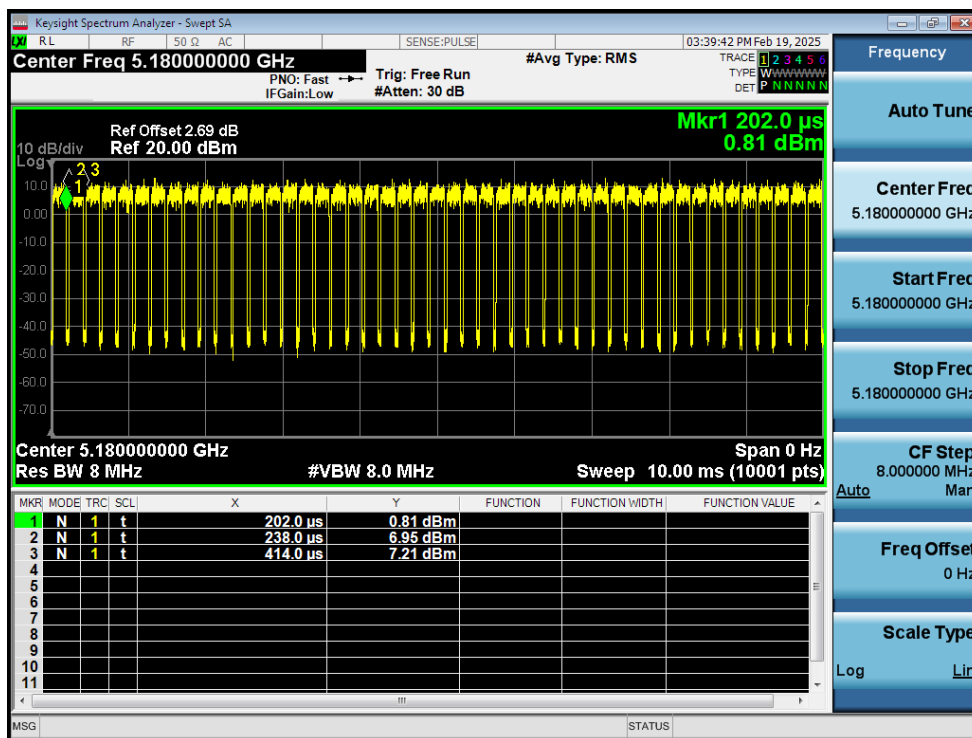


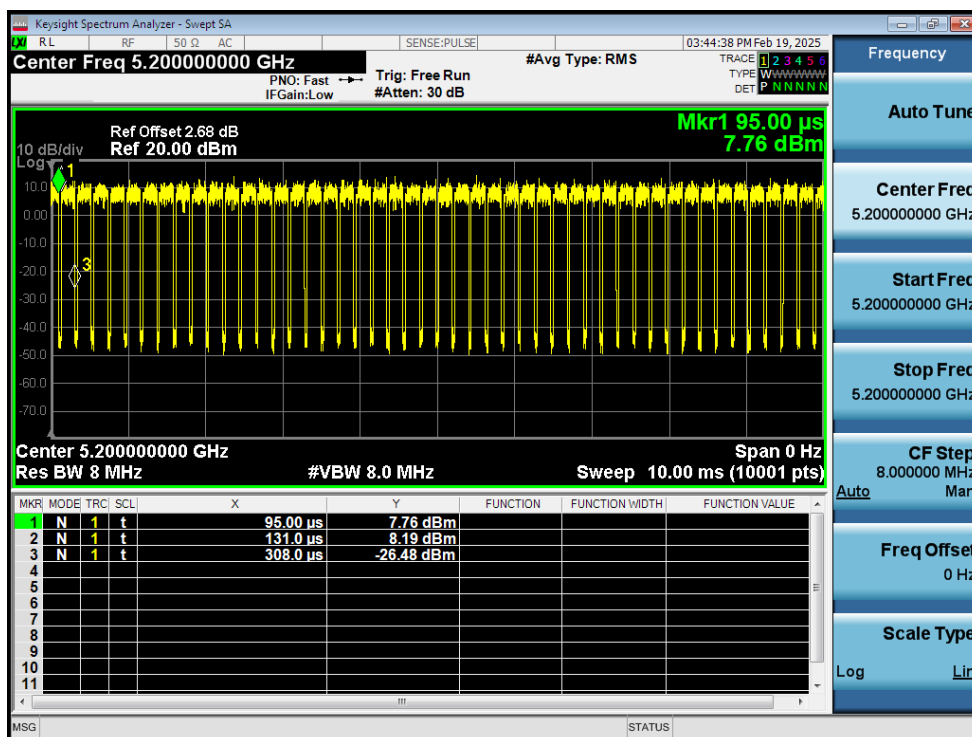
Test Data Appendix of Test Report

1. Duty Cycle

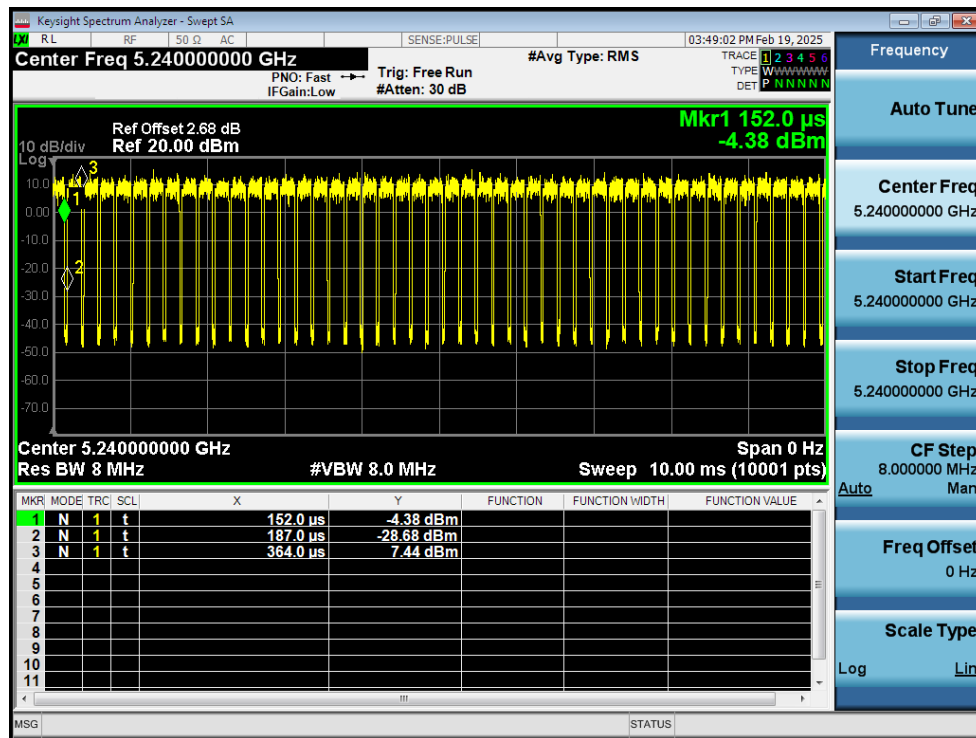
Condition	Mode	Frequency (MHz)	Antenna	Duty Cycle (%)	Correction Factor (dB)	1/T (kHz)
NVNT	a	5180	Ant1	83.02	0.81	5.68
NVNT	a	5200	Ant1	83.1	0.8	5.65
NVNT	a	5240	Ant1	83.49	0.78	5.65
NVNT	n20	5180	Ant1	82	0.86	6.1
NVNT	n20	5200	Ant1	82.41	0.84	6.1
NVNT	n20	5240	Ant1	82	0.86	6.1
NVNT	n40	5190	Ant1	53.16	2.74	9.9
NVNT	n40	5230	Ant1	50.75	2.95	9.9
NVNT	ac20	5180	Ant1	54.18	2.66	6.71
NVNT	ac20	5200	Ant1	76.68	1.15	6.76
NVNT	ac20	5240	Ant1	76.68	1.15	6.76
NVNT	ac40	5190	Ant1	48.95	3.1	10.75
NVNT	ac40	5230	Ant1	46.73	3.3	10.75
NVNT	ac80	5210	Ant1	34.21	4.66	15.38



