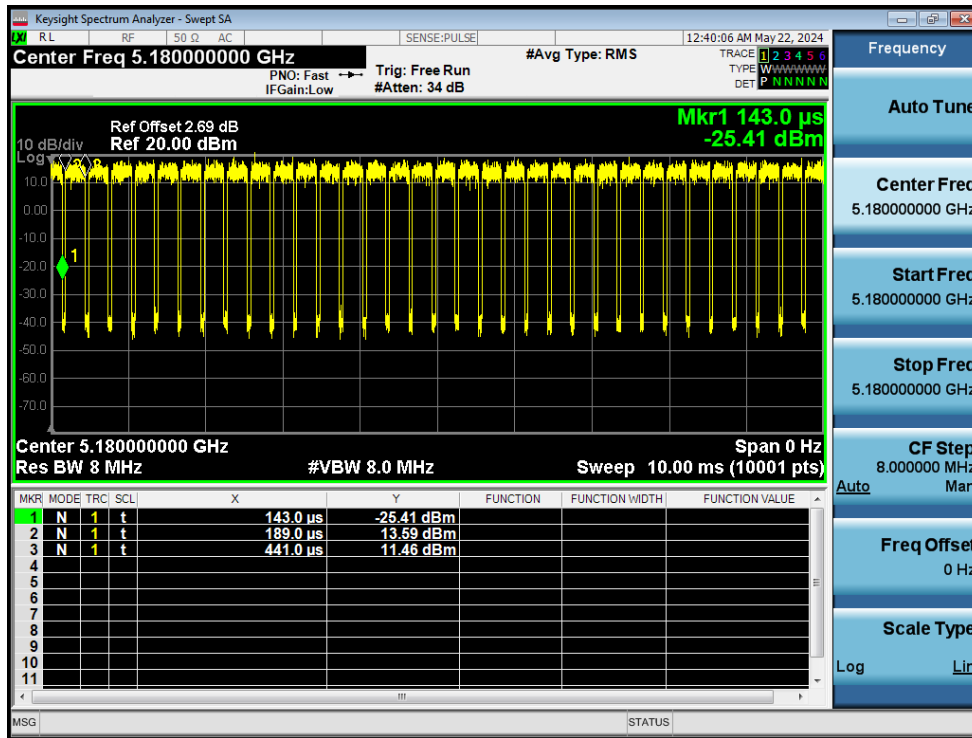


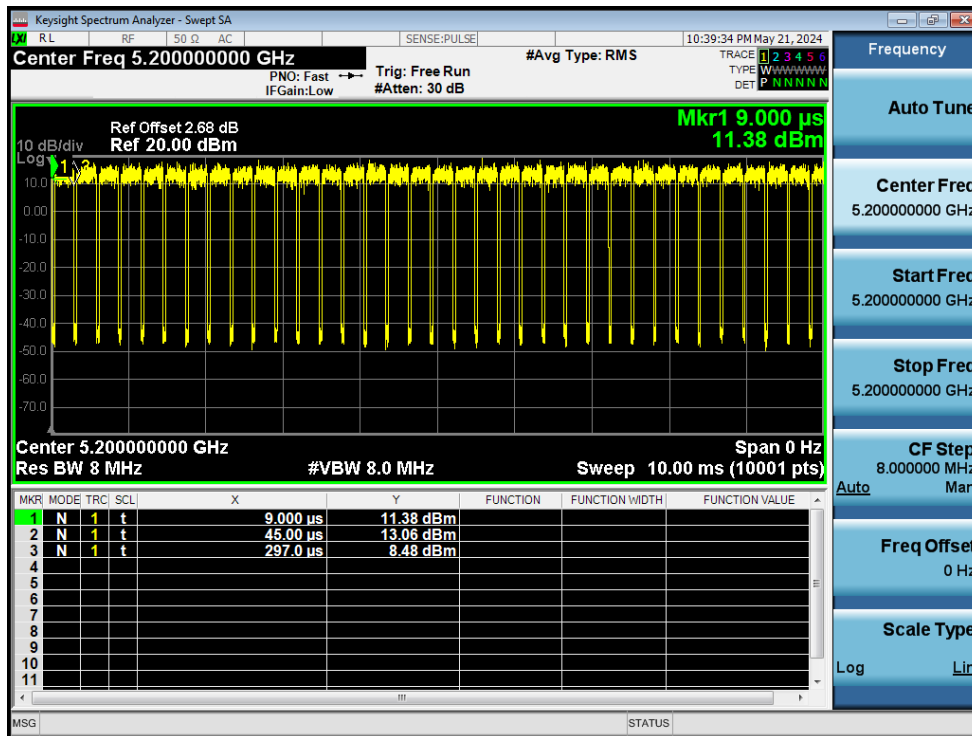
## Test Data Appendix of Test Report

### 1. Duty Cycle

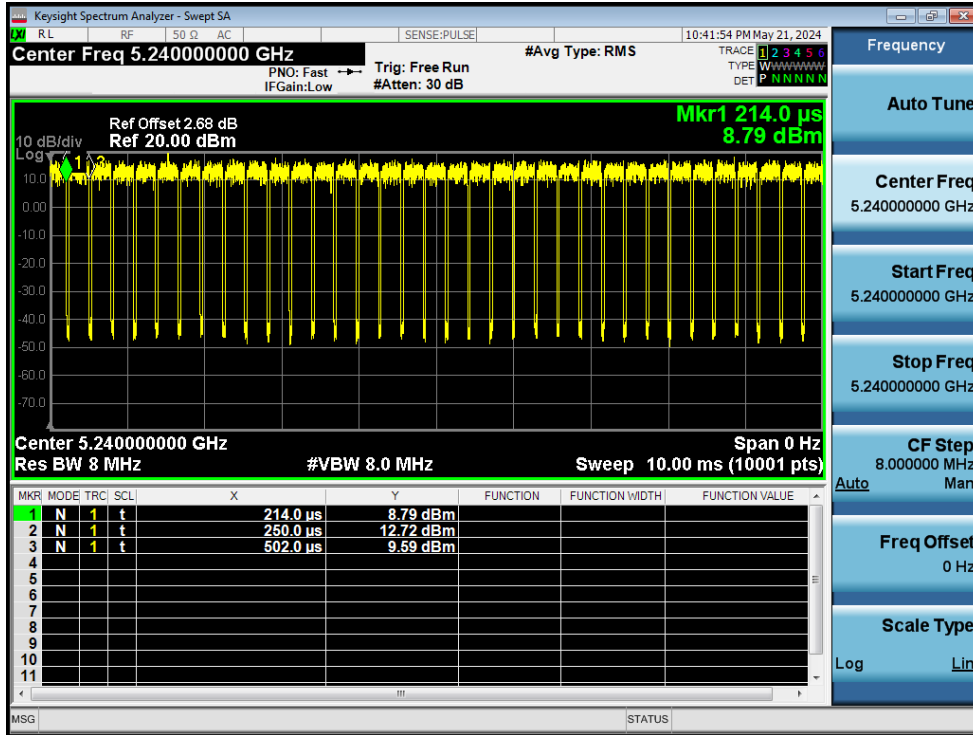
Condition	Mode	Frequency (MHz)	Antenna	Duty Cycle (%)	Correction Factor (dB)	1/T (kHz)
NVNT	a	5180	Ant1	84.56	0.73	3.97
NVNT	a	5200	Ant1	87.5	0.58	3.97
NVNT	a	5240	Ant1	87.5	0.58	3.97
NVNT	n20	5180	Ant1	98.59	0	0.39
NVNT	n20	5200	Ant1	98.59	0	0.39
NVNT	n20	5240	Ant1	98.63	0	0.39
NVNT	n40	5190	Ant1	97.48	0.11	0.55
NVNT	n40	5230	Ant1	97.48	0.11	0.55
NVNT	ac20	5180	Ant1	98.62	0	0.39
NVNT	ac20	5200	Ant1	98.59	0	0.39
NVNT	ac20	5240	Ant1	98.62	0	0.39
NVNT	ac40	5190	Ant1	97.49	0.11	0.55
NVNT	ac40	5230	Ant1	97.49	0.11	0.55
NVNT	ac80	5210	Ant1	94.85	0.23	1.16
NVNT	ax20	5180	Ant1	98	0	0.43
NVNT	ax20	5200	Ant1	98	0	0.43
NVNT	ax20	5240	Ant1	97.96	0.09	0.43
NVNT	ax40	5190	Ant1	96.1	0.17	0.85
NVNT	ax40	5230	Ant1	96.1	0.17	0.85
NVNT	ax80	5210	Ant1	92.76	0.33	1.66



