

Test Data

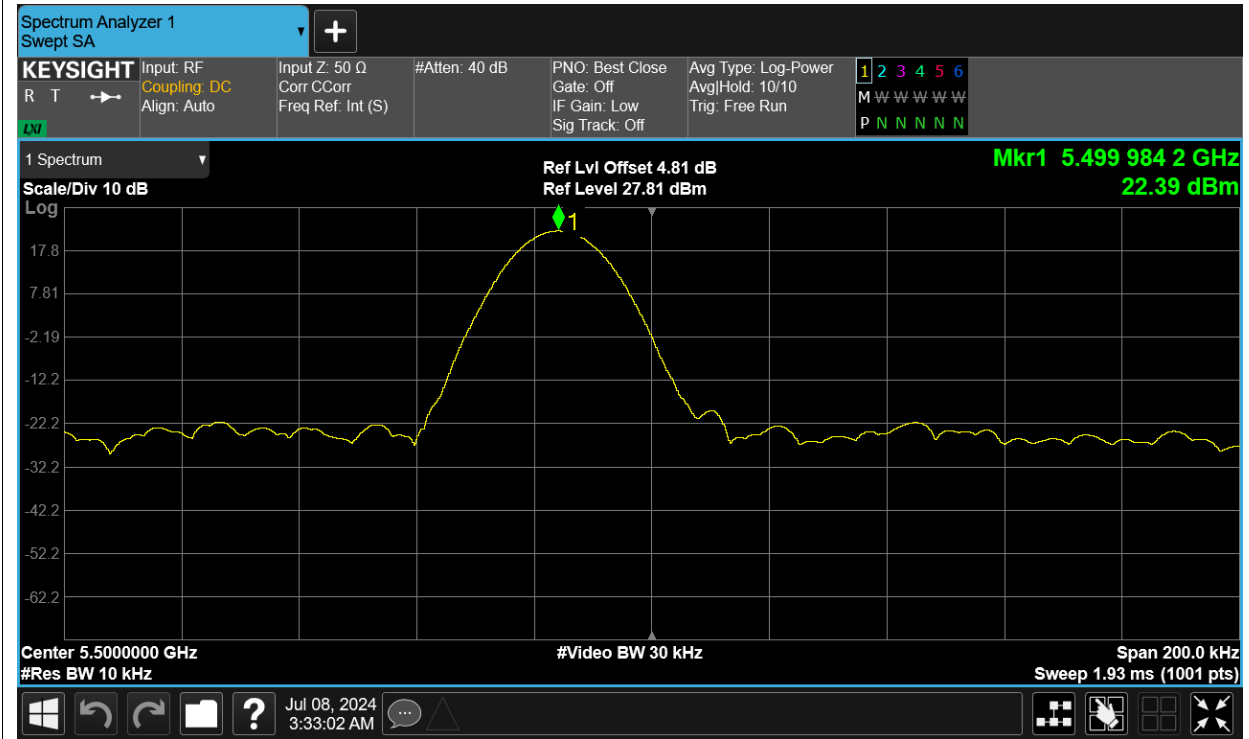
Frequency Stability

Condition	Mode	Frequency (MHz)	Antenna	Measured Frequency (MHz)	Deviation (ppm)	Limit (ppm)	Verdict
HVNT	a	5500	Ant2	5499.9842	-2.87	Within authorized band	Pass
LVNT	a	5500	Ant2	5499.9844	-2.84		Pass
NVHT	a	5500	Ant2	5499.9848	-2.76		Pass
NVLT	a	5500	Ant2	5499.985	-2.73		Pass
NVNT	a	5500	Ant2	5499.9856	-2.62		Pass
HVNT	ac80	5530	Ant2	5529.9852	-2.68		Pass
LVNT	ac80	5530	Ant2	5529.9856	-2.6		Pass
NVHT	ac80	5530	Ant2	5529.986	-2.53		Pass
NVLT	ac80	5530	Ant2	5529.9864	-2.46		Pass
NVNT	ac80	5530	Ant2	5529.987	-2.35		Pass
HVNT	n40	5510	Ant2	5509.9848	-2.76		Pass
LVNT	n40	5510	Ant2	5509.985	-2.72		Pass
NVHT	n40	5510	Ant2	5509.9854	-2.65		Pass
NVLT	n40	5510	Ant2	5509.9856	-2.61		Pass
NVNT	n40	5510	Ant2	5509.986	-2.54		Pass

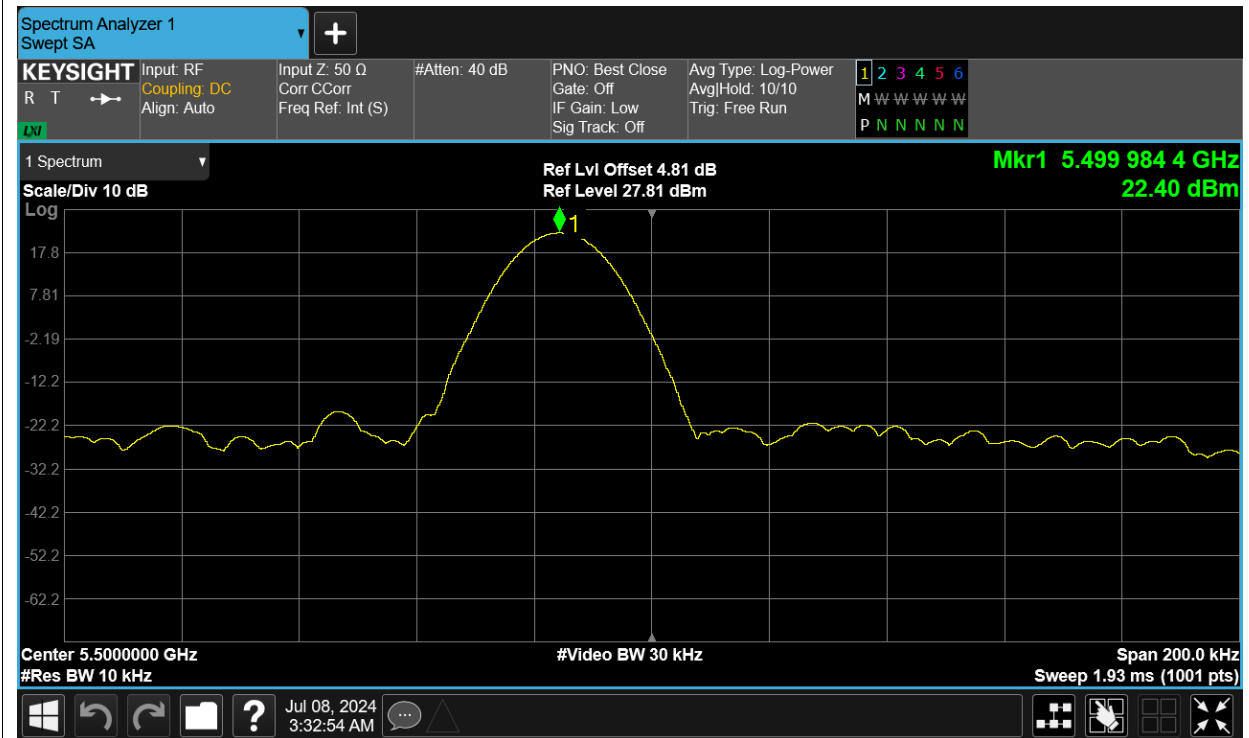
Remark: "NTNV" means Normal Temperature Normal Voltage, "NVHT" means Normal Voltage High Temperature, "NVLT" means Normal Voltage Low Temperature, "LVNT" means Low Voltage Normal Temperature, "HVNT" means High Voltage Normal Temperature.

