

Test Data

Frequency Stability

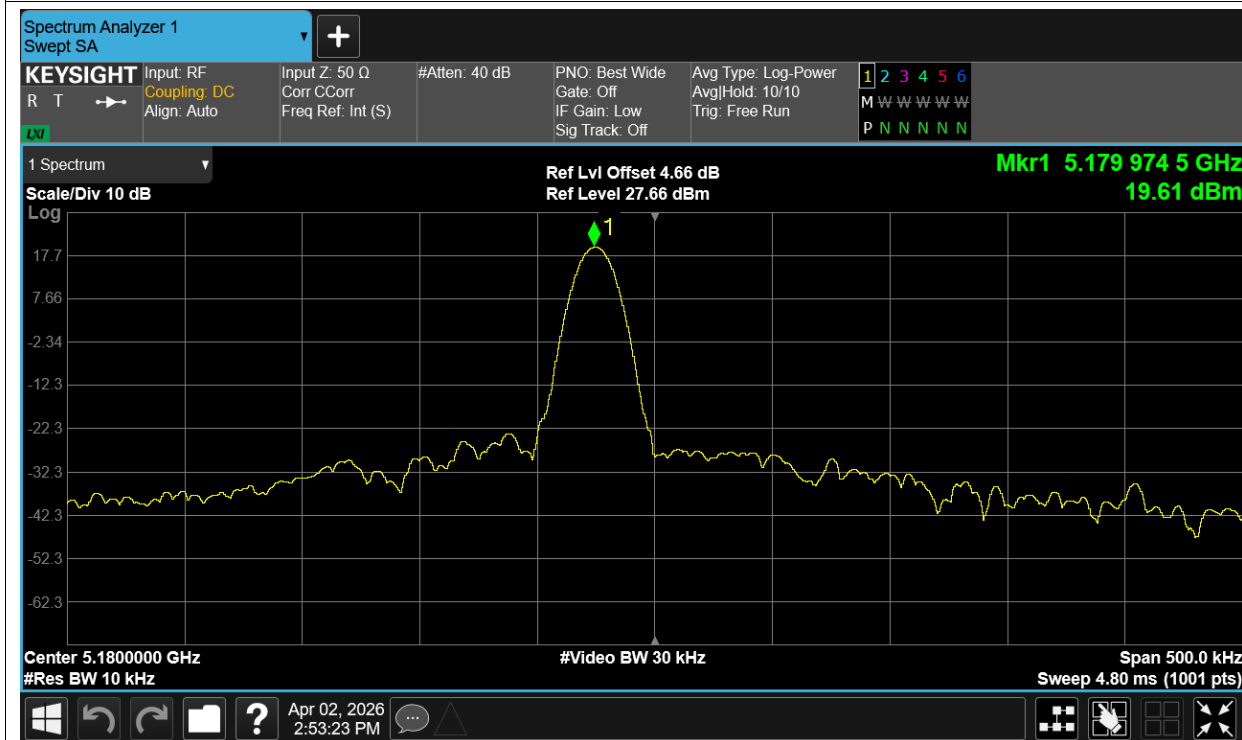
Condition	Frequency (MHz)	Antenna	Measured Frequency (MHz)	Deviation (ppm)	Limit (ppm)	Verdict
HVNT	5180	Ant13	5179.9745	-4.92	Within authorized band	Pass
HVNT	5200	Ant13	5199.9725	-5.29		Pass
HVNT	5240	Ant13	5239.971	-5.53		Pass
LVNT	5180	Ant13	5179.9745	-4.92		Pass
LVNT	5200	Ant13	5199.973	-5.19		Pass
LVNT	5240	Ant13	5239.9715	-5.44		Pass
NVHT	5180	Ant13	5179.9745	-4.92		Pass
NVHT	5200	Ant13	5199.973	-5.19		Pass
NVHT	5240	Ant13	5239.9715	-5.44		Pass
NVLT	5180	Ant13	5179.9745	-4.92		Pass
NVLT	5200	Ant13	5199.9735	-5.1		Pass
NVLT	5240	Ant13	5239.972	-5.34		Pass
NVNT	5180	Ant13	5179.9745	-4.92		Pass
NVNT	5200	Ant13	5199.974	-5		Pass
NVNT	5240	Ant13	5239.972	-5.34		Pass
HVNT	5190	Ant13	5189.9705	-5.68		Pass
HVNT	5230	Ant13	5229.9695	-5.83		Pass
LVNT	5190	Ant13	5189.971	-5.59		Pass
LVNT	5230	Ant13	5229.97	-5.74		Pass
NVHT	5190	Ant13	5189.971	-5.59		Pass
NVHT	5230	Ant13	5229.97	-5.74		Pass
NVLT	5190	Ant13	5189.971	-5.59		Pass
NVLT	5230	Ant13	5229.97	-5.74		Pass
NVNT	5190	Ant13	5189.9715	-5.49		Pass
NVNT	5230	Ant13	5229.9705	-5.64		Pass
HVNT	5210	Ant13	5209.9695	-5.85		Pass
LVNT	5210	Ant13	5209.9695	-5.85		Pass
NVHT	5210	Ant13	5209.9695	-5.85		Pass
NVLT	5210	Ant13	5209.9695	-5.85		Pass
NVNT	5210	Ant13	5209.9695	-5.85		Pass

Remark:

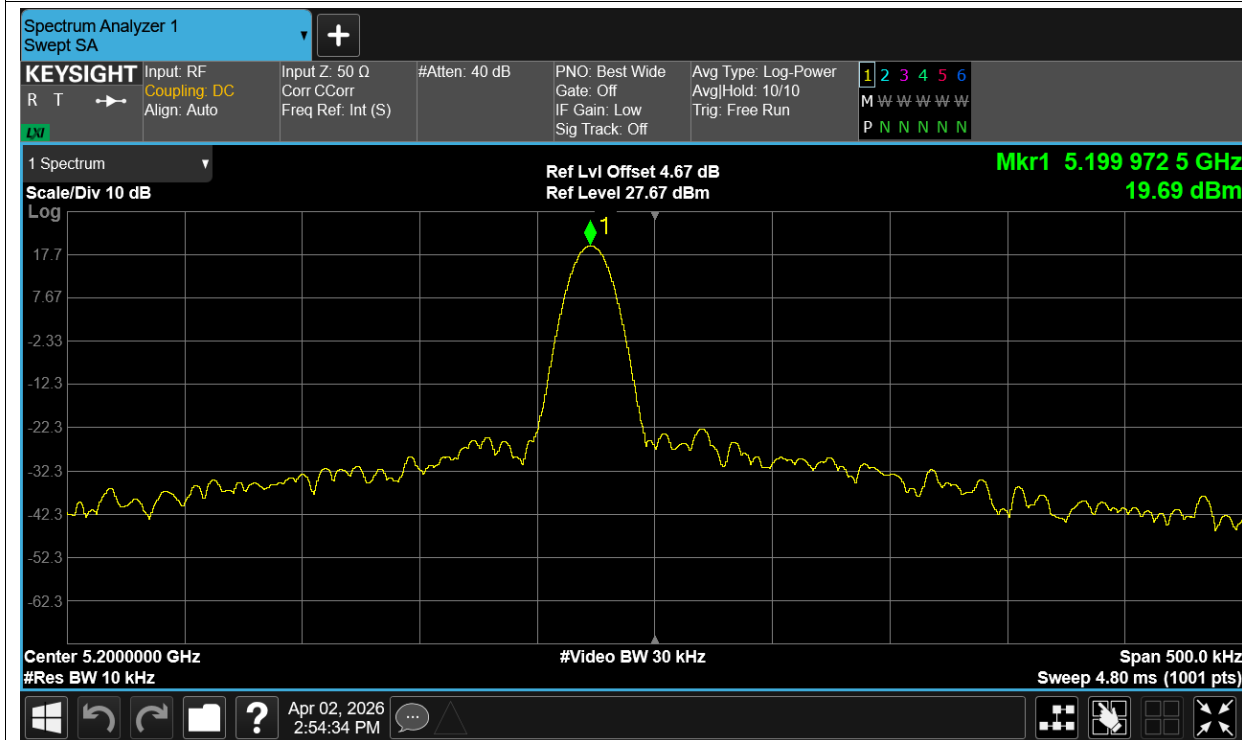
“NTNV” means Normal Temperature Normal Voltage, “NVHT” means Normal Voltage High Temperature, “NVLT” means Normal Voltage Low Temperature, “LVNT” means Low Voltage Normal Temperature, “HVNT” means High Voltage Normal Temperature.

