

Test Data

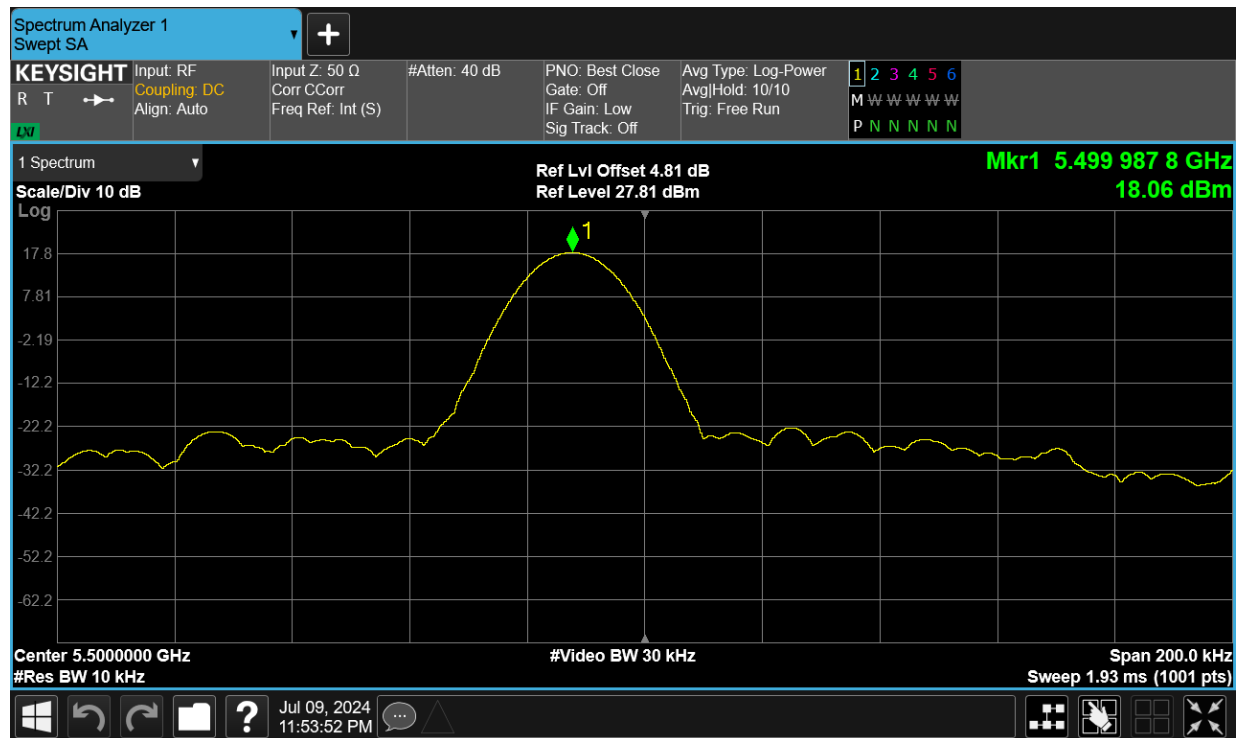
Frequency Stability

Condition	Mode	Frequency (MHz)	Antenna	Measured Frequency (MHz)	Deviation (ppm)	Limit (ppm)	Verdict
HVNT	a	5500	Ant13	5499.9878	-2.22	Within authorized band	Pass
LVNT	a	5500	Ant13	5499.9878	-2.22		Pass
NVHT	a	5500	Ant13	5499.988	-2.18		Pass
NVLT	a	5500	Ant13	5499.9884	-2.11		Pass
NVNT	a	5500	Ant13	5499.9886	-2.07		Pass
HVNT	ac80	5530	Ant13	5529.988	-2.17		Pass
LVNT	ac80	5530	Ant13	5529.9882	-2.13		Pass
NVHT	ac80	5530	Ant13	5529.9884	-2.1		Pass
NVLT	ac80	5530	Ant13	5529.9876	-2.24		Pass
NVNT	ac80	5530	Ant13	5529.9886	-2.06		Pass
HVNT	n40	5510	Ant13	5509.9874	-2.29		Pass
LVNT	n40	5510	Ant13	5509.9876	-2.25		Pass
NVHT	n40	5510	Ant13	5509.9876	-2.25		Pass
NVLT	n40	5510	Ant13	5509.9876	-2.25		Pass
NVNT	n40	5510	Ant13	5509.9878	-2.21		Pass

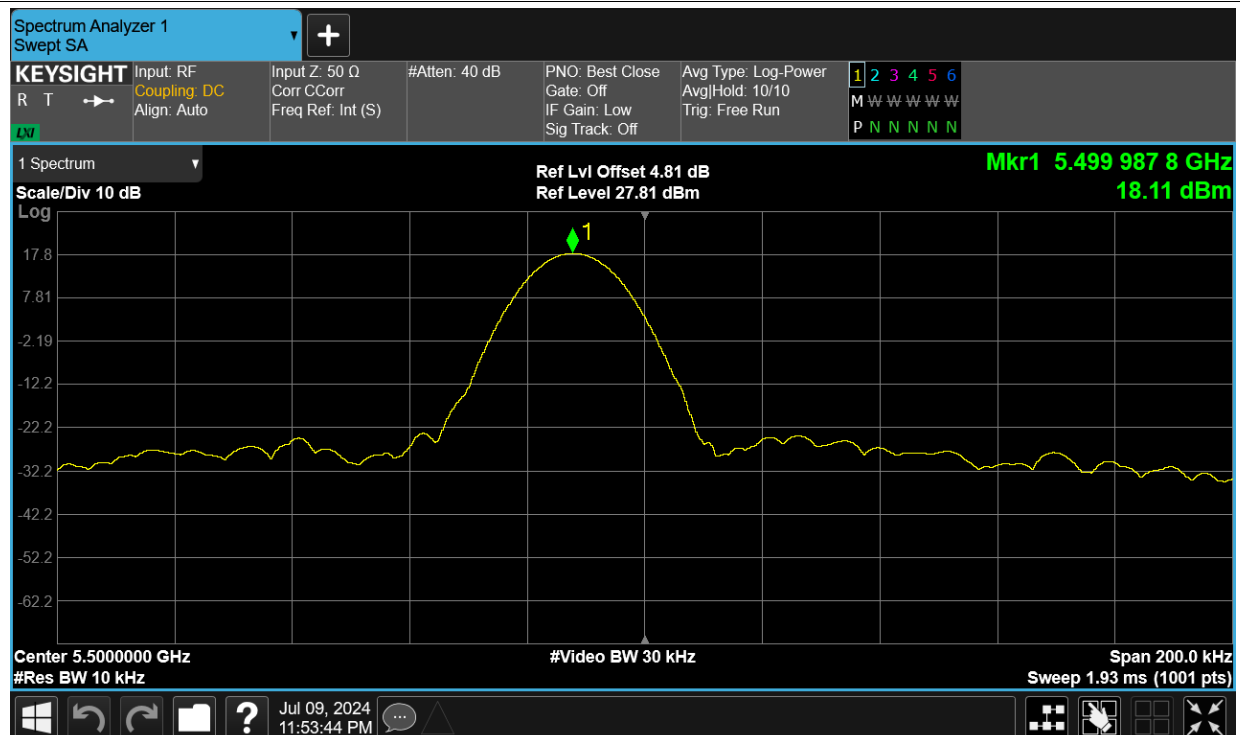
Remark: "NTNV" means Normal Temperature Normal Voltage, "NVHT" means Normal Voltage High Temperature, "NVLT" means Normal Voltage Low Temperature, "LVNT" means Low Voltage Normal Temperature, "HVNT" means High Voltage Normal Temperature.

