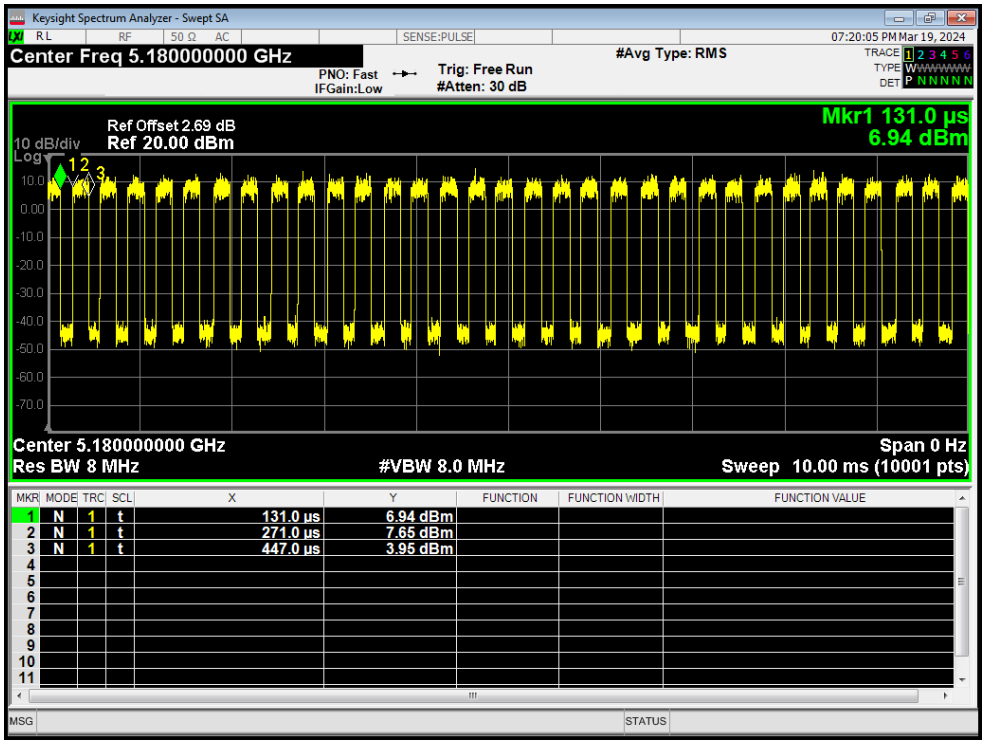
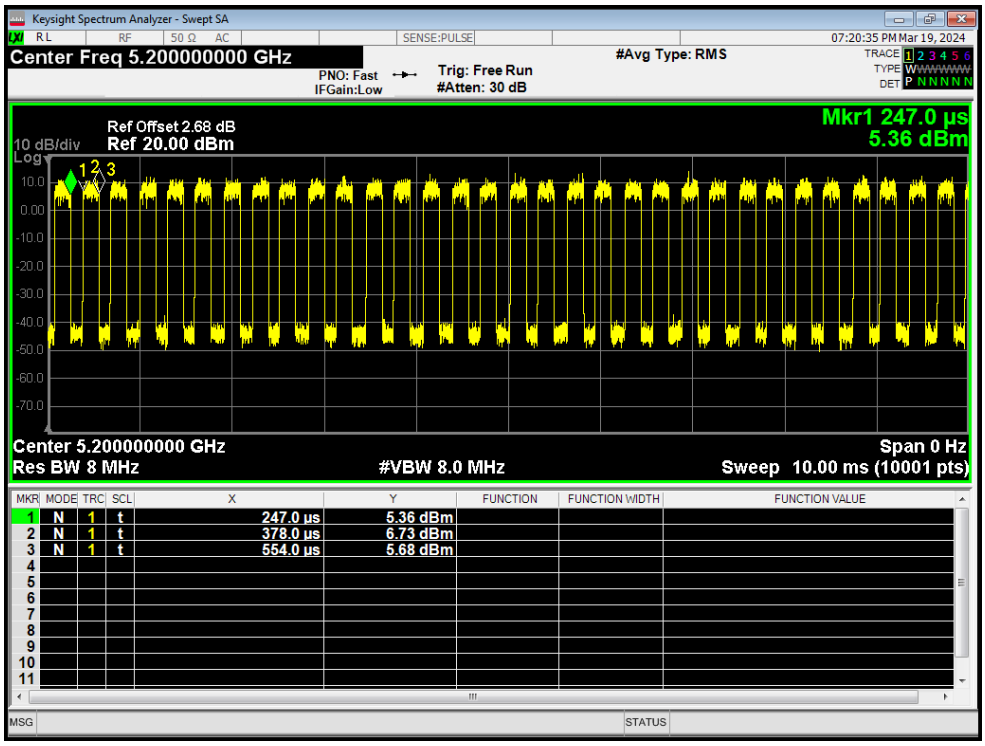
1. Duty Cycle

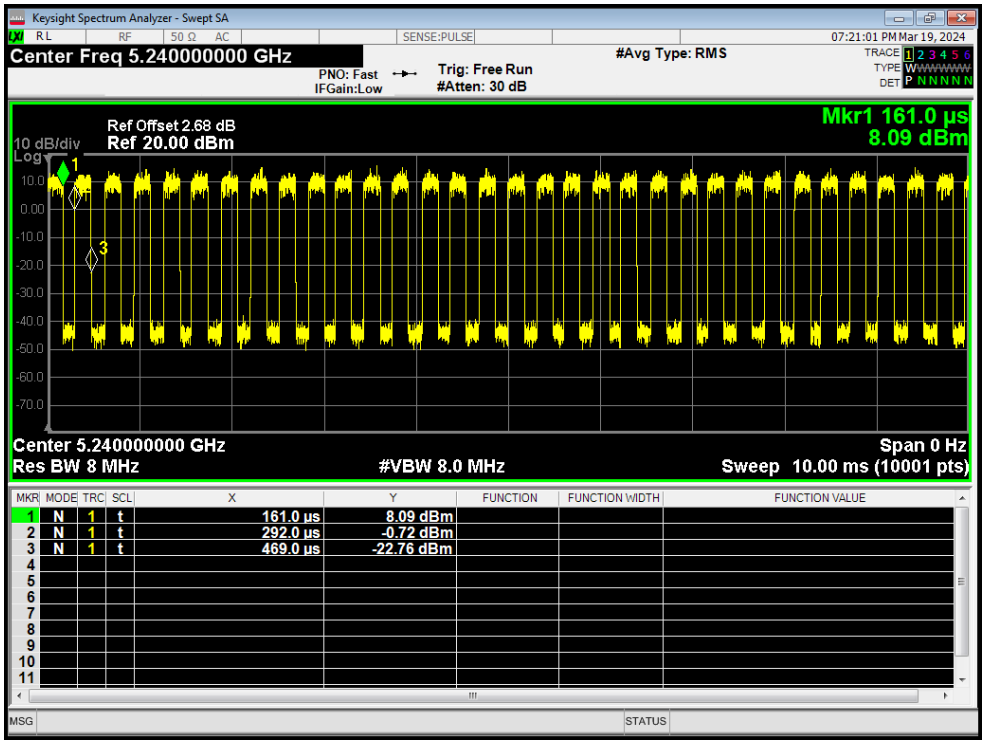
Condition	Mode	Frequency (MHz)	Antenna	Duty Cycle (%)	Correction Factor (dB)	1/T (kHz)
NVNT	a	5180	Ant1	55.7	2.54	5.68
NVNT	a	5200	Ant1	57.33	2.42	5.68
NVNT	a	5240	Ant1	57.47	2.41	5.65
NVNT	n20	5180	Ant1	81.68	0.88	1.84
NVNT	n20	5200	Ant1	81.59	0.88	1.83
NVNT	n20	5240	Ant1	82.8	0.82	1.84
NVNT	n40	5190	Ant1	71.76	1.44	3.55
NVNT	n40	5230	Ant1	70.89	1.49	3.57
NVNT	ac20	5180	Ant1	78.81	1.03	2.15
NVNT	ac20	5200	Ant1	81.12	0.91	2.16
NVNT	ac20	5240	Ant1	82.42	0.84	2.16
NVNT	ac40	5190	Ant1	68.82	1.62	4.27
NVNT	ac40	5230	Ant1	67.05	1.74	4.27
NVNT	ac80	5210	Ant1	48.51	3.14	7.69



