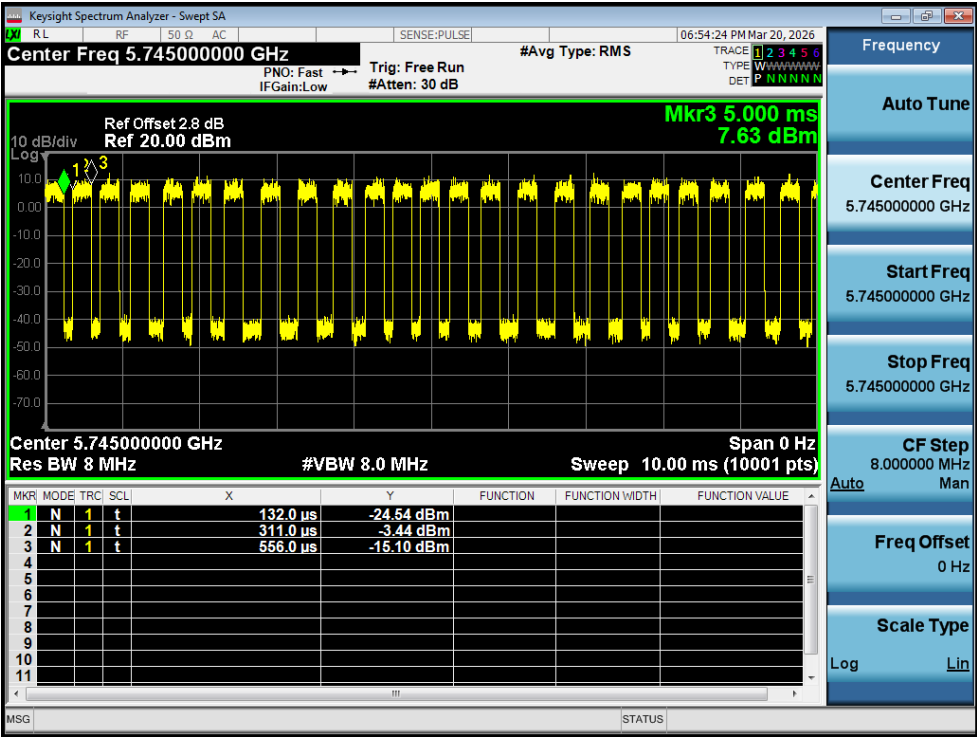
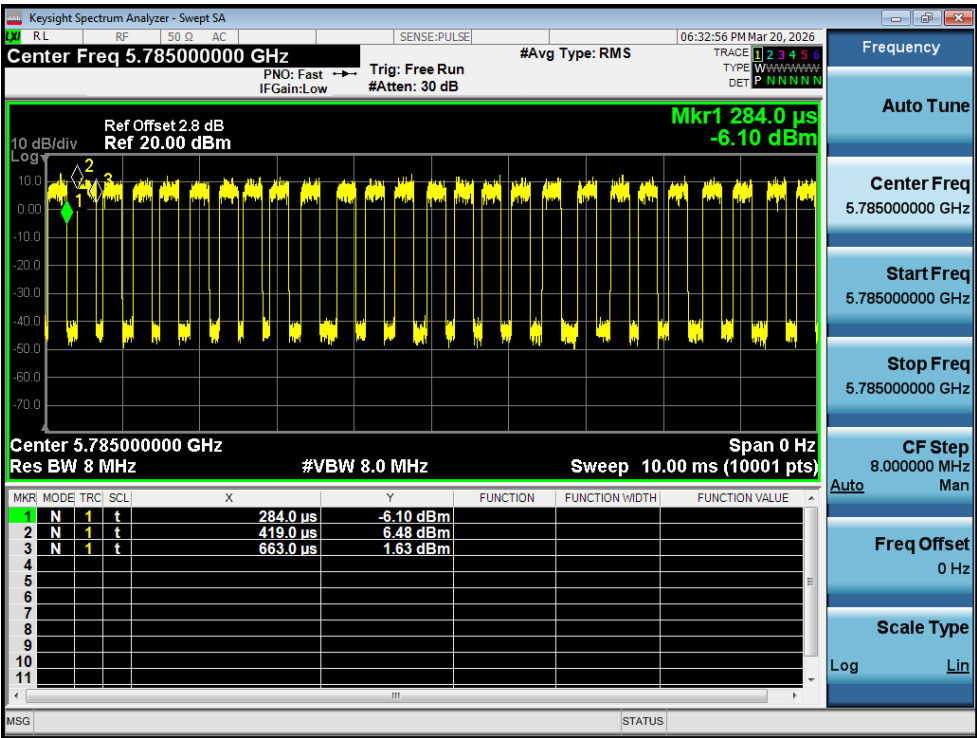


1. Duty Cycle

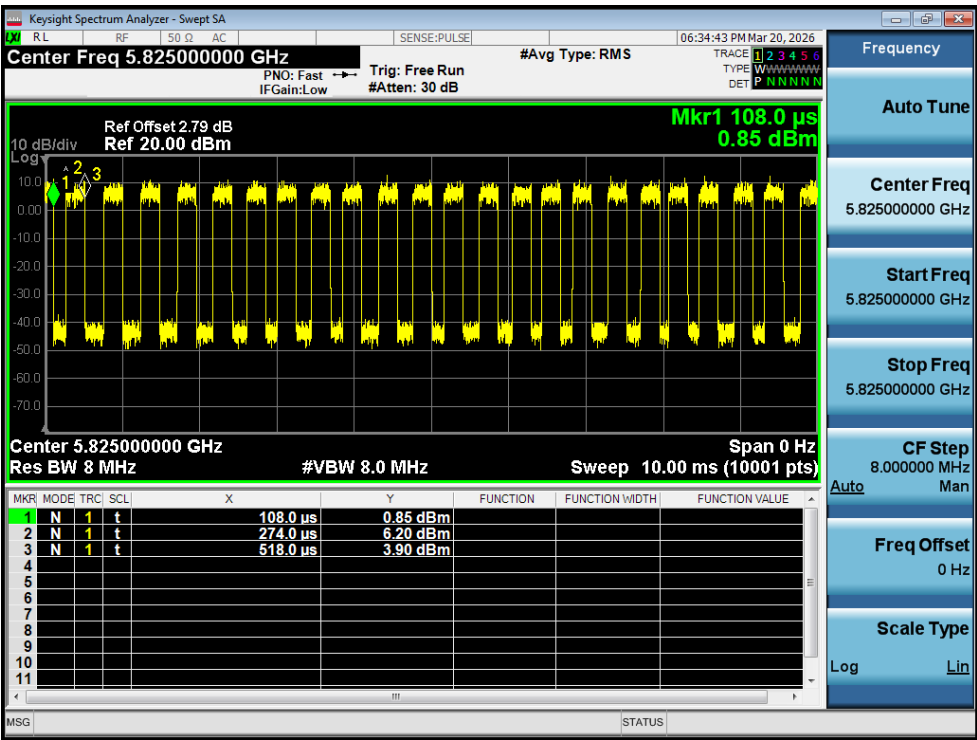
Condition	Mode	Frequency (MHz)	Antenna	Duty Cycle (%)	Correction Factor (dB)	1/T (kHz)
NVNT	a	5745	Ant1	68.54	1.64	4.1
NVNT	a	5785	Ant1	64.38	1.91	4.1
NVNT	a	5825	Ant1	59.51	2.25	4.1
NVNT	n20	5745	Ant1	59.42	2.26	4.46
NVNT	n20	5785	Ant1	75.68	1.21	4.46
NVNT	n20	5825	Ant1	75.68	1.21	4.46
NVNT	n40	5755	Ant1	48.85	3.11	7.81
NVNT	n40	5795	Ant1	52.87	2.77	7.75



