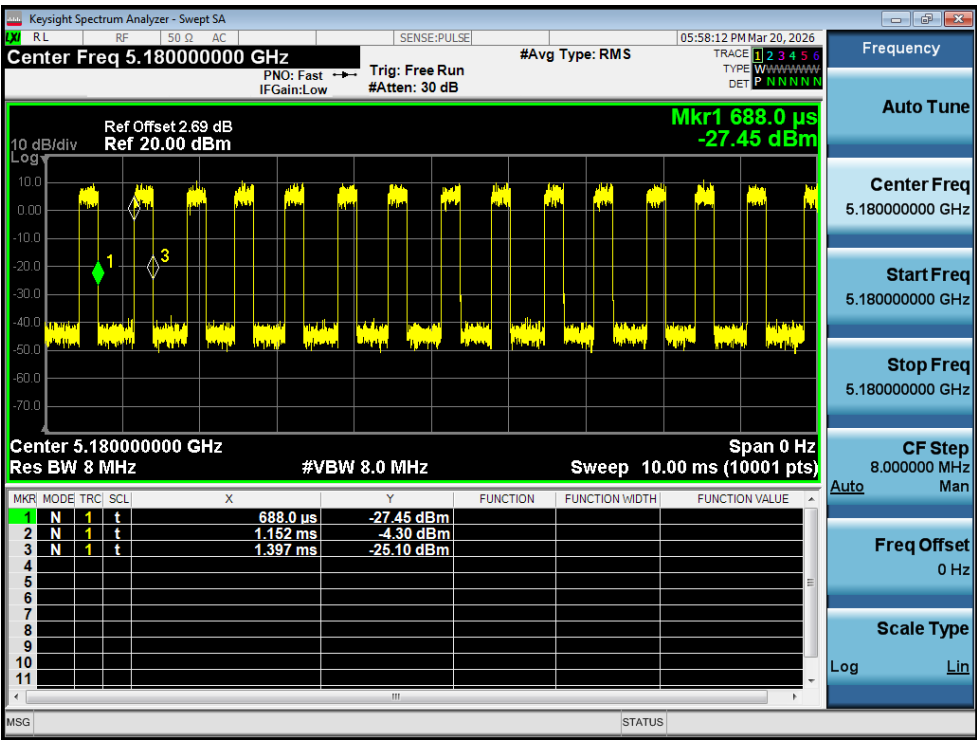
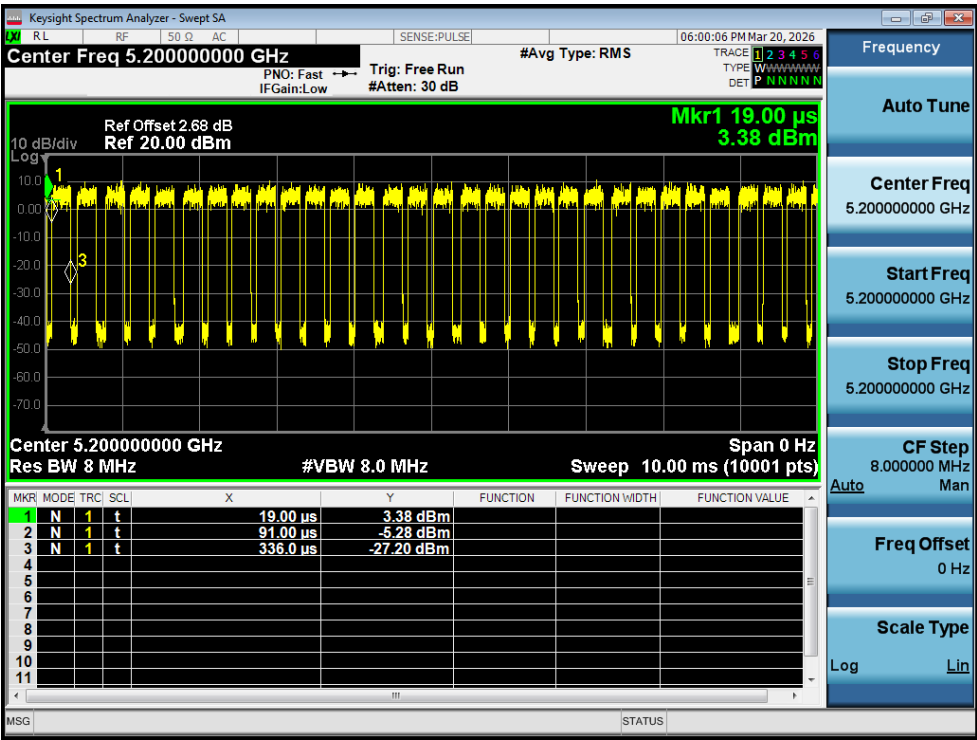


1. Duty Cycle

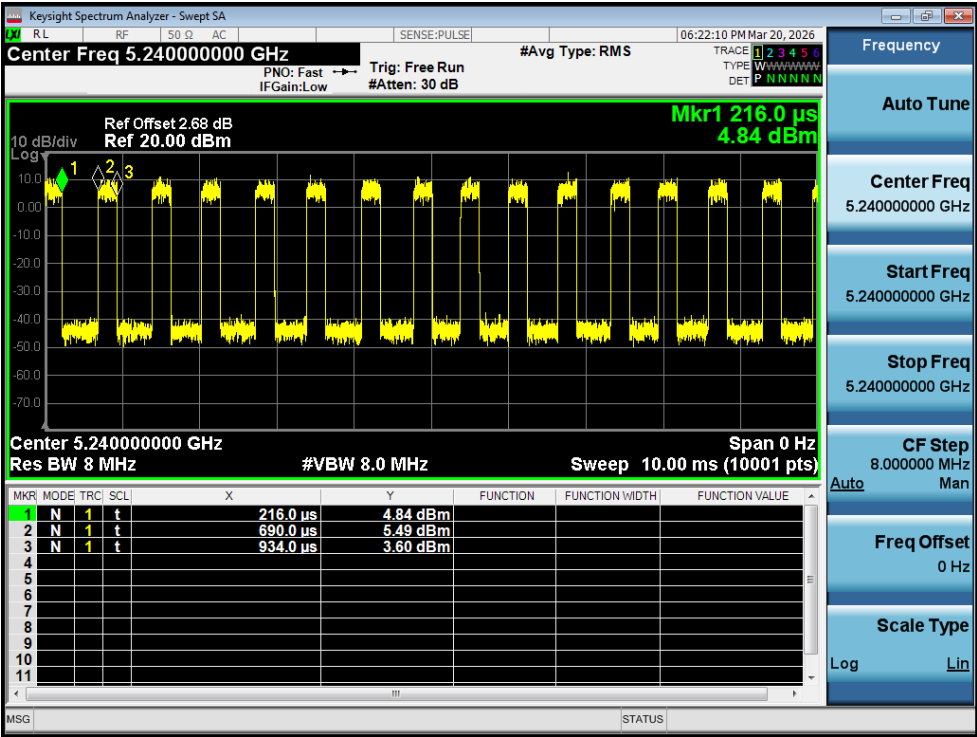
Condition	Mode	Frequency (MHz)	Antenna	Duty Cycle (%)	Correction Factor (dB)	1/T (kHz)
NVNT	a	5180	Ant1	34.56	4.61	4.08
NVNT	a	5200	Ant1	77.29	1.12	4.08
NVNT	a	5240	Ant1	33.98	4.69	4.1
NVNT	n20	5180	Ant1	57.44	2.41	4.46
NVNT	n20	5200	Ant1	52.58	2.79	4.46
NVNT	n20	5240	Ant1	53.72	2.7	4.46
NVNT	n40	5190	Ant1	42.72	3.69	7.75
NVNT	n40	5230	Ant1	48.69	3.13	7.69



