

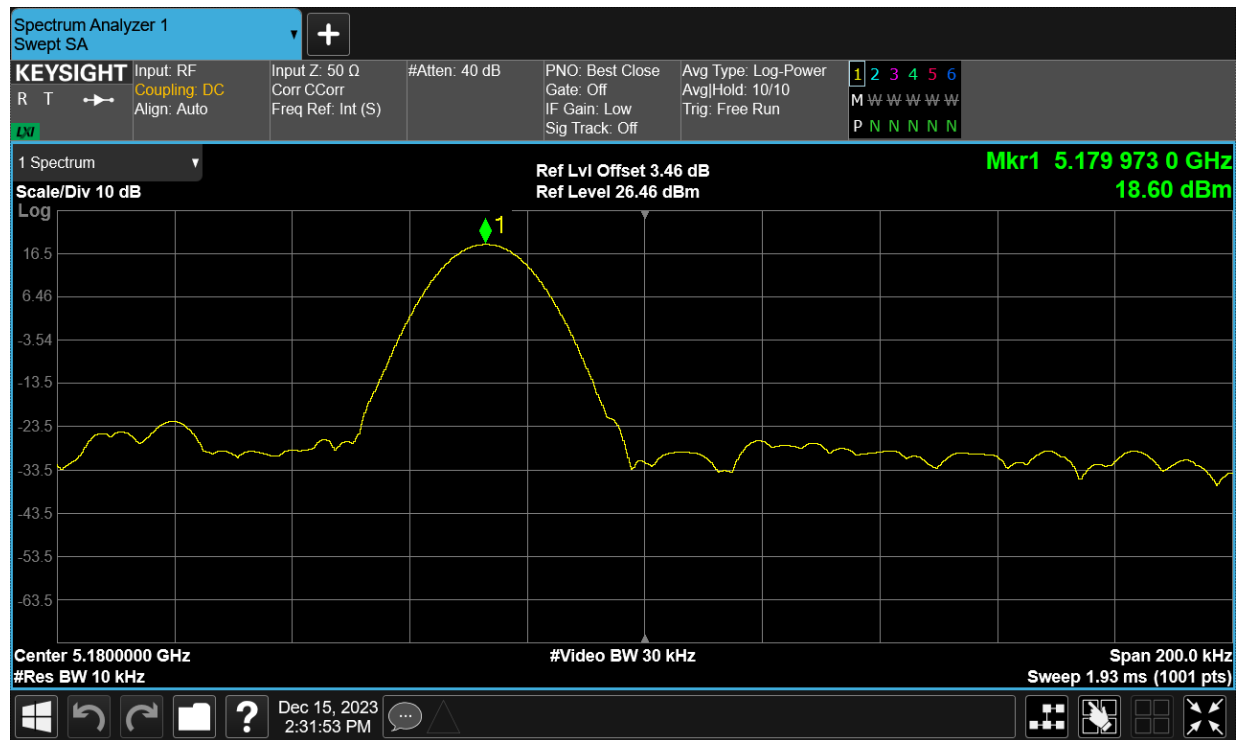
Test Data

Frequency Stability

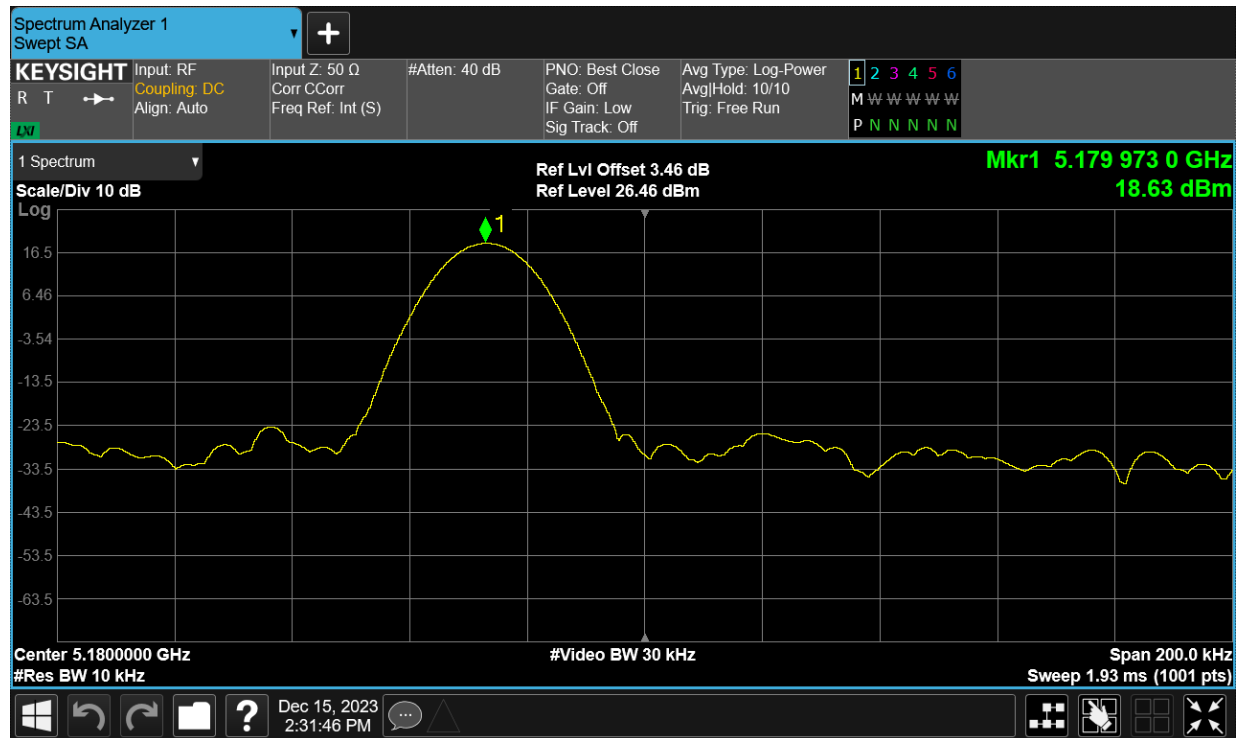
Condition	Mode	Frequency (MHz)	Antenna	Measured Frequency (MHz)	Deviation (ppm)	Limit (ppm)	Verdict
HVNT	a	5180	Ant0	5179.973	-5.21	25	Pass
LVNT	a	5180	Ant0	5179.973	-5.21	25	Pass
NVHT	a	5180	Ant0	5179.9732	-5.17	25	Pass
NVLT	a	5180	Ant0	5179.9734	-5.14	25	Pass
NVNT	a	5180	Ant0	5179.9734	-5.14	25	Pass
HVNT	ac80	5210	Ant0	5209.9726	-5.26	25	Pass
LVNT	ac80	5210	Ant0	5209.9726	-5.26	25	Pass
NVHT	ac80	5210	Ant0	5209.9728	-5.22	25	Pass
NVLT	ac80	5210	Ant0	5209.973	-5.18	25	Pass
NVNT	ac80	5210	Ant0	5209.973180459	-5.15	25	Pass
HVNT	n40	5190	Ant0	5189.973	-5.2	25	Pass
LVNT	n40	5190	Ant0	5189.973	-5.2	25	Pass
NVHT	n40	5190	Ant0	5189.9732	-5.16	25	Pass
NVLT	n40	5190	Ant0	5189.9732	-5.16	25	Pass
NVNT	n40	5190	Ant0	5189.9734	-5.13	25	Pass

