

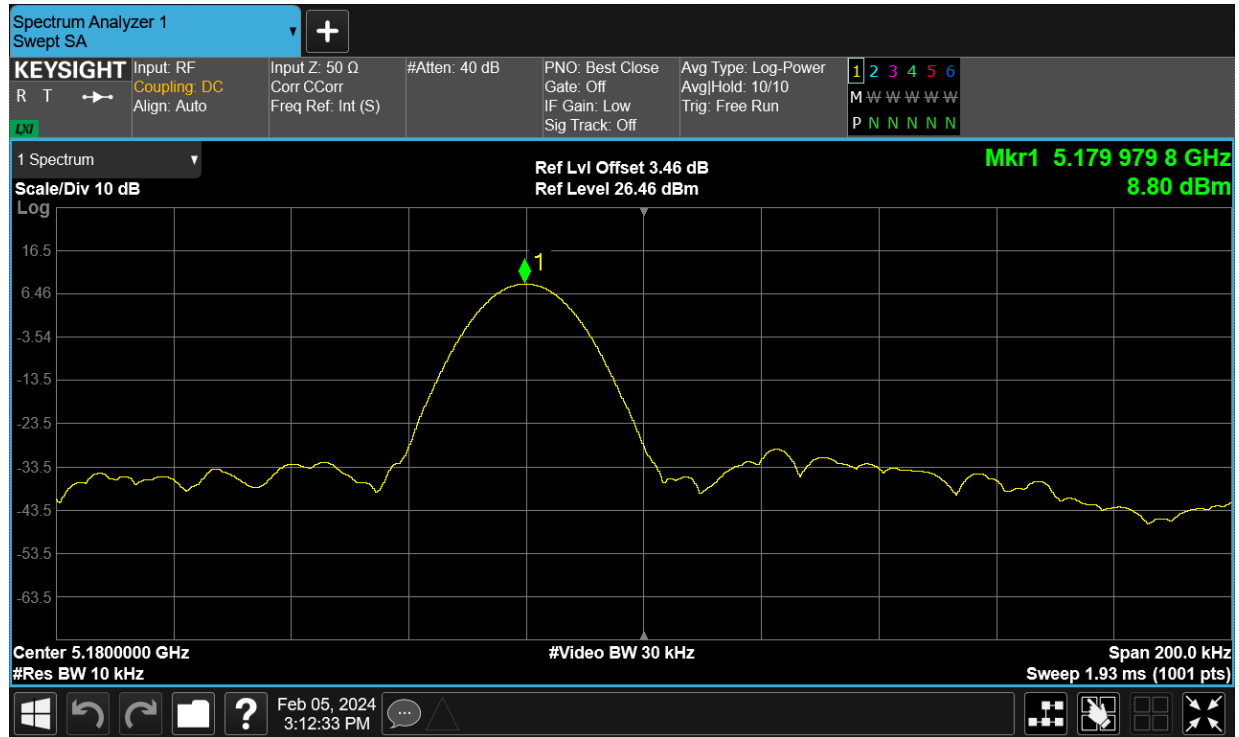
Test Data

Frequency Stability

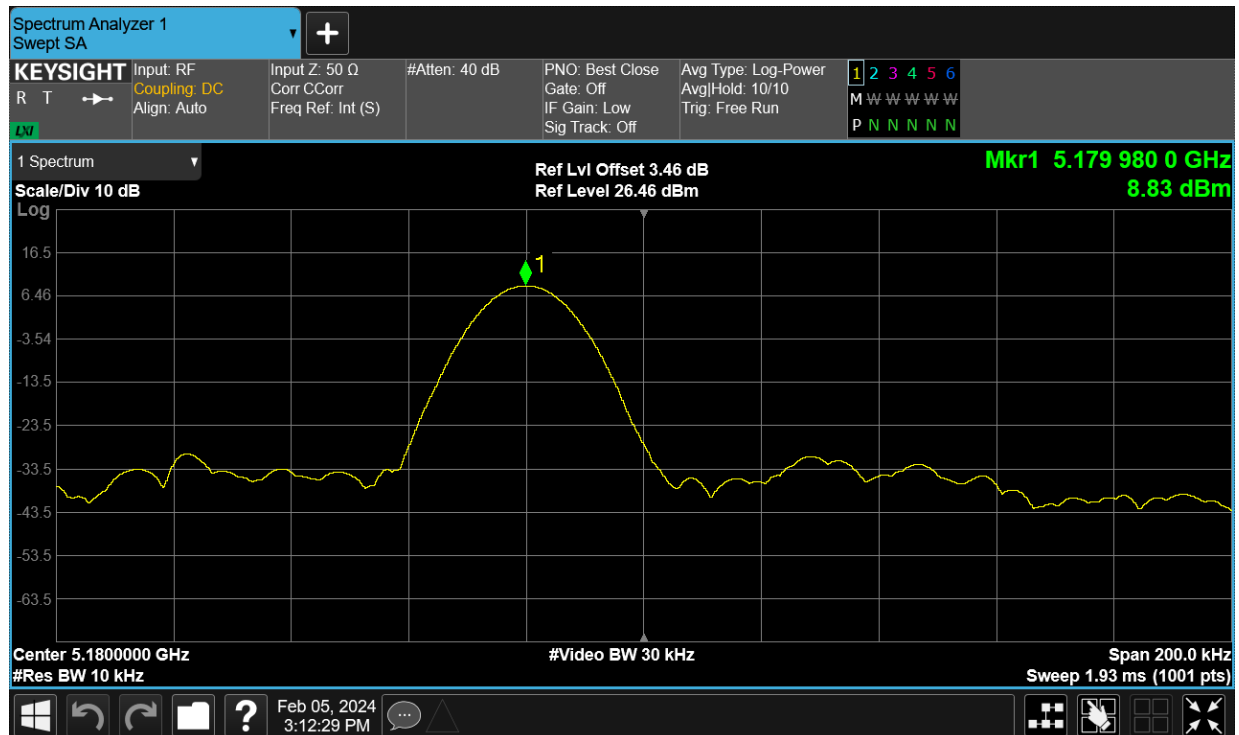
Condition	Mode	Frequency (MHz)	Antenna	Measured Frequency (MHz)	Deviation (ppm)	Limit (ppm)	Verdict
HVNT	a	5180	Ant1	5179.9798	-3.9	25	Pass
LVNT	a	5180	Ant1	5179.98	-3.86	25	Pass
NVHT	a	5180	Ant1	5179.98	-3.86	25	Pass
NVLT	a	5180	Ant1	5179.98	-3.86	25	Pass
NVNT	a	5180	Ant1	5179.9802	-3.82	25	Pass
HVNT	n40	5190	Ant1	5189.9756	-4.7	25	Pass
LVNT	n40	5190	Ant1	5189.9756	-4.7	25	Pass
NVHT	n40	5190	Ant1	5189.9754	-4.74	25	Pass
NVLT	n40	5190	Ant1	5189.9754	-4.74	25	Pass
NVNT	n40	5190	Ant1	5189.9754	-4.74	25	Pass

