

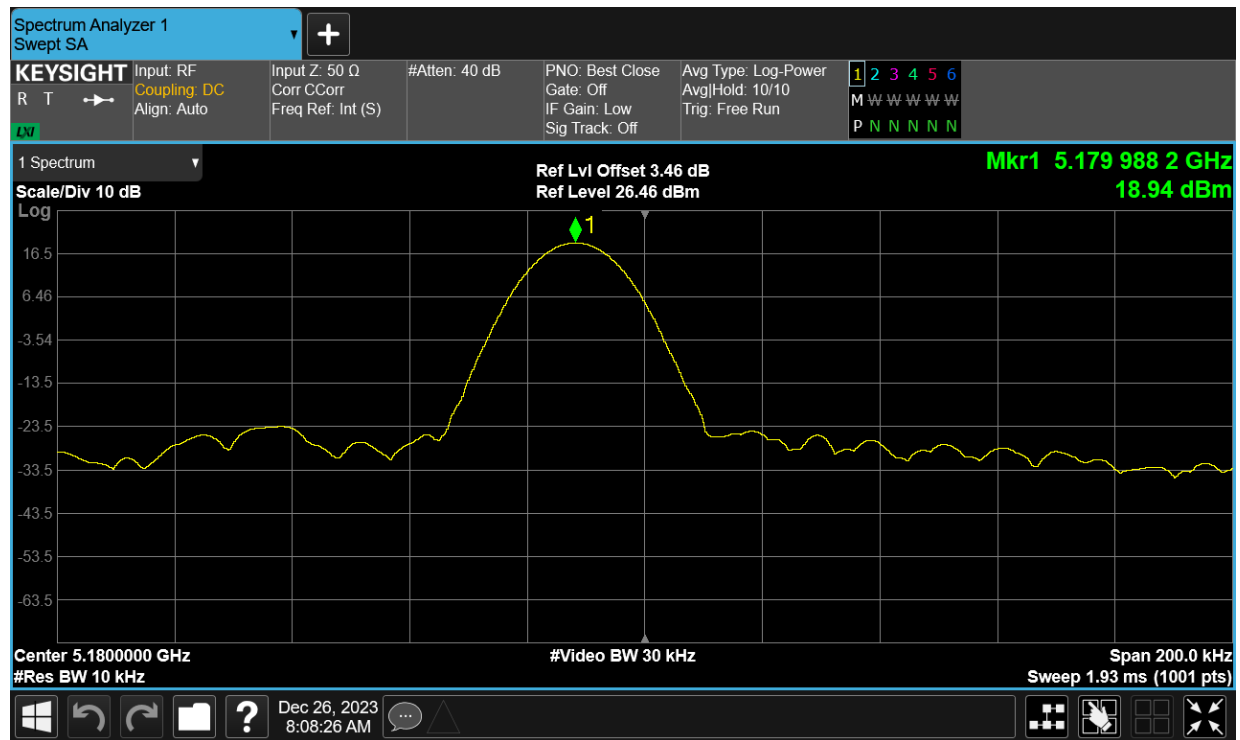
Test Data

Frequency Stability

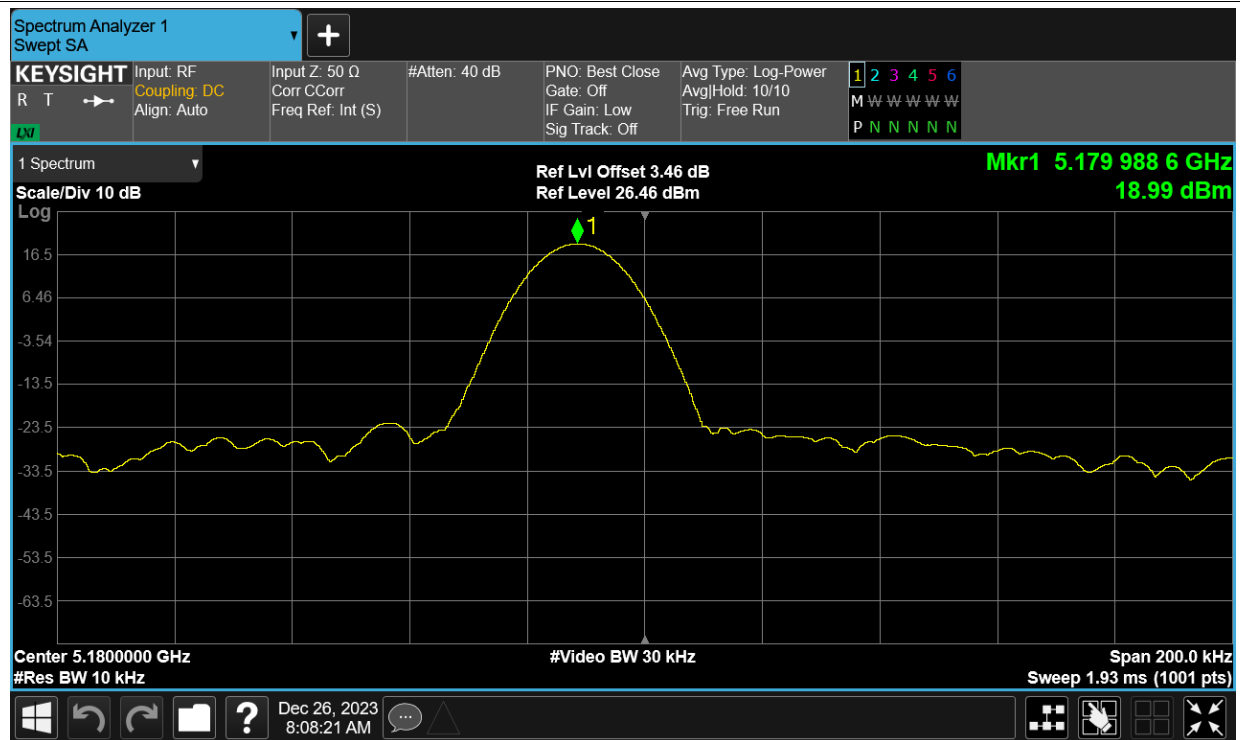
Condition	Mode	Frequency (MHz)	Antenna	Measured Frequency (MHz)	Deviation (ppm)	Limit (ppm)	Verdict
HVNT	a	5180	Ant1	5179.9882	-2.28	25	Pass
LVNT	a	5180	Ant1	5179.9886	-2.2	25	Pass
NVHT	a	5180	Ant1	5179.989	-2.12	25	Pass
NVLT	a	5180	Ant1	5179.9894	-2.05	25	Pass
NVNT	a	5180	Ant1	5179.99	-1.93	25	Pass
HVNT	ac80	5210	Ant1	5209.9822	-3.42	25	Pass
LVNT	ac80	5210	Ant1	5209.9826	-3.34	25	Pass
NVHT	ac80	5210	Ant1	5209.981	-3.65	25	Pass
NVLT	ac80	5210	Ant1	5209.9808	-3.69	25	Pass
NVNT	ac80	5210	Ant1	5209.98115653	-3.62	25	Pass
HVNT	n40	5190	Ant1	5189.9856	-2.77	25	Pass
LVNT	n40	5190	Ant1	5189.9824	-3.39	25	Pass
NVHT	n40	5190	Ant1	5189.9826	-3.35	25	Pass
NVLT	n40	5190	Ant1	5189.983	-3.28	25	Pass
NVNT	n40	5190	Ant1	5189.9834	-3.2	25	Pass