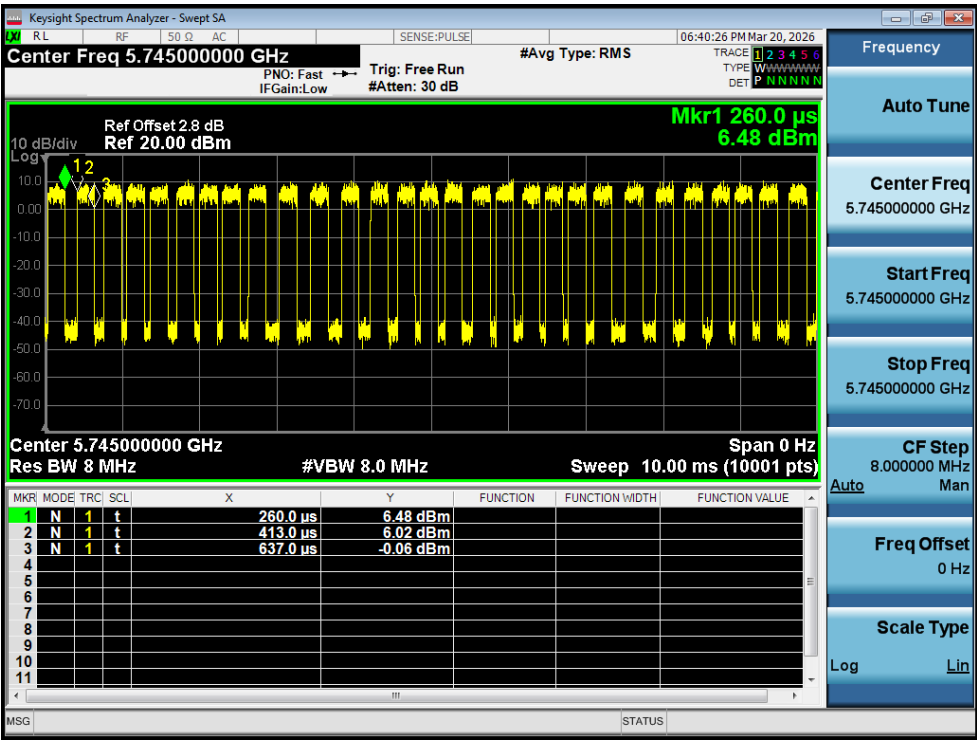
Duty Cycle NVNT a 5745MHz Ant1



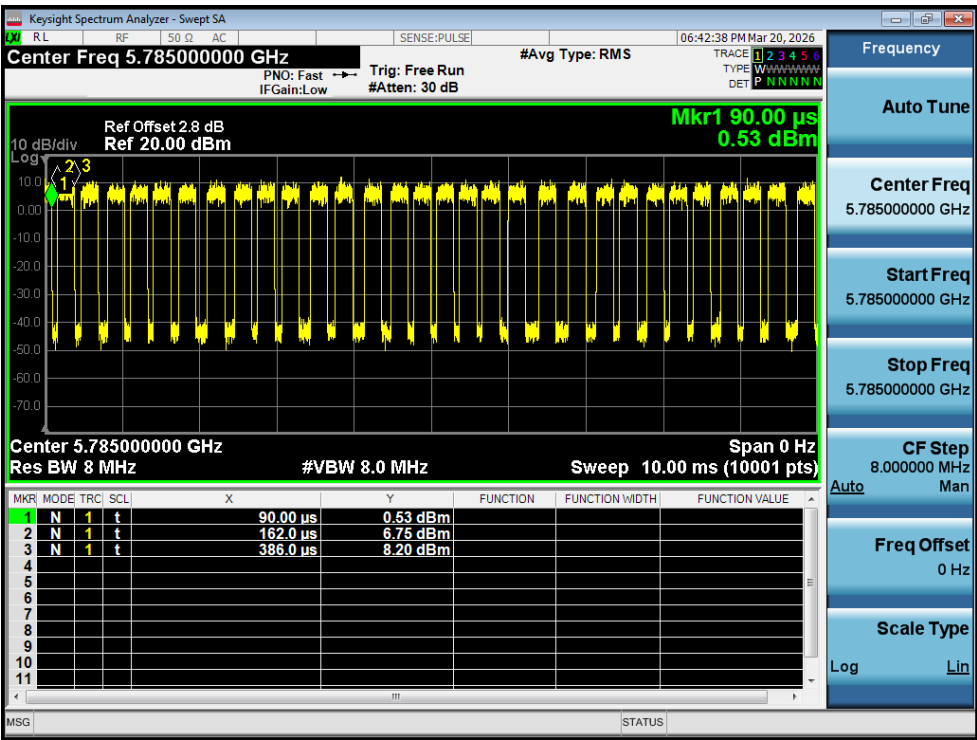
Duty Cycle NVNT a 5785MHz Ant1



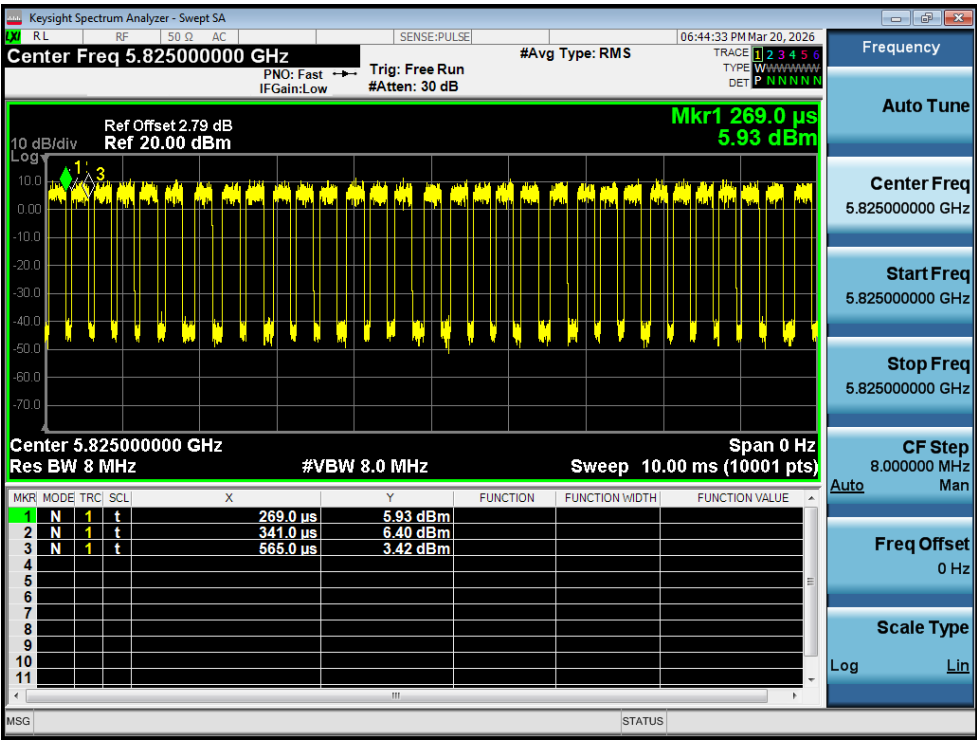
Duty Cycle NVNT a 5825MHz Ant1



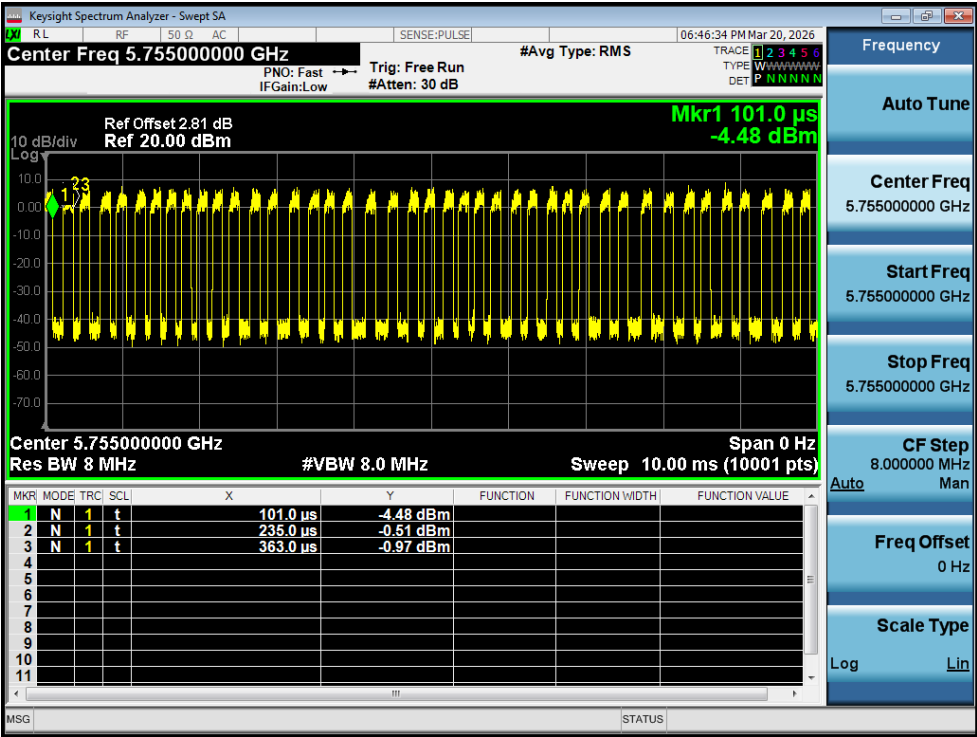
Duty Cycle NVNT n20 5745MHz Ant1



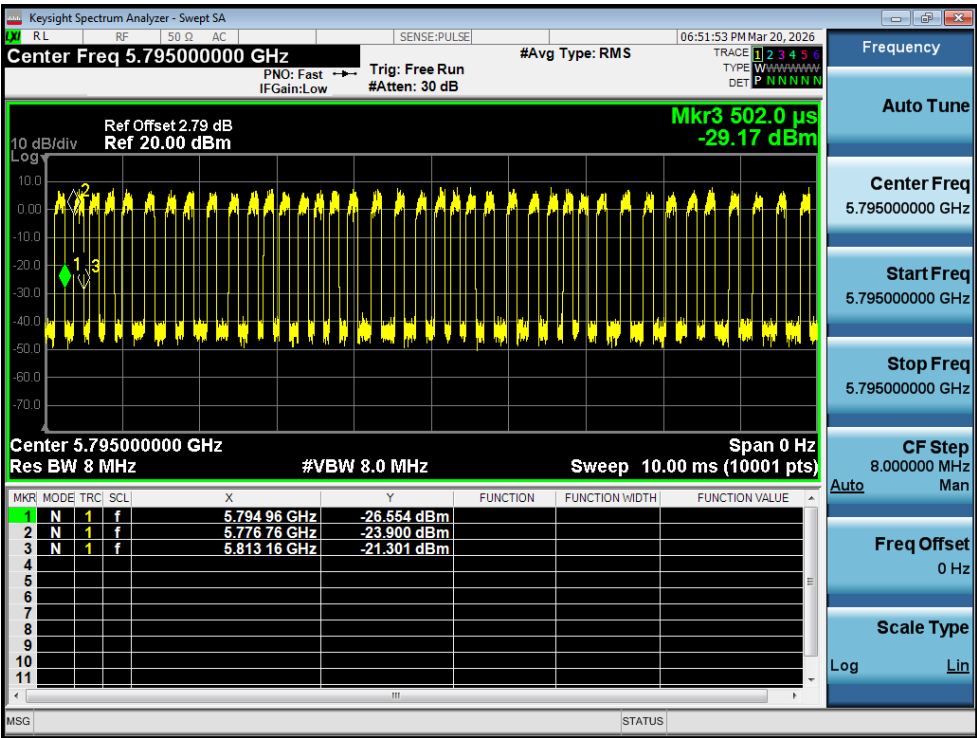
Duty Cycle NVNT n20 5785MHz Ant1



Duty Cycle NVNT n20 5825MHz Ant1



Duty Cycle NVNT n40 5755MHz Ant1

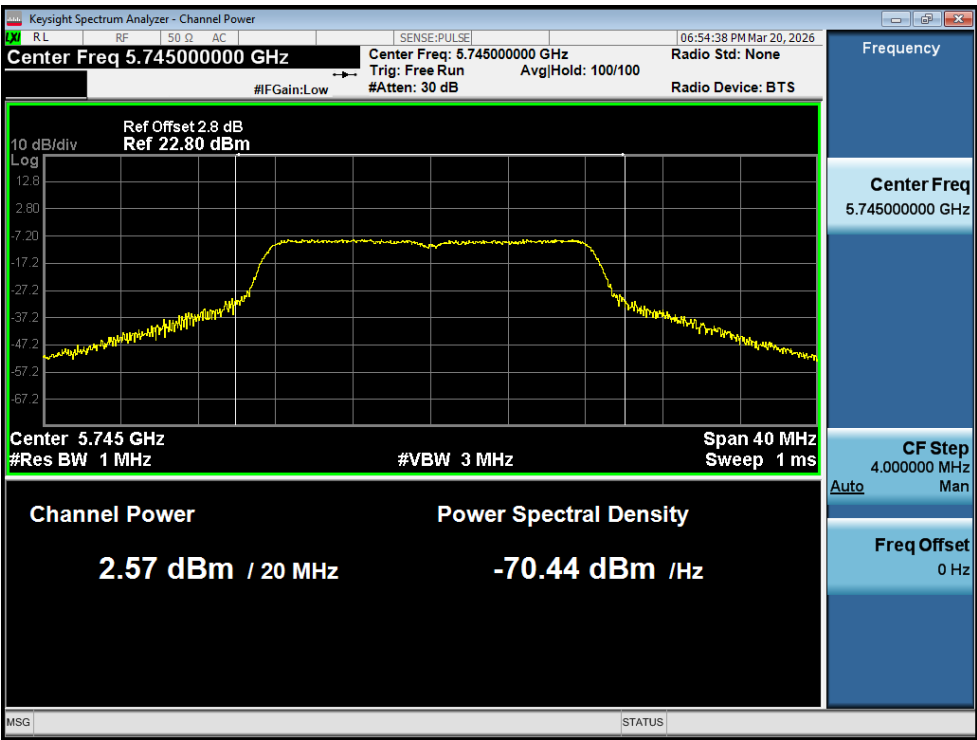


Duty Cycle NVNT n40 5795MHz Ant1

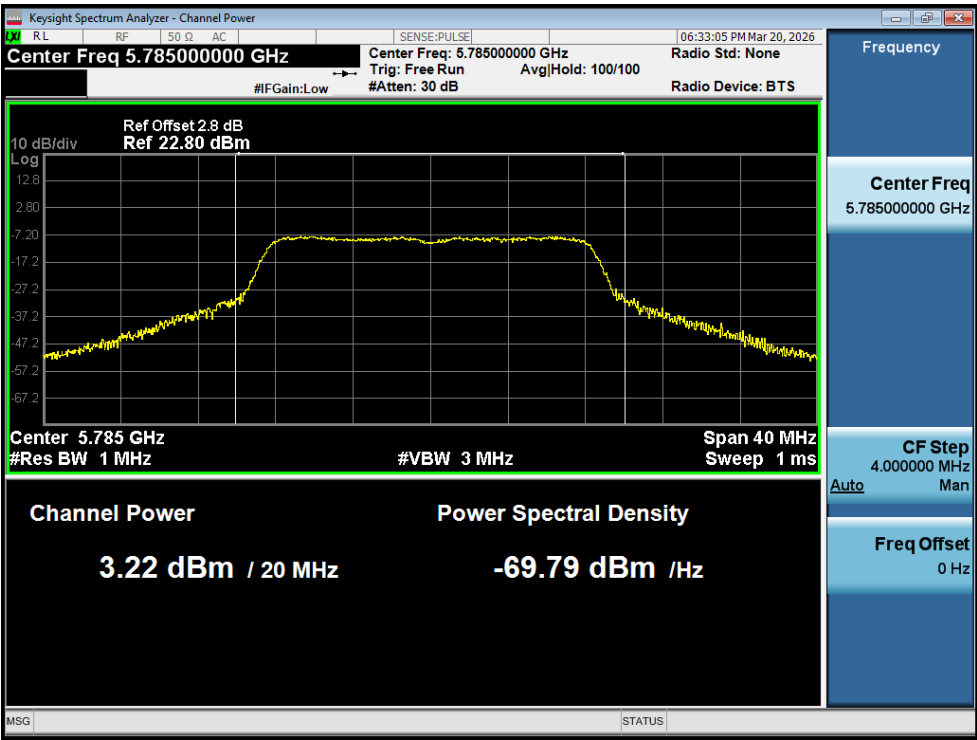
2. Maximum Conducted Output Power

Condition	Mode	Frequency (MHz)	Antenna	Conducted Power (dBm)	Duty Factor (dB)	Total Power (dBm)	Limit (dBm)	Verdict
NVNT	a	5745	Ant1	2.57	1.64	4.21	30	Pass
NVNT	a	5785	Ant1	3.22	1.91	5.13	30	Pass
NVNT	a	5825	Ant1	2.5	2.25	4.75	30	Pass
NVNT	n20	5745	Ant1	2.1	2.26	4.36	30	Pass
NVNT	n20	5785	Ant1	2.22	1.21	3.43	30	Pass
NVNT	n20	5825	Ant1	1.18	1.21	2.39	30	Pass
NVNT	n40	5755	Ant1	2.02	3.11	5.13	30	Pass
NVNT	n40	5795	Ant1	2	2.77	4.77	30	Pass

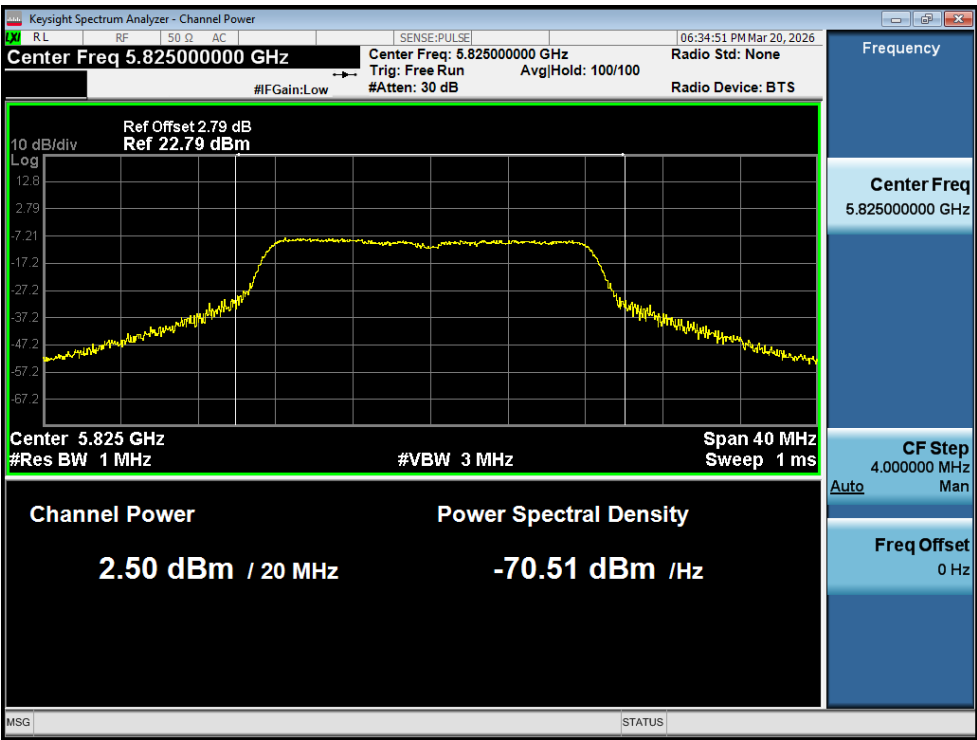
Note: Total power=Conducted power + Duty factor



