

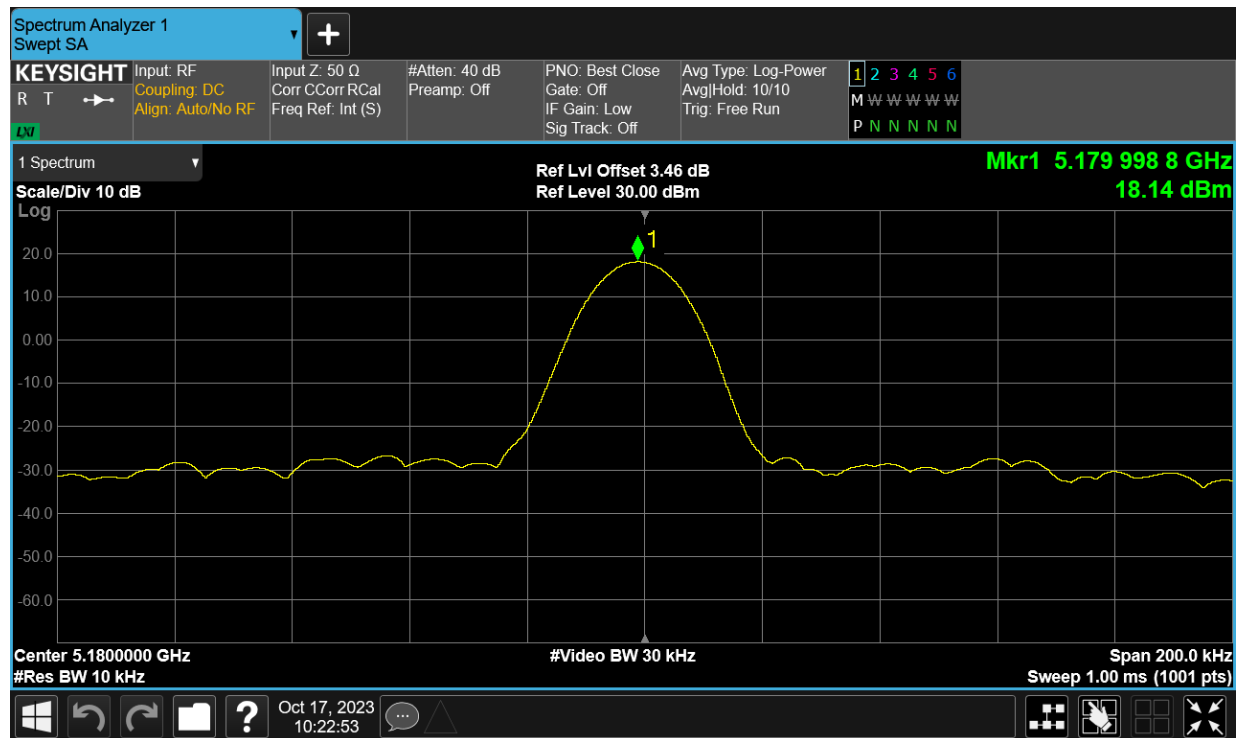
Test Data

Frequency Stability

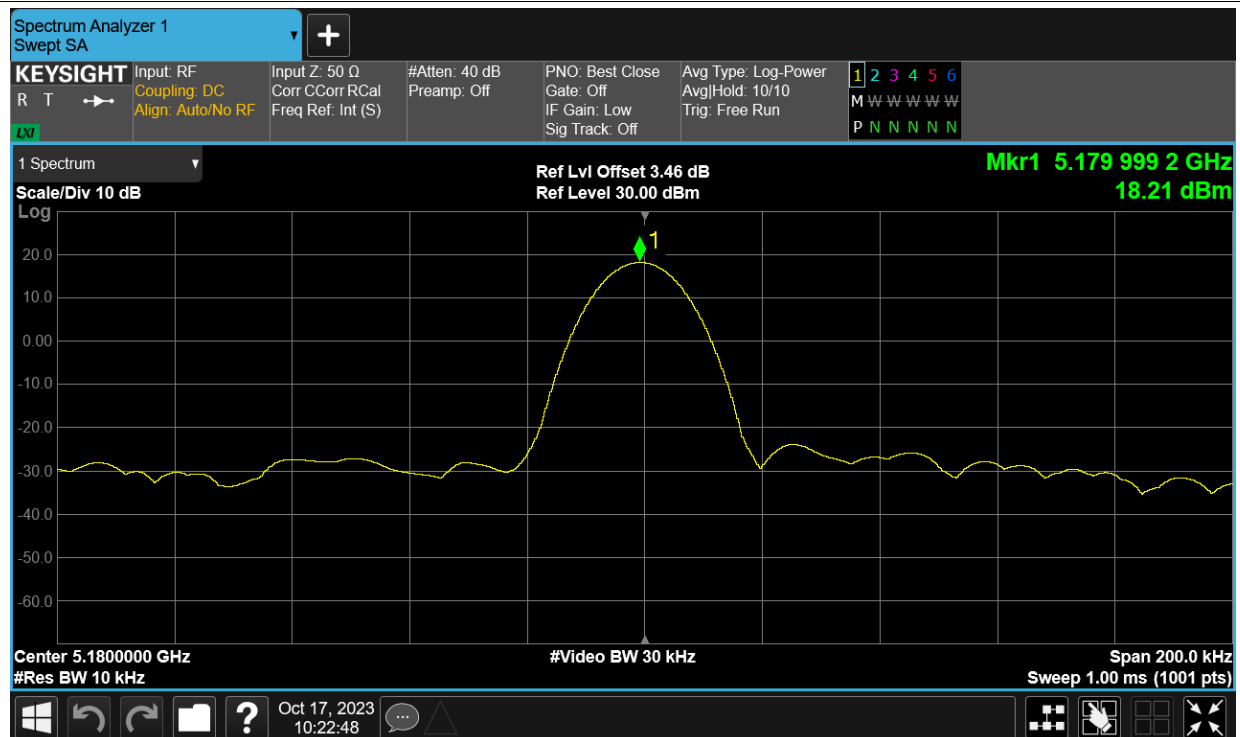
Condition	Mode	Frequency (MHz)	Antenna	Measured Frequency (MHz)	Deviation (ppm)	Limit (ppm)	Verdict
HVNT	a	5180	Ant14	5179.9988	-0.23	25	Pass
LVNT	a	5180	Ant14	5179.9992	-0.15	25	Pass
NVHT	a	5180	Ant14	5179.9996	-0.08	25	Pass
NVLT	a	5180	Ant14	5179.9984	-0.31	25	Pass
NVNT	a	5180	Ant14	5179.9996	-0.08	25	Pass
HVNT	ac80	5210	Ant14	5209.9992	-0.15	25	Pass
LVNT	ac80	5210	Ant14	5209.9976	-0.46	25	Pass
NVHT	ac80	5210	Ant14	5209.9974	-0.5	25	Pass
NVLT	ac80	5210	Ant14	5209.9978	-0.42	25	Pass
NVNT	ac80	5210	Ant14	5209.9991	-0.17	25	Pass
HVNT	n40	5190	Ant14	5189.999	-0.19	25	Pass
LVNT	n40	5190	Ant14	5190.0004	0.08	25	Pass
NVHT	n40	5190	Ant14	5189.9972	-0.54	25	Pass
NVLT	n40	5190	Ant14	5189.9976	-0.46	25	Pass
NVNT	n40	5190	Ant14	5189.9984	-0.31	25	Pass

