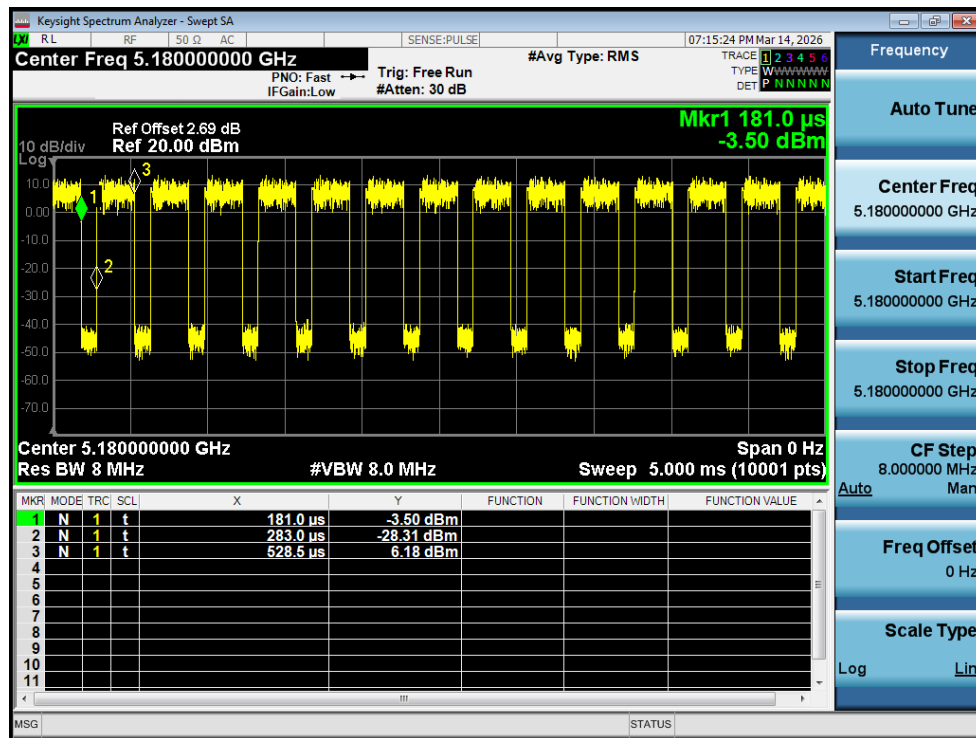


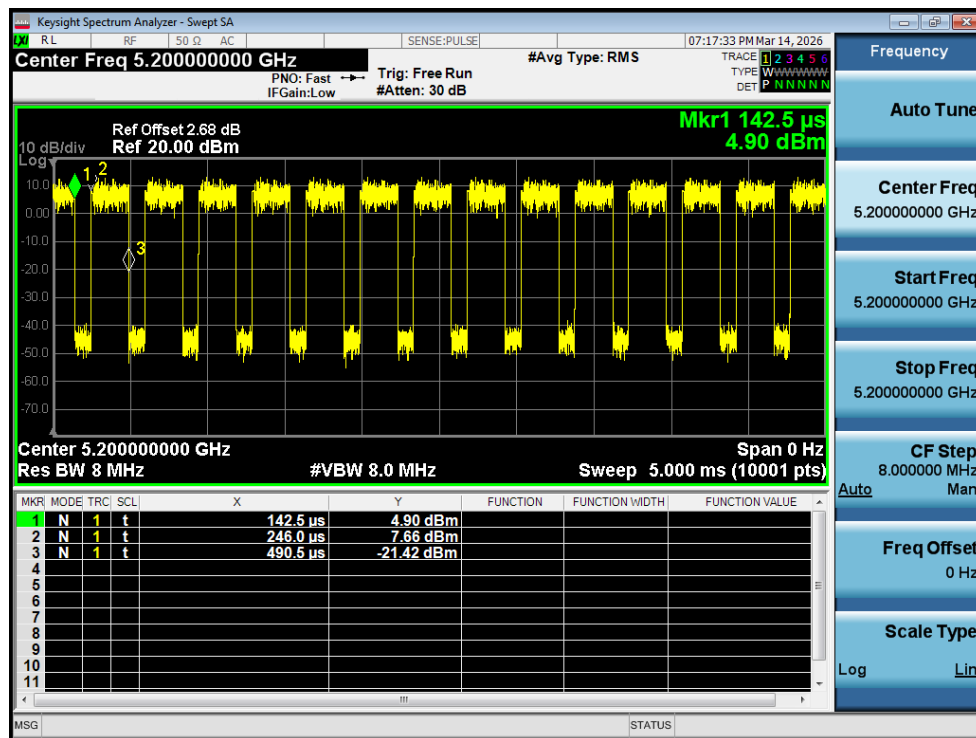
Test Data Appendix of Test Report

1. Duty Cycle

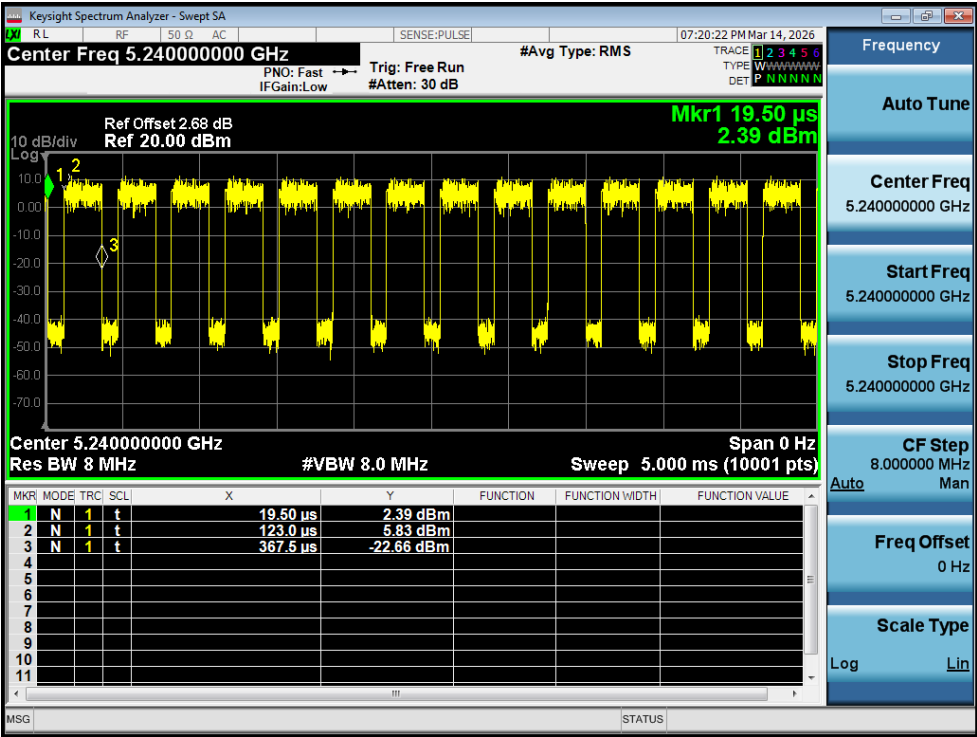
Condition	Mode	Frequency (MHz)	Antenna	Duty Cycle (%)	Correction Factor (dB)	1/T (kHz)
NVNT	a	5180	Ant1	70.65	1.51	4.07
NVNT	a	5200	Ant1	70.26	1.53	4.09
NVNT	a	5240	Ant1	70.26	1.53	4.09
NVNT	n20	5180	Ant1	66.67	1.76	4.85
NVNT	n20	5200	Ant1	66.61	1.76	4.87
NVNT	n20	5240	Ant1	66.61	1.76	4.87
NVNT	ac20	5180	Ant1	63.73	1.96	5.52
NVNT	ac20	5200	Ant1	63.73	1.96	5.52
NVNT	ac20	5240	Ant1	63.62	1.96	5.52
NVNT	ax20	5180	Ant1	60.87	2.16	6.21
NVNT	ax20	5200	Ant1	61.06	2.14	6.19
NVNT	ax20	5240	Ant1	61.06	2.14	6.19



