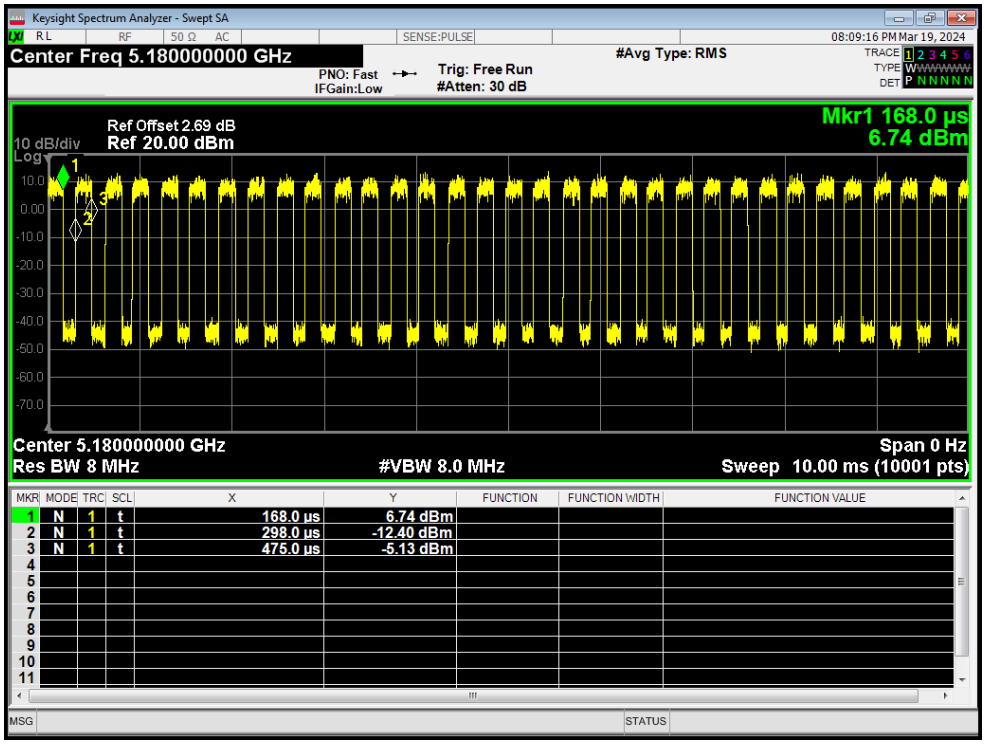
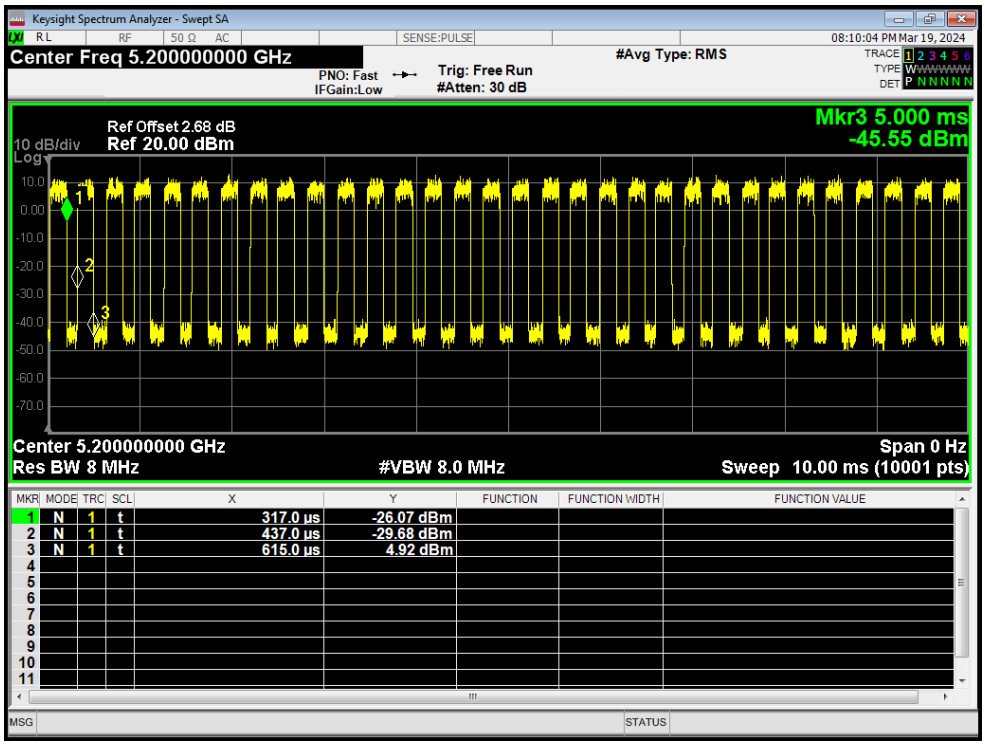
1. Duty Cycle

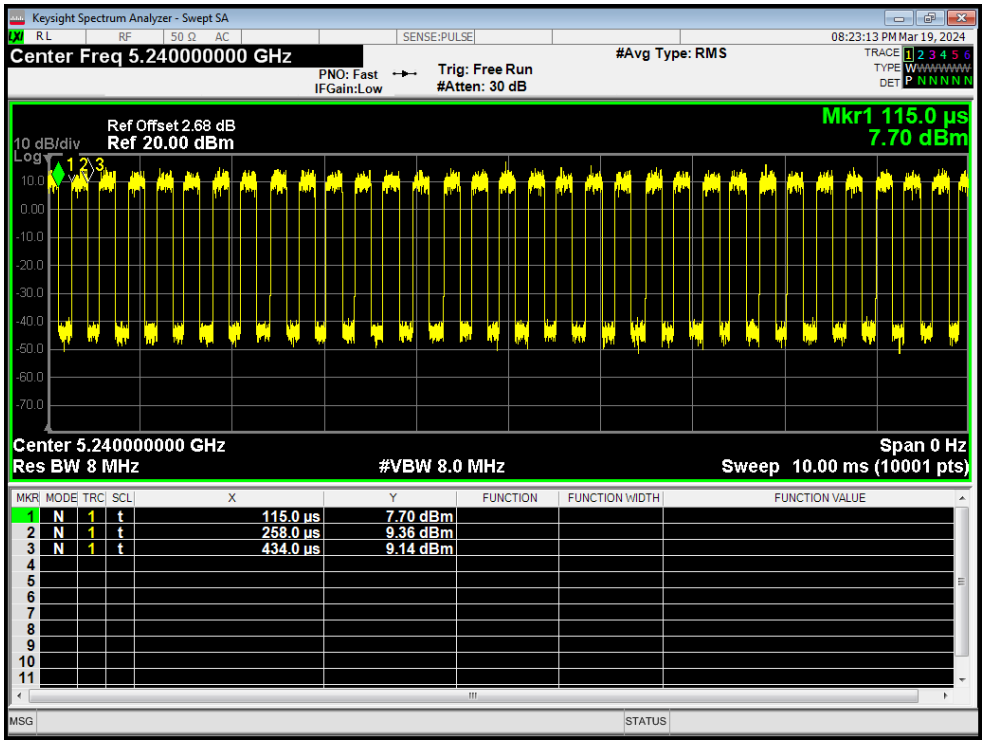
Condition	Mode	Frequency (MHz)	Antenna	Duty Cycle (%)	Correction Factor (dB)	1/T (kHz)
NVNT	a	5180	Ant1	57.65	2.39	5.65
NVNT	a	5200	Ant1	60.82	2.16	5.65
NVNT	a	5240	Ant1	55.17	2.58	5.68
NVNT	n20	5180	Ant1	80.59	0.94	1.84
NVNT	n20	5200	Ant1	79.3	1.01	1.84
NVNT	n20	5240	Ant1	80.59	0.94	1.84
NVNT	n40	5190	Ant1	71.57	1.45	3.55
NVNT	n40	5230	Ant1	71.57	1.45	3.55
NVNT	ac20	5180	Ant1	81.29	0.9	2.15
NVNT	ac20	5200	Ant1	78.81	1.03	2.15
NVNT	ac20	5240	Ant1	79.86	0.98	2.16
NVNT	ac40	5190	Ant1	66.76	1.75	4.29
NVNT	ac40	5230	Ant1	70.69	1.51	4.27
NVNT	ac80	5210	Ant1	48.51	3.14	7.69



