

Test Data

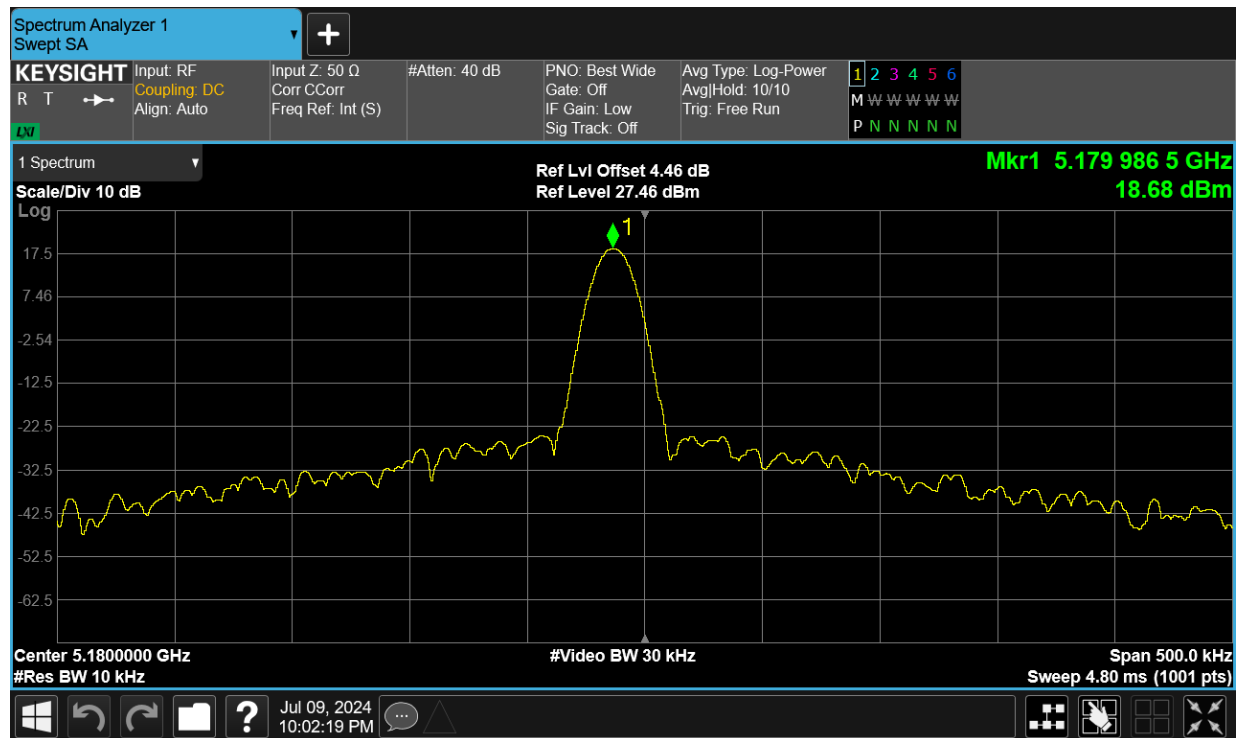
Frequency Stability

Condition	Mode	Frequency (MHz)	Antenna	Measured Frequency (MHz)	Deviation (ppm)	Limit (ppm)	Verdict
HVNT	a	5180	Ant13	5179.9865	-2.61	Within authorized band	Pass
LVNT	a	5180	Ant13	5179.9865	-2.61		Pass
NVHT	a	5180	Ant13	5179.987	-2.51		Pass
NVLT	a	5180	Ant13	5179.987	-2.51		Pass
NVNT	a	5180	Ant13	5179.987	-2.51		Pass
HVNT	ac80	5210	Ant13	5209.986	-2.69		Pass
LVNT	ac80	5210	Ant13	5209.9855	-2.78		Pass
NVHT	ac80	5210	Ant13	5209.9855	-2.78		Pass
NVLT	ac80	5210	Ant13	5209.986	-2.69		Pass
NVNT	ac80	5210	Ant13	5209.986291127	-2.63		Pass
HVNT	n40	5190	Ant13	5189.9865	-2.6		Pass
LVNT	n40	5190	Ant13	5189.9865	-2.6		Pass
NVHT	n40	5190	Ant13	5189.9865	-2.6		Pass
NVLT	n40	5190	Ant13	5189.9865	-2.6		Pass
NVNT	n40	5190	Ant13	5189.987	-2.5		Pass

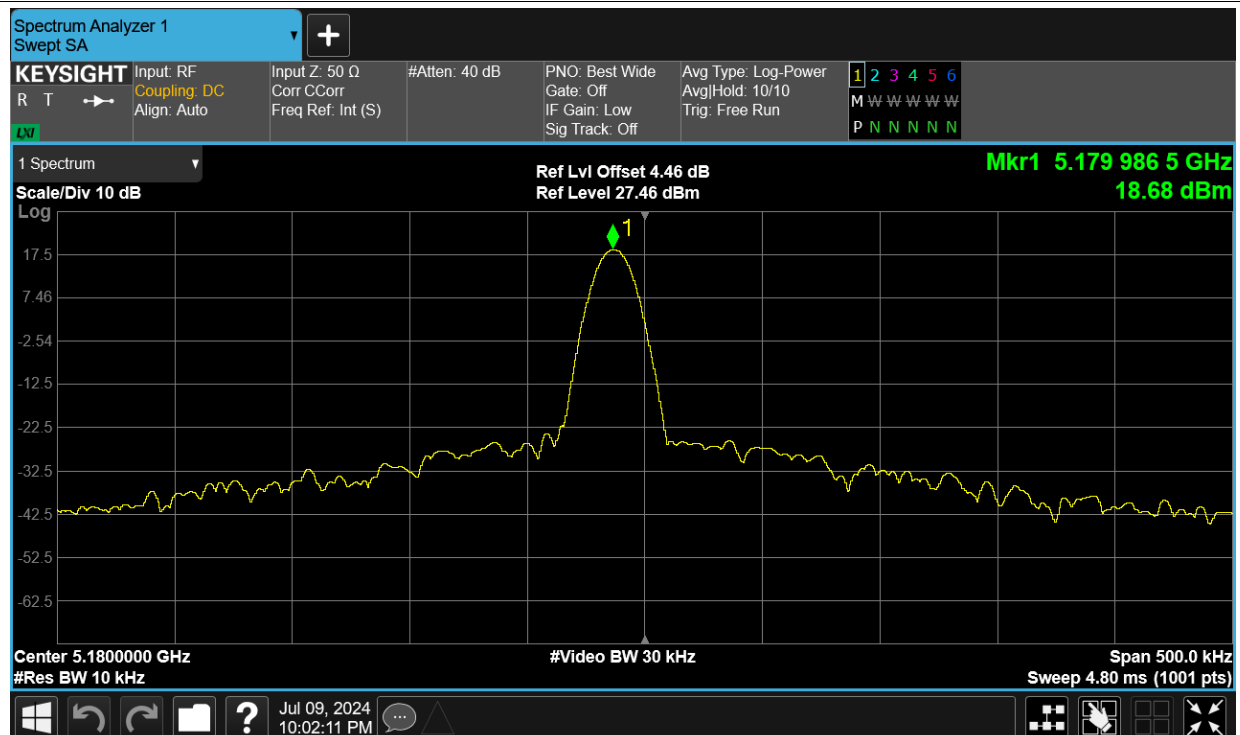
Remark: "NTNV" means Normal Temperature Normal Voltage, "NVHT" means Normal Voltage High Temperature, "NVLT" means Normal Voltage Low Temperature, "LVNT" means Low Voltage Normal Temperature, "HVNT" means High Voltage Normal Temperature.