Test Graphs

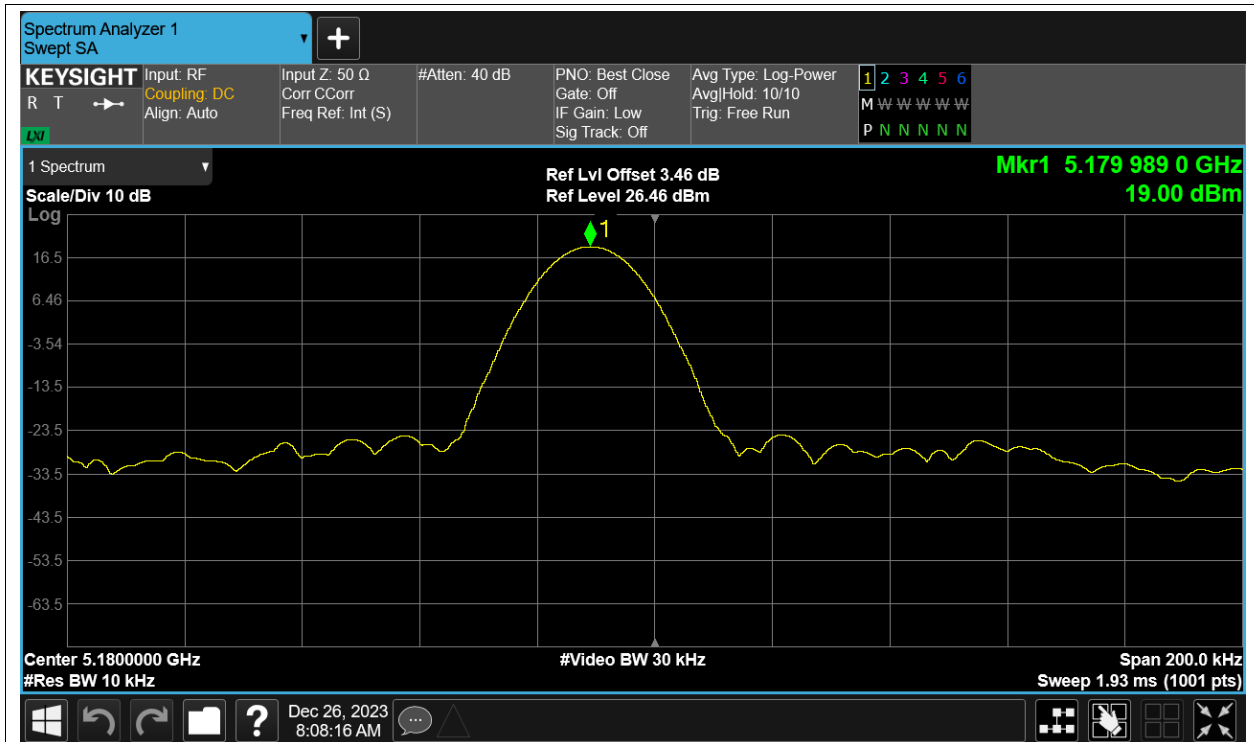
Freq. Stability HVNT a 5180MHz Ant1



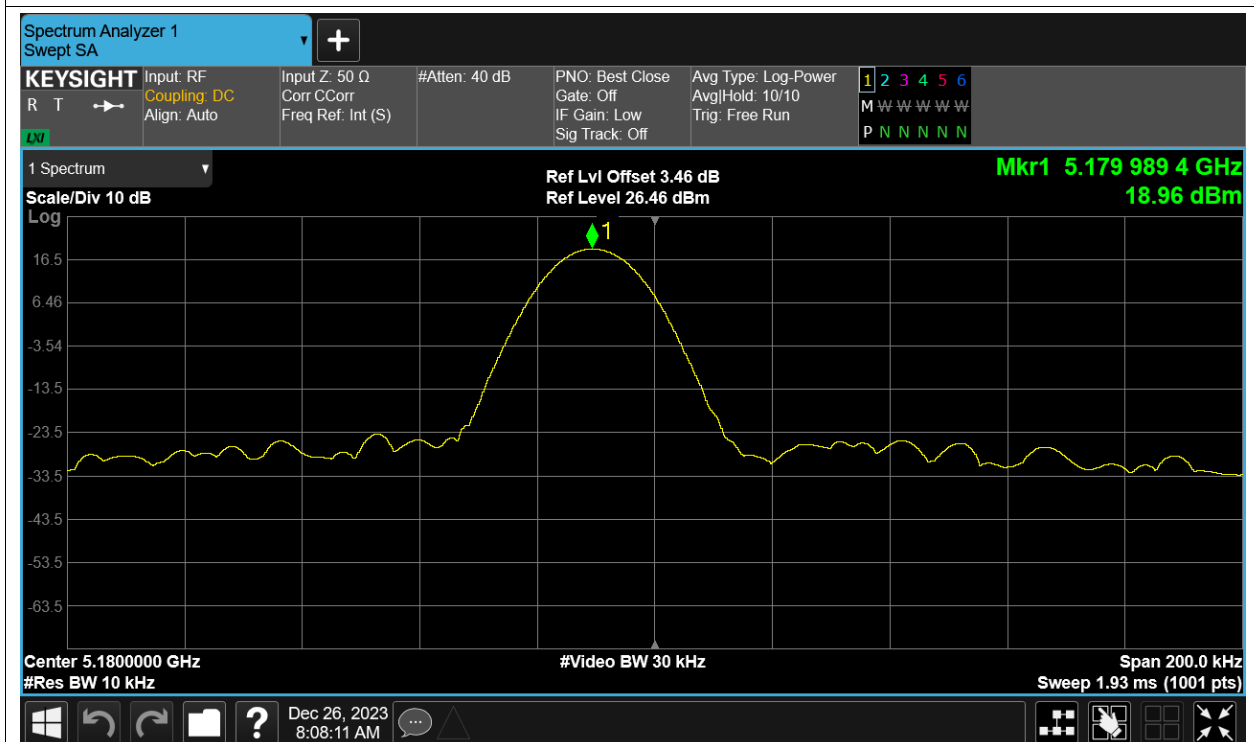
Freq. Stability LVNT a 5180MHz Ant1



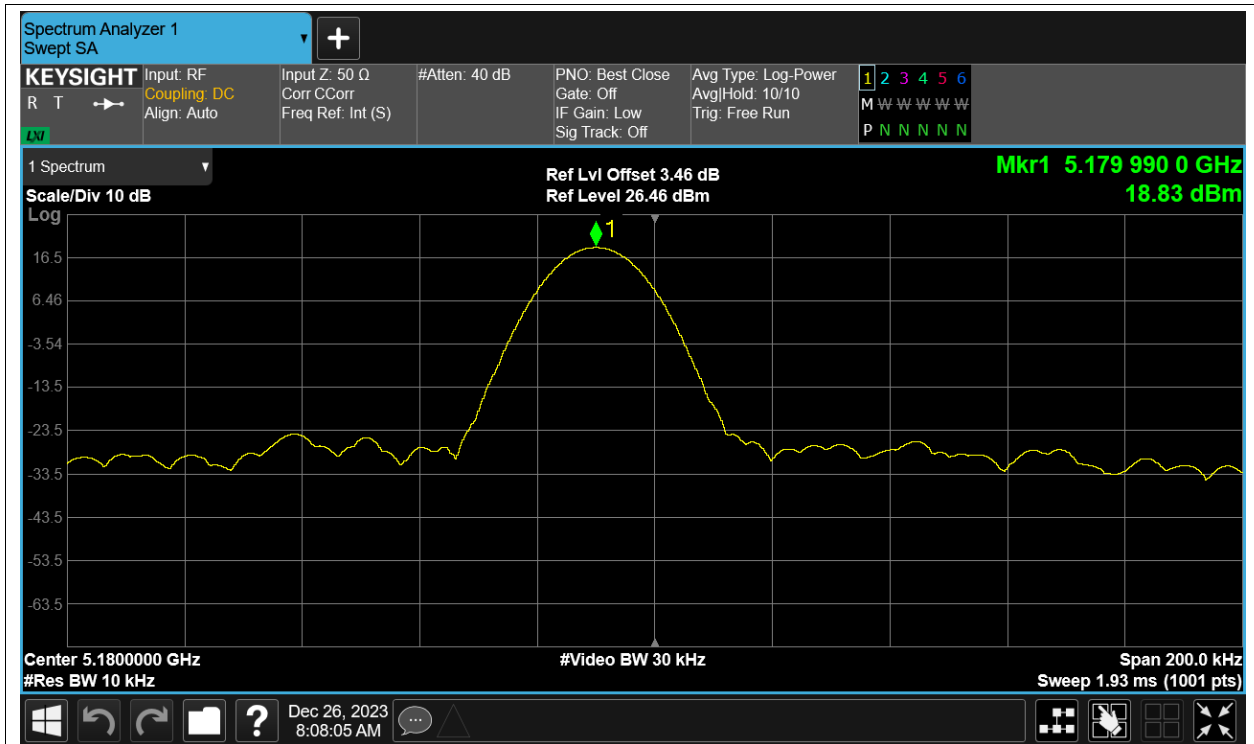
Freq. Stability NVHT a 5180MHz Ant1



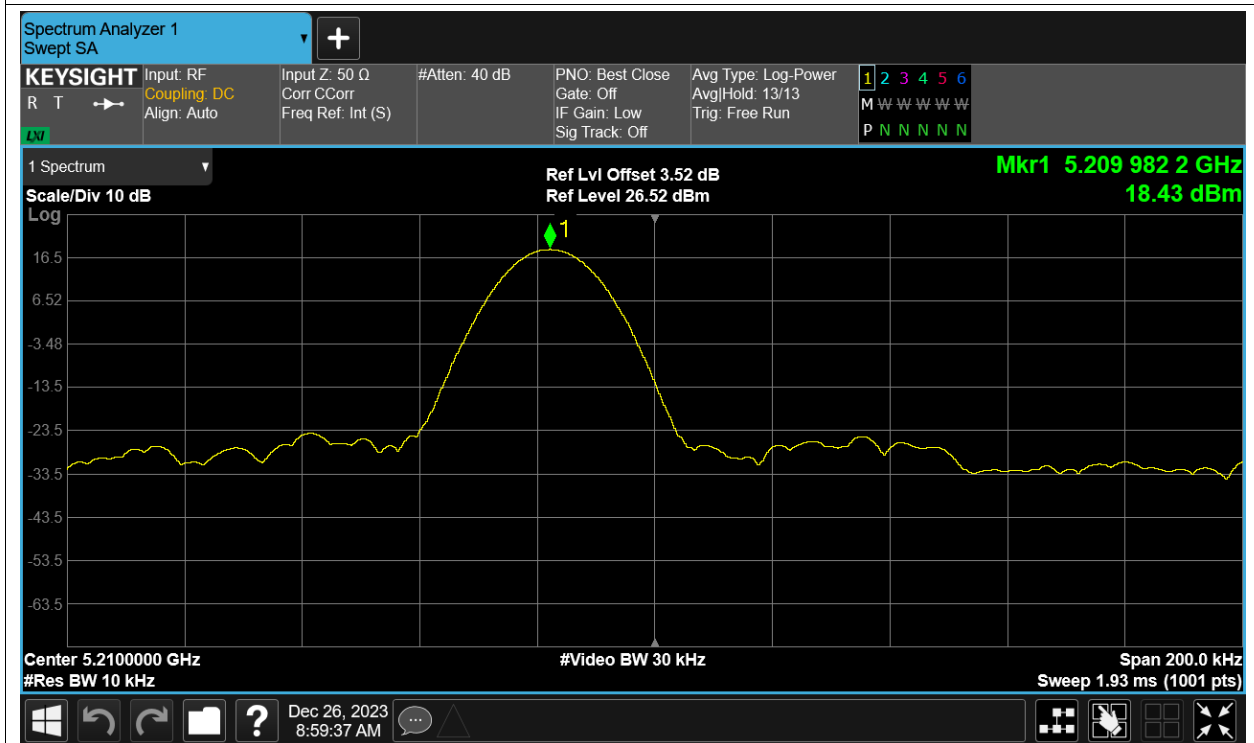
Freq. Stability NVLT a 5180MHz Ant1



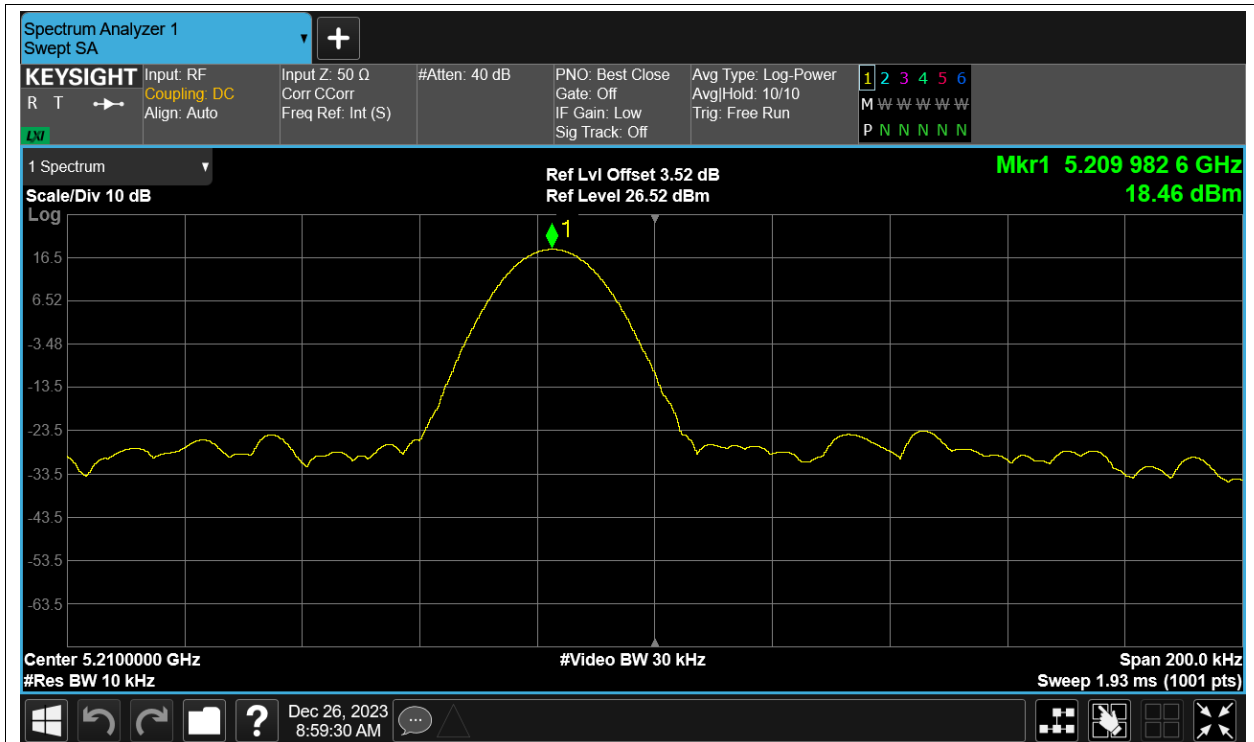
Freq. Stability NVNT a 5180MHz Ant1



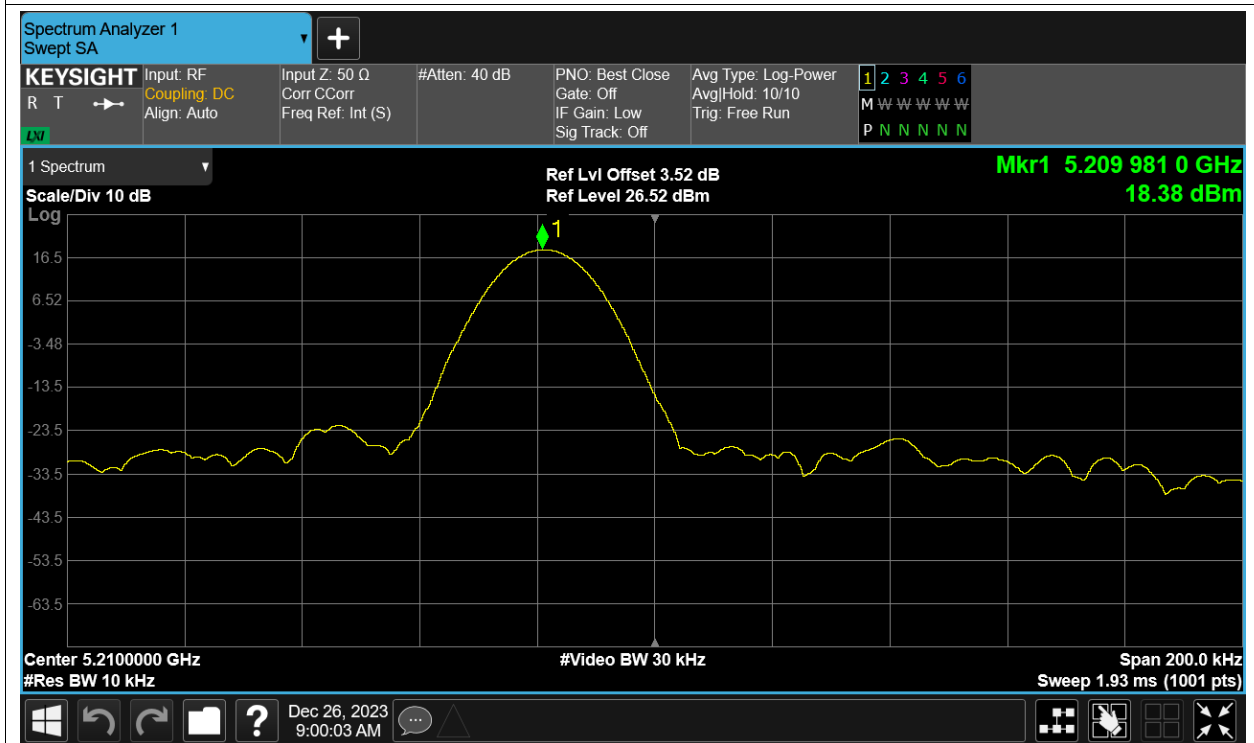
Freq. Stability HVNT ac80 5210MHz Ant1



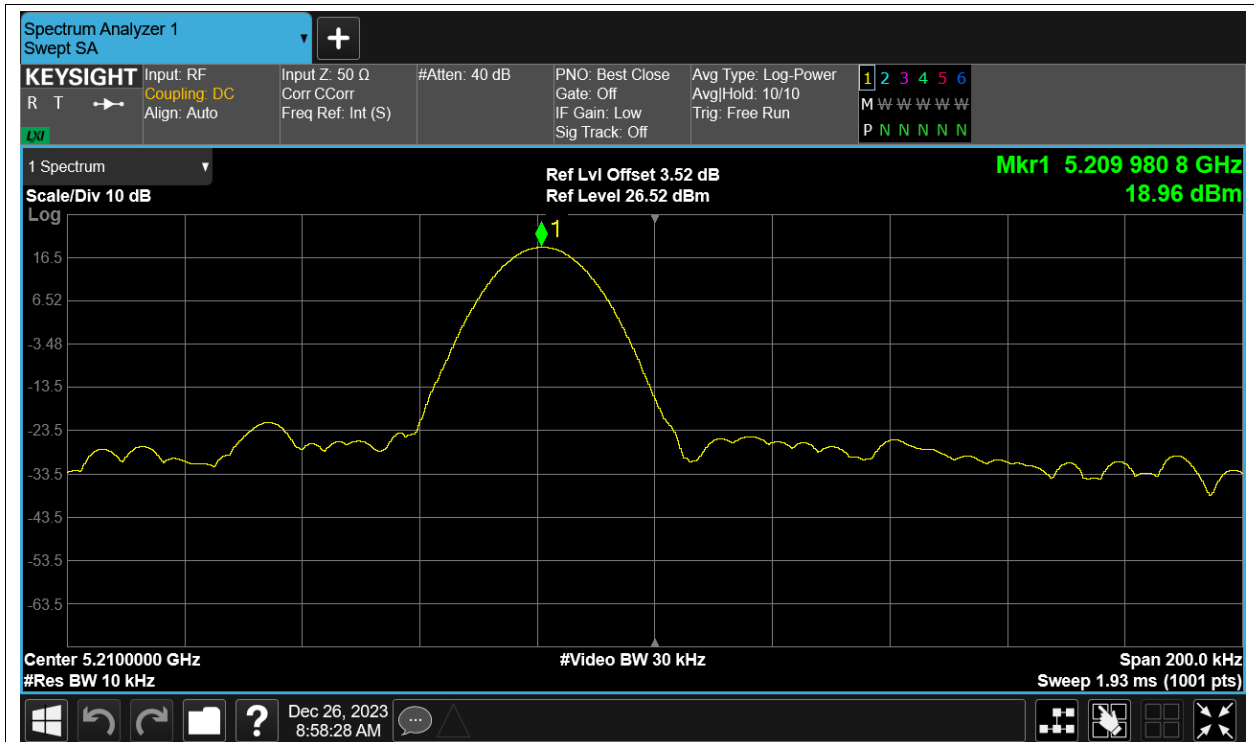
Freq. Stability LVNT ac80 5210MHz Ant1



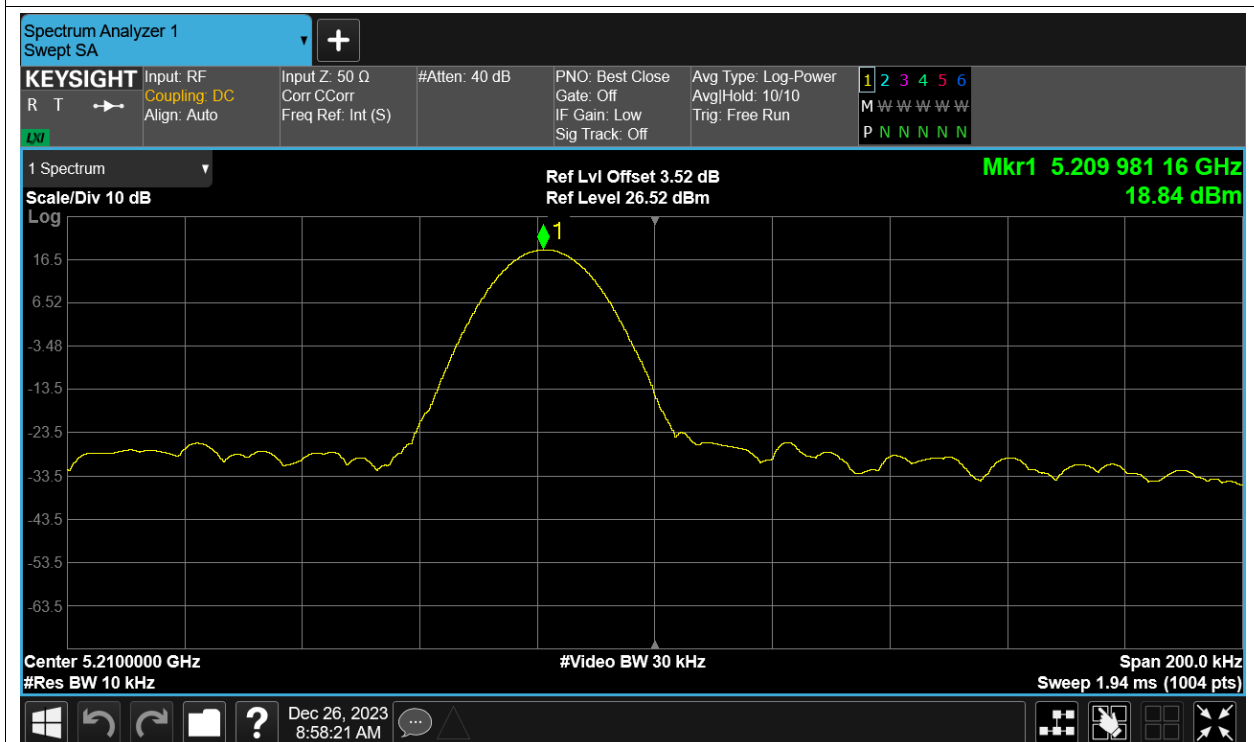
Freq. Stability NVHT ac80 5210MHz Ant1



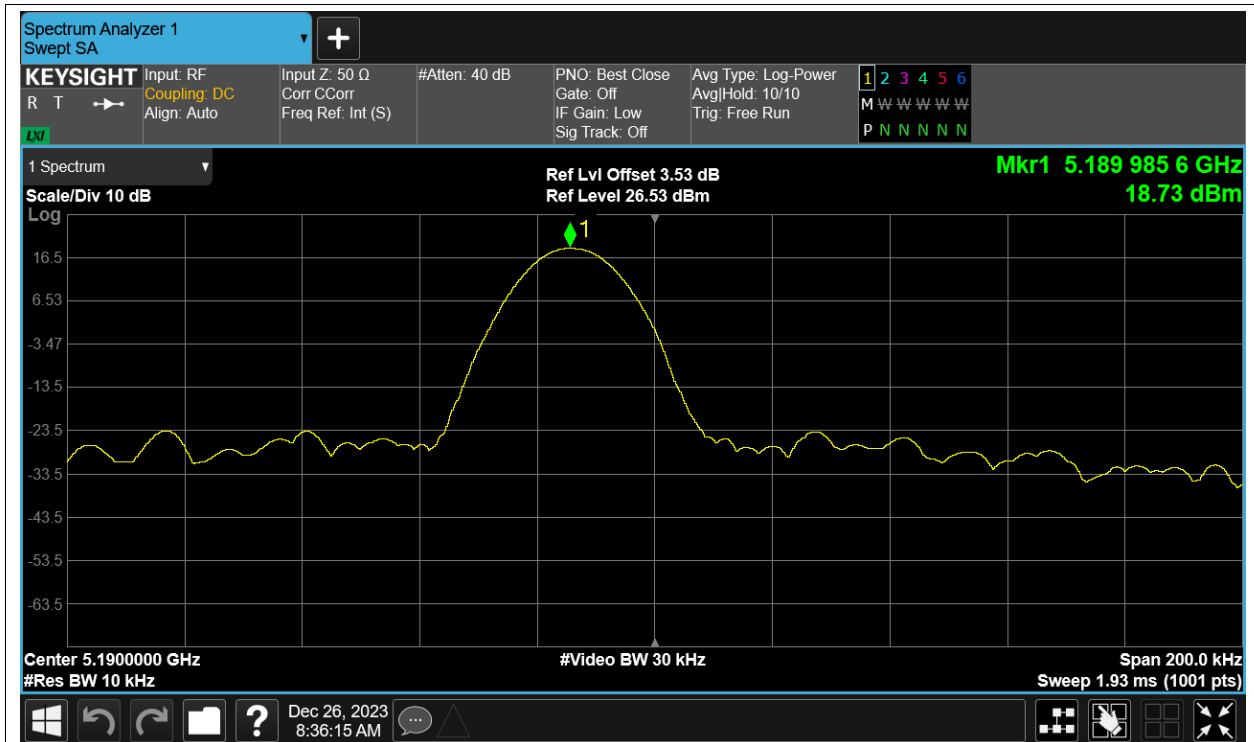
Freq. Stability NVLT ac80 5210MHz Ant1



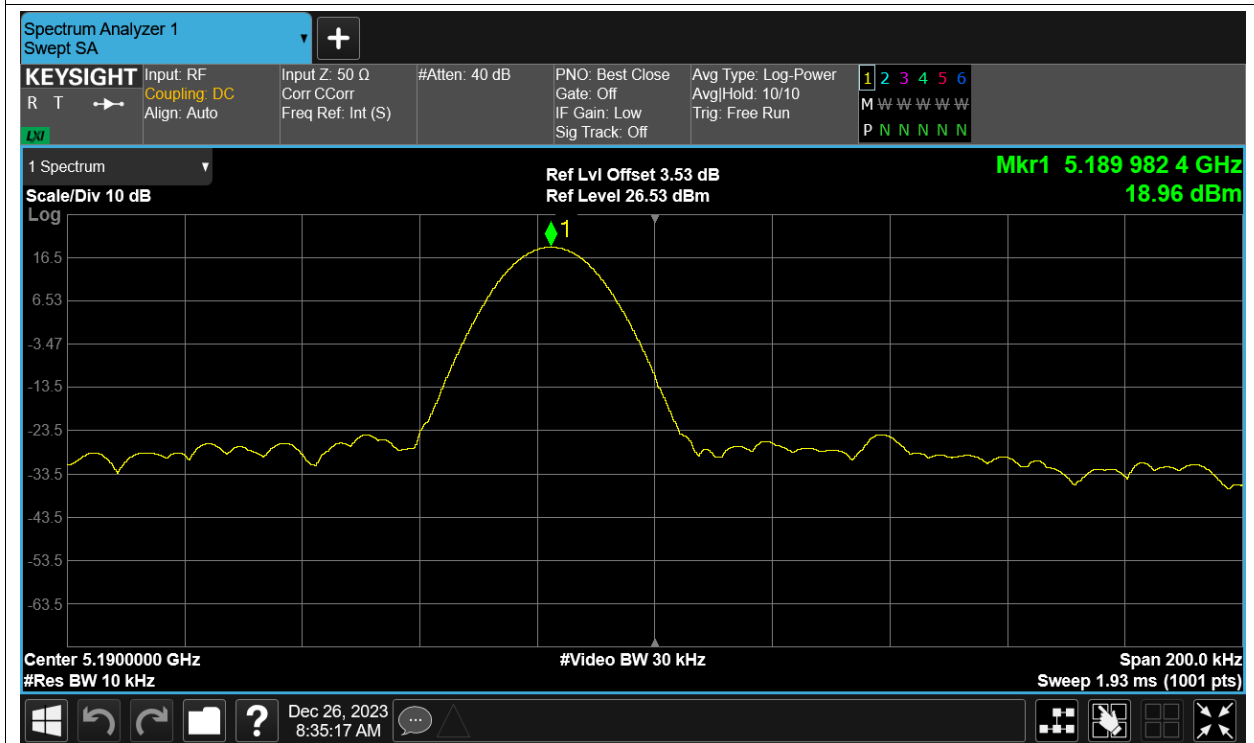
Freq. Stability NVNT ac80 5210MHz Ant1



