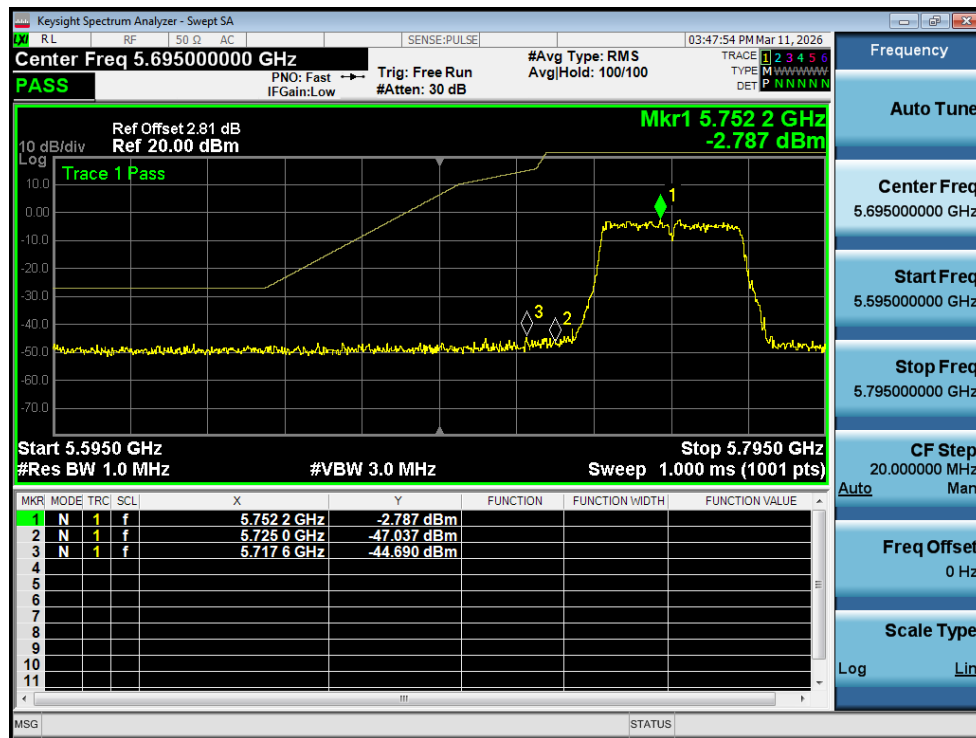
Band Edge NVNT a 5825MHz High Ant1



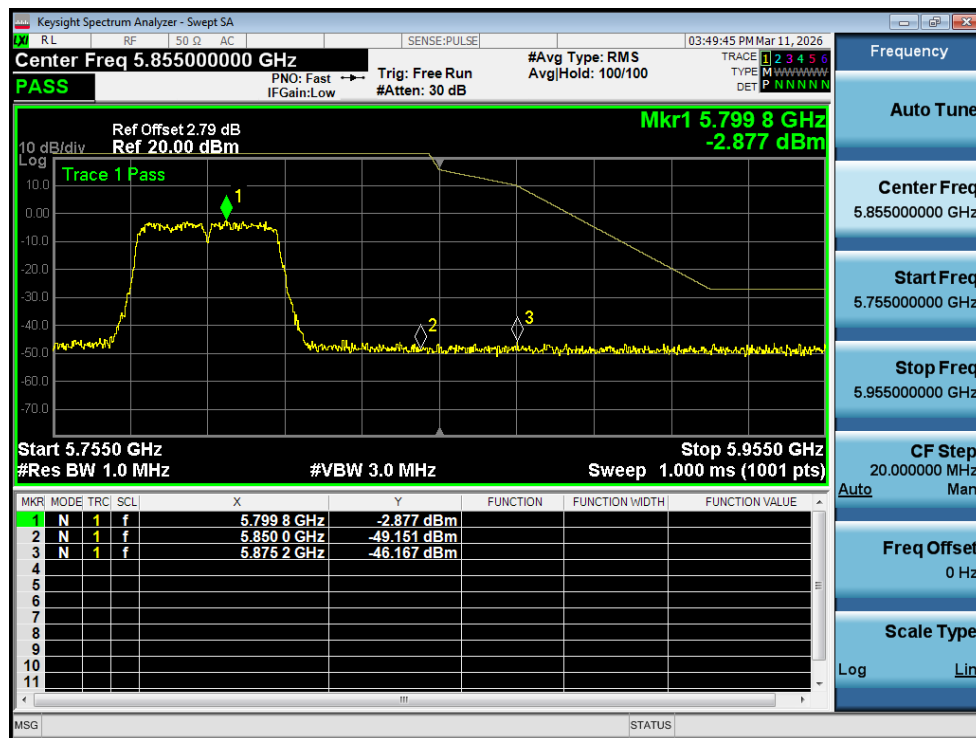
Band Edge NVNT n20 5745MHz Low Ant1



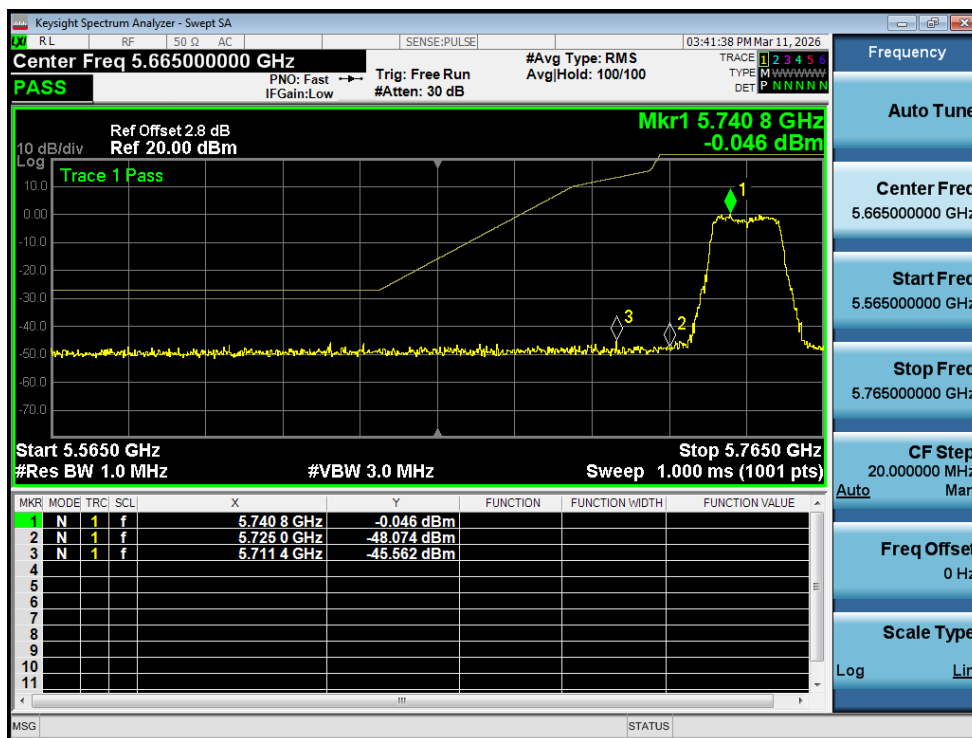
Band Edge NVNT n20 5825MHz High Ant1



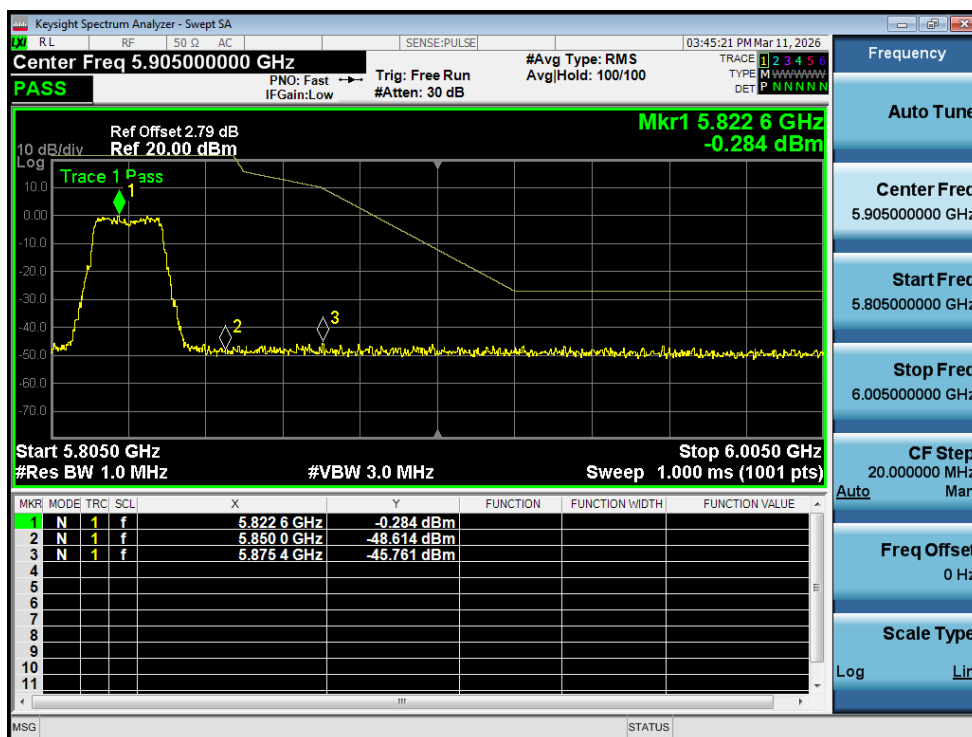
Band Edge NVNT n40 5755MHz Low Ant1



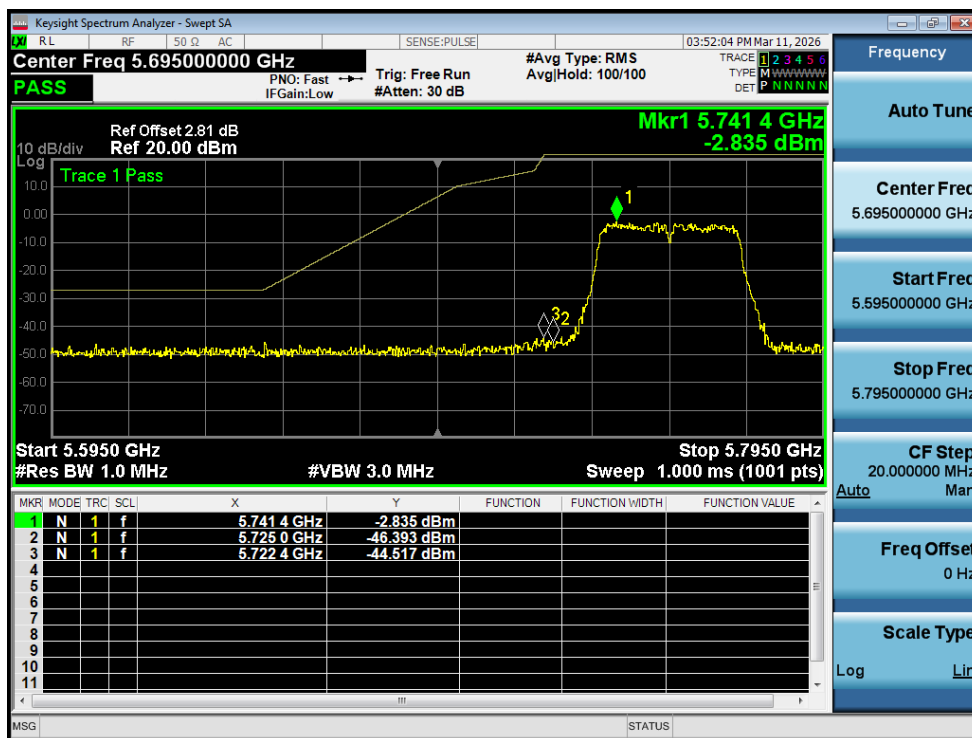
Band Edge NVNT n40 5795MHz High Ant1



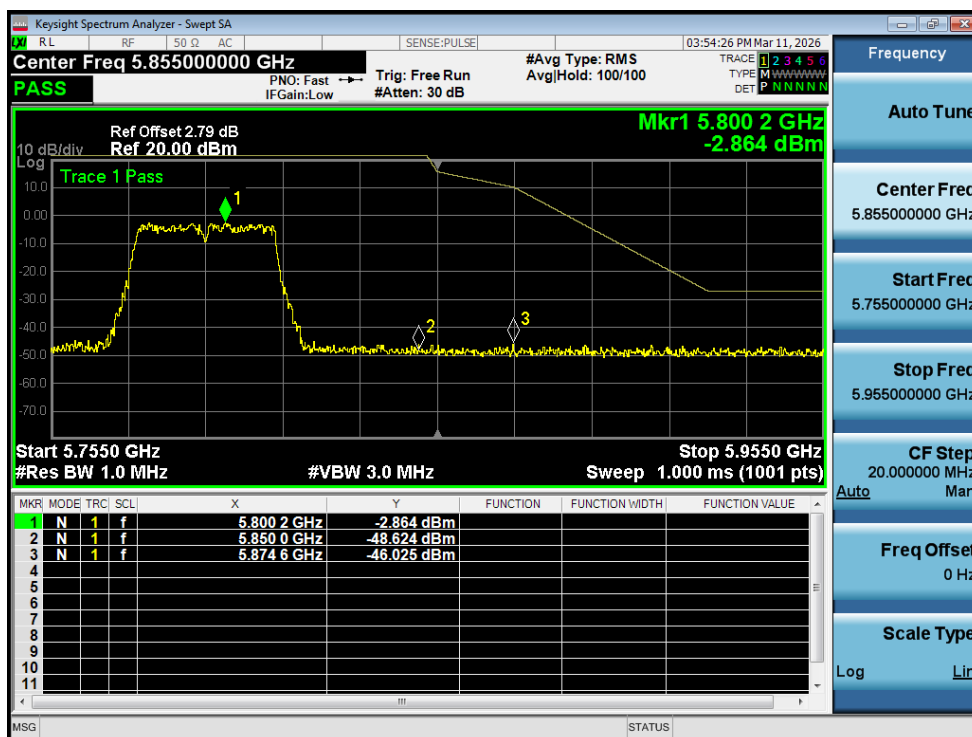
