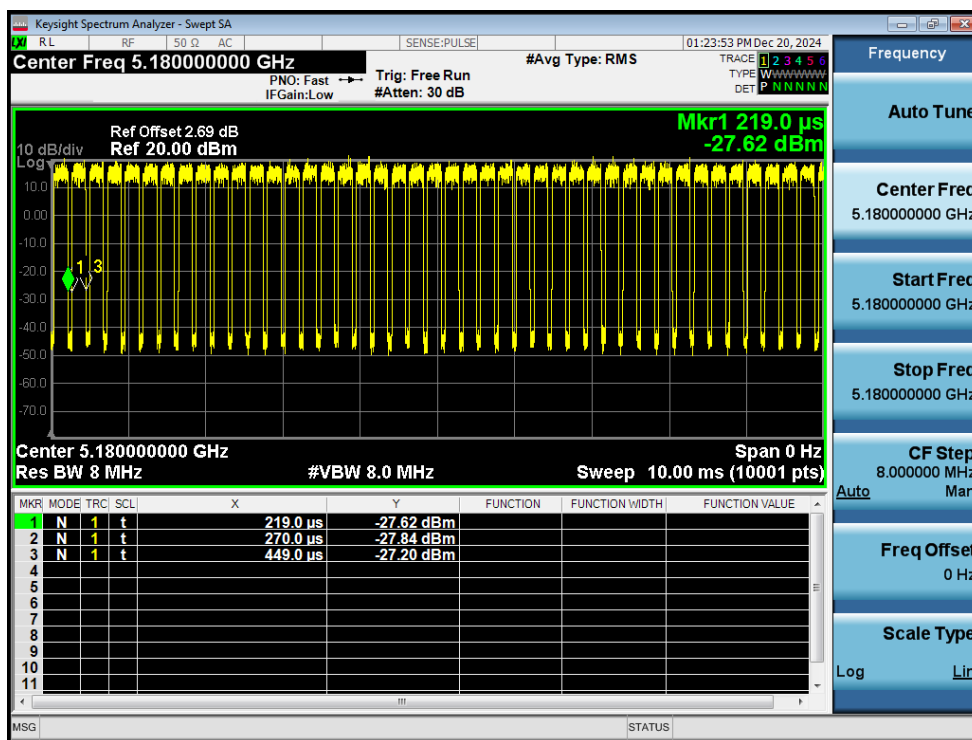


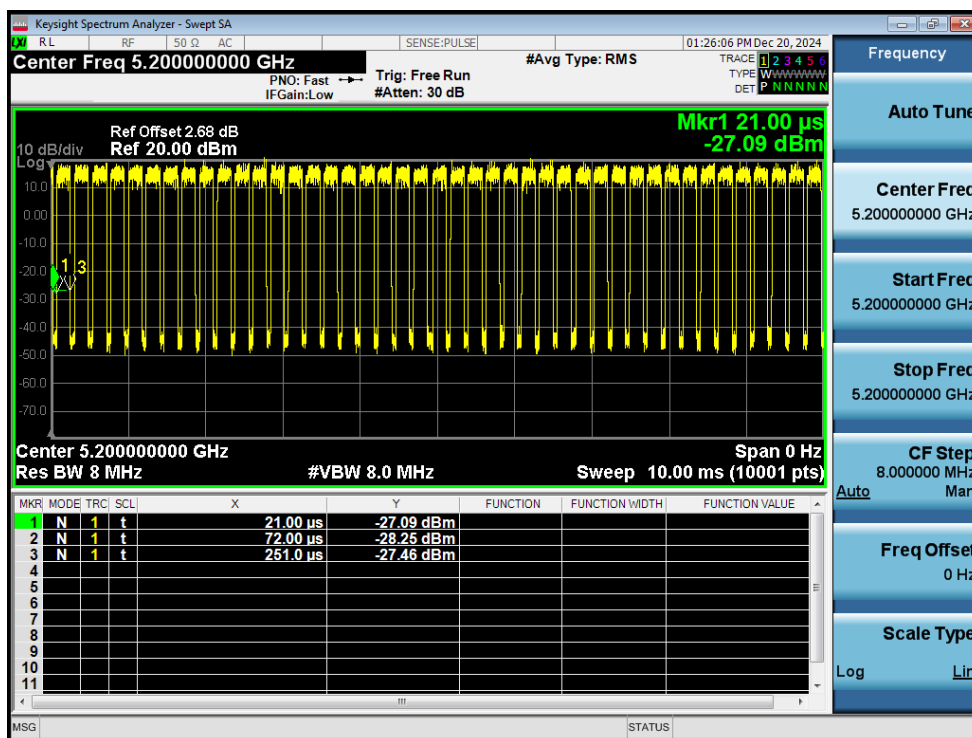
Test Data Appendix of Test Report

1. Duty Cycle

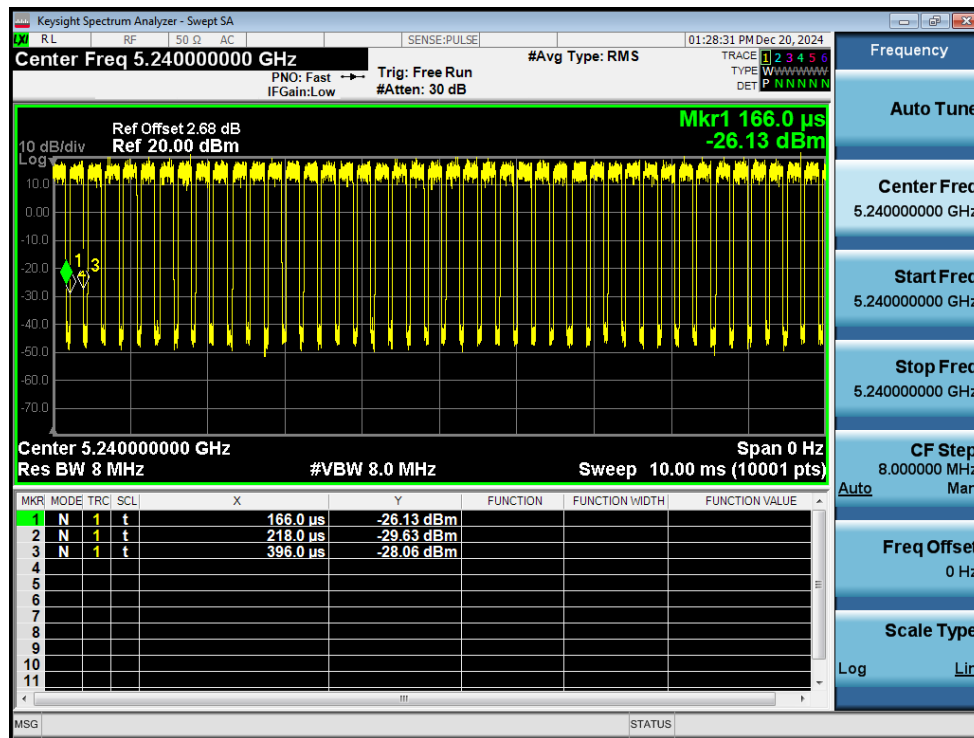
Condition	Mode	Frequency (MHz)	Antenna	Duty Cycle (%)	Correction Factor (dB)	1/T (kHz)	T(ms)
NVNT	a	5180	Ant1	77.83	1.09	5.59	0.179
NVNT	a	5200	Ant1	77.83	1.09	5.59	0.179
NVNT	a	5240	Ant1	77.39	1.11	5.62	0.178
NVNT	a	5180	Ant2	76.52	1.16	5.68	0.176
NVNT	a	5200	Ant2	76.86	1.14	5.68	0.176
NVNT	a	5240	Ant2	76.52	1.16	5.68	0.176
NVNT	n20	5180	Ant1	75.69	1.21	6.06	0.165
NVNT	n20	5200	Ant1	75.58	1.22	6.1	0.164
NVNT	n20	5240	Ant1	75.23	1.24	6.1	0.164
NVNT	n20	5180	Ant2	75.58	1.22	6.1	0.164
NVNT	n20	5200	Ant2	75.69	1.21	6.06	0.165
NVNT	n20	5240	Ant2	75.23	1.24	6.1	0.164
NVNT	n20	5180	Sum	75.23	1.24	6.1	0.164
NVNT	n20	5200	Sum	75.58	1.22	6.1	0.164
NVNT	n20	5240	Sum	75.58	1.22	6.1	0.164
NVNT	n40	5190	Ant1	66.01	1.8	9.9	0.101
NVNT	n40	5230	Ant1	66.67	1.76	9.8	0.102
NVNT	n40	5190	Ant2	66.67	1.76	9.8	0.102
NVNT	n40	5230	Ant2	65.79	1.82	10	0.100
NVNT	n40	5190	Sum	65.36	1.85	10	0.100
NVNT	n40	5230	Sum	65.36	1.85	10	0.100
NVNT	ac20	5180	Ant1	73.27	1.35	6.76	0.148
NVNT	ac20	5200	Ant1	73.27	1.35	6.76	0.148
NVNT	ac20	5240	Ant1	73.27	1.35	6.76	0.148
NVNT	ac20	5180	Ant2	73.76	1.32	6.71	0.149
NVNT	ac20	5200	Ant2	73.76	1.32	6.71	0.149
NVNT	ac20	5240	Ant2	73.27	1.35	6.76	0.148
NVNT	ac20	5180	Sum	73.27	1.35	6.76	0.148
NVNT	ac20	5200	Sum	73.27	1.35	6.76	0.148
NVNT	ac20	5240	Sum	73.27	1.35	6.76	0.148
NVNT	ac40	5190	Ant1	63.12	2	11.24	0.089
NVNT	ac40	5230	Ant1	63.12	2	11.24	0.089
NVNT	ac40	5190	Ant2	62.41	2.05	11.36	0.088
NVNT	ac40	5230	Ant2	63.12	2	11.24	0.089
NVNT	ac40	5190	Sum	63.12	2	11.24	0.089
NVNT	ac40	5230	Sum	62.41	2.05	11.36	0.088
NVNT	ac80	5210	Ant1	56.03	2.52	15.38	0.065
NVNT	ac80	5210	Ant2	55.17	2.58	15.63	0.064
NVNT	ac80	5210	Sum	54.7	2.62	15.63	0.064