Test Graphs

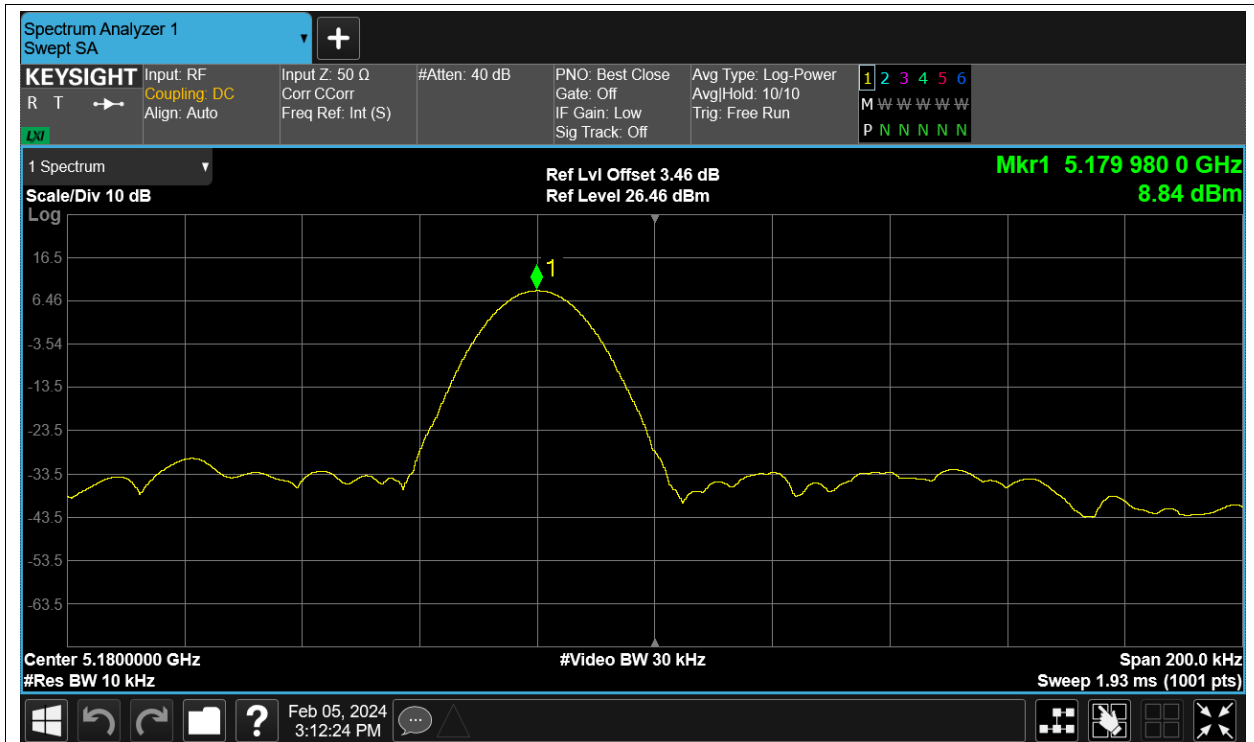
Freq. Stability HVNT a 5180MHz Ant1



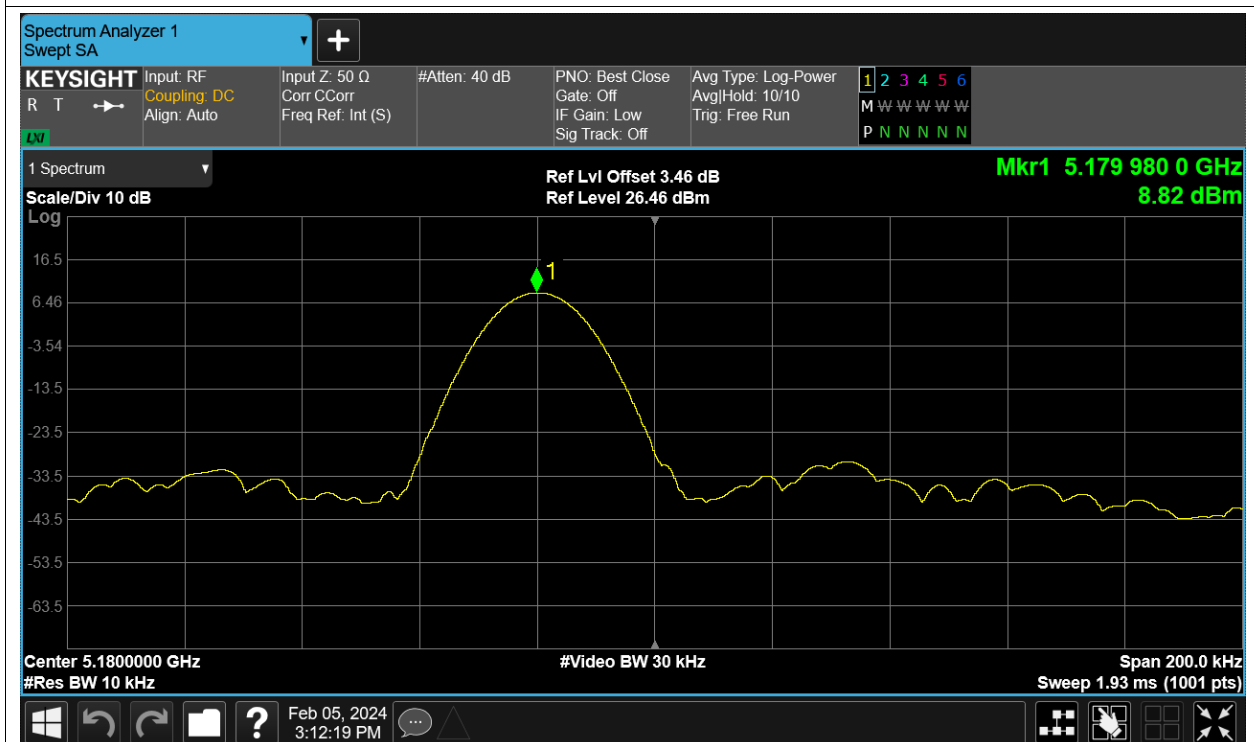
Freq. Stability LVNT a 5180MHz Ant1



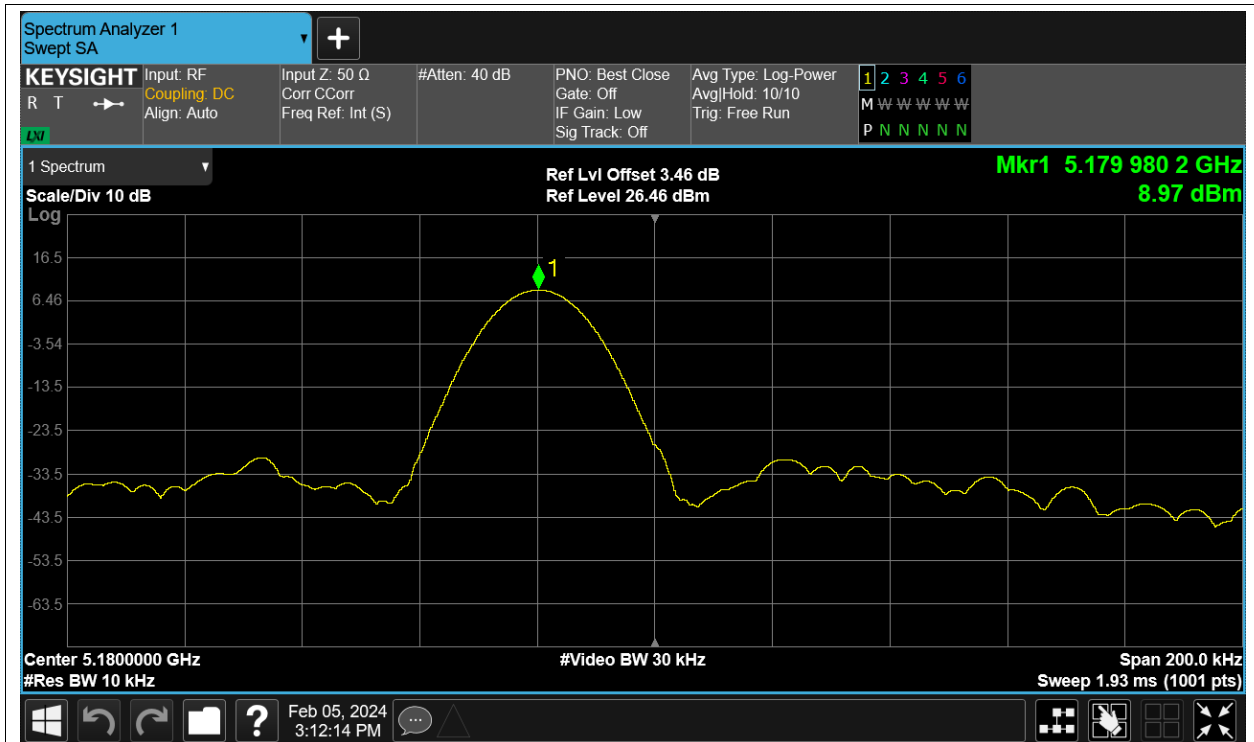
Freq. Stability NVHT a 5180MHz Ant1



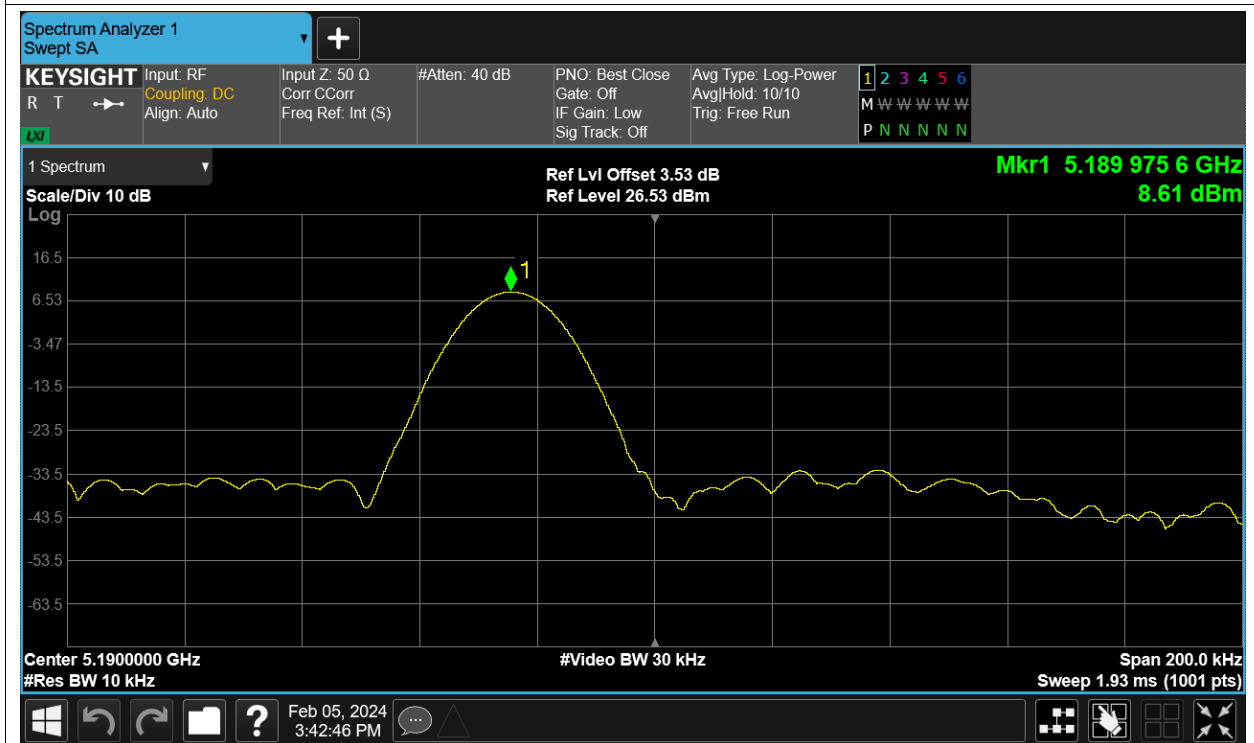
Freq. Stability NVLT a 5180MHz Ant1



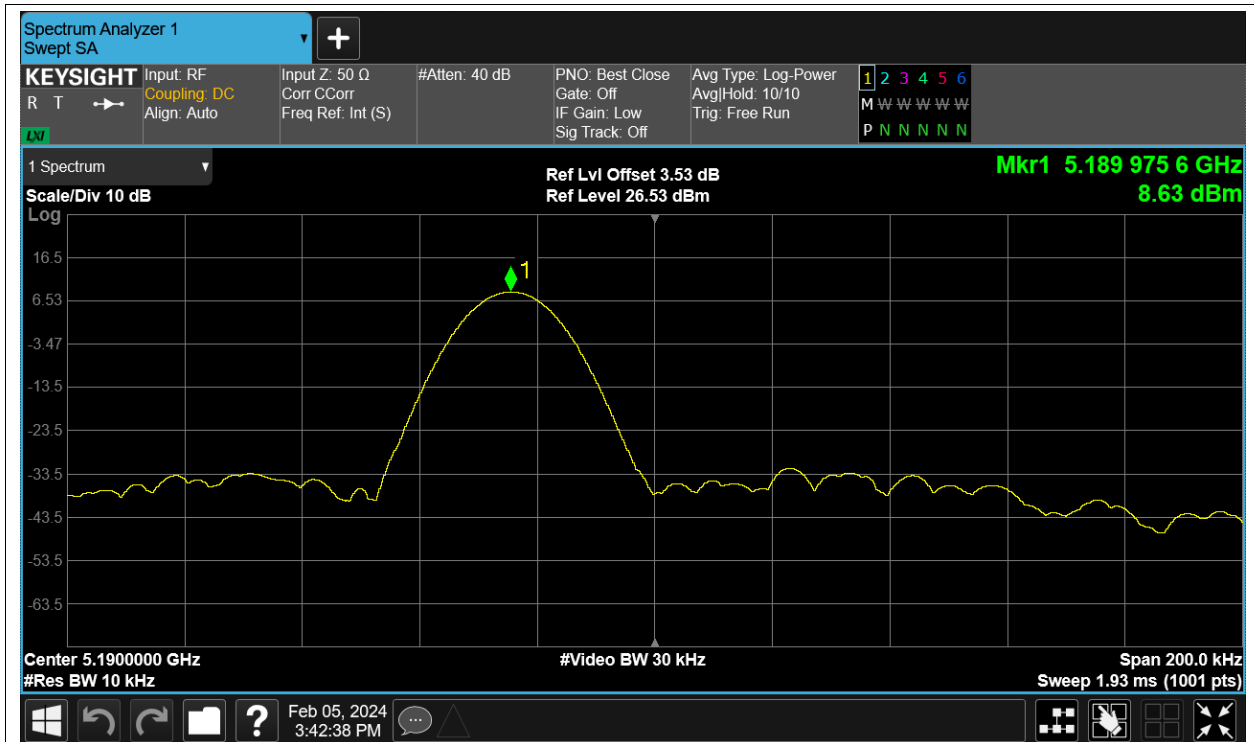
Freq. Stability NVNT a 5180MHz Ant1



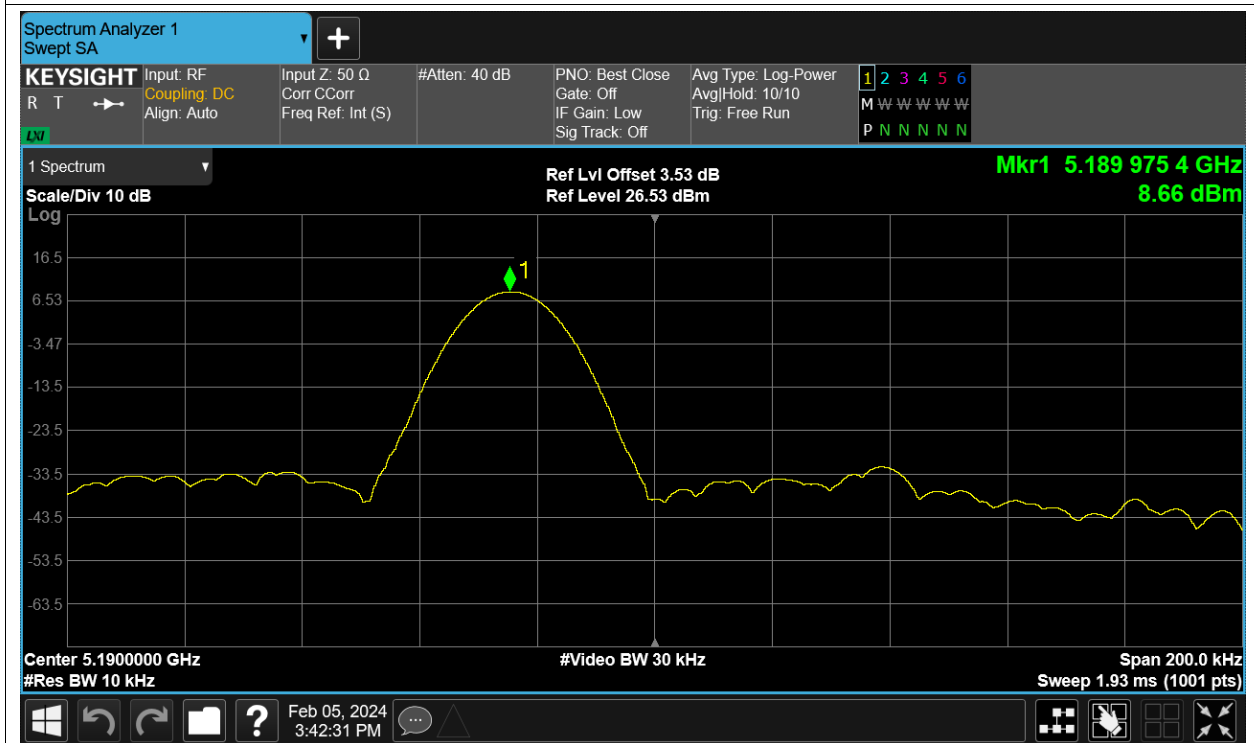
Freq. Stability HVNT n40 5190MHz Ant1



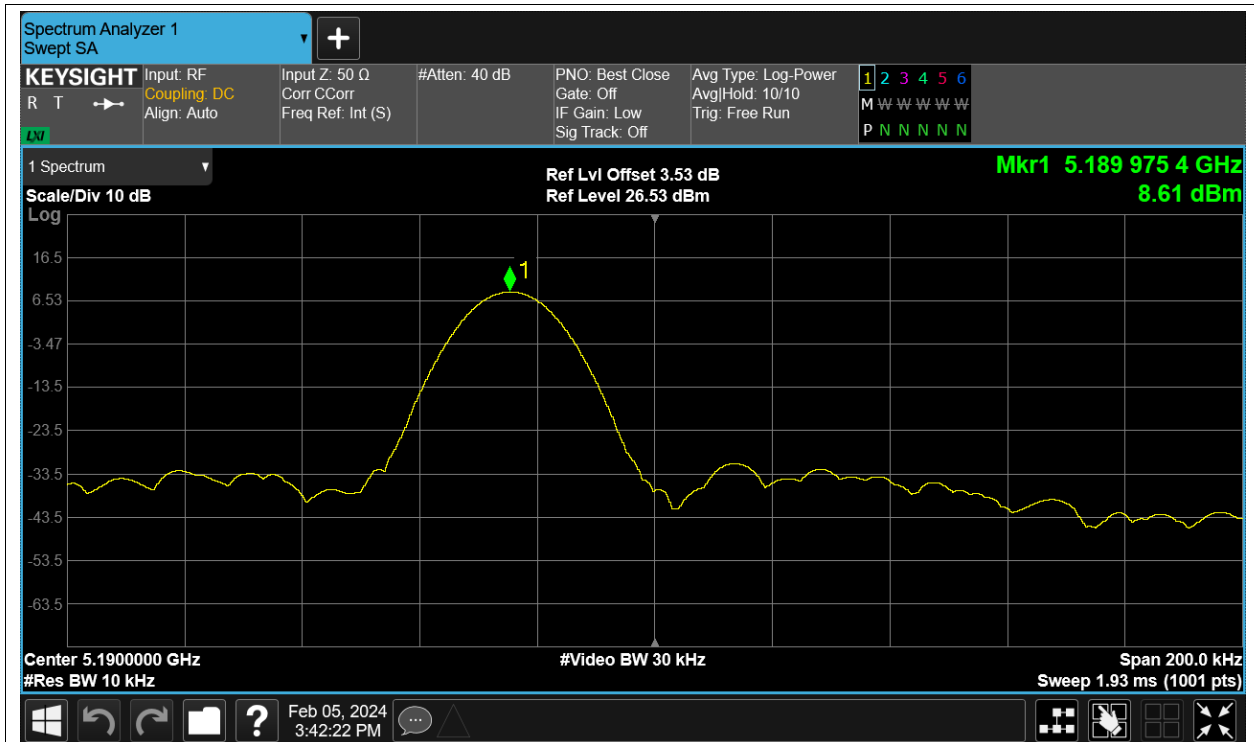
Freq. Stability LVNT n40 5190MHz Ant1



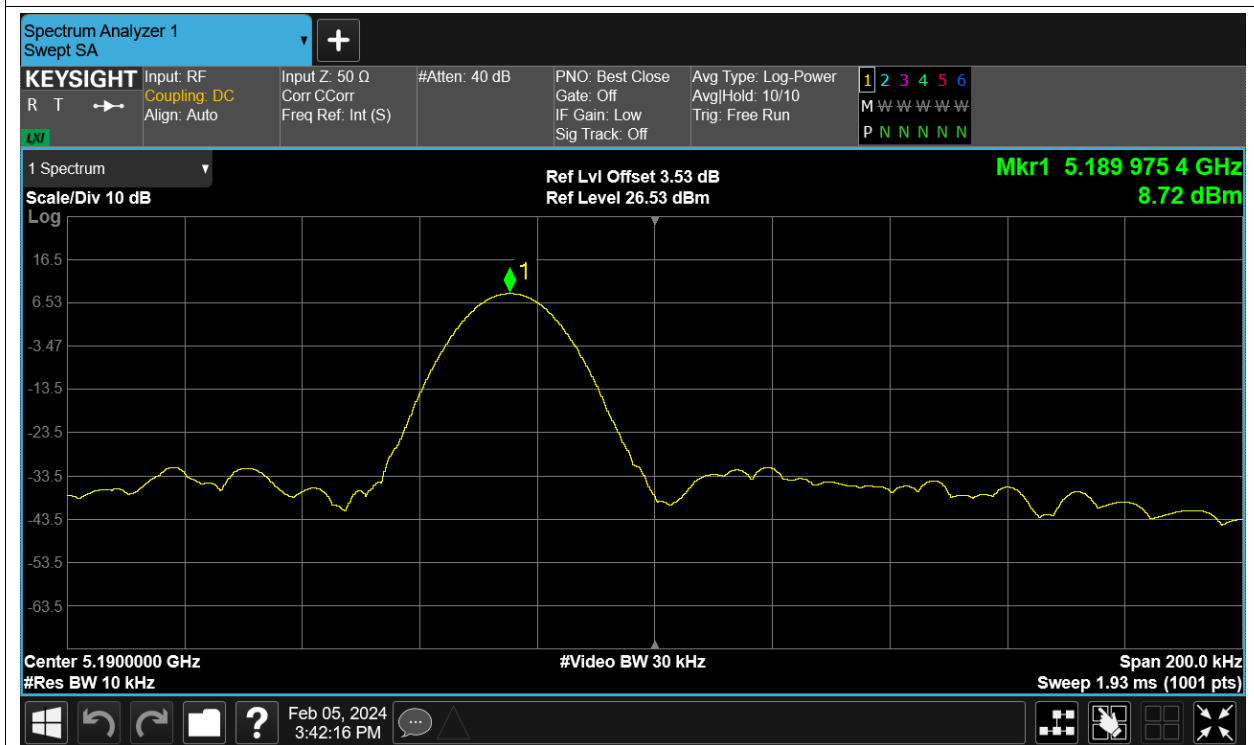
Freq. Stability NVHT n40 5190MHz Ant1



Freq. Stability NVLT n40 5190MHz Ant1



Freq. Stability NVNT n40 5190MHz Ant1

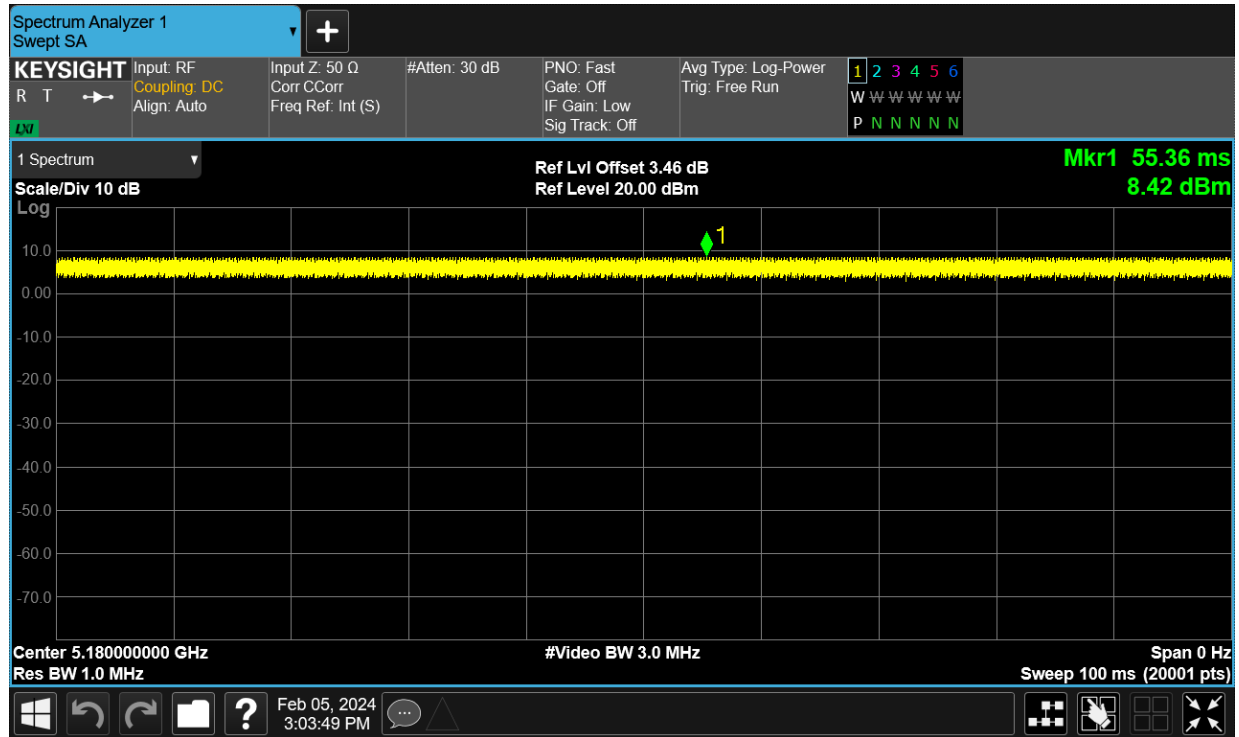


Duty Cycle

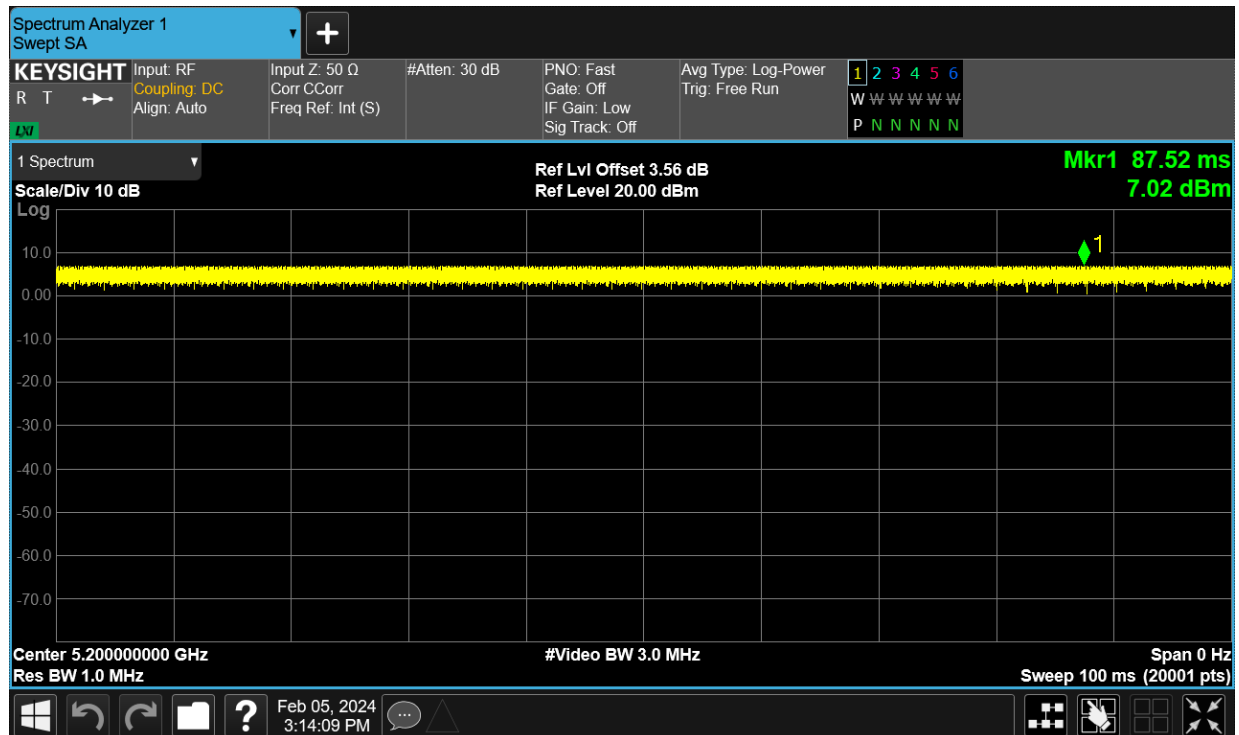
Condition	Mode	Frequency (MHz)	Antenna	Duty Cycle (%)	Correction Factor (dB)
NVNT	a	5180	Ant1	100	0
NVNT	a	5200	Ant1	100	0
NVNT	a	5240	Ant1	100	0
NVNT	ac20	5180	Ant1	100	0
NVNT	ac20	5200	Ant1	100	0
NVNT	ac20	5240	Ant1	100	0
NVNT	ac40	5190	Ant1	100	0
NVNT	ac40	5230	Ant1	100	0
NVNT	n20	5180	Ant1	100	0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