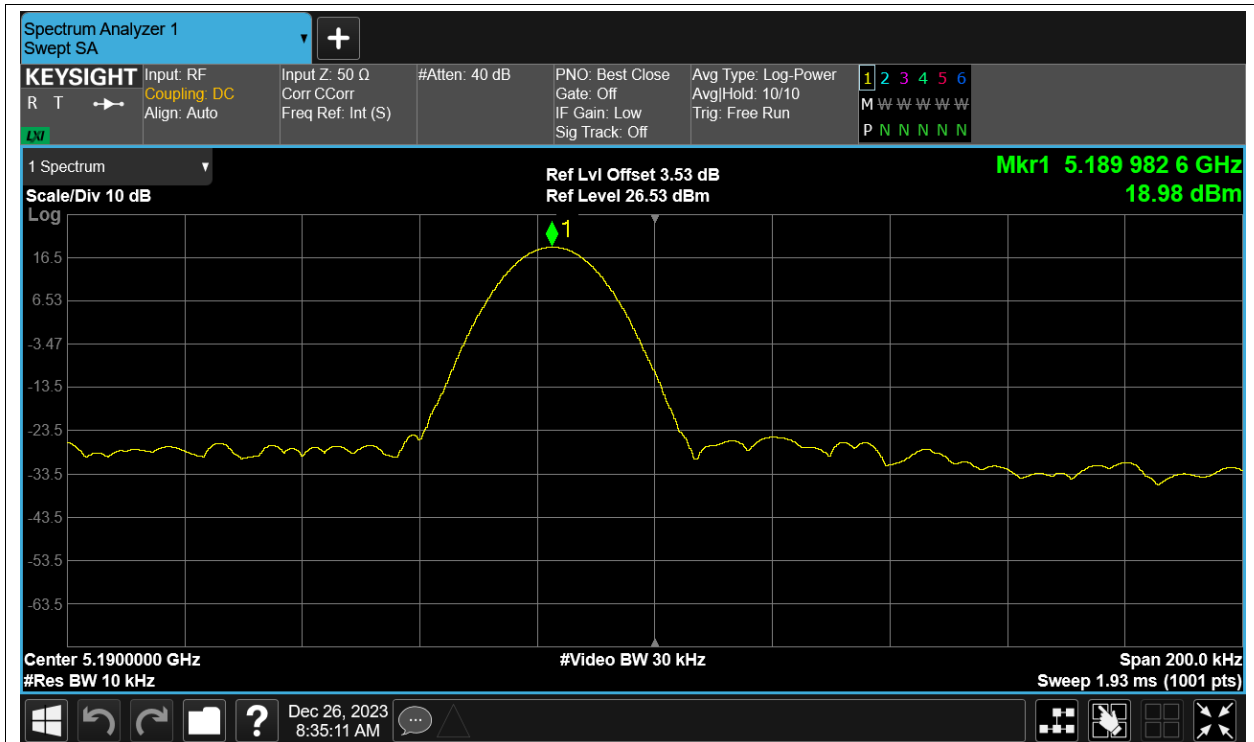
Freq. Stability HVNT n40 5190MHz Ant1



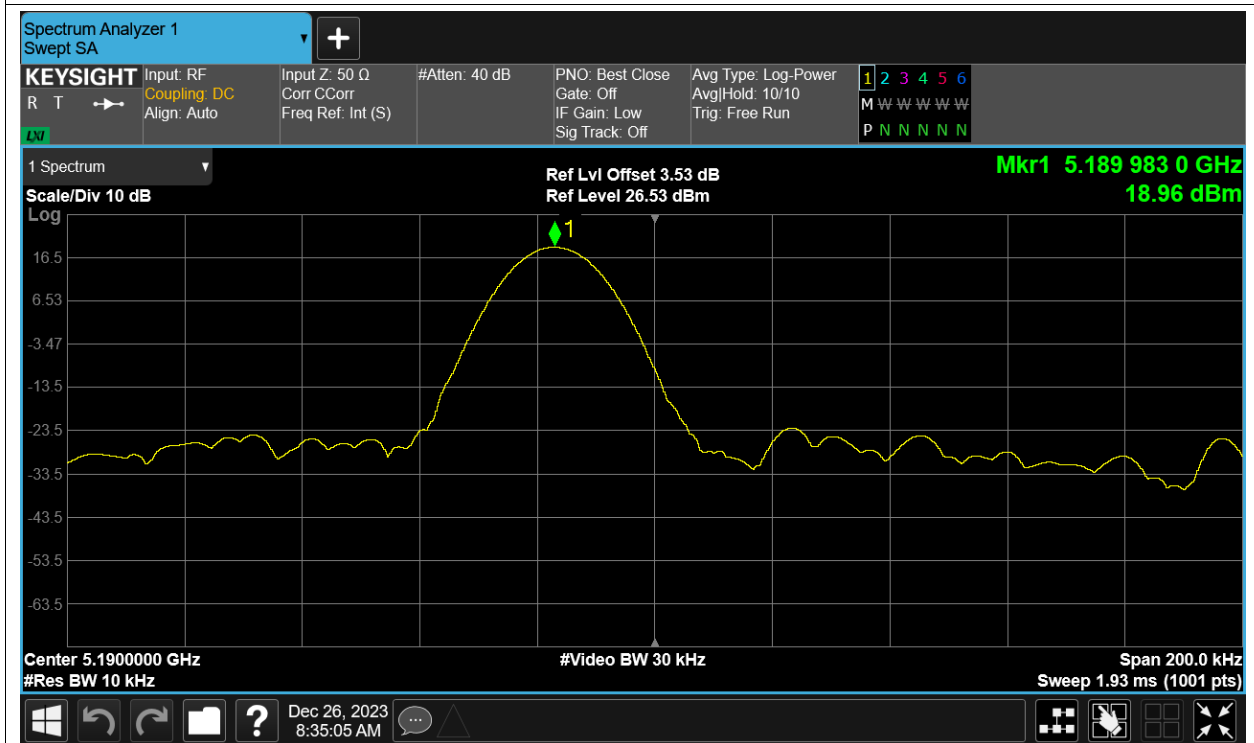
Freq. Stability LVNT n40 5190MHz Ant1



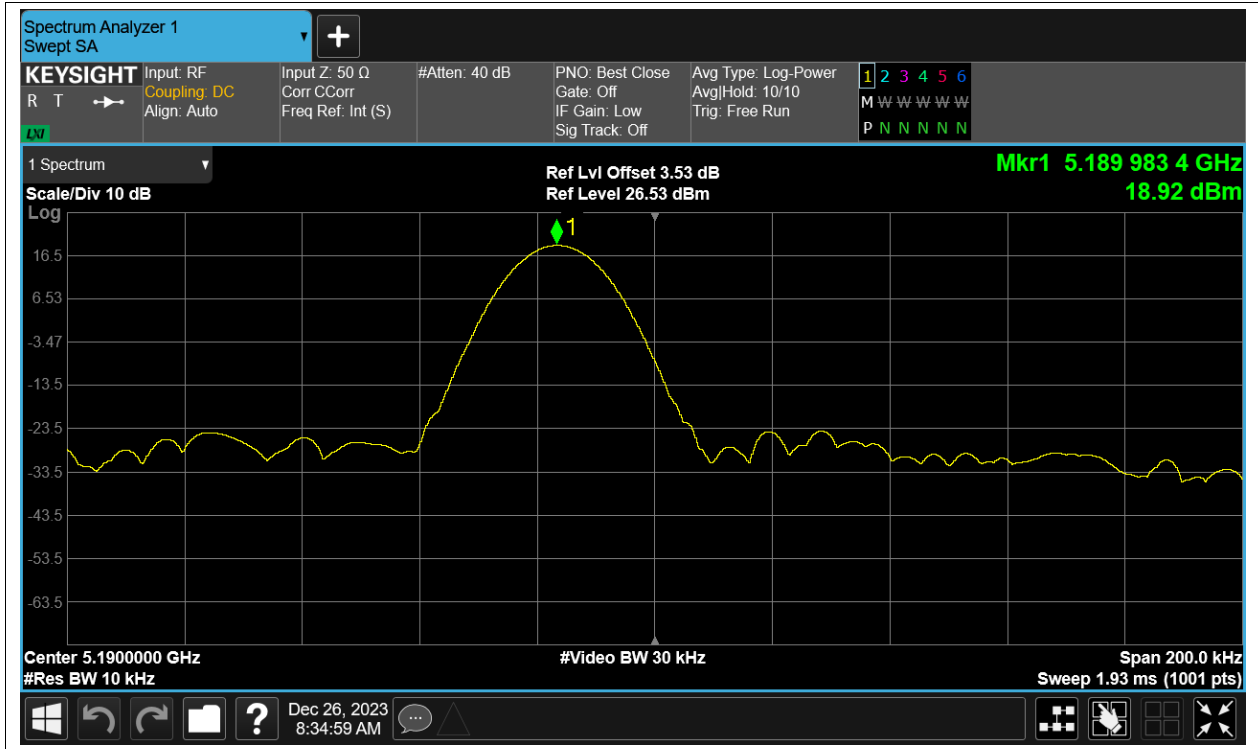
Freq. Stability NVHT n40 5190MHz Ant1



Freq. Stability NVLT n40 5190MHz Ant1



Freq. Stability NVNT n40 5190MHz Ant1

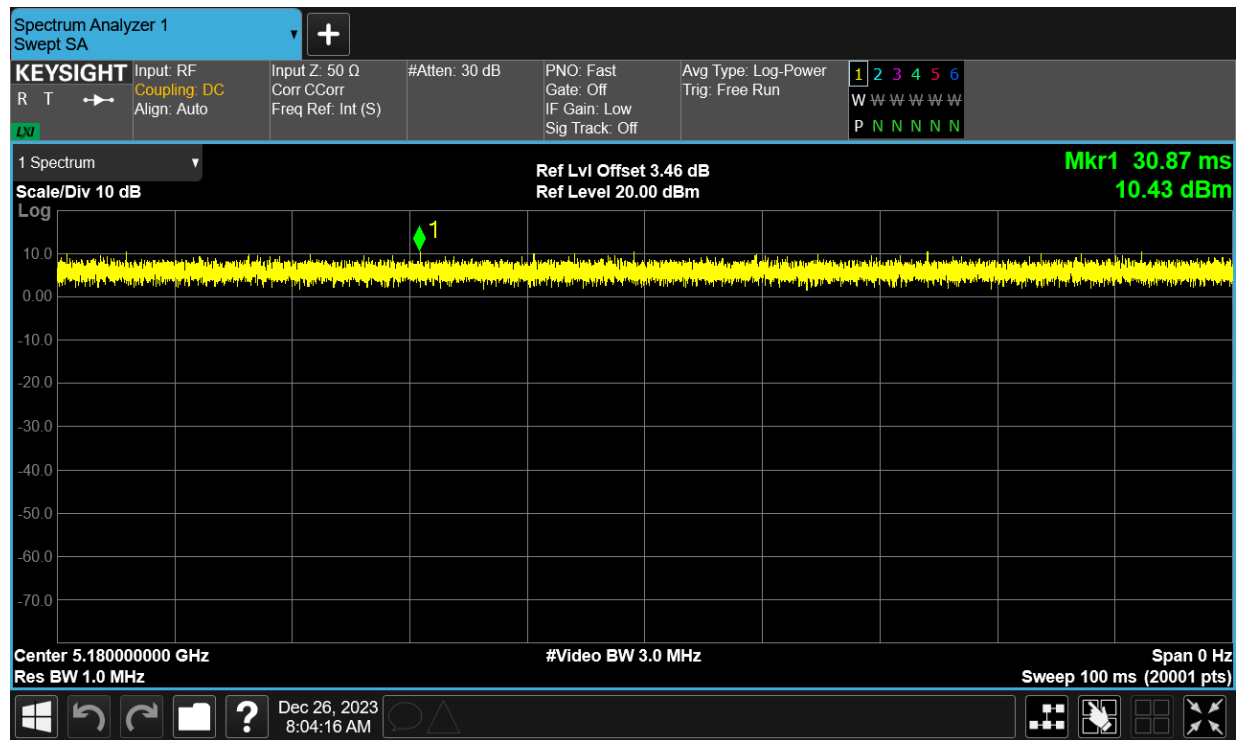


Duty Cycle

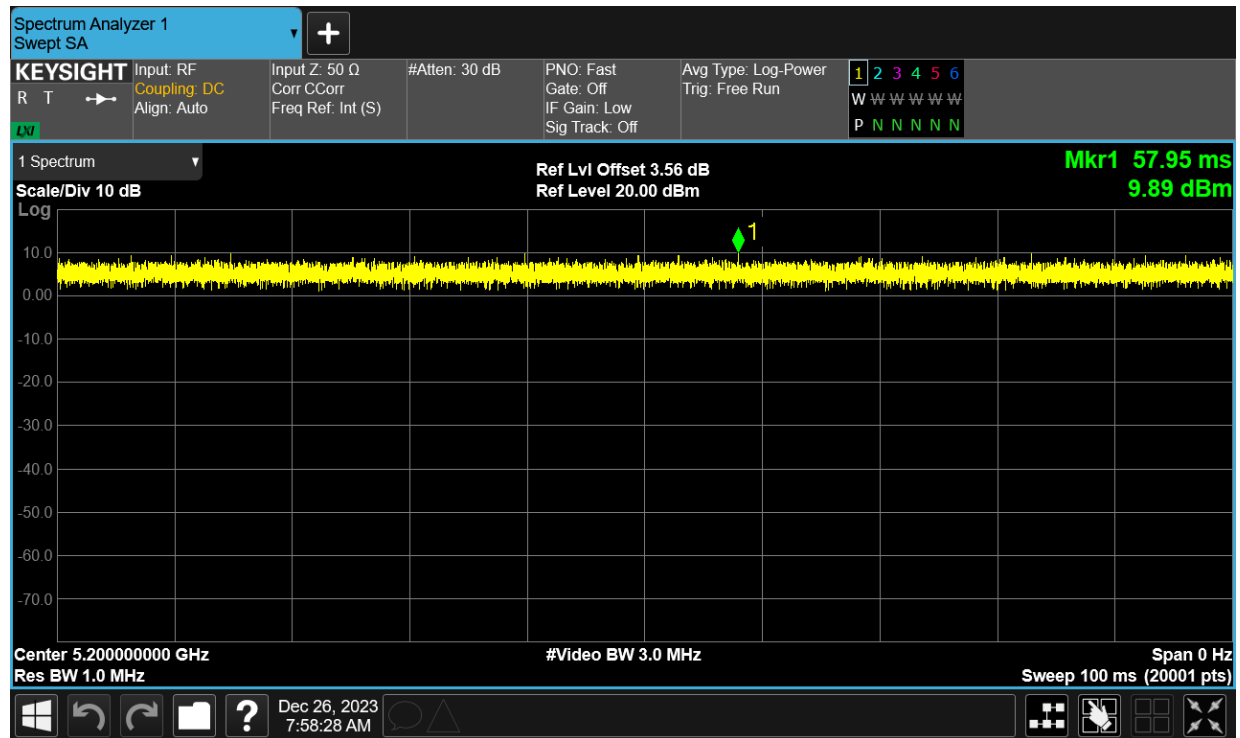
Condition	Mode	Frequency (MHz)	Antenna	Duty Cycle (%)	Correction Factor (dB)
NVNT	a	5180	Ant1	100	0
NVNT	a	5200	Ant1	100	0
NVNT	a	5240	Ant1	100	0
NVNT	ac20	5180	Ant1	100	0
NVNT	ac20	5200	Ant1	100	0
NVNT	ac20	5240	Ant1	100	0
NVNT	ac40	5190	Ant1	100	0
NVNT	ac40	5230	Ant1	100	0
NVNT	ac80	5210	Ant1	100	0
NVNT	n20	5180	Ant1	100	0
NVNT	n20	5200	Ant1	100	0
NVNT	n20	5240	Ant1	100	0
NVNT	n40	5190	Ant1	100	0
NVNT	n40	5230	Ant1	100	0