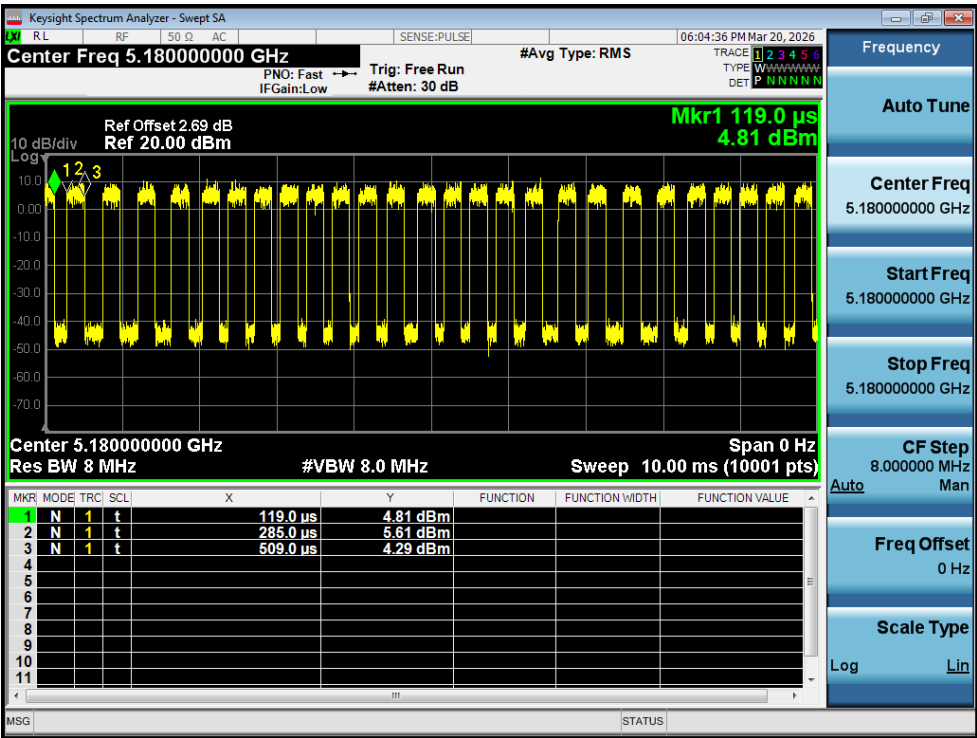
Duty Cycle NVNT a 5180MHz Ant1



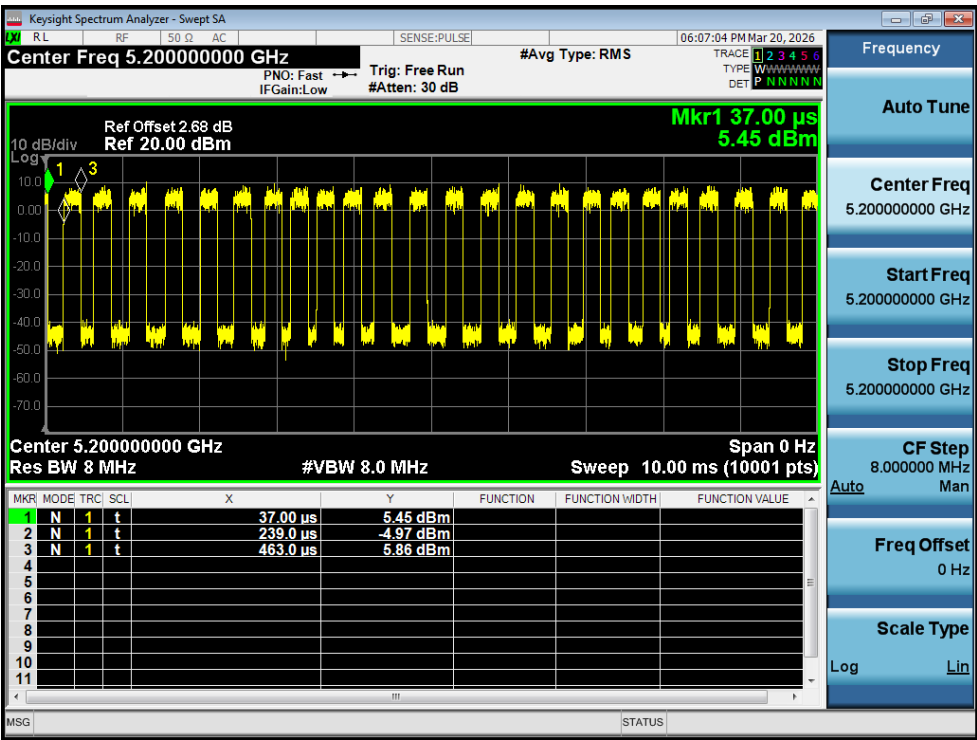
Duty Cycle NVNT a 5200MHz Ant1



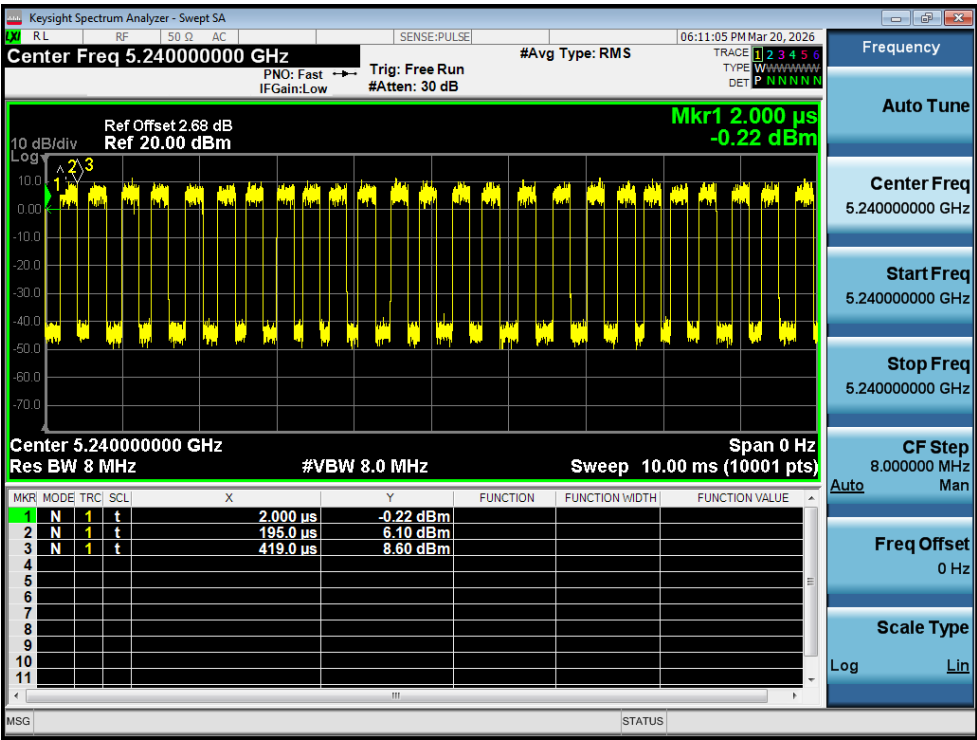
Duty Cycle NVNT a 5240MHz Ant1



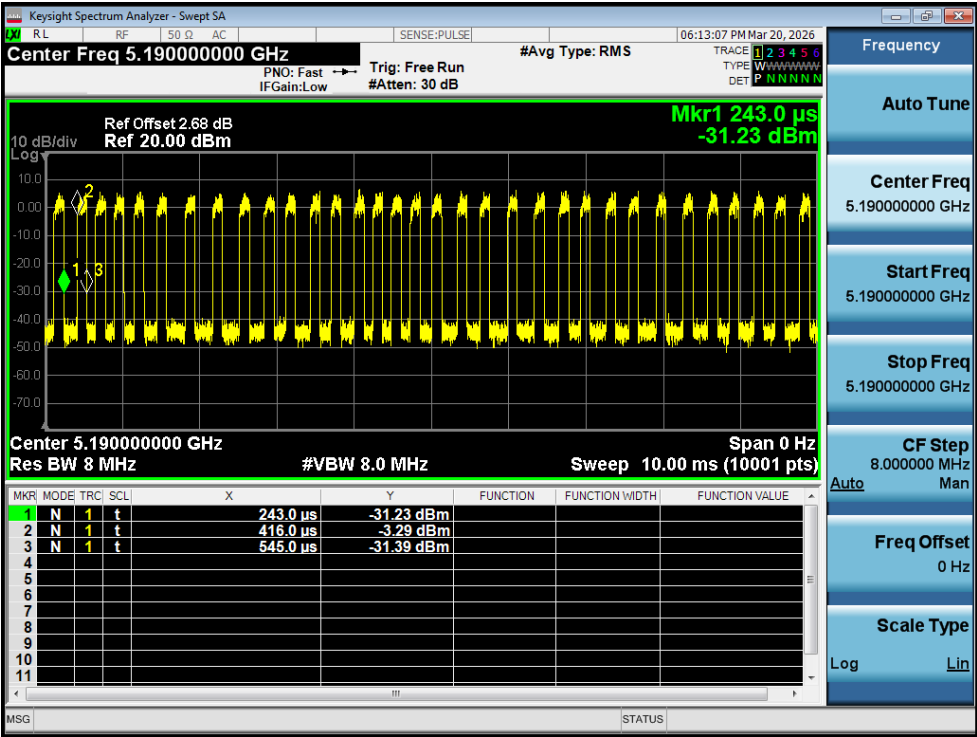
Duty Cycle NVNT n20 5180MHz Ant1



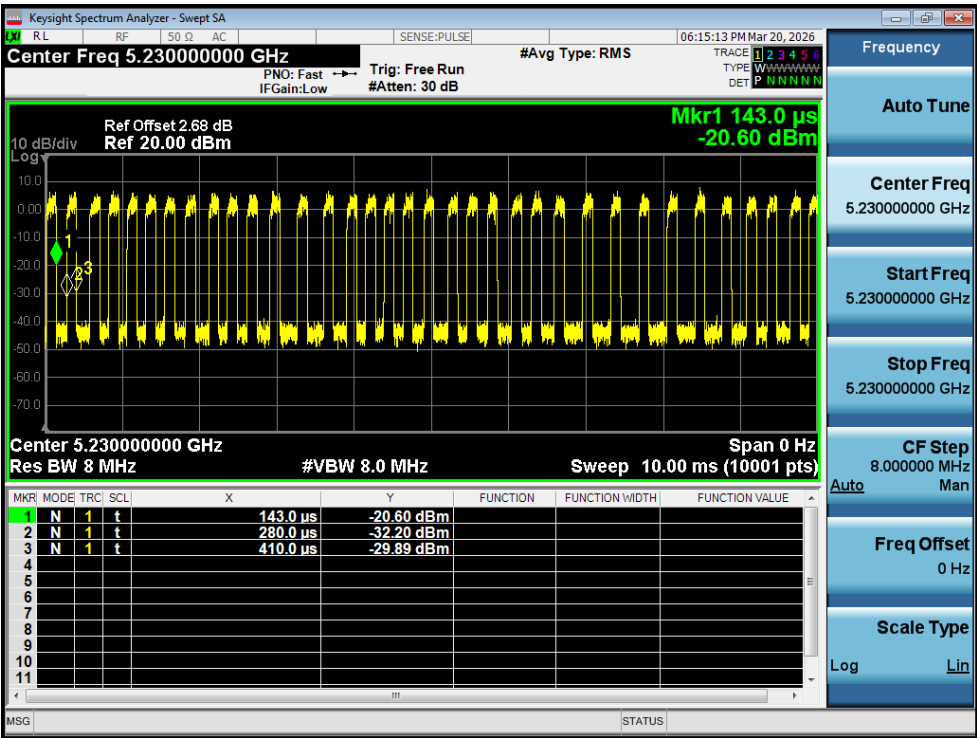
Duty Cycle NVNT n20 5200MHz Ant1



Duty Cycle NVNT n20 5240MHz Ant1



Duty Cycle NVNT n40 5190MHz Ant1

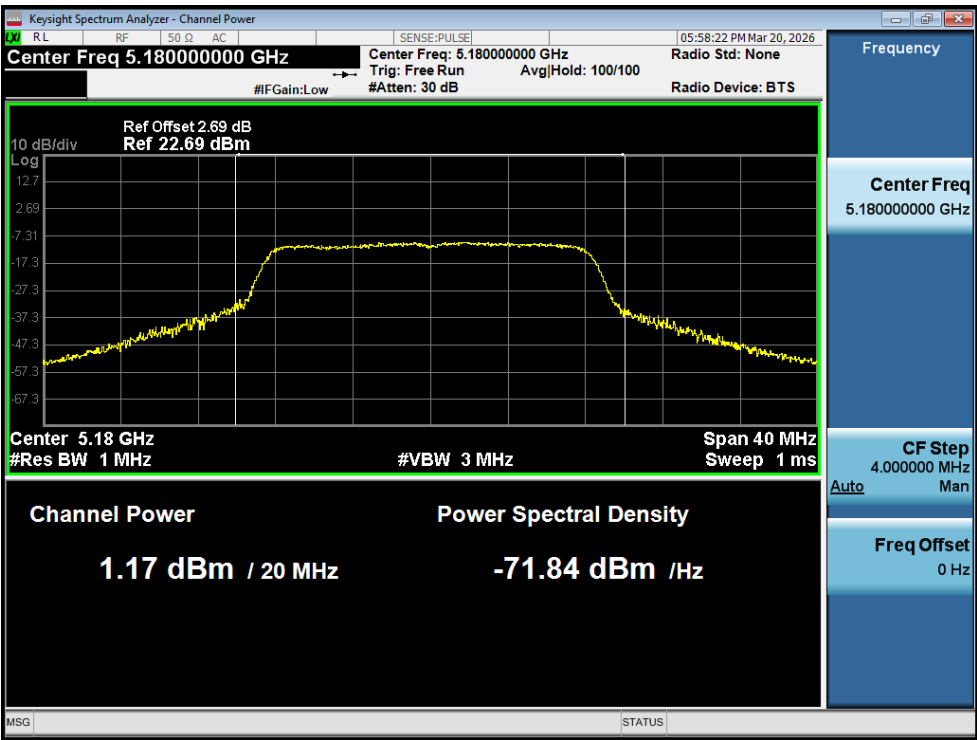


Duty Cycle NVNT n40 5230MHz Ant1

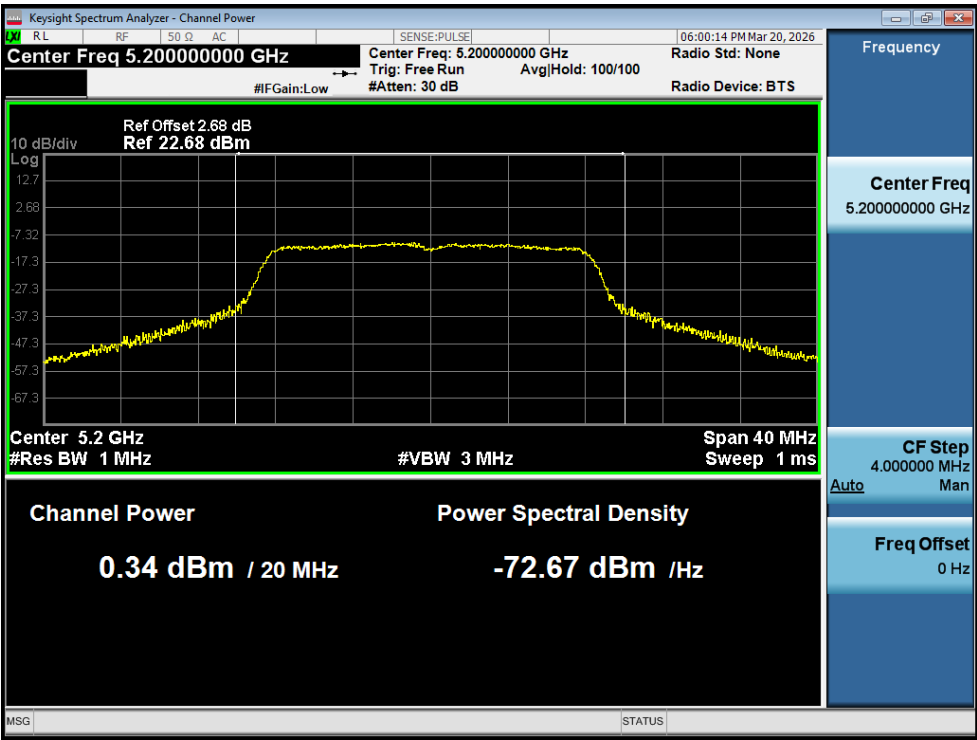
2. Maximum Conducted Output Power

Condition	Mode	Frequency (MHz)	Antenna	Conducted Power (dBm)	Duty Factor (dB)	Total Power (dBm)	Limit (dBm)	Verdict
NVNT	a	5180	Ant1	1.17	4.61	5.78	24	Pass
NVNT	a	5200	Ant1	0.34	1.12	1.46	24	Pass
NVNT	a	5240	Ant1	-2.55	4.69	2.14	24	Pass
NVNT	n20	5180	Ant1	-1.04	2.41	1.37	24	Pass
NVNT	n20	5200	Ant1	0.17	2.79	2.96	24	Pass
NVNT	n20	5240	Ant1	1.52	2.7	4.22	24	Pass
NVNT	n40	5190	Ant1	-3.05	3.69	0.64	24	Pass
NVNT	n40	5230	Ant1	-2.77	3.13	0.36	24	Pass

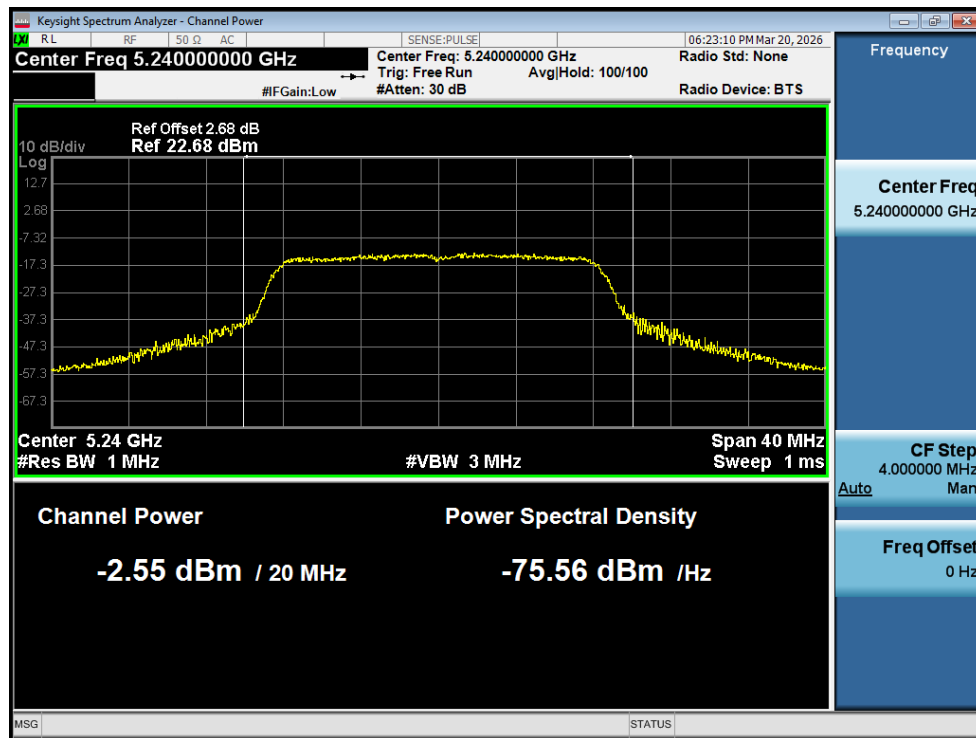
Note: Total power=Conducted power + Duty factor