Test Graphs

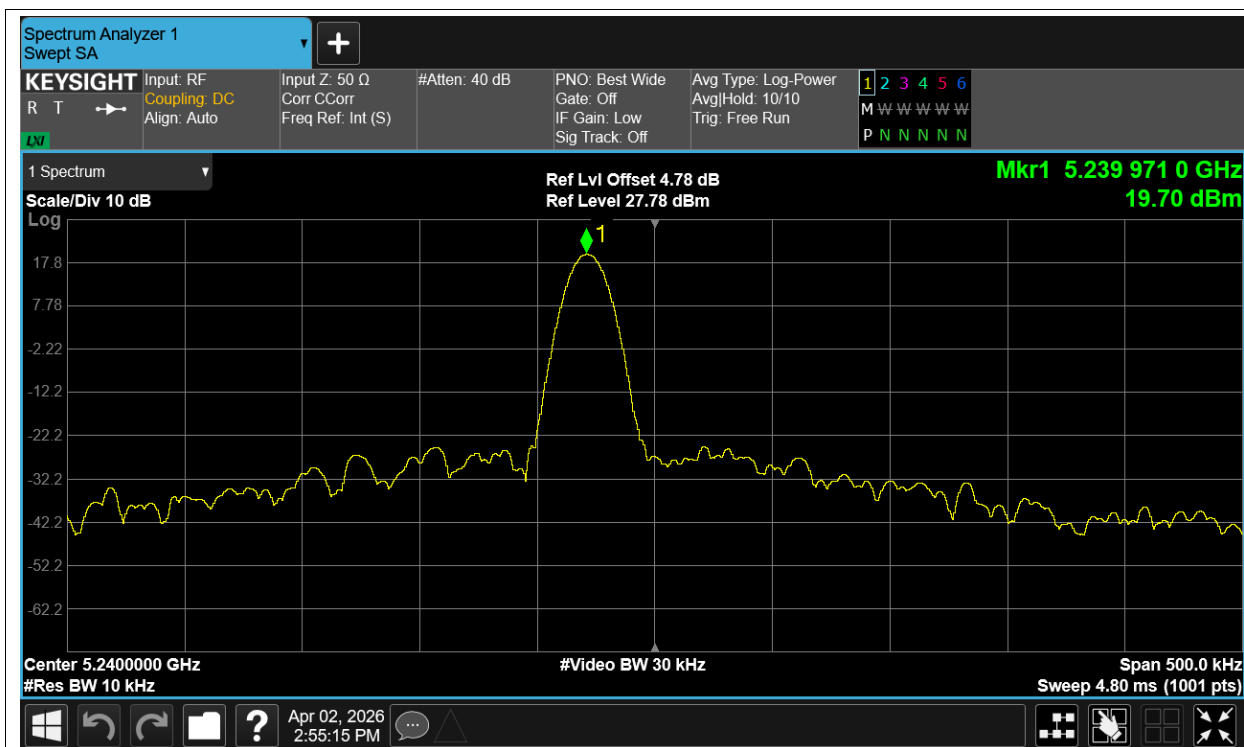
Freq. Stability HVNT 20M 5180MHz Ant13



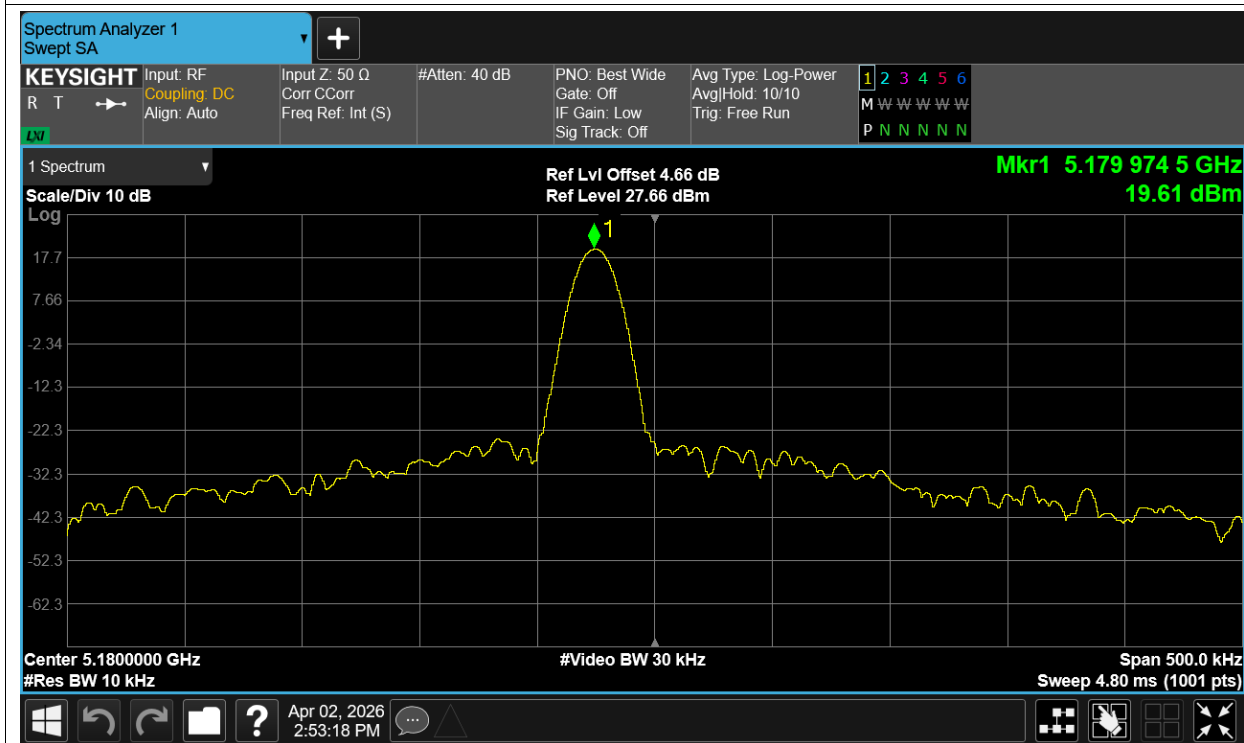
Freq. Stability HVNT 20M 5200MHz Ant13



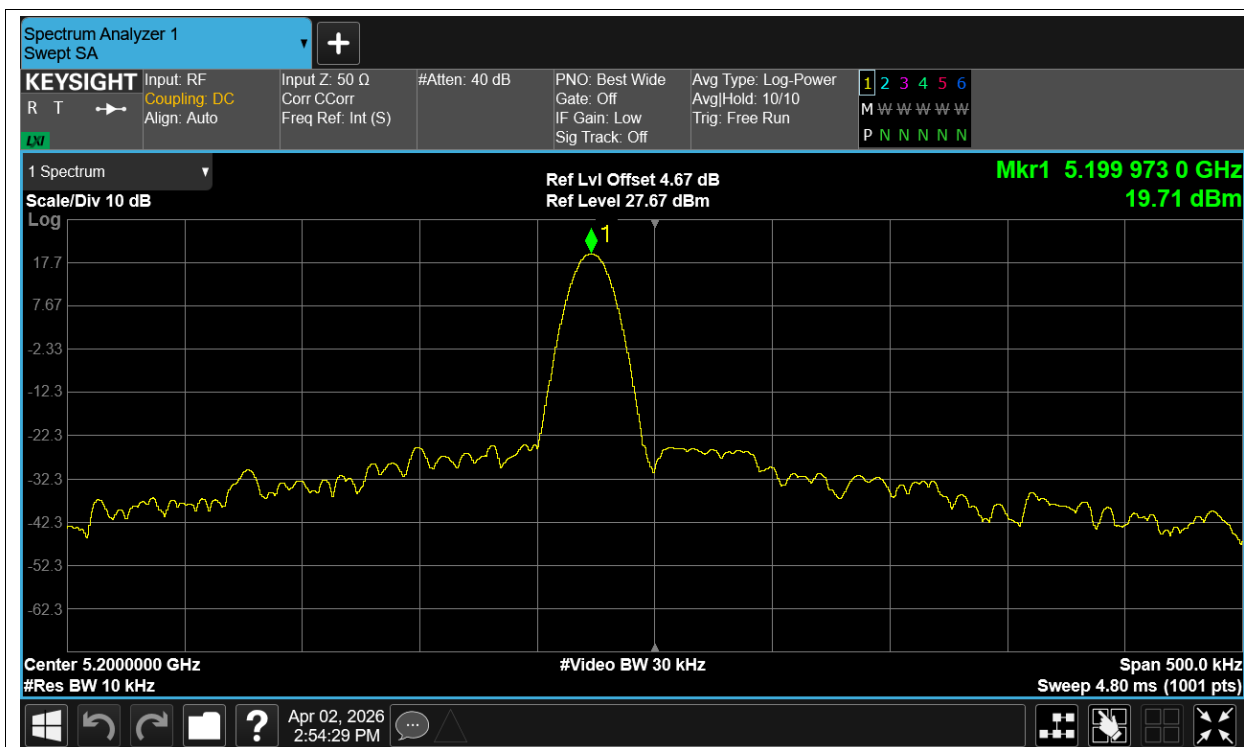
Freq. Stability HVNT 20M 5240MHz Ant13



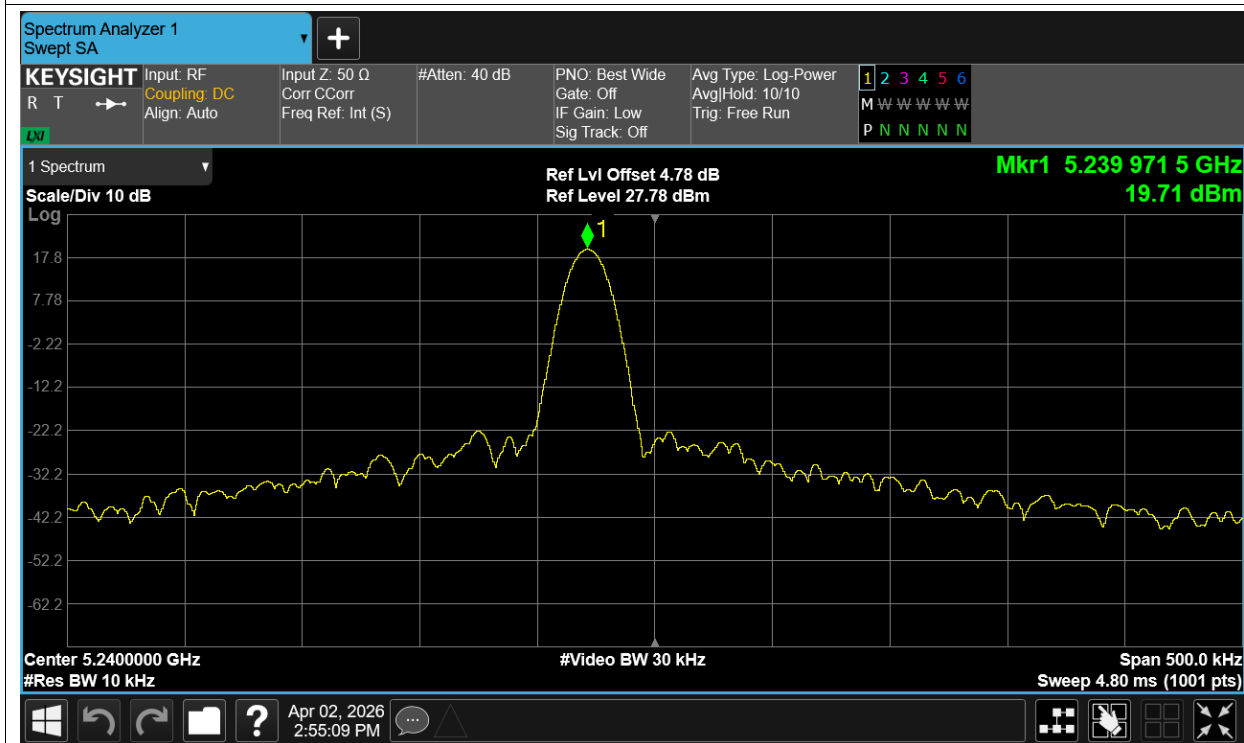
Freq. Stability LVNT 20M 5180MHz Ant13



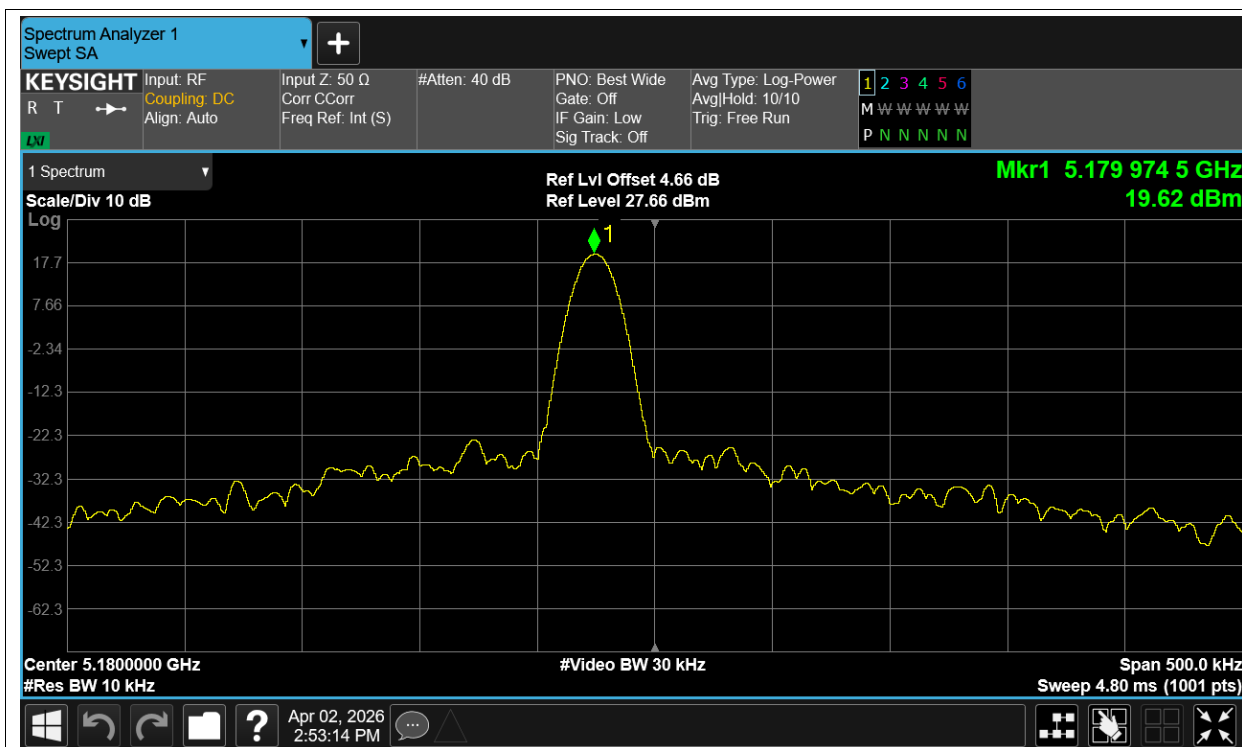
Freq. Stability LVNT 20M 5200MHz Ant13



Freq. Stability LVNT 20M 5240MHz Ant13



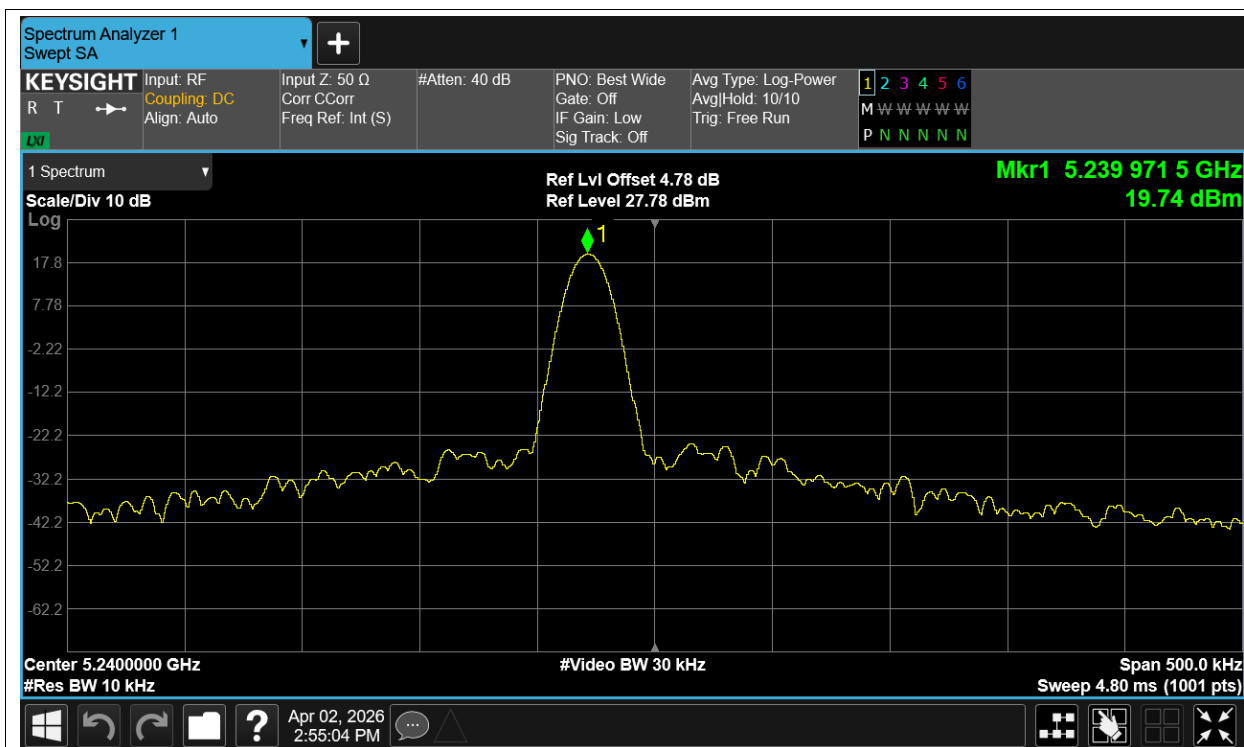