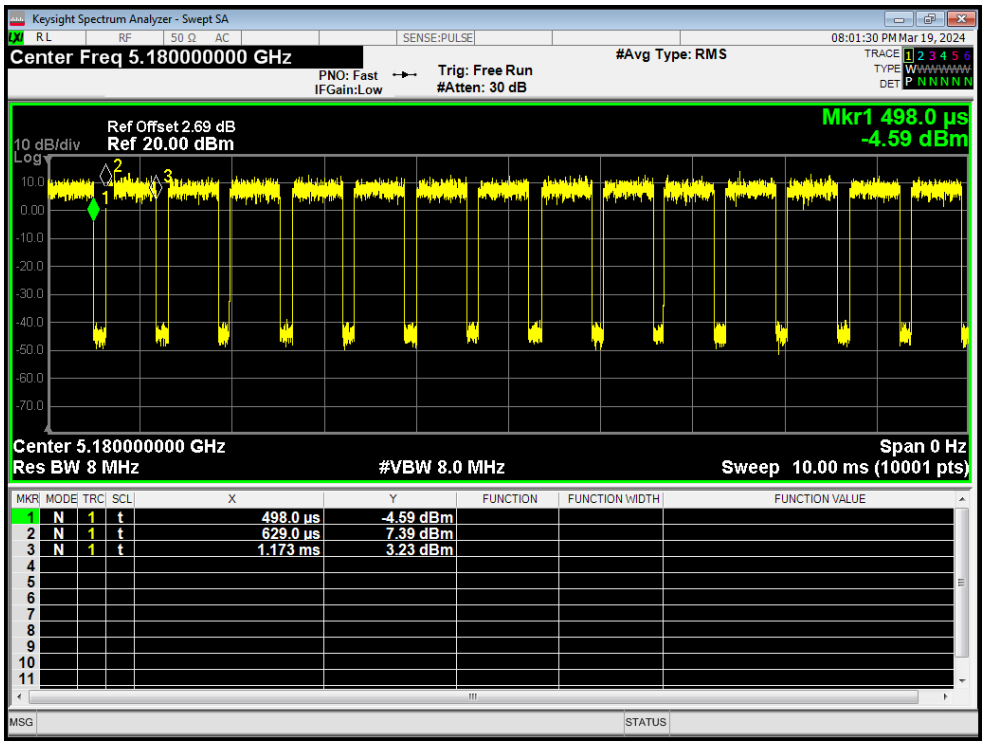
Duty Cycle NVNT a 5180MHz Ant1



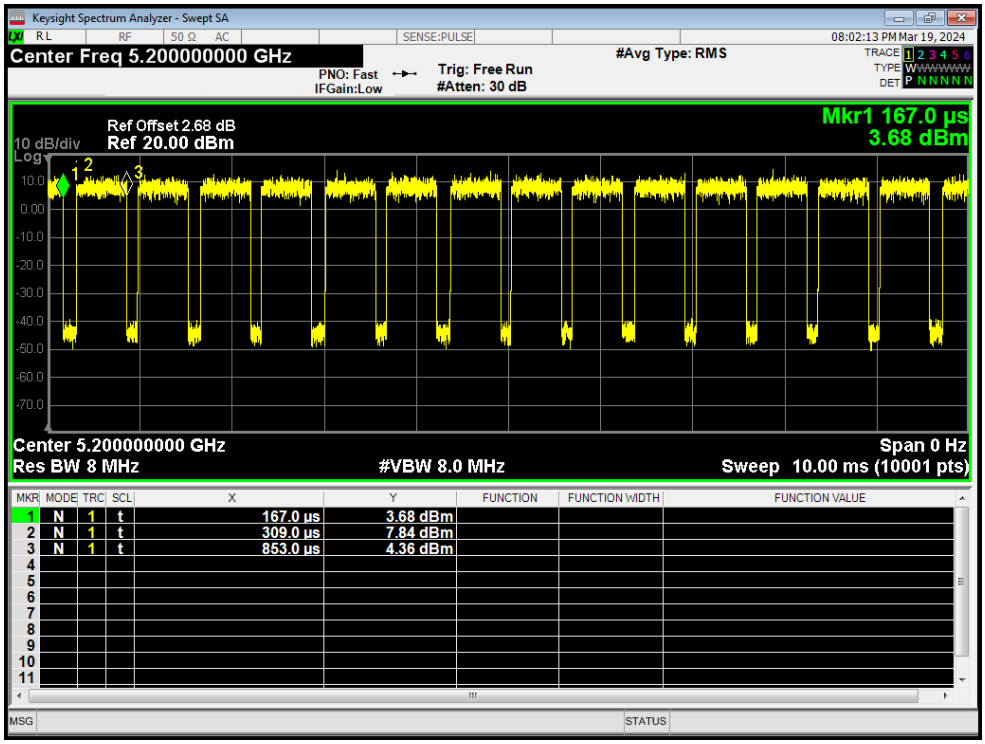
Duty Cycle NVNT a 5200MHz Ant1



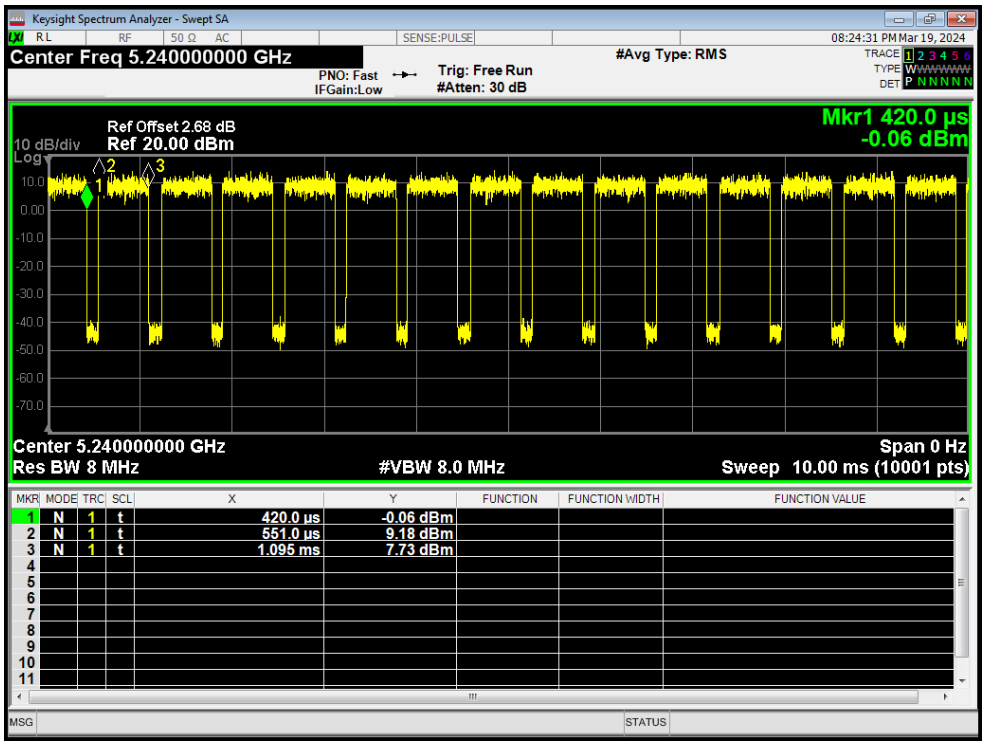
Duty Cycle NVNT a 5240MHz Ant1



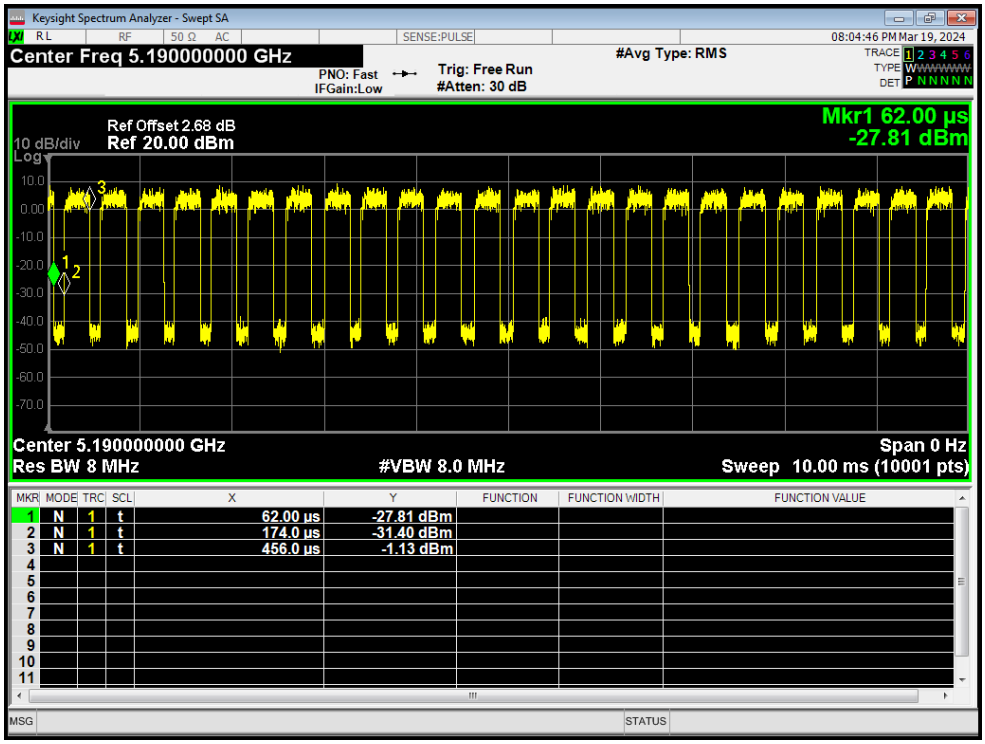
Duty Cycle NVNT n20 5180MHz Ant1



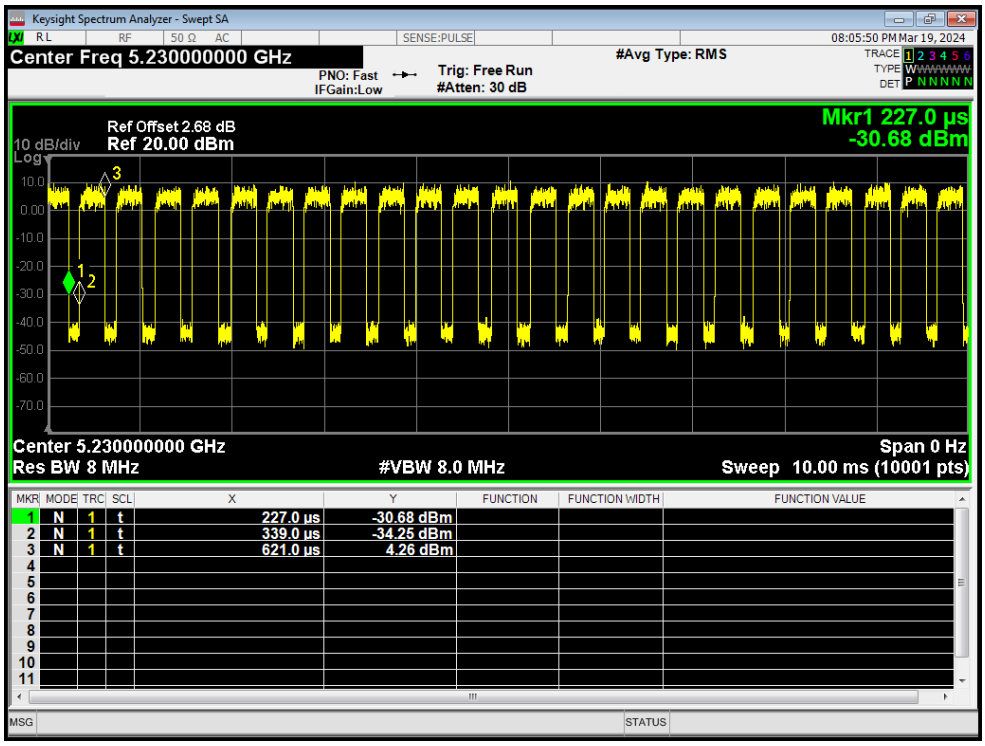
Duty Cycle NVNT n20 5200MHz Ant1



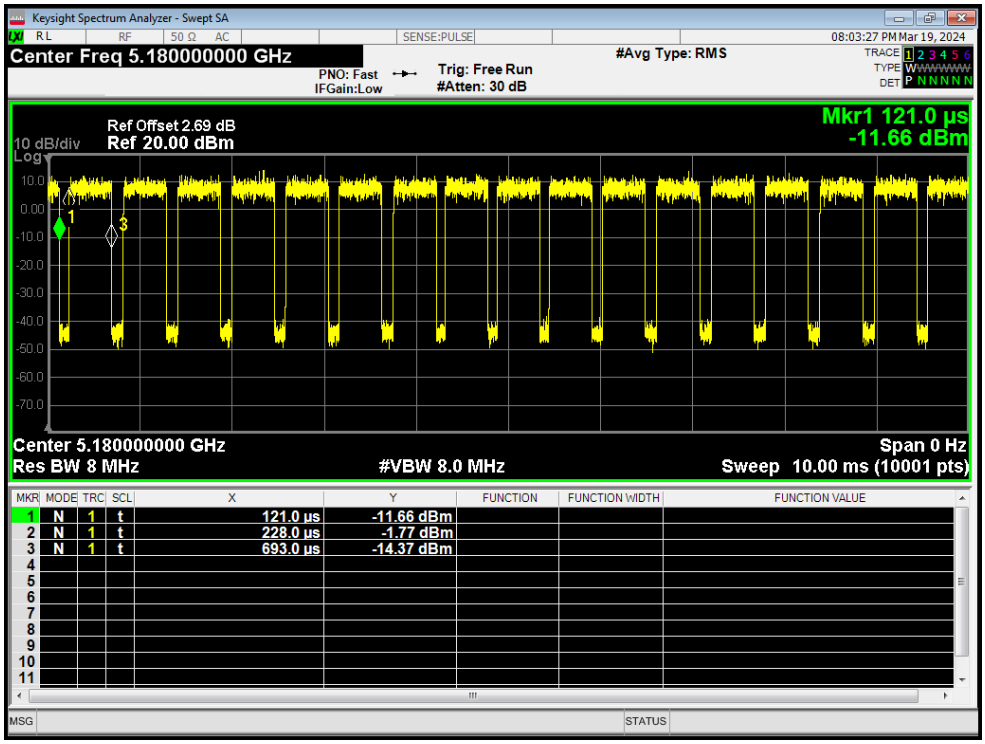
Duty Cycle NVNT n20 5240MHz Ant1



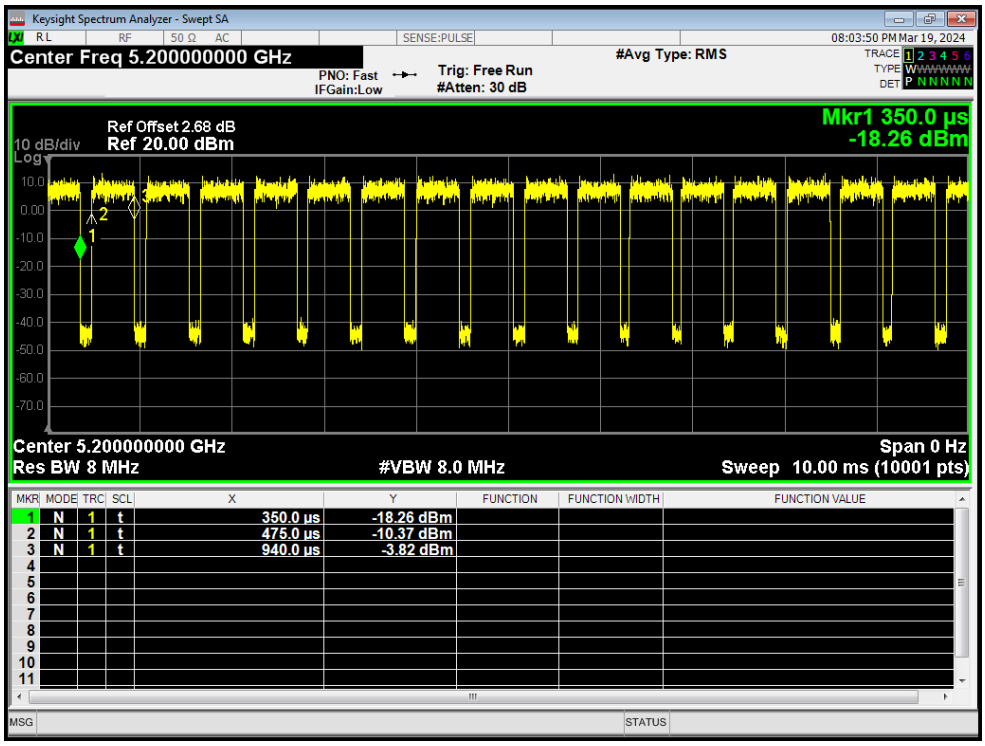
Duty Cycle NVNT n40 5190MHz Ant1



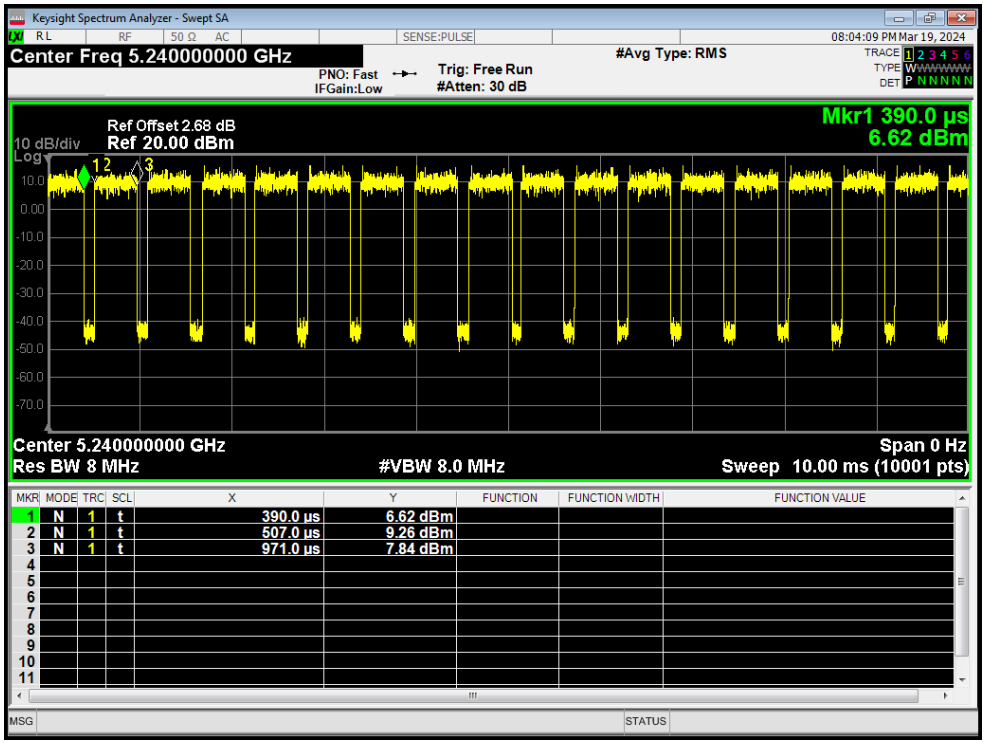
Duty Cycle NVNT n40 5230MHz Ant1



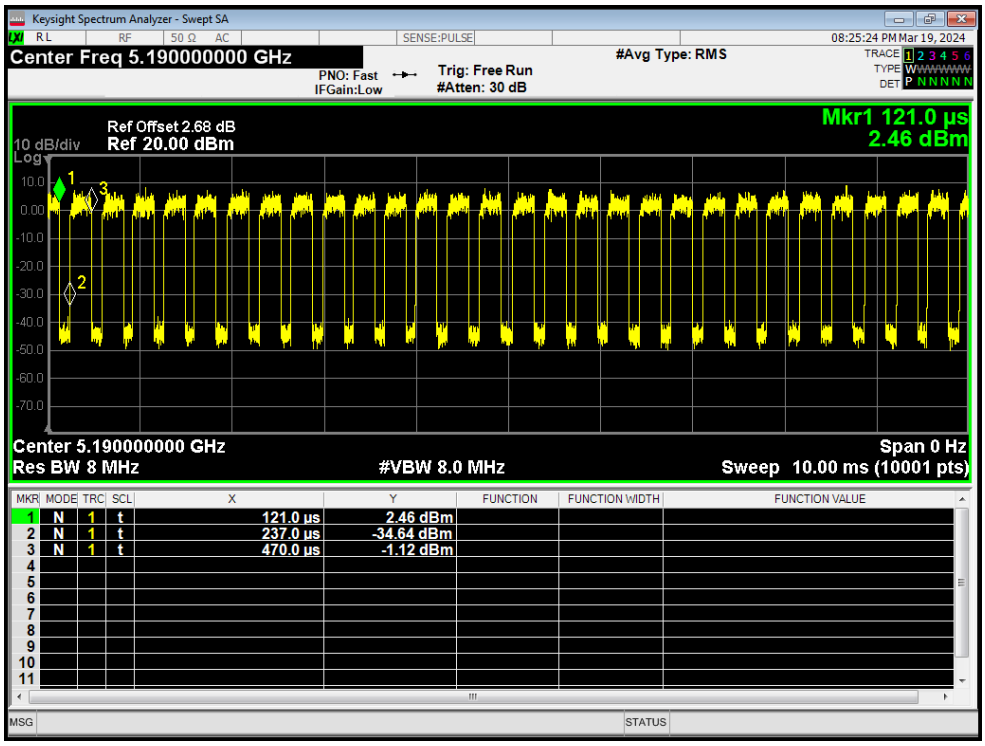
Duty Cycle NVNT ac20 5180MHz Ant1



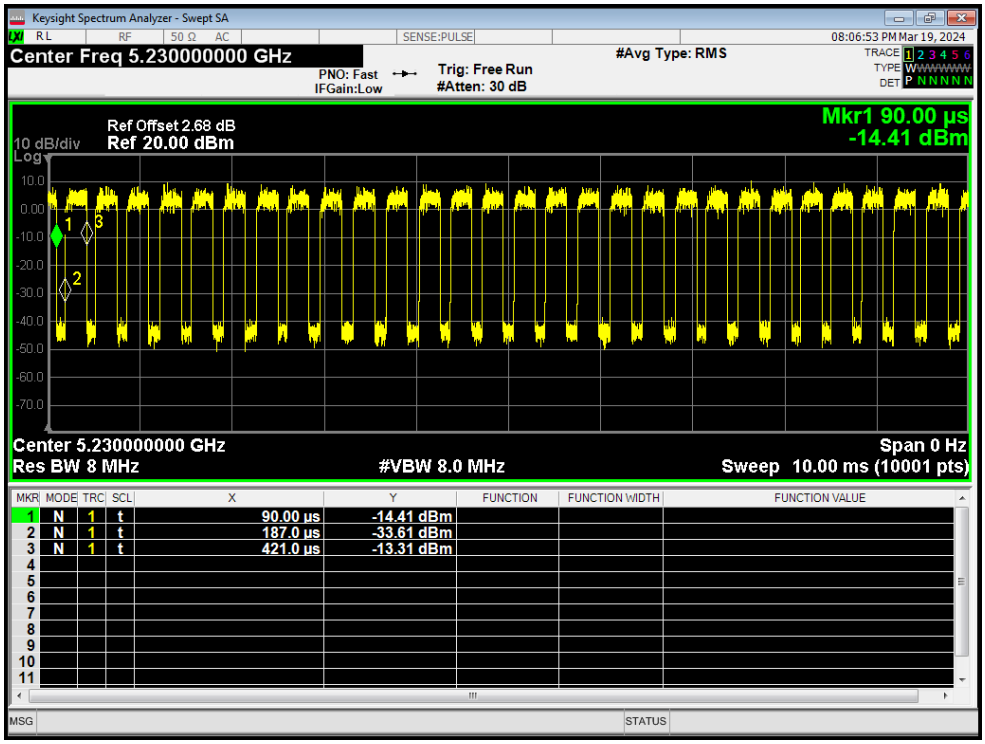
Duty Cycle NVNT ac20 5200MHz Ant1



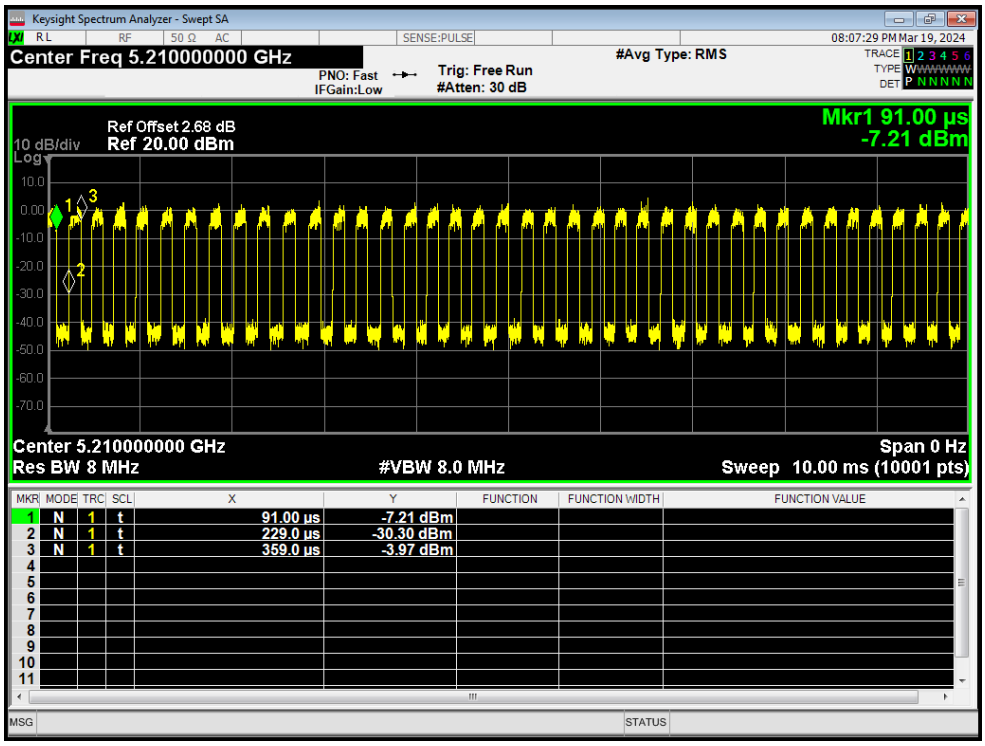
Duty Cycle NVNT ac20 5240MHz Ant1



Duty Cycle NVNT ac40 5190MHz Ant1



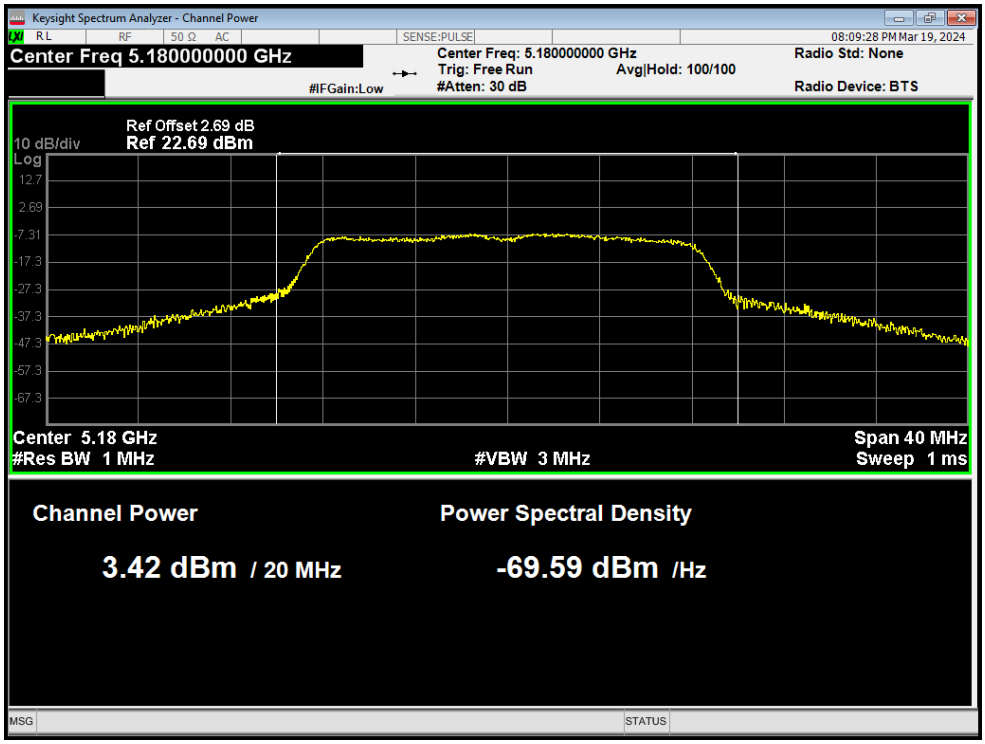