Test Graphs

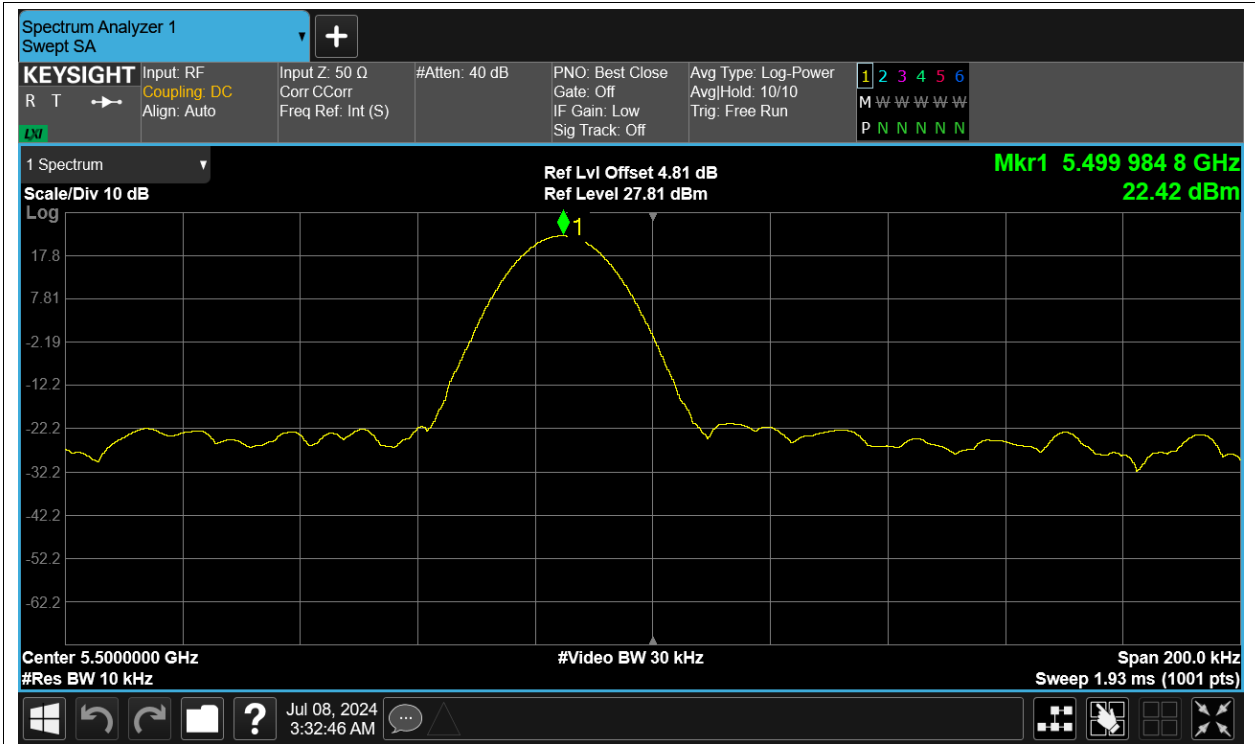
Freq. Stability HVNT a 5500MHz Ant2



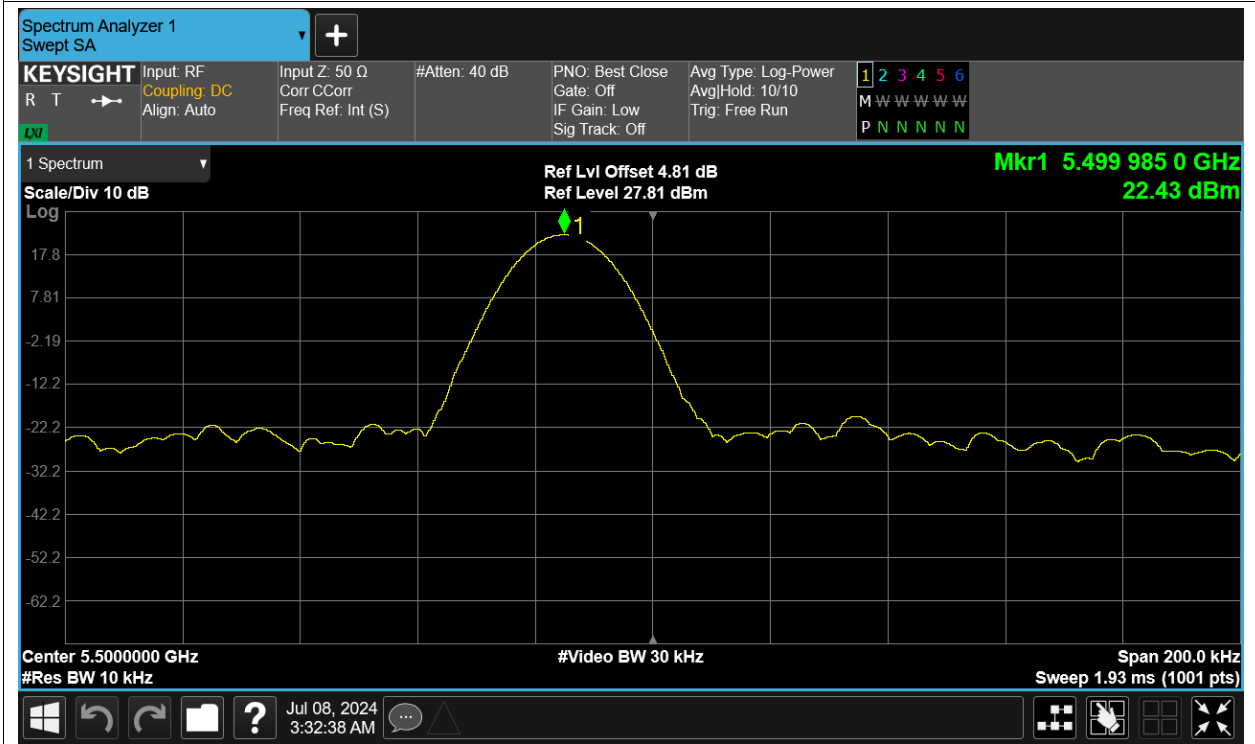
Freq. Stability LVNT a 5500MHz Ant2



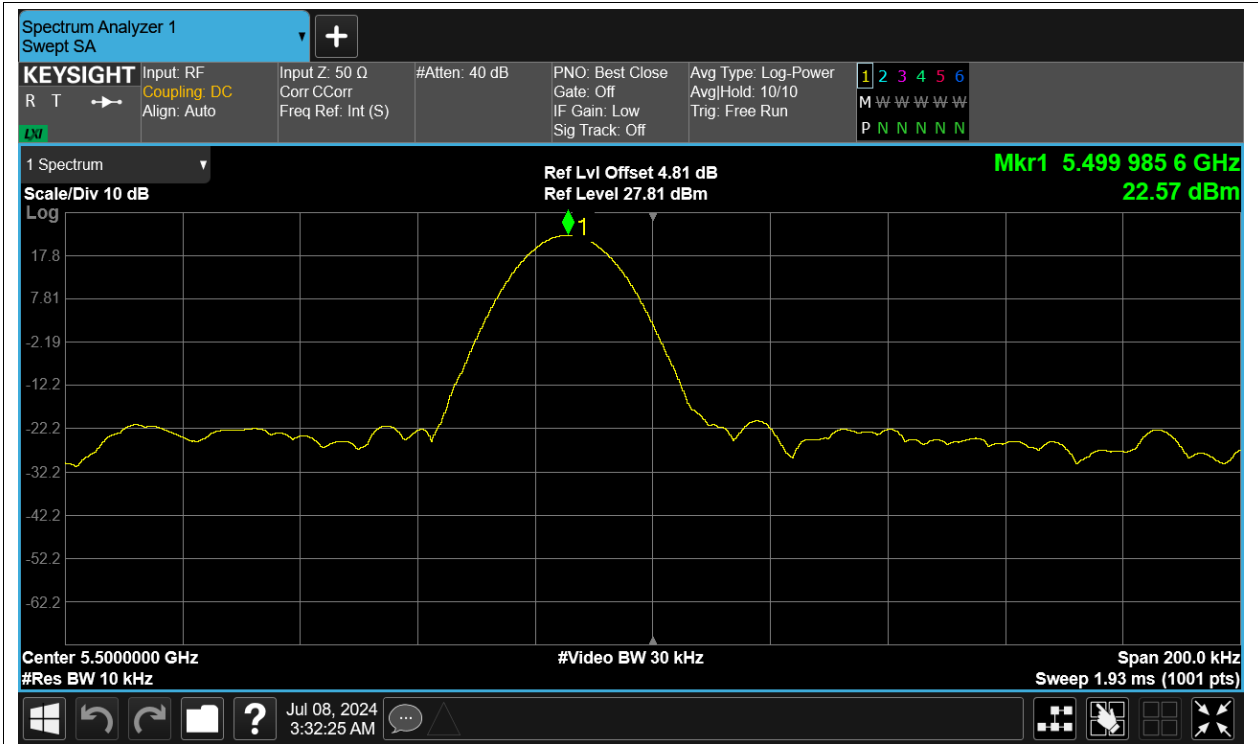
Freq. Stability NVHT a 5500MHz Ant2



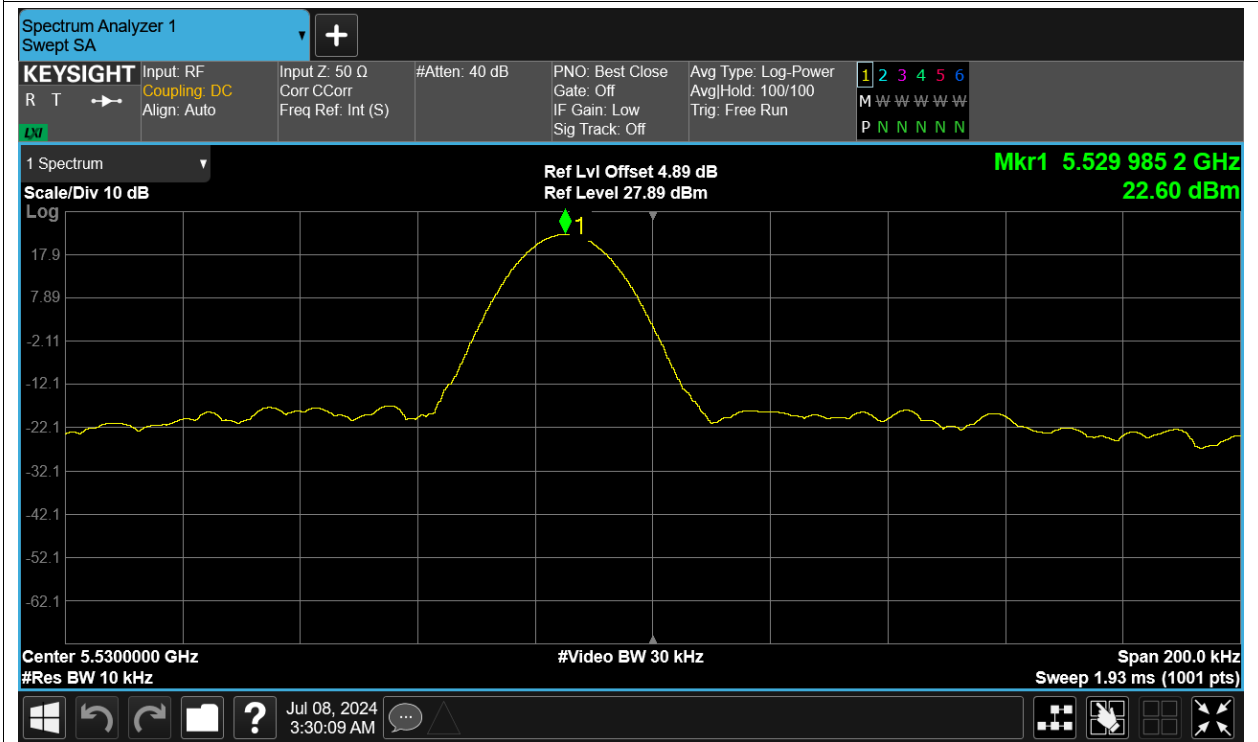
Freq. Stability NVLT a 5500MHz Ant2



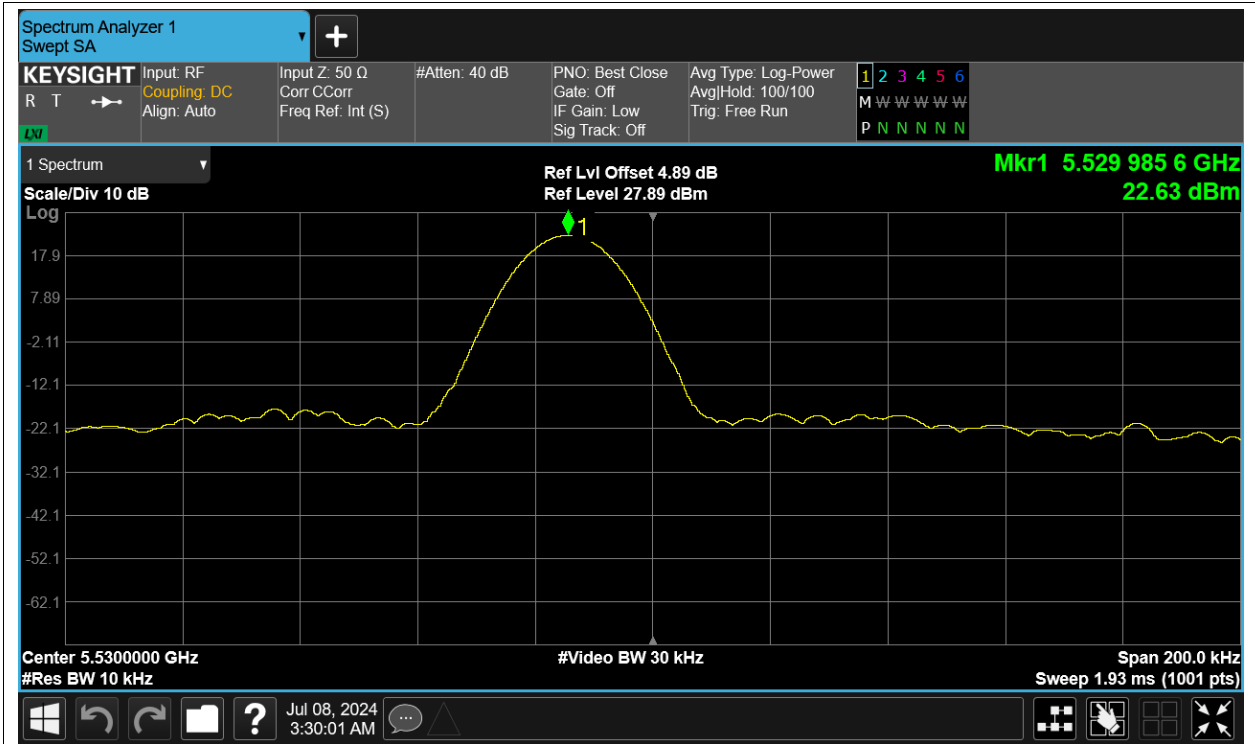
Freq. Stability NVNT a 5500MHz Ant2



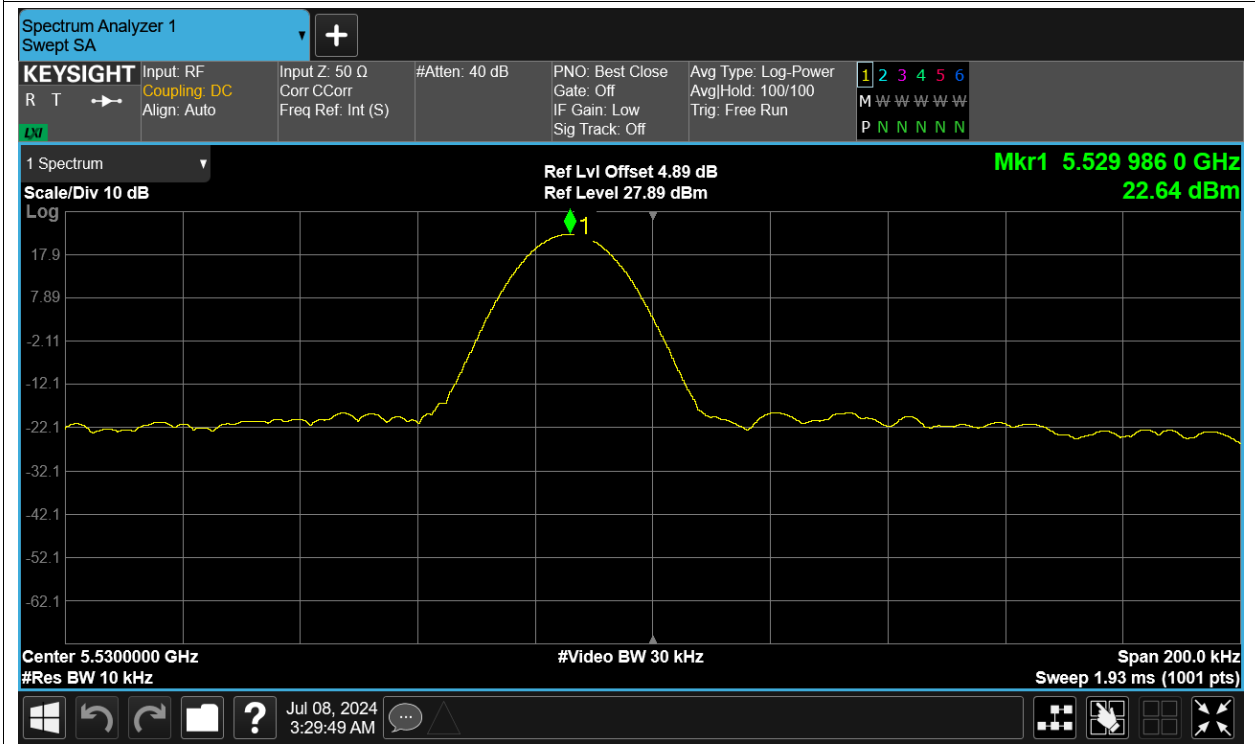
Freq. Stability HVNT ac80 5530MHz Ant2



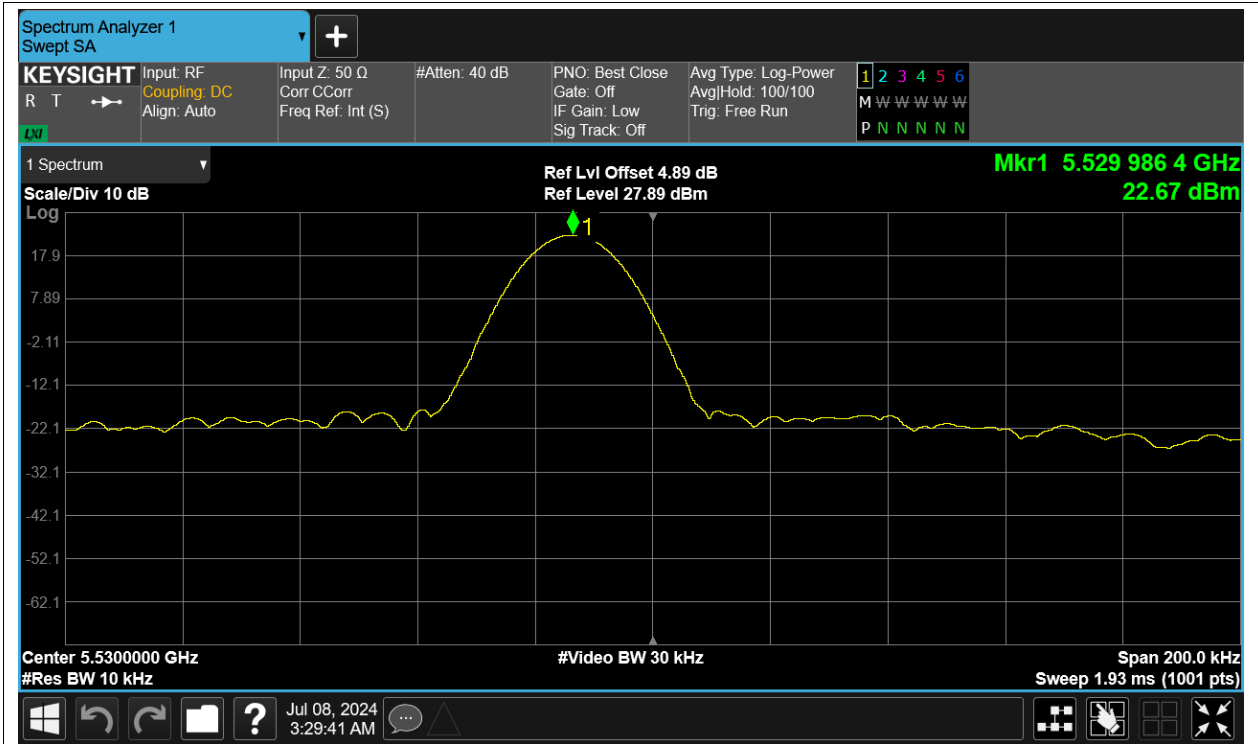
Freq. Stability LVNT ac80 5530MHz Ant2



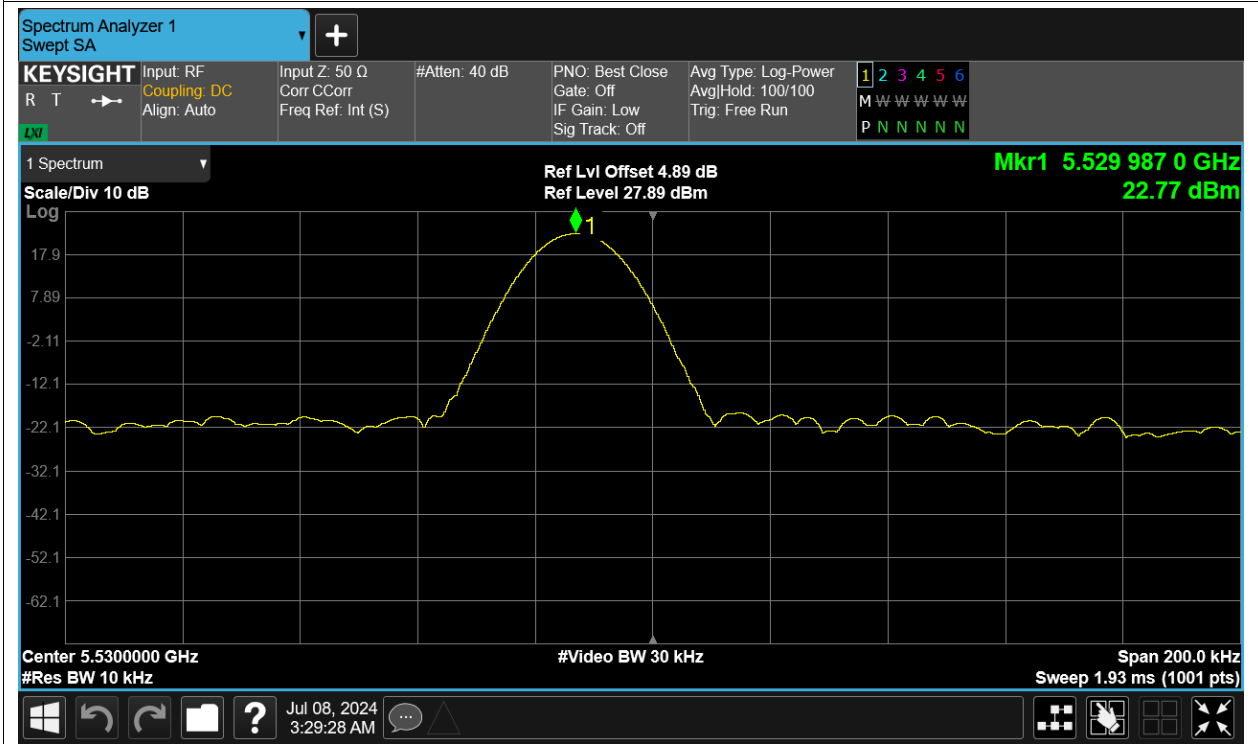
Freq. Stability NVHT ac80 5530MHz Ant2



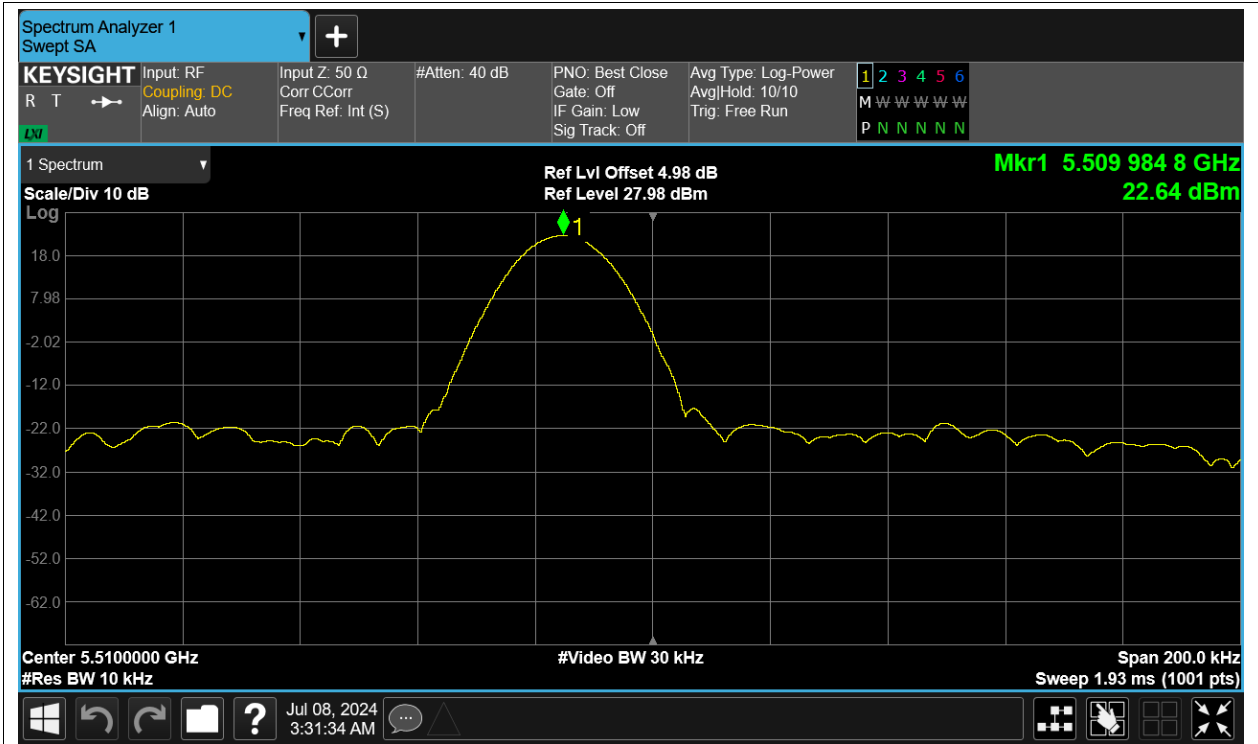
Freq. Stability NVLT ac80 5530MHz Ant2



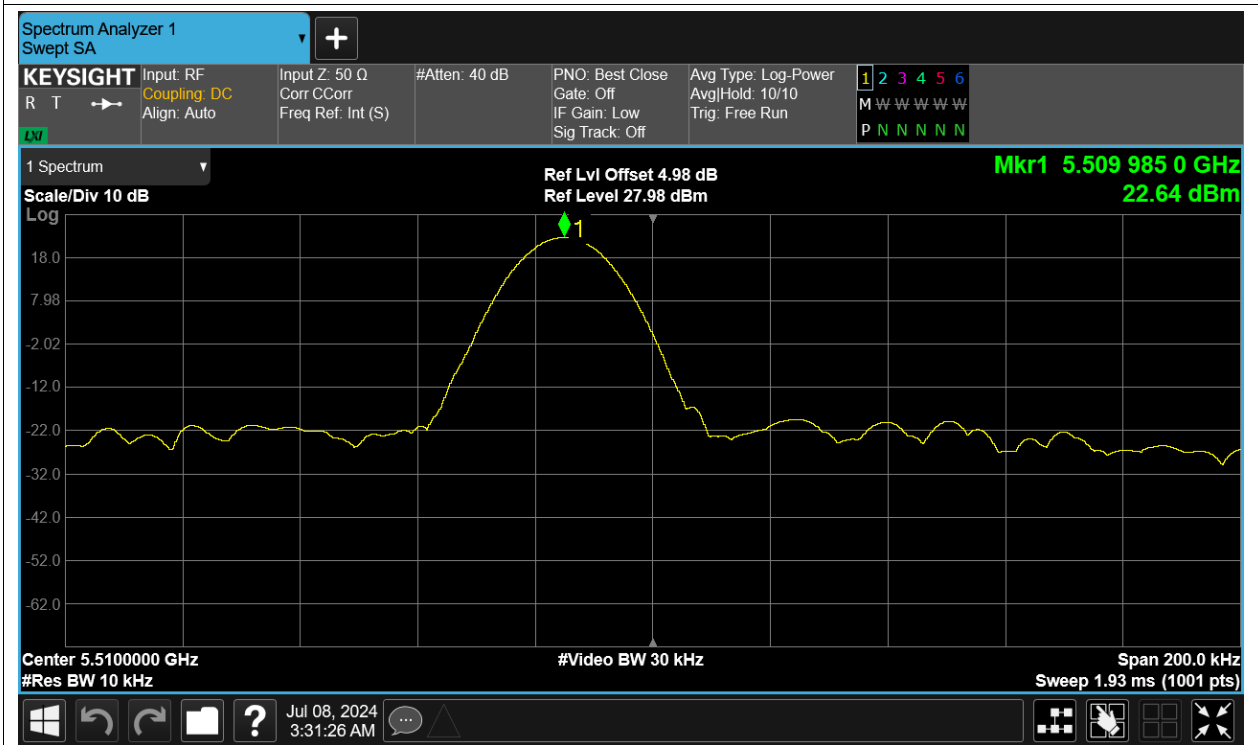
Freq. Stability NVNT ac80 5530MHz Ant2



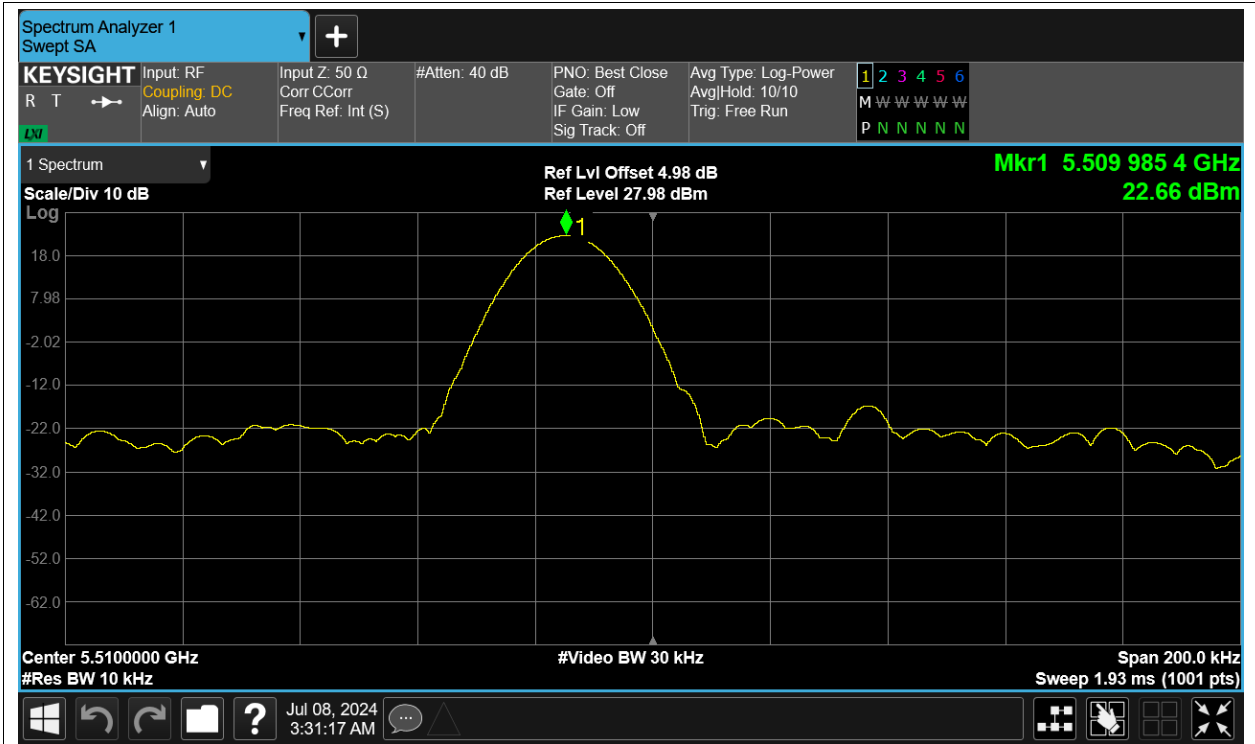
Freq. Stability HVNT n40 5510MHz Ant2



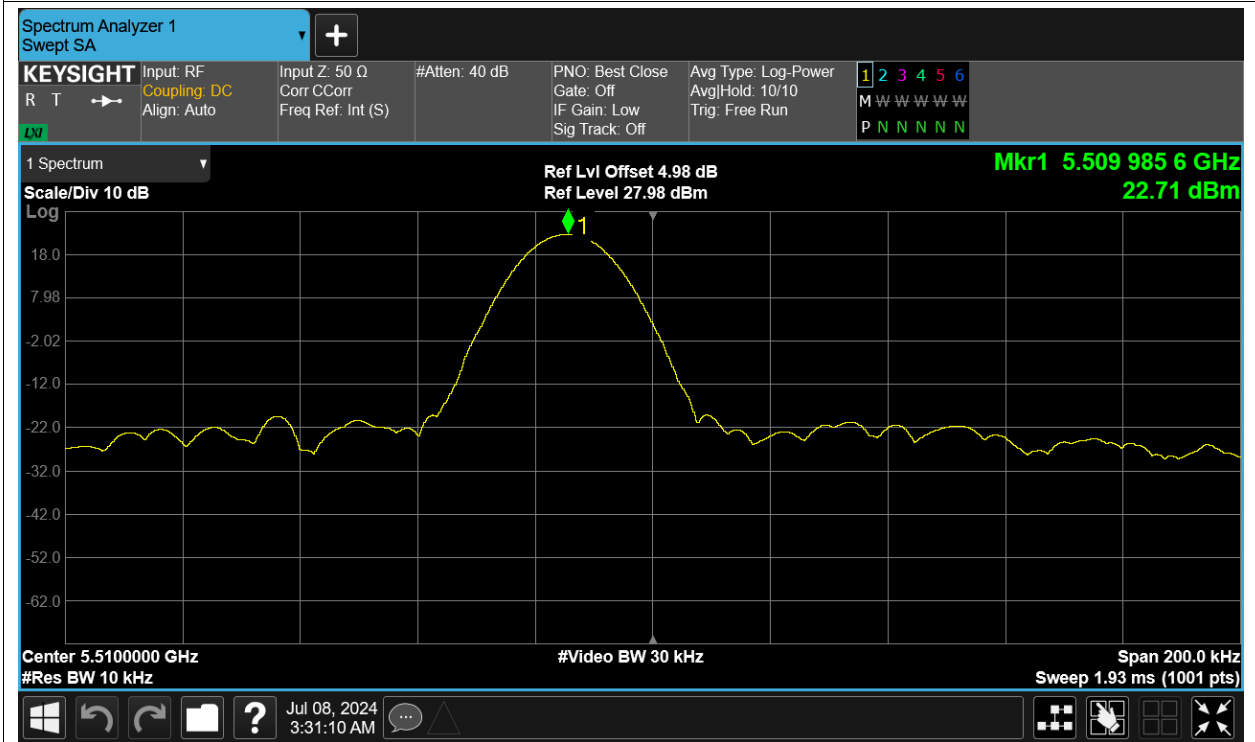
Freq. Stability LVNT n40 5510MHz Ant2



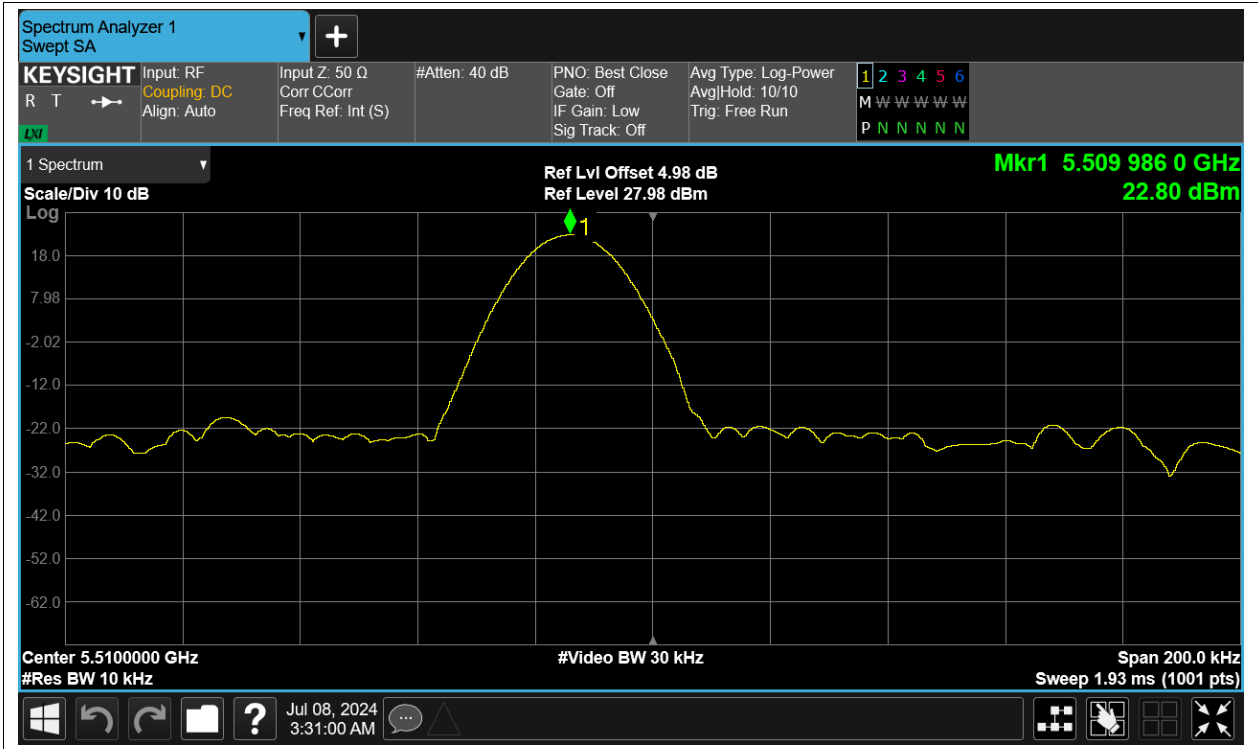
Freq. Stability NVHT n40 5510MHz Ant2



Freq. Stability NVLT n40 5510MHz Ant2



Freq. Stability NVNT n40 5510MHz Ant2

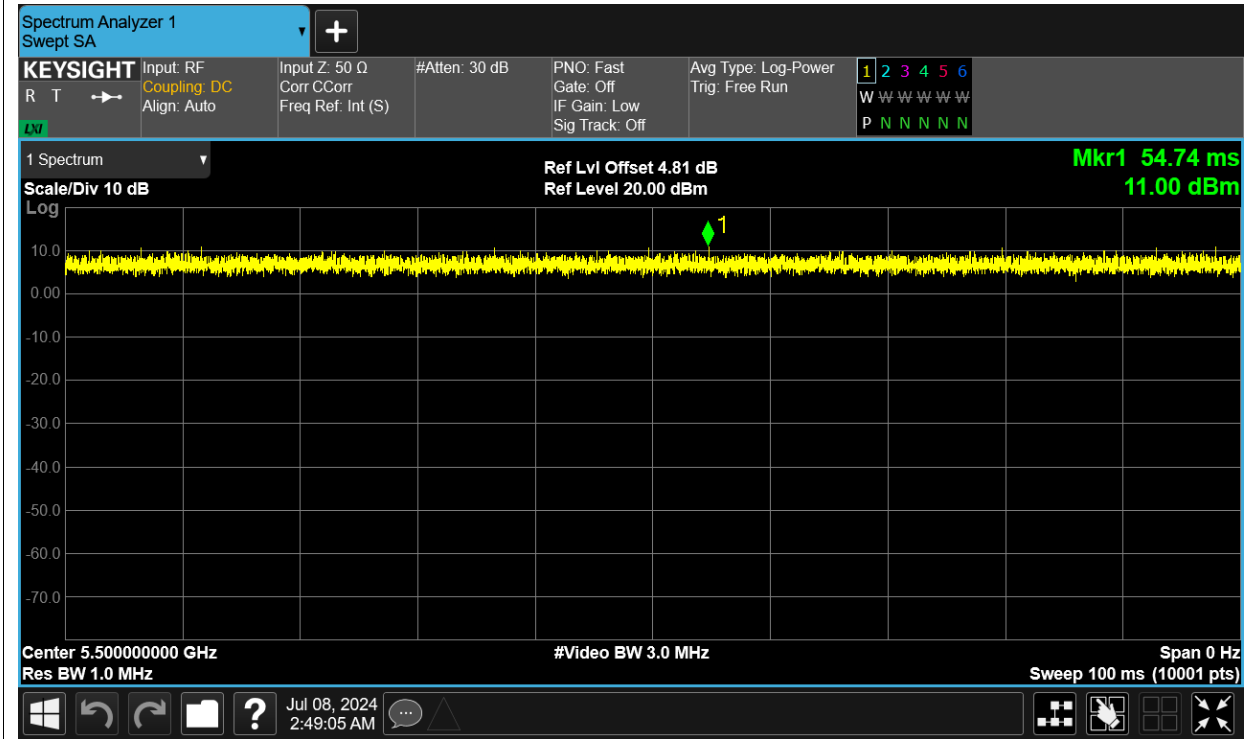


Duty Cycle

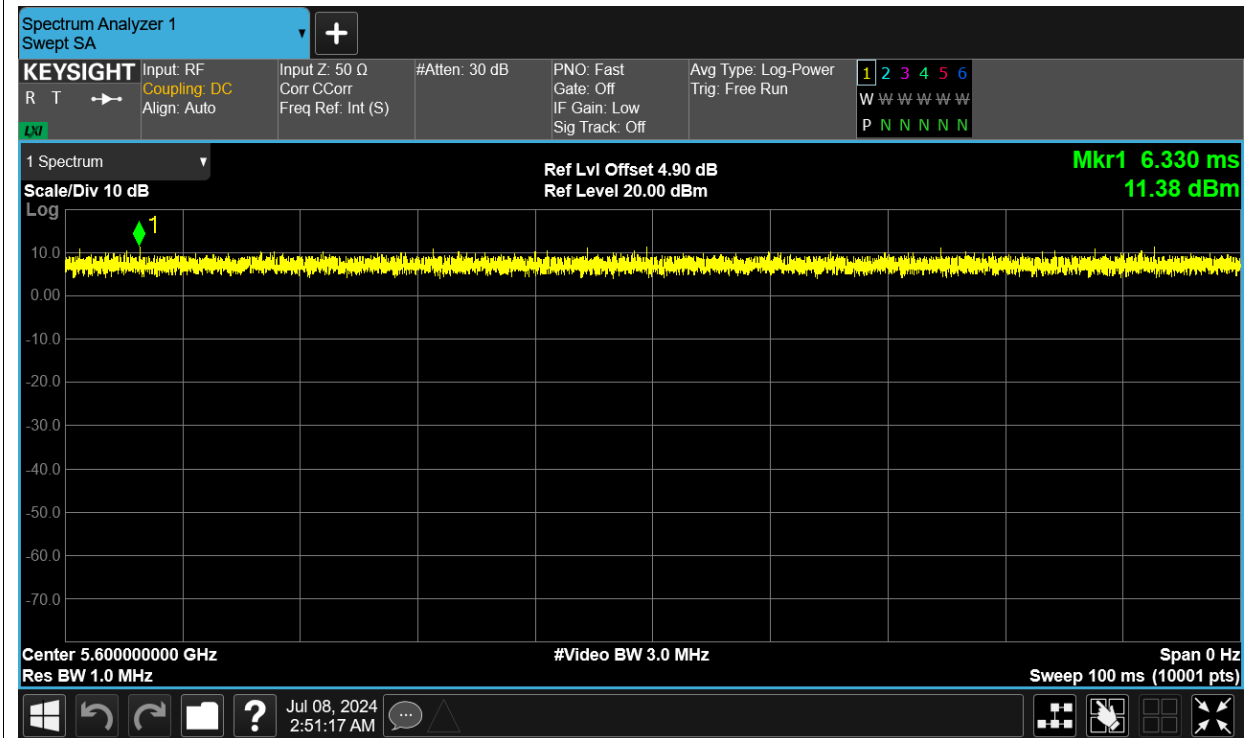
Condition	Mode	Frequency (MHz)	Antenna	Duty Cycle (%)	Correction Factor (dB)
NVNT	a	5500	Ant2	100	0
NVNT	a	5600	Ant2	100	0
NVNT	a	5700	Ant2	100	0
NVNT	ac20	5500	Ant2	100	0
NVNT	ac20	5600	Ant2	100	0
NVNT	ac20	5700	Ant2	100	0
NVNT	ac40	5510	Ant2	100	0
NVNT	ac40	5590	Ant2	100	0
NVNT	ac40	5670	Ant2	100	0
NVNT	ac80	5530	Ant2	100	0
NVNT	ac80	5610	Ant2	100	0
NVNT	n20	5500	Ant2	100	0
NVNT	n20	5600	Ant2	100	0
NVNT	n20	5700	Ant2	100	0
NVNT	n40	5510	Ant2	100	0
NVNT	n40	5590	Ant2	100	0
NVNT	n40	5670	Ant2	100	0