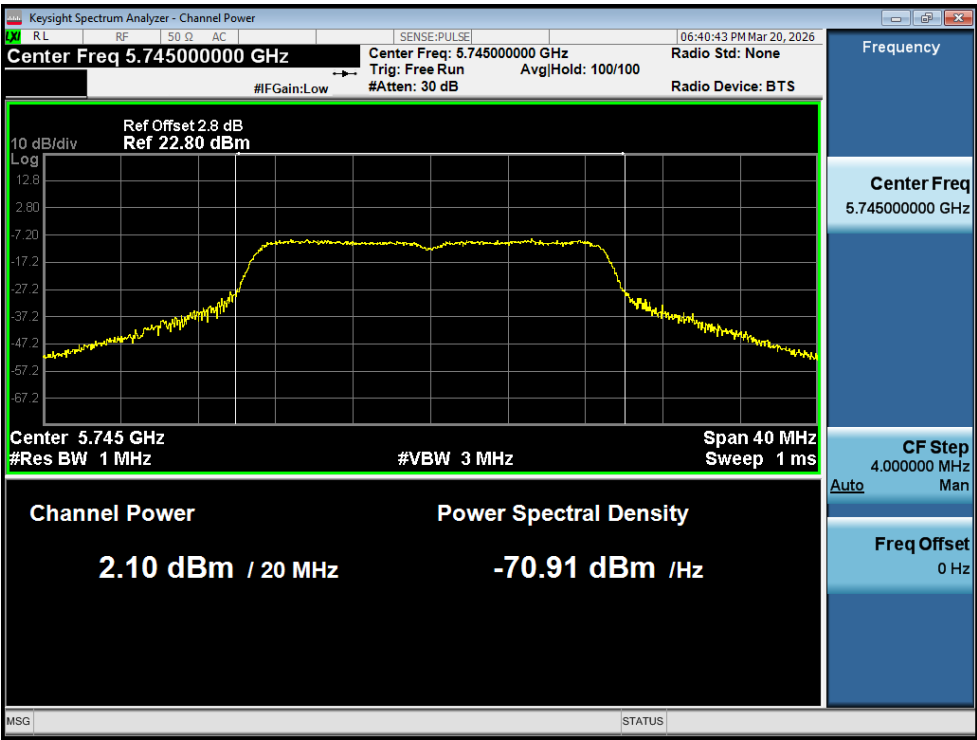
Power NVNT a 5745MHz Ant1



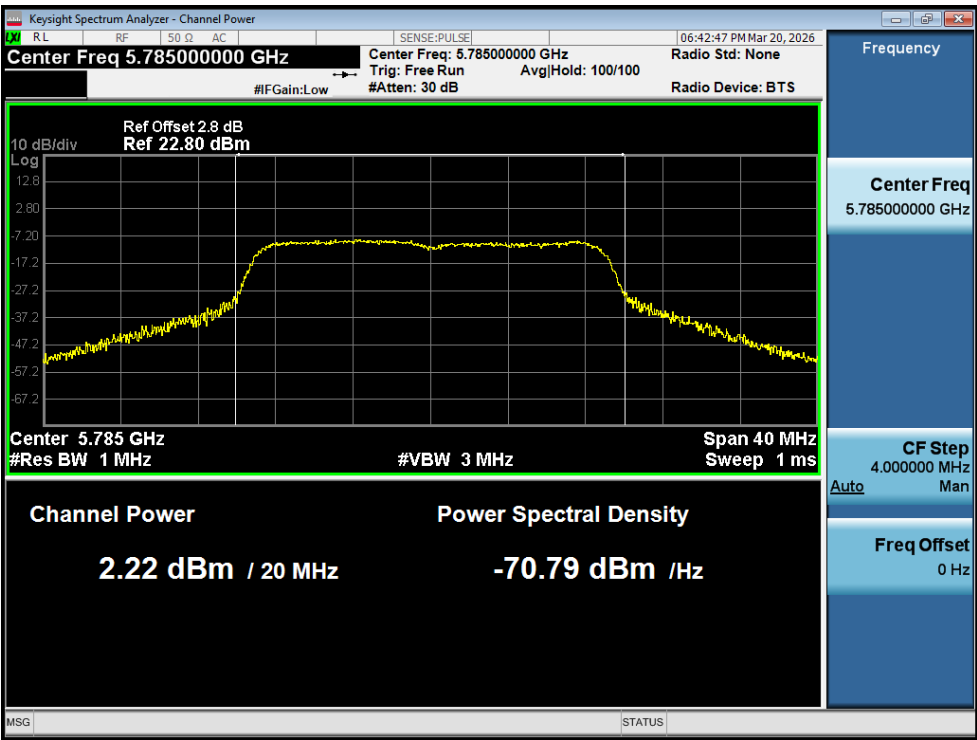
Power NVNT a 5785MHz Ant1



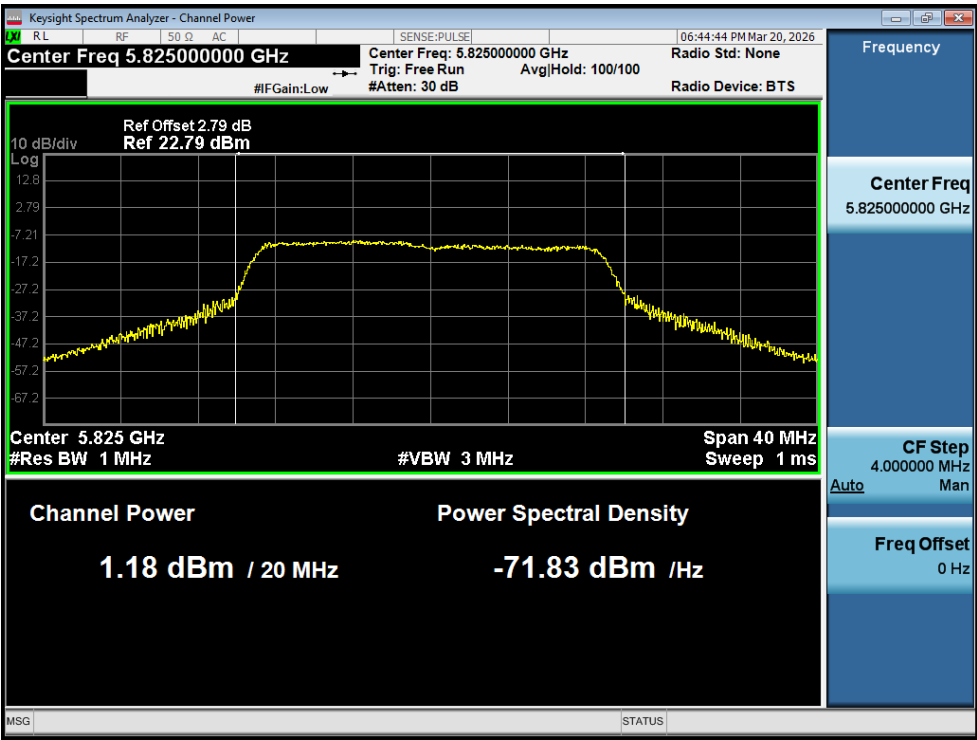
Power NVNT a 5825MHz Ant1



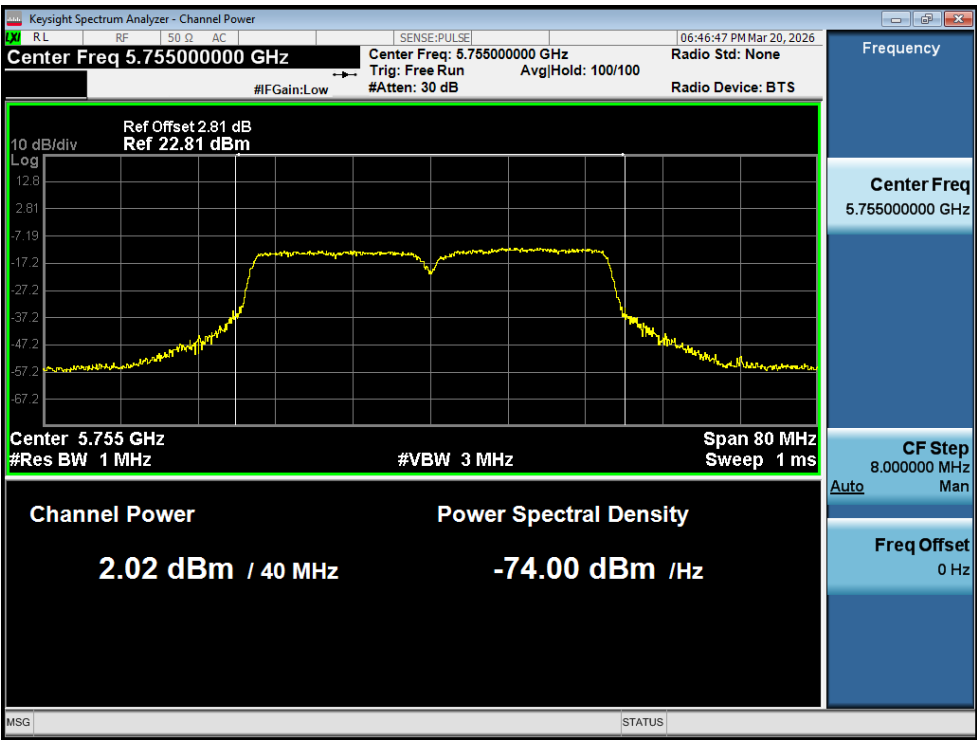
Power NVNT n20 5745MHz Ant1



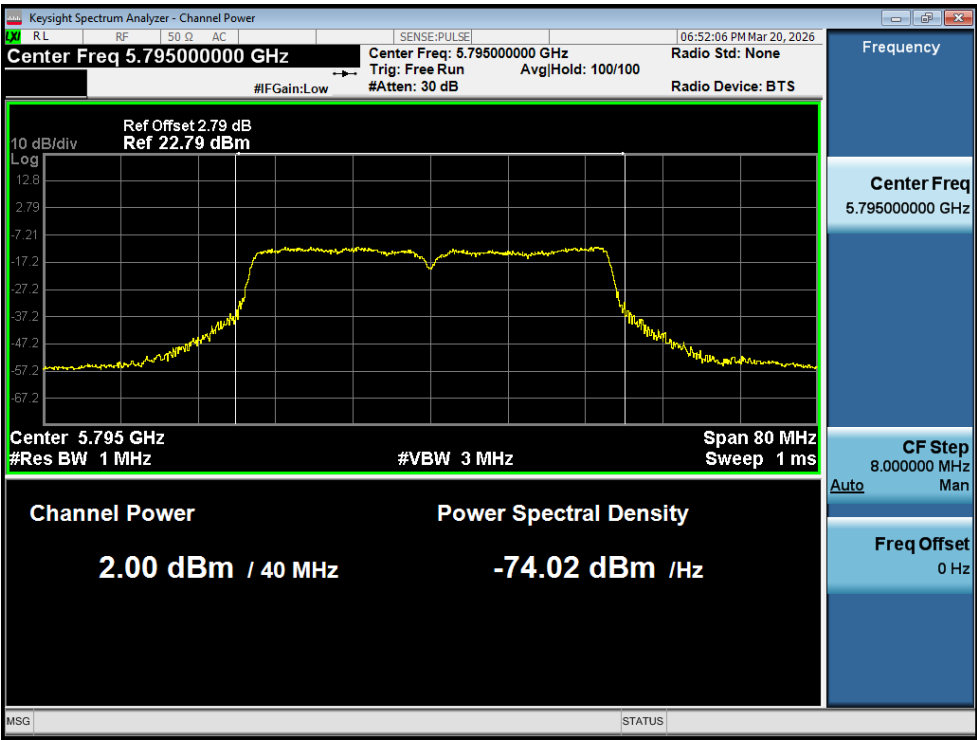
Power NVNT n20 5785MHz Ant1



Power NVNT n20 5825MHz Ant1



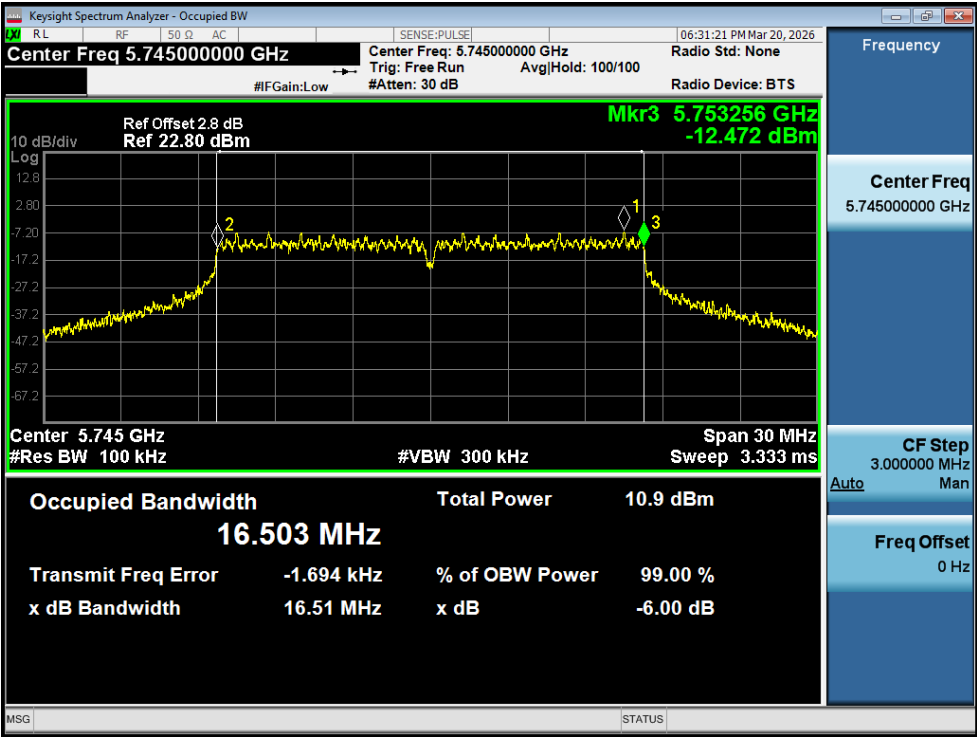
Power NVNT n40 5755MHz Ant1



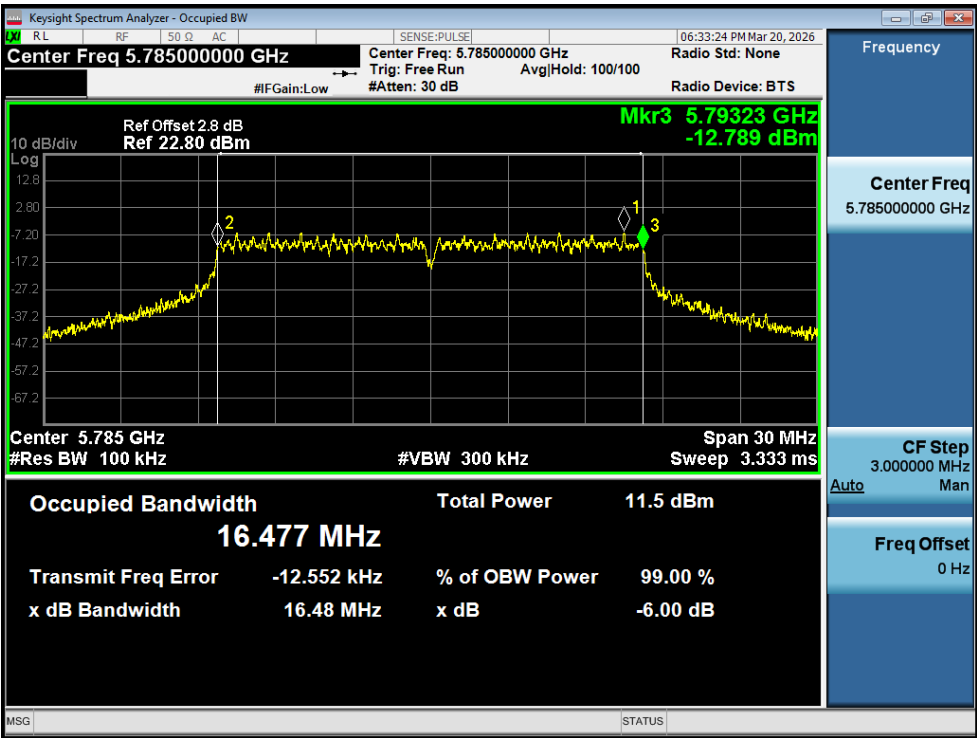
Power NVNT n40 5795MHz Ant1

3. -6dB Bandwidth

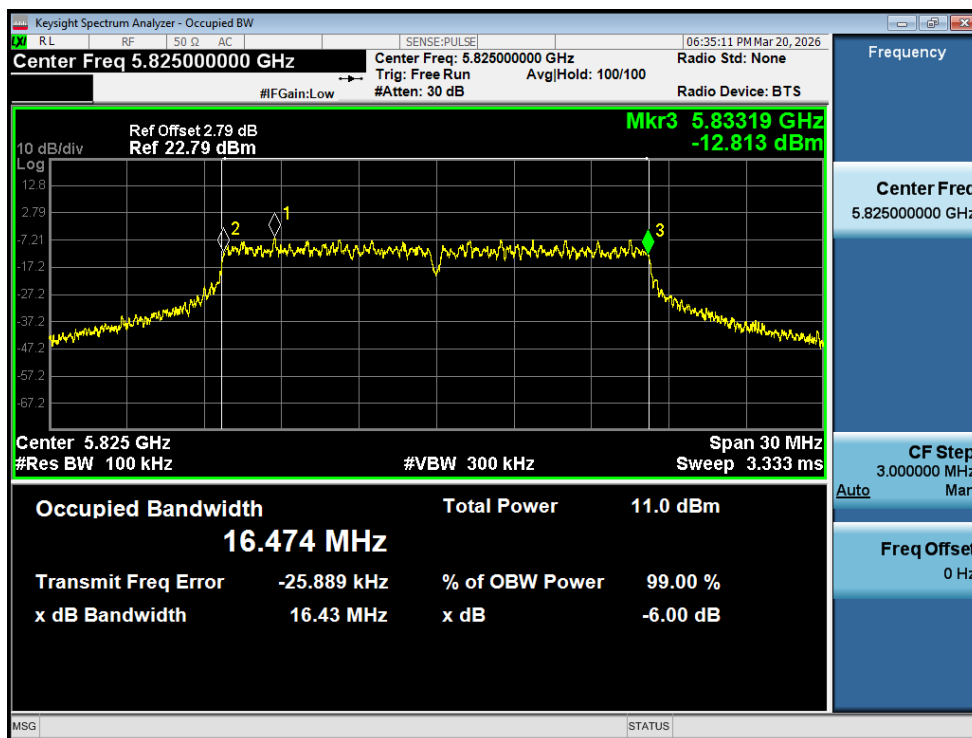
Condition	Mode	Frequency (MHz)	Antenna	-6 dB Bandwidth (MHz)	Limit -6 dB Bandwidth (MHz)	Verdict
NVNT	a	5745	Ant1	16.515	0.5	Pass
NVNT	a	5785	Ant1	16.484	0.5	Pass
NVNT	a	5825	Ant1	16.432	0.5	Pass
NVNT	n20	5745	Ant1	17.71	0.5	Pass
NVNT	n20	5785	Ant1	17.672	0.5	Pass
NVNT	n20	5825	Ant1	17.645	0.5	Pass
NVNT	n40	5755	Ant1	36.395	0.5	Pass
NVNT	n40	5795	Ant1	36.482	0.5	Pass