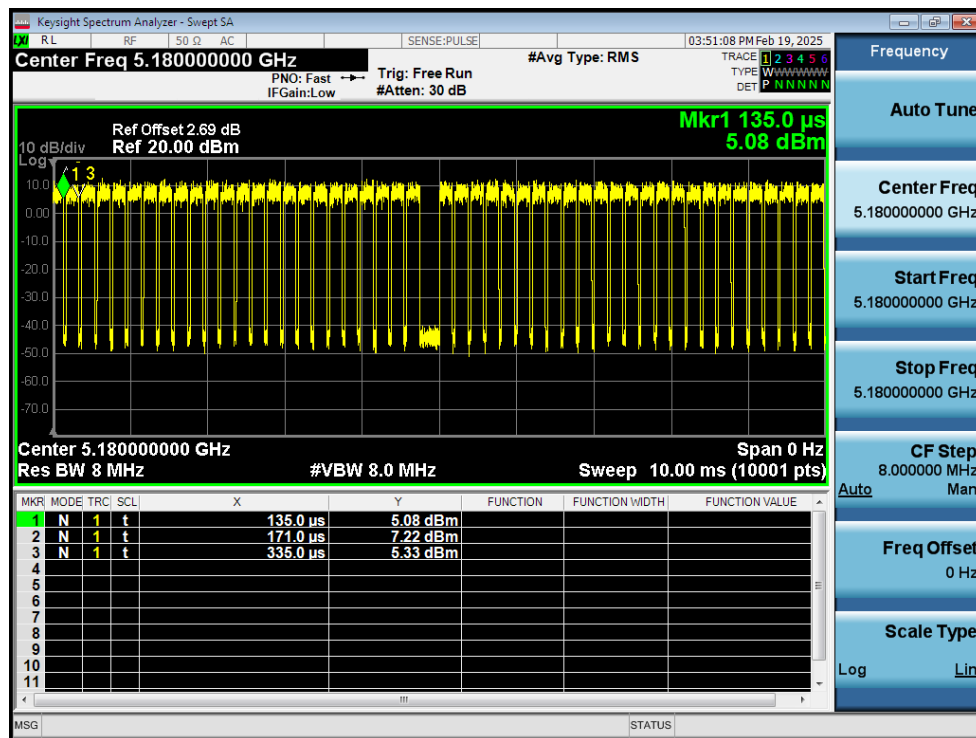
Duty Cycle NVNT a 5180MHz Ant1



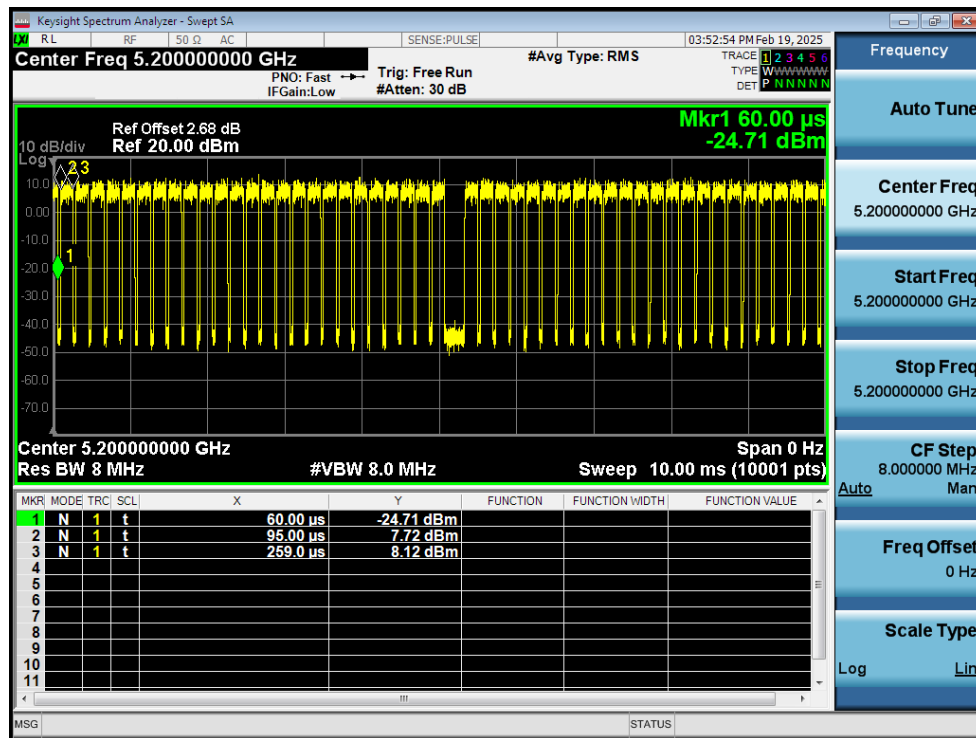
Duty Cycle NVNT a 5200MHz Ant1



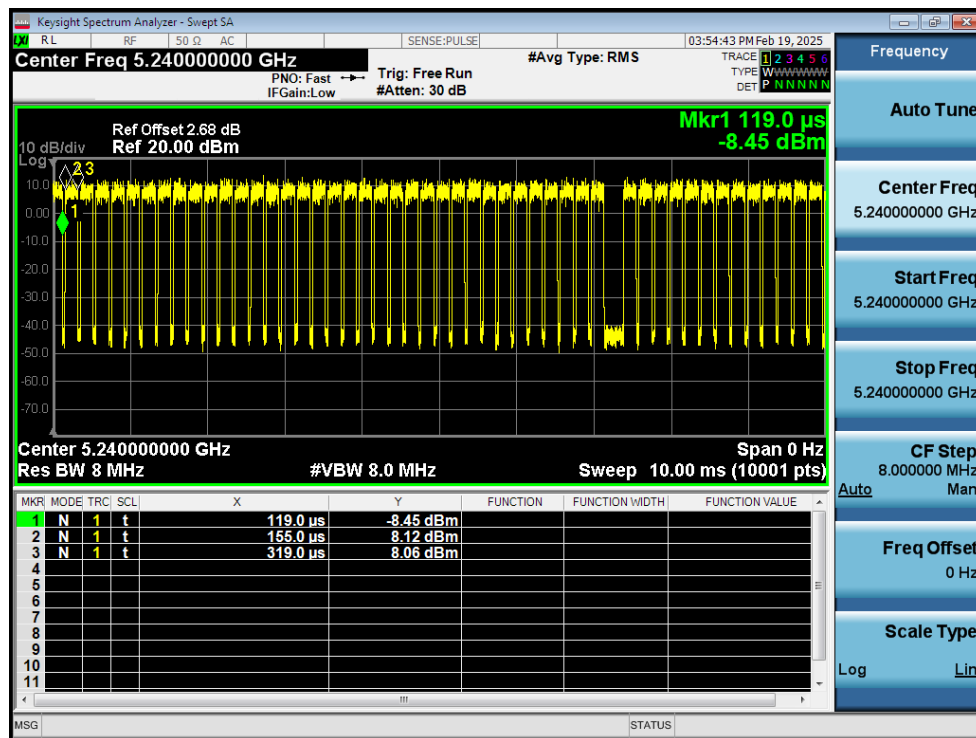
Duty Cycle NVNT a 5240MHz Ant1



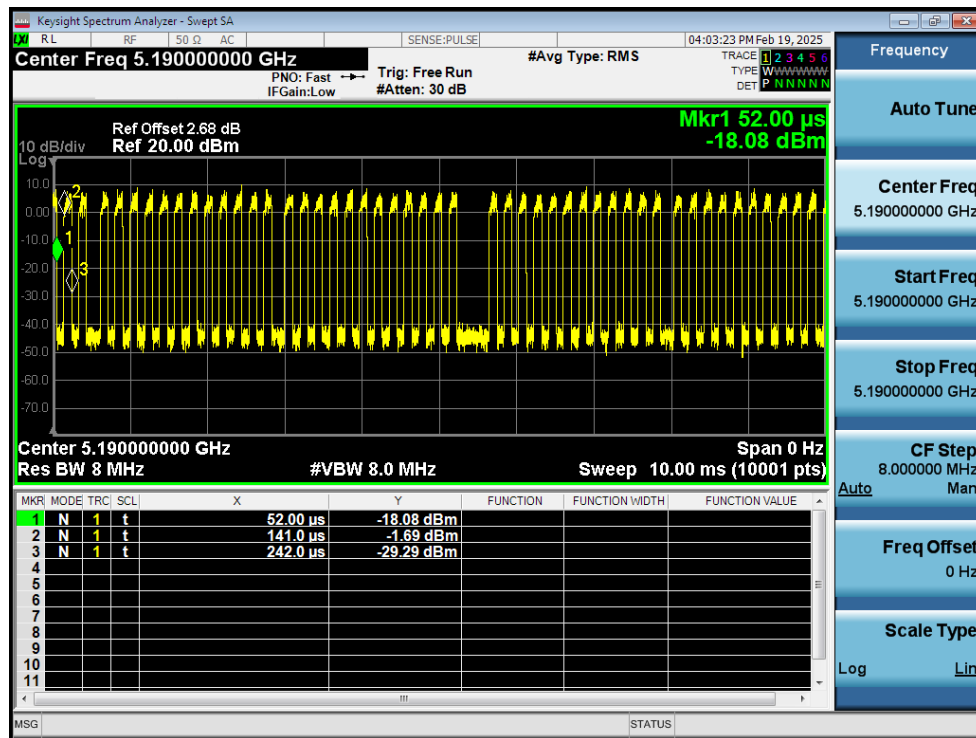
Duty Cycle NVNT n20 5180MHz Ant1



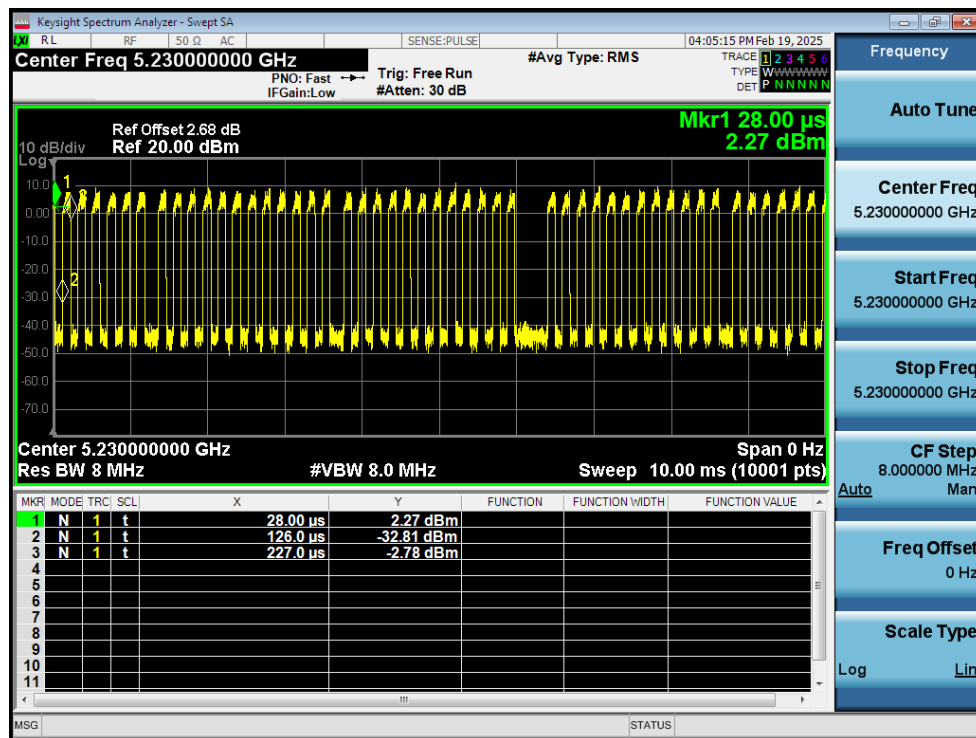
Duty Cycle NVNT n20 5200MHz Ant1



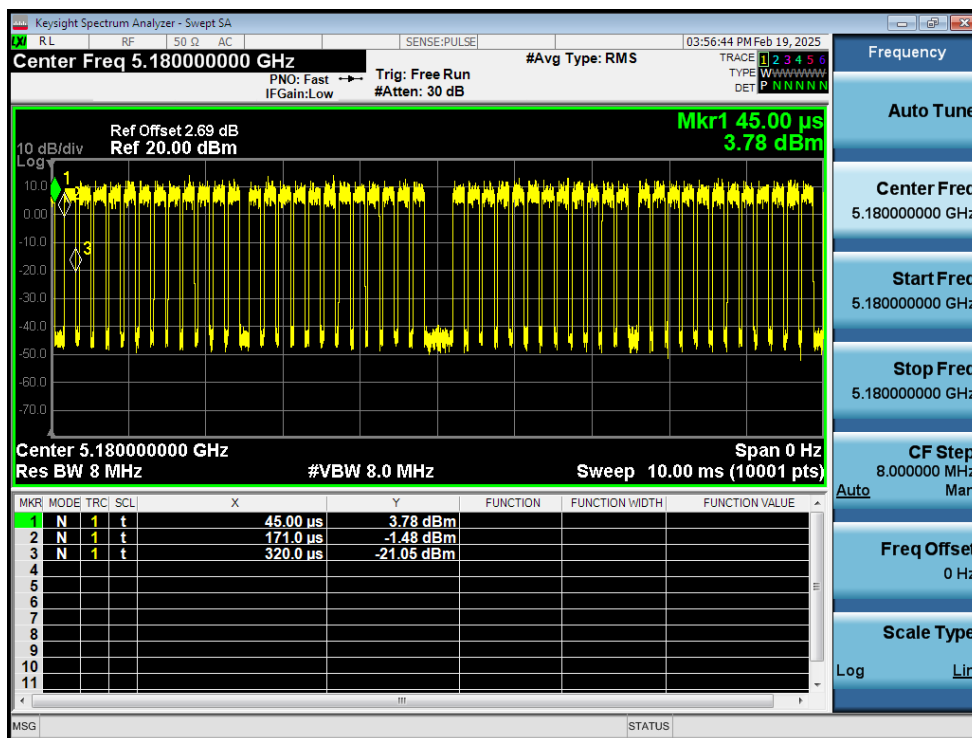
Duty Cycle NVNT n20 5240MHz Ant1



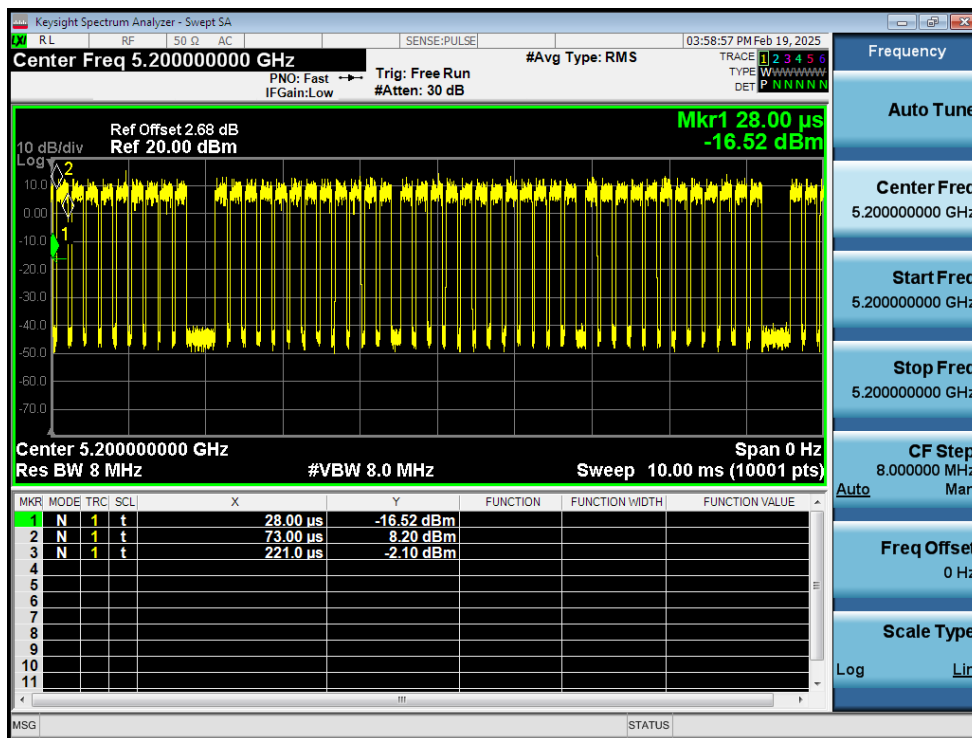
Duty Cycle NVNT n40 5190MHz Ant1



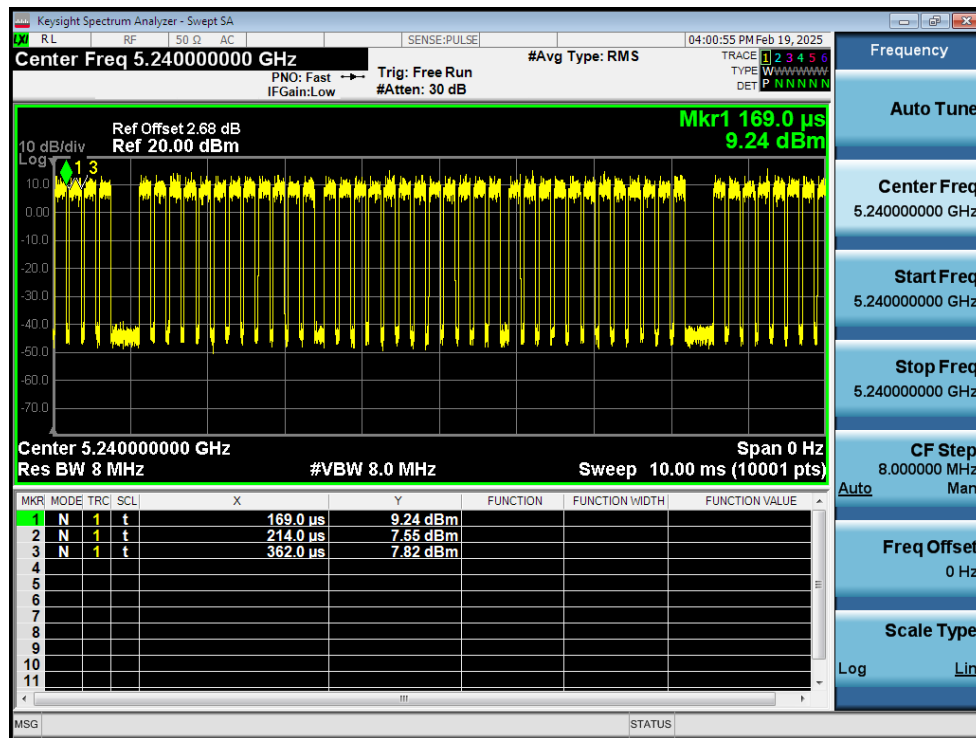
Duty Cycle NVNT n40 5230MHz Ant1



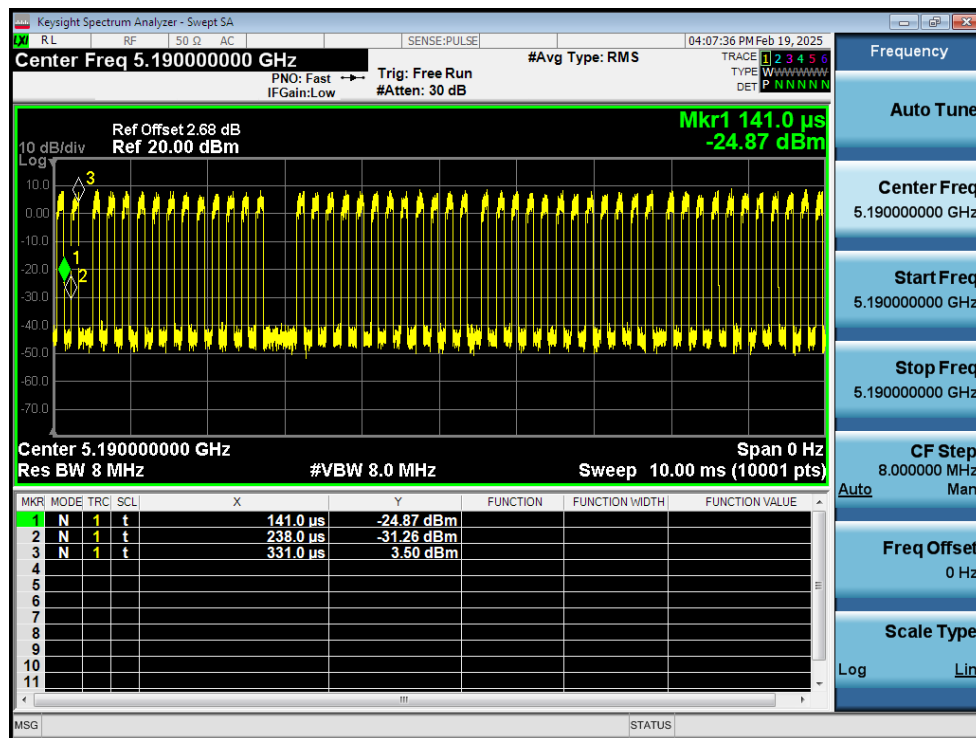
Duty Cycle NVNT ac20 5180MHz Ant1



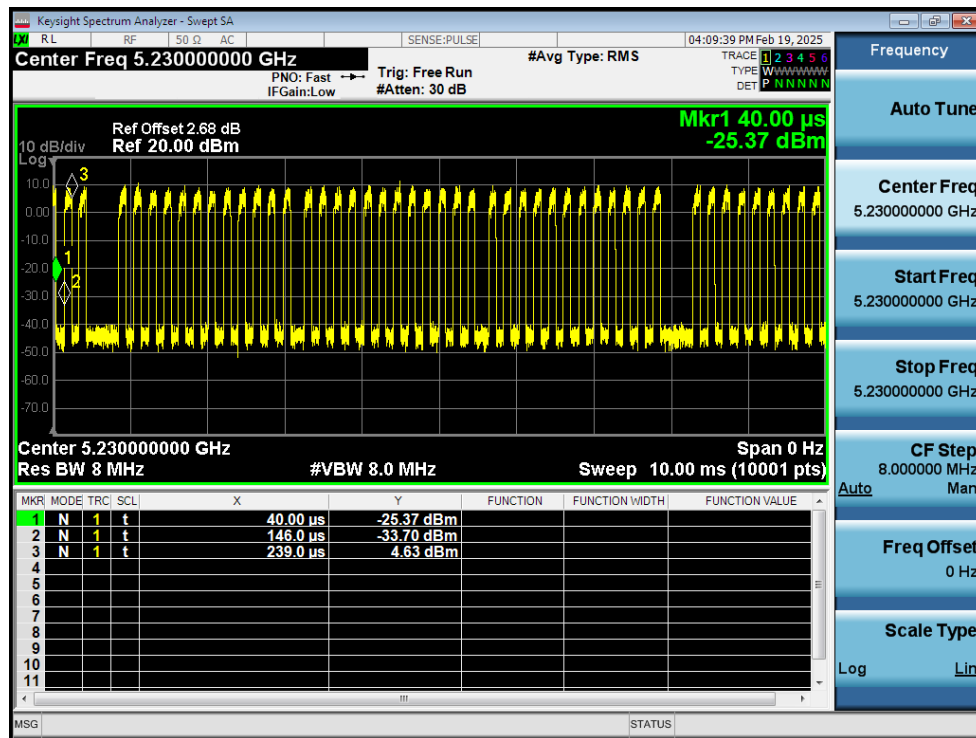
Duty Cycle NVNT ac20 5200MHz Ant1



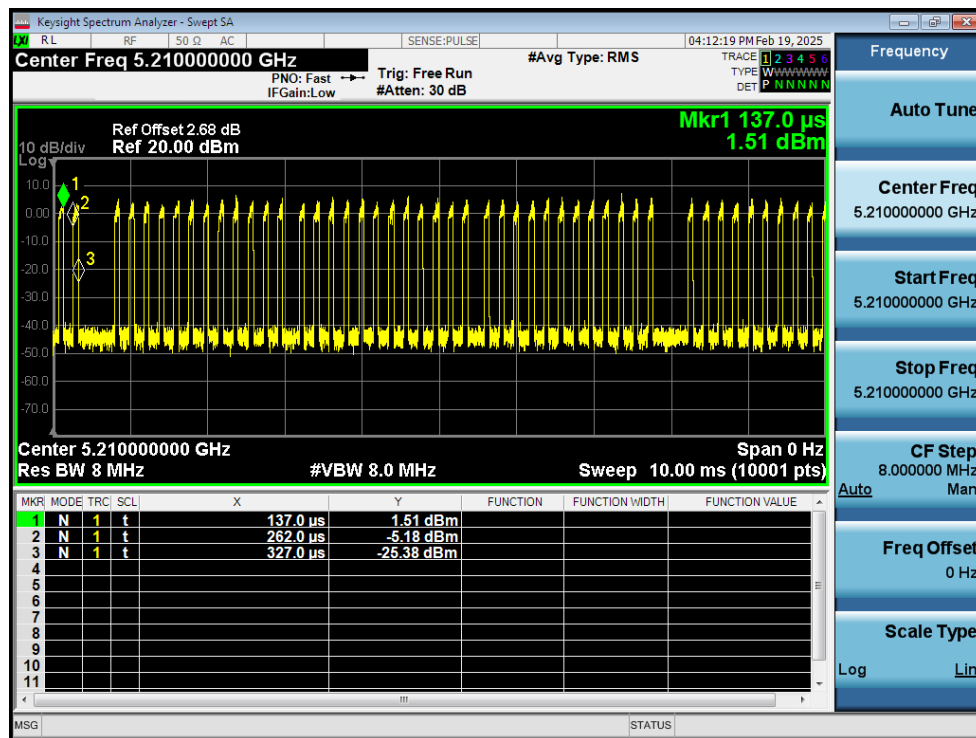
Duty Cycle NVNT ac20 5240MHz Ant1



Duty Cycle NVNT ac40 5190MHz Ant1



Duty Cycle NVNT ac40 5230MHz Ant1

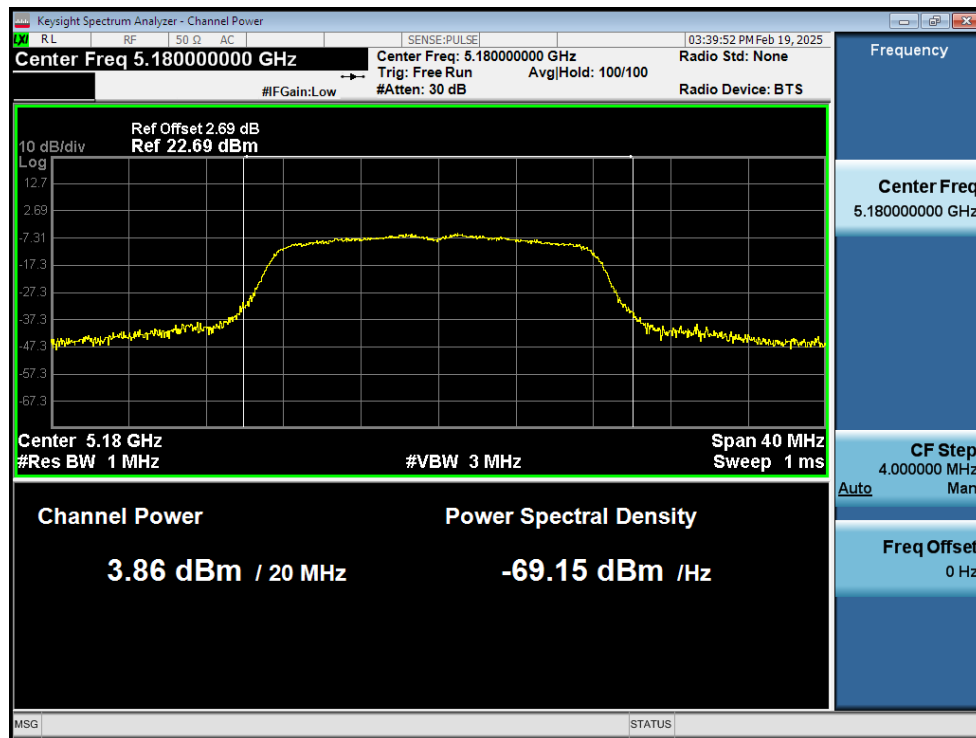


Duty Cycle NVNT ac80 5210MHz Ant1

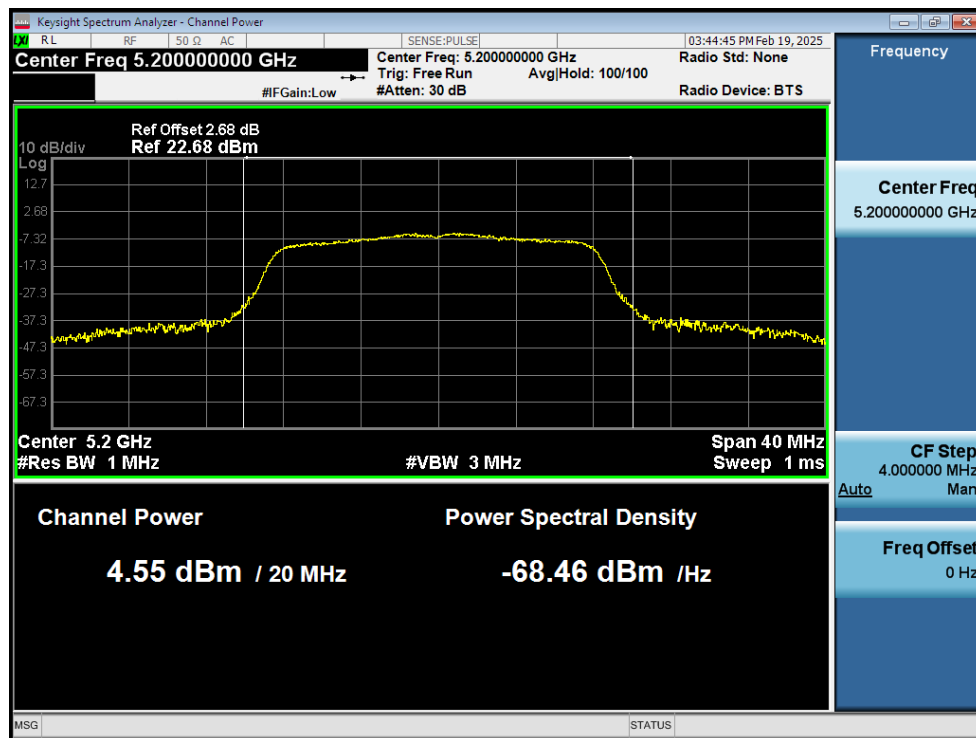
2. Maximum Conducted Output Power

Condition	Mode	Frequency (MHz)	Antenna	Conducted Power (dBm)	Duty Factor (dB)	Total Power (dBm)	Limit (dBm)	Verdict
NVNT	a	5180	Ant1	3.86	0.81	4.67	24	Pass
NVNT	a	5200	Ant1	4.55	0.8	5.35	24	Pass
NVNT	a	5240	Ant1	5.34	0.78	6.12	24	Pass
NVNT	n20	5180	Ant1	3.88	0.86	4.74	24	Pass
NVNT	n20	5200	Ant1	4.08	0.84	4.92	24	Pass
NVNT	n20	5240	Ant1	4.57	0.86	5.43	24	Pass
NVNT	n40	5190	Ant1	1.71	2.74	4.45	24	Pass
NVNT	n40	5230	Ant1	2.22	2.95	5.17	24	Pass
NVNT	ac20	5180	Ant1	3.29	2.66	5.95	24	Pass
NVNT	ac20	5200	Ant1	3.94	1.15	5.09	24	Pass
NVNT	ac20	5240	Ant1	4.51	1.15	5.66	24	Pass
NVNT	ac40	5190	Ant1	1.22	3.1	4.32	24	Pass
NVNT	ac40	5230	Ant1	2.3	3.3	5.6	24	Pass
NVNT	ac80	5210	Ant1	0.07	4.66	4.73	24	Pass