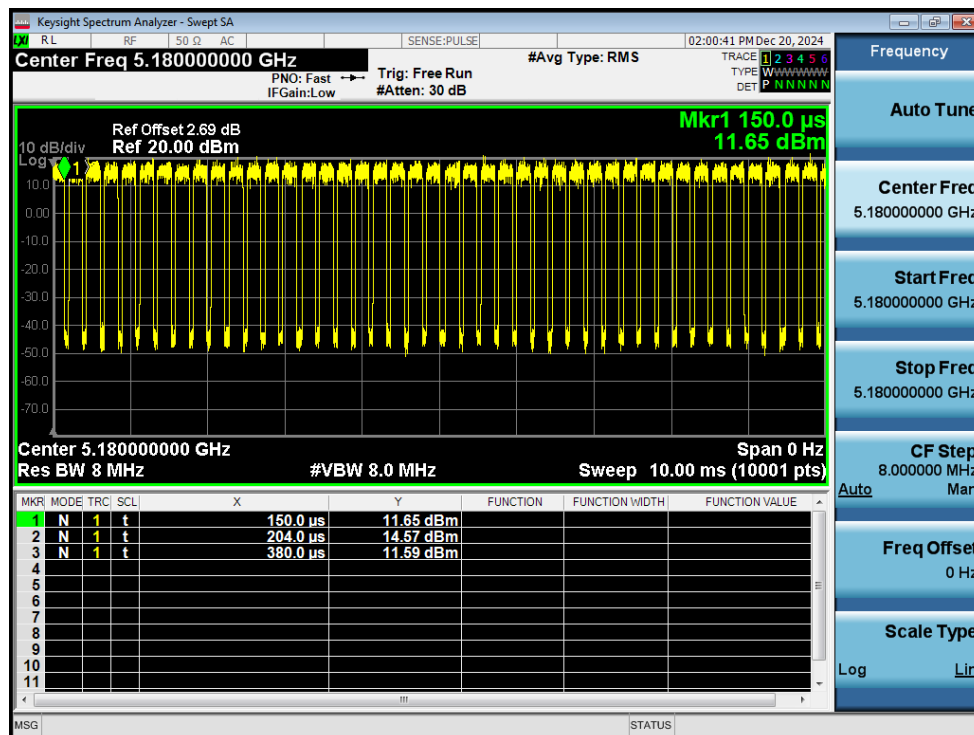
Duty Cycle NVNT a 5180MHz Ant1



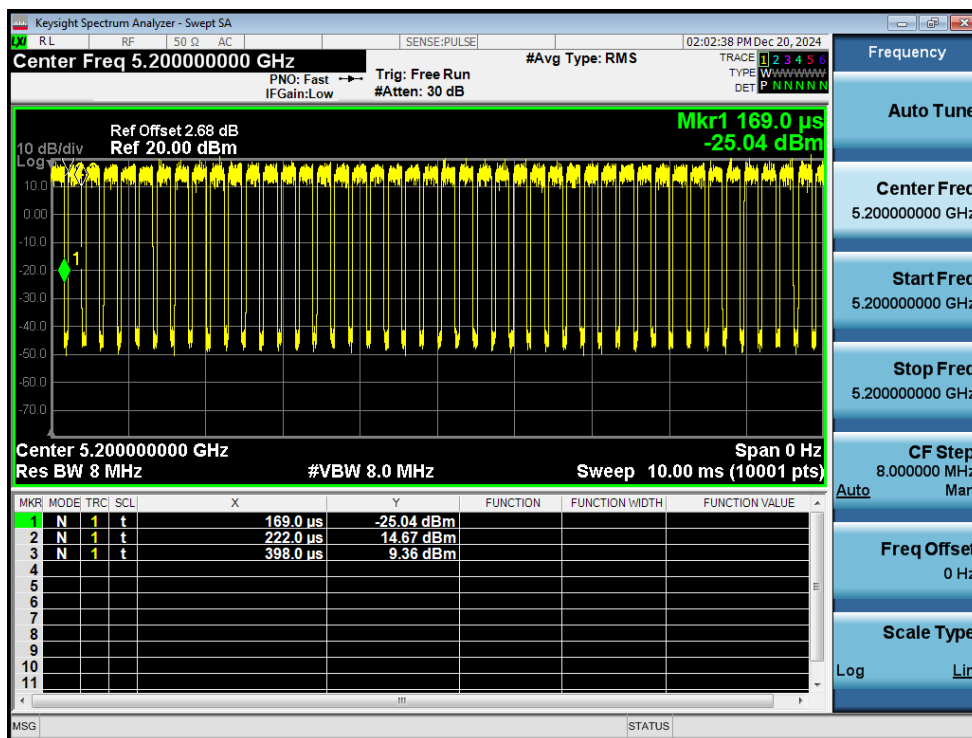
Duty Cycle NVNT a 5200MHz Ant1



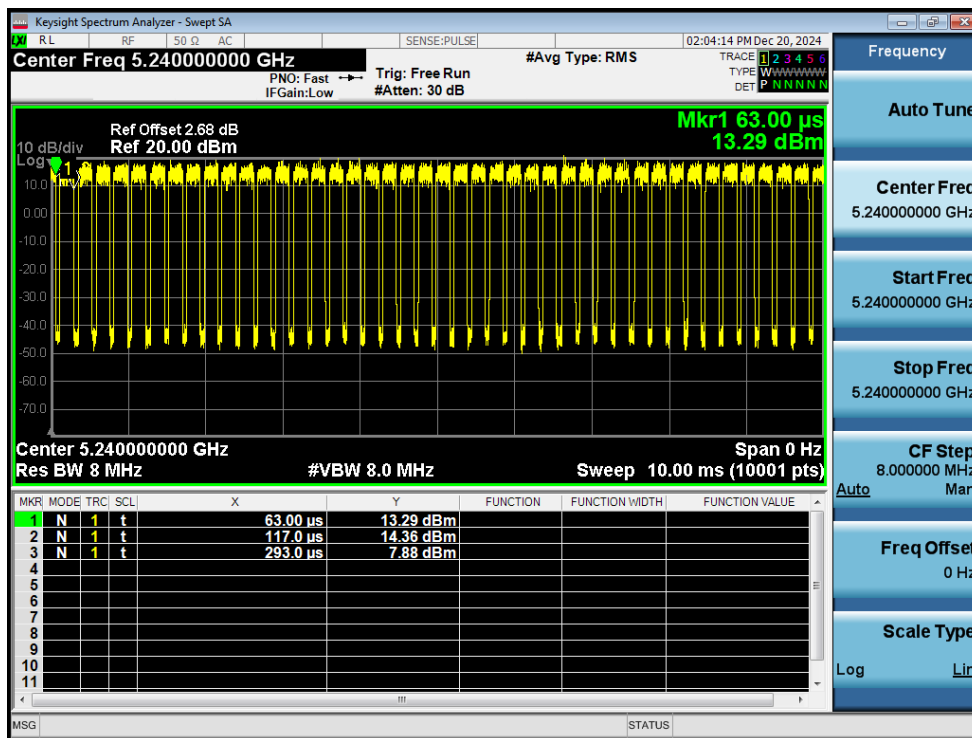
Duty Cycle NVNT a 5240MHz Ant1



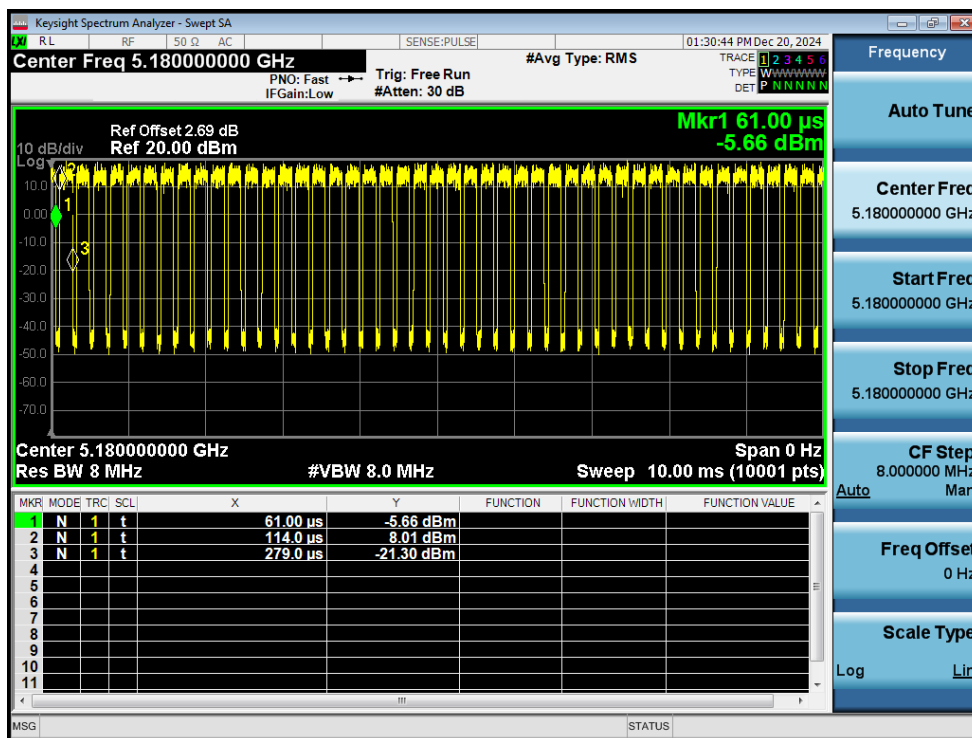
Duty Cycle NVNT a 5180MHz Ant2



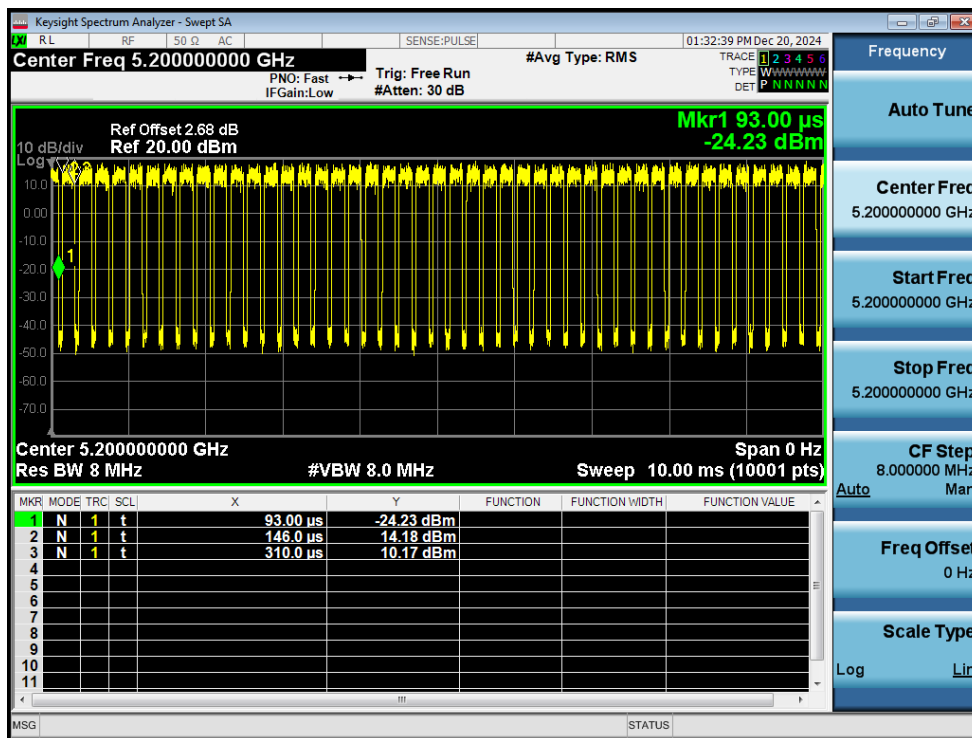
Duty Cycle NVNT a 5200MHz Ant2



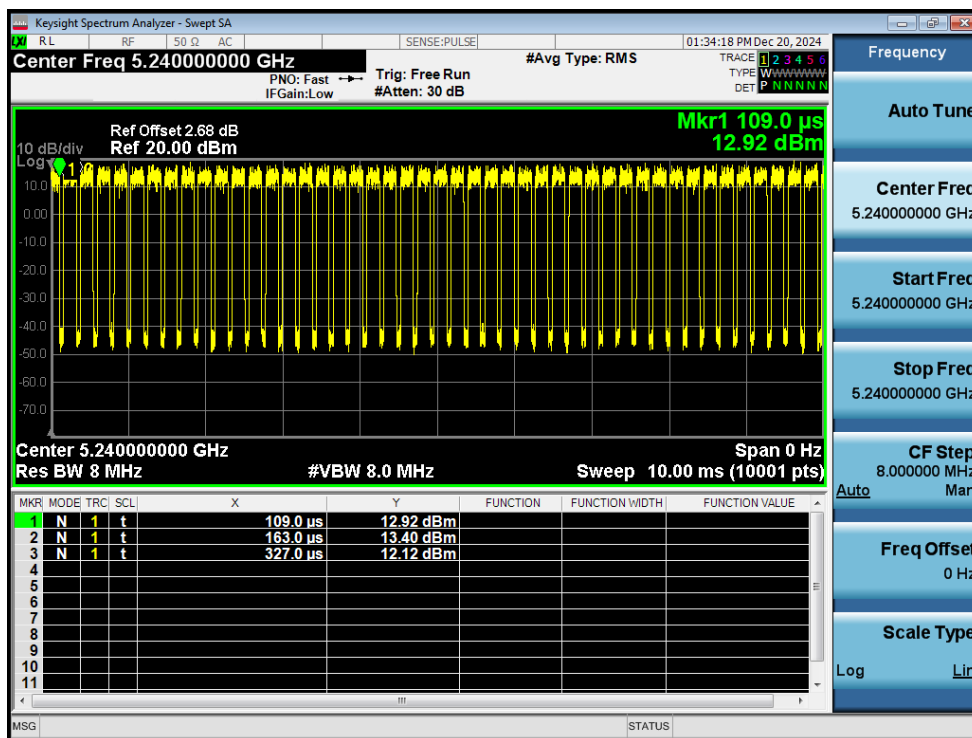
Duty Cycle NVNT a 5240MHz Ant2



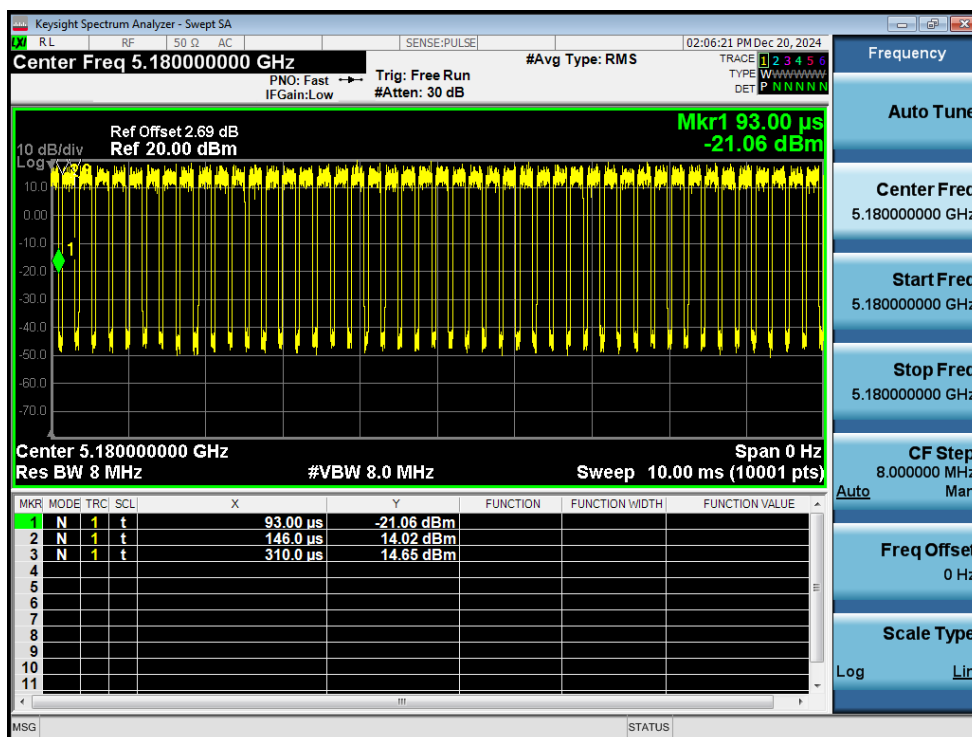
Duty Cycle NVNT n20 5180MHz Ant1



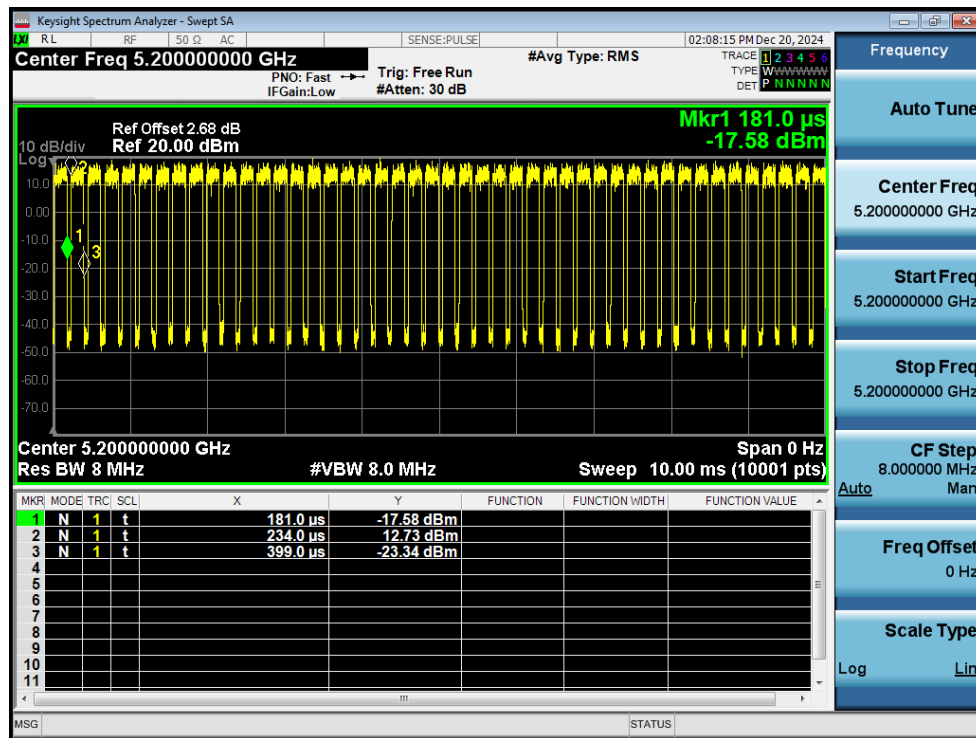
Duty Cycle NVNT n20 5200MHz Ant1



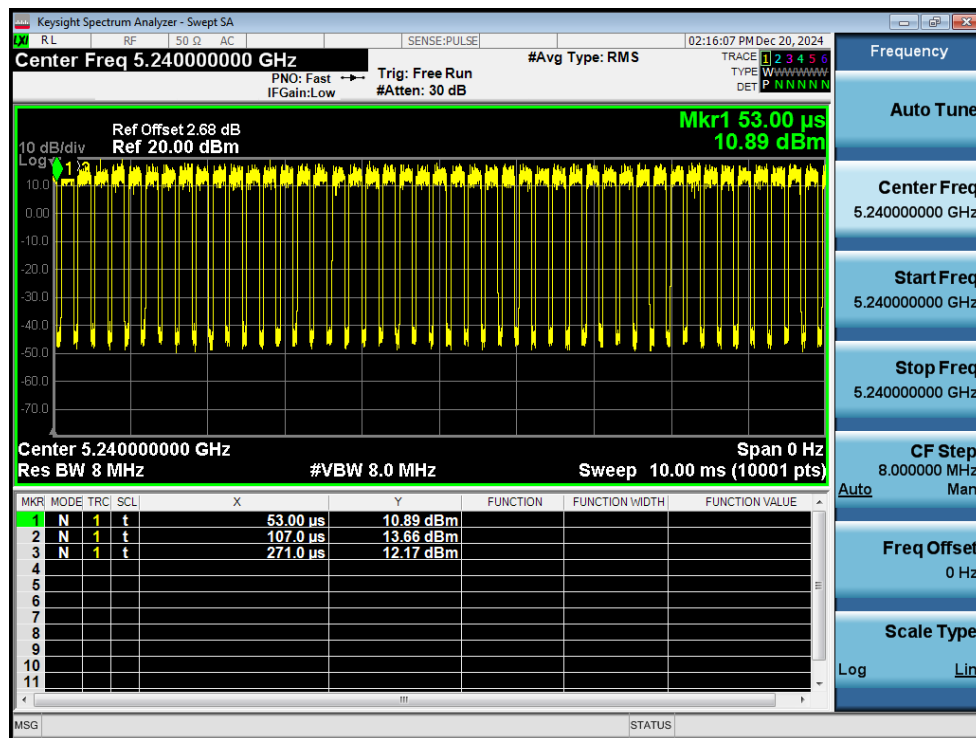
Duty Cycle NVNT n20 5240MHz Ant1



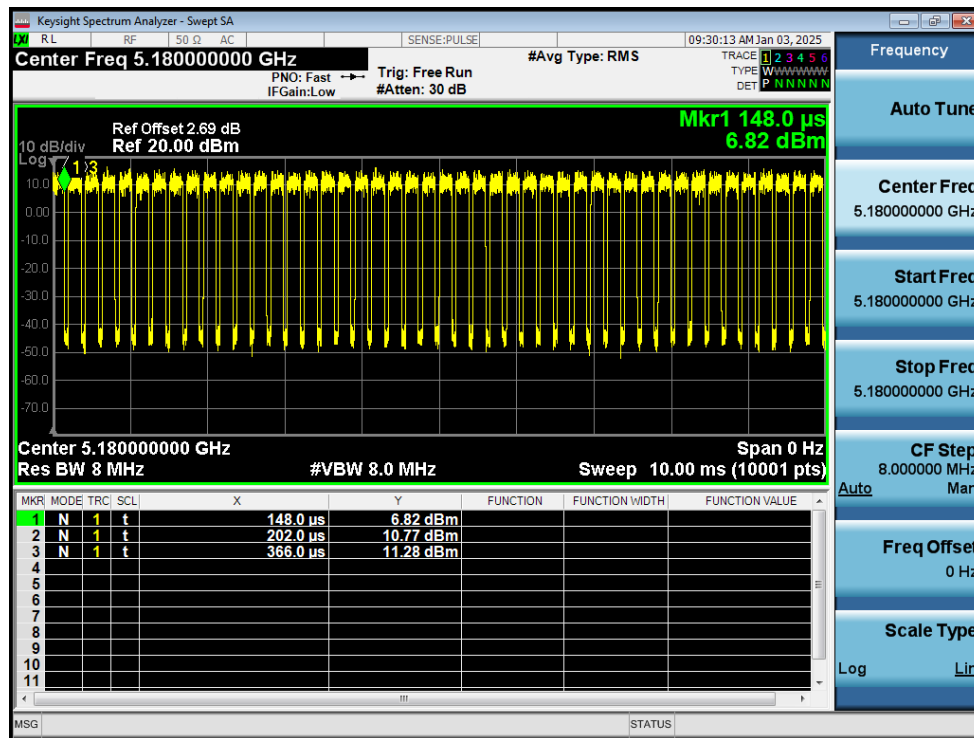
Duty Cycle NVNT n20 5180MHz Ant2



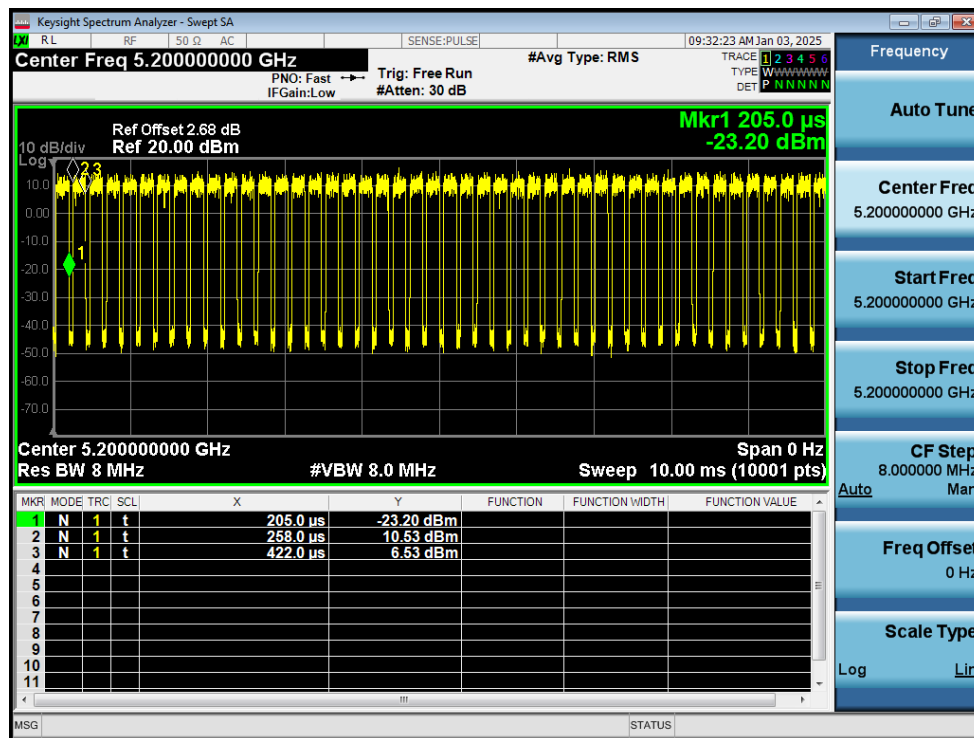
Duty Cycle NVNT n20 5200MHz Ant2



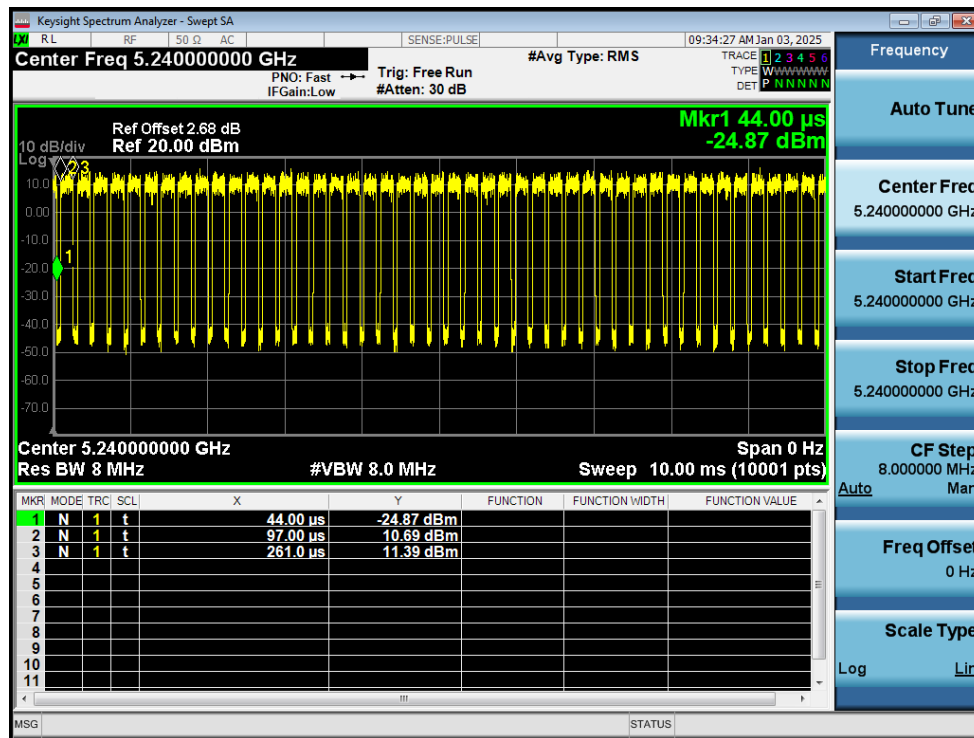
Duty Cycle NVNT n20 5240MHz Ant2



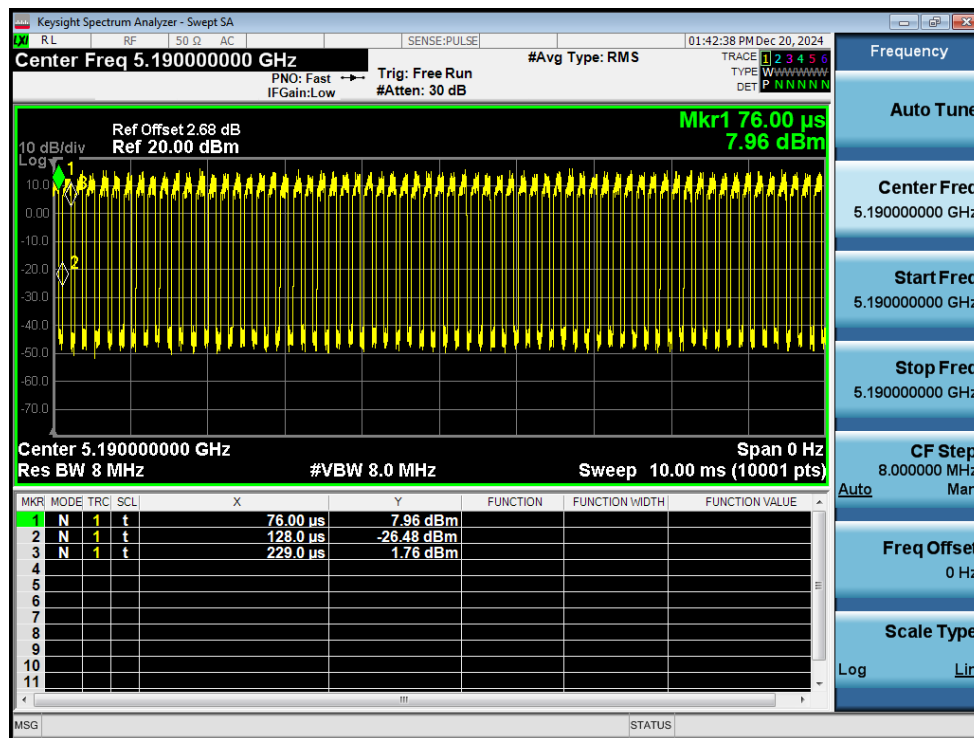
Duty Cycle NVNT n20 5180MHz Sum



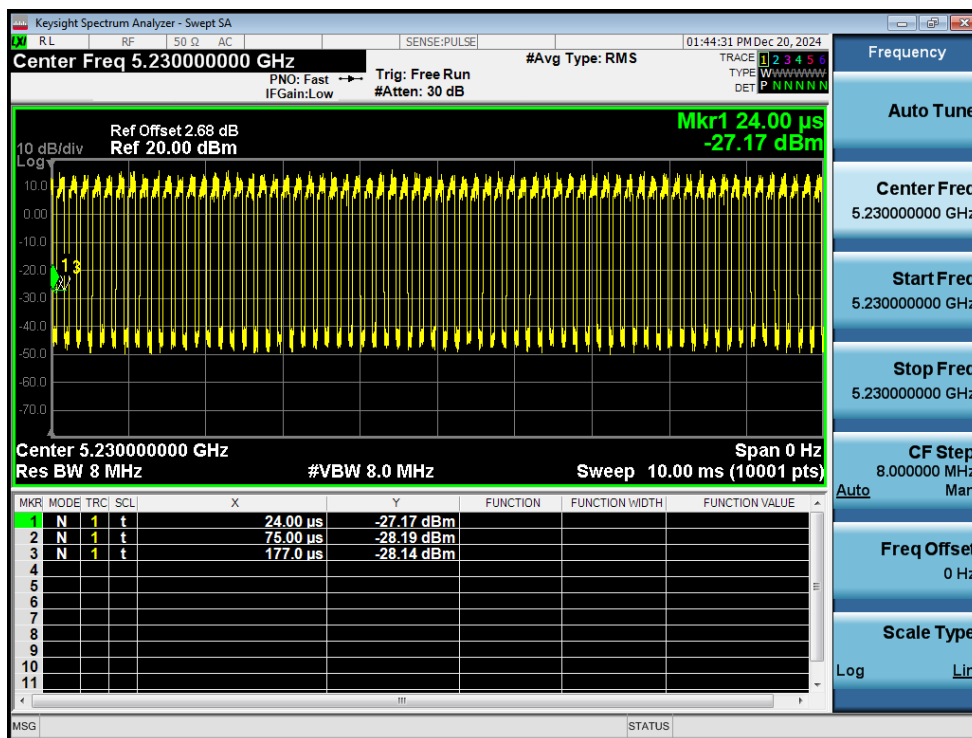
Duty Cycle NVNT n20 5200MHz Sum



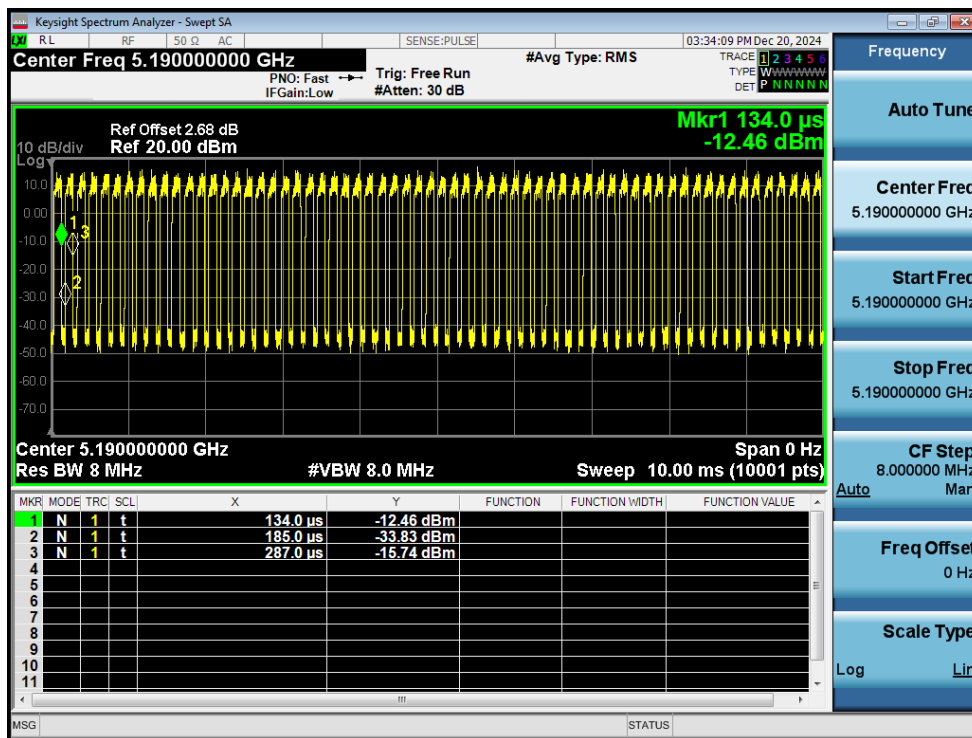
Duty Cycle NVNT n20 5240MHz Sum



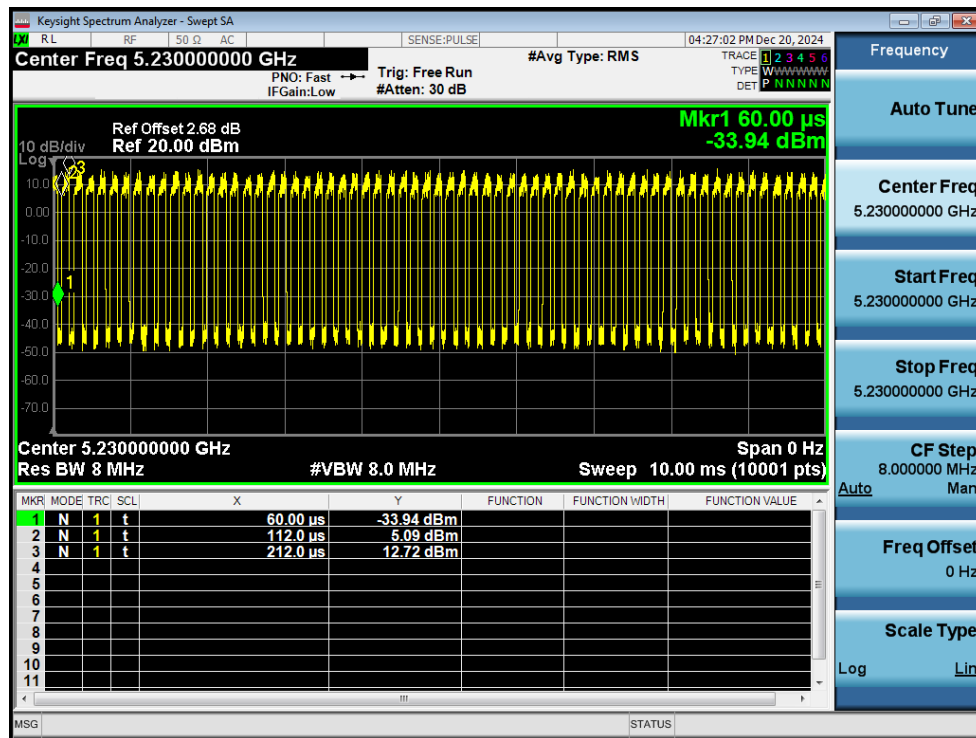
Duty Cycle NVNT n40 5190MHz Ant1



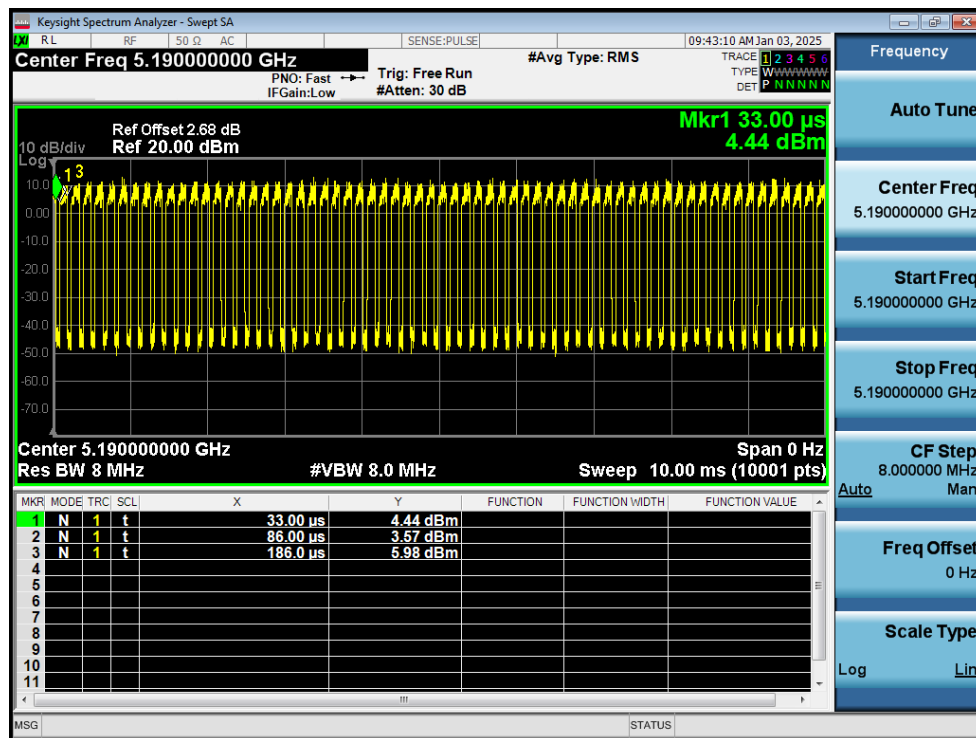
Duty Cycle NVNT n40 5230MHz Ant1



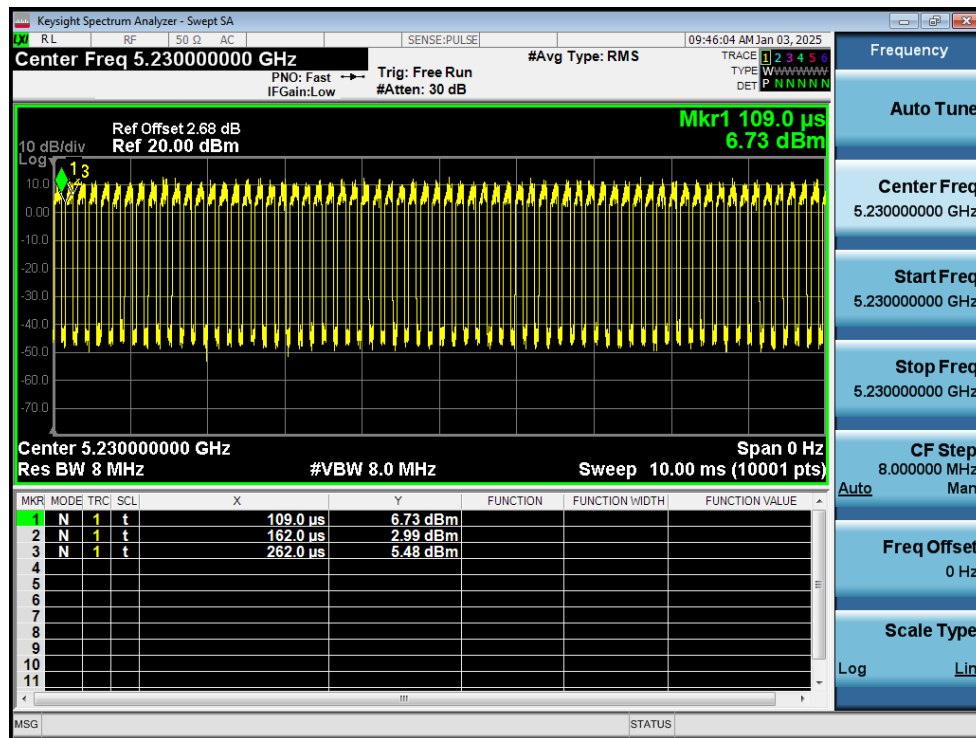
Duty Cycle NVNT n40 5190MHz Ant2



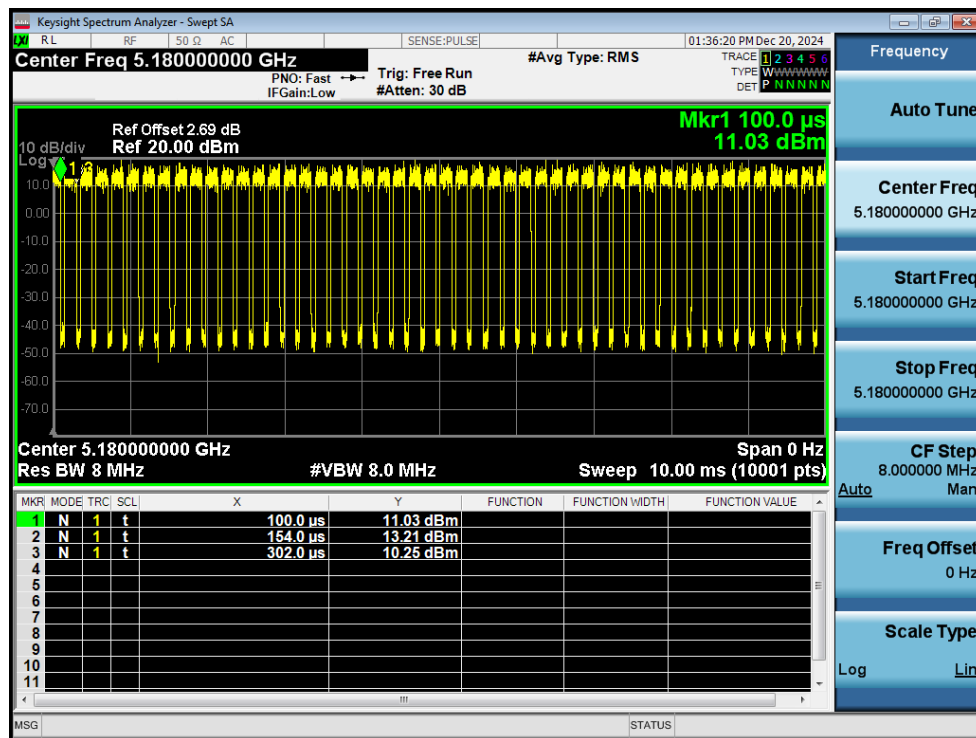
Duty Cycle NVNT n40 5230MHz Ant2



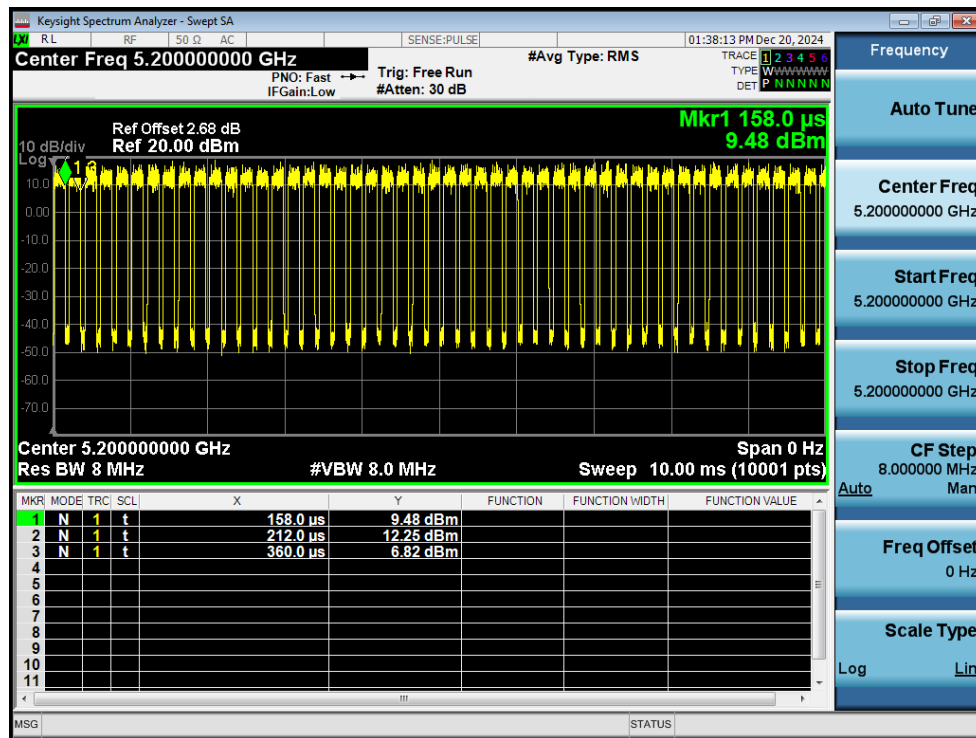
Duty Cycle NVNT n40 5190MHz Sum



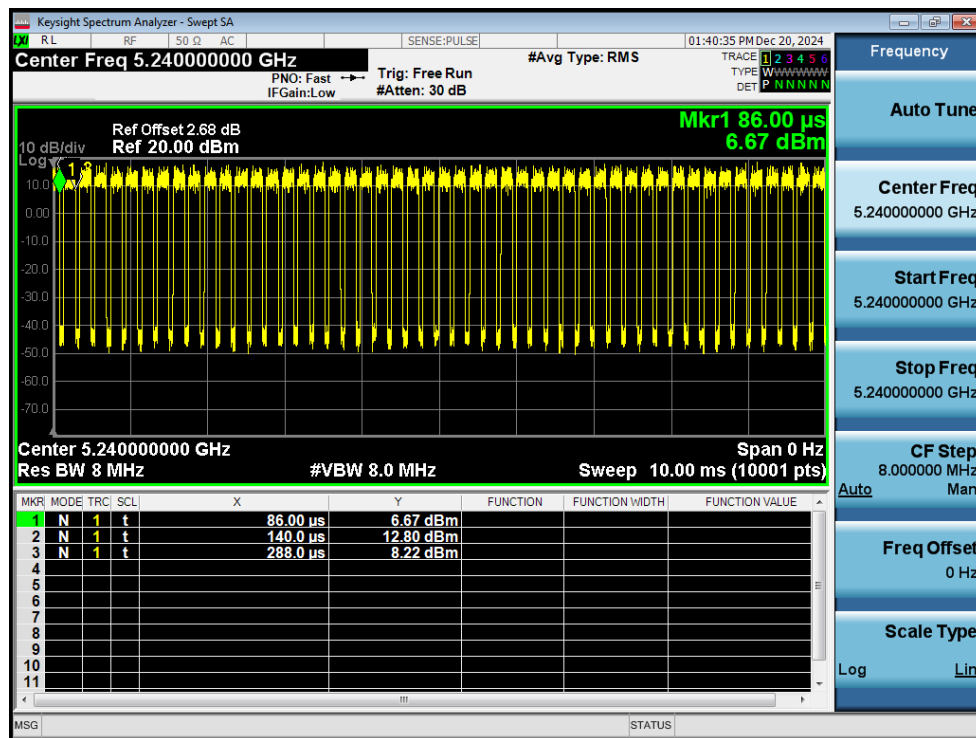
Duty Cycle NVNT n40 5230MHz Sum



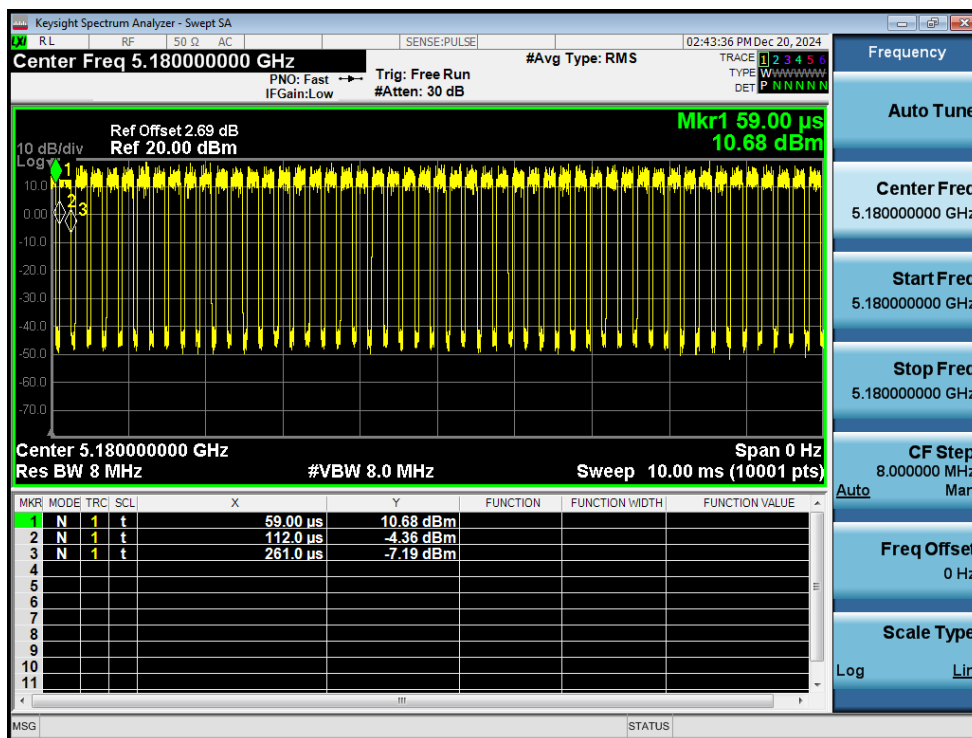
Duty Cycle NVNT ac20 5180MHz Ant1



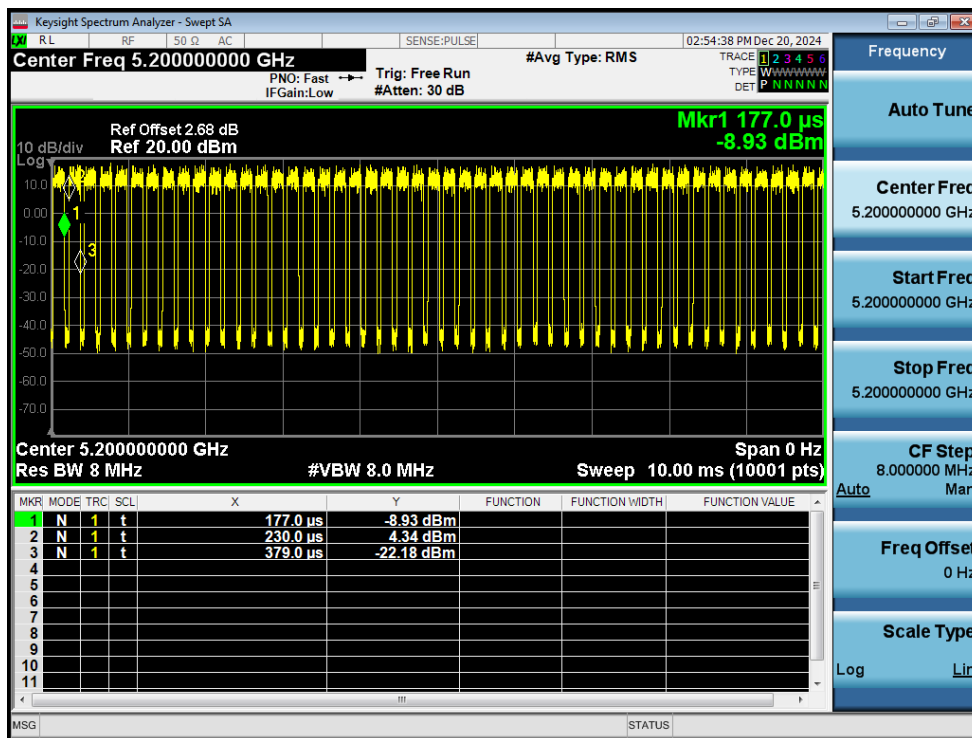
Duty Cycle NVNT ac20 5200MHz Ant1



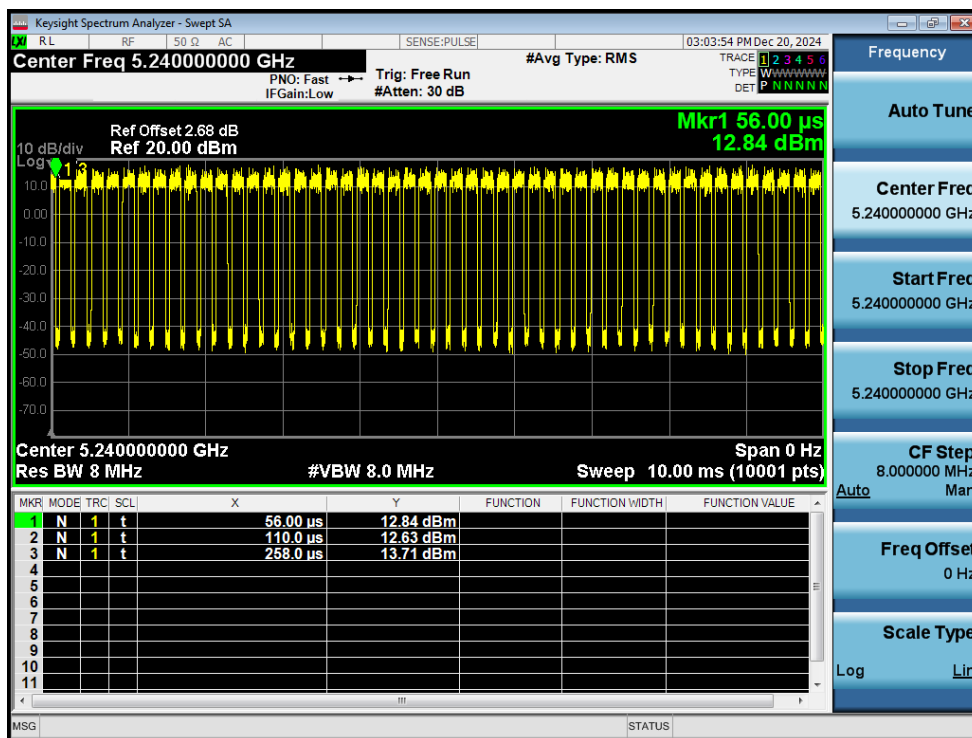
Duty Cycle NVNT ac20 5240MHz Ant1



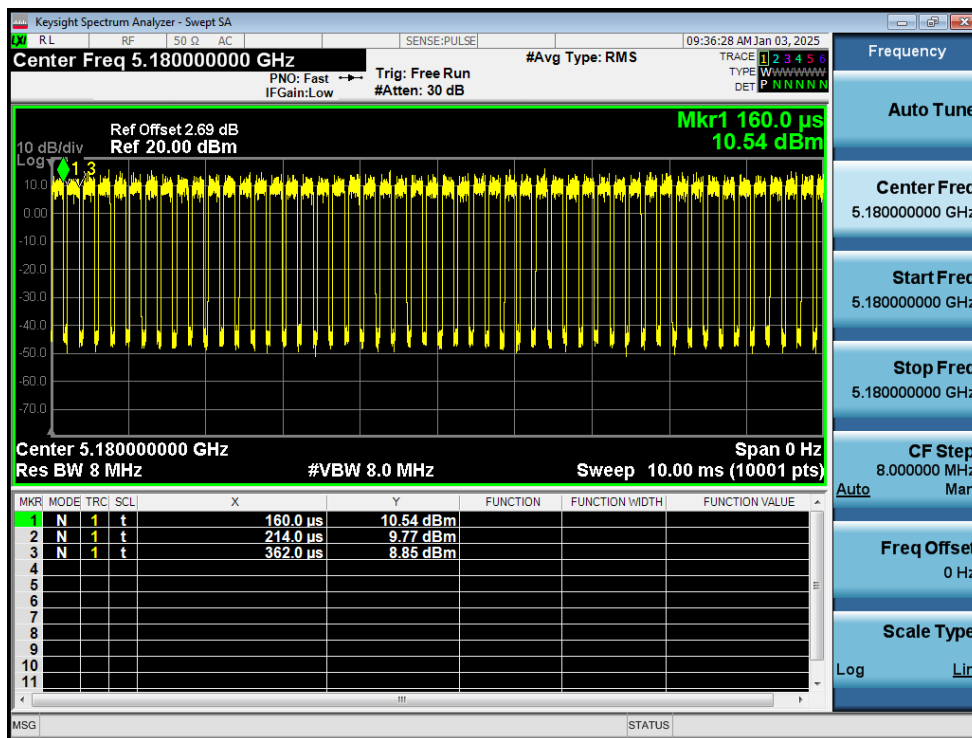
Duty Cycle NVNT ac20 5180MHz Ant2



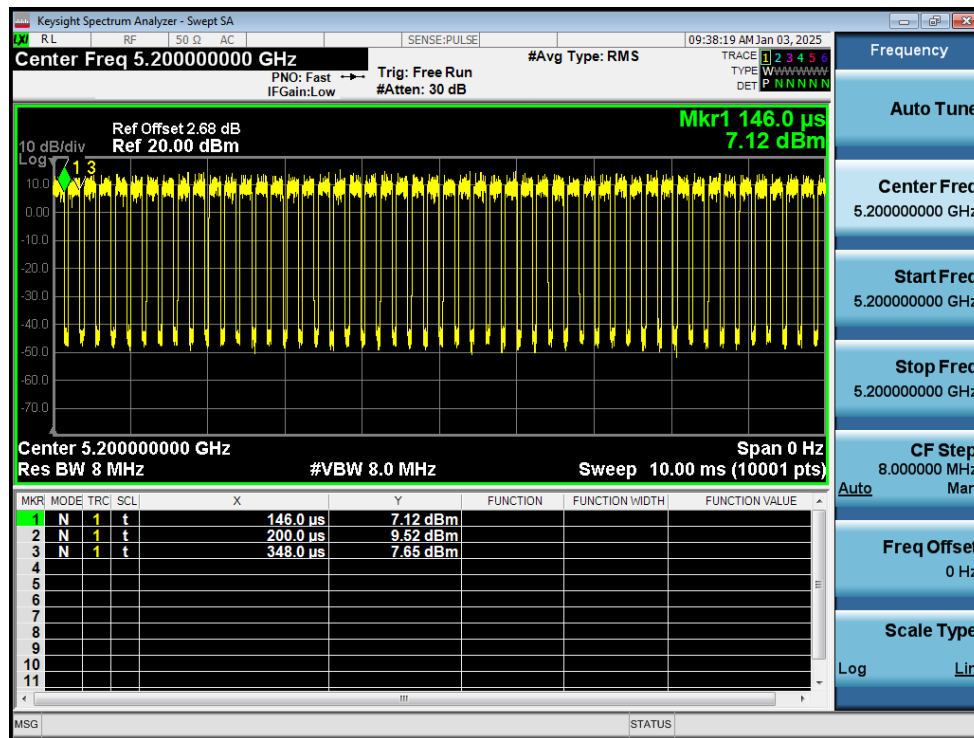
Duty Cycle NVNT ac20 5200MHz Ant2



