

Test Data

Frequency Stability

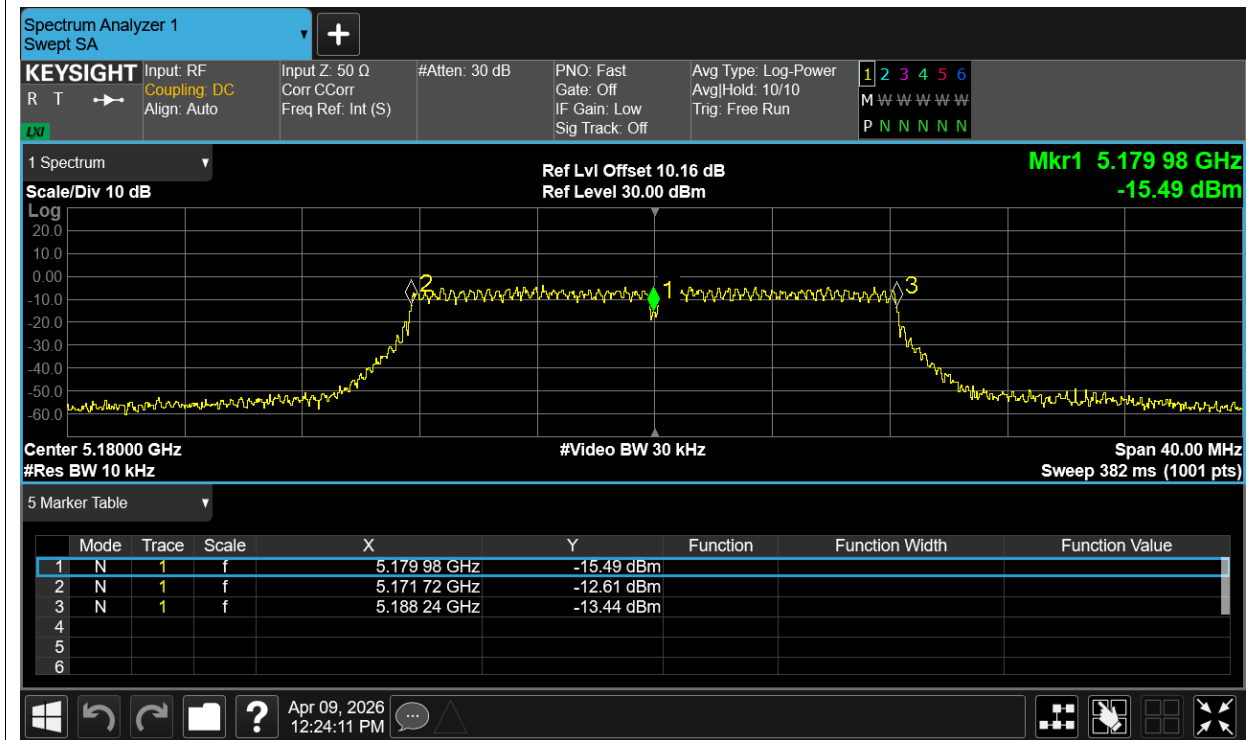
Condition	Mode	Frequency (MHz)	Antenna	Measured Frequency (MHz)	Deviation (ppm)	Limit (ppm)	Verdict
HVNT	a	5180	Ant1	5179.98	-3.86	Within authorized band	Pass
HVNT	a	5180	Ant2	5179.96	-7.72		Pass
LVNT	a	5180	Ant1	5179.98	-3.86		Pass
LVNT	a	5180	Ant2	5179.96	-7.72		Pass
NVHT	a	5180	Ant1	5179.98	-3.86		Pass
NVHT	a	5180	Ant2	5179.96	-7.72		Pass
NVLT	a	5180	Ant1	5179.96	-7.72		Pass
NVLT	a	5180	Ant2	5179.96	-7.72		Pass
NVNT	a	5180	Ant1	5179.96	-7.72		Pass
NVNT	a	5180	Ant2	5179.96	-7.72		Pass
HVNT	ac20	5180	Sum	5180	0		Pass
LVNT	ac20	5180	Sum	5179.98	-3.86		Pass
NVHT	ac20	5180	Sum	5179.98	-3.86		Pass
NVLT	ac20	5180	Sum	5179.98	-3.86		Pass
NVNT	ac20	5180	Sum	5179.98	-3.86		Pass
HVNT	ac40	5190	Sum	5190	0		Pass
LVNT	ac40	5190	Sum	5190	0		Pass
NVHT	ac40	5190	Sum	5190	0		Pass
NVLT	ac40	5190	Sum	5190	0		Pass
NVNT	ac40	5190	Sum	5190	0		Pass
HVNT	ac80	5210	Sum	5210	0		Pass
LVNT	ac80	5210	Sum	5210	0		Pass
NVHT	ac80	5210	Sum	5210	0		Pass
NVLT	ac80	5210	Sum	5210	0		Pass
NVNT	ac80	5210	Sum	5210	0		Pass
HVNT	ax20	5180	Sum	5180	0		Pass
LVNT	ax20	5180	Sum	5180	0		Pass
NVHT	ax20	5180	Sum	5180	0		Pass
NVLT	ax20	5180	Sum	5180	0		Pass
NVNT	ax20	5180	Sum	5180	0		Pass
HVNT	ax40	5190	Sum	5190	0		Pass
LVNT	ax40	5190	Sum	5190	0		Pass
NVHT	ax40	5190	Sum	5190	0		Pass
NVLT	ax40	5190	Sum	5190	0		Pass
NVNT	ax40	5190	Sum	5190	0		Pass
HVNT	ax80	5210	Sum	5210	0		Pass
LVNT	ax80	5210	Sum	5210	0		Pass
NVHT	ax80	5210	Sum	5210	0		Pass
NVLT	ax80	5210	Sum	5210	0		Pass

NVNT	ax80	5210	Sum	5210	0		Pass
HVNT	n20	5180	Sum	5180	0		Pass
LVNT	n20	5180	Sum	5179.98	-3.86		Pass
NVHT	n20	5180	Sum	5179.98	-3.86		Pass
NVLT	n20	5180	Sum	5179.98	-3.86		Pass
NVNT	n20	5180	Sum	5179.98	-3.86		Pass
HVNT	n40	5190	Sum	5190	0		Pass
LVNT	n40	5190	Sum	5190	0		Pass
NVHT	n40	5190	Sum	5189.96	-7.71		Pass
NVLT	n40	5190	Sum	5190	0		Pass
NVNT	n40	5190	Sum	5190	0		Pass
NVNT	n40	5190	Sum	5190	0		Pass

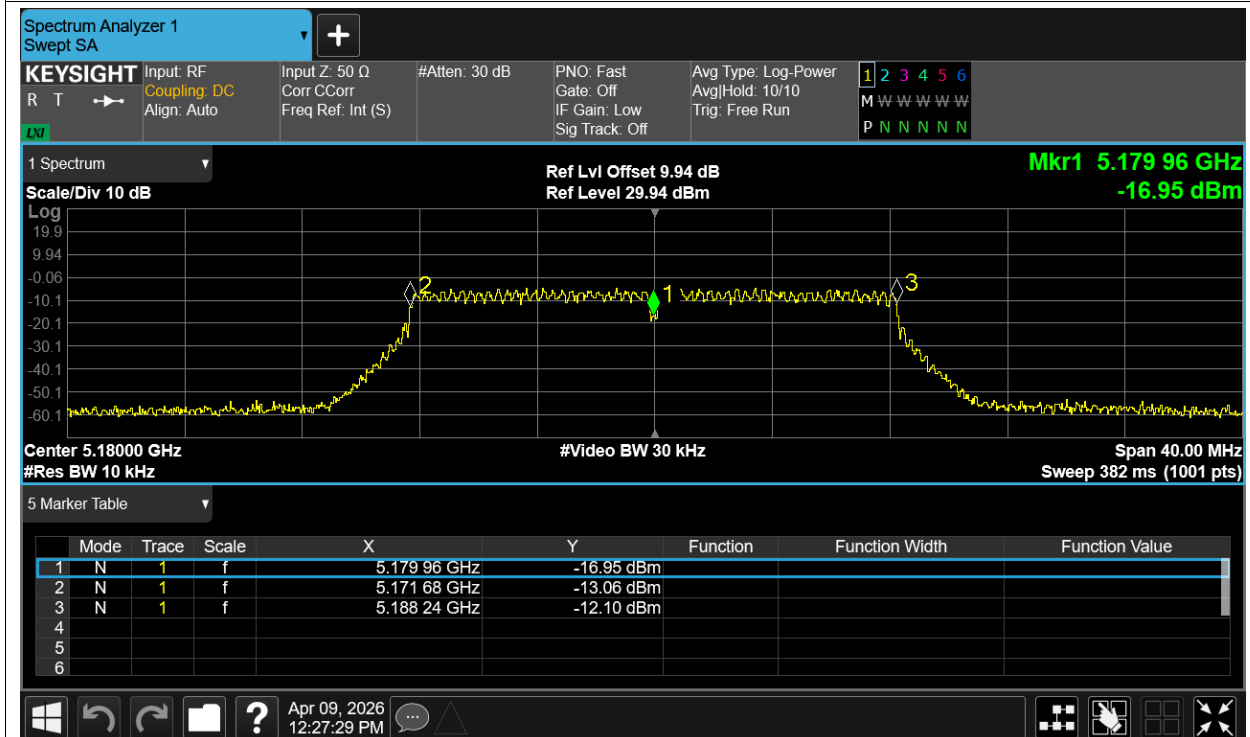
Remark: "NTNV" means Normal Temperature Normal Voltage, "NVHT" means Normal Voltage High Temperature, "NVLT" means Normal Voltage Low Temperature, "LVNT" means Low Voltage Normal Temperature, "HVNT" means High Voltage Normal Temperature.

