

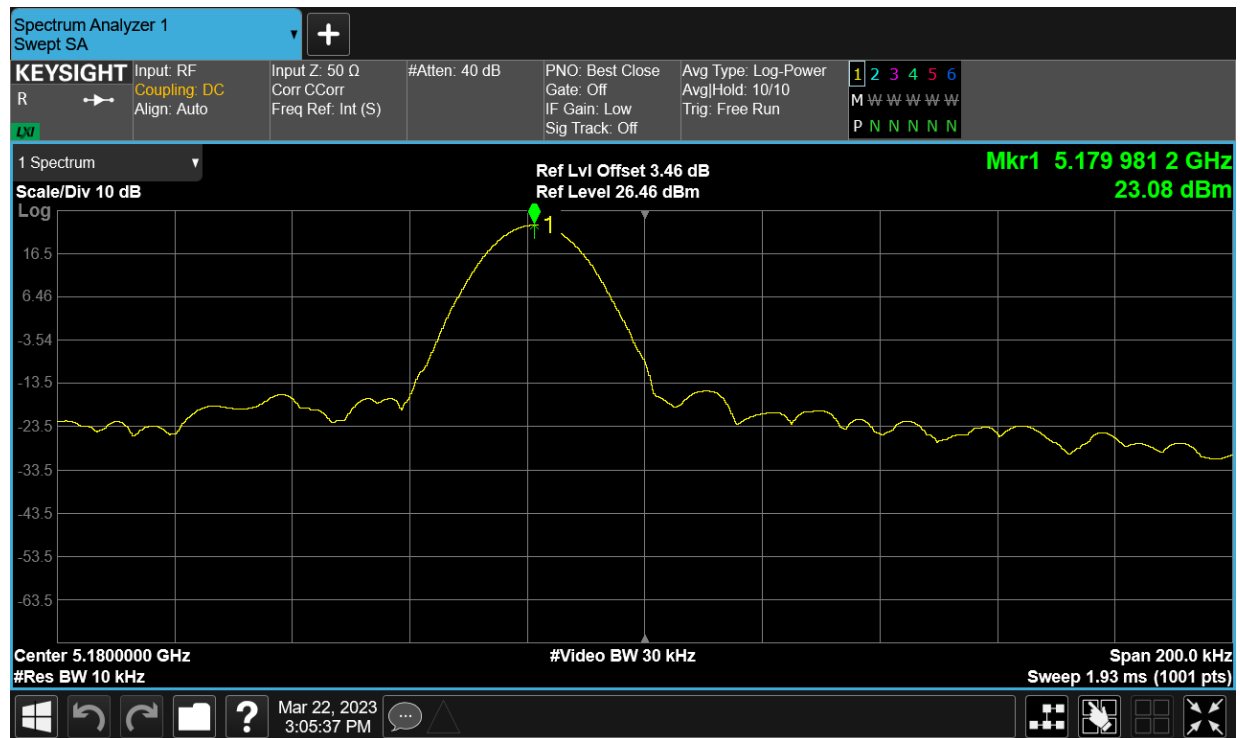
Test Data

Frequency Stability

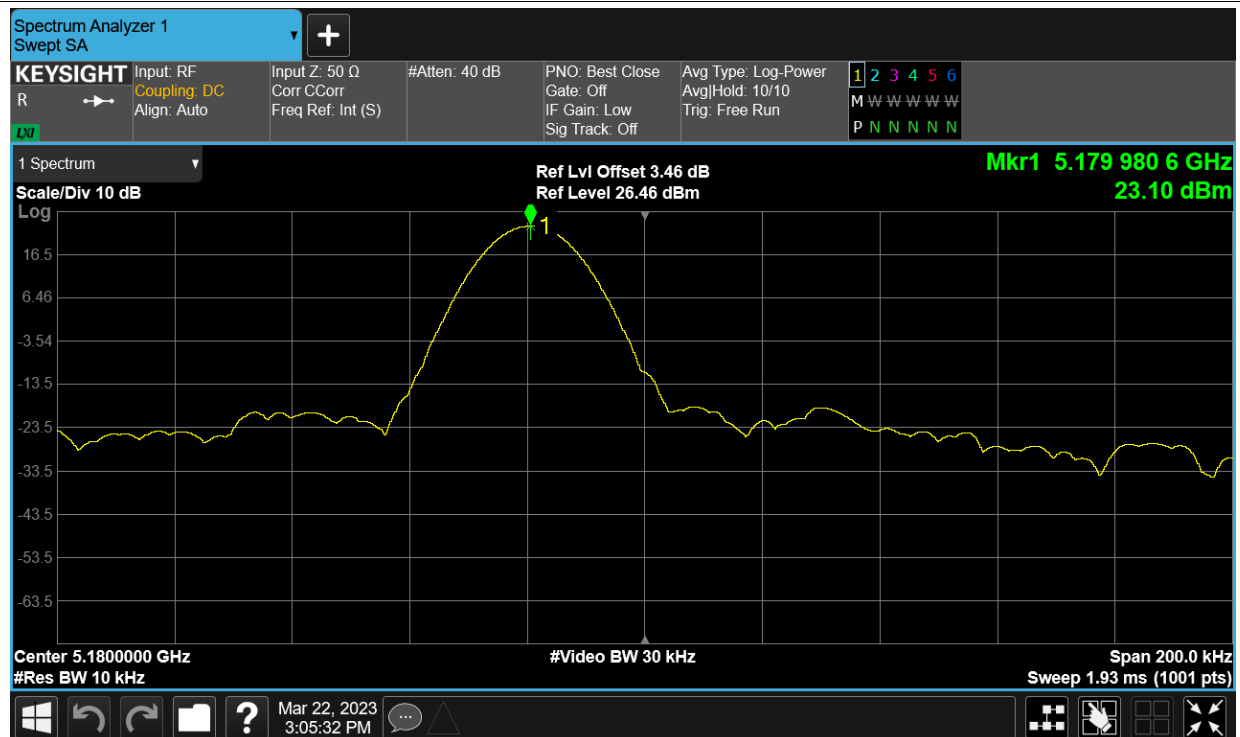
Condition	Mode	Frequency (MHz)	Antenna	Measured Frequency (MHz)	Deviation (ppm)	Limit (ppm)	Verdict
HVNT	a	5180	Ant1	5179.9812	-3.63	25	Pass
LVNT	a	5180	Ant1	5179.9806	-3.75	25	Pass
NVHT	a	5180	Ant1	5179.9798	-3.9	25	Pass
NVLT	a	5180	Ant1	5179.979	-4.05	25	Pass
NVNT	a	5180	Ant1	5179.9784	-4.17	25	Pass
HVNT	ac80	5210	Ant1	5209.9826	-3.34	25	Pass
LVNT	ac80	5210	Ant1	5209.9816	-3.53	25	Pass
NVHT	ac80	5210	Ant1	5209.9806	-3.72	25	Pass
NVLT	ac80	5210	Ant1	5209.9794	-3.95	25	Pass
NVNT	ac80	5210	Ant1	5209.978364905	-4.15	25	Pass
HVNT	n40	5190	Ant1	5189.9802	-3.82	25	Pass
LVNT	n40	5190	Ant1	5189.9796	-3.93	25	Pass
NVHT	n40	5190	Ant1	5189.9788	-4.08	25	Pass
NVLT	n40	5190	Ant1	5189.9784	-4.16	25	Pass
NVNT	n40	5190	Ant1	5189.978	-4.24	25	Pass