Test Graphs

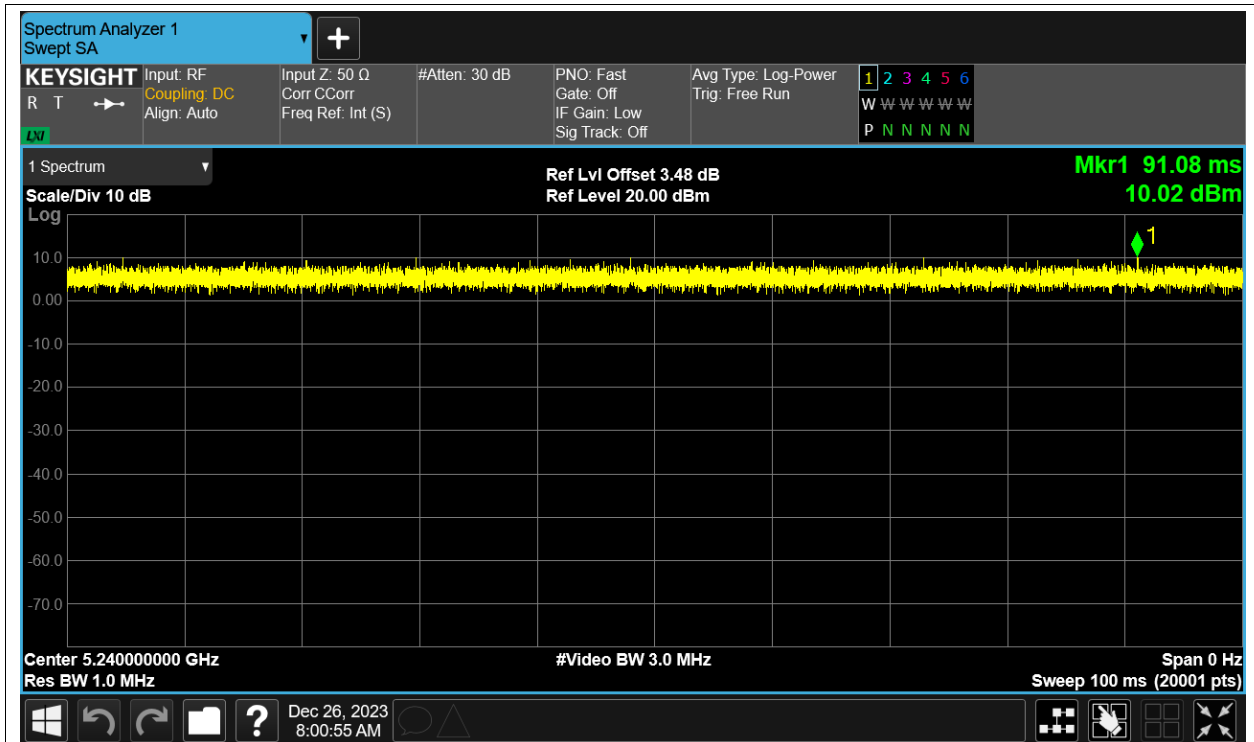
Duty Cycle NVNT a 5180MHz Ant1



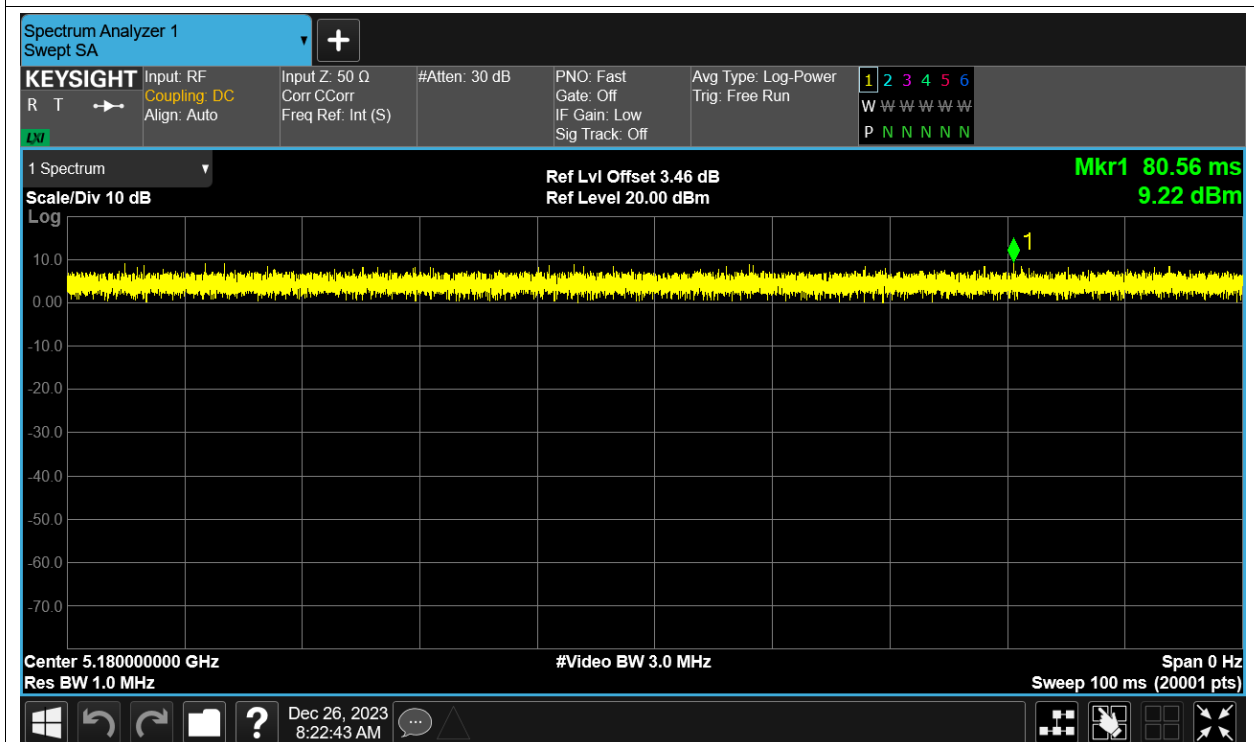
Duty Cycle NVNT a 5200MHz Ant1



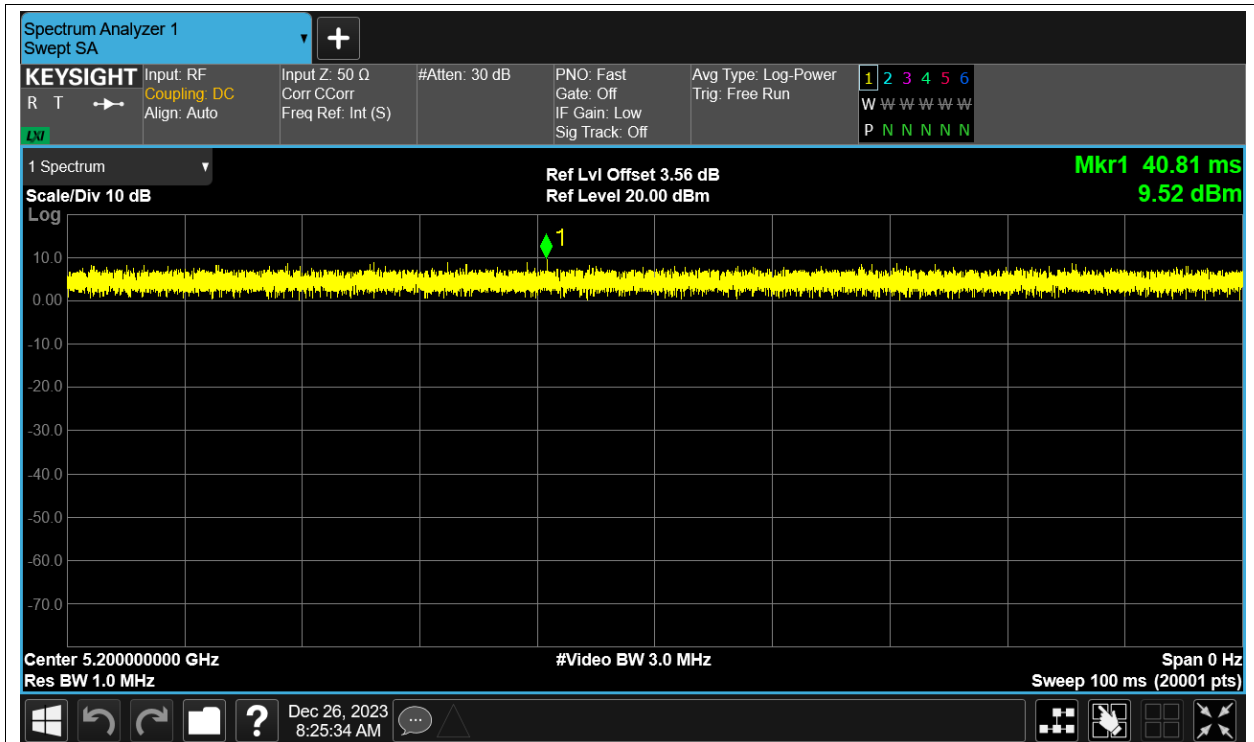
Duty Cycle NVNT a 5240MHz Ant1



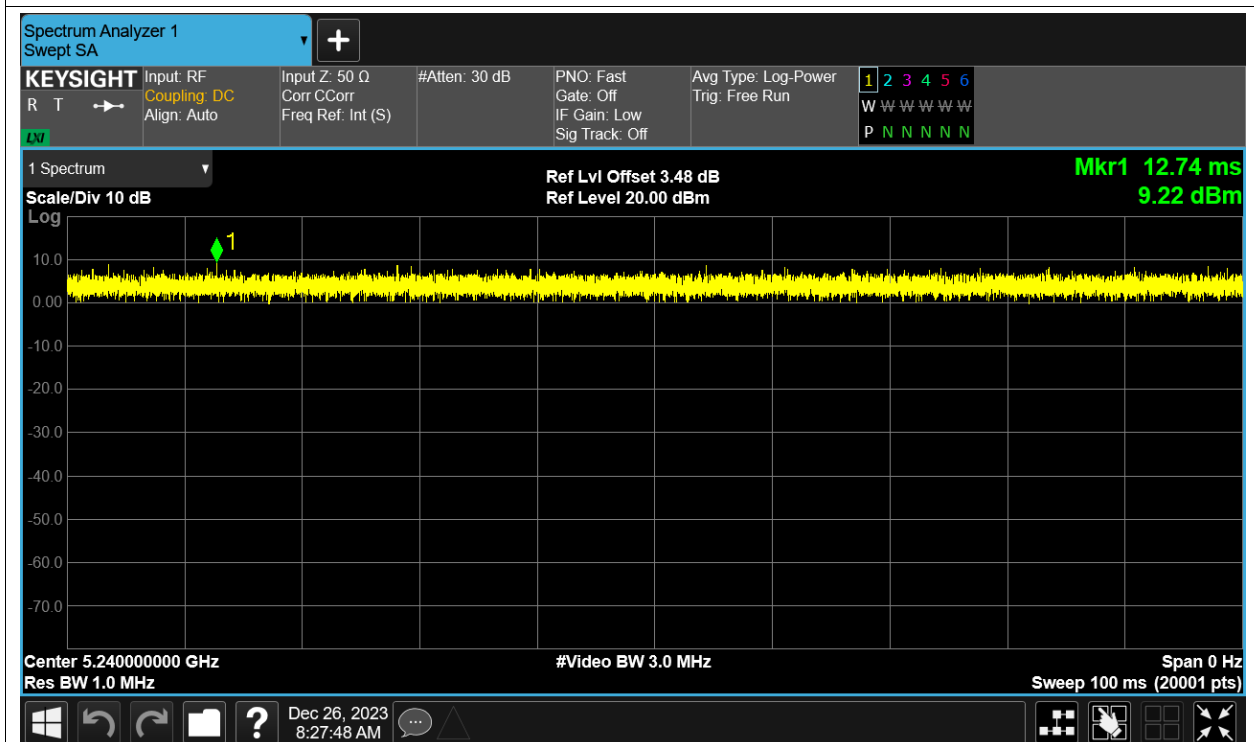
Duty Cycle NVNT ac20 5180MHz Ant1



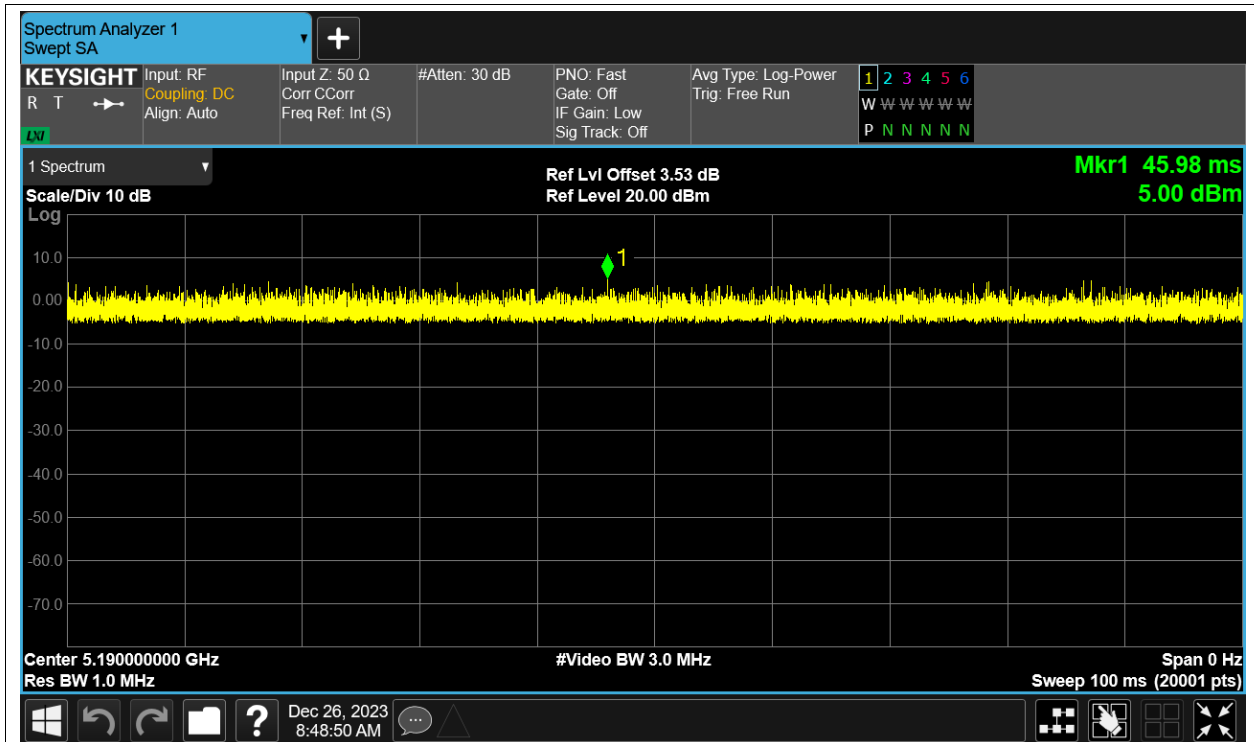
Duty Cycle NVNT ac20 5200MHz Ant1



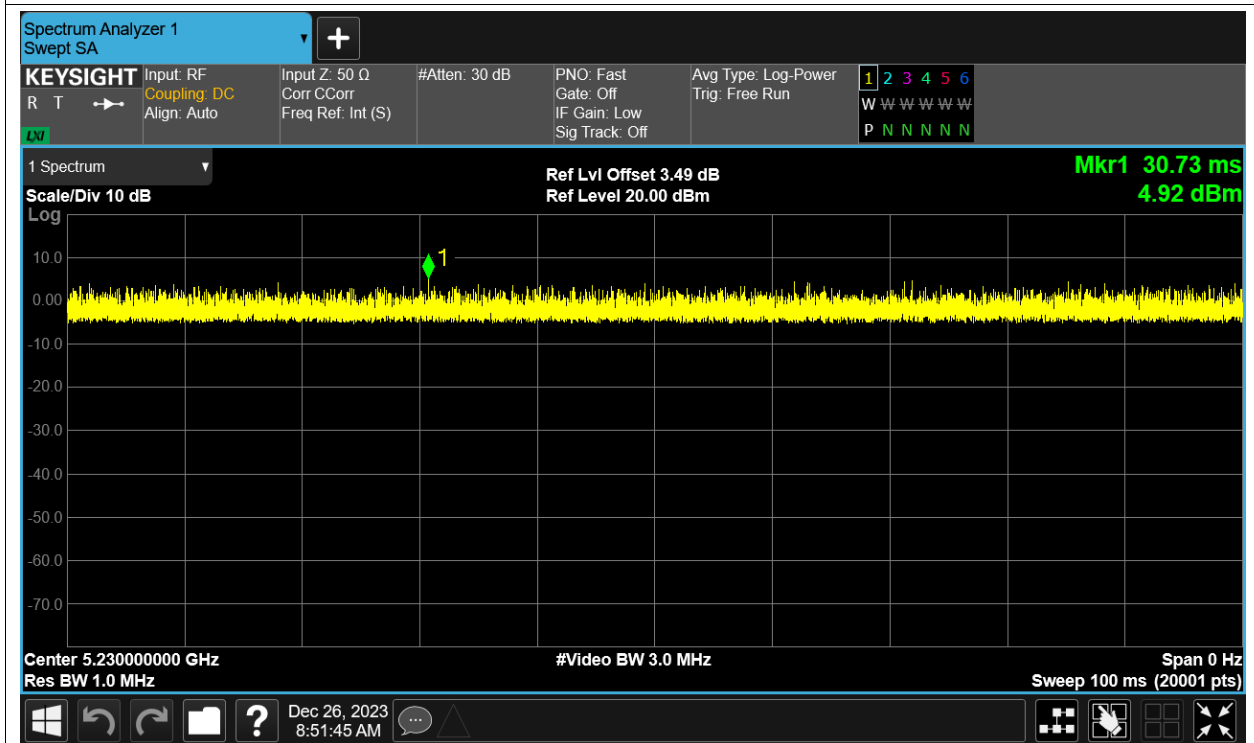
Duty Cycle NVNT ac20 5240MHz Ant1



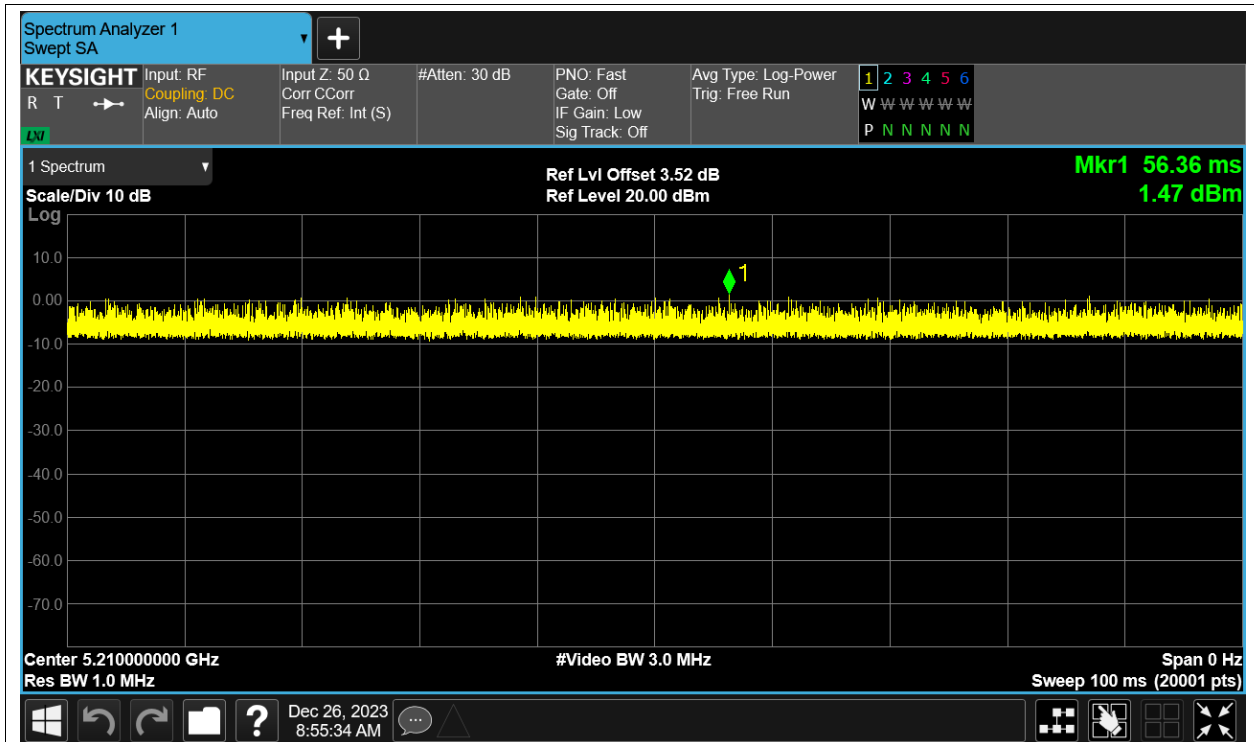
Duty Cycle NVNT ac40 5190MHz Ant1



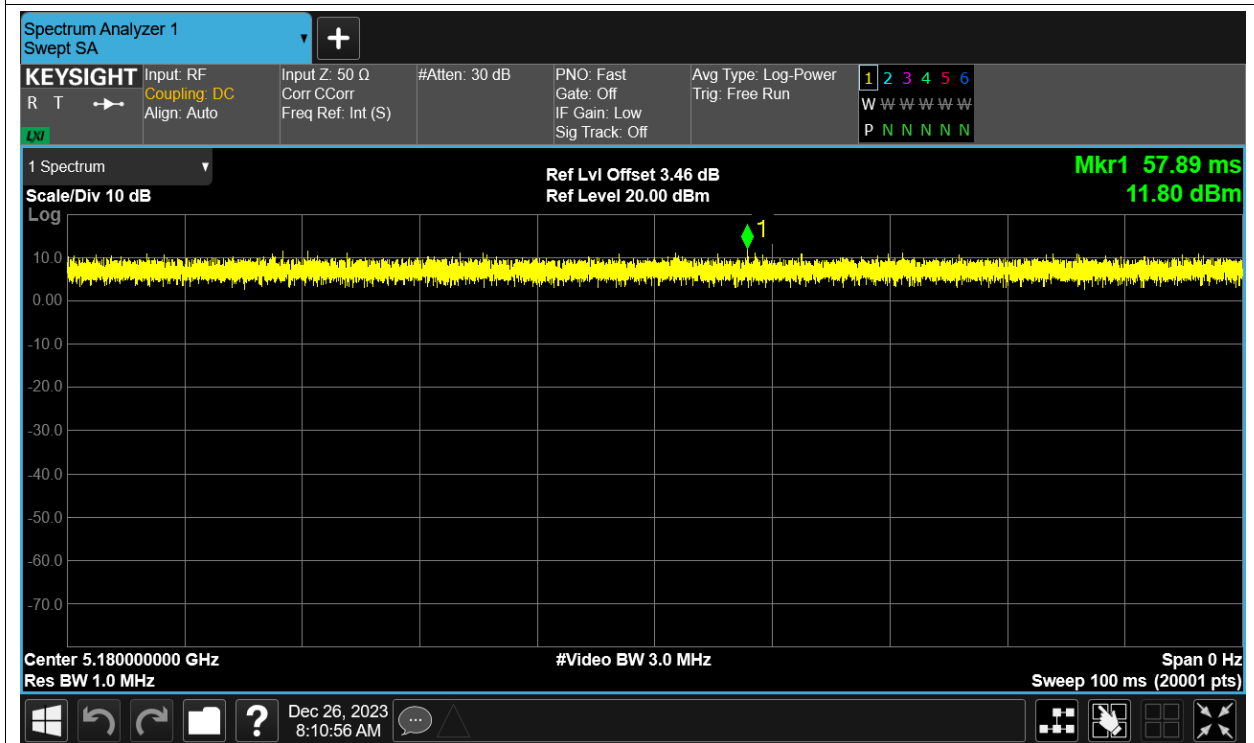
Duty Cycle NVNT ac40 5230MHz Ant1



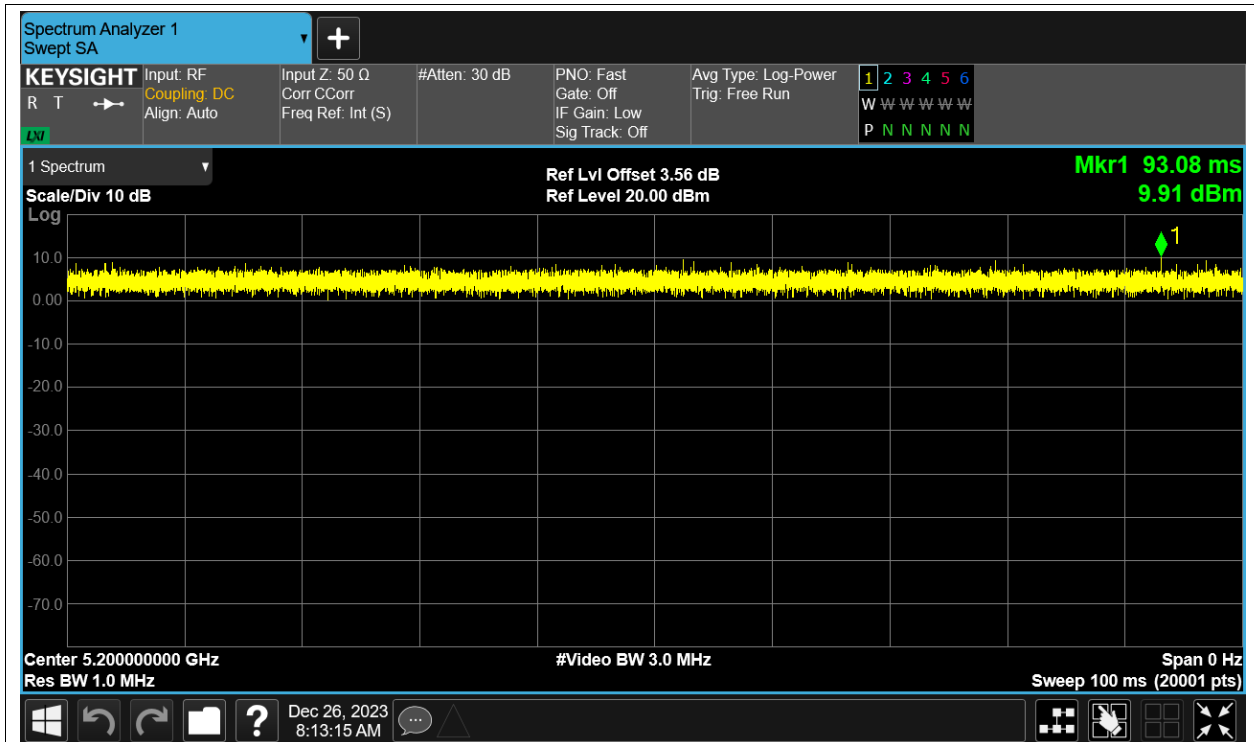
Duty Cycle NVNT ac80 5210MHz Ant1



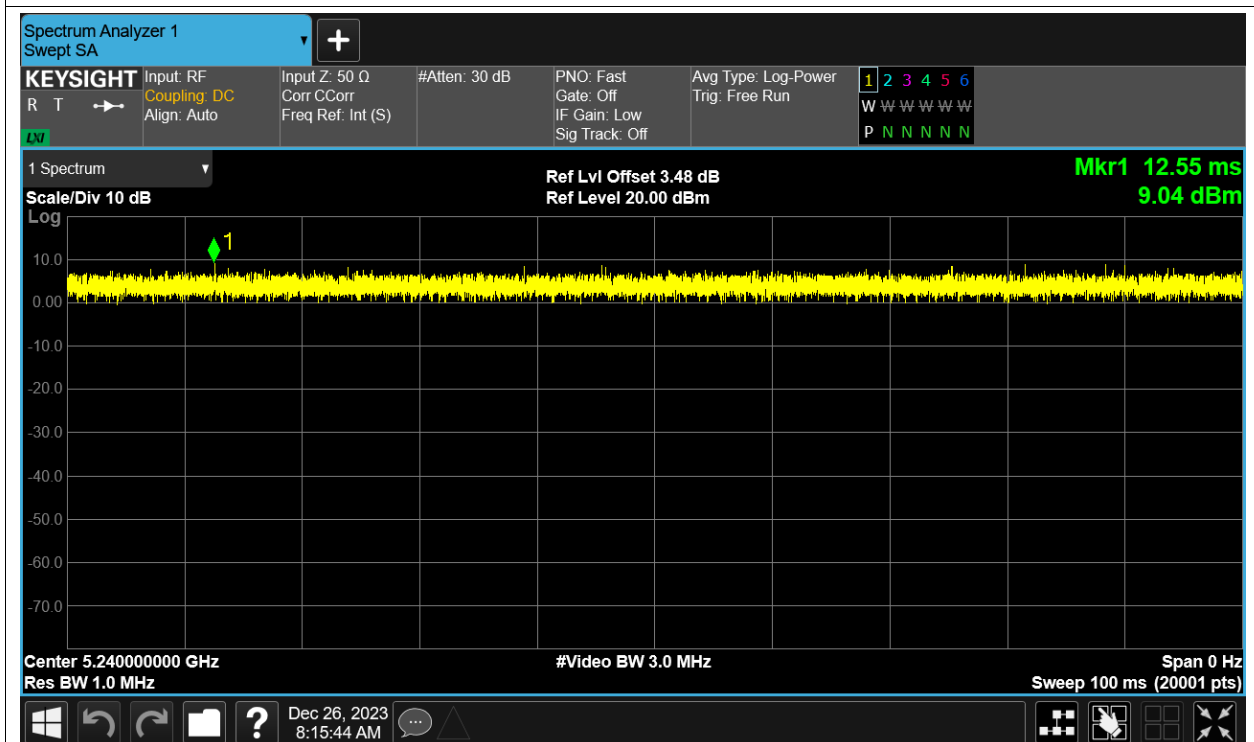
Duty Cycle NVNT n20 5180MHz Ant1



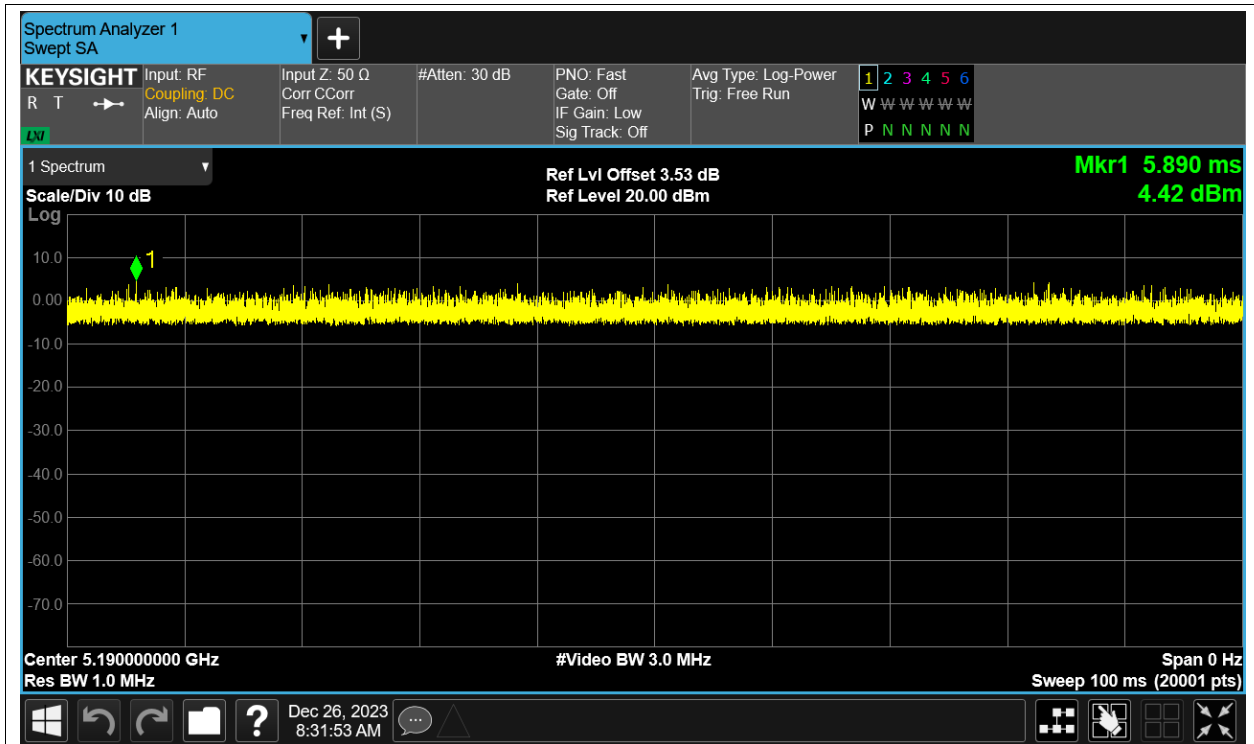
Duty Cycle NVNT n20 5200MHz Ant1



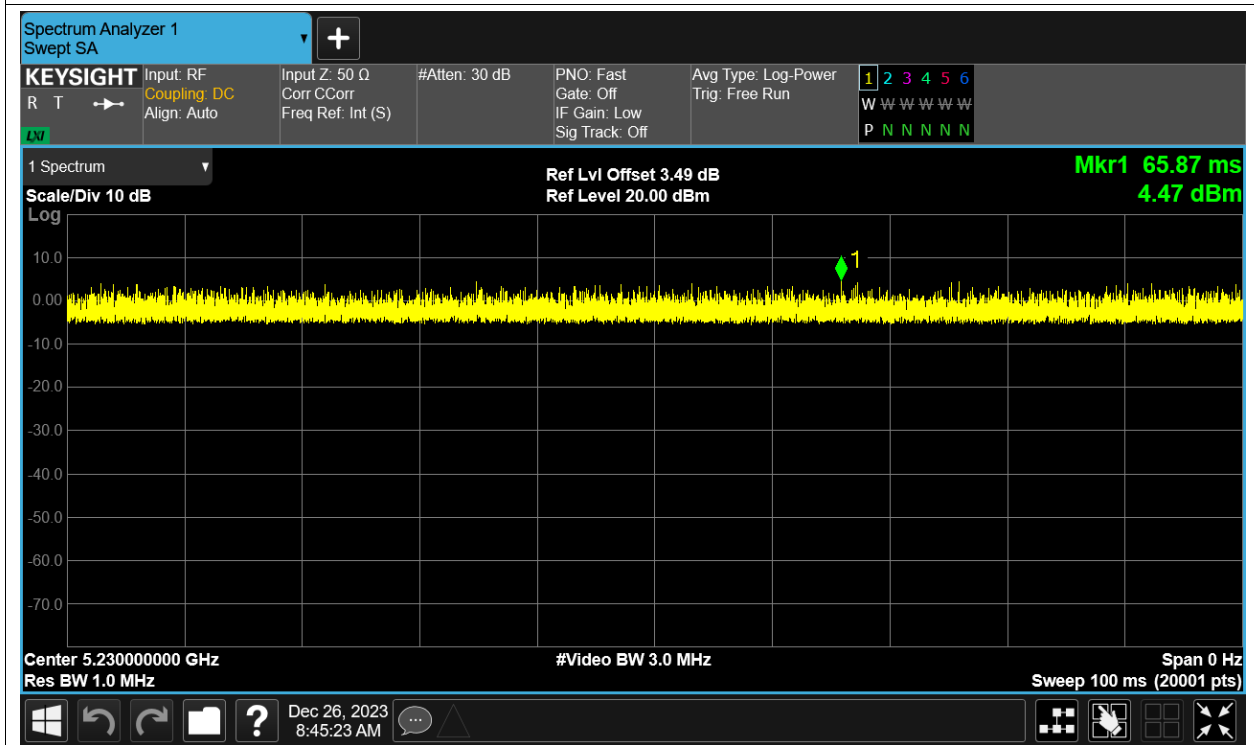
Duty Cycle NVNT n20 5240MHz Ant1



Duty Cycle NVNT n40 5190MHz Ant1



Duty Cycle NVNT n40 5230MHz Ant1



Maximum Conducted Output Power

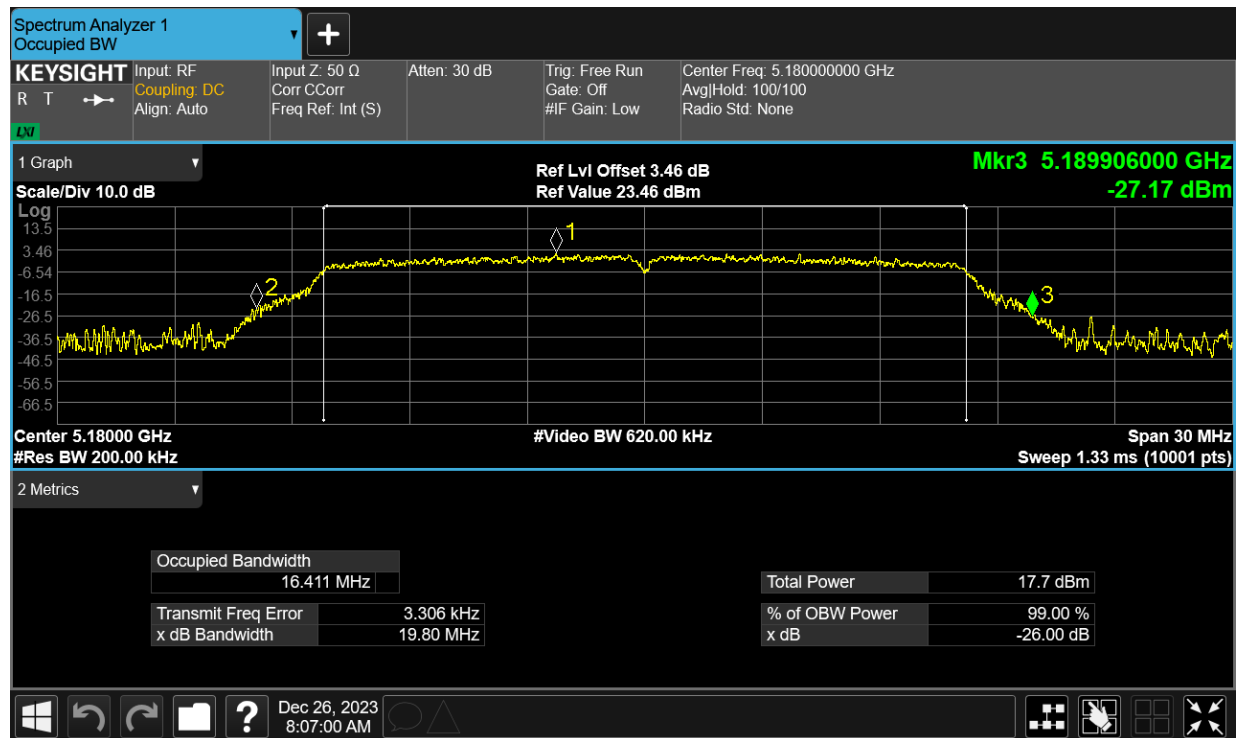