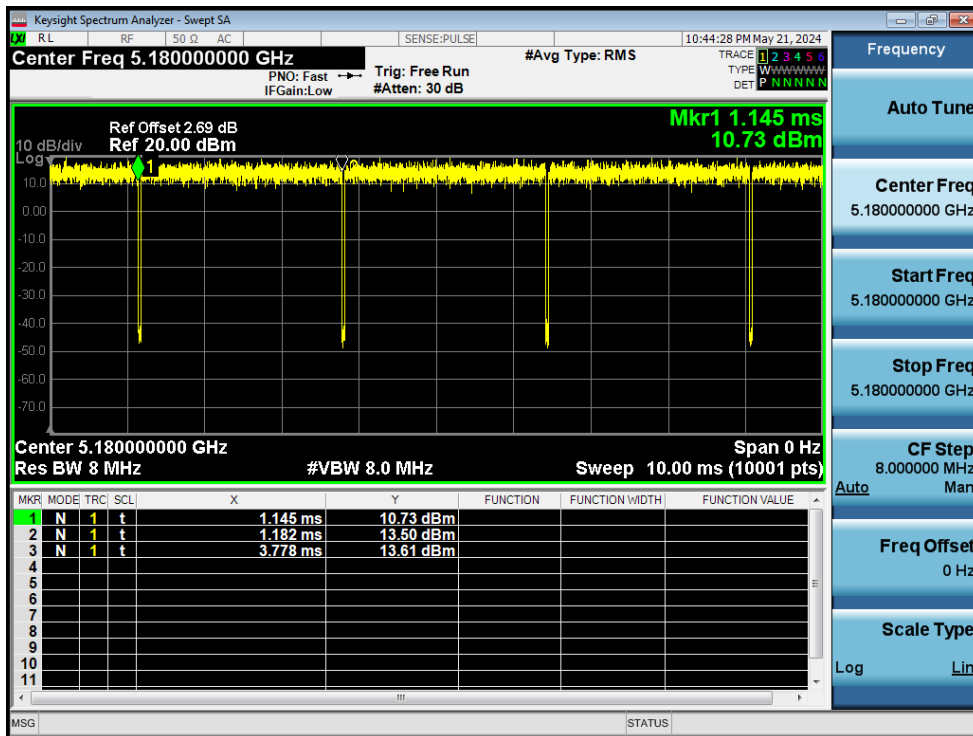
Duty Cycle NVNT a 5180MHz Ant1



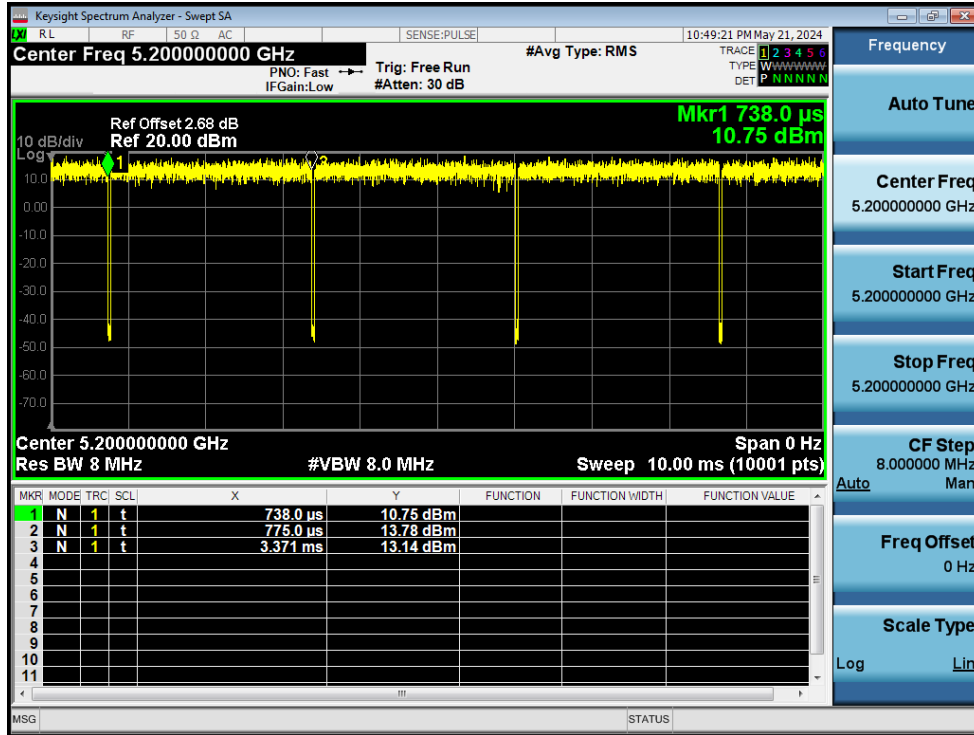
Duty Cycle NVNT a 5200MHz Ant1



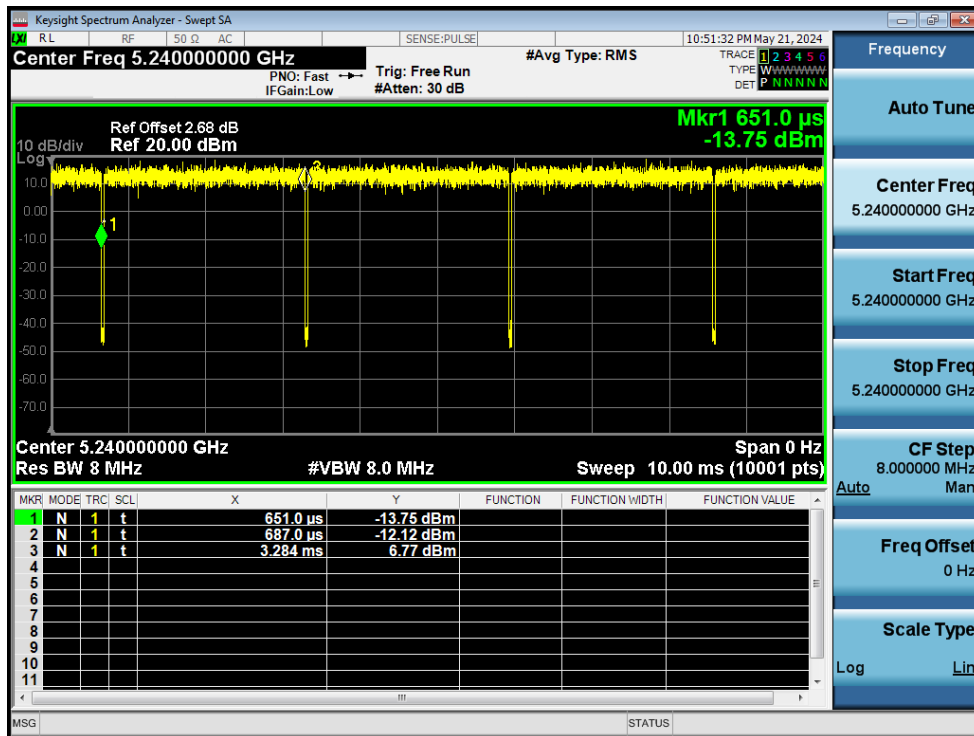
Duty Cycle NVNT a 5240MHz Ant1



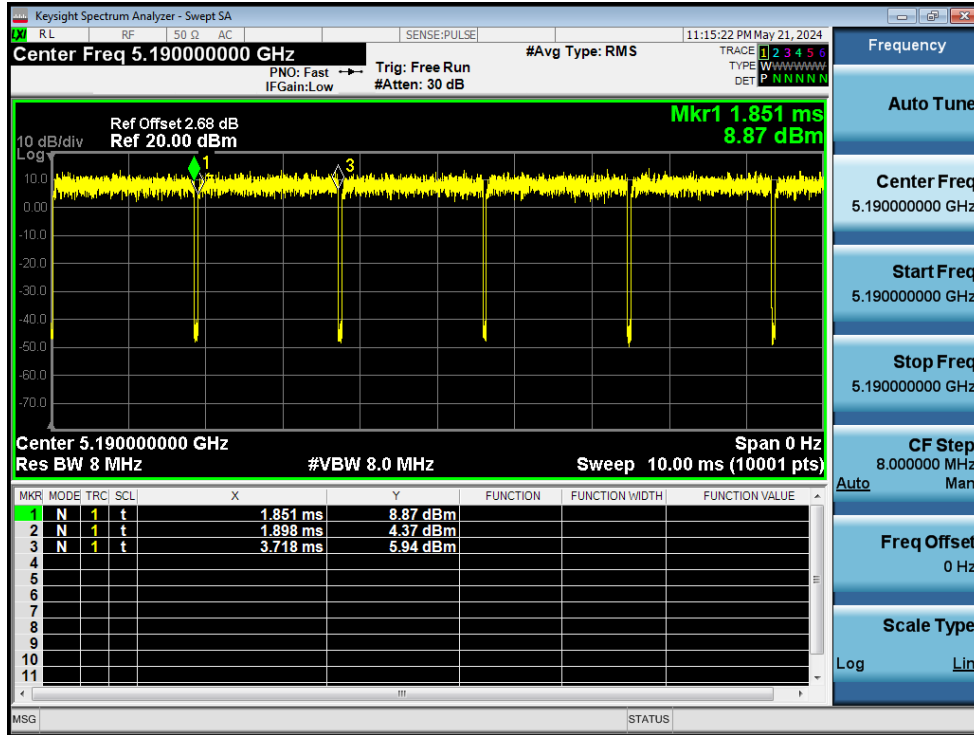
Duty Cycle NVNT n20 5180MHz Ant1



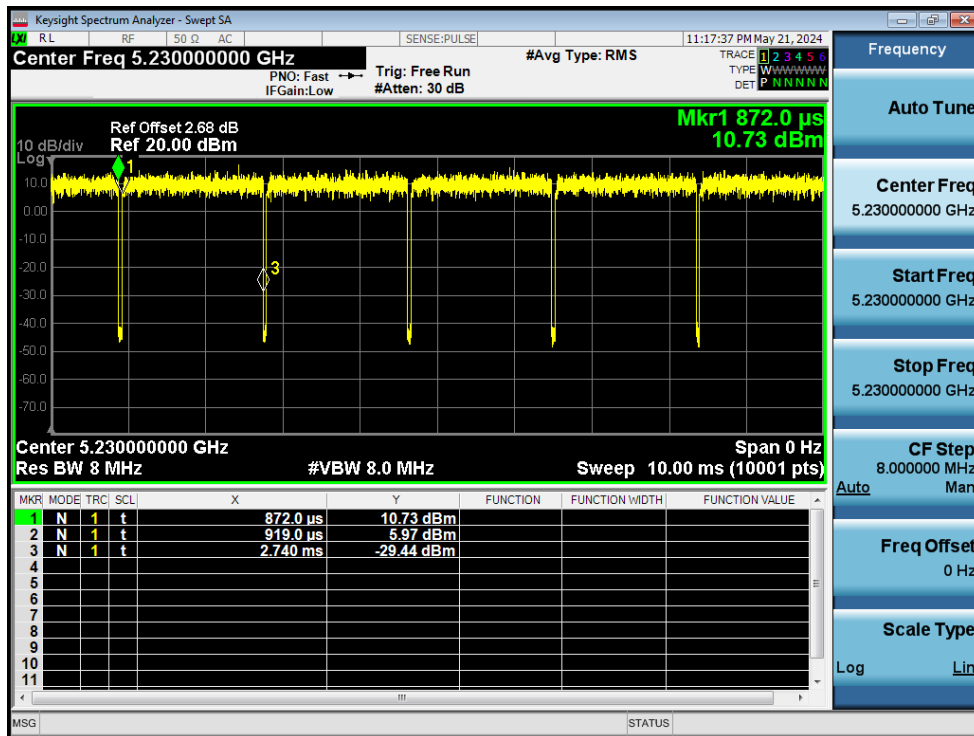
Duty Cycle NVNT n20 5200MHz Ant1



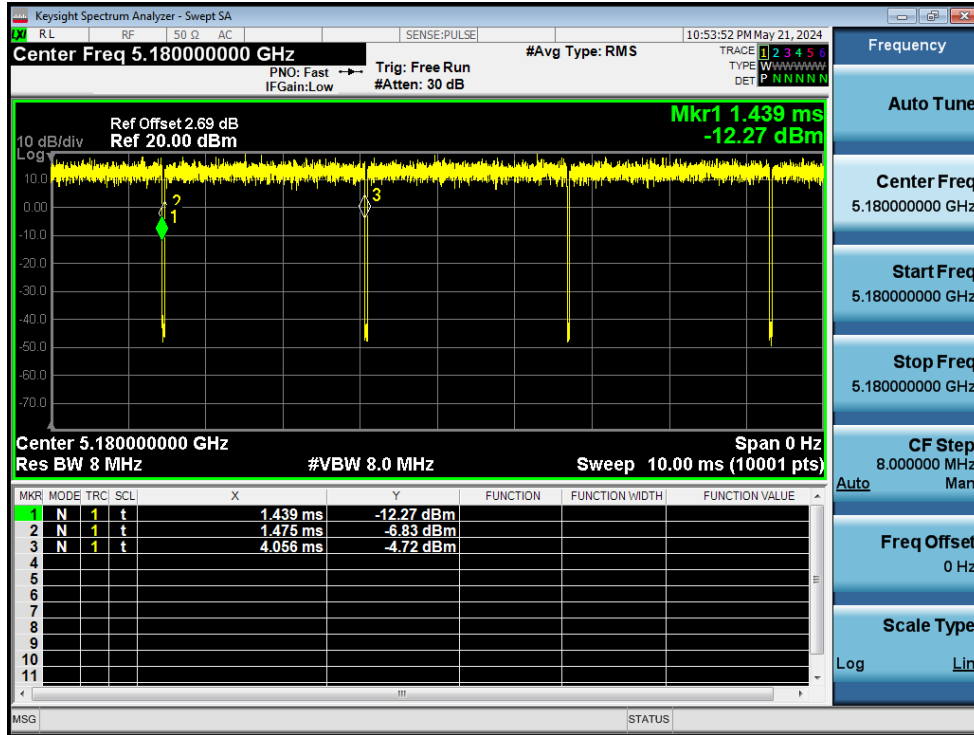
Duty Cycle NVNT n20 5240MHz Ant1



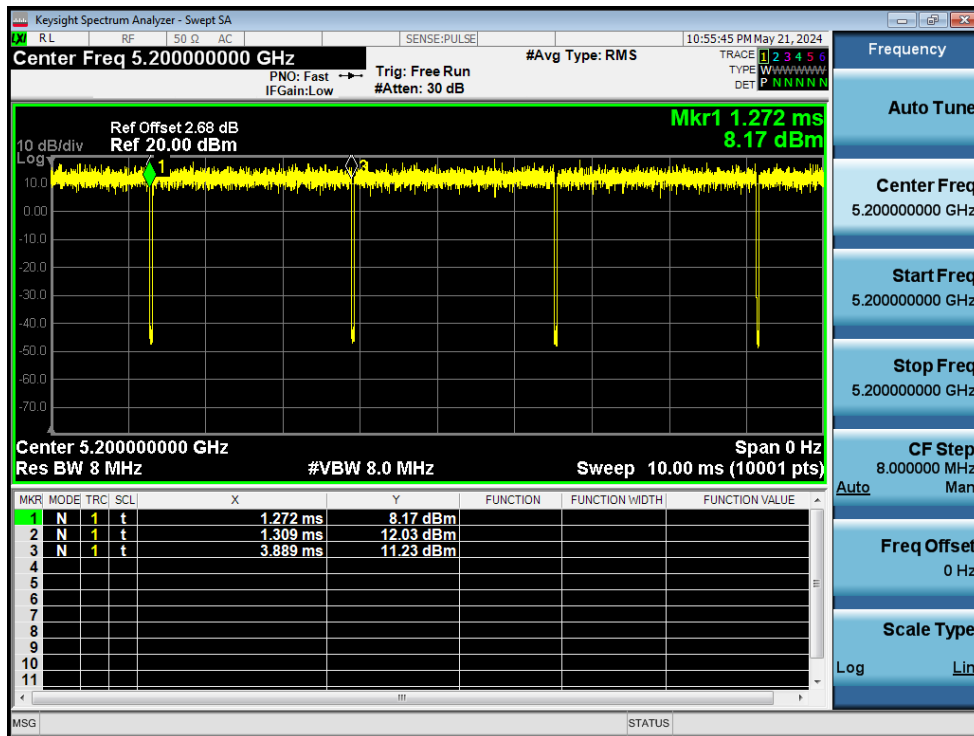
Duty Cycle NVNT n40 5190MHz Ant1



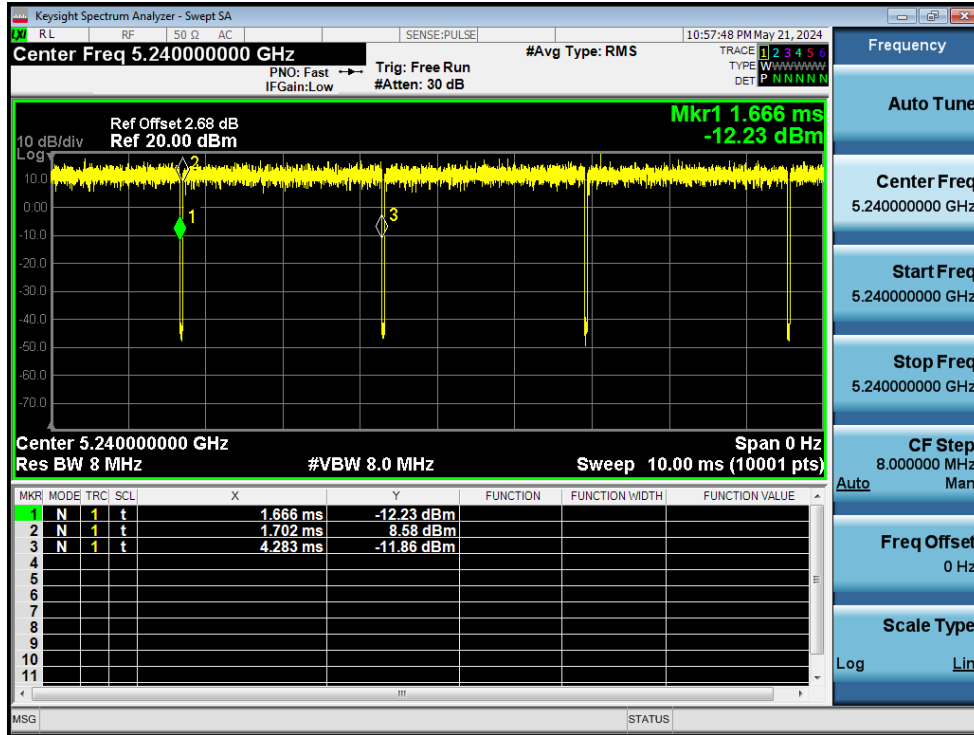
Duty Cycle NVNT n40 5230MHz Ant1



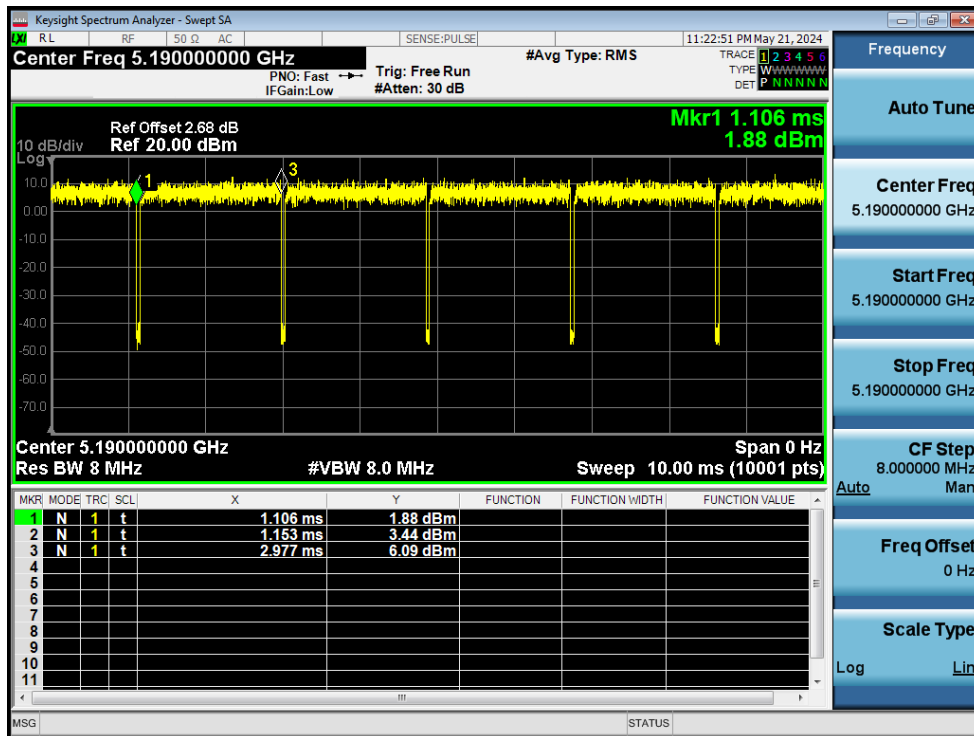
Duty Cycle NVNT ac20 5180MHz Ant1



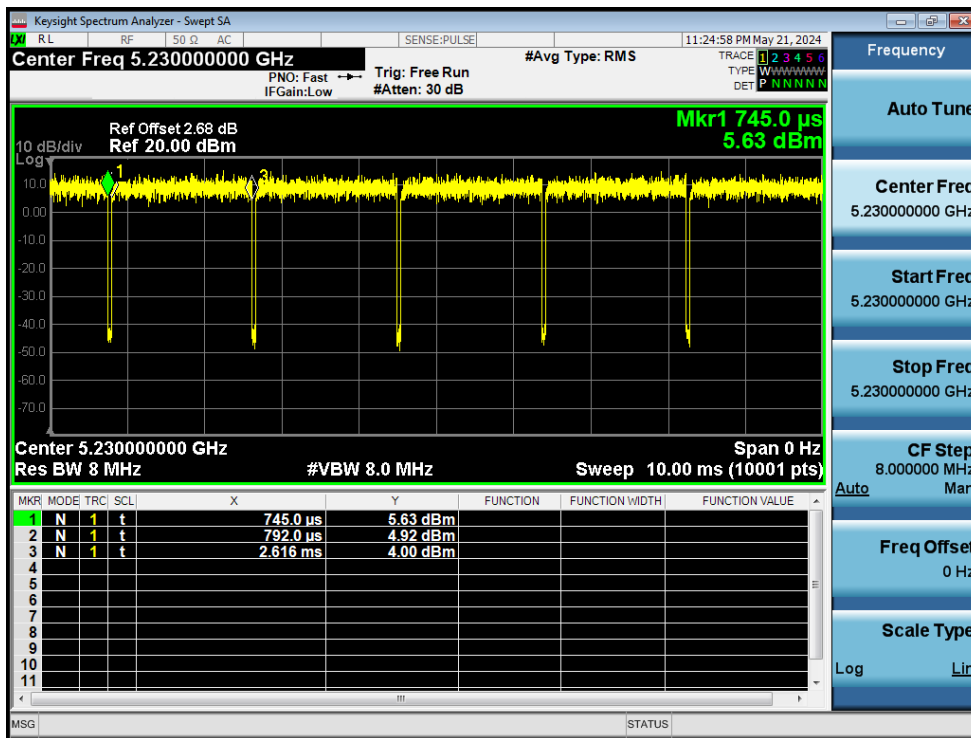
Duty Cycle NVNT ac20 5200MHz Ant1



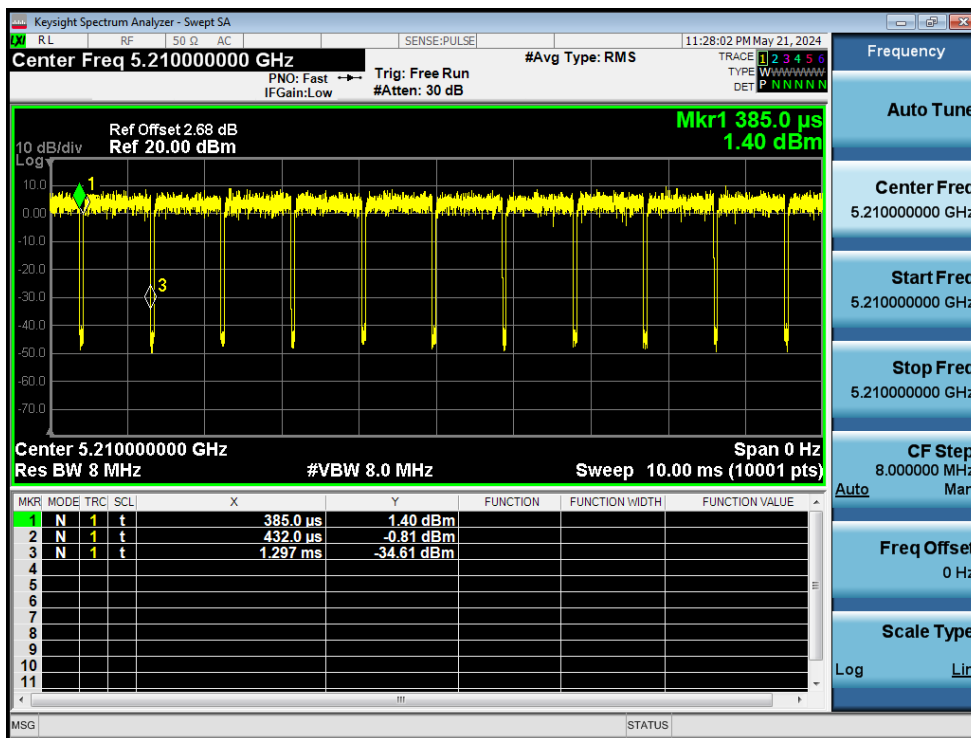
Duty Cycle NVNT ac20 5240MHz Ant1



Duty Cycle NVNT ac40 5190MHz Ant1

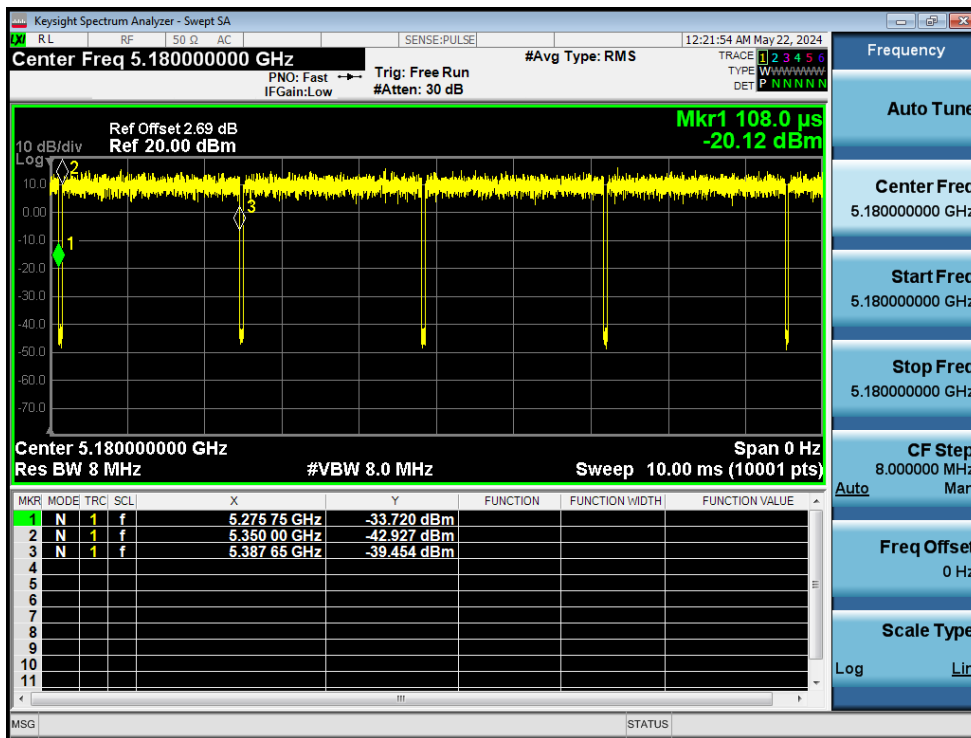


Duty Cycle NVNT ac40 5230MHz Ant1

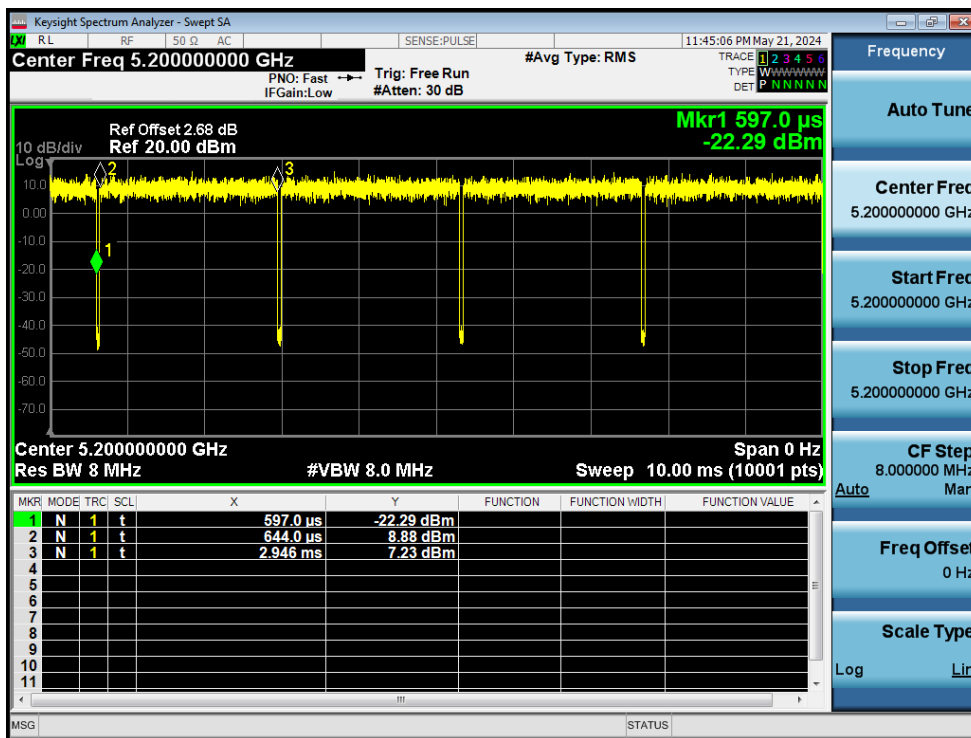


Duty Cycle NVNT ac80 5210MHz Ant1

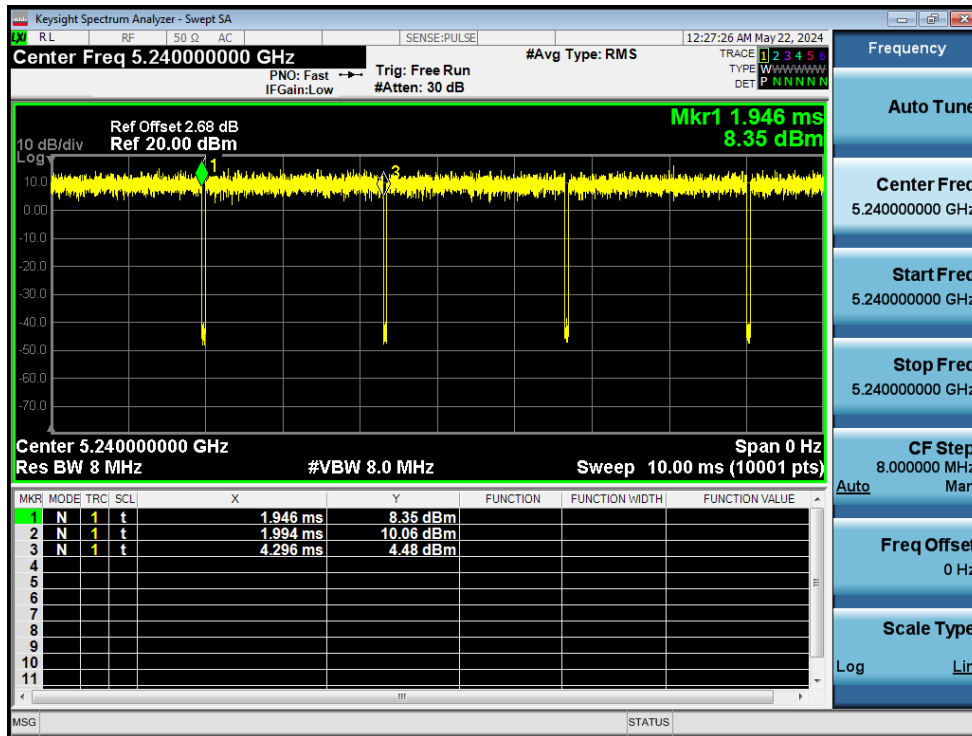




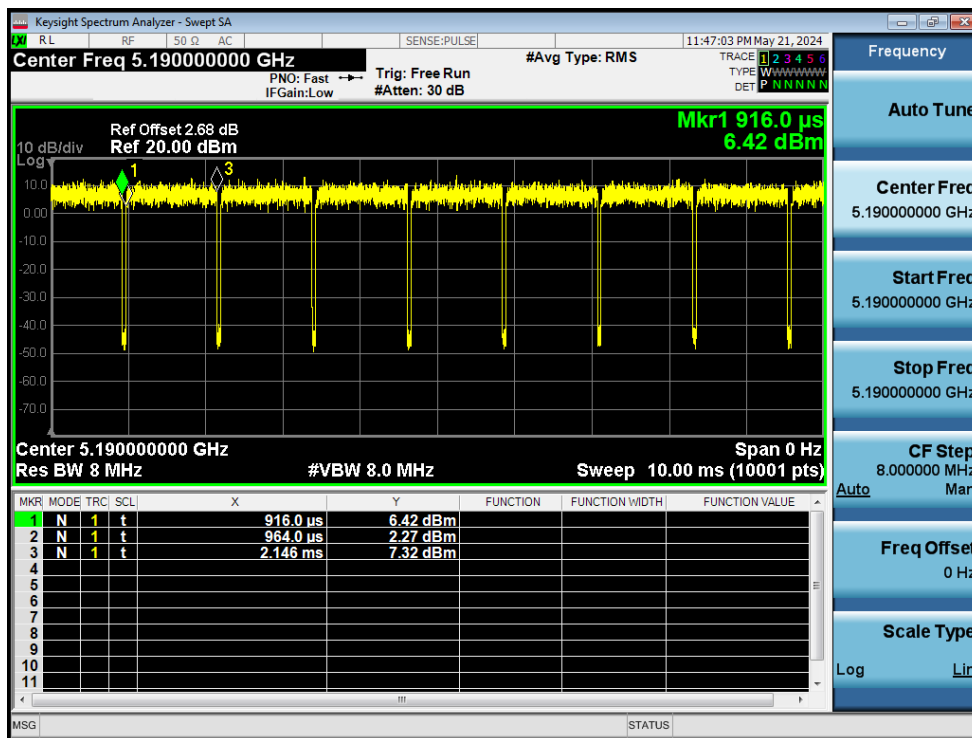
Duty Cycle NVNT ax20 5180MHz Ant1



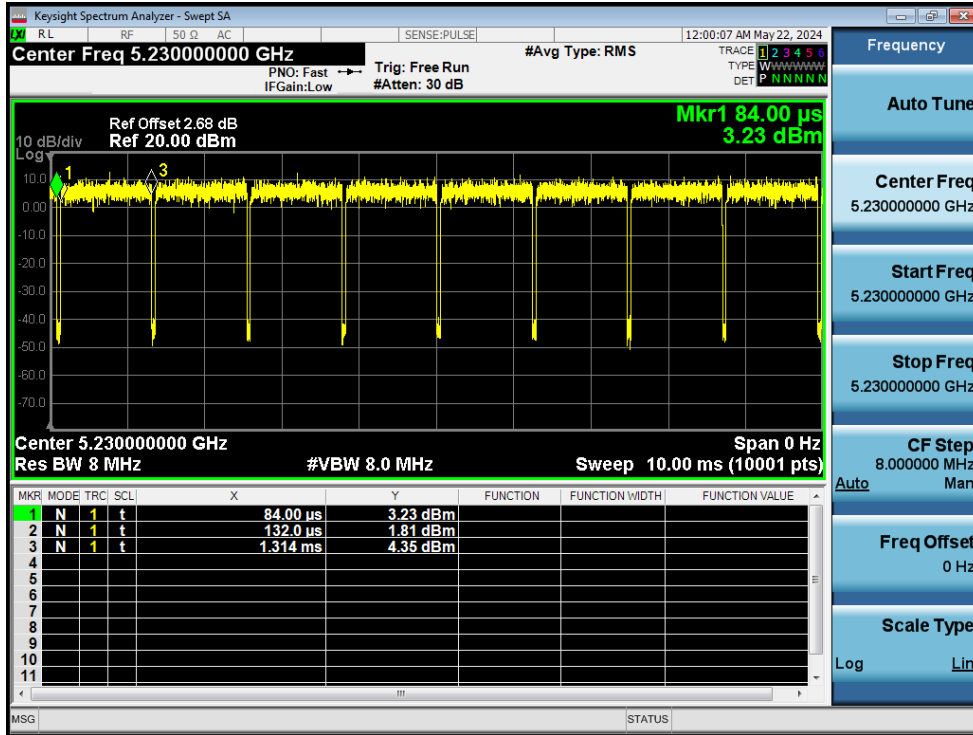
Duty Cycle NVNT ax20 5200MHz Ant1



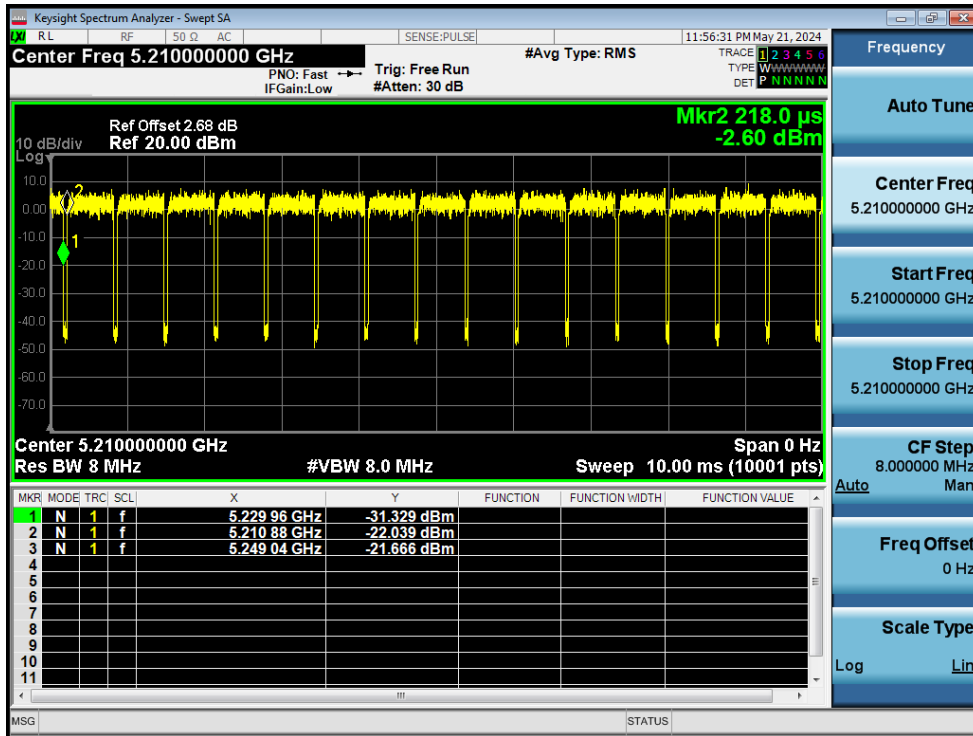
Duty Cycle NVNT ax20 5240MHz Ant1



Duty Cycle NVNT ax40 5190MHz Ant1



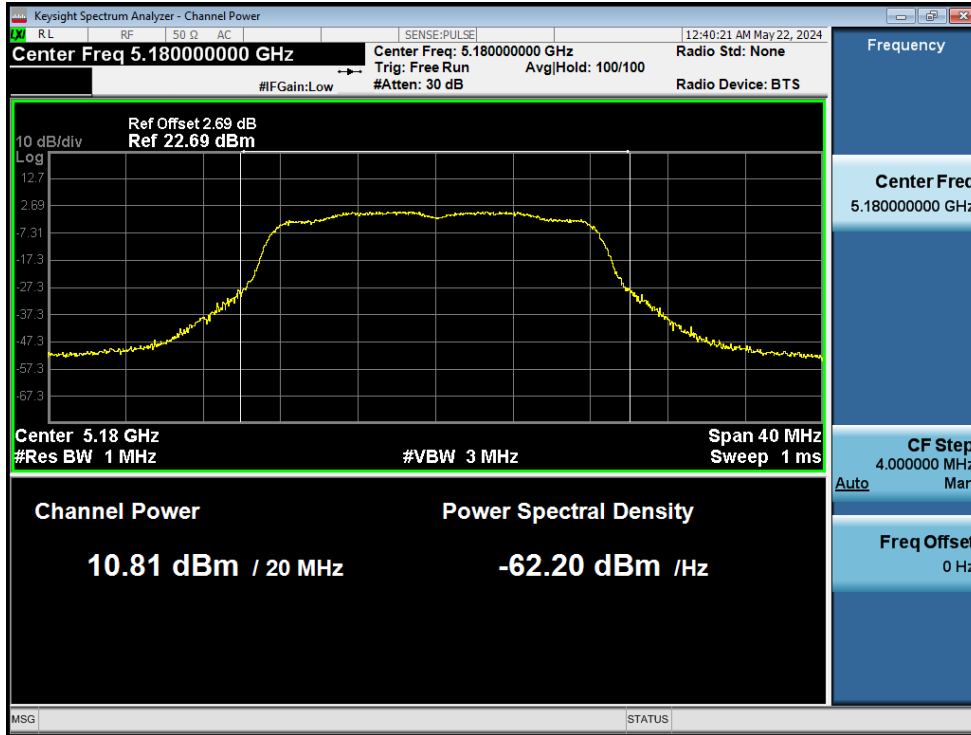
Duty Cycle NVNT ax40 5230MHz Ant1



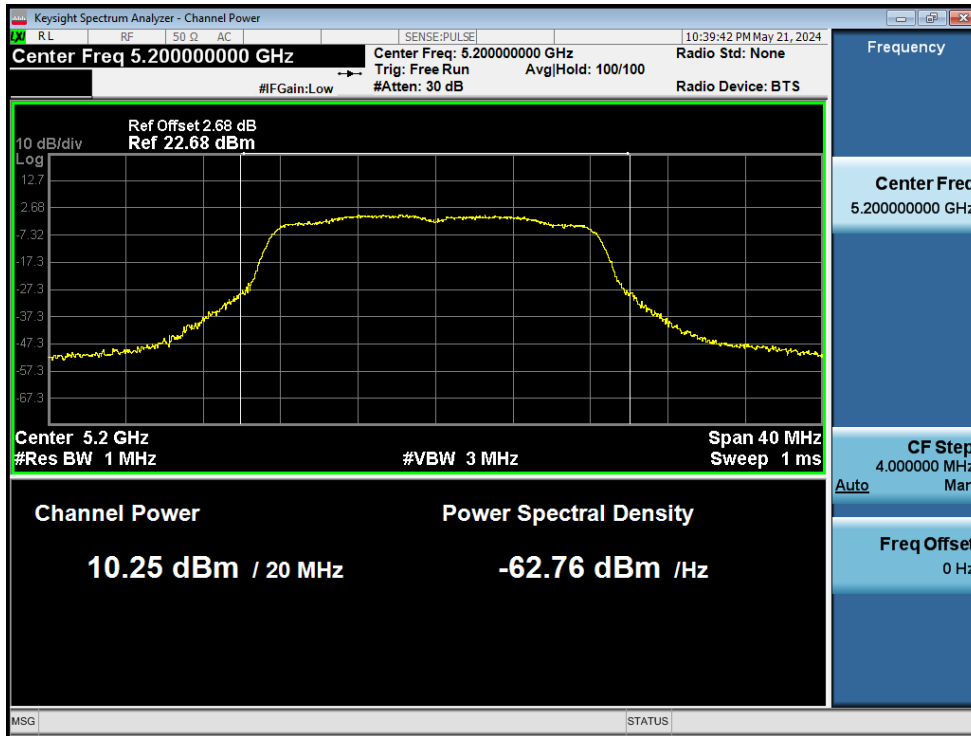
Duty Cycle NVNT ax80 5210MHz Ant1

## 2. Maximum Conducted Output Power

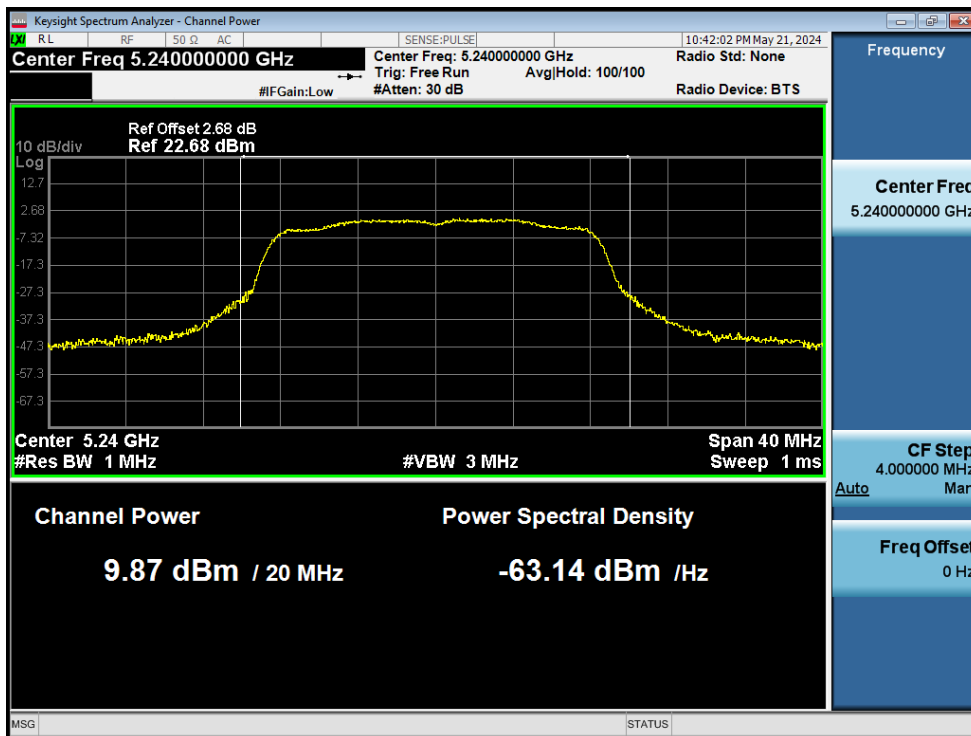
Condition	Mode	Frequency (MHz)	Antenna	Conducted Power (dBm)	Duty Factor (dB)	Total Power (dBm)	Limit (dBm)	Verdict
NVNT	a	5180	Ant1	10.81	0.73	11.54	24	Pass
NVNT	a	5200	Ant1	10.25	0.58	10.83	24	Pass
NVNT	a	5240	Ant1	9.87	0.58	10.45	24	Pass
NVNT	n20	5180	Ant1	11.52	0	11.52	24	Pass
NVNT	n20	5200	Ant1	10.79	0	10.79	24	Pass
NVNT	n20	5240	Ant1	10.37	0	10.37	24	Pass
NVNT	n40	5190	Ant1	14.53	0	14.53	24	Pass
NVNT	n40	5230	Ant1	11.34	0.11	11.45	24	Pass
NVNT	ac20	5180	Ant1	11.51	0	11.51	24	Pass
NVNT	ac20	5200	Ant1	10.79	0	10.79	24	Pass
NVNT	ac20	5240	Ant1	10.36	0	10.36	24	Pass
NVNT	ac40	5190	Ant1	8.87	0.11	8.98	24	Pass
NVNT	ac40	5230	Ant1	11.06	0.11	11.17	24	Pass
NVNT	ac80	5210	Ant1	9.26	0.23	9.49	24	Pass
NVNT	ax20	5180	Ant1	8.55	0	8.55	24	Pass
NVNT	ax20	5200	Ant1	7.91	0	7.91	24	Pass
NVNT	ax20	5240	Ant1	8.06	0.09	8.15	24	Pass
NVNT	ax40	5190	Ant1	8.67	0.17	8.84	24	Pass
NVNT	ax40	5230	Ant1	7.91	0.17	8.08	24	Pass
NVNT	ax80	5210	Ant1	7.54	0.33	7.87	24	Pass