Test Graphs

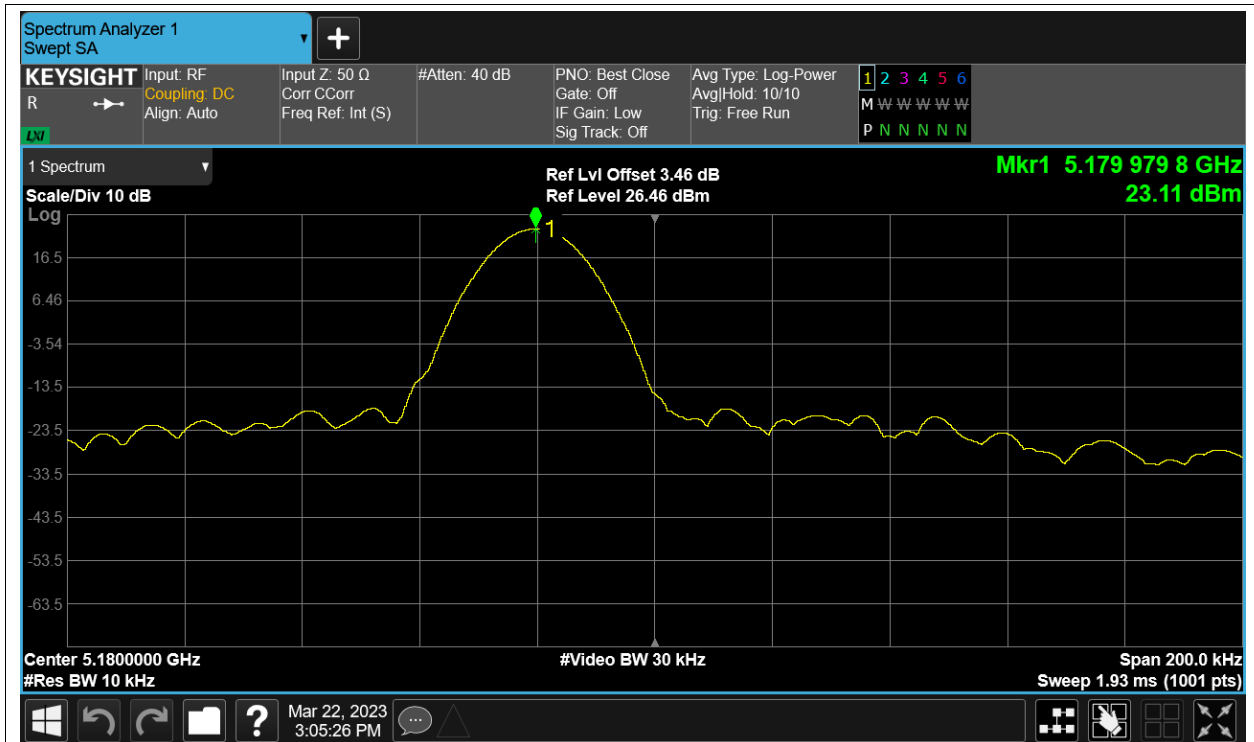
Freq. Stability HVNT a 5180MHz Ant1



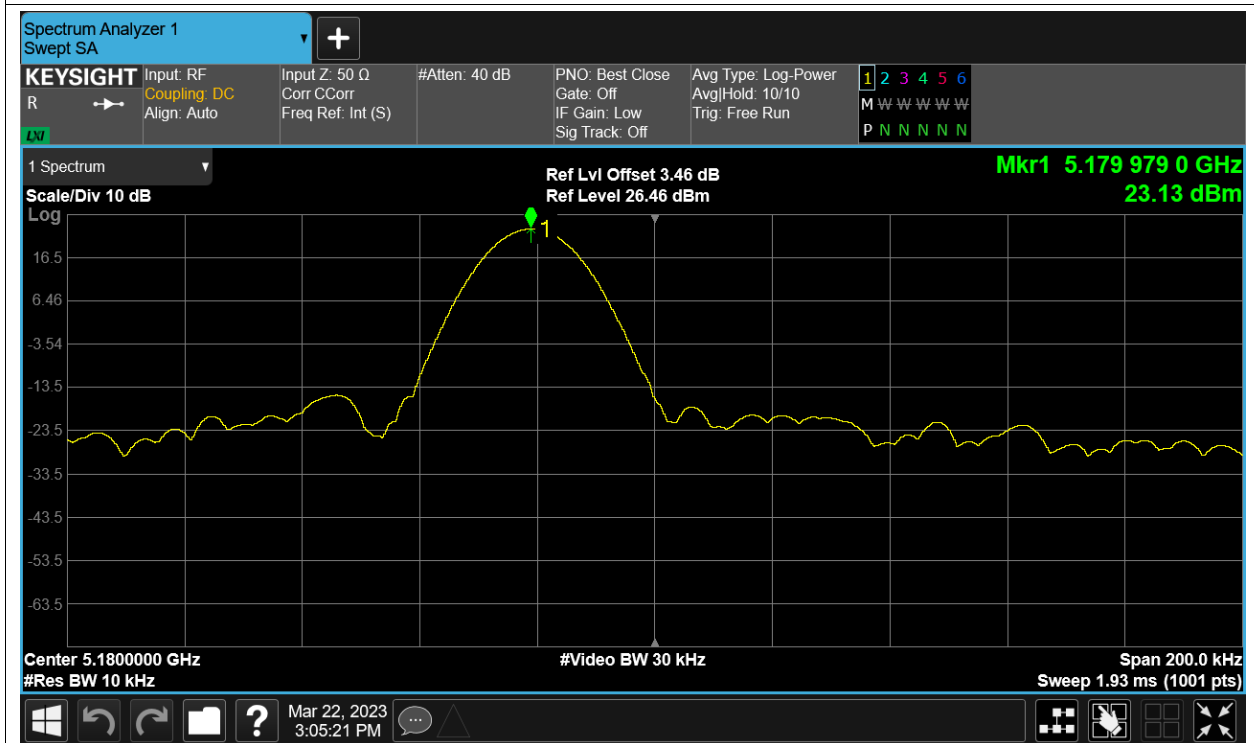
Freq. Stability LVNT a 5180MHz Ant1



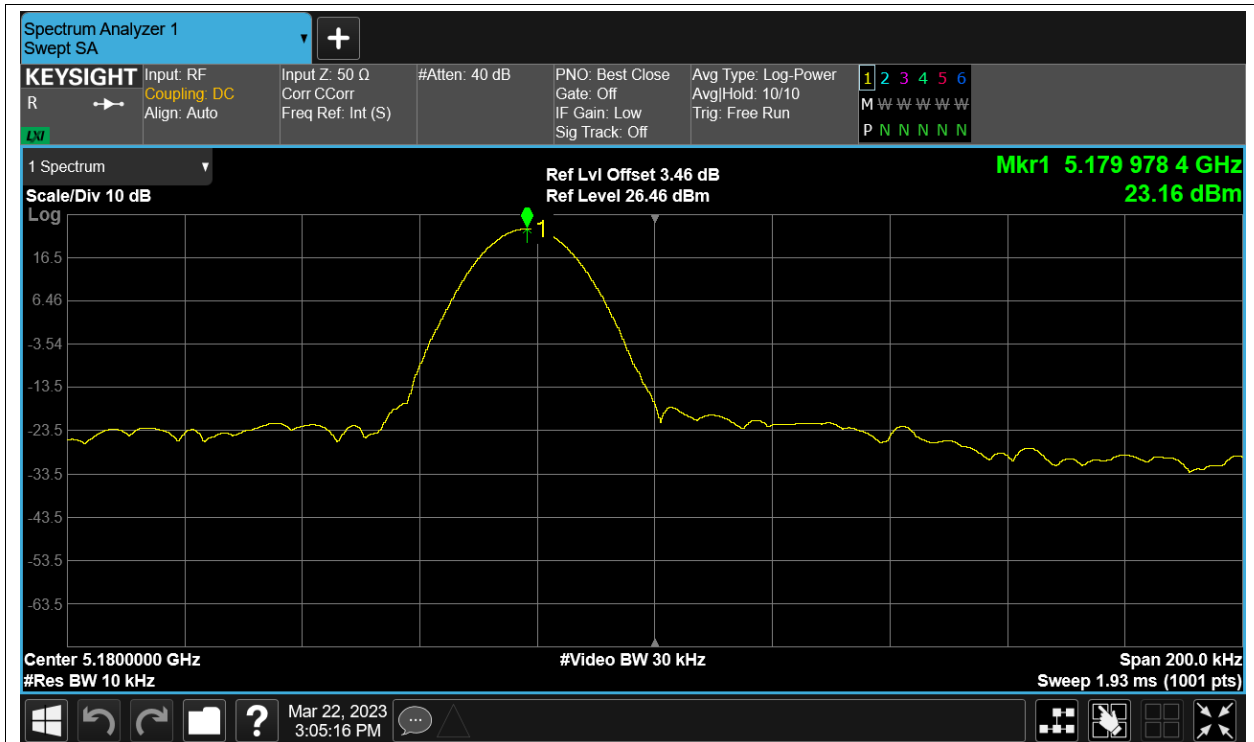
Freq. Stability NVHT a 5180MHz Ant1



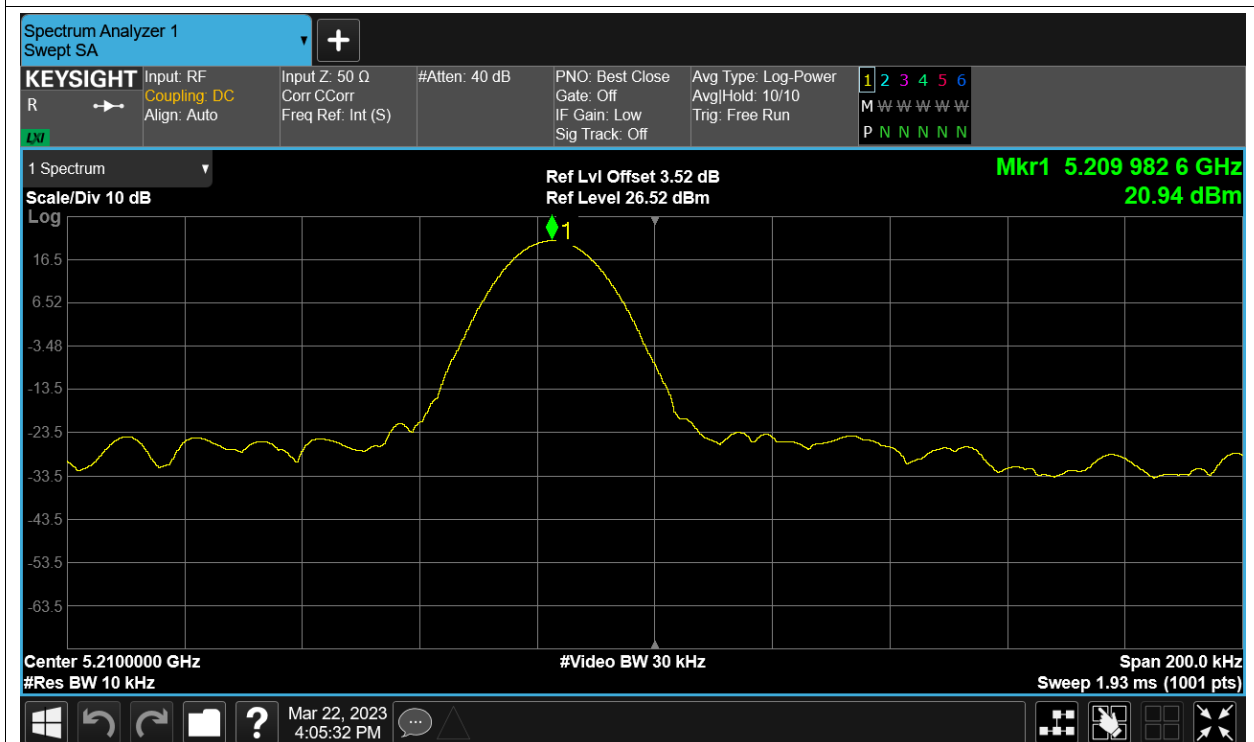
Freq. Stability NVLT a 5180MHz Ant1



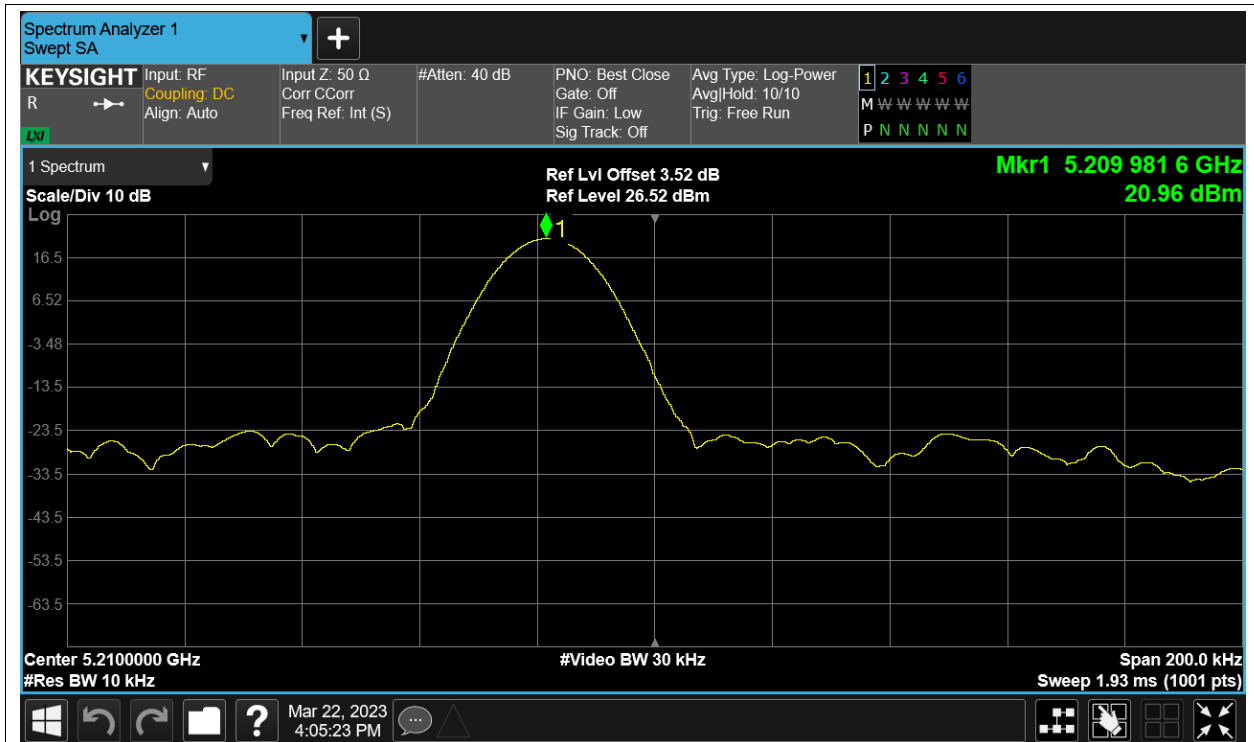
Freq. Stability NVNT a 5180MHz Ant1



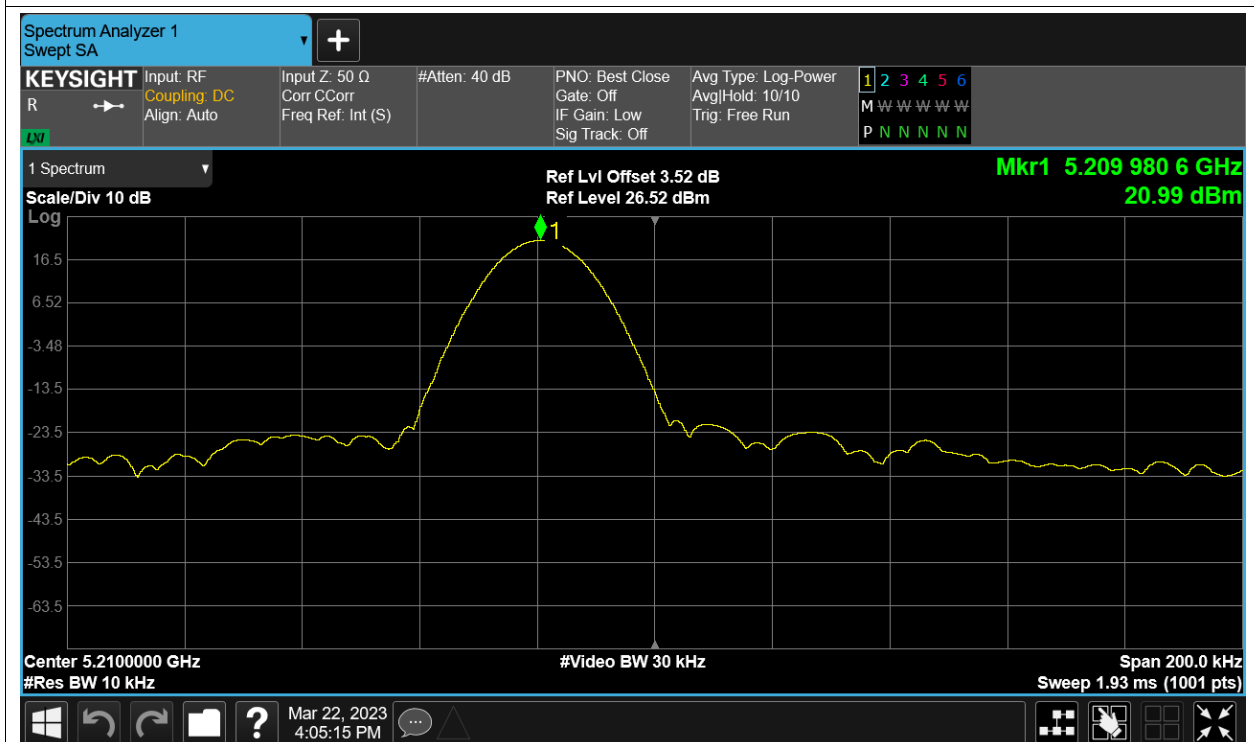
Freq. Stability HVNT ac80 5210MHz Ant1



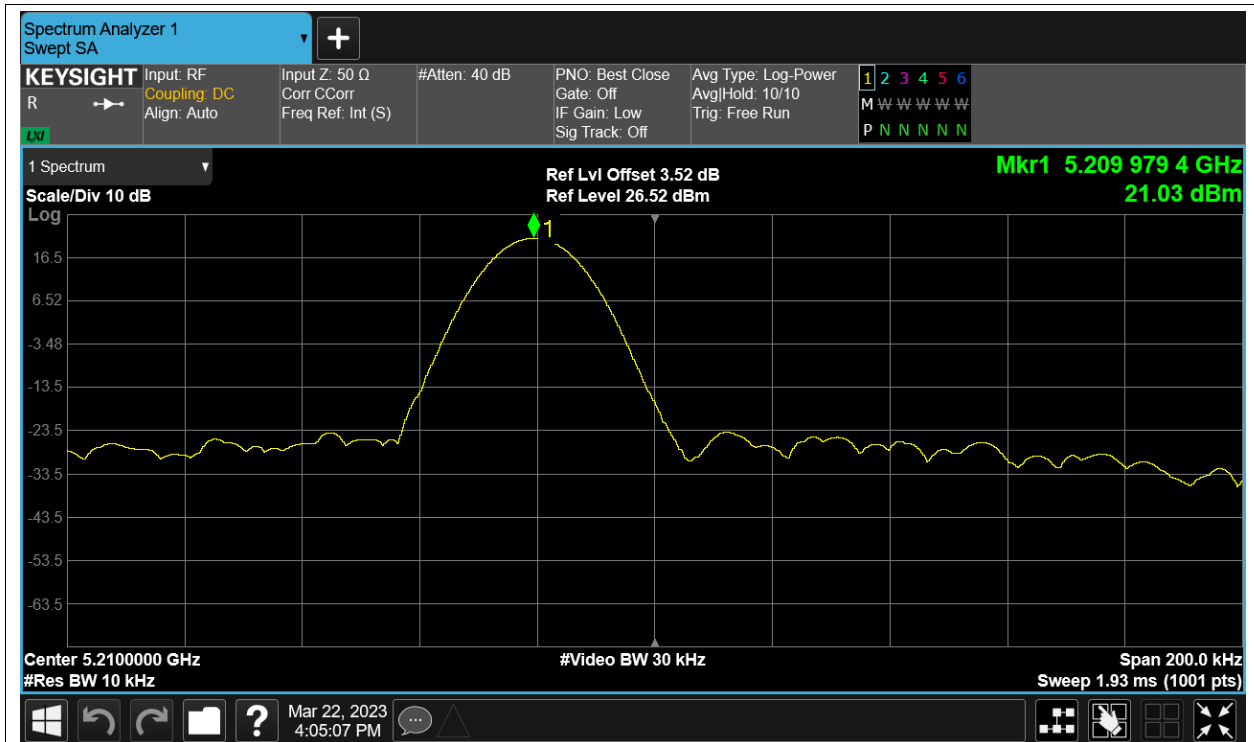
Freq. Stability LVNT ac80 5210MHz Ant1



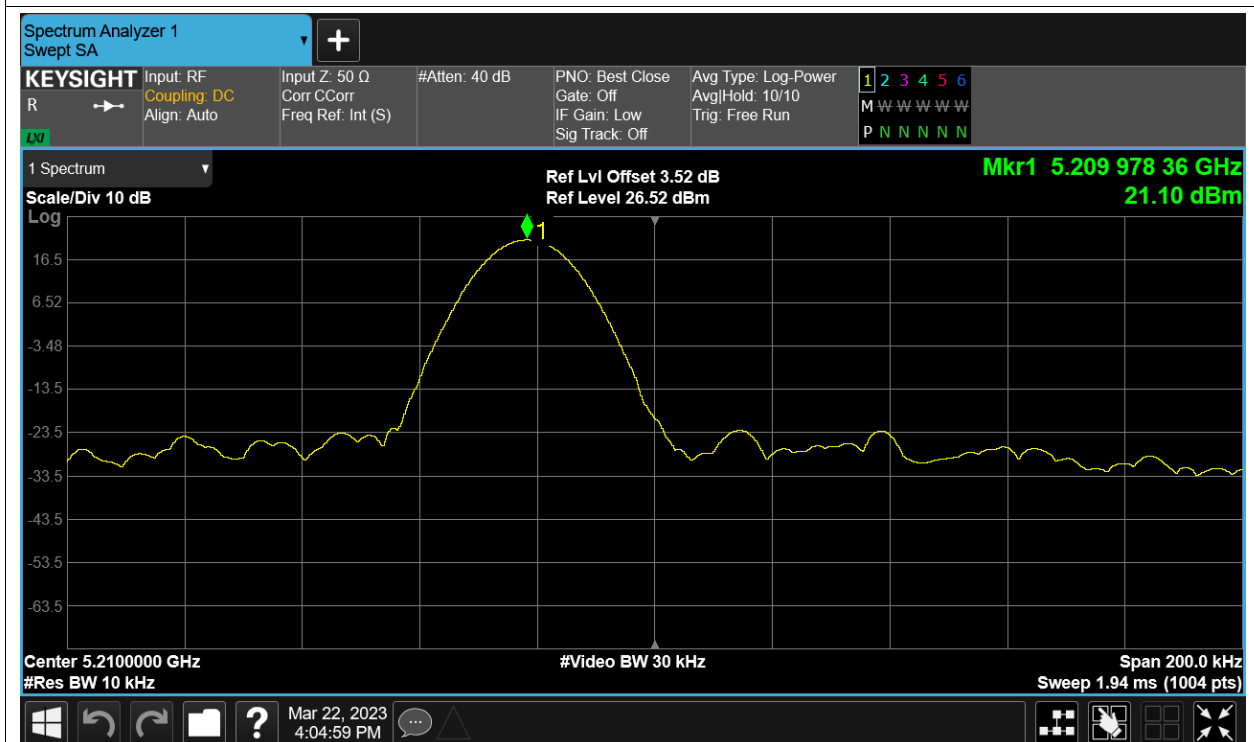
Freq. Stability NVHT ac80 5210MHz Ant1



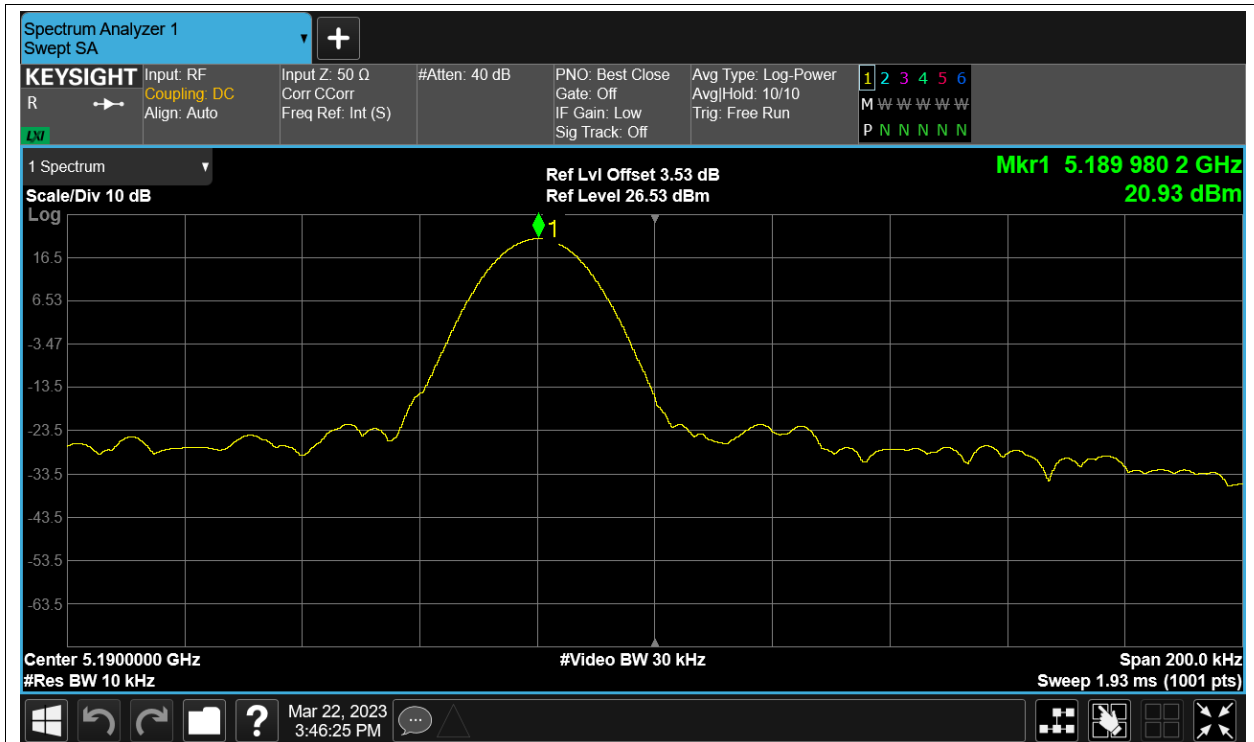
Freq. Stability NVLT ac80 5210MHz Ant1



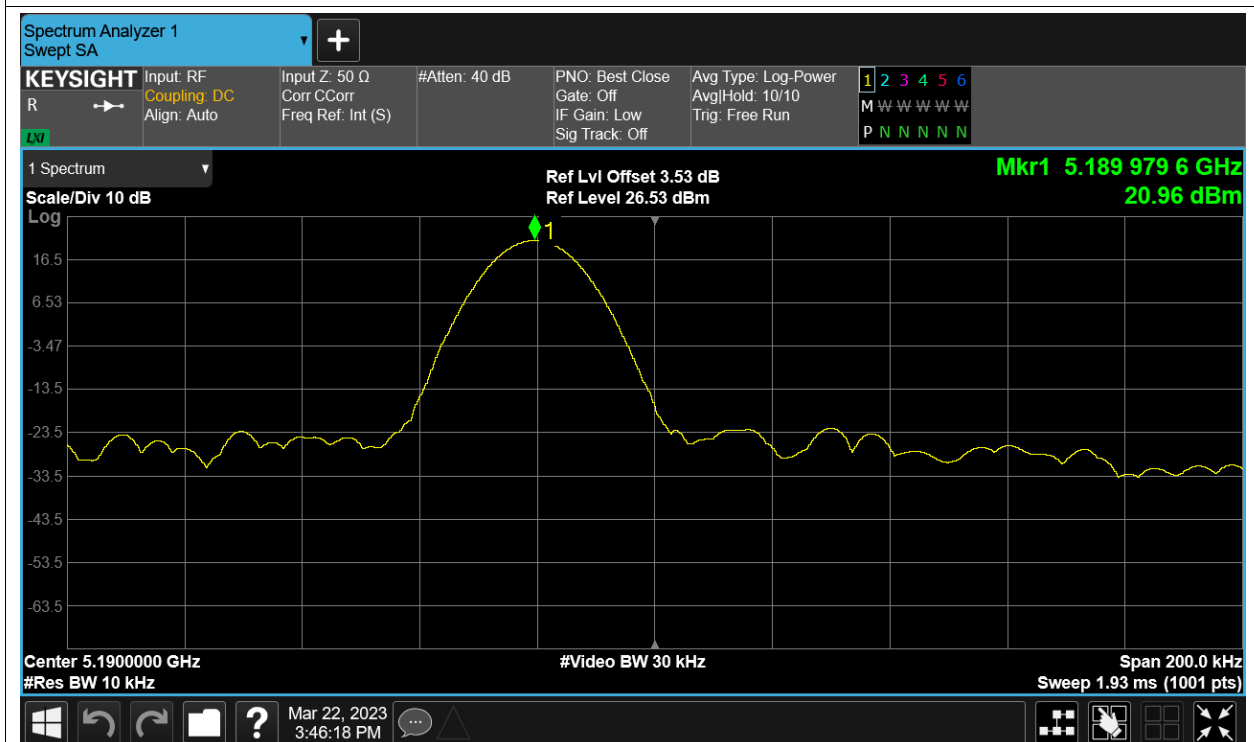