Test Graphs

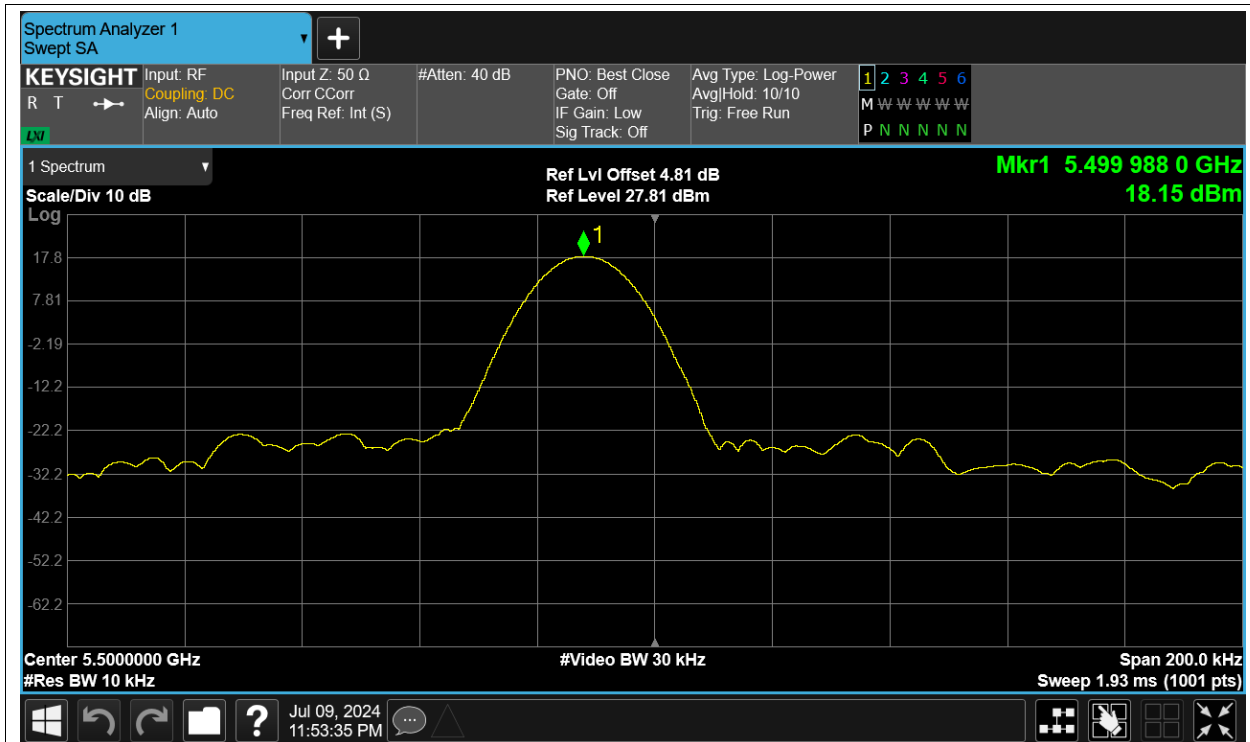
Freq. Stability HVNT a 5500MHz Ant13



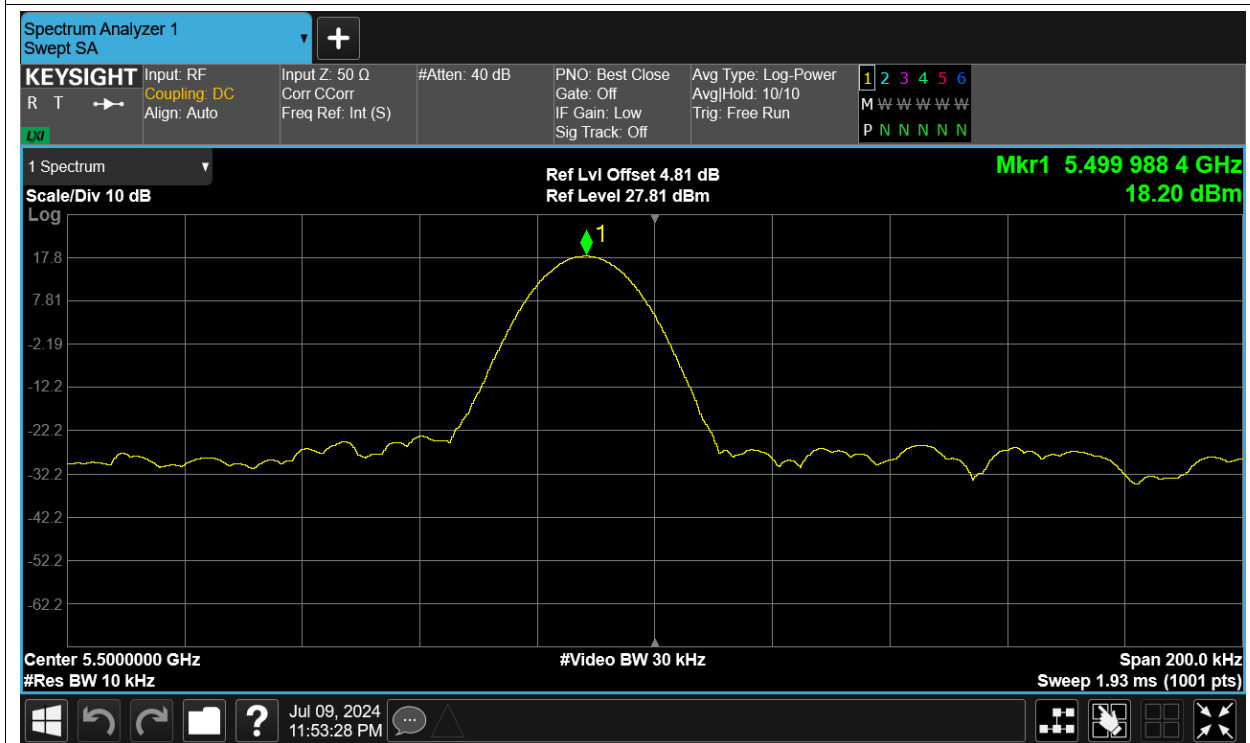
Freq. Stability LVNT a 5500MHz Ant13



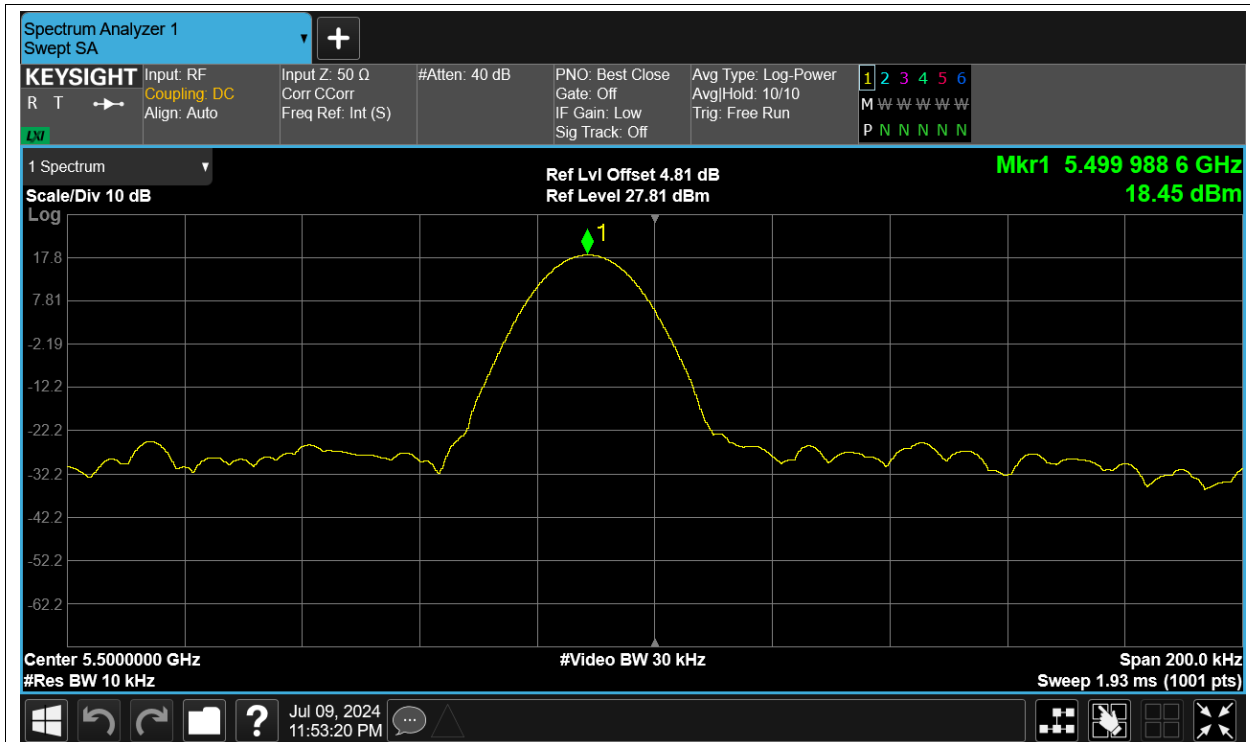
Freq. Stability NVHT a 5500MHz Ant13



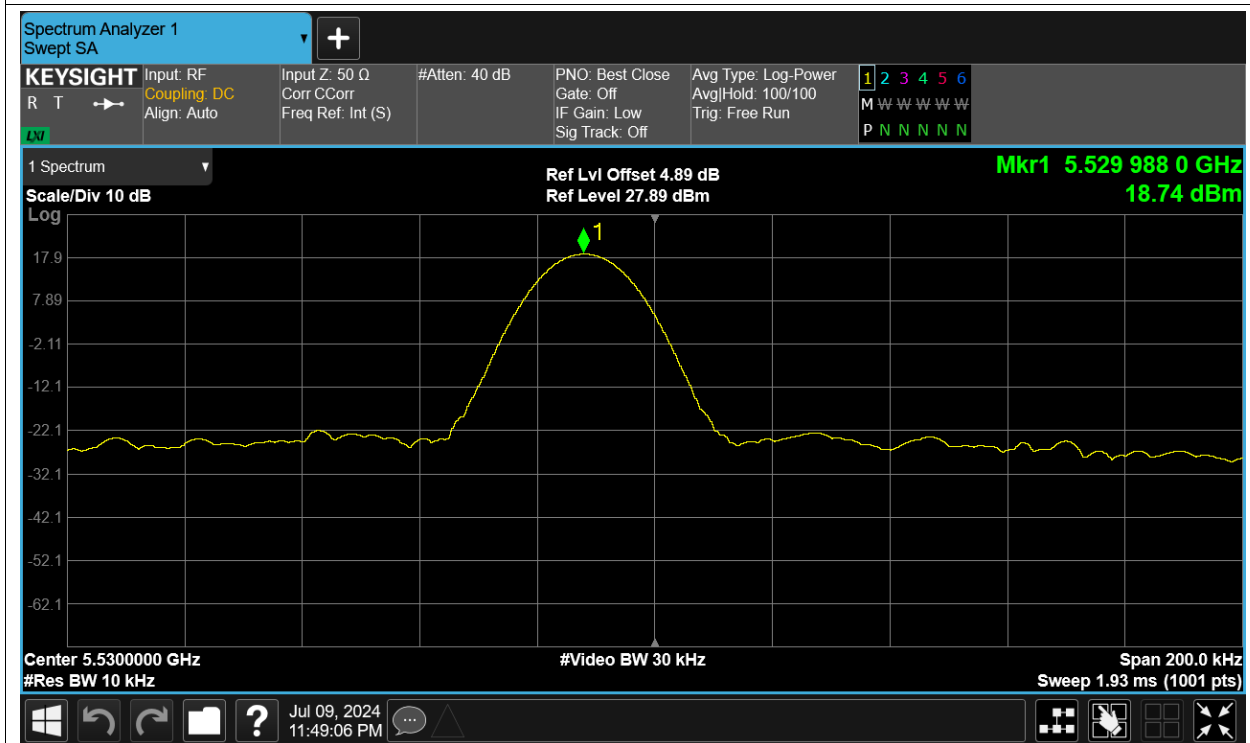
Freq. Stability NVLT a 5500MHz Ant13



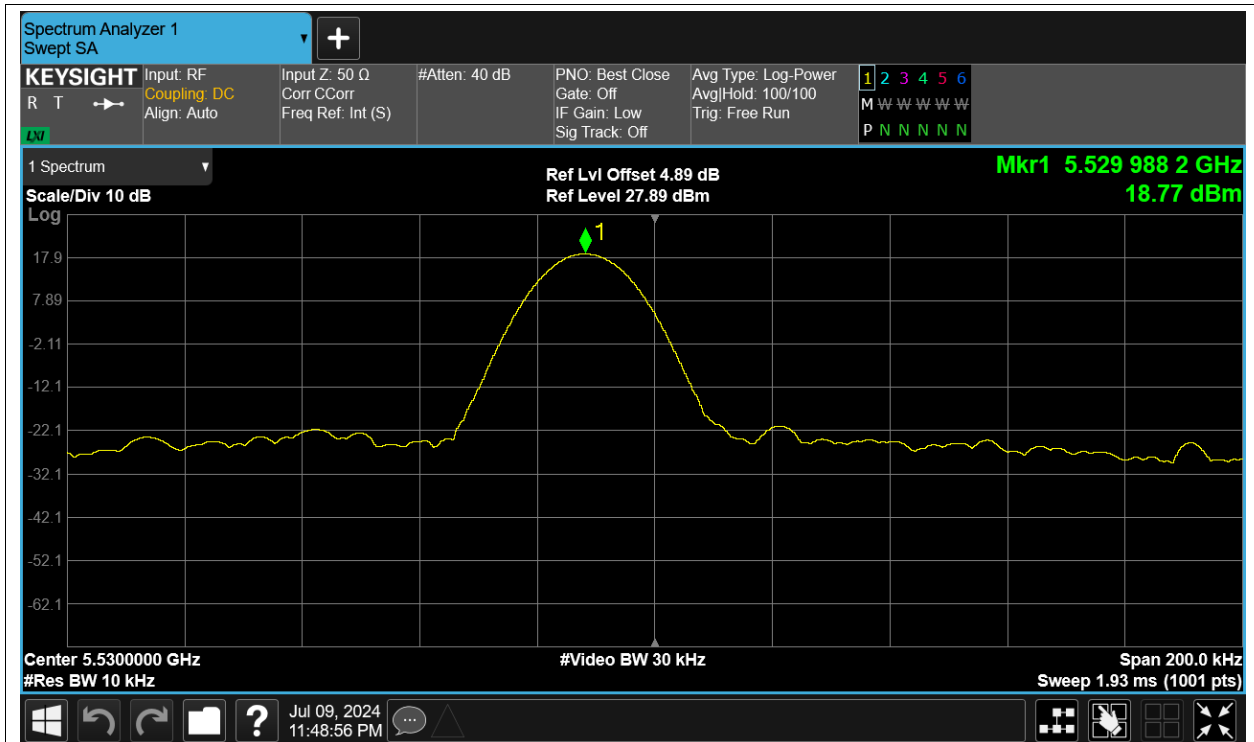
Freq. Stability NVNT a 5500MHz Ant13



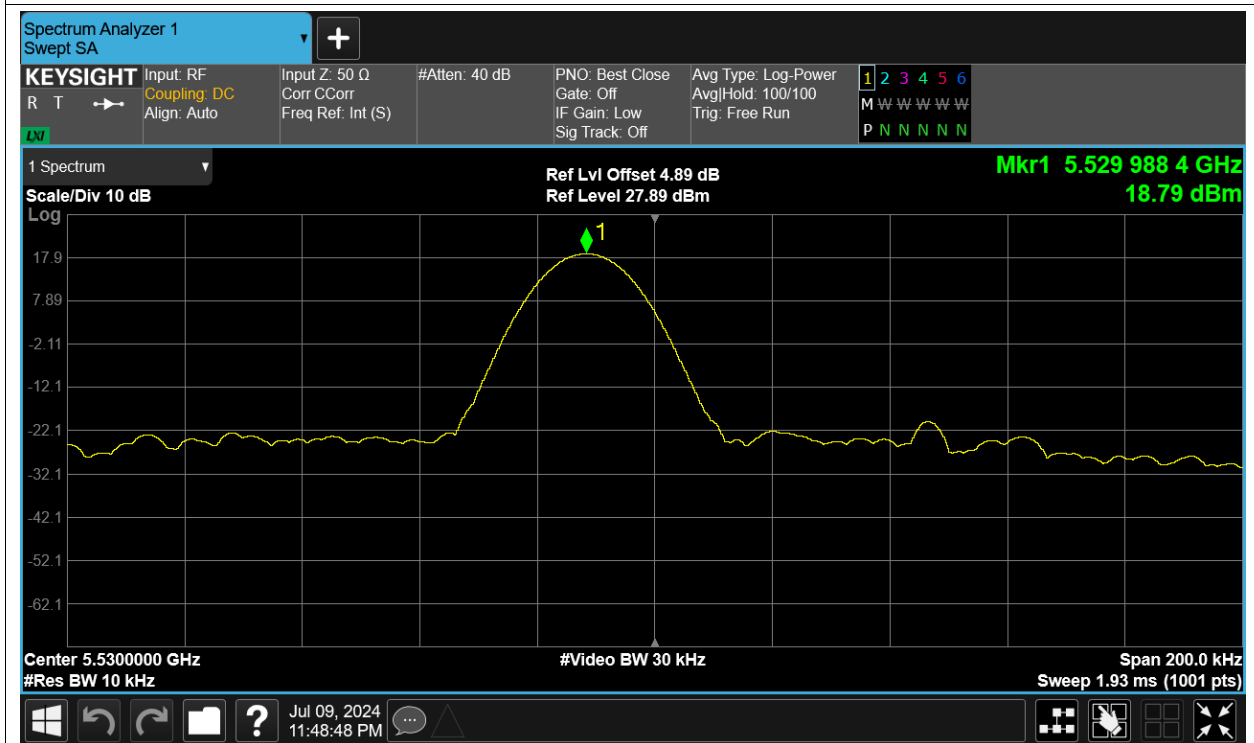