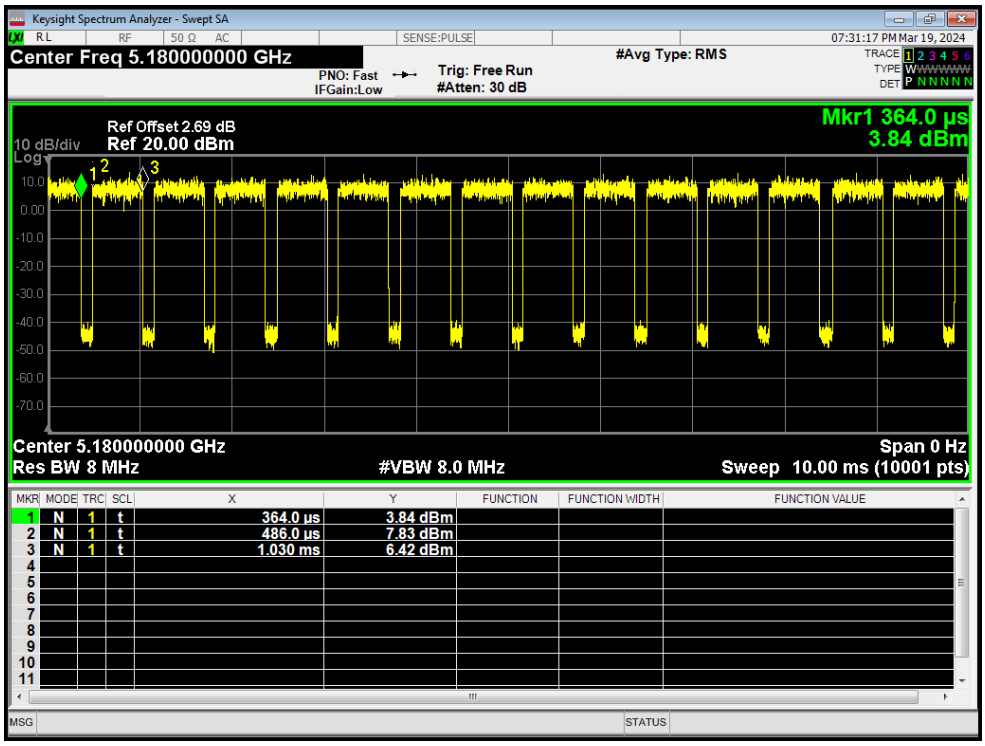
Duty Cycle NVNT a 5180MHz Ant1



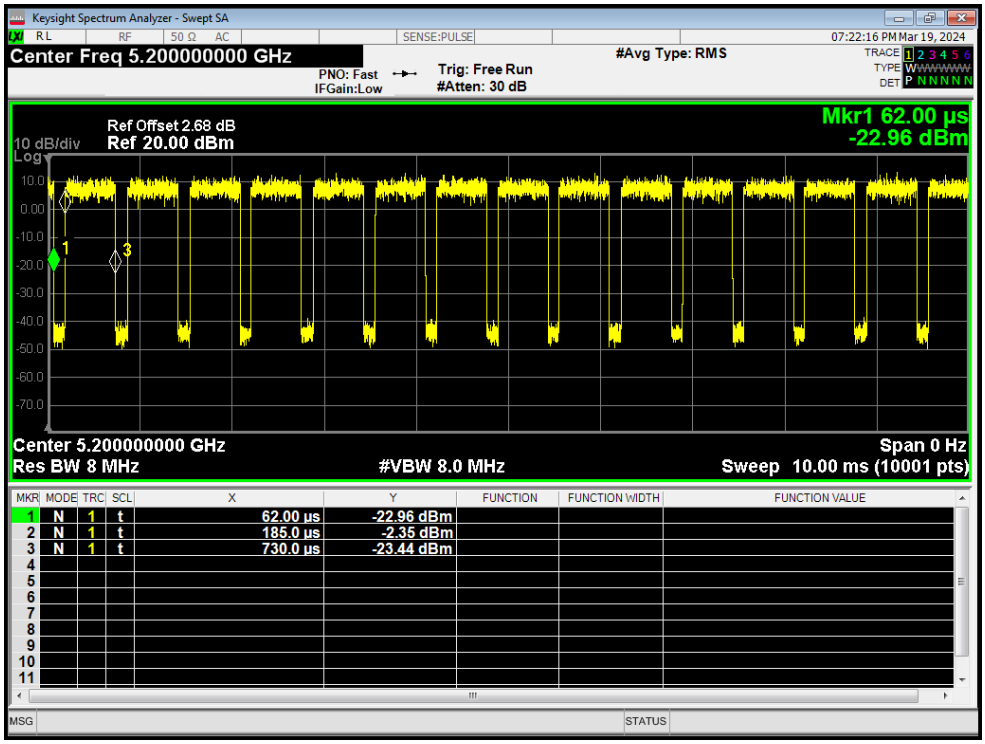
Duty Cycle NVNT a 5200MHz Ant1



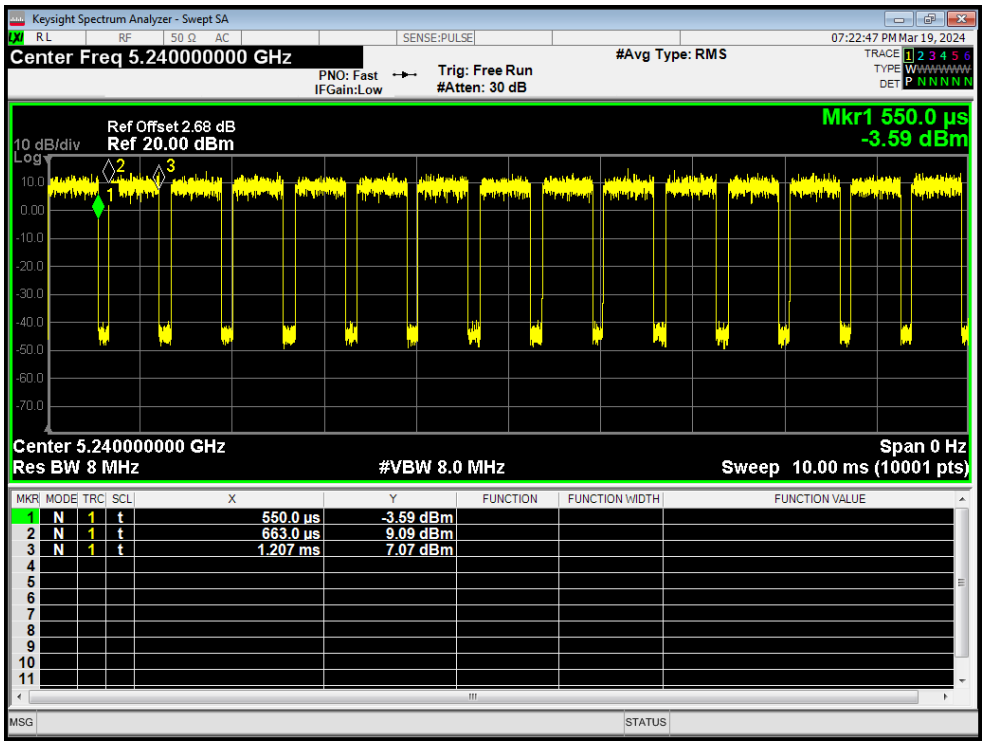
Duty Cycle NVNT a 5240MHz Ant1



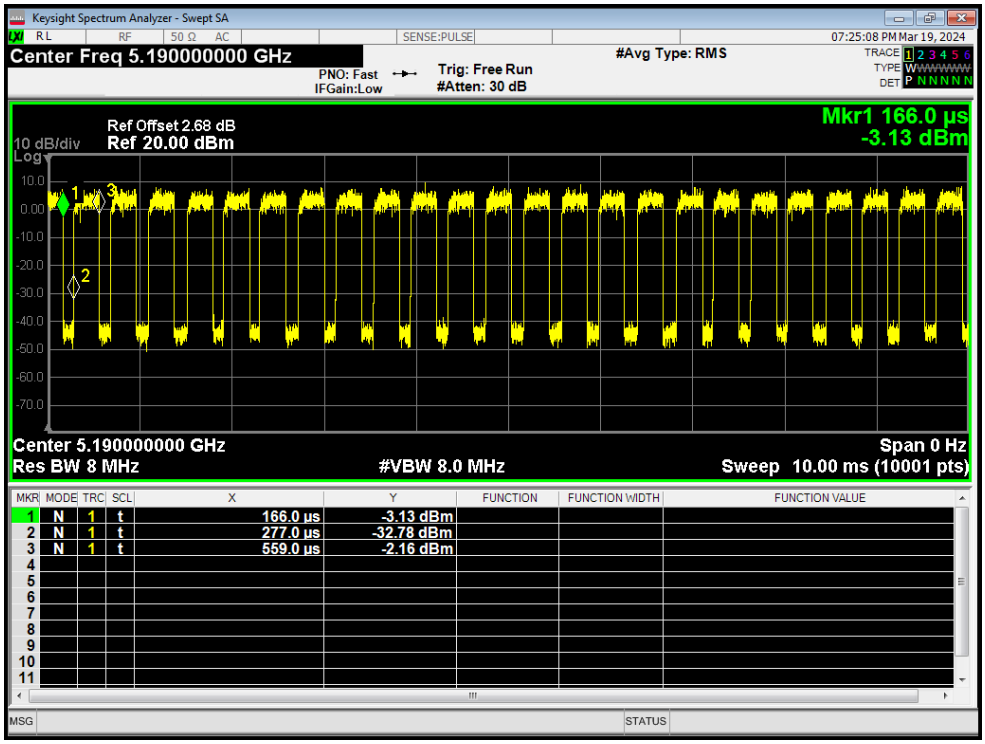
Duty Cycle NVNT n20 5180MHz Ant1



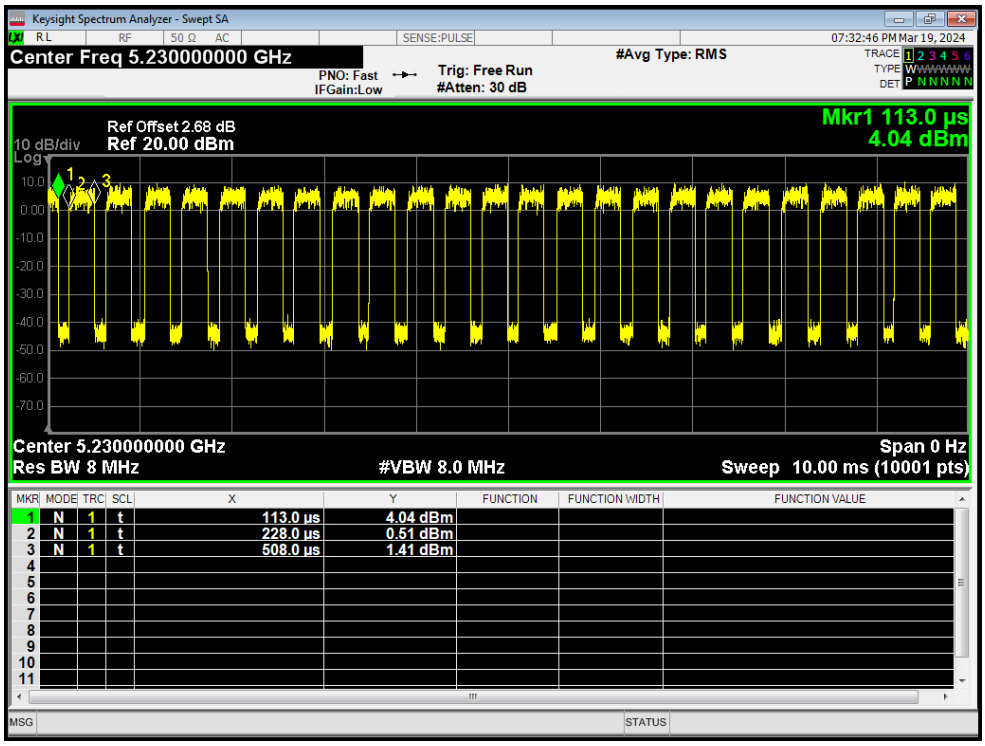
Duty Cycle NVNT n20 5200MHz Ant1



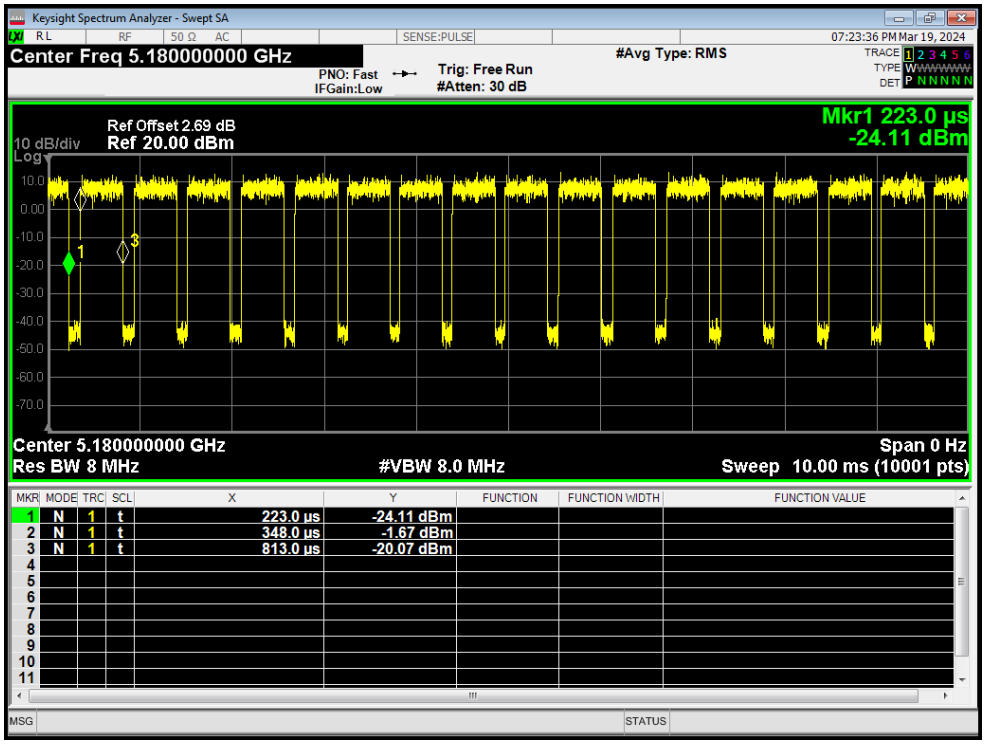
Duty Cycle NVNT n20 5240MHz Ant1



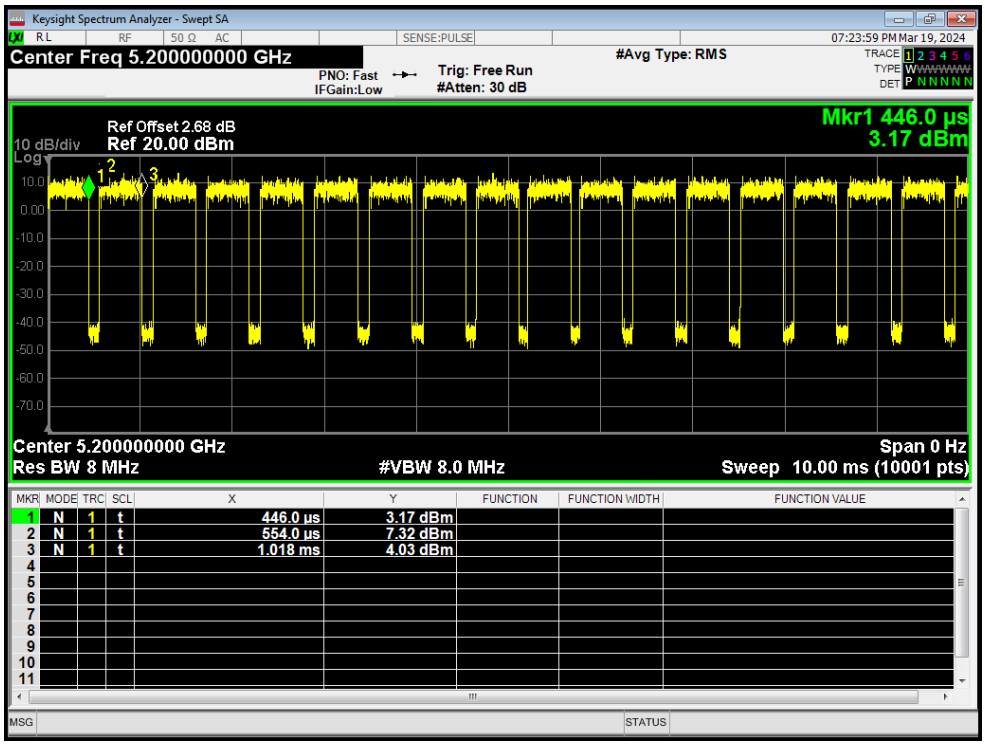
Duty Cycle NVNT n40 5190MHz Ant1



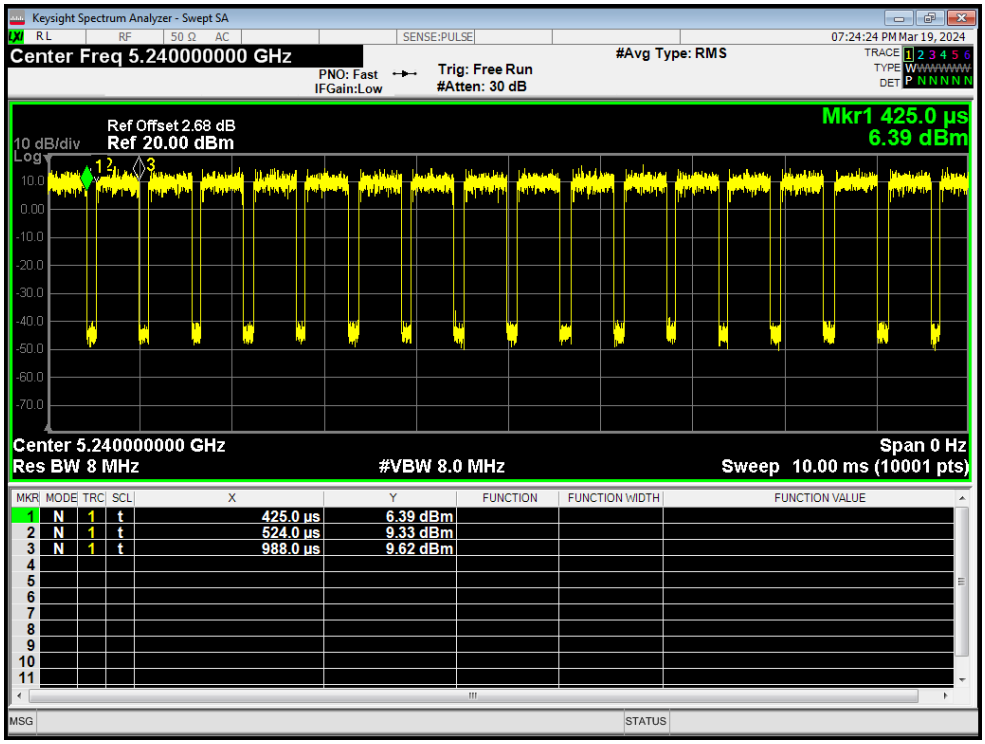
Duty Cycle NVNT n40 5230MHz Ant1



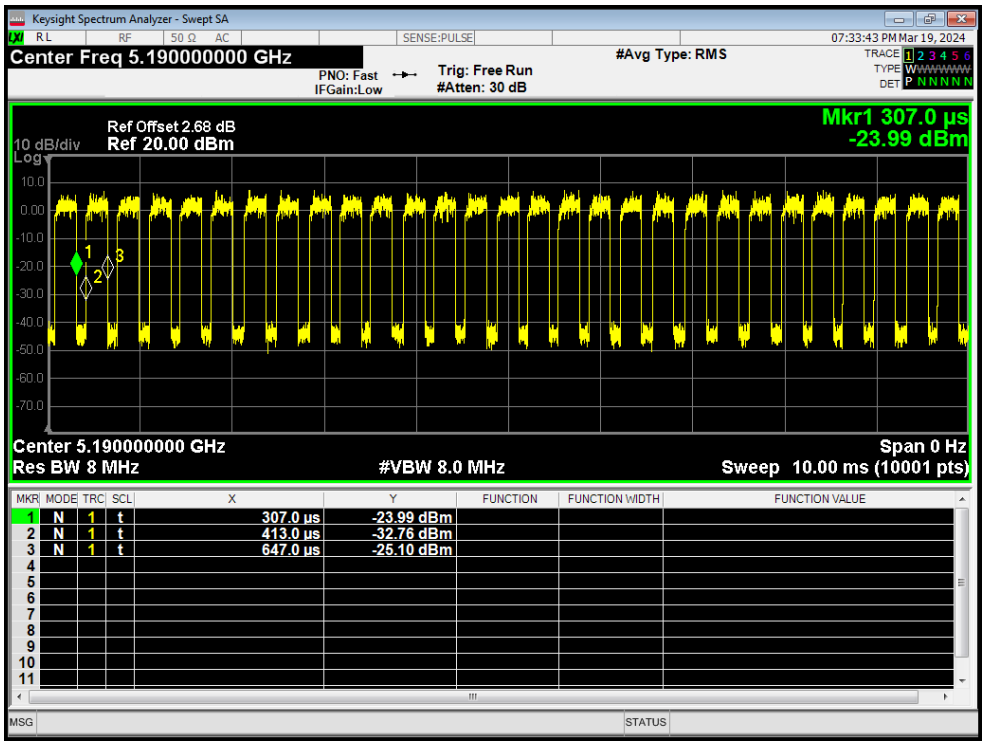
Duty Cycle NVNT ac20 5180MHz Ant1



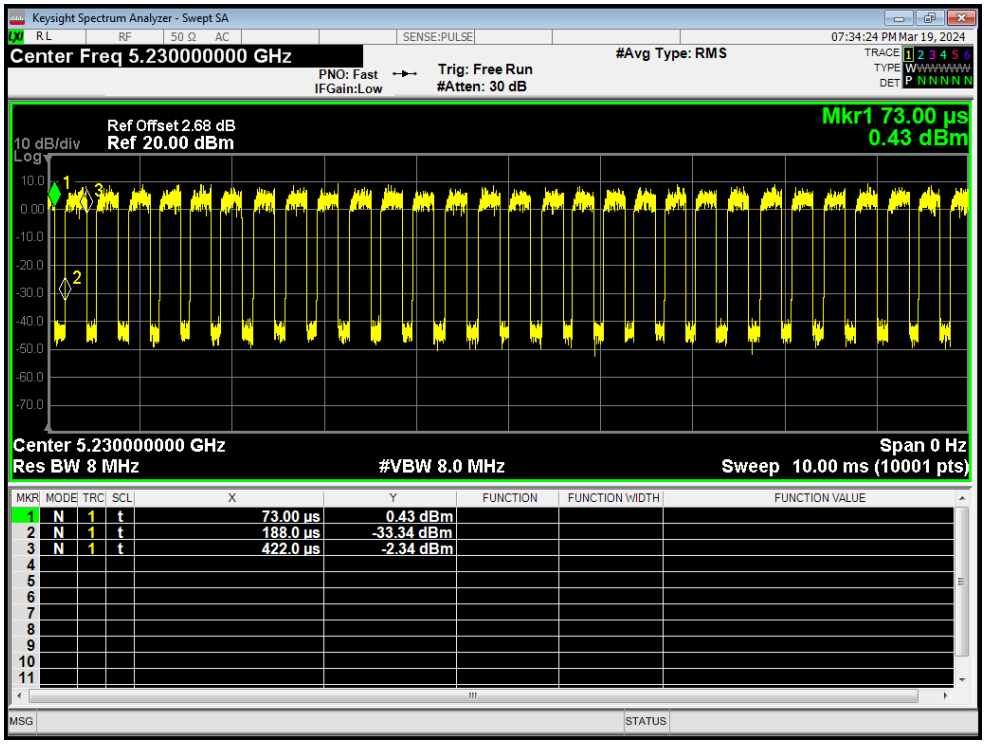
Duty Cycle NVNT ac20 5200MHz Ant1



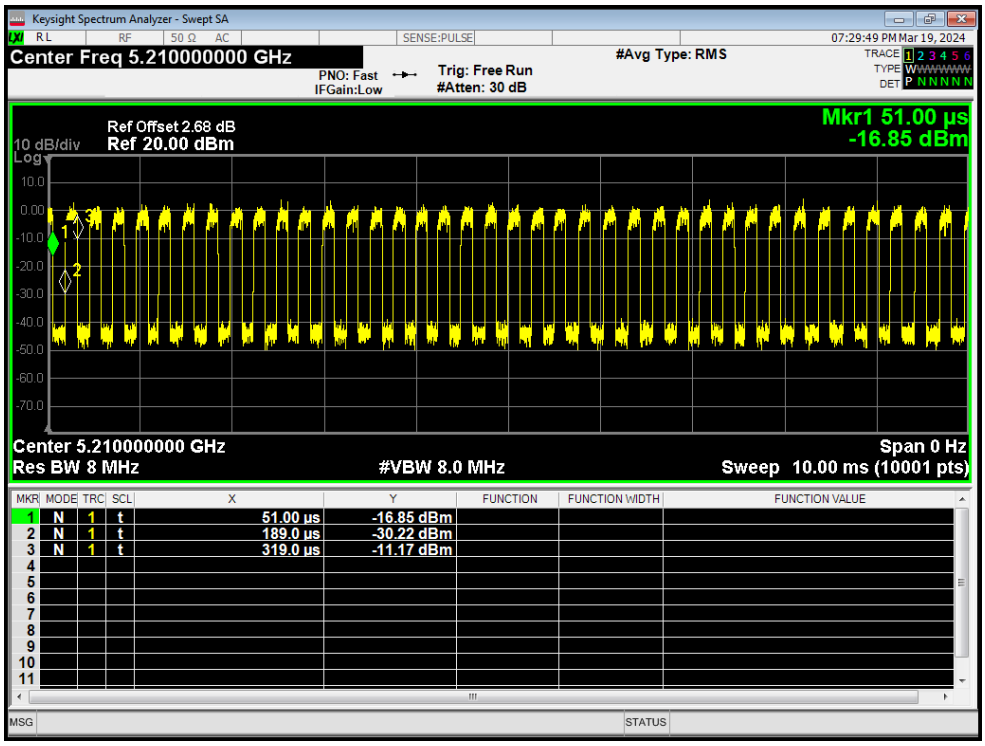
Duty Cycle NVNT ac20 5240MHz Ant1



Duty Cycle NVNT ac40 5190MHz Ant1



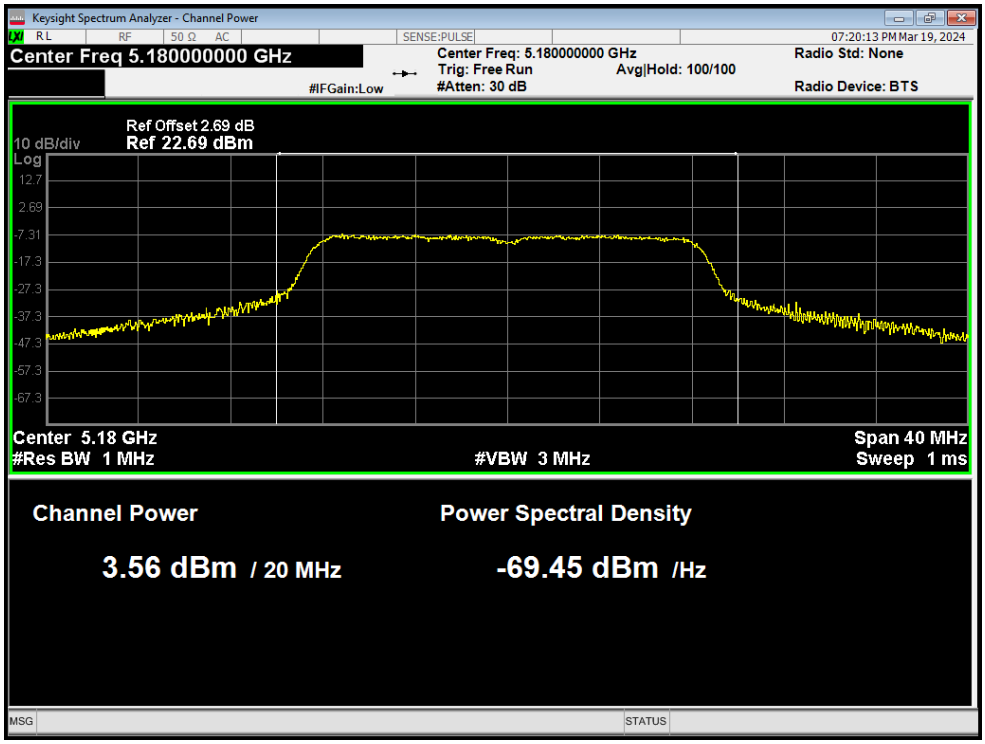