Test Graphs

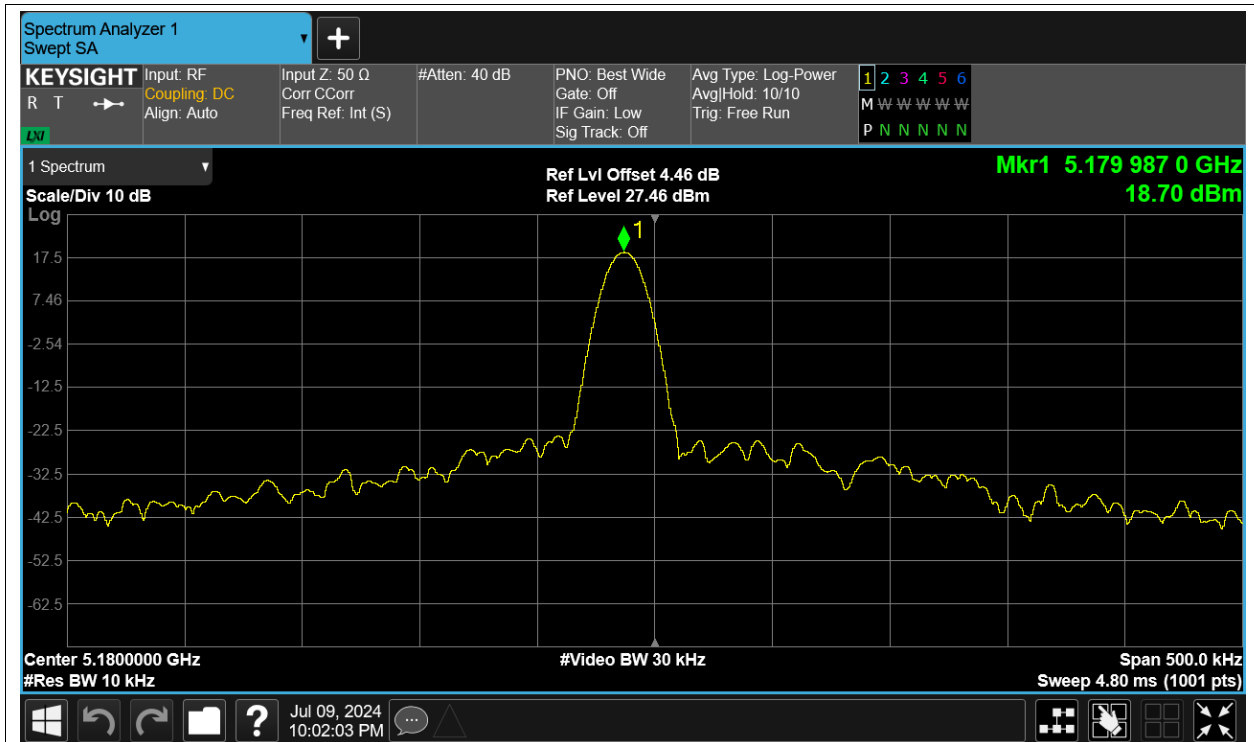
Freq. Stability HVNT a 5180MHz Ant13



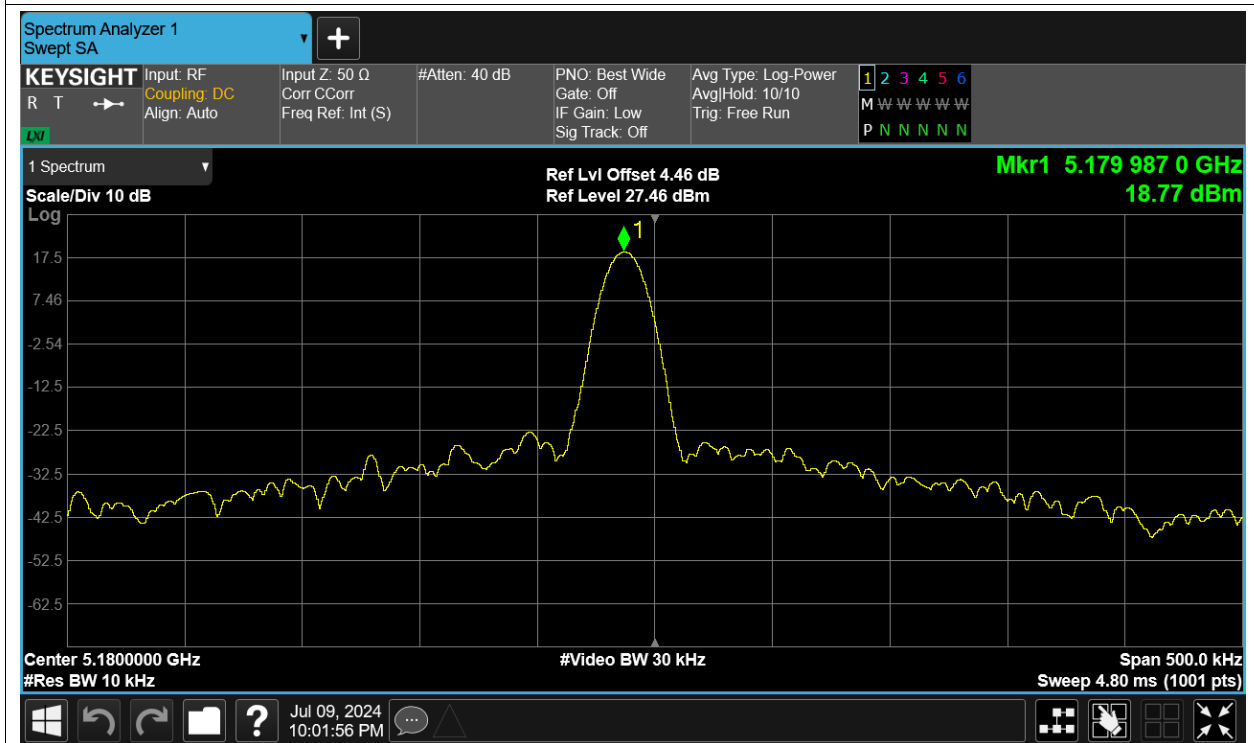
Freq. Stability LVNT a 5180MHz Ant13



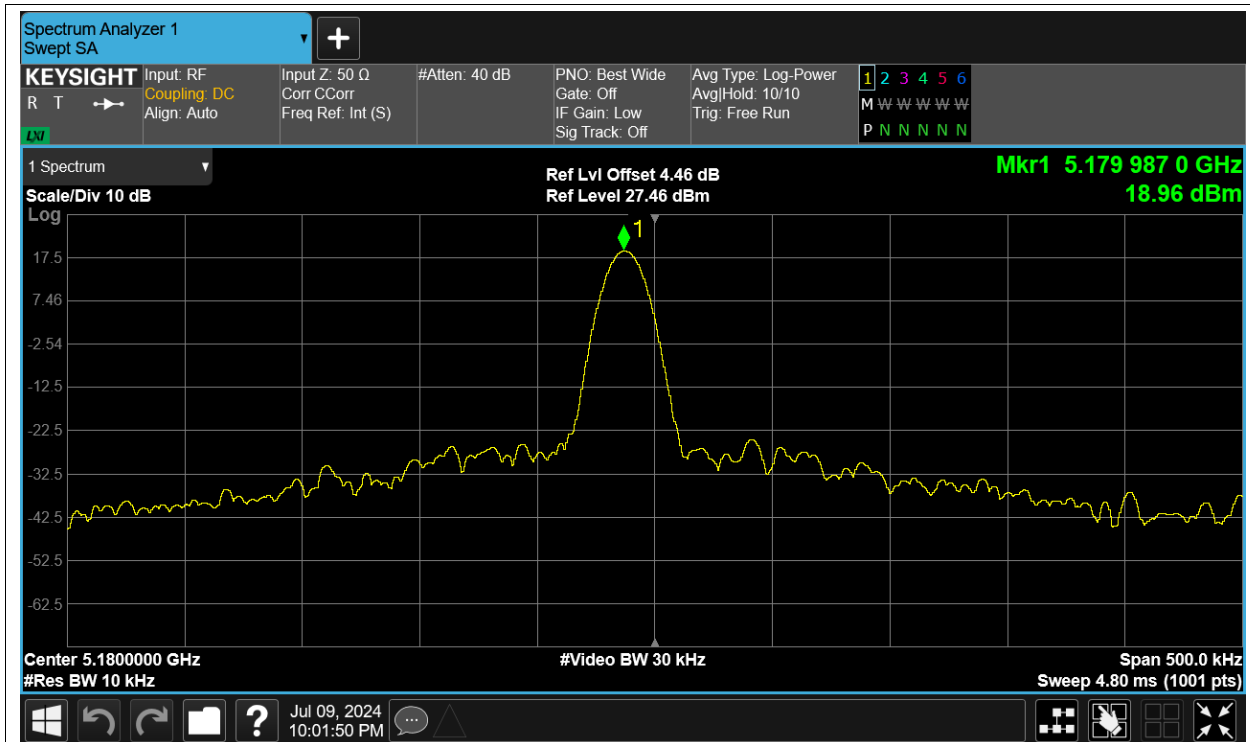
Freq. Stability NVHT a 5180MHz Ant13



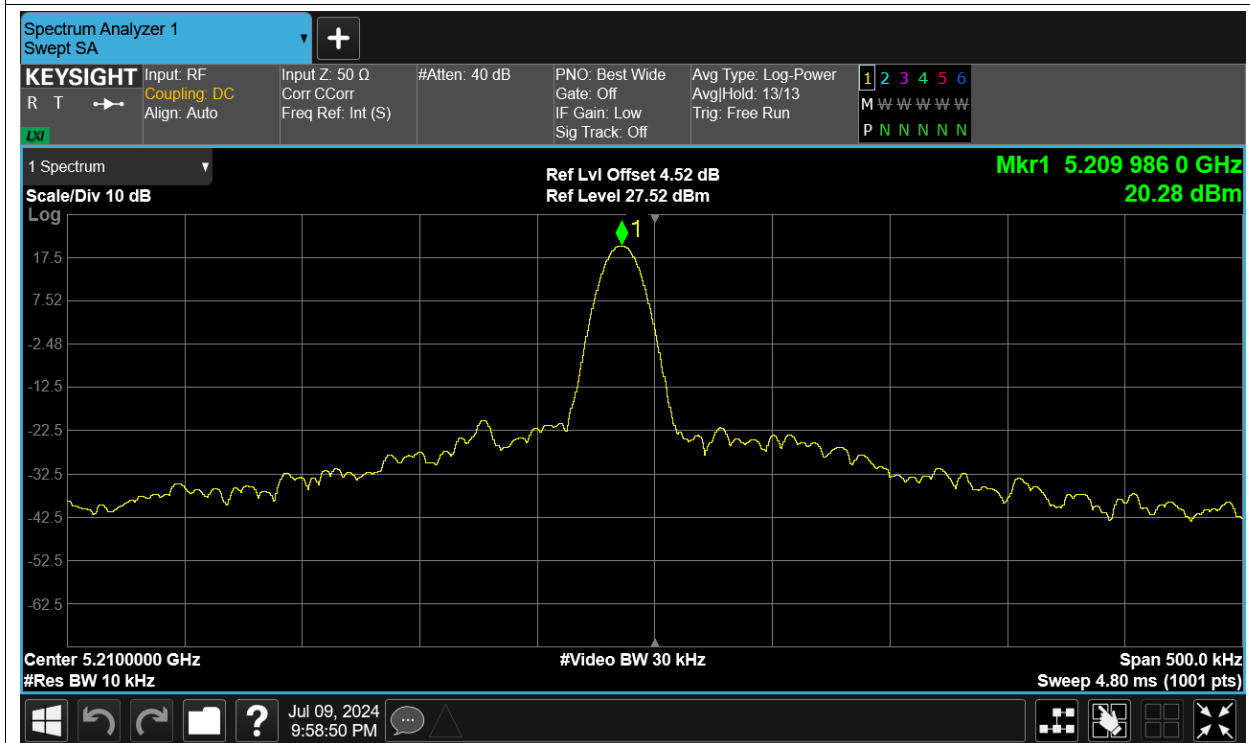
Freq. Stability NVLT a 5180MHz Ant13



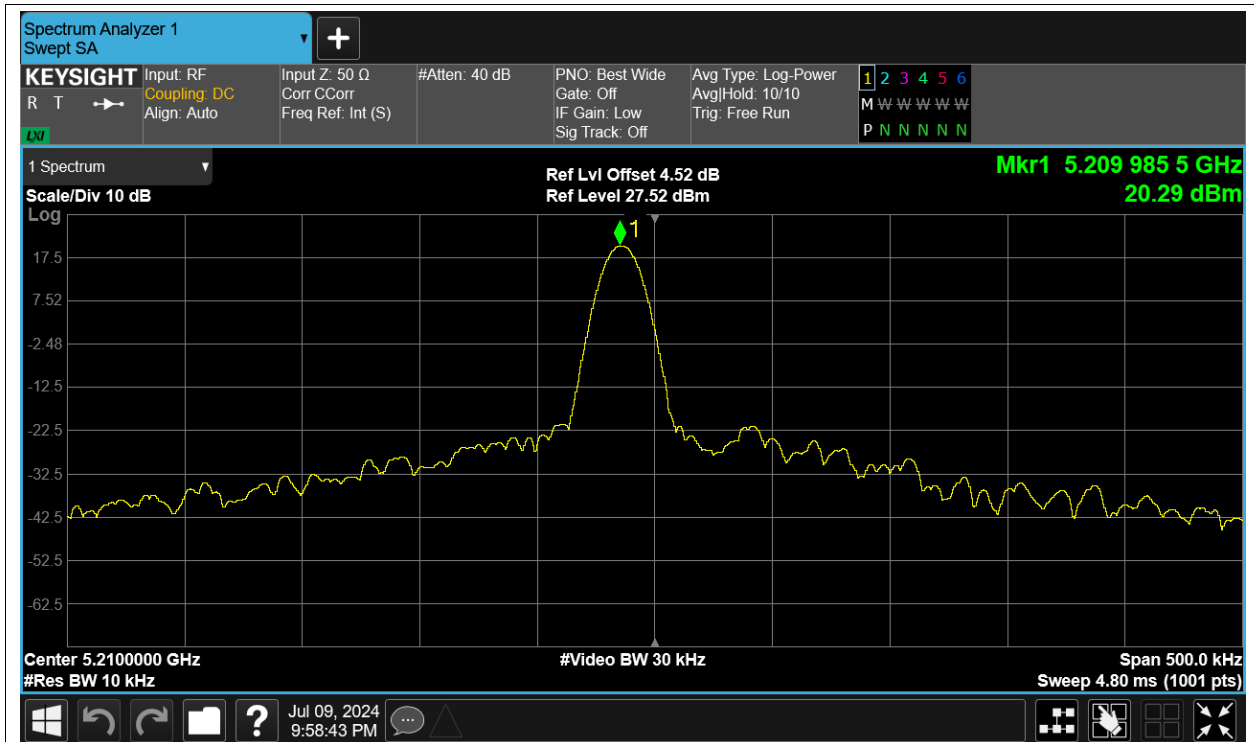
Freq. Stability NVNT a 5180MHz Ant13



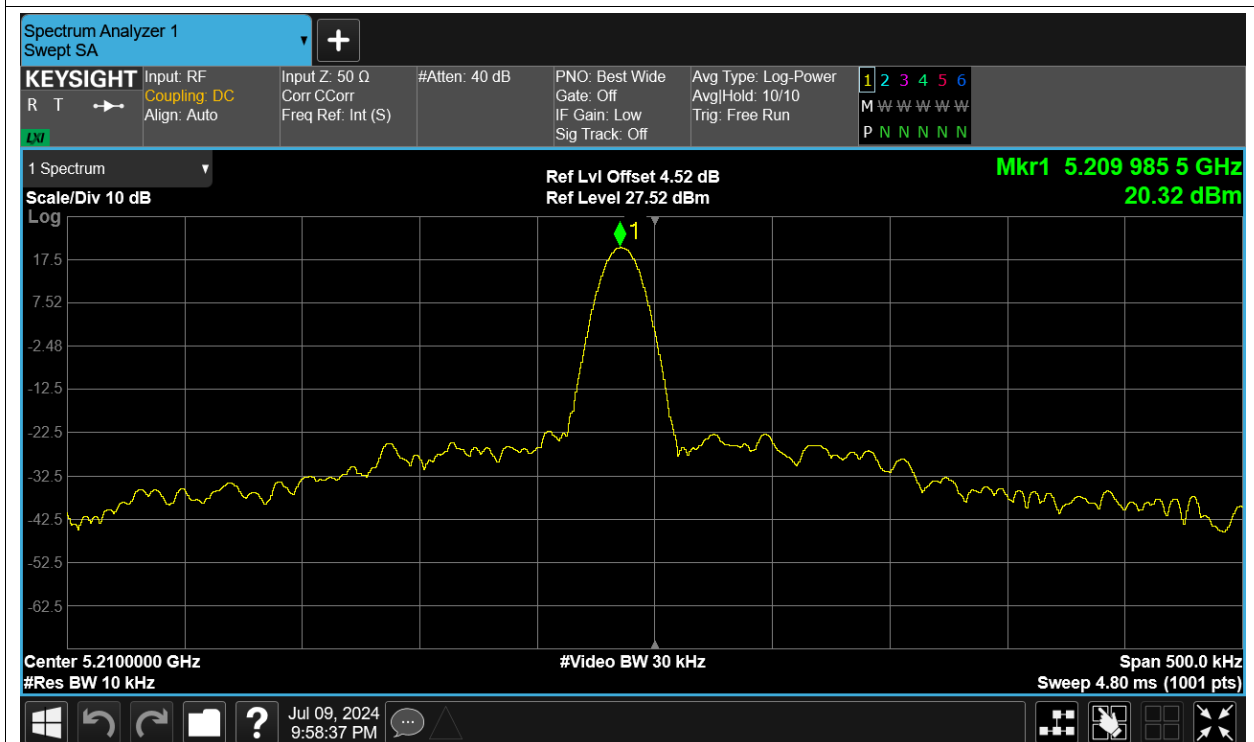
Freq. Stability HVNT ac80 5210MHz Ant13



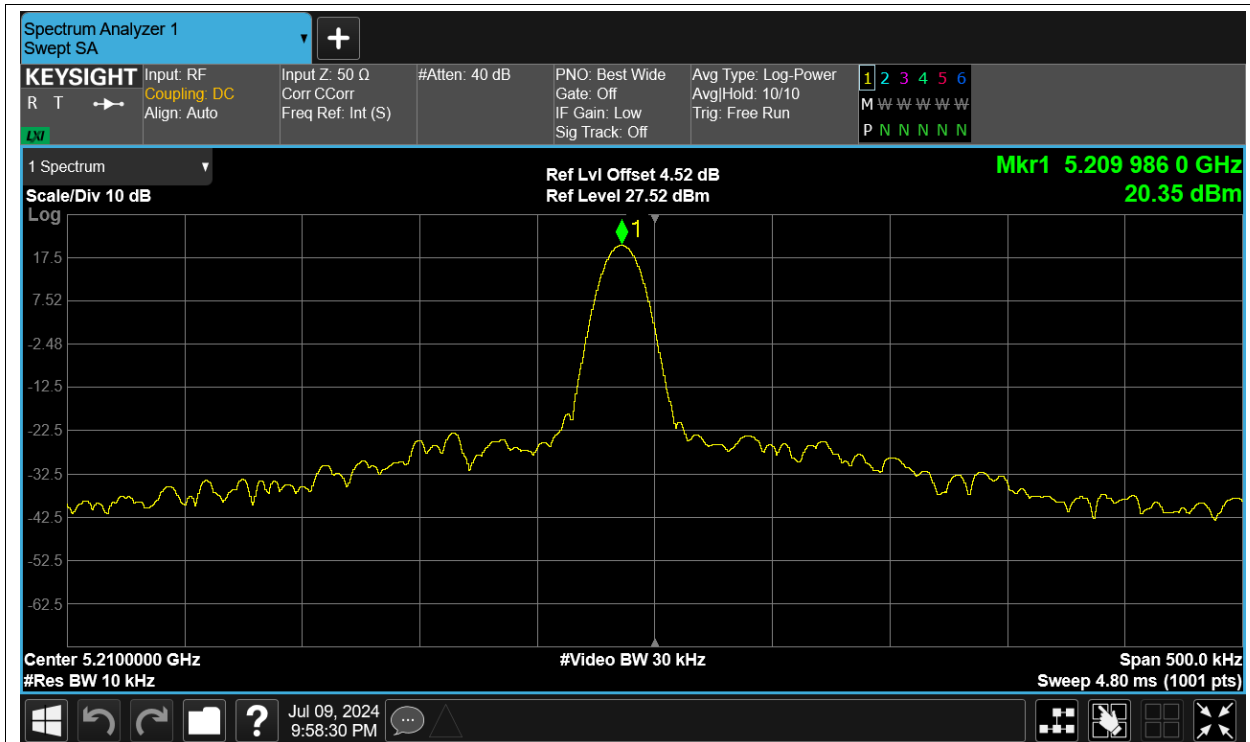
Freq. Stability LVNT ac80 5210MHz Ant13



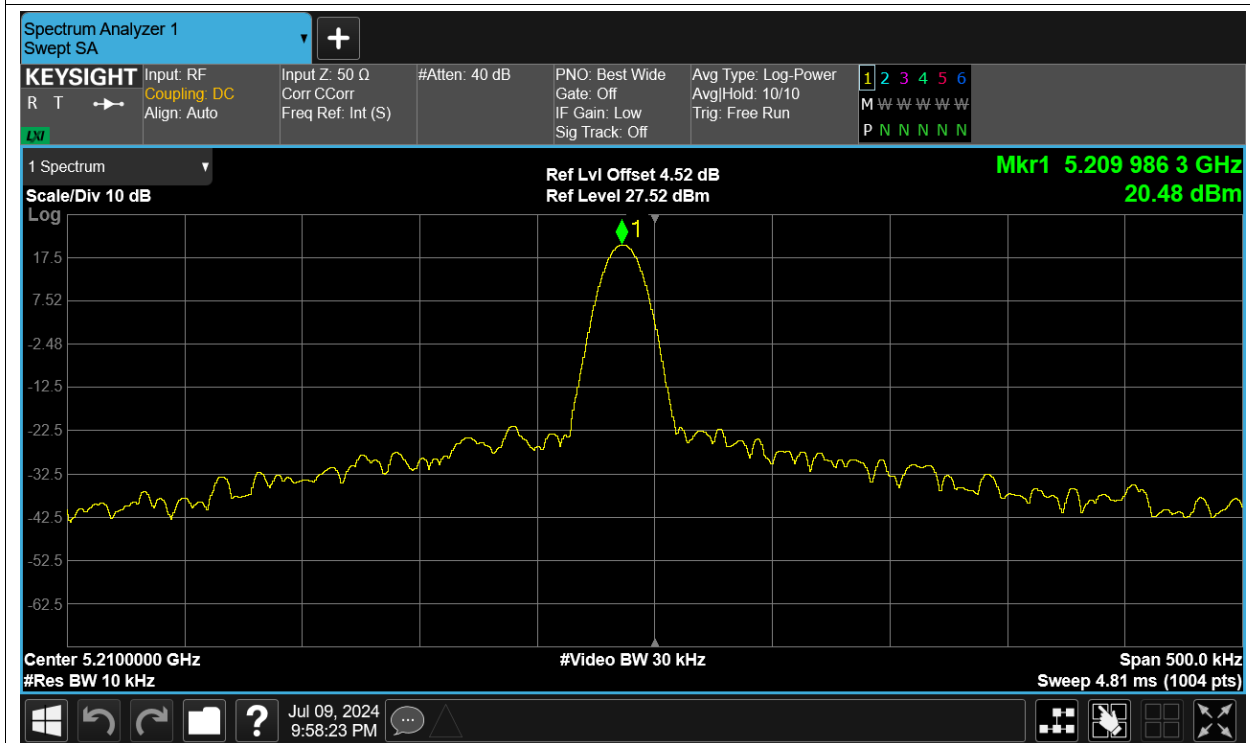
Freq. Stability NVHT ac80 5210MHz Ant13



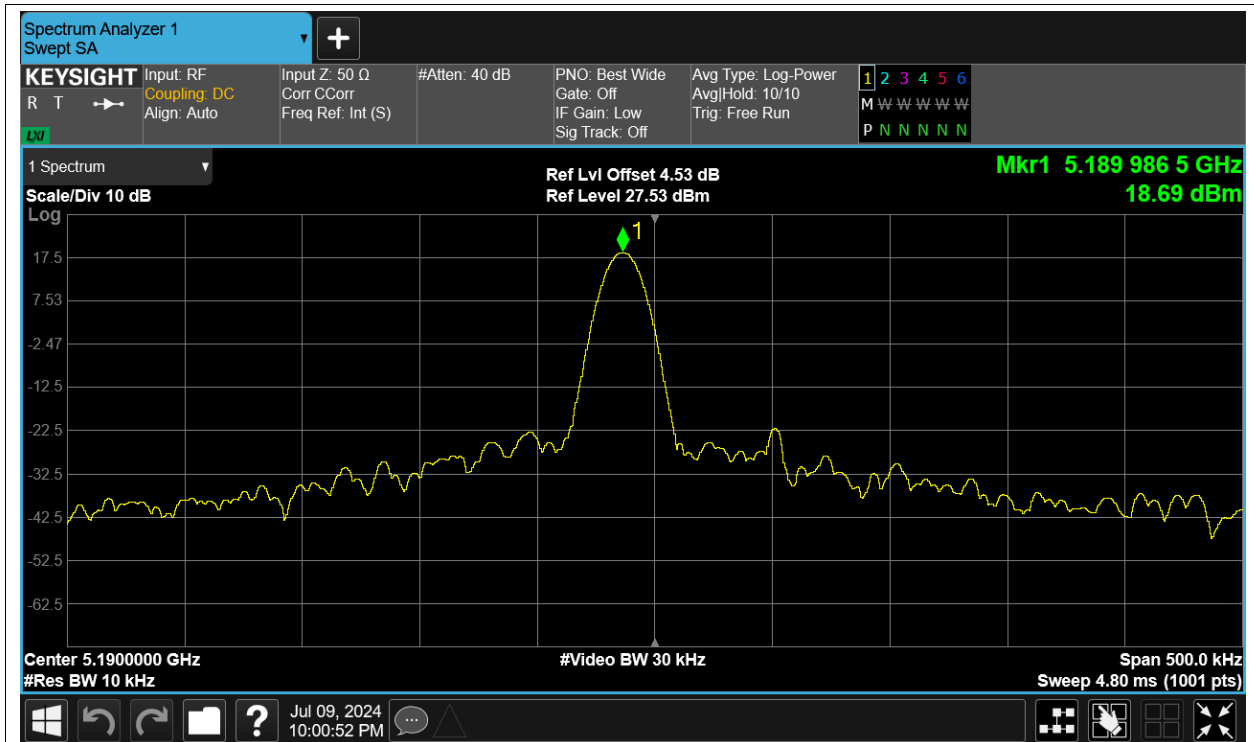
Freq. Stability NVLT ac80 5210MHz Ant13



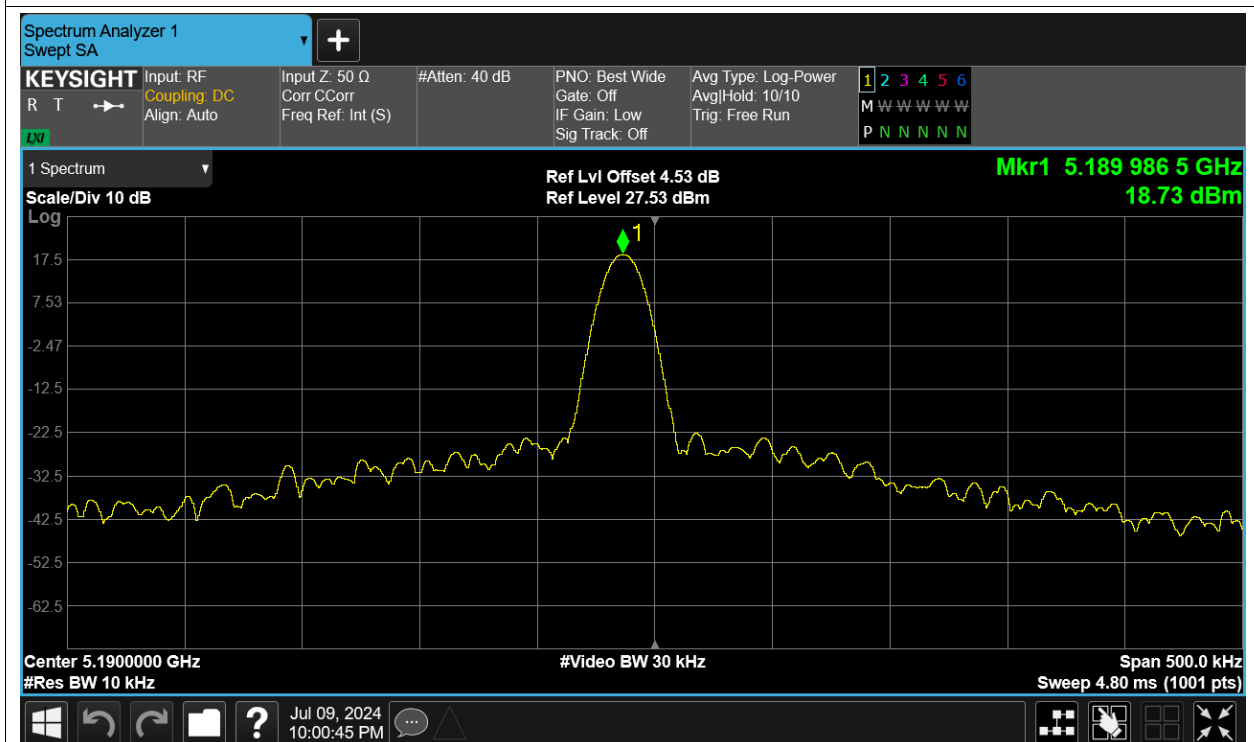