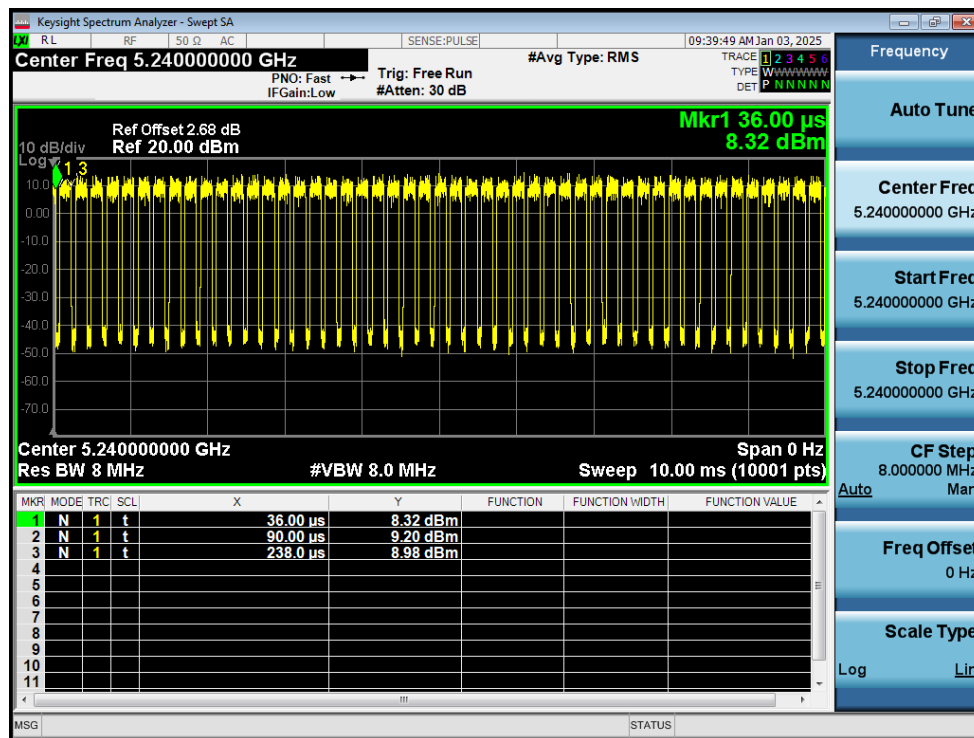
Duty Cycle NVNT ac20 5240MHz Ant2



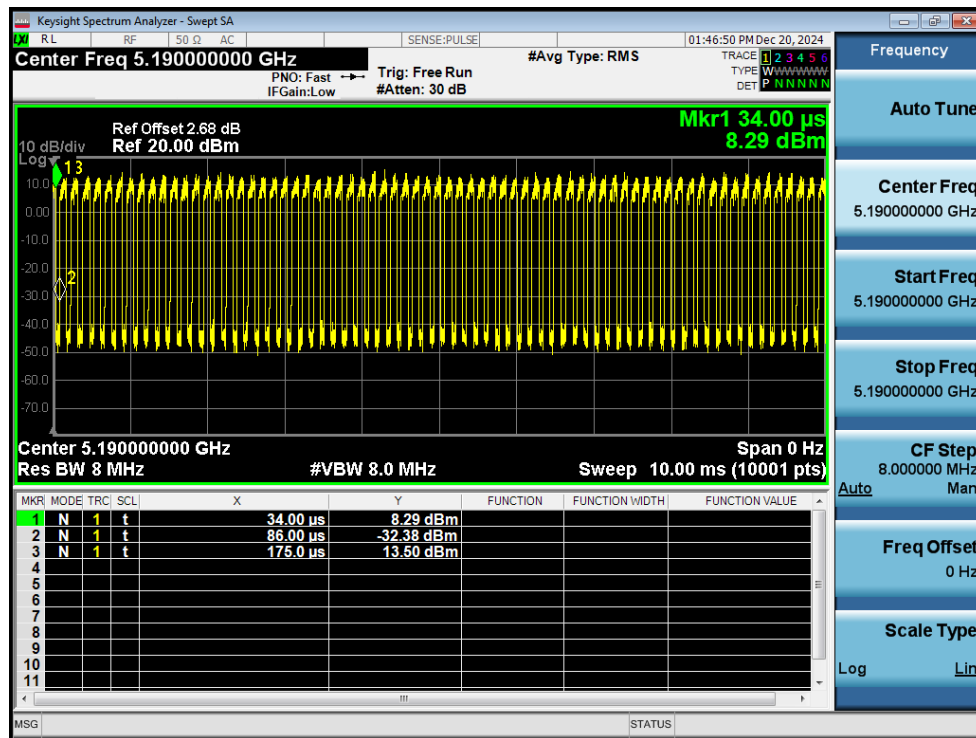
Duty Cycle NVNT ac20 5180MHz Sum



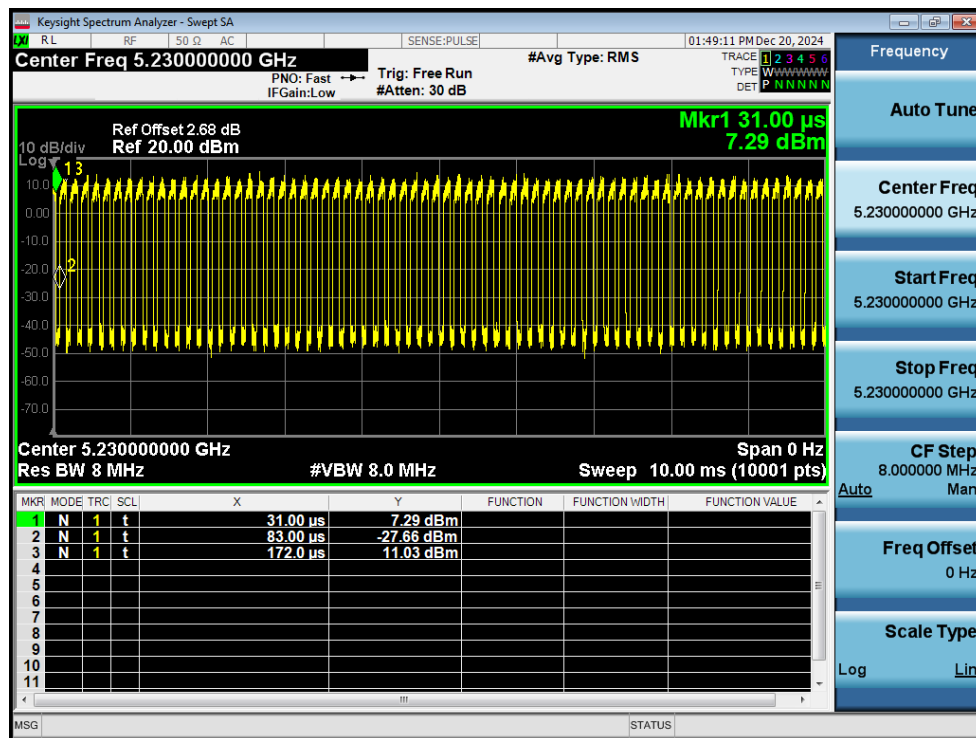
Duty Cycle NVNT ac20 5200MHz Sum



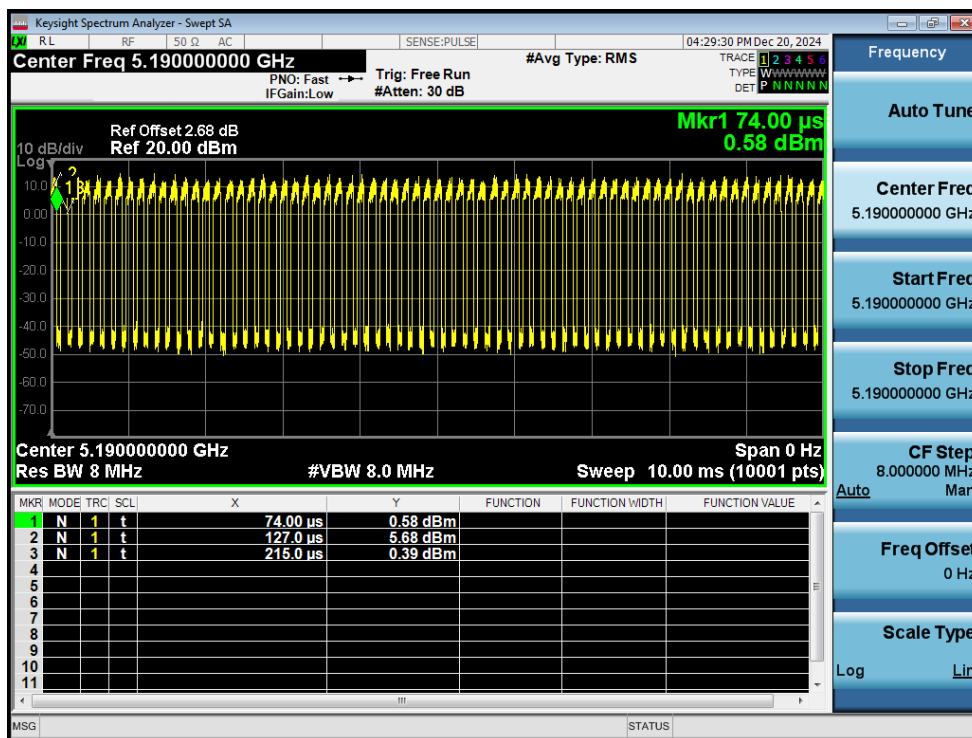
Duty Cycle NVNT ac20 5240MHz Sum



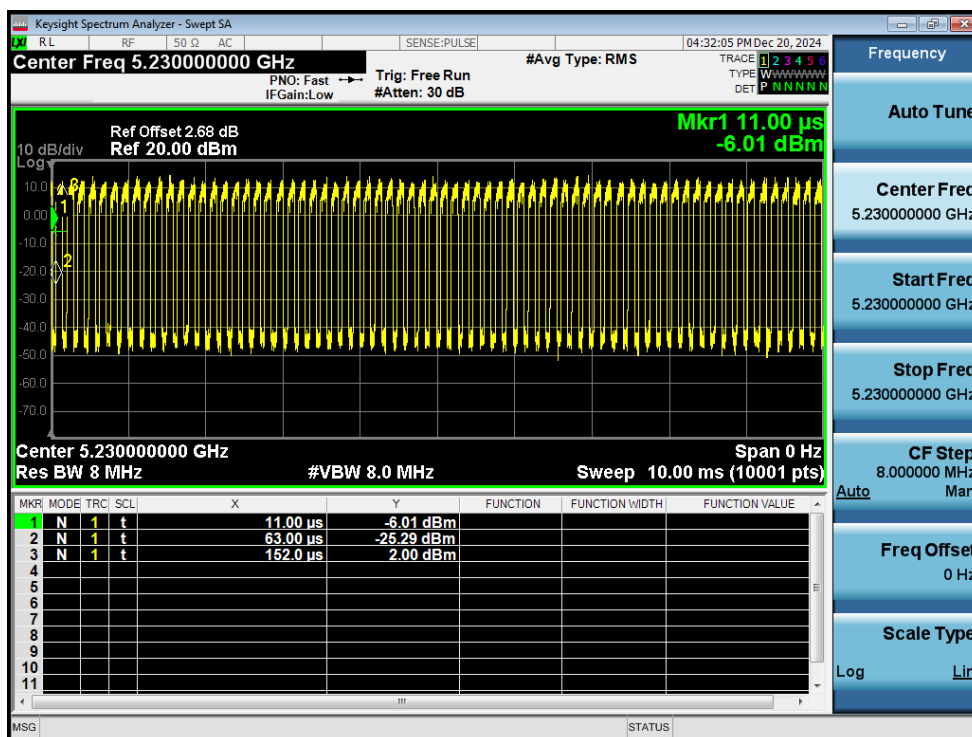
Duty Cycle NVNT ac40 5190MHz Ant1



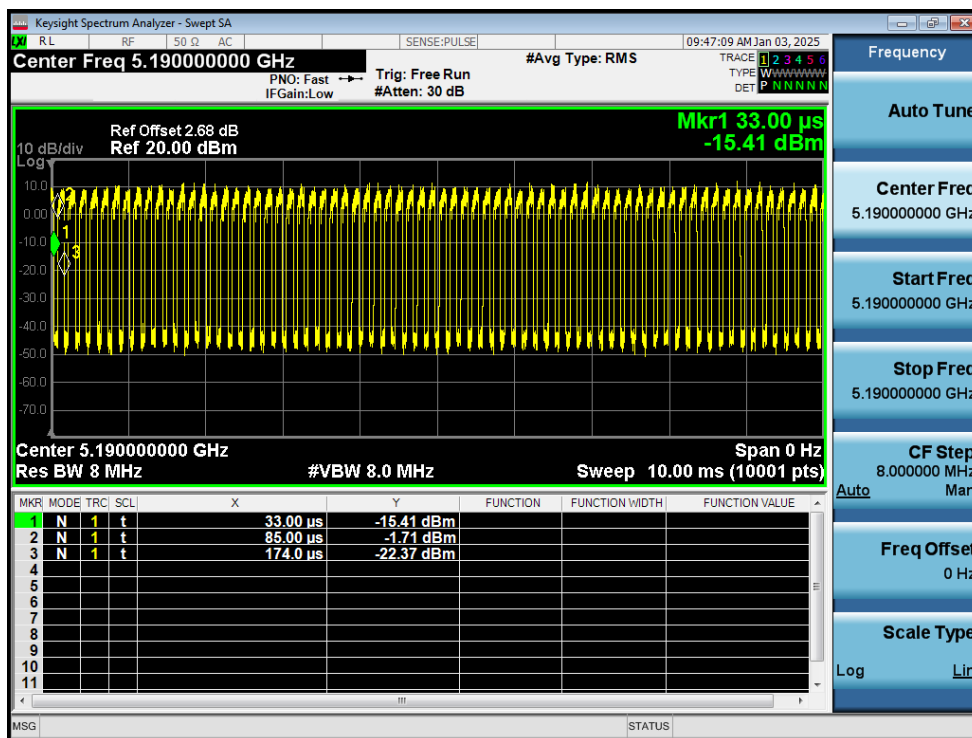
Duty Cycle NVNT ac40 5230MHz Ant1



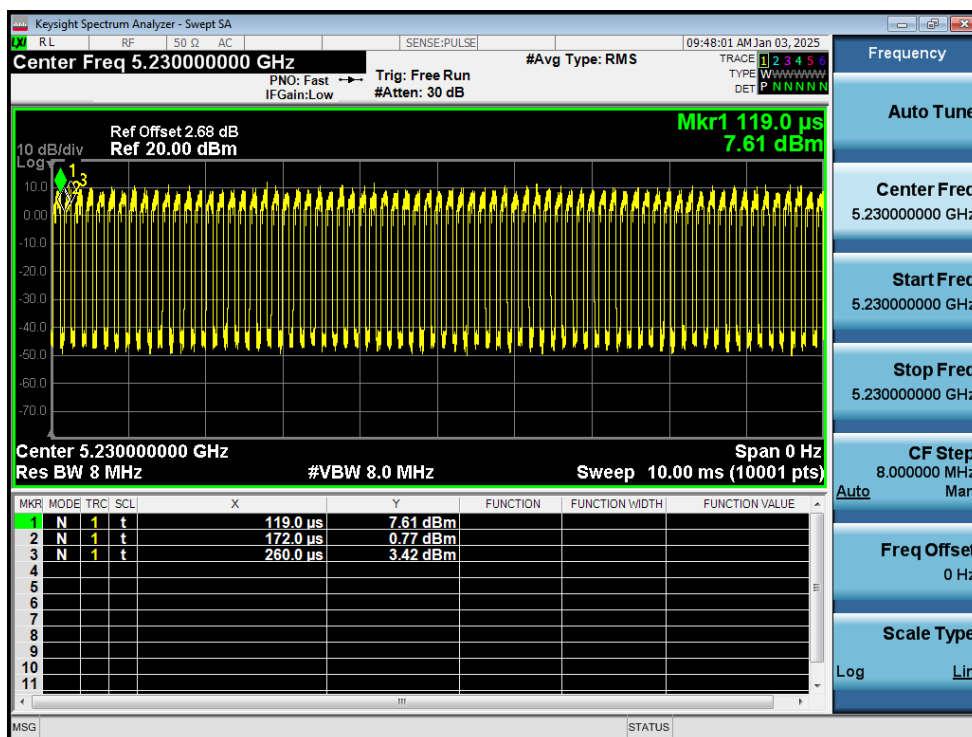
Duty Cycle NVNT ac40 5190MHz Ant2



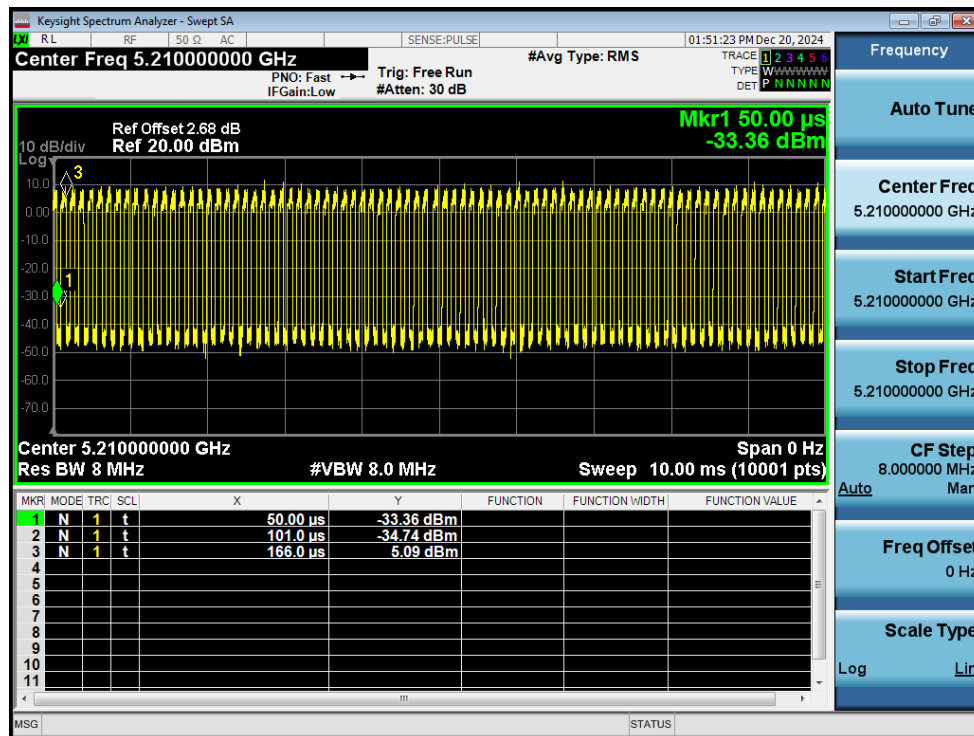
Duty Cycle NVNT ac40 5230MHz Ant2



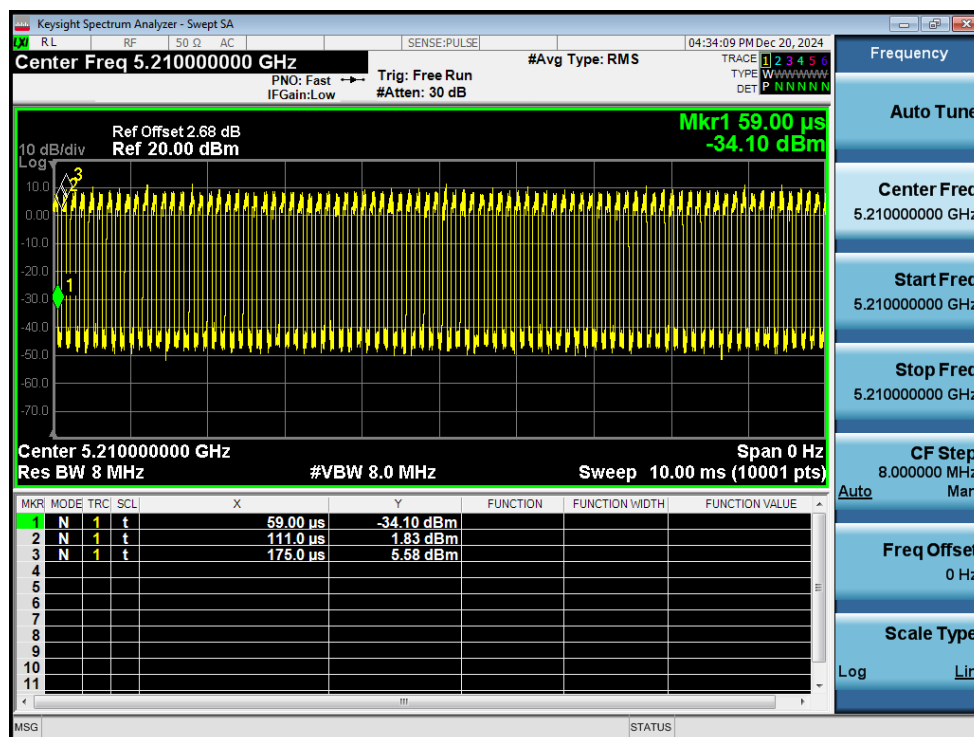
Duty Cycle NVNT ac40 5190MHz Sum



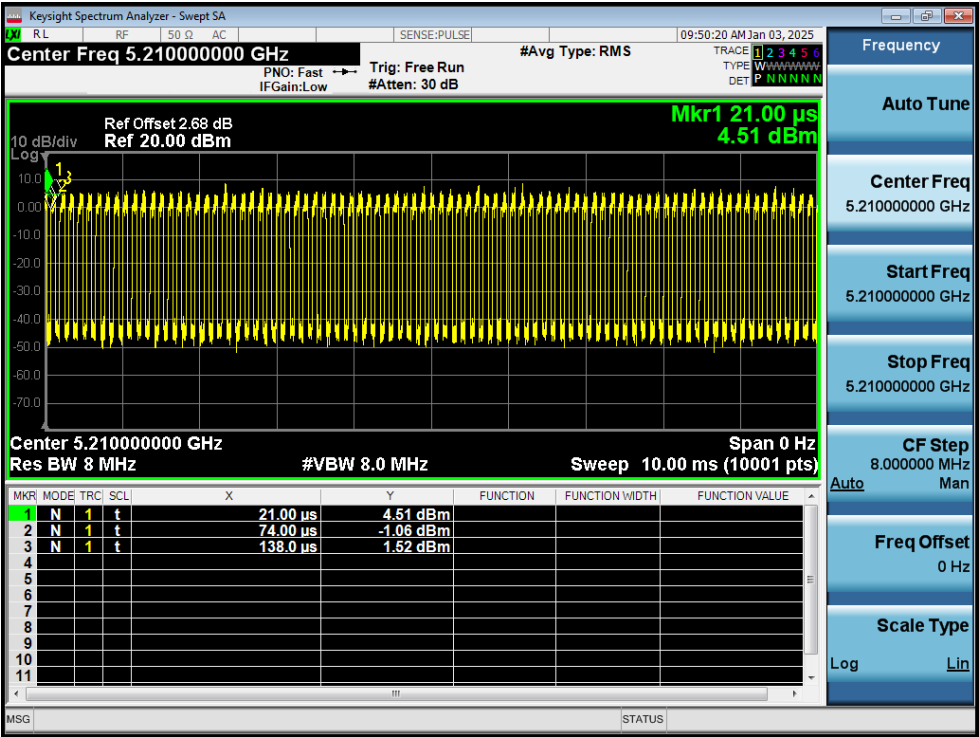
Duty Cycle NVNT ac40 5230MHz Sum



Duty Cycle NVNT ac80 5210MHz Ant1



Duty Cycle NVNT ac80 5210MHz Ant2



Duty Cycle NVNT ac80 5210MHz Sum

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	11.72	1.09	12.81	24	Pass
NVNT	a	5200	Ant1	11.23	1.09	12.32	24	Pass
NVNT	a	5240	Ant1	11.19	1.11	12.3	24	Pass
NVNT	a	5180	Ant2	11.42	1.16	12.58	24	Pass
NVNT	a	5200	Ant2	11.09	1.14	12.23	24	Pass
NVNT	a	5240	Ant2	10.89	1.16	12.05	24	Pass
NVNT	n20	5180	Ant1	10.64	1.21	11.85	24	Pass
NVNT	n20	5200	Ant1	10.22	1.22	11.44	24	Pass
NVNT	n20	5240	Ant1	10.06	1.24	11.3	24	Pass
NVNT	n20	5180	Ant2	10.28	1.22	11.5	24	Pass
NVNT	n20	5200	Ant2	10	1.21	11.21	24	Pass
NVNT	n20	5240	Ant2	9.88	1.24	11.12	24	Pass
NVNT	n40	5190	Ant1	9.71	1.8	11.51	24	Pass
NVNT	n40	5230	Ant1	9.41	1.76	11.17	24	Pass
NVNT	n40	5190	Ant2	9.63	1.76	11.39	24	Pass
NVNT	n40	5230	Ant2	9.44	1.82	11.26	24	Pass
NVNT	ac20	5180	Ant1	9.5	1.35	10.85	24	Pass
NVNT	ac20	5200	Ant1	9.04	1.35	10.39	24	Pass
NVNT	ac20	5240	Ant1	8.95	1.35	10.3	24	Pass
NVNT	ac20	5180	Ant2	9.25	1.32	10.57	24	Pass
NVNT	ac20	5200	Ant2	8.88	1.32	10.2	24	Pass
NVNT	ac20	5240	Ant2	8.77	1.35	10.12	24	Pass
NVNT	ac40	5190	Ant1	8.6	2	10.6	24	Pass
NVNT	ac40	5230	Ant1	8.3	2	10.3	24	Pass
NVNT	ac40	5190	Ant2	8.43	2.05	10.48	24	Pass