Freq. Stability HVNT ac80 5530MHz Ant13



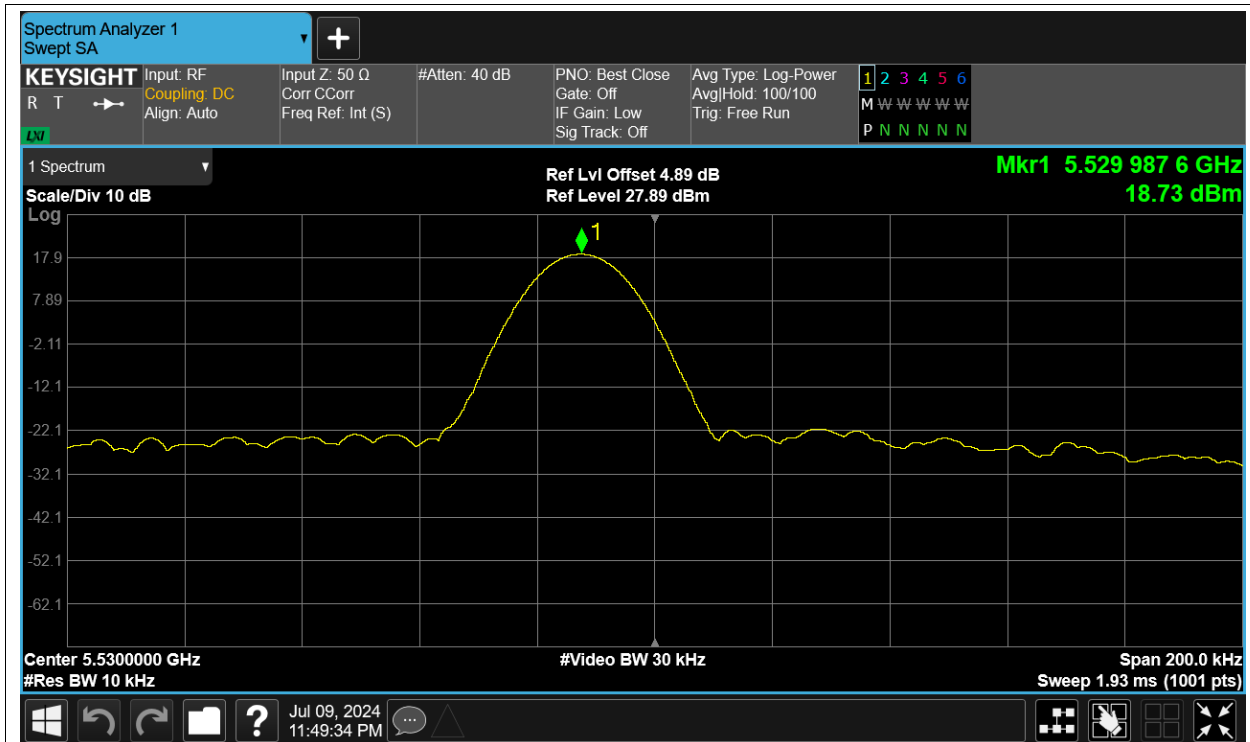
Freq. Stability LVNT ac80 5530MHz Ant13



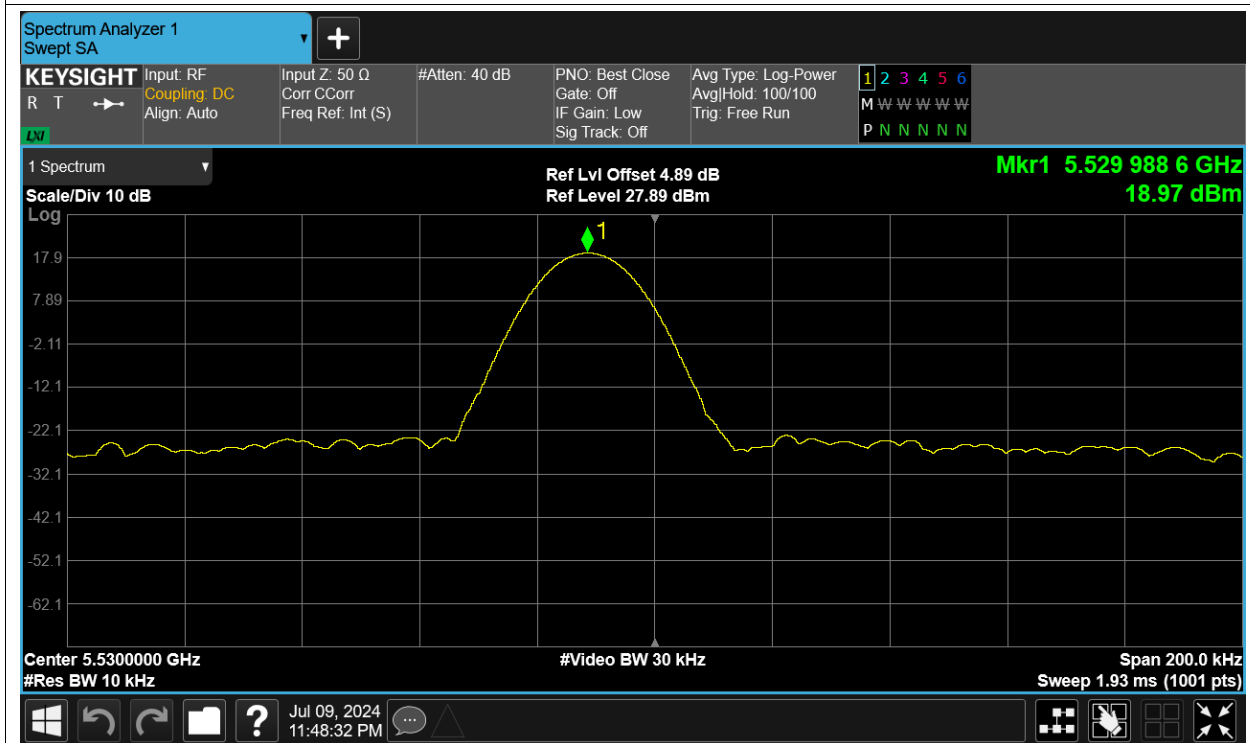
Freq. Stability NVHT ac80 5530MHz Ant13



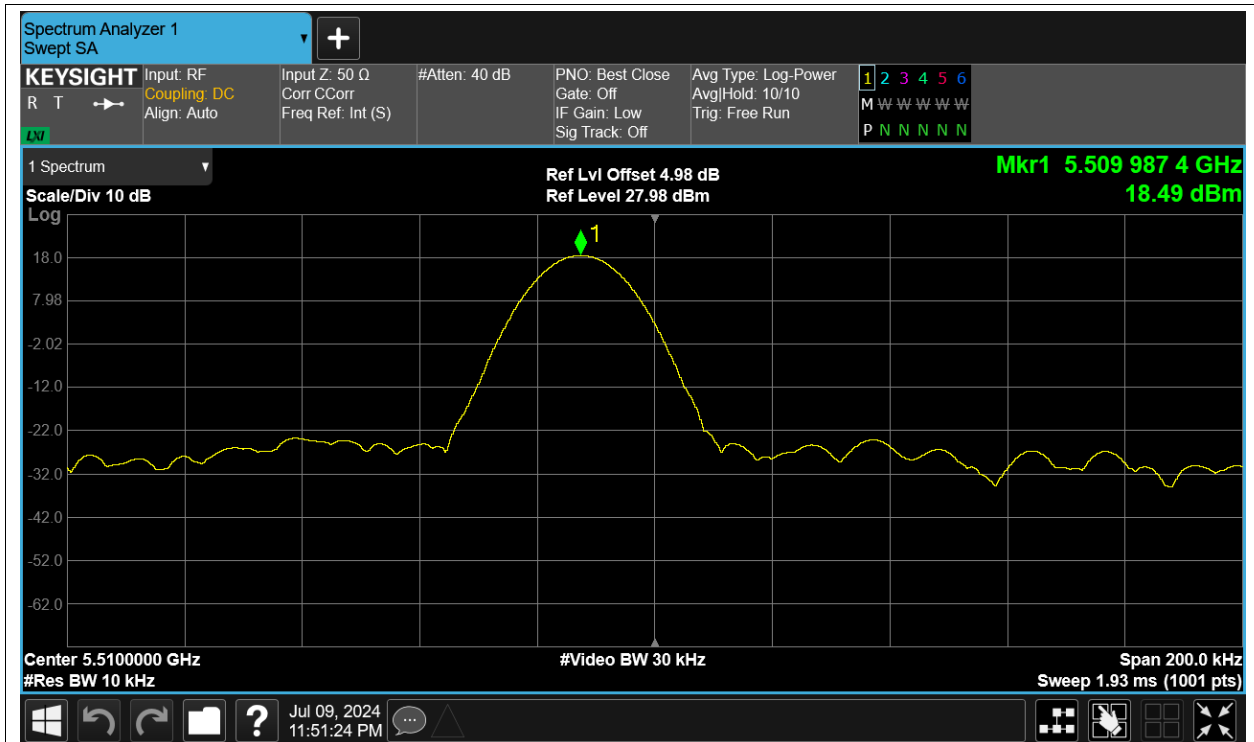
Freq. Stability NVLT ac80 5530MHz Ant13



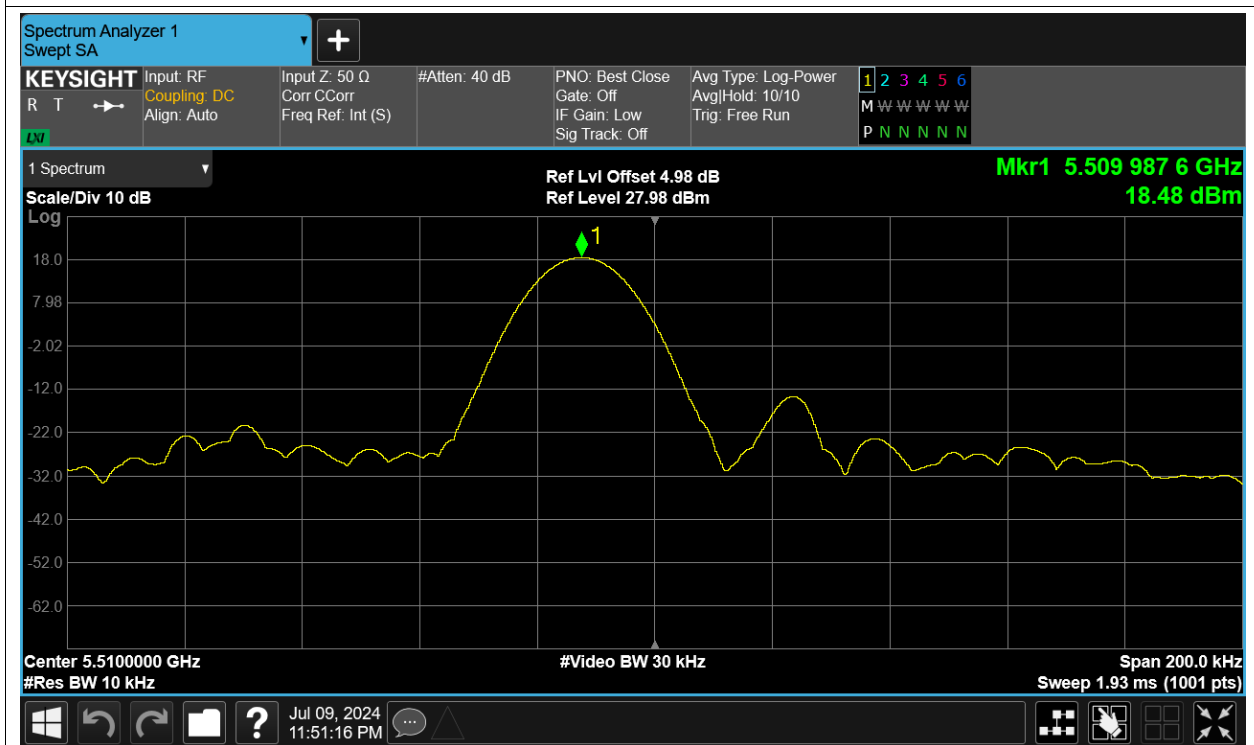
Freq. Stability NVNT ac80 5530MHz Ant13



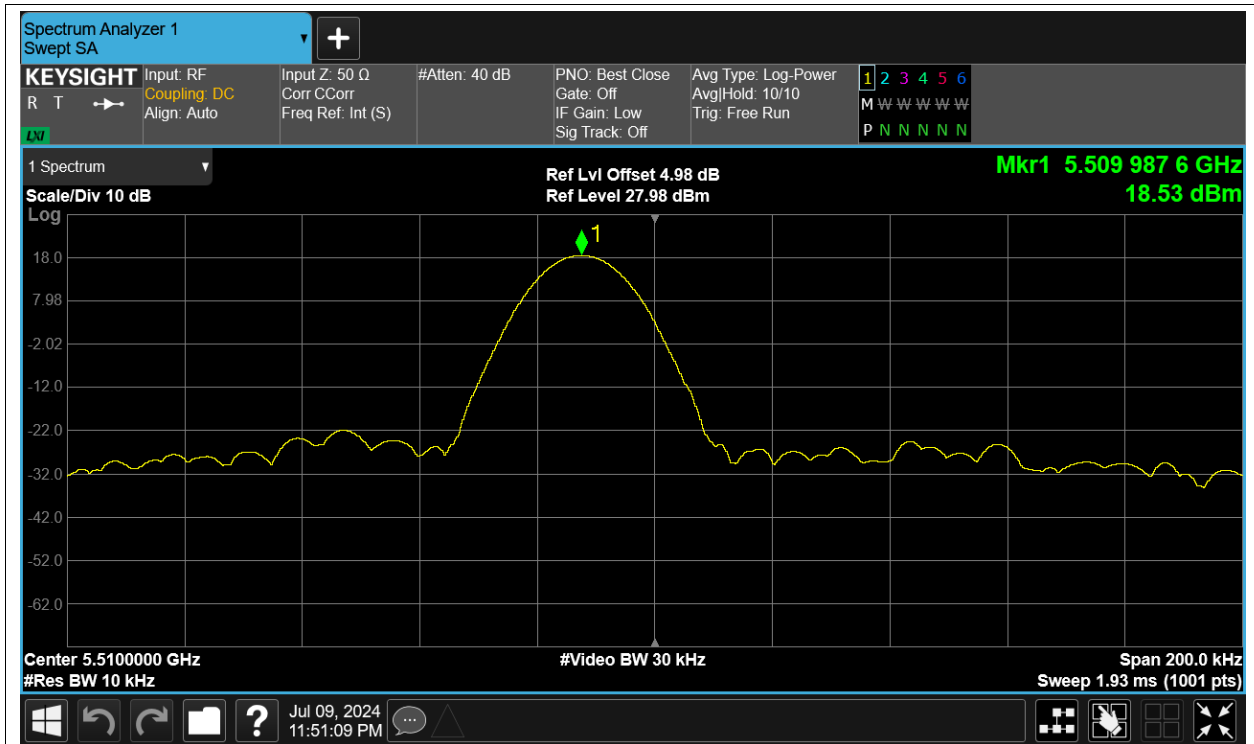