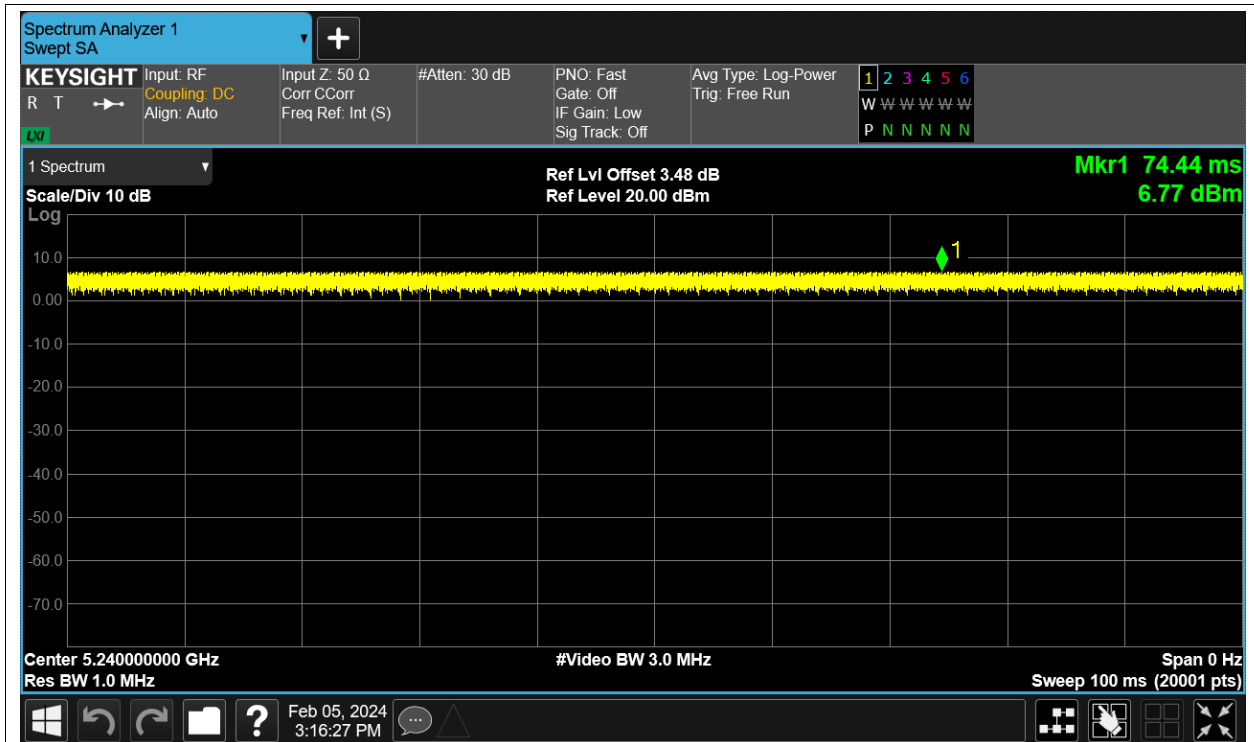
Duty Cycle NVNT a 5180MHz Ant1



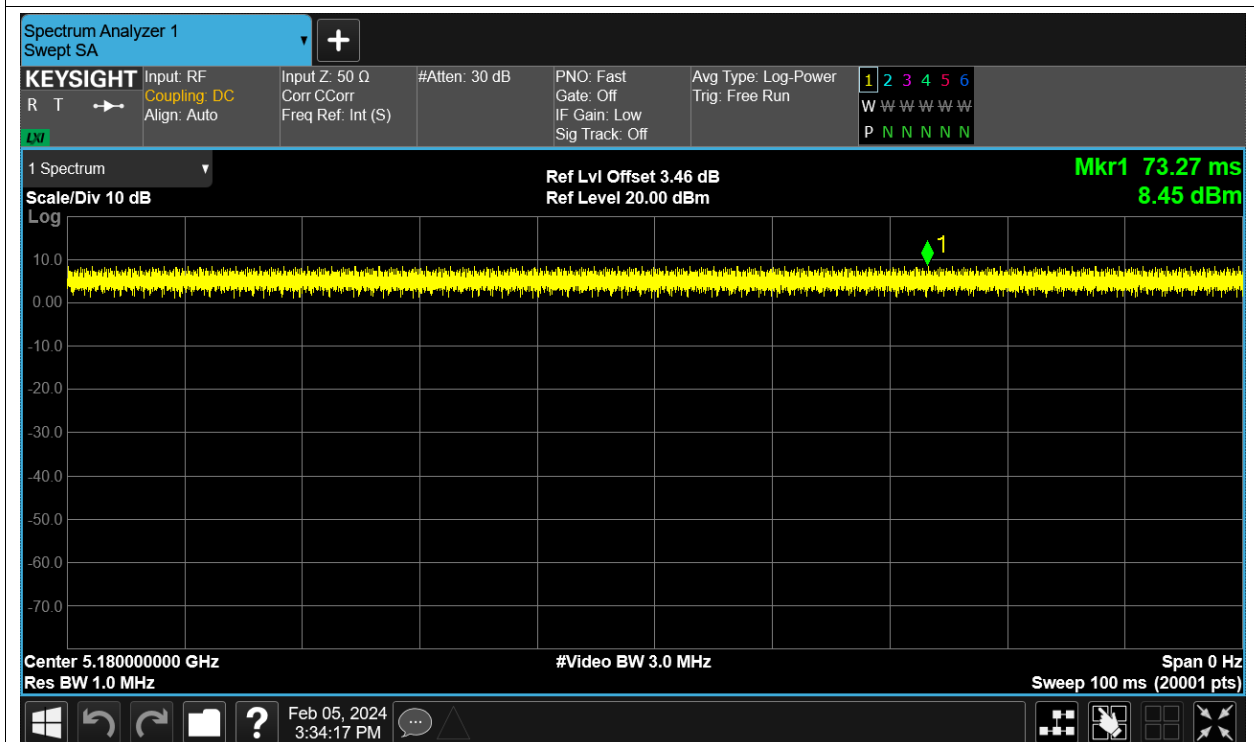
Duty Cycle NVNT a 5200MHz Ant1



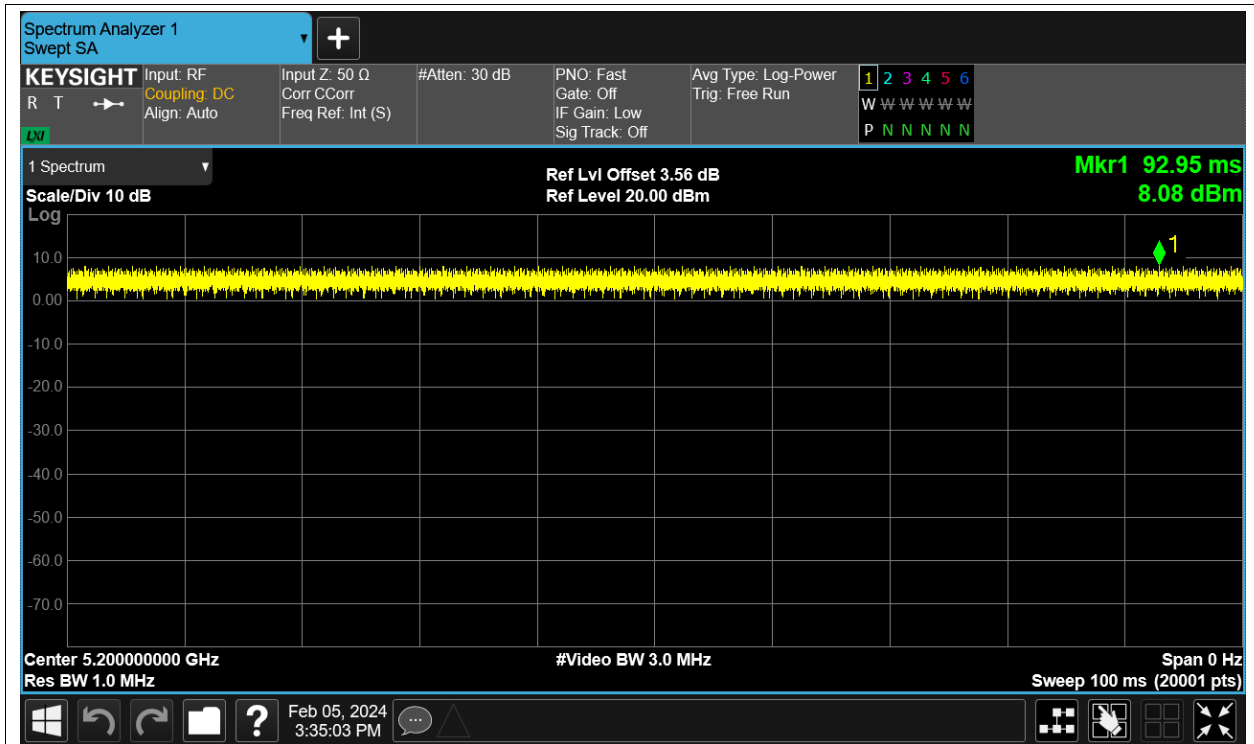
Duty Cycle NVNT a 5240MHz Ant1



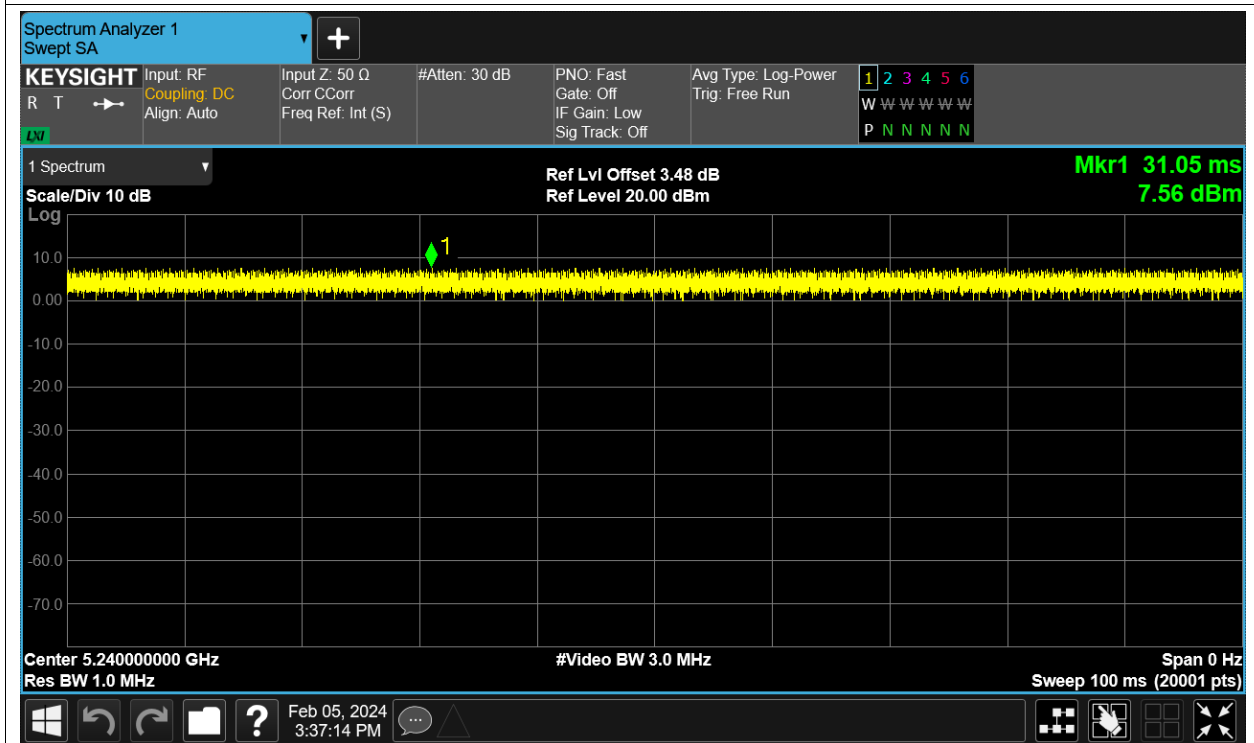
Duty Cycle NVNT ac20 5180MHz Ant1



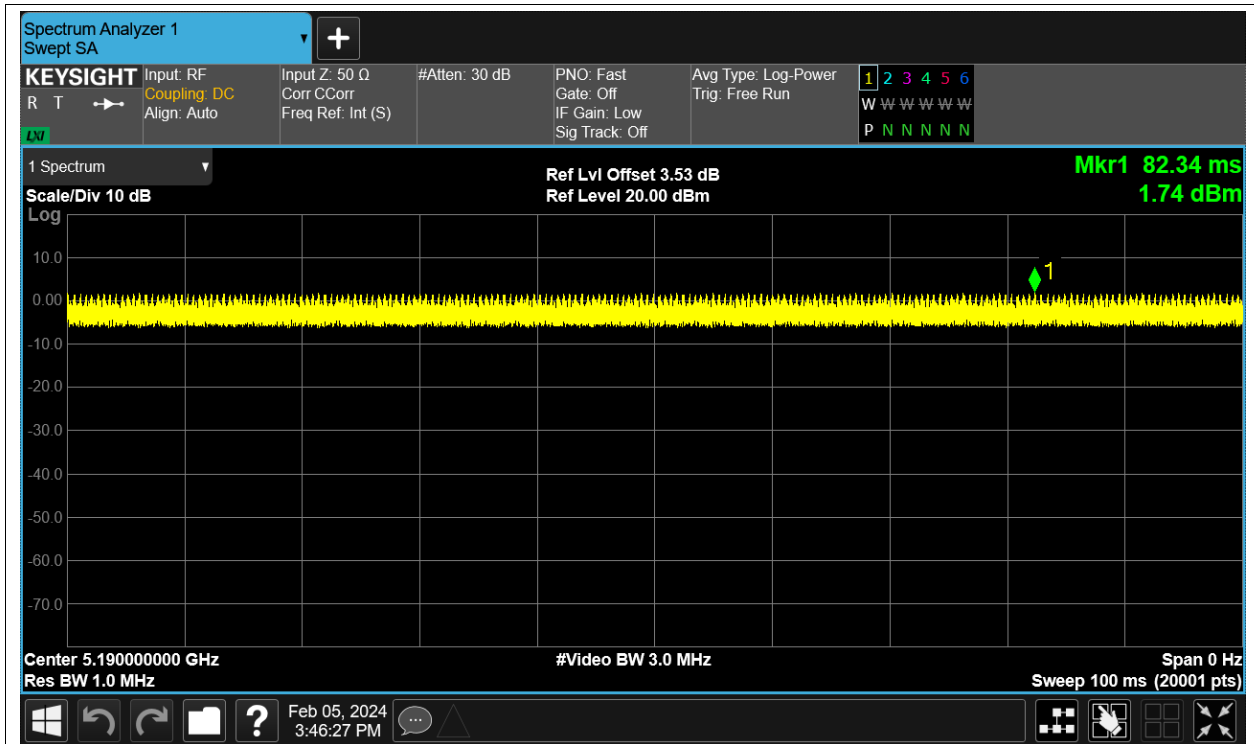
Duty Cycle NVNT ac20 5200MHz Ant1



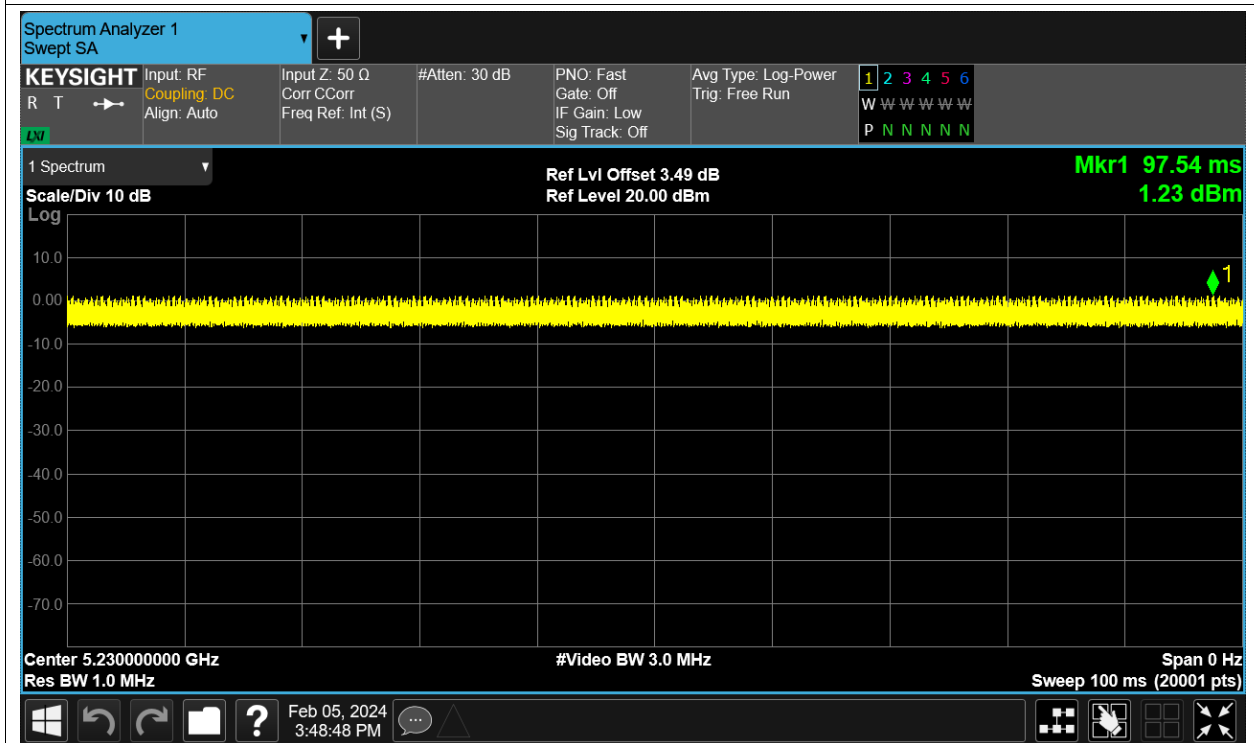
Duty Cycle NVNT ac20 5240MHz Ant1



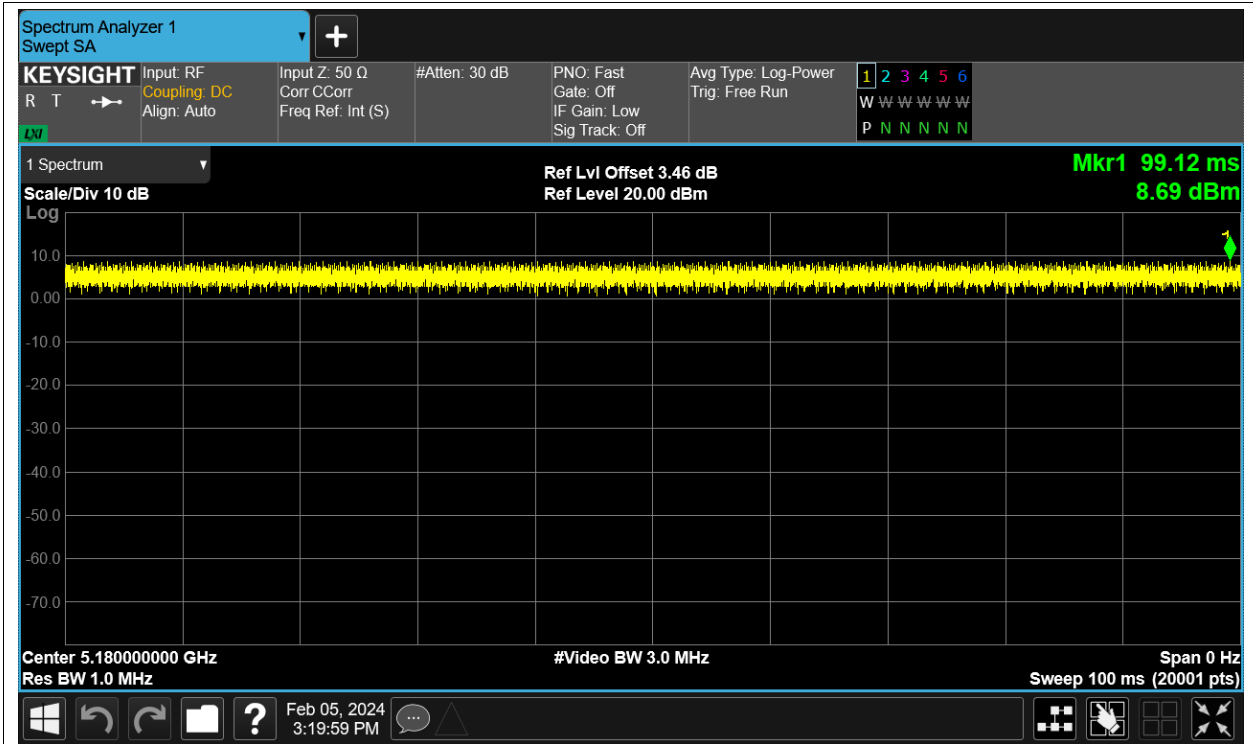
Duty Cycle NVNT ac40 5190MHz Ant1



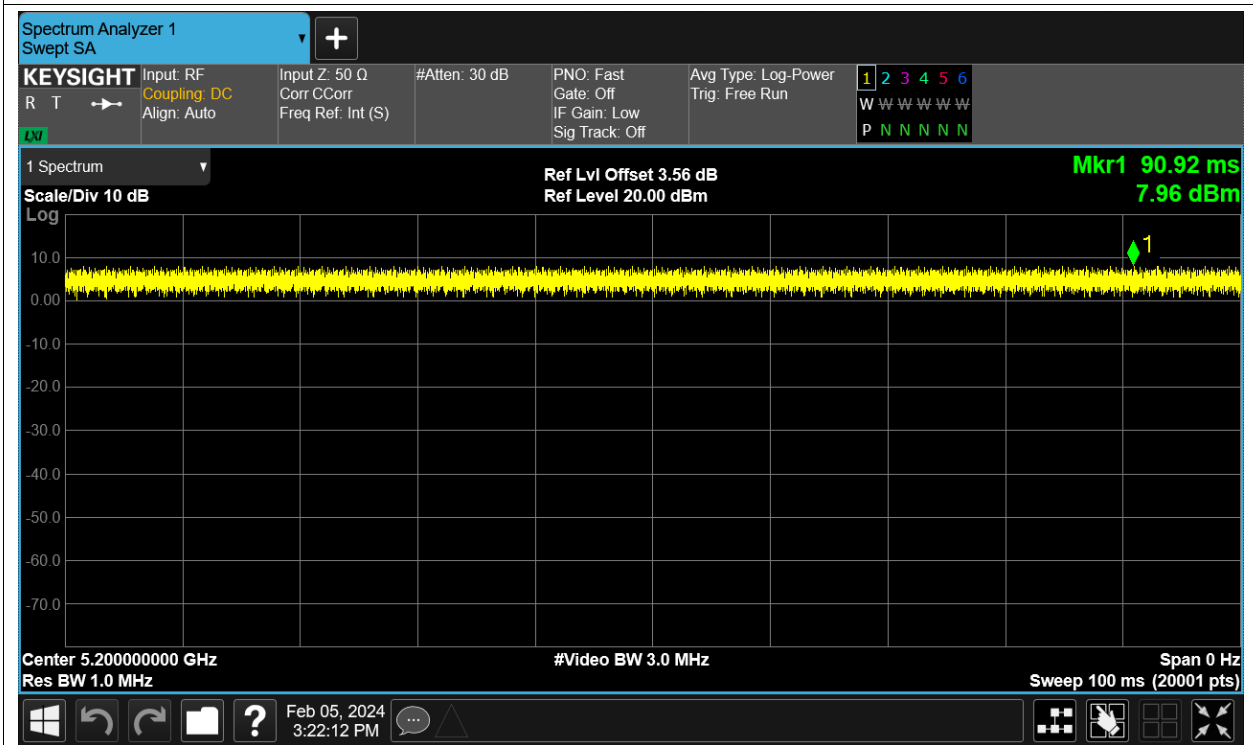
Duty Cycle NVNT ac40 5230MHz Ant1



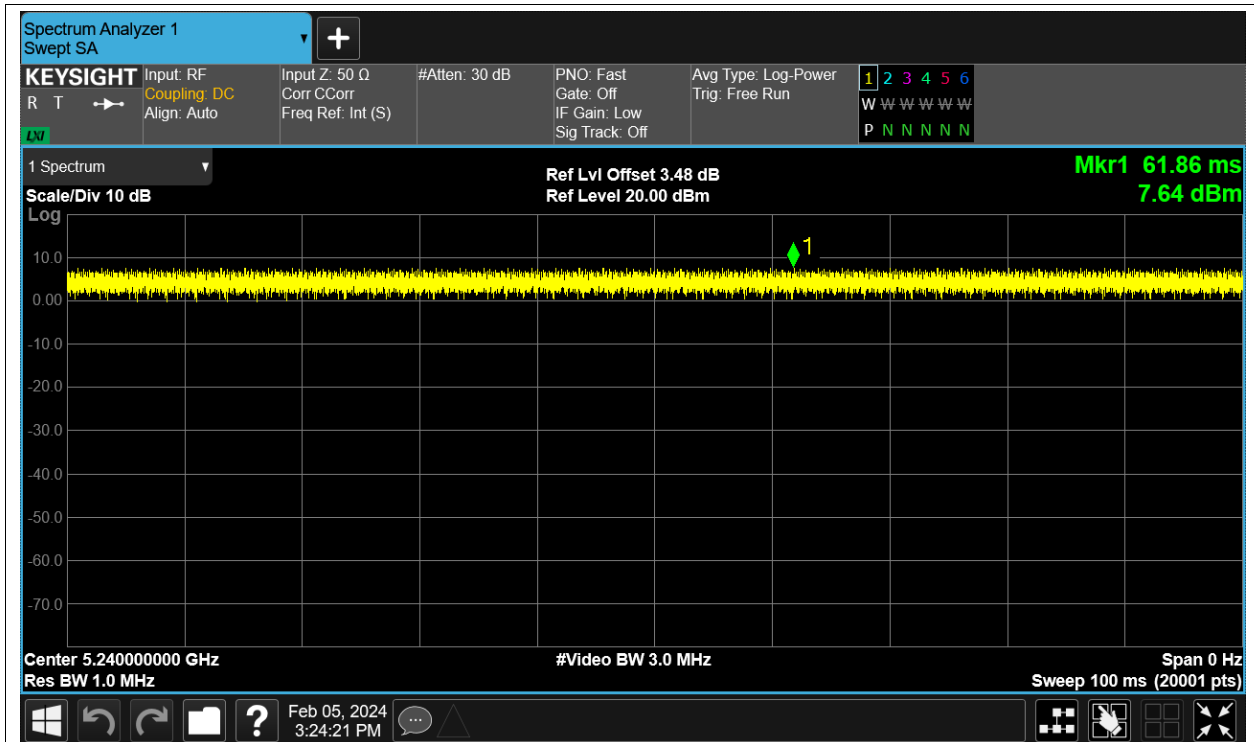
Duty Cycle NVNT n20 5180MHz Ant1



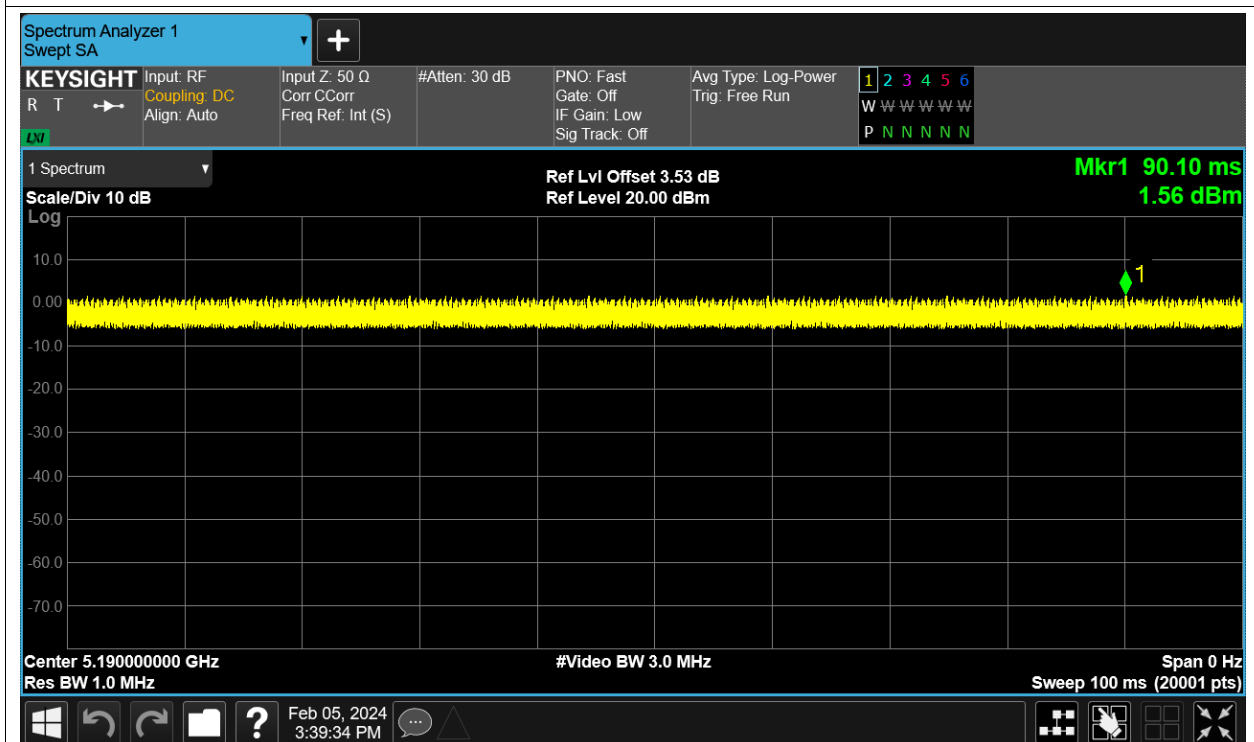
Duty Cycle NVNT n20 5200MHz Ant1



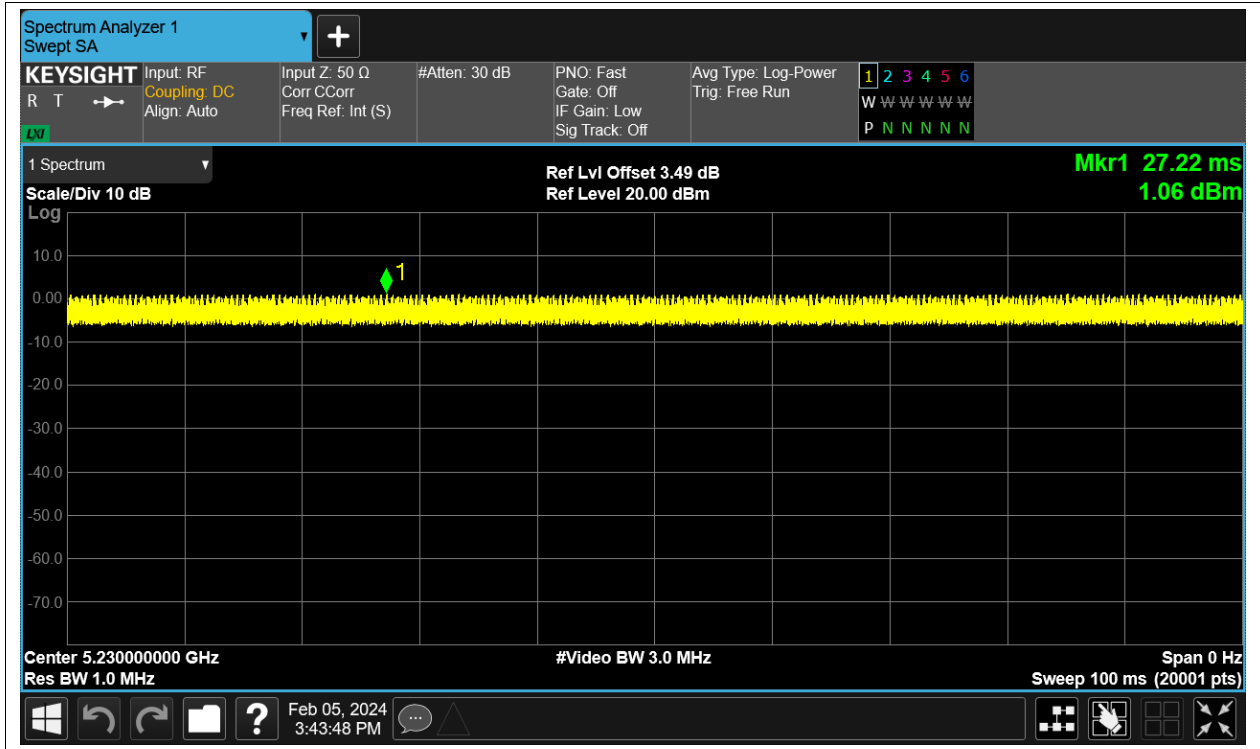
Duty Cycle NVNT n20 5240MHz Ant1



Duty Cycle NVNT n40 5190MHz Ant1



Duty Cycle NVNT n40 5230MHz Ant1



Maximum Conducted Output Power

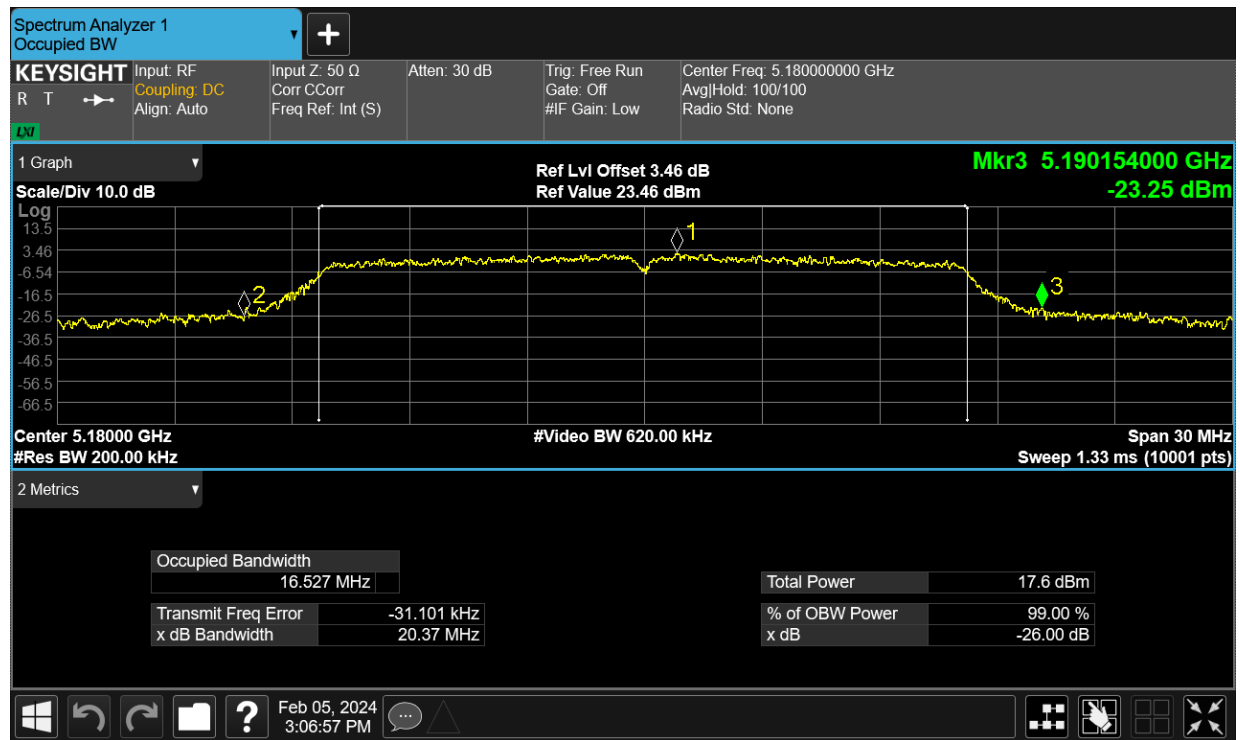