Duty Cycle NVNT ac40 5230MHz Ant1



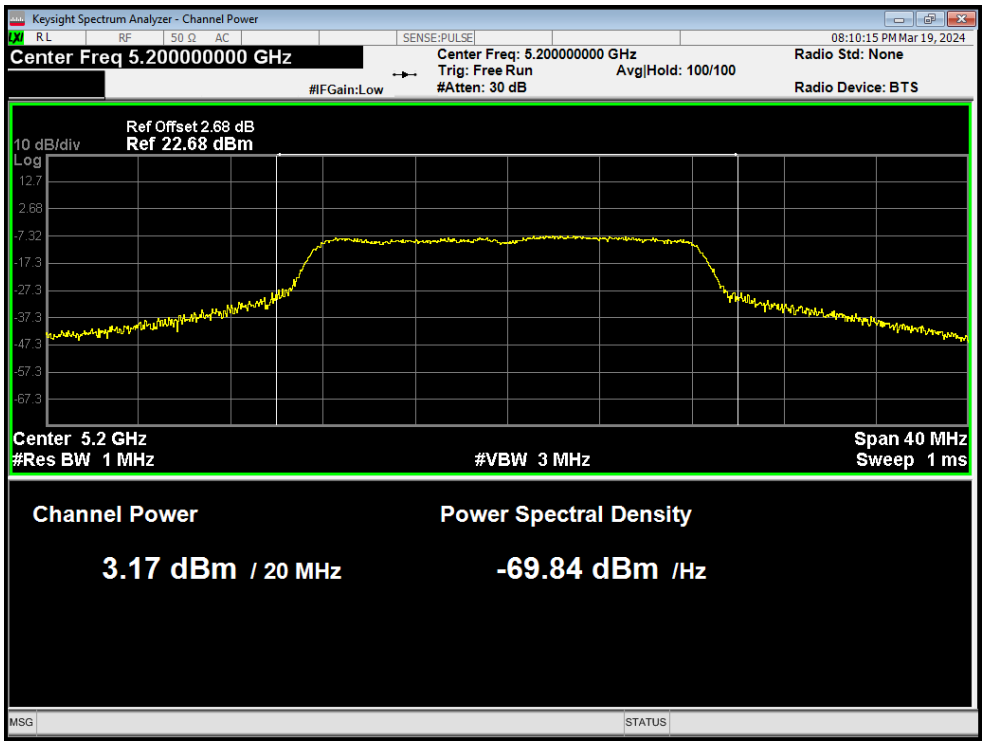
Duty Cycle NVNT ac80 5210MHz Ant1

2. Maximum Conducted Output Power

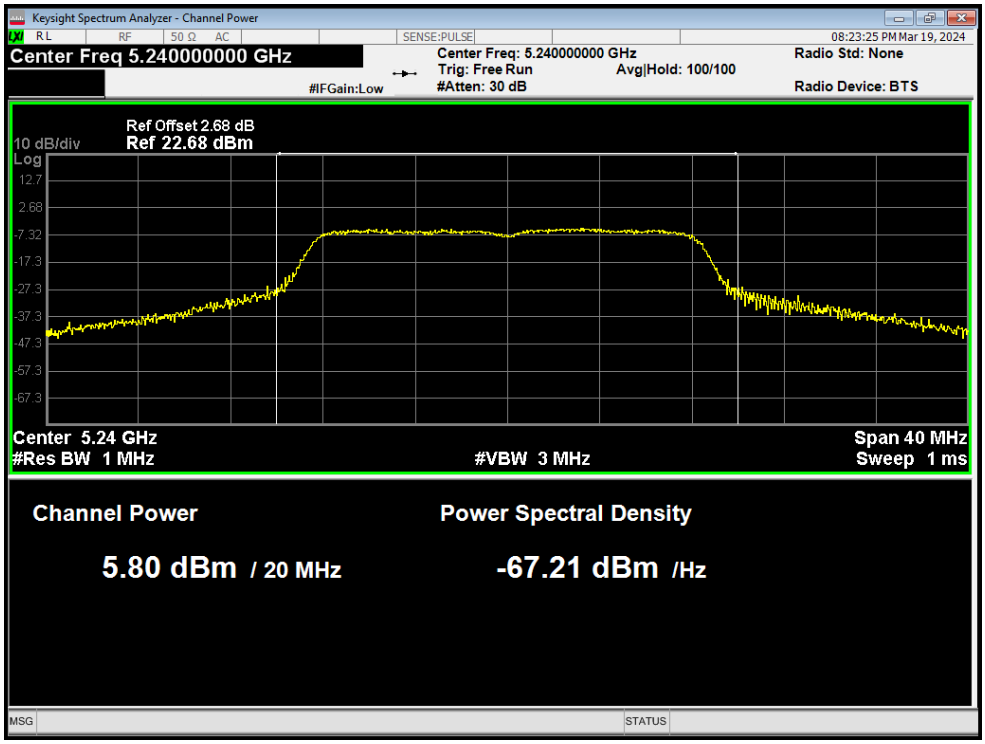
Condition	Mode	Frequency (MHz)	Antenna	Conducted Power (dBm)	Duty Factor (dB)	Total Power (dBm)	Limit (dBm)	Verdict
NVNT	a	5180	Ant1	3.42	2.39	5.81	24	Pass
NVNT	a	5200	Ant1	3.17	2.16	5.33	24	Pass
NVNT	a	5240	Ant1	5.8	2.58	8.38	24	Pass
NVNT	n20	5180	Ant1	5.18	0.94	6.12	24	Pass
NVNT	n20	5200	Ant1	5.62	1.01	6.63	24	Pass
NVNT	n20	5240	Ant1	6.57	0.94	7.51	24	Pass
NVNT	n40	5190	Ant1	4.95	1.45	6.4	24	Pass
NVNT	n40	5230	Ant1	5.82	1.45	7.27	24	Pass
NVNT	ac20	5180	Ant1	5.25	0.9	6.15	24	Pass
NVNT	ac20	5200	Ant1	5.05	1.03	6.08	24	Pass
NVNT	ac20	5240	Ant1	7.28	0.84	8.12	24	Pass
NVNT	ac40	5190	Ant1	3.53	1.75	5.28	24	Pass
NVNT	ac40	5230	Ant1	4.43	1.51	5.94	24	Pass
NVNT	ac80	5210	Ant1	0.63	3.14	3.77	24	Pass