Test Graphs

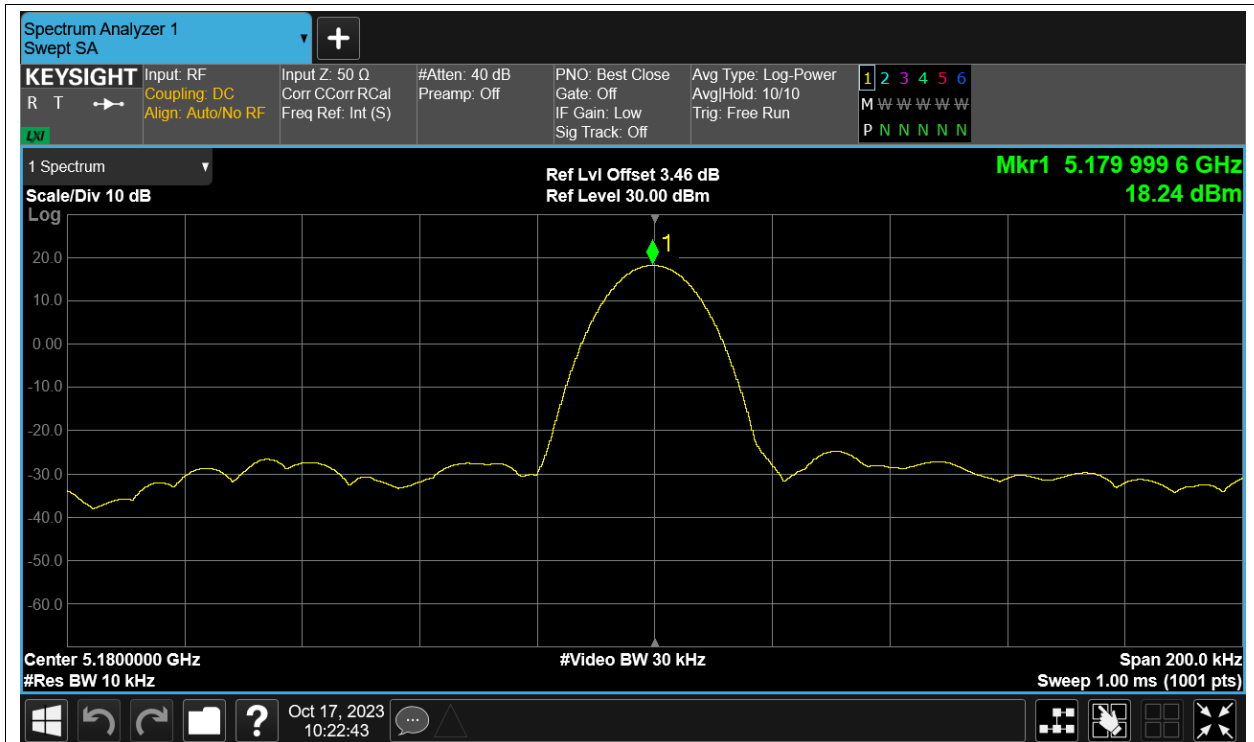
Freq. Stability HVNT a 5180MHz Ant14



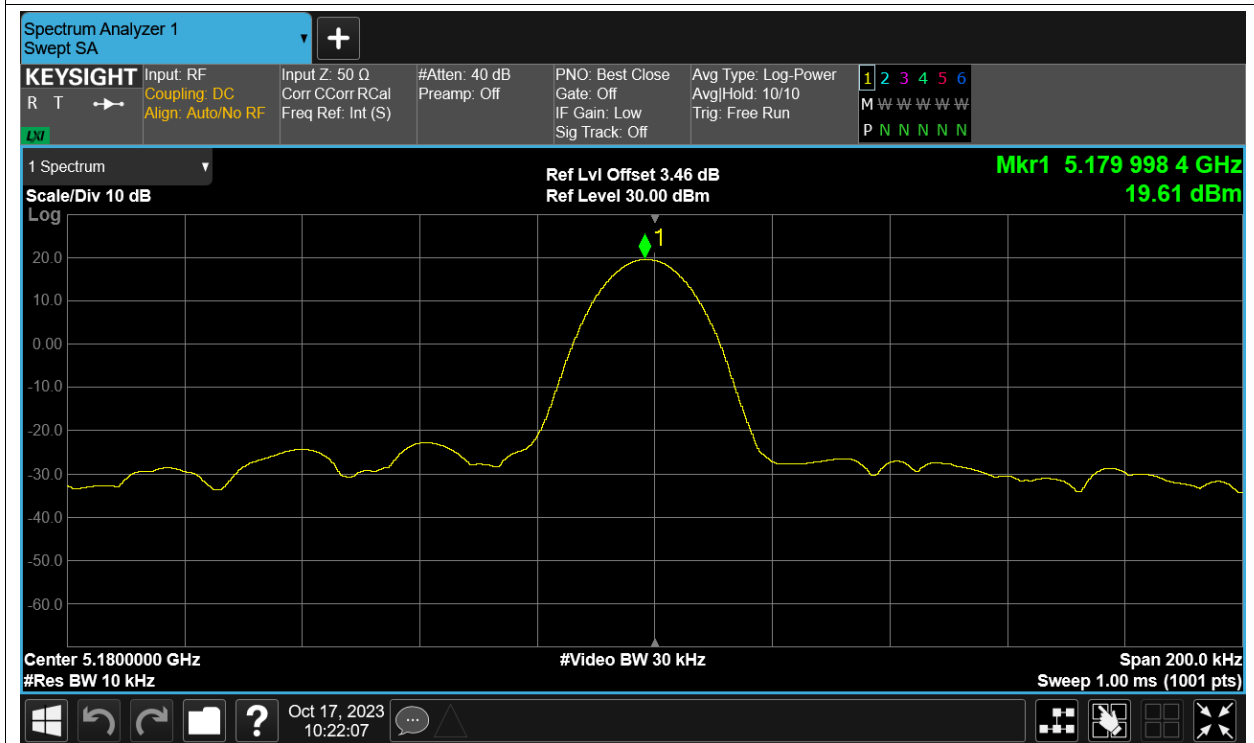
Freq. Stability LVNT a 5180MHz Ant14



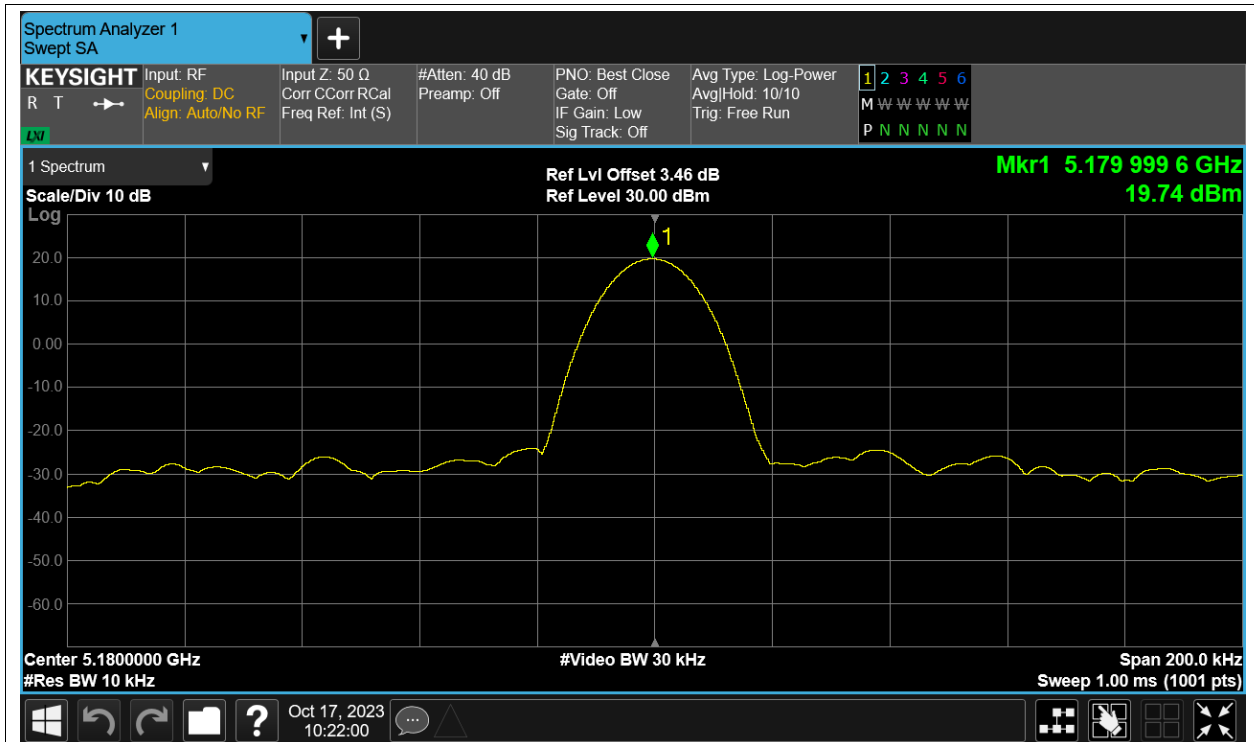
Freq. Stability NVHT a 5180MHz Ant14



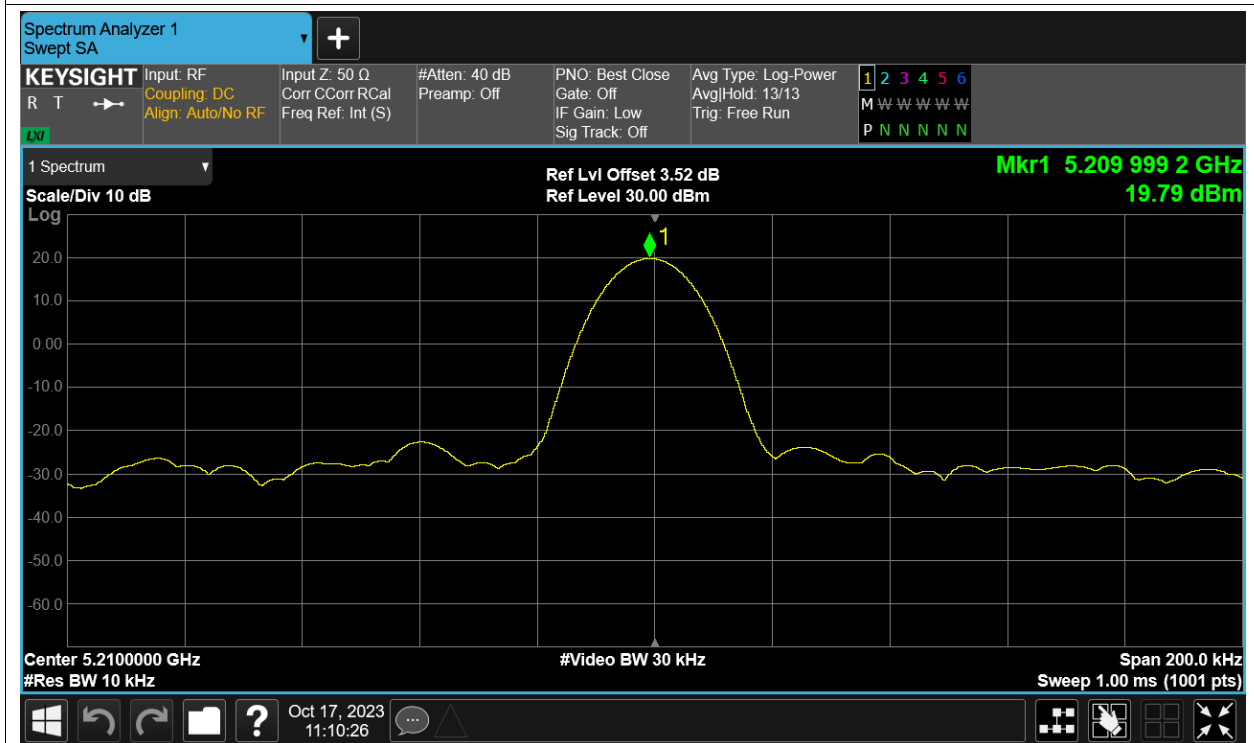
Freq. Stability NVLT a 5180MHz Ant14



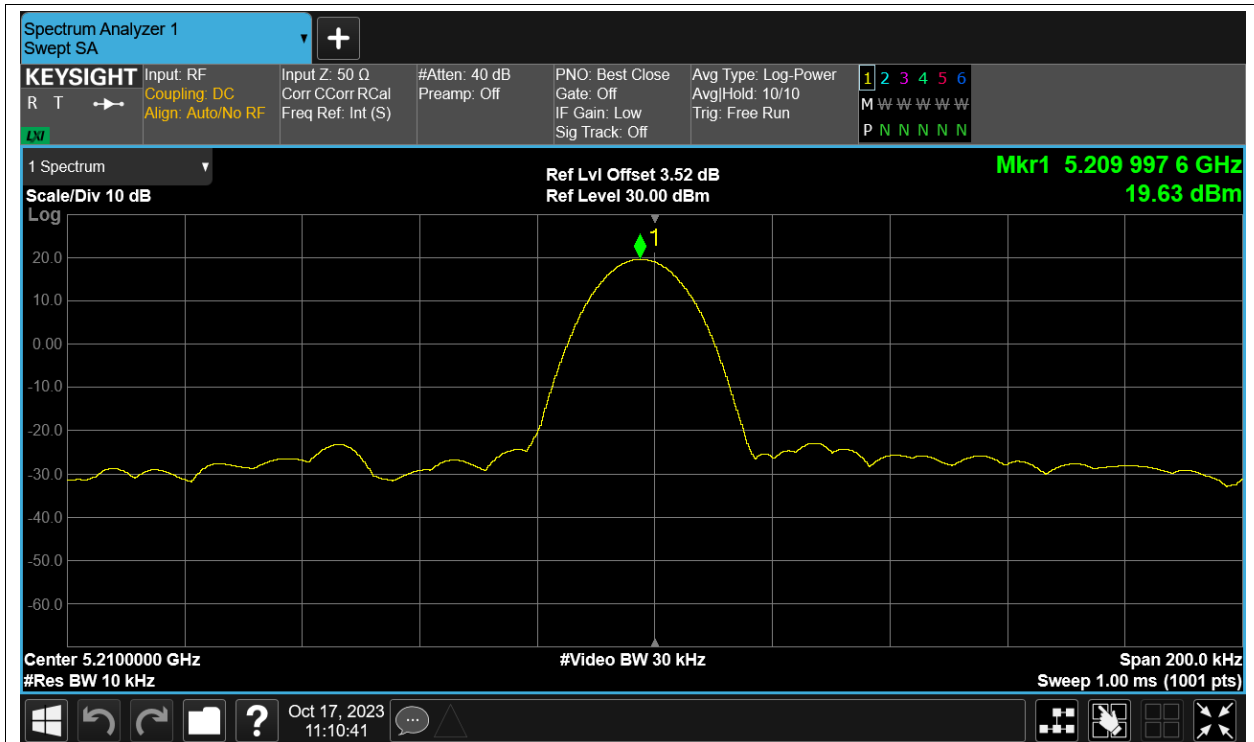
Freq. Stability NVNT a 5180MHz Ant14



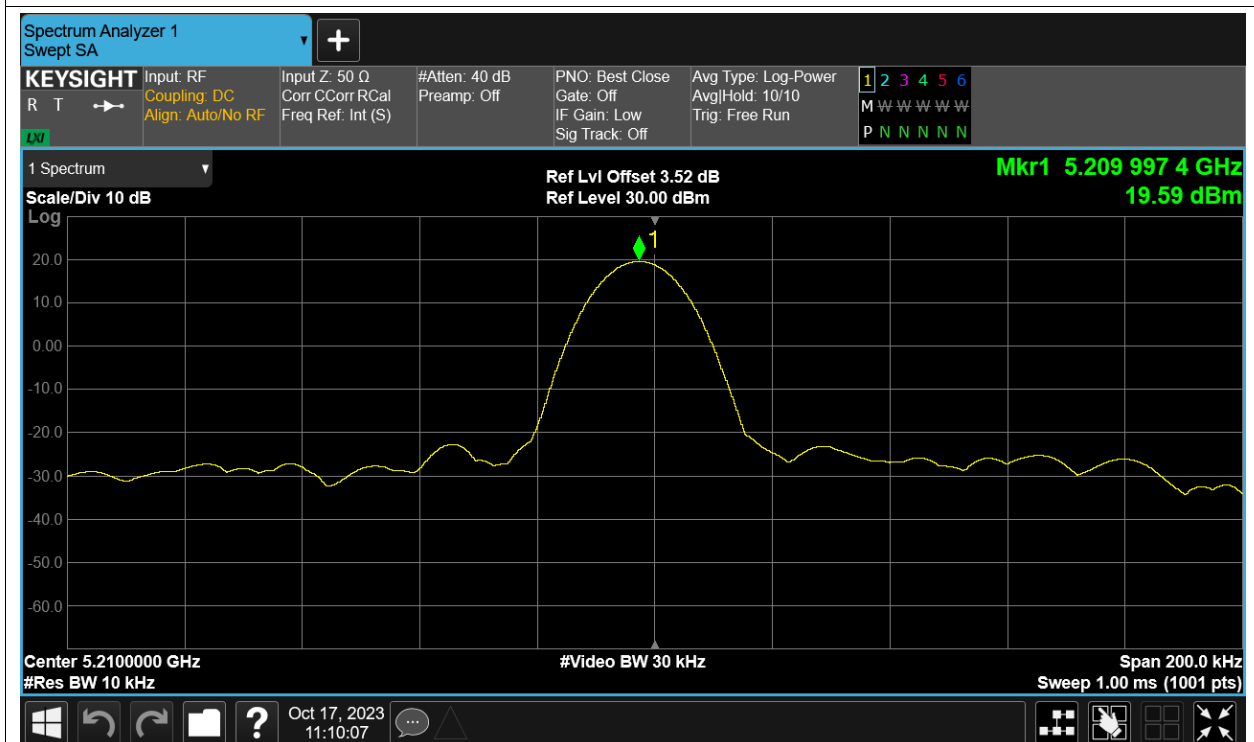
Freq. Stability HVNT ac80 5210MHz Ant14



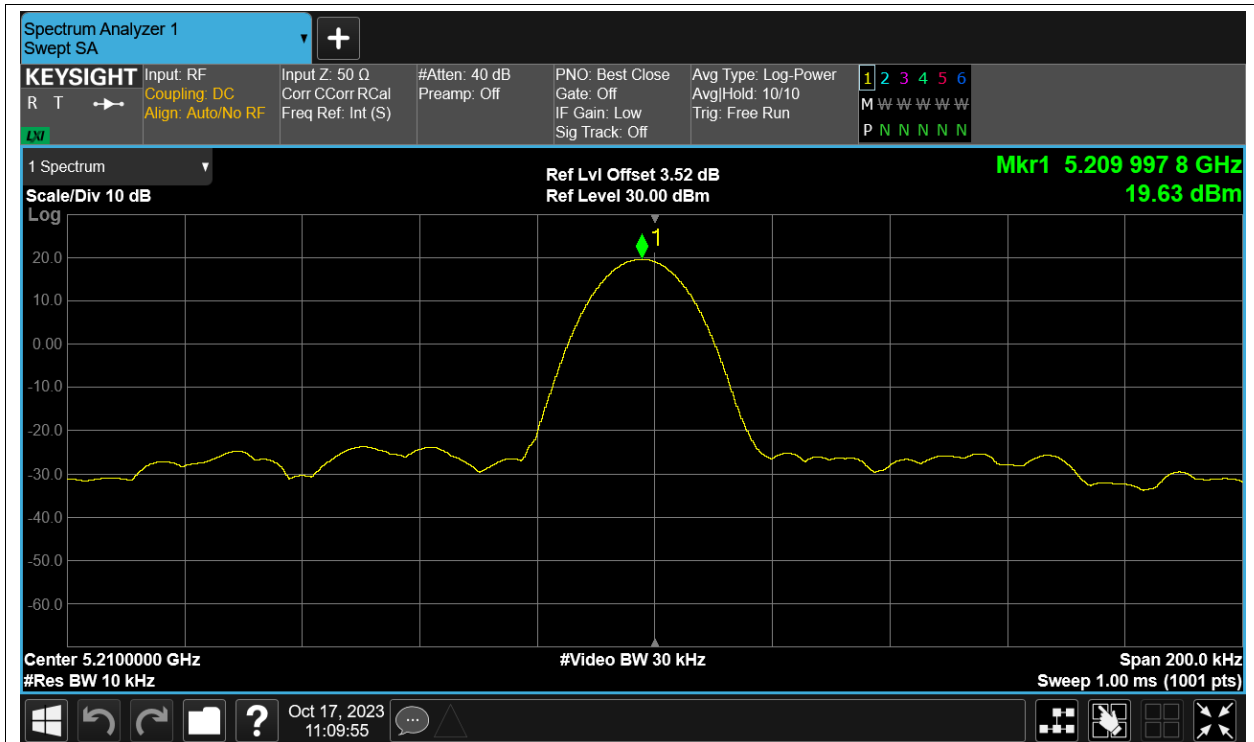
Freq. Stability LVNT ac80 5210MHz Ant14



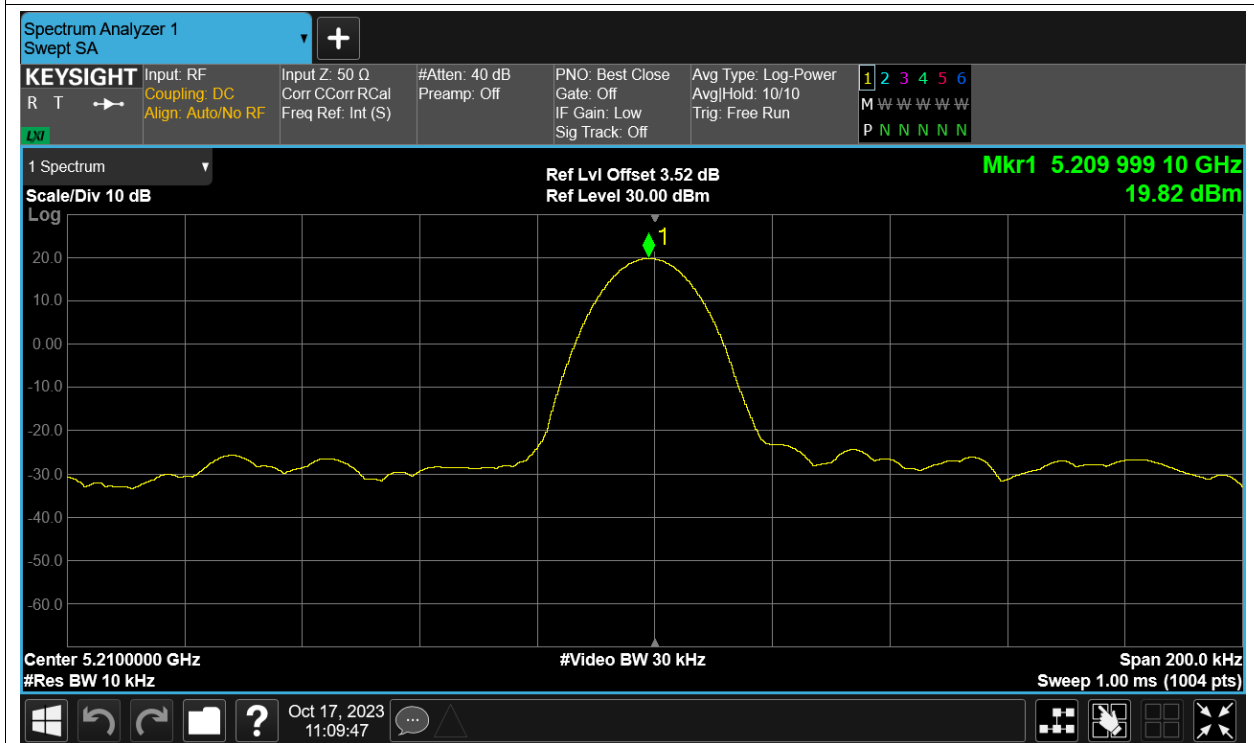
Freq. Stability NVHT ac80 5210MHz Ant14



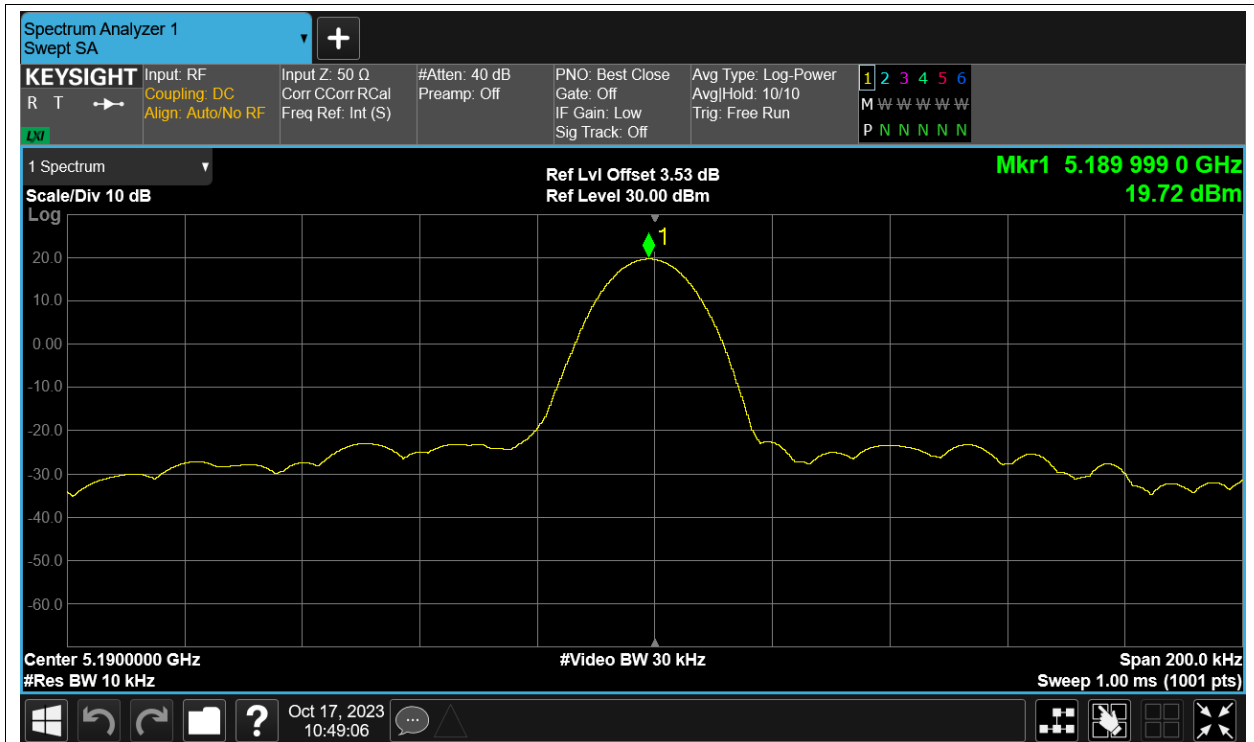
Freq. Stability NVLT ac80 5210MHz Ant14



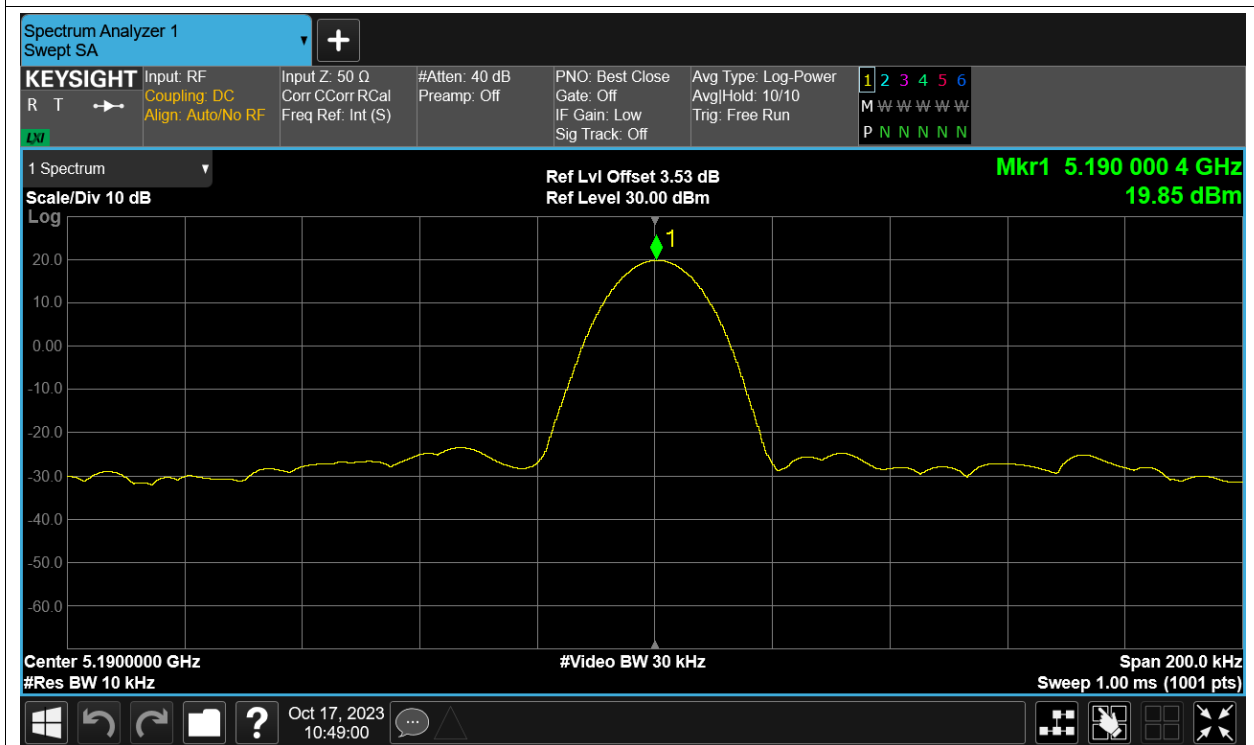
Freq. Stability NVNT ac80 5210MHz Ant14