Band Edge NVNT ac20 5745MHz Low Ant1



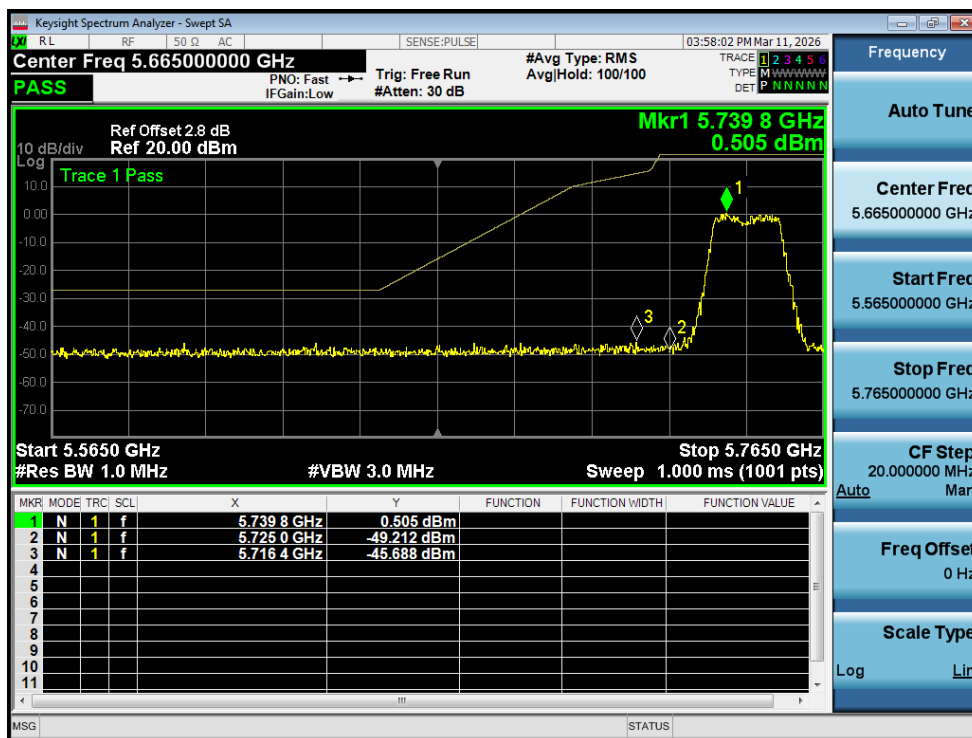
Band Edge NVNT ac20 5825MHz High Ant1



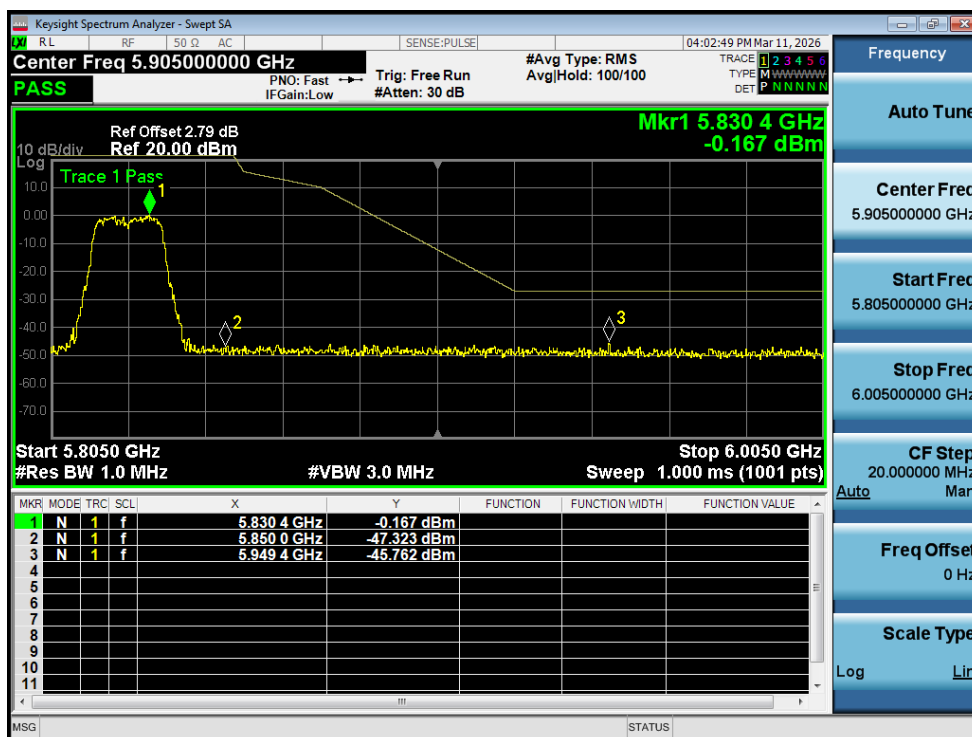
Band Edge NVNT ac40 5755MHz Low Ant1



Band Edge NVNT ac40 5795MHz High Ant1



Band Edge NVNT ax20 5745MHz Low Ant1

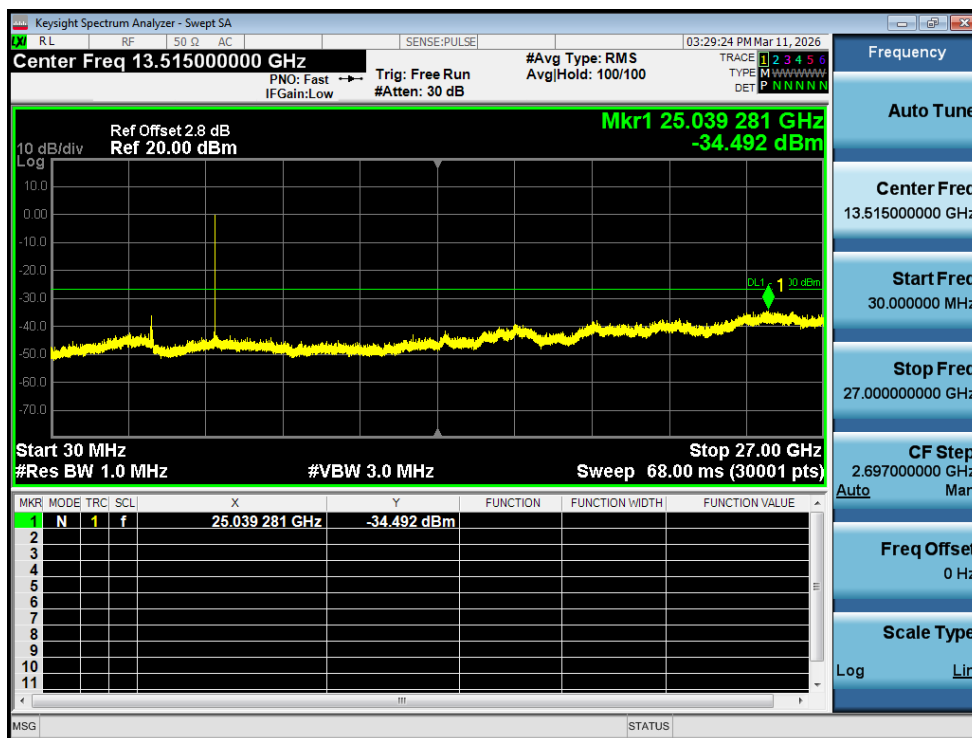


Band Edge NVNT ax20 5825MHz High Ant1

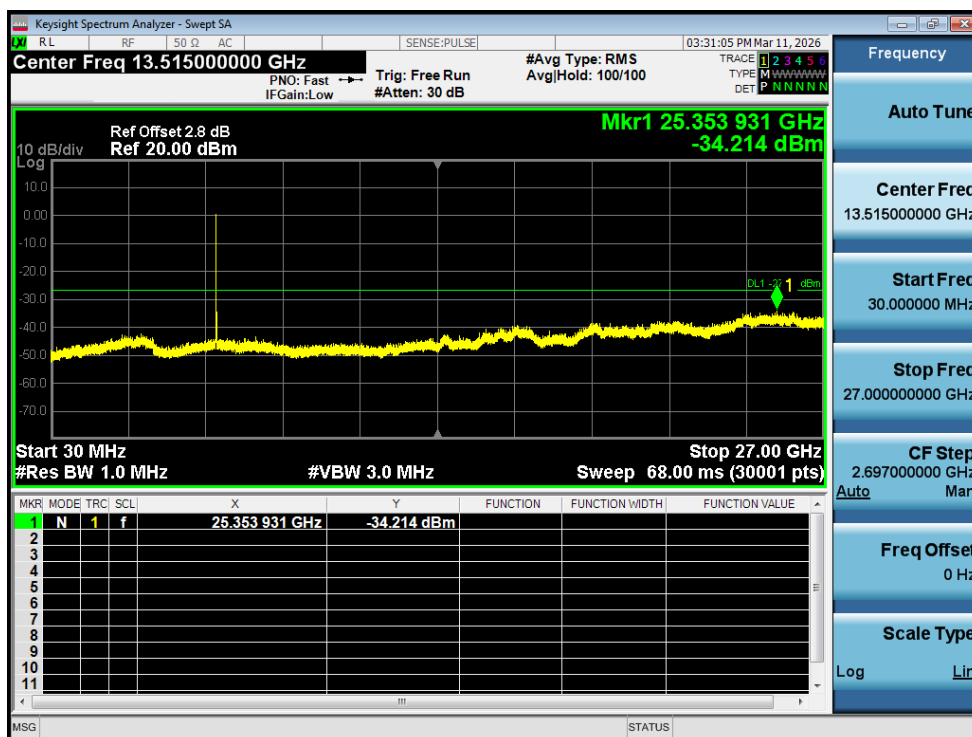
7. Conducted RF Spurious Emission