Test Graphs

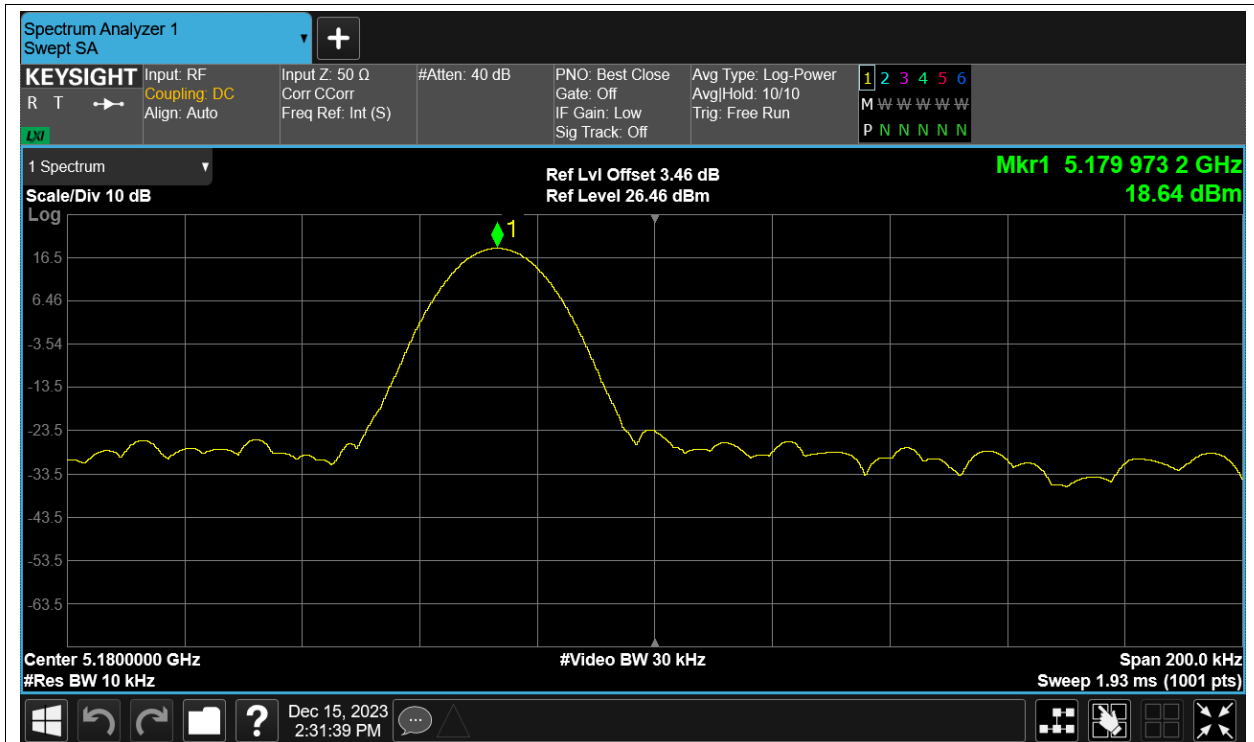
Freq. Stability HVNT a 5180MHz Ant0



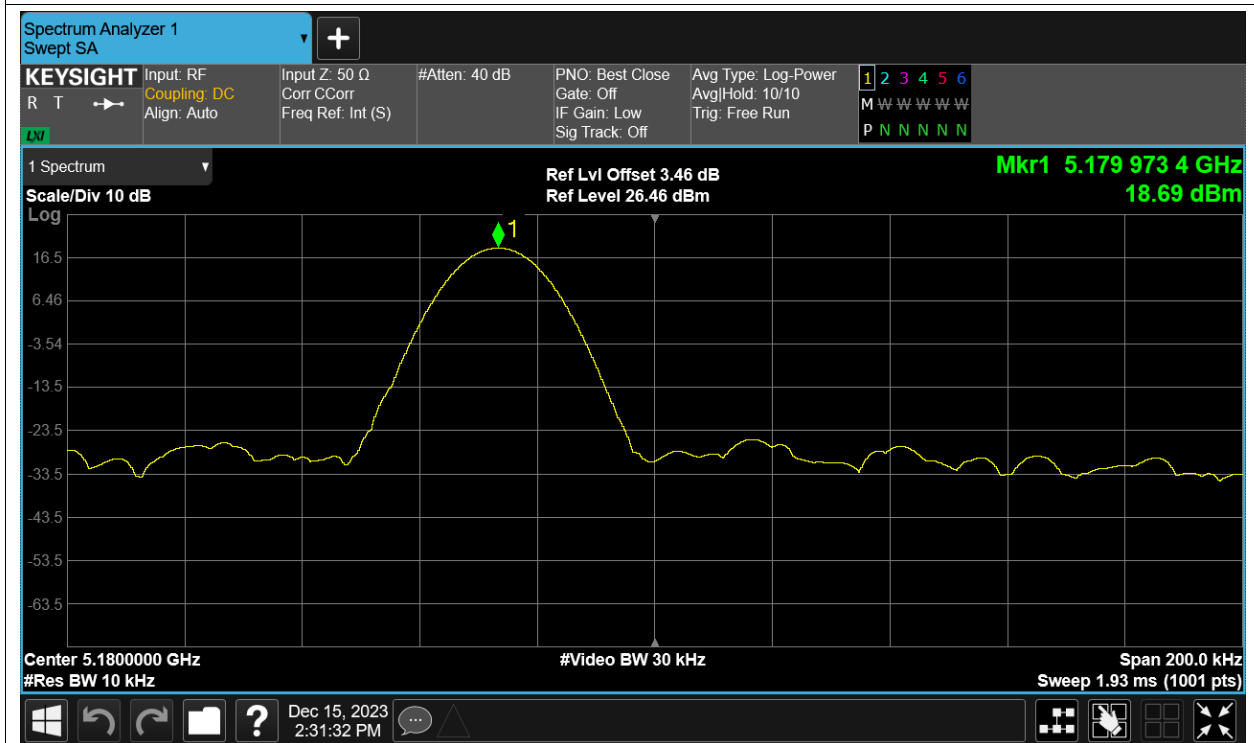
Freq. Stability LVNT a 5180MHz Ant0



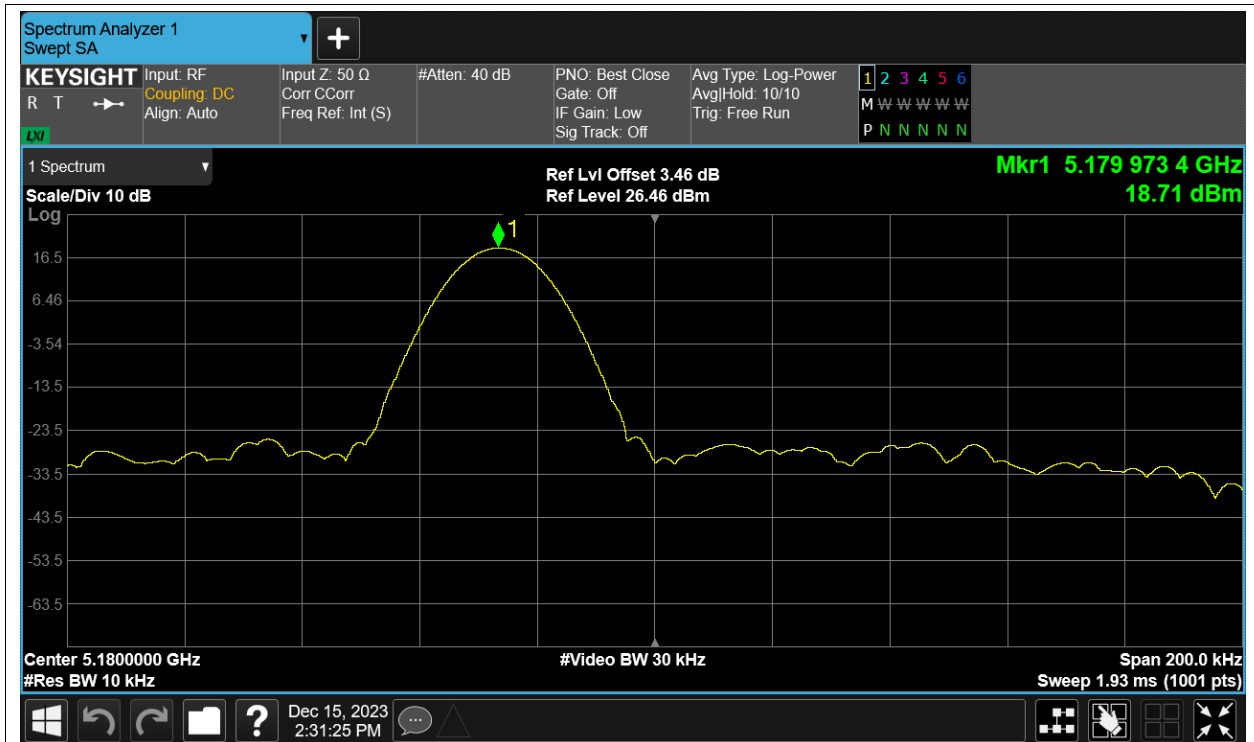
Freq. Stability NVHT a 5180MHz Ant0



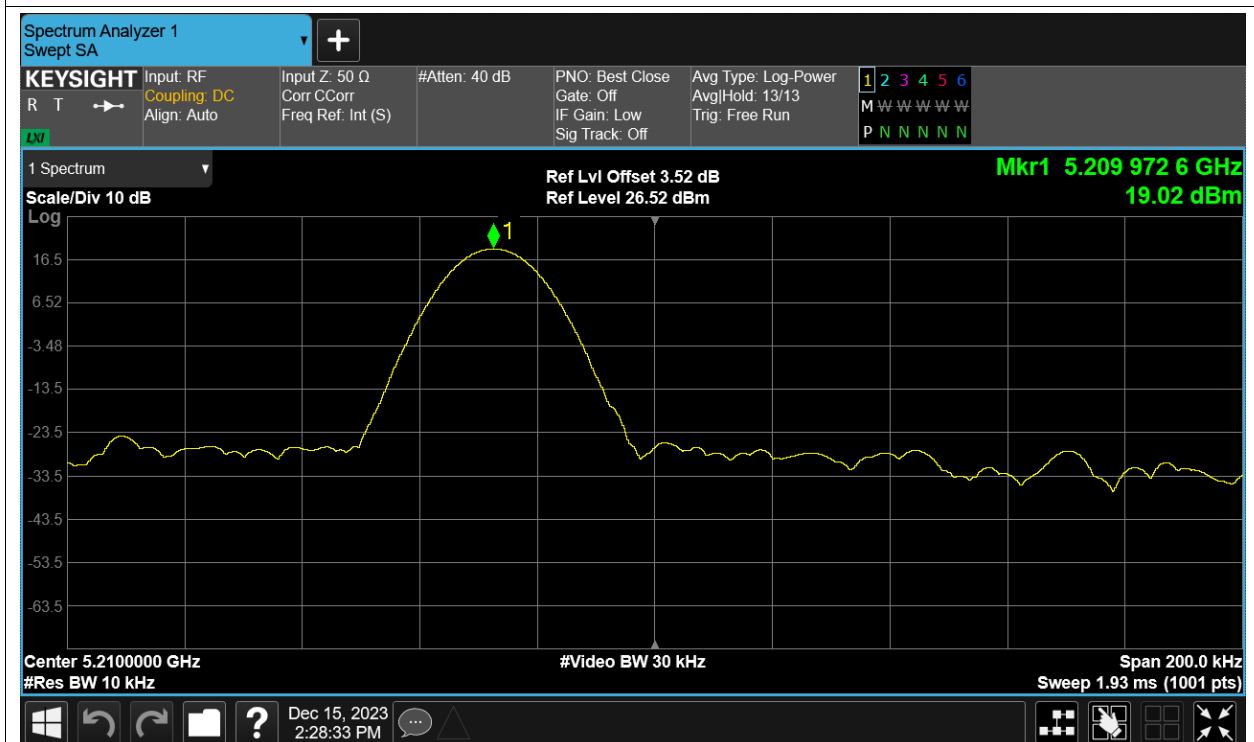
Freq. Stability NVLT a 5180MHz Ant0



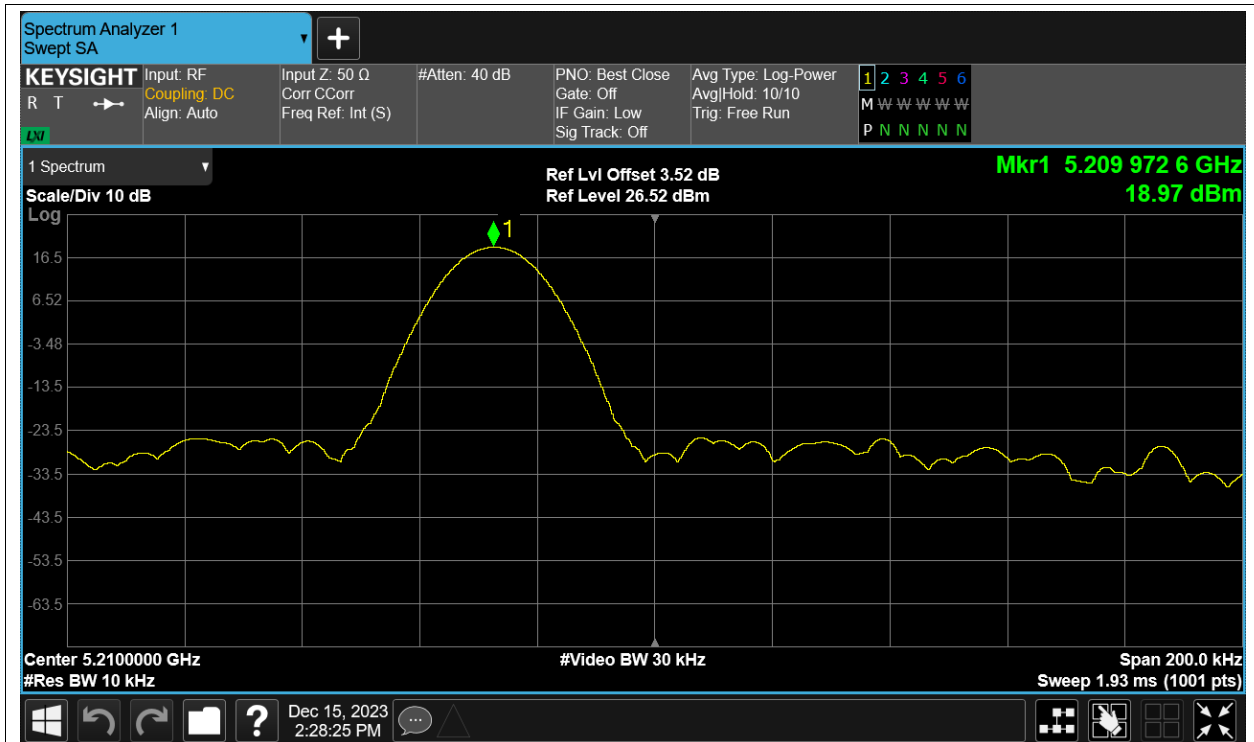
Freq. Stability NVNT a 5180MHz Ant0



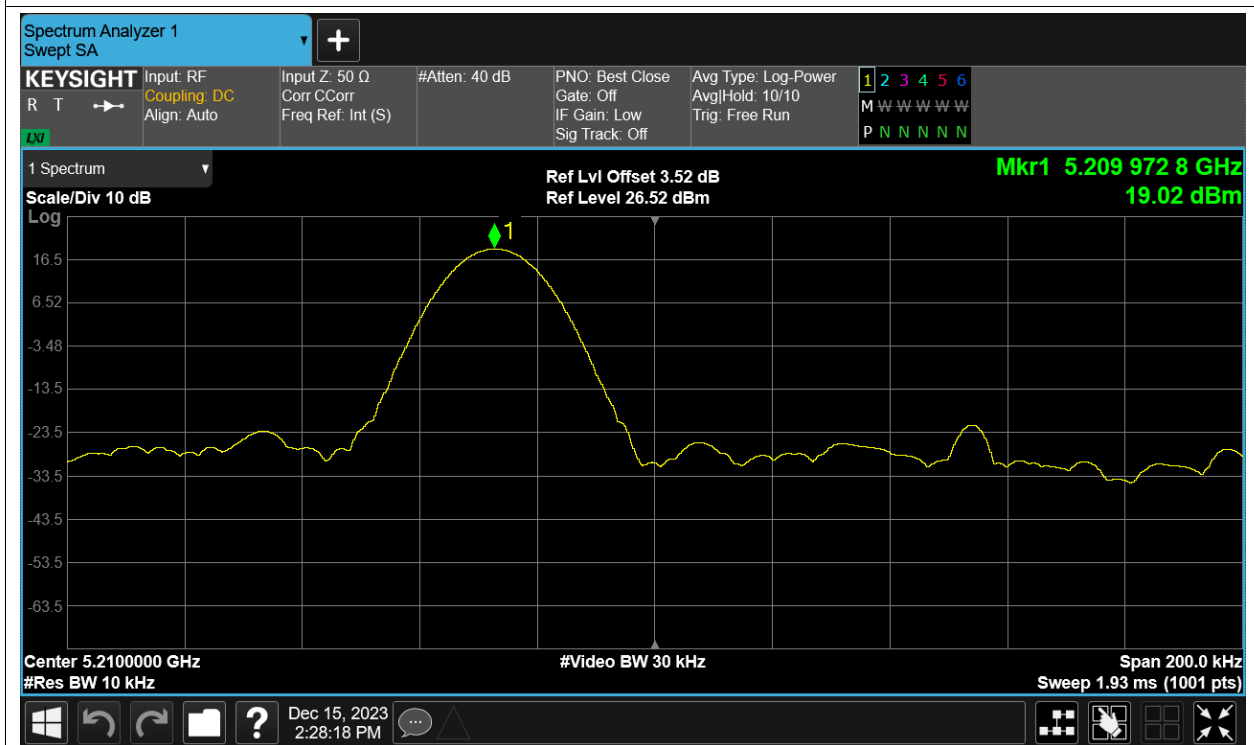
Freq. Stability HVNT ac80 5210MHz Ant0



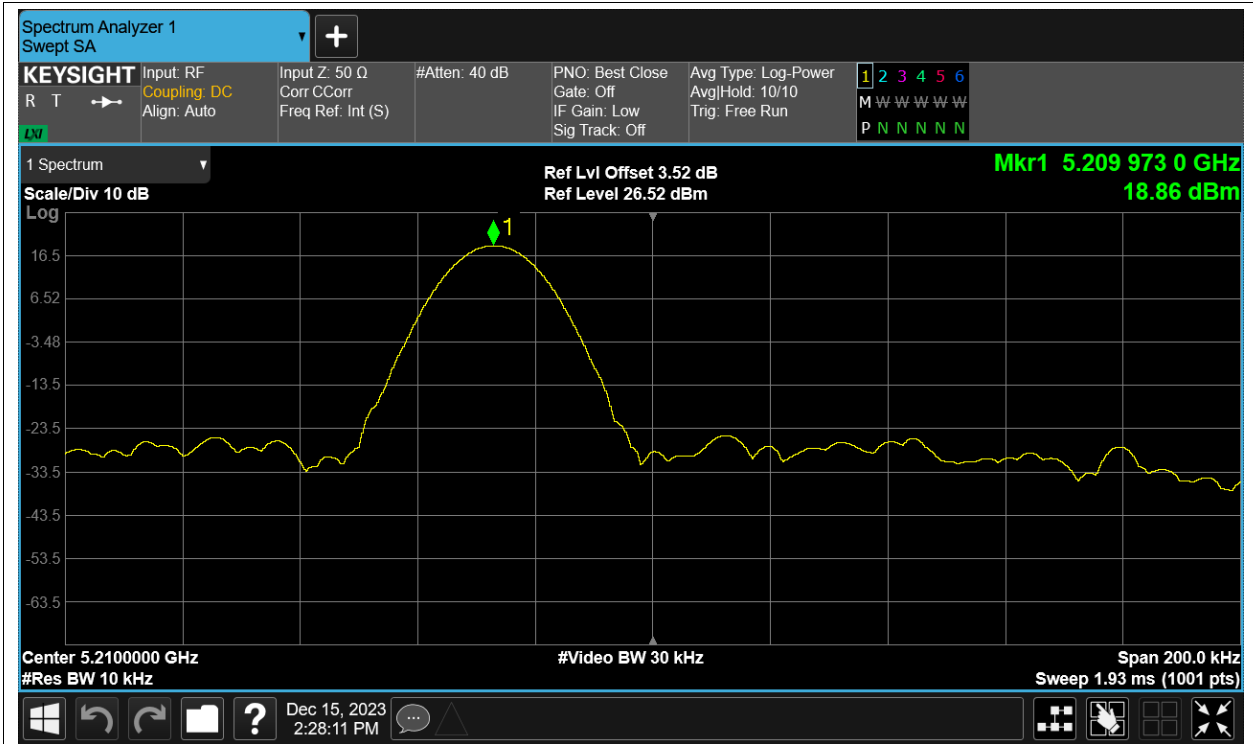
Freq. Stability LVNT ac80 5210MHz Ant0



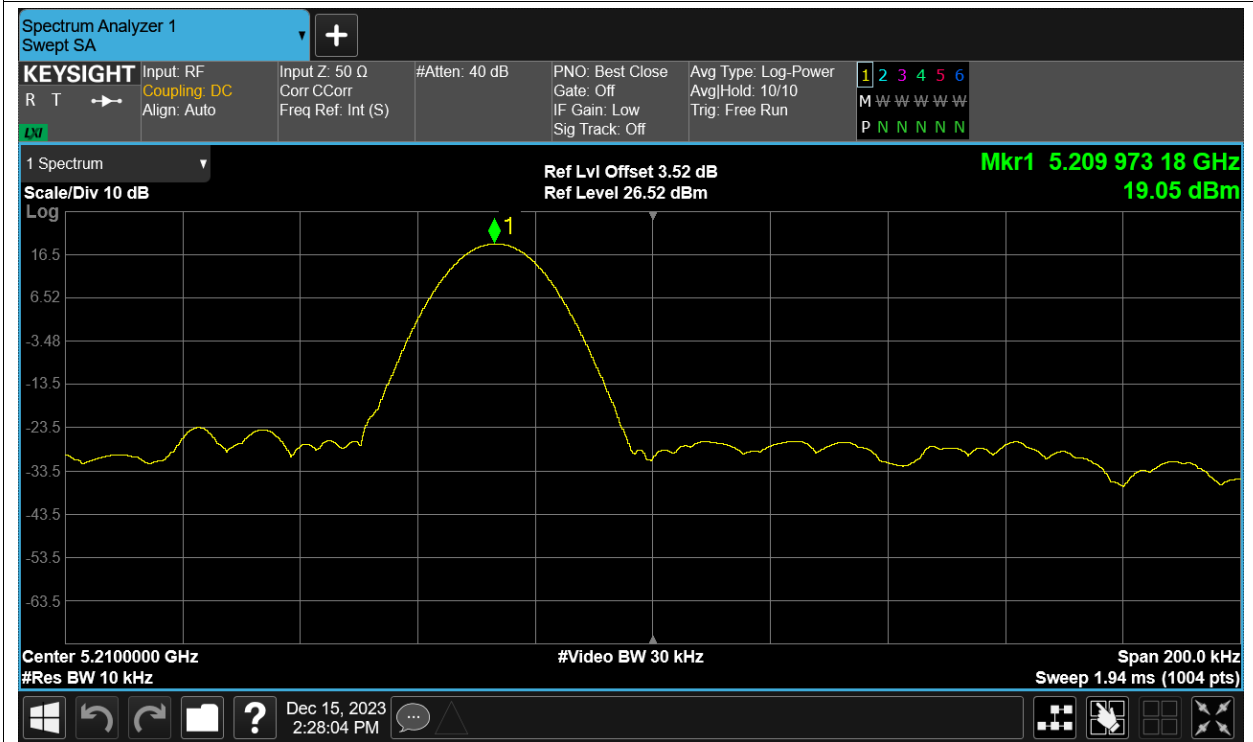
Freq. Stability NVHT ac80 5210MHz Ant0



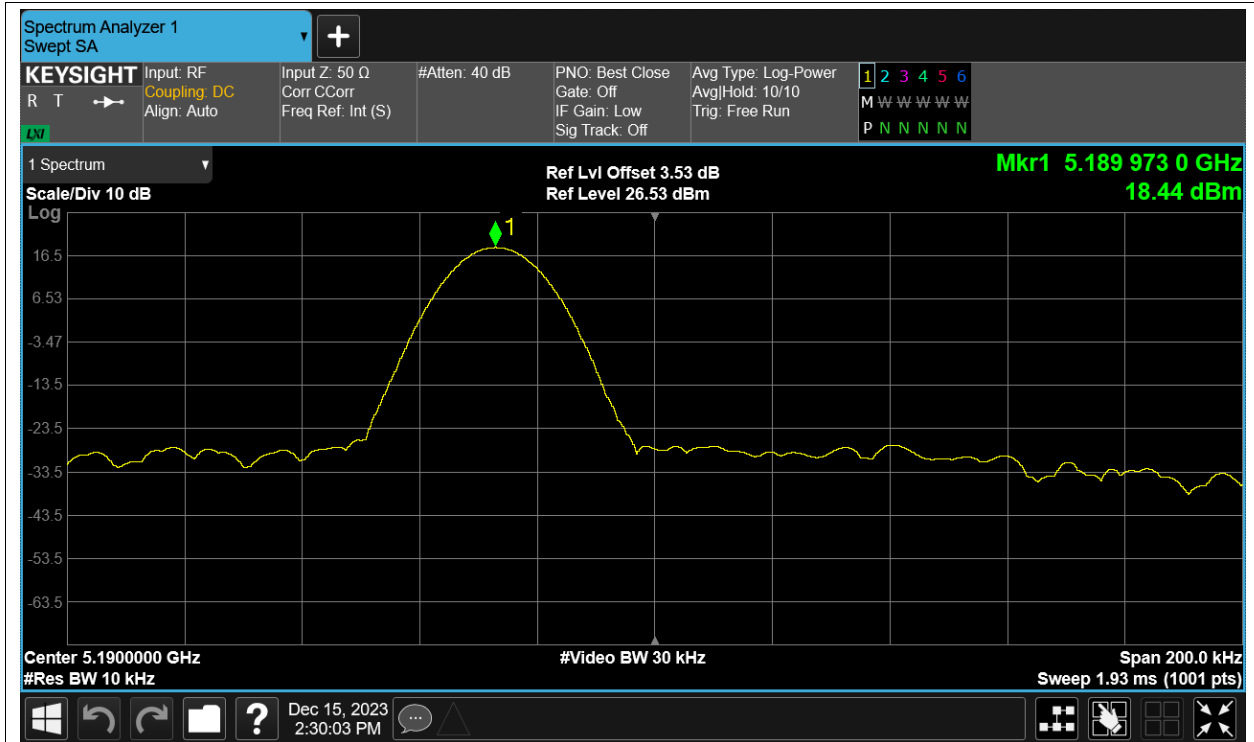
Freq. Stability NVLT ac80 5210MHz Ant0



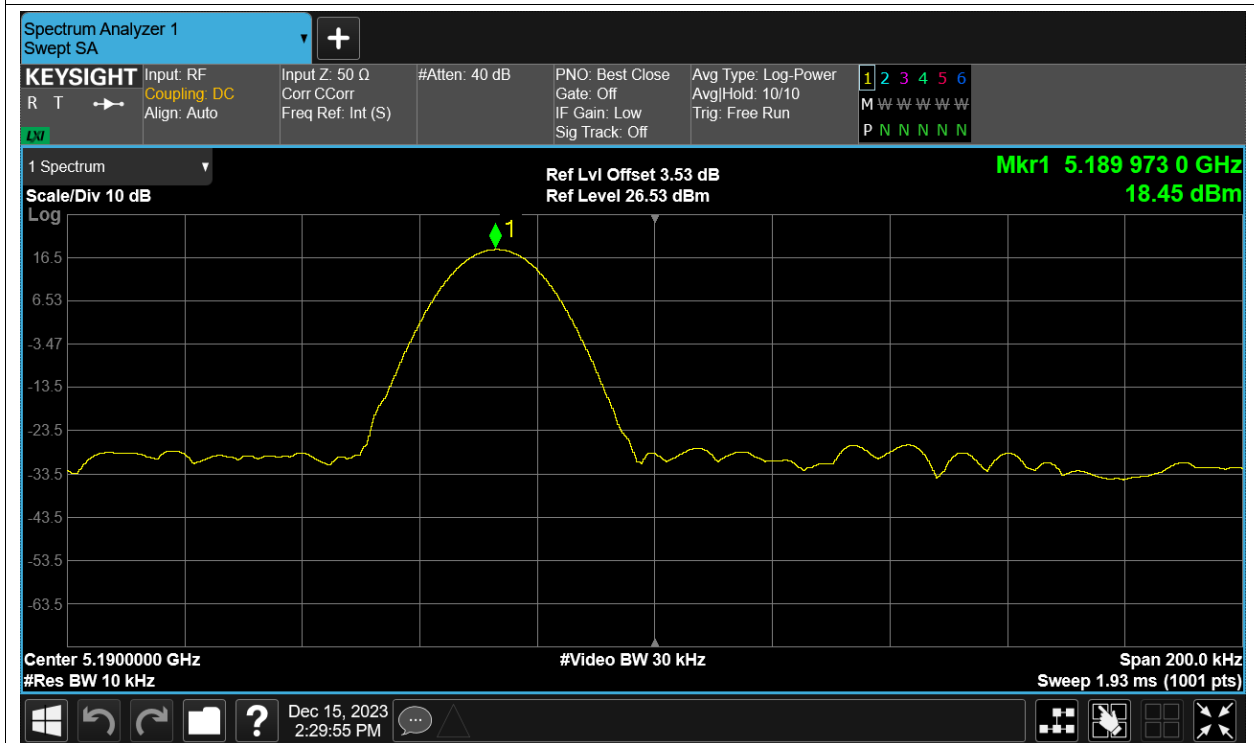
Freq. Stability NVNT ac80 5210MHz Ant0