Freq. Stability NVNT ac80 5210MHz Ant1



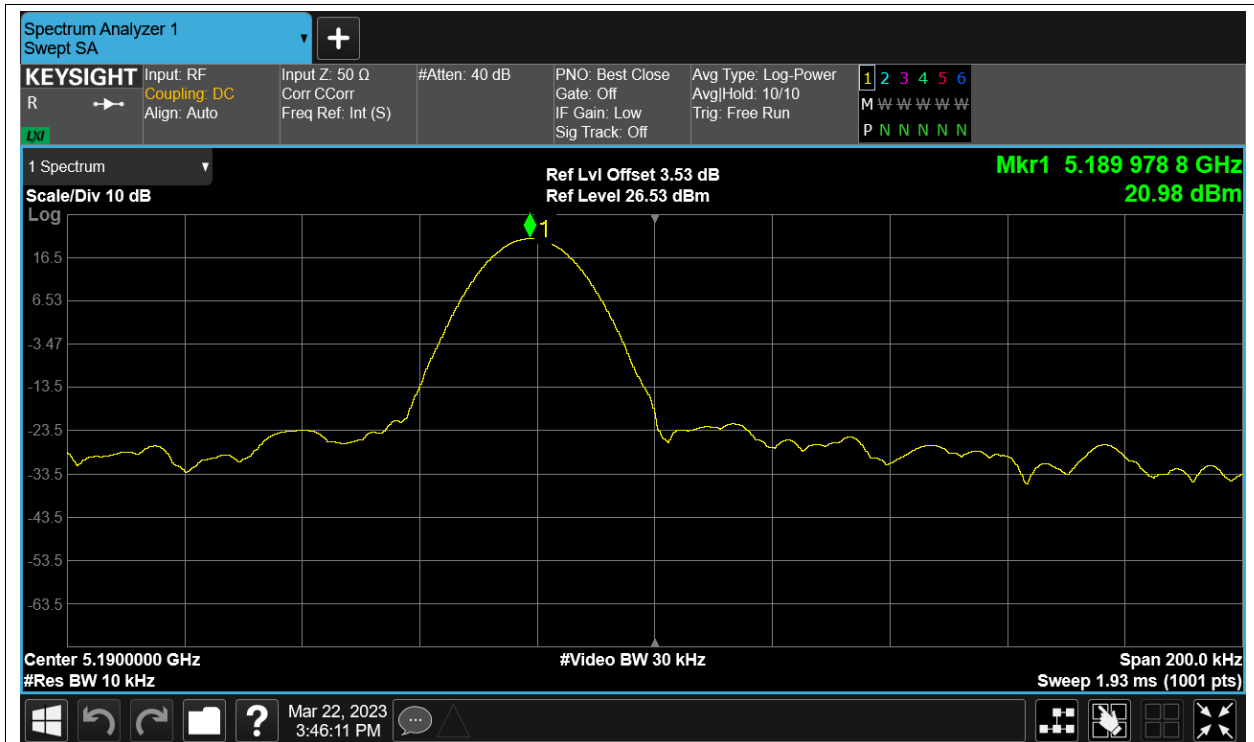
Freq. Stability HVNT n40 5190MHz Ant1



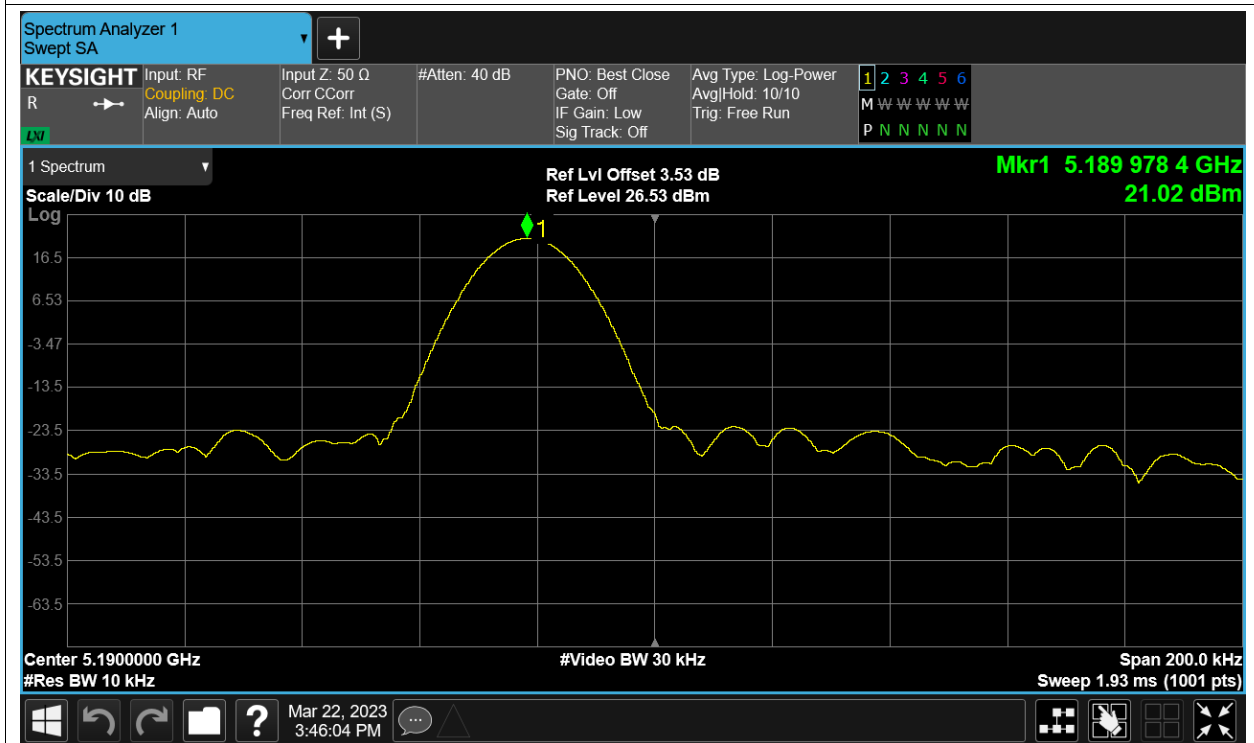
Freq. Stability LVNT n40 5190MHz Ant1



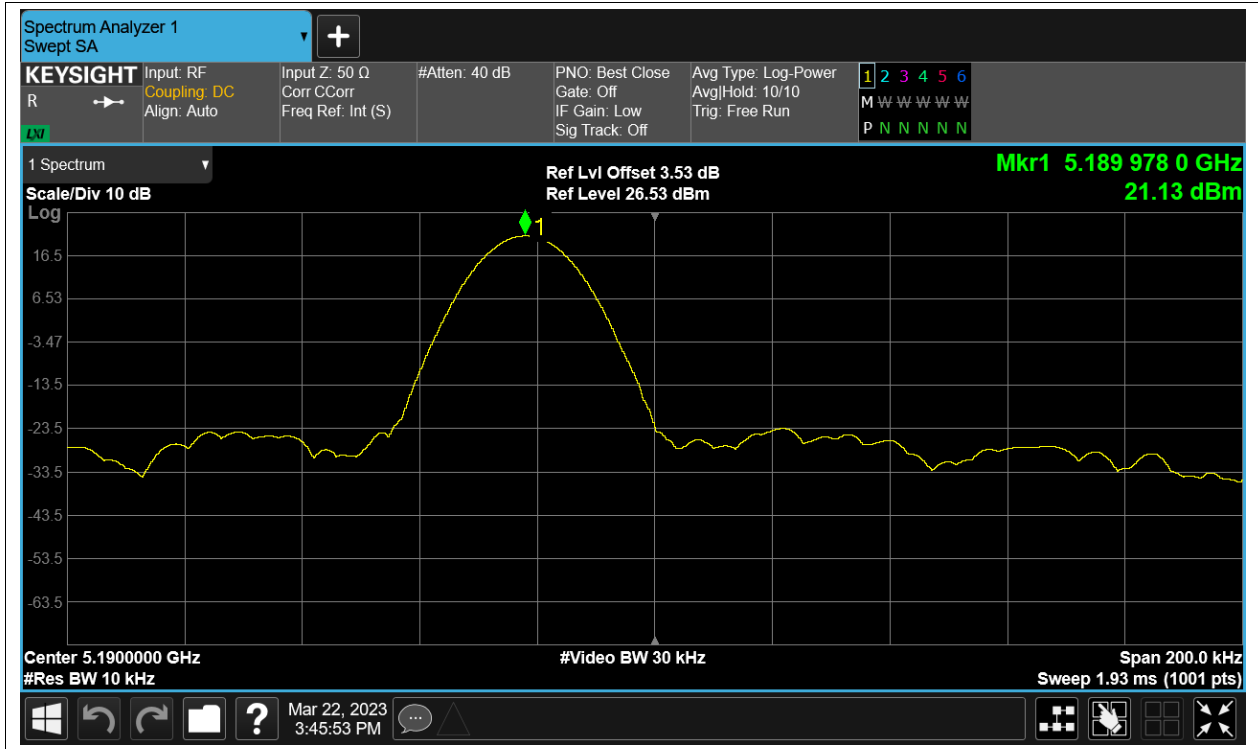
Freq. Stability NVHT n40 5190MHz Ant1



Freq. Stability NVLT n40 5190MHz Ant1



Freq. Stability NVNT n40 5190MHz Ant1

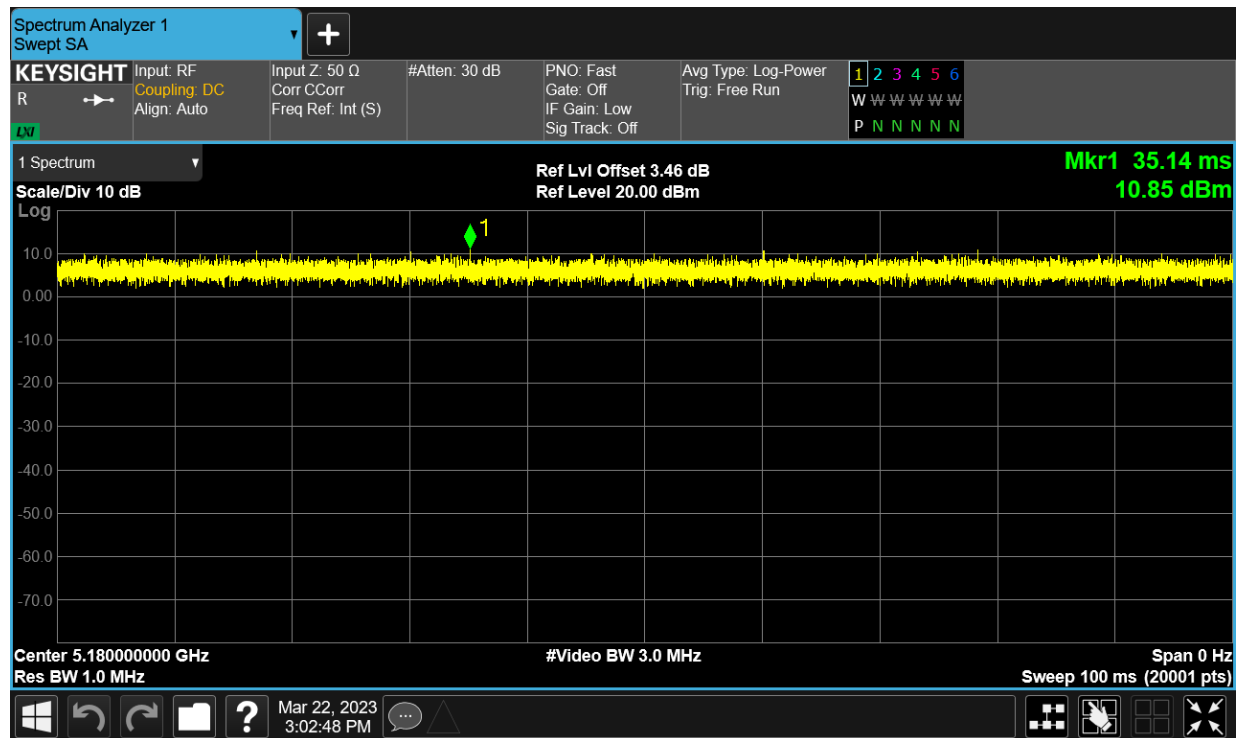


Duty Cycle

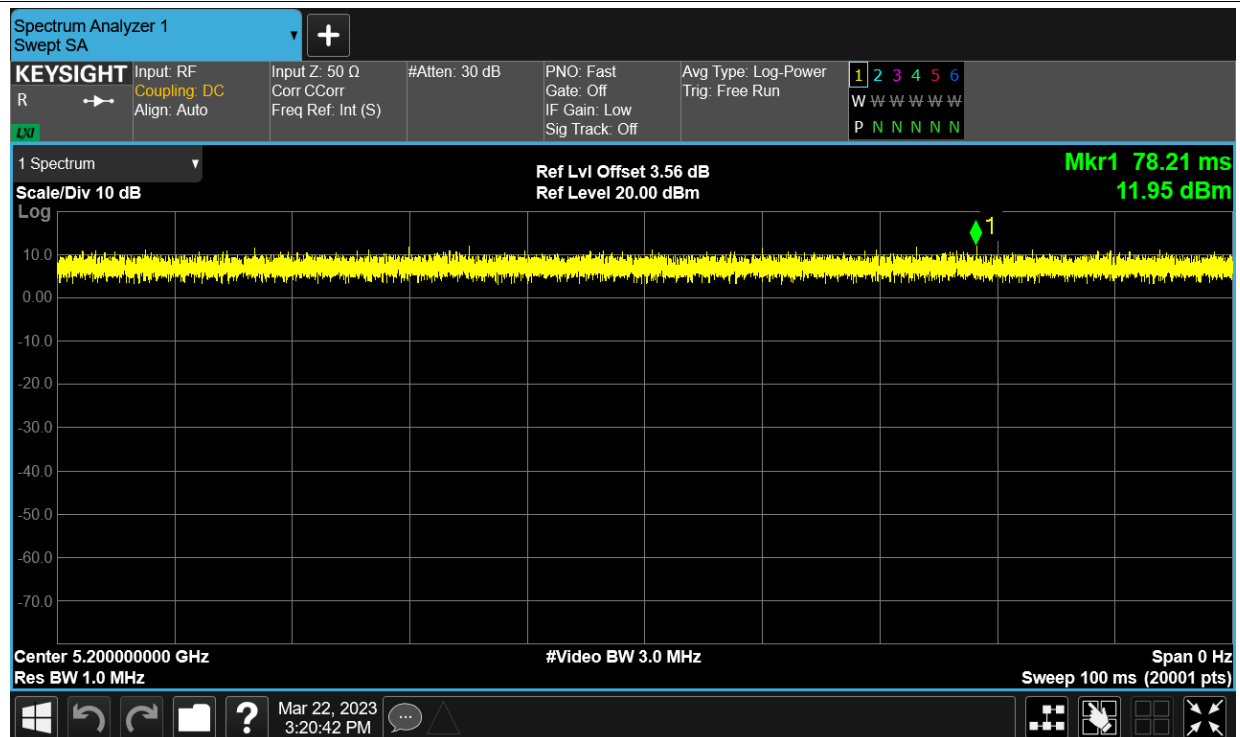
Condition	Mode	Frequency (MHz)	Antenna	Duty Cycle (%)	Correction Factor (dB)
NVNT	a	5180	Ant1	100	0
NVNT	a	5200	Ant1	100	0
NVNT	a	5240	Ant1	100	0
NVNT	ac20	5180	Ant1	100	0
NVNT	ac20	5200	Ant1	100	0
NVNT	ac20	5240	Ant1	100	0
NVNT	ac40	5190	Ant1	100	0
NVNT	ac40	5230	Ant1	100	0
NVNT	ac80	5210	Ant1	100	0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