Test Graphs

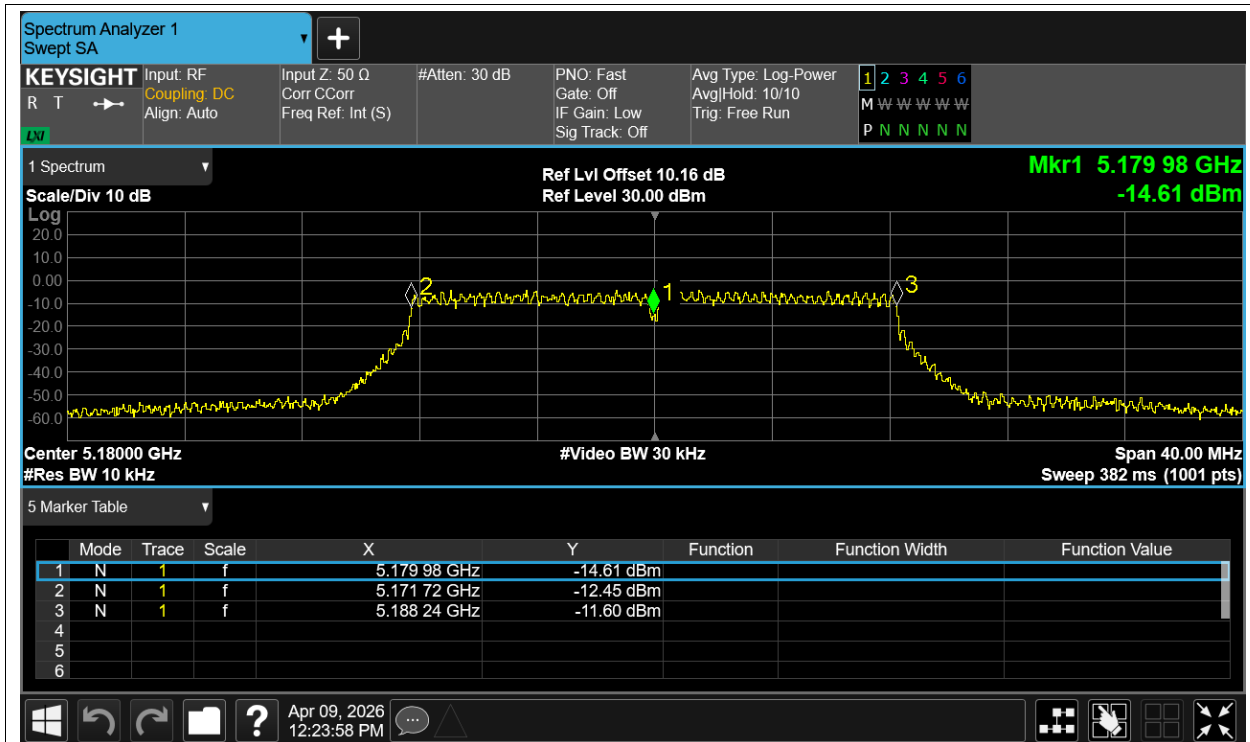
Freq. Stability HVNT a 5180MHz Ant1



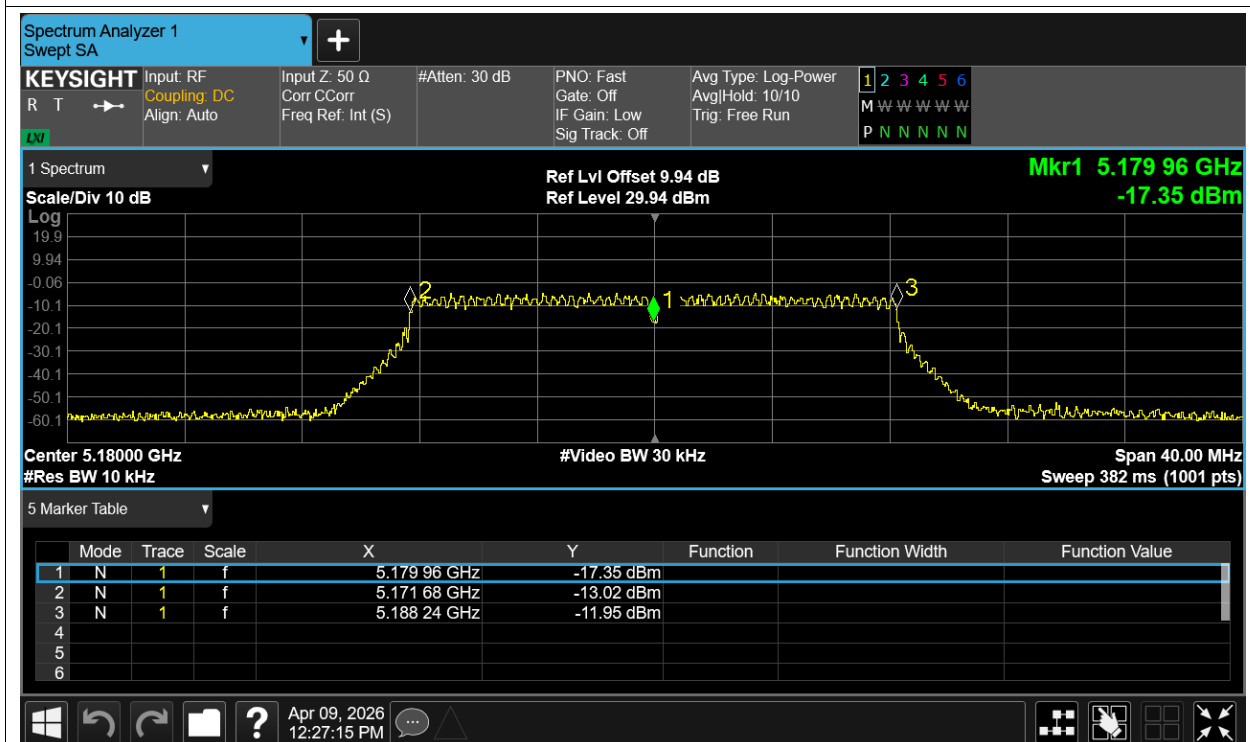
Freq. Stability HVNT a 5180MHz Ant2



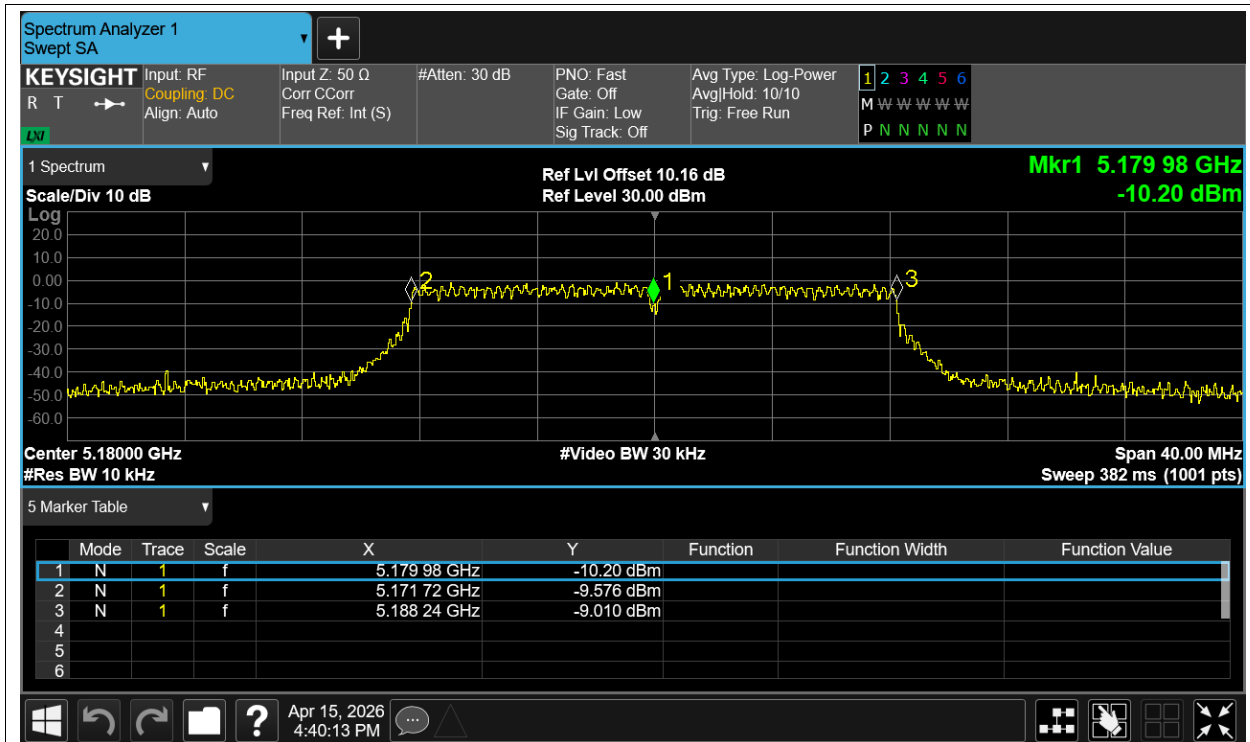
Freq. Stability LVNT a 5180MHz Ant1



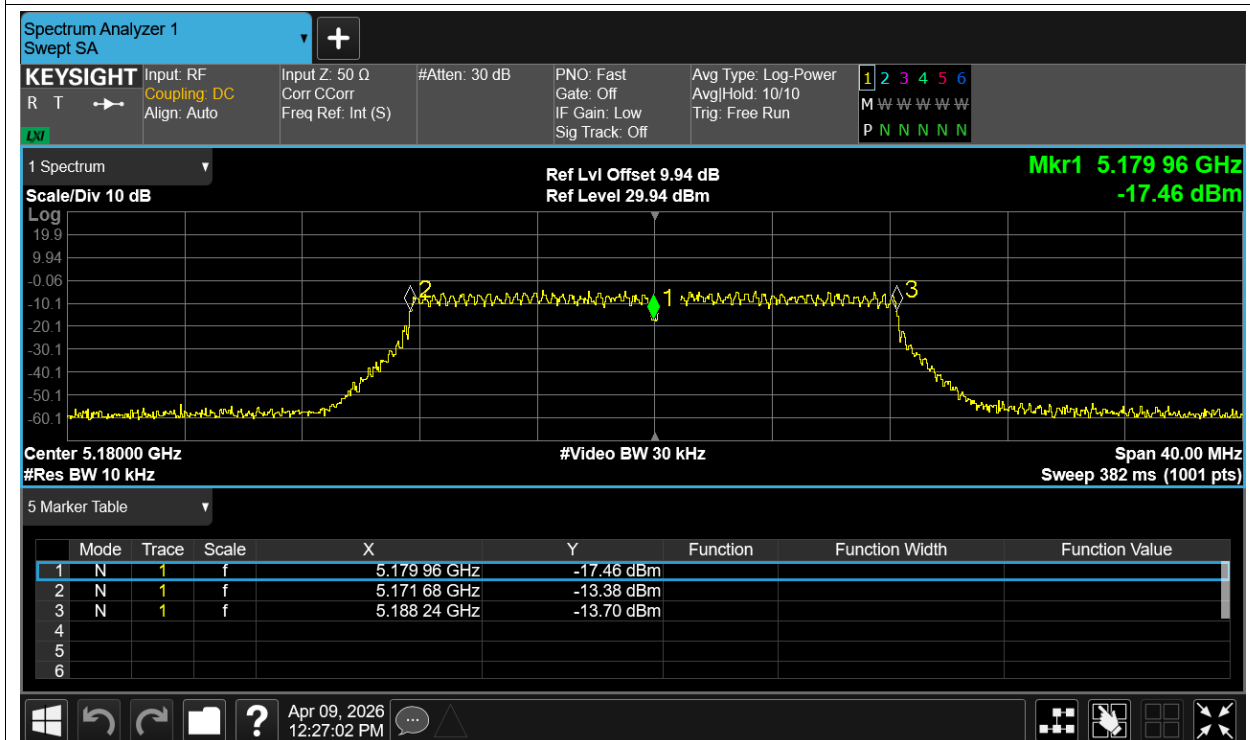
Freq. Stability LVNT a 5180MHz Ant2



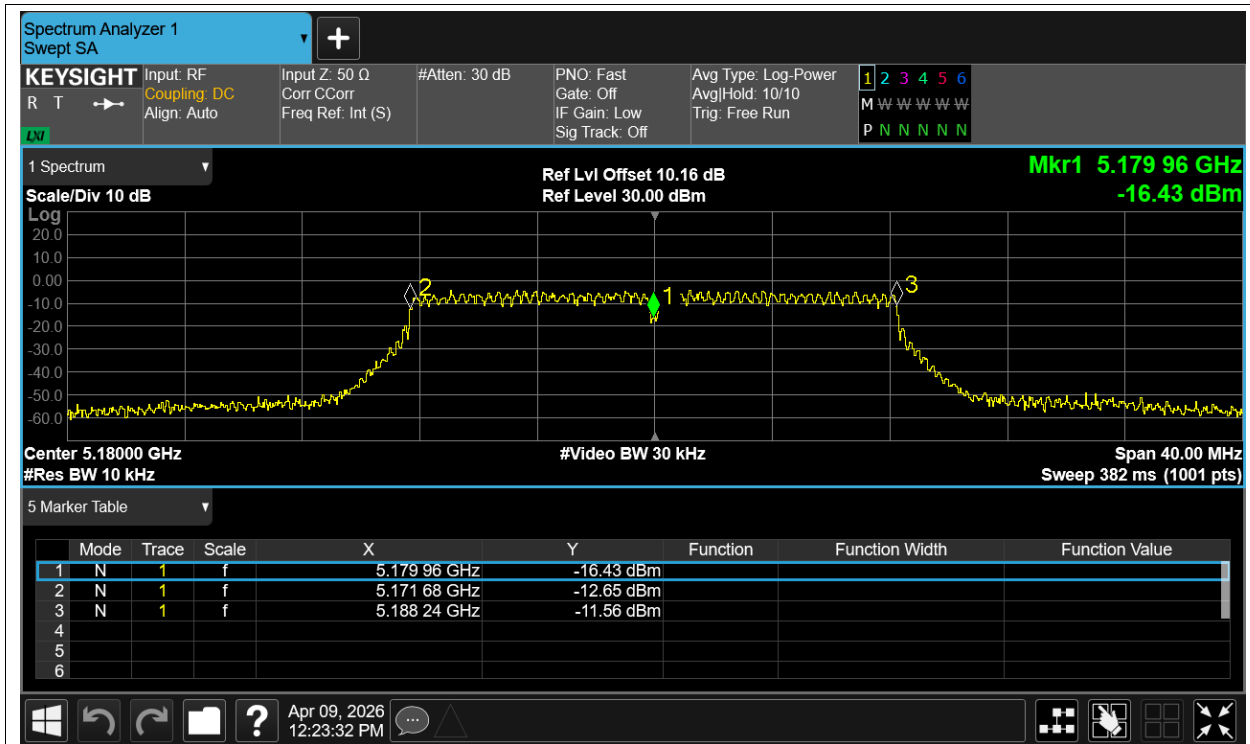
Freq. Stability NVHT a 5180MHz Ant1



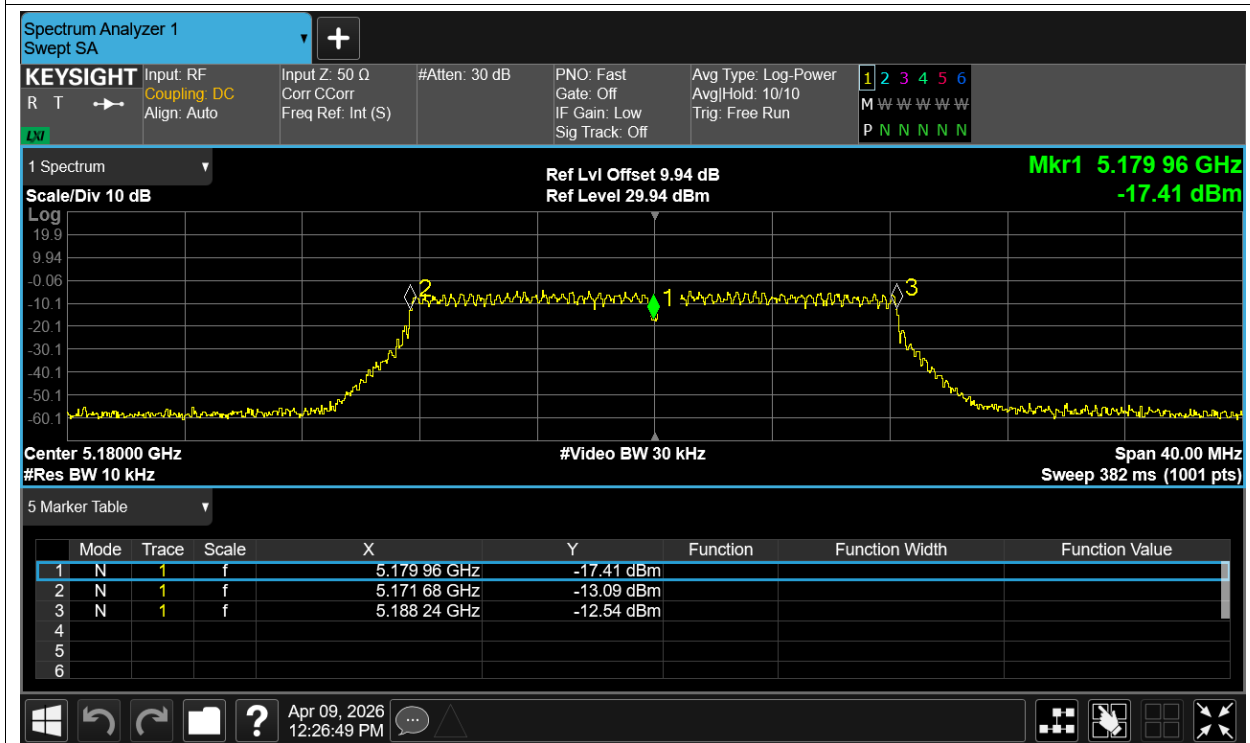
Freq. Stability NVHT a 5180MHz Ant2



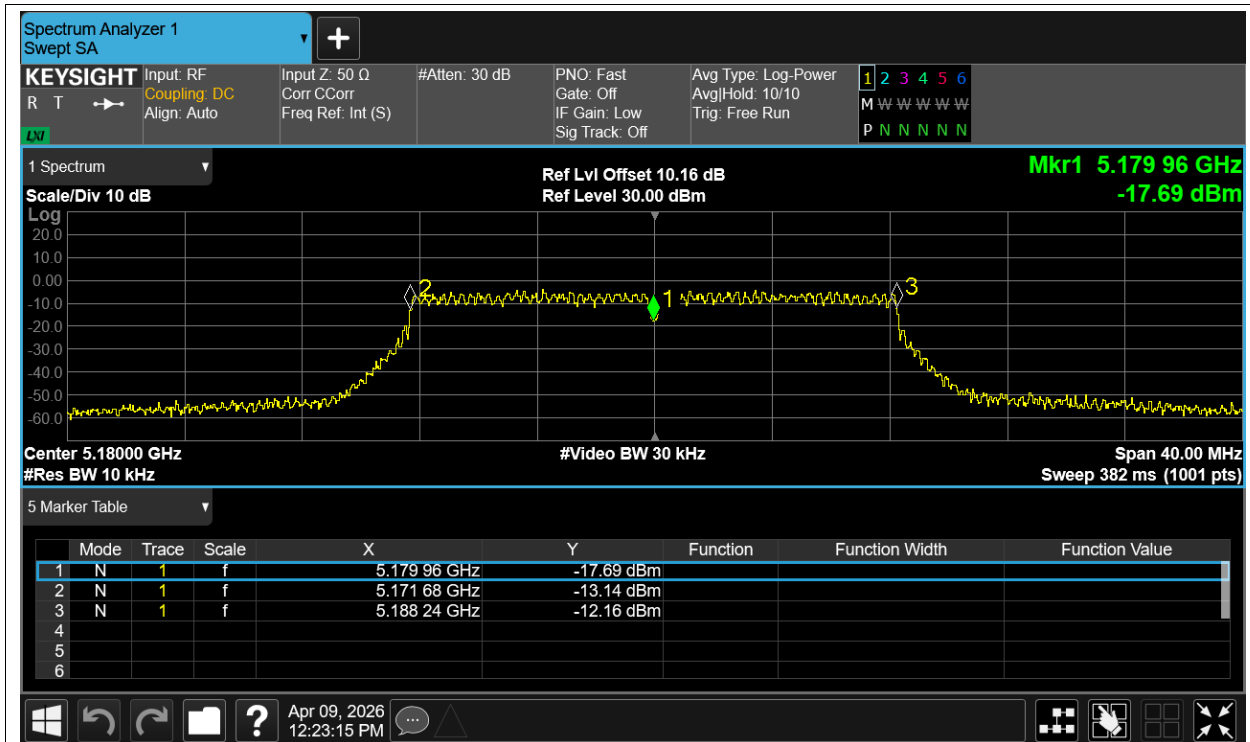
Freq. Stability NVLT a 5180MHz Ant1



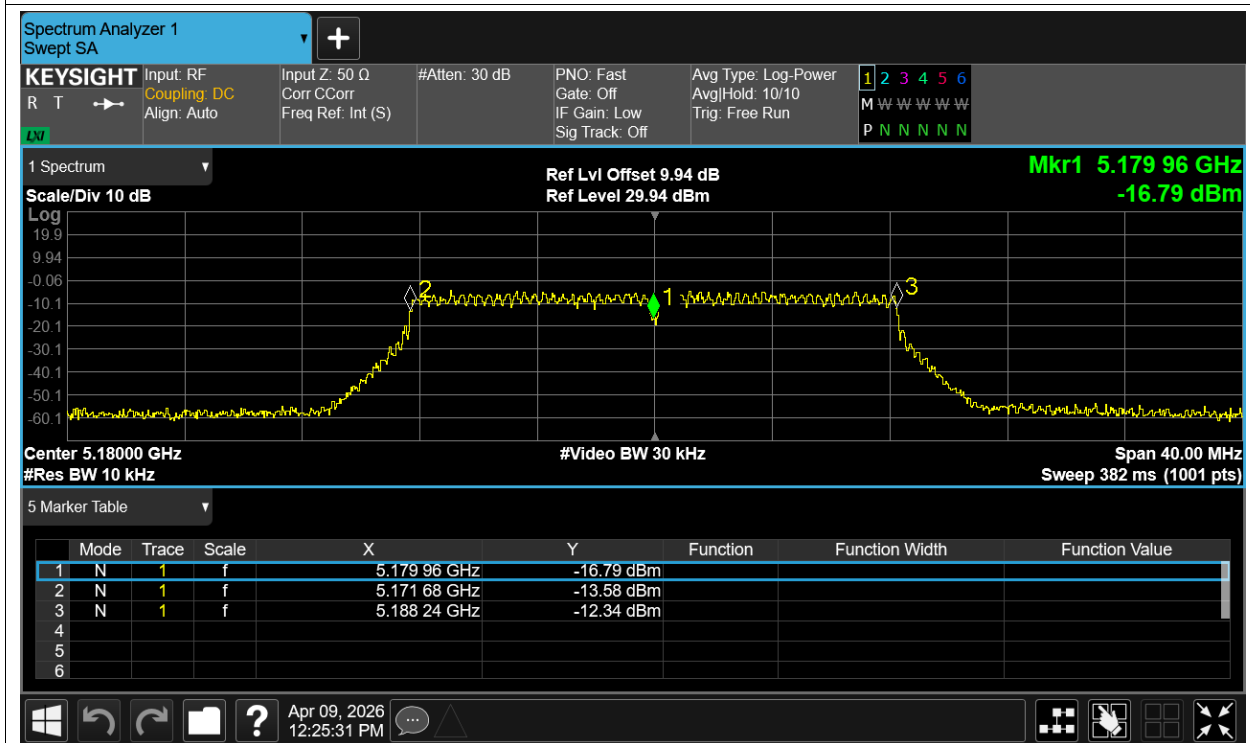
Freq. Stability NVLT a 5180MHz Ant2



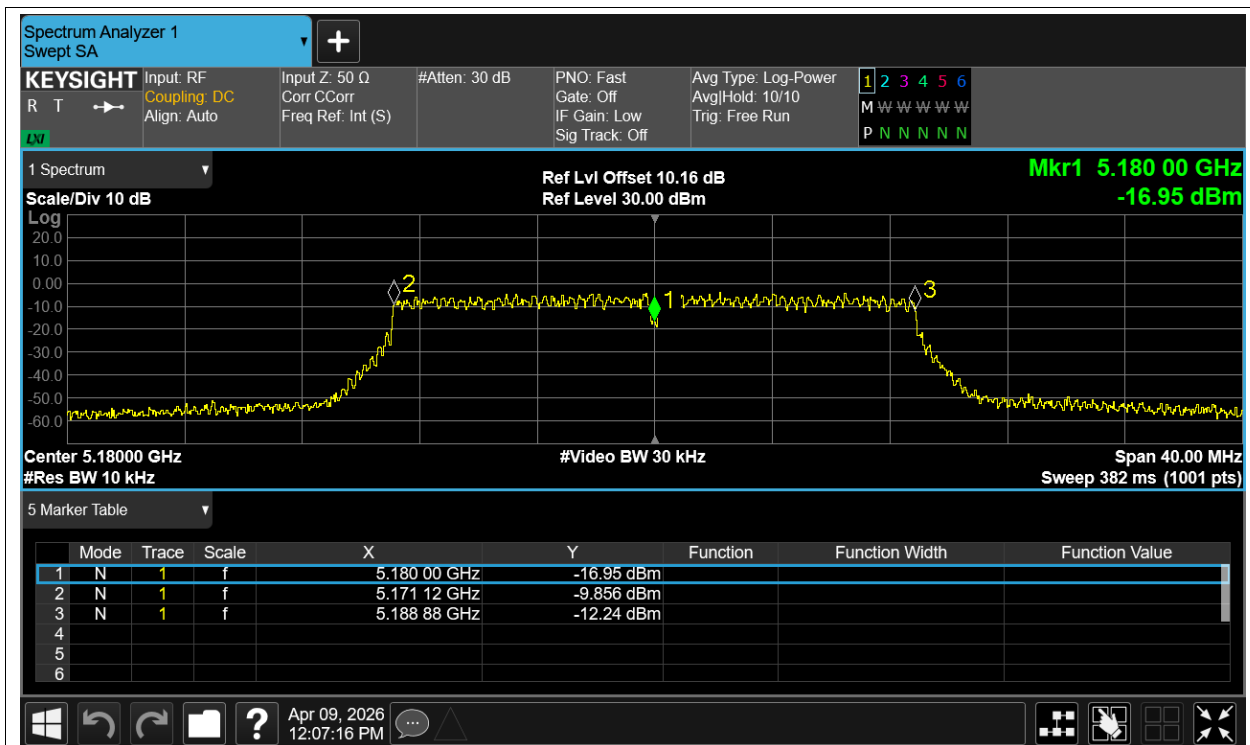
Freq. Stability NVNT a 5180MHz Ant1



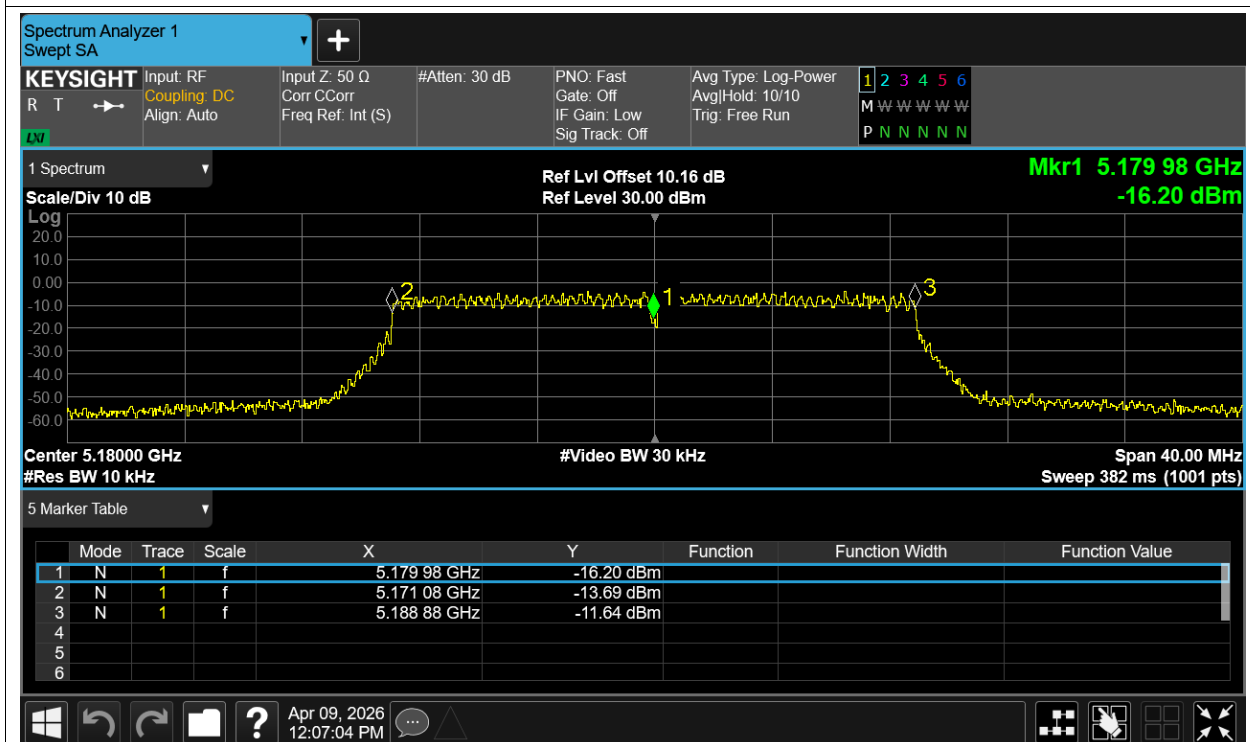
Freq. Stability NVNT a 5180MHz Ant2



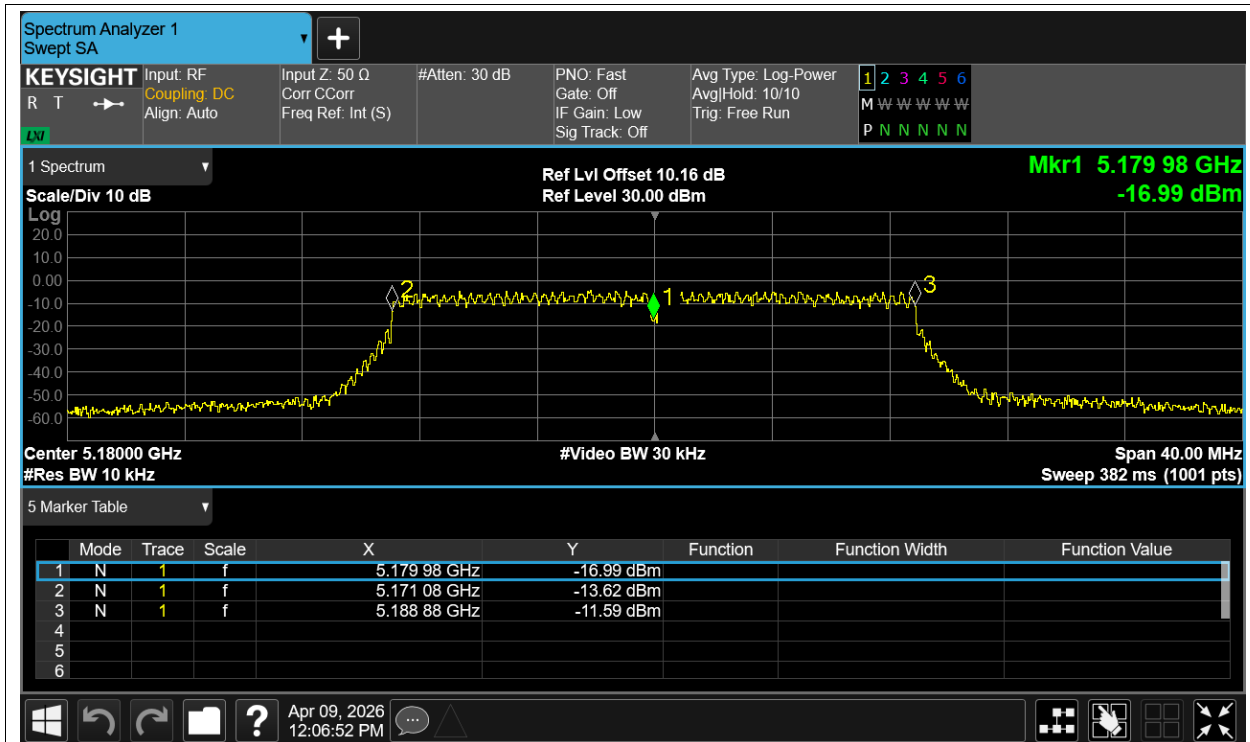
Freq. Stability HVNT ac20 5180MHz Sum



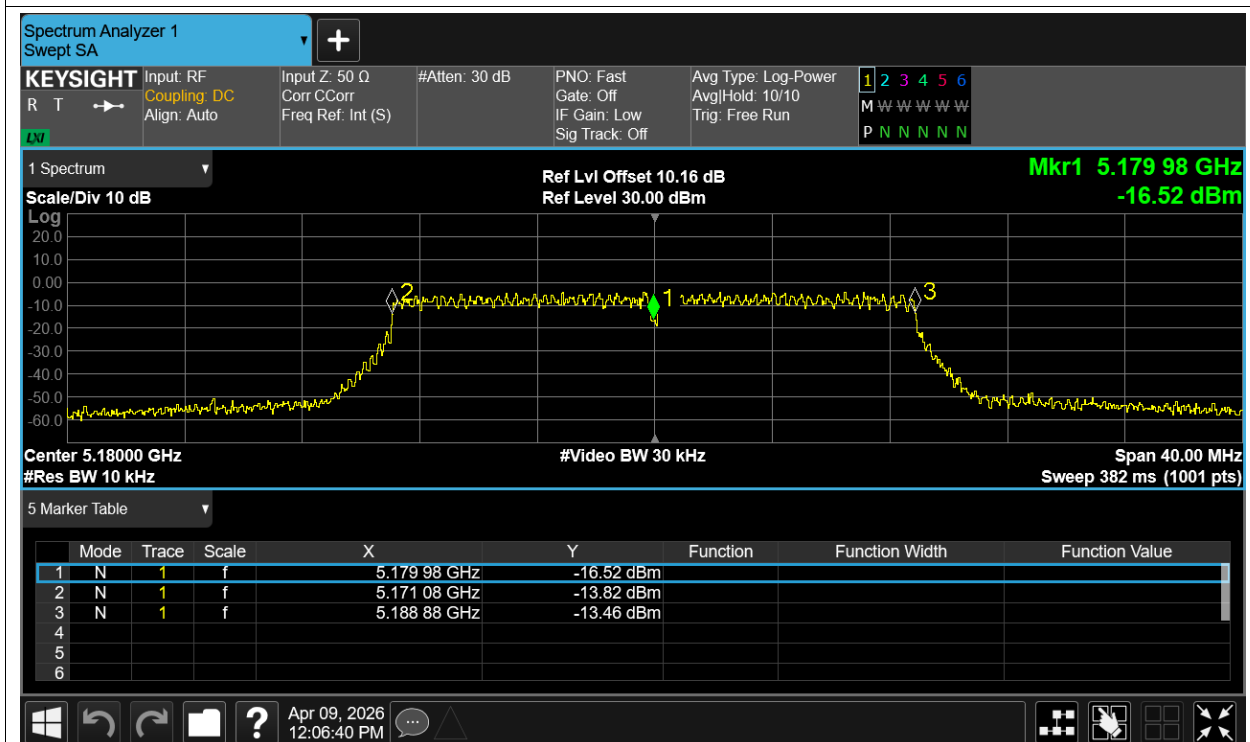
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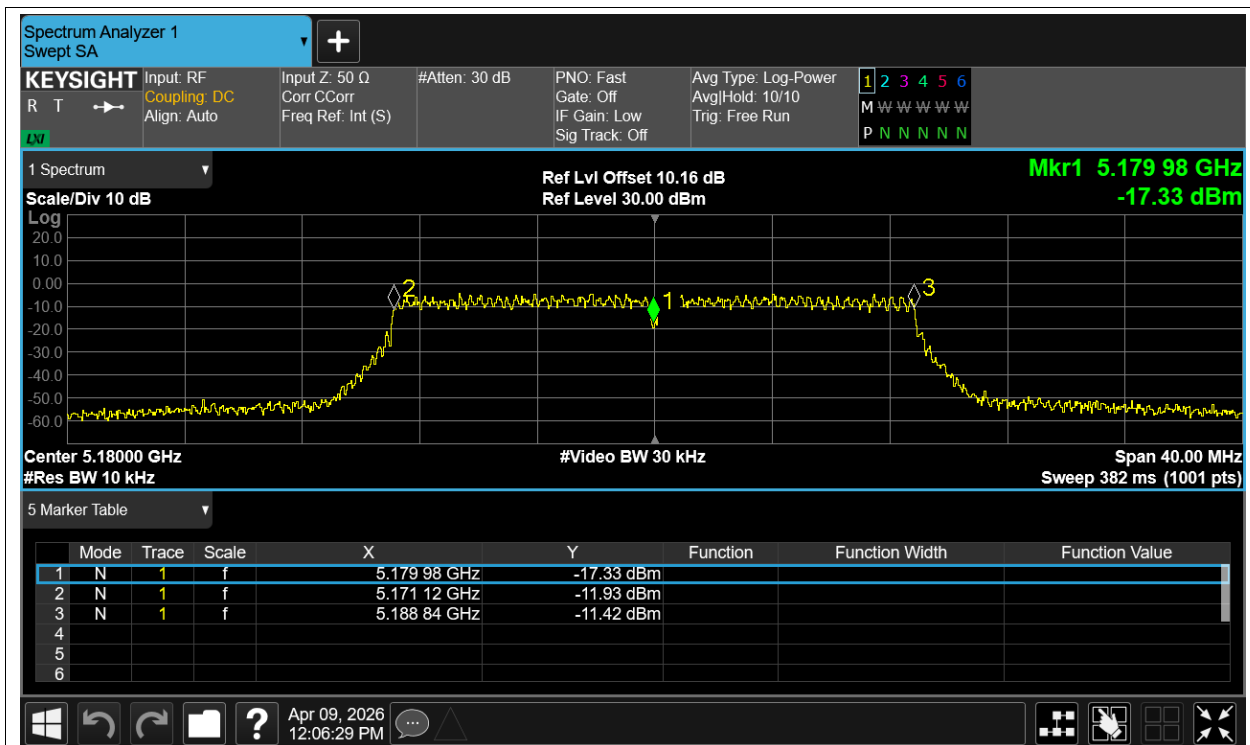
Freq. Stability NVHT ac20 5180MHz Sum



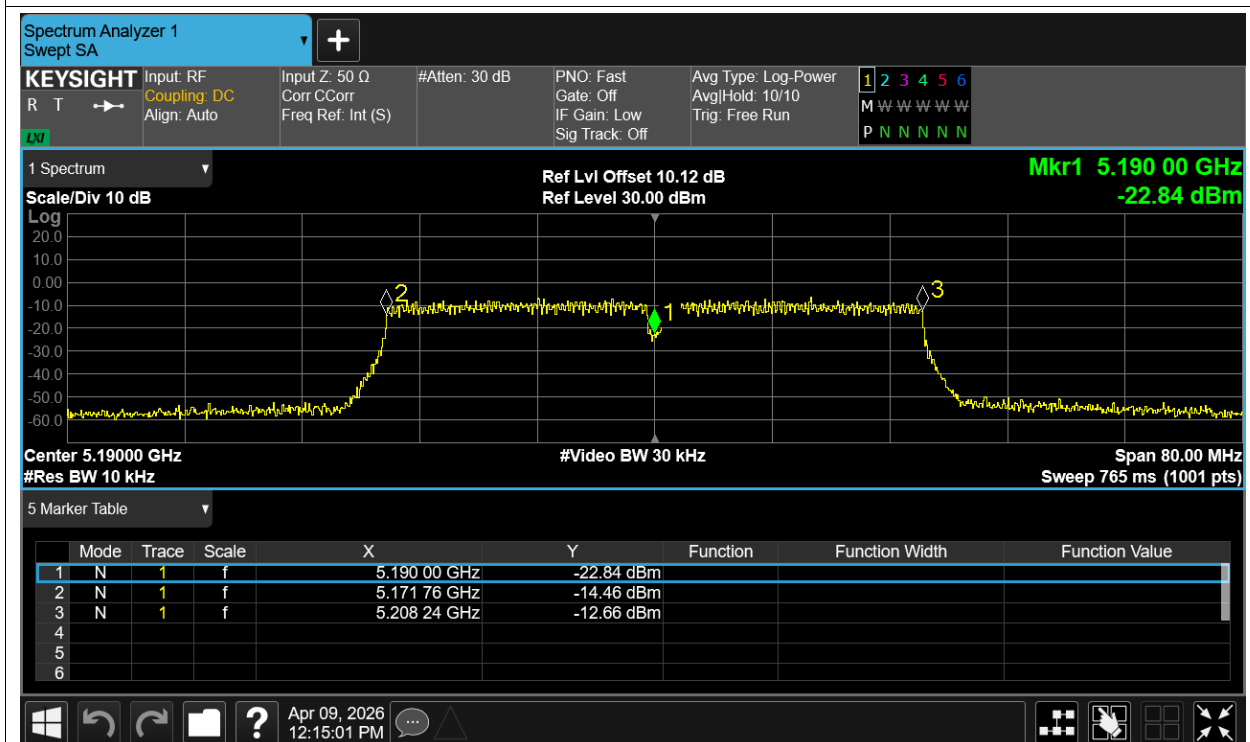
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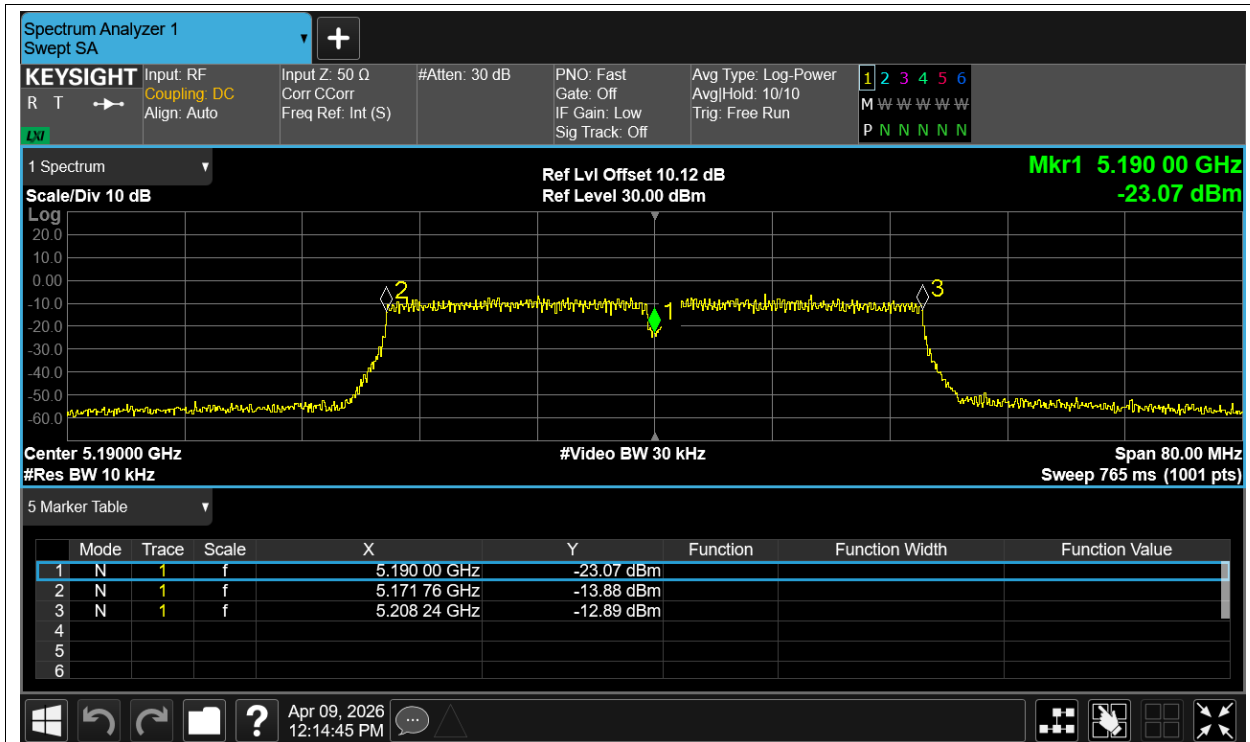
Freq. Stability NVNT ac20 5180MHz Sum



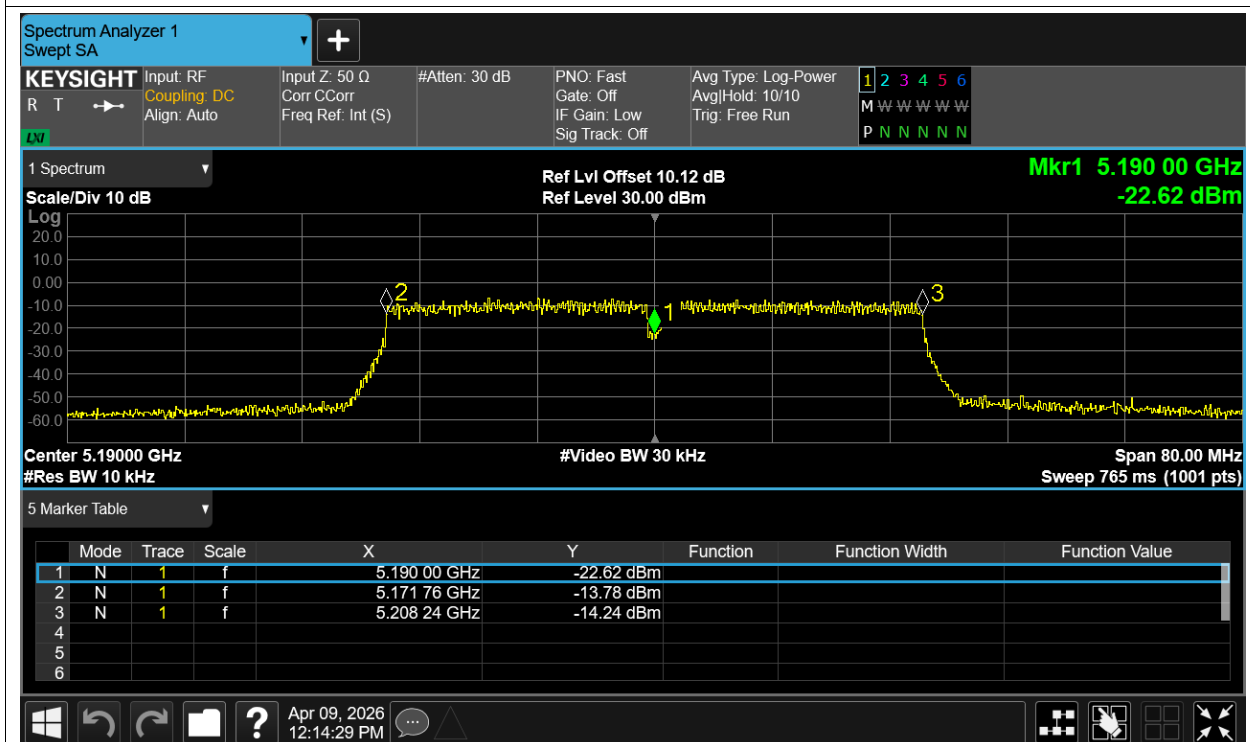
Freq. Stability HVNT ac40 5190MHz Sum



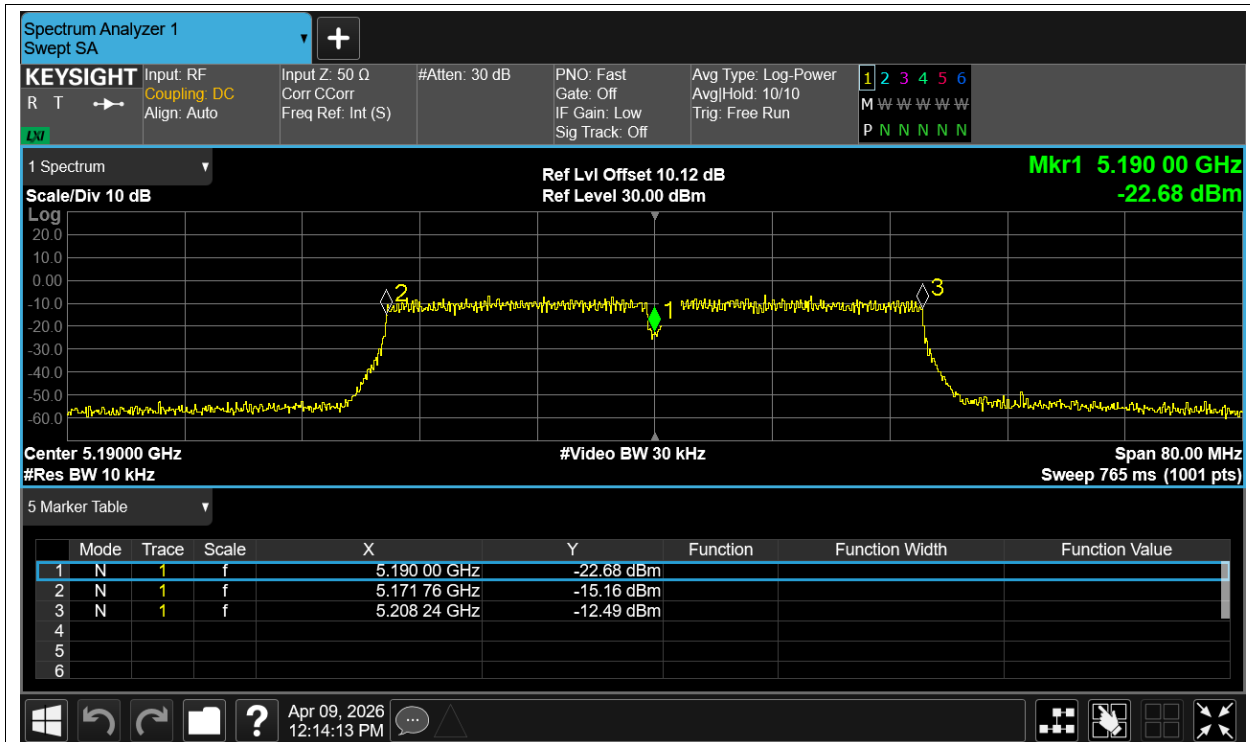
Freq. Stability LVNT ac40 5190MHz Sum



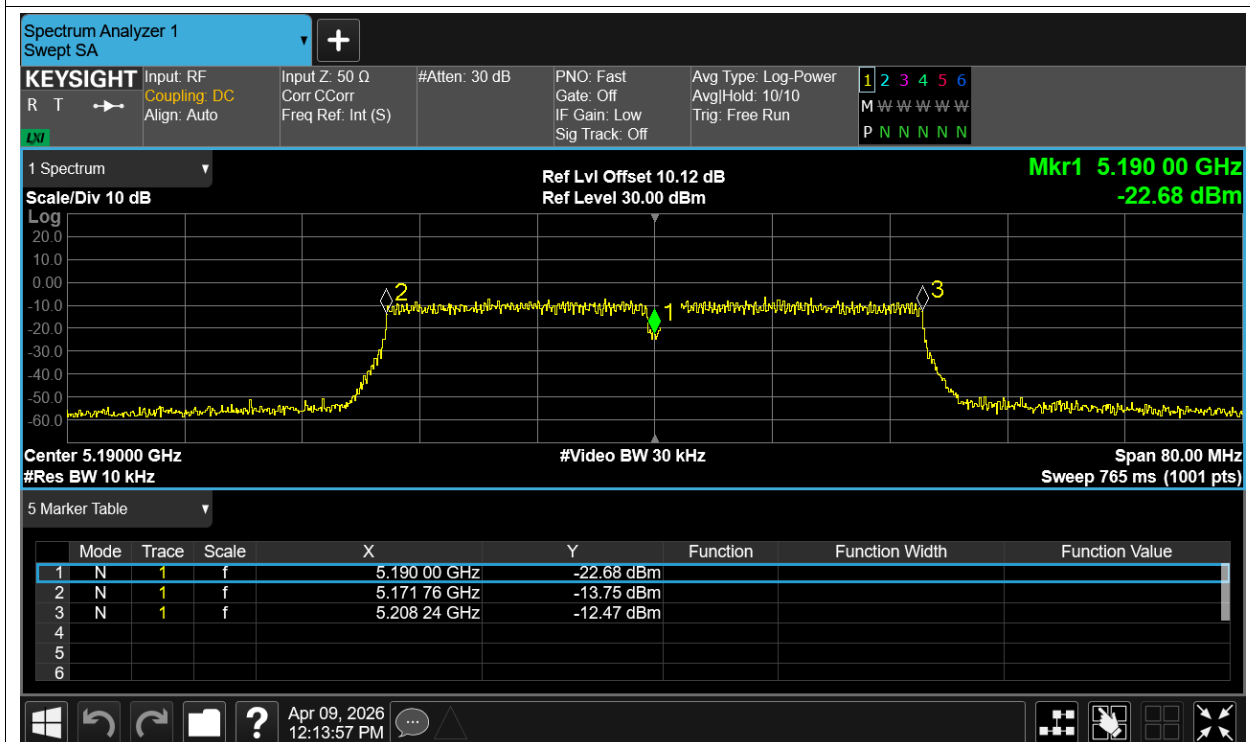
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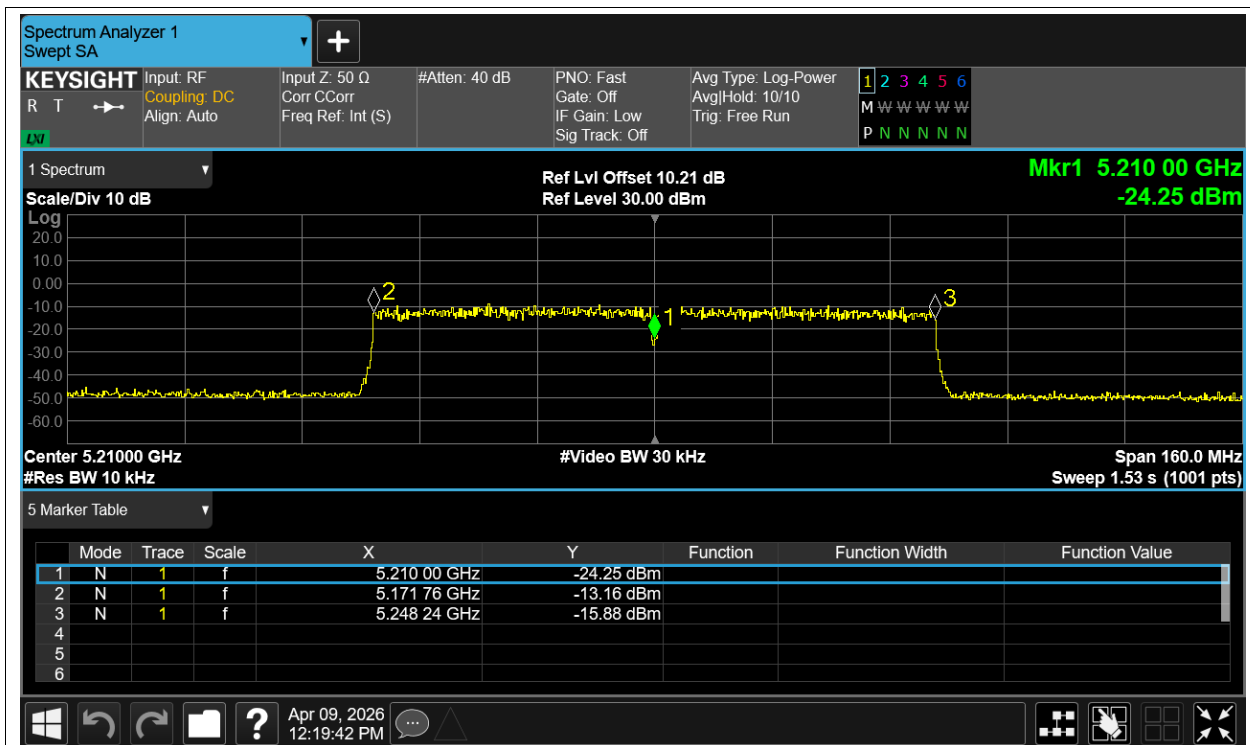
Freq. Stability NVLT ac40 5190MHz Sum