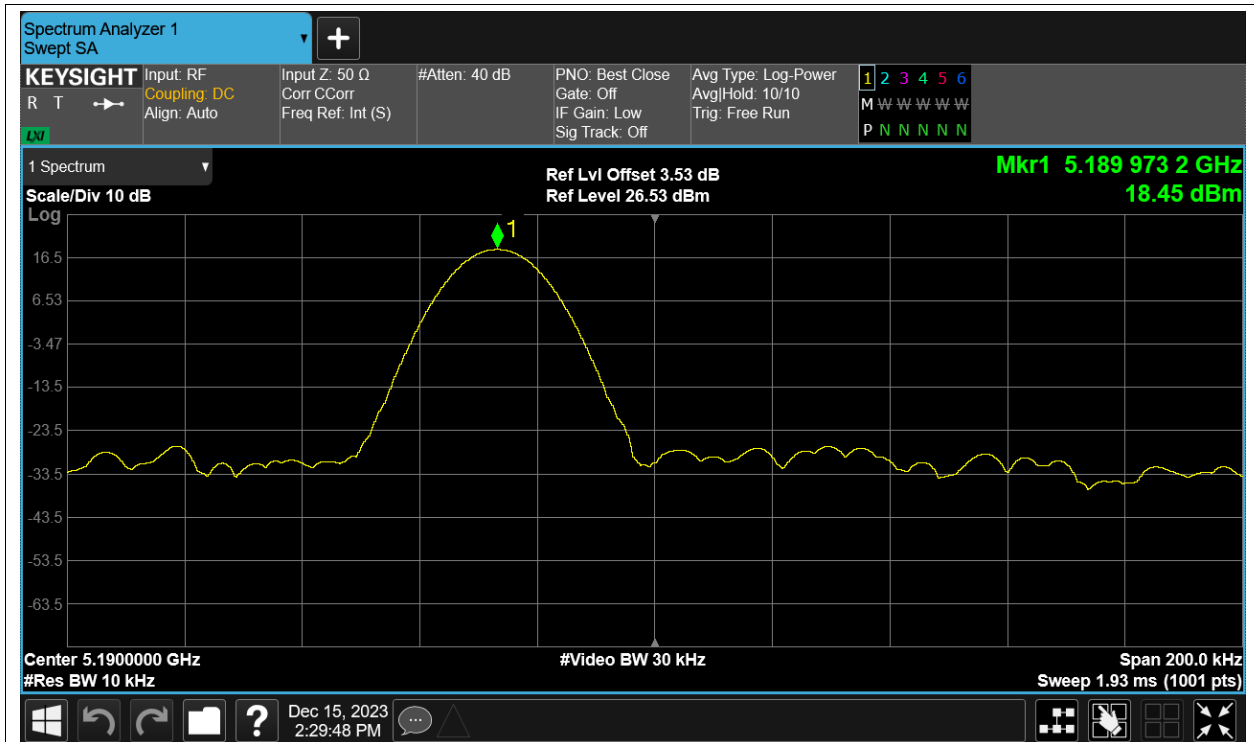
Freq. Stability HVNT n40 5190MHz Ant0



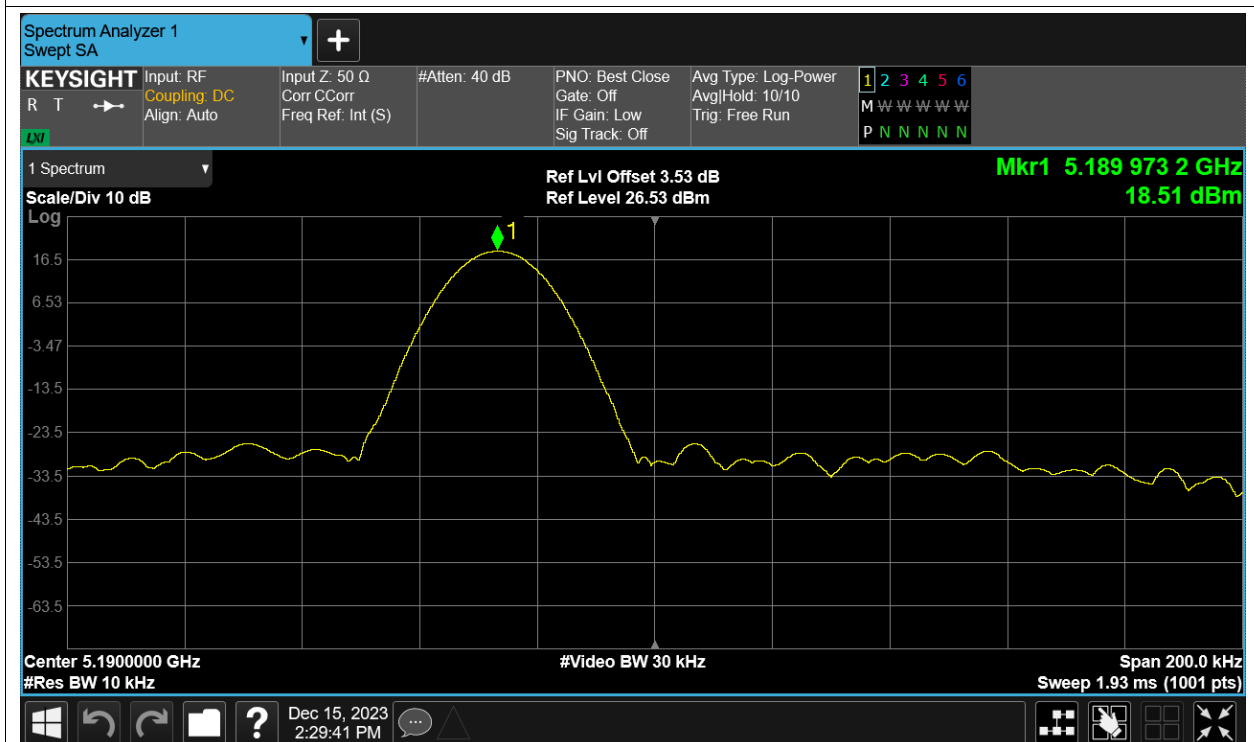
Freq. Stability LVNT n40 5190MHz Ant0



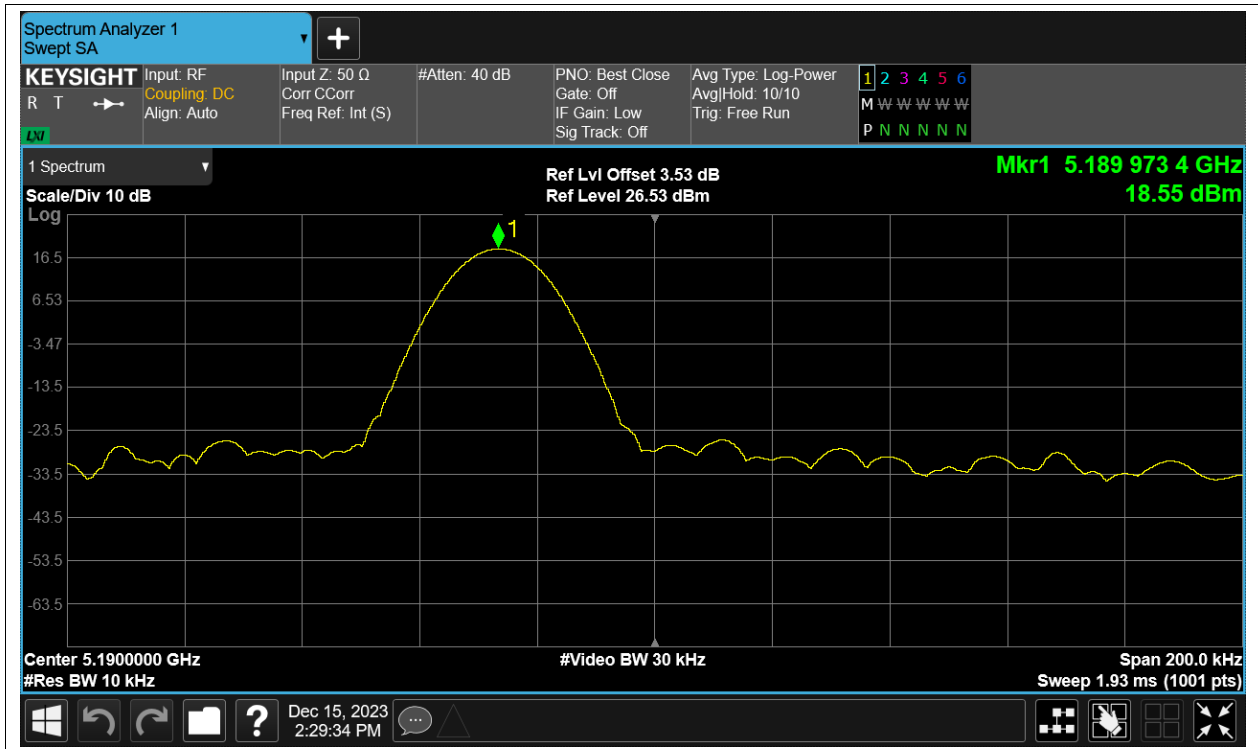
Freq. Stability NVHT n40 5190MHz Ant0



Freq. Stability NVLT n40 5190MHz Ant0



Freq. Stability NVNT n40 5190MHz Ant0

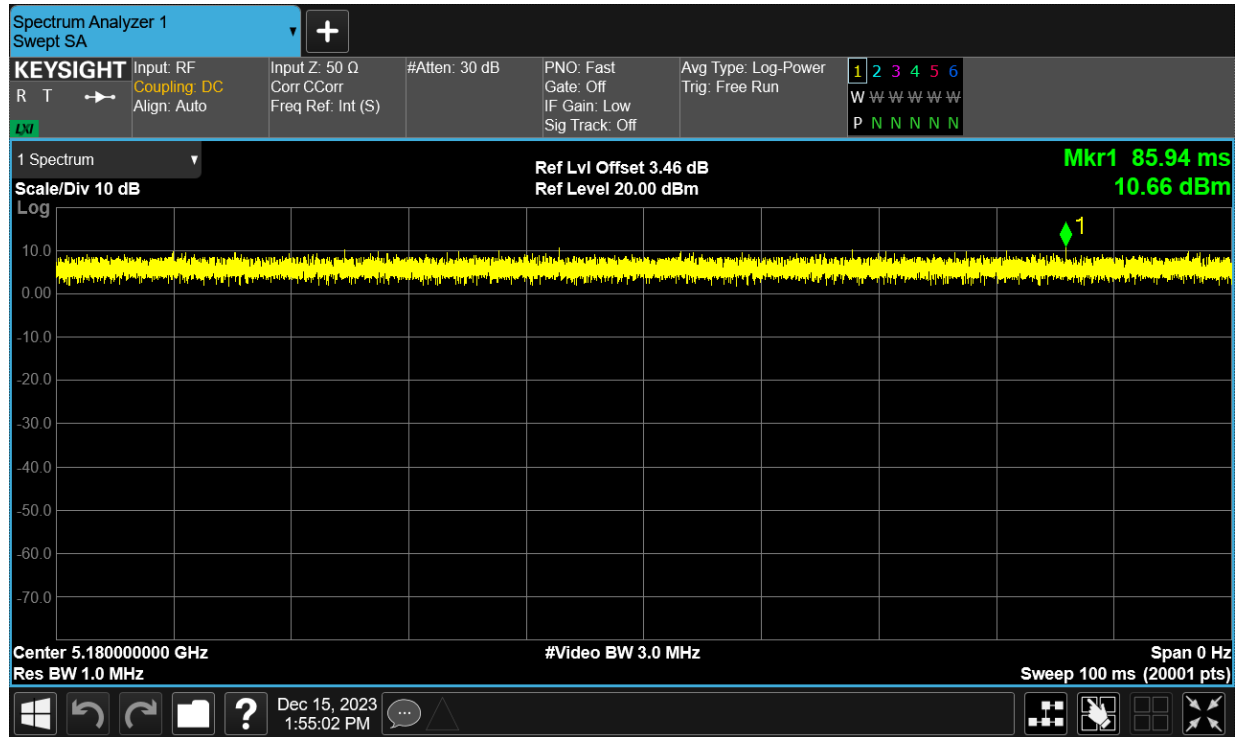


Duty Cycle

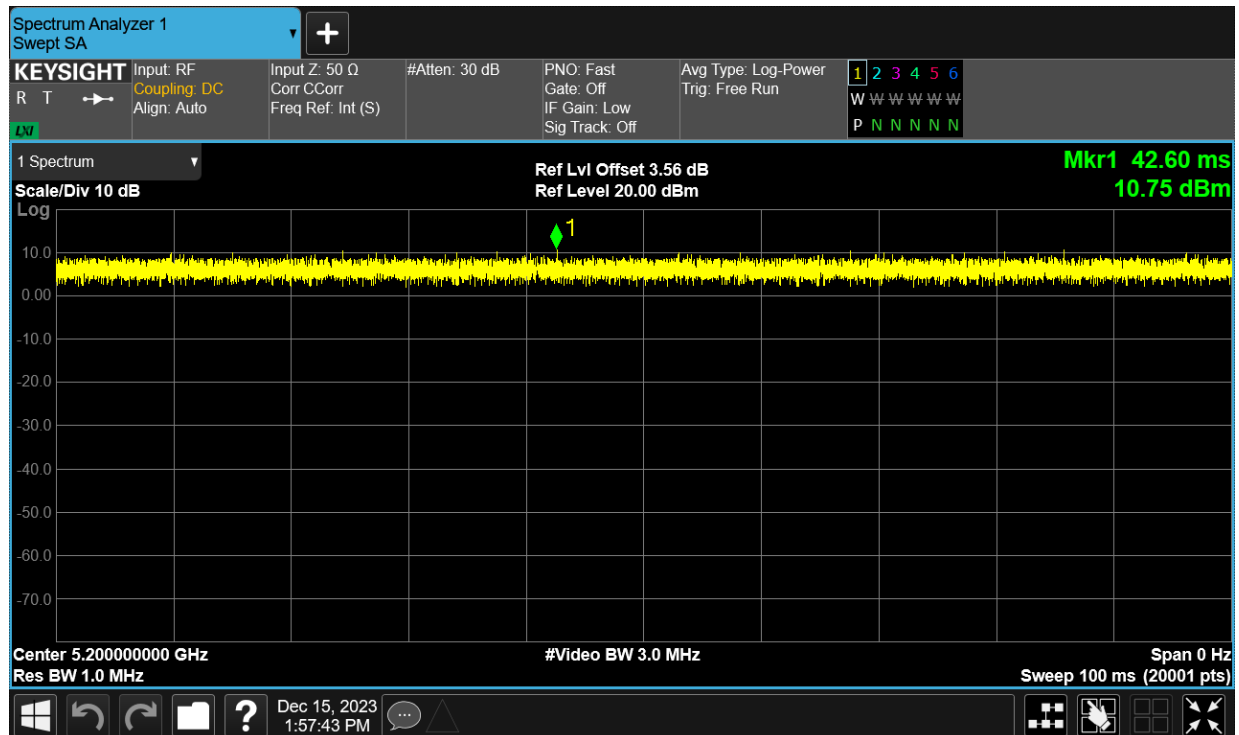
Condition	Mode	Frequency (MHz)	Antenna	Duty Cycle (%)	Correction Factor (dB)
NVNT	a	5180	Ant0	100	0
NVNT	a	5200	Ant0	100	0
NVNT	a	5240	Ant0	100	0
NVNT	ac20	5180	Ant0	100	0
NVNT	ac20	5200	Ant0	100	0
NVNT	ac20	5240	Ant0	100	0
NVNT	ac40	5190	Ant0	100	0
NVNT	ac40	5230	Ant0	100	0
NVNT	ac80	5210	Ant0	100	0
NVNT	n20	5180	Ant0	100	0
NVNT	n20	5200	Ant0	100	0
NVNT	n20	5240	Ant0	100	0
NVNT	n40	5190	Ant0	100	0
NVNT	n40	5230	Ant0	100	0