Condition	Mode	Frequency (MHz)	Antenna	Conducted Power (dBm)	Duty Factor (dB)	Total Power (dBm)	Limit (dBm)	Verdict
NVNT	a	5180	Ant1	13.68	0	13.68	24	Pass
NVNT	a	5200	Ant1	12.97	0	12.97	24	Pass
NVNT	a	5240	Ant1	13.39	0	13.39	24	Pass
NVNT	ac20	5180	Ant1	12.29	0	12.29	24	Pass
NVNT	ac20	5200	Ant1	11.82	0	11.82	24	Pass
NVNT	ac20	5240	Ant1	12.14	0	12.14	24	Pass
NVNT	ac40	5190	Ant1	12.02	0	12.02	24	Pass
NVNT	ac40	5230	Ant1	12.01	0	12.01	24	Pass
NVNT	ac80	5210	Ant1	11.49	0	11.49	24	Pass
NVNT	n20	5180	Ant1	14.89	0	14.89	24	Pass
NVNT	n20	5200	Ant1	11.81	0	11.81	24	Pass
NVNT	n20	5240	Ant1	12.15	0	12.15	24	Pass
NVNT	n40	5190	Ant1	11.73	0	11.73	24	Pass
NVNT	n40	5230	Ant1	11.76	0	11.76	24	Pass

-26dB Bandwidth

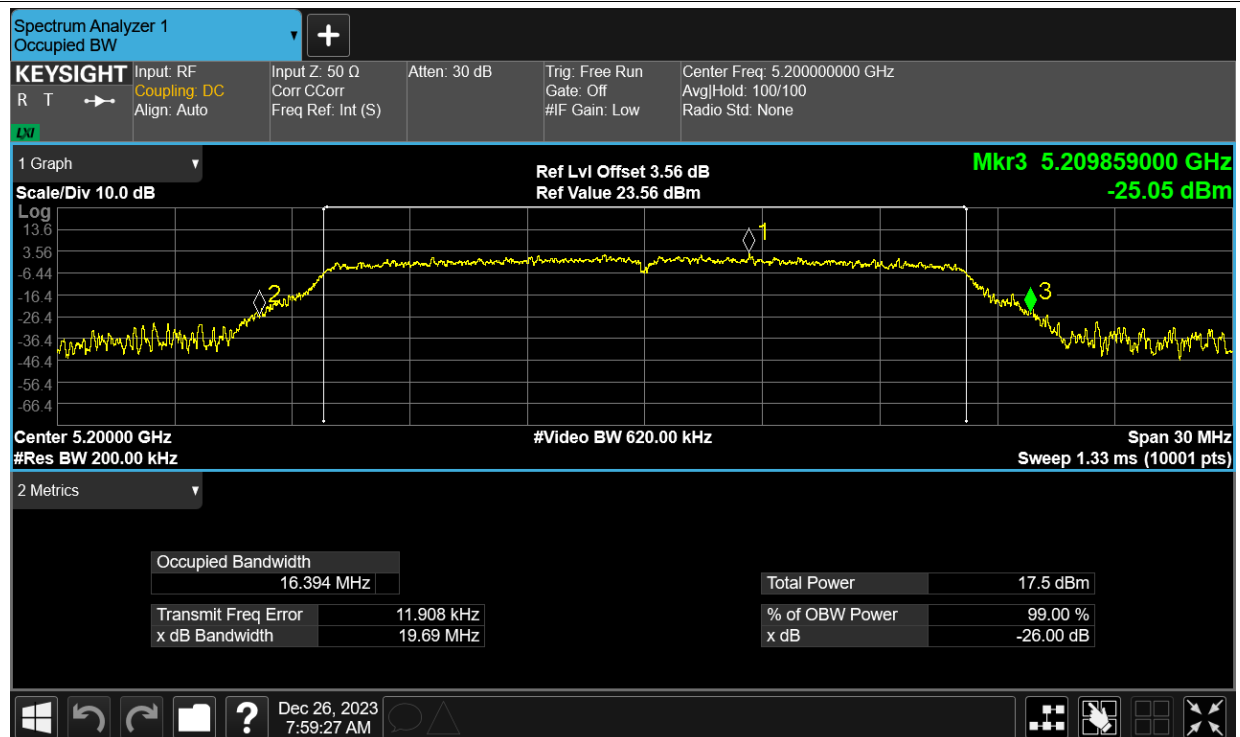
Condition	Mode	Frequency (MHz)	Antenna	-26 dB Bandwidth (MHz)
NVNT	a	5180	Ant1	19.805
NVNT	a	5200	Ant1	19.695
NVNT	a	5240	Ant1	19.64
NVNT	ac20	5180	Ant1	20.05
NVNT	ac20	5200	Ant1	20.016
NVNT	ac20	5240	Ant1	20.219
NVNT	ac40	5190	Ant1	39.097
NVNT	ac40	5230	Ant1	39.083
NVNT	ac80	5210	Ant1	78.768
NVNT	n20	5180	Ant1	19.999
NVNT	n20	5200	Ant1	20.221
NVNT	n20	5240	Ant1	20.093
NVNT	n40	5190	Ant1	39.196
NVNT	n40	5230	Ant1	39.155

