

Test Data

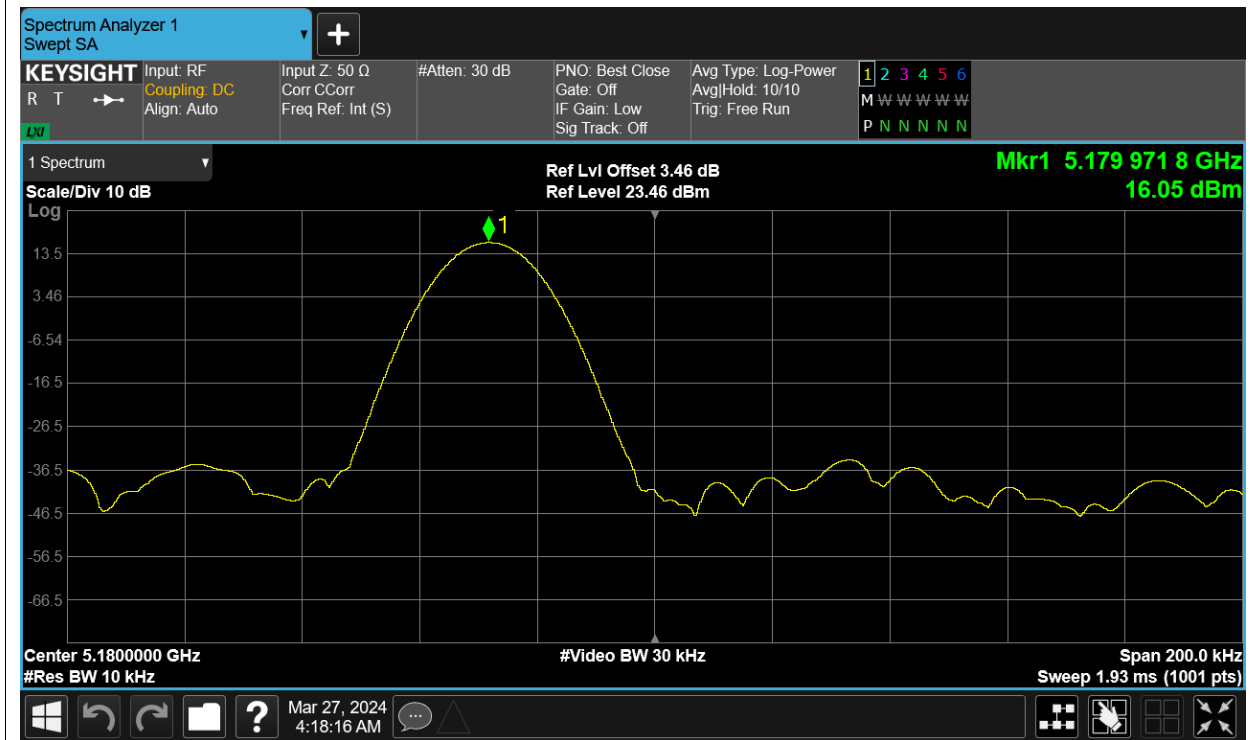
Frequency Stability

Condition	Mode	Frequency (MHz)	Antenna	Measured Frequency (MHz)	Deviation (ppm)	Limit (ppm)	Verdict
HVNT	a	5180	Ant12	5179.9718	-5.44	Within authorized band	Pass
HVNT	a	5180	Ant4	5179.9706	-5.68		Pass
LVNT	a	5180	Ant12	5179.972	-5.41		Pass
LVNT	a	5180	Ant4	5179.9706	-5.68		Pass
NVHT	a	5180	Ant12	5179.9726	-5.29		Pass
NVHT	a	5180	Ant4	5179.9708	-5.64		Pass
NVLT	a	5180	Ant12	5179.973	-5.21		Pass
NVLT	a	5180	Ant4	5179.9712	-5.56		Pass
NVNT	a	5180	Ant12	5179.9712	-5.56		Pass
NVNT	a	5180	Ant4	5179.9714	-5.52		Pass
HVNT	ac80	5210	Sum	5209.9658	-6.56		Pass
LVNT	ac80	5210	Sum	5209.9662	-6.49		Pass
NVHT	ac80	5210	Sum	5209.9666	-6.41		Pass
NVLT	ac80	5210	Sum	5209.9676	-6.22		Pass
NVNT	ac80	5210	Sum	5209.9654	-6.64		Pass
HVNT	n40	5190	Sum	5189.9688	-6.01		Pass
LVNT	n40	5190	Sum	5189.9694	-5.9		Pass
NVHT	n40	5190	Sum	5189.9698	-5.82		Pass
NVLT	n40	5190	Sum	5189.9704	-5.7		Pass
NVNT	n40	5190	Sum	5189.9704	-5.7		Pass

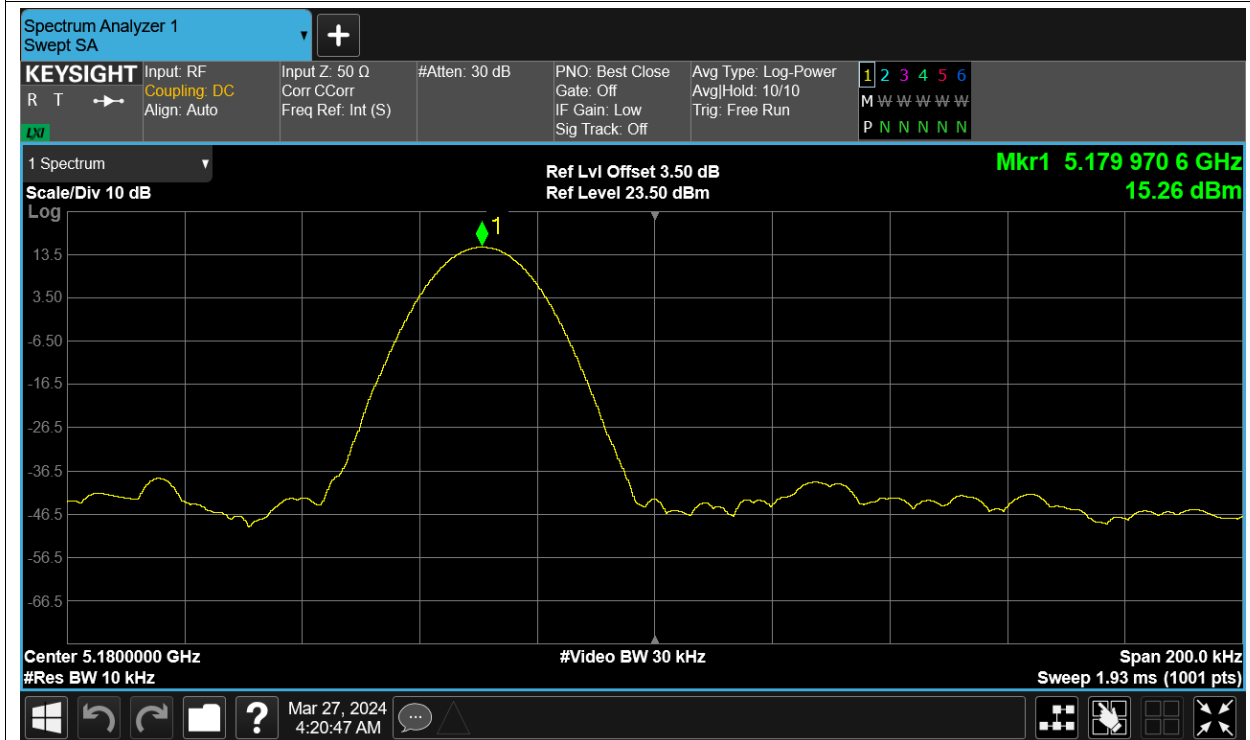
Remark: "NTNV" means Normal Temperature Normal Voltage, "NVHT" means Normal Voltage High Temperature, "NVLT" means Normal Voltage Low Temperature, "LVNT" means Low Voltage Normal Temperature, "HVNT" means High Voltage Normal Temperature.