Freq. Stability HVNT n40 5510MHz Ant13



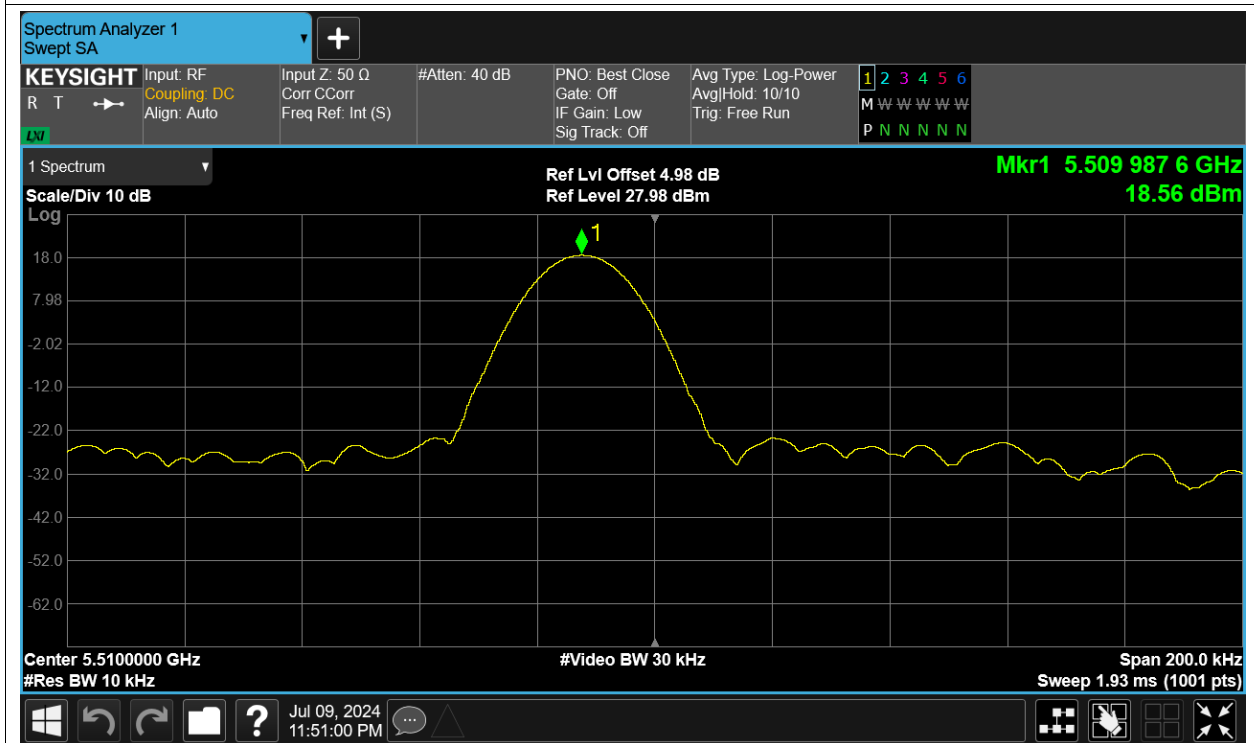
Freq. Stability LVNT n40 5510MHz Ant13



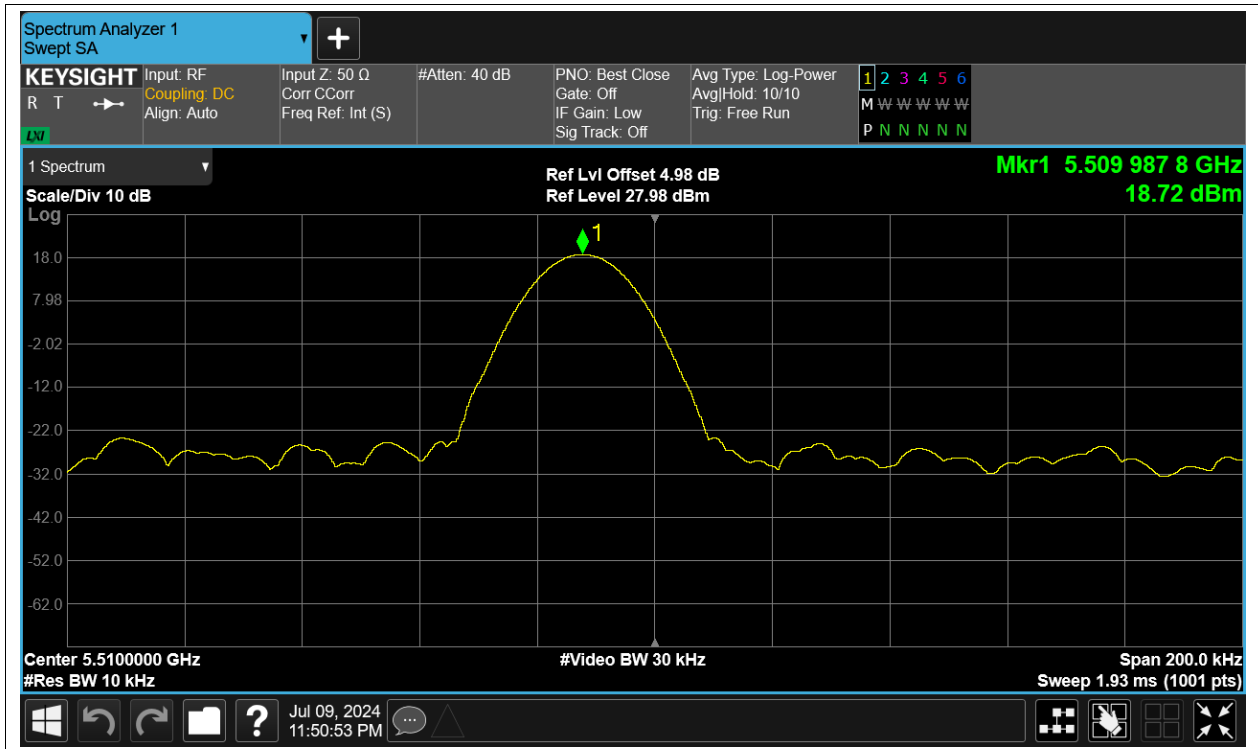
Freq. Stability NVHT n40 5510MHz Ant13



Freq. Stability NVLT n40 5510MHz Ant13



Freq. Stability NVNT n40 5510MHz Ant13

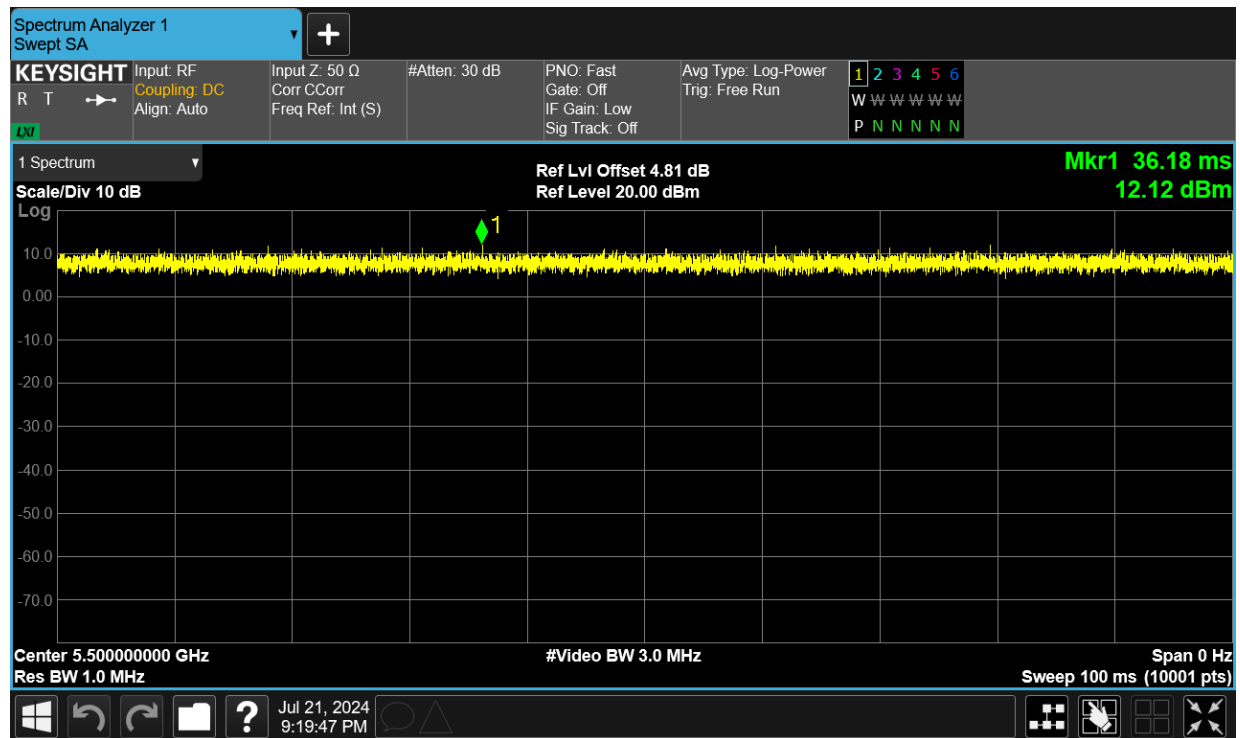


Duty Cycle

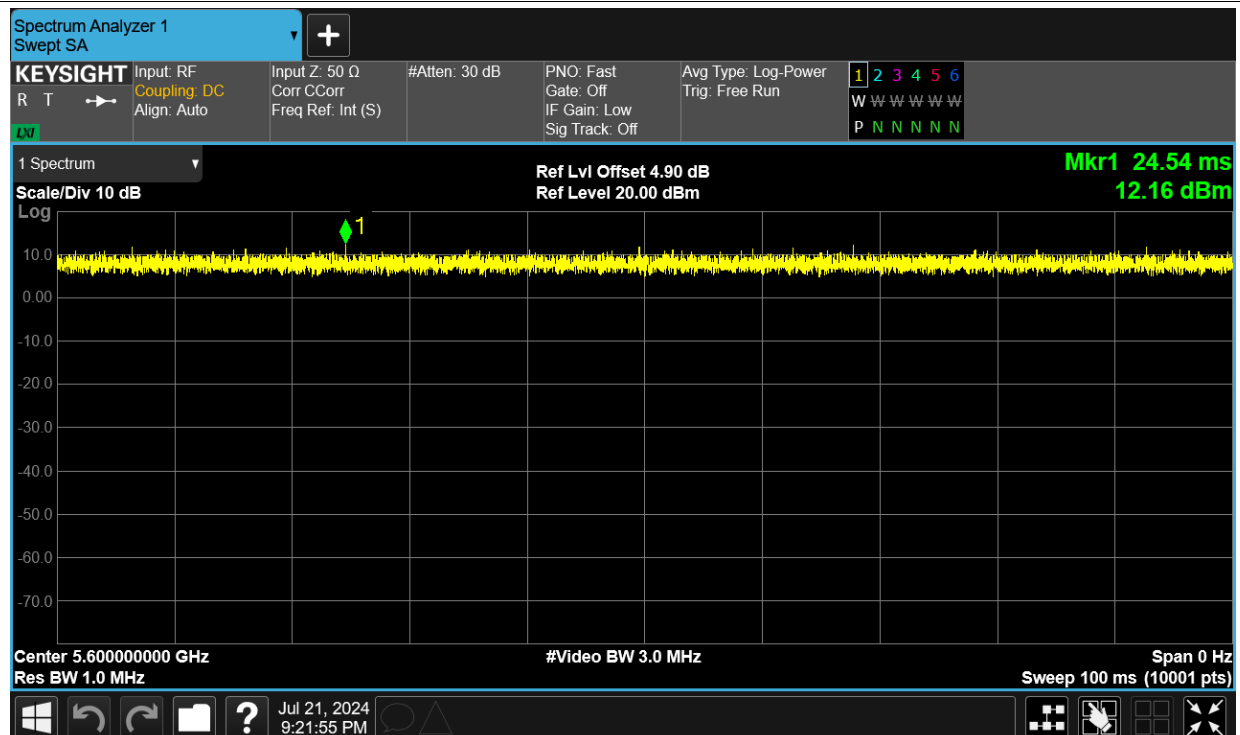
Condition	Mode	Frequency (MHz)	Antenna	Duty Cycle (%)	Correction Factor (dB)
NVNT	a	5500	Ant13	100	0
NVNT	a	5600	Ant13	100	0
NVNT	a	5700	Ant13	100	0
NVNT	ac20	5500	Ant13	100	0
NVNT	ac20	5600	Ant13	100	0
NVNT	ac20	5700	Ant13	100	0
NVNT	ac40	5510	Ant13	100	0
NVNT	ac40	5590	Ant13	100	0
NVNT	ac40	5670	Ant13	100	0
NVNT	ac80	5530	Ant13	100	0
NVNT	ac80	5610	Ant13	100	0
NVNT	n20	5500	Ant13	100	0
NVNT	n20	5600	Ant13	100	0
NVNT	n20	5700	Ant13	100	0
NVNT	n40	5510	Ant13	100	0
NVNT	n40	5590	Ant13	100	0
NVNT	n40	5670	Ant13	100	0