Duty Cycle NVNT ac40 5230MHz Ant1



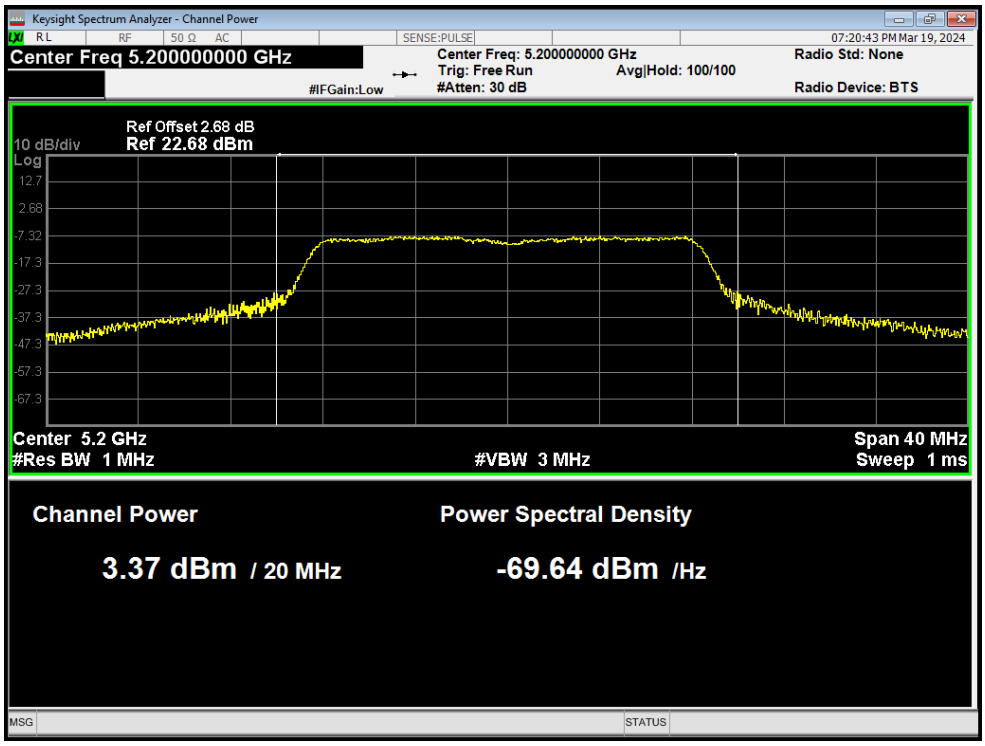
Duty Cycle NVNT ac80 5210MHz Ant1

2. Maximum Conducted Output Power

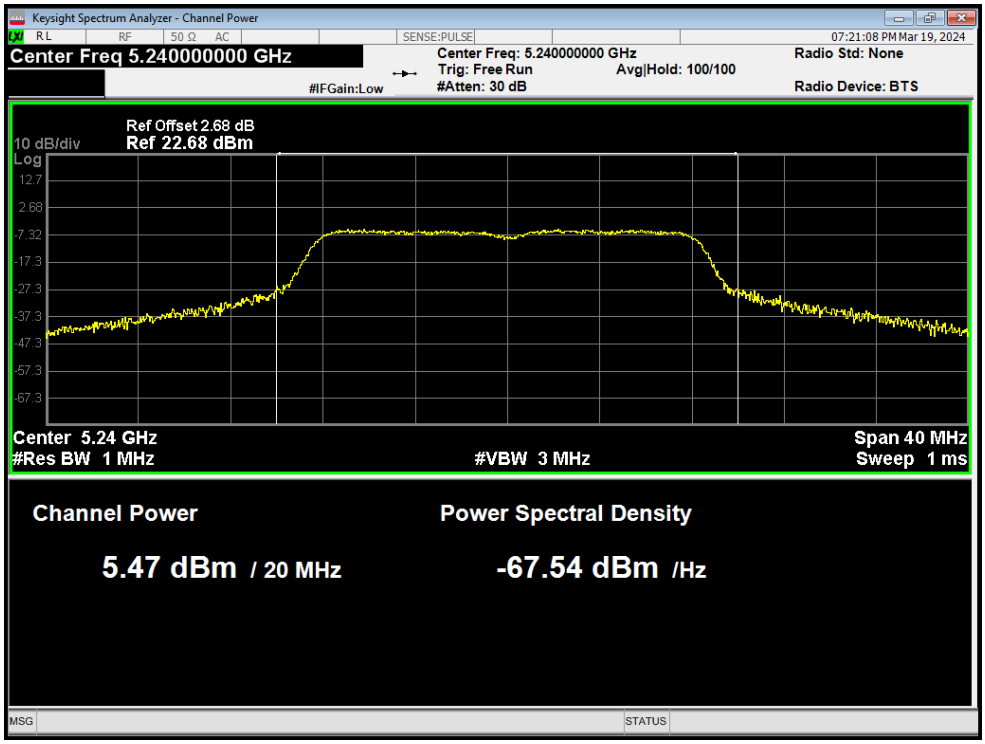
Condition	Mode	Frequency (MHz)	Antenna	Conducted Power (dBm)	Duty Factor (dB)	Total Power (dBm)	Limit (dBm)	Verdict
NVNT	a	5180	Ant1	3.56	2.54	6.1	24	Pass
NVNT	a	5200	Ant1	3.37	2.42	5.79	24	Pass
NVNT	a	5240	Ant1	5.47	2.41	7.88	24	Pass
NVNT	n20	5180	Ant1	5.19	0.88	6.07	24	Pass
NVNT	n20	5200	Ant1	5.25	0.88	6.13	24	Pass
NVNT	n20	5240	Ant1	6.53	0.82	7.35	24	Pass
NVNT	n40	5190	Ant1	4.45	1.44	5.89	24	Pass
NVNT	n40	5230	Ant1	5.81	1.49	7.3	24	Pass
NVNT	ac20	5180	Ant1	5.31	1.03	6.34	24	Pass
NVNT	ac20	5200	Ant1	5.3	0.91	6.21	24	Pass
NVNT	ac20	5240	Ant1	7.2	0.84	8.04	24	Pass
NVNT	ac40	5190	Ant1	2.99	1.62	4.61	24	Pass
NVNT	ac40	5230	Ant1	4.14	1.74	5.88	24	Pass
NVNT	ac80	5210	Ant1	0.89	3.14	4.03	24	Pass