Test Graphs

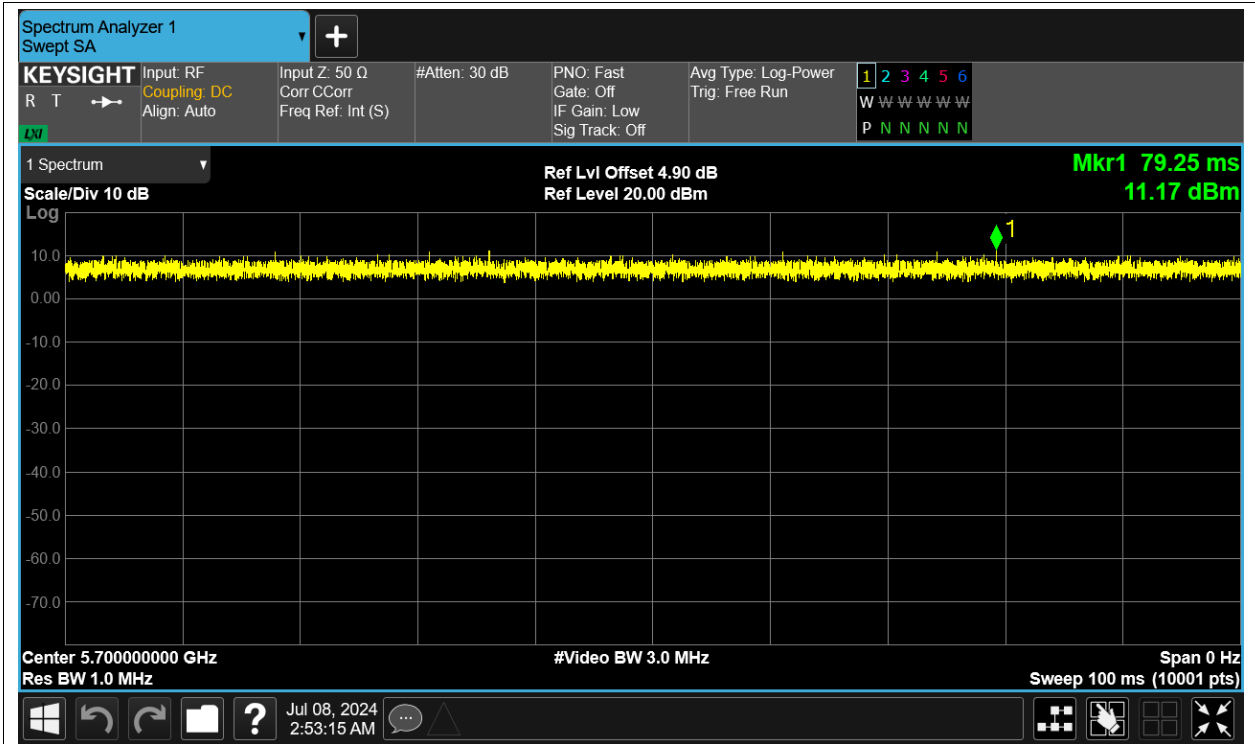
Duty Cycle NVNT a 5500MHz Ant2



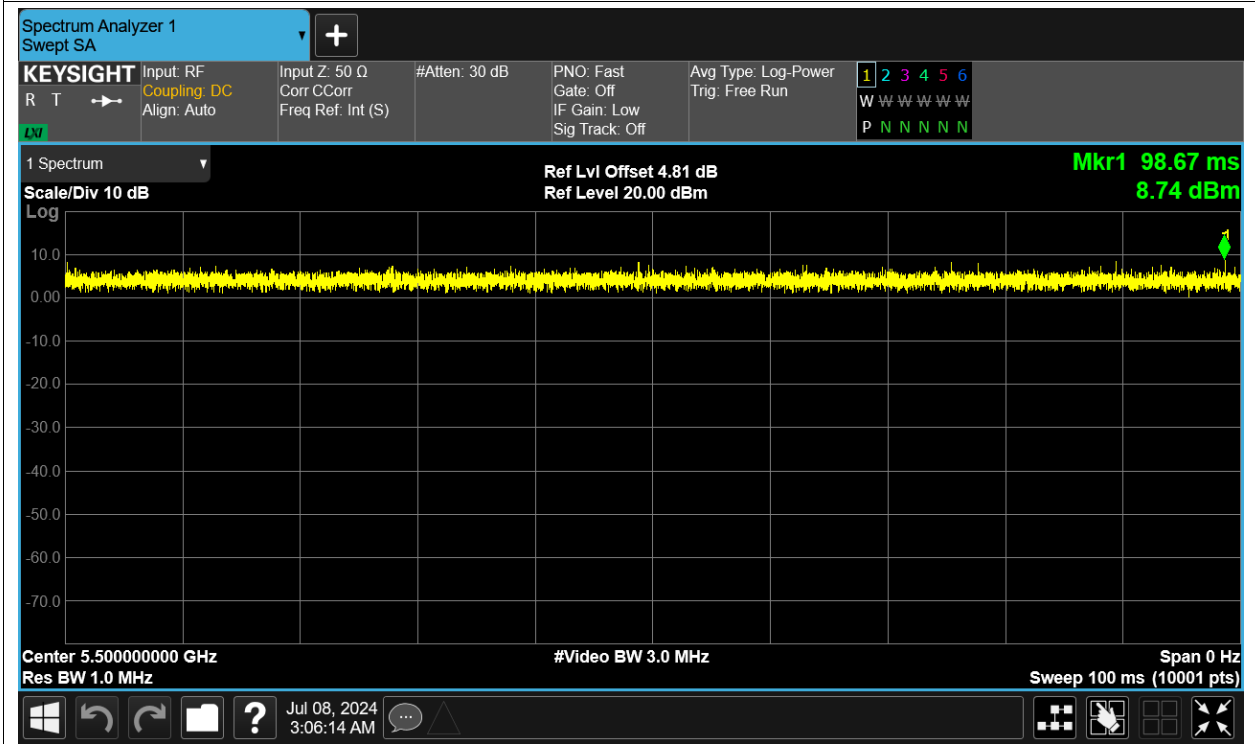
Duty Cycle NVNT a 5600MHz Ant2



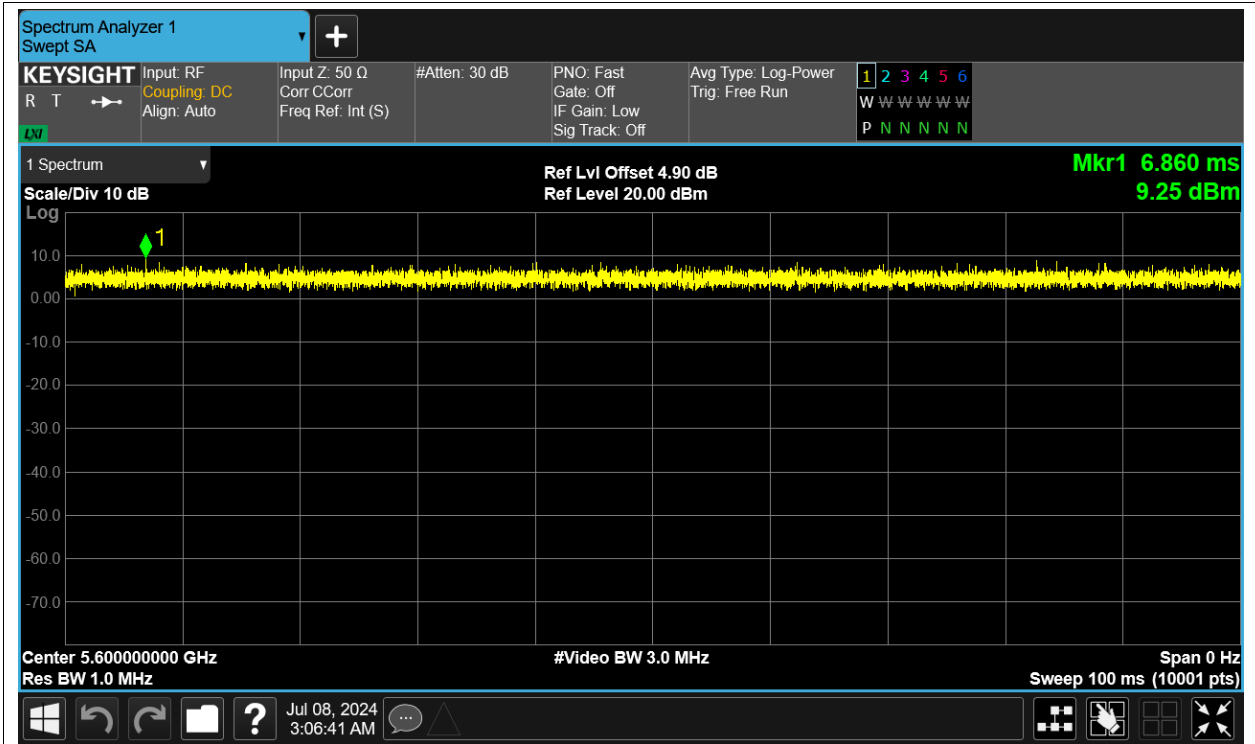
Duty Cycle NVNT a 5700MHz Ant2



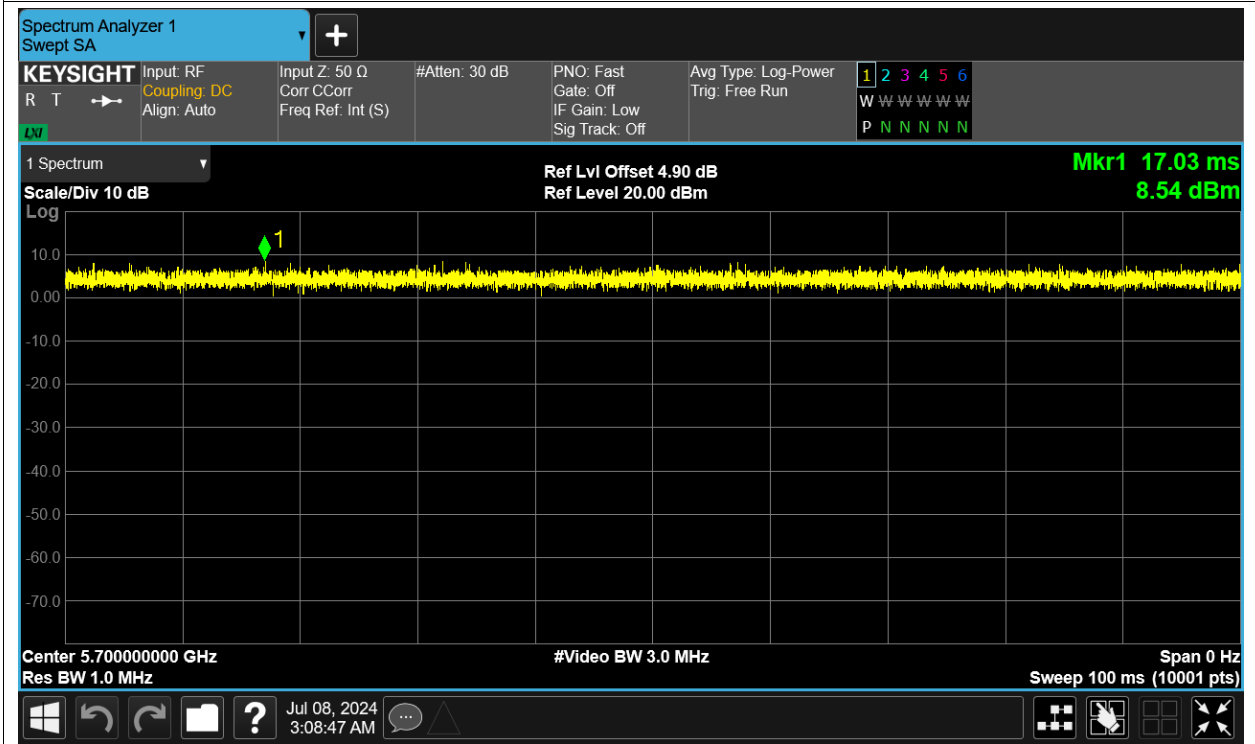
Duty Cycle NVNT ac20 5500MHz Ant2



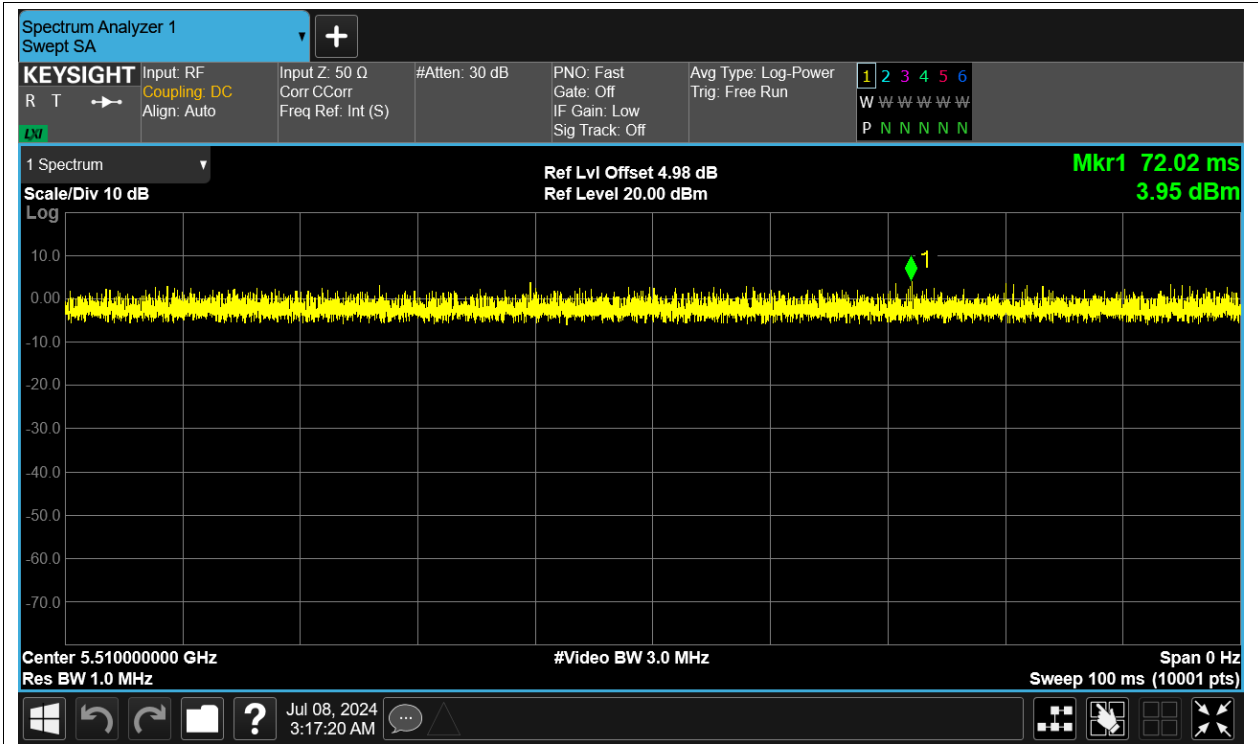
Duty Cycle NVNT ac20 5600MHz Ant2



Duty Cycle NVNT ac20 5700MHz Ant2



Duty Cycle NVNT ac40 5510MHz Ant2



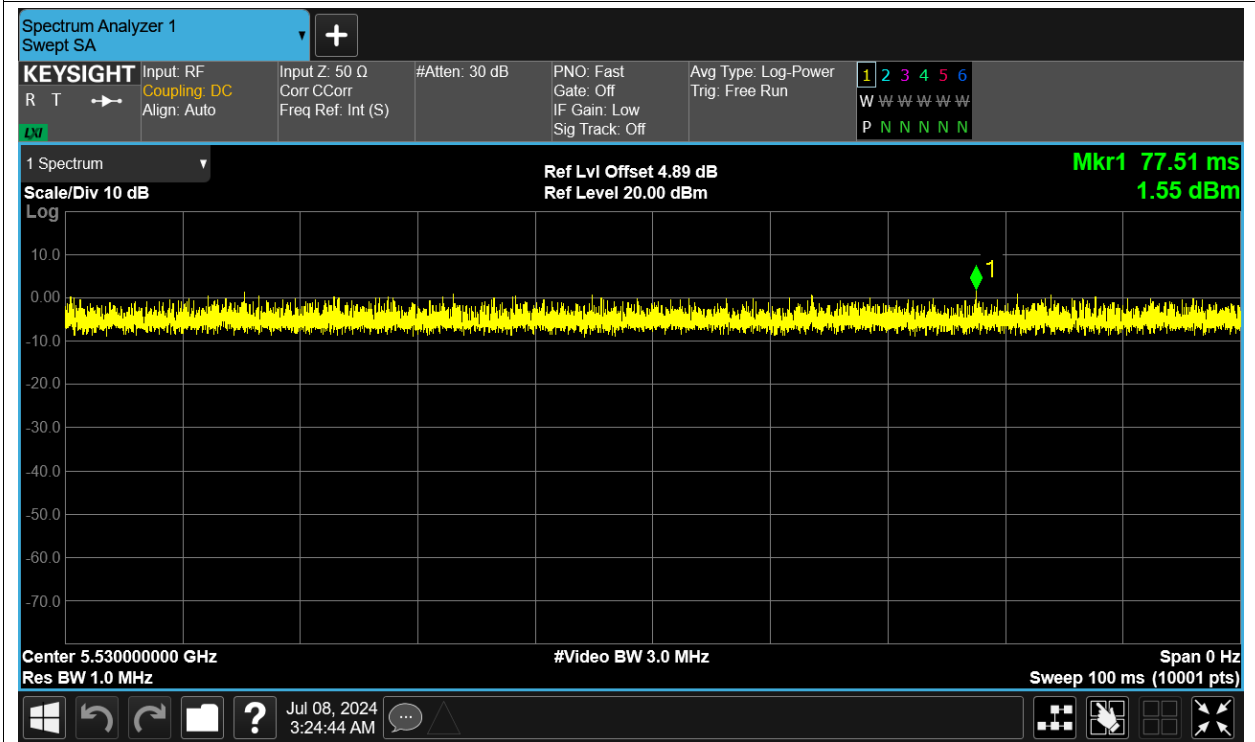
Duty Cycle NVNT ac40 5590MHz Ant2



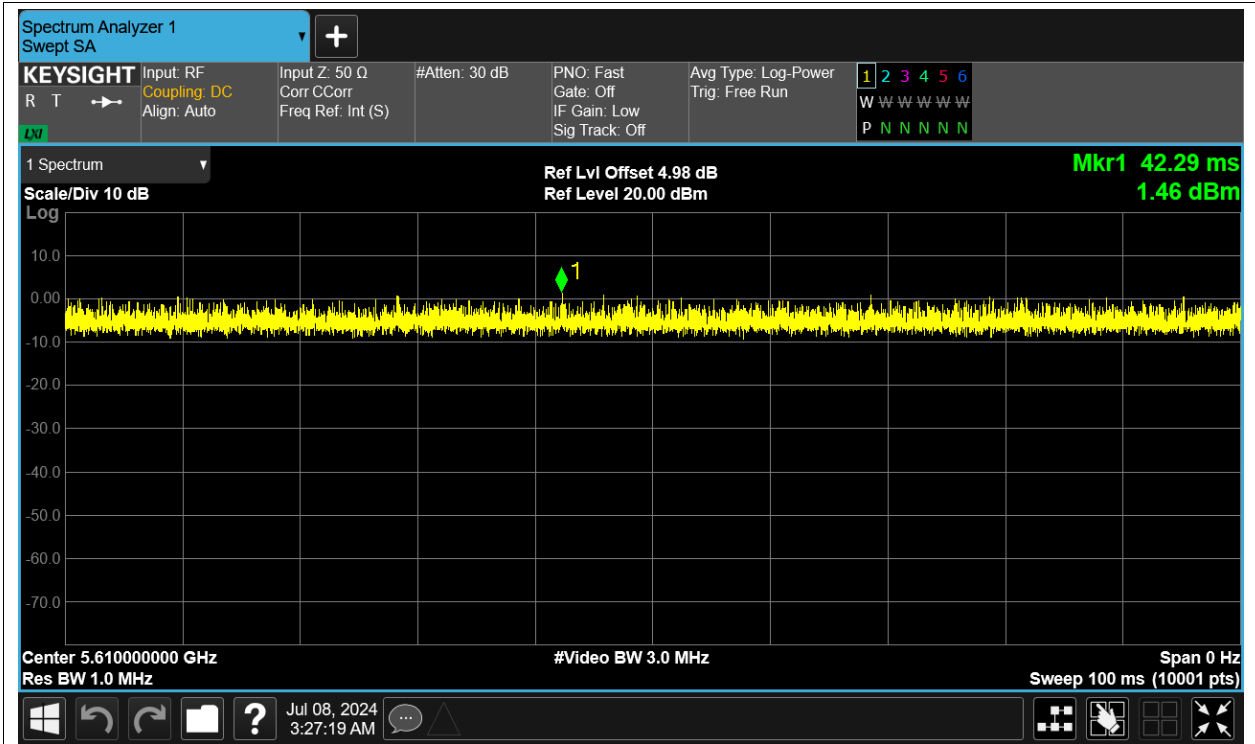
Duty Cycle NVNT ac40 5670MHz Ant2



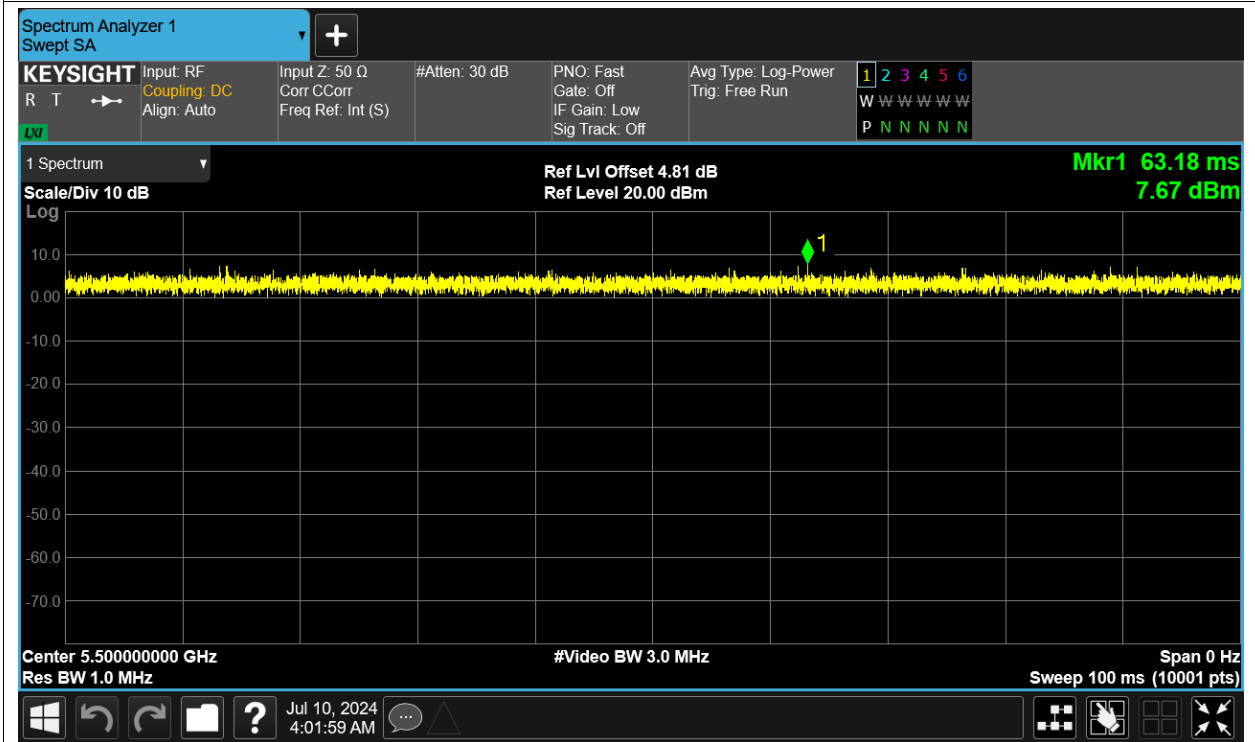
Duty Cycle NVNT ac80 5530MHz Ant2



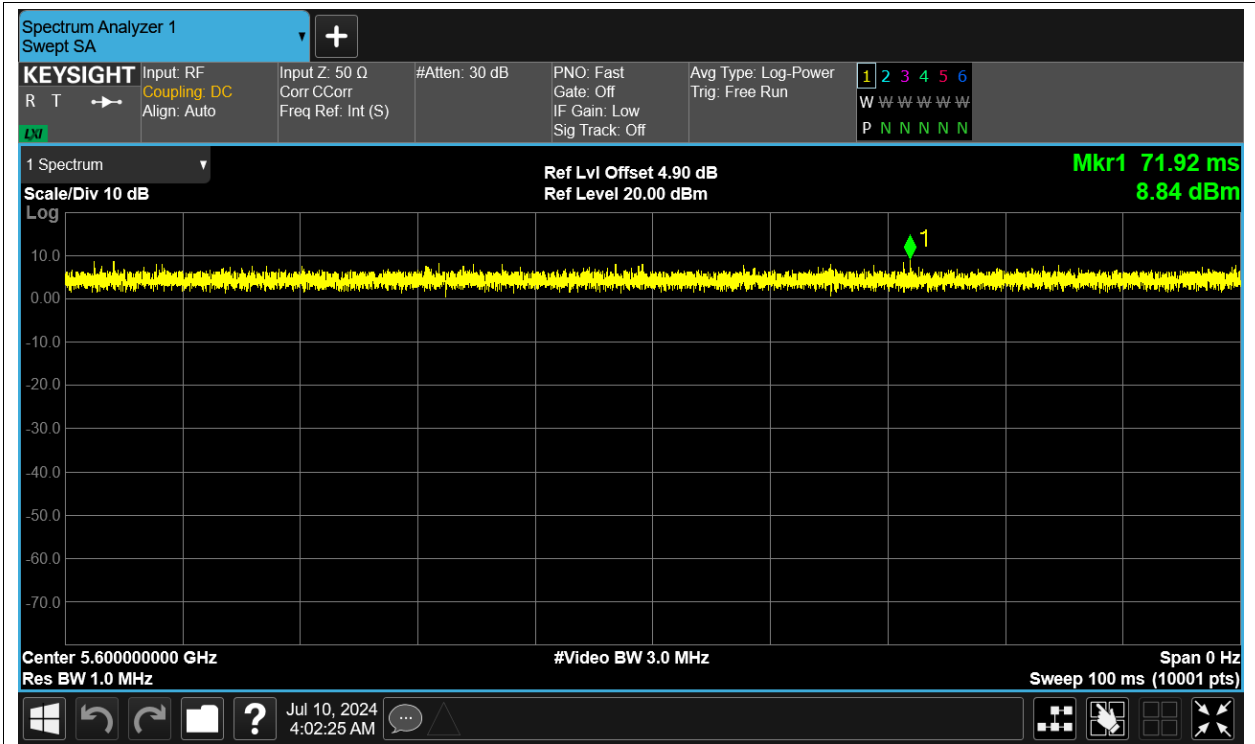
Duty Cycle NVNT ac80 5610MHz Ant2



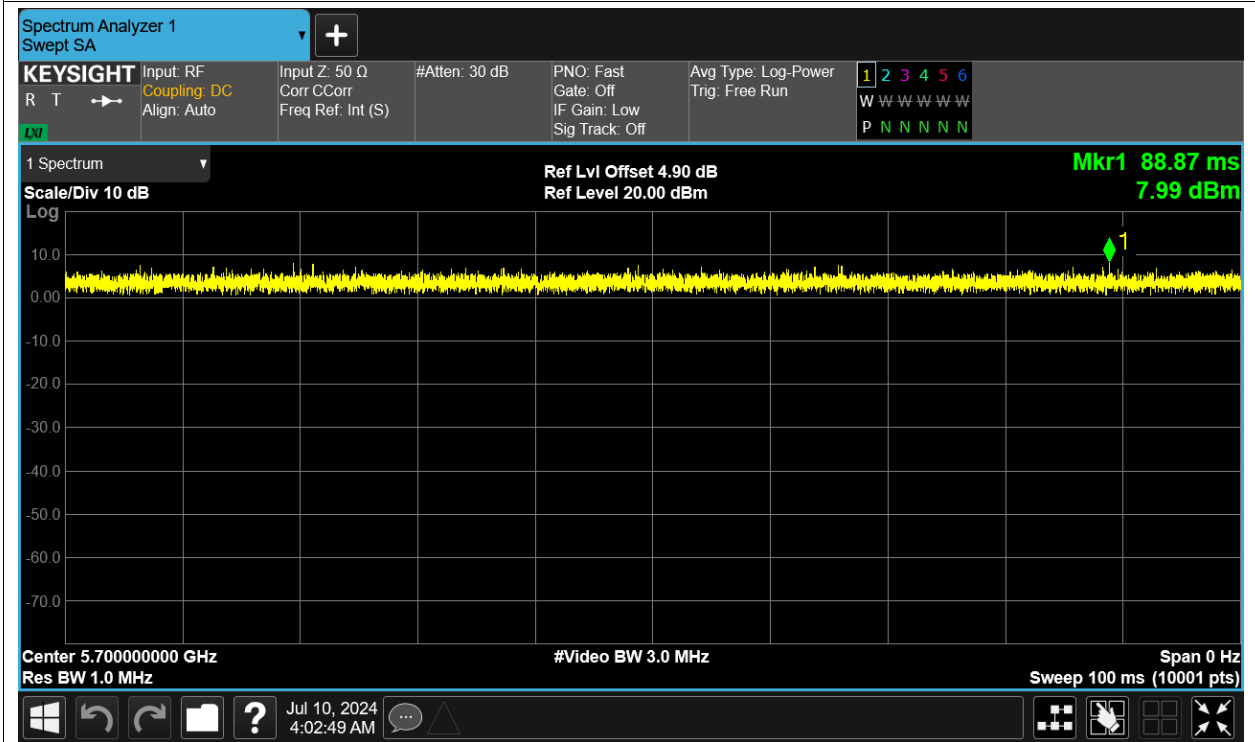
Duty Cycle NVNT n20 5500MHz Ant2



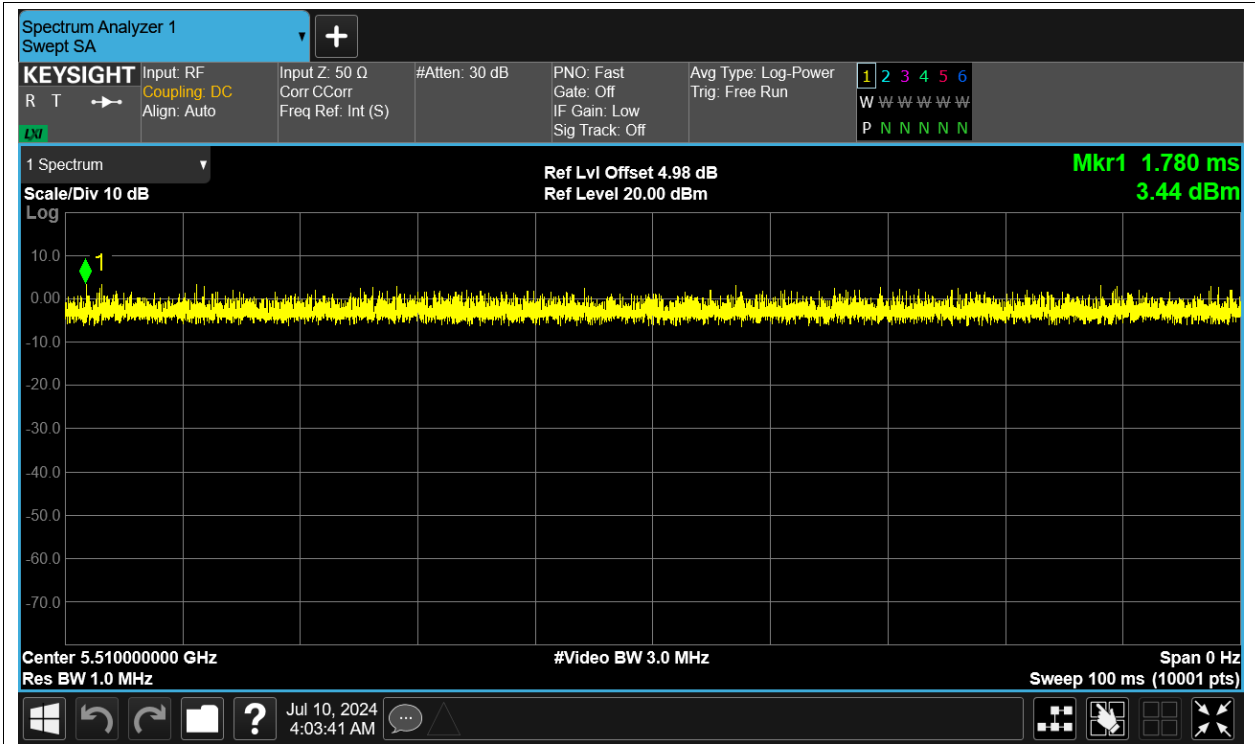
Duty Cycle NVNT n20 5600MHz Ant2



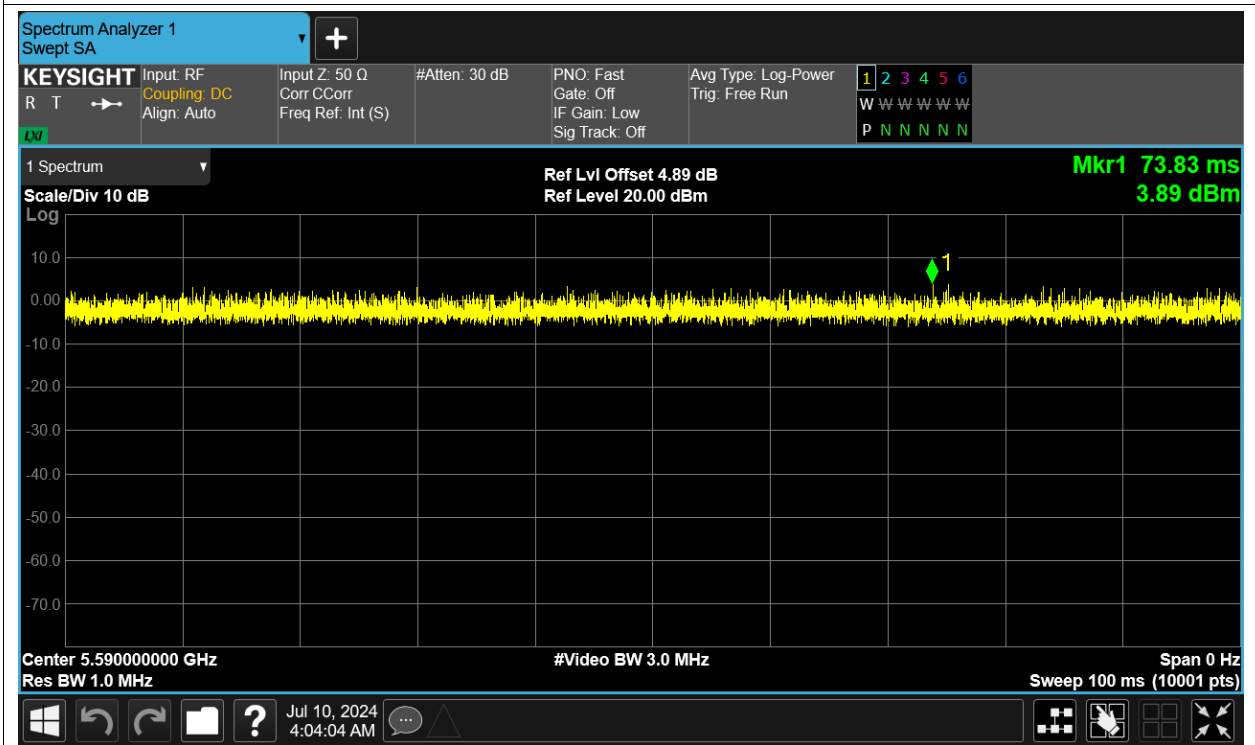
Duty Cycle NVNT n20 5700MHz Ant2



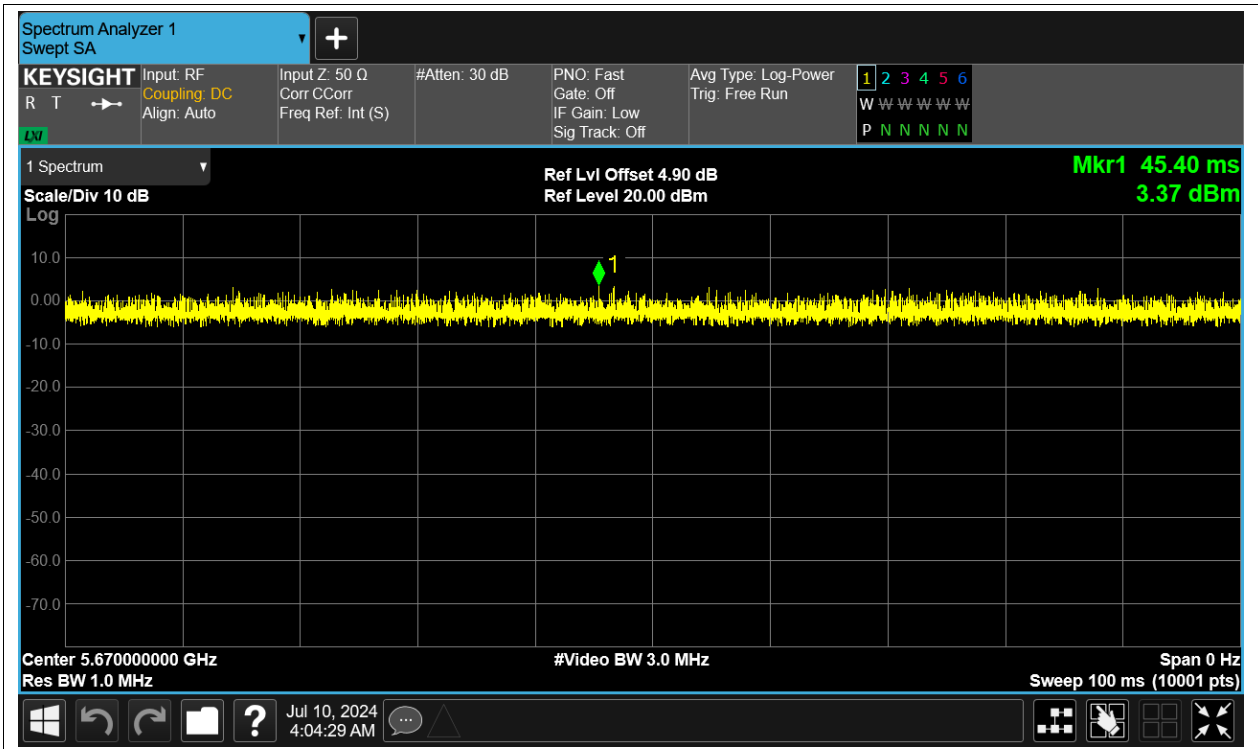
Duty Cycle NVNT n40 5510MHz Ant2



Duty Cycle NVNT n40 5590MHz Ant2



Duty Cycle NVNT n40 5670MHz Ant2

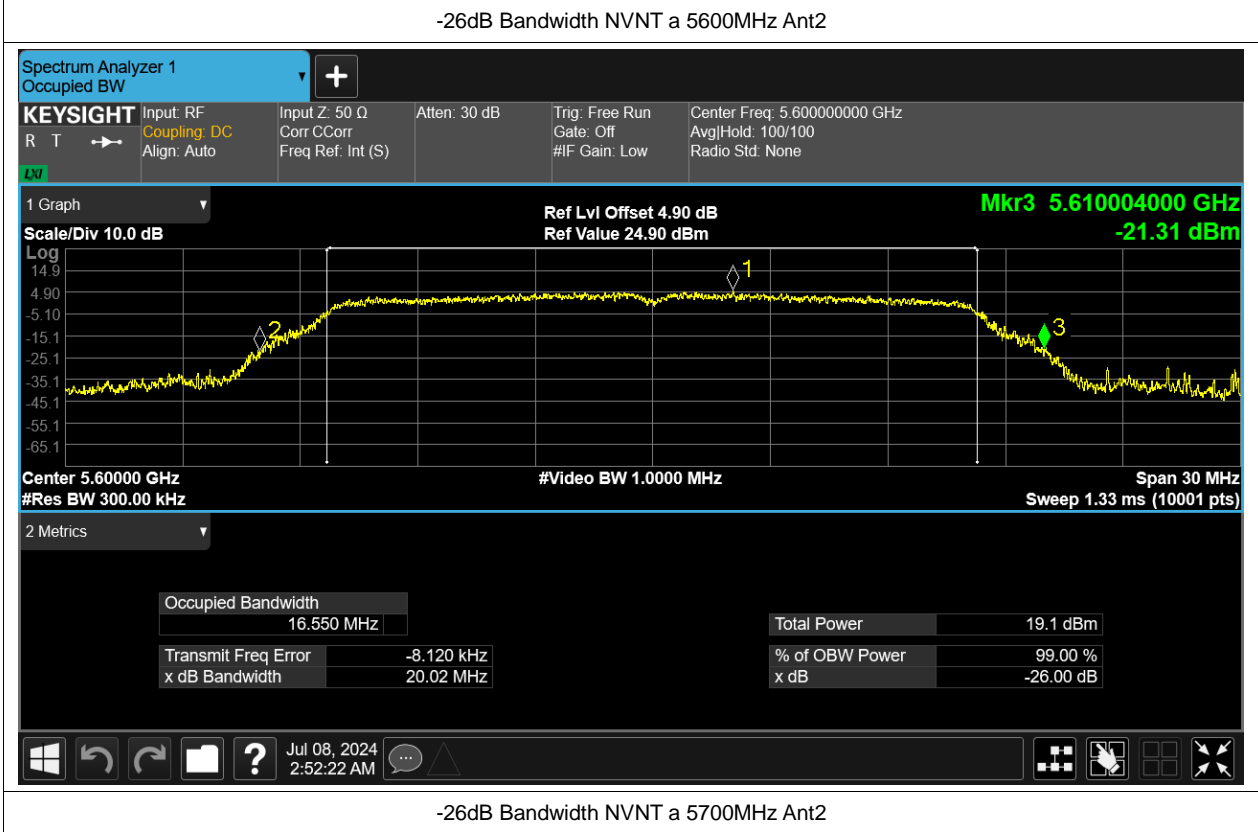
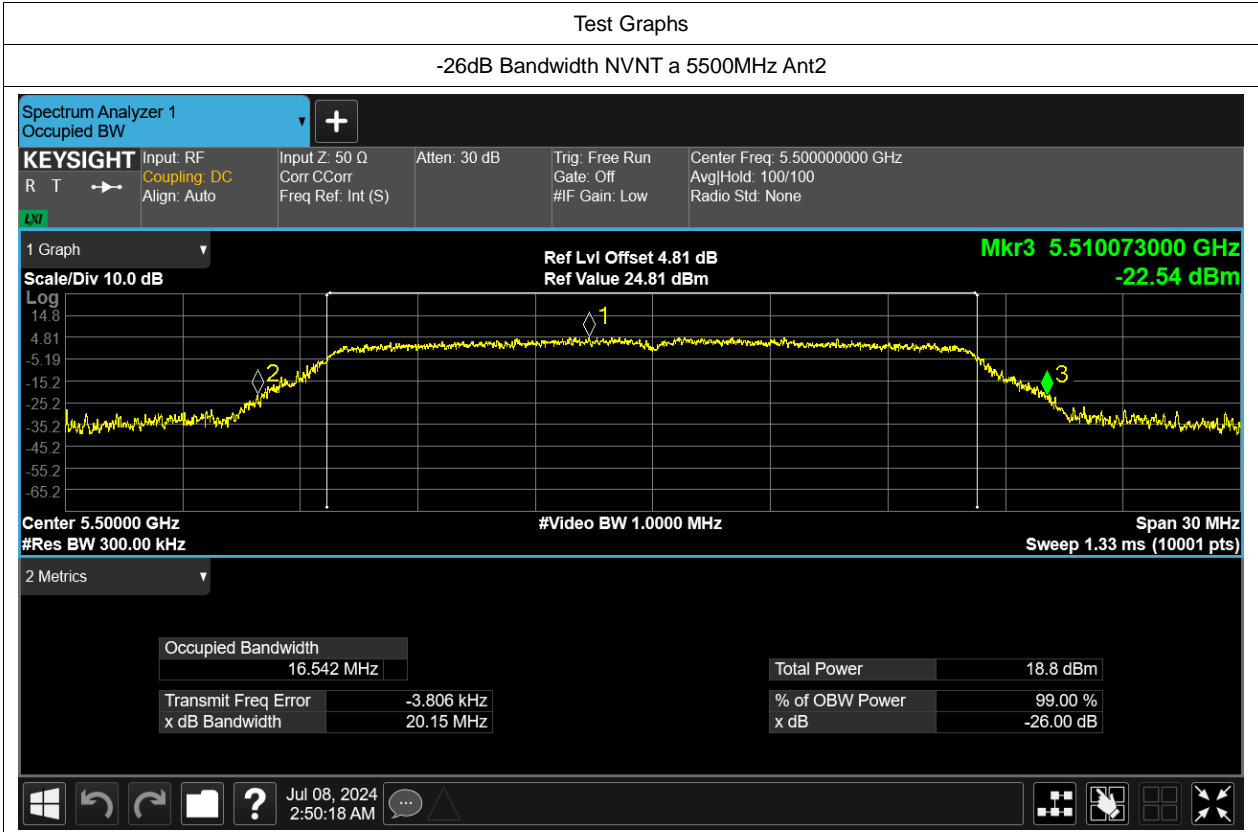


Maximum Conducted Output Power

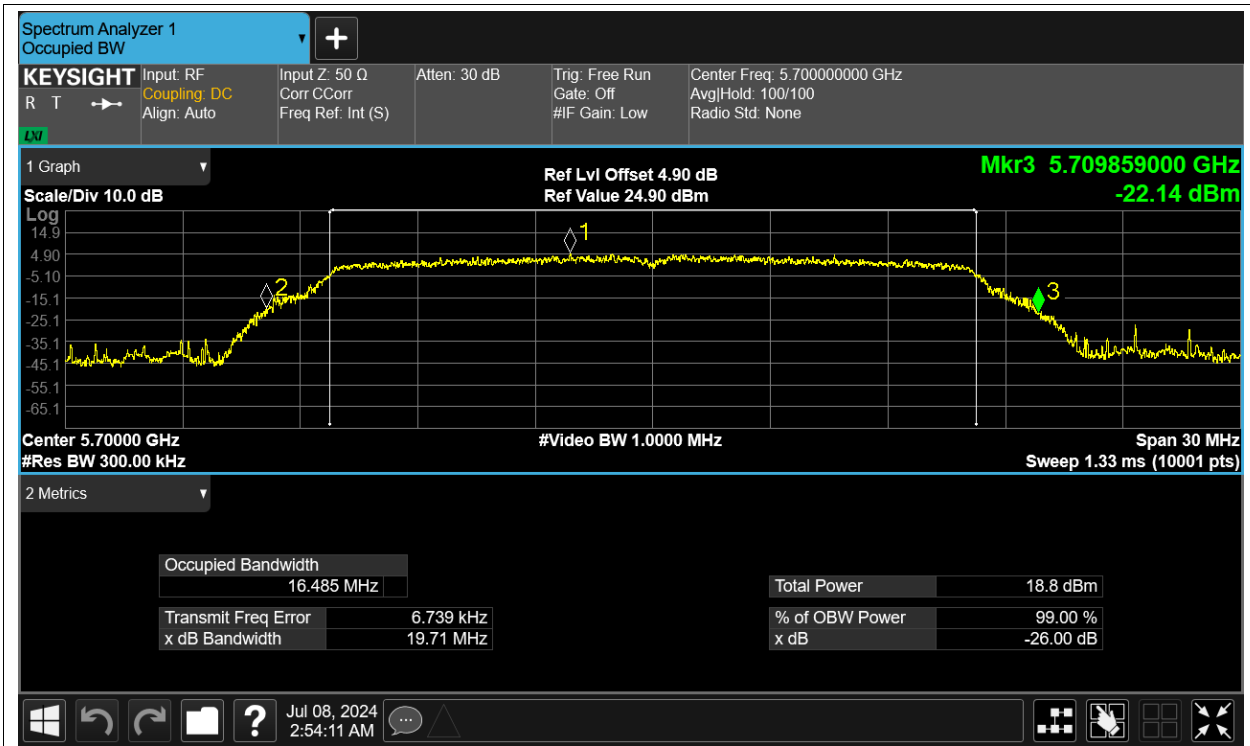