Test Graphs

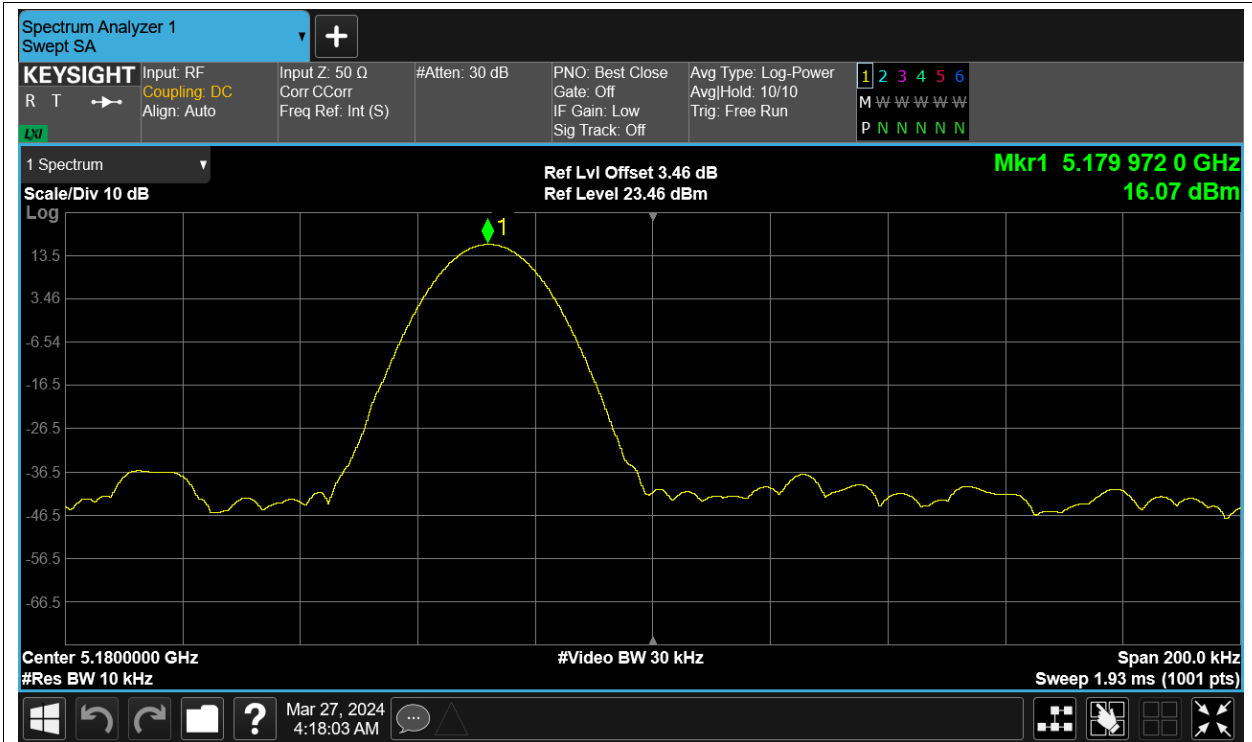
Freq. Stability HVNT a 5180MHz Ant12



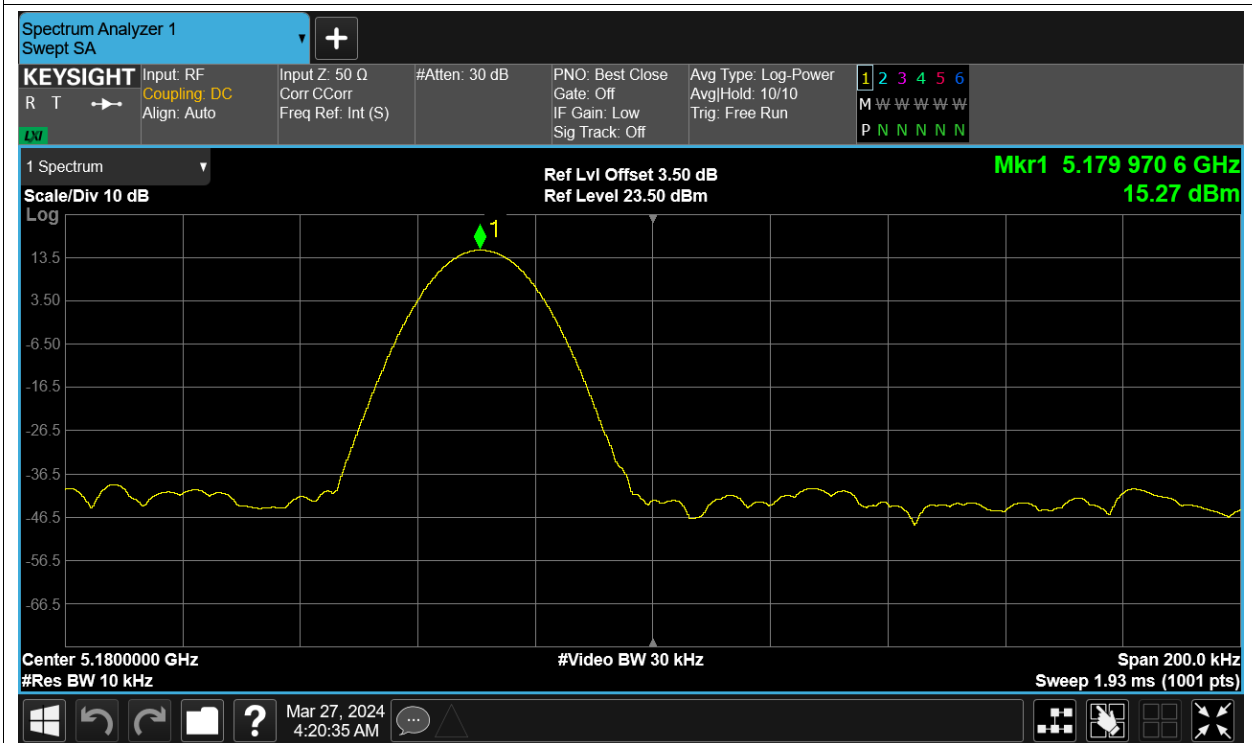
Freq. Stability HVNT a 5180MHz Ant4



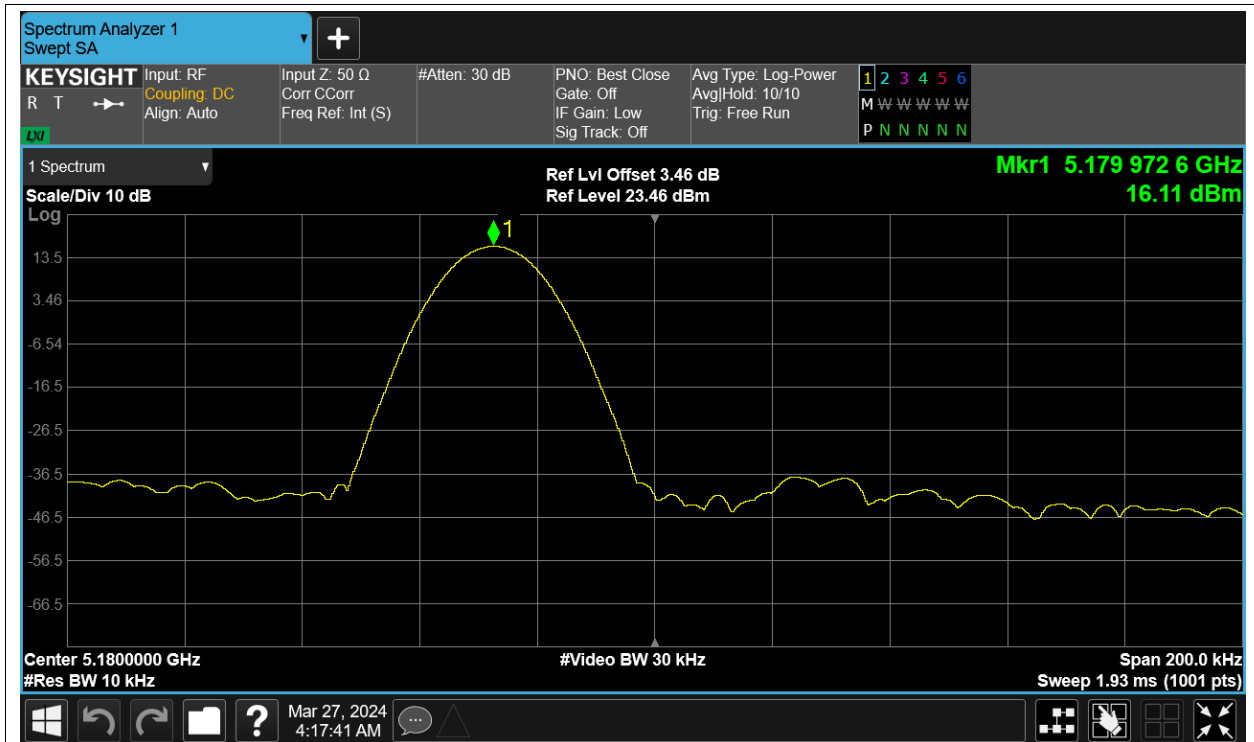
Freq. Stability LVNT a 5180MHz Ant12



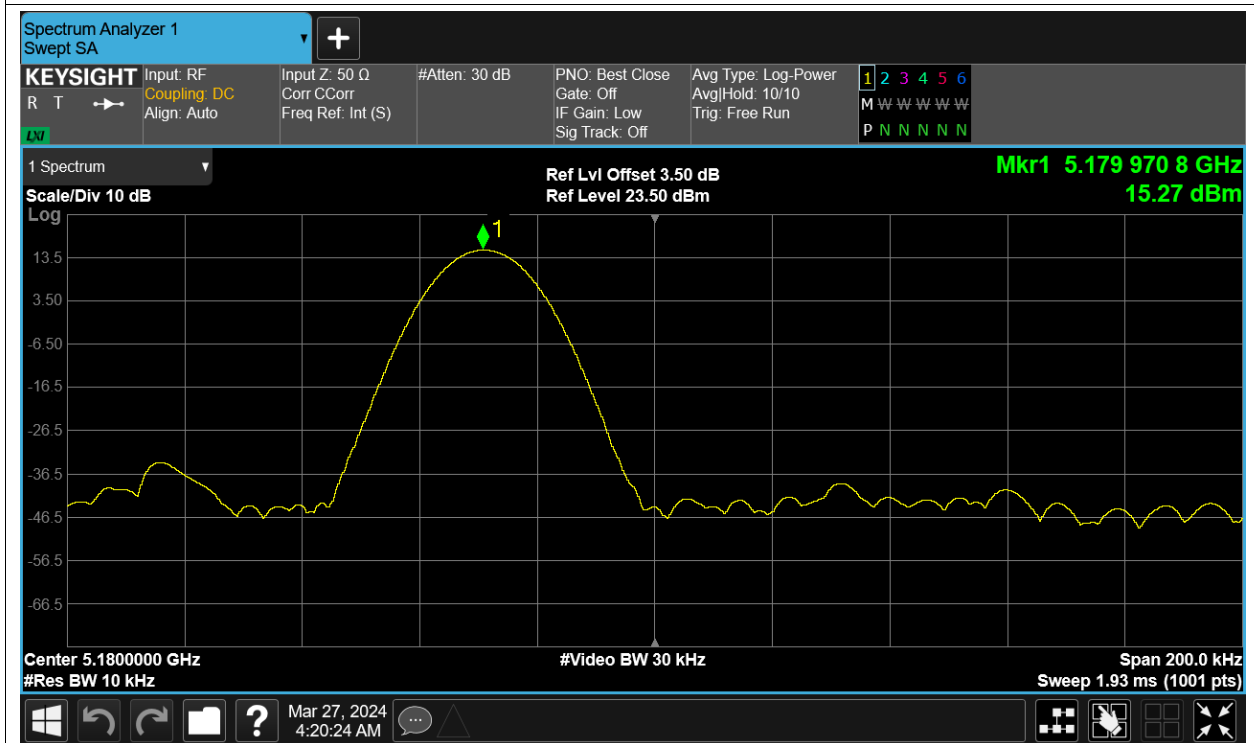
Freq. Stability LVNT a 5180MHz Ant4



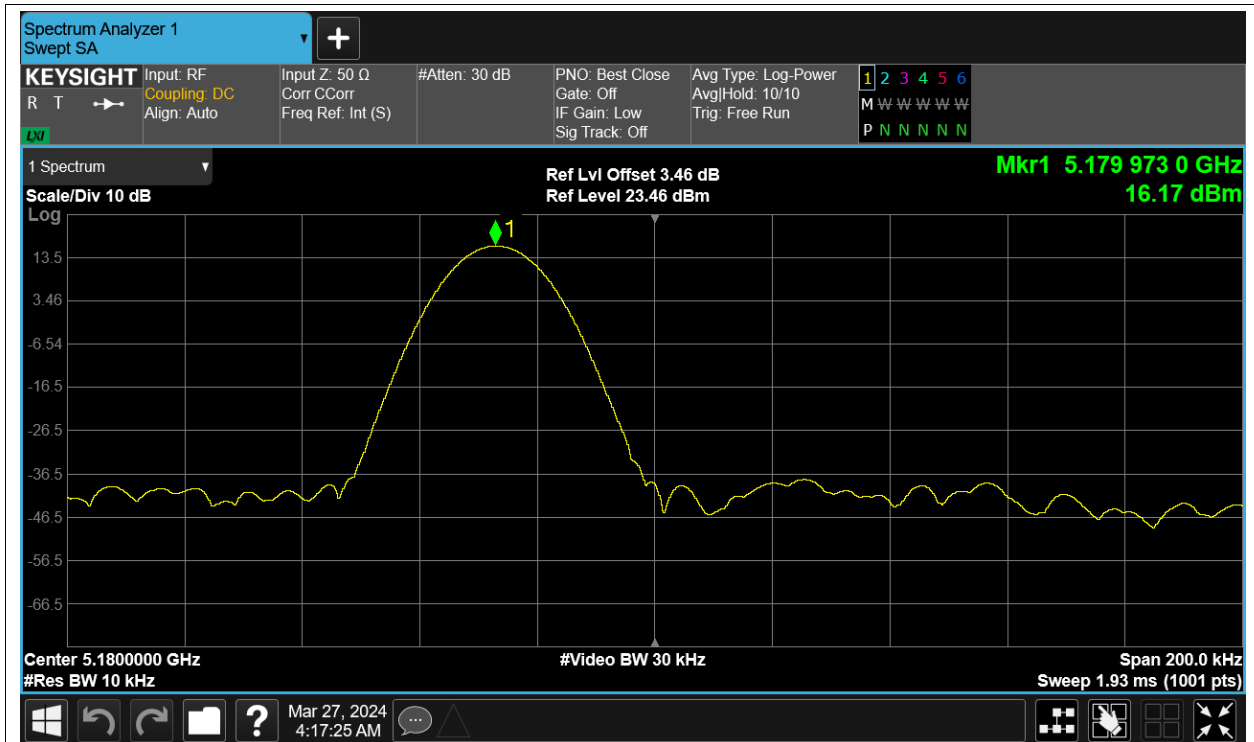
Freq. Stability NVHT a 5180MHz Ant12



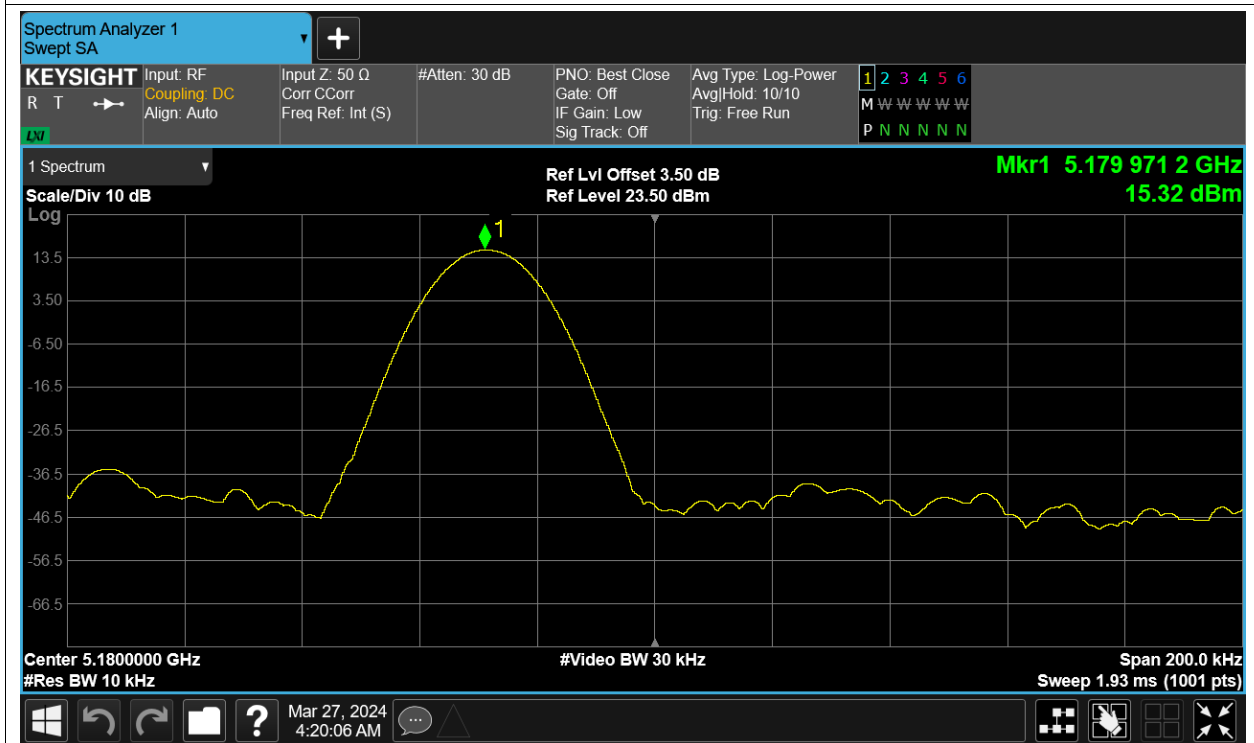
Freq. Stability NVHT a 5180MHz Ant4



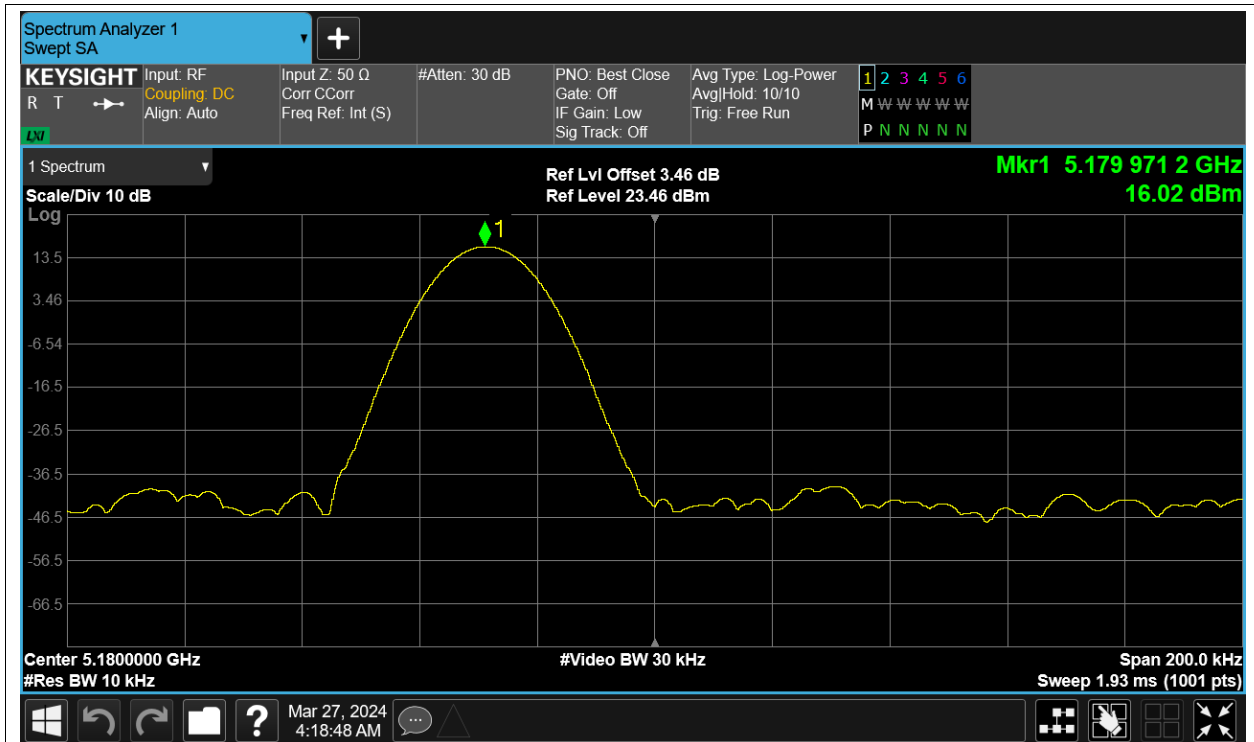
Freq. Stability NVLT a 5180MHz Ant12



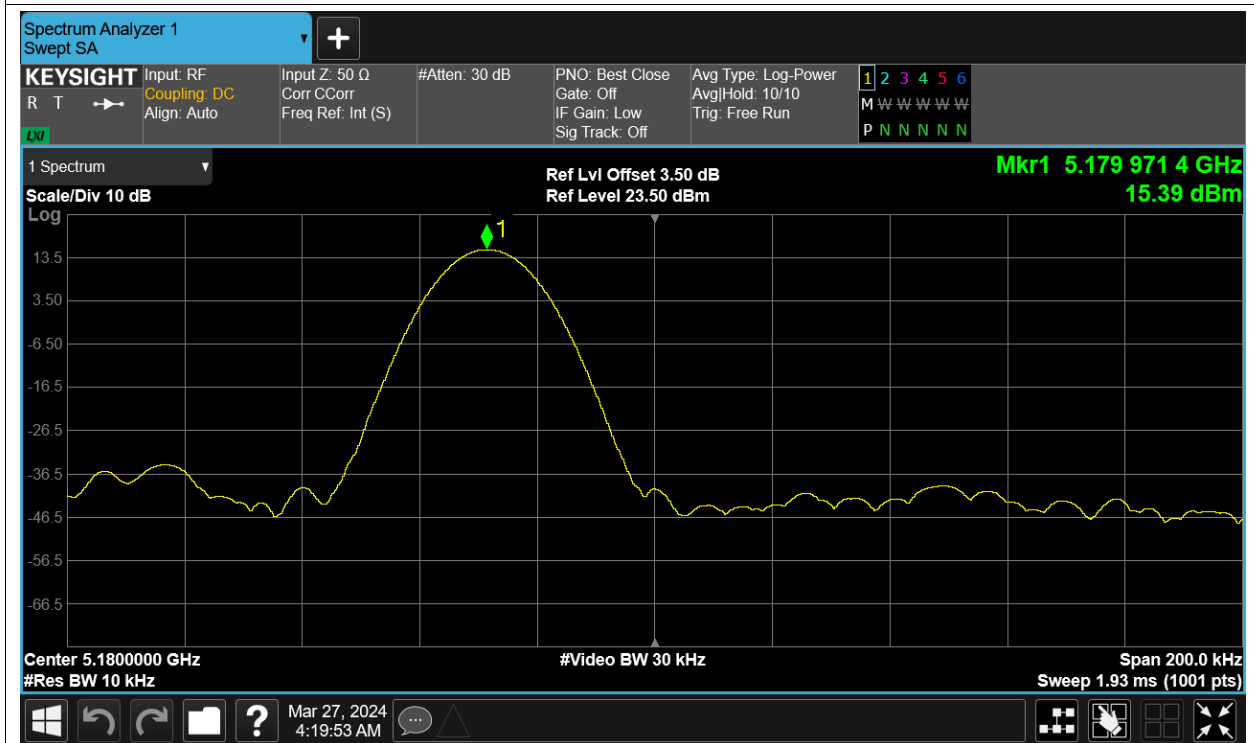
Freq. Stability NVLT a 5180MHz Ant4



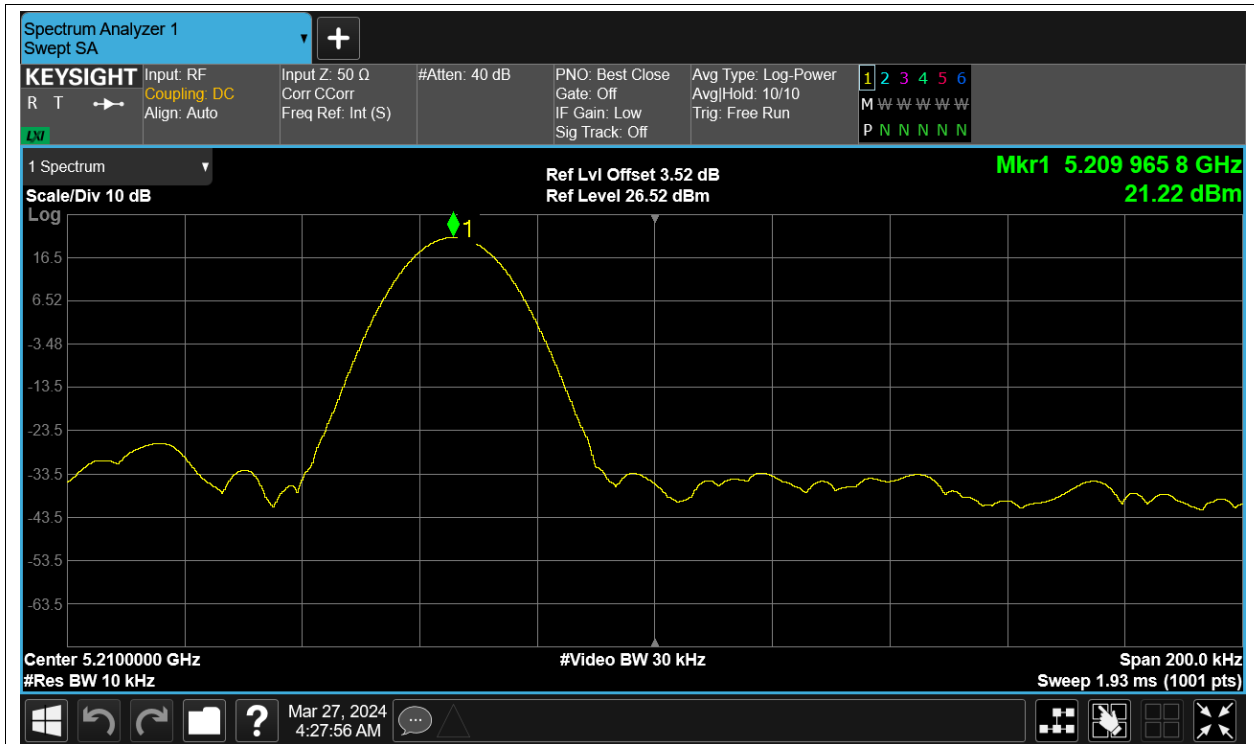
Freq. Stability NVNT a 5180MHz Ant12



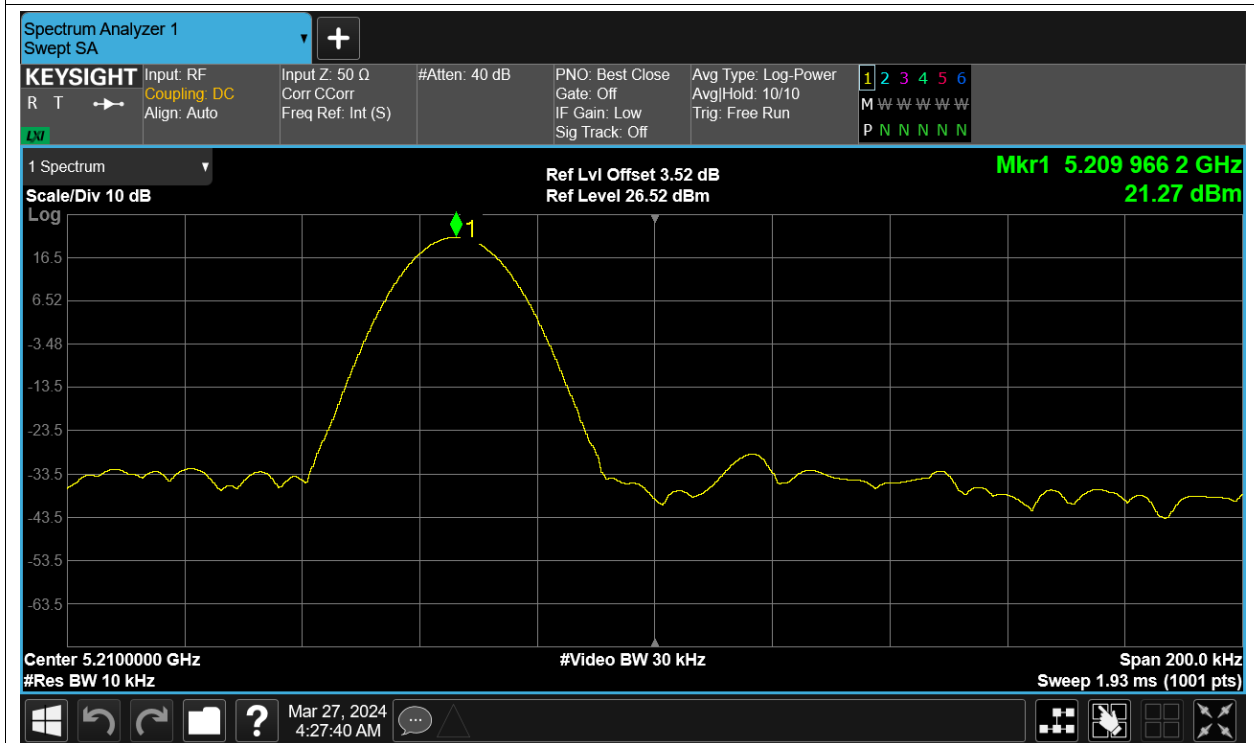
Freq. Stability NVNT a 5180MHz Ant4



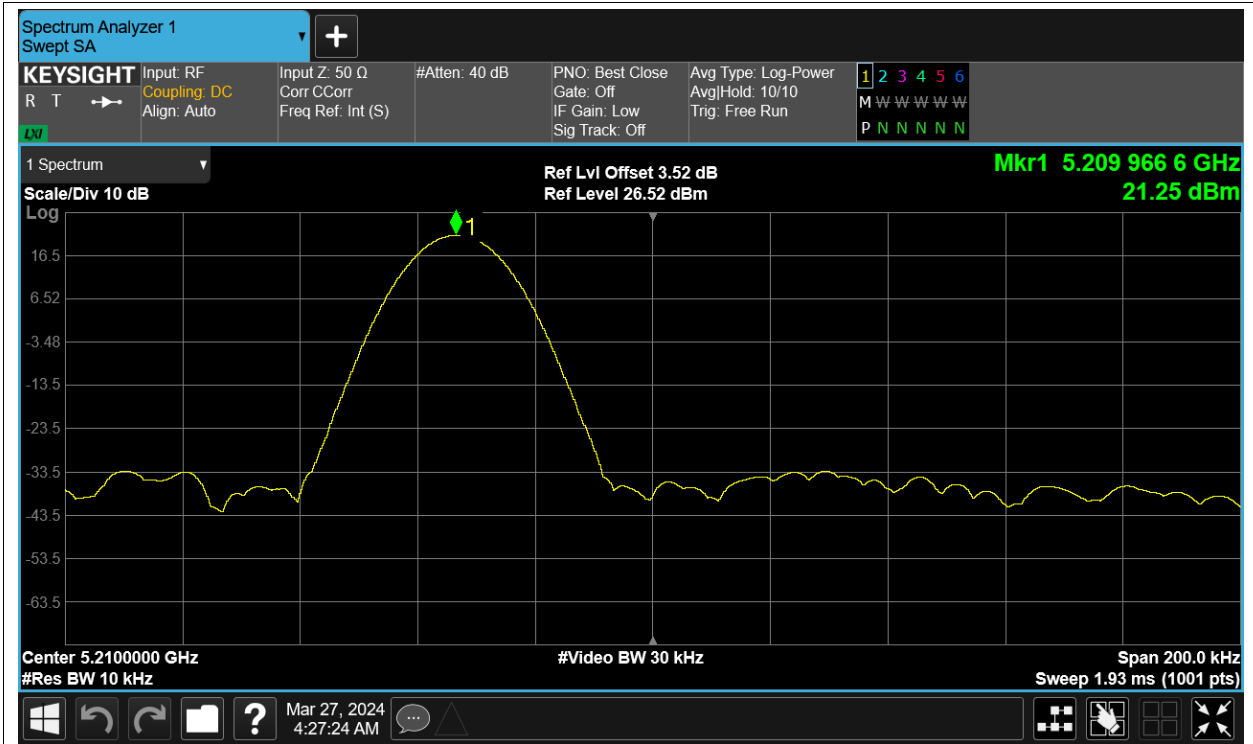
Freq. Stability HVNT ac80 5210MHz Sum



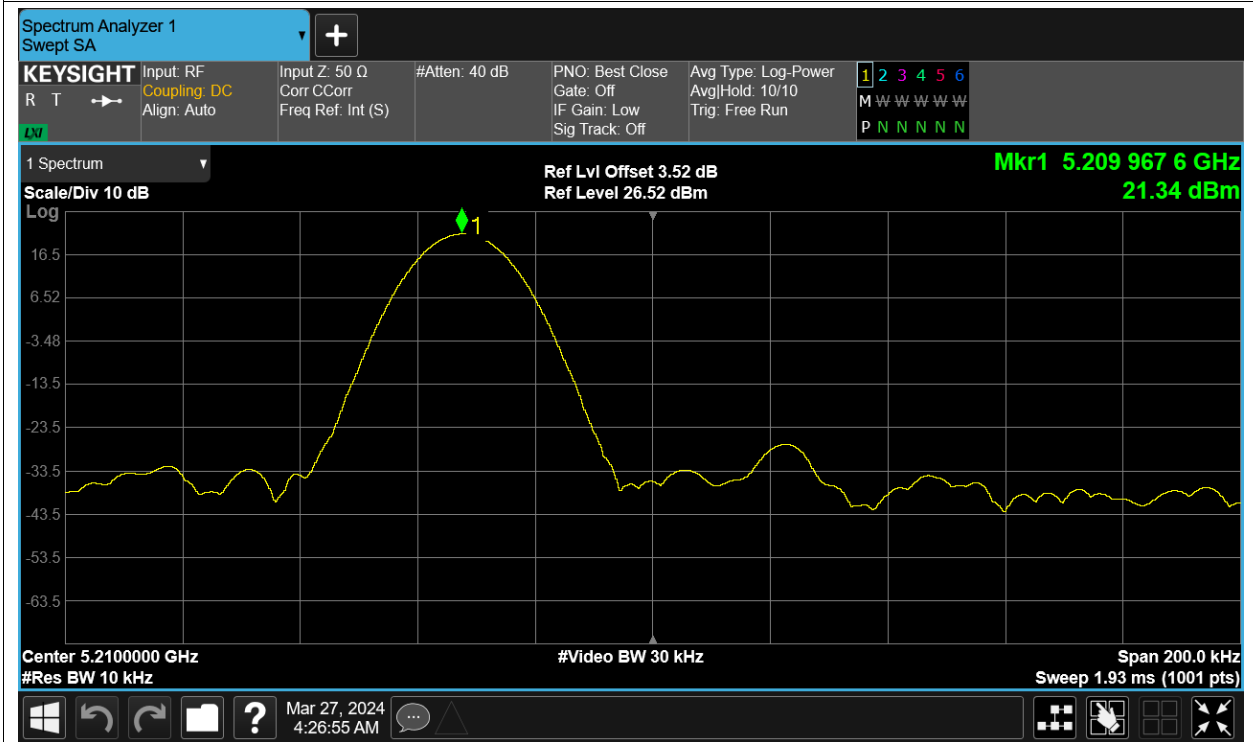
Freq. Stability LVNT ac80 5210MHz Sum



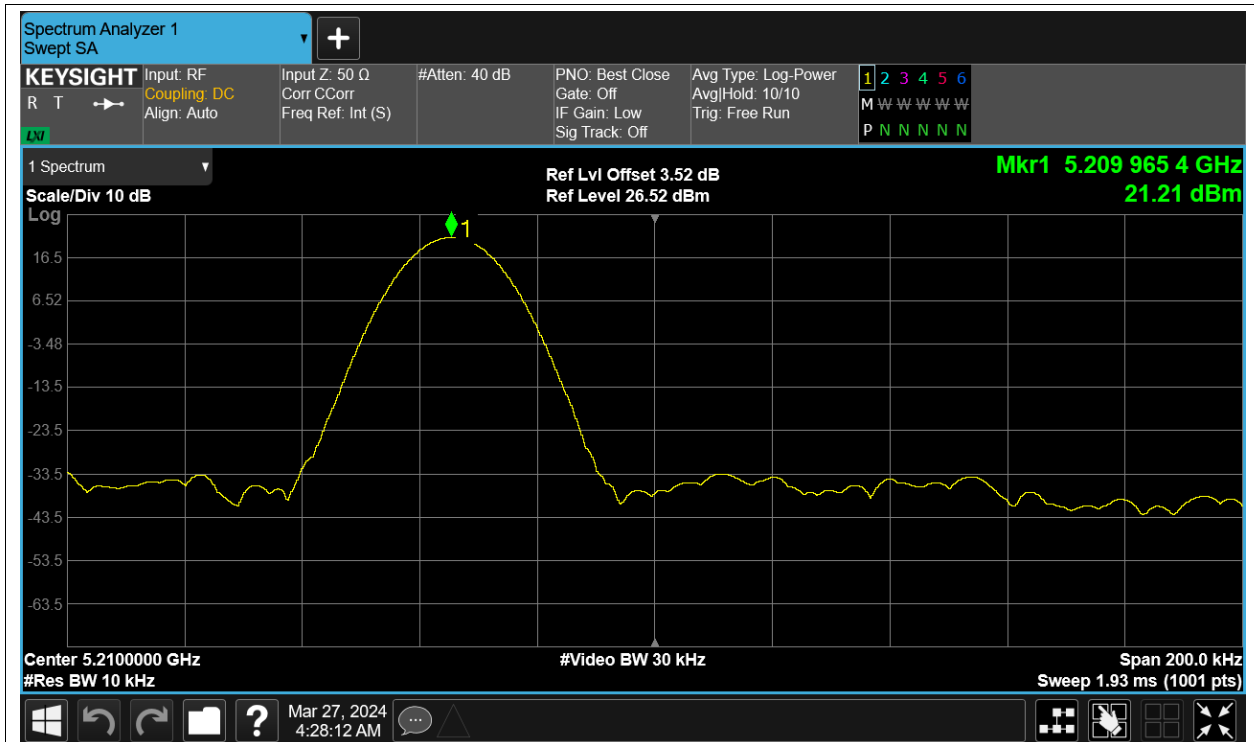
Freq. Stability NVHT ac80 5210MHz Sum



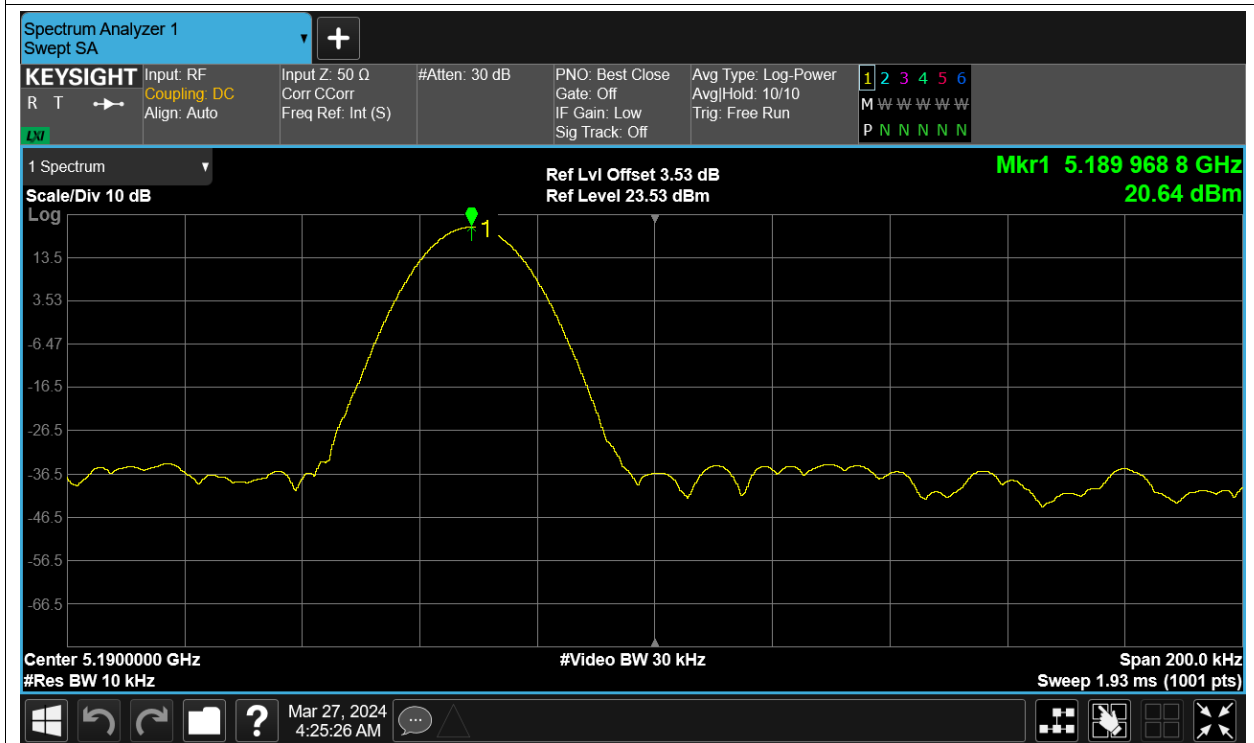
Freq. Stability NVLT ac80 5210MHz Sum