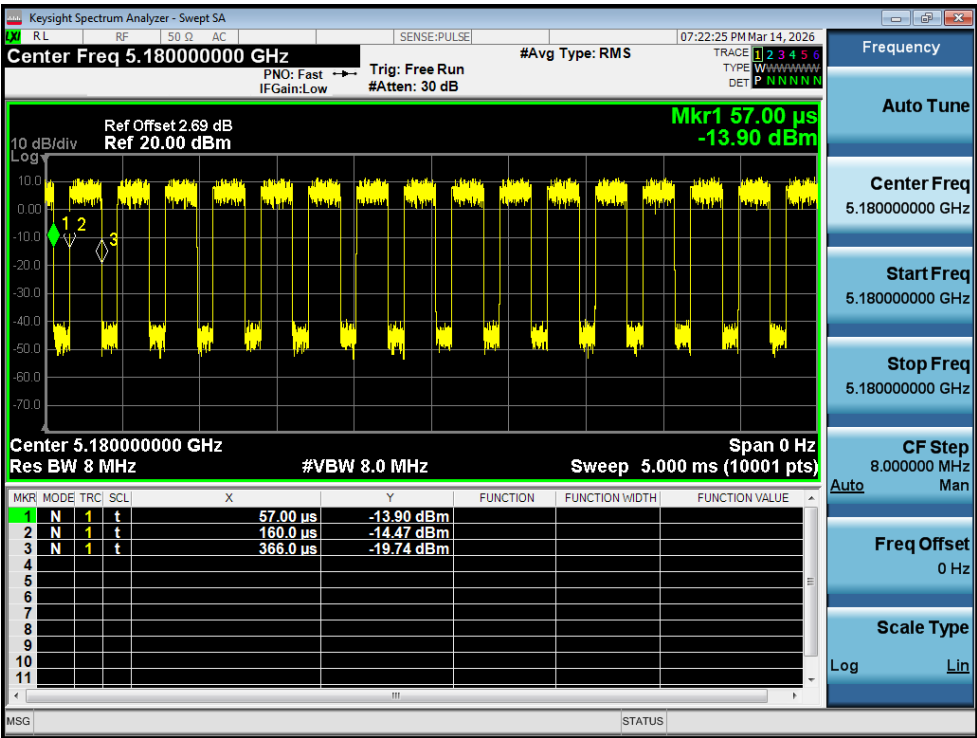
Duty Cycle NVNT a 5180MHz Ant1



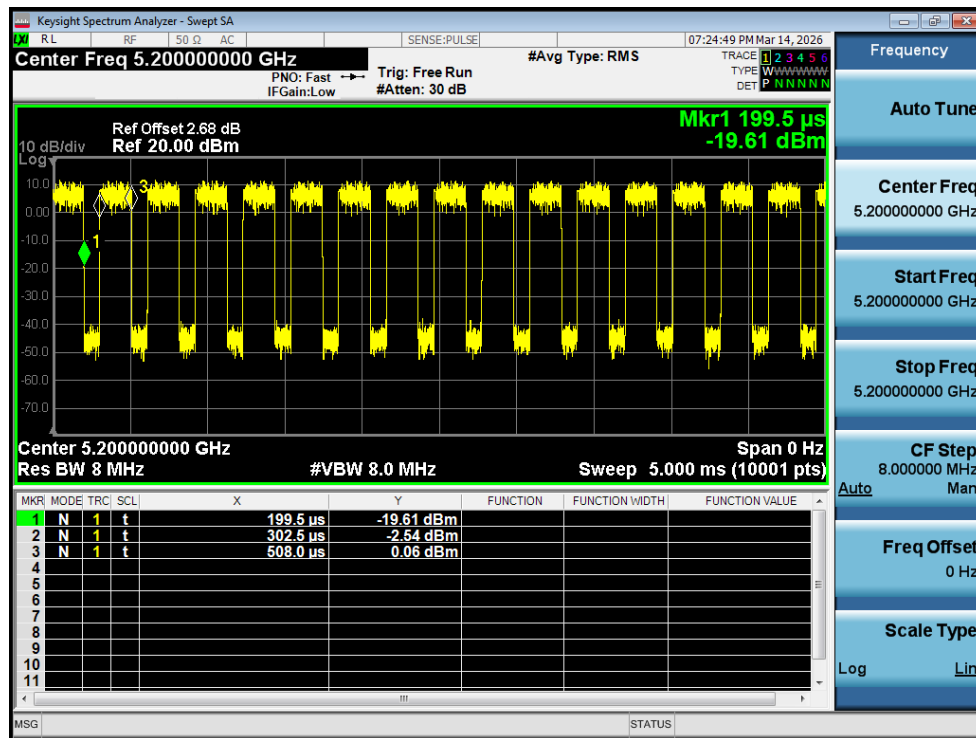
Duty Cycle NVNT a 5200MHz Ant1



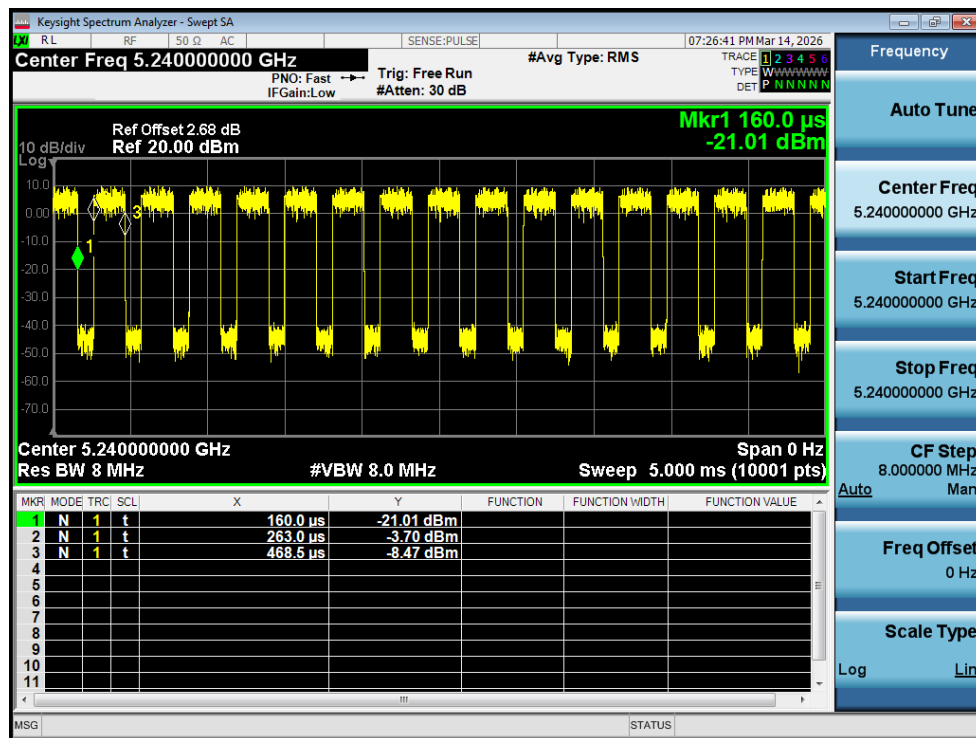
Duty Cycle NVNT a 5240MHz Ant1



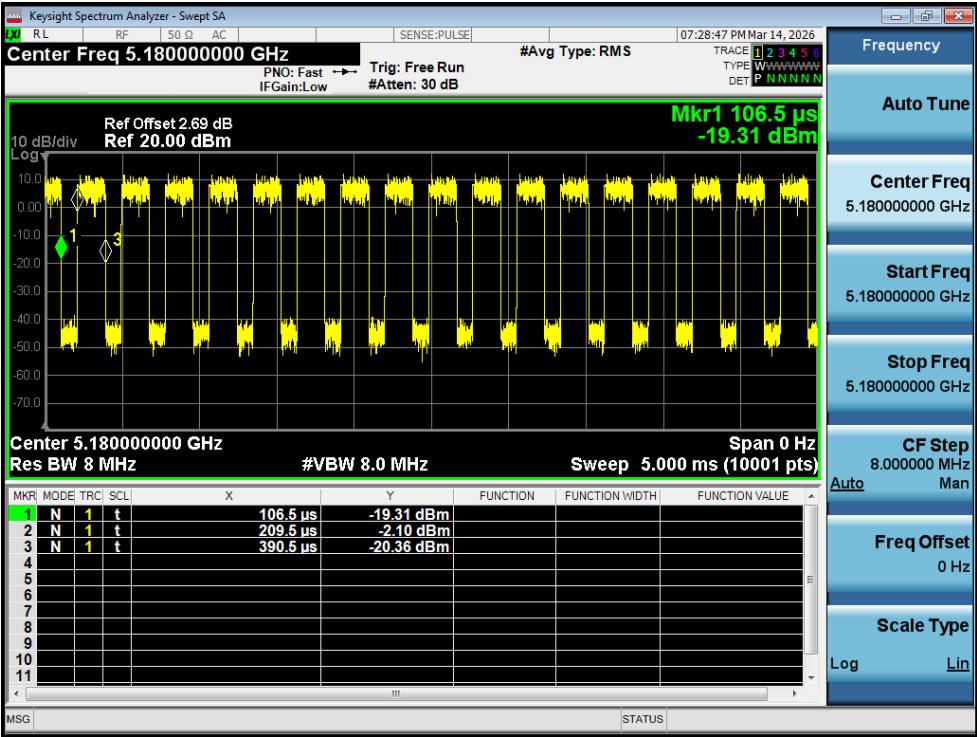
Duty Cycle NVNT n20 5180MHz Ant1



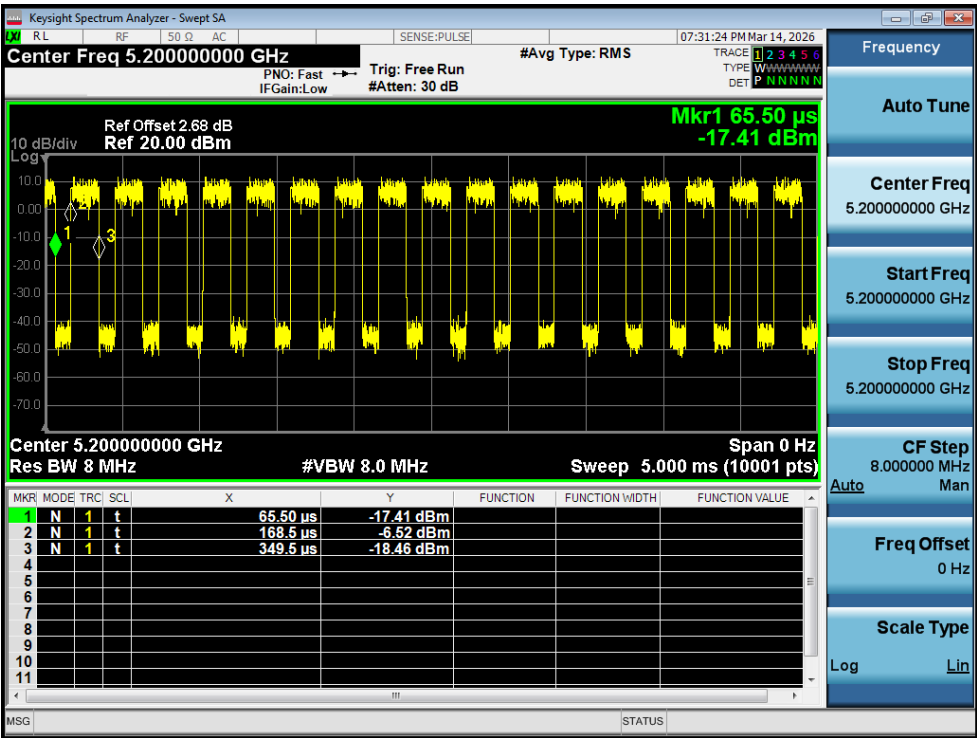
Duty Cycle NVNT n20 5200MHz Ant1



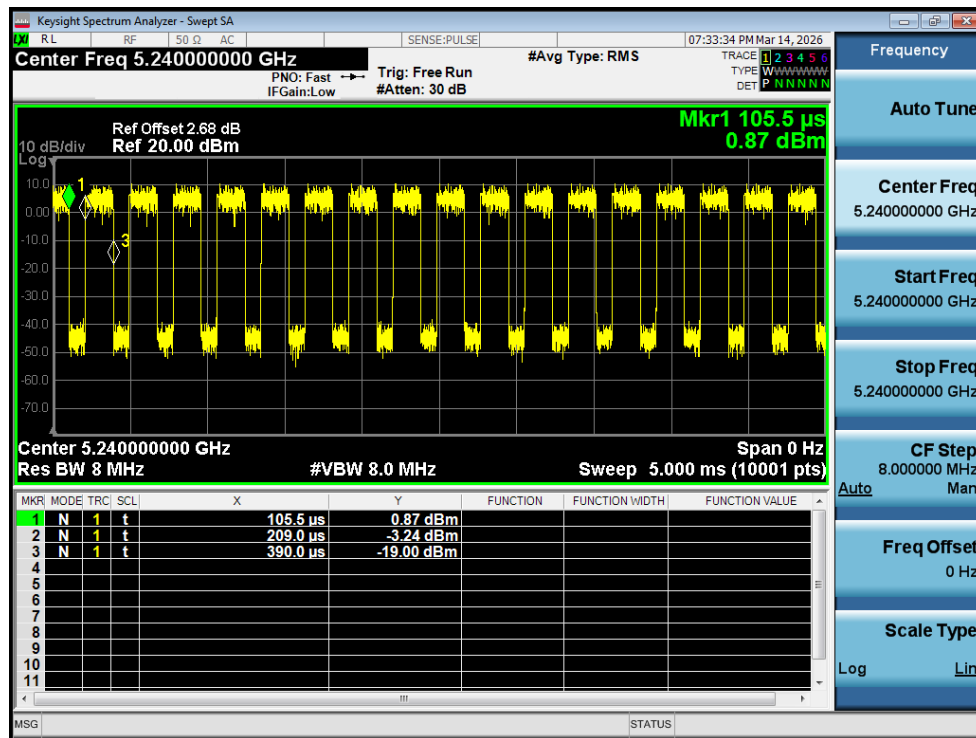
Duty Cycle NVNT n20 5240MHz Ant1



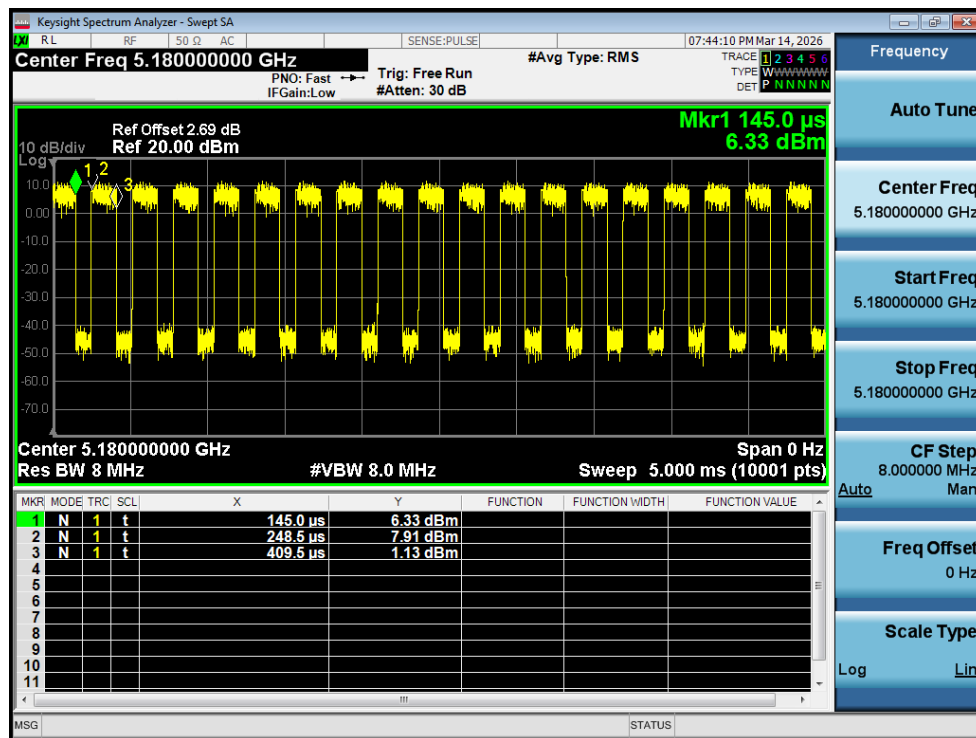
Duty Cycle NVNT ac20 5180MHz Ant1



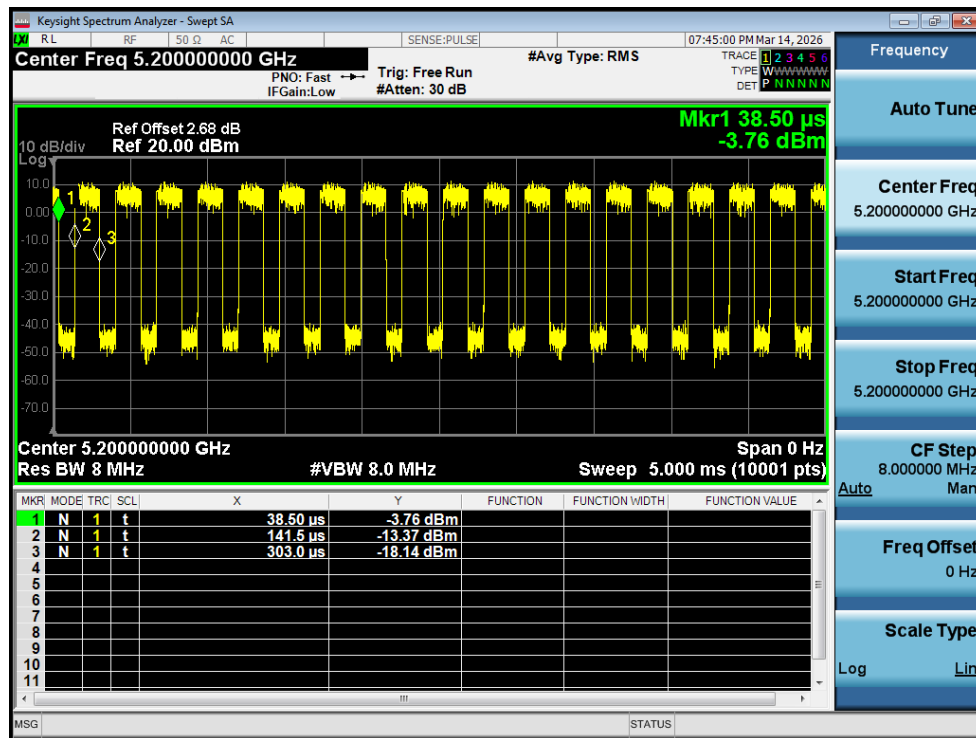
Duty Cycle NVNT ac20 5200MHz Ant1



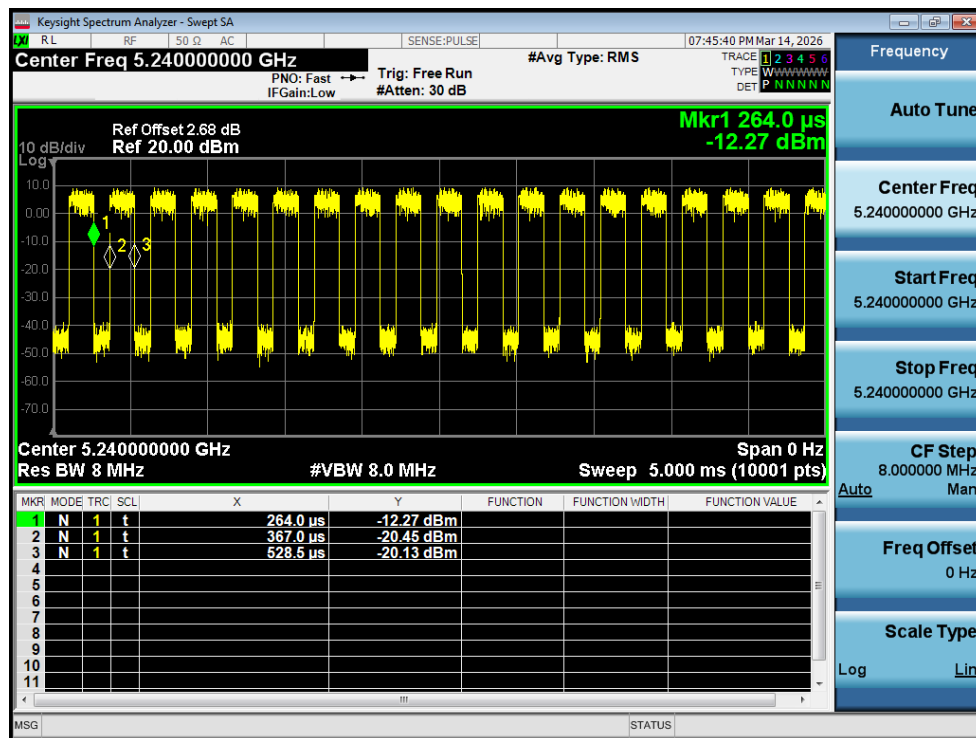
Duty Cycle NVNT ac20 5240MHz Ant1



Duty Cycle NVNT ax20 5180MHz Ant1



Duty Cycle NVNT ax20 5200MHz Ant1



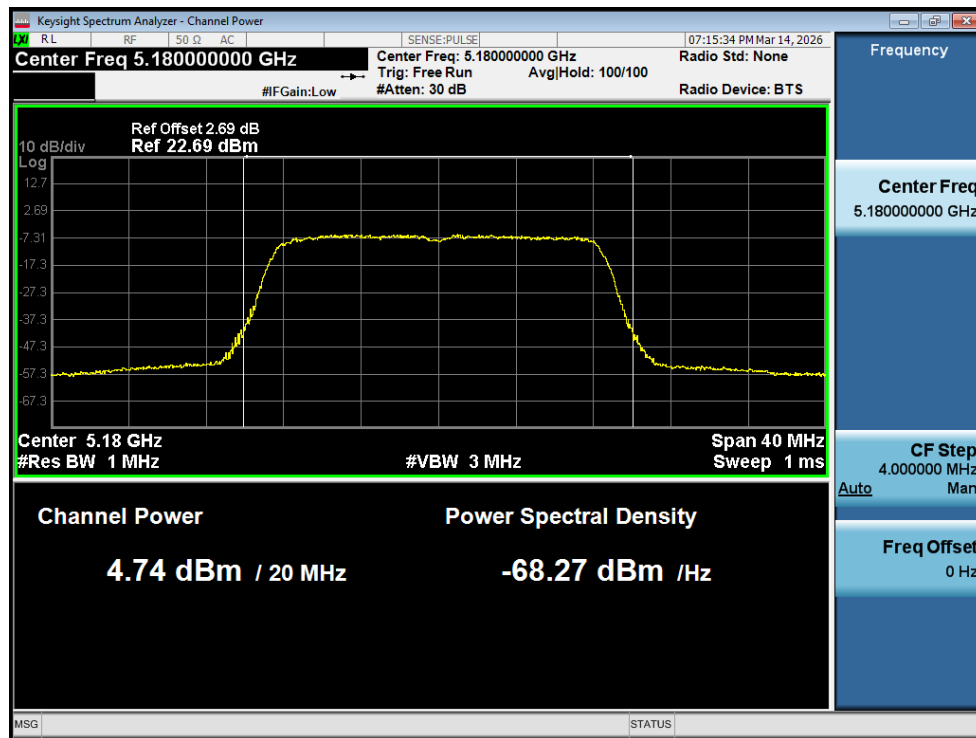
Duty Cycle NVNT ax20 5240MHz Ant1

2. Maximum Conducted Output Power

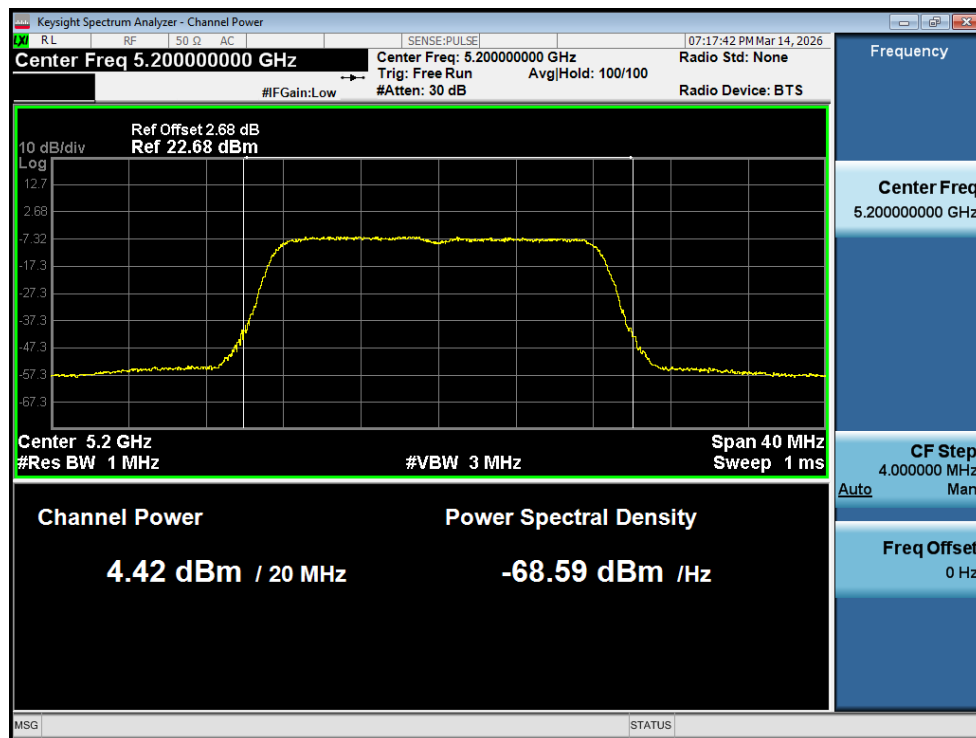
Condition	Mode	Frequency (MHz)	Antenna	Conducted Power (dBm)	Duty Factor (dB)	Total Power (dBm)	Limit (dBm)	Verdict
NVNT	a	5180	Ant1	4.74	1.51	6.25	24	Pass
NVNT	a	5200	Ant1	4.42	1.53	5.95	24	Pass
NVNT	a	5240	Ant1	2.69	1.53	4.22	24	Pass
NVNT	n20	5180	Ant1	4.1	1.76	5.86	24	Pass
NVNT	n20	5200	Ant1	3.89	1.76	5.65	24	Pass
NVNT	n20	5240	Ant1	2.24	1.76	4	24	Pass
NVNT	ac20	5180	Ant1	3.83	1.96	5.79	24	Pass
NVNT	ac20	5200	Ant1	3.67	1.96	5.63	24	Pass
NVNT	ac20	5240	Ant1	2.28	1.96	4.24	24	Pass
NVNT	ax20	5180	Ant1	4.08	2.16	6.24	24	Pass
NVNT	ax20	5200	Ant1	3.76	2.14	5.9	24	Pass
NVNT	ax20	5240	Ant1	2.12	2.14	4.26	24	Pass