Condition	Mode	Frequency (MHz)	Antenna	Conducted Power (dBm)	Duty Factor (dB)	Total Power (dBm)	Limit (dBm)	Verdict
NVNT	a	5500	Ant2	14.53	0	14.53	24	Pass
NVNT	a	5600	Ant2	13.87	0	13.87	24	Pass
NVNT	a	5700	Ant2	13.55	0	13.55	24	Pass
NVNT	ac20	5500	Ant2	11.98	0	11.98	24	Pass
NVNT	ac20	5600	Ant2	11.72	0	11.72	24	Pass
NVNT	ac20	5700	Ant2	11.32	0	11.32	24	Pass
NVNT	ac40	5510	Ant2	11.63	0	11.63	24	Pass
NVNT	ac40	5590	Ant2	11.75	0	11.75	24	Pass
NVNT	ac40	5670	Ant2	11.2	0	11.2	24	Pass
NVNT	ac80	5530	Ant2	11.67	0	11.67	24	Pass
NVNT	ac80	5610	Ant2	11.33	0	11.33	24	Pass
NVNT	n20	5500	Ant2	11.4	0	11.4	24	Pass
NVNT	n20	5600	Ant2	11.51	0	11.51	24	Pass
NVNT	n20	5700	Ant2	10.82	0	10.82	24	Pass
NVNT	n40	5510	Ant2	11.48	0	11.48	24	Pass
NVNT	n40	5590	Ant2	11.46	0	11.46	24	Pass
NVNT	n40	5670	Ant2	10.86	0	10.86	24	Pass

-26dB Bandwidth

Condition	Mode	Frequency (MHz)	Antenna	-26 dB Bandwidth (MHz)
NVNT	a	5500	Ant2	20.153
NVNT	a	5600	Ant2	20.024
NVNT	a	5700	Ant2	19.705
NVNT	ac20	5500	Ant2	20.252
NVNT	ac20	5600	Ant2	20.154
NVNT	ac20	5700	Ant2	20.365
NVNT	ac40	5510	Ant2	39.691
NVNT	ac40	5590	Ant2	40.093
NVNT	ac40	5670	Ant2	39.587
NVNT	ac80	5530	Ant2	78.599
NVNT	ac80	5610	Ant2	79.096
NVNT	n20	5500	Ant2	20.356
NVNT	n20	5600	Ant2	20.266
NVNT	n20	5700	Ant2	20.286
NVNT	n40	5510	Ant2	39.767
NVNT	n40	5590	Ant2	39.734
NVNT	n40	5670	Ant2	39.729