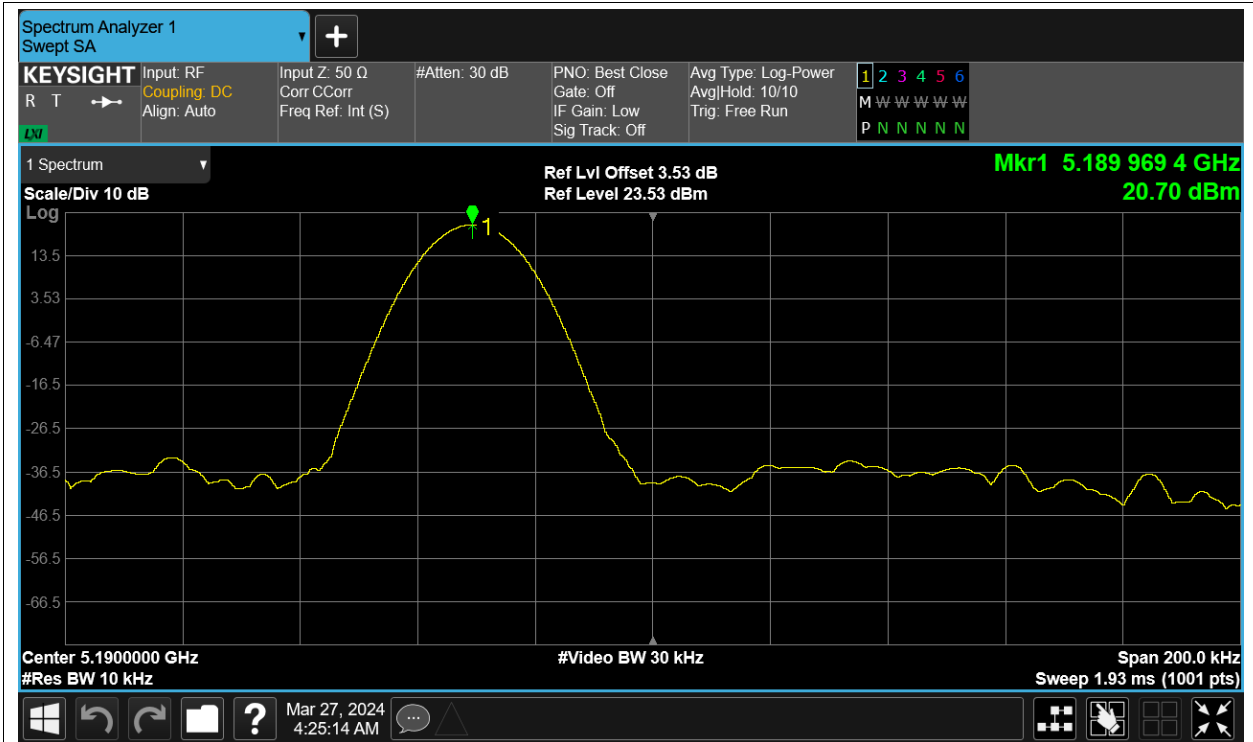
Freq. Stability NVNT ac80 5210MHz Sum



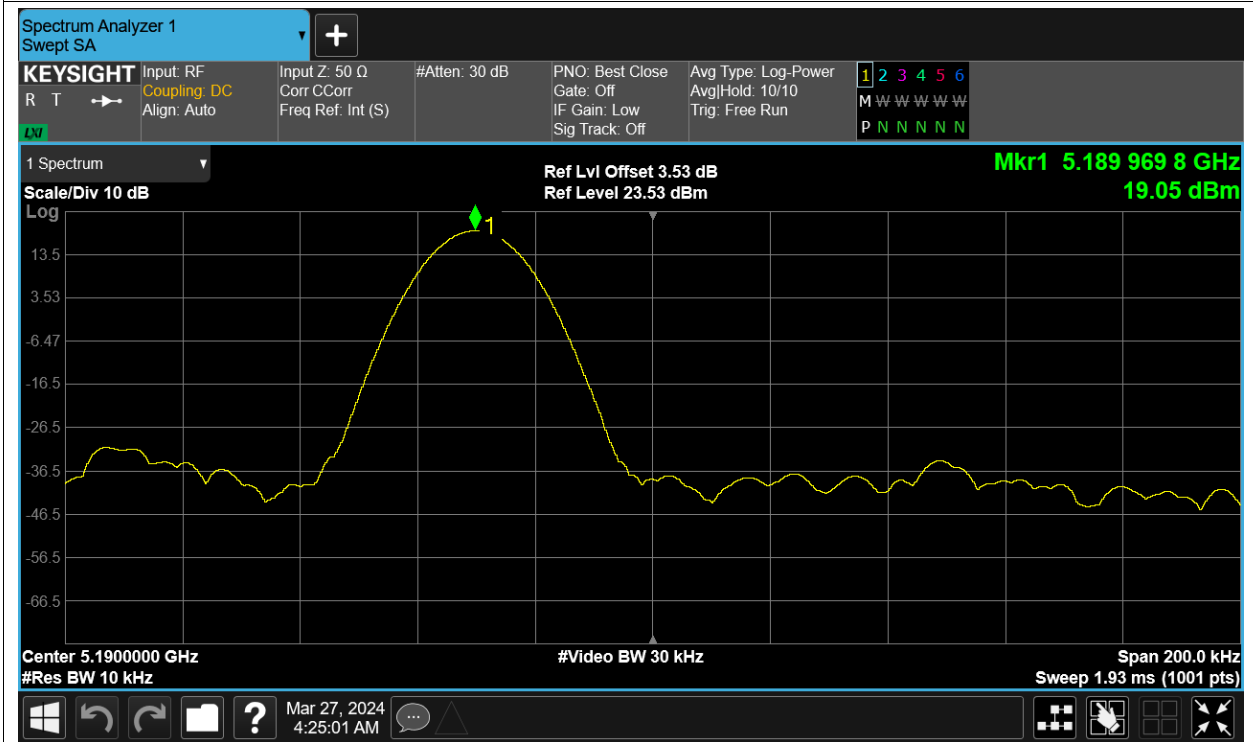
Freq. Stability HVNT n40 5190MHz Sum



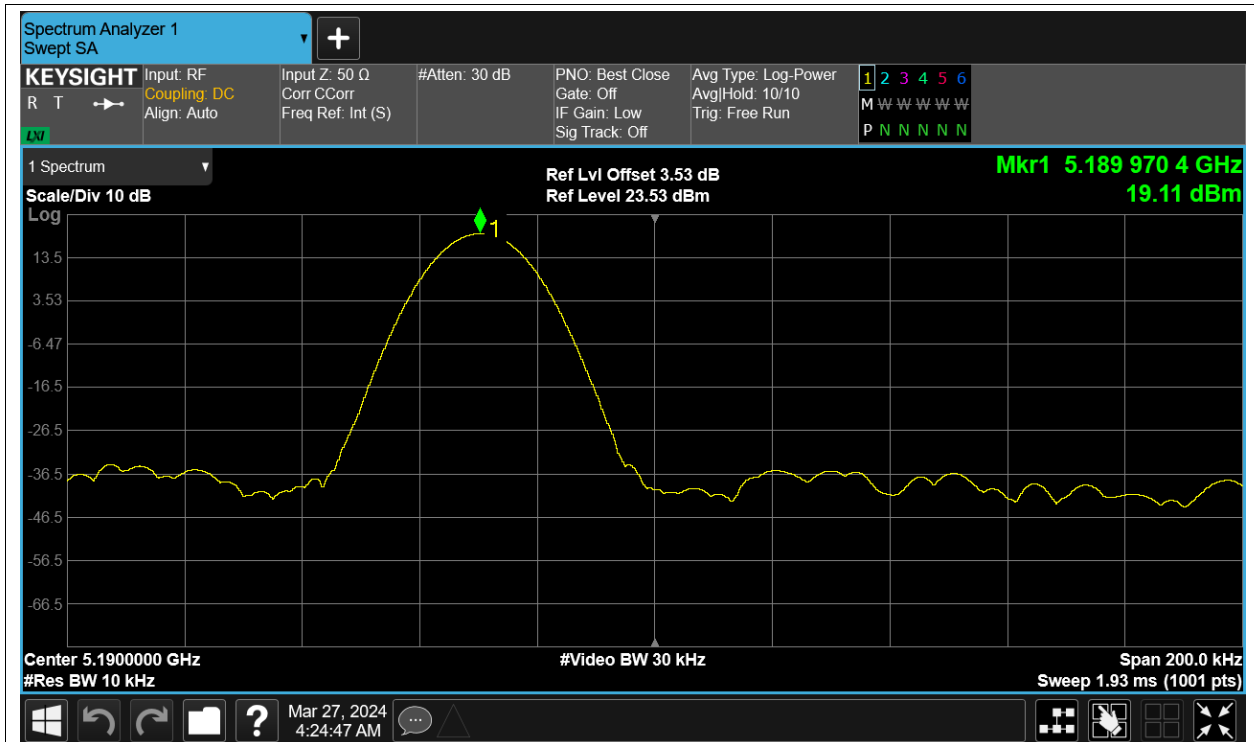
Freq. Stability LVNT n40 5190MHz Sum



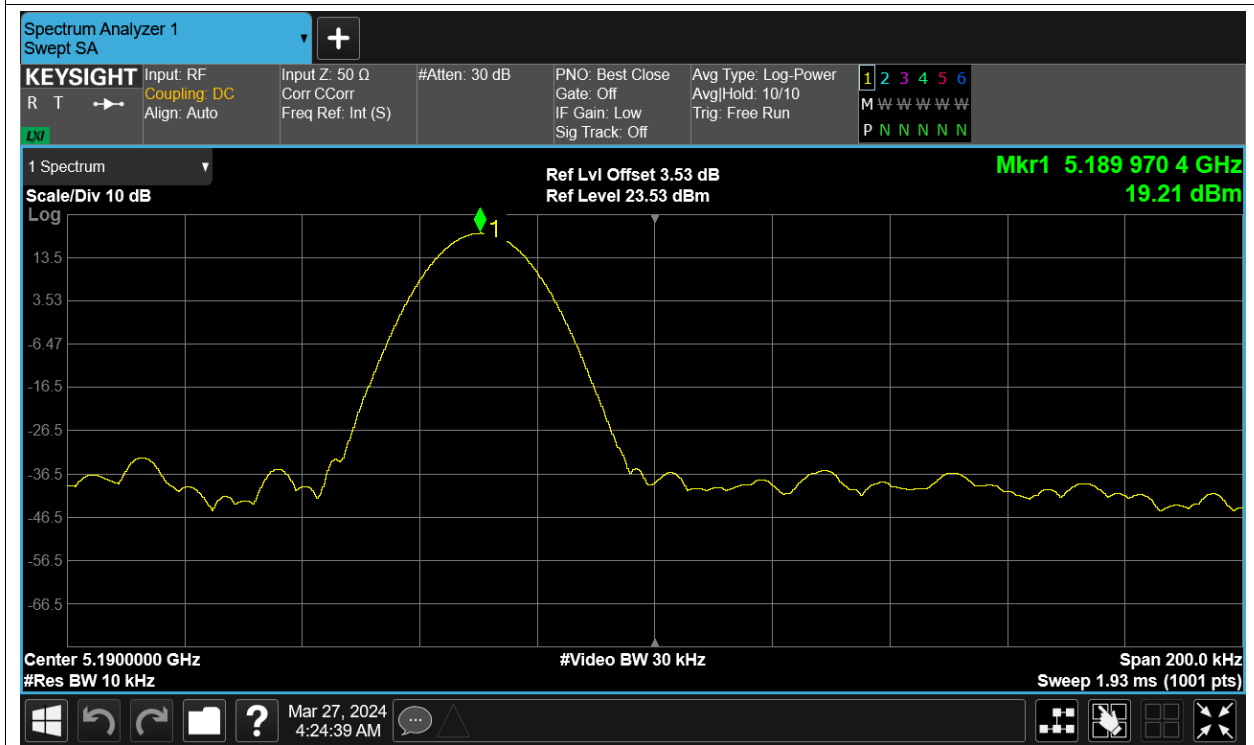
Freq. Stability NVHT n40 5190MHz Sum



Freq. Stability NVLT n40 5190MHz Sum

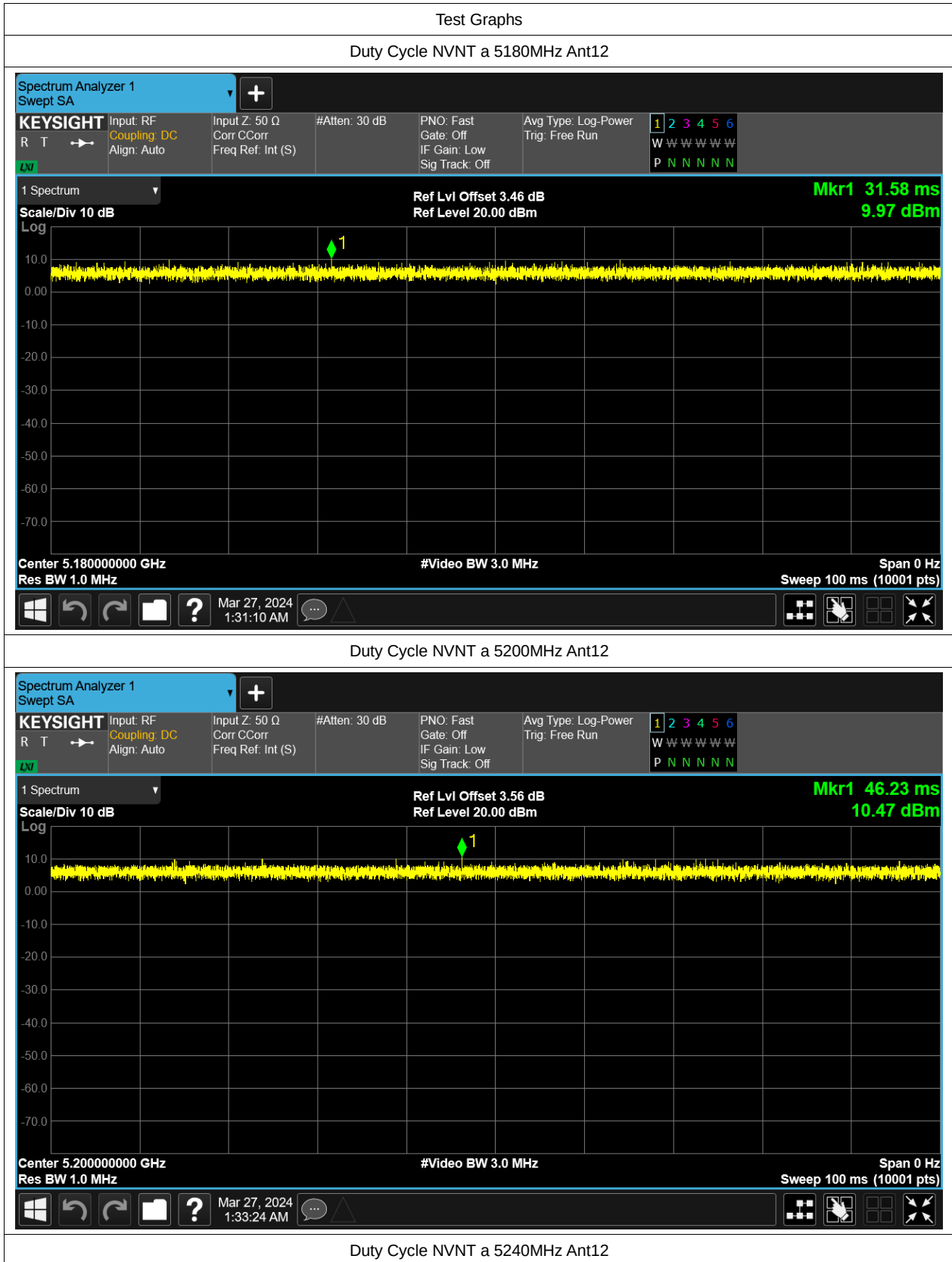


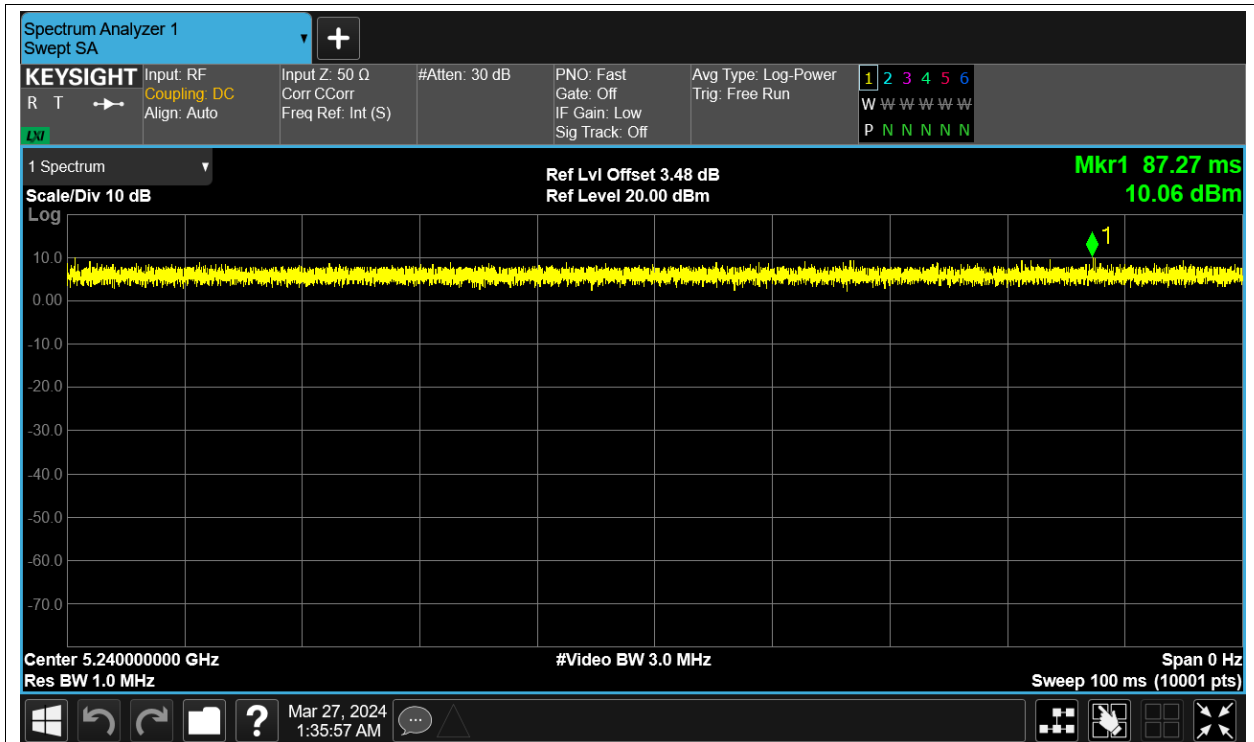
Freq. Stability NVNT n40 5190MHz Sum



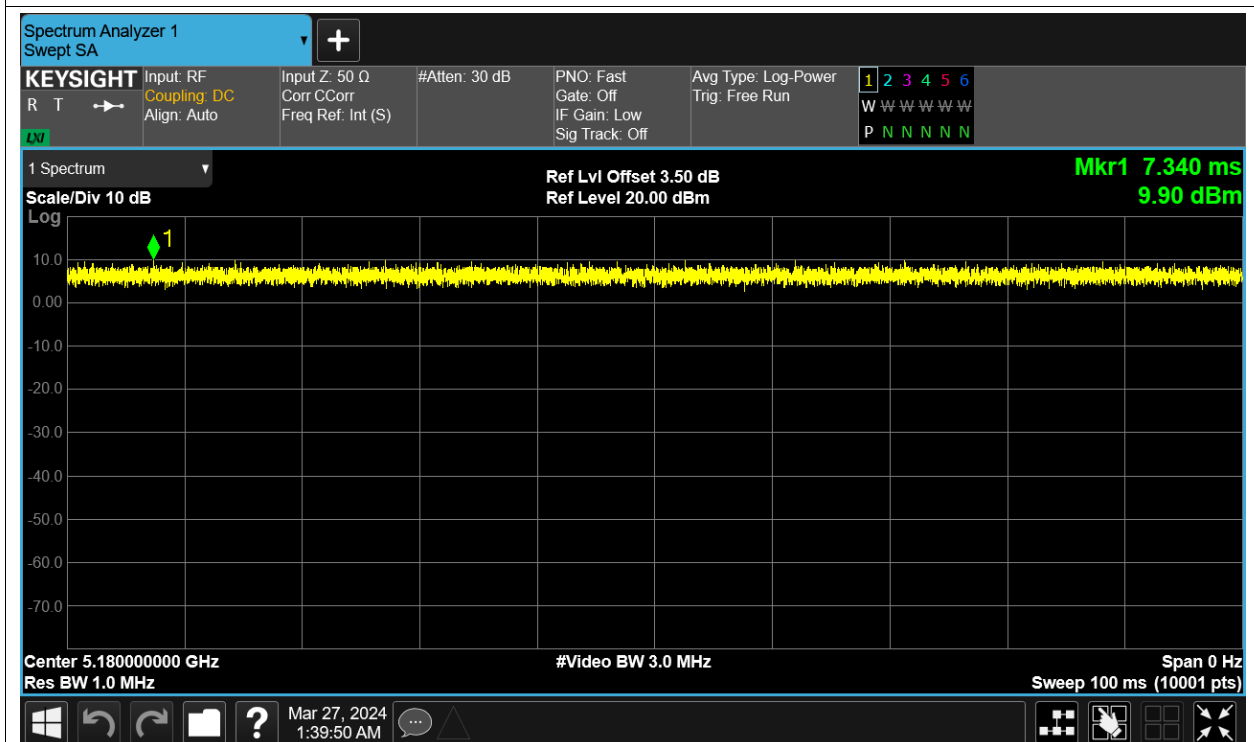
Duty Cycle

Condition	Mode	Frequency (MHz)	Antenna	Duty Cycle (%)	Correction Factor (dB)
NVNT	a	5180	Ant12	100	0
NVNT	a	5200	Ant12	100	0
NVNT	a	5240	Ant12	100	0
NVNT	a	5180	Ant4	100	0
NVNT	a	5200	Ant4	100	0
NVNT	a	5240	Ant4	100	0
NVNT	ac20	5180	Sum	100	0
NVNT	ac20	5200	Sum	100	0
NVNT	ac20	5240	Sum	100	0
NVNT	ac40	5190	Sum	100	0
NVNT	ac40	5230	Sum	100	0
NVNT	ac80	5210	Sum	100	0
NVNT	ax20	5180	Sum	100	0
NVNT	ax20	5200	Sum	100	0
NVNT	ax20	5240	Sum	100	0
NVNT	ax40	5190	Sum	100	0
NVNT	ax40	5230	Sum	100	0
NVNT	ax80	5210	Sum	100	0
NVNT	n20	5180	Sum	100	0
NVNT	n20	5200	Sum	100	0
NVNT	n20	5240	Sum	100	0
NVNT	n40	5190	Sum	100	0
NVNT	n40	5230	Sum	100	0