Note1: Total power=Conducted power + Duty factor

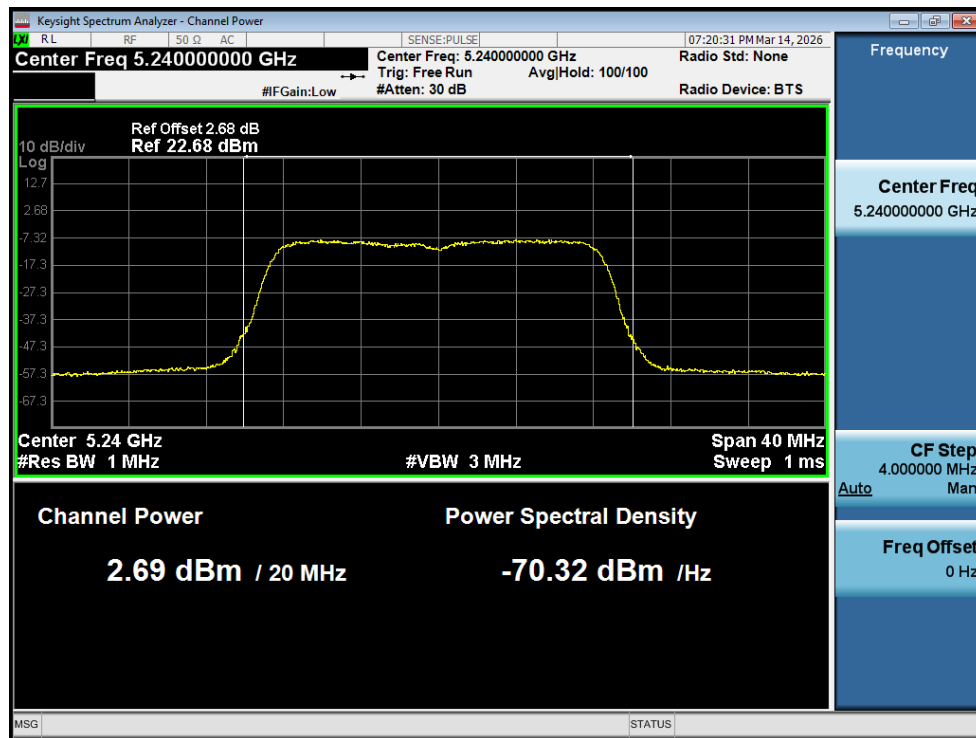
Note 2: Antenna Gain: 2.36dBi



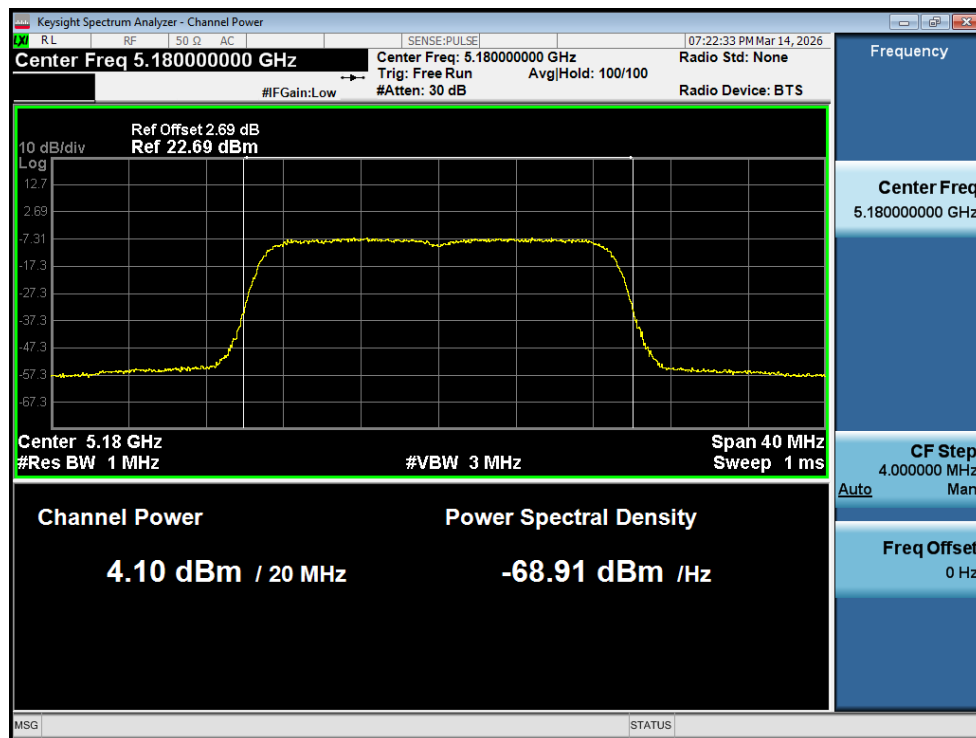
Power NVNT a 5180MHz Ant1



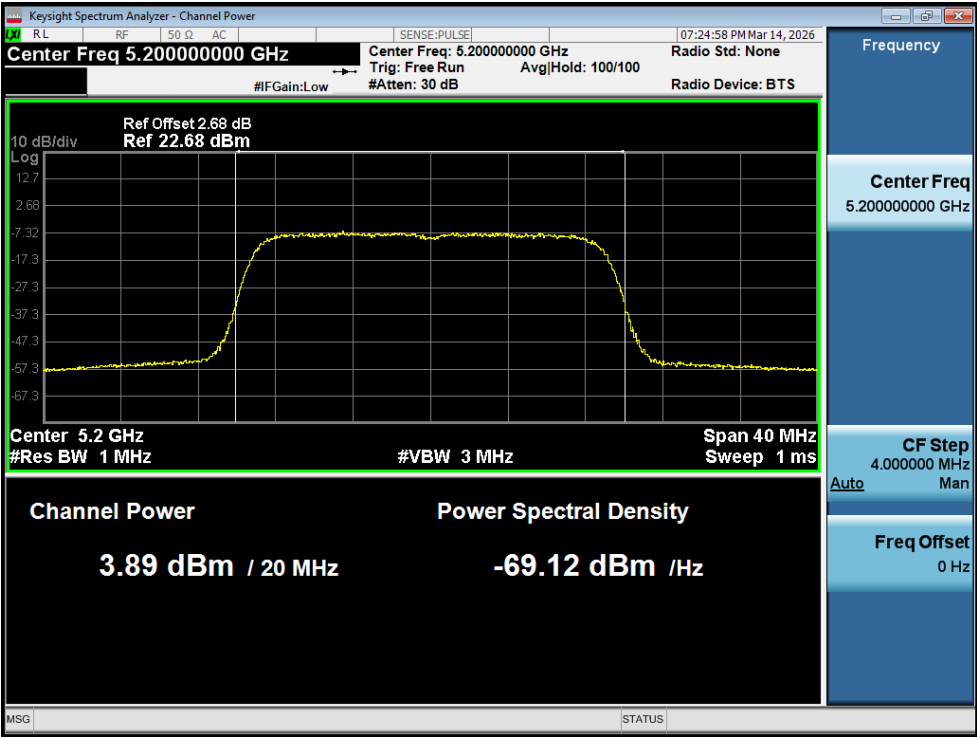
Power NVNT a 5200MHz Ant1



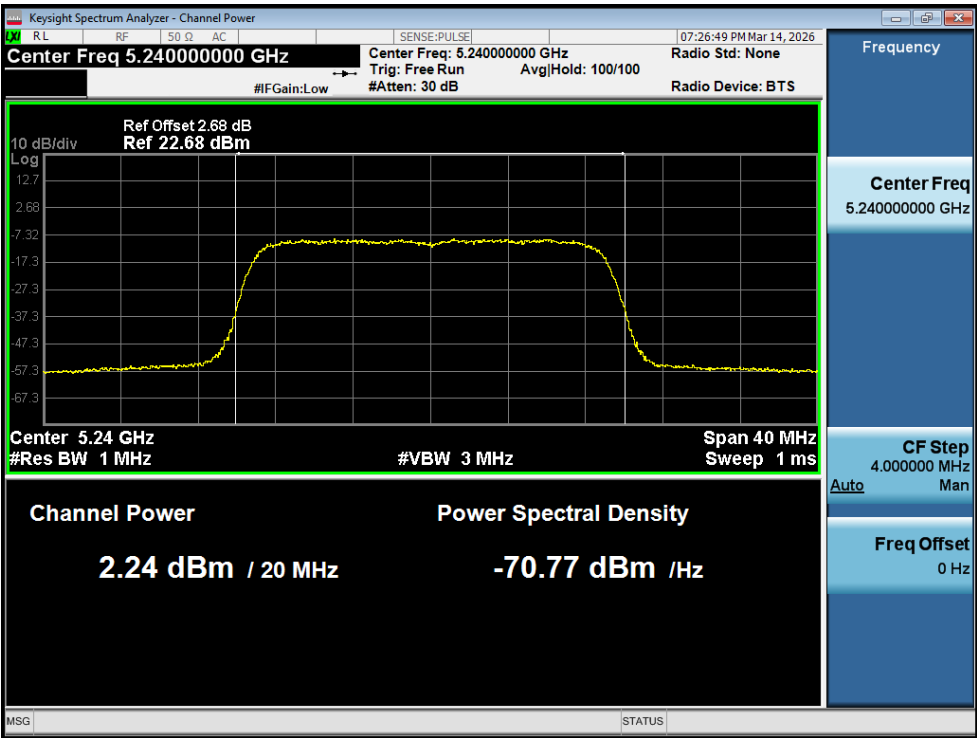
Power NVNT a 5240MHz Ant1



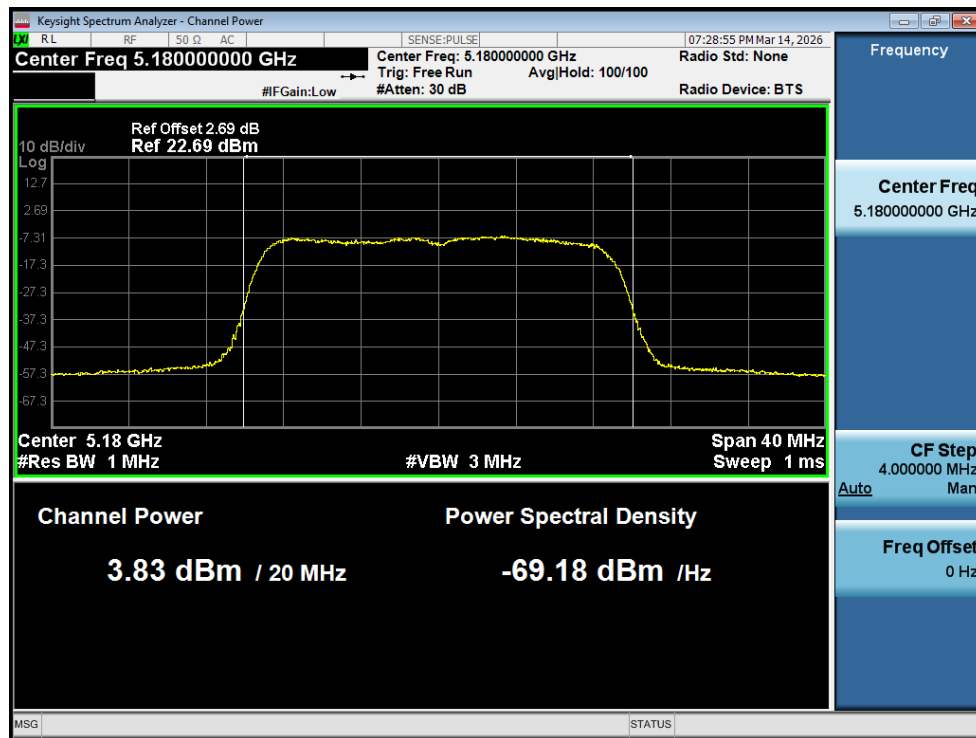
Power NVNT n20 5180MHz Ant1



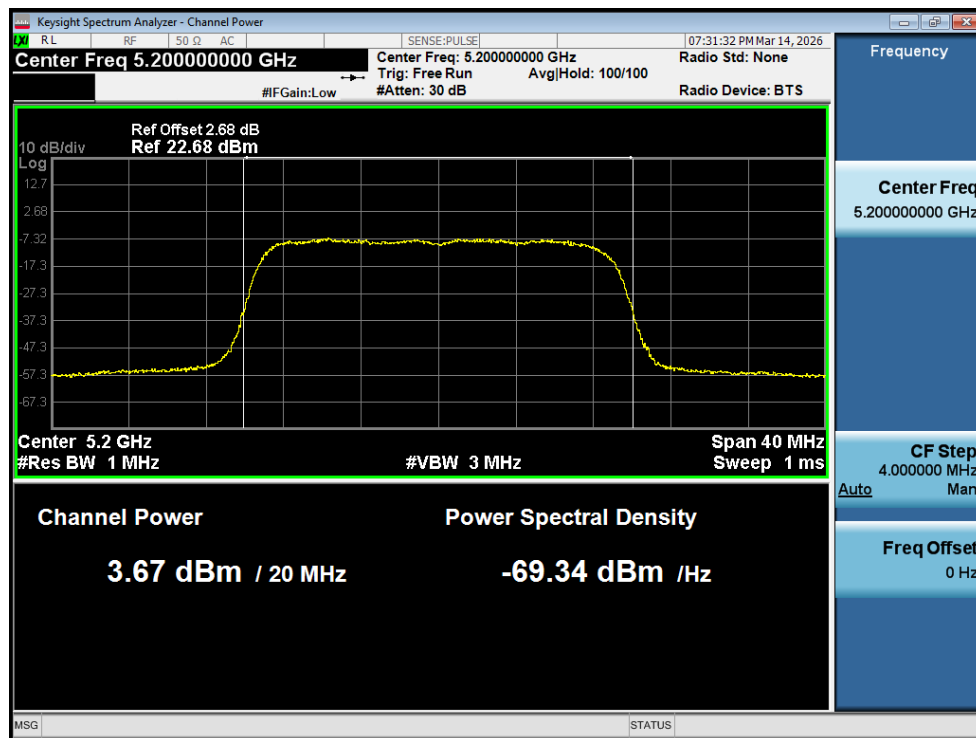
Power NVNT n20 5200MHz Ant1



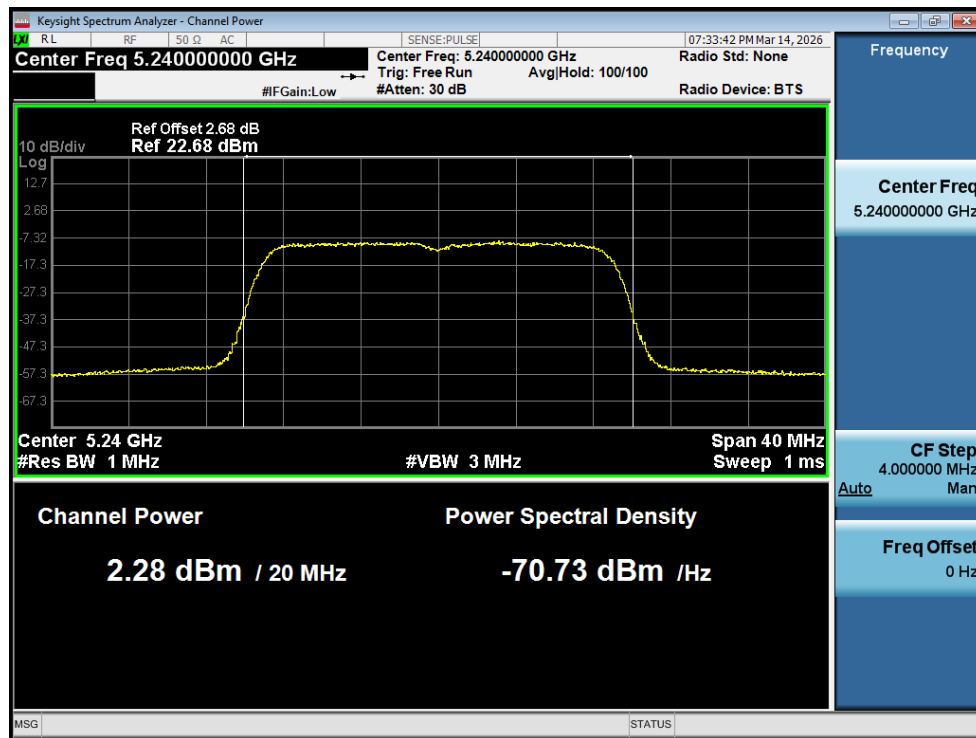
Power NVNT n20 5240MHz Ant1



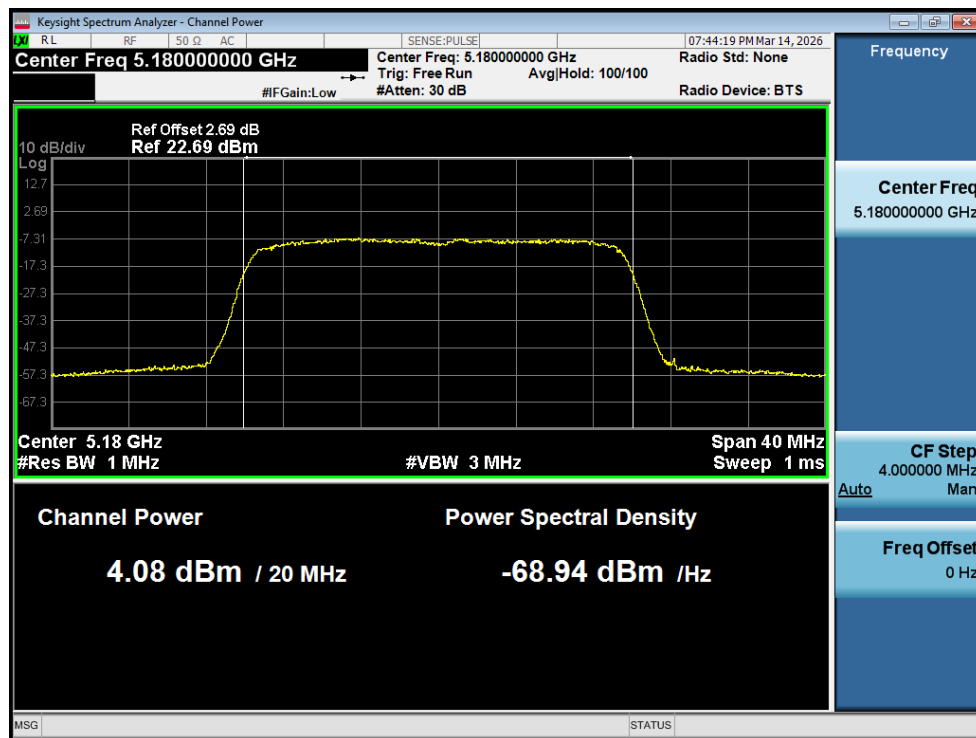
Power NVNT ac20 5180MHz Ant1



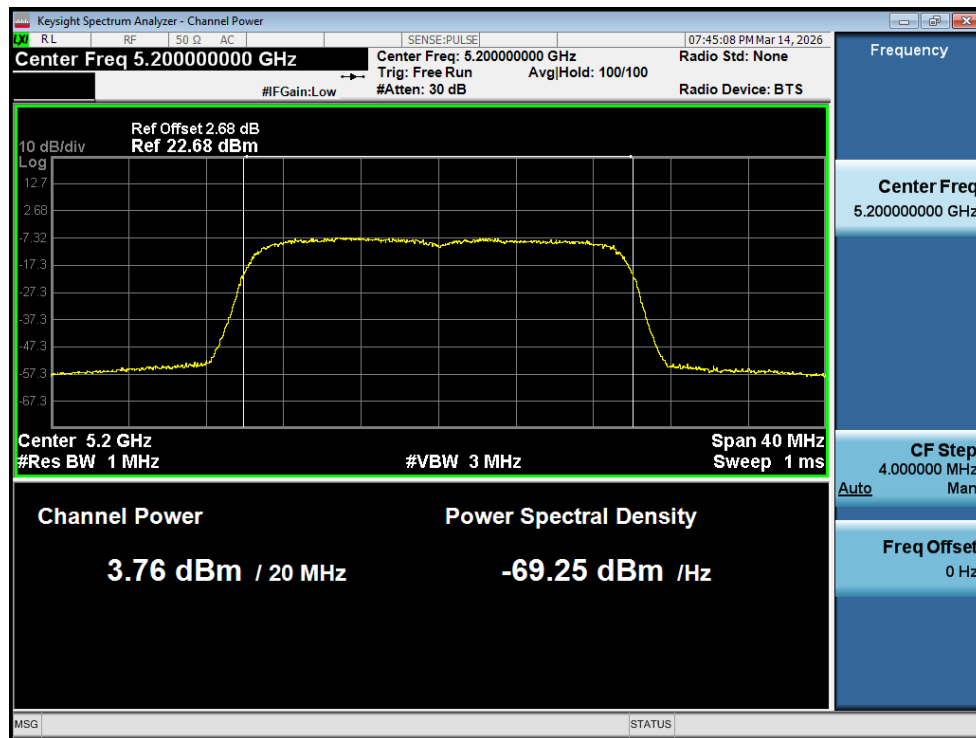
Power NVNT ac20 5200MHz Ant1



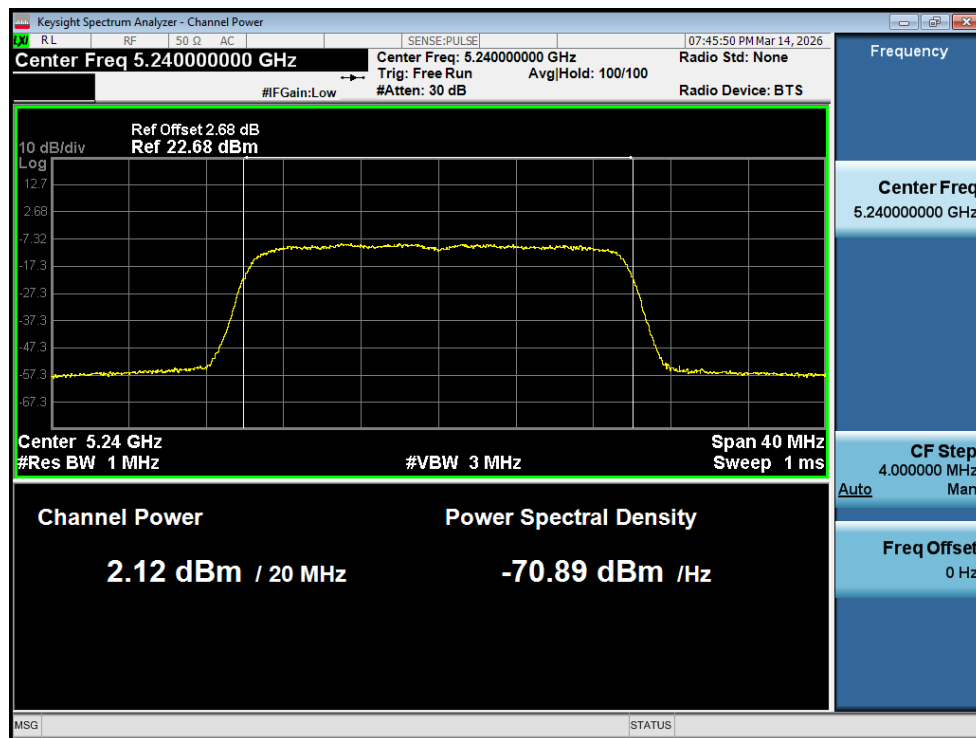
Power NVNT ac20 5240MHz Ant1



Power NVNT ax20 5180MHz Ant1



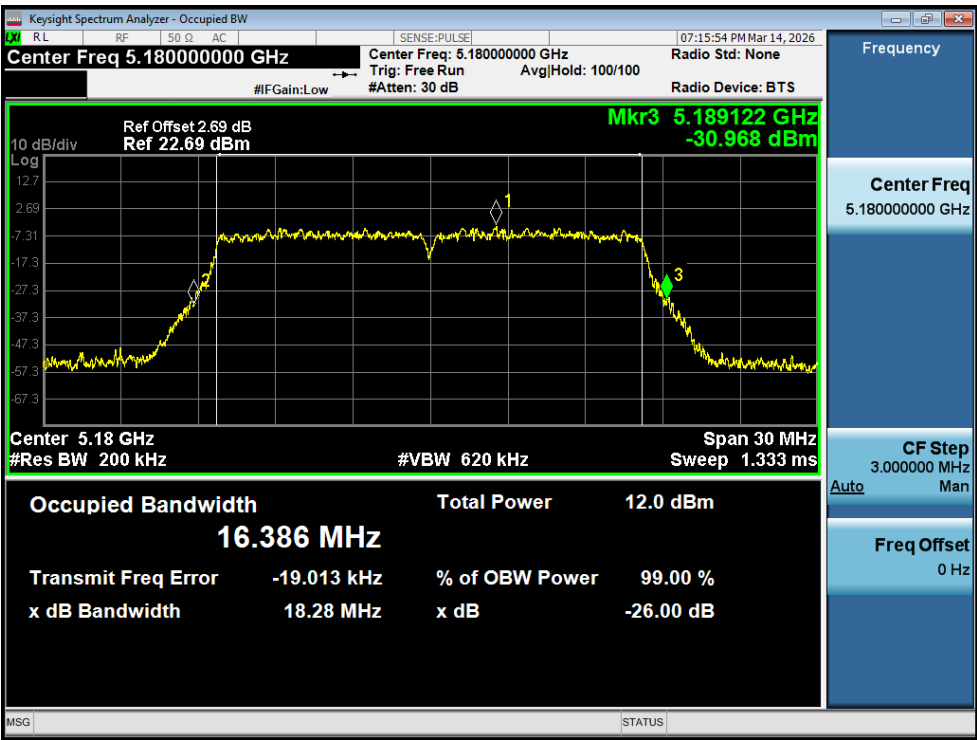
Power NVNT ax20 5200MHz Ant1



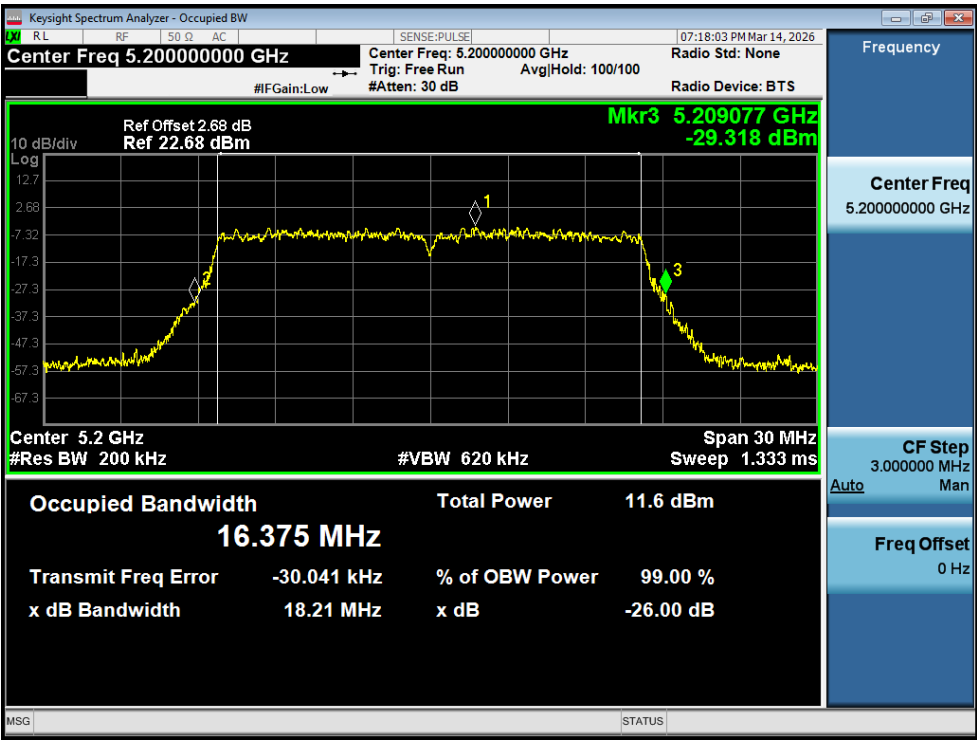
Power NVNT ax20 5240MHz Ant1

3. -26dB Bandwidth

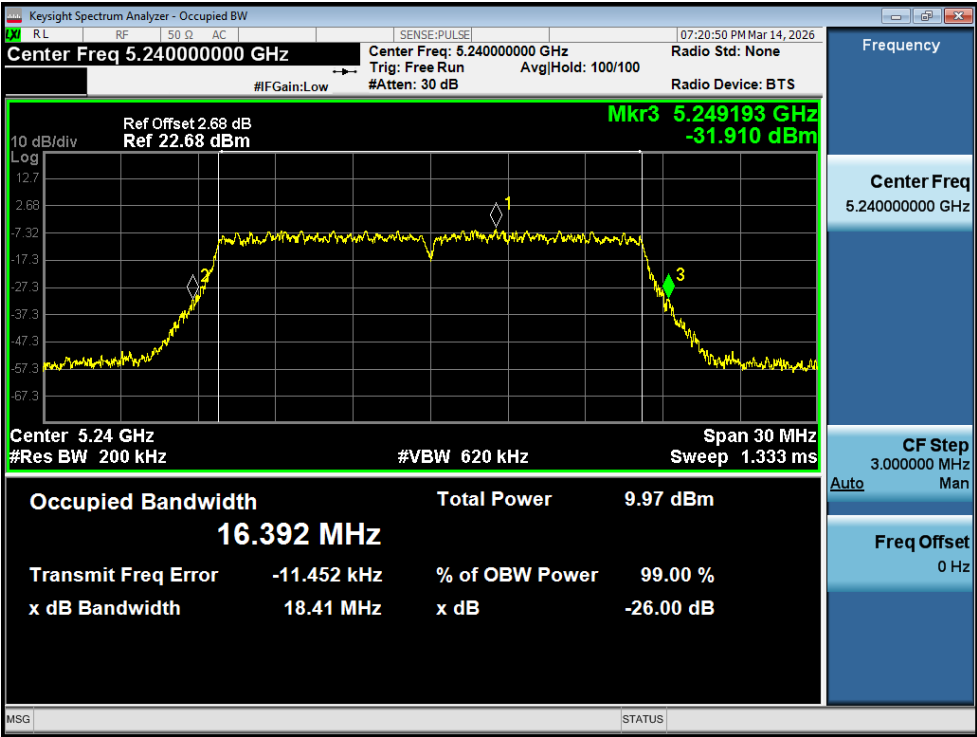
Condition	Mode	Frequency (MHz)	Antenna	-26 dB Bandwidth (MHz)	Verdict
NVNT	a	5180	Ant1	18.282	Pass
NVNT	a	5200	Ant1	18.213	Pass
NVNT	a	5240	Ant1	18.409	Pass
NVNT	n20	5180	Ant1	18.964	Pass
NVNT	n20	5200	Ant1	18.915	Pass
NVNT	n20	5240	Ant1	18.936	Pass
NVNT	ac20	5180	Ant1	18.988	Pass
NVNT	ac20	5200	Ant1	18.832	Pass
NVNT	ac20	5240	Ant1	18.985	Pass
NVNT	ax20	5180	Ant1	19.761	Pass
NVNT	ax20	5200	Ant1	19.716	Pass
NVNT	ax20	5240	Ant1	19.797	Pass