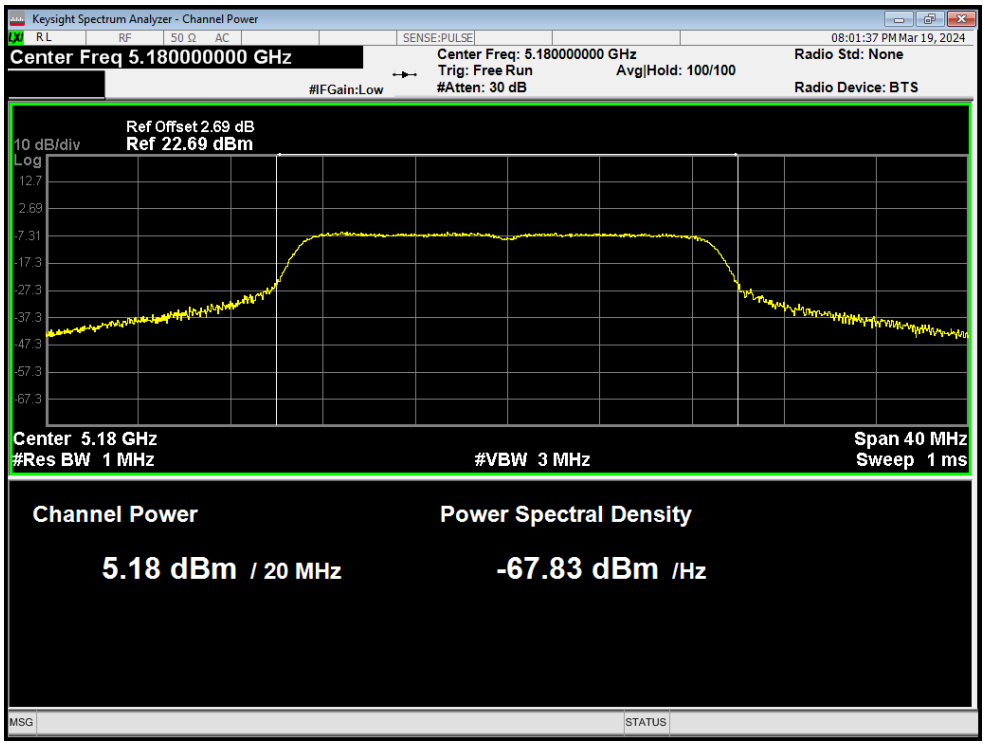
Power NVNT a 5180MHz Ant1



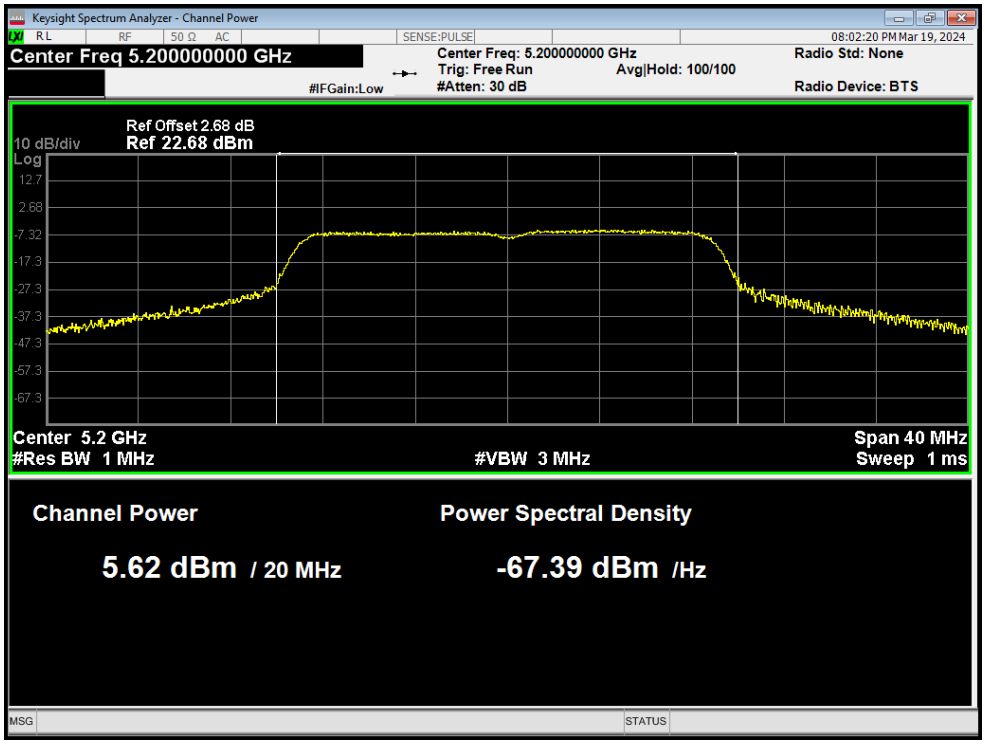
Power NVNT a 5200MHz Ant1



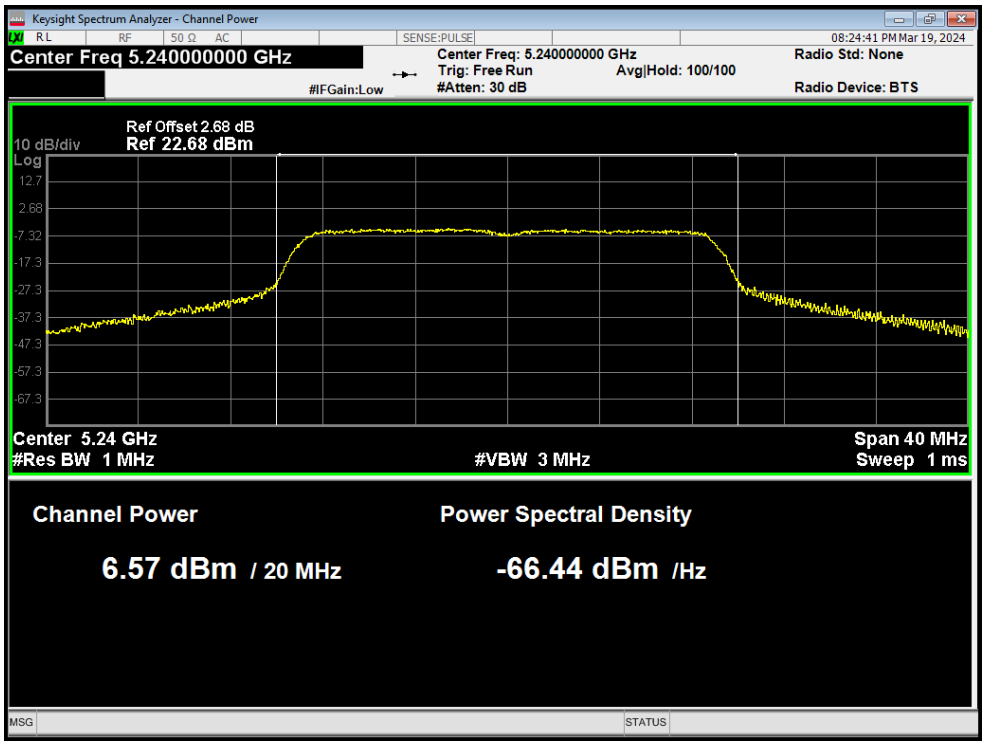
Power NVNT a 5240MHz Ant1



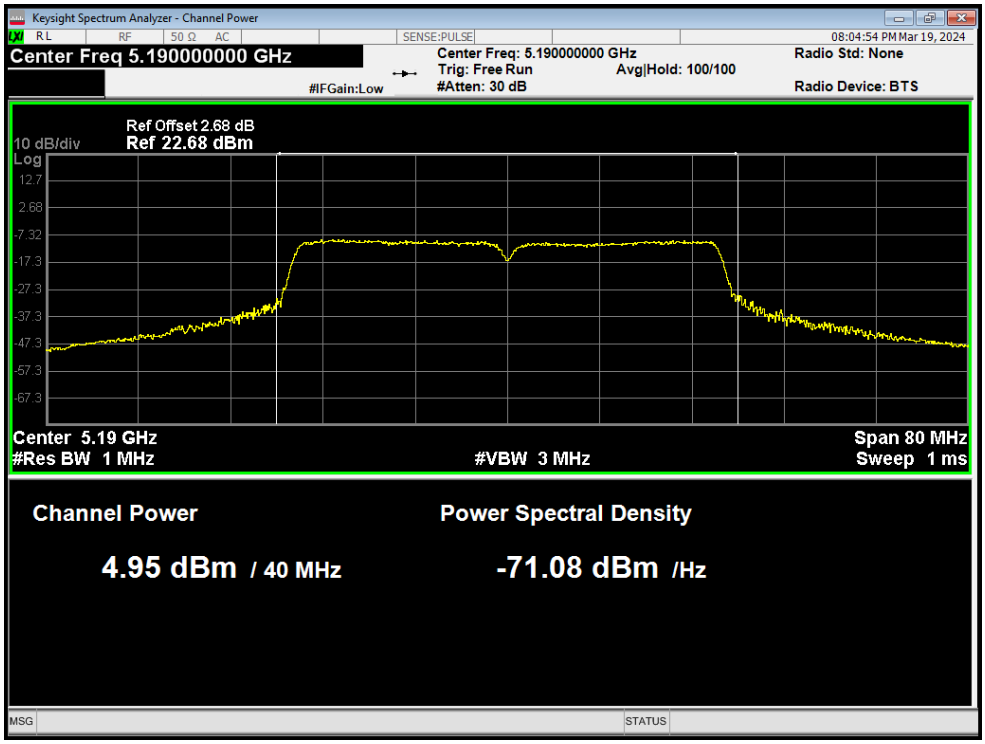
Power NVNT n20 5180MHz Ant1



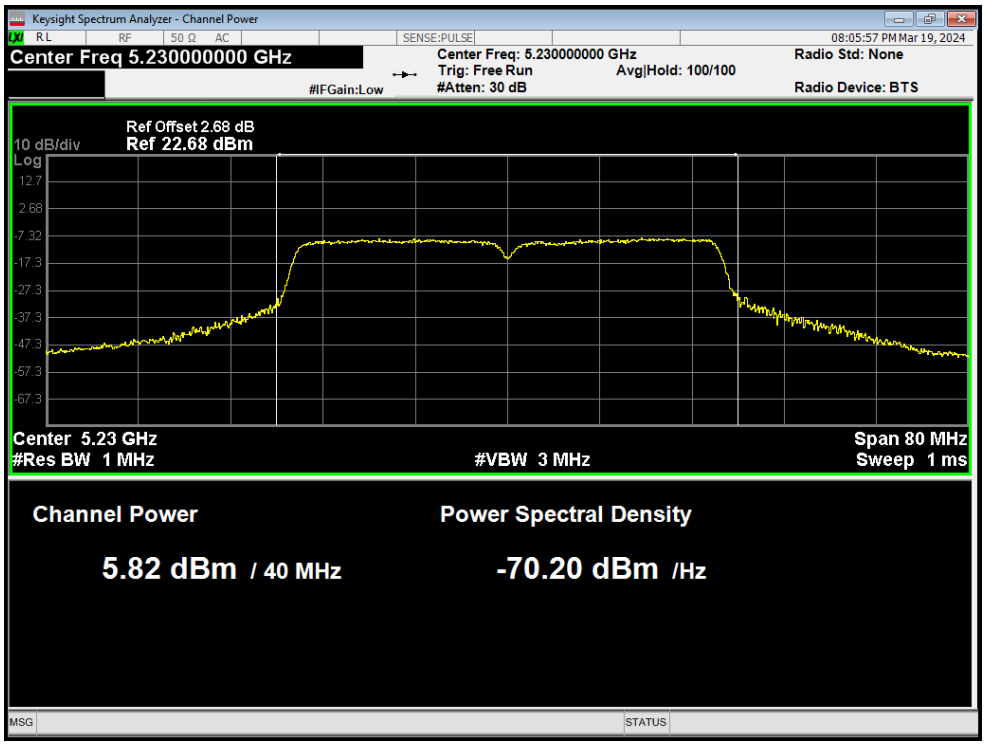
Power NVNT n20 5200MHz Ant1



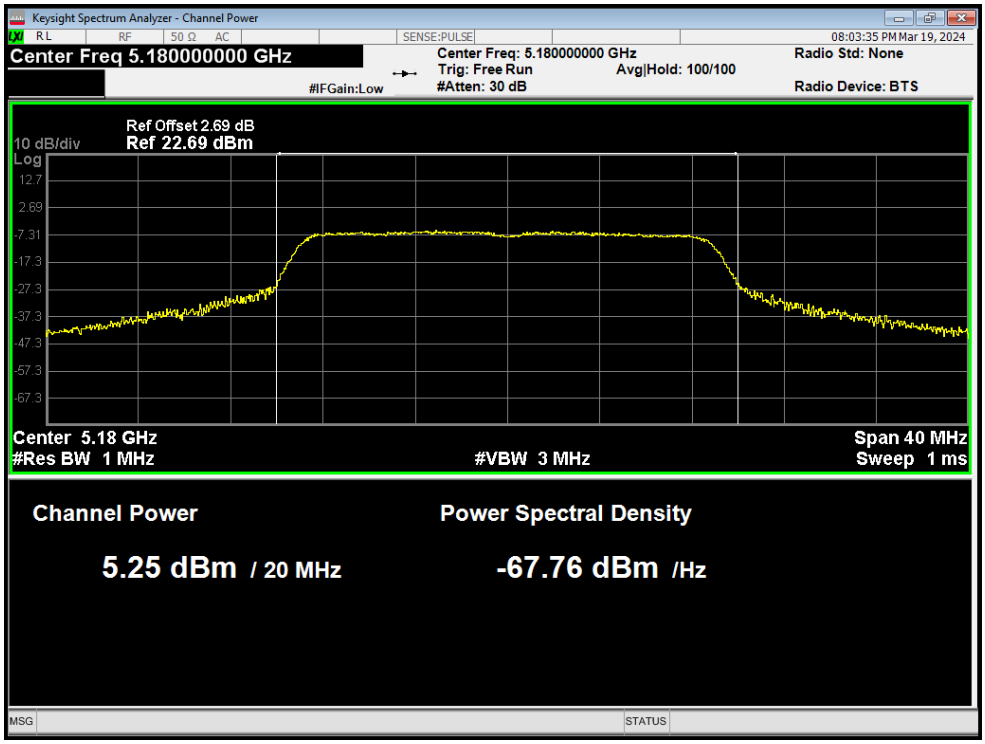
Power NVNT n20 5240MHz Ant1



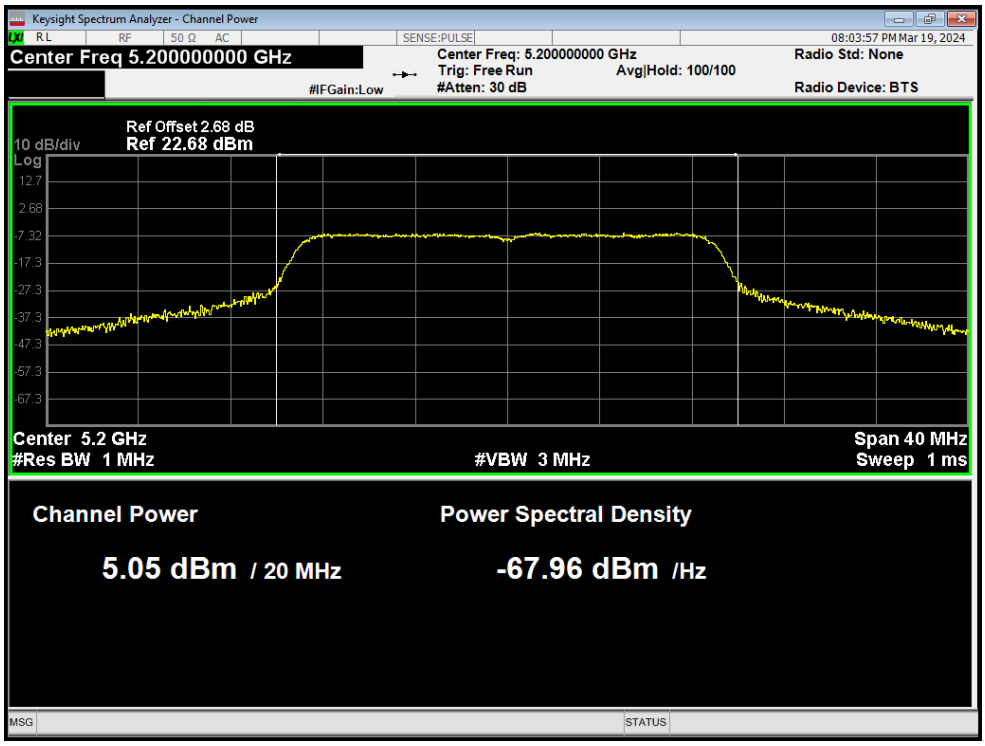
Power NVNT n40 5190MHz Ant1



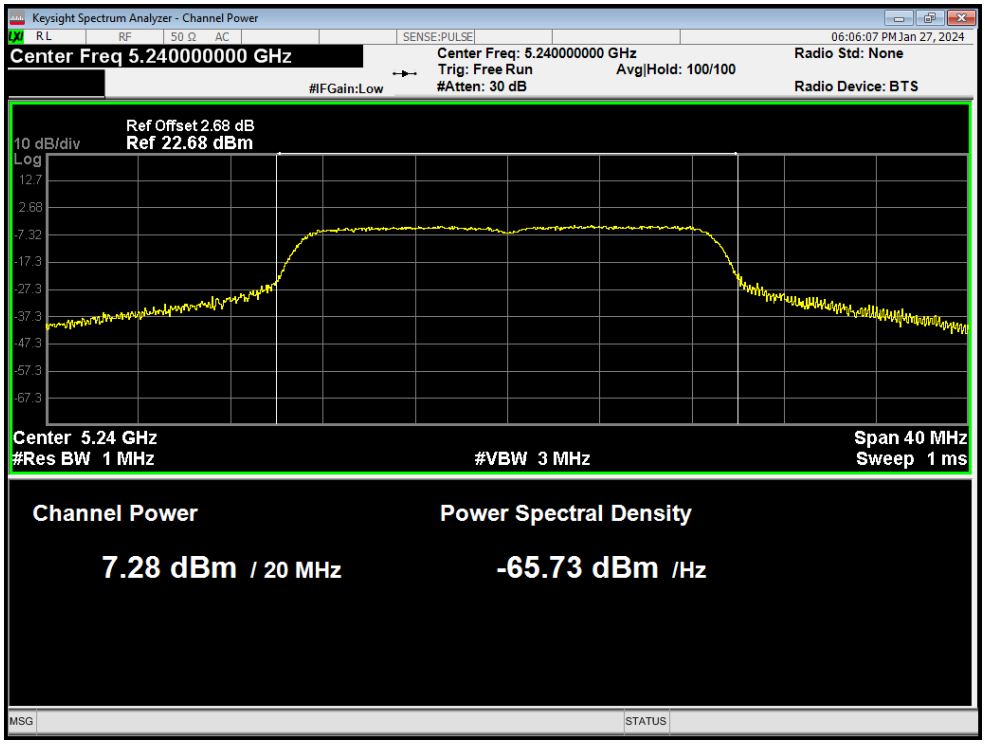
Power NVNT n40 5230MHz Ant1



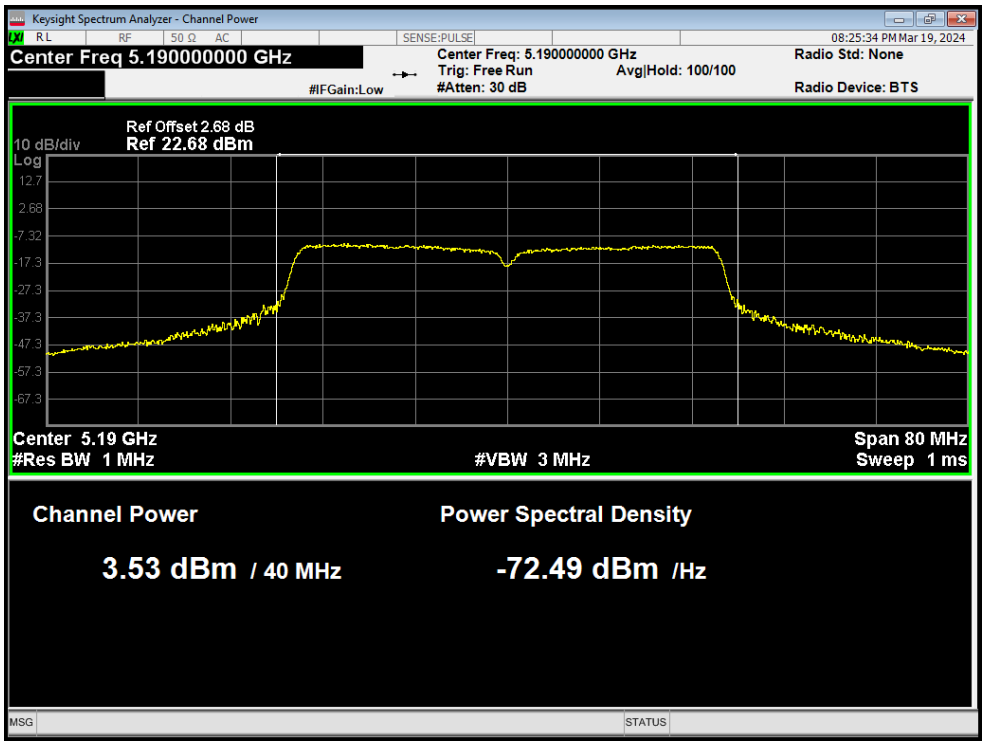
Power NVNT ac20 5180MHz Ant1



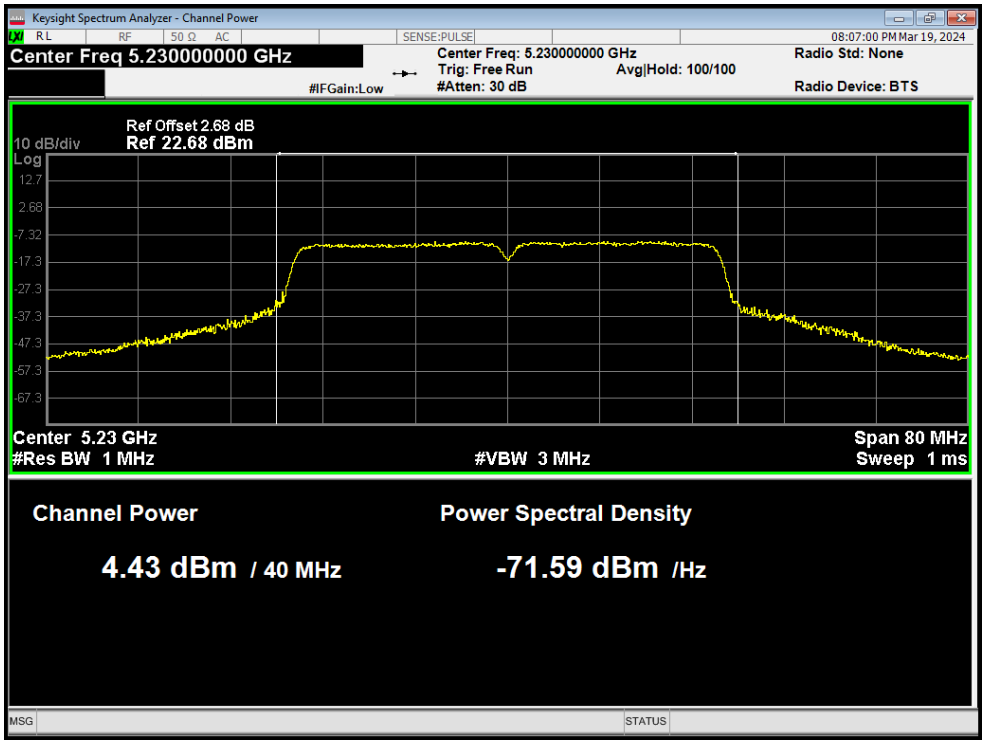
Power NVNT ac20 5200MHz Ant1



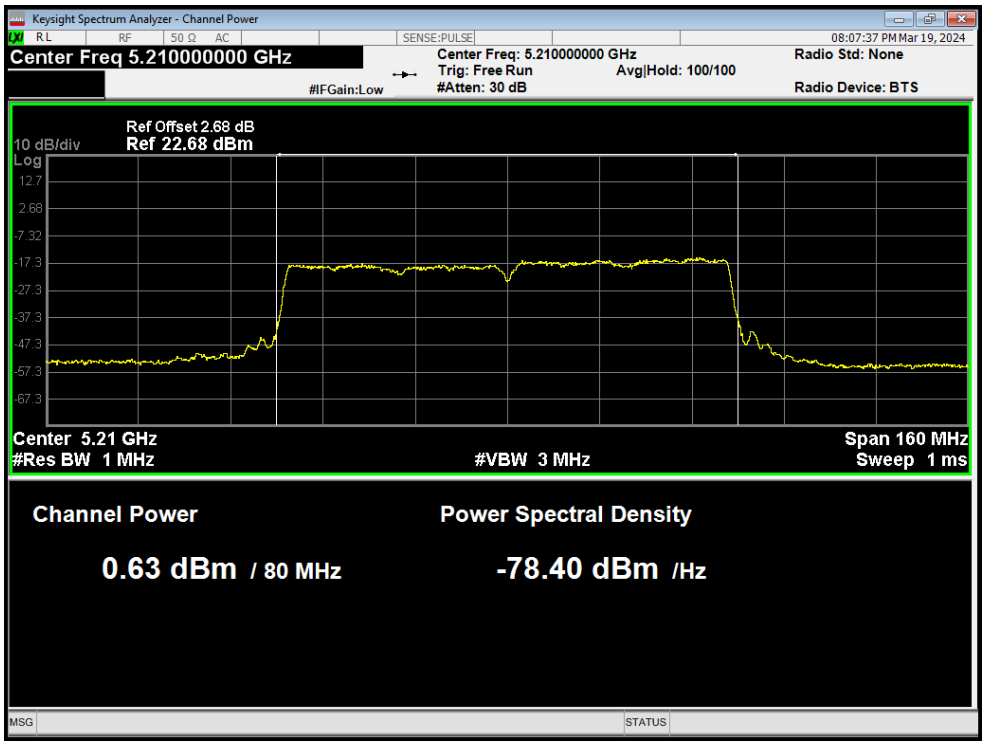
Power NVNT ac20 5240MHz Ant1



Power NVNT ac40 5190MHz Ant1



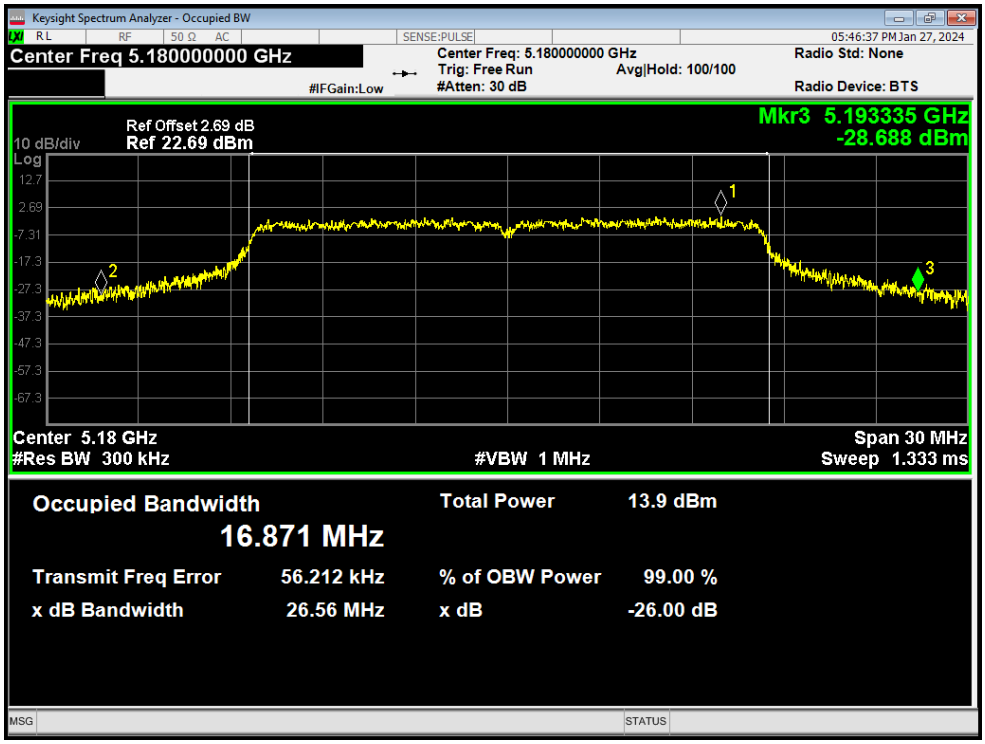
Power NVNT ac40 5230MHz Ant1



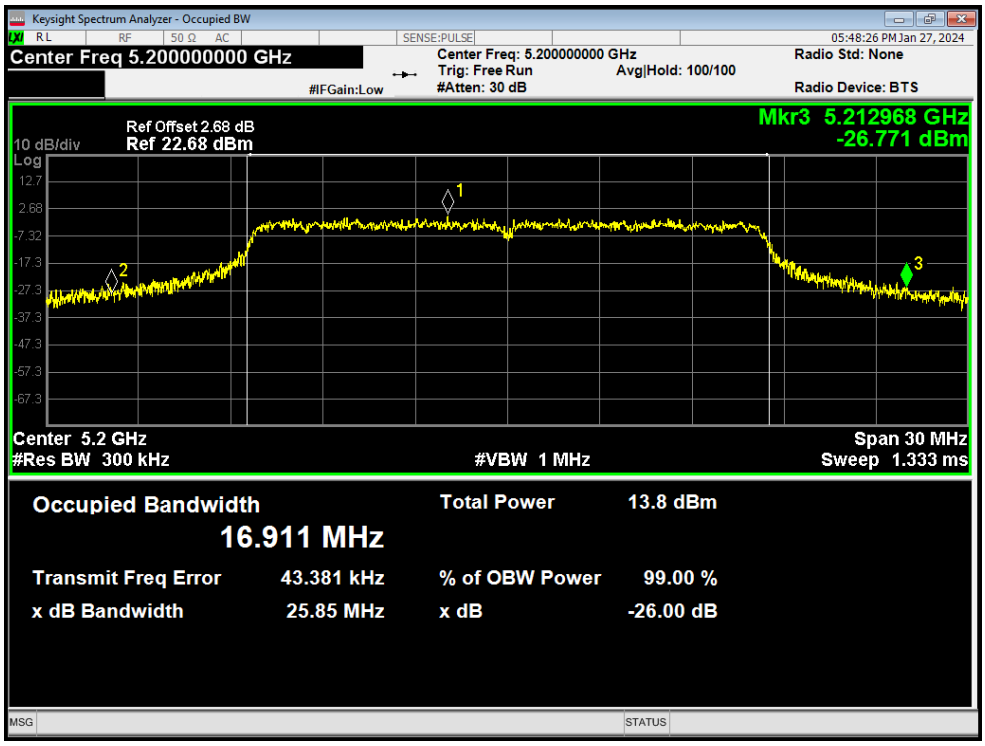
Power NVNT ac80 5210MHz Ant1

3. -26dB Bandwidth

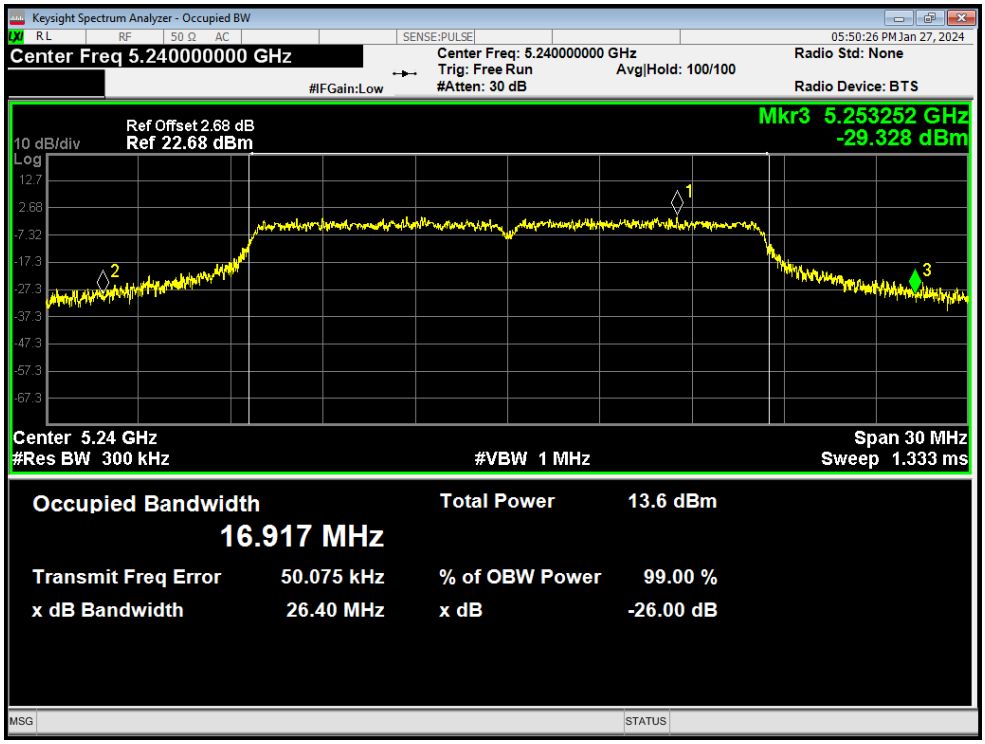
Condition	Mode	Frequency (MHz)	Antenna	-26 dB Bandwidth (MHz)	Verdict
NVNT	a	5180	Ant1	26.557	Pass
NVNT	a	5200	Ant1	25.849	Pass
NVNT	a	5240	Ant1	26.405	Pass
NVNT	n20	5180	Ant1	26.163	Pass
NVNT	n20	5200	Ant1	27.353	Pass
NVNT	n20	5240	Ant1	28.936	Pass
NVNT	n40	5190	Ant1	48.048	Pass
NVNT	n40	5230	Ant1	45.943	Pass
NVNT	ac20	5180	Ant1	28.335	Pass
NVNT	ac20	5200	Ant1	27.954	Pass
NVNT	ac20	5240	Ant1	28.339	Pass
NVNT	ac40	5190	Ant1	46.557	Pass
NVNT	ac40	5230	Ant1	46.991	Pass
NVNT	ac80	5210	Ant1	80.291	Pass