Freq. Stability NVHT 20M 5180MHz Ant13



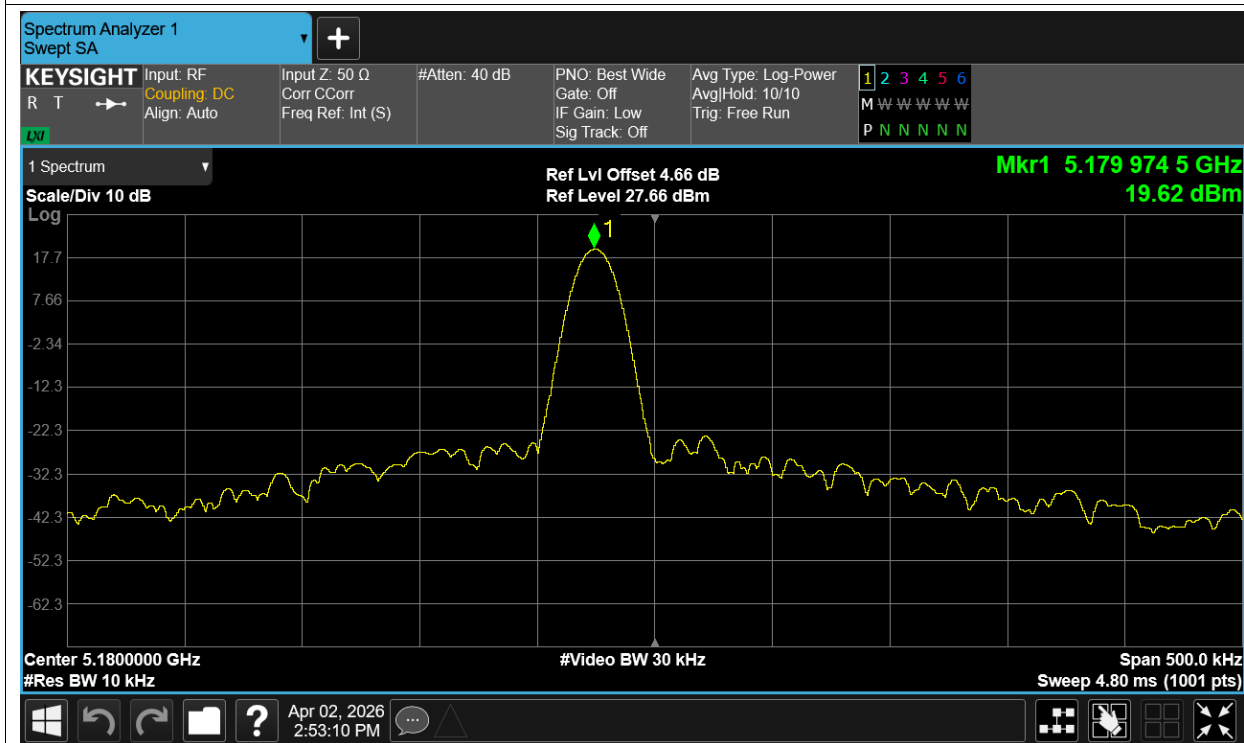
Freq. Stability NVHT 20M 5200MHz Ant13



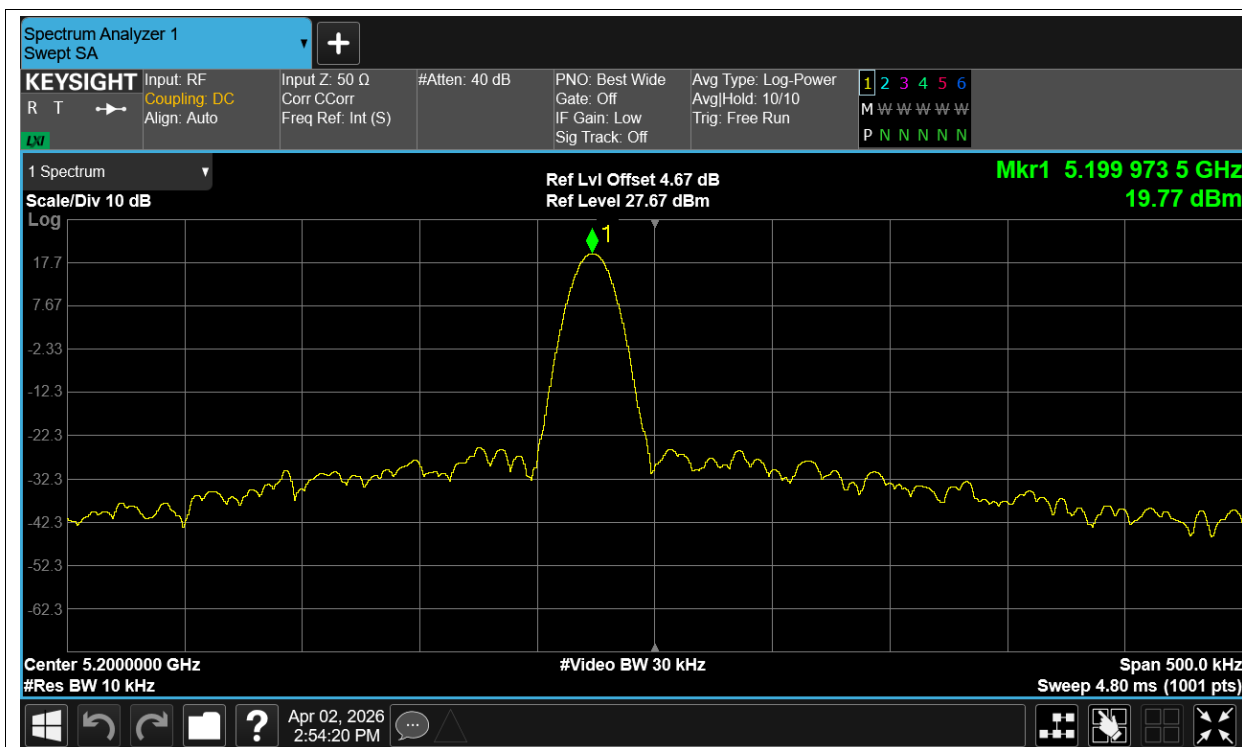
Freq. Stability NVHT 20M 5240MHz Ant13



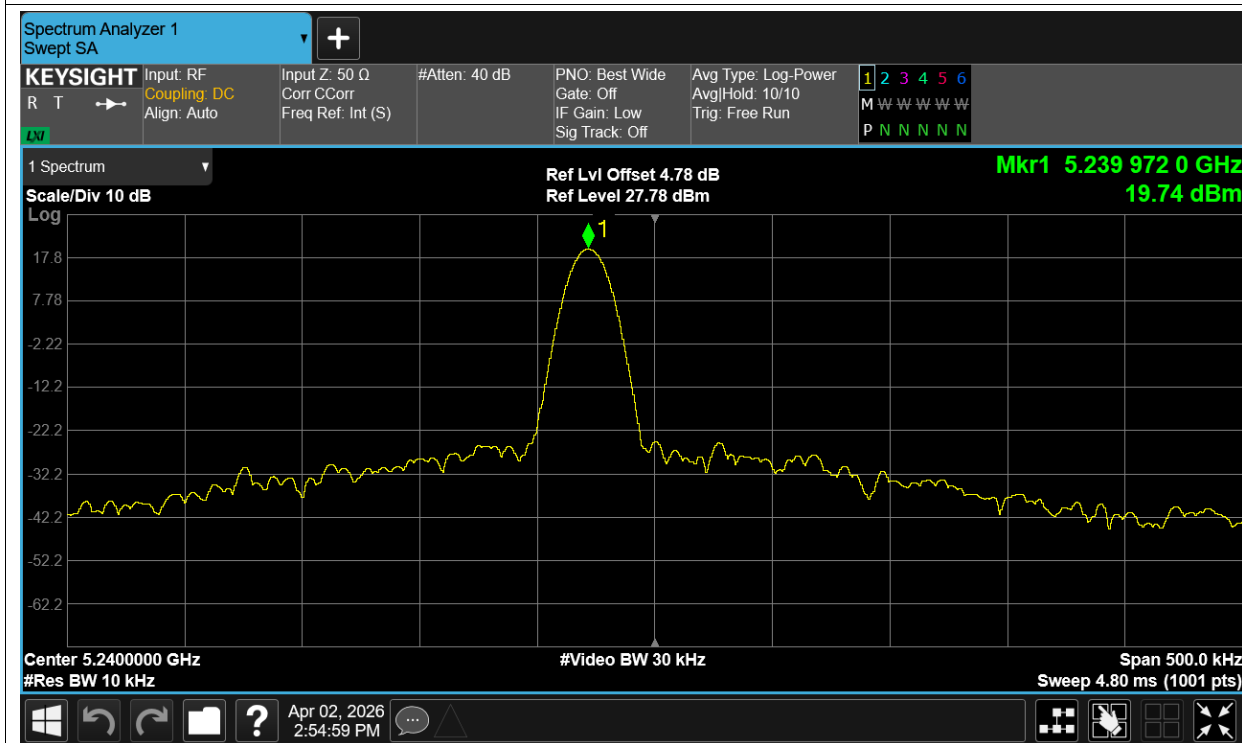
Freq. Stability NVLT 20M 5180MHz Ant13



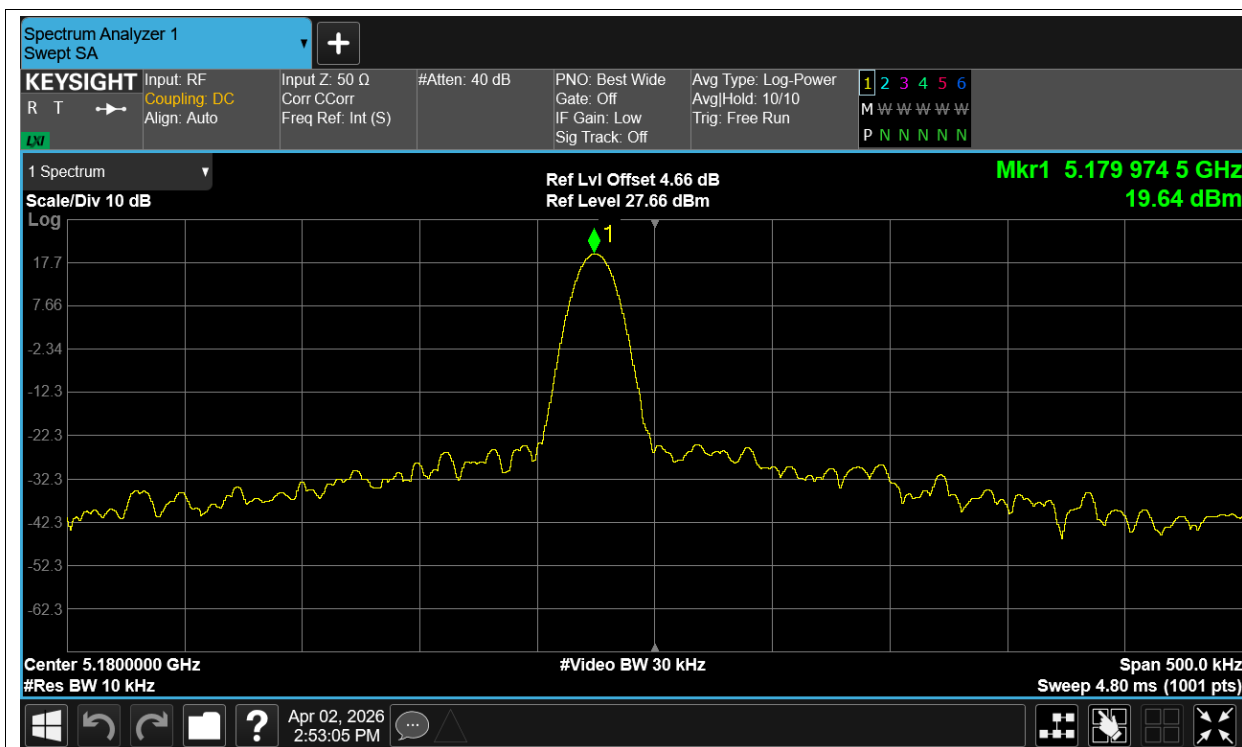
Freq. Stability NVLT 20M 5200MHz Ant13



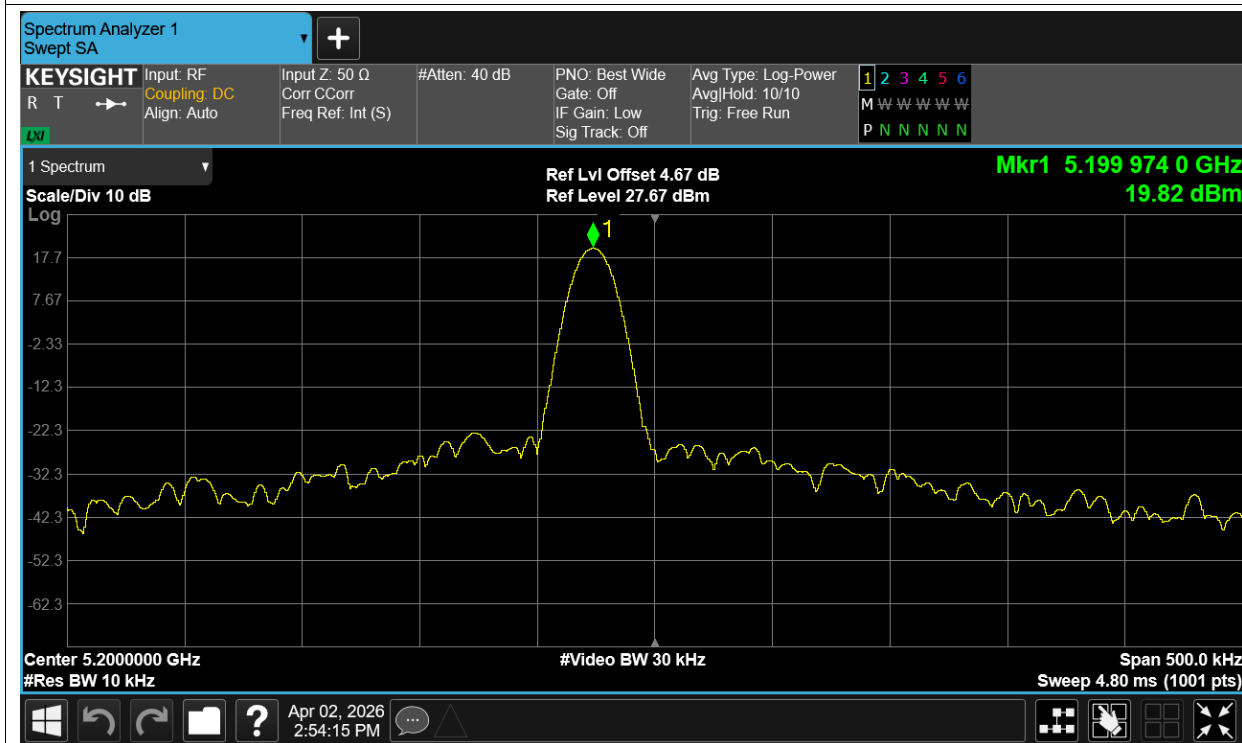
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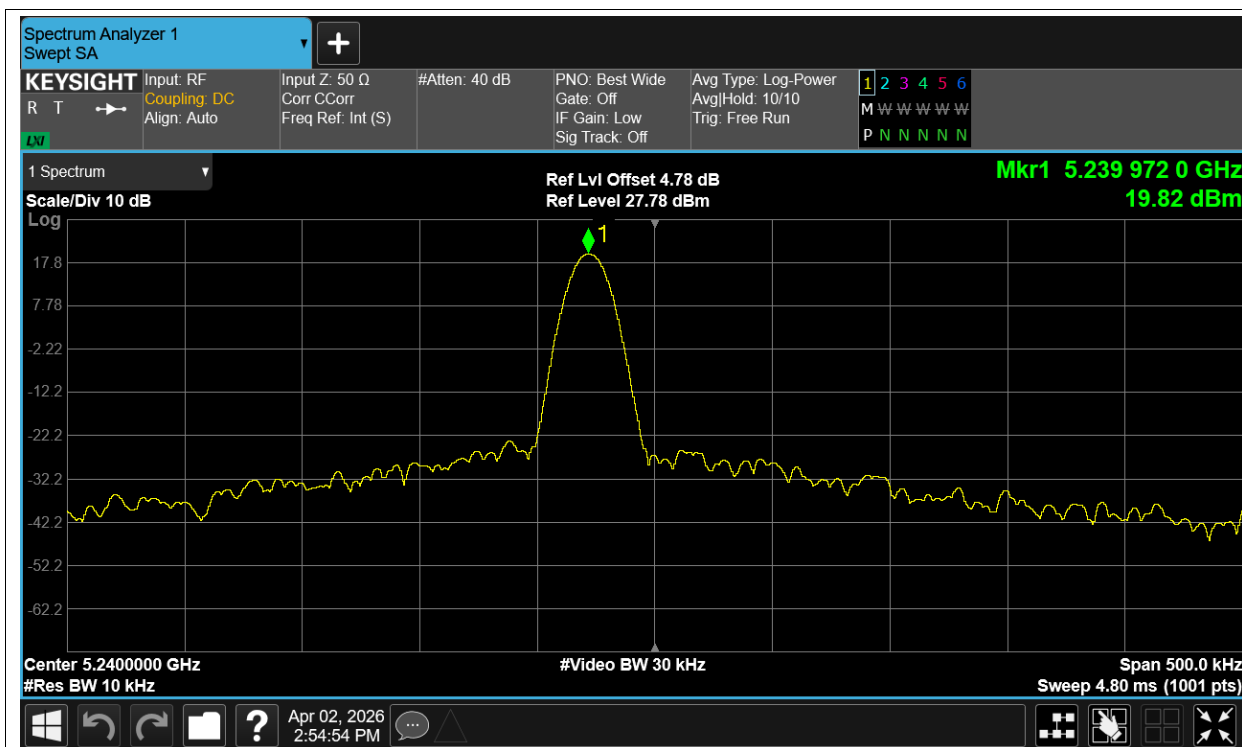
Freq. Stability NVNT 20M 5180MHz Ant13