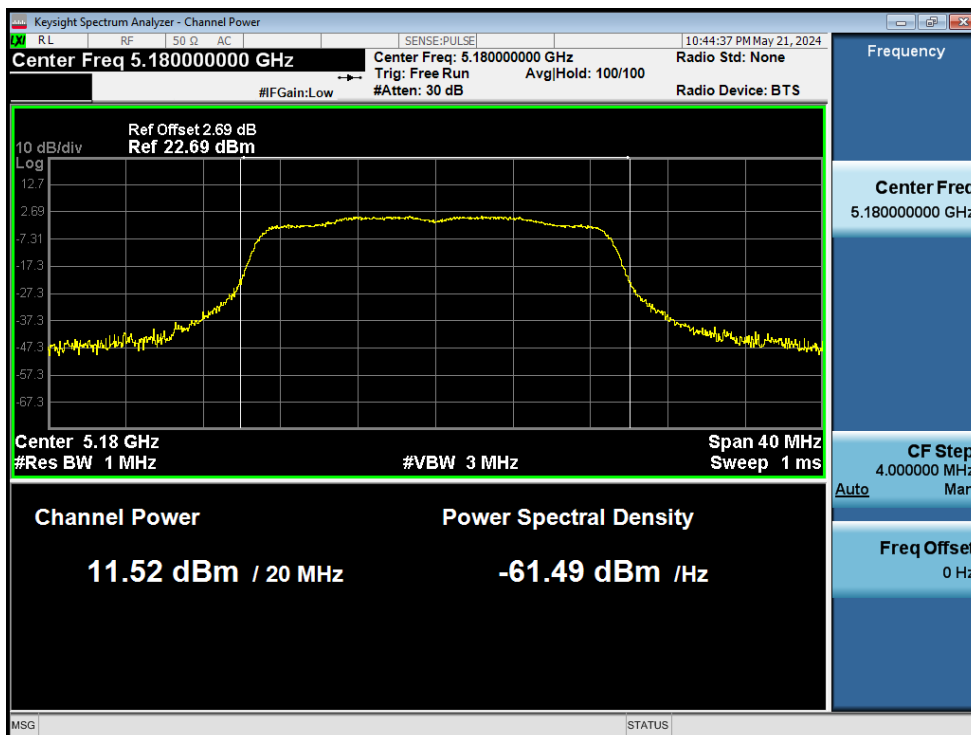
Power NVNT a 5180MHz Ant1



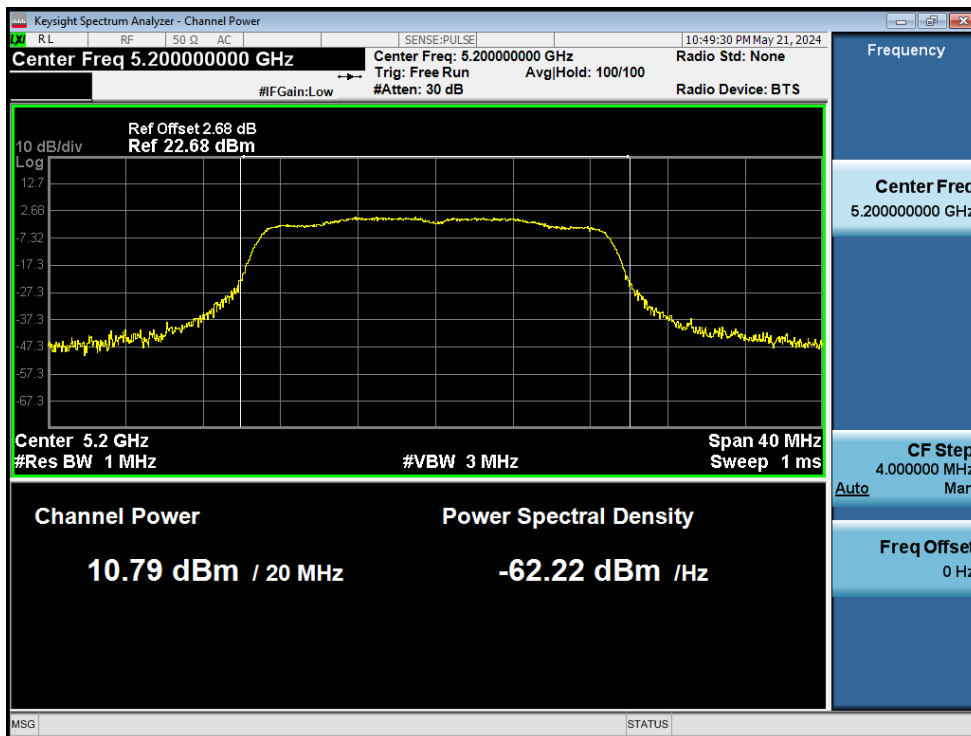
Power NVNT a 5200MHz Ant1



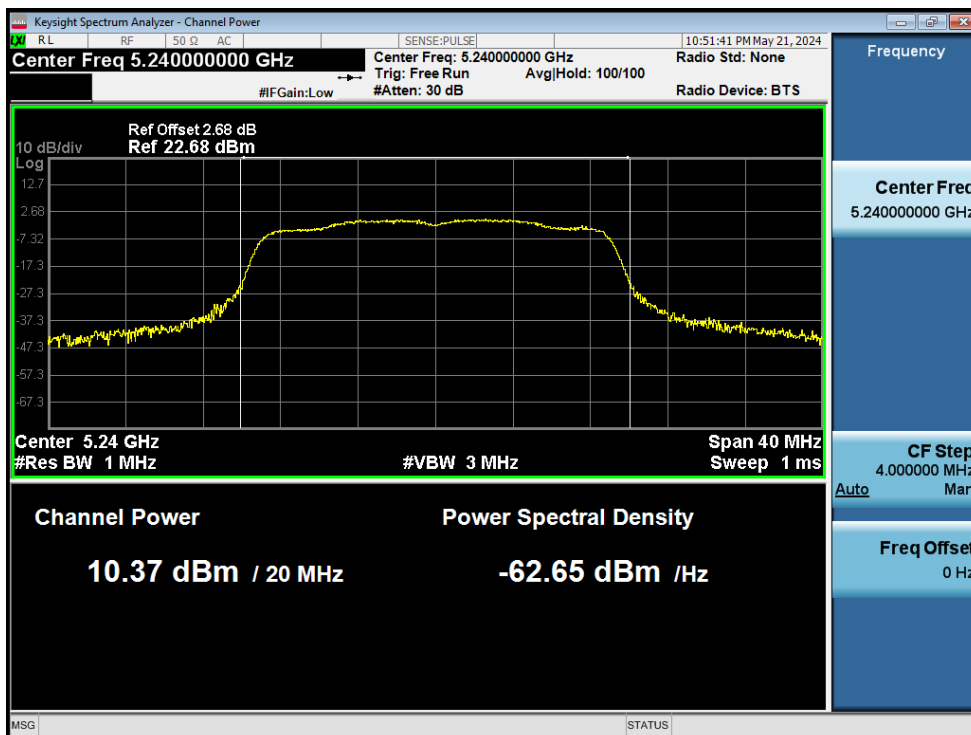
Power NVNT a 5240MHz Ant1



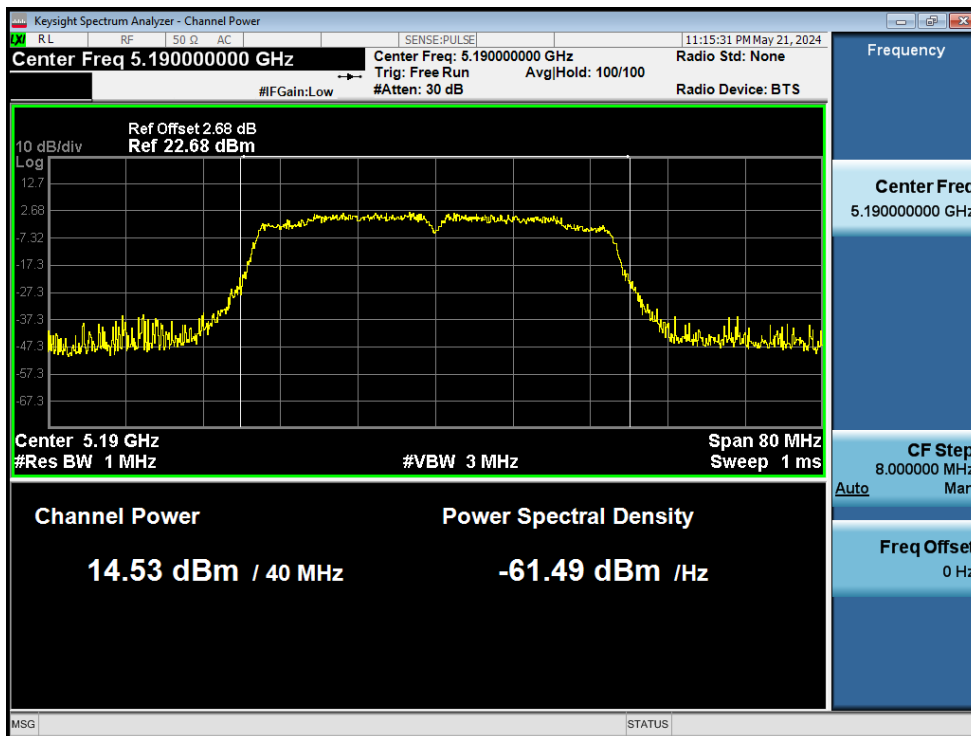
Power NVNT n20 5180MHz Ant1



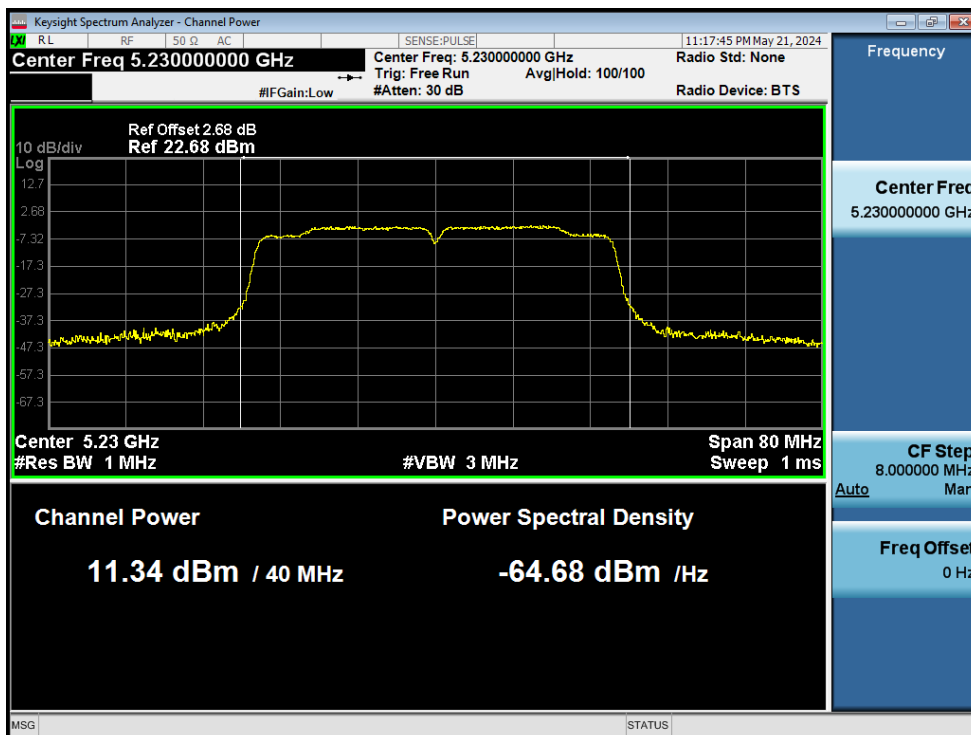
Power NVNT n20 5200MHz Ant1



Power NVNT n20 5240MHz Ant1

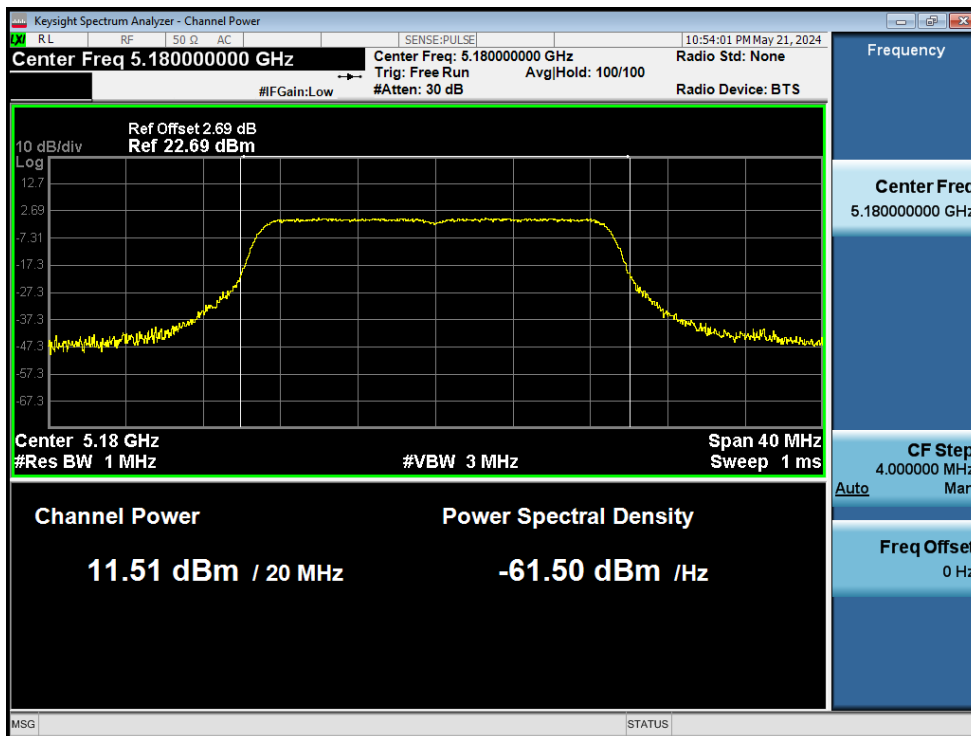


Power NVNT n40 5190MHz Ant1

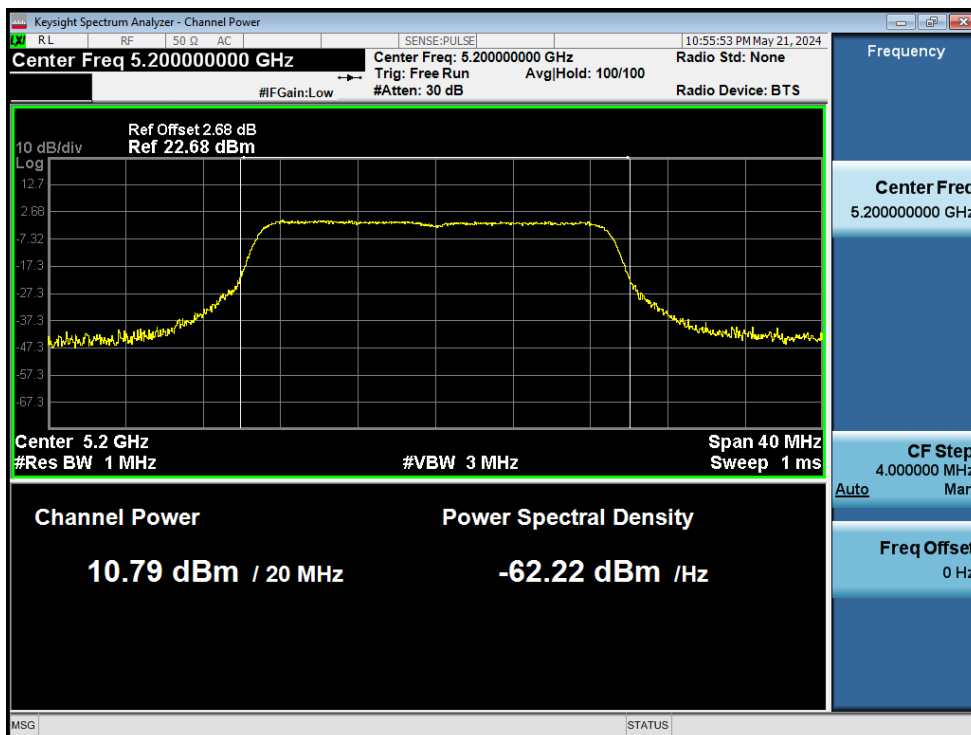


Power NVNT n40 5230MHz Ant1

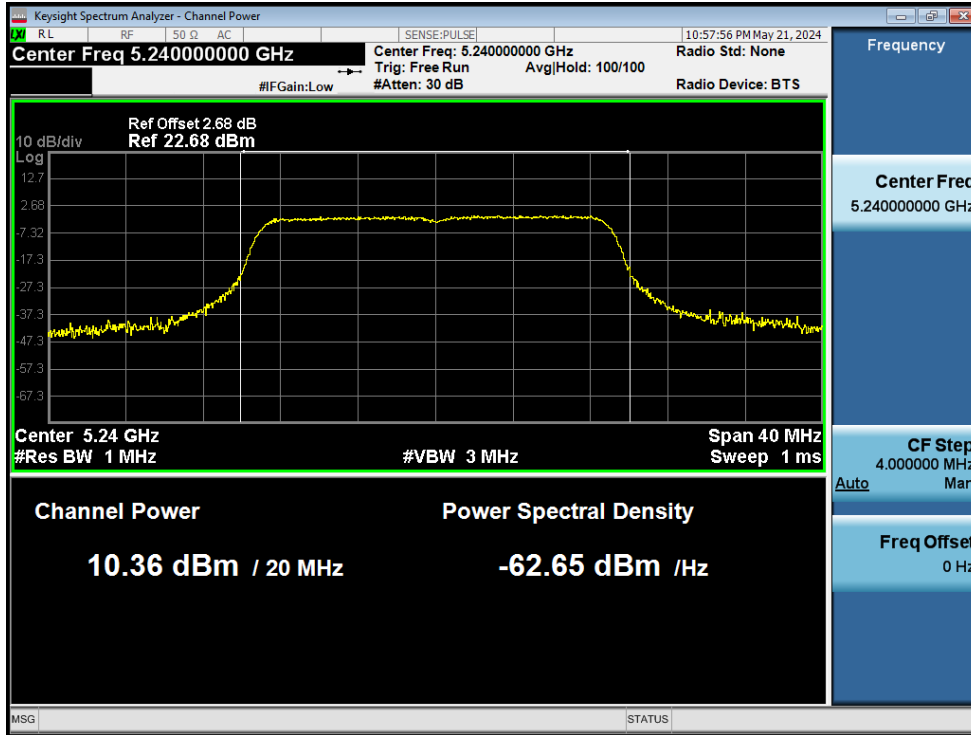




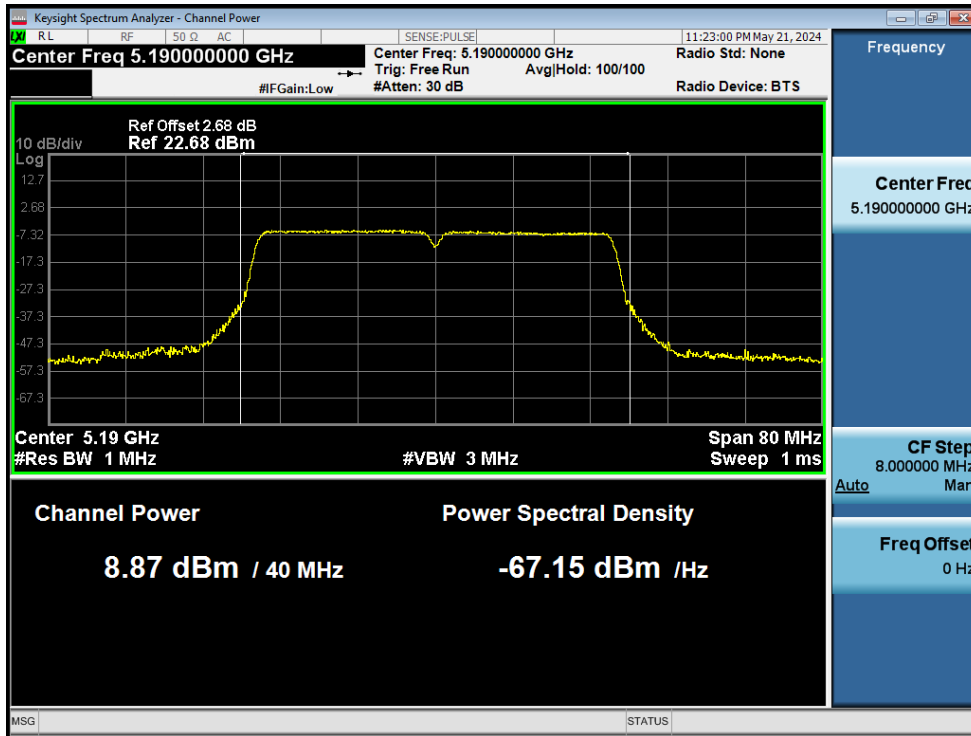
Power NVNT ac20 5180MHz Ant1



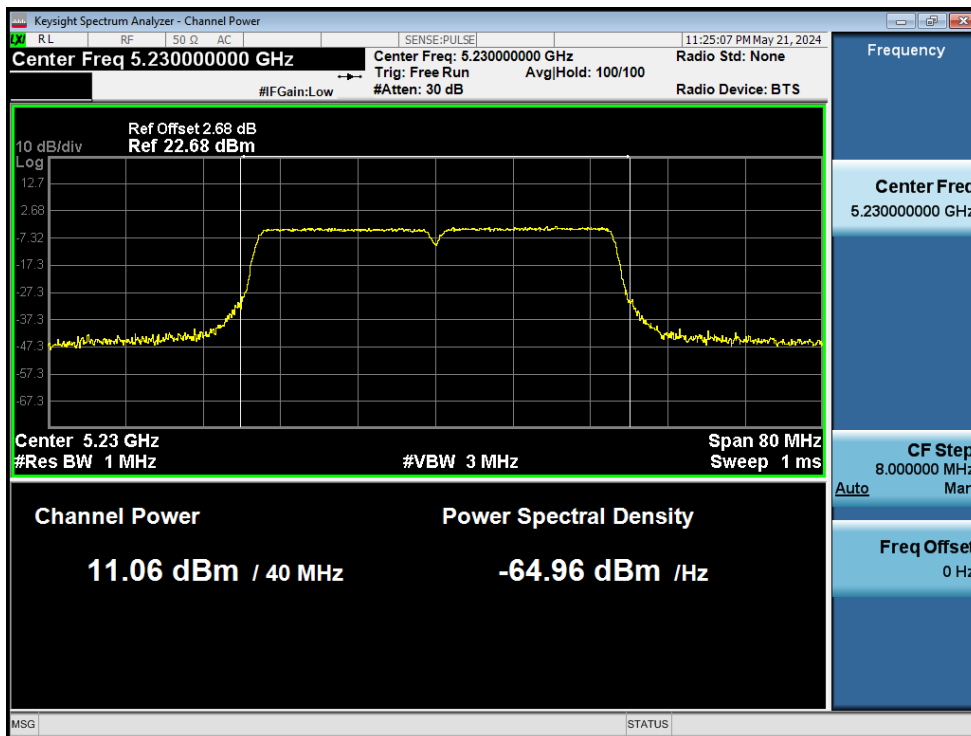
Power NVNT ac20 5200MHz Ant1



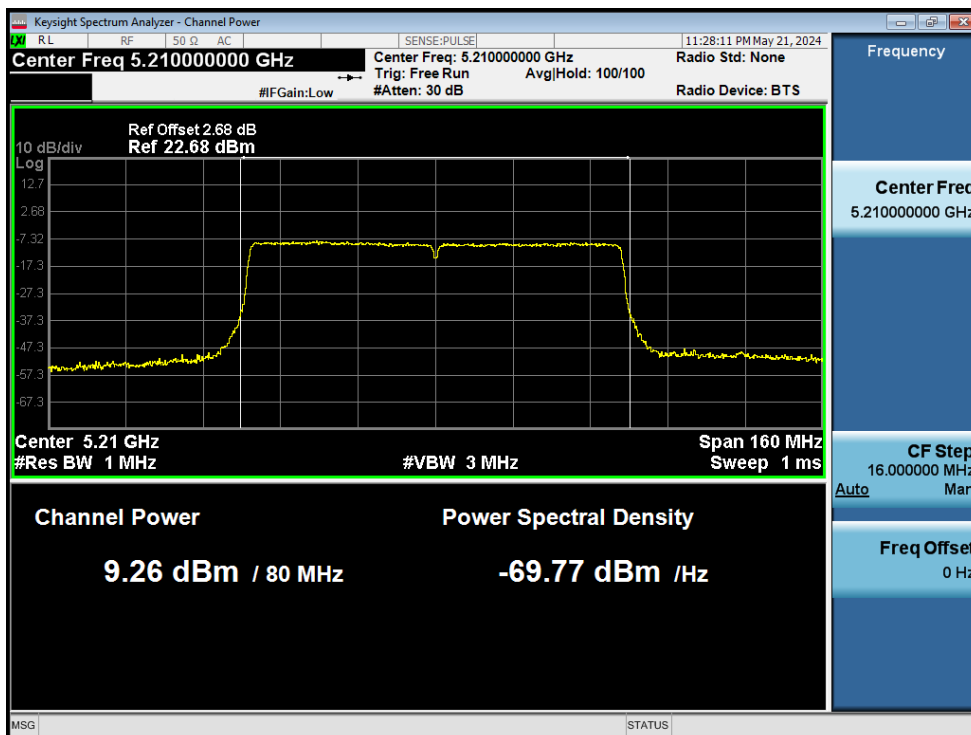
Power NVNT ac20 5240MHz Ant1



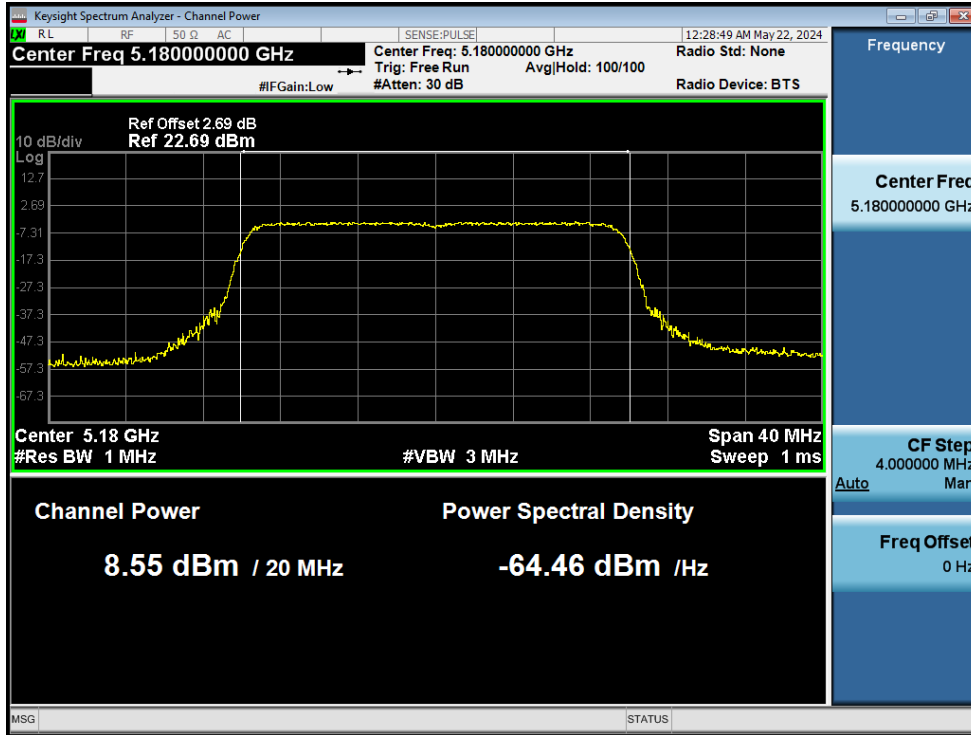
Power NVNT ac40 5190MHz Ant1



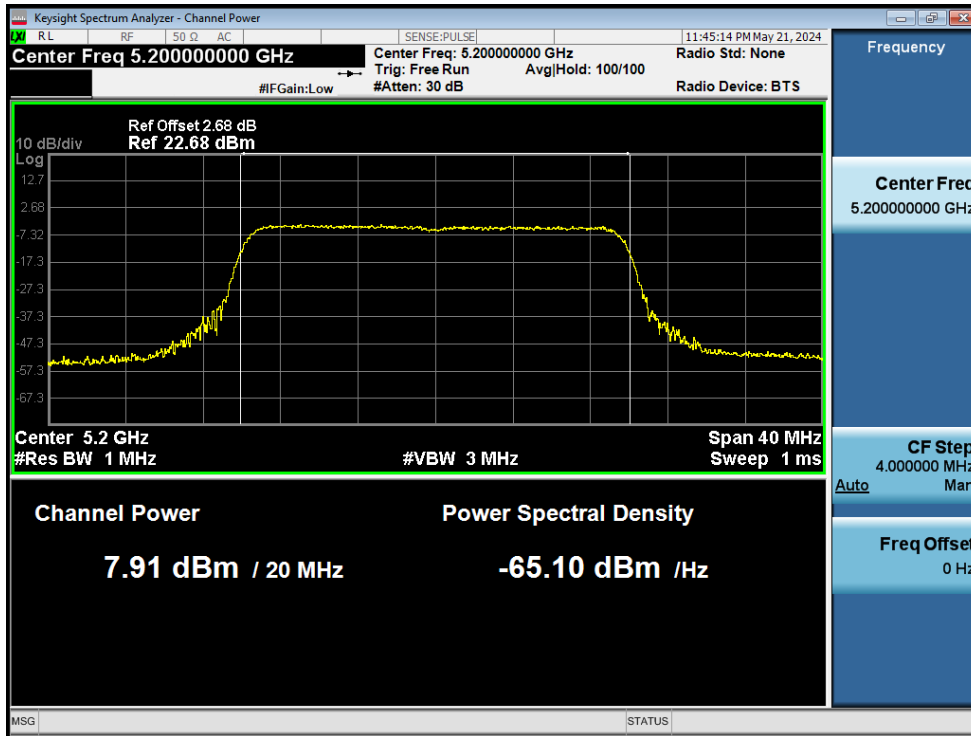
Power NVNT ac40 5230MHz Ant1



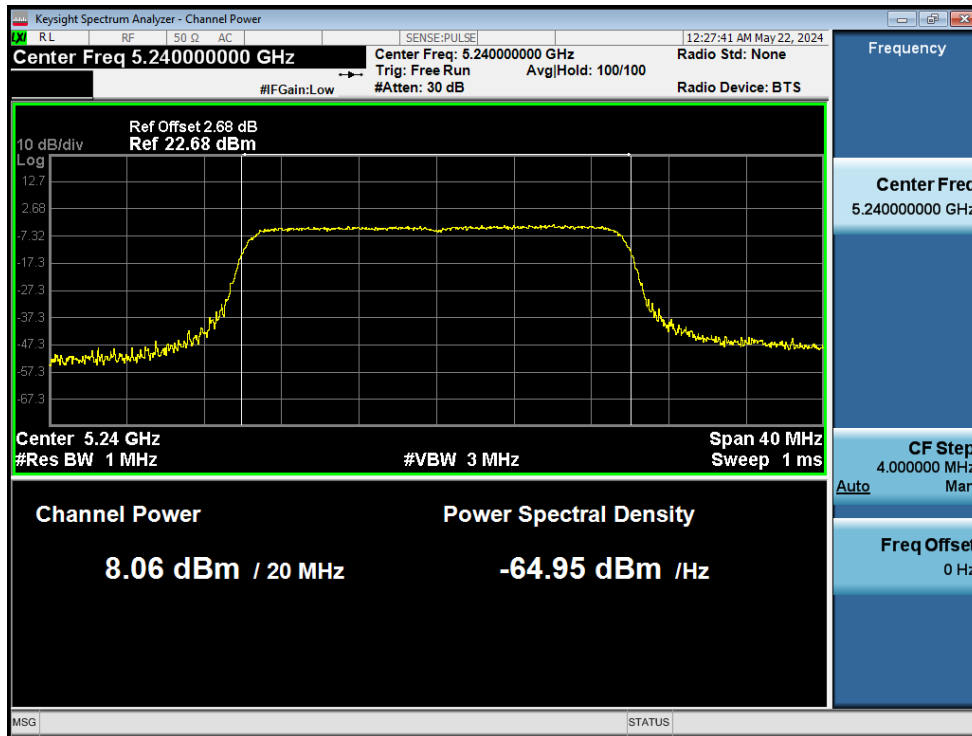
Power NVNT ac80 5210MHz Ant1



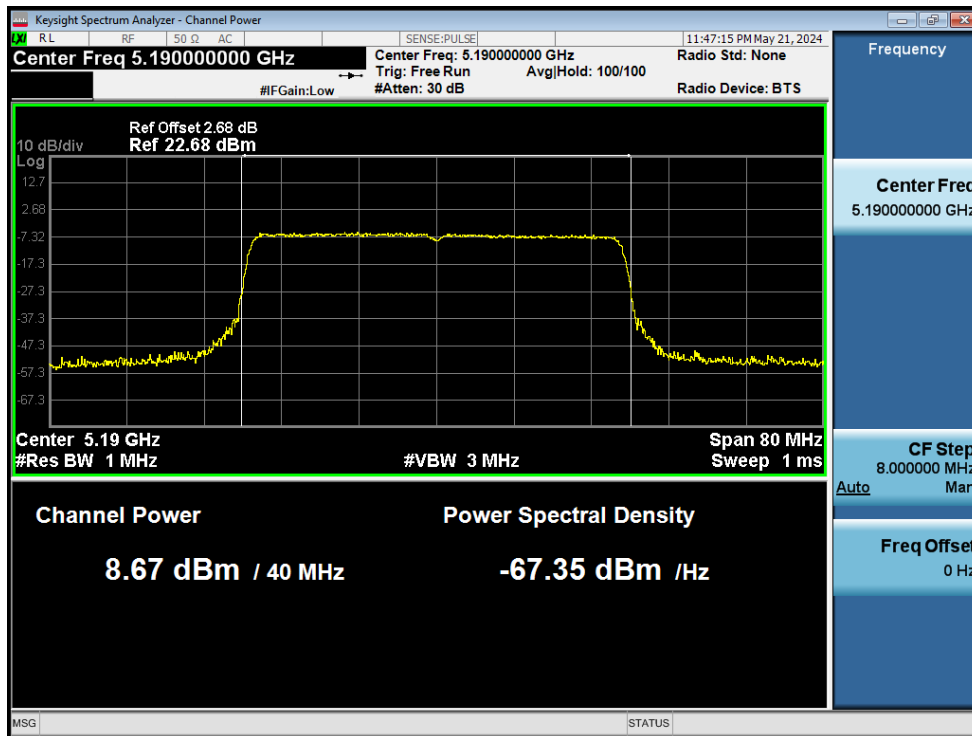
Power NVNT ax20 5180MHz Ant1



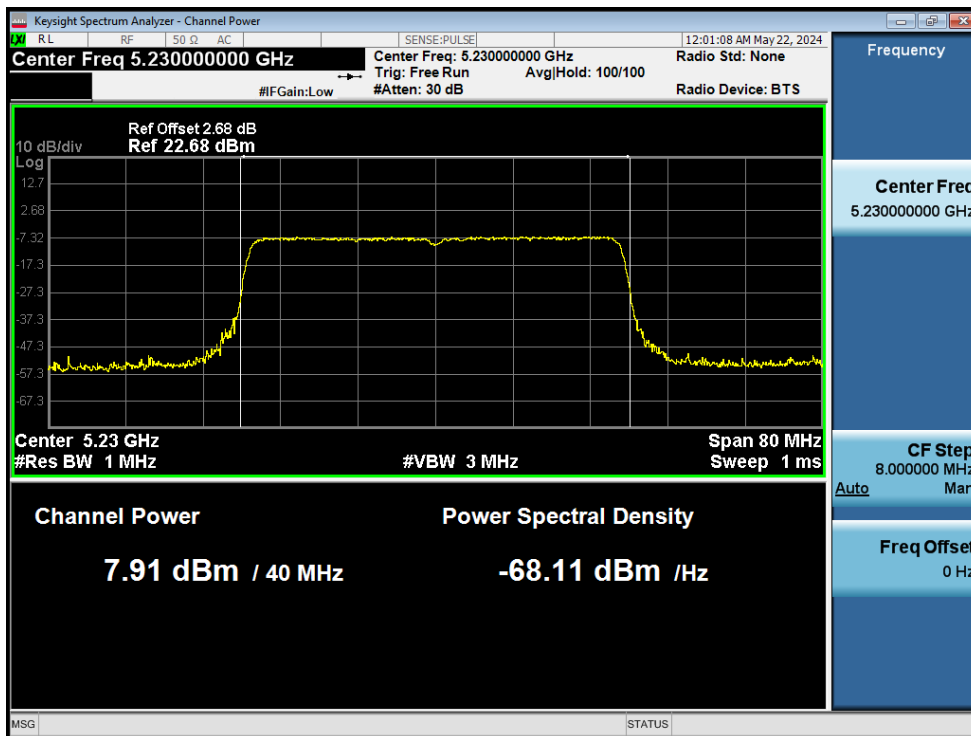
Power NVNT ax20 5200MHz Ant1



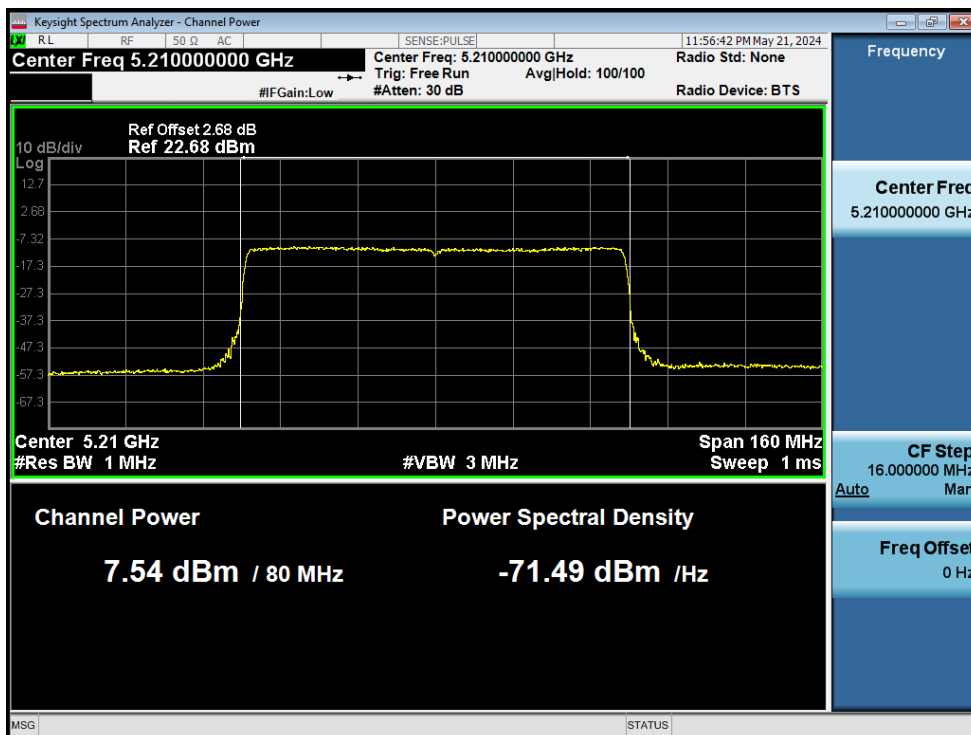
Power NVNT ax20 5240MHz Ant1



Power NVNT ax40 5190MHz Ant1



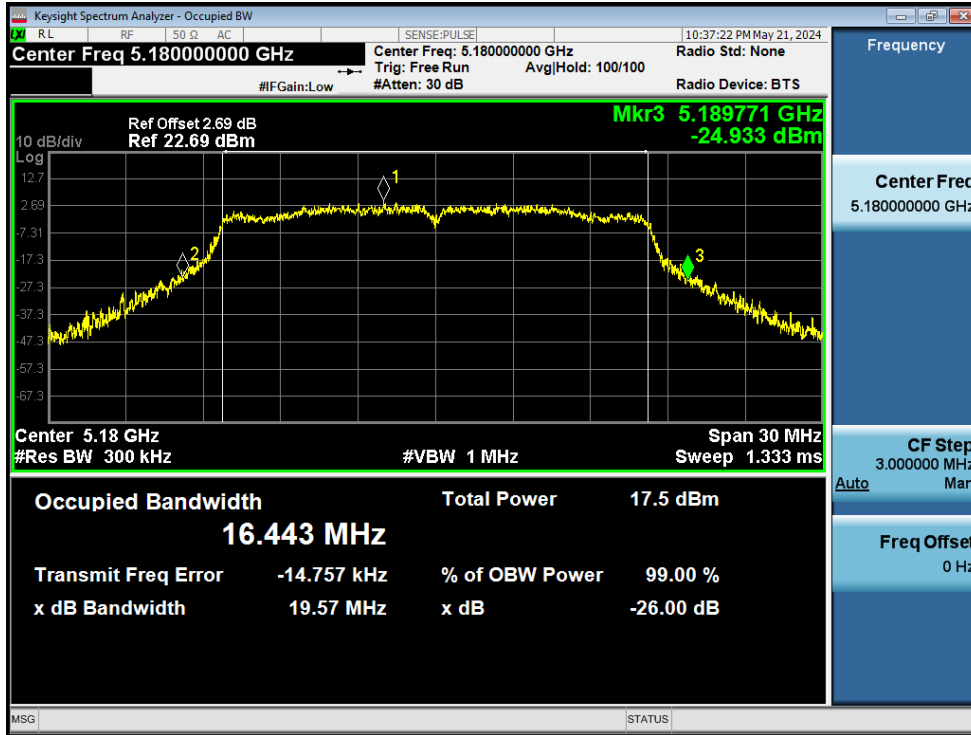
Power NVNT ax40 5230MHz Ant1



Power NVNT ax80 5210MHz Ant1

### 3. -26dB Bandwidth

Condition	Mode	Frequency (MHz)	Antenna	-26 dB Bandwidth (MHz)	Verdict
NVNT	a	5180	Ant1	19.571	Pass
NVNT	a	5200	Ant1	19.638	Pass
NVNT	a	5240	Ant1	19.517	Pass
NVNT	n20	5180	Ant1	20.59	Pass
NVNT	n20	5200	Ant1	20.935	Pass
NVNT	n20	5240	Ant1	20.632	Pass
NVNT	n40	5190	Ant1	39.136	Pass
NVNT	n40	5230	Ant1	39.29	Pass
NVNT	ac20	5180	Ant1	21.347	Pass
NVNT	ac20	5200	Ant1	21.535	Pass
NVNT	ac20	5240	Ant1	20.917	Pass
NVNT	ac40	5190	Ant1	39.676	Pass
NVNT	ac40	5230	Ant1	40.112	Pass
NVNT	ac80	5210	Ant1	80.76	Pass
NVNT	ax20	5180	Ant1	21.657	Pass
NVNT	ax20	5200	Ant1	21.427	Pass
NVNT	ax20	5240	Ant1	22.042	Pass
NVNT	ax40	5190	Ant1	40.89	Pass
NVNT	ax40	5230	Ant1	40.887	Pass
NVNT	ax80	5210	Ant1	81.023	Pass