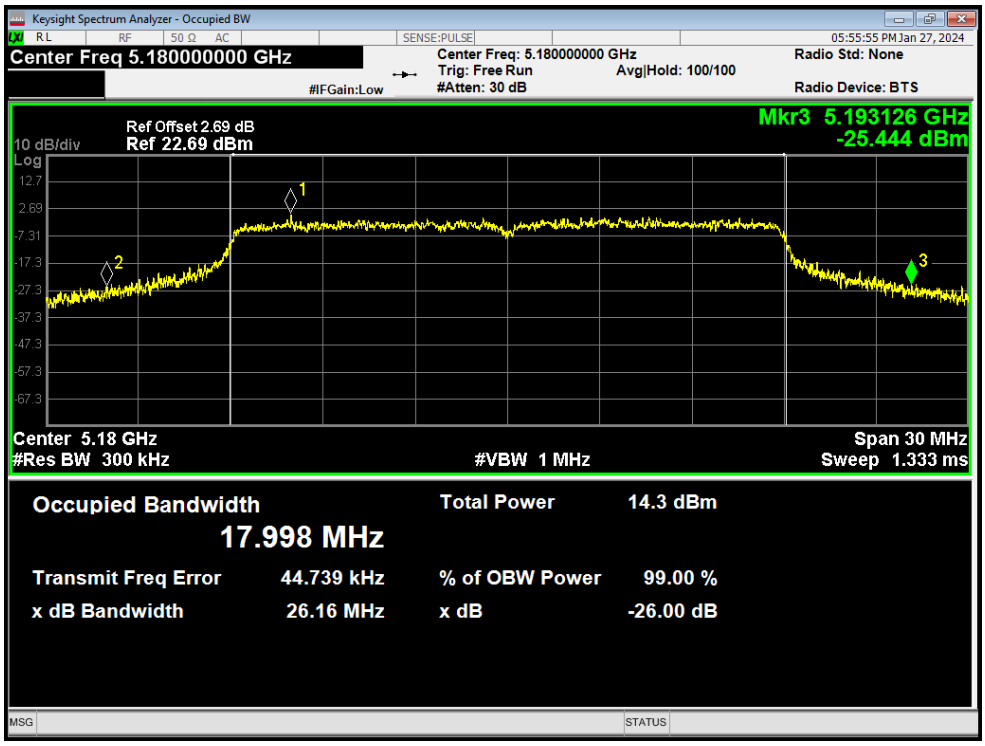
-26dB Bandwidth NVNT a 5180MHz Ant1



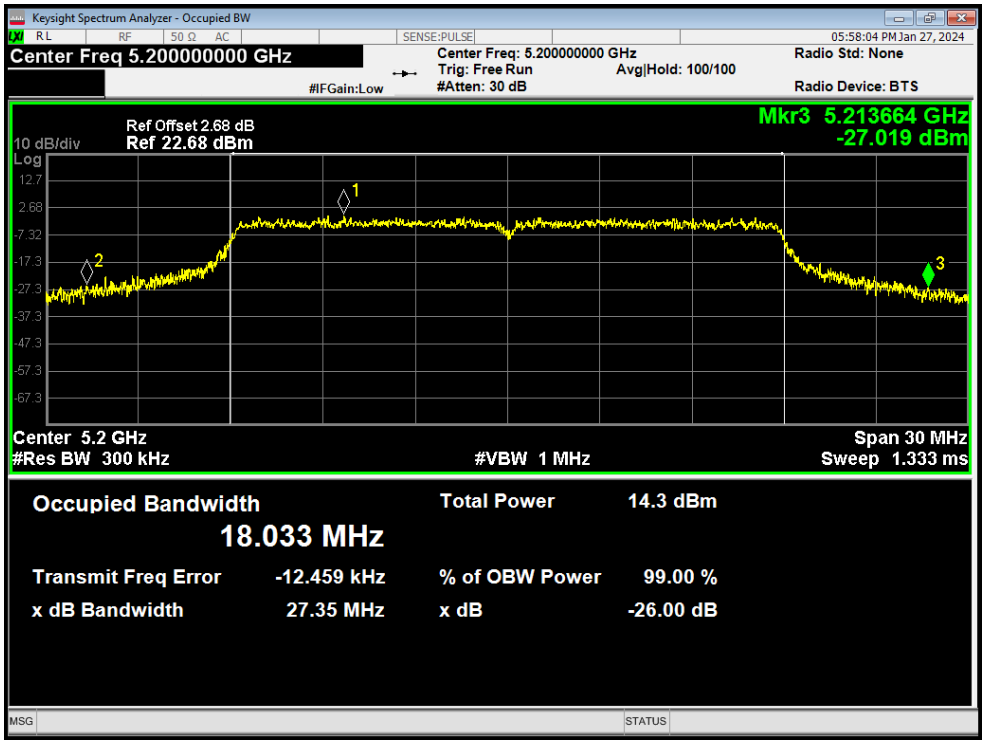
-26dB Bandwidth NVNT a 5200MHz Ant1



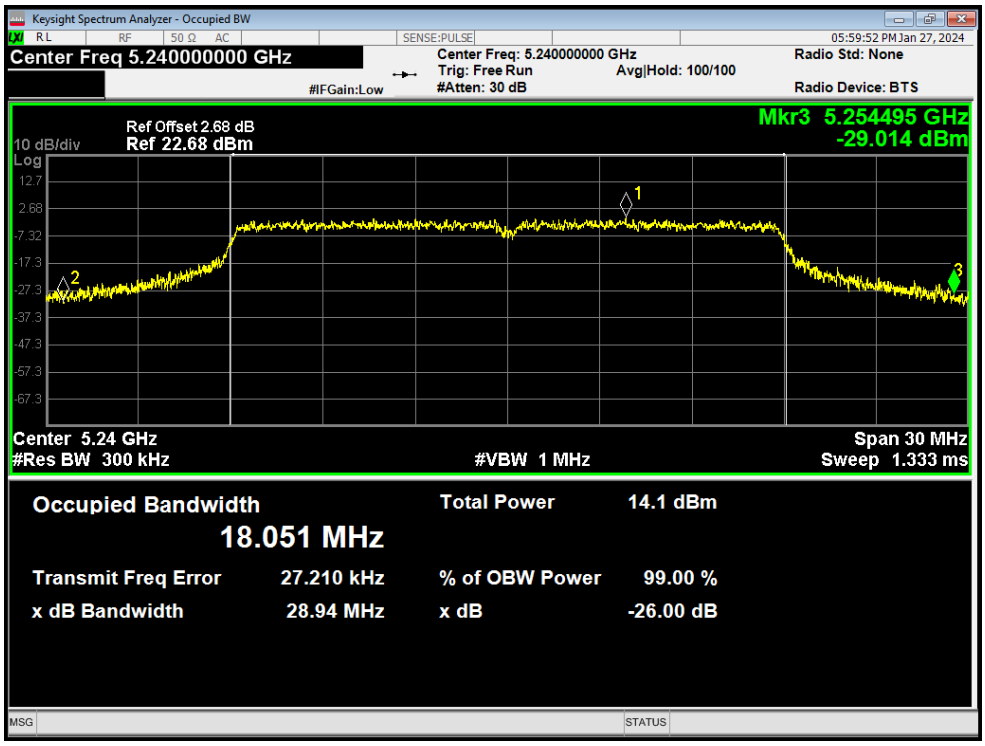
-26dB Bandwidth NVNT a 5240MHz Ant1



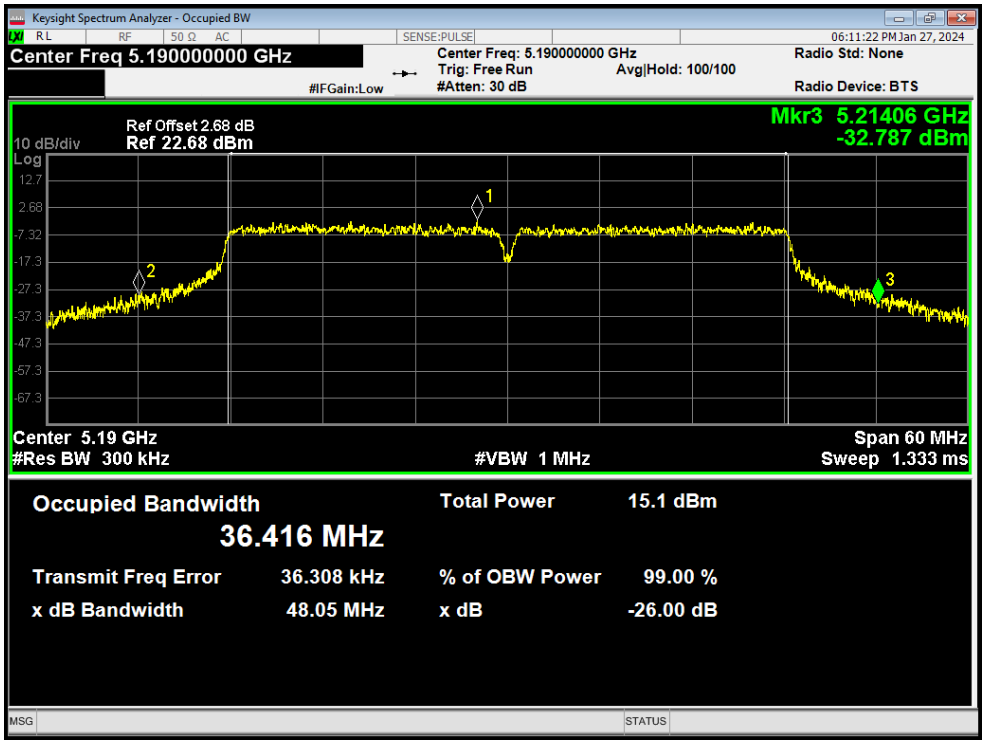
-26dB Bandwidth NVNT n20 5180MHz Ant1



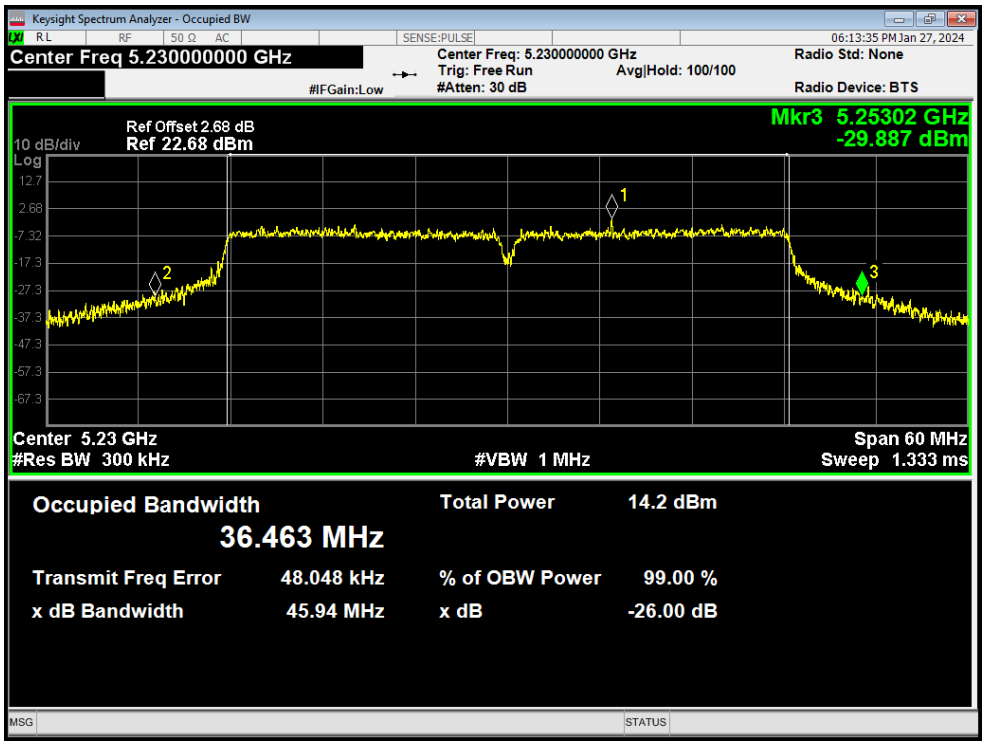
-26dB Bandwidth NVNT n20 5200MHz Ant1



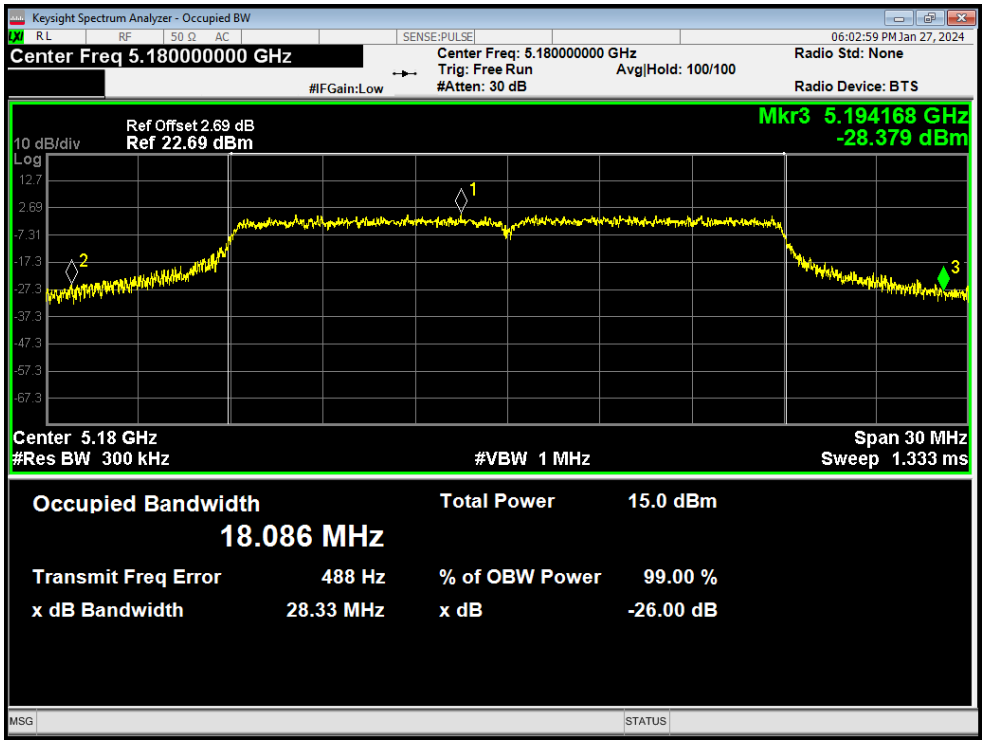
-26dB Bandwidth NVNT n20 5240MHz Ant1



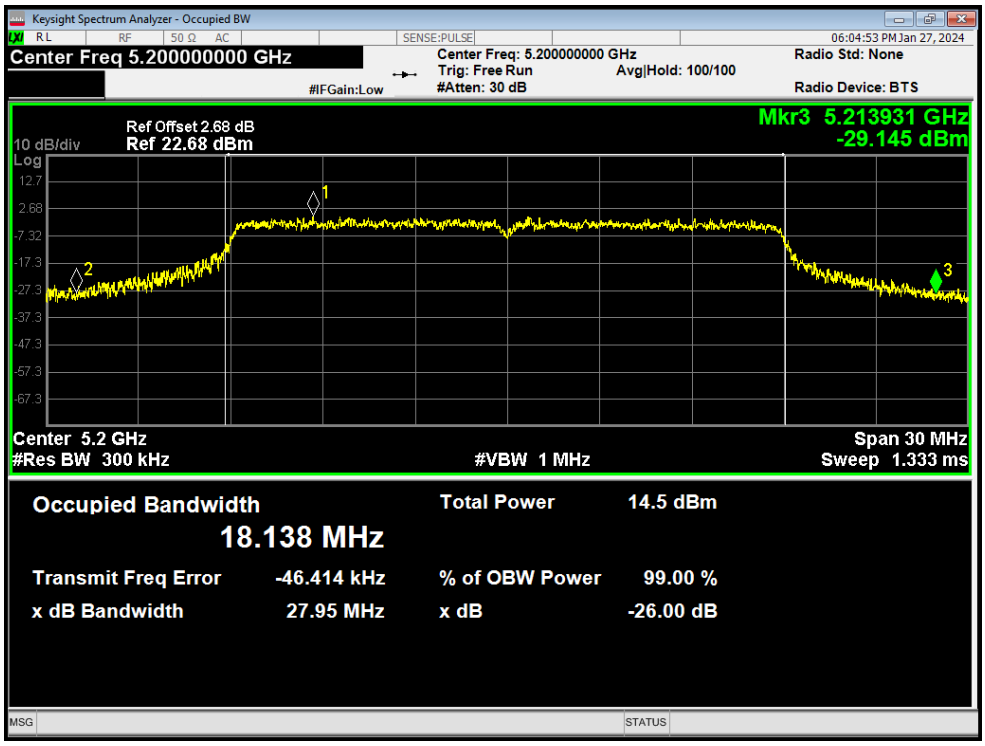
-26dB Bandwidth NVNT n40 5190MHz Ant1



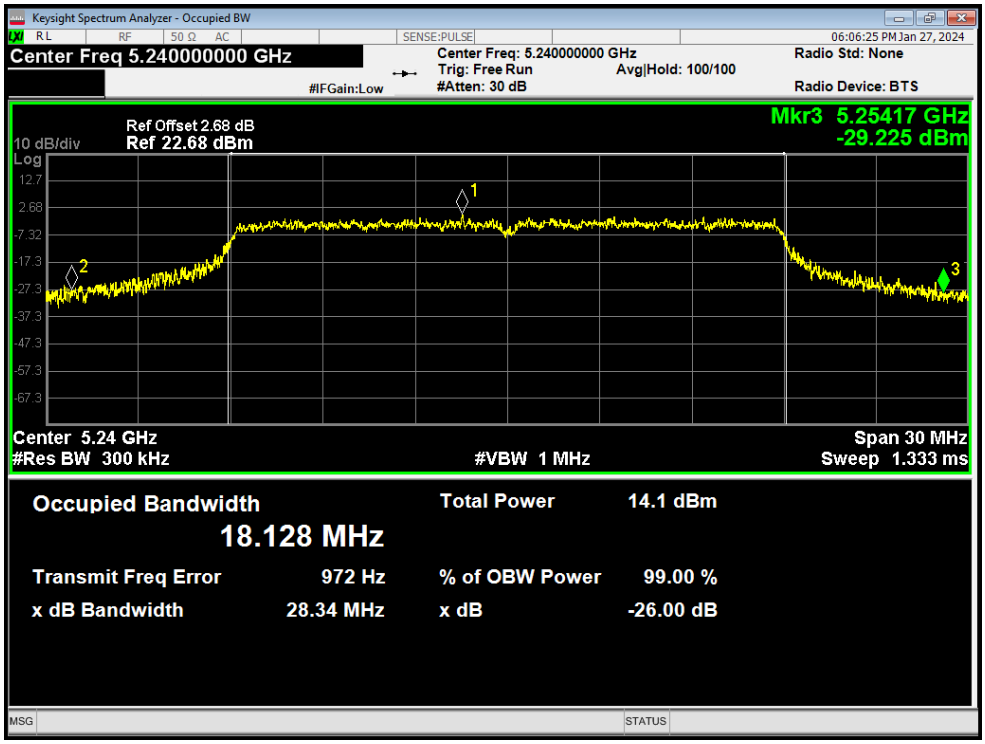
-26dB Bandwidth NVNT n40 5230MHz Ant1



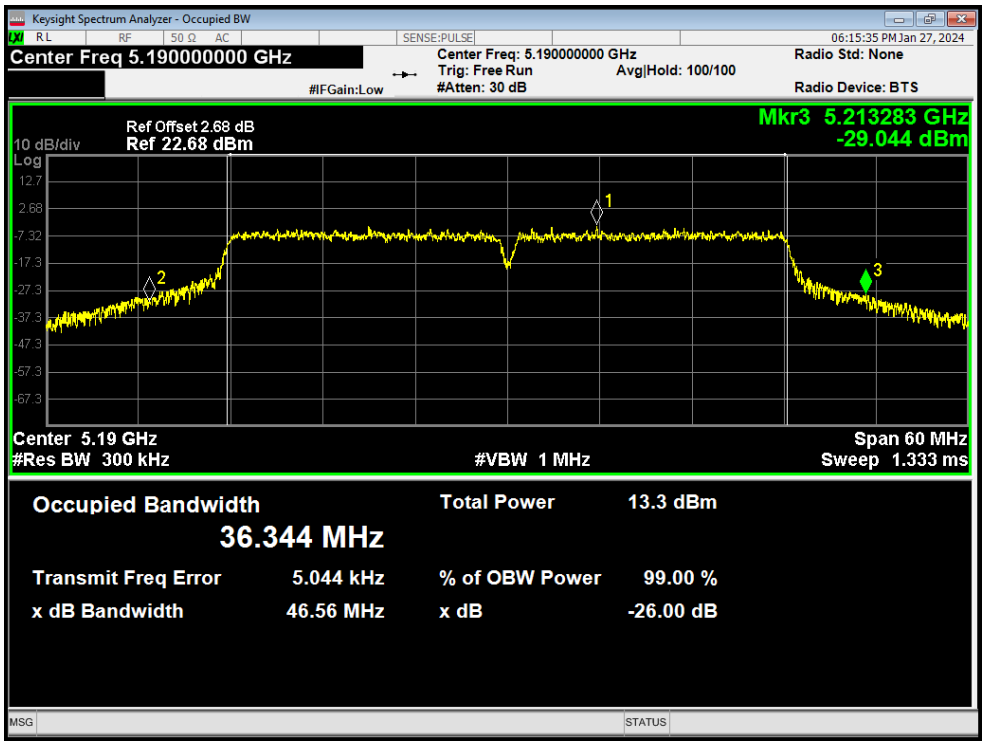
-26dB Bandwidth NVNT ac20 5180MHz Ant1



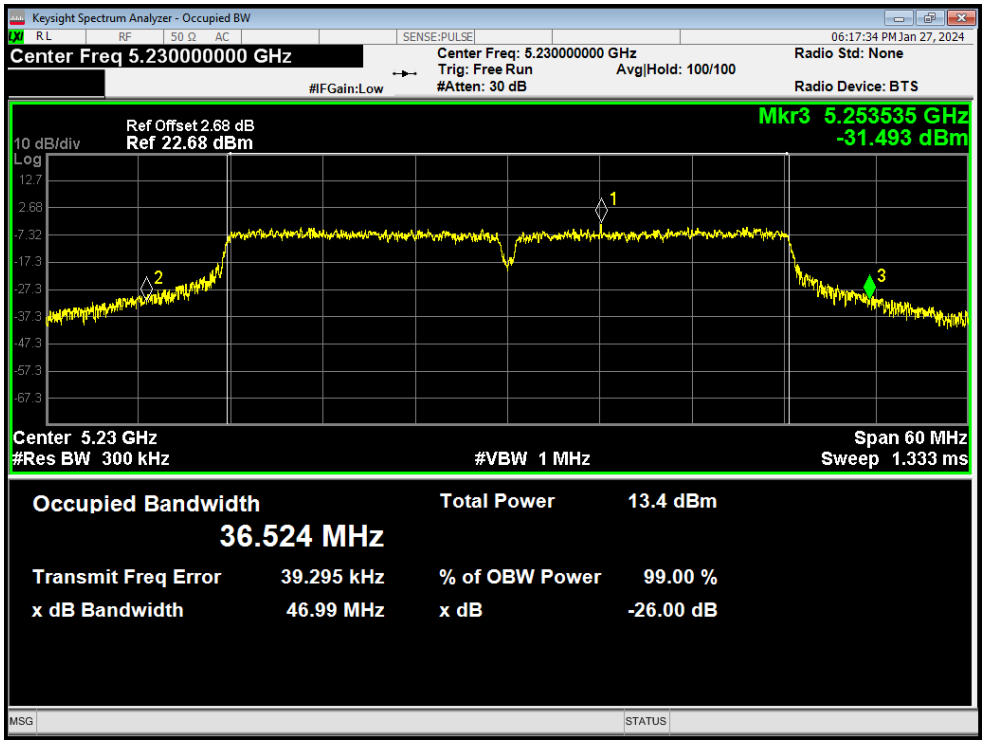
-26dB Bandwidth NVNT ac20 5200MHz Ant1



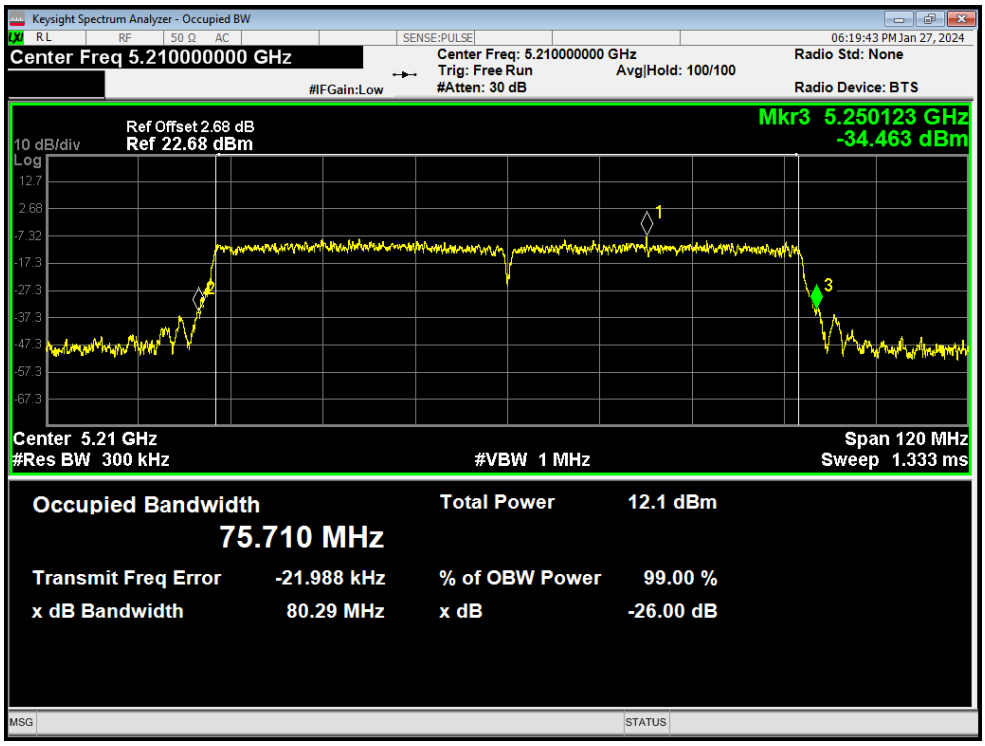
-26dB Bandwidth NVNT ac20 5240MHz Ant1



-26dB Bandwidth NVNT ac40 5190MHz Ant1



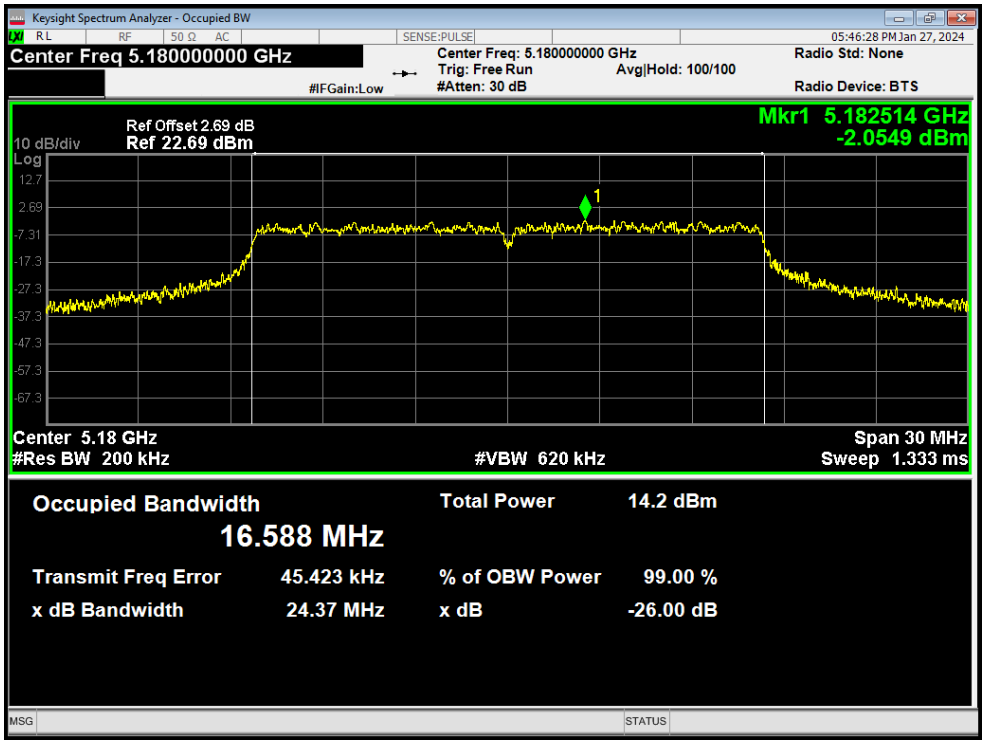
-26dB Bandwidth NVNT ac40 5230MHz Ant1



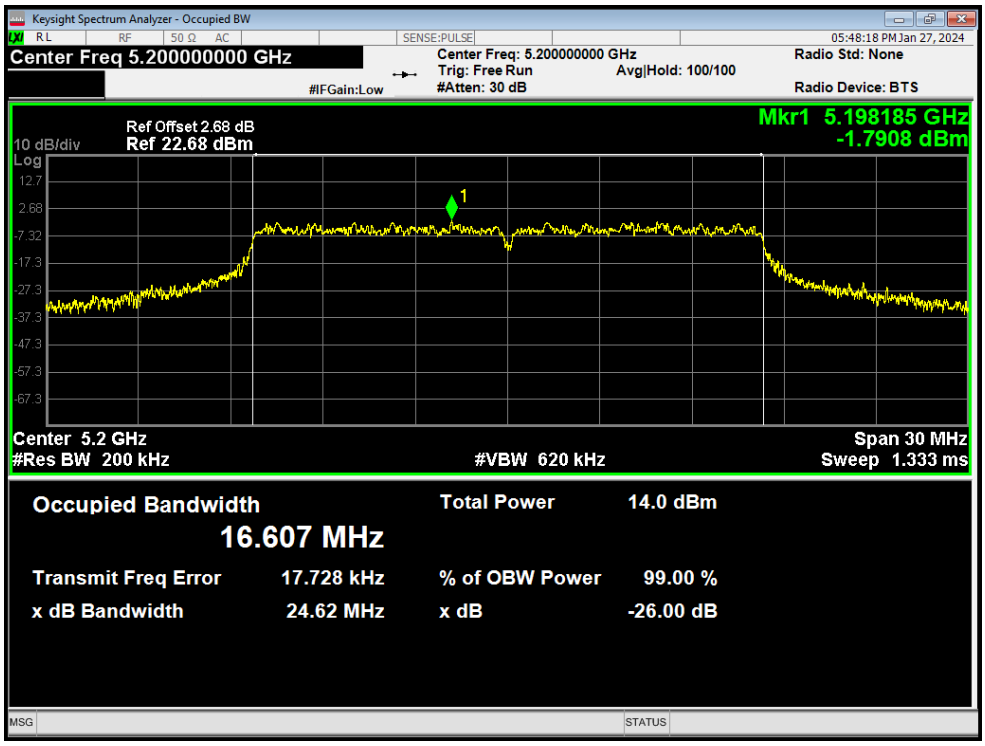
-26dB Bandwidth NVNT ac80 5210MHz Ant1

4. Occupied Channel Bandwidth

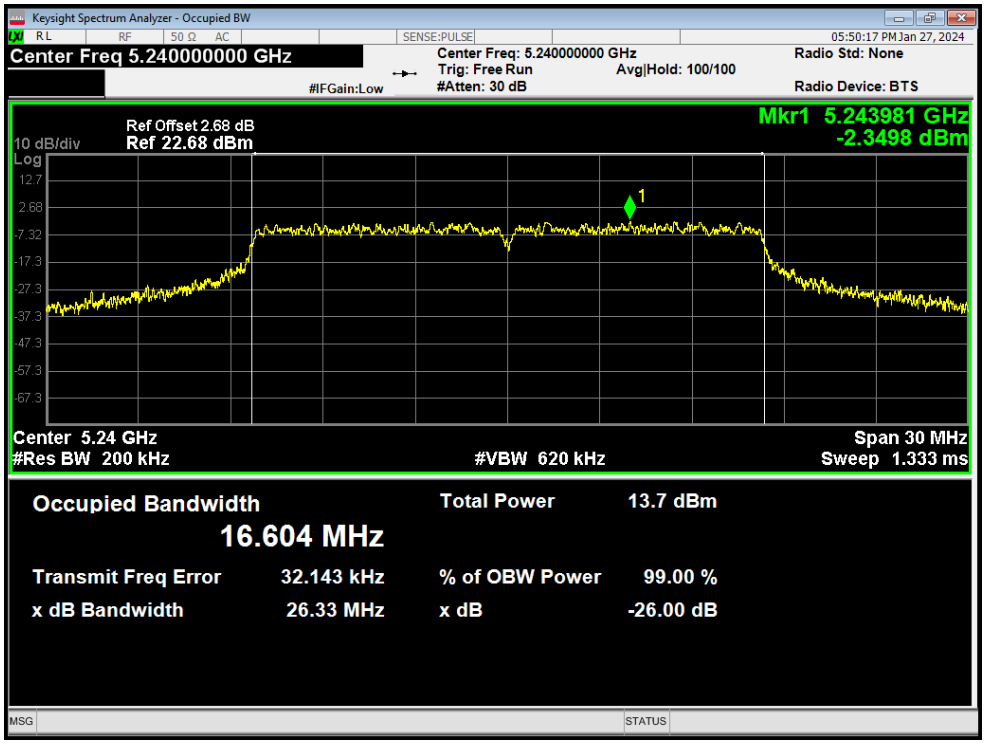
Condition	Mode	Frequency (MHz)	Antenna	99% OBW (MHz)
NVNT	a	5180	Ant1	16.588
NVNT	a	5200	Ant1	16.607
NVNT	a	5240	Ant1	16.604
NVNT	n20	5180	Ant1	17.814
NVNT	n20	5200	Ant1	17.841
NVNT	n20	5240	Ant1	17.835
NVNT	n40	5190	Ant1	36.578
NVNT	n40	5230	Ant1	36.661
NVNT	ac20	5180	Ant1	17.856
NVNT	ac20	5200	Ant1	17.844
NVNT	ac20	5240	Ant1	17.834
NVNT	ac40	5190	Ant1	36.616
NVNT	ac40	5230	Ant1	36.764
NVNT	ac80	5210	Ant1	75.79