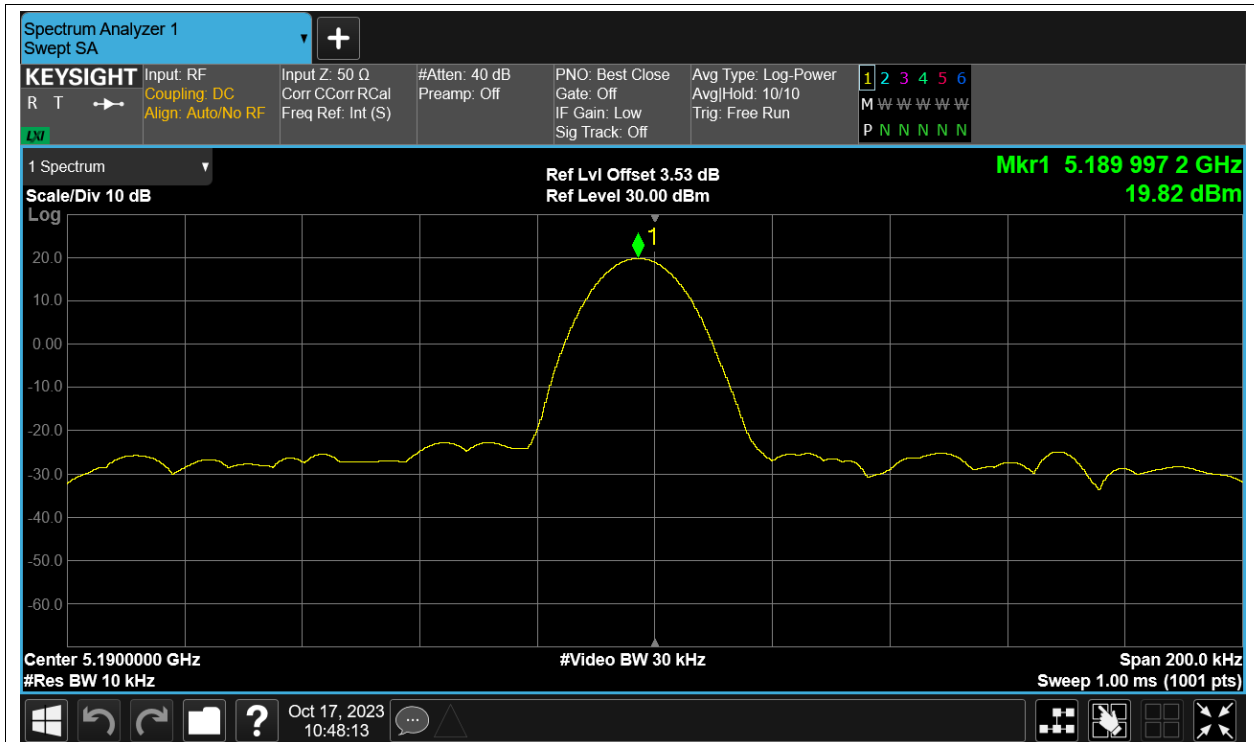
Freq. Stability HVNT n40 5190MHz Ant14



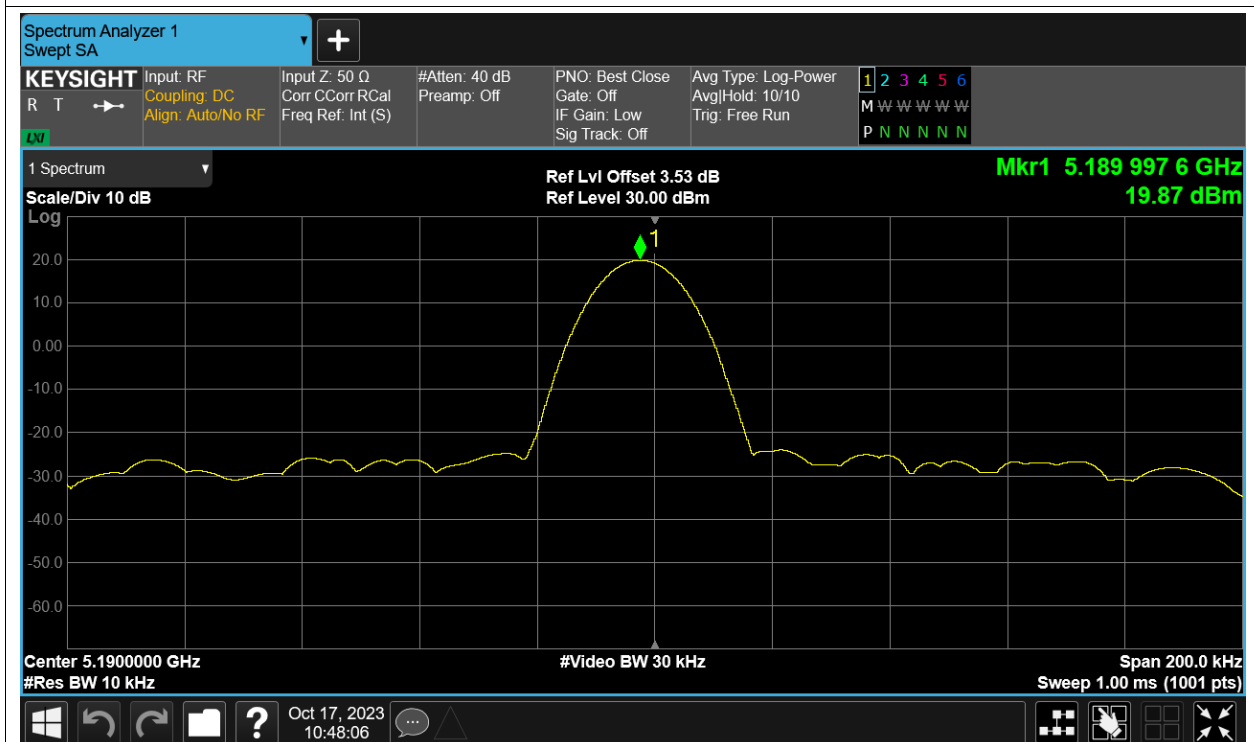
Freq. Stability LVNT n40 5190MHz Ant14



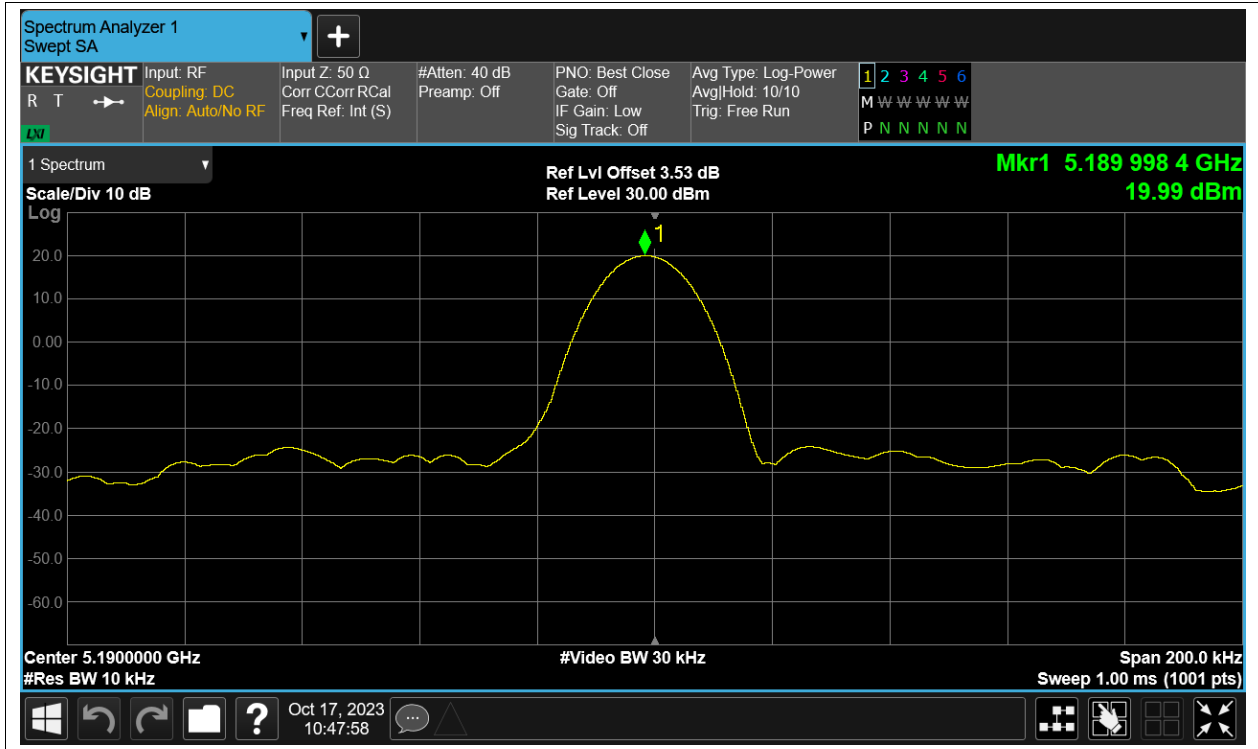
Freq. Stability NVHT n40 5190MHz Ant14



Freq. Stability NVLT n40 5190MHz Ant14



Freq. Stability NVNT n40 5190MHz Ant14

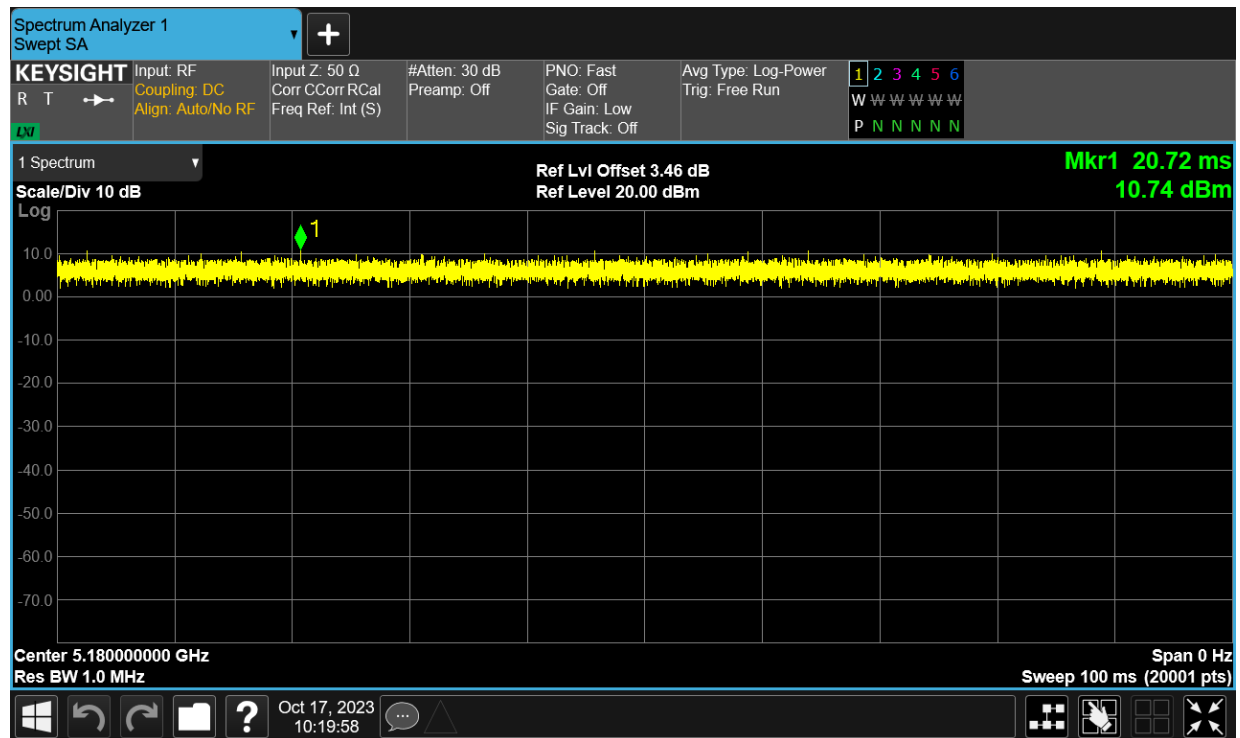


Duty Cycle

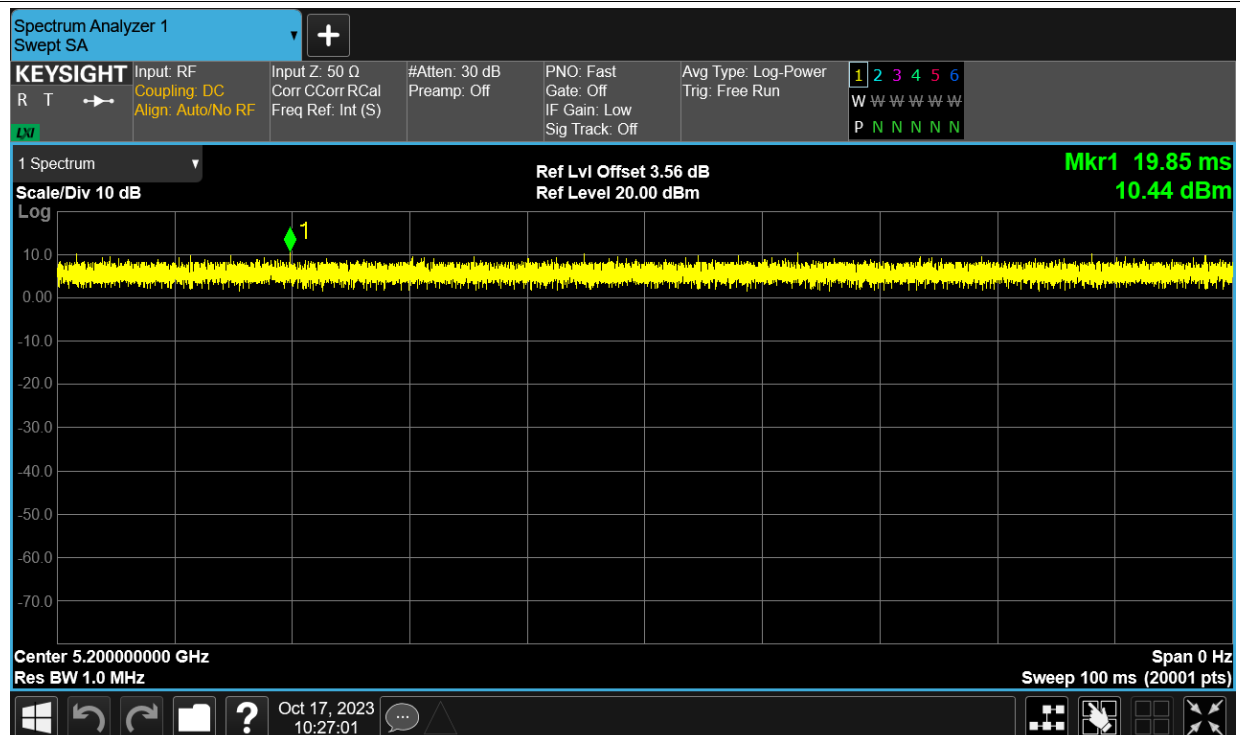
Condition	Mode	Frequency (MHz)	Antenna	Duty Cycle (%)	Correction Factor (dB)
NVNT	a	5180	Ant14	100	0
NVNT	a	5200	Ant14	100	0
NVNT	a	5240	Ant14	100	0
NVNT	ac20	5180	Ant14	100	0
NVNT	ac20	5200	Ant14	100	0
NVNT	ac20	5240	Ant14	100	0
NVNT	ac40	5190	Ant14	100	0
NVNT	ac40	5230	Ant14	100	0
NVNT	ac80	5210	Ant14	100	0
NVNT	n20	5180	Ant14	100	0
NVNT	n20	5200	Ant14	100	0
NVNT	n20	5240	Ant14	100	0
NVNT	n40	5190	Ant14	100	0
NVNT	n40	5230	Ant14	100	0