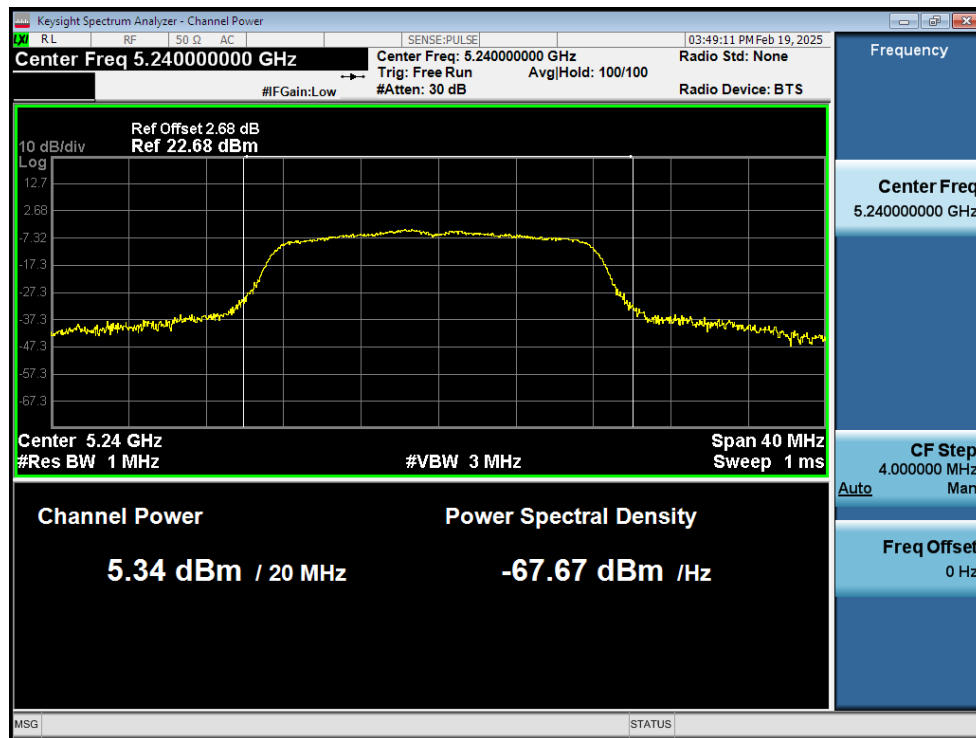
Note: Total power=Conducted power + Duty factor