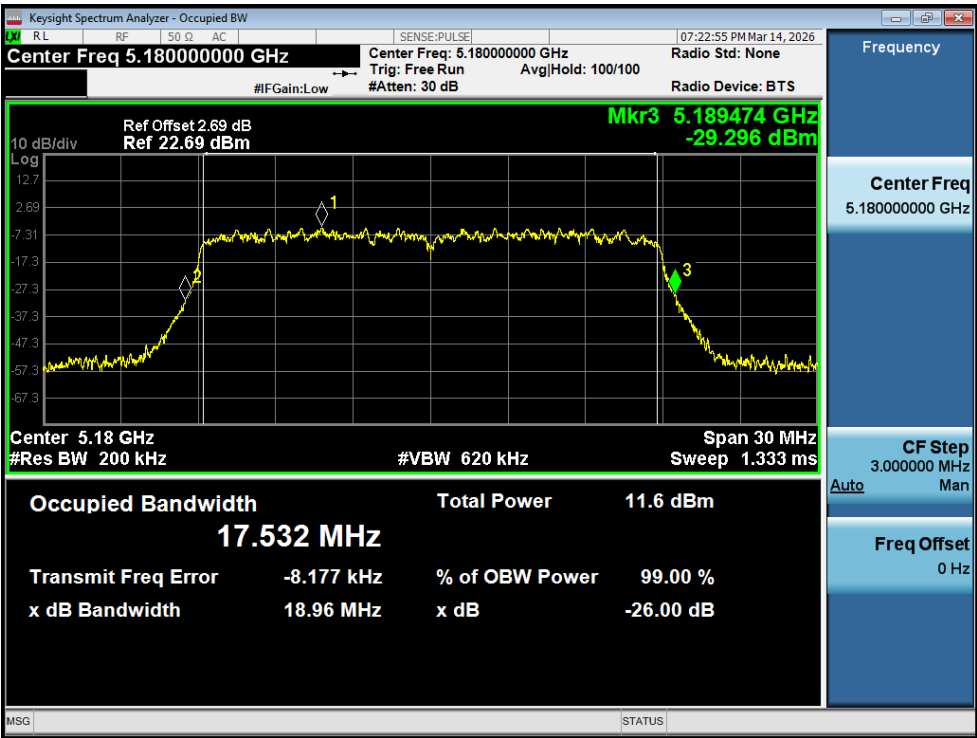
-26dB Bandwidth NVNT a 5180MHz Ant1



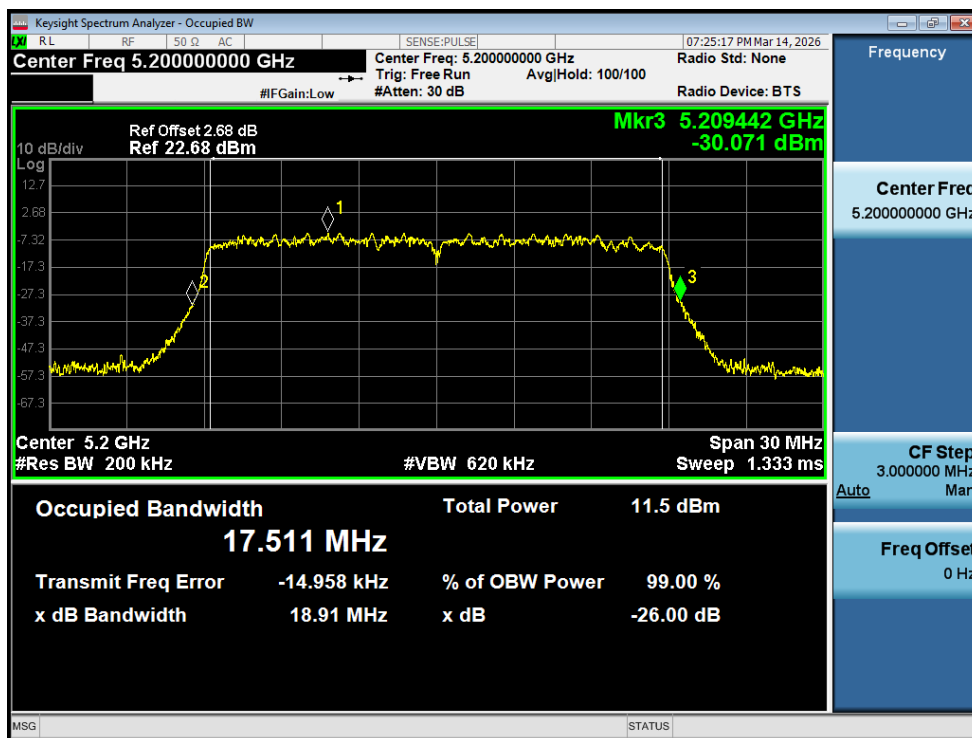
-26dB Bandwidth NVNT a 5200MHz Ant1



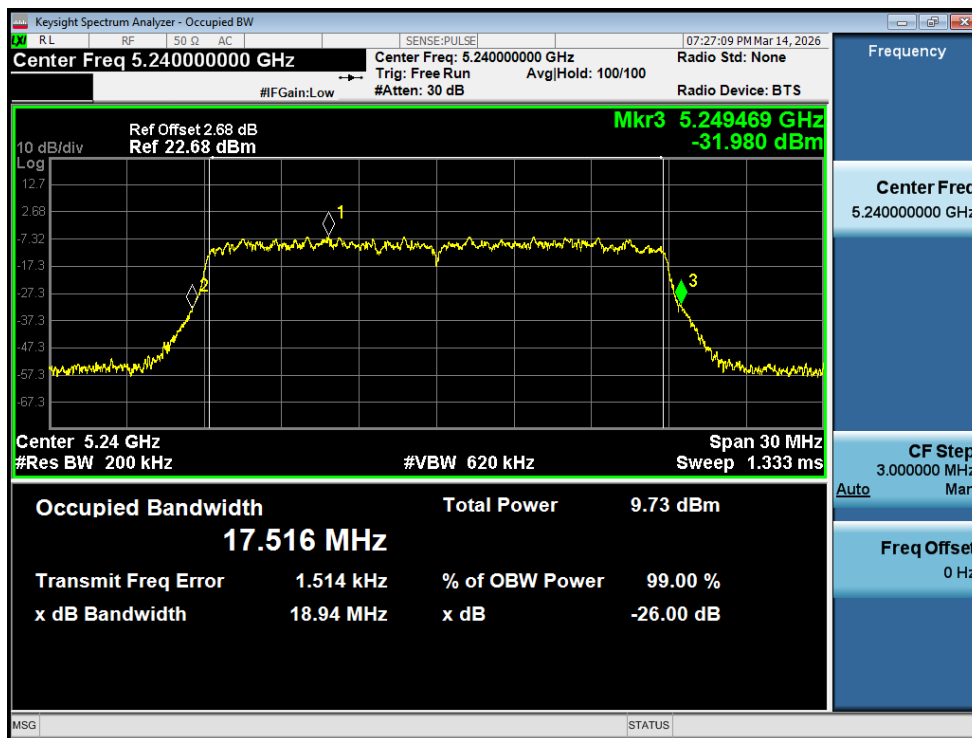
-26dB Bandwidth NVNT a 5240MHz Ant1



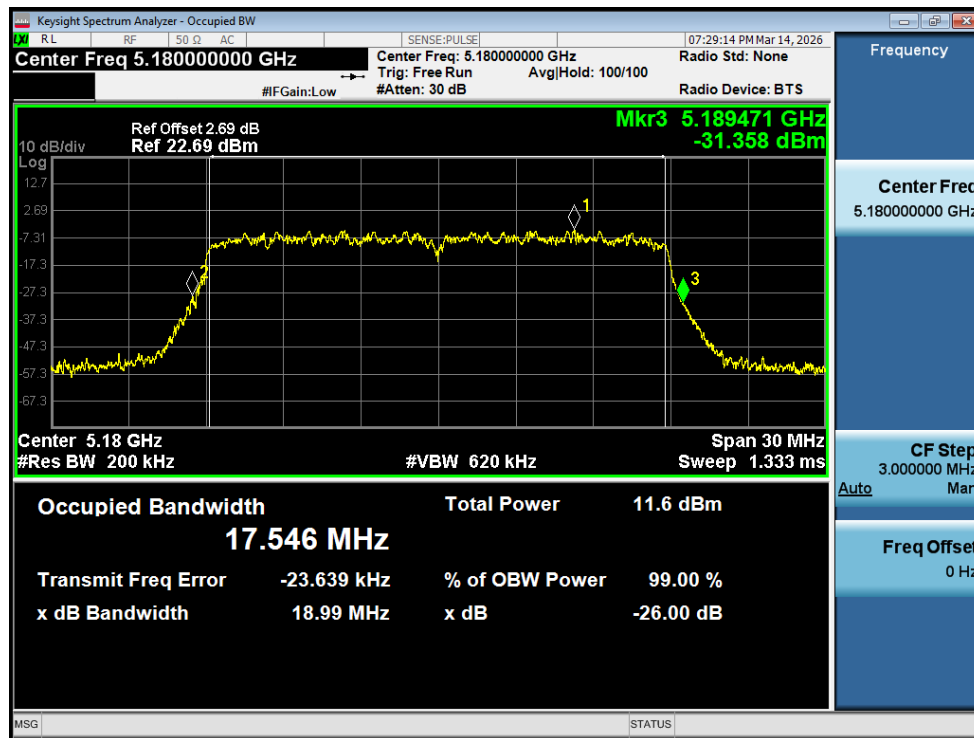
-26dB Bandwidth NVNT n20 5180MHz Ant1



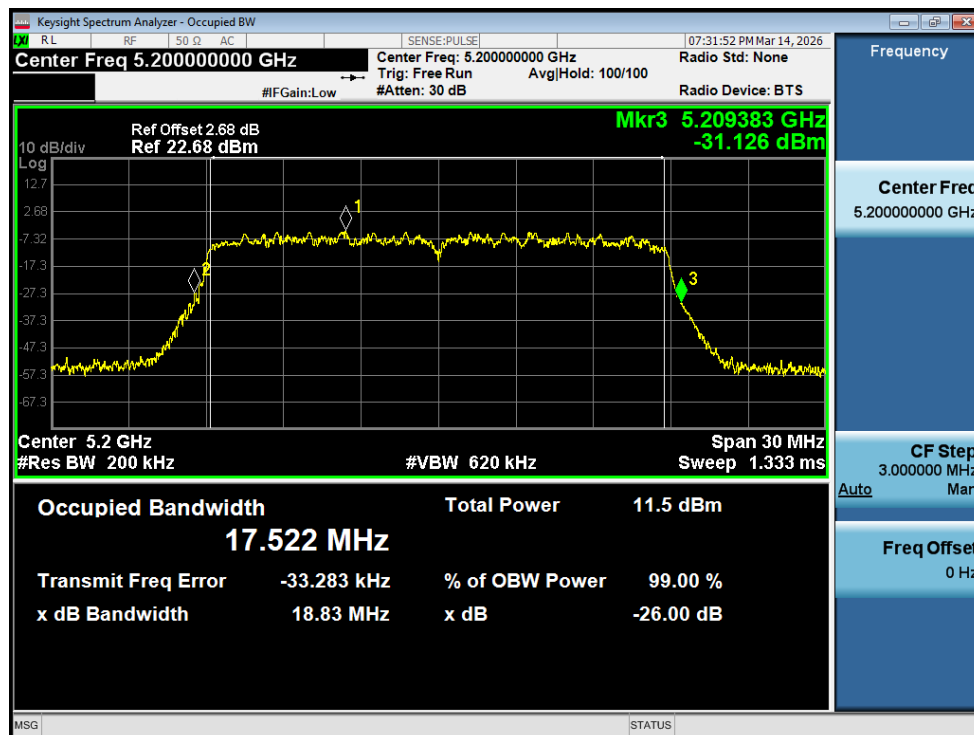
-26dB Bandwidth NVNT n20 5200MHz Ant1



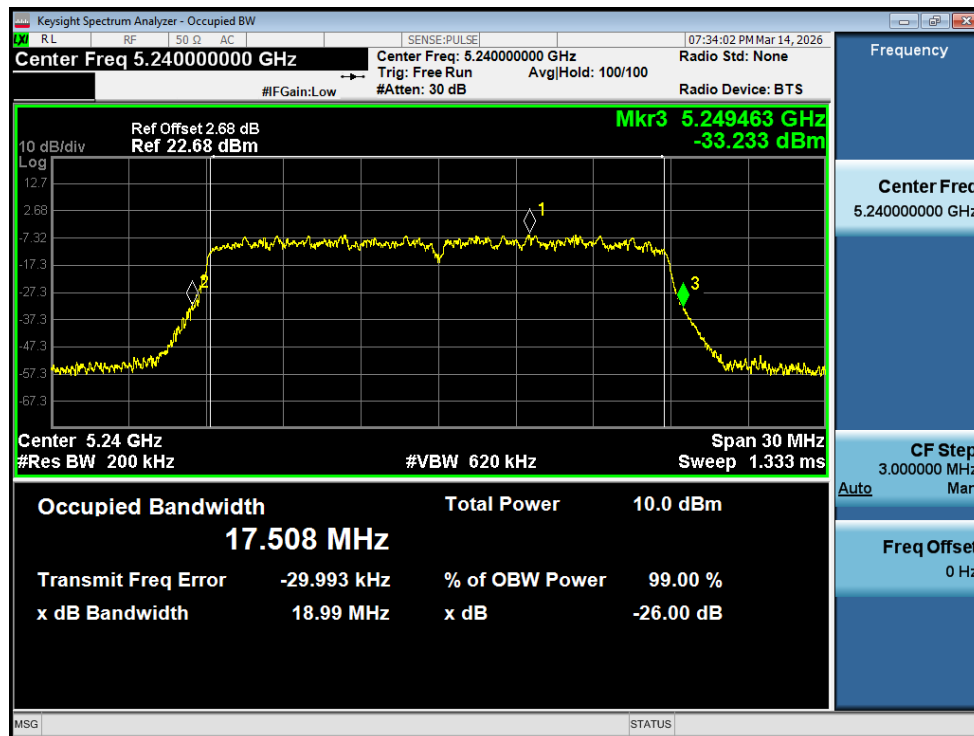
-26dB Bandwidth NVNT n20 5240MHz Ant1



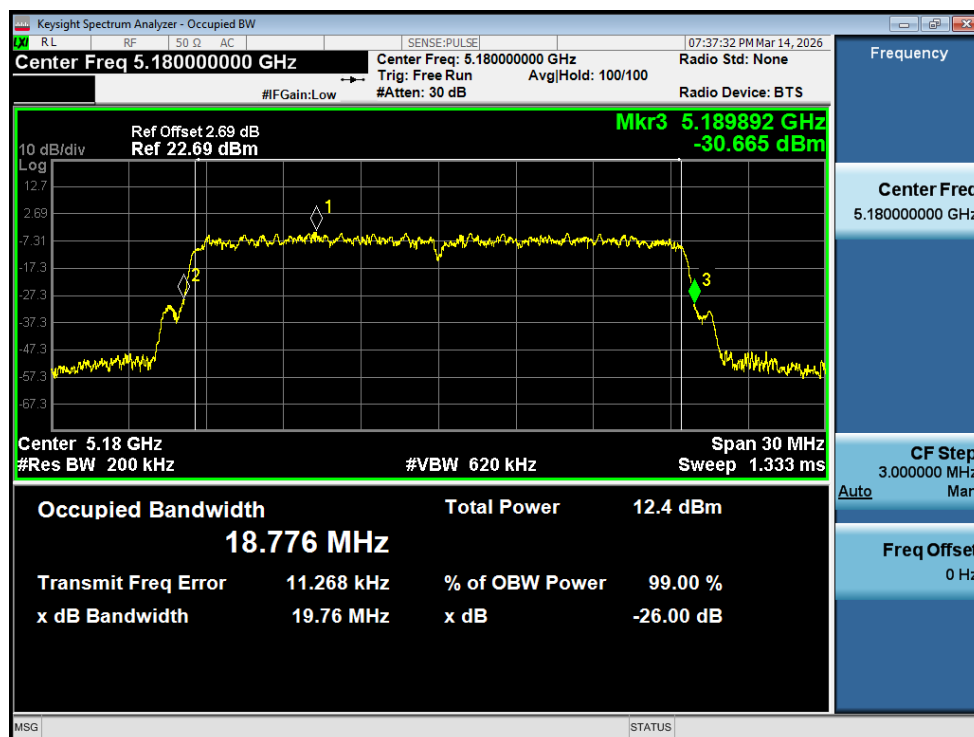
-26dB Bandwidth NVNT ac20 5180MHz Ant1



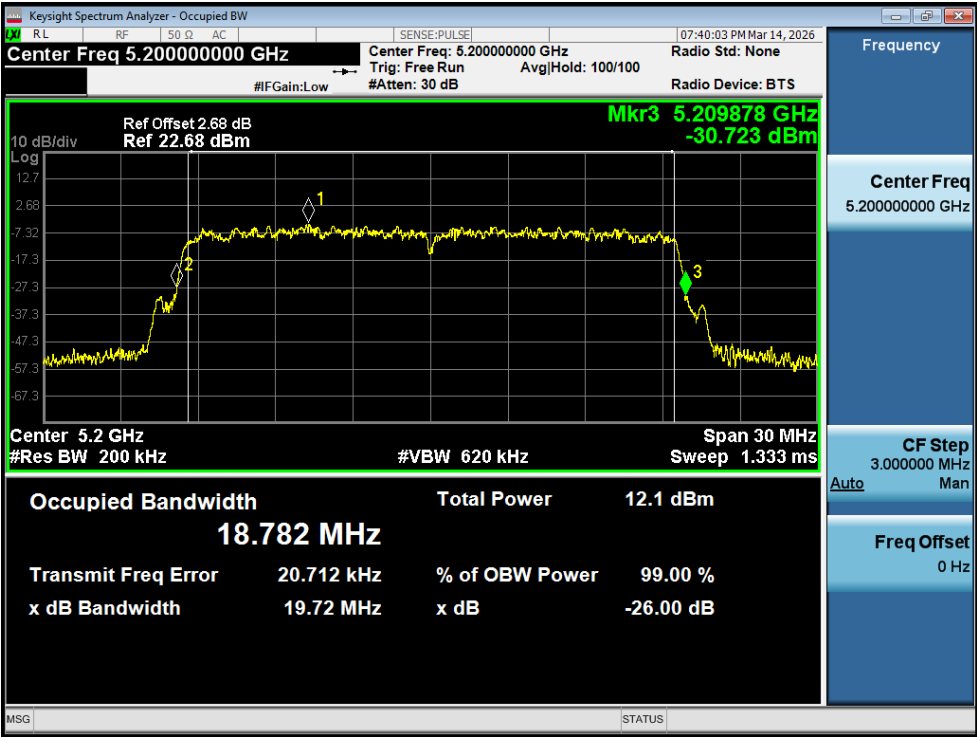
-26dB Bandwidth NVNT ac20 5200MHz Ant1



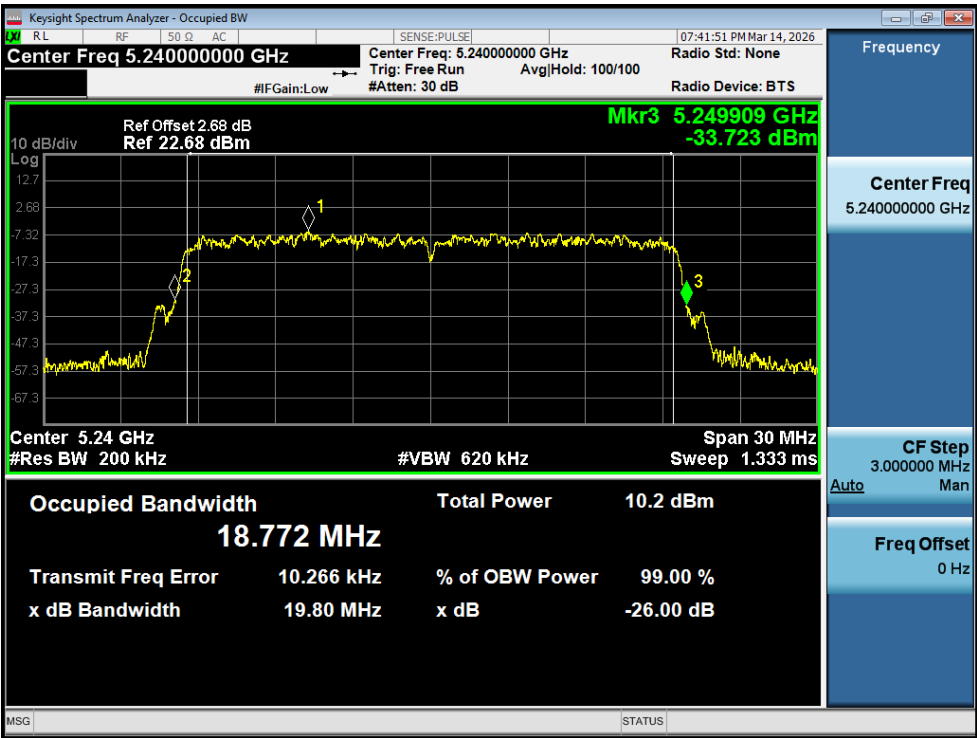
-26dB Bandwidth NVNT ac20 5240MHz Ant1



-26dB Bandwidth NVNT ax20 5180MHz Ant1



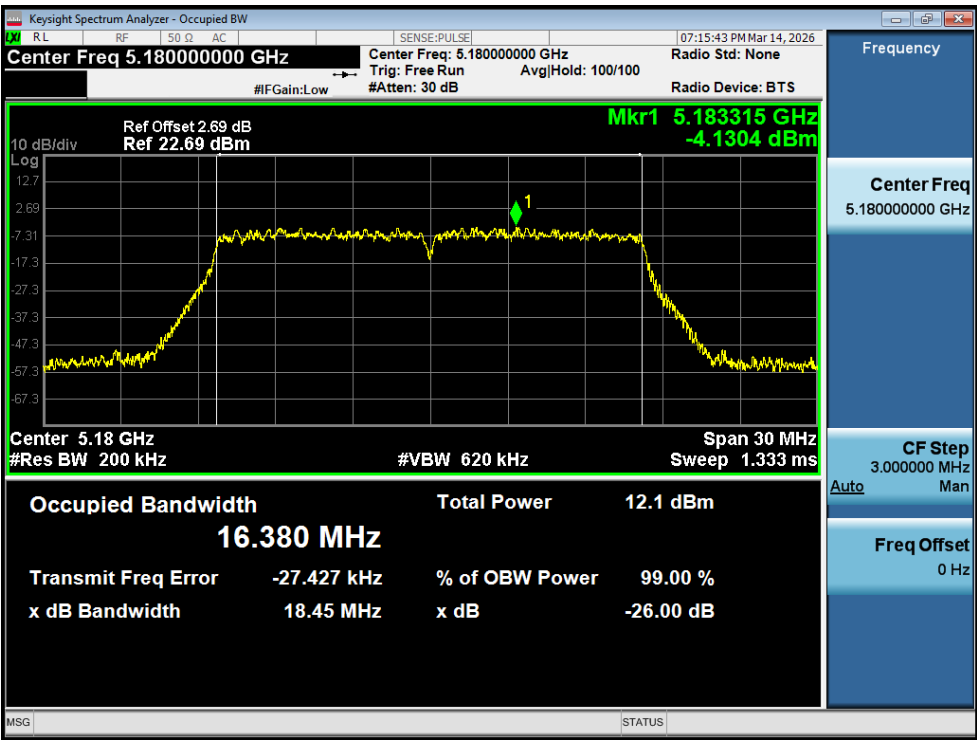
-26dB Bandwidth NVNT ax20 5200MHz Ant1



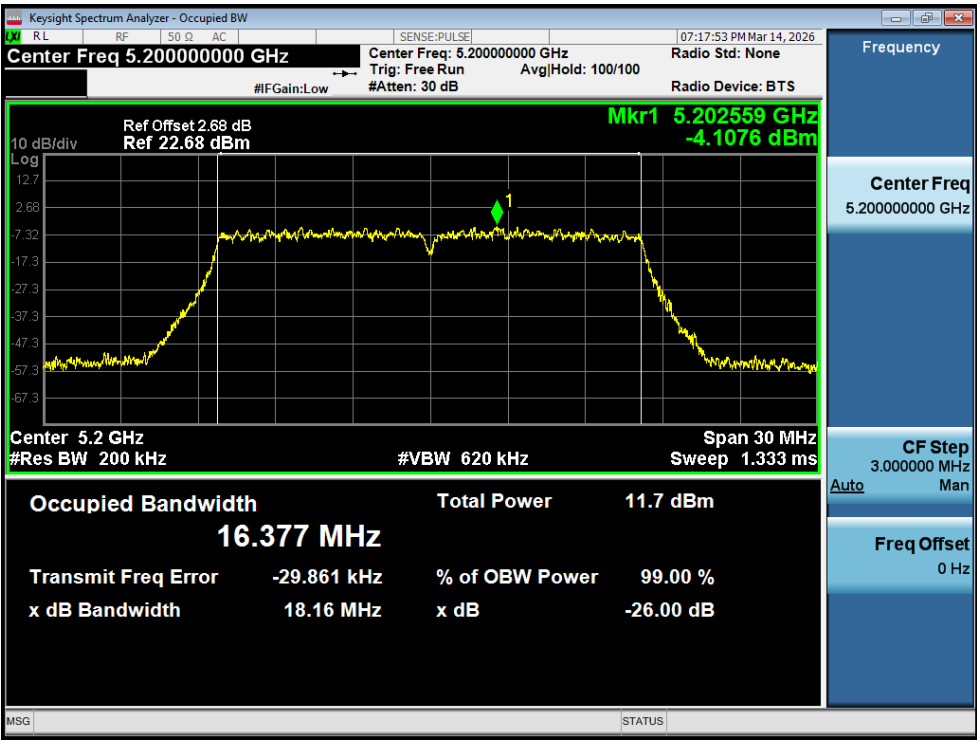
-26dB Bandwidth NVNT ax20 5240MHz Ant1

4. Occupied Channel Bandwidth

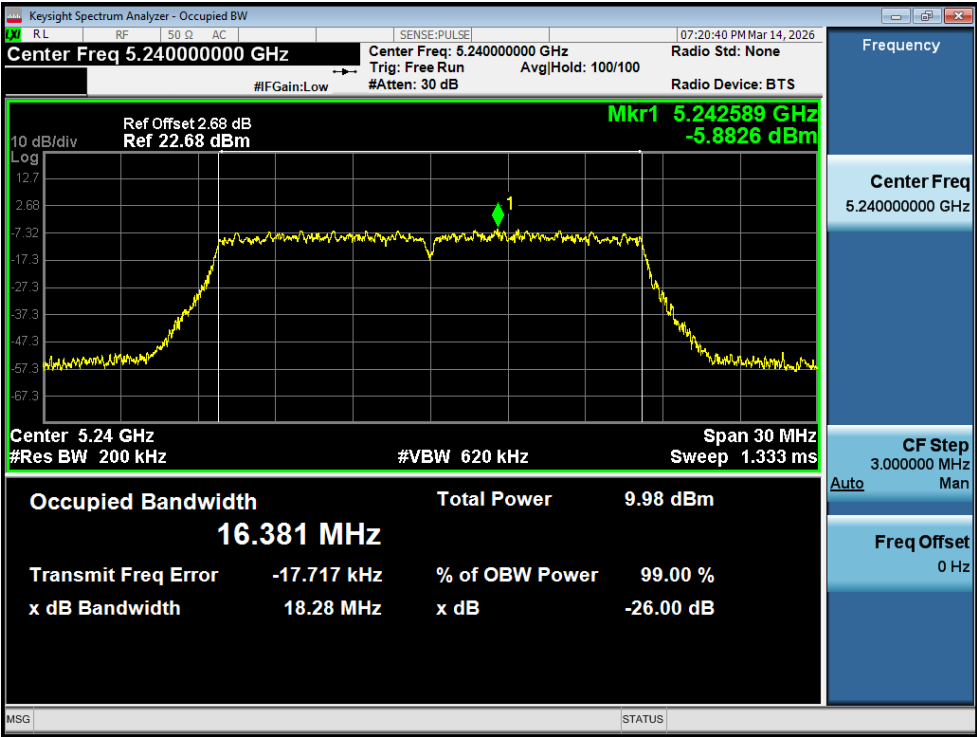
Condition	Mode	Frequency (MHz)	Antenna	99% OBW (MHz)
NVNT	a	5180	Ant1	16.38
NVNT	a	5200	Ant1	16.377
NVNT	a	5240	Ant1	16.381
NVNT	n20	5180	Ant1	17.519
NVNT	n20	5200	Ant1	17.515
NVNT	n20	5240	Ant1	17.526
NVNT	ac20	5180	Ant1	17.5
NVNT	ac20	5200	Ant1	17.525
NVNT	ac20	5240	Ant1	17.517
NVNT	ax20	5180	Ant1	18.796
NVNT	ax20	5200	Ant1	18.765
NVNT	ax20	5240	Ant1	18.787