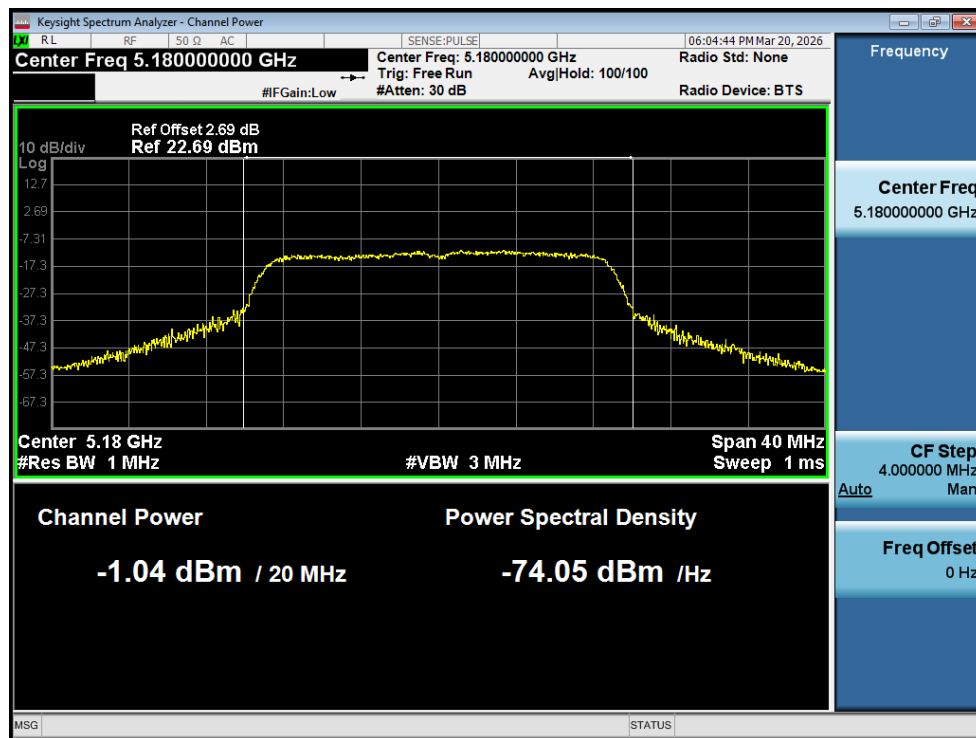
Power NVNT a 5180MHz Ant1



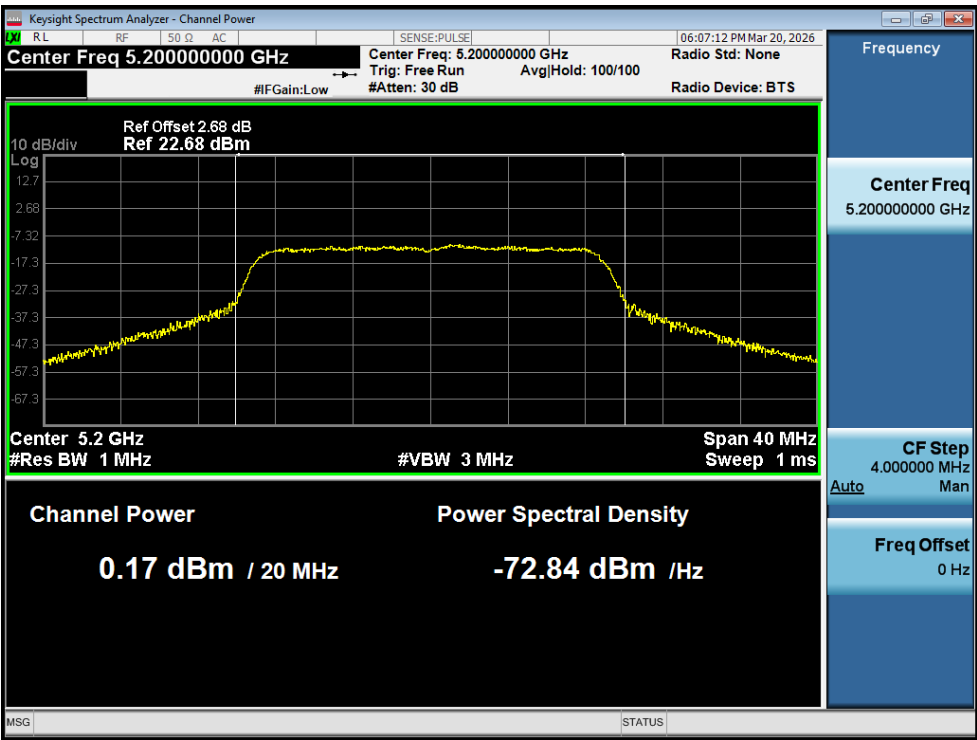
Power NVNT a 5200MHz Ant1



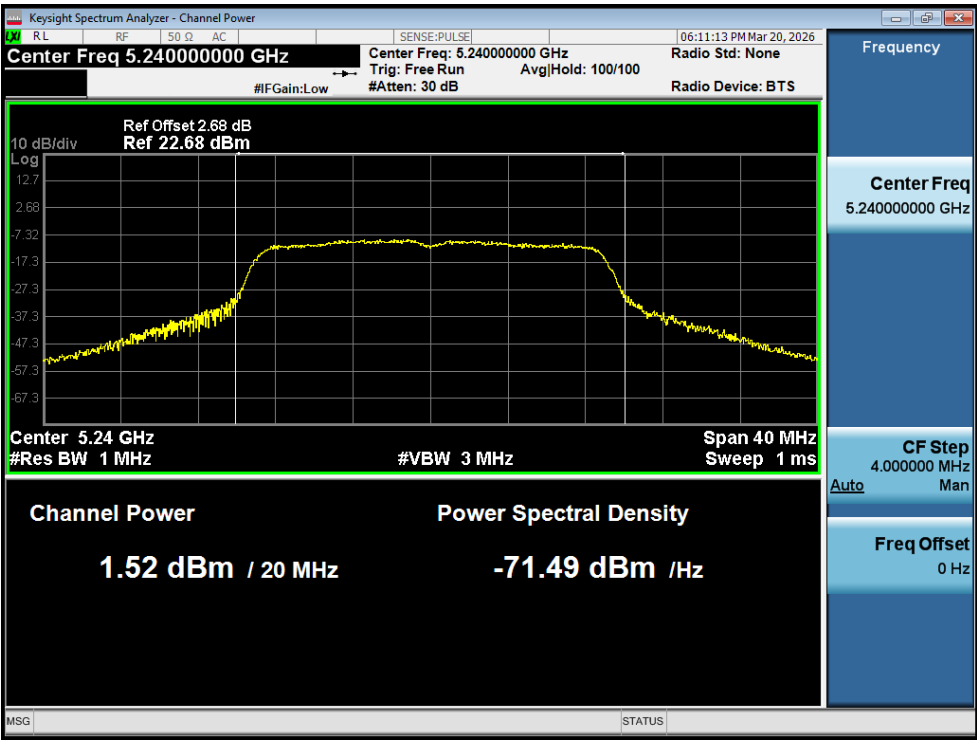
Power NVNT a 5240MHz Ant1



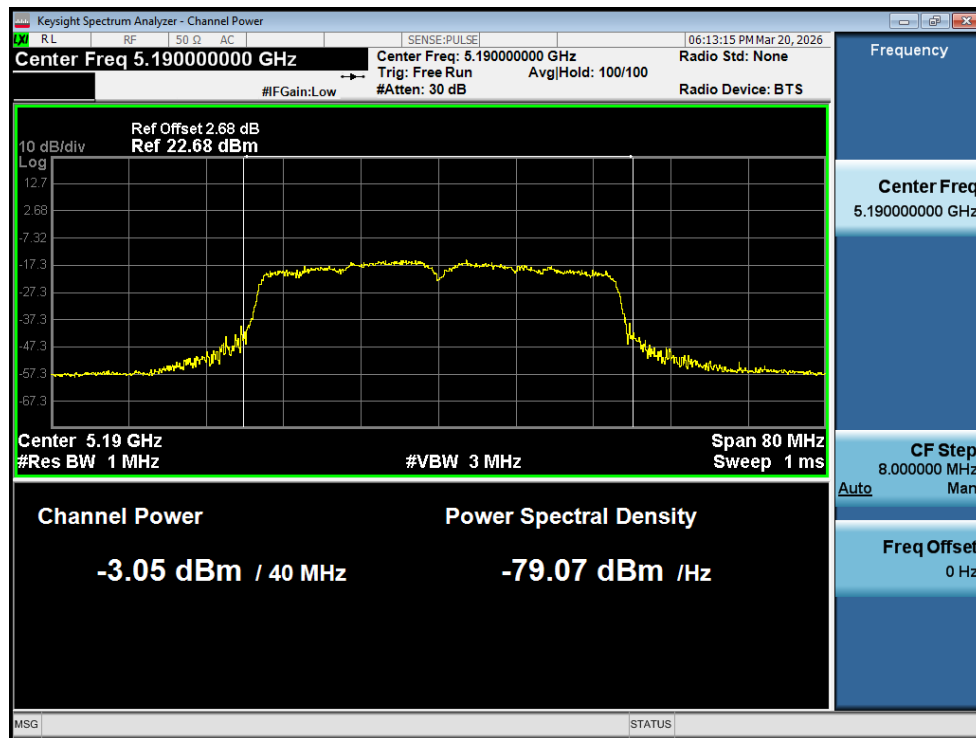
Power NVNT n20 5180MHz Ant1



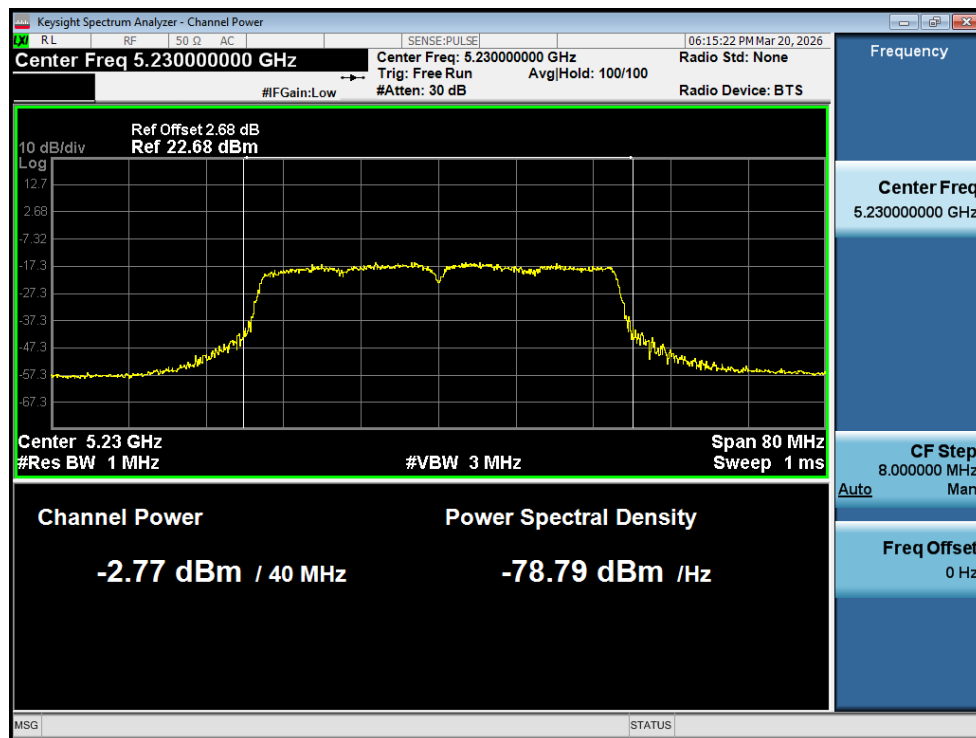
Power NVNT n20 5200MHz Ant1



Power NVNT n20 5240MHz Ant1



Power NVNT n40 5190MHz Ant1



Power NVNT n40 5230MHz Ant1

3. -26dB Bandwidth

Condition	Mode	Frequency (MHz)	Antenna	-26 dB Bandwidth (MHz)	Verdict
NVNT	a	5180	Ant1	22.023	Pass
NVNT	a	5200	Ant1	21.888	Pass
NVNT	a	5240	Ant1	21.579	Pass
NVNT	n20	5180	Ant1	23.238	Pass
NVNT	n20	5200	Ant1	23.588	Pass
NVNT	n20	5240	Ant1	23.148	Pass
NVNT	n40	5190	Ant1	47.486	Pass
NVNT	n40	5230	Ant1	45.965	Pass