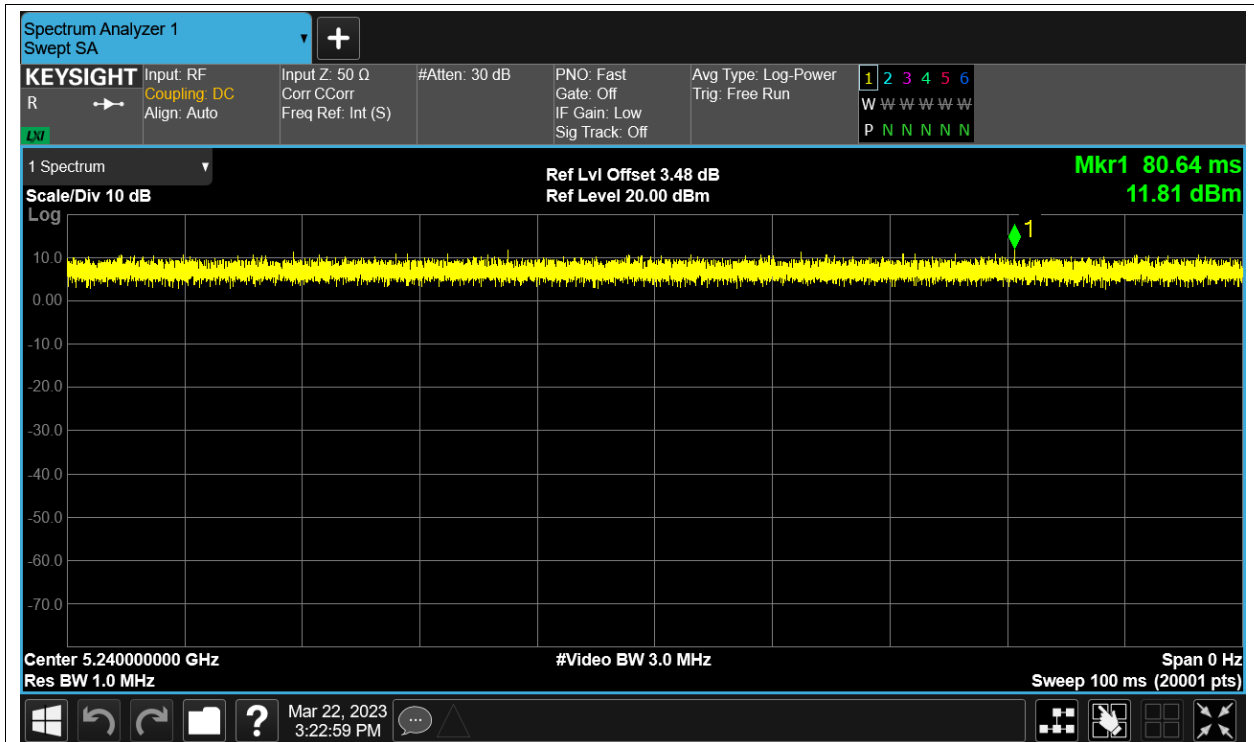
Duty Cycle NVNT a 5180MHz Ant1



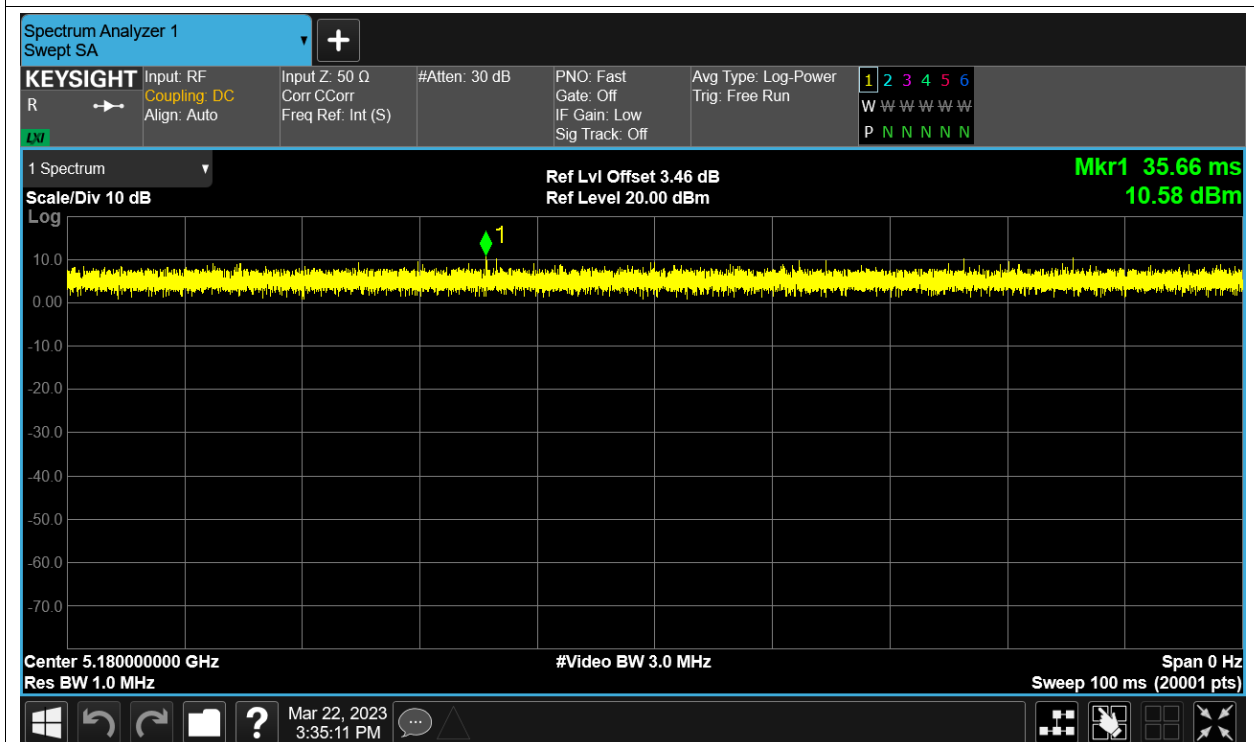
Duty Cycle NVNT a 5200MHz Ant1



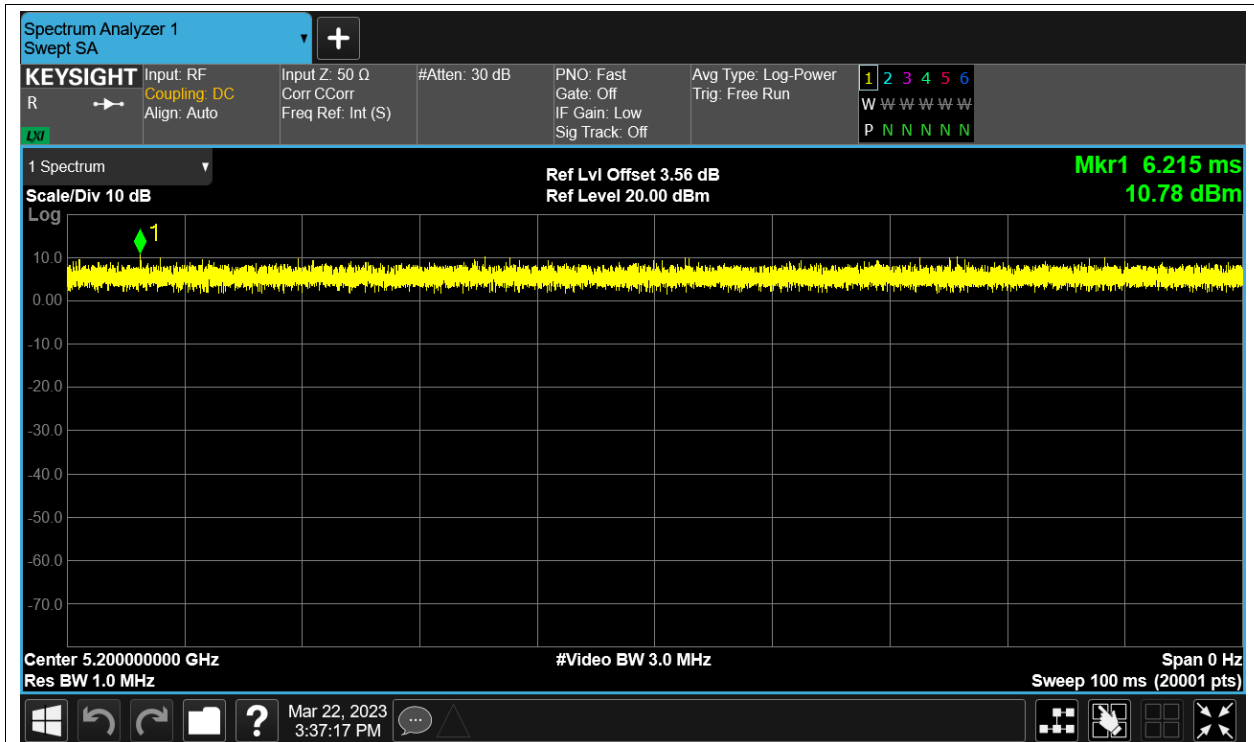
Duty Cycle NVNT a 5240MHz Ant1



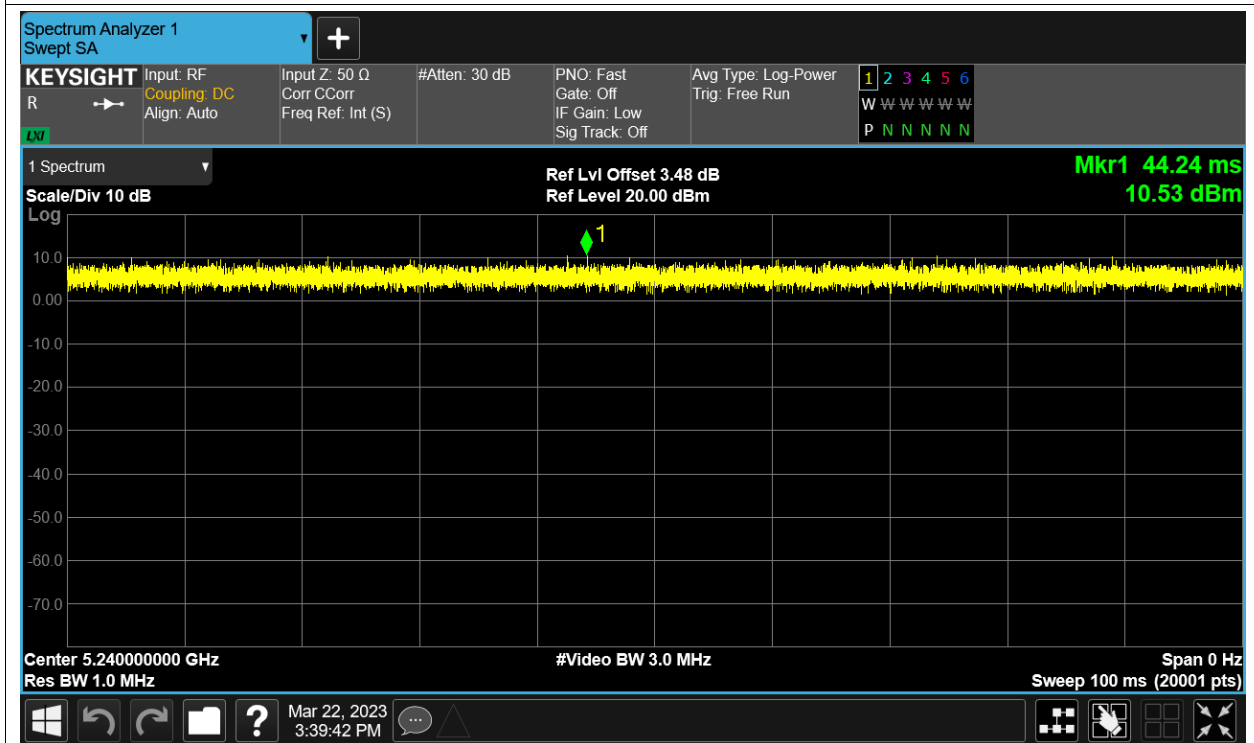
Duty Cycle NVNT ac20 5180MHz Ant1



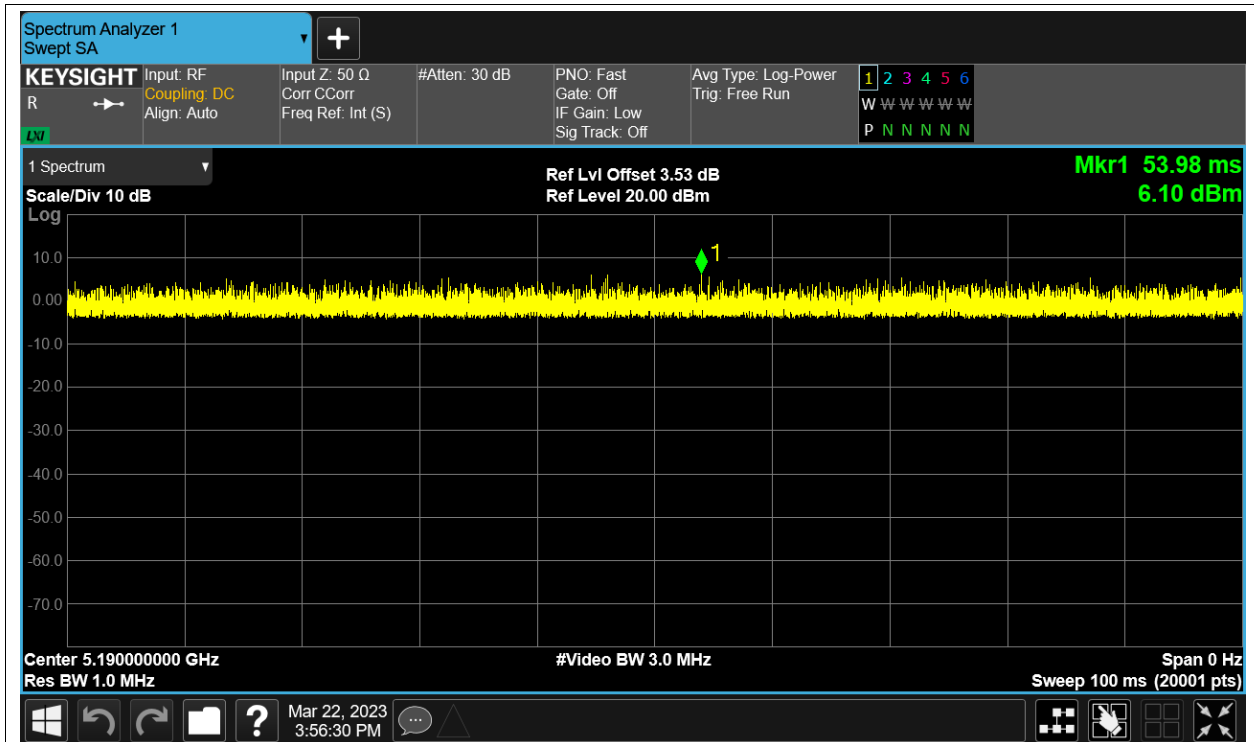
Duty Cycle NVNT ac20 5200MHz Ant1



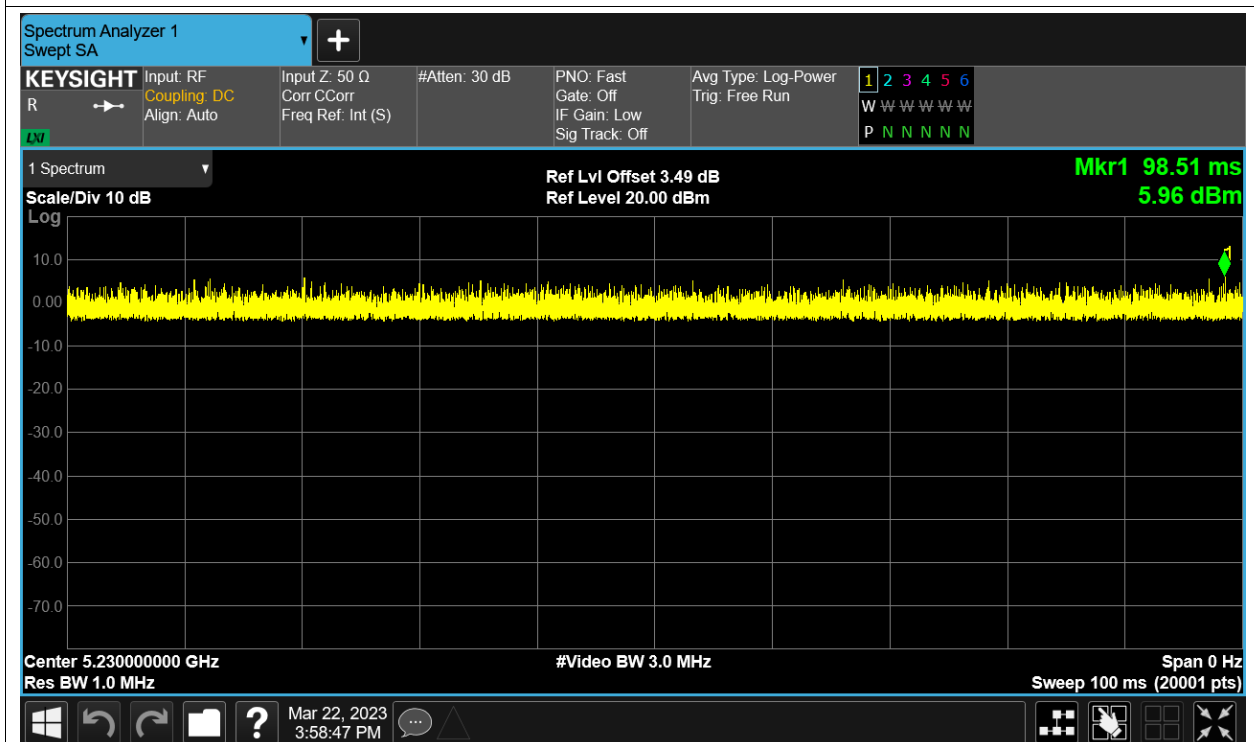
Duty Cycle NVNT ac20 5240MHz Ant1



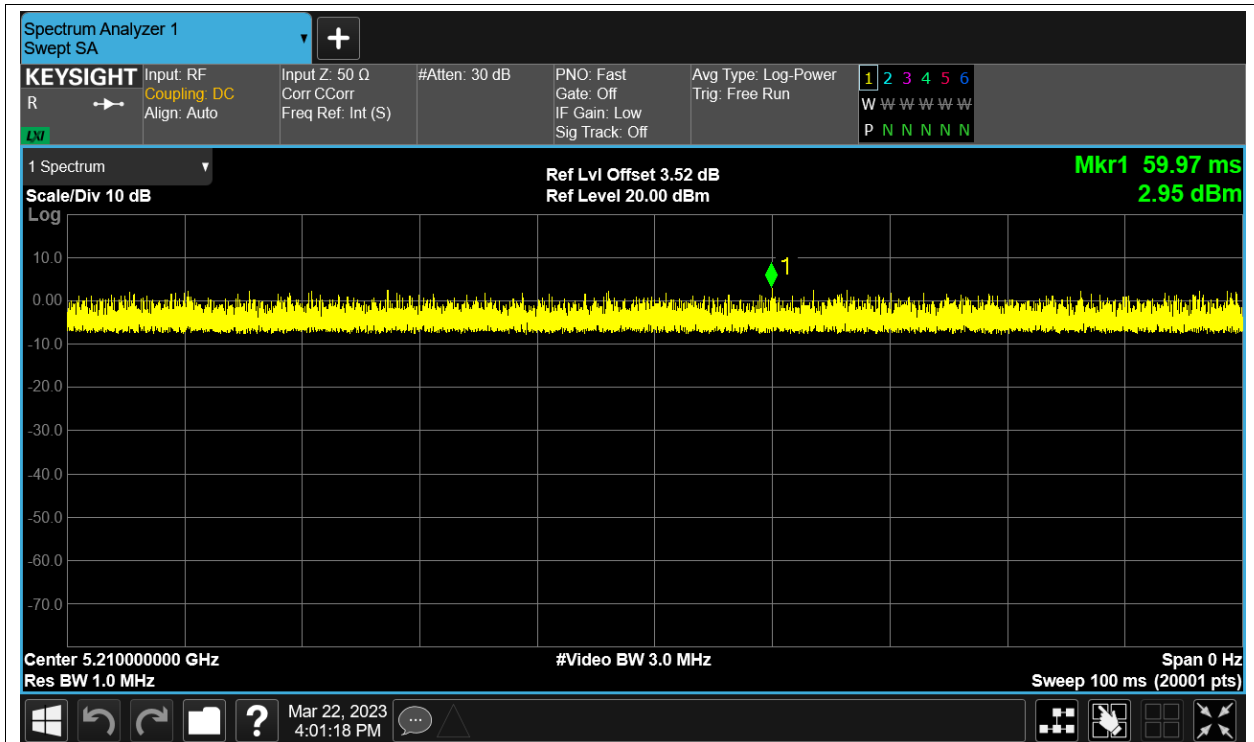
Duty Cycle NVNT ac40 5190MHz Ant1



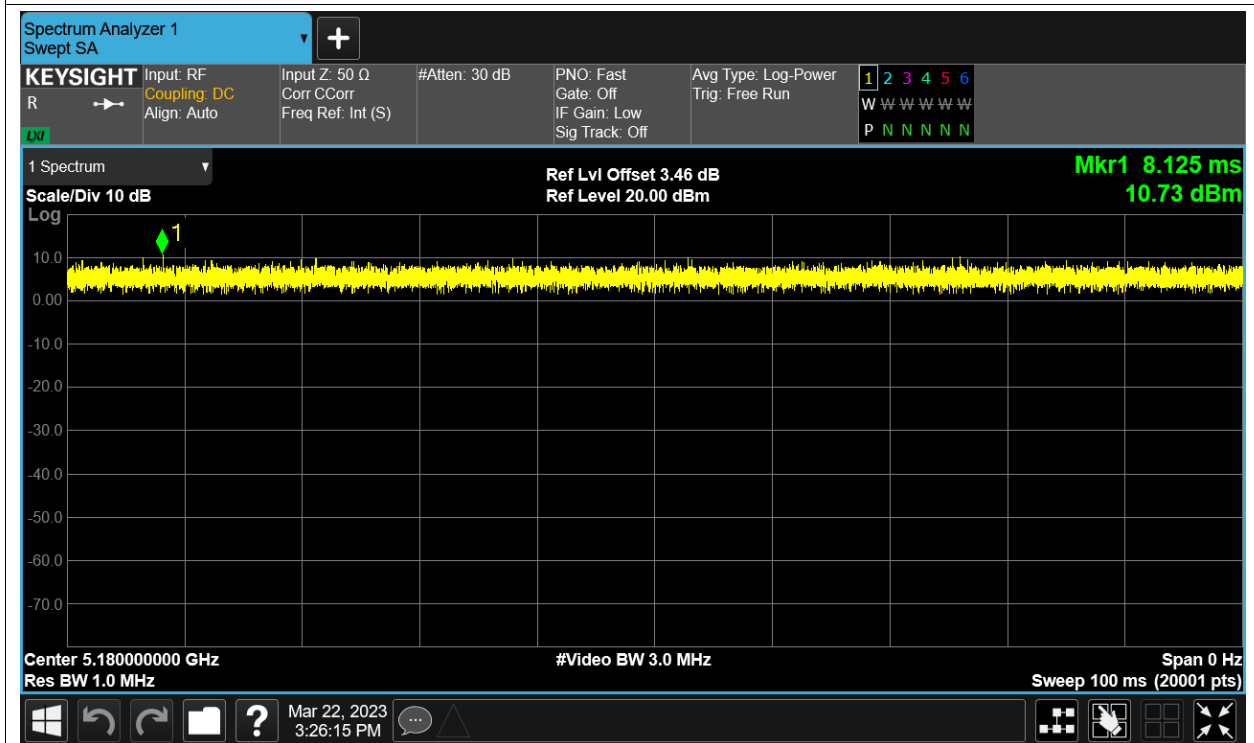
Duty Cycle NVNT ac40 5230MHz Ant1



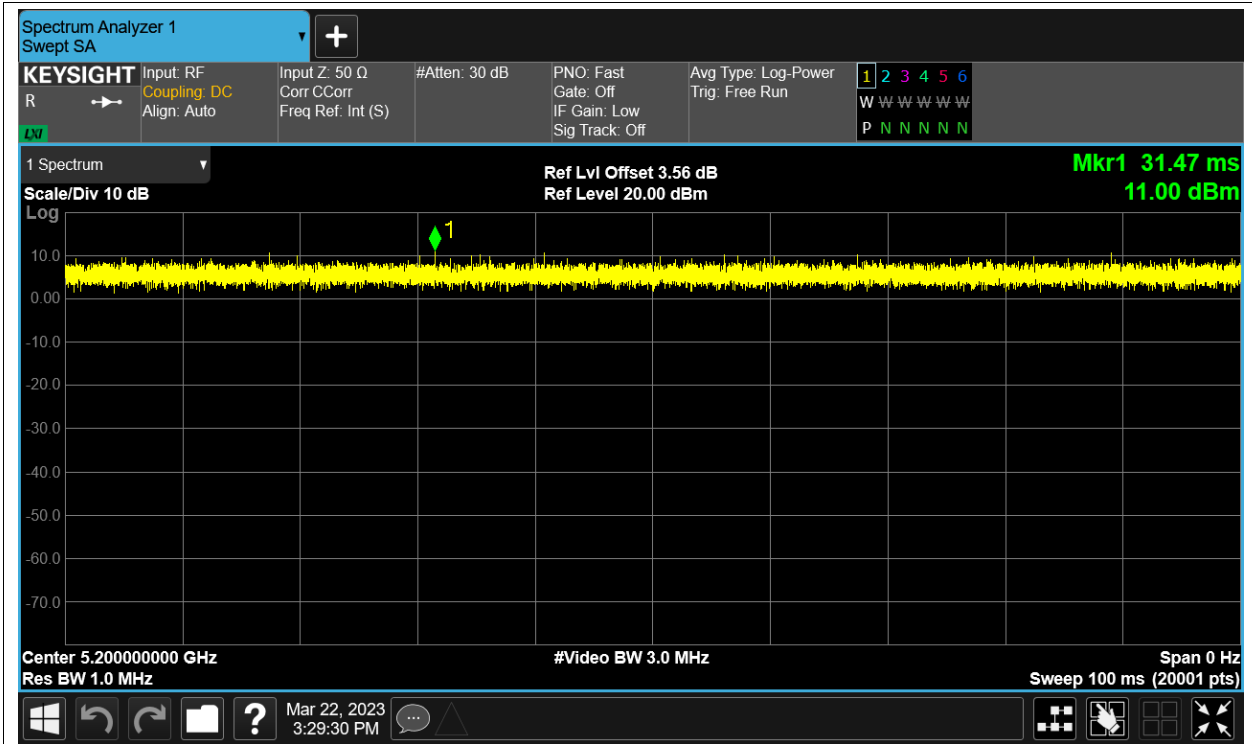
Duty Cycle NVNT ac80 5210MHz Ant1



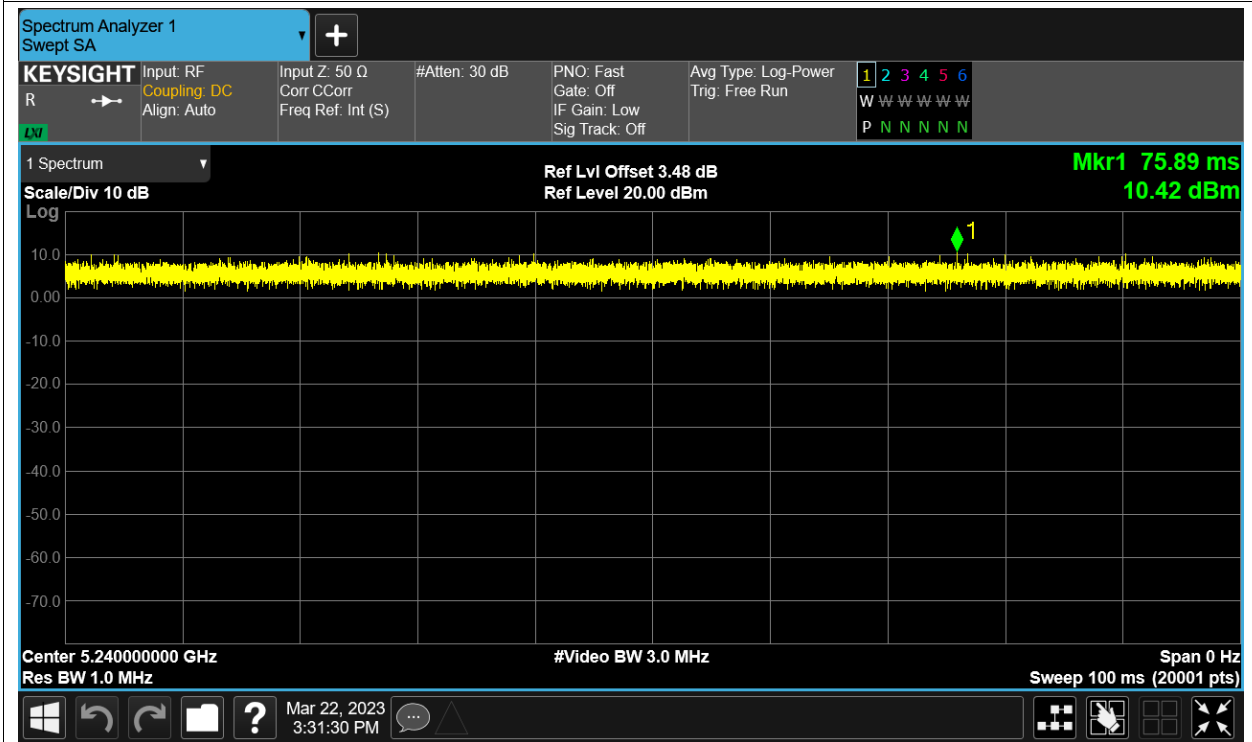
Duty Cycle NVNT n20 5180MHz Ant1



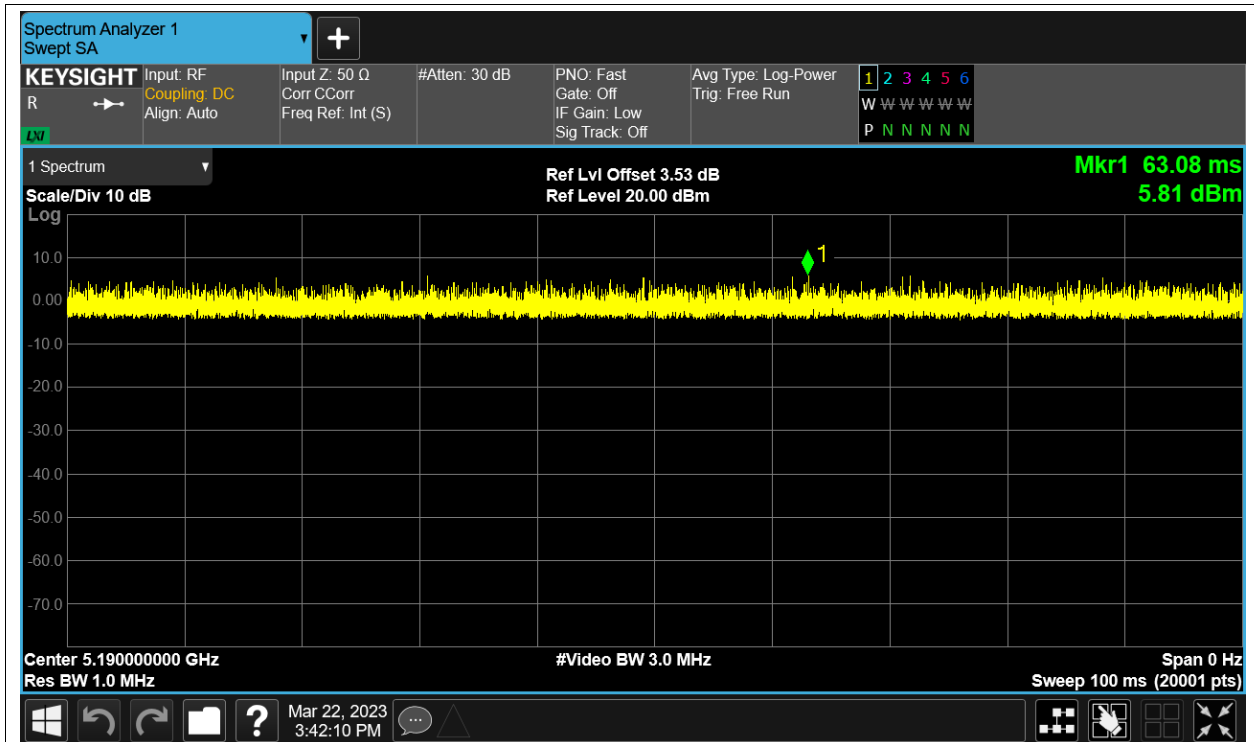
Duty Cycle NVNT n20 5200MHz Ant1



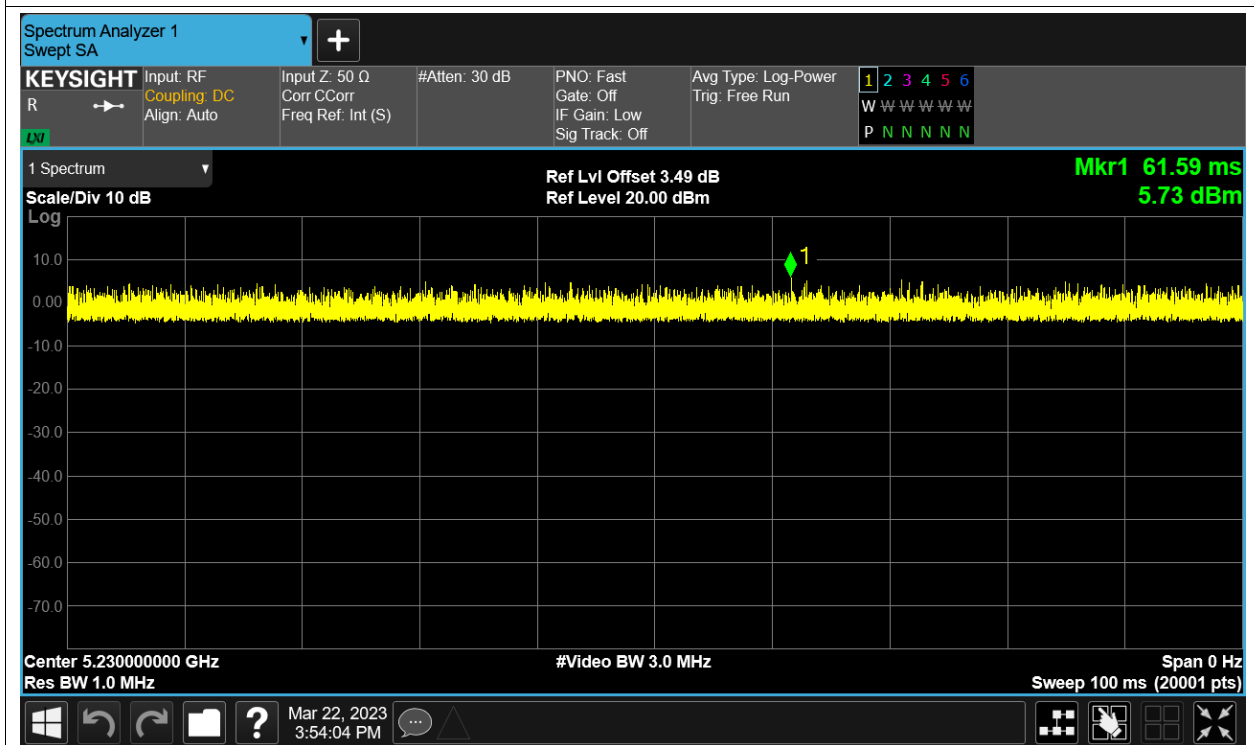
Duty Cycle NVNT n20 5240MHz Ant1



Duty Cycle NVNT n40 5190MHz Ant1



Duty Cycle NVNT n40 5230MHz Ant1



Maximum Conducted Output Power

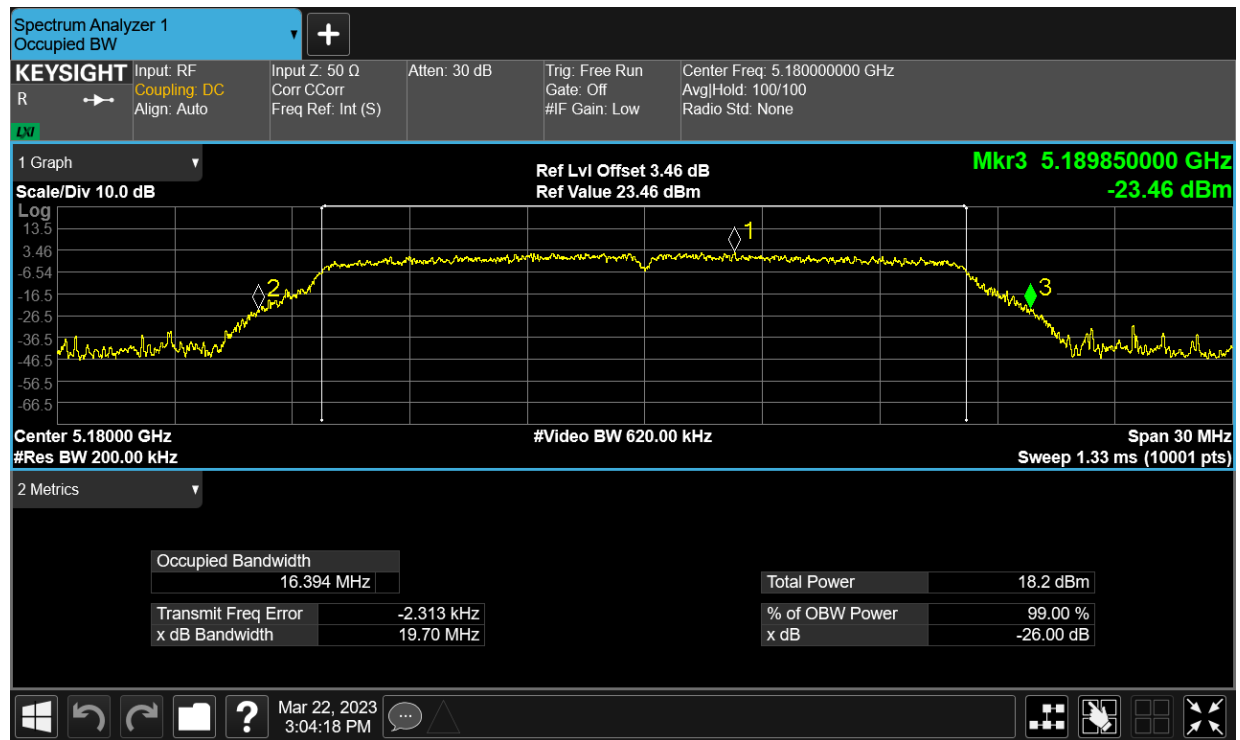