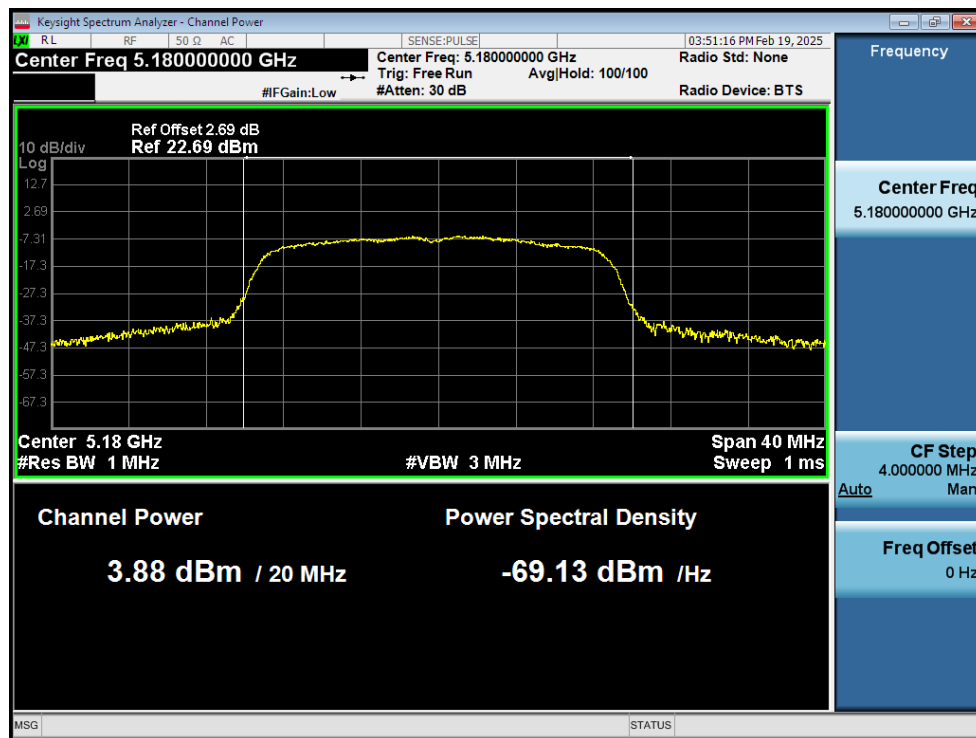
Power NVNT a 5180MHz Ant1



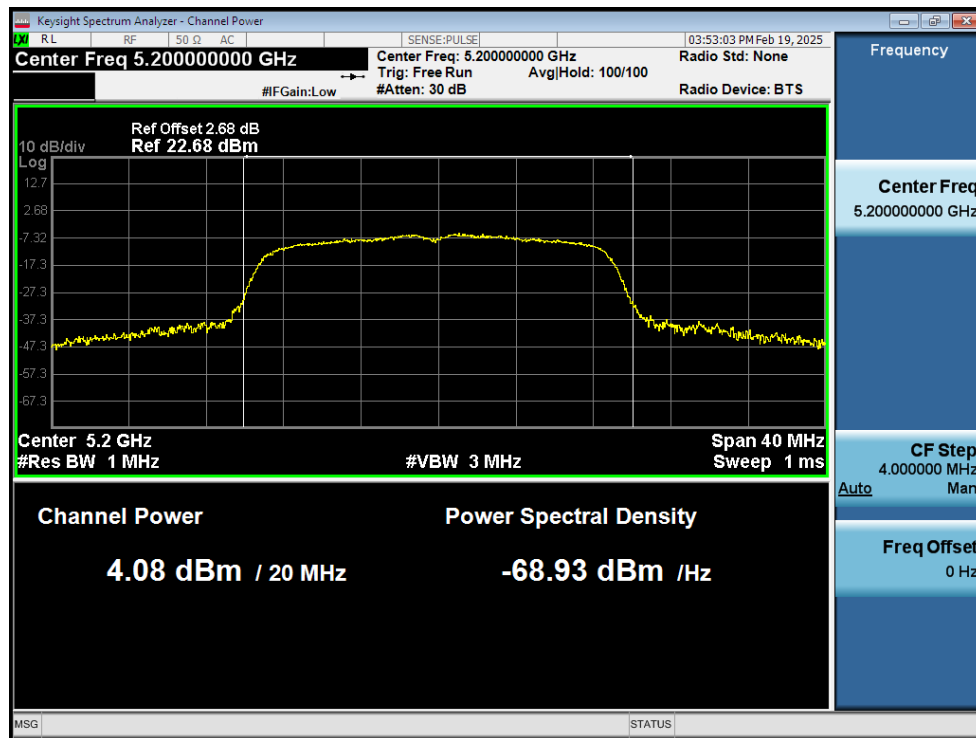
Power NVNT a 5200MHz Ant1



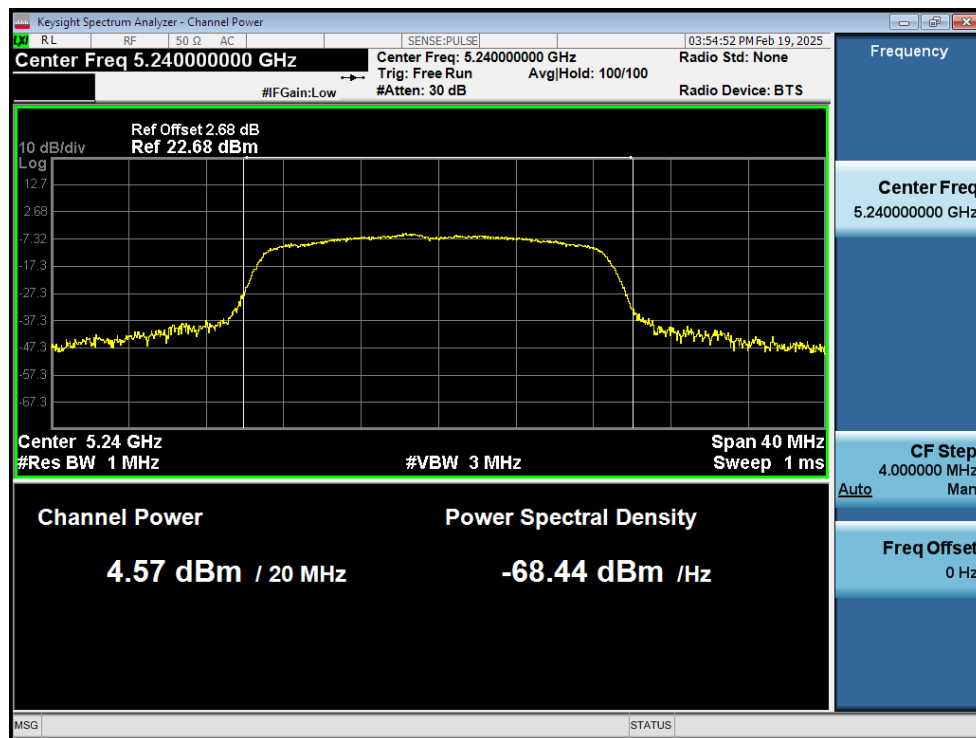
Power NVNT a 5240MHz Ant1



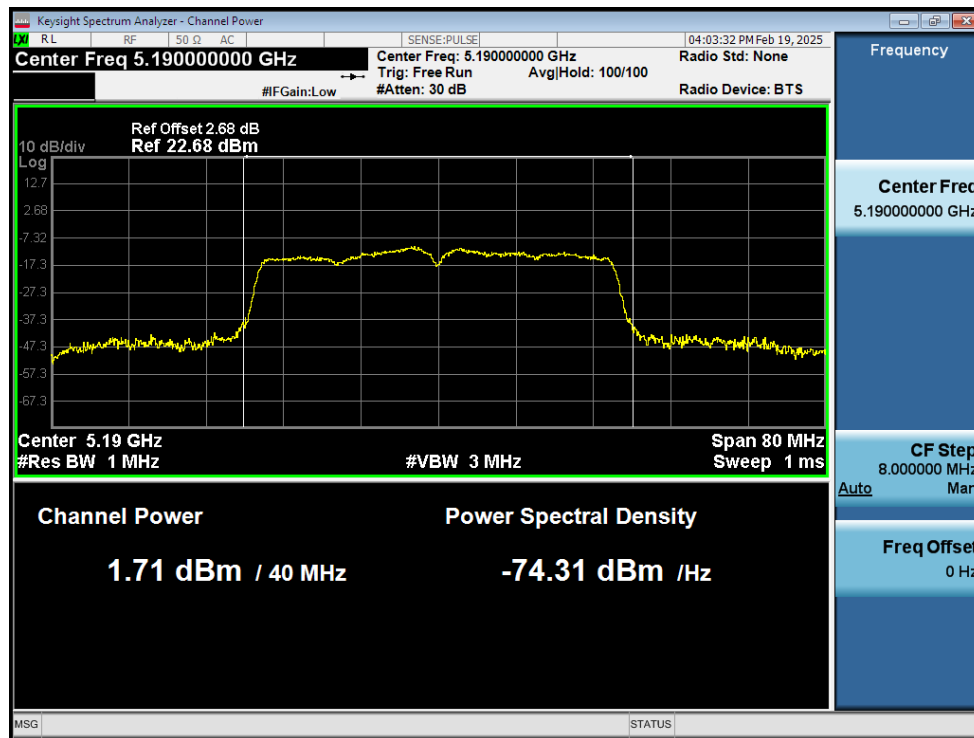
Power NVNT n20 5180MHz Ant1



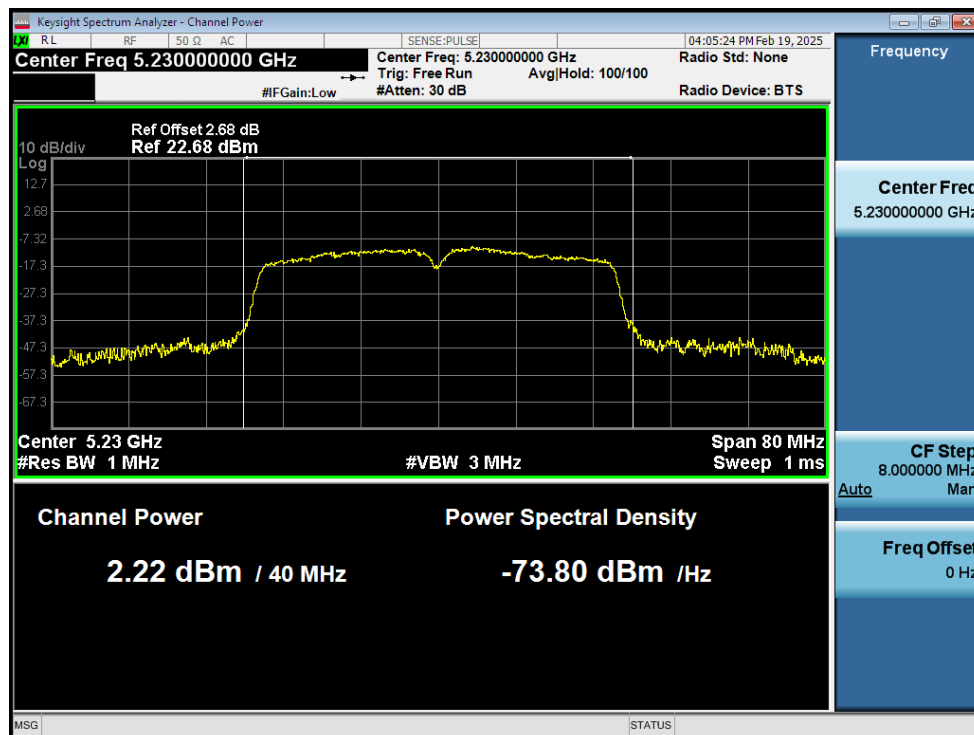
Power NVNT n20 5200MHz Ant1



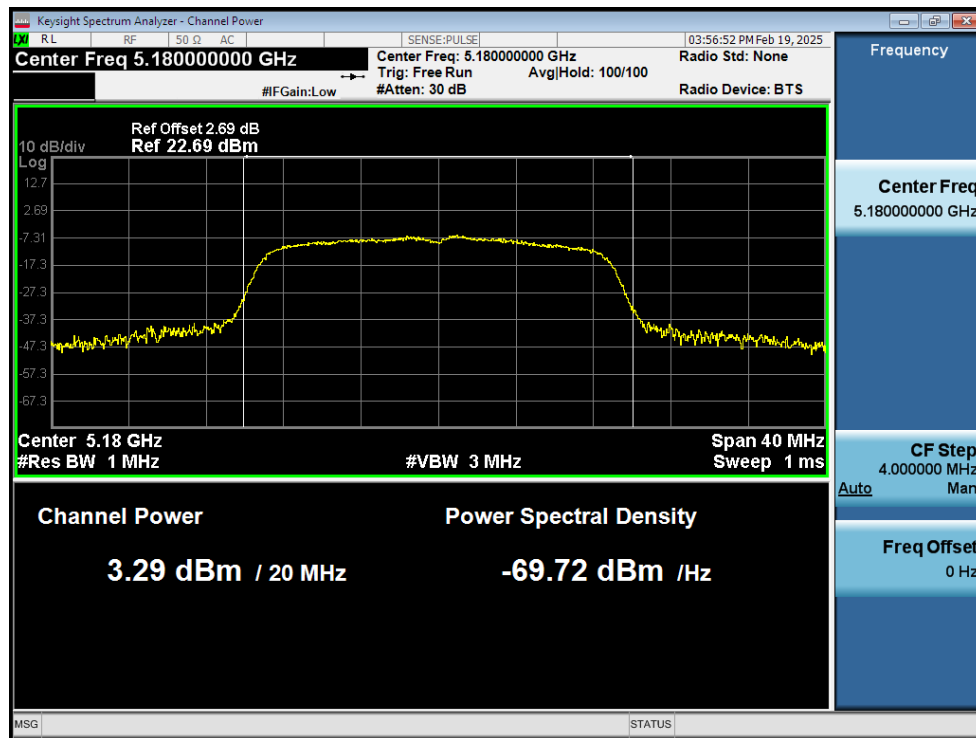
Power NVNT n20 5240MHz Ant1



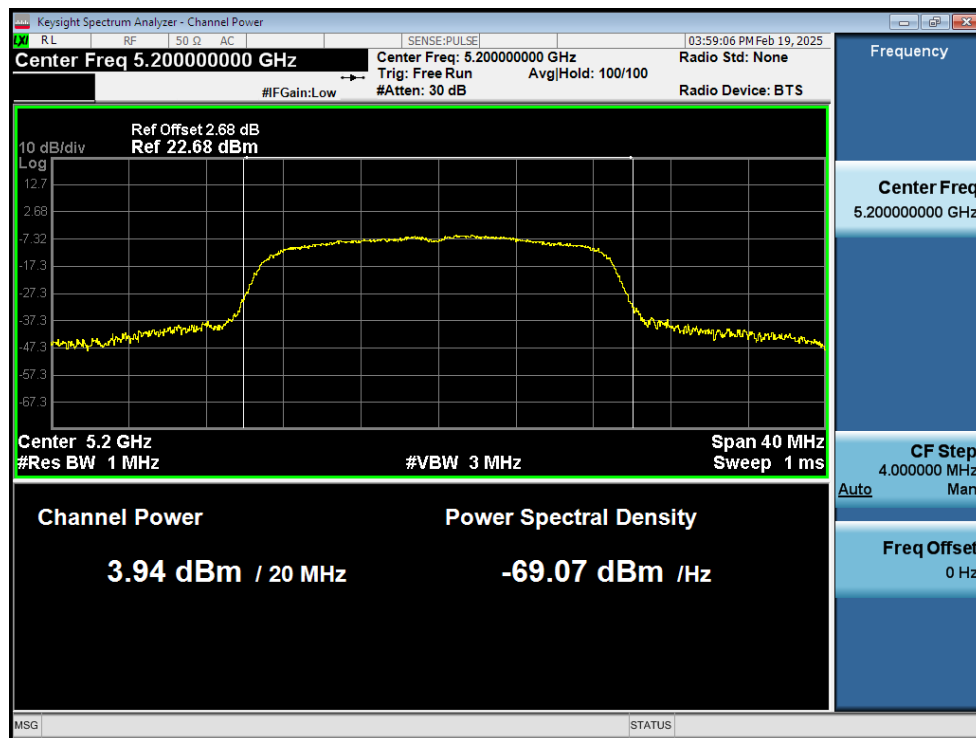
Power NVNT n40 5190MHz Ant1



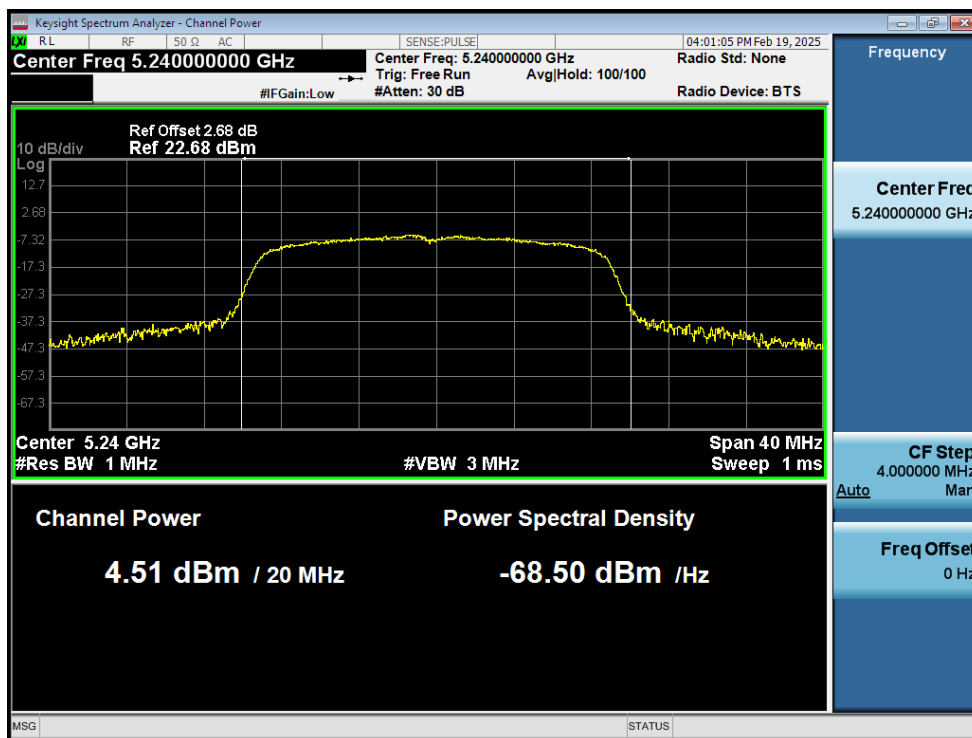
Power NVNT n40 5230MHz Ant1



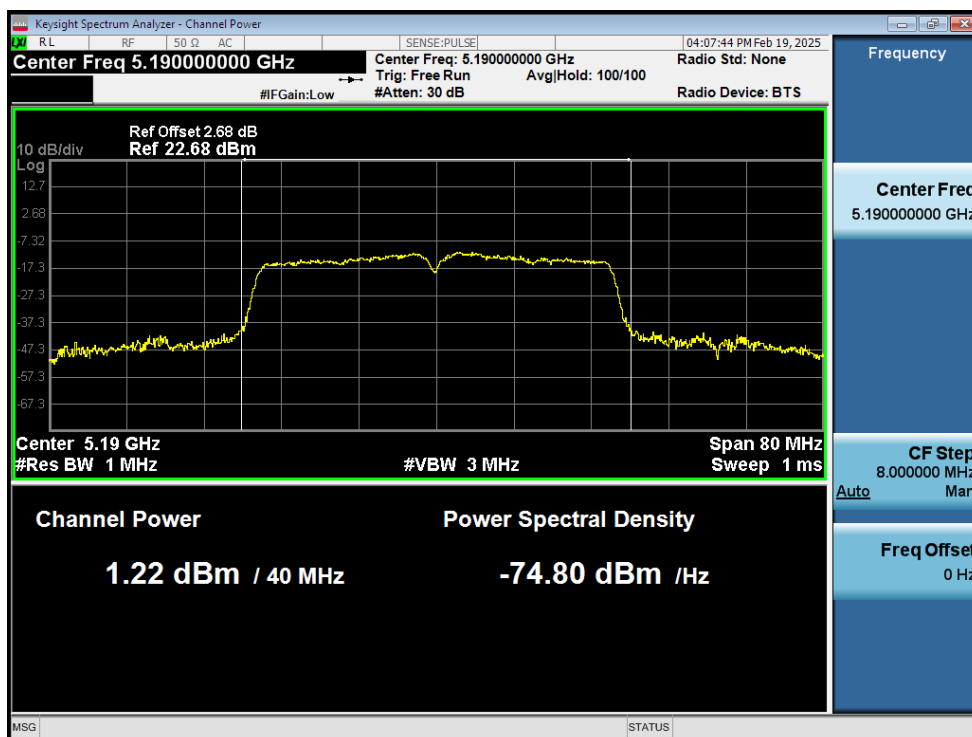
Power NVNT ac20 5180MHz Ant1



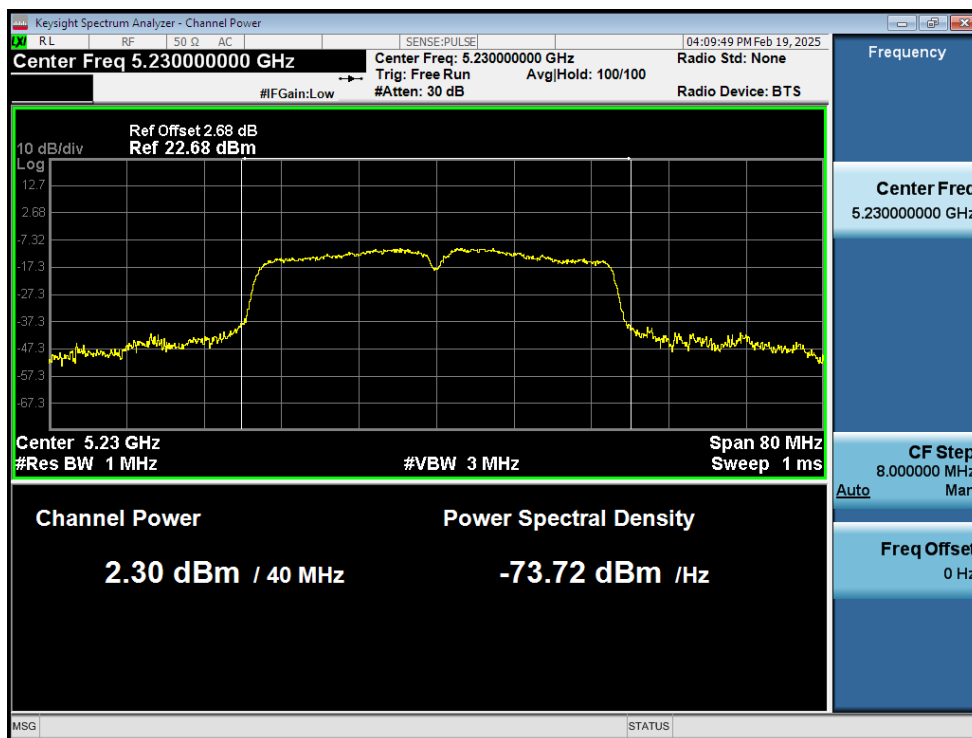
Power NVNT ac20 5200MHz Ant1



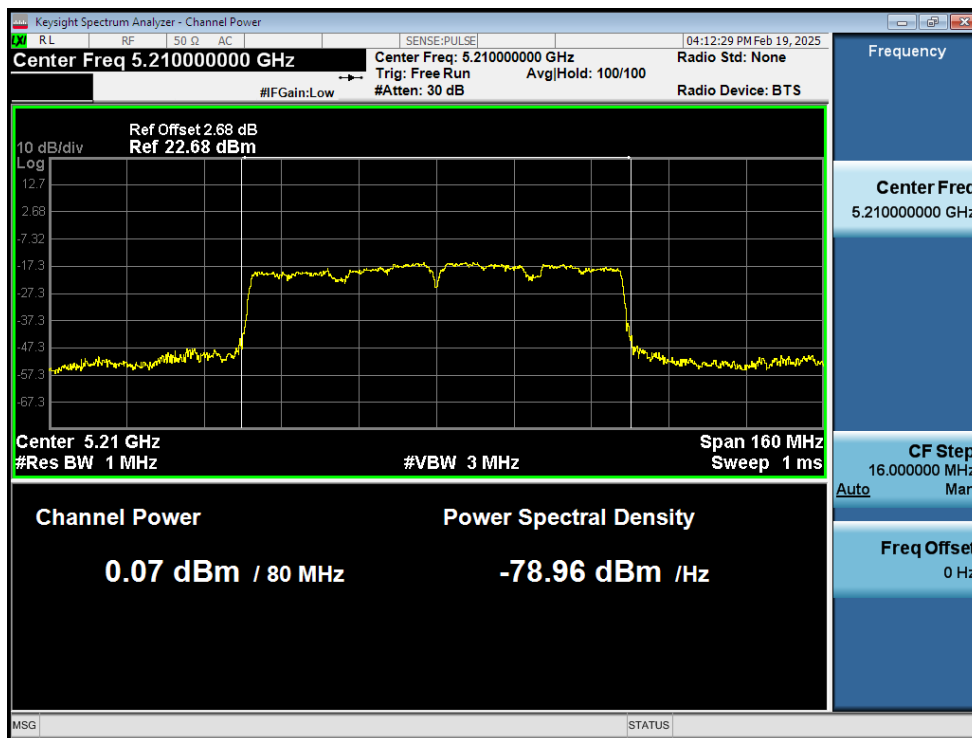
Power NVNT ac20 5240MHz Ant1



Power NVNT ac40 5190MHz Ant1



Power NVNT ac40 5230MHz Ant1



Power NVNT ac80 5210MHz Ant1

3. -26dB Bandwidth

Condition	Mode	Frequency (MHz)	Antenna	-26 dB Bandwidth (MHz)	Verdict
NVNT	a	5180	Ant1	20.078	Pass
NVNT	a	5200	Ant1	22.174	Pass
NVNT	a	5240	Ant1	20.481	Pass
NVNT	n20	5180	Ant1	20.051	Pass
NVNT	n20	5200	Ant1	20.866	Pass
NVNT	n20	5240	Ant1	20.74	Pass
NVNT	n40	5190	Ant1	40.641	Pass
NVNT	n40	5230	Ant1	39.387	Pass
NVNT	ac20	5180	Ant1	19.86	Pass
NVNT	ac20	5200	Ant1	19.918	Pass
NVNT	ac20	5240	Ant1	21.9	Pass
NVNT	ac40	5190	Ant1	39.61	Pass
NVNT	ac40	5230	Ant1	38.944	Pass
NVNT	ac80	5210	Ant1	80.488	Pass



-26dB Bandwidth NVNT a 5180MHz Ant1



-26dB Bandwidth NVNT a 5200MHz Ant1



-26dB Bandwidth NVNT a 5240MHz Ant1



-26dB Bandwidth NVNT n20 5180MHz Ant1



-26dB Bandwidth NVNT n20 5200MHz Ant1



-26dB Bandwidth NVNT n20 5240MHz Ant1



-26dB Bandwidth NVNT n40 5190MHz Ant1



-26dB Bandwidth NVNT n40 5230MHz Ant1



-26dB Bandwidth NVNT ac20 5180MHz Ant1



-26dB Bandwidth NVNT ac20 5200MHz Ant1



-26dB Bandwidth NVNT ac20 5240MHz Ant1



-26dB Bandwidth NVNT ac40 5190MHz Ant1



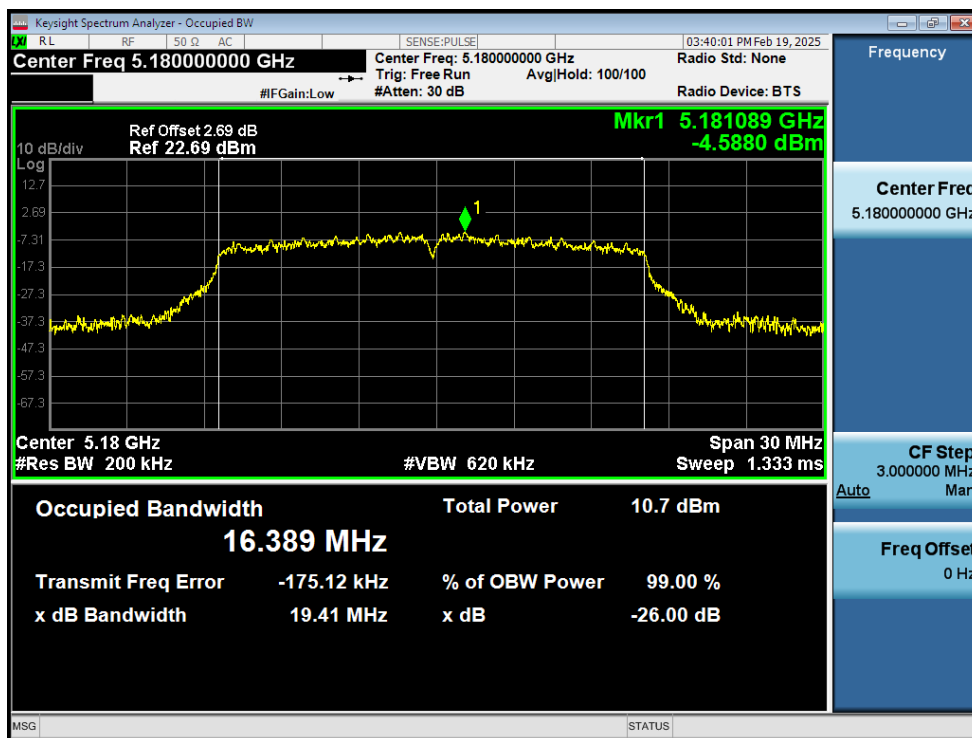
-26dB Bandwidth NVNT ac40 5230MHz Ant1



-26dB Bandwidth NVNT ac80 5210MHz Ant1

4. Occupied Channel Bandwidth

Condition	Mode	Frequency (MHz)	Antenna	99% OBW (MHz)
NVNT	a	5180	Ant1	16.389
NVNT	a	5200	Ant1	16.424
NVNT	a	5240	Ant1	16.423
NVNT	n20	5180	Ant1	17.555
NVNT	n20	5200	Ant1	17.522
NVNT	n20	5240	Ant1	17.519
NVNT	n40	5190	Ant1	36.088
NVNT	n40	5230	Ant1	35.976
NVNT	ac20	5180	Ant1	17.51
NVNT	ac20	5200	Ant1	17.566
NVNT	ac20	5240	Ant1	17.519
NVNT	ac40	5190	Ant1	36.038
NVNT	ac40	5230	Ant1	35.965
NVNT	ac80	5210	Ant1	75.833