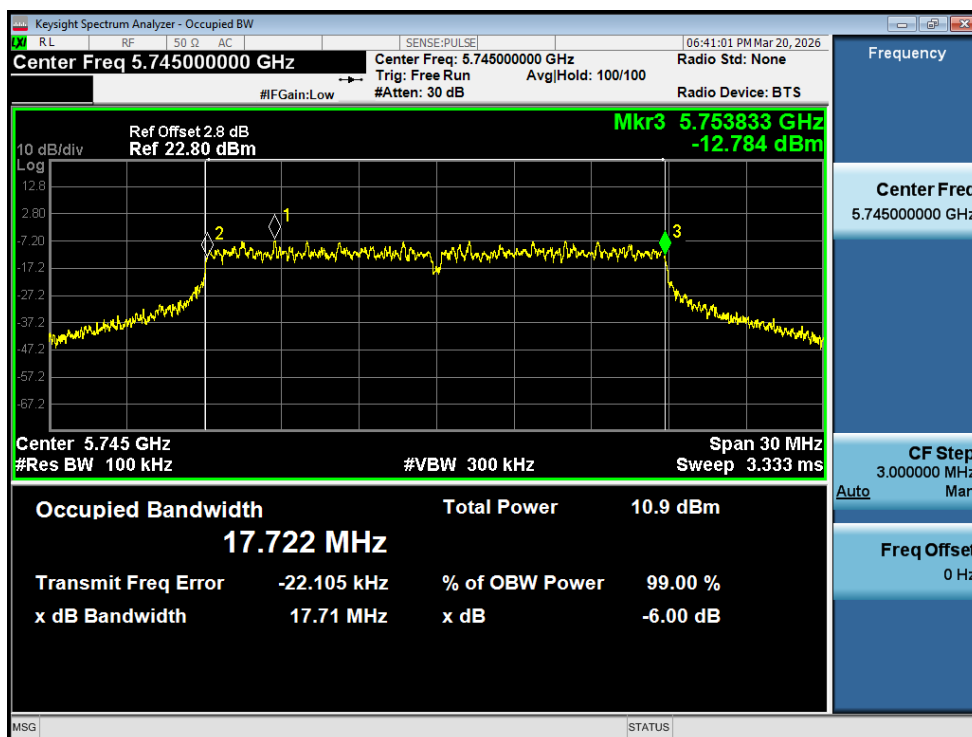
-6dB Bandwidth NVNT a 5745MHz Ant1



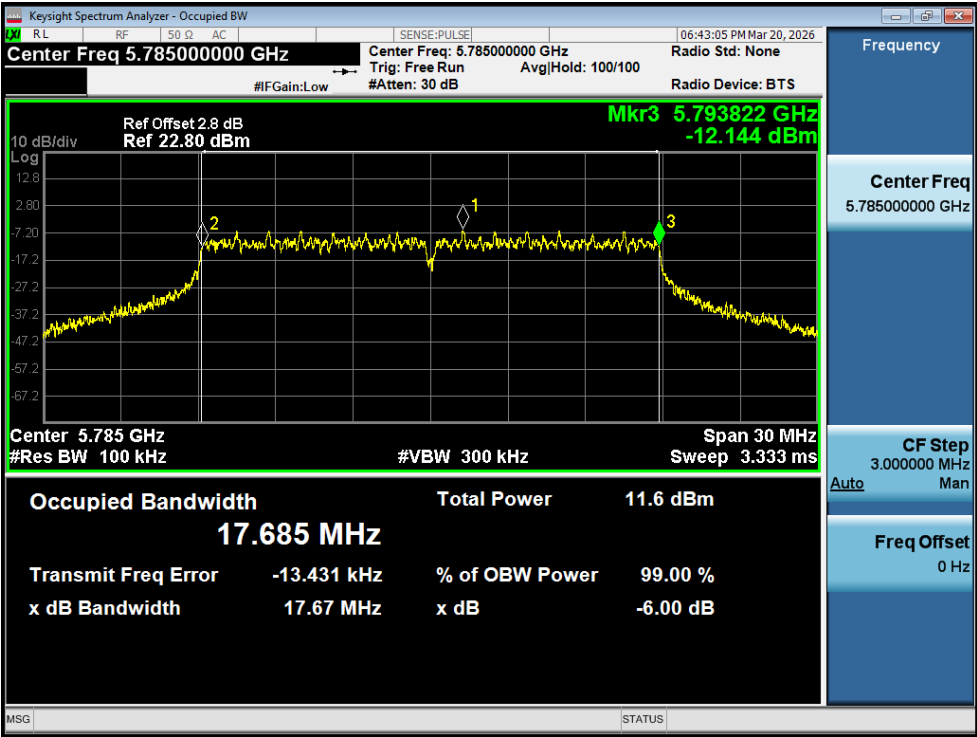
-6dB Bandwidth NVNT a 5785MHz Ant1



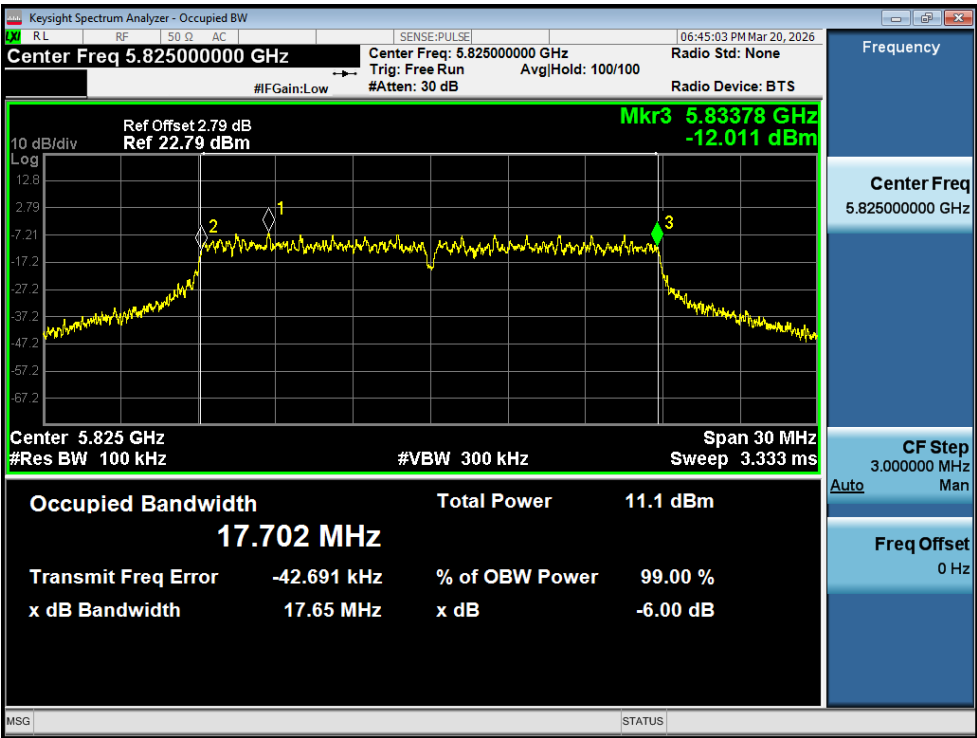
-6dB Bandwidth NVNT a 5825MHz Ant1



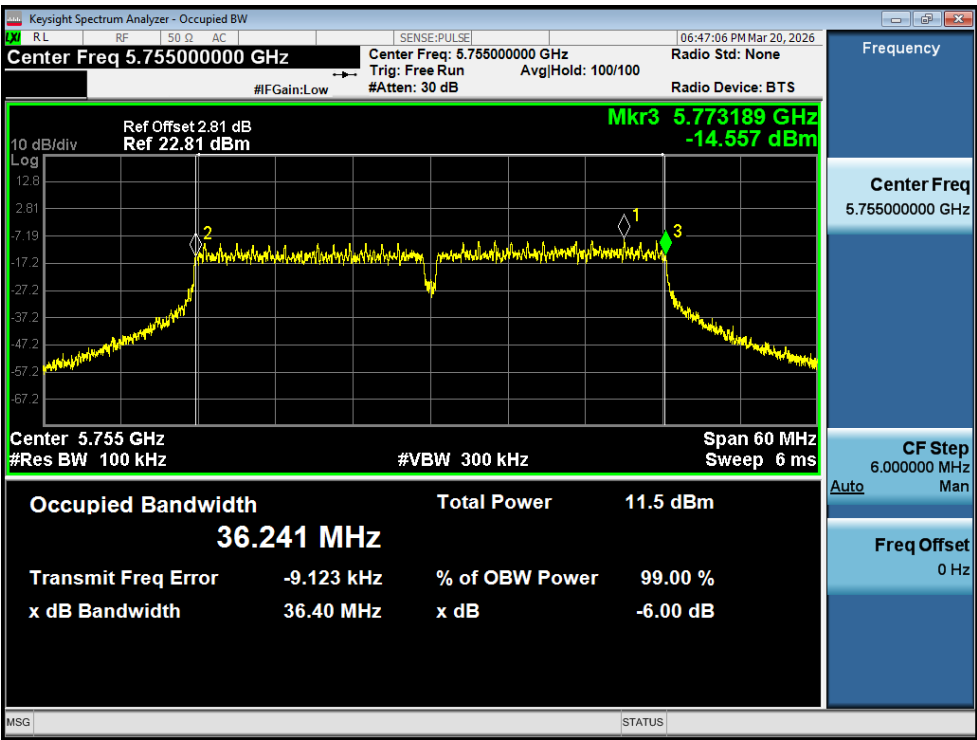
-6dB Bandwidth NVNT n20 5745MHz Ant1



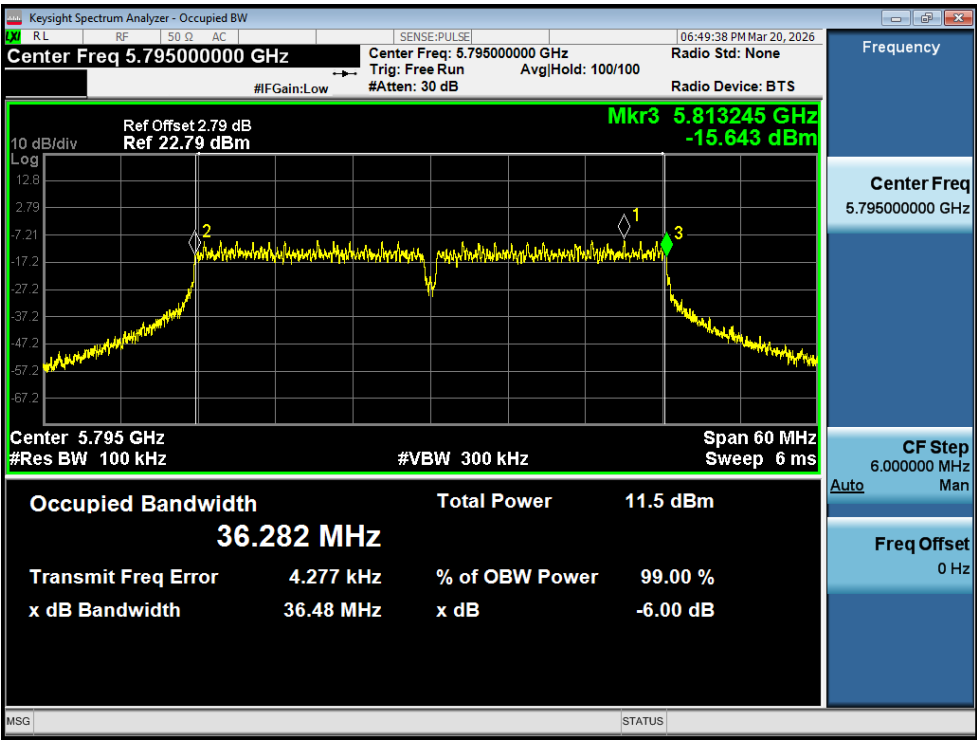
-6dB Bandwidth NVNT n20 5785MHz Ant1



-6dB Bandwidth NVNT n20 5825MHz Ant1



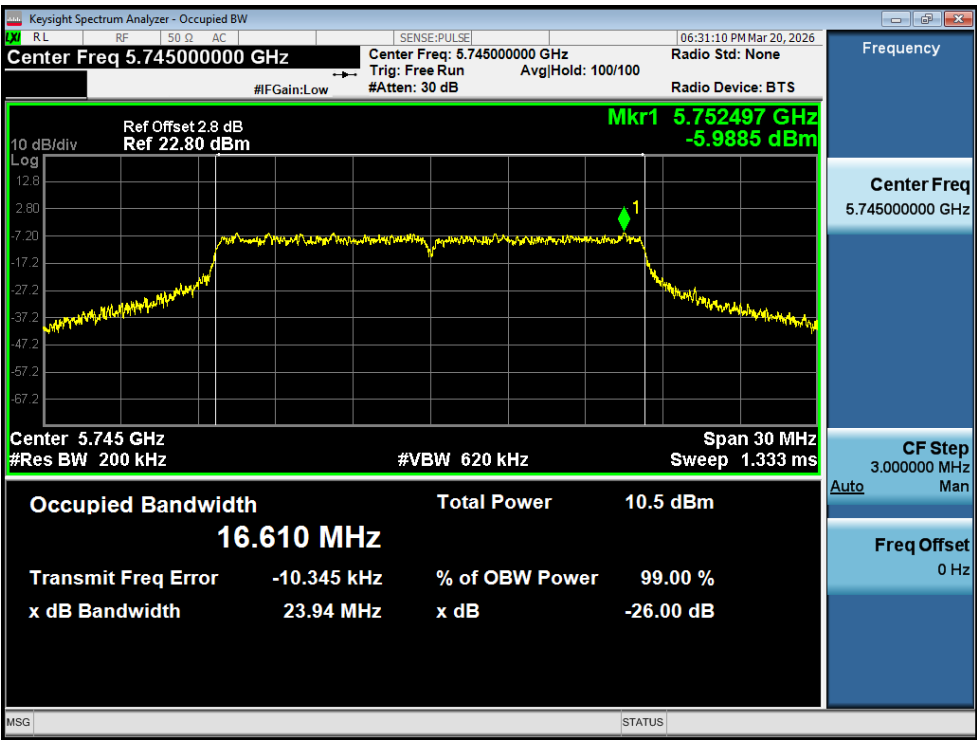
-6dB Bandwidth NVNT n40 5755MHz Ant1



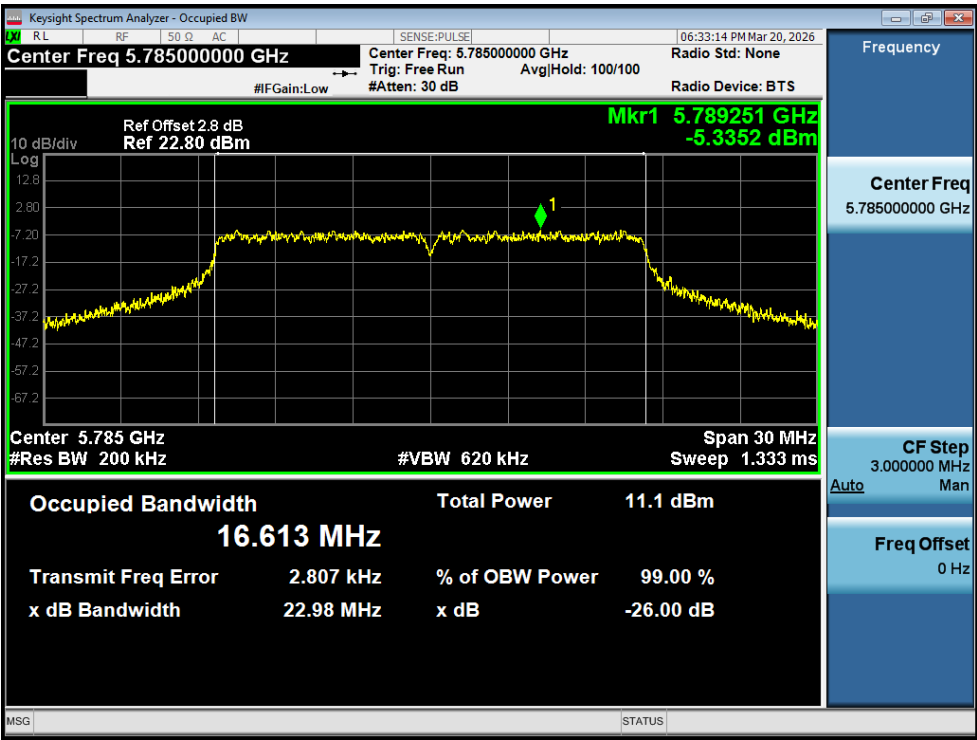
-6dB Bandwidth NVNT n40 5795MHz Ant1

4. Occupied Channel Bandwidth

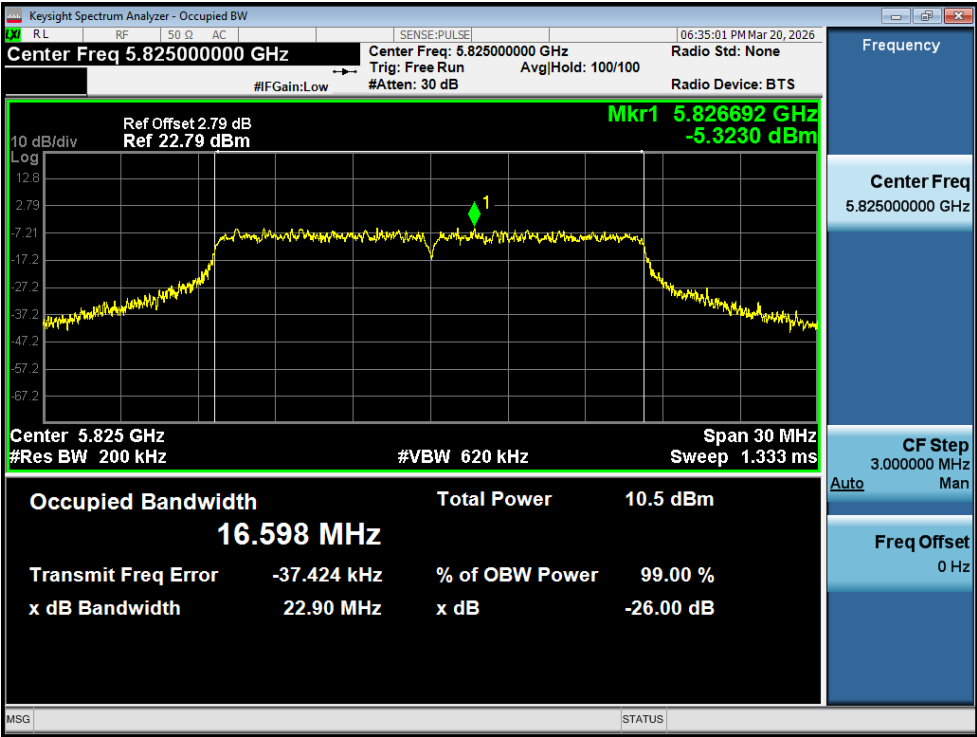
Condition	Mode	Frequency (MHz)	Antenna	99% OBW (MHz)
NVNT	a	5745	Ant1	16.61
NVNT	a	5785	Ant1	16.613
NVNT	a	5825	Ant1	16.598
NVNT	n20	5745	Ant1	17.838
NVNT	n20	5785	Ant1	17.812
NVNT	n20	5825	Ant1	17.838
NVNT	n40	5755	Ant1	36.454
NVNT	n40	5795	Ant1	36.497