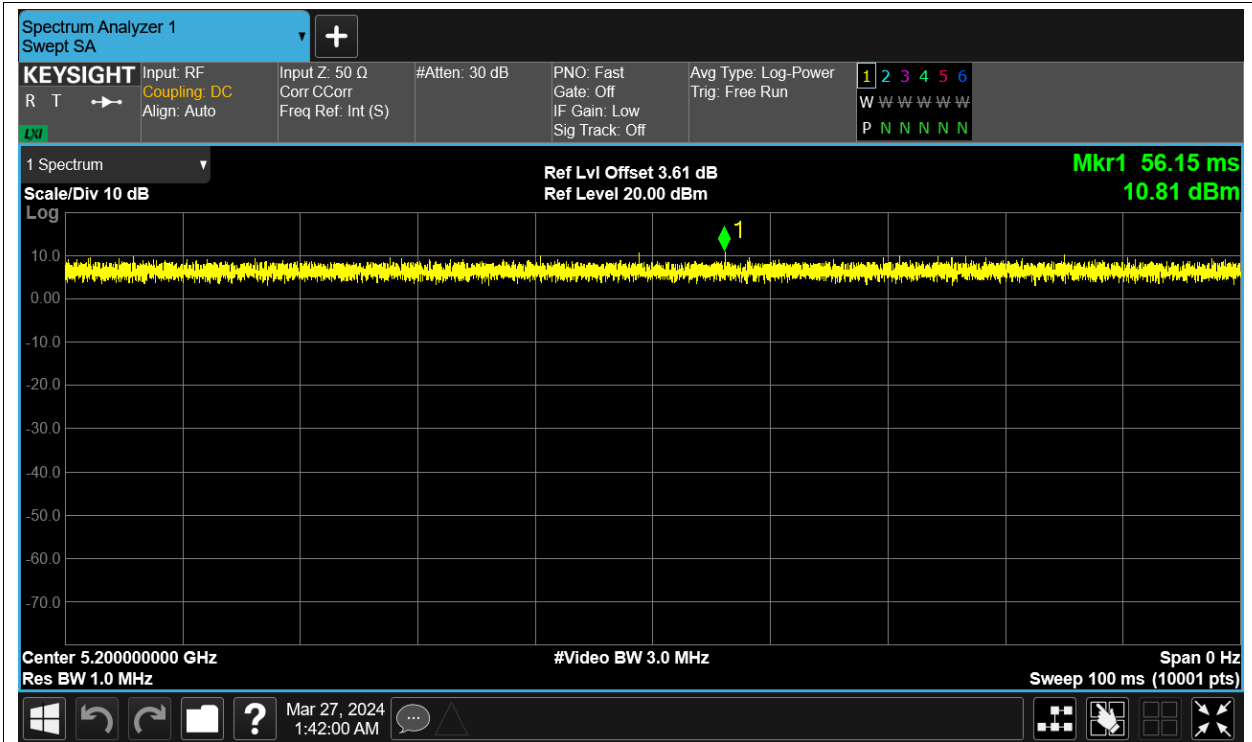




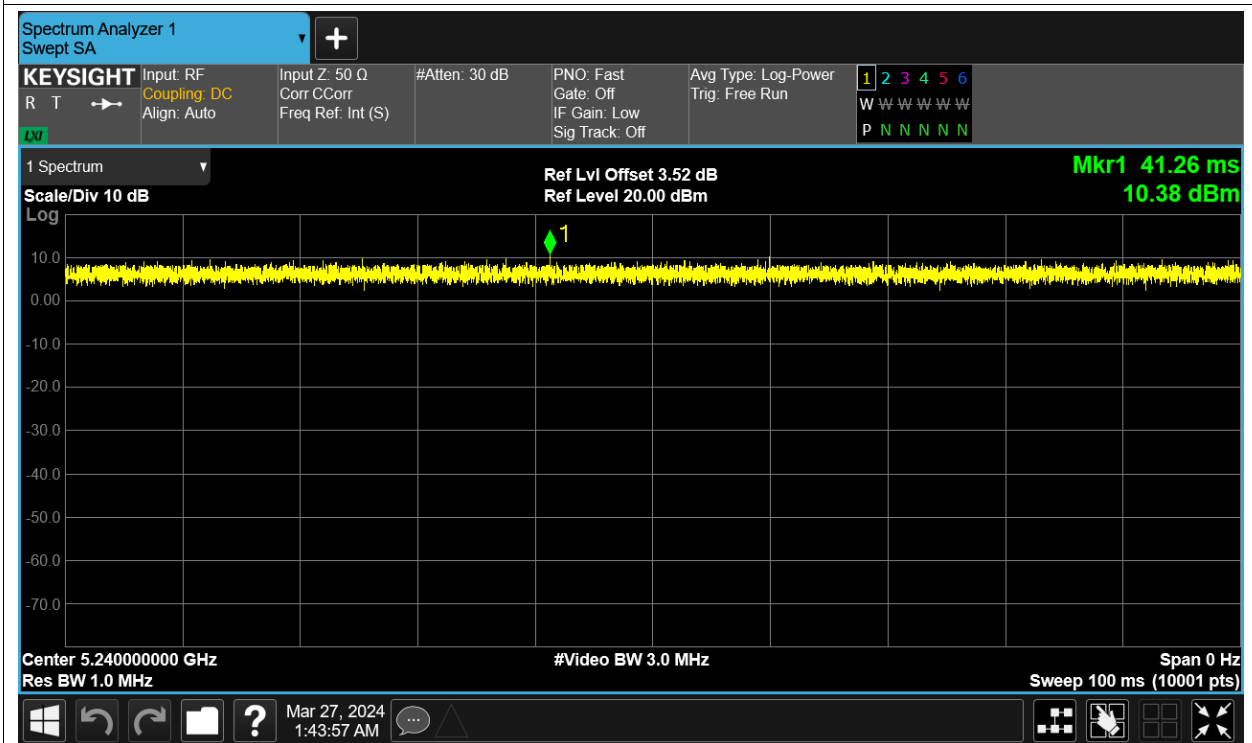
Duty Cycle NVNT a 5180MHz Ant4



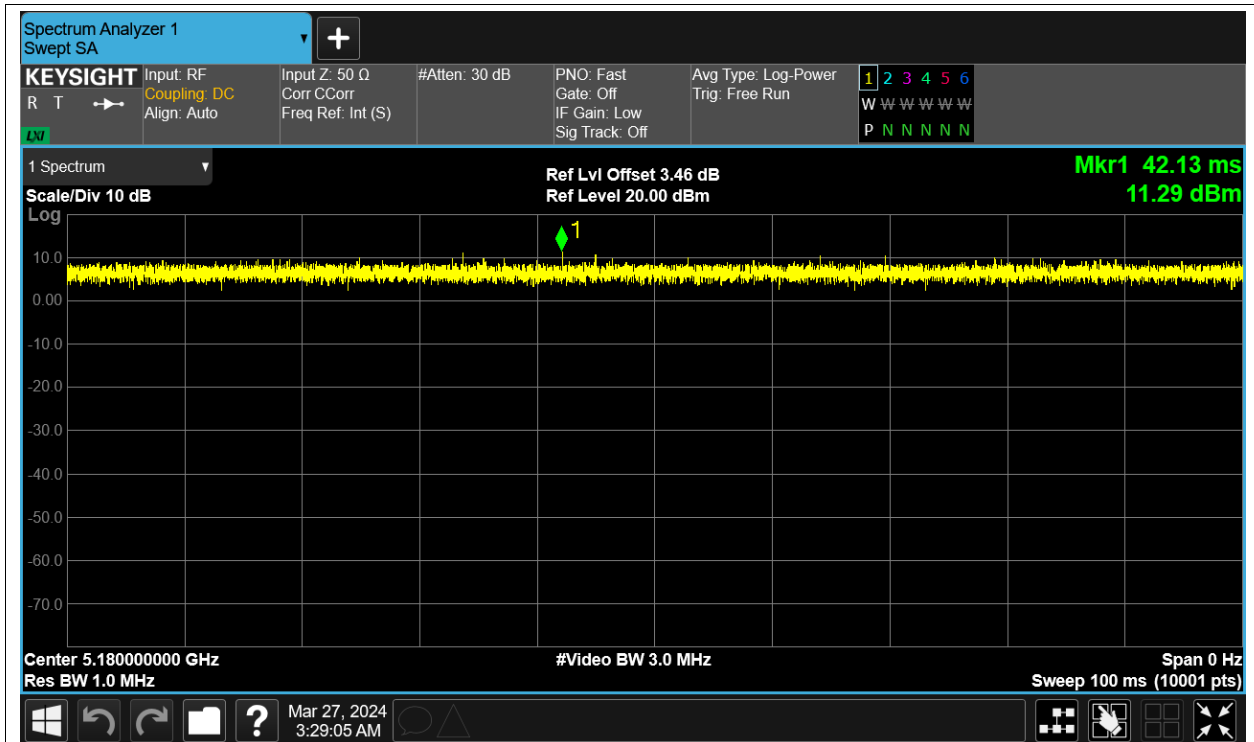
Duty Cycle NVNT a 5200MHz Ant4



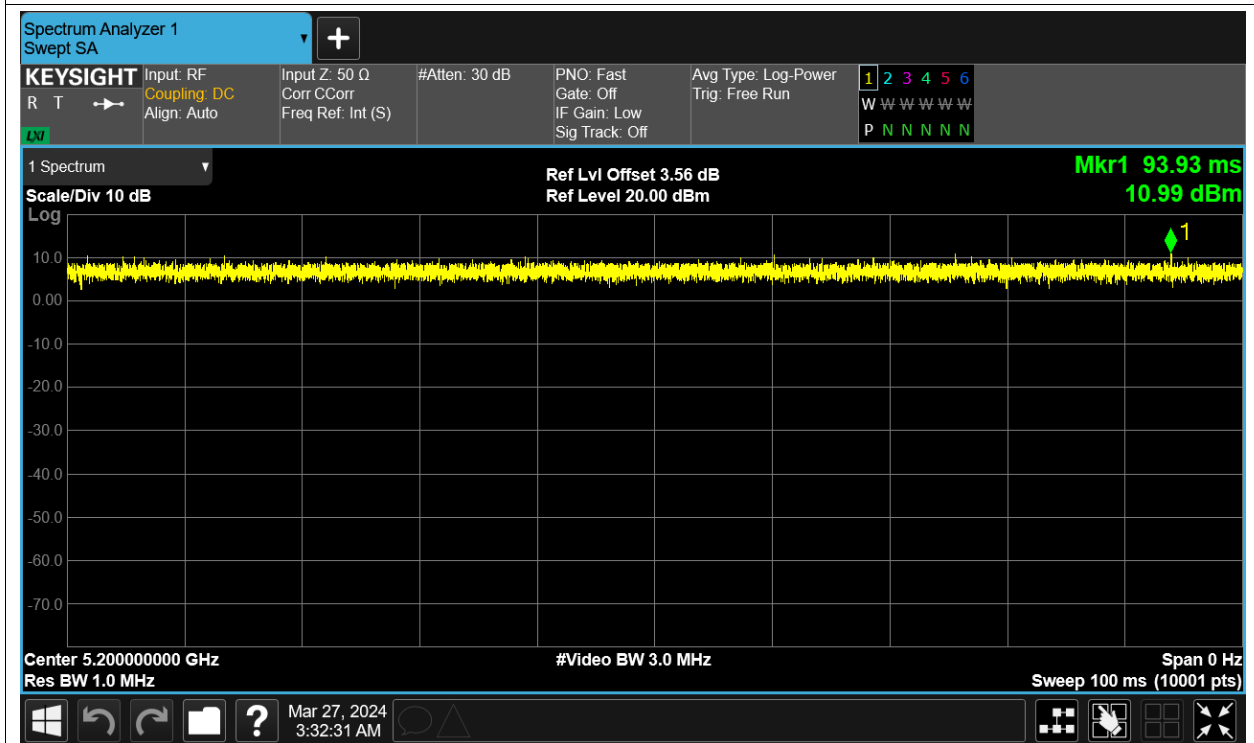
Duty Cycle NVNT a 5240MHz Ant4



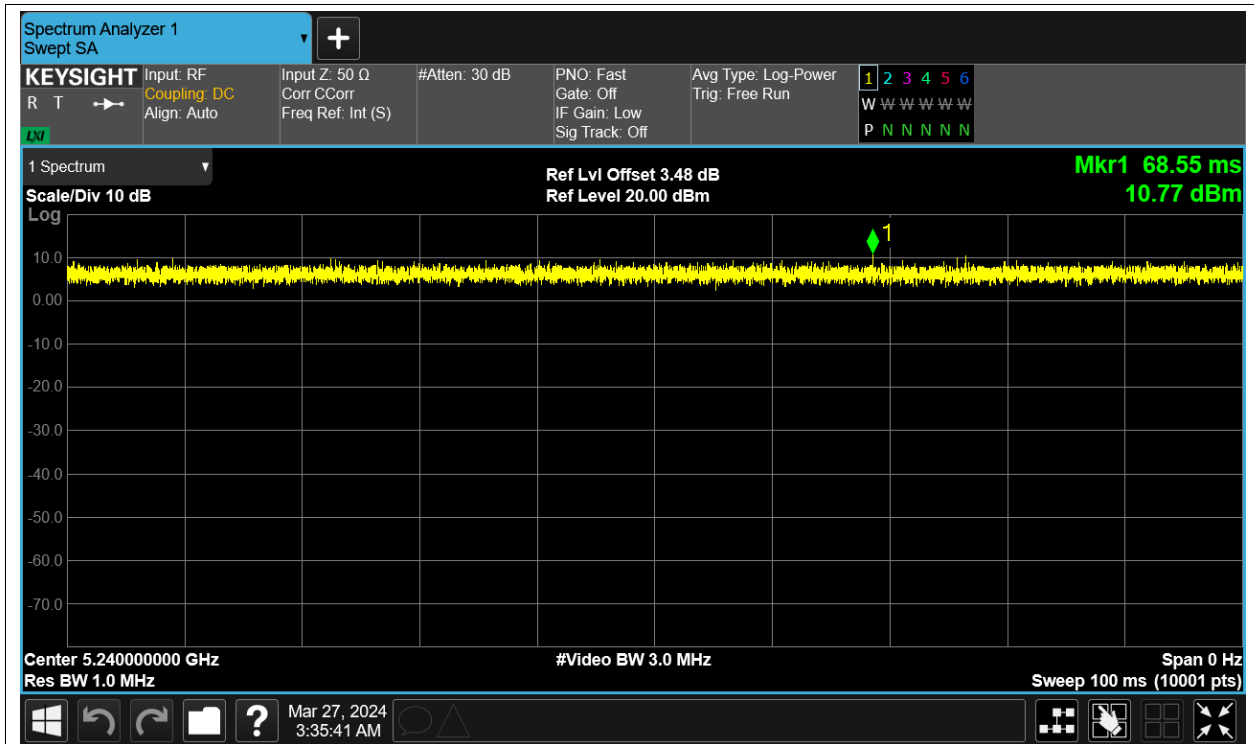
Duty Cycle NVNT ac20 5180MHz Sum



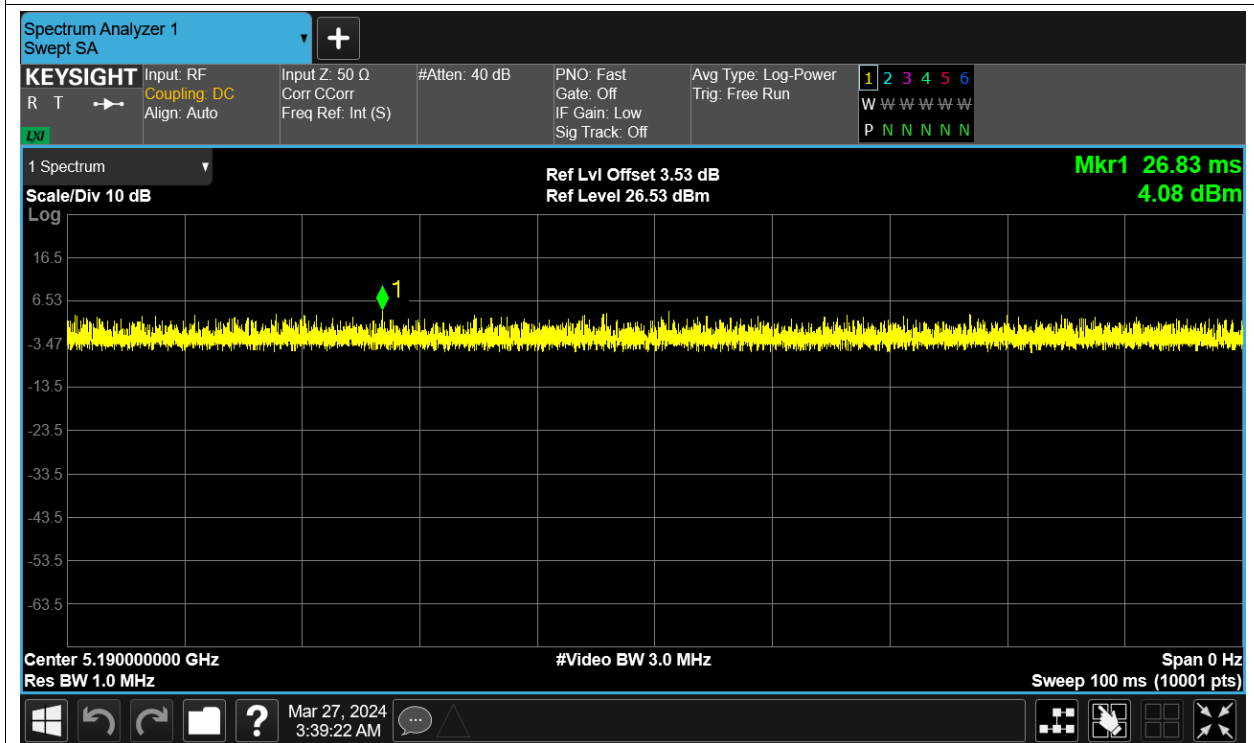
Duty Cycle NVNT ac20 5200MHz Sum



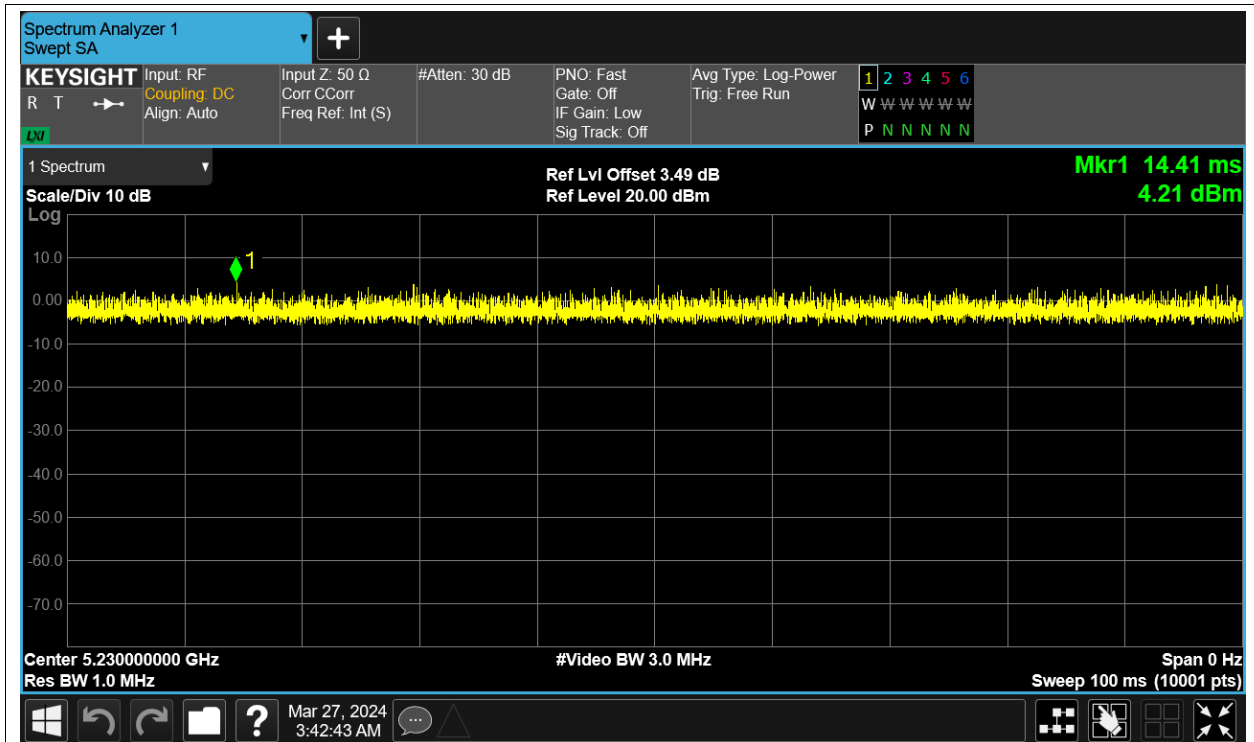
Duty Cycle NVNT ac20 5240MHz Sum



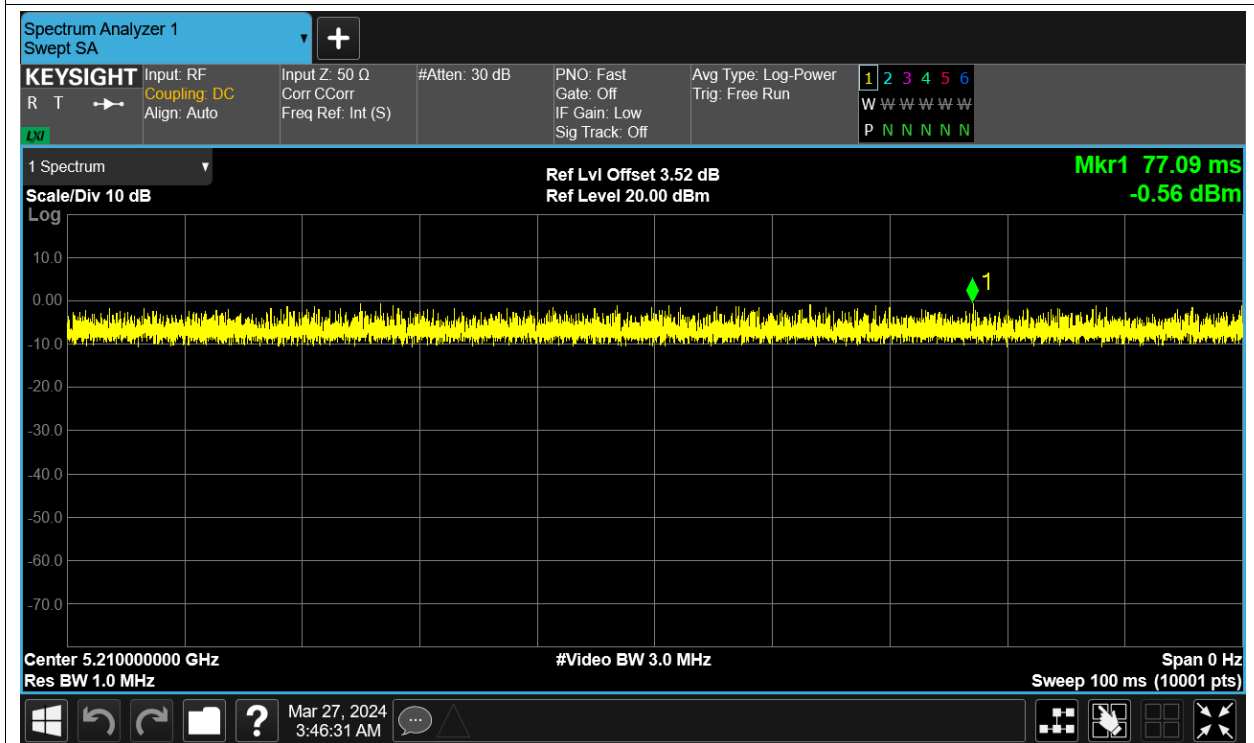
Duty Cycle NVNT ac40 5190MHz Sum



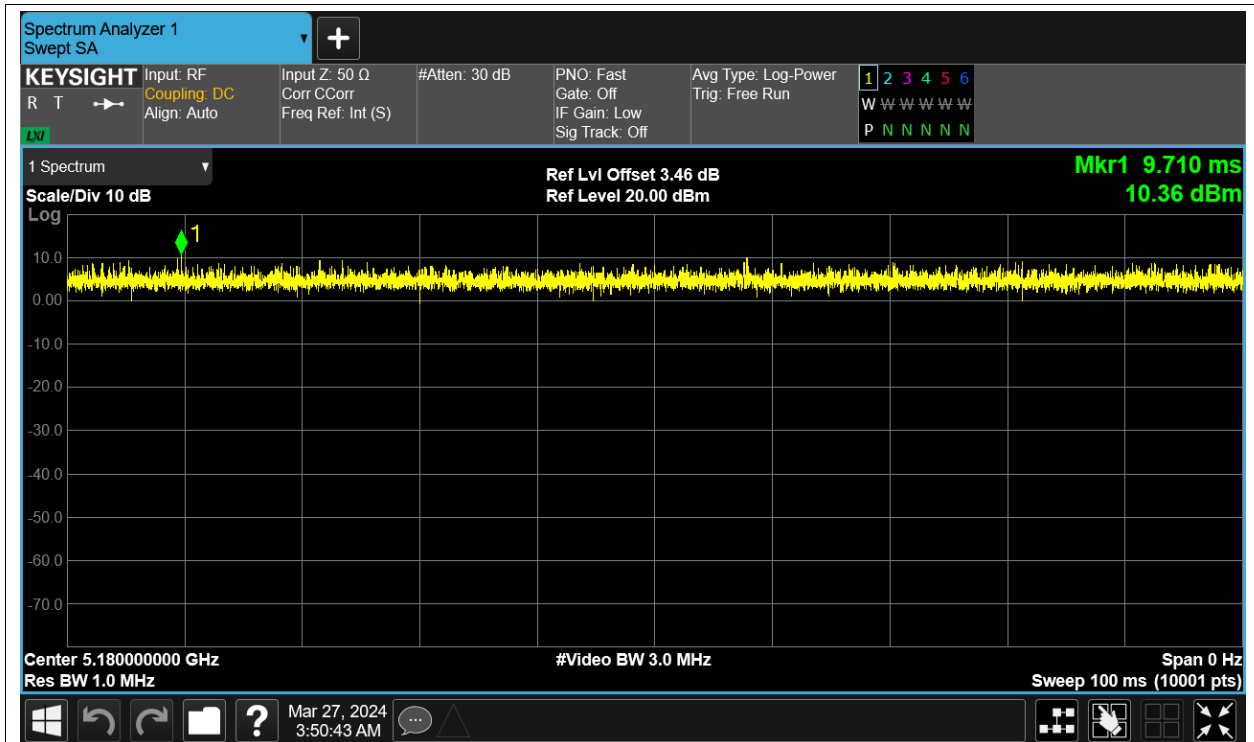
Duty Cycle NVNT ac40 5230MHz Sum



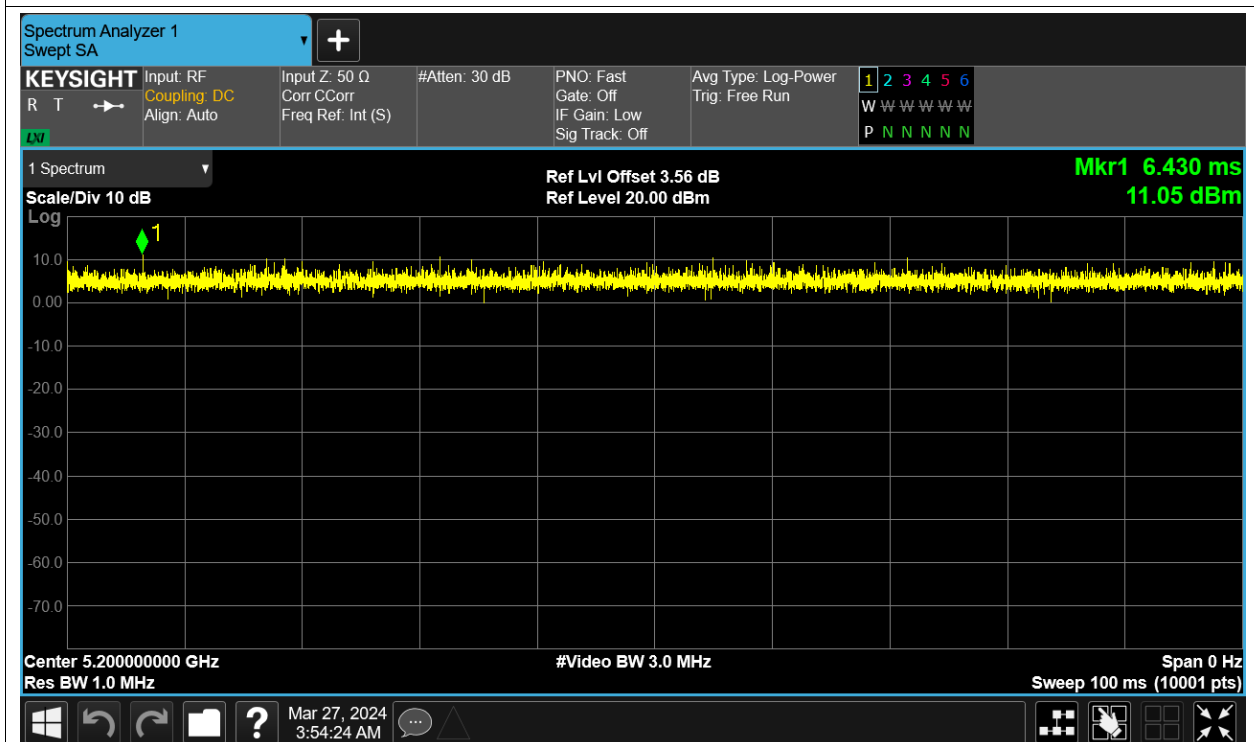
Duty Cycle NVNT ac80 5210MHz Sum



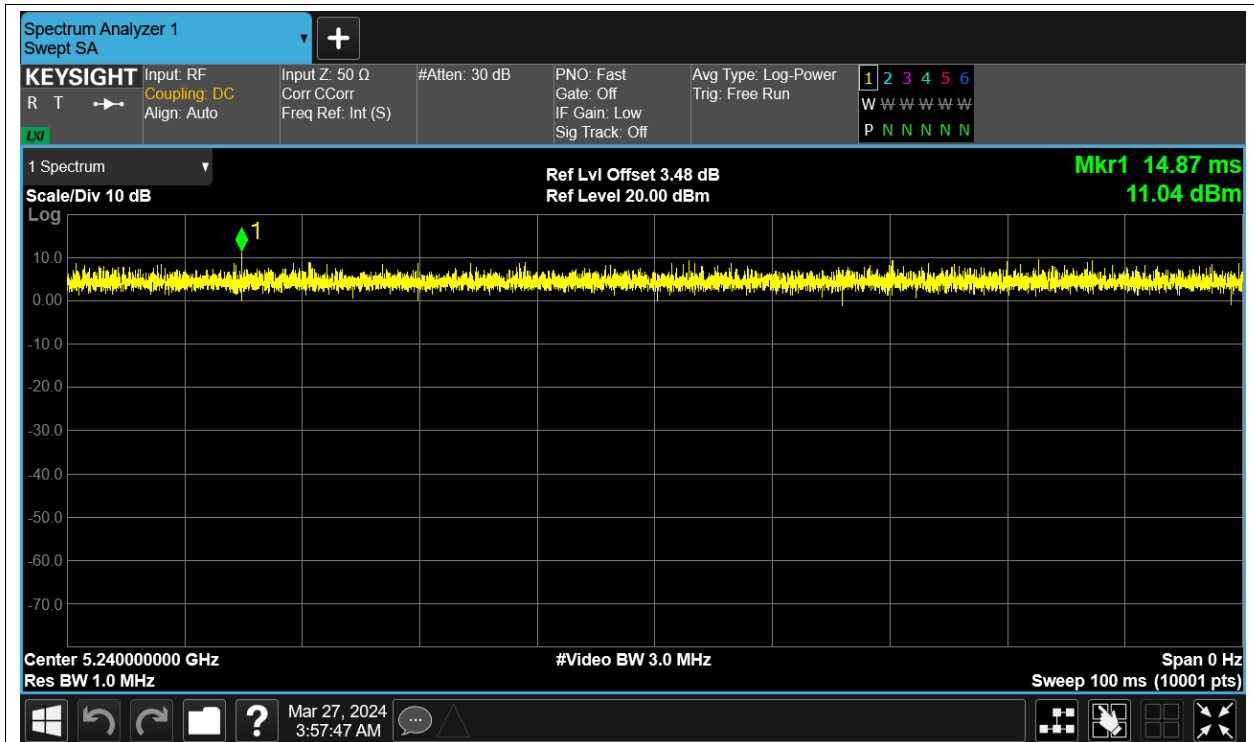
Duty Cycle NVNT ax20 5180MHz Sum



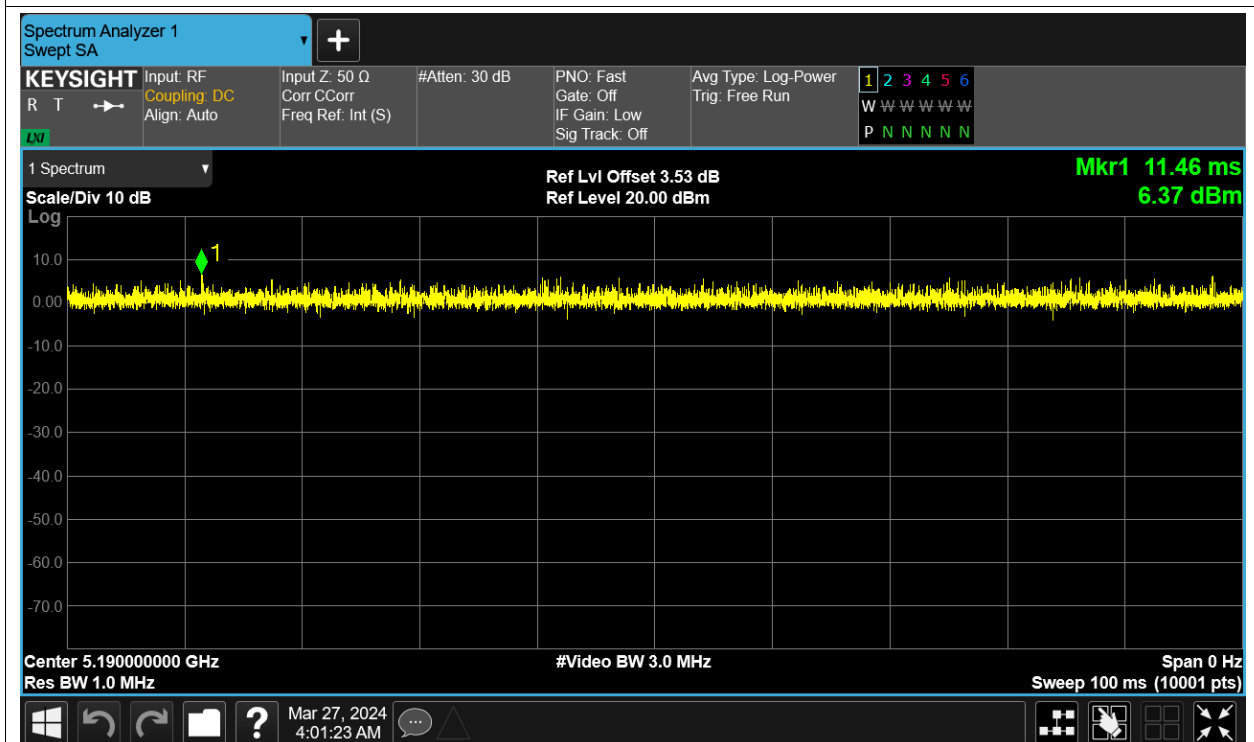
Duty Cycle NVNT ax20 5200MHz Sum



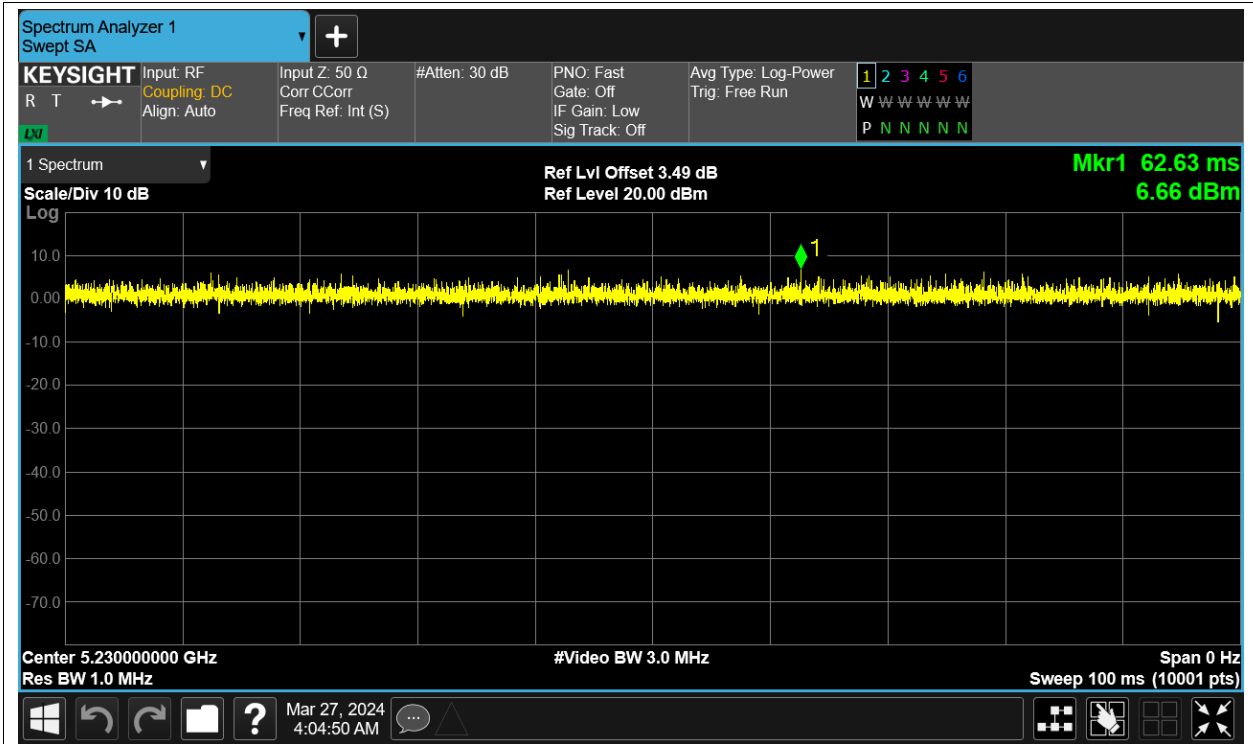
Duty Cycle NVNT ax20 5240MHz Sum



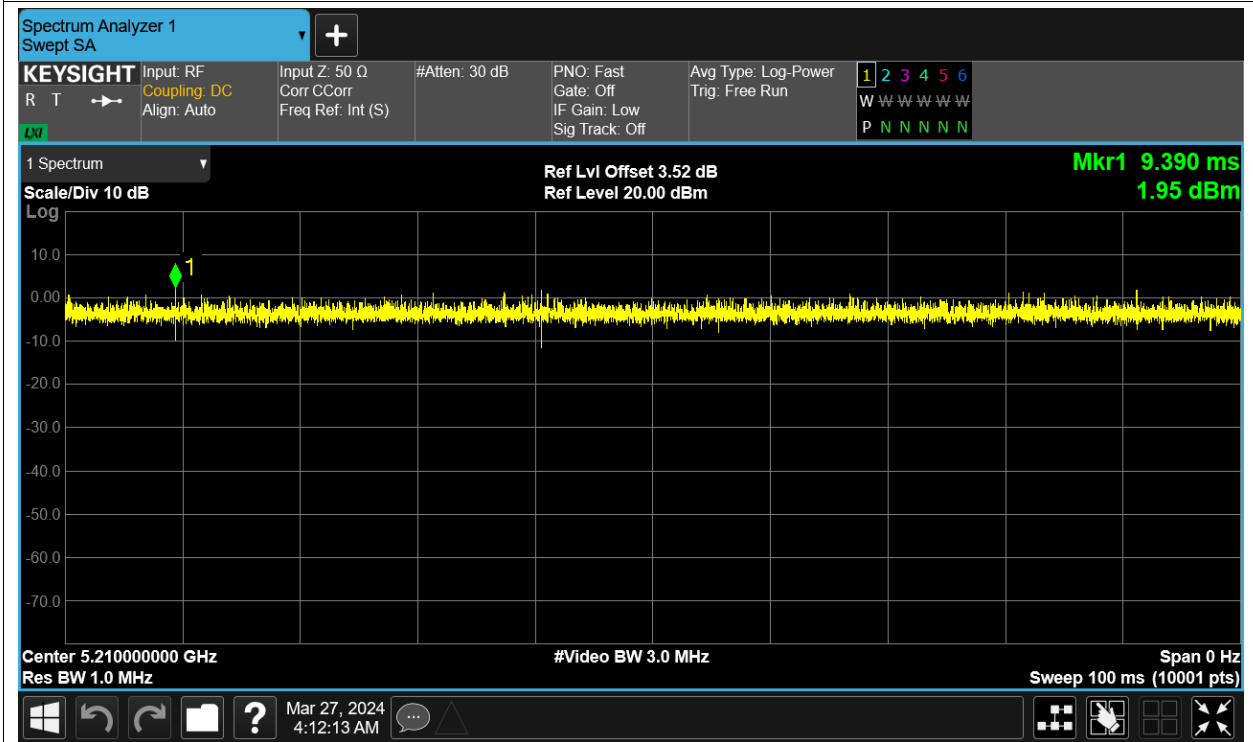
Duty Cycle NVNT ax40 5190MHz Sum



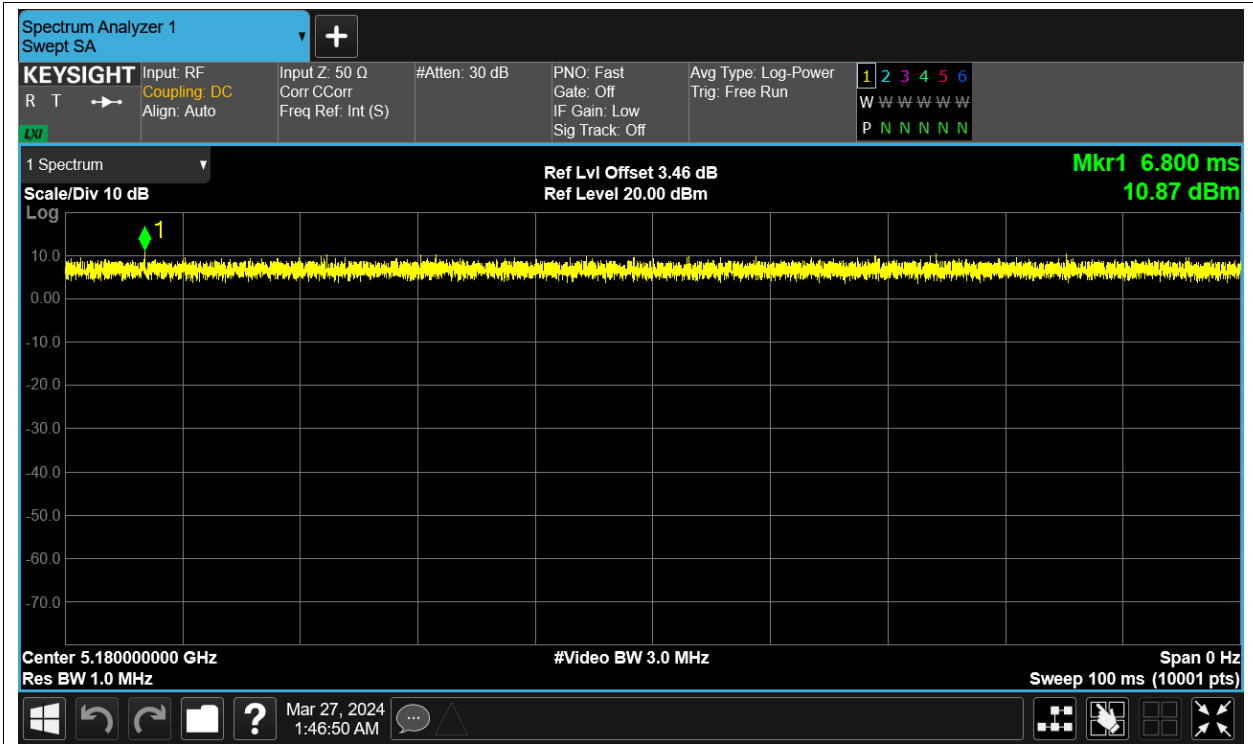
Duty Cycle NVNT ax40 5230MHz Sum



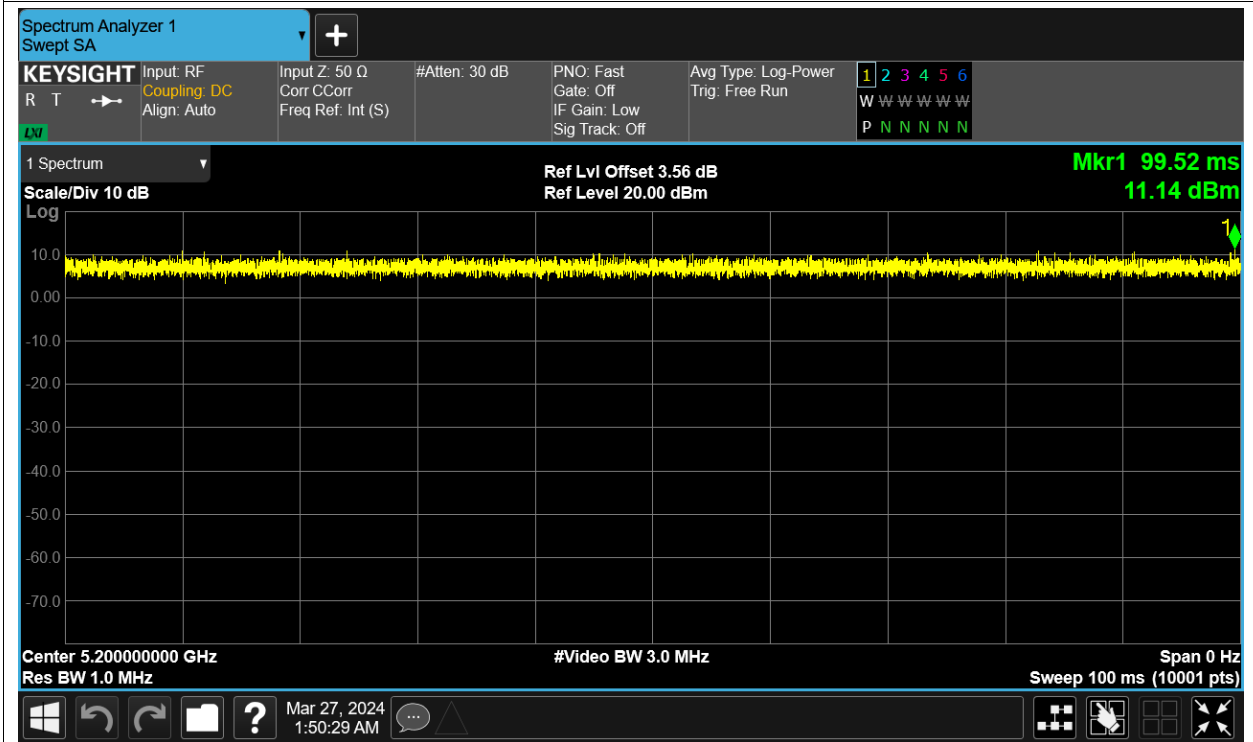
Duty Cycle NVNT ax80 5210MHz Sum



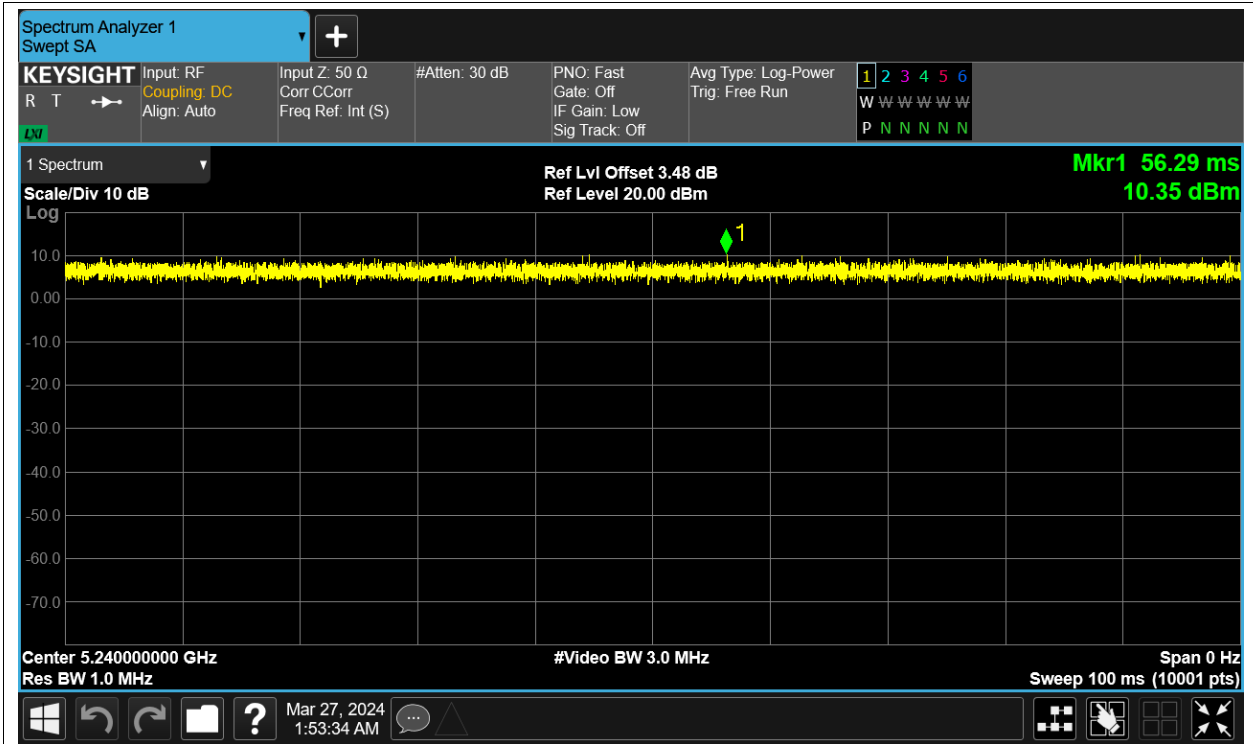
Duty Cycle NVNT n20 5180MHz Sum



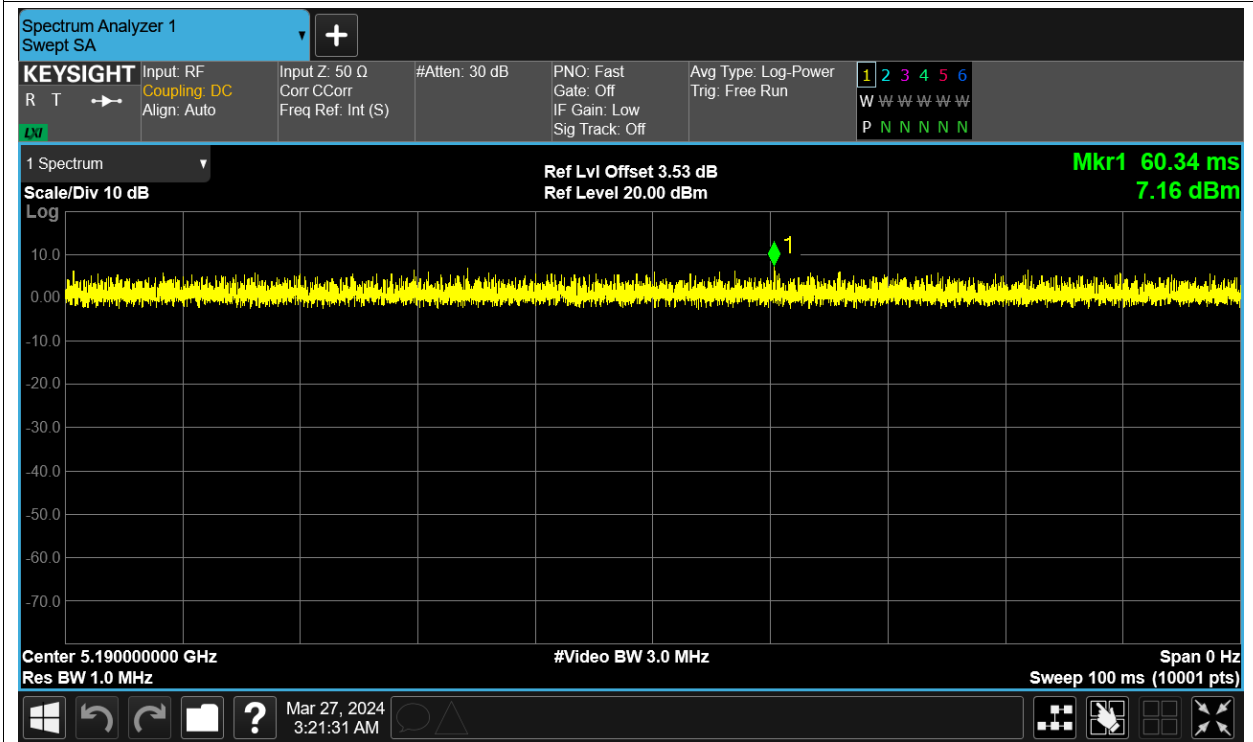
Duty Cycle NVNT n20 5200MHz Sum



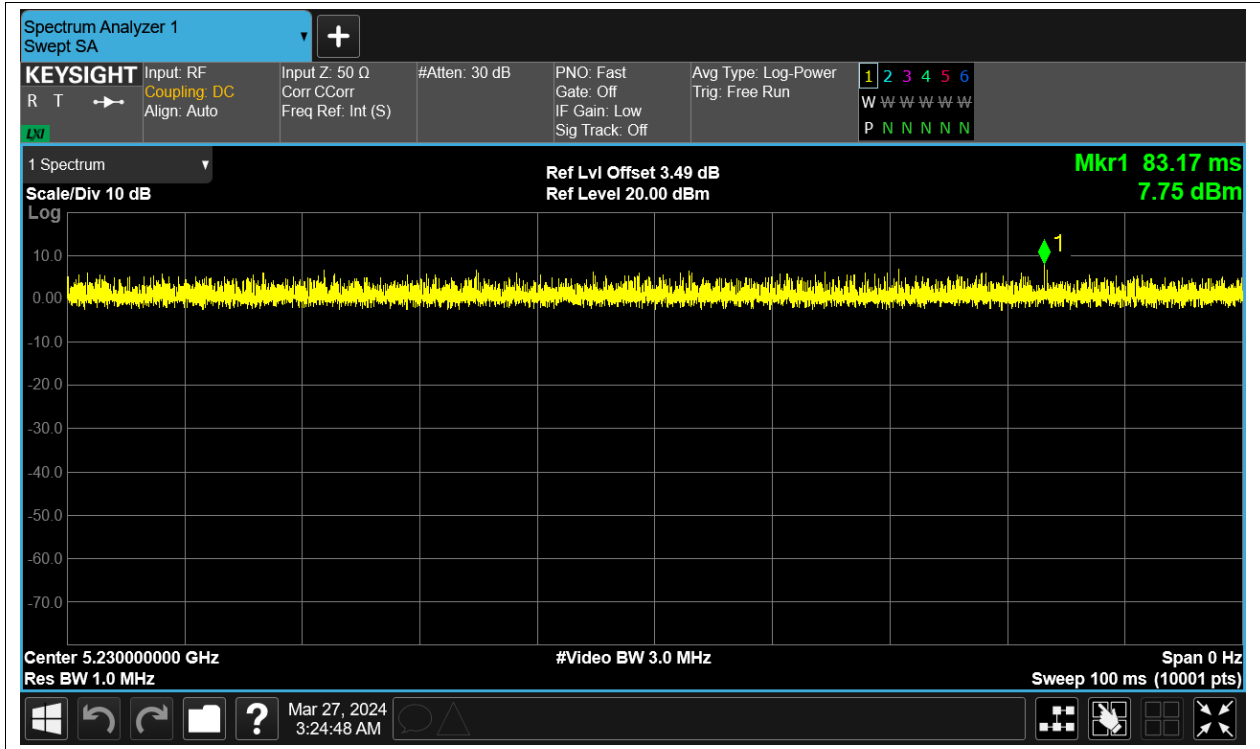
Duty Cycle NVNT n20 5240MHz Sum



Duty Cycle NVNT n40 5190MHz Sum



Duty Cycle NVNT n40 5230MHz Sum



Maximum Conducted Output Power

Condition	Mode	Frequency (MHz)	Antenna	Conducted Power (dBm)	Duty Factor (dB)	Total Power (dBm)	Limit (dBm)	Verdict
NVNT	a	5180	Ant12	12.55	0	12.55	24	Pass
NVNT	a	5200	Ant12	12.36	0	12.36	24	Pass
NVNT	a	5240	Ant12	12.46	0	12.46	24	Pass