-26dB Bandwidth NVNT a 5700MHz Ant2



-26dB Bandwidth NVNT ac20 5500MHz Ant2



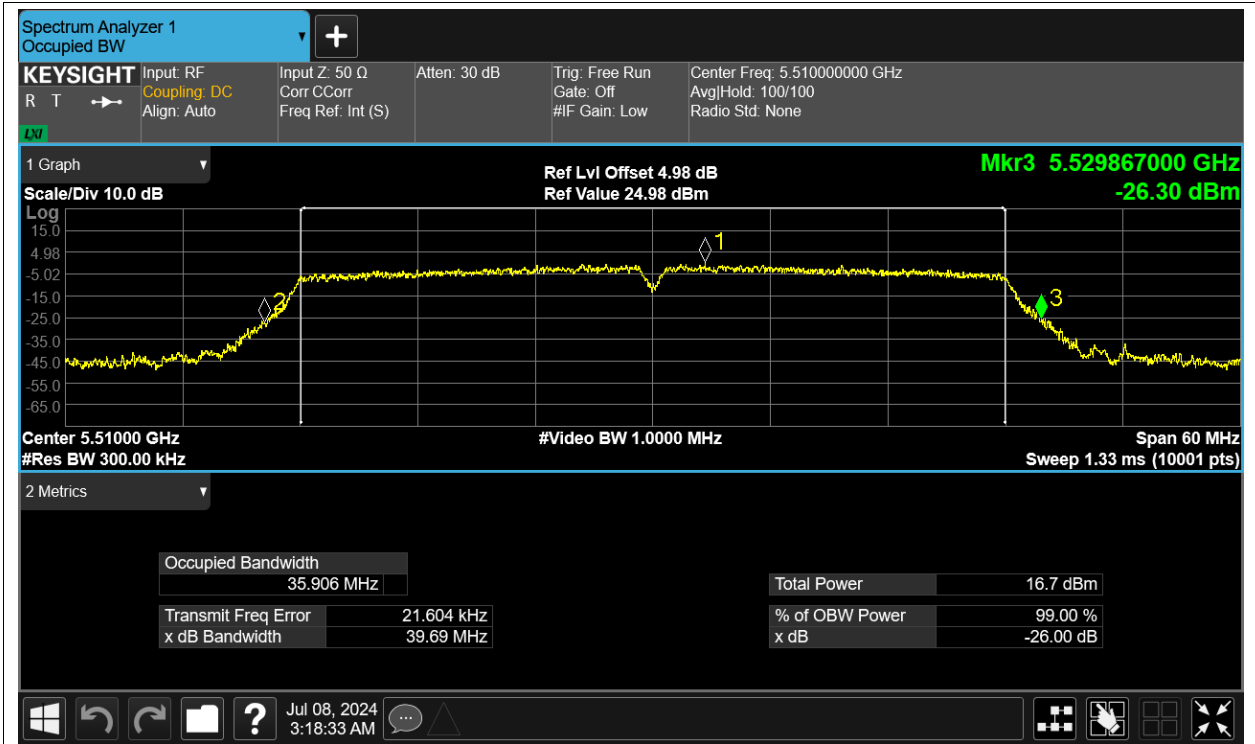
-26dB Bandwidth NVNT ac20 5600MHz Ant2



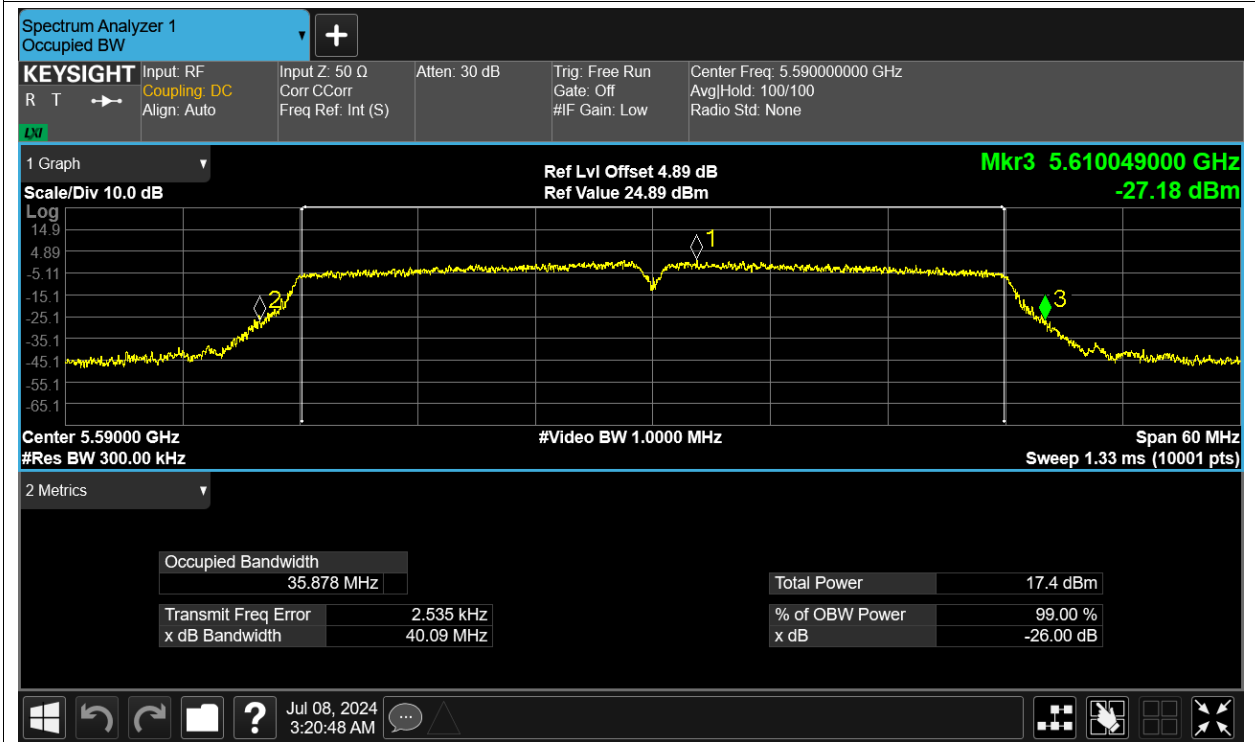
-26dB Bandwidth NVNT ac20 5700MHz Ant2



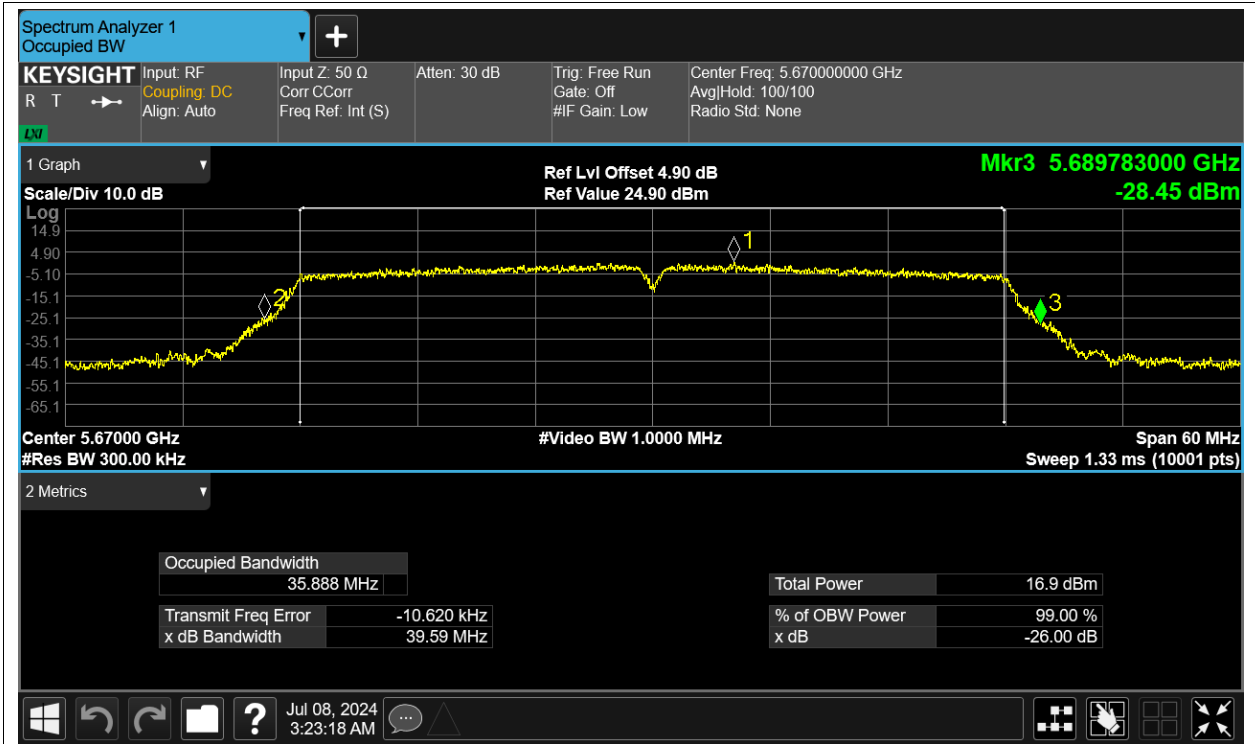
-26dB Bandwidth NVNT ac40 5510MHz Ant2



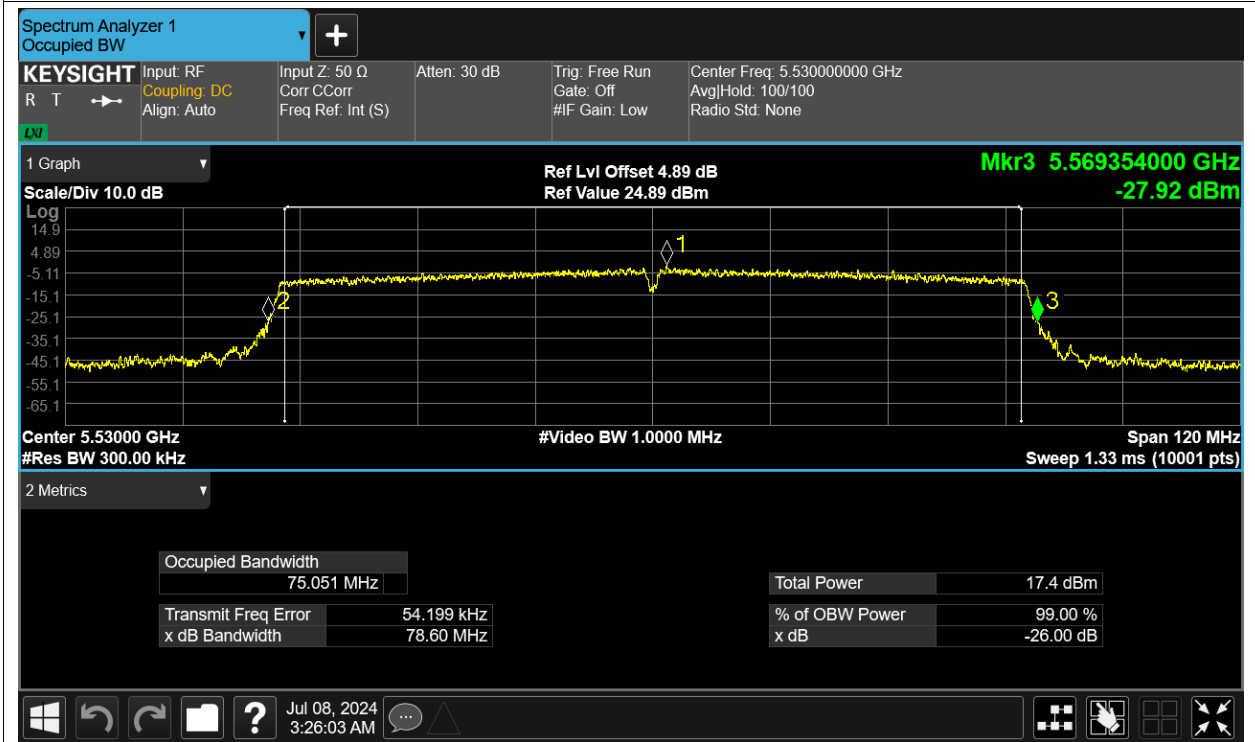
-26dB Bandwidth NVNT ac40 5590MHz Ant2



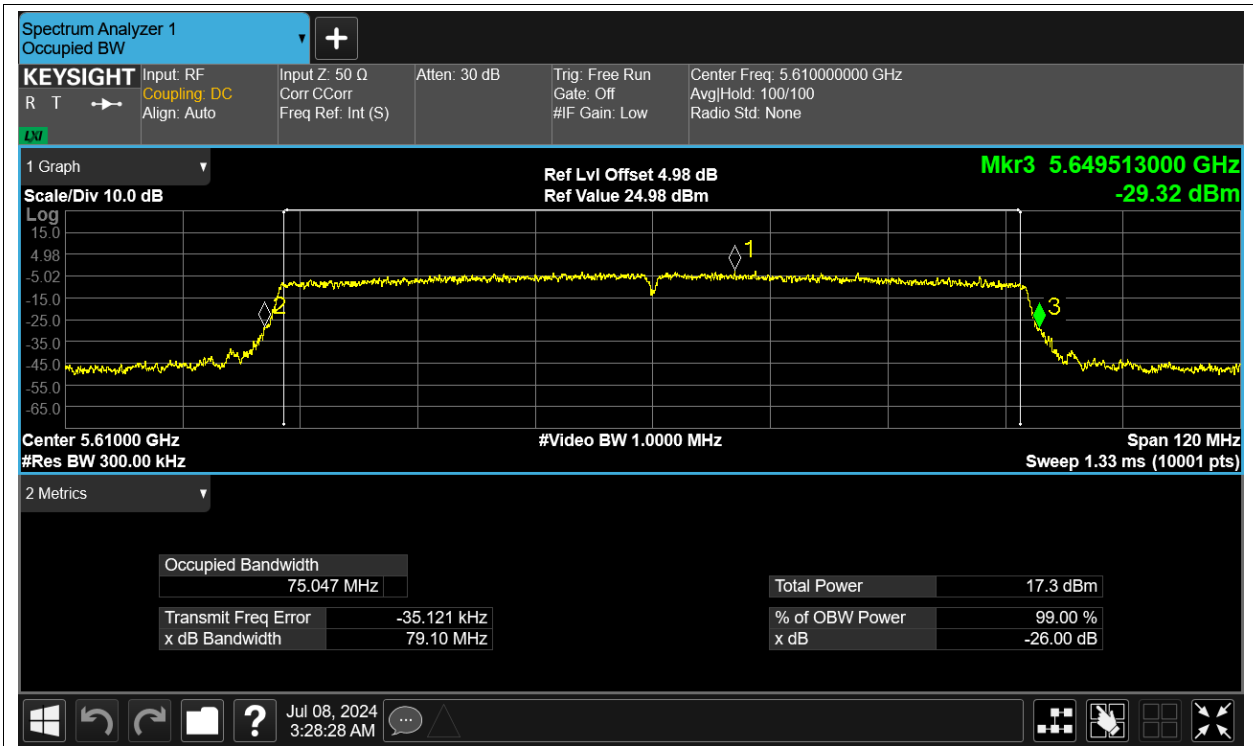
-26dB Bandwidth NVNT ac40 5670MHz Ant2



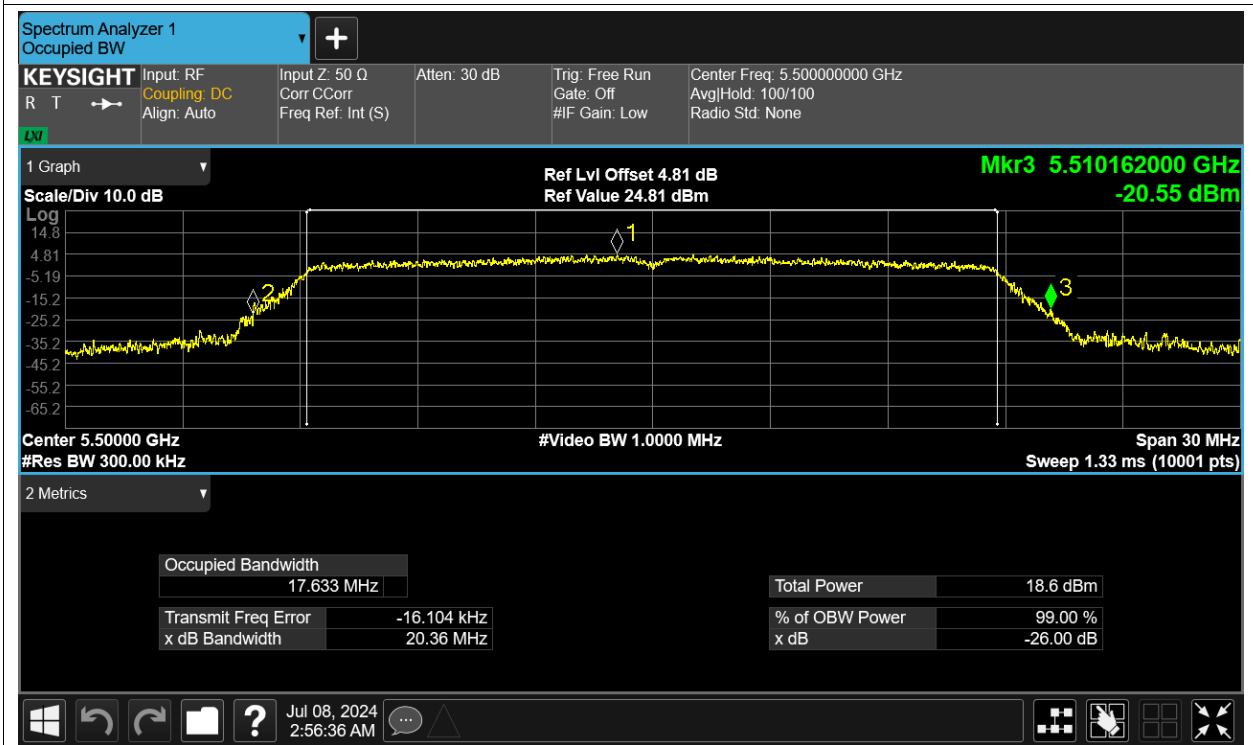
-26dB Bandwidth NVNT ac80 5530MHz Ant2



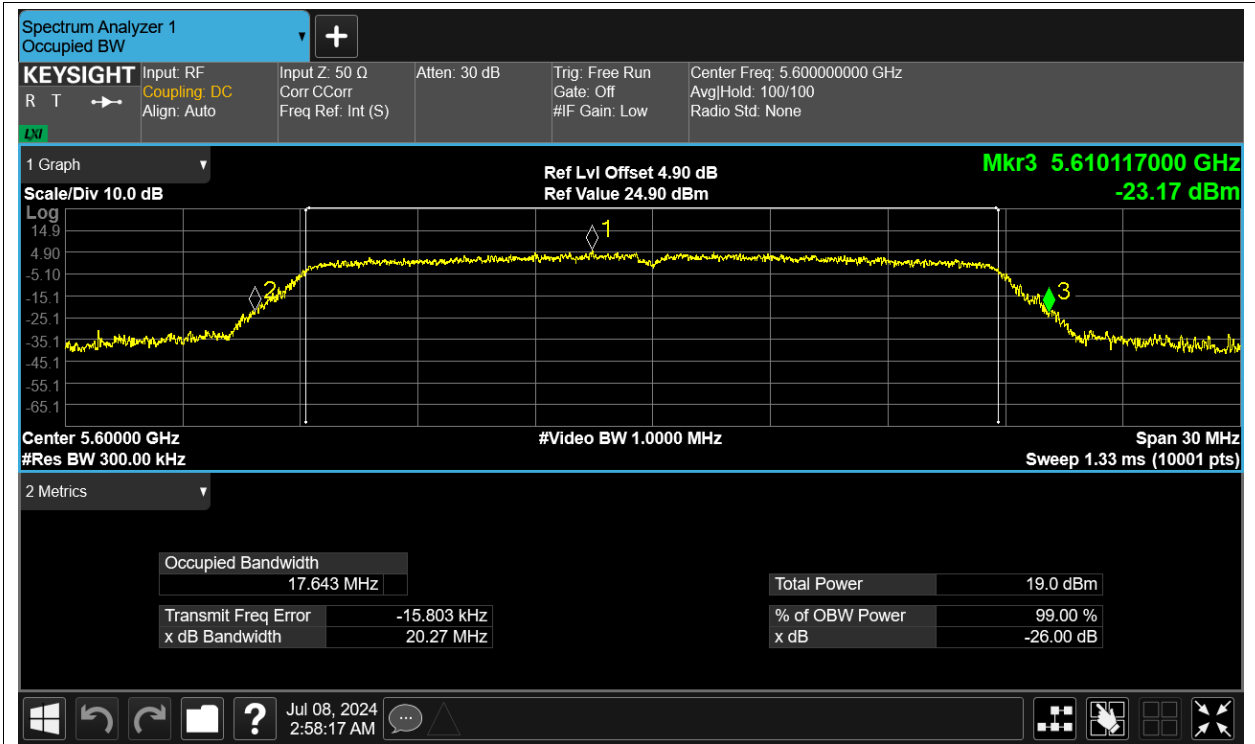
-26dB Bandwidth NVNT ac80 5610MHz Ant2



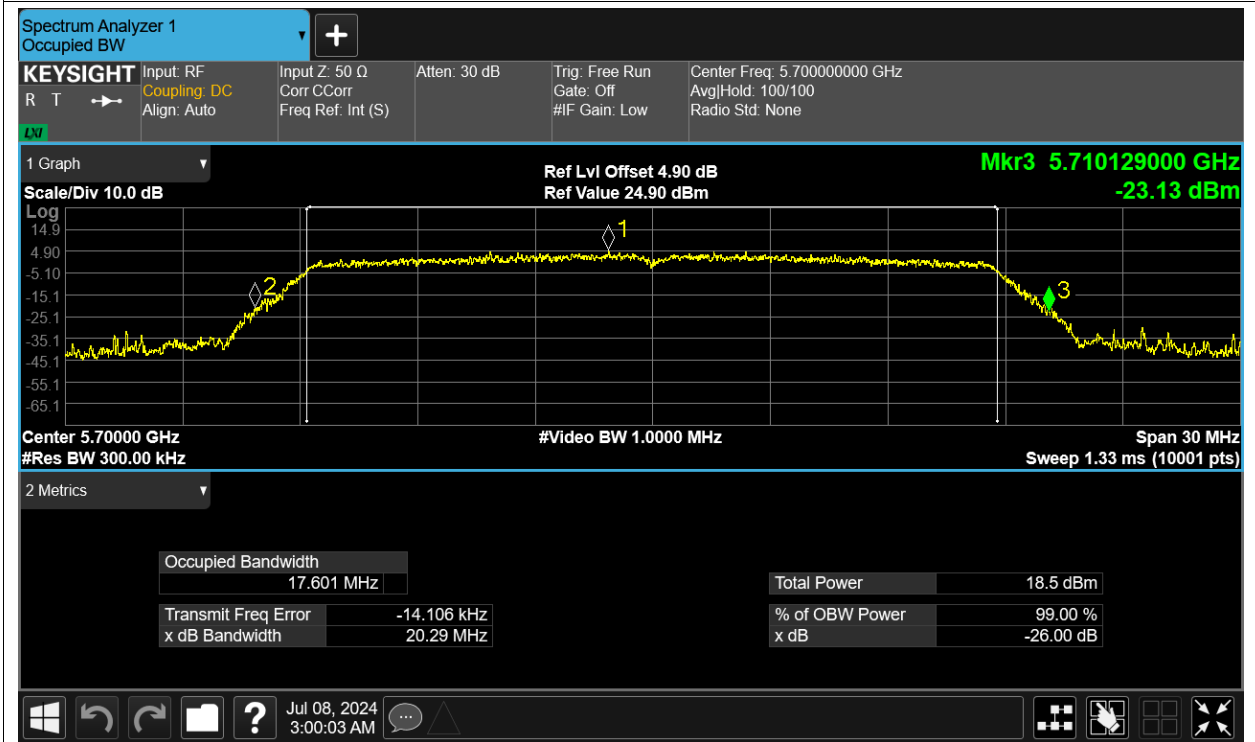
-26dB Bandwidth NVNT n20 5500MHz Ant2



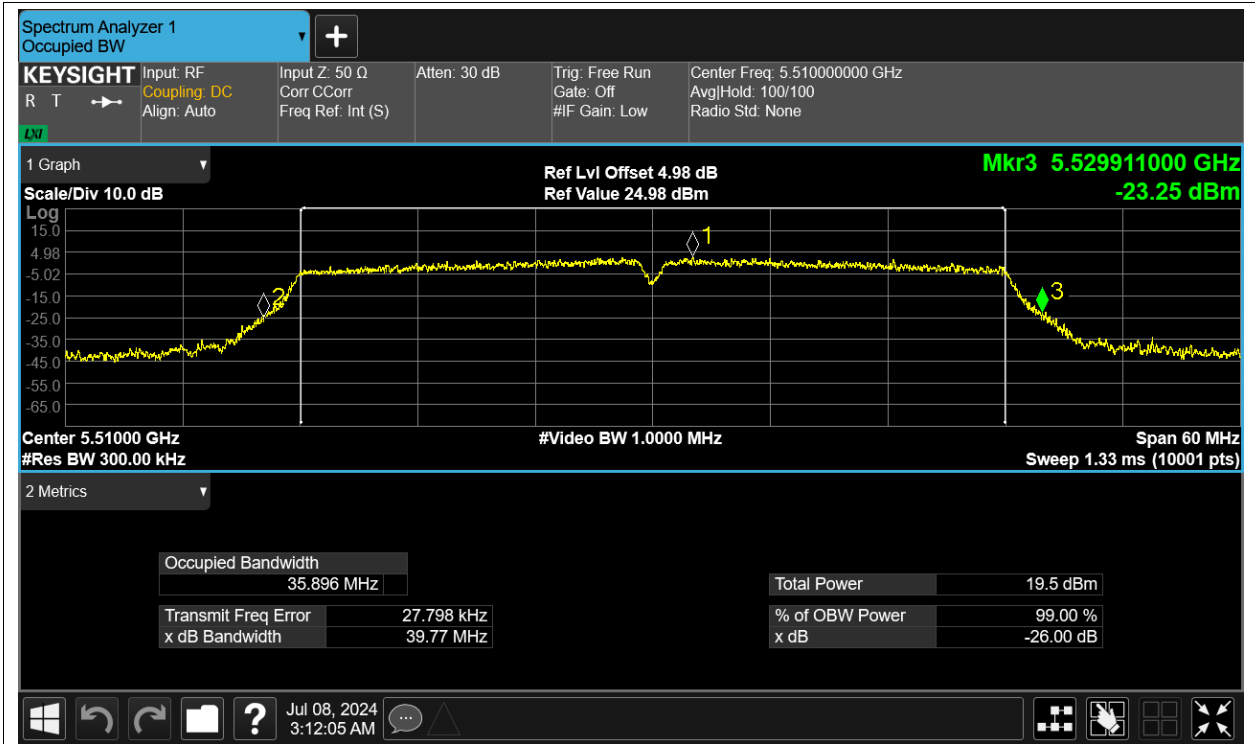
-26dB Bandwidth NVNT n20 5600MHz Ant2



-26dB Bandwidth NVNT n20 5700MHz Ant2



-26dB Bandwidth NVNT n40 5510MHz Ant2



-26dB Bandwidth NVNT n40 5590MHz Ant2



-26dB Bandwidth NVNT n40 5670MHz Ant2

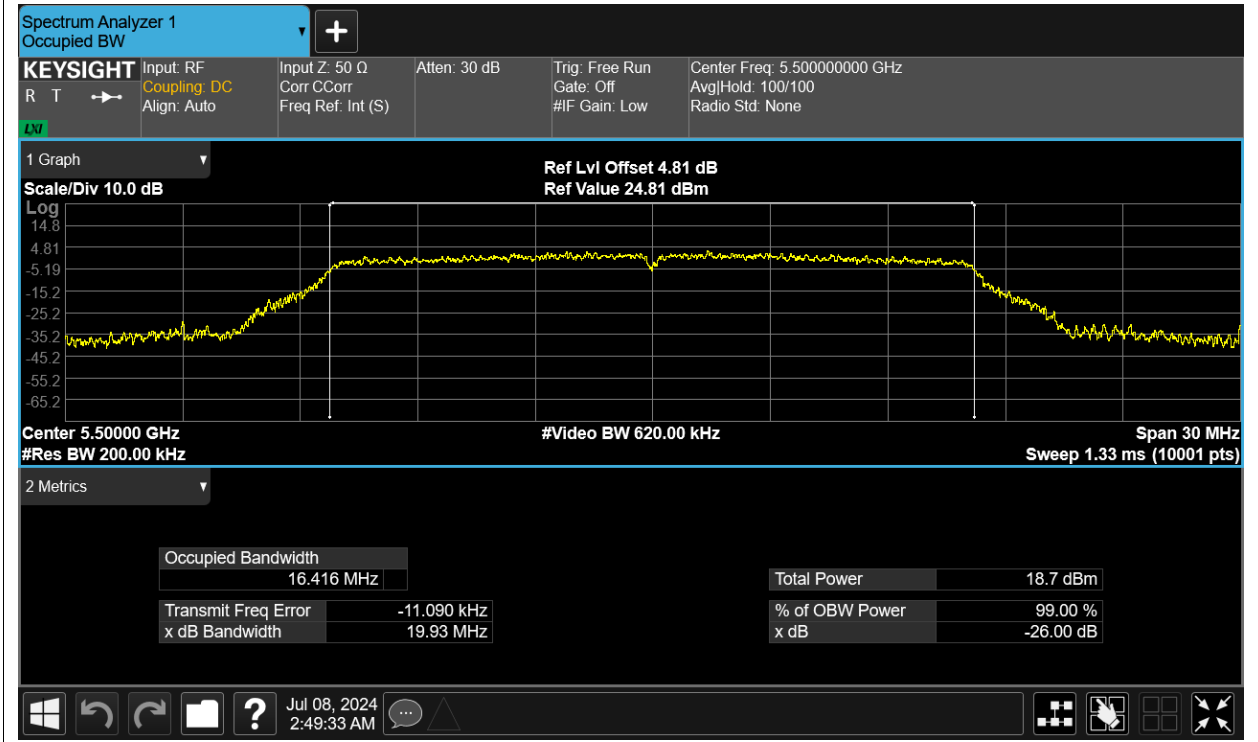


Occupied Channel Bandwidth

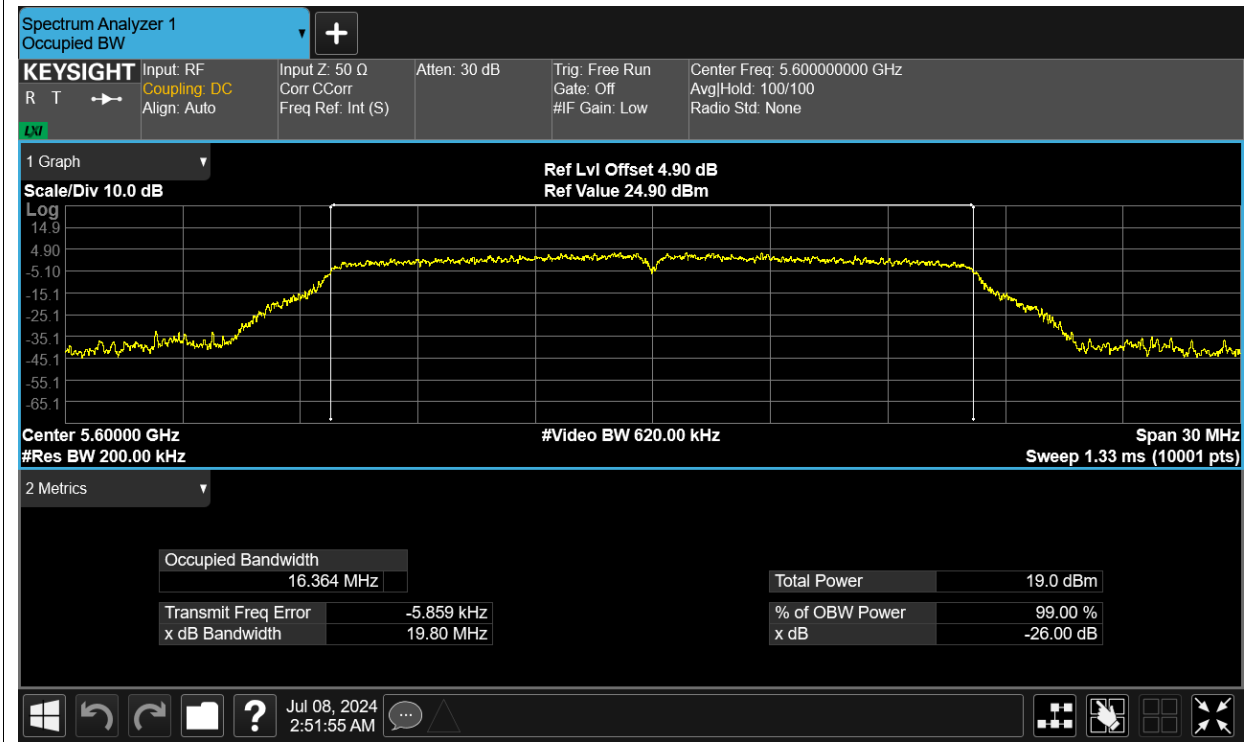
Condition	Mode	Frequency (MHz)	Antenna	99% OBW (MHz)
NVNT	a	5500	Ant2	16.416
NVNT	a	5600	Ant2	16.364
NVNT	a	5700	Ant2	16.392
NVNT	ac20	5500	Ant2	17.553
NVNT	ac20	5600	Ant2	17.554
NVNT	ac20	5700	Ant2	17.569
NVNT	ac40	5510	Ant2	35.902
NVNT	ac40	5590	Ant2	35.923
NVNT	ac40	5670	Ant2	35.927
NVNT	ac80	5530	Ant2	75.048
NVNT	ac80	5610	Ant2	75.052
NVNT	n20	5500	Ant2	17.552
NVNT	n20	5600	Ant2	17.55
NVNT	n20	5700	Ant2	17.533
NVNT	n40	5510	Ant2	35.946
NVNT	n40	5590	Ant2	35.94
NVNT	n40	5670	Ant2	35.945