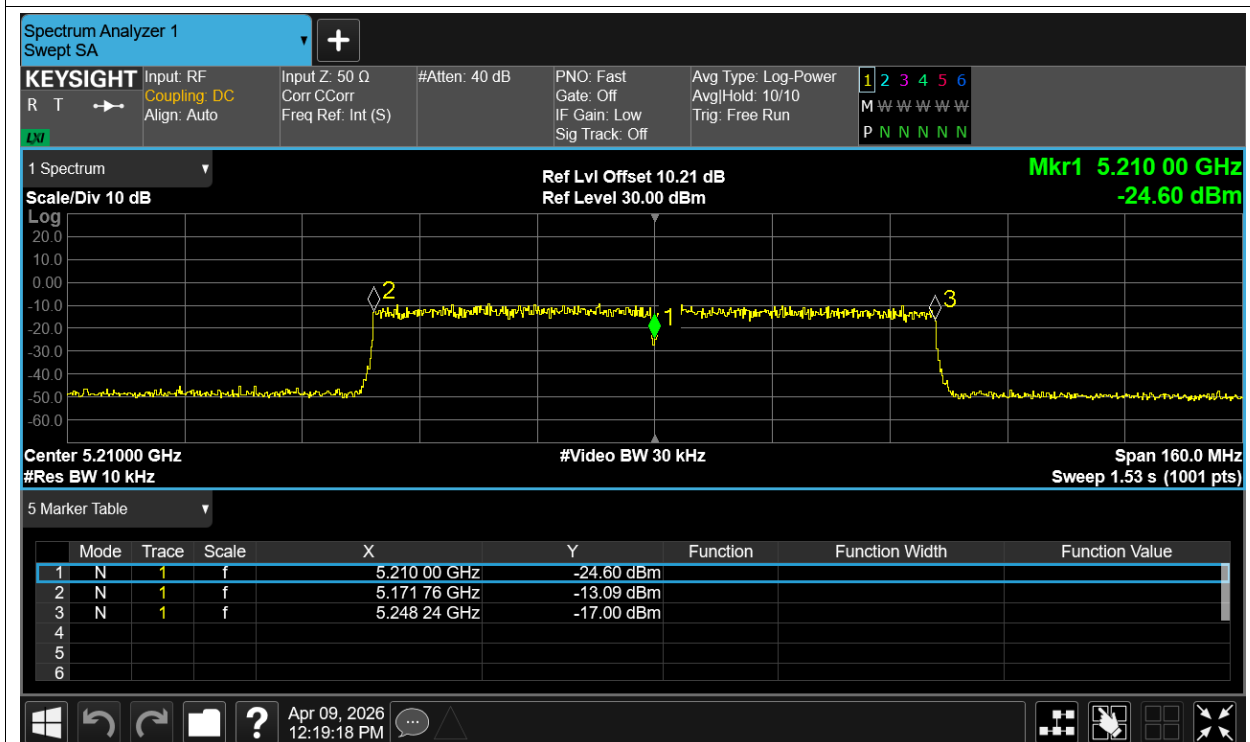
Freq. Stability NVNT ac40 5190MHz Sum



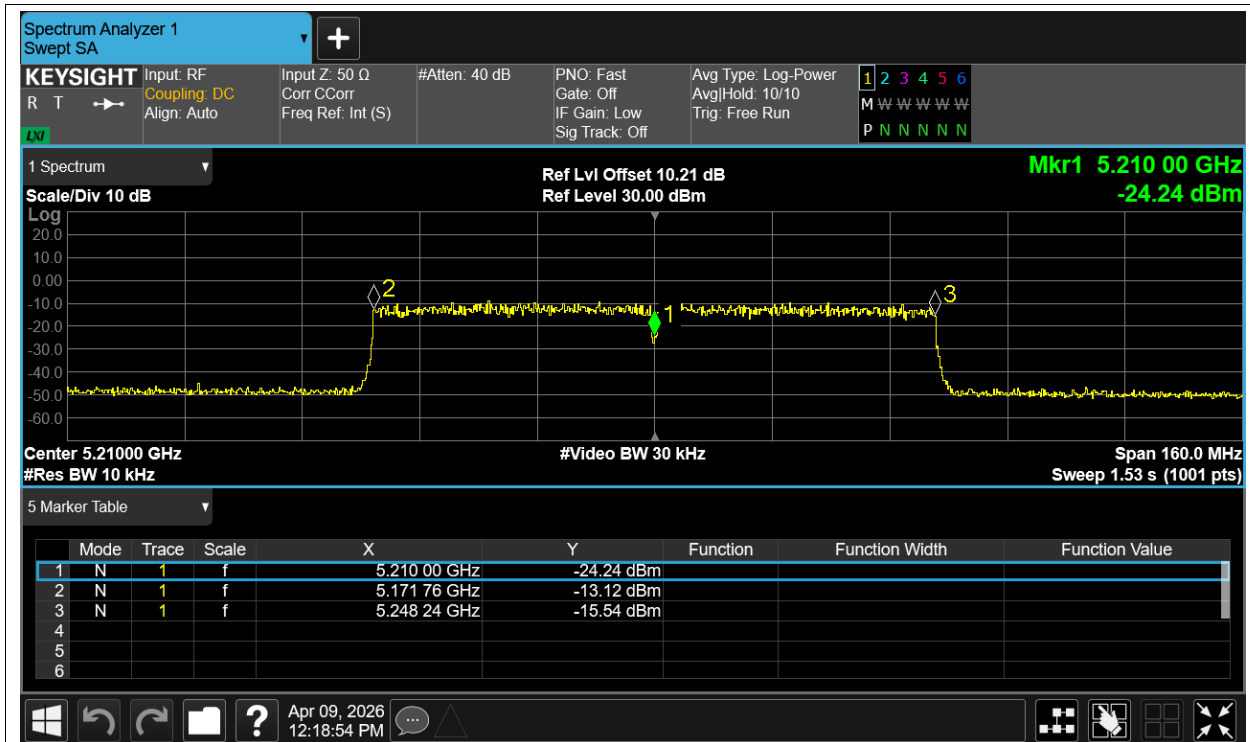
Freq. Stability HVNT ac80 5210MHz Sum



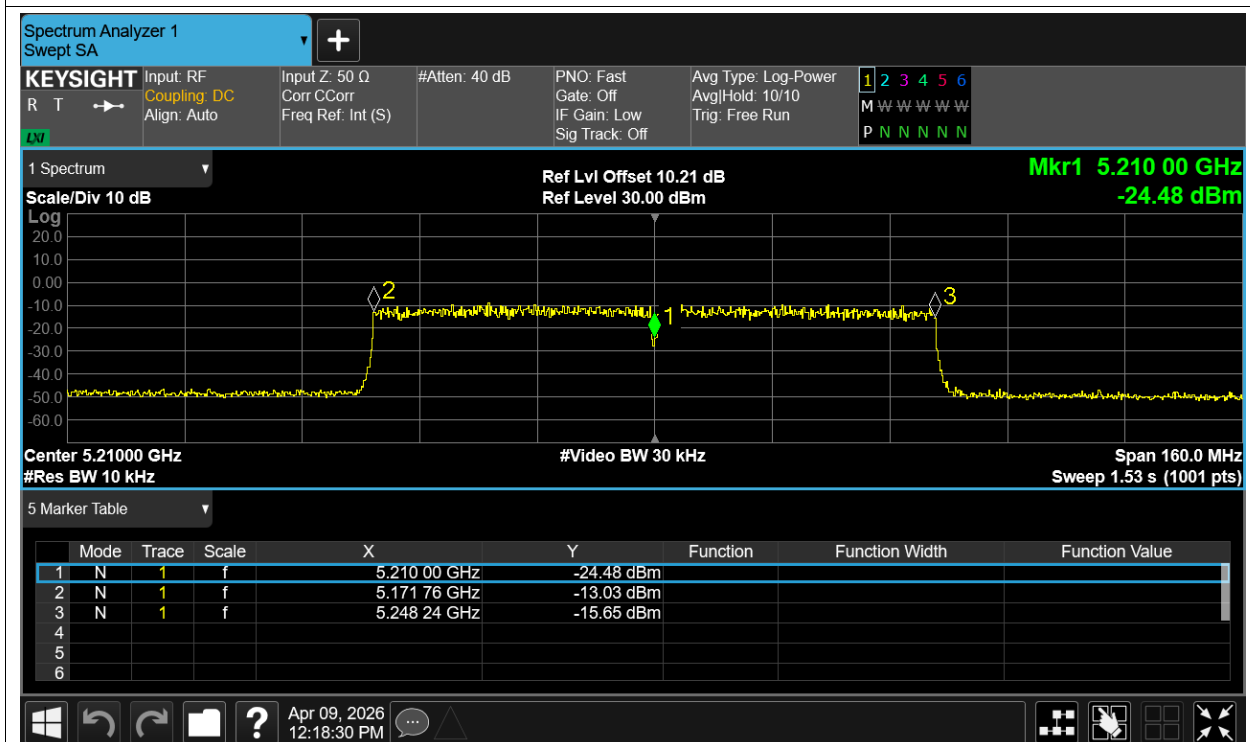
Freq. Stability LVNT ac80 5210MHz Sum



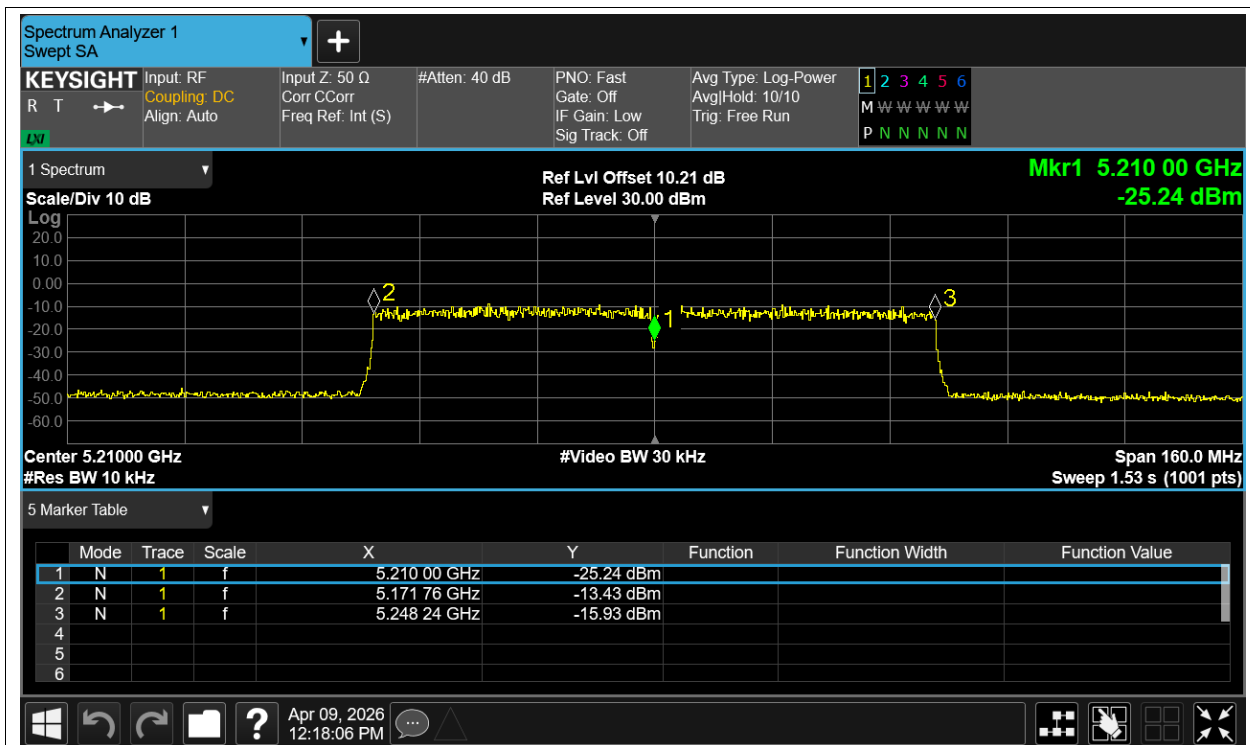
Freq. Stability NVHT ac80 5210MHz Sum



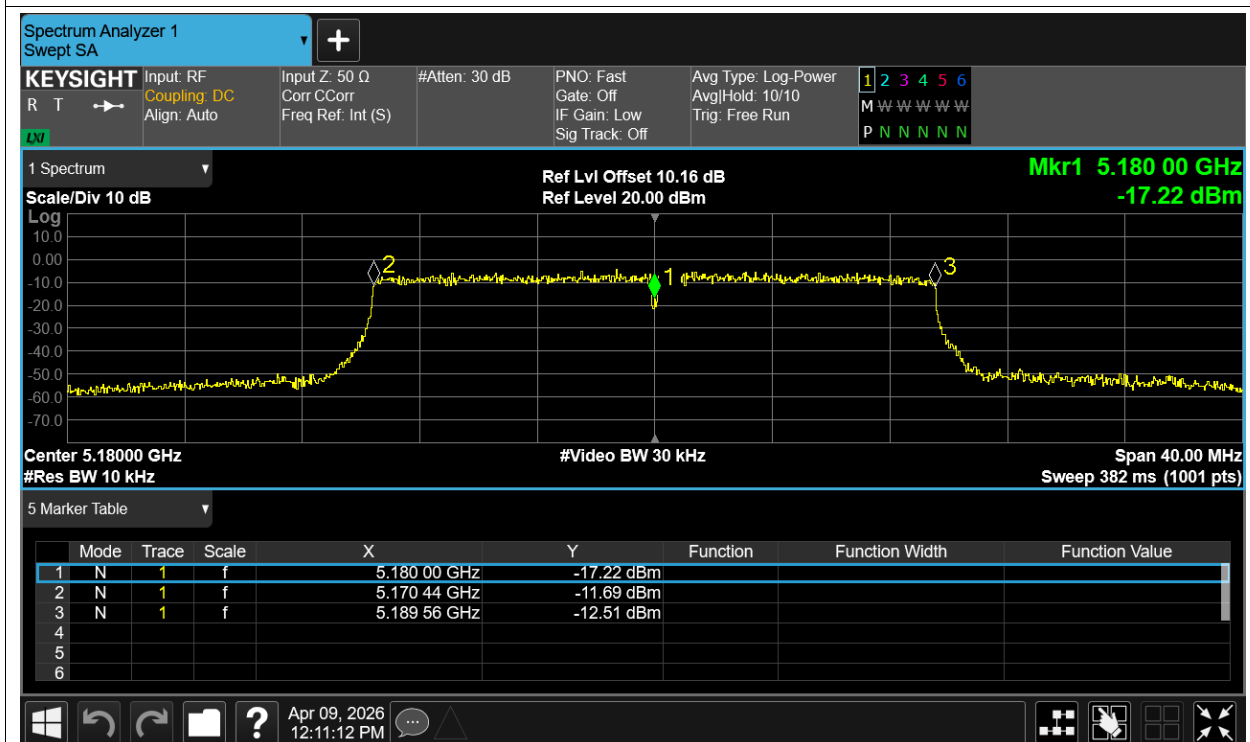
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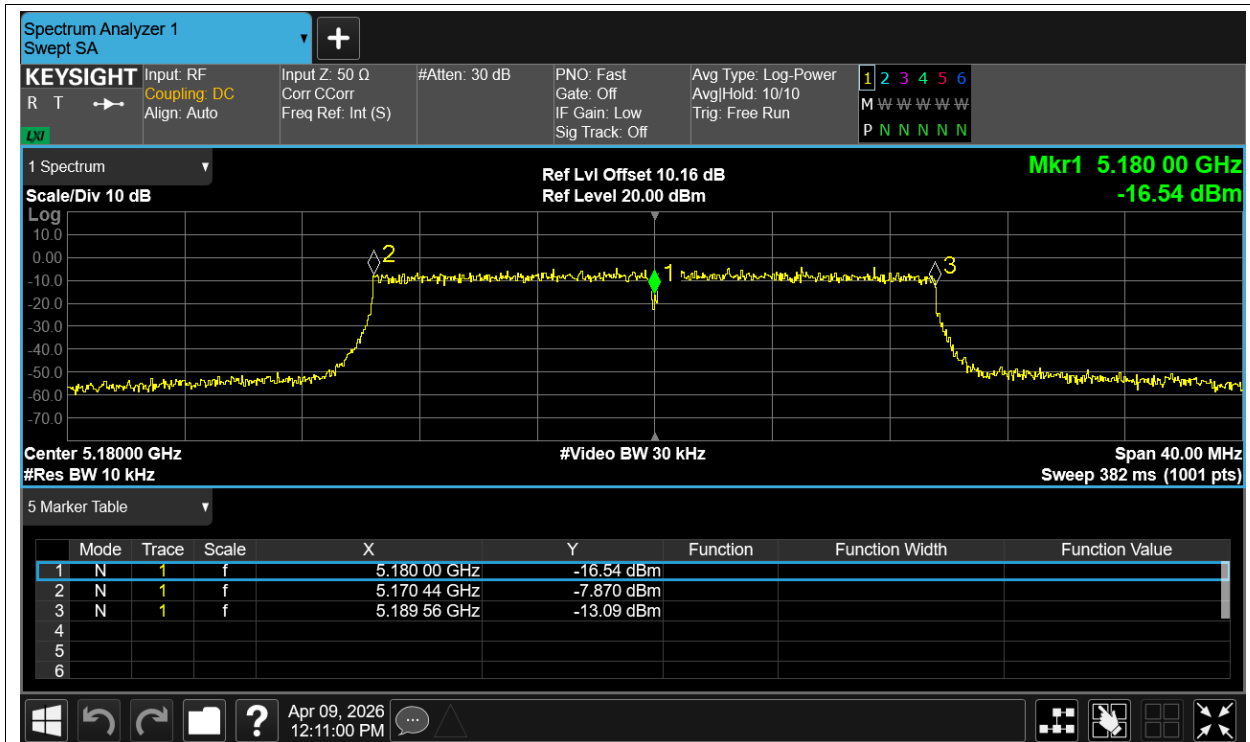
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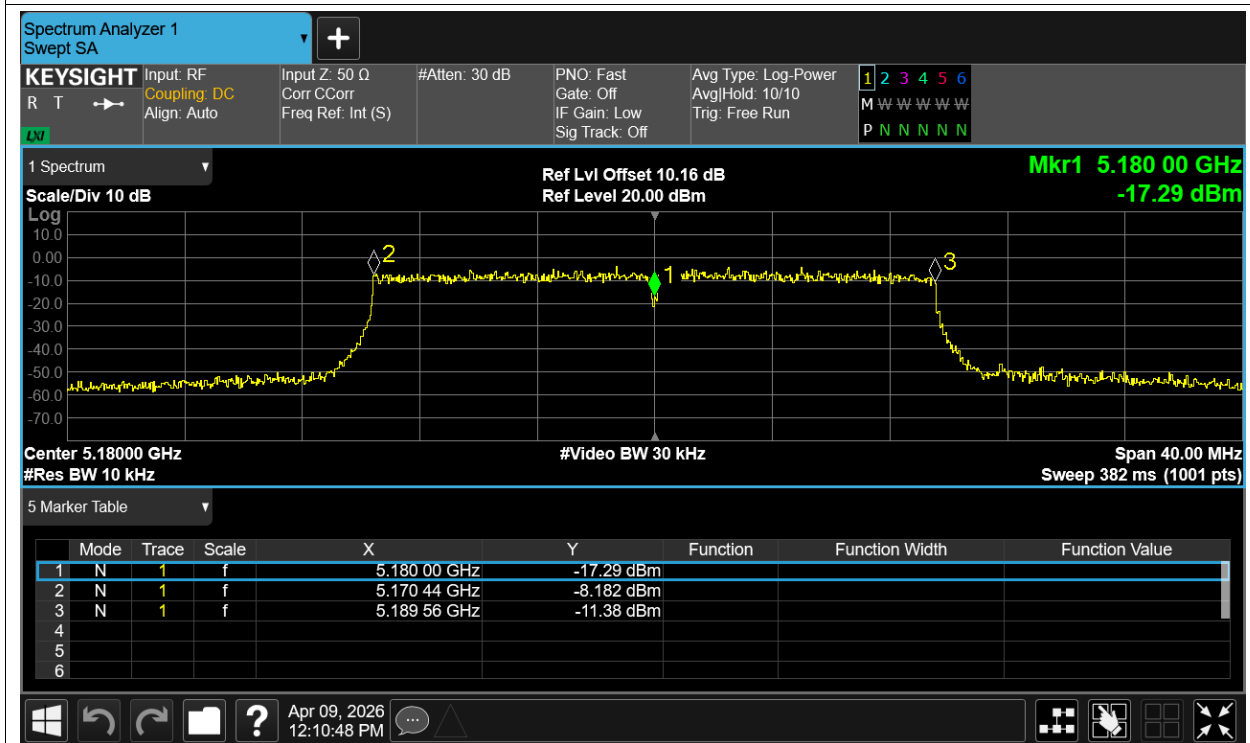
Freq. Stability HVNT ax20 5180MHz Sum



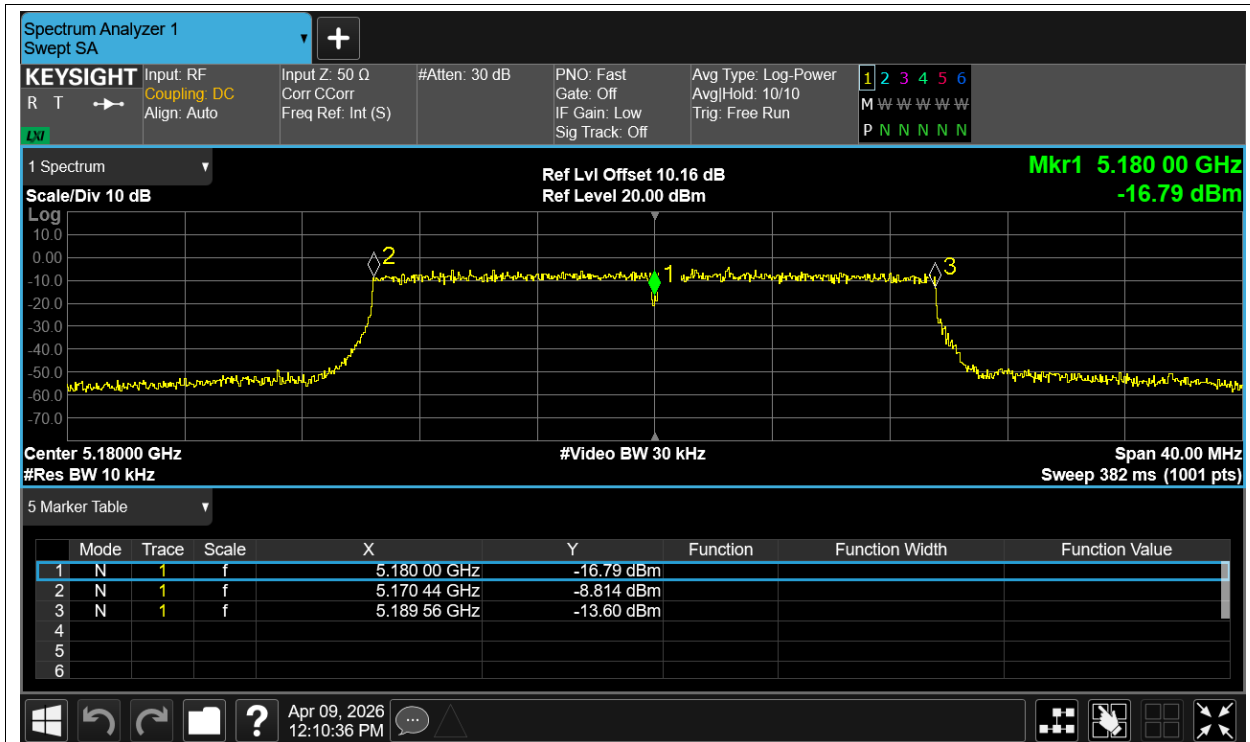
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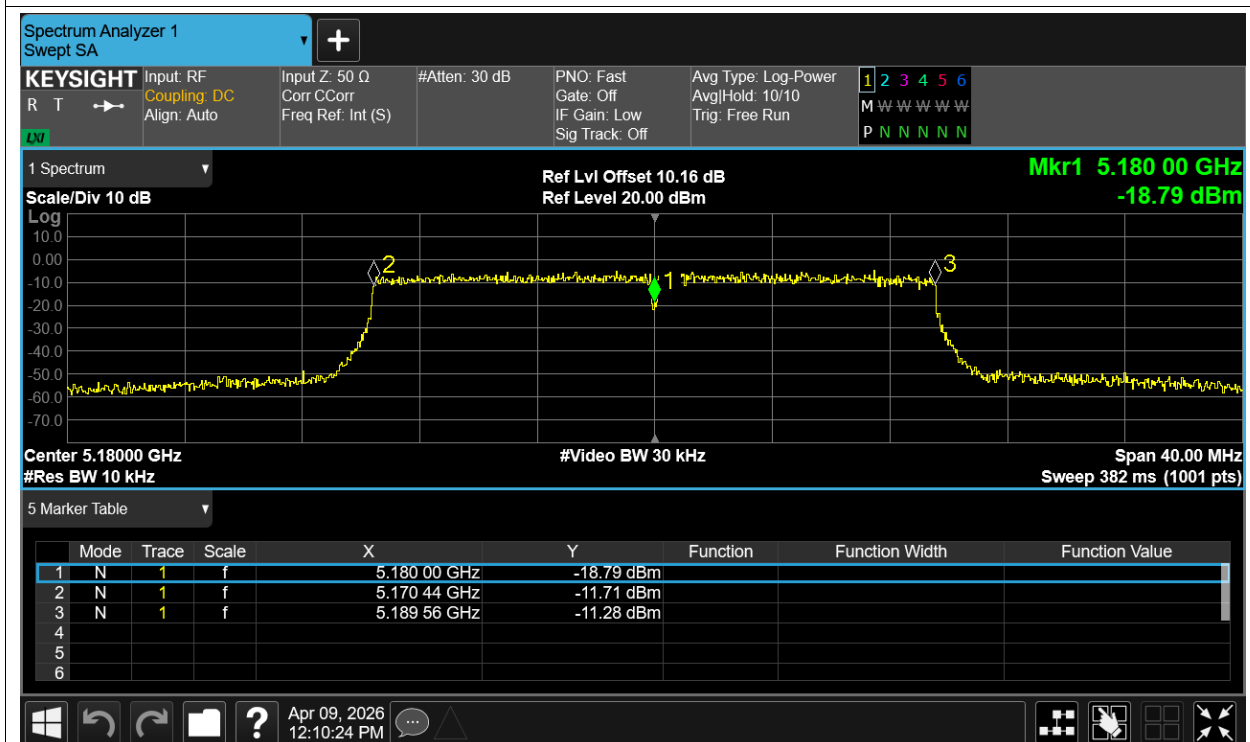
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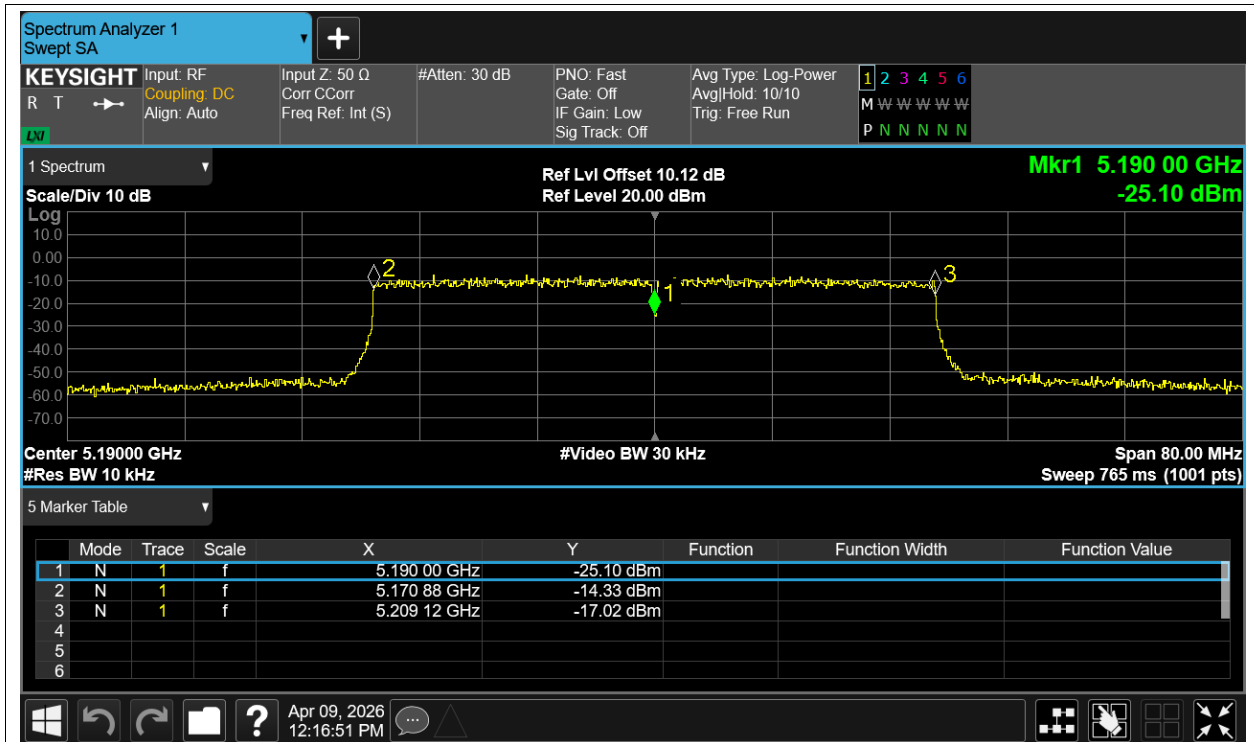
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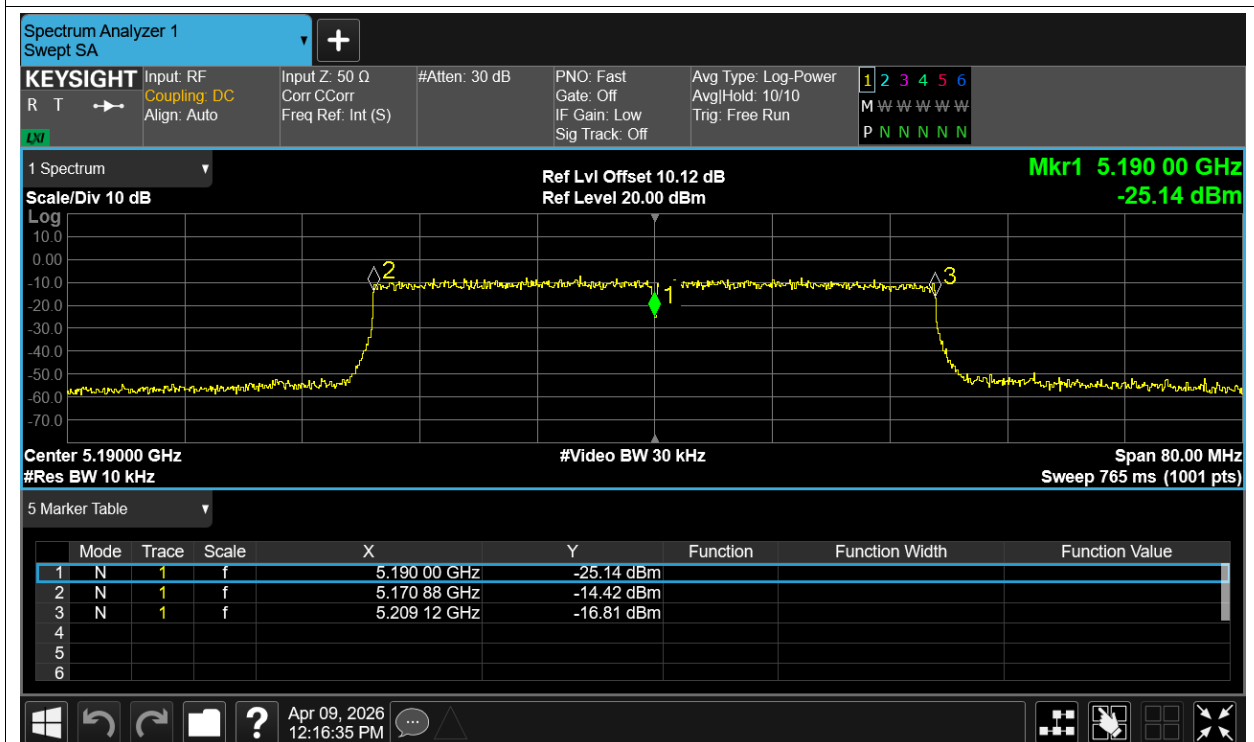
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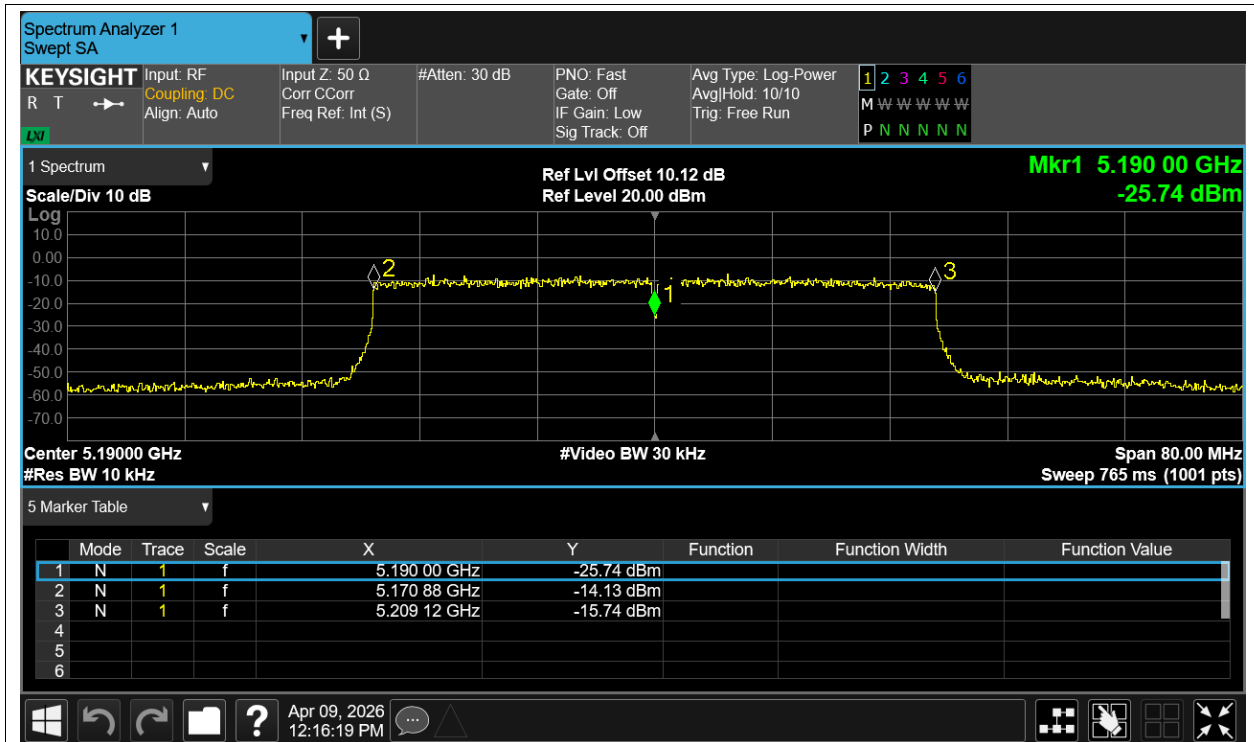
Freq. Stability HVNT ax40 5190MHz Sum