Freq. Stability NVNT ac80 5210MHz Ant13



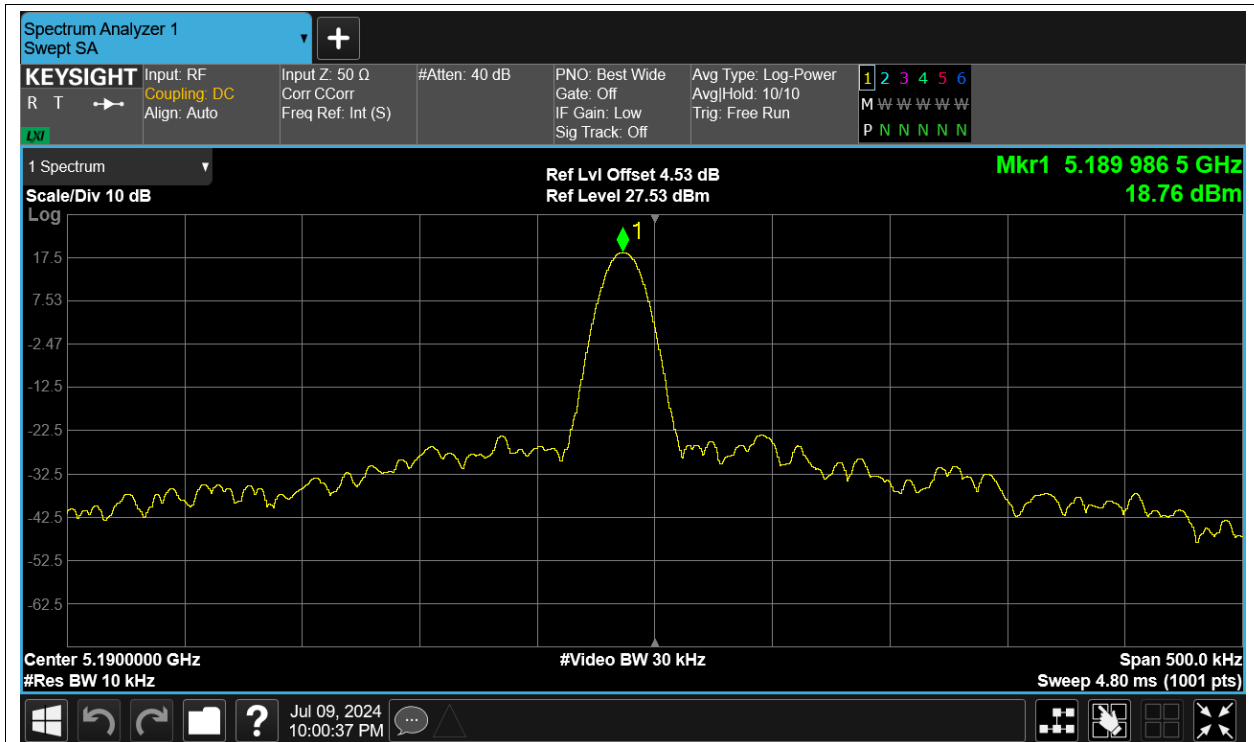
Freq. Stability HVNT n40 5190MHz Ant13



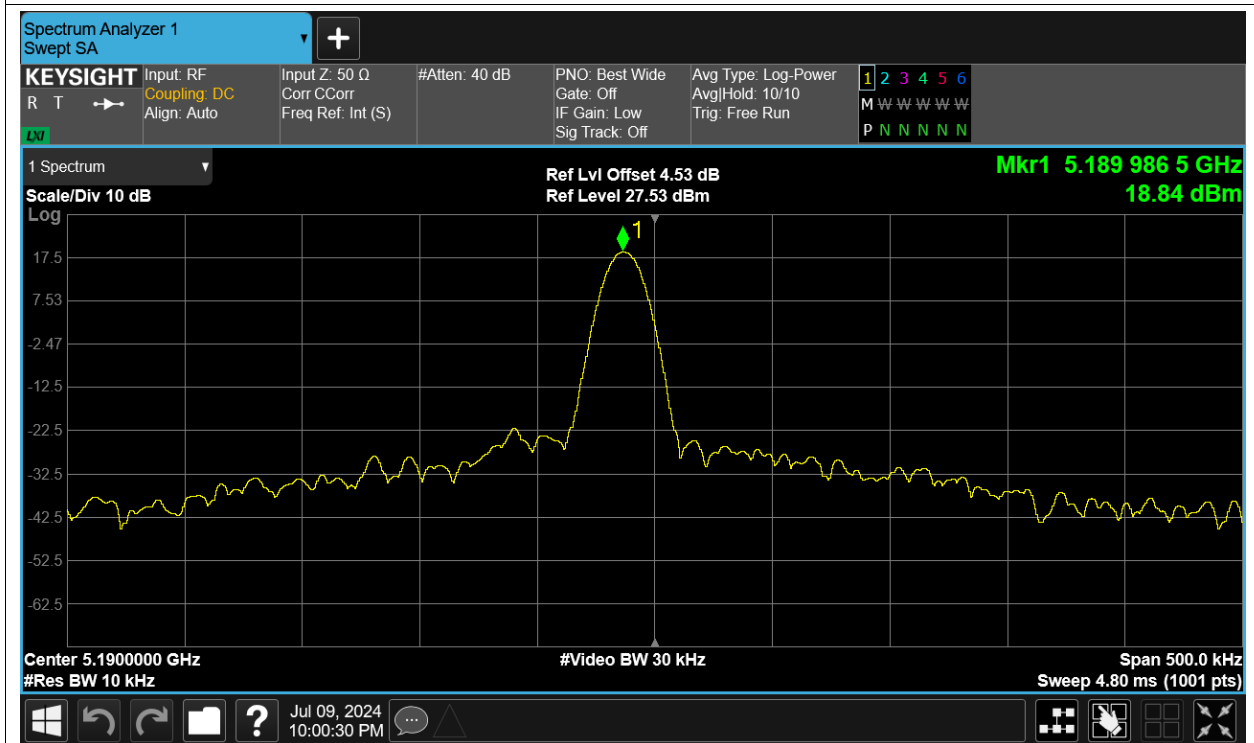
Freq. Stability LVNT n40 5190MHz Ant13



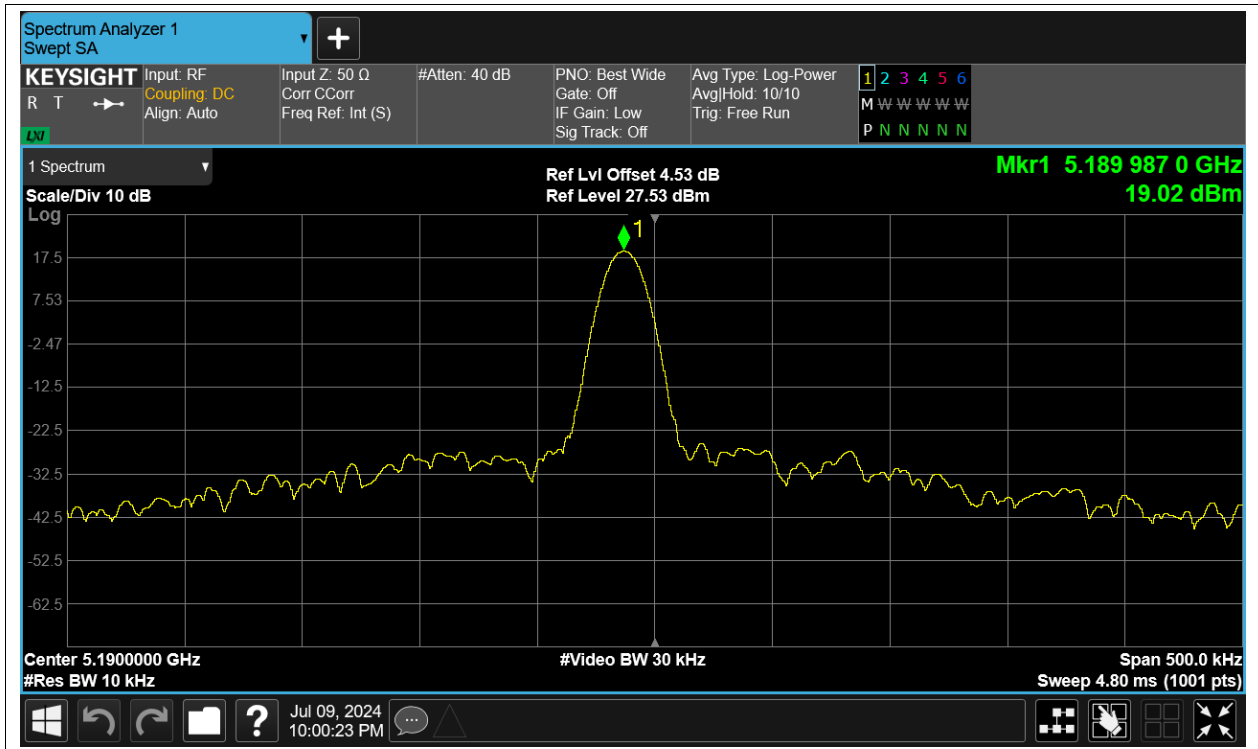
Freq. Stability NVHT n40 5190MHz Ant13



Freq. Stability NVLT n40 5190MHz Ant13



Freq. Stability NVNT n40 5190MHz Ant13

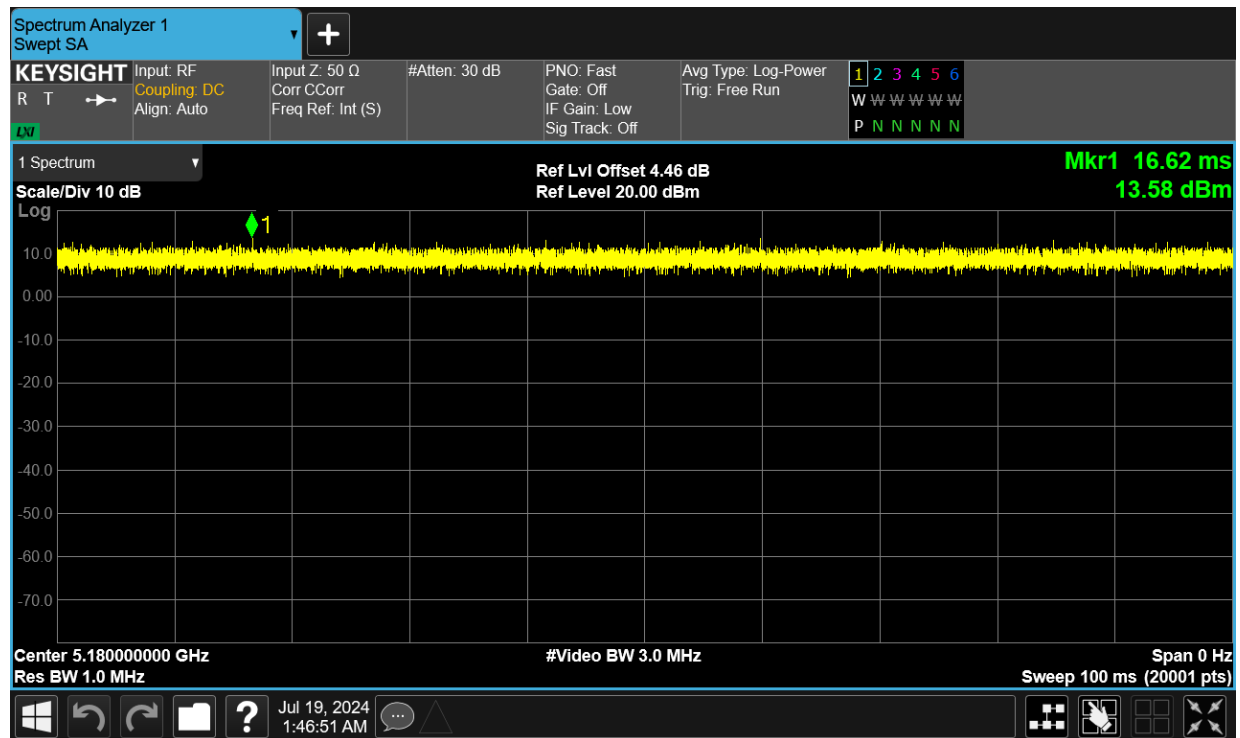


Duty Cycle

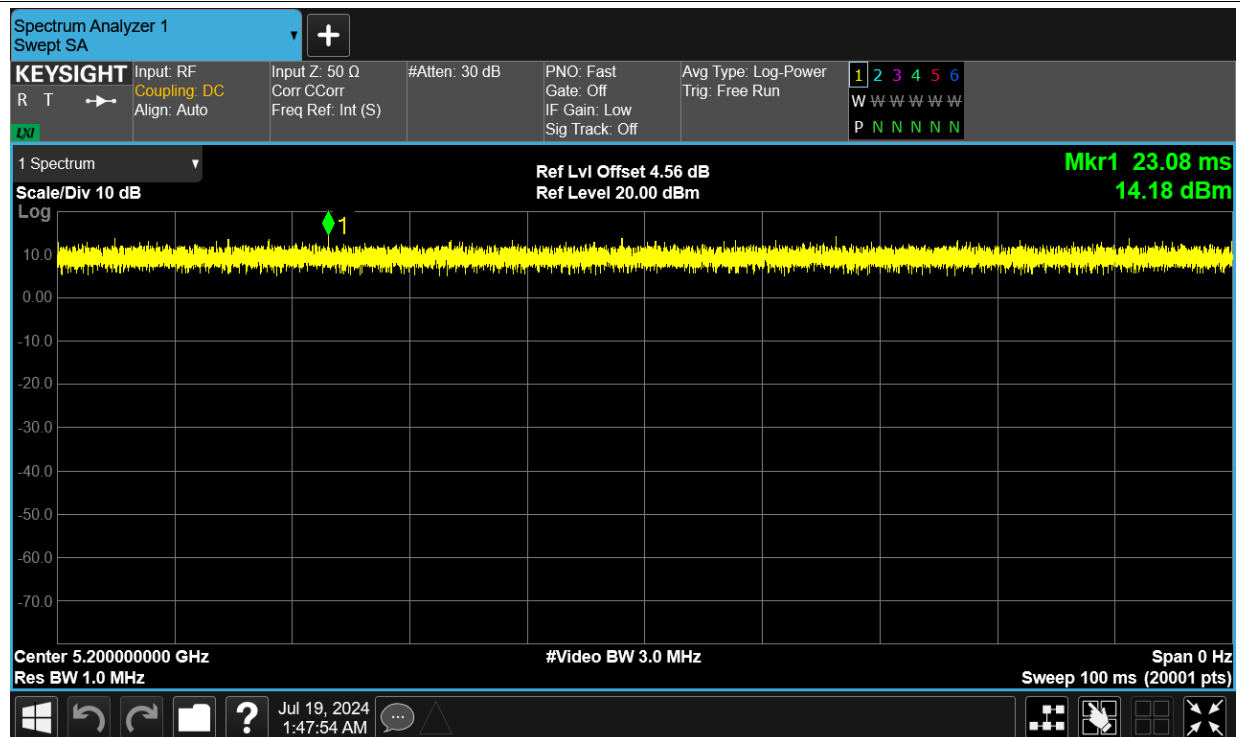
Condition	Mode	Frequency (MHz)	Antenna	Duty Cycle (%)	Correction Factor (dB)
NVNT	a	5180	Ant13	100	0
NVNT	a	5200	Ant13	100	0
NVNT	a	5240	Ant13	100	0
NVNT	ac20	5180	Ant13	100	0
NVNT	ac20	5200	Ant13	100	0
NVNT	ac20	5240	Ant13	100	0
NVNT	ac40	5190	Ant13	100	0
NVNT	ac40	5230	Ant13	100	0
NVNT	ac80	5210	Ant13	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