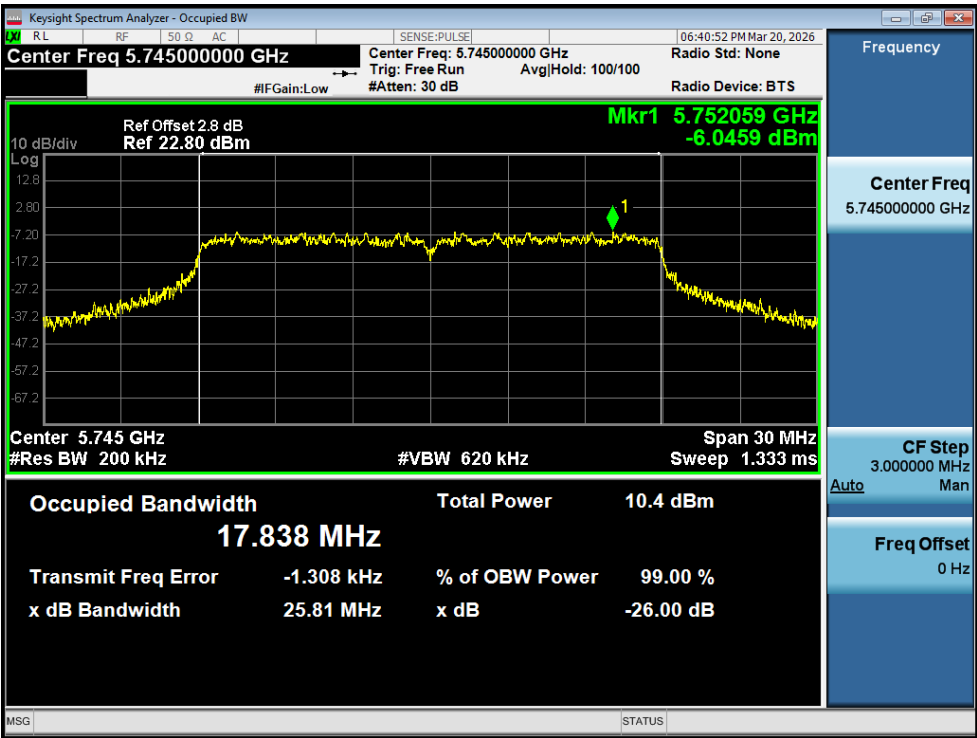
OBW NVNT a 5745MHz Ant1



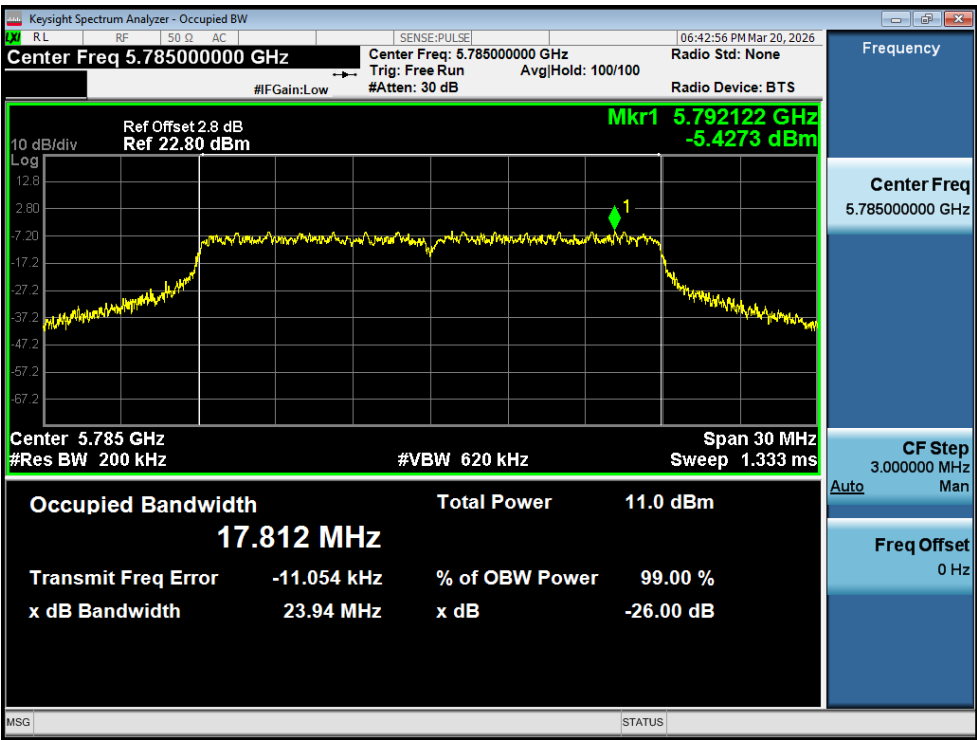
OBW NVNT a 5785MHz Ant1



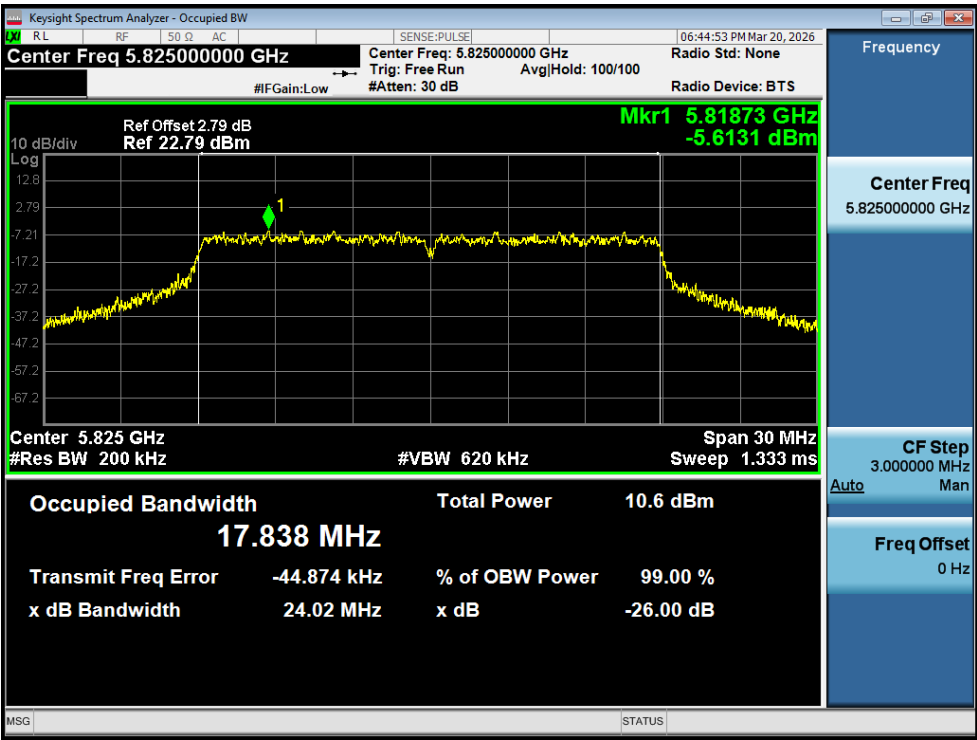
OBW NVNT a 5825MHz Ant1



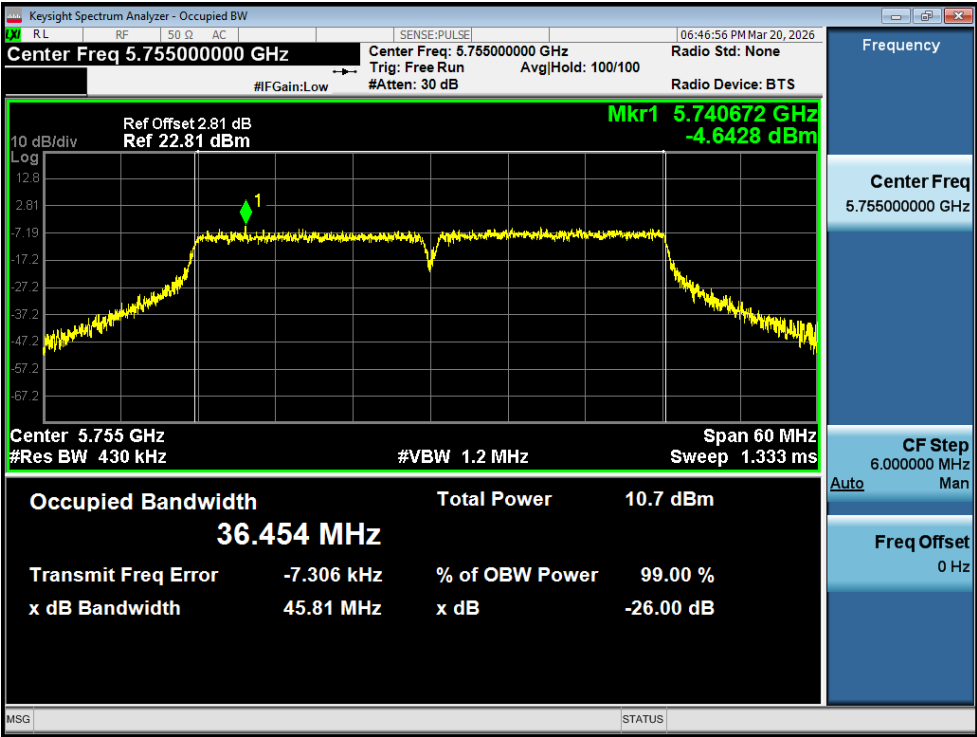
OBW NVNT n20 5745MHz Ant1



OBW NVNT n20 5785MHz Ant1



OBW NVNT n20 5825MHz Ant1



OBW NVNT n40 5755MHz Ant1

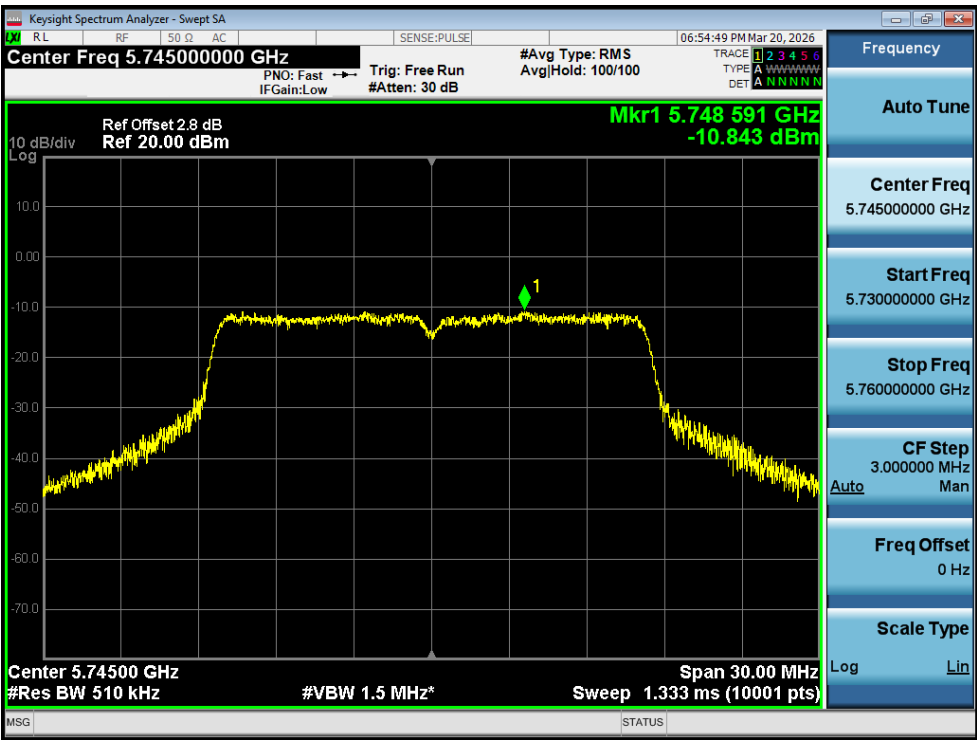


OBW NVNT n40 5795MHz Ant1

5. Maximum Power Spectral Density Level

Condition	Mode	Frequency (MHz)	Antenna	Conducted PSD (dBm/510kHz)	Duty Factor (dB)	10log (510/500)	Total PSD dBm/500kHz	Limit (dBm/500KHz)	Verdict
NVNT	a	5745	Ant1	-10.84	1.64	0.086	-9.29	30	Pass
NVNT	a	5785	Ant1	-10.25	1.91	0.086	-8.43	30	Pass
NVNT	a	5825	Ant1	-10	2.25	0.086	-7.84	30	Pass
NVNT	n20	5745	Ant1	-11.01	2.26	0.086	-8.84	30	Pass
NVNT	n20	5785	Ant1	-10.87	1.21	0.086	-9.75	30	Pass
NVNT	n20	5825	Ant1	-11.07	1.21	0.086	-9.95	30	Pass
NVNT	n40	5755	Ant1	-13.96	3.11	0.086	-10.94	30	Pass
NVNT	n40	5795	Ant1	-14.08	2.77	0.086	-11.40	30	Pass