Test Graphs

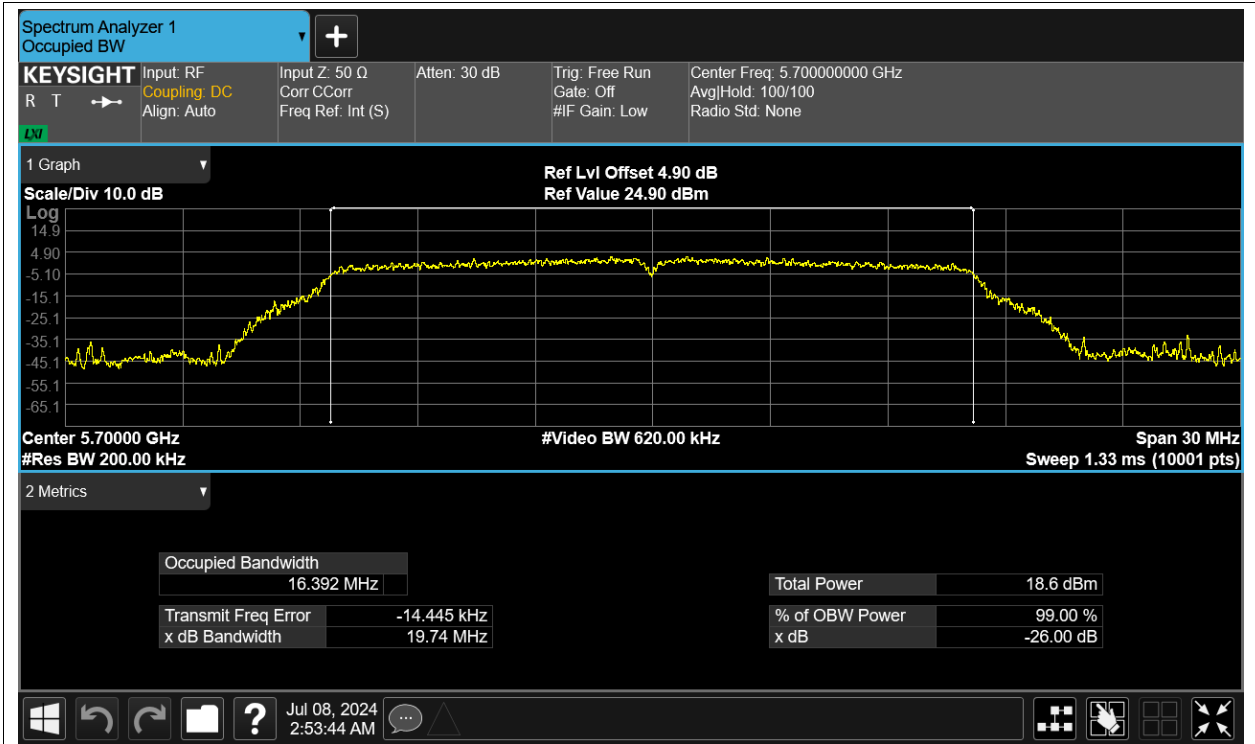
OBW NVNT a 5500MHz Ant2



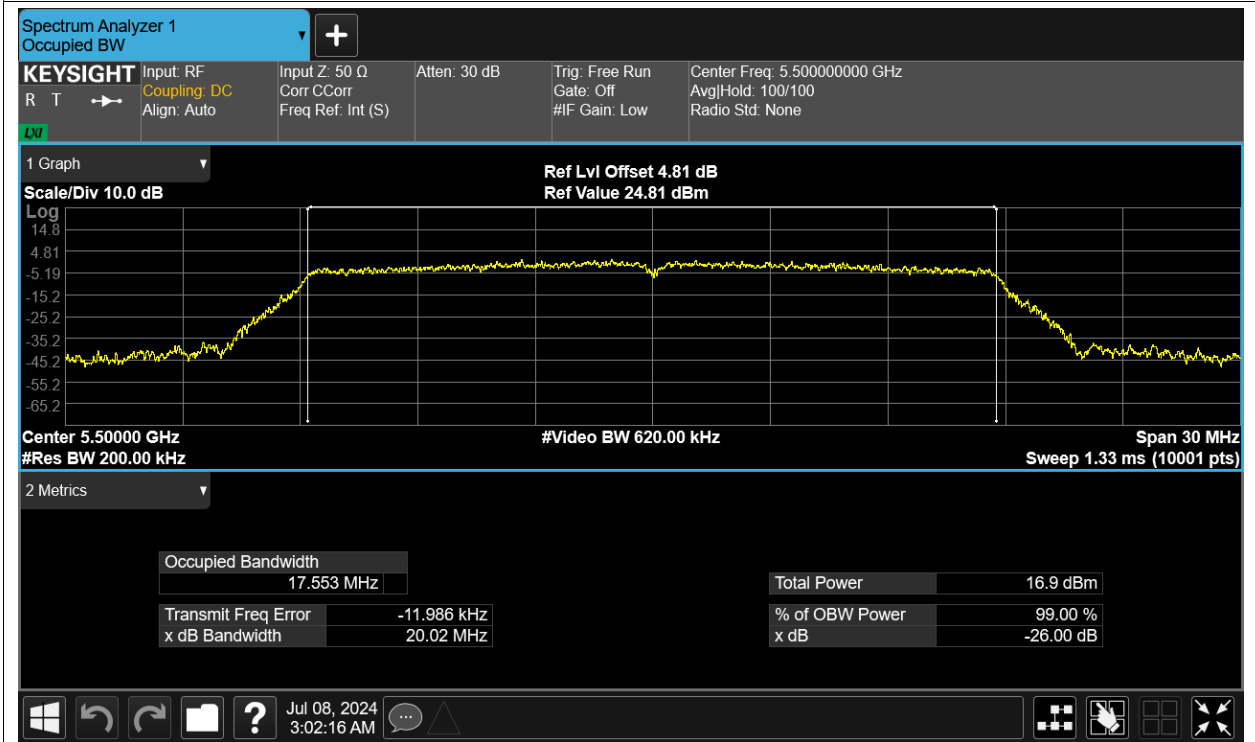
OBW NVNT a 5600MHz Ant2



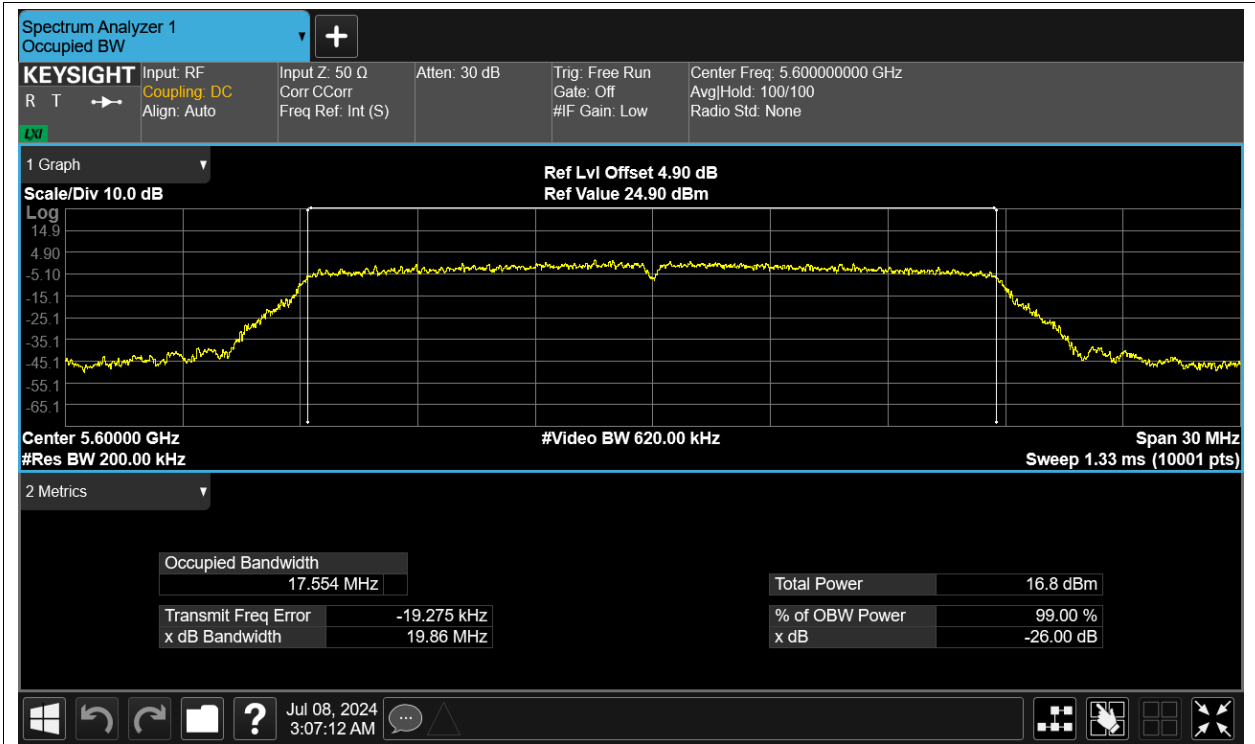
OBW NVNT a 5700MHz Ant2



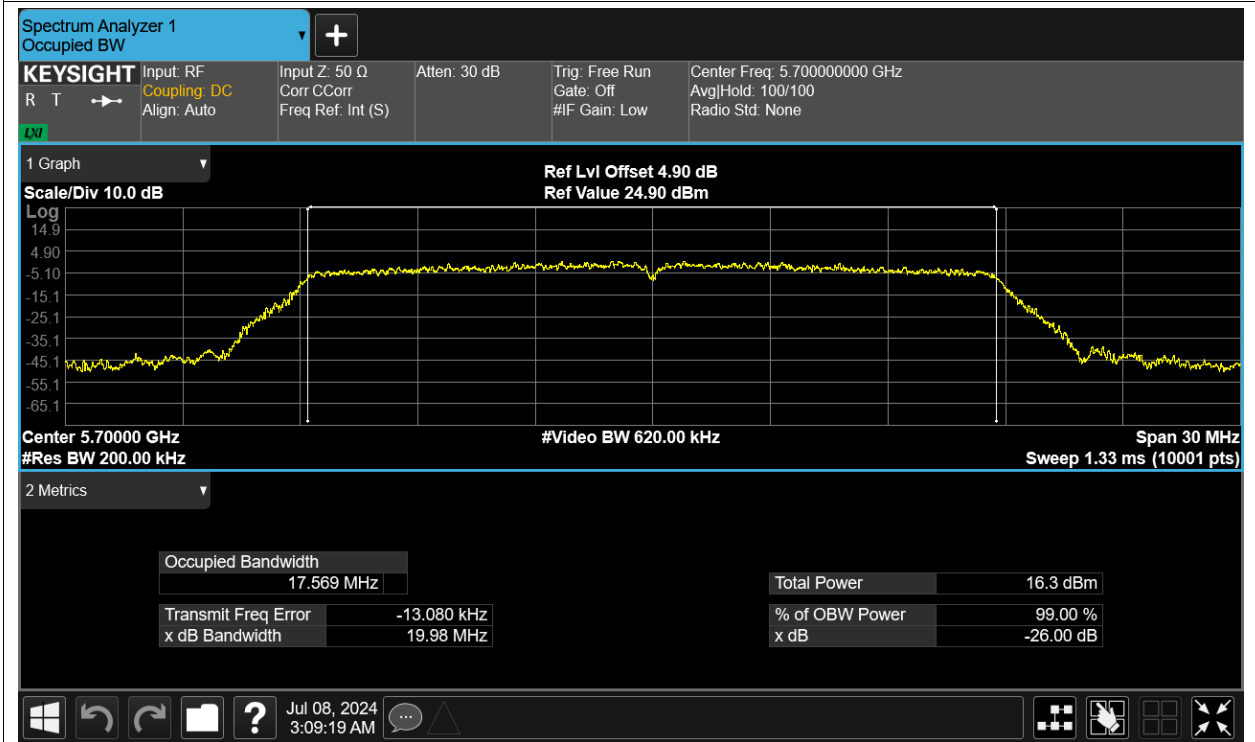
OBW NVNT ac20 5500MHz Ant2



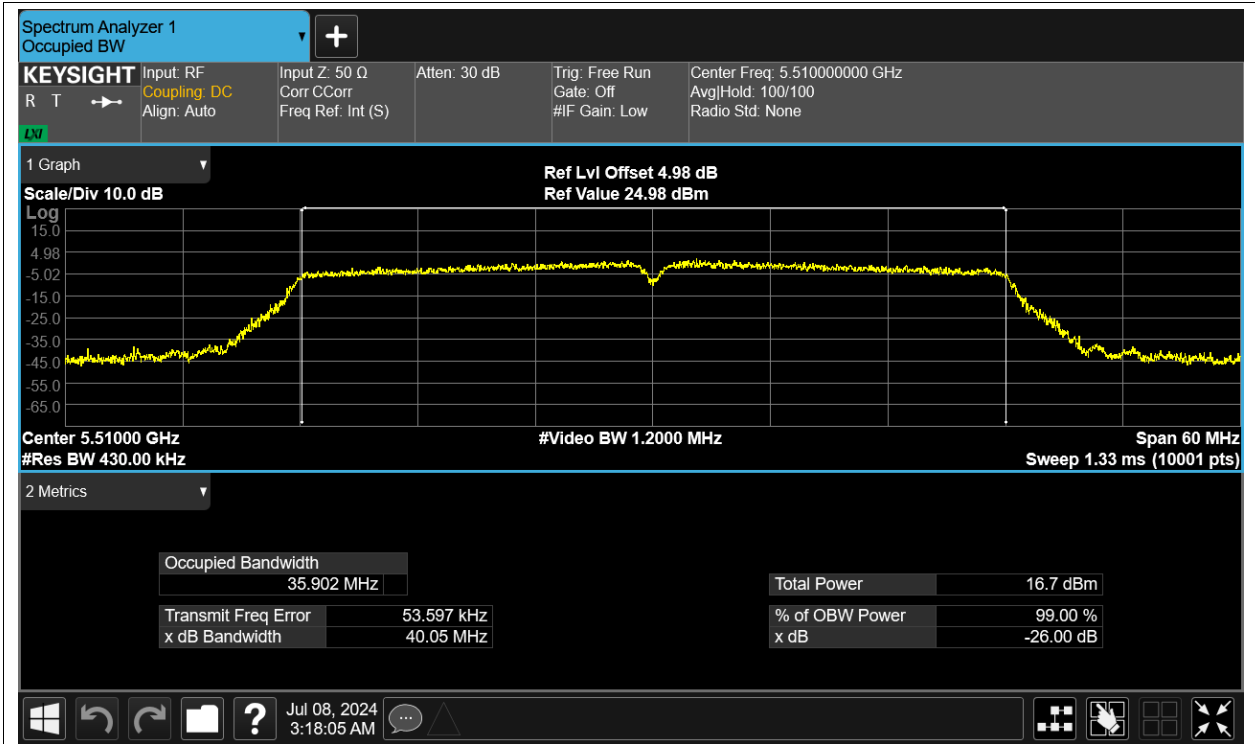
OBW NVNT ac20 5600MHz Ant2



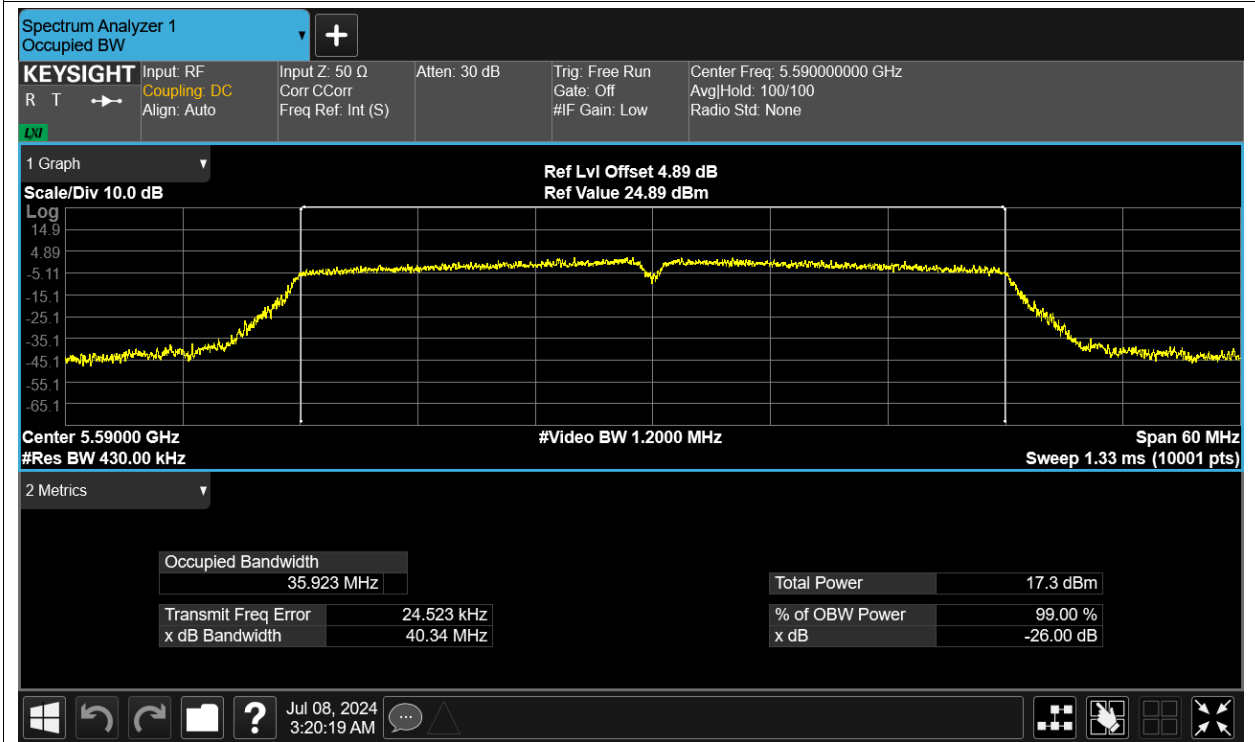
OBW NVNT ac20 5700MHz Ant2



OBW NVNT ac40 5510MHz Ant2



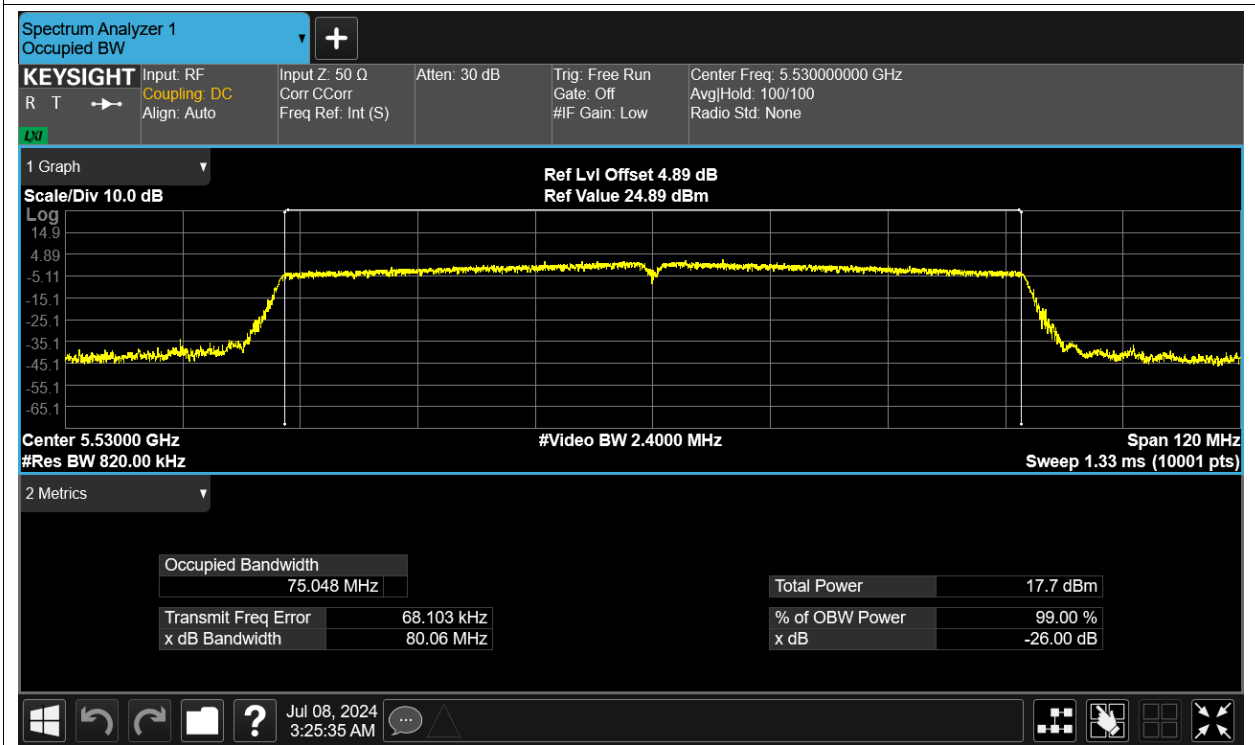
OBW NVNT ac40 5590MHz Ant2



OBW NVNT ac40 5670MHz Ant2



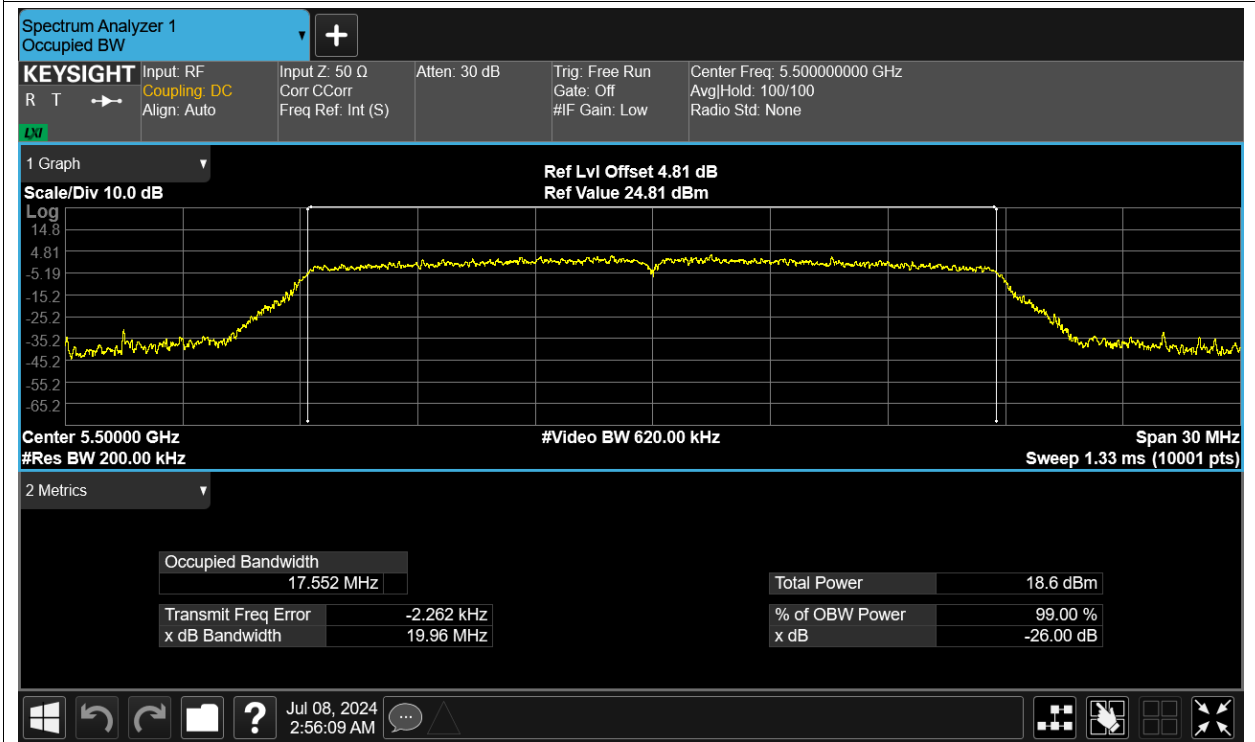
OBW NVNT ac80 5530MHz Ant2



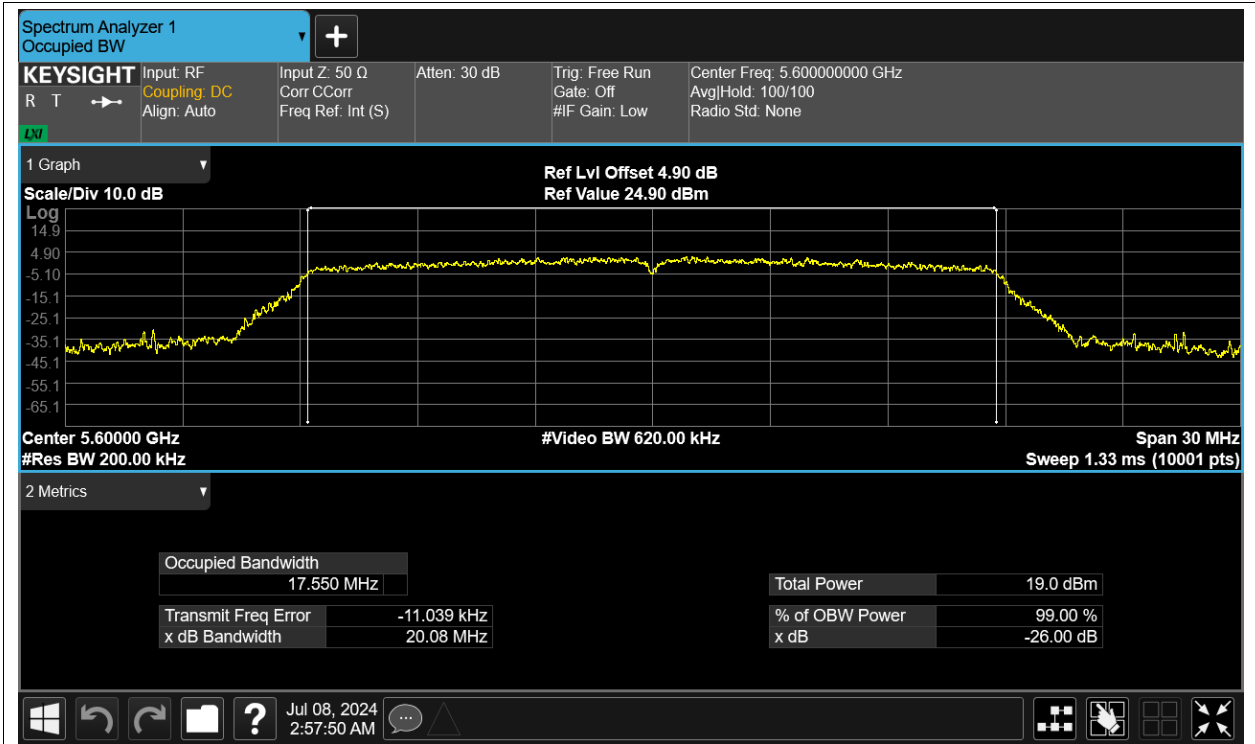
OBW NVNT ac80 5610MHz Ant2



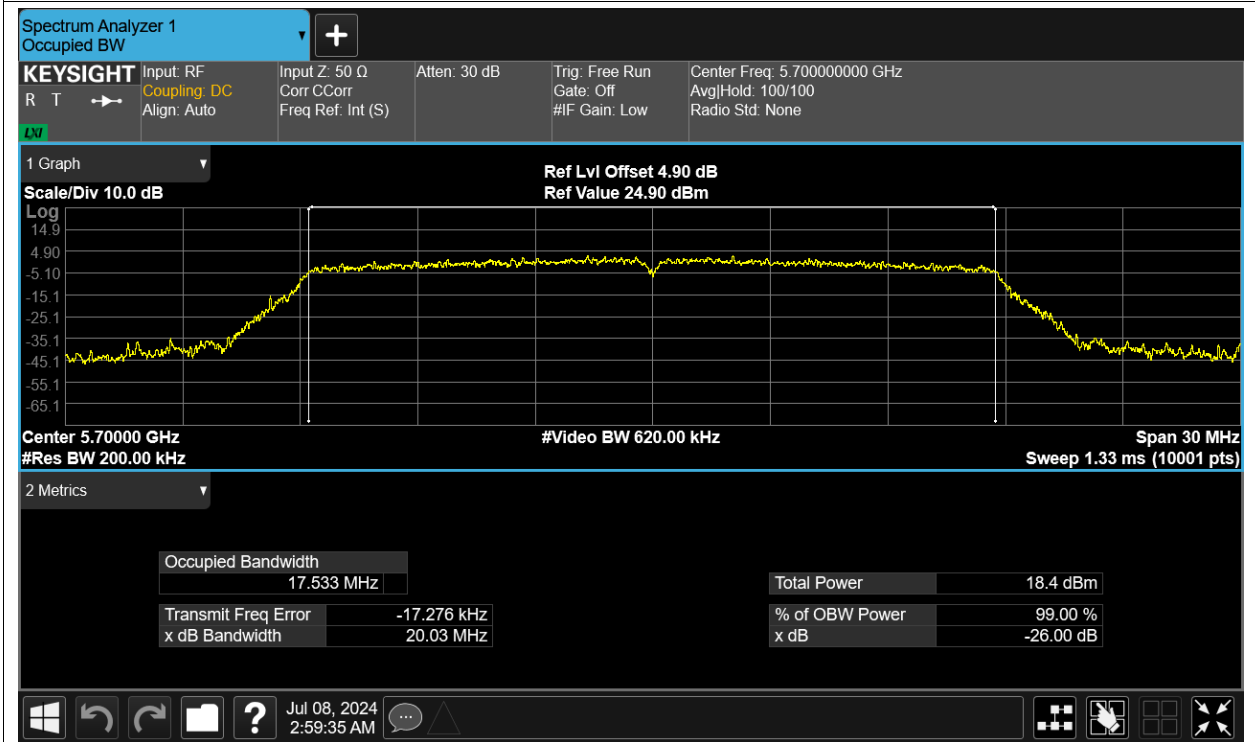
OBW NVNT n20 5500MHz Ant2



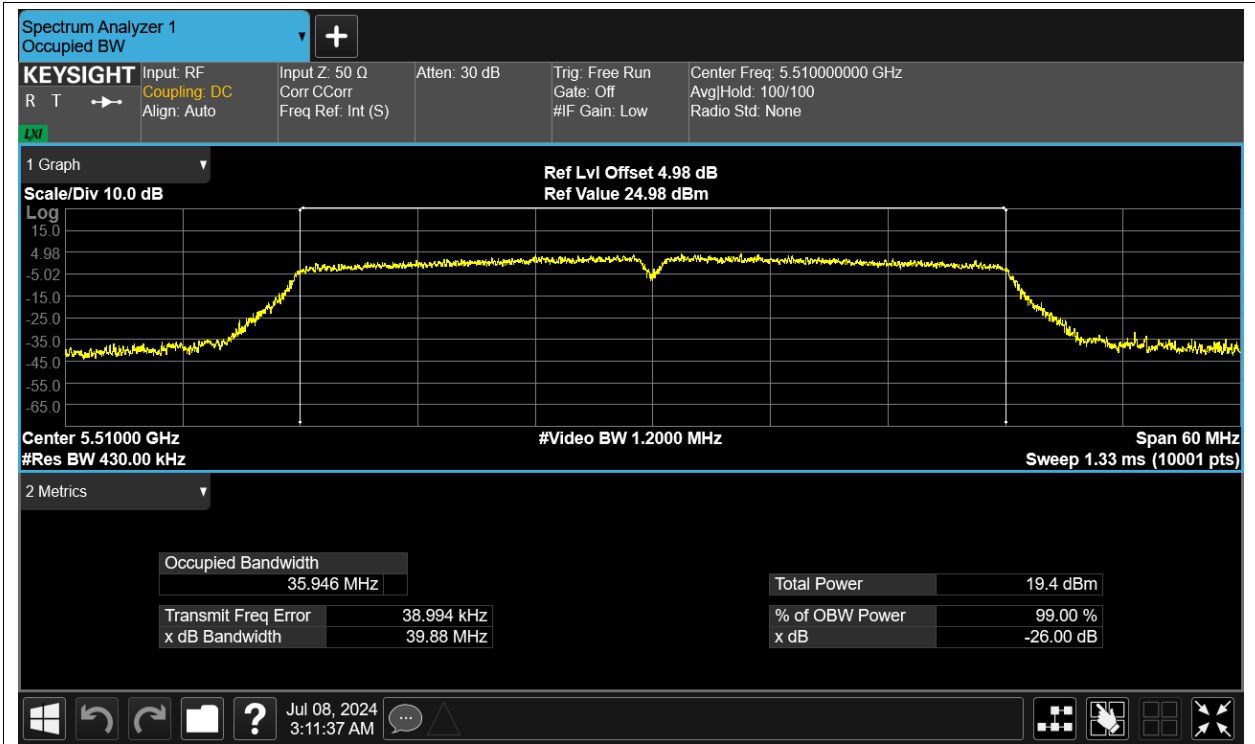
OBW NVNT n20 5600MHz Ant2



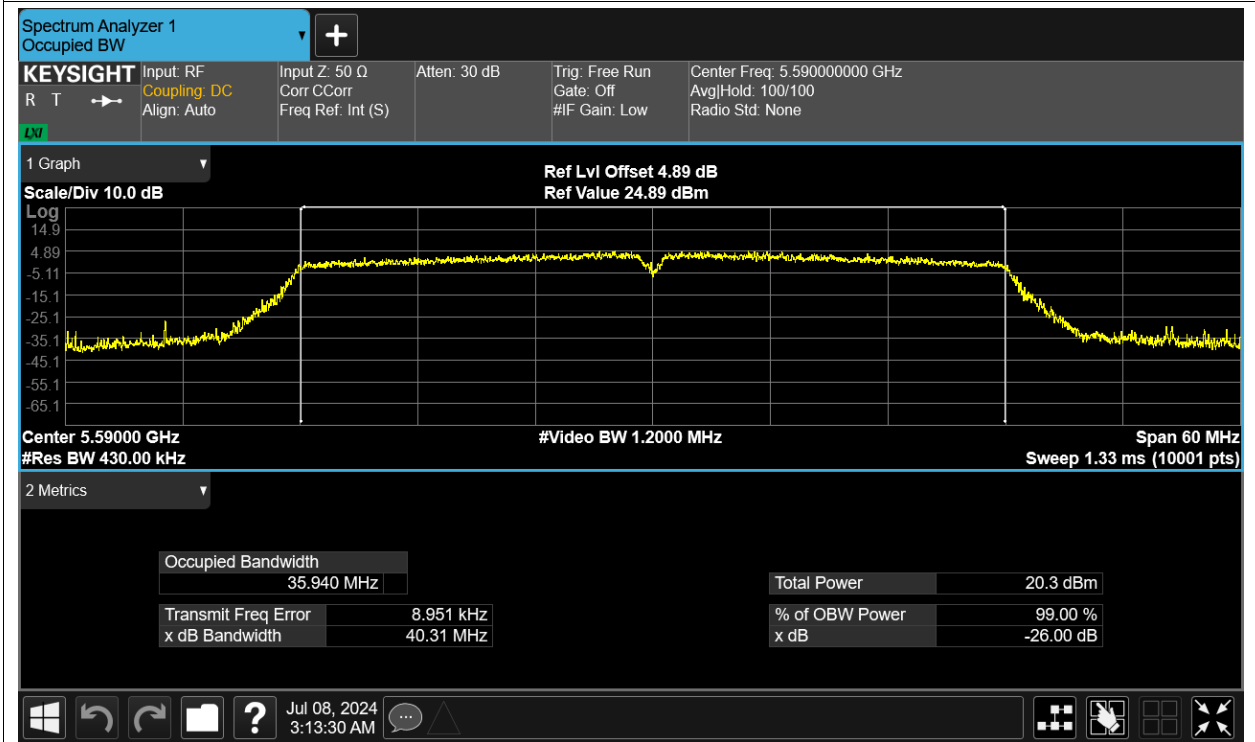
OBW NVNT n20 5700MHz Ant2