Condition	Mode	Frequency (MHz)	Antenna	Conducted Power (dBm)	Duty Factor (dB)	Total Power (dBm)	Limit (dBm)	Verdict
NVNT	a	5180	Ant1	13.89	0	13.89	24	Pass
NVNT	a	5200	Ant1	12.04	0	12.04	24	Pass
NVNT	a	5240	Ant1	12.91	0	12.91	24	Pass
NVNT	ac20	5180	Ant1	13.15	0	13.15	24	Pass
NVNT	ac20	5200	Ant1	12.08	0	12.08	24	Pass
NVNT	ac20	5240	Ant1	12.74	0	12.74	24	Pass
NVNT	ac40	5190	Ant1	12.31	0	12.31	24	Pass
NVNT	ac40	5230	Ant1	12.68	0	12.68	24	Pass
NVNT	n20	5180	Ant1	13.27	0	13.27	24	Pass
NVNT	n20	5200	Ant1	12.1	0	12.1	24	Pass
NVNT	n20	5240	Ant1	12.81	0	12.81	24	Pass
NVNT	n40	5190	Ant1	12.33	0	12.33	24	Pass
NVNT	n40	5230	Ant1	12.56	0	12.56	24	Pass

-26dB Bandwidth

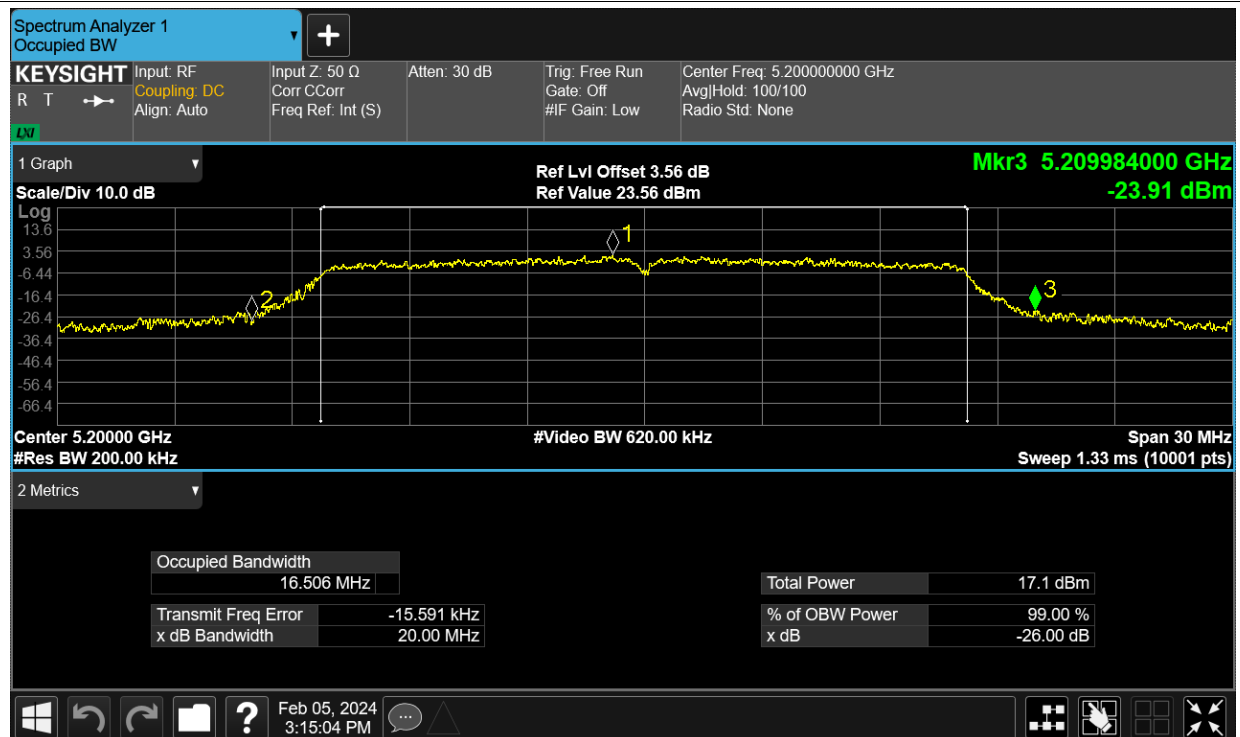
Condition	Mode	Frequency (MHz)	Antenna	-26 dB Bandwidth (MHz)
NVNT	a	5180	Ant1	20.371
NVNT	a	5200	Ant1	19.999
NVNT	a	5240	Ant1	24.194
NVNT	ac20	5180	Ant1	25.866
NVNT	ac20	5200	Ant1	21.701
NVNT	ac20	5240	Ant1	21.819
NVNT	ac40	5190	Ant1	42.575
NVNT	ac40	5230	Ant1	45.384
NVNT	n20	5180	Ant1	21.969
NVNT	n20	5200	Ant1	21.653
NVNT	n20	5240	Ant1	24.466
NVNT	n40	5190	Ant1	42.152
NVNT	n40	5230	Ant1	42.1