OBW NVNT a 5180MHz Ant1



OBW NVNT a 5200MHz Ant1



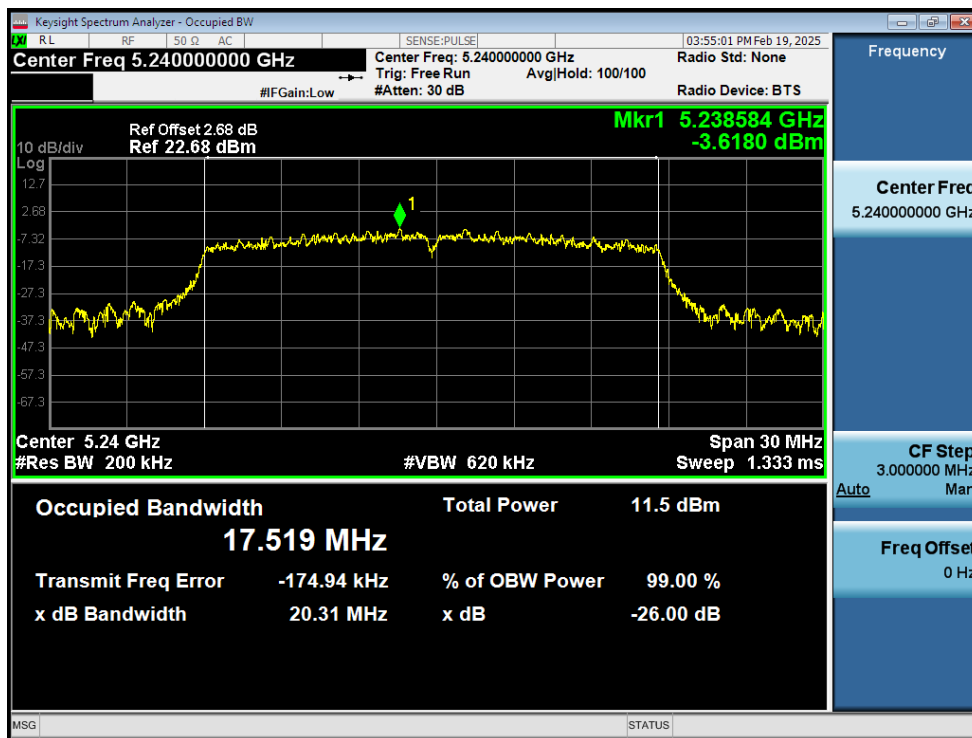
OBW NVNT a 5240MHz Ant1



OBW NVNT n20 5180MHz Ant1



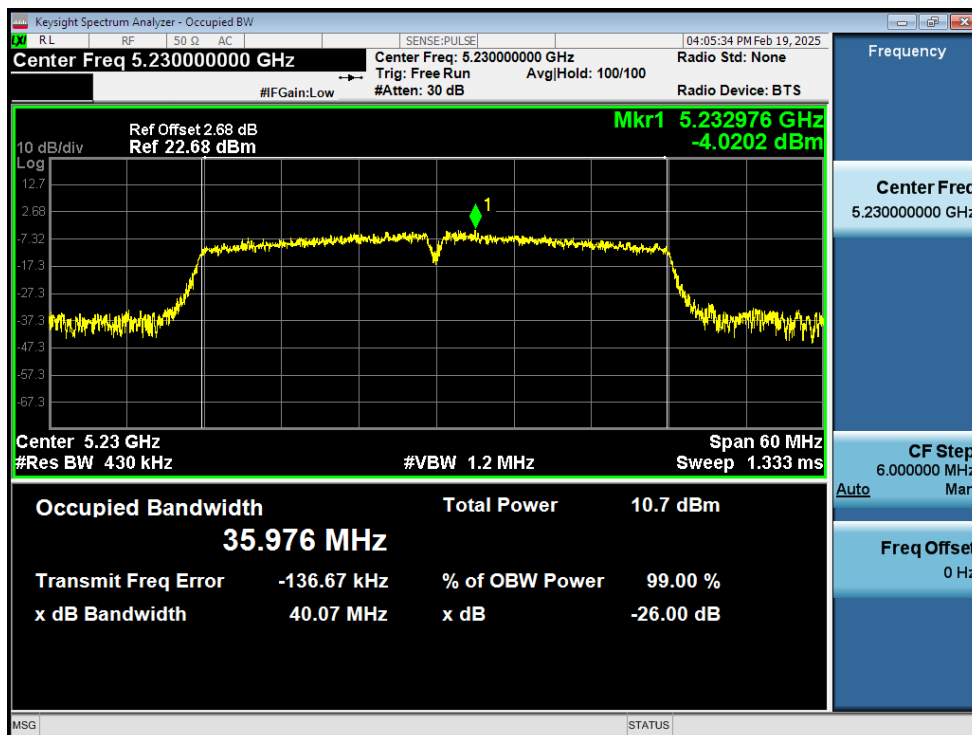
OBW NVNT n20 5200MHz Ant1



OBW NVNT n20 5240MHz Ant1



OBW NVNT n40 5190MHz Ant1



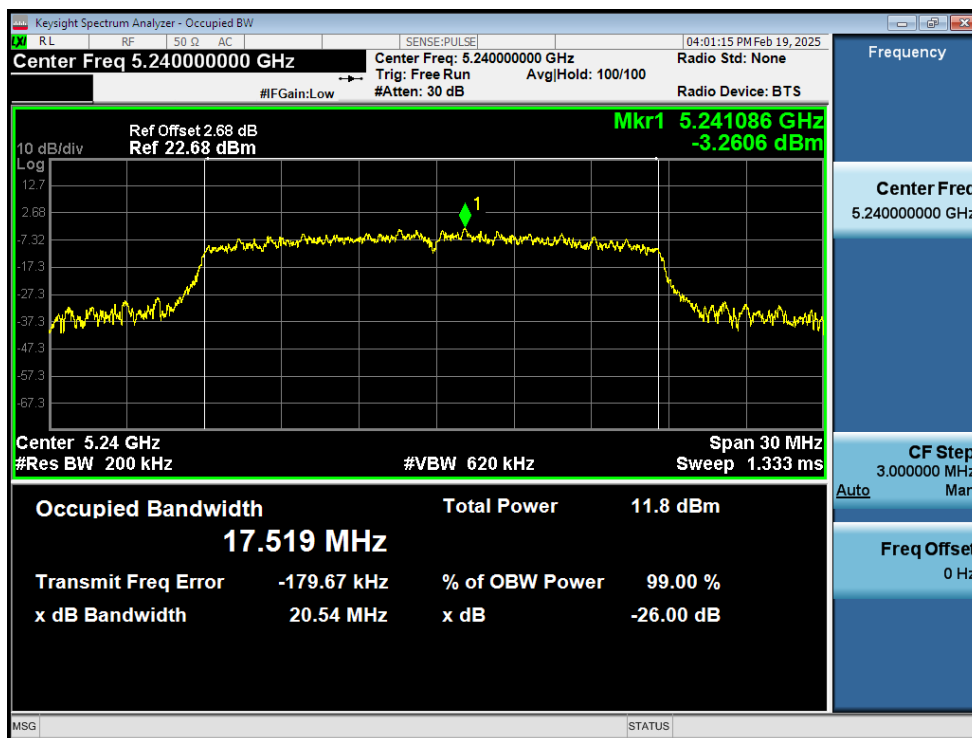
OBW NVNT n40 5230MHz Ant1



OBW NVNT ac20 5180MHz Ant1



OBW NVNT ac20 5200MHz Ant1



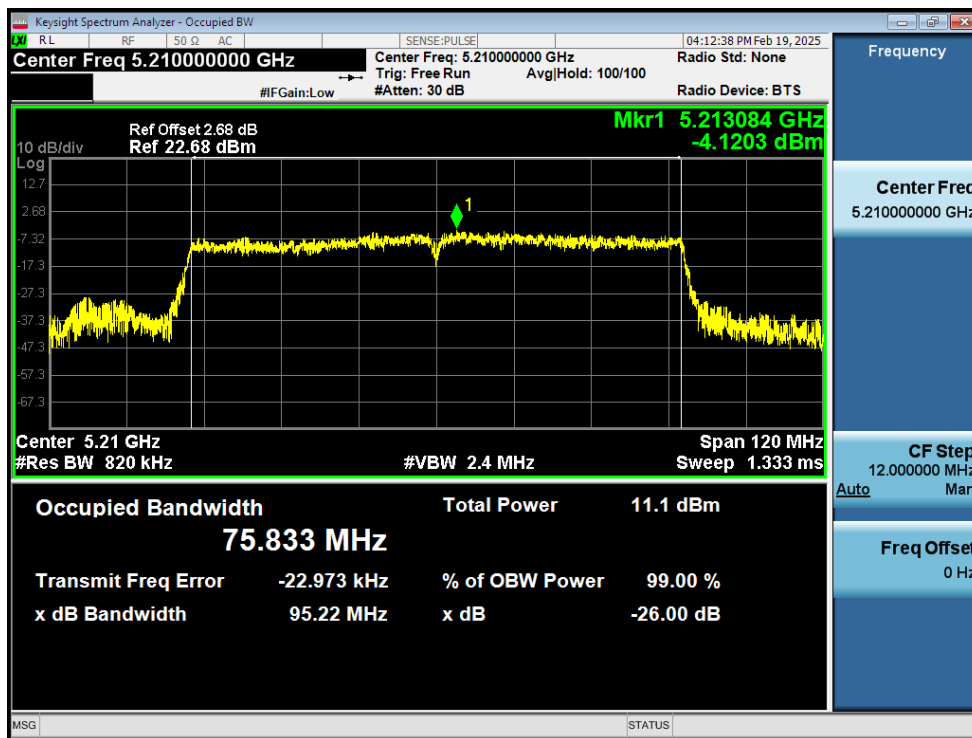
OBW NVNT ac20 5240MHz Ant1



OBW NVNT ac40 5190MHz Ant1



OBW NVNT ac40 5230MHz Ant1

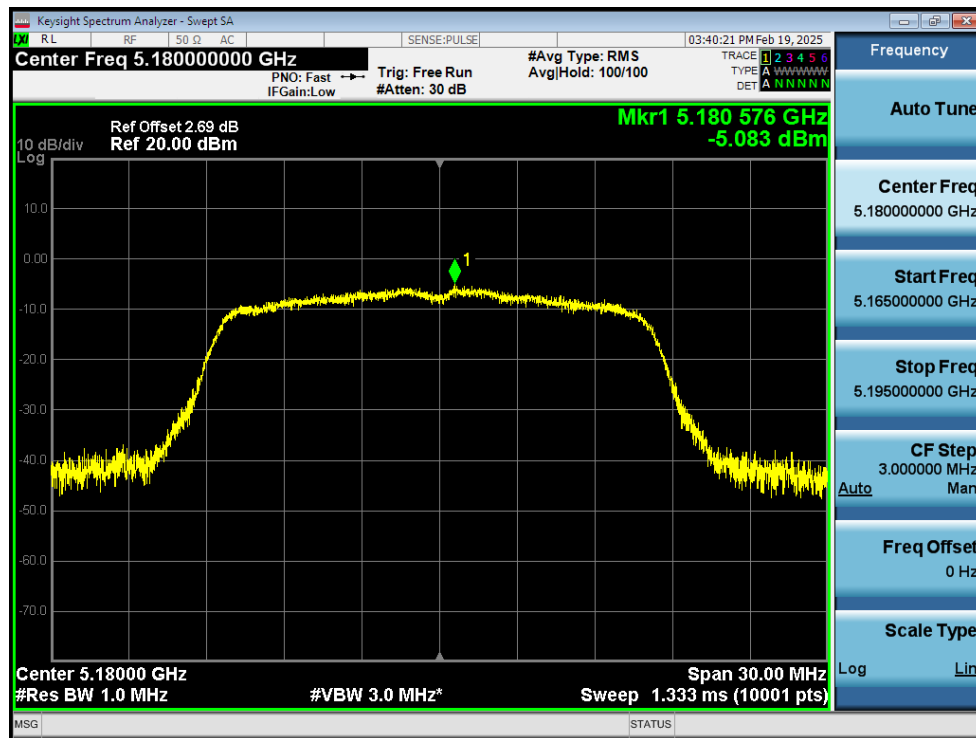


OBW NVNT ac80 5210MHz Ant1

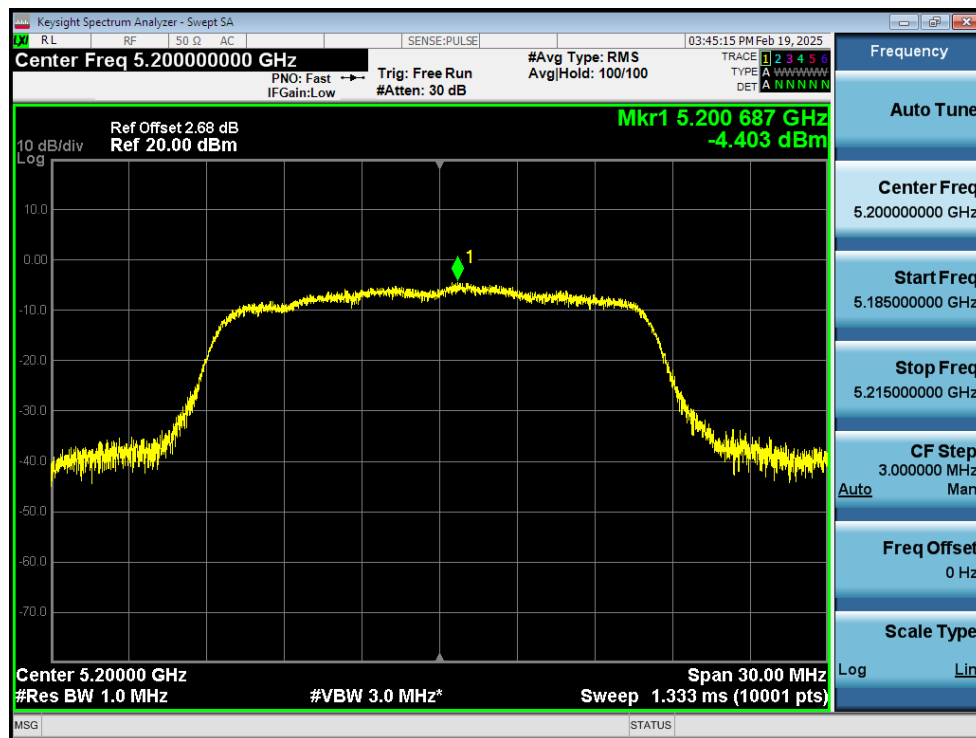
5. Maximum Power Spectral Density Level

Condition	Mode	Frequency (MHz)	Antenna	Conducted PSD (dBm)	Duty Factor (dB)	Total PSD (dBm)	Limit (dBm)	Verdict
NVNT	a	5180	Ant1	-5.08	0.81	-4.27	11	Pass
NVNT	a	5200	Ant1	-4.4	0.8	-3.6	11	Pass
NVNT	a	5240	Ant1	-3.62	0.78	-2.84	11	Pass
NVNT	n20	5180	Ant1	-5.56	0.86	-4.7	11	Pass
NVNT	n20	5200	Ant1	-5.11	0.84	-4.27	11	Pass
NVNT	n20	5240	Ant1	-4.62	0.86	-3.76	11	Pass
NVNT	n40	5190	Ant1	-10.56	2.74	-7.82	11	Pass
NVNT	n40	5230	Ant1	-9.66	2.95	-6.71	11	Pass
NVNT	ac20	5180	Ant1	-5.87	2.66	-3.21	11	Pass
NVNT	ac20	5200	Ant1	-5.42	1.15	-4.27	11	Pass
NVNT	ac20	5240	Ant1	-4.86	1.15	-3.71	11	Pass
NVNT	ac40	5190	Ant1	-10.87	3.1	-7.77	11	Pass
NVNT	ac40	5230	Ant1	-8.99	3.3	-5.69	11	Pass
NVNT	ac80	5210	Ant1	-14.51	4.66	-9.85	11	Pass

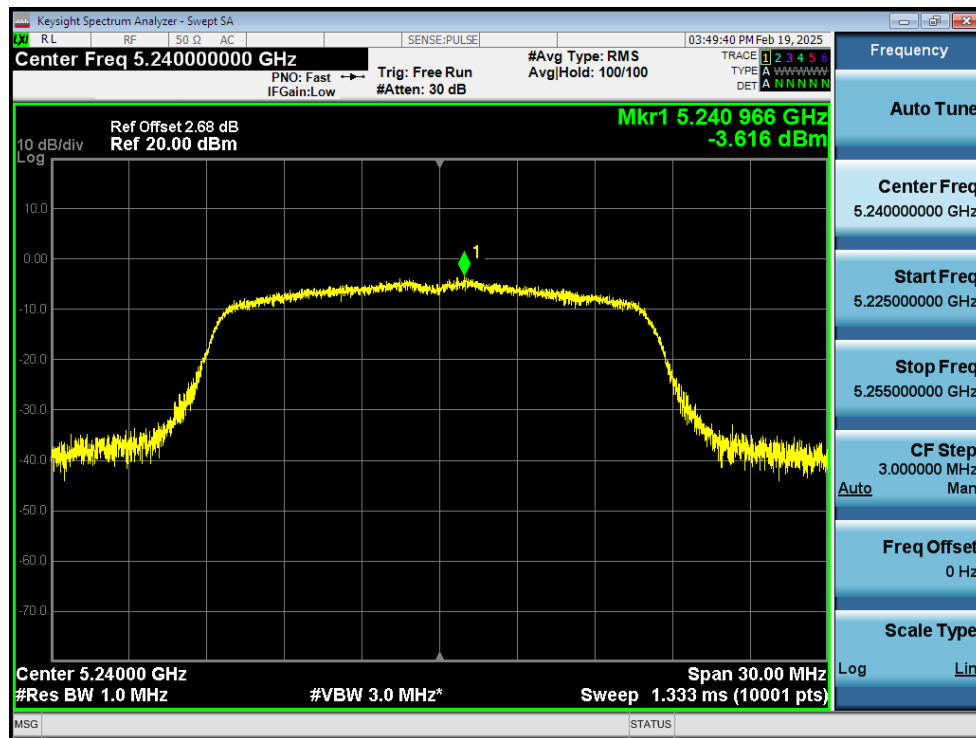
Note: Total PSD=Conducted PSD + Duty factor