Condition	Mode	Frequency (MHz)	Antenna	Max Value (dBc)	Limit (dBc)	Verdict
NVNT	a	5745	Ant1	-34.49	-27	Pass
NVNT	a	5785	Ant1	-34.21	-27	Pass
NVNT	a	5825	Ant1	-34.32	-27	Pass
NVNT	n20	5745	Ant1	-33.97	-27	Pass
NVNT	n20	5785	Ant1	-34.01	-27	Pass
NVNT	n20	5825	Ant1	-34.17	-27	Pass
NVNT	n40	5755	Ant1	-34.31	-27	Pass
NVNT	n40	5795	Ant1	-34.55	-27	Pass
NVNT	ac20	5745	Ant1	-33.89	-27	Pass
NVNT	ac20	5785	Ant1	-34.5	-27	Pass
NVNT	ac20	5825	Ant1	-34.53	-27	Pass
NVNT	ac40	5755	Ant1	-34.96	-27	Pass
NVNT	ac40	5795	Ant1	-33.47	-27	Pass
NVNT	ax20	5745	Ant1	-34.5	-27	Pass
NVNT	ax20	5785	Ant1	-34.52	-27	Pass
NVNT	ax20	5825	Ant1	-34.78	-27	Pass

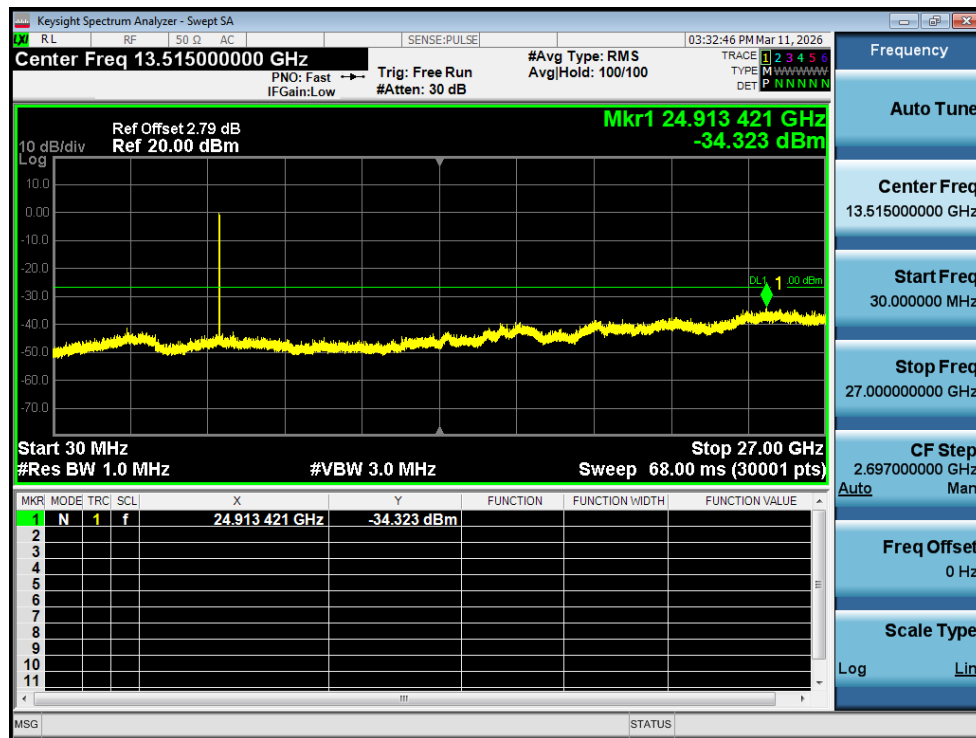
Note: Testing is carried out with frequency rang 30MHz to the 40GHz, above 27GHz not recorded for no spurious point have a margin of less than 6 dB with respect to the limits.