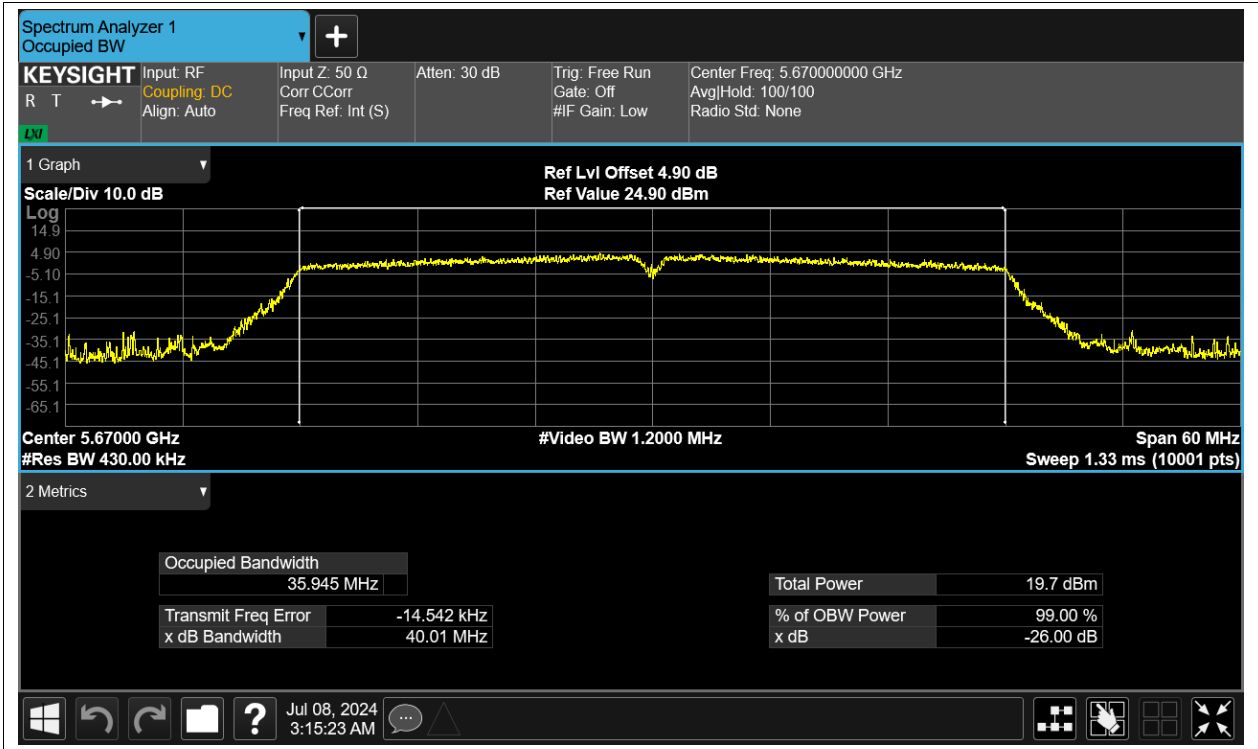
OBW NVNT n40 5510MHz Ant2



OBW NVNT n40 5590MHz Ant2



OBW NVNT n40 5670MHz Ant2

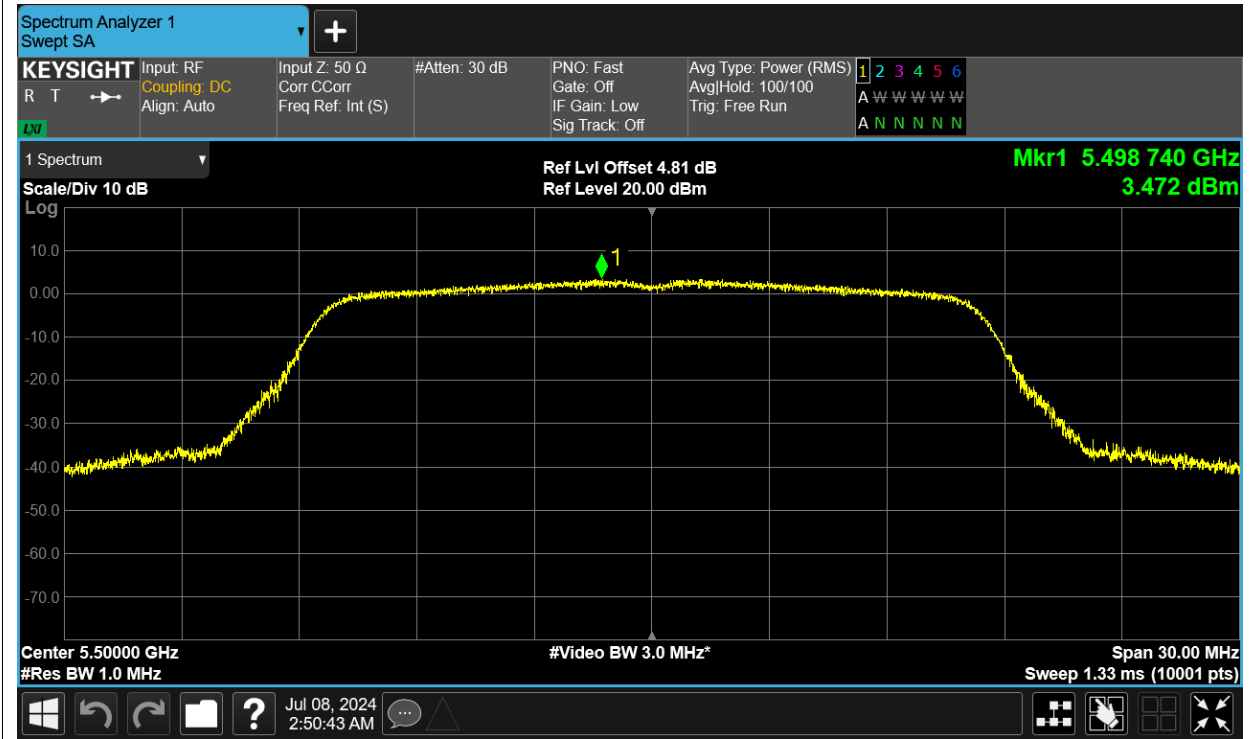


Maximum Power Spectral Density Level

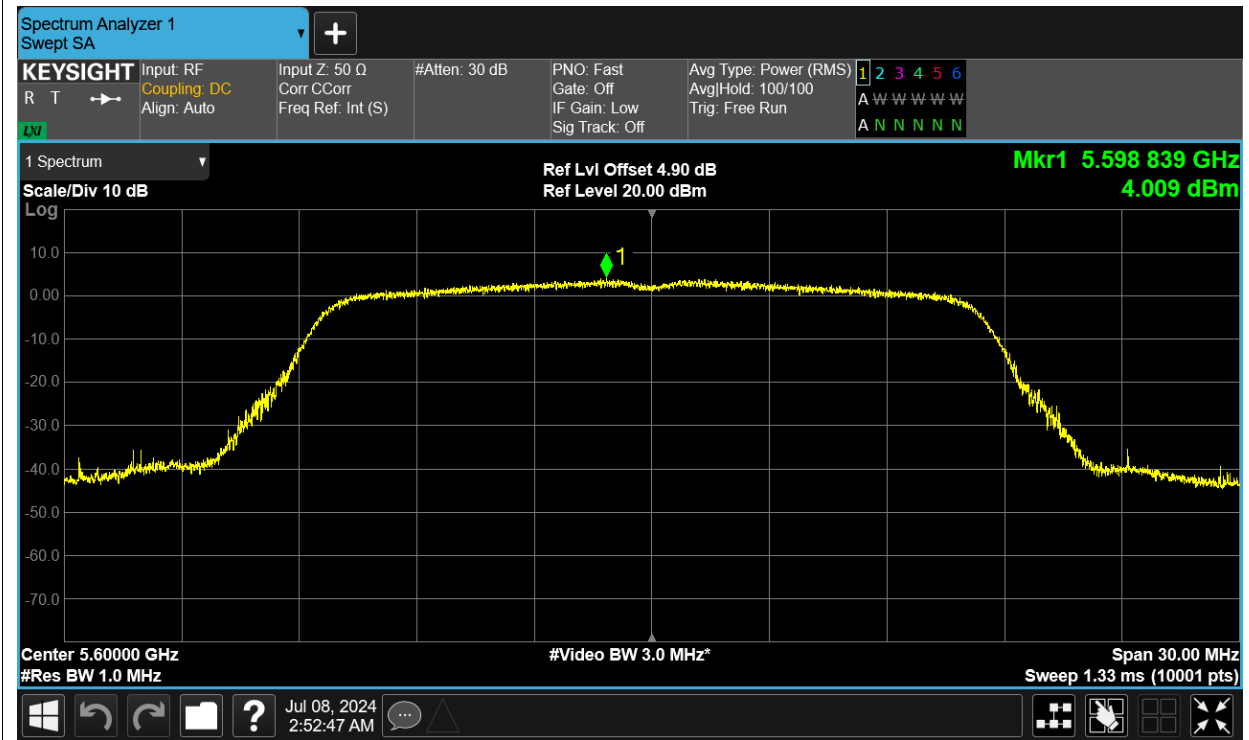
Condition	Mode	Frequency (MHz)	Antenna	Max PSD (dBm)	Limit (dBm)	Verdict
NVNT	a	5500	Ant2	3.472	11	Pass
NVNT	a	5600	Ant2	4.009	11	Pass
NVNT	a	5700	Ant2	3.906	11	Pass
NVNT	ac20	5500	Ant2	1.631	11	Pass
NVNT	ac20	5600	Ant2	1.463	11	Pass
NVNT	ac20	5700	Ant2	1.191	11	Pass
NVNT	ac40	5510	Ant2	-1.732	11	Pass
NVNT	ac40	5590	Ant2	-0.868	11	Pass
NVNT	ac40	5670	Ant2	-1.496	11	Pass
NVNT	ac80	5530	Ant2	-4.089	11	Pass
NVNT	ac80	5610	Ant2	-4.32	11	Pass
NVNT	n20	5500	Ant2	3.185	11	Pass
NVNT	n20	5600	Ant2	3.738	11	Pass
NVNT	n20	5700	Ant2	3.381	11	Pass
NVNT	n40	5510	Ant2	0.997	11	Pass
NVNT	n40	5590	Ant2	2.056	11	Pass
NVNT	n40	5670	Ant2	1.442	11	Pass