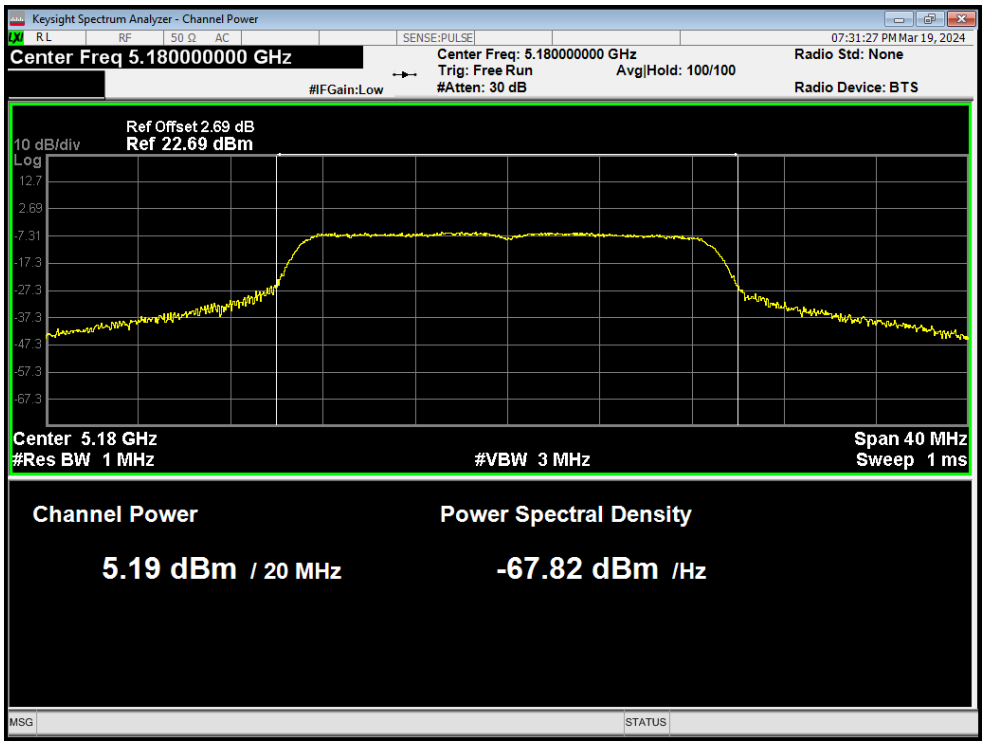
Power NVNT a 5180MHz Ant1



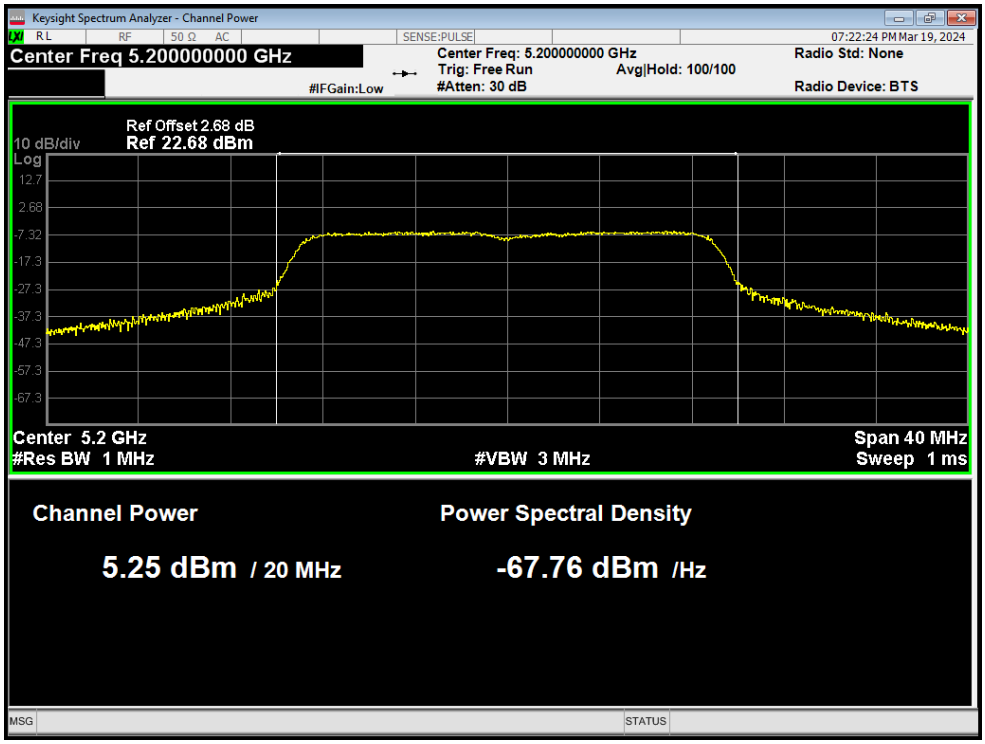
Power NVNT a 5200MHz Ant1



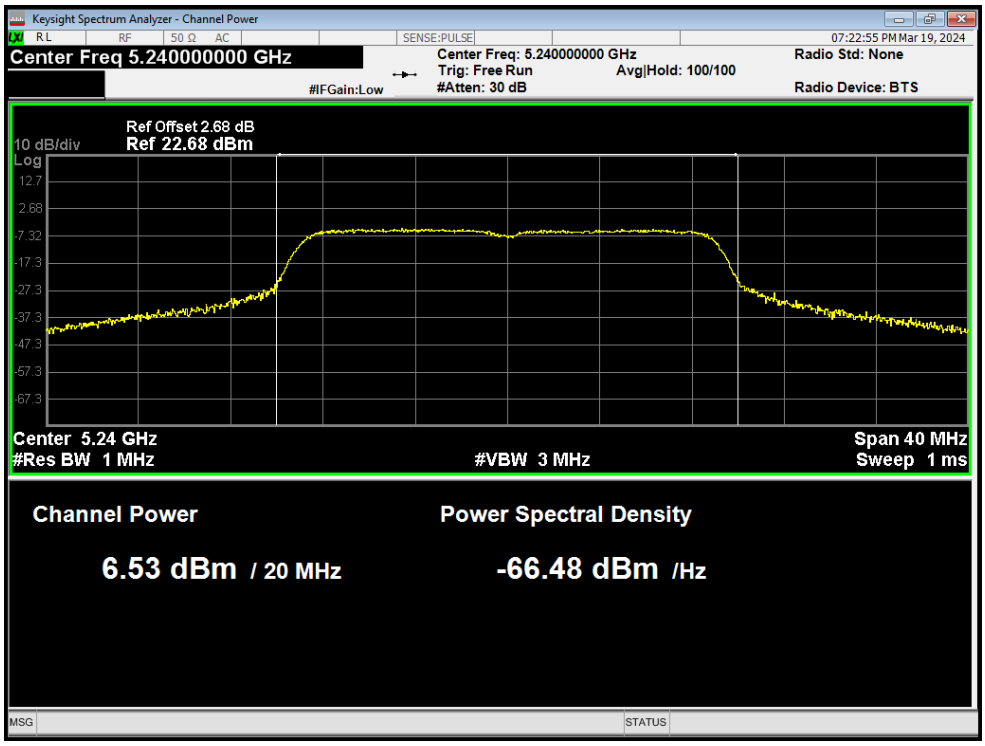
Power NVNT a 5240MHz Ant1



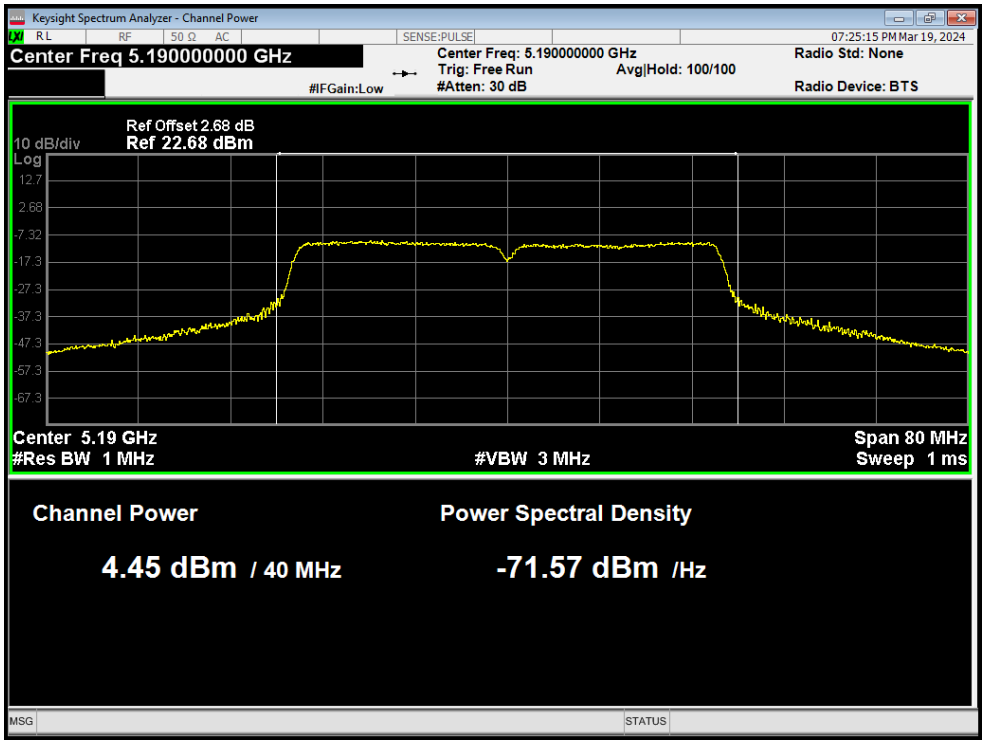
Power NVNT n20 5180MHz Ant1



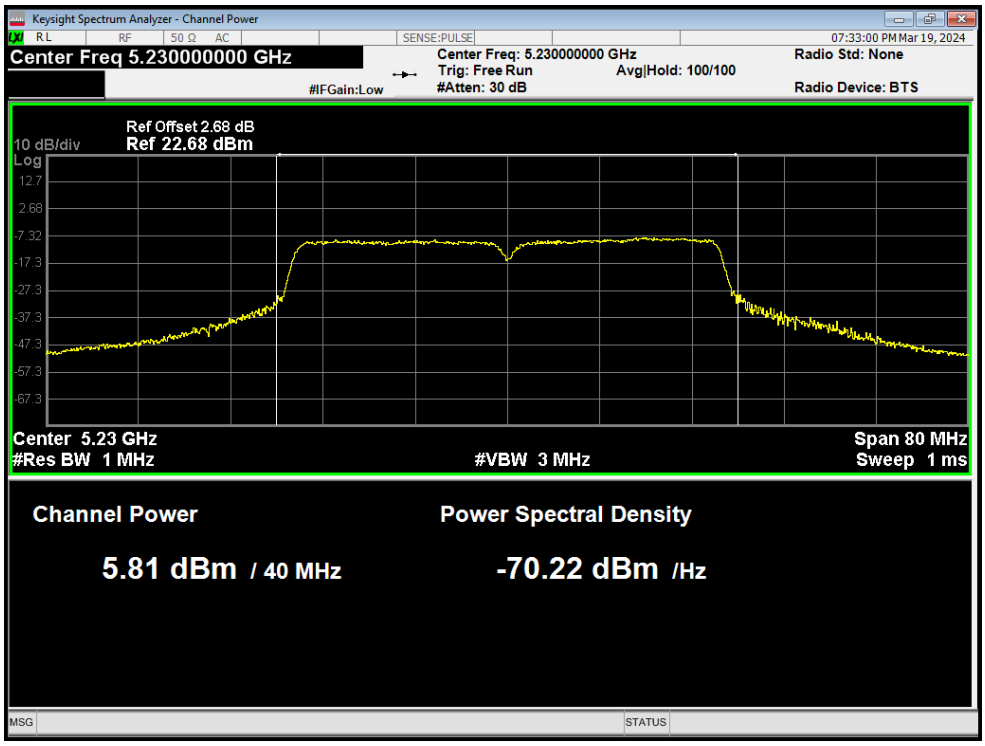
Power NVNT n20 5200MHz Ant1



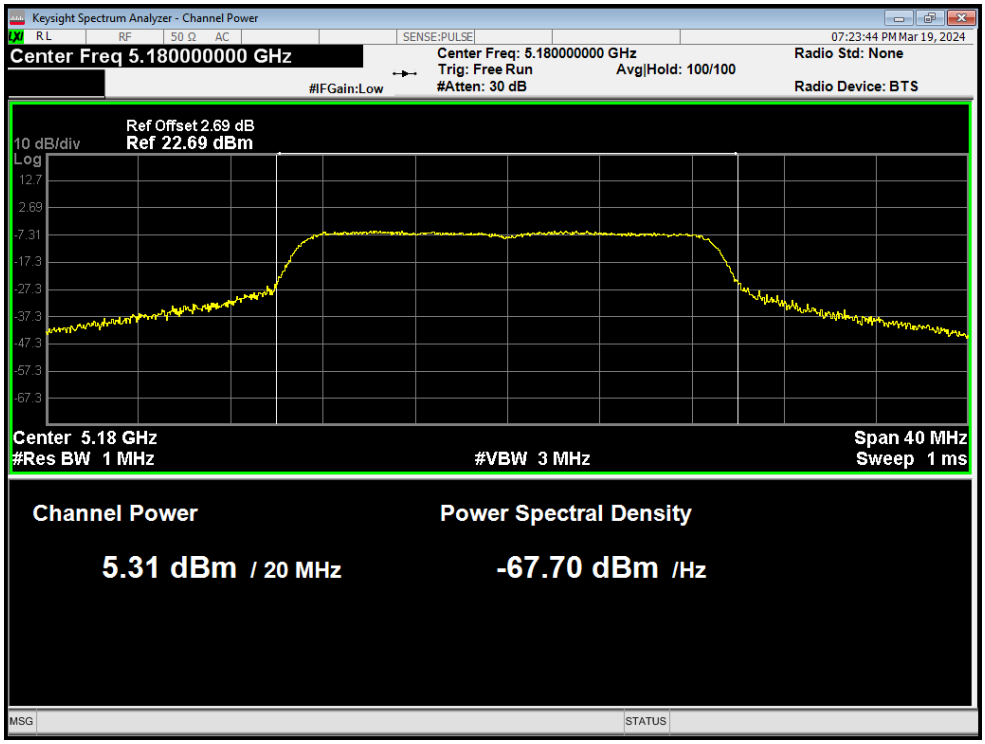
Power NVNT n20 5240MHz Ant1



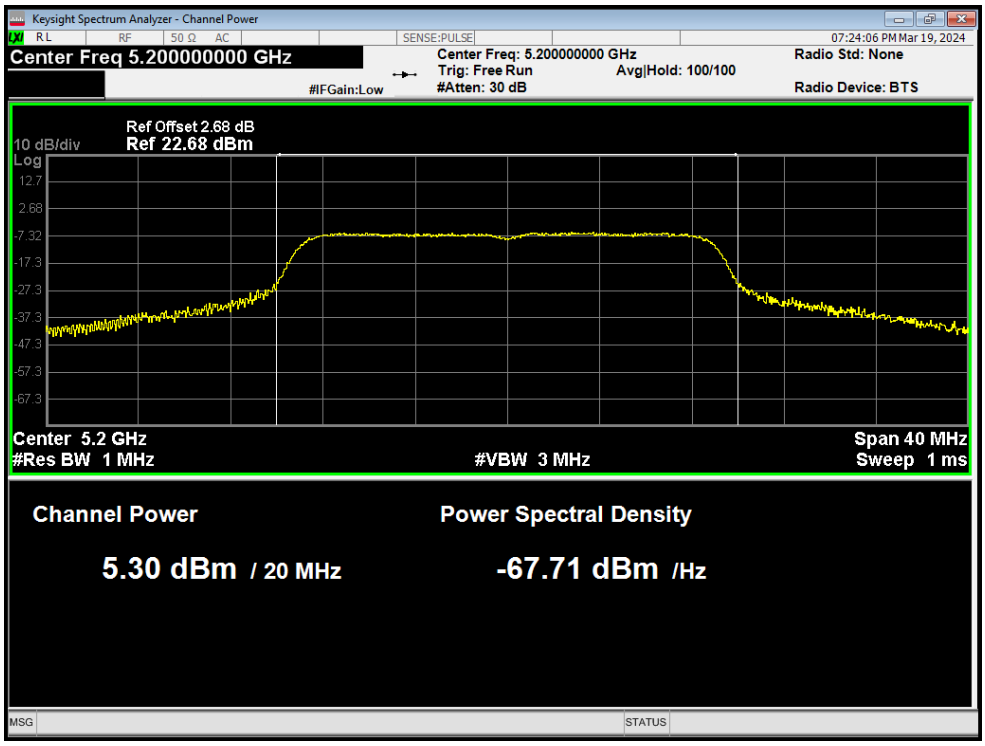
Power NVNT n40 5190MHz Ant1



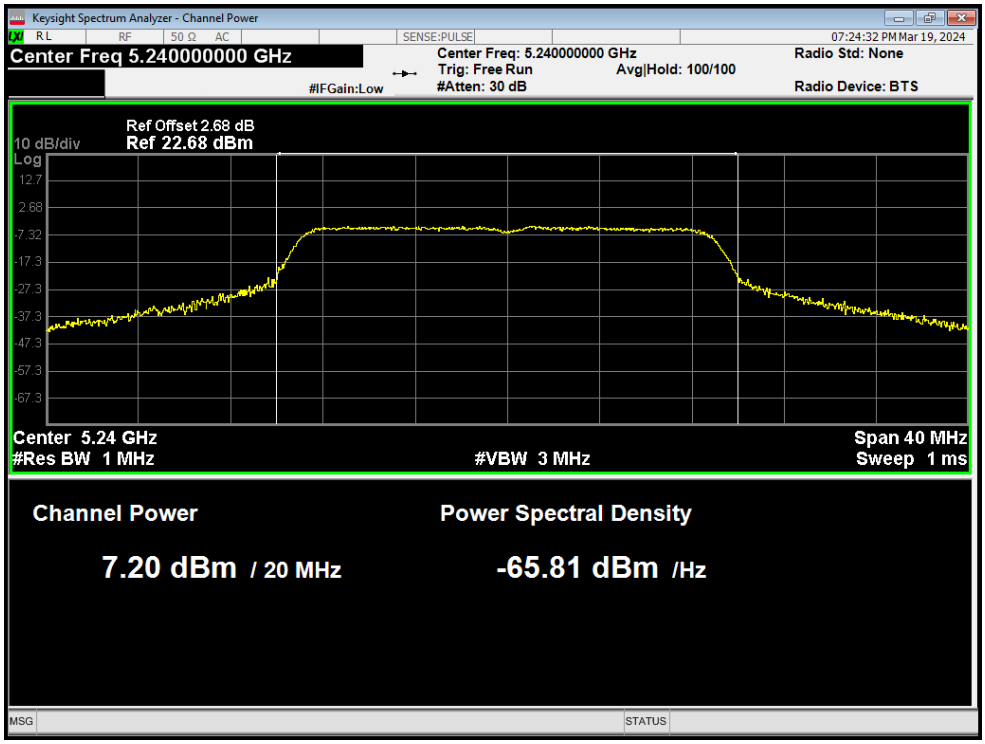
Power NVNT n40 5230MHz Ant1



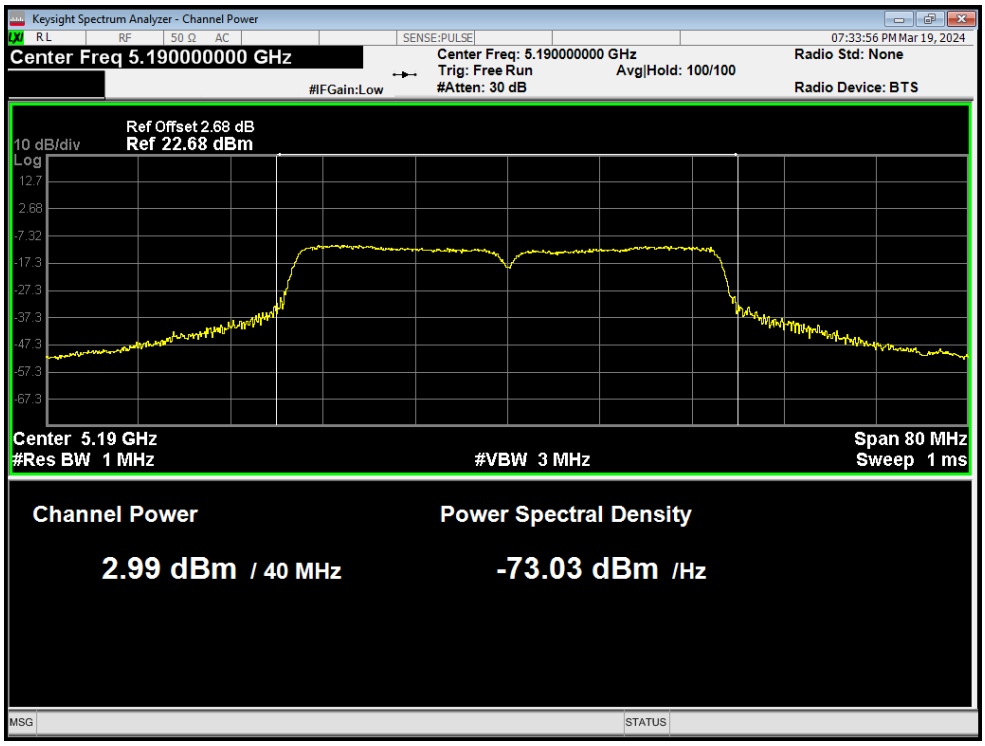
Power NVNT ac20 5180MHz Ant1



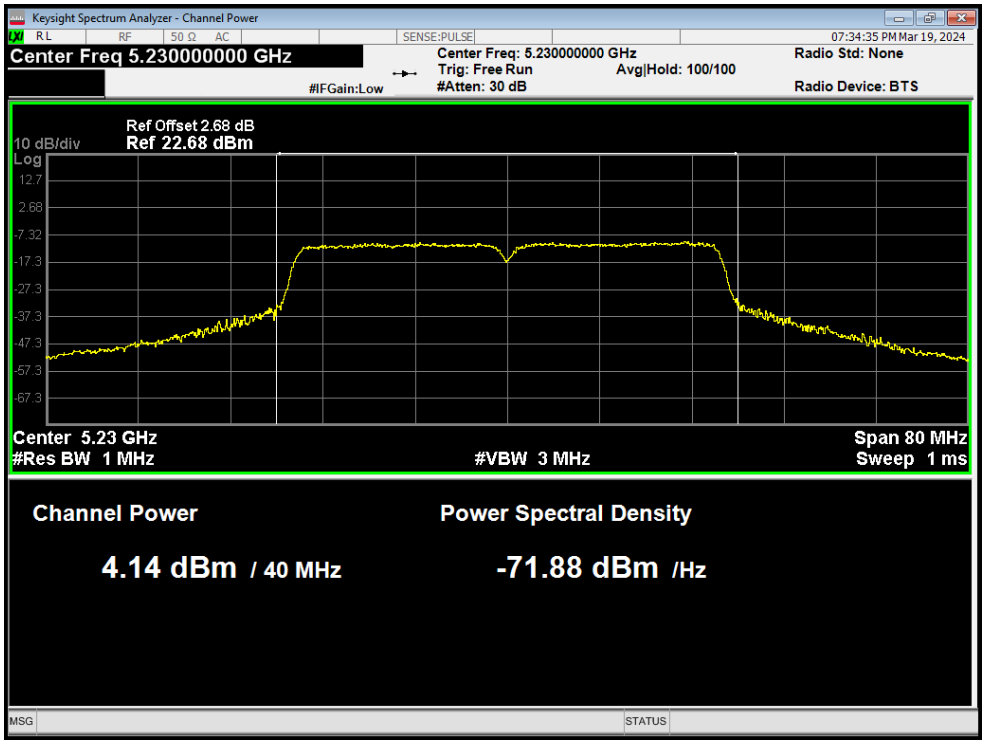
Power NVNT ac20 5200MHz Ant1



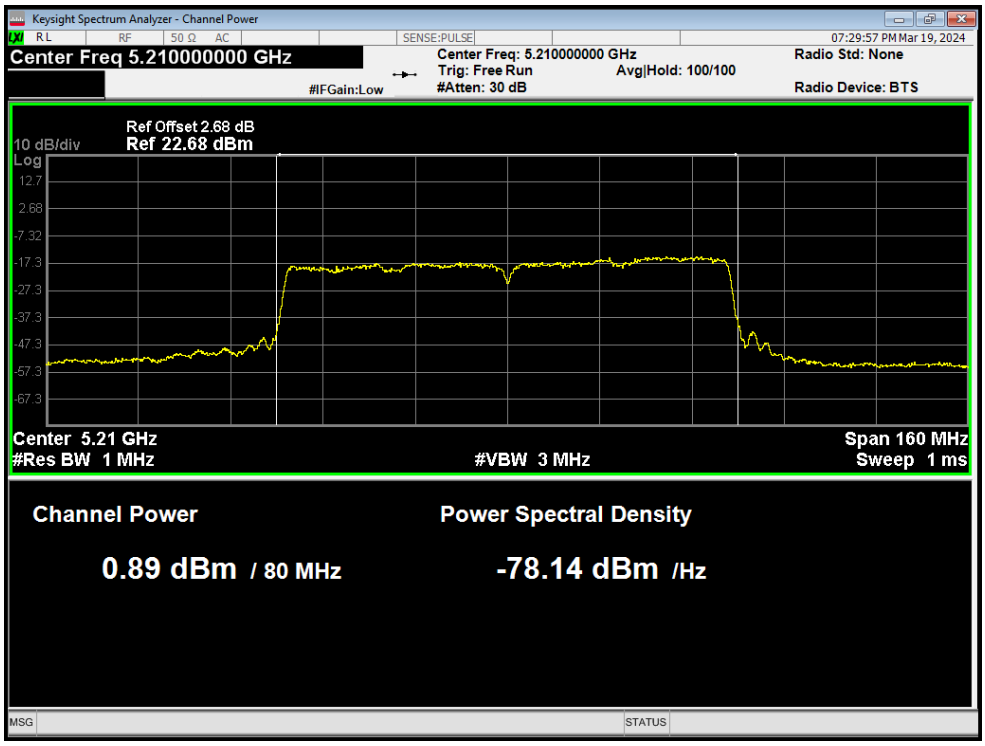
Power NVNT ac20 5240MHz Ant1



Power NVNT ac40 5190MHz Ant1



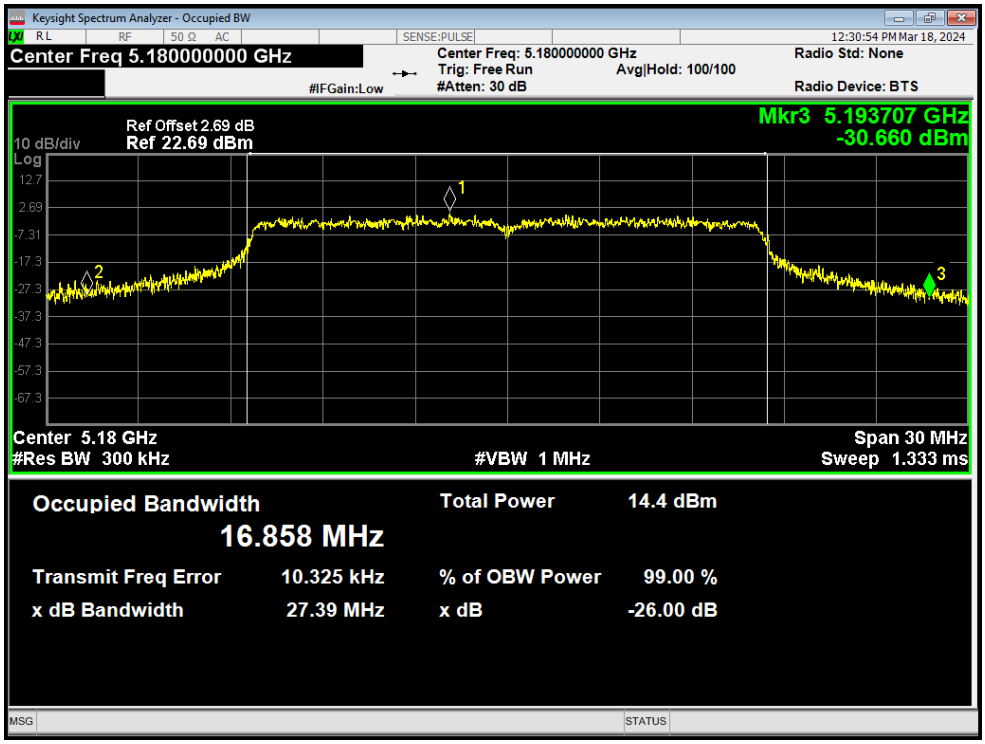
Power NVNT ac40 5230MHz Ant1



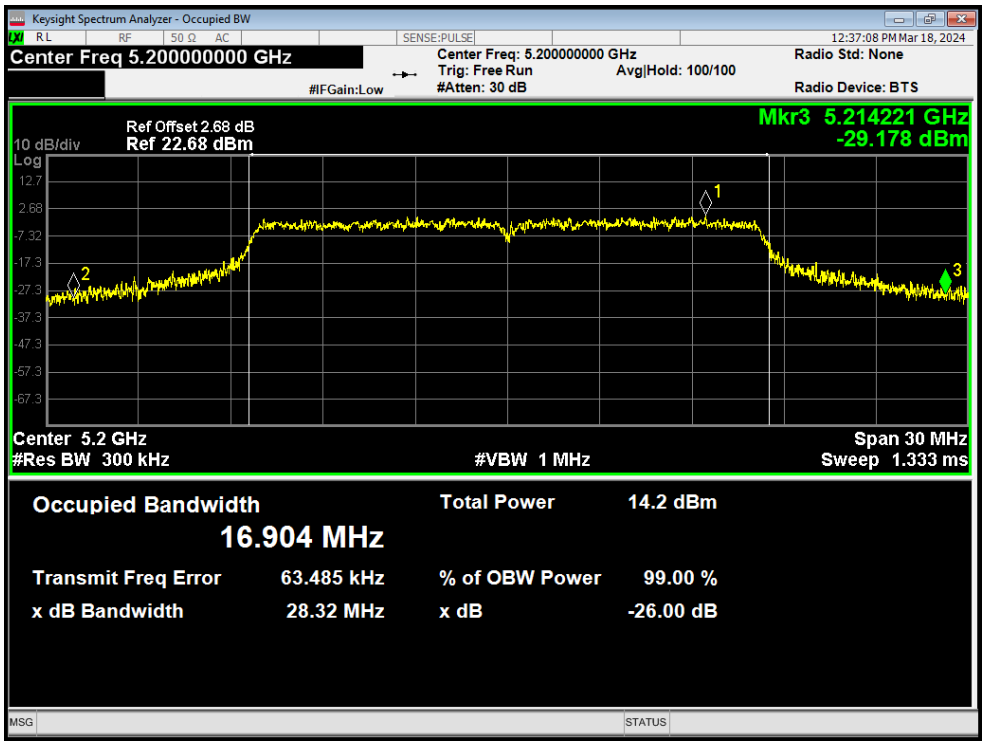
Power NVNT ac80 5210MHz Ant1

3. -26dB Bandwidth

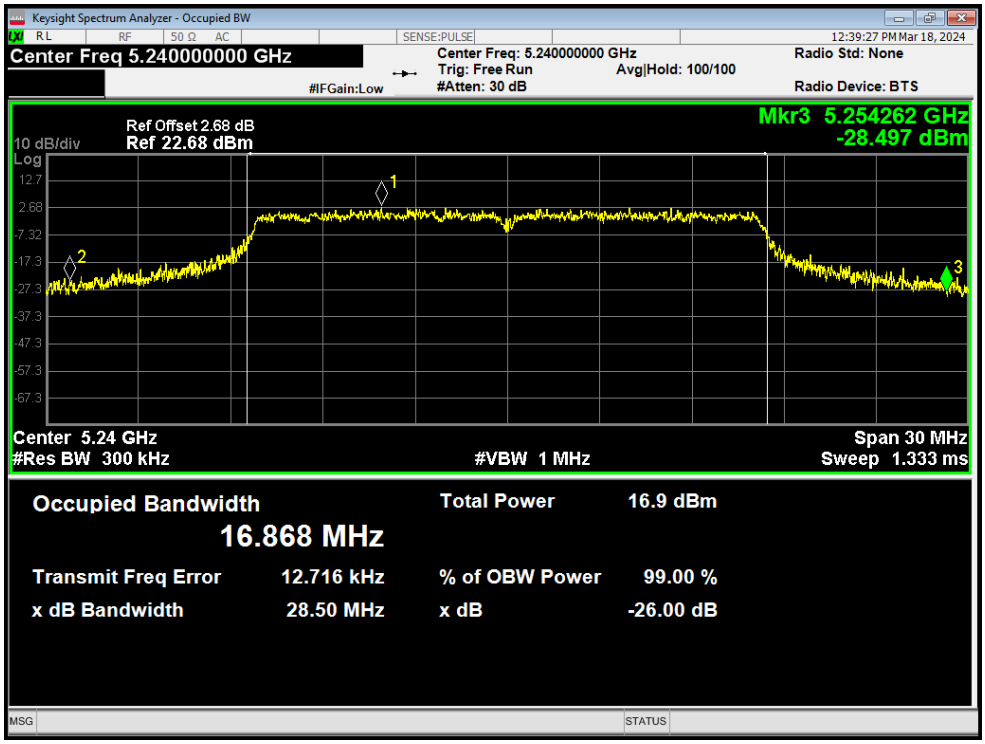
Condition	Mode	Frequency (MHz)	Antenna	-26 dB Bandwidth (MHz)	Verdict
NVNT	a	5180	Ant1	27.394	Pass
NVNT	a	5200	Ant1	28.315	Pass
NVNT	a	5240	Ant1	28.498	Pass
NVNT	n20	5180	Ant1	27.246	Pass
NVNT	n20	5200	Ant1	28.714	Pass
NVNT	n20	5240	Ant1	27.191	Pass
NVNT	n40	5190	Ant1	45.856	Pass
NVNT	n40	5230	Ant1	46.442	Pass
NVNT	ac20	5180	Ant1	27.46	Pass
NVNT	ac20	5200	Ant1	28.033	Pass
NVNT	ac20	5240	Ant1	26.646	Pass
NVNT	ac40	5190	Ant1	48.678	Pass
NVNT	ac40	5230	Ant1	46.701	Pass
NVNT	ac80	5210	Ant1	80.568	Pass