Tx. Spurious NVNT a 5745MHz Ant1 Emission



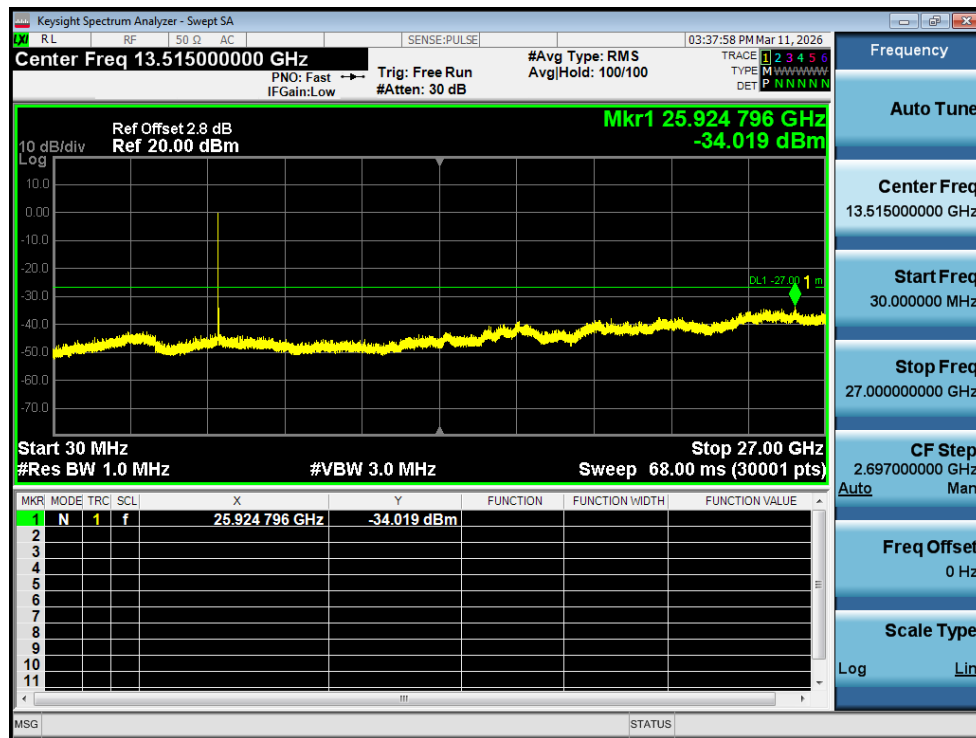
Tx. Spurious NVNT a 5785MHz Ant1 Emission



Tx. Spurious NVNT a 5825MHz Ant1 Emission



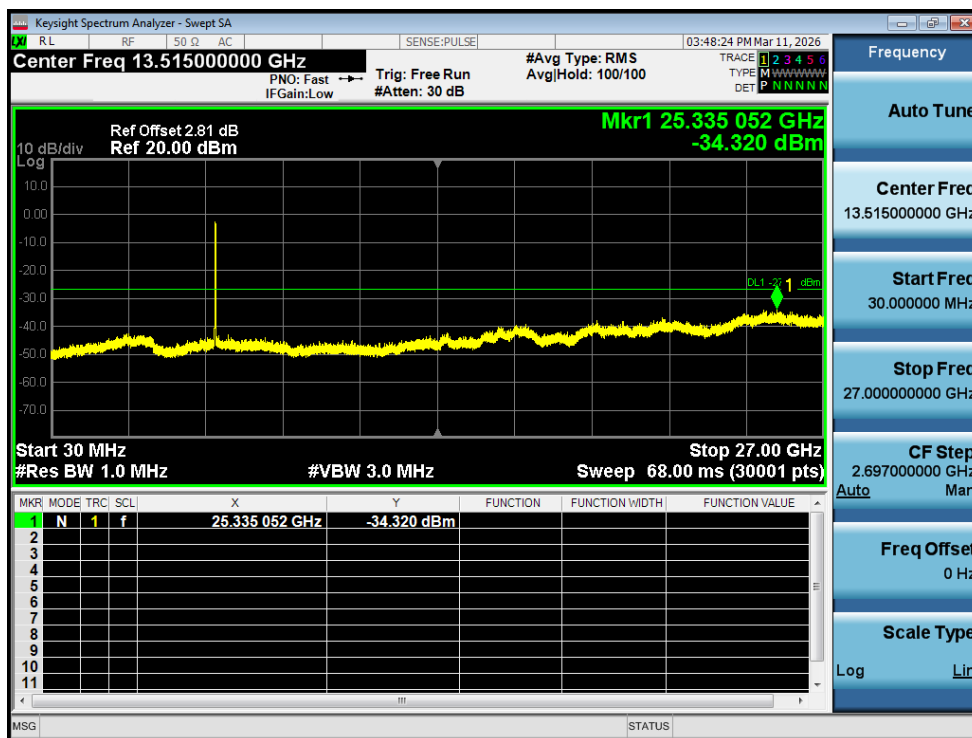
Tx. Spurious NVNT n20 5745MHz Ant1 Emission



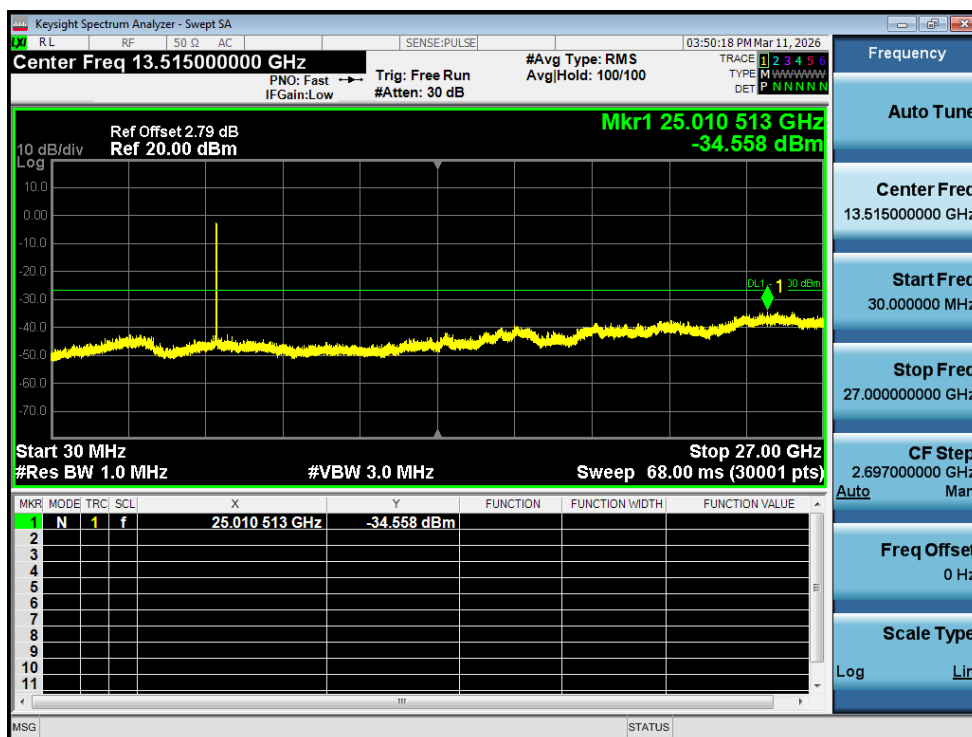
Tx. Spurious NVNT n20 5785MHz Ant1 Emission