Test Graphs

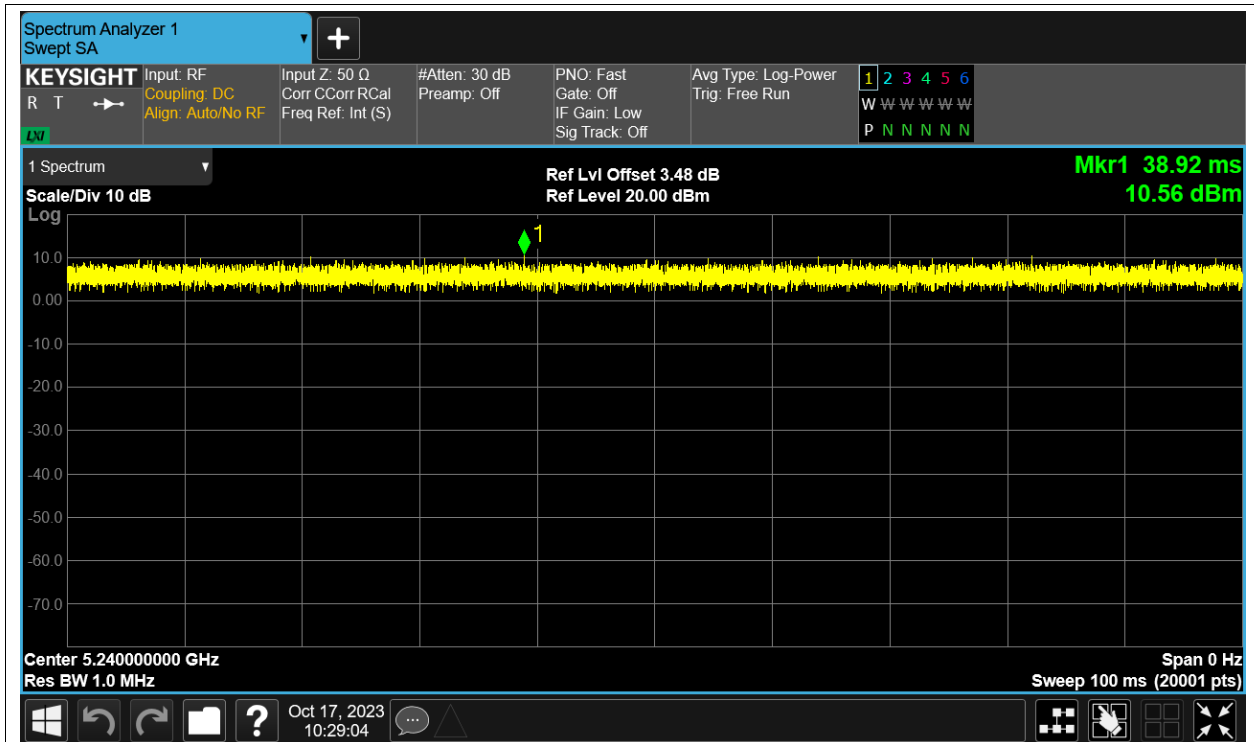
Duty Cycle NVNT a 5180MHz Ant14



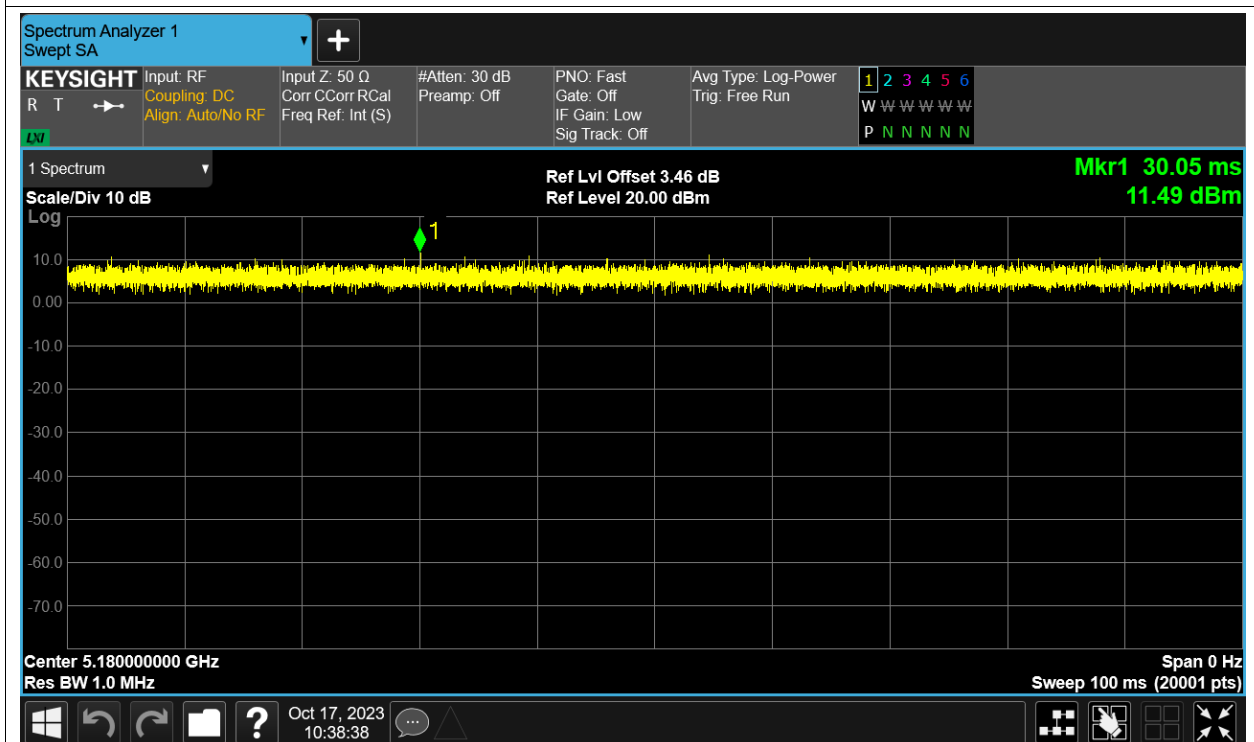
Duty Cycle NVNT a 5200MHz Ant14



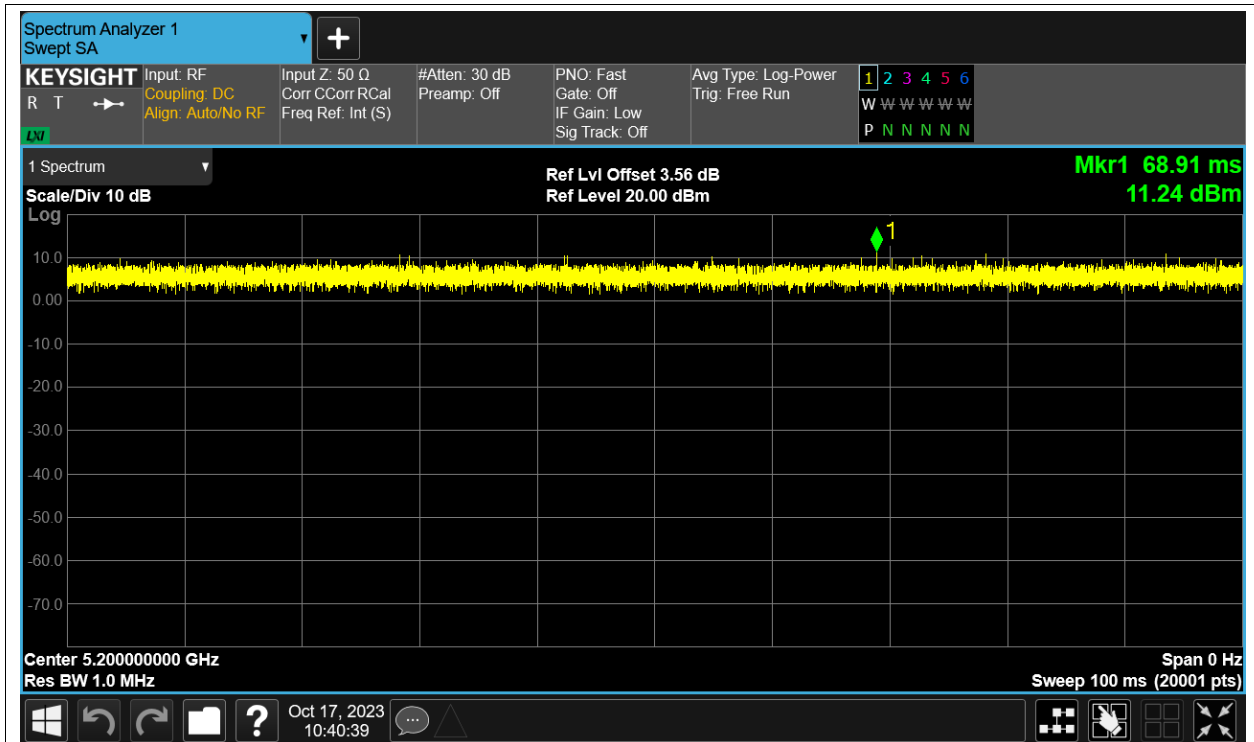
Duty Cycle NVNT a 5240MHz Ant14



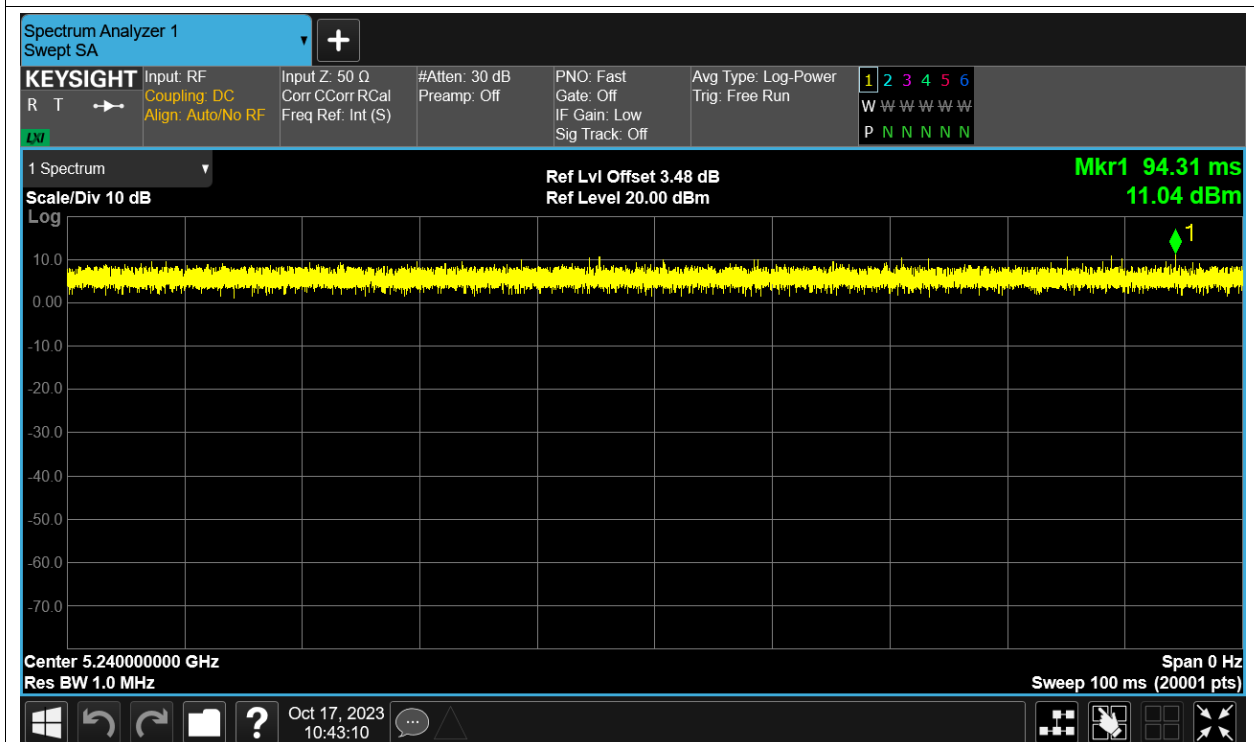
Duty Cycle NVNT ac20 5180MHz Ant14



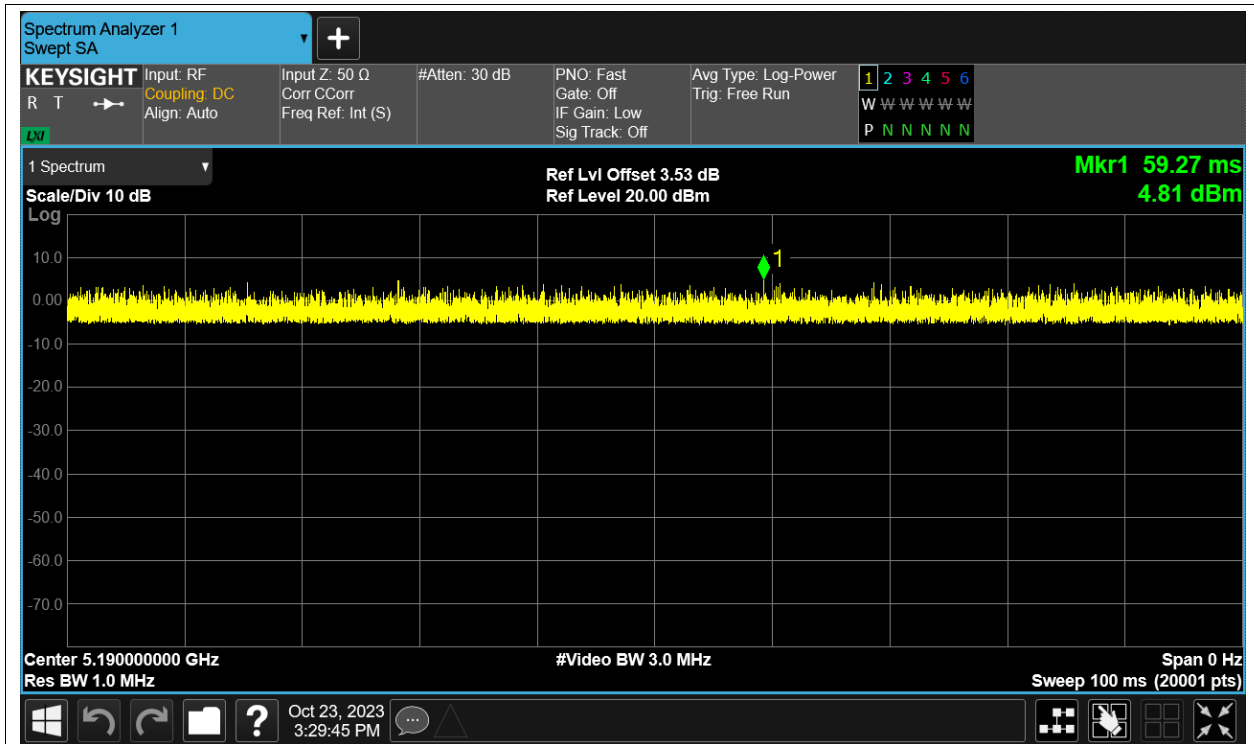
Duty Cycle NVNT ac20 5200MHz Ant14



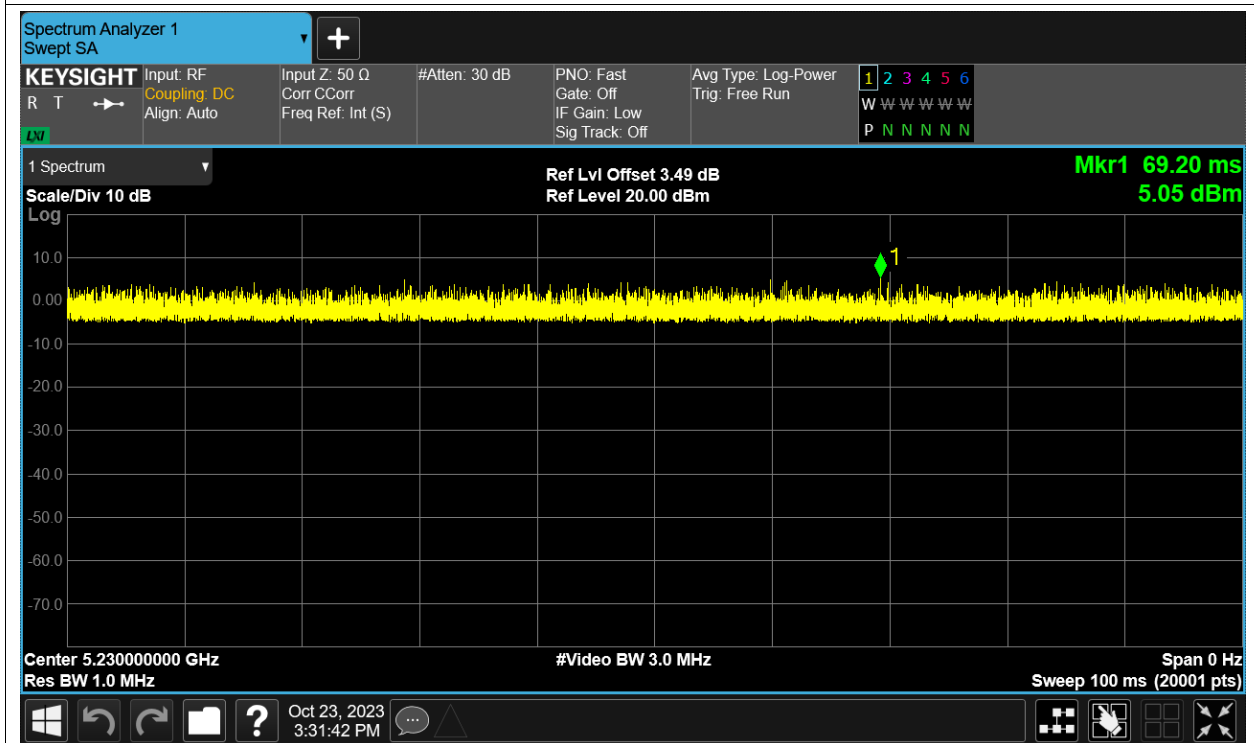
Duty Cycle NVNT ac20 5240MHz Ant14



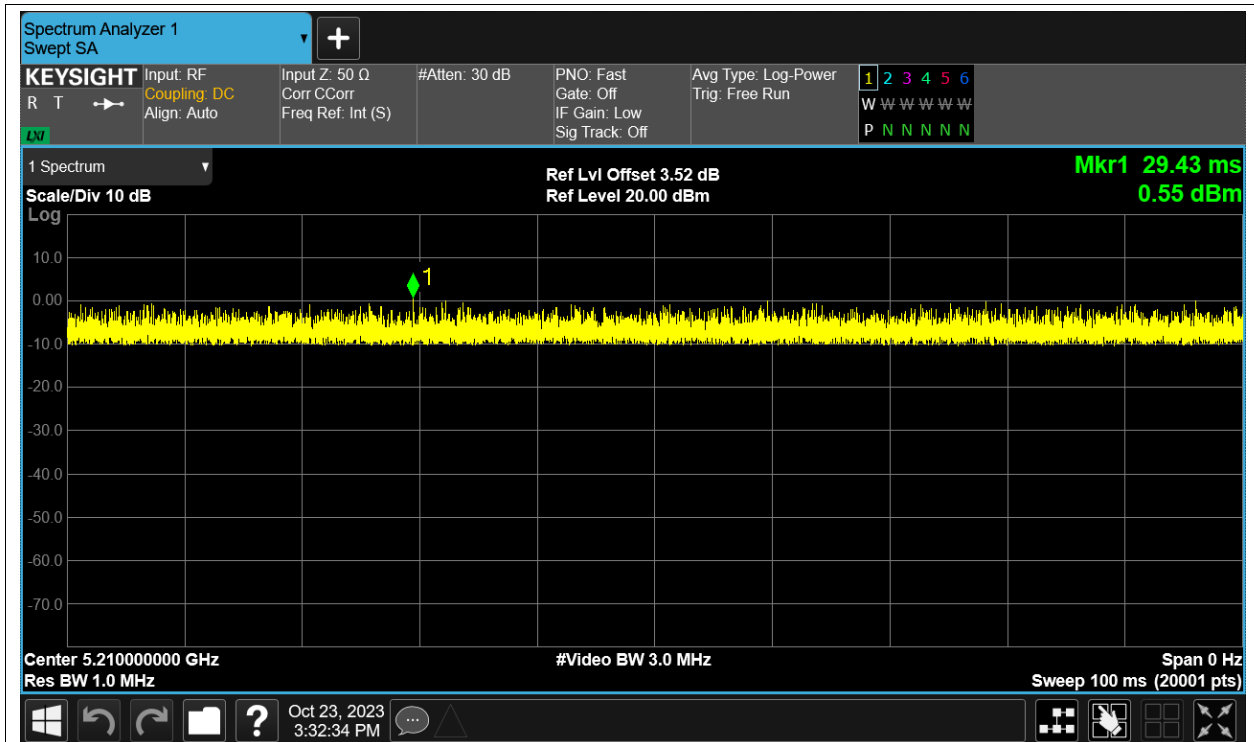
Duty Cycle NVNT ac40 5190MHz Ant14



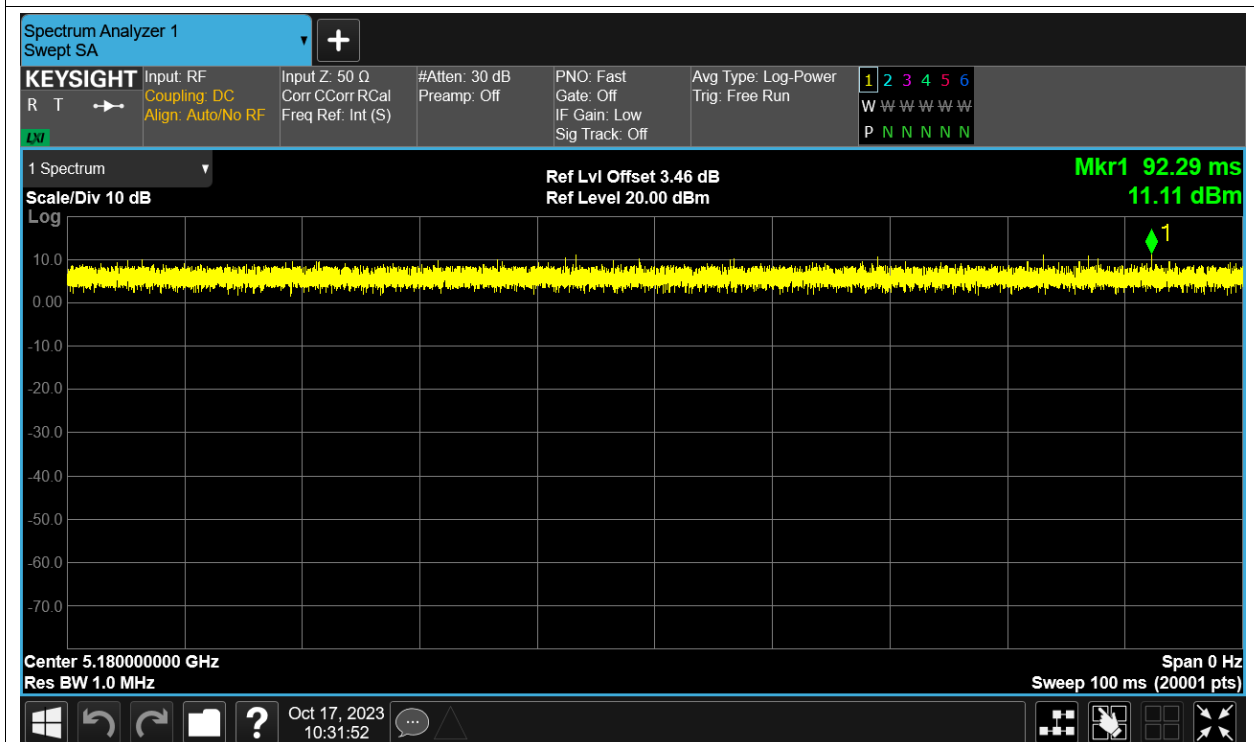
Duty Cycle NVNT ac40 5230MHz Ant14



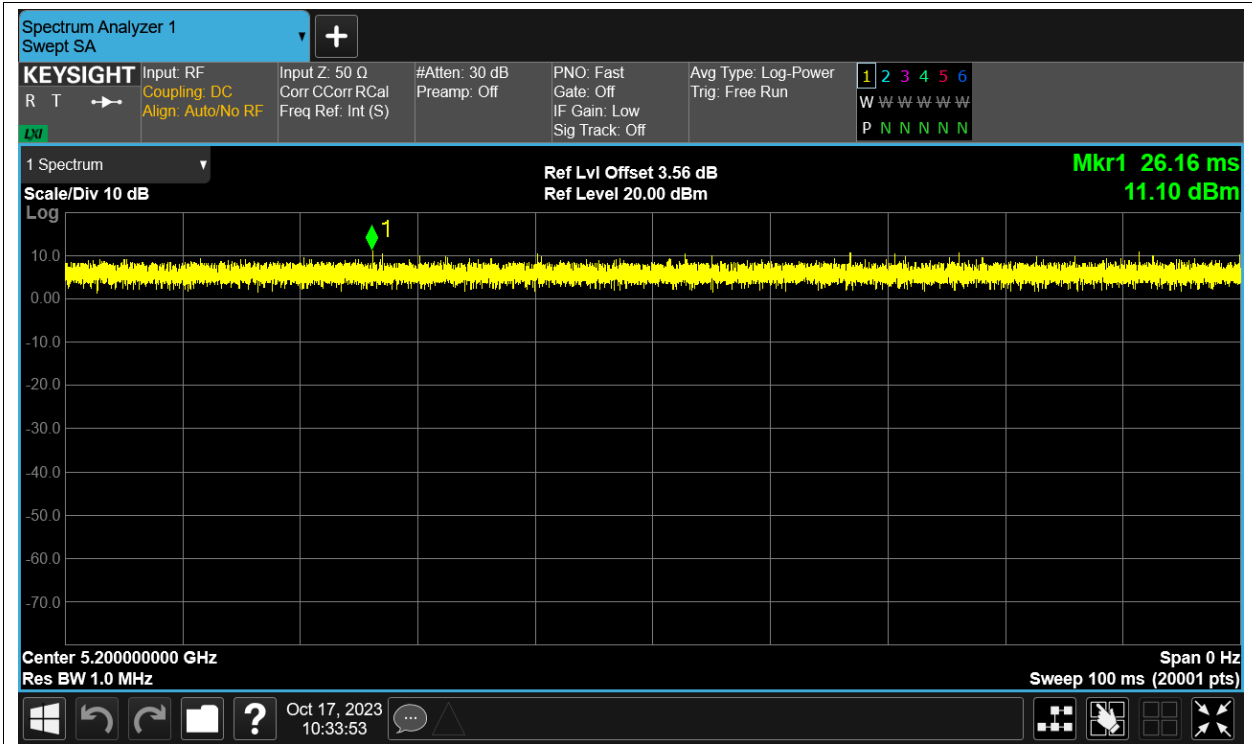
Duty Cycle NVNT ac80 5210MHz Ant14



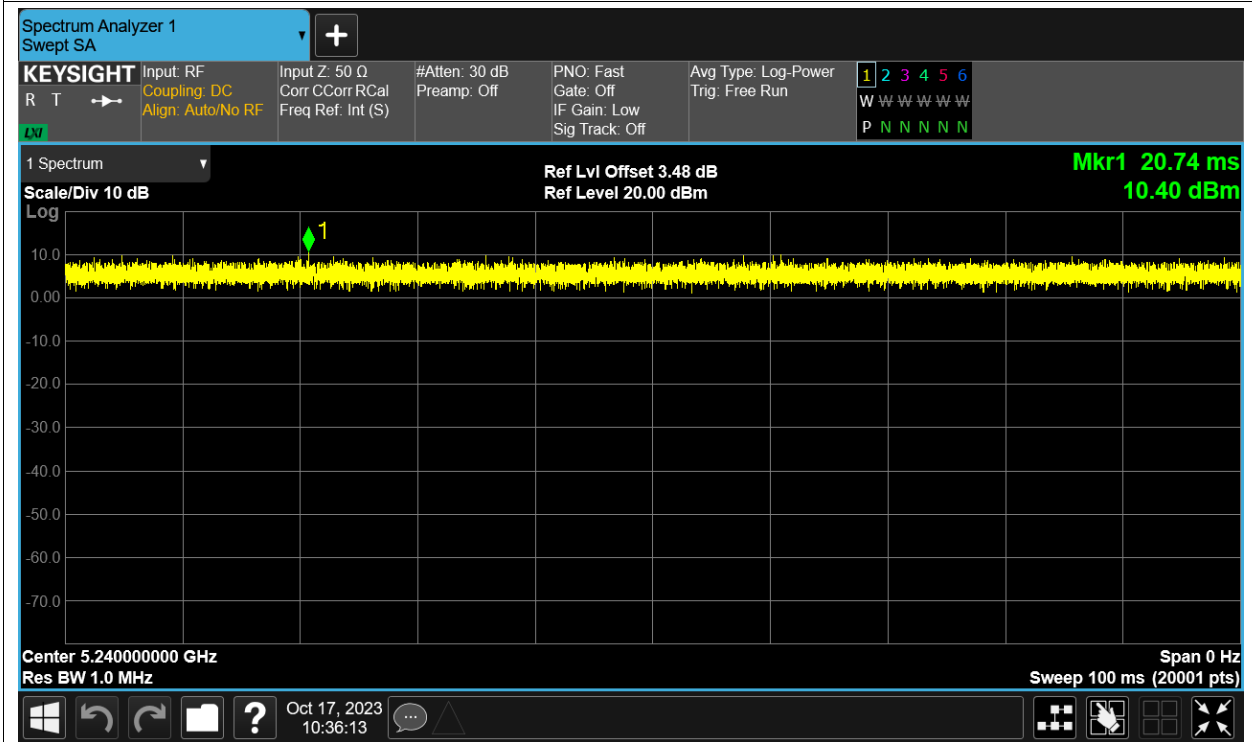
Duty Cycle NVNT n20 5180MHz Ant14



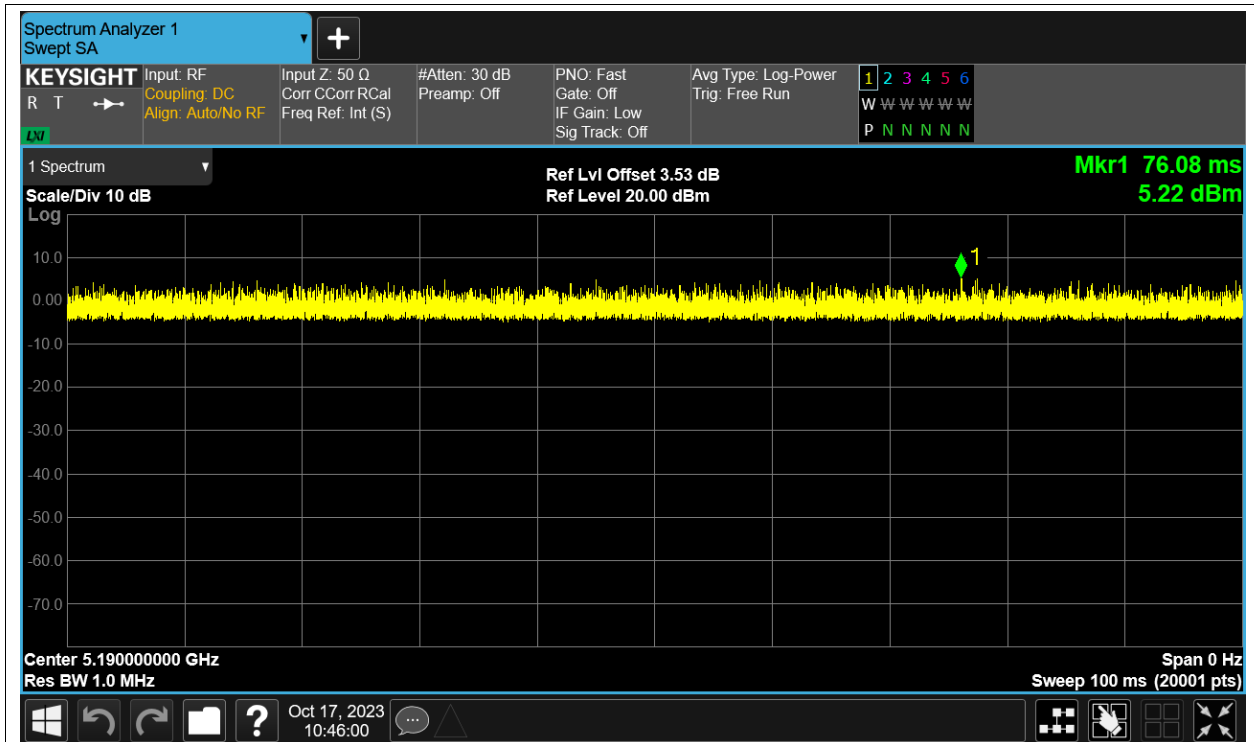
Duty Cycle NVNT n20 5200MHz Ant14



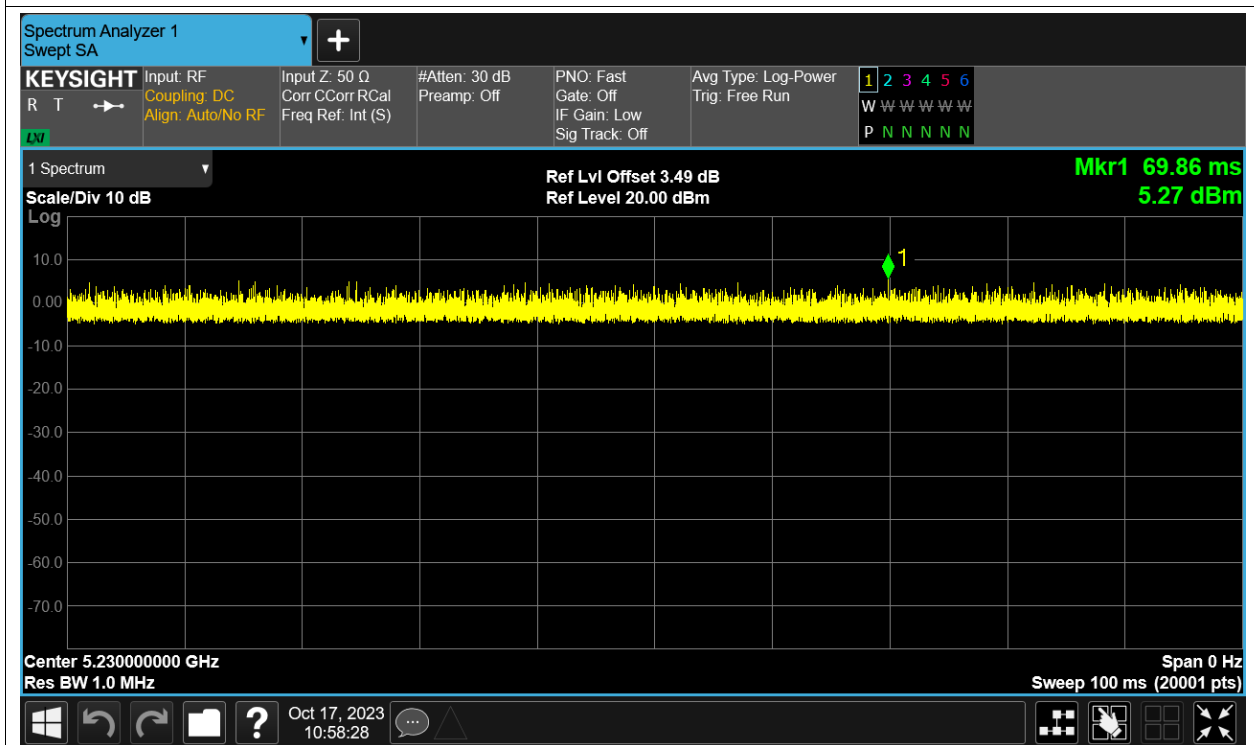
Duty Cycle NVNT n20 5240MHz Ant14



Duty Cycle NVNT n40 5190MHz Ant14



Duty Cycle NVNT n40 5230MHz Ant14



Maximum Conducted Output Power

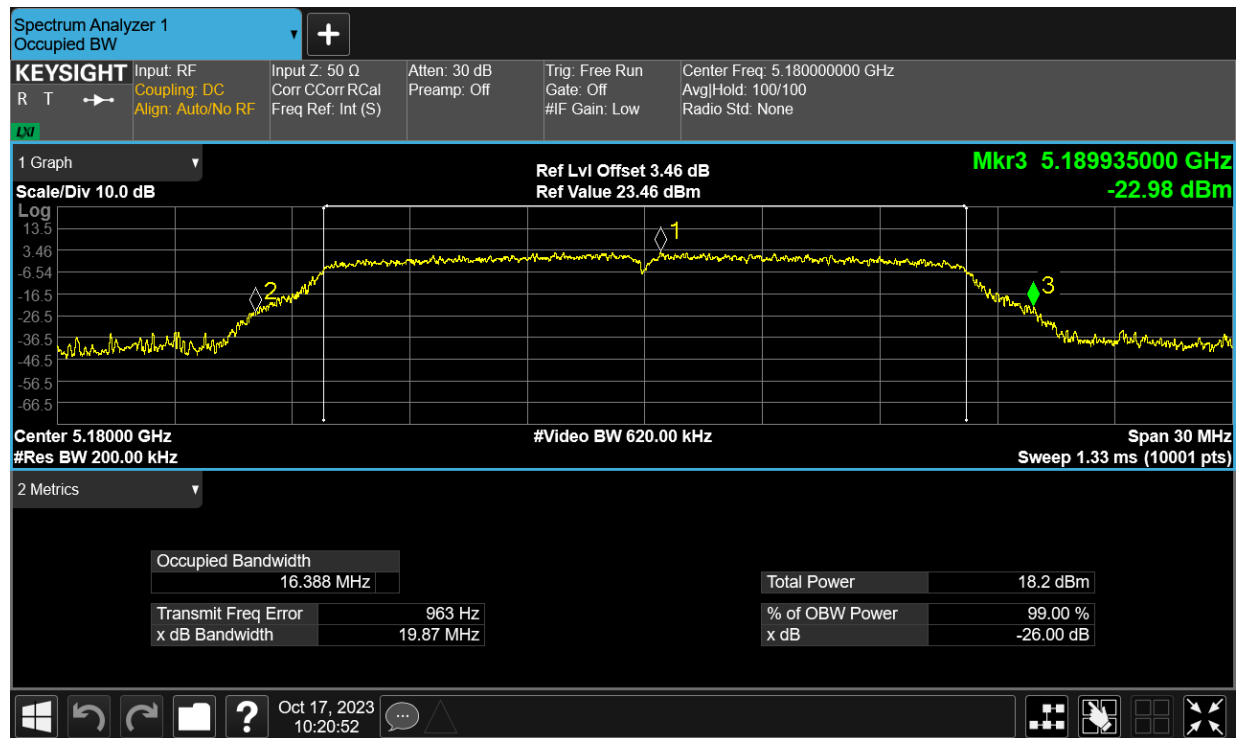