-26dB Bandwidth NVNT a 5180MHz Ant1

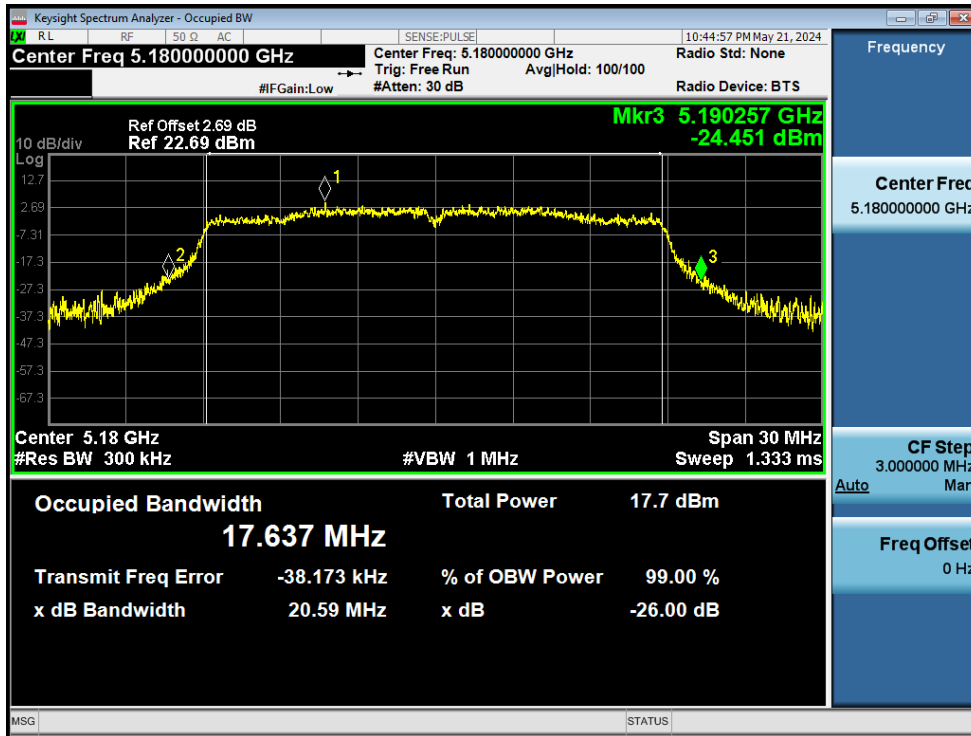


-26dB Bandwidth NVNT a 5200MHz Ant1





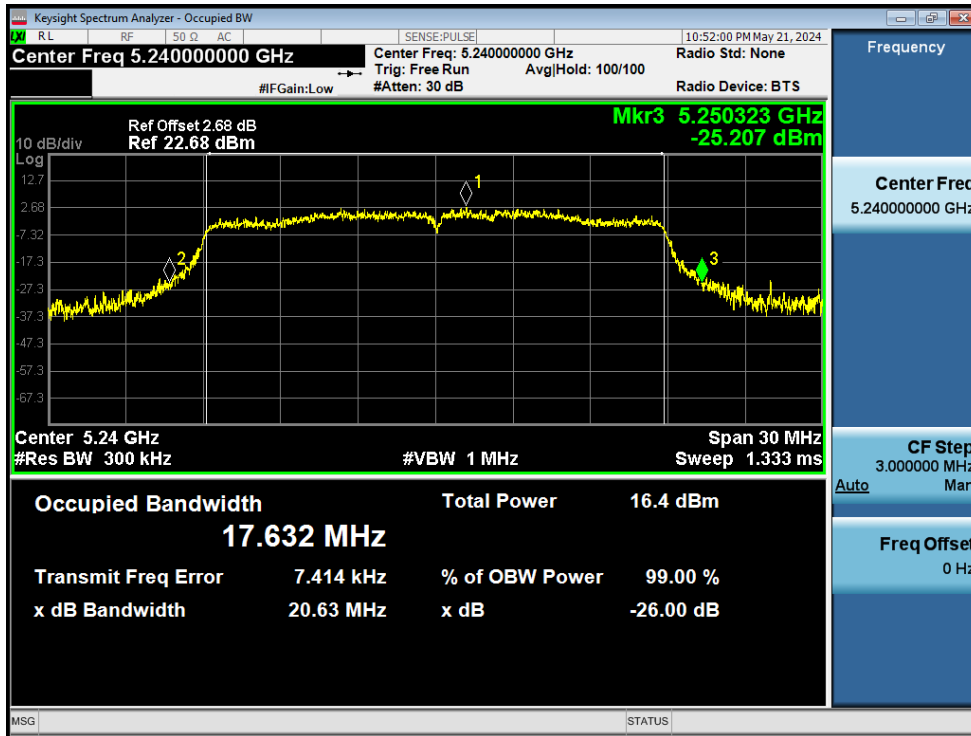
-26dB Bandwidth NVNT a 5240MHz Ant1



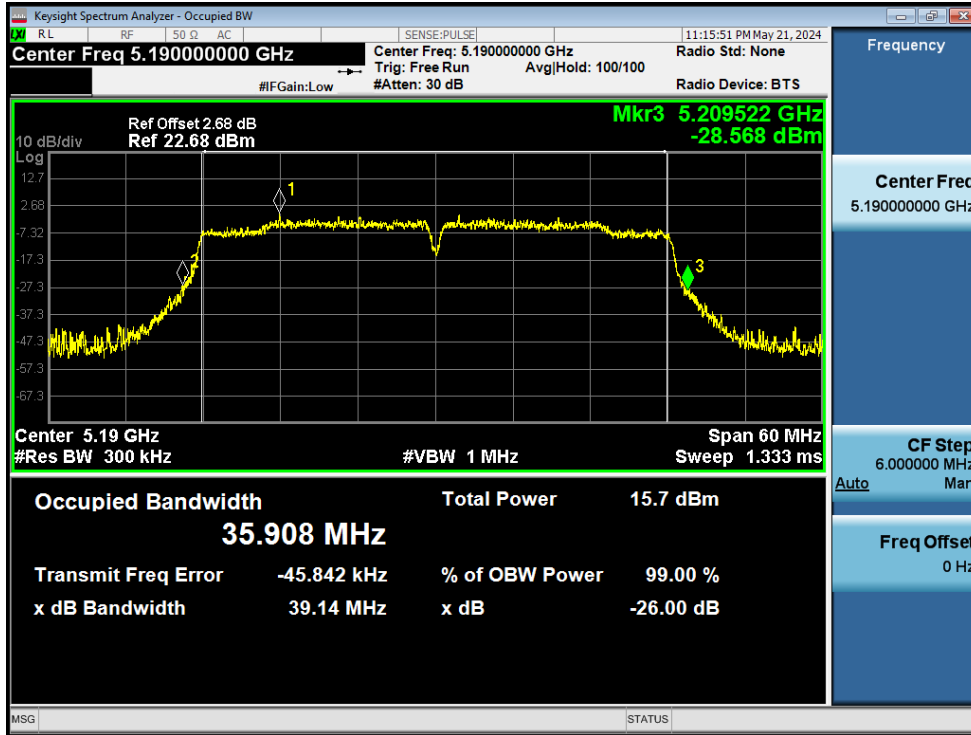
-26dB Bandwidth NVNT n20 5180MHz Ant1



-26dB Bandwidth NVNT n20 5200MHz Ant1



-26dB Bandwidth NVNT n20 5240MHz Ant1



-26dB Bandwidth NVNT n40 5190MHz Ant1



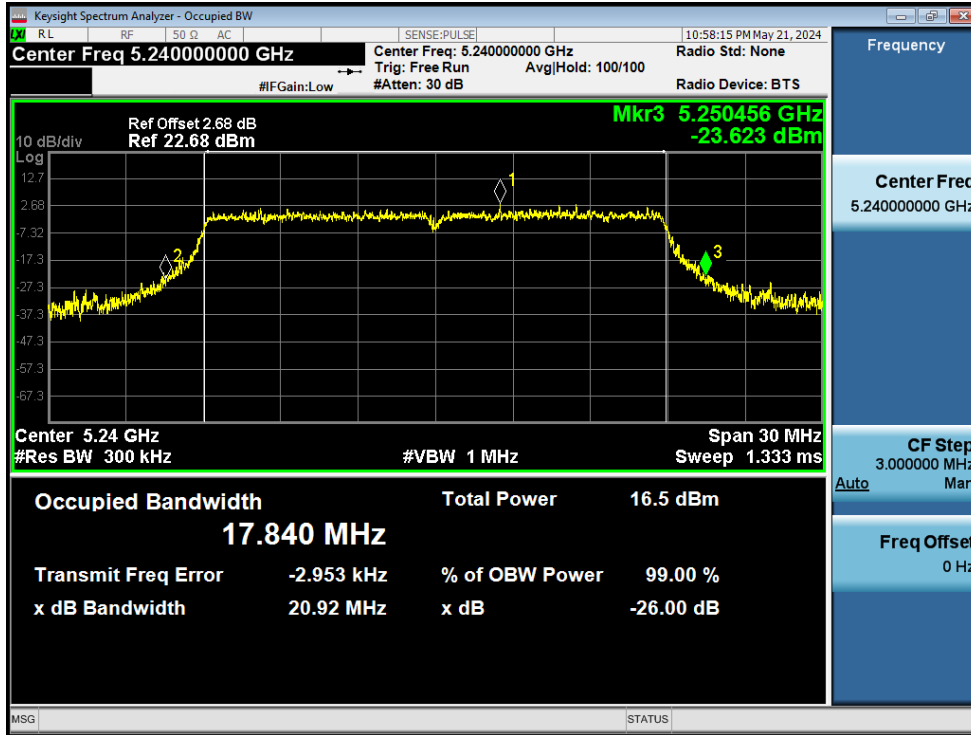
-26dB Bandwidth NVNT n40 5230MHz Ant1



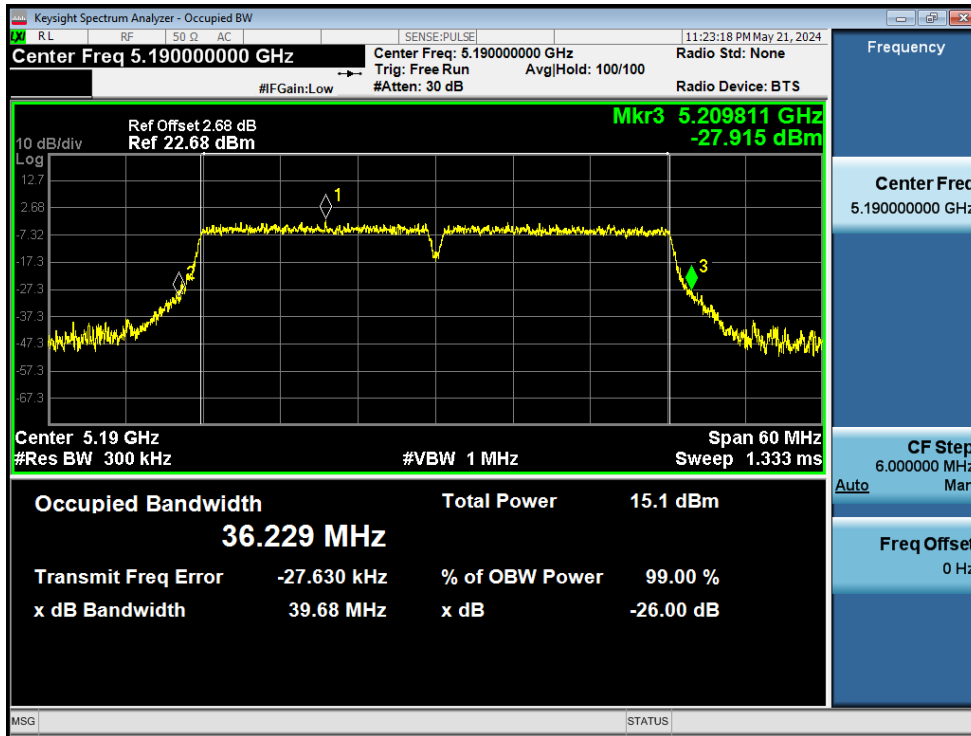
-26dB Bandwidth NVNT ac20 5180MHz Ant1



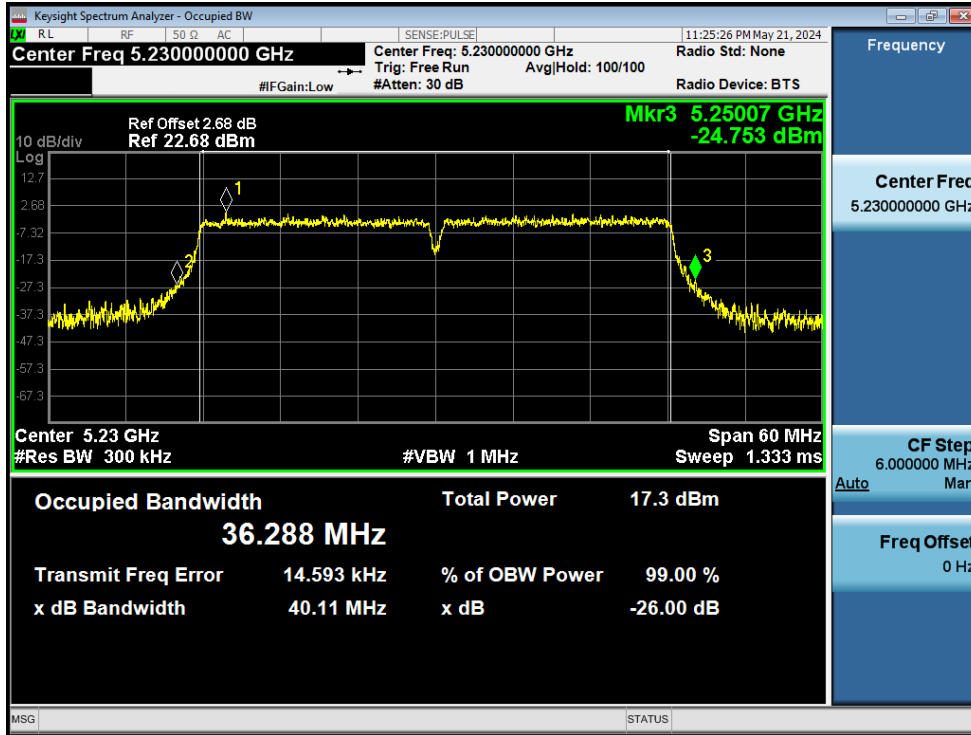
-26dB Bandwidth NVNT ac20 5200MHz Ant1



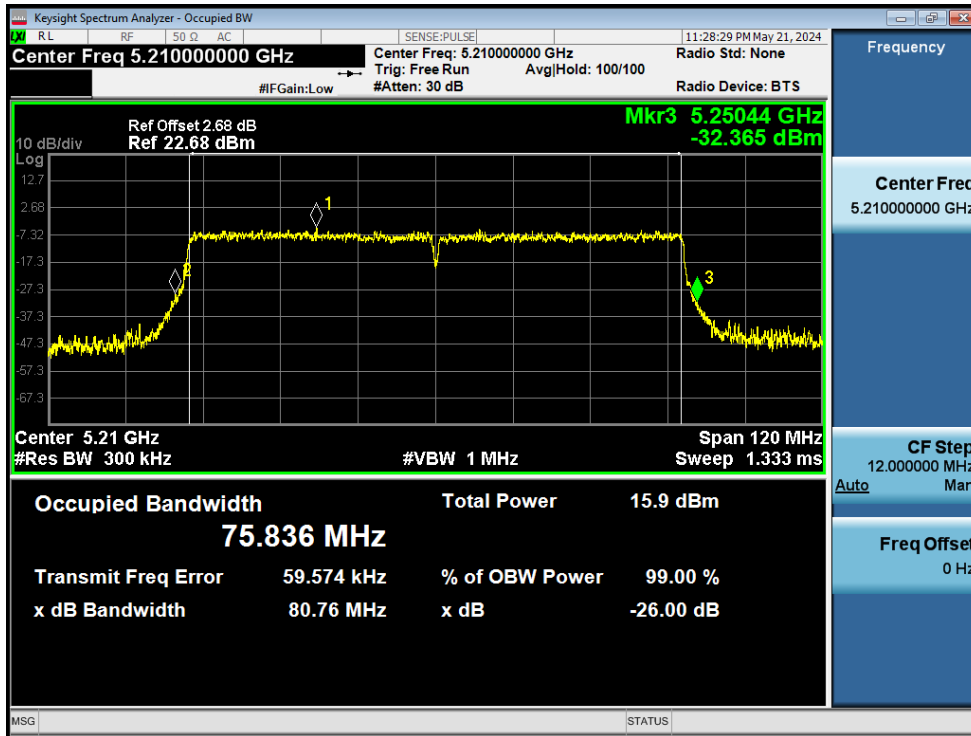
-26dB Bandwidth NVNT ac20 5240MHz Ant1



-26dB Bandwidth NVNT ac40 5190MHz Ant1



-26dB Bandwidth NVNT ac40 5230MHz Ant1



-26dB Bandwidth NVNT ac80 5210MHz Ant1



-26dB Bandwidth NVNT ax20 5180MHz Ant1



-26dB Bandwidth NVNT ax20 5200MHz Ant1



-26dB Bandwidth NVNT ax20 5240MHz Ant1

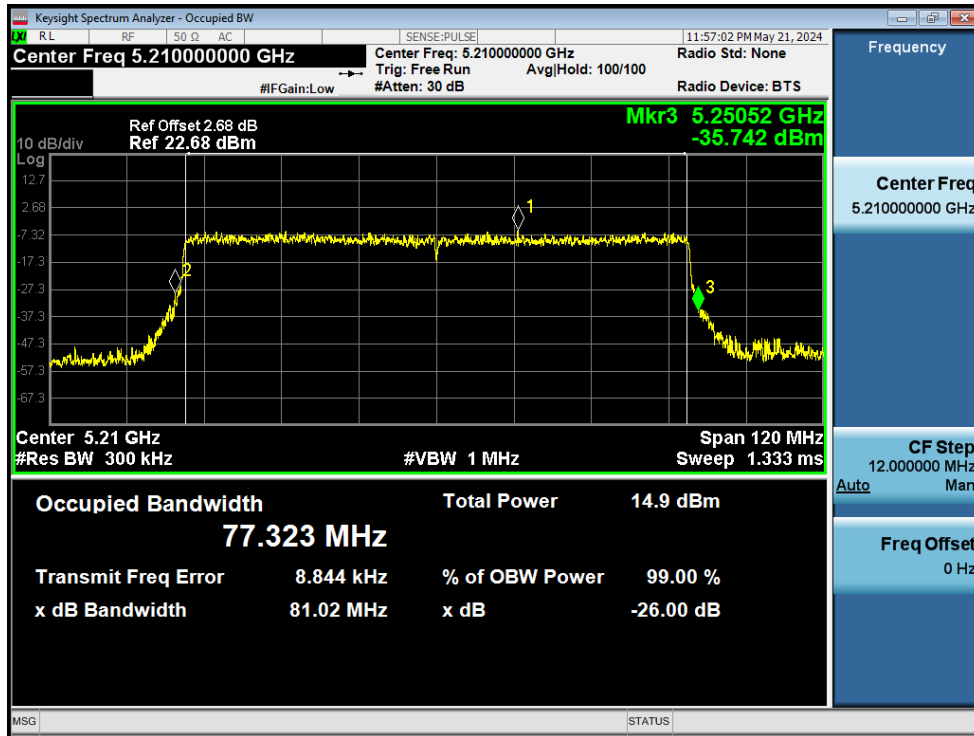


-26dB Bandwidth NVNT ax40 5190MHz Ant1





-26dB Bandwidth NVNT ax40 5230MHz Ant1



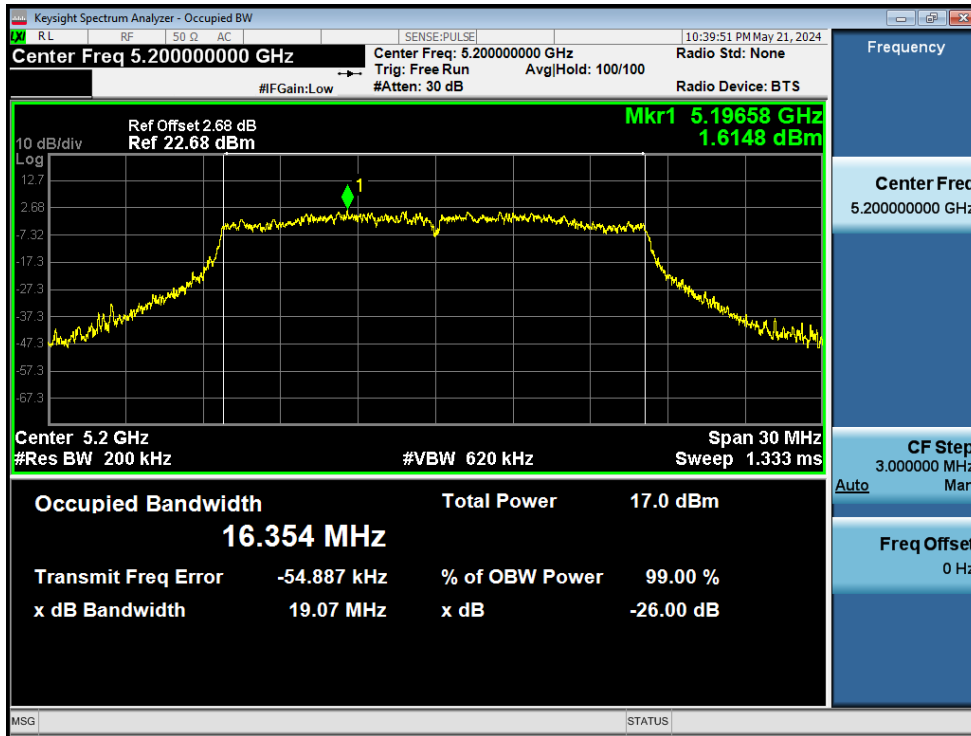
-26dB Bandwidth NVNT ax80 5210MHz Ant1

### 4. Occupied Channel Bandwidth

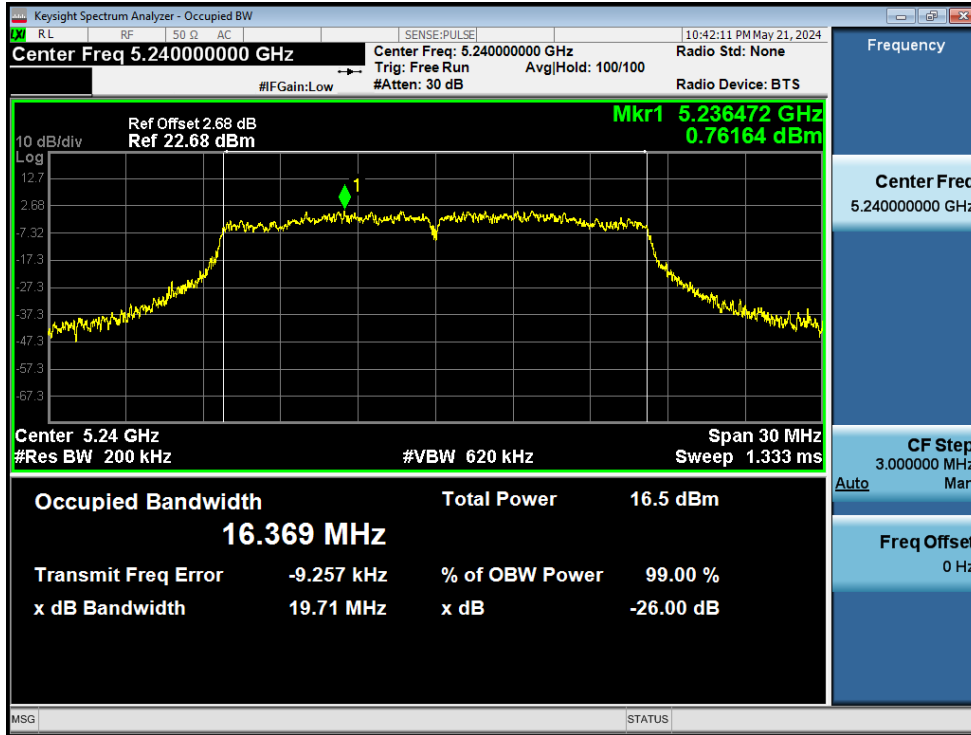
Condition	Mode	Frequency (MHz)	Antenna	99% OBW (MHz)
NVNT	a	5180	Ant1	16.334
NVNT	a	5200	Ant1	16.354
NVNT	a	5240	Ant1	16.369
NVNT	n20	5180	Ant1	17.581
NVNT	n20	5200	Ant1	17.587
NVNT	n20	5240	Ant1	17.567
NVNT	n40	5190	Ant1	35.929
NVNT	n40	5230	Ant1	36.016
NVNT	ac20	5180	Ant1	17.691
NVNT	ac20	5200	Ant1	17.736
NVNT	ac20	5240	Ant1	17.73
NVNT	ac40	5190	Ant1	36.293
NVNT	ac40	5230	Ant1	36.362
NVNT	ac80	5210	Ant1	75.983
NVNT	ax20	5180	Ant1	17.72
NVNT	ax20	5200	Ant1	17.725
NVNT	ax20	5240	Ant1	17.731
NVNT	ax40	5190	Ant1	37.786
NVNT	ax40	5230	Ant1	37.802
NVNT	ax80	5210	Ant1	77.408