Test Graphs

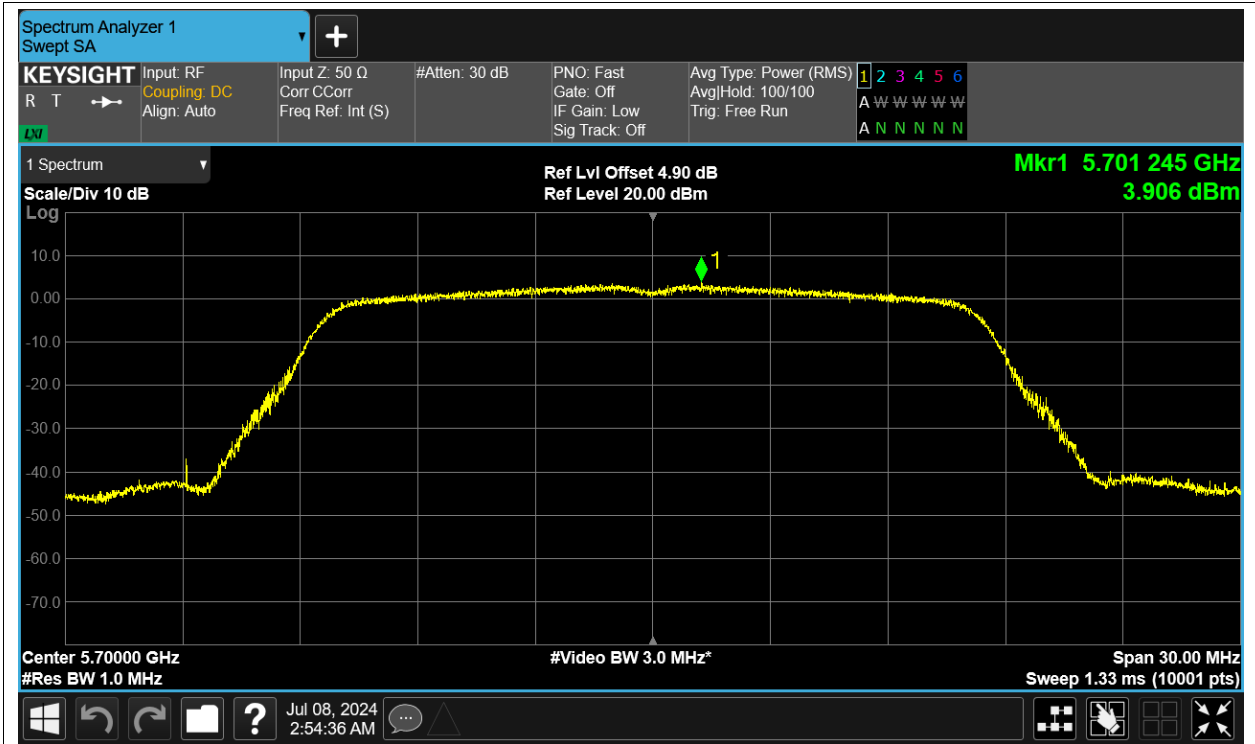
PSD NVNT a 5500MHz Ant2



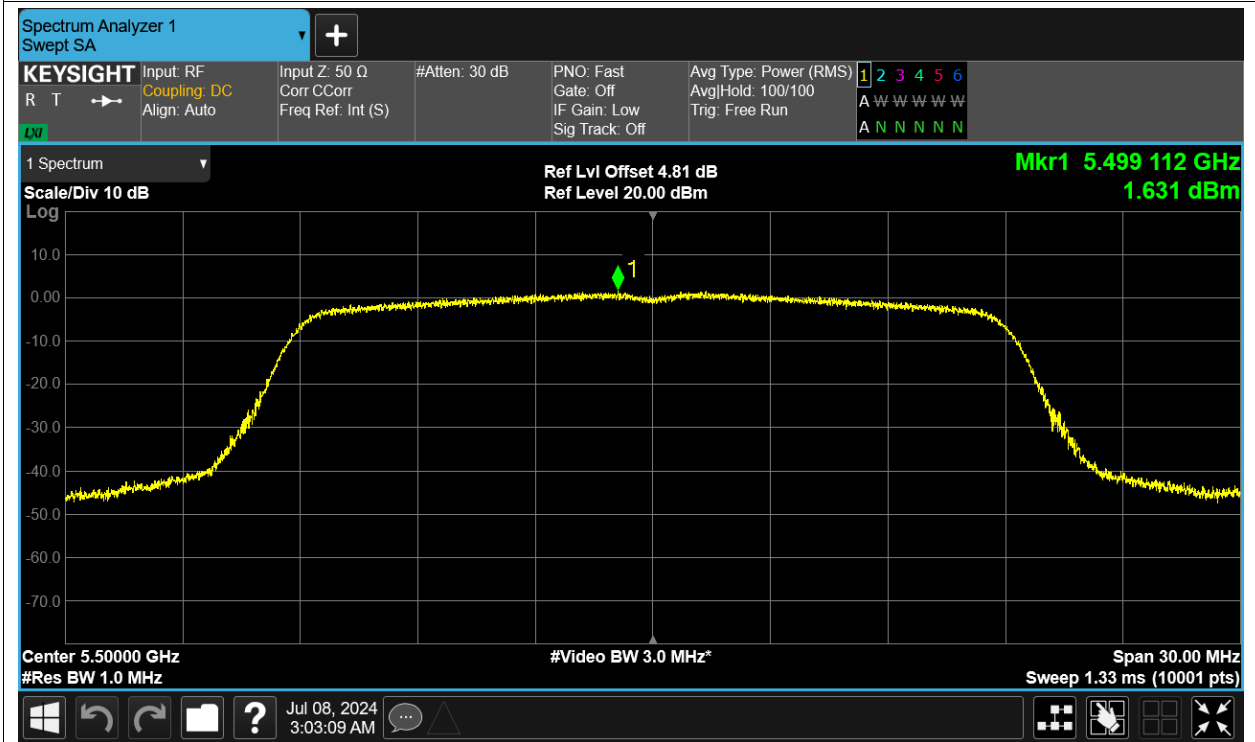
PSD NVNT a 5600MHz Ant2



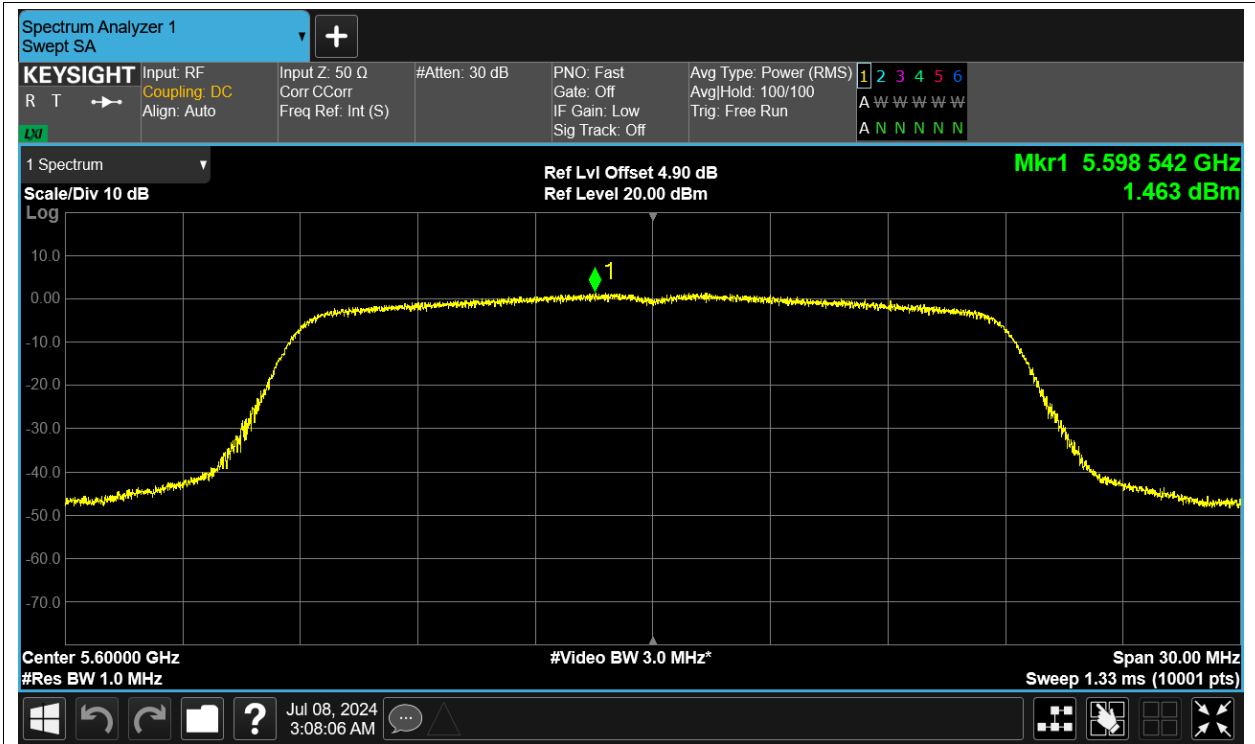
PSD NVNT a 5700MHz Ant2



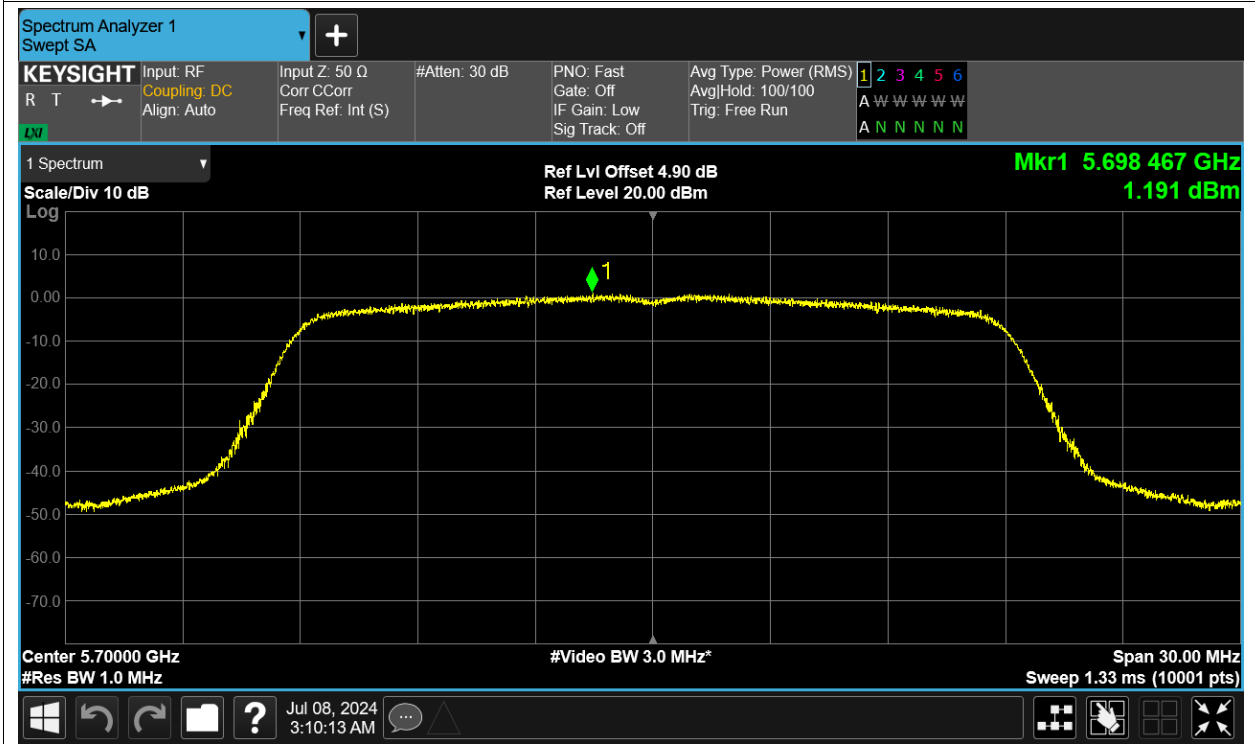
PSD NVNT ac20 5500MHz Ant2



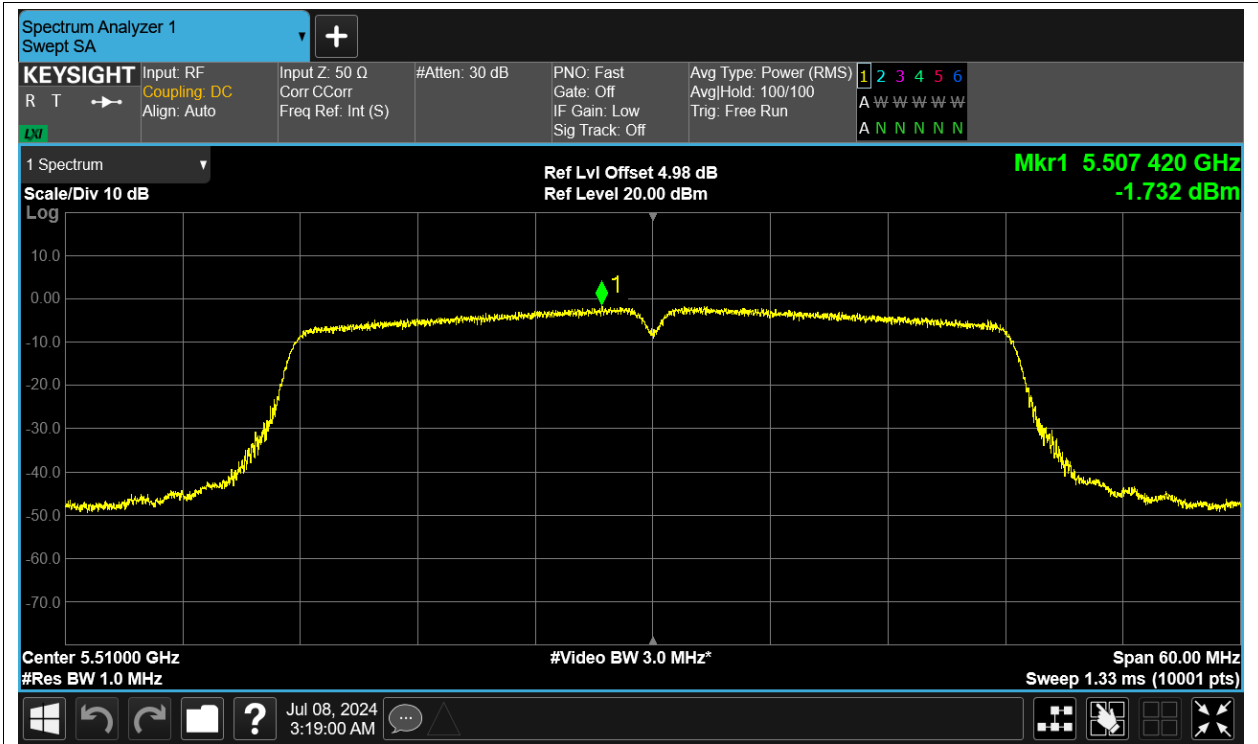
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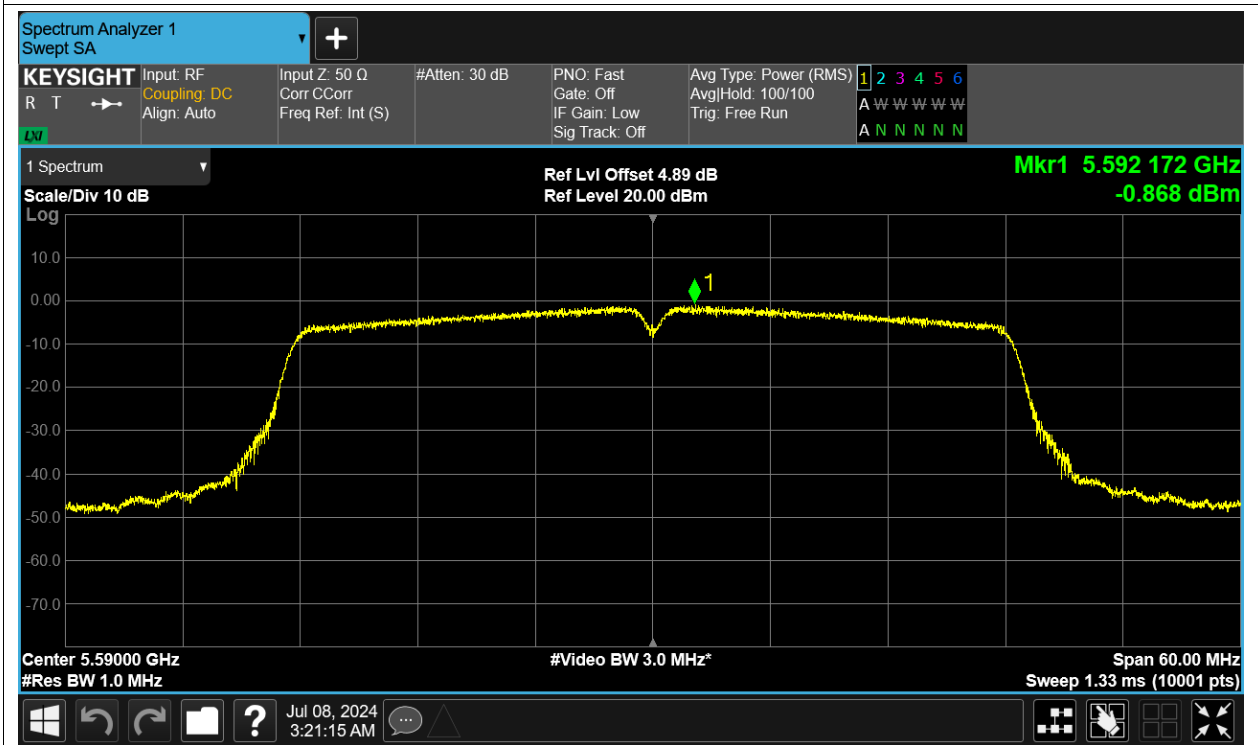
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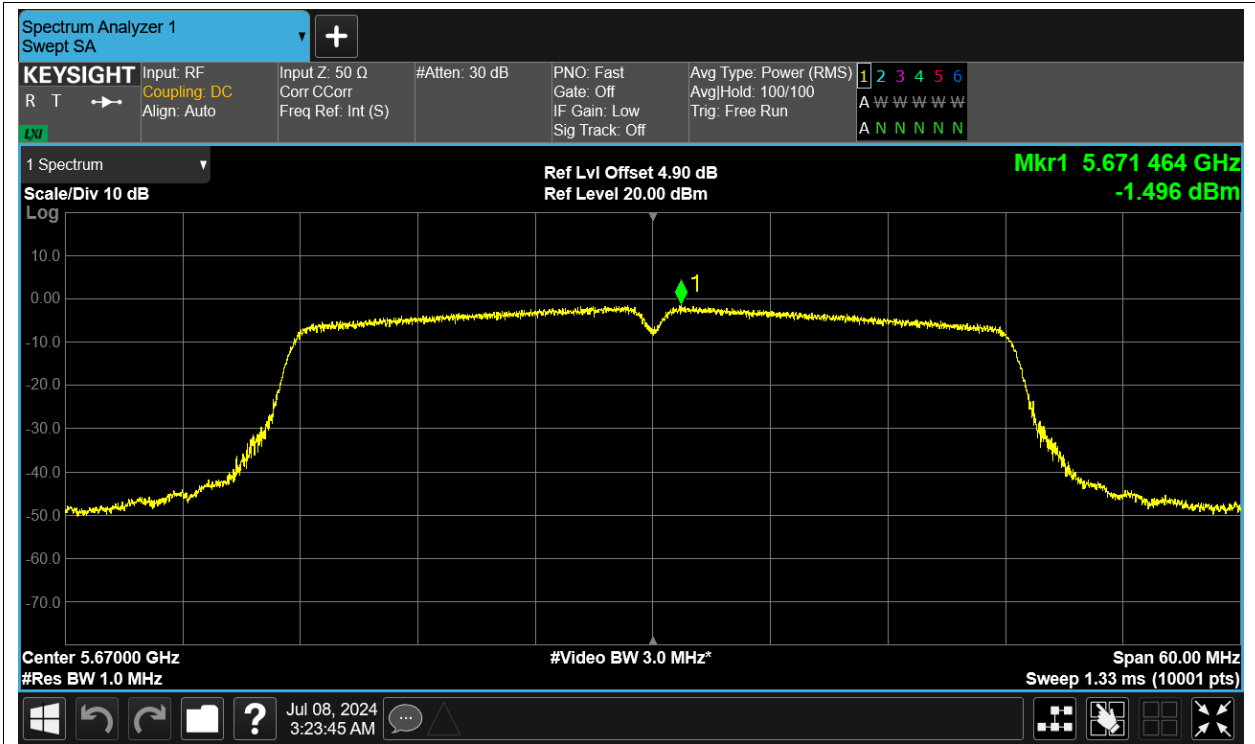
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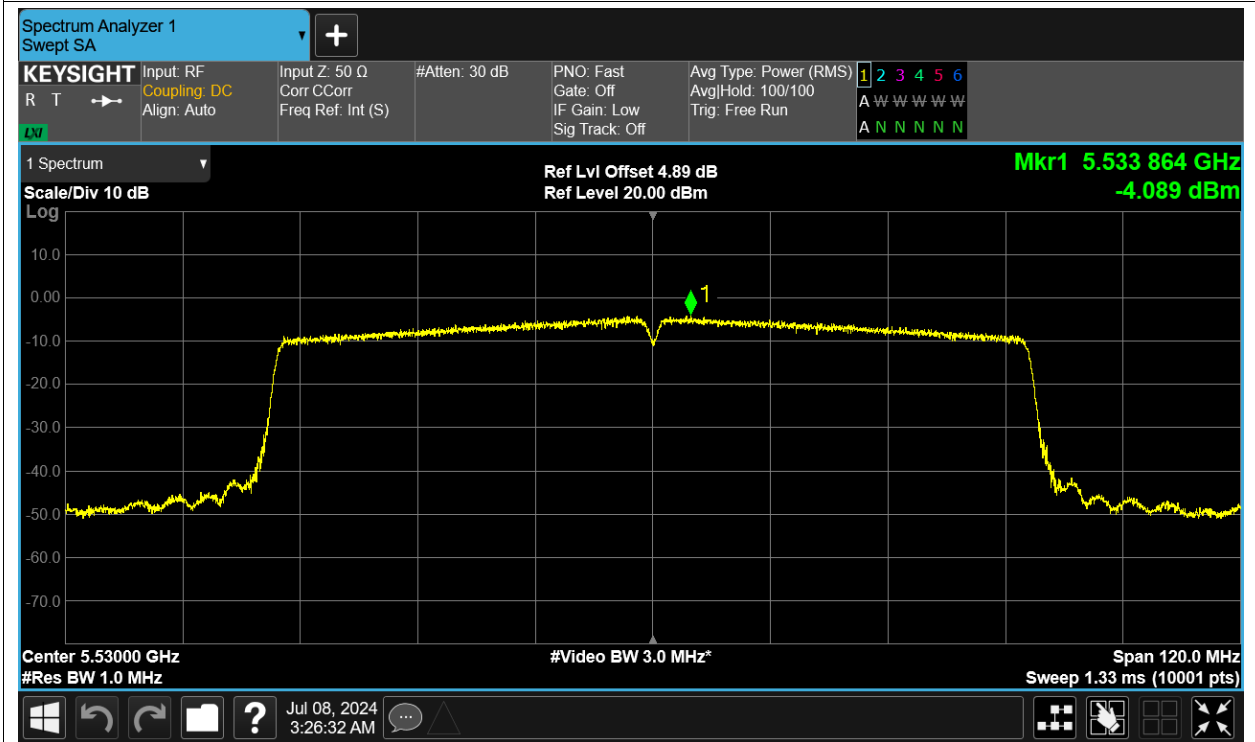
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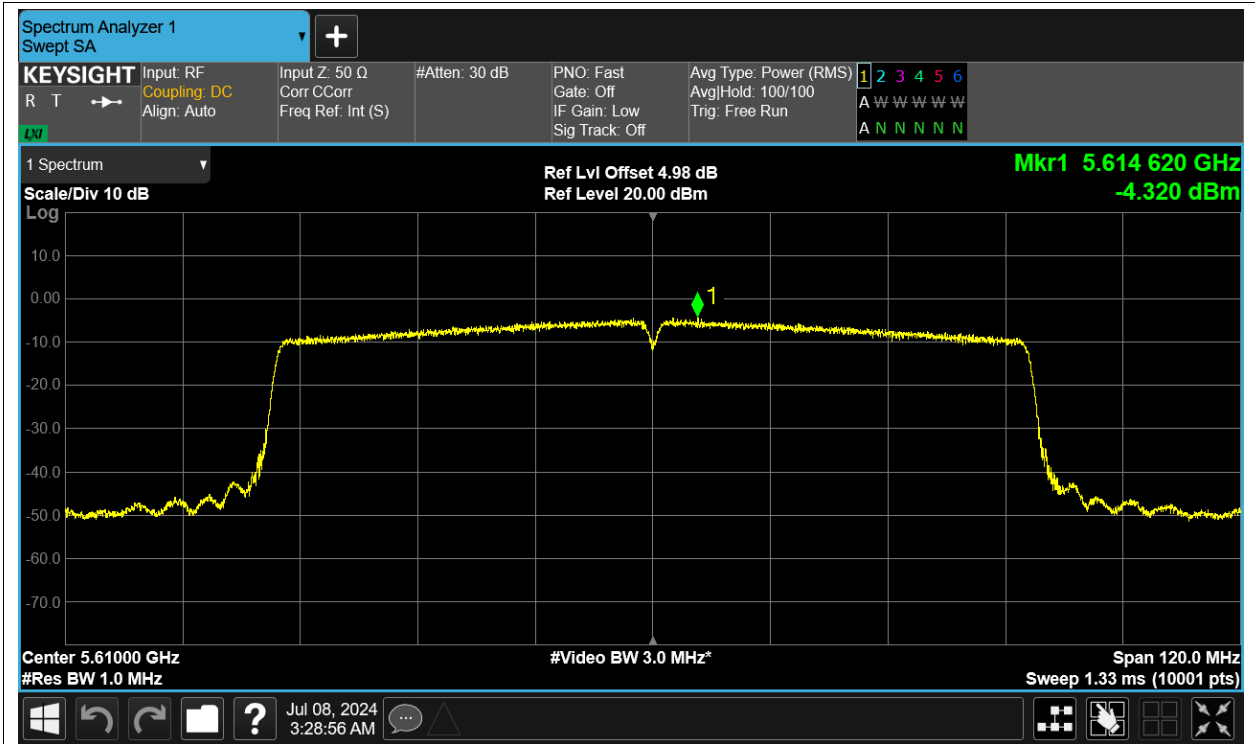
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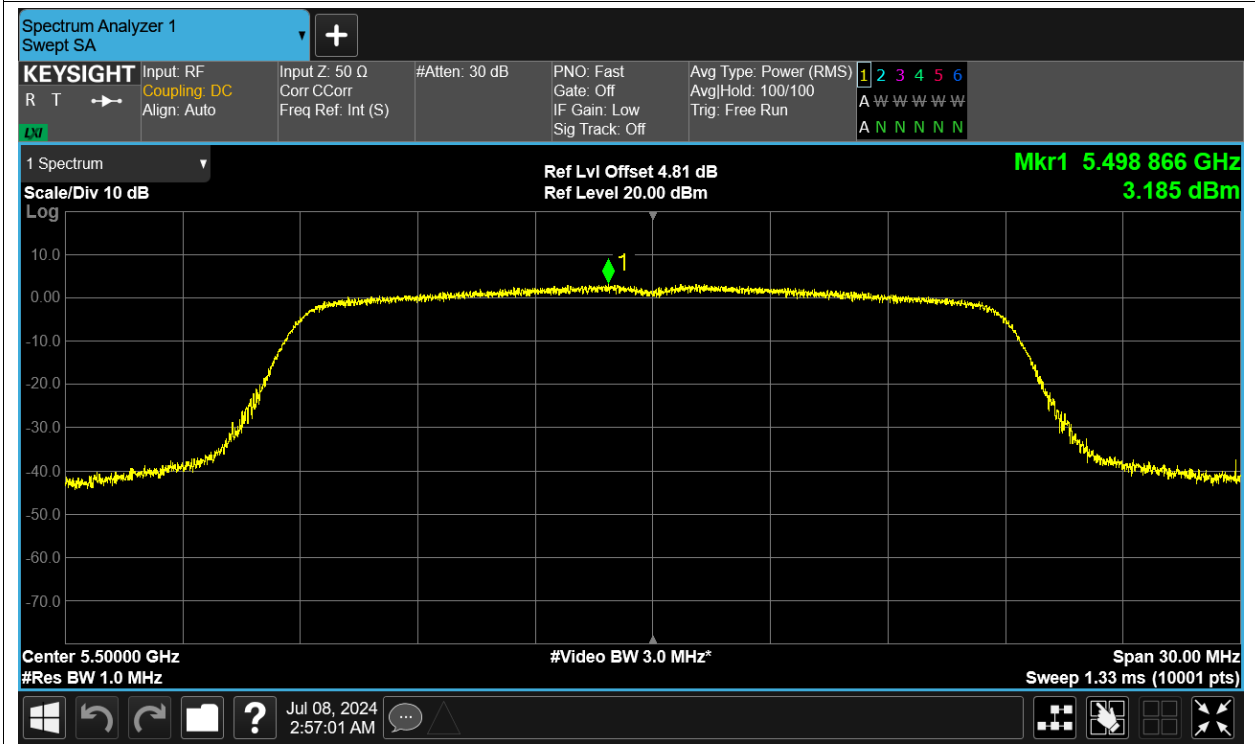
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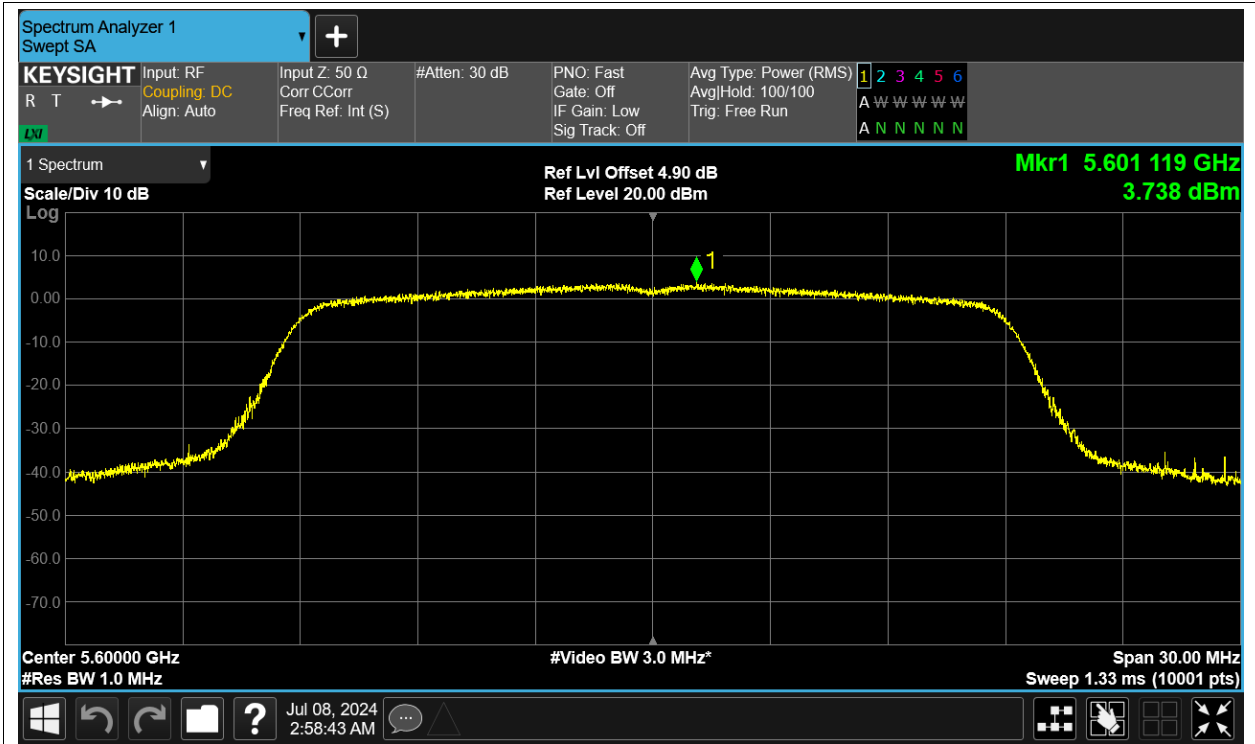
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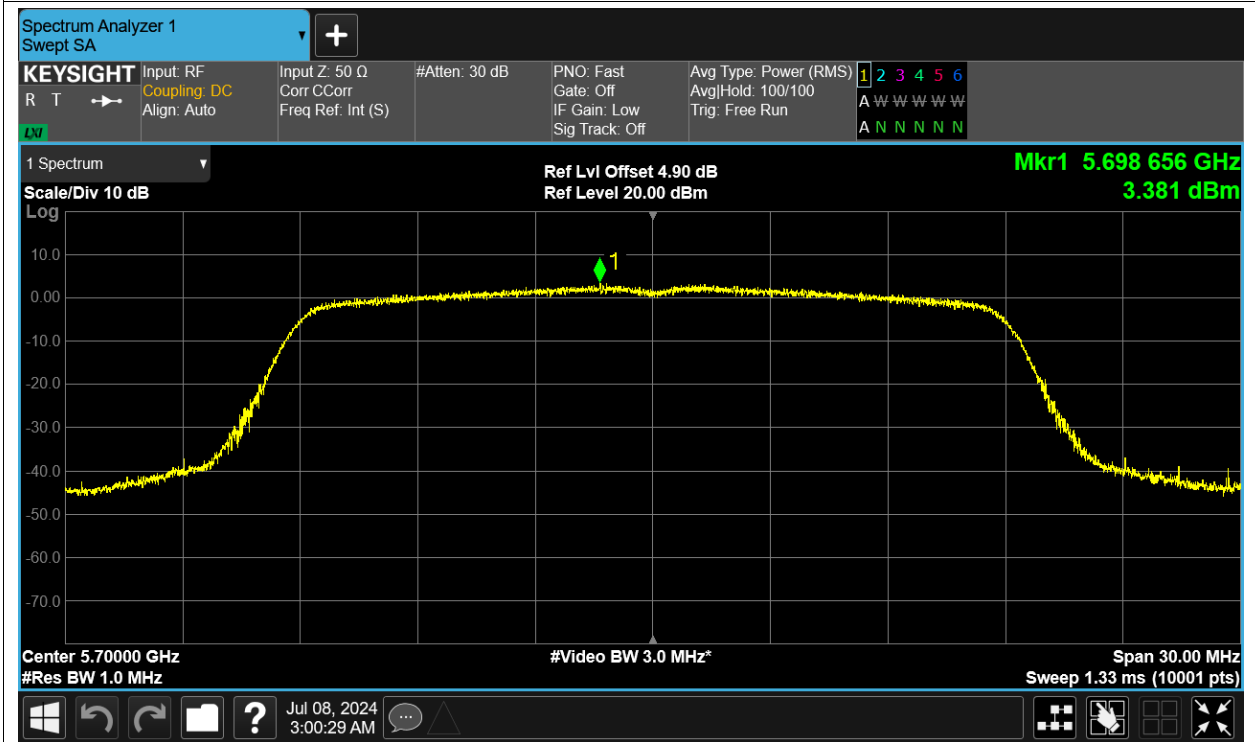
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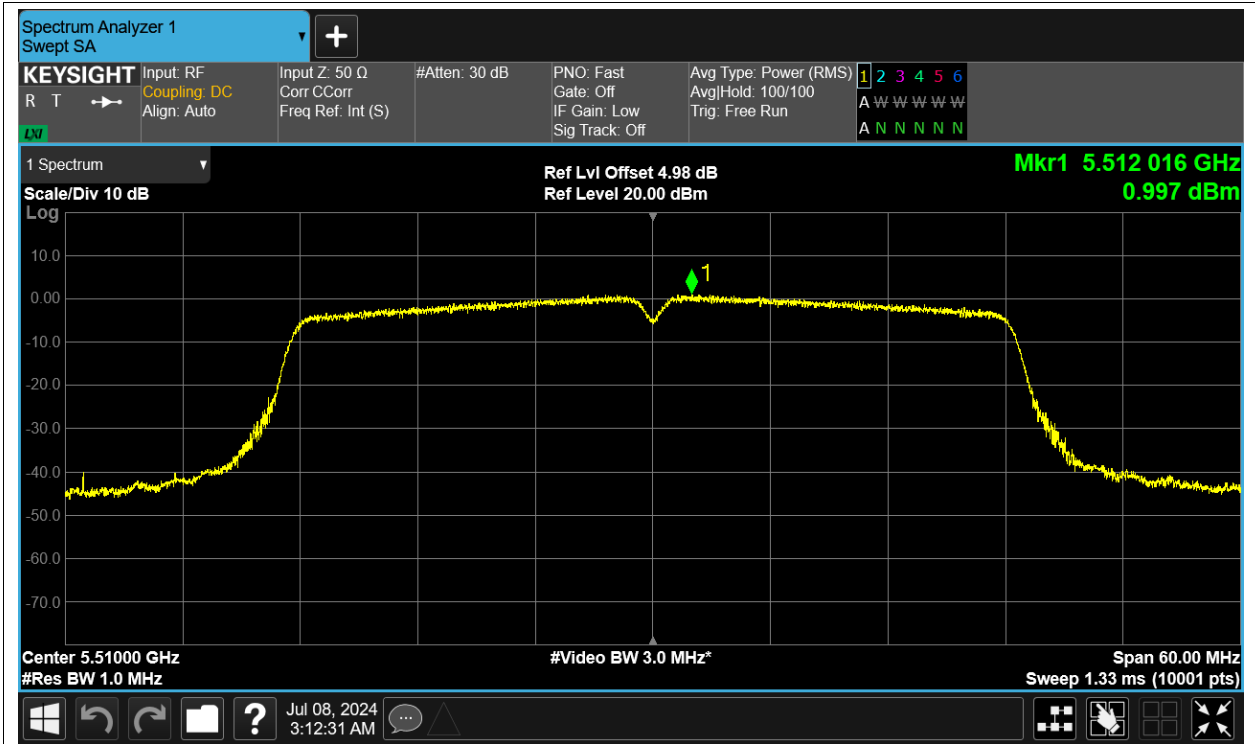
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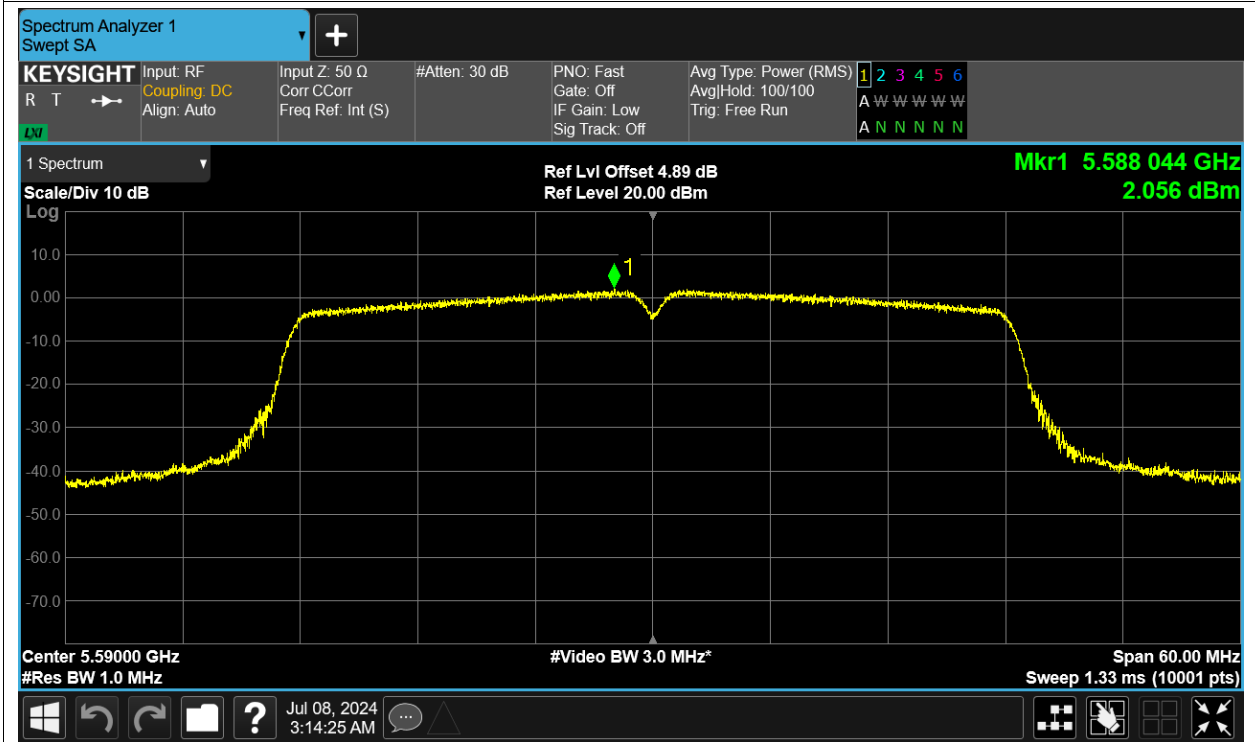
PSD NVNT n20 5700MHz Ant2



PSD NVNT n40 5510MHz Ant2



PSD NVNT n40 5590MHz Ant2



PSD NVNT n40 5670MHz Ant2