Condition	Mode	Frequency (MHz)	Antenna	Conducted Power (dBm)	Duty Factor (dB)	Total Power (dBm)	Limit (dBm)	Verdict
NVNT	a	5180	Ant1	13.34	0	13.34	24	Pass
NVNT	a	5200	Ant1	14.24	0	14.24	24	Pass
NVNT	a	5240	Ant1	13.84	0	13.84	24	Pass
NVNT	ac20	5180	Ant1	12.48	0	12.48	24	Pass
NVNT	ac20	5200	Ant1	12.85	0	12.85	24	Pass
NVNT	ac20	5240	Ant1	12.63	0	12.63	24	Pass
NVNT	ac40	5190	Ant1	12.71	0	12.71	24	Pass
NVNT	ac40	5230	Ant1	12.83	0	12.83	24	Pass
NVNT	ac80	5210	Ant1	12.77	0	12.77	24	Pass
NVNT	n20	5180	Ant1	12.75	0	12.75	24	Pass
NVNT	n20	5200	Ant1	12.84	0	12.84	24	Pass
NVNT	n20	5240	Ant1	12.71	0	12.71	24	Pass
NVNT	n40	5190	Ant1	12.67	0	12.67	24	Pass
NVNT	n40	5230	Ant1	12.44	0	12.44	24	Pass

-26dB Bandwidth

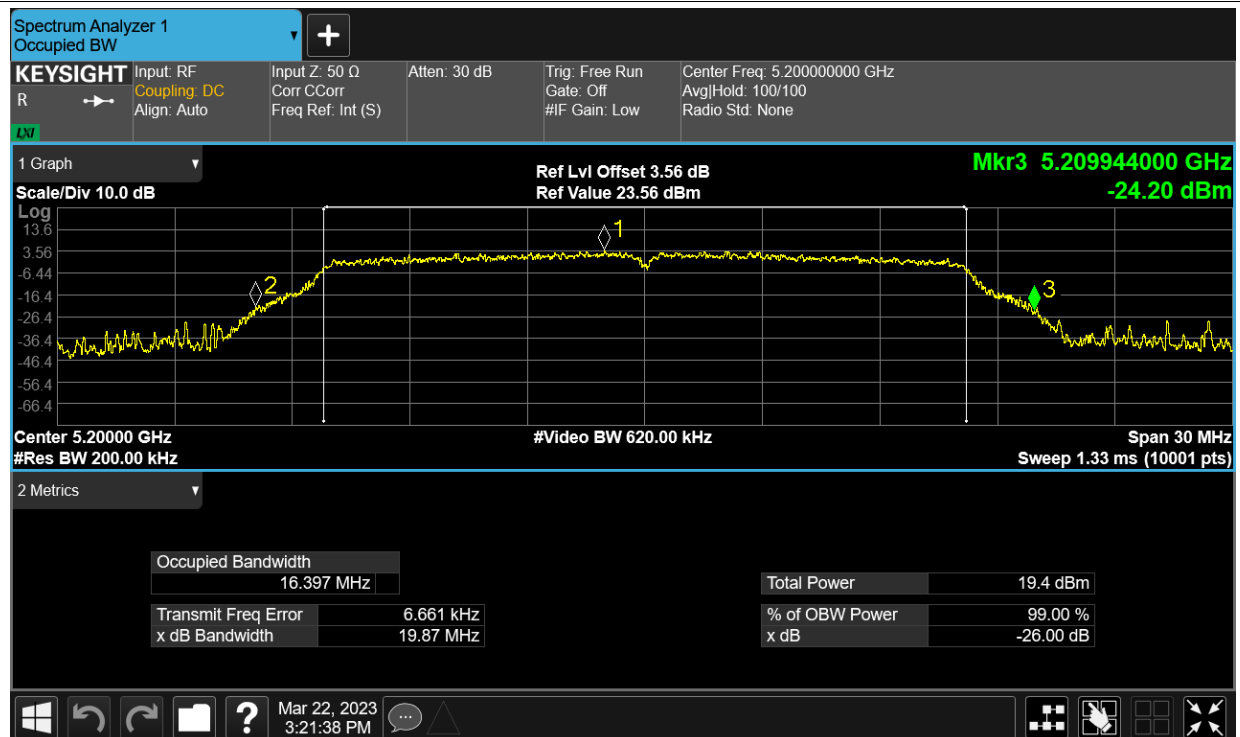
Condition	Mode	Frequency (MHz)	Antenna	-26 dB Bandwidth (MHz)
NVNT	a	5180	Ant1	19.705
NVNT	a	5200	Ant1	19.875
NVNT	a	5240	Ant1	19.75
NVNT	ac20	5180	Ant1	20.172
NVNT	ac20	5200	Ant1	20.113
NVNT	ac20	5240	Ant1	20.077
NVNT	ac40	5190	Ant1	39.479
NVNT	ac40	5230	Ant1	39.253
NVNT	ac80	5210	Ant1	78.571
NVNT	n20	5180	Ant1	20.1
NVNT	n20	5200	Ant1	20.105
NVNT	n20	5240	Ant1	19.933
NVNT	n40	5190	Ant1	39.388
NVNT	n40	5230	Ant1	39.042