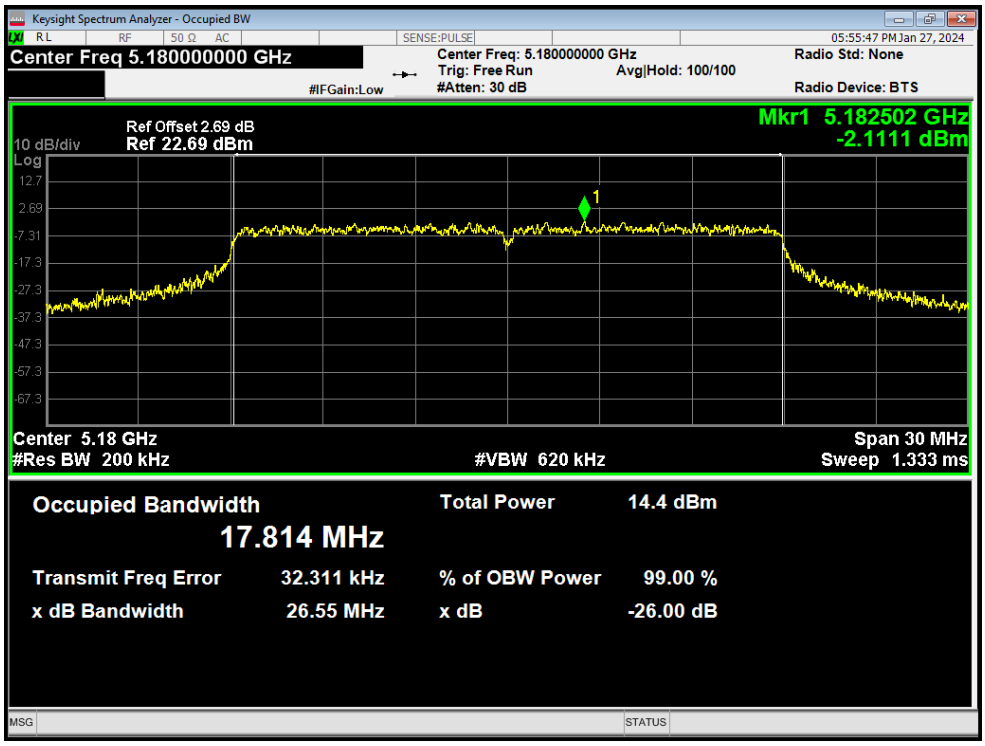
OBW NVNT a 5180MHz Ant1



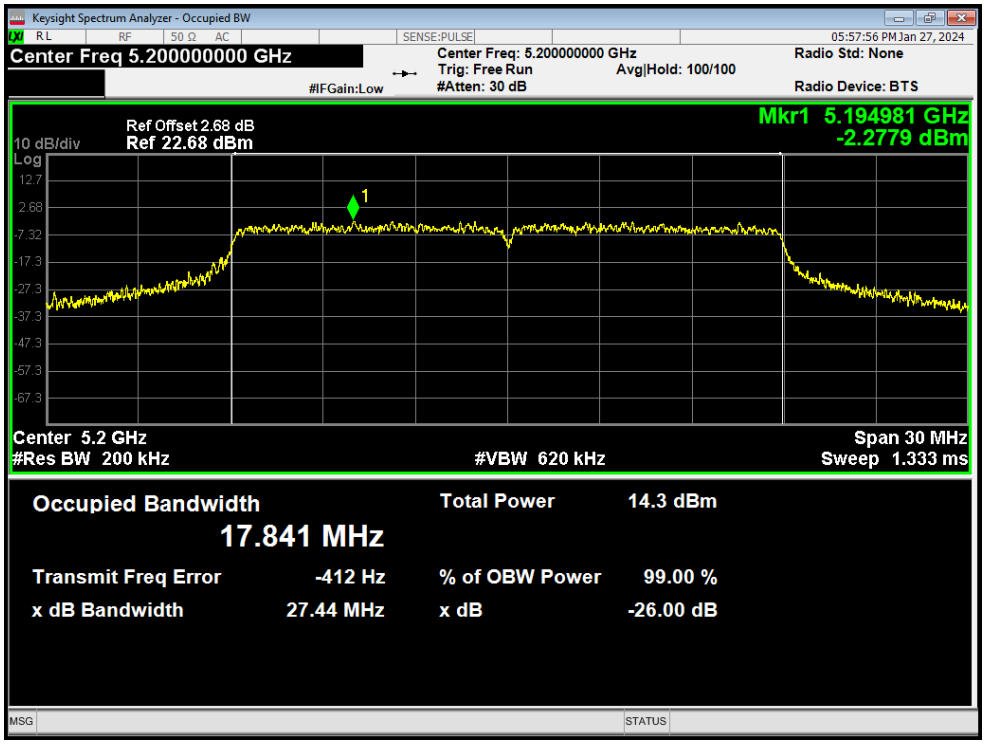
OBW NVNT a 5200MHz Ant1



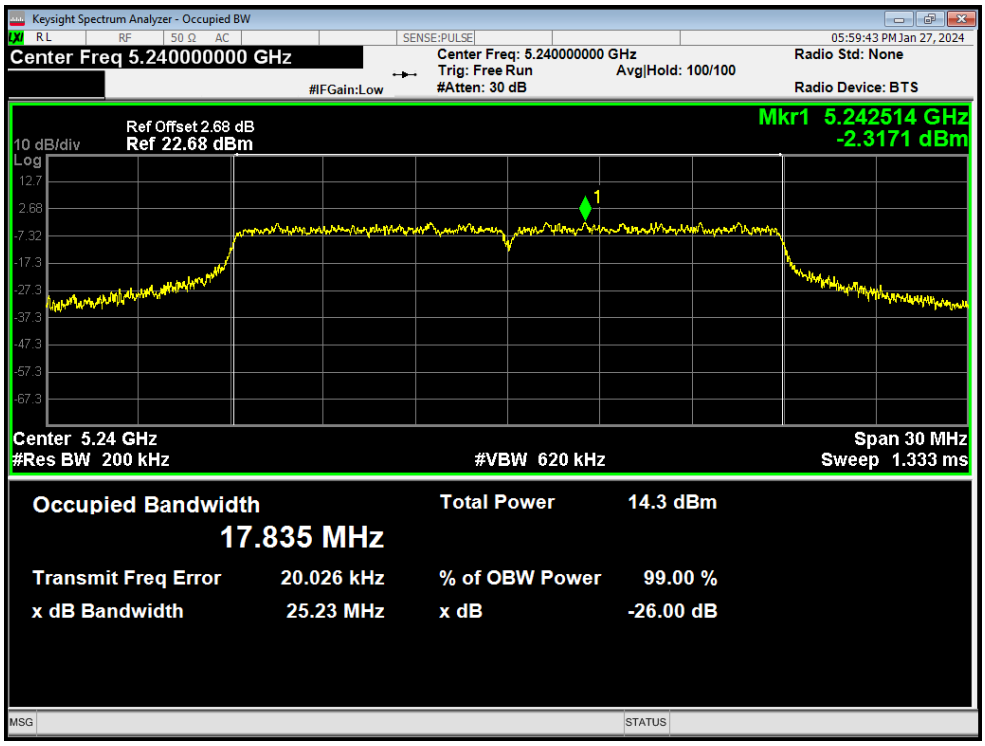
OBW NVNT a 5240MHz Ant1



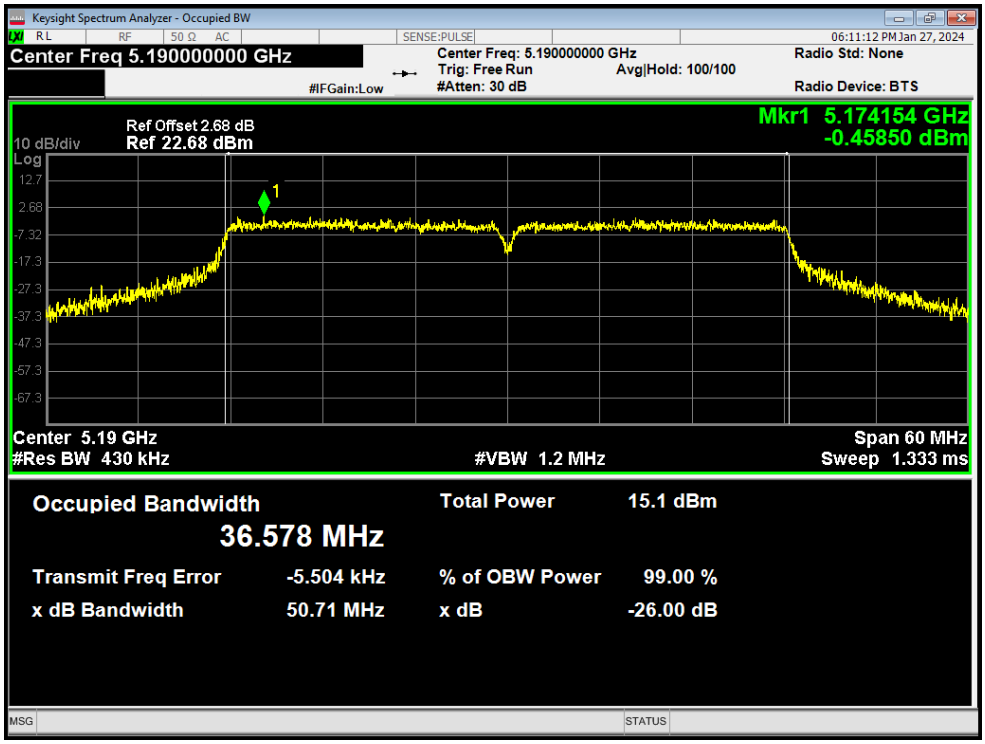
OBW NVNT n20 5180MHz Ant1



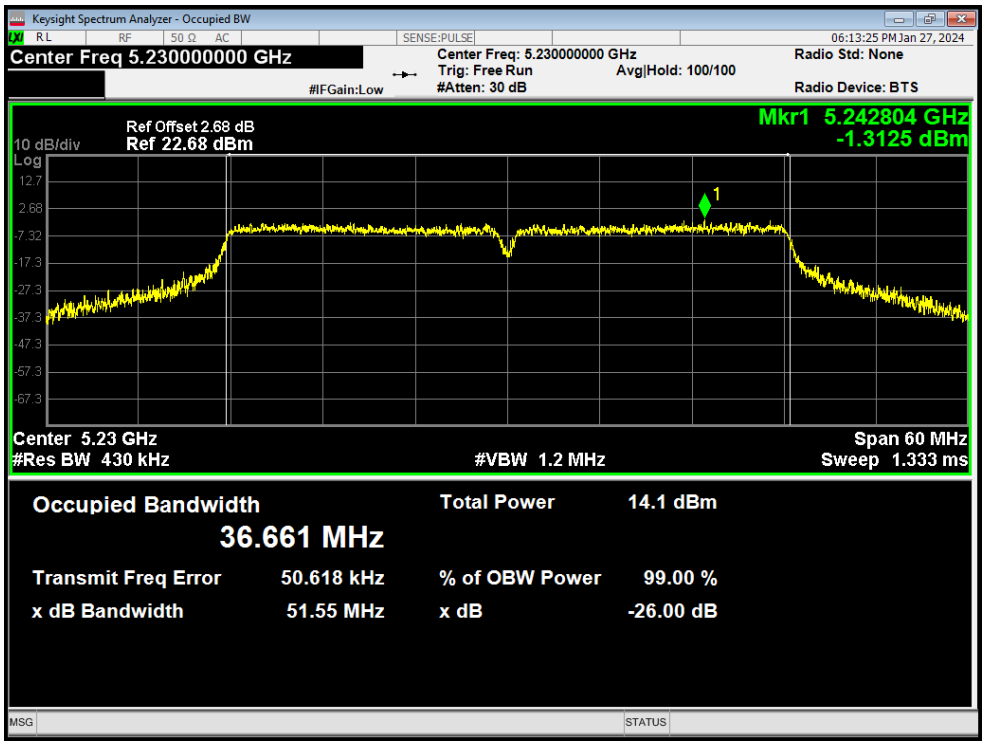
OBW NVNT n20 5200MHz Ant1



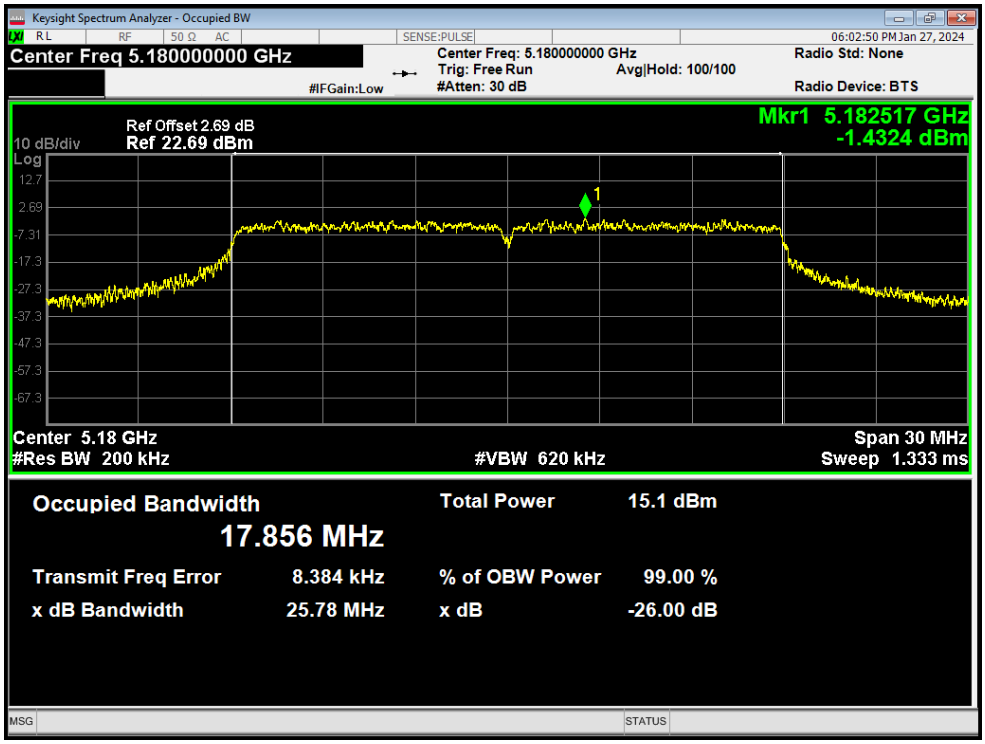
OBW NVNT n20 5240MHz Ant1



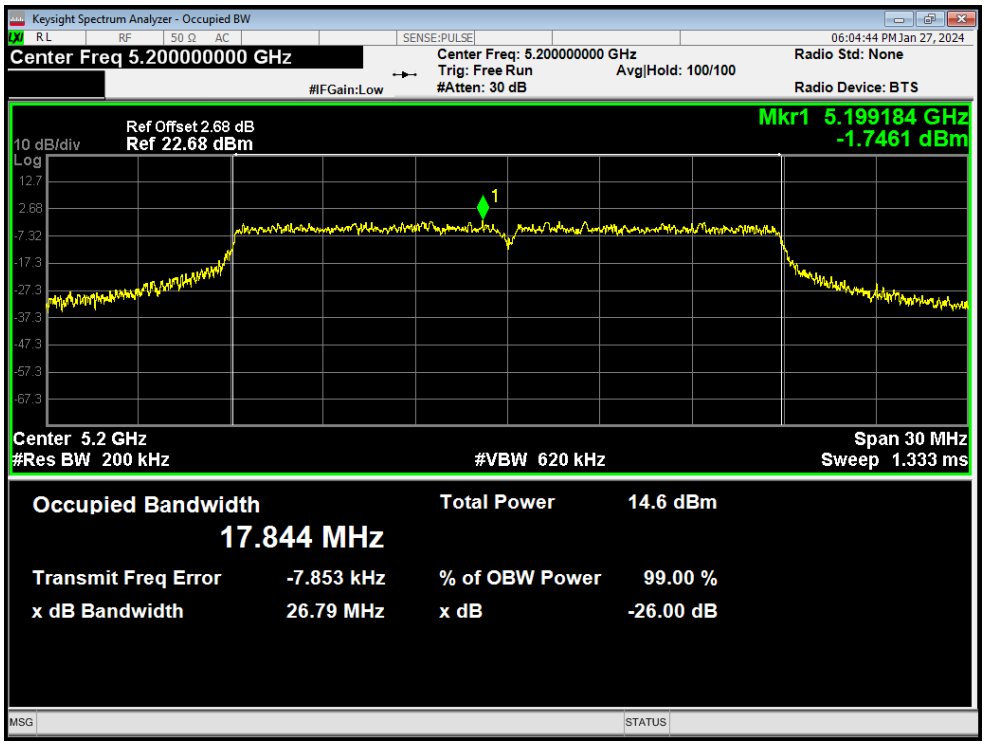
OBW NVNT n40 5190MHz Ant1



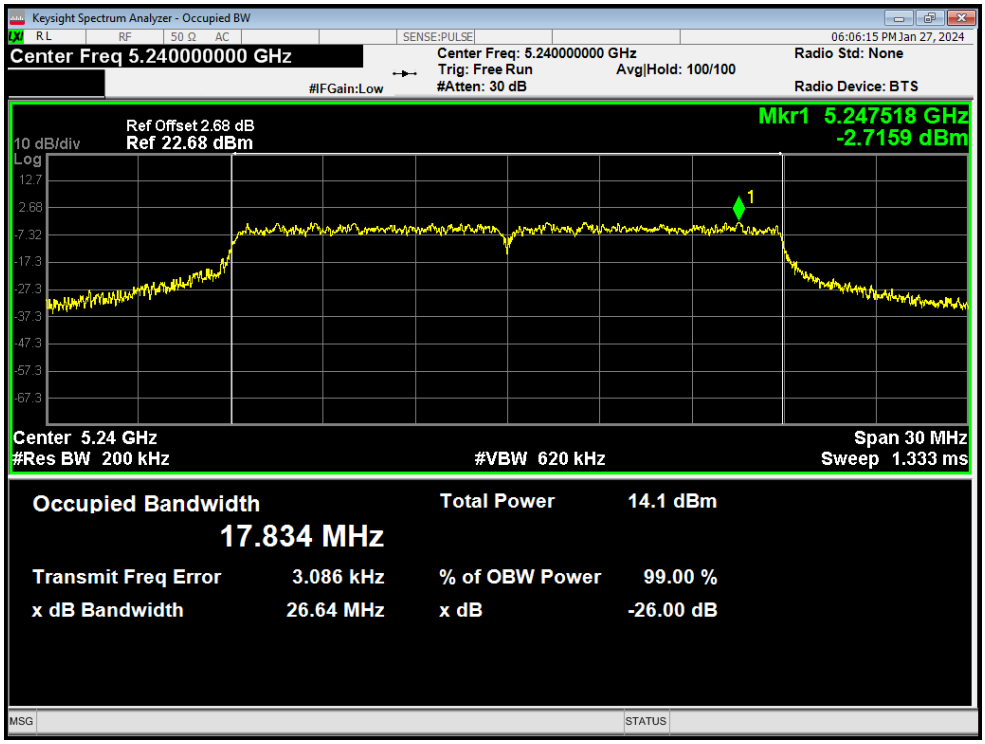
OBW NVNT n40 5230MHz Ant1



OBW NVNT ac20 5180MHz Ant1



OBW NVNT ac20 5200MHz Ant1



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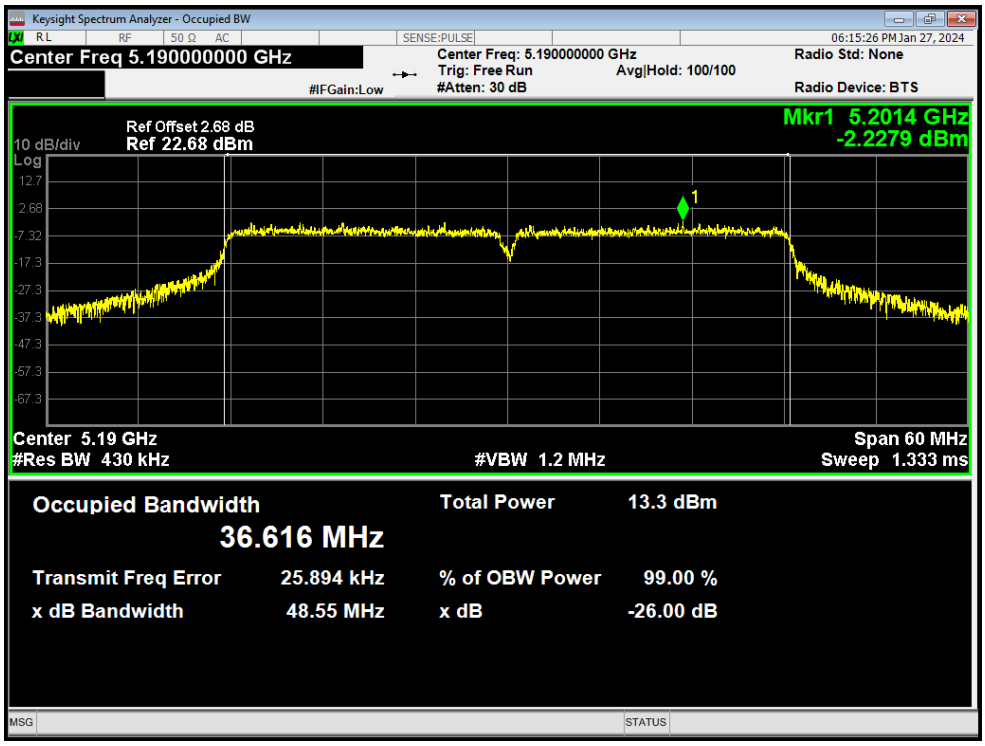
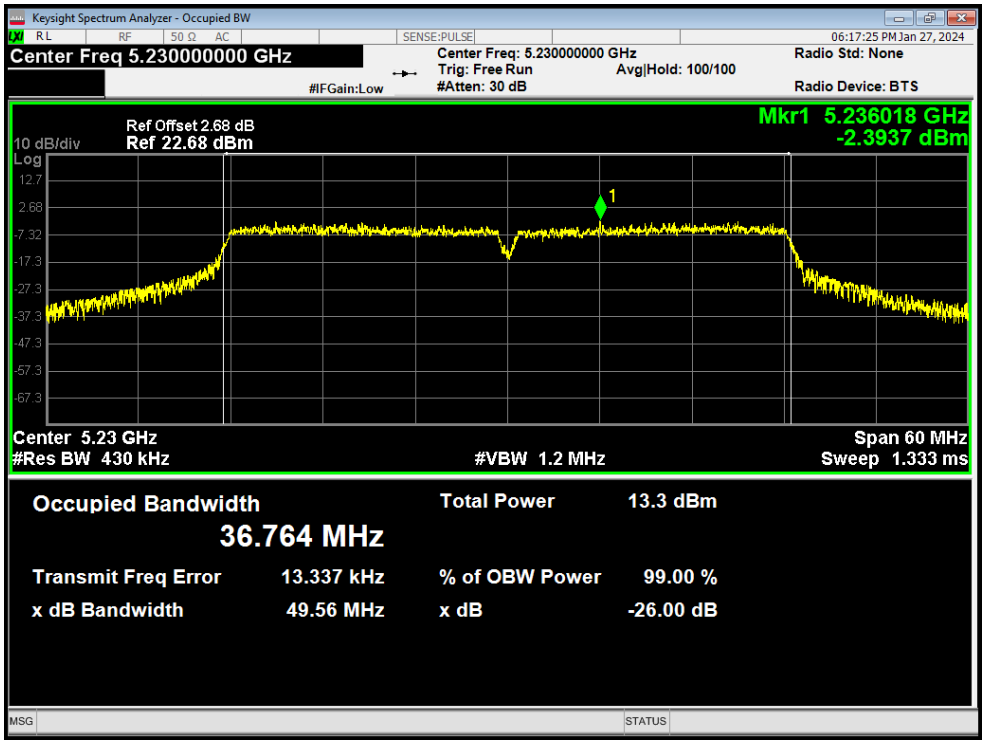
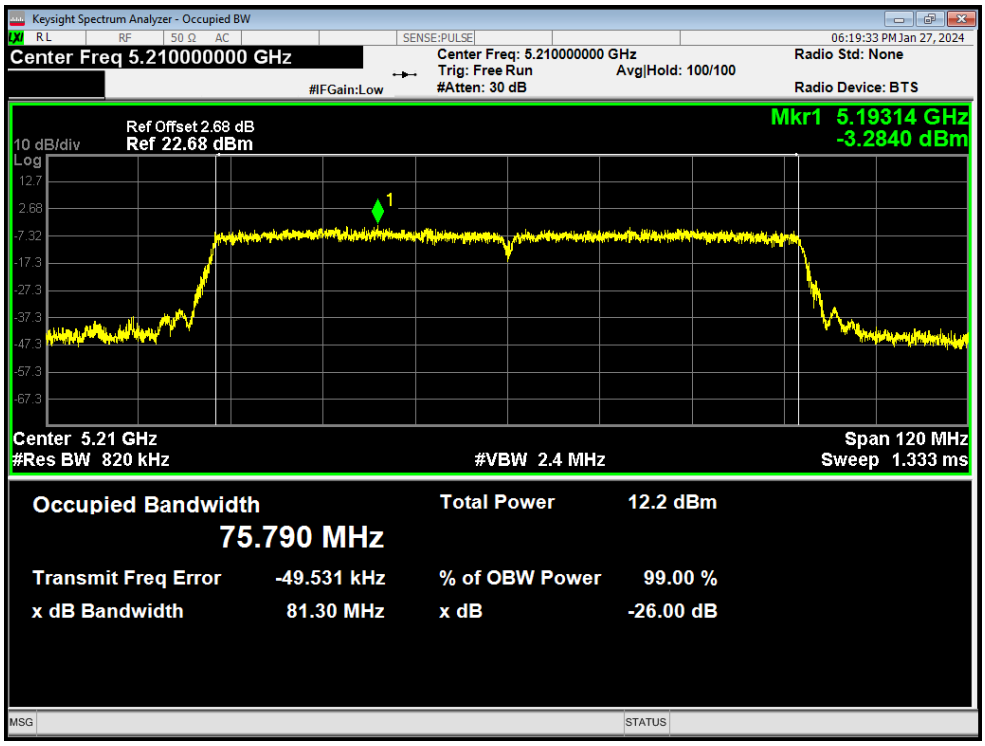


OBW NVNT ac40 5190MHz Ant1



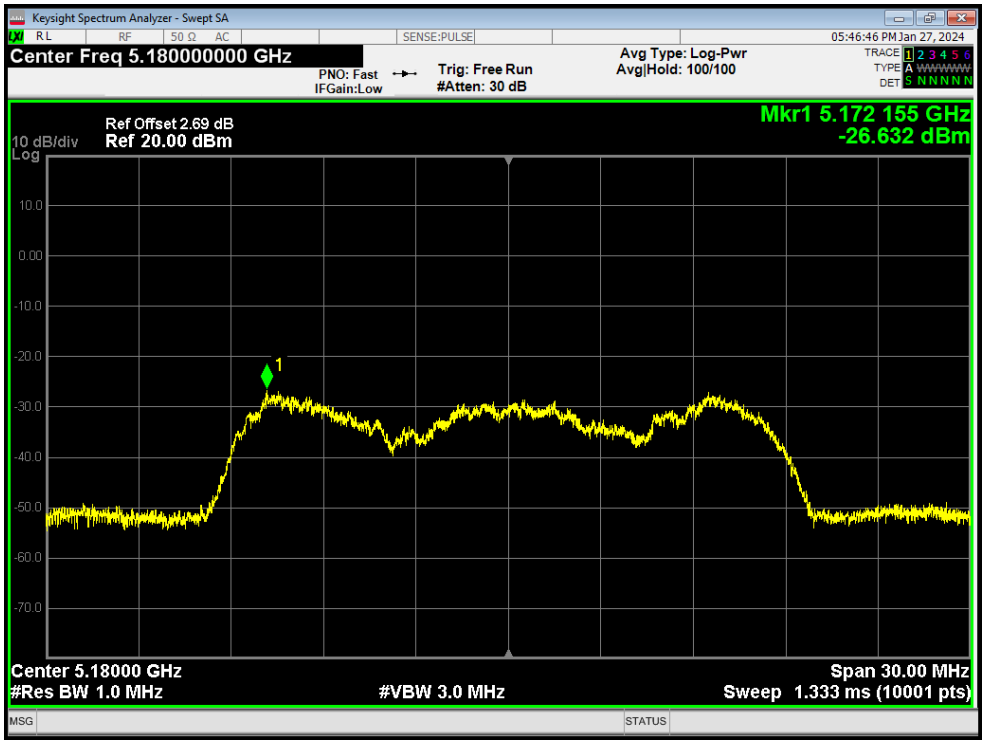
OBW NVNT ac40 5230MHz Ant1