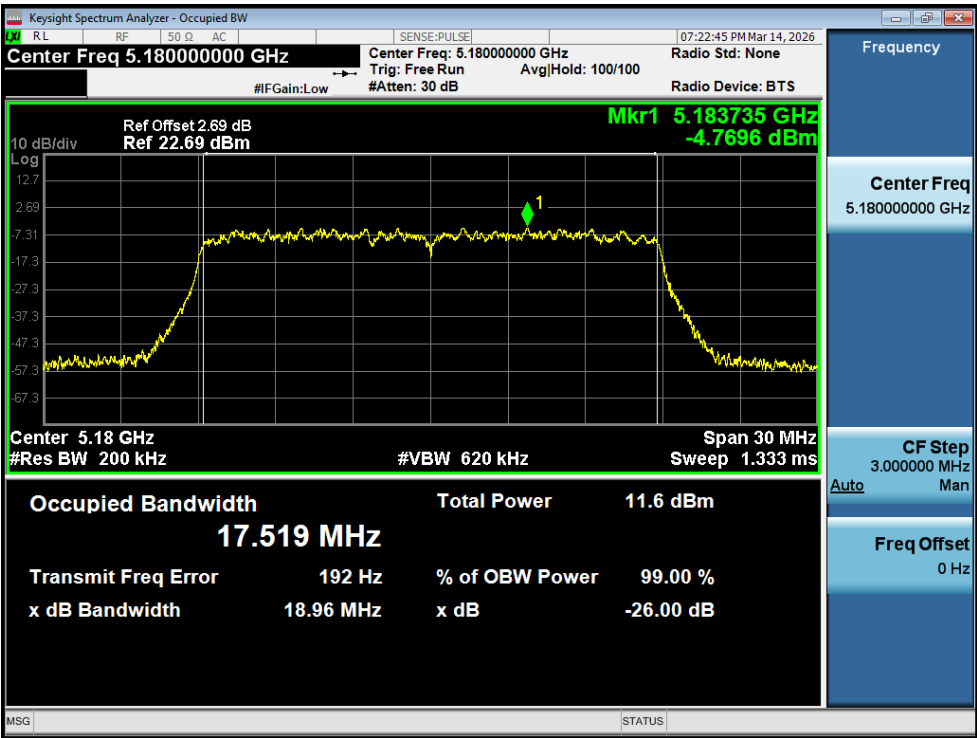
OBW NVNT a 5180MHz Ant1



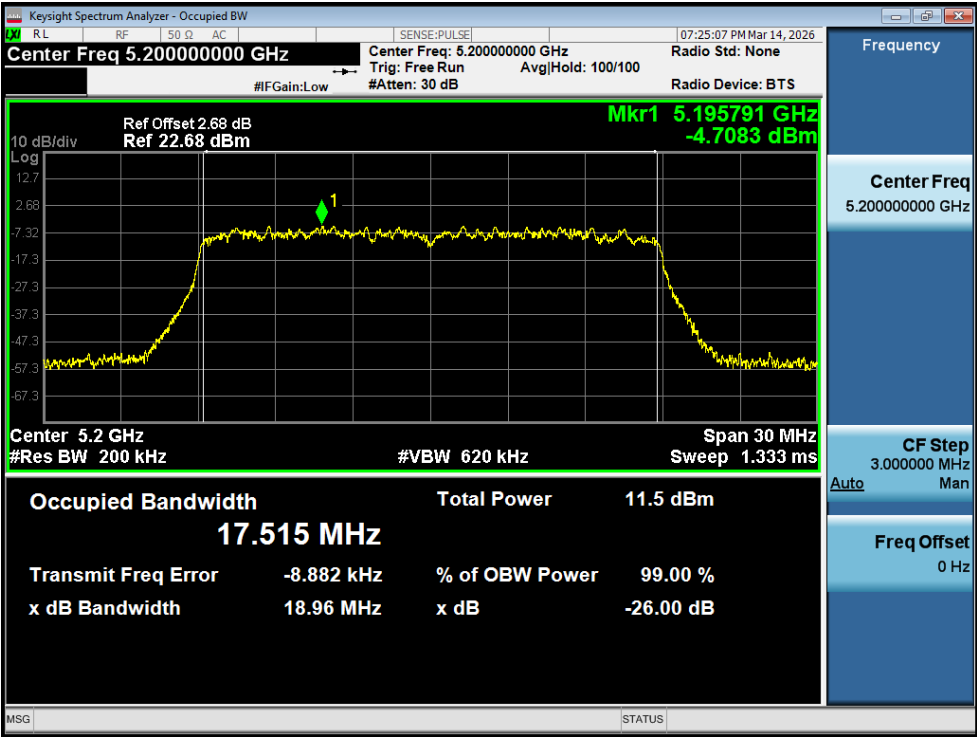
OBW NVNT a 5200MHz Ant1



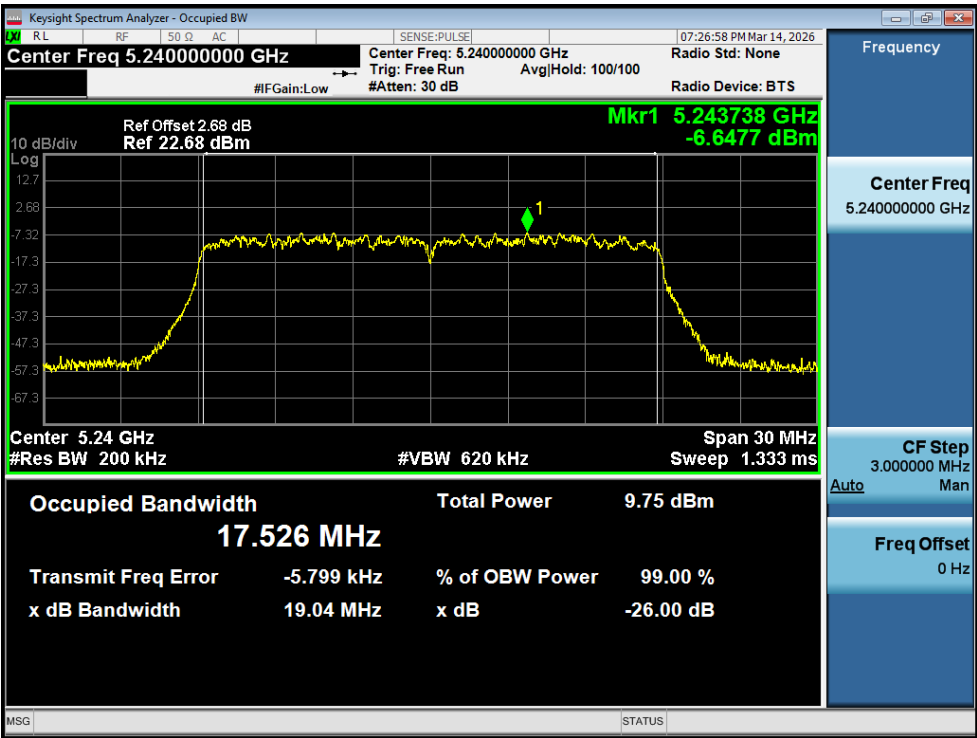
OBW NVNT a 5240MHz Ant1



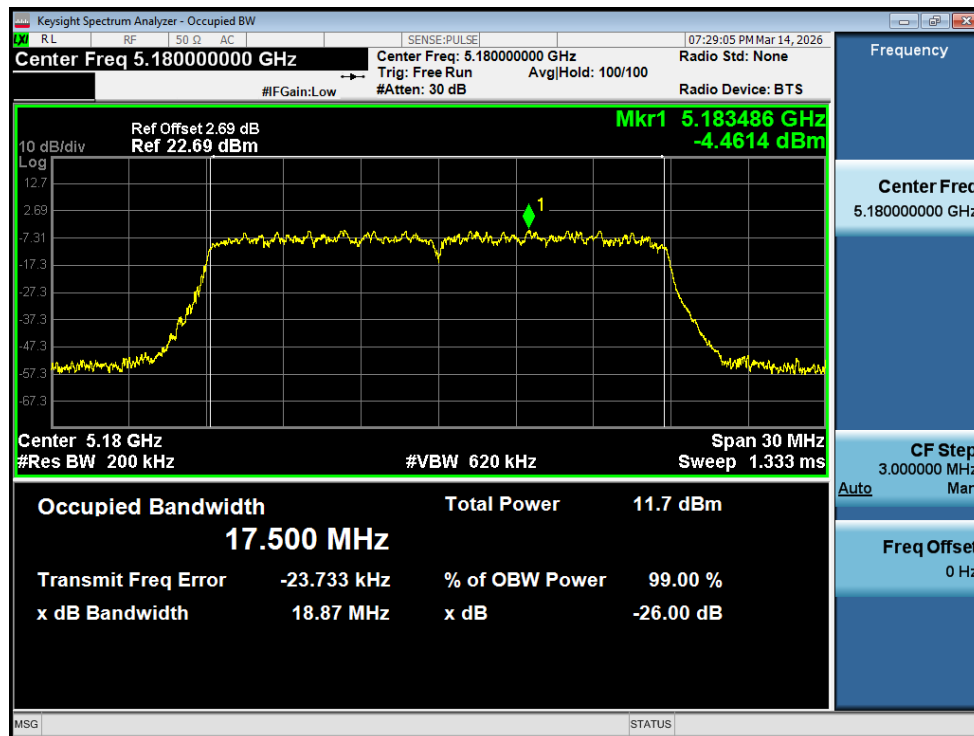
OBW NVNT n20 5180MHz Ant1



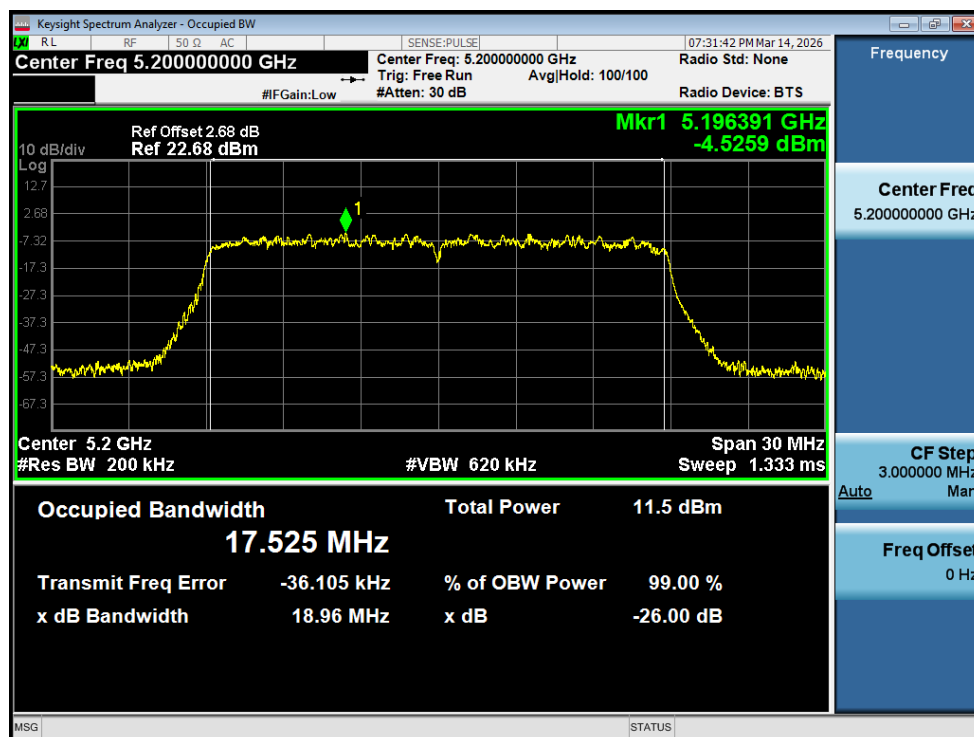
OBW NVNT n20 5200MHz Ant1



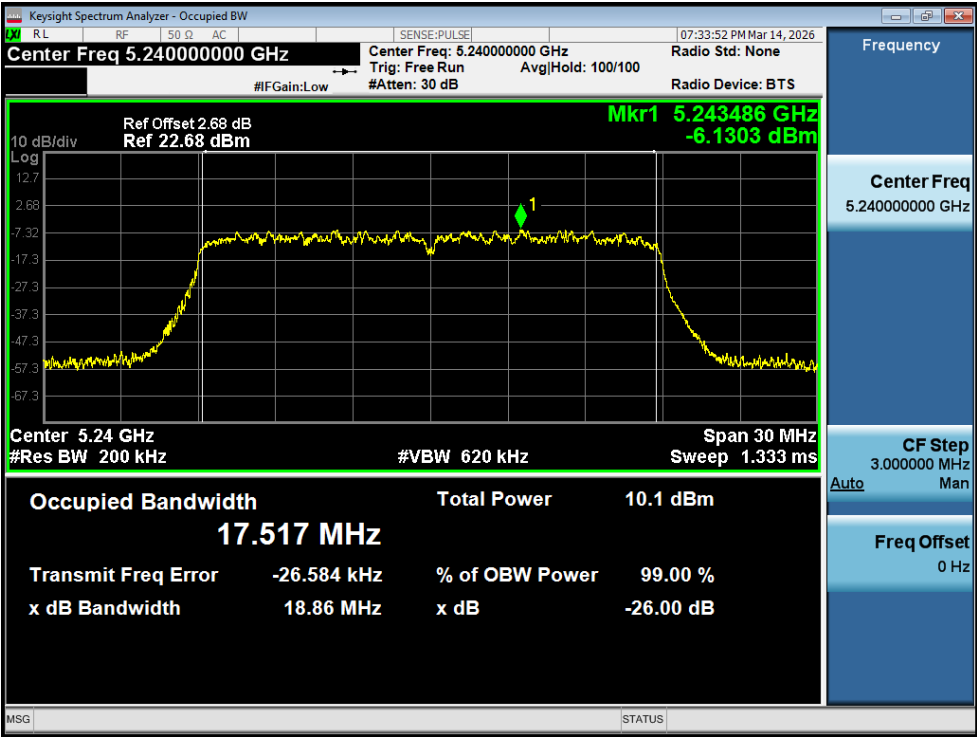
OBW NVNT n20 5240MHz Ant1



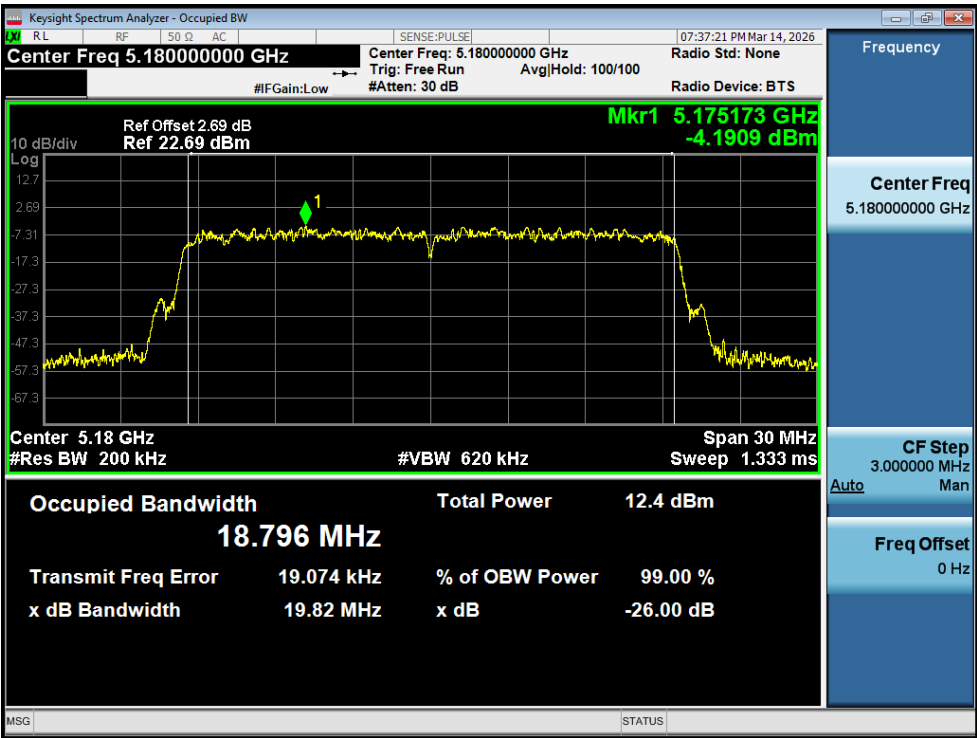
OBW NVNT ac20 5180MHz Ant1



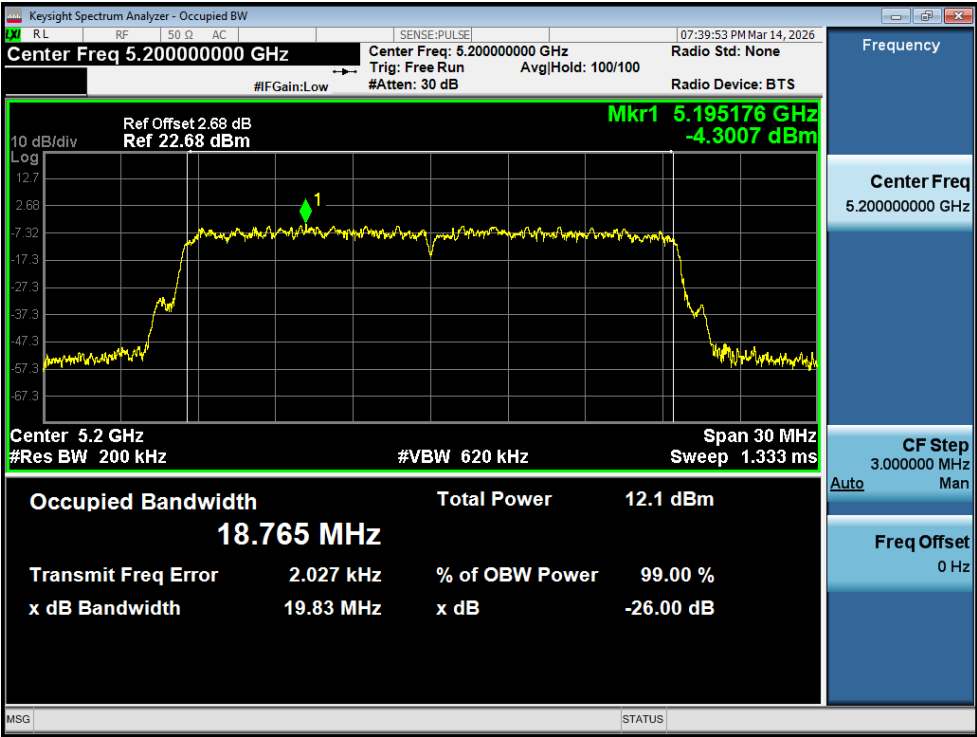
OBW NVNT ac20 5200MHz Ant1



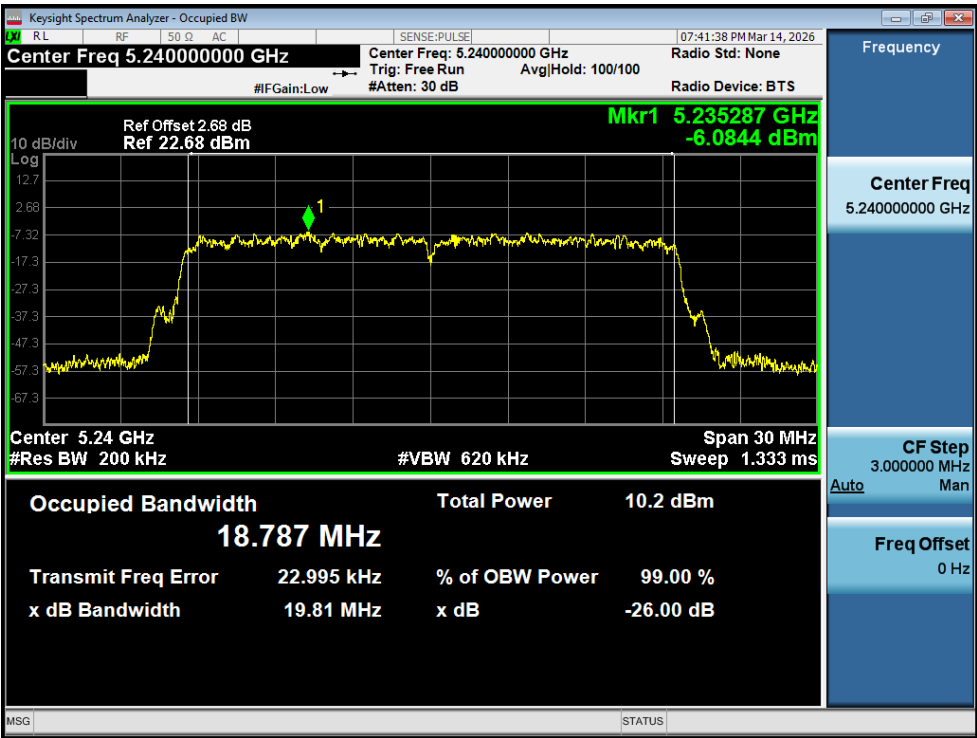
OBW NVNT ac20 5240MHz Ant1



OBW NVNT ax20 5180MHz Ant1



OBW NVNT ax20 5200MHz Ant1



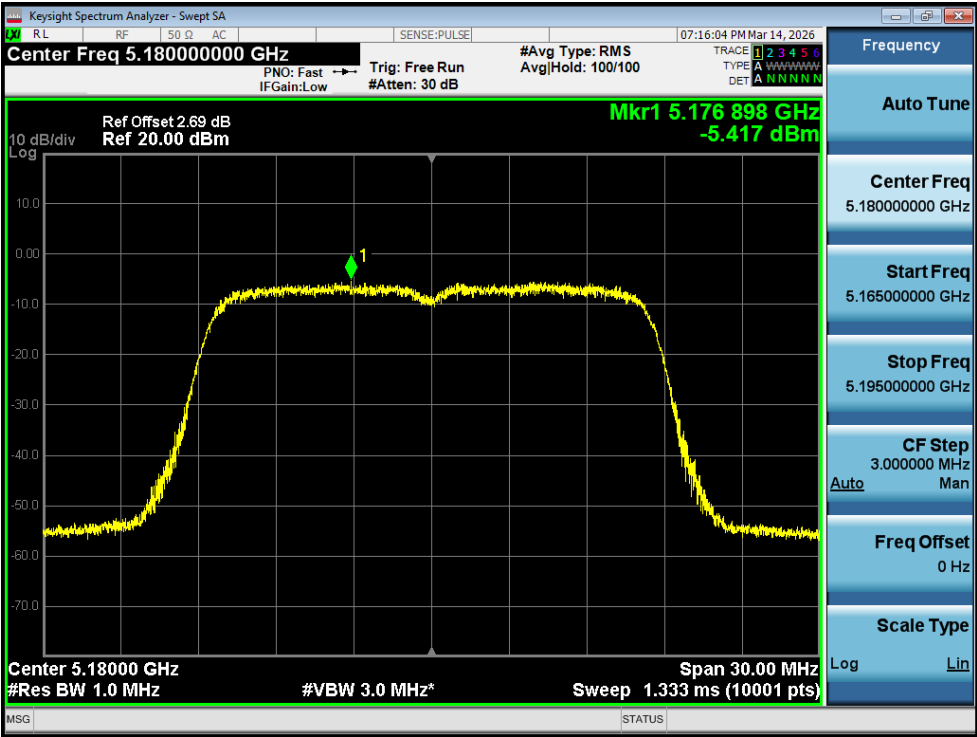
OBW NVNT ax20 5240MHz Ant1

5. Maximum Power Spectral Density Level

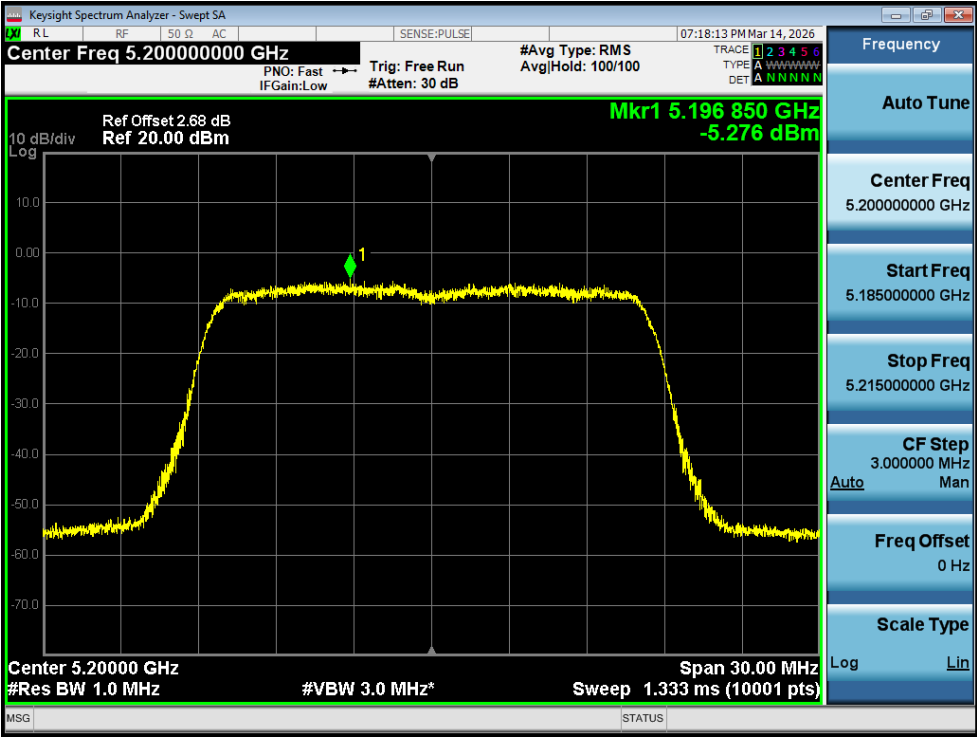
Condition	Mode	Frequency (MHz)	Antenna	Conducted PSD (dBm)	Duty Factor (dB)	Total PSD (dBm)	Limit (dBm)	Verdict
NVNT	a	5180	Ant1	-5.42	1.51	-3.91	11	Pass
NVNT	a	5200	Ant1	-5.28	1.53	-3.75	11	Pass
NVNT	a	5240	Ant1	-7.59	1.53	-6.06	11	Pass
NVNT	n20	5180	Ant1	-6.41	1.76	-4.65	11	Pass
NVNT	n20	5200	Ant1	-6.38	1.76	-4.62	11	Pass
NVNT	n20	5240	Ant1	-8.08	1.76	-6.32	11	Pass
NVNT	ac20	5180	Ant1	-6.42	1.96	-4.46	11	Pass
NVNT	ac20	5200	Ant1	-6.06	1.96	-4.1	11	Pass
NVNT	ac20	5240	Ant1	-8.05	1.96	-6.09	11	Pass
NVNT	ax20	5180	Ant1	-6.36	2.16	-4.2	11	Pass
NVNT	ax20	5200	Ant1	-6.32	2.14	-4.18	11	Pass
NVNT	ax20	5240	Ant1	-8.38	2.14	-6.24	11	Pass