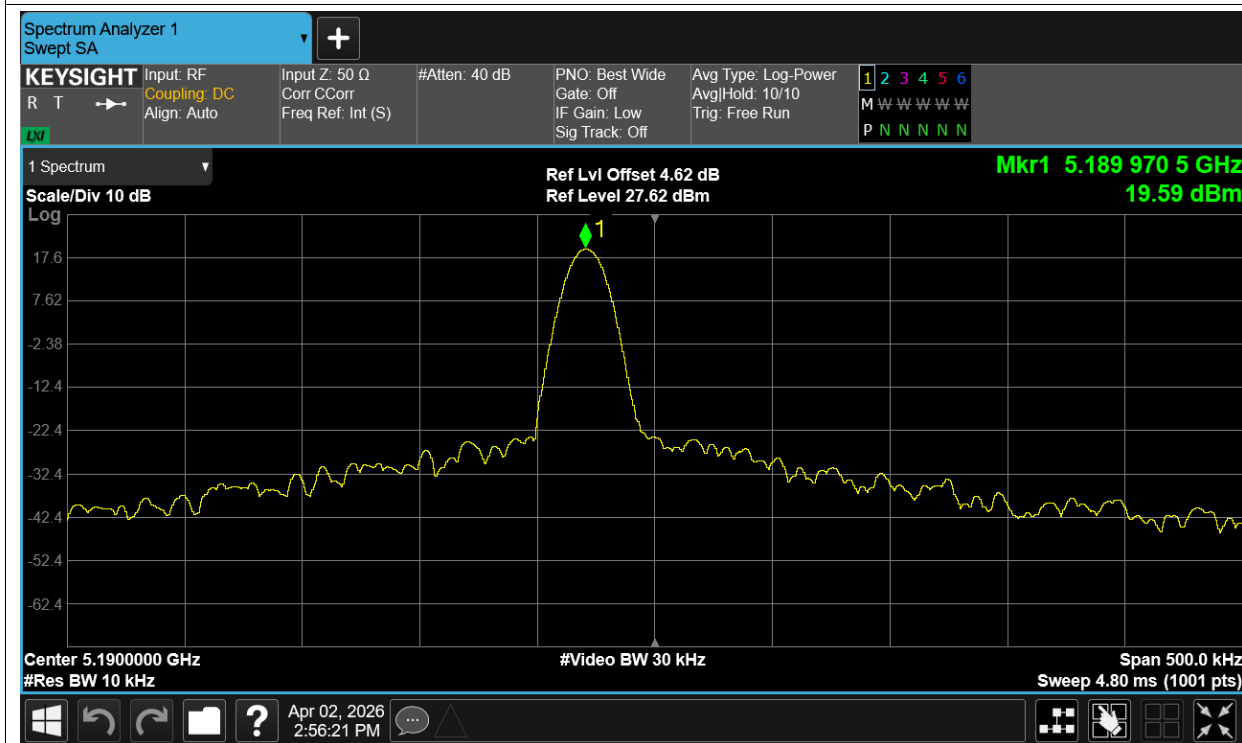
Freq. Stability NVNT 20M 5200MHz Ant13



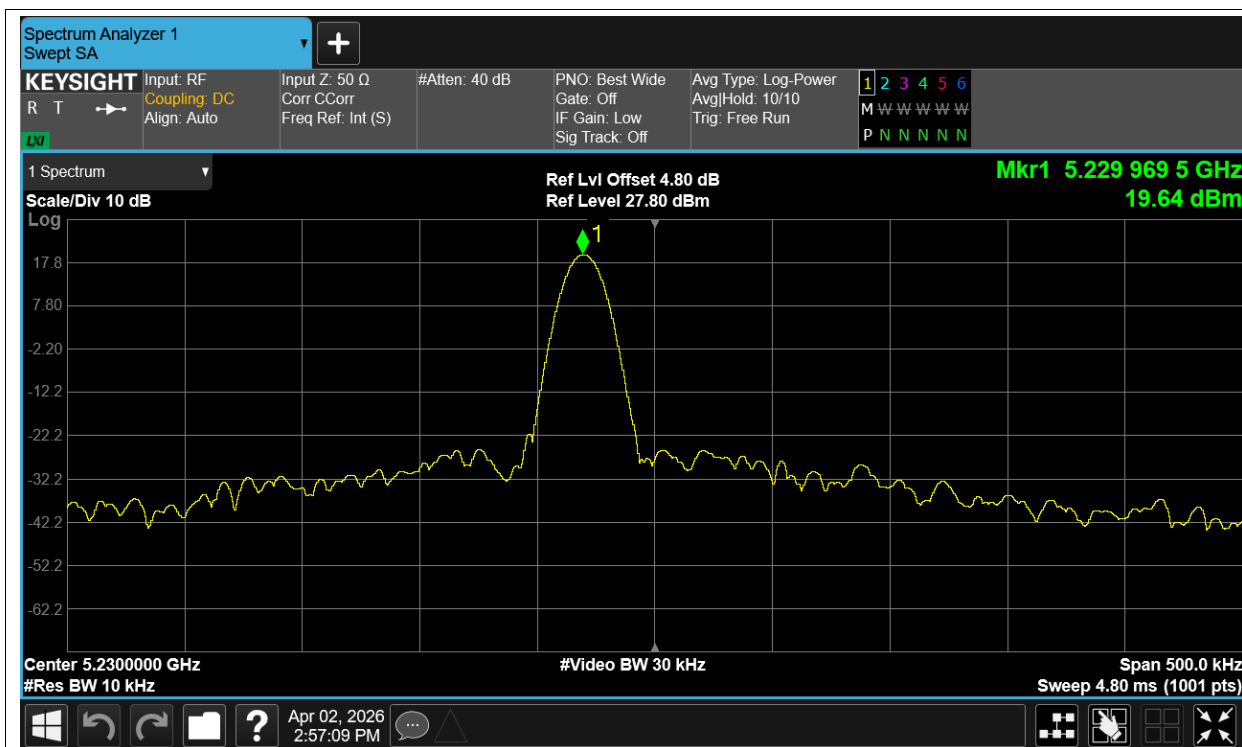
Freq. Stability NVNT 20M 5240MHz Ant13



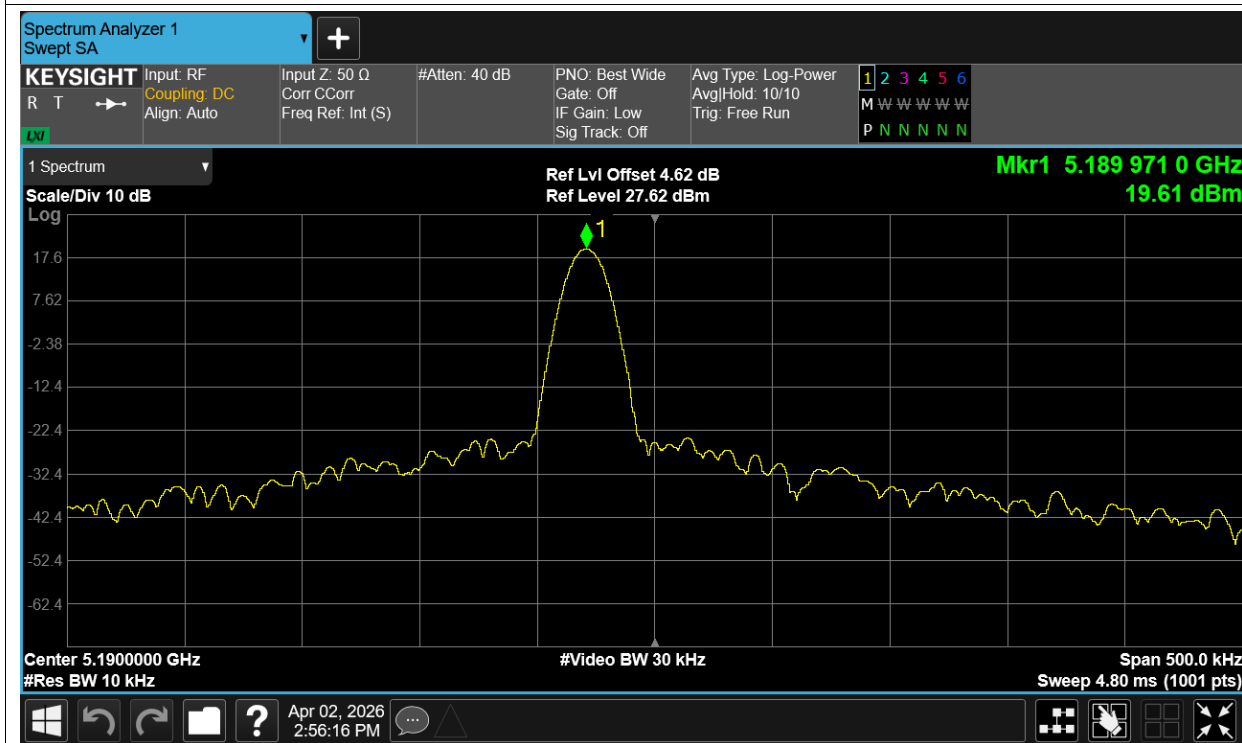
Freq. Stability HVNT 40M 5190MHz Ant13



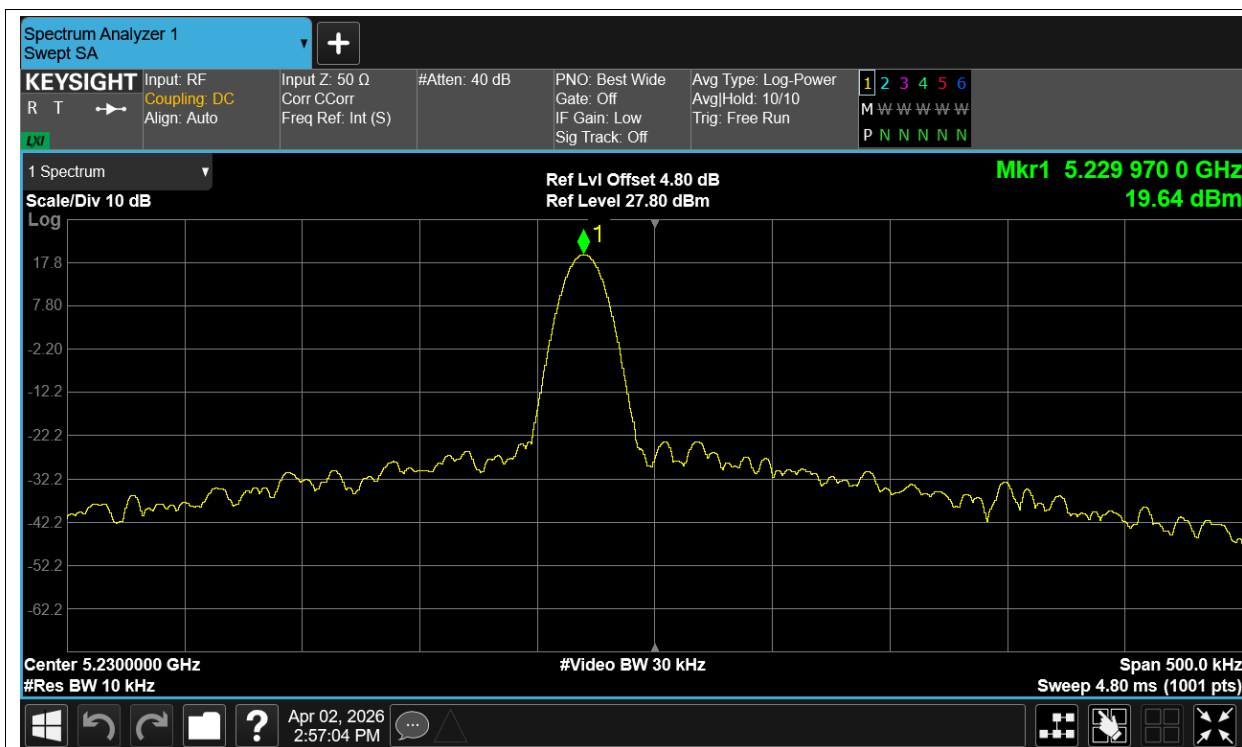
Freq. Stability HVNT 40M 5230MHz Ant13



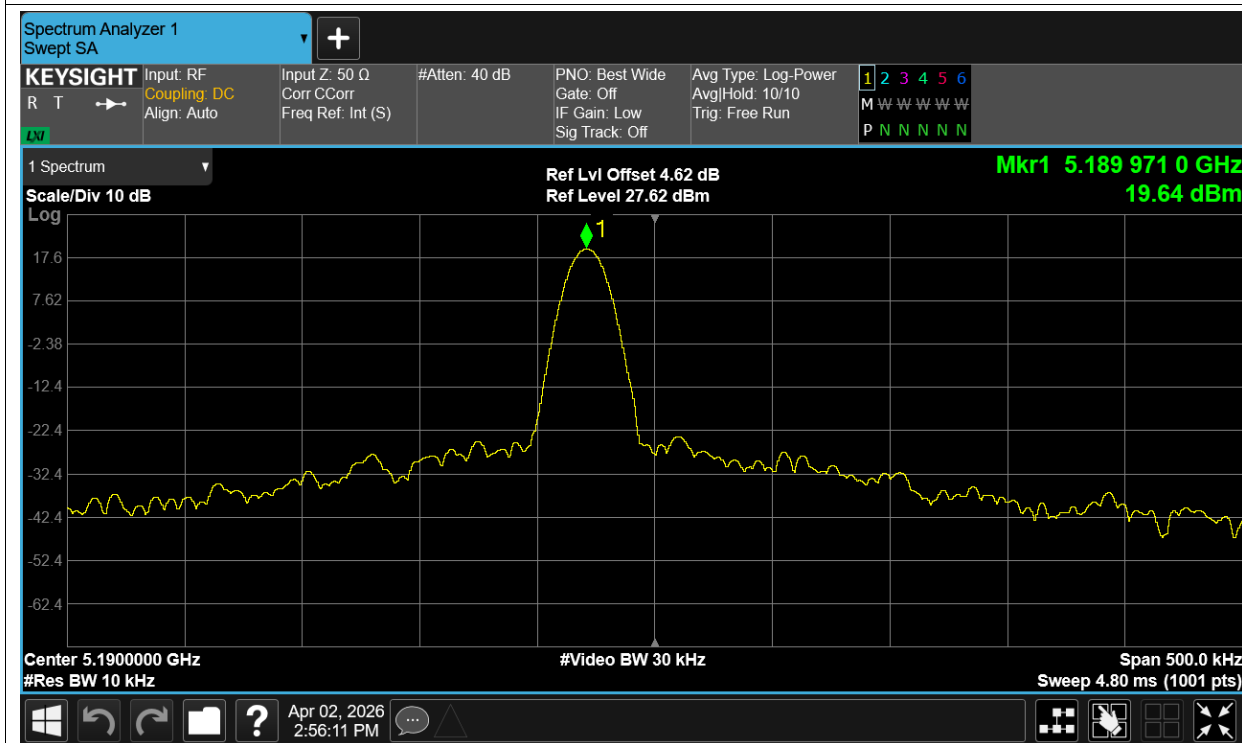
Freq. Stability LVNT 40M 5190MHz Ant13



Freq. Stability LVNT 40M 5230MHz Ant13



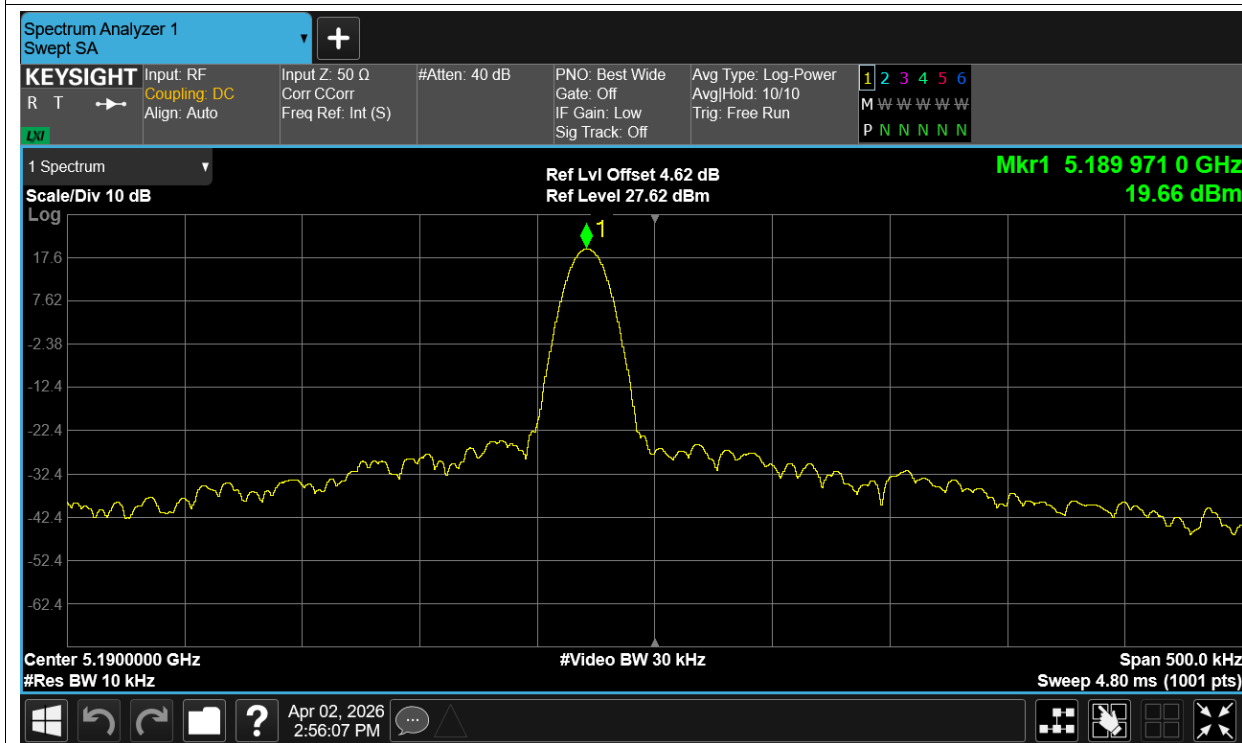
Freq. Stability NVHT 40M 5190MHz Ant13



Freq. Stability NVHT 40M 5230MHz Ant13



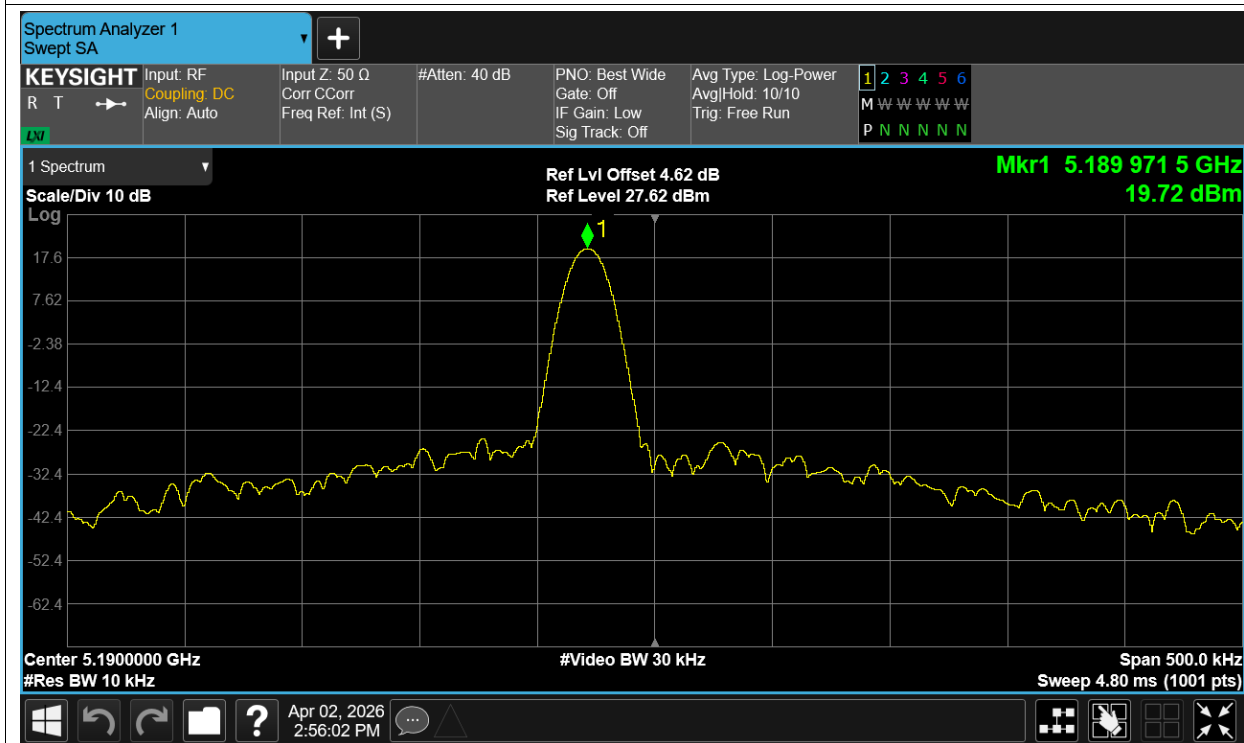
Freq. Stability NVLT 40M 5190MHz Ant13



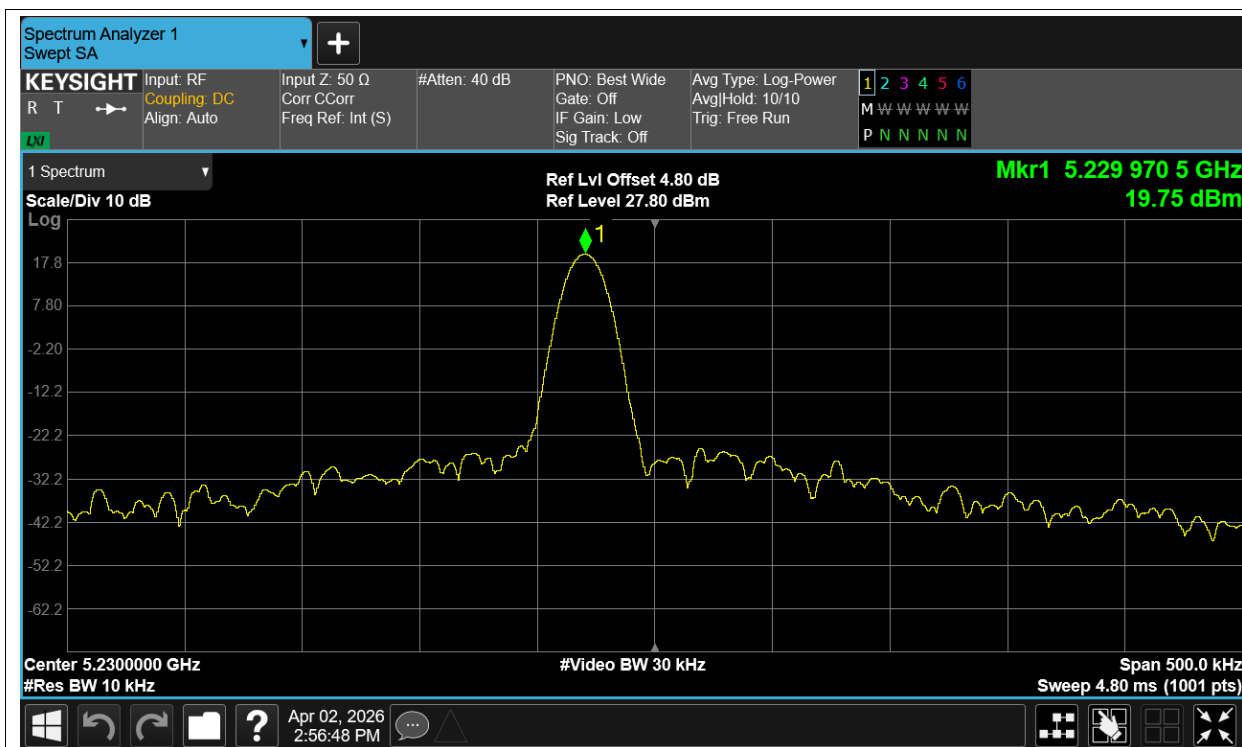
Freq. Stability NVLT 40M 5230MHz Ant13



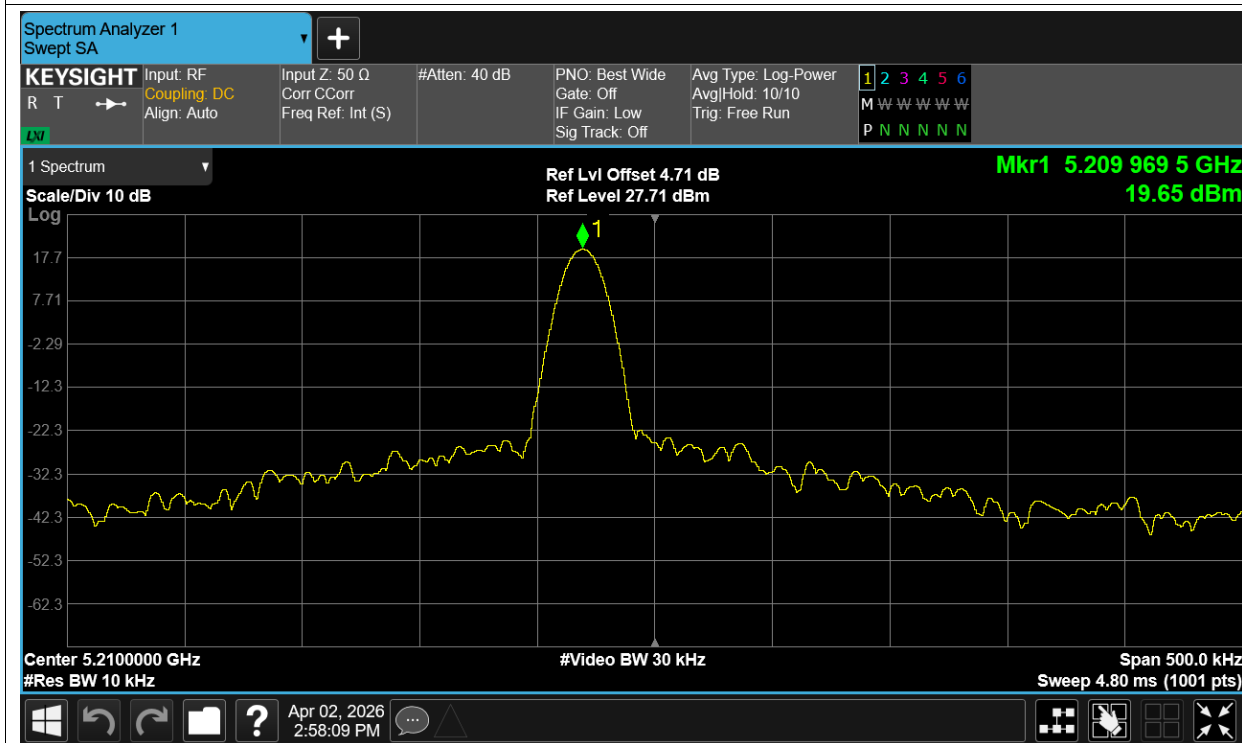
Freq. Stability NVNT 40M 5190MHz Ant13



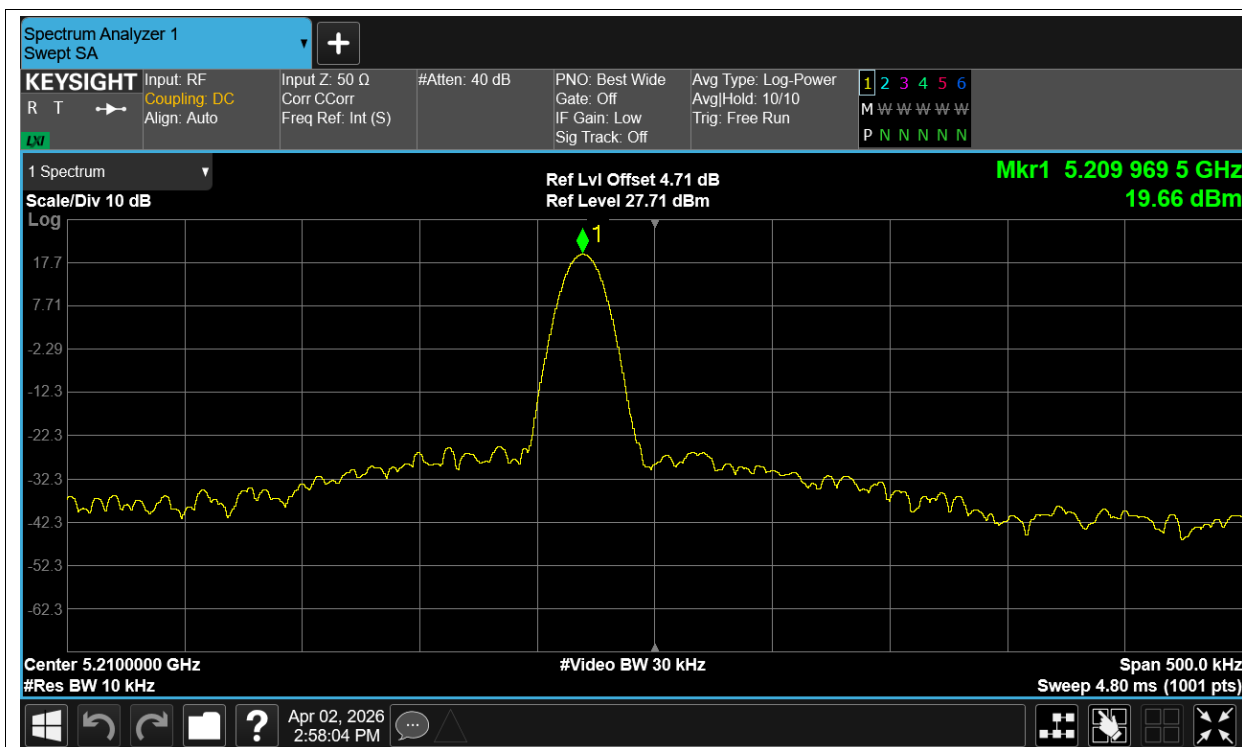
Freq. Stability NVNT 40M 5230MHz Ant13



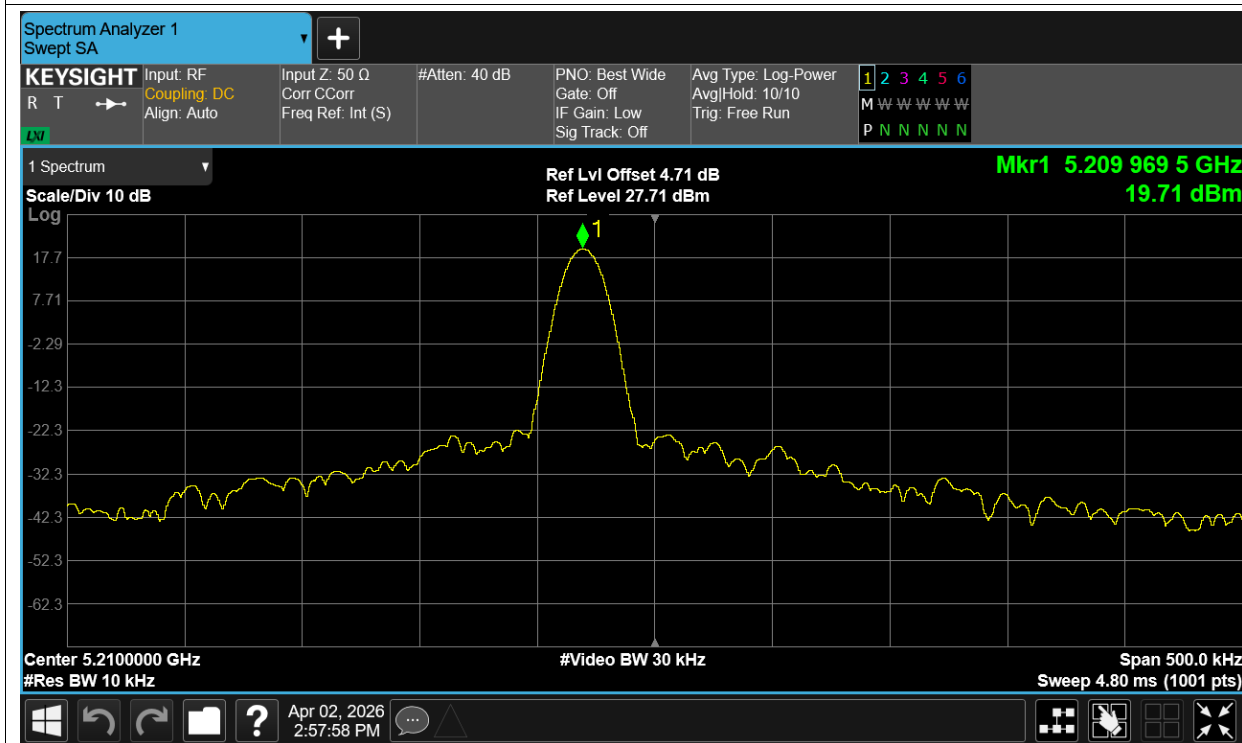