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



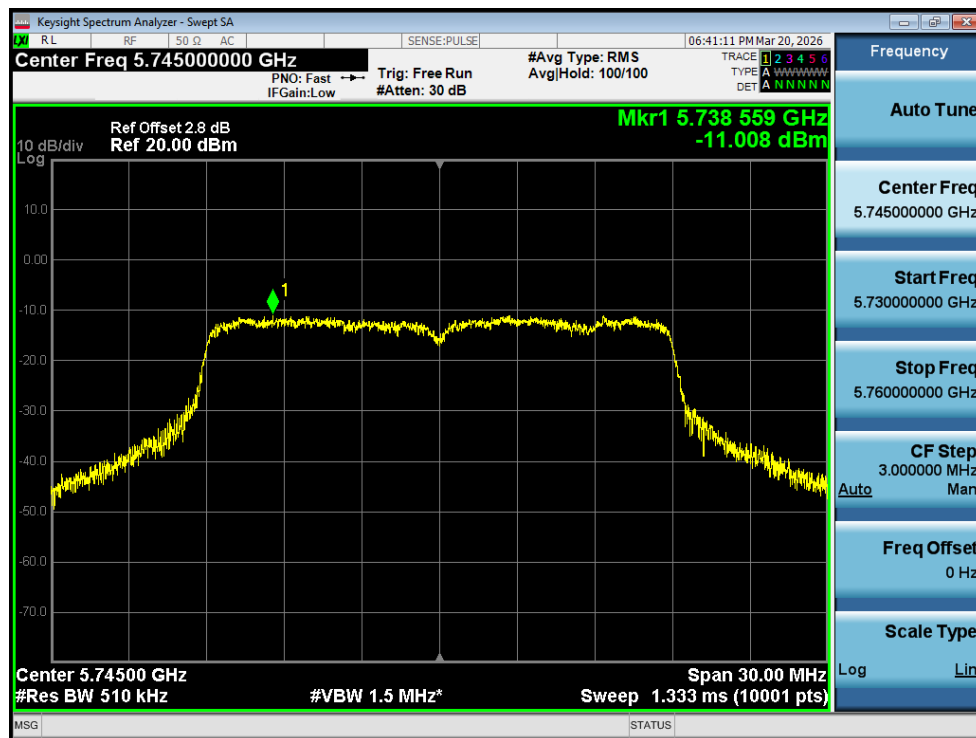
PSD NVNT a 5745MHz Ant1



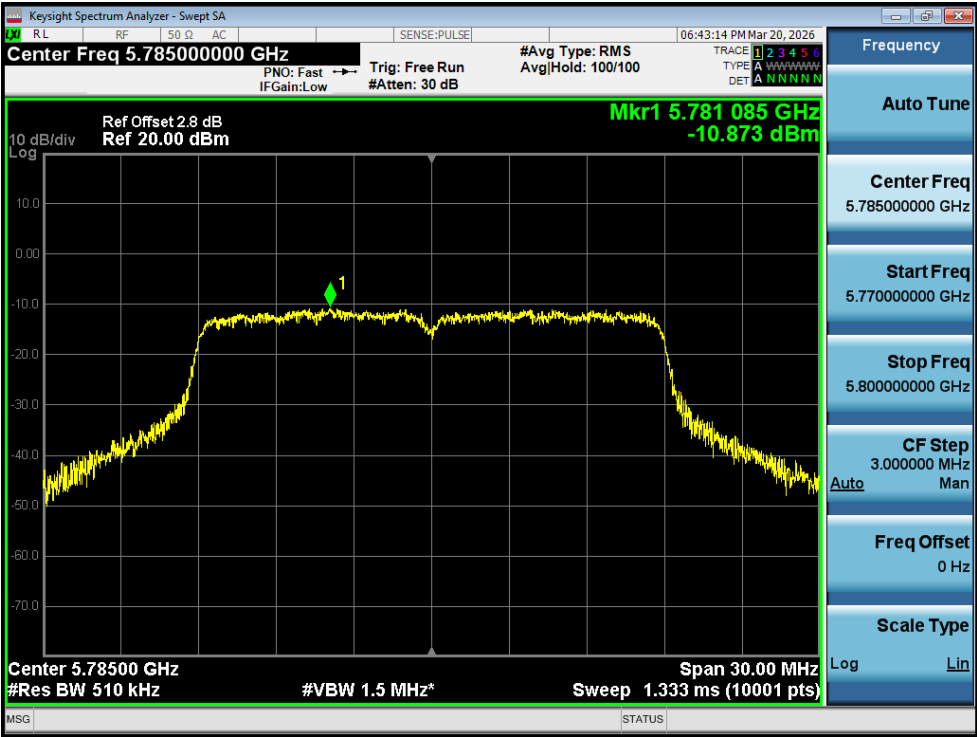
PSD NVNT a 5785MHz Ant1



PSD NVNT a 5825MHz Ant1



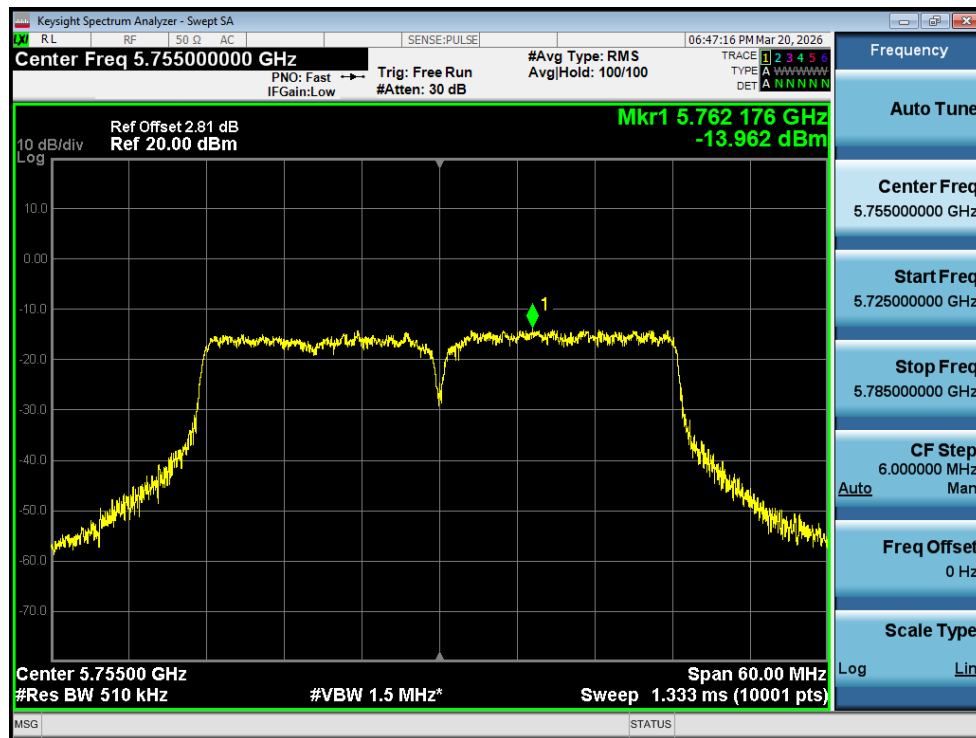
PSD NVNT n20 5745MHz Ant1



PSD NVNT n20 5785MHz Ant1



PSD NVNT n20 5825MHz Ant1



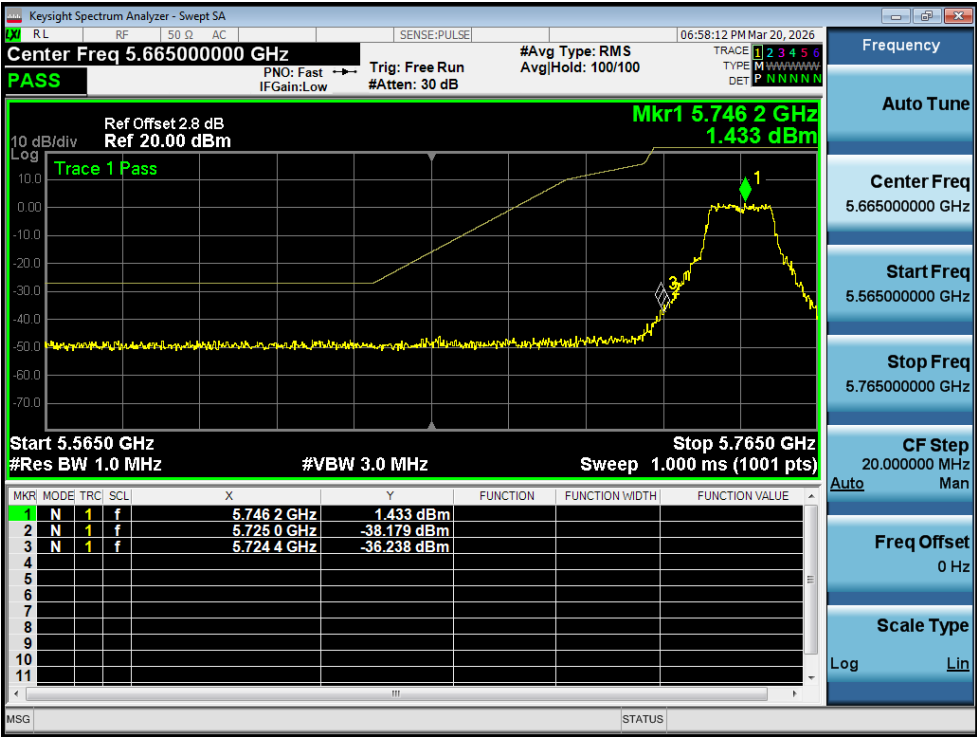
PSD NVNT n40 5755MHz Ant1



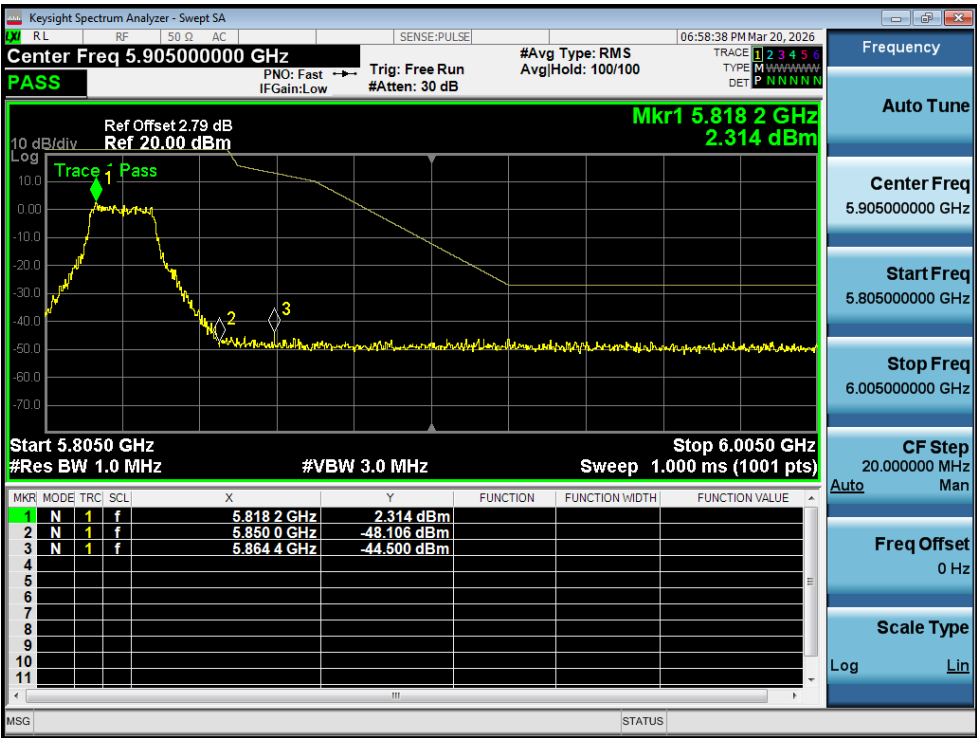
PSD NVNT n40 5795MHz Ant1

6. Band Edge

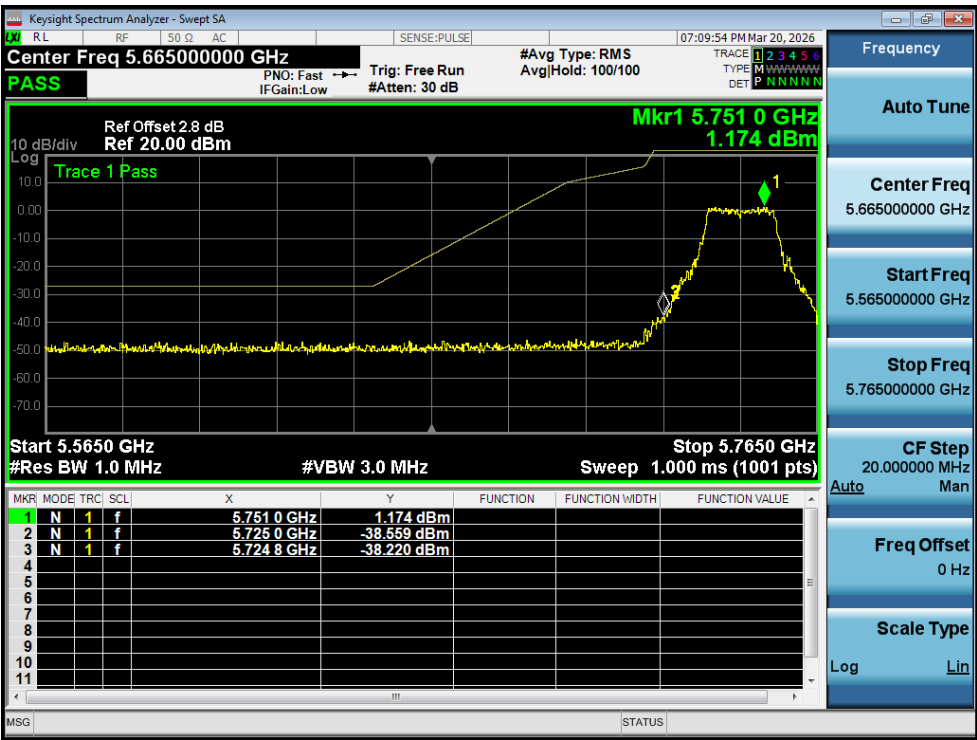
Condition	Mode	Frequency (MHz)	Antenna	Max Value (dBm)	Verdict
NVNT	a	5745	Ant1	-36.23	Pass
NVNT	a	5825	Ant1	-44.5	Pass