Test Graphs

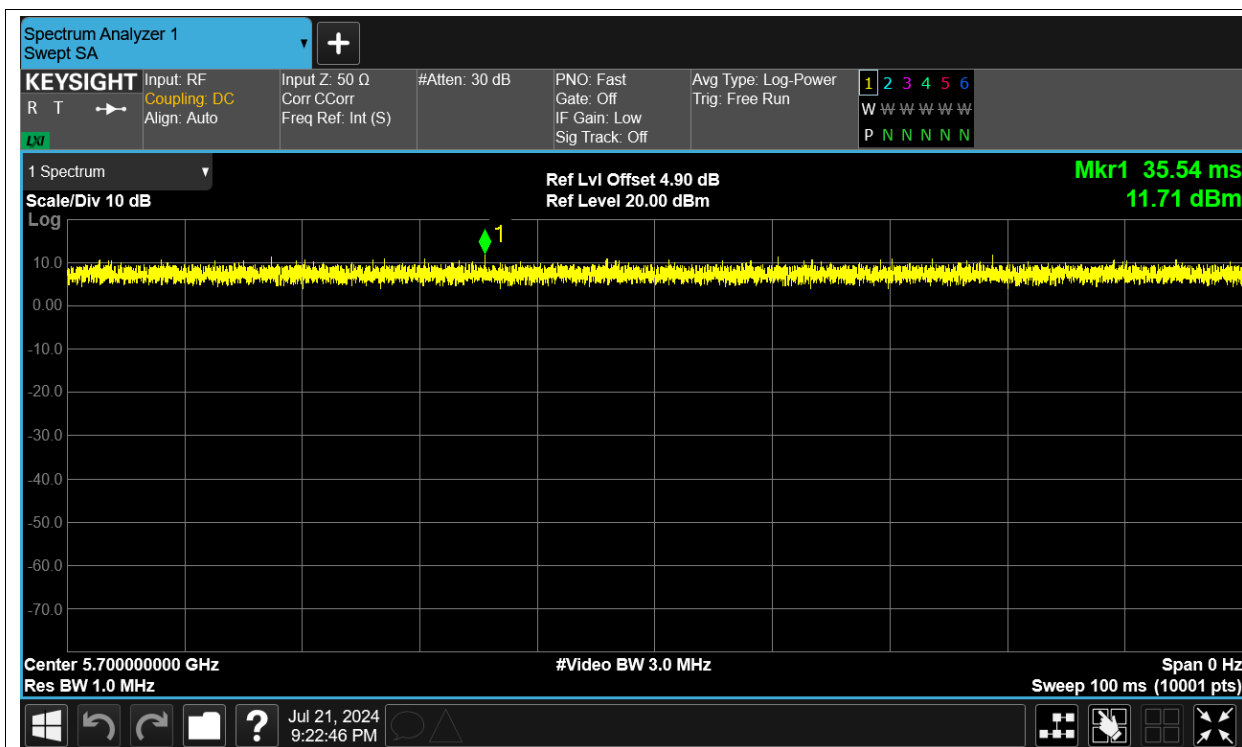
Duty Cycle NVNT a 5500MHz Ant13



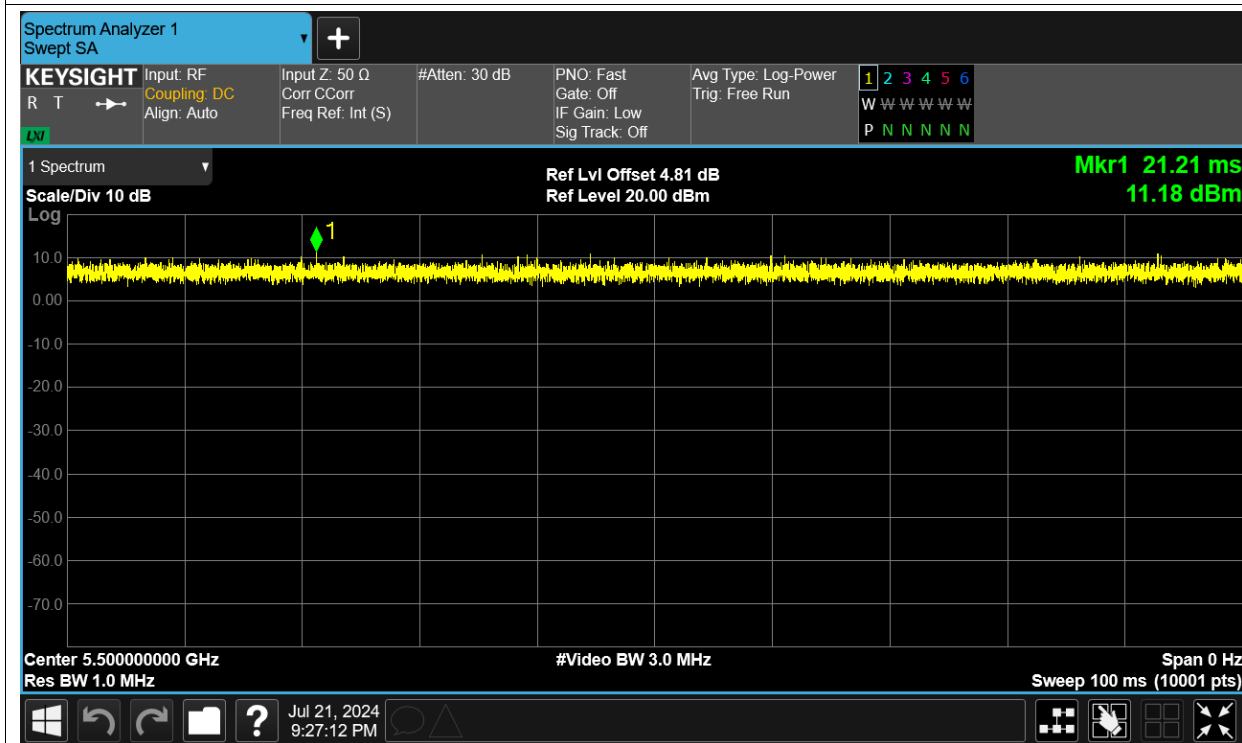
Duty Cycle NVNT a 5600MHz Ant13



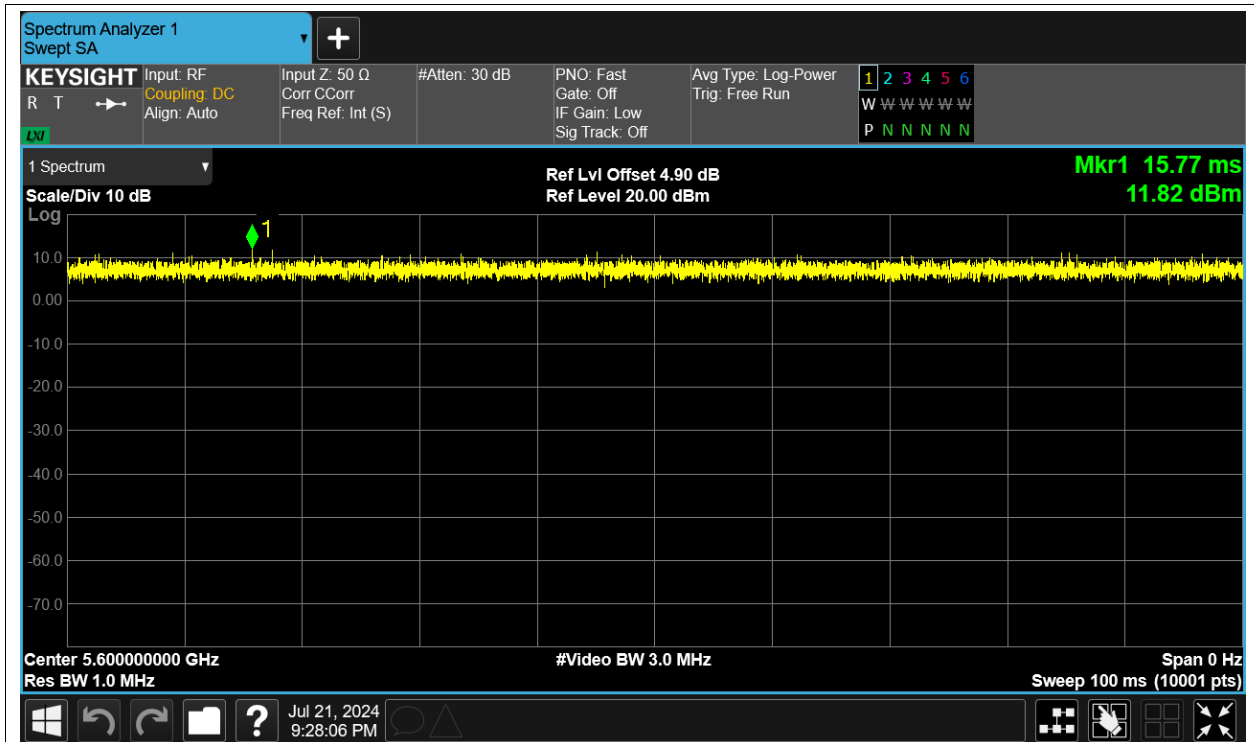
Duty Cycle NVNT a 5700MHz Ant13



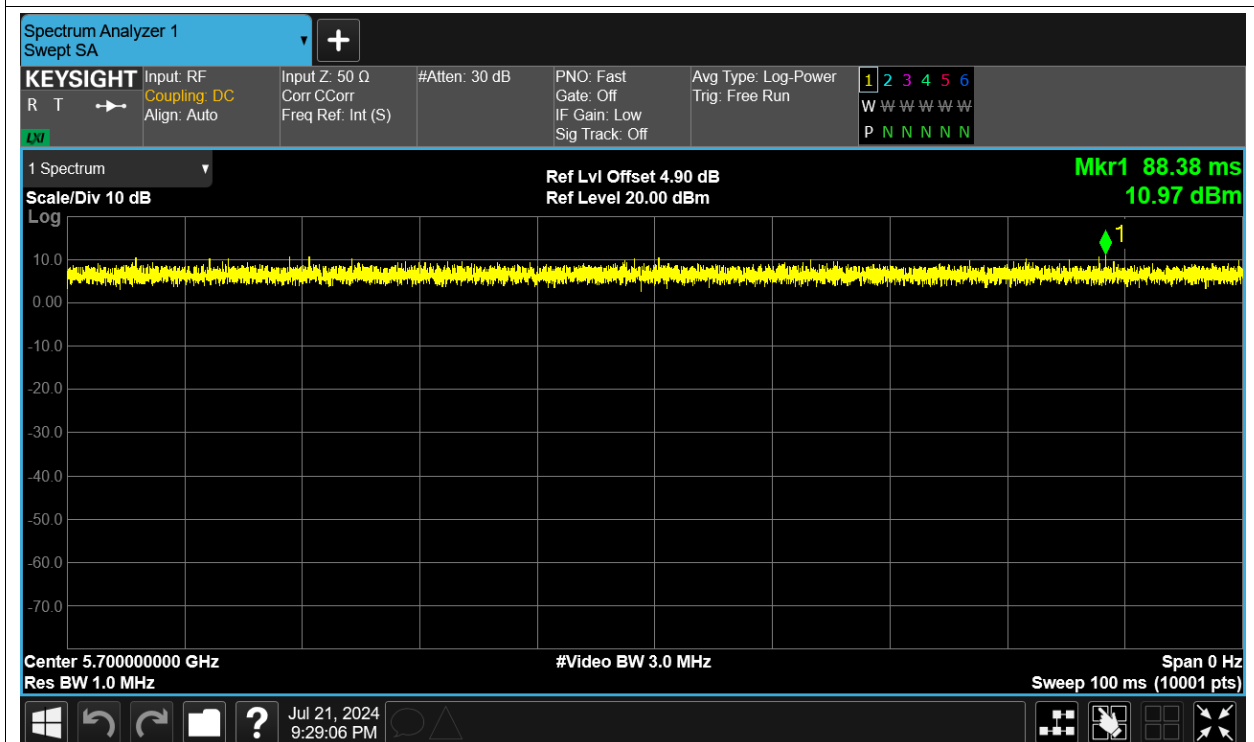