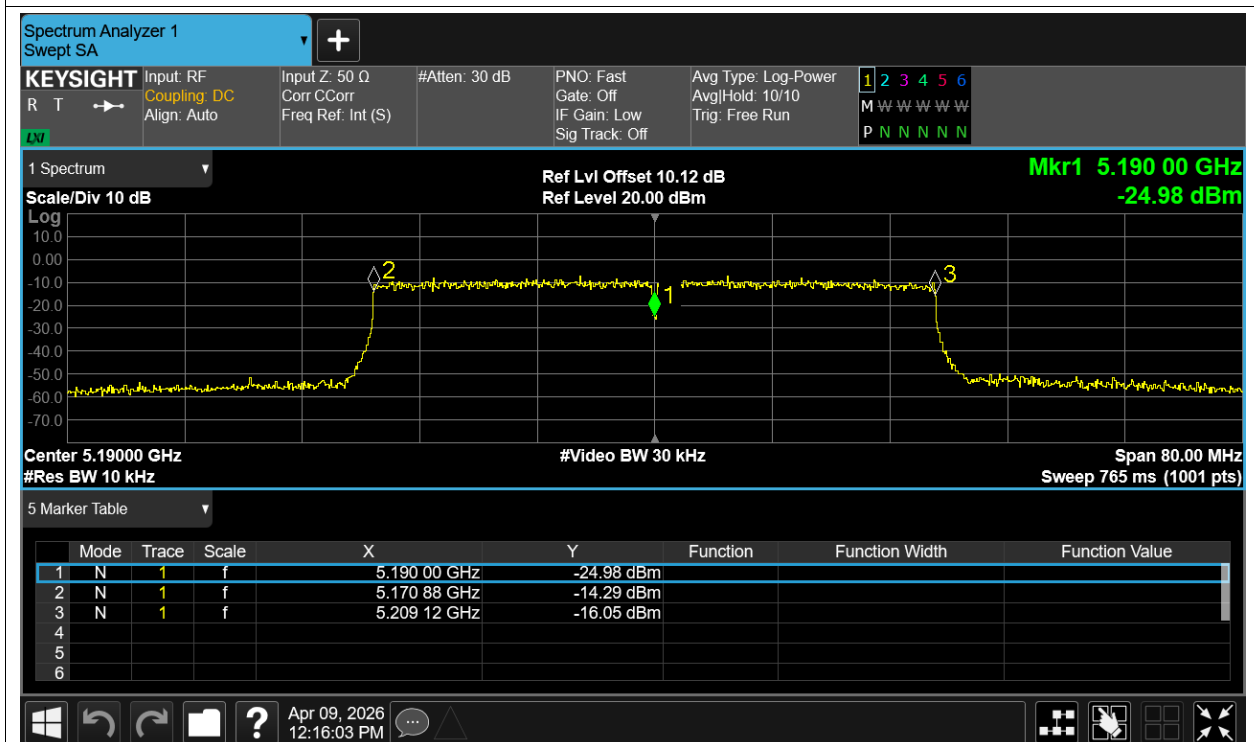
Freq. Stability LVNT ax40 5190MHz Sum



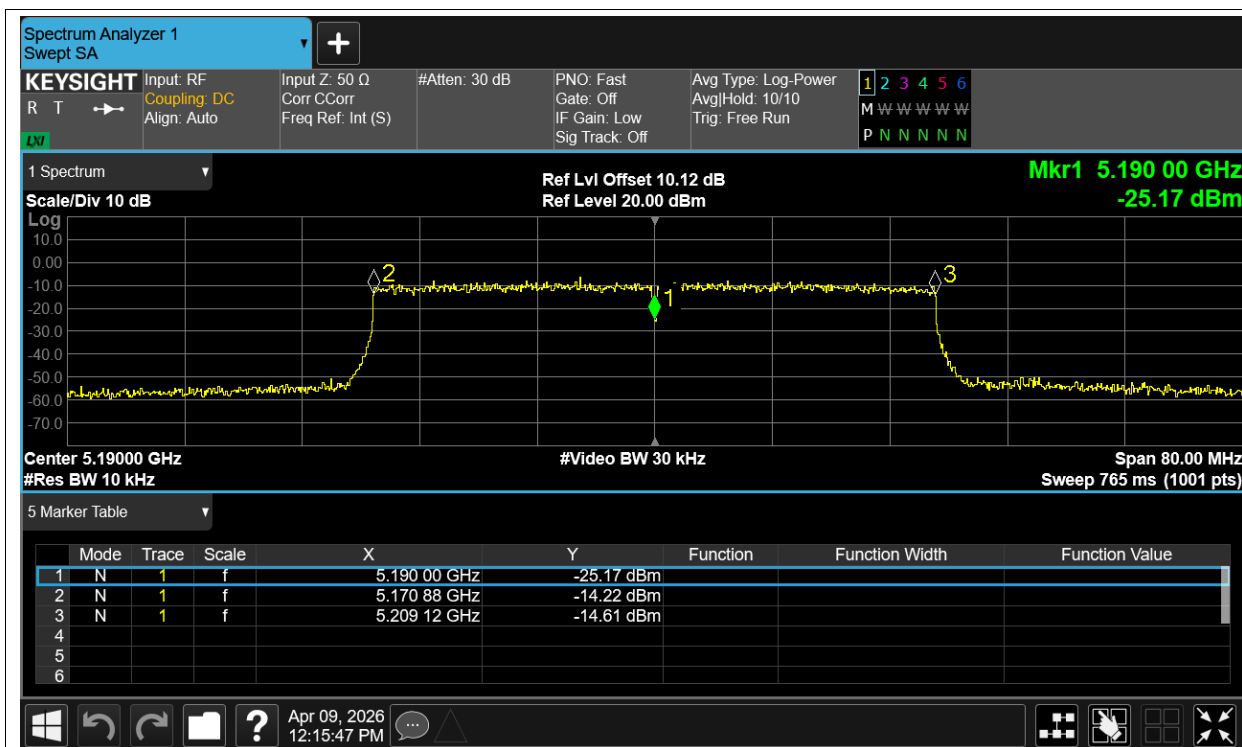
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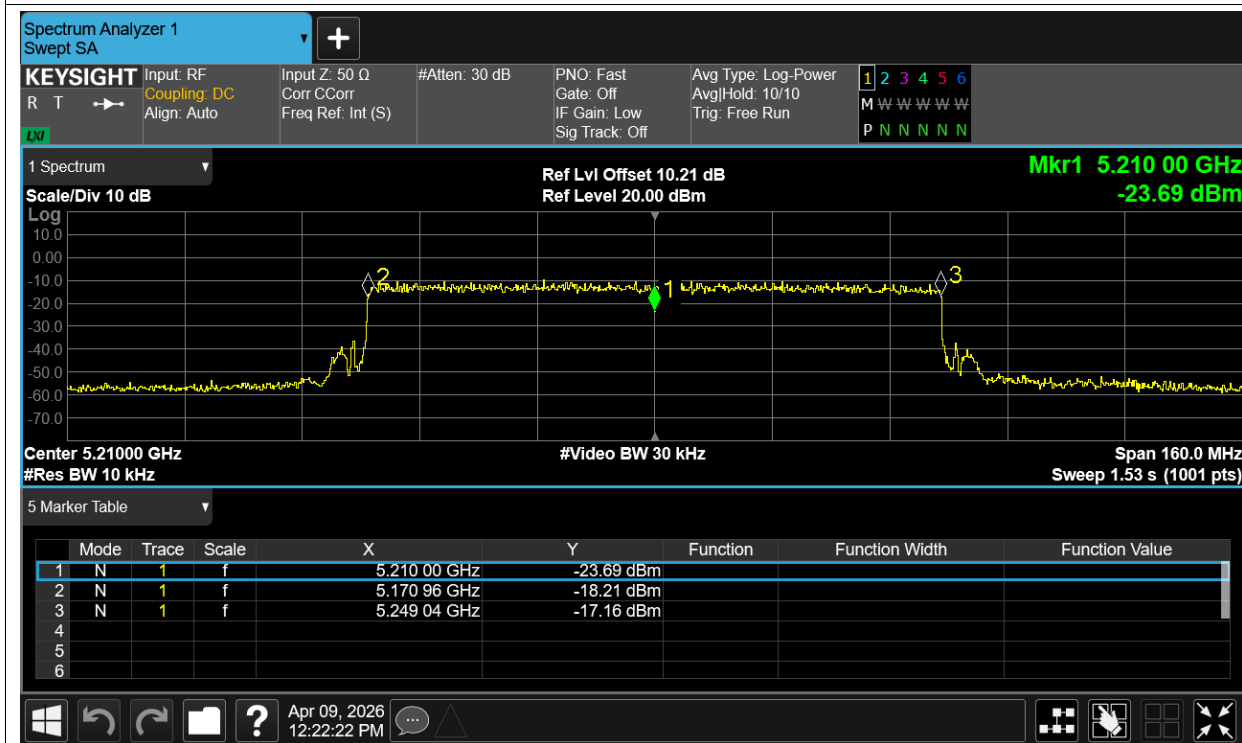
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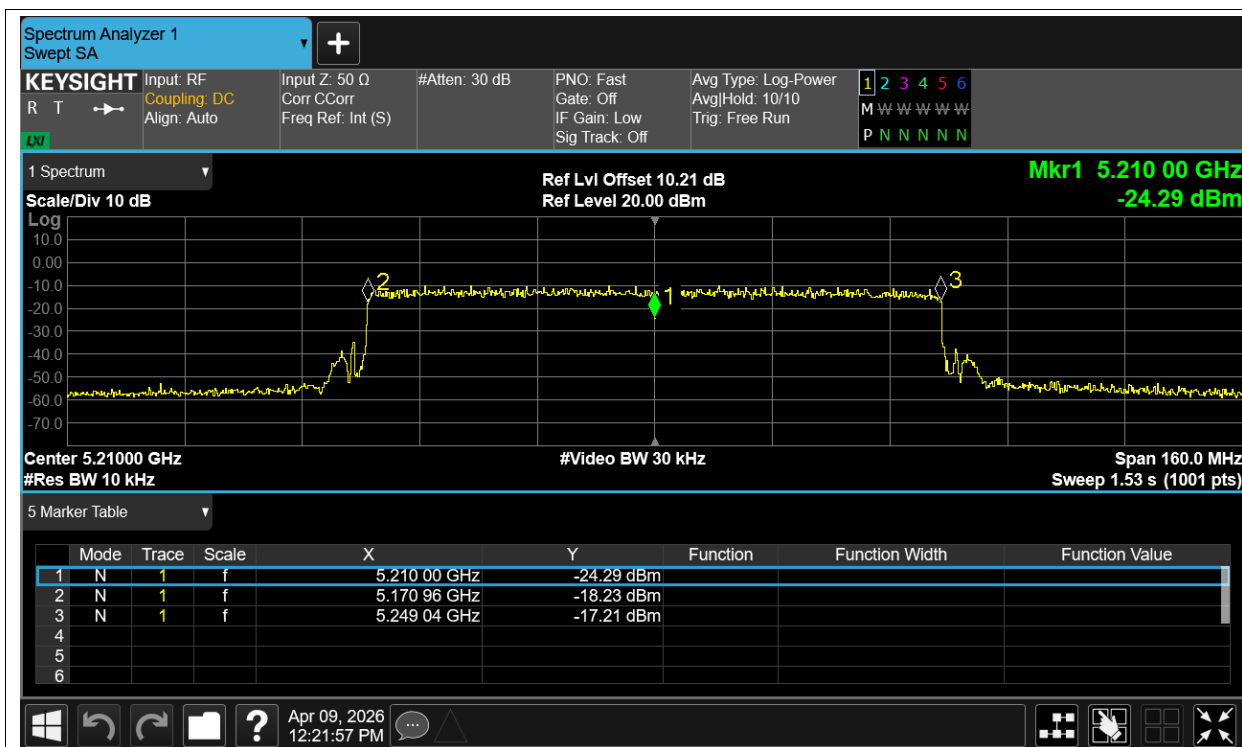
Freq. Stability NVNT ax40 5190MHz Sum



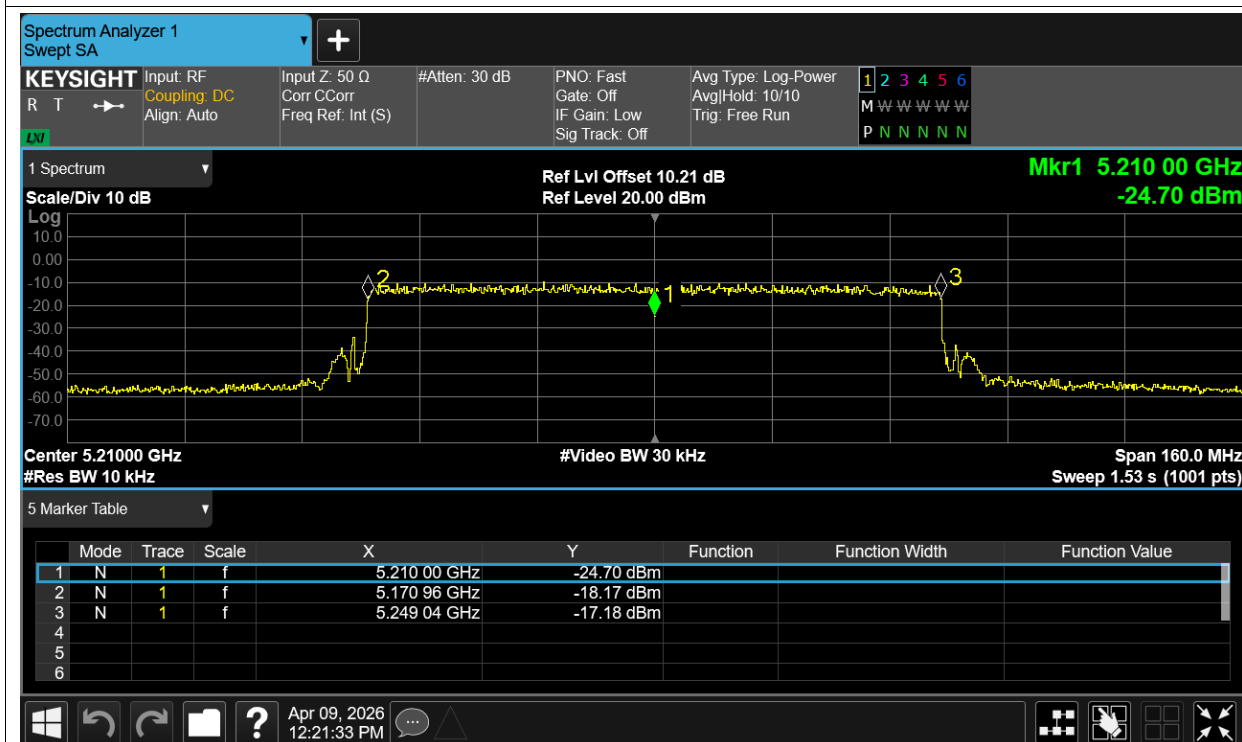
Freq. Stability HVNT ax80 5210MHz Sum



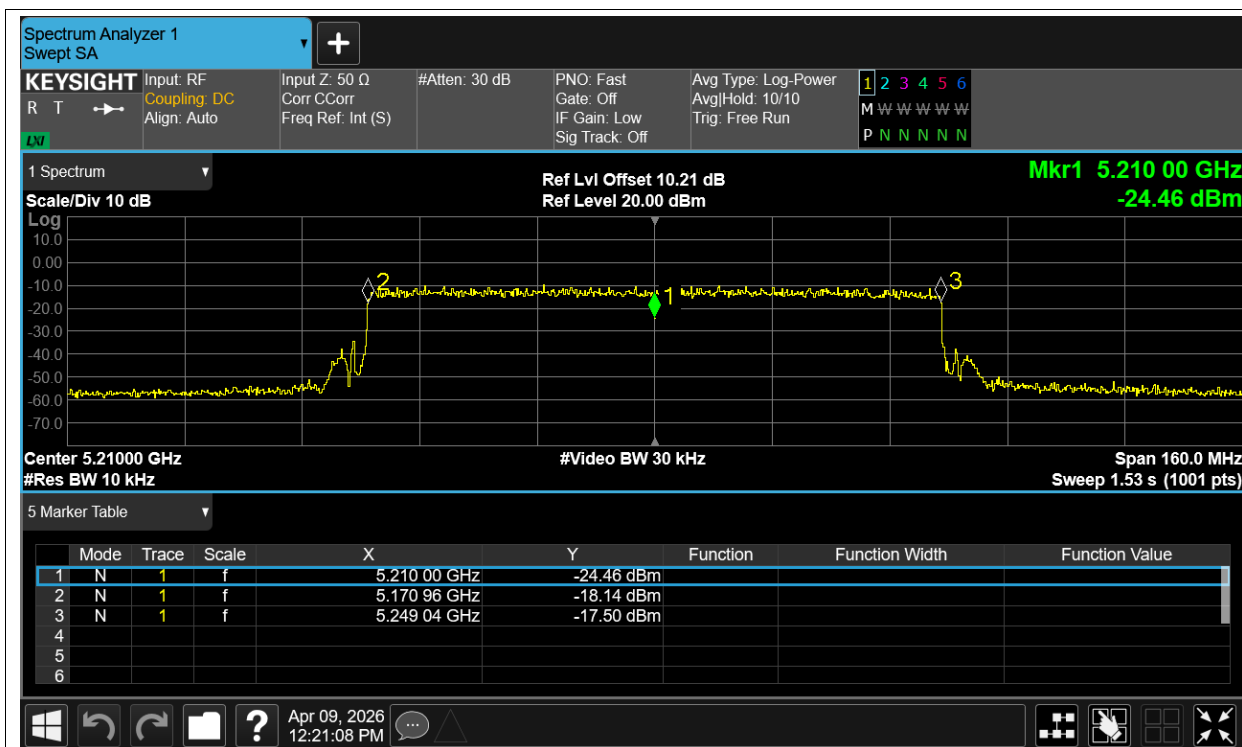
Freq. Stability LVNT ax80 5210MHz Sum



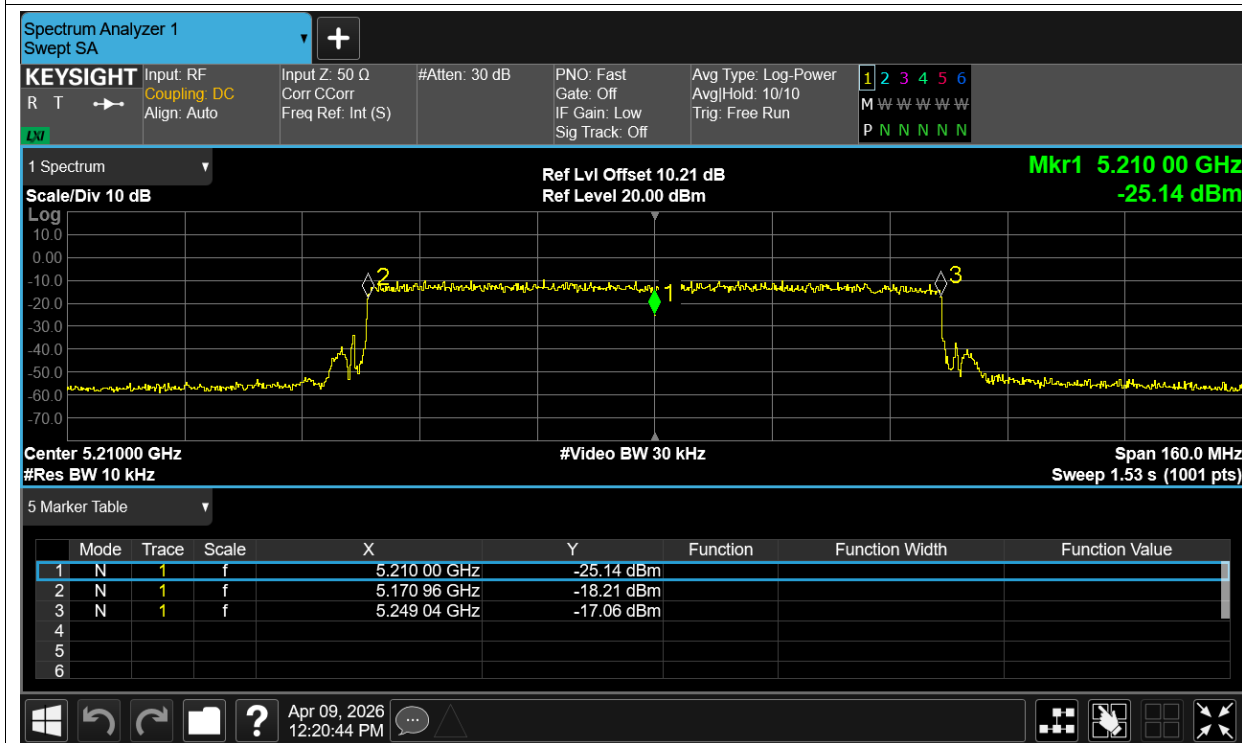
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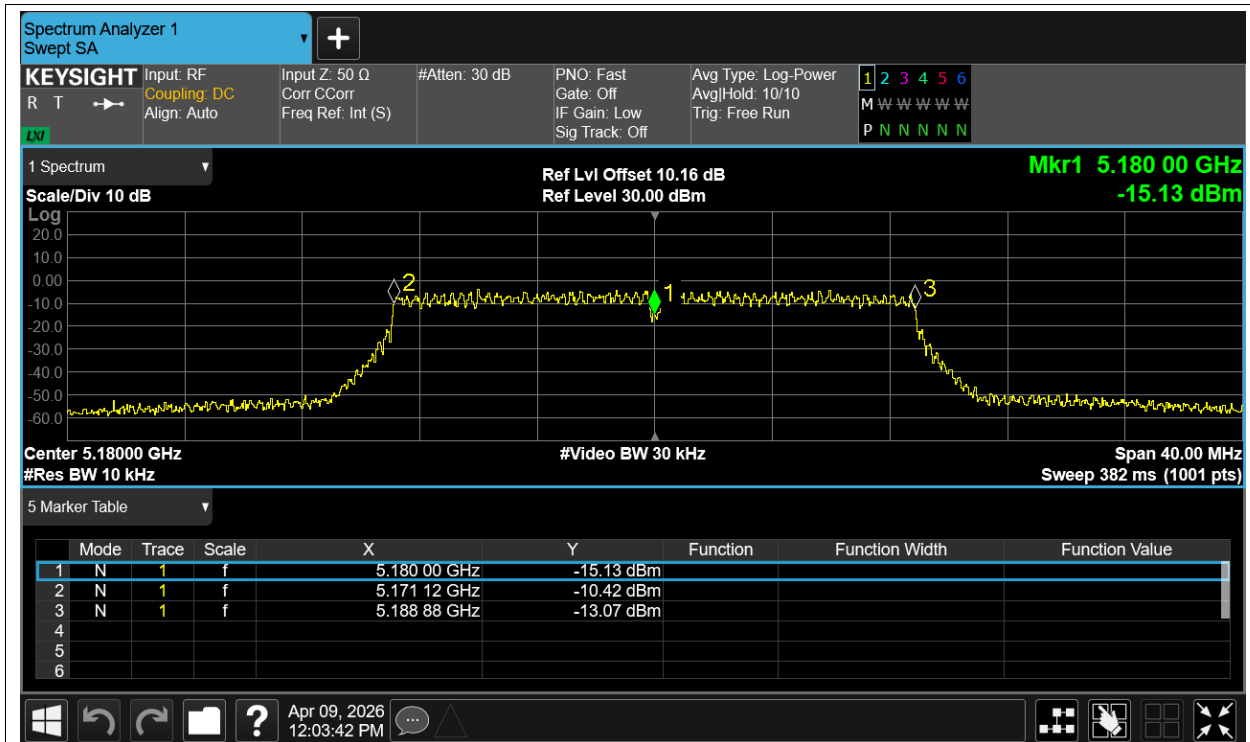
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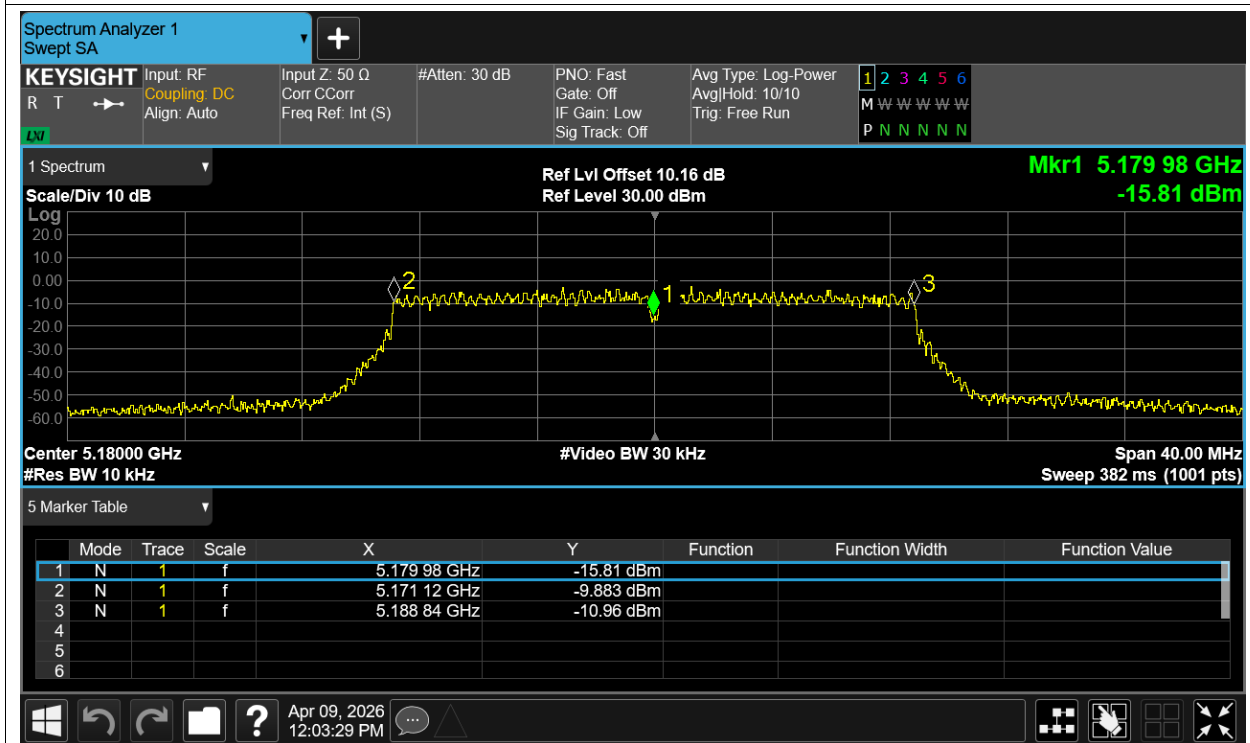
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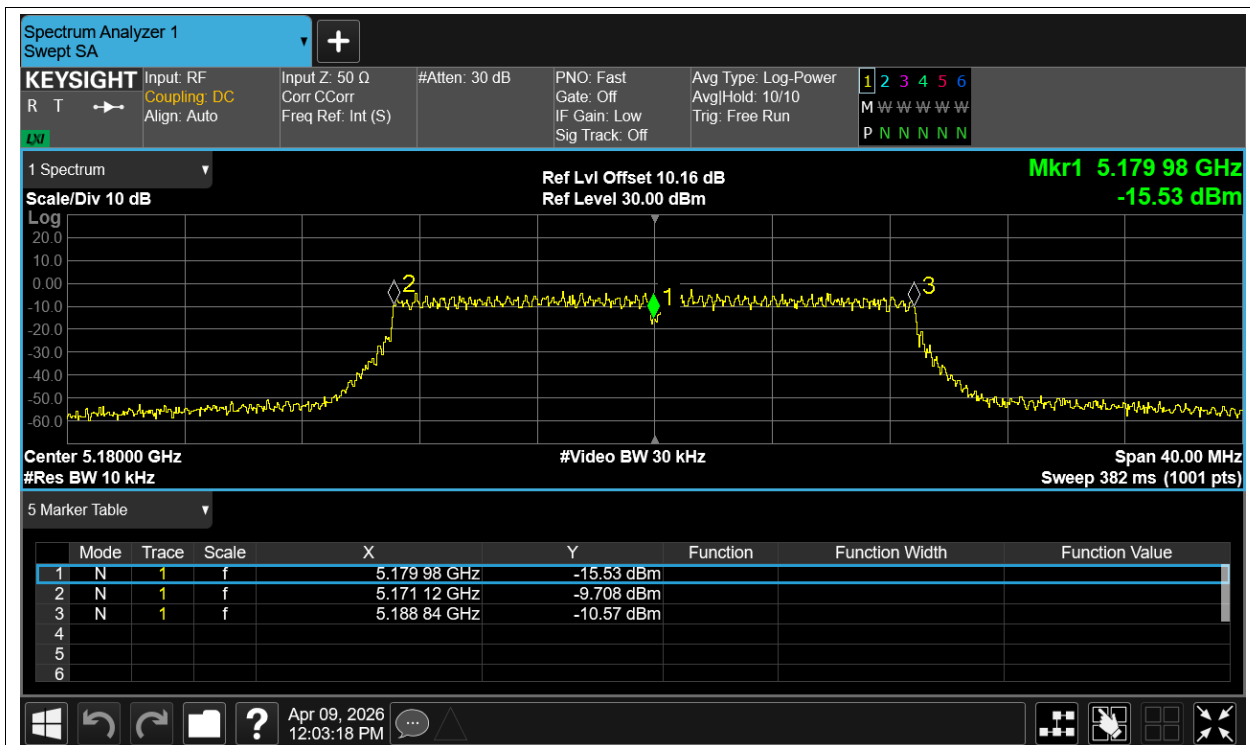
Freq. Stability HVNT n20 5180MHz Sum