Test Graphs

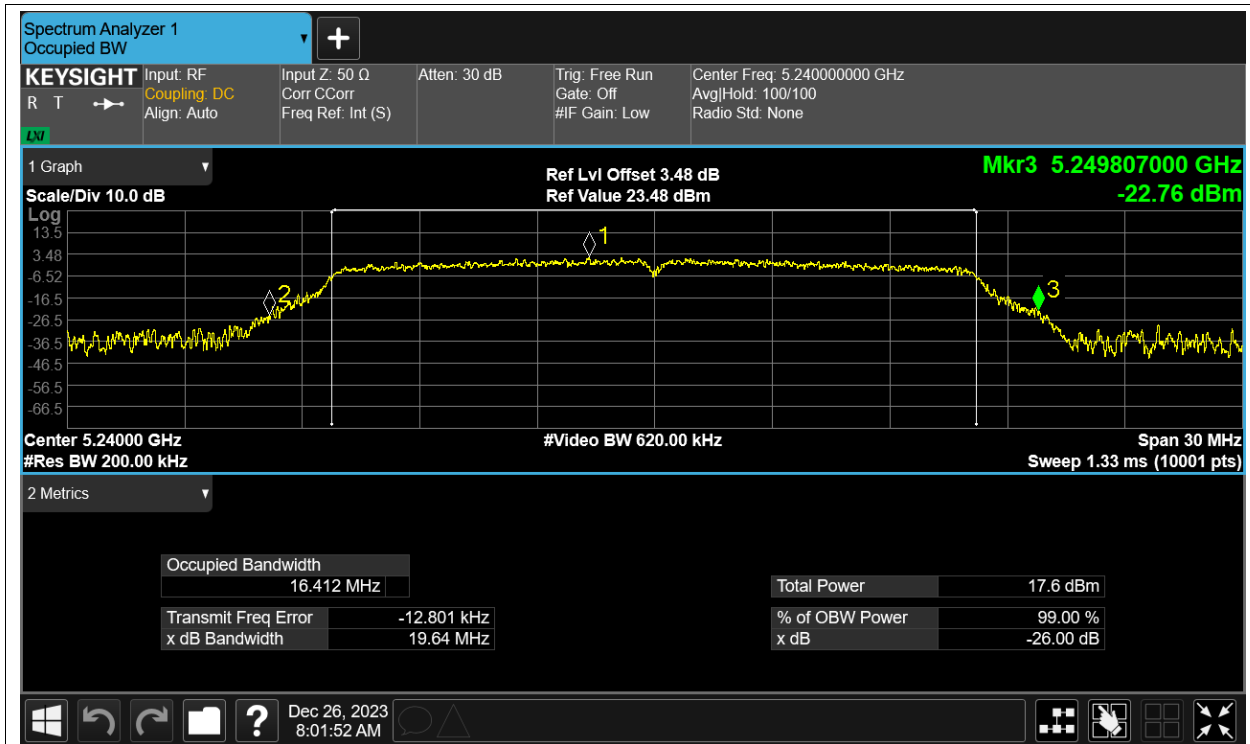
-26dB Bandwidth NVNT a 5180MHz Ant1



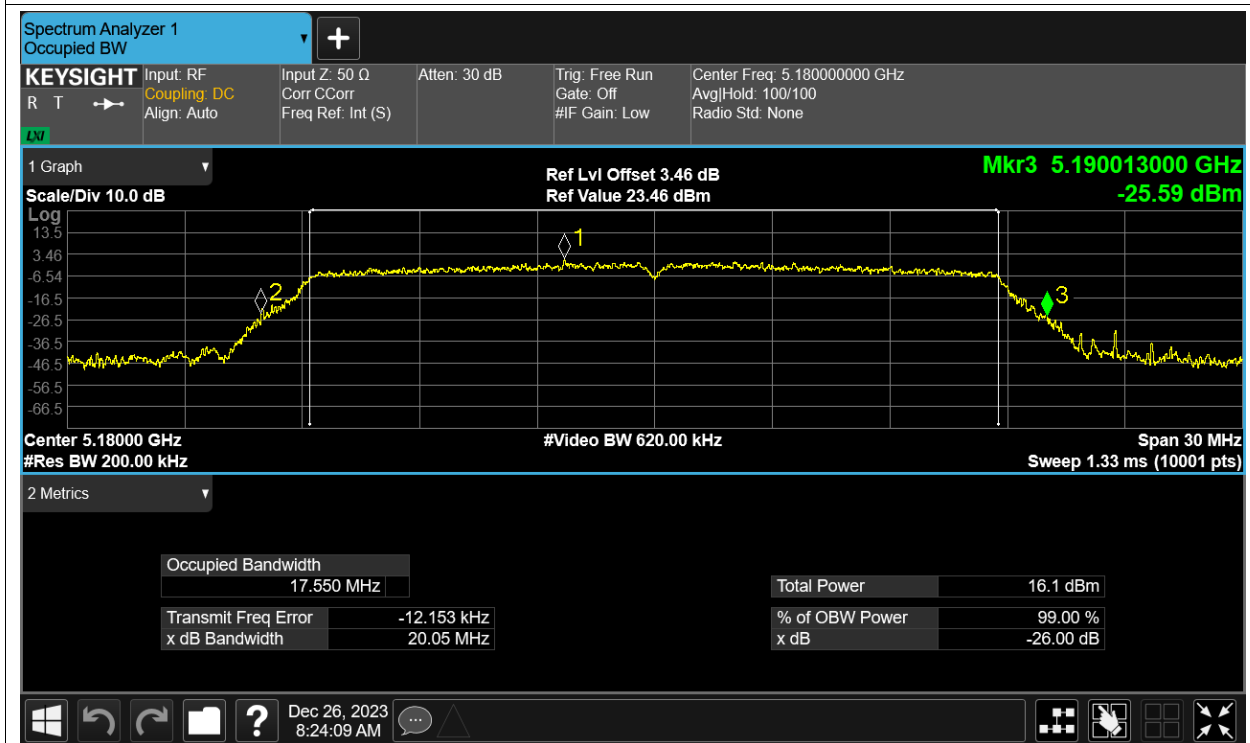
-26dB Bandwidth NVNT a 5200MHz Ant1



-26dB Bandwidth NVNT a 5240MHz Ant1



-26dB Bandwidth NVNT ac20 5180MHz Ant1



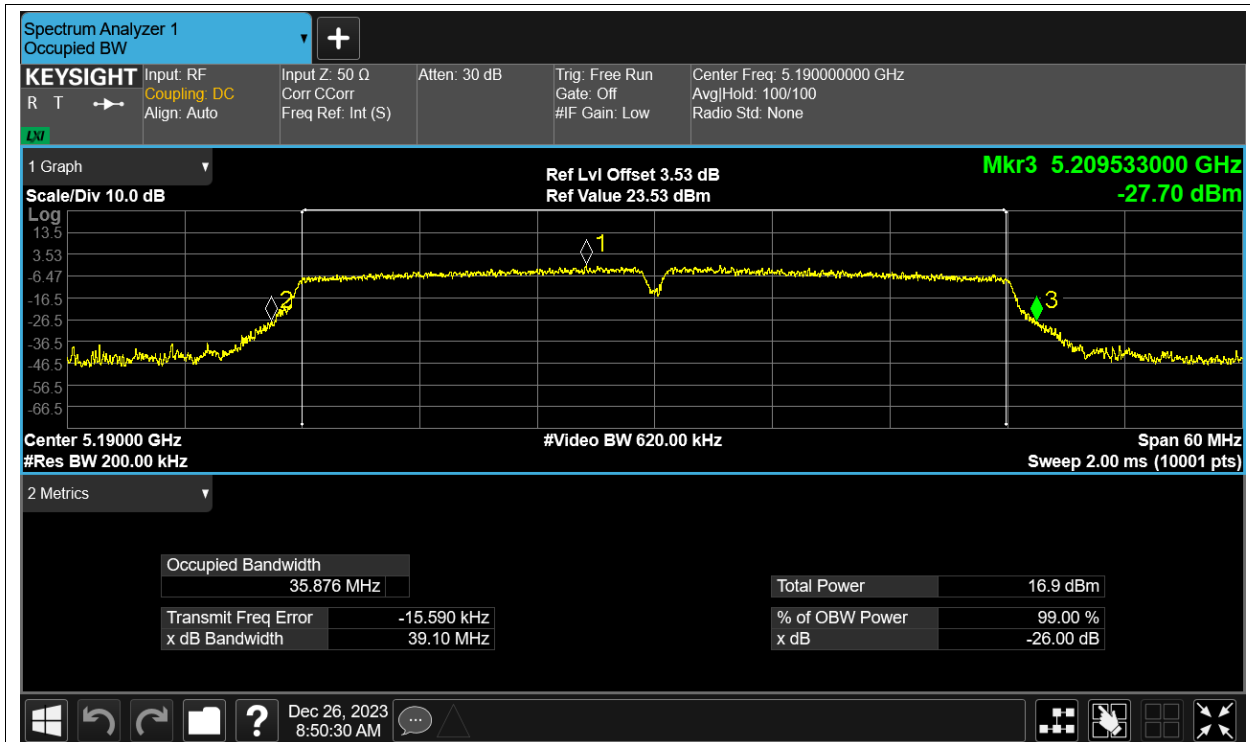
-26dB Bandwidth NVNT ac20 5200MHz Ant1



-26dB Bandwidth NVNT ac20 5240MHz Ant1



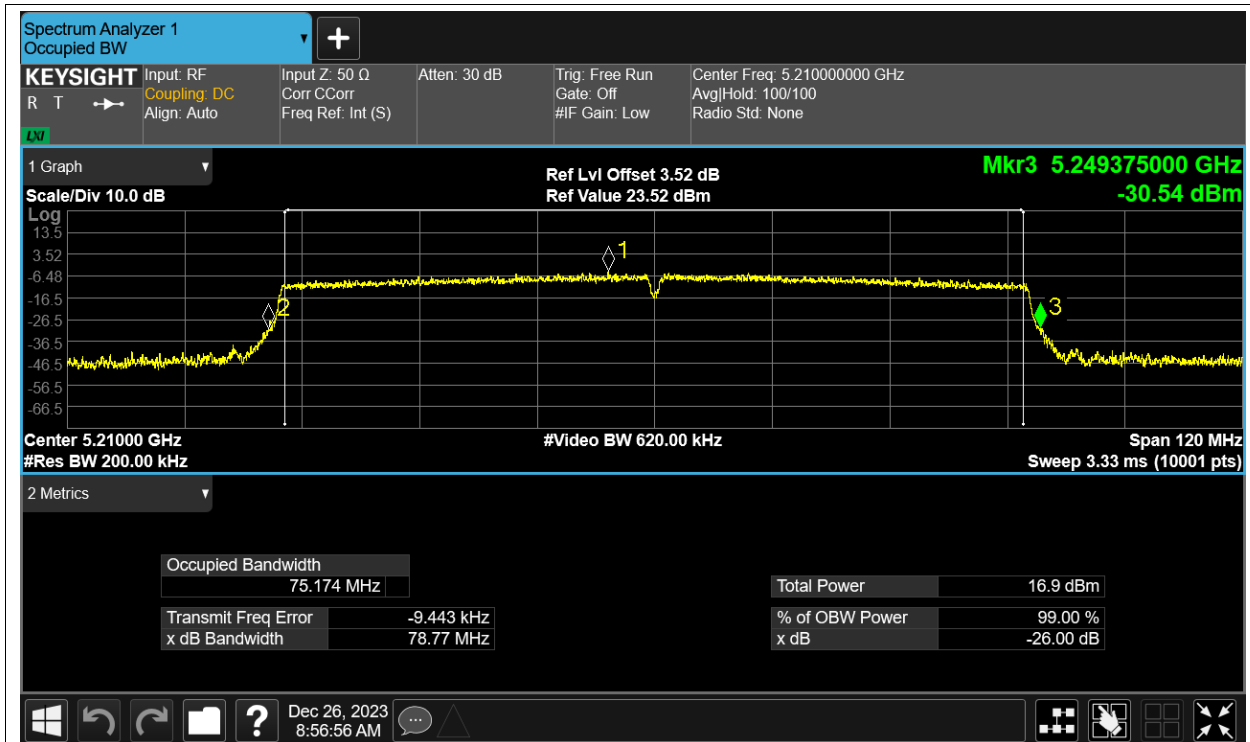
-26dB Bandwidth NVNT ac40 5190MHz Ant1



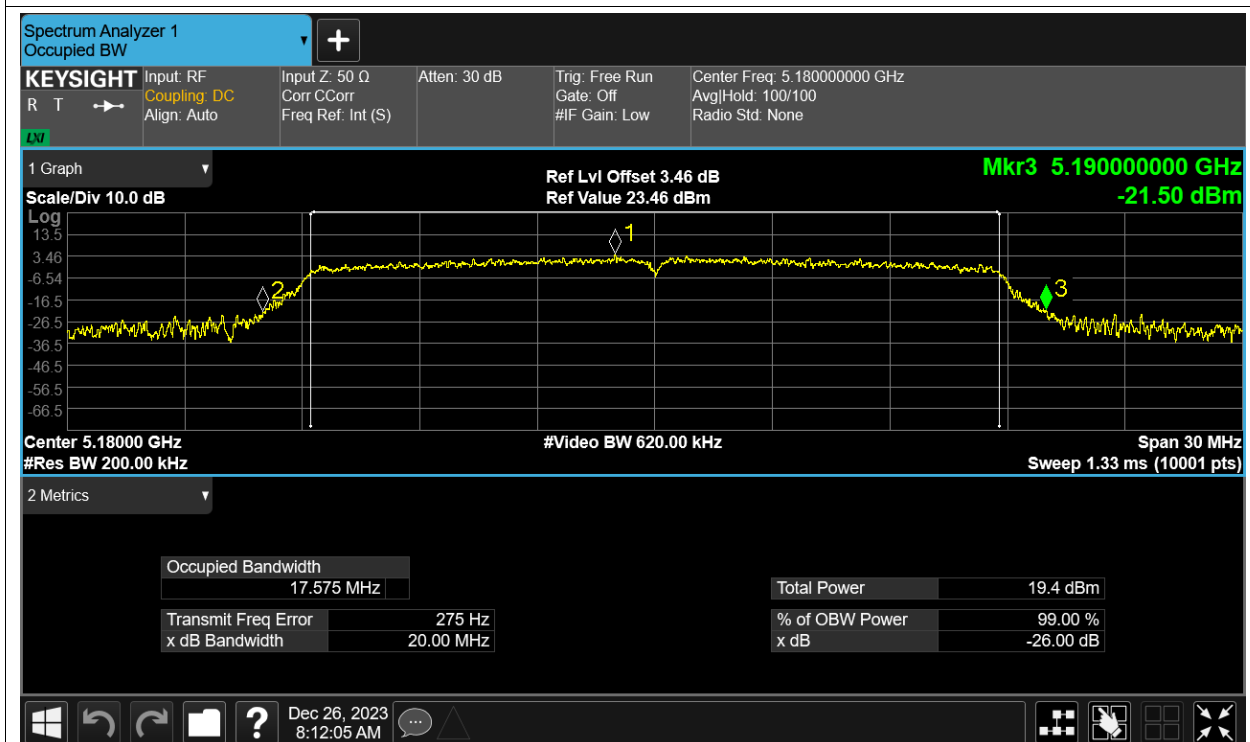
-26dB Bandwidth NVNT ac40 5230MHz Ant1



-26dB Bandwidth NVNT ac80 5210MHz Ant1



-26dB Bandwidth NVNT n20 5180MHz Ant1



-26dB Bandwidth NVNT n20 5200MHz Ant1



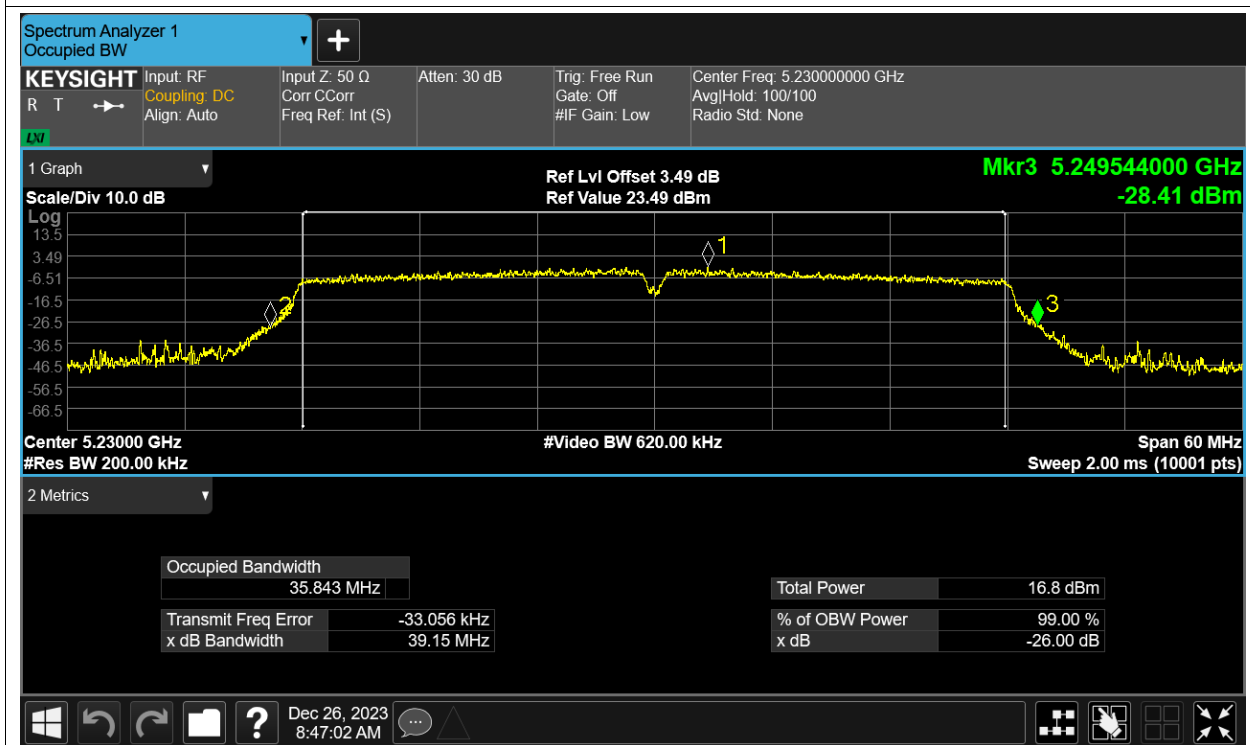
-26dB Bandwidth NVNT n20 5240MHz Ant1



-26dB Bandwidth NVNT n40 5190MHz Ant1



-26dB Bandwidth NVNT n40 5230MHz Ant1

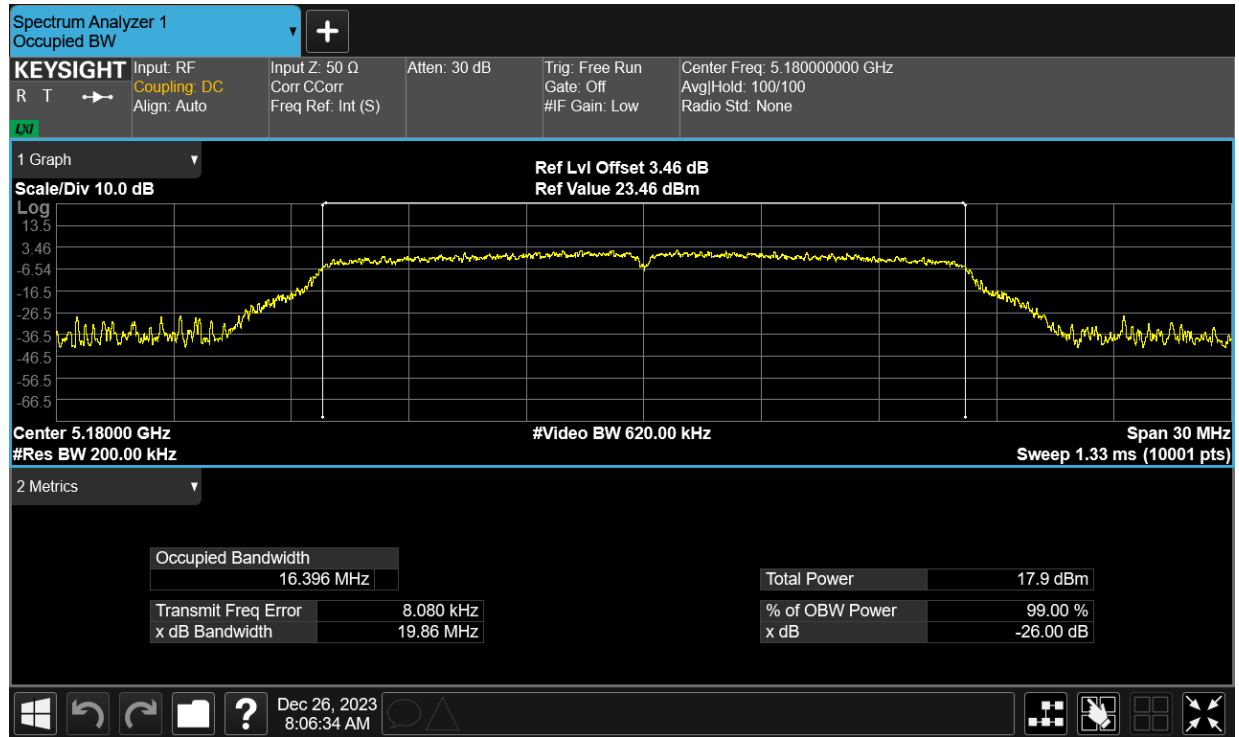


Occupied Channel Bandwidth

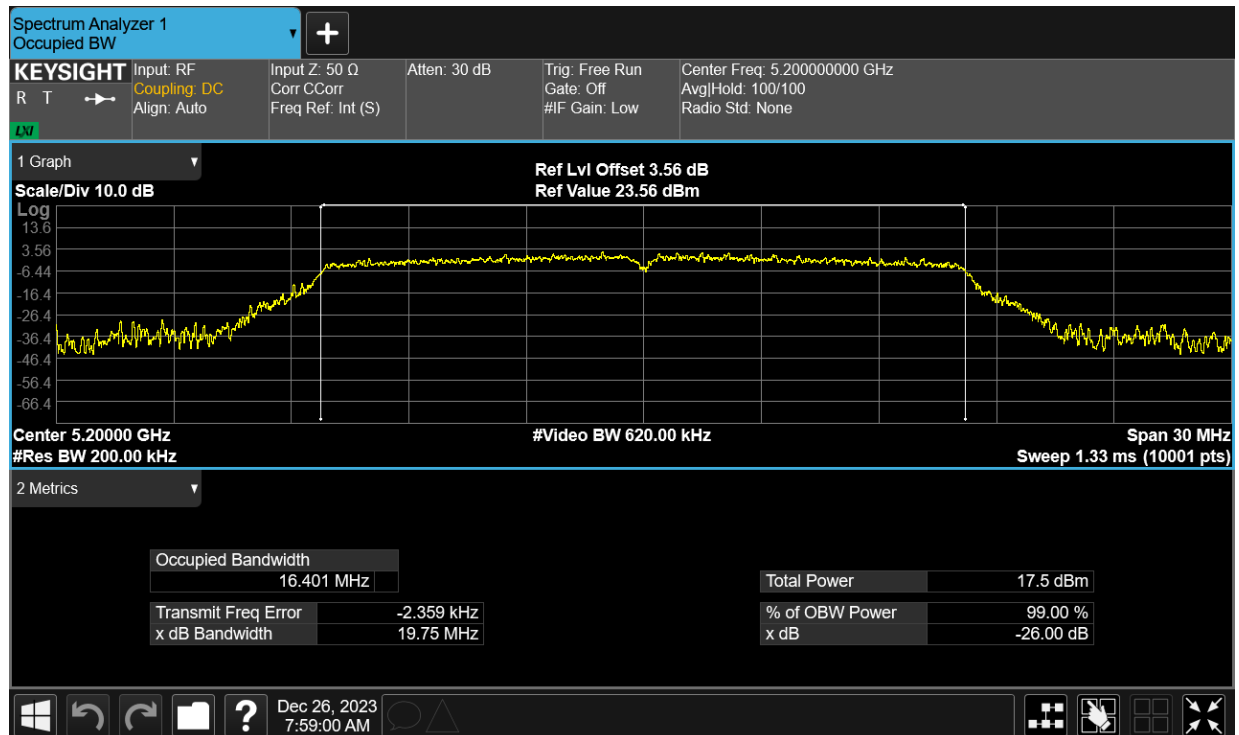
Condition	Mode	Frequency (MHz)	Antenna	99% OBW (MHz)
NVNT	a	5180	Ant1	16.396
NVNT	a	5200	Ant1	16.401
NVNT	a	5240	Ant1	16.42
NVNT	ac20	5180	Ant1	17.539
NVNT	ac20	5200	Ant1	17.562
NVNT	ac20	5240	Ant1	17.578
NVNT	ac40	5190	Ant1	35.922
NVNT	ac40	5230	Ant1	35.932
NVNT	ac80	5210	Ant1	75.159
NVNT	n20	5180	Ant1	17.564
NVNT	n20	5200	Ant1	17.542
NVNT	n20	5240	Ant1	17.546
NVNT	n40	5190	Ant1	35.953
NVNT	n40	5230	Ant1	35.94