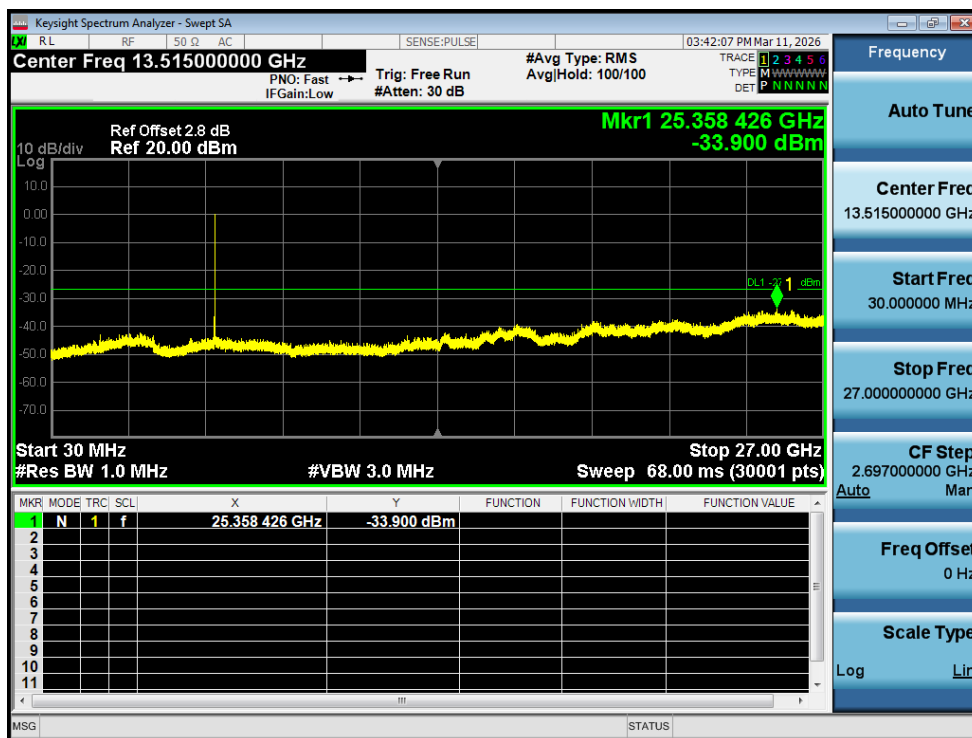
Tx. Spurious NVNT n20 5825MHz Ant1 Emission



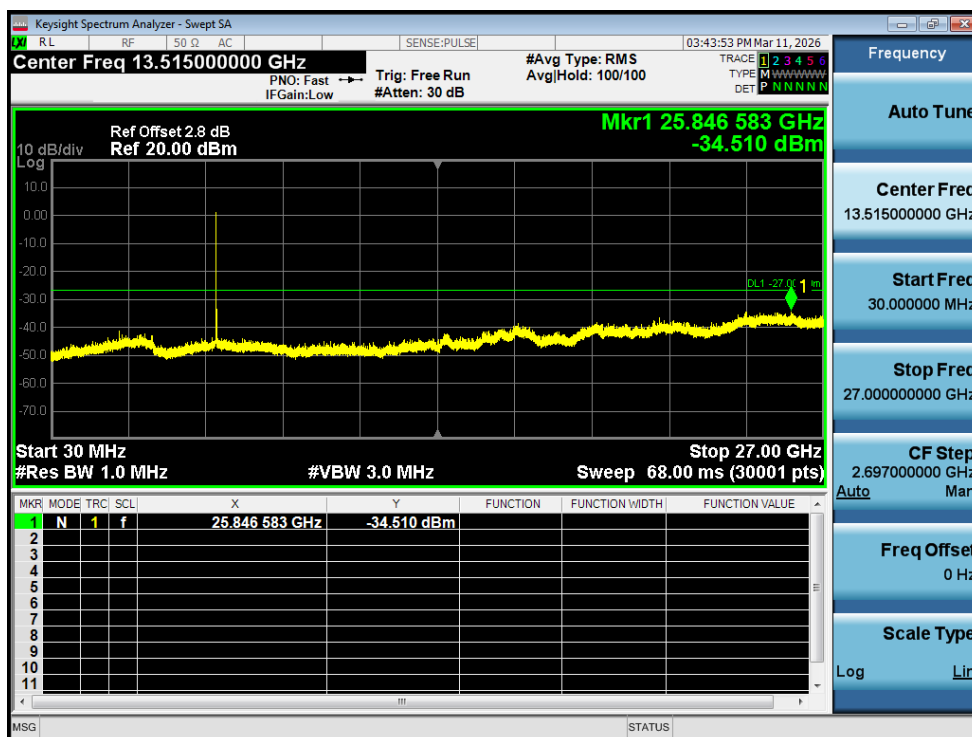
Tx. Spurious NVNT n40 5755MHz Ant1 Emission