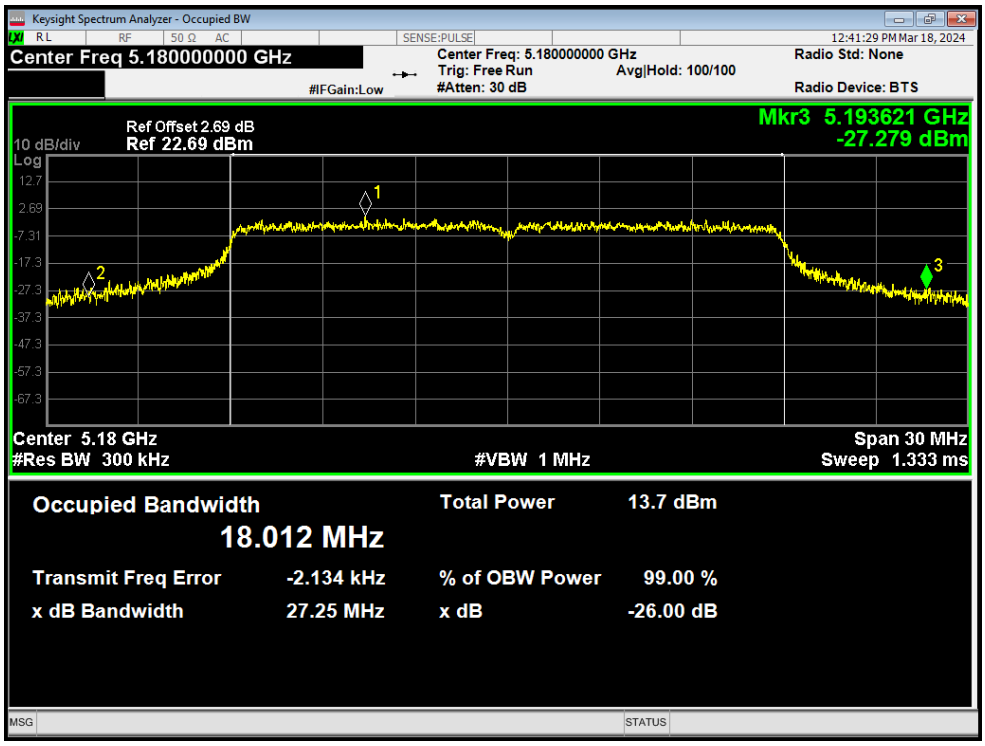
-26dB Bandwidth NVNT a 5180MHz Ant1



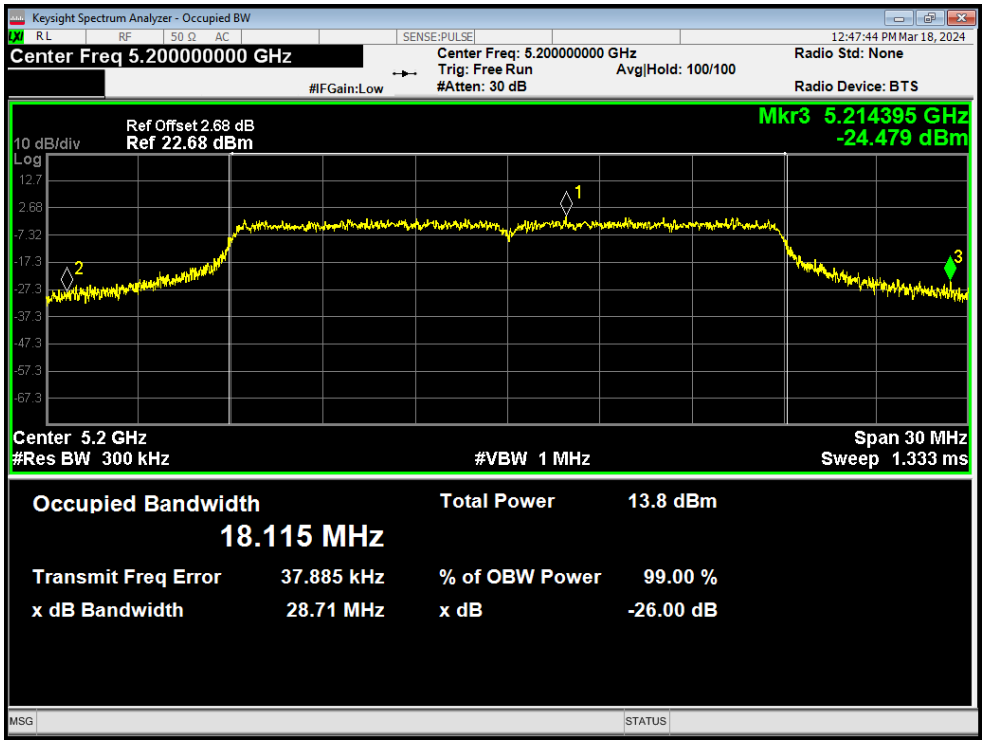
-26dB Bandwidth NVNT a 5200MHz Ant1



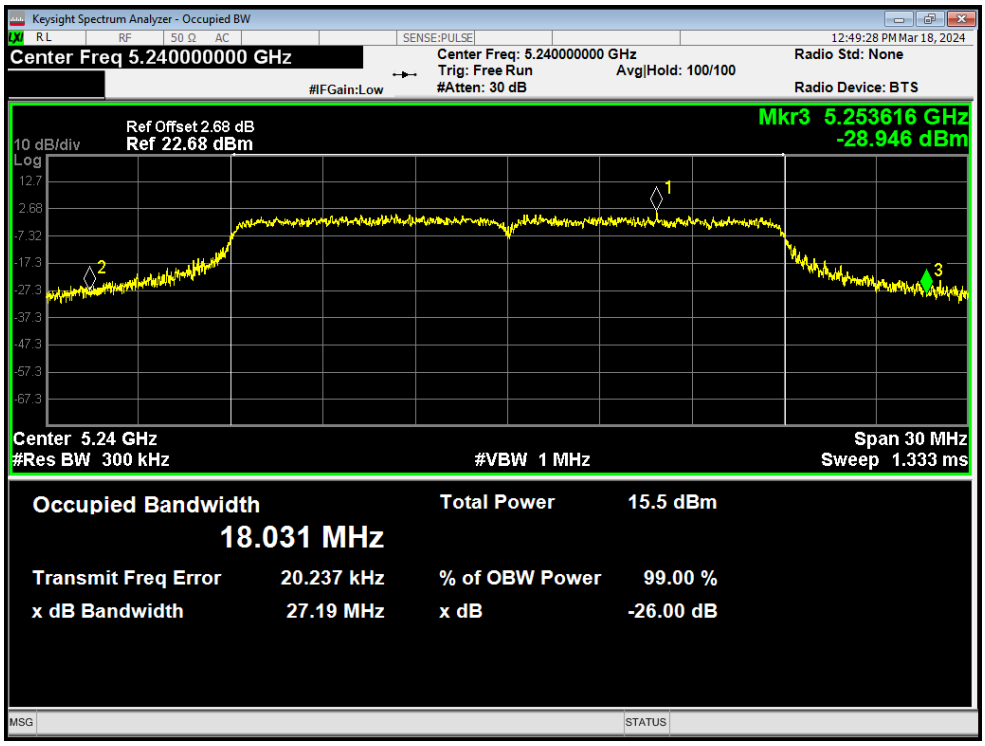
-26dB Bandwidth NVNT a 5240MHz Ant1



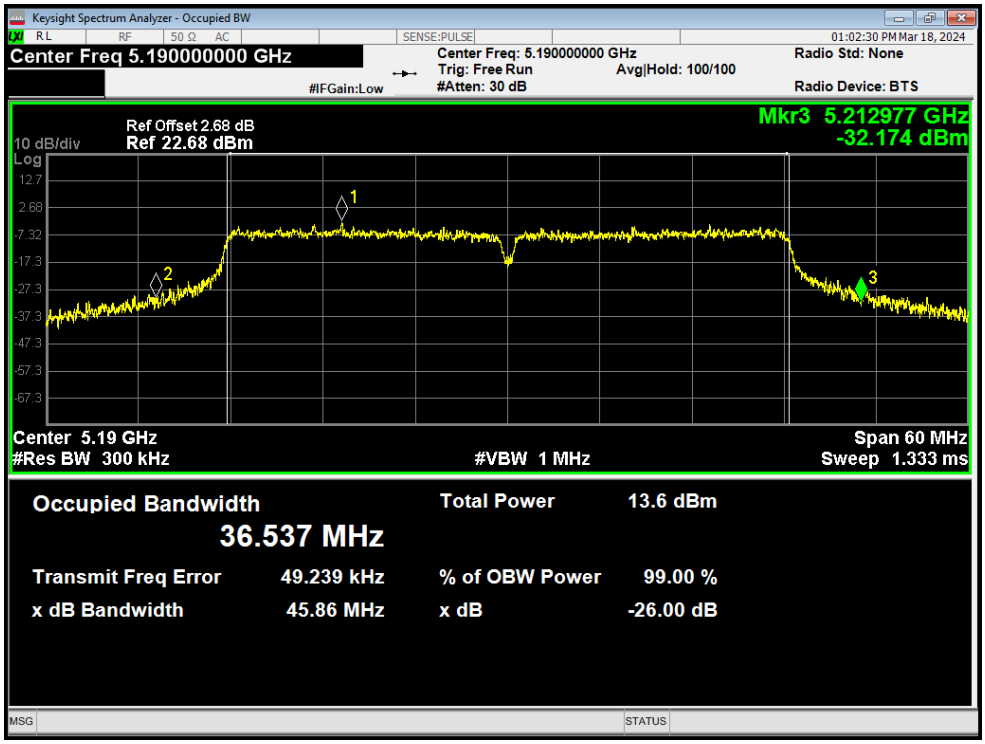
-26dB Bandwidth NVNT n20 5180MHz Ant1



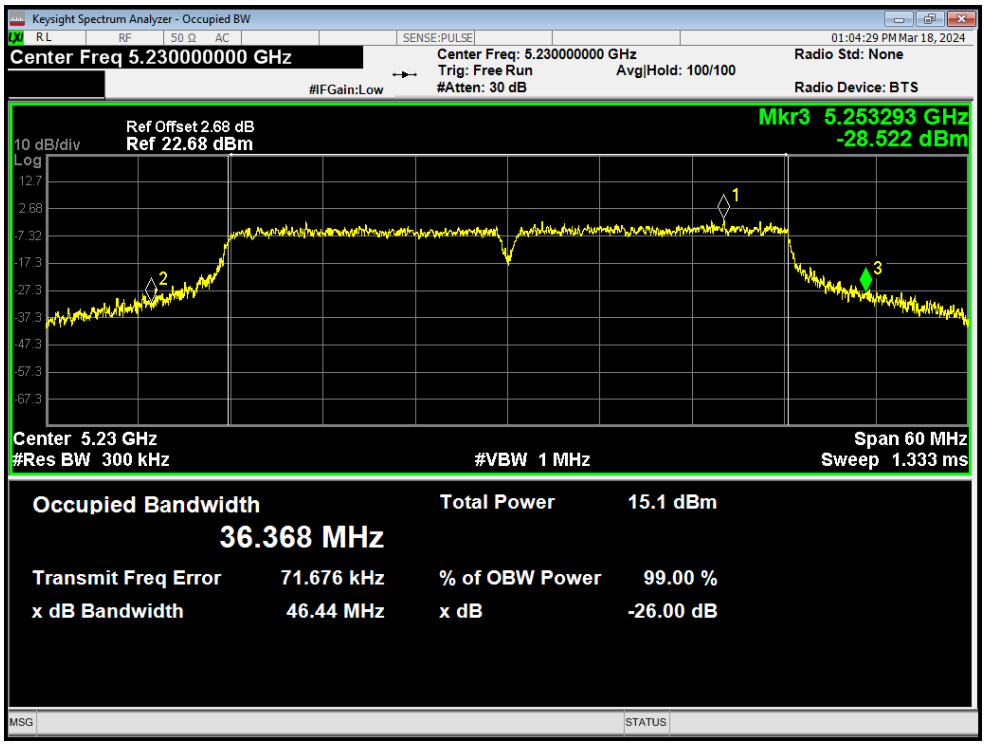
-26dB Bandwidth NVNT n20 5200MHz Ant1



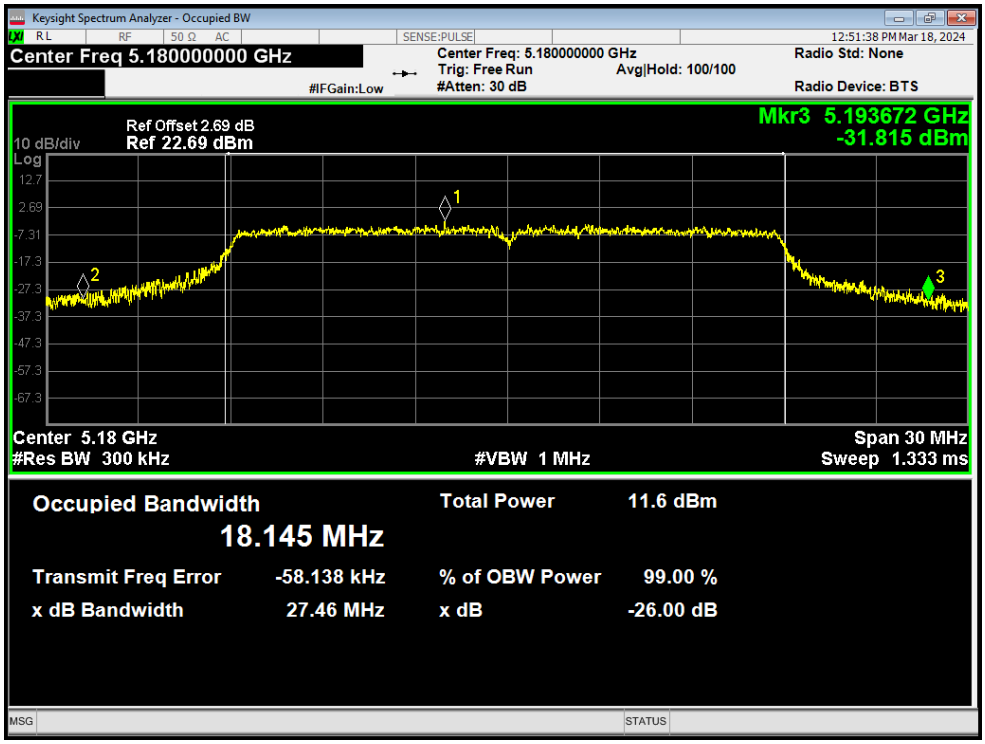
-26dB Bandwidth NVNT n20 5240MHz Ant1



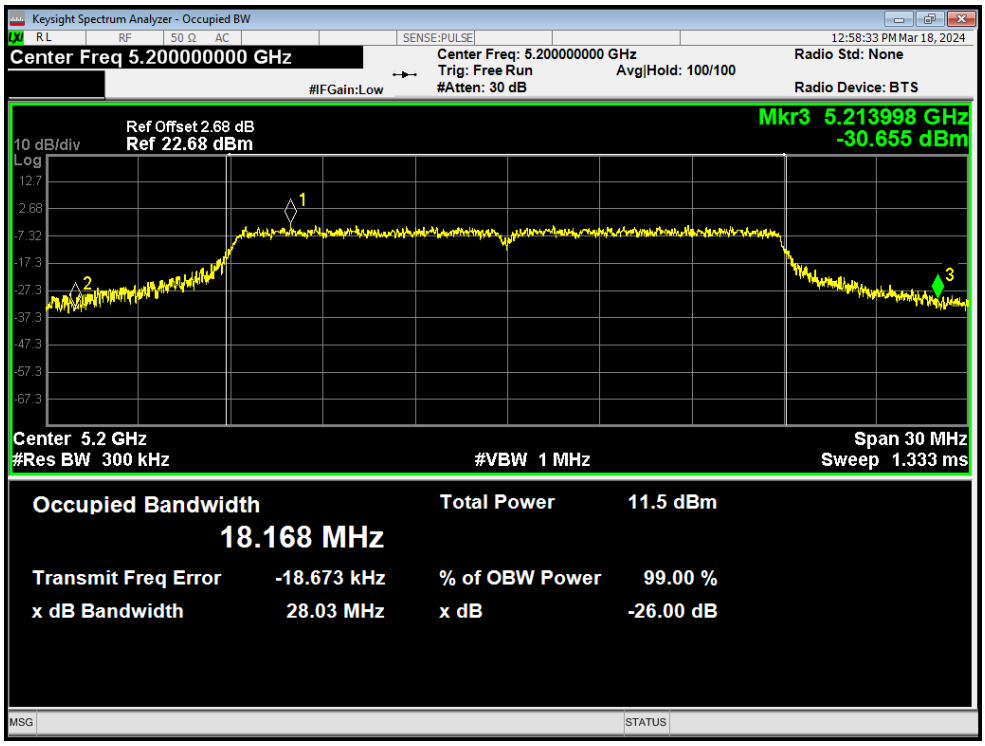
-26dB Bandwidth NVNT n40 5190MHz Ant1



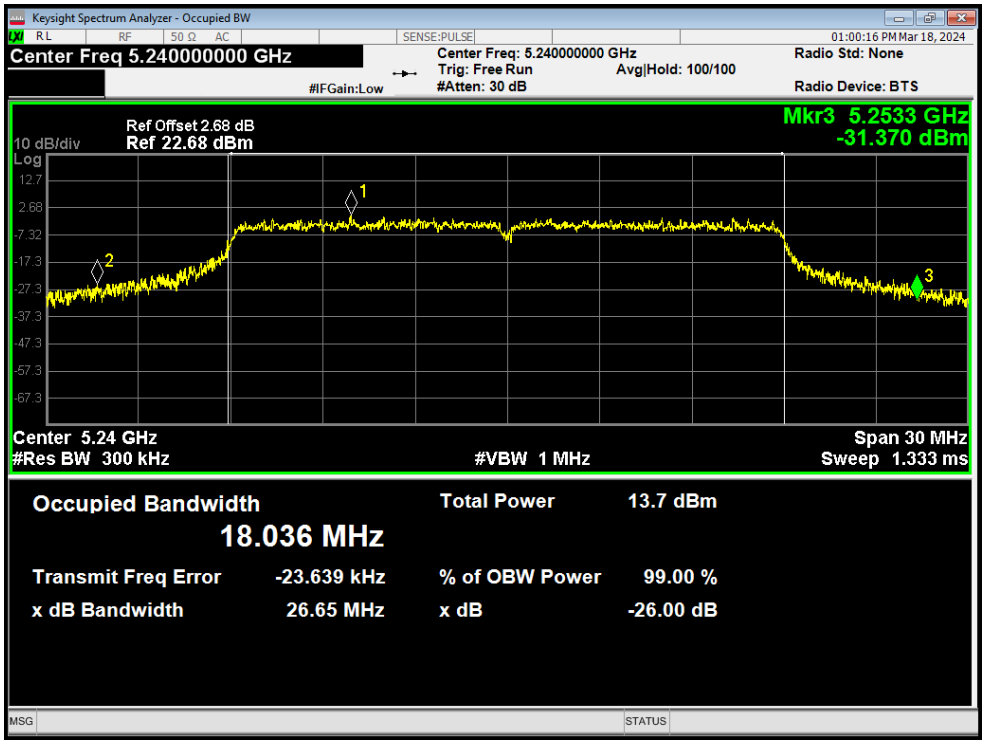
-26dB Bandwidth NVNT n40 5230MHz Ant1



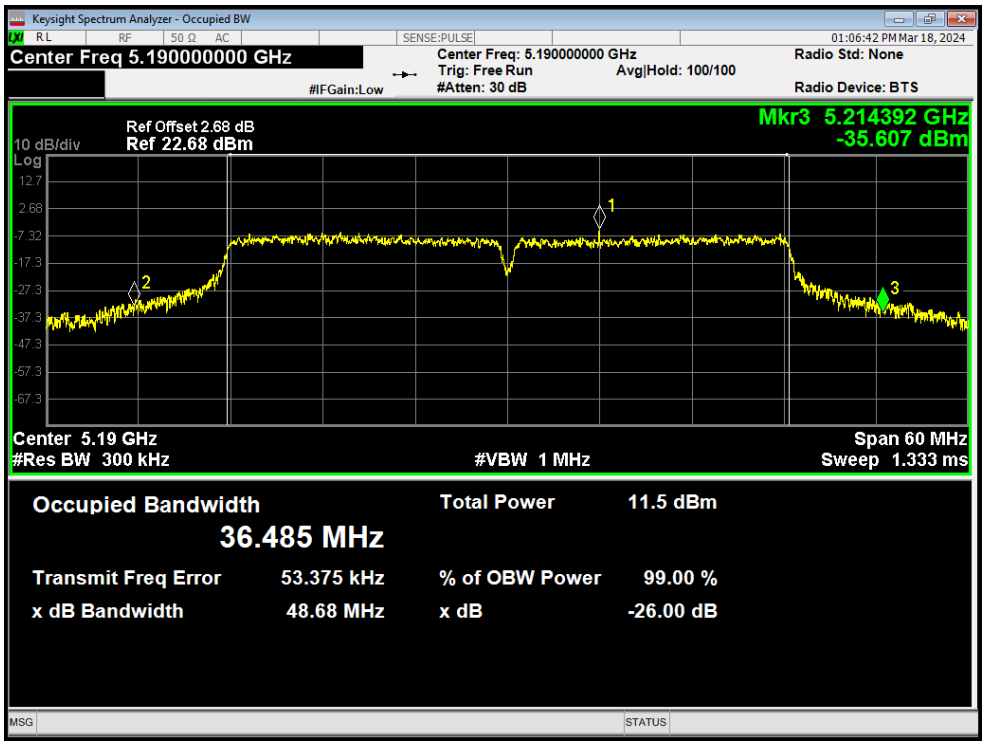
-26dB Bandwidth NVNT ac20 5180MHz Ant1



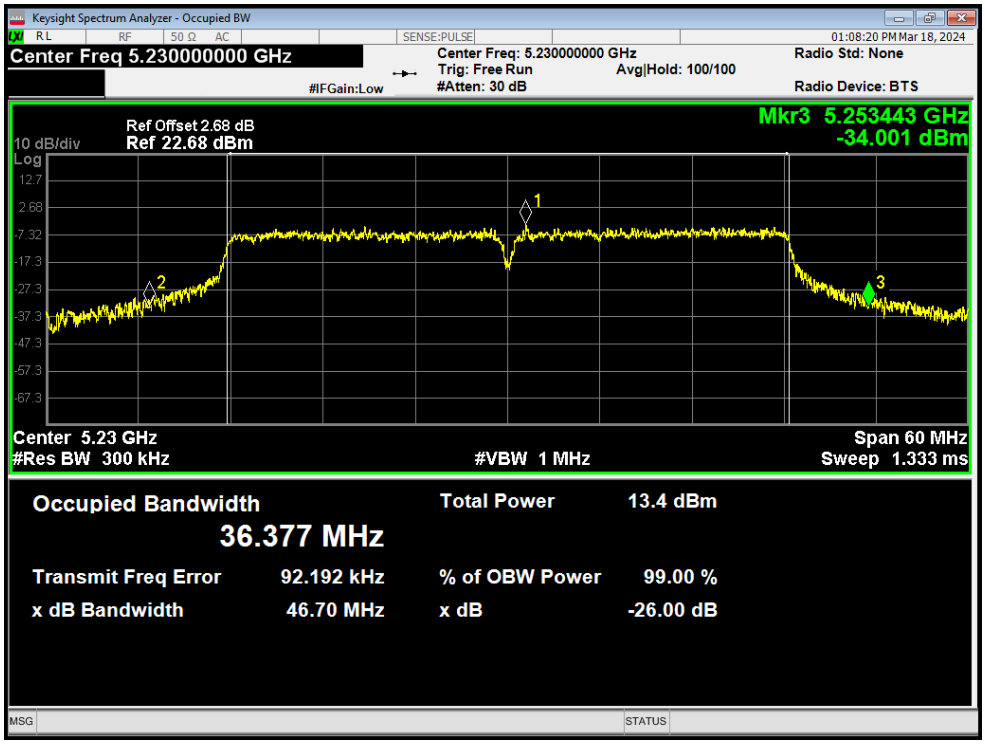
-26dB Bandwidth NVNT ac20 5200MHz Ant1