NVNT	a	5180	Ant4	12.09	0	12.09	24	Pass
NVNT	a	5200	Ant4	12.4	0	12.4	24	Pass
NVNT	a	5240	Ant4	11.74	0	11.74	24	Pass
NVNT	ac20	5180	Ant12	13.11	0	13.11	24	Pass
NVNT	ac20	5180	Ant4	11.47	0	11.47	24	Pass
NVNT	ac20	5180	Sum	15.377	0	15.377	24	Pass
NVNT	ac20	5200	Ant12	13.21	0	13.21	24	Pass
NVNT	ac20	5200	Ant4	11.93	0	11.93	24	Pass
NVNT	ac20	5200	Sum	15.627	0	15.627	24	Pass
NVNT	ac20	5240	Ant12	12.89	0	12.89	24	Pass
NVNT	ac20	5240	Ant4	11.5	0	11.5	24	Pass
NVNT	ac20	5240	Sum	15.261	0	15.261	24	Pass
NVNT	ac40	5190	Ant12	10.98	0	10.98	24	Pass
NVNT	ac40	5190	Ant4	9.62	0	9.62	24	Pass
NVNT	ac40	5190	Sum	13.363	0	13.363	24	Pass
NVNT	ac40	5230	Ant12	10.64	0	10.64	24	Pass
NVNT	ac40	5230	Ant4	9.51	0	9.51	24	Pass
NVNT	ac40	5230	Sum	13.122	0	13.122	24	Pass
NVNT	ac80	5210	Ant12	10.56	0	10.56	24	Pass
NVNT	ac80	5210	Ant4	9.06	0	9.06	24	Pass
NVNT	ac80	5210	Sum	12.885	0	12.885	24	Pass
NVNT	ax20	5180	Ant12	11.11	0	11.11	24	Pass
NVNT	ax20	5180	Ant4	9.57	0	9.57	24	Pass
NVNT	ax20	5180	Sum	13.418	0	13.418	24	Pass
NVNT	ax20	5200	Ant12	11.2	0	11.2	24	Pass
NVNT	ax20	5200	Ant4	9.9	0	9.9	24	Pass
NVNT	ax20	5200	Sum	13.609	0	13.609	24	Pass
NVNT	ax20	5240	Ant12	10.94	0	10.94	24	Pass
NVNT	ax20	5240	Ant4	9.56	0	9.56	24	Pass
NVNT	ax20	5240	Sum	13.315	0	13.315	24	Pass
NVNT	ax40	5190	Ant12	11.05	0	11.05	24	Pass
NVNT	ax40	5190	Ant4	9.72	0	9.72	24	Pass
NVNT	ax40	5190	Sum	13.446	0	13.446	24	Pass
NVNT	ax40	5230	Ant12	10.82	0	10.82	24	Pass
NVNT	ax40	5230	Ant4	9.6	0	9.6	24	Pass
NVNT	ax40	5230	Sum	13.263	0	13.263	24	Pass
NVNT	ax80	5210	Ant12	10.75	0	10.75	24	Pass

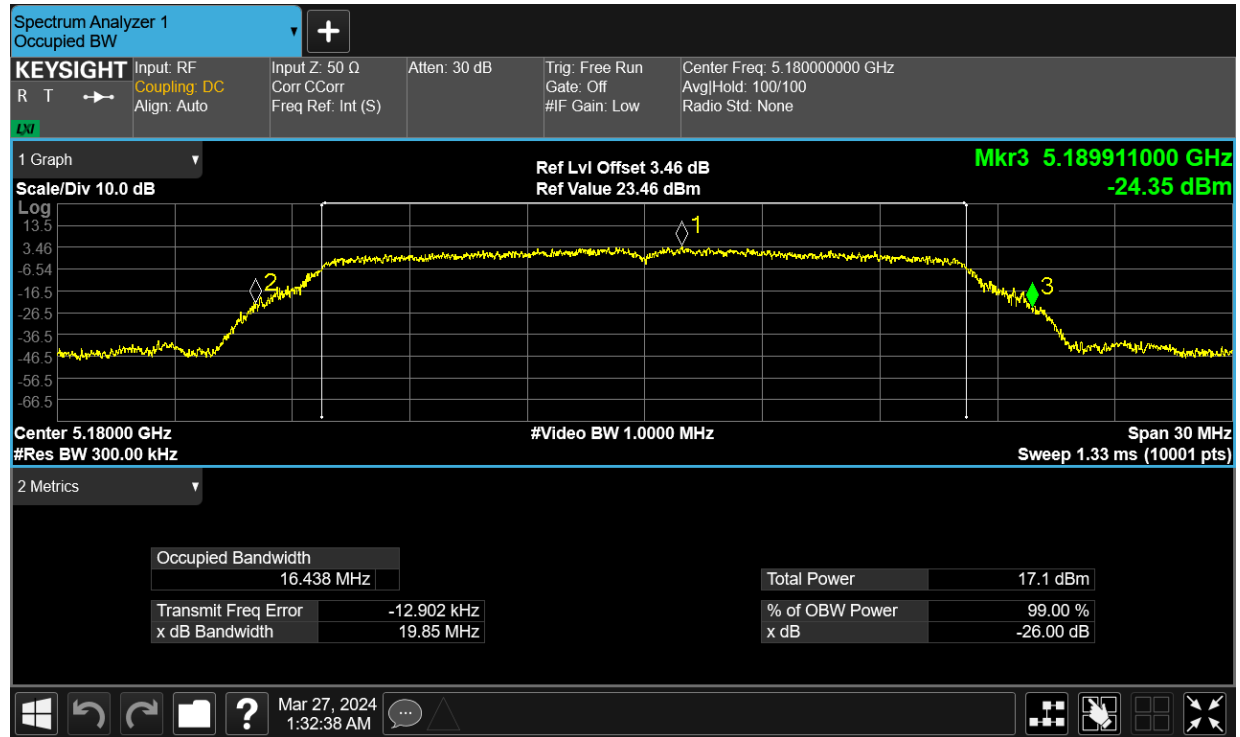
NVNT	ax80	5210	Ant4	9.39	0	9.39	24	Pass
NVNT	ax80	5210	Sum	13.133	0	13.133	24	Pass
NVNT	n20	5180	Ant12	13.61	0	13.61	24	Pass
NVNT	n20	5180	Ant4	11.97	0	11.97	24	Pass