Note 1: Total PSD=Conducted PSD + Duty factor

Note 2: Antenna Gain: 2.36dBi



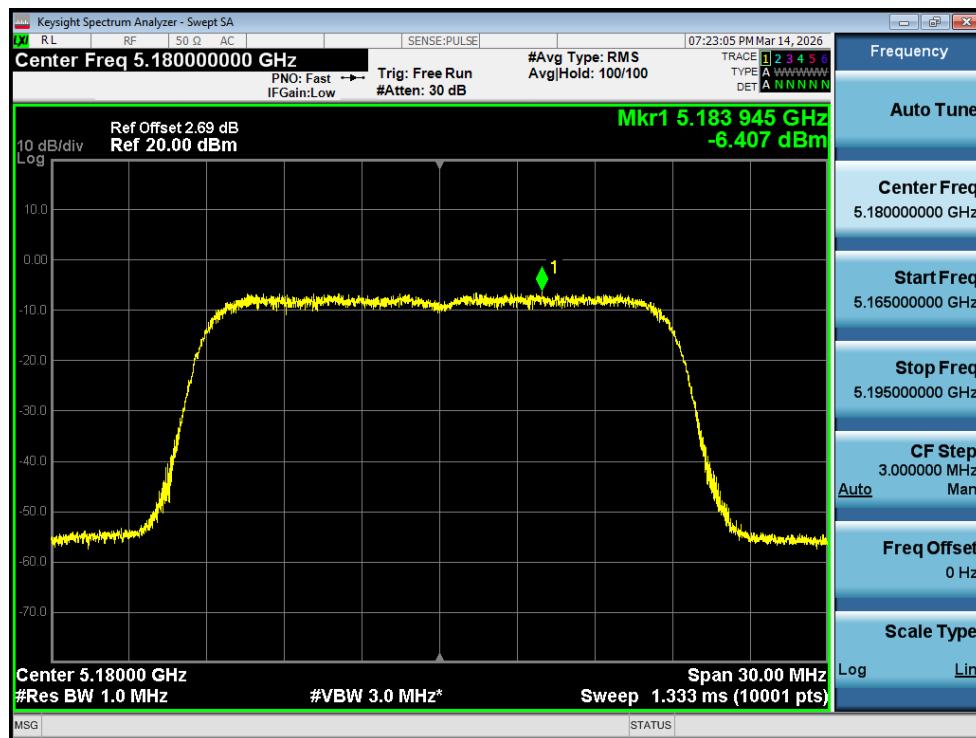
PSD NVNT a 5180MHz Ant1



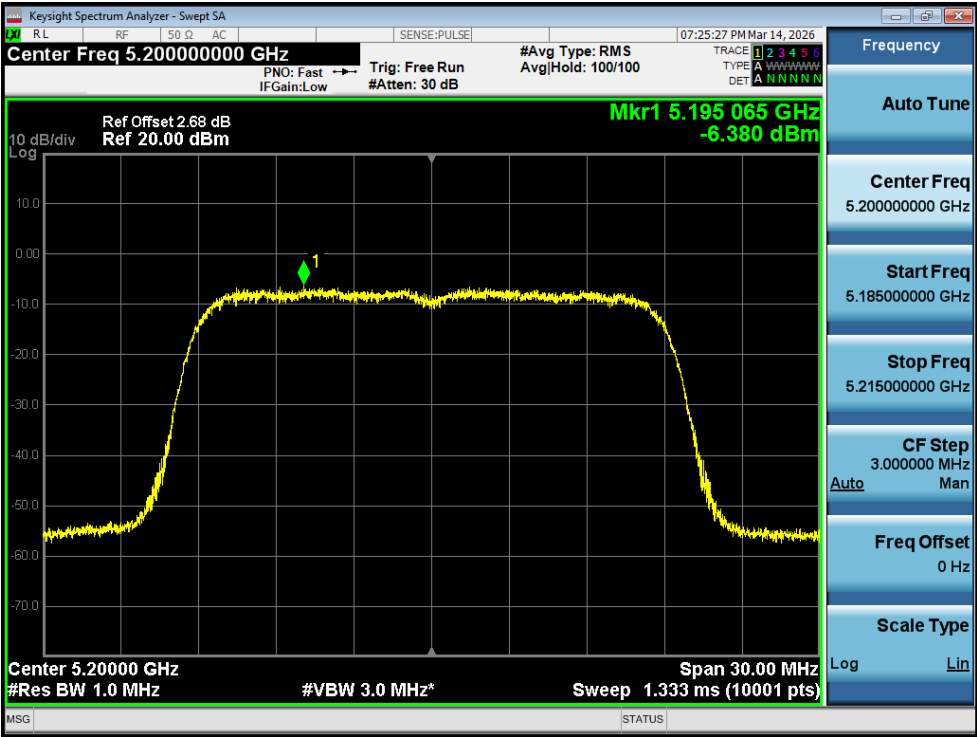
PSD NVNT a 5200MHz Ant1



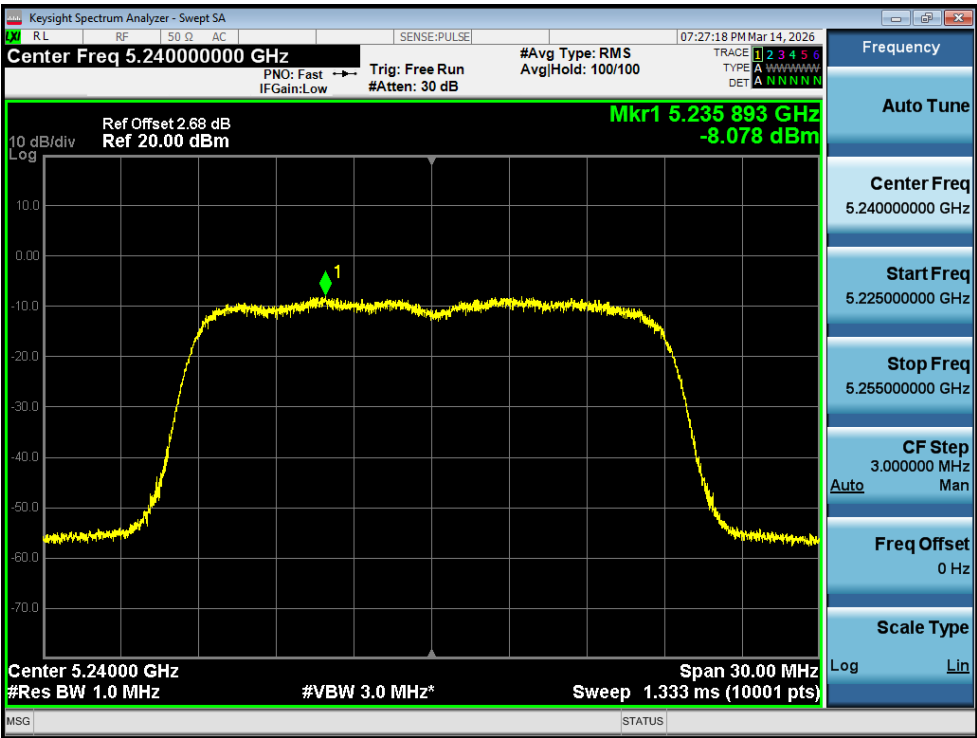
PSD NVNT a 5240MHz Ant1



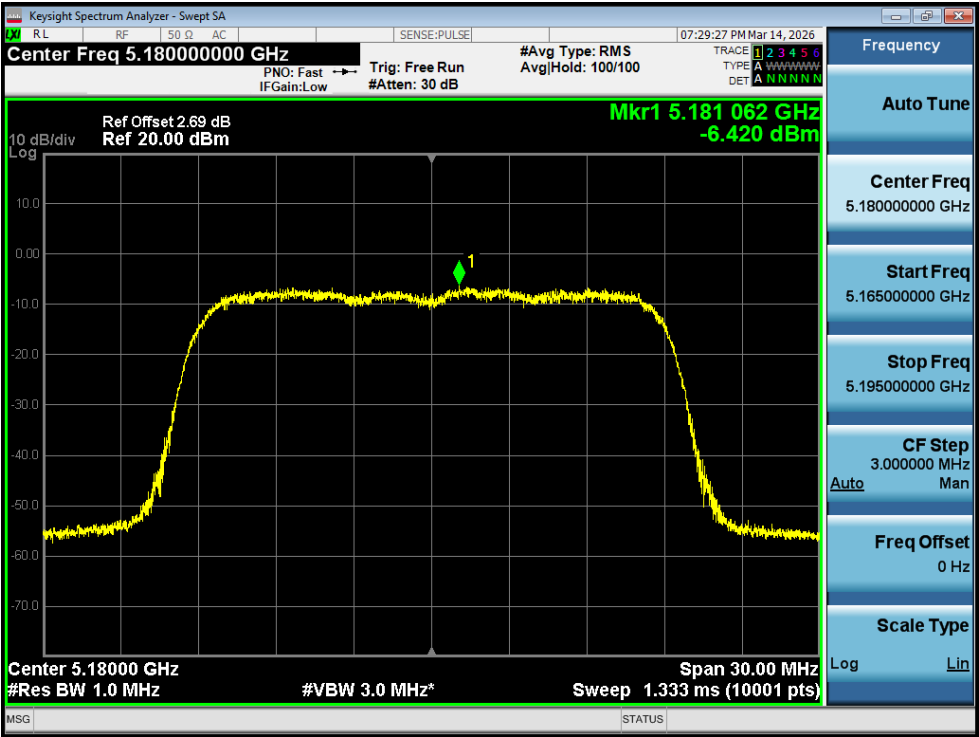
PSD NVNT n20 5180MHz Ant1



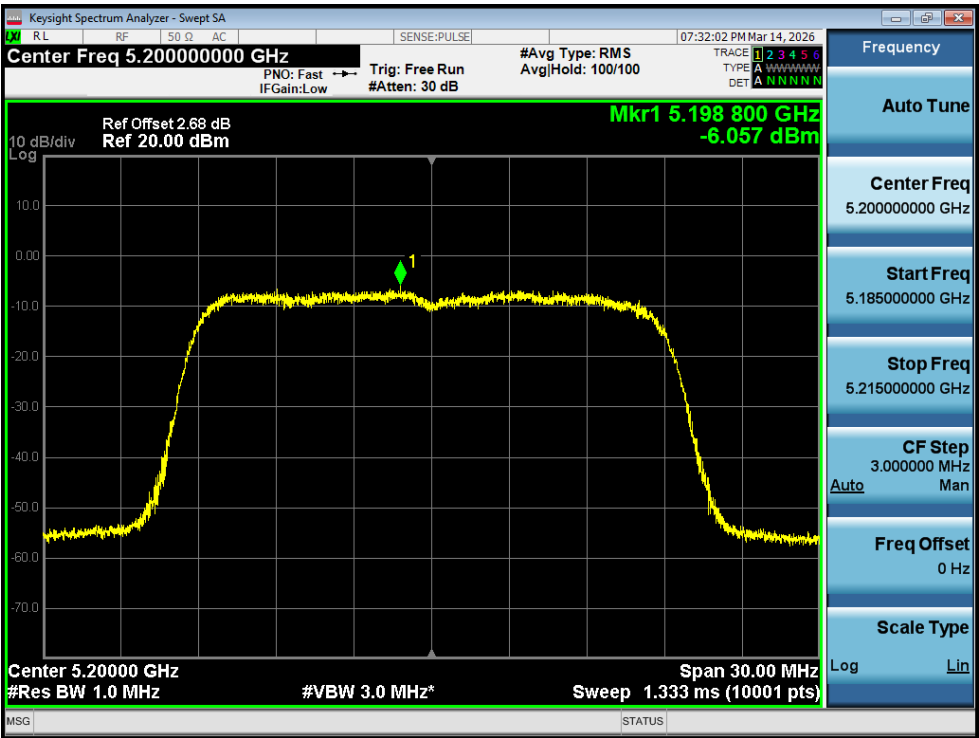
PSD NVNT n20 5200MHz Ant1



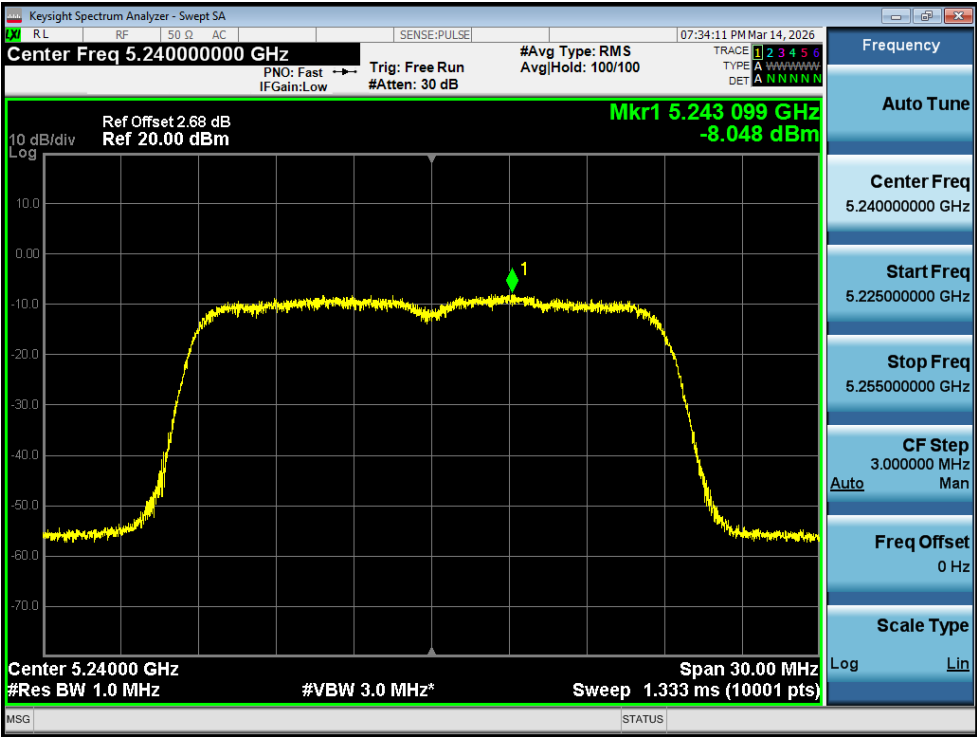
PSD NVNT n20 5240MHz Ant1



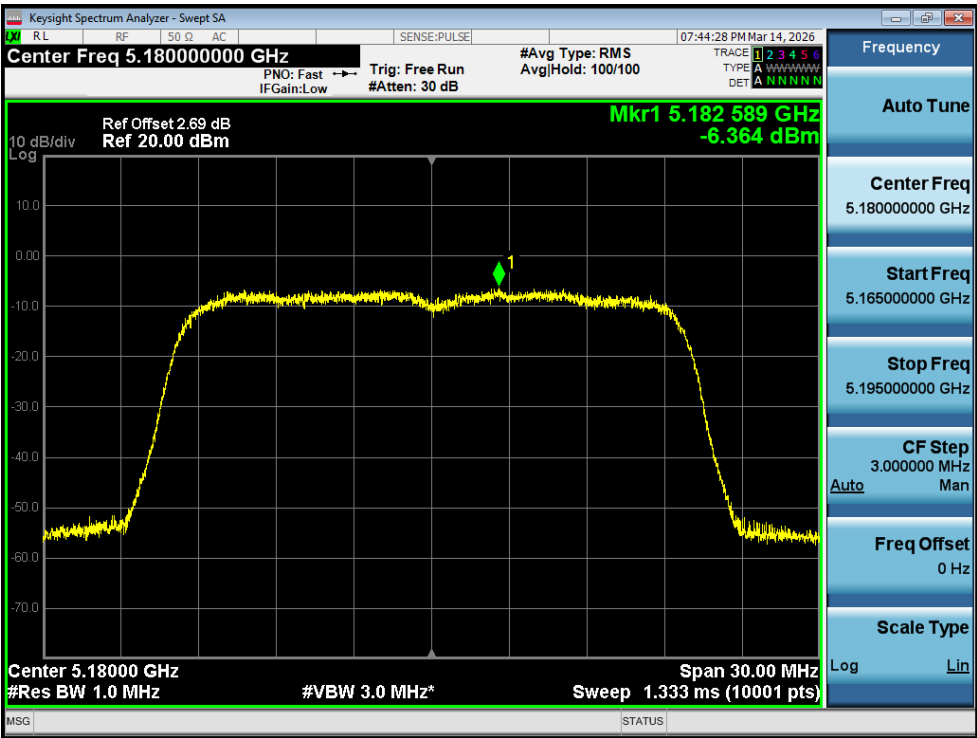
PSD NVNT ac20 5180MHz Ant1



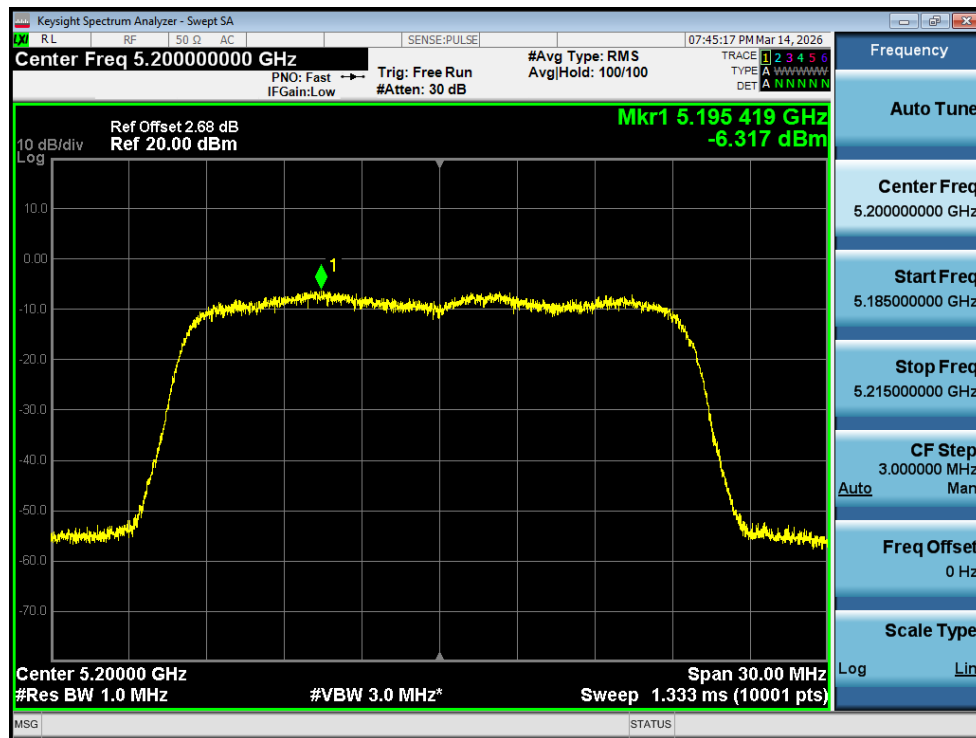
PSD NVNT ac20 5200MHz Ant1



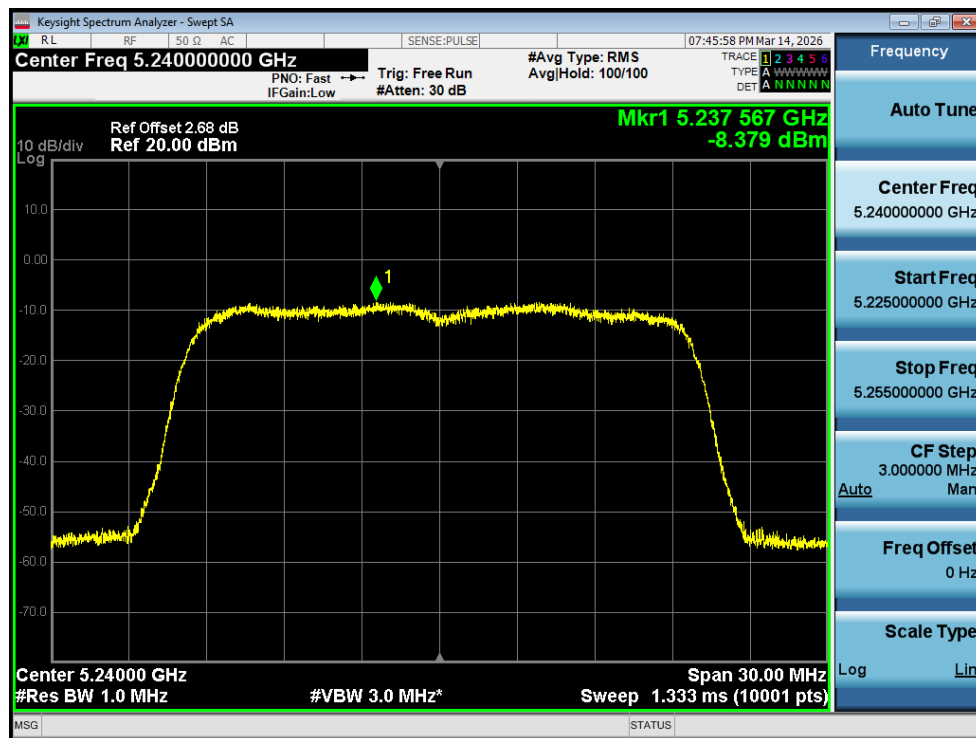
PSD NVNT ac20 5240MHz Ant1



PSD NVNT ax20 5180MHz Ant1



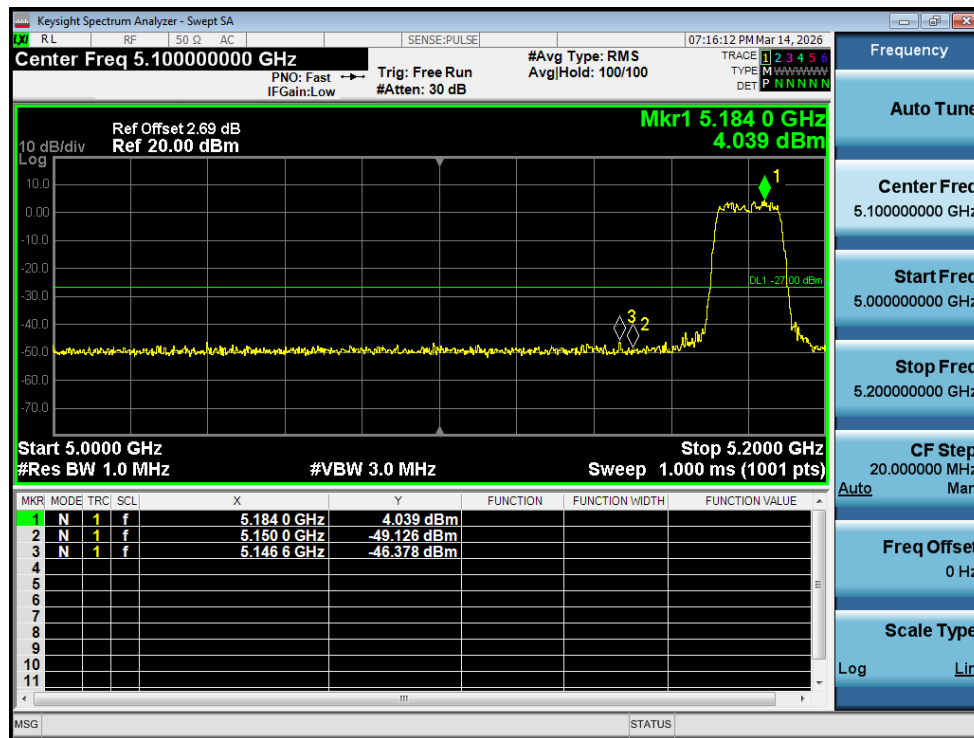
PSD NVNT ax20 5200MHz Ant1



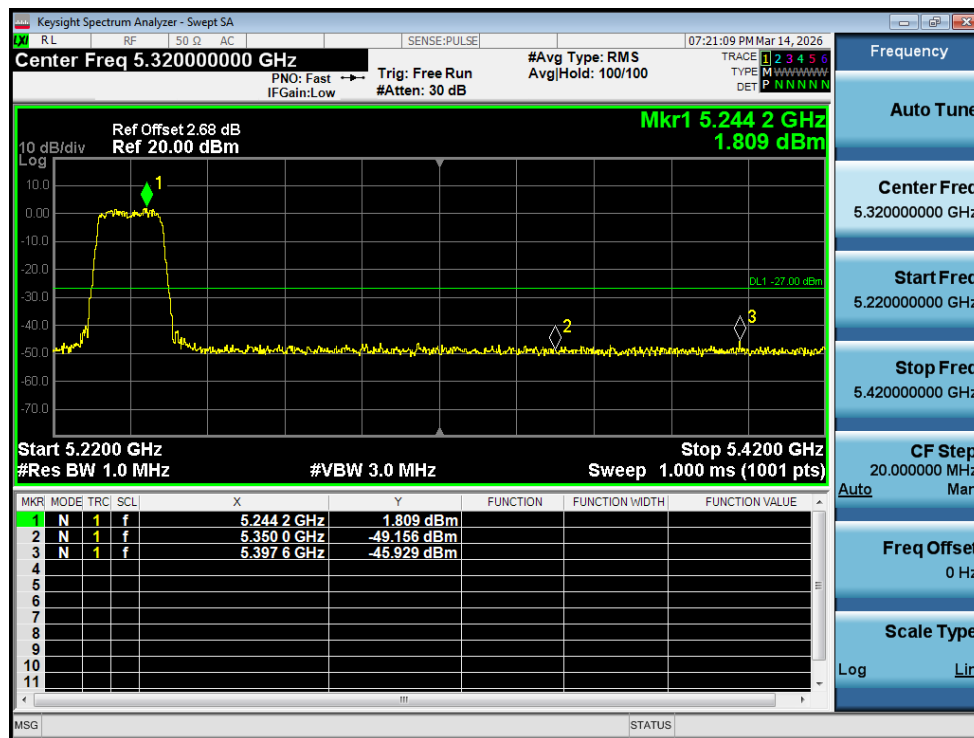
PSD NVNT ax20 5240MHz Ant1

6. Band Edge

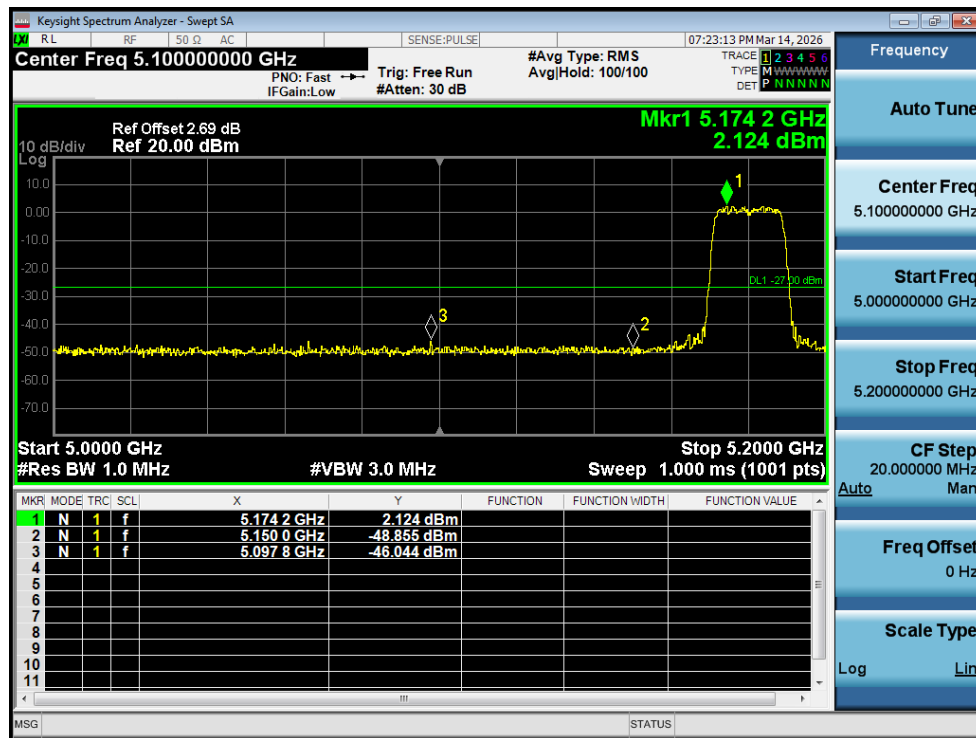
Condition	Mode	Frequency (MHz)	Antenna	Max Value (dBc)	Limit (dBc)	Verdict
NVNT	a	5180	Ant1	-46.37	-27	Pass
NVNT	a	5240	Ant1	-45.92	-27	Pass
NVNT	n20	5180	Ant1	-46.04	-27	Pass
NVNT	n20	5240	Ant1	-46.49	-27	Pass
NVNT	ac20	5180	Ant1	-46.31	-27	Pass
NVNT	ac20	5240	Ant1	-46.71	-27	Pass
NVNT	ax20	5180	Ant1	-46.55	-27	Pass
NVNT	ax20	5240	Ant1	-46.96	-27	Pass