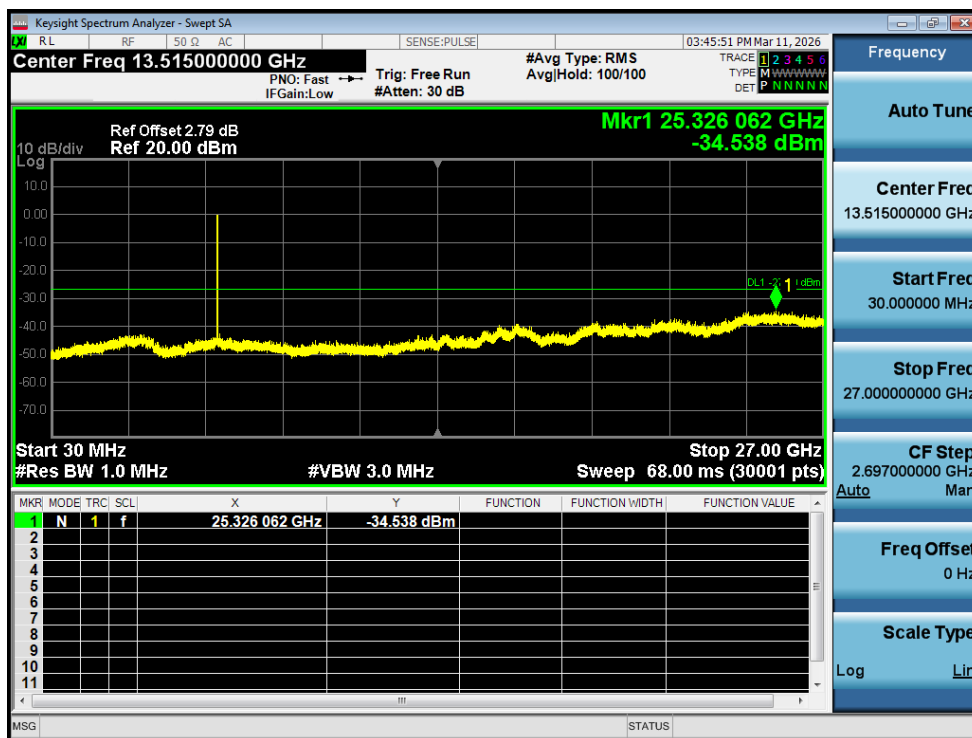
Tx. Spurious NVNT n40 5795MHz Ant1 Emission



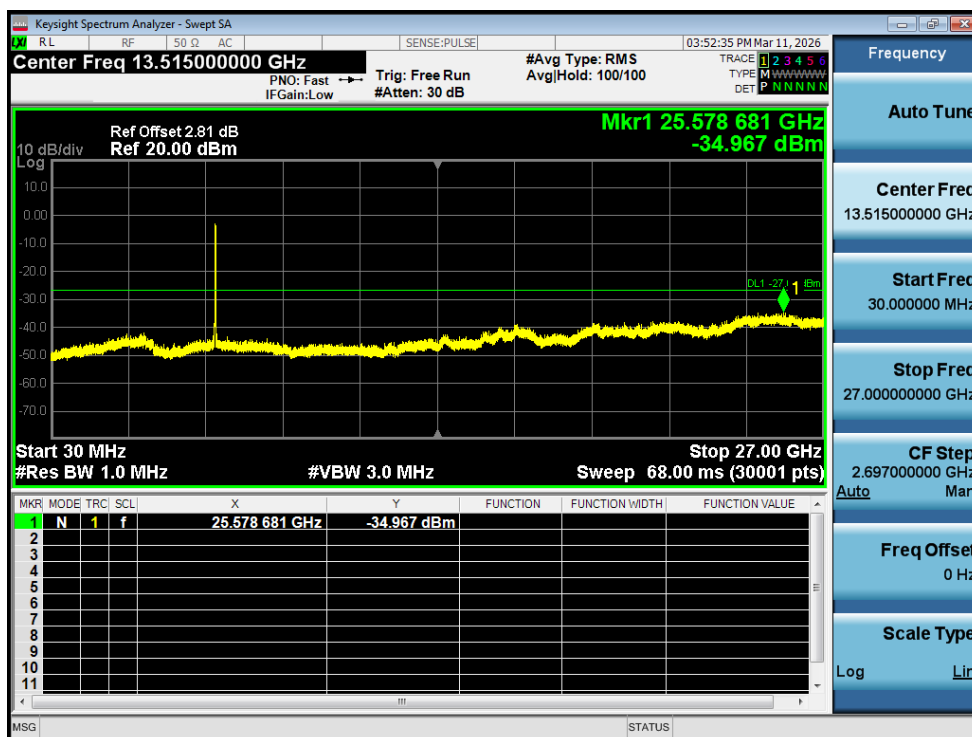
Tx. Spurious NVNT ac20 5745MHz Ant1 Emission



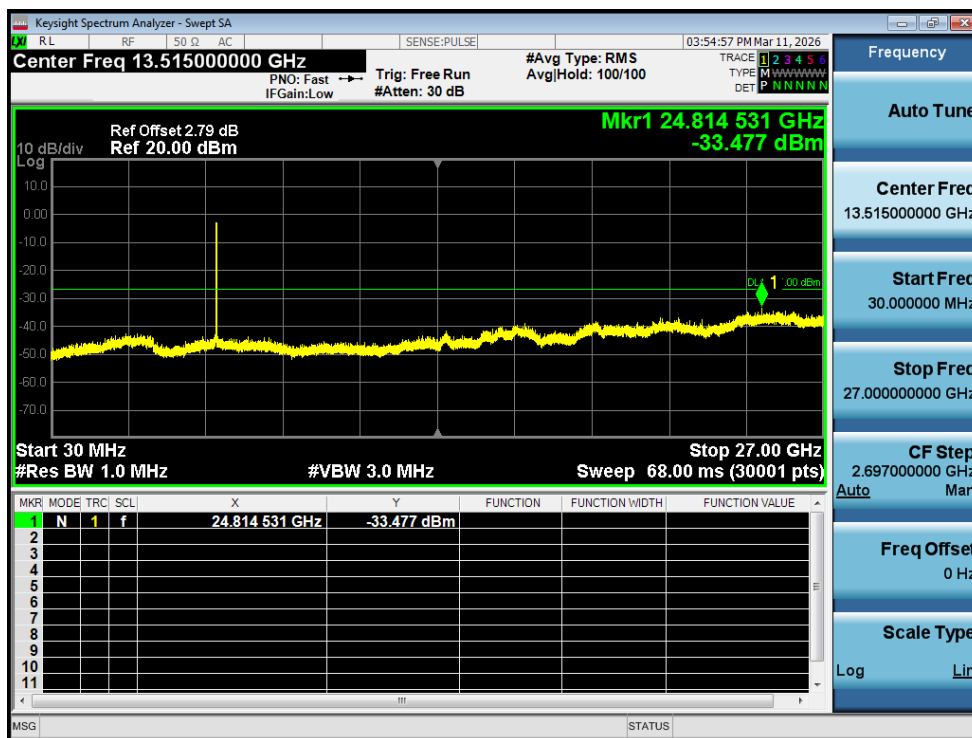
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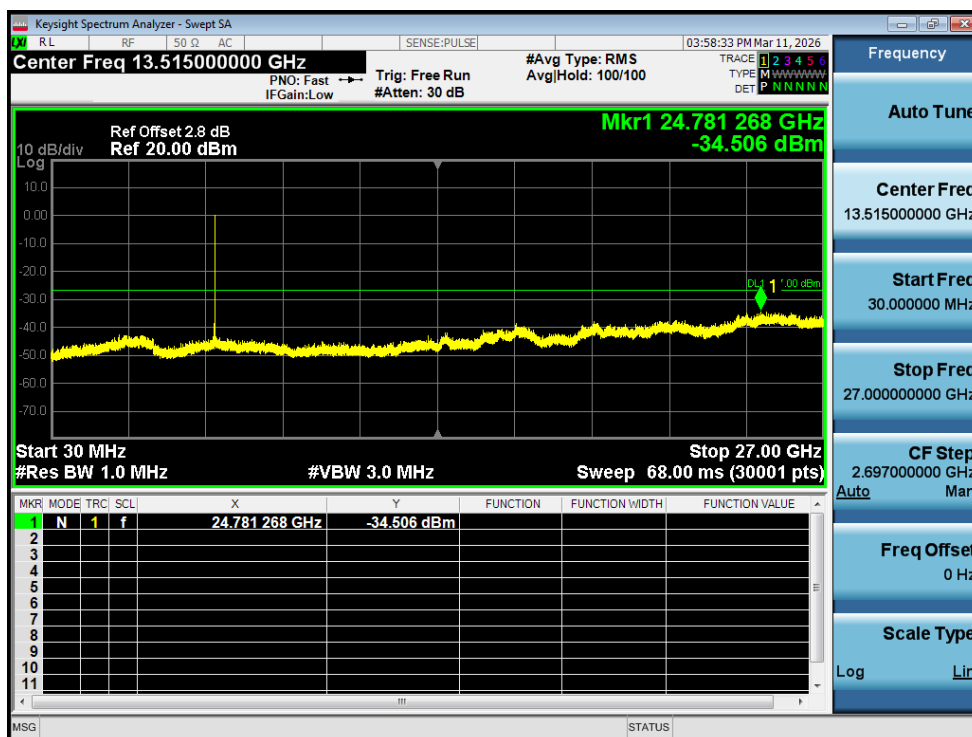
Tx. Spurious NVNT ac20 5825MHz Ant1 Emission