-26dB Bandwidth NVNT a 5180MHz Ant1



-26dB Bandwidth NVNT a 5200MHz Ant1



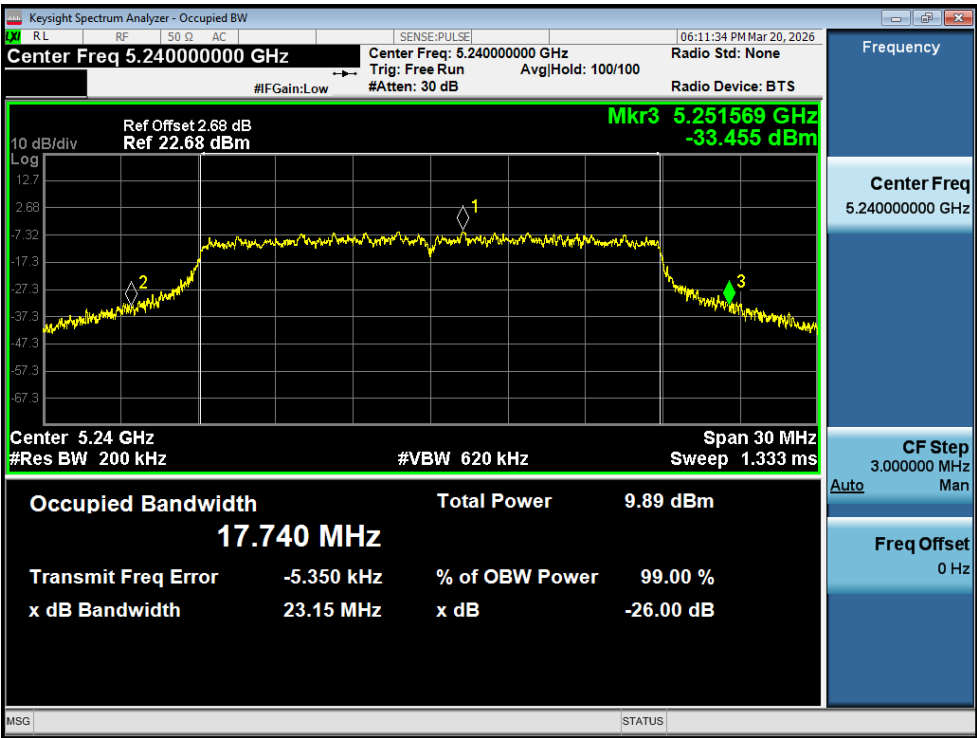
-26dB Bandwidth NVNT a 5240MHz Ant1



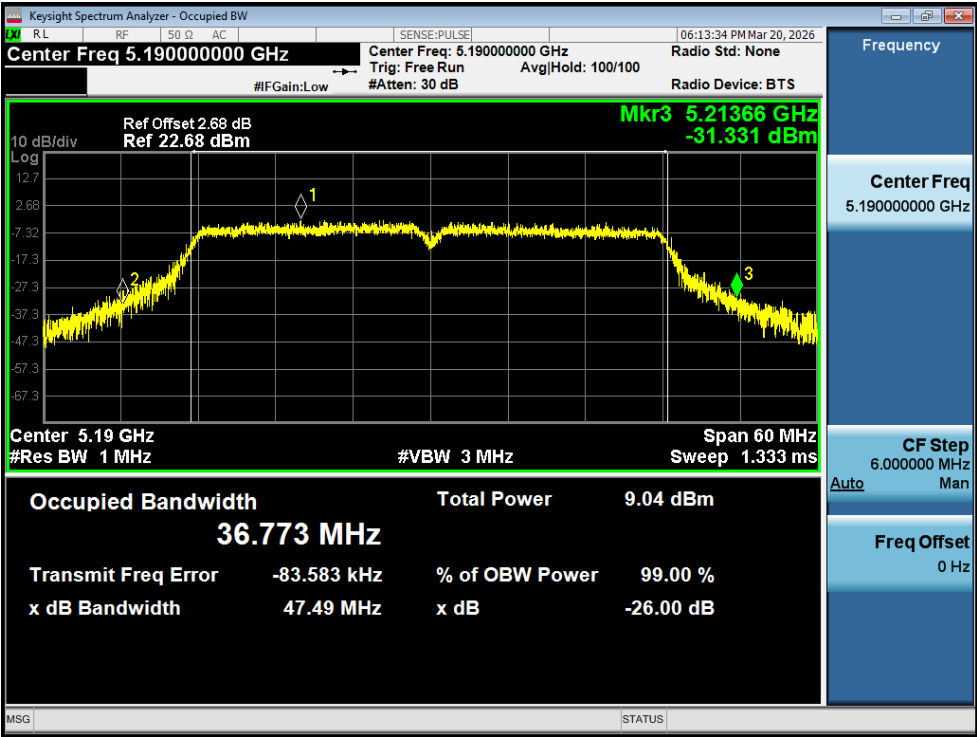
-26dB Bandwidth NVNT n20 5180MHz Ant1



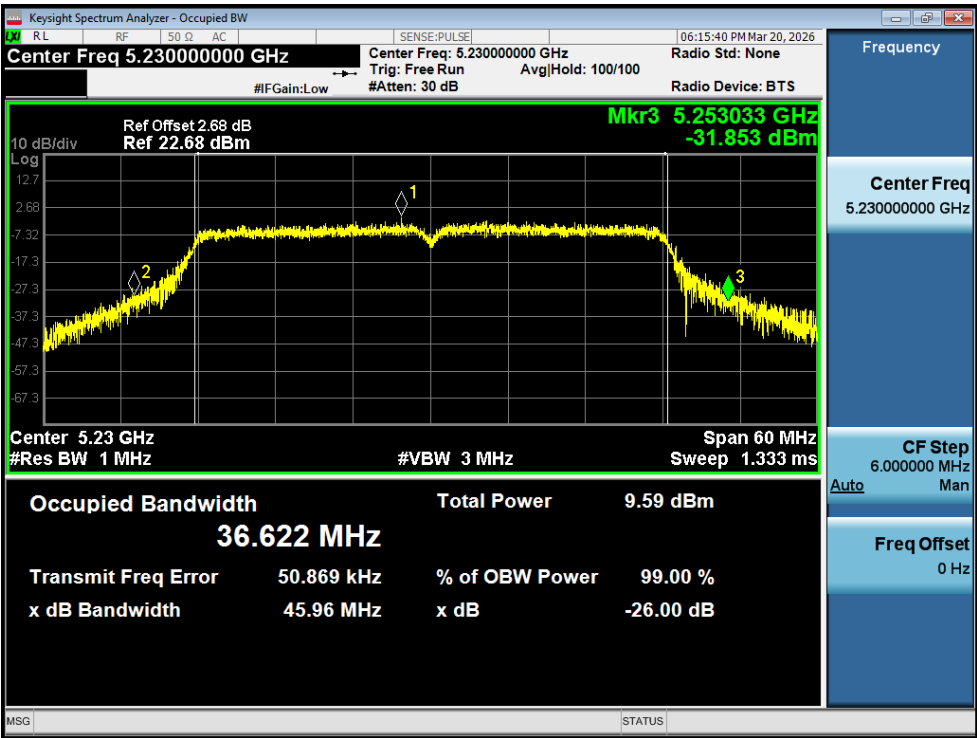
-26dB Bandwidth NVNT n20 5200MHz Ant1



-26dB Bandwidth NVNT n20 5240MHz Ant1



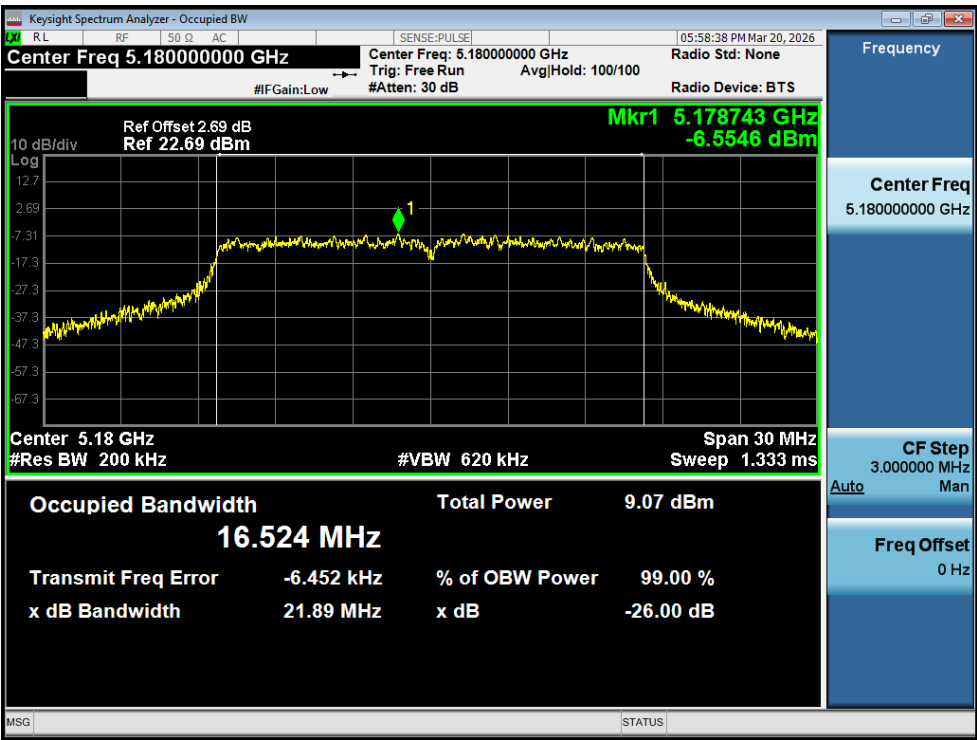
-26dB Bandwidth NVNT n40 5190MHz Ant1



-26dB Bandwidth NVNT n40 5230MHz Ant1

4. Occupied Channel Bandwidth

Condition	Mode	Frequency (MHz)	Antenna	99% OBW (MHz)
NVNT	a	5180	Ant1	16.524
NVNT	a	5200	Ant1	16.562
NVNT	a	5240	Ant1	16.501
NVNT	n20	5180	Ant1	17.717
NVNT	n20	5200	Ant1	17.728
NVNT	n20	5240	Ant1	17.707
NVNT	n40	5190	Ant1	36.34
NVNT	n40	5230	Ant1	36.269