Test Graphs

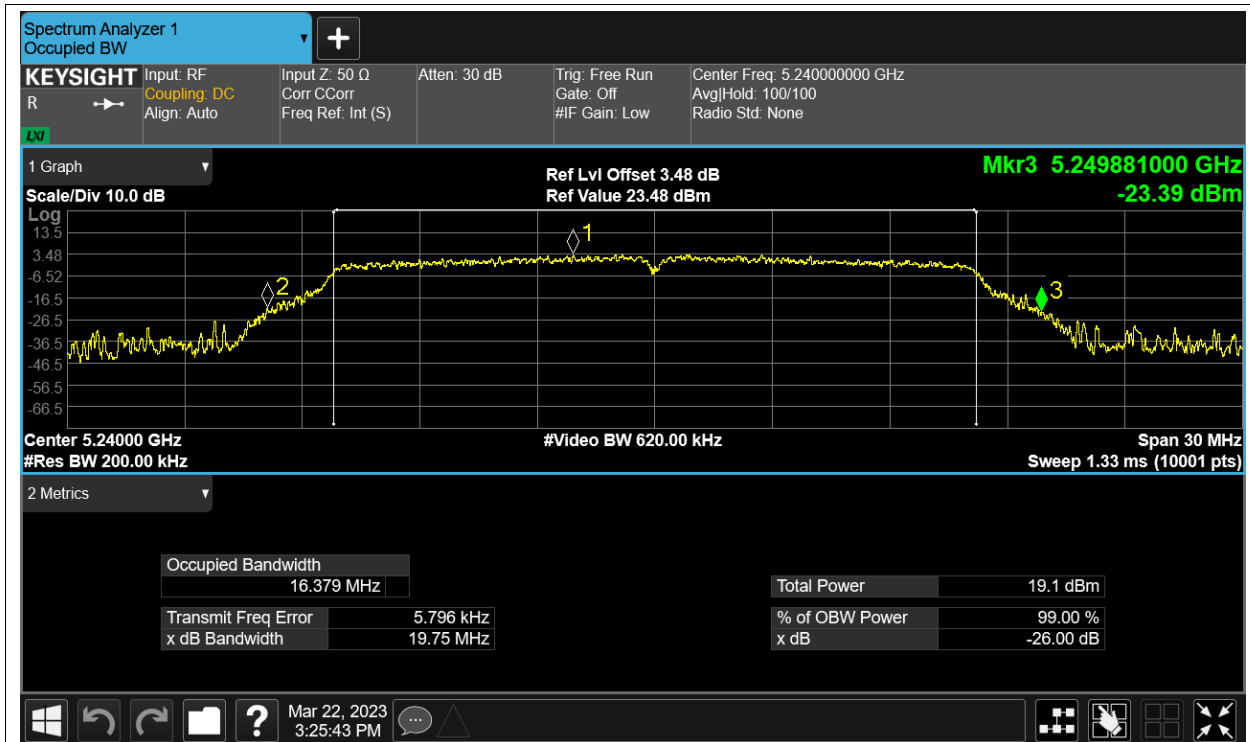
-26dB Bandwidth NVNT a 5180MHz Ant1



-26dB Bandwidth NVNT a 5200MHz Ant1



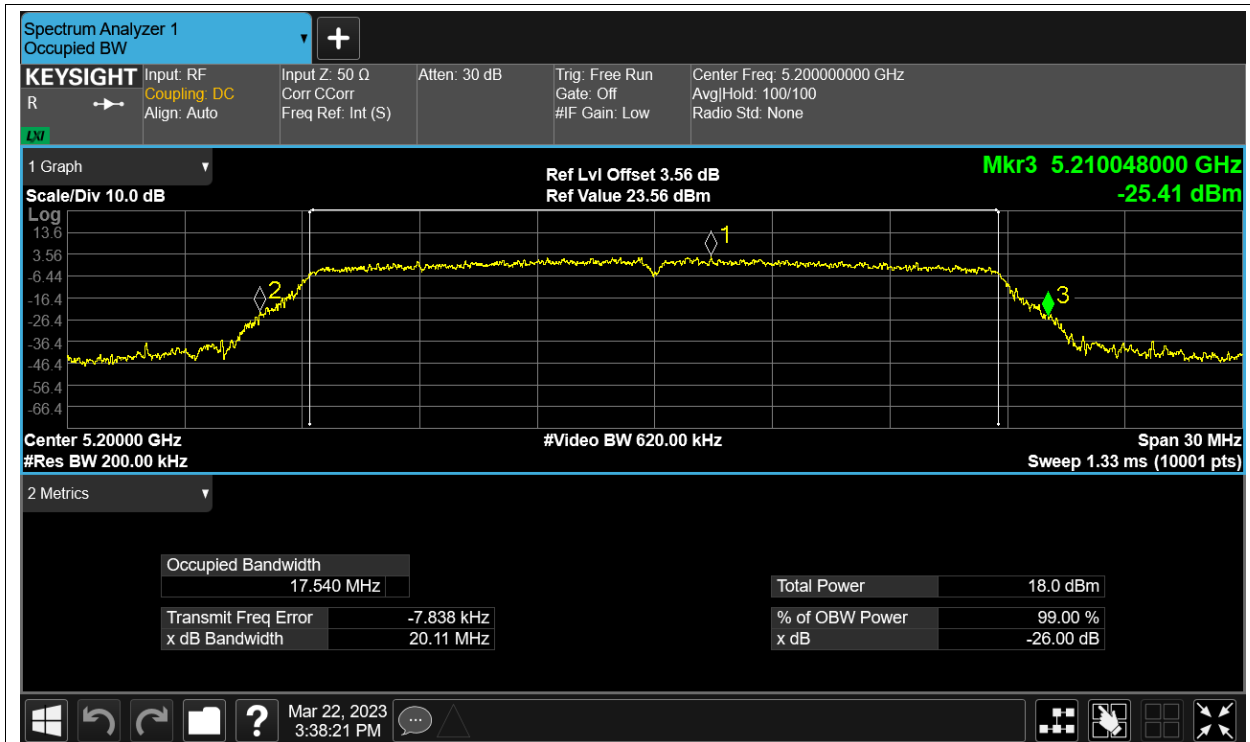
-26dB Bandwidth NVNT a 5240MHz Ant1



-26dB Bandwidth NVNT ac20 5180MHz Ant1



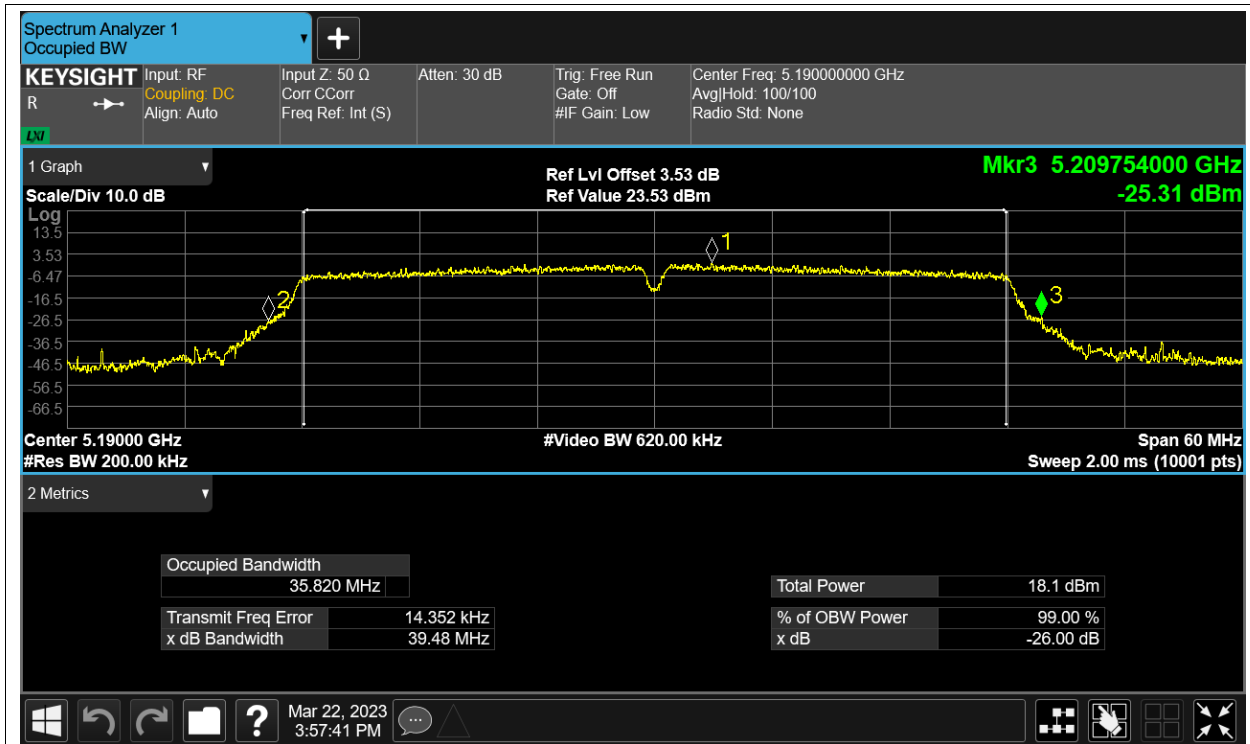
-26dB Bandwidth NVNT ac20 5200MHz Ant1



-26dB Bandwidth NVNT ac20 5240MHz Ant1



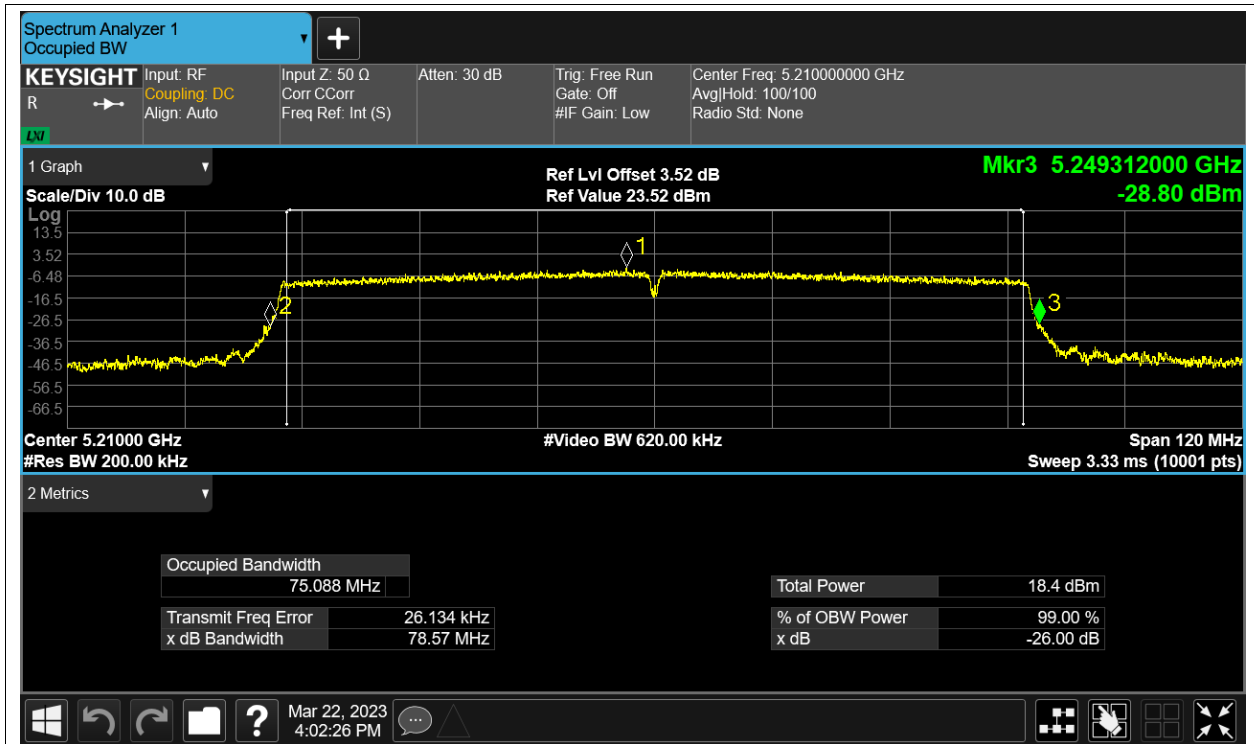
-26dB Bandwidth NVNT ac40 5190MHz Ant1



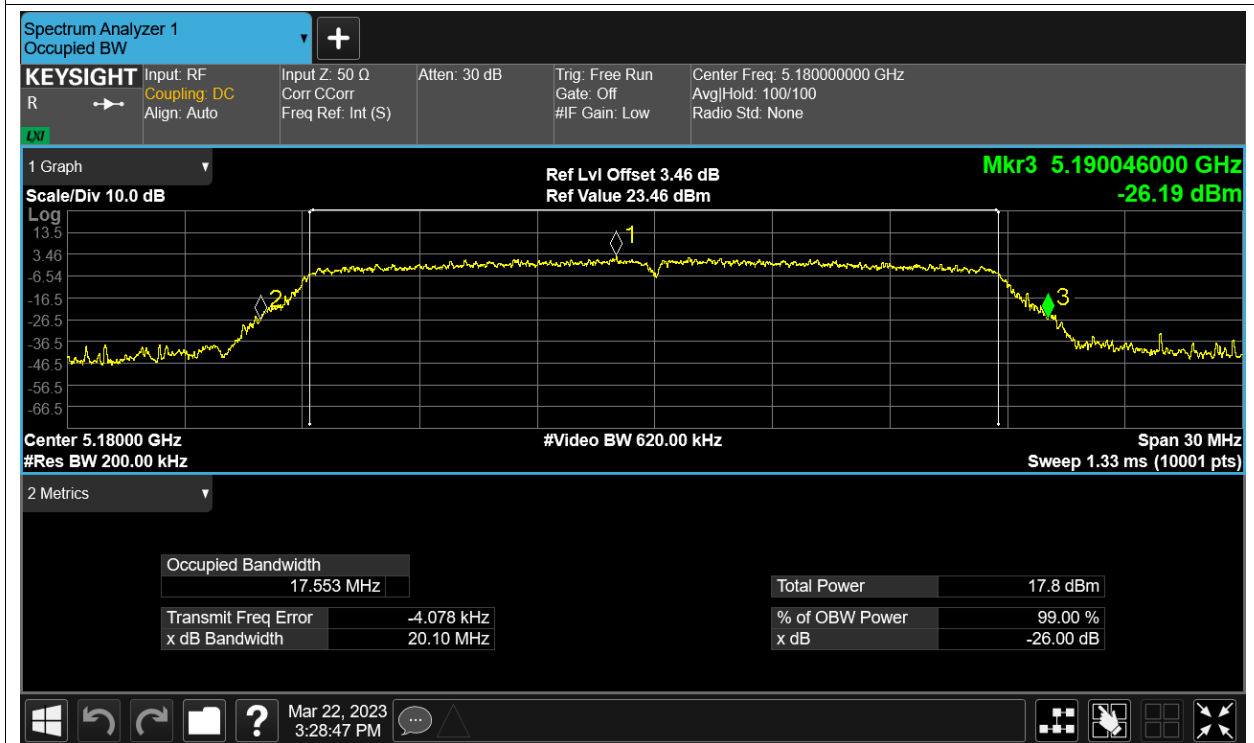
-26dB Bandwidth NVNT ac40 5230MHz Ant1



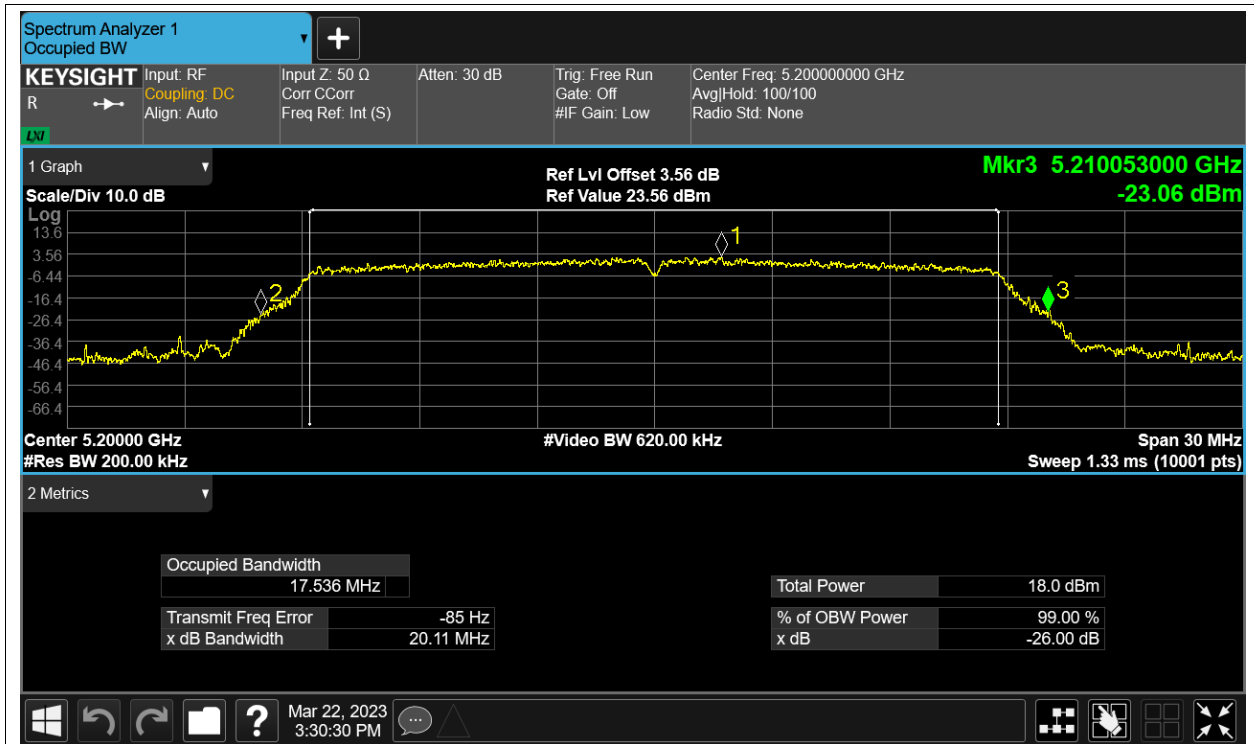
-26dB Bandwidth NVNT ac80 5210MHz Ant1



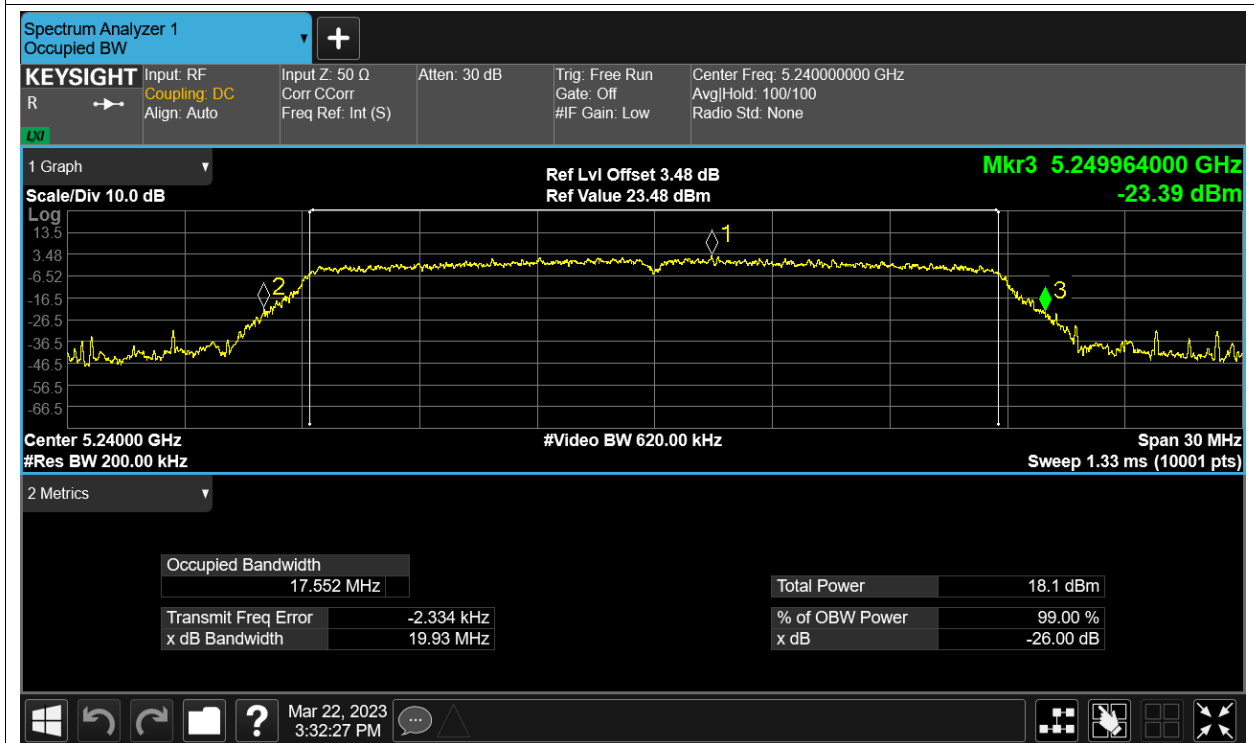
-26dB Bandwidth NVNT n20 5180MHz Ant1



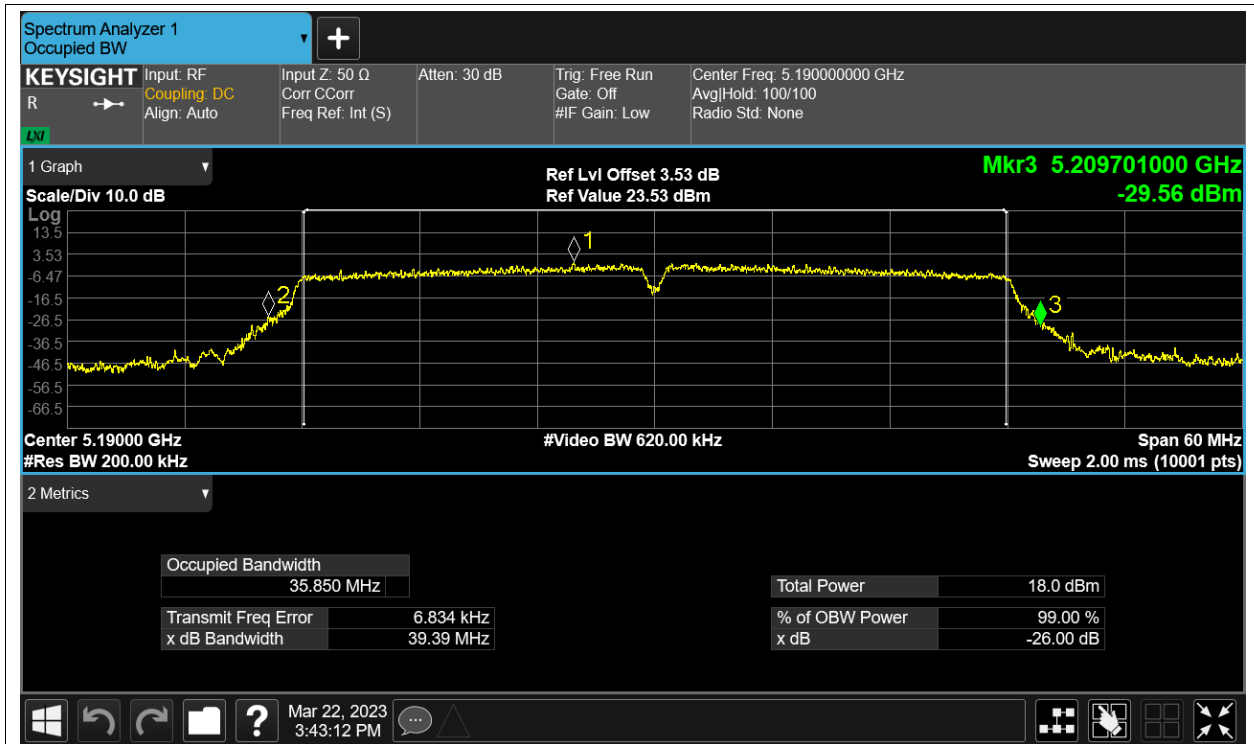
-26dB Bandwidth NVNT n20 5200MHz Ant1



-26dB Bandwidth NVNT n20 5240MHz Ant1



-26dB Bandwidth NVNT n40 5190MHz Ant1



-26dB Bandwidth NVNT n40 5230MHz Ant1

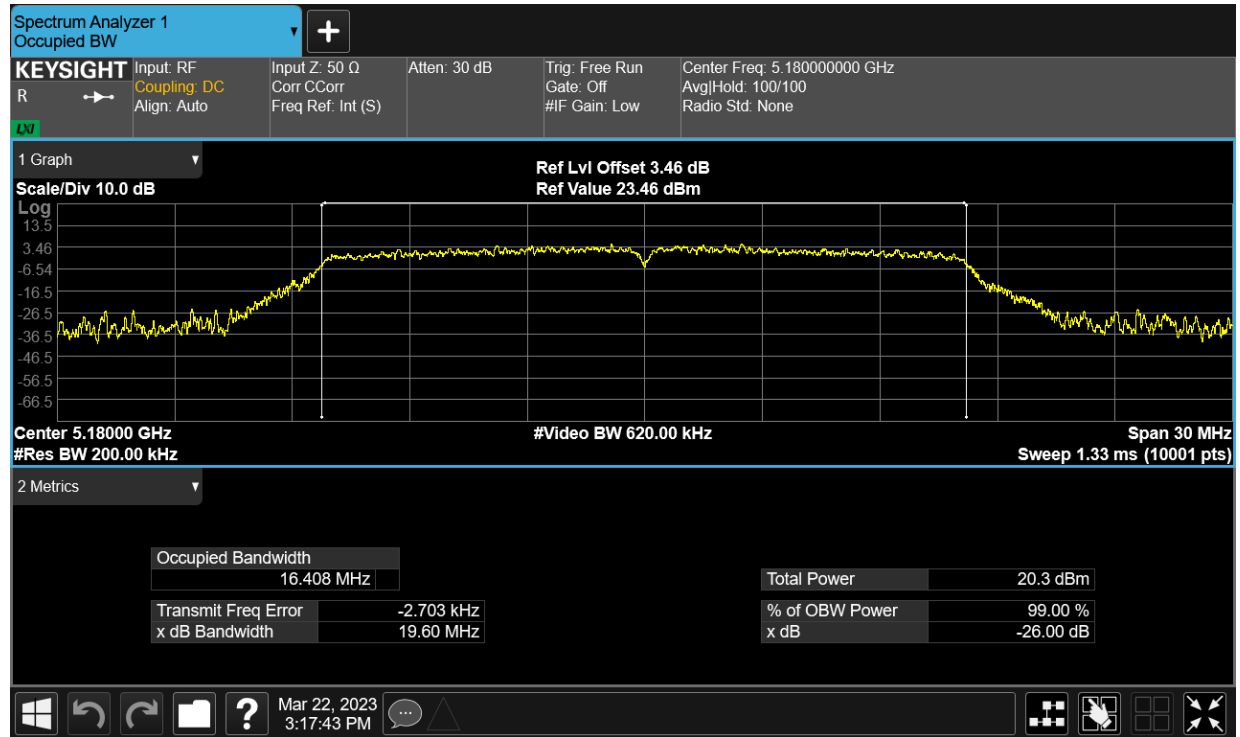


Occupied Channel Bandwidth

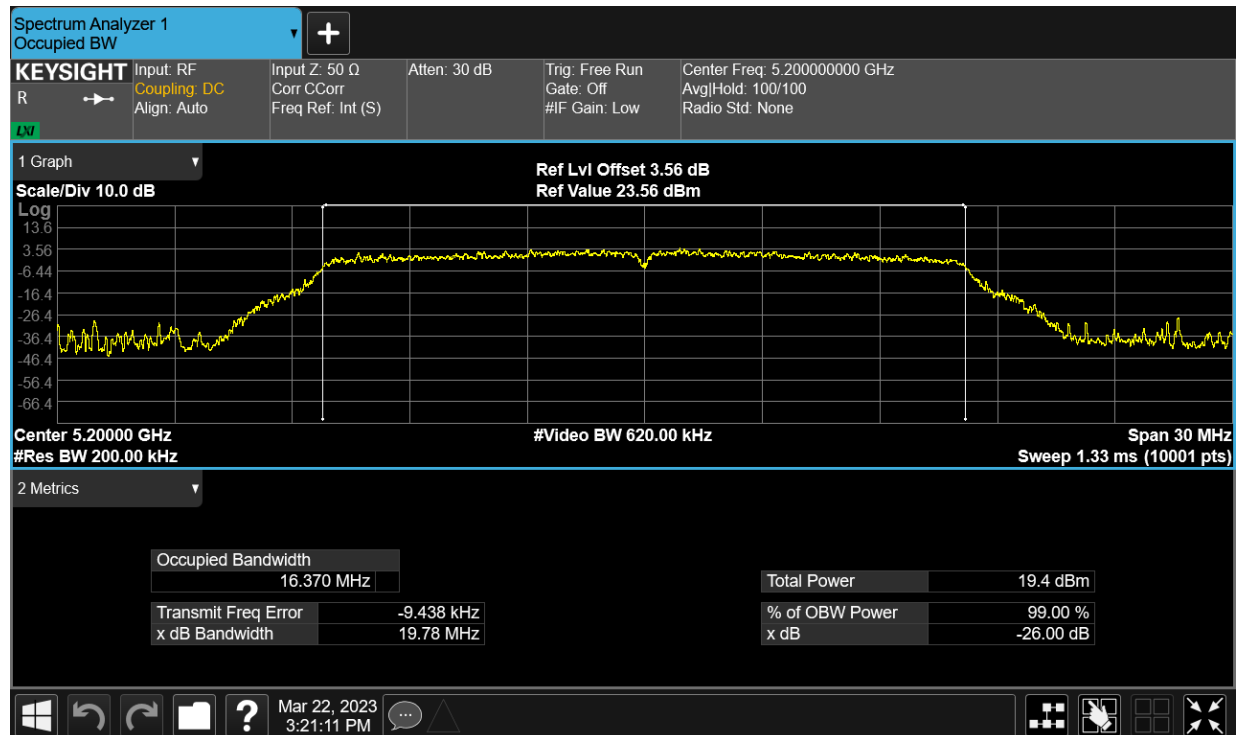
Condition	Mode	Frequency (MHz)	Antenna	99% OBW (MHz)
NVNT	a	5180	Ant1	16.408
NVNT	a	5200	Ant1	16.37
NVNT	a	5240	Ant1	16.379
NVNT	ac20	5180	Ant1	17.556
NVNT	ac20	5200	Ant1	17.53
NVNT	ac20	5240	Ant1	17.536
NVNT	ac40	5190	Ant1	35.946
NVNT	ac40	5230	Ant1	35.915
NVNT	ac80	5210	Ant1	75.143
NVNT	n20	5180	Ant1	17.561
NVNT	n20	5200	Ant1	17.531
NVNT	n20	5240	Ant1	17.571
NVNT	n40	5190	Ant1	35.888
NVNT	n40	5230	Ant1	35.95