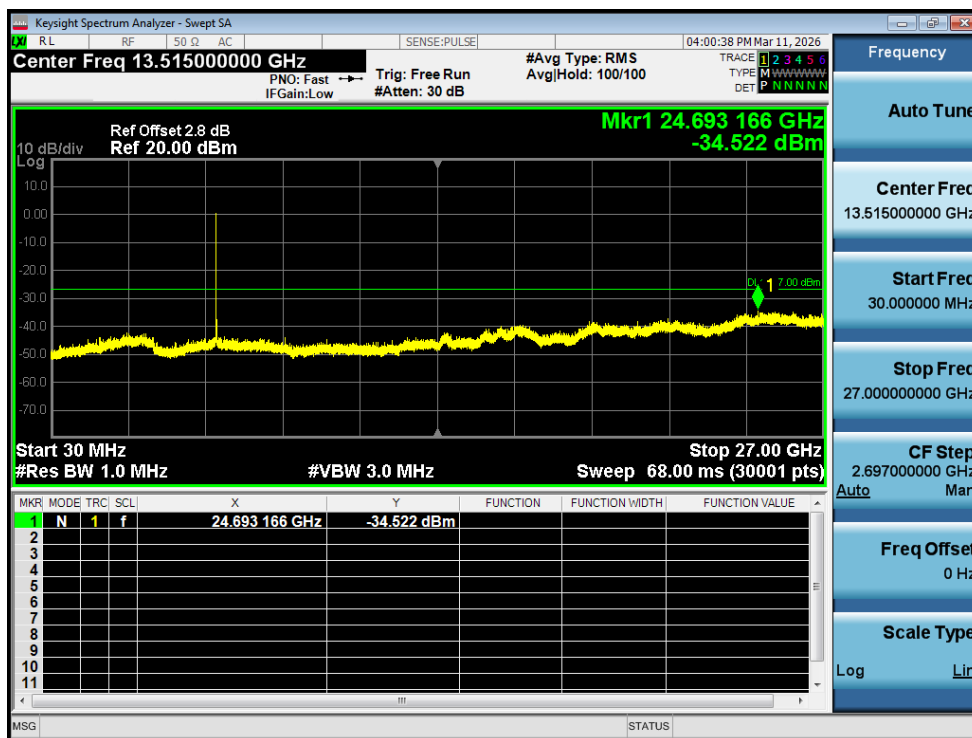
Tx. Spurious NVNT ac40 5755MHz Ant1 Emission



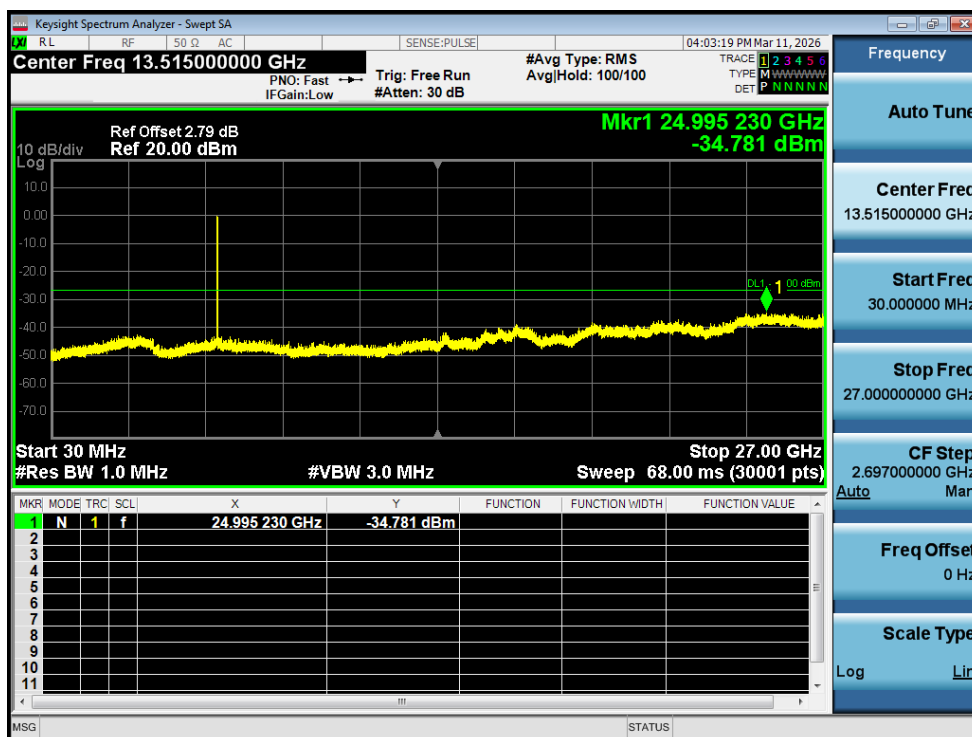
Tx. Spurious NVNT ac40 5795MHz Ant1 Emission



Tx. Spurious NVNT ax20 5745MHz Ant1 Emission



Tx. Spurious NVNT ax20 5785MHz Ant1 Emission



Tx. Spurious NVNT ax20 5825MHz Ant1 Emission