NVNT	ac40	5230	Ant2	8.15	2	10.15	24	Pass
NVNT	ac80	5210	Ant1	7.96	2.52	10.48	24	Pass
NVNT	ac80	5210	Ant2	7.77	2.58	10.35	24	Pass

Note: Total power=Conducted power + Duty factor

MIMO mode:

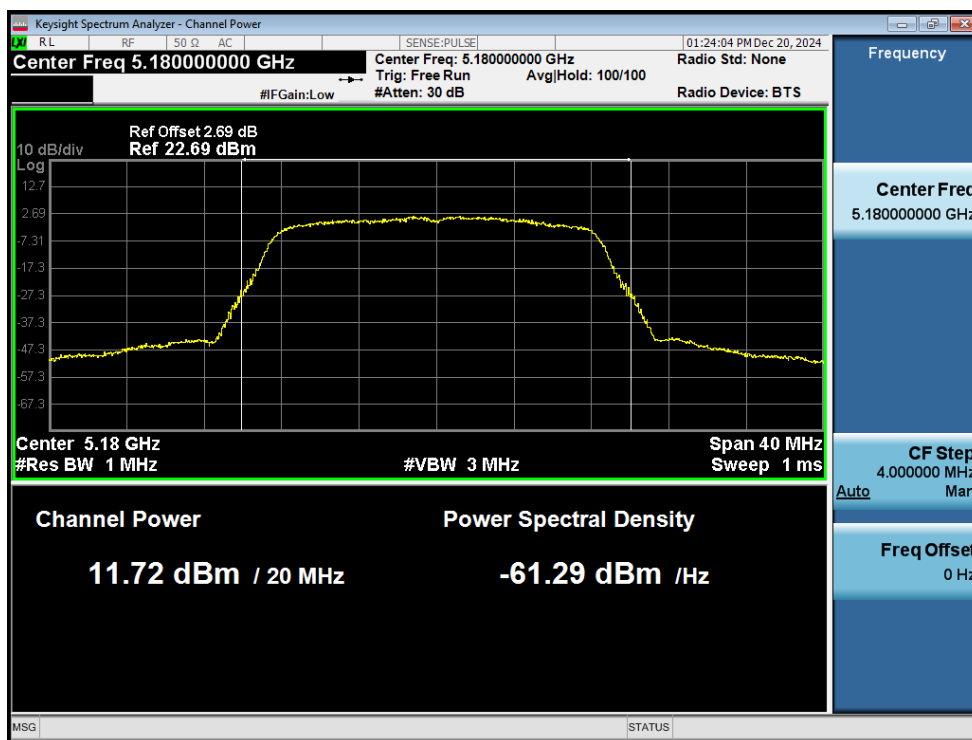
Condition	Mode	Frequency (MHz)	Antenna	Conducted Power (dBm)	Duty Factor (dB)	Total Power (dBm)	Limit (dBm)	Verdict
NVNT	n20	5180	Ant1	7.22	1.24	8.46	24	Pass
NVNT	n20	5180	Ant2	6.57	1.24	7.81	24	Pass
NVNT	n20	5180	MIMO	9.92	1.24	11.16	22.13	Pass
NVNT	n20	5200	Ant1	6.84	1.22	8.06	24	Pass
NVNT	n20	5200	Ant2	6.35	1.22	7.57	24	Pass
NVNT	n20	5200	MIMO	9.61	1.22	10.83	22.13	Pass
NVNT	n20	5240	Ant1	6.75	1.22	7.97	24	Pass
NVNT	n20	5240	Ant2	6.31	1.22	7.53	24	Pass
NVNT	n20	5240	MIMO	9.55	1.22	10.77	22.13	Pass
NVNT	n40	5190	Ant1	6.44	1.85	8.29	24	Pass
NVNT	n40	5190	Ant2	5.86	1.85	7.71	24	Pass
NVNT	n40	5190	MIMO	9.17	1.85	11.02	22.13	Pass
NVNT	n40	5230	Ant1	6.13	1.85	7.98	24	Pass
NVNT	n40	5230	Ant2	5.58	1.85	7.43	24	Pass
NVNT	n40	5230	MIMO	8.87	1.85	10.72	22.13	Pass
NVNT	ac20	5180	Ant1	6.07	1.35	7.42	24	Pass
NVNT	ac20	5180	Ant2	5.47	1.35	6.82	24	Pass
NVNT	ac20	5180	MIMO	8.79	1.35	10.14	22.13	Pass
NVNT	ac20	5200	Ant1	5.67	1.35	7.02	24	Pass
NVNT	ac20	5200	Ant2	5.18	1.35	6.53	24	Pass
NVNT	ac20	5200	MIMO	8.44	1.35	9.79	22.13	Pass
NVNT	ac20	5240	Ant1	5.56	1.35	6.91	24	Pass
NVNT	ac20	5240	Ant2	5.08	1.35	6.43	24	Pass
NVNT	ac20	5240	MIMO	8.34	1.35	9.69	22.13	Pass
NVNT	ac40	5190	Ant1	5.29	2	7.29	24	Pass
NVNT	ac40	5190	Ant2	4.74	2	6.74	24	Pass
NVNT	ac40	5190	MIMO	8.03	2	10.03	22.13	Pass
NVNT	ac40	5230	Ant1	4.83	2.05	6.88	24	Pass
NVNT	ac40	5230	Ant2	4.33	2.05	6.38	24	Pass
NVNT	ac40	5230	MIMO	7.6	2.05	9.65	22.13	Pass
NVNT	ac80	5210	Ant1	4.5	2.62	7.12	24	Pass
NVNT	ac80	5210	Ant2	3.89	2.62	6.51	24	Pass
NVNT	ac80	5210	MIMO	7.22	2.62	9.84	22.13	Pass

Note: Total power=Conducted power + Duty factor

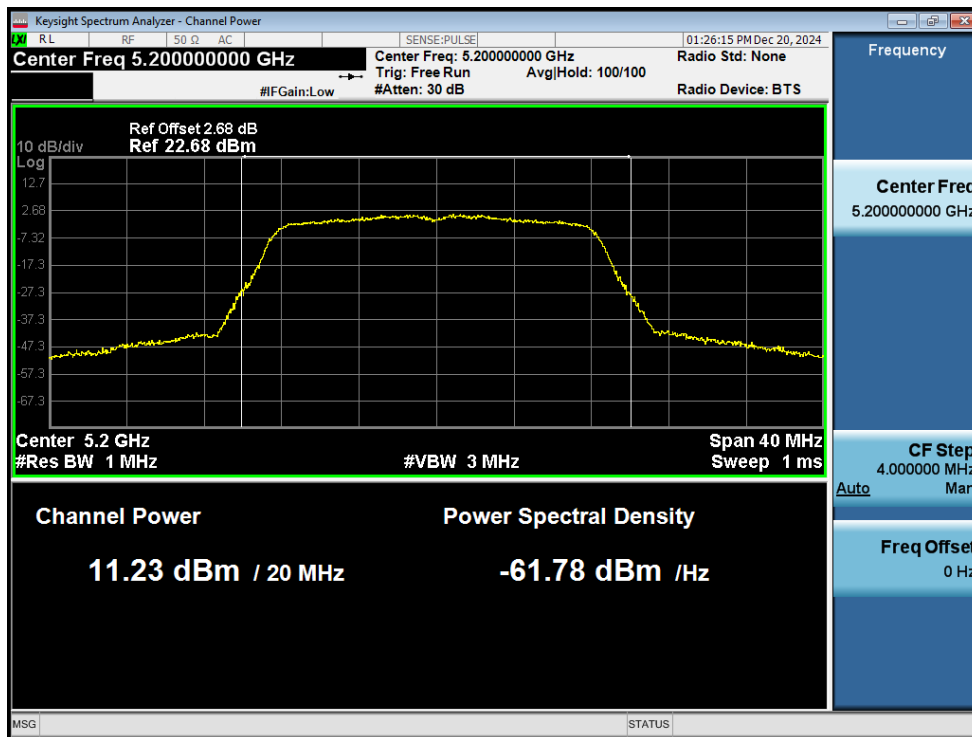
Note: MIMO Power=ANT1 Power+ANT2 Power

Antenna Gain: ANT1:4.69dBi, ANT2:4.86dBi, Sum:7.87dBi

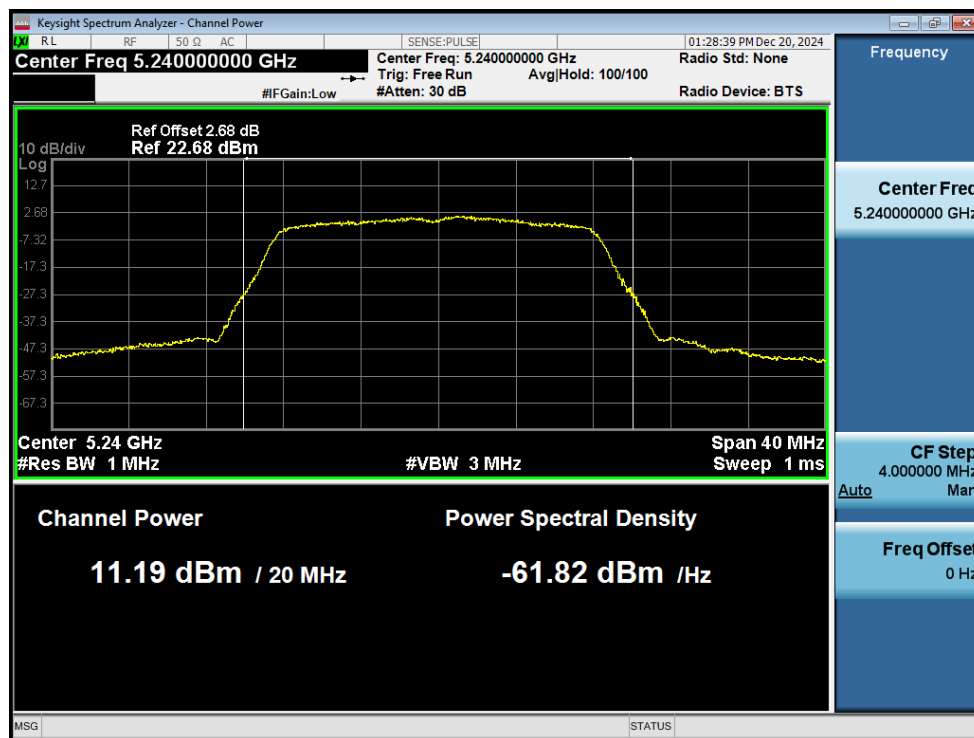
SISO:



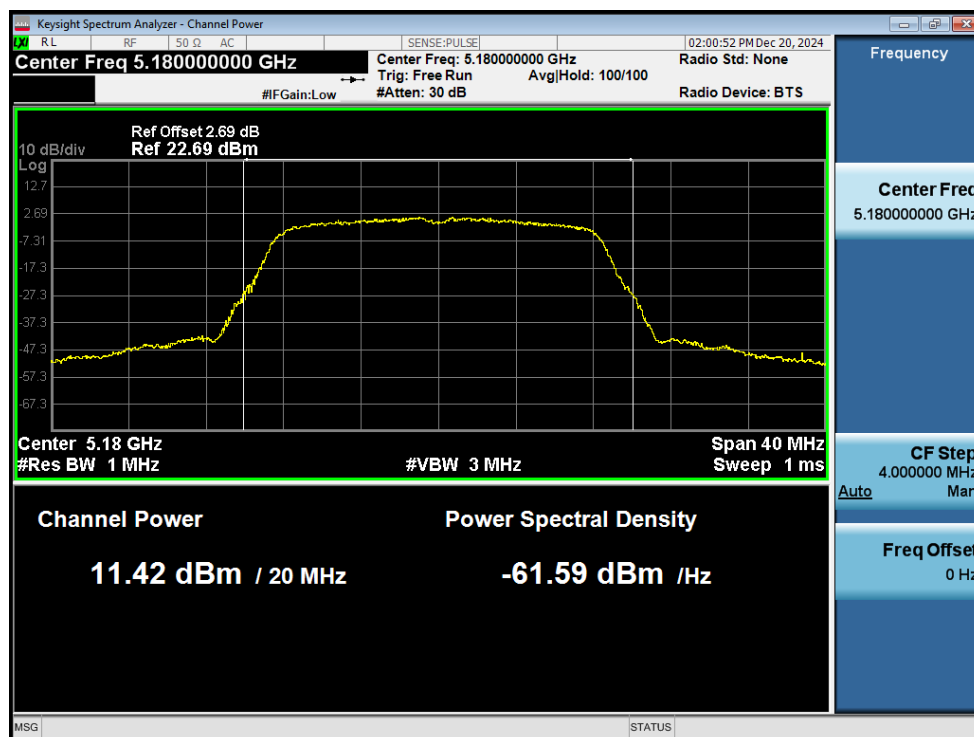
Power NVNT a 5180MHz Ant1



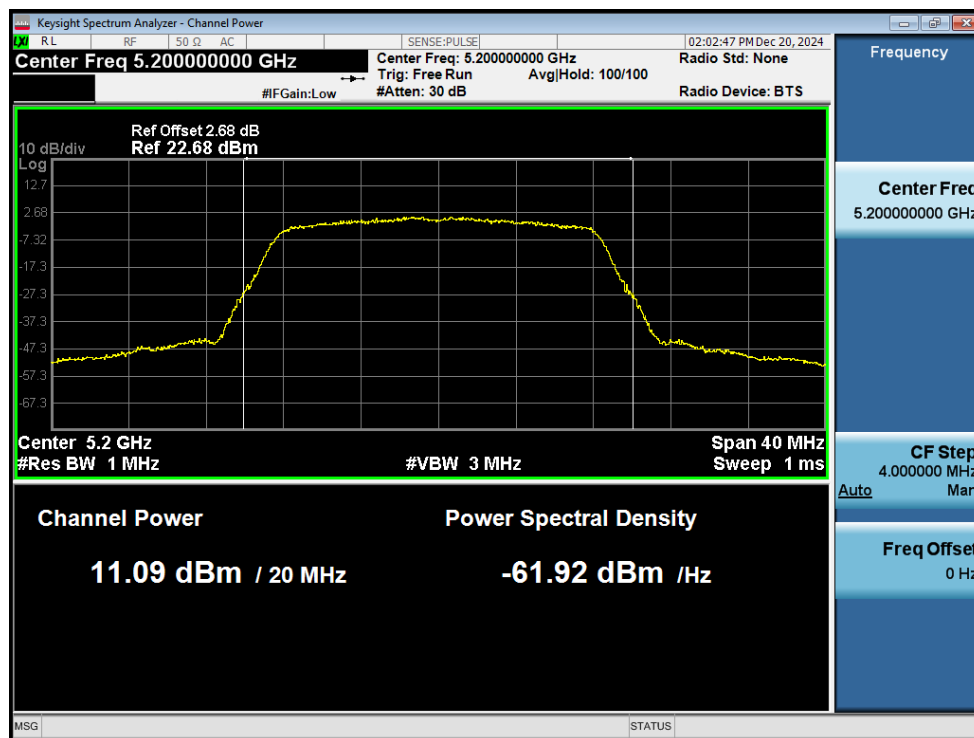
Power NVNT a 5200MHz Ant1



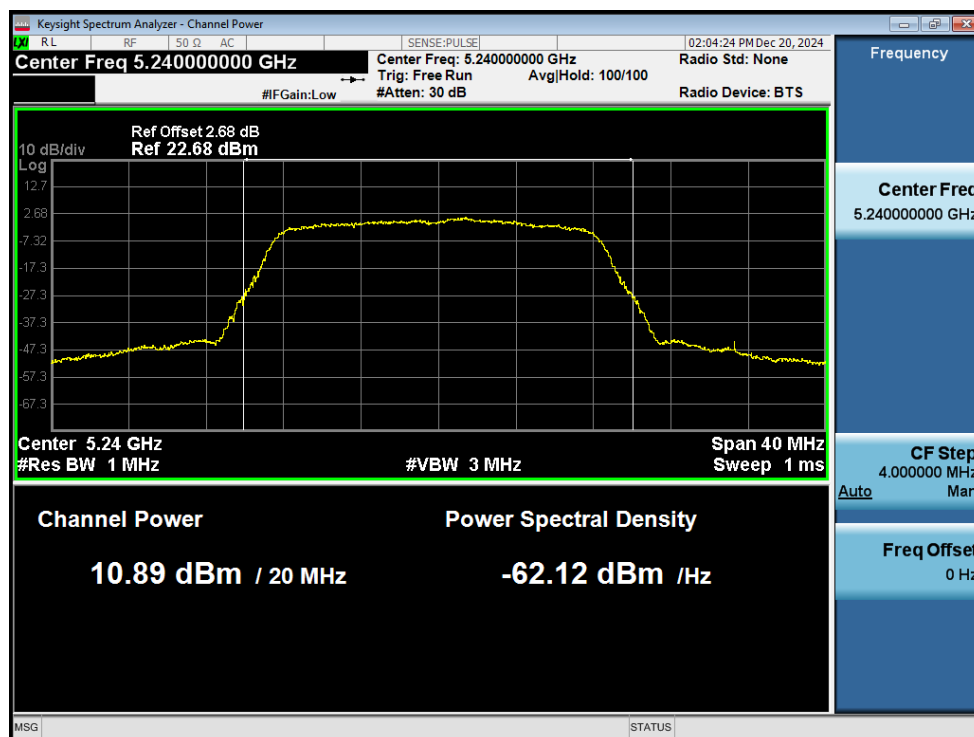
Power NVNT a 5240MHz Ant1



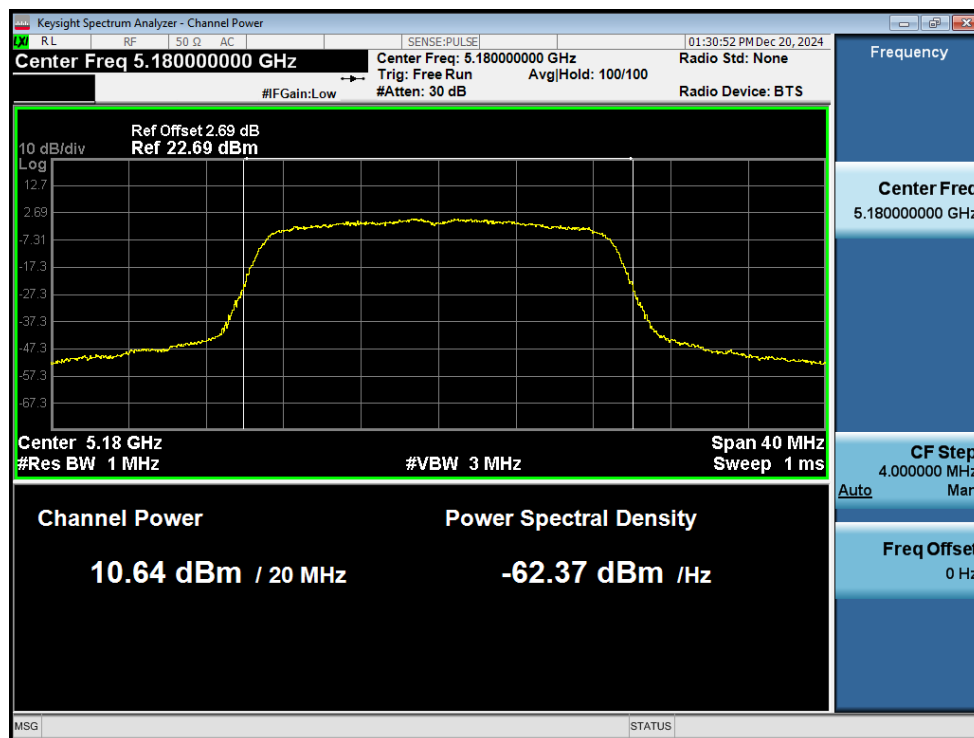
Power NVNT a 5180MHz Ant2



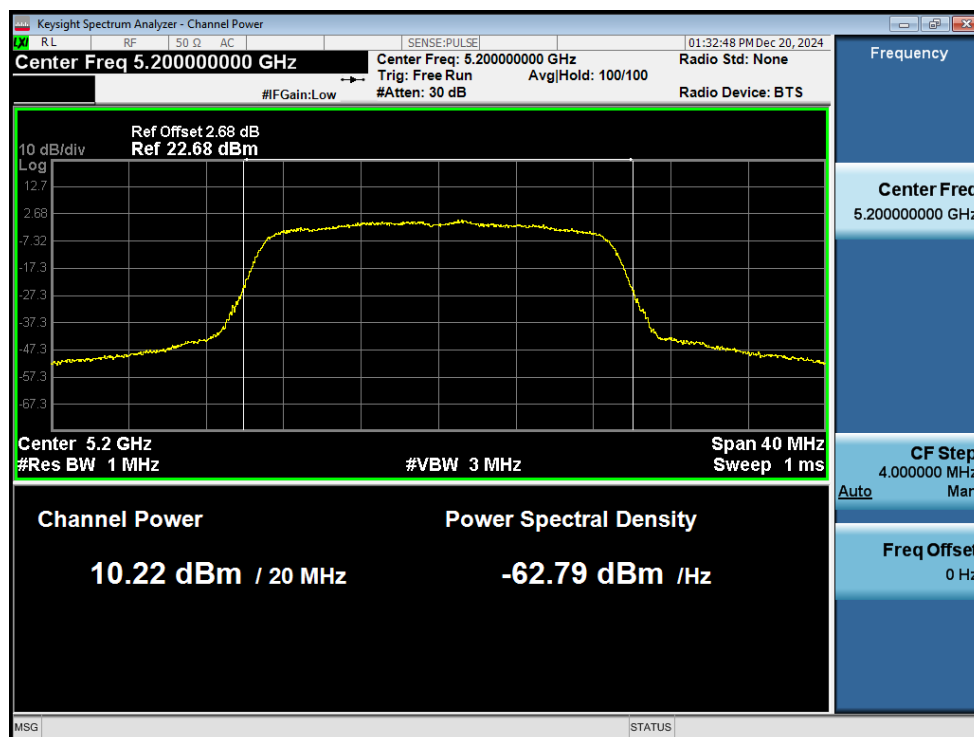
Power NVNT a 5200MHz Ant2



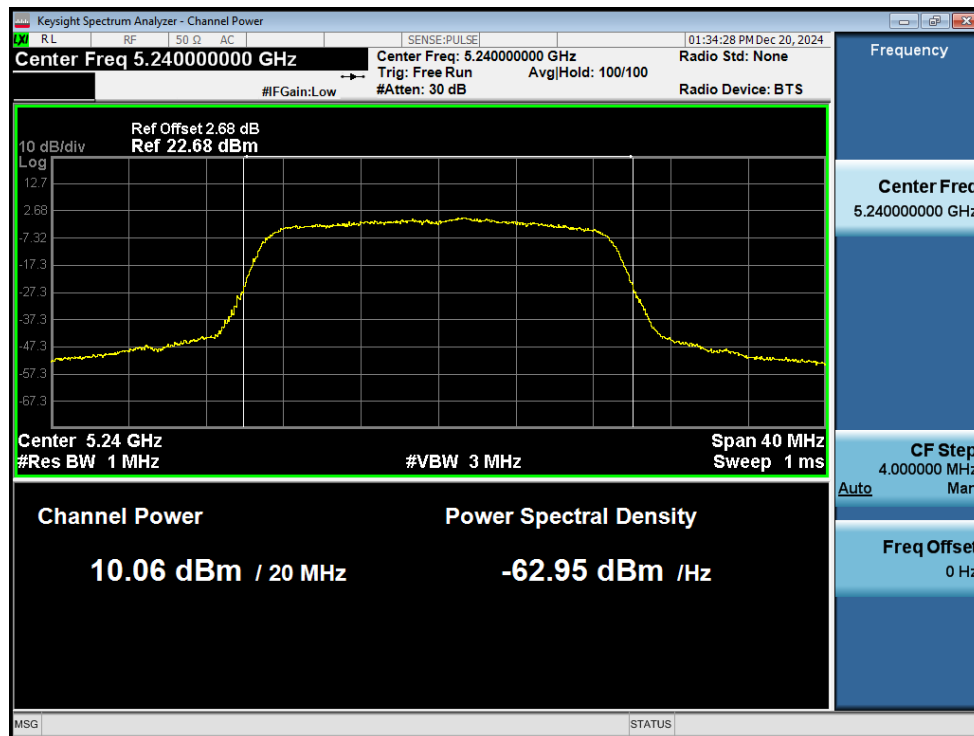
Power NVNT a 5240MHz Ant2



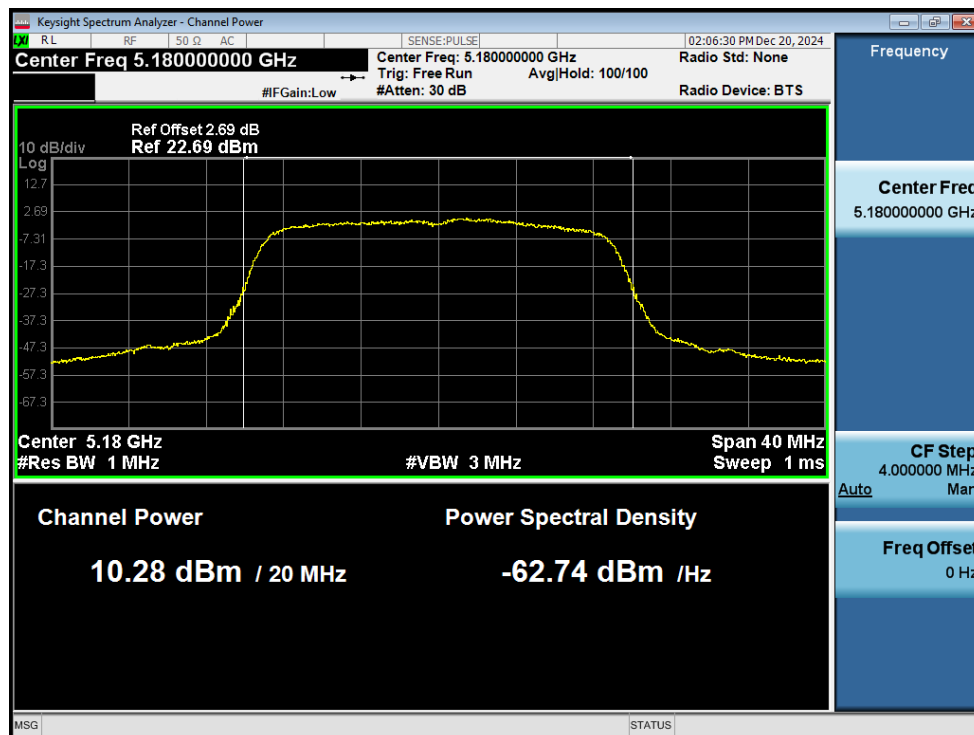
Power NVNT n20 5180MHz Ant1



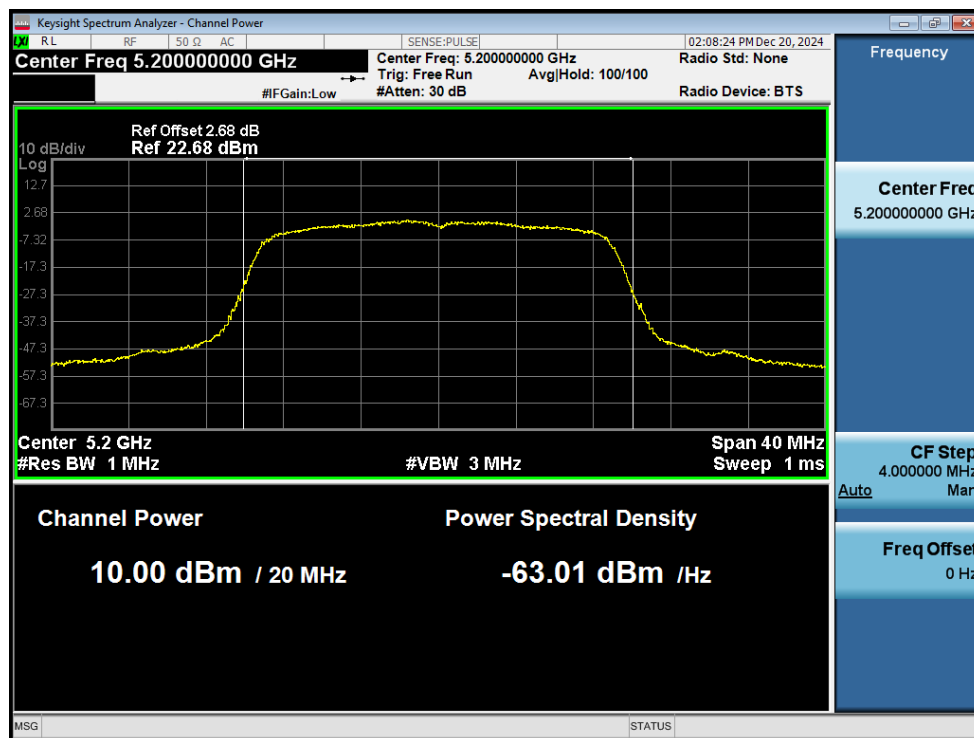
Power NVNT n20 5200MHz Ant1



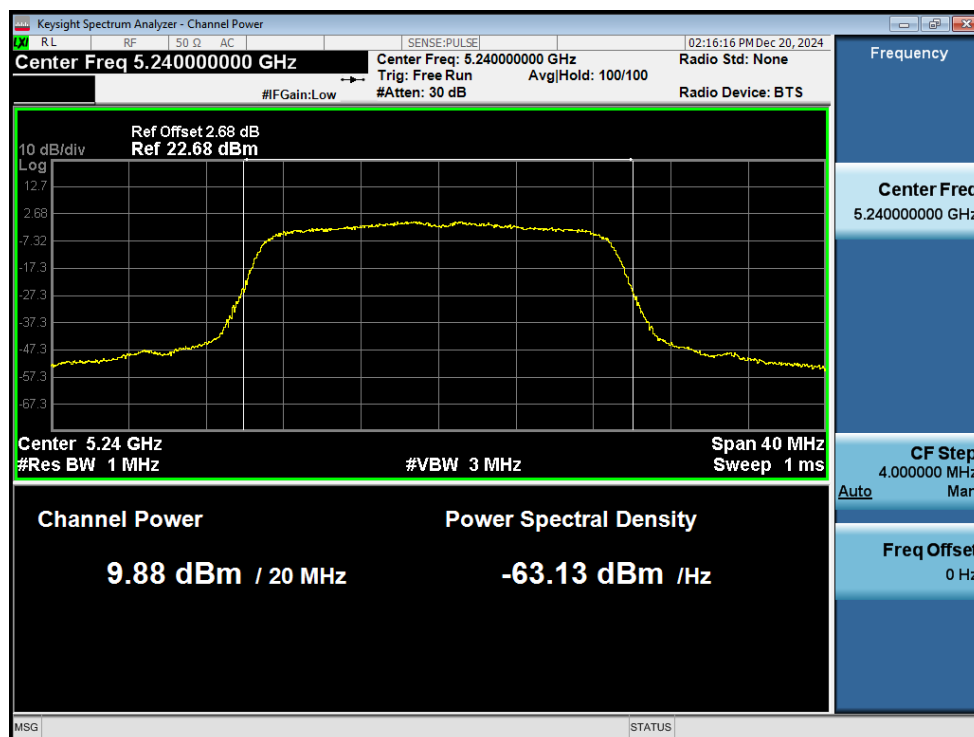
Power NVNT n20 5240MHz Ant1



Power NVNT n20 5180MHz Ant2

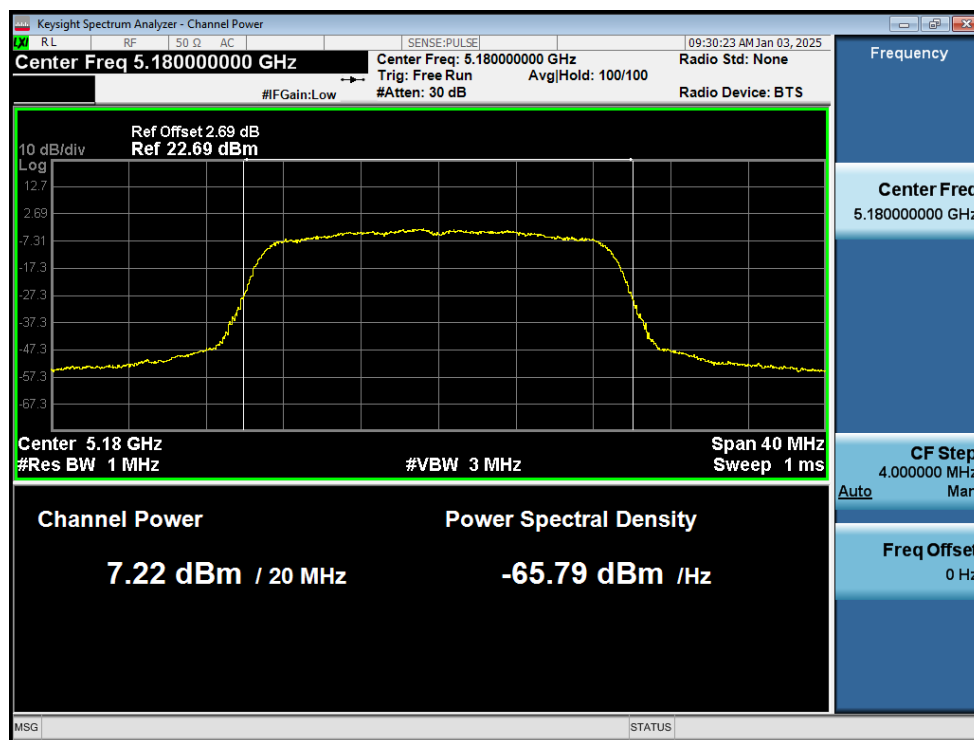


Power NVNT n20 5200MHz Ant2

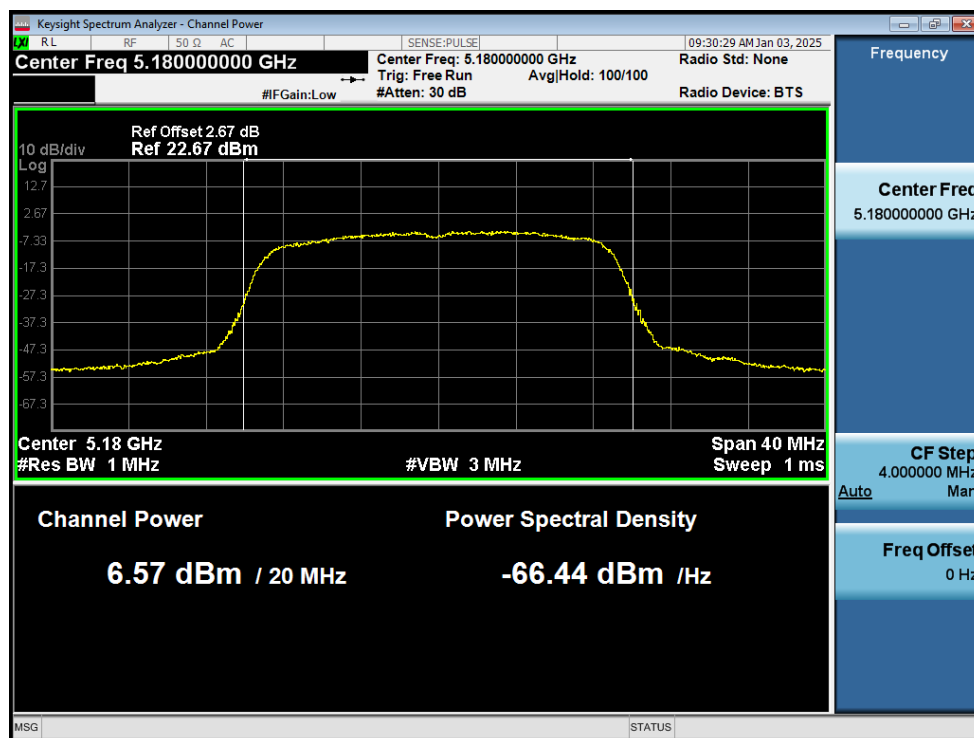


Power NVNT n20 5240MHz Ant2

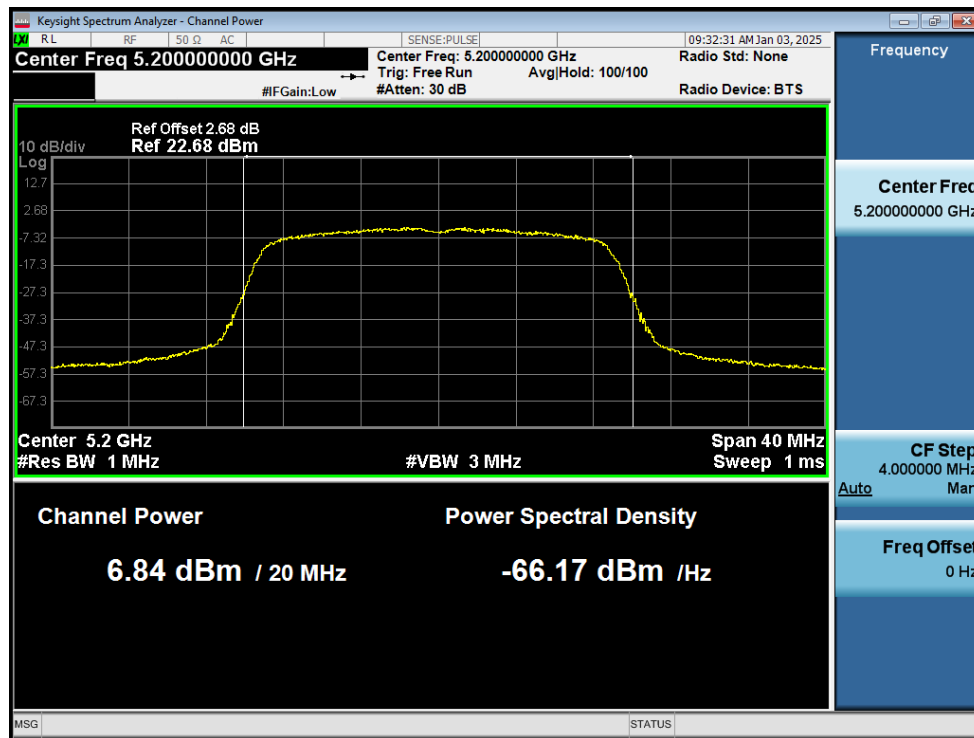
MIMO mode:



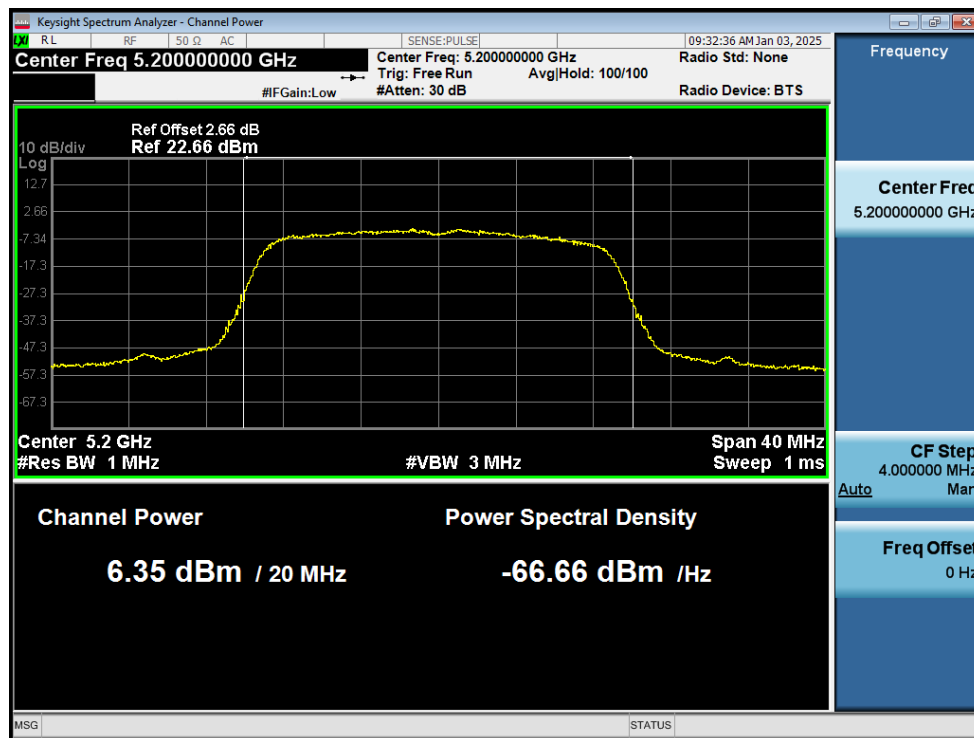
Power NVNT n20 5180MHz Ant1



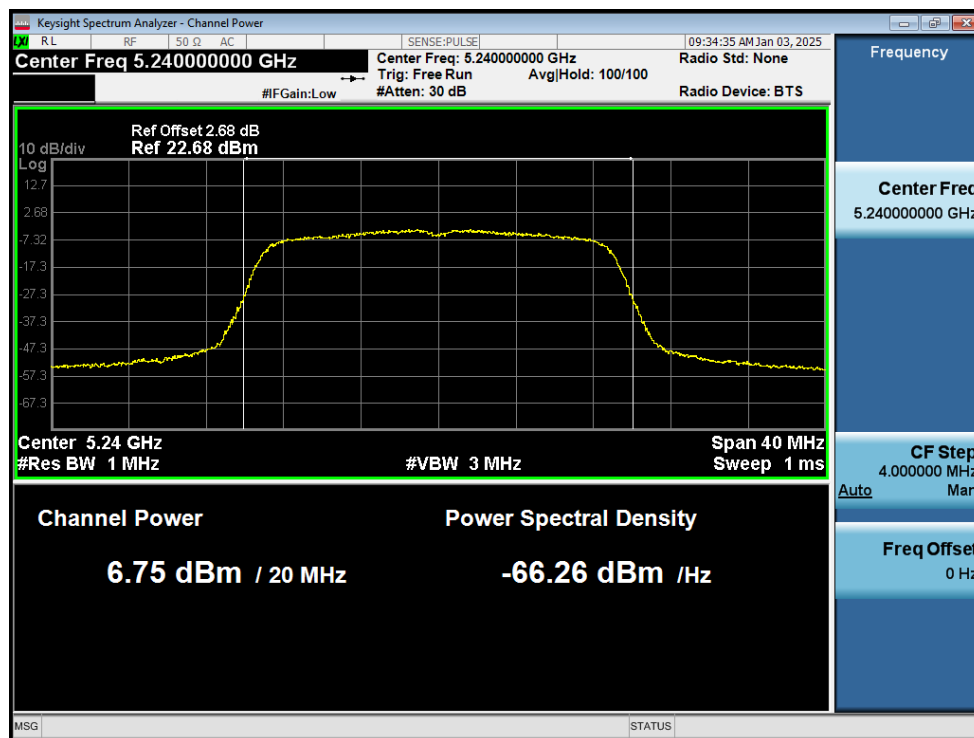
Power NVNT n20 5180MHz Ant2



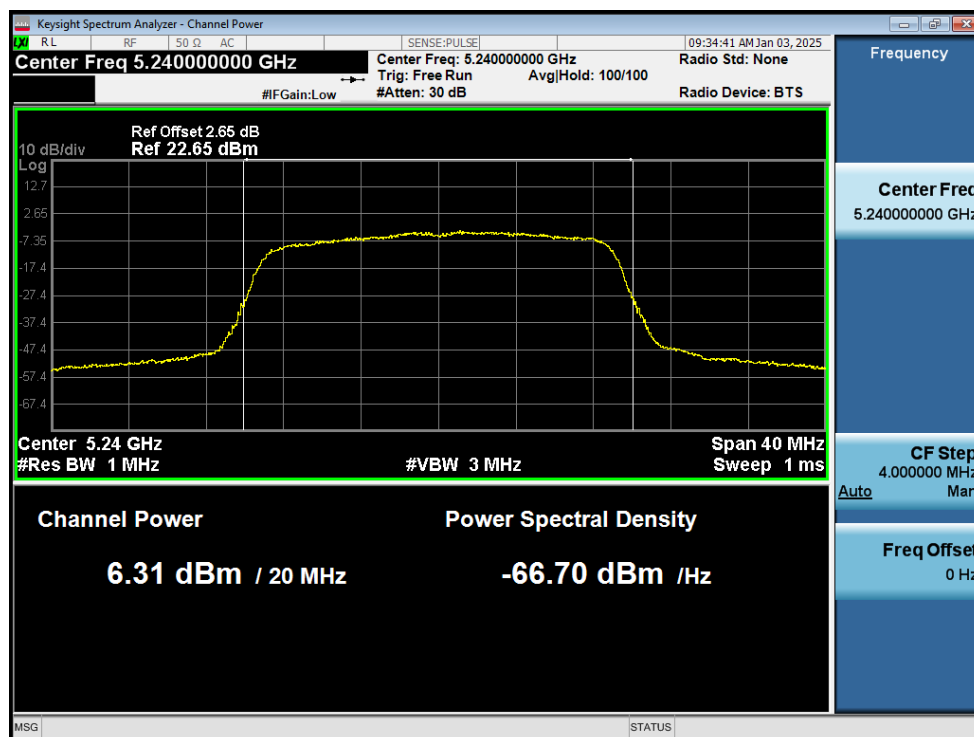
Power NVNT n20 5200MHz Ant1



Power NVNT n20 5200MHz Ant2

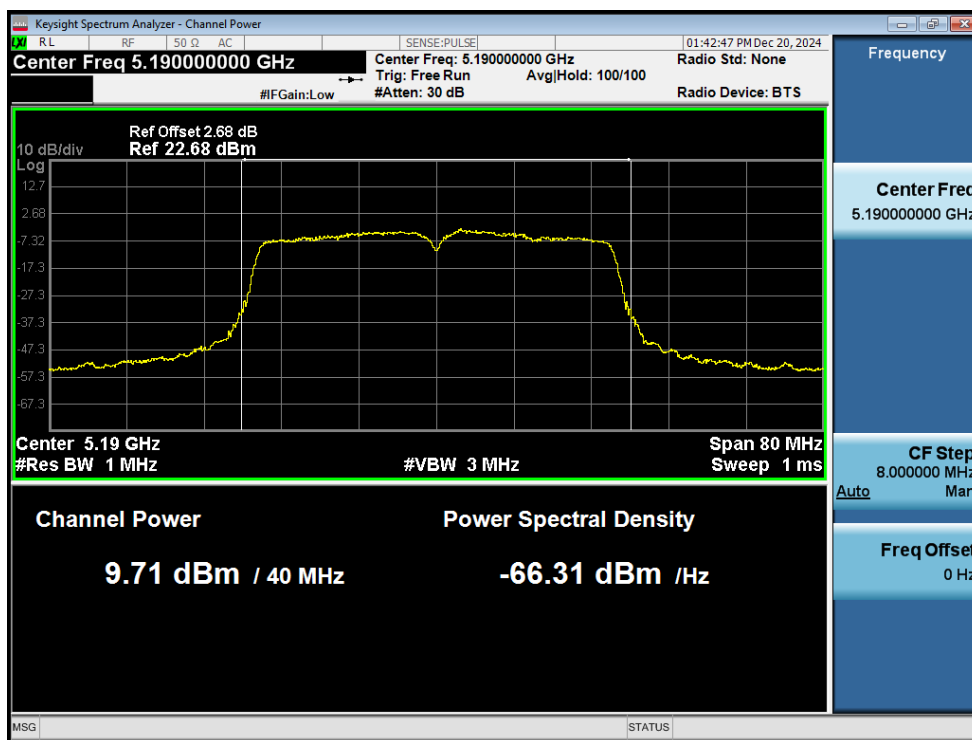


Power NVNT n20 5240MHz Ant1

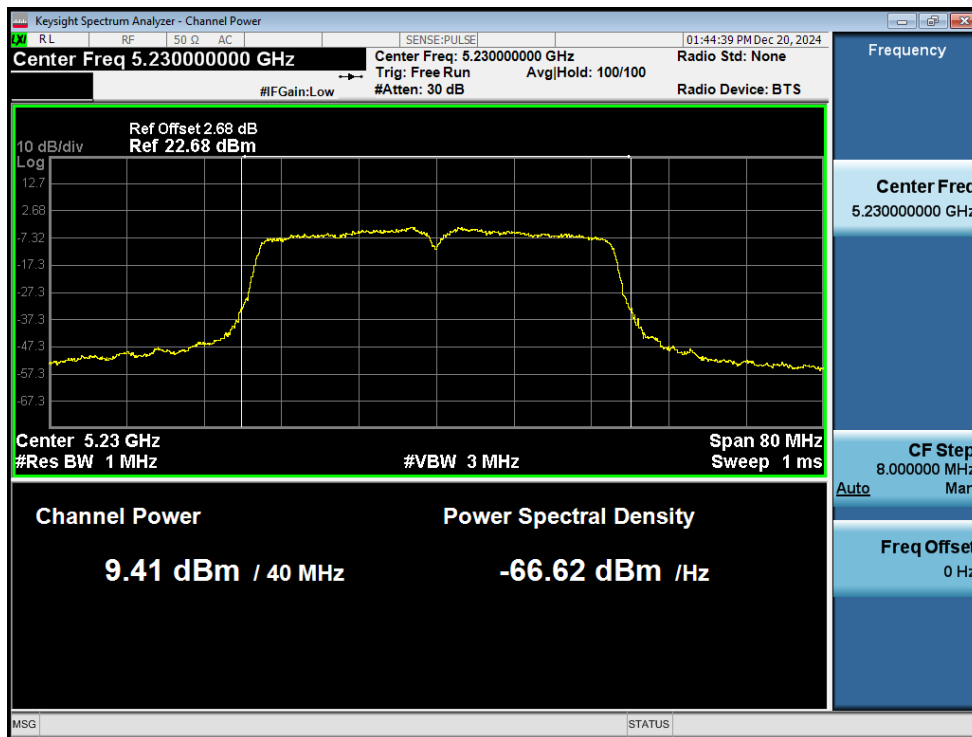


Power NVNT n20 5240MHz Ant2

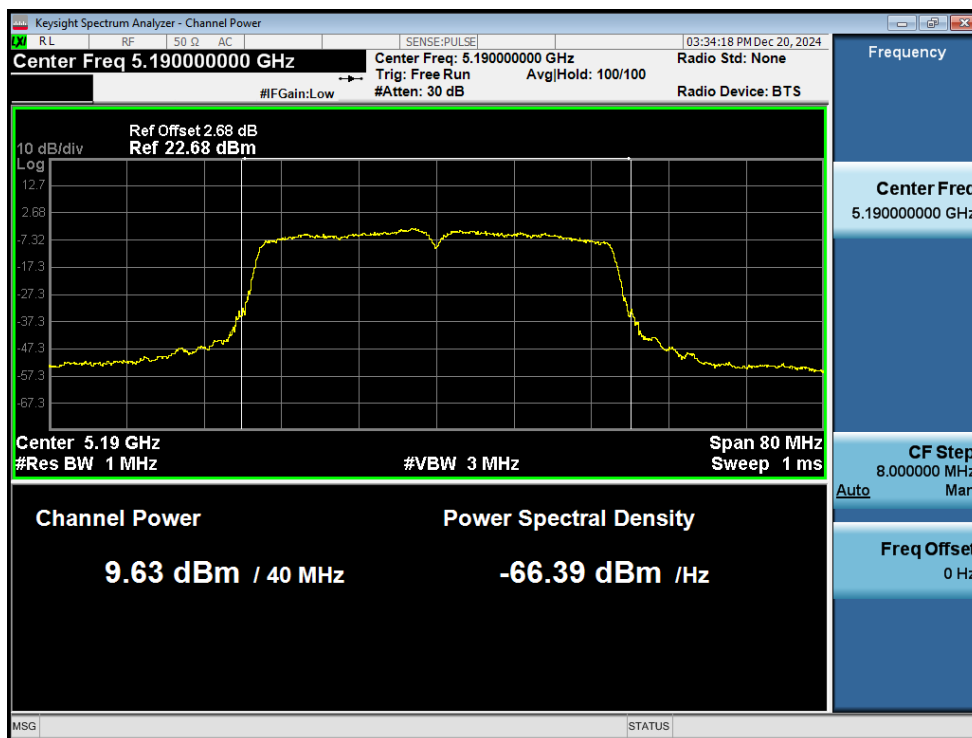
SISO:



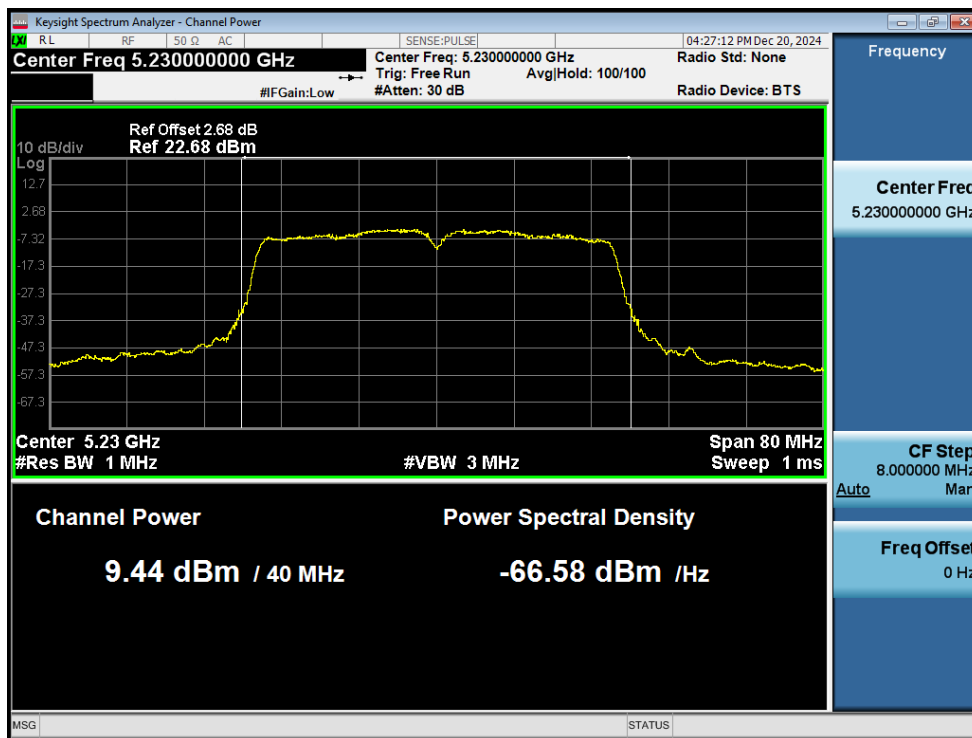
Power NVNT n40 5190MHz Ant1



Power NVNT n40 5230MHz Ant1

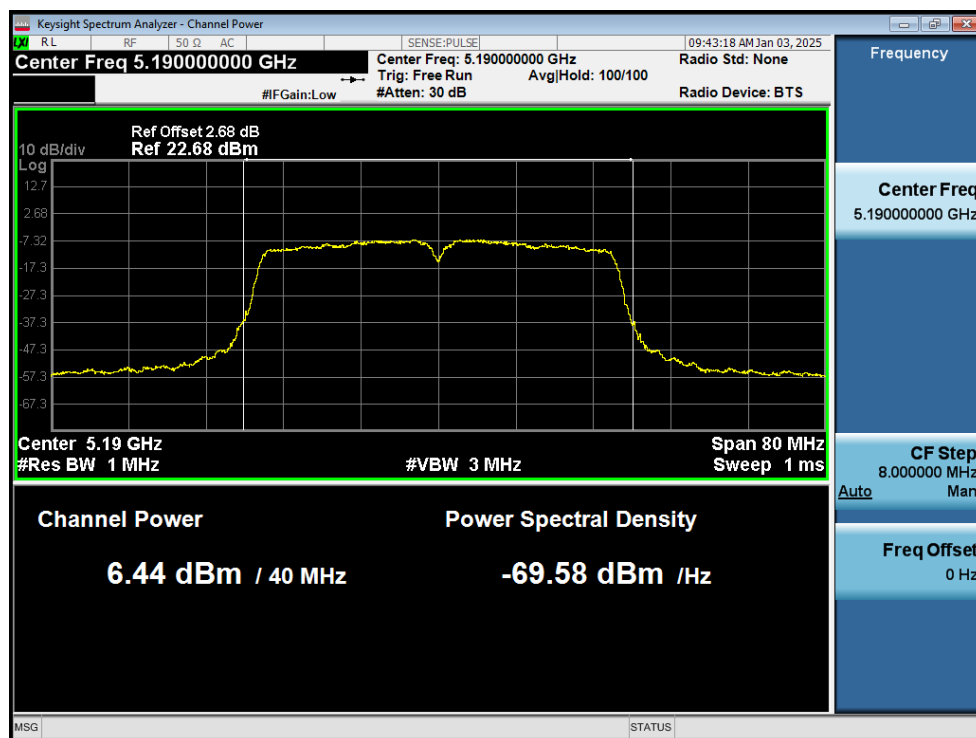


Power NVNT n40 5190MHz Ant2

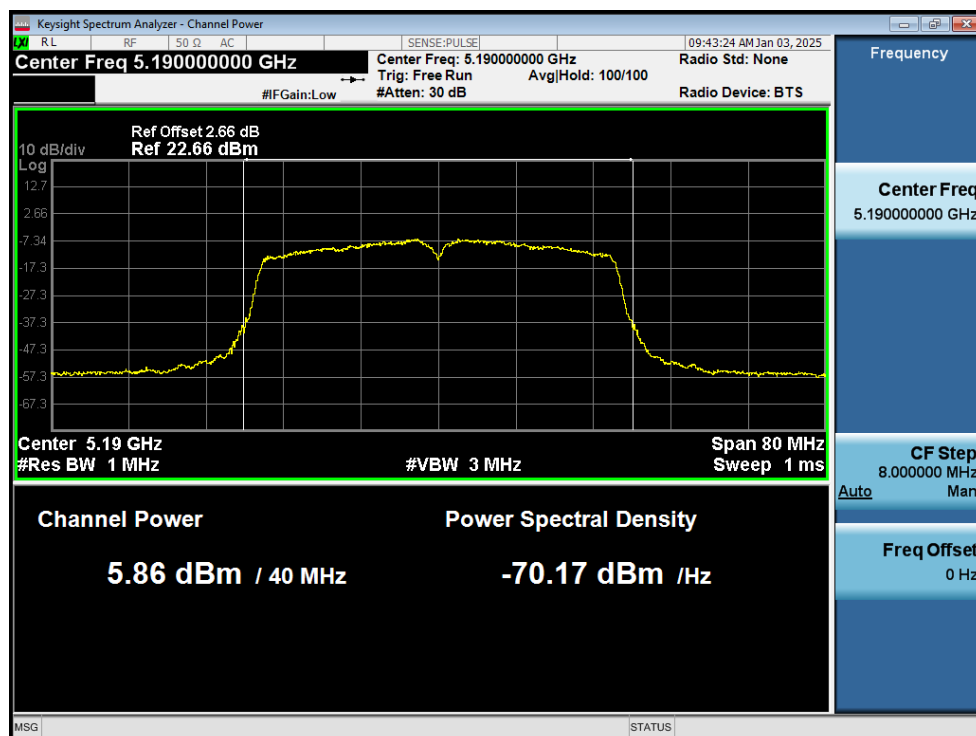


Power NVNT n40 5230MHz Ant2

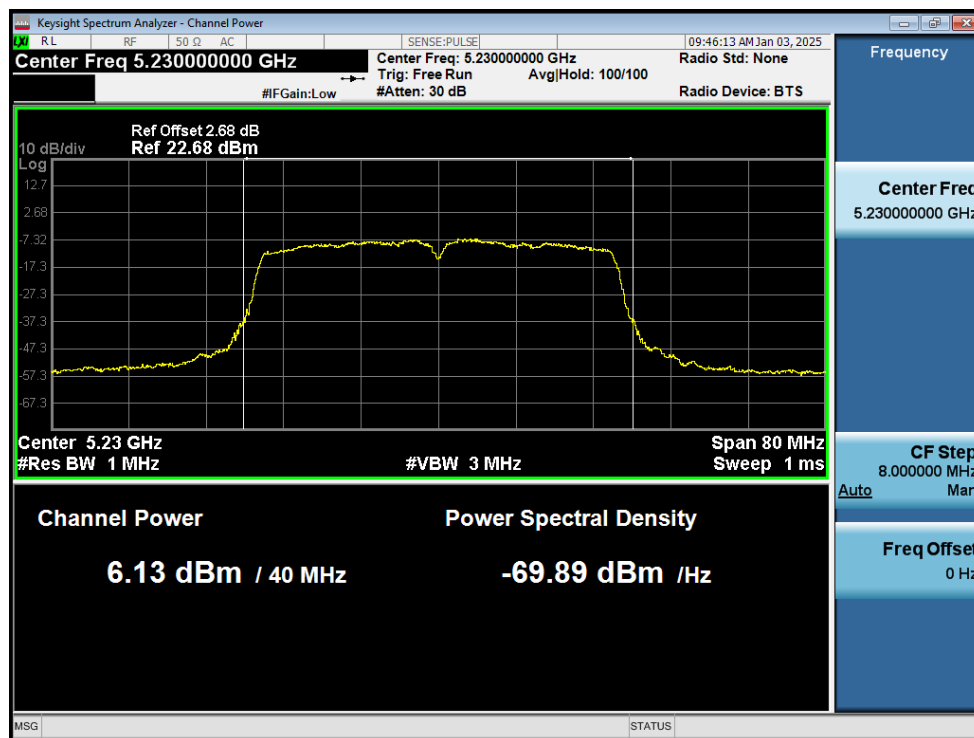
MIMO mode:



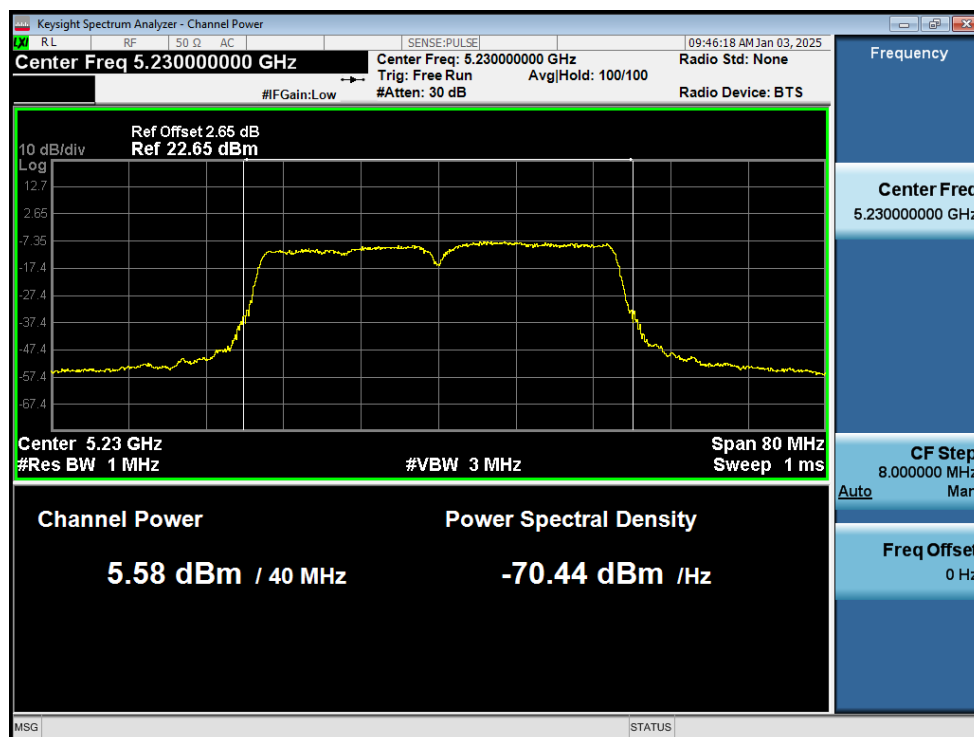
Power NVNT n40 5190MHz Ant1



Power NVNT n40 5190MHz Ant2

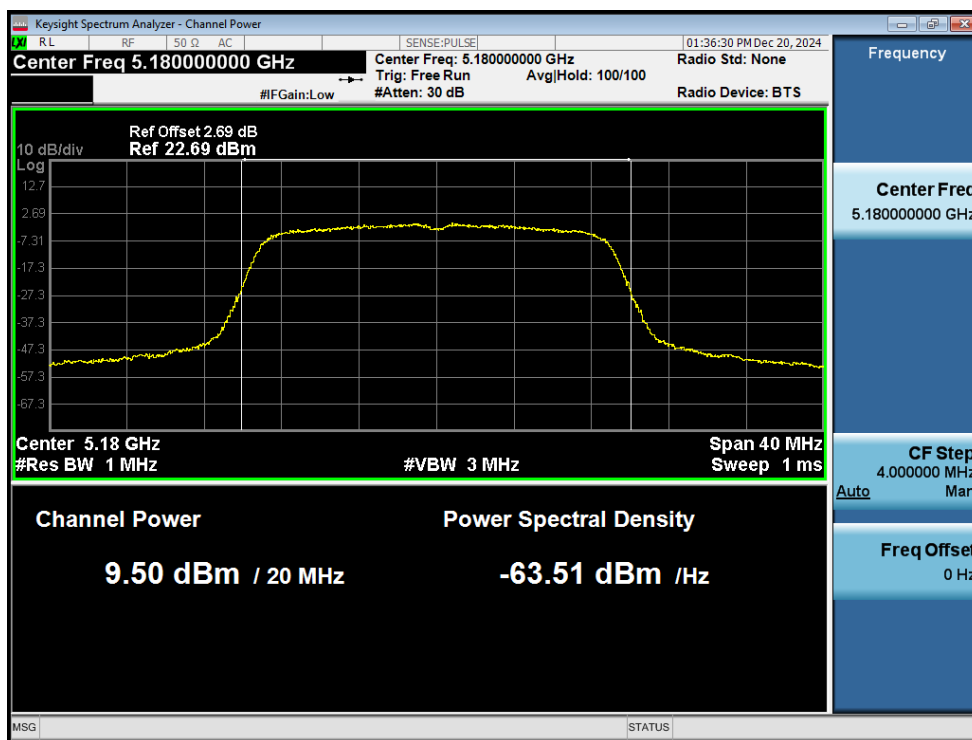


Power NVNT n40 5230MHz Ant1

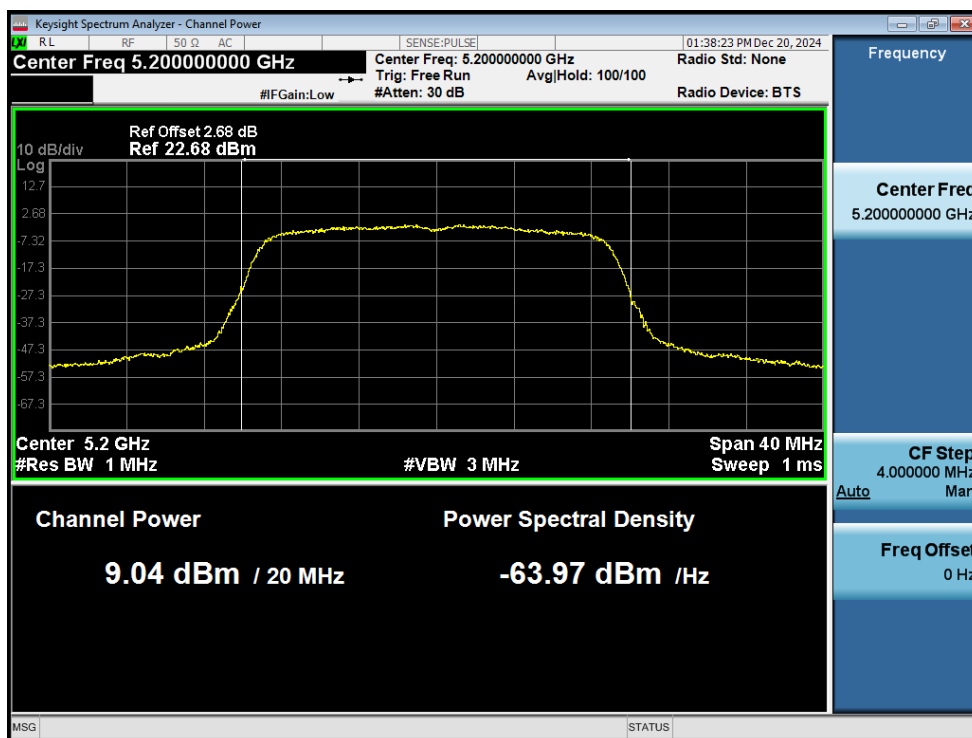


Power NVNT n40 5230MHz Ant2

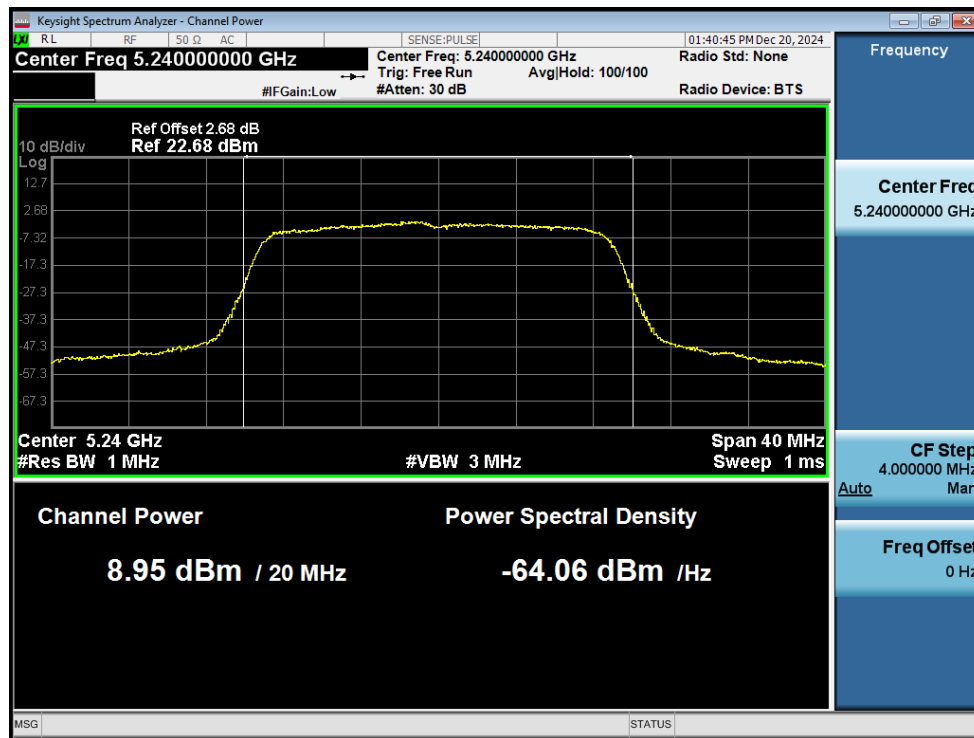
SISO:



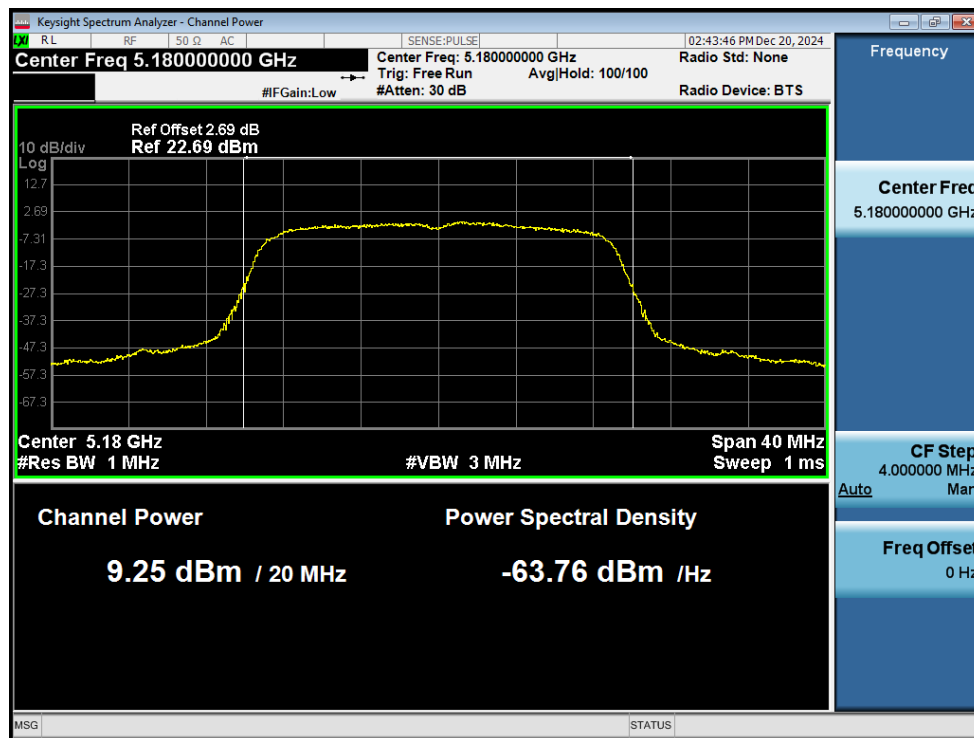
Power NVNT ac20 5180MHz Ant1



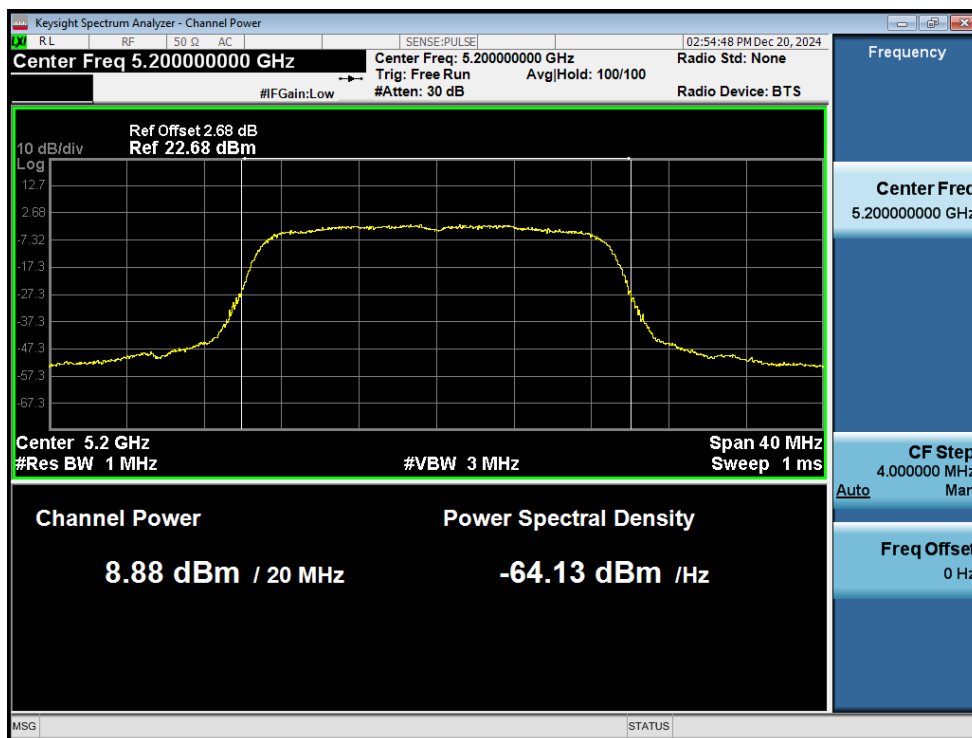
Power NVNT ac20 5200MHz Ant1



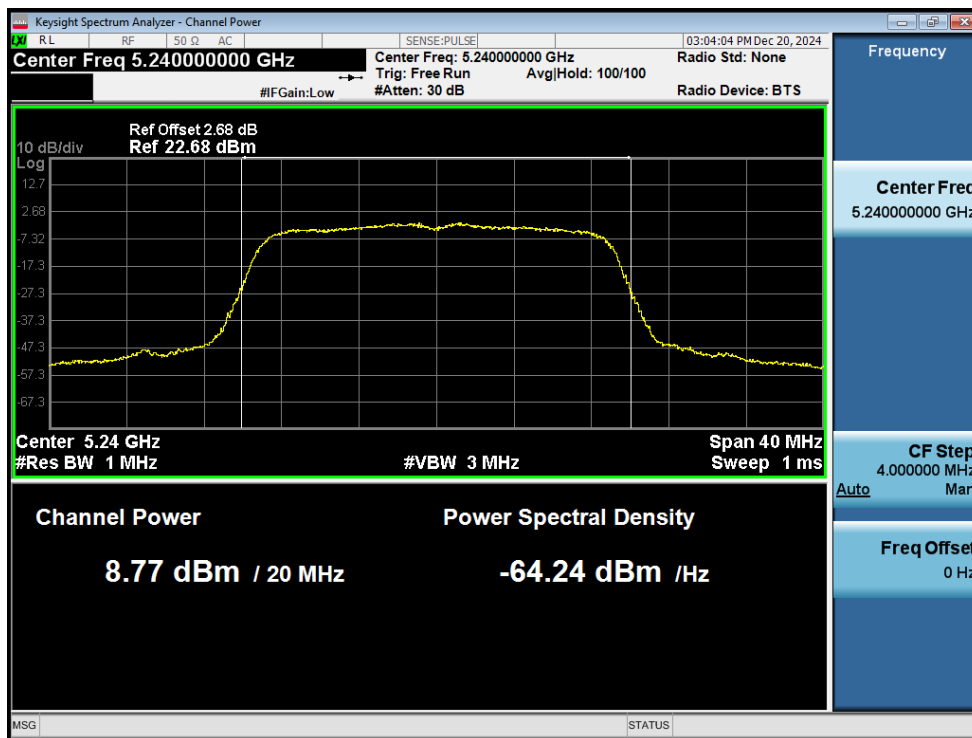
Power NVNT ac20 5240MHz Ant1



Power NVNT ac20 5180MHz Ant2

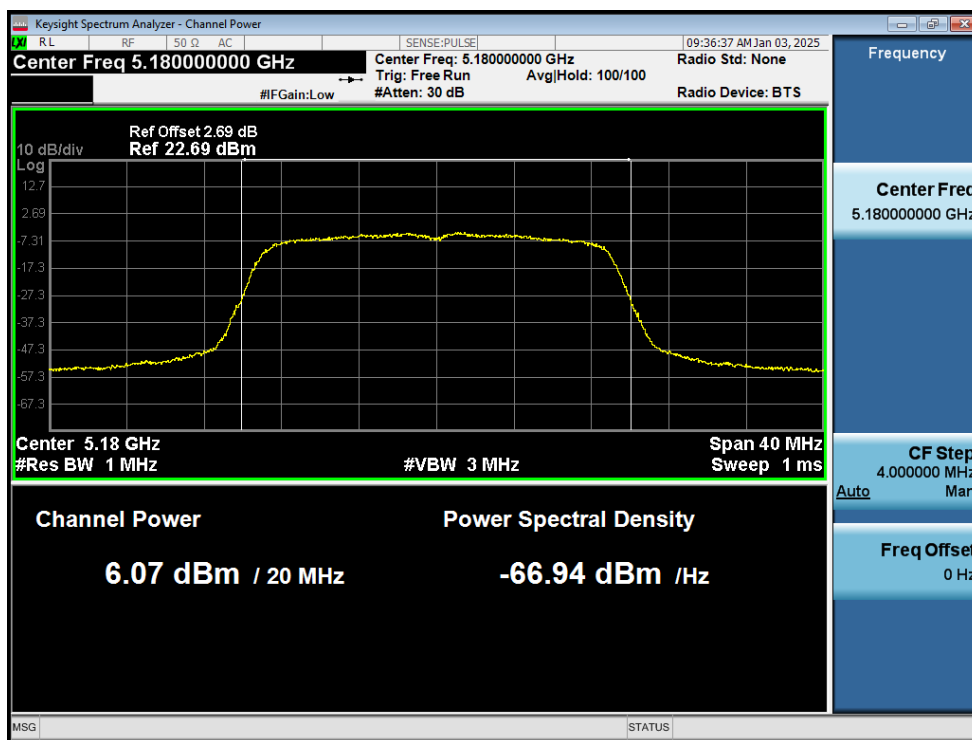


Power NVNT ac20 5200MHz Ant2

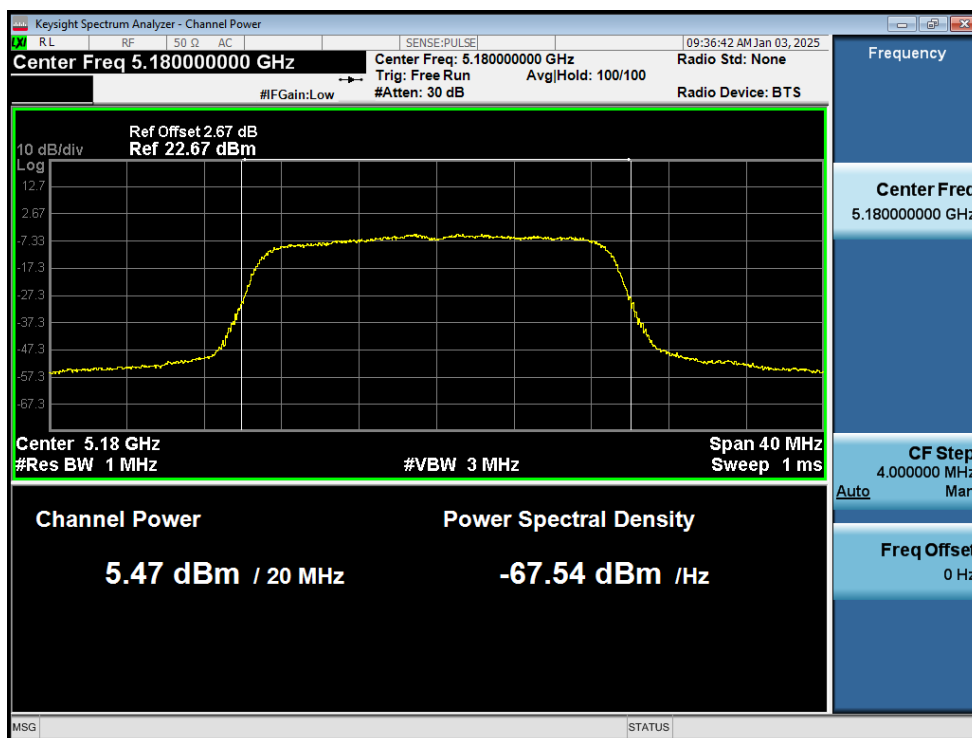


Power NVNT ac20 5240MHz Ant2

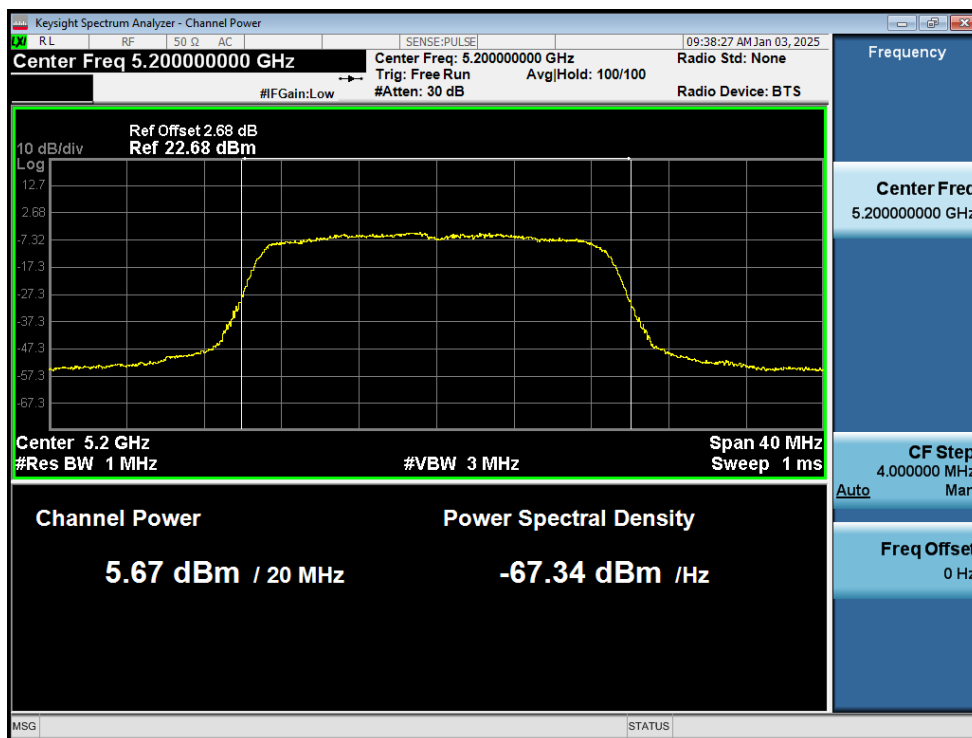
MIMO mode:



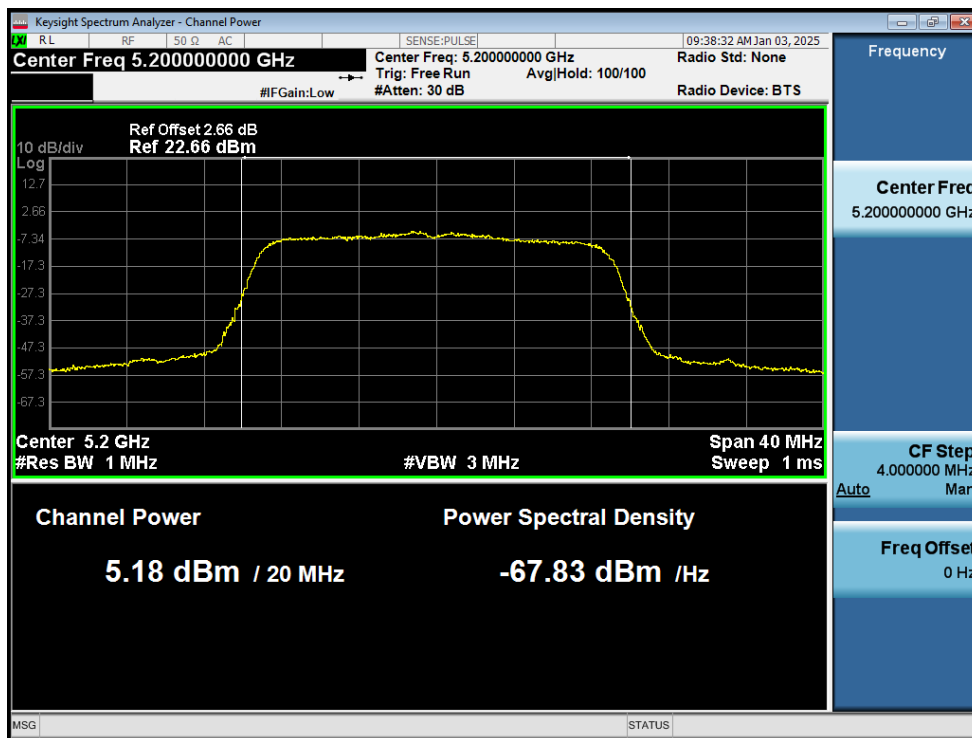
Power NVNT ac20 5180MHz Ant1



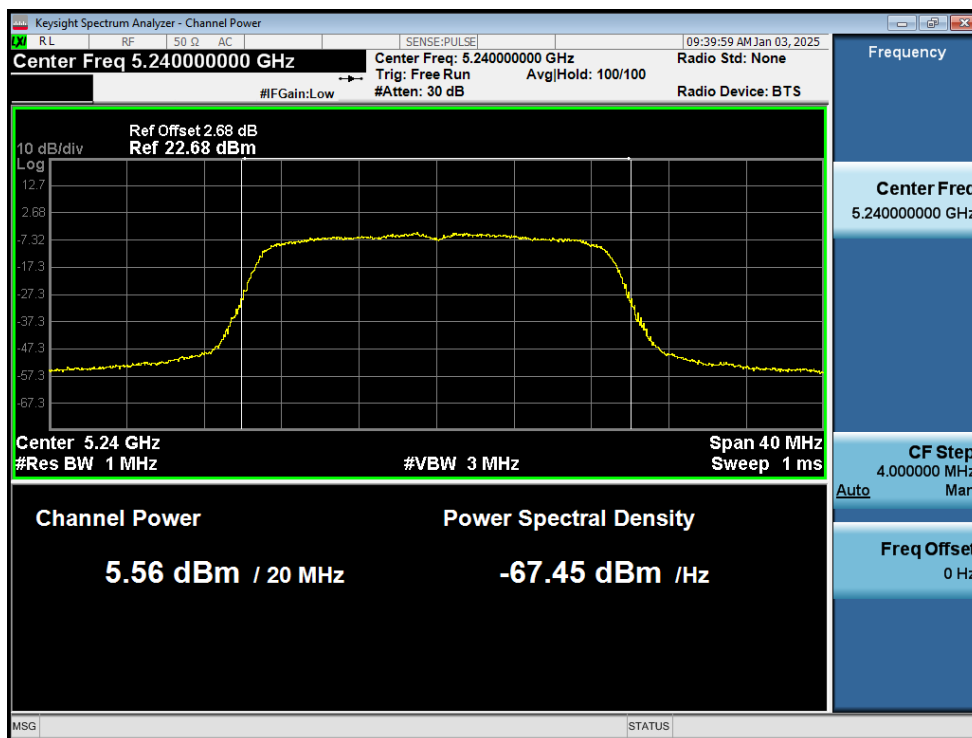
Power NVNT ac20 5180MHz Ant2



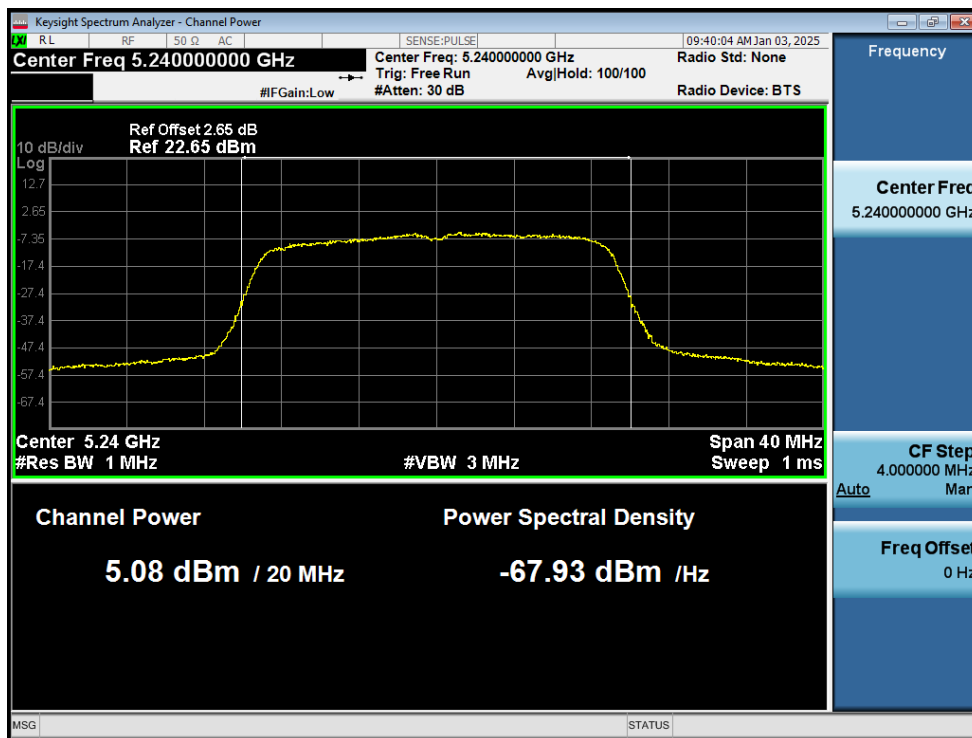
Power NVNT ac20 5200MHz Ant1



Power NVNT ac20 5200MHz Ant2

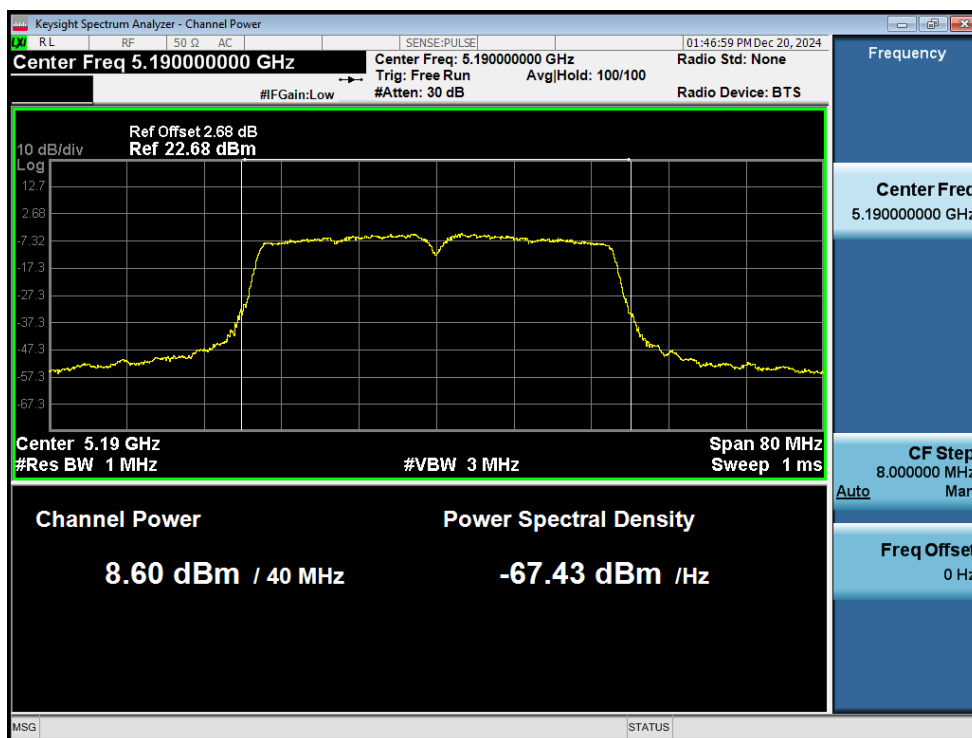


Power NVNT ac20 5240MHz Ant1

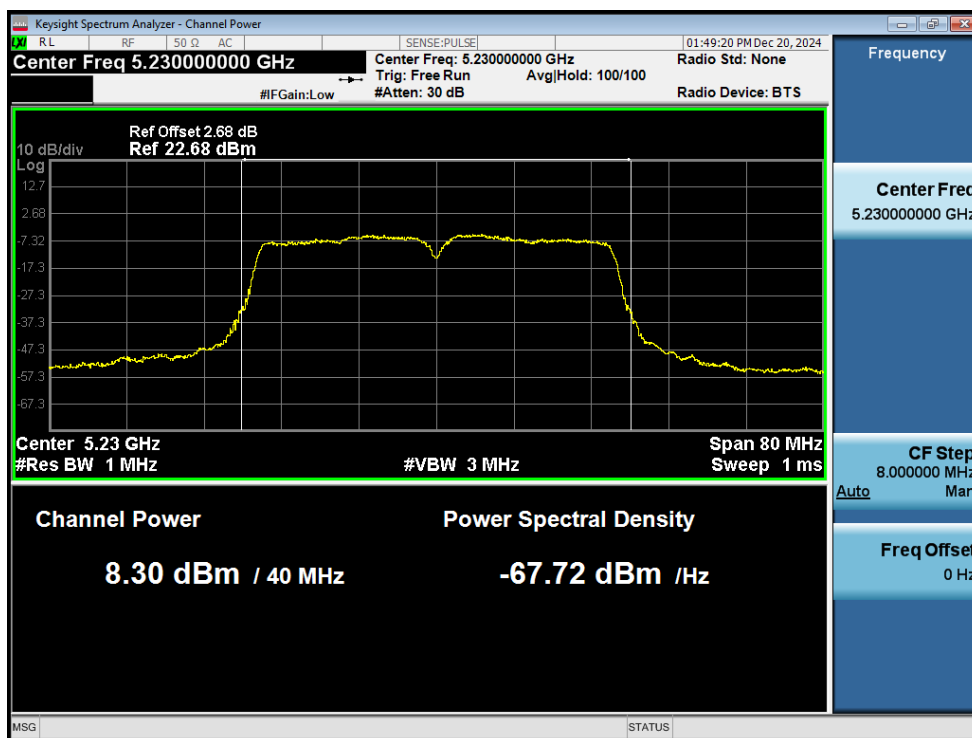


Power NVNT ac20 5240MHz Ant2

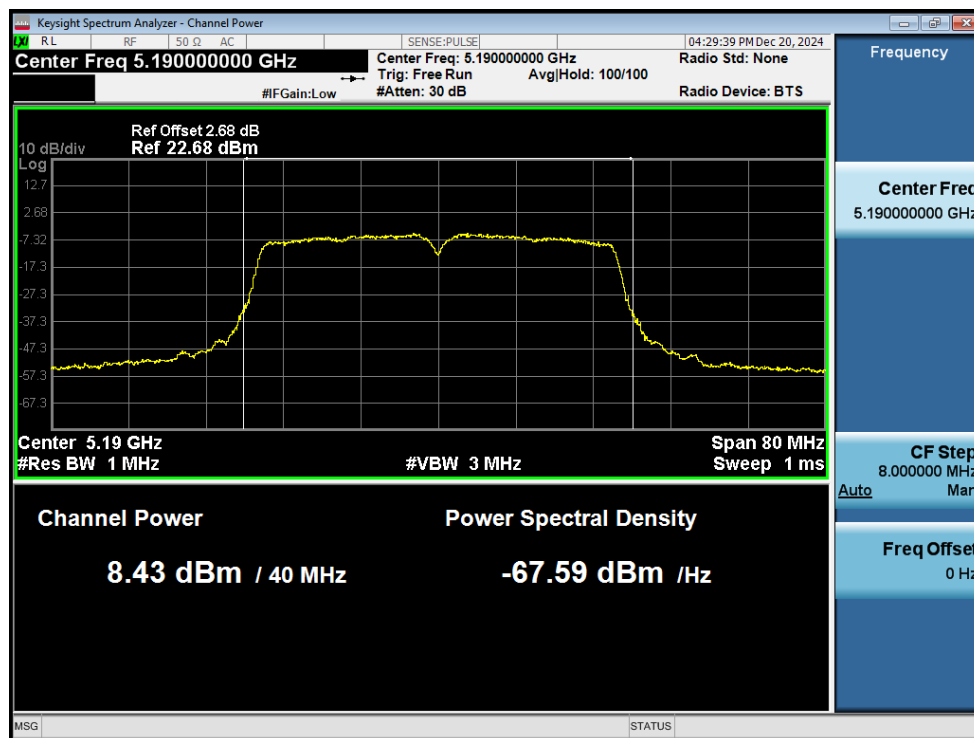
SISO:



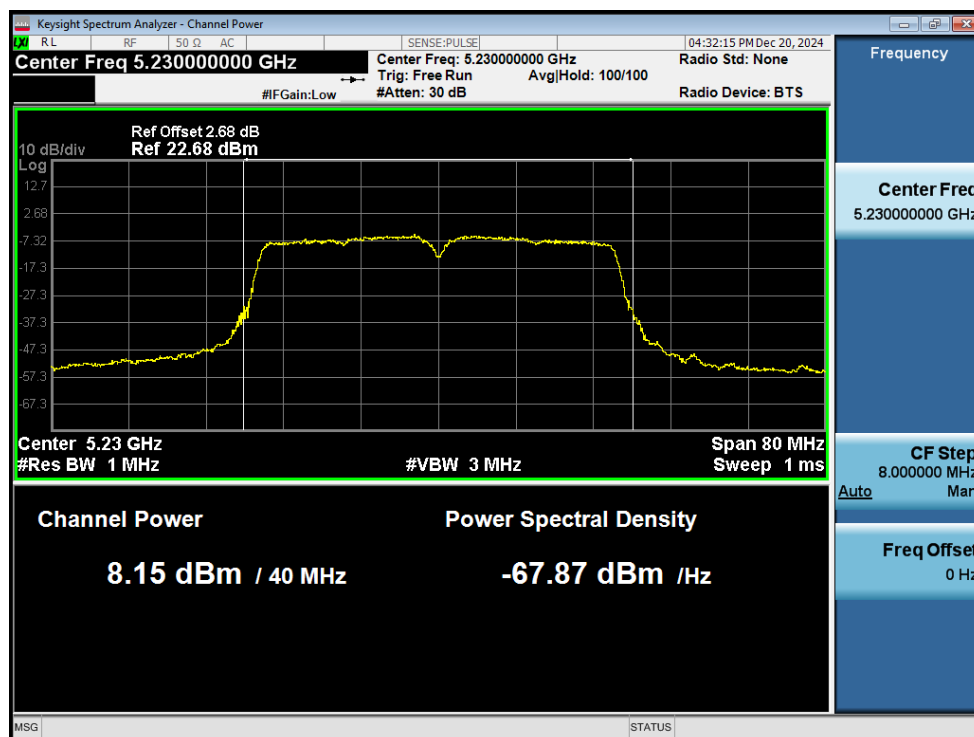
Power NVNT ac40 5190MHz Ant1



Power NVNT ac40 5230MHz Ant1

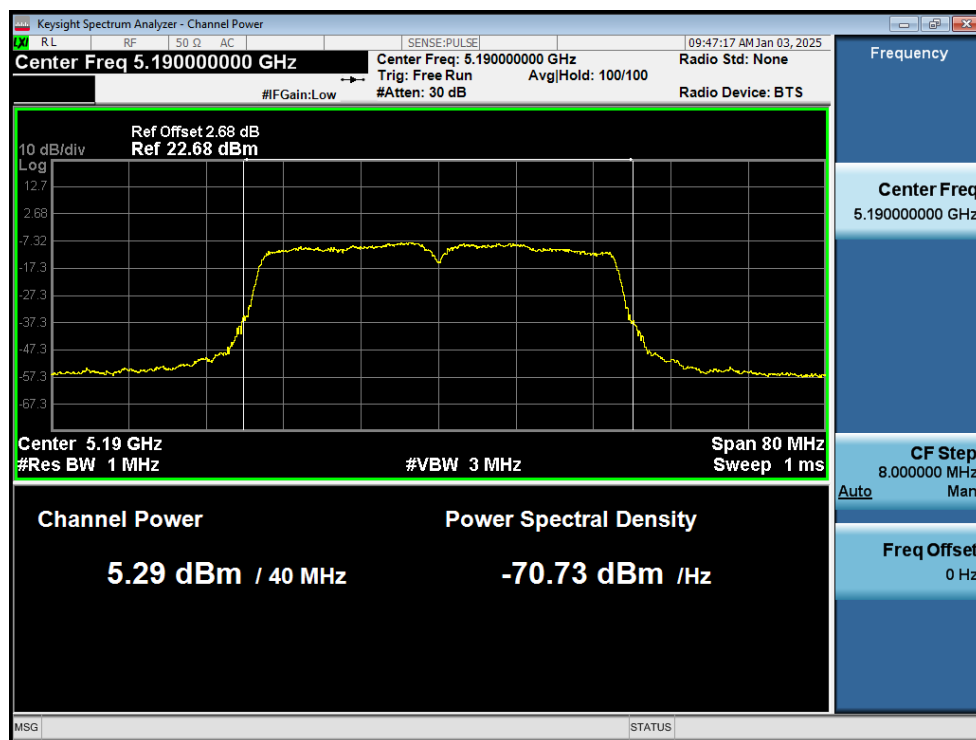


Power NVNT ac40 5190MHz Ant2

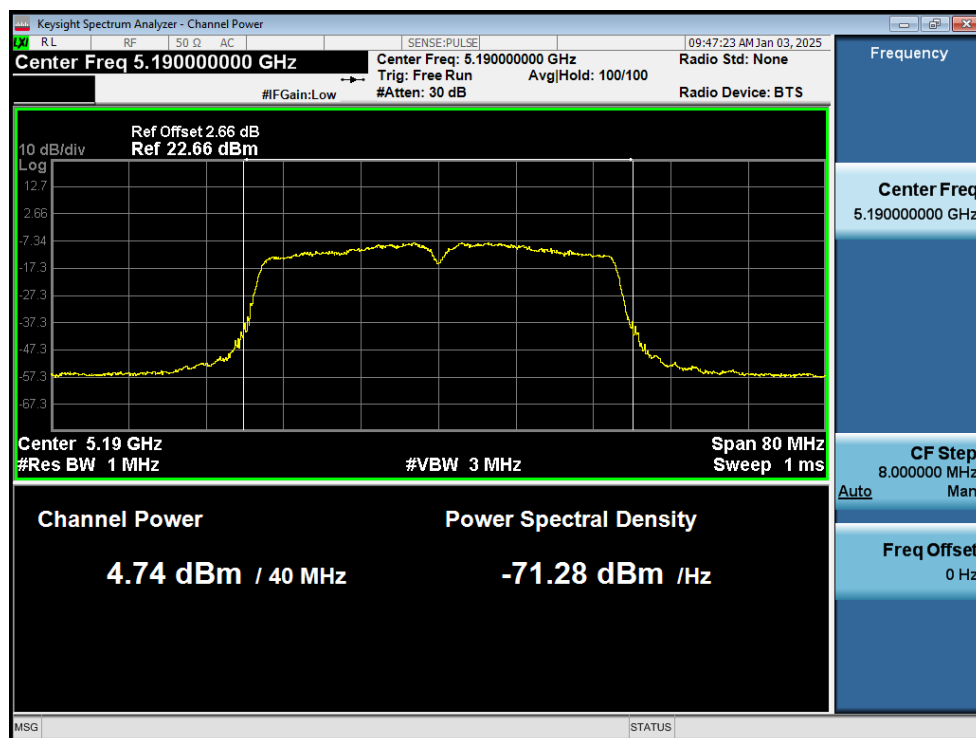


Power NVNT ac40 5230MHz Ant2

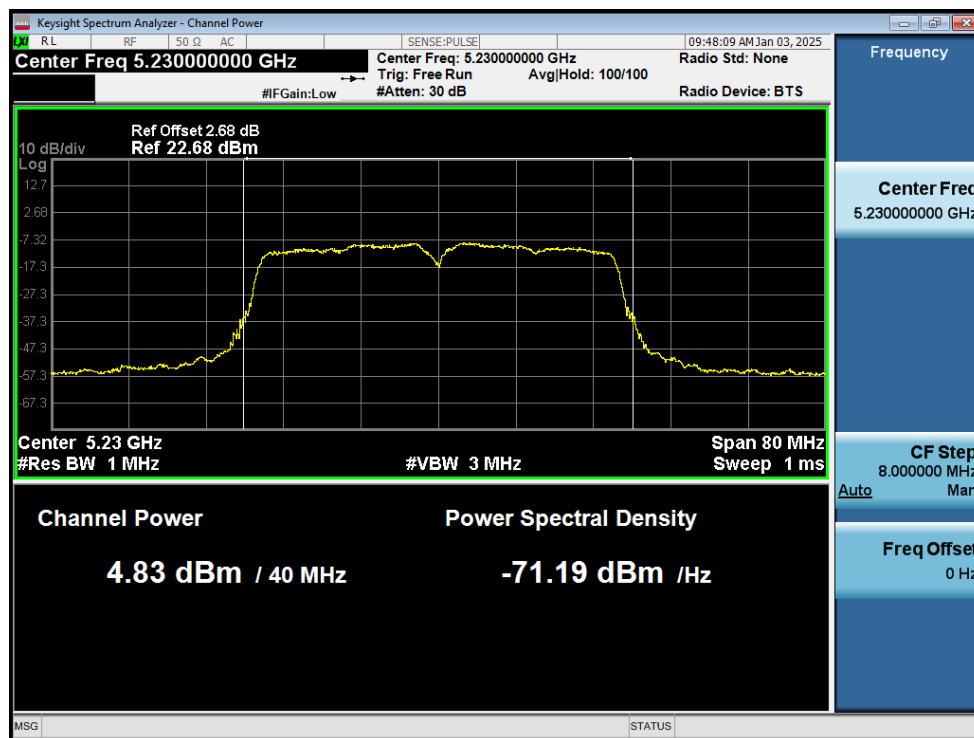
MIMO mode:



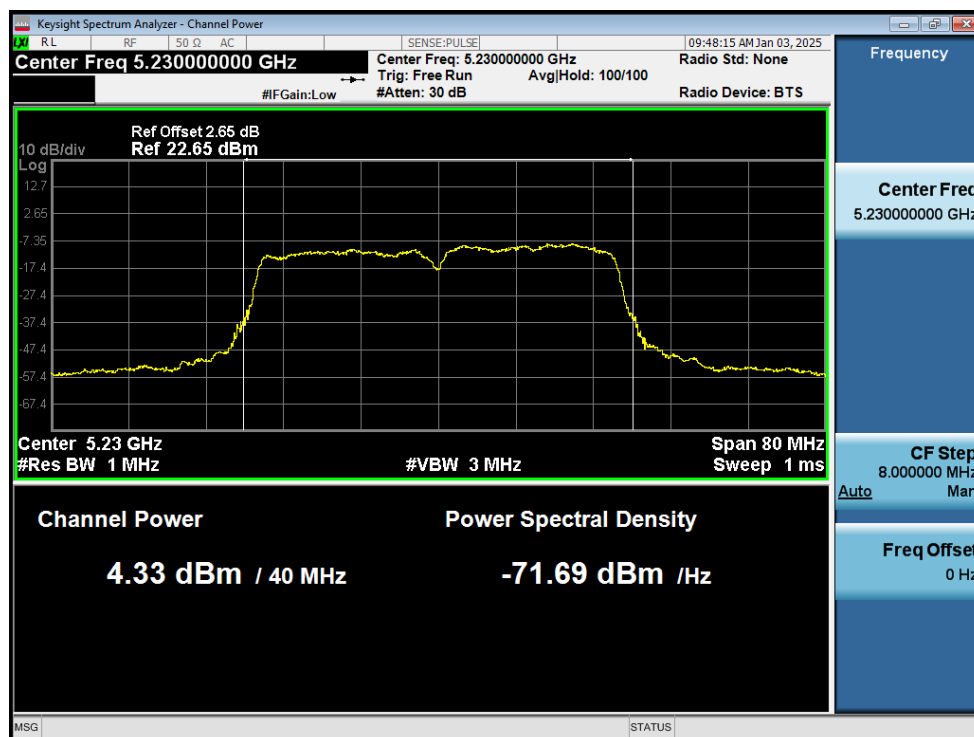
Power NVNT ac40 5190MHz Ant1



Power NVNT ac40 5190MHz Ant2

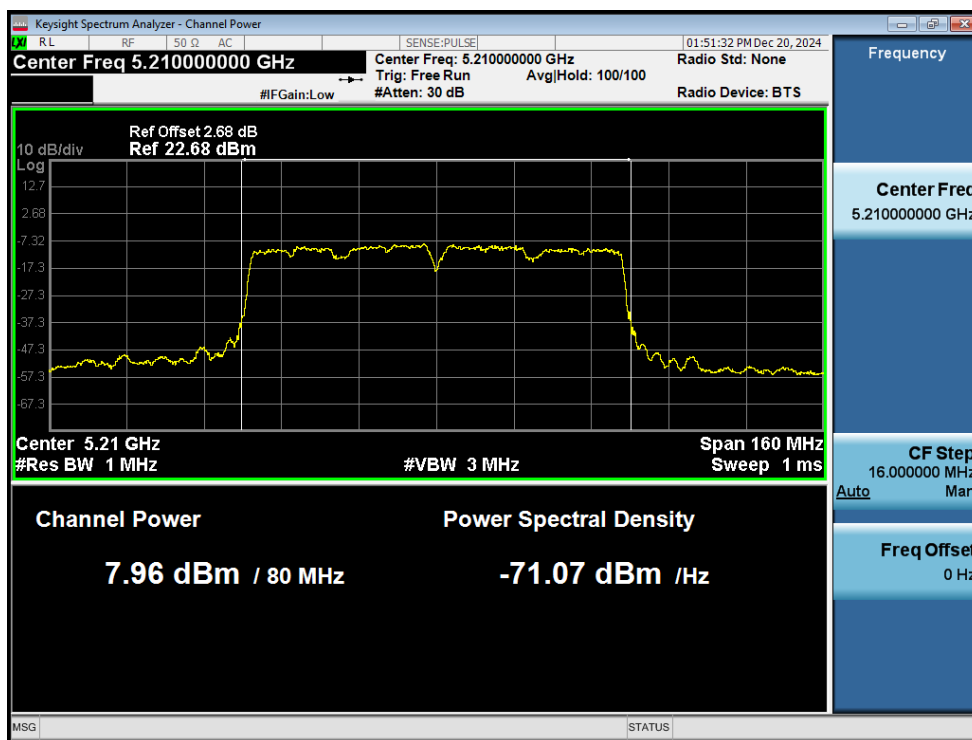


Power NVNT ac40 5230MHz Ant1

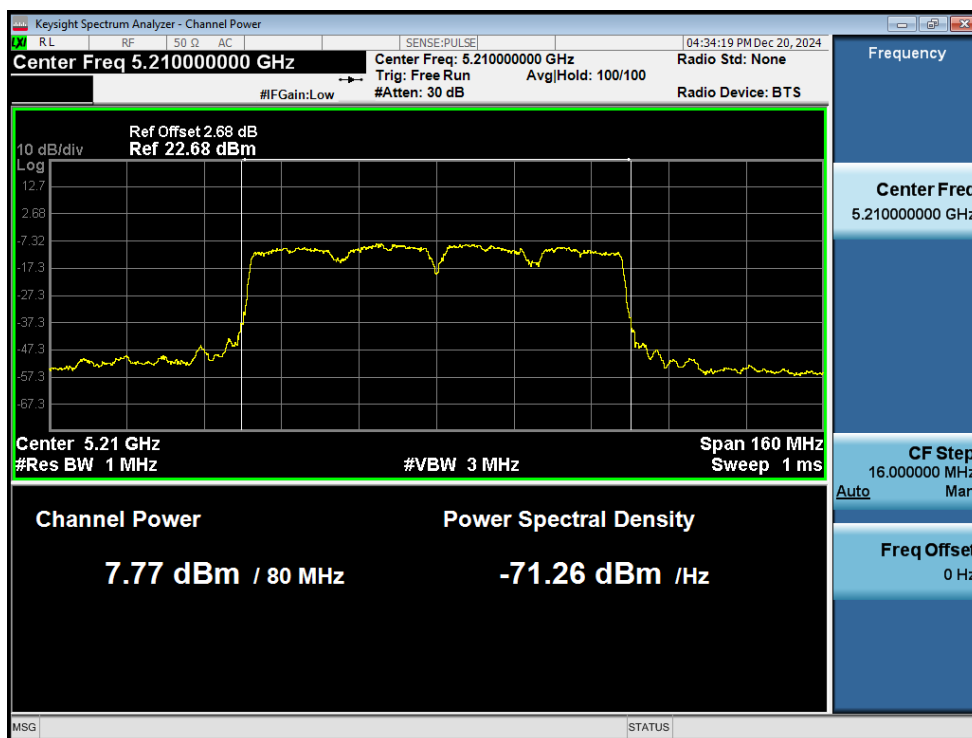


Power NVNT ac40 5230MHz Ant2

SISO:

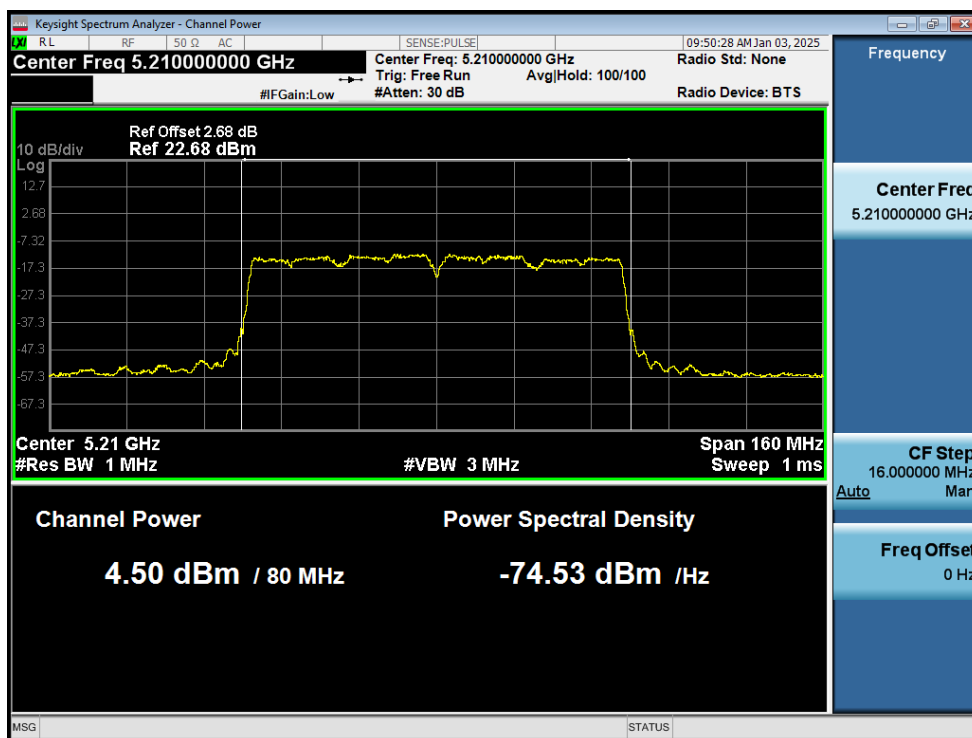


Power NVNT ac80 5210MHz Ant1

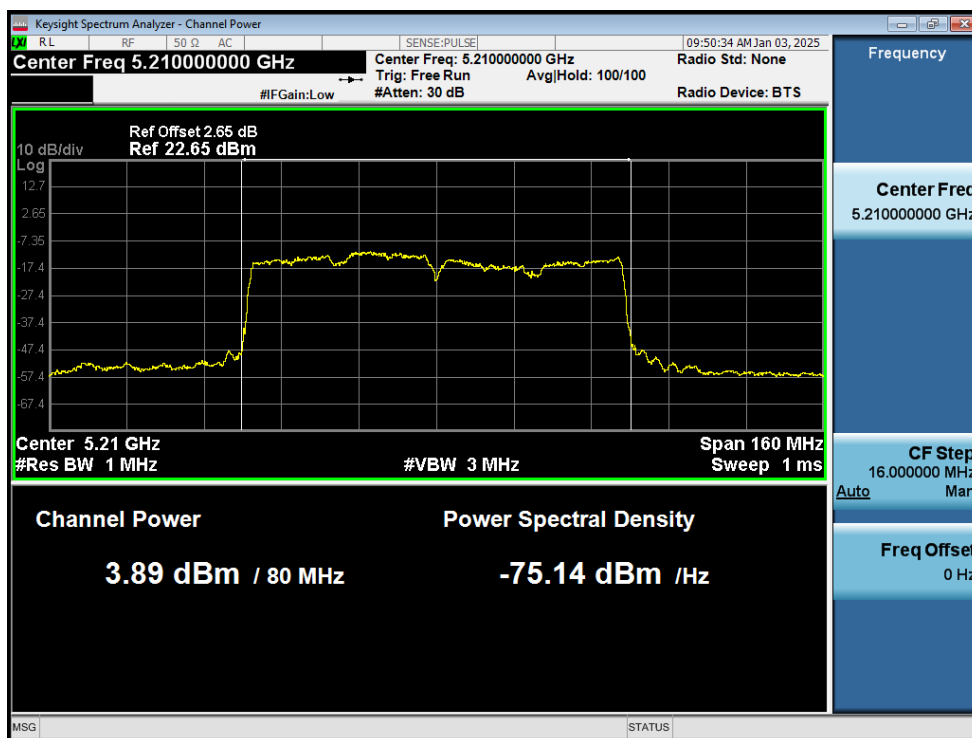


Power NVNT ac80 5210MHz Ant2

MIMO mode:



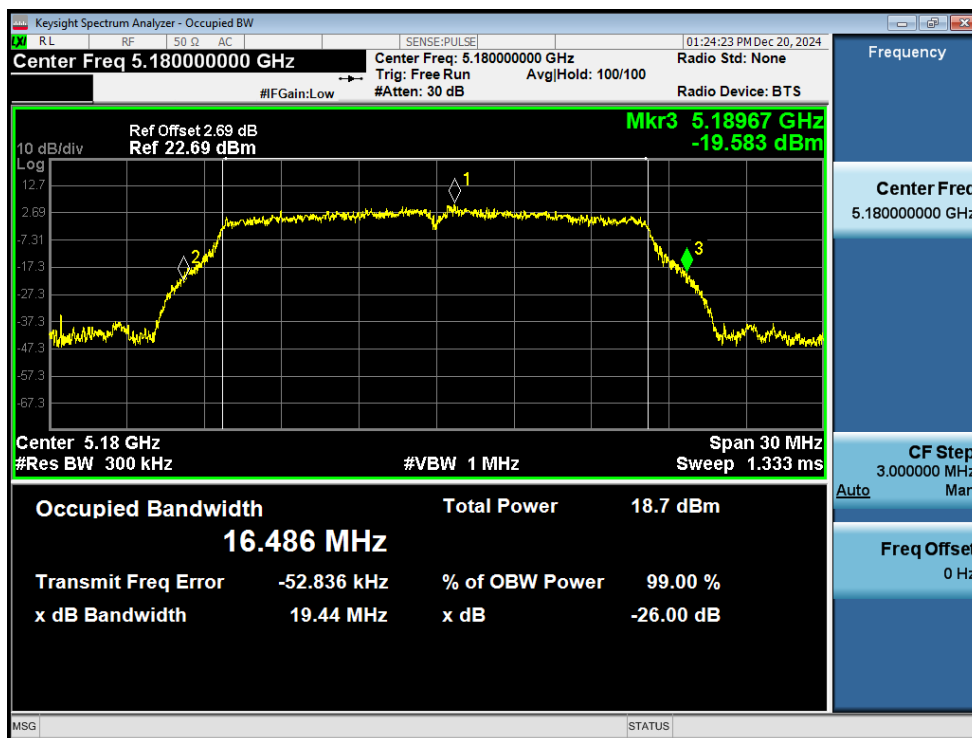
Power NVNT ac80 5210MHz Ant1



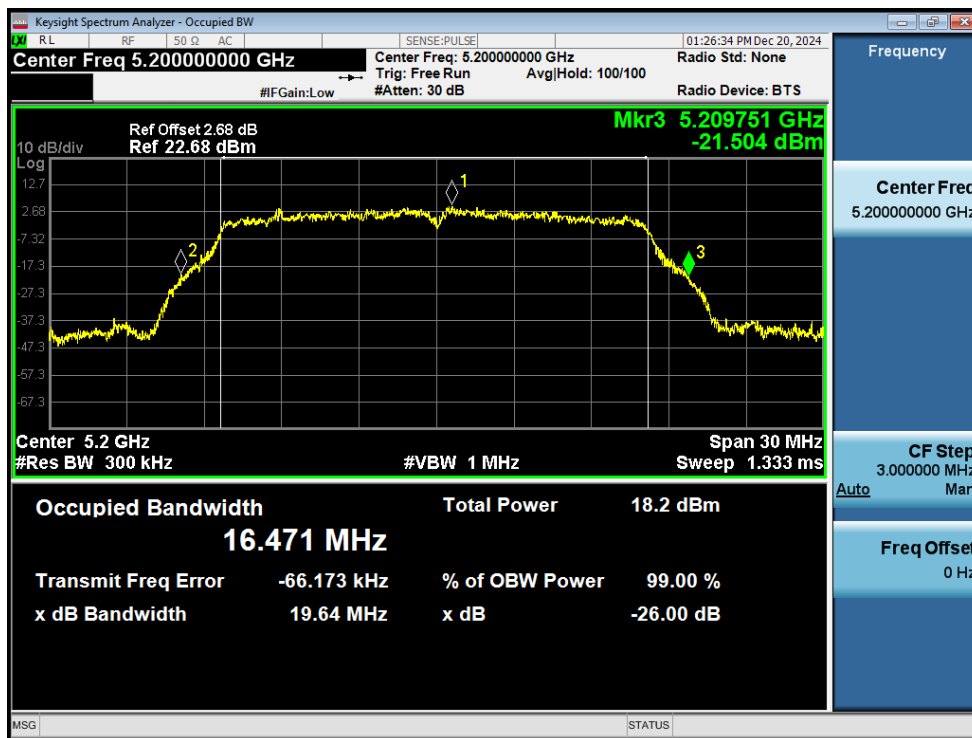
Power NVNT ac80 5210MHz Ant2

3. -26dB Bandwidth

Condition	Mode	Frequency (MHz)	Antenna	-26 dB Bandwidth (MHz)	Verdict
NVNT	a	5180	Ant1	19.445	Pass
NVNT	a	5200	Ant1	19.635	Pass
NVNT	a	5240	Ant1	19.634	Pass
NVNT	a	5180	Ant2	19.797	Pass
NVNT	a	5200	Ant2	19.544	Pass
NVNT	a	5240	Ant2	19.738	Pass
NVNT	n20	5180	Ant1	19.989	Pass
NVNT	n20	5200	Ant1	19.812	Pass
NVNT	n20	5240	Ant1	20.058	Pass
NVNT	n20	5180	Ant2	19.825	Pass
NVNT	n20	5200	Ant2	20.028	Pass
NVNT	n20	5240	Ant2	20.057	Pass
NVNT	n40	5190	Ant1	39.272	Pass
NVNT	n40	5230	Ant1	39.745	Pass
NVNT	n40	5190	Ant2	39.07	Pass
NVNT	n40	5230	Ant2	39.238	Pass
NVNT	ac20	5180	Ant1	19.99	Pass
NVNT	ac20	5200	Ant1	20.053	Pass
NVNT	ac20	5240	Ant1	20.09	Pass
NVNT	ac20	5180	Ant2	20.114	Pass
NVNT	ac20	5200	Ant2	20.012	Pass
NVNT	ac20	5240	Ant2	20.147	Pass
NVNT	ac40	5190	Ant1	40.011	Pass
NVNT	ac40	5230	Ant1	40.037	Pass
NVNT	ac40	5190	Ant2	39.894	Pass
NVNT	ac40	5230	Ant2	39.724	Pass
NVNT	ac80	5210	Ant1	80.276	Pass
NVNT	ac80	5210	Ant2	80.167	Pass



-26dB Bandwidth NVNT a 5180MHz Ant1



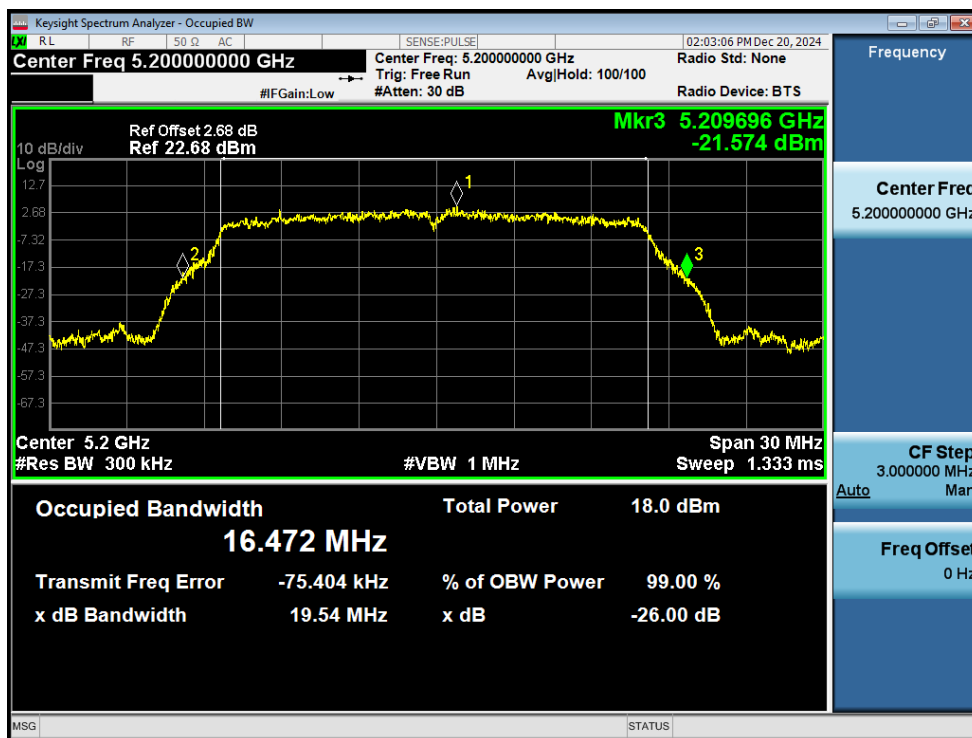
-26dB Bandwidth NVNT a 5200MHz Ant1



-26dB Bandwidth NVNT a 5240MHz Ant1



-26dB Bandwidth NVNT a 5180MHz Ant2



-26dB Bandwidth NVNT a 5200MHz Ant2



-26dB Bandwidth NVNT a 5240MHz Ant2



-26dB Bandwidth NVNT n20 5180MHz Ant1



-26dB Bandwidth NVNT n20 5200MHz Ant1



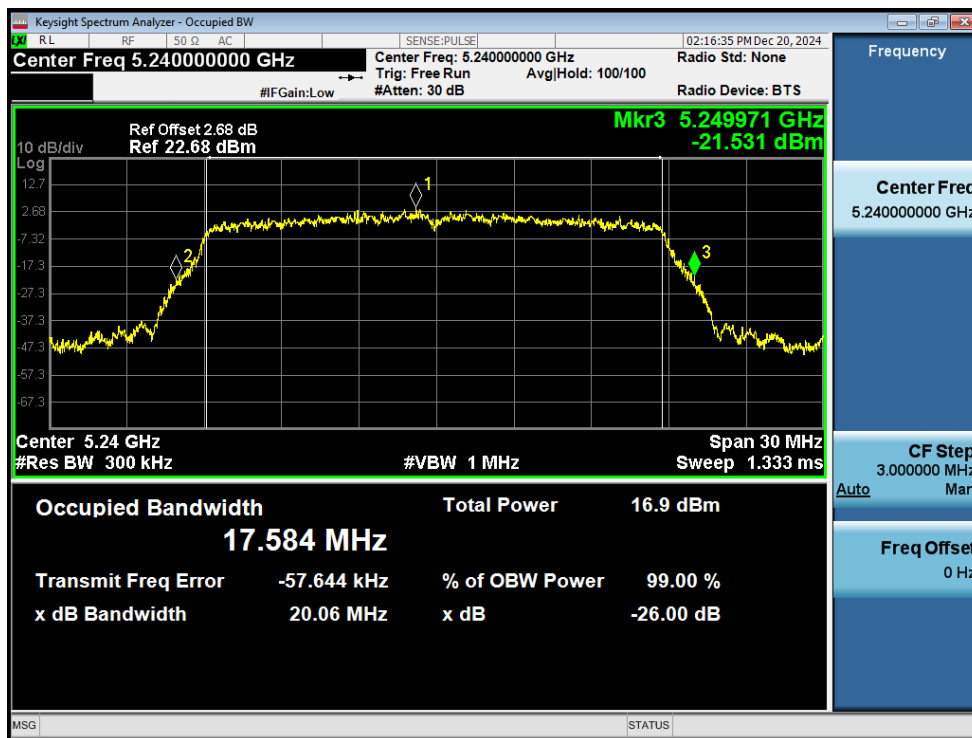
-26dB Bandwidth NVNT n20 5240MHz Ant1



-26dB Bandwidth NVNT n20 5180MHz Ant2



-26dB Bandwidth NVNT n20 5200MHz Ant2



-26dB Bandwidth NVNT n20 5240MHz Ant2



-26dB Bandwidth NVNT n40 5190MHz Ant1



-26dB Bandwidth NVNT n40 5230MHz Ant1



-26dB Bandwidth NVNT n40 5190MHz Ant2



-26dB Bandwidth NVNT n40 5230MHz Ant2



-26dB Bandwidth NVNT ac20 5180MHz Ant1



-26dB Bandwidth NVNT ac20 5200MHz Ant1



-26dB Bandwidth NVNT ac20 5240MHz Ant1



-26dB Bandwidth NVNT ac20 5180MHz Ant2



-26dB Bandwidth NVNT ac20 5200MHz Ant2



-26dB Bandwidth NVNT ac20 5240MHz Ant2



-26dB Bandwidth NVNT ac40 5190MHz Ant1



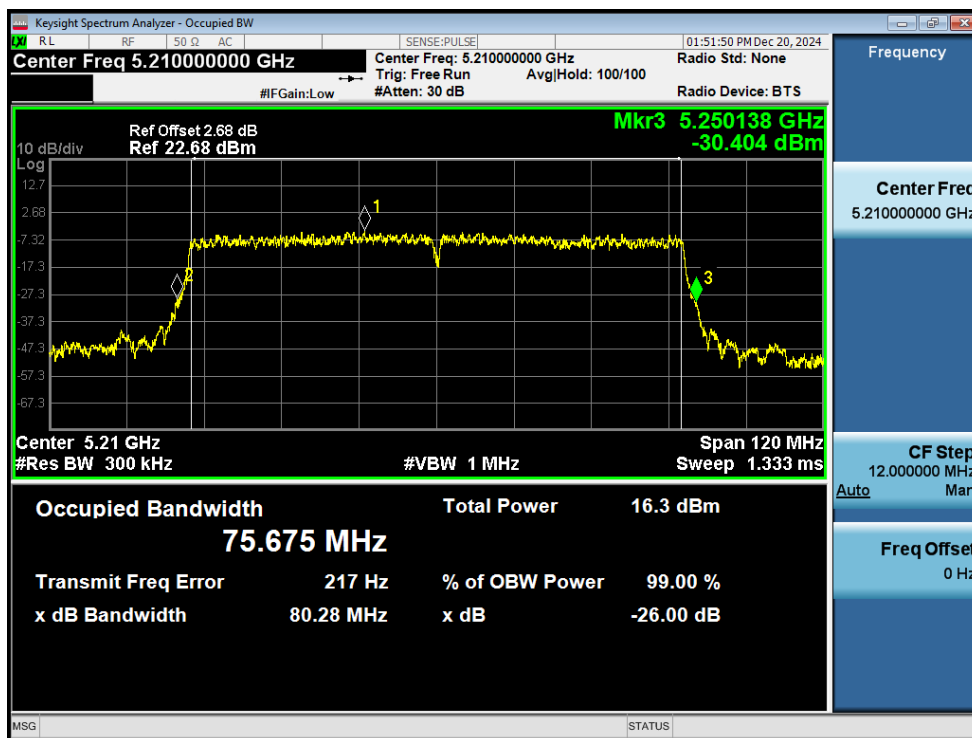
-26dB Bandwidth NVNT ac40 5230MHz Ant1



-26dB Bandwidth NVNT ac40 5190MHz Ant2



-26dB Bandwidth NVNT ac40 5230MHz Ant2



-26dB Bandwidth NVNT ac80 5210MHz Ant1



-26dB Bandwidth NVNT ac80 5210MHz Ant2