PSD NVNT a 5180MHz Ant1



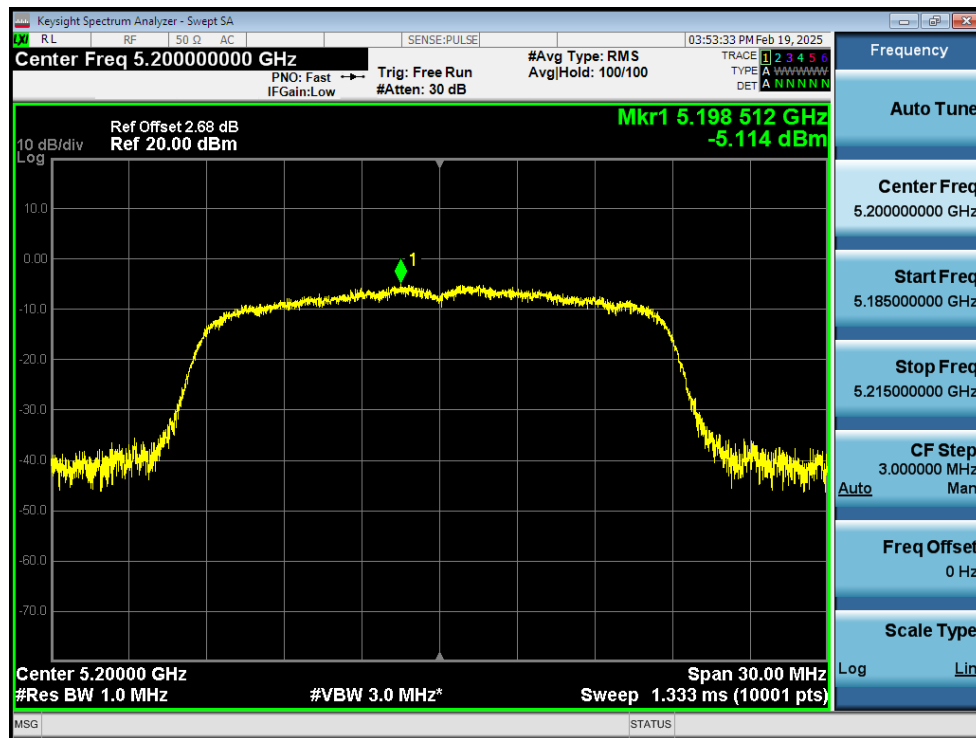
PSD NVNT a 5200MHz Ant1



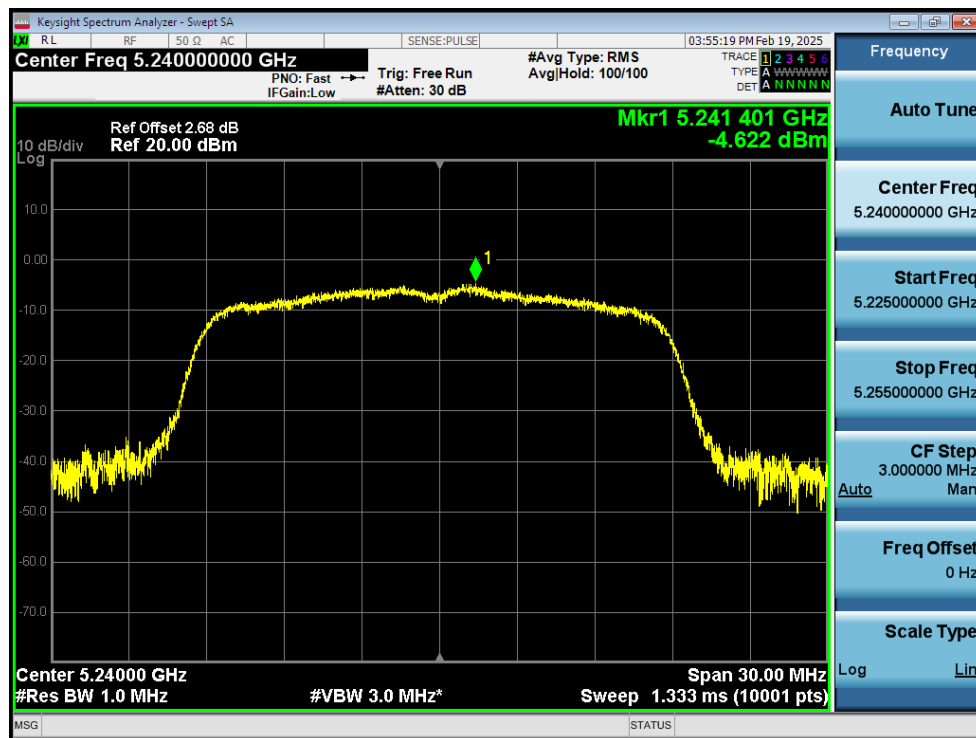
PSD NVNT a 5240MHz Ant1



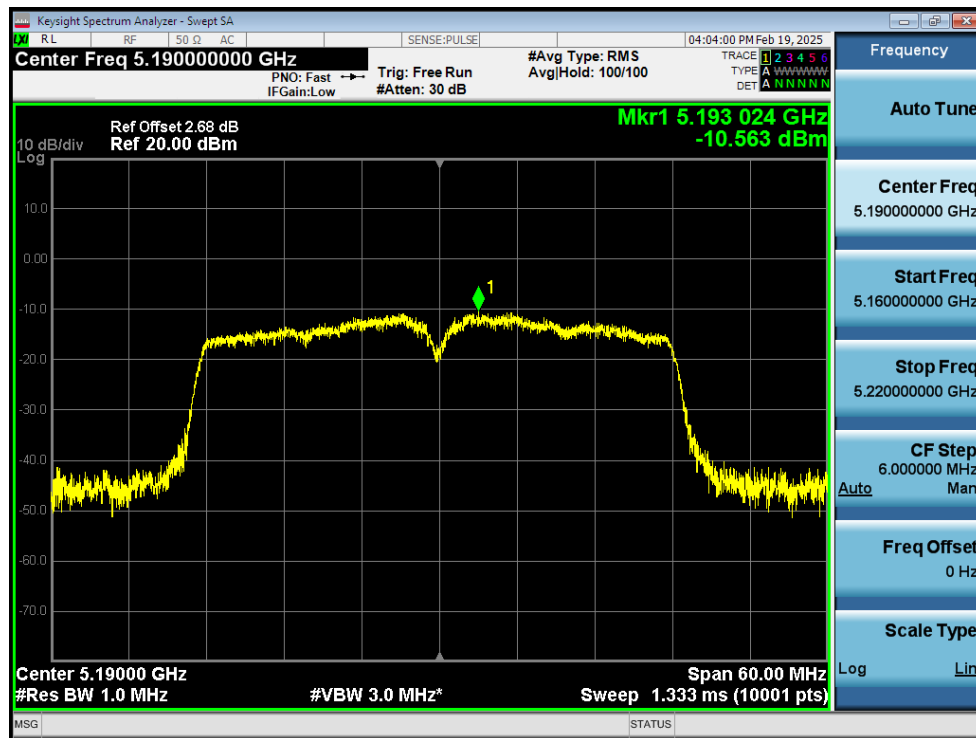
PSD NVNT n20 5180MHz Ant1



PSD NVNT n20 5200MHz Ant1



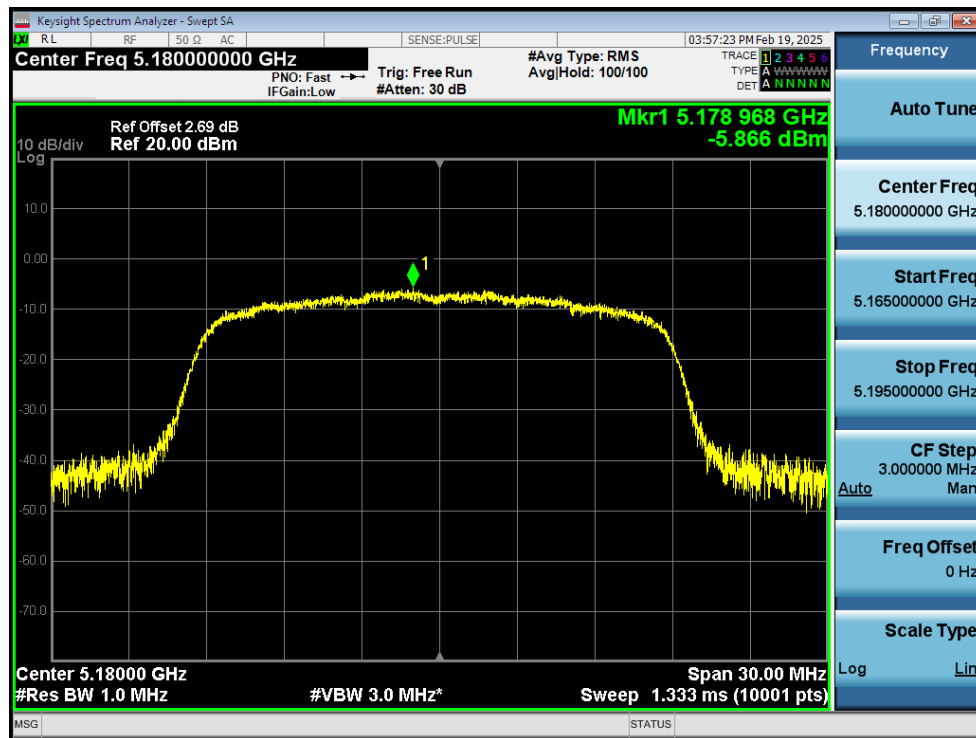
PSD NVNT n20 5240MHz Ant1



PSD NVNT n40 5190MHz Ant1



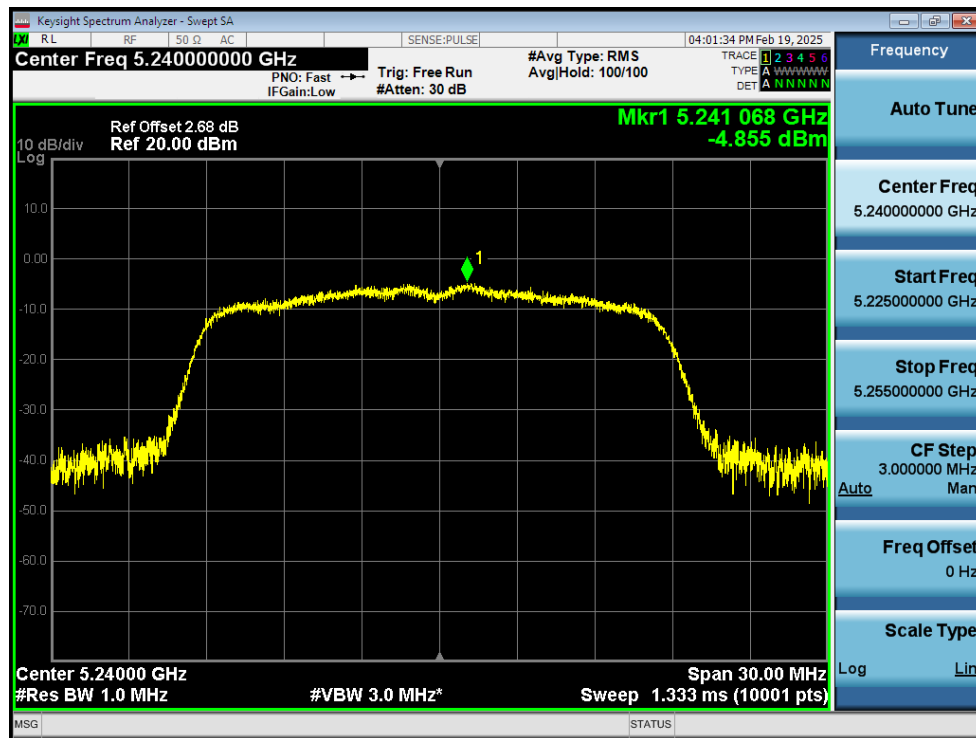
PSD NVNT n40 5230MHz Ant1



PSD NVNT ac20 5180MHz Ant1



PSD NVNT ac20 5200MHz Ant1



PSD NVNT ac20 5240MHz Ant1



PSD NVNT ac40 5190MHz Ant1



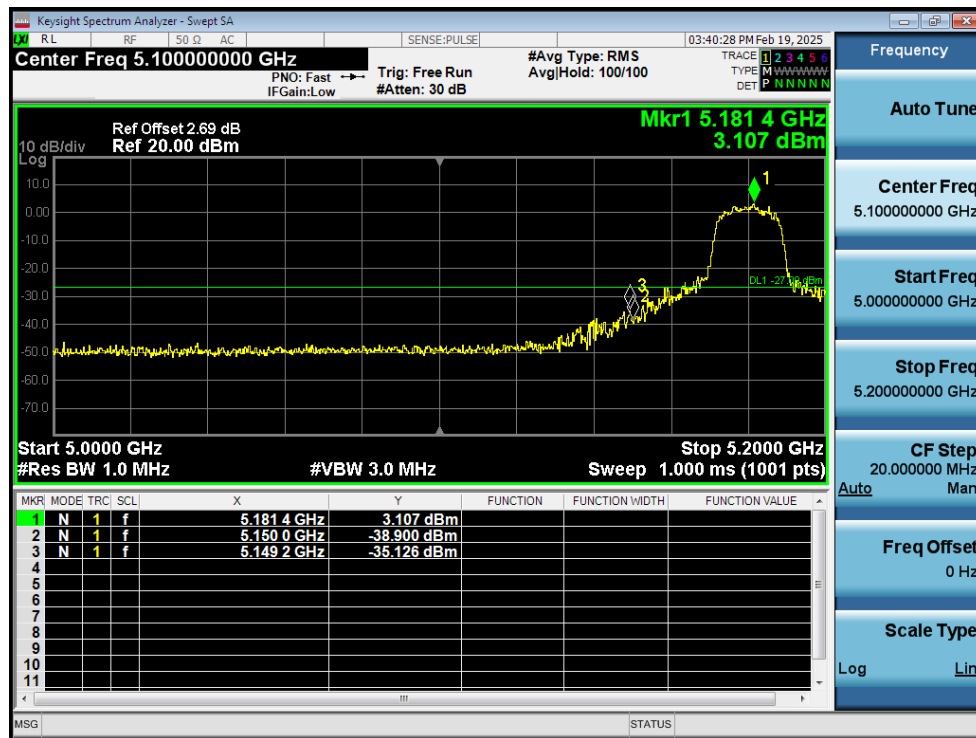
PSD NVNT ac40 5230MHz Ant1



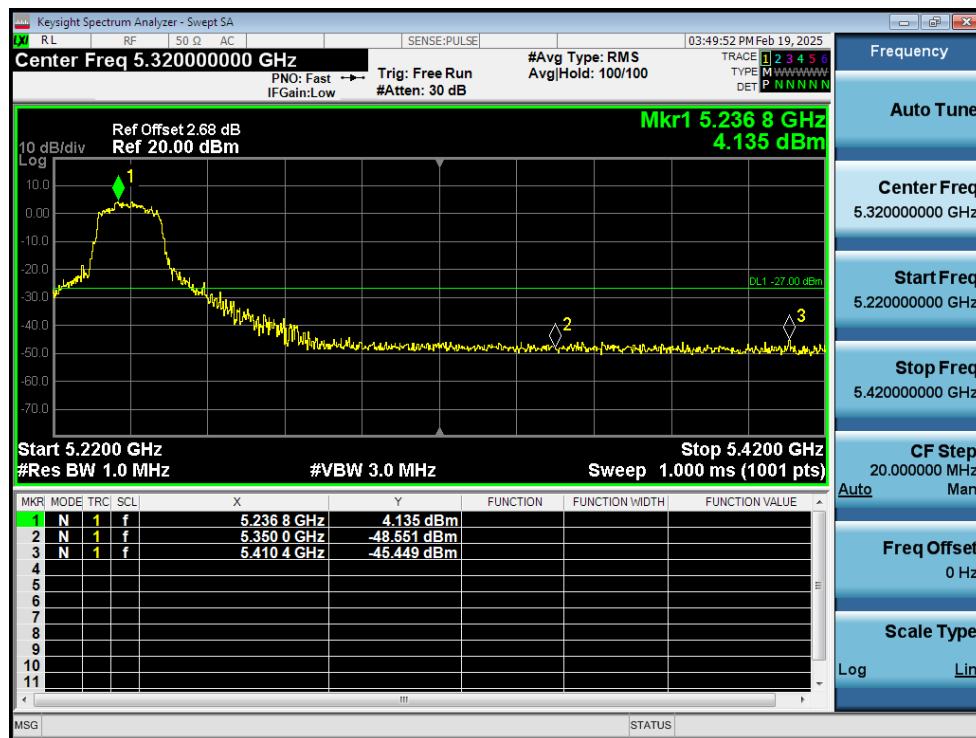
PSD NVNT ac80 5210MHz Ant1

6. Band Edge

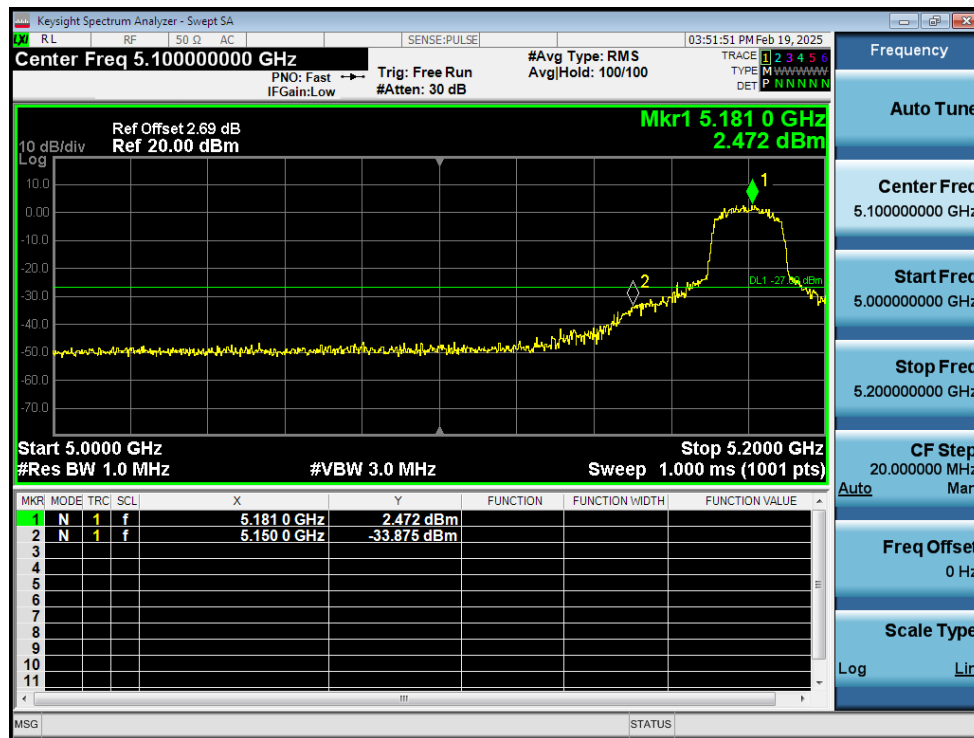
Condition	Mode	Frequency (MHz)	Antenna	Max Value (dBc)	Limit (dBc)	Verdict
NVNT	a	5180	Ant1	-35.12	-27	Pass
NVNT	a	5240	Ant1	-45.44	-27	Pass
NVNT	n20	5180	Ant1	-33.87	-27	Pass
NVNT	n20	5240	Ant1	-45.79	-27	Pass
NVNT	n40	5190	Ant1	-35.01	-27	Pass
NVNT	n40	5230	Ant1	-46.28	-27	Pass
NVNT	ac20	5180	Ant1	-33.95	-27	Pass
NVNT	ac20	5240	Ant1	-45.89	-27	Pass
NVNT	ac40	5190	Ant1	-29.95	-27	Pass
NVNT	ac40	5230	Ant1	-46.15	-27	Pass
NVNT	ac80	5210	Ant1	-38.61	-27	Pass
NVNT	ac80	5210	Ant1	-33.3	-27	Pass