Test Graphs

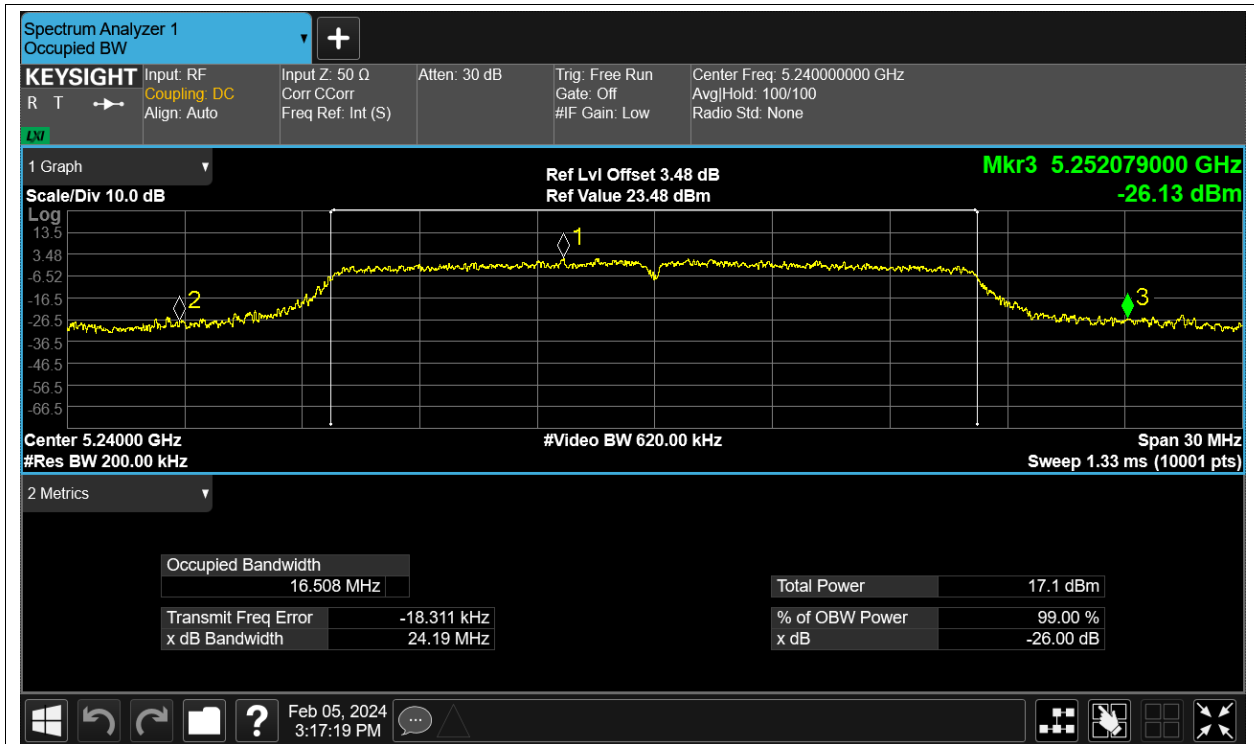
-26dB Bandwidth NVNT a 5180MHz Ant1



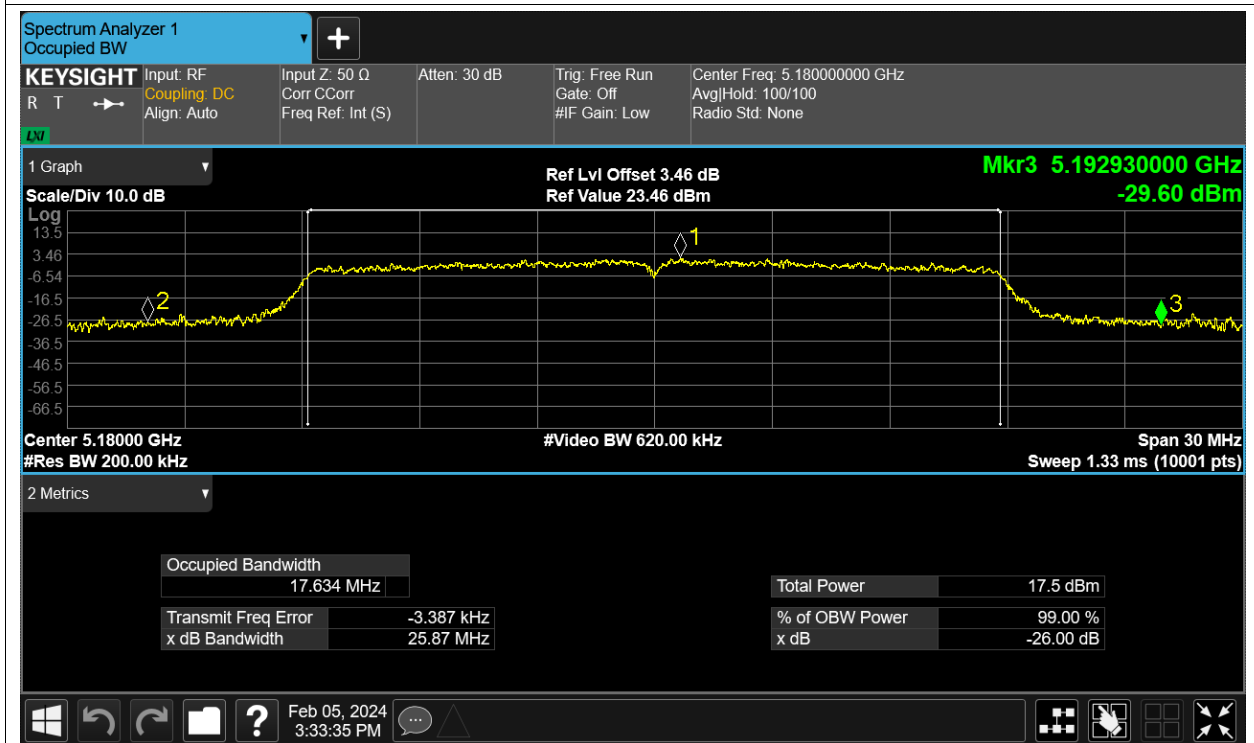
-26dB Bandwidth NVNT a 5200MHz Ant1



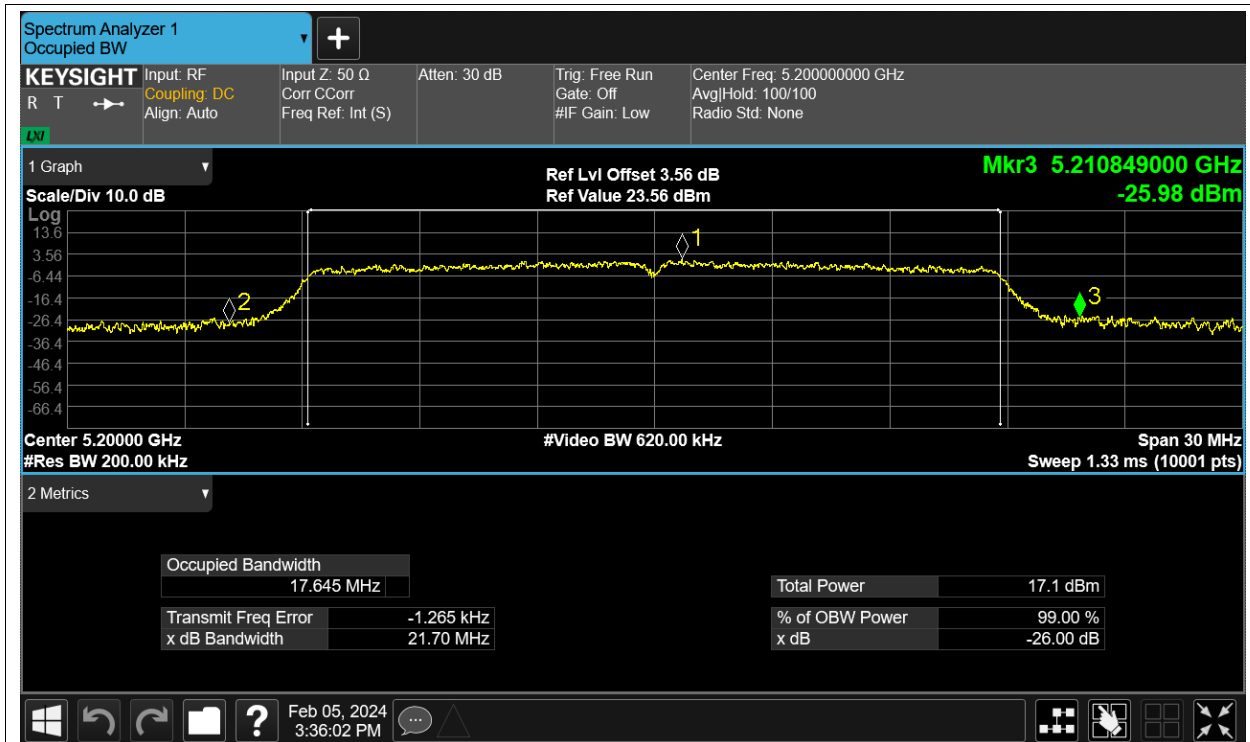
-26dB Bandwidth NVNT a 5240MHz Ant1



-26dB Bandwidth NVNT ac20 5180MHz Ant1



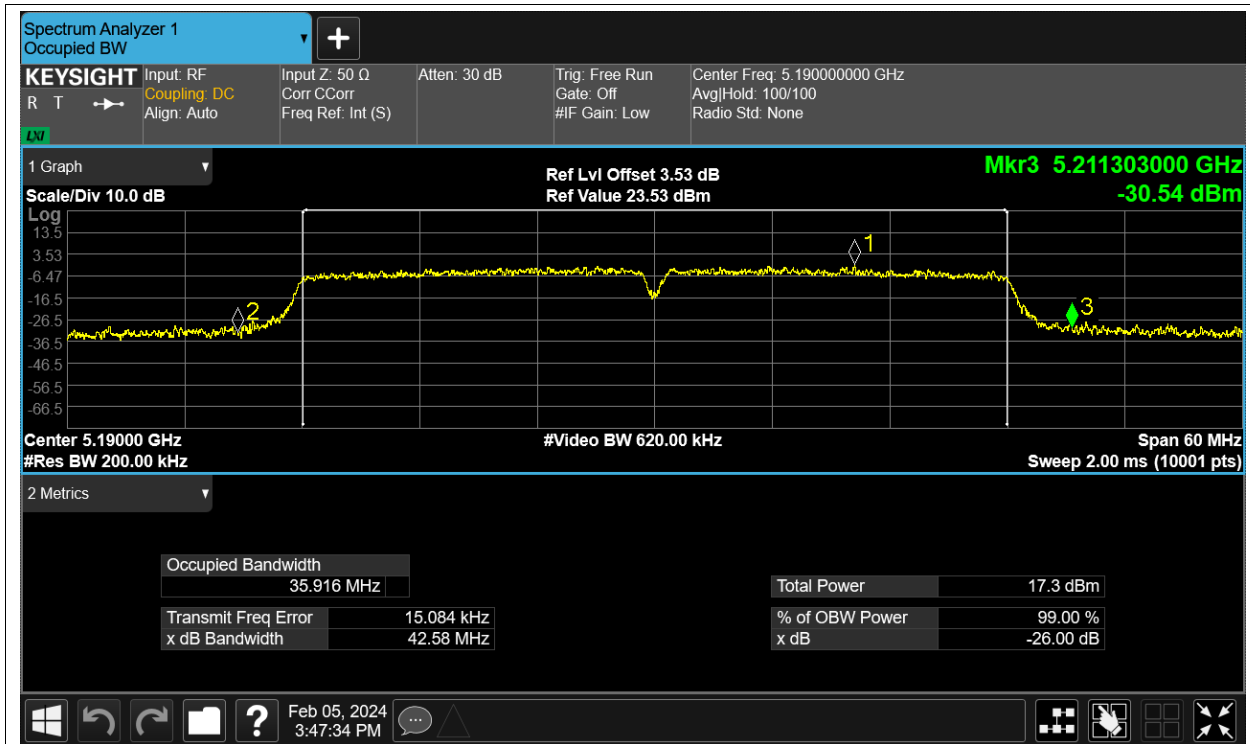
-26dB Bandwidth NVNT ac20 5200MHz Ant1



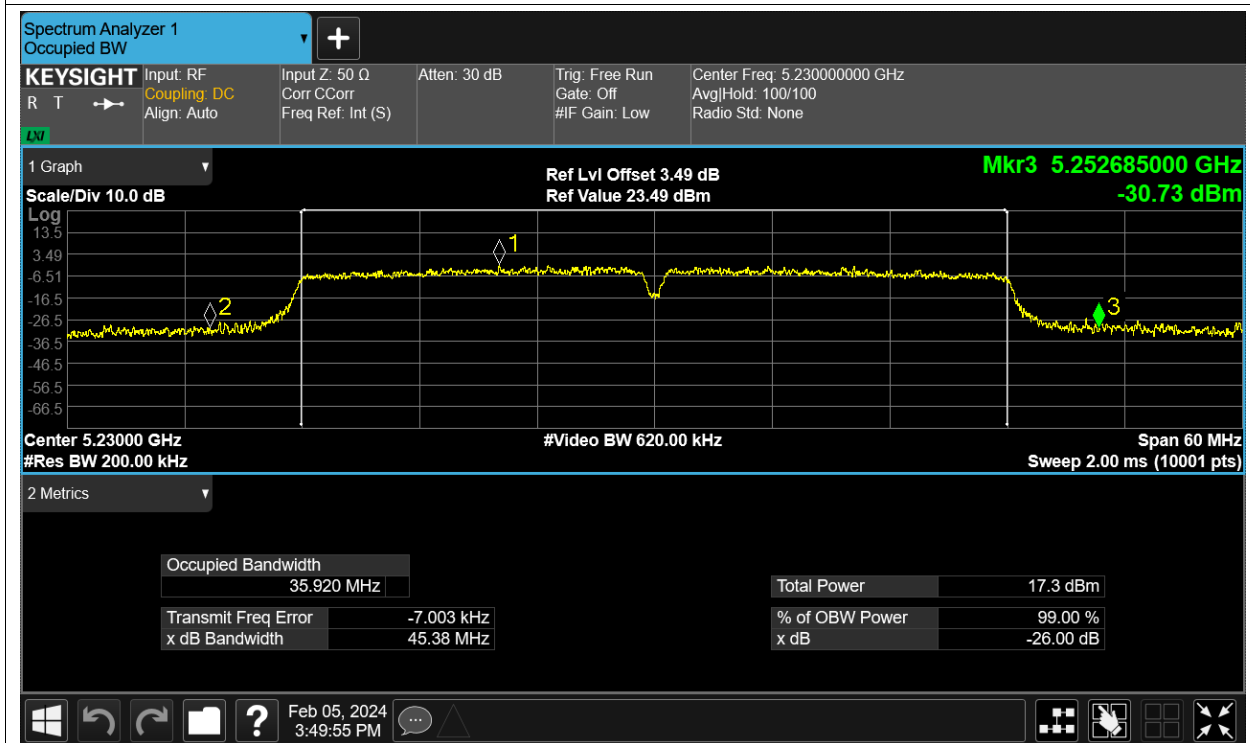
-26dB Bandwidth NVNT ac20 5240MHz Ant1



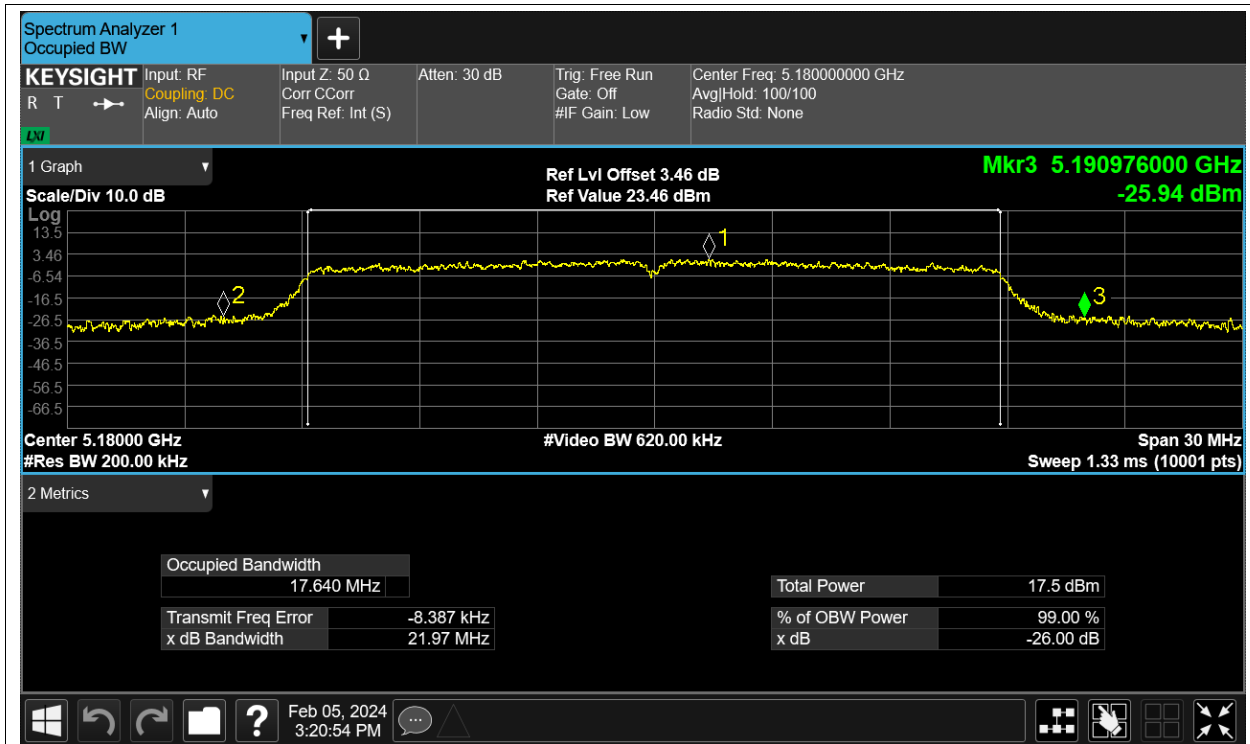
-26dB Bandwidth NVNT ac40 5190MHz Ant1



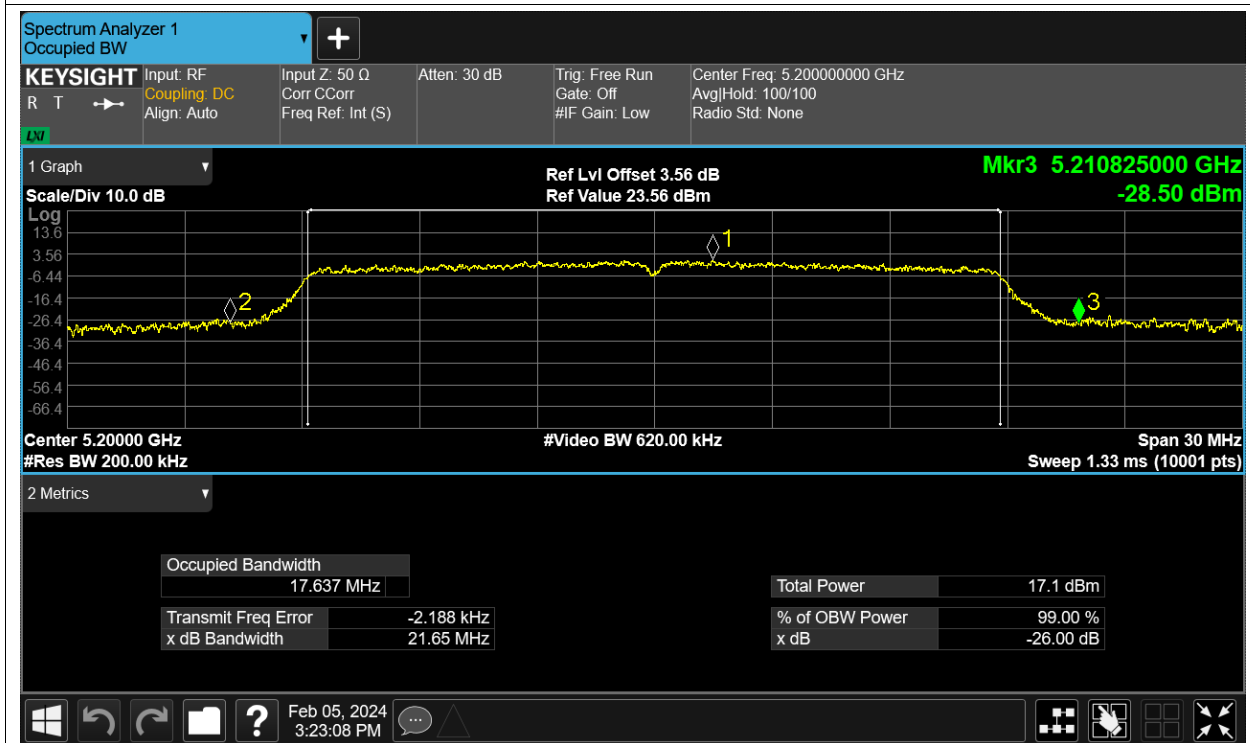
-26dB Bandwidth NVNT ac40 5230MHz Ant1



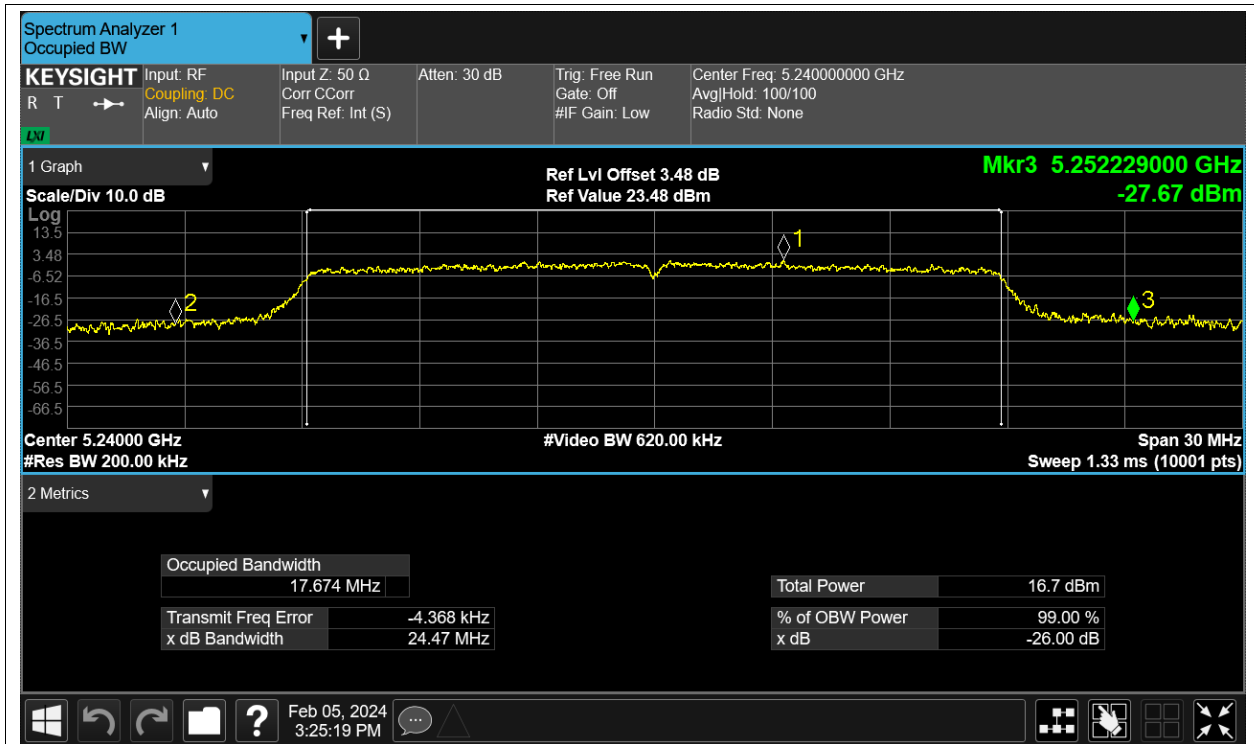
-26dB Bandwidth NVNT n20 5180MHz Ant1



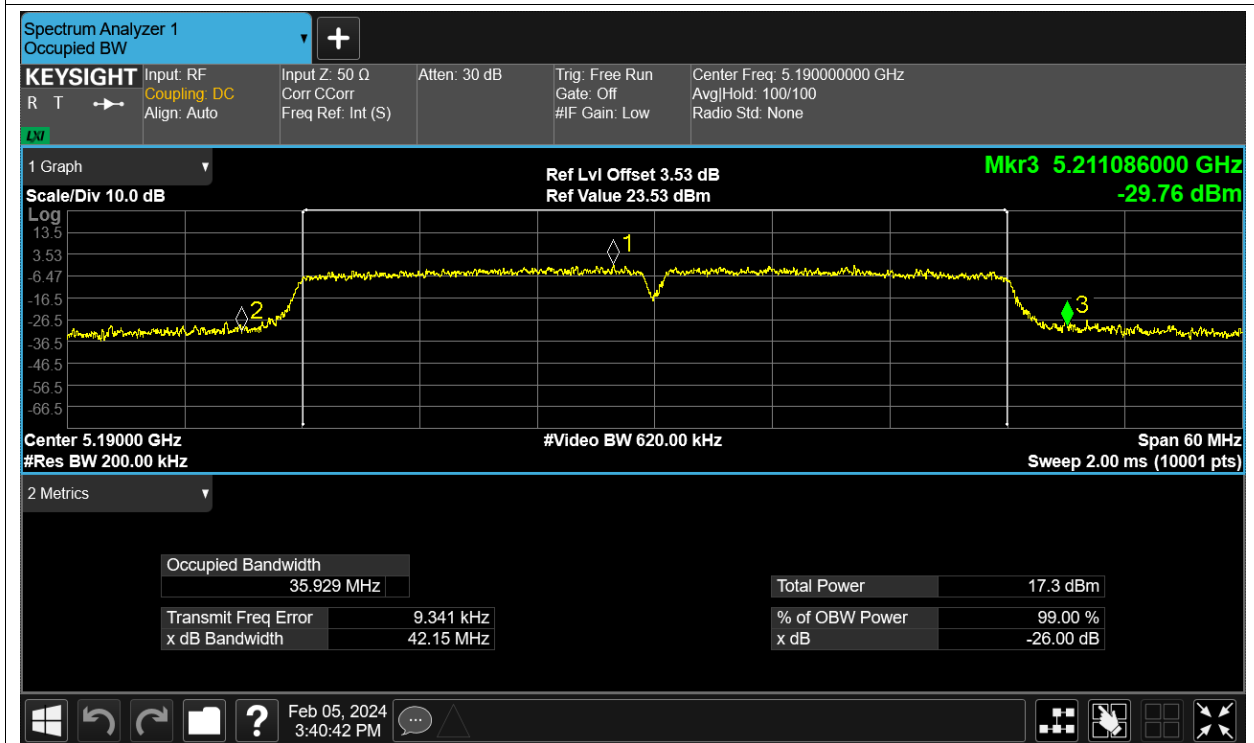
-26dB Bandwidth NVNT n20 5200MHz Ant1



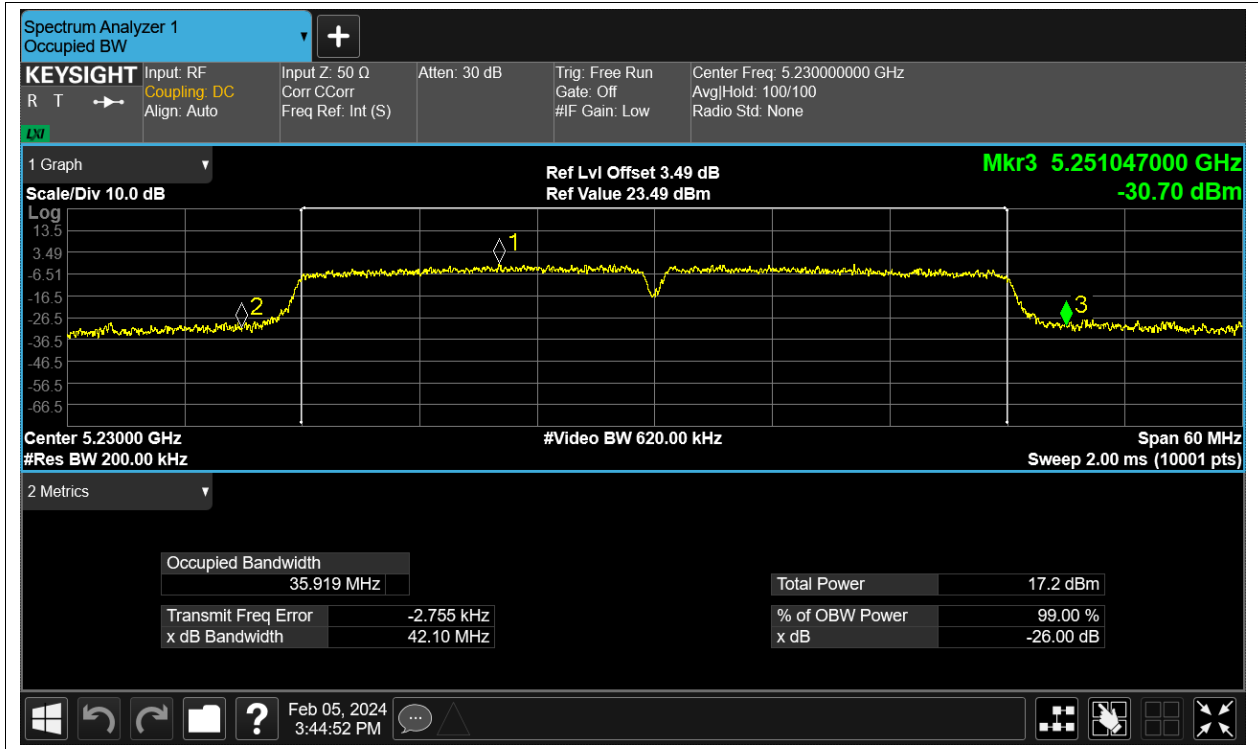
-26dB Bandwidth NVNT n20 5240MHz Ant1



-26dB Bandwidth NVNT n40 5190MHz Ant1



-26dB Bandwidth NVNT n40 5230MHz Ant1

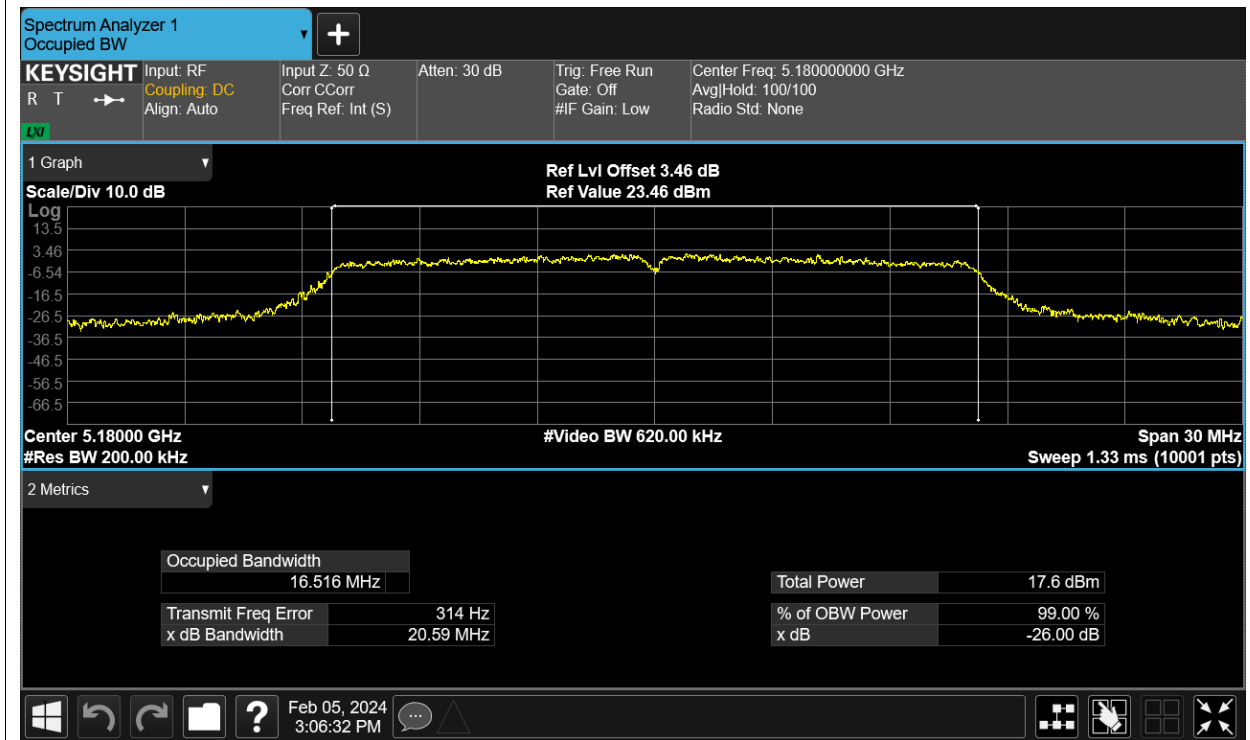


Occupied Channel Bandwidth

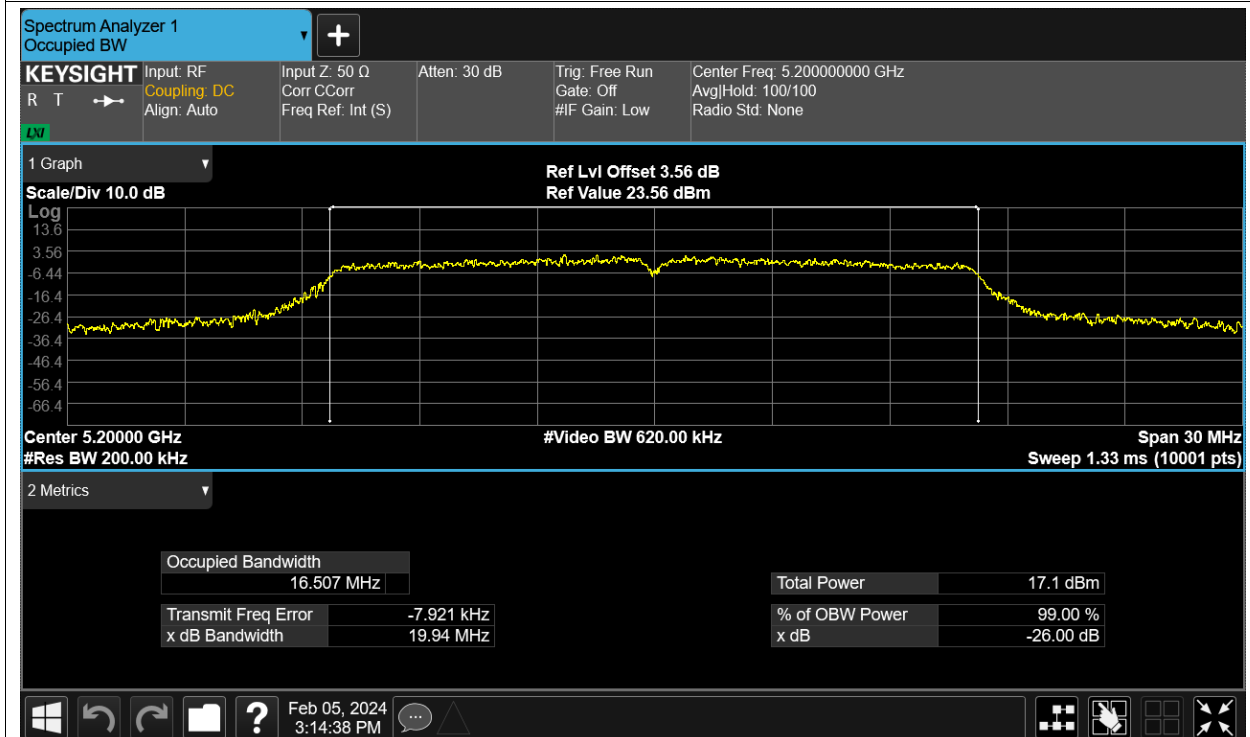
Condition	Mode	Frequency (MHz)	Antenna	99% OBW (MHz)
NVNT	a	5180	Ant1	16.516
NVNT	a	5200	Ant1	16.507
NVNT	a	5240	Ant1	16.56
NVNT	ac20	5180	Ant1	17.653
NVNT	ac20	5200	Ant1	17.638
NVNT	ac20	5240	Ant1	17.652
NVNT	ac40	5190	Ant1	35.981
NVNT	ac40	5230	Ant1	36.003
NVNT	n20	5180	Ant1	17.63
NVNT	n20	5200	Ant1	17.624
NVNT	n20	5240	Ant1	17.683
NVNT	n40	5190	Ant1	35.966
NVNT	n40	5230	Ant1	35.958