Condition	Mode	Frequency (MHz)	Antenna	Conducted Power (dBm)	Duty Factor (dB)	Total Power (dBm)	Limit (dBm)	Verdict
NVNT	a	5180	Ant14	13.11	0	13.11	24	Pass
NVNT	a	5200	Ant14	12.68	0	12.68	24	Pass
NVNT	a	5240	Ant14	12.78	0	12.78	24	Pass
NVNT	ac20	5180	Ant14	13.15	0	13.15	24	Pass
NVNT	ac20	5200	Ant14	12.84	0	12.84	24	Pass
NVNT	ac20	5240	Ant14	12.82	0	12.82	24	Pass
NVNT	ac40	5190	Ant14	11.19	0	11.19	24	Pass
NVNT	ac40	5230	Ant14	11.76	0	11.76	24	Pass
NVNT	ac80	5210	Ant14	9.57	0	9.57	24	Pass
NVNT	n20	5180	Ant14	13.1	0	13.1	24	Pass
NVNT	n20	5200	Ant14	12.92	0	12.92	24	Pass
NVNT	n20	5240	Ant14	12.68	0	12.68	24	Pass
NVNT	n40	5190	Ant14	12.16	0	12.16	24	Pass
NVNT	n40	5230	Ant14	12.04	0	12.04	24	Pass

-26dB Bandwidth

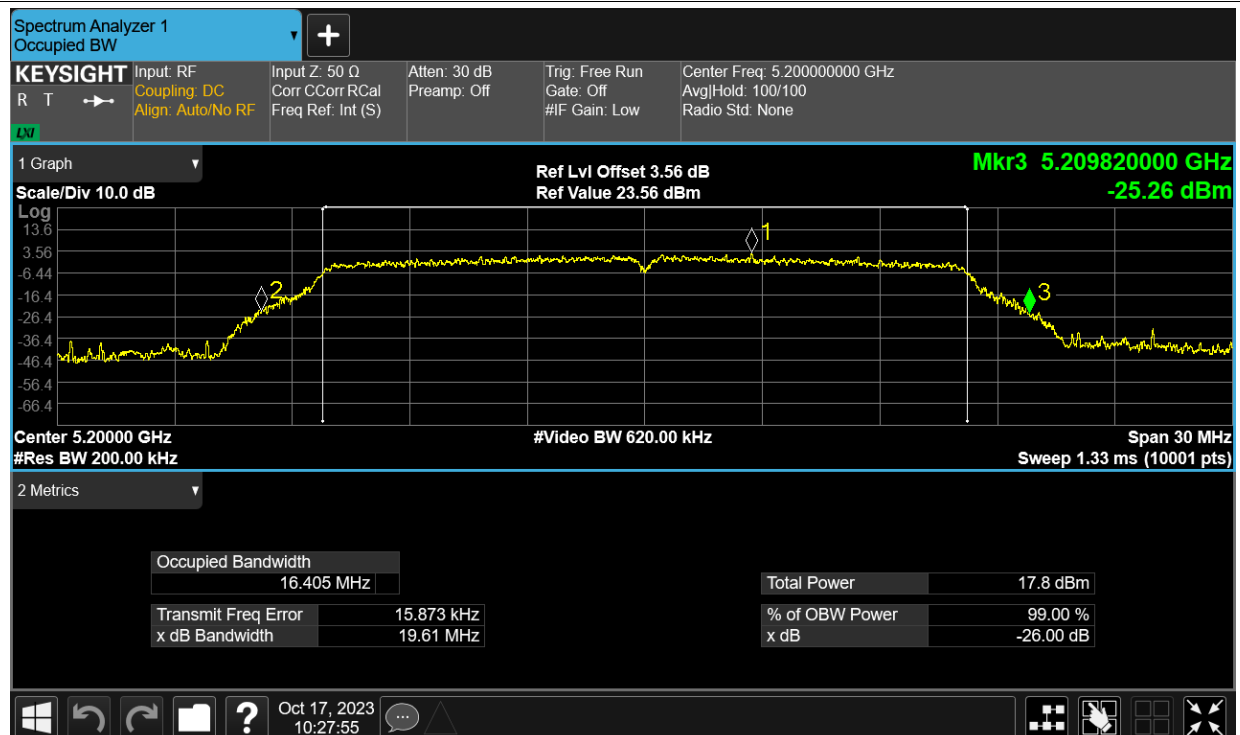
Condition	Mode	Frequency (MHz)	Antenna	-26 dB Bandwidth (MHz)
NVNT	a	5180	Ant14	19.868
NVNT	a	5200	Ant14	19.609
NVNT	a	5240	Ant14	19.672
NVNT	ac20	5180	Ant14	19.927
NVNT	ac20	5200	Ant14	20.058
NVNT	ac20	5240	Ant14	20.101
NVNT	ac40	5190	Ant14	39.515
NVNT	ac40	5230	Ant14	39.203
NVNT	ac80	5210	Ant14	78.704
NVNT	n20	5180	Ant14	20.15
NVNT	n20	5200	Ant14	19.902
NVNT	n20	5240	Ant14	19.966
NVNT	n40	5190	Ant14	39.526
NVNT	n40	5230	Ant14	39.172