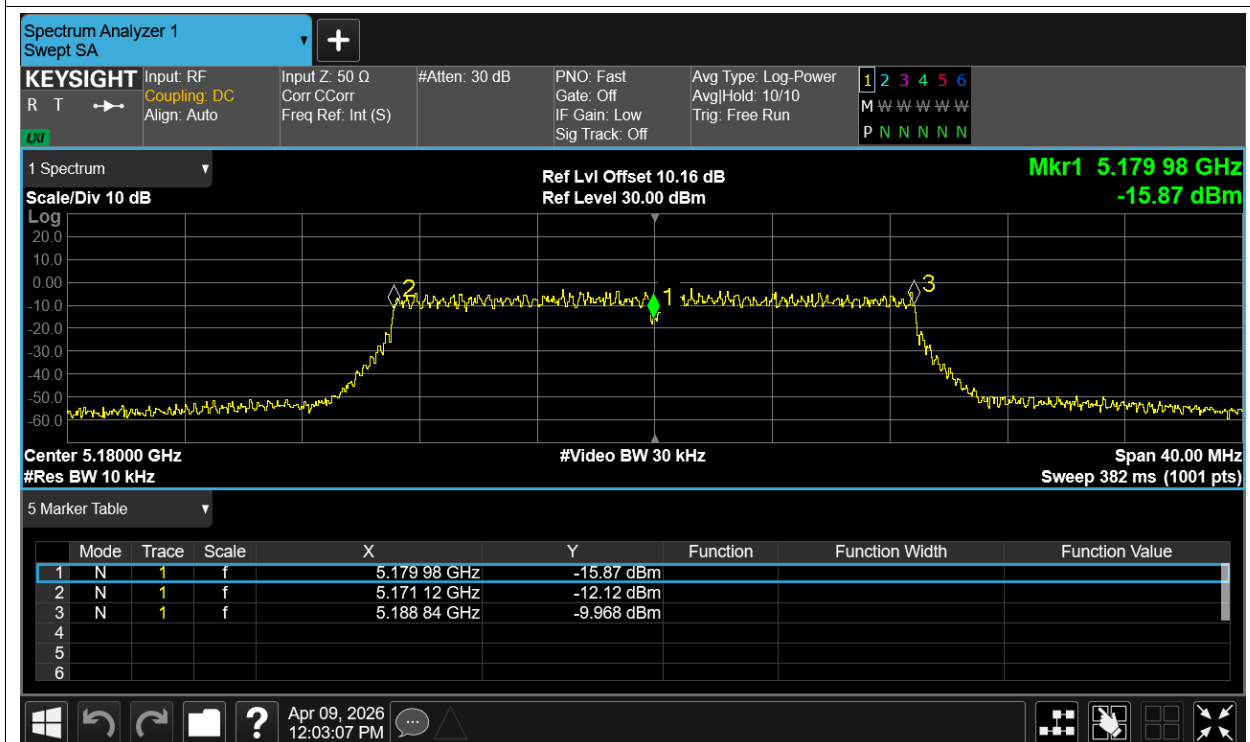
Freq. Stability LVNT n20 5180MHz Sum



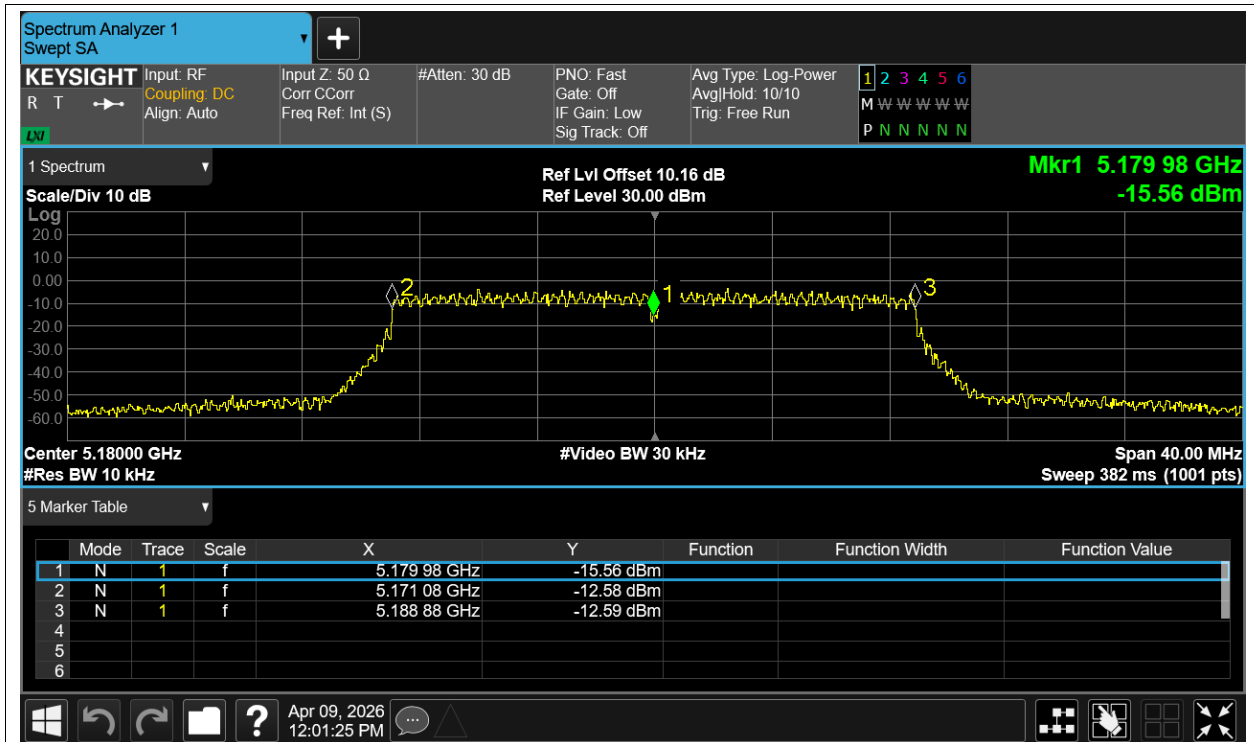
Freq. Stability NVHT n20 5180MHz Sum



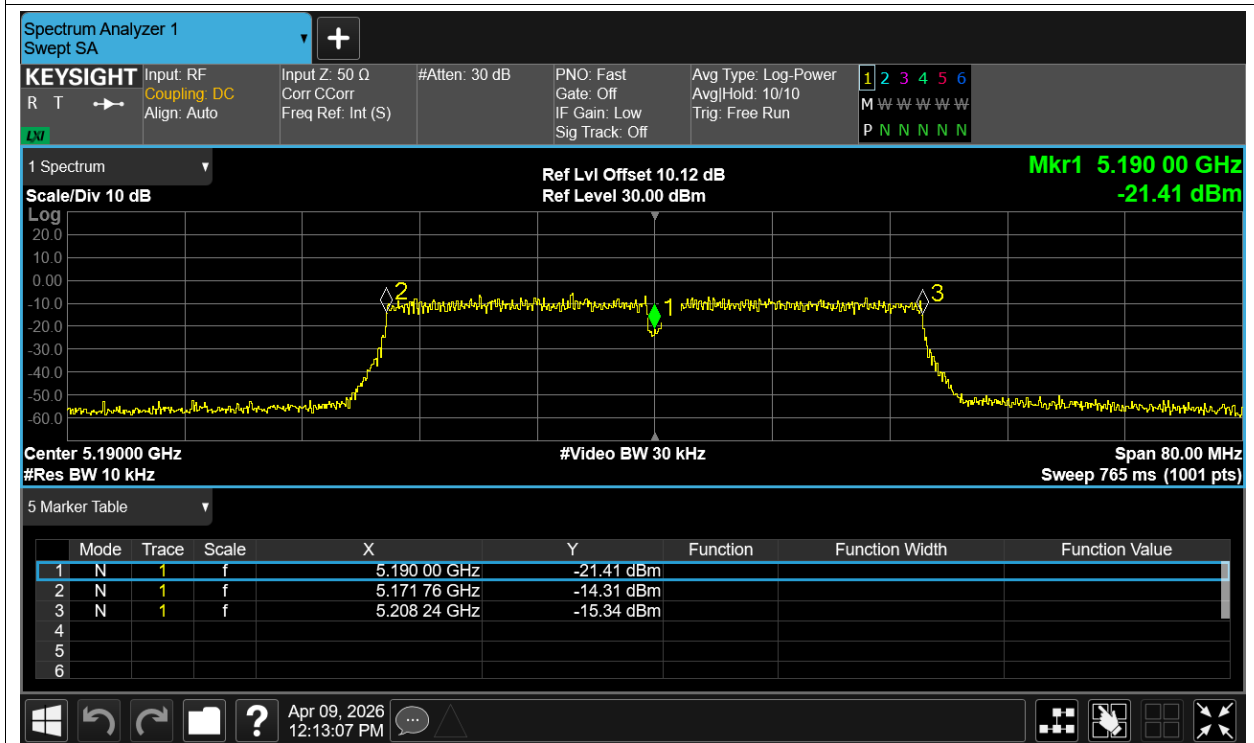
Freq. Stability NVLT n20 5180MHz Sum



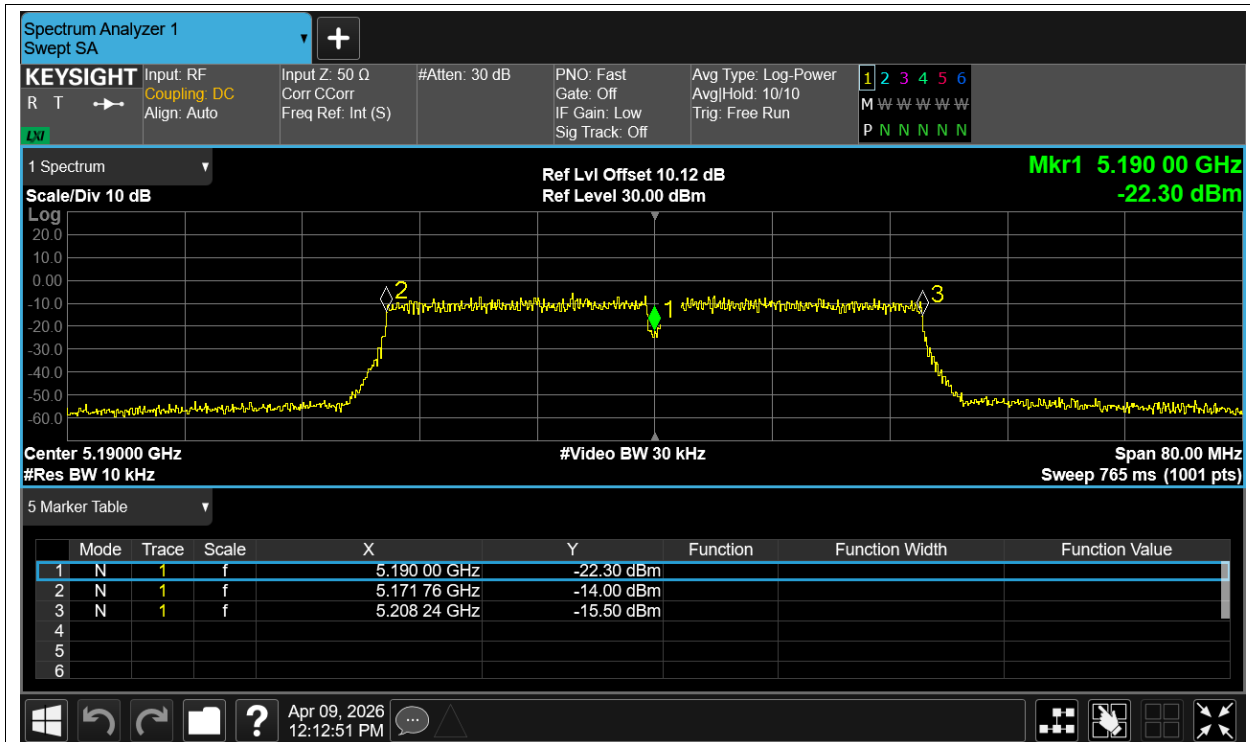
Freq. Stability NVNT n20 5180MHz Sum



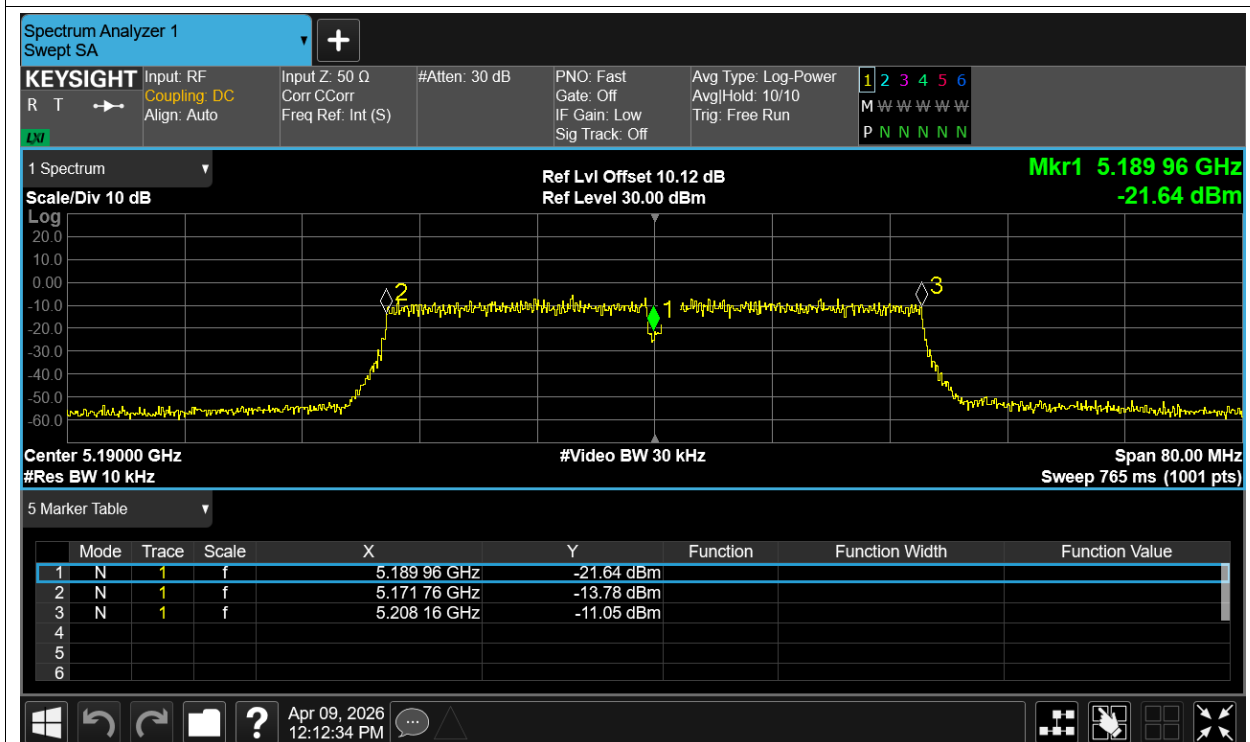
Freq. Stability HVNT n40 5190MHz Sum



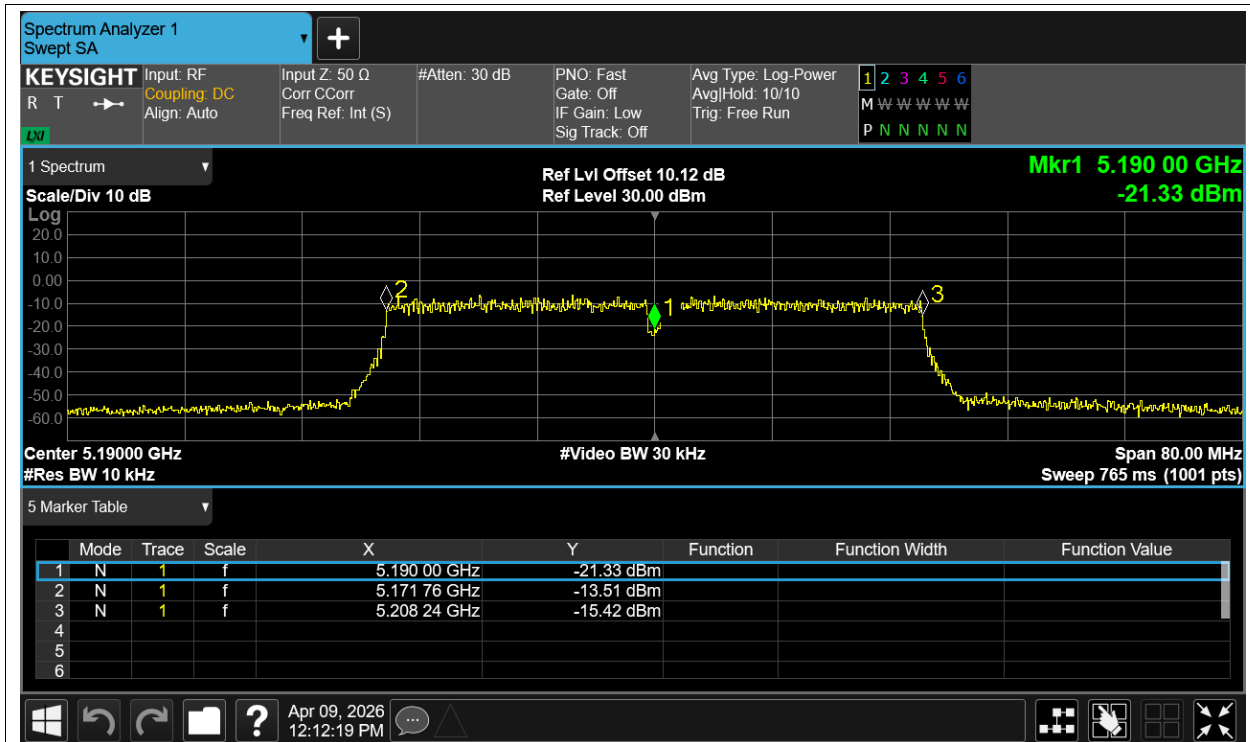
Freq. Stability LVNT n40 5190MHz Sum



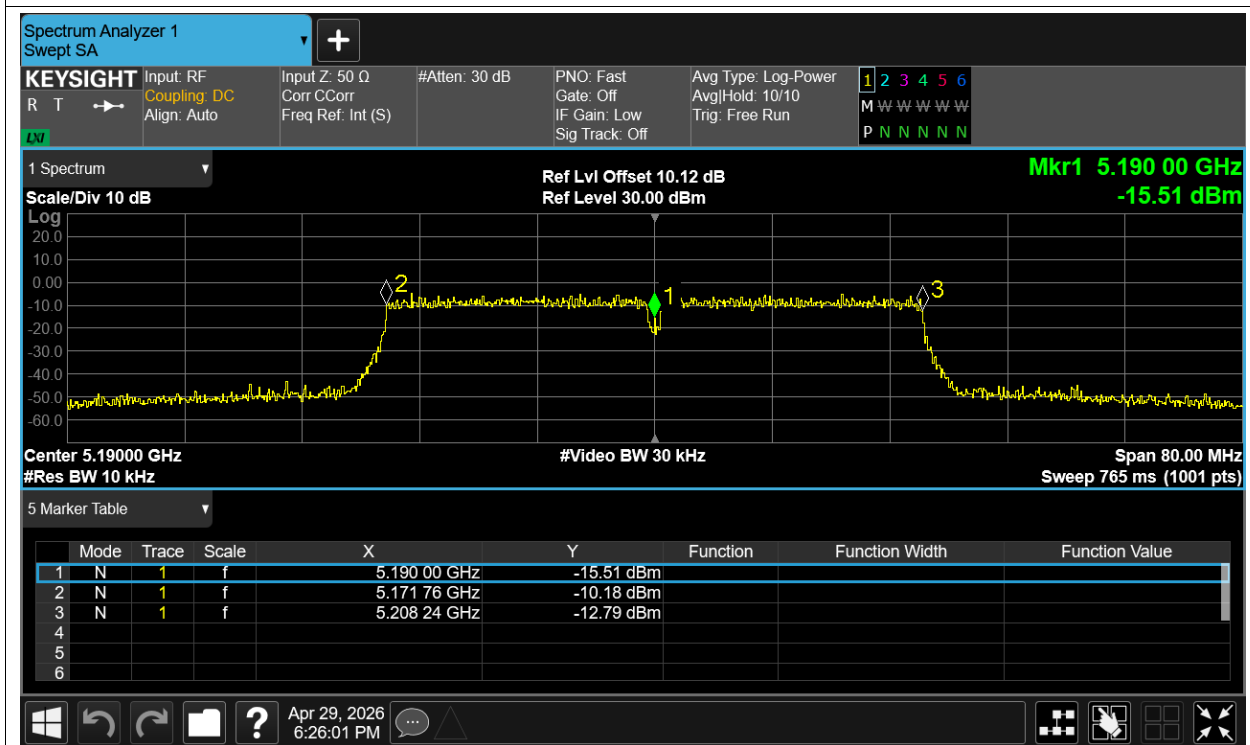
Freq. Stability NVHT n40 5190MHz Sum



Freq. Stability NVLT n40 5190MHz Sum



Freq. Stability NVNT n40 5190MHz Sum

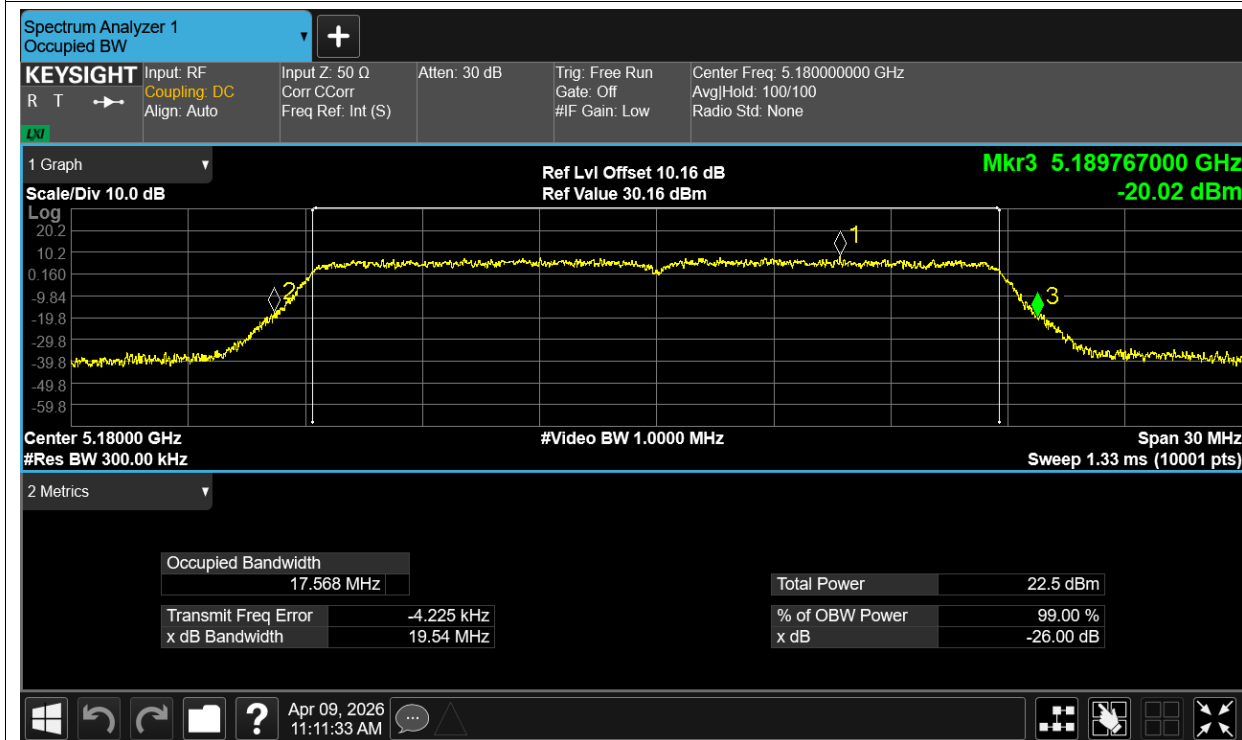


-26dB Bandwidth

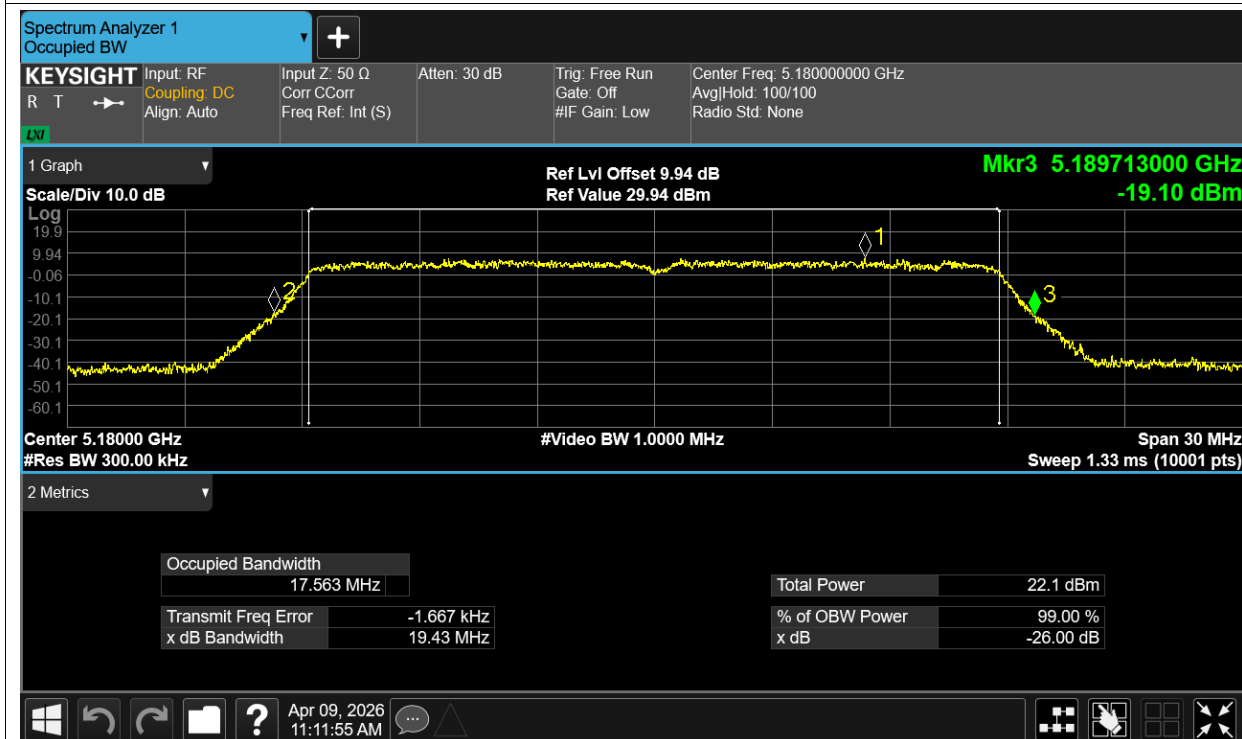
Condition	Mode	Frequency (MHz)	Antenna	0 dB Bandwidth (MHz)
NVNT	ac20	5180	Ant1	19.543
NVNT	ac20	5180	Ant2	19.428
NVNT	ac20	5200	Ant1	19.538
NVNT	ac20	5200	Ant2	19.548
NVNT	ac20	5240	Ant1	19.627
NVNT	ac20	5240	Ant2	19.552
NVNT	a	5180	Ant1	18.627
NVNT	a	5200	Ant1	18.697
NVNT	a	5240	Ant1	18.698
NVNT	a	5180	Ant2	18.688
NVNT	a	5200	Ant2	18.565
NVNT	a	5240	Ant2	18.746
NVNT	ac40	5190	Ant1	38.99
NVNT	ac40	5190	Ant2	38.635
NVNT	ac40	5230	Ant1	39.045
NVNT	ac40	5230	Ant2	38.646
NVNT	ac80	5210	Ant1	78.964
NVNT	ac80	5210	Ant2	78.892
NVNT	ax20	5180	Ant1	20.431
NVNT	ax20	5180	Ant2	20.459
NVNT	ax20	5200	Ant1	20.55
NVNT	ax20	5200	Ant2	20.576
NVNT	ax20	5240	Ant1	20.503
NVNT	ax20	5240	Ant2	20.465
NVNT	ax40	5190	Ant1	39.924
NVNT	ax40	5190	Ant2	39.913
NVNT	ax40	5230	Ant1	39.826
NVNT	ax40	5230	Ant2	39.931
NVNT	ax80	5210	Ant1	80.161
NVNT	ax80	5210	Ant2	80.281
NVNT	n20	5180	Ant1	19.516
NVNT	n20	5180	Ant2	19.535
NVNT	n20	5200	Ant1	19.658
NVNT	n20	5200	Ant2	19.511
NVNT	n20	5240	Ant1	19.604
NVNT	n20	5240	Ant2	19.573
NVNT	n40	5190	Ant1	38.947
NVNT	n40	5190	Ant2	38.901
NVNT	n40	5230	Ant1	38.928
NVNT	n40	5230	Ant2	38.85