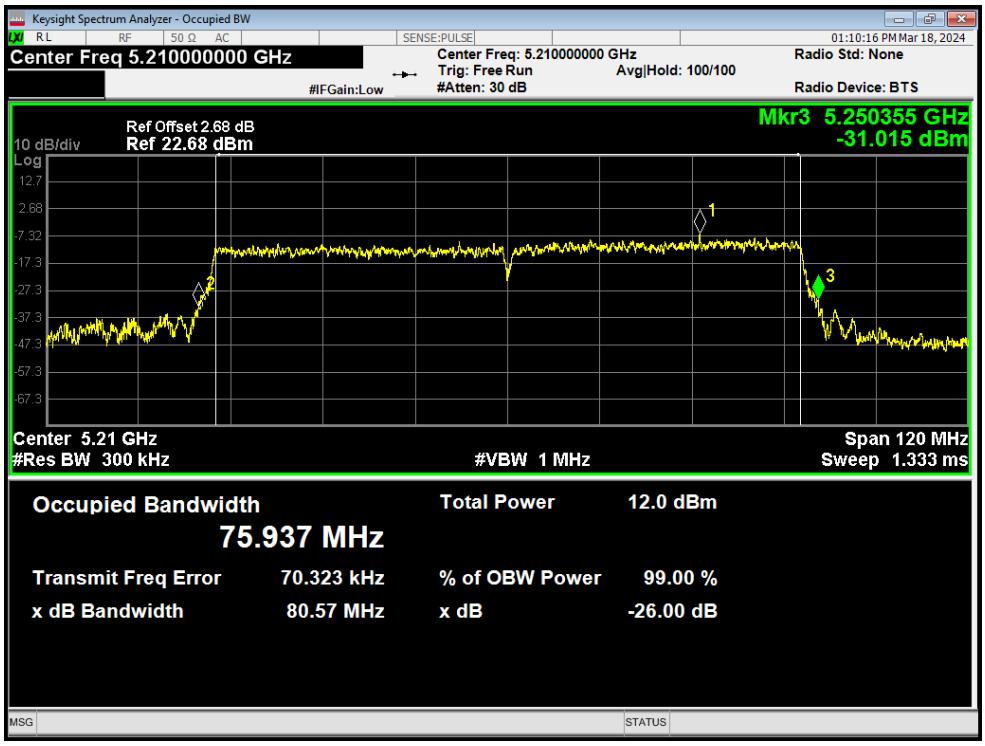
-26dB Bandwidth NVNT ac20 5240MHz Ant1



-26dB Bandwidth NVNT ac40 5190MHz Ant1



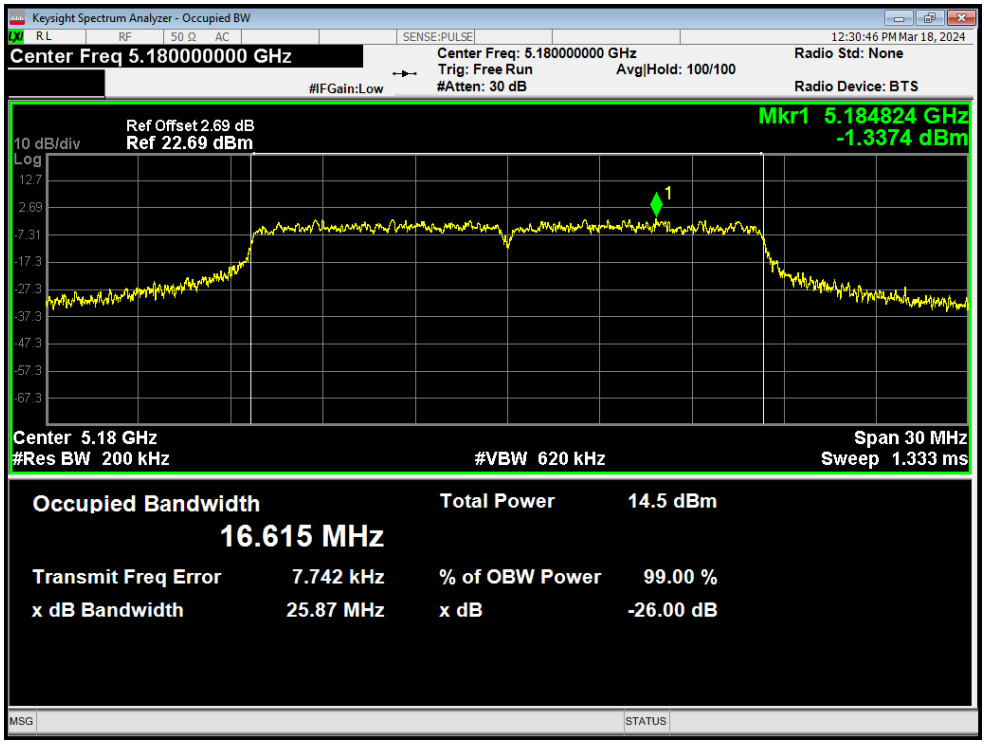
-26dB Bandwidth NVNT ac40 5230MHz Ant1



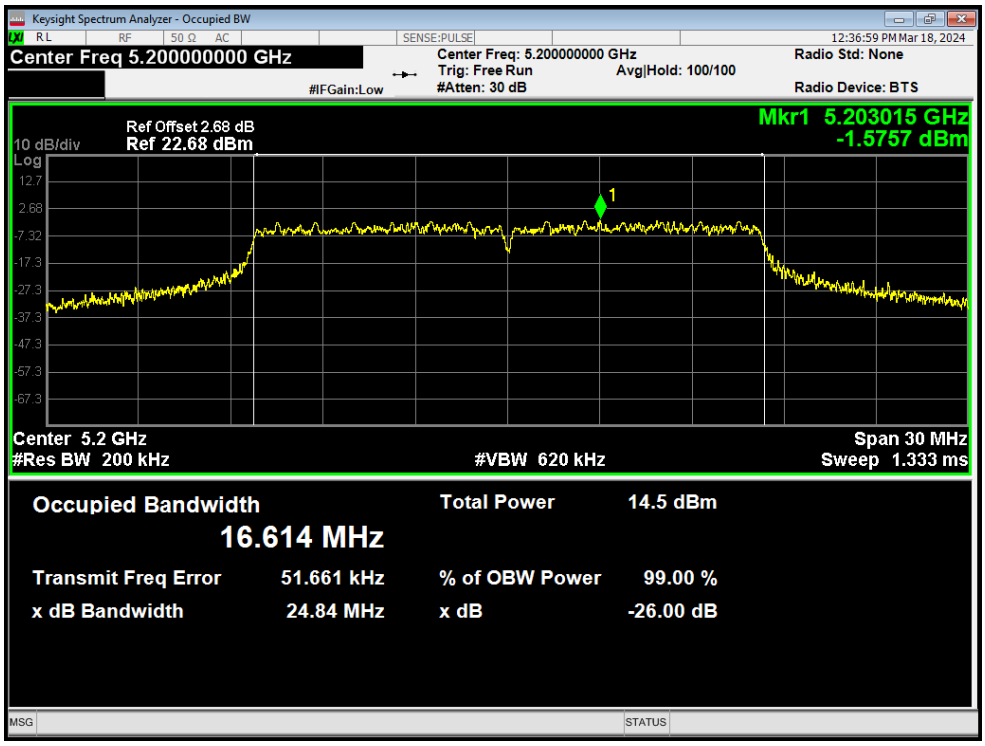
-26dB Bandwidth NVNT ac80 5210MHz Ant1

4. Occupied Channel Bandwidth

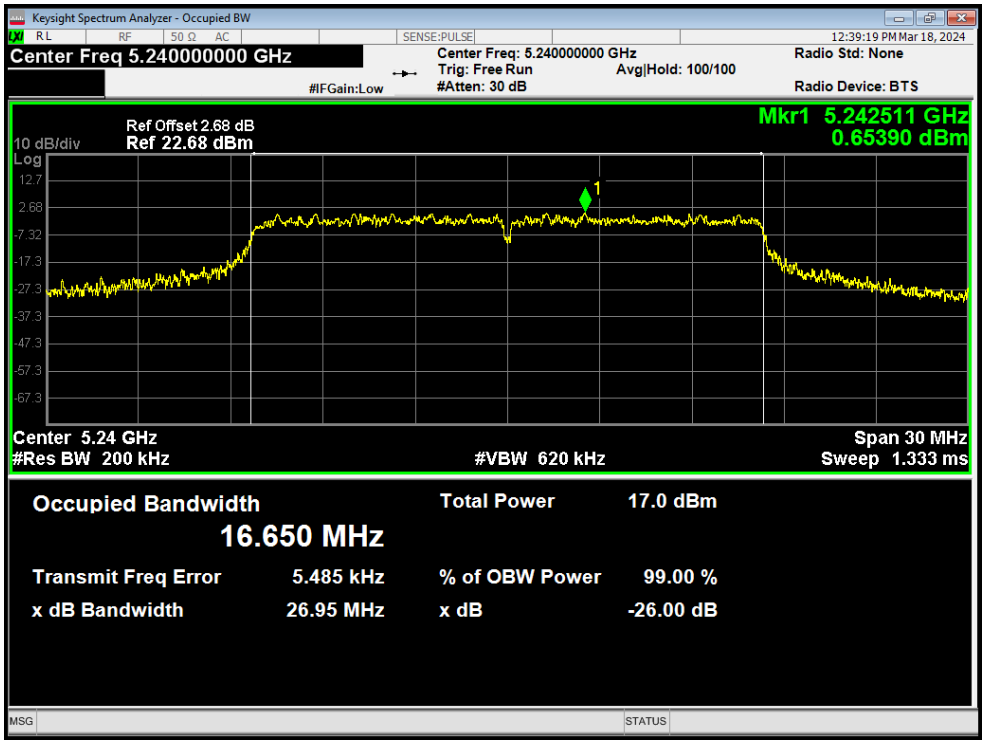
Condition	Mode	Frequency (MHz)	Antenna	99% OBW (MHz)
NVNT	a	5180	Ant1	16.615
NVNT	a	5200	Ant1	16.614
NVNT	a	5240	Ant1	16.65
NVNT	n20	5180	Ant1	17.773
NVNT	n20	5200	Ant1	17.809
NVNT	n20	5240	Ant1	17.802
NVNT	n40	5190	Ant1	36.699
NVNT	n40	5230	Ant1	36.493
NVNT	ac20	5180	Ant1	17.836
NVNT	ac20	5200	Ant1	17.889
NVNT	ac20	5240	Ant1	17.869
NVNT	ac40	5190	Ant1	36.664
NVNT	ac40	5230	Ant1	36.556
NVNT	ac80	5210	Ant1	76.021