Test Graphs

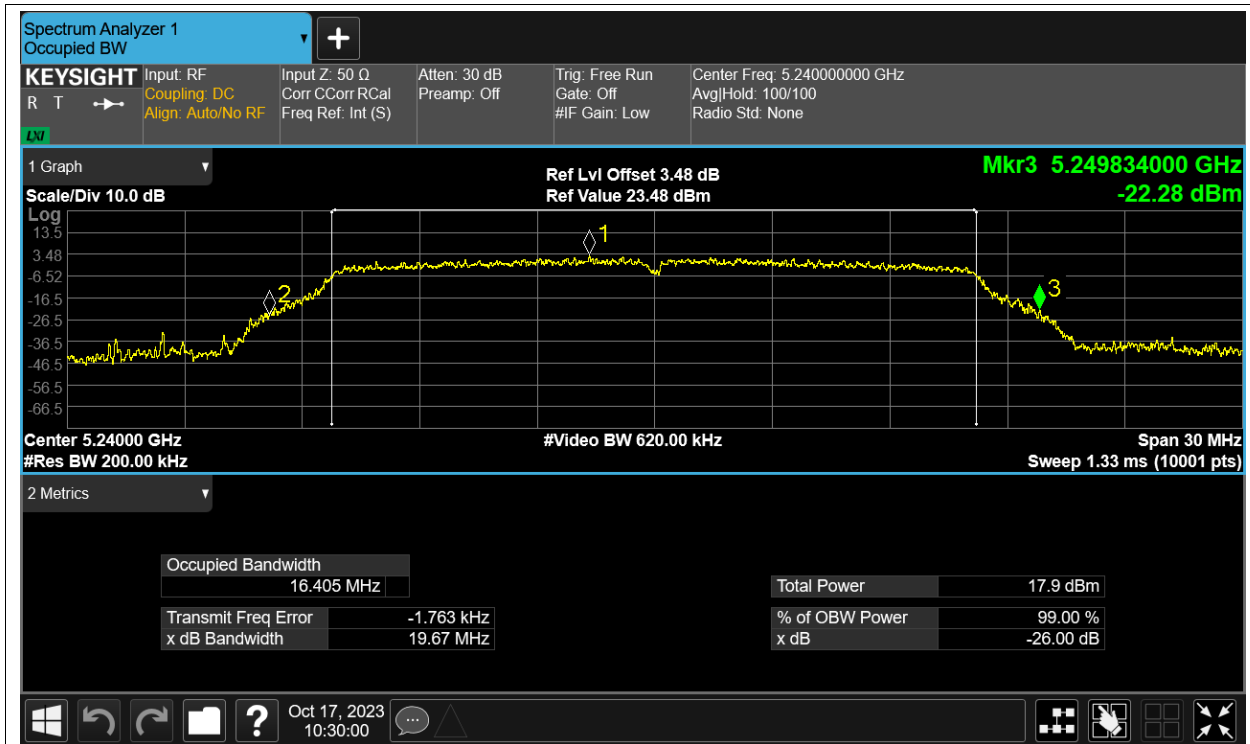
-26dB Bandwidth NVNT a 5180MHz Ant14



-26dB Bandwidth NVNT a 5200MHz Ant14



-26dB Bandwidth NVNT a 5240MHz Ant14



-26dB Bandwidth NVNT ac20 5180MHz Ant14



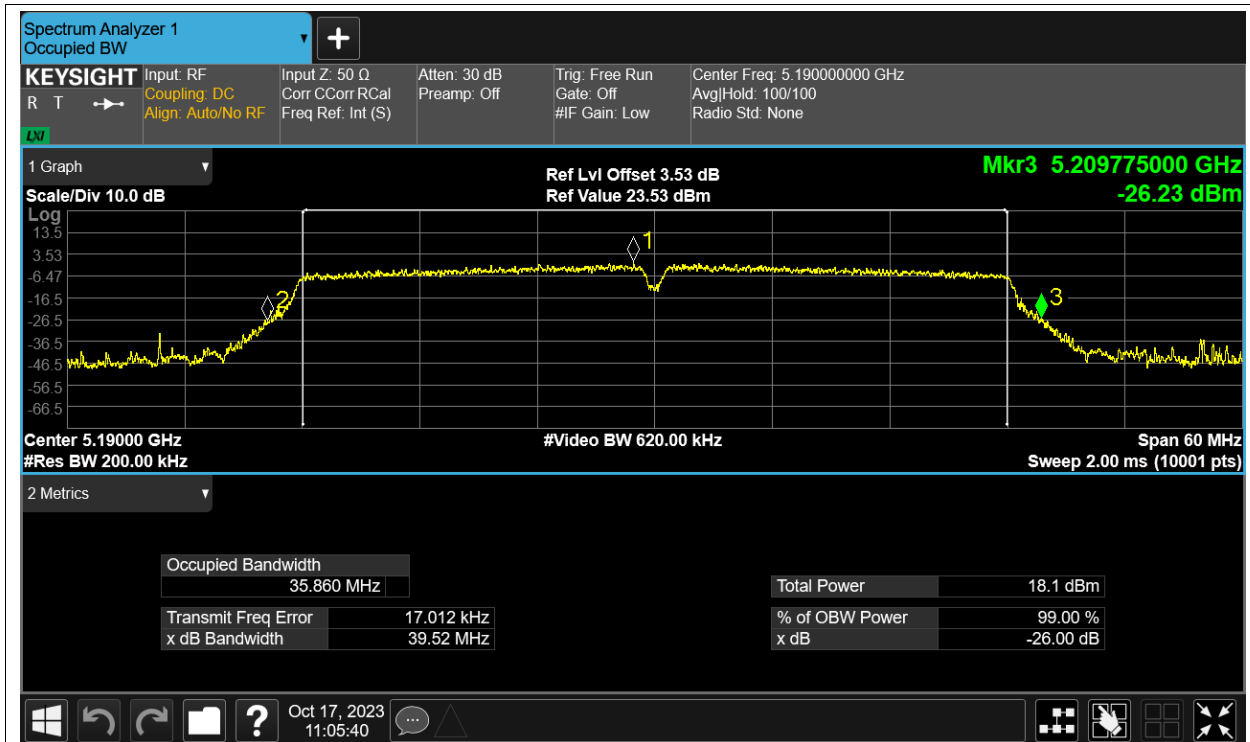
-26dB Bandwidth NVNT ac20 5200MHz Ant14



-26dB Bandwidth NVNT ac20 5240MHz Ant14



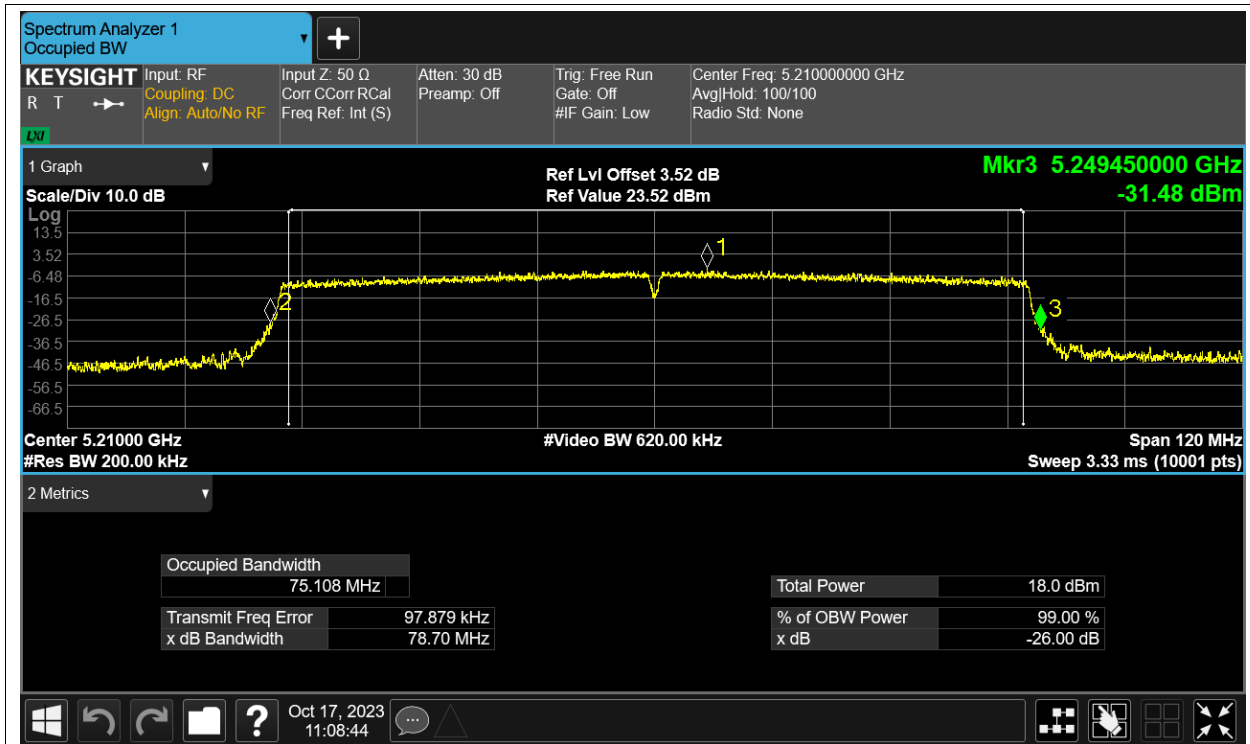
-26dB Bandwidth NVNT ac40 5190MHz Ant14



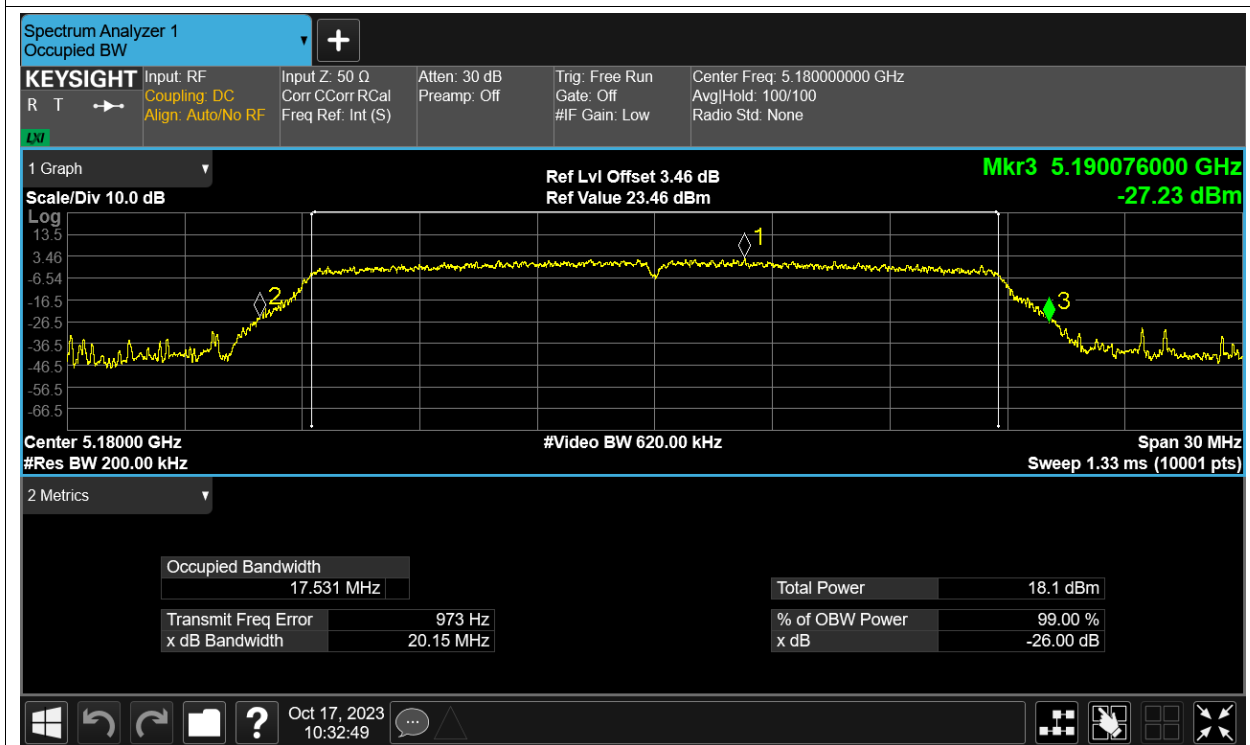
-26dB Bandwidth NVNT ac40 5230MHz Ant14



-26dB Bandwidth NVNT ac80 5210MHz Ant14



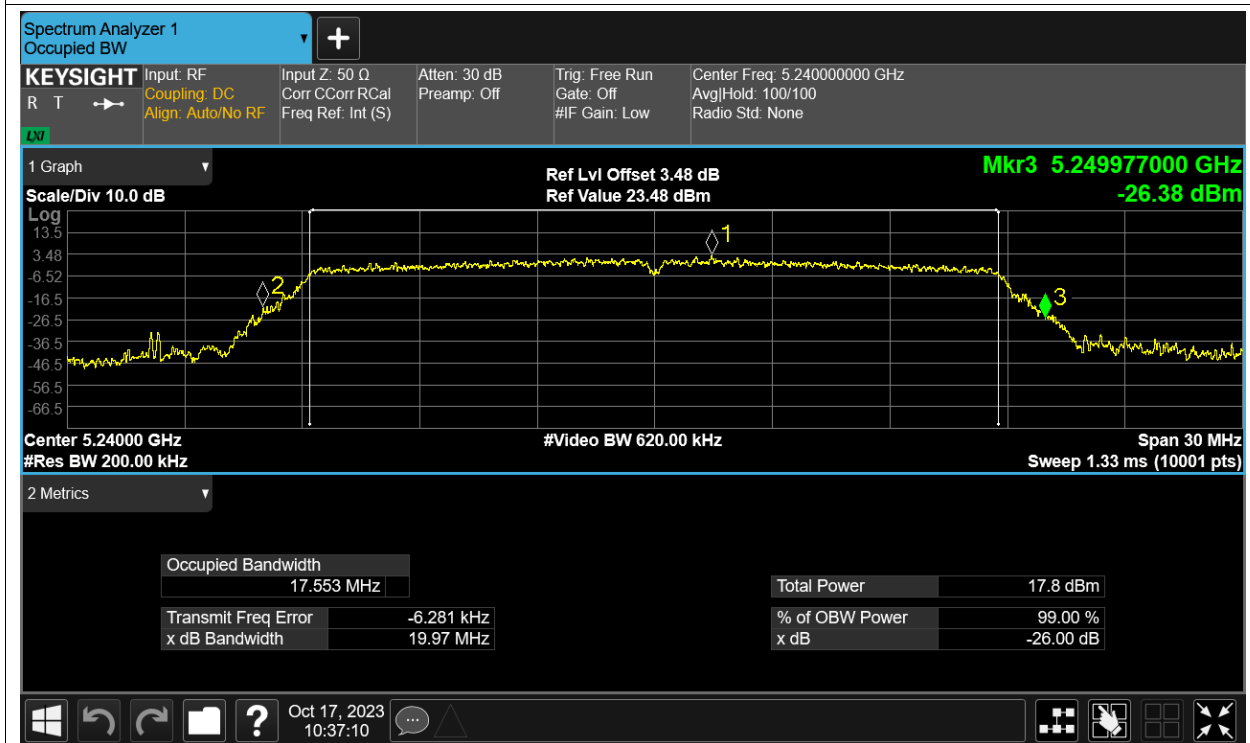
-26dB Bandwidth NVNT n20 5180MHz Ant14



-26dB Bandwidth NVNT n20 5200MHz Ant14



-26dB Bandwidth NVNT n20 5240MHz Ant14



-26dB Bandwidth NVNT n40 5190MHz Ant14



-26dB Bandwidth NVNT n40 5230MHz Ant14

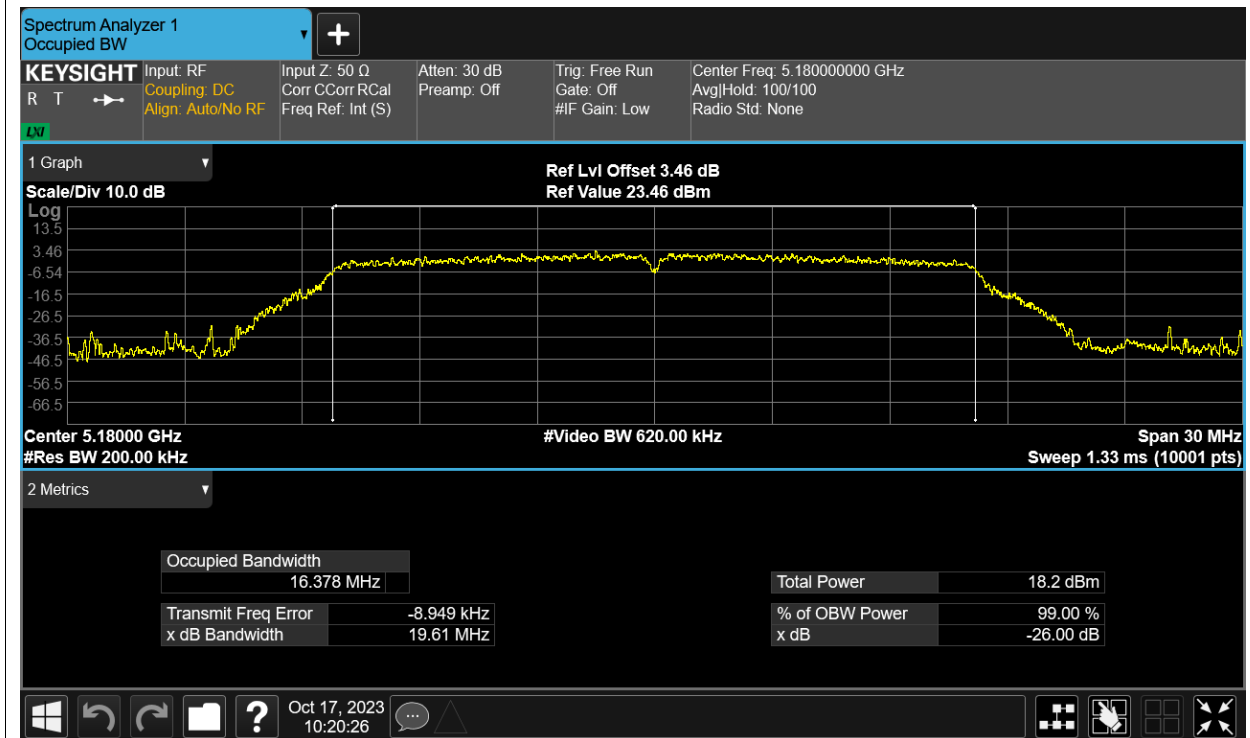


Occupied Channel Bandwidth

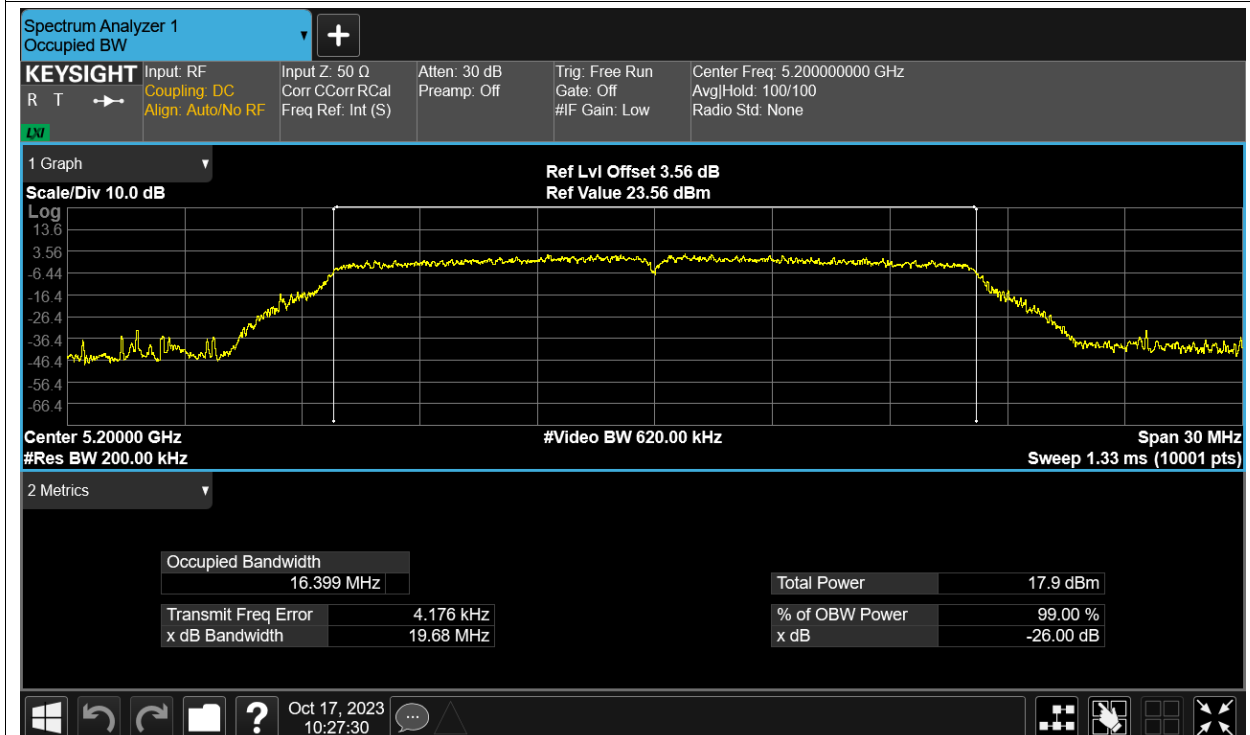
Condition	Mode	Frequency (MHz)	Antenna	99% OBW (MHz)
NVNT	a	5180	Ant14	16.378
NVNT	a	5200	Ant14	16.399
NVNT	a	5240	Ant14	16.393
NVNT	ac20	5180	Ant14	17.547
NVNT	ac20	5200	Ant14	17.56
NVNT	ac20	5240	Ant14	17.552
NVNT	ac40	5190	Ant14	35.977
NVNT	ac40	5230	Ant14	35.94
NVNT	ac80	5210	Ant14	75.089
NVNT	n20	5180	Ant14	17.553
NVNT	n20	5200	Ant14	17.534
NVNT	n20	5240	Ant14	17.561
NVNT	n40	5190	Ant14	35.904
NVNT	n40	5230	Ant14	35.943