Test Graphs

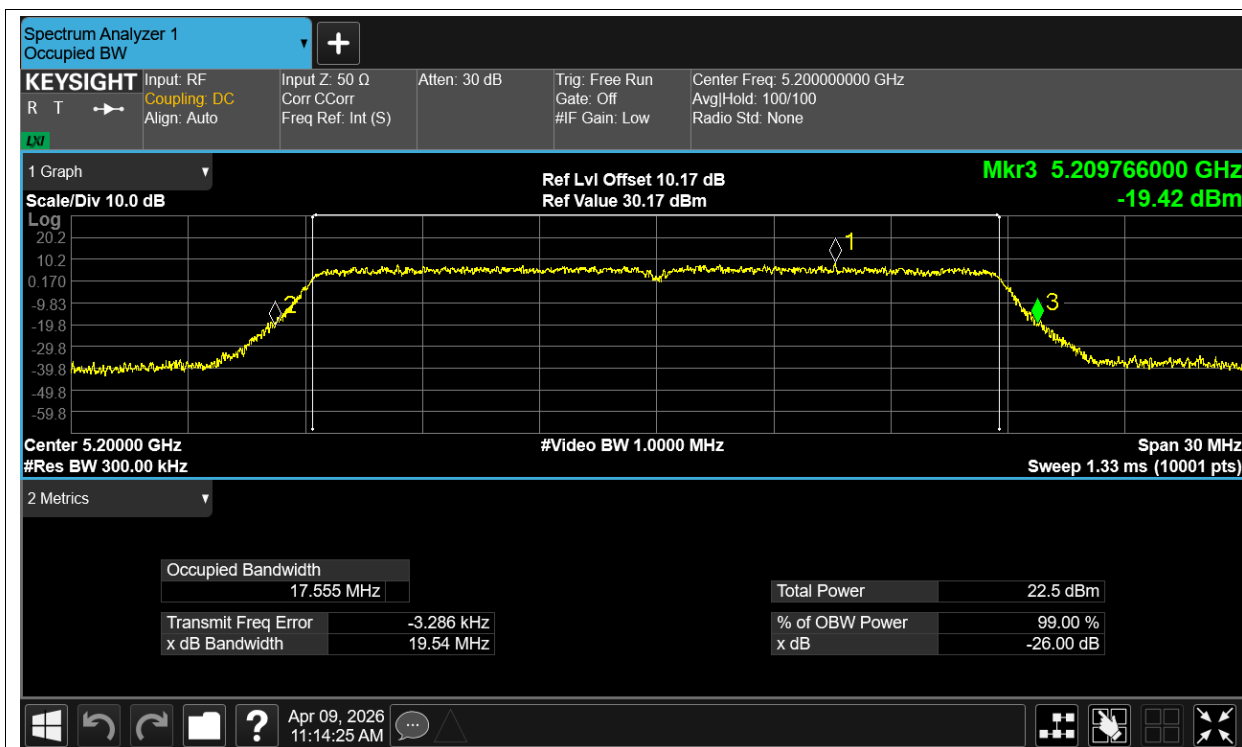
-26dB Bandwidth NVNT ac20 5180MHz Ant1



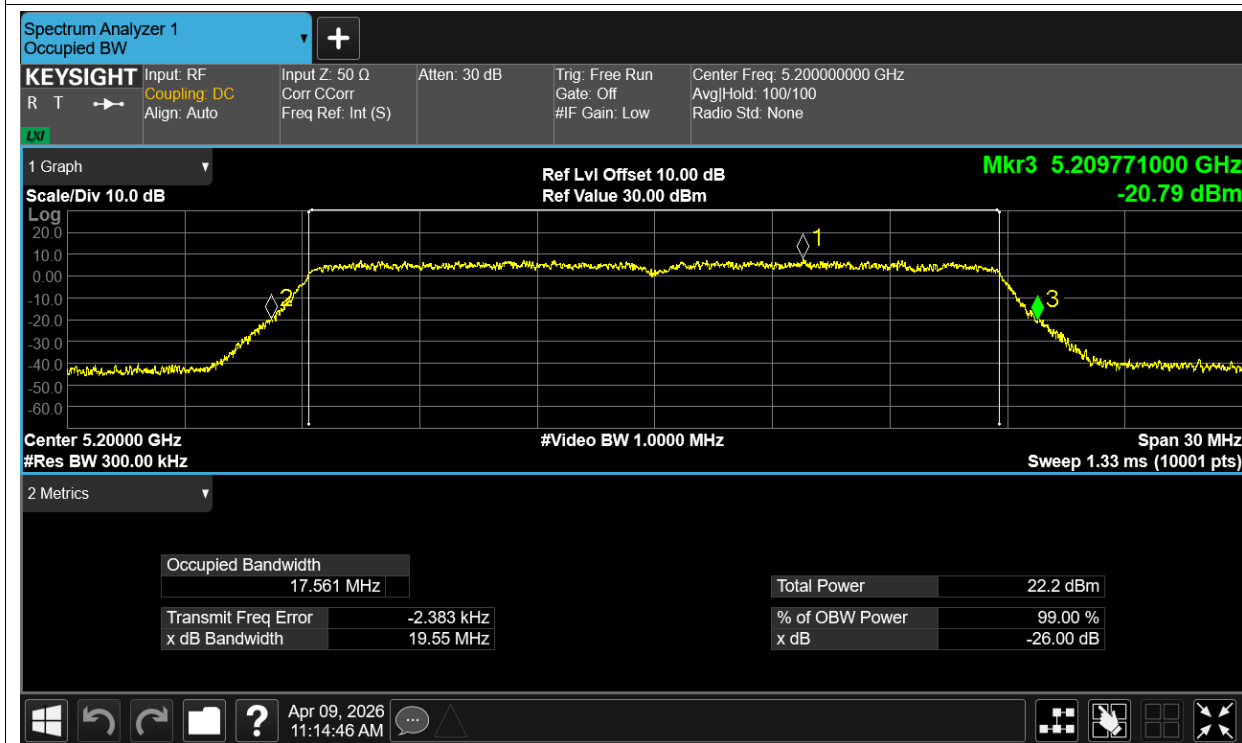
-26dB Bandwidth NVNT ac20 5180MHz Ant2



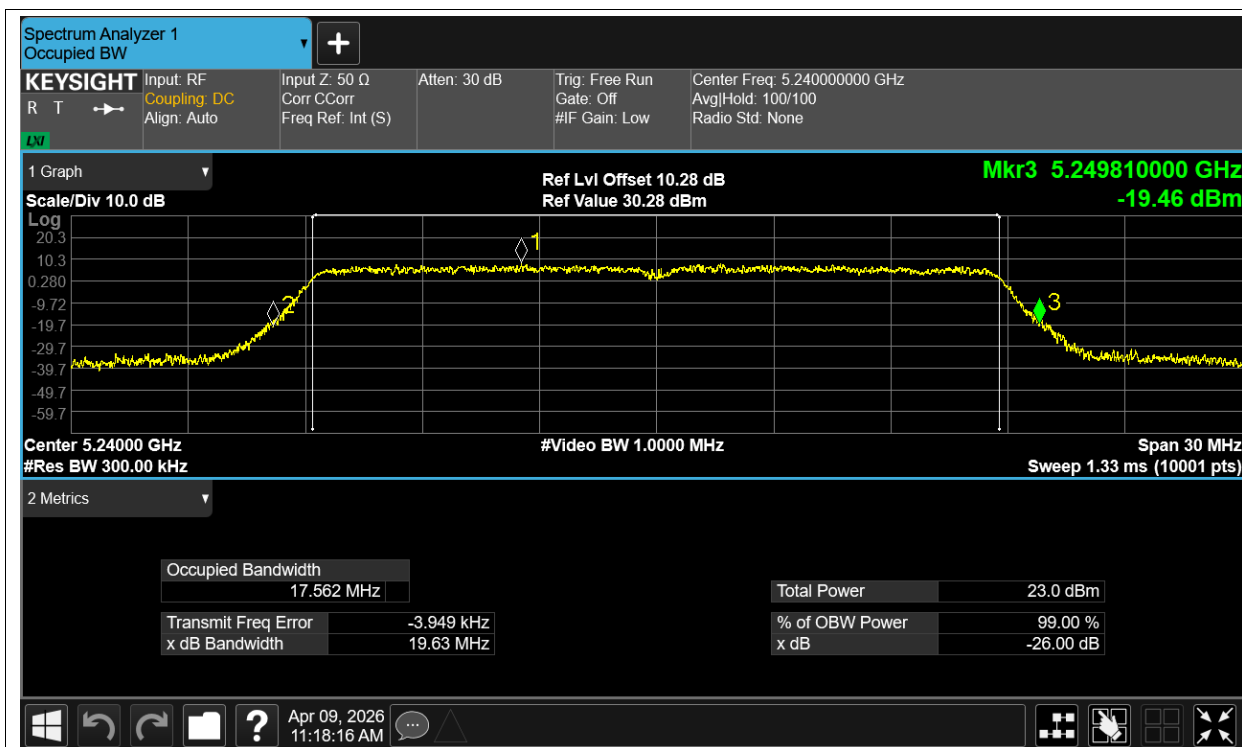
-26dB Bandwidth NVNT ac20 5200MHz Ant1



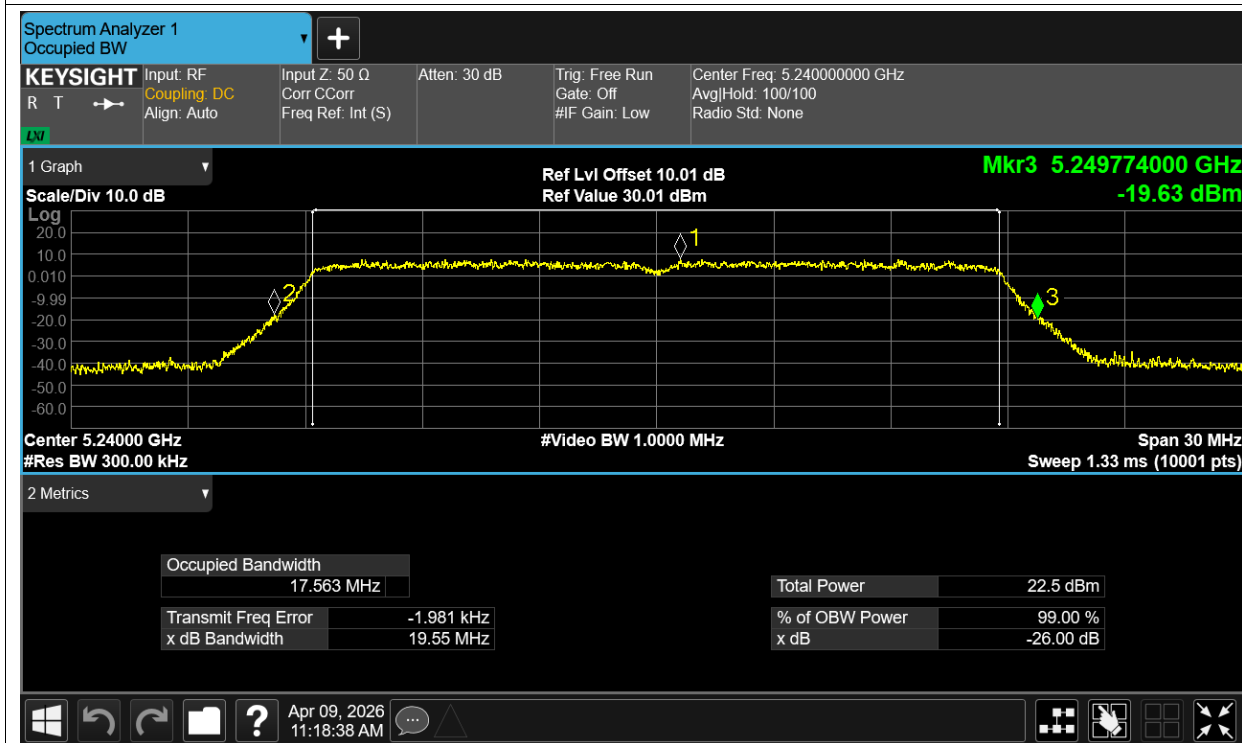
-26dB Bandwidth NVNT ac20 5200MHz Ant2



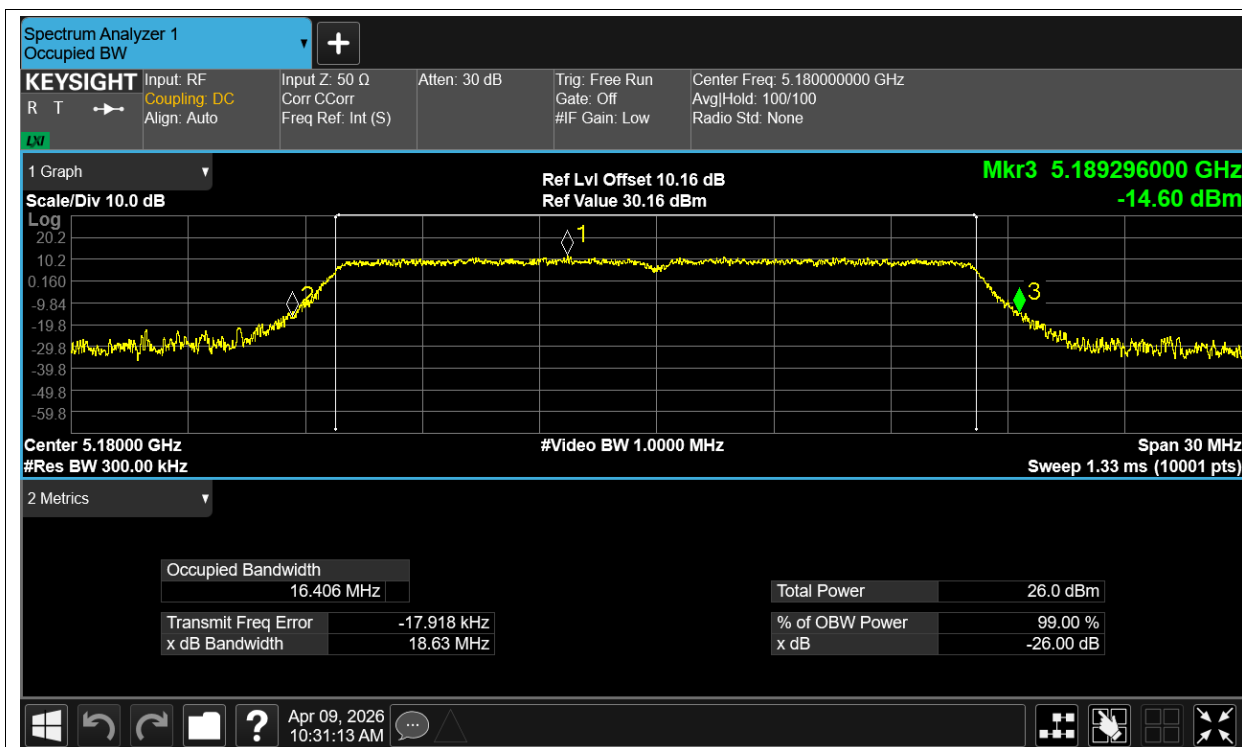
-26dB Bandwidth NVNT ac20 5240MHz Ant1



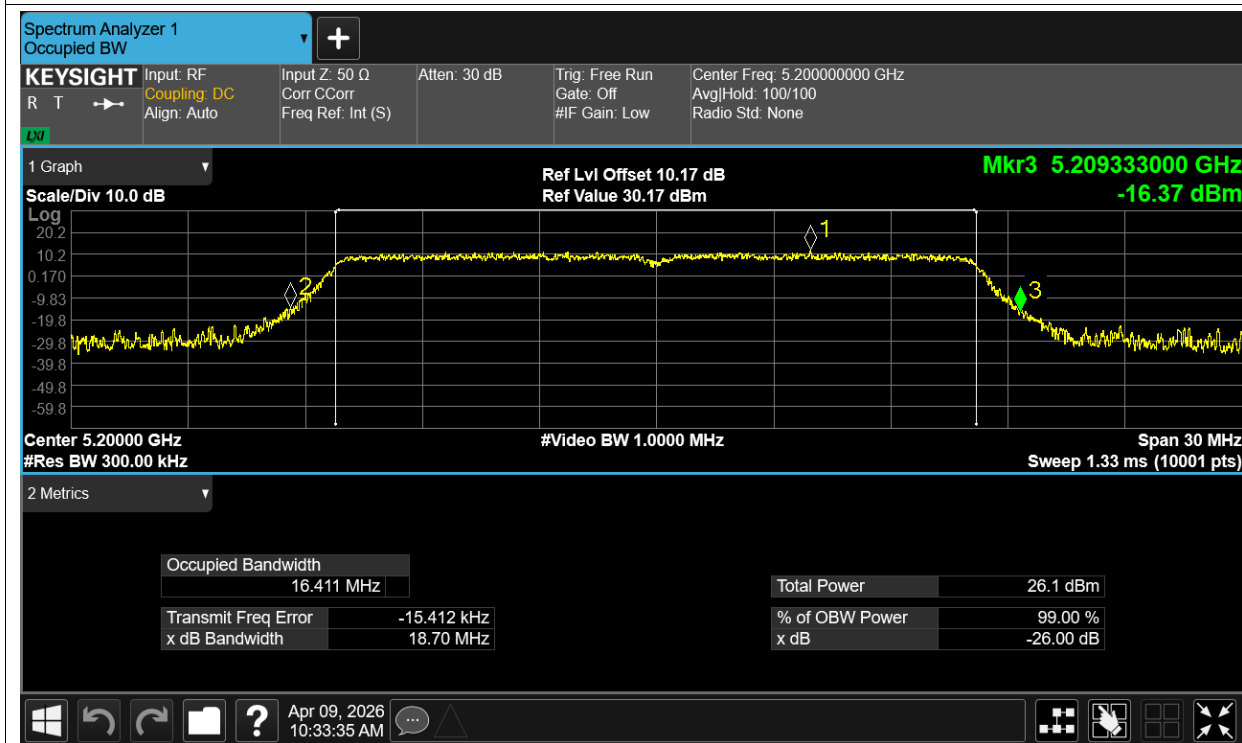
-26dB Bandwidth NVNT ac20 5240MHz Ant2



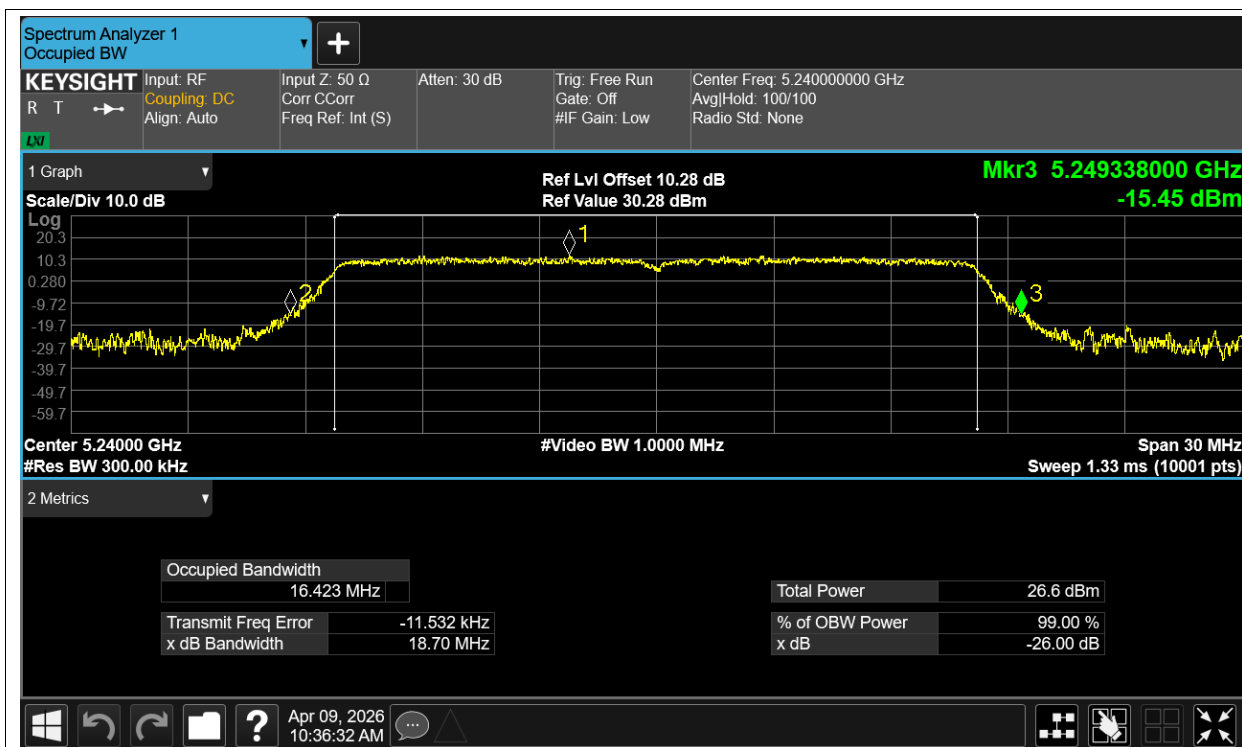
-26dB Bandwidth NVNT a 5180MHz Ant1



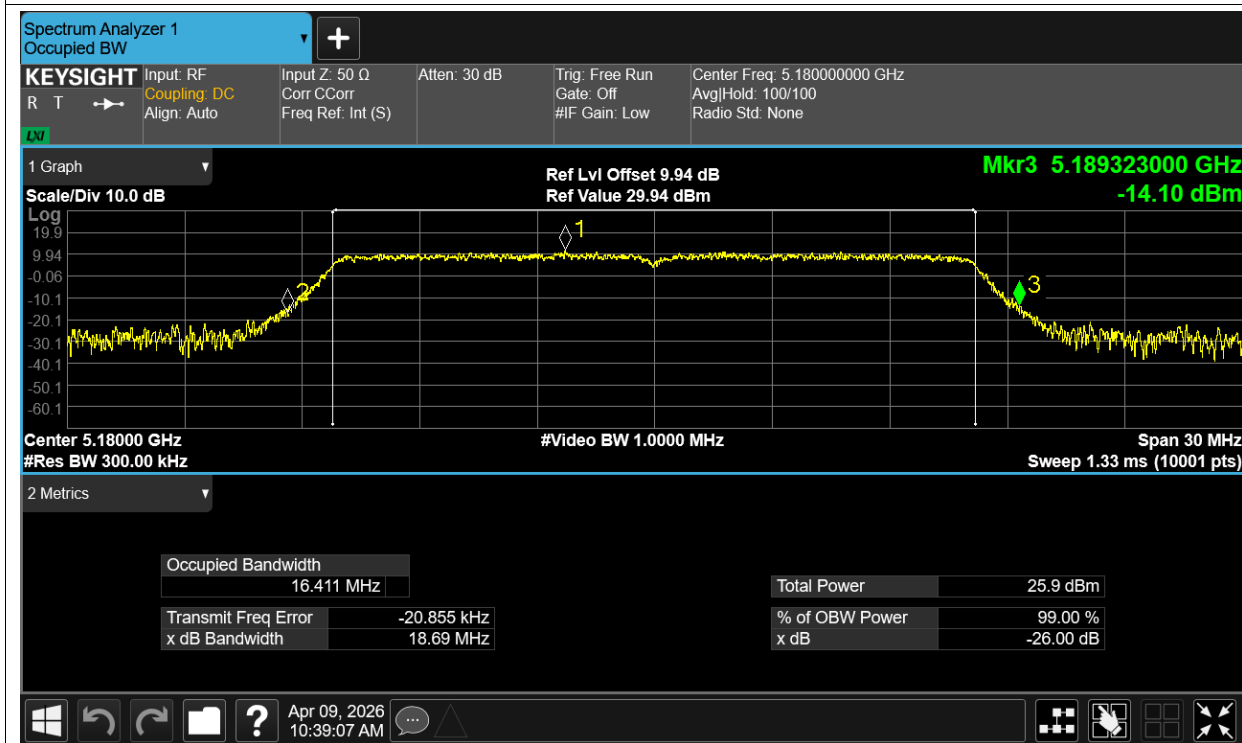
-26dB Bandwidth NVNT a 5200MHz Ant1



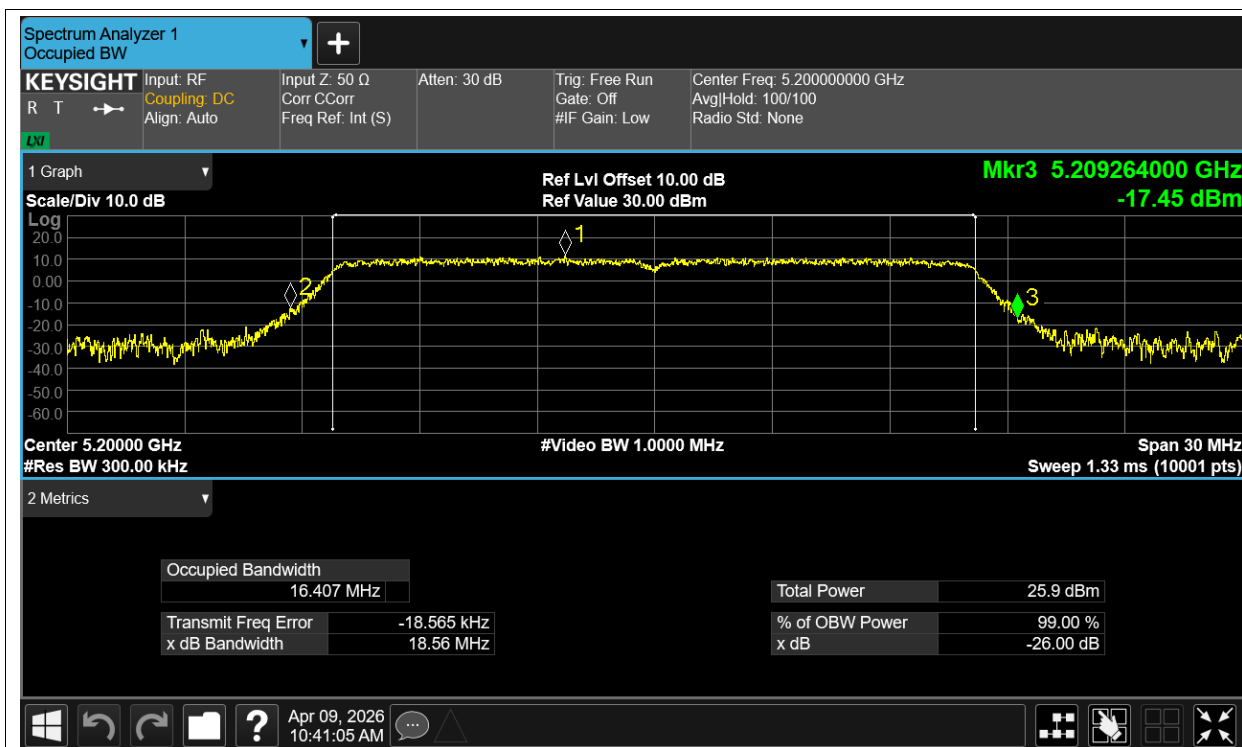
-26dB Bandwidth NVNT a 5240MHz Ant1



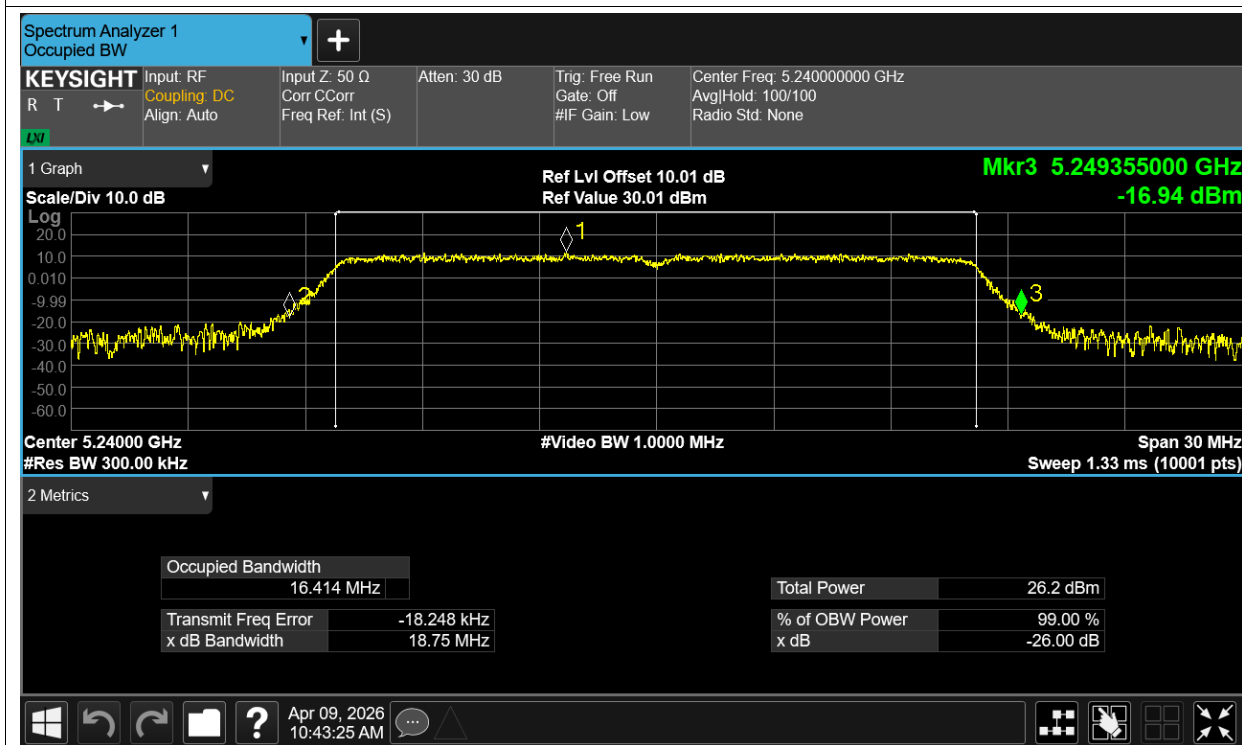
-26dB Bandwidth NVNT a 5180MHz Ant2



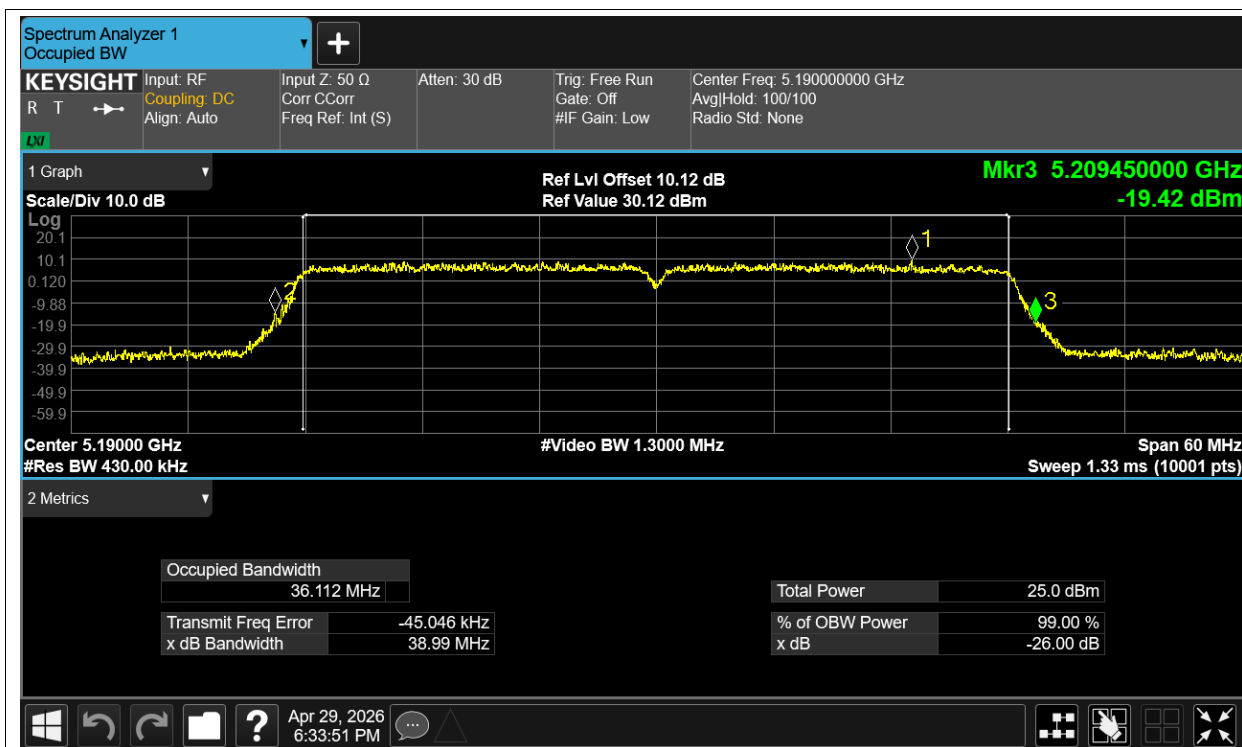
-26dB Bandwidth NVNT a 5200MHz Ant2



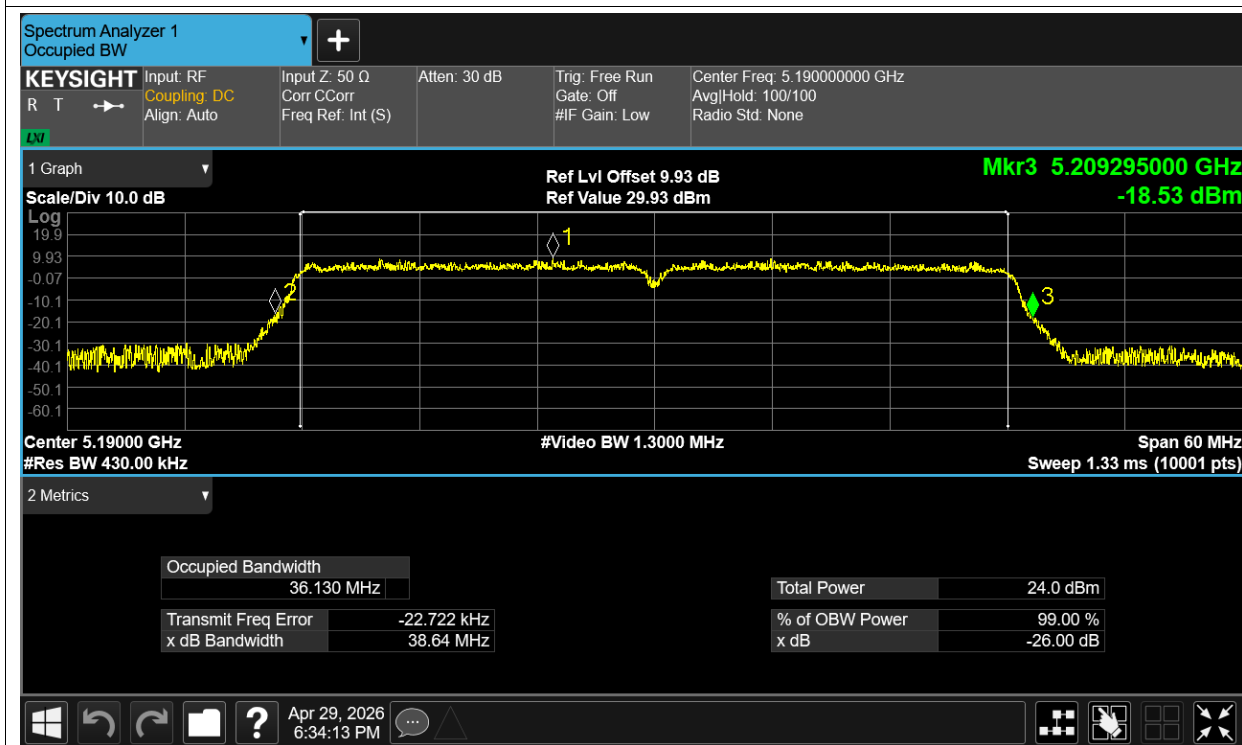
-26dB Bandwidth NVNT a 5240MHz Ant2



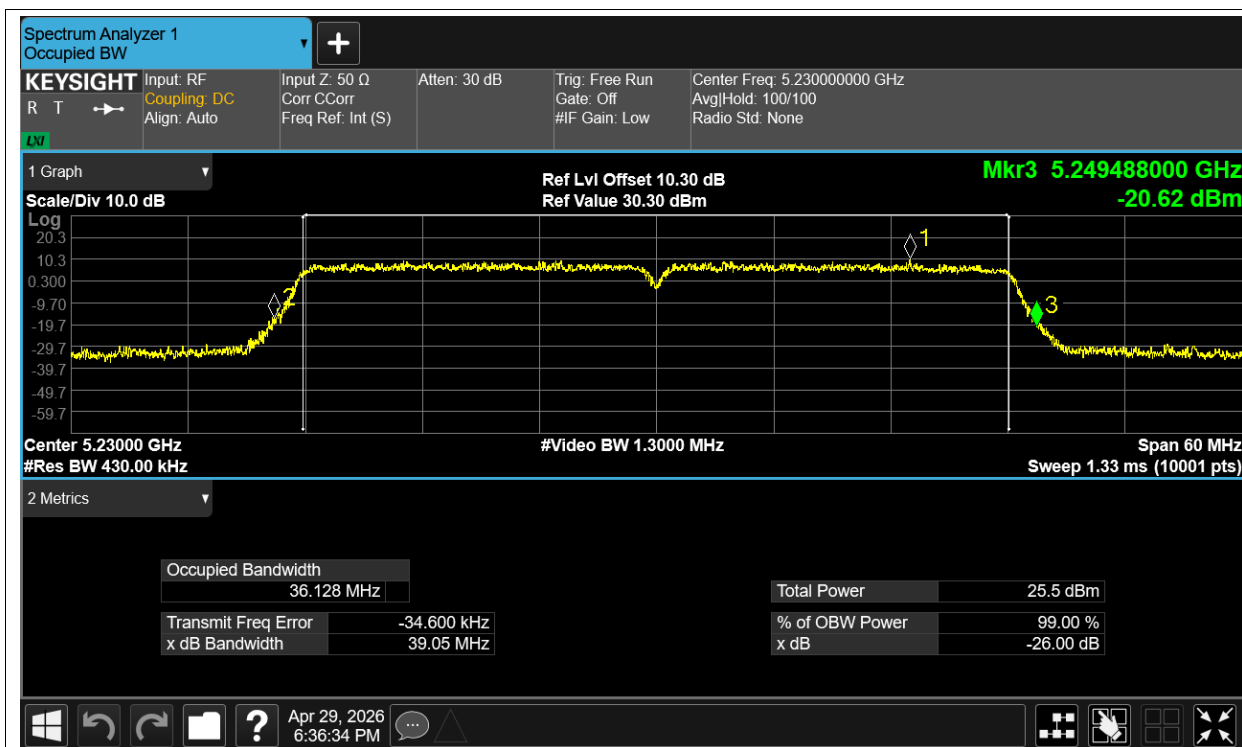
-26dB Bandwidth NVNT ac40 5190MHz Ant1



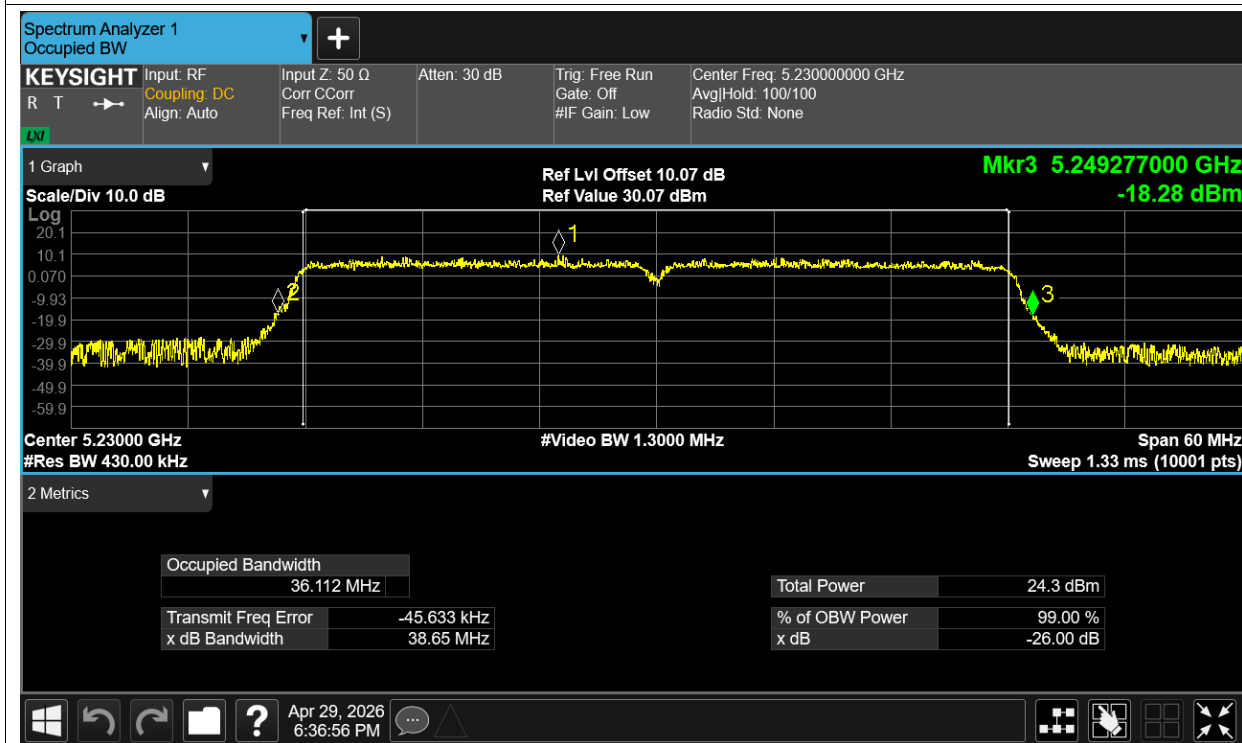
-26dB Bandwidth NVNT ac40 5190MHz Ant2



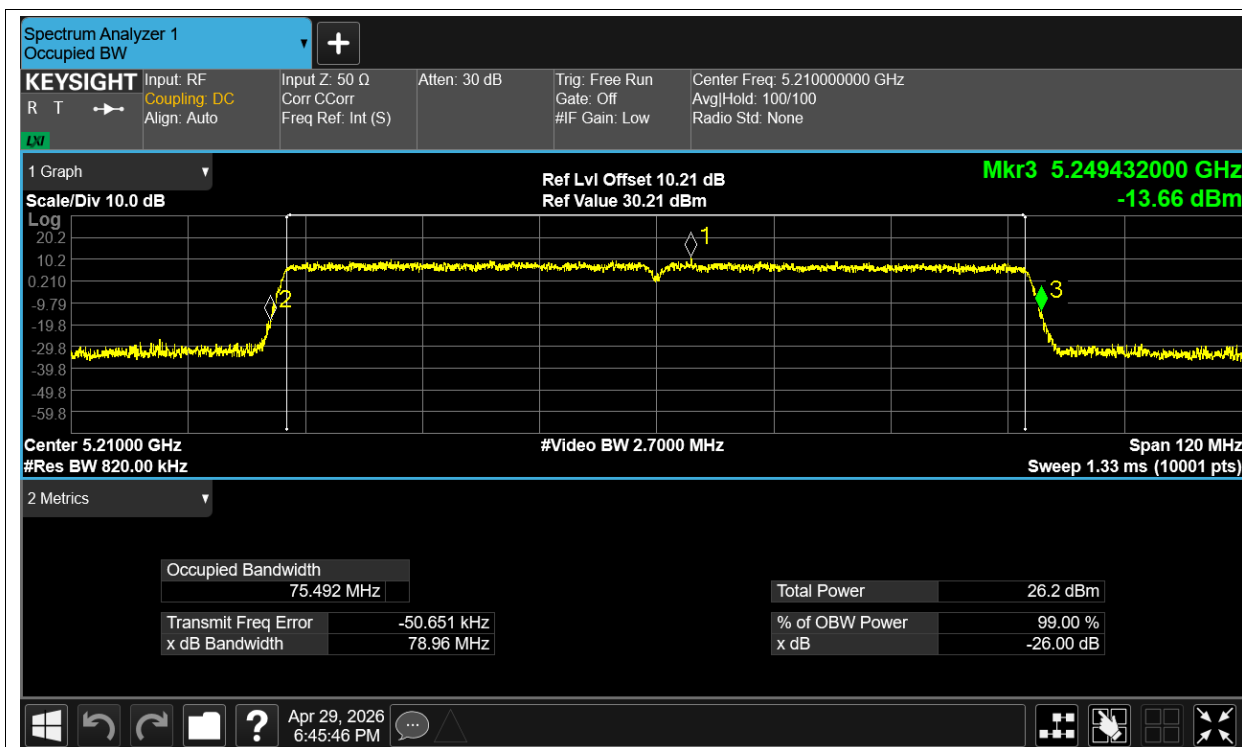