NVNT	n20	5180	Sum	15.877	0	15.877	24	Pass
NVNT	n20	5200	Ant12	13.56	0	13.56	24	Pass
NVNT	n20	5200	Ant4	12.41	0	12.41	24	Pass
NVNT	n20	5200	Sum	16.033	0	16.033	24	Pass
NVNT	n20	5240	Ant12	13.14	0	13.14	24	Pass
NVNT	n20	5240	Ant4	11.71	0	11.71	24	Pass
NVNT	n20	5240	Sum	15.494	0	15.494	24	Pass
NVNT	n40	5190	Ant12	14.11	0	14.11	24	Pass
NVNT	n40	5190	Ant4	12.5	0	12.5	24	Pass
NVNT	n40	5190	Sum	16.389	0	16.389	24	Pass
NVNT	n40	5230	Ant12	13.77	0	13.77	24	Pass
NVNT	n40	5230	Ant4	12.34	0	12.34	24	Pass
NVNT	n40	5230	Sum	16.124	0	16.124	24	Pass

-26dB Bandwidth

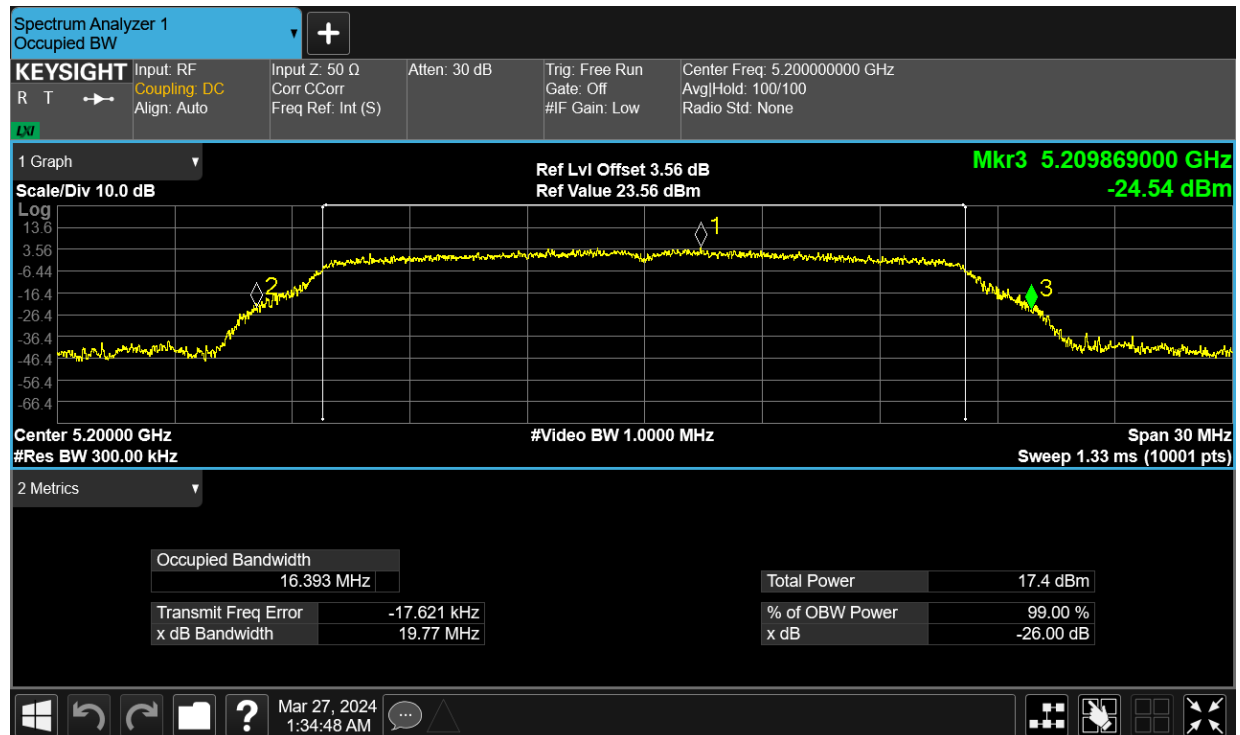
Condition	Mode	Frequency (MHz)	Antenna	-26 dB Bandwidth (MHz)
NVNT	a	5180	Ant12	19.848
NVNT	a	5200	Ant12	19.773
NVNT	a	5240	Ant12	19.999
NVNT	a	5180	Ant4	19.782
NVNT	a	5200	Ant4	19.961
NVNT	a	5240	Ant4	19.872
NVNT	ac20	5180	Ant12	20.017
NVNT	ac20	5180	Ant4	19.912
NVNT	ac20	5200	Ant12	20.232
NVNT	ac20	5200	Ant4	19.927
NVNT	ac20	5240	Ant12	20.147
NVNT	ac20	5240	Ant4	19.933
NVNT	ac40	5190	Ant12	39.739
NVNT	ac40	5190	Ant4	39.55
NVNT	ac40	5230	Ant12	39.85
NVNT	ac40	5230	Ant4	39.379
NVNT	ac80	5210	Ant12	78.76
NVNT	ac80	5210	Ant4	78.599
NVNT	ax20	5180	Ant12	19.818
NVNT	ax20	5180	Ant4	19.928
NVNT	ax20	5200	Ant12	19.841
NVNT	ax20	5200	Ant4	19.84
NVNT	ax20	5240	Ant12	19.859
NVNT	ax20	5240	Ant4	19.871
NVNT	ax40	5190	Ant12	39.338
NVNT	ax40	5190	Ant4	39.15
NVNT	ax40	5230	Ant12	39.354
NVNT	ax40	5230	Ant4	39.322
NVNT	ax80	5210	Ant12	79.409
NVNT	ax80	5210	Ant4	79.296
NVNT	n20	5180	Ant12	20.43
NVNT	n20	5180	Ant4	19.815
NVNT	n20	5200	Ant12	20.363
NVNT	n20	5200	Ant4	19.767
NVNT	n20	5240	Ant12	20.175
NVNT	n20	5240	Ant4	19.943
NVNT	n40	5190	Ant12	39.681
NVNT	n40	5190	Ant4	39.138
NVNT	n40	5230	Ant12	39.367
NVNT	n40	5230	Ant4	39.373