Test Graphs

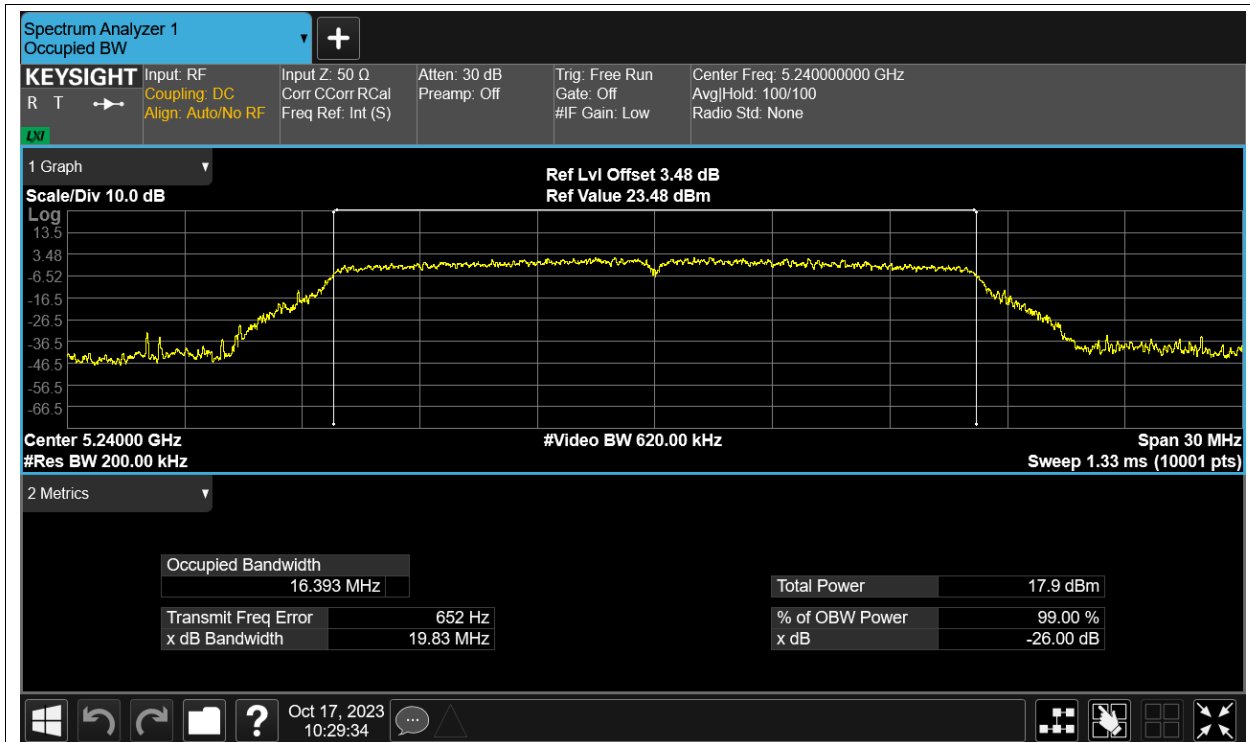
OBW NVNT a 5180MHz Ant14



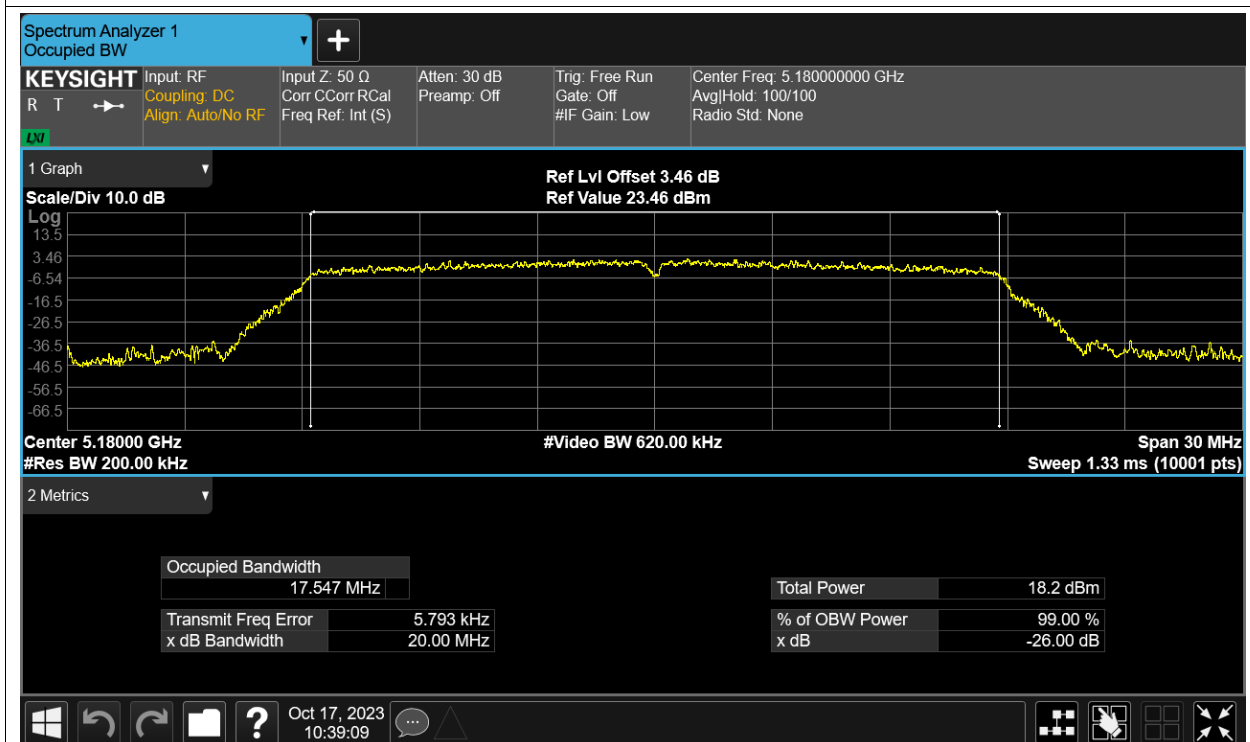
OBW NVNT a 5200MHz Ant14



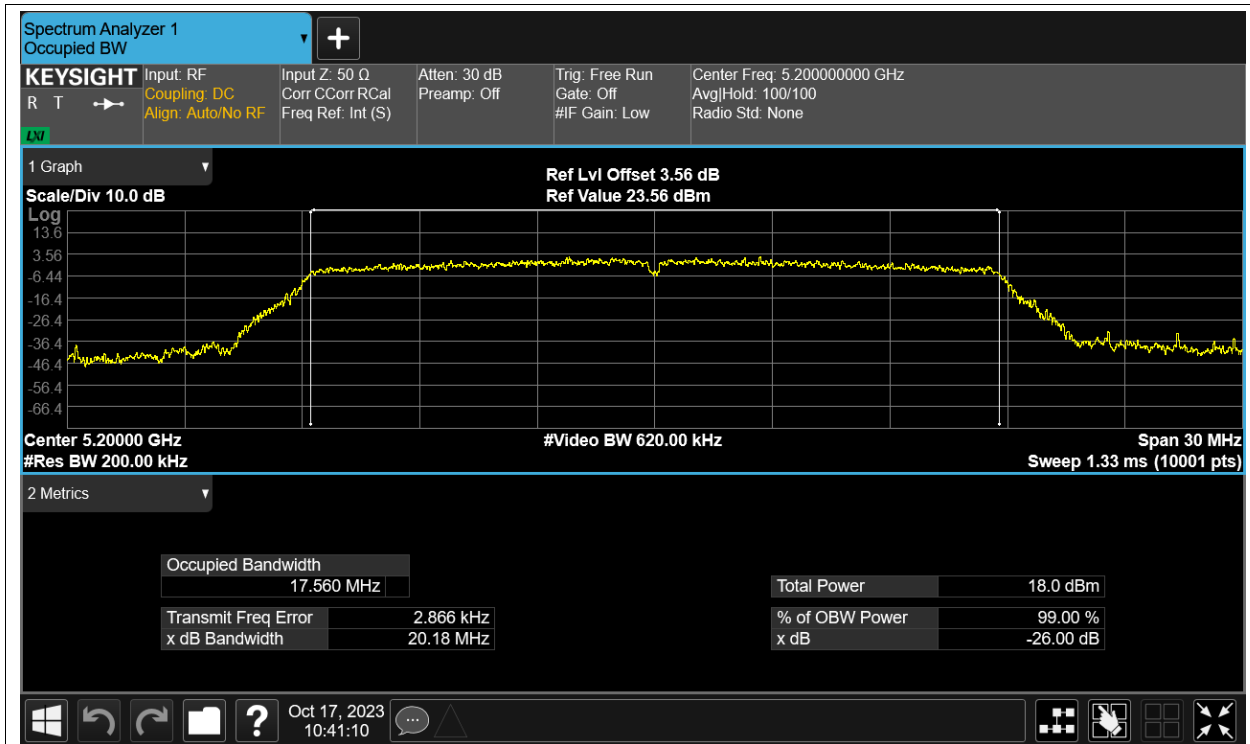
OBW NVNT a 5240MHz Ant14



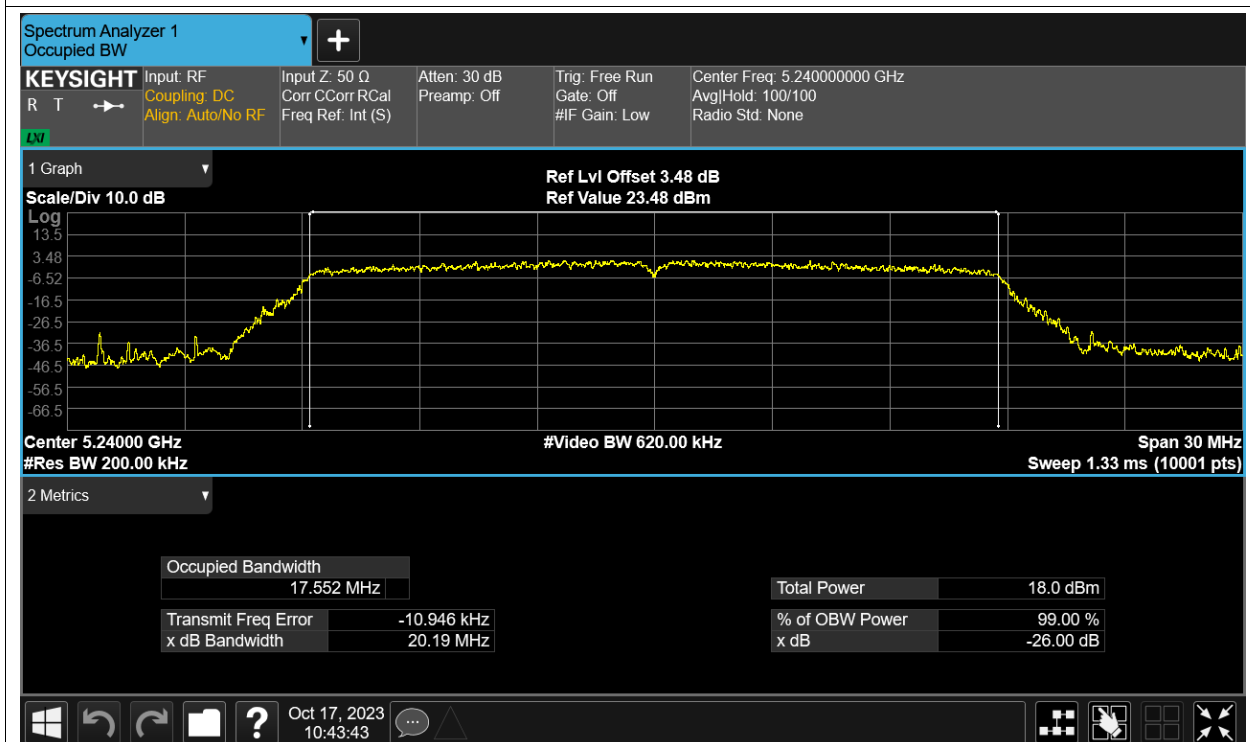
OBW NVNT ac20 5180MHz Ant14



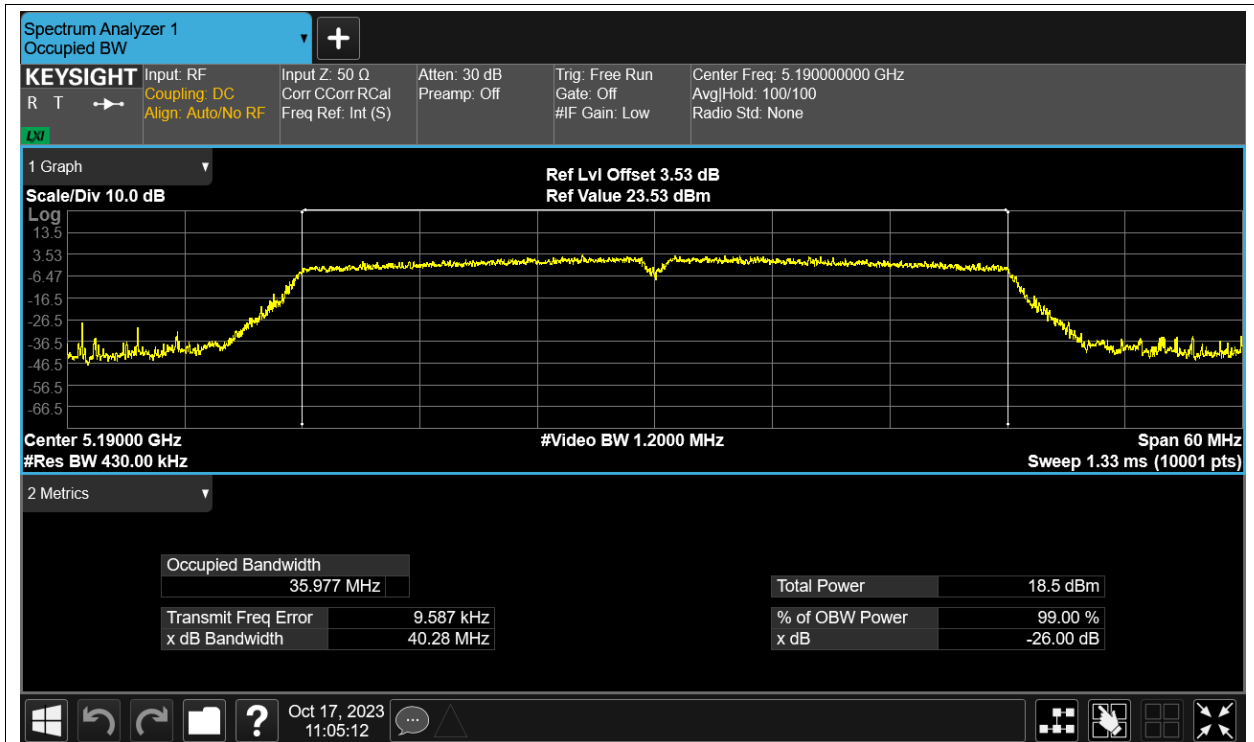
OBW NVNT ac20 5200MHz Ant14



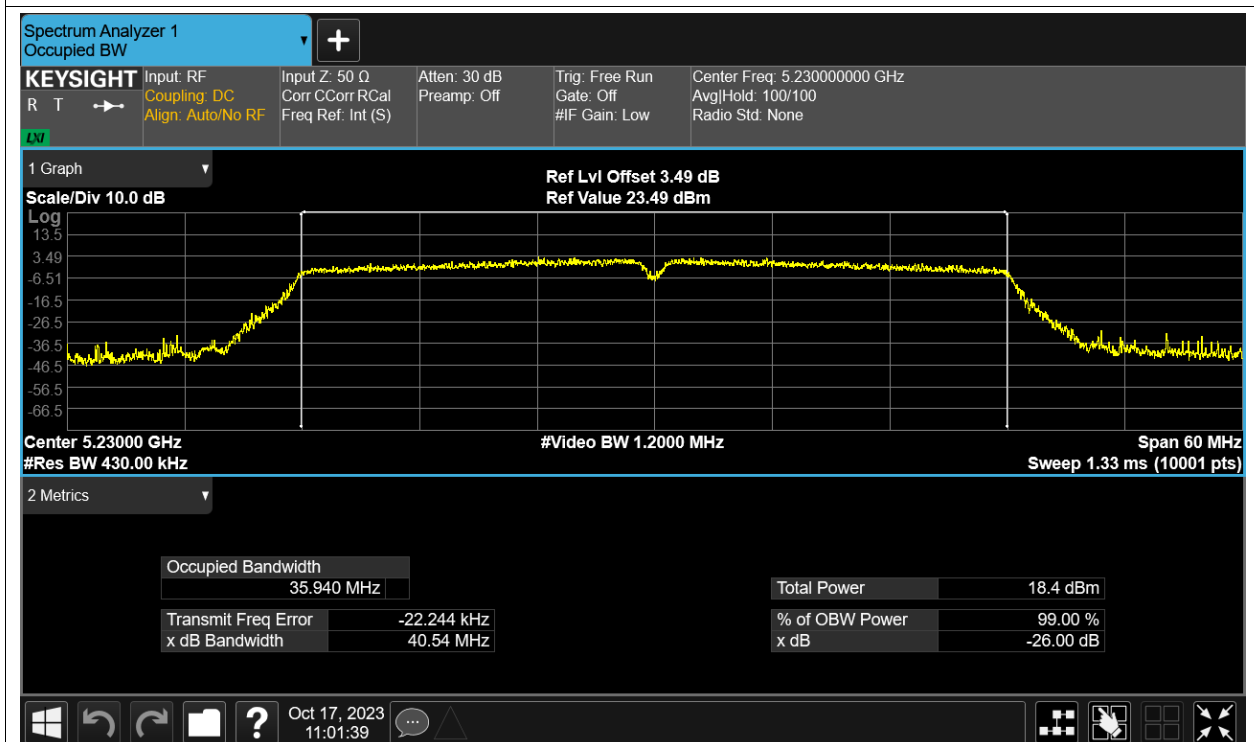
OBW NVNT ac20 5240MHz Ant14



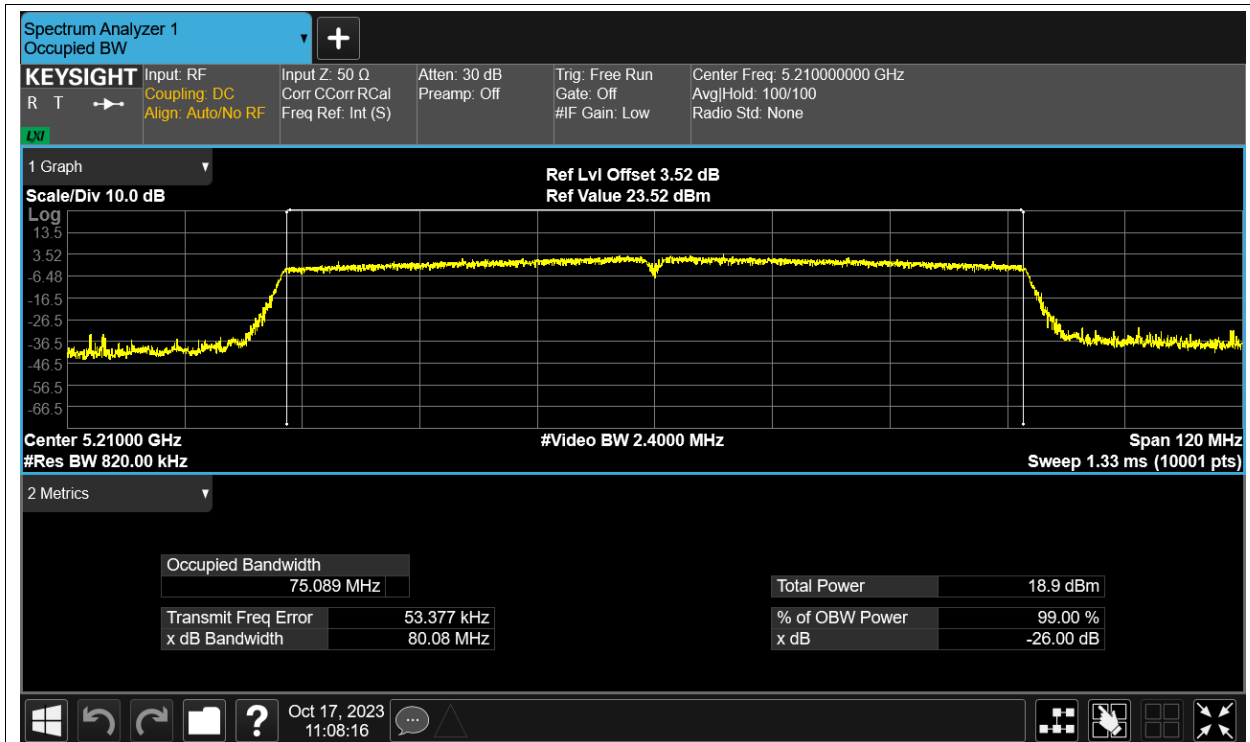
OBW NVNT ac40 5190MHz Ant14



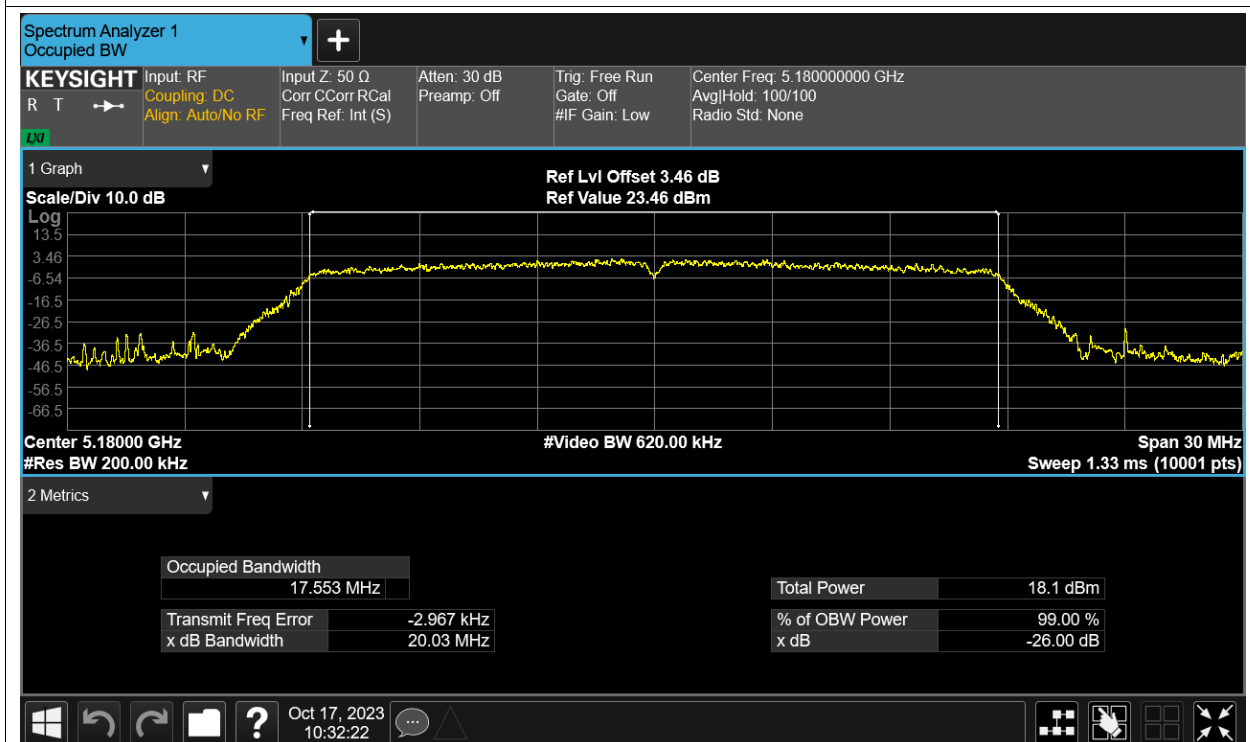
OBW NVNT ac40 5230MHz Ant14



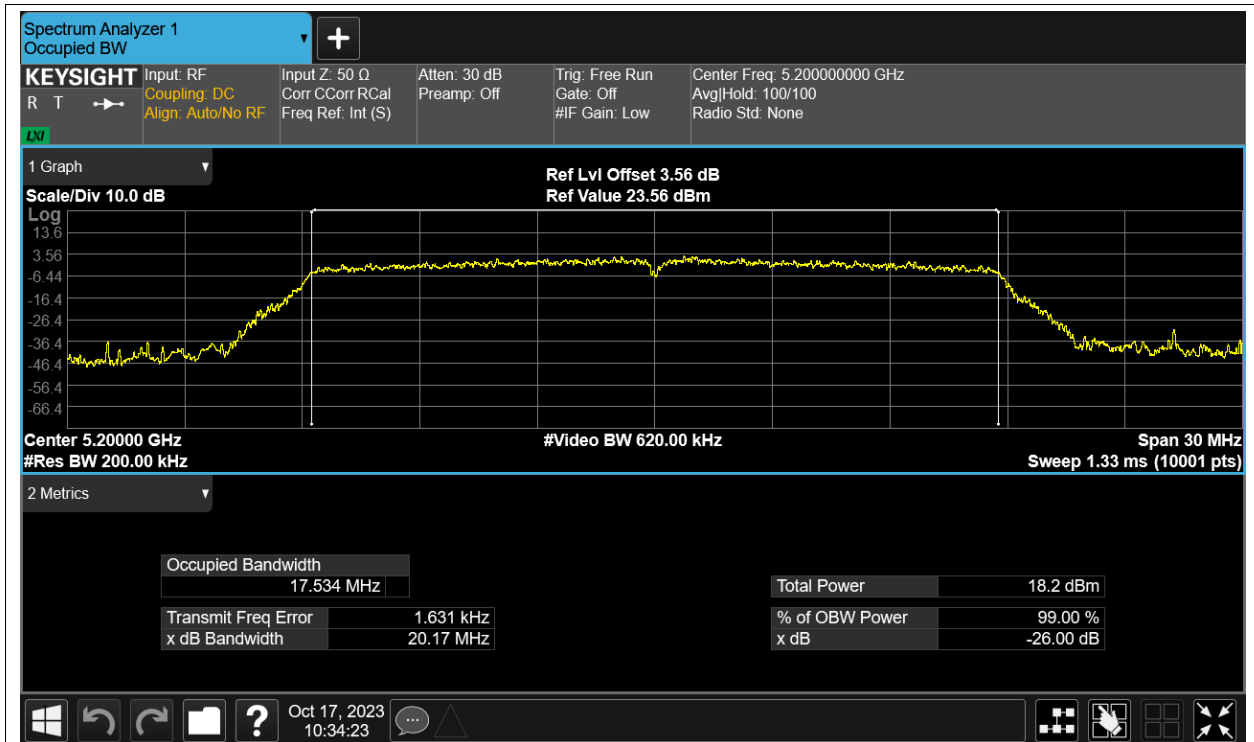
OBW NVNT ac80 5210MHz Ant14



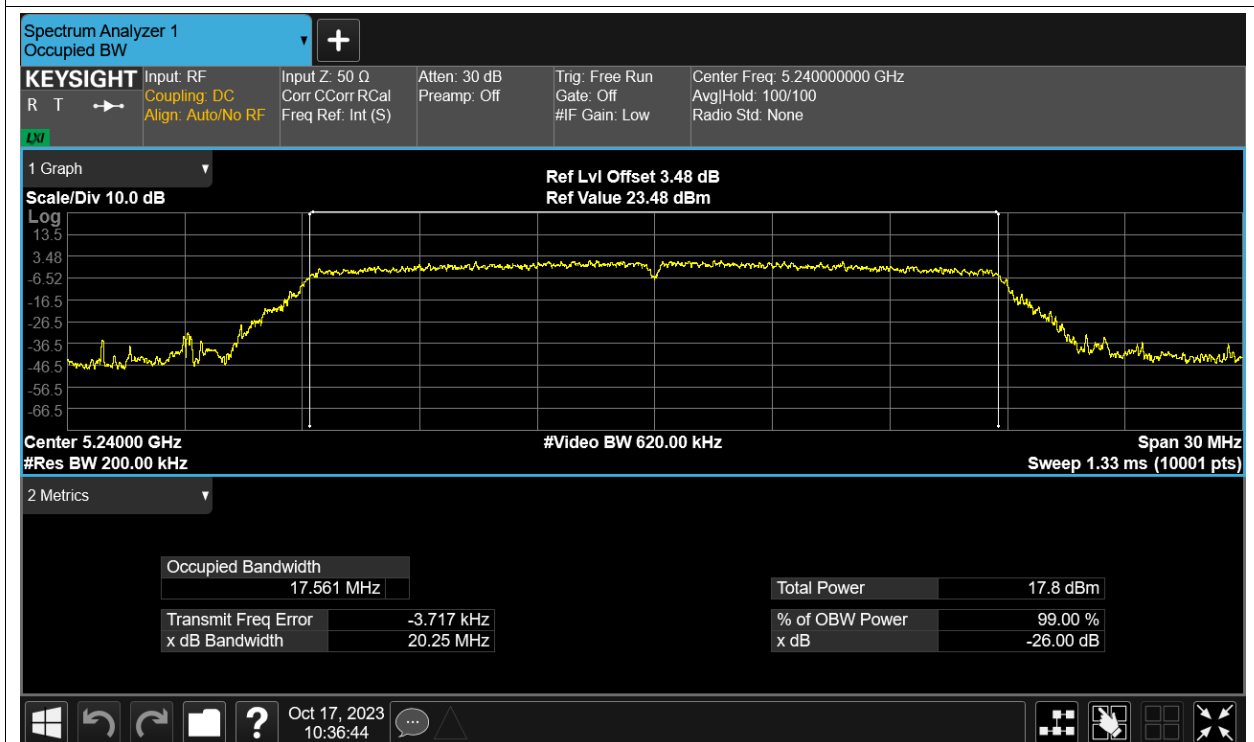
OBW NVNT n20 5180MHz Ant14



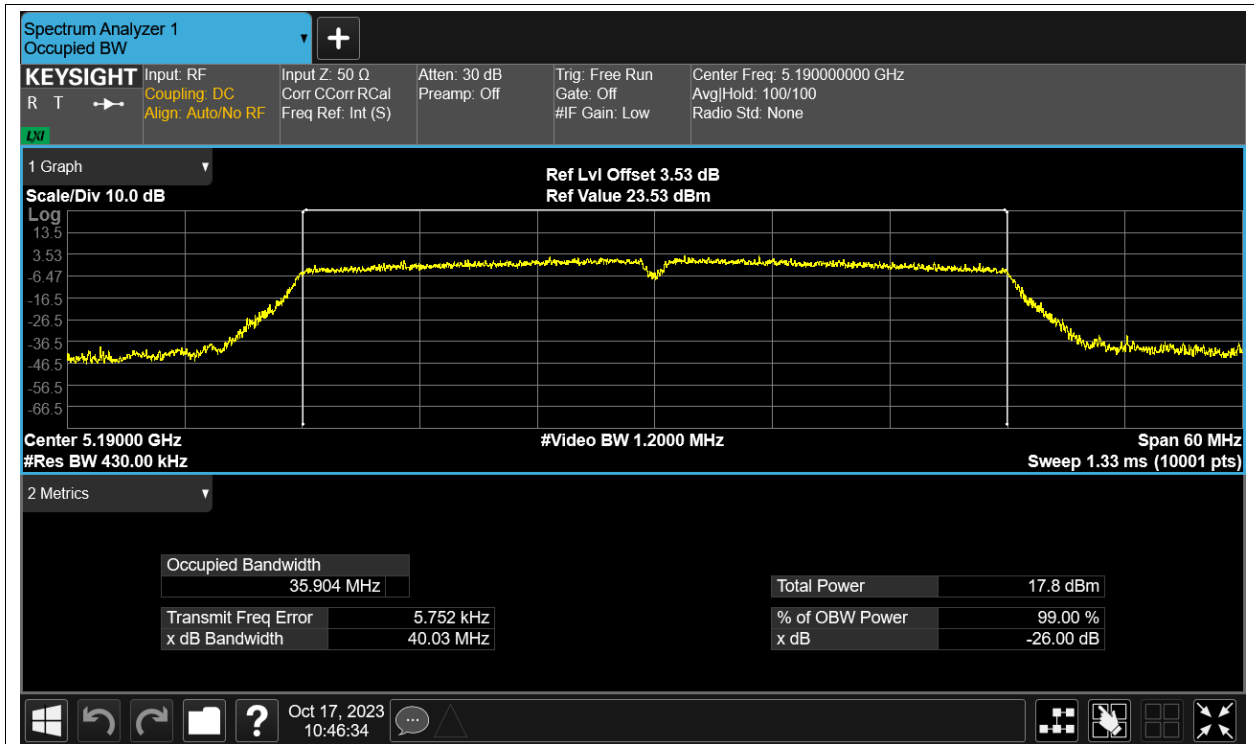
OBW NVNT n20 5200MHz Ant14



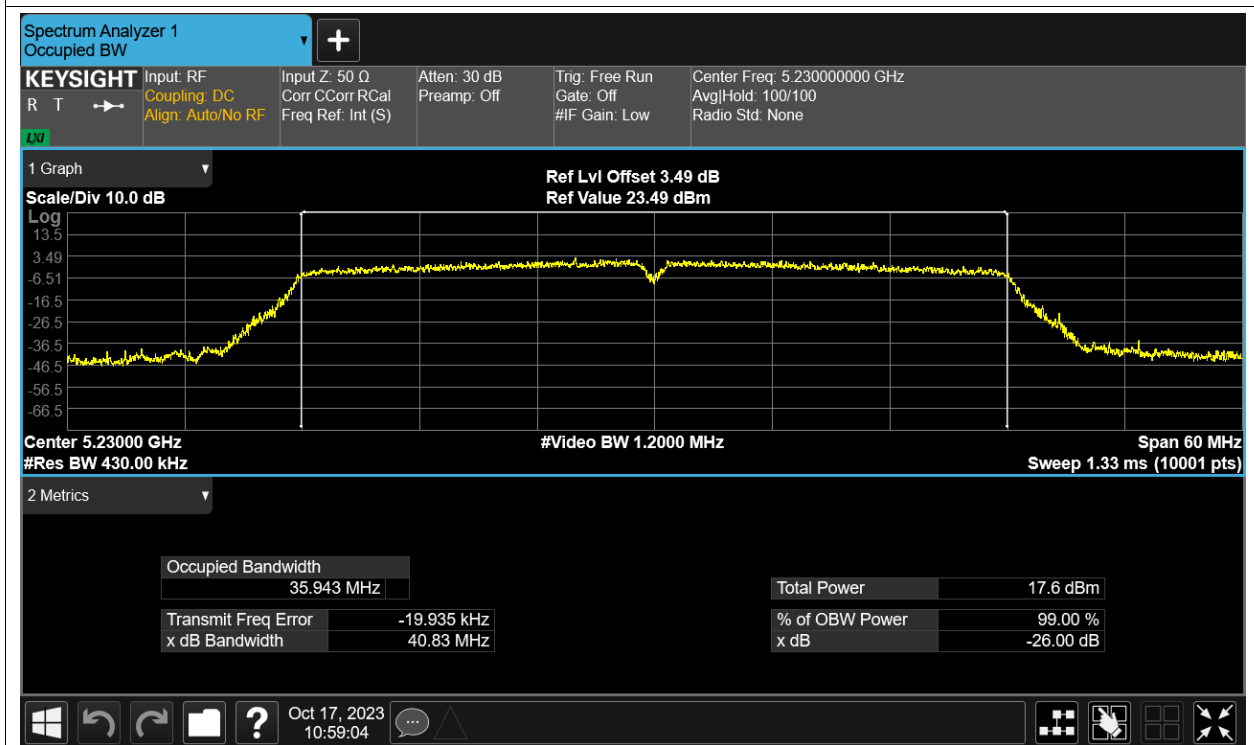
OBW NVNT n20 5240MHz Ant14



OBW NVNT n40 5190MHz Ant14



OBW NVNT n40 5230MHz Ant14

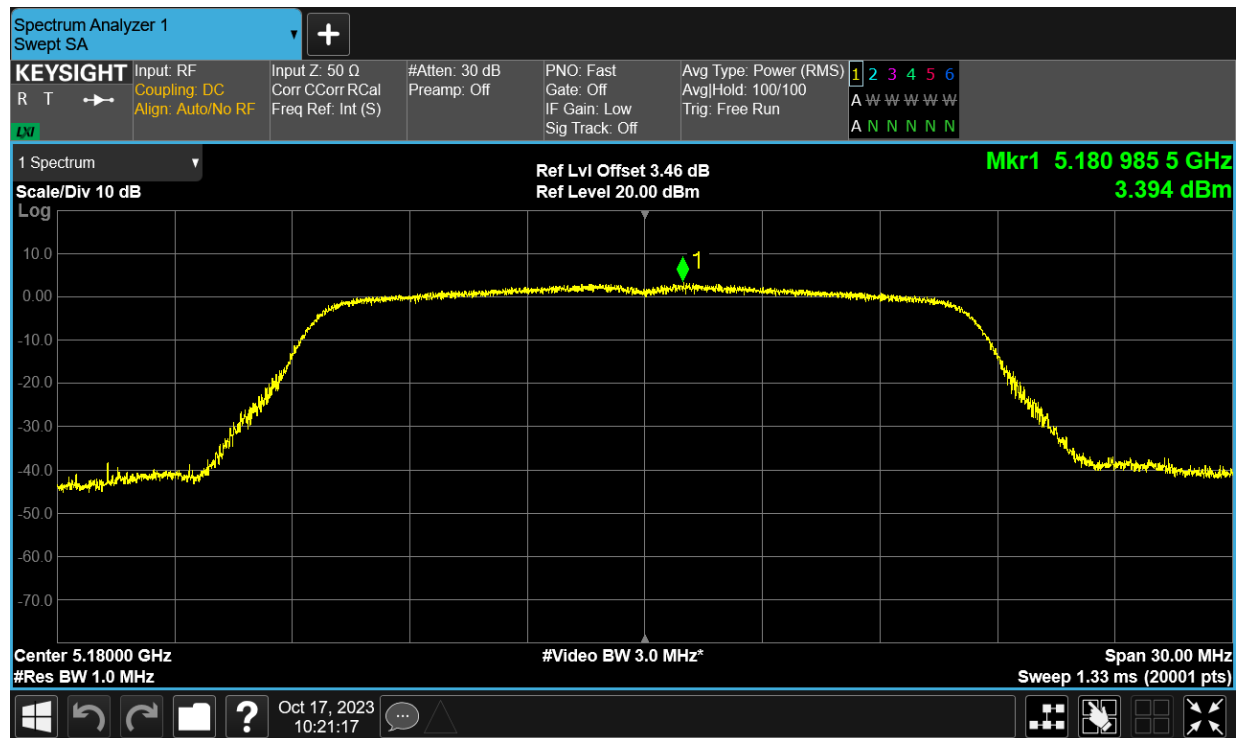


Maximum Power Spectral Density Level

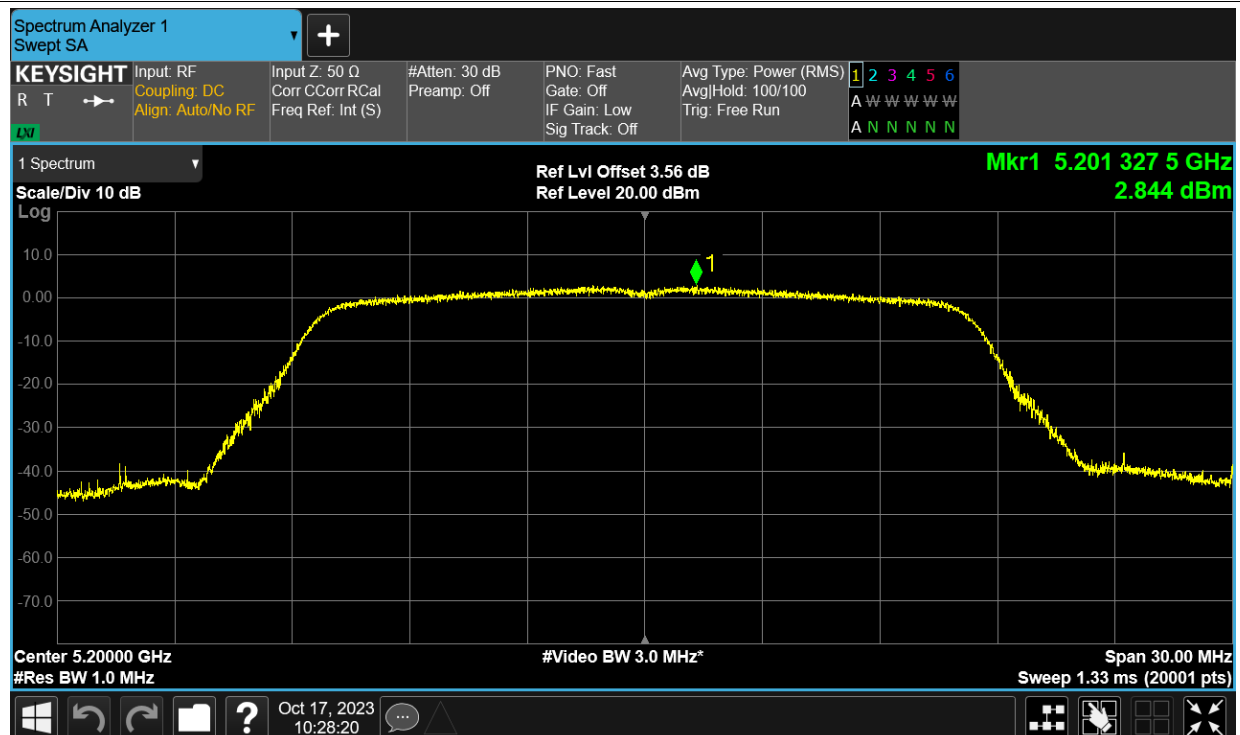
Condition	Mode	Frequency (MHz)	Antenna	Max PSD (dBm)	Limit (dBm)	Verdict
NVNT	a	5180	Ant14	3.394	11	Pass
NVNT	a	5200	Ant14	2.844	11	Pass
NVNT	a	5240	Ant14	3.106	11	Pass
NVNT	ac20	5180	Ant14	3.329	11	Pass
NVNT	ac20	5200	Ant14	2.992	11	Pass
NVNT	ac20	5240	Ant14	2.822	11	Pass
NVNT	ac40	5190	Ant14	0.243	11	Pass
NVNT	ac40	5230	Ant14	0.213	11	Pass
NVNT	ac80	5210	Ant14	-3.015	11	Pass
NVNT	n20	5180	Ant14	2.942	11	Pass
NVNT	n20	5200	Ant14	3.076	11	Pass
NVNT	n20	5240	Ant14	2.698	11	Pass
NVNT	n40	5190	Ant14	-0.462	11	Pass
NVNT	n40	5230	Ant14	-0.77	11	Pass