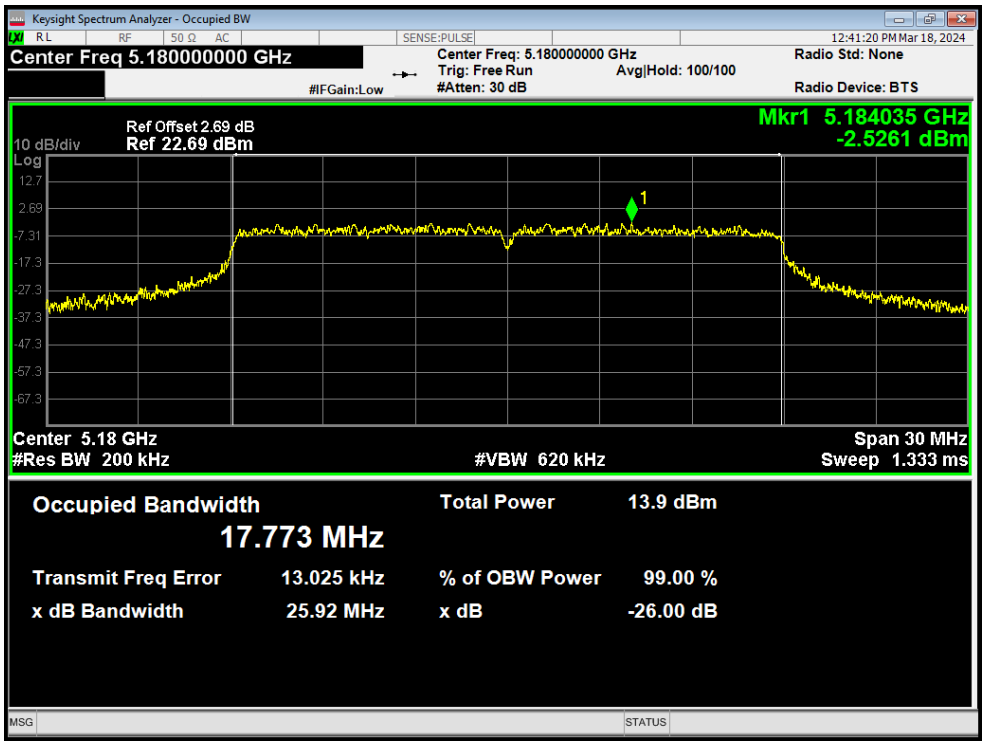
OBW NVNT a 5180MHz Ant1



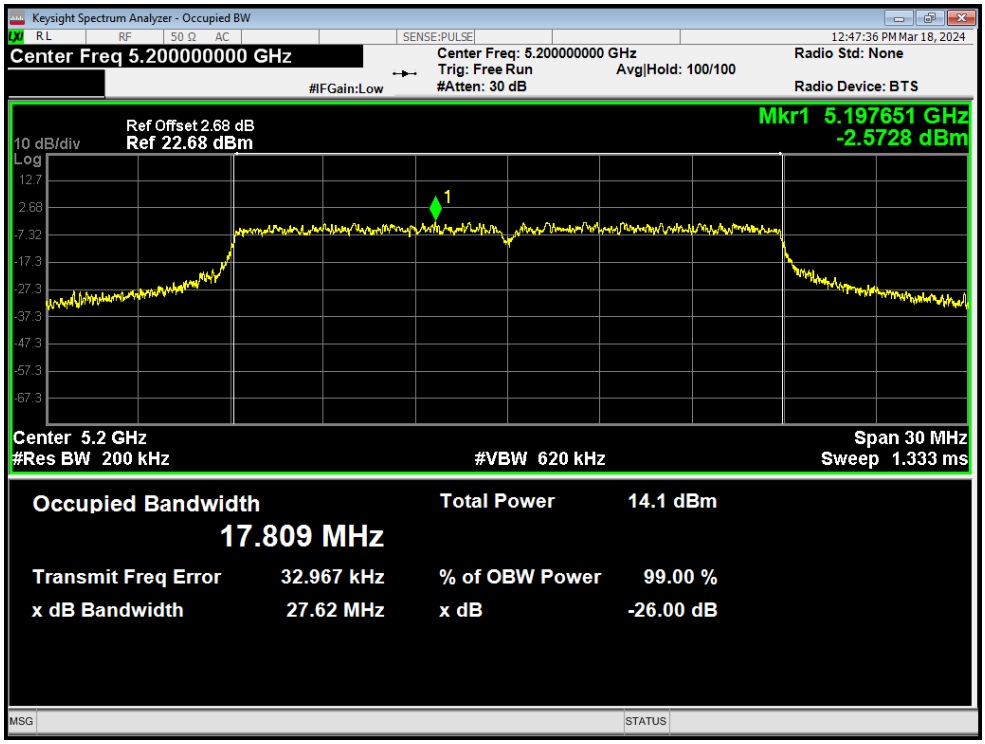
OBW NVNT a 5200MHz Ant1



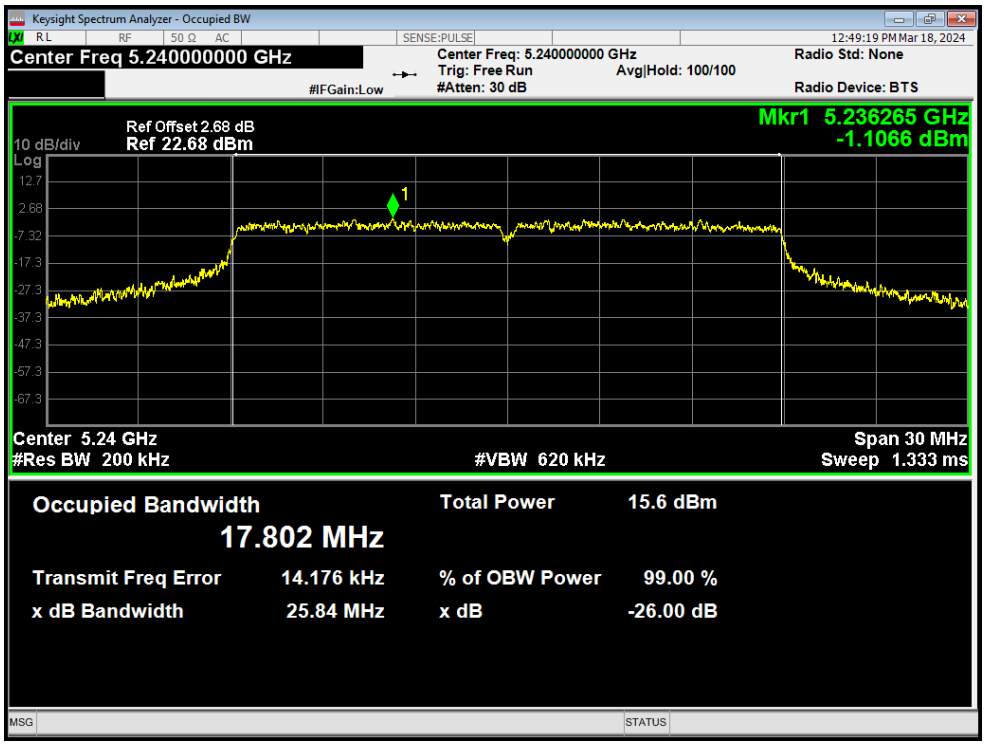
OBW NVNT a 5240MHz Ant1



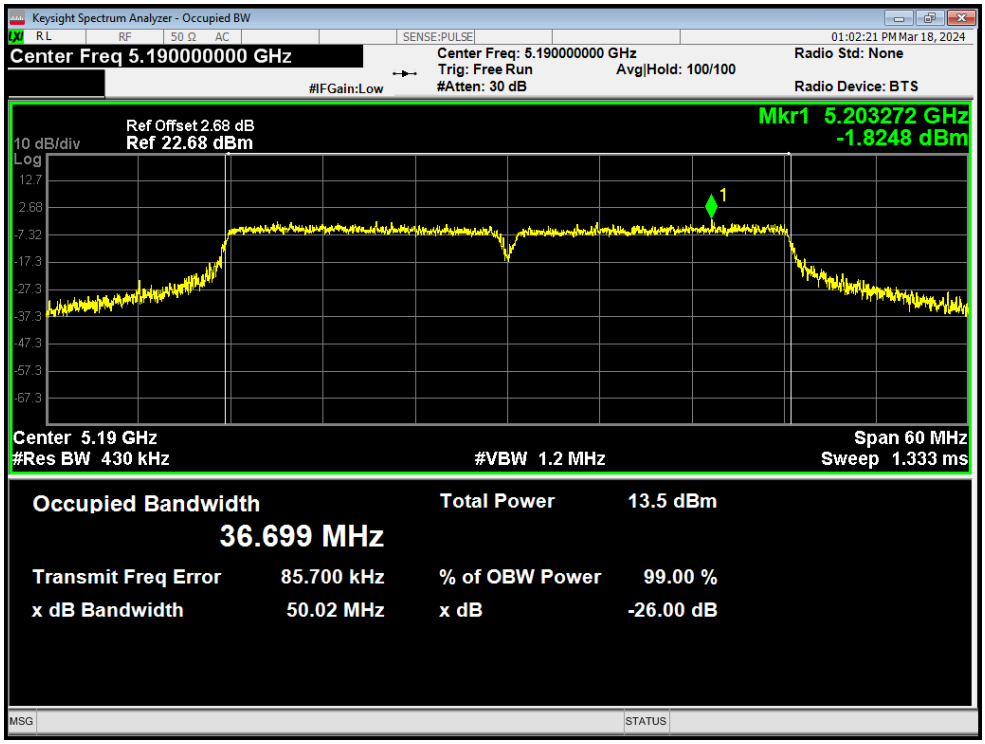
OBW NVNT n20 5180MHz Ant1



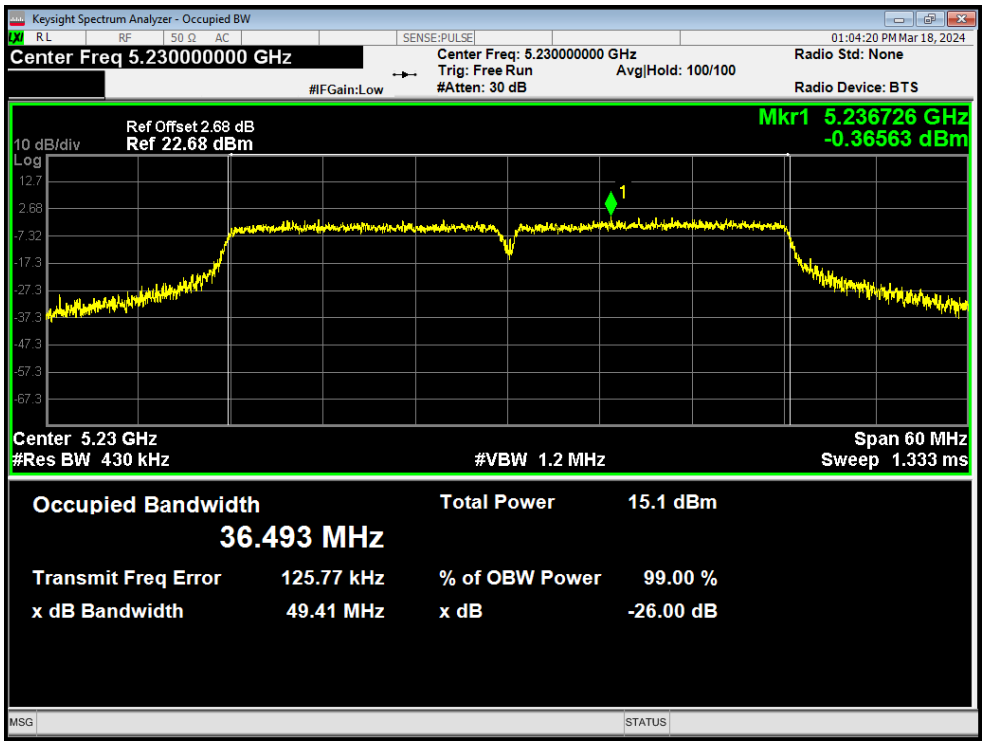
OBW NVNT n20 5200MHz Ant1



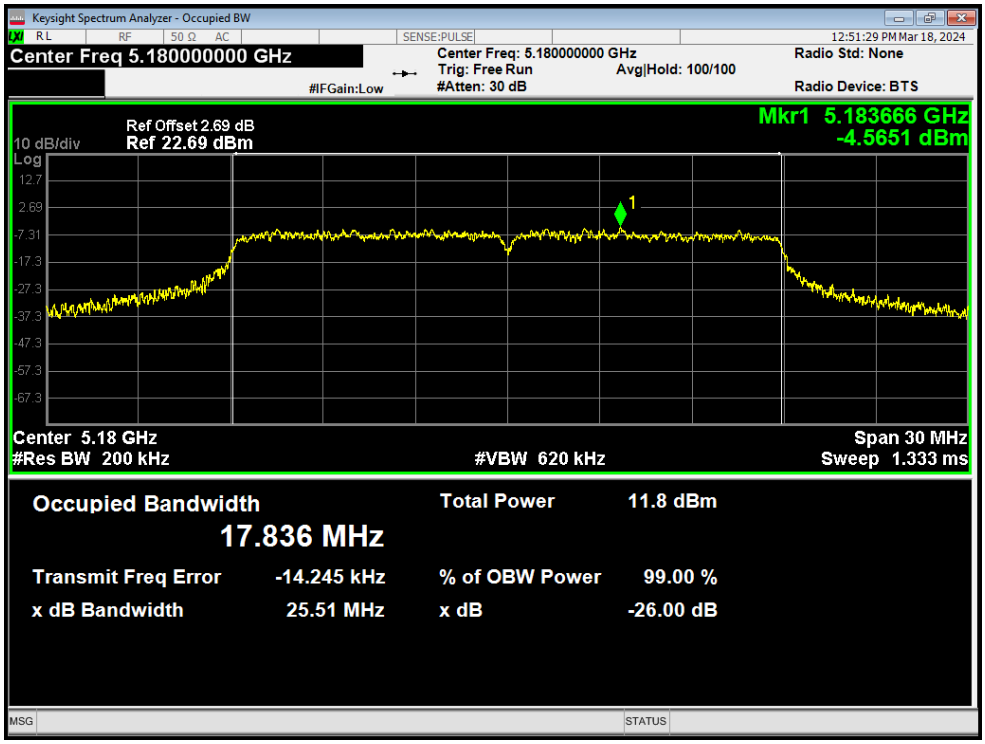
OBW NVNT n20 5240MHz Ant1



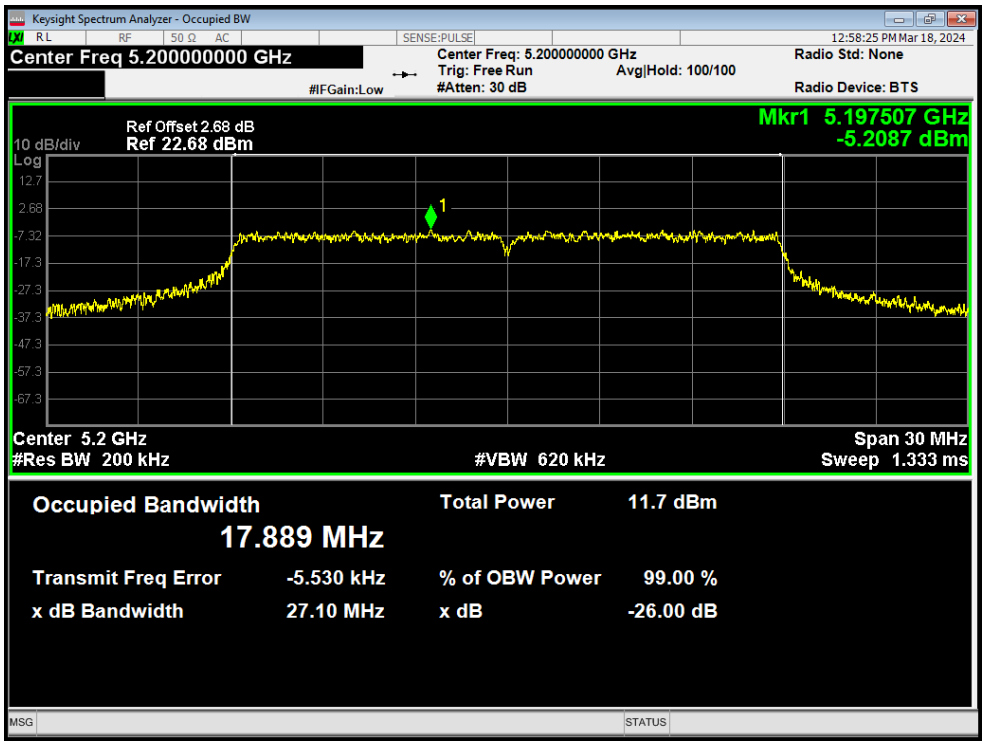
OBW NVNT n40 5190MHz Ant1



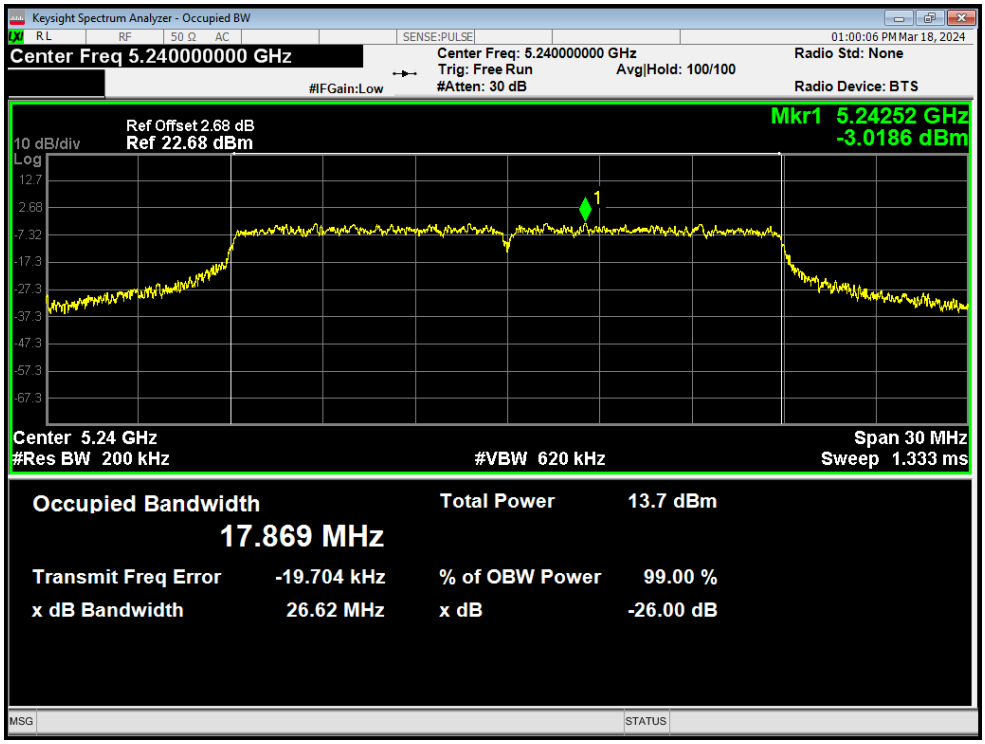
OBW NVNT n40 5230MHz Ant1



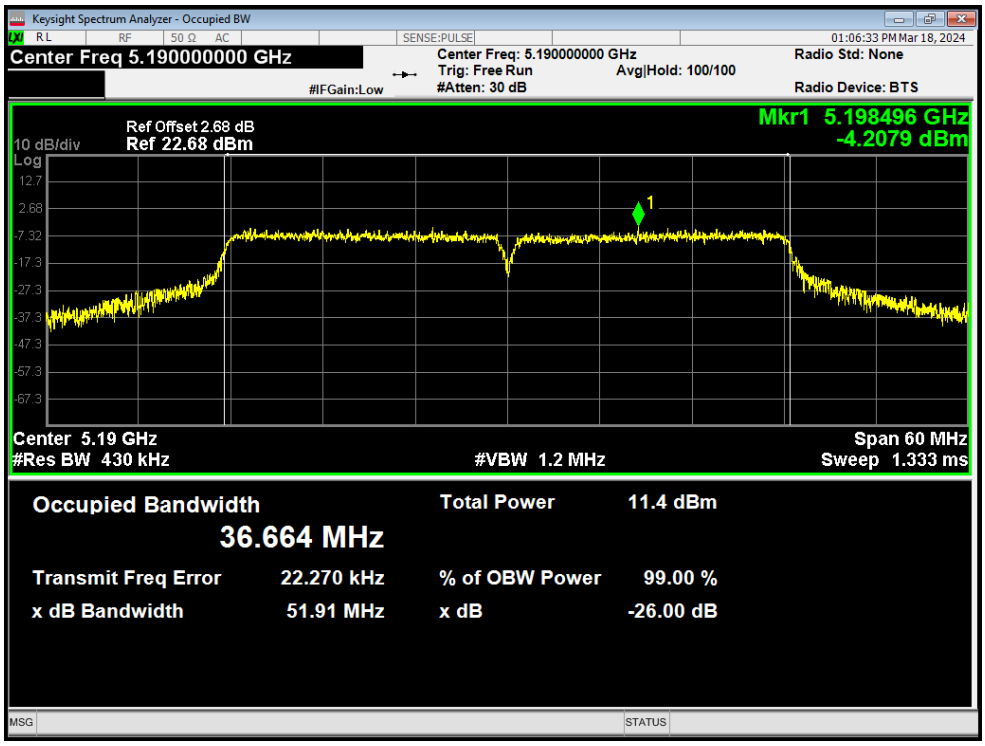
OBW NVNT ac20 5180MHz Ant1



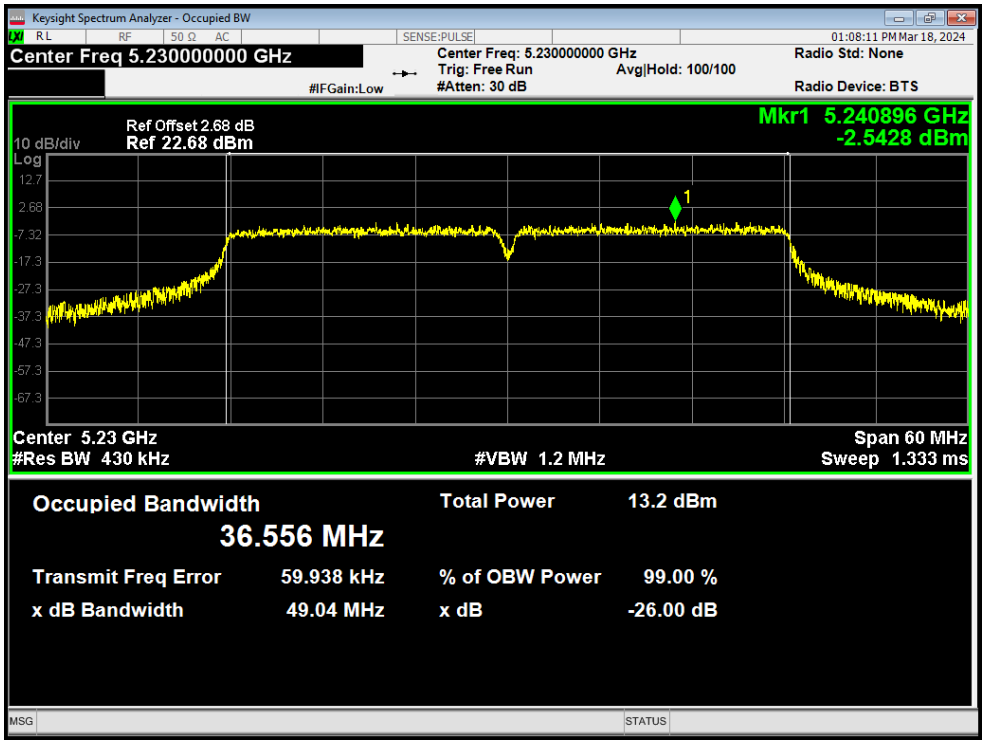
OBW NVNT ac20 5200MHz Ant1



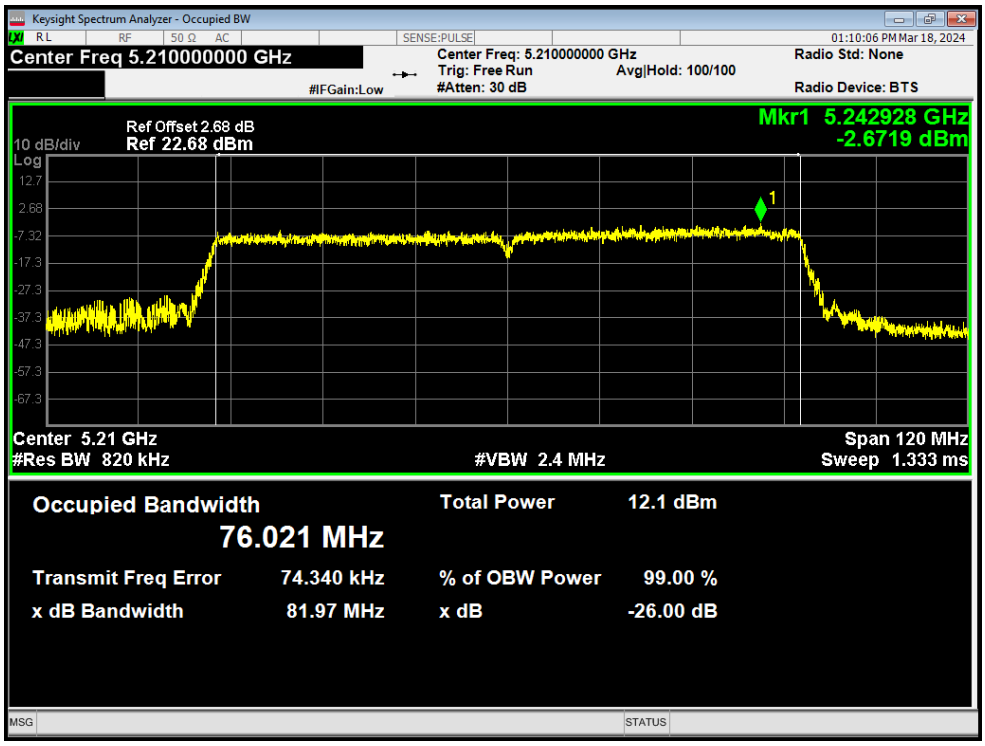
OBW NVNT ac20 5240MHz Ant1



OBW NVNT ac40 5190MHz Ant1



OBW NVNT ac40 5230MHz Ant1

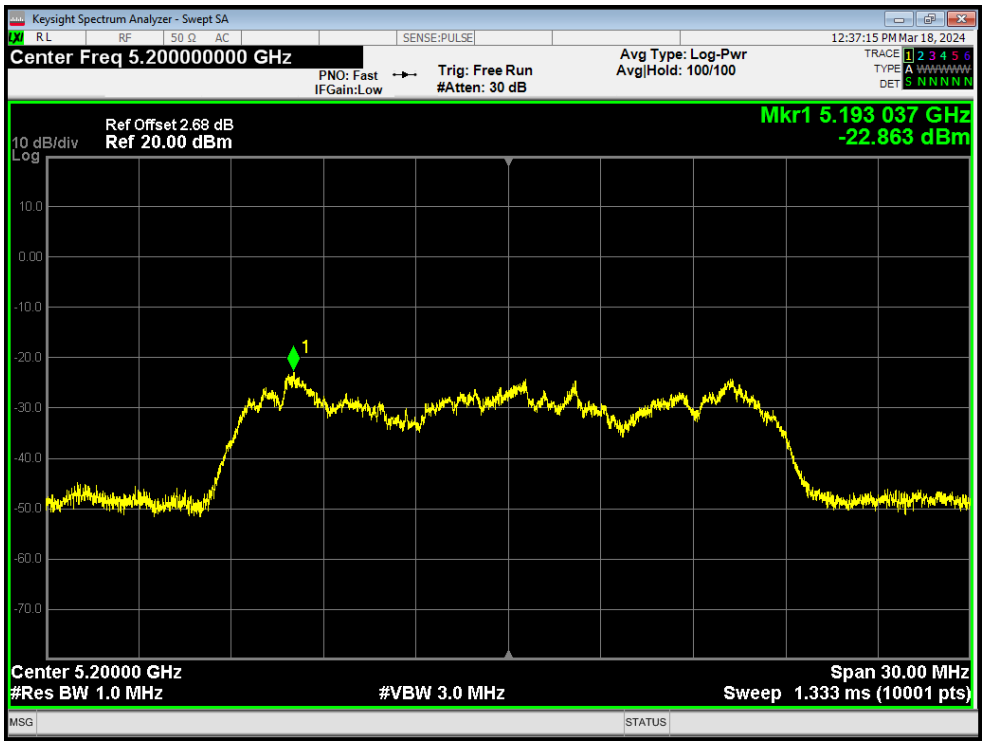


OBW NVNT ac80 5210MHz Ant1

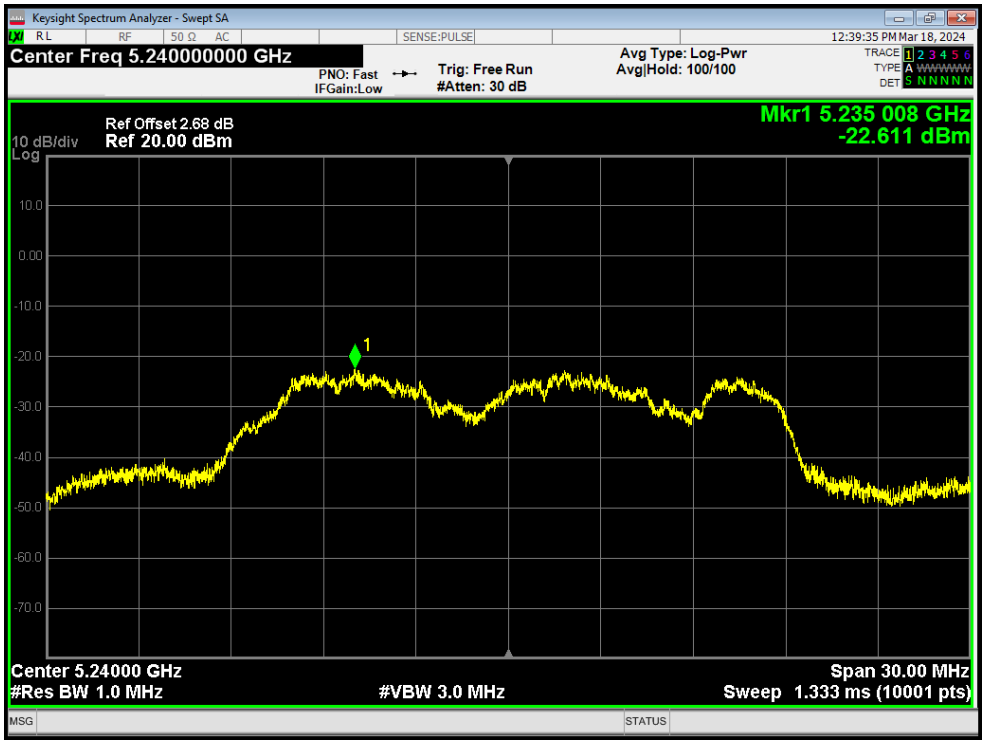
5. Maximum Power Spectral Density Level

Condition	Mode	Frequency (MHz)	Antenna	Conducted PSD (dBm)	Duty Factor (dB)	Total PSD (dBm)	Limit (dBm)	Verdict
NVNT	a	5180	Ant1	-21.5	2.54	-18.96	11	Pass
NVNT	a	5200	Ant1	-22.86	2.42	-20.44	11	Pass
NVNT	a	5240	Ant1	-22.61	2.41	-20.2	11	Pass
NVNT	n20	5180	Ant1	-10.63	0.88	-9.75	11	Pass
NVNT	n20	5200	Ant1	-9.09	0.88	-8.21	11	Pass
NVNT	n20	5240	Ant1	-11.29	0.82	-10.47	11	Pass
NVNT	n40	5190	Ant1	-20.88	1.44	-19.44	11	Pass
NVNT	n40	5230	Ant1	-18.49	1.49	-17	11	Pass
NVNT	ac20	5180	Ant1	-13.58	1.03	-12.55	11	Pass
NVNT	ac20	5200	Ant1	-14.72	0.91	-13.81	11	Pass
NVNT	ac20	5240	Ant1	-10.53	0.84	-9.69	11	Pass
NVNT	ac40	5190	Ant1	-23.03	1.62	-21.41	11	Pass
NVNT	ac40	5230	Ant1	-31.33	1.74	-29.59	11	Pass
NVNT	ac80	5210	Ant1	-33.04	3.14	-29.9	11	Pass