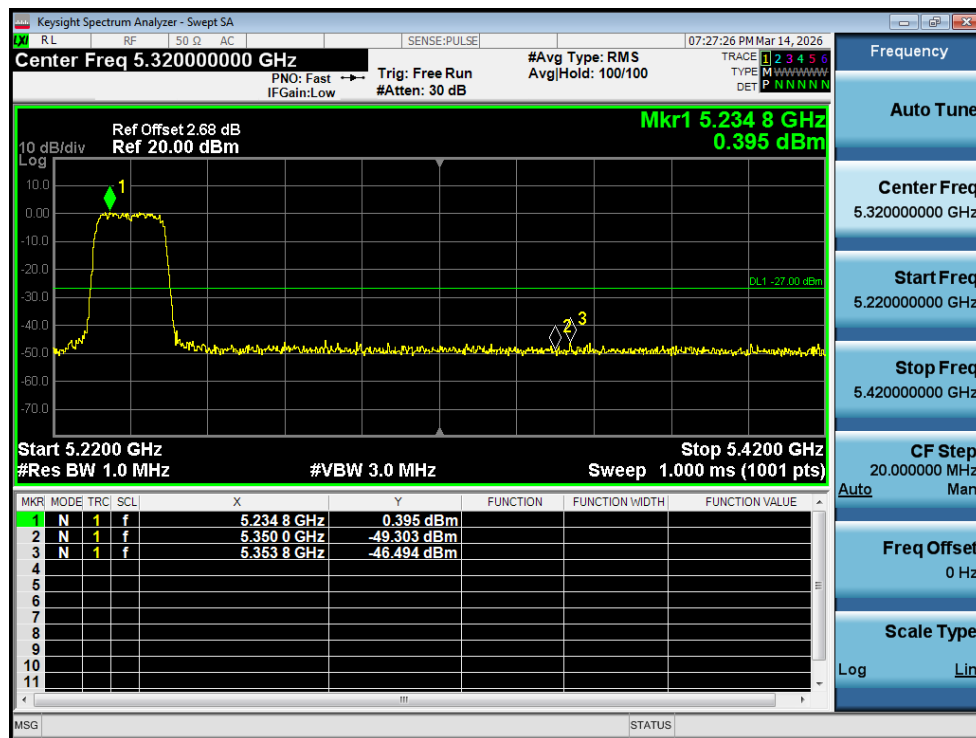
Band Edge NVNT a 5180MHz Low Ant1



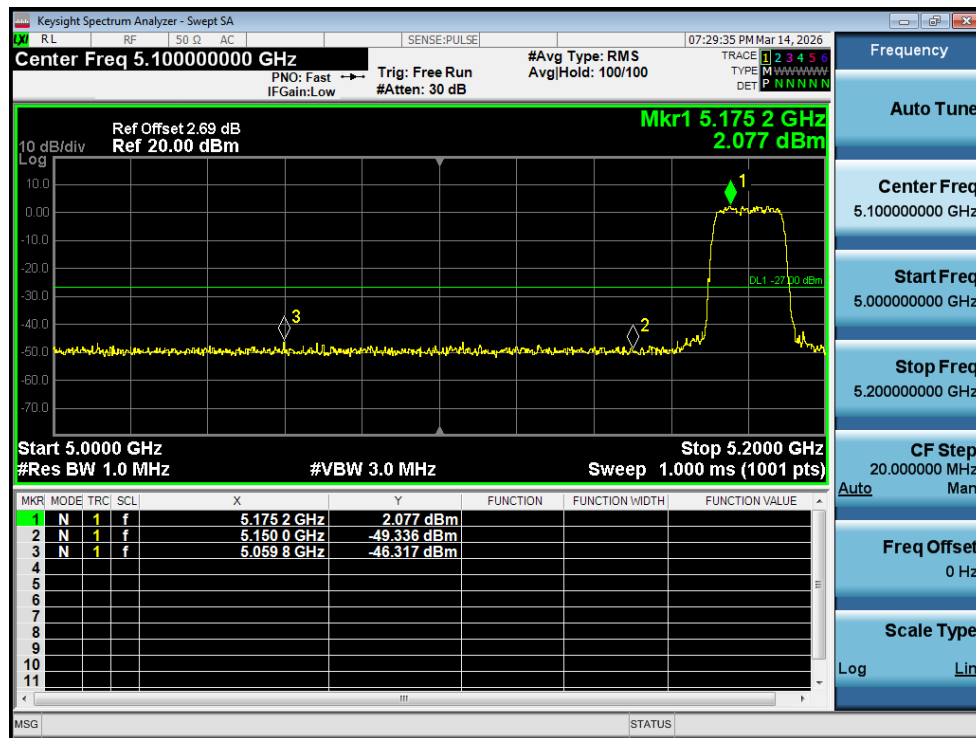
Band Edge NVNT a 5240MHz High Ant1



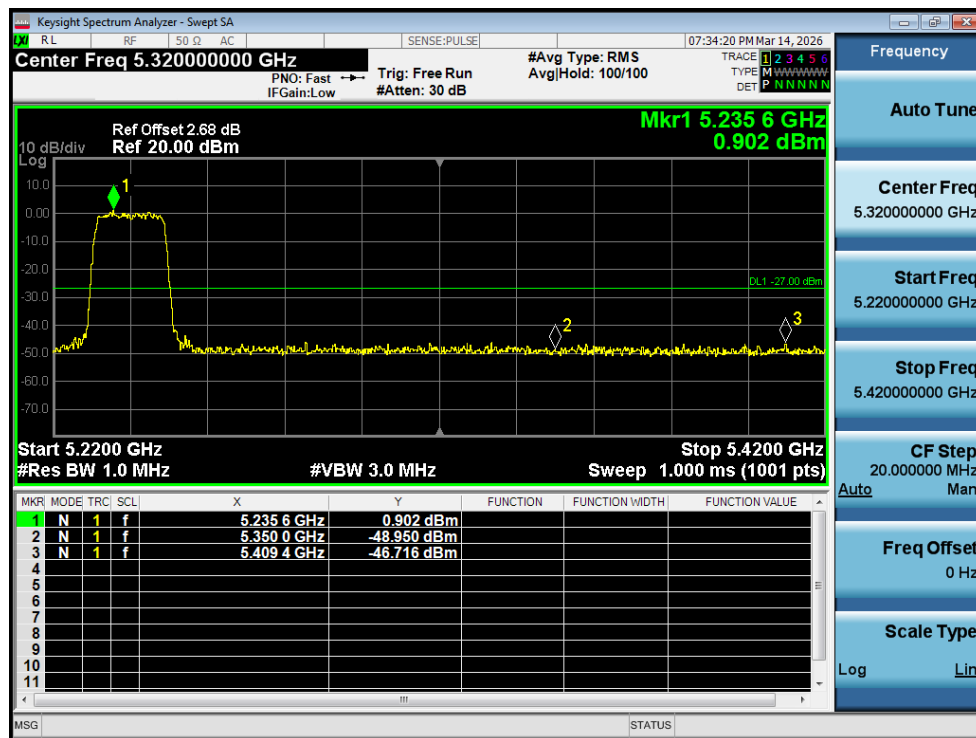
Band Edge NVNT n20 5180MHz Low Ant1



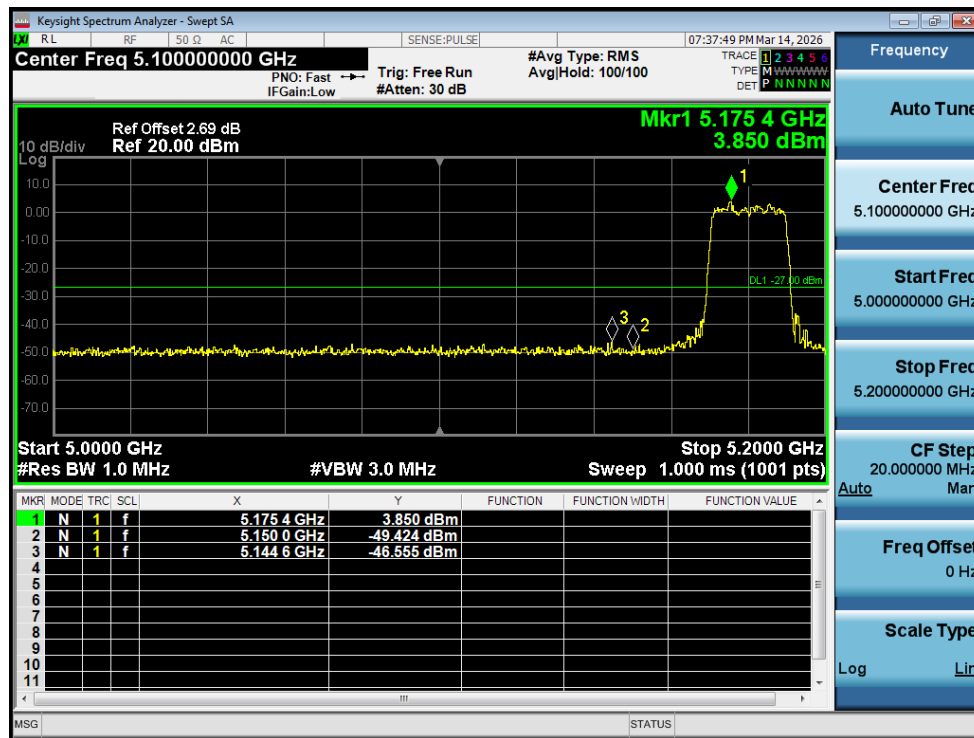
Band Edge NVNT n20 5240MHz High Ant1



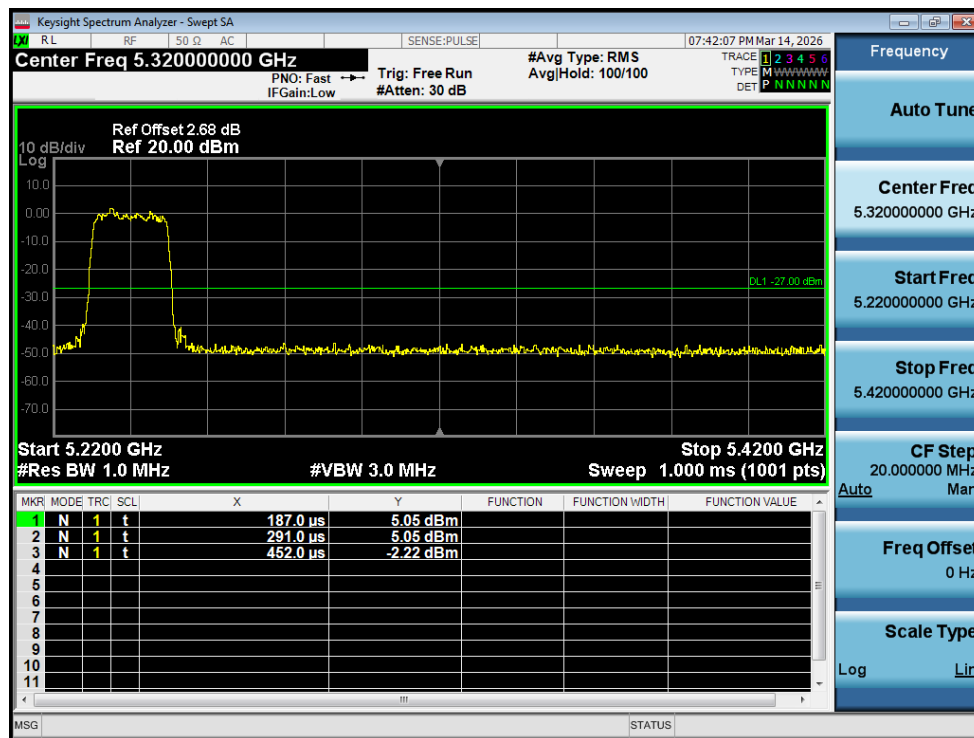
Band Edge NVNT ac20 5180MHz Low Ant1



Band Edge NVNT ac20 5240MHz High Ant1



Band Edge NVNT ax20 5180MHz Low Ant1

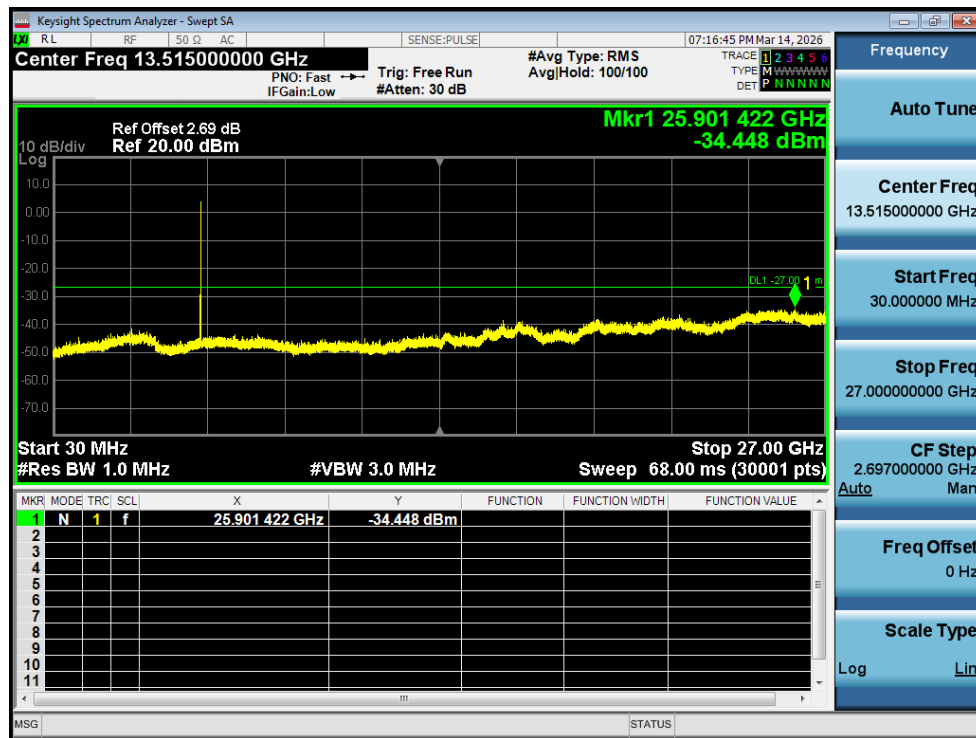


Band Edge NVNT ax20 5240MHz High Ant1

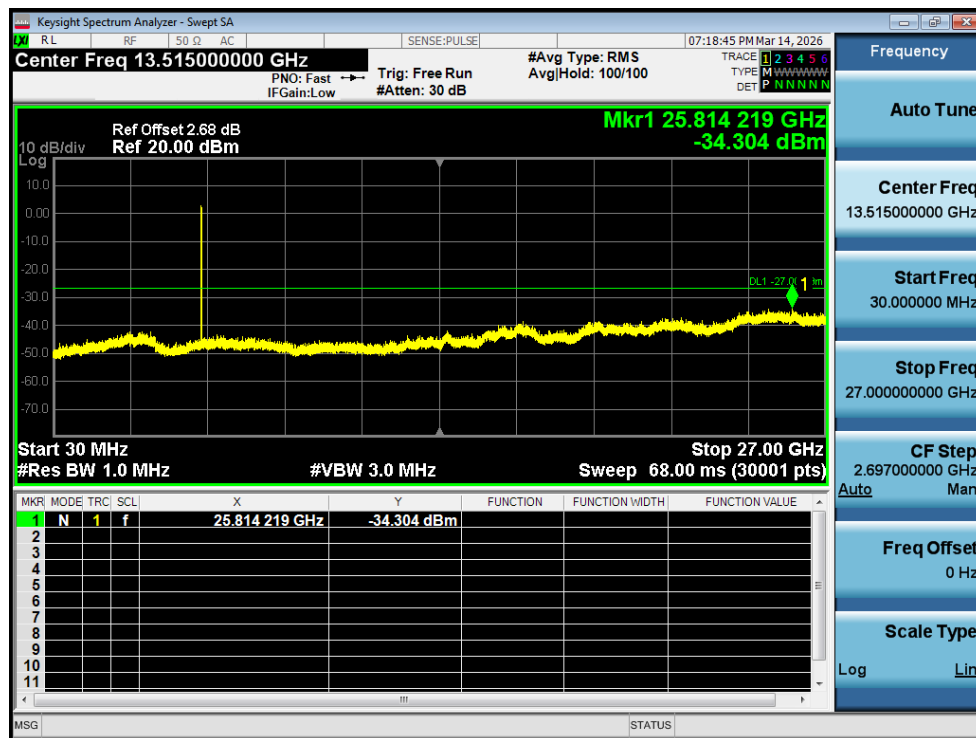
7. Conducted RF Spurious Emission

Condition	Mode	Frequency (MHz)	Antenna	Max Value (dBc)	Limit (dBc)	Verdict
NVNT	a	5180	Ant1	-34.44	-27	Pass
NVNT	a	5200	Ant1	-34.3	-27	Pass
NVNT	a	5240	Ant1	-33.32	-27	Pass
NVNT	n20	5180	Ant1	-34.49	-27	Pass
NVNT	n20	5200	Ant1	-33.83	-27	Pass
NVNT	n20	5240	Ant1	-34.31	-27	Pass
NVNT	ac20	5180	Ant1	-34.19	-27	Pass
NVNT	ac20	5200	Ant1	-33.94	-27	Pass
NVNT	ac20	5240	Ant1	-33.97	-27	Pass
NVNT	ax20	5180	Ant1	-34.02	-27	Pass
NVNT	ax20	5200	Ant1	-33.28	-27	Pass