Test Graphs

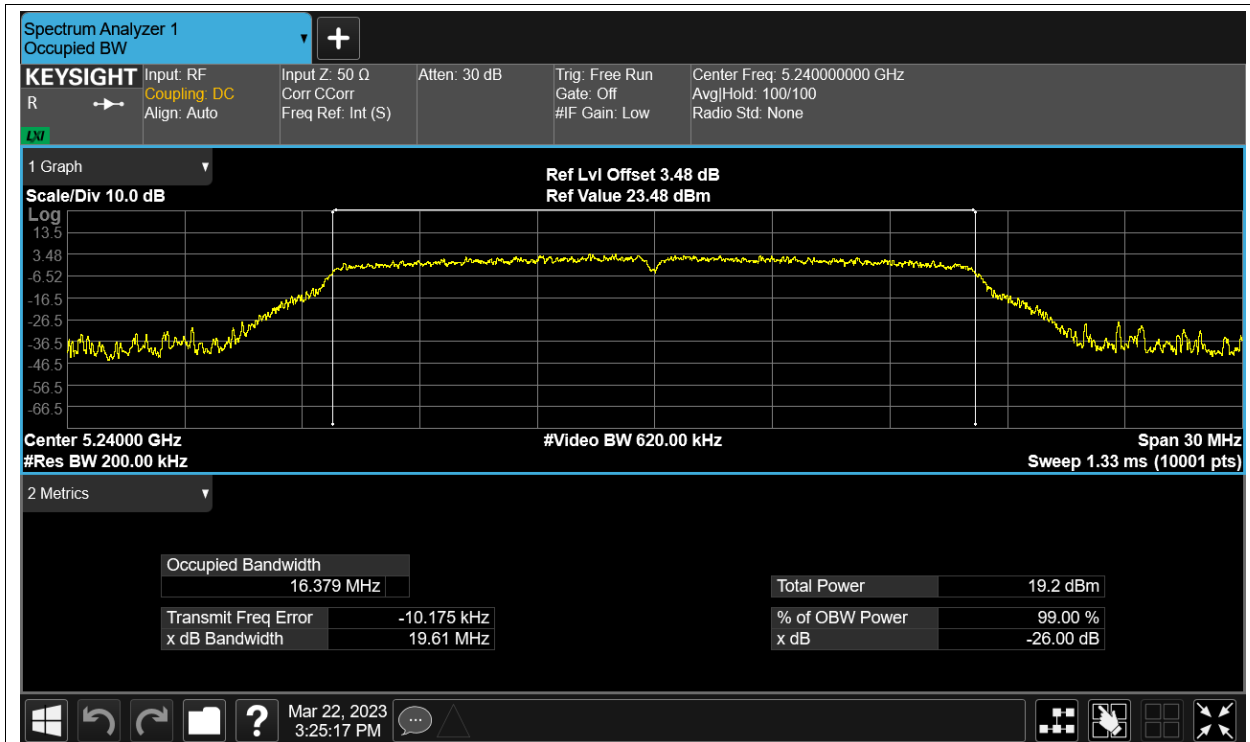
OBW NVNT a 5180MHz Ant1



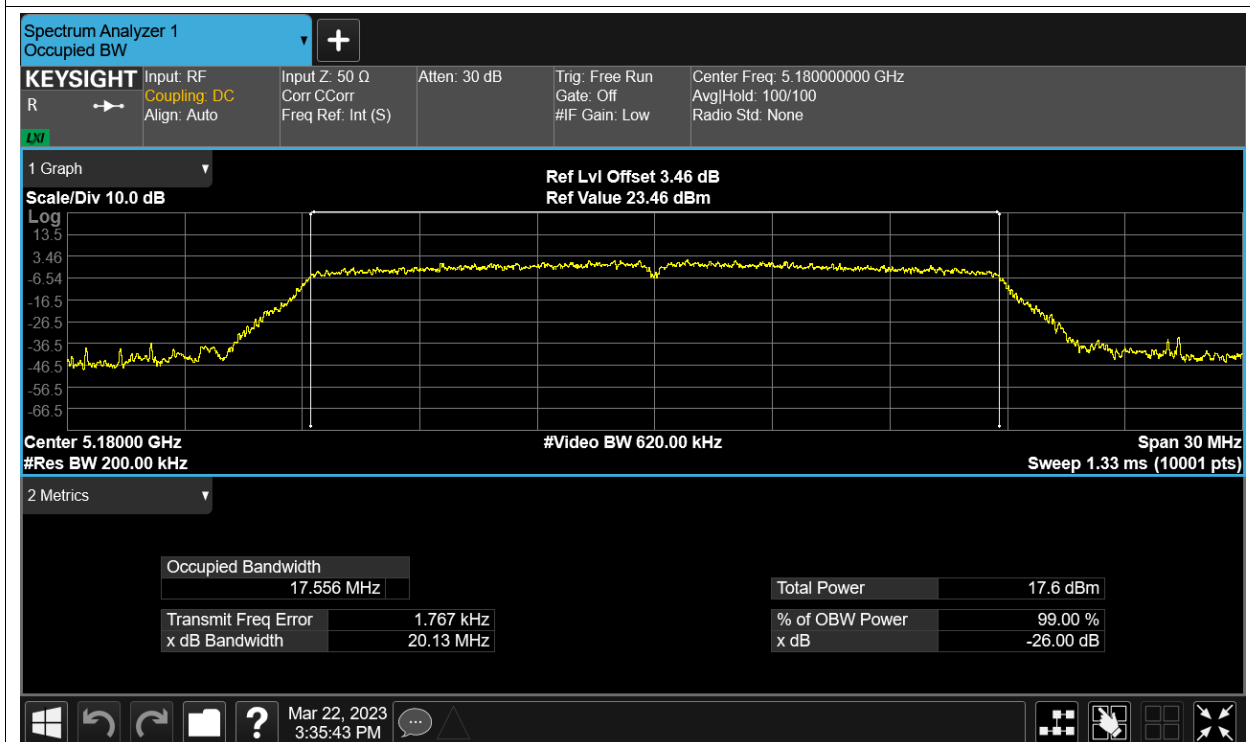
OBW NVNT a 5200MHz Ant1



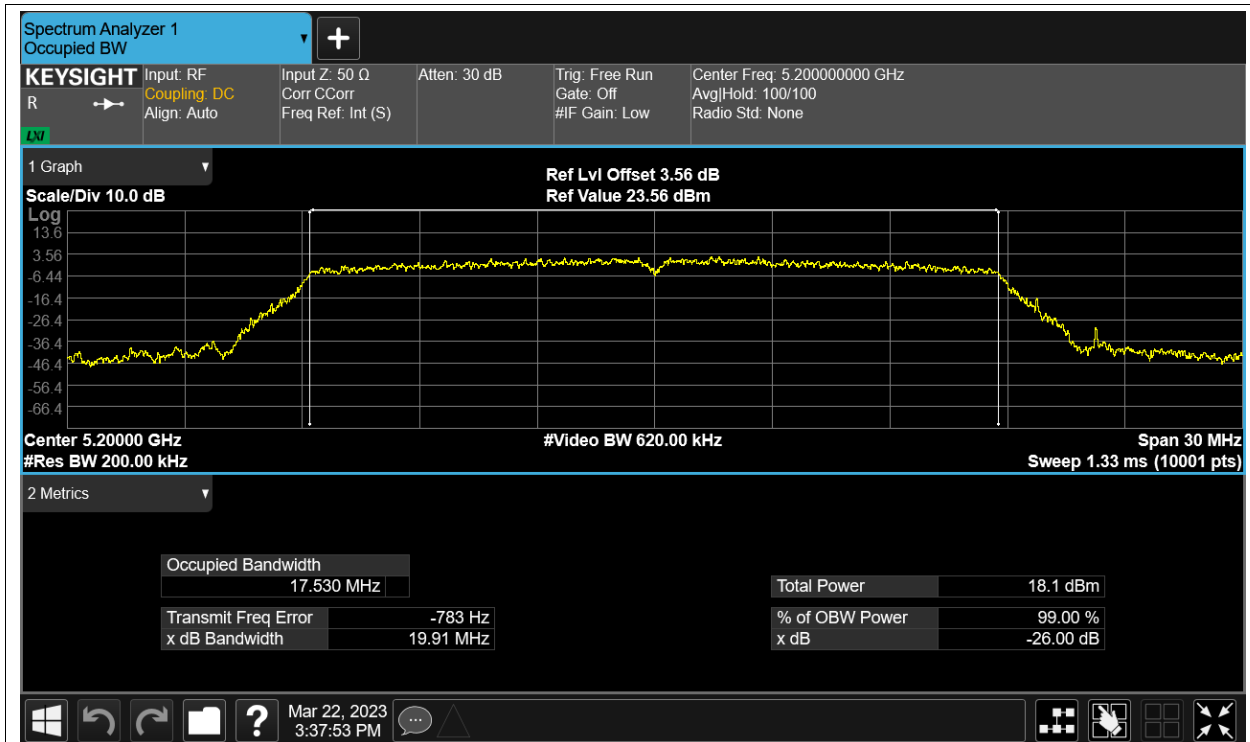
OBW NVNT a 5240MHz Ant1



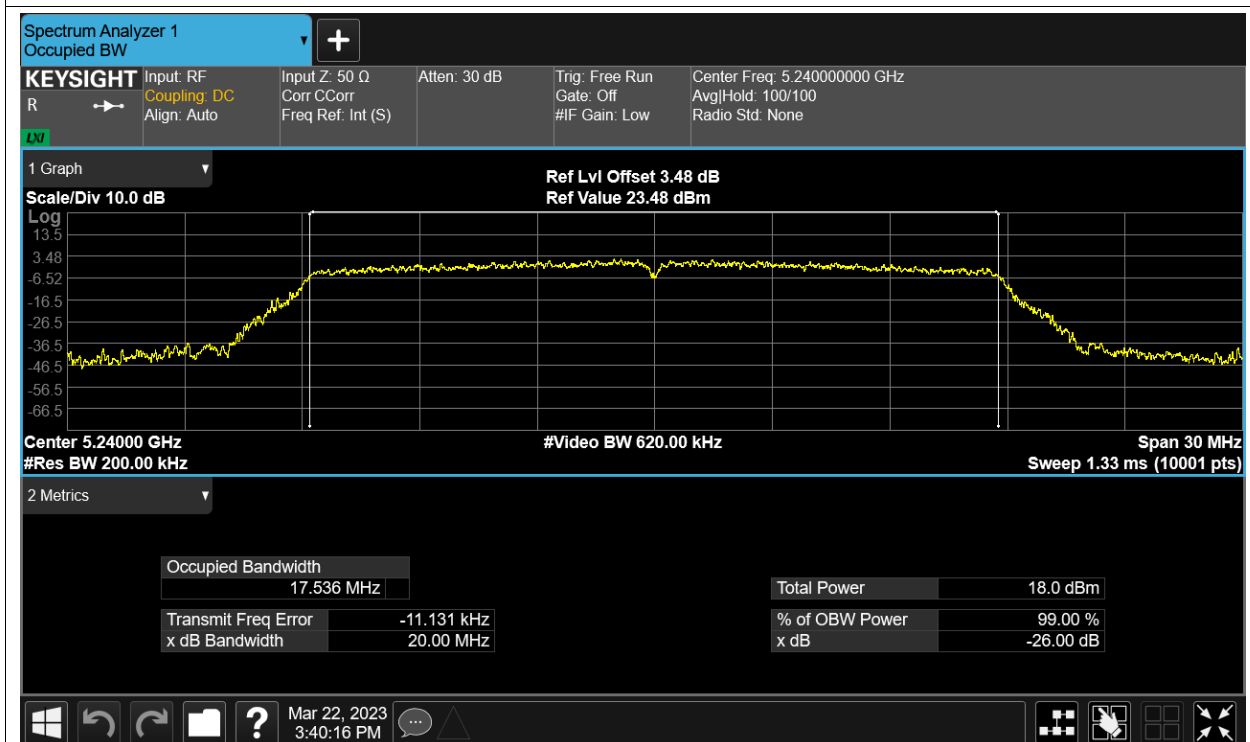
OBW NVNT ac20 5180MHz Ant1



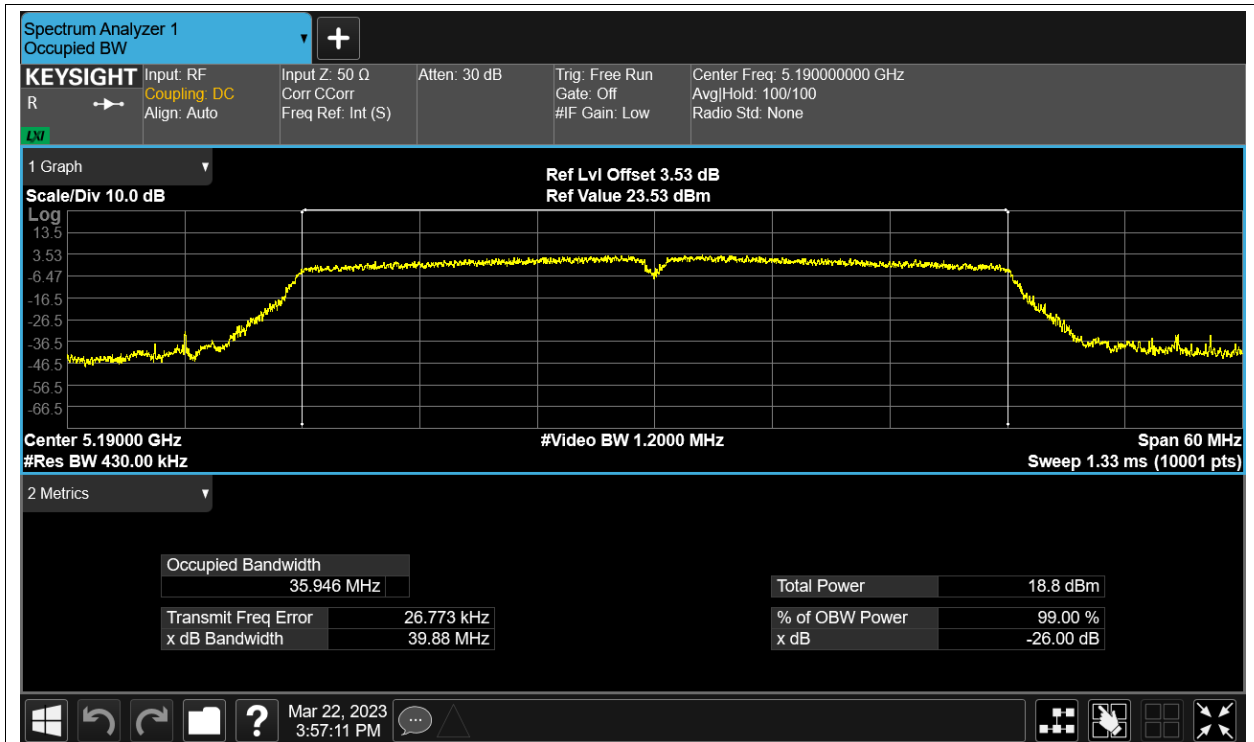
OBW NVNT ac20 5200MHz Ant1



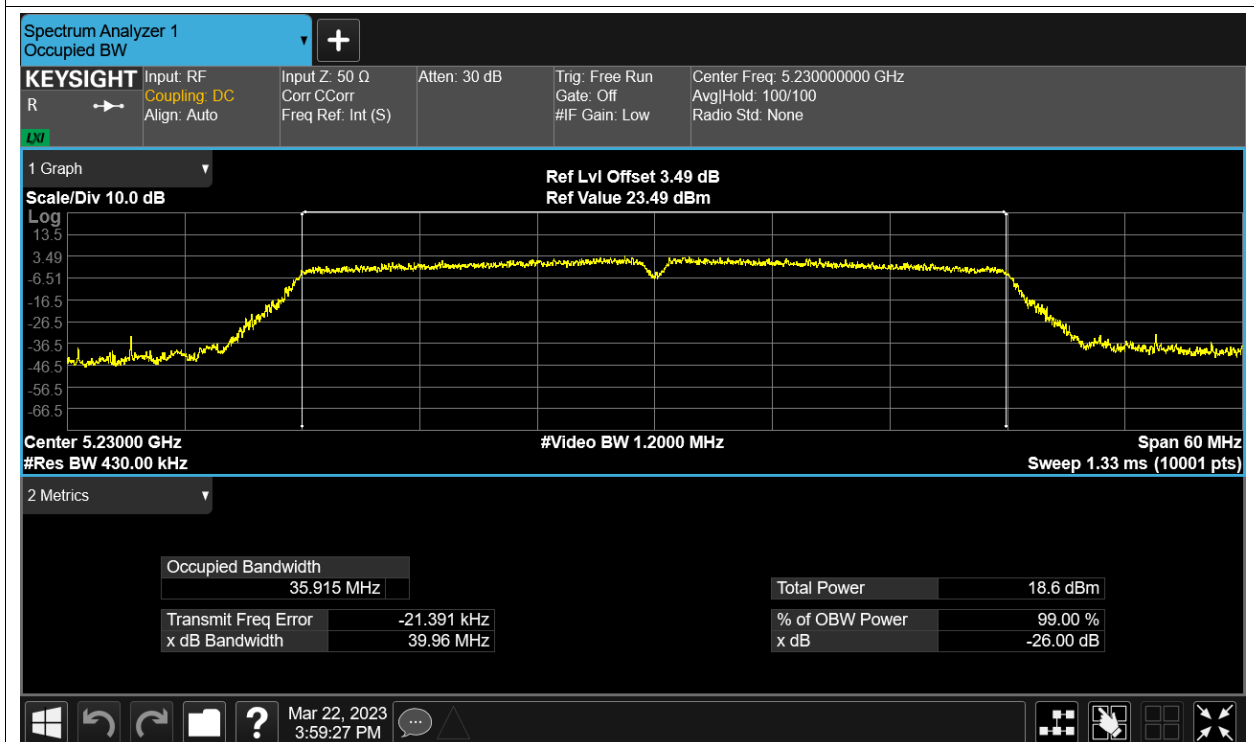
OBW NVNT ac20 5240MHz Ant1



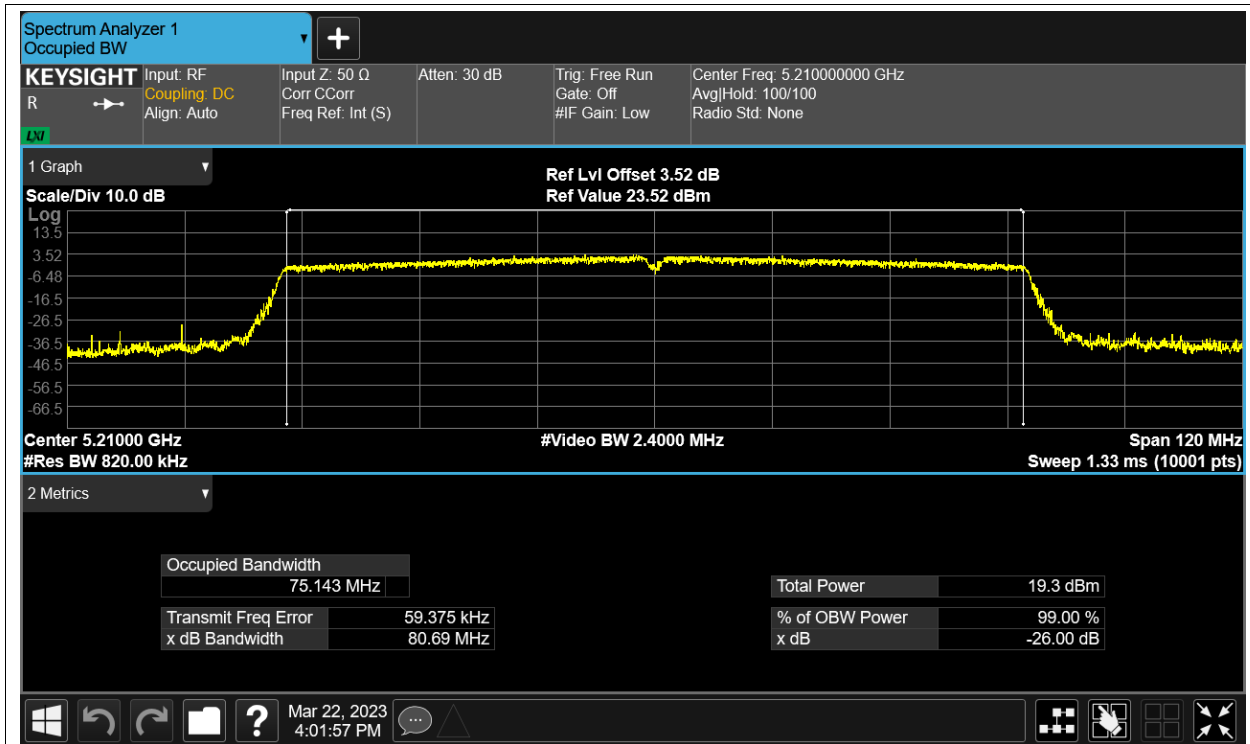
OBW NVNT ac40 5190MHz Ant1



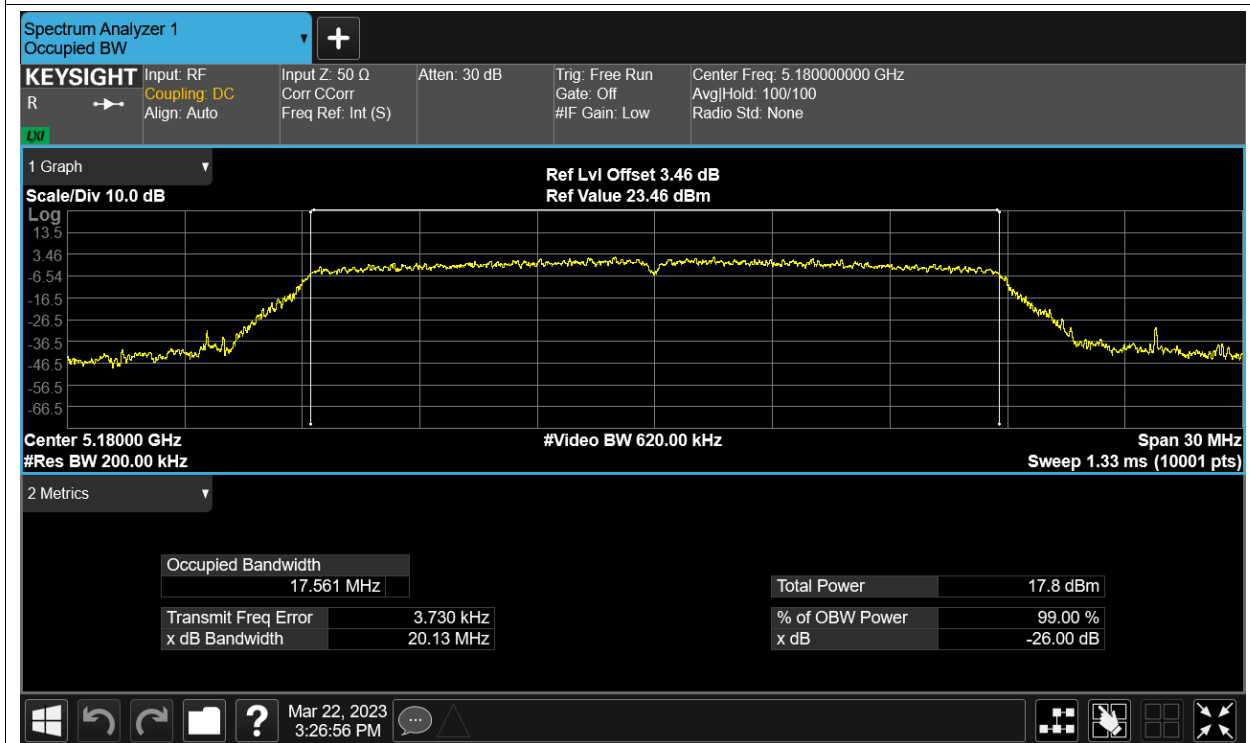
OBW NVNT ac40 5230MHz Ant1



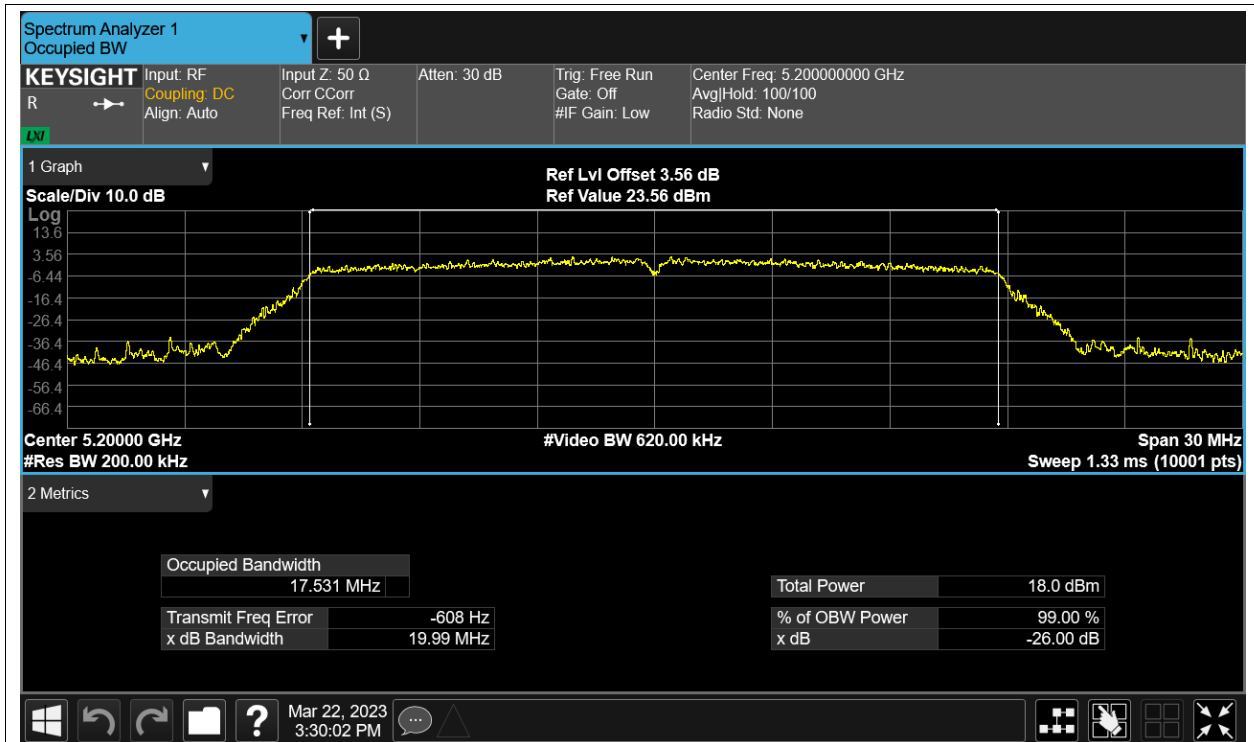
OBW NVNT ac80 5210MHz Ant1



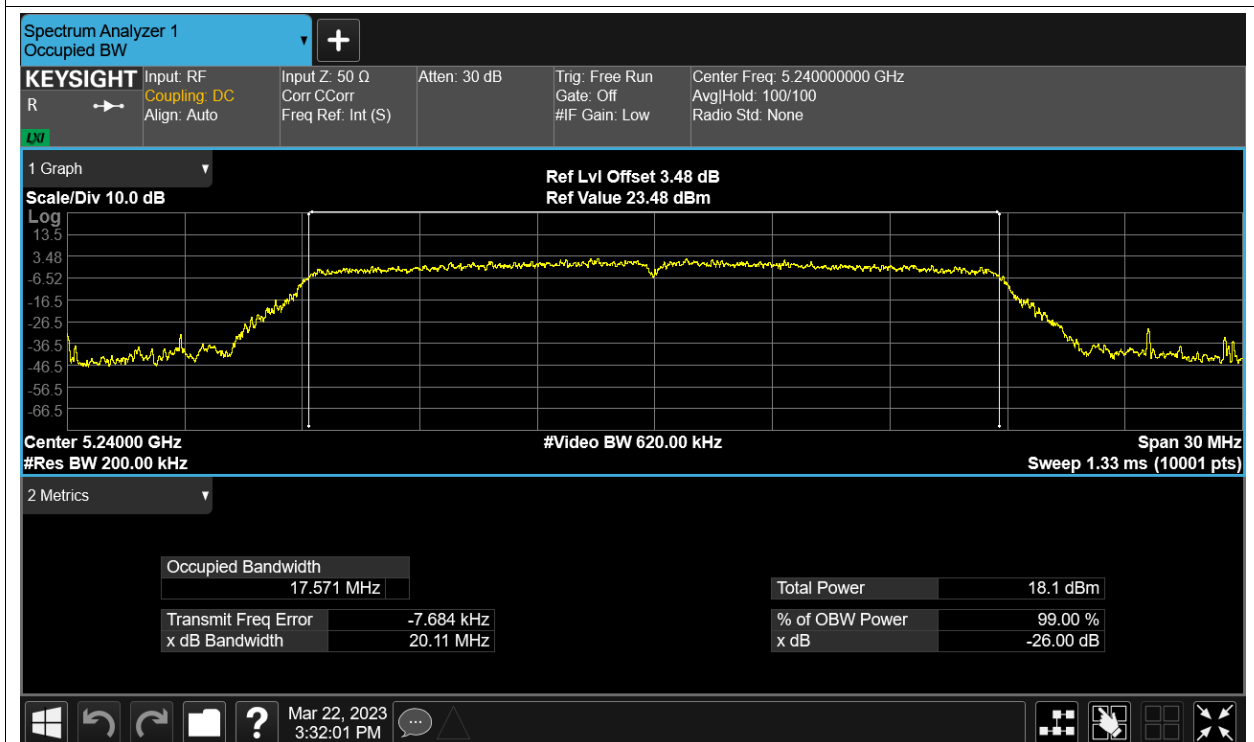
OBW NVNT n20 5180MHz Ant1



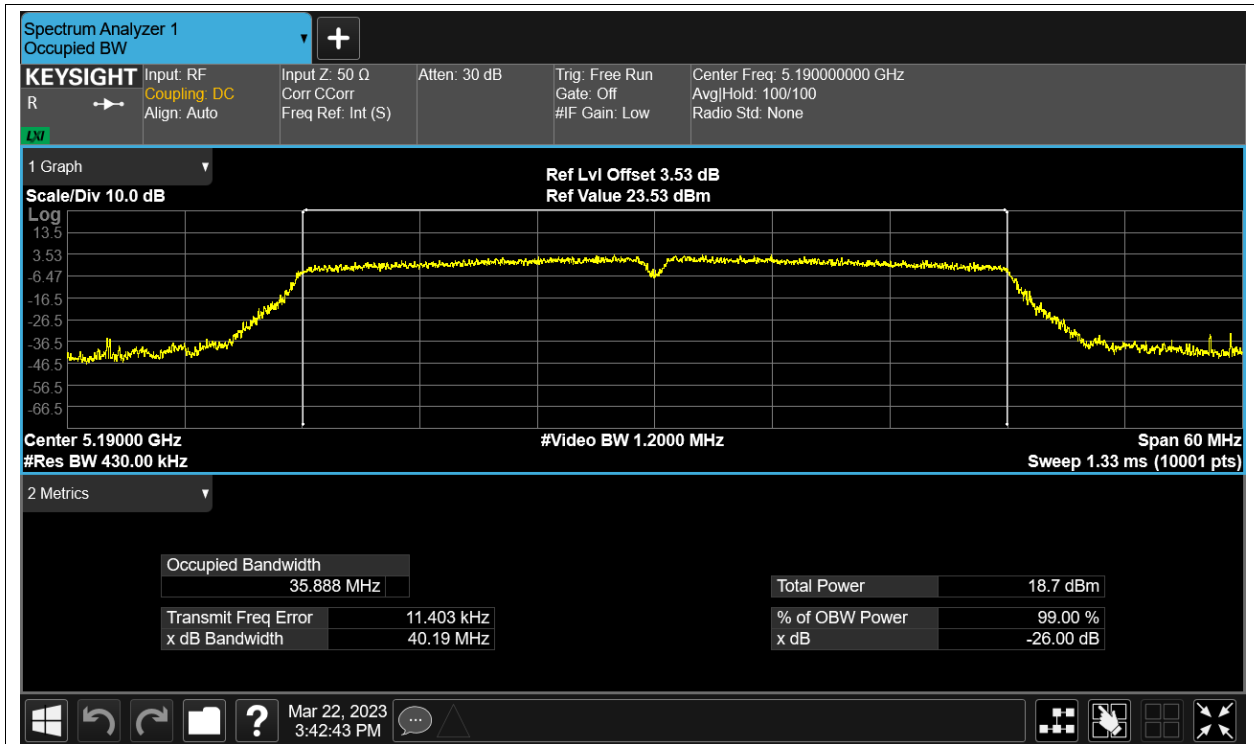
OBW NVNT n20 5200MHz Ant1



OBW NVNT n20 5240MHz Ant1



OBW NVNT n40 5190MHz Ant1



OBW NVNT n40 5230MHz Ant1

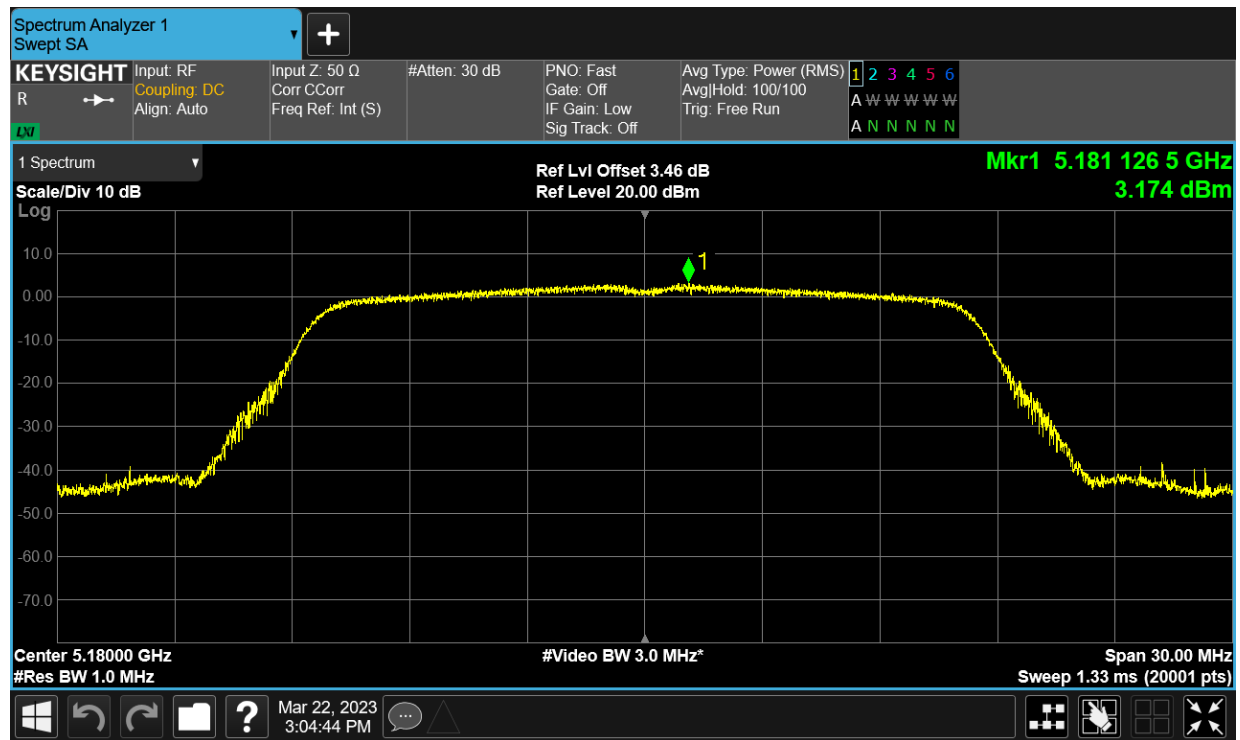


Maximum Power Spectral Density Level

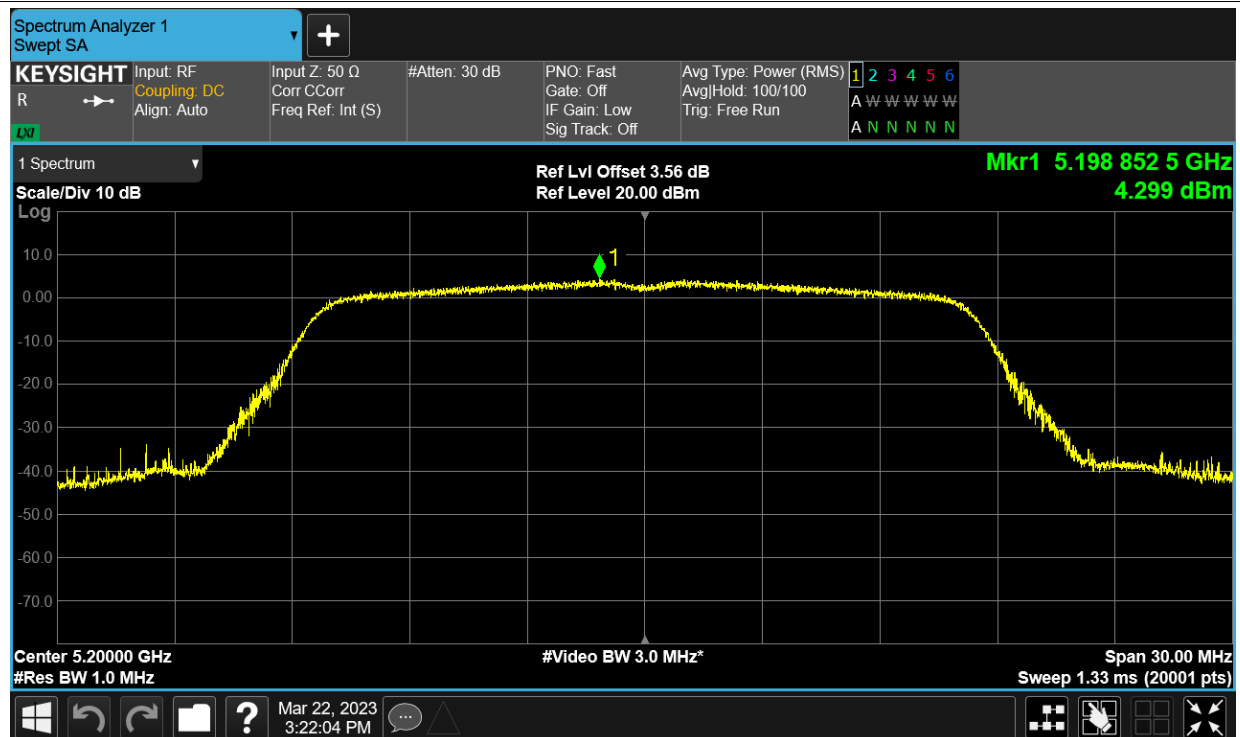
Condition	Mode	Frequency (MHz)	Antenna	Max PSD (dBm)	Limit (dBm)	Verdict
NVNT	a	5180	Ant1	3.174	11	Pass
NVNT	a	5200	Ant1	4.299	11	Pass
NVNT	a	5240	Ant1	4.205	11	Pass
NVNT	ac20	5180	Ant1	2.507	11	Pass
NVNT	ac20	5200	Ant1	2.601	11	Pass
NVNT	ac20	5240	Ant1	2.726	11	Pass
NVNT	ac40	5190	Ant1	0.372	11	Pass
NVNT	ac40	5230	Ant1	0.484	11	Pass
NVNT	ac80	5210	Ant1	-2.699	11	Pass
NVNT	n20	5180	Ant1	2.815	11	Pass
NVNT	n20	5200	Ant1	2.758	11	Pass
NVNT	n20	5240	Ant1	2.987	11	Pass
NVNT	n40	5190	Ant1	0.312	11	Pass
NVNT	n40	5230	Ant1	-0.003	11	Pass