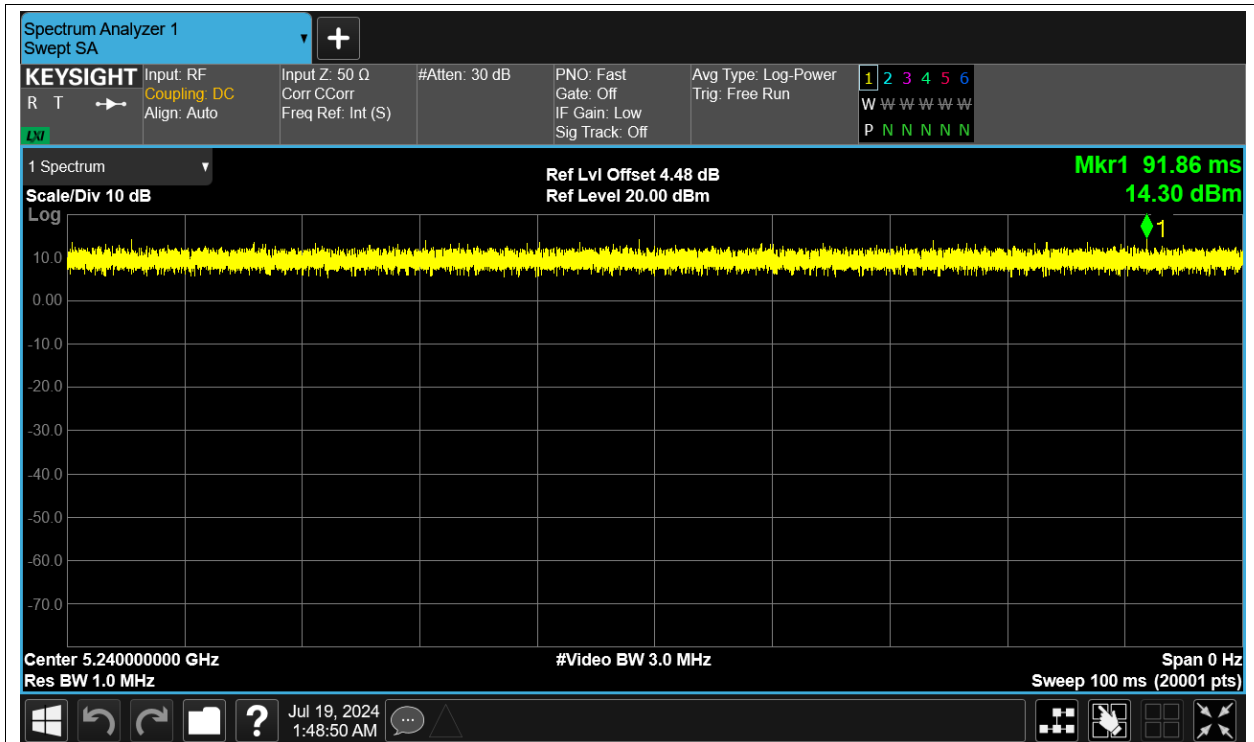
Duty Cycle NVNT a 5180MHz Ant13



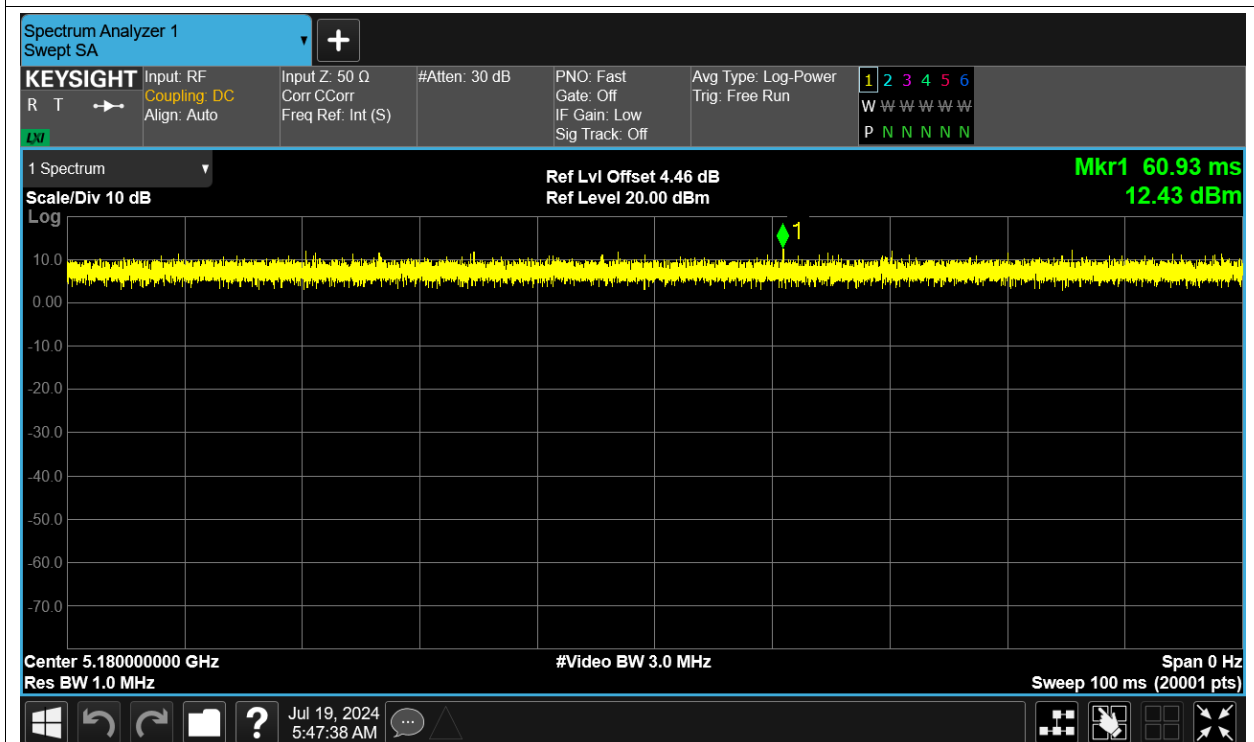
Duty Cycle NVNT a 5200MHz Ant13



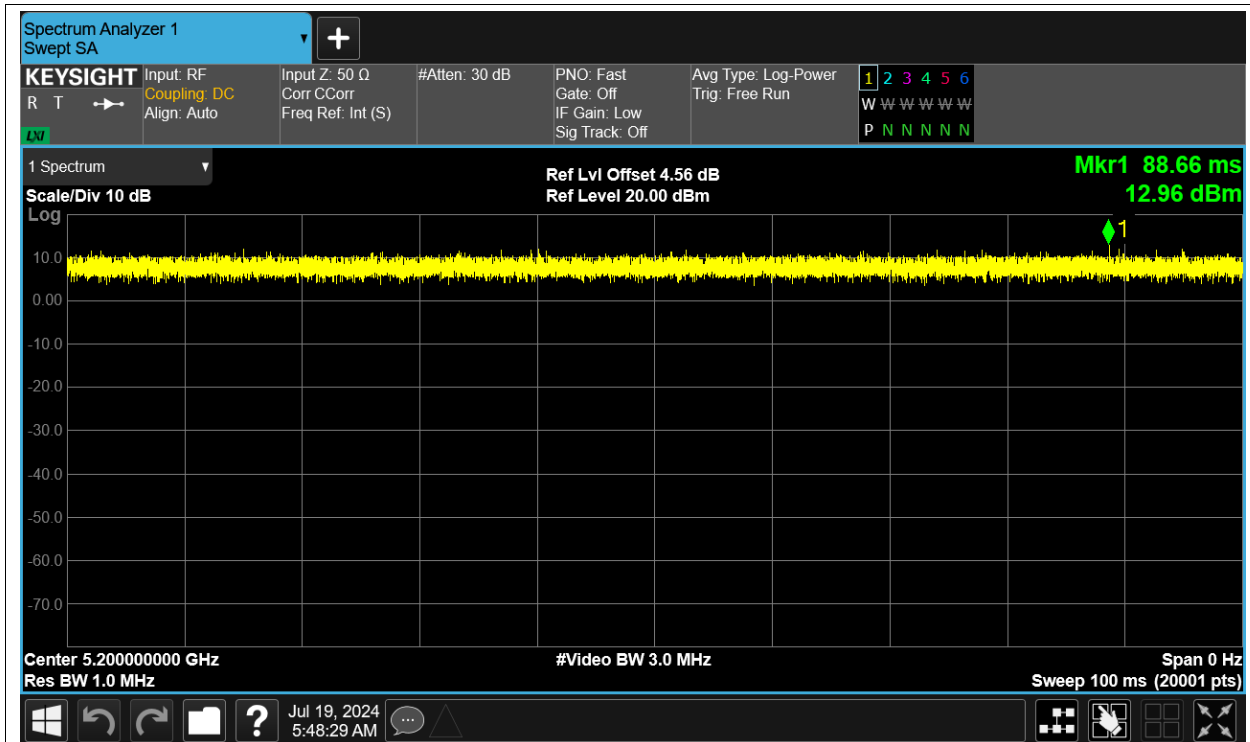
Duty Cycle NVNT a 5240MHz Ant13



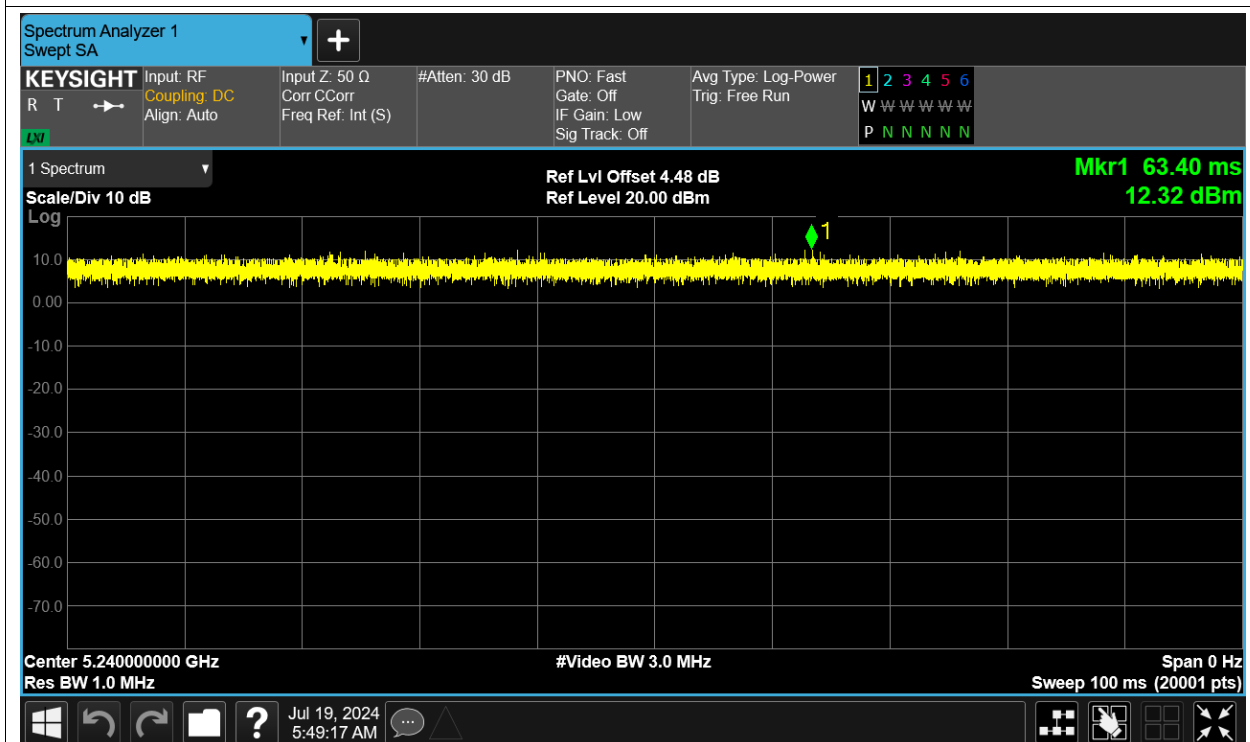
Duty Cycle NVNT ac20 5180MHz Ant13



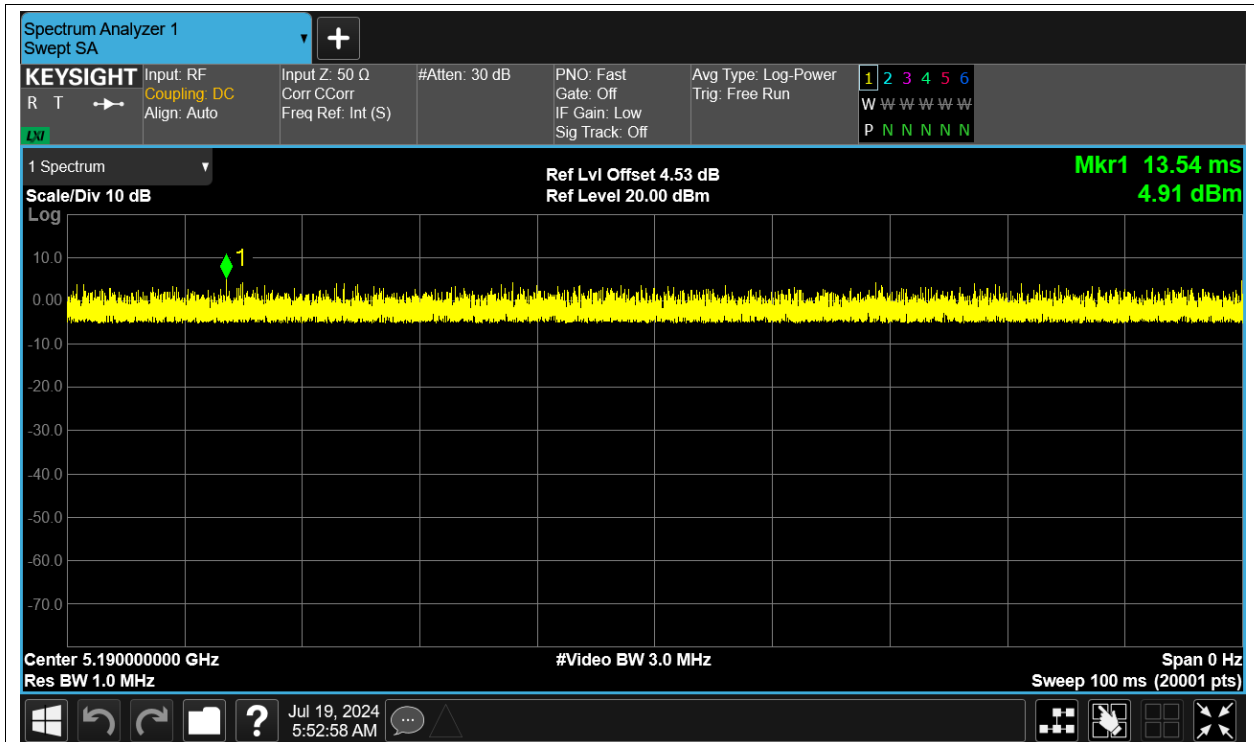
Duty Cycle NVNT ac20 5200MHz Ant13



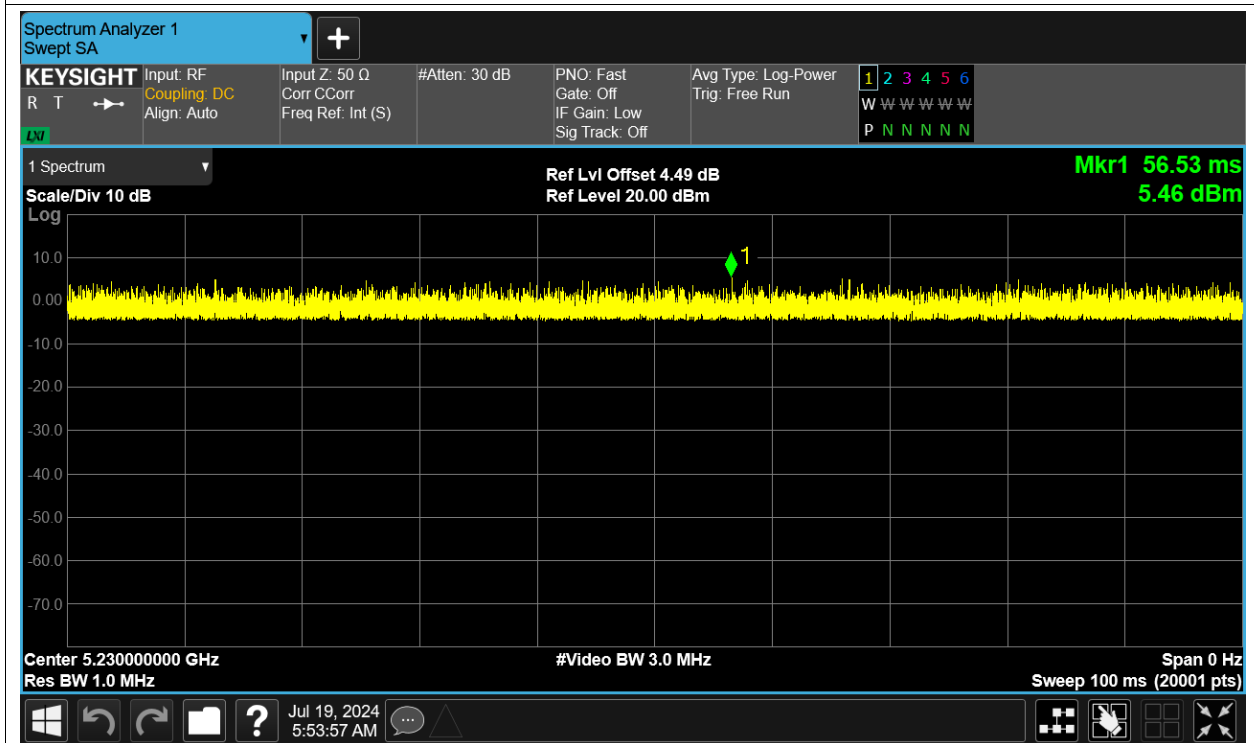
Duty Cycle NVNT ac20 5240MHz Ant13



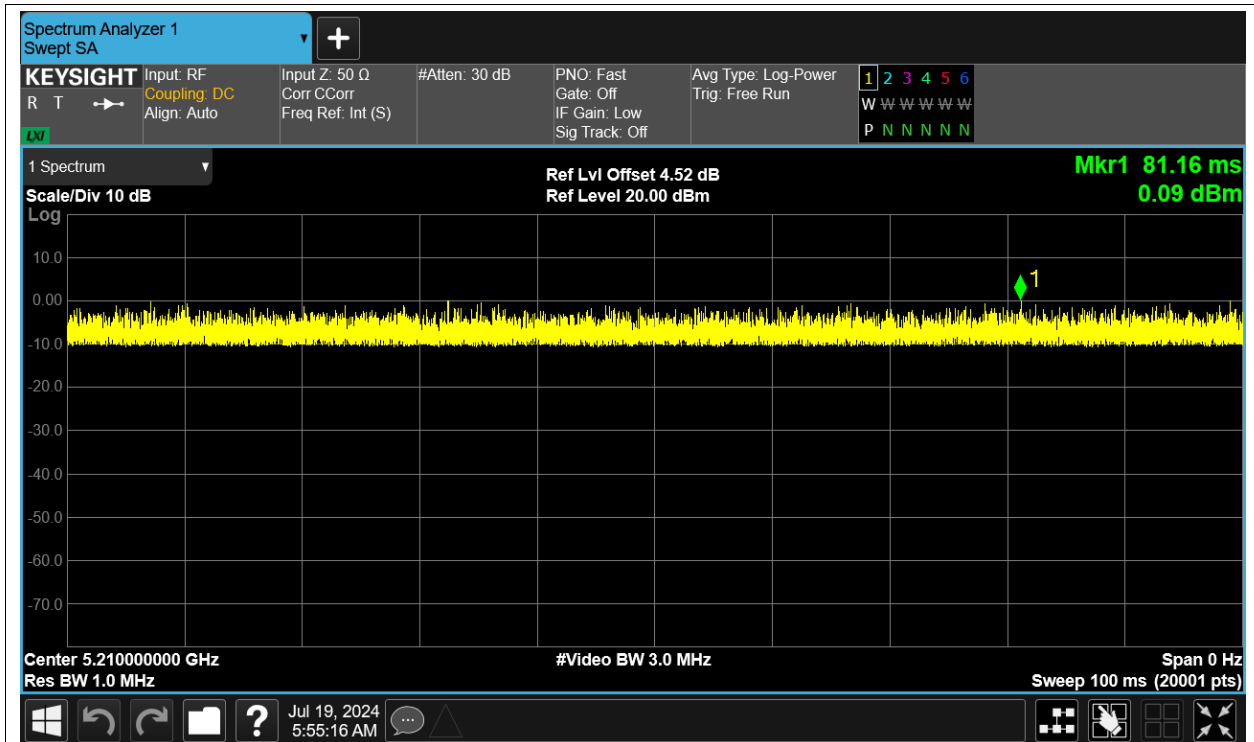
Duty Cycle NVNT ac40 5190MHz Ant13



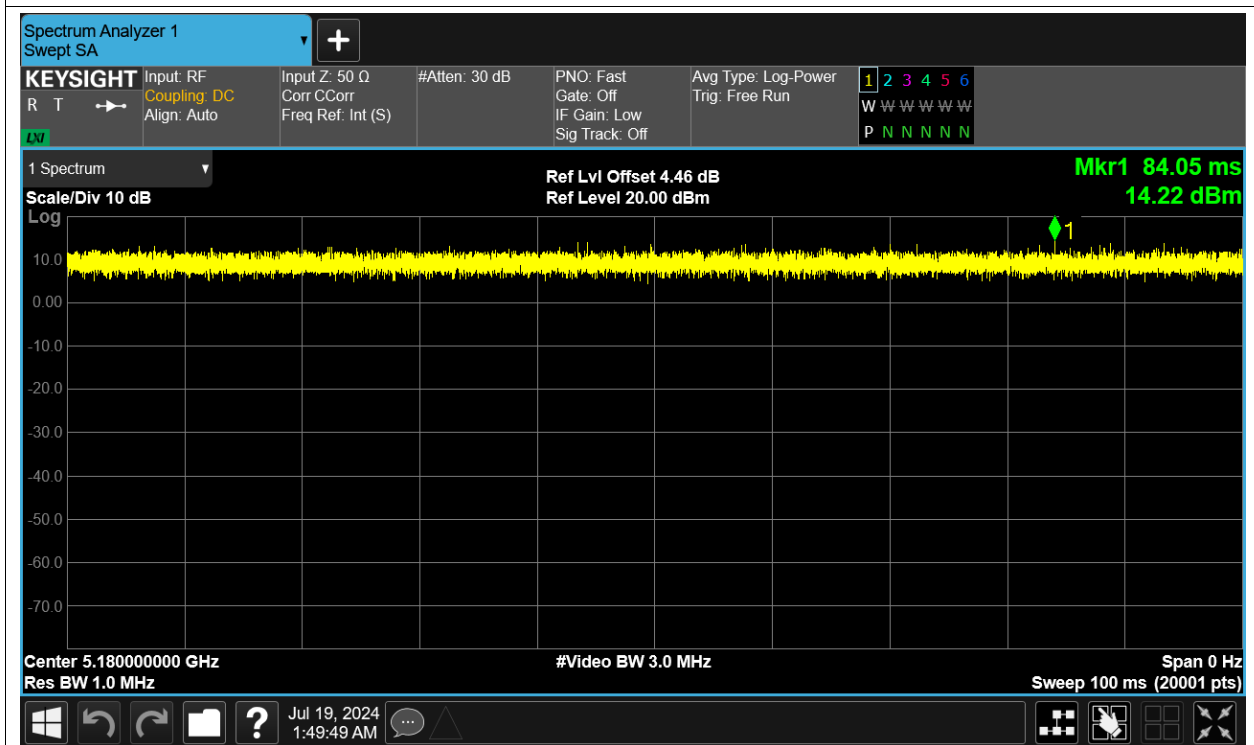
Duty Cycle NVNT ac40 5230MHz Ant13



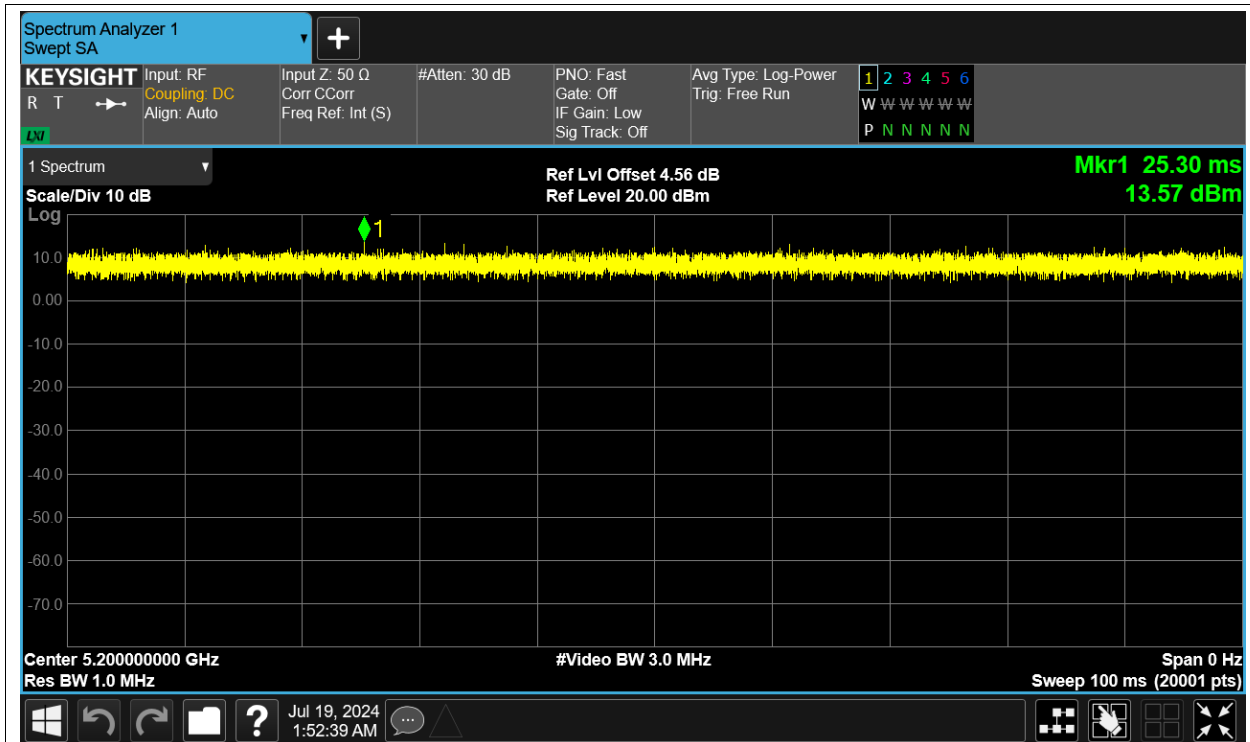
Duty Cycle NVNT ac80 5210MHz Ant13



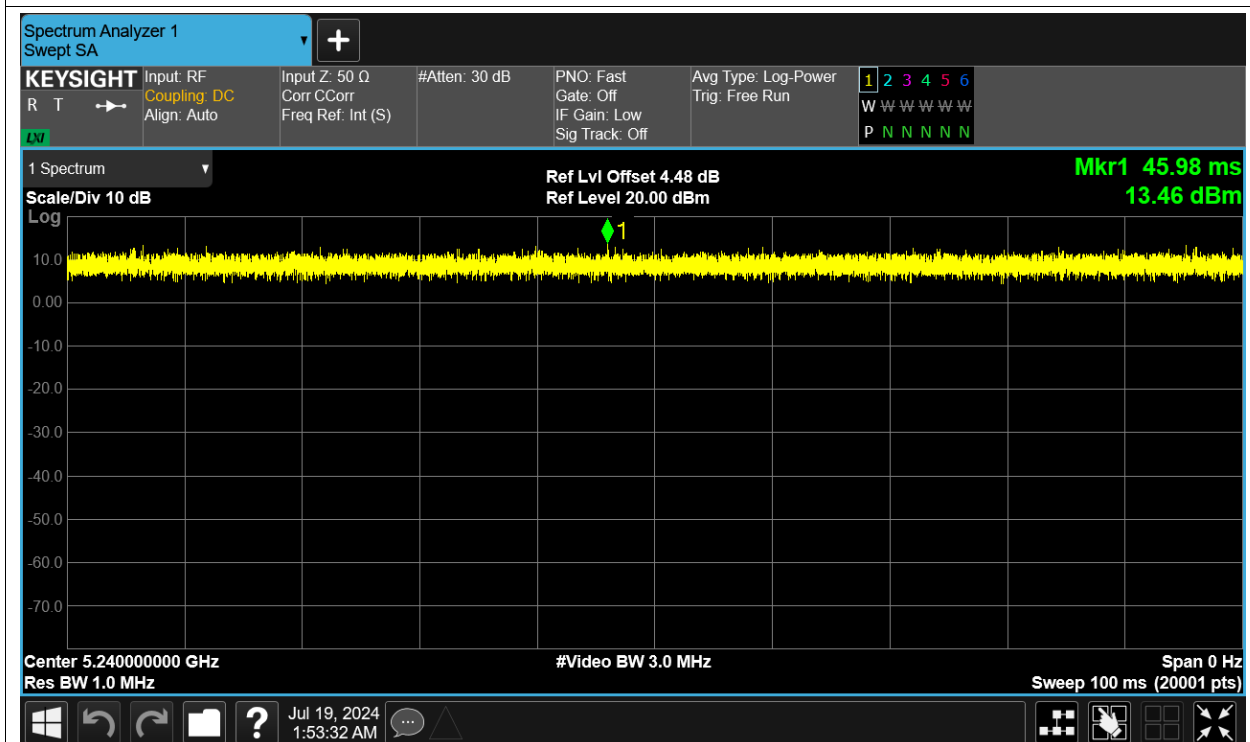
Duty Cycle NVNT n20 5180MHz Ant13



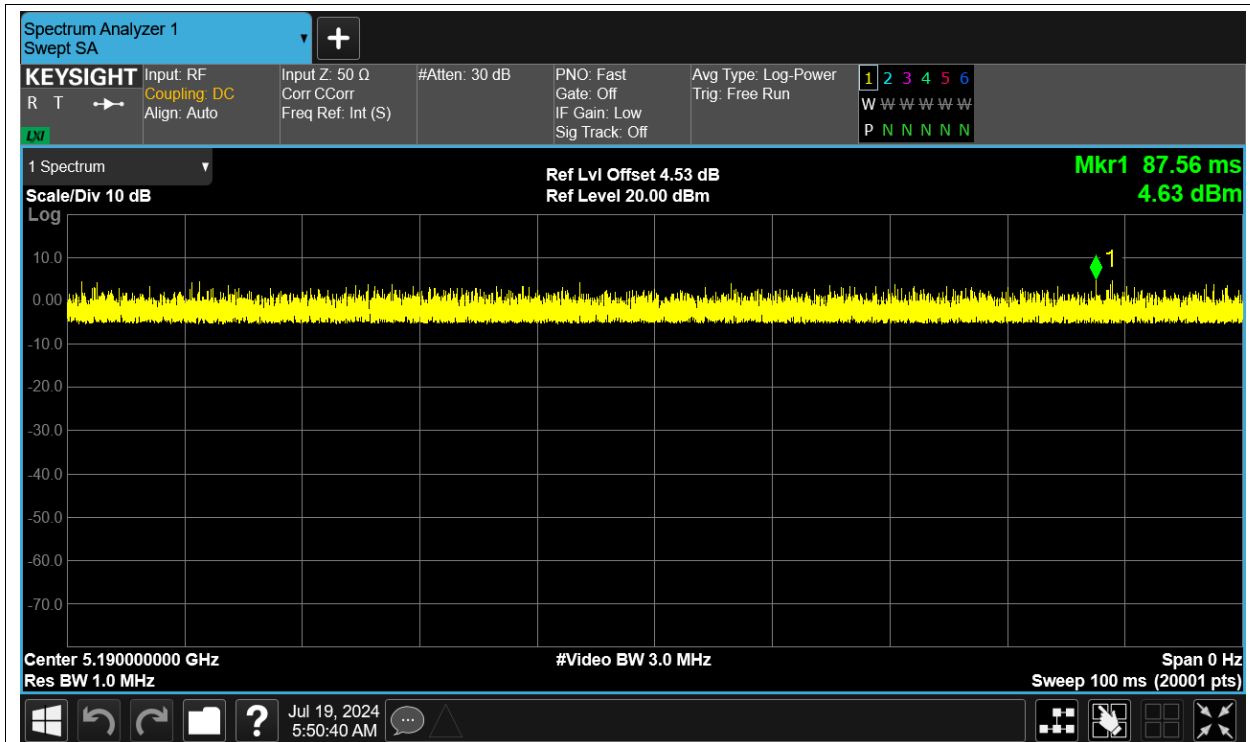
Duty Cycle NVNT n20 5200MHz Ant13



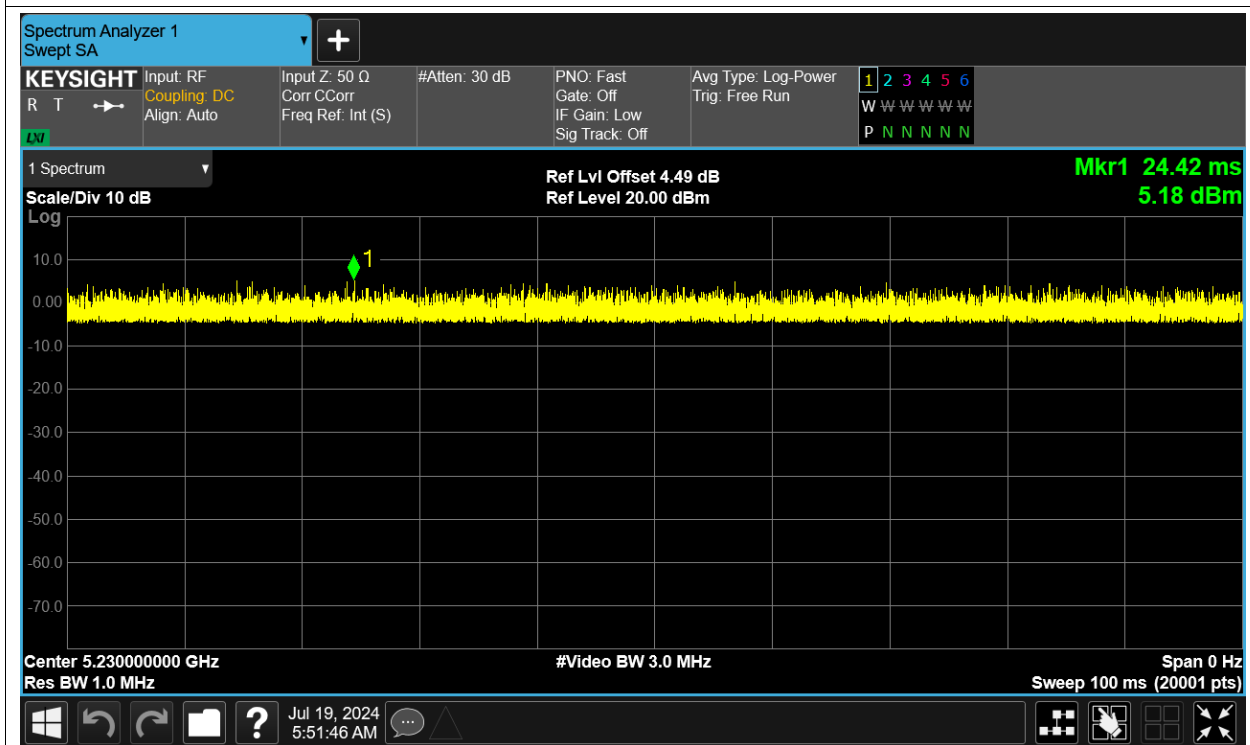
Duty Cycle NVNT n20 5240MHz Ant13



Duty Cycle NVNT n40 5190MHz Ant13



Duty Cycle NVNT n40 5230MHz Ant13



Maximum Conducted Output Power

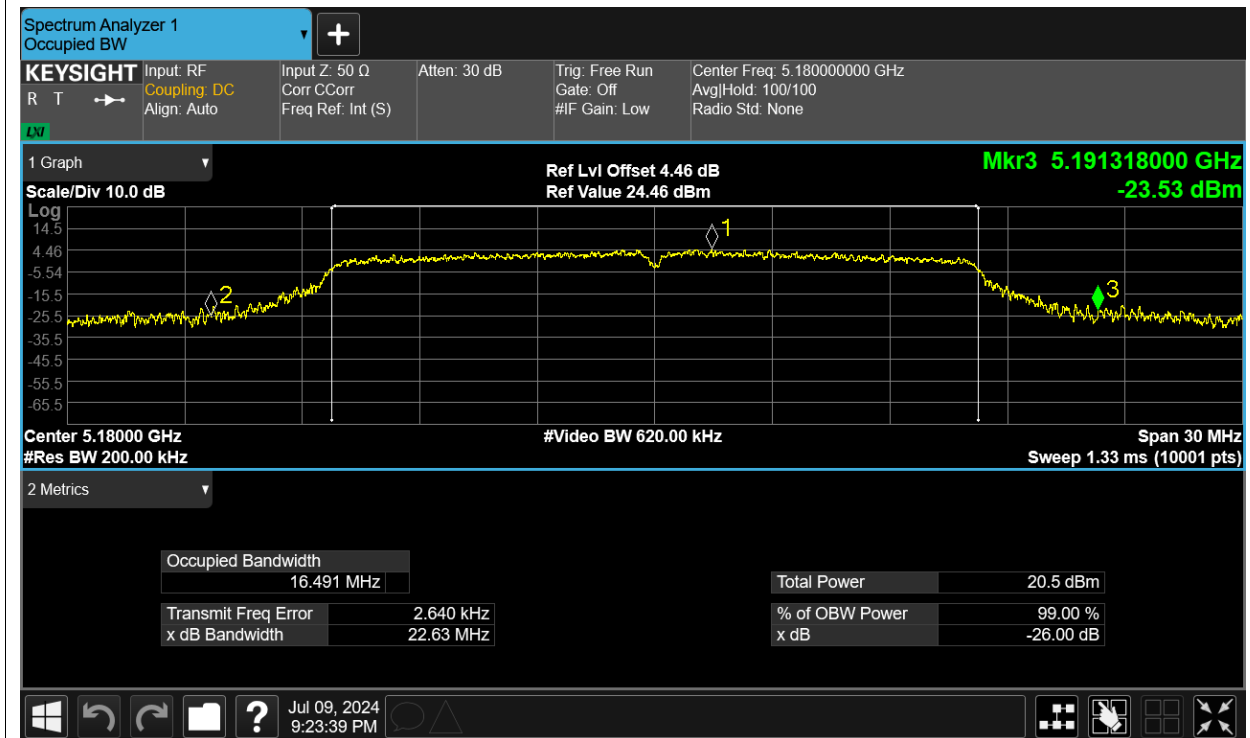
Condition	Mode	Frequency (MHz)	Antenna	Conducted Power (dBm)	Duty Factor (dB)	Total Power (dBm)	Limit (dBm)	Verdict