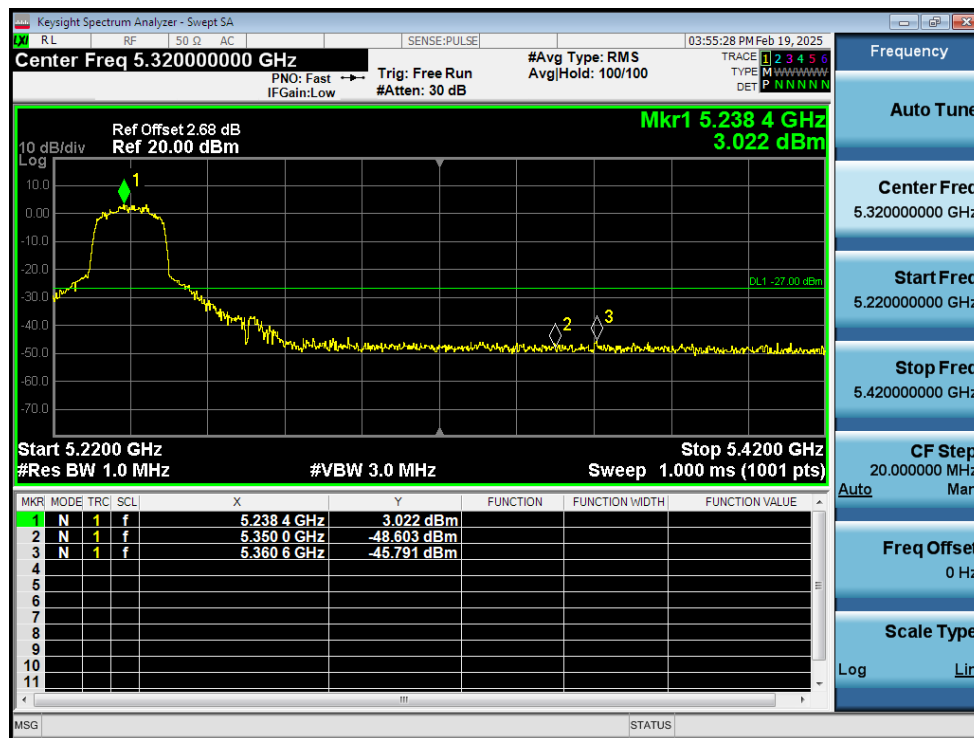
Band Edge NVNT a 5180MHz Low Ant1



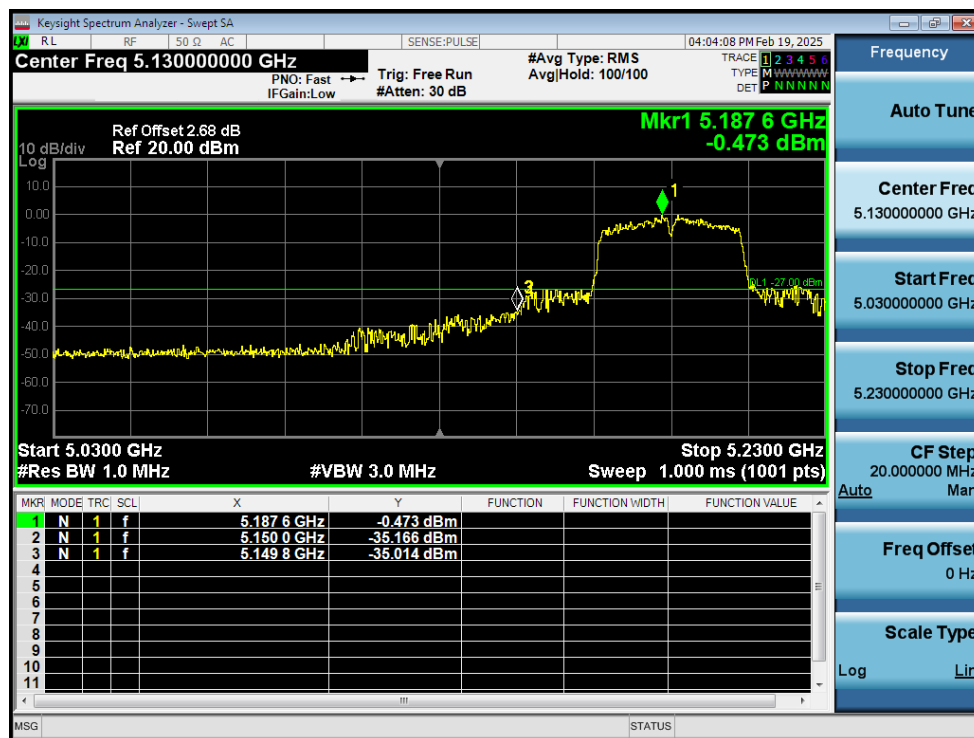
Band Edge NVNT a 5240MHz High Ant1



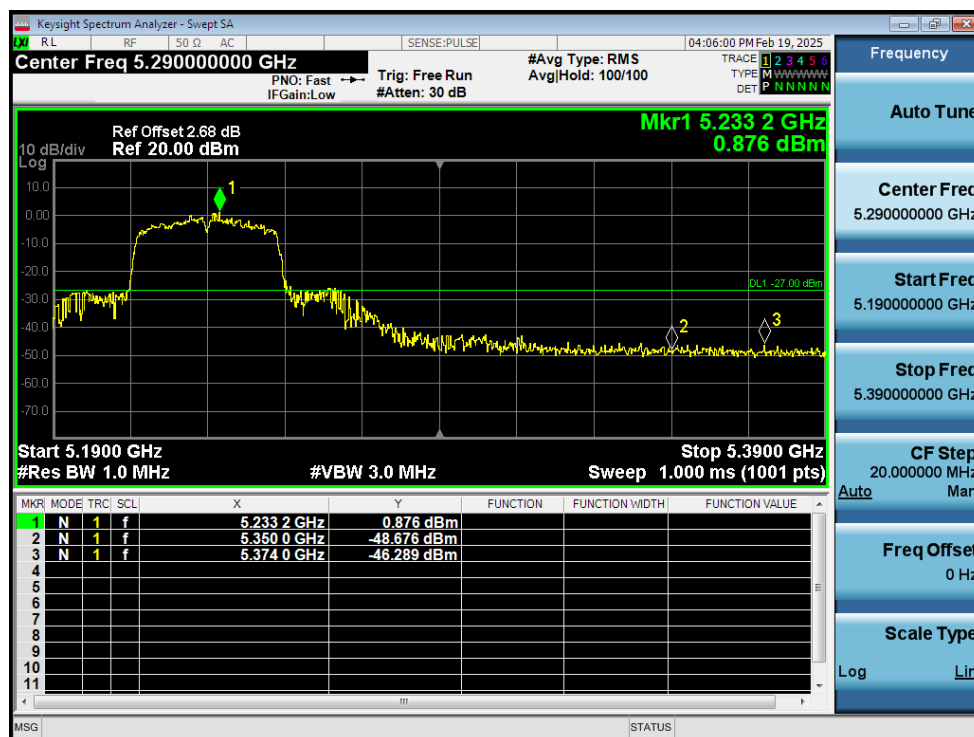
Band Edge NVNT n20 5180MHz Low Ant1



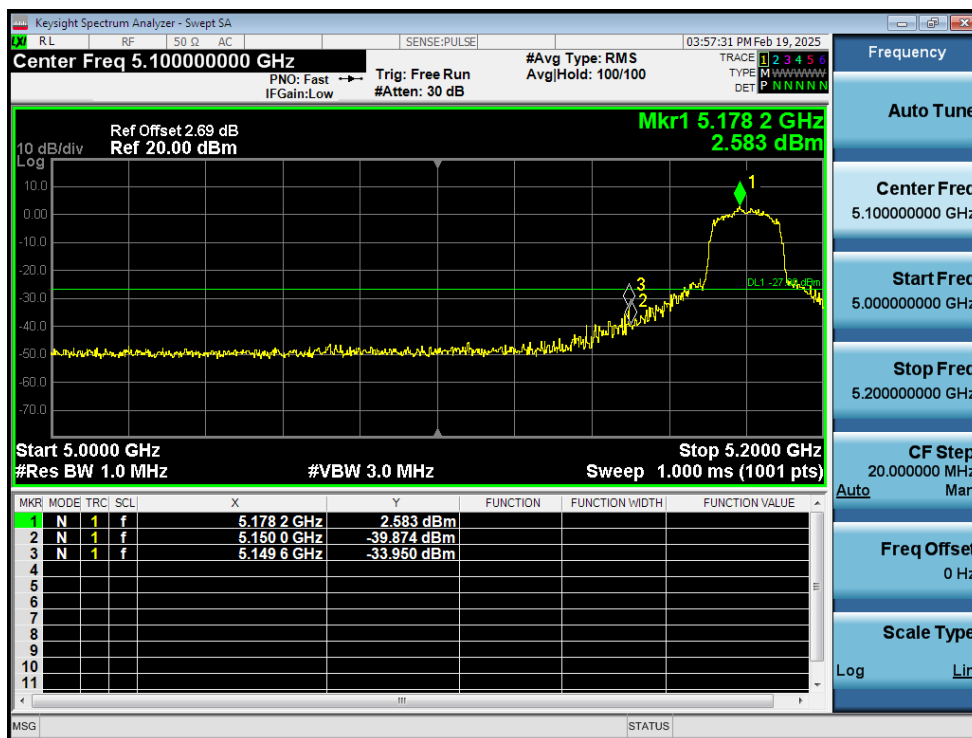
Band Edge NVNT n20 5240MHz High Ant1



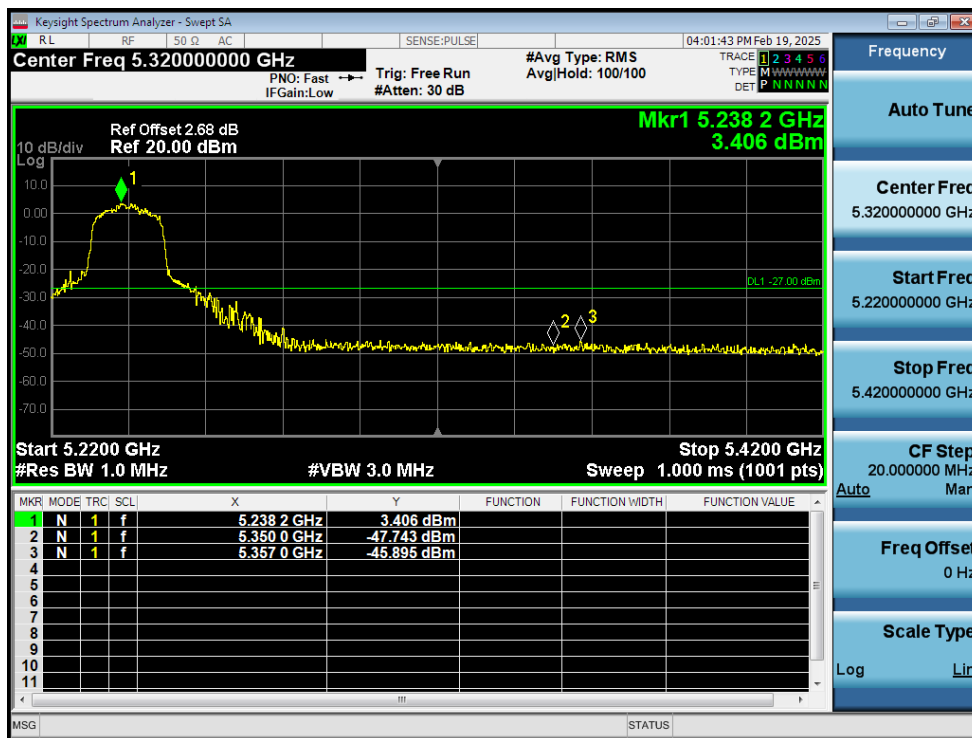
Band Edge NVNT n40 5190MHz Low Ant1



Band Edge NVNT n40 5230MHz High Ant1



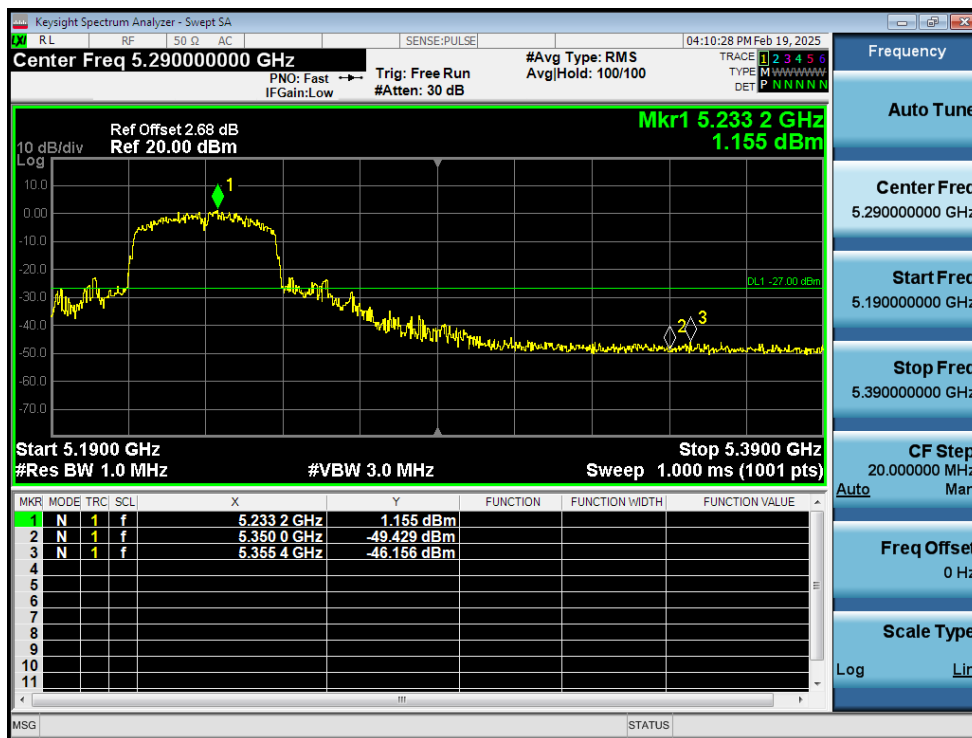
Band Edge NVNT ac20 5180MHz Low Ant1



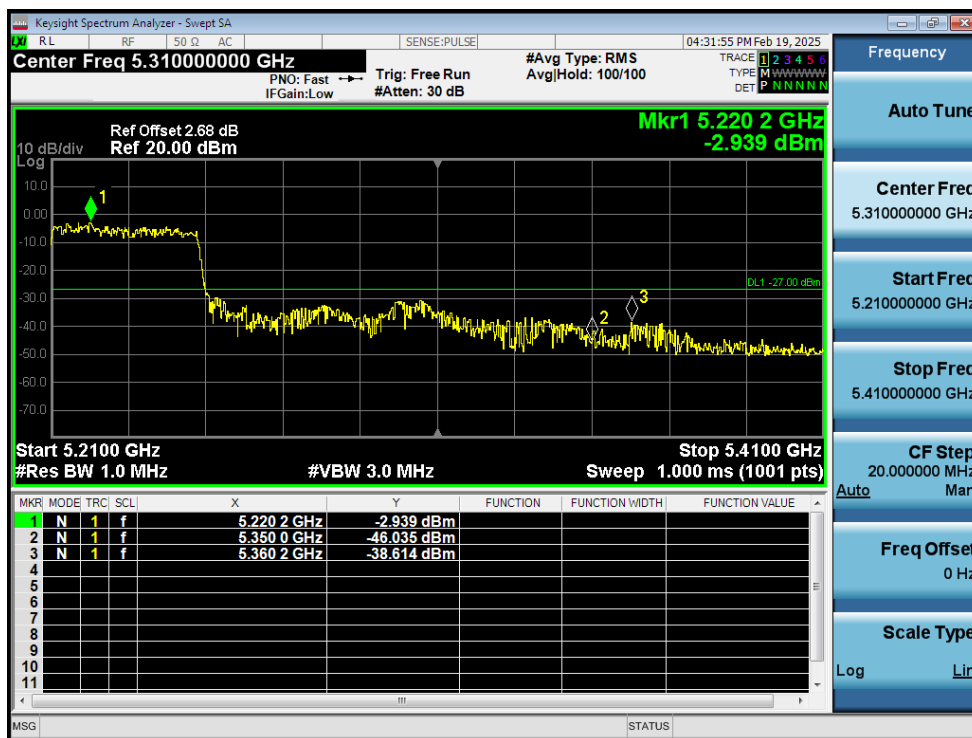
Band Edge NVNT ac20 5240MHz High Ant1



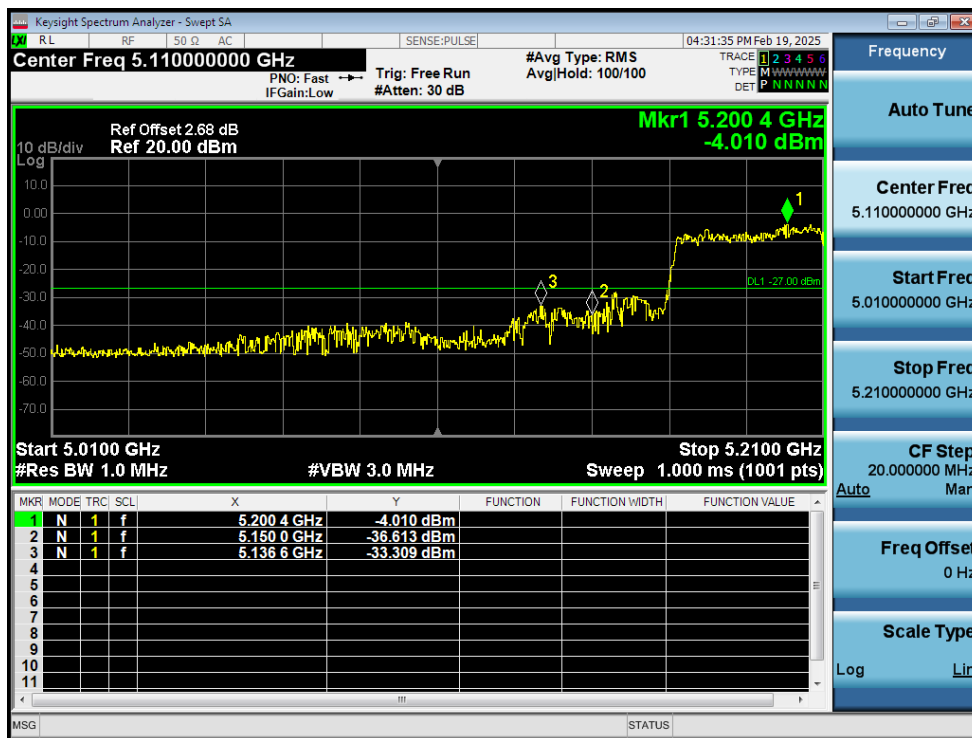
Band Edge NVNT ac40 5190MHz Low Ant1



Band Edge NVNT ac40 5230MHz High Ant1



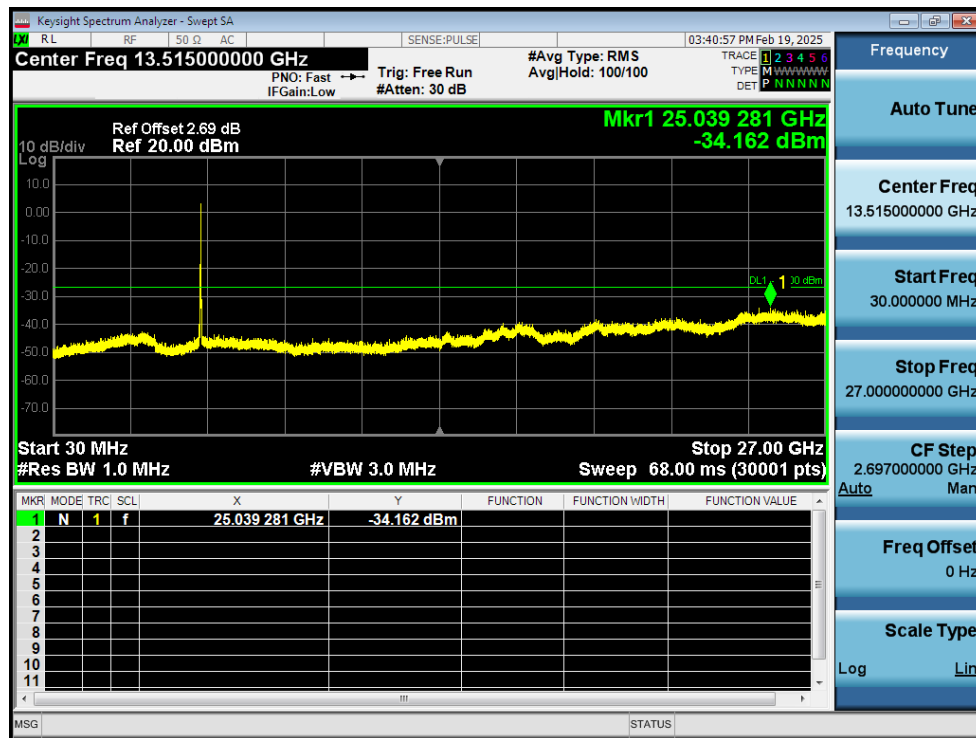
Band Edge NVNT ac80 5210MHz High Ant1



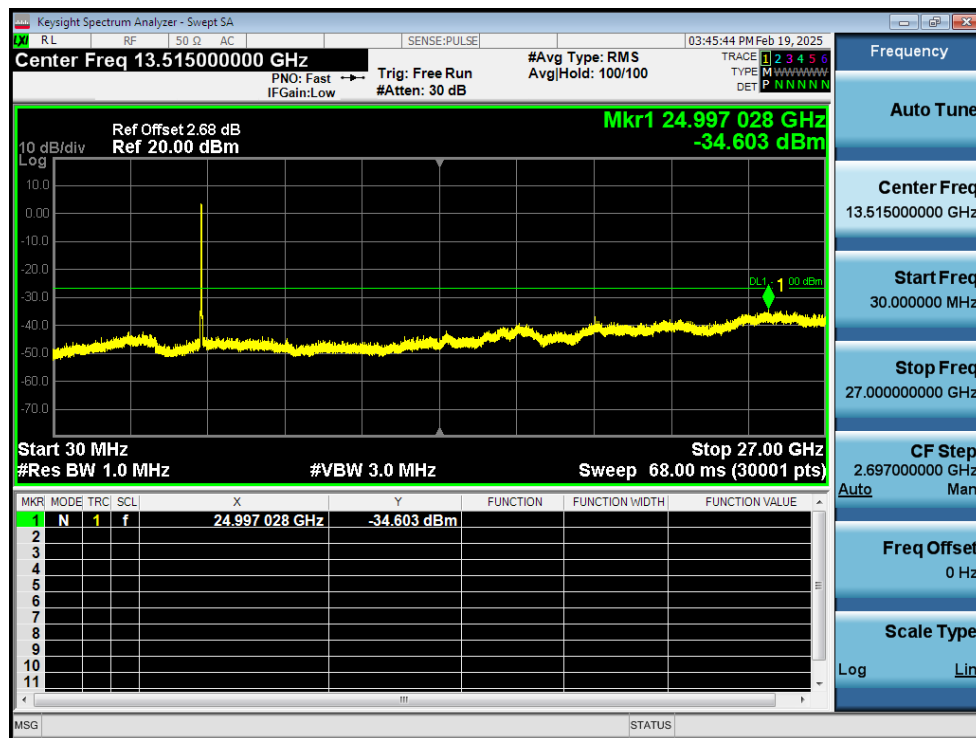
Band Edge NVNT ac80 5210MHz Low Ant1

7. Conducted RF Spurious Emission

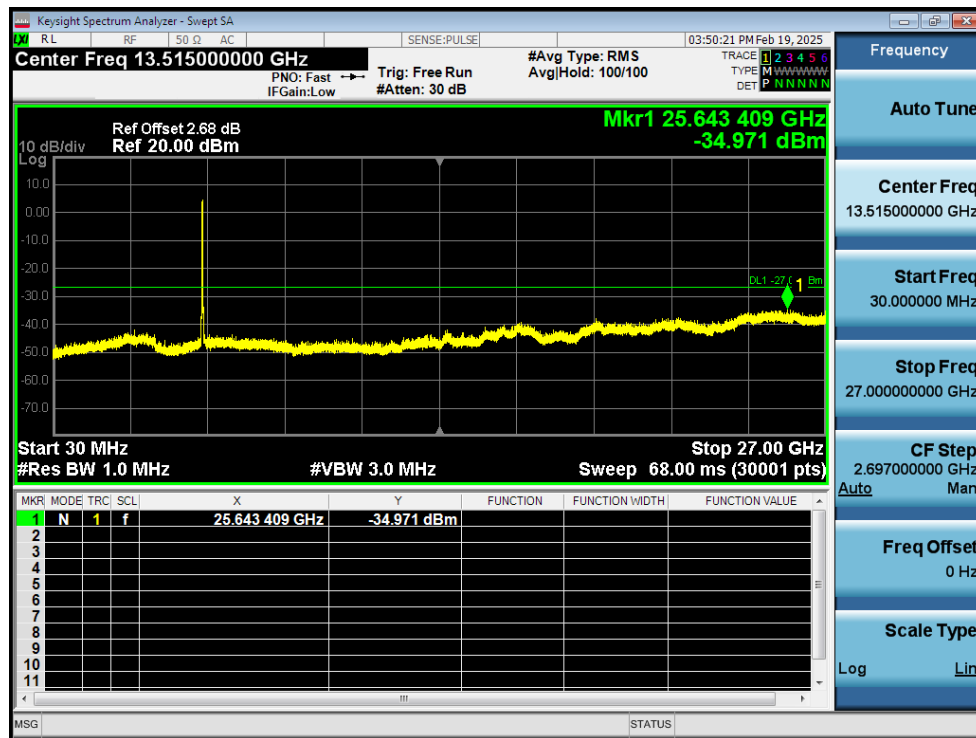
Condition	Mode	Frequency (MHz)	Antenna	Max Value (dBc)	Limit (dBc)	Verdict
NVNT	a	5180	Ant1	-34.16	-27	Pass
NVNT	a	5200	Ant1	-34.6	-27	Pass
NVNT	a	5240	Ant1	-34.97	-27	Pass
NVNT	n20	5180	Ant1	-34.55	-27	Pass
NVNT	n20	5200	Ant1	-34.05	-27	Pass
NVNT	n20	5240	Ant1	-34.93	-27	Pass
NVNT	n40	5190	Ant1	-33.92	-27	Pass
NVNT	n40	5230	Ant1	-34.67	-27	Pass
NVNT	ac20	5180	Ant1	-34.34	-27	Pass
NVNT	ac20	5200	Ant1	-34.34	-27	Pass
NVNT	ac20	5240	Ant1	-34.45	-27	Pass
NVNT	ac40	5190	Ant1	-33.92	-27	Pass
NVNT	ac40	5230	Ant1	-34.3	-27	Pass
NVNT	ac80	5210	Ant1	-33.72	-27	Pass



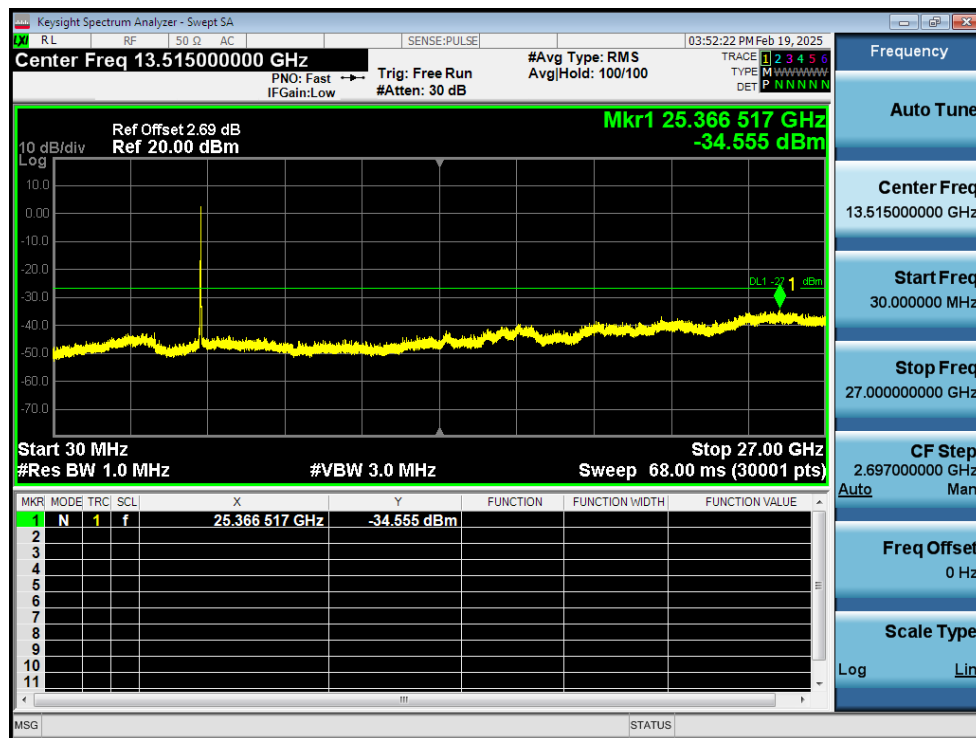
Tx. Spurious NVNT a 5180MHz Ant1 Emission



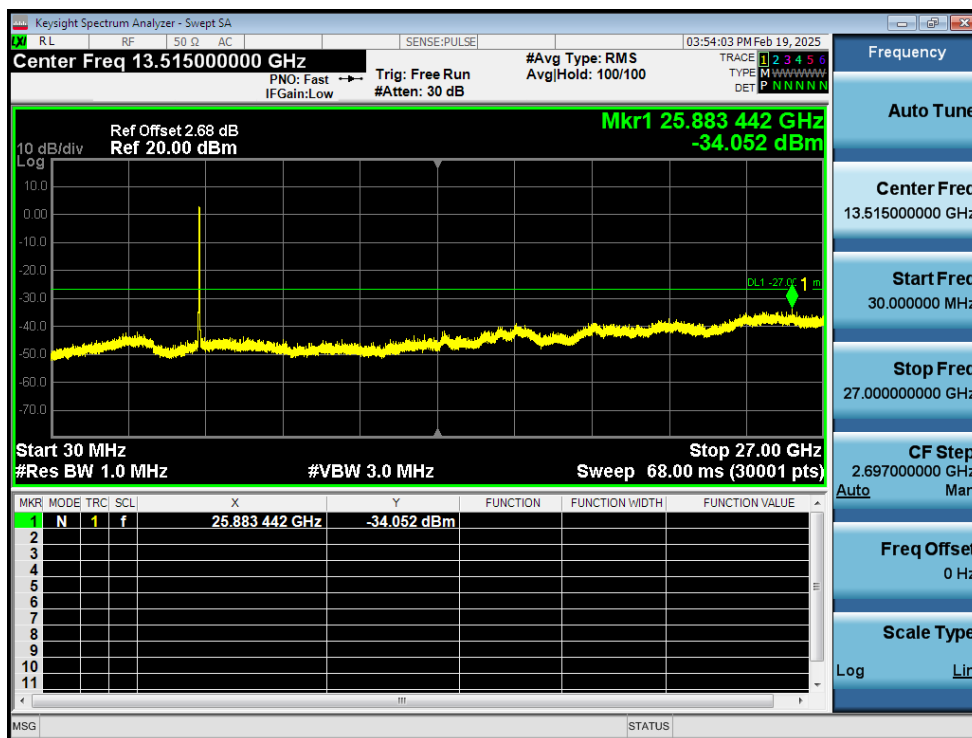
Tx. Spurious NVNT a 5200MHz Ant1 Emission