Test Graphs

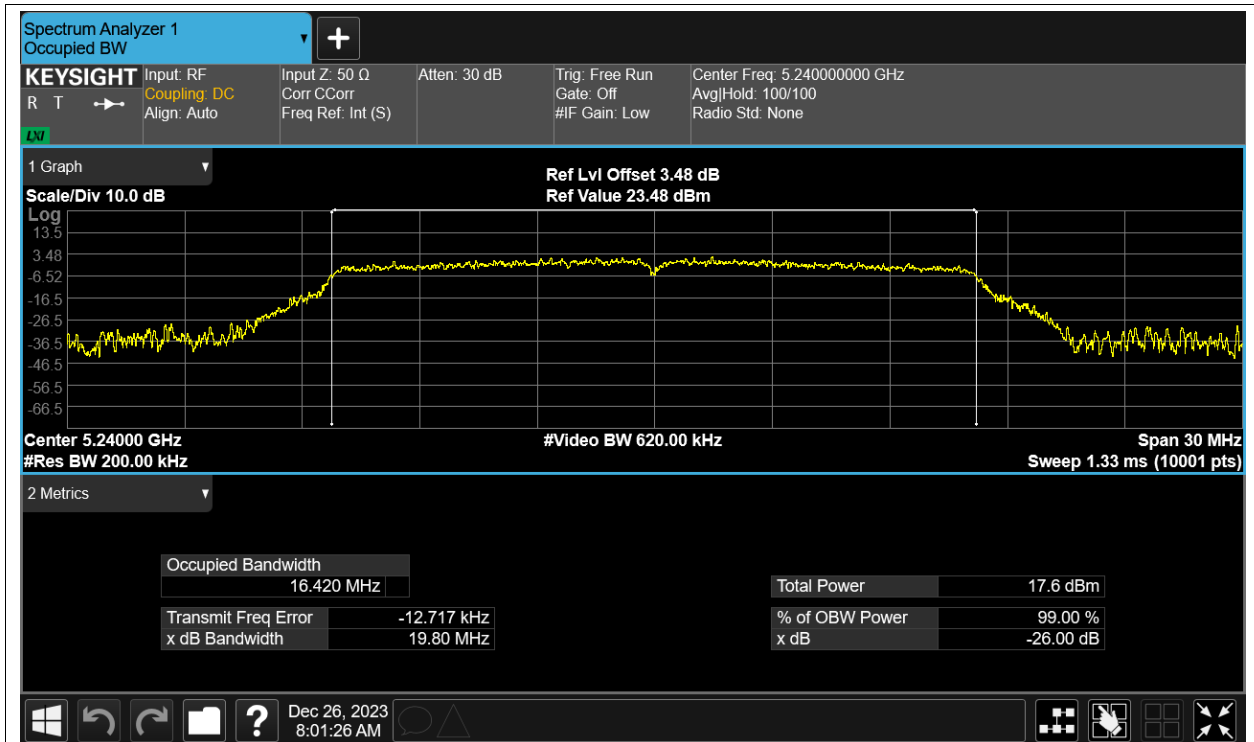
OBW NVNT a 5180MHz Ant1



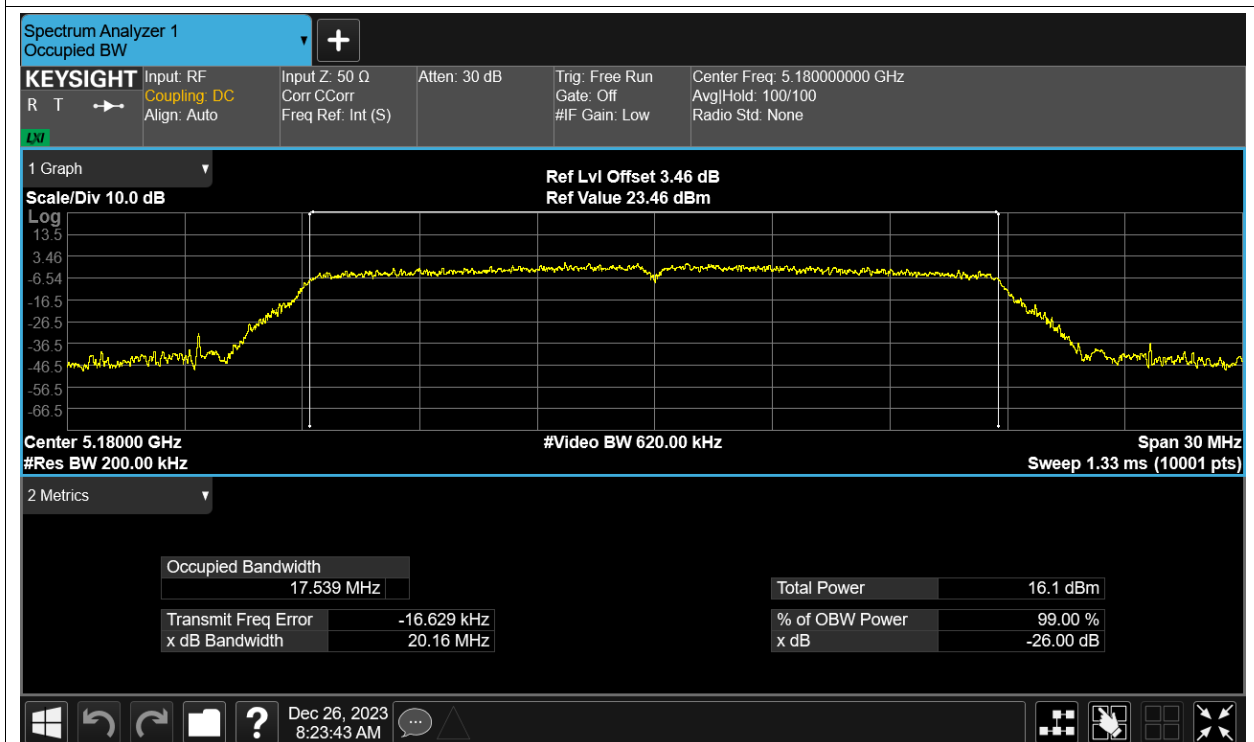
OBW NVNT a 5200MHz Ant1



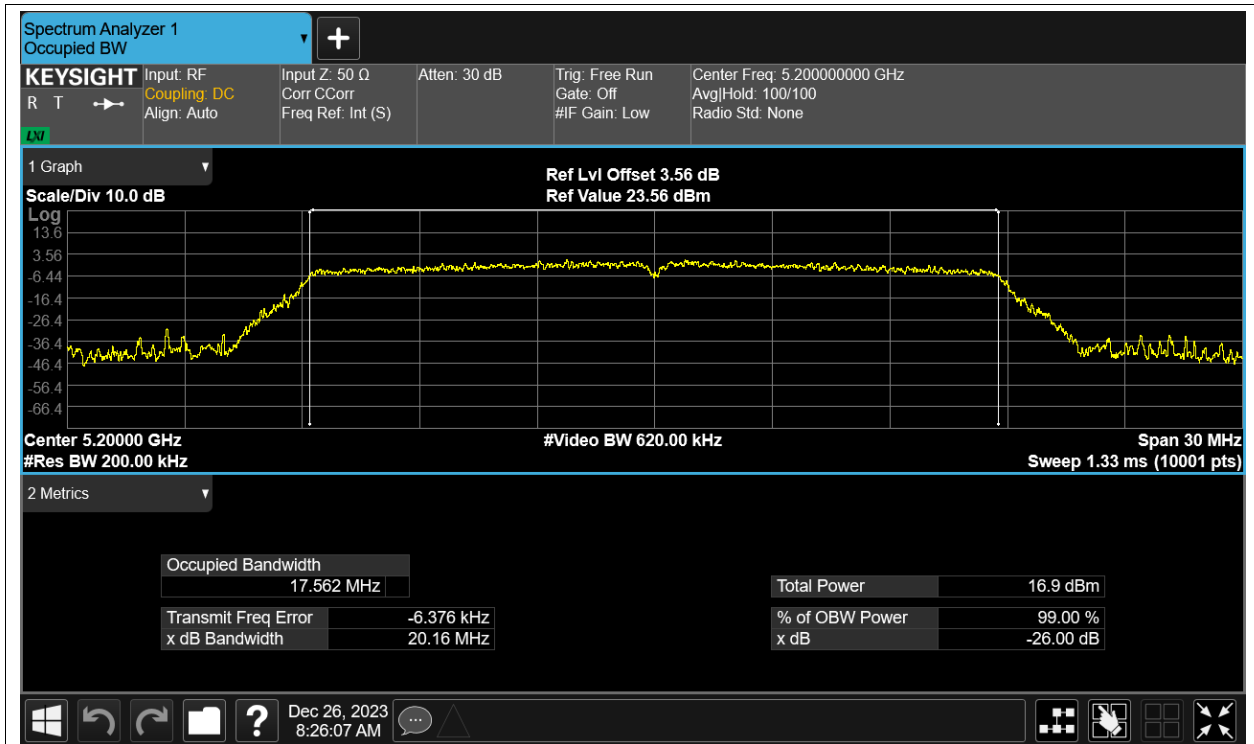
OBW NVNT a 5240MHz Ant1



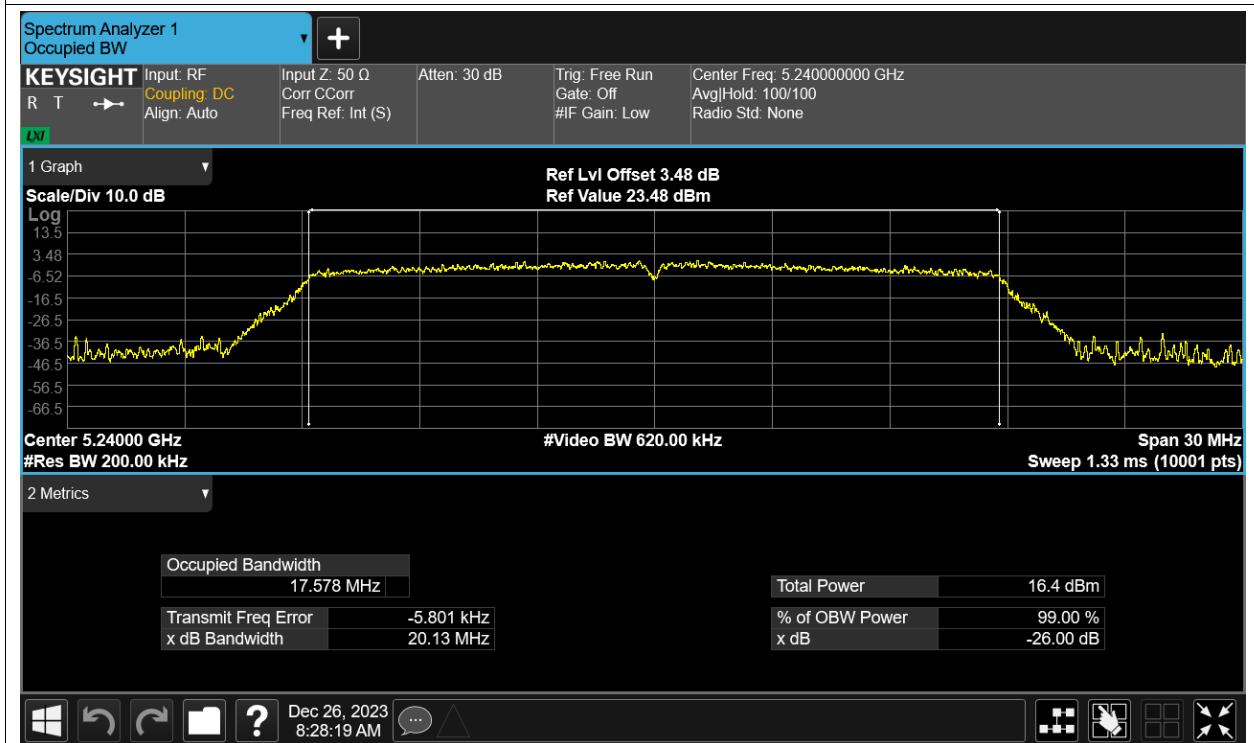
OBW NVNT ac20 5180MHz Ant1



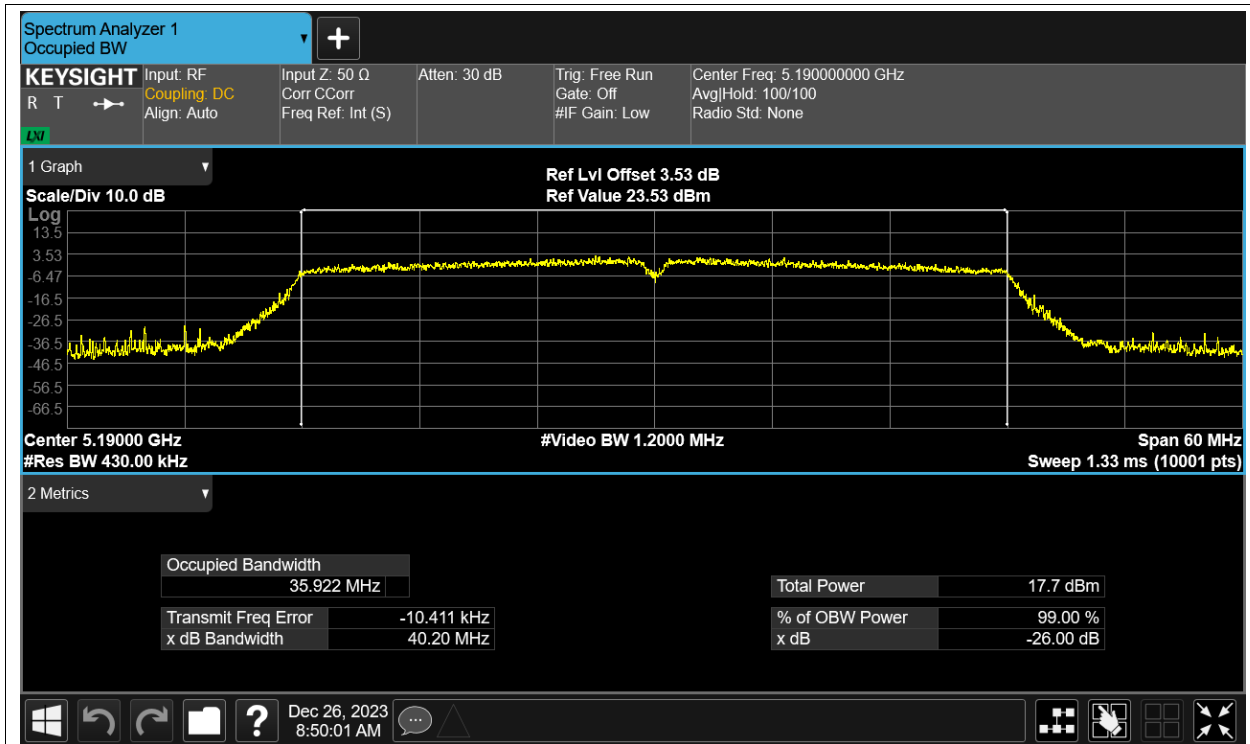
OBW NVNT ac20 5200MHz Ant1



OBW NVNT ac20 5240MHz Ant1



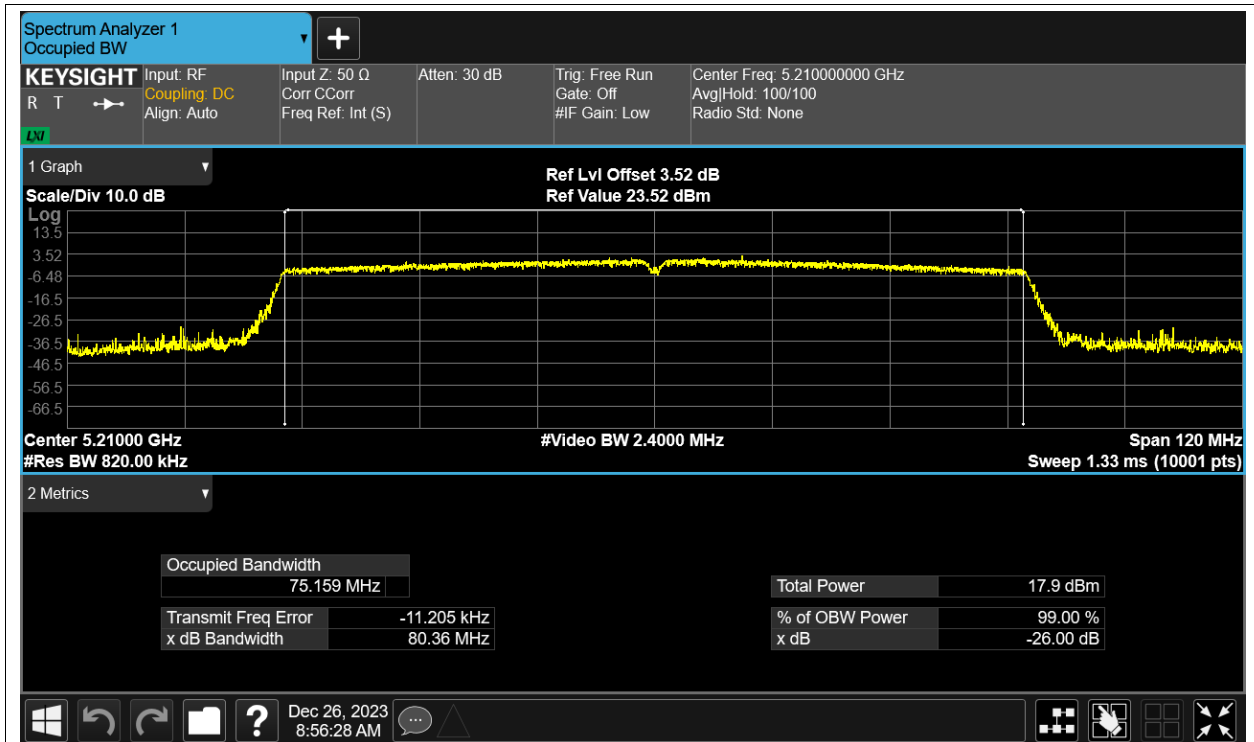
OBW NVNT ac40 5190MHz Ant1



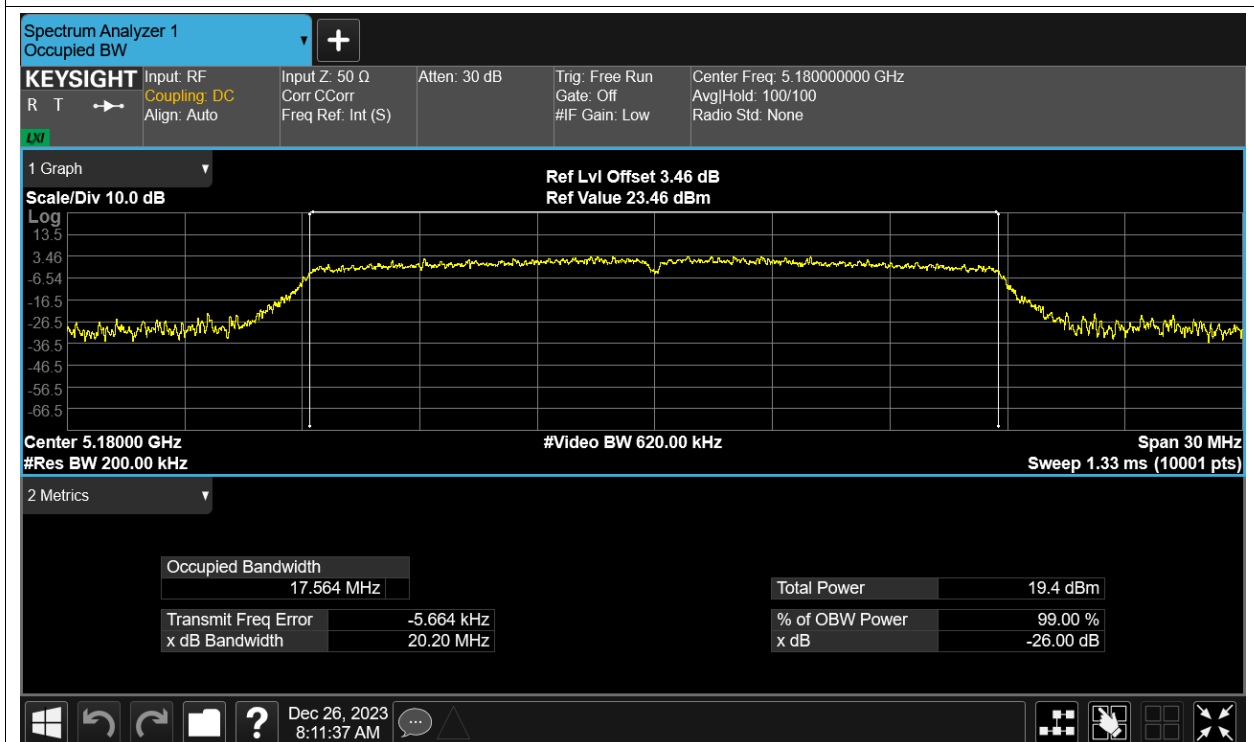
OBW NVNT ac40 5230MHz Ant1



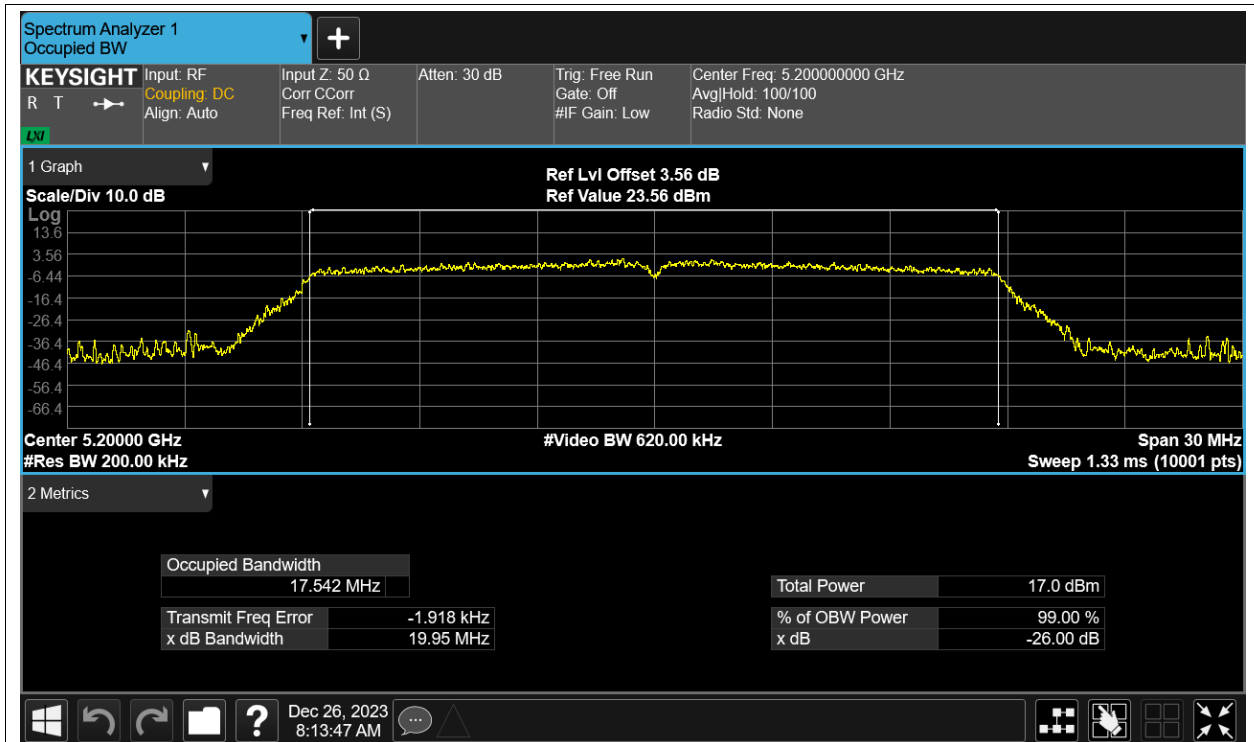
OBW NVNT ac80 5210MHz Ant1



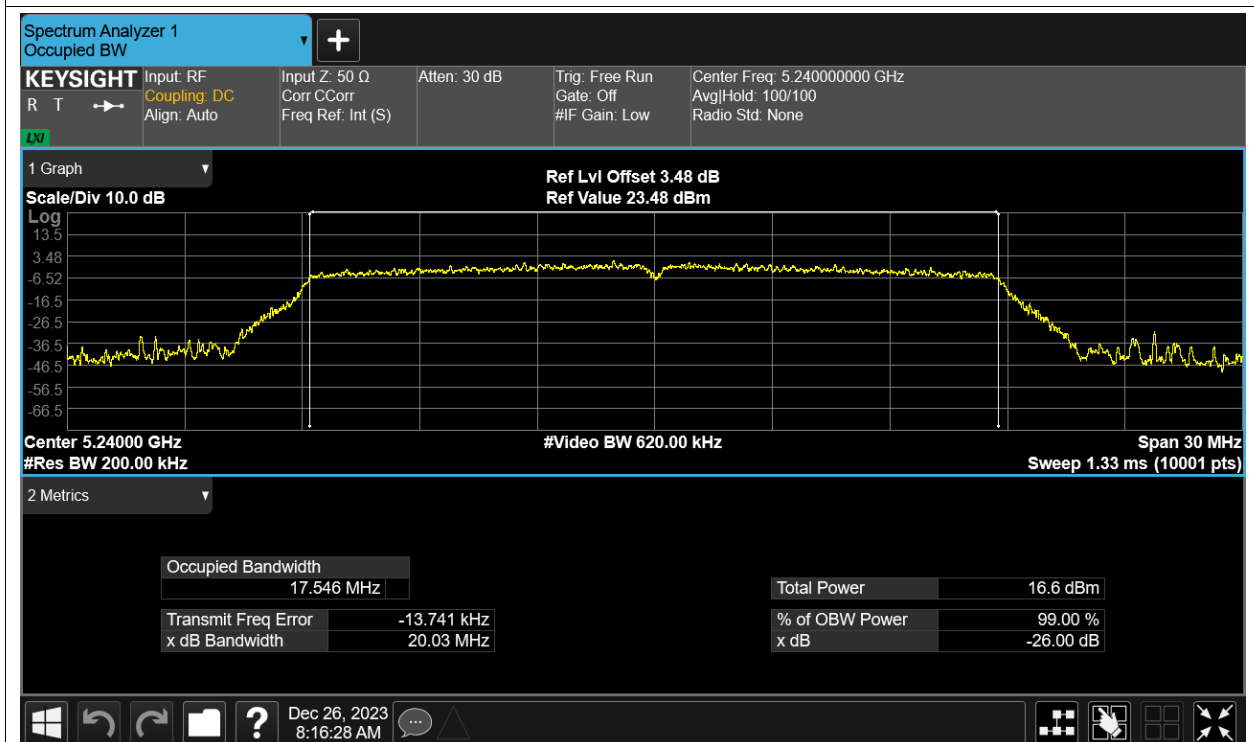
OBW NVNT n20 5180MHz Ant1



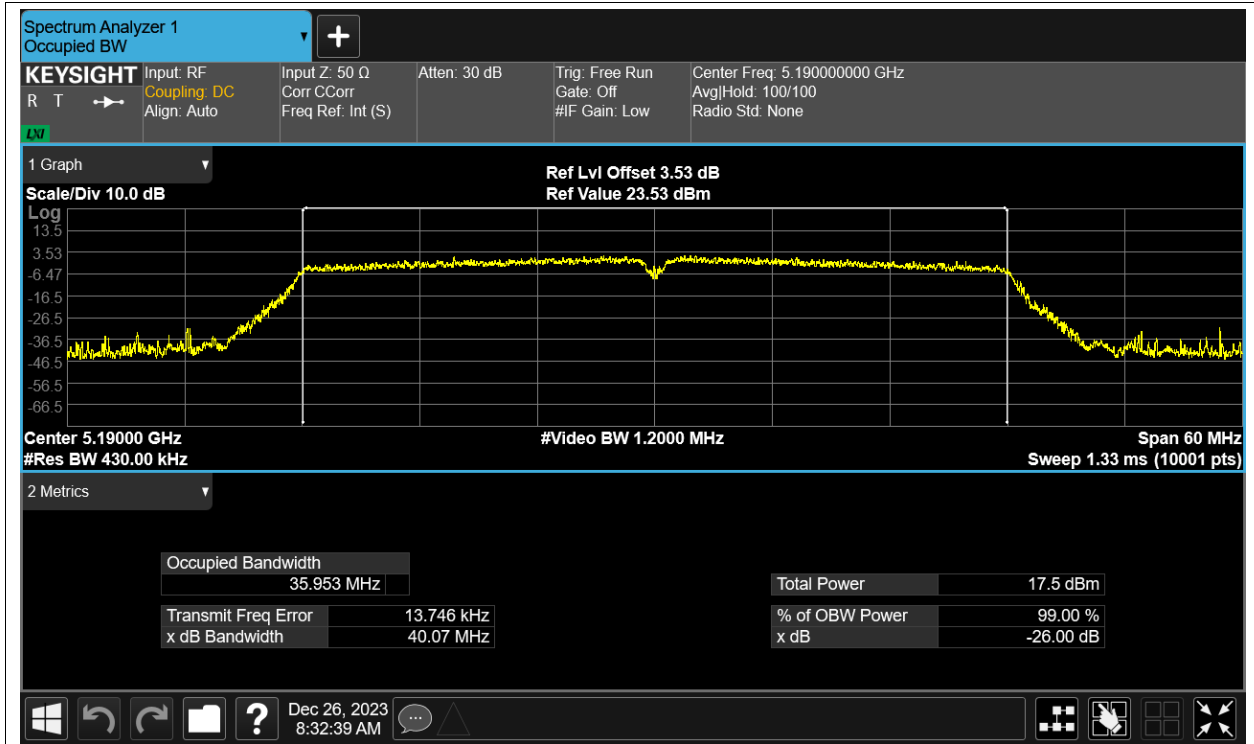
OBW NVNT n20 5200MHz Ant1



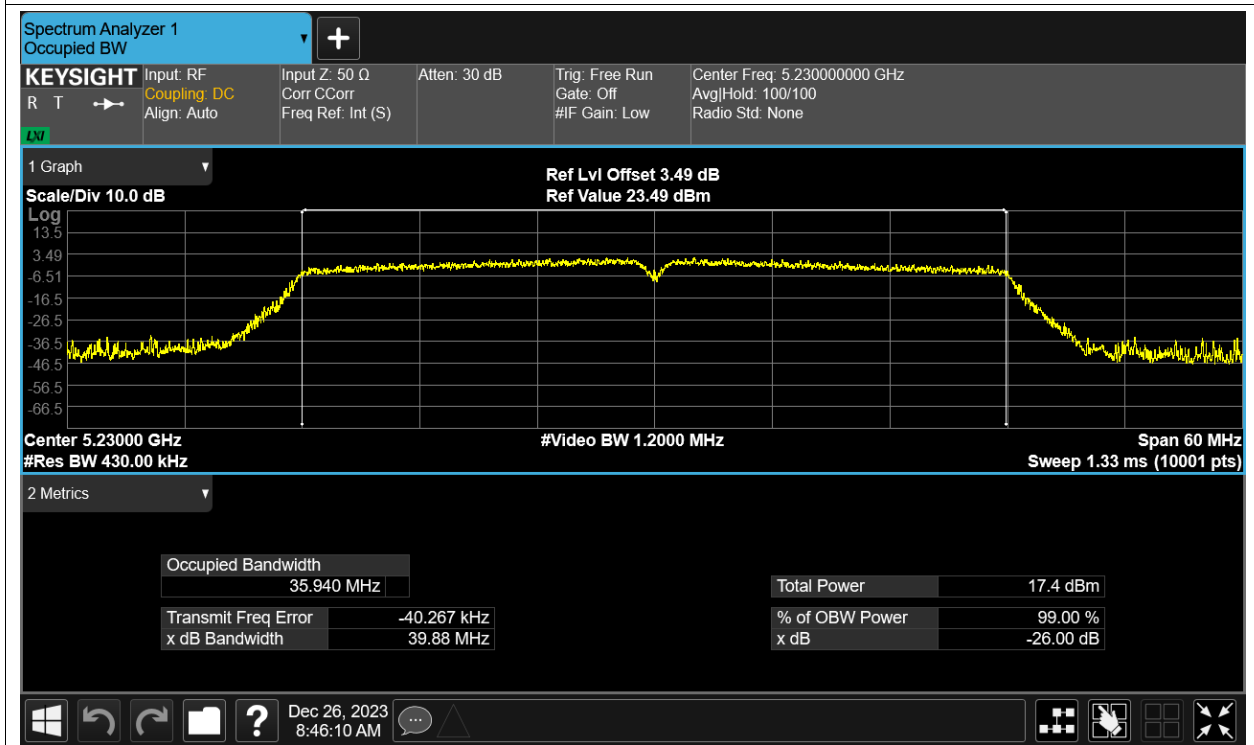
OBW NVNT n20 5240MHz Ant1



OBW NVNT n40 5190MHz Ant1



OBW NVNT n40 5230MHz Ant1

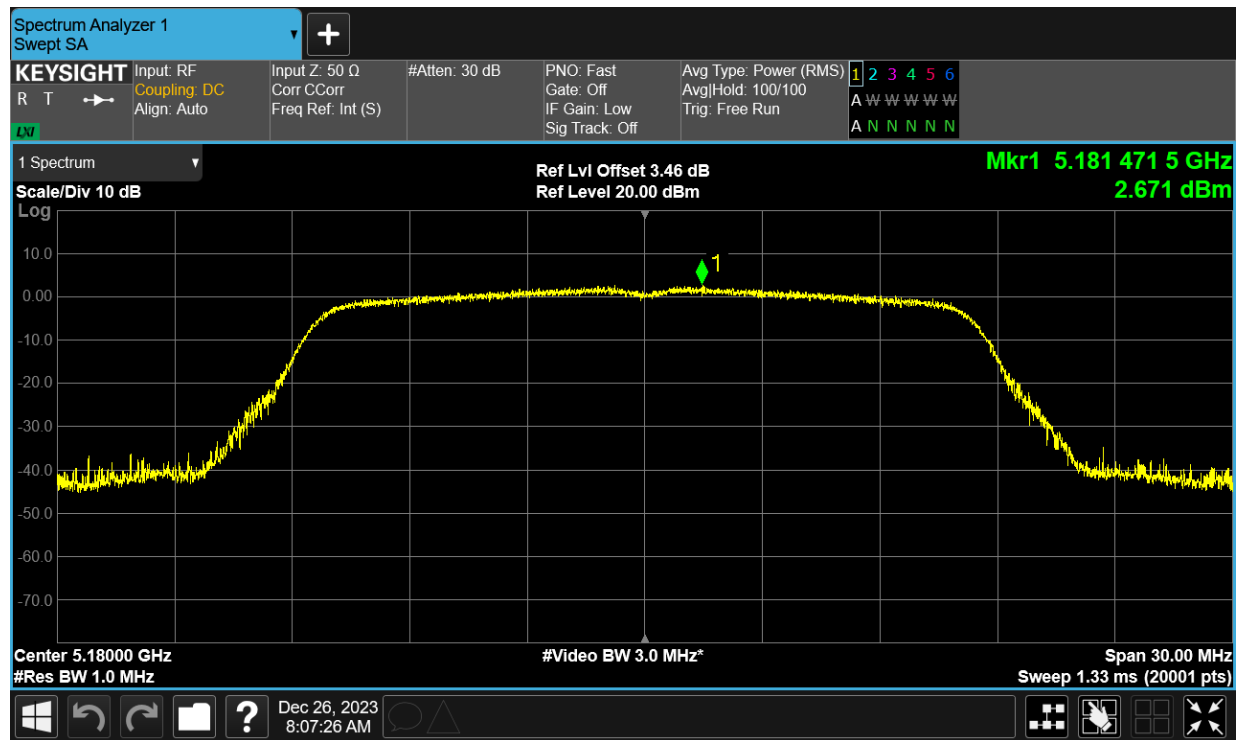


Maximum Power Spectral Density Level

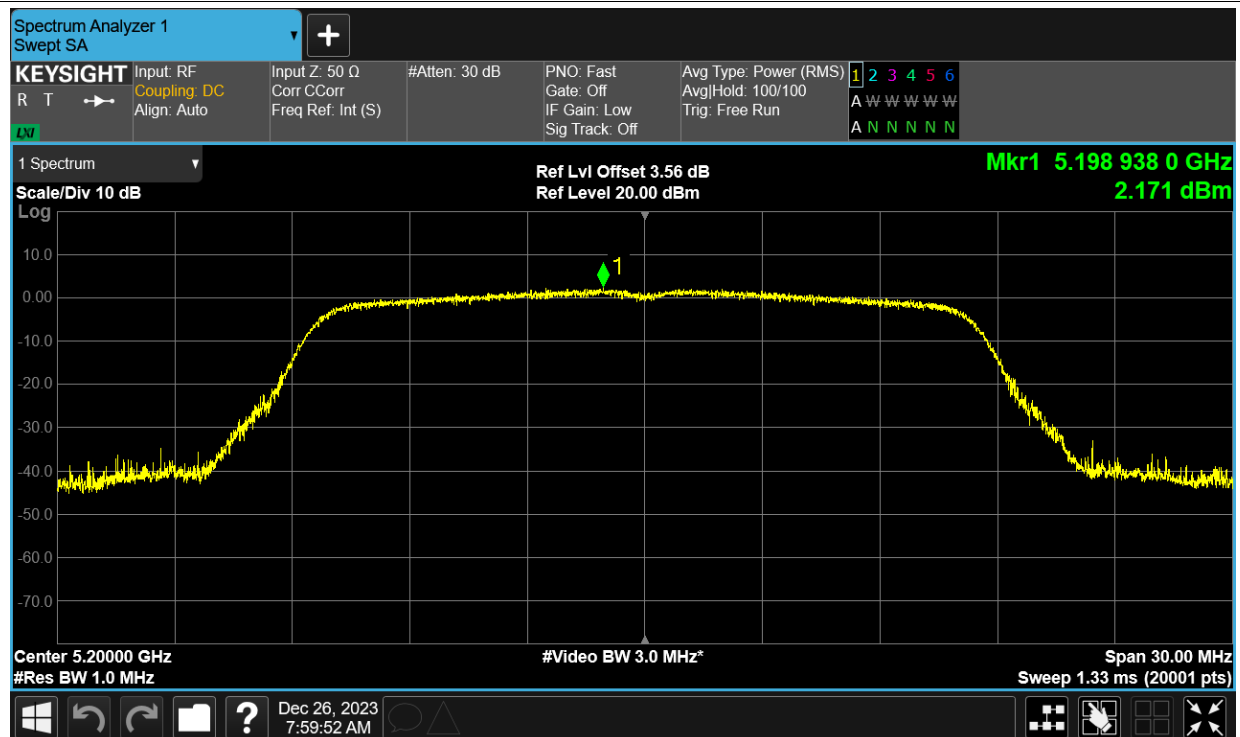
Condition	Mode	Frequency (MHz)	Antenna	Max PSD (dBm)	Limit (dBm)	Verdict
NVNT	a	5180	Ant1	2.671	11	Pass
NVNT	a	5200	Ant1	2.171	11	Pass
NVNT	a	5240	Ant1	2.693	11	Pass
NVNT	ac20	5180	Ant1	0.992	11	Pass
NVNT	ac20	5200	Ant1	1.745	11	Pass
NVNT	ac20	5240	Ant1	1.195	11	Pass
NVNT	ac40	5190	Ant1	-0.503	11	Pass
NVNT	ac40	5230	Ant1	-0.803	11	Pass
NVNT	ac80	5210	Ant1	-4.472	11	Pass
NVNT	n20	5180	Ant1	4.197	11	Pass
NVNT	n20	5200	Ant1	1.74	11	Pass
NVNT	n20	5240	Ant1	1.254	11	Pass
NVNT	n40	5190	Ant1	-0.904	11	Pass
NVNT	n40	5230	Ant1	-0.953	11	Pass