NVNT	n20	5745	Ant1	-38.22	Pass
NVNT	n20	5825	Ant1	-46.23	Pass
NVNT	n40	5755	Ant1	-36.48	Pass
NVNT	n40	5795	Ant1	-45.77	Pass



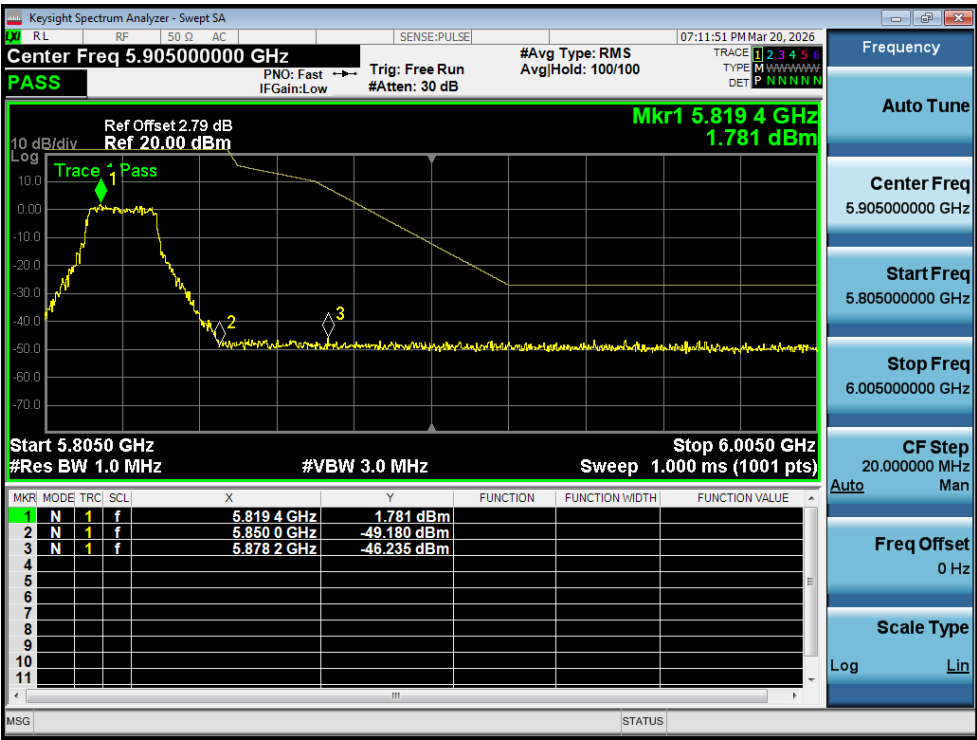
Band Edge NVNT a 5745MHz Low Ant1



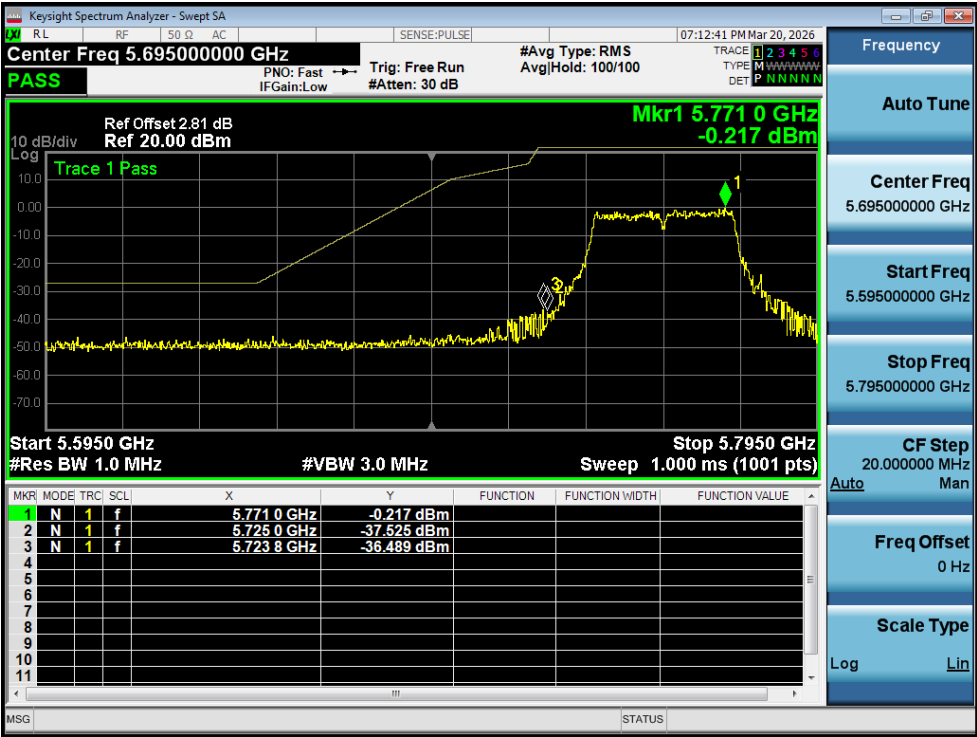
Band Edge NVNT a 5825MHz High Ant1



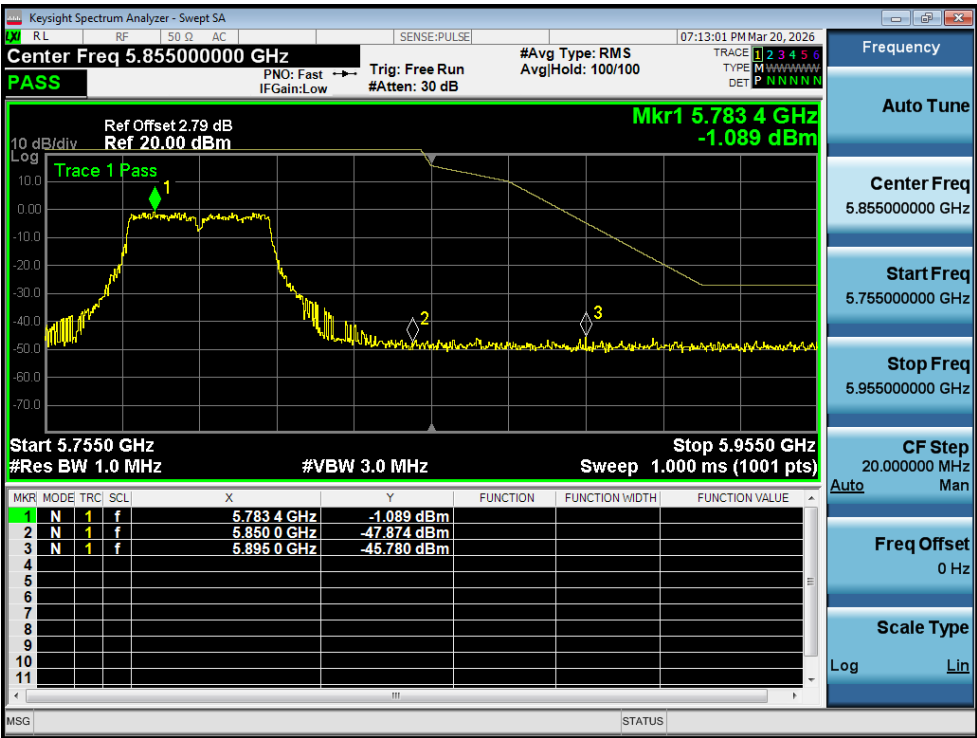
Band Edge NVNT n20 5745MHz Low Ant1



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	-34.48	-27	Pass
NVNT	a	5785	Ant1	-34.34	-27	Pass
NVNT	a	5825	Ant1	-34.26	-27	Pass
NVNT	n20	5745	Ant1	-34.51	-27	Pass
NVNT	n20	5785	Ant1	-34.43	-27	Pass
NVNT	n20	5825	Ant1	-34.06	-27	Pass
NVNT	n40	5755	Ant1	-34.12	-27	Pass
NVNT	n40	5795	Ant1	-34.37	-27	Pass