NVNT	a	5180	Ant13	16.51	0	16.51	24	Pass
NVNT	a	5200	Ant13	16.85	0	16.85	24	Pass
NVNT	a	5240	Ant13	16.58	0	16.58	24	Pass
NVNT	ac20	5180	Ant13	14.95	0	14.95	24	Pass
NVNT	ac20	5200	Ant13	15.36	0	15.36	24	Pass
NVNT	ac20	5240	Ant13	15.46	0	15.46	24	Pass
NVNT	ac40	5190	Ant13	11.96	0	11.96	23	Pass
NVNT	ac40	5230	Ant13	12.27	0	12.27	24	Pass
NVNT	ac80	5210	Ant13	10.15	0	10.15	24	Pass
NVNT	n20	5180	Ant13	16.81	0	16.81	24	Pass
NVNT	n20	5200	Ant13	16.28	0	16.28	24	Pass
NVNT	n20	5240	Ant13	16.27	0	16.27	24	Pass
NVNT	n40	5190	Ant13	11.75	0	11.75	24	Pass
NVNT	n40	5230	Ant13	12.11	0	12.11	24	Pass

-26dB Bandwidth

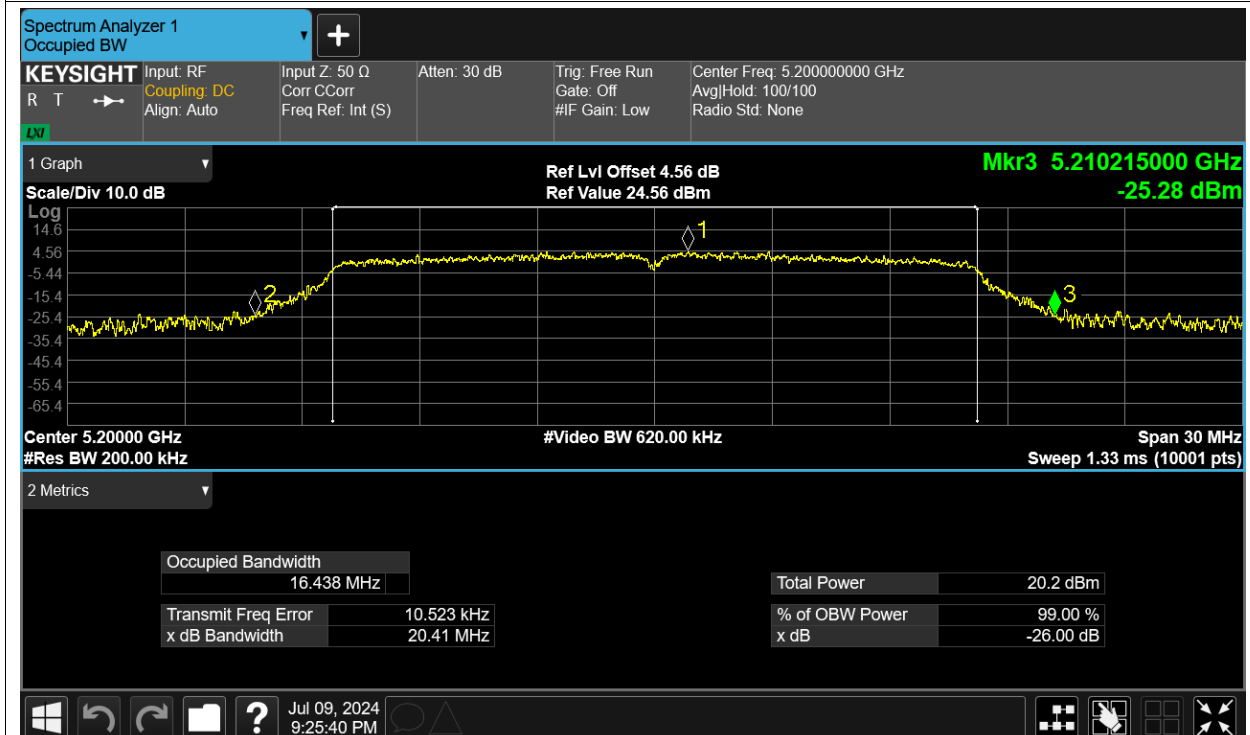
Condition	Mode	Frequency (MHz)	Antenna	-26 dB Bandwidth (MHz)
NVNT	a	5180	Ant13	22.632
NVNT	a	5200	Ant13	20.41
NVNT	a	5240	Ant13	21.18
NVNT	ac20	5180	Ant13	20.065
NVNT	ac20	5200	Ant13	20.366
NVNT	ac20	5240	Ant13	20.245
NVNT	ac40	5190	Ant13	39.358
NVNT	ac40	5230	Ant13	39.519
NVNT	ac80	5210	Ant13	78.918
NVNT	n20	5180	Ant13	24.202
NVNT	n20	5200	Ant13	23.793
NVNT	n20	5240	Ant13	23.777
NVNT	n40	5190	Ant13	44.142
NVNT	n40	5230	Ant13	42.467