Test Graphs

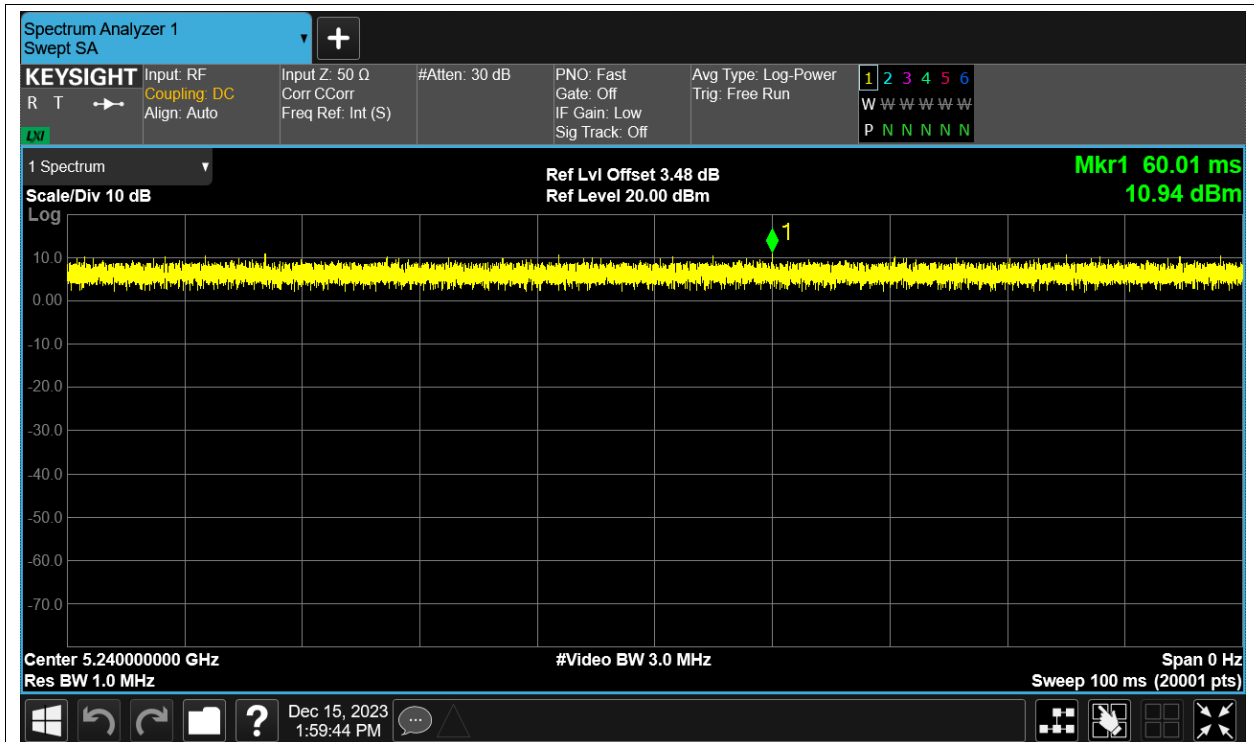
Duty Cycle NVNT a 5180MHz Ant0



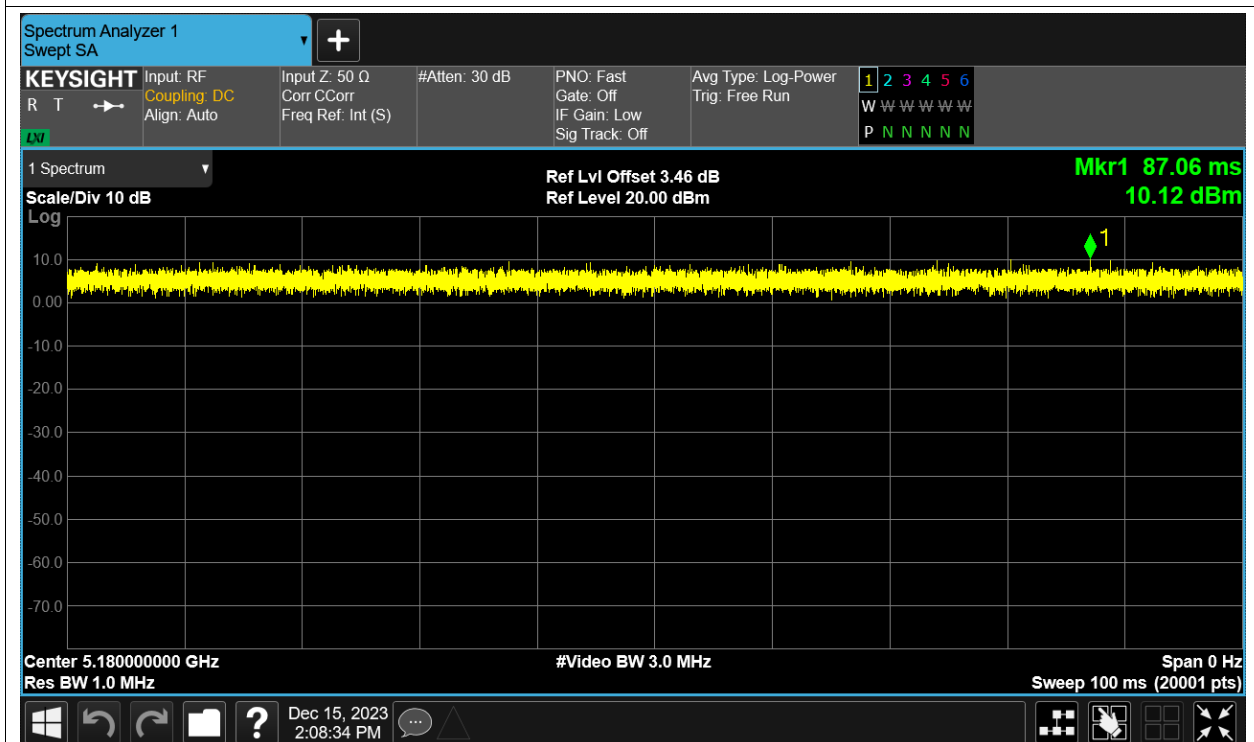
Duty Cycle NVNT a 5200MHz Ant0



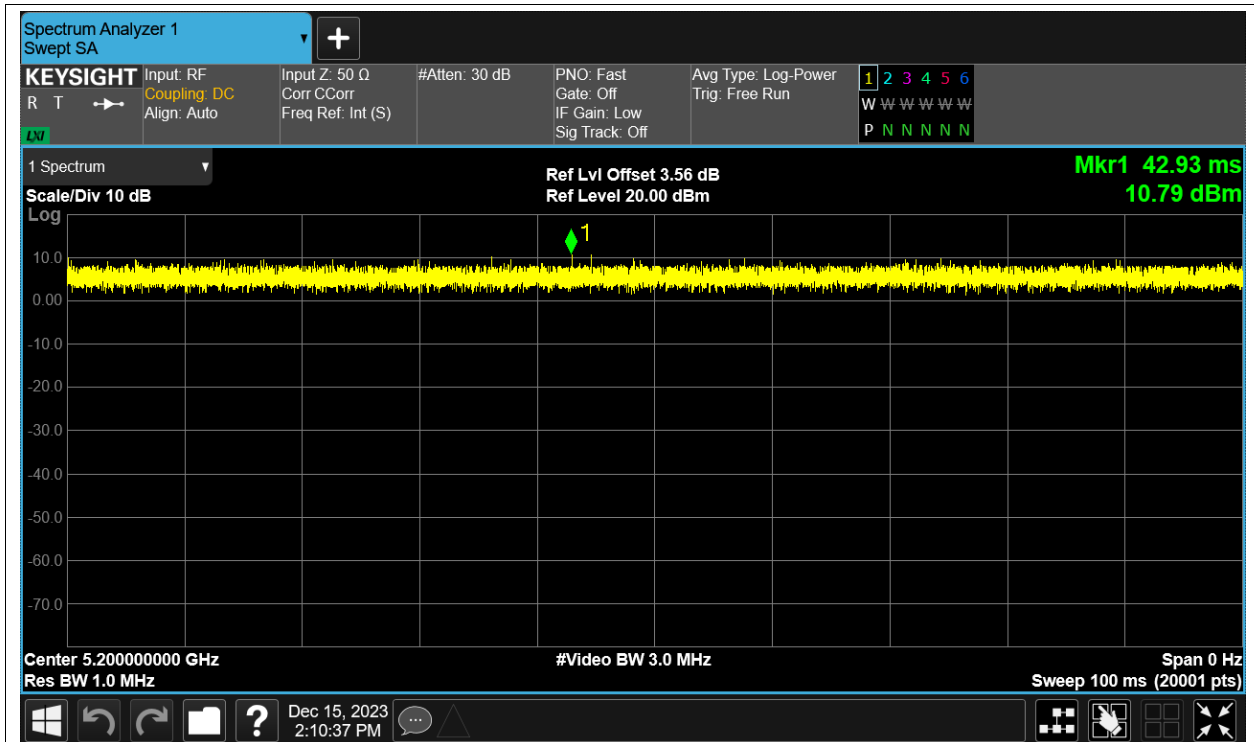
Duty Cycle NVNT a 5240MHz Ant0



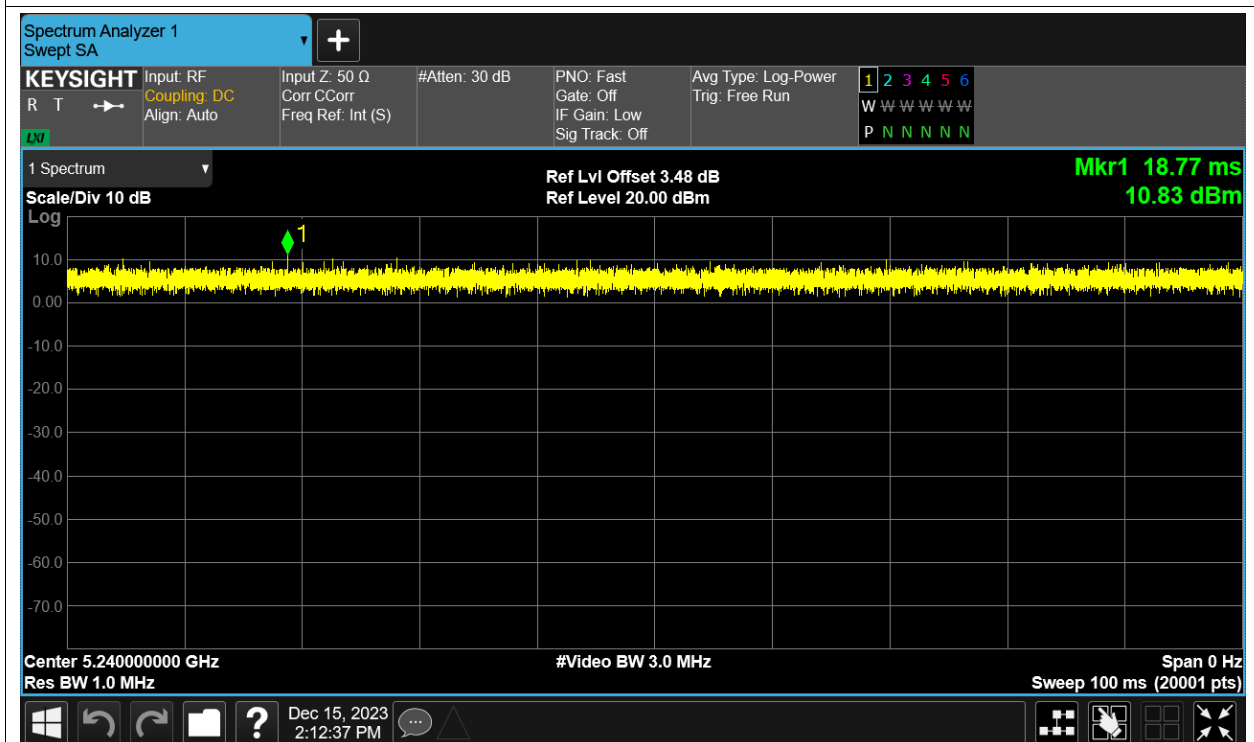
Duty Cycle NVNT ac20 5180MHz Ant0



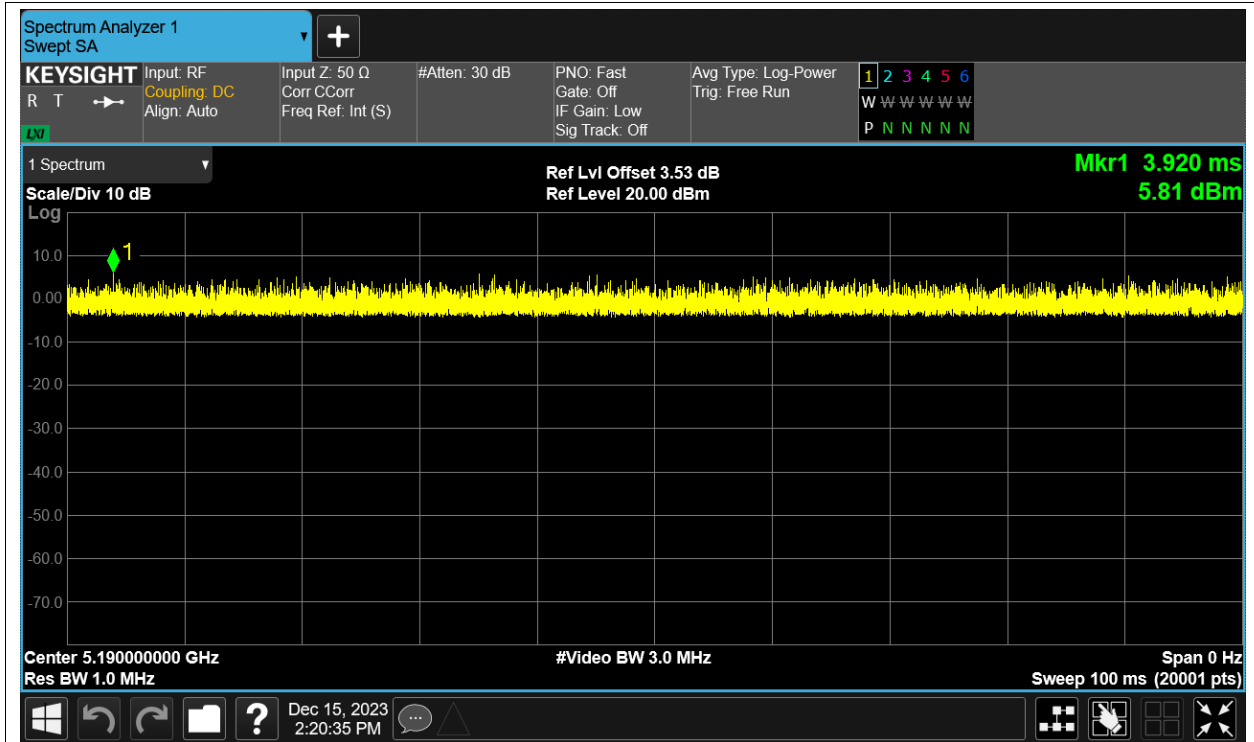
Duty Cycle NVNT ac20 5200MHz Ant0



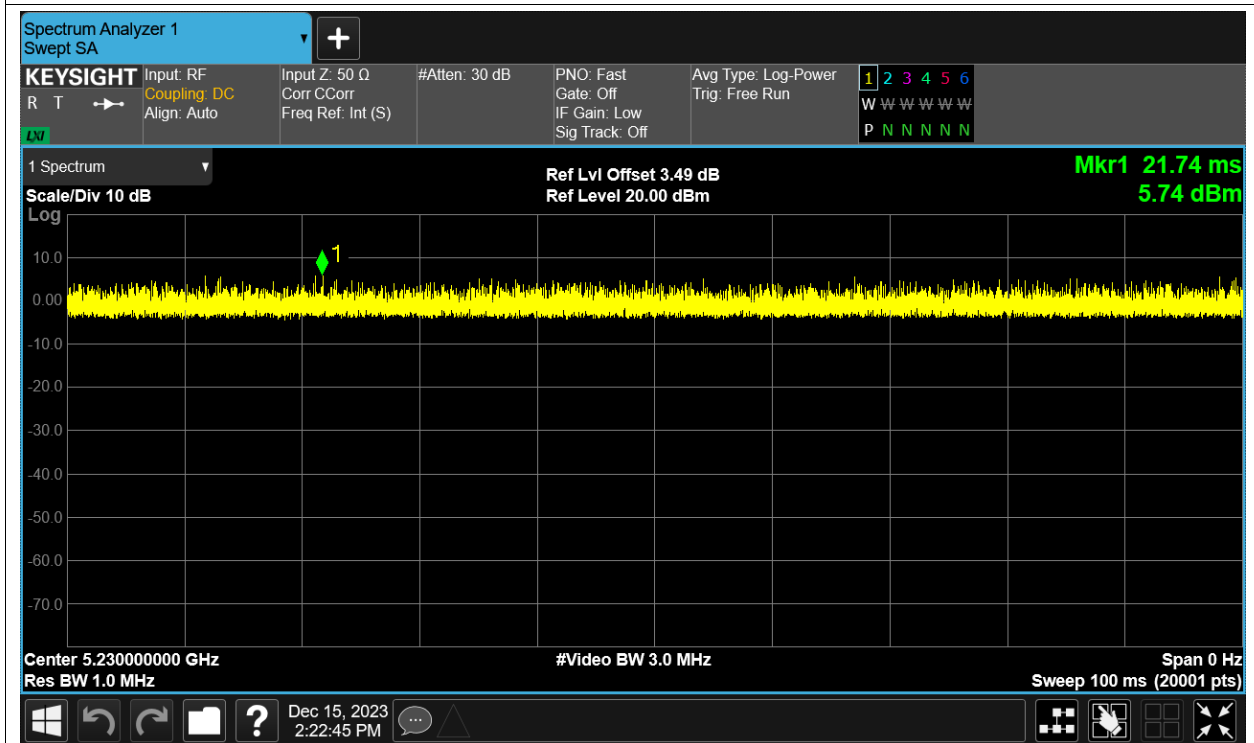
Duty Cycle NVNT ac20 5240MHz Ant0



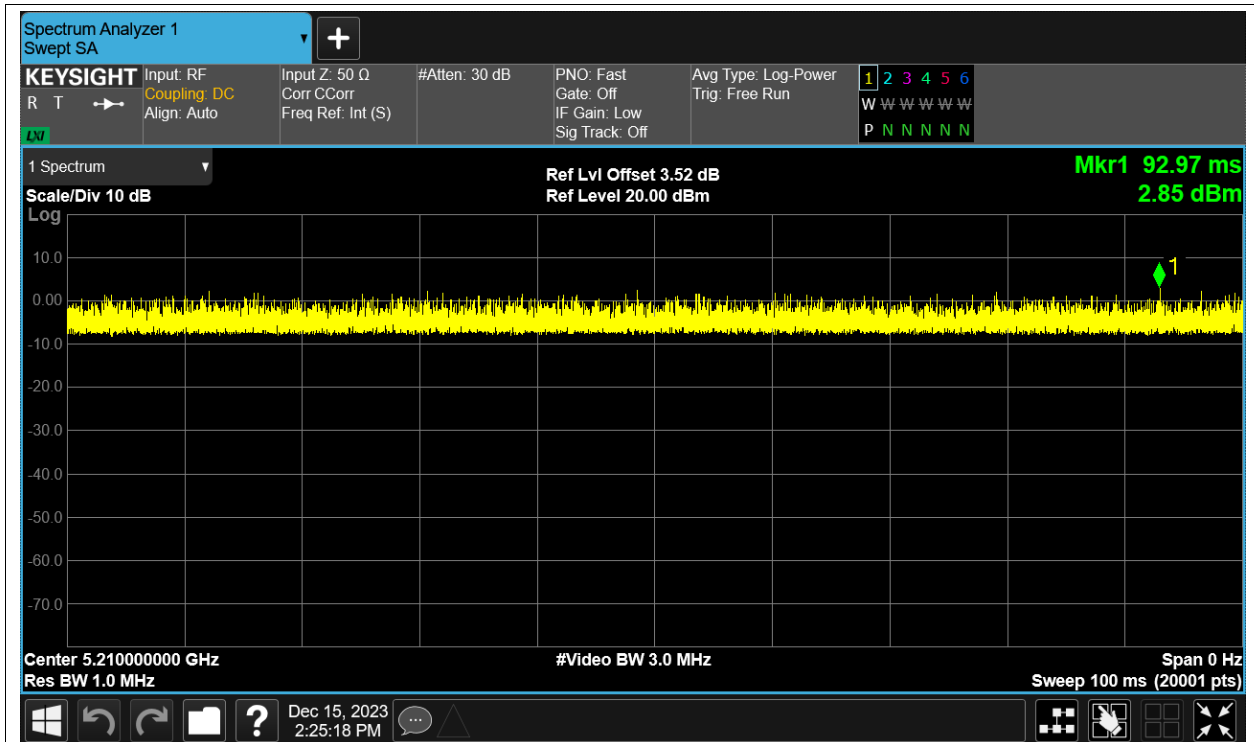
Duty Cycle NVNT ac40 5190MHz Ant0



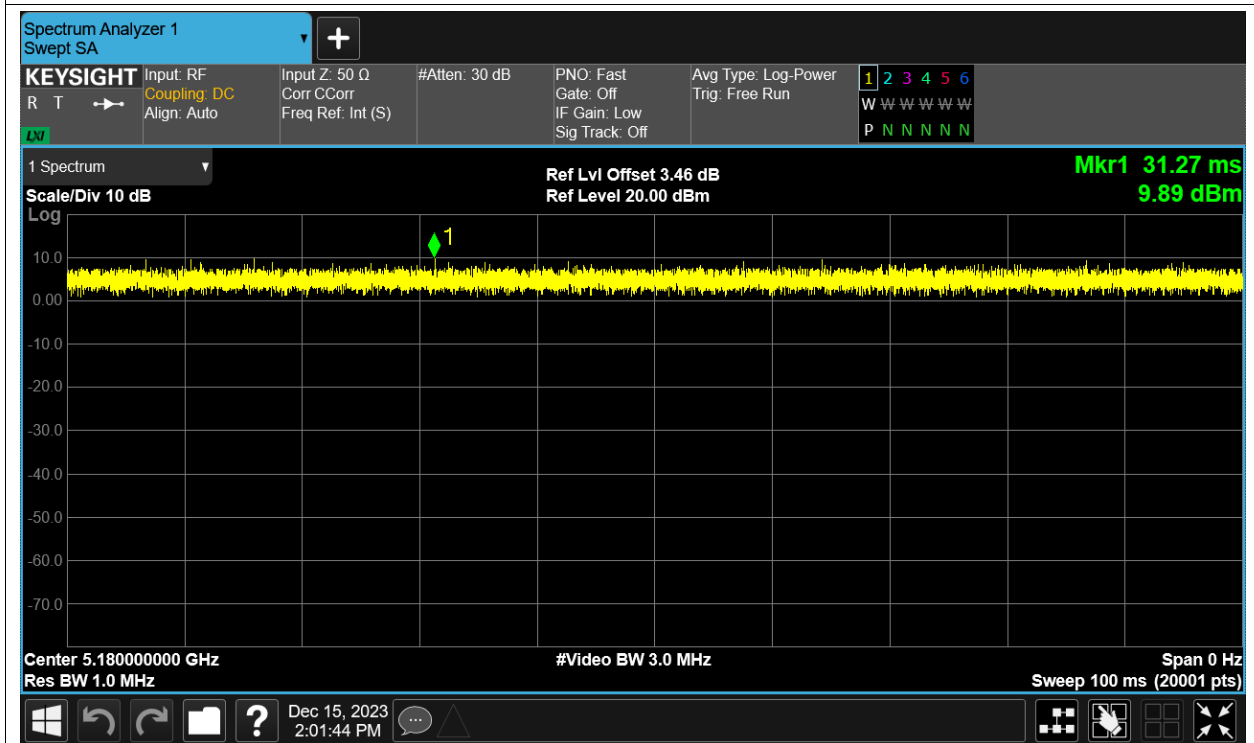
Duty Cycle NVNT ac40 5230MHz Ant0



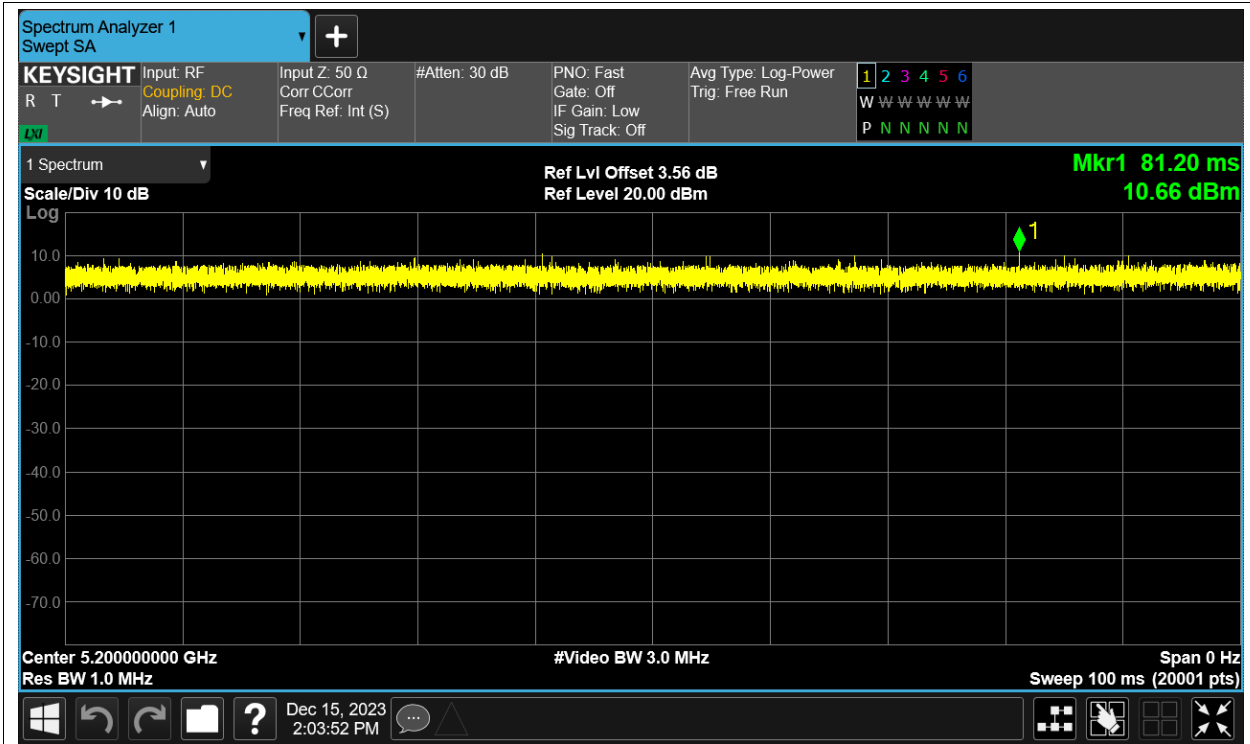
Duty Cycle NVNT ac80 5210MHz Ant0



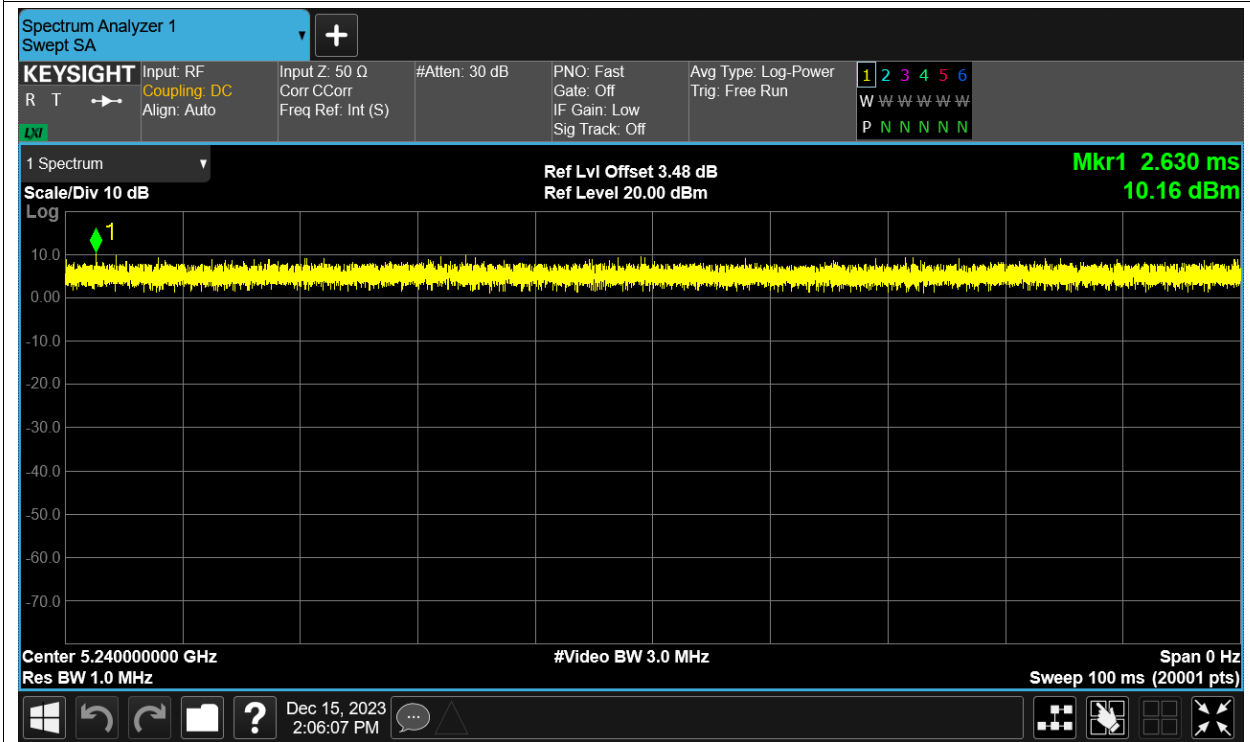
Duty Cycle NVNT n20 5180MHz Ant0



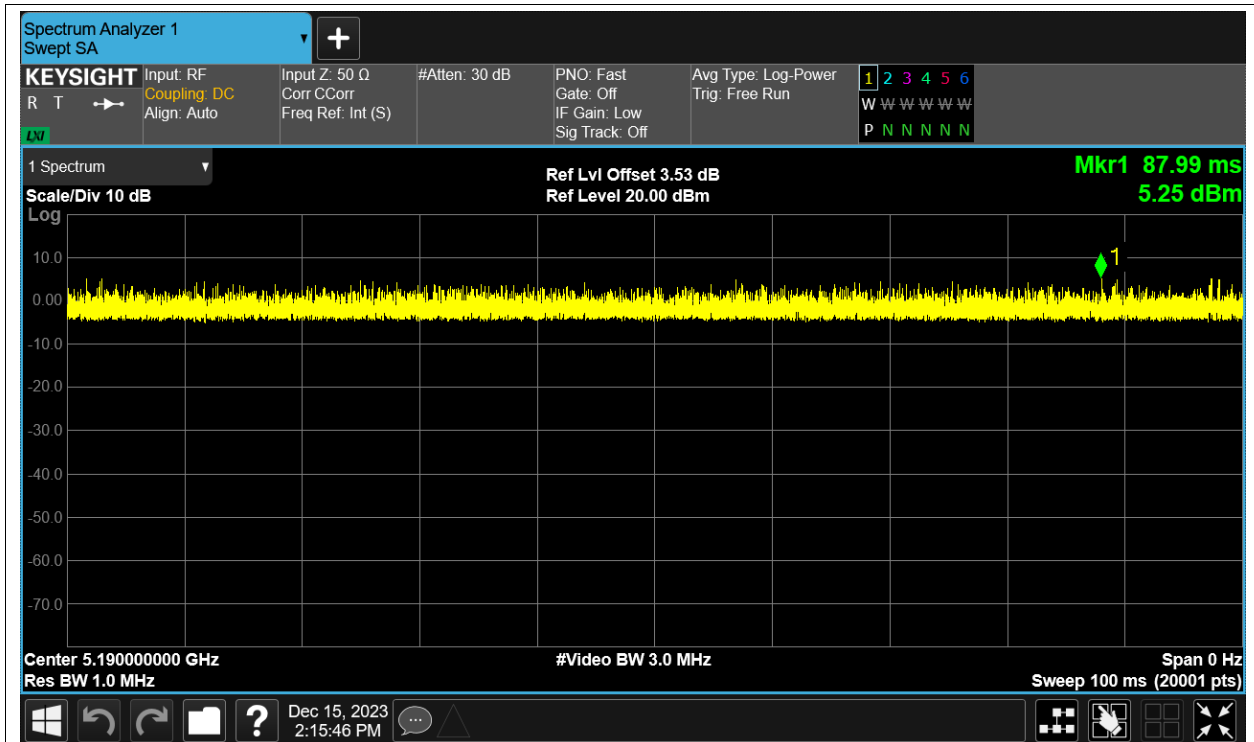
Duty Cycle NVNT n20 5200MHz Ant0



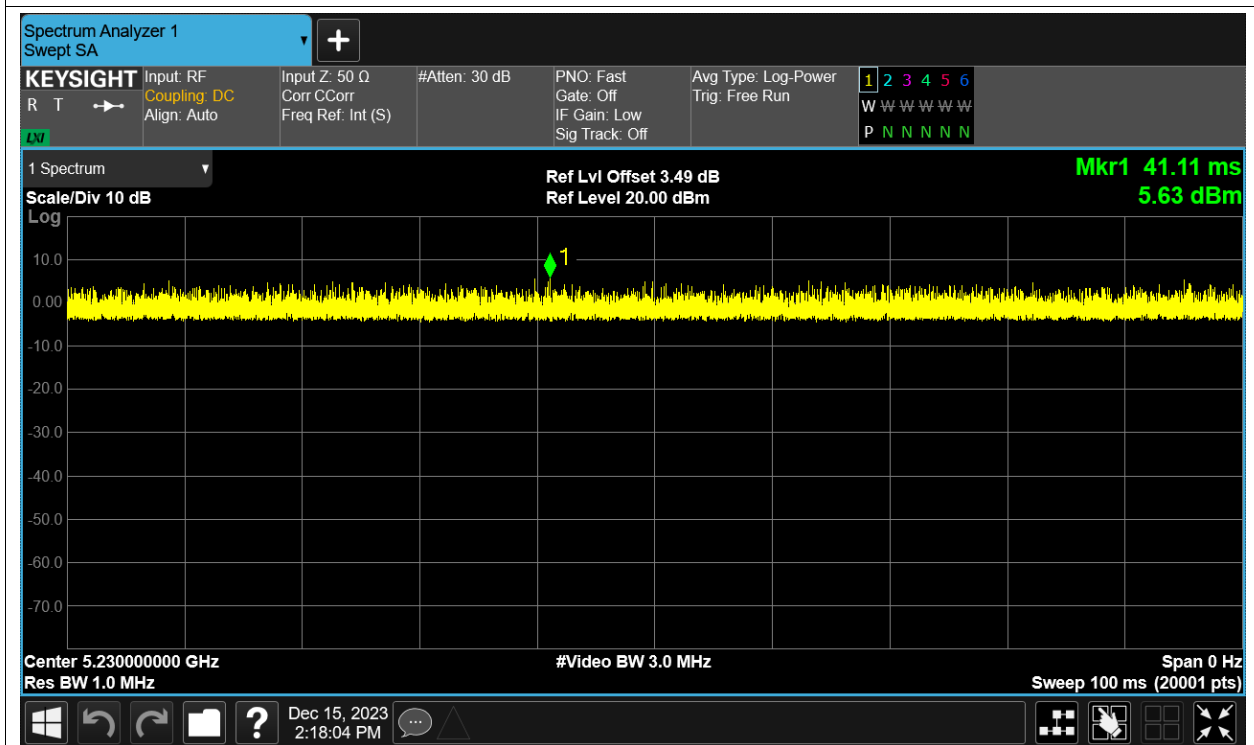
Duty Cycle NVNT n20 5240MHz Ant0



Duty Cycle NVNT n40 5190MHz Ant0



Duty Cycle NVNT n40 5230MHz Ant0



Maximum Conducted Output Power

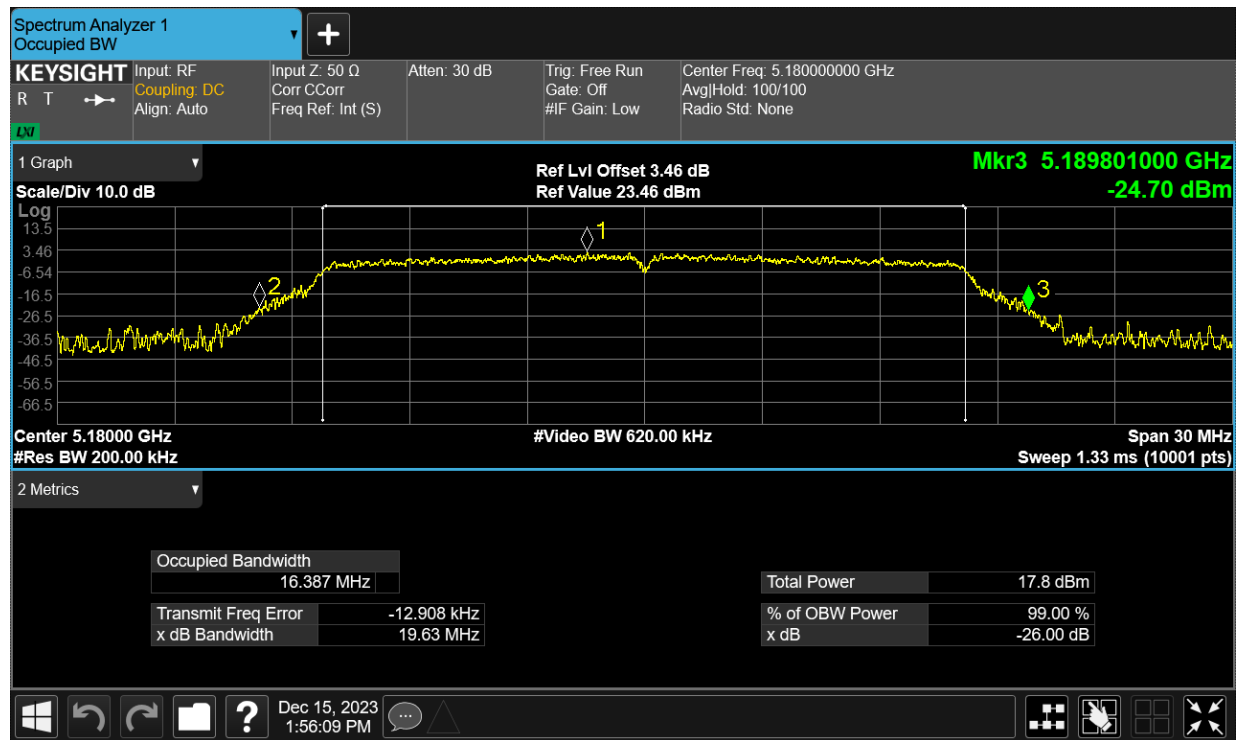
Condition	Mode	Frequency (MHz)	Antenna	Conducted Power (dBm)	Duty Factor (dB)	Total Power (dBm)	Limit (dBm)	Verdict
NVNT	a	5180	Ant0	13.47	0	13.47	24	Pass
NVNT	a	5200	Ant0	13.35	0	13.35	24	Pass
NVNT	a	5240	Ant0	13.73	0	13.73	24	Pass
NVNT	ac20	5180	Ant0	12.96	0	12.96	24	Pass
NVNT	ac20	5200	Ant0	13.08	0	13.08	24	Pass
NVNT	ac20	5240	Ant0	13.14	0	13.14	24	Pass
NVNT	ac40	5190	Ant0	13.13	0	13.13	24	Pass
NVNT	ac40	5230	Ant0	12.81	0	12.81	24	Pass
NVNT	ac80	5210	Ant0	12.6	0	12.6	24	Pass
NVNT	n20	5180	Ant0	12.65	0	12.65	24	Pass
NVNT	n20	5200	Ant0	12.79	0	12.79	24	Pass
NVNT	n20	5240	Ant0	12.93	0	12.93	24	Pass
NVNT	n40	5190	Ant0	12.48	0	12.48	24	Pass
NVNT	n40	5230	Ant0	12.59	0	12.59	24	Pass