Duty Cycle NVNT ac20 5500MHz Ant13



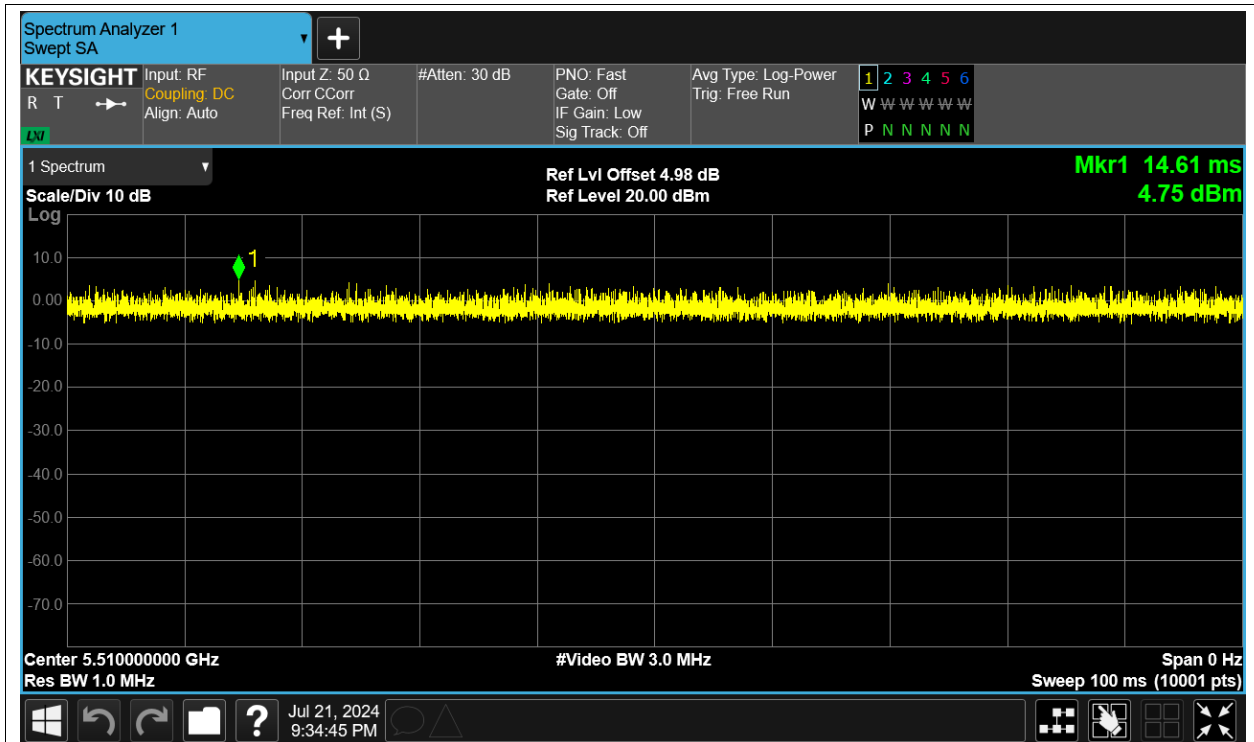
Duty Cycle NVNT ac20 5600MHz Ant13



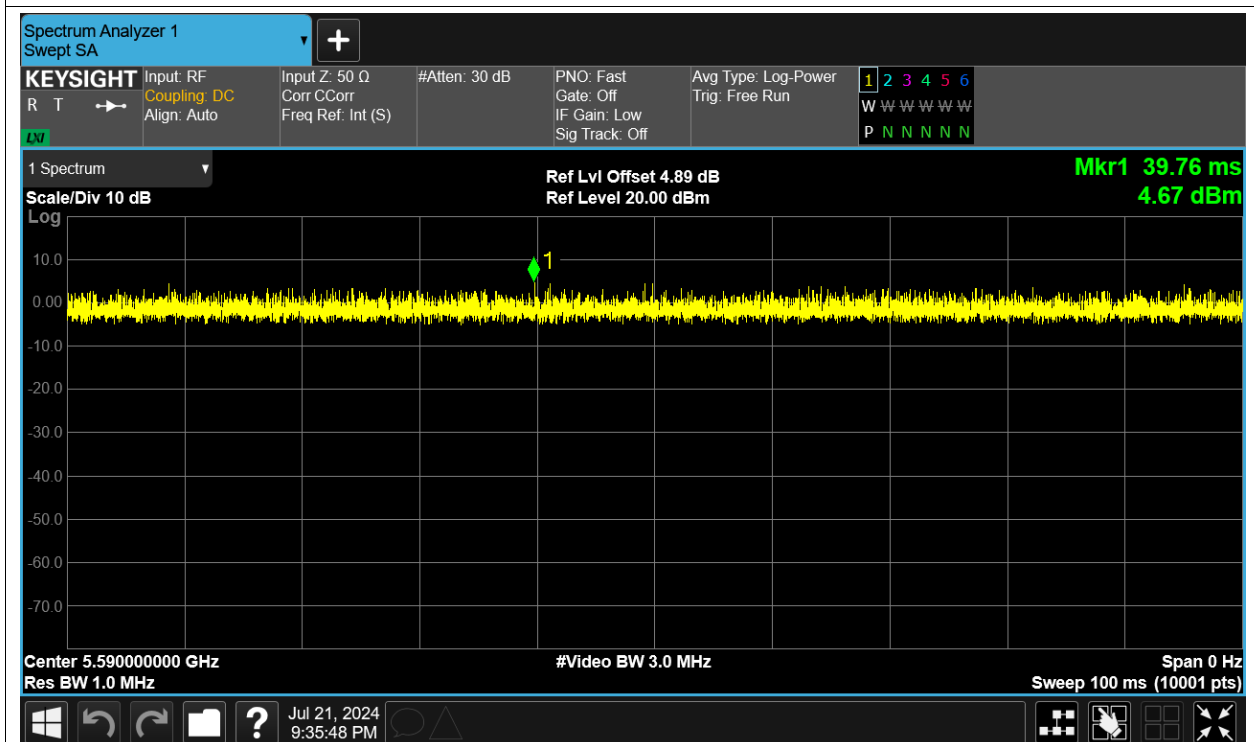
Duty Cycle NVNT ac20 5700MHz Ant13



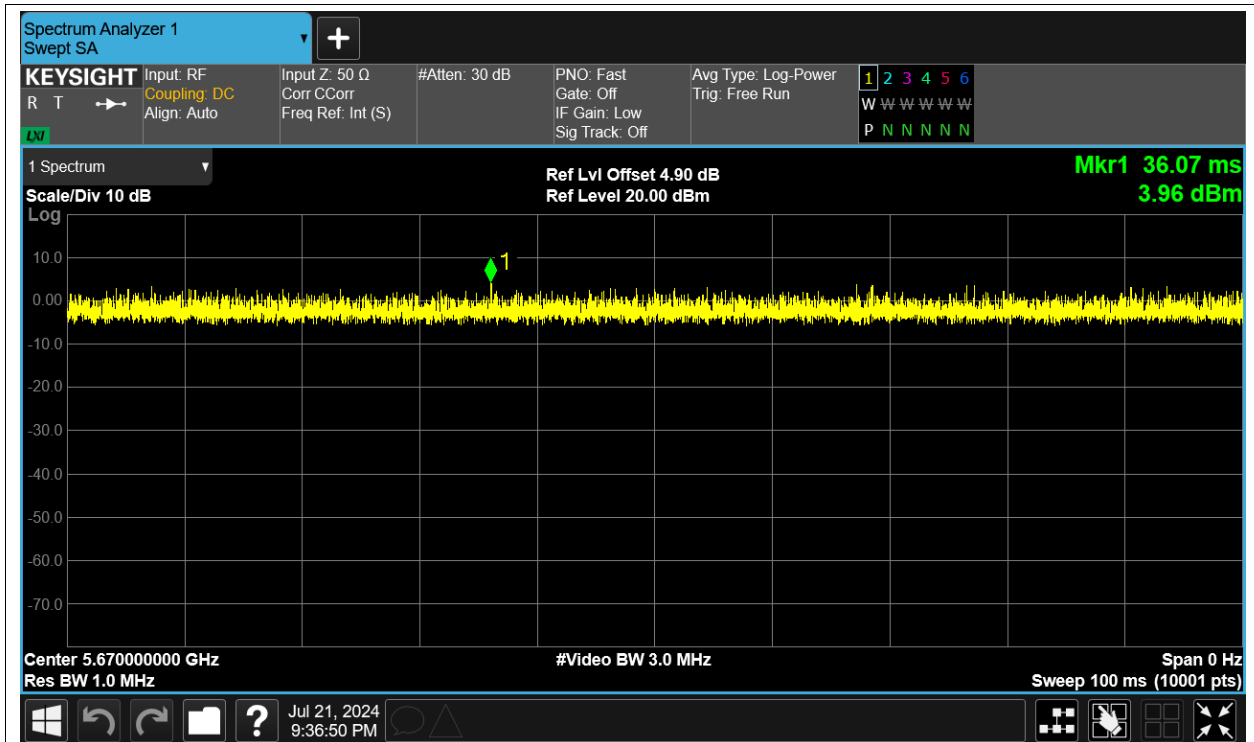
Duty Cycle NVNT ac40 5510MHz Ant13



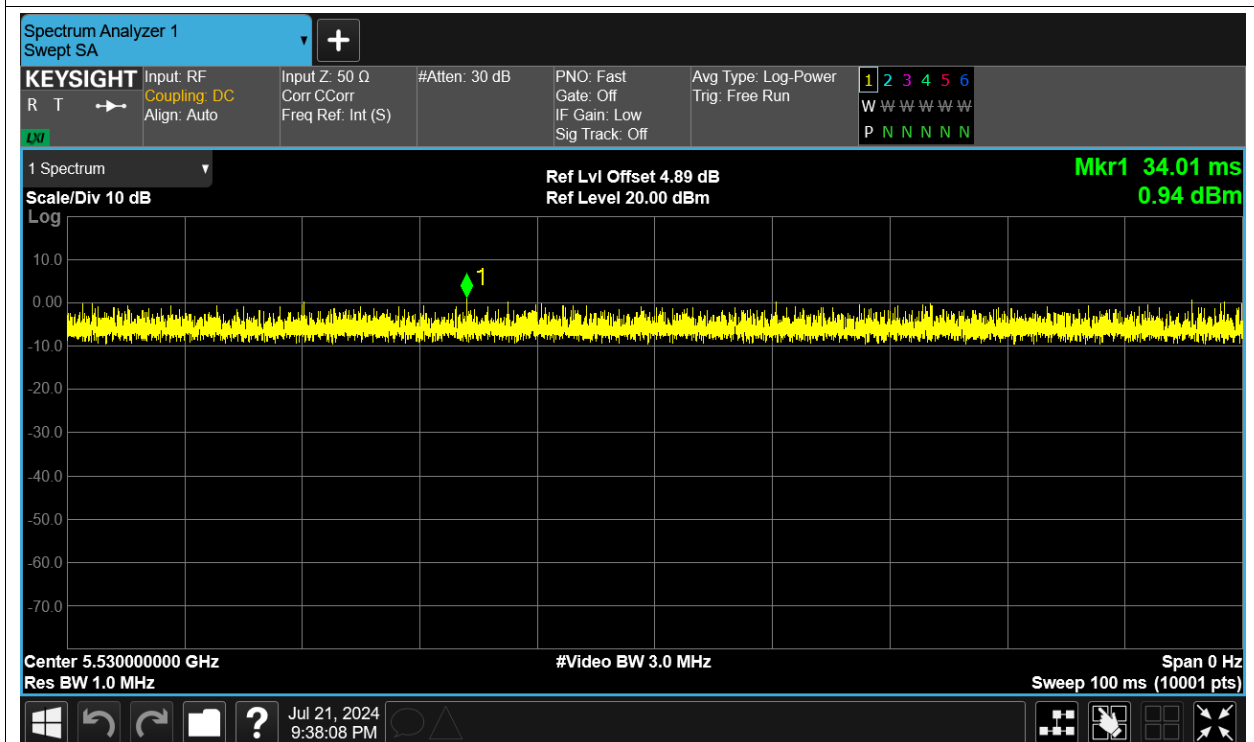