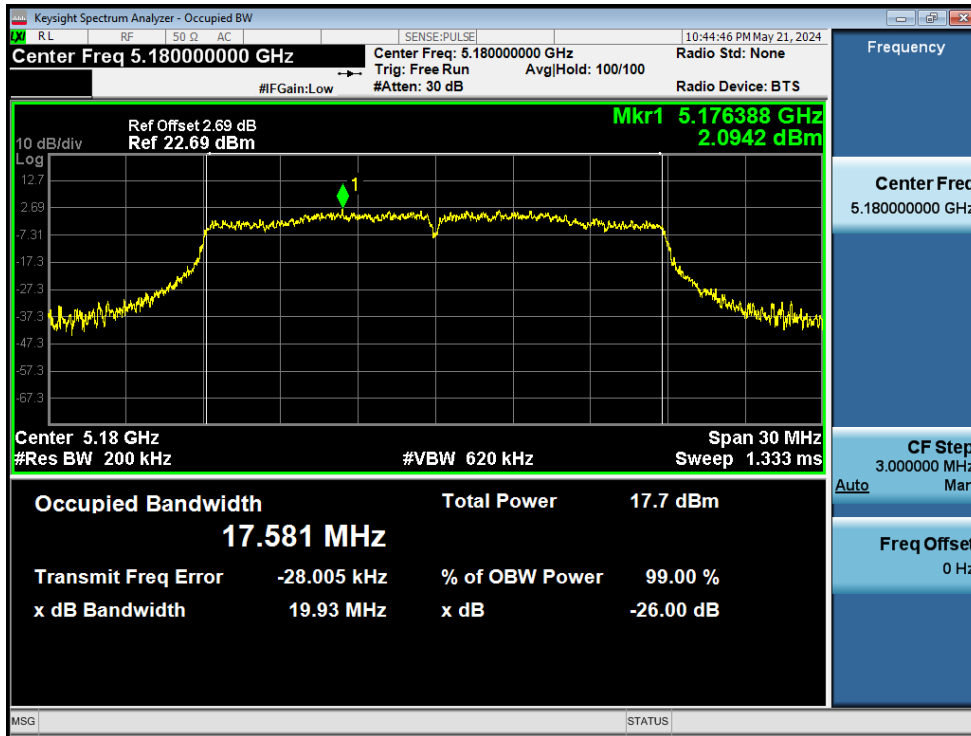
OBW NVNT a 5180MHz Ant1



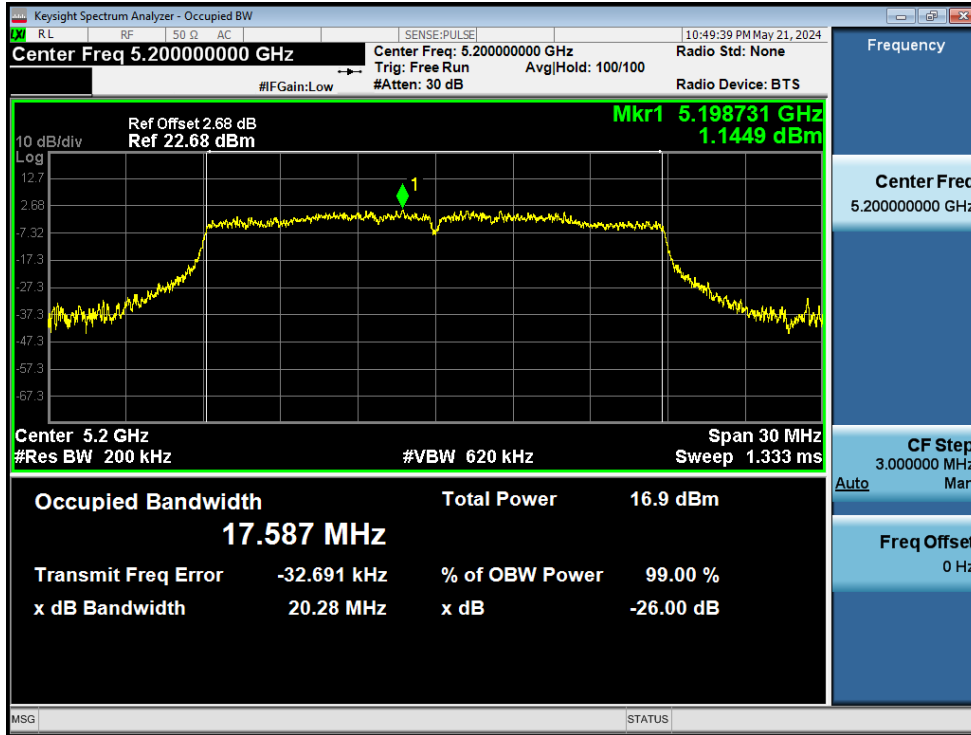
OBW NVNT a 5200MHz Ant1



OBW NVNT a 5240MHz Ant1



OBW NVNT n20 5180MHz Ant1



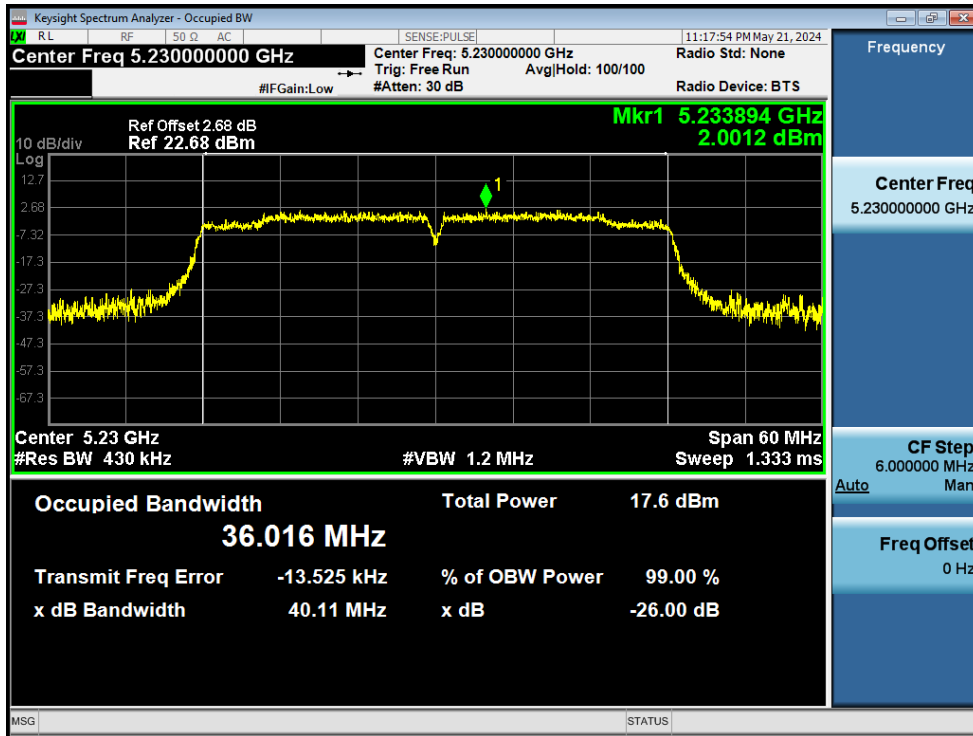
OBW NVNT n20 5200MHz Ant1



OBW NVNT n20 5240MHz Ant1



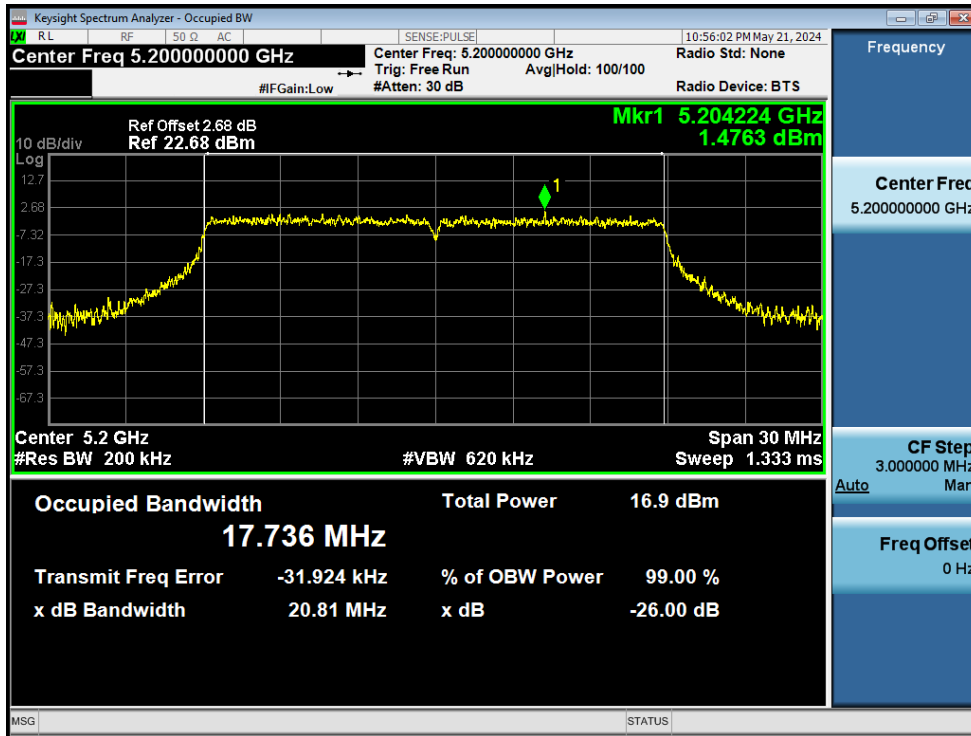
OBW NVNT n40 5190MHz Ant1



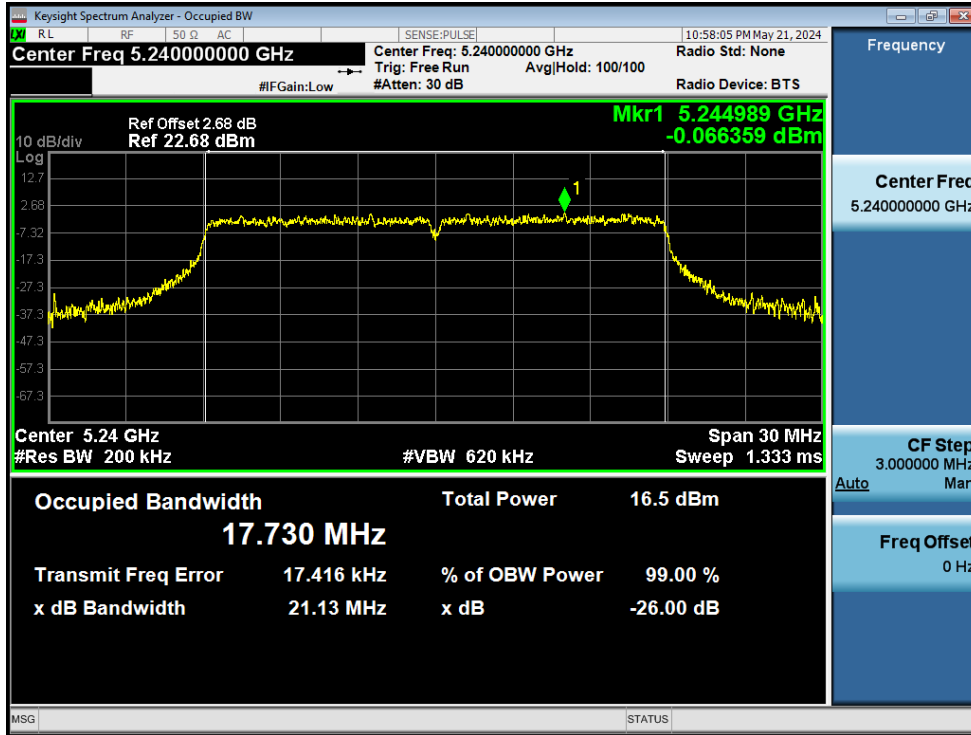
OBW NVNT n40 5230MHz Ant1



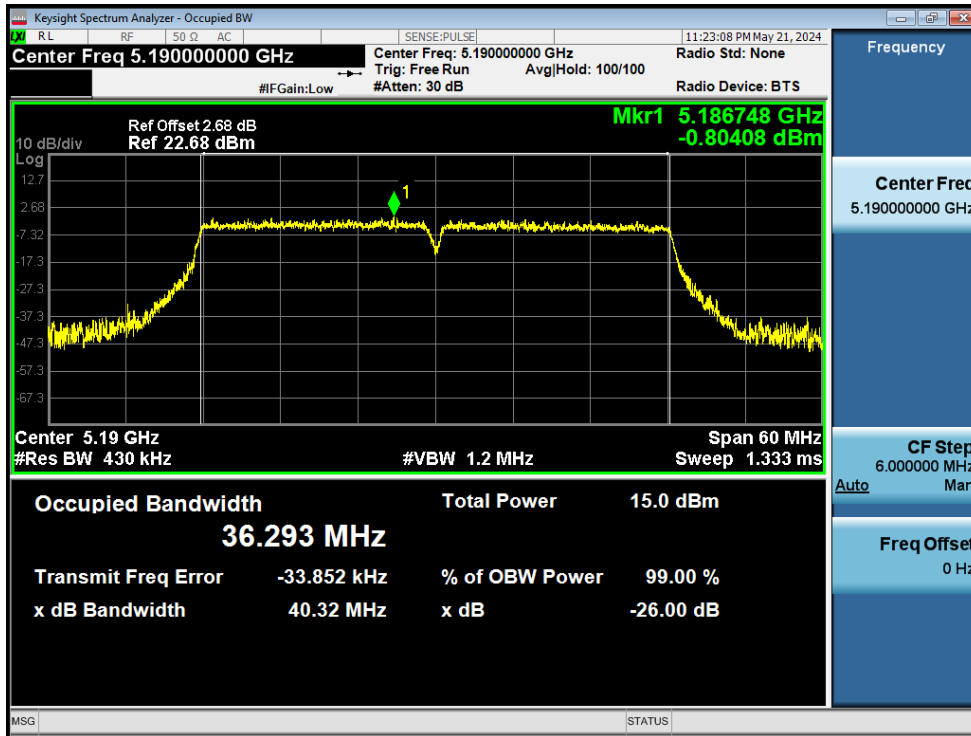
OBW NVNT ac20 5180MHz Ant1



OBW NVNT ac20 5200MHz Ant1

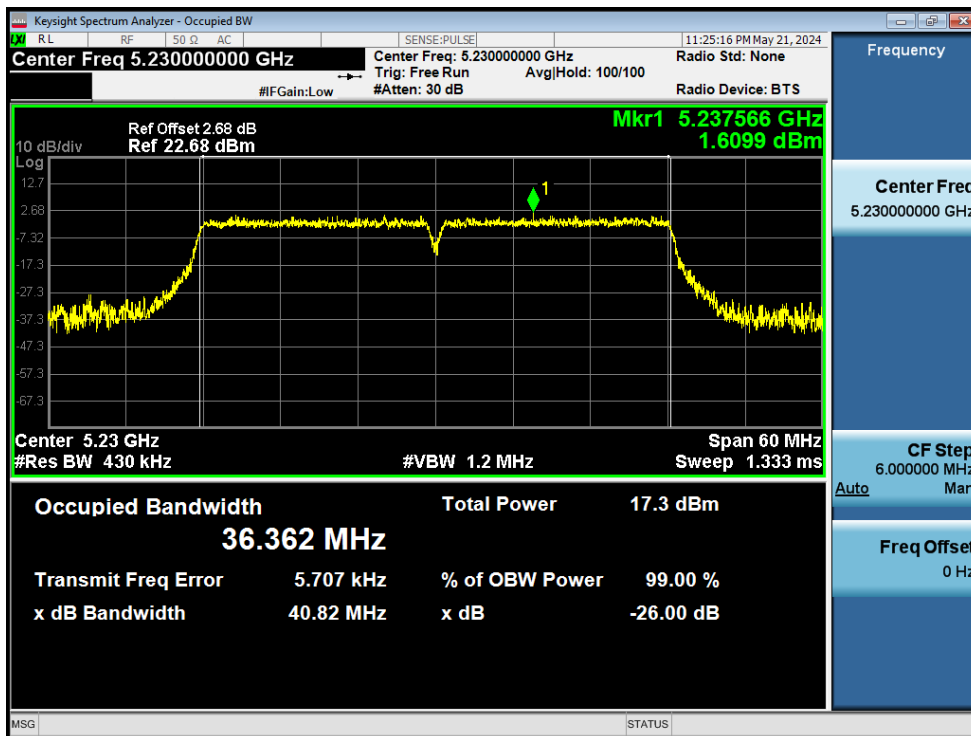


OBW NVNT ac20 5240MHz Ant1

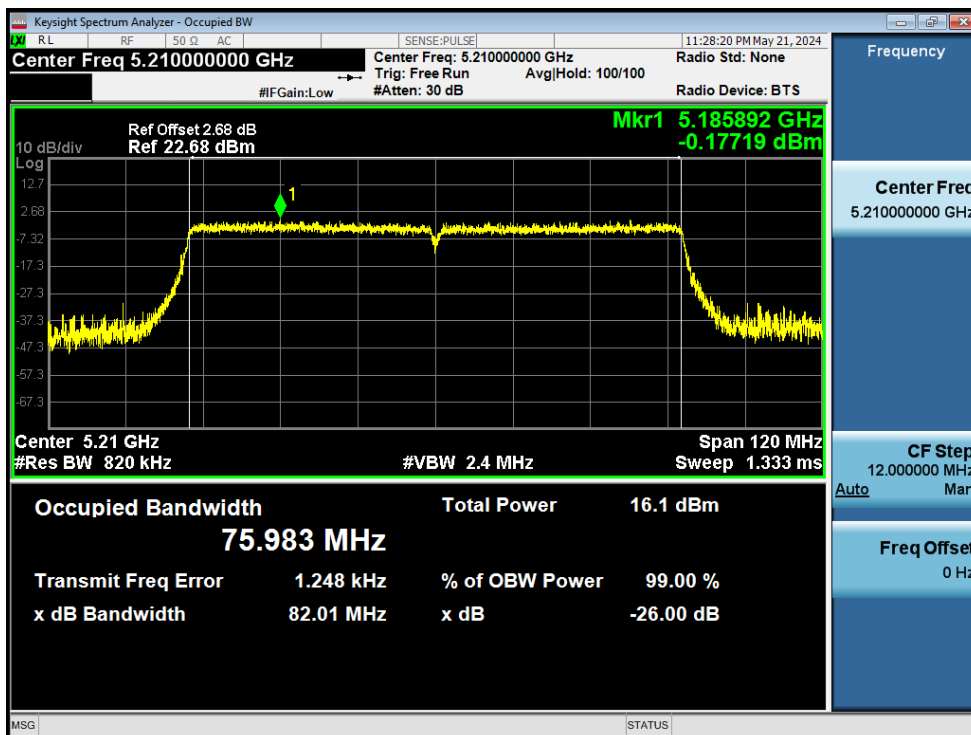


OBW NVNT ac40 5190MHz Ant1

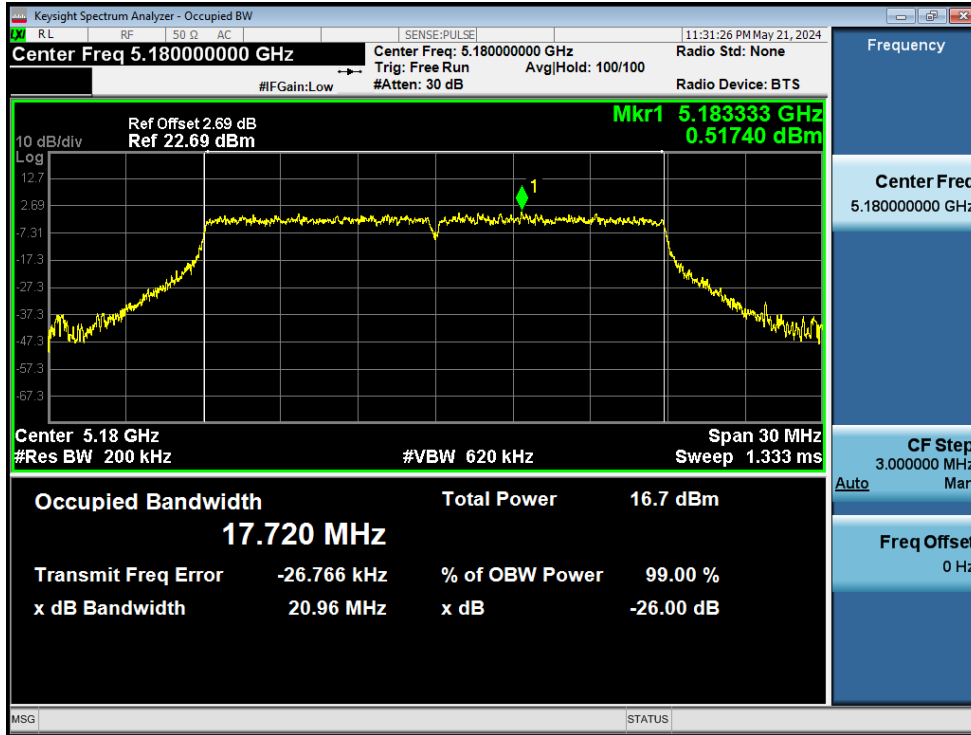




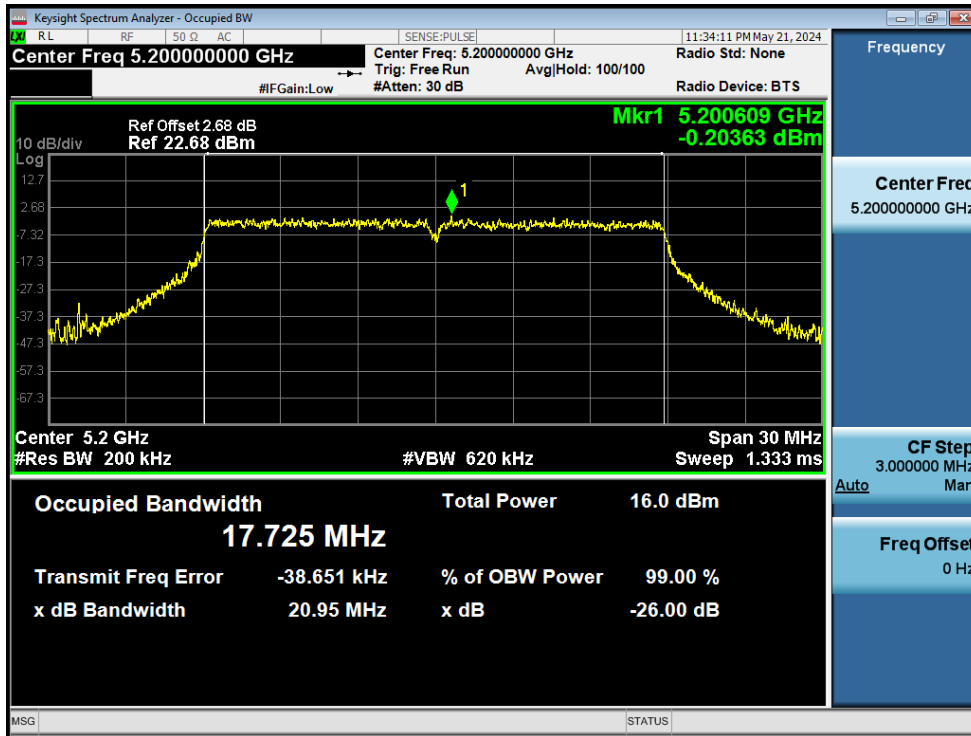
OBW NVNT ac40 5230MHz Ant1



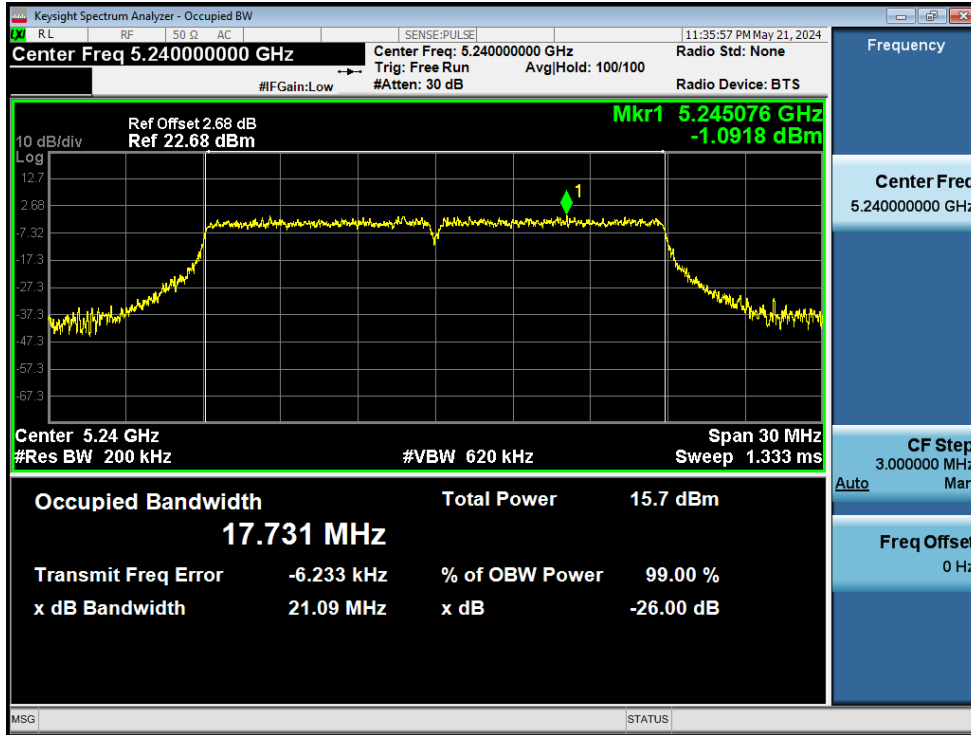
OBW NVNT ac80 5210MHz Ant1



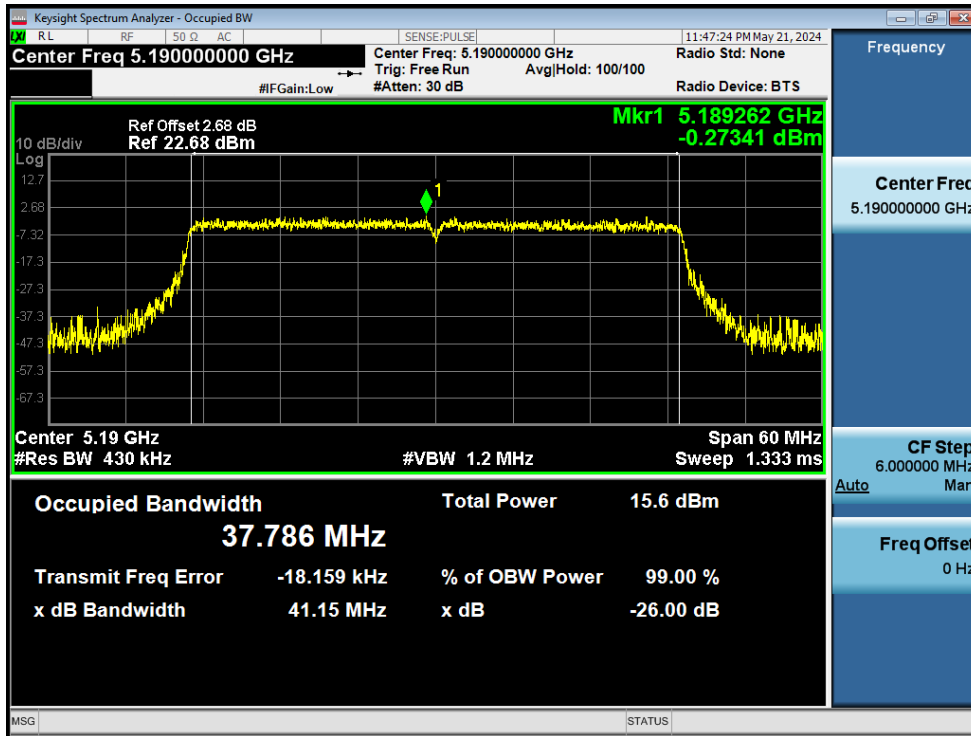
OBW NVNT ax20 5180MHz Ant1



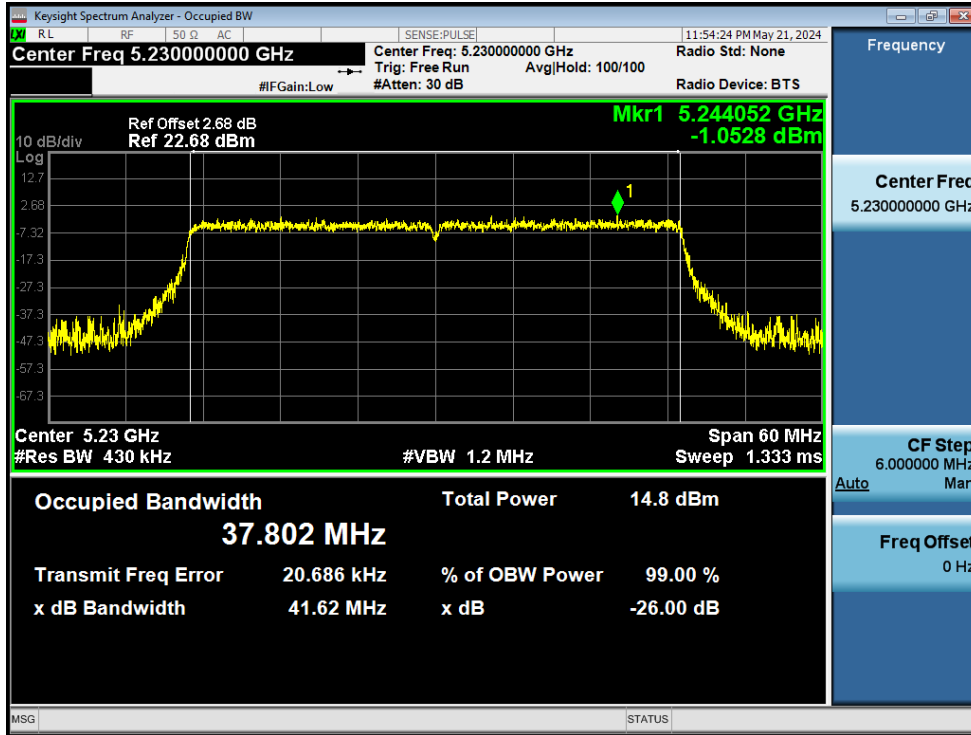
OBW NVNT ax20 5200MHz Ant1



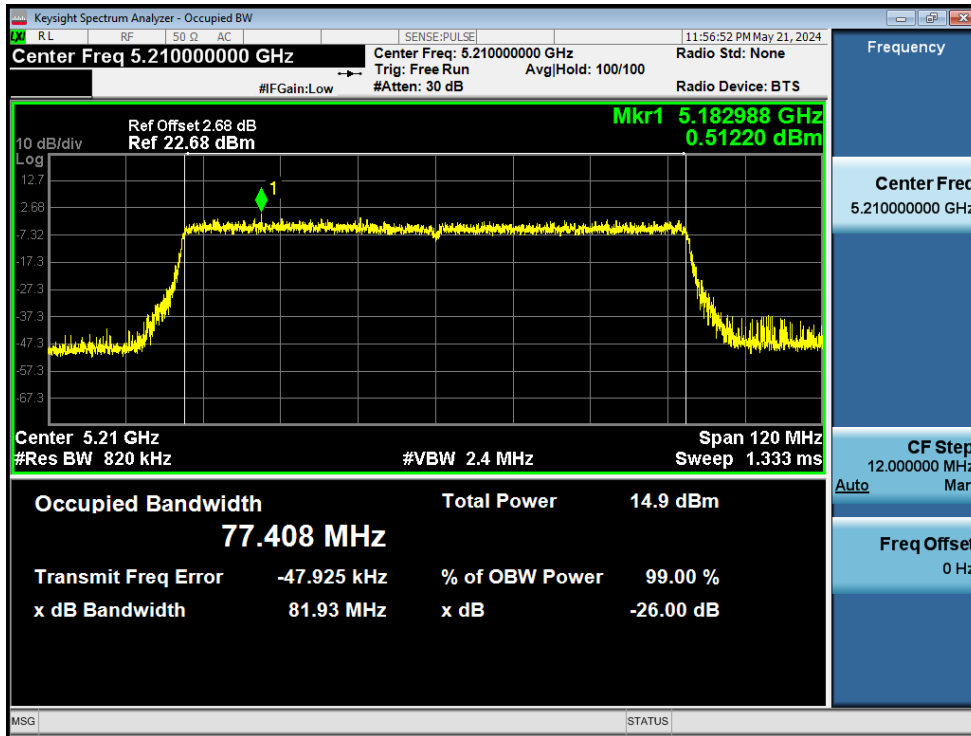
OBW NVNT ax20 5240MHz Ant1



OBW NVNT ax40 5190MHz Ant1



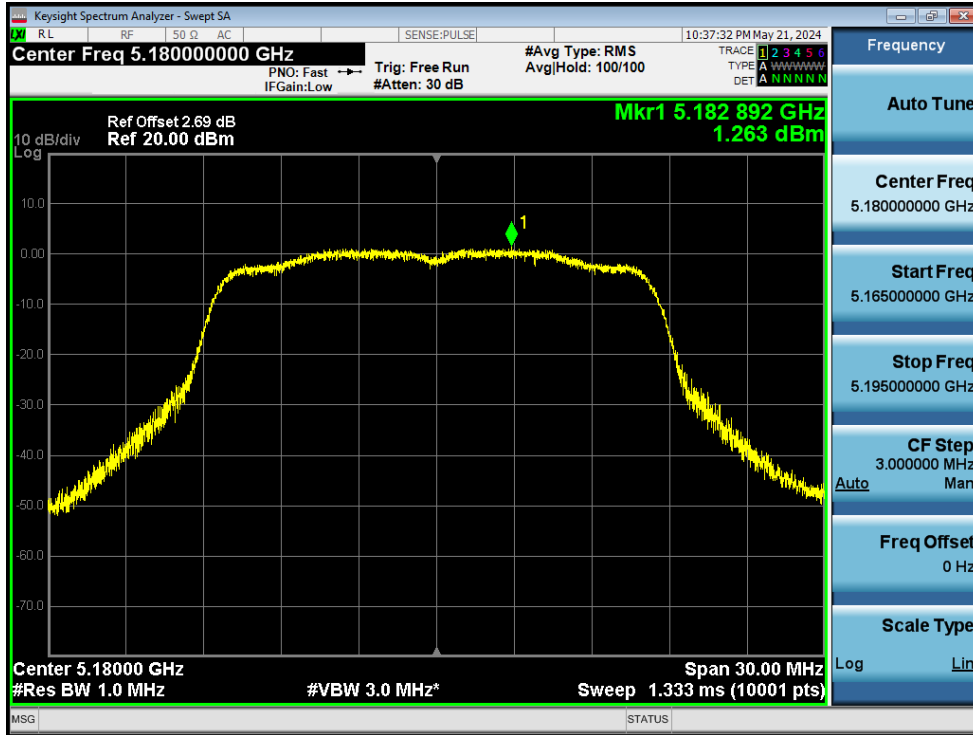
OBW NVNT ax40 5230MHz Ant1



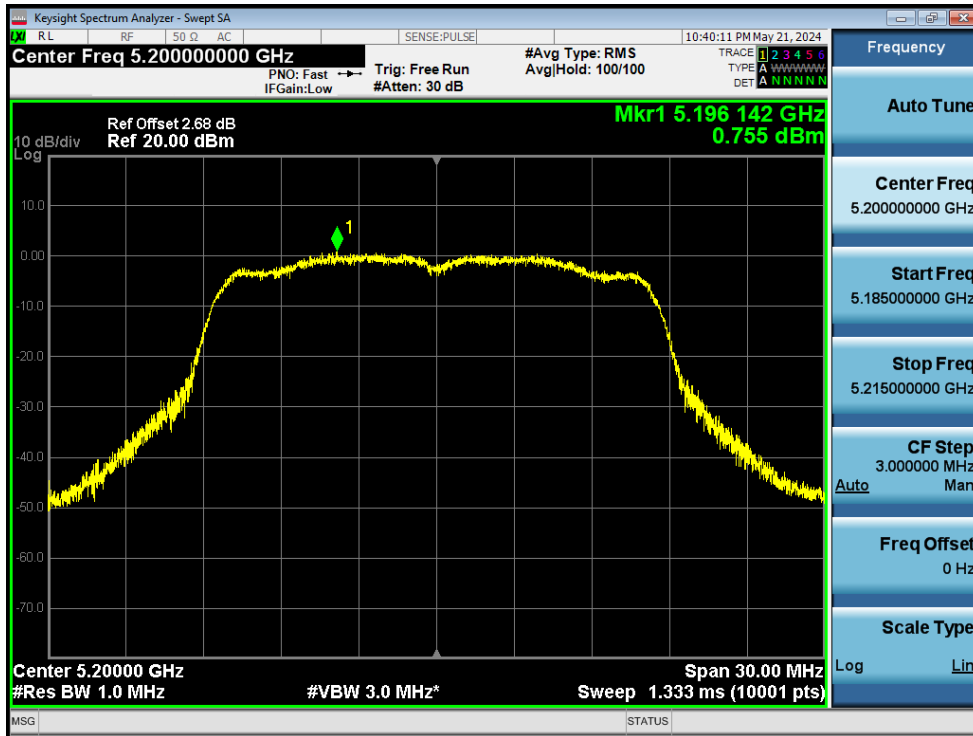
OBW NVNT ax80 5210MHz Ant1

## 5. Maximum Power Spectral Density Level

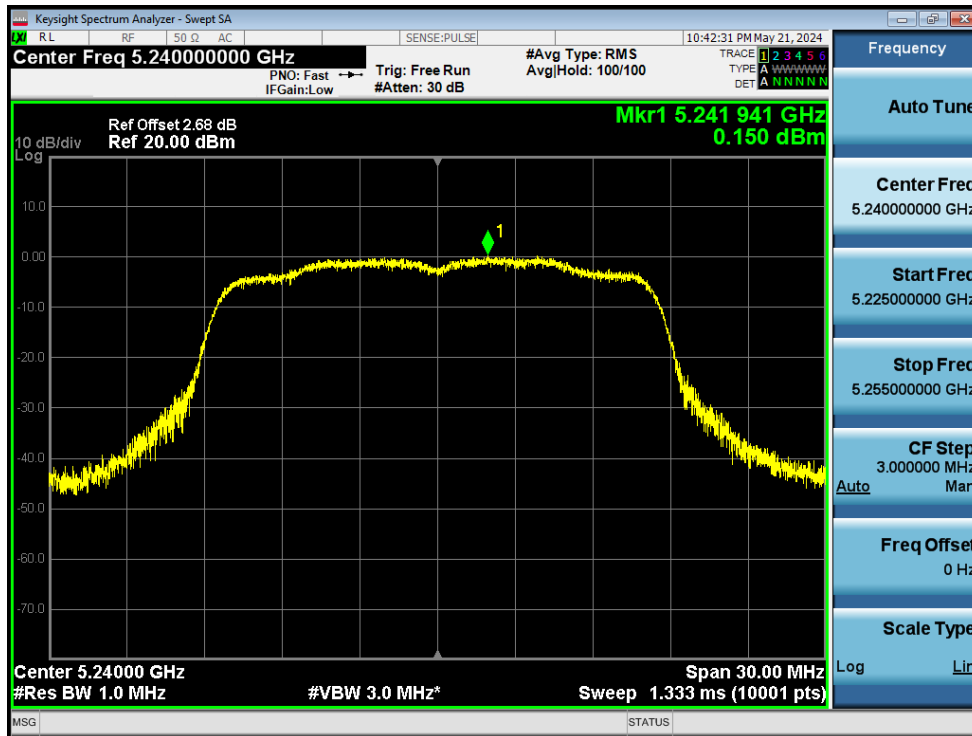
Condition	Mode	Frequency (MHz)	Antenna	Conducted PSD (dBm)	Duty Factor (dB)	Total PSD (dBm)	Limit (dBm)	Verdict
NVNT	a	5180	Ant1	1.26	0.56	1.82	11	Pass
NVNT	a	5200	Ant1	0.76	0.58	1.34	11	Pass
NVNT	a	5240	Ant1	0.15	0.58	0.73	11	Pass
NVNT	n20	5180	Ant1	1.73	0	1.73	11	Pass
NVNT	n20	5200	Ant1	0.93	0	0.93	11	Pass
NVNT	n20	5240	Ant1	0.54	0	0.54	11	Pass
NVNT	n40	5190	Ant1	-3.74	0.11	-3.63	11	Pass
NVNT	n40	5230	Ant1	-1.68	0.11	-1.57	11	Pass
NVNT	ac20	5180	Ant1	0.81	0	0.81	11	Pass
NVNT	ac20	5200	Ant1	0.02	0	0.02	11	Pass
NVNT	ac20	5240	Ant1	-2.51	0	-2.51	11	Pass
NVNT	ac40	5190	Ant1	-4.81	0.11	-4.7	11	Pass
NVNT	ac40	5230	Ant1	-2.72	0.11	-2.61	11	Pass
NVNT	ac80	5210	Ant1	-7.59	0.23	-7.36	11	Pass
NVNT	ax20	5180	Ant1	-2.58	0	-2.58	11	Pass
NVNT	ax20	5200	Ant1	-2.87	0	-2.87	11	Pass
NVNT	ax20	5240	Ant1	-2.95	0	-2.95	11	Pass
NVNT	ax40	5190	Ant1	-8.15	0.17	-7.98	11	Pass
NVNT	ax40	5230	Ant1	-8.86	0.17	-8.69	11	Pass
NVNT	ax80	5210	Ant1	-12.01	0.33	-11.68	11	Pass