Test Graphs

-26dB Bandwidth NVNT a 5180MHz Ant12



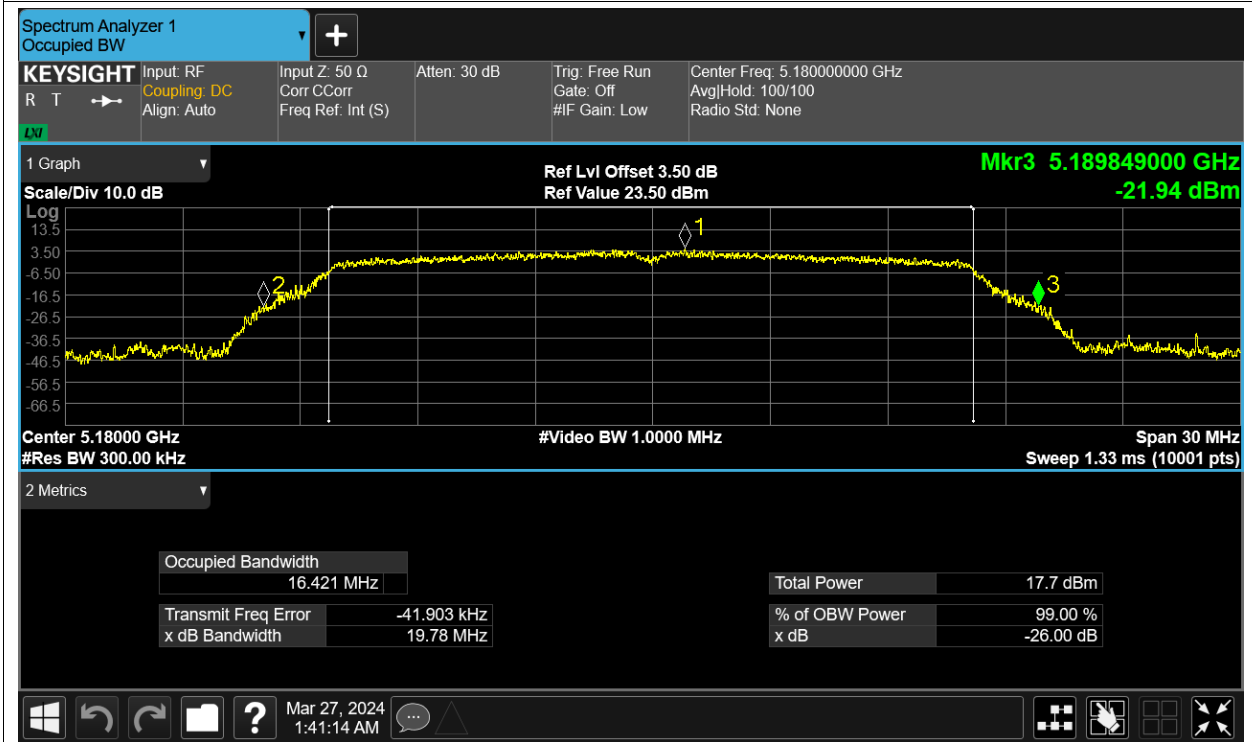
-26dB Bandwidth NVNT a 5200MHz Ant12



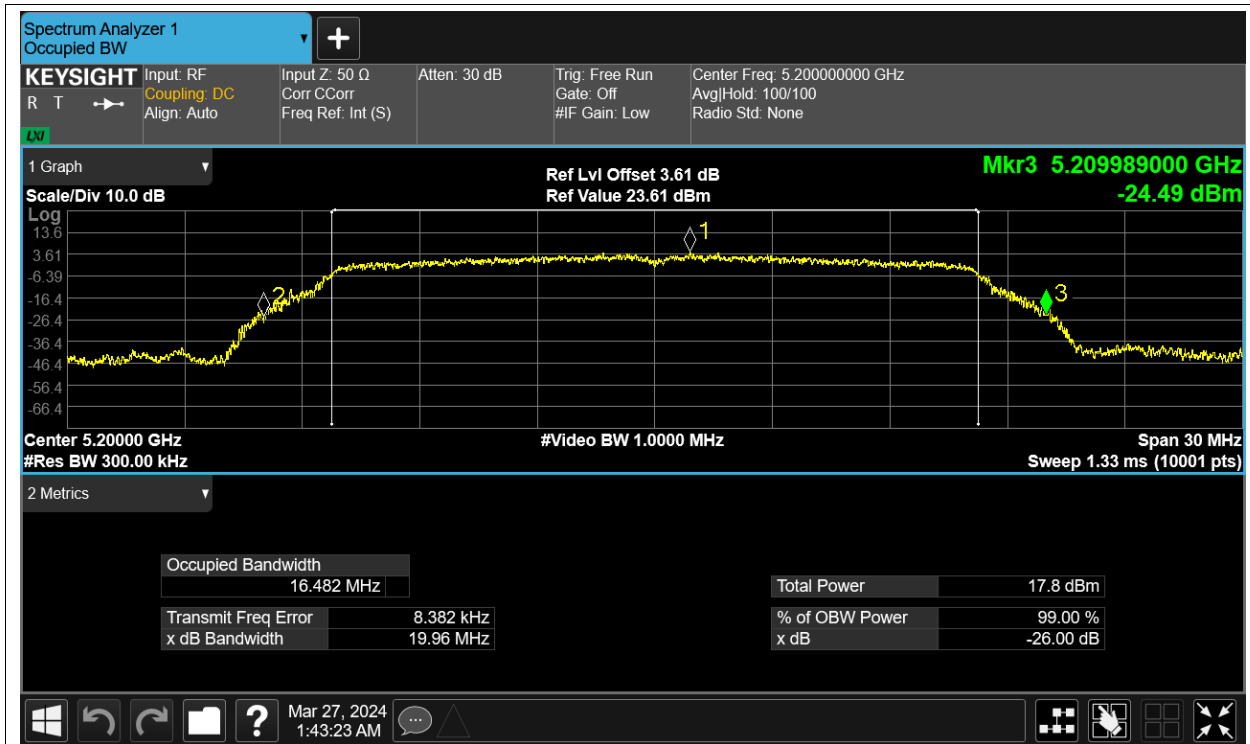
-26dB Bandwidth NVNT a 5240MHz Ant12



-26dB Bandwidth NVNT a 5180MHz Ant4



-26dB Bandwidth NVNT a 5200MHz Ant4



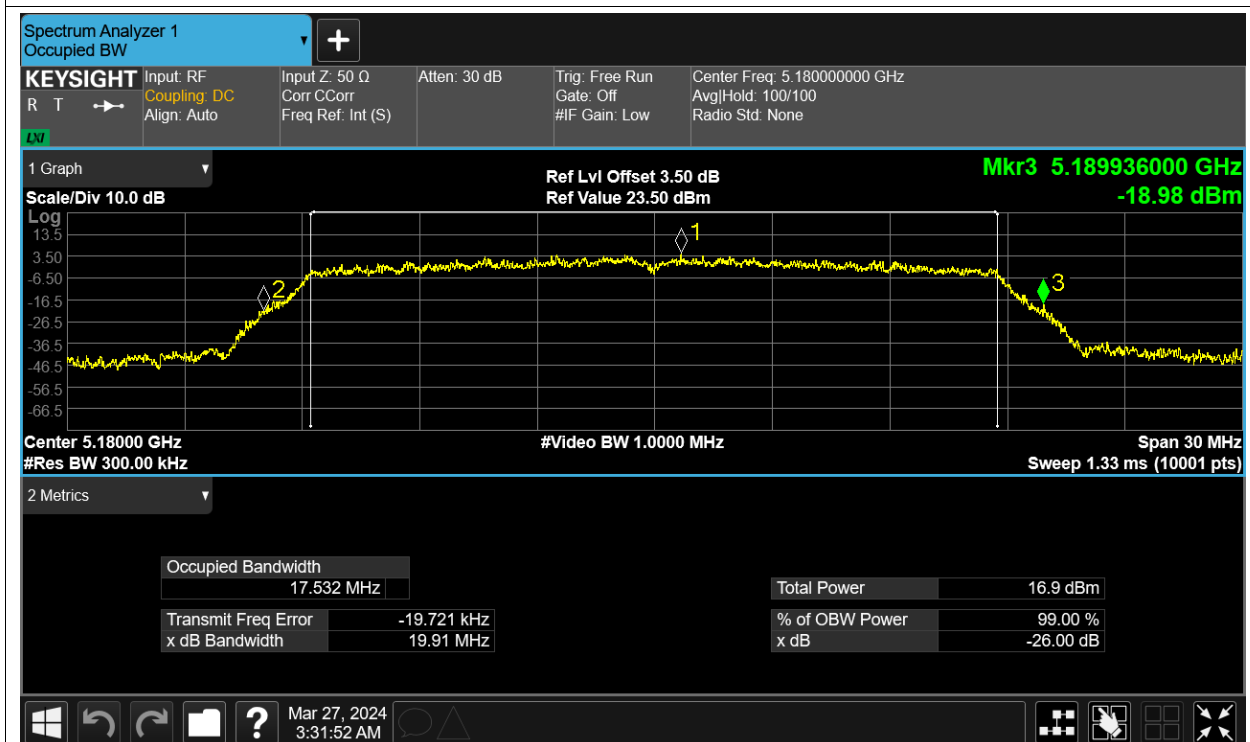
-26dB Bandwidth NVNT a 5240MHz Ant4



-26dB Bandwidth NVNT ac20 5180MHz Ant12



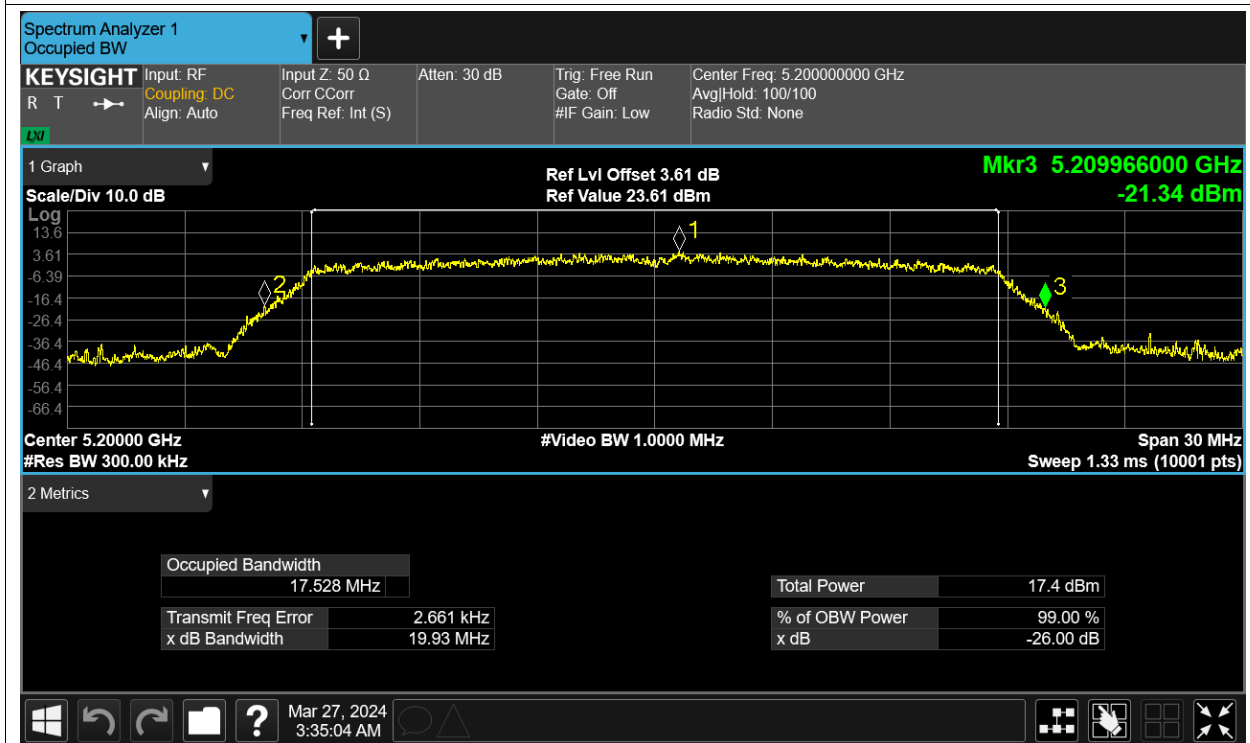
-26dB Bandwidth NVNT ac20 5180MHz Ant4



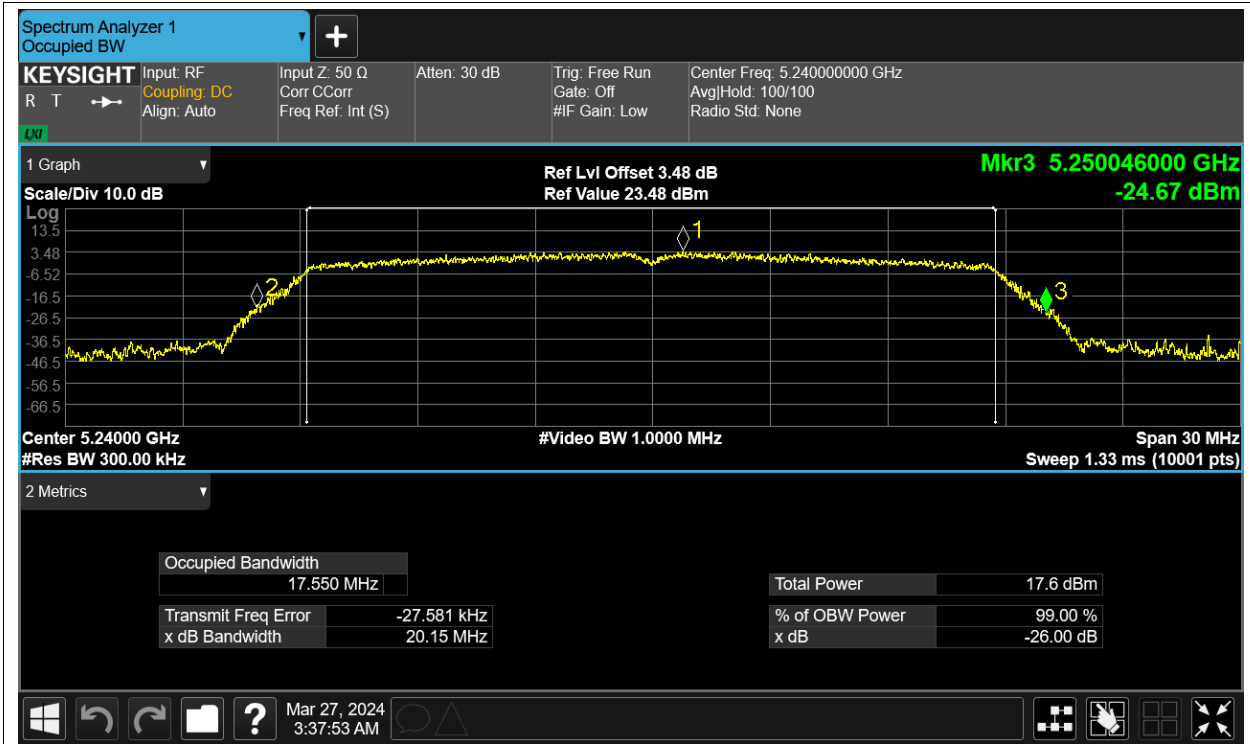
-26dB Bandwidth NVNT ac20 5200MHz Ant12



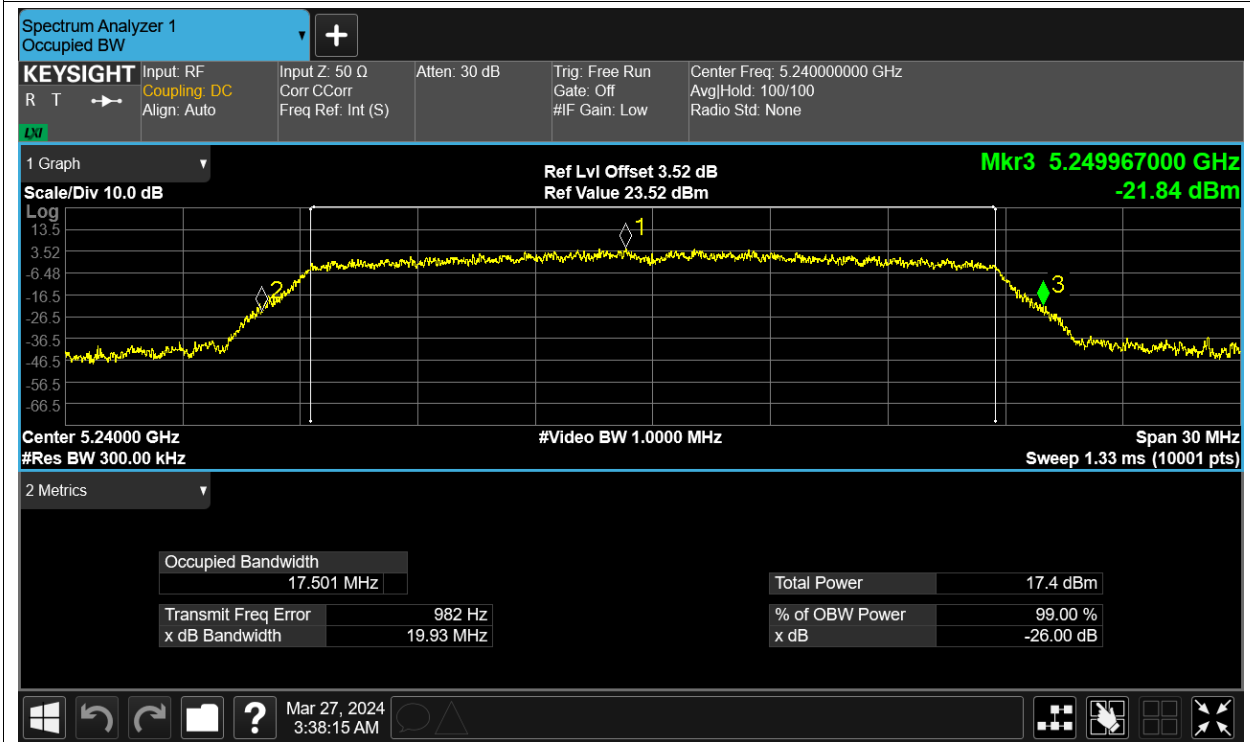
-26dB Bandwidth NVNT ac20 5200MHz Ant4



-26dB Bandwidth NVNT ac20 5240MHz Ant12



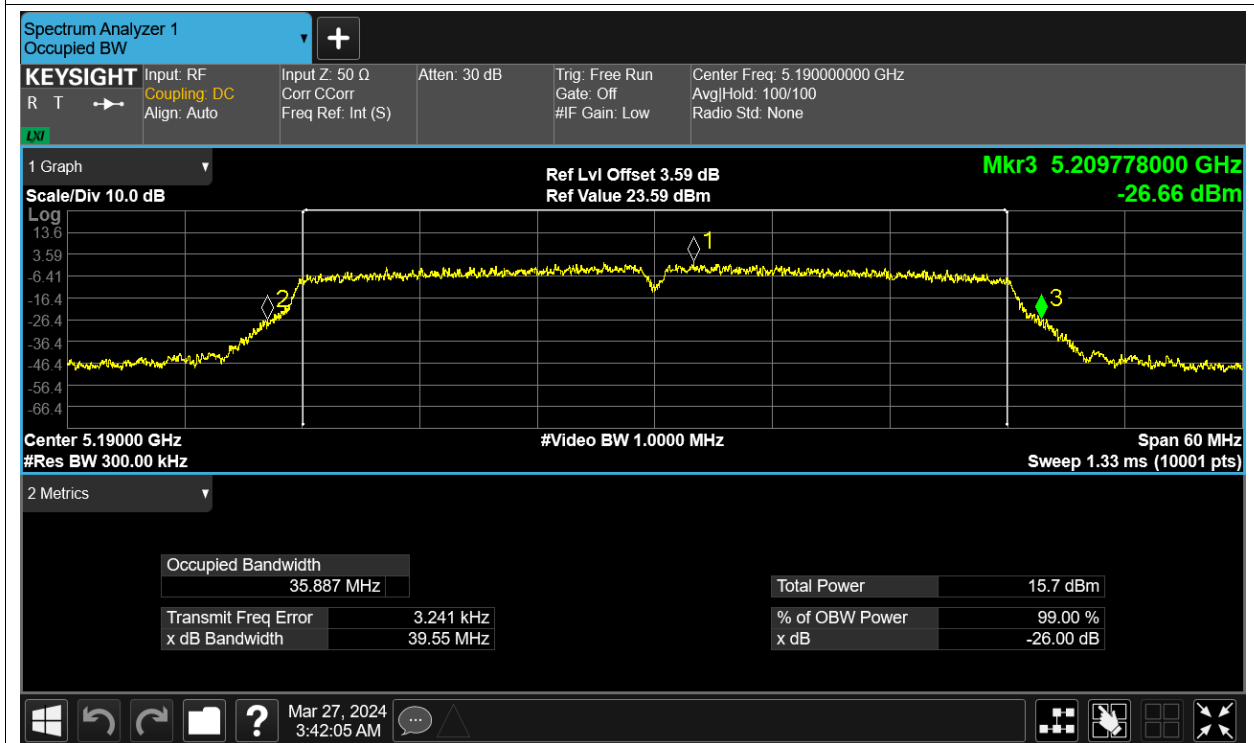
-26dB Bandwidth NVNT ac20 5240MHz Ant4



-26dB Bandwidth NVNT ac40 5190MHz Ant12



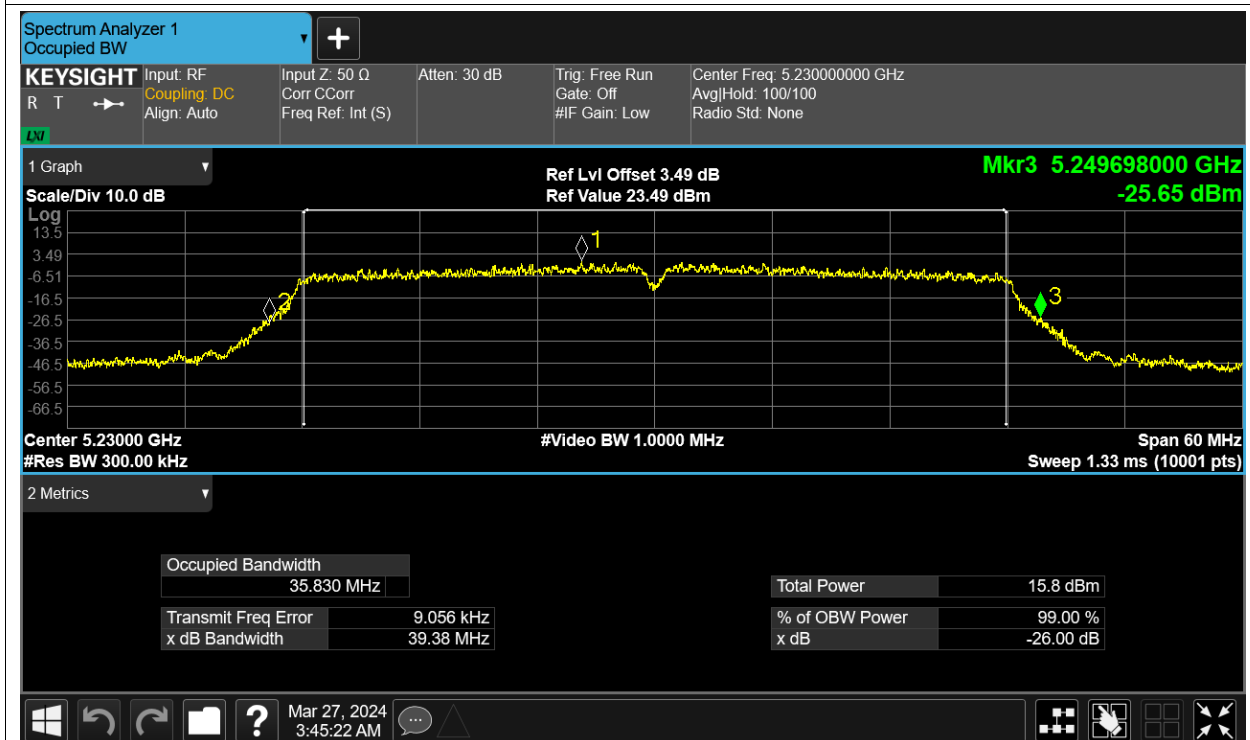
-26dB Bandwidth NVNT ac40 5190MHz Ant4