-26dB Bandwidth

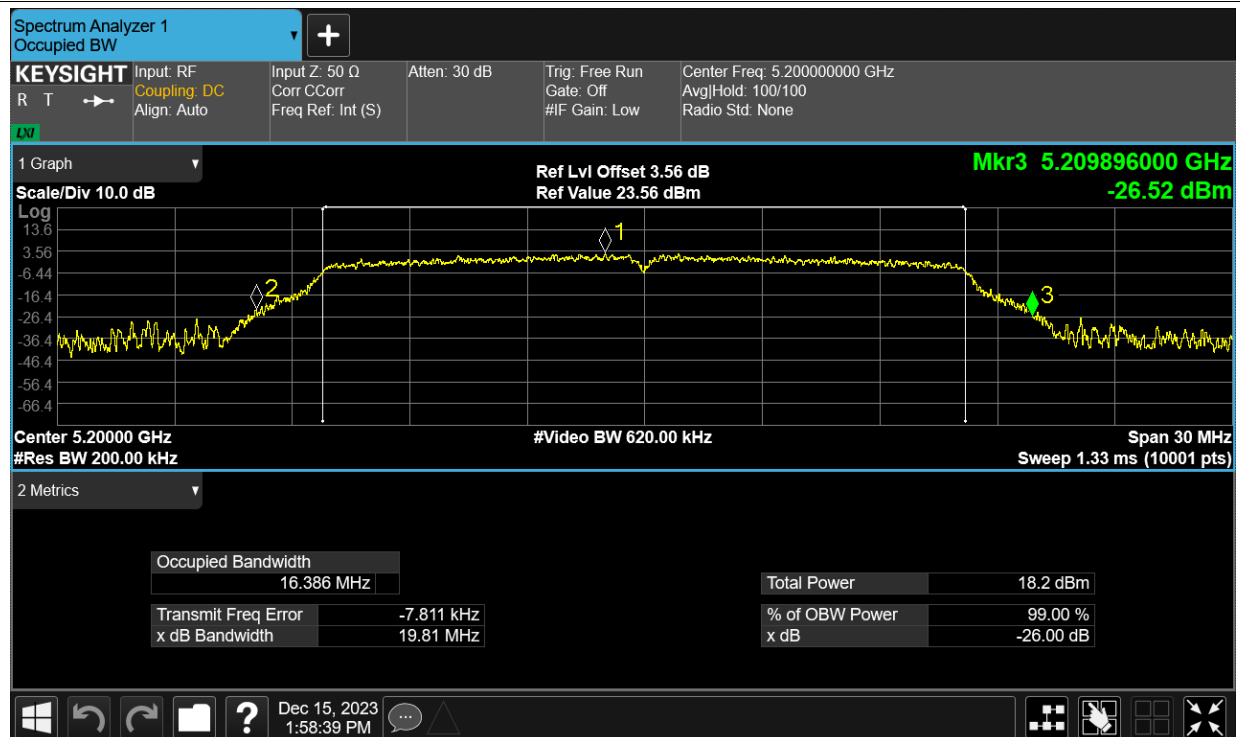
Condition	Mode	Frequency (MHz)	Antenna	-26 dB Bandwidth (MHz)
NVNT	a	5180	Ant0	19.628
NVNT	a	5200	Ant0	19.808
NVNT	a	5240	Ant0	19.492
NVNT	ac20	5180	Ant0	20.05
NVNT	ac20	5200	Ant0	20.063
NVNT	ac20	5240	Ant0	20.011
NVNT	ac40	5190	Ant0	39.119
NVNT	ac40	5230	Ant0	39.692
NVNT	ac80	5210	Ant0	78.916
NVNT	n20	5180	Ant0	20.184
NVNT	n20	5200	Ant0	19.951
NVNT	n20	5240	Ant0	20.035
NVNT	n40	5190	Ant0	39.444
NVNT	n40	5230	Ant0	39.129