OBW NVNT a 5180MHz Ant1



OBW NVNT a 5200MHz Ant1



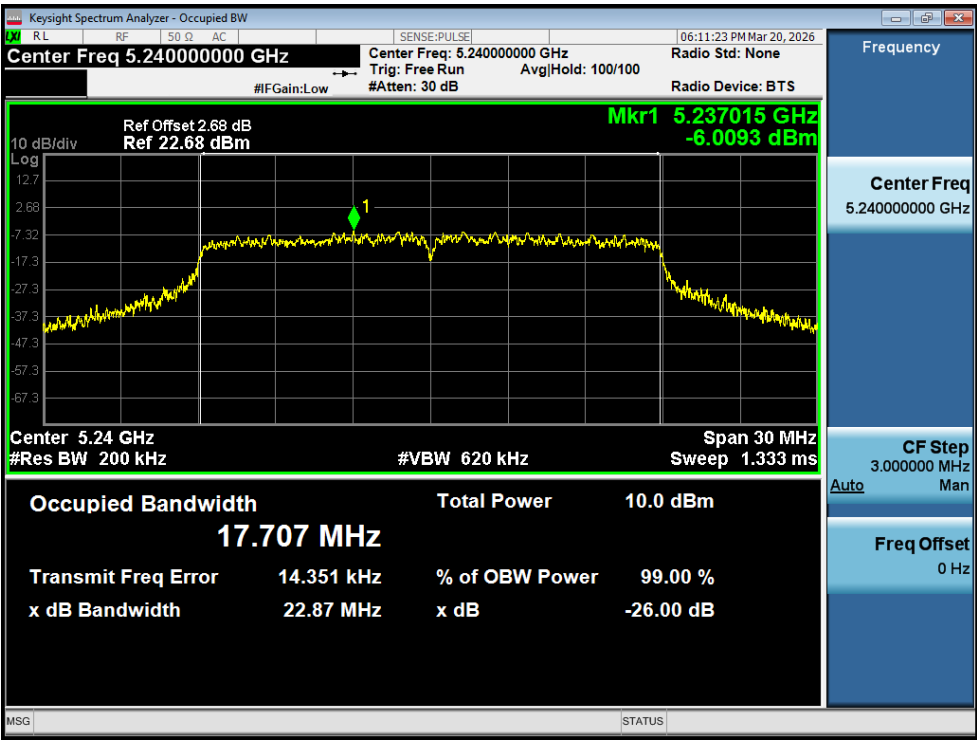
OBW NVNT a 5240MHz Ant1



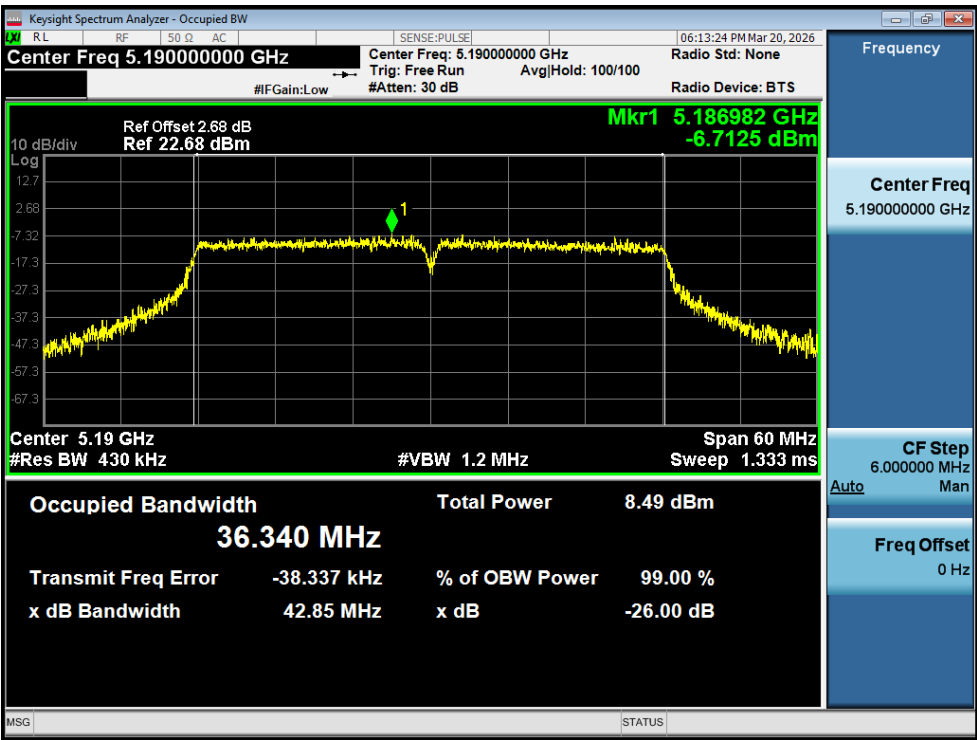
OBW NVNT n20 5180MHz Ant1



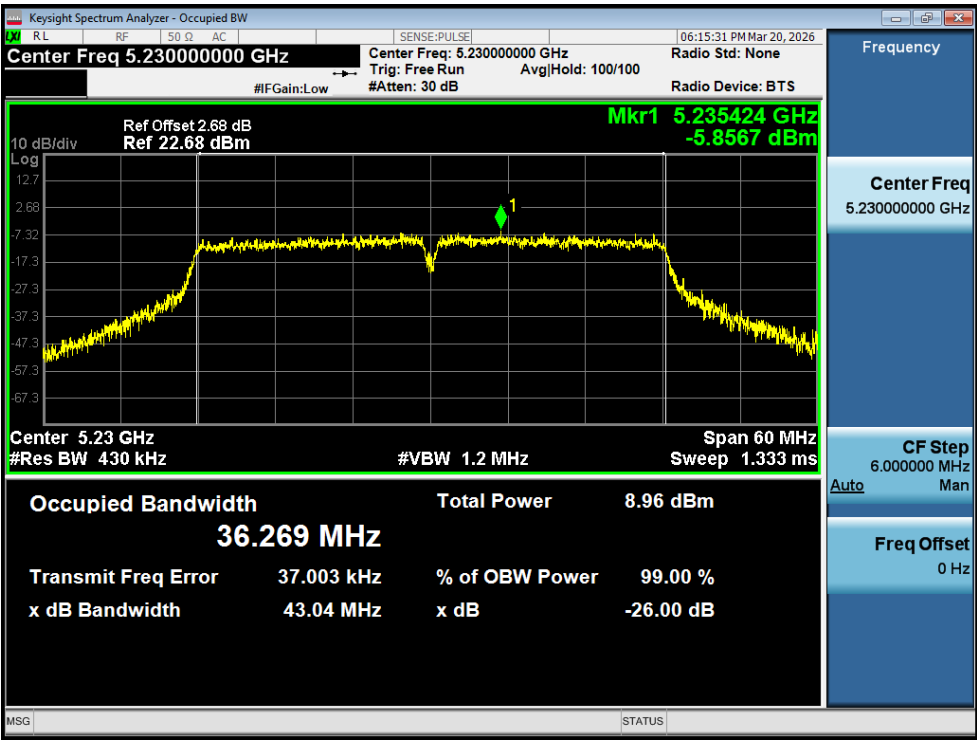
OBW NVNT n20 5200MHz Ant1



OBW NVNT n20 5240MHz Ant1



OBW NVNT n40 5190MHz Ant1

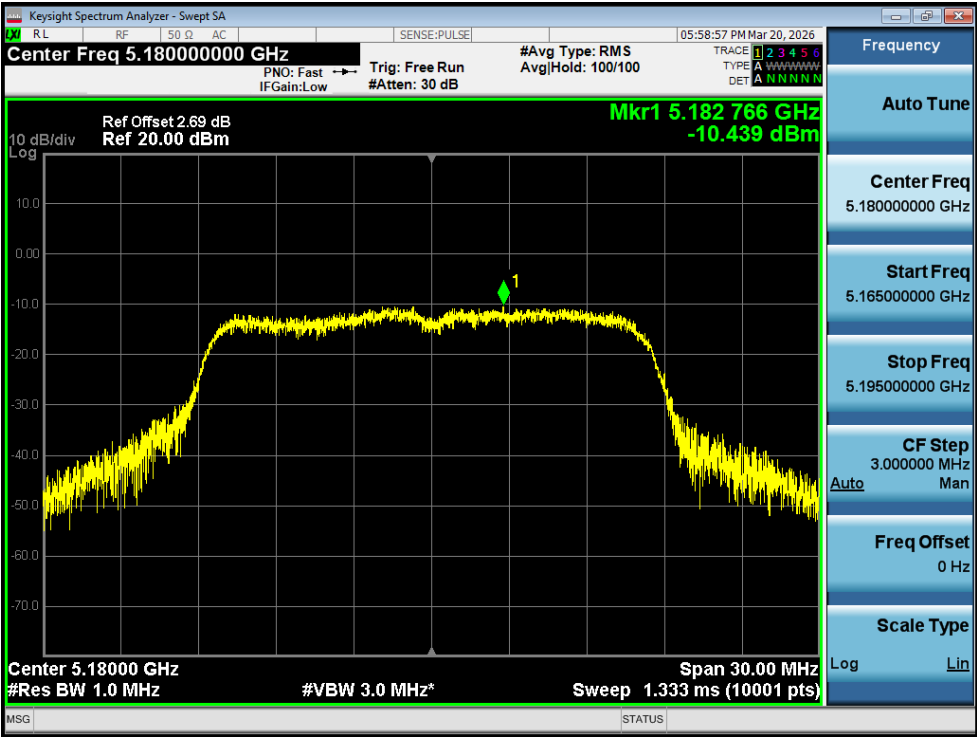


OBW NVNT n40 5230MHz Ant1

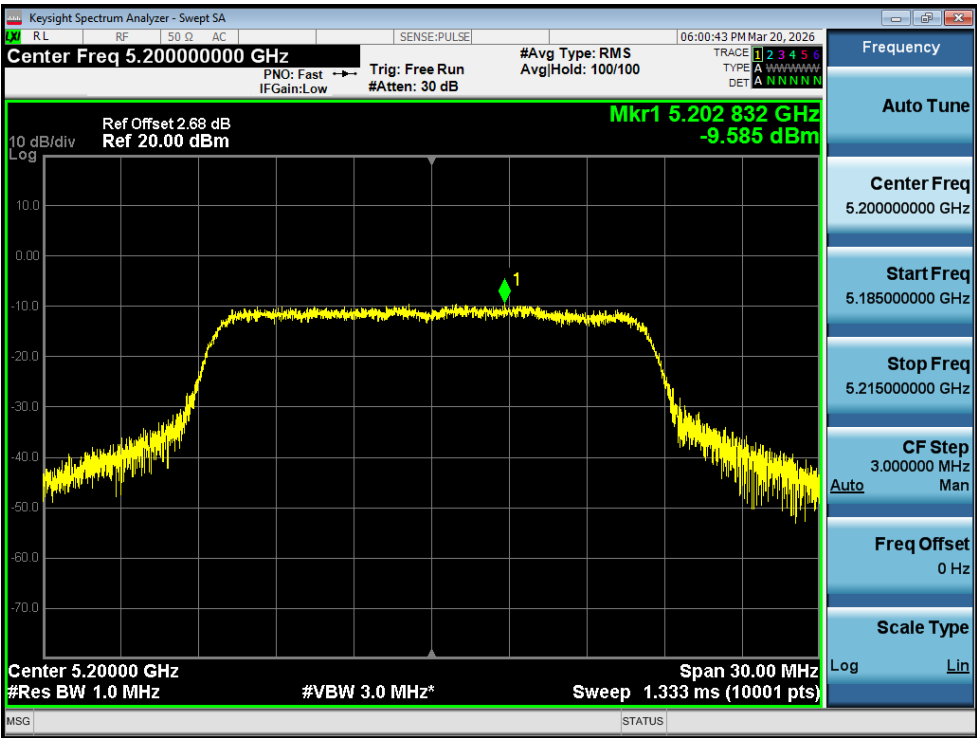
5. Maximum Power Spectral Density Level

Condition	Mode	Frequency (MHz)	Antenna	Conducted PSD (dBm)	Duty Factor (dB)	Total PSD (dBm)	Limit (dBm)	Verdict
NVNT	a	5180	Ant1	-10.44	4.61	-5.83	11	Pass
NVNT	a	5200	Ant1	-9.59	1.12	-8.47	11	Pass
NVNT	a	5240	Ant1	-11.54	4.69	-6.85	11	Pass
NVNT	n20	5180	Ant1	-10.51	2.41	-8.1	11	Pass
NVNT	n20	5200	Ant1	-11.78	2.79	-8.99	11	Pass
NVNT	n20	5240	Ant1	-8.59	2.7	-5.89	11	Pass
NVNT	n40	5190	Ant1	-13.01	3.69	-9.32	11	Pass
NVNT	n40	5230	Ant1	-12.85	3.13	-9.72	11	Pass

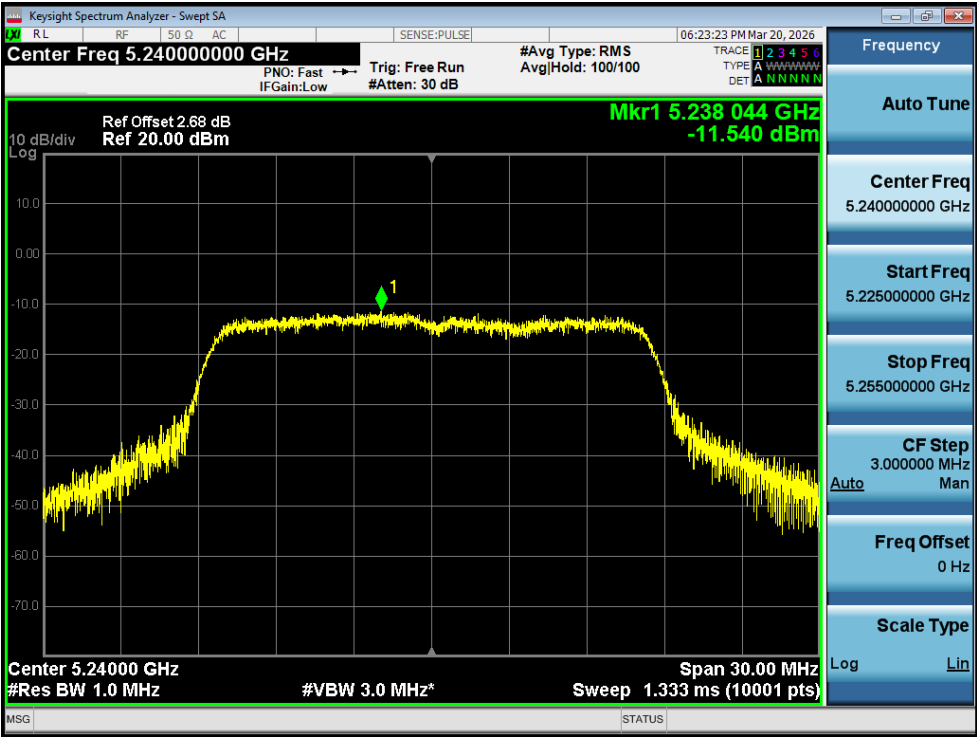
Note: Total PSD=Conducted PSD + Duty factor