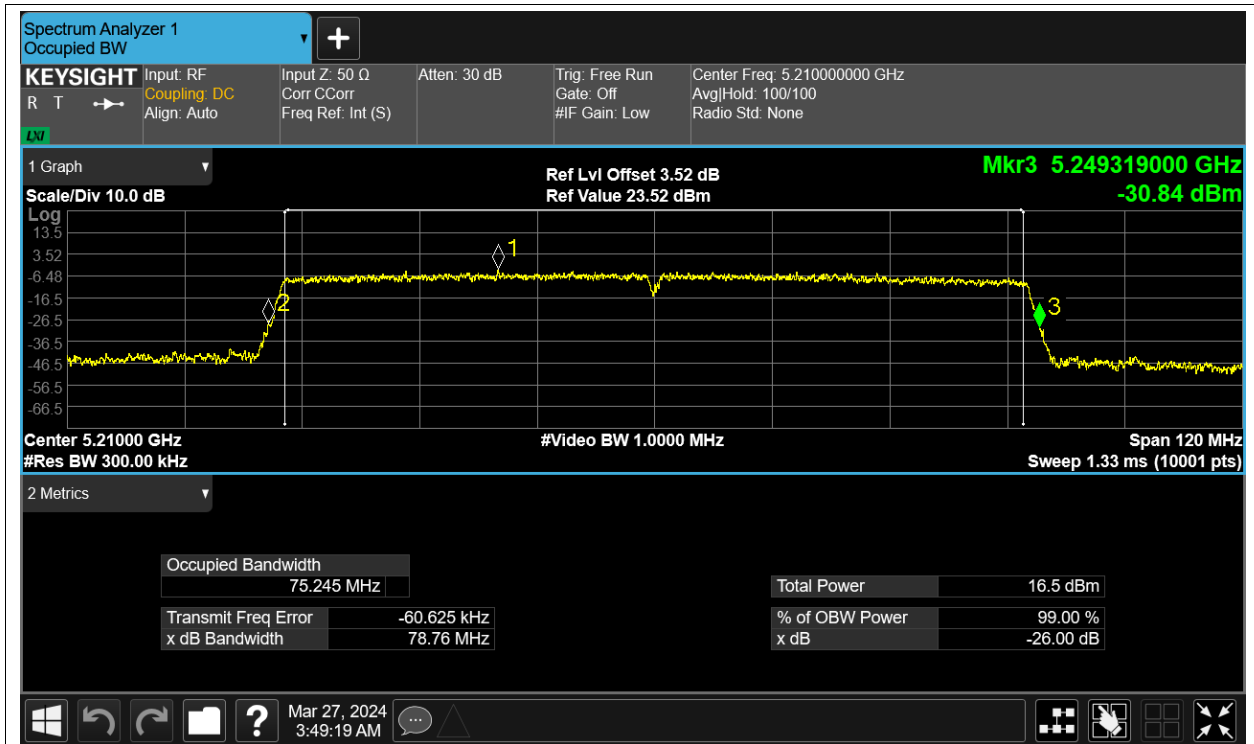
-26dB Bandwidth NVNT ac40 5230MHz Ant12



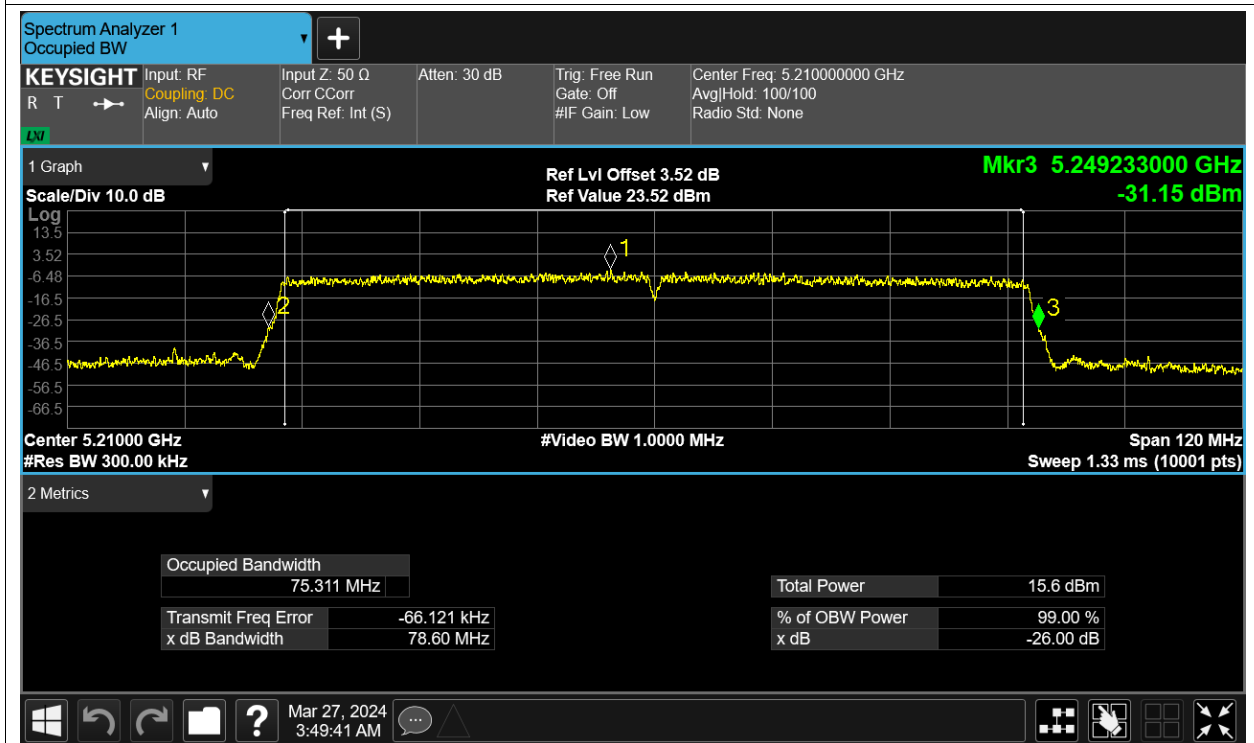
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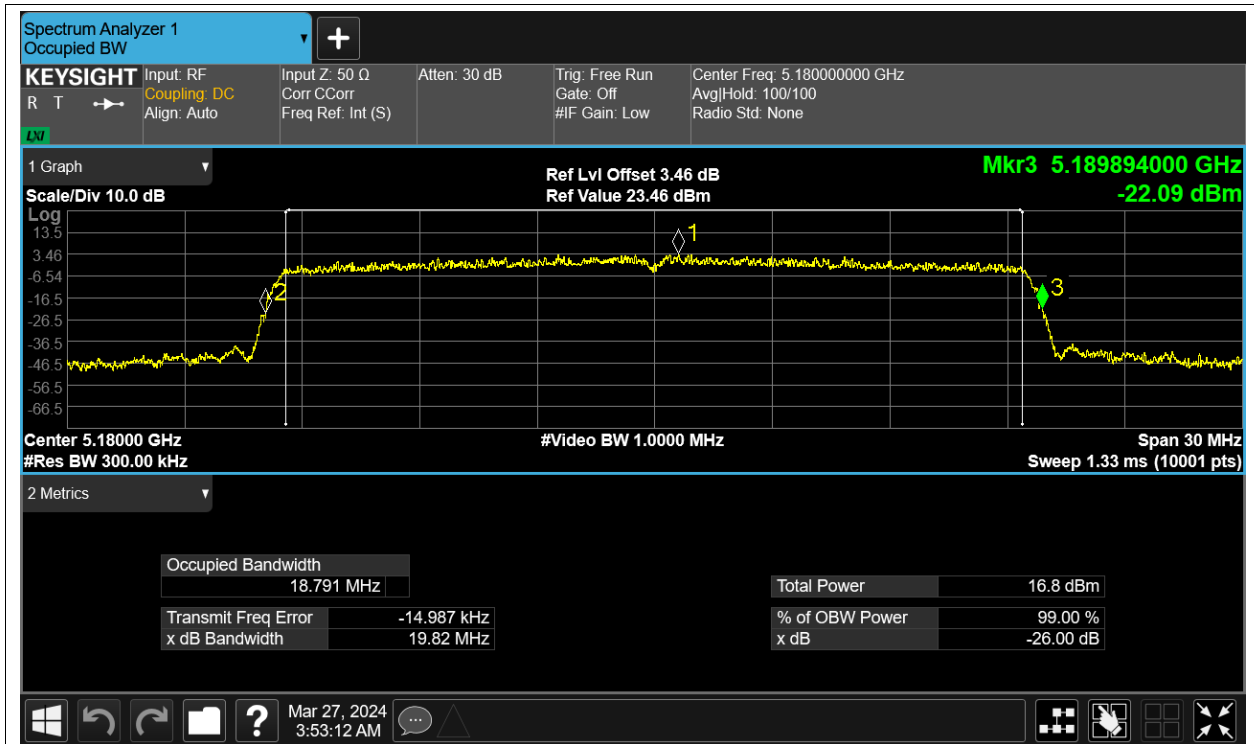
-26dB Bandwidth NVNT ac80 5210MHz Ant12



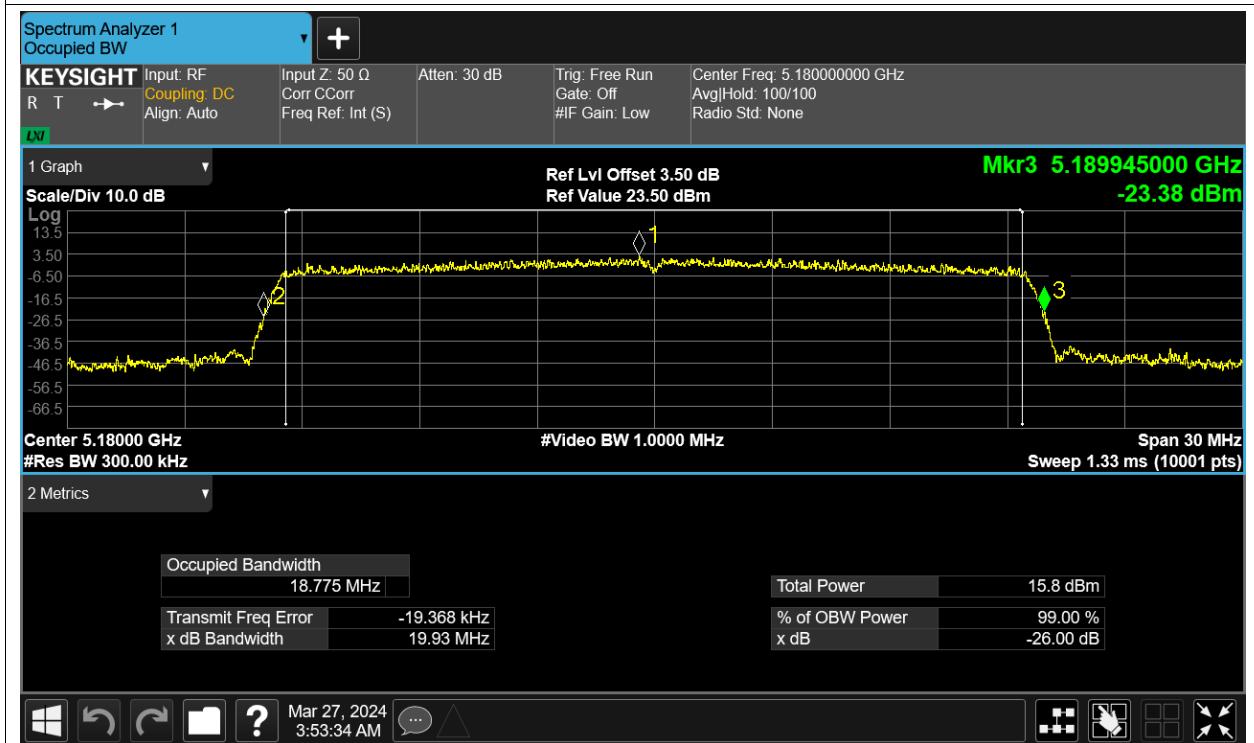
-26dB Bandwidth NVNT ac80 5210MHz Ant4



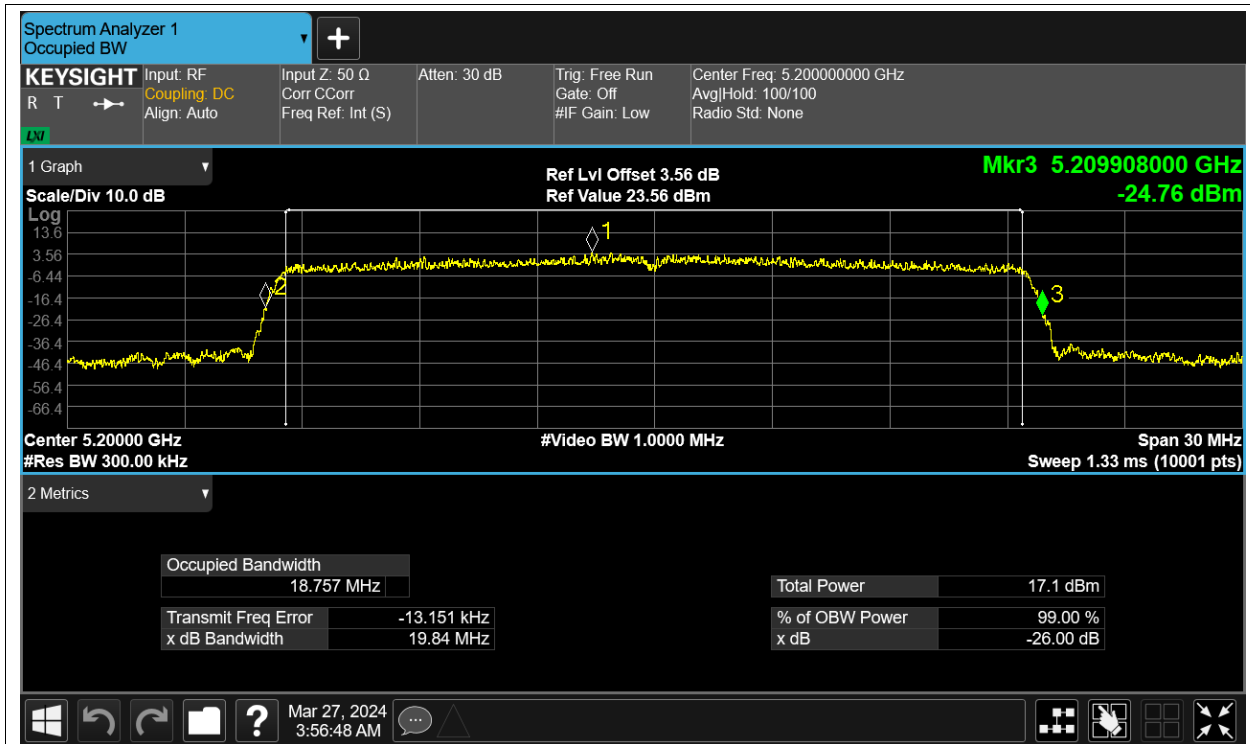
-26dB Bandwidth NVNT ax20 5180MHz Ant12



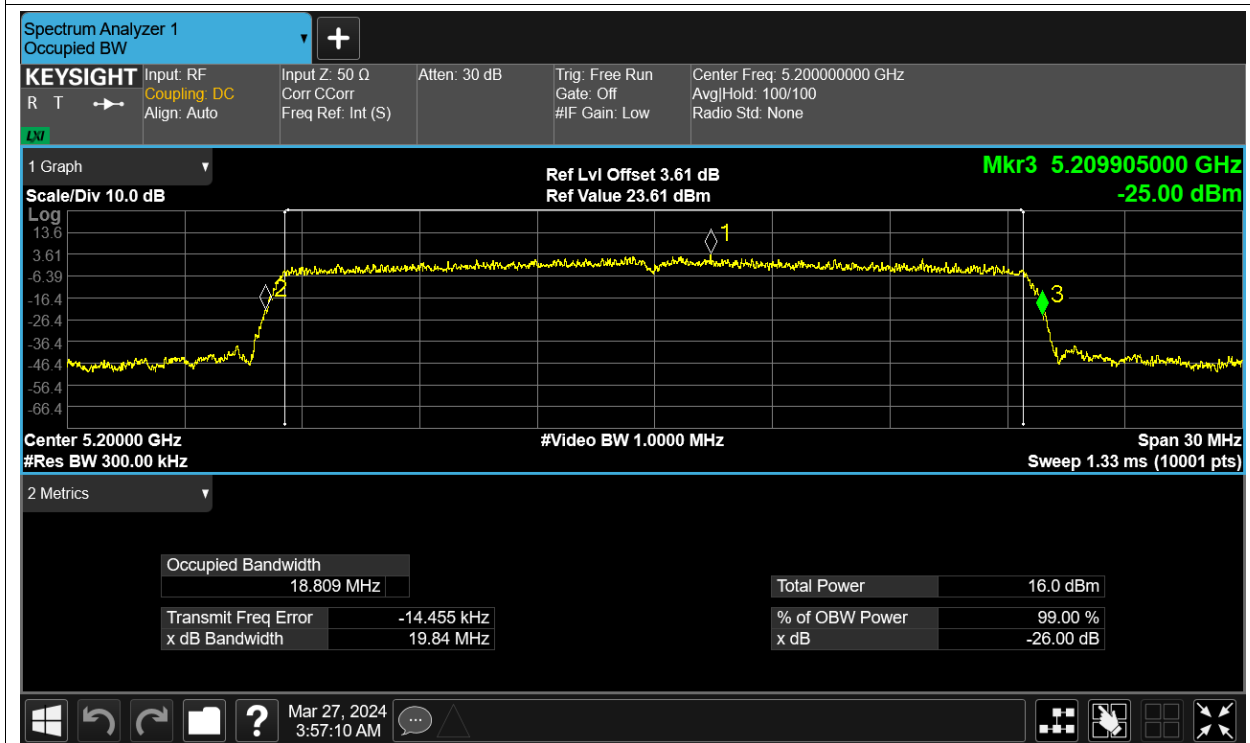
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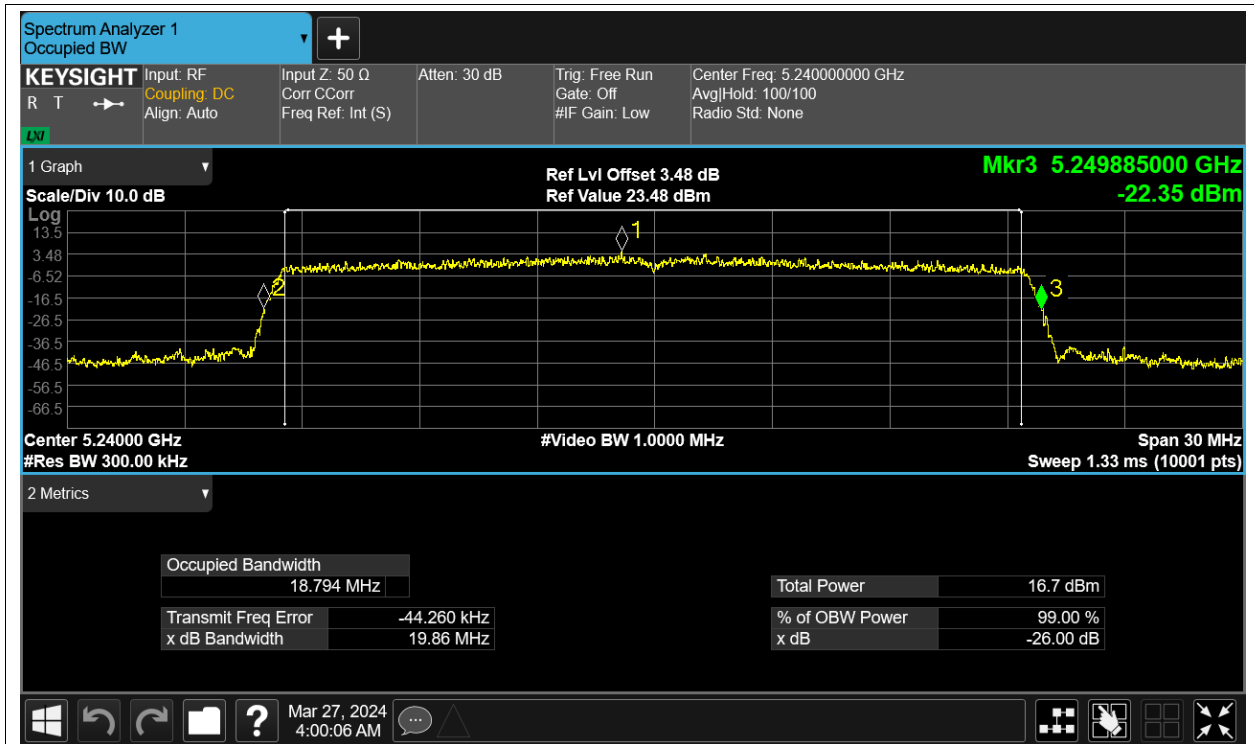
-26dB Bandwidth NVNT ax20 5200MHz Ant12



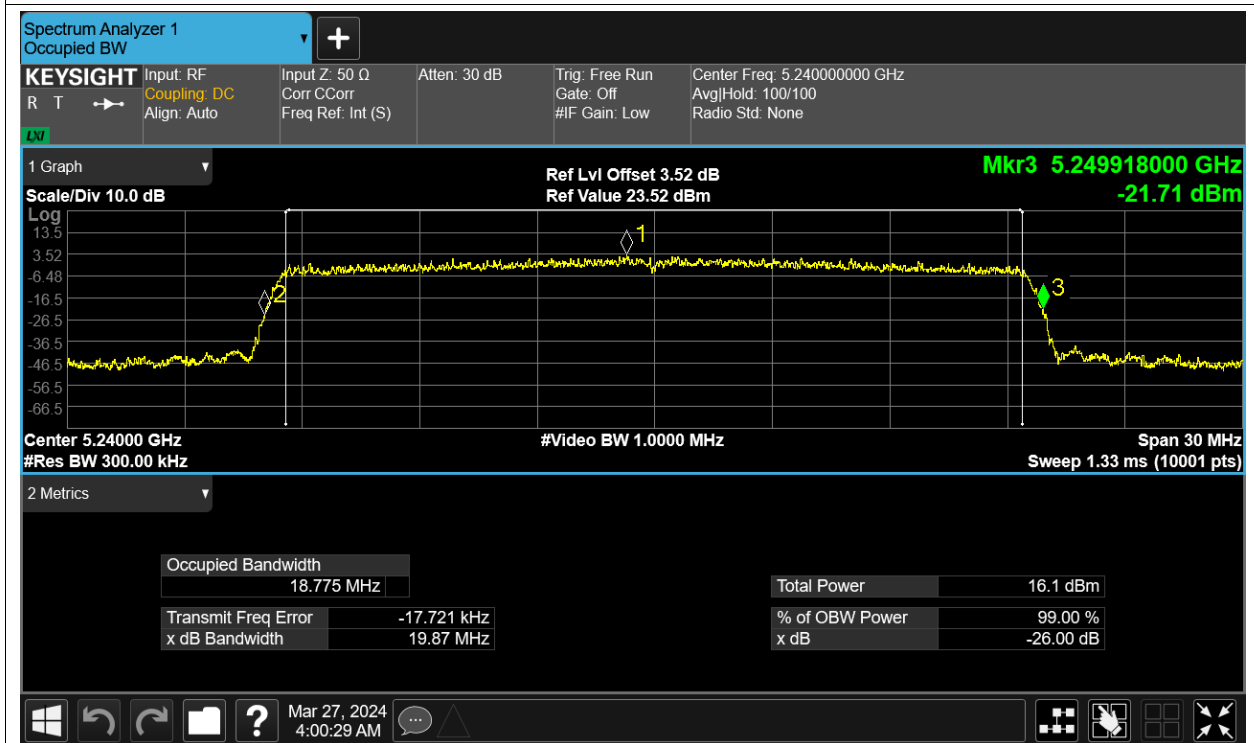
-26dB Bandwidth NVNT ax20 5200MHz Ant4



-26dB Bandwidth NVNT ax20 5240MHz Ant12



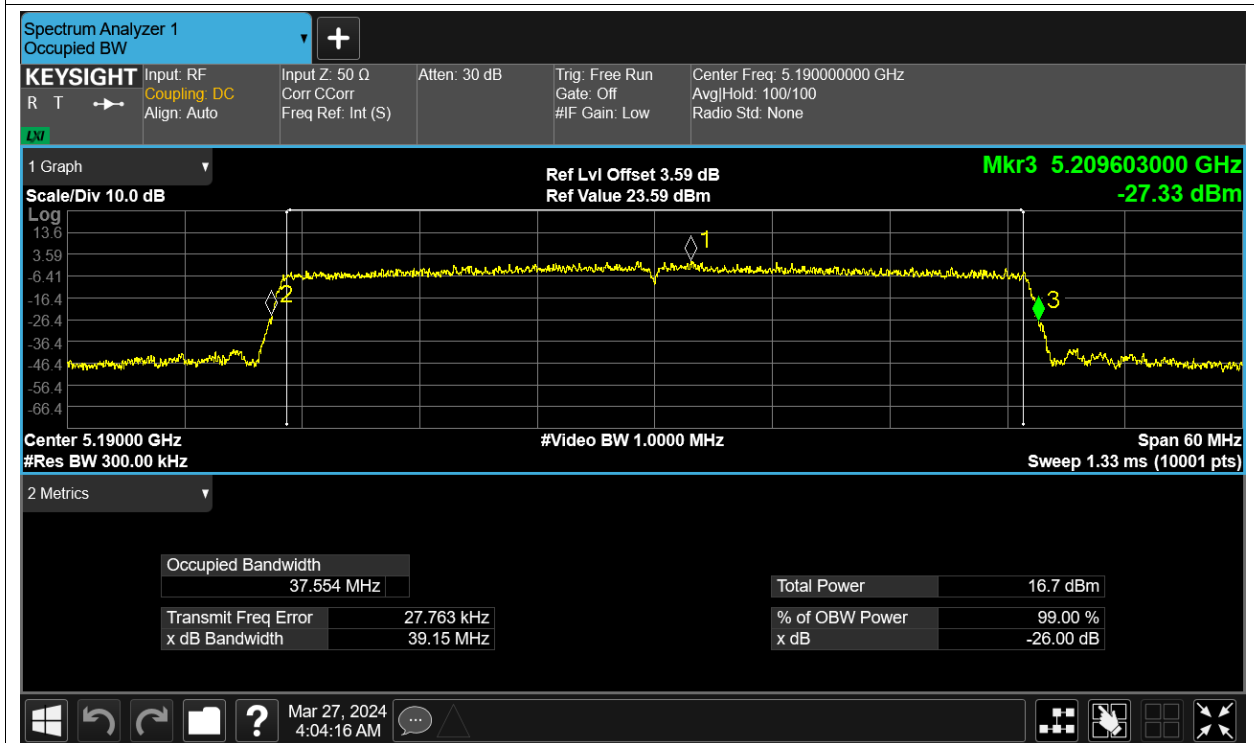
-26dB Bandwidth NVNT ax20 5240MHz Ant4



-26dB Bandwidth NVNT ax40 5190MHz Ant12



-26dB Bandwidth NVNT ax40 5190MHz Ant4



-26dB Bandwidth NVNT ax40 5230MHz Ant12