Test Graphs

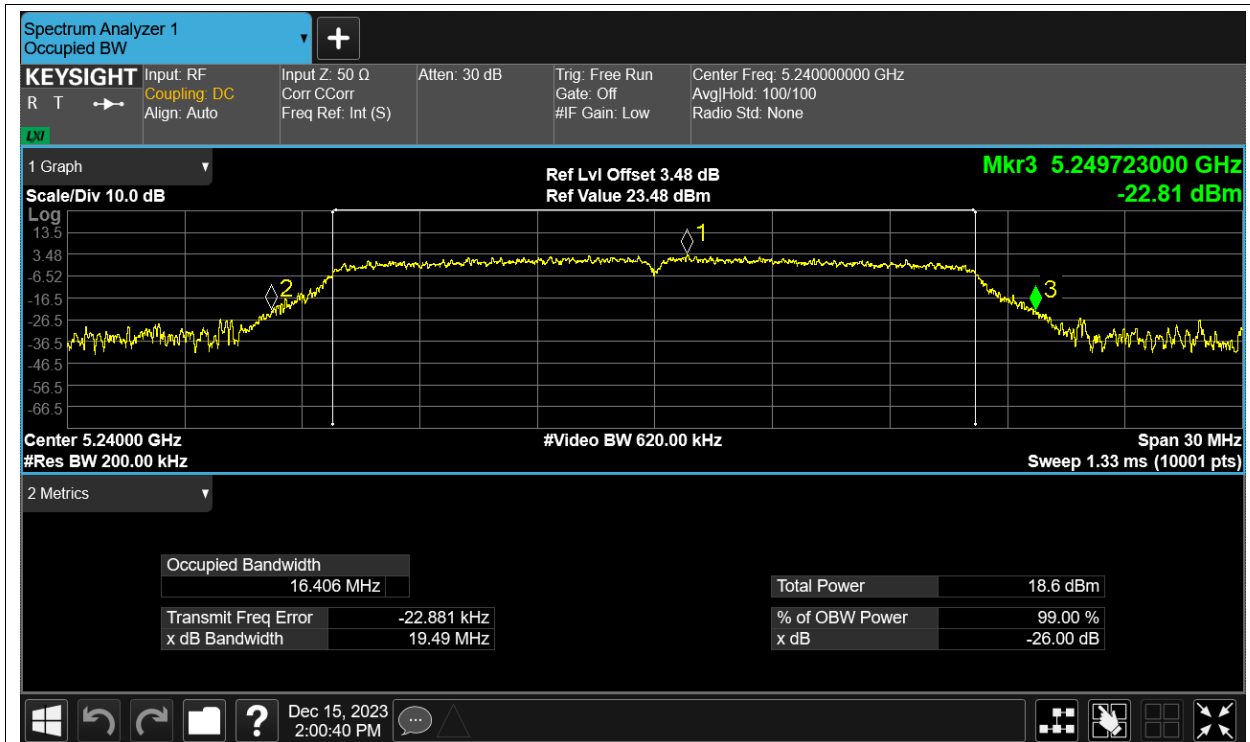
-26dB Bandwidth NVNT a 5180MHz Ant0



-26dB Bandwidth NVNT a 5200MHz Ant0



-26dB Bandwidth NVNT a 5240MHz Ant0



-26dB Bandwidth NVNT ac20 5180MHz Ant0



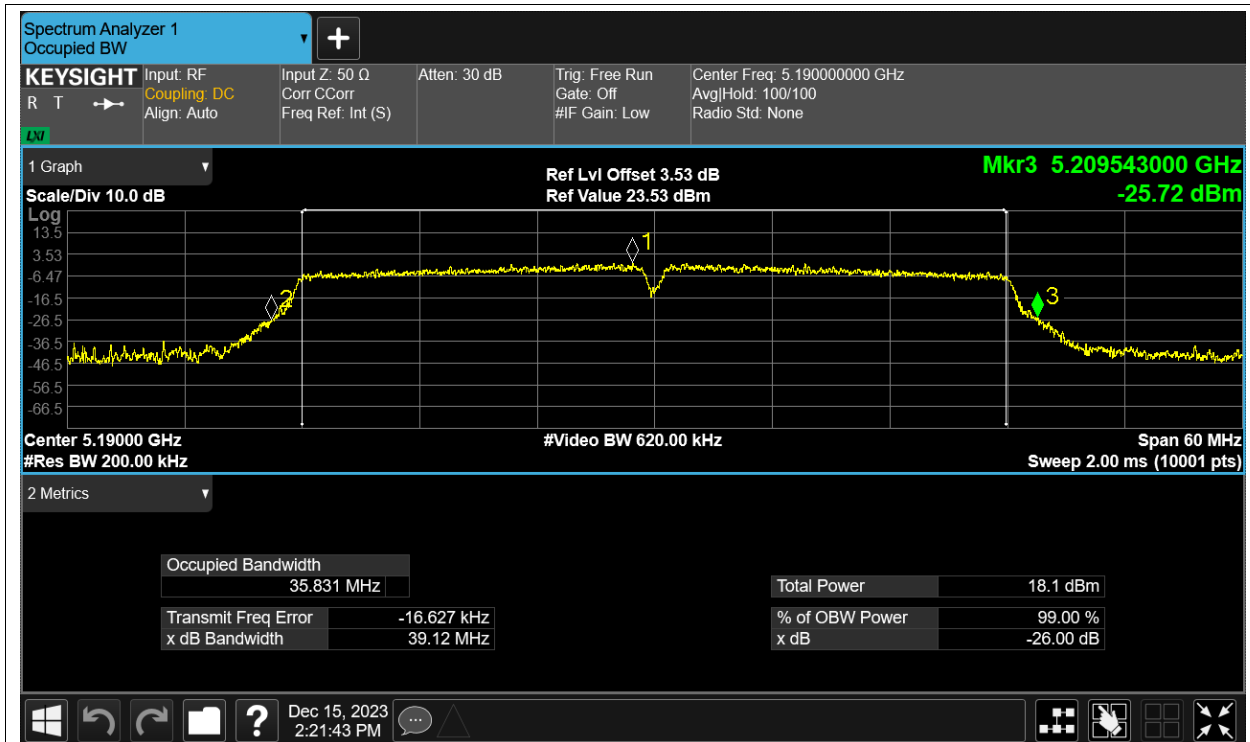
-26dB Bandwidth NVNT ac20 5200MHz Ant0



-26dB Bandwidth NVNT ac20 5240MHz Ant0



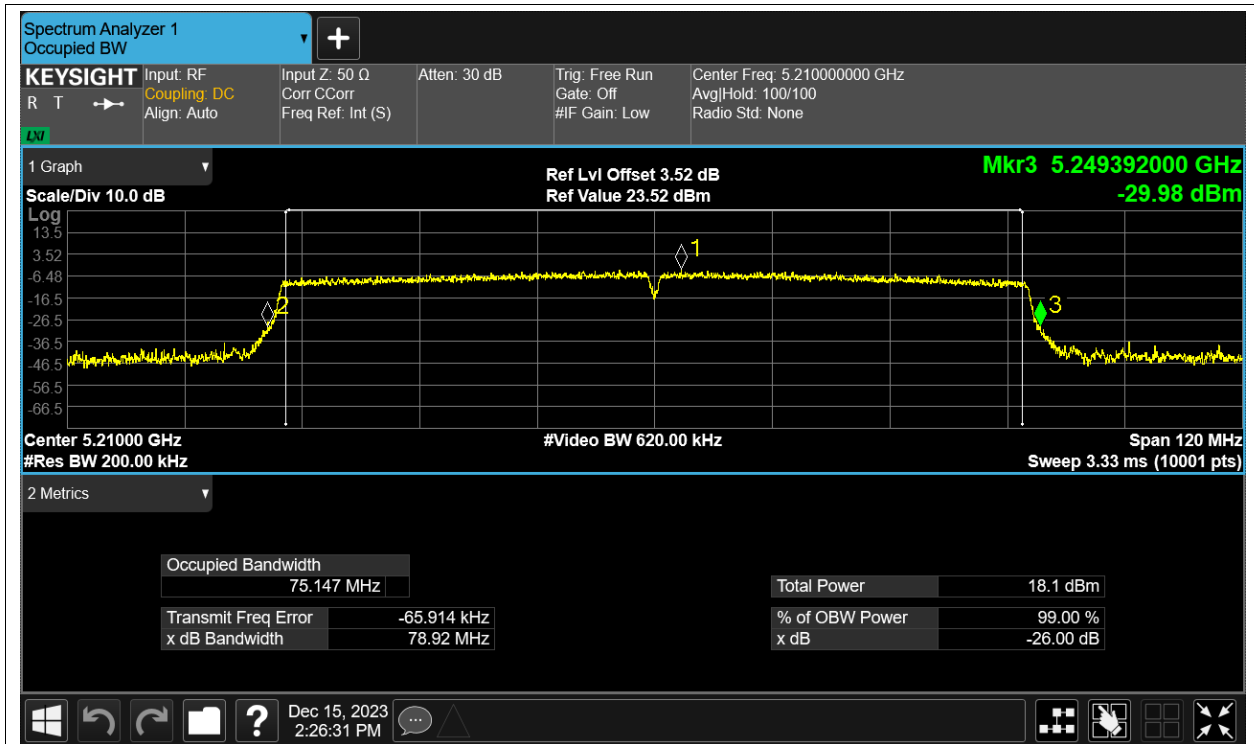
-26dB Bandwidth NVNT ac40 5190MHz Ant0



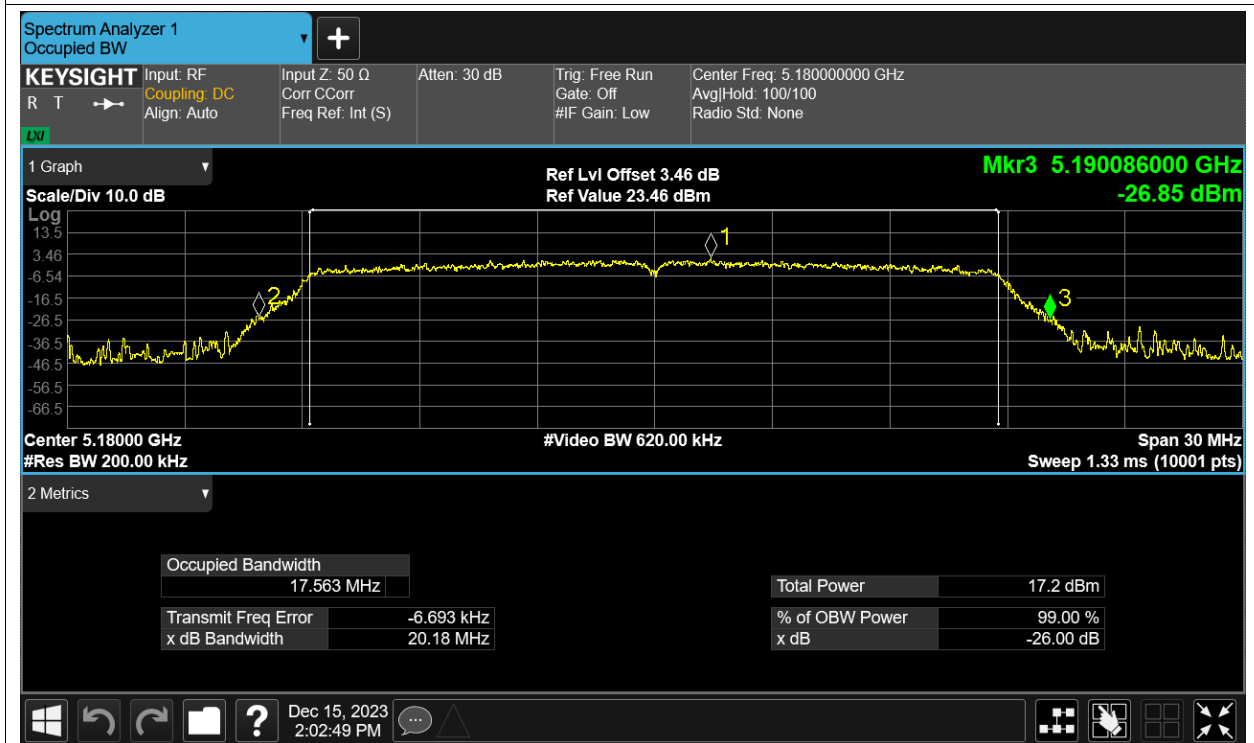
-26dB Bandwidth NVNT ac40 5230MHz Ant0



-26dB Bandwidth NVNT ac80 5210MHz Ant0



-26dB Bandwidth NVNT n20 5180MHz Ant0



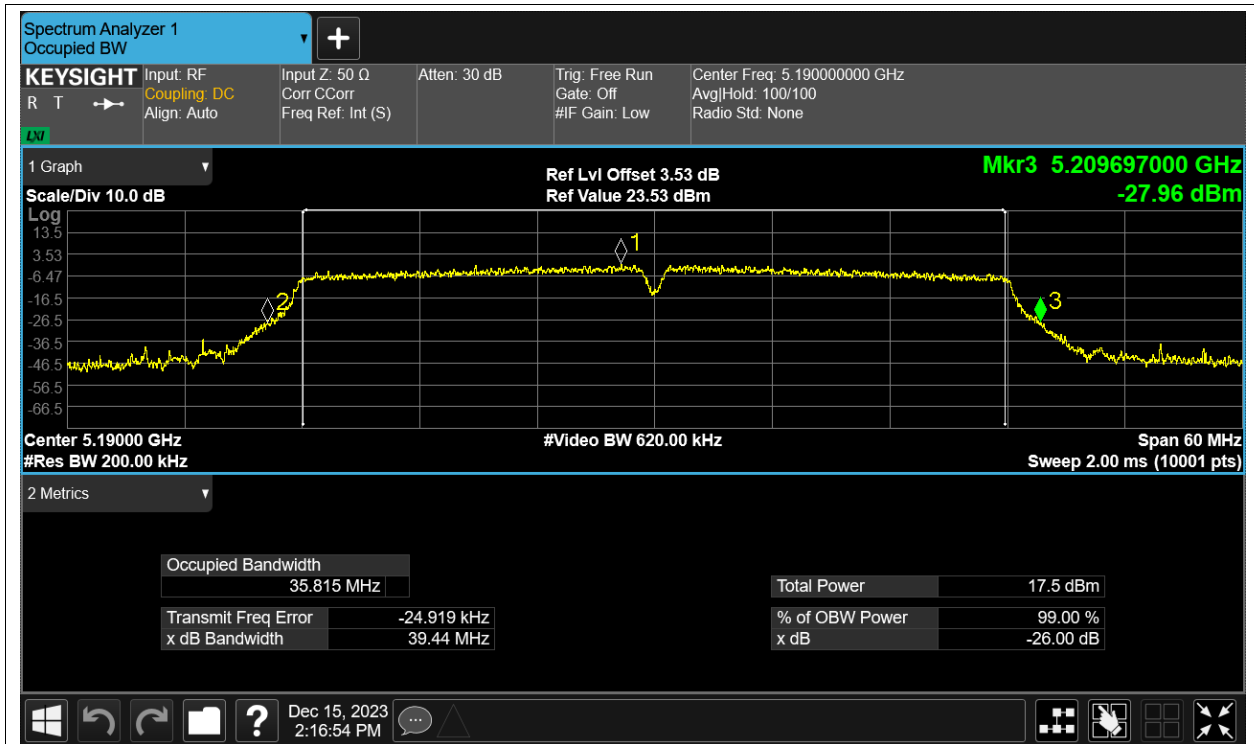
-26dB Bandwidth NVNT n20 5200MHz Ant0



-26dB Bandwidth NVNT n20 5240MHz Ant0



-26dB Bandwidth NVNT n40 5190MHz Ant0



-26dB Bandwidth NVNT n40 5230MHz Ant0

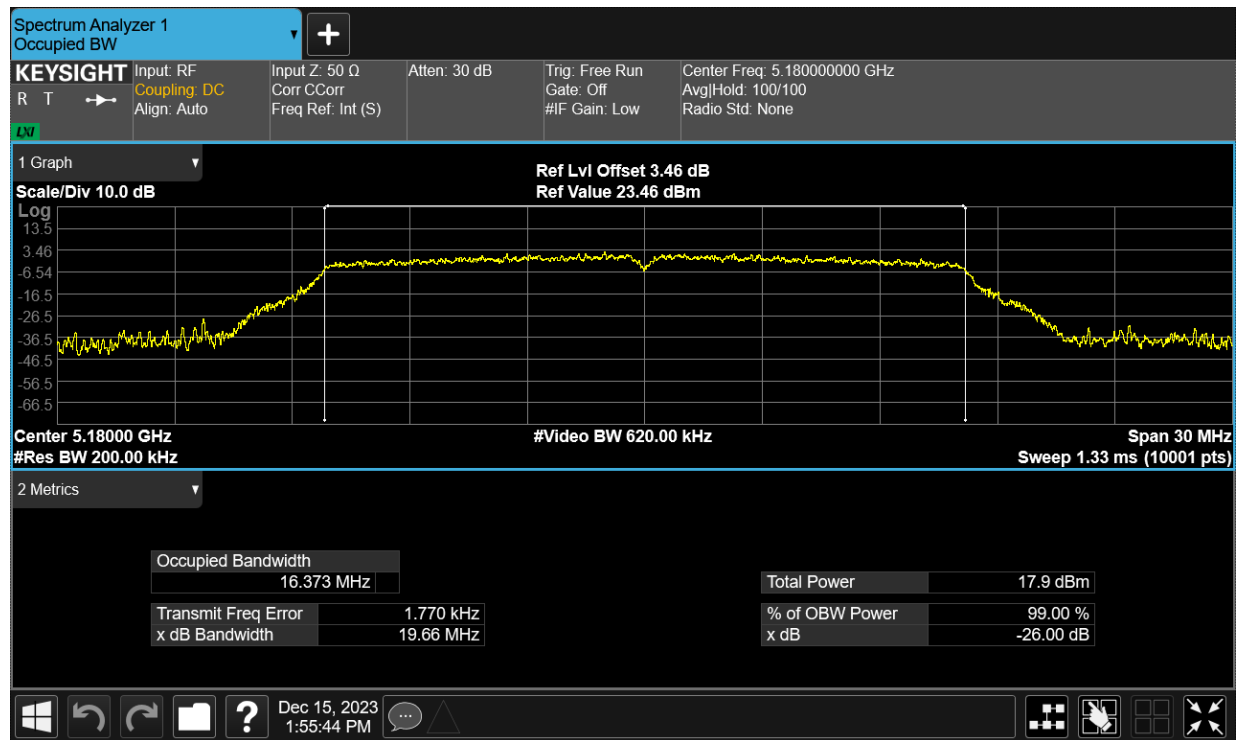


Occupied Channel Bandwidth

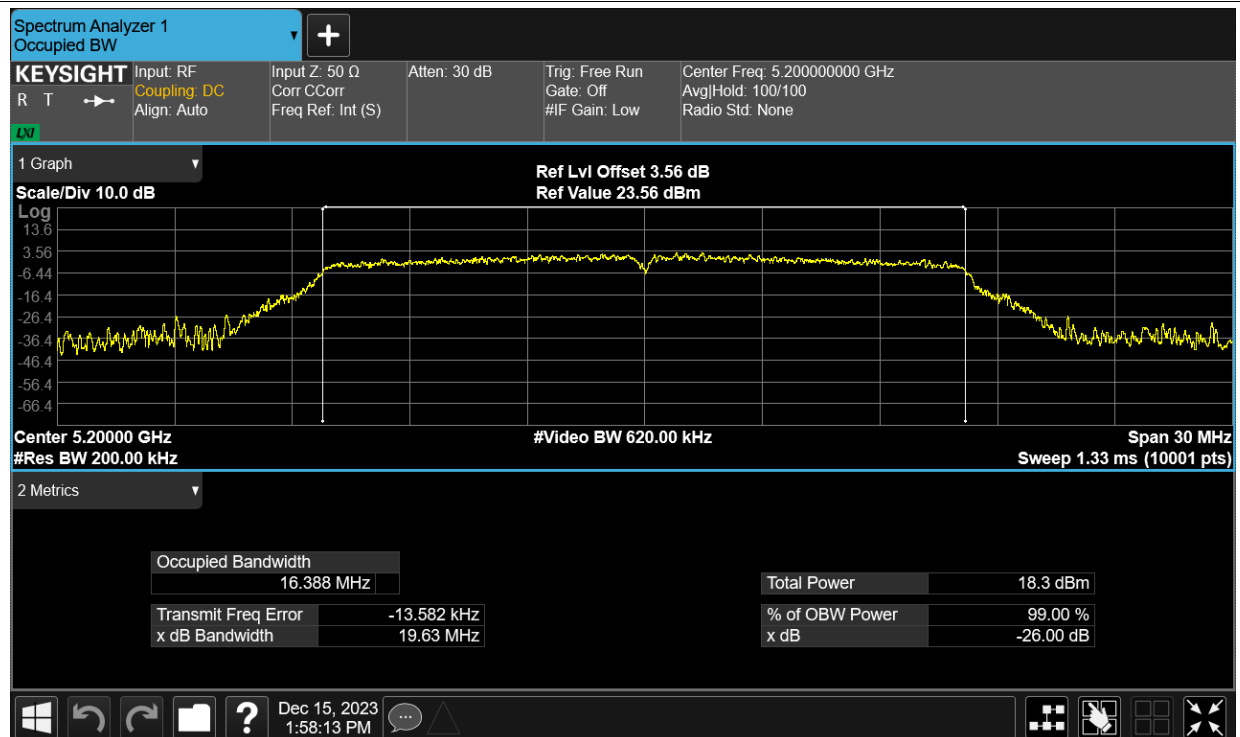
Condition	Mode	Frequency (MHz)	Antenna	99% OBW (MHz)
NVNT	a	5180	Ant0	16.373
NVNT	a	5200	Ant0	16.388
NVNT	a	5240	Ant0	16.384
NVNT	ac20	5180	Ant0	17.558
NVNT	ac20	5200	Ant0	17.56
NVNT	ac20	5240	Ant0	17.556
NVNT	ac40	5190	Ant0	35.928
NVNT	ac40	5230	Ant0	35.889
NVNT	ac80	5210	Ant0	75.161
NVNT	n20	5180	Ant0	17.559
NVNT	n20	5200	Ant0	17.547
NVNT	n20	5240	Ant0	17.569
NVNT	n40	5190	Ant0	35.951
NVNT	n40	5230	Ant0	35.904