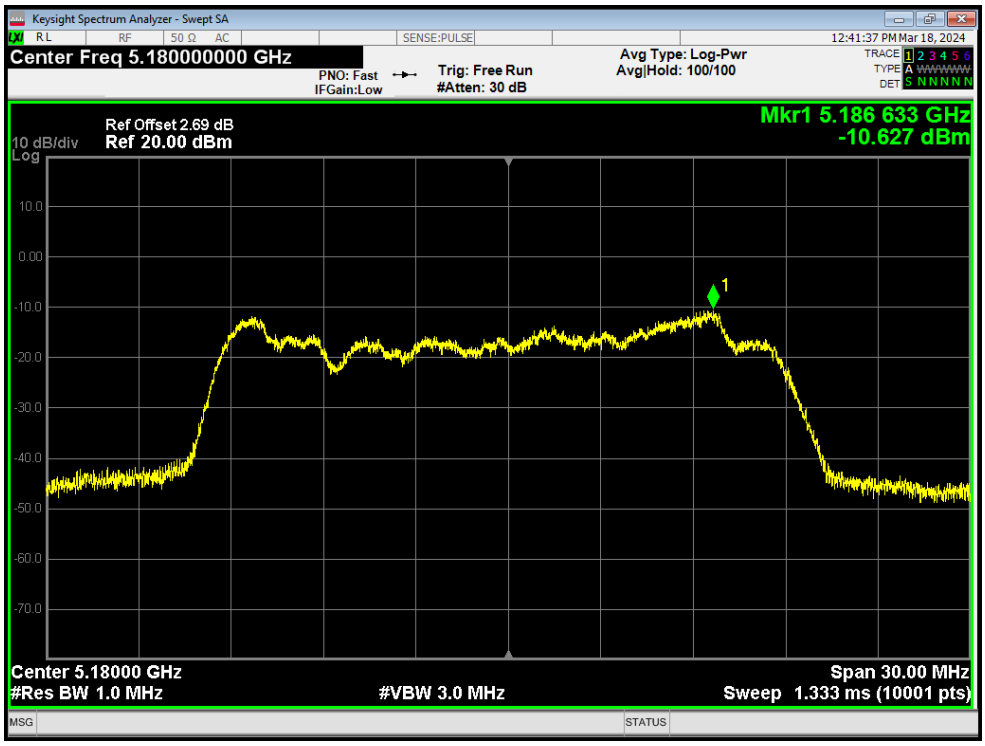
PSD NVNT a 5180MHz Ant1



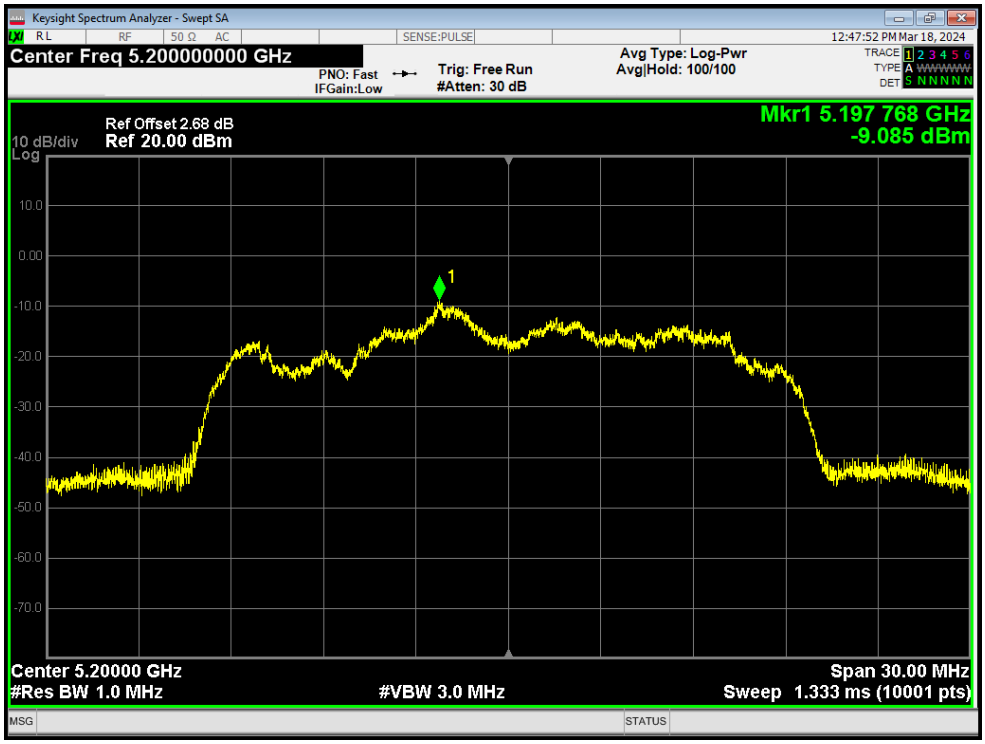
PSD NVNT a 5200MHz Ant1



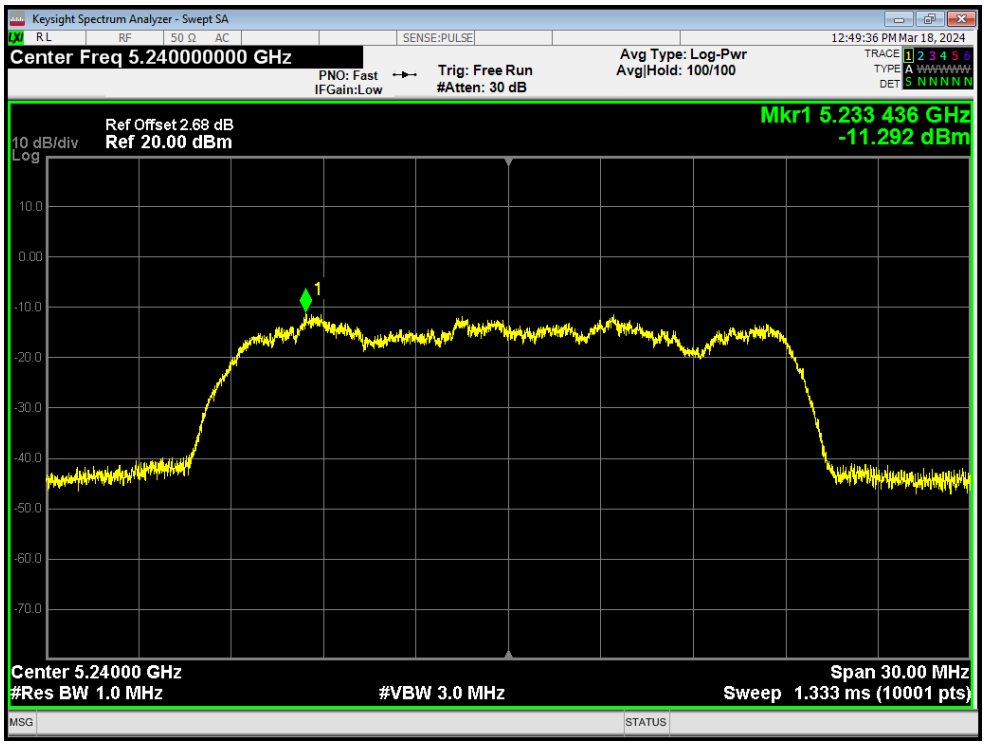
PSD NVNT a 5240MHz Ant1



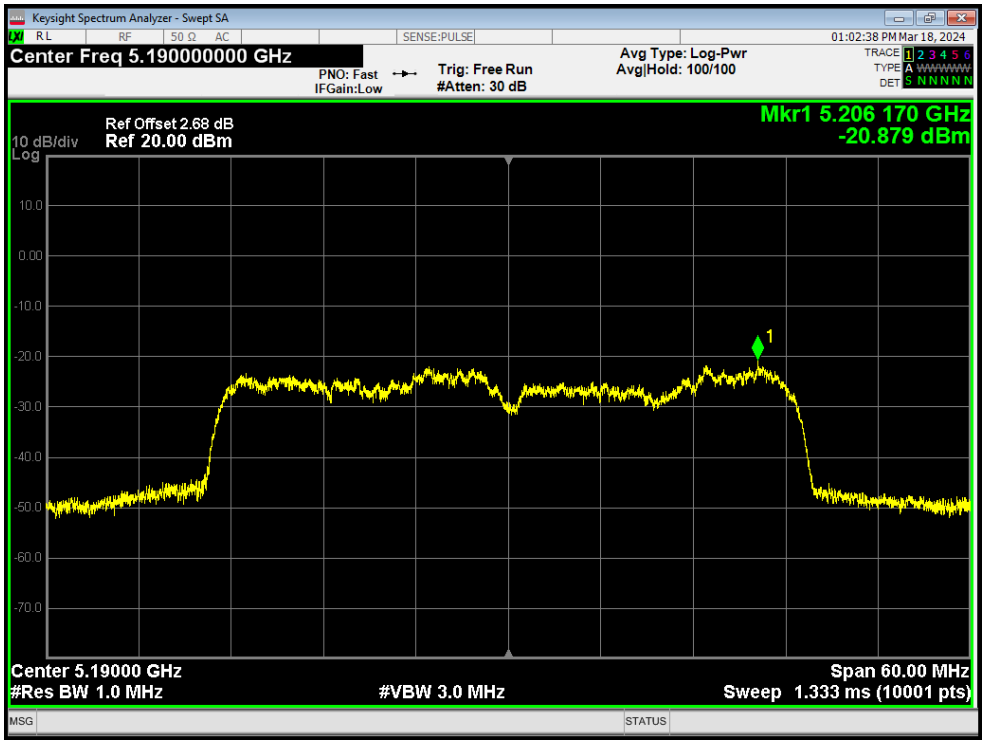
PSD NVNT n20 5180MHz Ant1



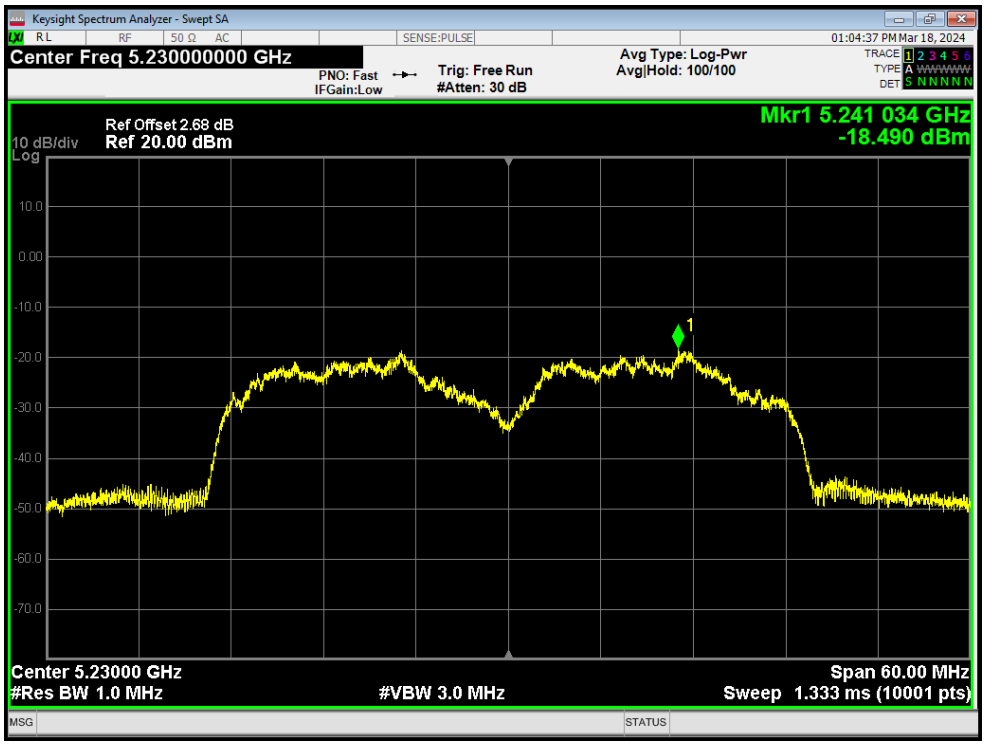
PSD NVNT n20 5200MHz Ant1



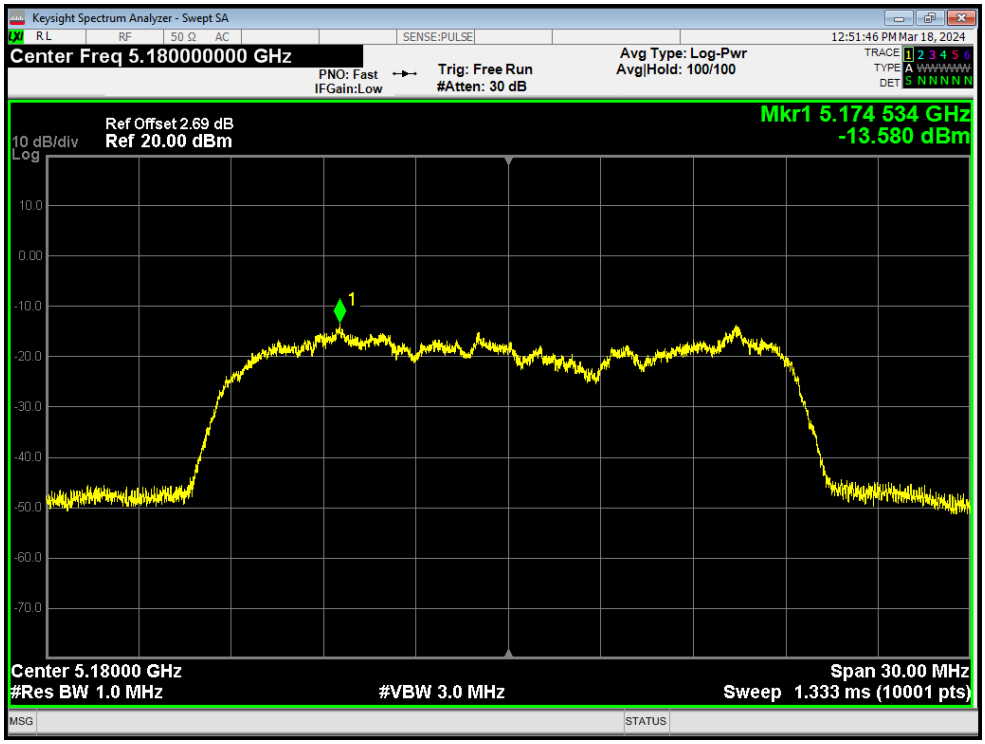
PSD NVNT n20 5240MHz Ant1



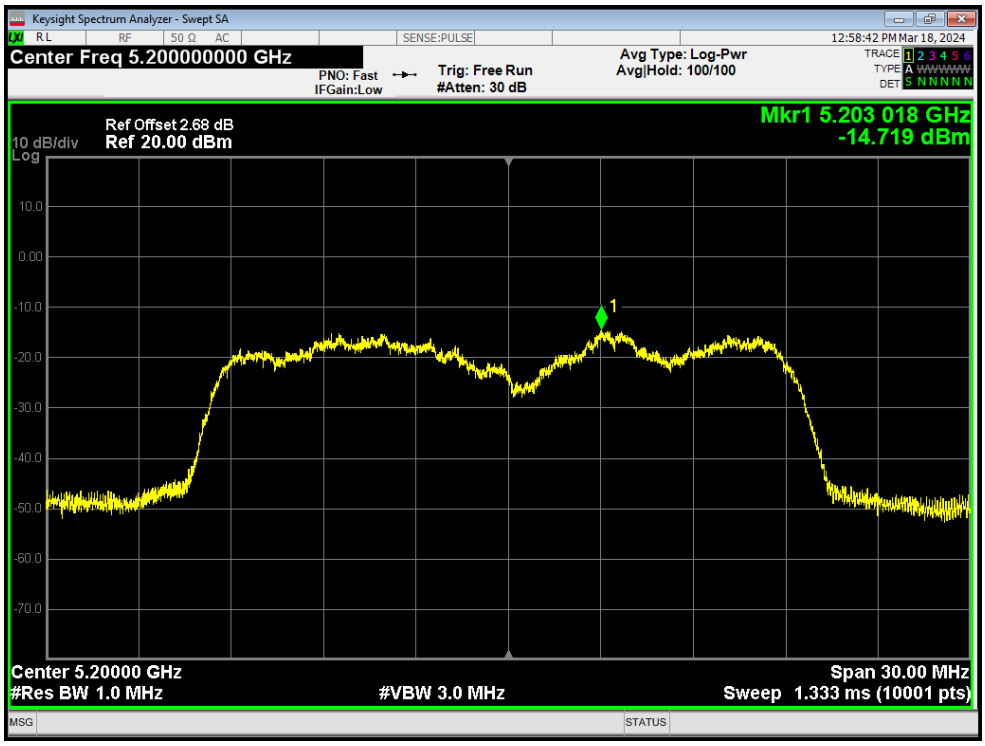
PSD NVNT n40 5190MHz Ant1



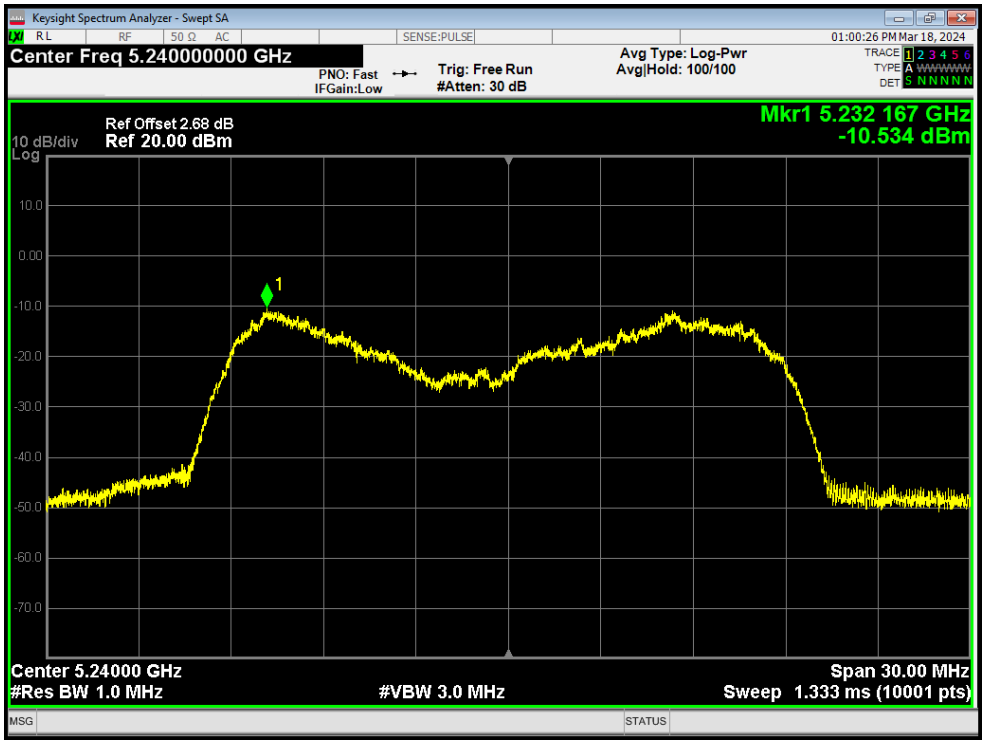
PSD NVNT n40 5230MHz Ant1



PSD NVNT ac20 5180MHz Ant1



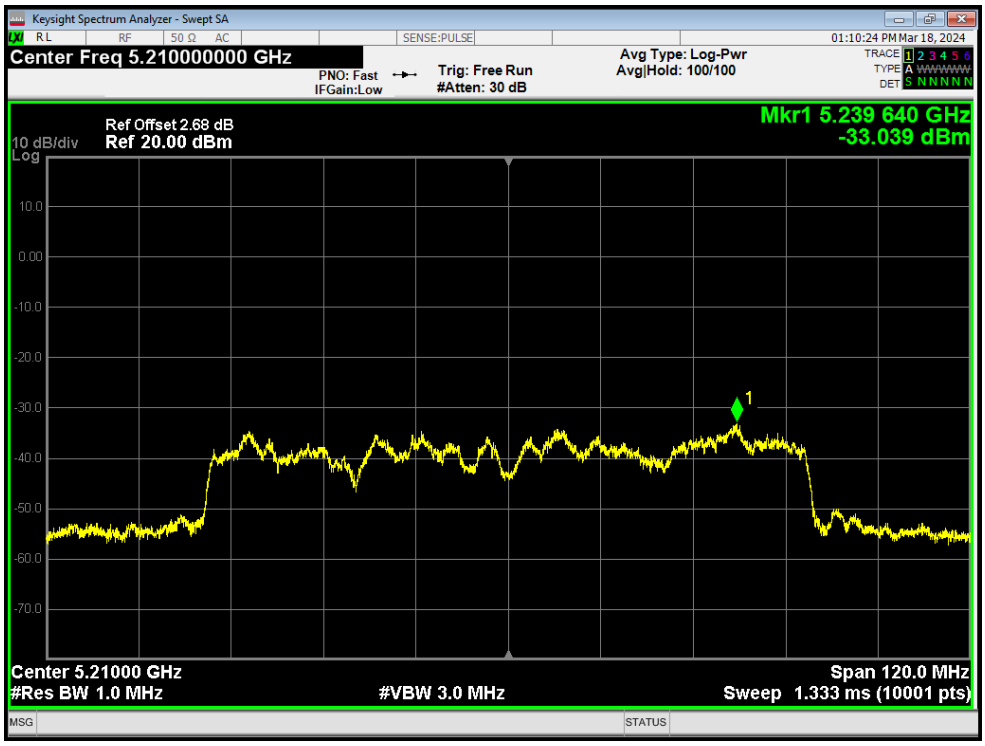
PSD NVNT ac20 5200MHz Ant1



PSD NVNT ac20 5240MHz Ant1

PSD NVNT ac40 5190MHz Ant1

PSD NVNT ac40 5230MHz Ant1



PSD NVNT ac80 5210MHz Ant1