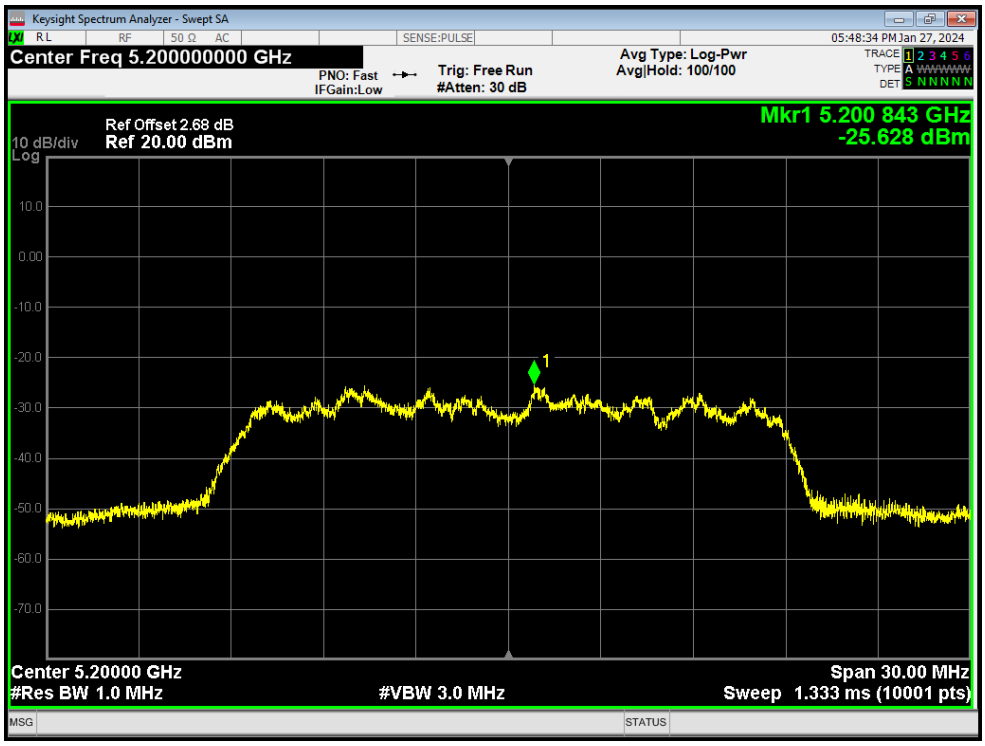
OBW NVNT ac80 5210MHz Ant1

5. Maximum Power Spectral Density Level

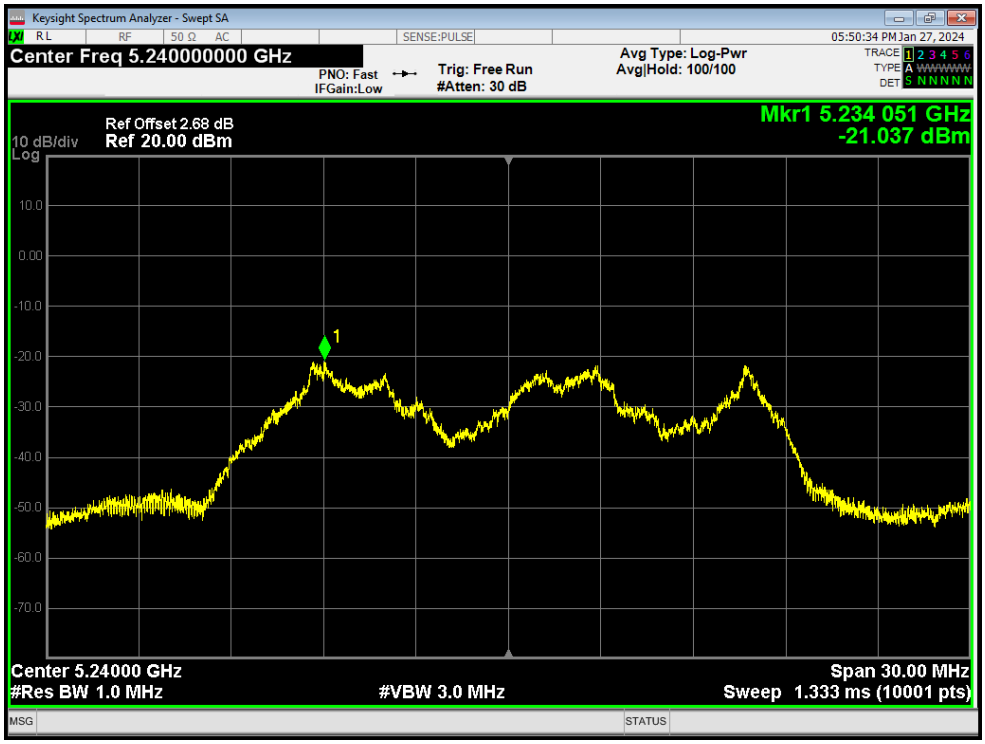
Condition	Mode	Frequency (MHz)	Antenna	Conducted PSD (dBm)	Duty Factor (dB)	Total PSD (dBm)	Limit (dBm)	Verdict
NVNT	a	5180	Ant1	-26.63	2.39	-24.24	11	Pass
NVNT	a	5200	Ant1	-25.63	2.16	-23.47	11	Pass
NVNT	a	5240	Ant1	-21.04	2.58	-18.46	11	Pass
NVNT	n20	5180	Ant1	-10.67	0.94	-9.73	11	Pass
NVNT	n20	5200	Ant1	-11.31	1.01	-10.3	11	Pass
NVNT	n20	5240	Ant1	-9.36	0.94	-8.42	11	Pass
NVNT	n40	5190	Ant1	-17.15	1.45	-15.7	11	Pass
NVNT	n40	5230	Ant1	-20.92	1.45	-19.47	11	Pass
NVNT	ac20	5180	Ant1	-9.24	0.9	-8.34	11	Pass
NVNT	ac20	5200	Ant1	-13.07	1.03	-12.04	11	Pass
NVNT	ac20	5240	Ant1	-12.58	0.98	-11.6	11	Pass
NVNT	ac40	5190	Ant1	-22.98	1.75	-21.23	11	Pass
NVNT	ac40	5230	Ant1	-21.82	1.51	-20.31	11	Pass
NVNT	ac80	5210	Ant1	-30.7	3.14	-27.56	11	Pass