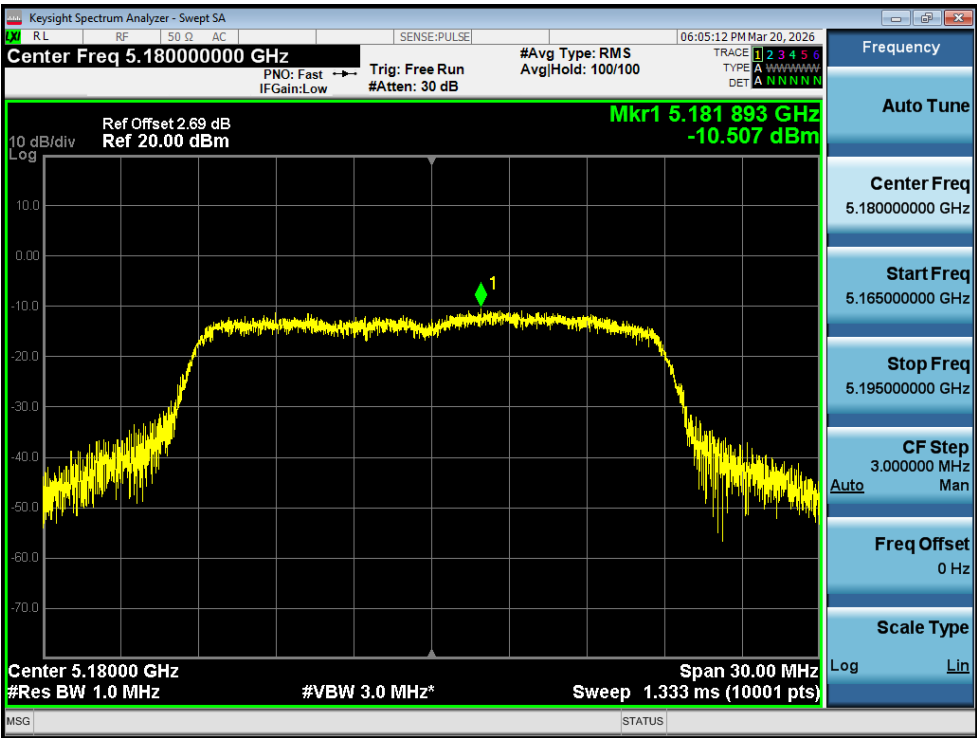
PSD NVNT a 5180MHz Ant1



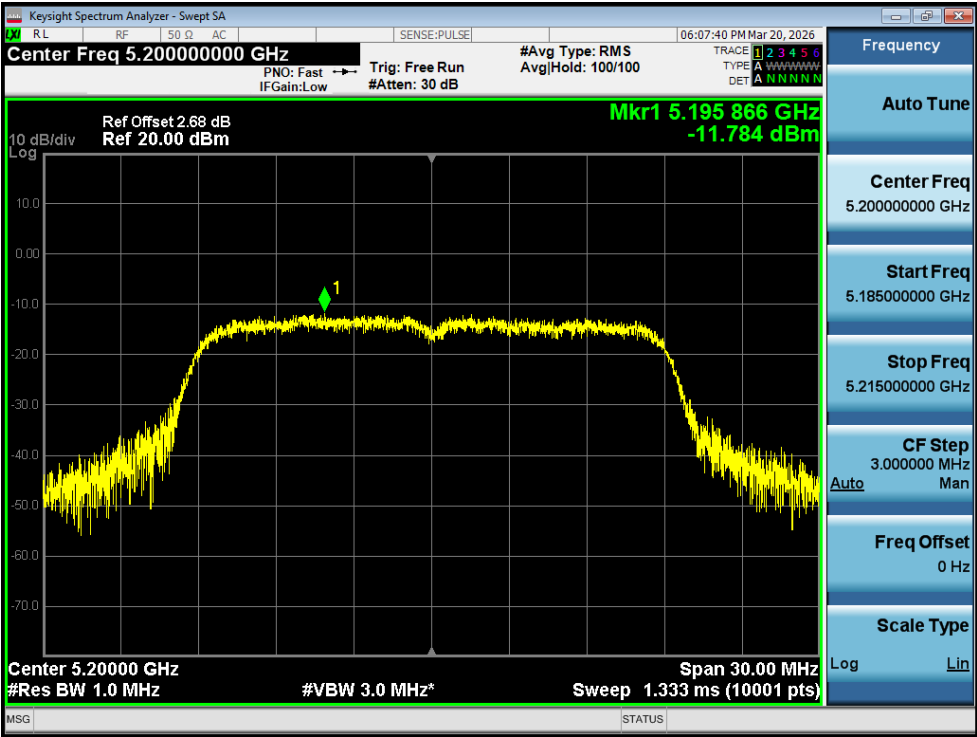
PSD NVNT a 5200MHz Ant1



PSD NVNT a 5240MHz Ant1



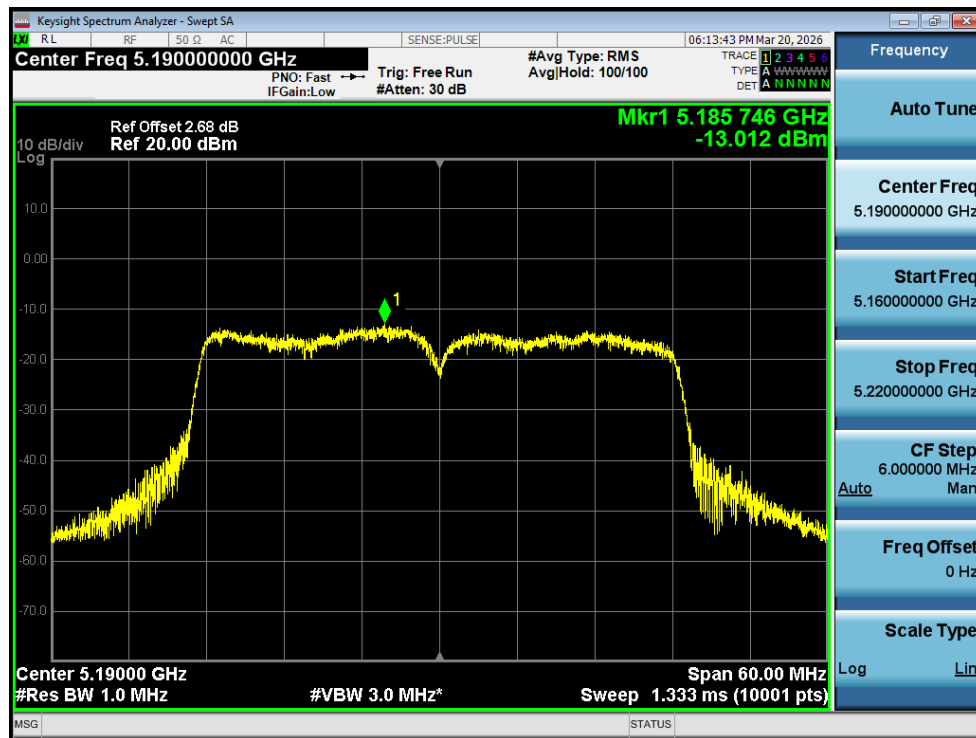
PSD NVNT n20 5180MHz Ant1



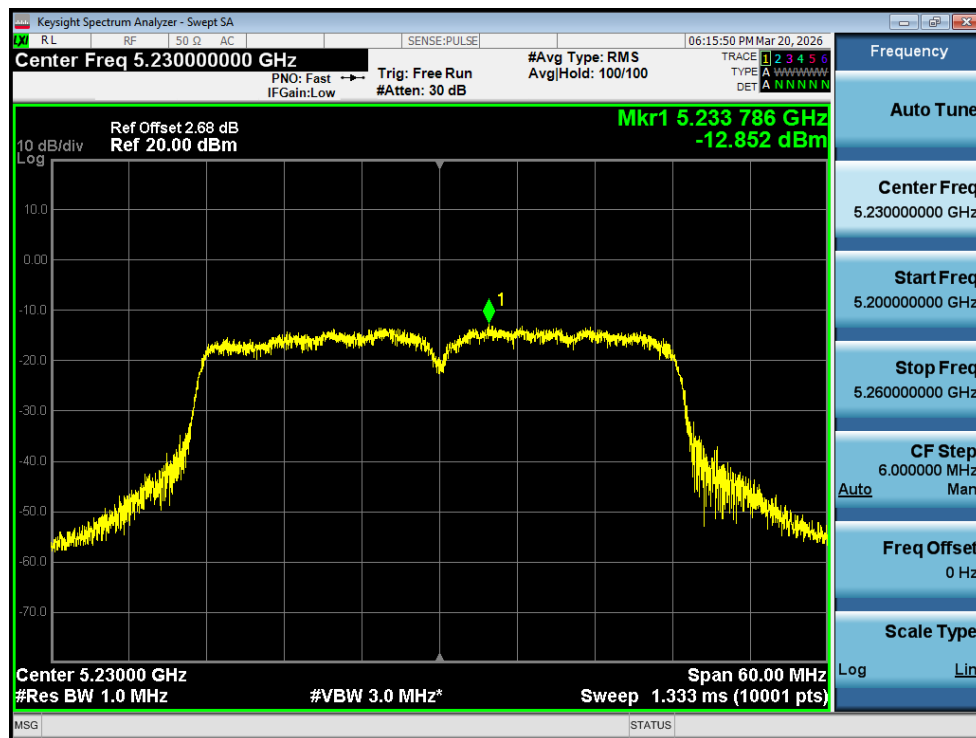
PSD NVNT n20 5200MHz Ant1



PSD NVNT n20 5240MHz Ant1



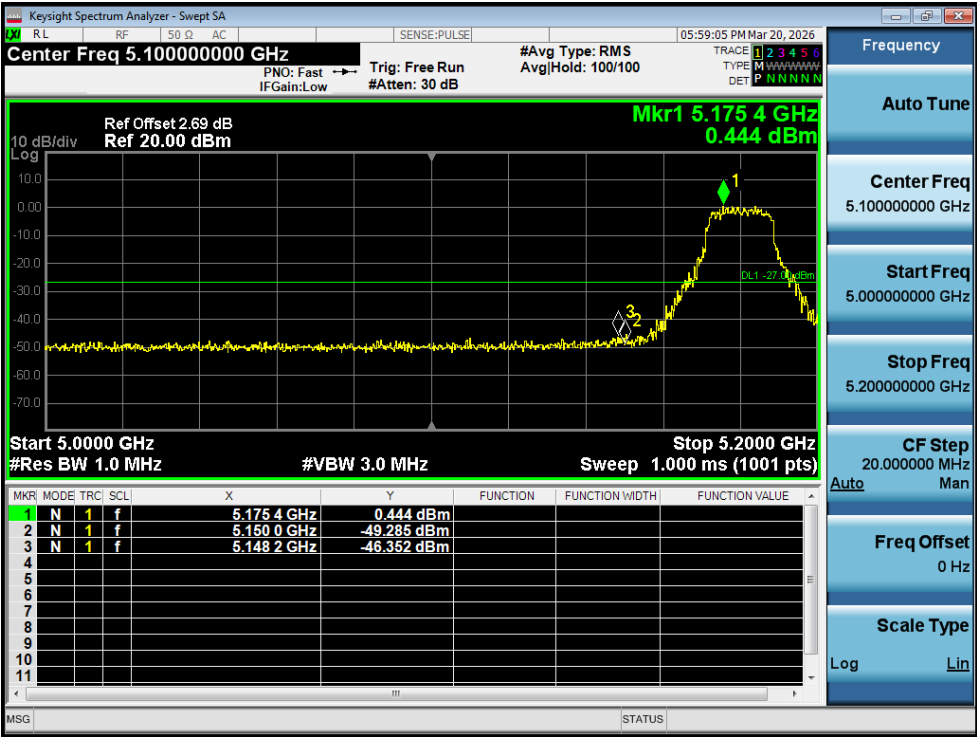
PSD NVNT n40 5190MHz Ant1



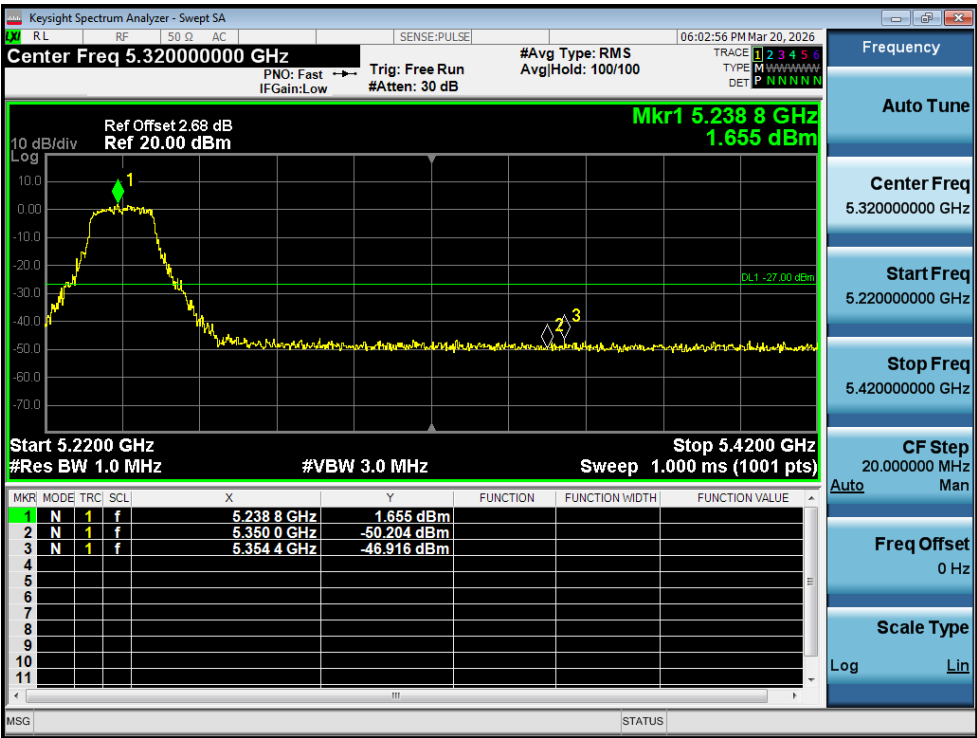
PSD NVNT n40 5230MHz Ant1

6. Band Edge

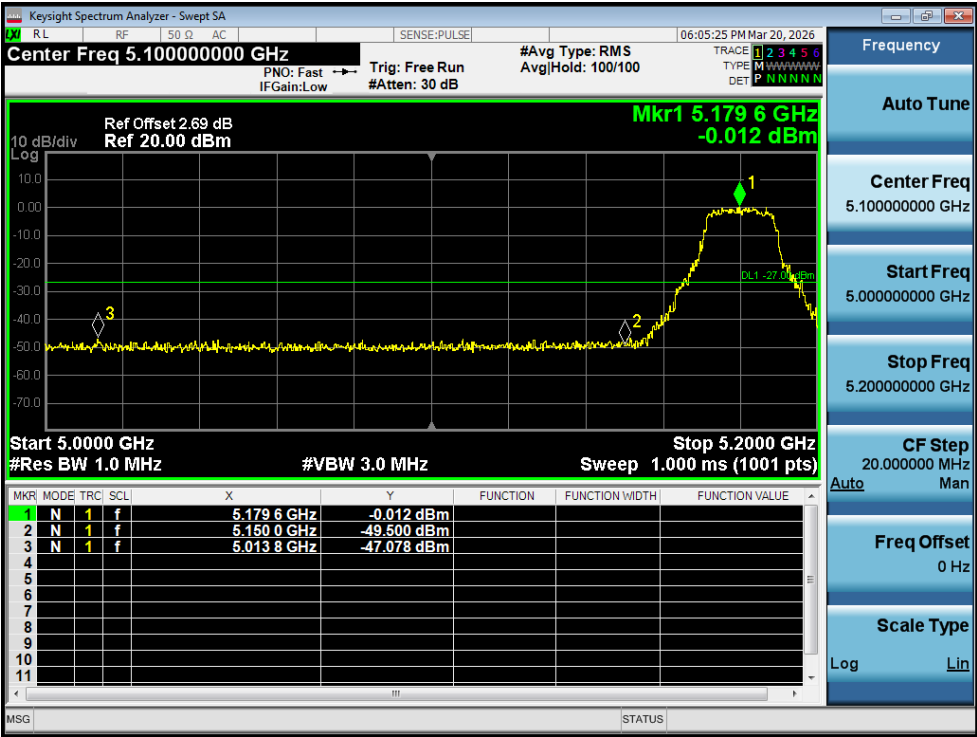
Condition	Mode	Frequency (MHz)	Antenna	Max Value (dBc)	Limit (dBc)	Verdict
NVNT	a	5180	Ant1	-46.35	-27	Pass
NVNT	a	5240	Ant1	-46.91	-27	Pass
NVNT	n20	5180	Ant1	-47.07	-27	Pass
NVNT	n20	5240	Ant1	-46.96	-27	Pass
NVNT	n40	5190	Ant1	-43.75	-27	Pass
NVNT	n40	5230	Ant1	-47.47	-27	Pass