Test Graphs

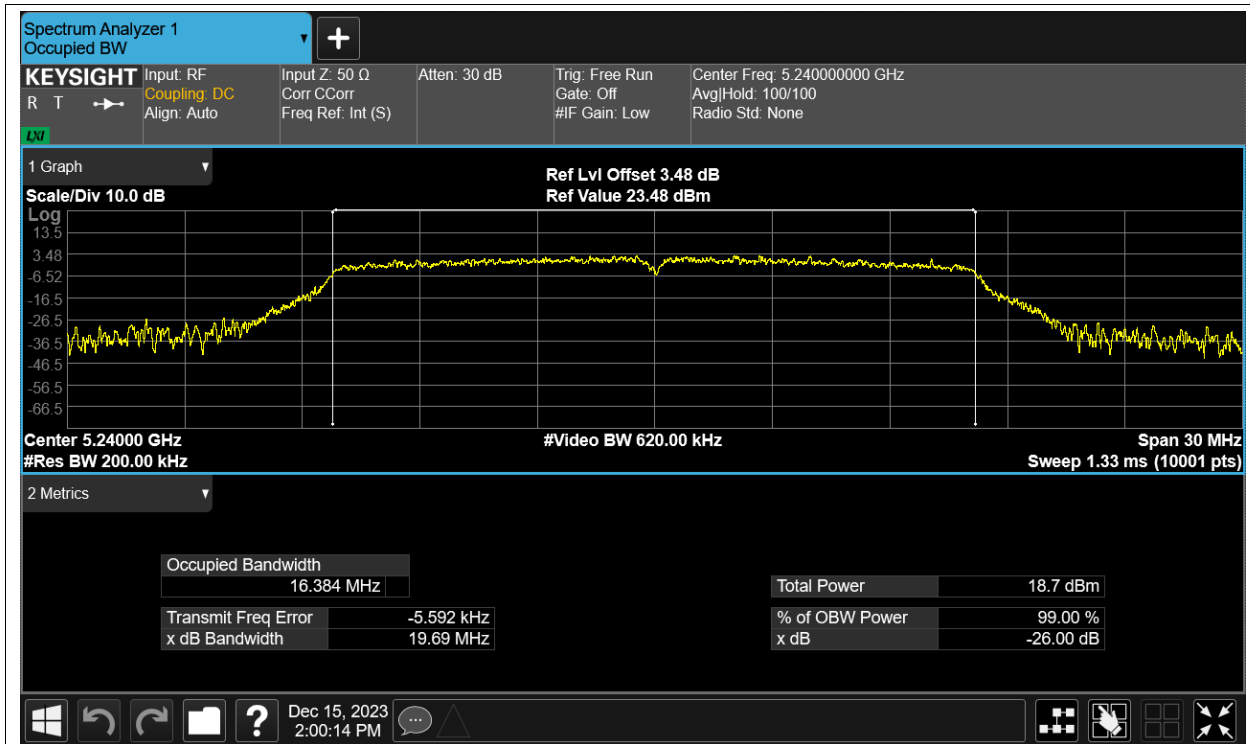
OBW NVNT a 5180MHz Ant0



OBW NVNT a 5200MHz Ant0



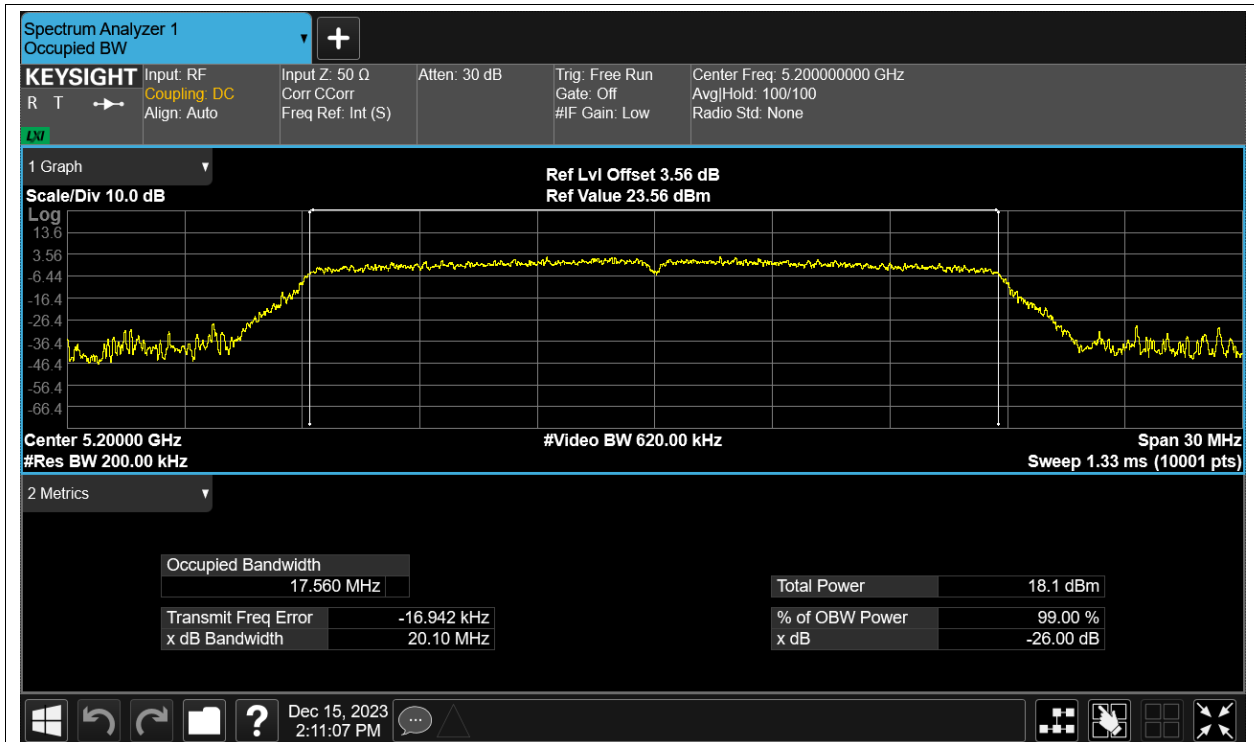
OBW NVNT a 5240MHz Ant0



OBW NVNT ac20 5180MHz Ant0



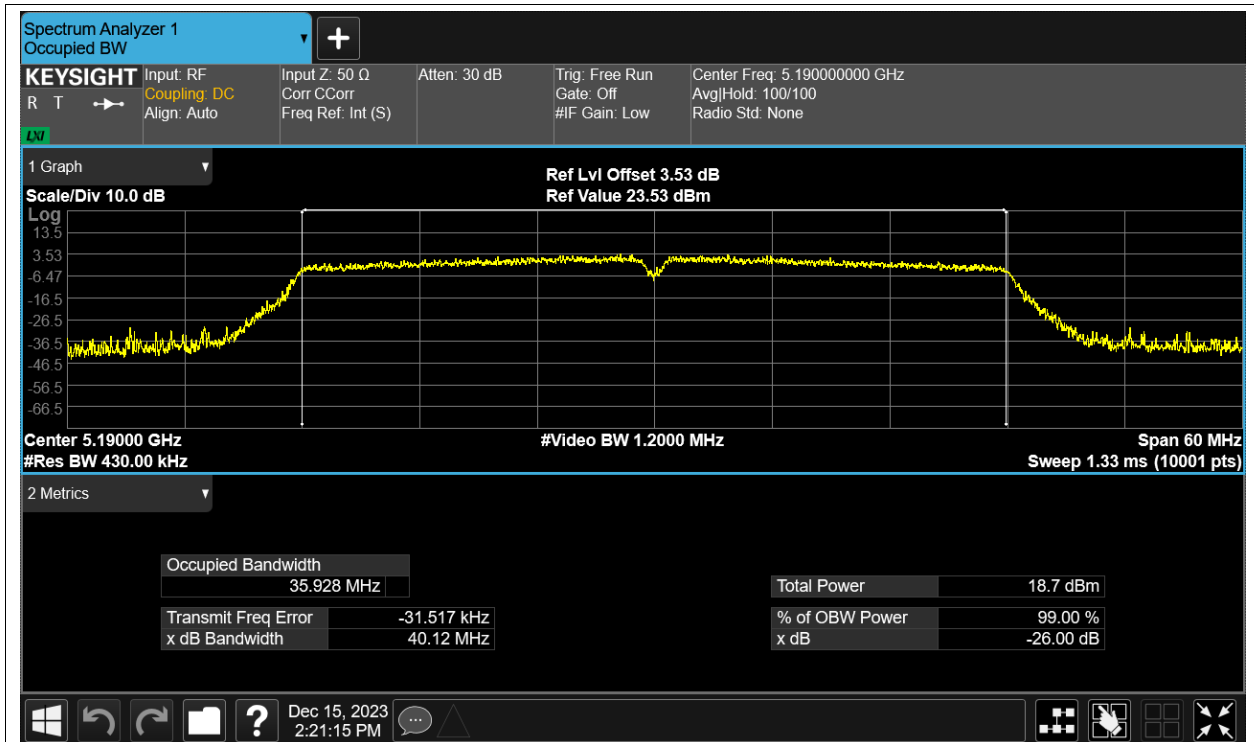
OBW NVNT ac20 5200MHz Ant0



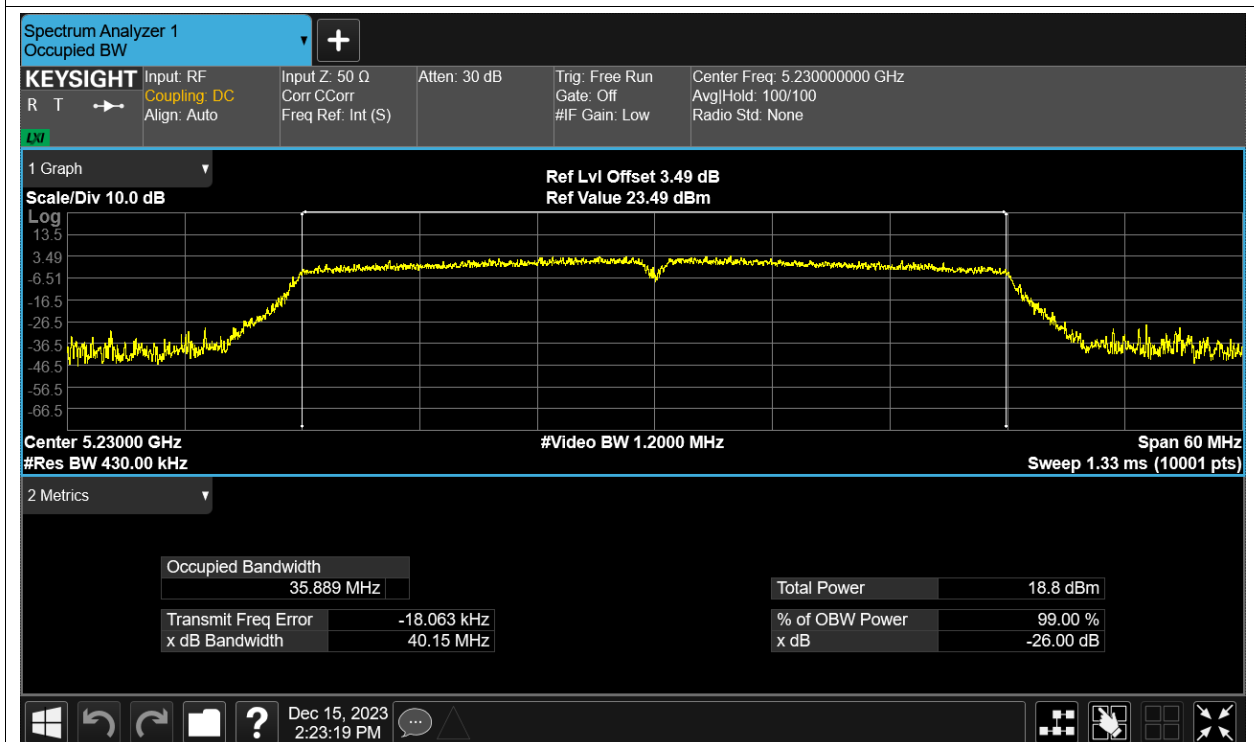
OBW NVNT ac20 5240MHz Ant0



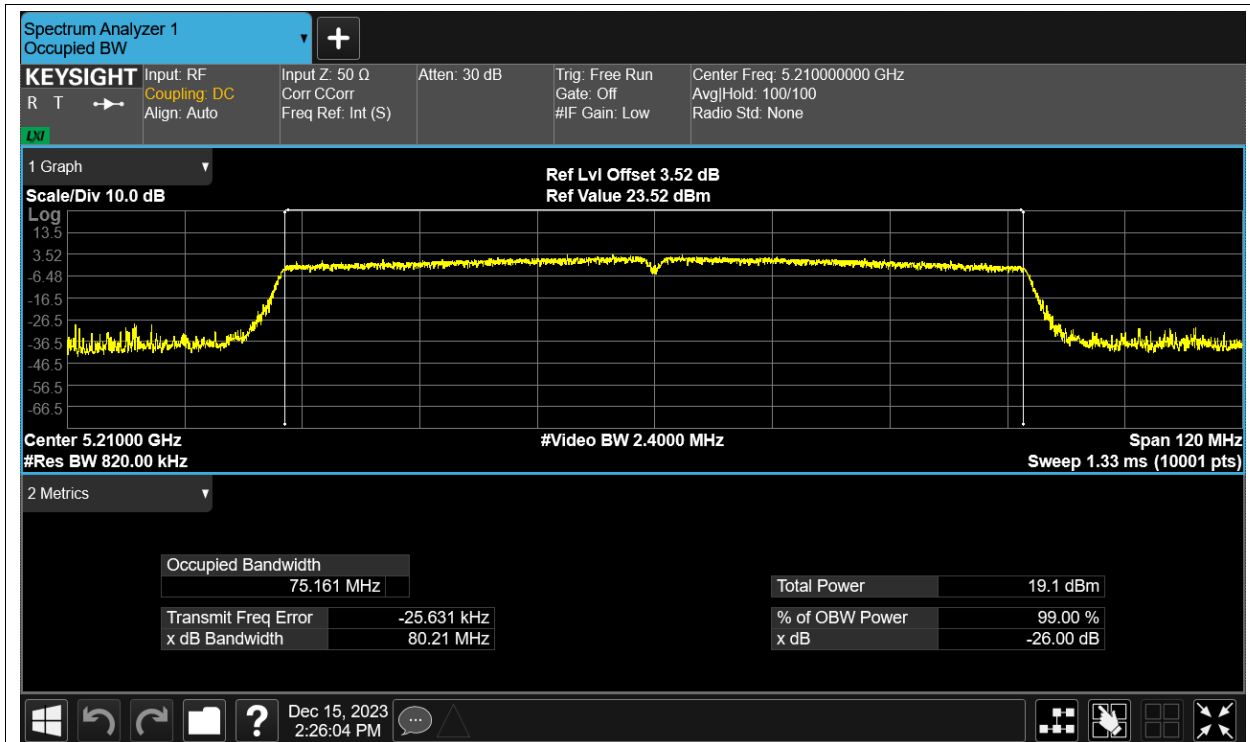
OBW NVNT ac40 5190MHz Ant0



OBW NVNT ac40 5230MHz Ant0



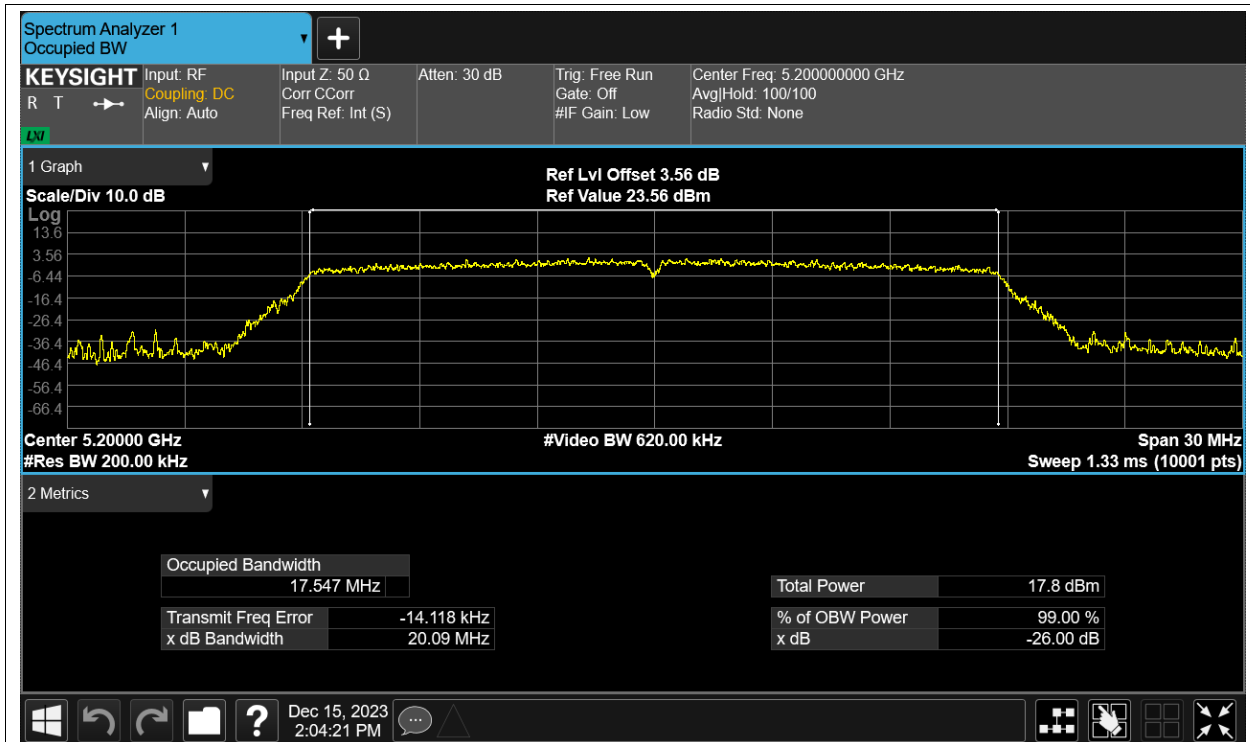
OBW NVNT ac80 5210MHz Ant0



OBW NVNT n20 5180MHz Ant0



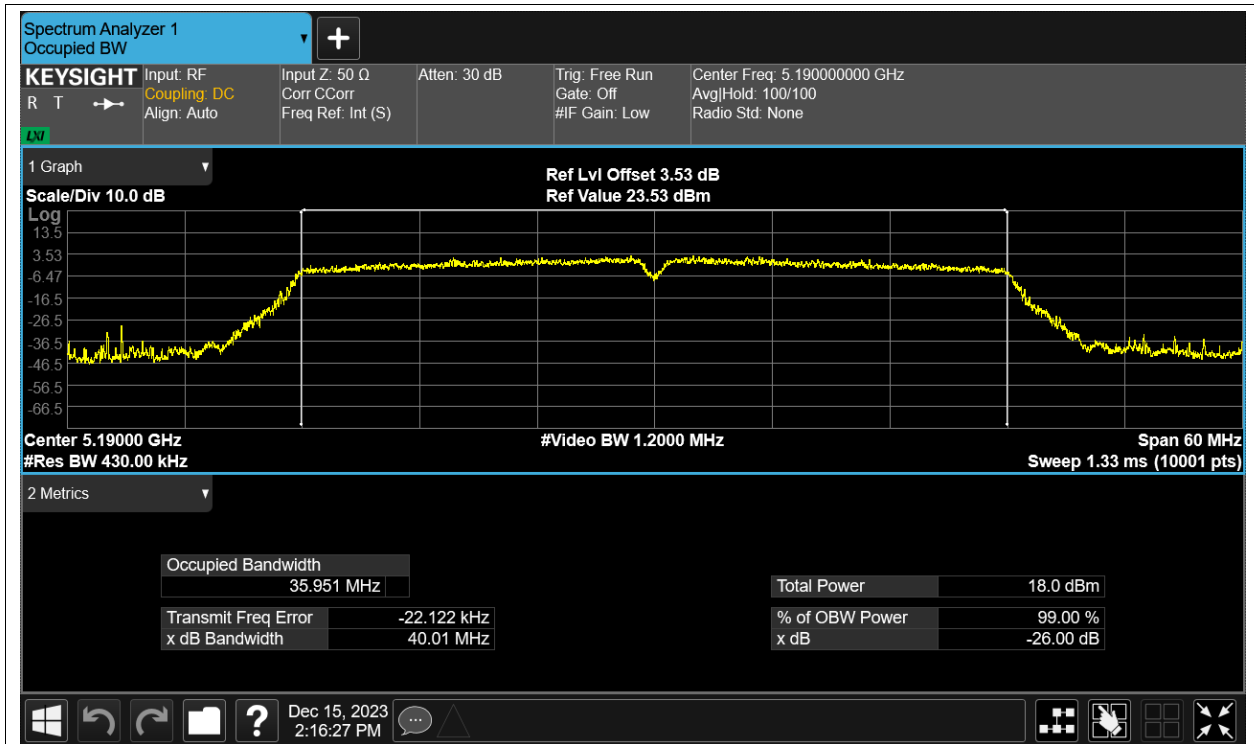
OBW NVNT n20 5200MHz Ant0



OBW NVNT n20 5240MHz Ant0



OBW NVNT n40 5190MHz Ant0



OBW NVNT n40 5230MHz Ant0

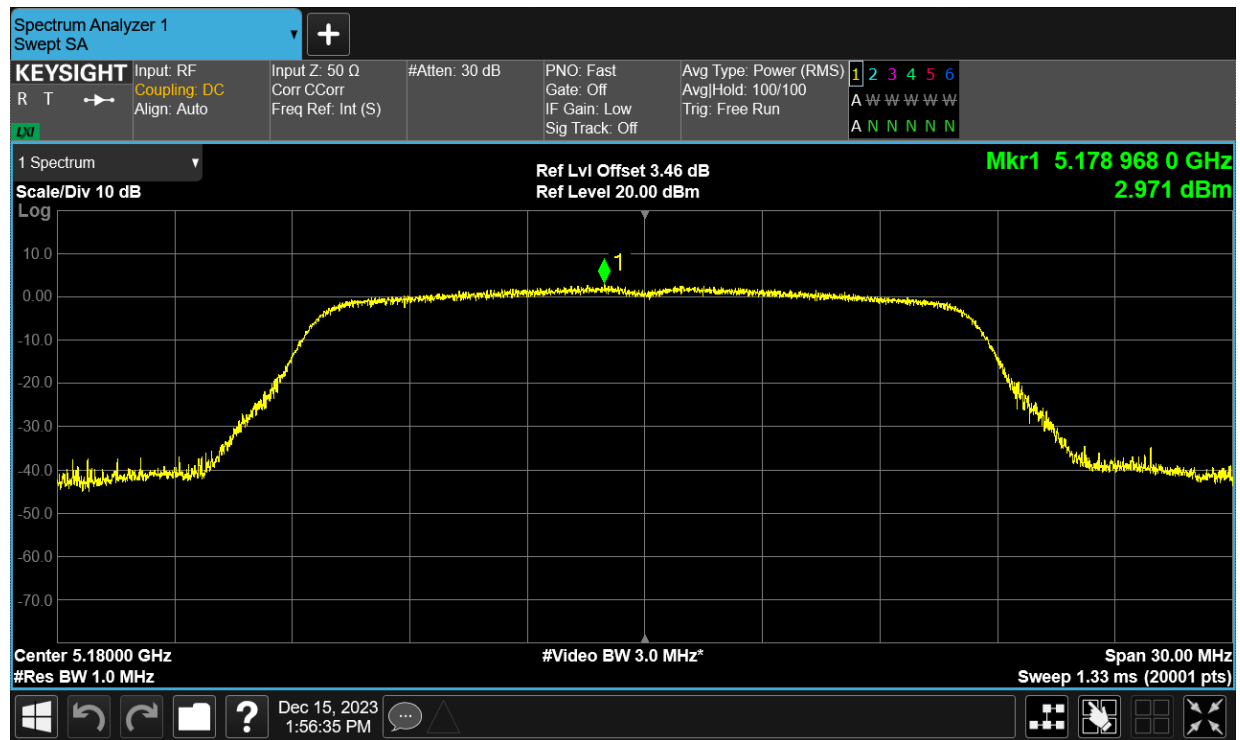


Maximum Power Spectral Density Level

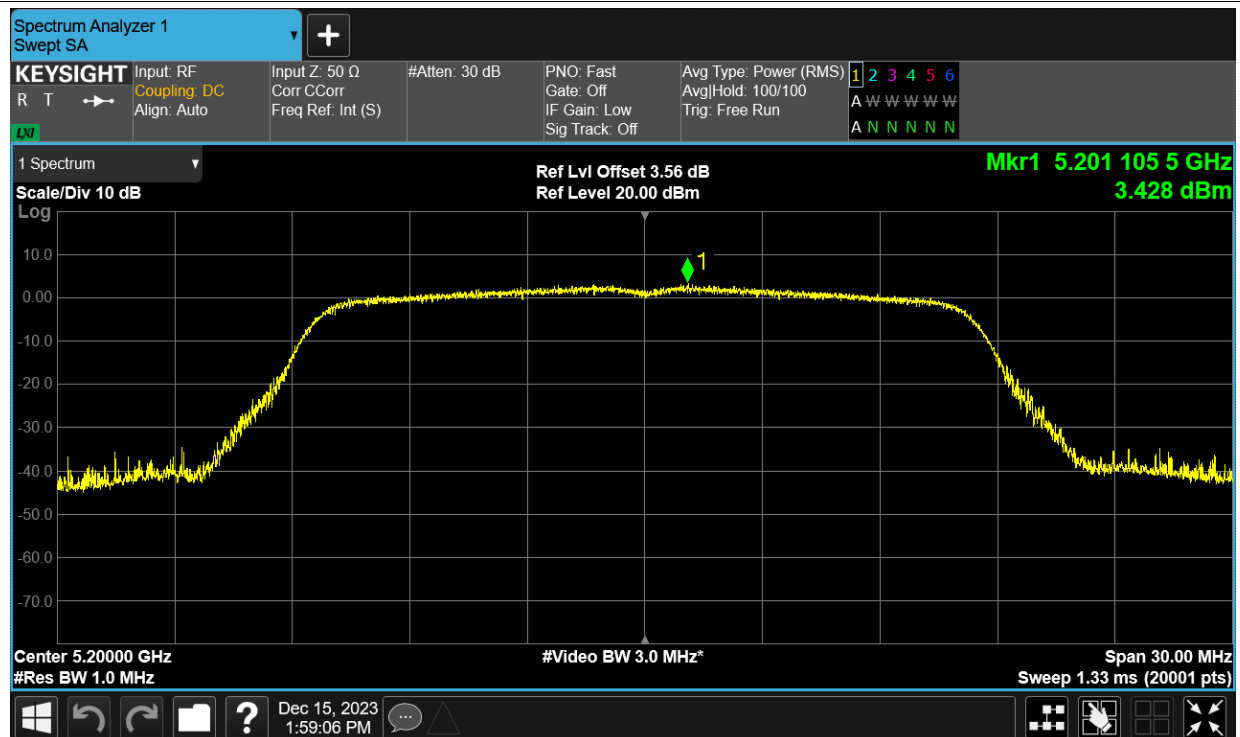
Condition	Mode	Frequency (MHz)	Antenna	Max PSD (dBm)	Limit (dBm)	Verdict
NVNT	a	5180	Ant0	2.971	11	Pass
NVNT	a	5200	Ant0	3.428	11	Pass
NVNT	a	5240	Ant0	3.643	11	Pass
NVNT	ac20	5180	Ant0	2.291	11	Pass
NVNT	ac20	5200	Ant0	2.739	11	Pass
NVNT	ac20	5240	Ant0	2.61	11	Pass
NVNT	ac40	5190	Ant0	0.595	11	Pass
NVNT	ac40	5230	Ant0	0.368	11	Pass
NVNT	ac80	5210	Ant0	-3.238	11	Pass
NVNT	n20	5180	Ant0	2.117	11	Pass
NVNT	n20	5200	Ant0	2.717	11	Pass
NVNT	n20	5240	Ant0	2.487	11	Pass
NVNT	n40	5190	Ant0	-0.136	11	Pass
NVNT	n40	5230	Ant0	0.144	11	Pass