Freq. Stability HVNT 80M 5210MHz Ant13



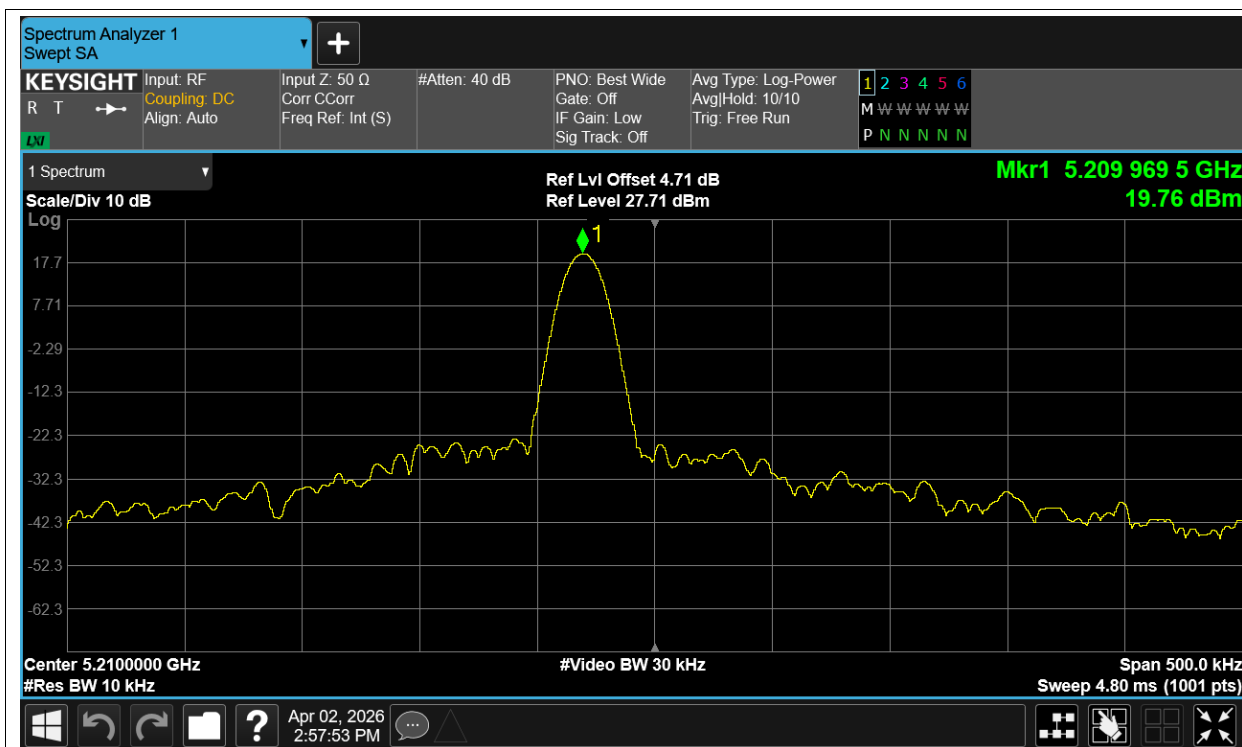
Freq. Stability LVNT 80M 5210MHz Ant13



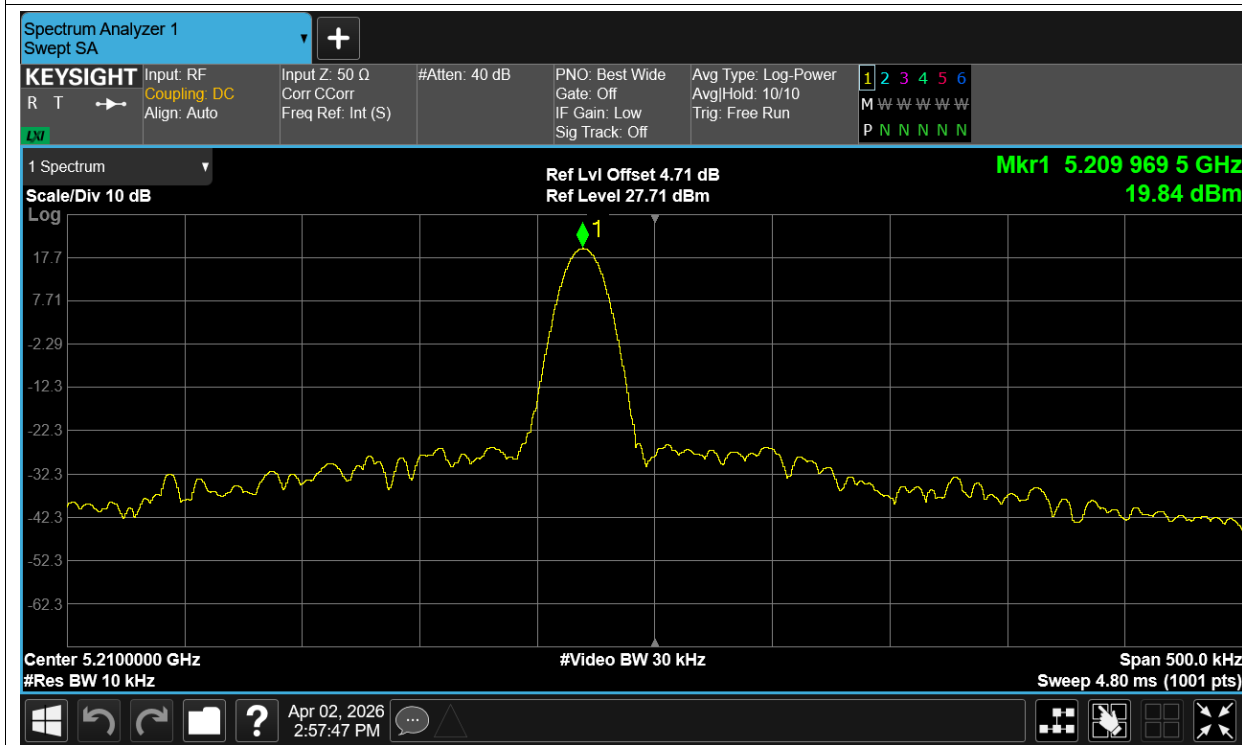
Freq. Stability NVHT 80M 5210MHz Ant13



Freq. Stability NVLT 80M 5210MHz Ant13



Freq. Stability NVNT 80M 5210MHz Ant13

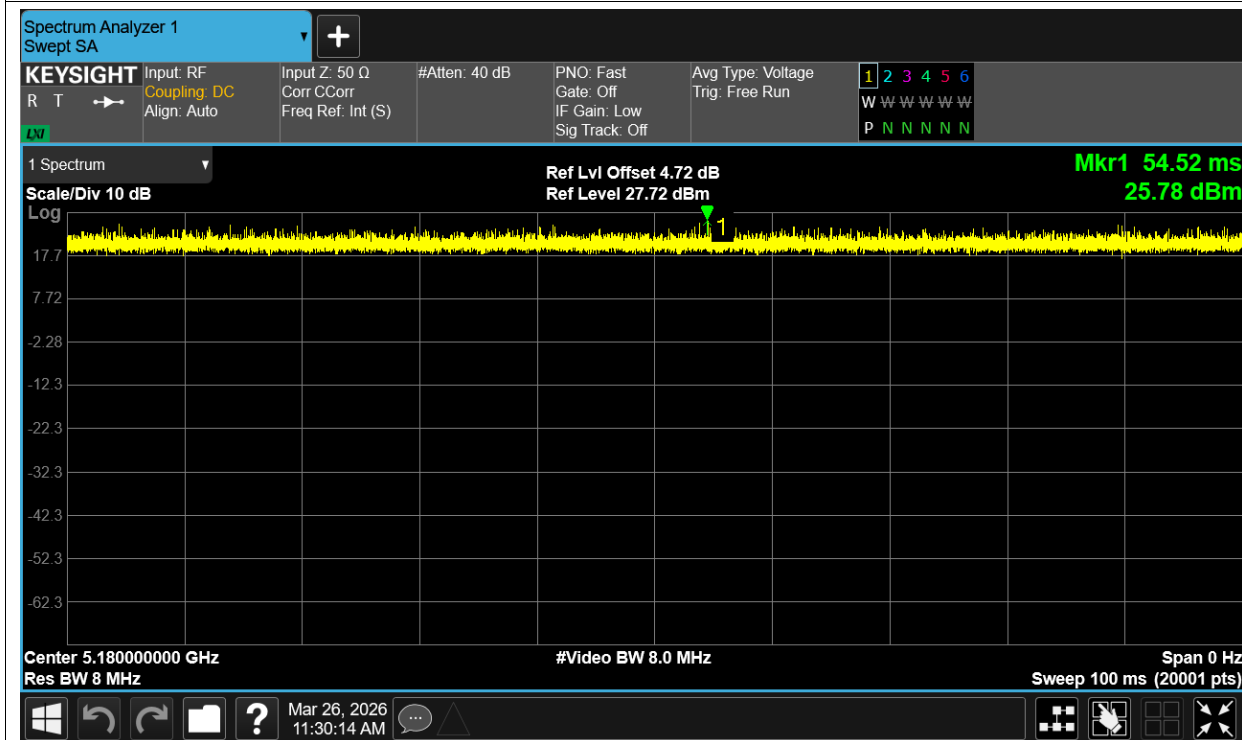


Duty Cycle

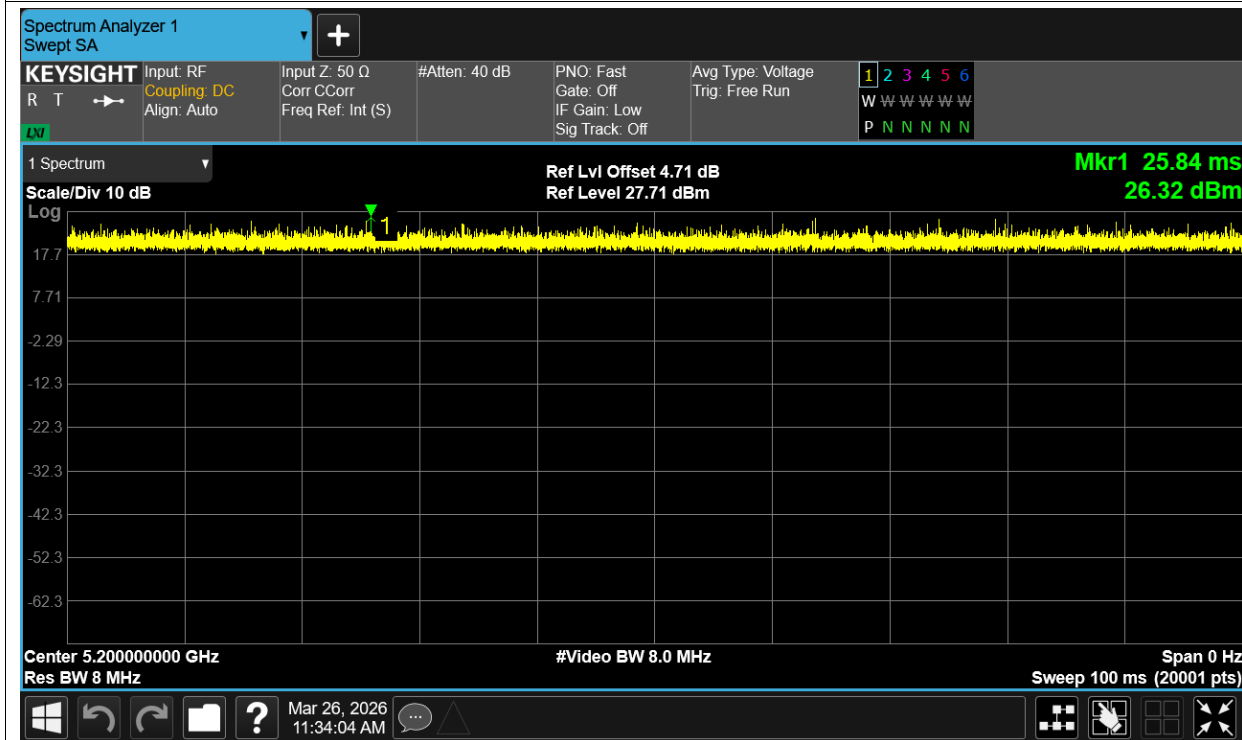
Condition	Mode	Frequency (MHz)	Antenna	Duty Cycle (%)	Correction Factor (dB)
NVNT	a	5180	Ant13	100	0
NVNT	a	5200	Ant13	100	0
NVNT	a	5240	Ant13	100	0
NVNT	ac20	5260	Ant13	100	0
NVNT	ac20	5280	Ant13	100	0
NVNT	ac20	5320	Ant13	100	0
NVNT	ac40	5270	Ant13	100	0
NVNT	ac40	5310	Ant13	100	0
NVNT	ac80	5290	Ant13	100	0
NVNT	ax20	5180	Ant13	100	0
NVNT	ax20	5200	Ant13	100	0
NVNT	ax20	5240	Ant13	100	0
NVNT	ax40	5190	Ant13	100	0
NVNT	ax40	5230	Ant13	100	0
NVNT	ax80	5210	Ant13	100	0
NVNT	n20	5180	Ant13	100	0
NVNT	n20	5200	Ant13	100	0
NVNT	n20	5240	Ant13	100	0
NVNT	n40	5190	Ant13	100	0
NVNT	n40	5230	Ant13	100	0