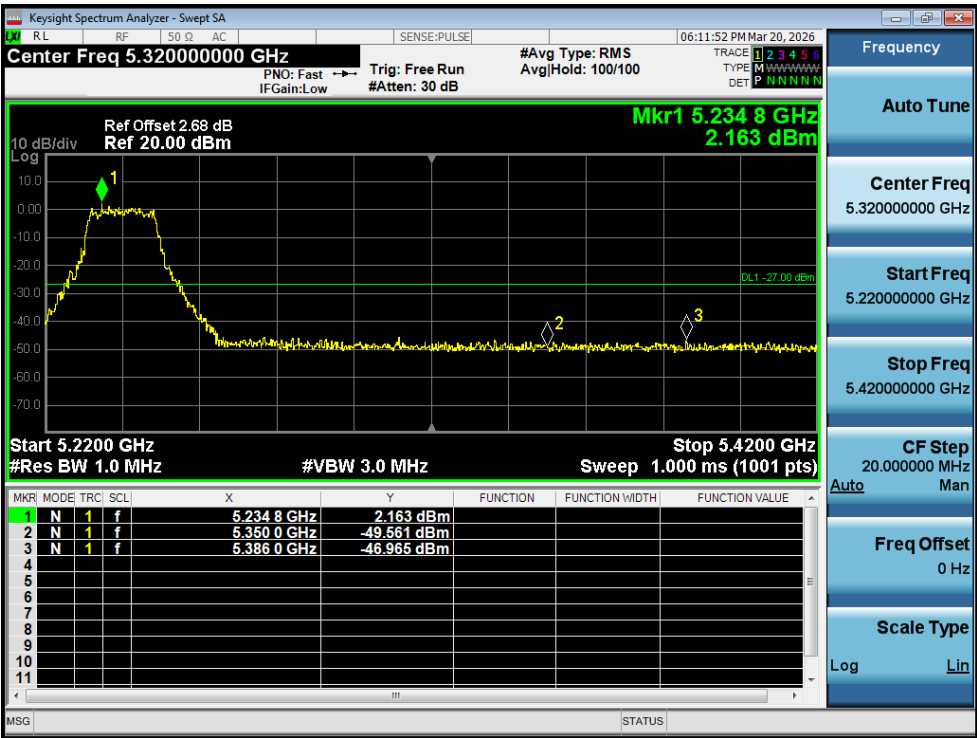
Band Edge NVNT a 5180MHz Low Ant1



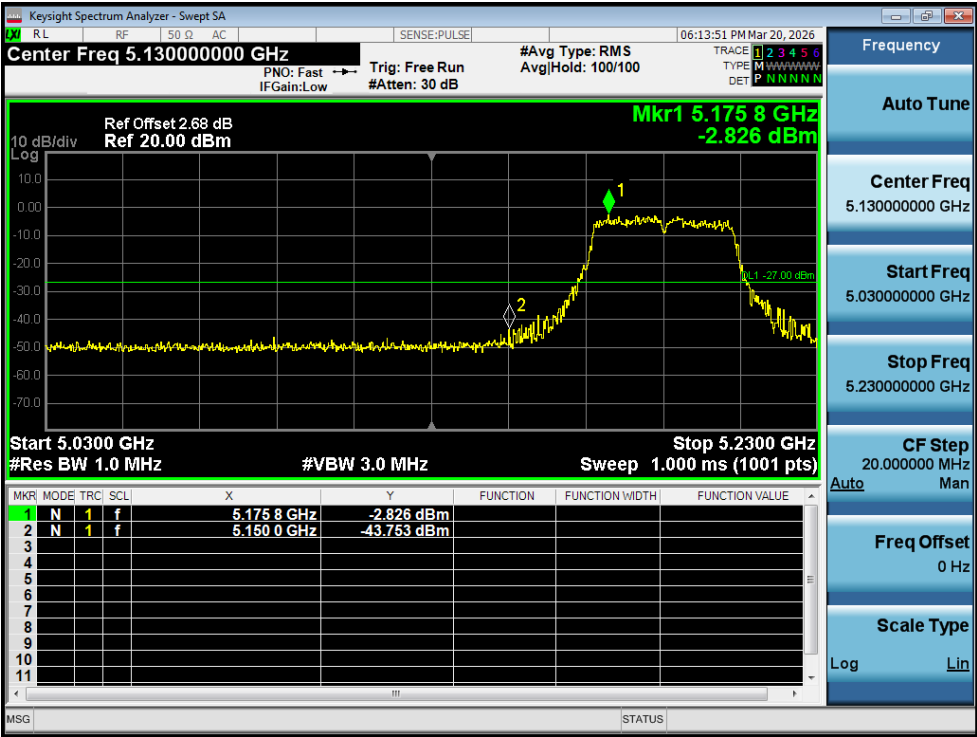
Band Edge NVNT a 5240MHz High Ant1



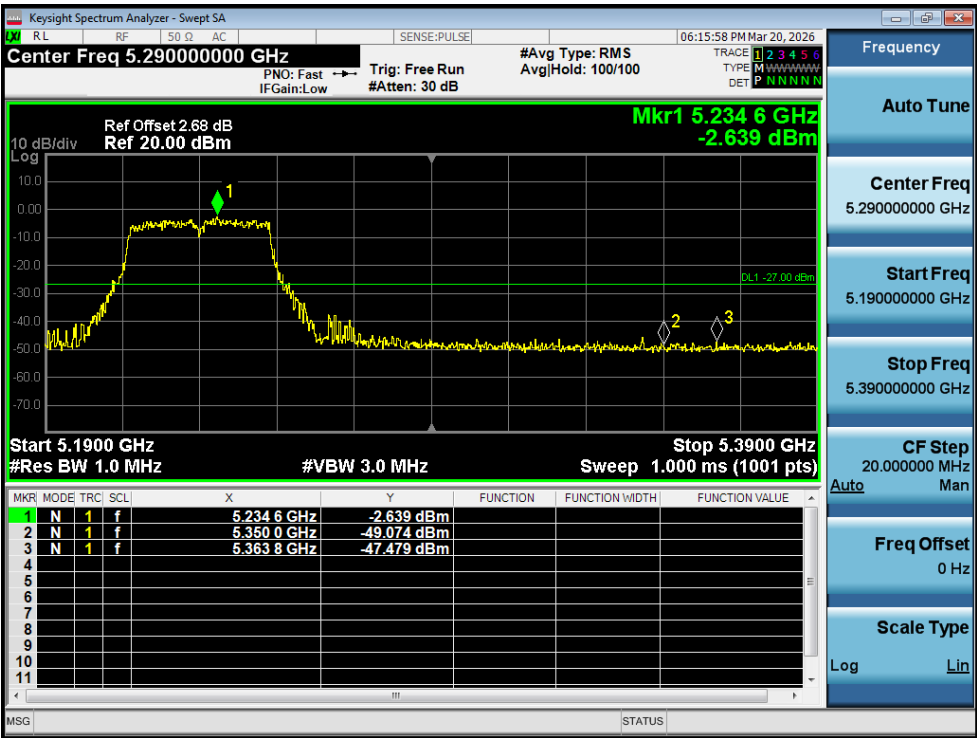
Band Edge NVNT n20 5180MHz Low Ant1



Band Edge NVNT n20 5240MHz High Ant1



Band Edge NVNT n40 5190MHz Low Ant1

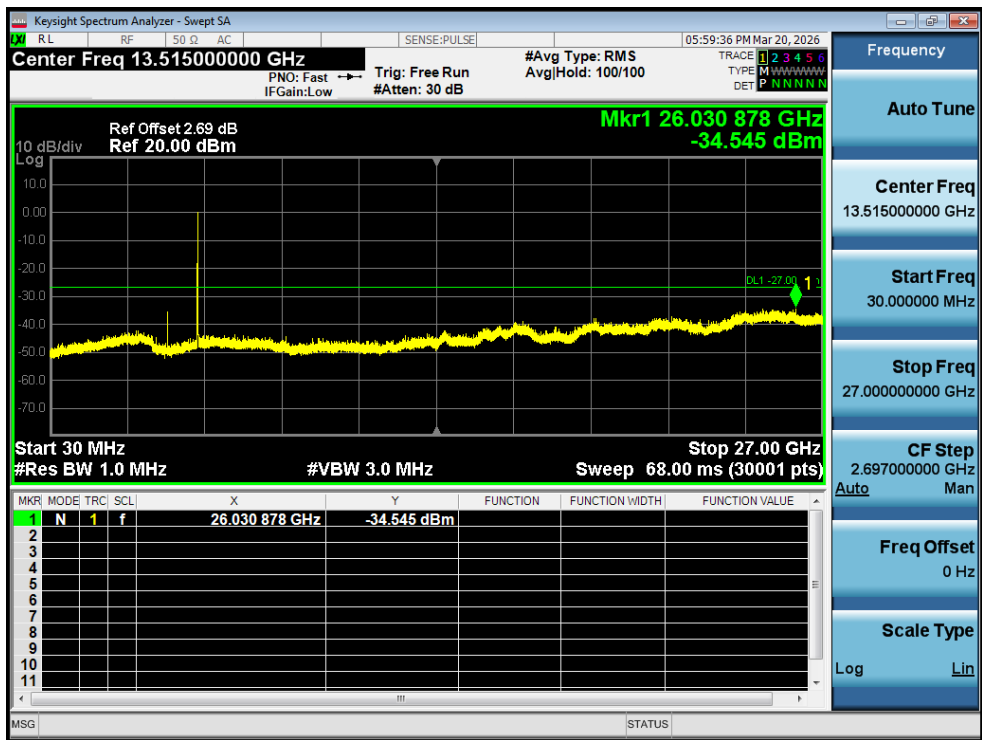


Band Edge NVNT n40 5230MHz High Ant1

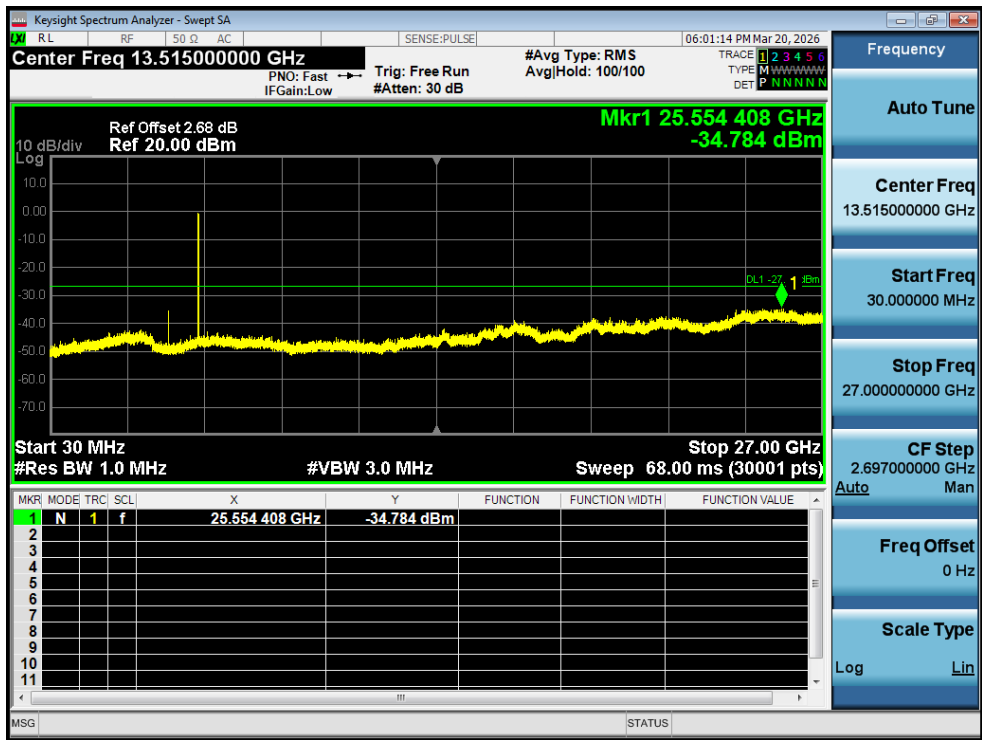
7. Conducted RF Spurious Emission

Condition	Mode	Frequency (MHz)	Antenna	Max Value (dBc)	Limit (dBc)	Verdict
NVNT	a	5180	Ant1	-34.54	-27	Pass
NVNT	a	5200	Ant1	-34.78	-27	Pass
NVNT	a	5240	Ant1	-33.49	-27	Pass
NVNT	n20	5180	Ant1	-34.48	-27	Pass
NVNT	n20	5200	Ant1	-34.7	-27	Pass
NVNT	n20	5240	Ant1	-34.82	-27	Pass
NVNT	n40	5190	Ant1	-33.88	-27	Pass
NVNT	n40	5230	Ant1	-34.47	-27	Pass