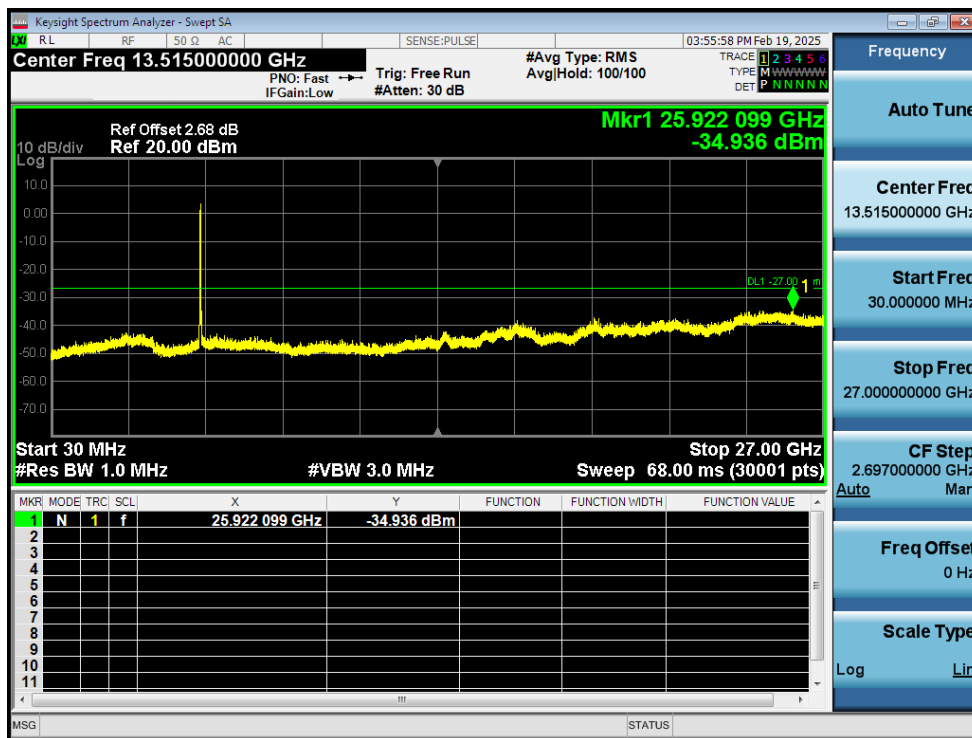
Tx. Spurious NVNT a 5240MHz Ant1 Emission



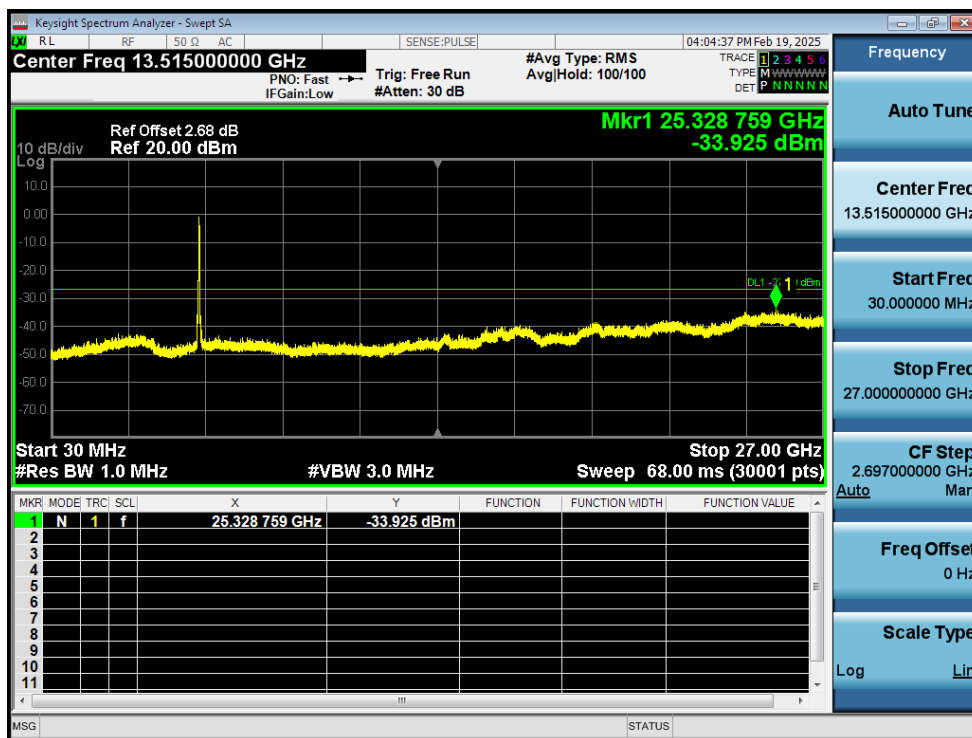
Tx. Spurious NVNT n20 5180MHz Ant1 Emission



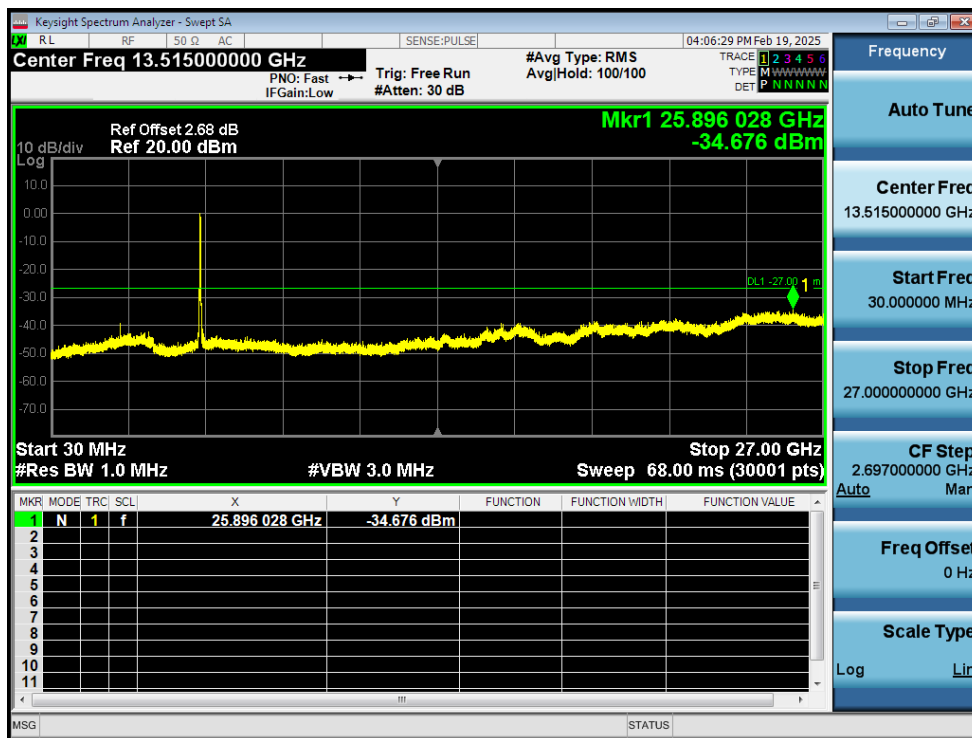
Tx. Spurious NVNT n20 5200MHz Ant1 Emission



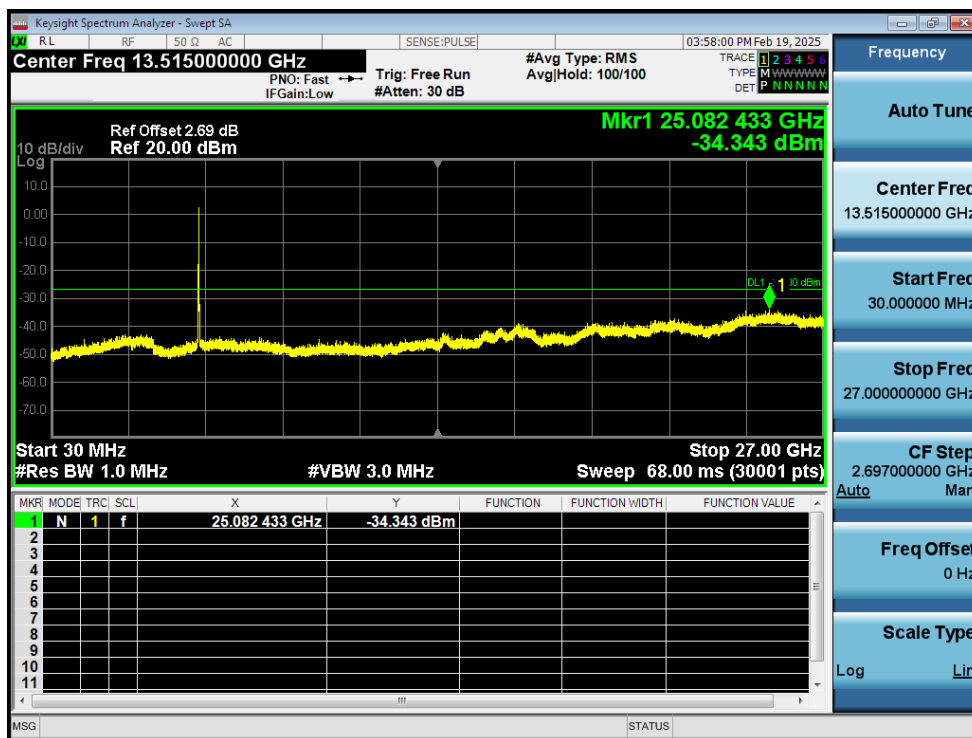
Tx. Spurious NVNT n20 5240MHz Ant1 Emission



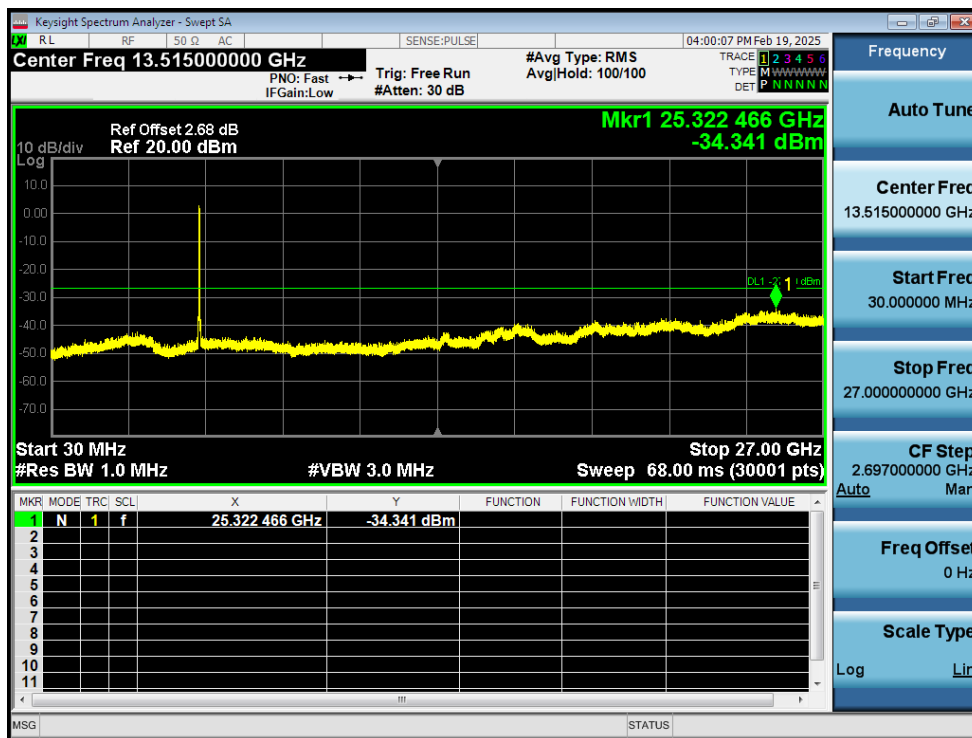
Tx. Spurious NVNT n40 5190MHz Ant1 Emission



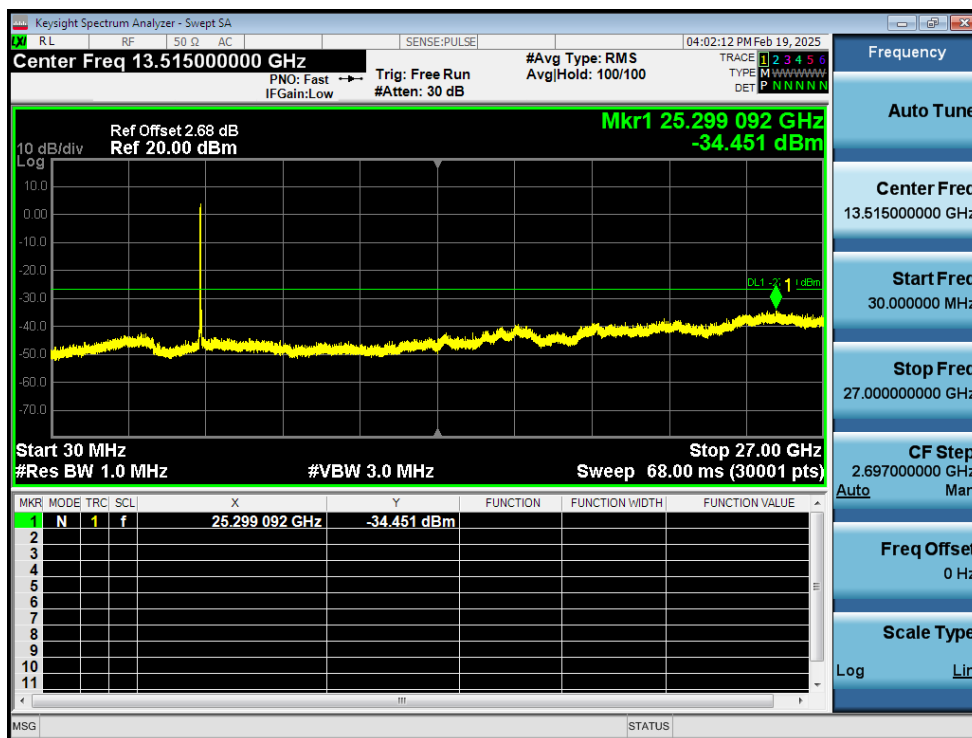
Tx. Spurious NVNT n40 5230MHz Ant1 Emission



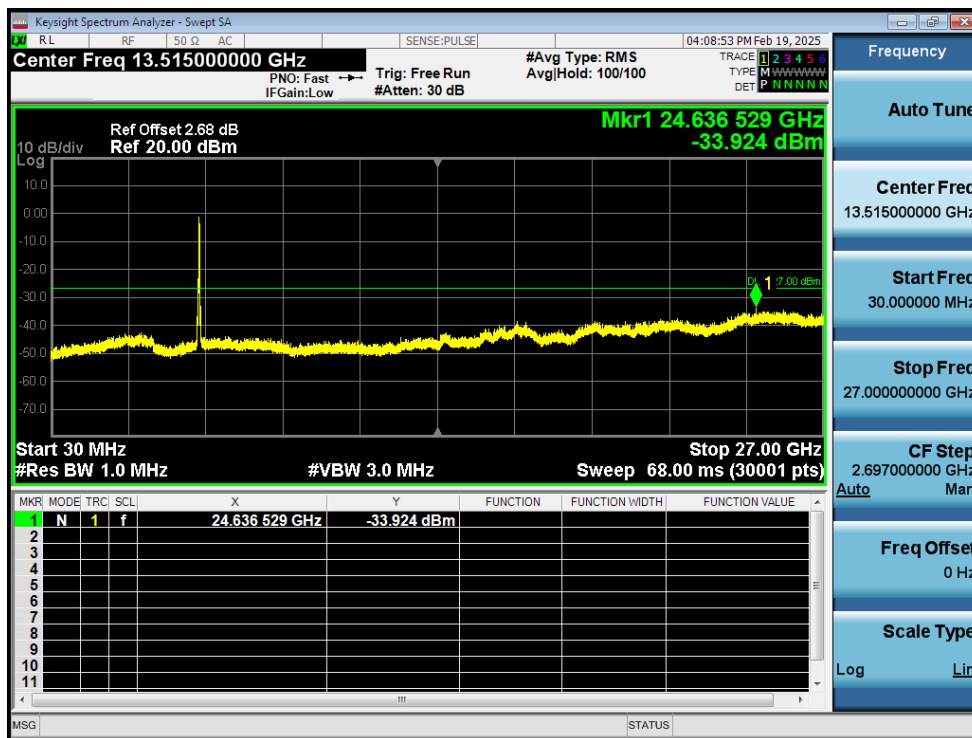
Tx. Spurious NVNT ac20 5180MHz Ant1 Emission



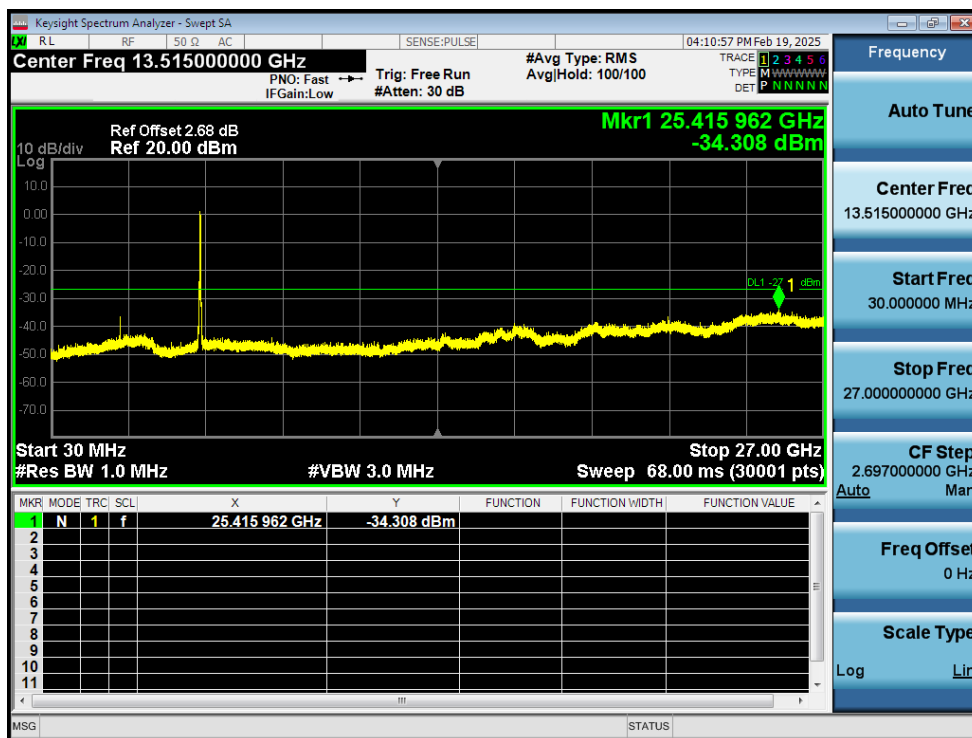
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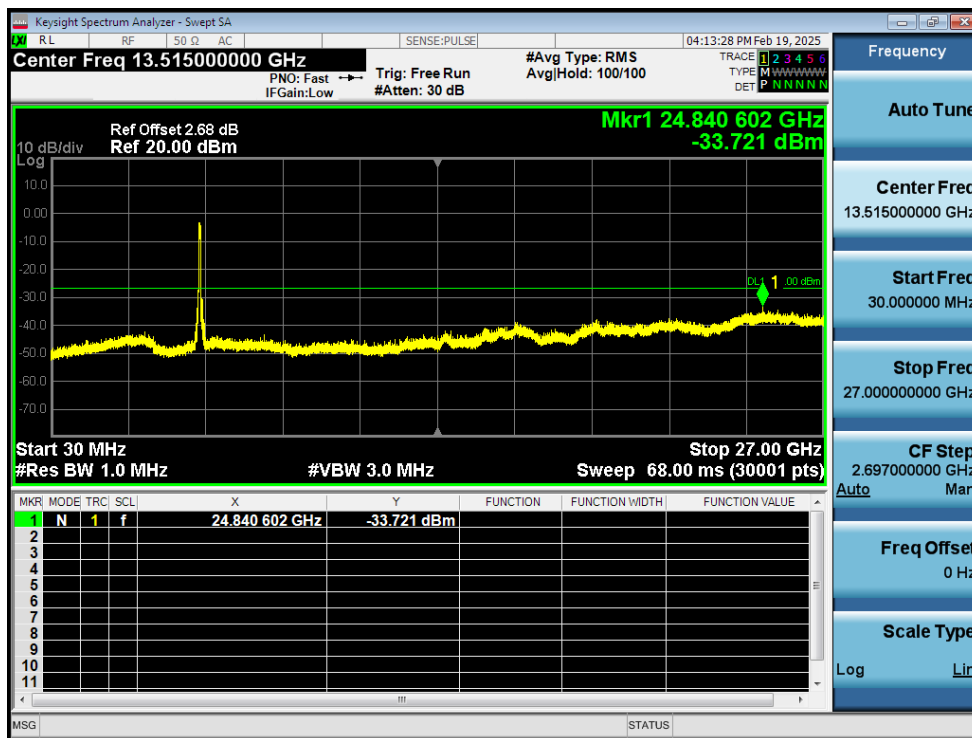
Tx. Spurious NVNT ac20 5240MHz Ant1 Emission



Tx. Spurious NVNT ac40 5190MHz Ant1 Emission



Tx. Spurious NVNT ac40 5230MHz Ant1 Emission



Tx. Spurious NVNT ac80 5210MHz Ant1 Emission