Test Graphs

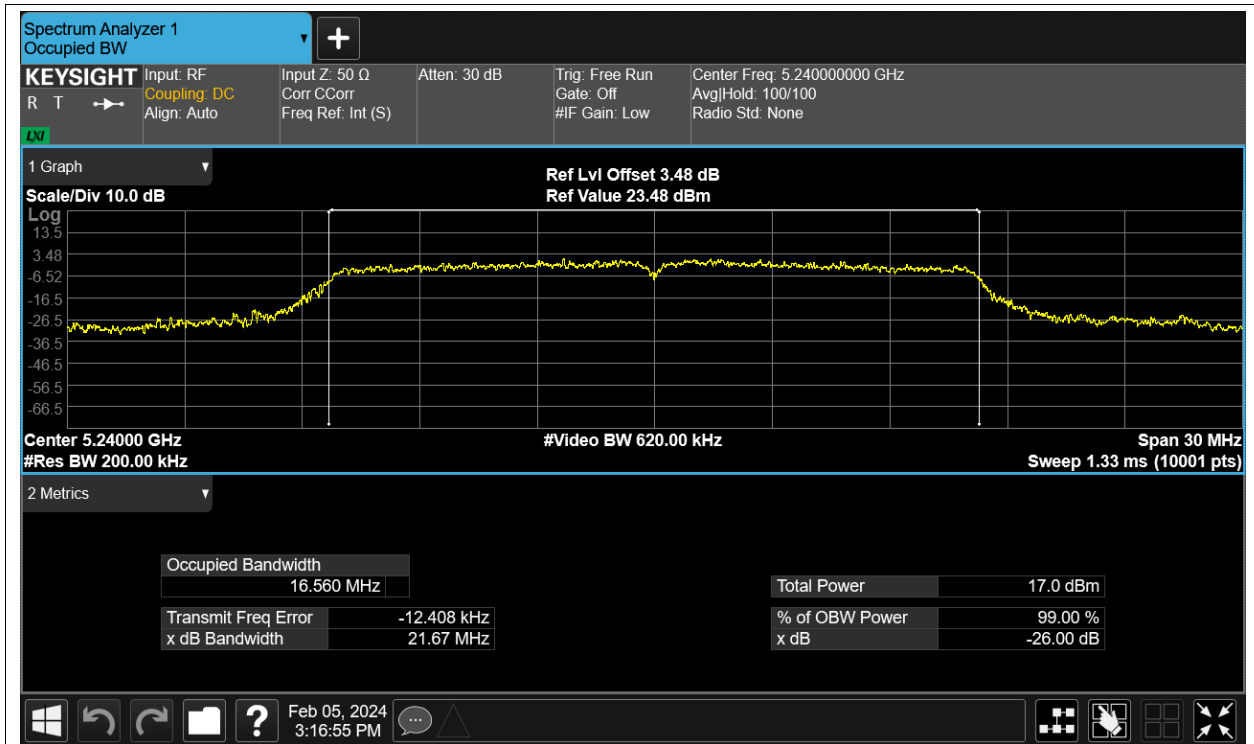
OBW NVNT a 5180MHz Ant1



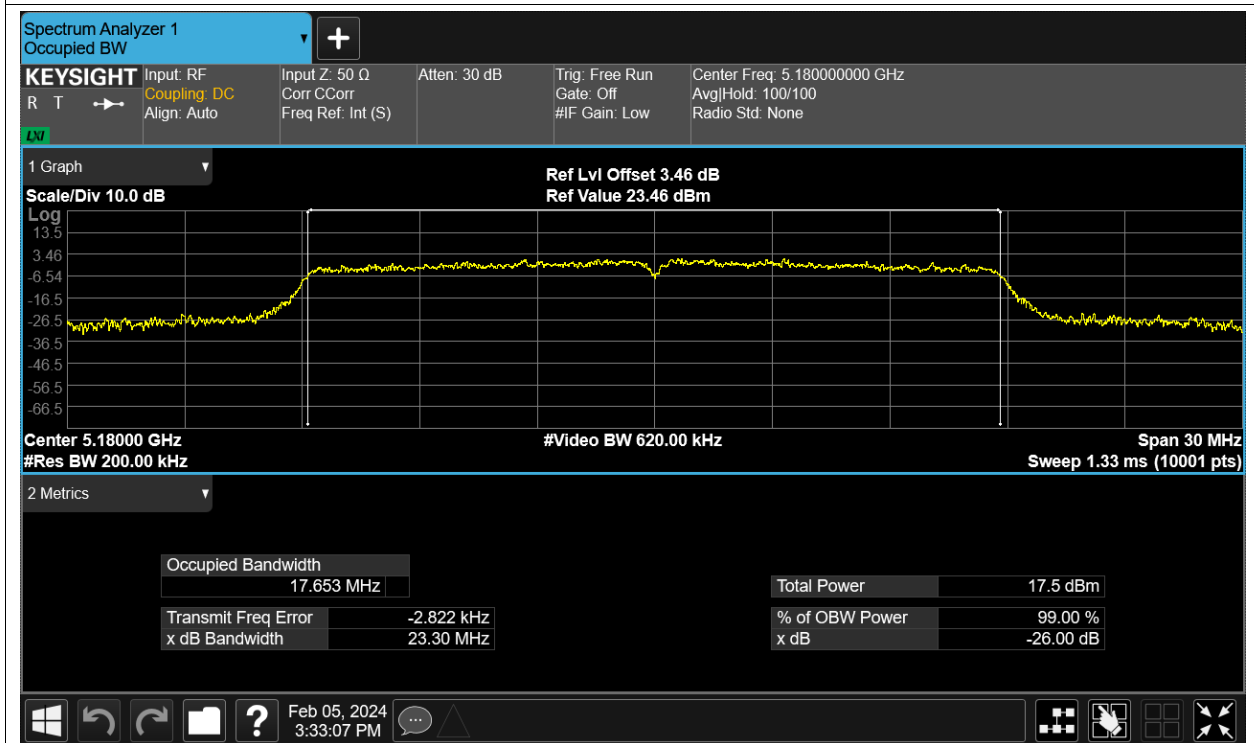
OBW NVNT a 5200MHz Ant1



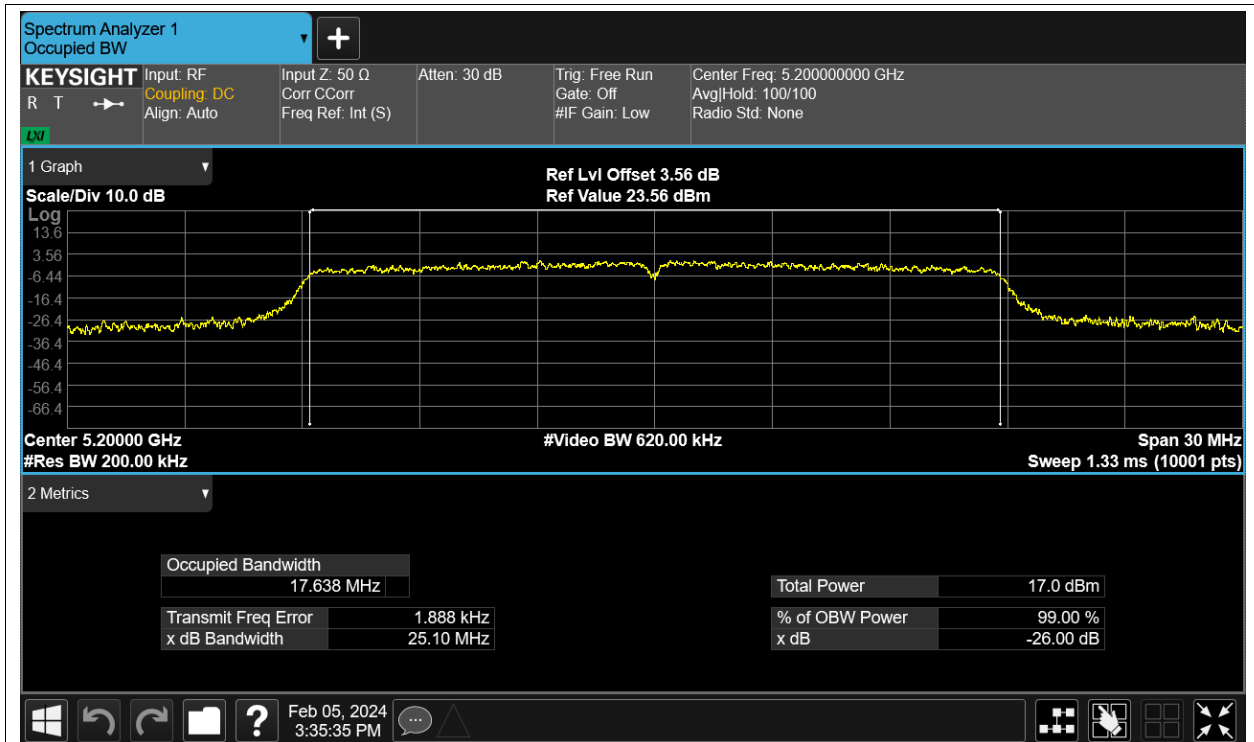
OBW NVNT a 5240MHz Ant1



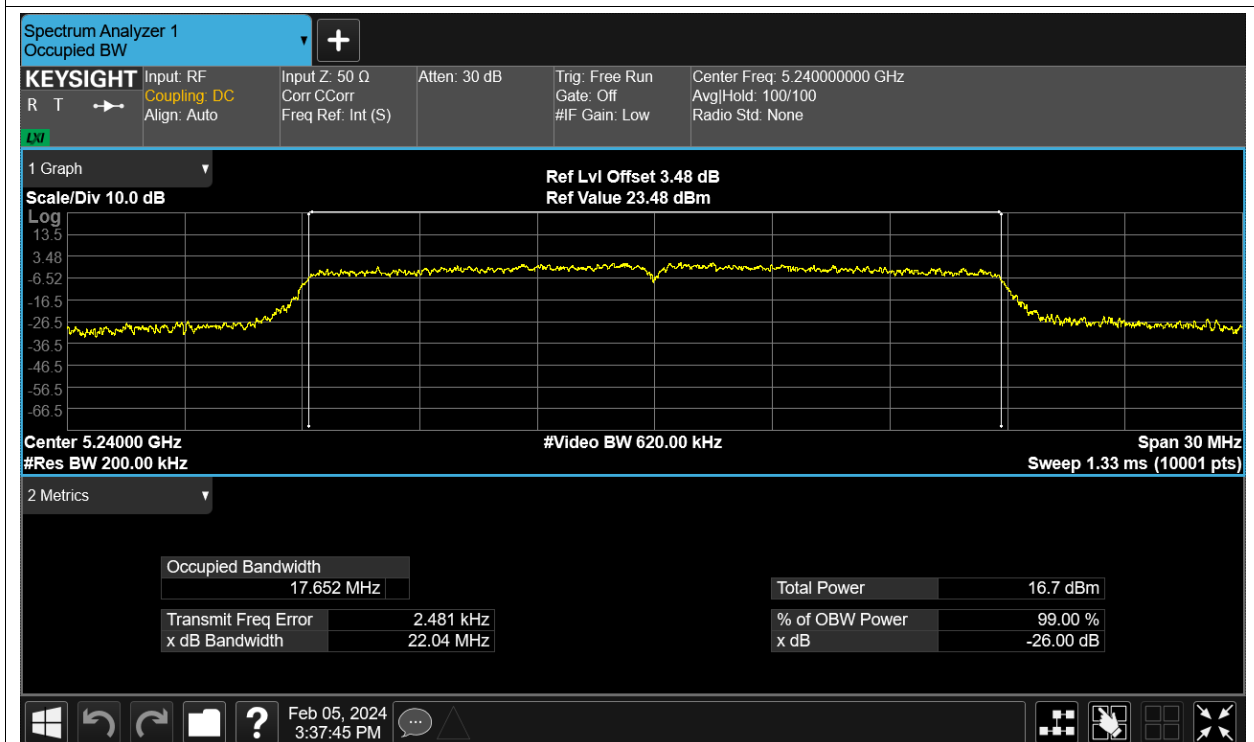
OBW NVNT ac20 5180MHz Ant1



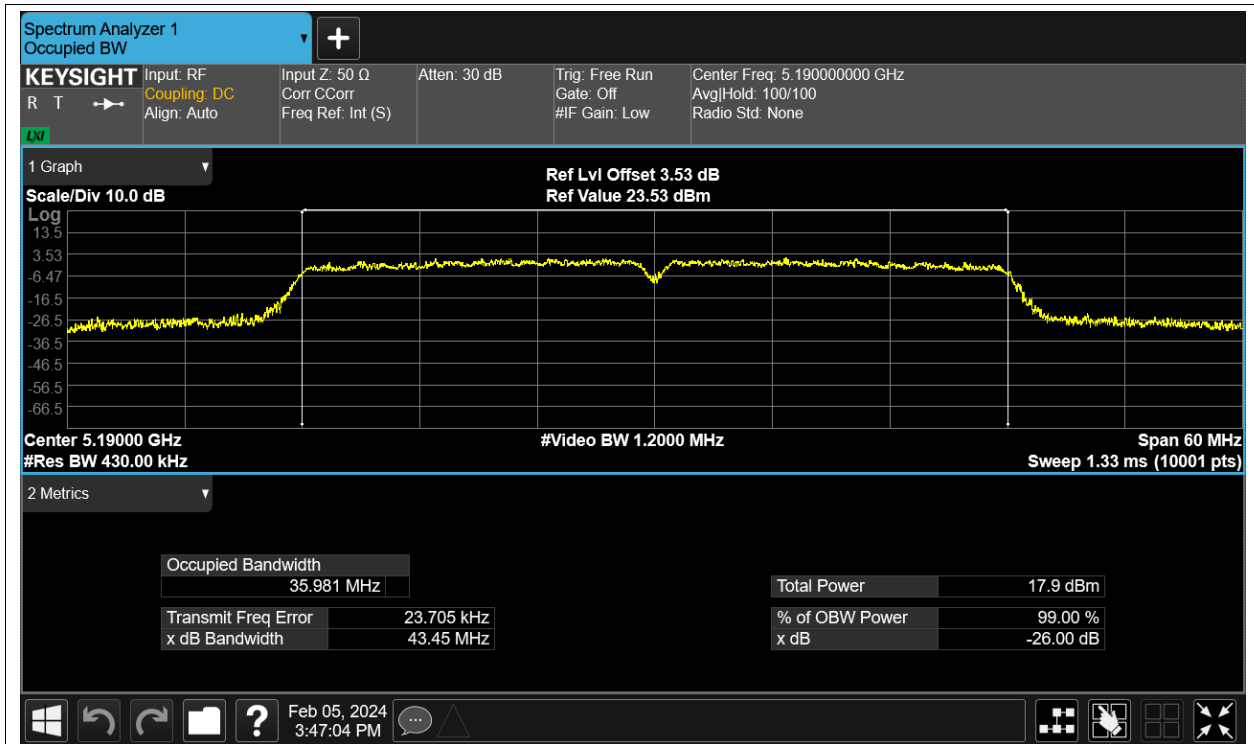
OBW NVNT ac20 5200MHz Ant1



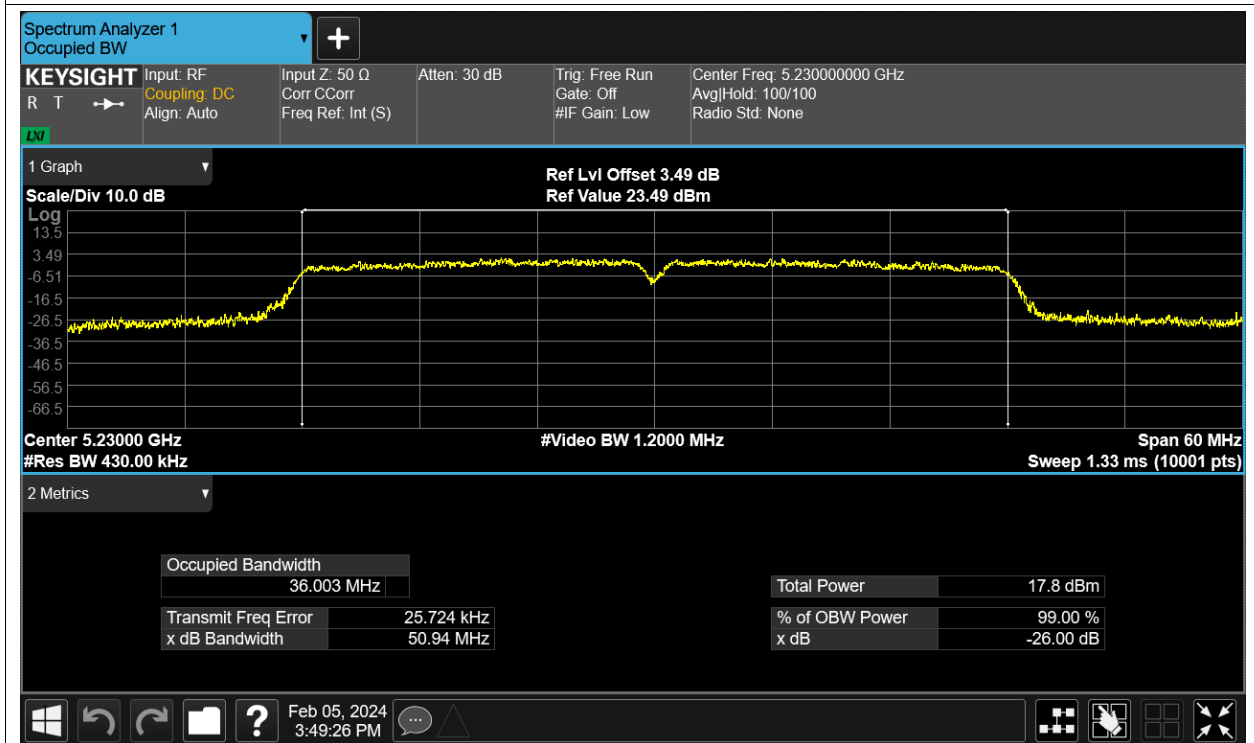
OBW NVNT ac20 5240MHz Ant1



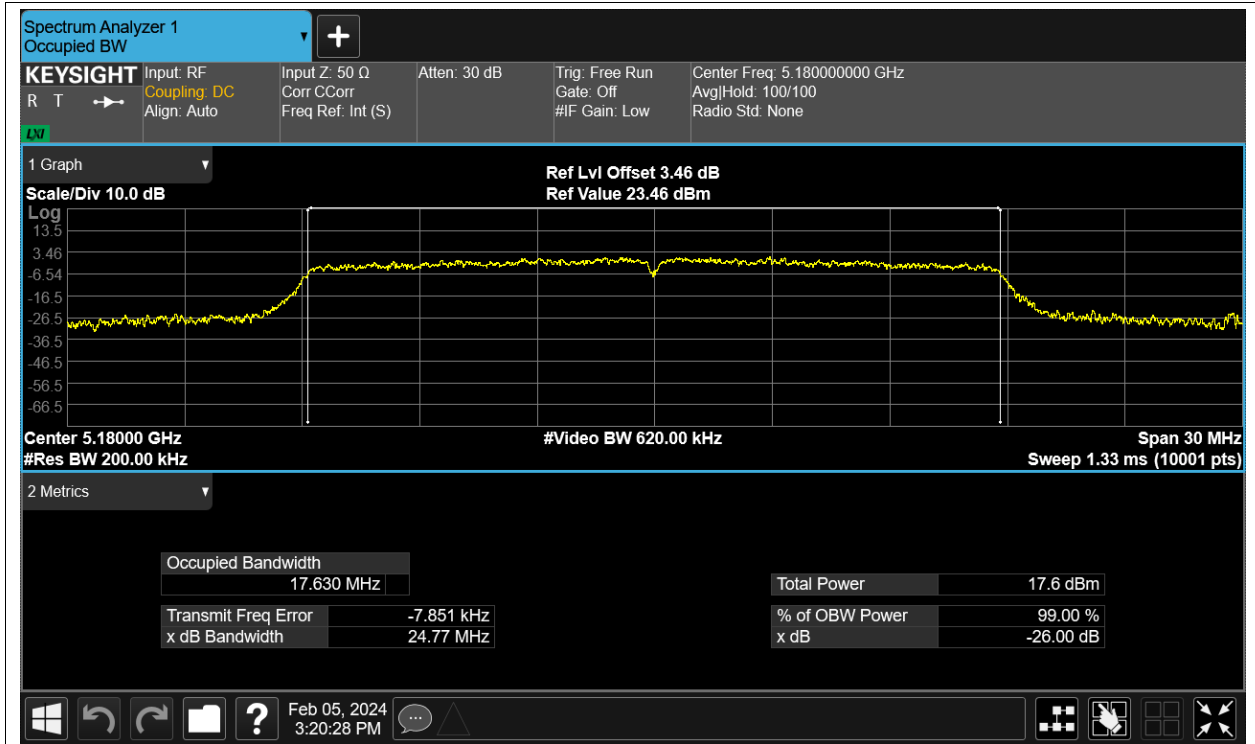
OBW NVNT ac40 5190MHz Ant1



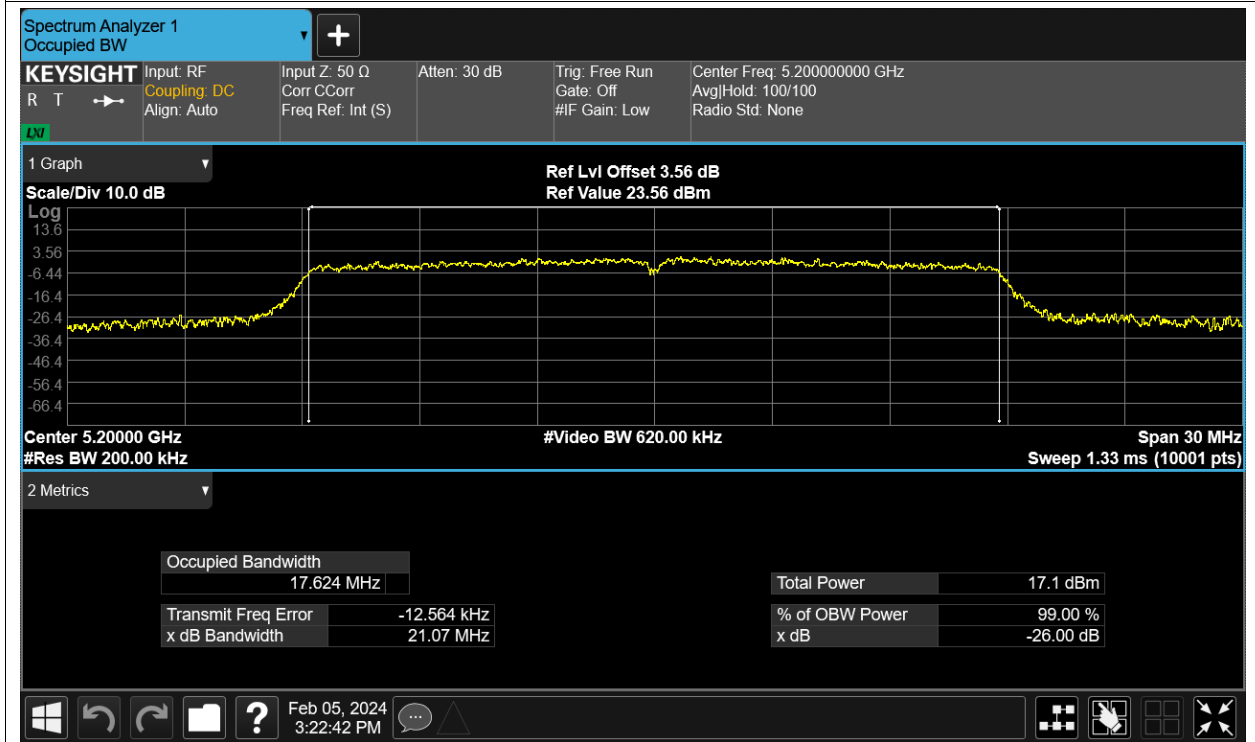
OBW NVNT ac40 5230MHz Ant1



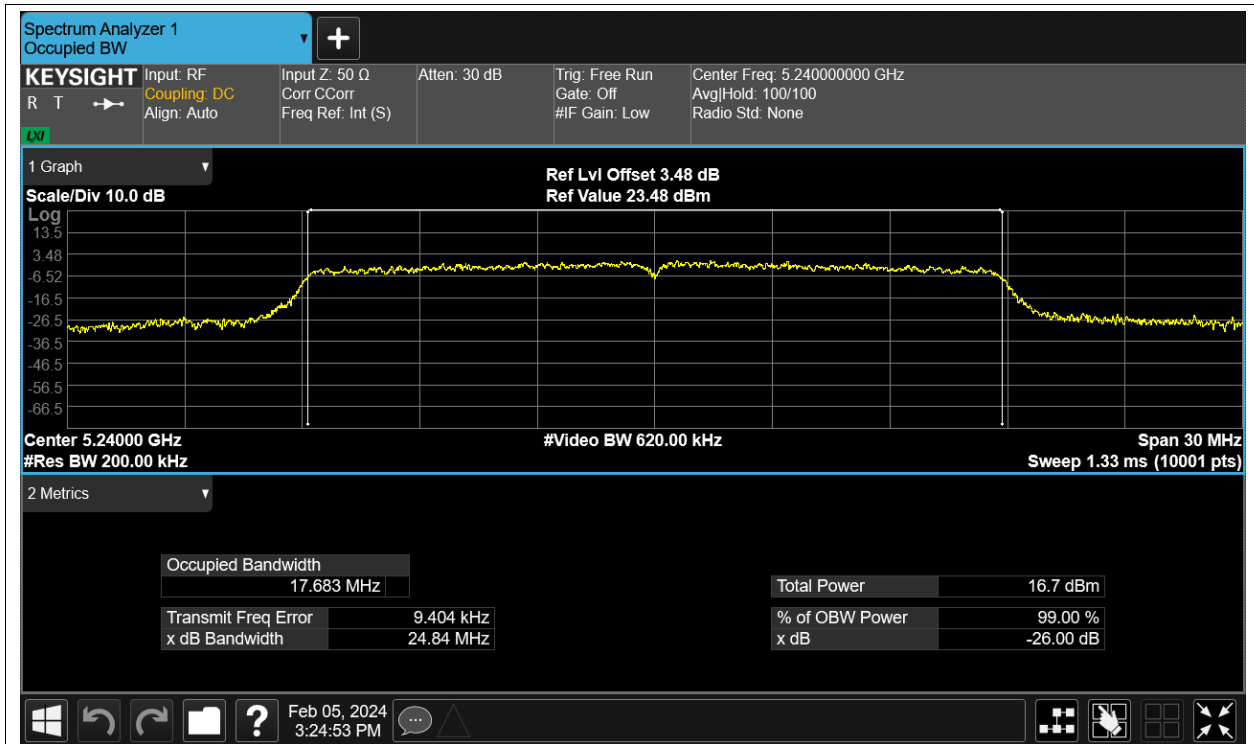
OBW NVNT n20 5180MHz Ant1



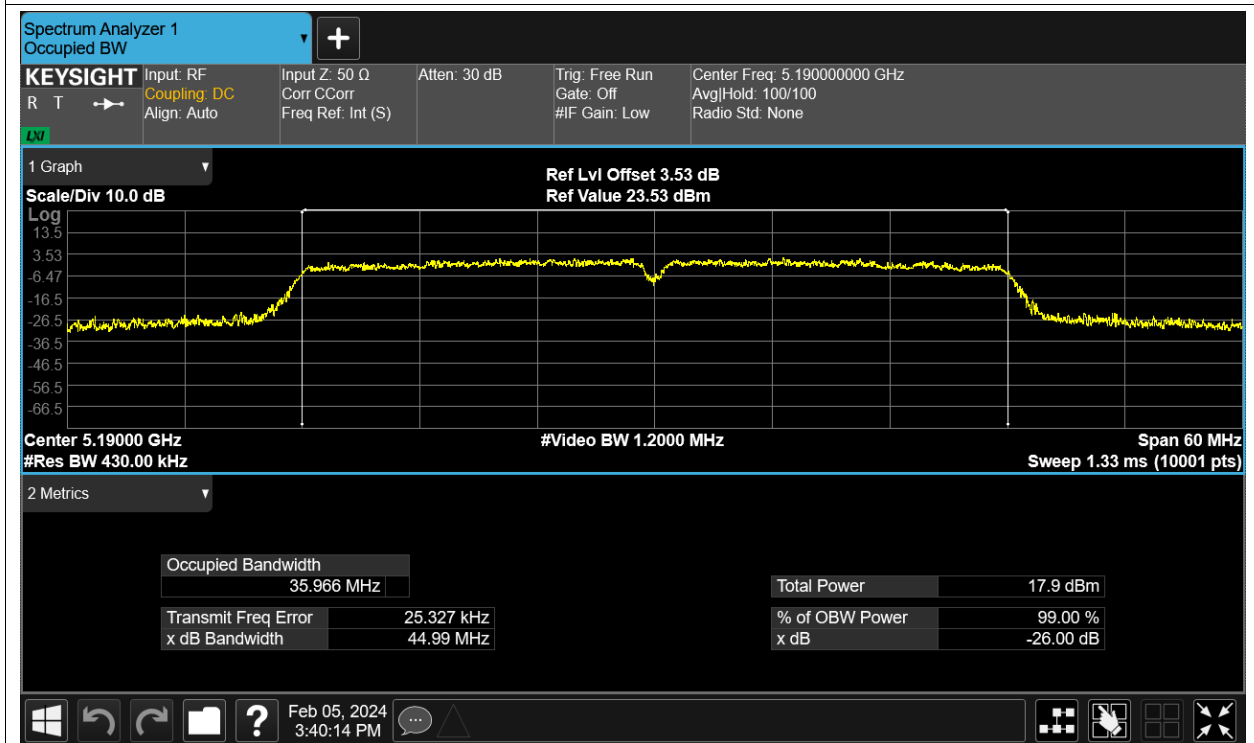
OBW NVNT n20 5200MHz Ant1