Test Graphs

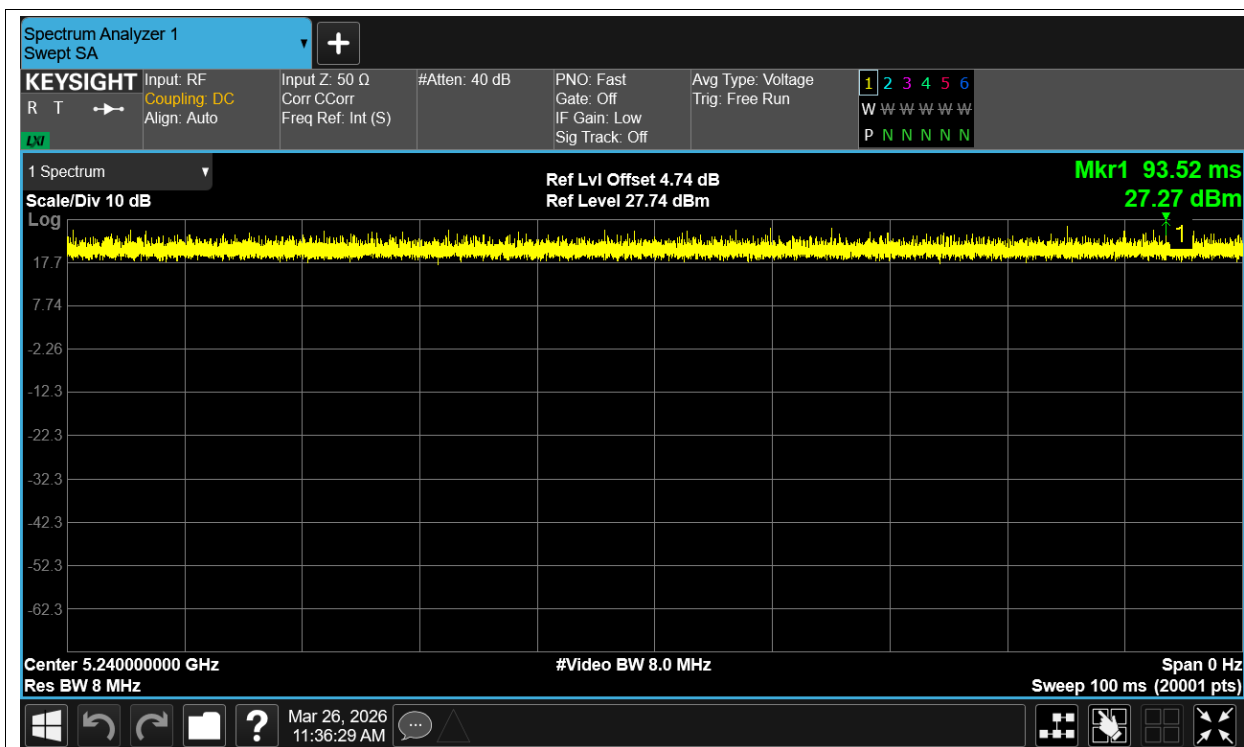
Duty Cycle NVNT a 5180MHz Ant13



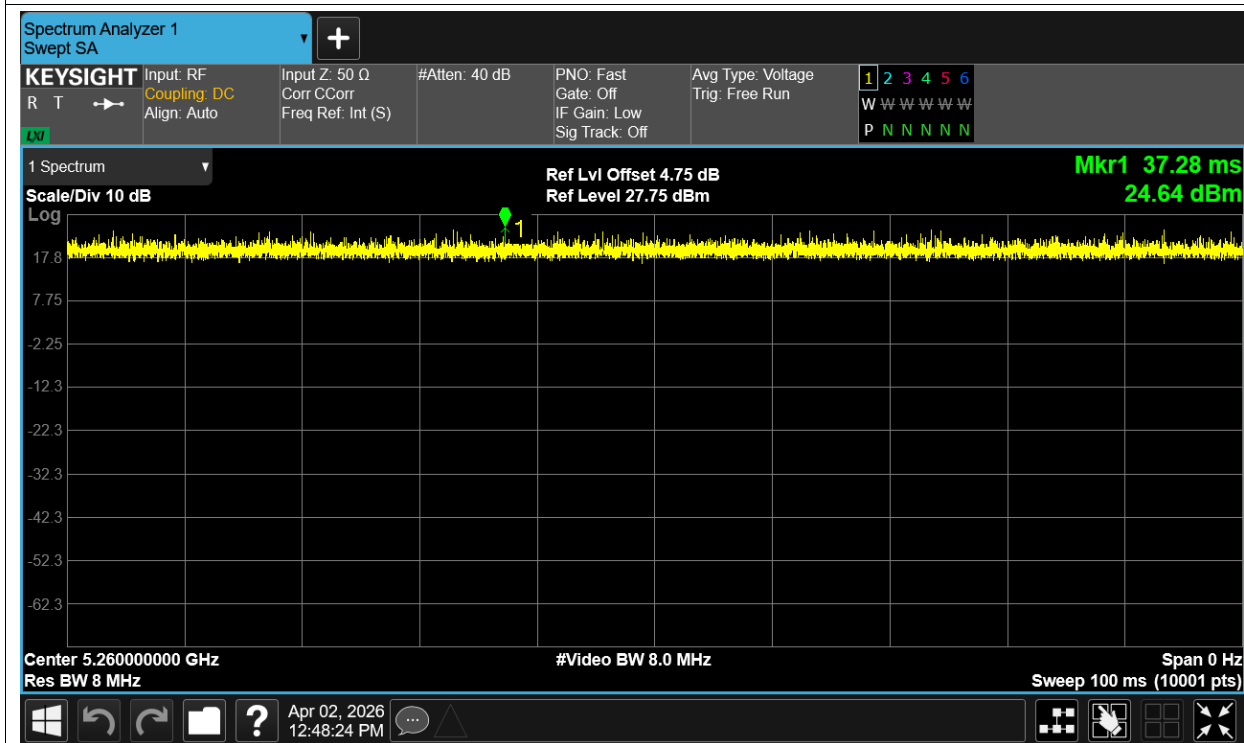
Duty Cycle NVNT a 5200MHz Ant13



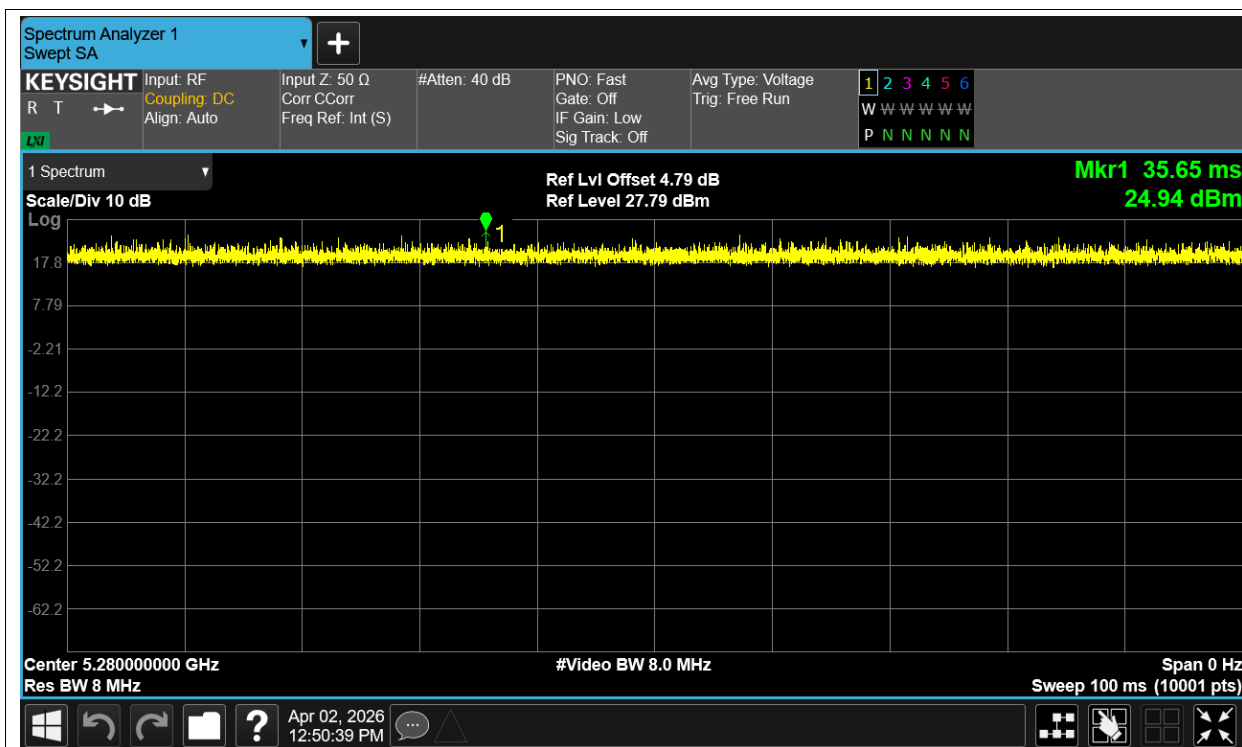
Duty Cycle NVNT a 5240MHz Ant13



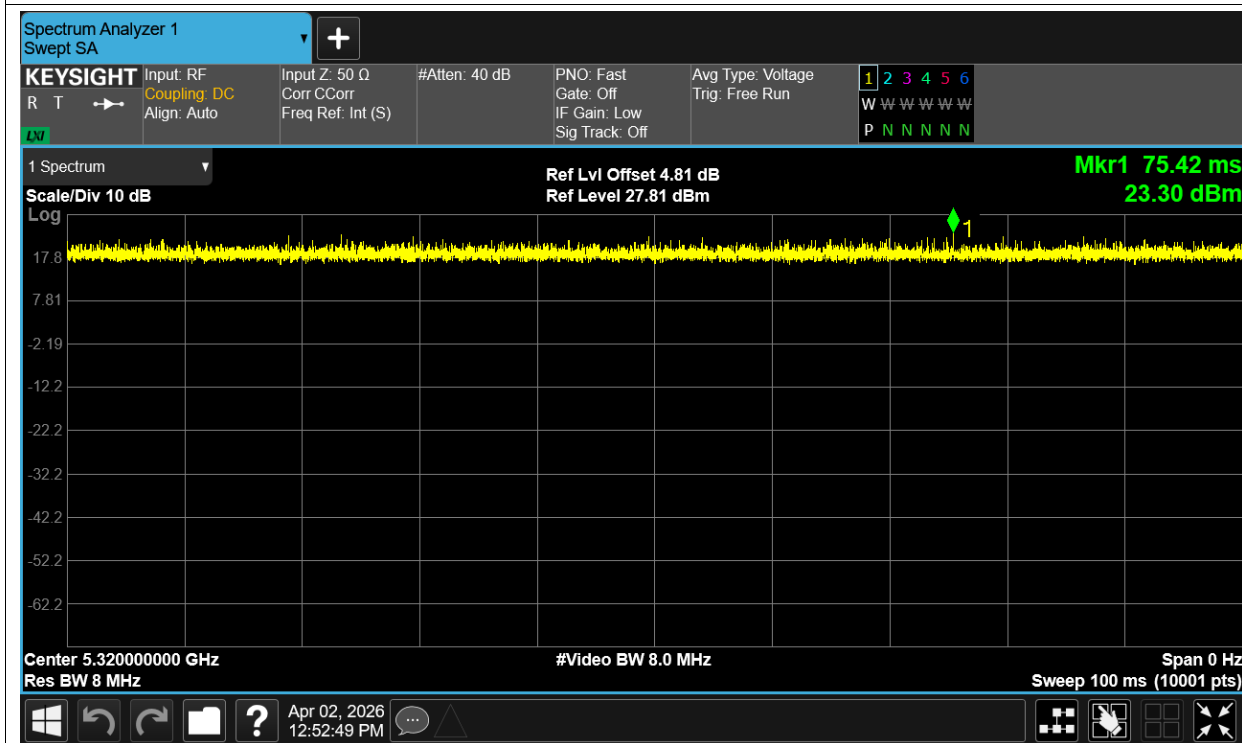
Duty Cycle NVNT ac20 5260MHz Ant13



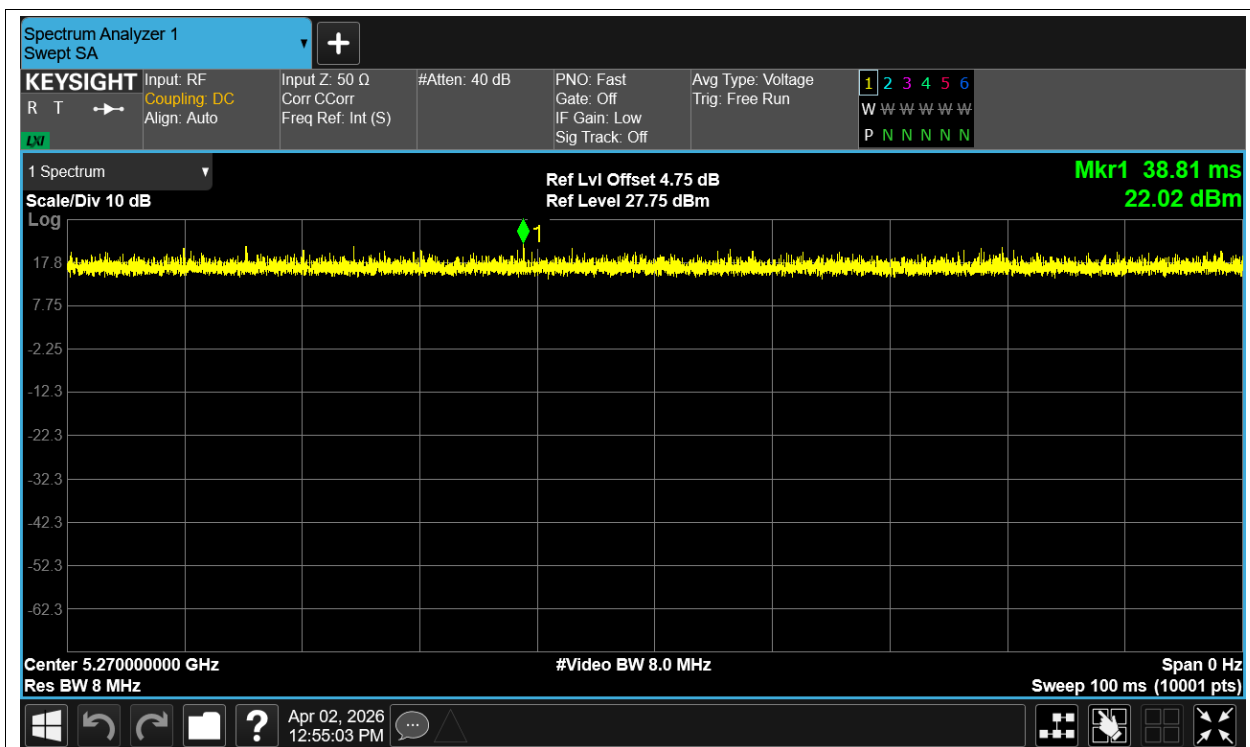
Duty Cycle NVNT ac20 5280MHz Ant13



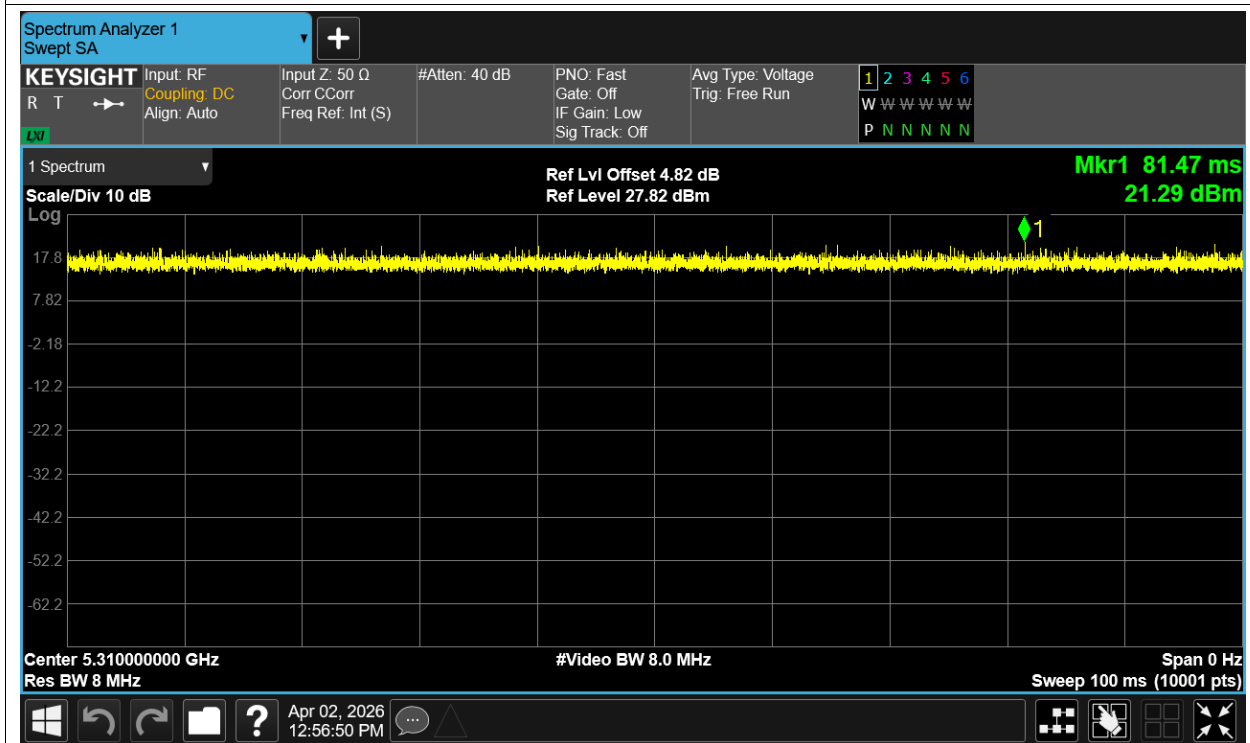
Duty Cycle NVNT ac20 5320MHz Ant13



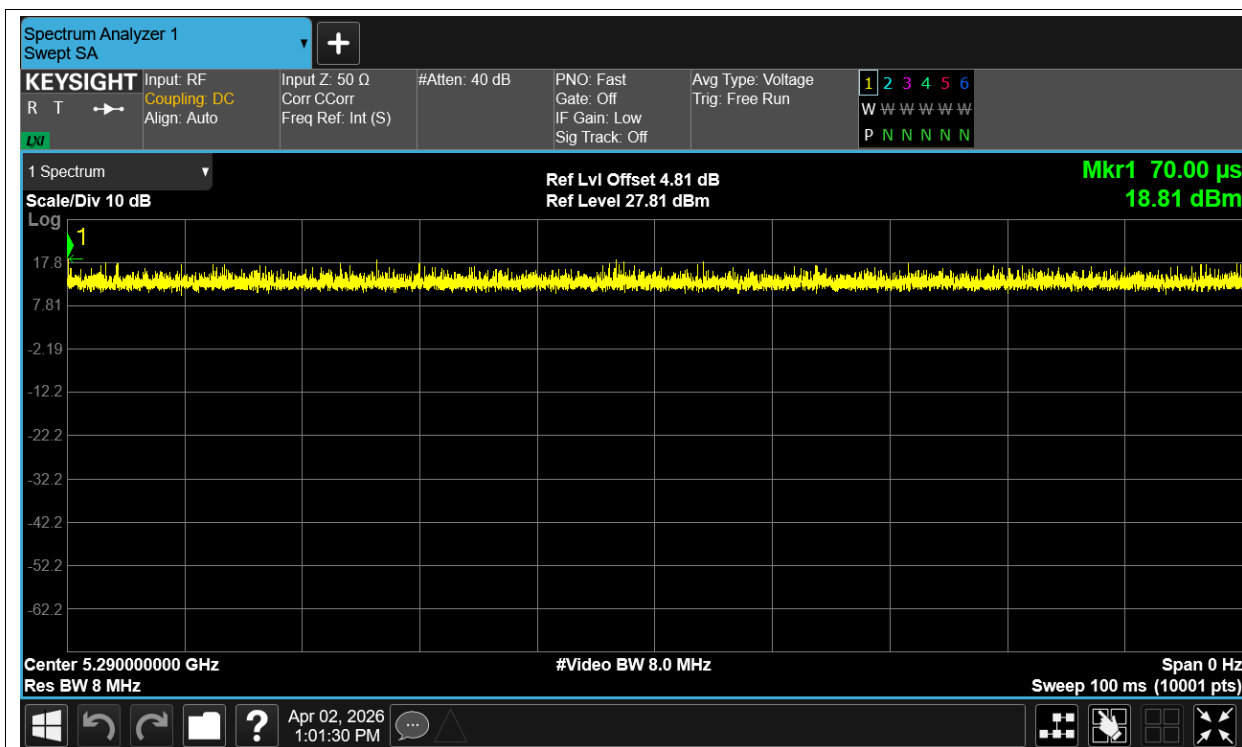
Duty Cycle NVNT ac40 5270MHz Ant13



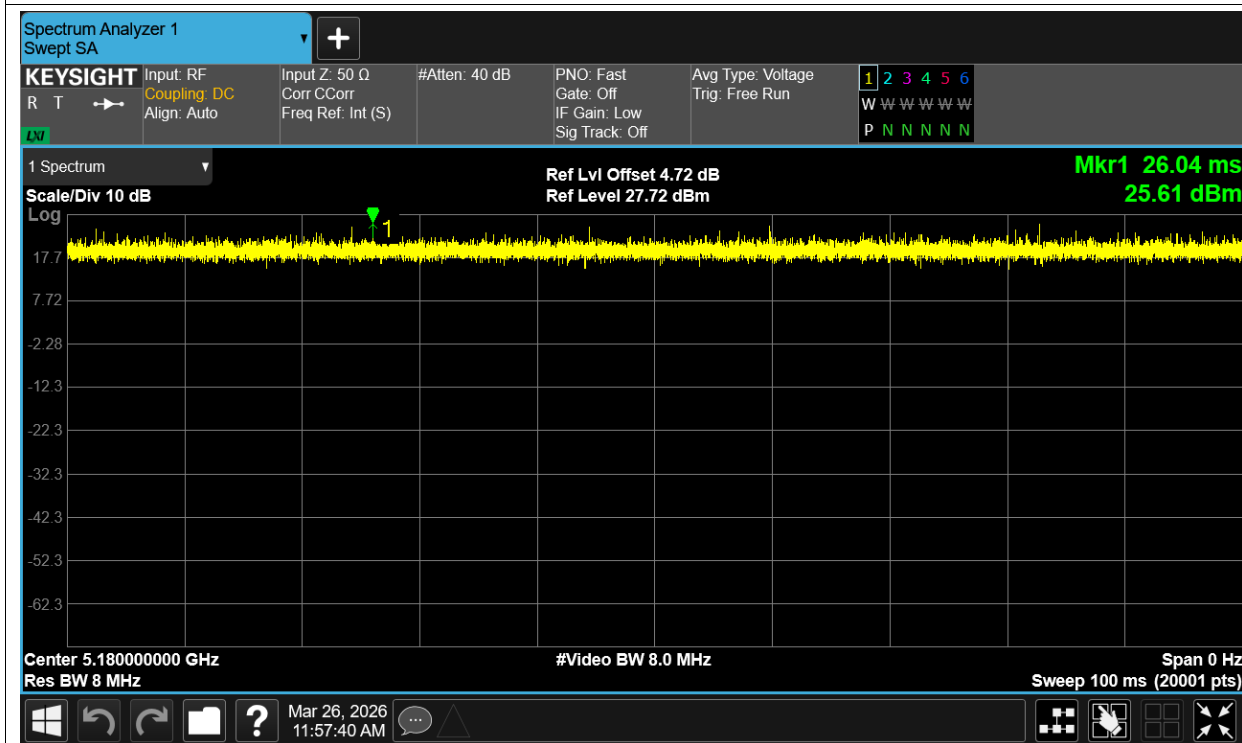
Duty Cycle NVNT ac40 5310MHz Ant13



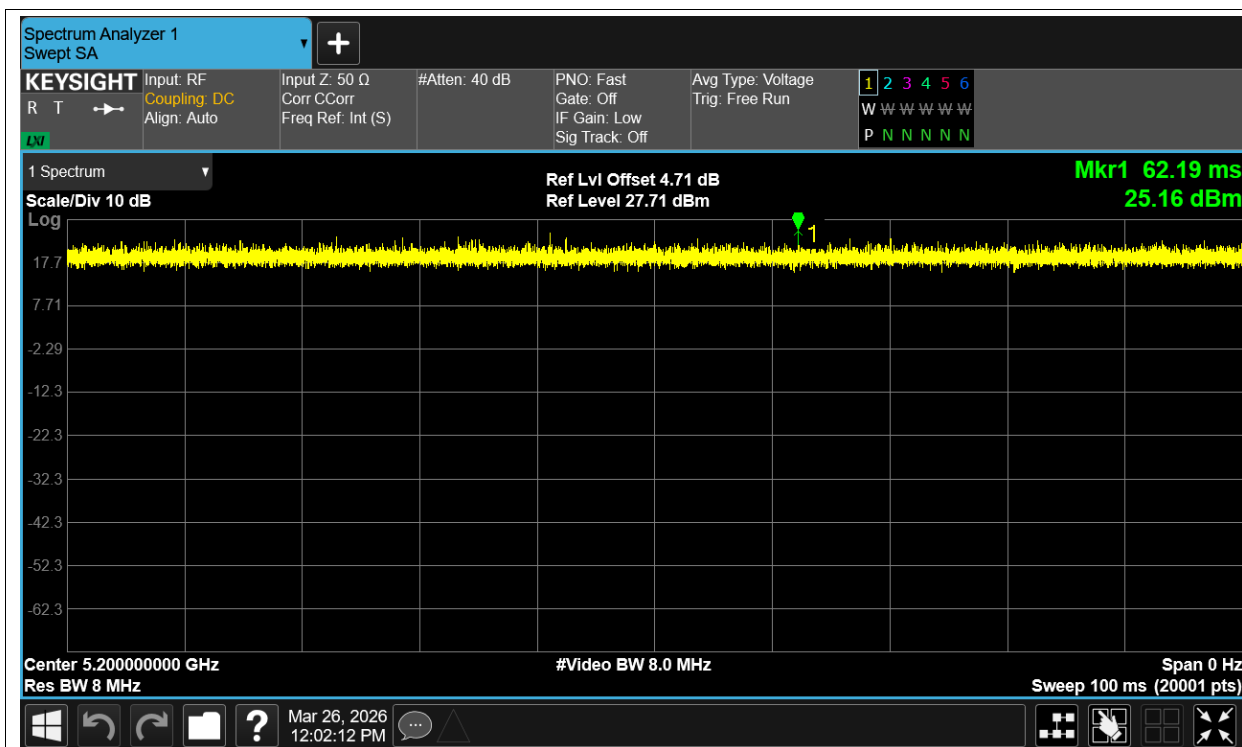
Duty Cycle NVNT ac80 5290MHz Ant13



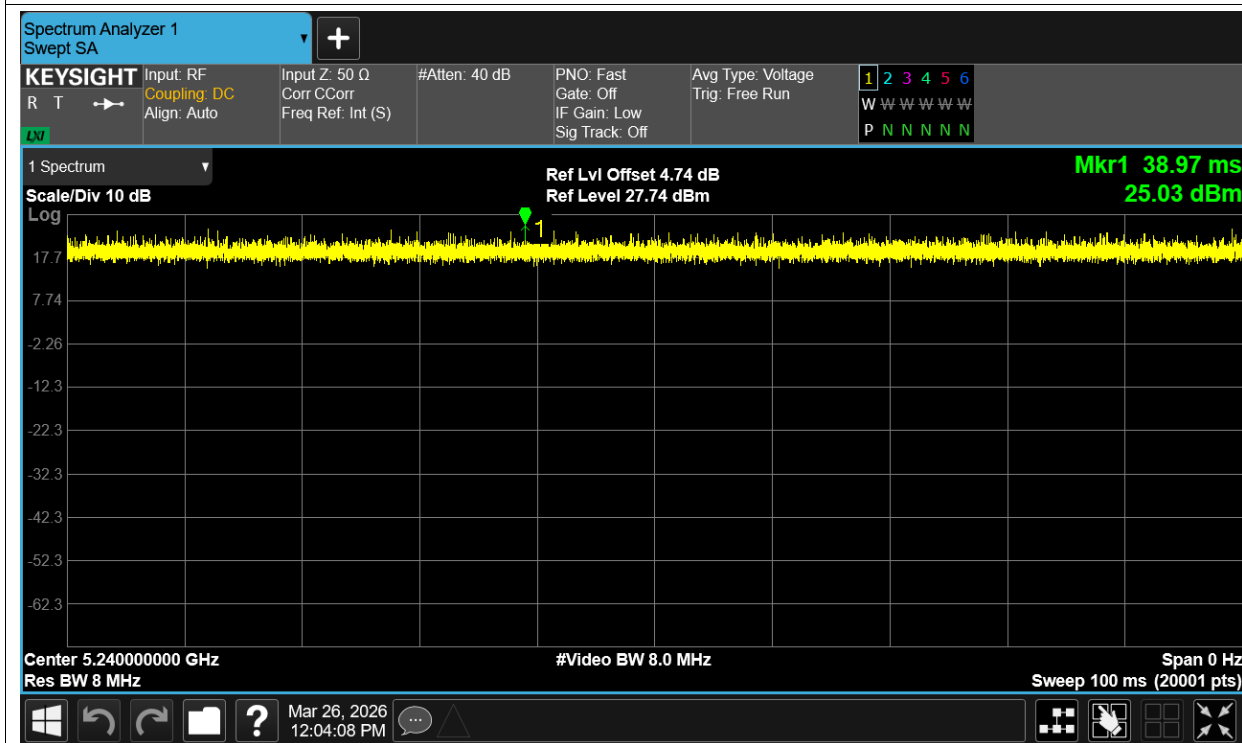
Duty Cycle NVNT ax20 5180MHz Ant13



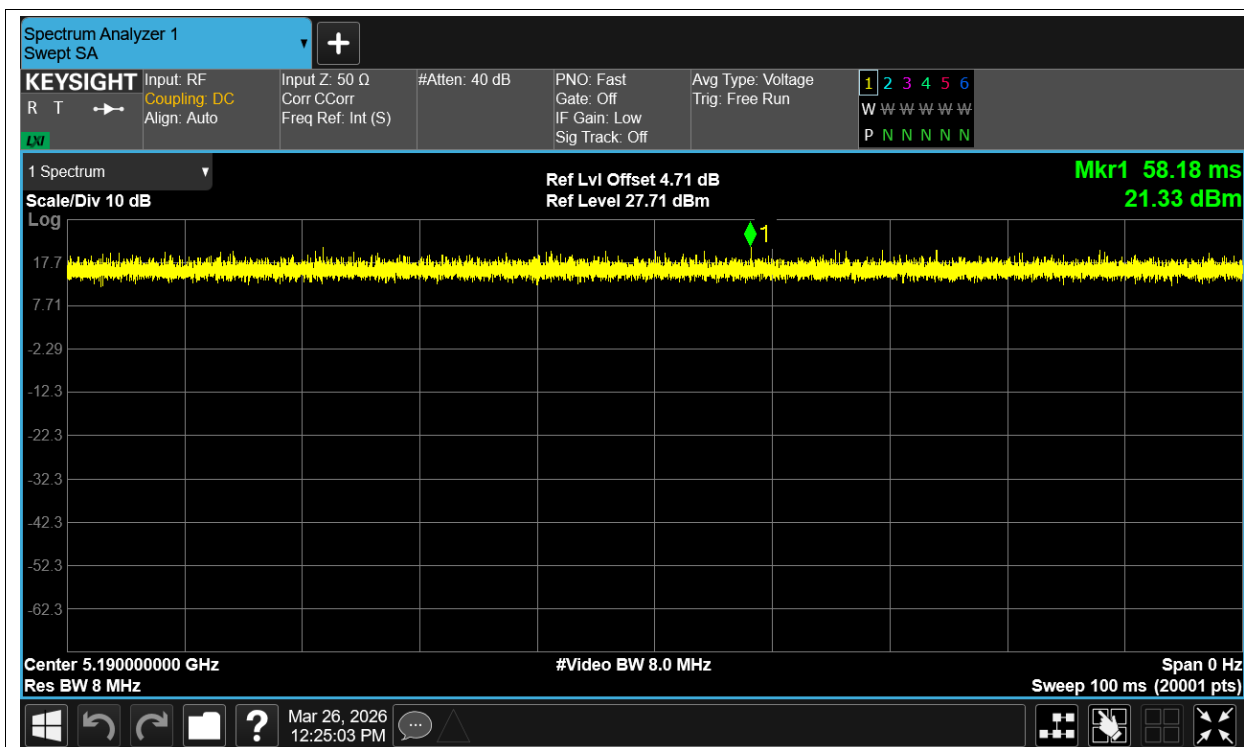
Duty Cycle NVNT ax20 5200MHz Ant13



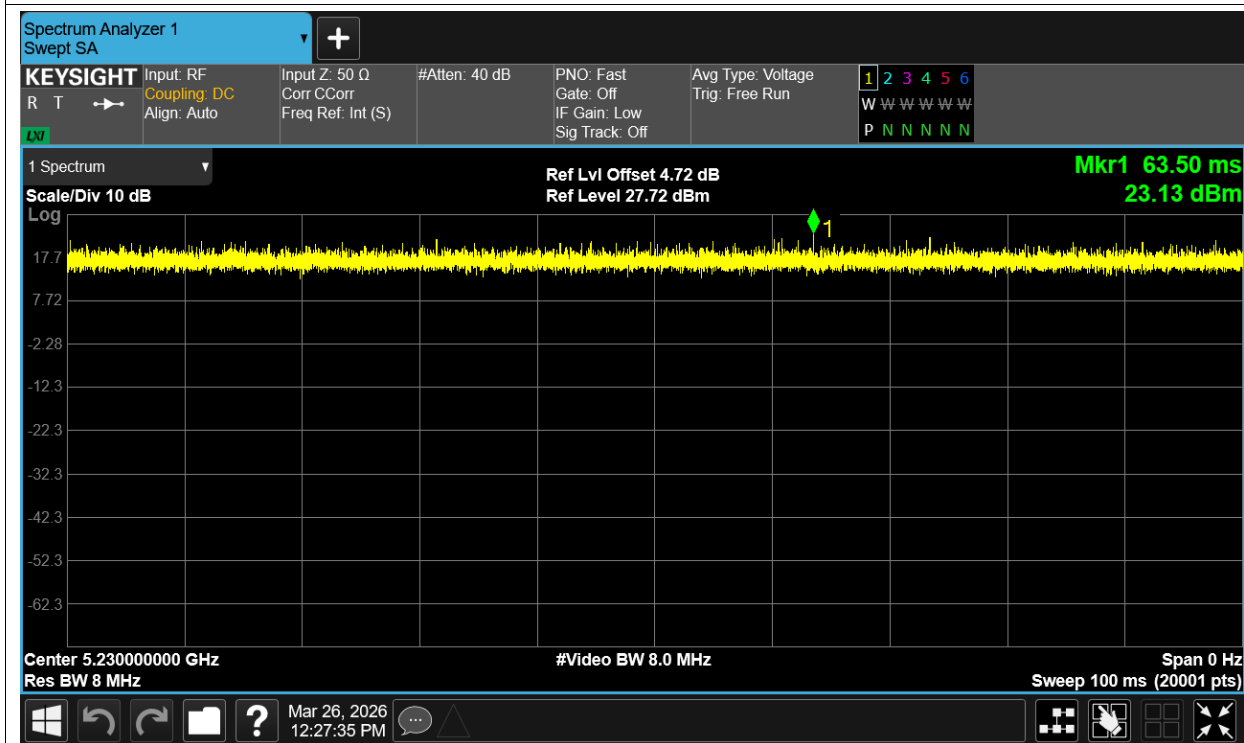
Duty Cycle NVNT ax20 5240MHz Ant13



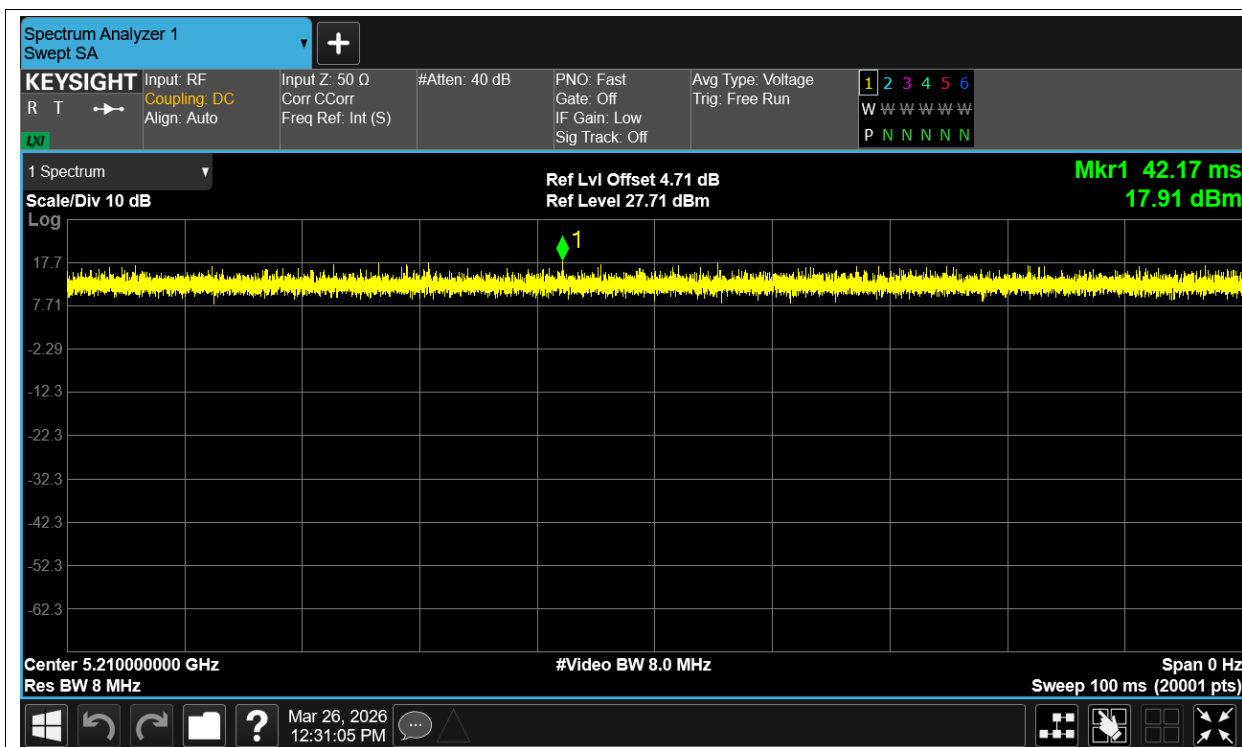
Duty Cycle NVNT ax40 5190MHz Ant13



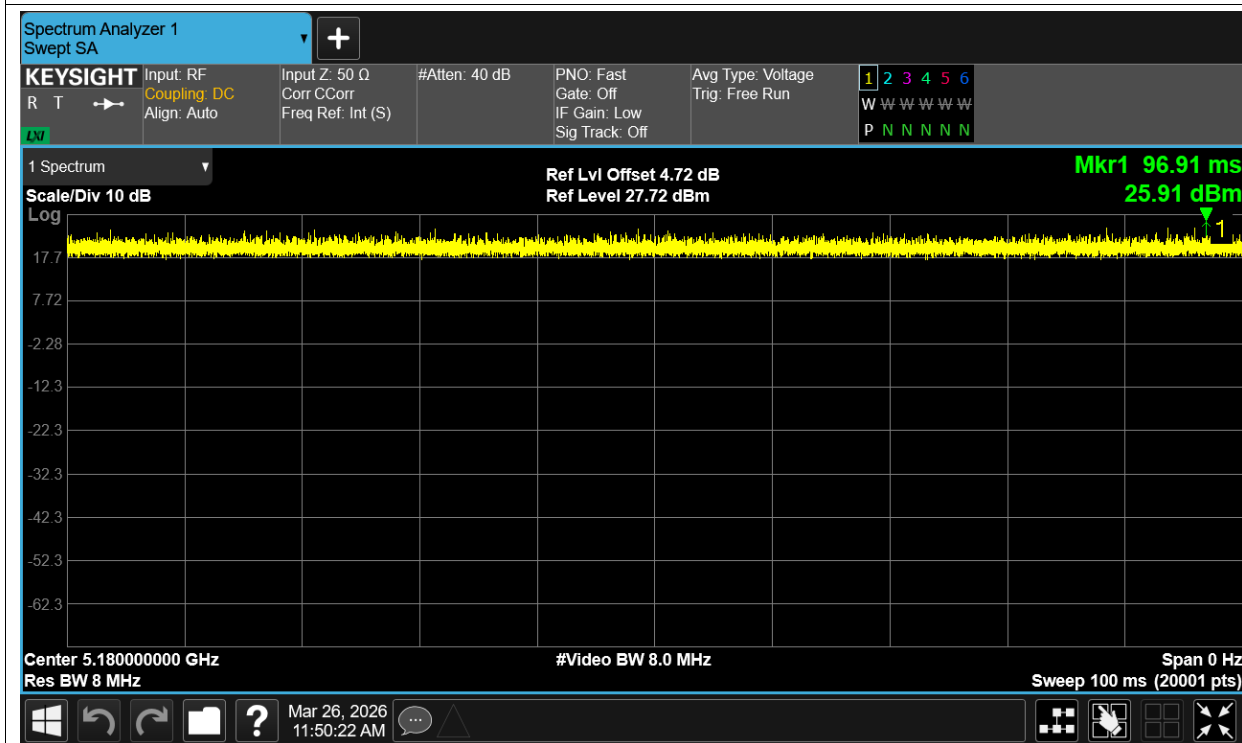
Duty Cycle NVNT ax40 5230MHz Ant13