-26dB Bandwidth NVNT ac40 5230MHz Ant1



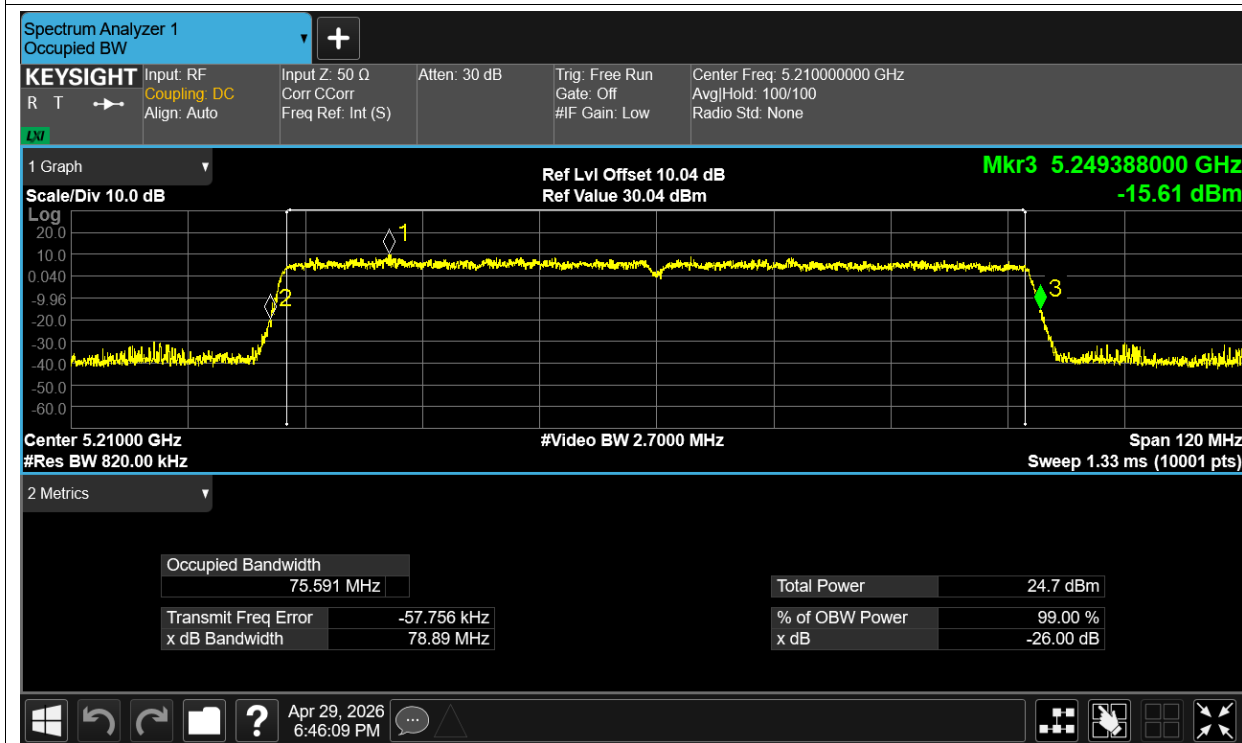
-26dB Bandwidth NVNT ac40 5230MHz Ant2



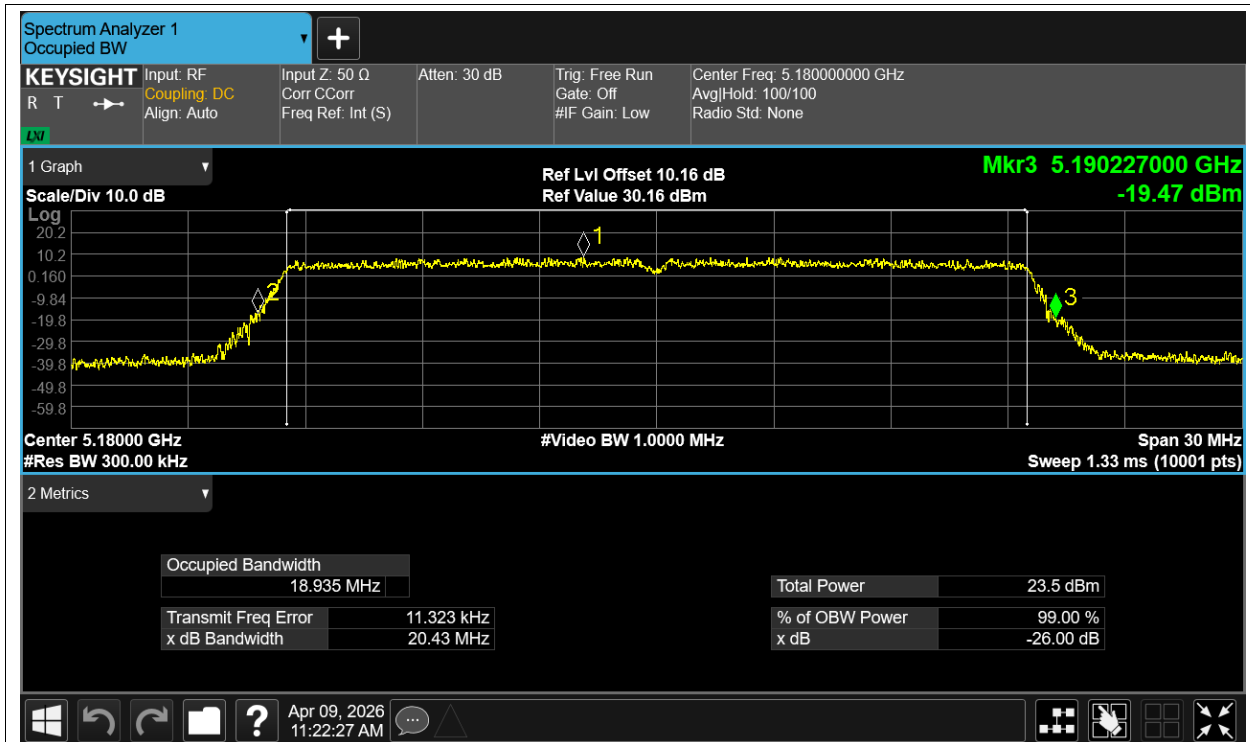
-26dB Bandwidth NVNT ac80 5210MHz Ant1



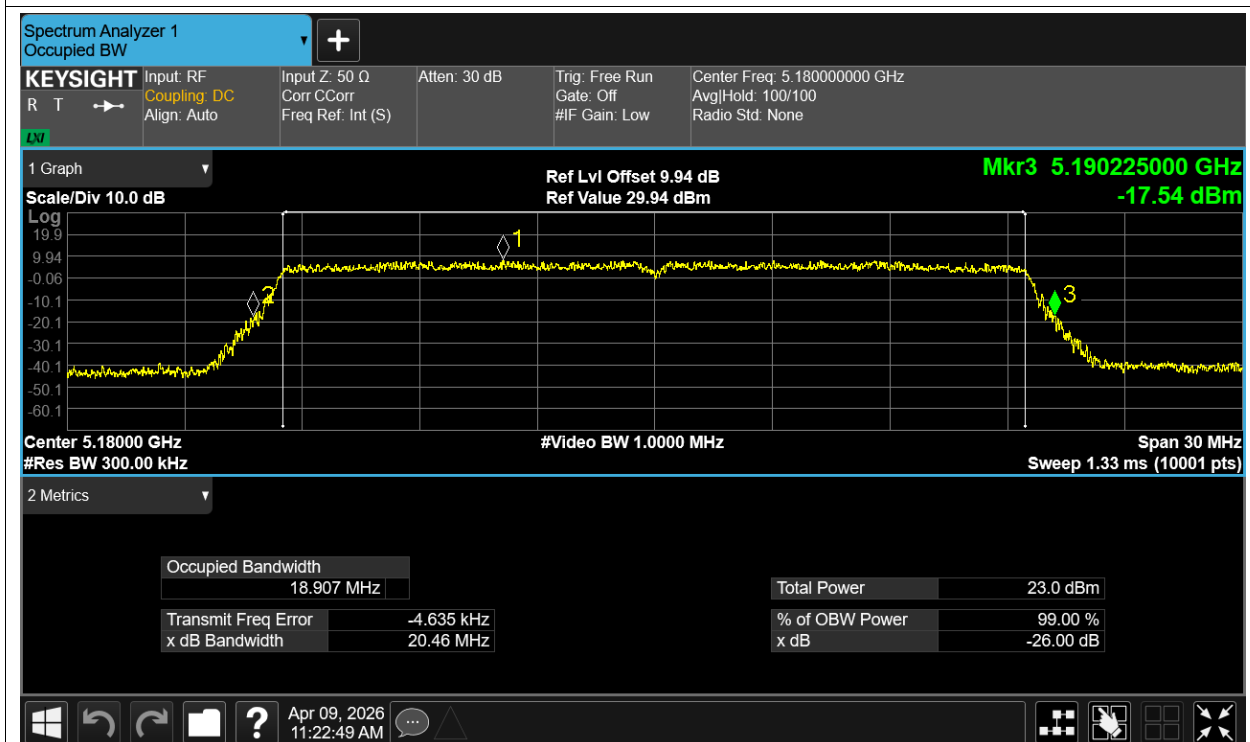
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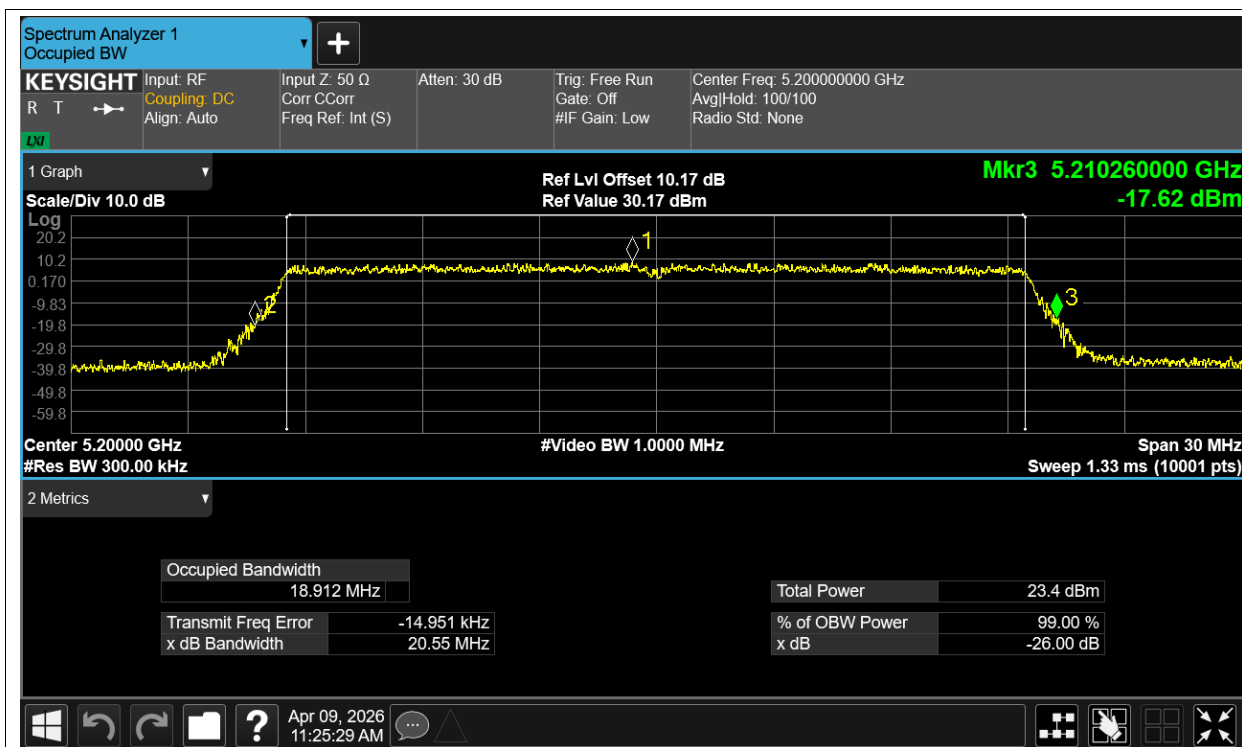
-26dB Bandwidth NVNT ax20 5180MHz Ant1



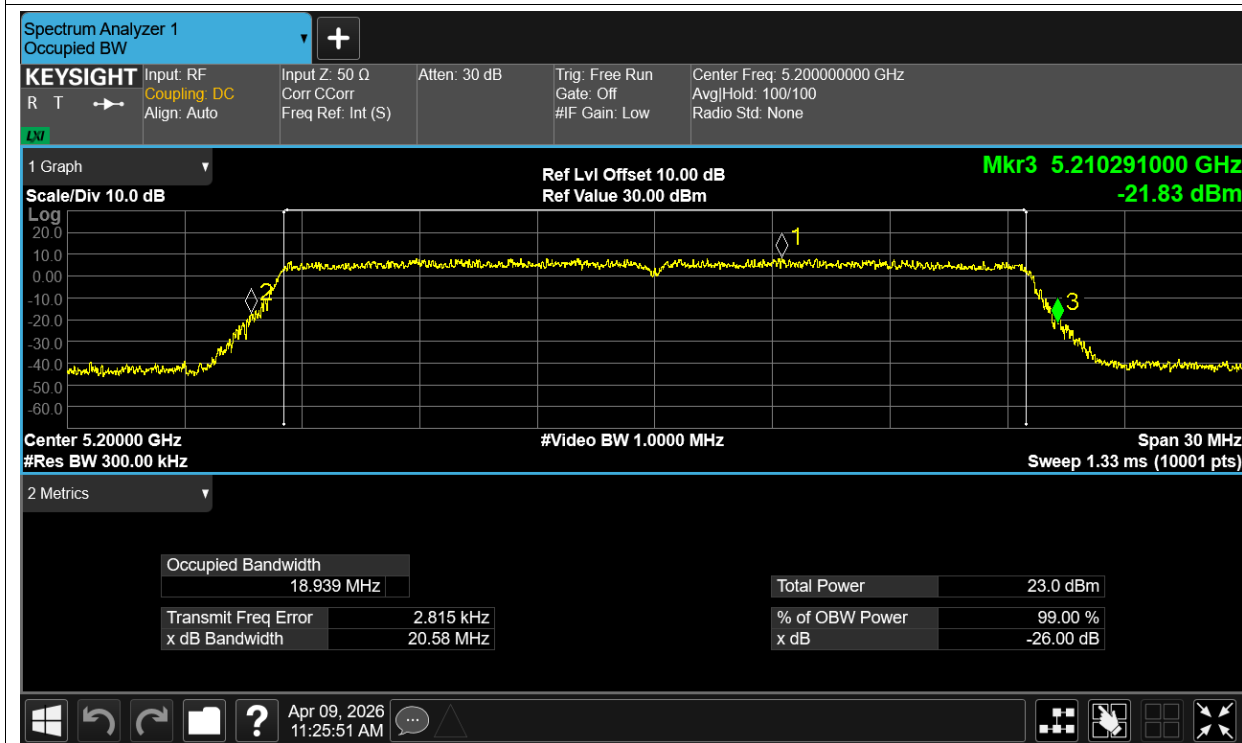
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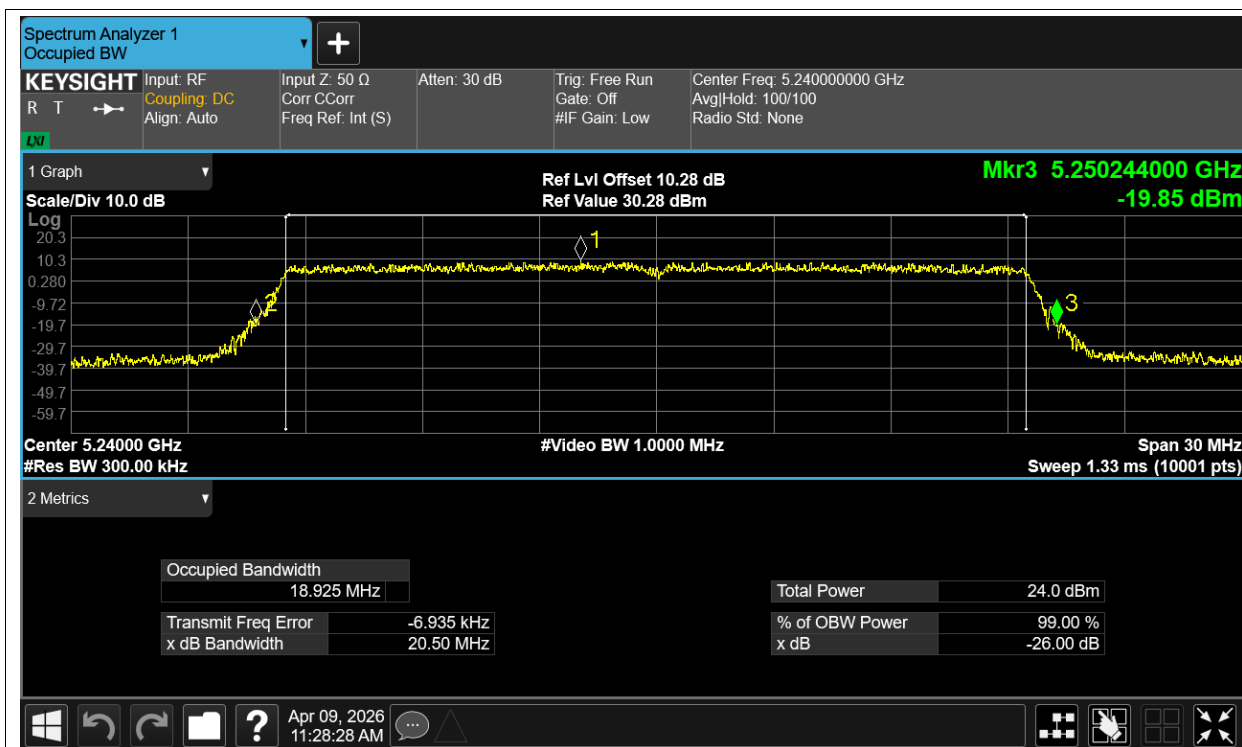
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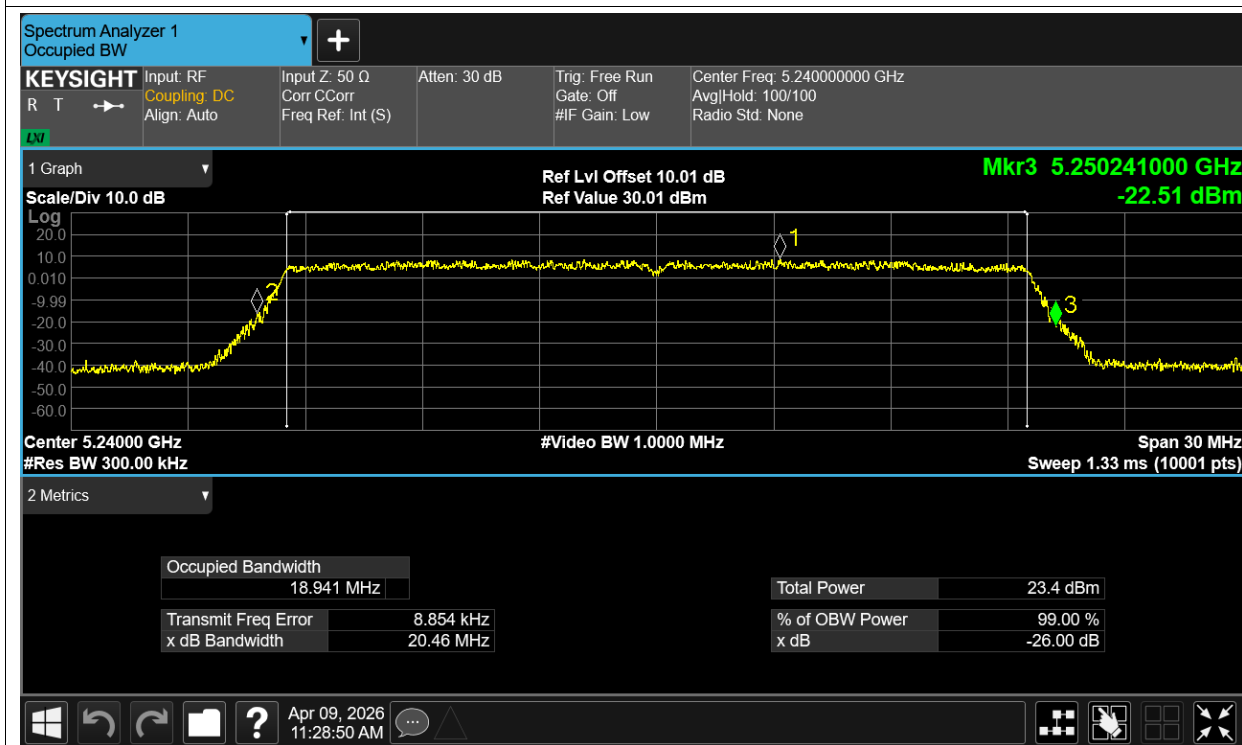
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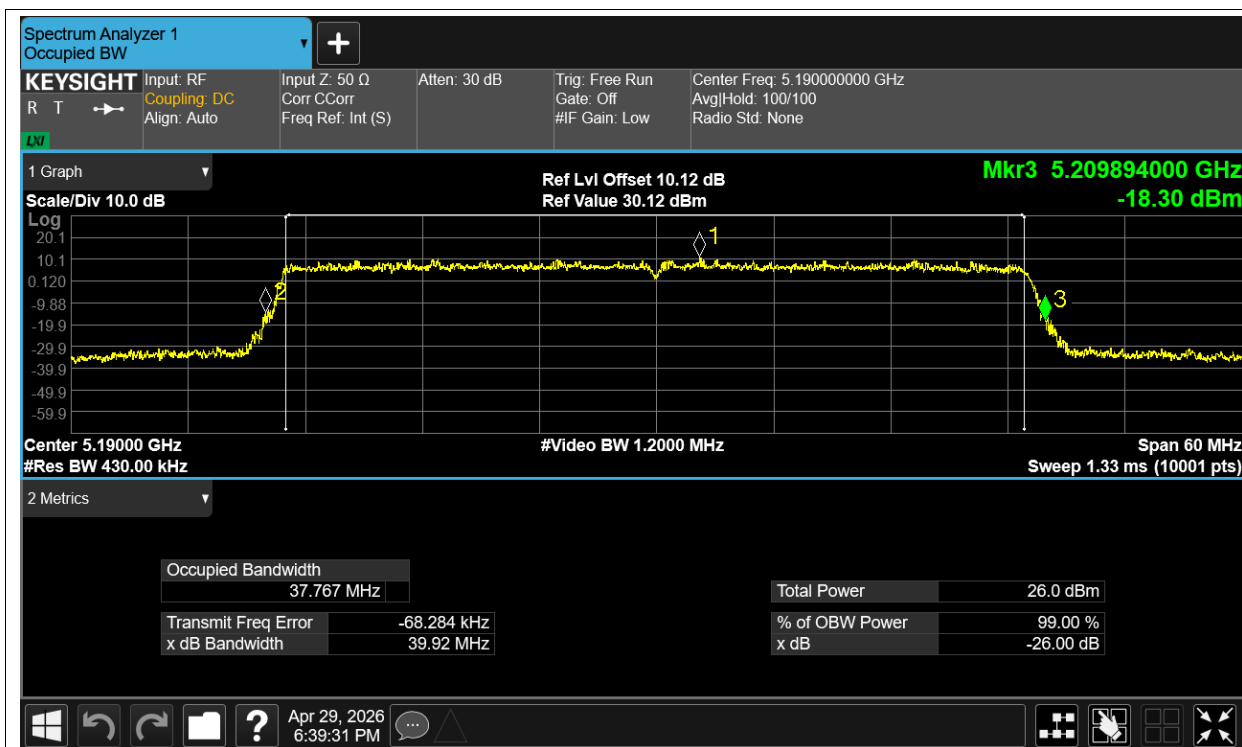
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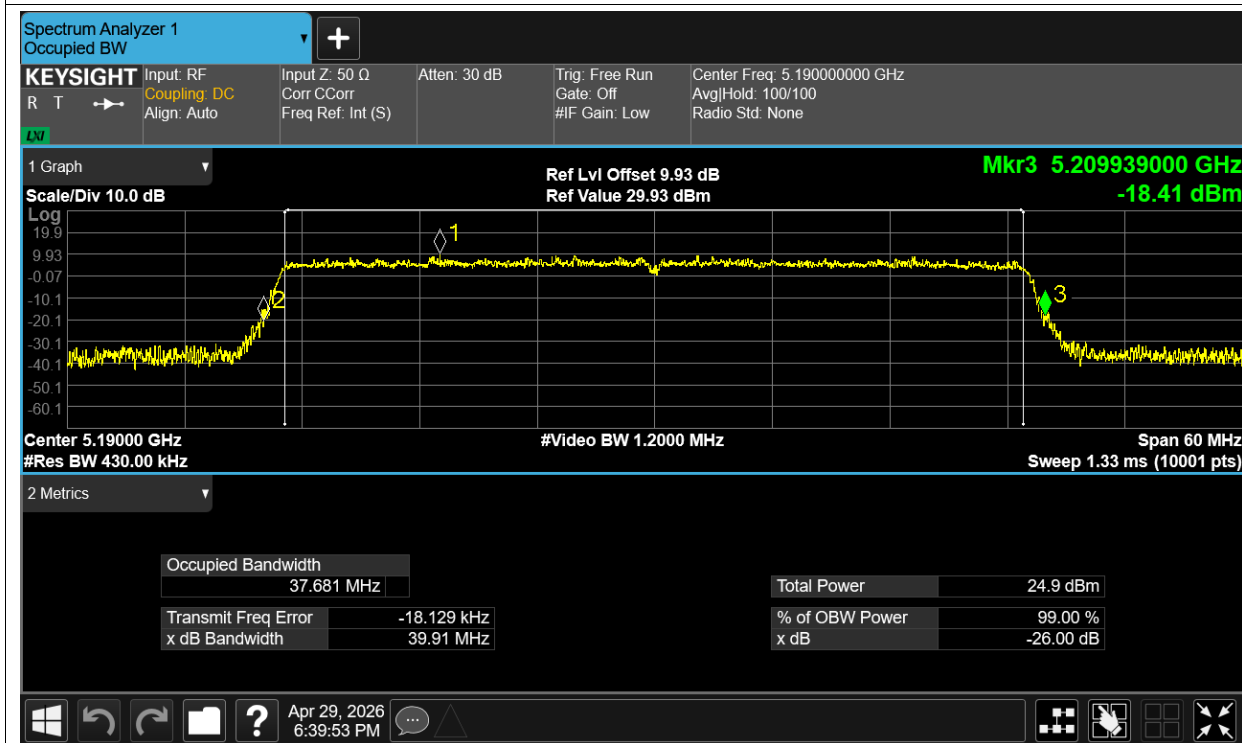
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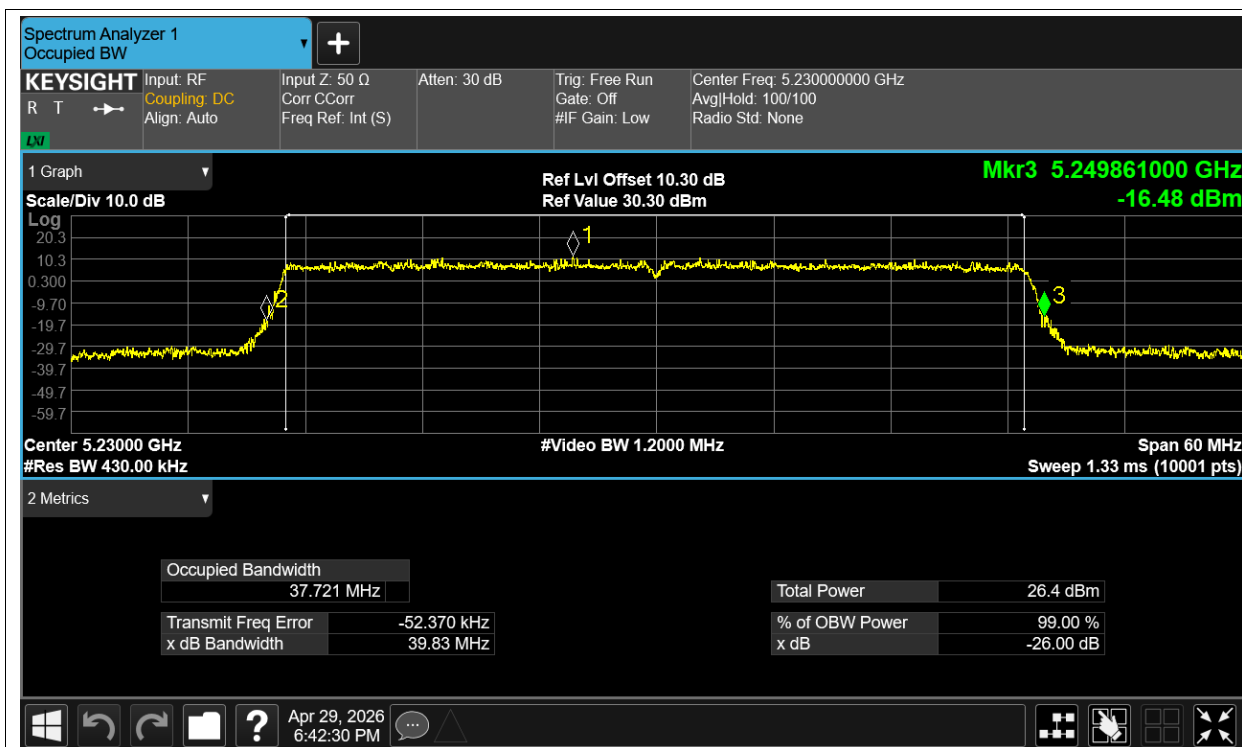
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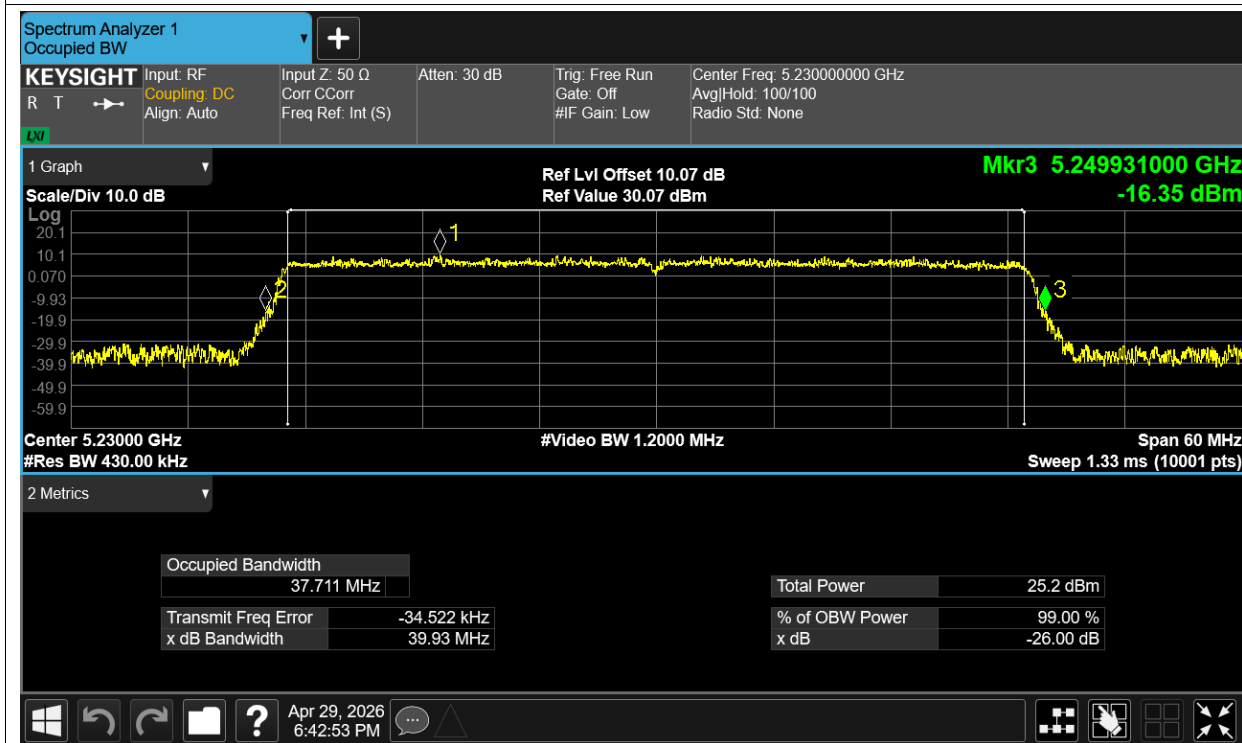
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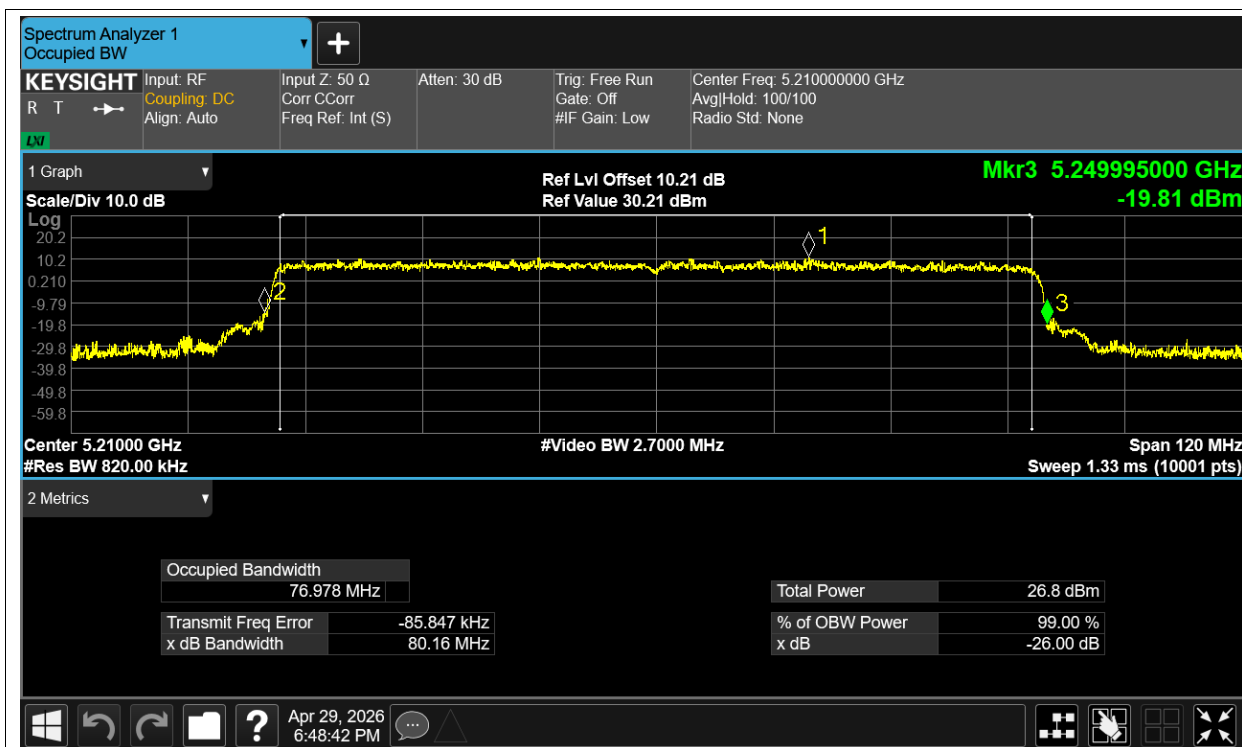
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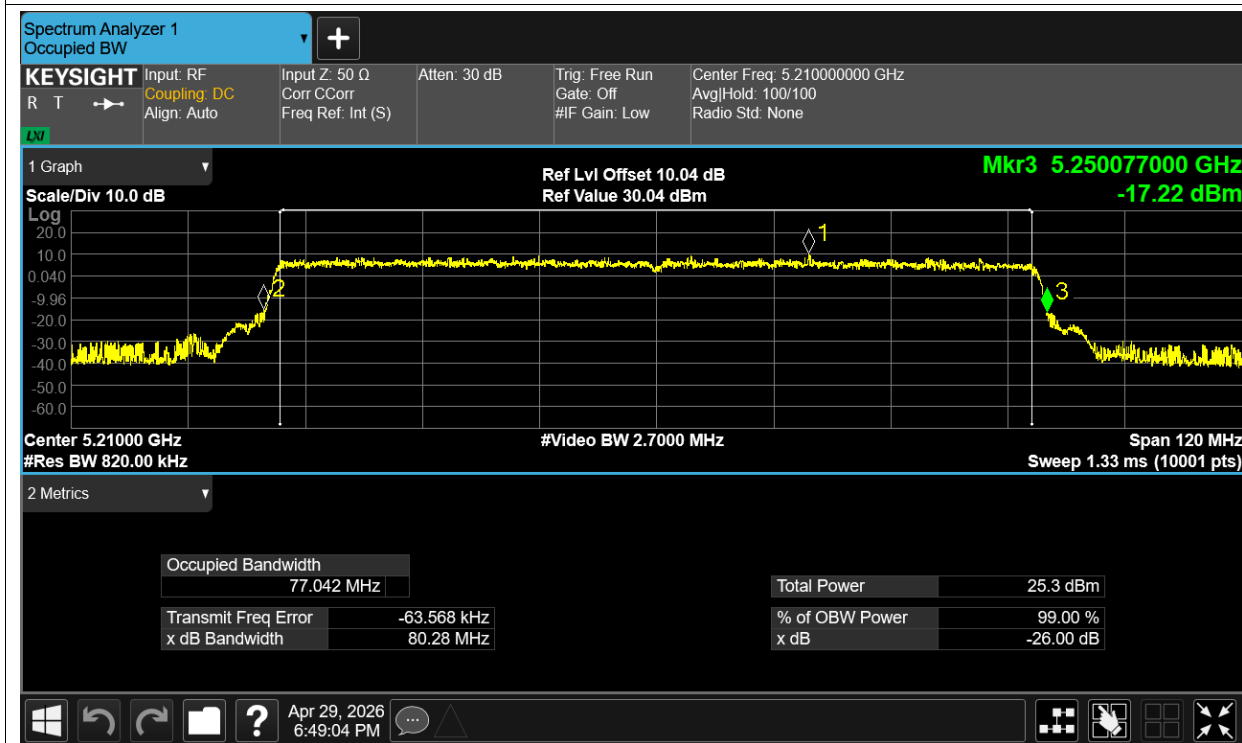
-26dB Bandwidth NVNT ax40 5230MHz Ant2