Test Graphs

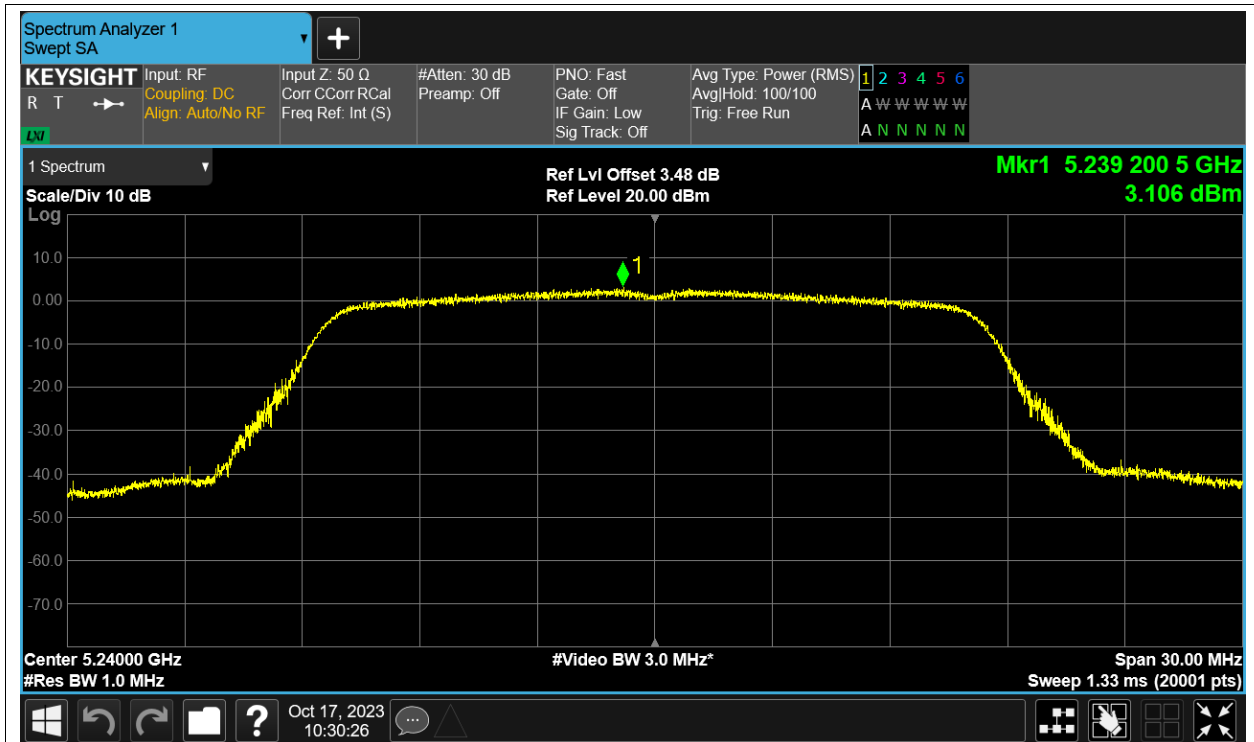
PSD NVNT a 5180MHz Ant14



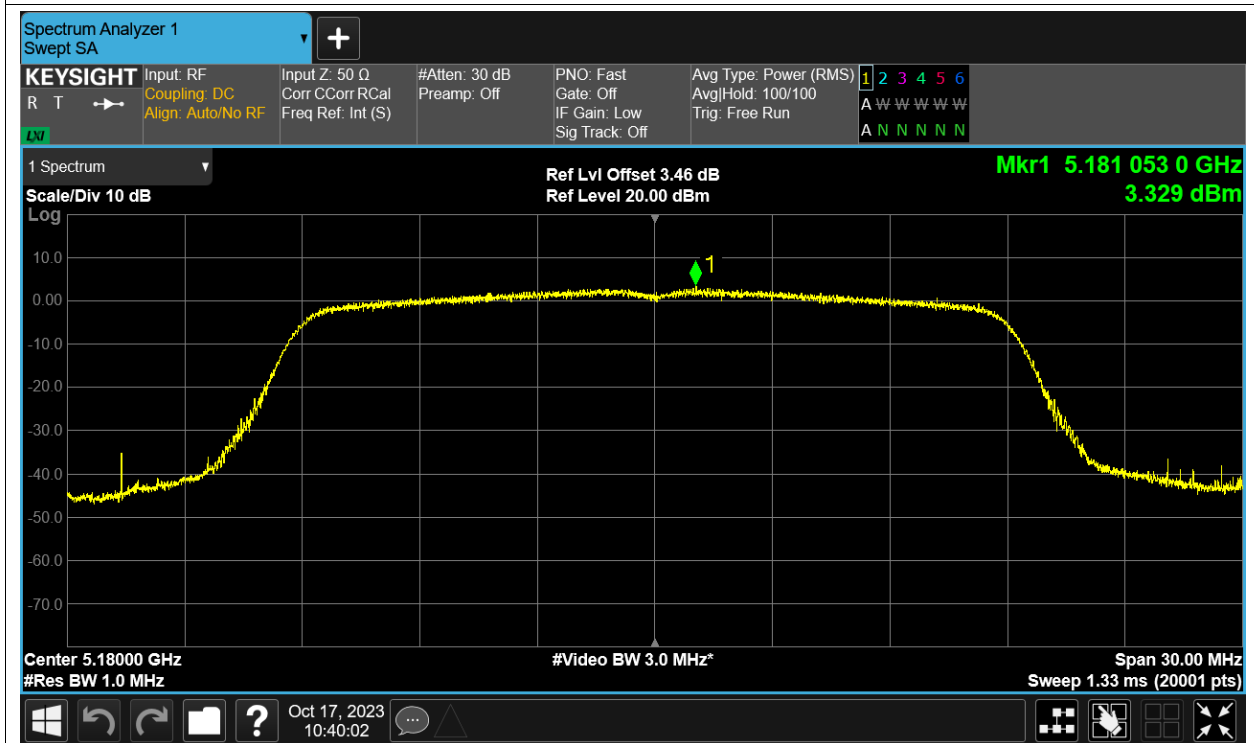
PSD NVNT a 5200MHz Ant14



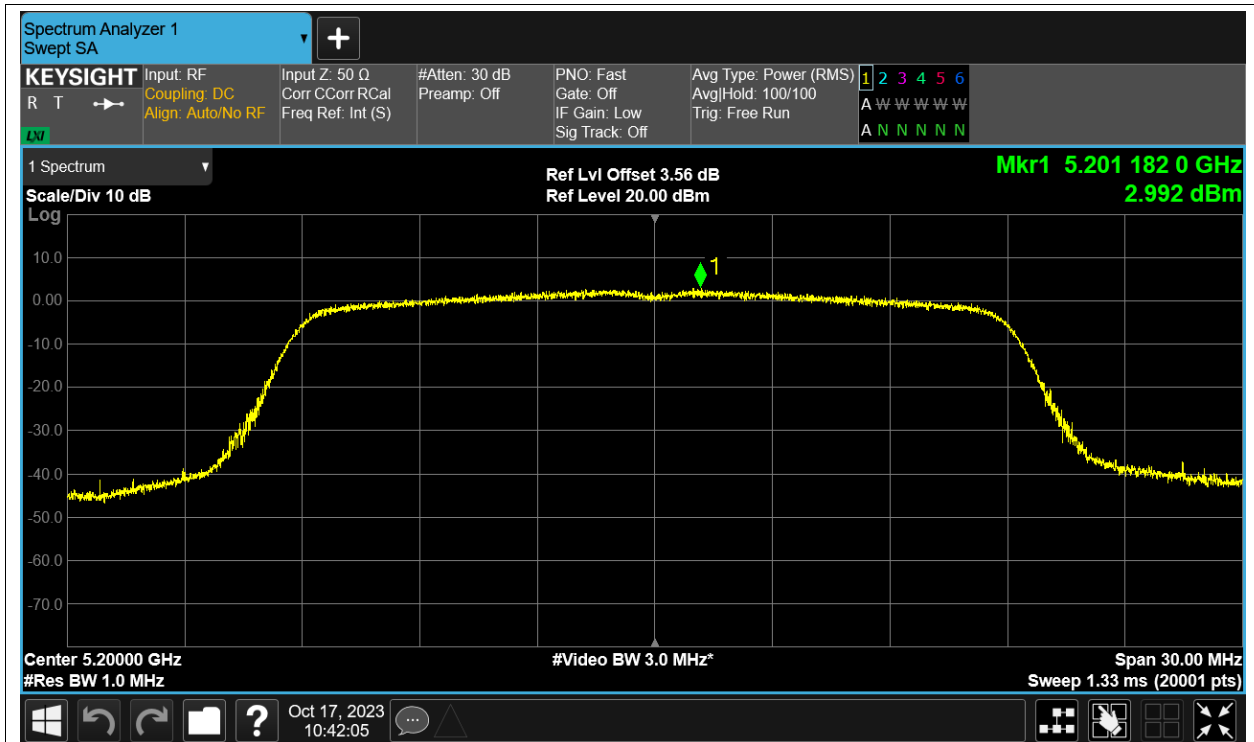
PSD NVNT a 5240MHz Ant14



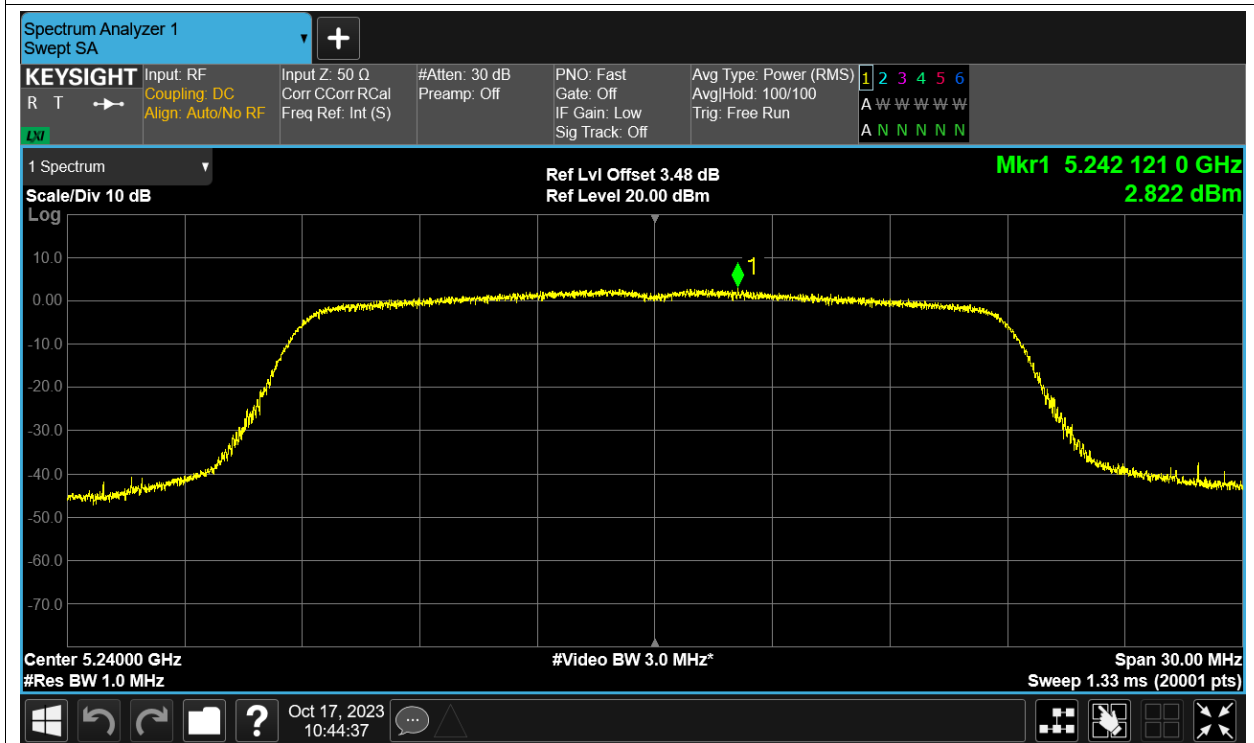
PSD NVNT ac20 5180MHz Ant14



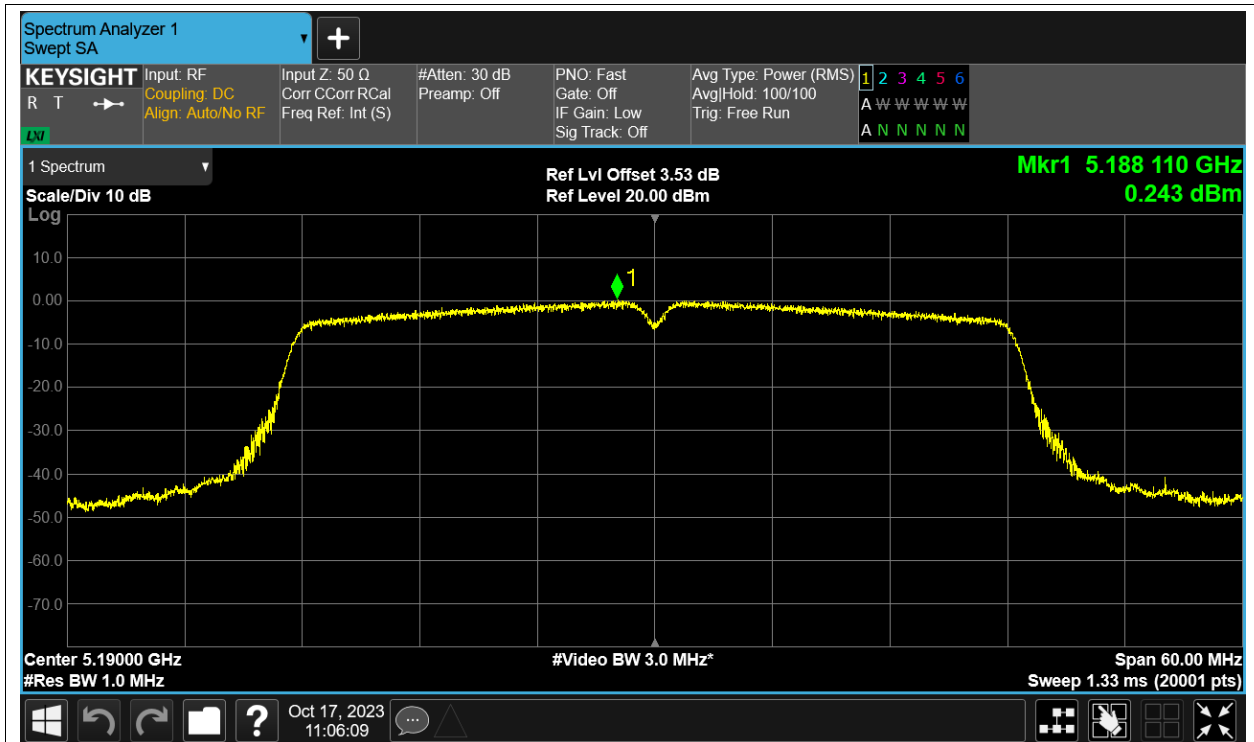
PSD NVNT ac20 5200MHz Ant14



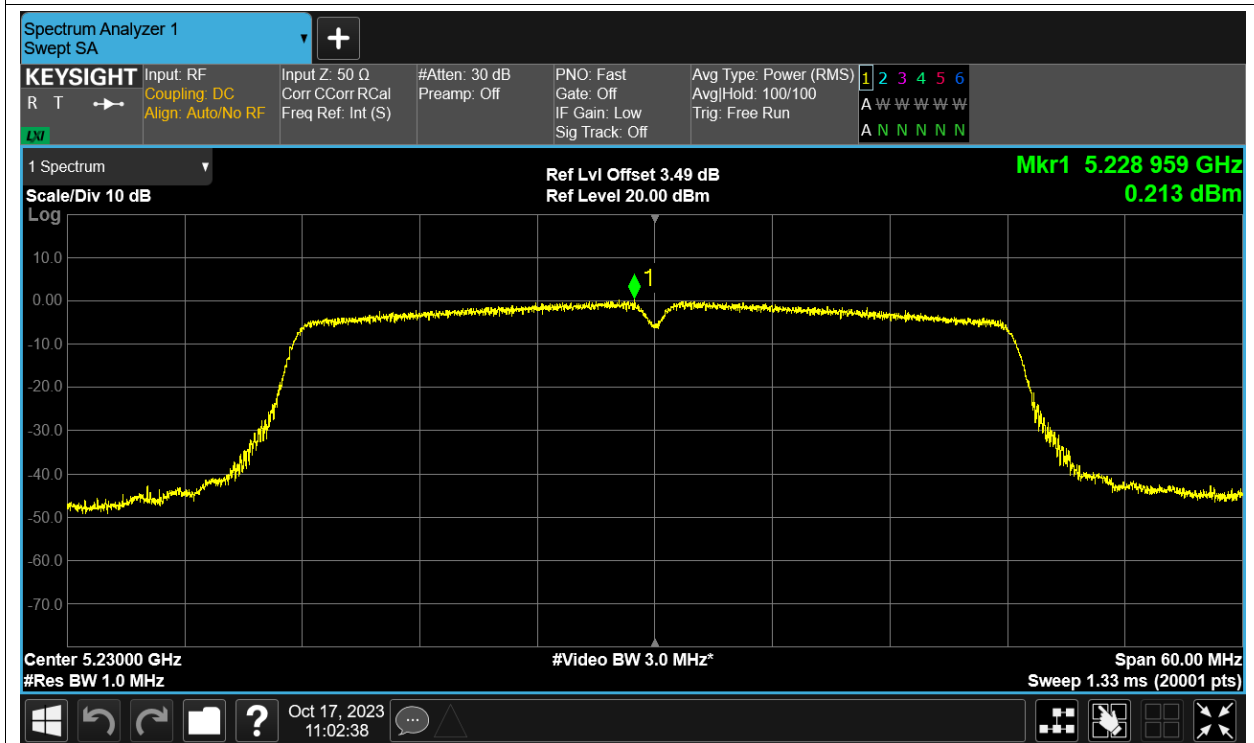
PSD NVNT ac20 5240MHz Ant14



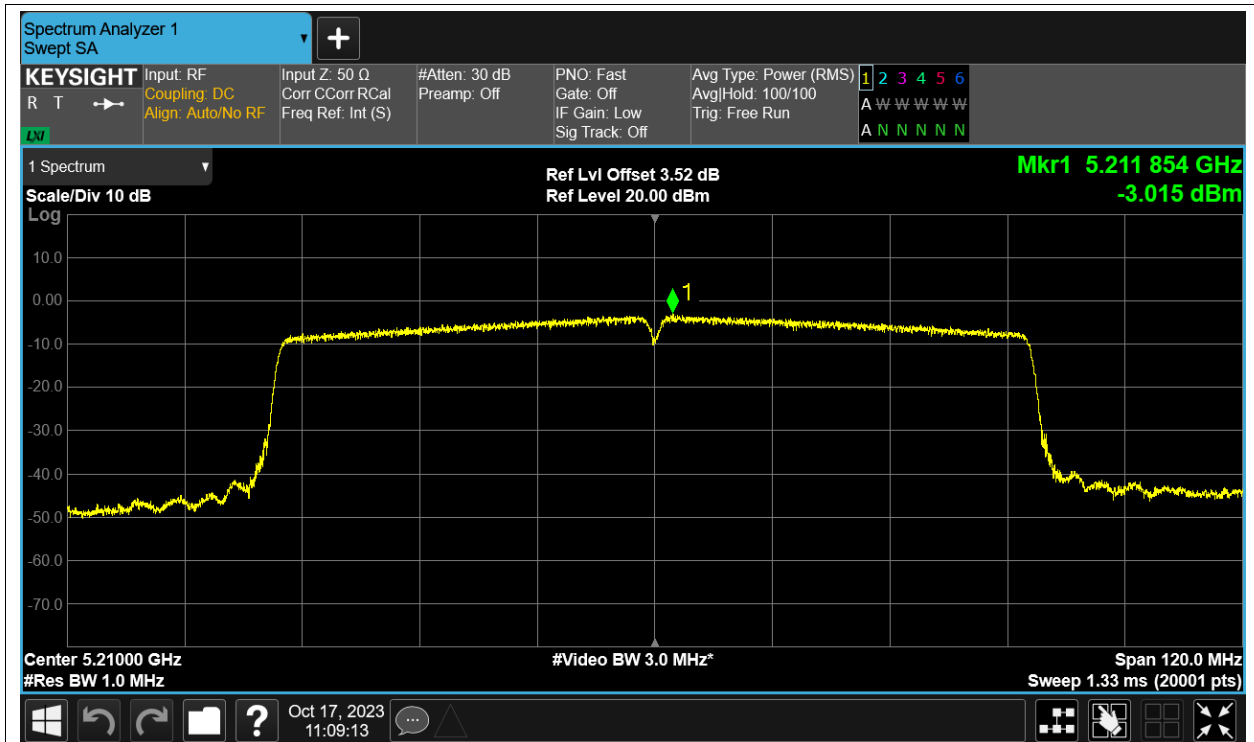
PSD NVNT ac40 5190MHz Ant14



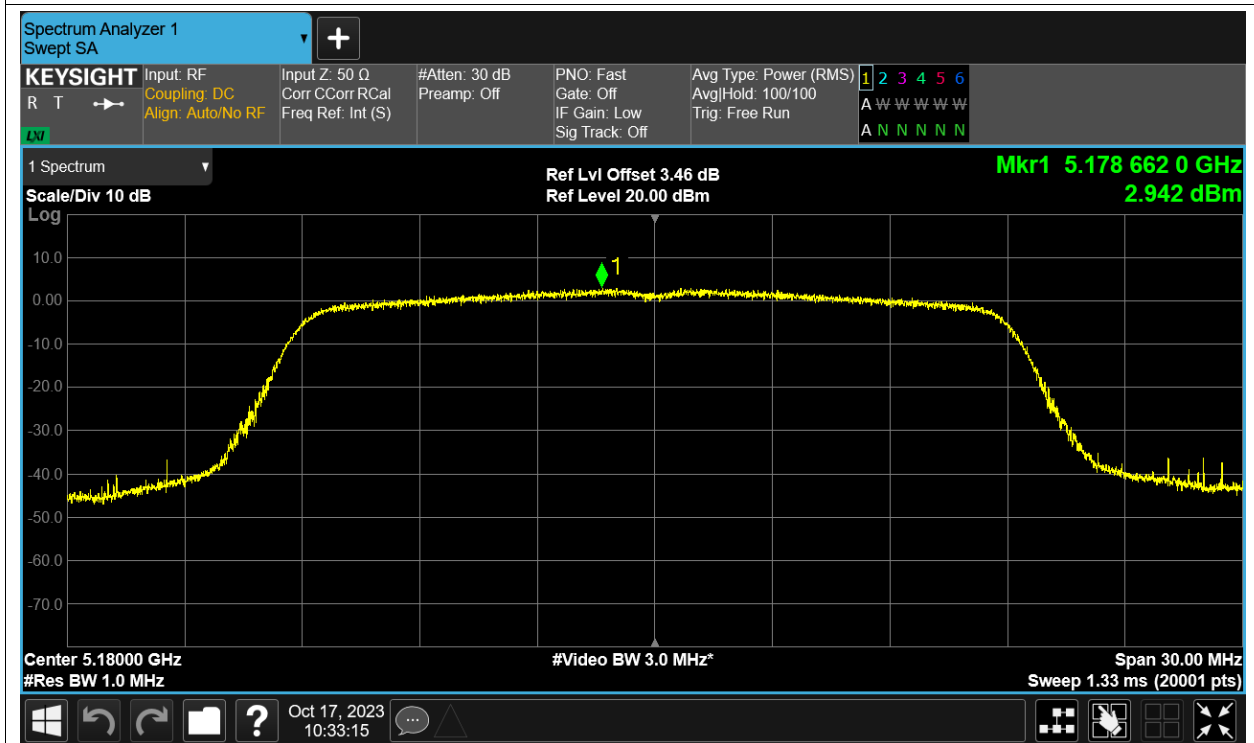
PSD NVNT ac40 5230MHz Ant14



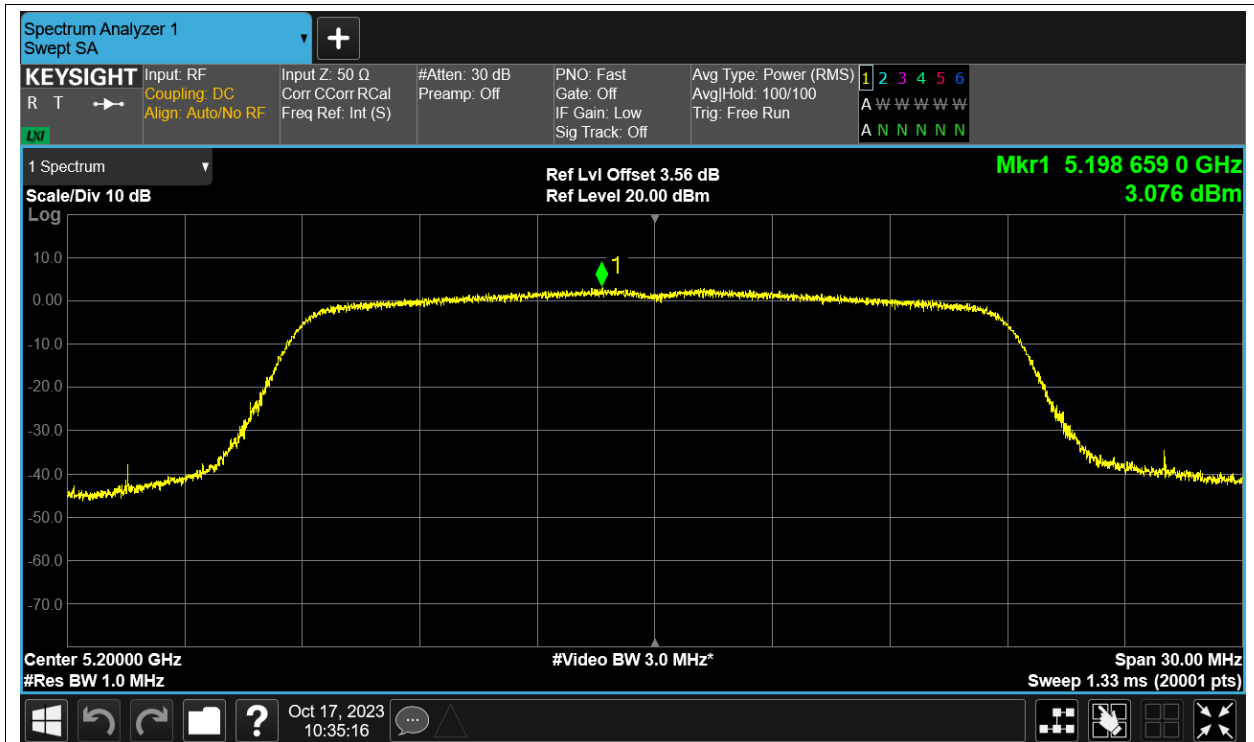
PSD NVNT ac80 5210MHz Ant14



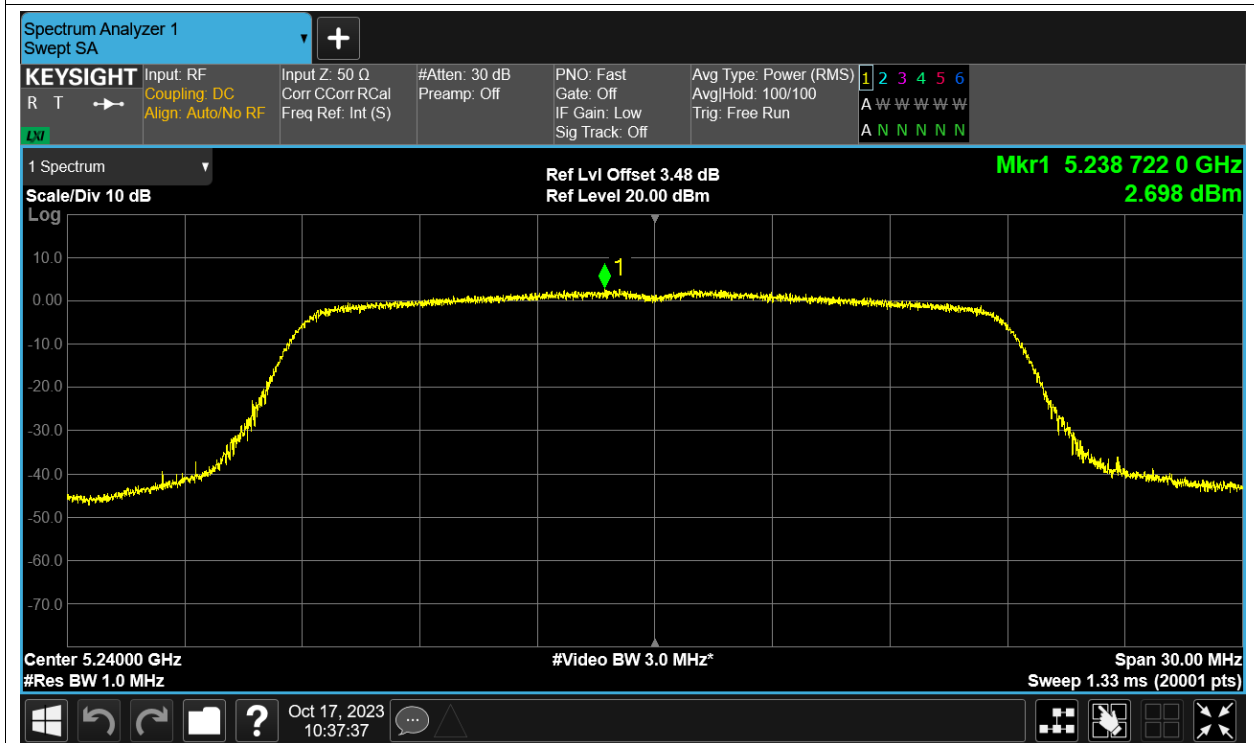
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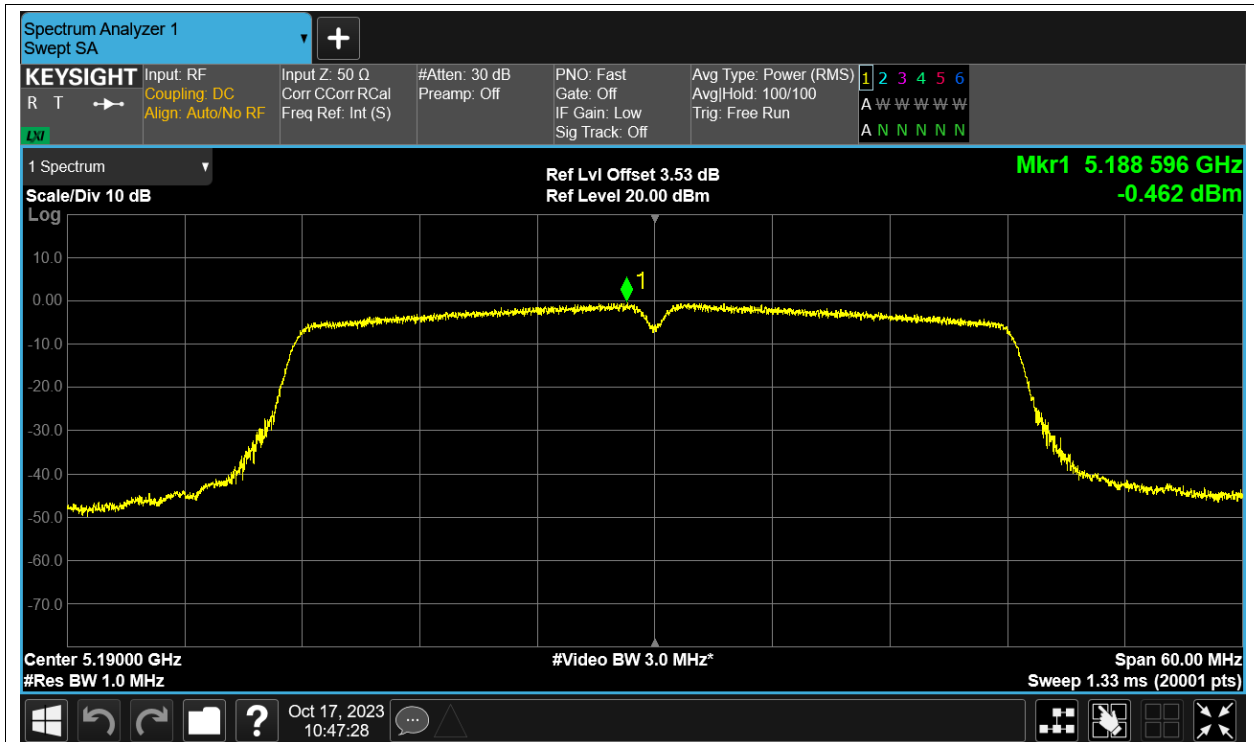
PSD NVNT n20 5200MHz Ant14



PSD NVNT n20 5240MHz Ant14



PSD NVNT n40 5190MHz Ant14



PSD NVNT n40 5230MHz Ant14