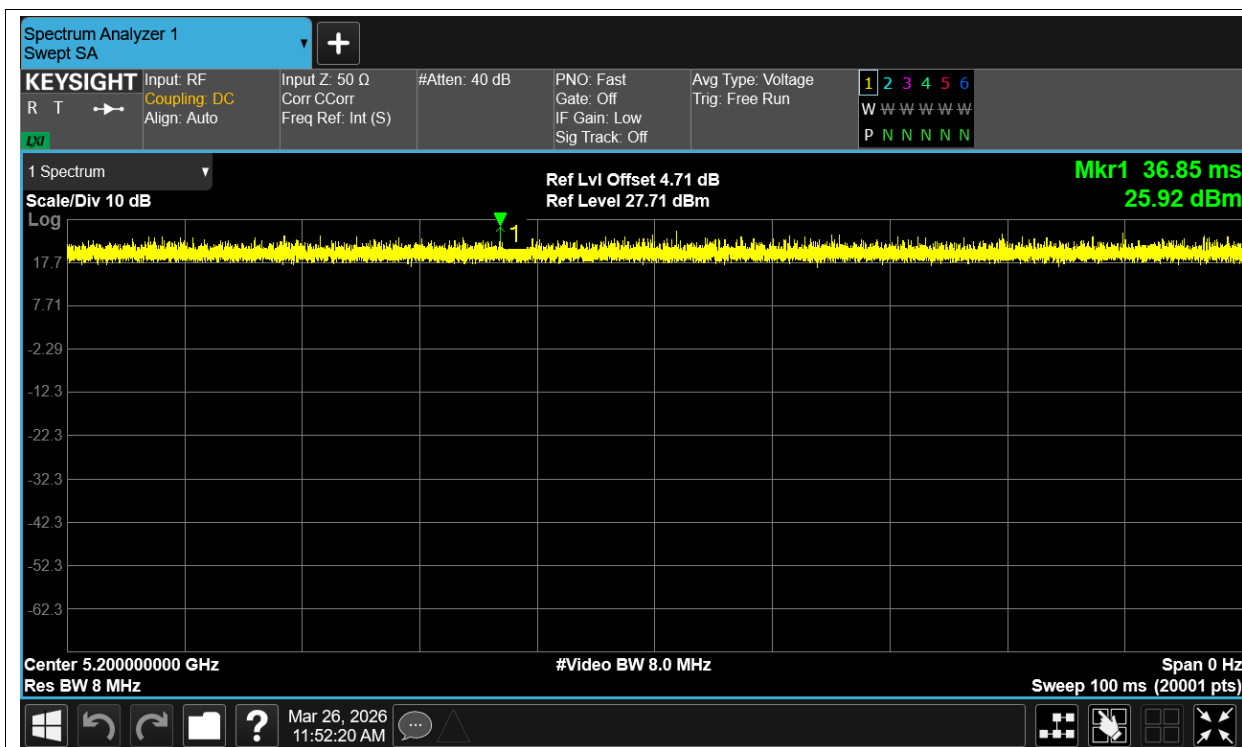
Duty Cycle NVNT ax80 5210MHz Ant13



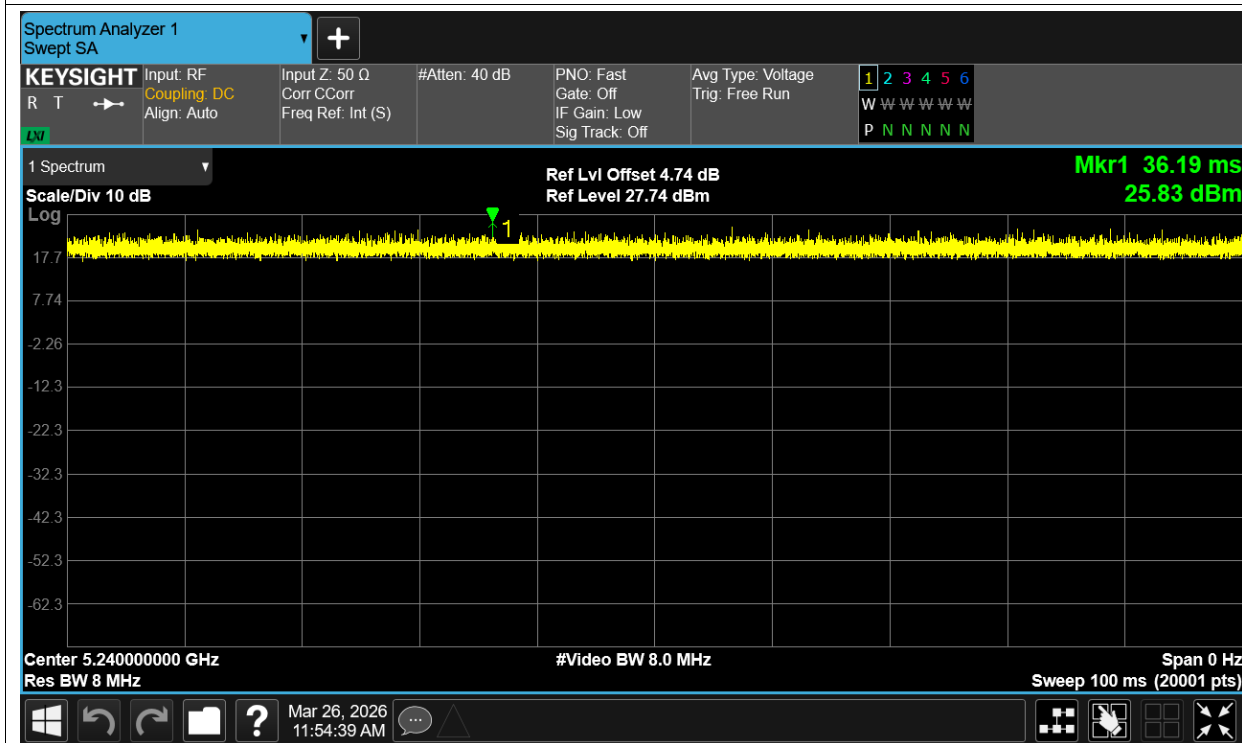
Duty Cycle NVNT n20 5180MHz Ant13



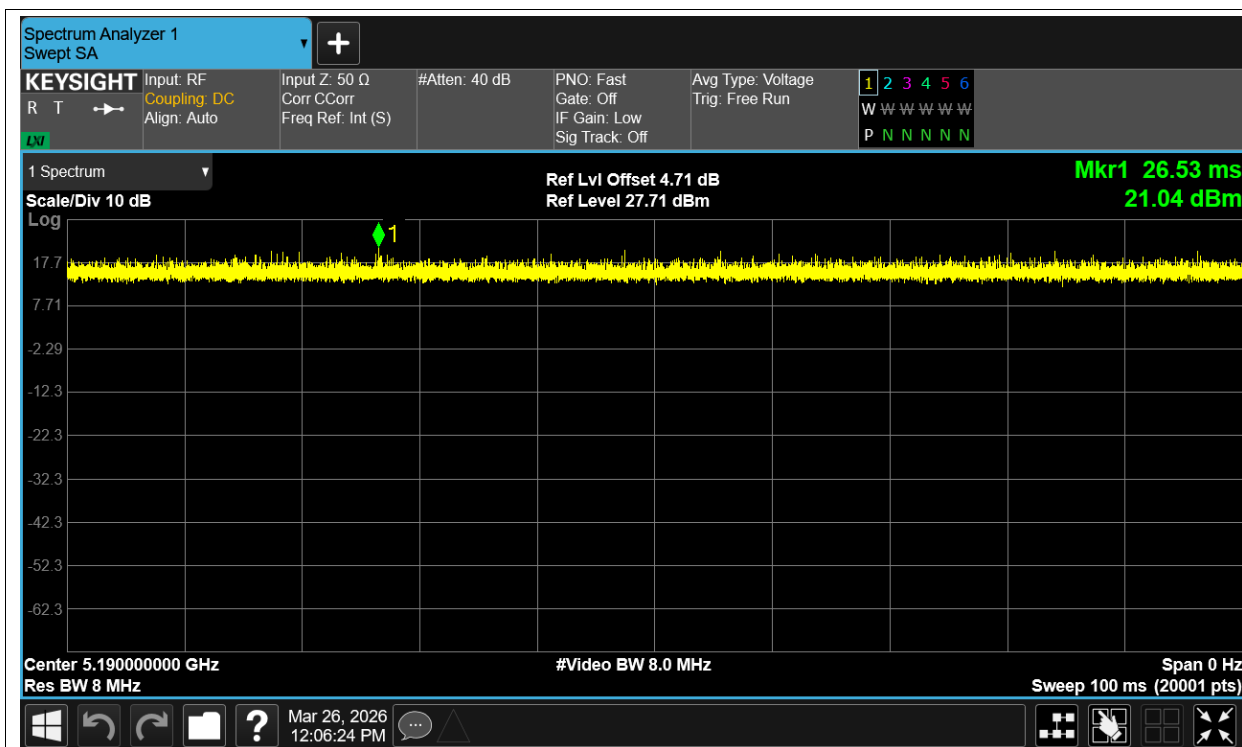
Duty Cycle NVNT n20 5200MHz Ant13



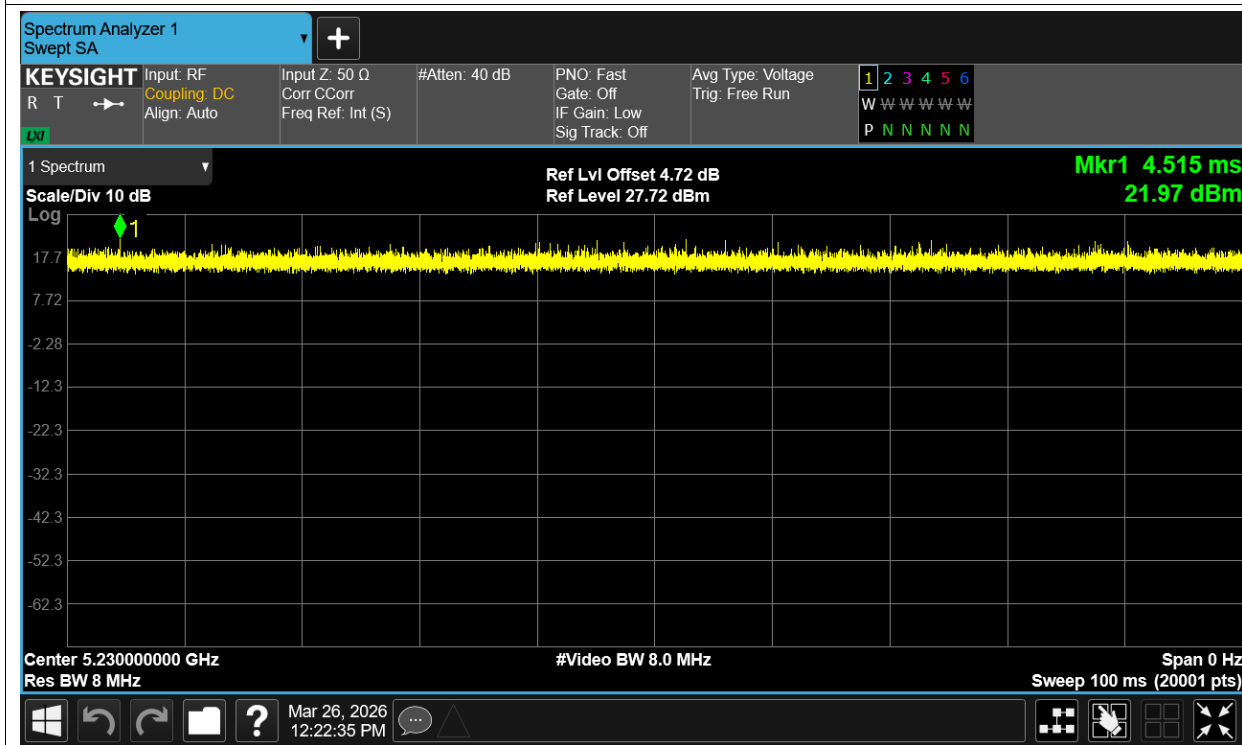
Duty Cycle NVNT n20 5240MHz Ant13



Duty Cycle NVNT n40 5190MHz Ant13



Duty Cycle NVNT n40 5230MHz Ant13



Maximum Conducted Output Power

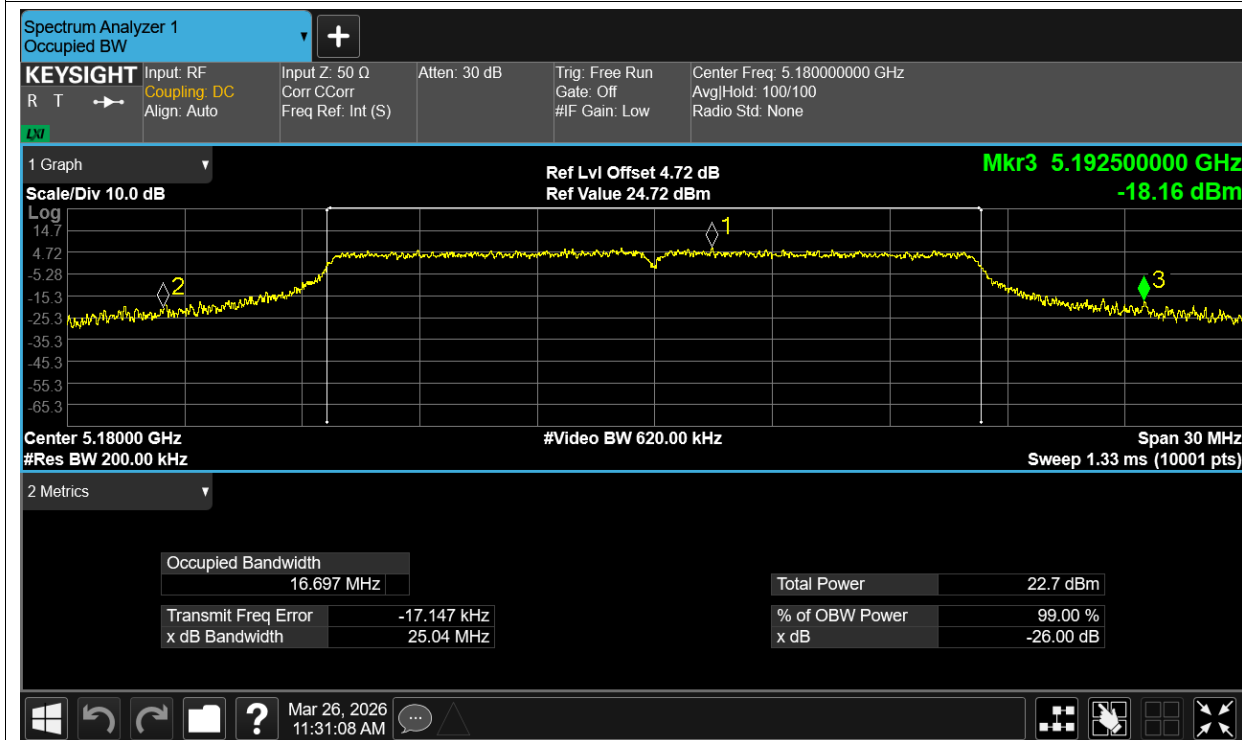
Condition	Mode	Frequency (MHz)	Antenna	Conducted Power (dBm)	Duty Factor (dB)	Total Power (dBm)	Limit (dBm)	Verdict
NVNT	a	5180	Ant13	16.94	0	16.94	24	Pass
NVNT	a	5200	Ant13	17.09	0	17.09	24	Pass
NVNT	a	5240	Ant13	16.55	0	16.55	24	Pass
NVNT	ac20	5260	Ant13	15.51	0	15.51	24	Pass
NVNT	ac20	5280	Ant13	15.65	0	15.65	24	Pass
NVNT	ac20	5320	Ant13	15.23	0	15.23	24	Pass
NVNT	ac40	5270	Ant13	15.39	0	15.39	24	Pass
NVNT	ac40	5310	Ant13	15.39	0	15.39	24	Pass
NVNT	ac80	5290	Ant13	15.27	0	15.27	24	Pass
NVNT	ax20	5180	Ant13	15.82	0	15.82	24	Pass
NVNT	ax20	5200	Ant13	16.28	0	16.28	24	Pass
NVNT	ax20	5240	Ant13	15.65	0	15.65	24	Pass
NVNT	ax40	5190	Ant13	16.36	0	16.36	24	Pass