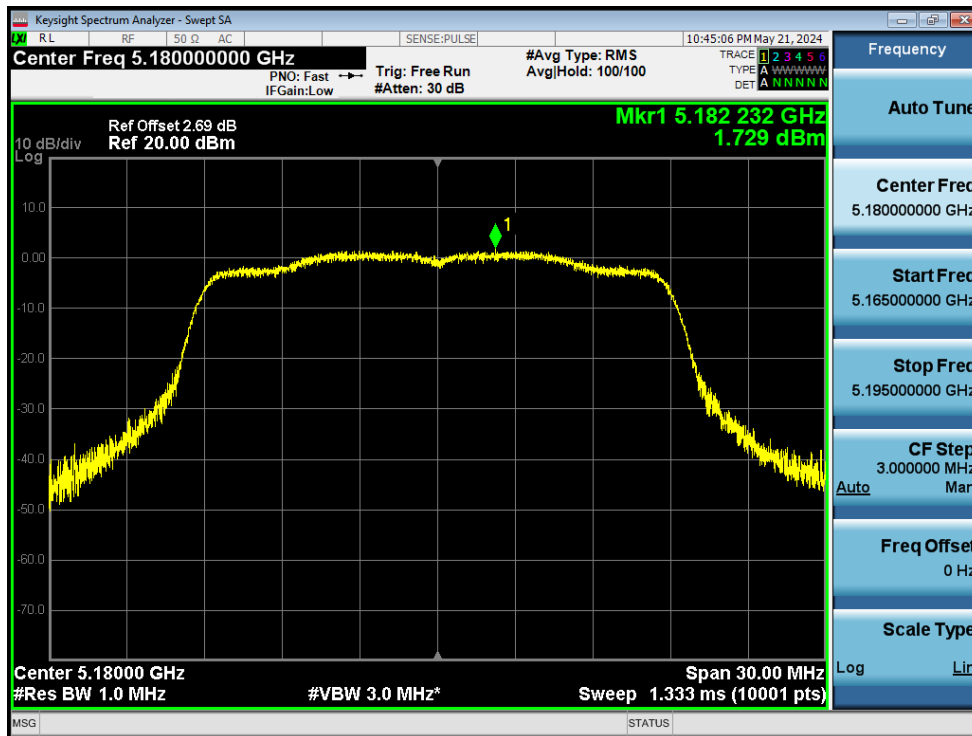
PSD NVNT a 5180MHz Ant1



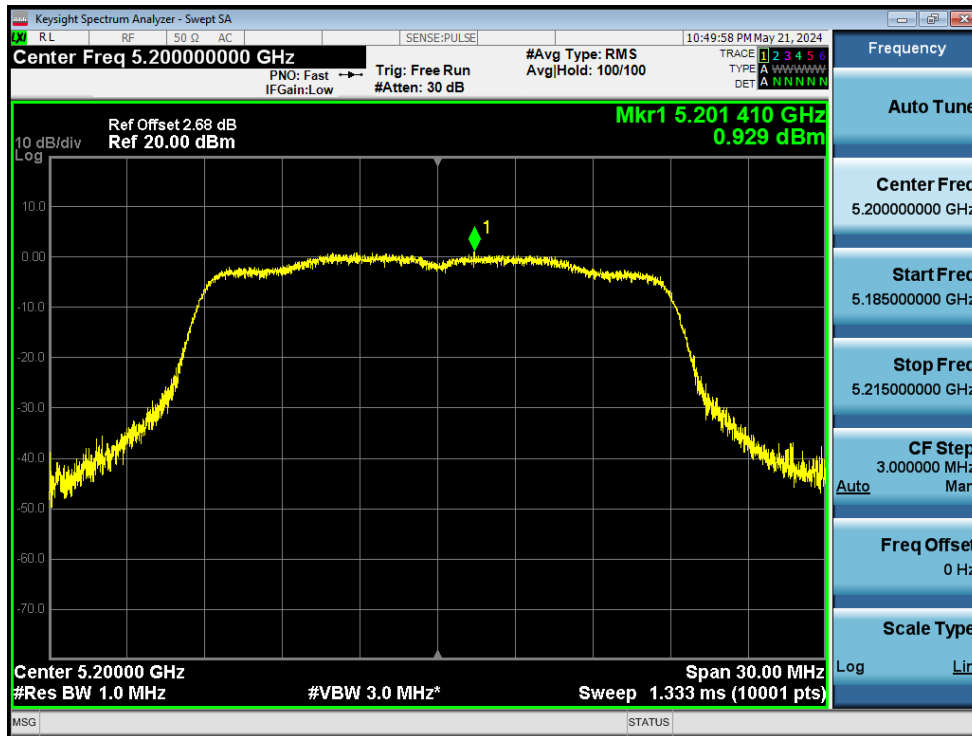
PSD NVNT a 5200MHz Ant1



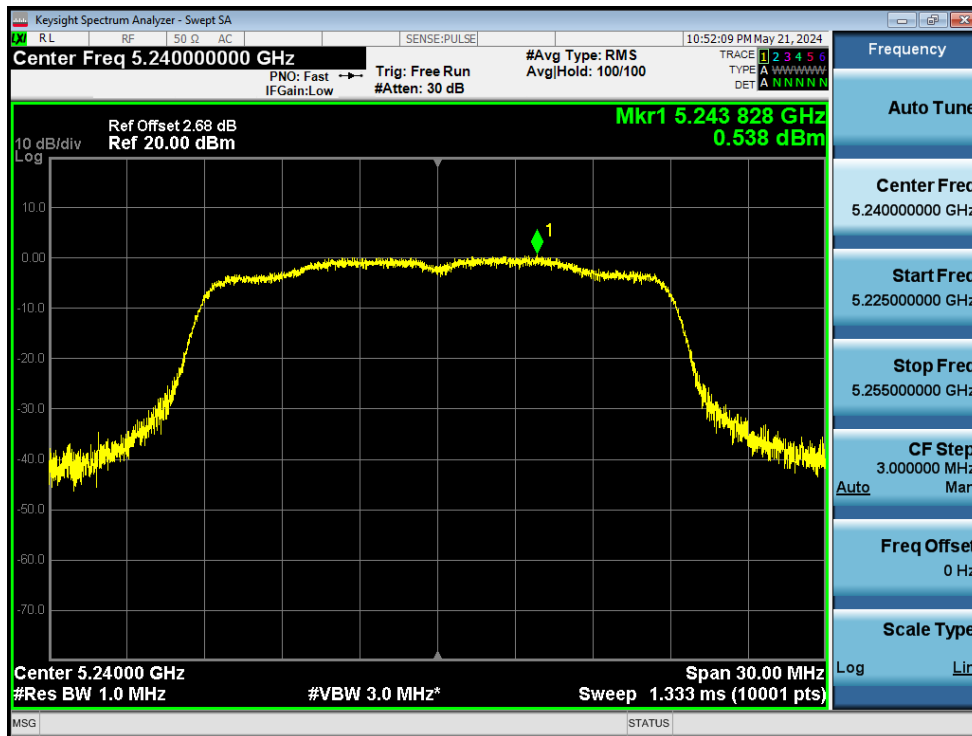
PSD NVNT a 5240MHz Ant1



PSD NVNT n20 5180MHz Ant1

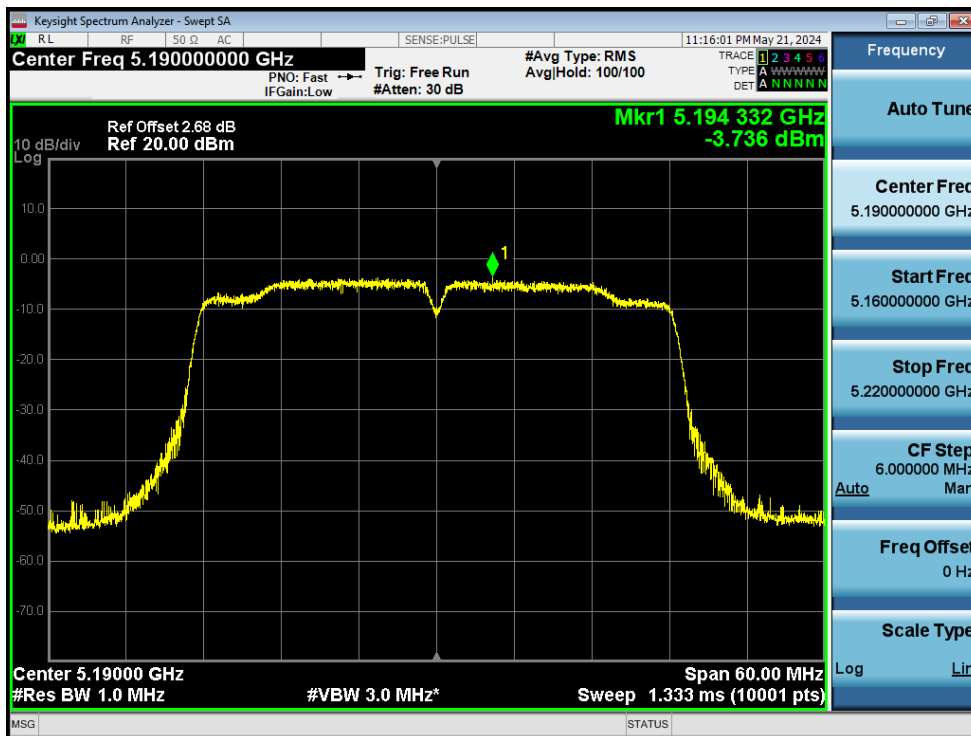


PSD NVNT n20 5200MHz Ant1

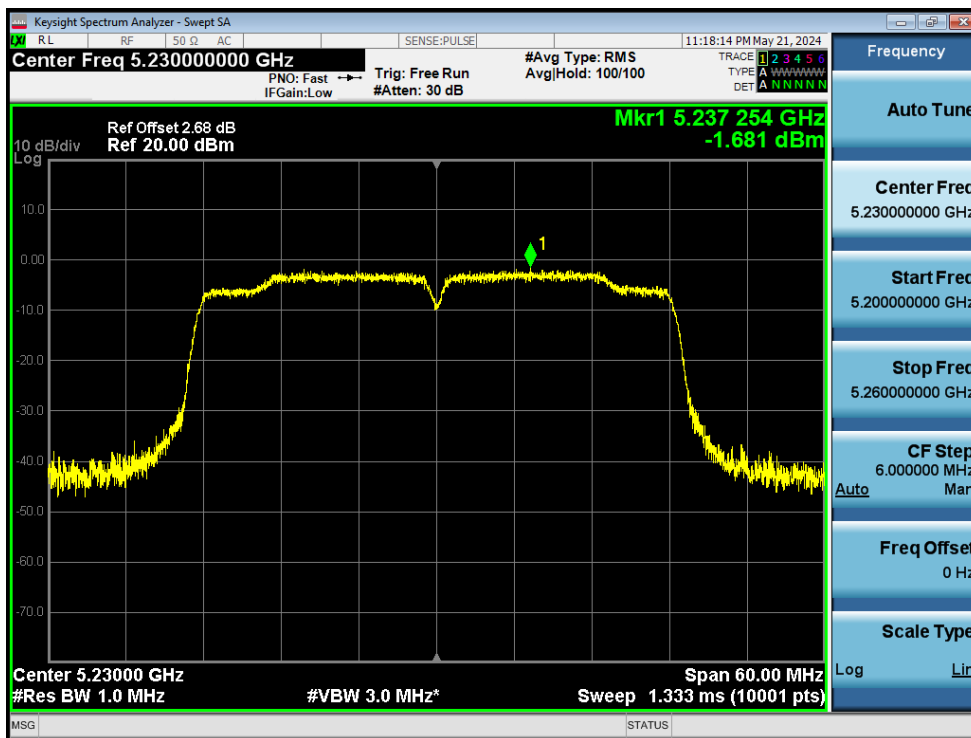


PSD NVNT n20 5240MHz Ant1

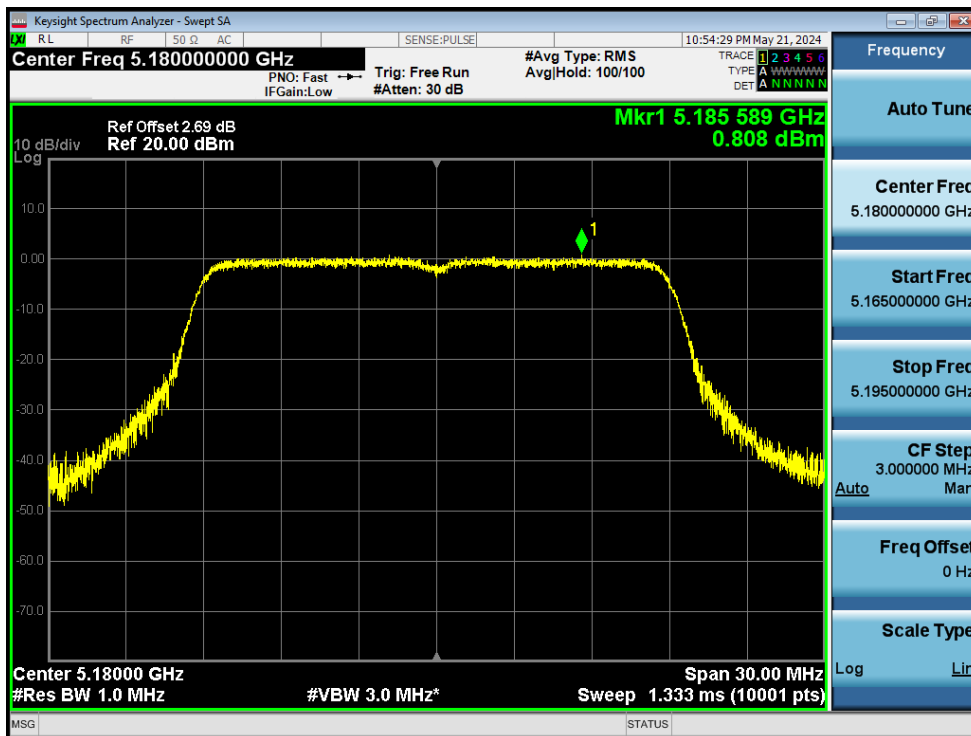




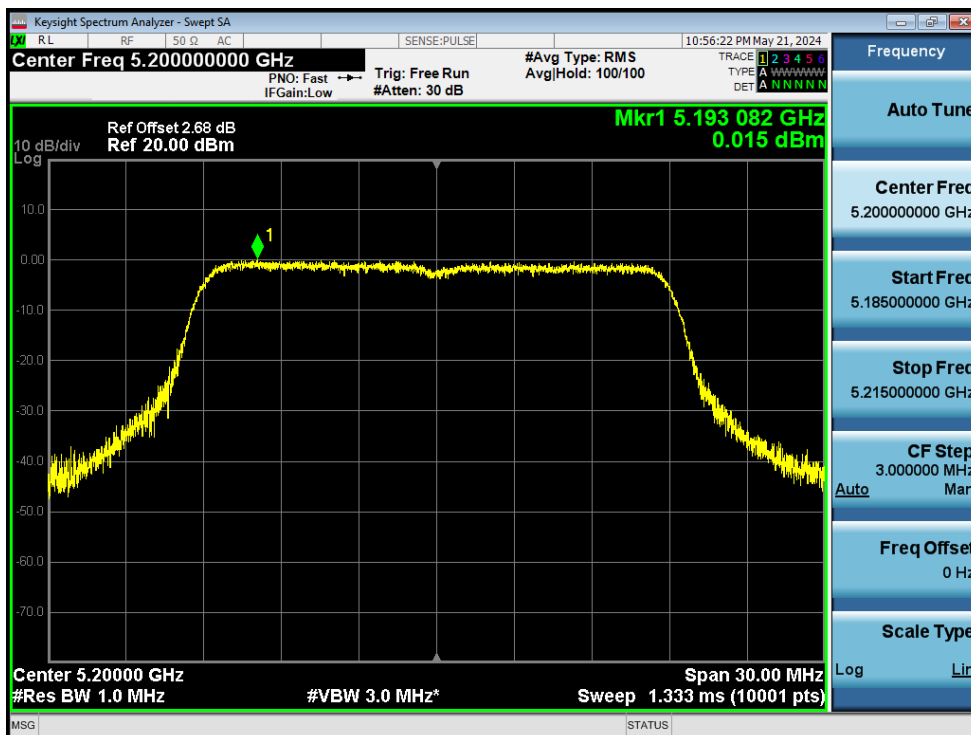
PSD NVNT n40 5190MHz Ant1



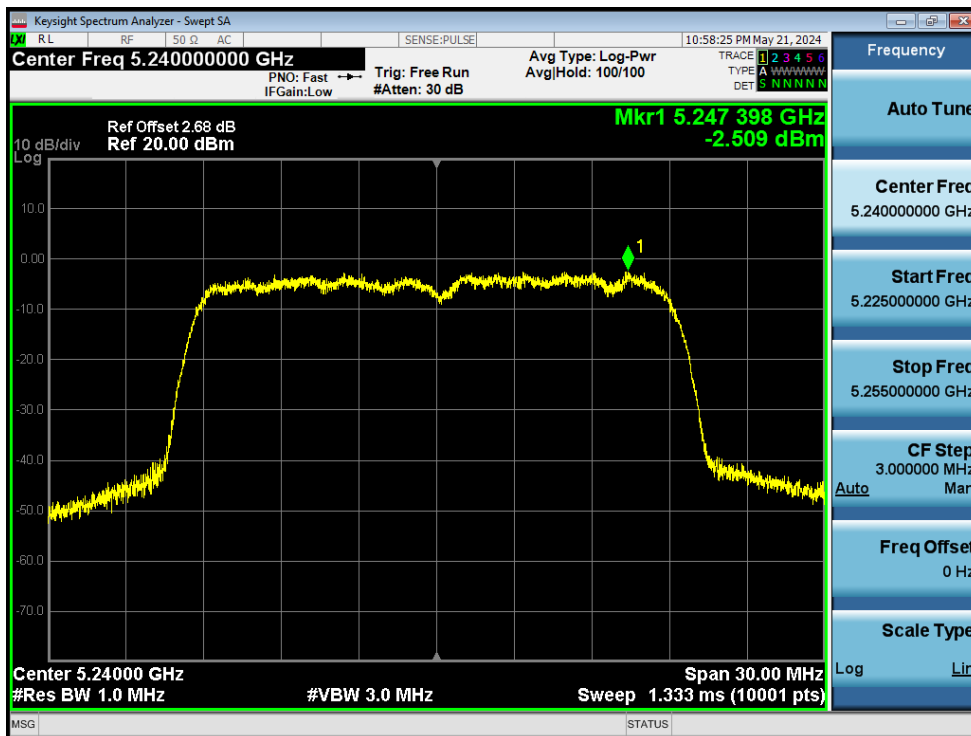
PSD NVNT n40 5230MHz Ant1



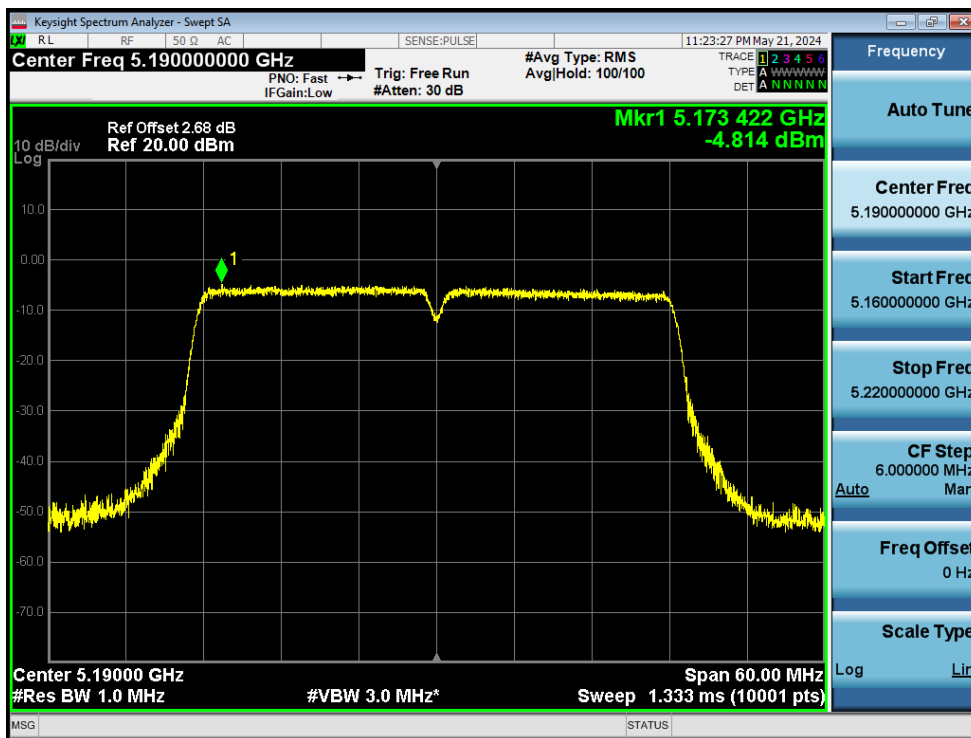
PSD NVNT ac20 5180MHz Ant1



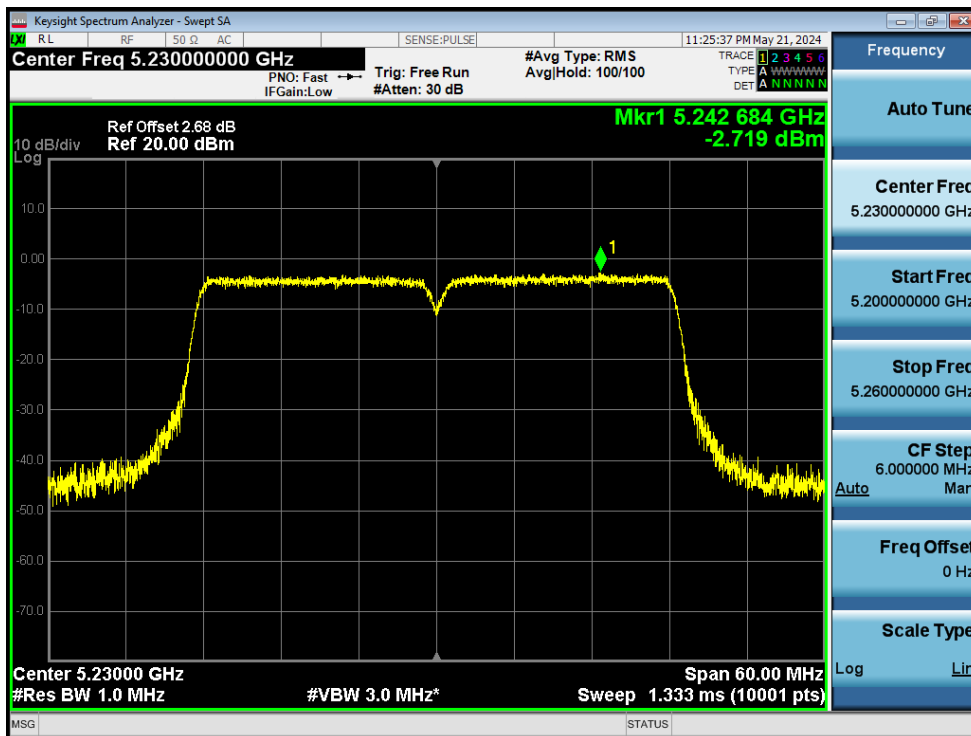
PSD NVNT ac20 5200MHz Ant1



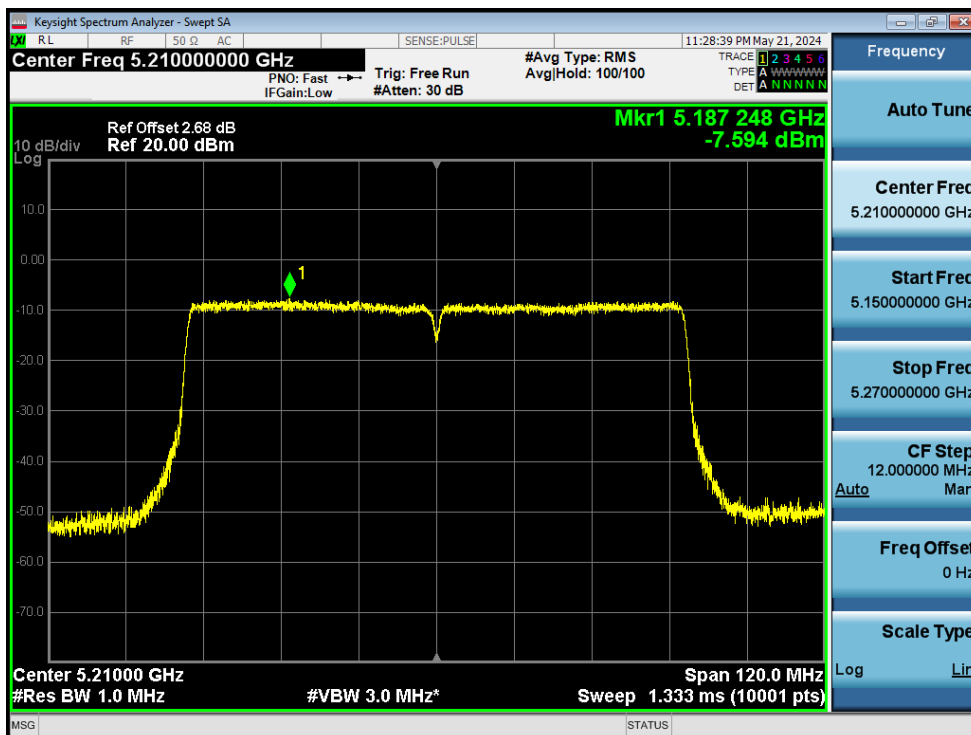
PSD NVNT ac20 5240MHz Ant1



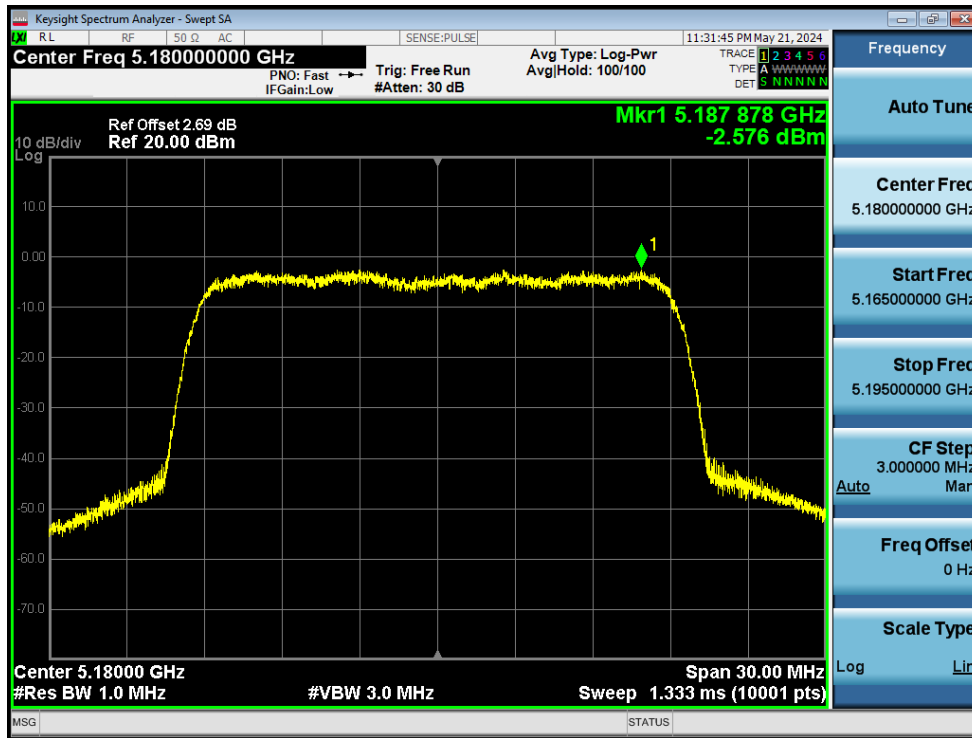
PSD NVNT ac40 5190MHz Ant1



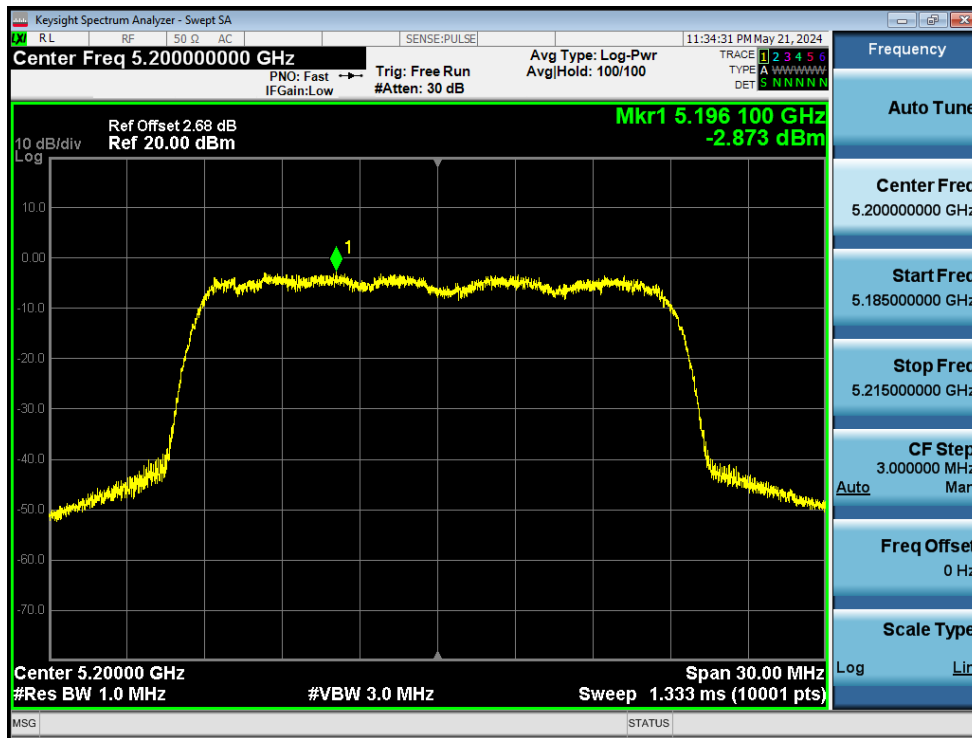
PSD NVNT ac40 5230MHz Ant1



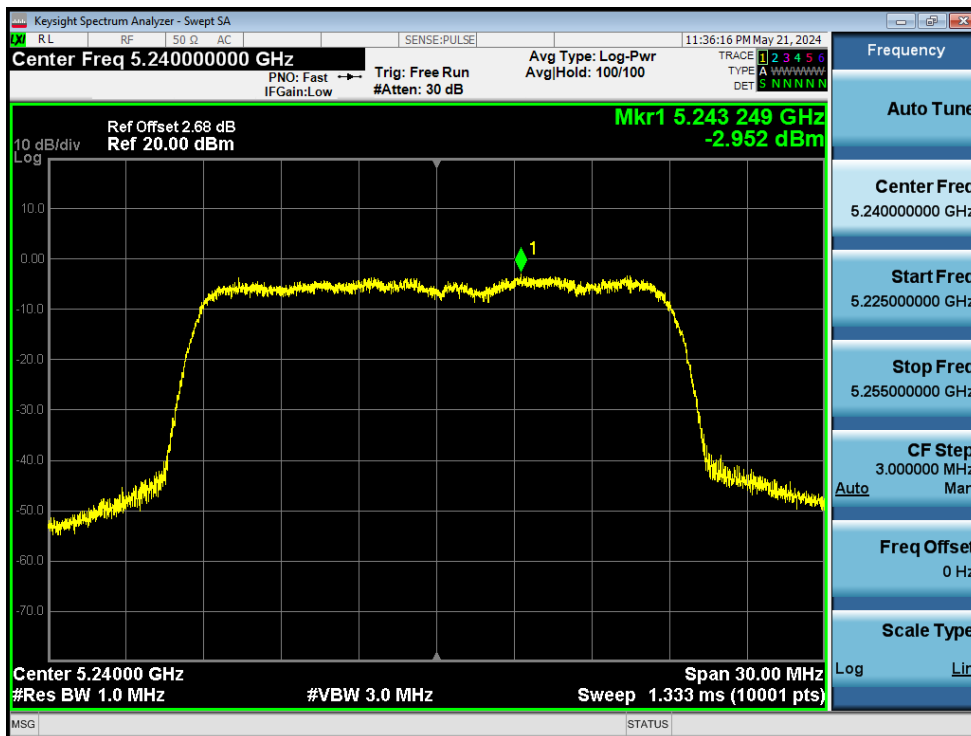
PSD NVNT ac80 5210MHz Ant1



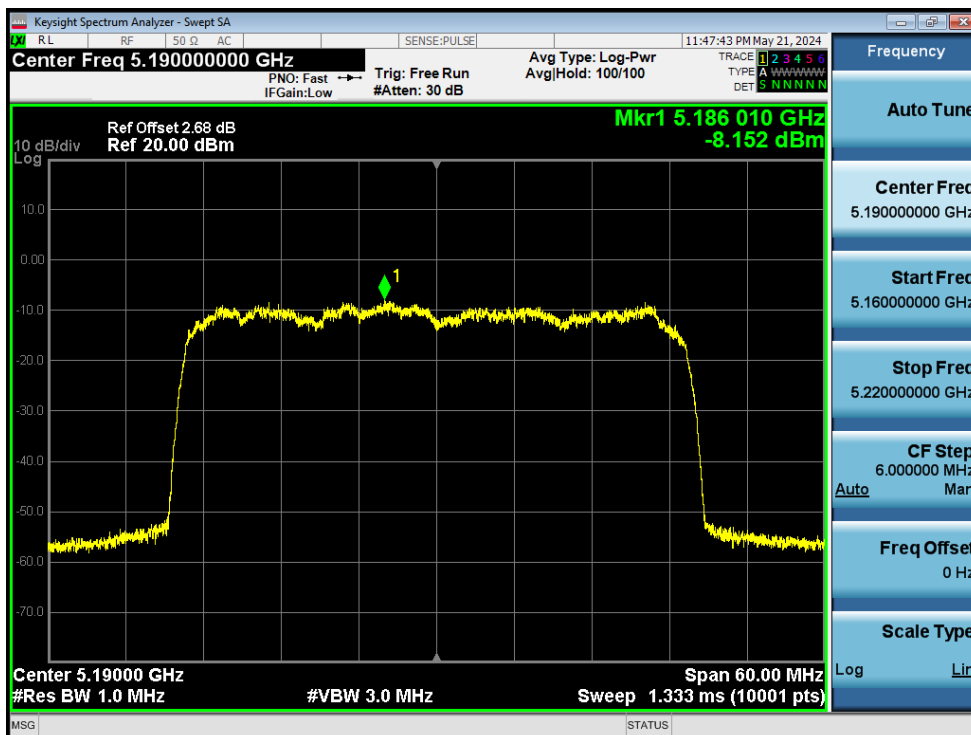
PSD NVNT ax20 5180MHz Ant1



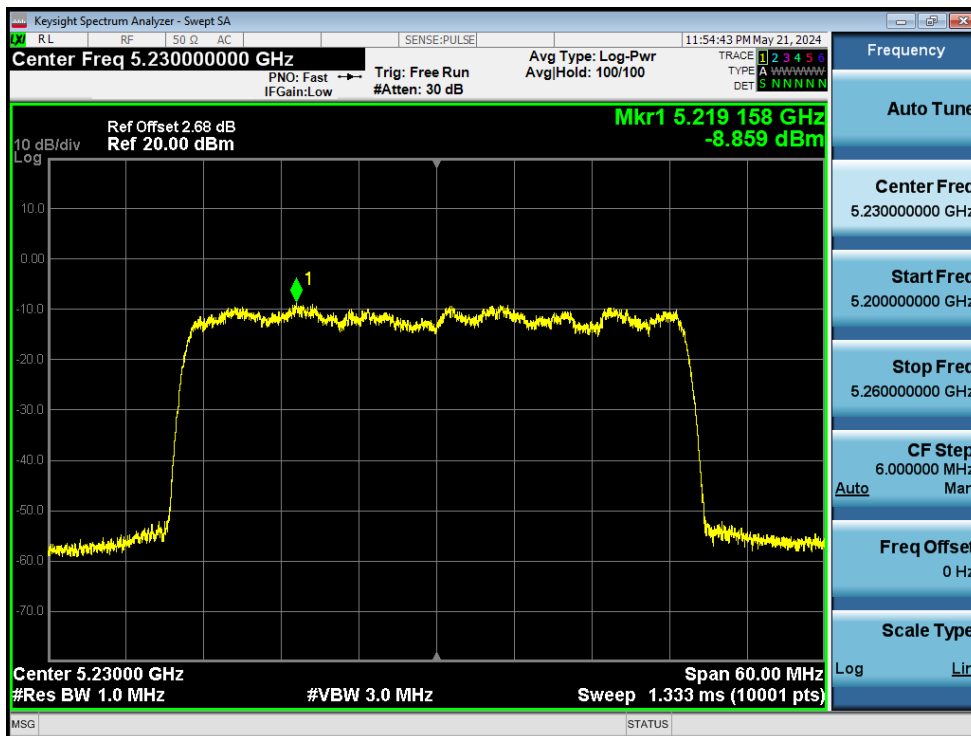
PSD NVNT ax20 5200MHz Ant1



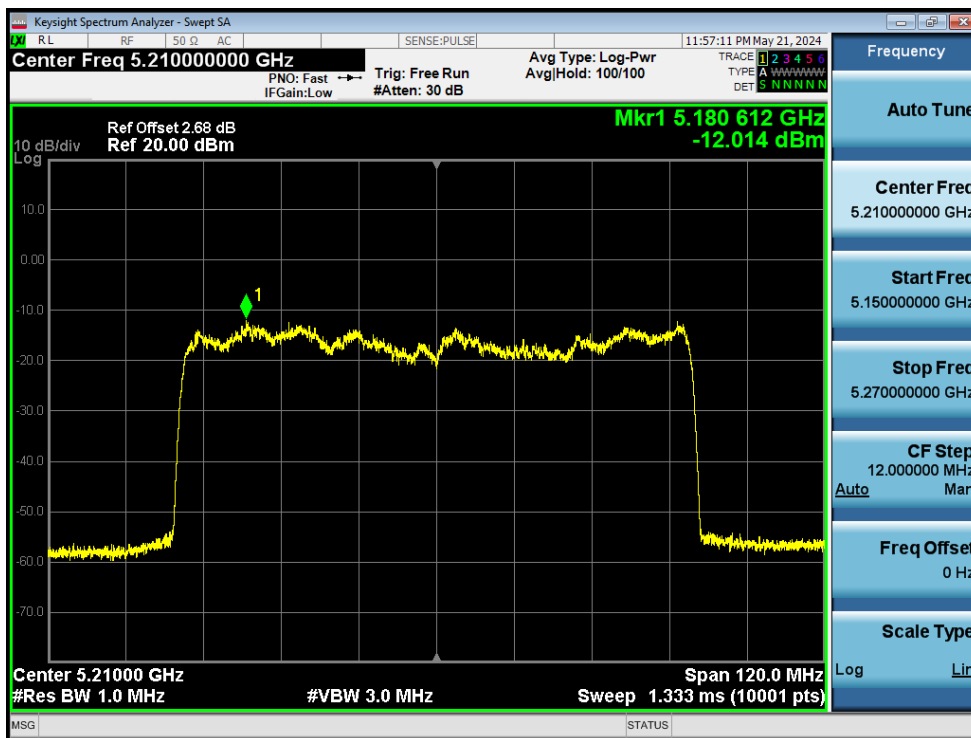
PSD NVNT ax20 5240MHz Ant1



PSD NVNT ax40 5190MHz Ant1



PSD NVNT ax40 5230MHz Ant1

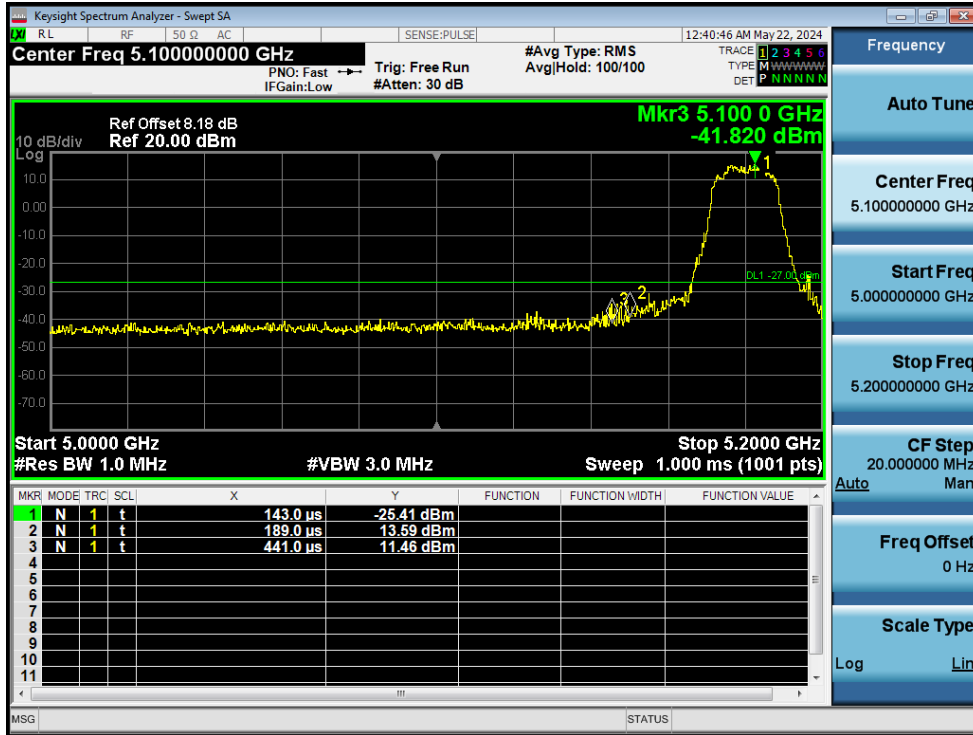


PSD NVNT ax80 5210MHz Ant1

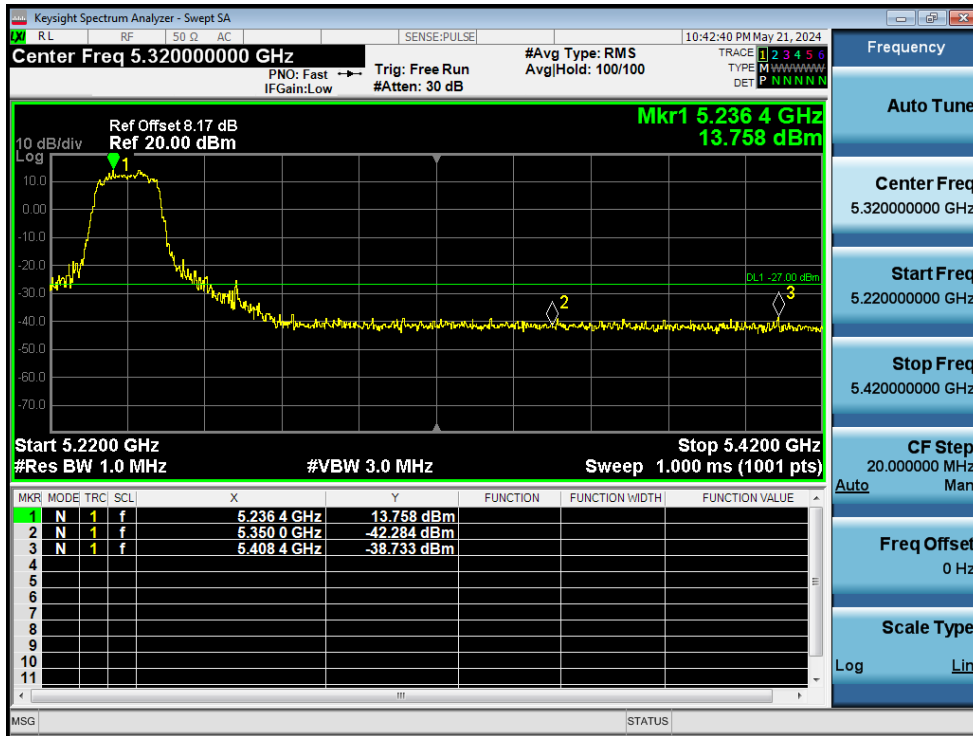
## 6. Band Edge

Condition	Mode	Frequency (MHz)	Antenna	Max Value (dBc)	Limit (dBc)	Verdict
NVNT	a	5180	Ant1	-34.47	-27	Pass
NVNT	a	5240	Ant1	-38.73	-27	Pass
NVNT	n20	5180	Ant1	-32.79	-27	Pass
NVNT	n20	5240	Ant1	-39.26	-27	Pass
NVNT	n40	5190	Ant1	-31.6	-27	Pass
NVNT	n40	5230	Ant1	-38.96	-27	Pass
NVNT	ac20	5180	Ant1	-27.39	-27	Pass
NVNT	ac20	5240	Ant1	-39.52	-27	Pass
NVNT	ac40	5190	Ant1	-28.82	-27	Pass
NVNT	ac40	5230	Ant1	-39.41	-27	Pass
NVNT	ac80	5210	Ant1	-38.74	-27	Pass
NVNT	ax20	5180	Ant1	-36.29	-27	Pass
NVNT	ax20	5240	Ant1	-40.06	-27	Pass
NVNT	ax40	5190	Ant1	-31.18	-27	Pass
NVNT	ax40	5230	Ant1	-39.92	-27	Pass
NVNT	ax80	5210	Ant1	-39.05	-27	Pass