Test Graphs

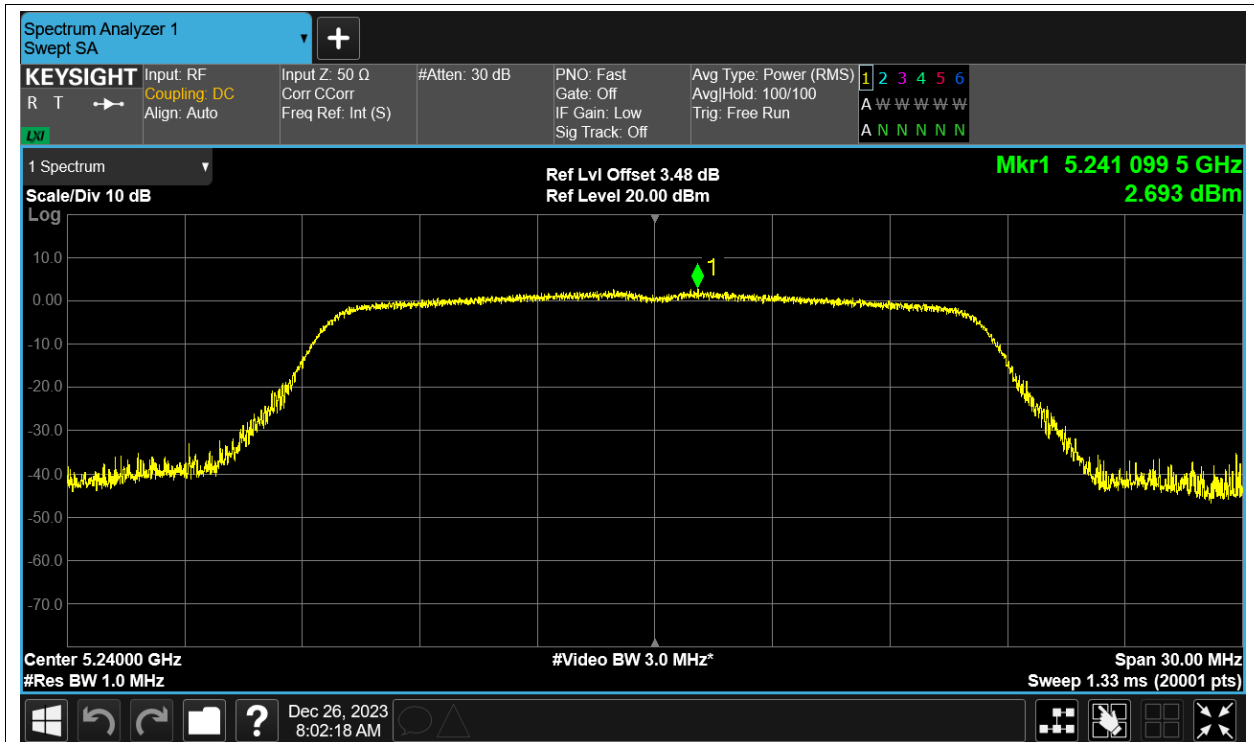
PSD NVNT a 5180MHz Ant1



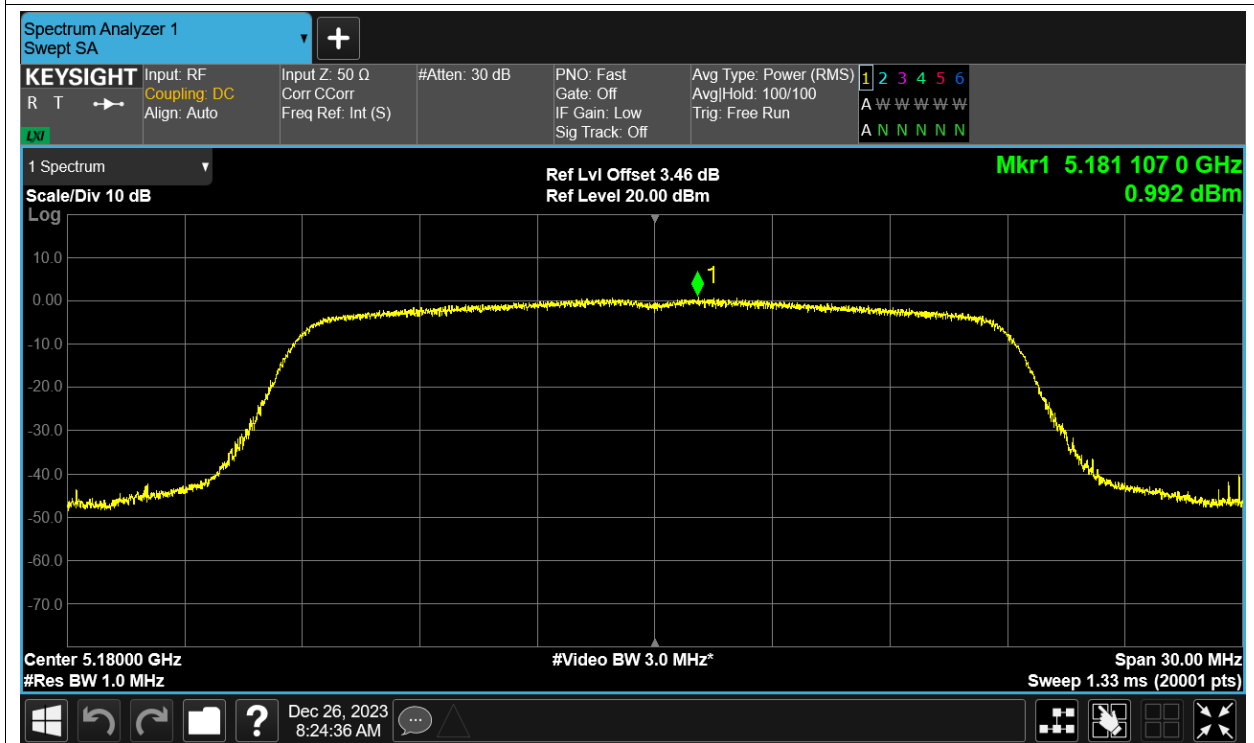
PSD NVNT a 5200MHz Ant1



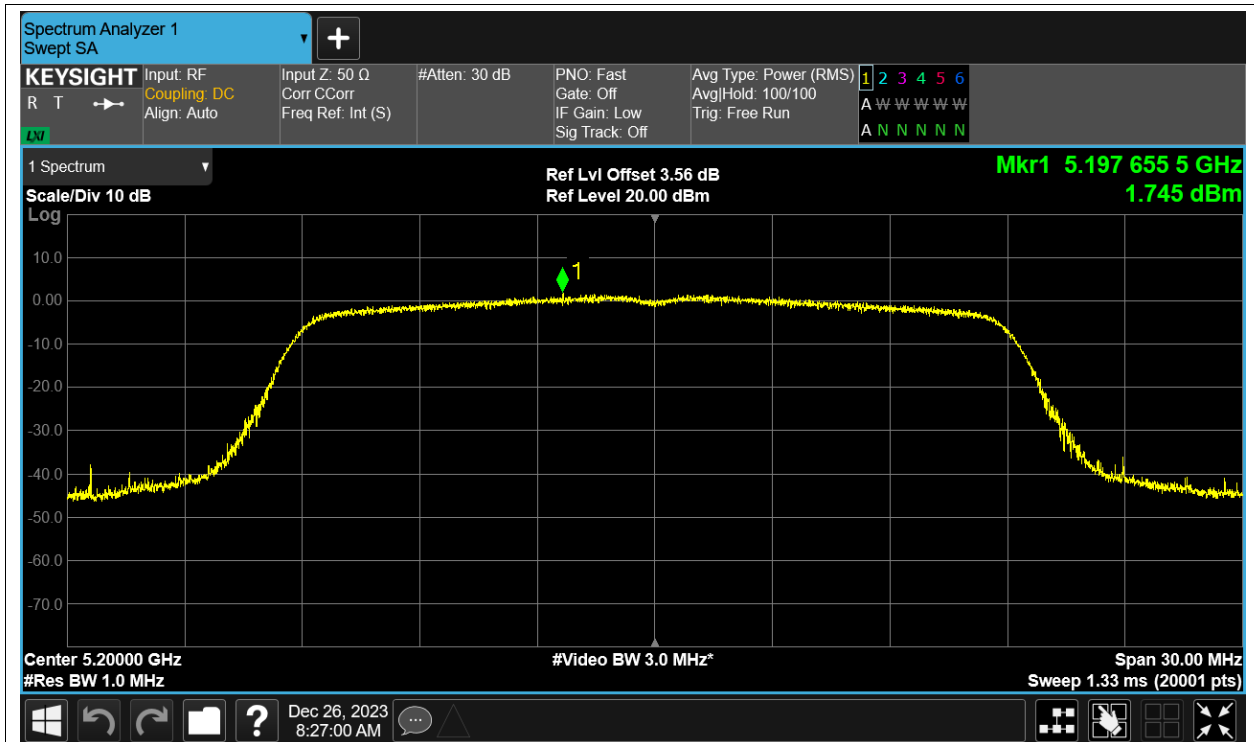
PSD NVNT a 5240MHz Ant1



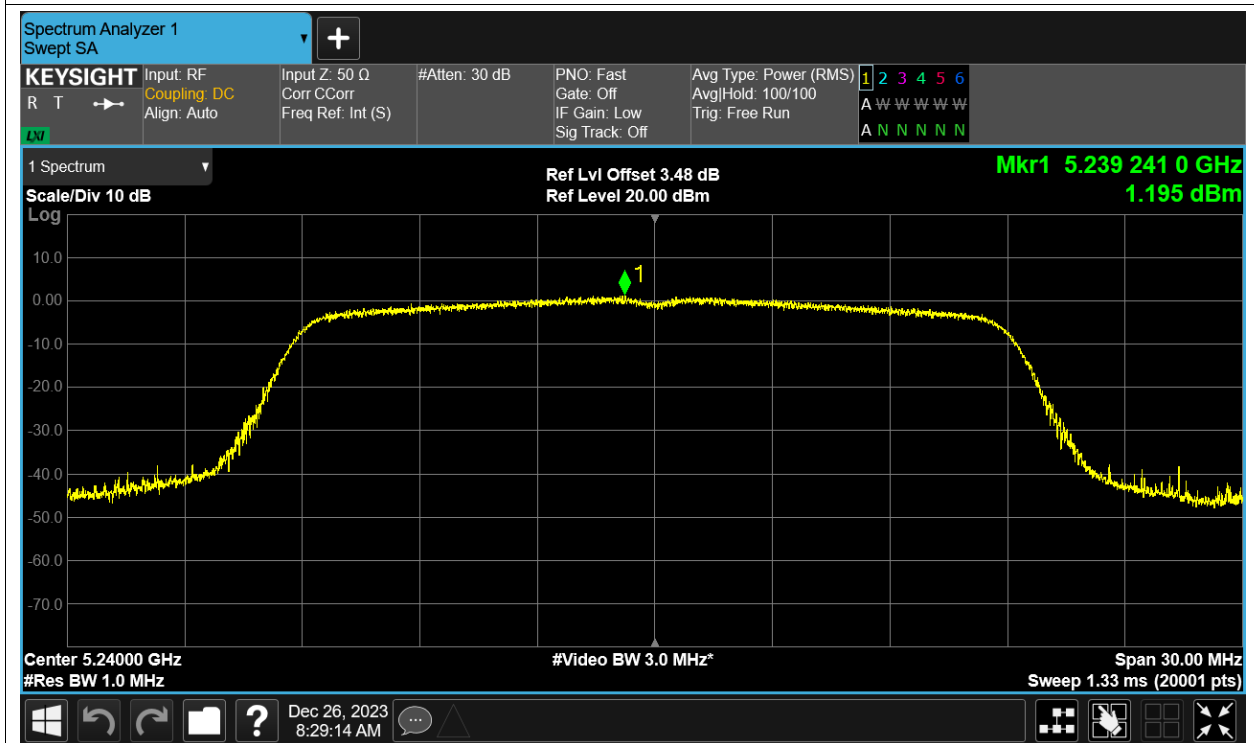
PSD NVNT ac20 5180MHz Ant1



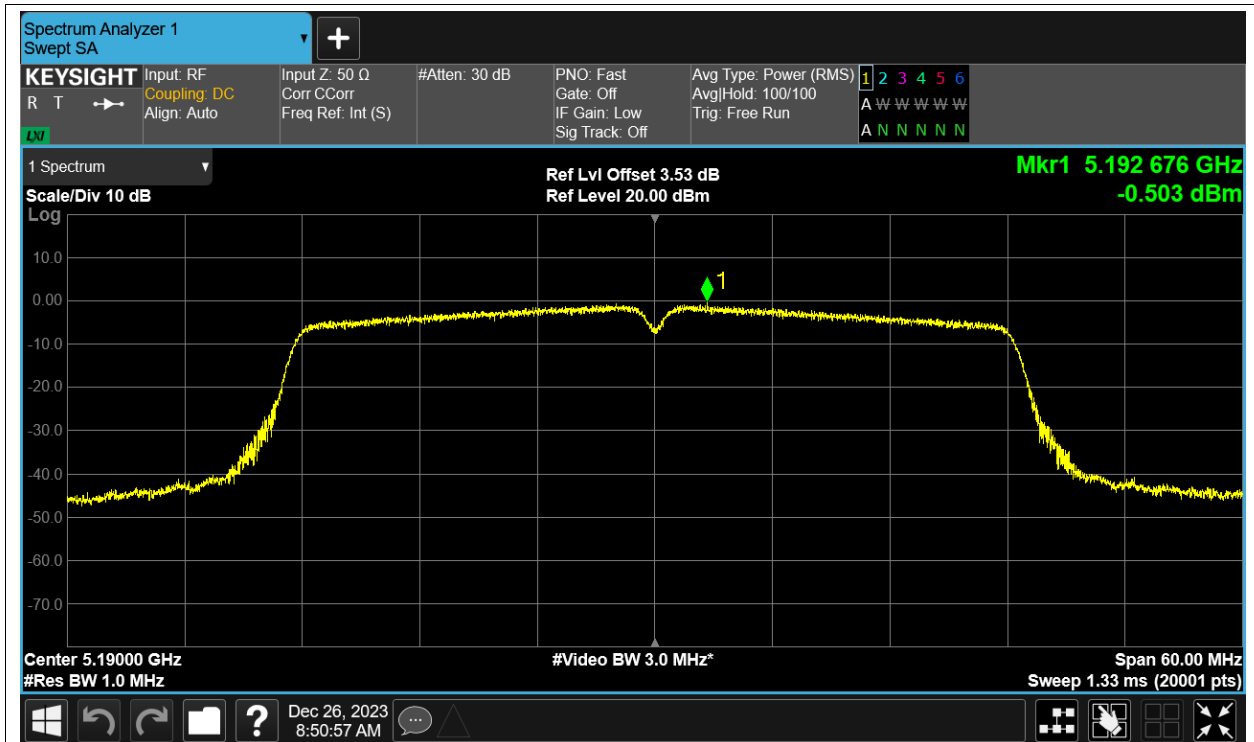
PSD NVNT ac20 5200MHz Ant1



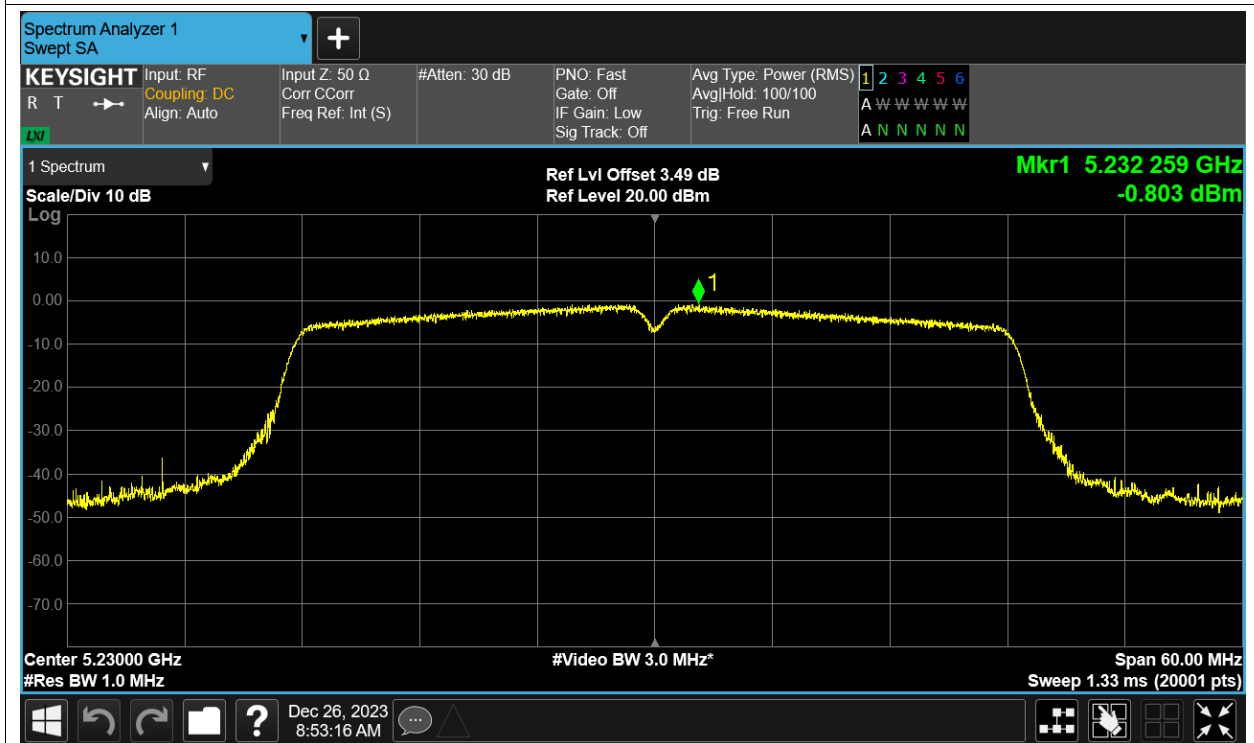
PSD NVNT ac20 5240MHz Ant1



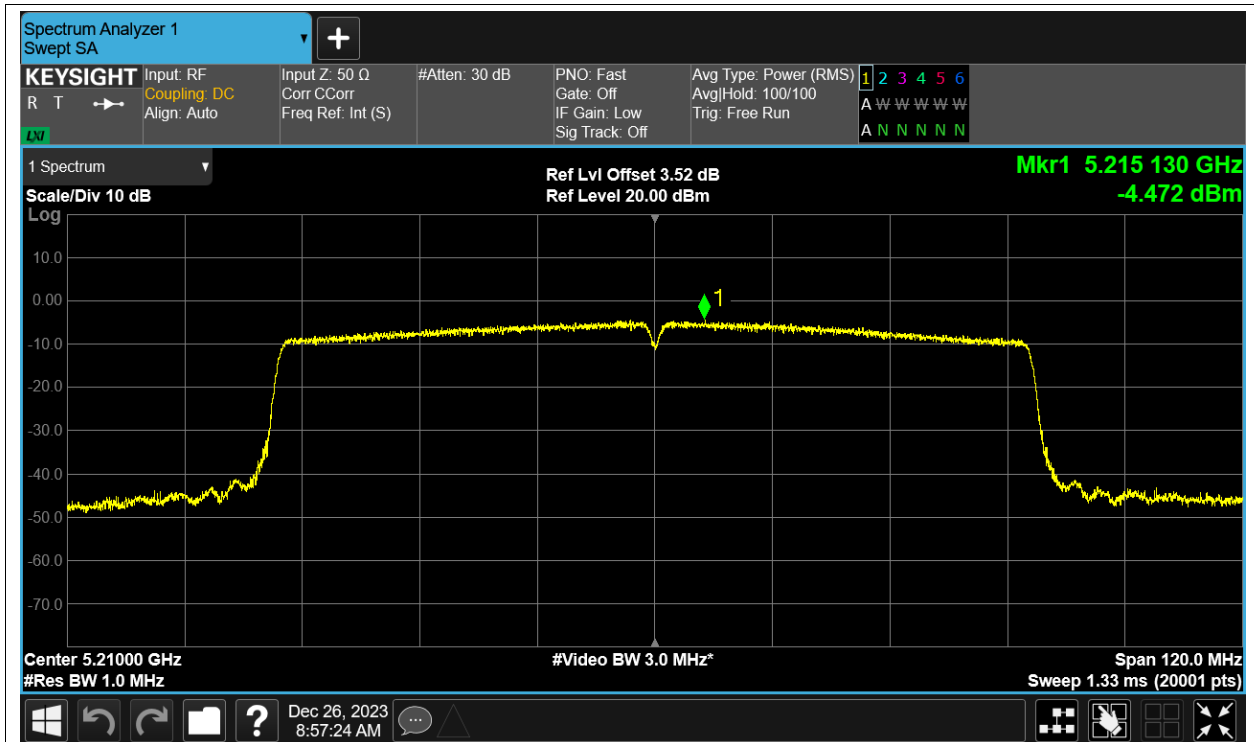
PSD NVNT ac40 5190MHz Ant1



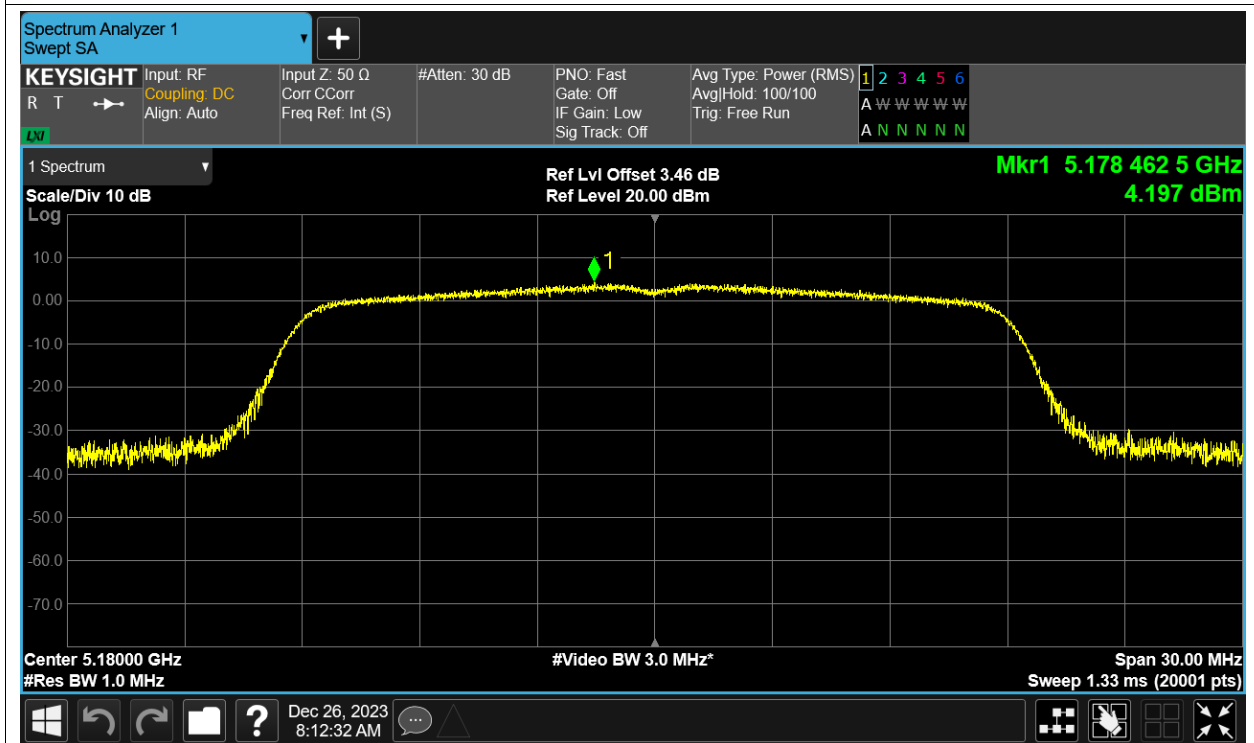
PSD NVNT ac40 5230MHz Ant1



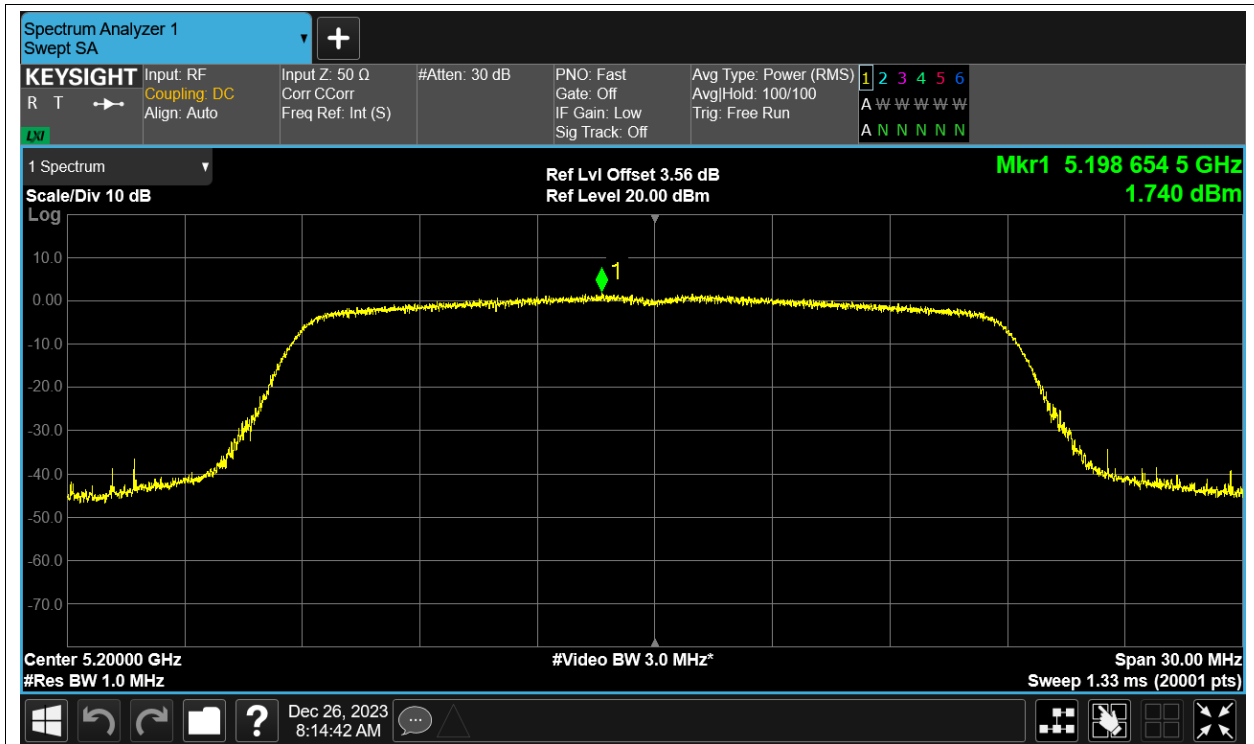
PSD NVNT ac80 5210MHz Ant1



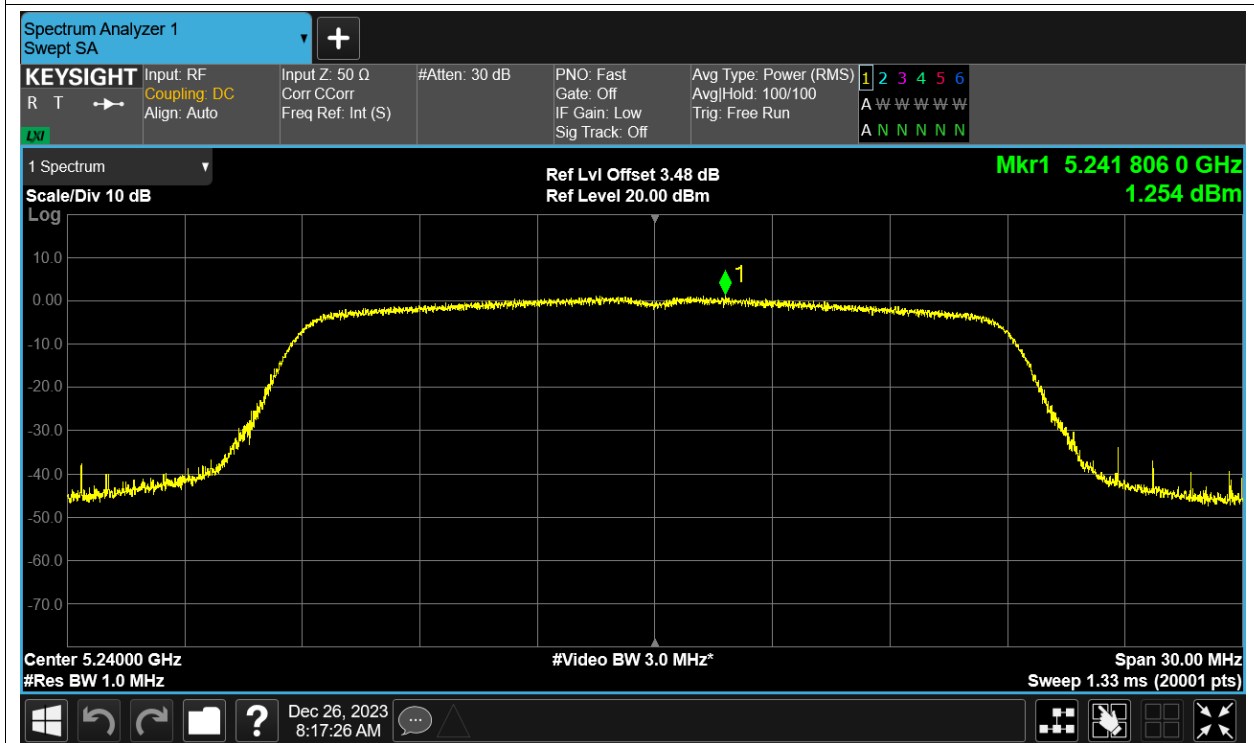
PSD NVNT n20 5180MHz Ant1



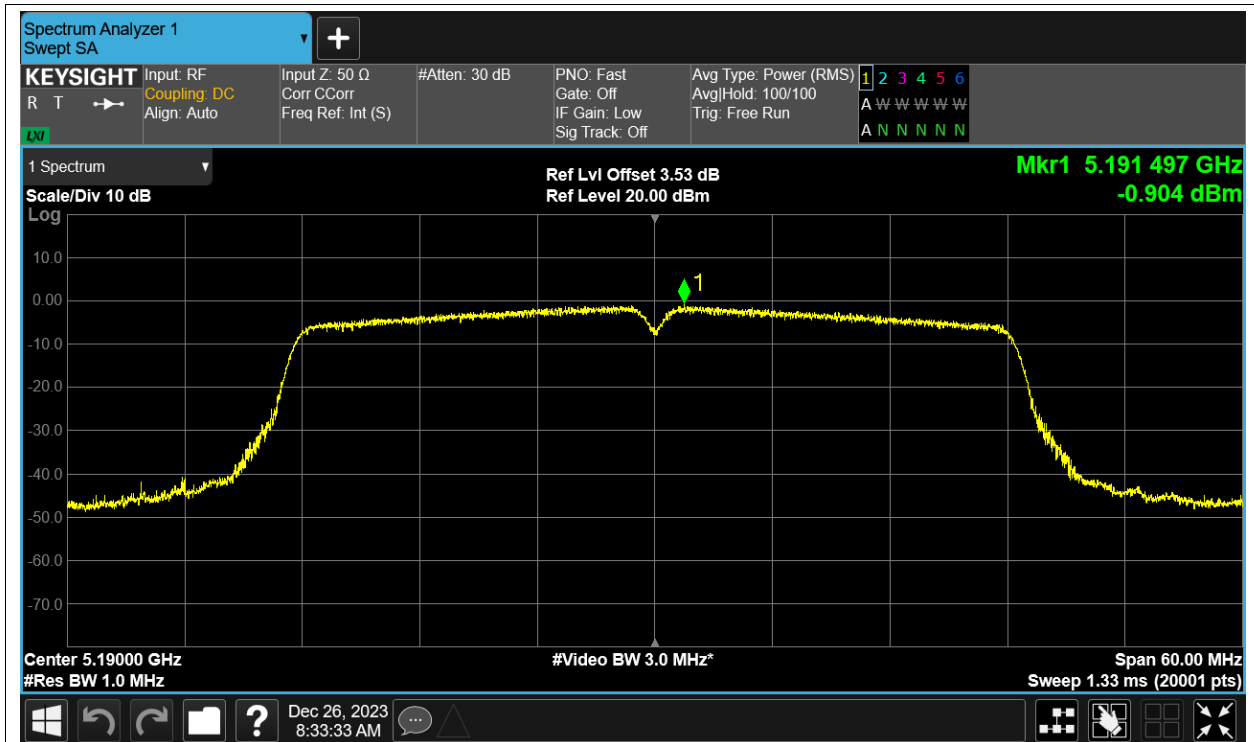
PSD NVNT n20 5200MHz Ant1



PSD NVNT n20 5240MHz Ant1



PSD NVNT n40 5190MHz Ant1



PSD NVNT n40 5230MHz Ant1