Test Graphs

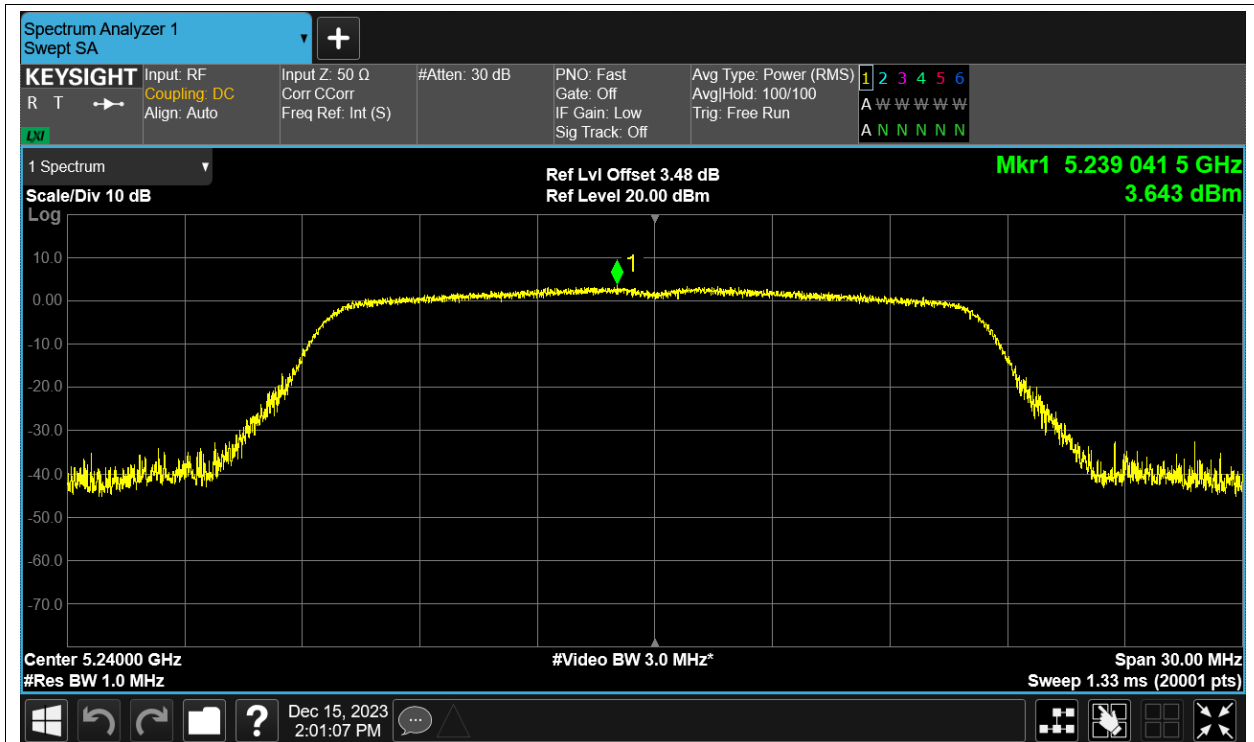
PSD NVNT a 5180MHz Ant0



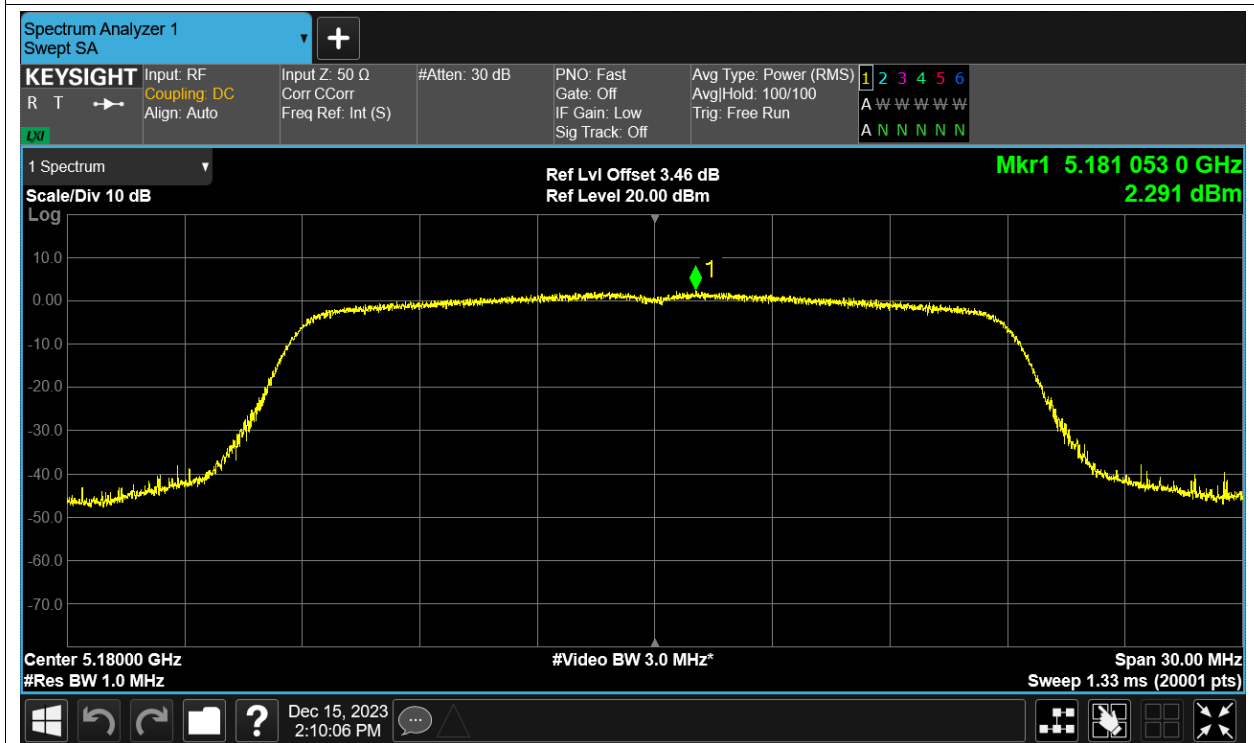
PSD NVNT a 5200MHz Ant0



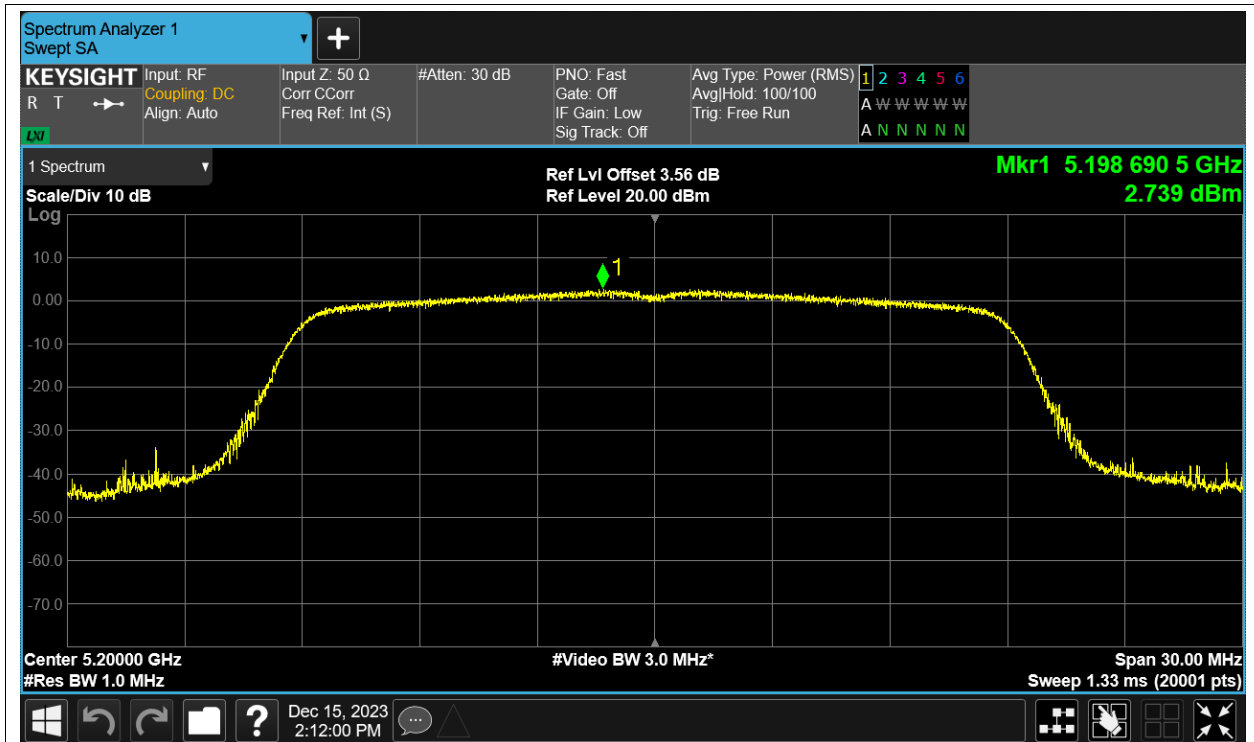
PSD NVNT a 5240MHz Ant0



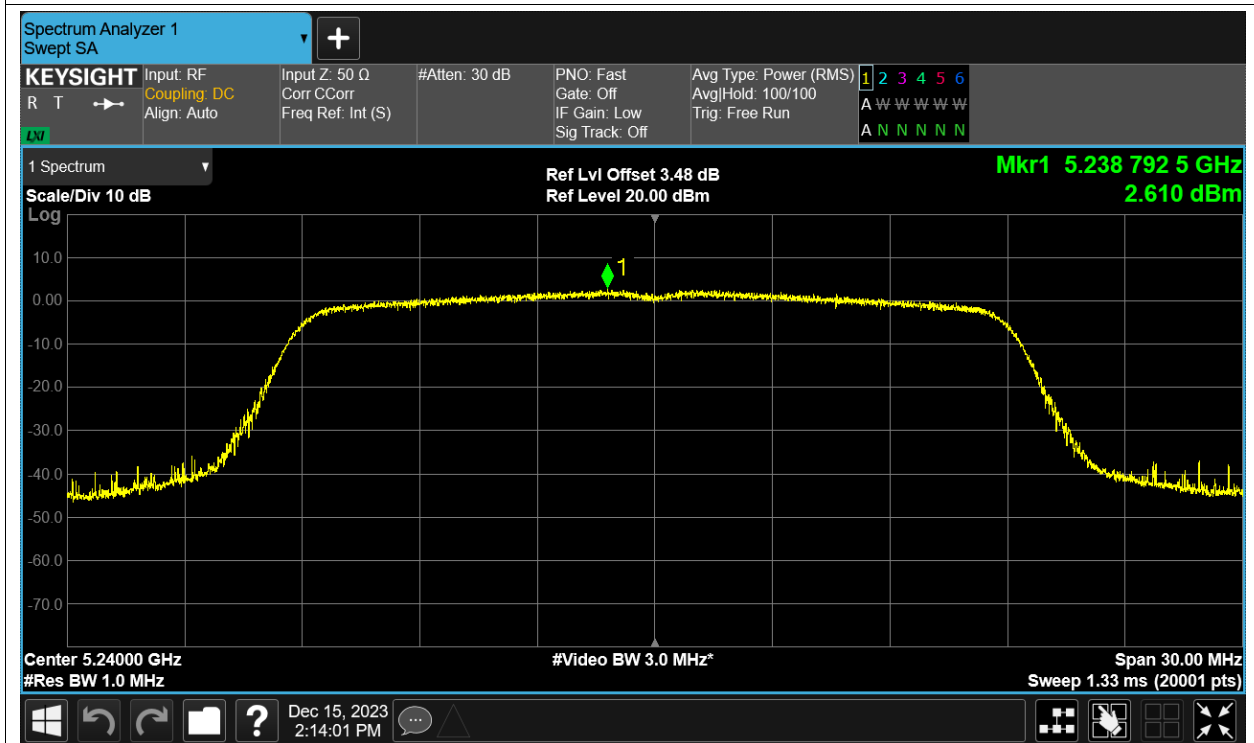
PSD NVNT ac20 5180MHz Ant0



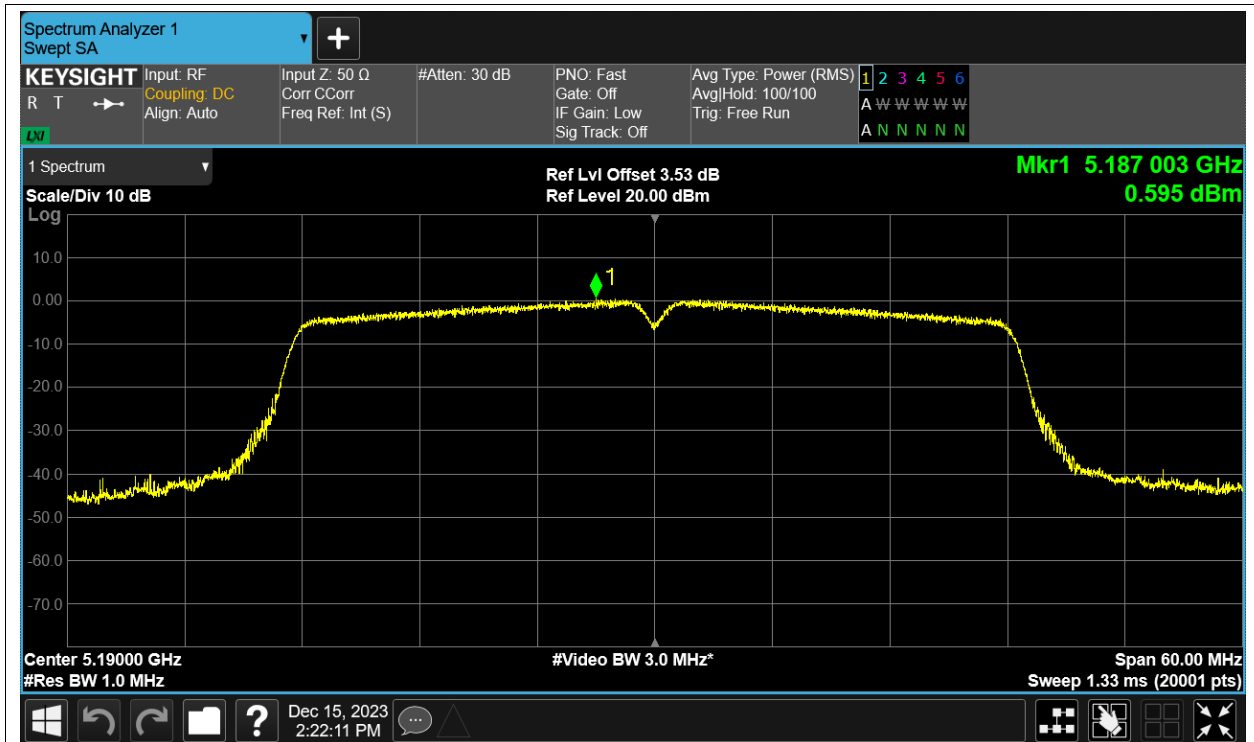
PSD NVNT ac20 5200MHz Ant0



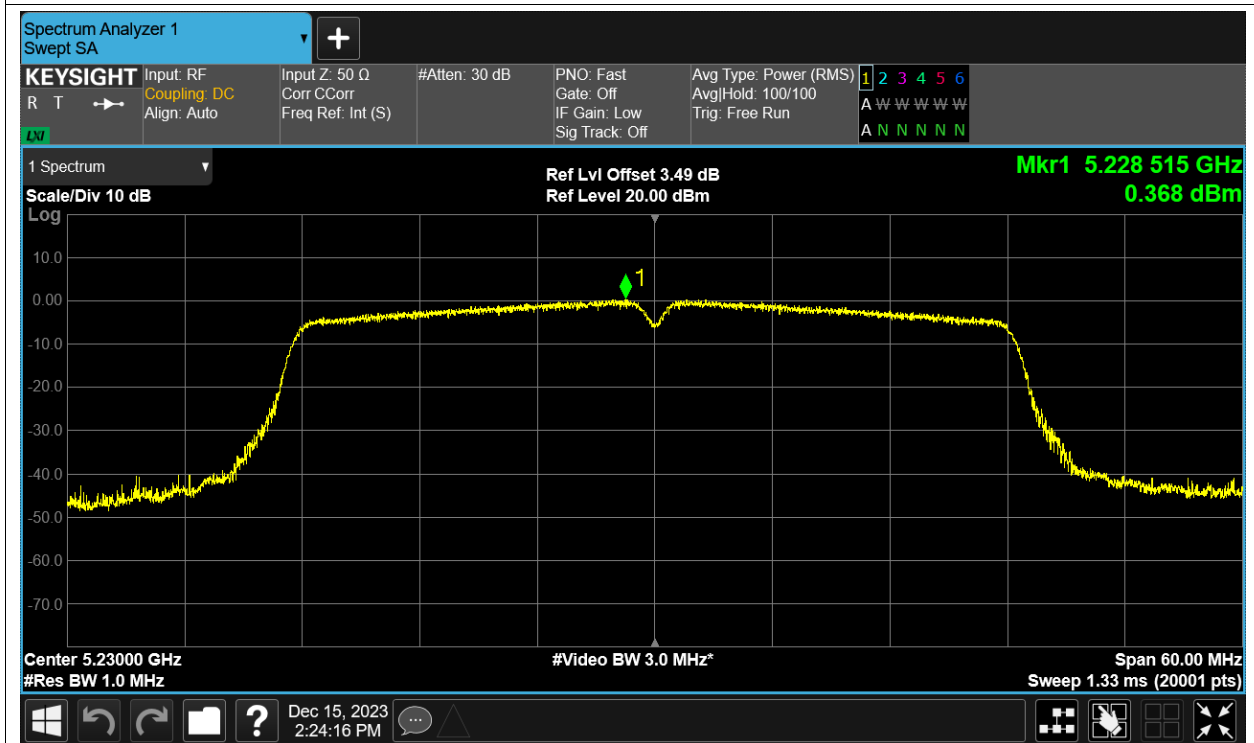
PSD NVNT ac20 5240MHz Ant0



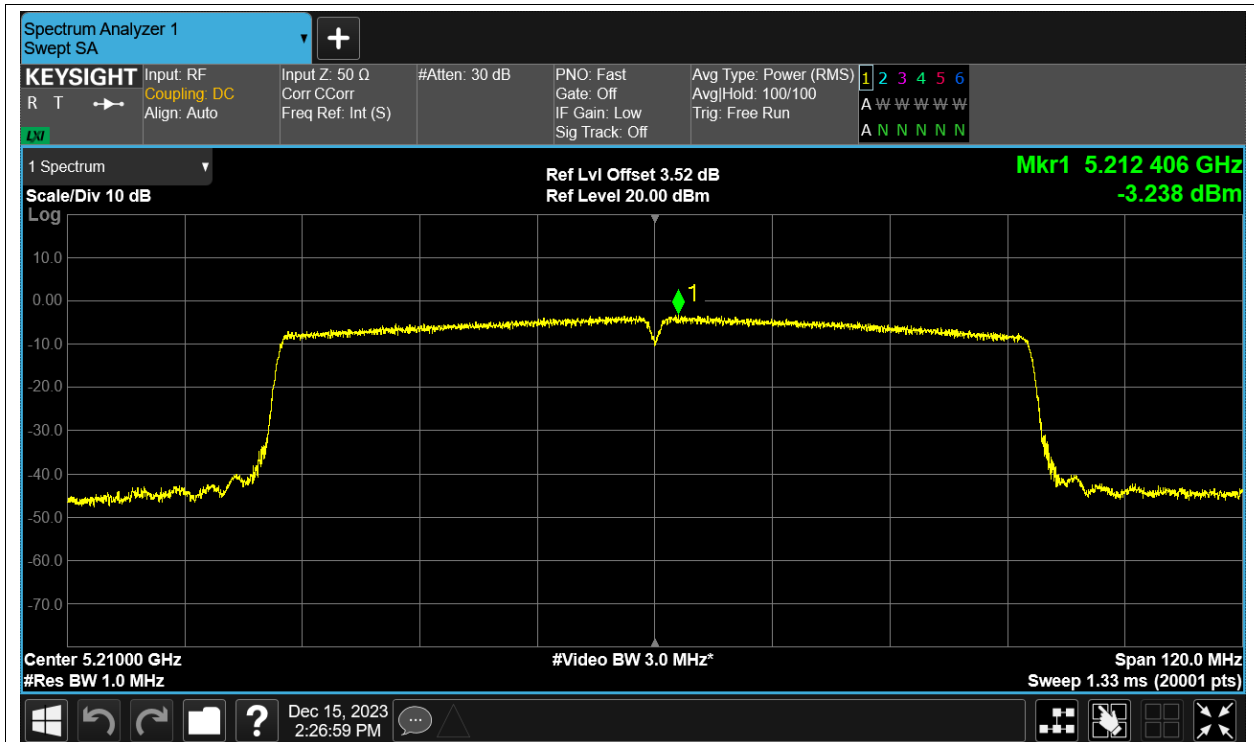
PSD NVNT ac40 5190MHz Ant0



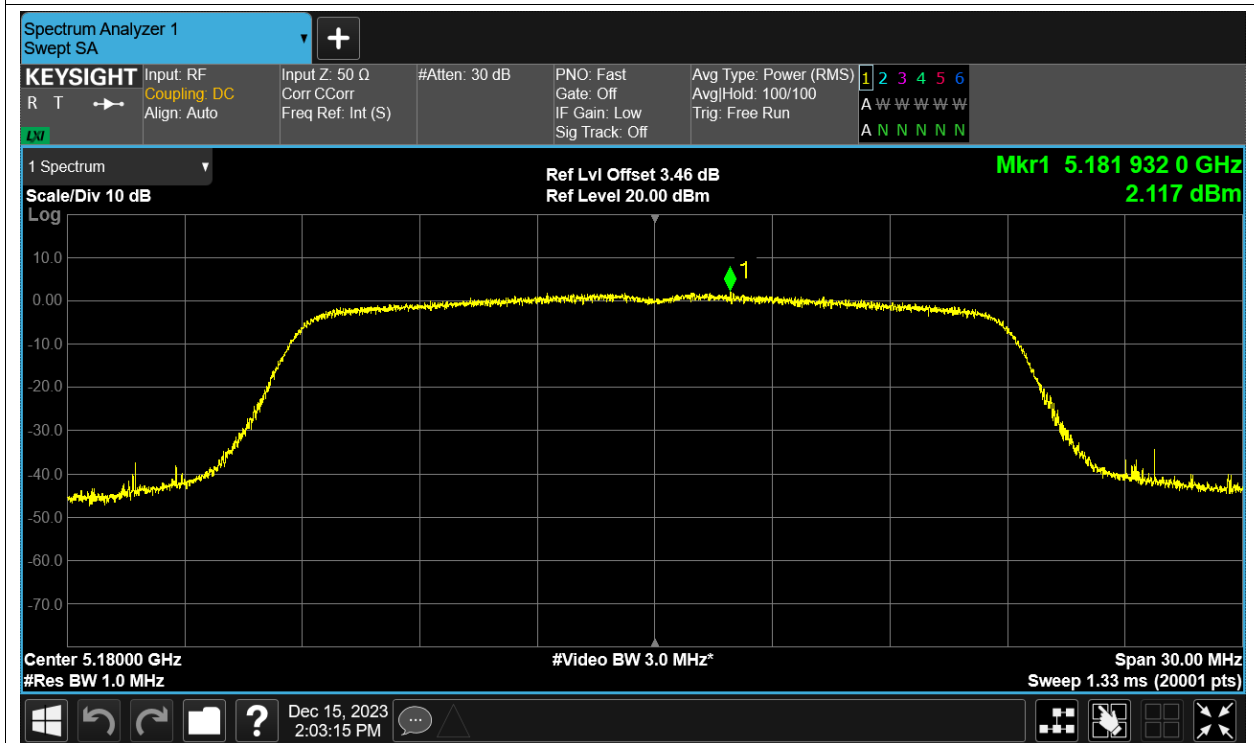
PSD NVNT ac40 5230MHz Ant0



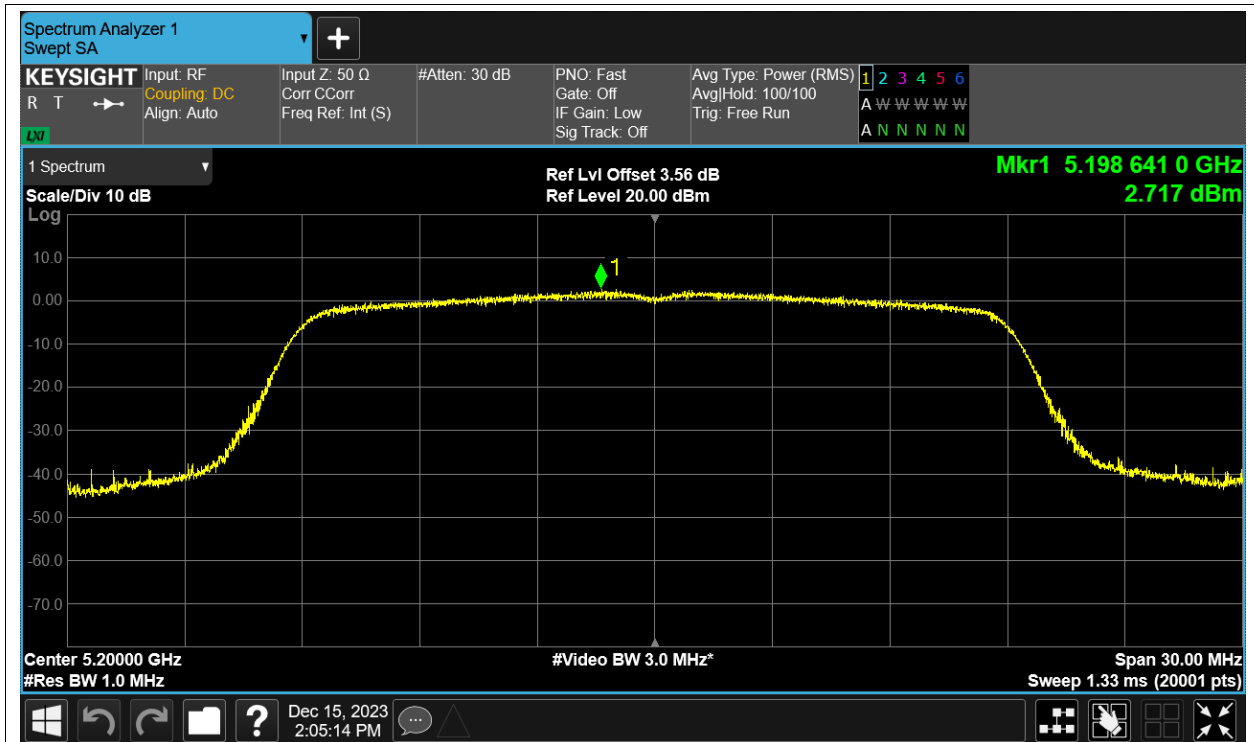
PSD NVNT ac80 5210MHz Ant0



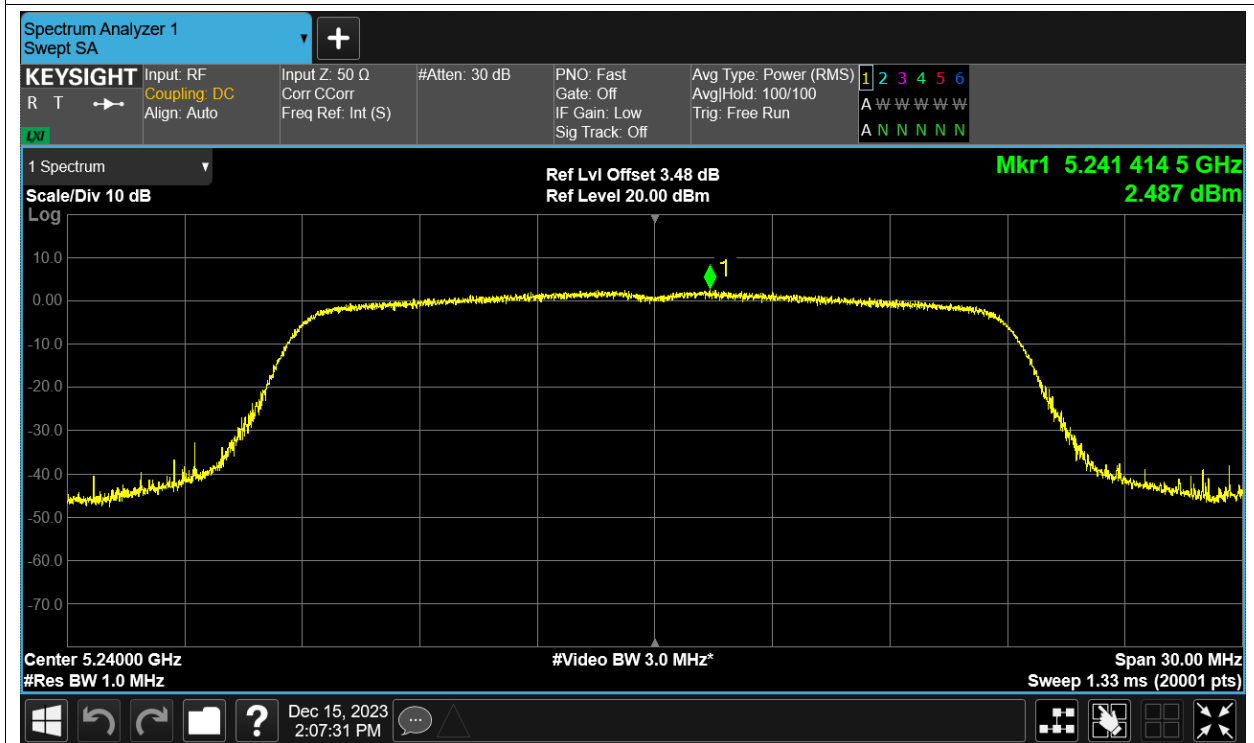
PSD NVNT n20 5180MHz Ant0



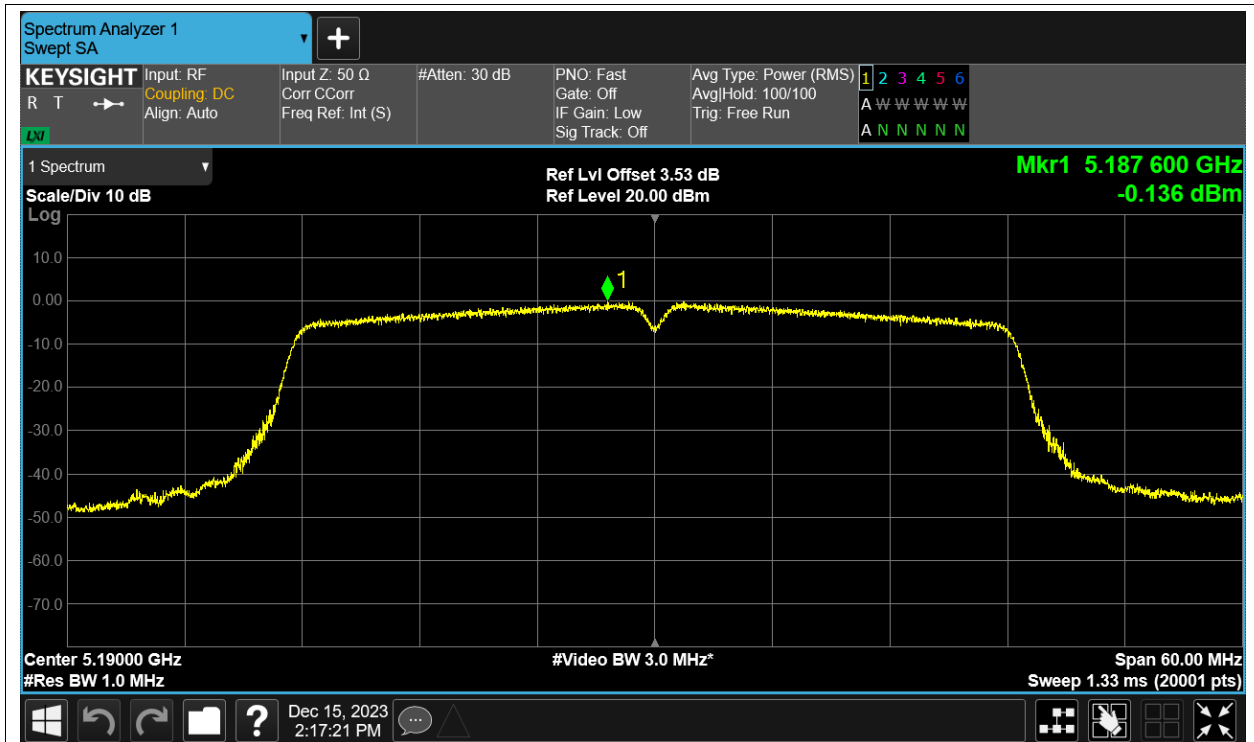
PSD NVNT n20 5200MHz Ant0



PSD NVNT n20 5240MHz Ant0



PSD NVNT n40 5190MHz Ant0



PSD NVNT n40 5230MHz Ant0