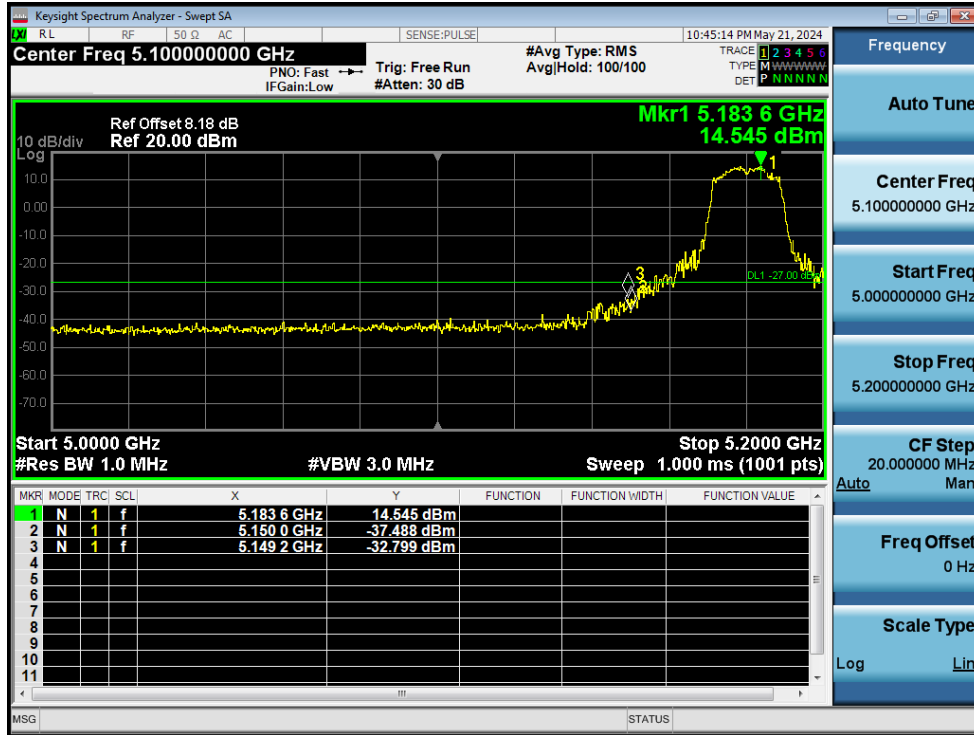




Band Edge NVNT a 5180MHz Low Ant1



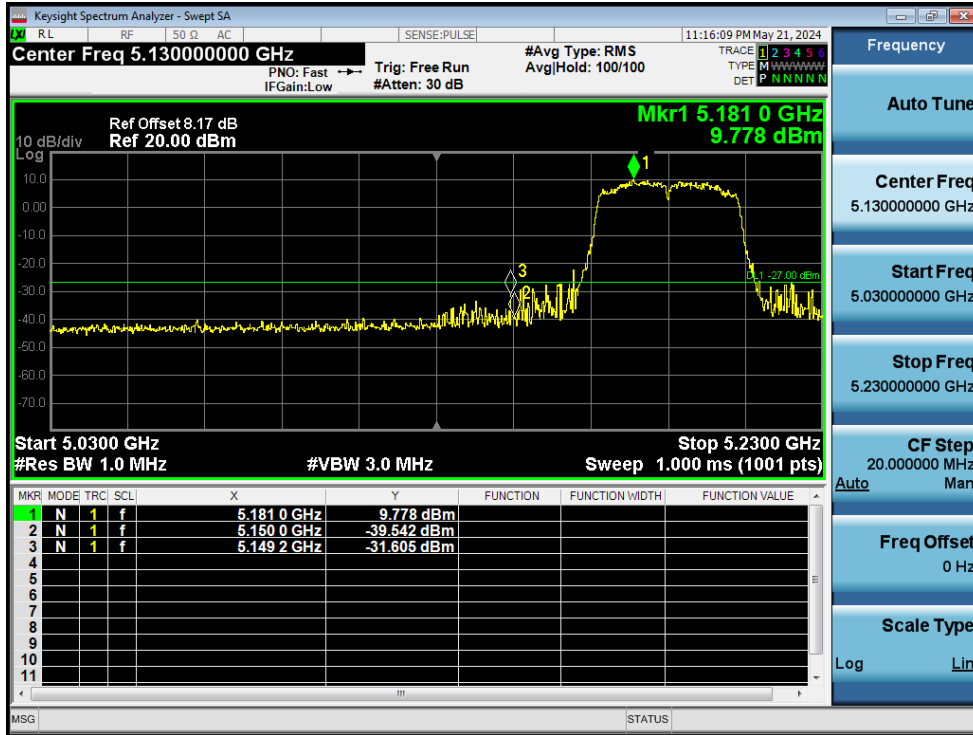
Band Edge NVNT a 5240MHz High Ant1



Band Edge NVNT n20 5180MHz Low Ant1



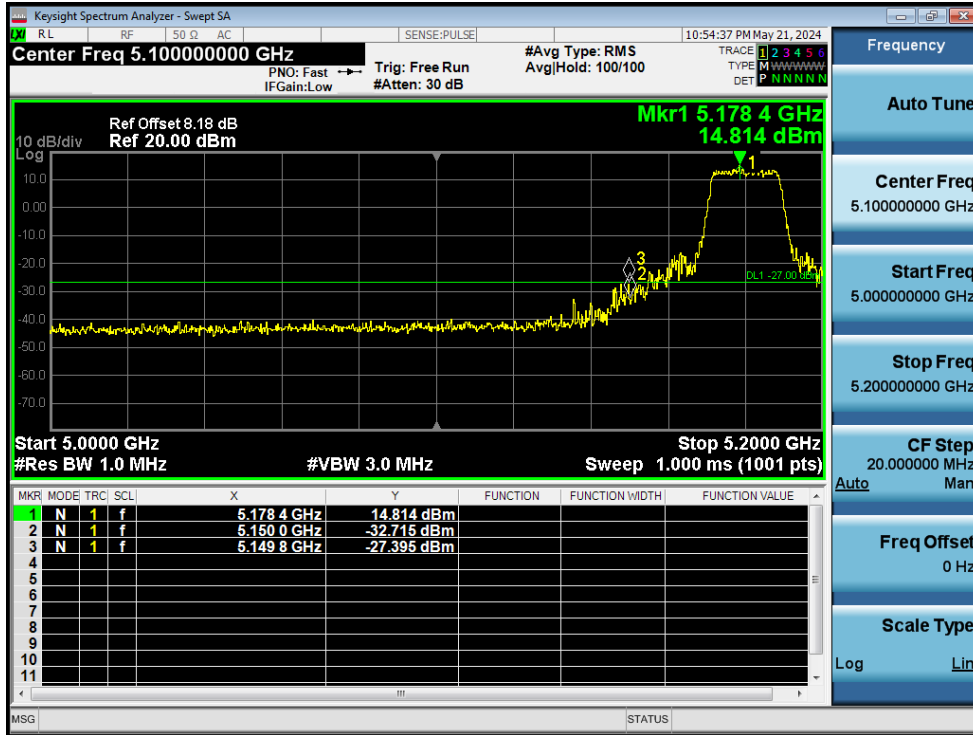
Band Edge NVNT n20 5240MHz High Ant1



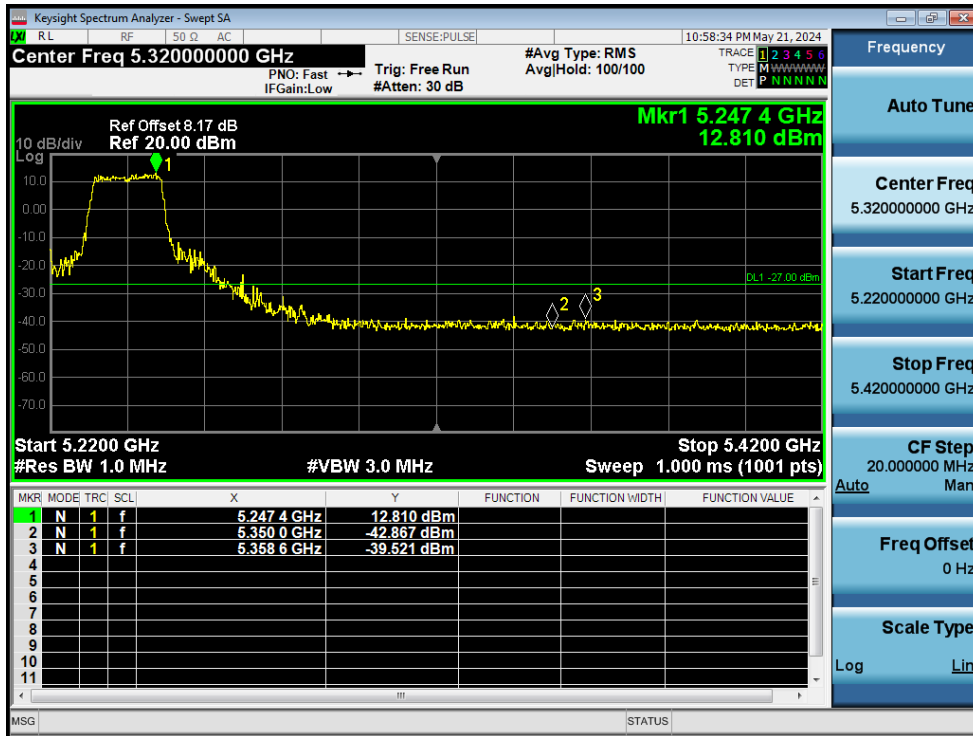
Band Edge NVNT n40 5190MHz Low Ant1



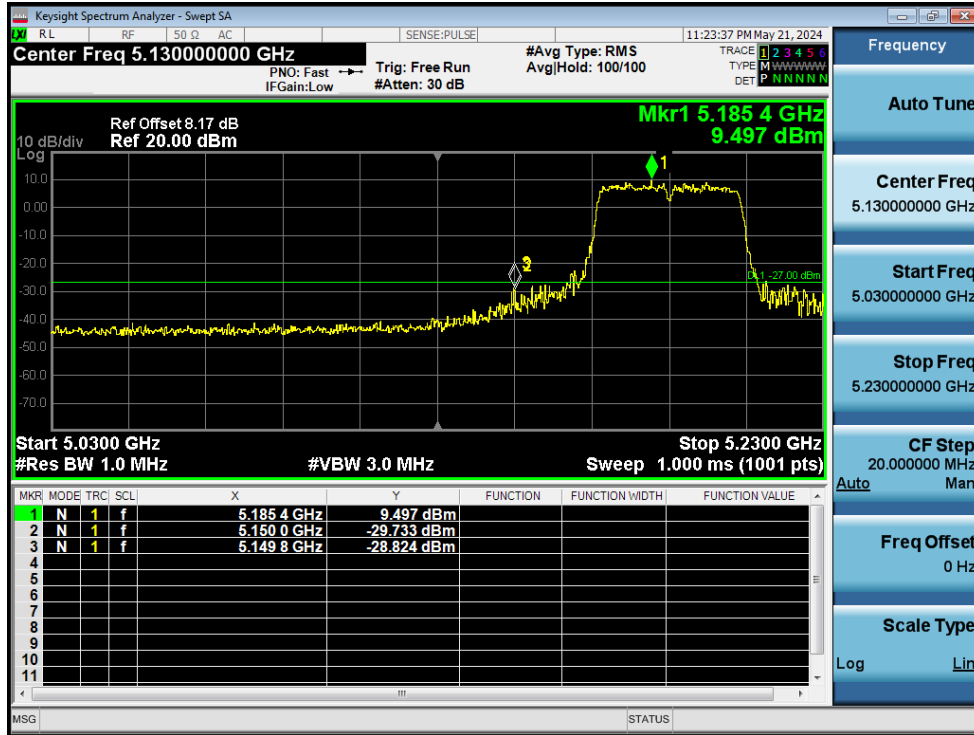
Band Edge NVNT n40 5230MHz High Ant1



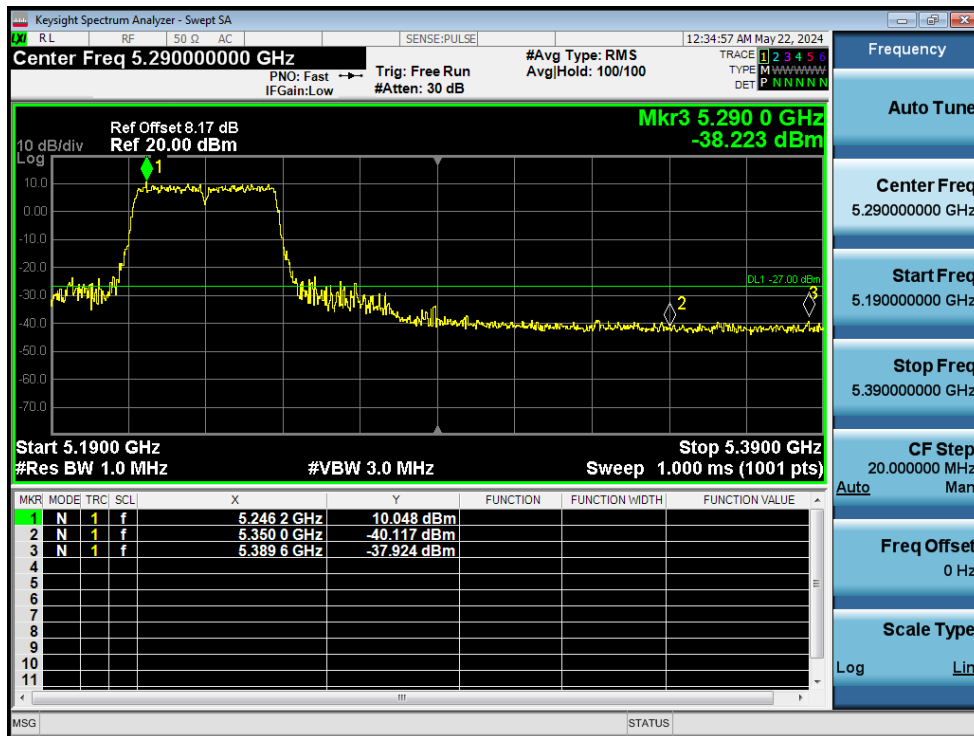
Band Edge NVNT ac20 5180MHz Low Ant1



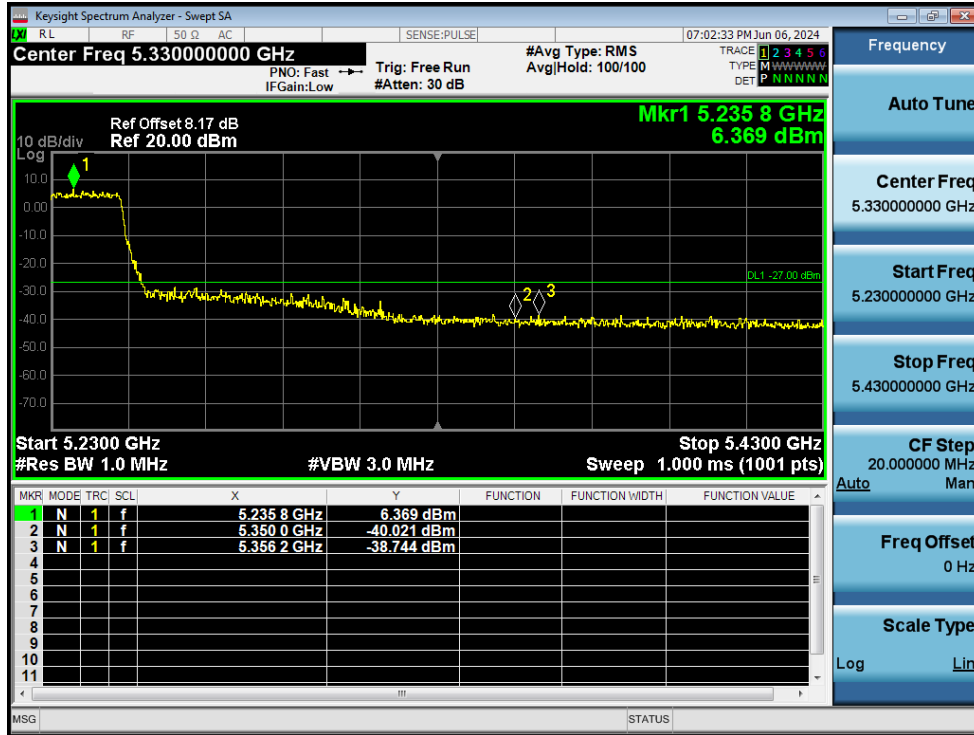
Band Edge NVNT ac20 5240MHz High Ant1



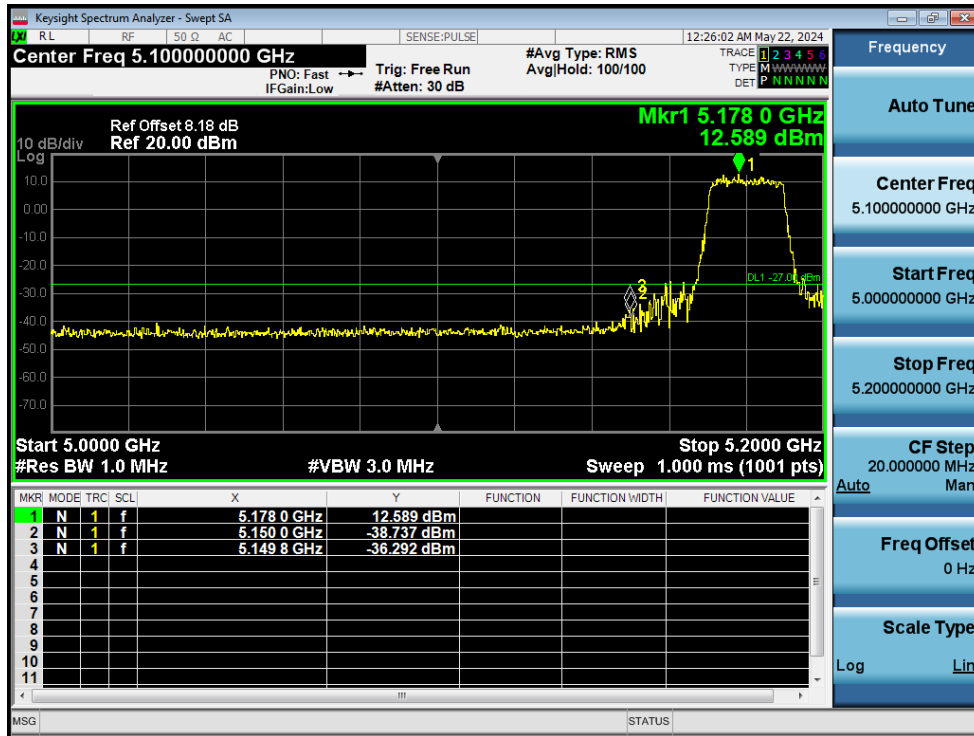
Band Edge NVNT ac40 5190MHz Low Ant1



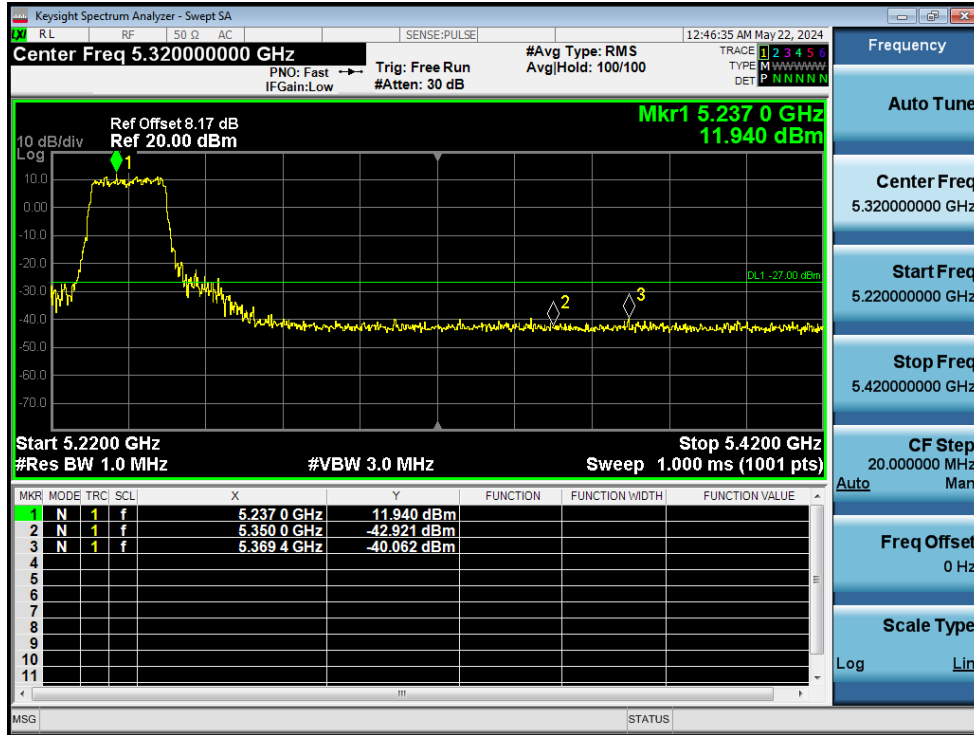
Band Edge NVNT ac40 5230MHz High Ant1



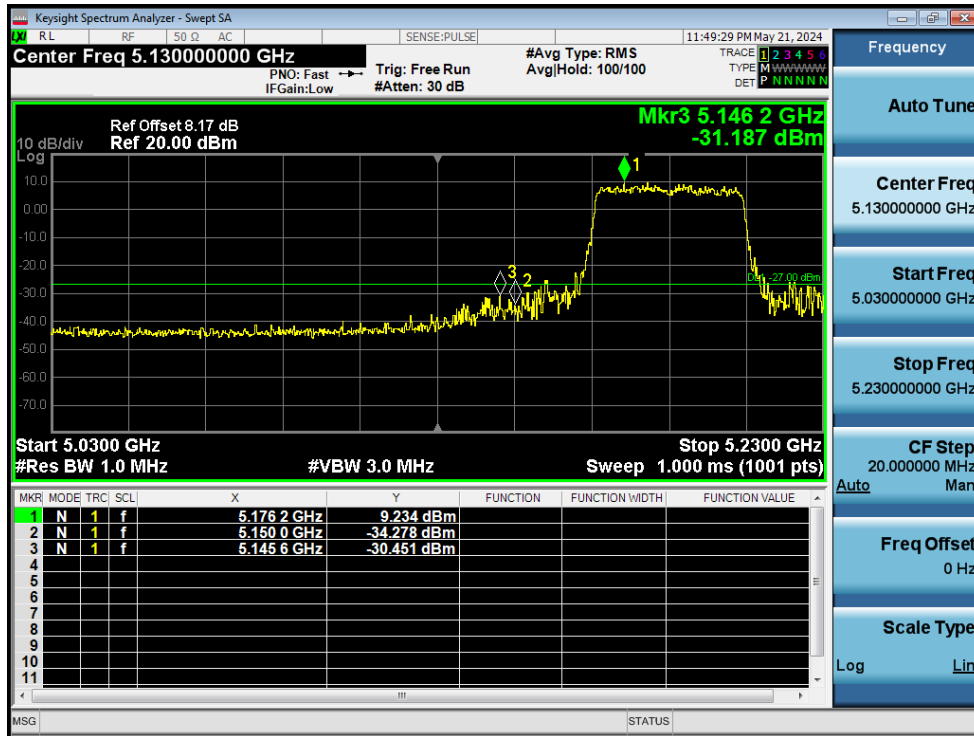
Band Edge NVNT ac80 5210MHz High Ant1



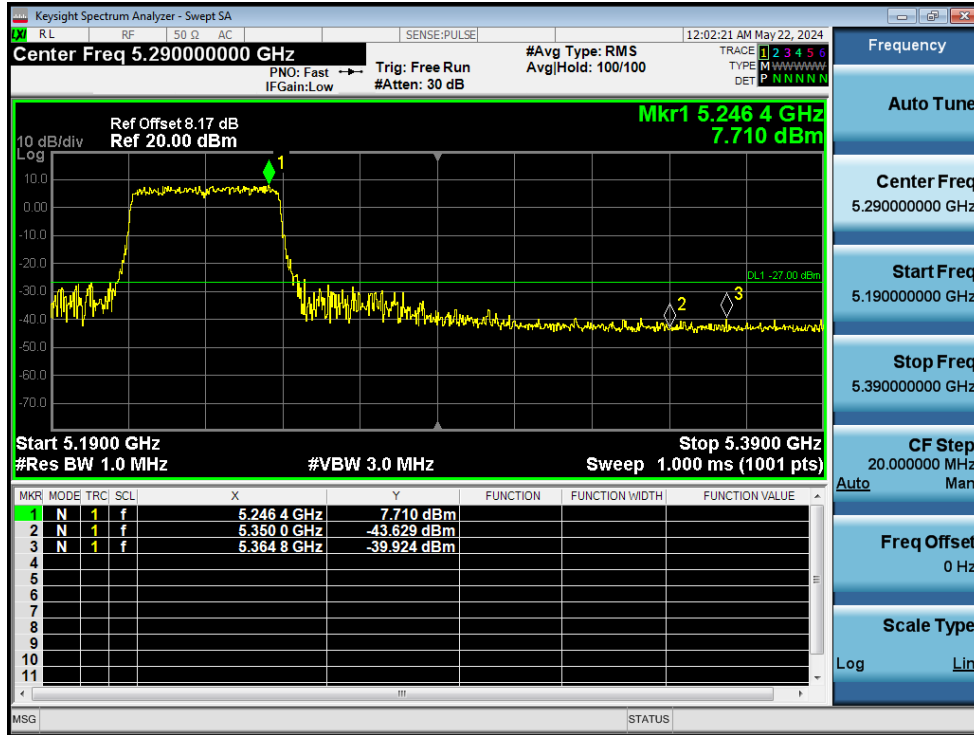
Band Edge NVNT ax20 5180MHz Low Ant1



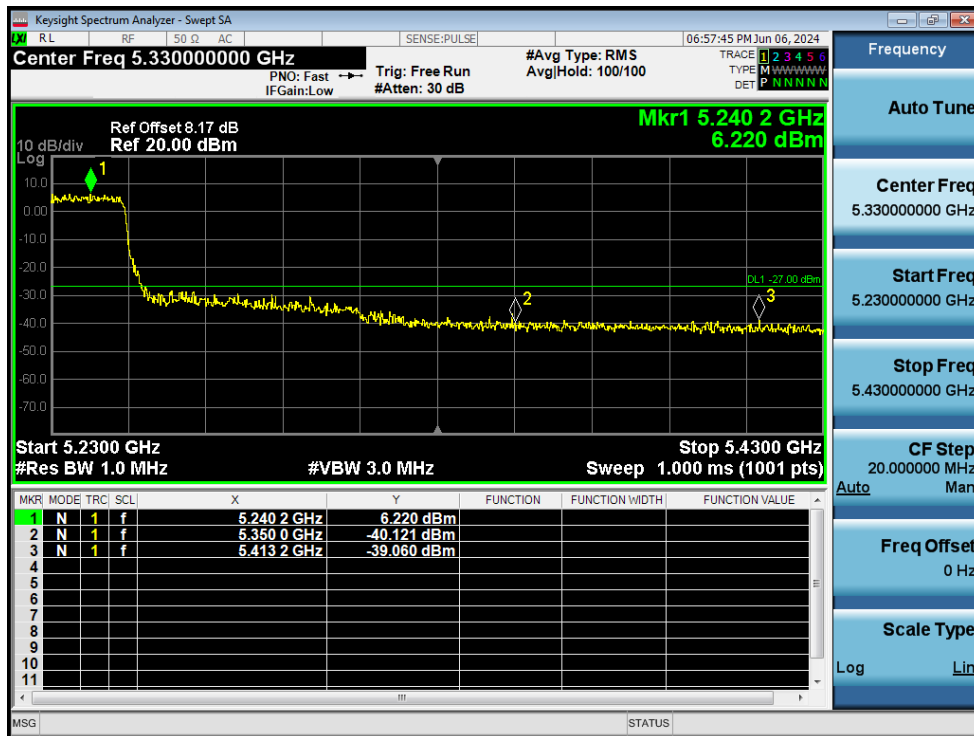
Band Edge NVNT ax20 5240MHz High Ant1



Band Edge NVNT ax40 5190MHz Low Ant1



Band Edge NVNT ax40 5230MHz High Ant1

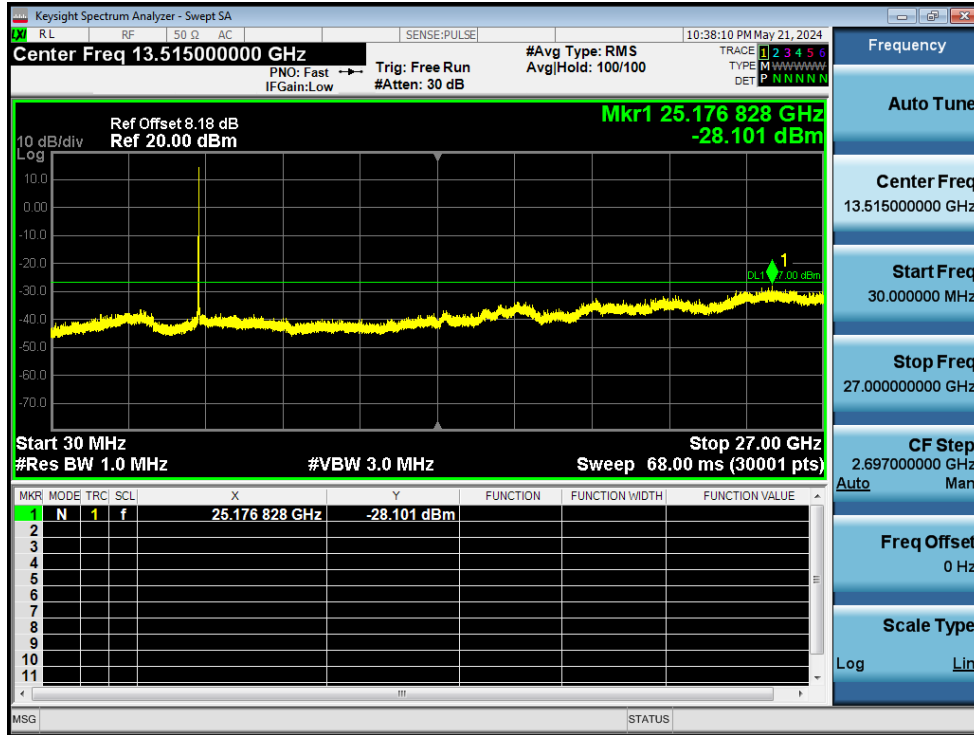


Band Edge NVNT ax80 5210MHz High Ant1

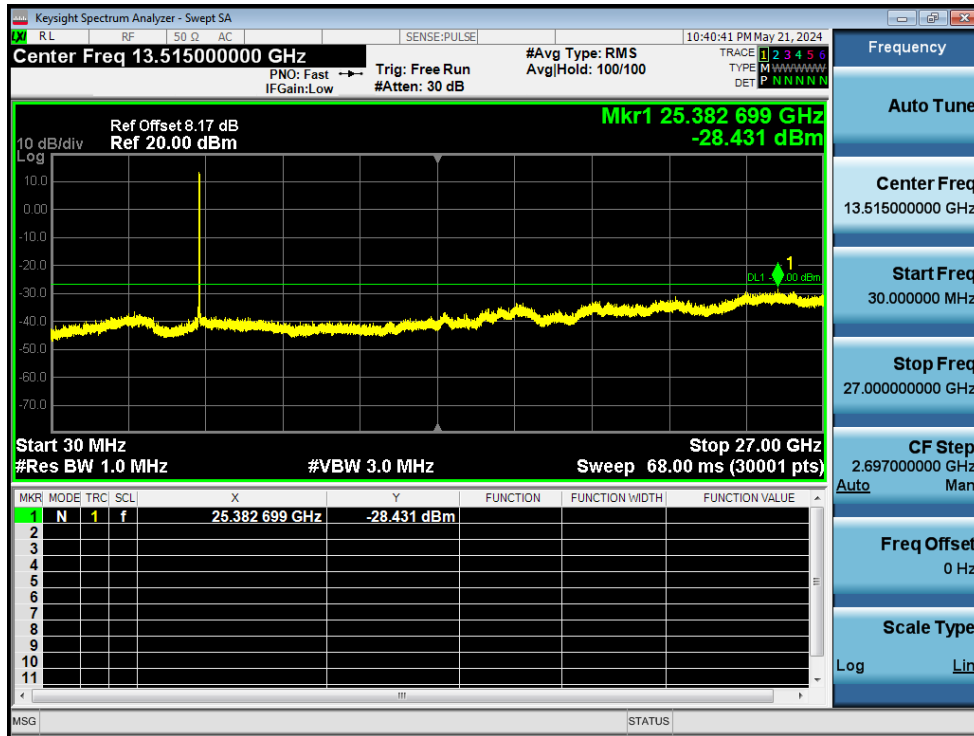


## 7. Conducted RF Spurious Emission

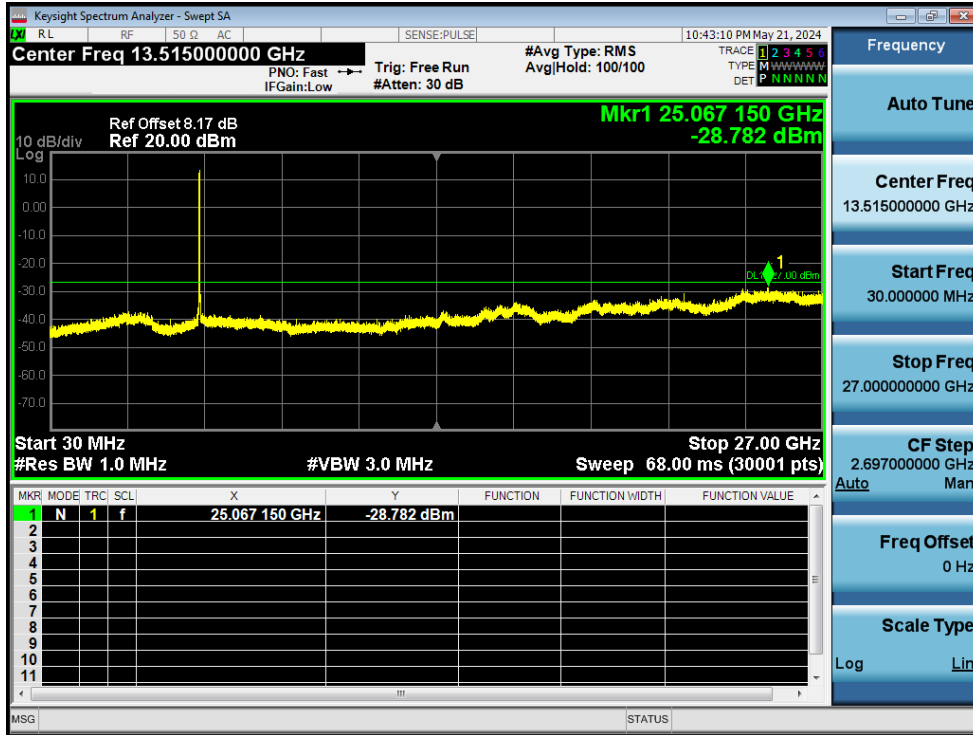
Condition	Mode	Frequency (MHz)	Antenna	Max Value (dBc)	Limit (dBc)	Verdict
NVNT	a	5180	Ant1	-28.1	-27	Pass
NVNT	a	5200	Ant1	-28.43	-27	Pass
NVNT	a	5240	Ant1	-28.78	-27	Pass
NVNT	n20	5180	Ant1	-28.73	-27	Pass
NVNT	n20	5200	Ant1	-29.38	-27	Pass
NVNT	n20	5240	Ant1	-28.64	-27	Pass
NVNT	n40	5190	Ant1	-29.46	-27	Pass
NVNT	n40	5230	Ant1	-27.37	-27	Pass
NVNT	ac20	5180	Ant1	-29.2	-27	Pass
NVNT	ac20	5200	Ant1	-29.49	-27	Pass
NVNT	ac20	5240	Ant1	-28.73	-27	Pass
NVNT	ac40	5190	Ant1	-29.5	-27	Pass
NVNT	ac40	5230	Ant1	-29.4	-27	Pass
NVNT	ac80	5210	Ant1	-28.22	-27	Pass
NVNT	ax20	5180	Ant1	-29.16	-27	Pass
NVNT	ax20	5200	Ant1	-28.87	-27	Pass
NVNT	ax20	5240	Ant1	-29.34	-27	Pass
NVNT	ax40	5190	Ant1	-28.62	-27	Pass
NVNT	ax40	5230	Ant1	-28.65	-27	Pass
NVNT	ax80	5210	Ant1	-28.93	-27	Pass



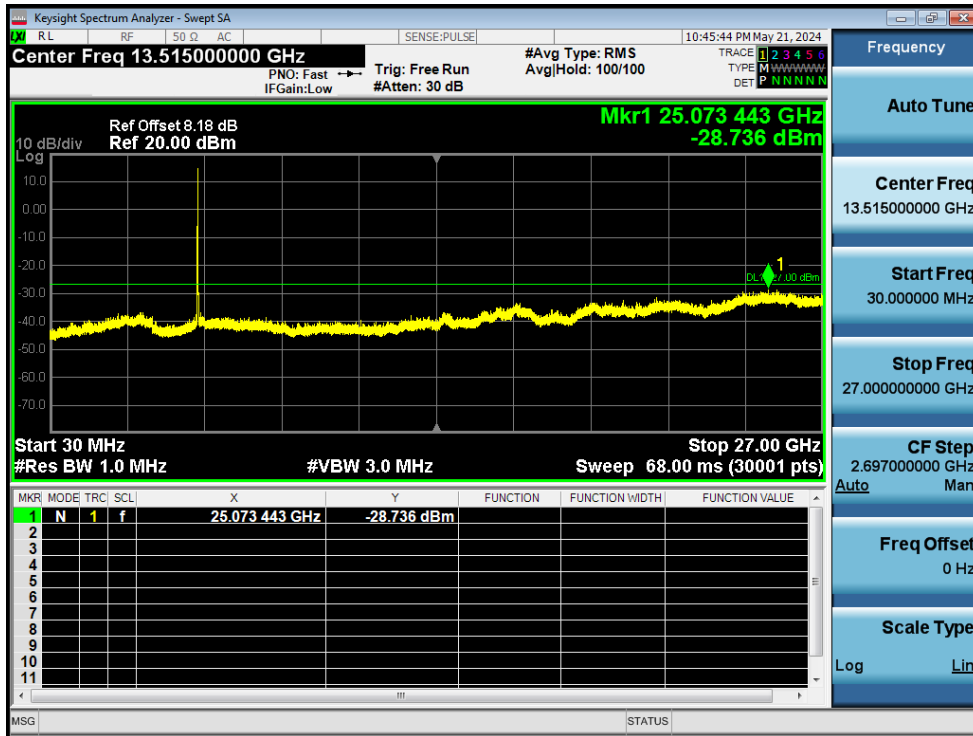
Tx. Spurious NVNT a 5180MHz Ant1 Emission



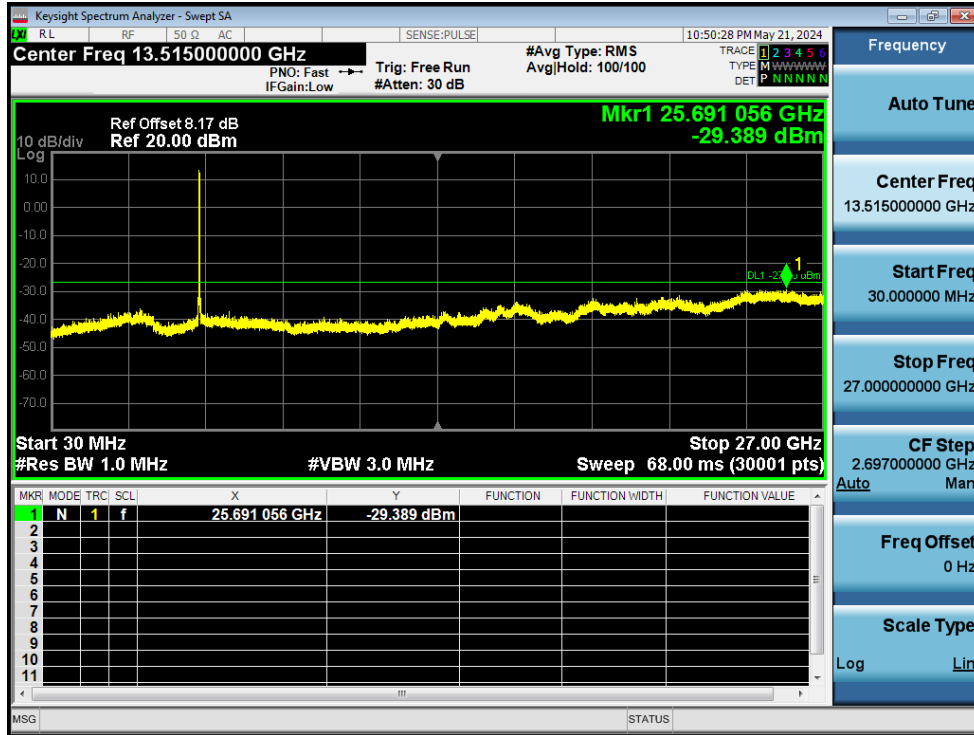
Tx. Spurious NVNT a 5200MHz Ant1 Emission