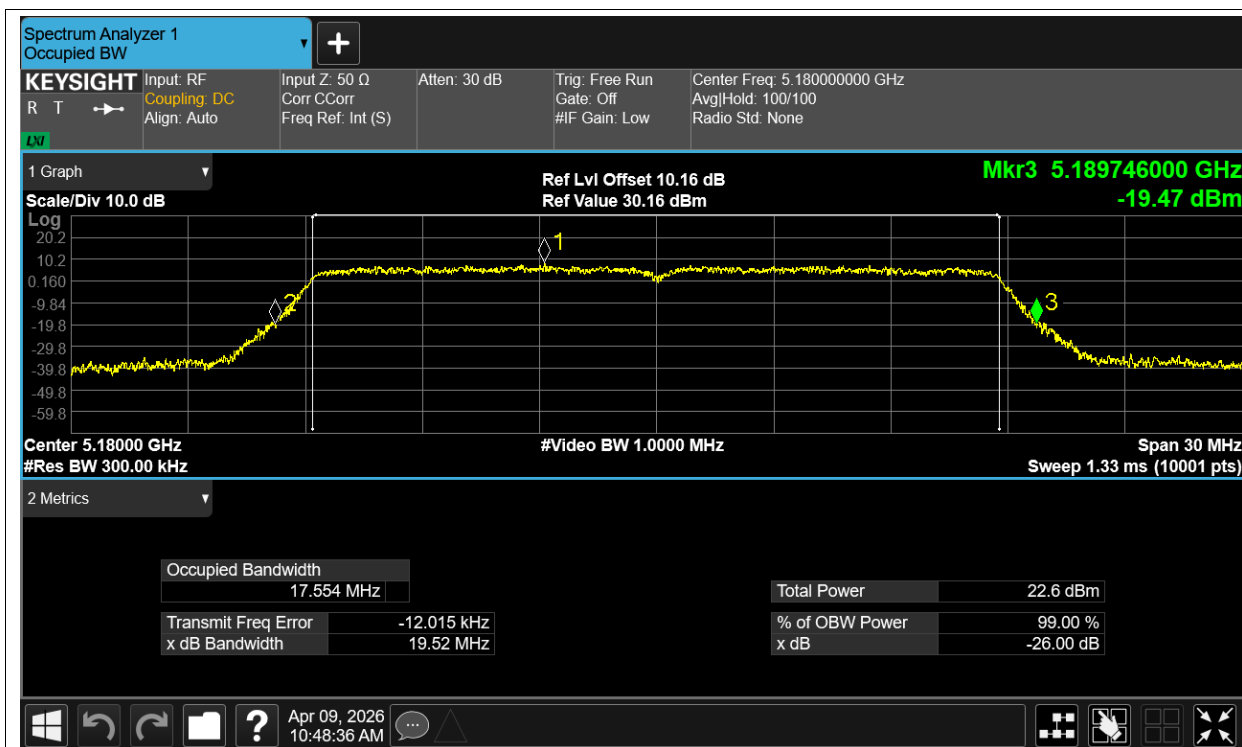
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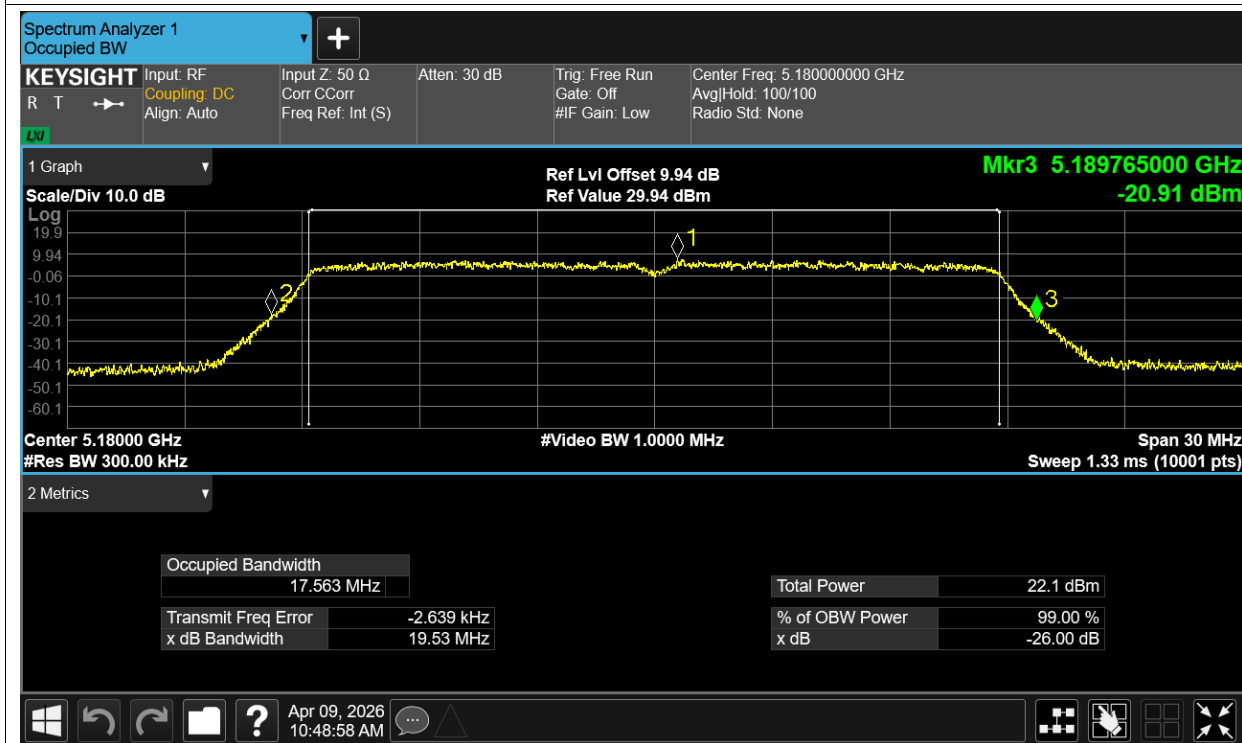
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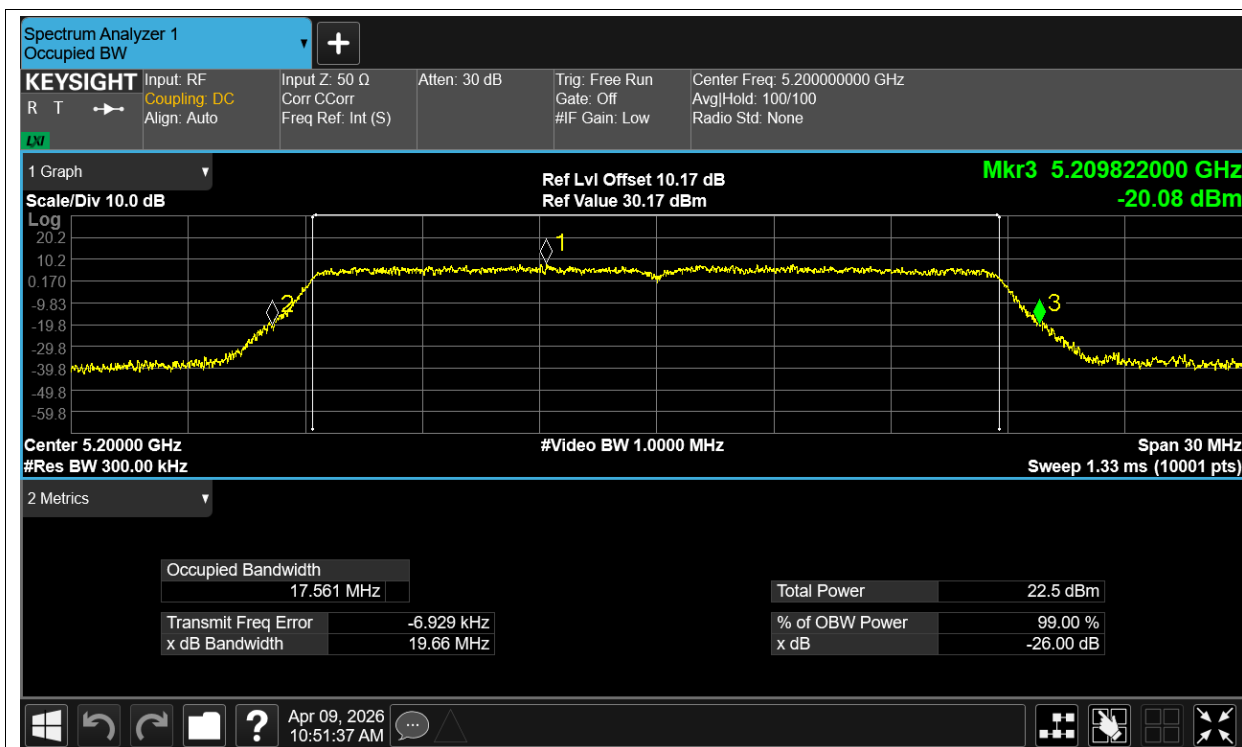
-26dB Bandwidth NVNT n20 5180MHz Ant1



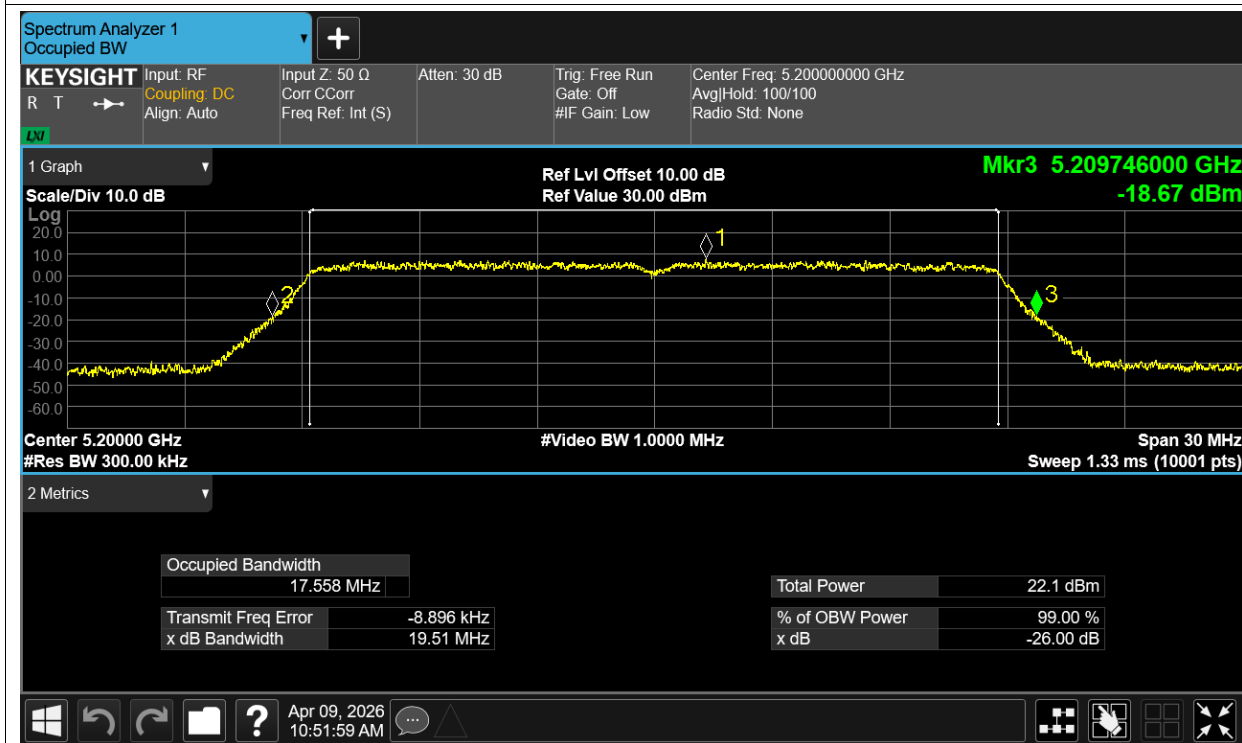
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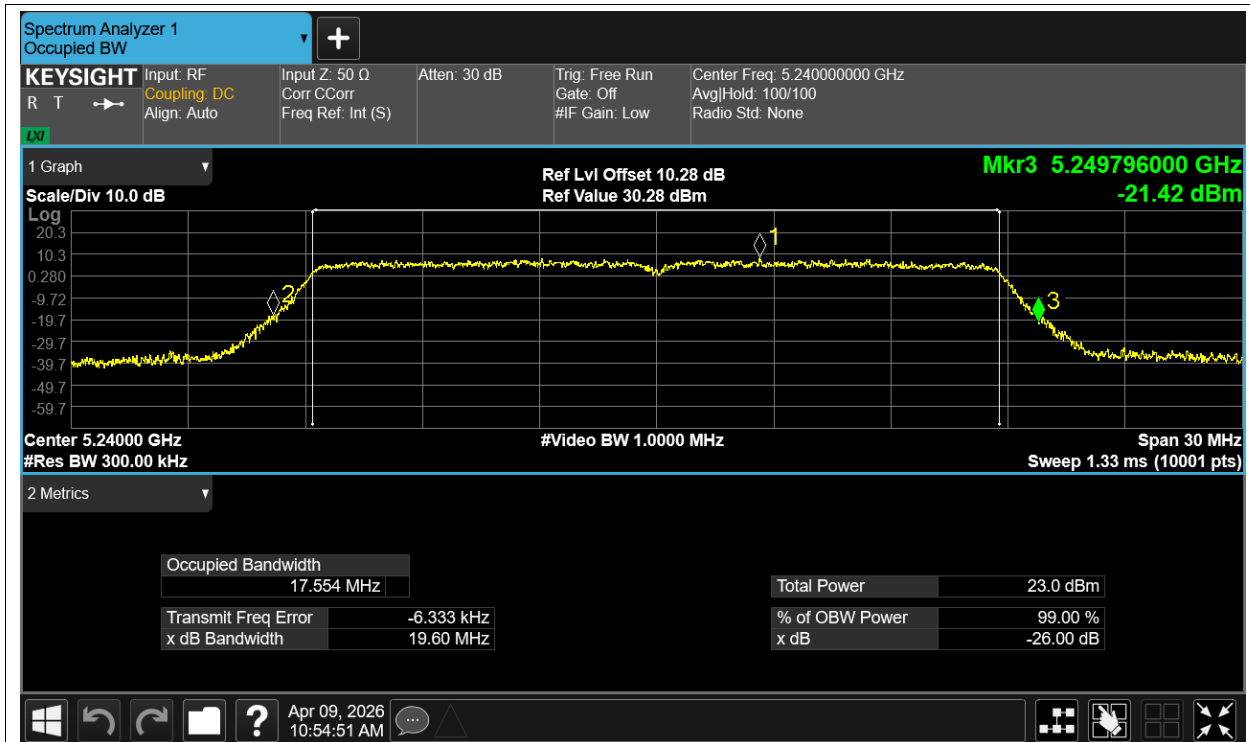
-26dB Bandwidth NVNT n20 5200MHz Ant1



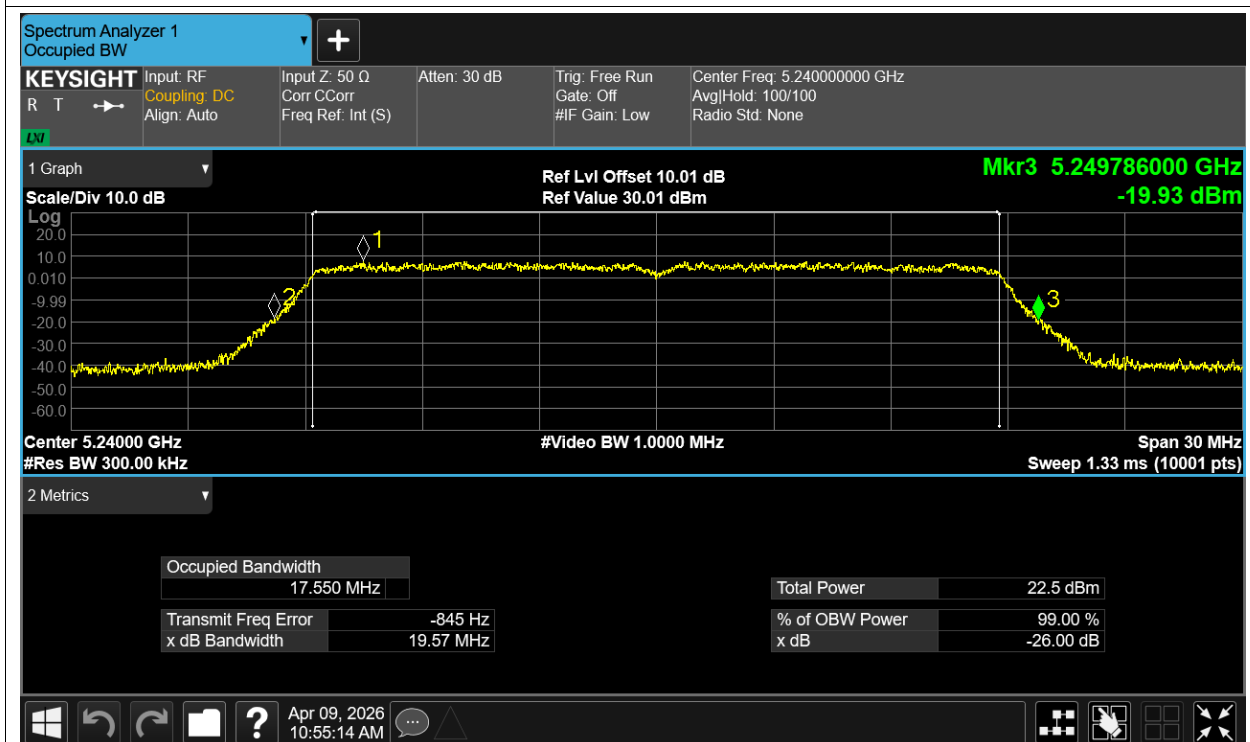
-26dB Bandwidth NVNT n20 5200MHz Ant2



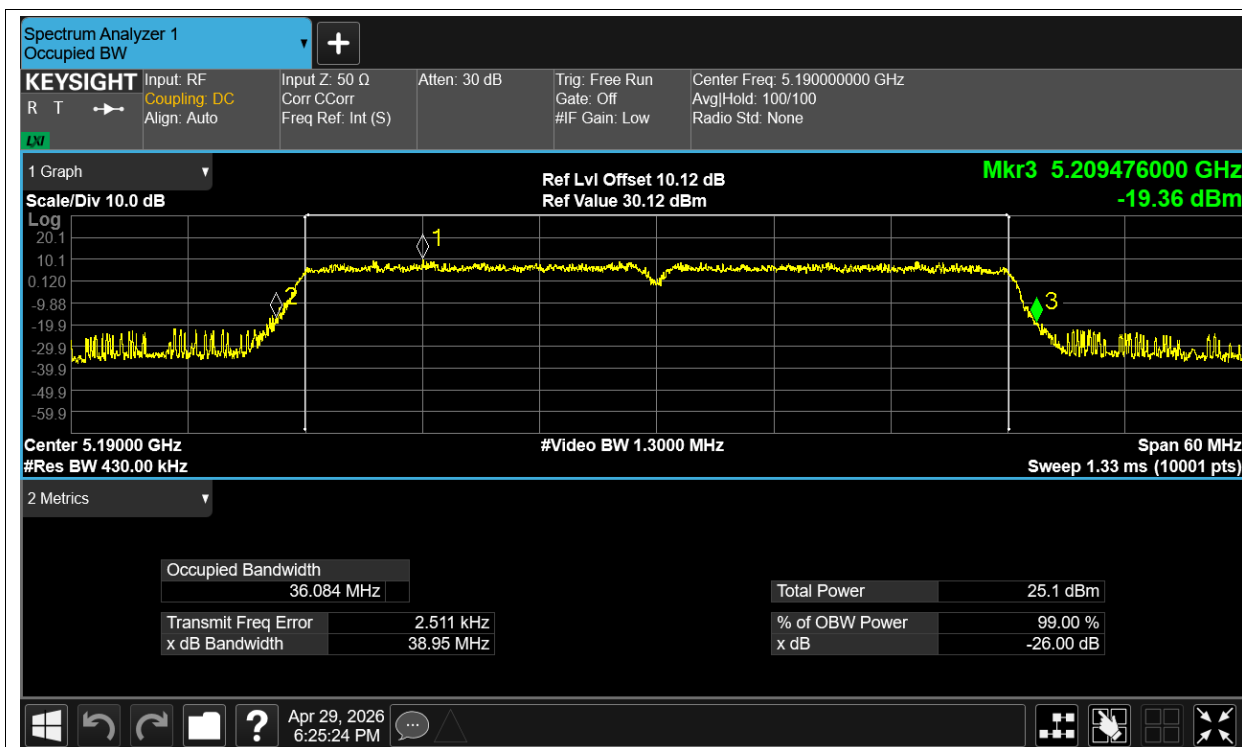
-26dB Bandwidth NVNT n20 5240MHz Ant1



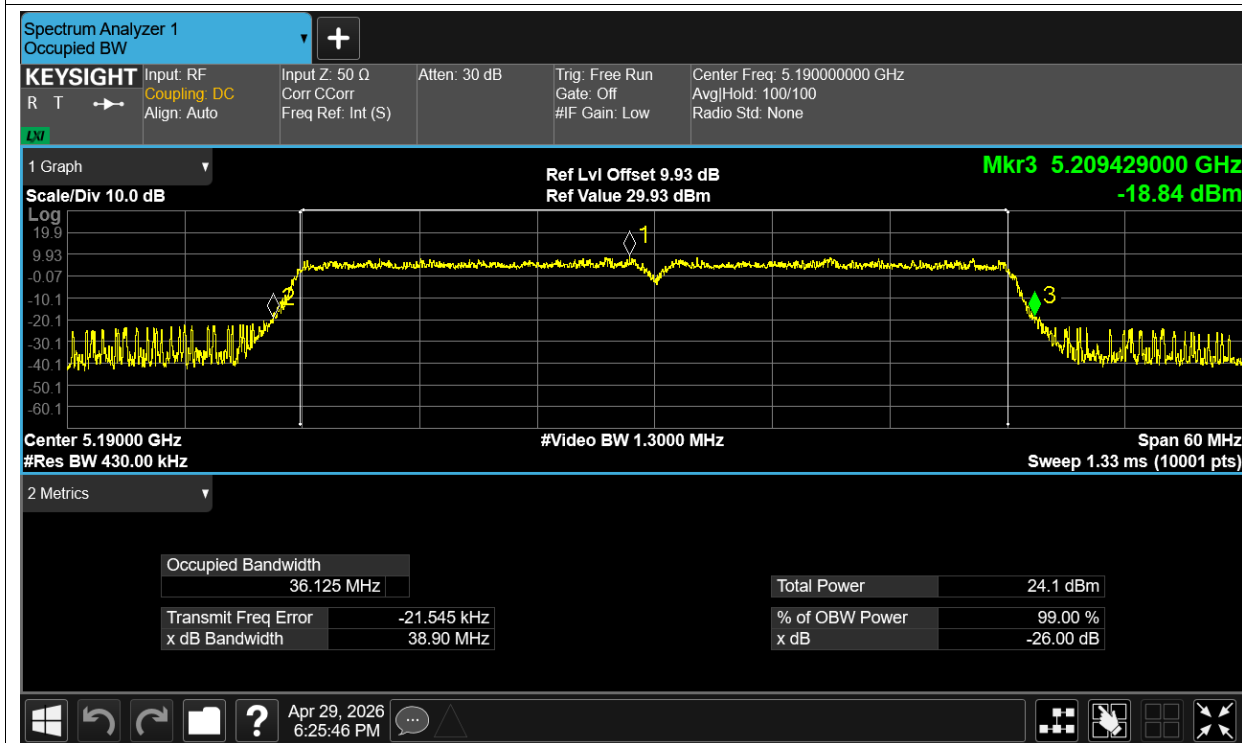
-26dB Bandwidth NVNT n20 5240MHz Ant2



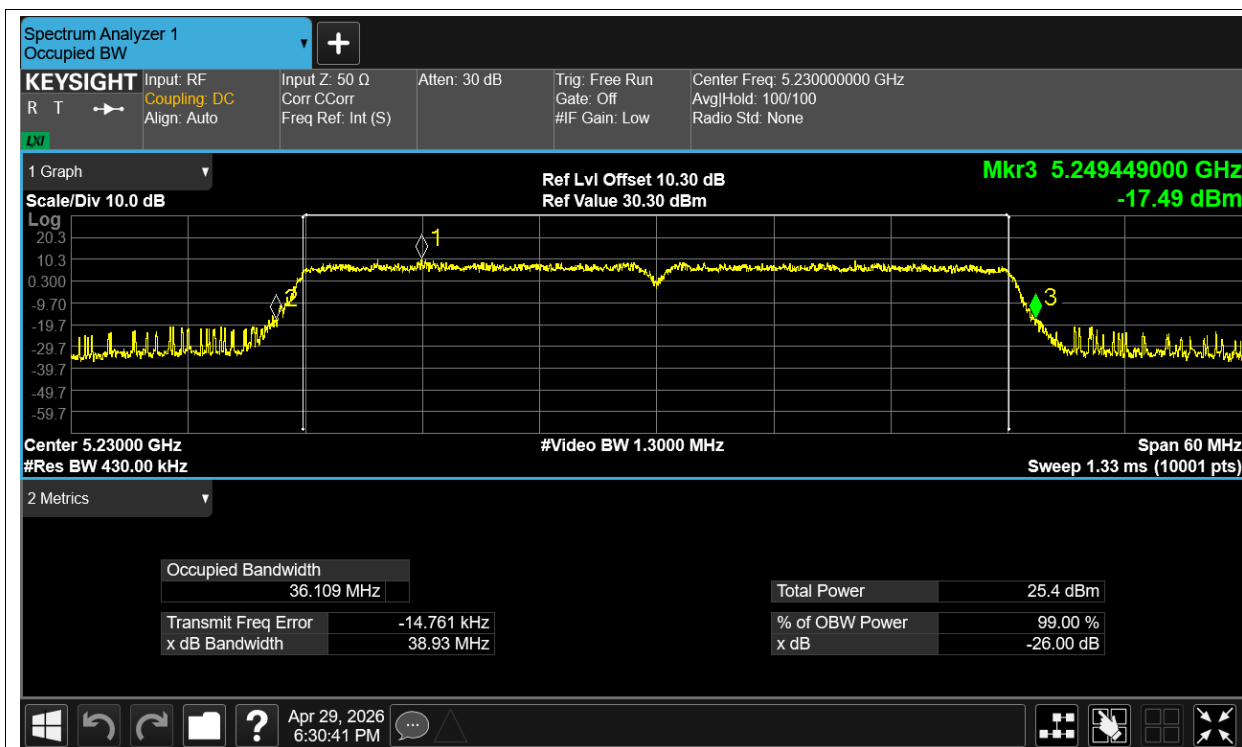
-26dB Bandwidth NVNT n40 5190MHz Ant1



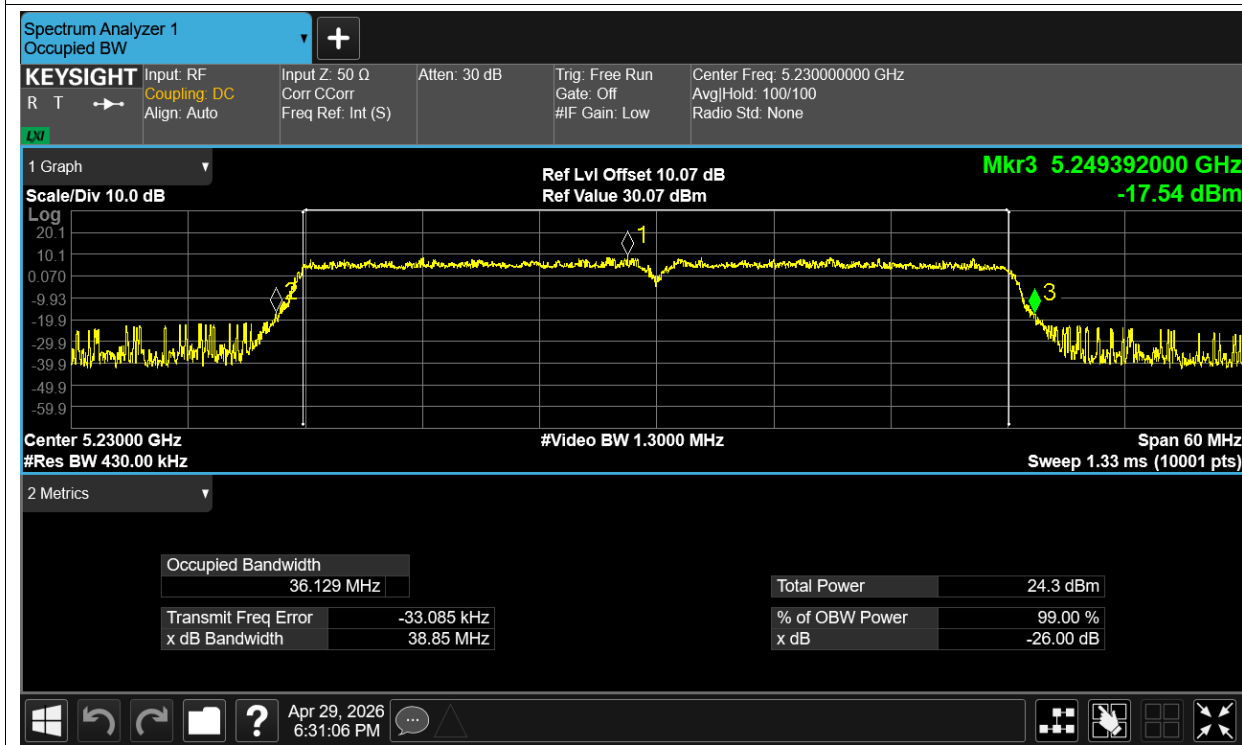
-26dB Bandwidth NVNT n40 5190MHz Ant2



-26dB Bandwidth NVNT n40 5230MHz Ant1



-26dB Bandwidth NVNT n40 5230MHz Ant2



Duty Cycle

Condition	Mode	Frequency (MHz)	Antenna	Duty Cycle (%)	Correction Factor (dB)
NVNT	a	5180	Ant1	99.58	0.02
NVNT	a	5200	Ant1	99.58	0.02
NVNT	a	5240	Ant1	99.59	0.02
NVNT	a	5200	Ant2	99.61	0.02
NVNT	a	5240	Ant2	99.58	0.02
NVNT	ac20	5180	Sum	99.59	0.02
NVNT	ac20	5200	Sum	99.59	0.02
NVNT	ac20	5240	Sum	99.58	0.02
NVNT	ac40	5190	Sum	99.16	0.04
NVNT	ac40	5230	Sum	99.15	0.04
NVNT	ac80	5210	Sum	98.21	0.08
NVNT	ax20	5180	Sum	99.55	0.02
NVNT	ax20	5200	Sum	99.53	0.02
NVNT	ax20	5240	Sum	99.52	0.02
NVNT	ax40	5190	Sum	99	0.04
NVNT	ax40	5230	Sum	98.98	0.04
NVNT	ax80	5210	Sum	98.1	0.08
NVNT	n20	5180	Sum	99.57	0.02
NVNT	n20	5200	Sum	99.59	0.02
NVNT	n20	5240	Sum	99.56	0.02
NVNT	n40	5190	Sum	99.04	0.04
NVNT	n40	5230	Sum	99.08	0.04