Test Graphs

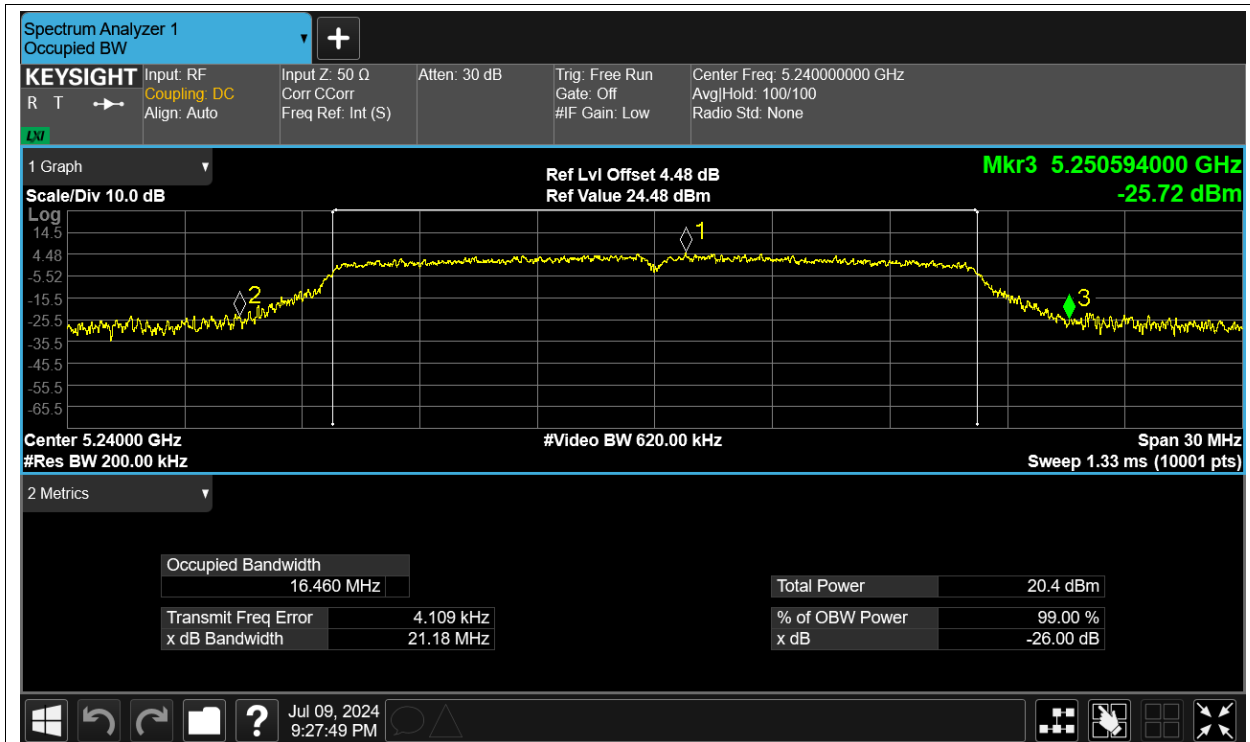
-26dB Bandwidth NVNT a 5180MHz Ant13



-26dB Bandwidth NVNT a 5200MHz Ant13



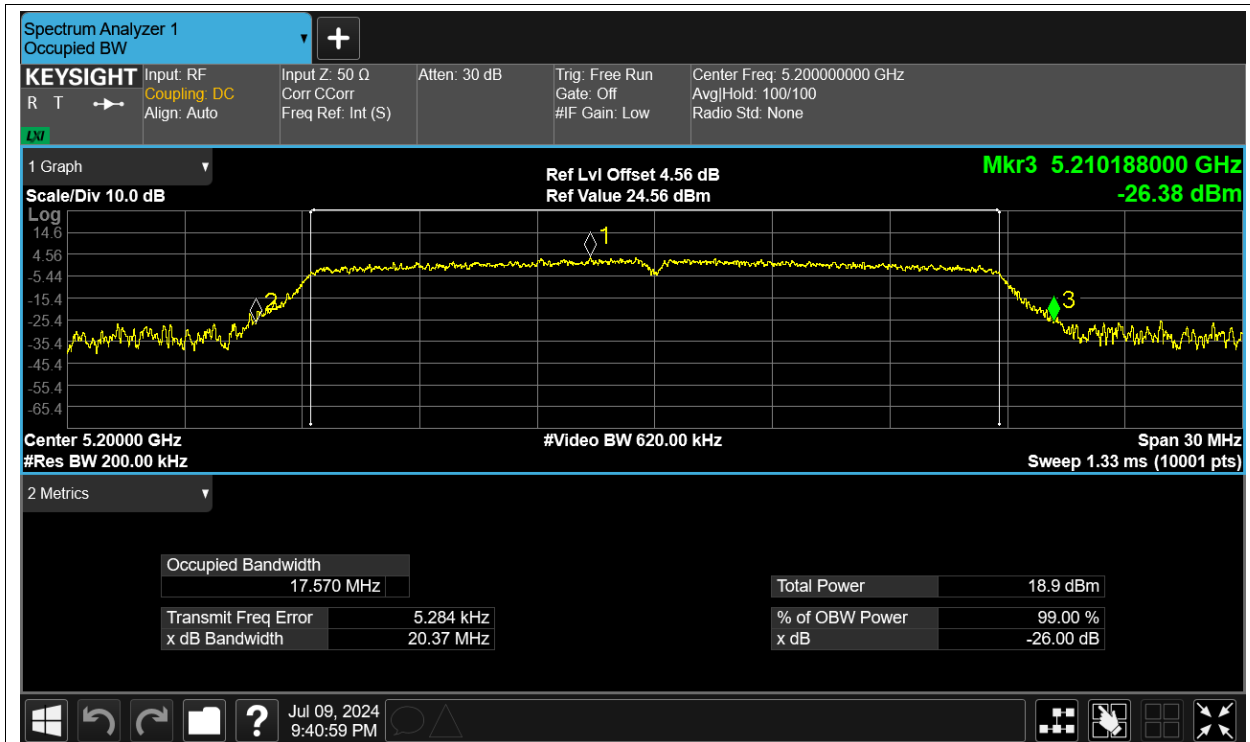
-26dB Bandwidth NVNT a 5240MHz Ant13



-26dB Bandwidth NVNT ac20 5180MHz Ant13



-26dB Bandwidth NVNT ac20 5200MHz Ant13



-26dB Bandwidth NVNT ac20 5240MHz Ant13



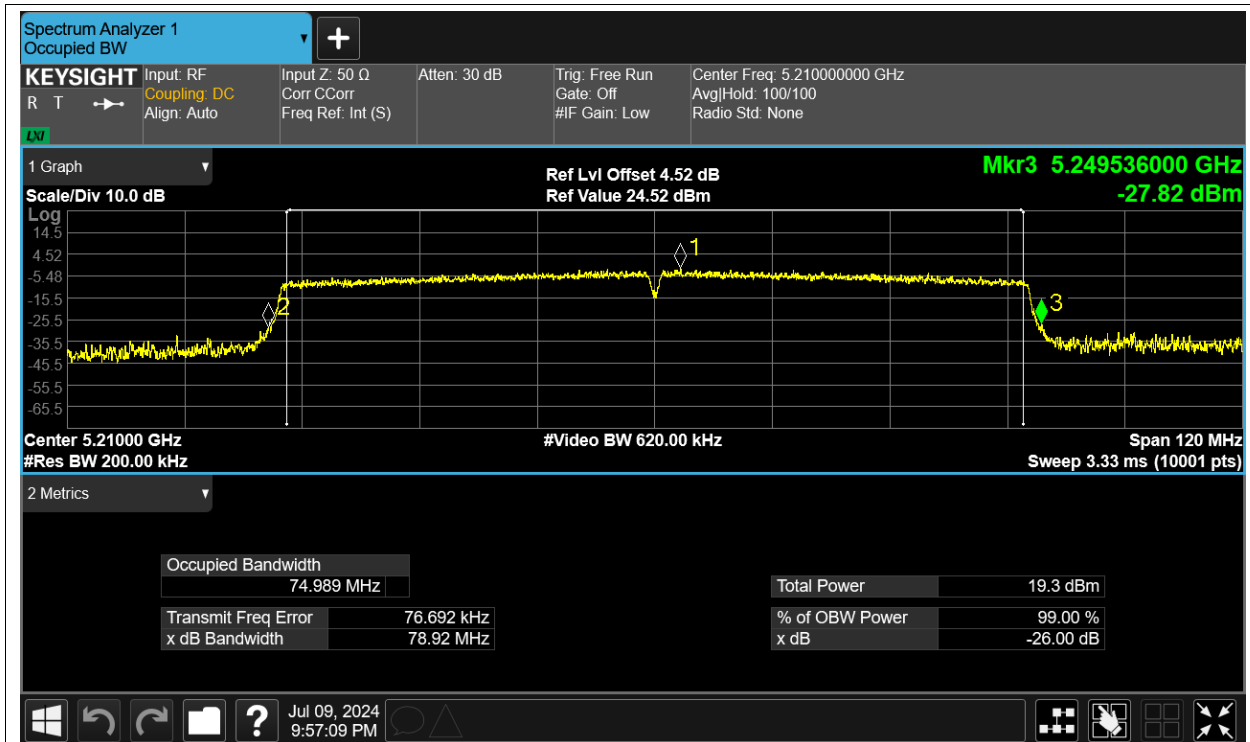
-26dB Bandwidth NVNT ac40 5190MHz Ant13



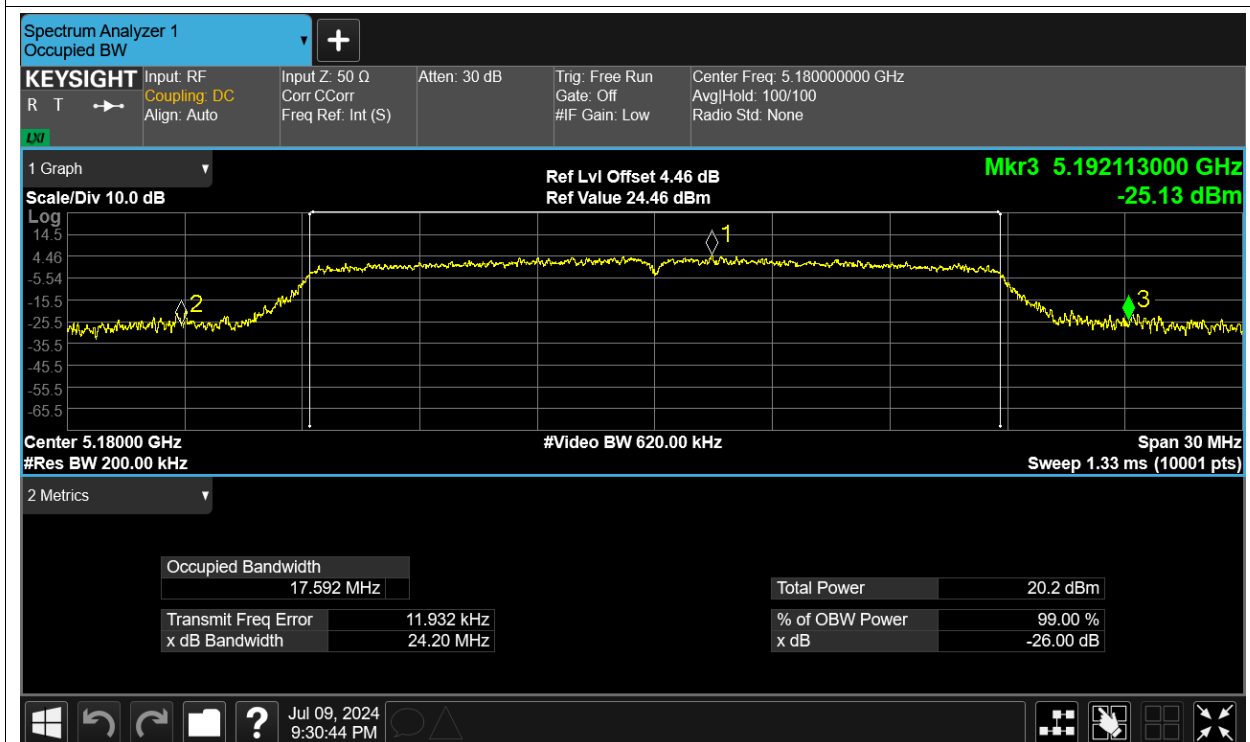
-26dB Bandwidth NVNT ac40 5230MHz Ant13



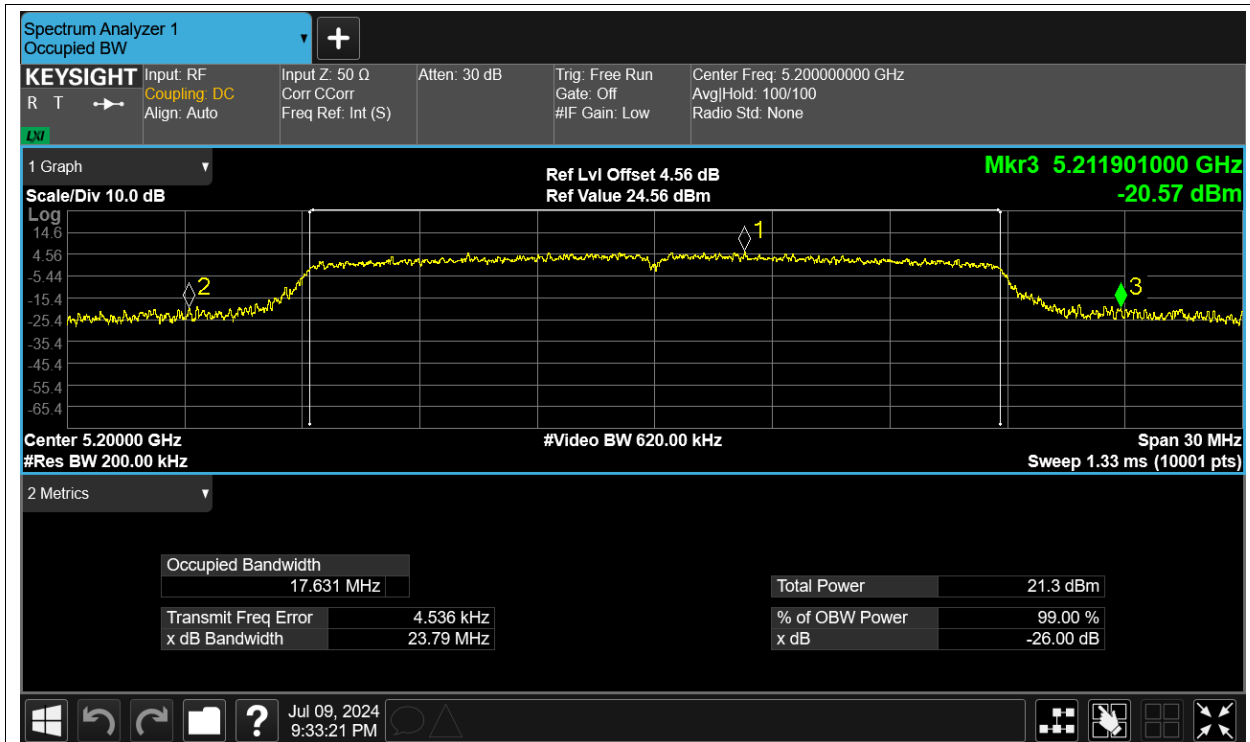
-26dB Bandwidth NVNT ac80 5210MHz Ant13



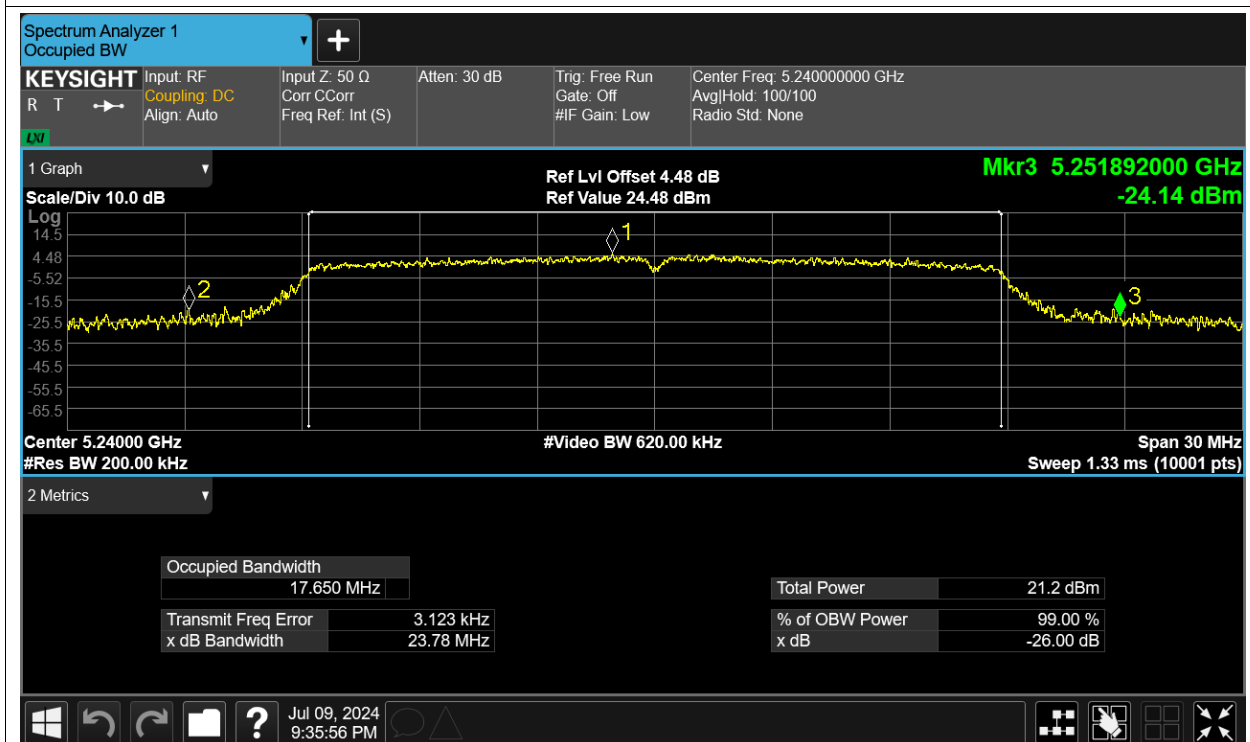
-26dB Bandwidth NVNT n20 5180MHz Ant13



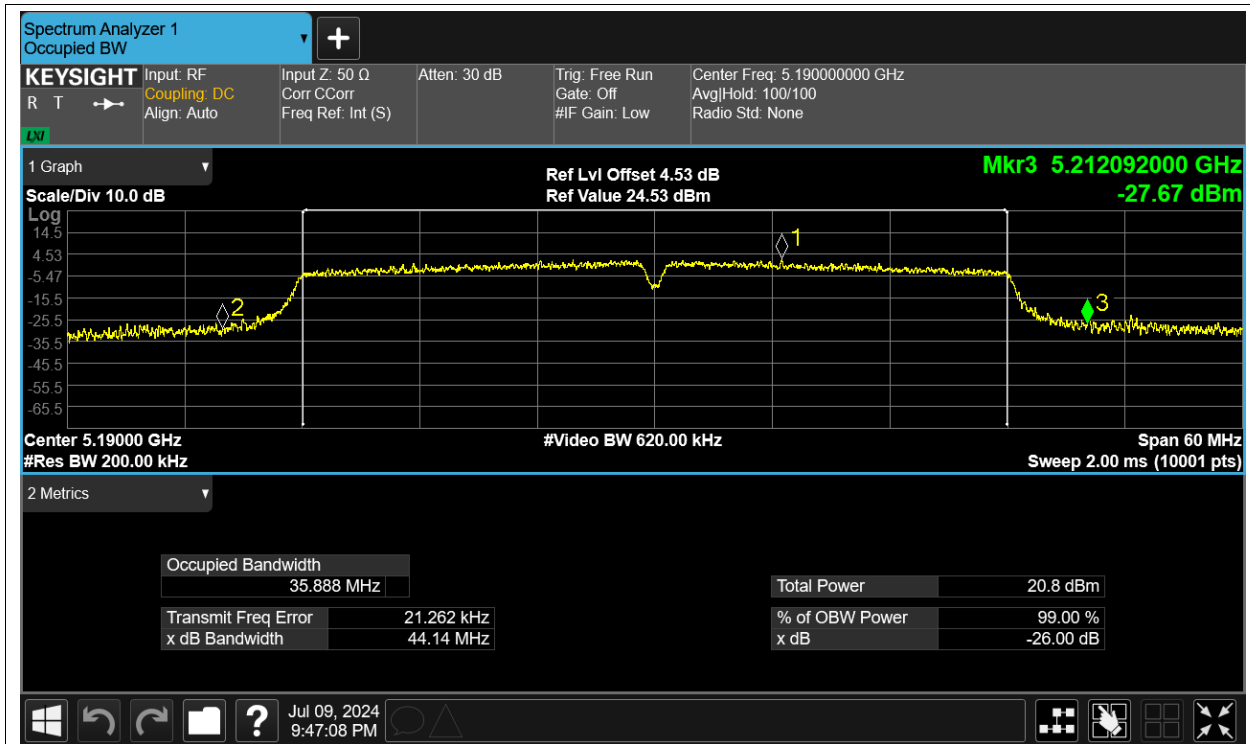
-26dB Bandwidth NVNT n20 5200MHz Ant13



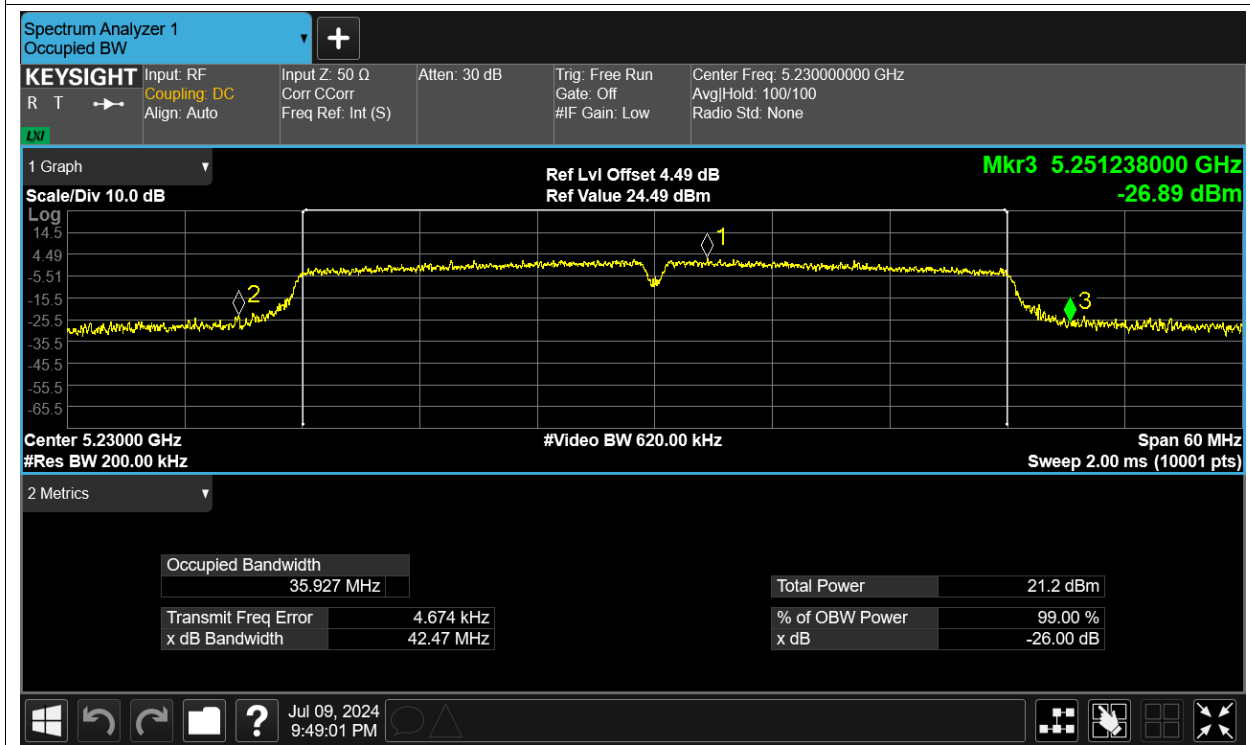
-26dB Bandwidth NVNT n20 5240MHz Ant13



-26dB Bandwidth NVNT n40 5190MHz Ant13



-26dB Bandwidth NVNT n40 5230MHz Ant13

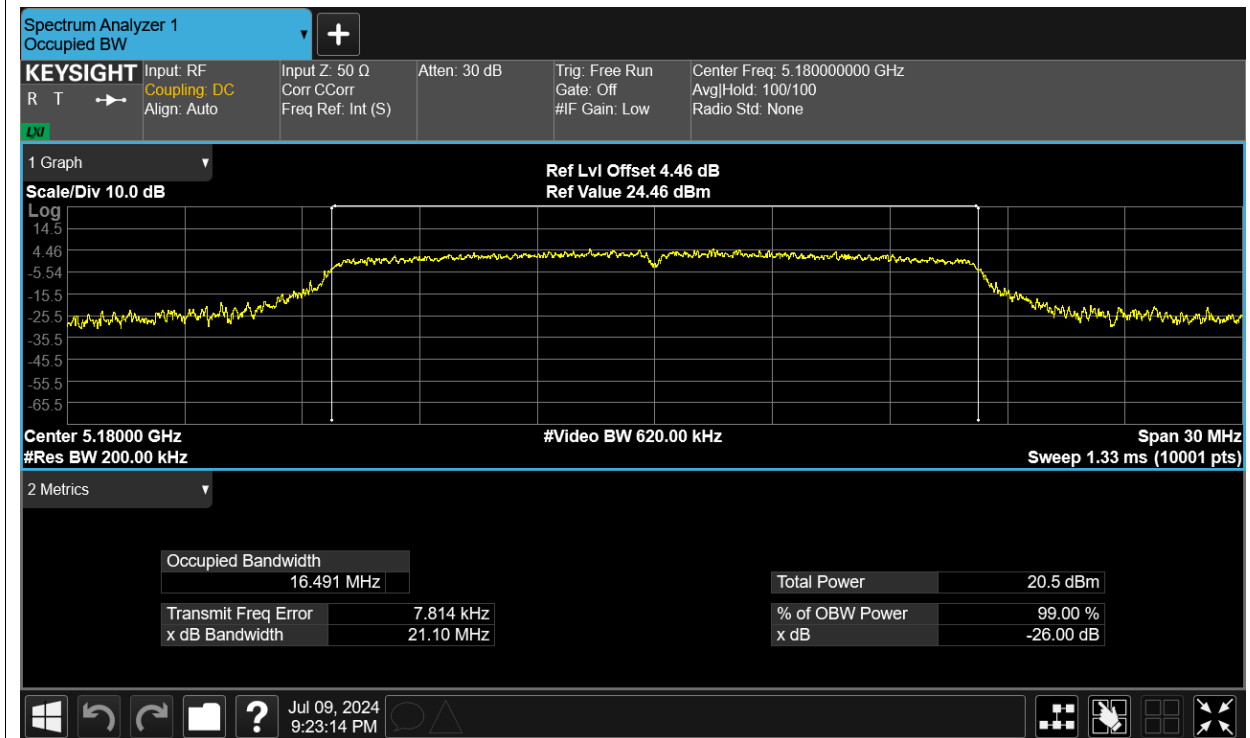


Occupied Channel Bandwidth

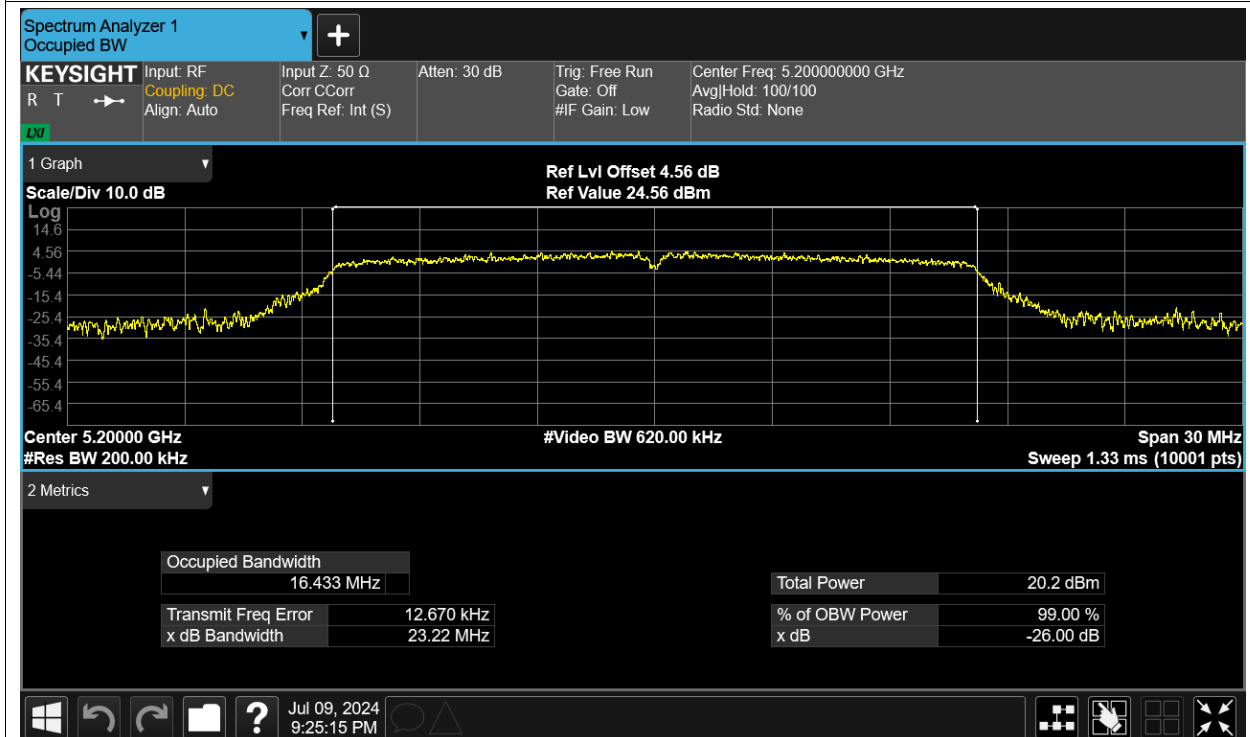
Condition	Mode	Frequency (MHz)	Antenna	99% OBW (MHz)
NVNT	a	5180	Ant13	16.491
NVNT	a	5200	Ant13	16.433
NVNT	a	5240	Ant13	16.419
NVNT	ac20	5180	Ant13	17.596
NVNT	ac20	5200	Ant13	17.569
NVNT	ac20	5240	Ant13	17.551
NVNT	ac40	5190	Ant13	35.976
NVNT	ac40	5230	Ant13	35.926
NVNT	ac80	5210	Ant13	75.086
NVNT	n20	5180	Ant13	17.621
NVNT	n20	5200	Ant13	17.642
NVNT	n20	5240	Ant13	17.595
NVNT	n40	5190	Ant13	36.027
NVNT	n40	5230	Ant13	36.052