NVNT	ax20	5240	Ant1	-34.59	-27	Pass

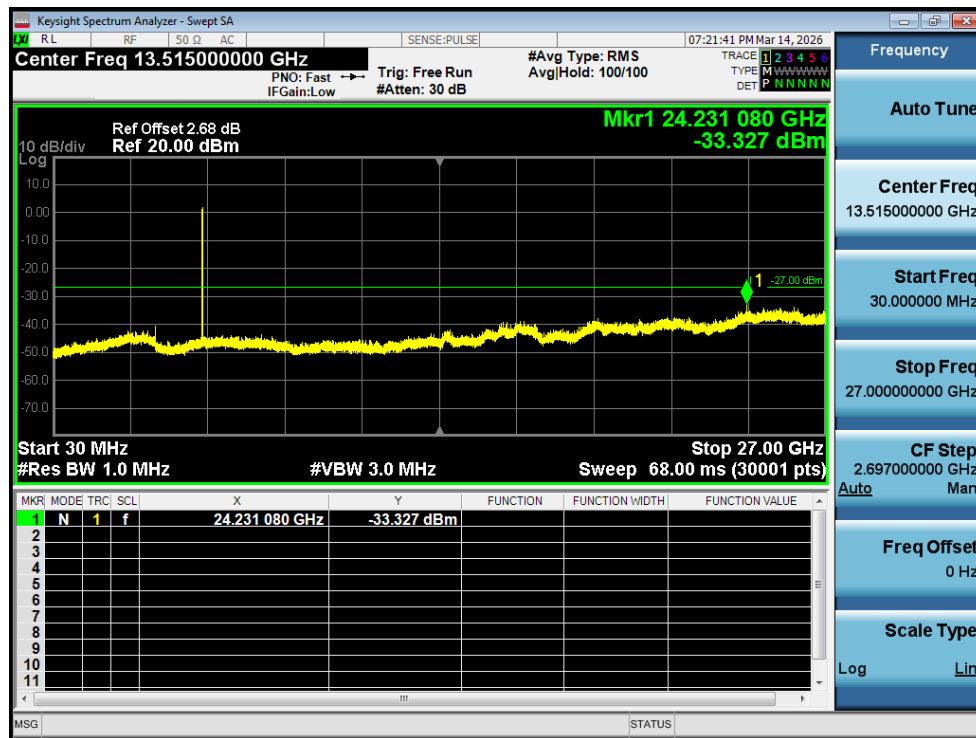
Note: Testing is carried out with frequency rang 30MHz to the 40GHz, above 27GHz not recorded for no spurious point have a margin of less than 20 dB with respect to the limits.



Tx. Spurious NVNT a 5180MHz Ant1 Emission



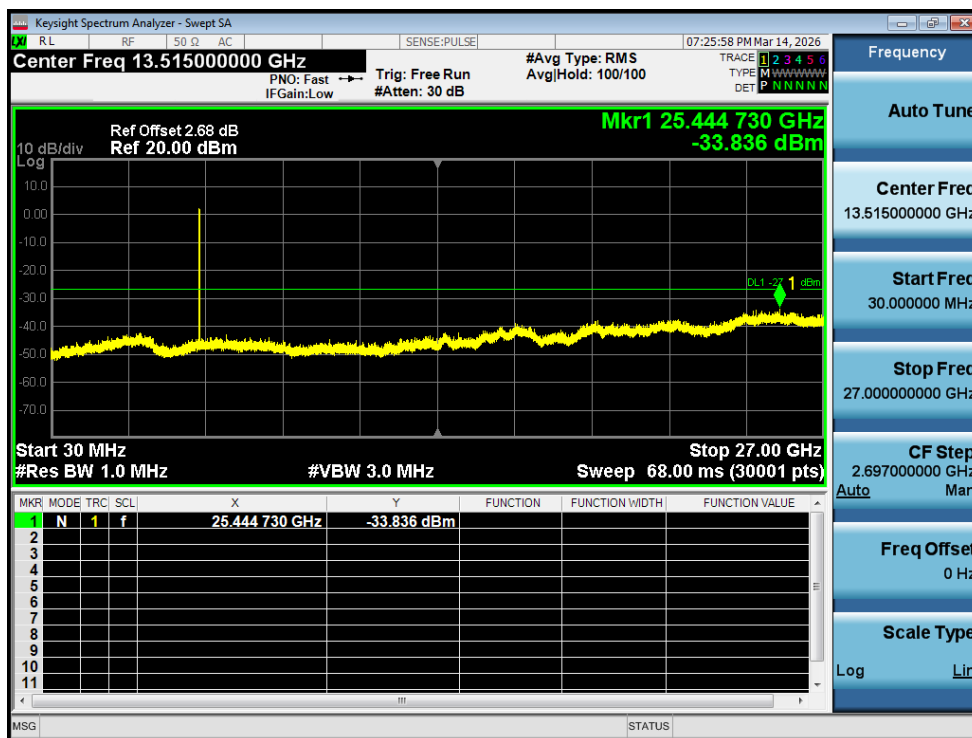
Tx. Spurious NVNT a 5200MHz Ant1 Emission



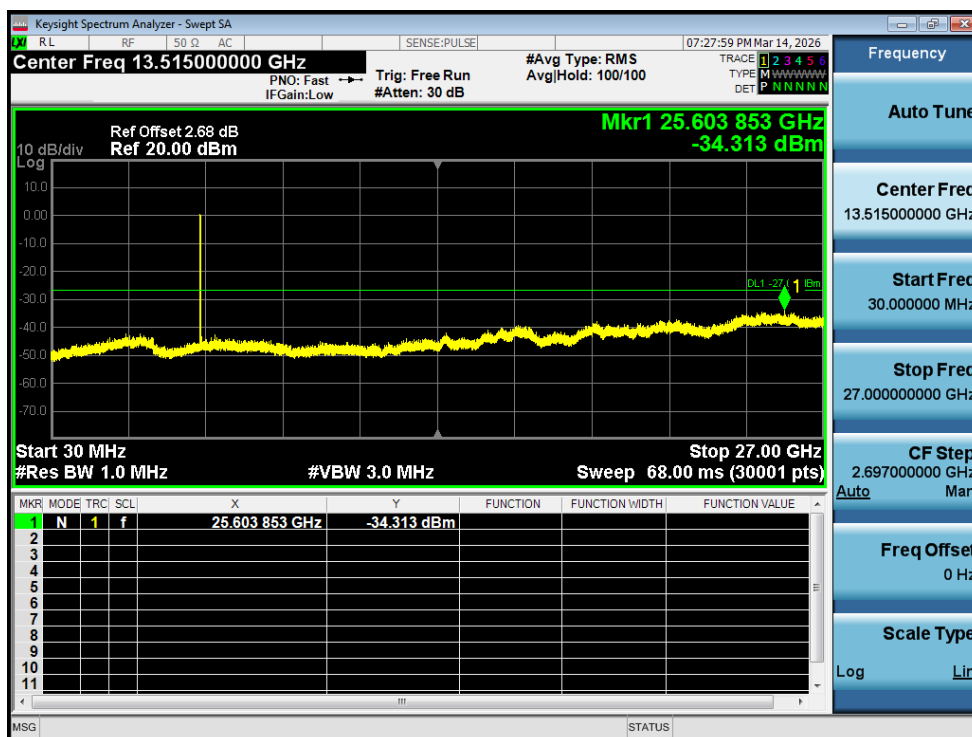
Tx. Spurious NVNT a 5240MHz Ant1 Emission



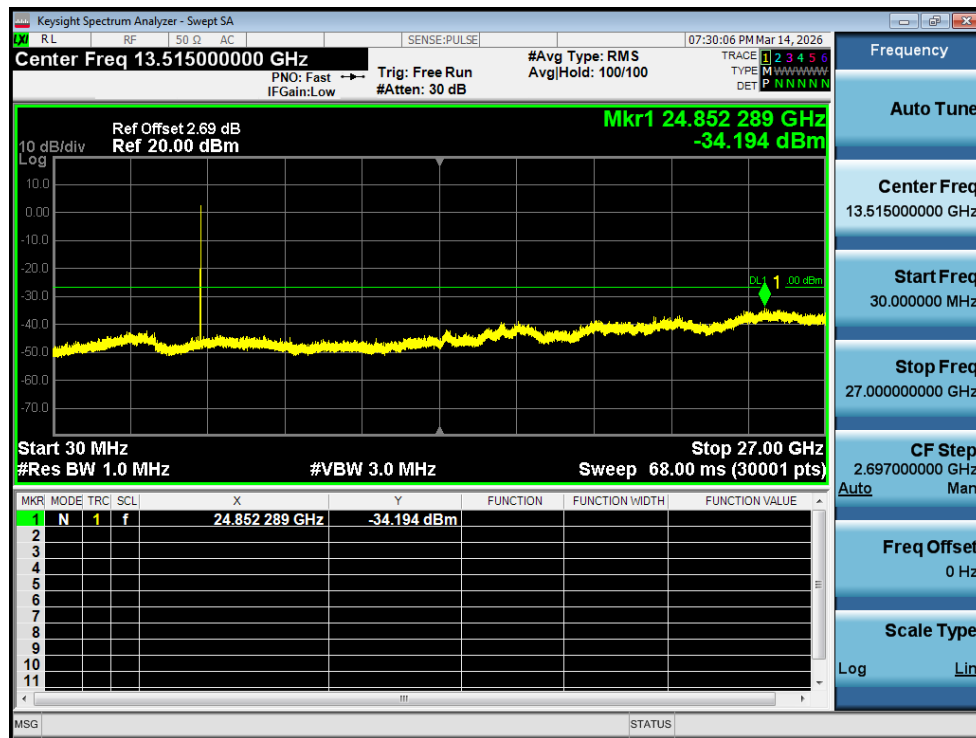
Tx. Spurious NVNT n20 5180MHz Ant1 Emission



Tx. Spurious NVNT n20 5200MHz Ant1 Emission



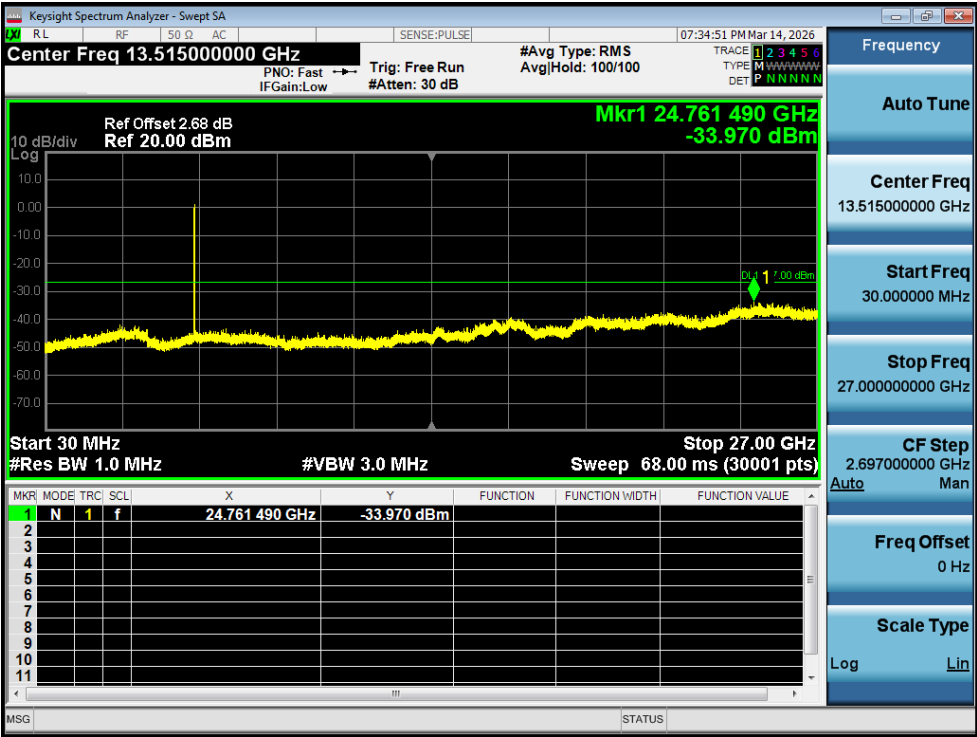
Tx. Spurious NVNT n20 5240MHz Ant1 Emission



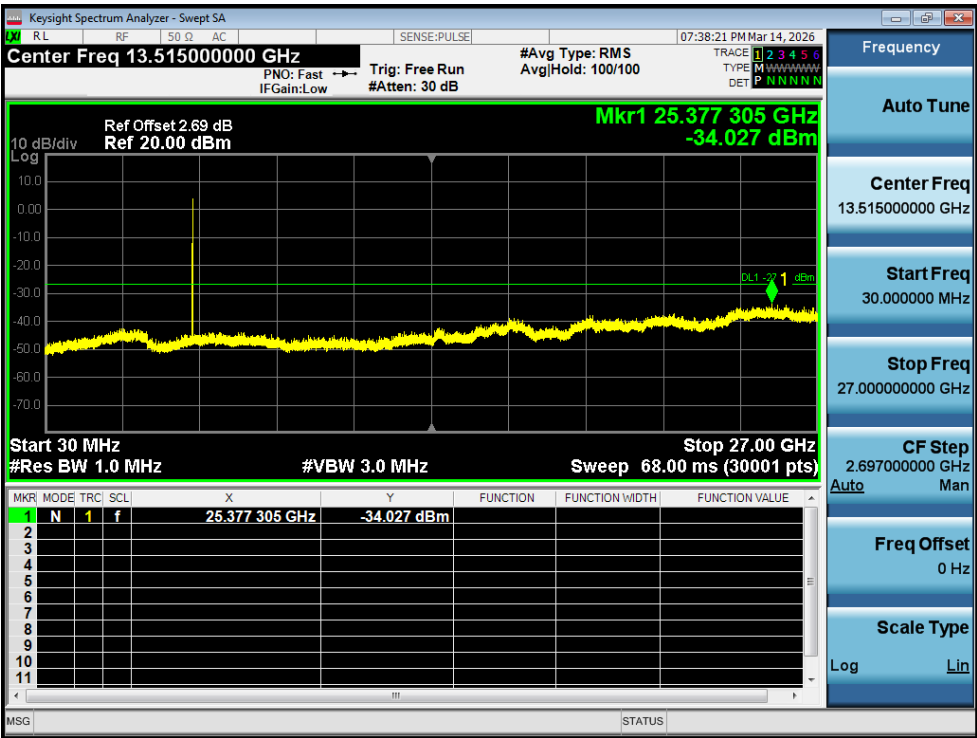
Tx. Spurious NVNT ac20 5180MHz Ant1 Emission



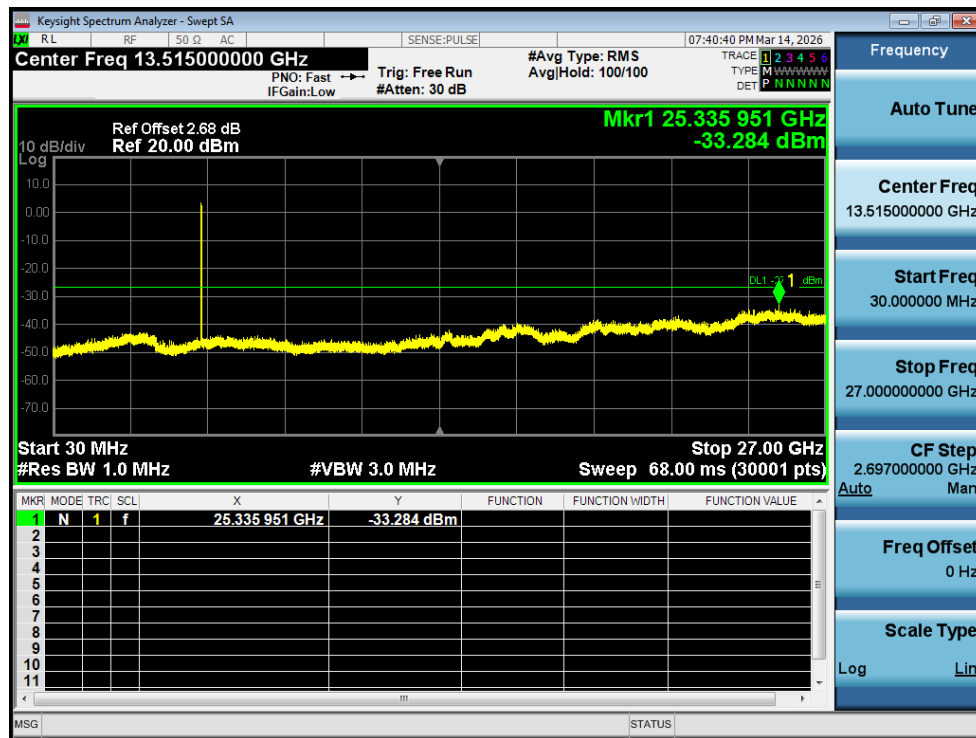
Tx. Spurious NVNT ac20 5200MHz Ant1 Emission



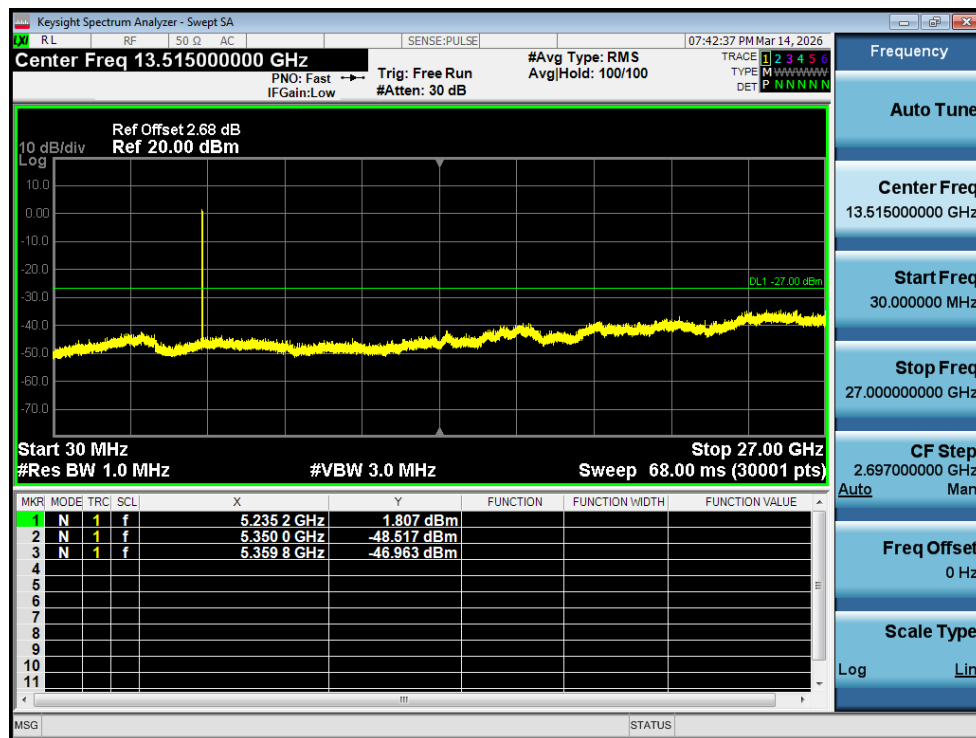
Tx. Spurious NVNT ac20 5240MHz Ant1 Emission



Tx. Spurious NVNT ax20 5180MHz Ant1 Emission



Tx. Spurious NVNT ax20 5200MHz Ant1 Emission



Tx. Spurious NVNT ax20 5240MHz Ant1 Emission