Test Graphs

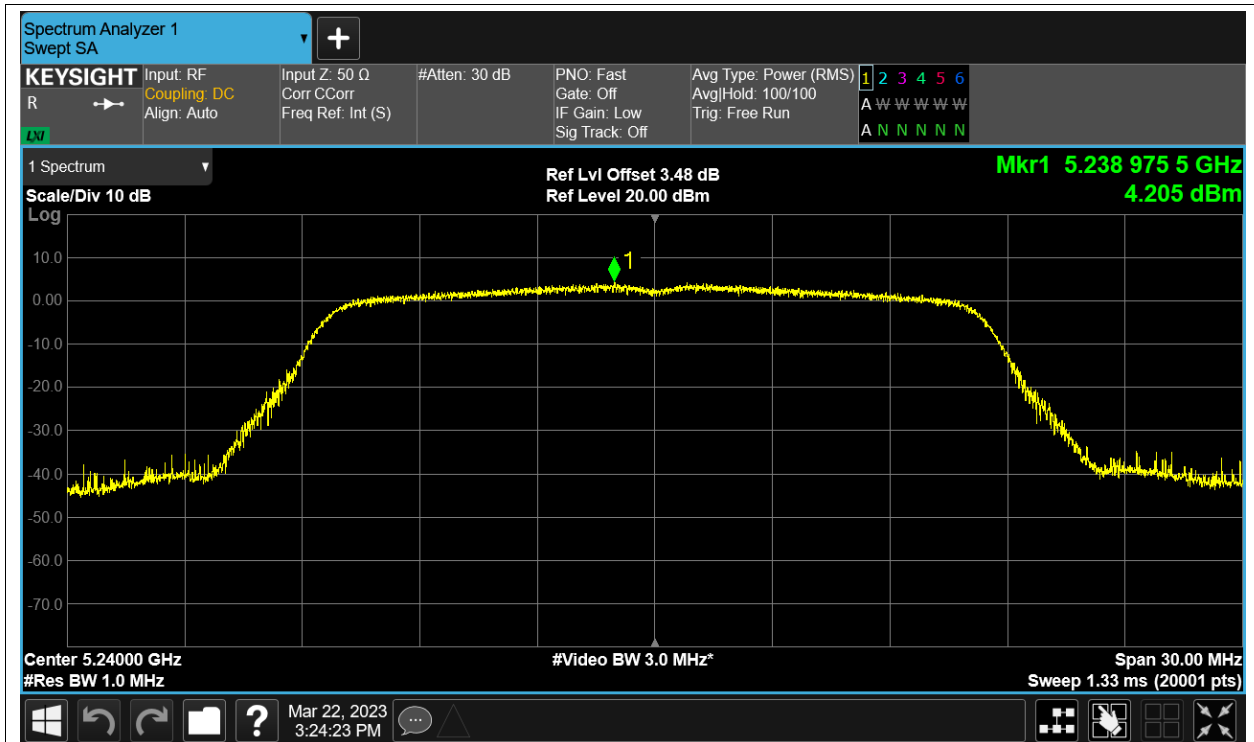
PSD NVNT a 5180MHz Ant1



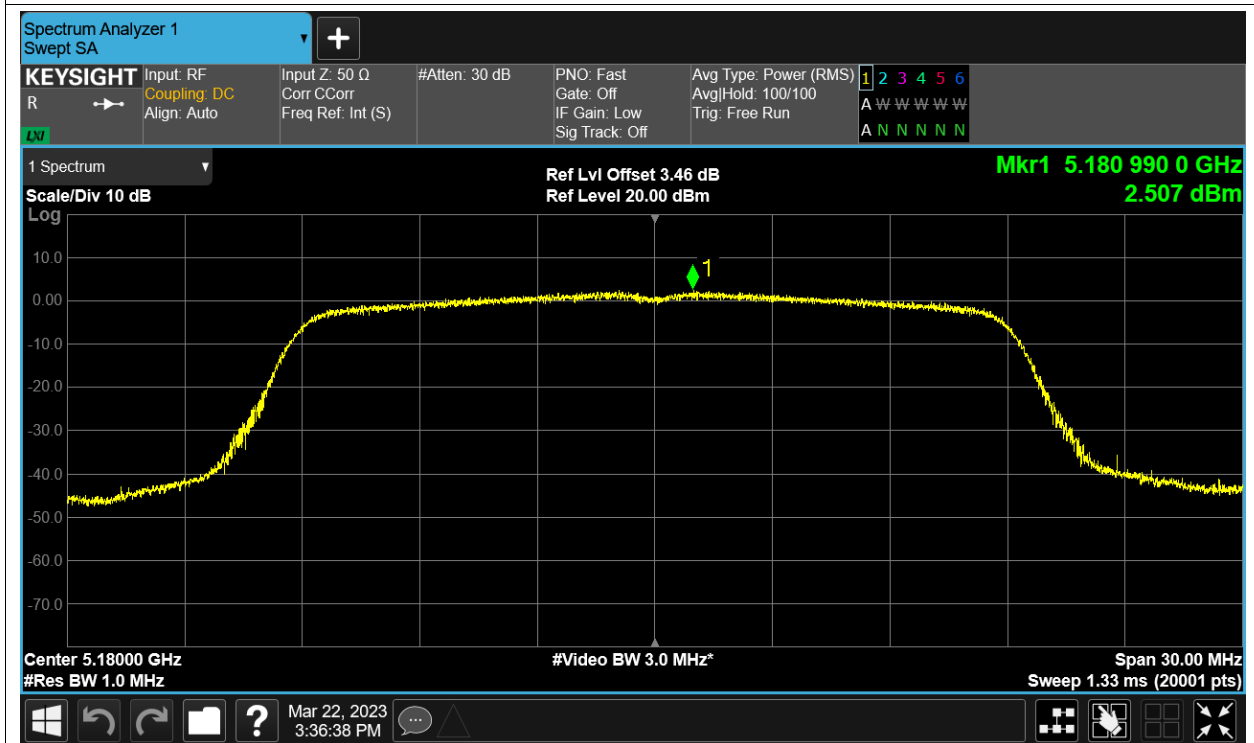
PSD NVNT a 5200MHz Ant1



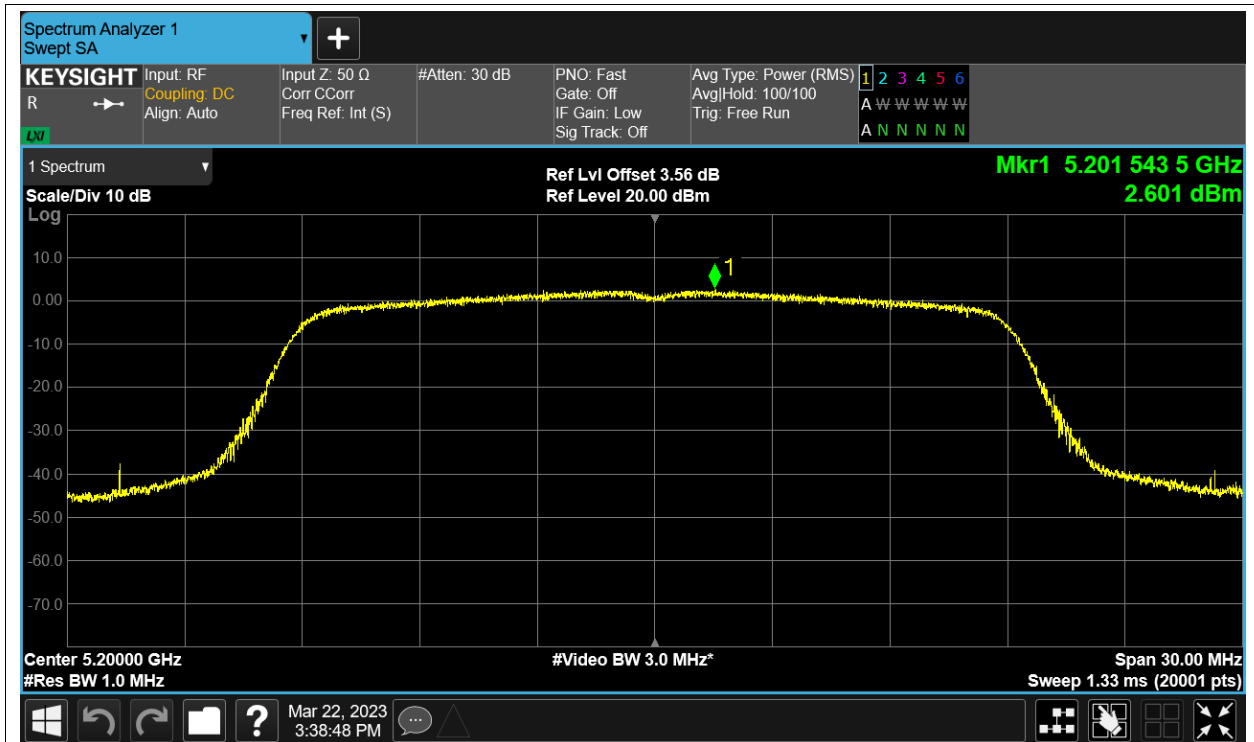
PSD NVNT a 5240MHz Ant1



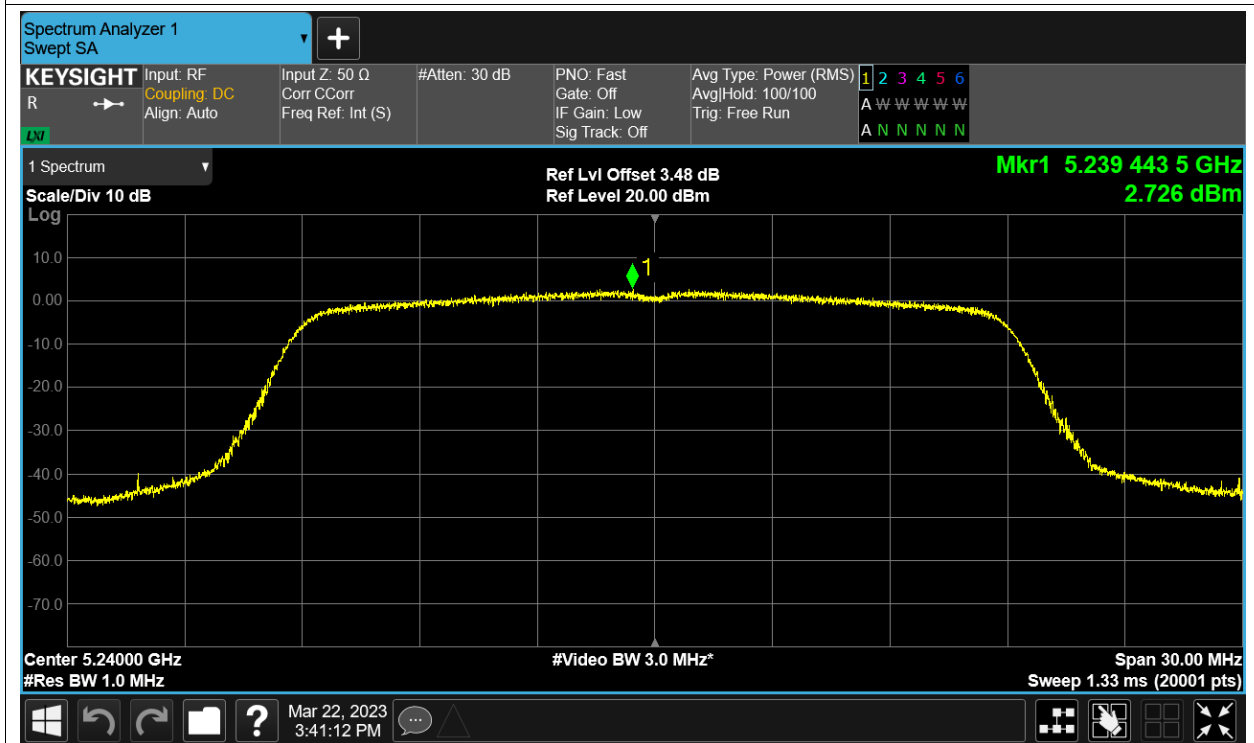
PSD NVNT ac20 5180MHz Ant1



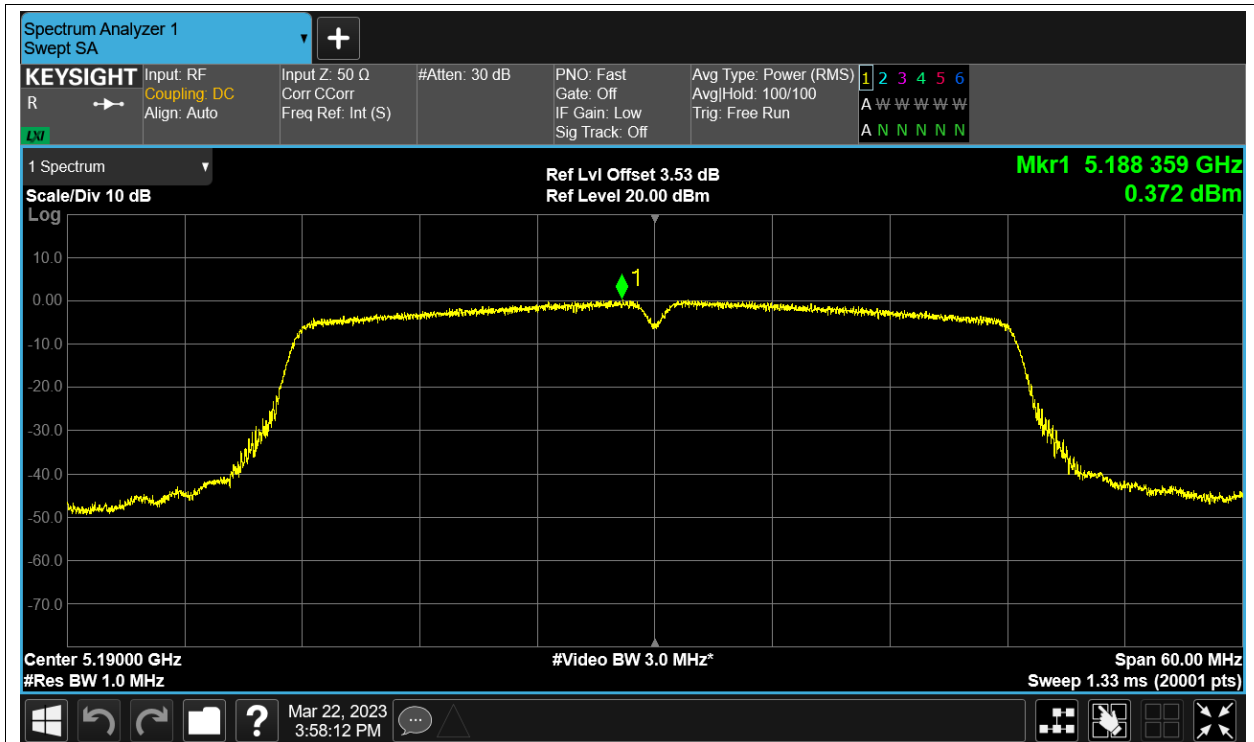
PSD NVNT ac20 5200MHz Ant1



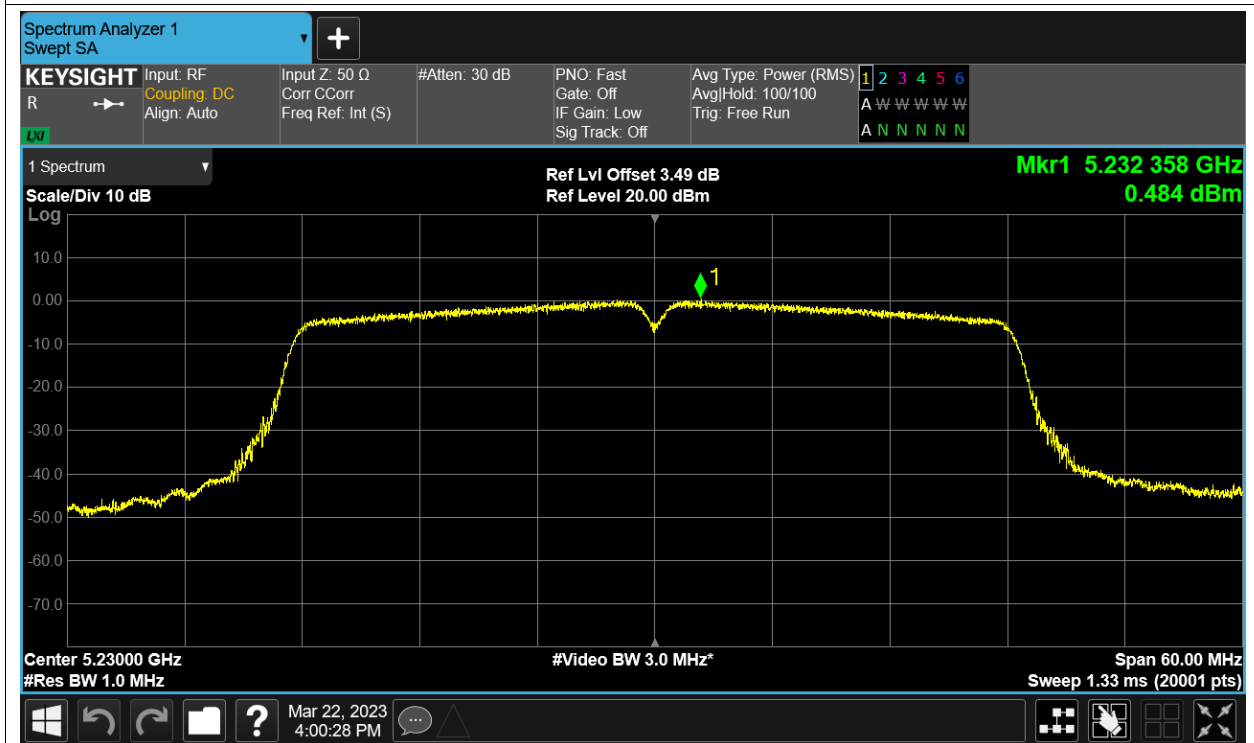
PSD NVNT ac20 5240MHz Ant1



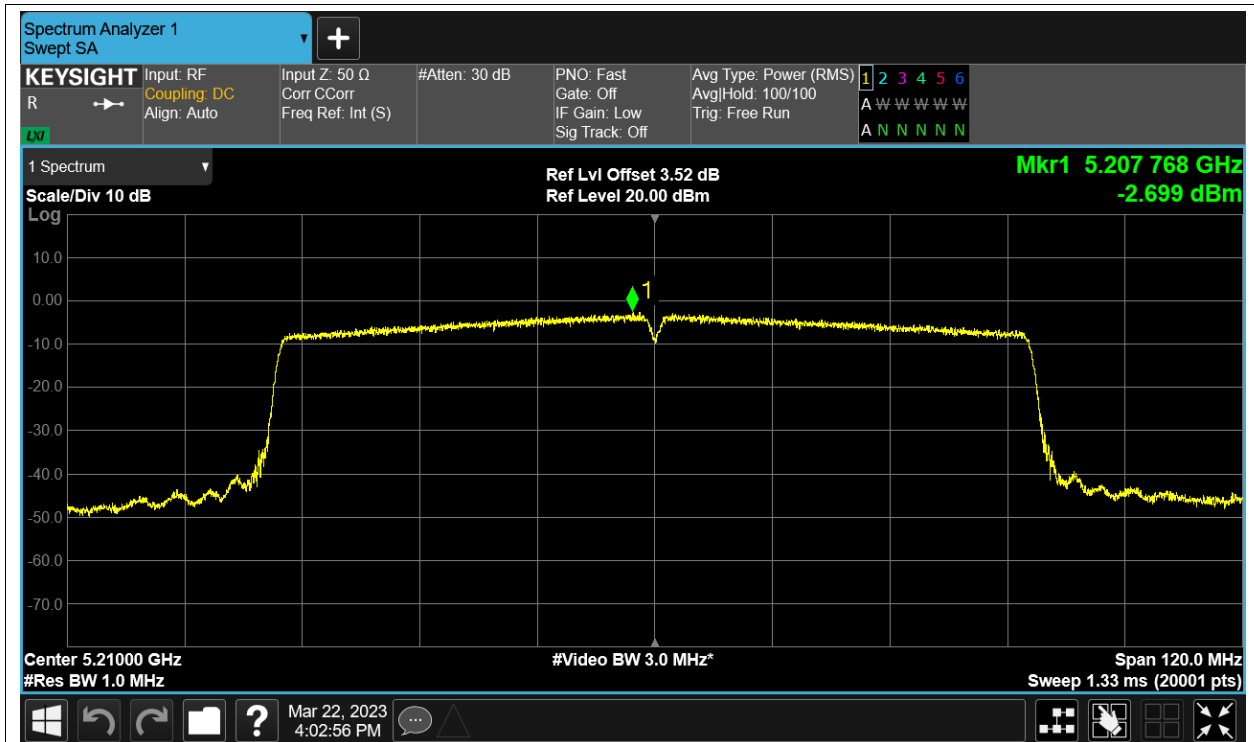
PSD NVNT ac40 5190MHz Ant1



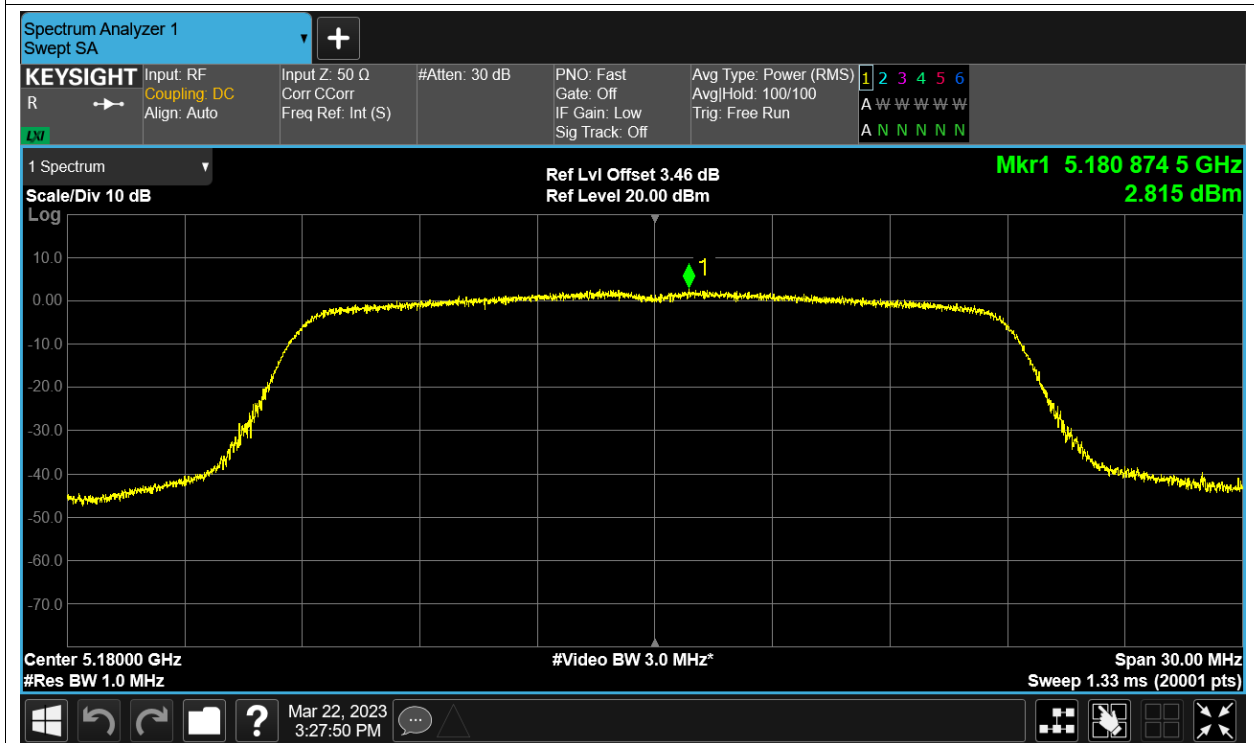
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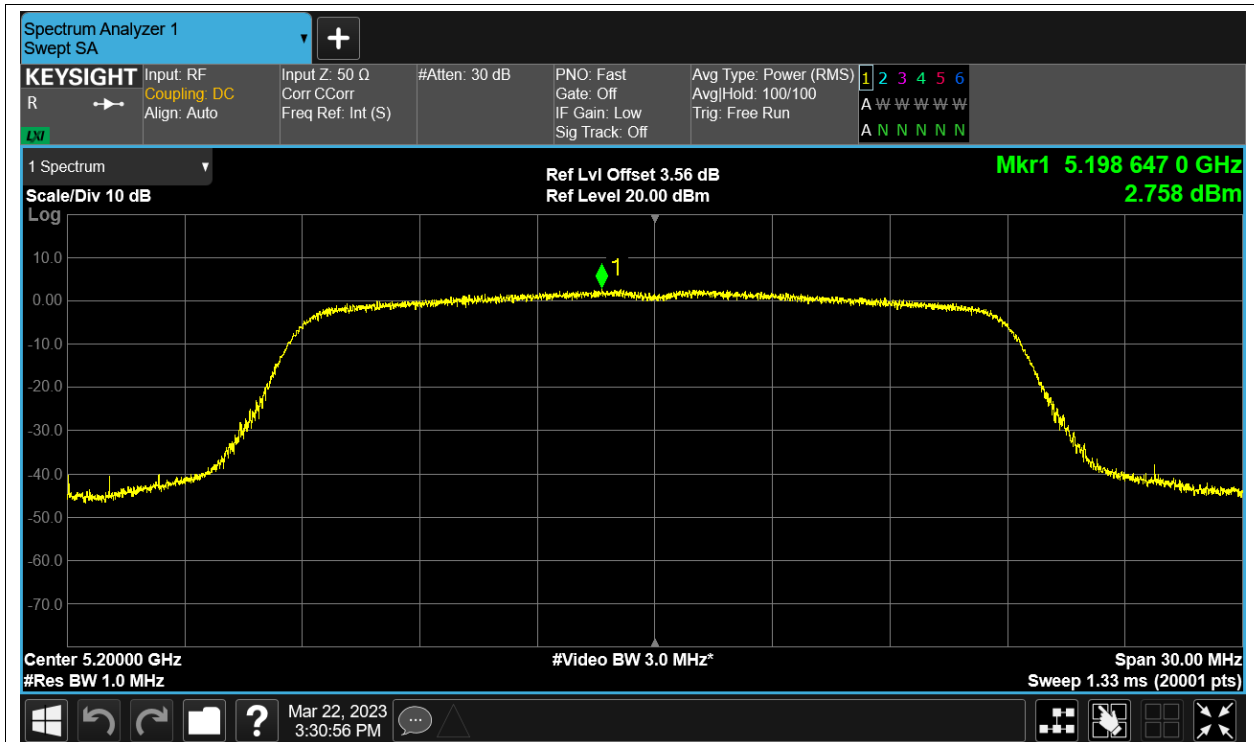
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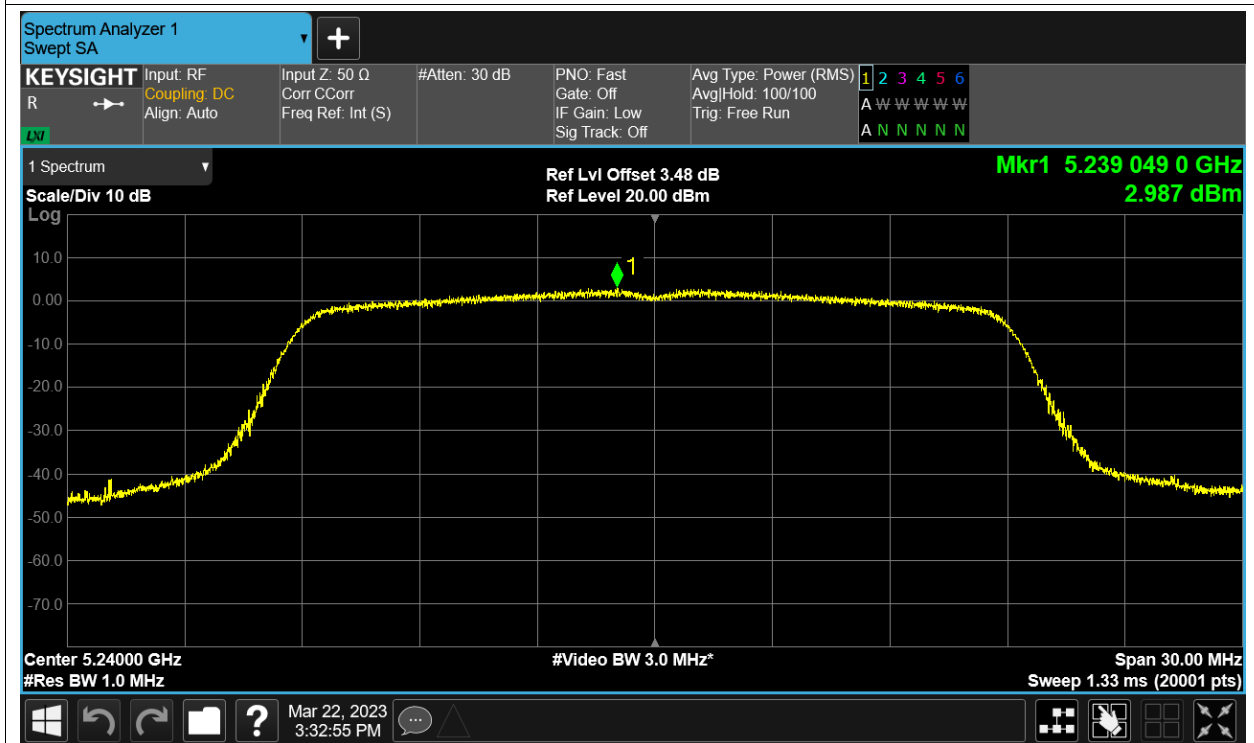
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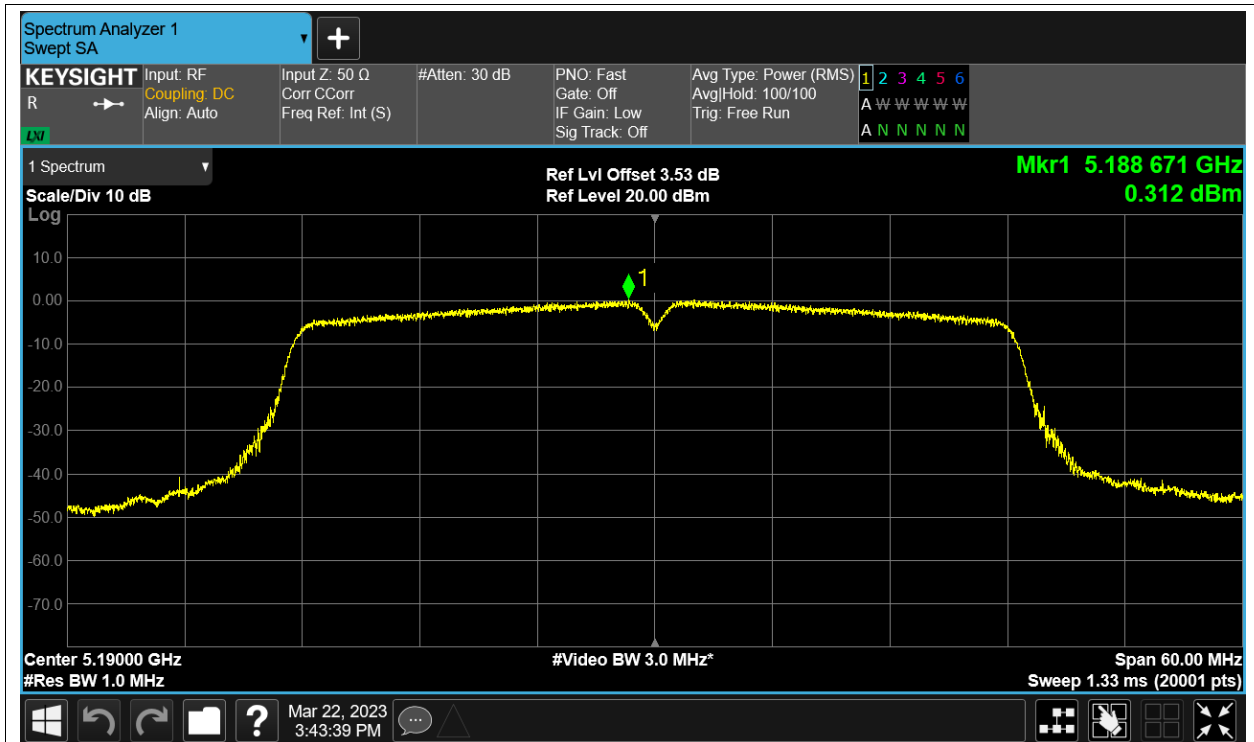
PSD NVNT n20 5200MHz Ant1



PSD NVNT n20 5240MHz Ant1



PSD NVNT n40 5190MHz Ant1



PSD NVNT n40 5230MHz Ant1