Test Graphs

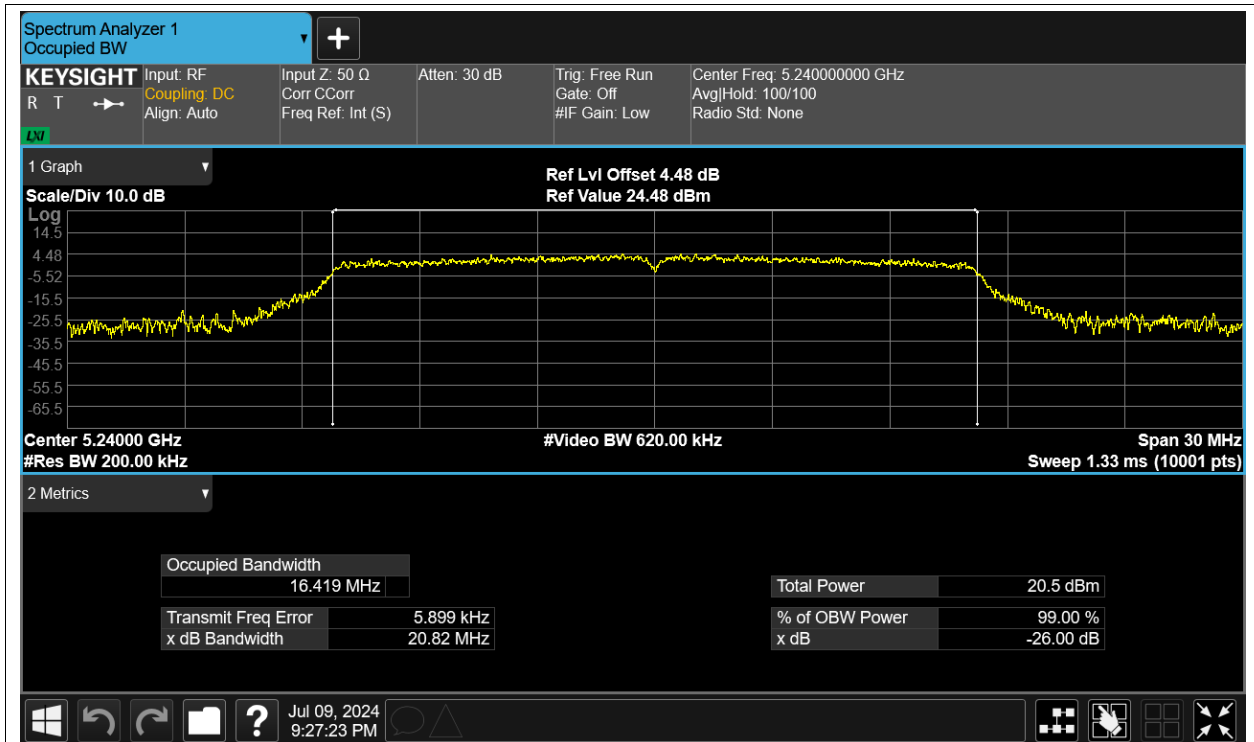
OBW NVNT a 5180MHz Ant13



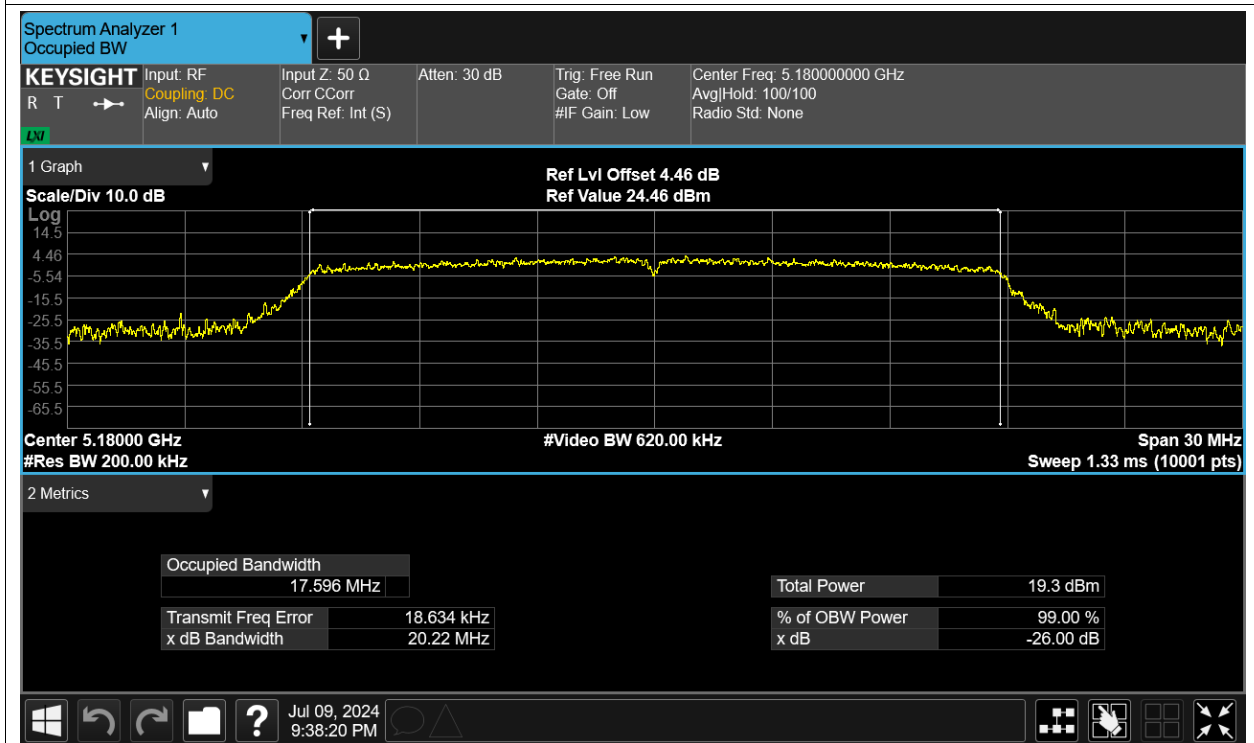
OBW NVNT a 5200MHz Ant13



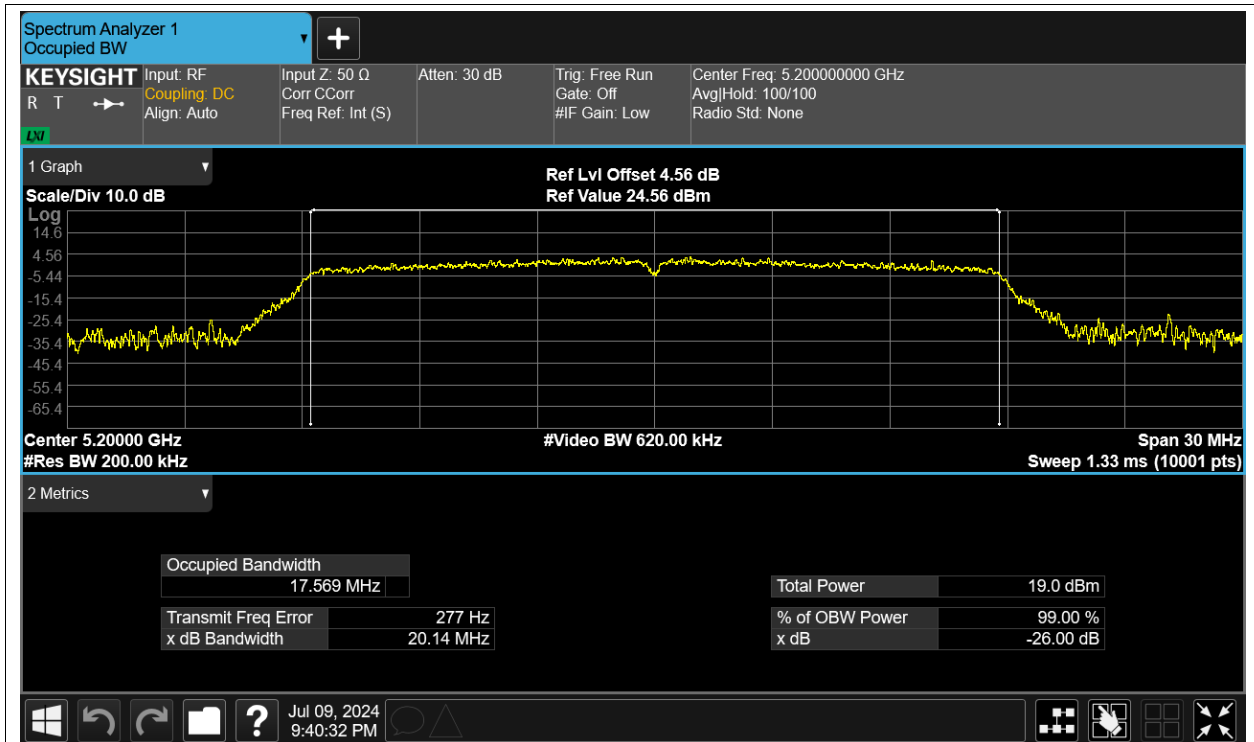
OBW NVNT a 5240MHz Ant13



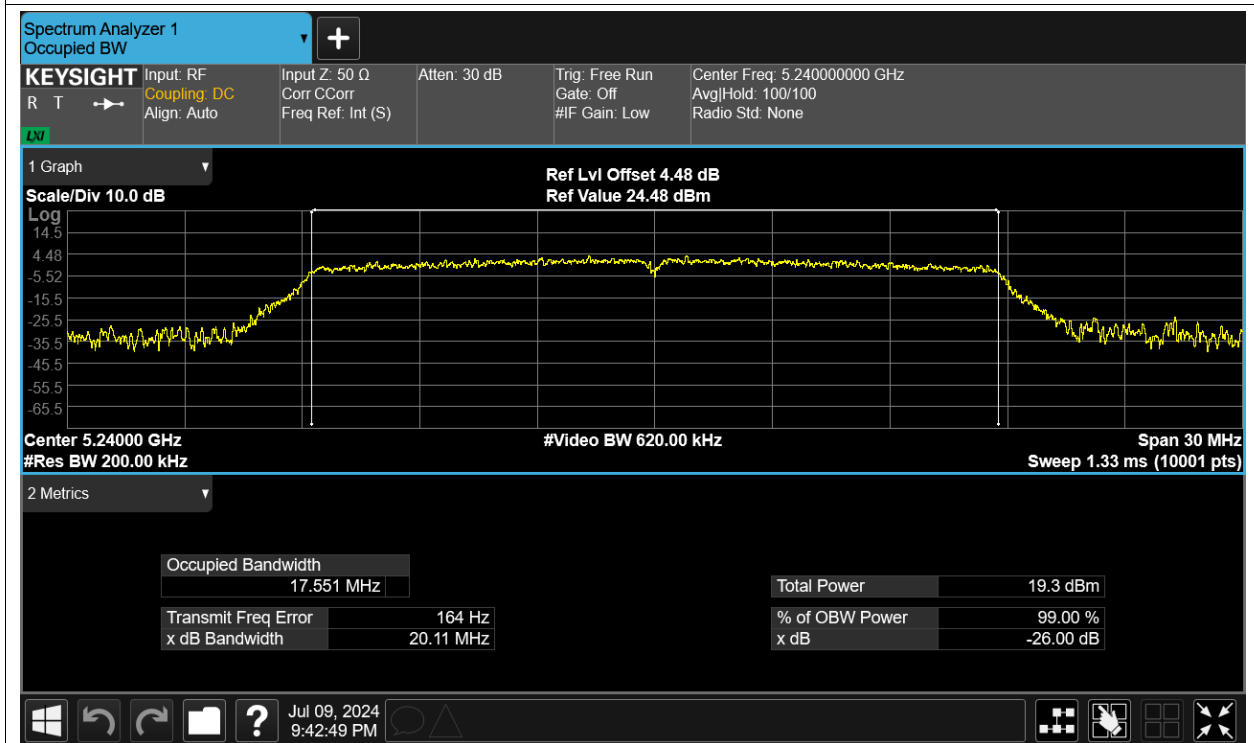
OBW NVNT ac20 5180MHz Ant13



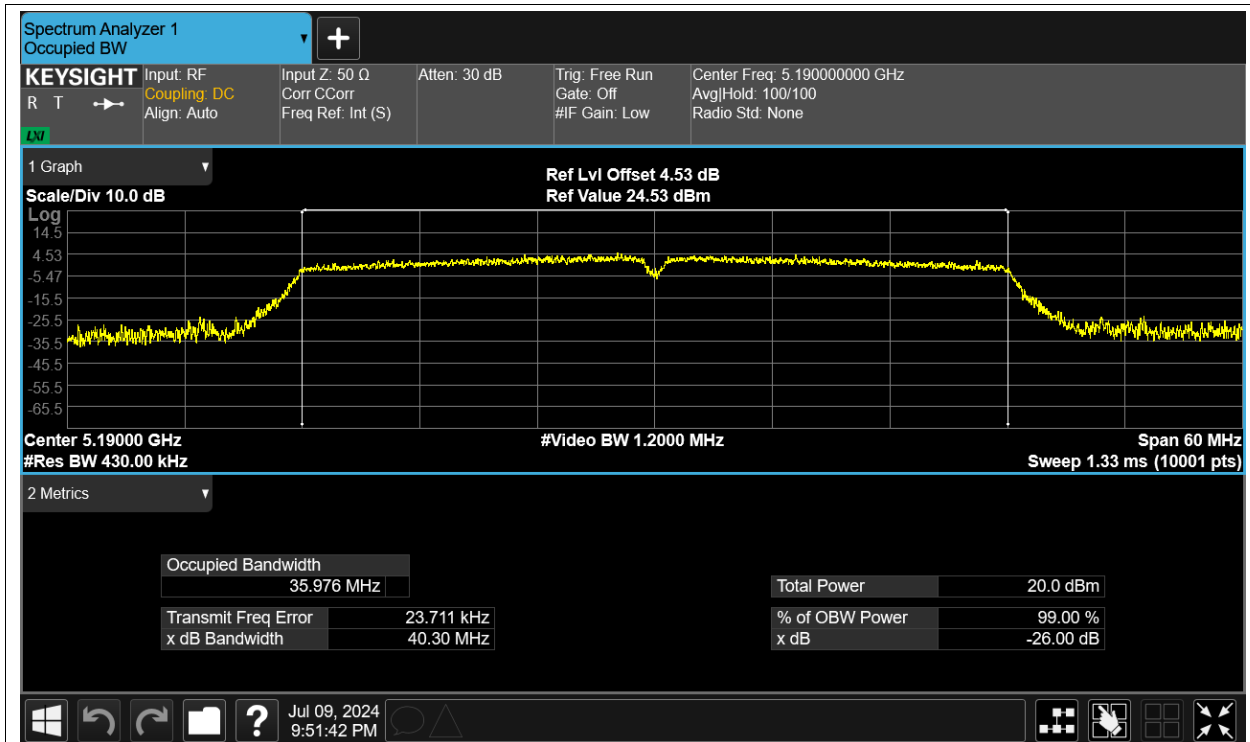
OBW NVNT ac20 5200MHz Ant13



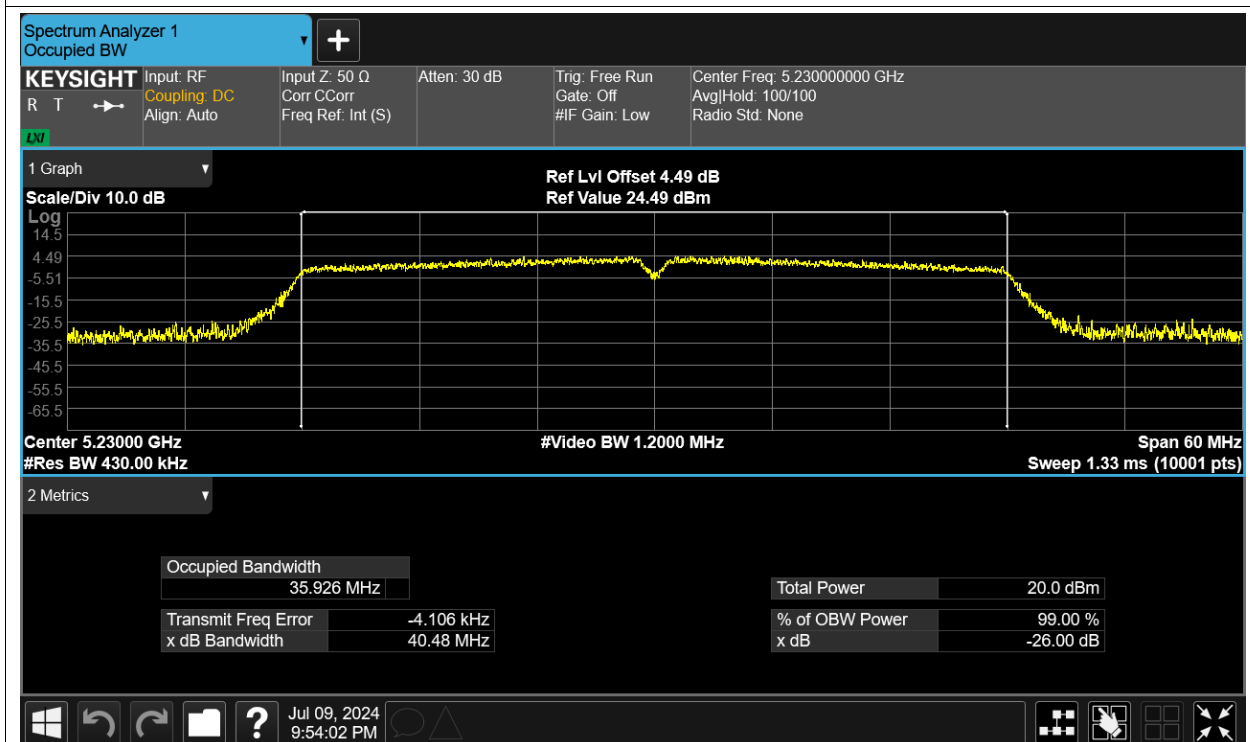
OBW NVNT ac20 5240MHz Ant13



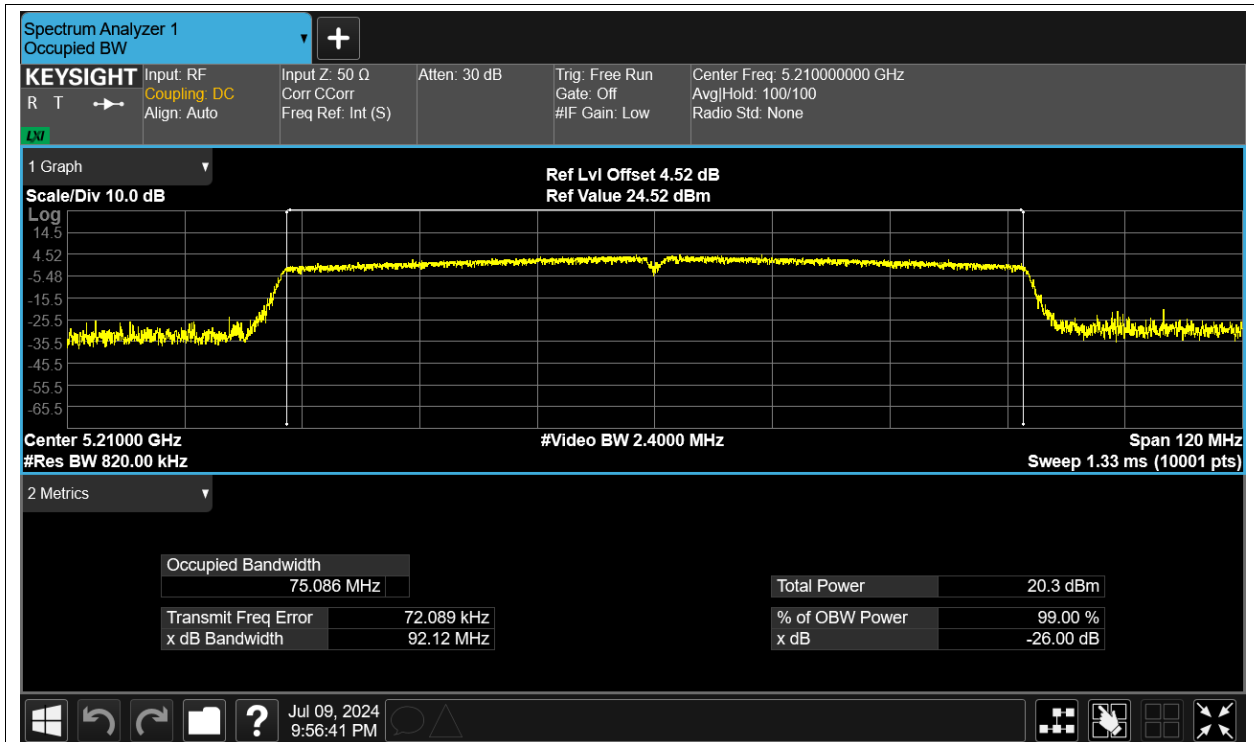
OBW NVNT ac40 5190MHz Ant13



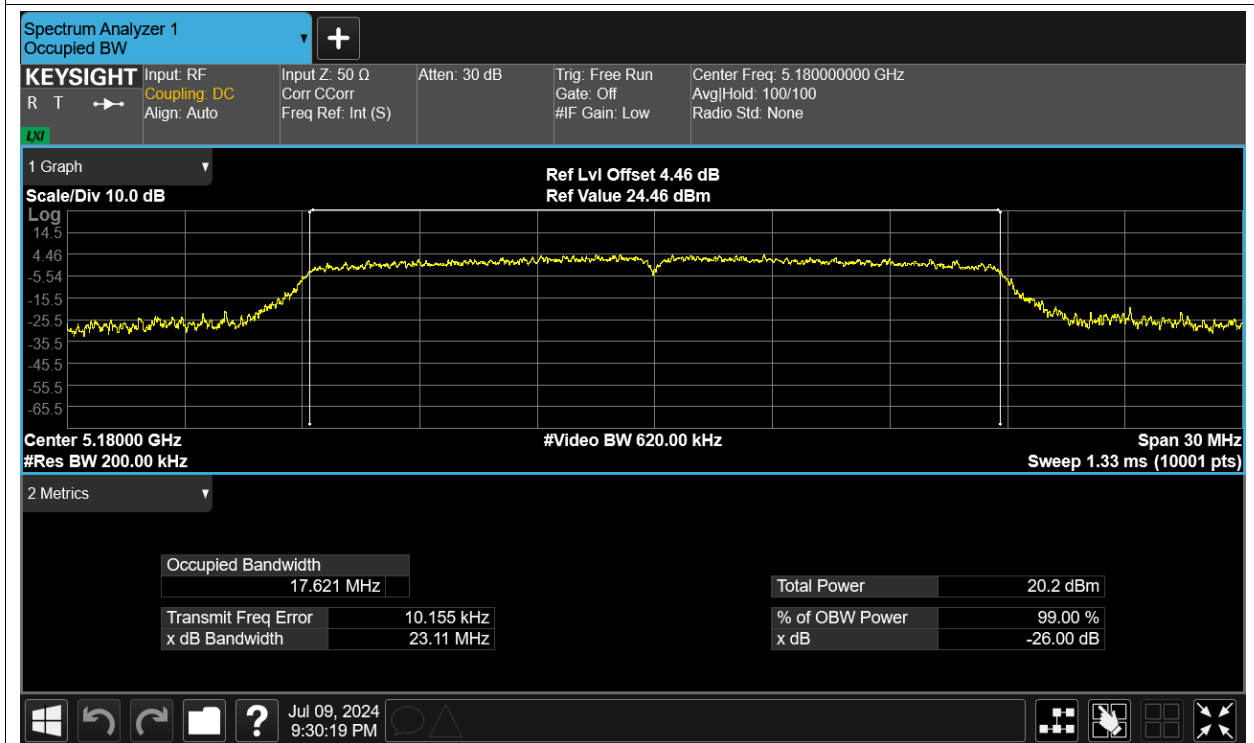
OBW NVNT ac40 5230MHz Ant13



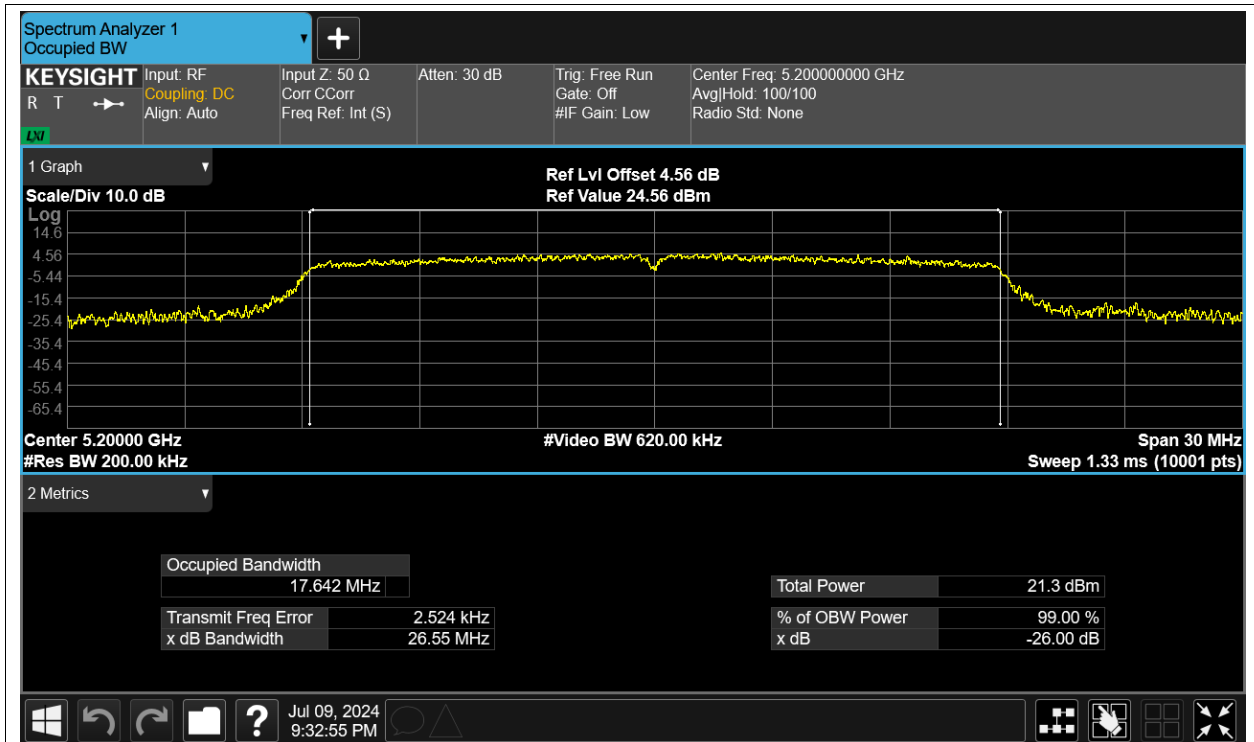
OBW NVNT ac80 5210MHz Ant13



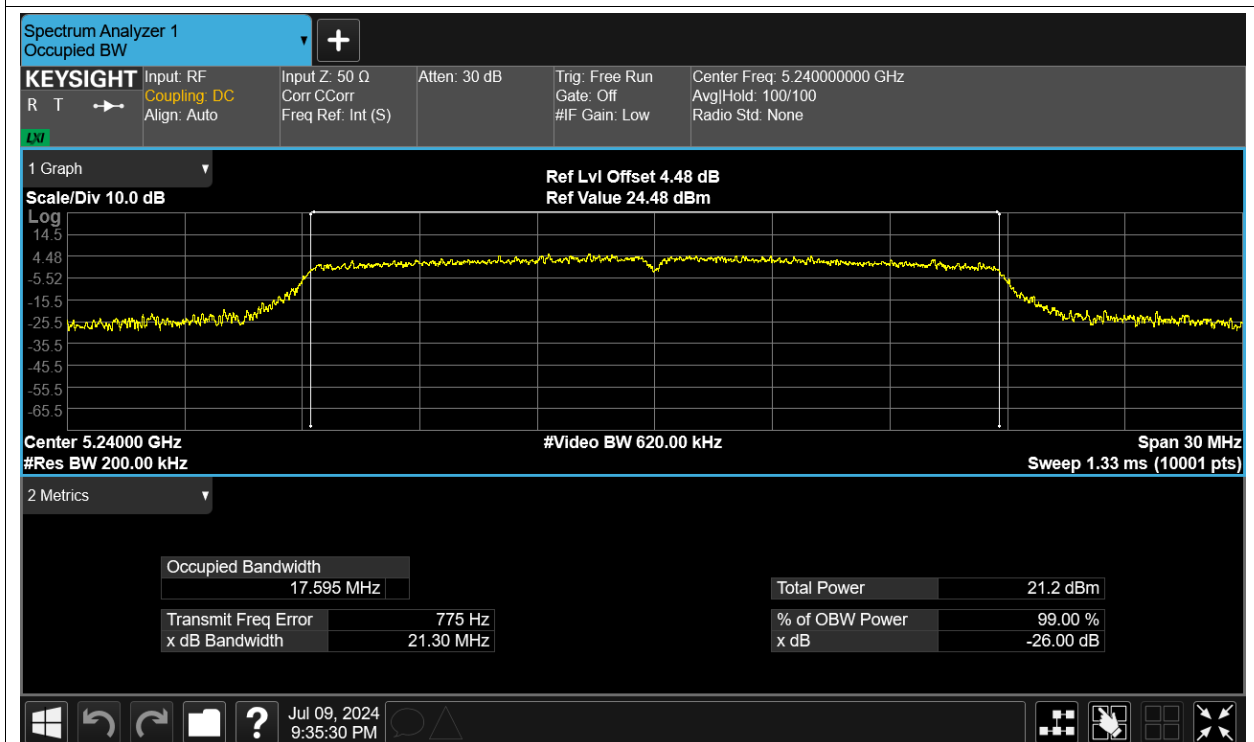
OBW NVNT n20 5180MHz Ant13



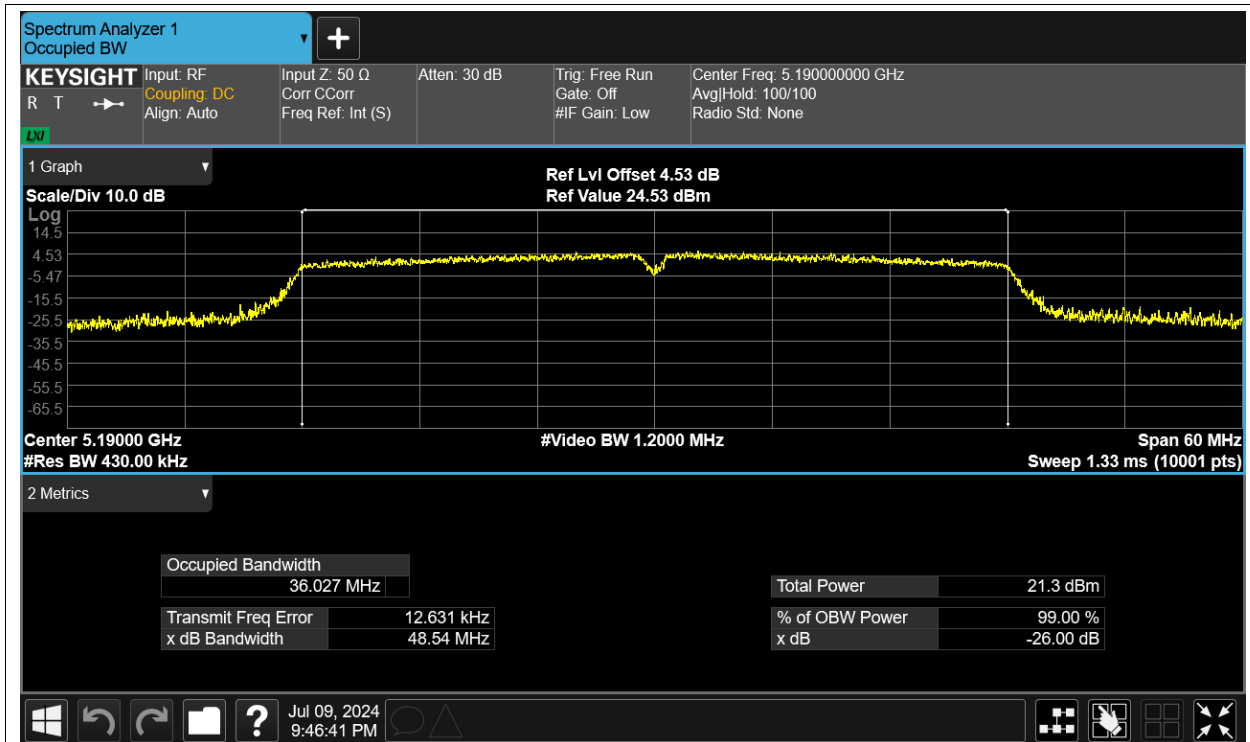
OBW NVNT n20 5200MHz Ant13



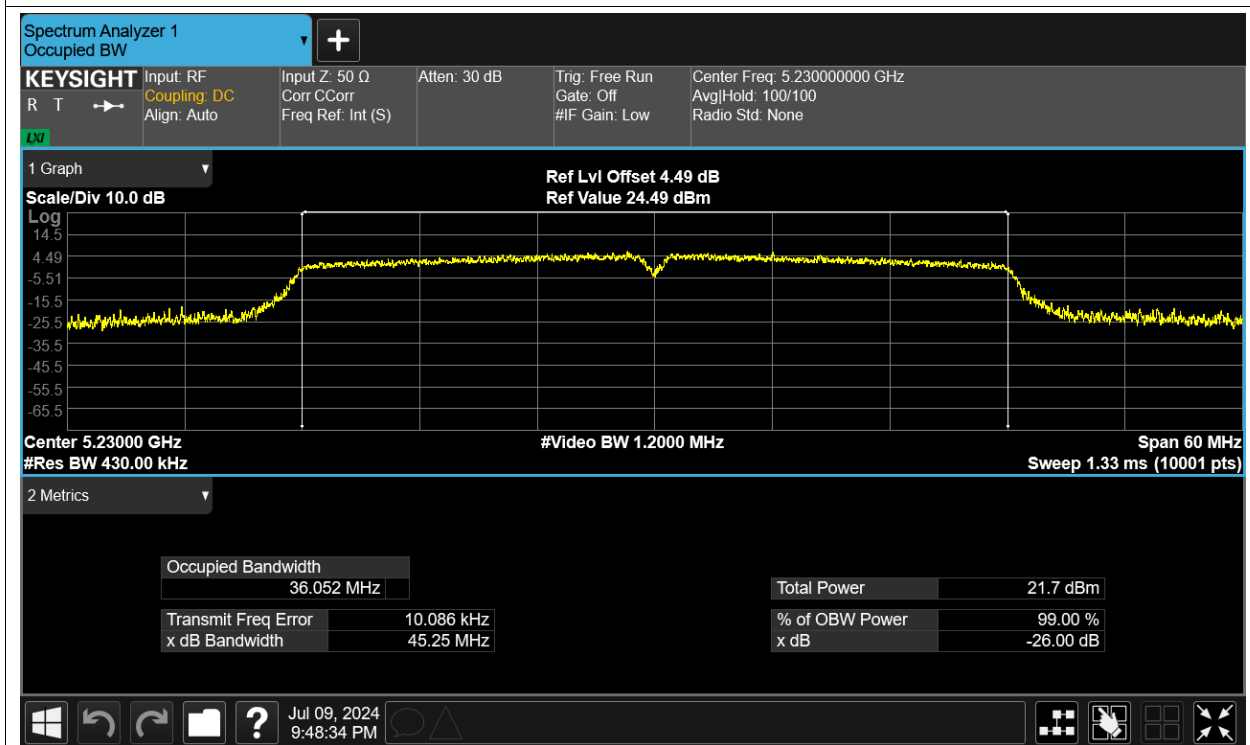
OBW NVNT n20 5240MHz Ant13



OBW NVNT n40 5190MHz Ant13



OBW NVNT n40 5230MHz Ant13

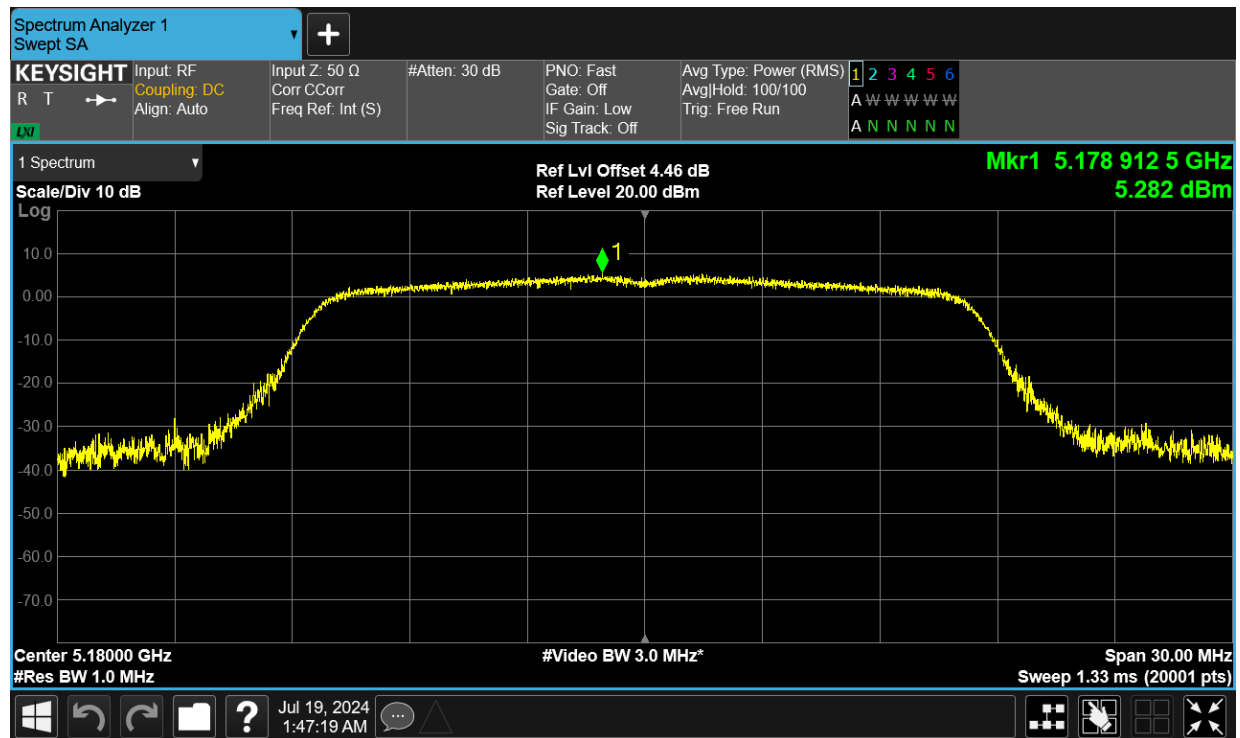


Maximum Power Spectral Density Level

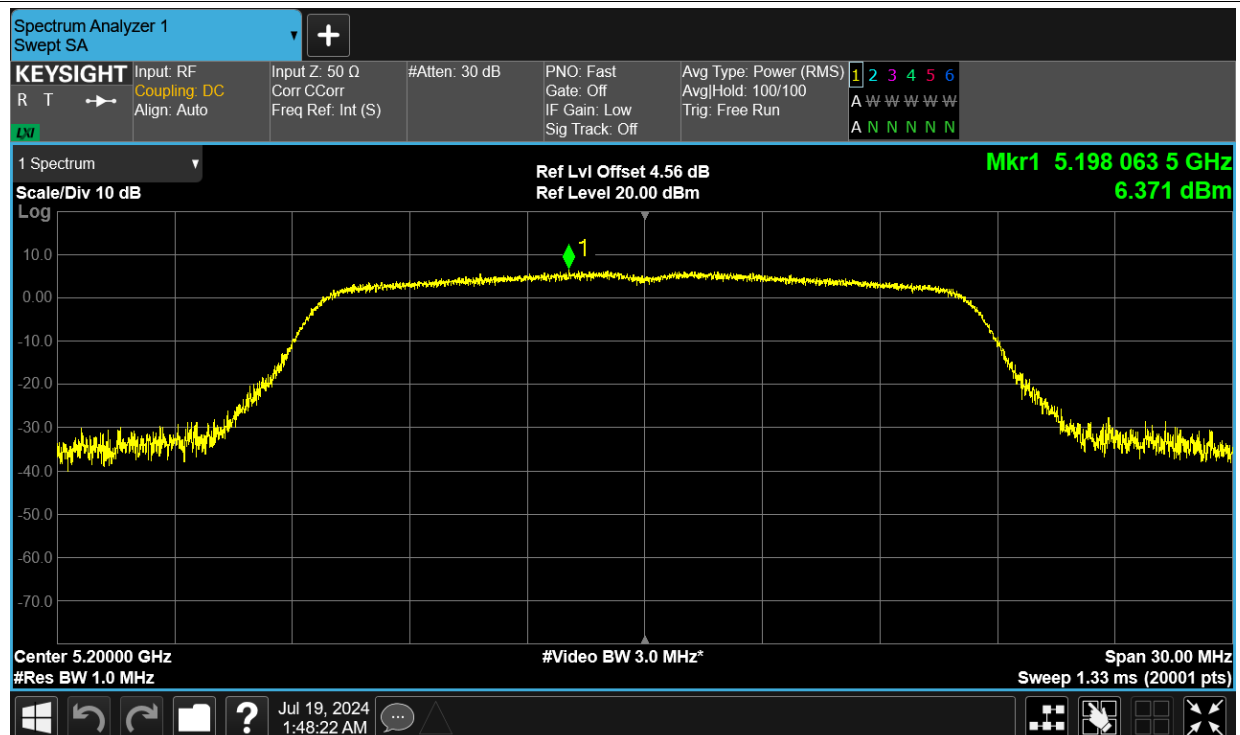
Condition	Mode	Frequency (MHz)	Antenna	Max PSD (dBm)	Limit (dBm)	Verdict
NVNT	a	5180	Ant13	5.282	11	Pass
NVNT	a	5200	Ant13	6.371	11	Pass
NVNT	a	5240	Ant13	6.505	11	Pass
NVNT	ac20	5180	Ant13	4.218	11	Pass
NVNT	ac20	5200	Ant13	4.88	11	Pass
NVNT	ac20	5240	Ant13	5.296	11	Pass
NVNT	ac40	5190	Ant13	-0.969	11	Pass
NVNT	ac40	5230	Ant13	-0.113	11	Pass
NVNT	ac80	5210	Ant13	-5.764	11	Pass
NVNT	n20	5180	Ant13	6.157	11	Pass
NVNT	n20	5200	Ant13	5.886	11	Pass
NVNT	n20	5240	Ant13	5.811	11	Pass
NVNT	n40	5190	Ant13	-1.248	11	Pass
NVNT	n40	5230	Ant13	-0.521	11	Pass