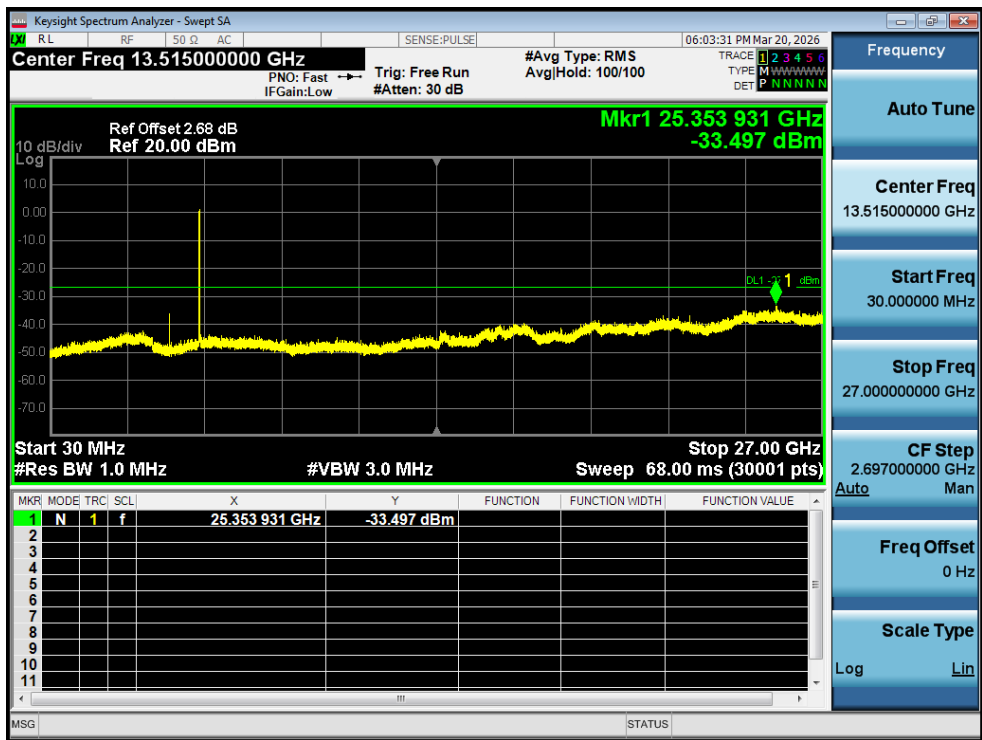
Note: Testing is carried out with frequency rang 30MHz to the 40GHz, above 27GHz not recorded for no spurious point have a margin of less than 20 dB with respect to the limits



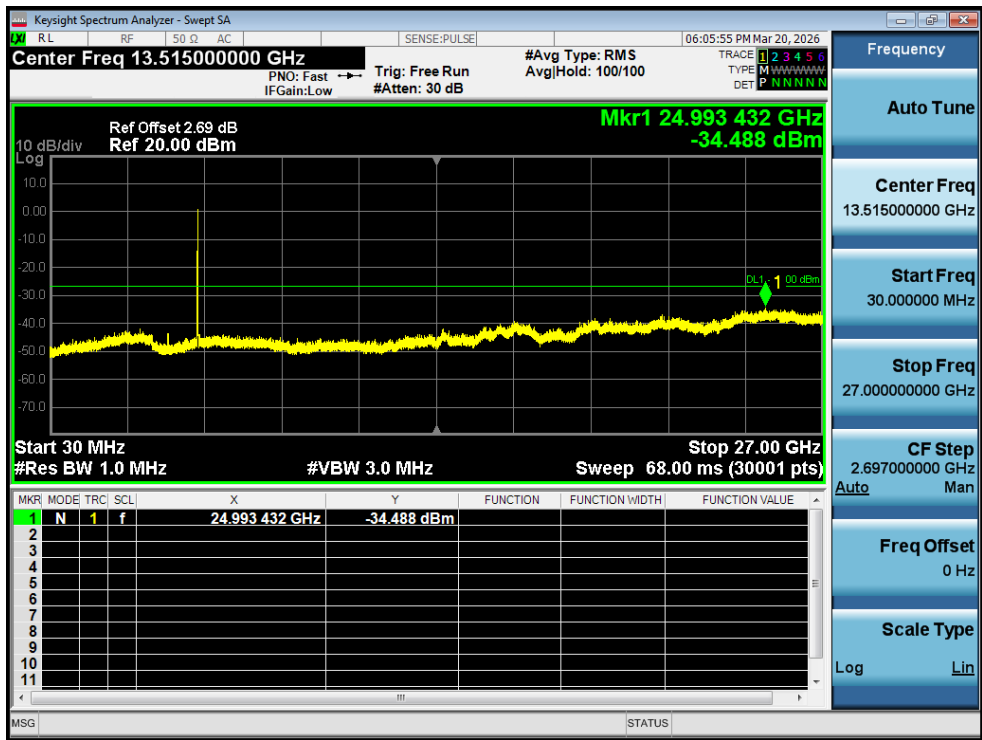
Tx. Spurious NVNT a 5180MHz Ant1 Emission



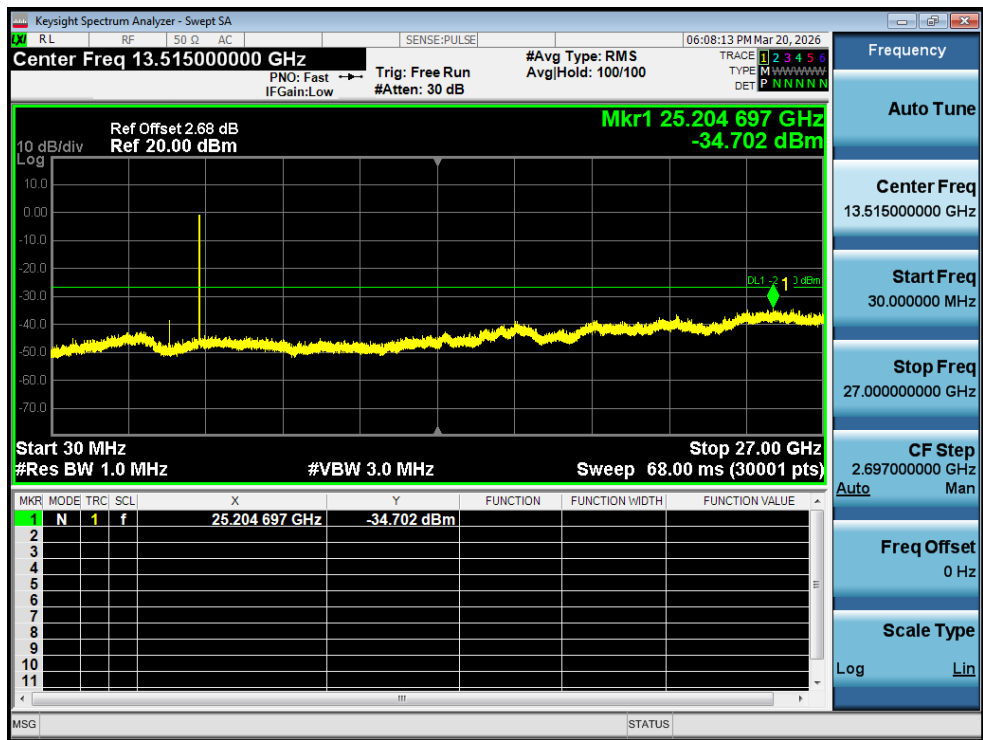
Tx. Spurious NVNT a 5200MHz Ant1 Emission



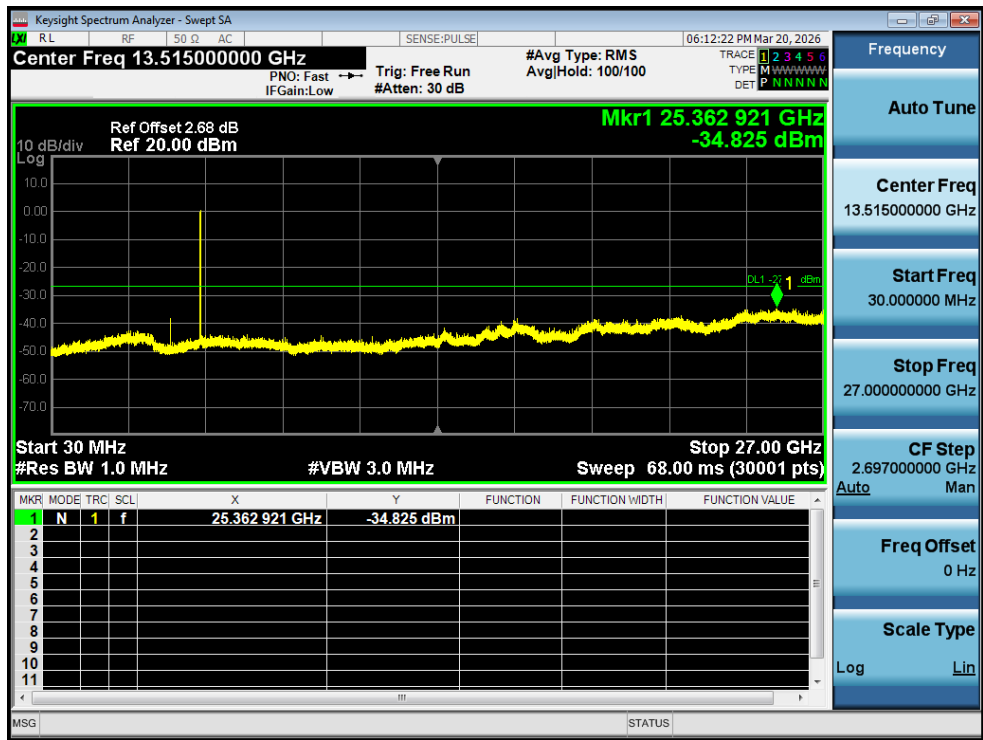
Tx. Spurious NVNT a 5240MHz Ant1 Emission



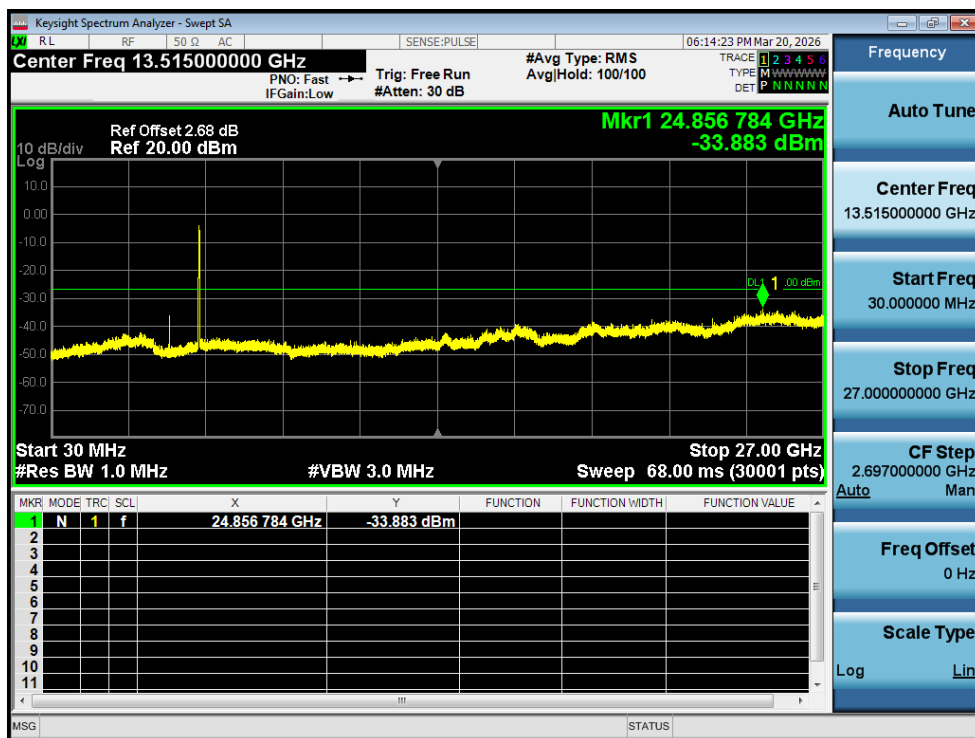
Tx. Spurious NVNT n20 5180MHz Ant1 Emission



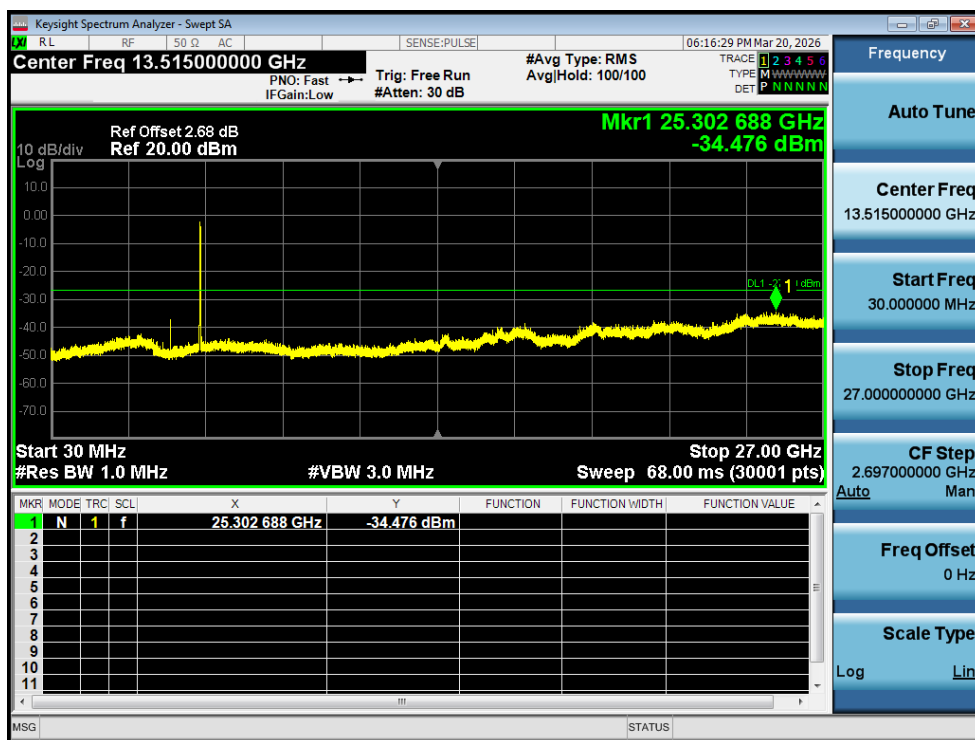
Tx. Spurious NVNT n20 5200MHz Ant1 Emission



Tx. Spurious NVNT n20 5240MHz Ant1 Emission



Tx. Spurious NVNT n40 5190MHz Ant1 Emission



Tx. Spurious NVNT n40 5230MHz Ant1 Emission