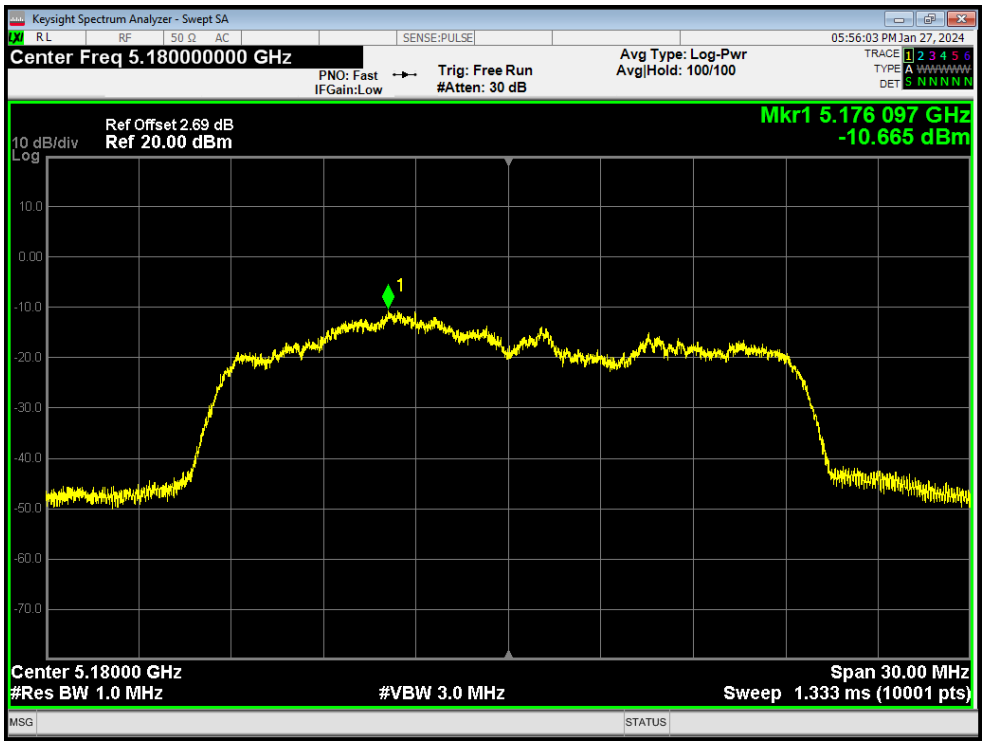
PSD NVNT a 5180MHz Ant1



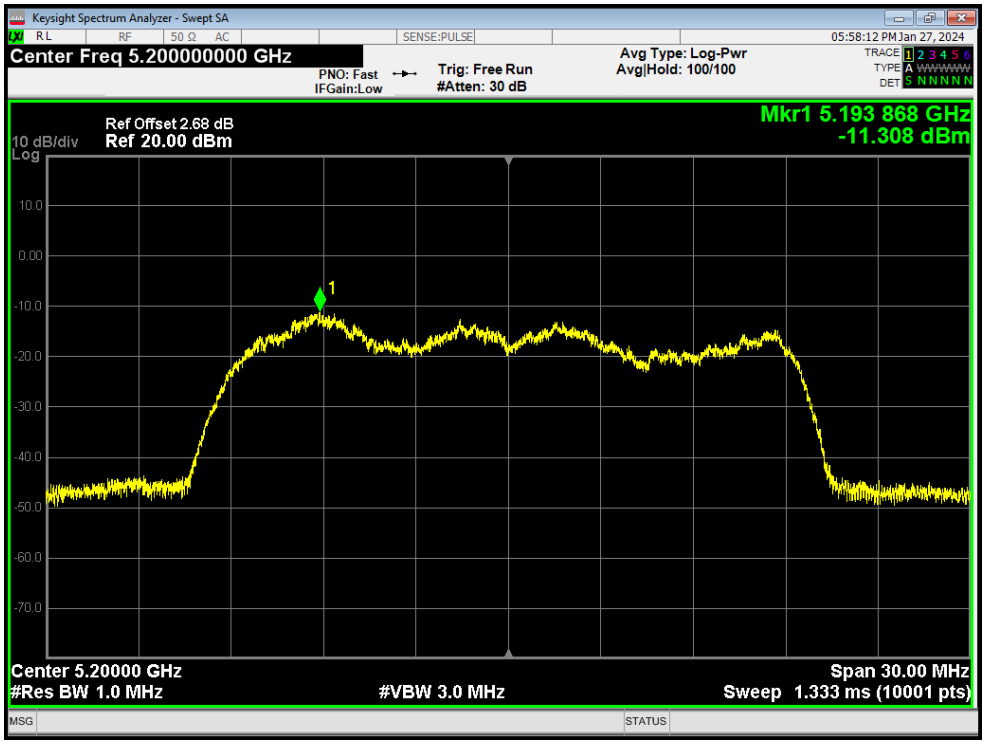
PSD NVNT a 5200MHz Ant1



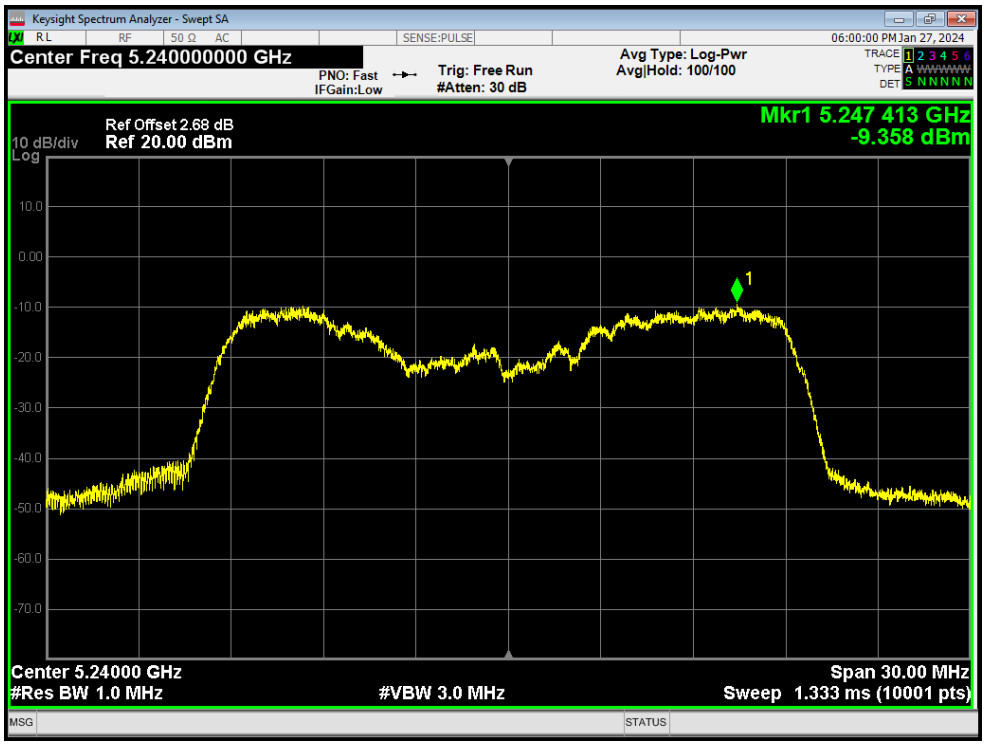
PSD NVNT a 5240MHz Ant1



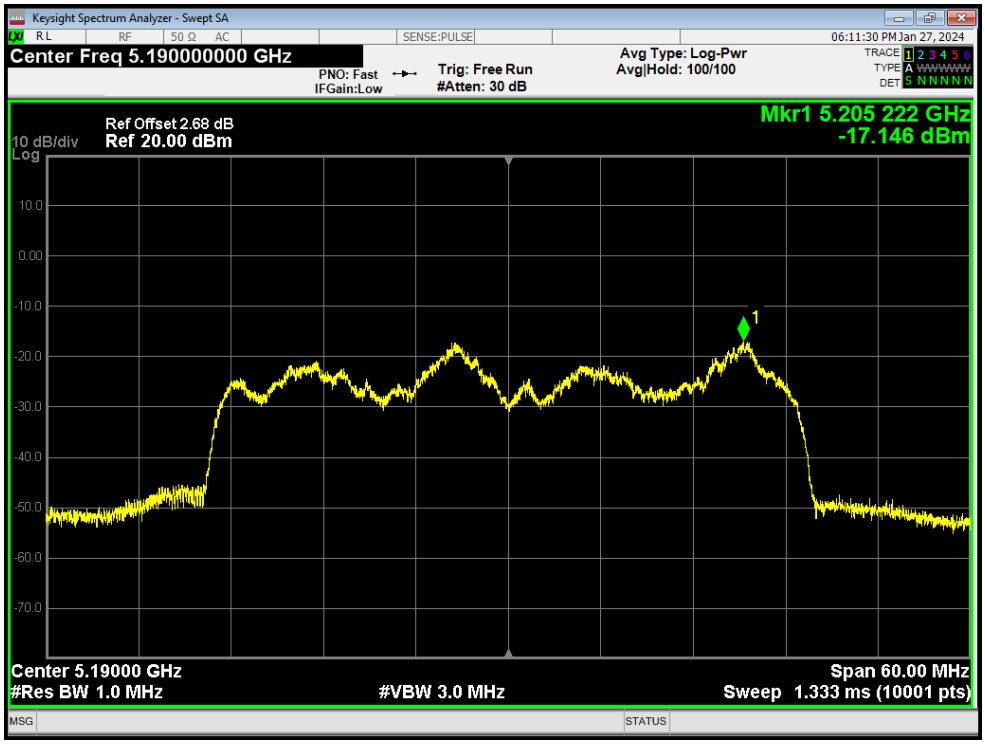
PSD NVNT n20 5180MHz Ant1



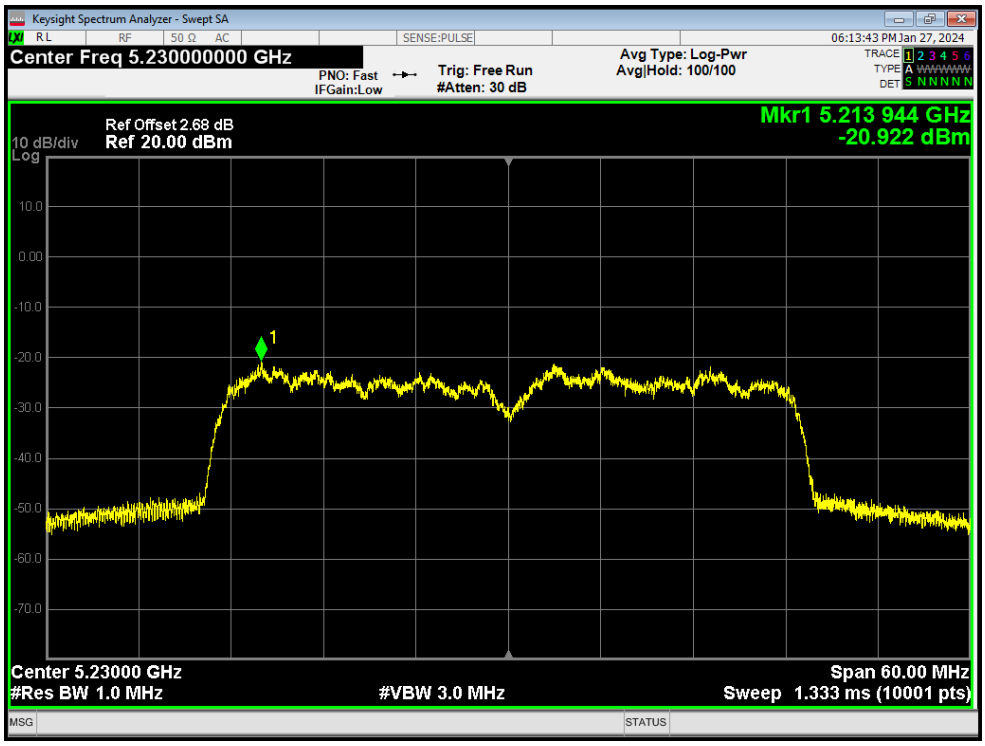
PSD NVNT n20 5200MHz Ant1



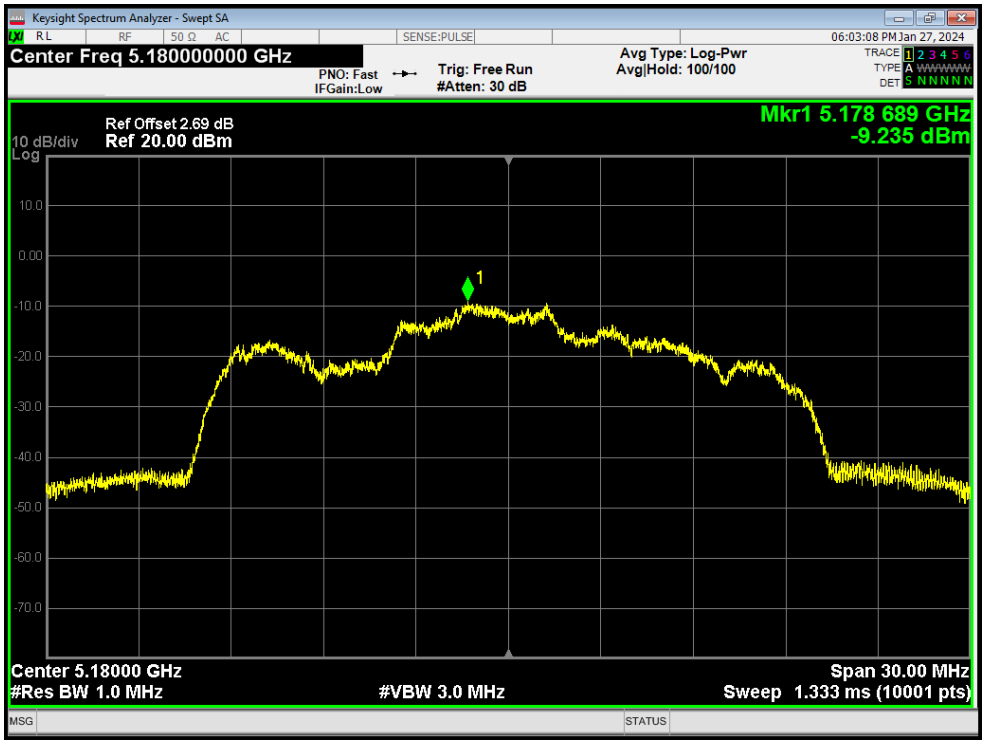
PSD NVNT n20 5240MHz Ant1



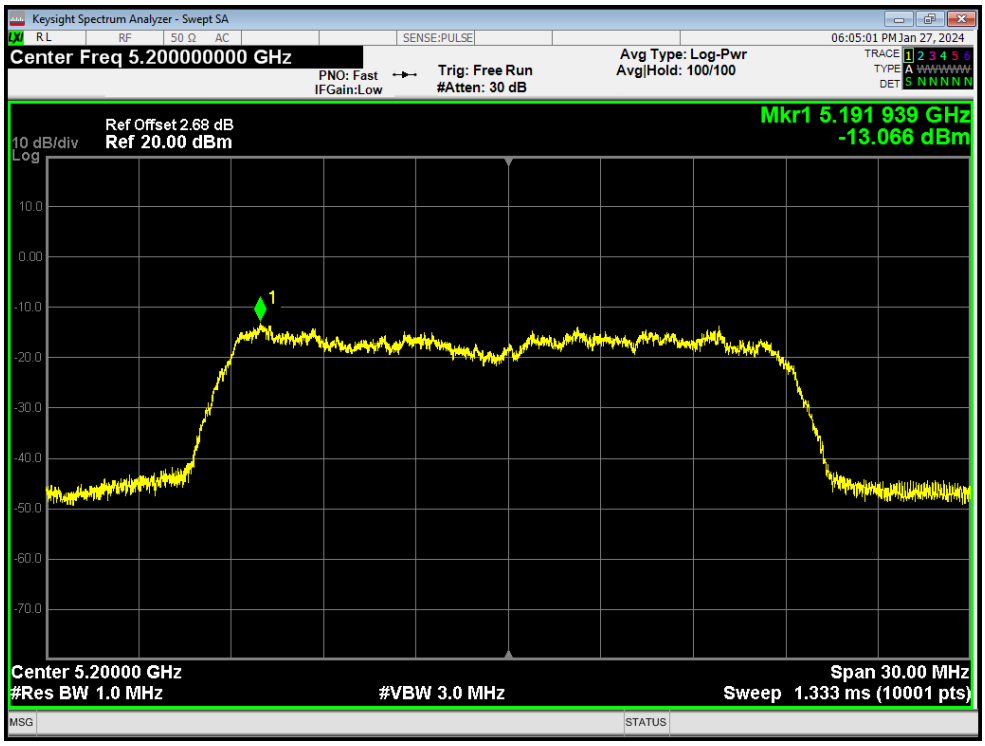
PSD NVNT n40 5190MHz Ant1



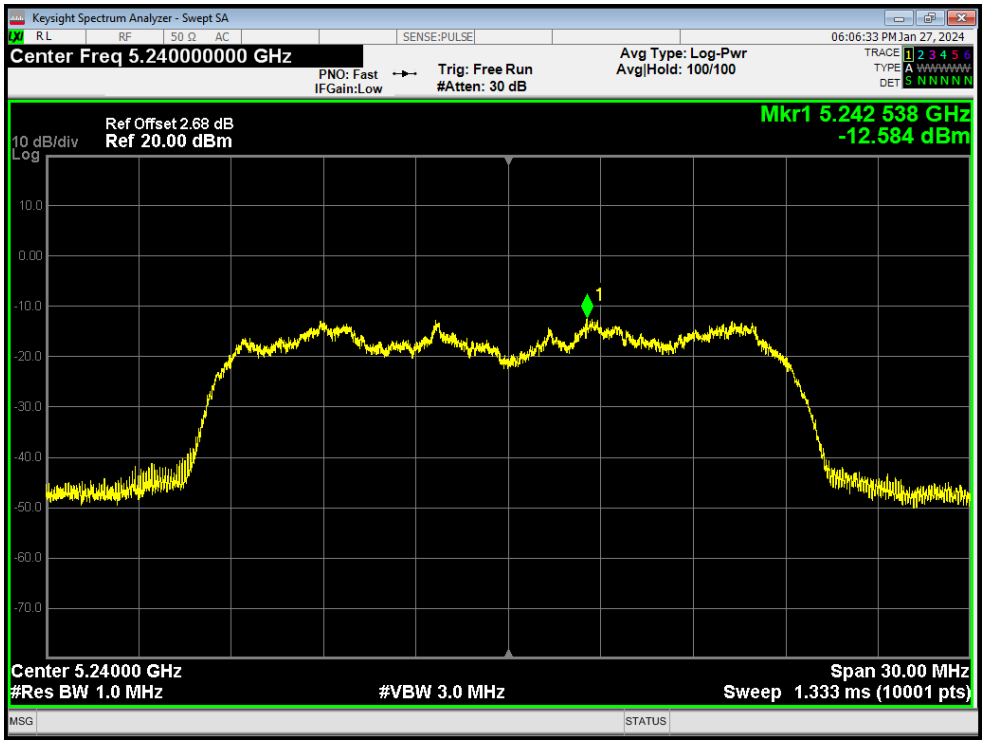
PSD NVNT n40 5230MHz Ant1



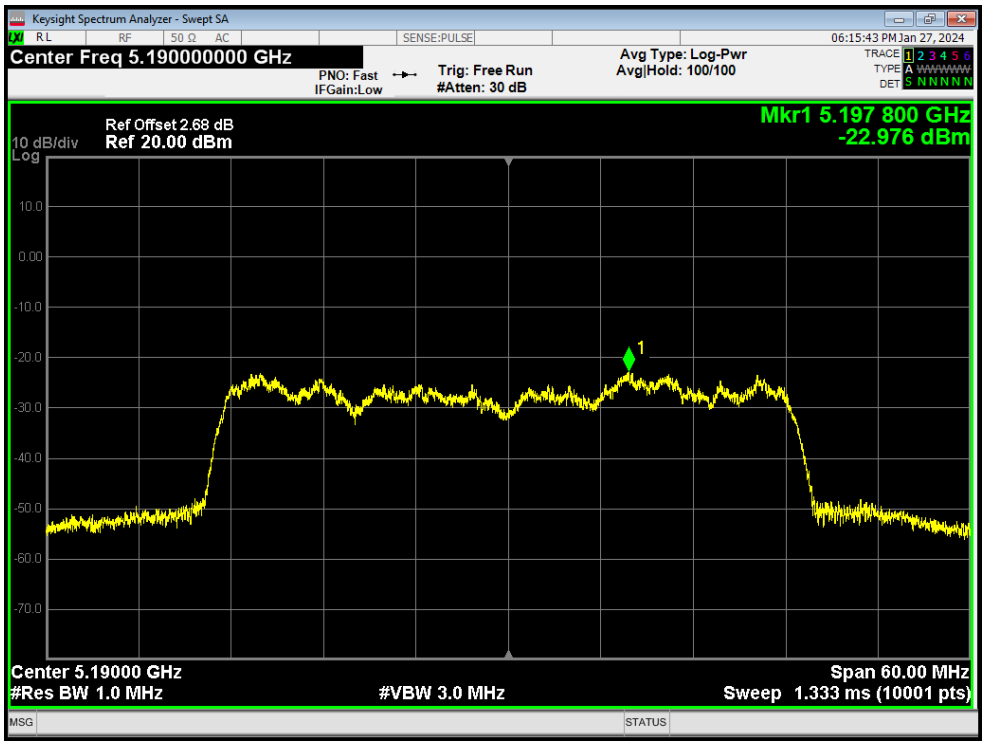
PSD NVNT ac20 5180MHz Ant1



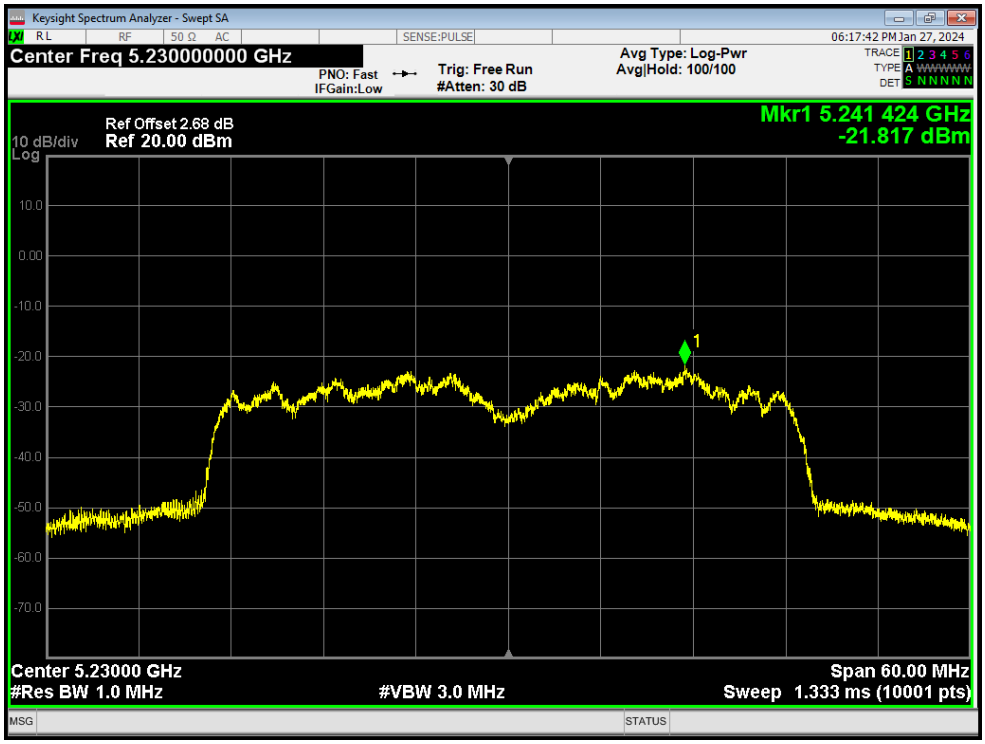
PSD NVNT ac20 5200MHz Ant1



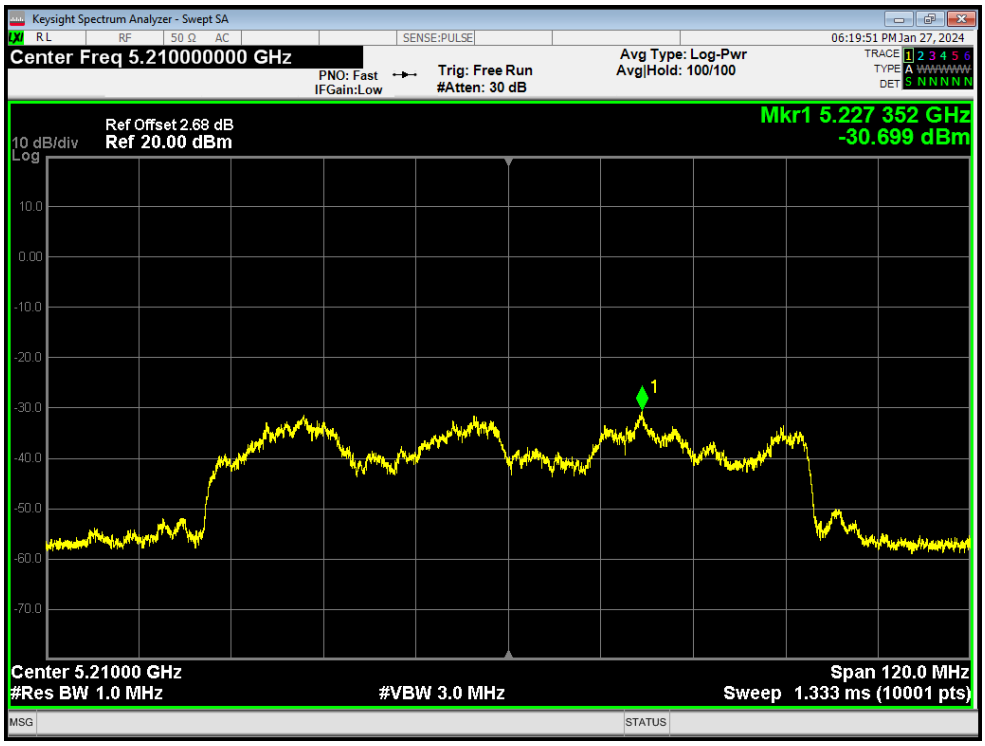
PSD NVNT ac20 5240MHz Ant1



PSD NVNT ac40 5190MHz Ant1



PSD NVNT ac40 5230MHz Ant1



PSD NVNT ac80 5210MHz Ant1