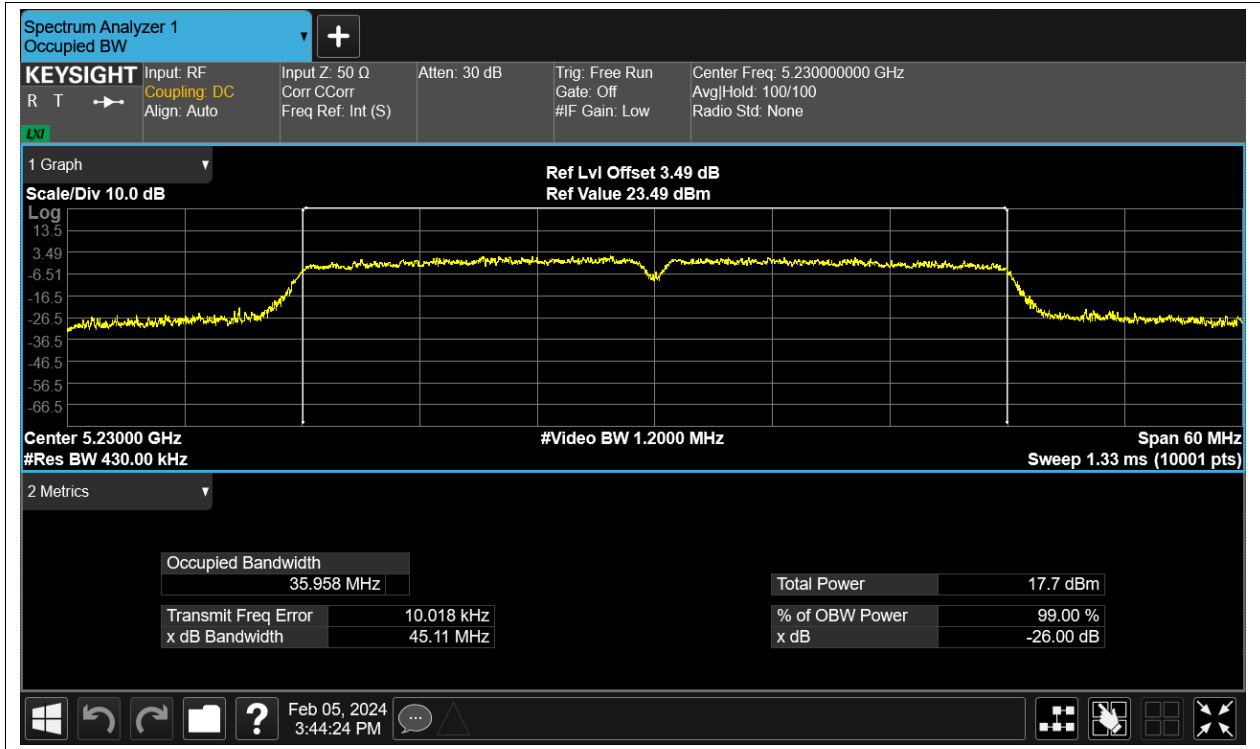
OBW NVNT n20 5240MHz Ant1



OBW NVNT n40 5190MHz Ant1



OBW NVNT n40 5230MHz Ant1

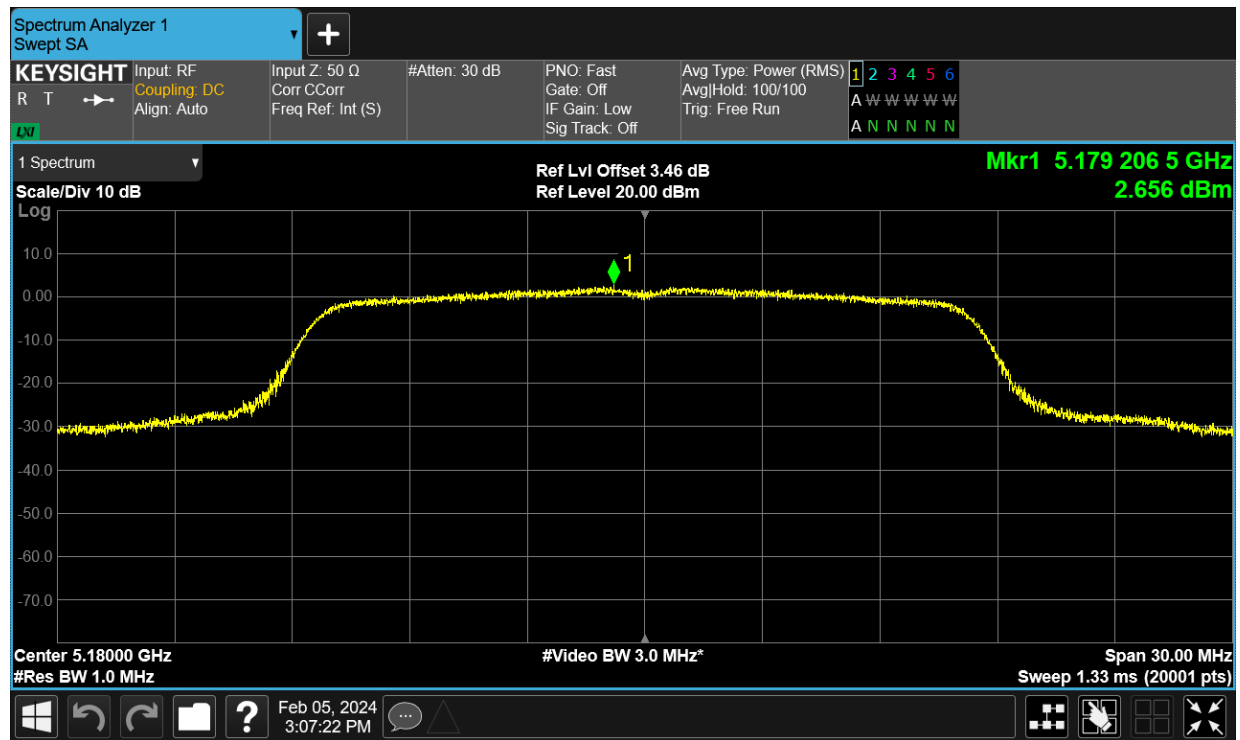


Maximum Power Spectral Density Level

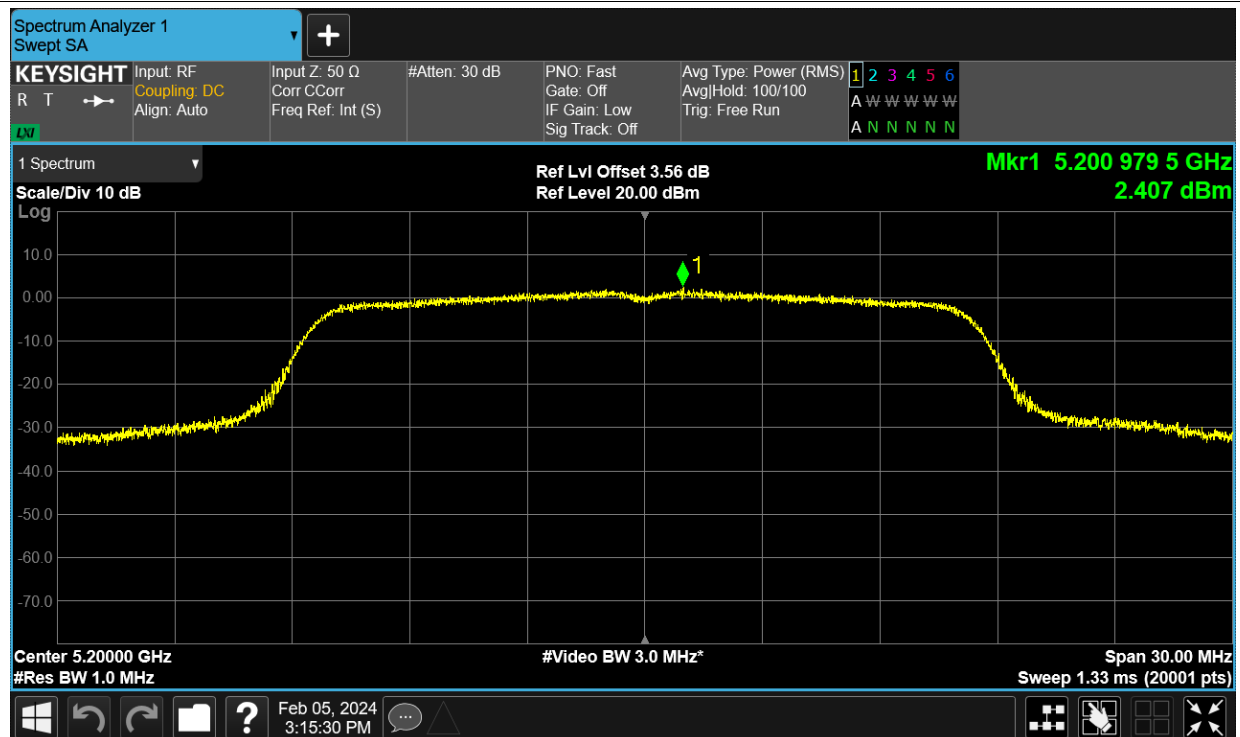
Condition	Mode	Frequency (MHz)	Antenna	Max PSD (dBm)	Limit (dBm)	Verdict
NVNT	a	5180	Ant1	2.656	11	Pass
NVNT	a	5200	Ant1	2.407	11	Pass
NVNT	a	5240	Ant1	1.73	11	Pass
NVNT	ac20	5180	Ant1	2.318	11	Pass
NVNT	ac20	5200	Ant1	1.841	11	Pass
NVNT	ac20	5240	Ant1	1.72	11	Pass
NVNT	ac40	5190	Ant1	-1.179	11	Pass
NVNT	ac40	5230	Ant1	-1.211	11	Pass
NVNT	n20	5180	Ant1	2.6	11	Pass
NVNT	n20	5200	Ant1	1.988	11	Pass
NVNT	n20	5240	Ant1	1.83	11	Pass
NVNT	n40	5190	Ant1	-1.054	11	Pass
NVNT	n40	5230	Ant1	-1.152	11	Pass