NVNT	ax40	5230	Ant13	15.83	0	15.83	24	Pass
NVNT	ax80	5210	Ant13	15.92	0	15.92	24	Pass
NVNT	n20	5180	Ant13	16.44	0	16.44	24	Pass
NVNT	n20	5200	Ant13	16.99	0	16.99	24	Pass
NVNT	n20	5240	Ant13	16.29	0	16.29	24	Pass
NVNT	n40	5190	Ant13	16.01	0	16.01	24	Pass
NVNT	n40	5230	Ant13	15.74	0	15.74	24	Pass

-26dB Bandwidth

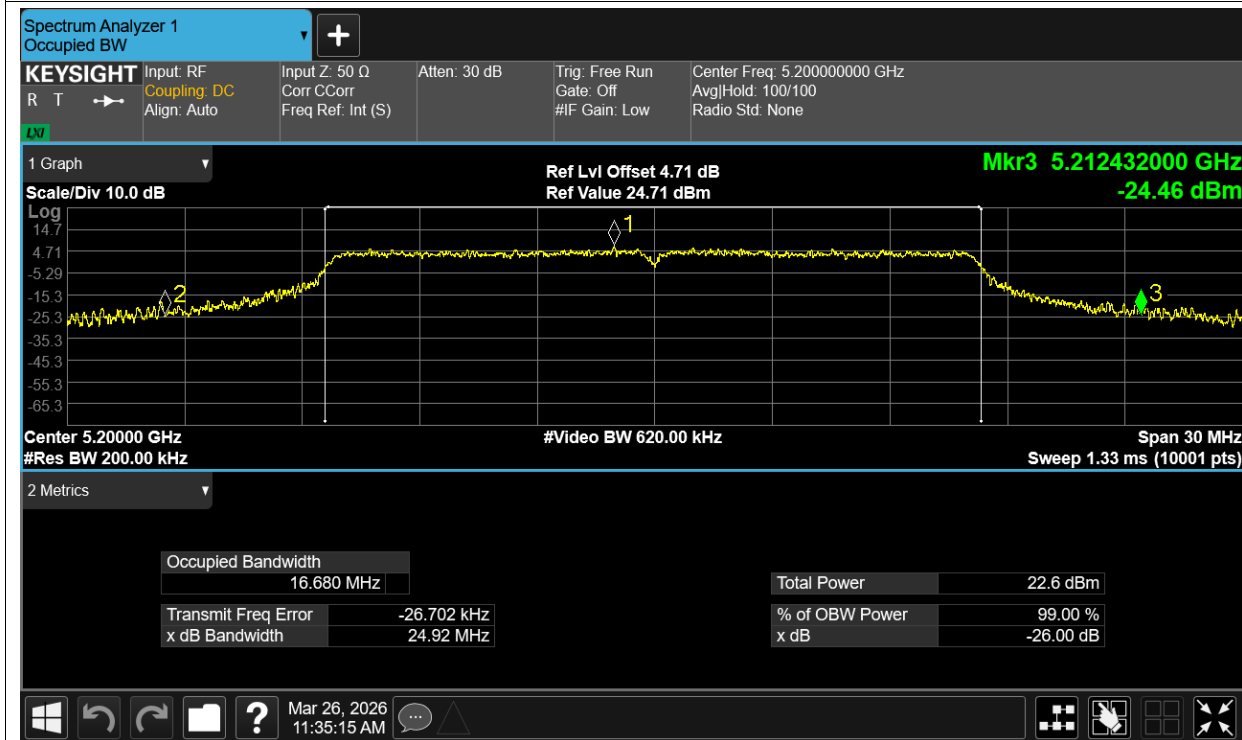
Condition	Mode	Frequency (MHz)	Antenna	-26 dB Bandwidth (MHz)
NVNT	a	5180	Ant13	25.035
NVNT	a	5200	Ant13	24.917
NVNT	a	5240	Ant13	22.699
NVNT	ac20	5260	Ant13	26.929
NVNT	ac20	5280	Ant13	23.734
NVNT	ac20	5320	Ant13	23.361
NVNT	ac40	5270	Ant13	40.917
NVNT	ac40	5310	Ant13	41.005
NVNT	ac80	5290	Ant13	89.062
NVNT	ax20	5180	Ant13	23.487
NVNT	ax20	5200	Ant13	25.184
NVNT	ax20	5240	Ant13	24.107
NVNT	ax40	5190	Ant13	39.373
NVNT	ax40	5230	Ant13	39.495
NVNT	ax80	5210	Ant13	79.961
NVNT	n20	5180	Ant13	25.719
NVNT	n20	5200	Ant13	25.852
NVNT	n20	5240	Ant13	23.681
NVNT	n40	5190	Ant13	40.734
NVNT	n40	5230	Ant13	40.49

Test Graphs

-26dB Bandwidth NVNT a 5180MHz Ant13



-26dB Bandwidth NVNT a 5200MHz Ant13



-26dB Bandwidth NVNT a 5240MHz Ant13