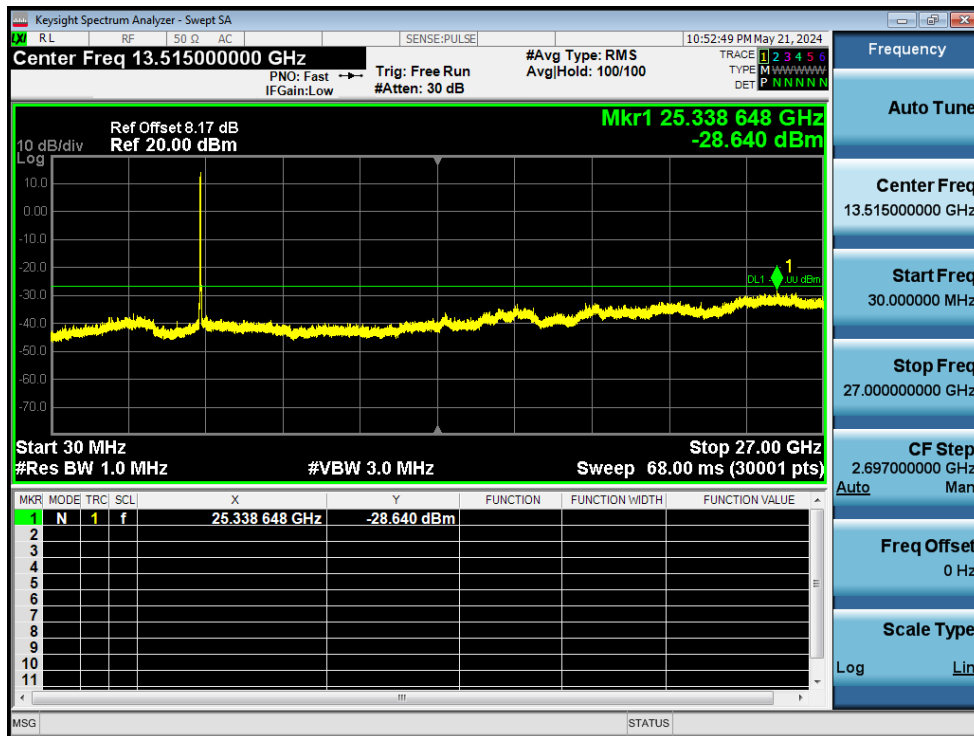
Tx. Spurious NVNT a 5240MHz Ant1 Emission



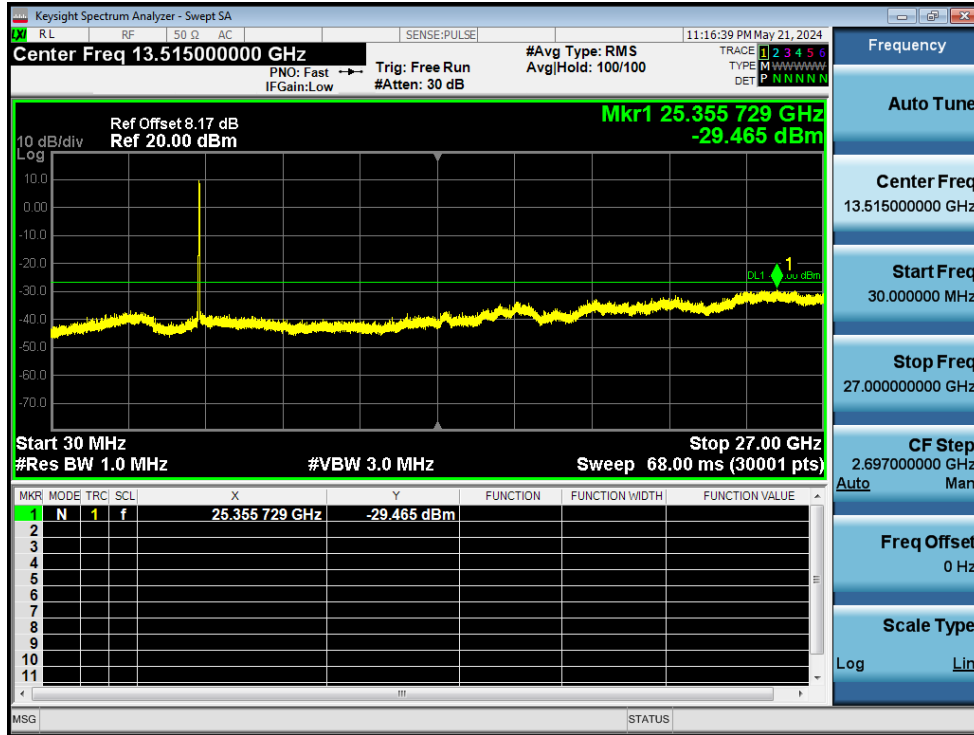
Tx. Spurious NVNT n20 5180MHz Ant1 Emission



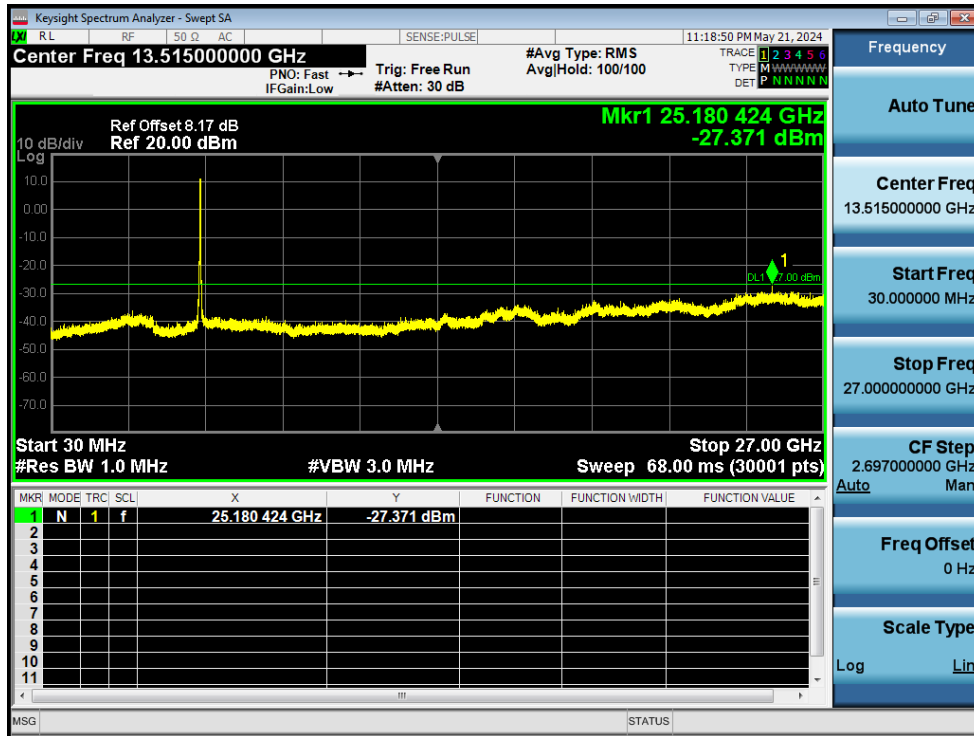
Tx. Spurious NVNT n20 5200MHz Ant1 Emission



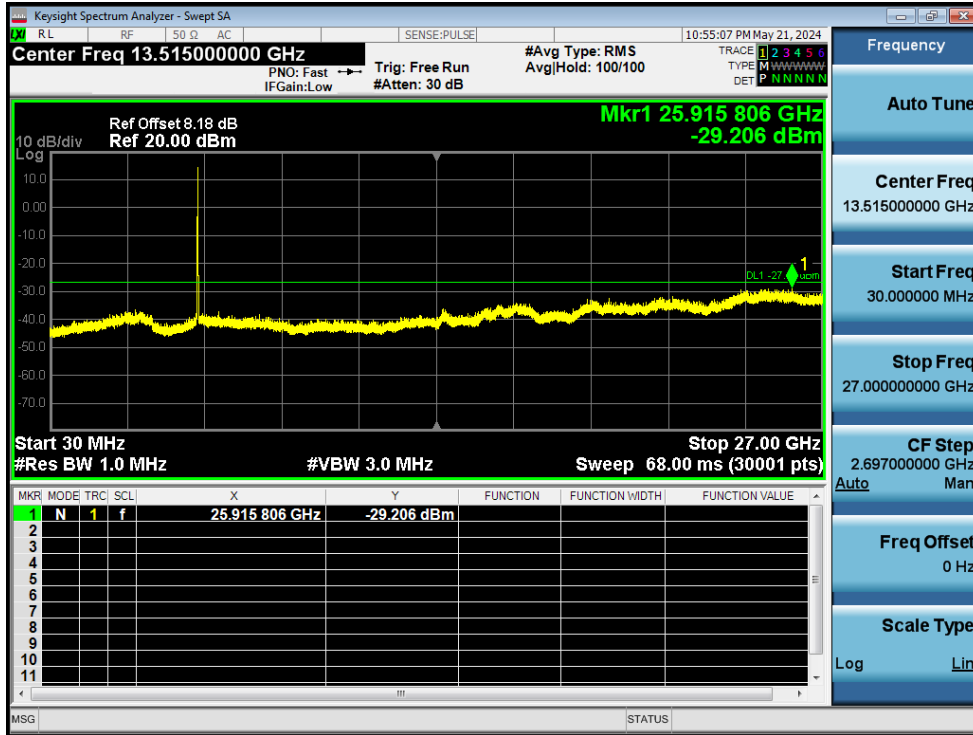
Tx. Spurious NVNT n20 5240MHz Ant1 Emission



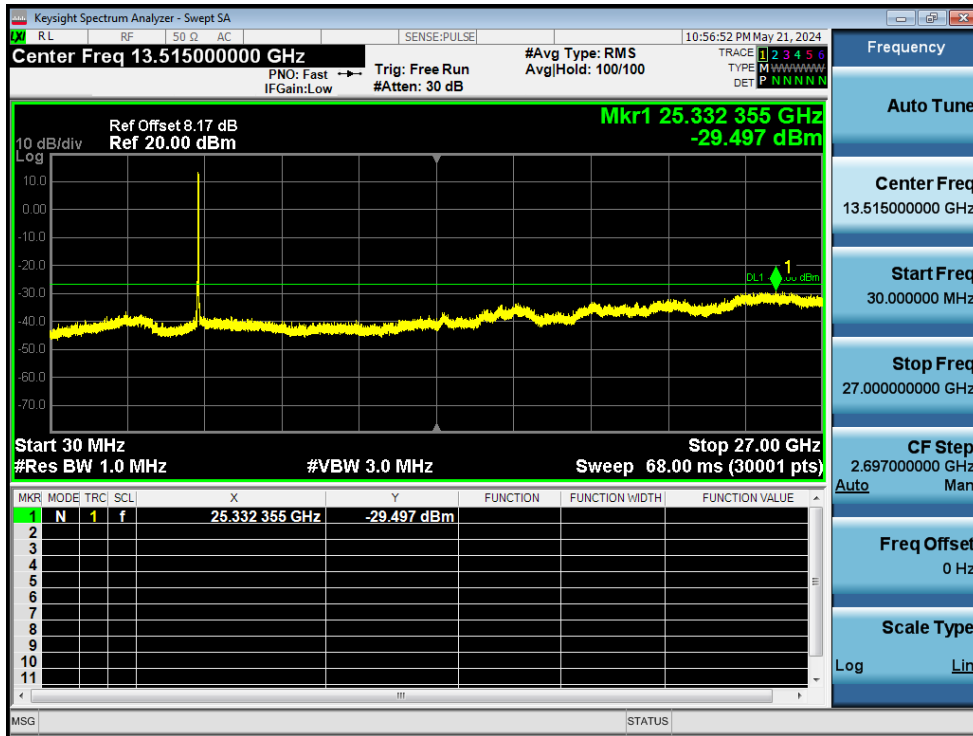
Tx. Spurious NVNT n40 5190MHz Ant1 Emission



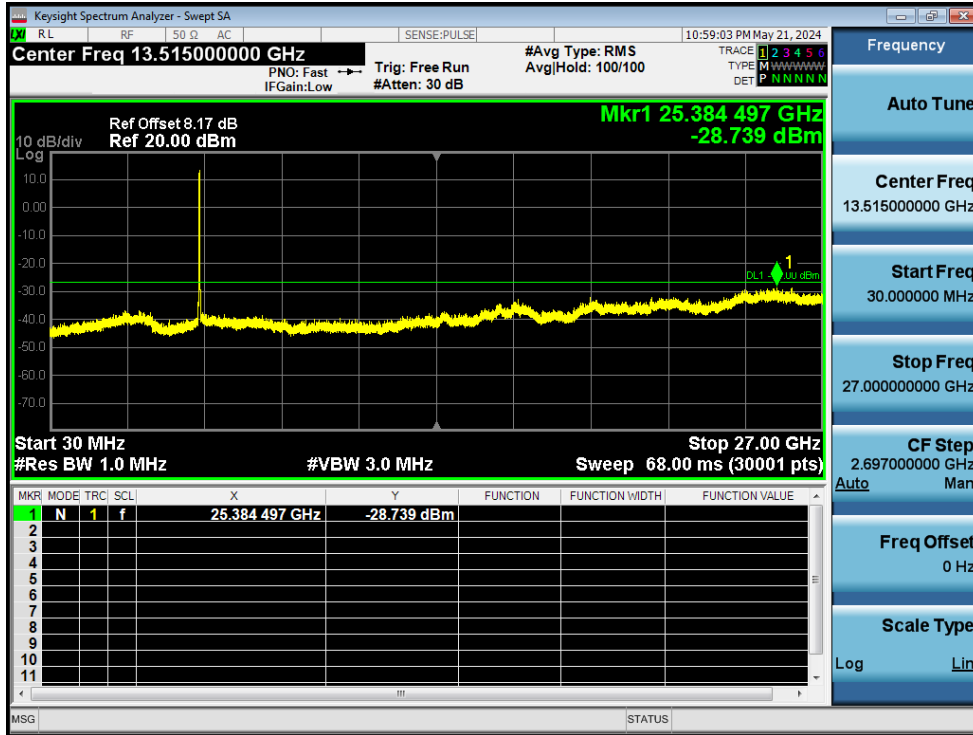
Tx. Spurious NVNT n40 5230MHz Ant1 Emission



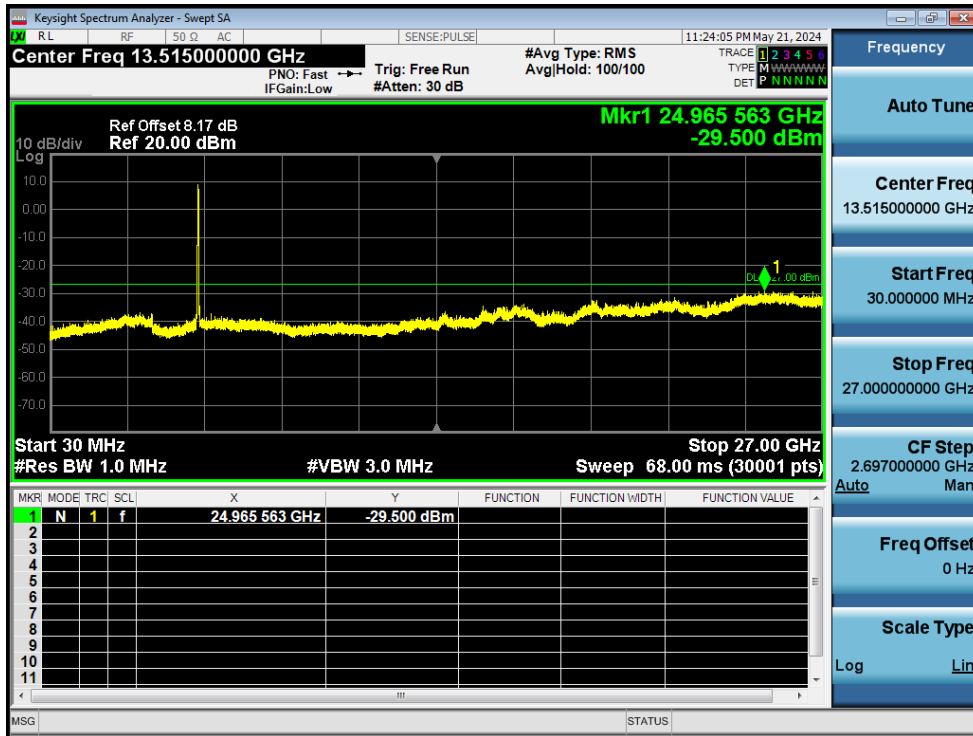
Tx. Spurious NVNT ac20 5180MHz Ant1 Emission



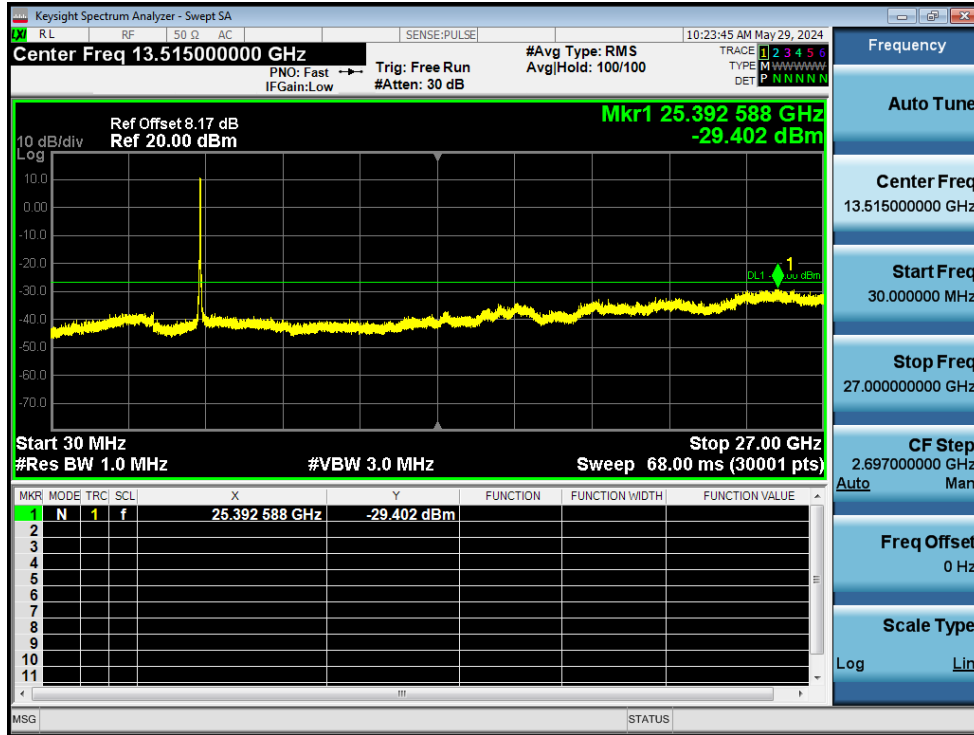
Tx. Spurious NVNT ac20 5200MHz Ant1 Emission



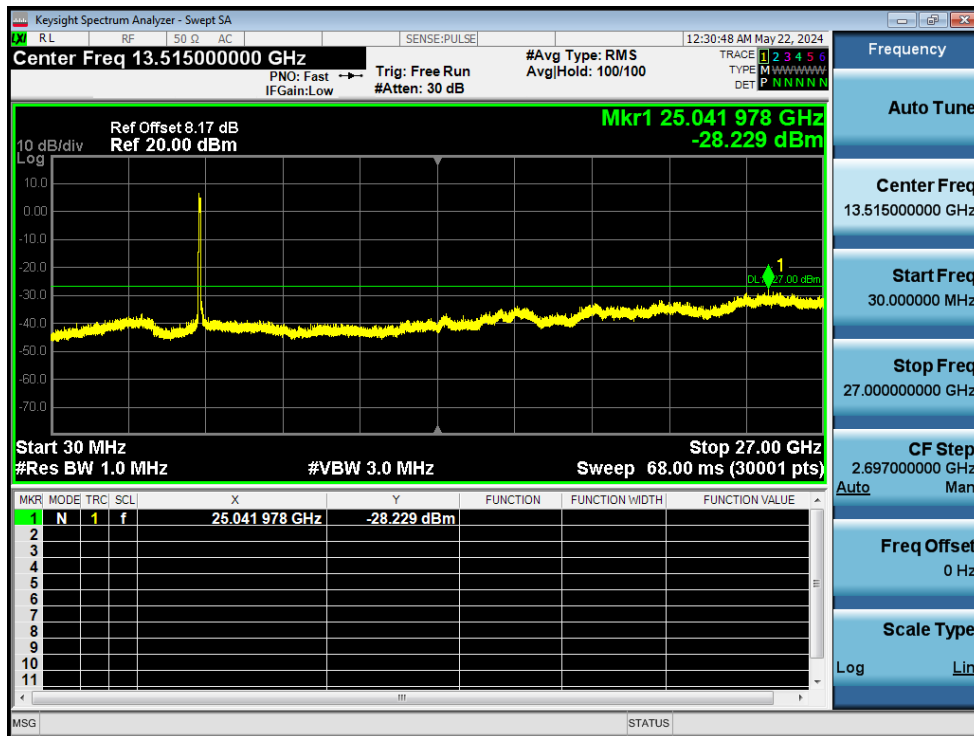
Tx. Spurious NVNT ac20 5240MHz Ant1 Emission



Tx. Spurious NVNT ac40 5190MHz Ant1 Emission

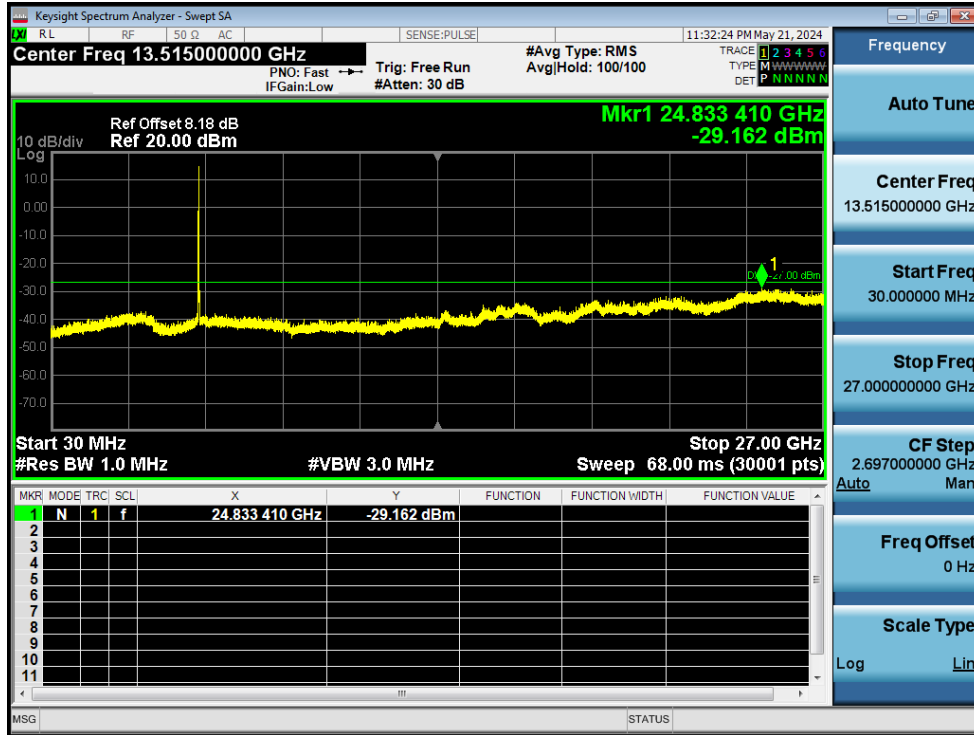


Tx. Spurious NVNT ac40 5230MHz Ant1 Emission

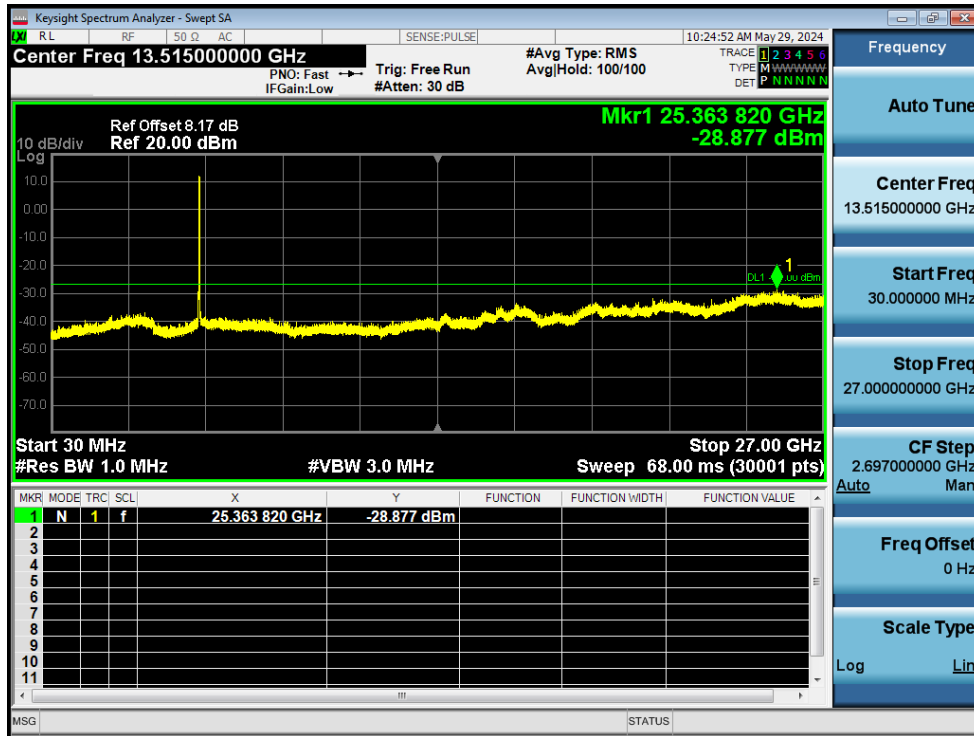


Tx. Spurious NVNT ac80 5210MHz Ant1 Emission

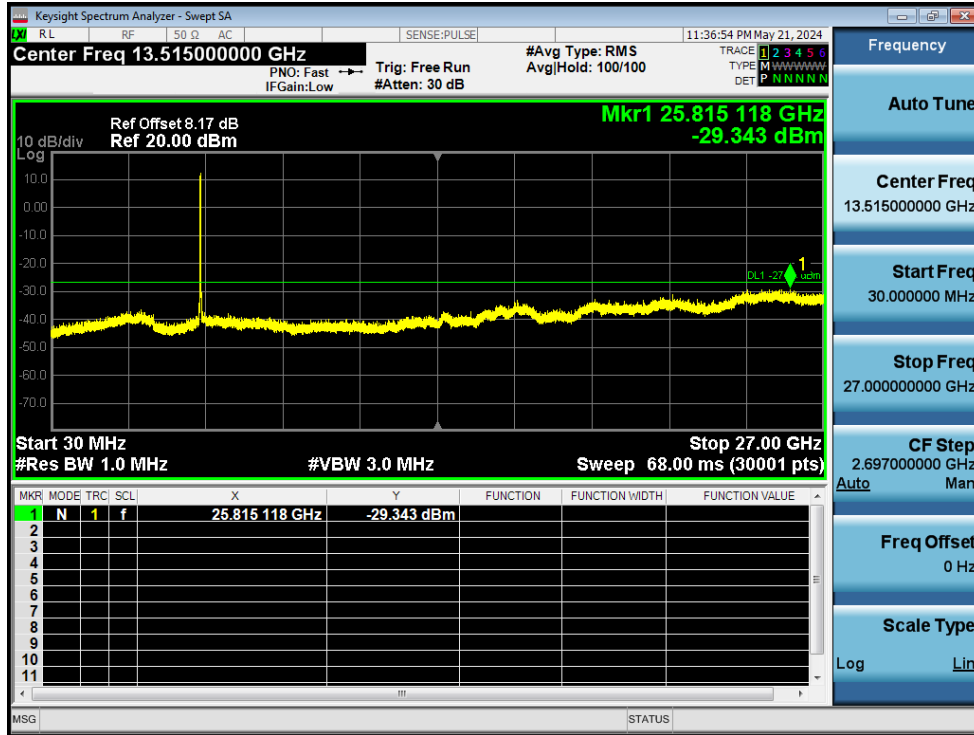




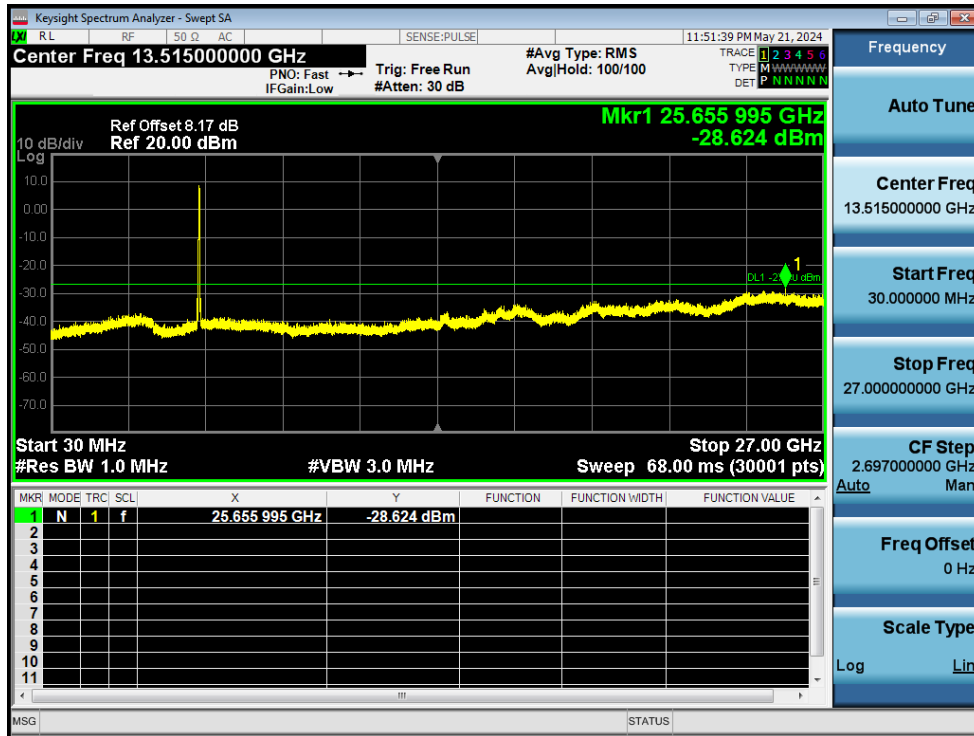
Tx. Spurious NVNT ax20 5180MHz Ant1 Emission



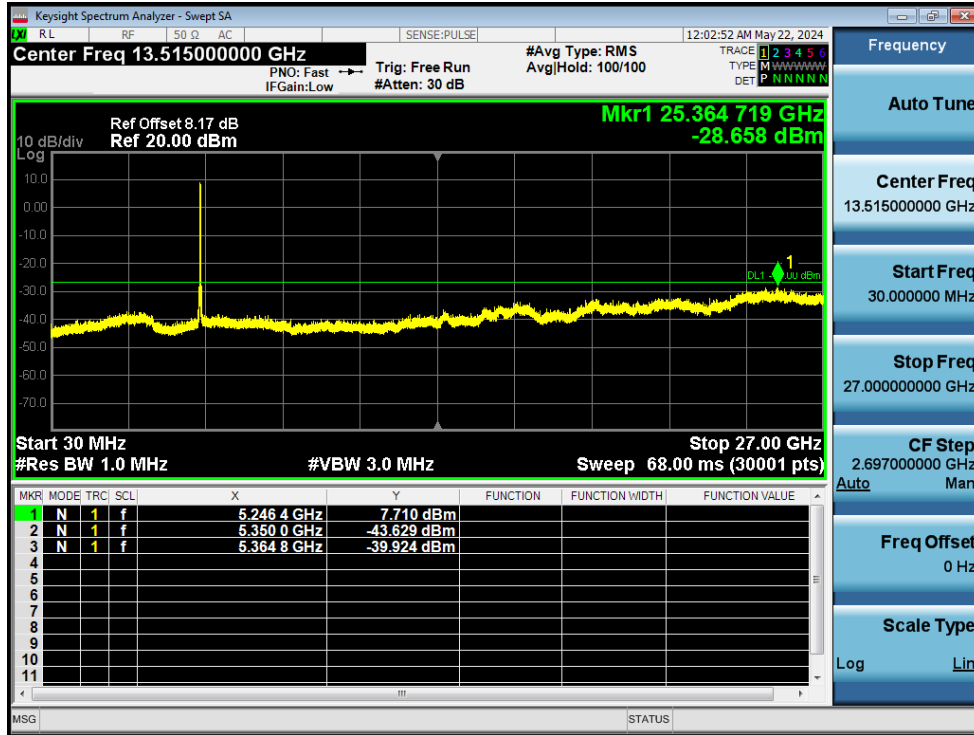
Tx. Spurious NVNT ax20 5200MHz Ant1 Emission



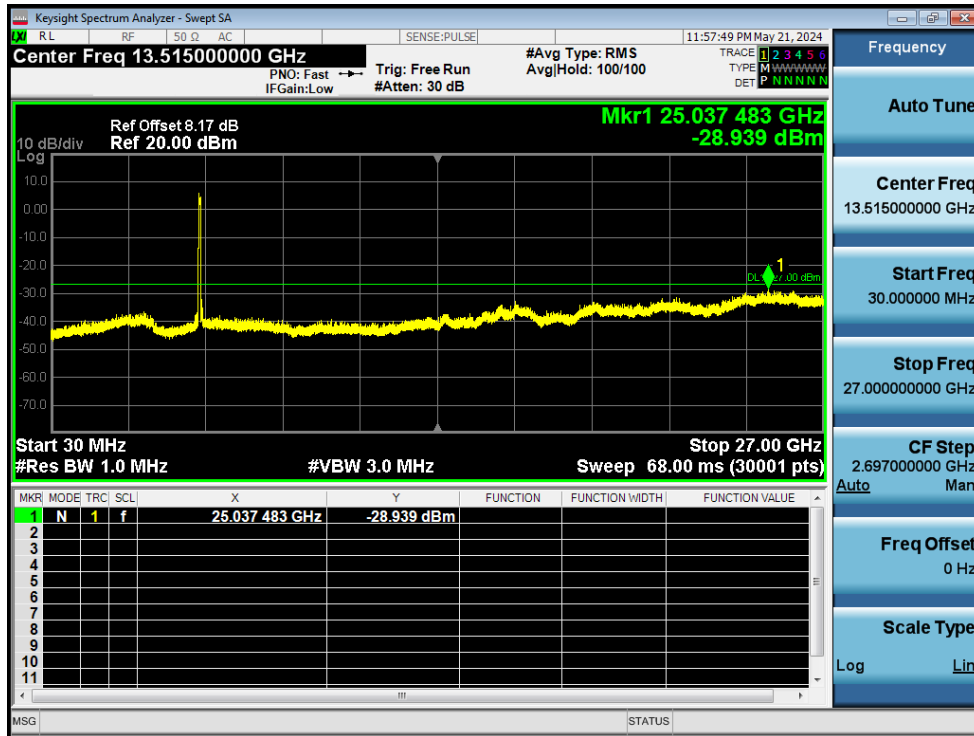
Tx. Spurious NVNT ax20 5240MHz Ant1 Emission



Tx. Spurious NVNT ax40 5190MHz Ant1 Emission



Tx. Spurious NVNT ax40 5230MHz Ant1 Emission



Tx. Spurious NVNT ax80 5210MHz Ant1 Emission