Test Graphs

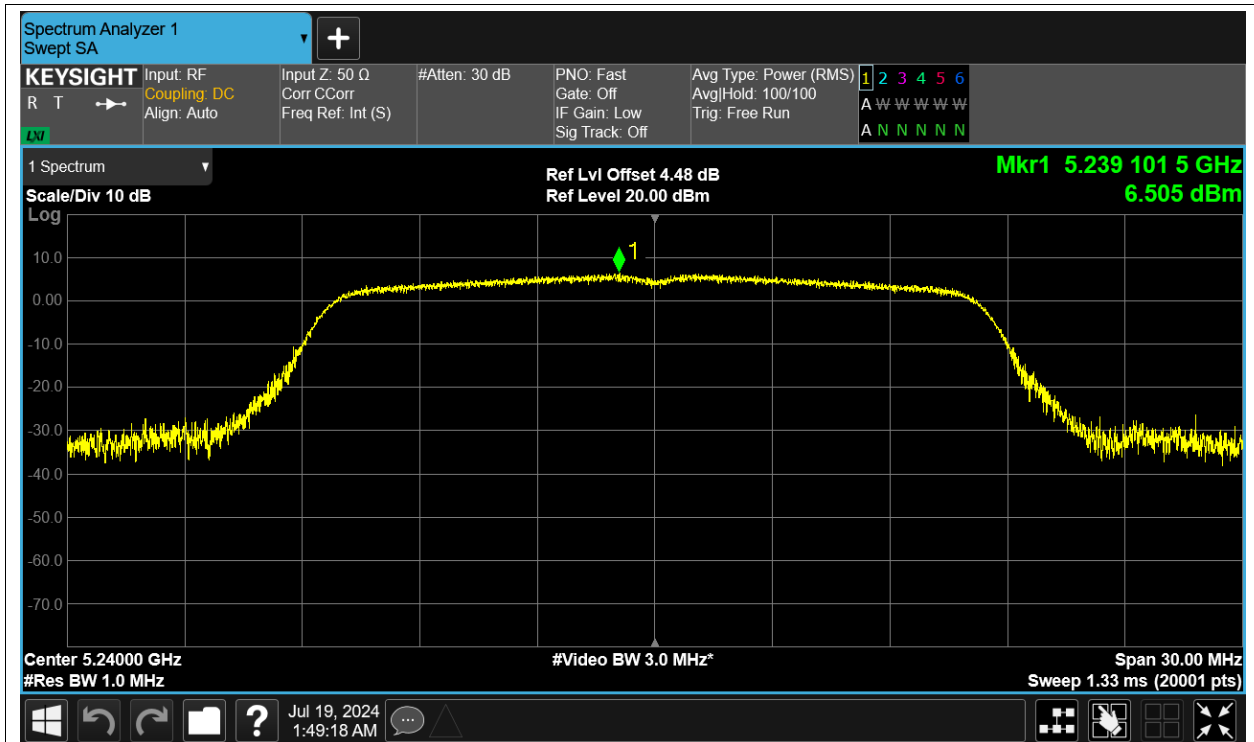
PSD NVNT a 5180MHz Ant13



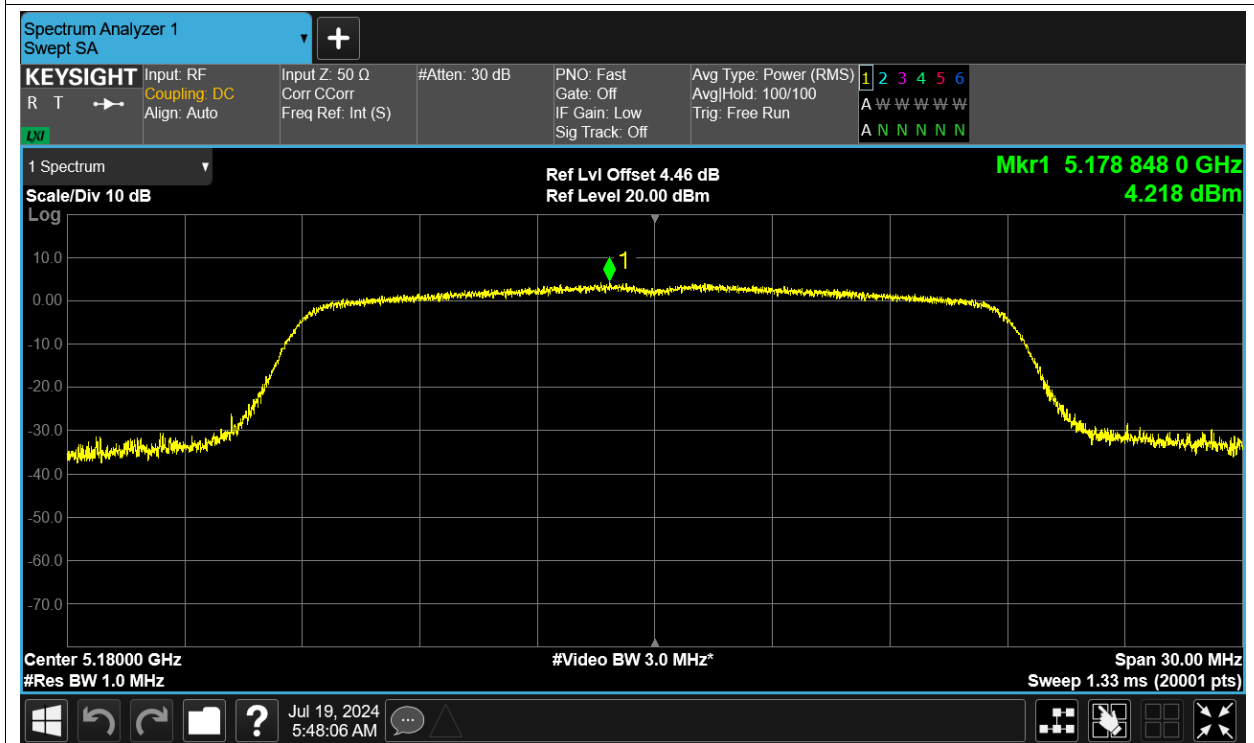
PSD NVNT a 5200MHz Ant13



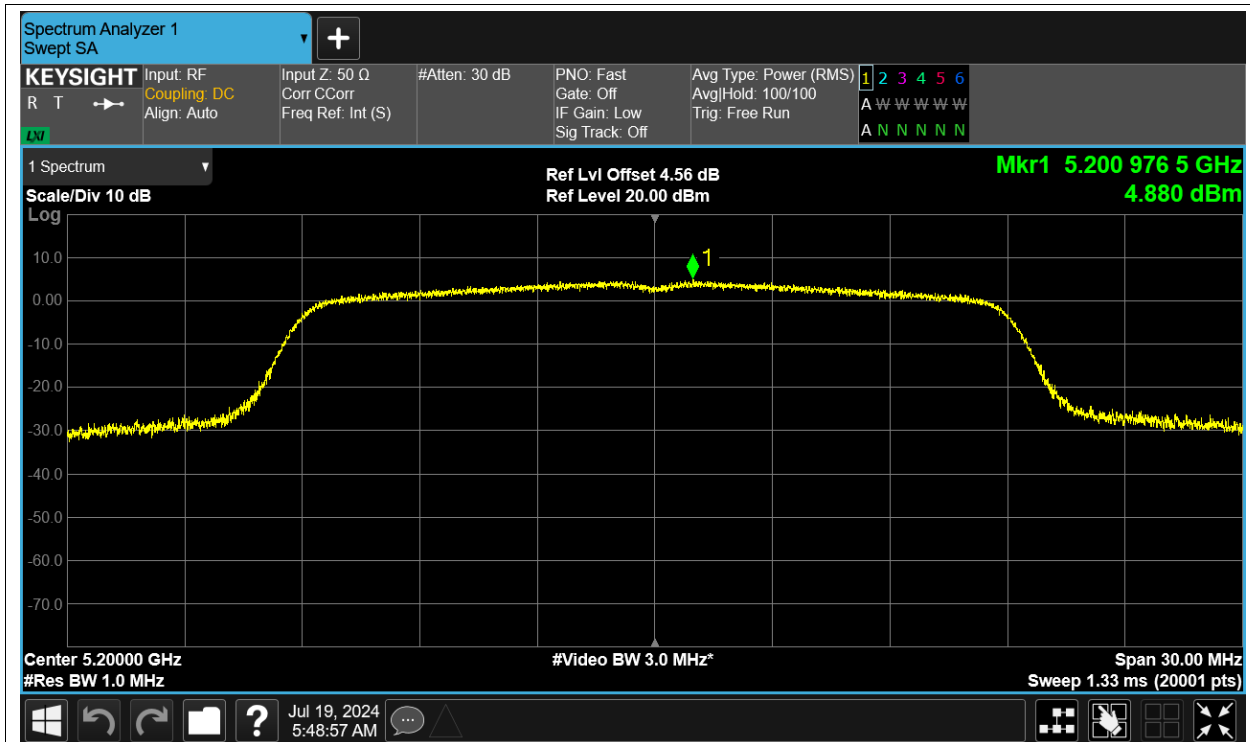
PSD NVNT a 5240MHz Ant13



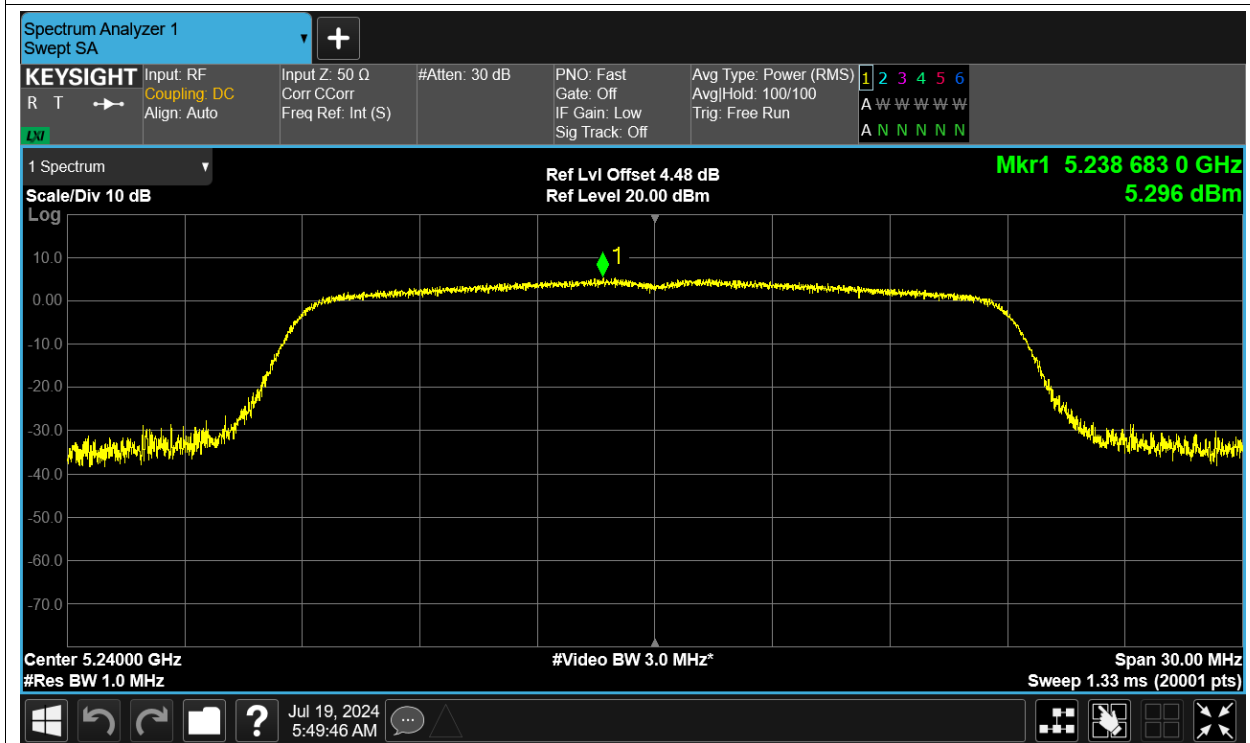
PSD NVNT ac20 5180MHz Ant13



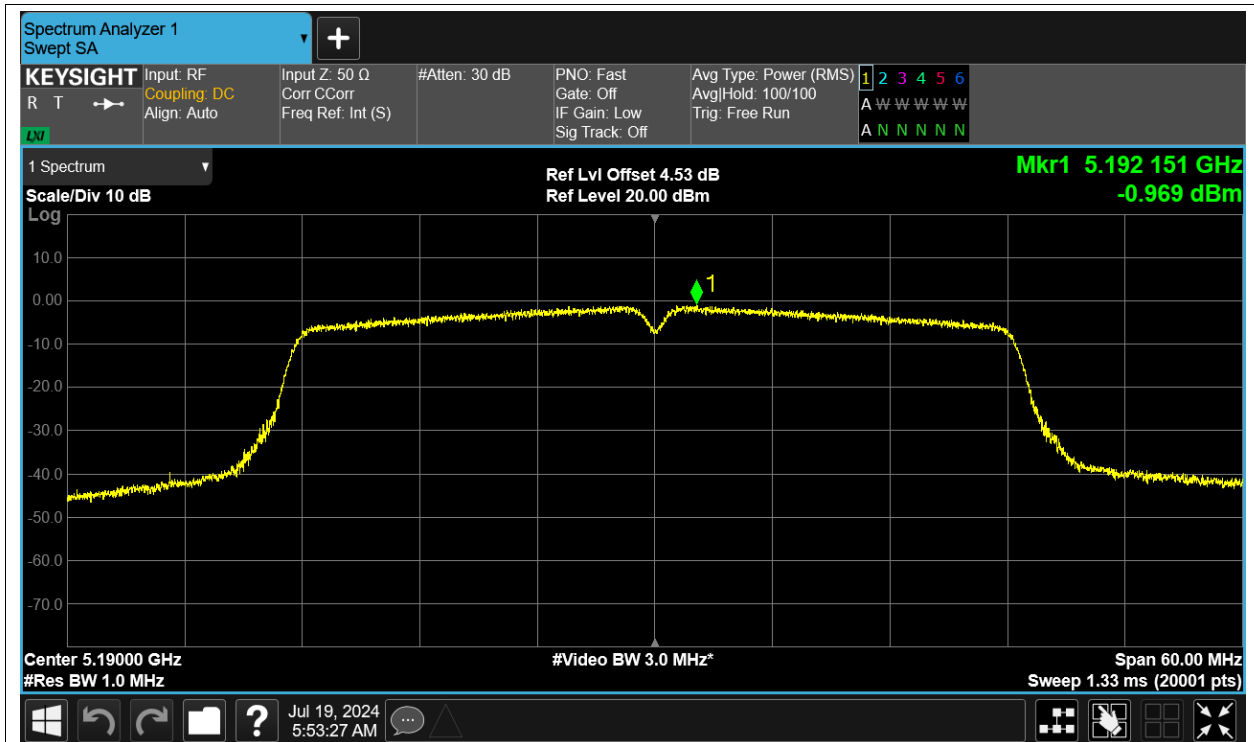
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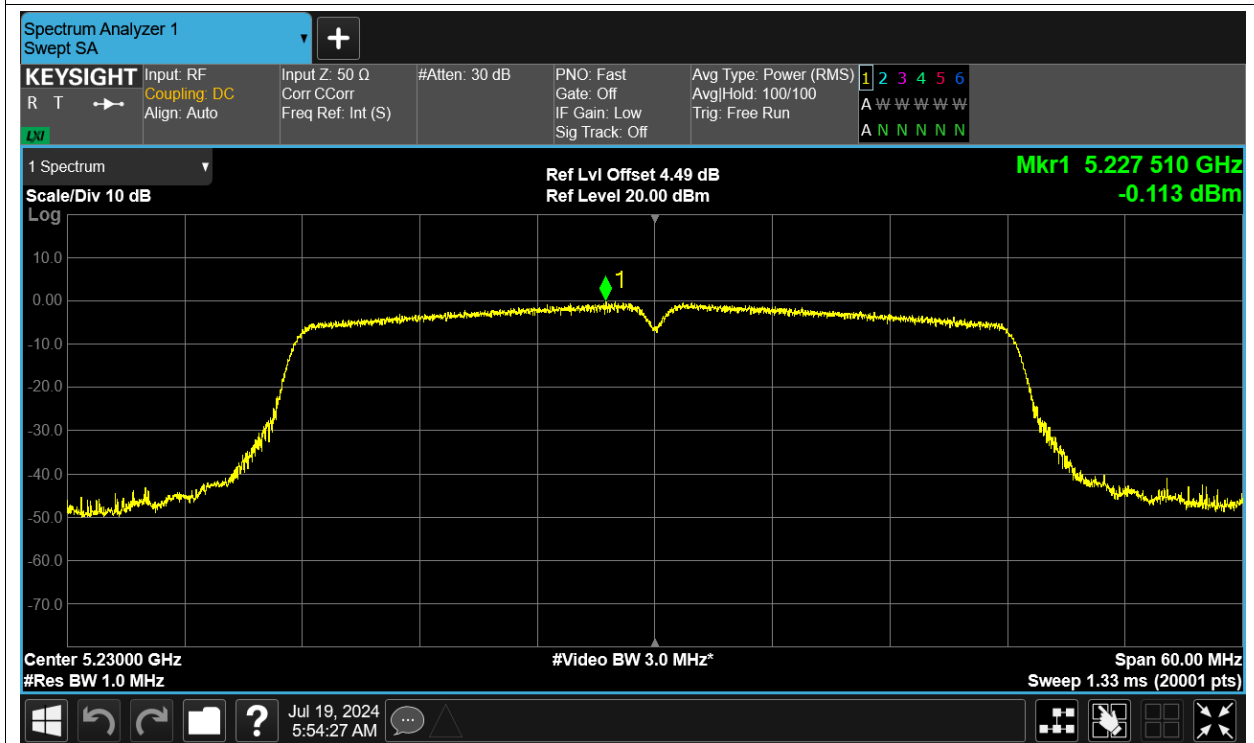
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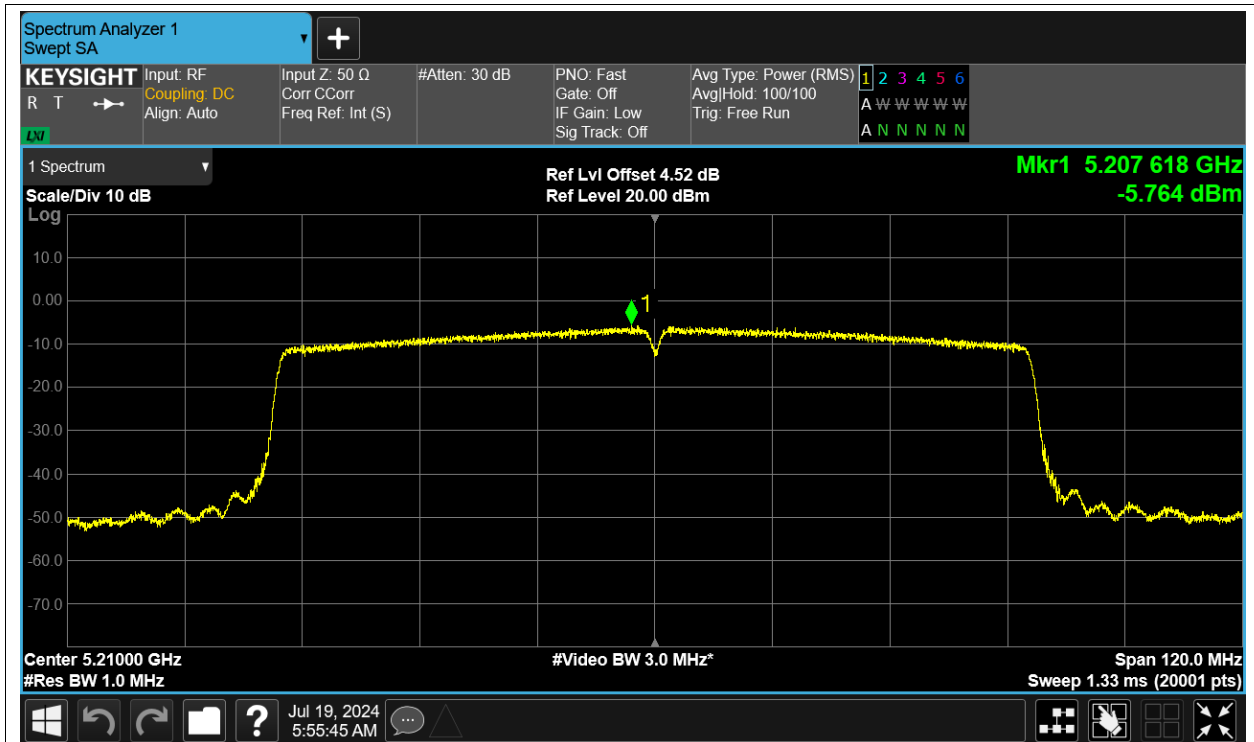
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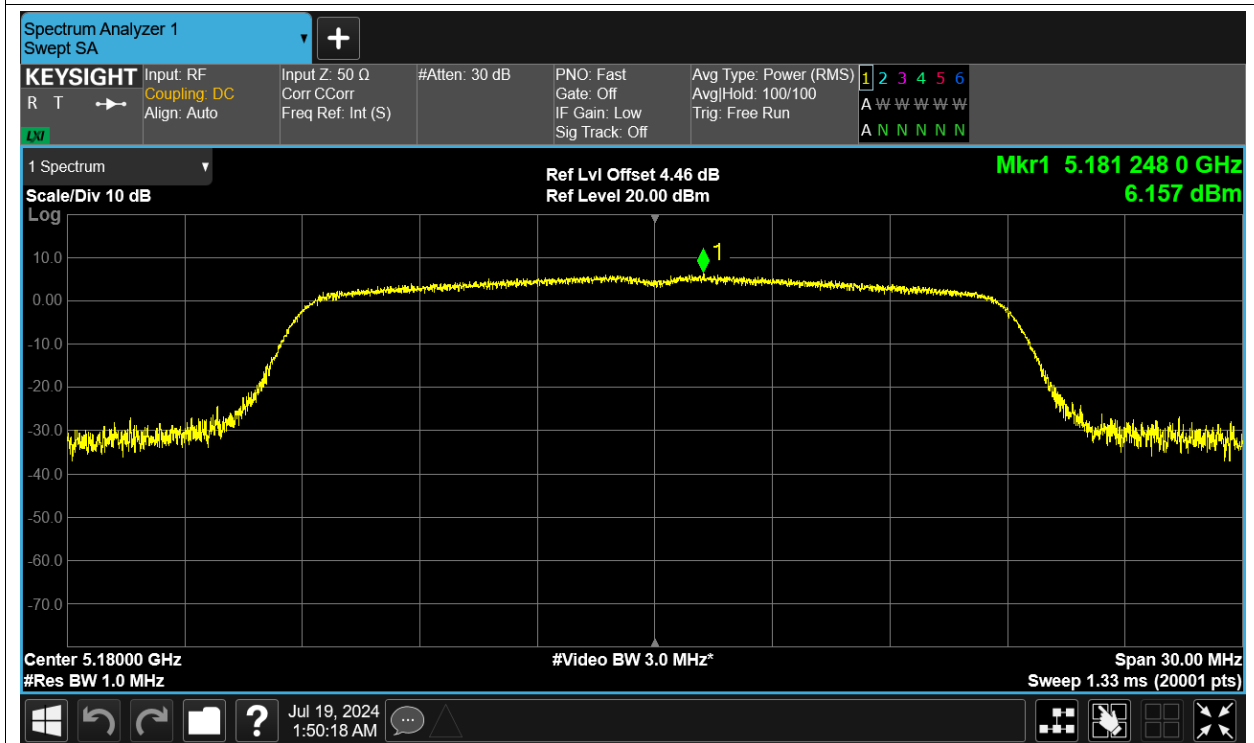
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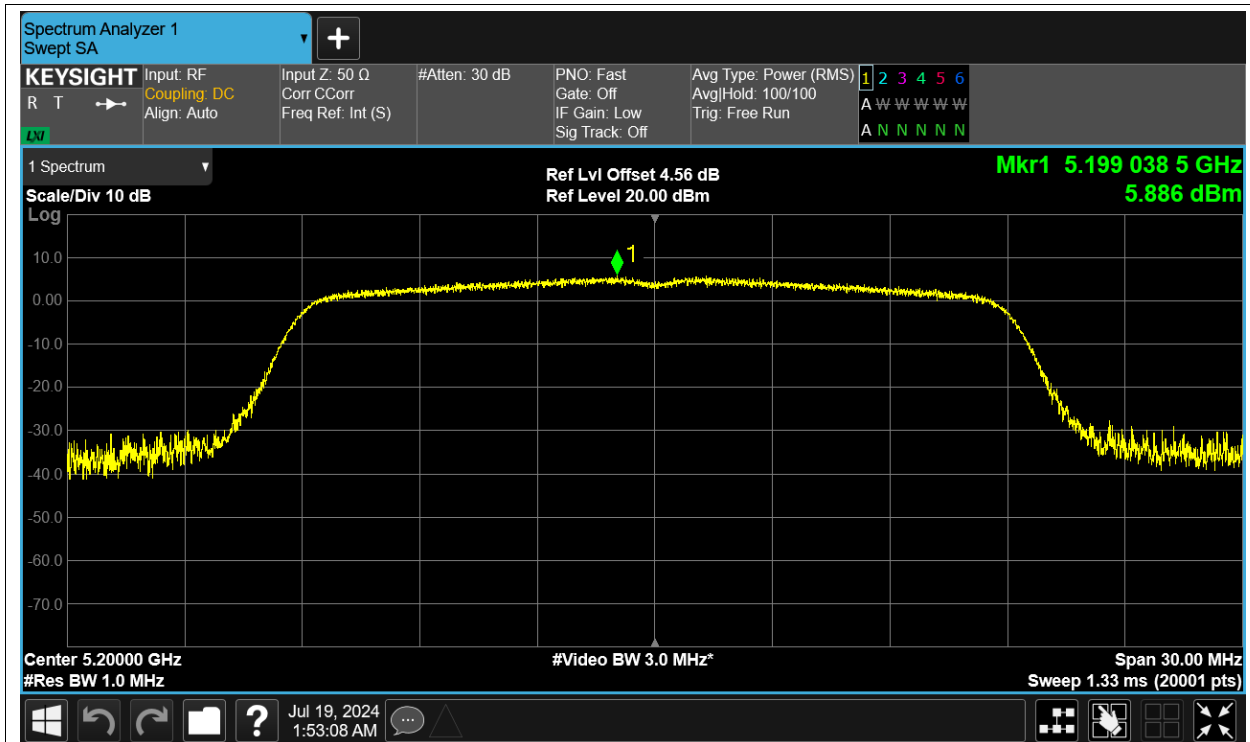
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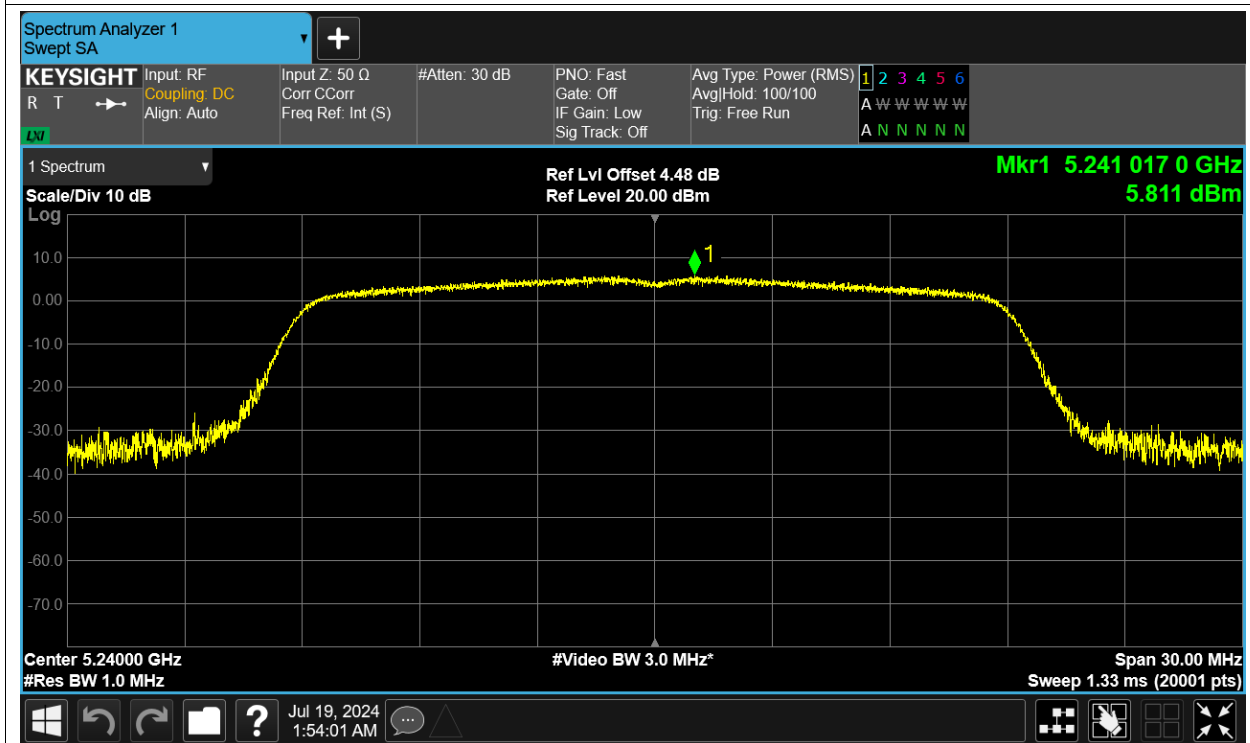
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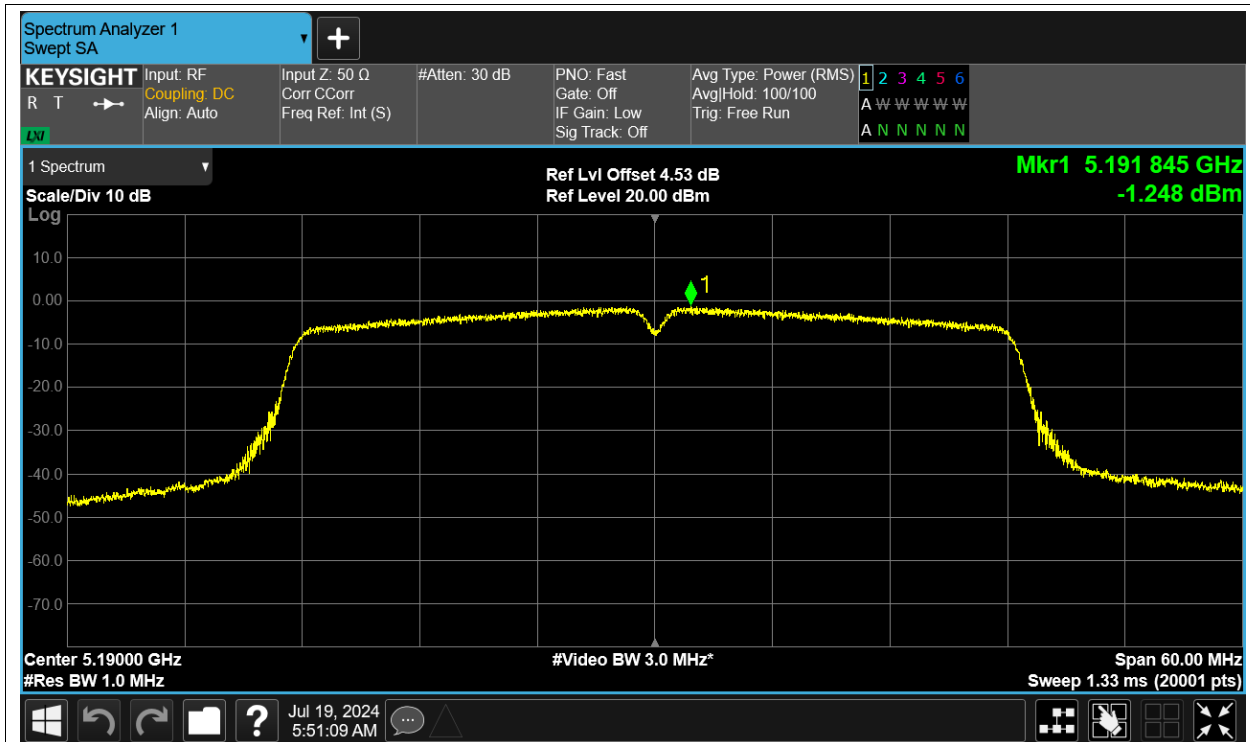
PSD NVNT n20 5200MHz Ant13



PSD NVNT n20 5240MHz Ant13



PSD NVNT n40 5190MHz Ant13



PSD NVNT n40 5230MHz Ant13