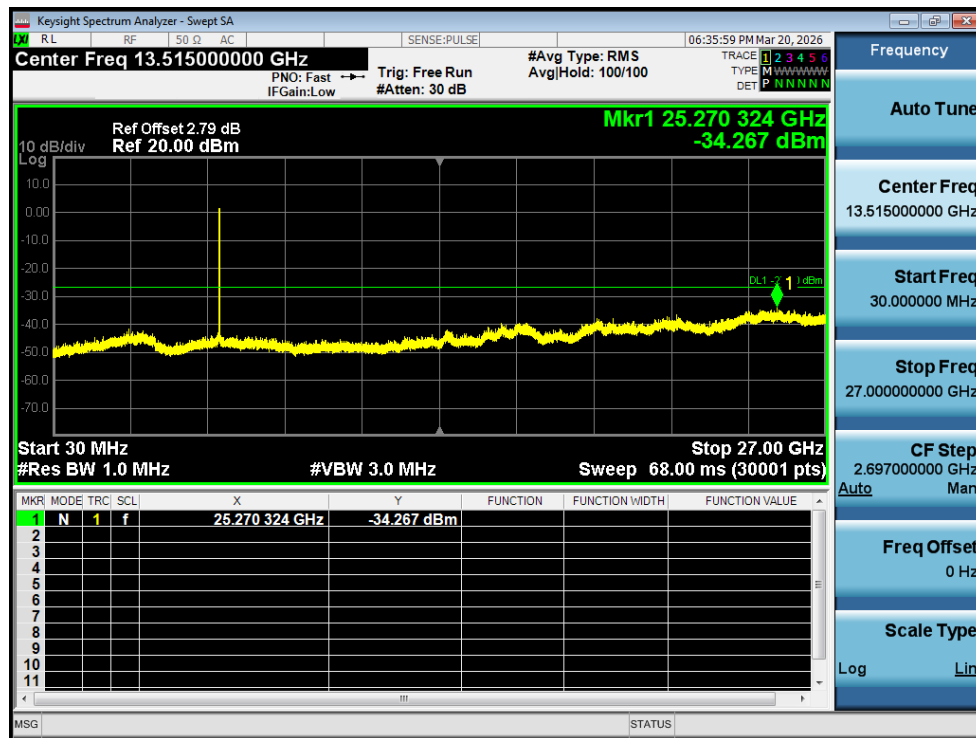
Note: Testing is carried out with frequency rang 30MHz to the 40GHz, above 27GHz not recorded for no spurious point have a margin of less than 20dB with respect to the limits.



Tx. Spurious NVNT a 5745MHz Ant1 Emission



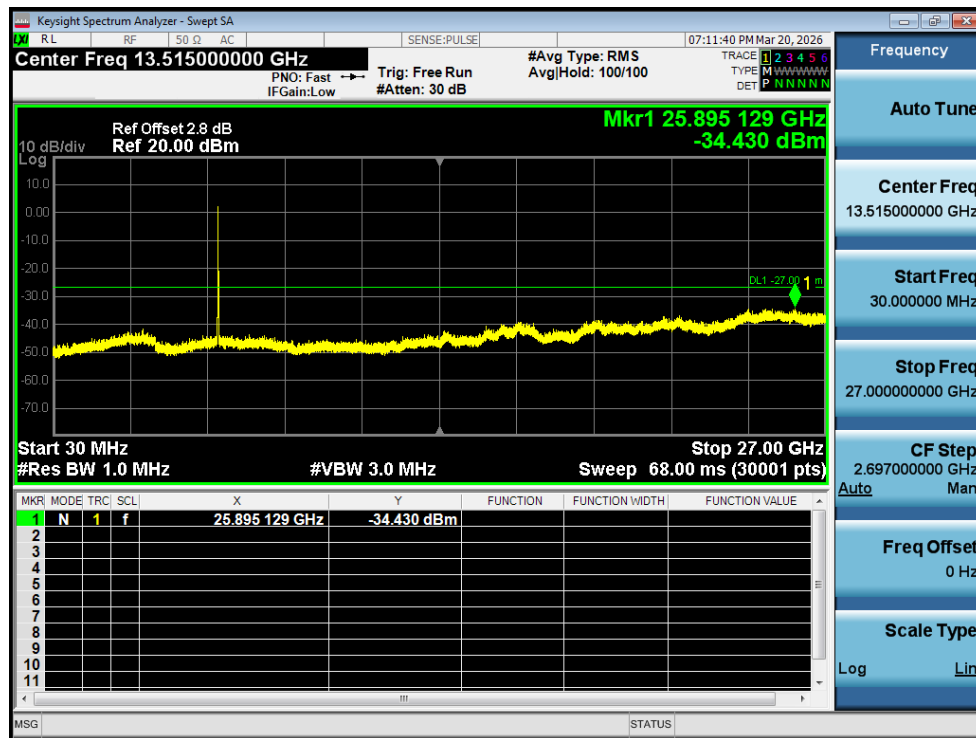
Tx. Spurious NVNT a 5785MHz Ant1 Emission



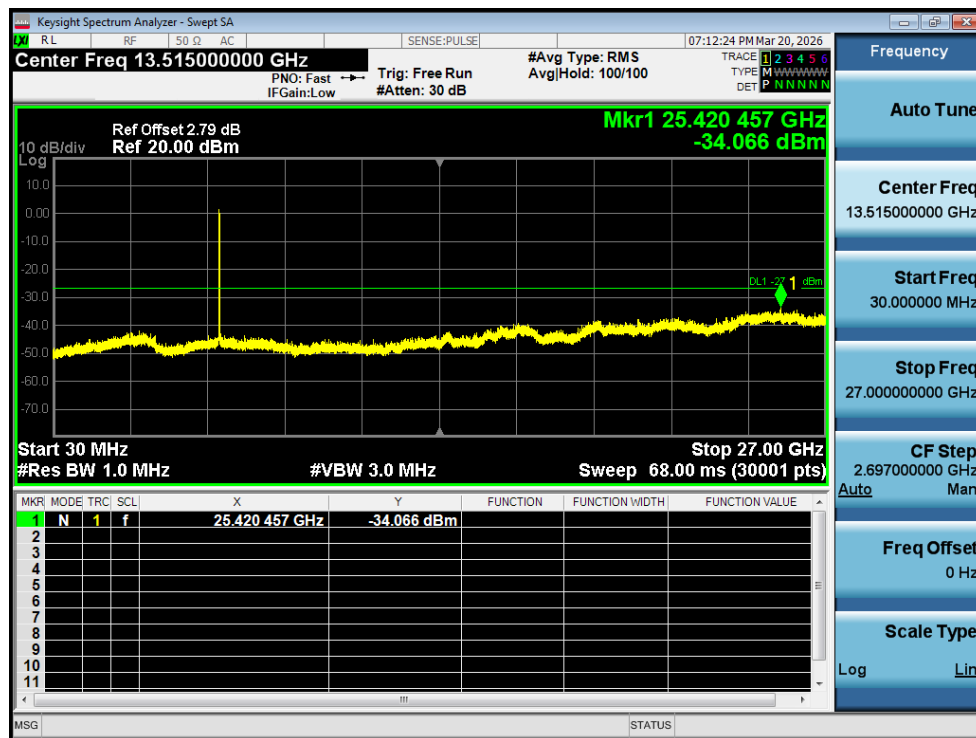
Tx. Spurious NVNT a 5825MHz Ant1 Emission



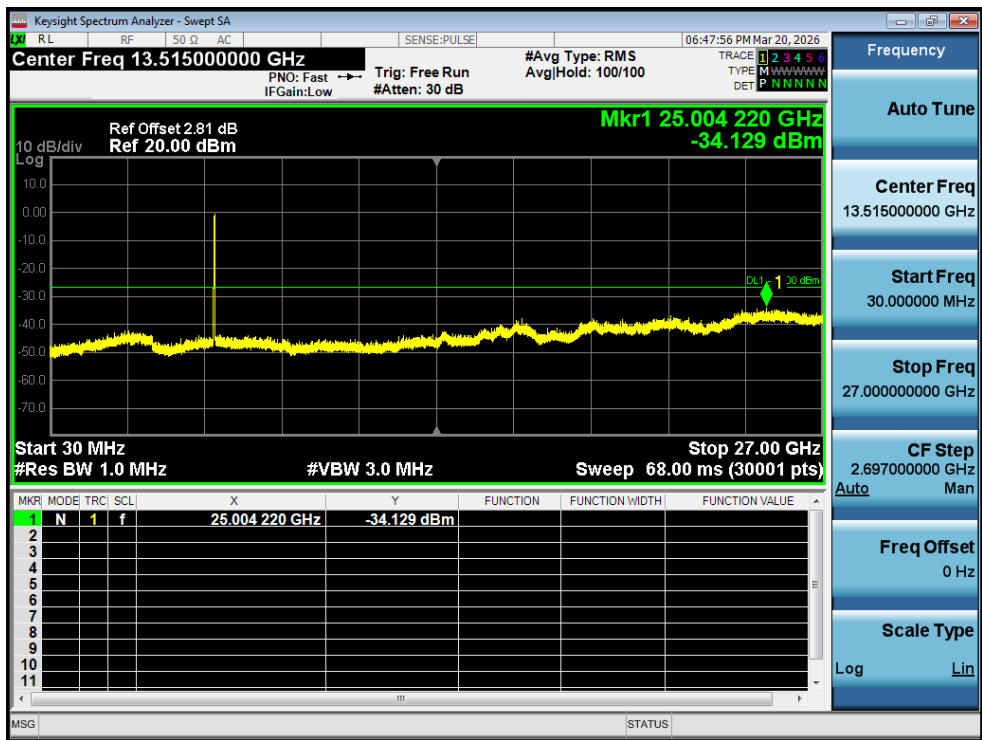
Tx. Spurious NVNT n20 5745MHz Ant1 Emission



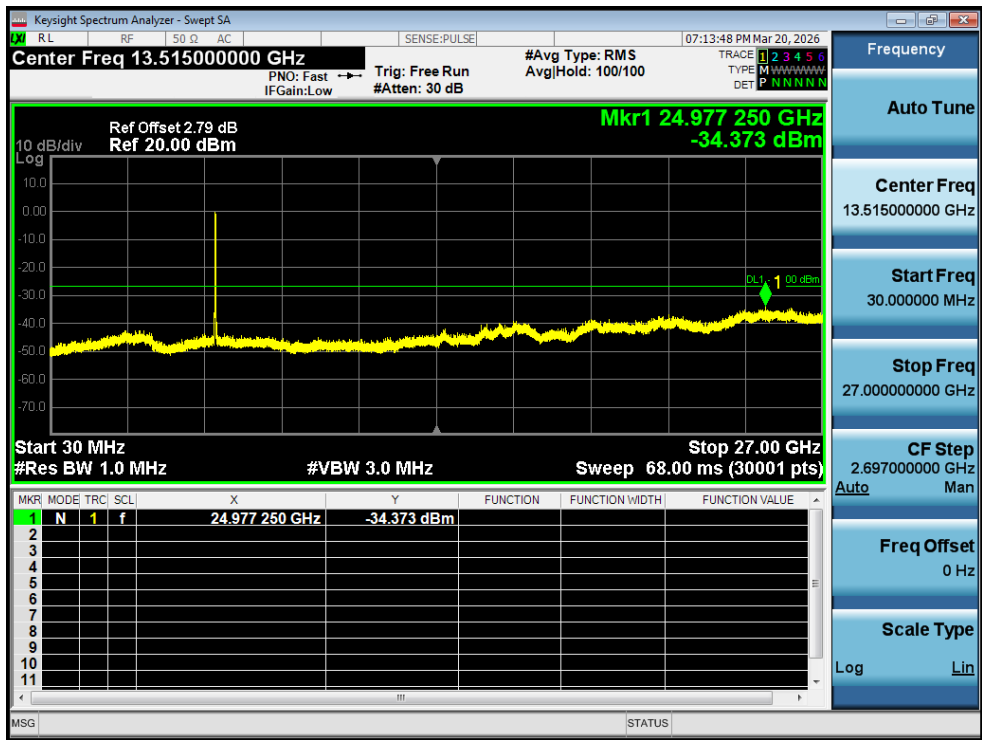
Tx. Spurious NVNT n20 5785MHz Ant1 Emission



Tx. Spurious NVNT n20 5825MHz Ant1 Emission



Tx. Spurious NVNT n40 5755MHz Ant1 Emission



Tx. Spurious NVNT n40 5795MHz Ant1 Emission