Test Graphs

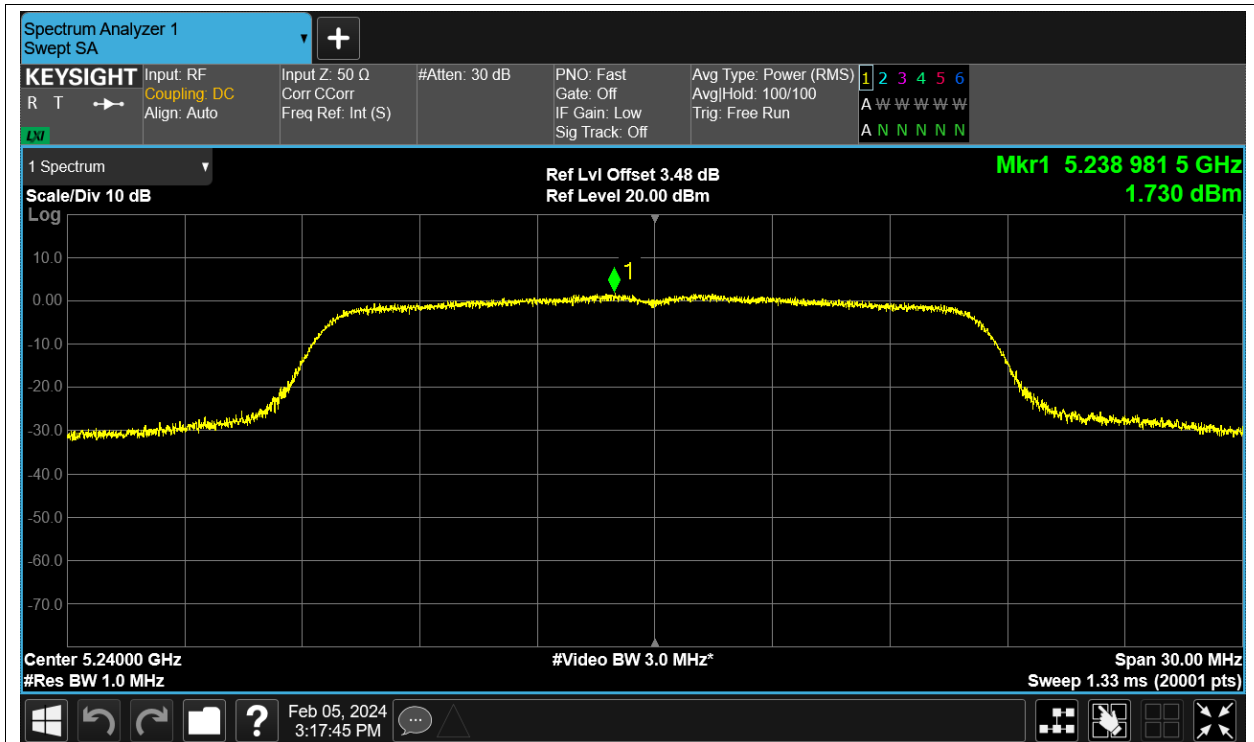
PSD NVNT a 5180MHz Ant1



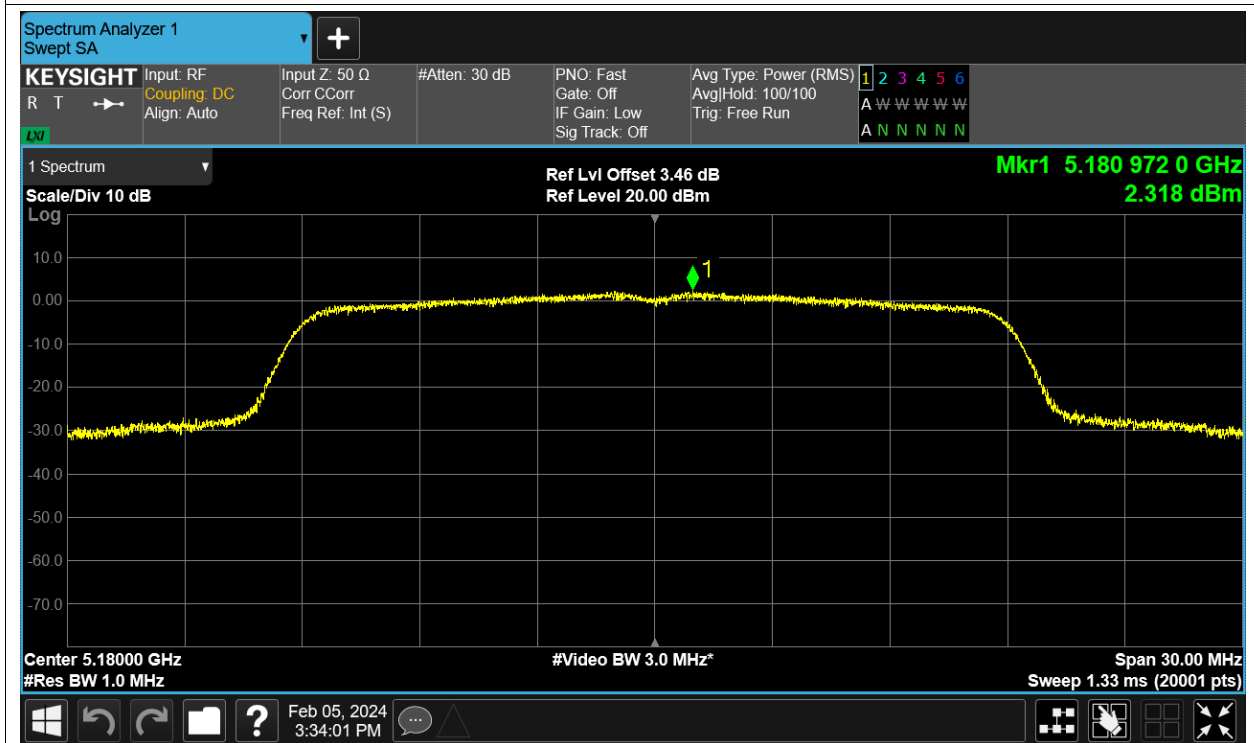
PSD NVNT a 5200MHz Ant1



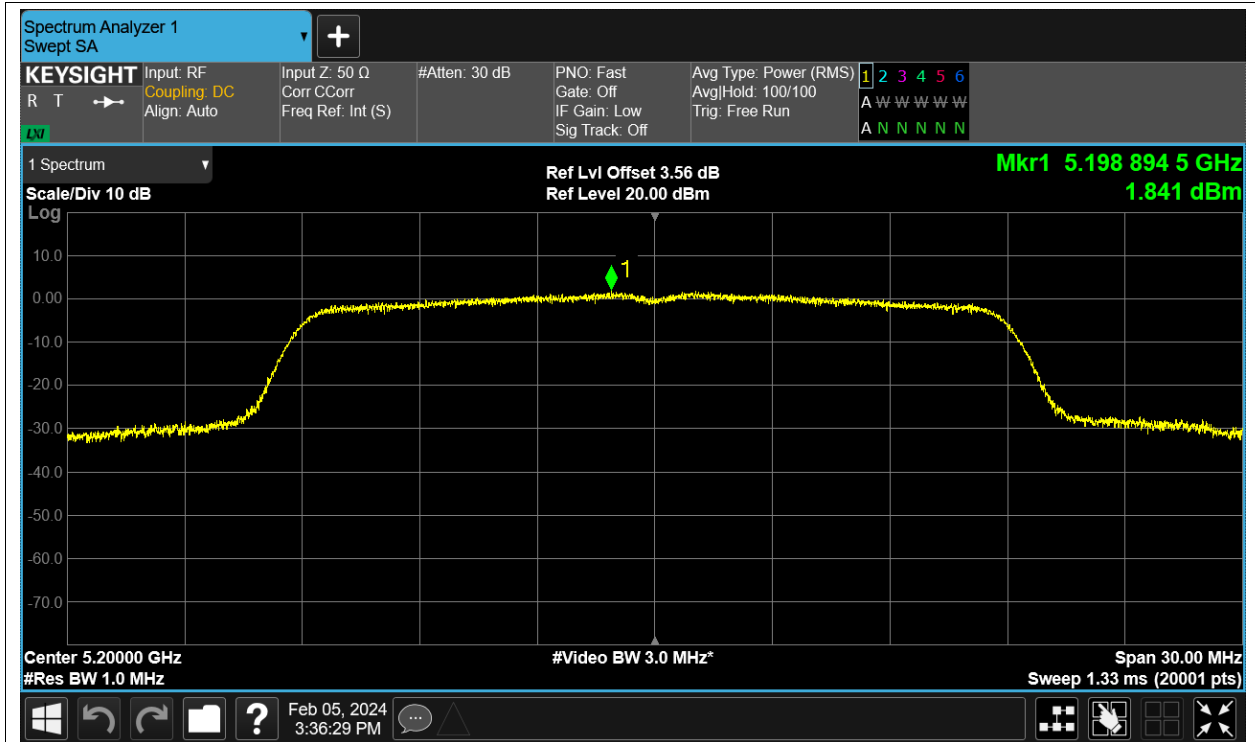
PSD NVNT a 5240MHz Ant1



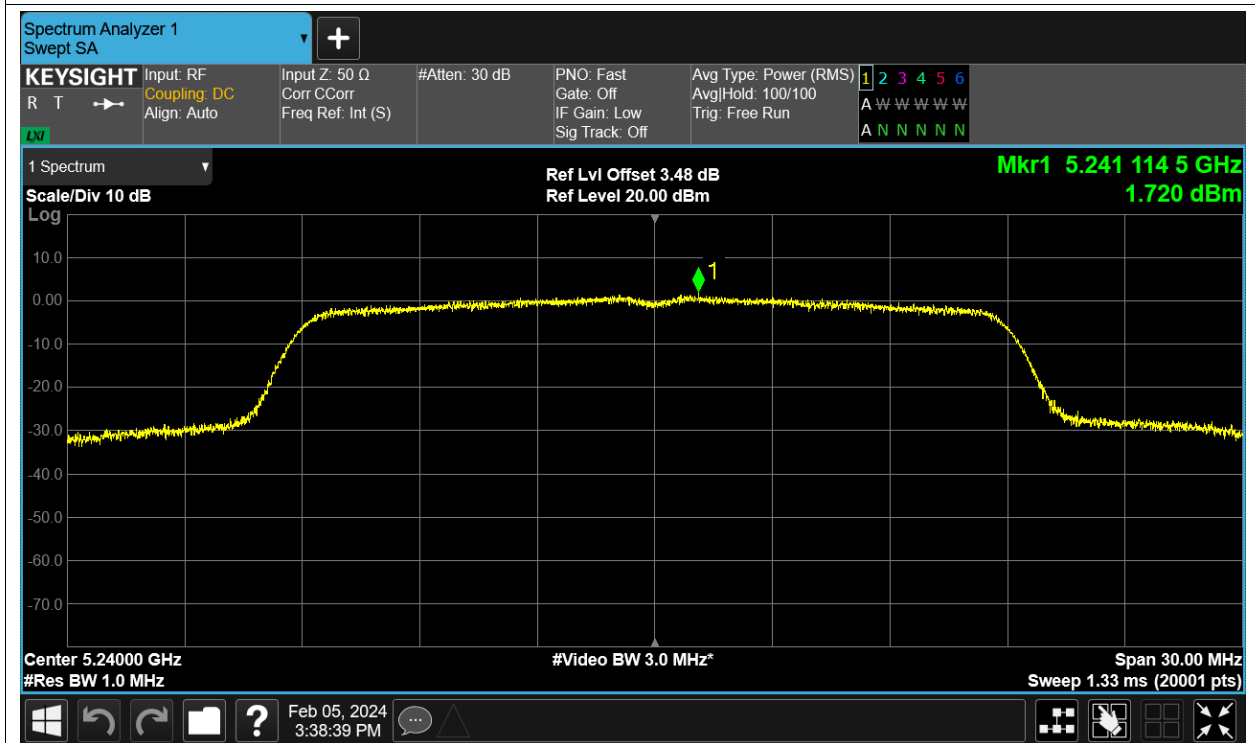
PSD NVNT ac20 5180MHz Ant1



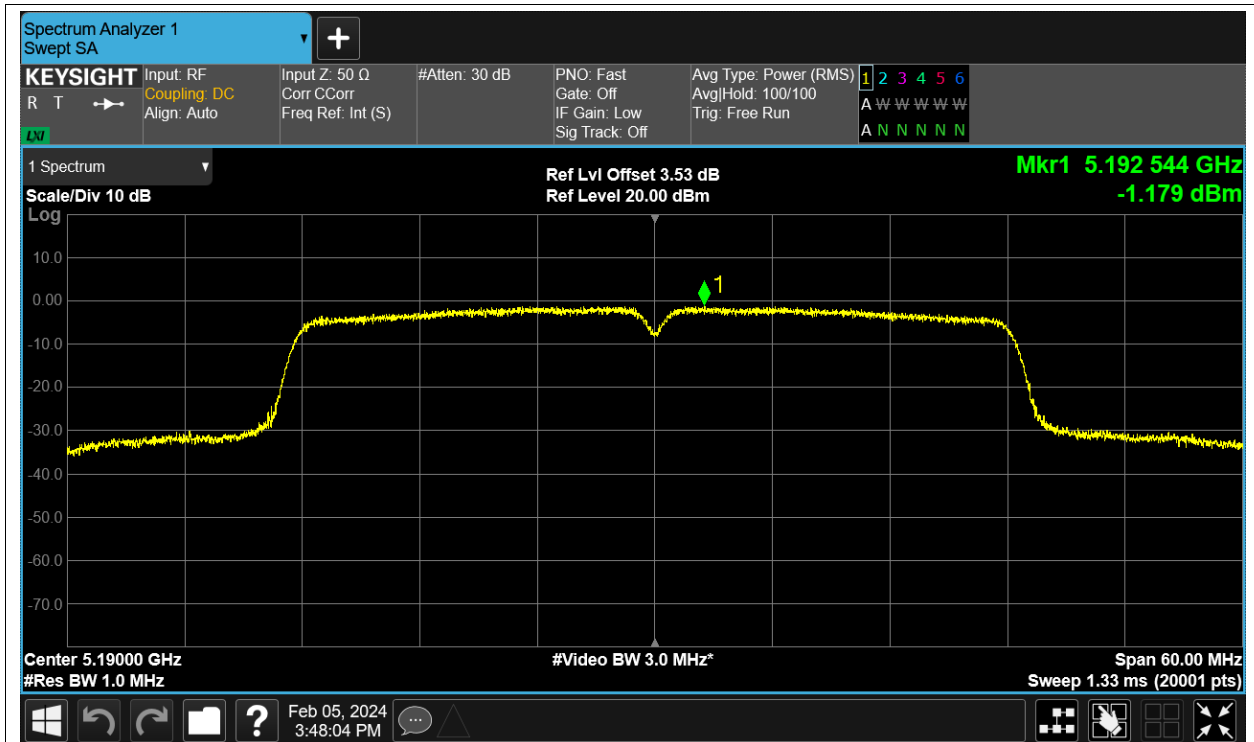
PSD NVNT ac20 5200MHz Ant1



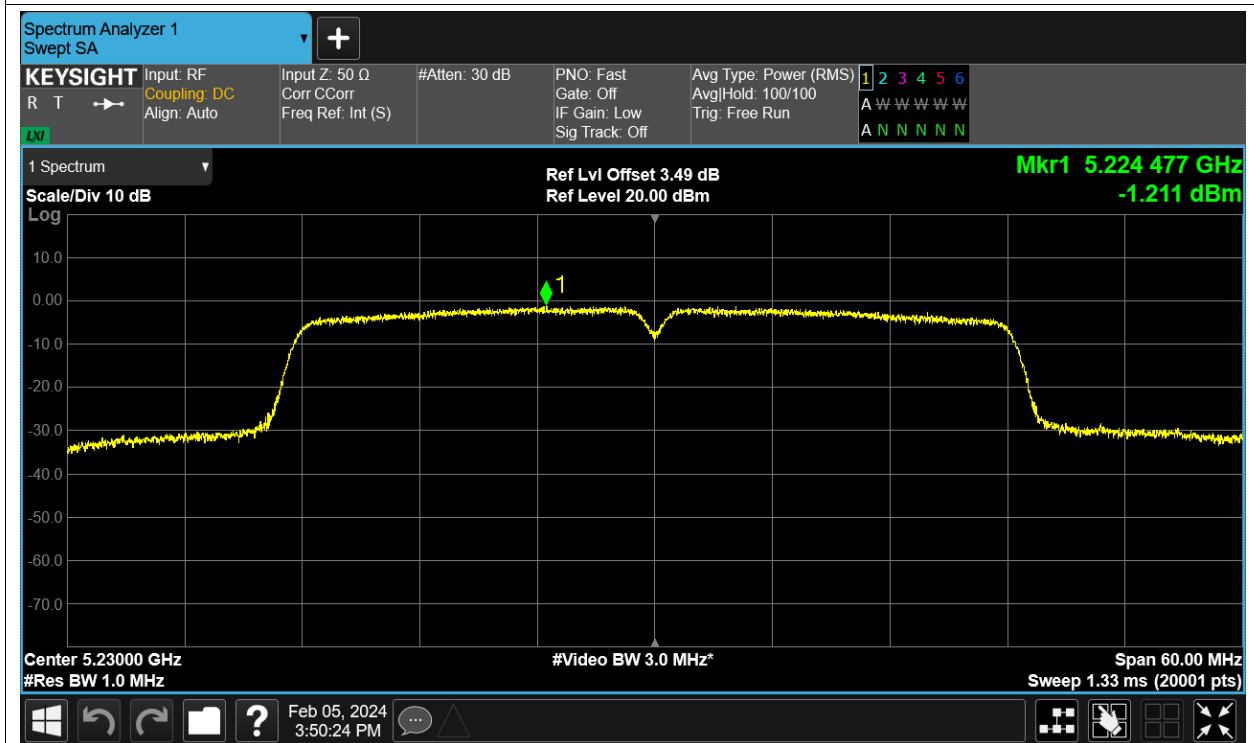
PSD NVNT ac20 5240MHz Ant1



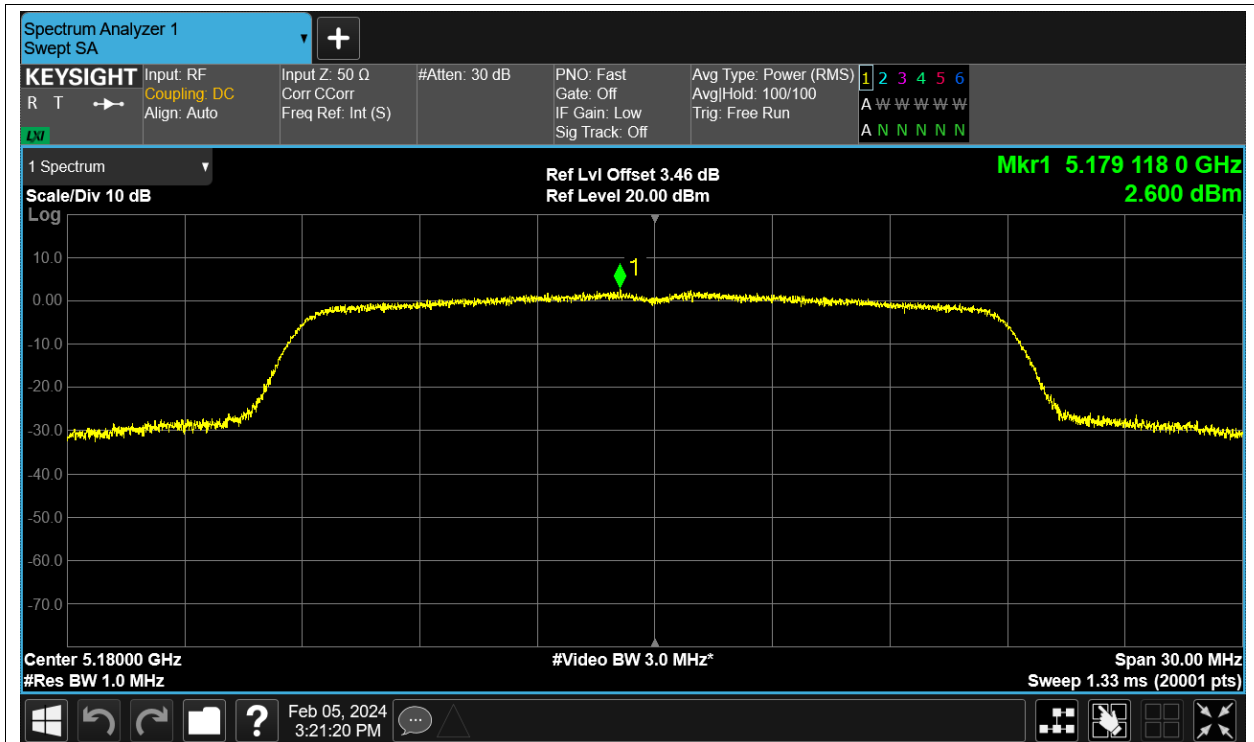
PSD NVNT ac40 5190MHz Ant1



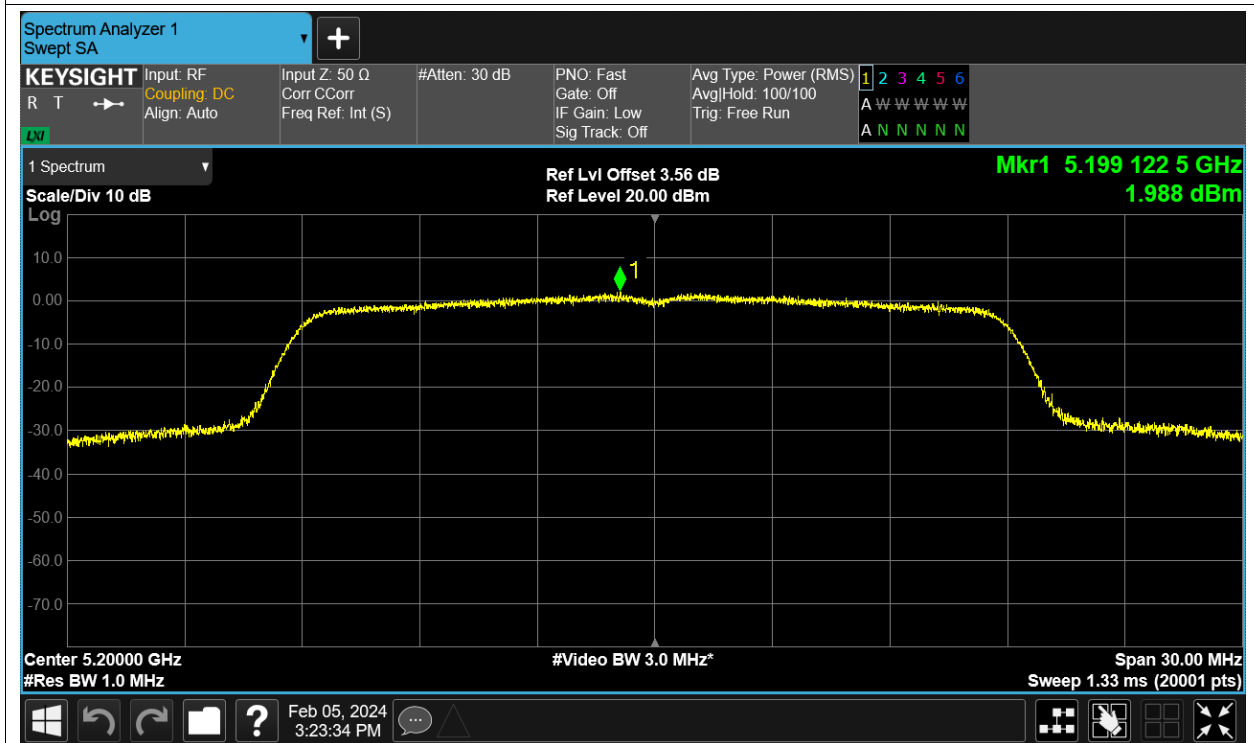
PSD NVNT ac40 5230MHz Ant1



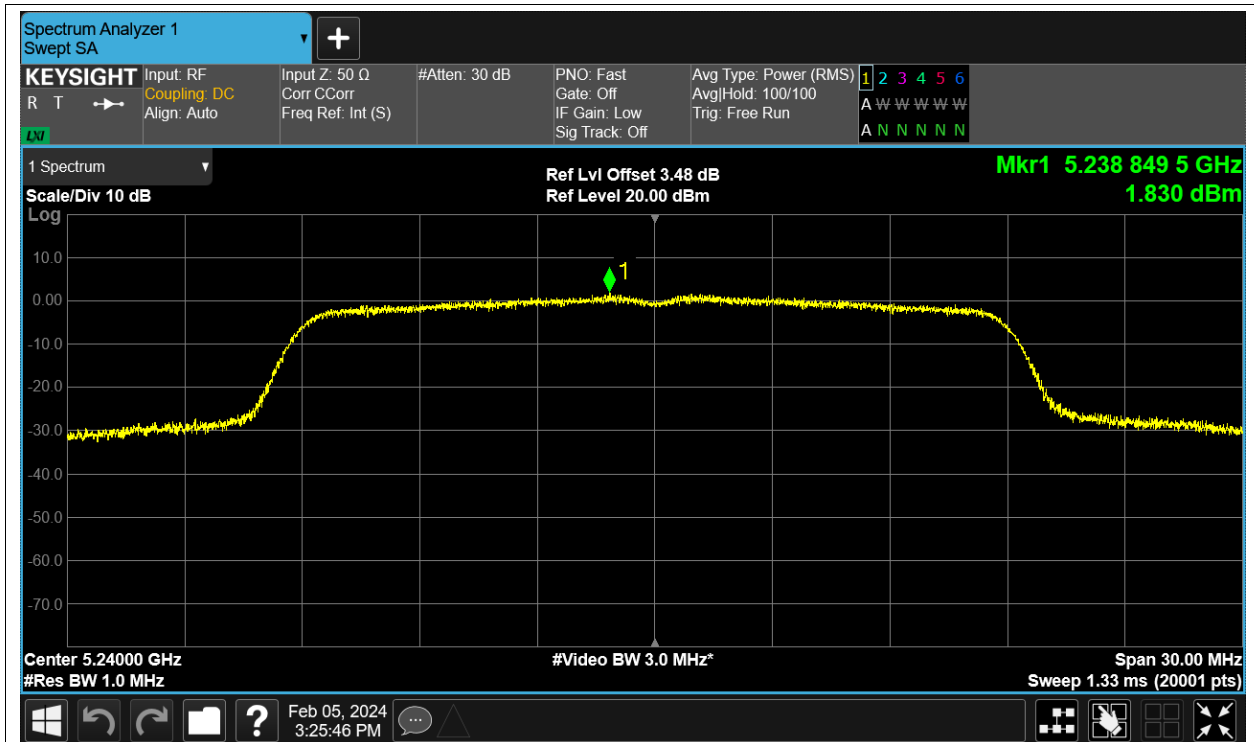
PSD NVNT n20 5180MHz Ant1



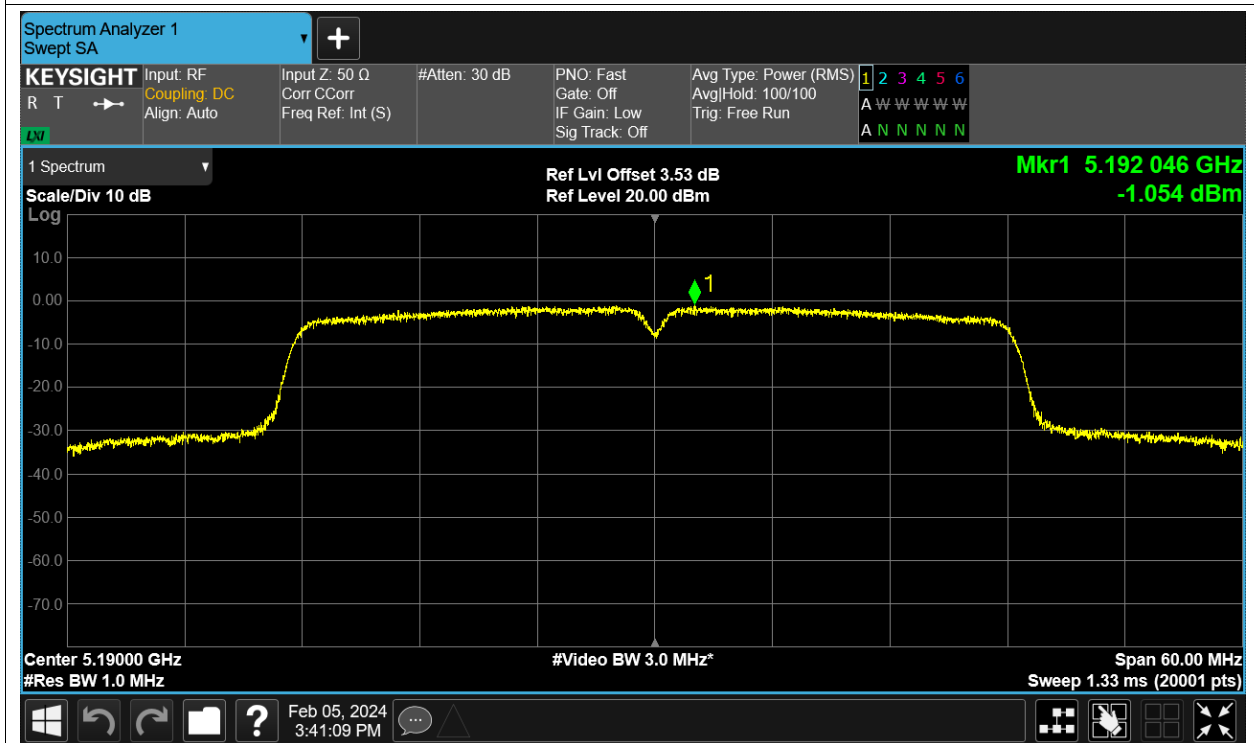
PSD NVNT n20 5200MHz Ant1



PSD NVNT n20 5240MHz Ant1



PSD NVNT n40 5190MHz Ant1



PSD NVNT n40 5230MHz Ant1