Duty Cycle NVNT ac40 5590MHz Ant13



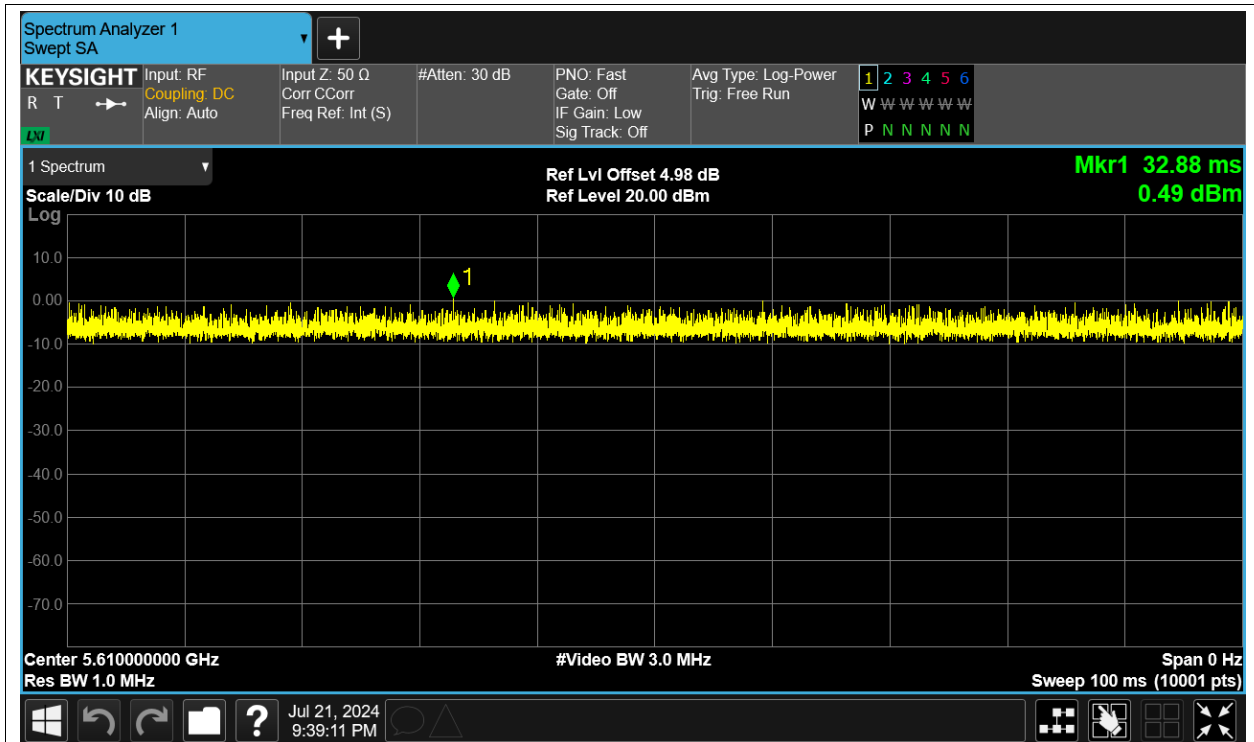
Duty Cycle NVNT ac40 5670MHz Ant13



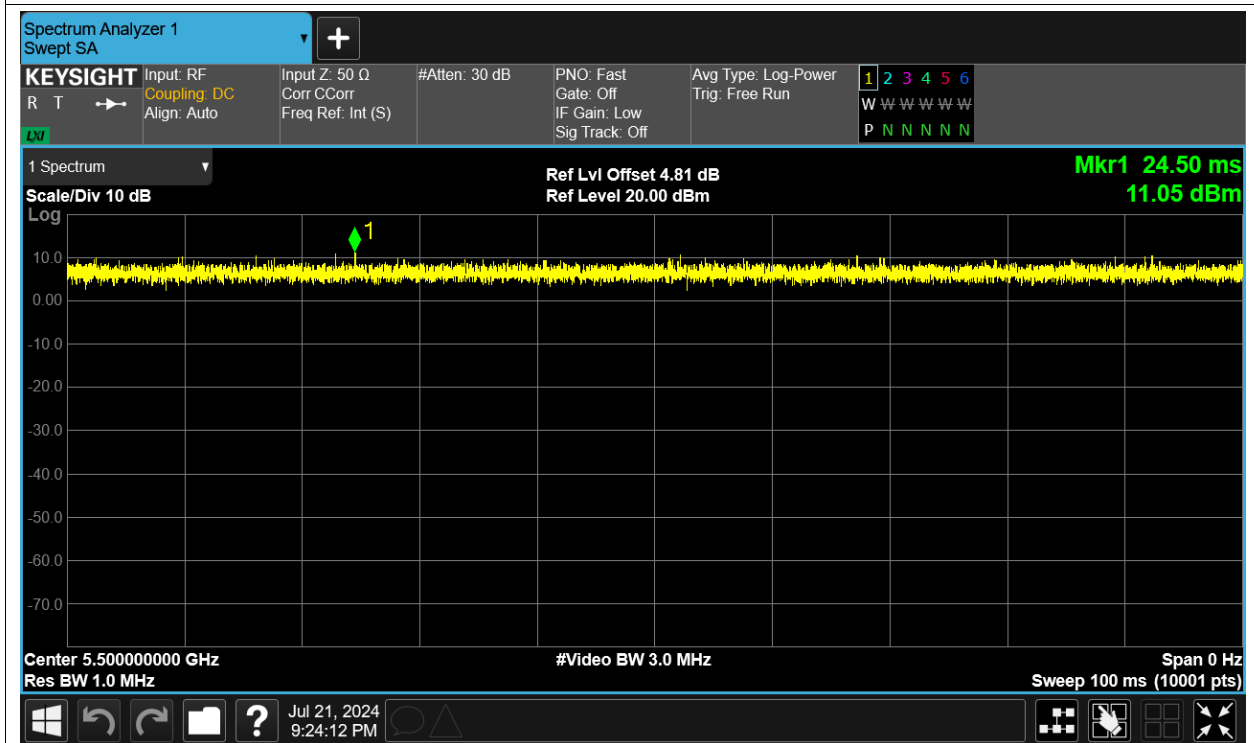
Duty Cycle NVNT ac80 5530MHz Ant13



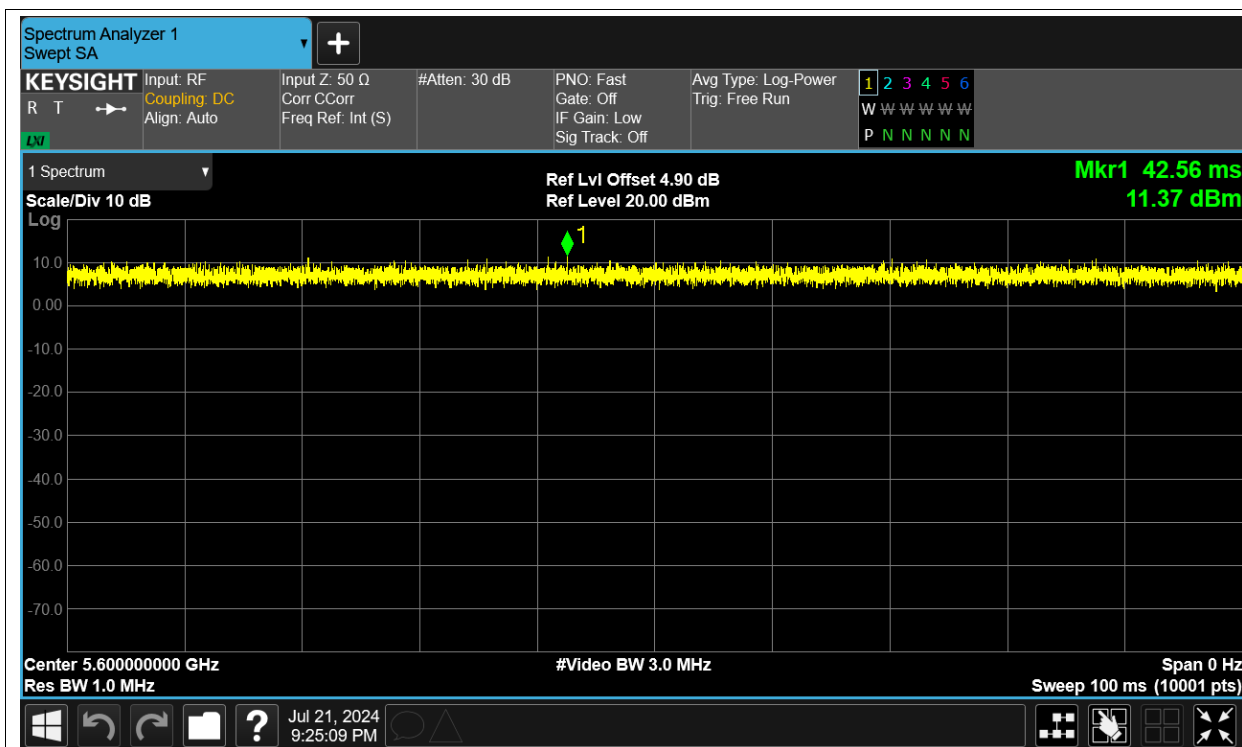
Duty Cycle NVNT ac80 5610MHz Ant13



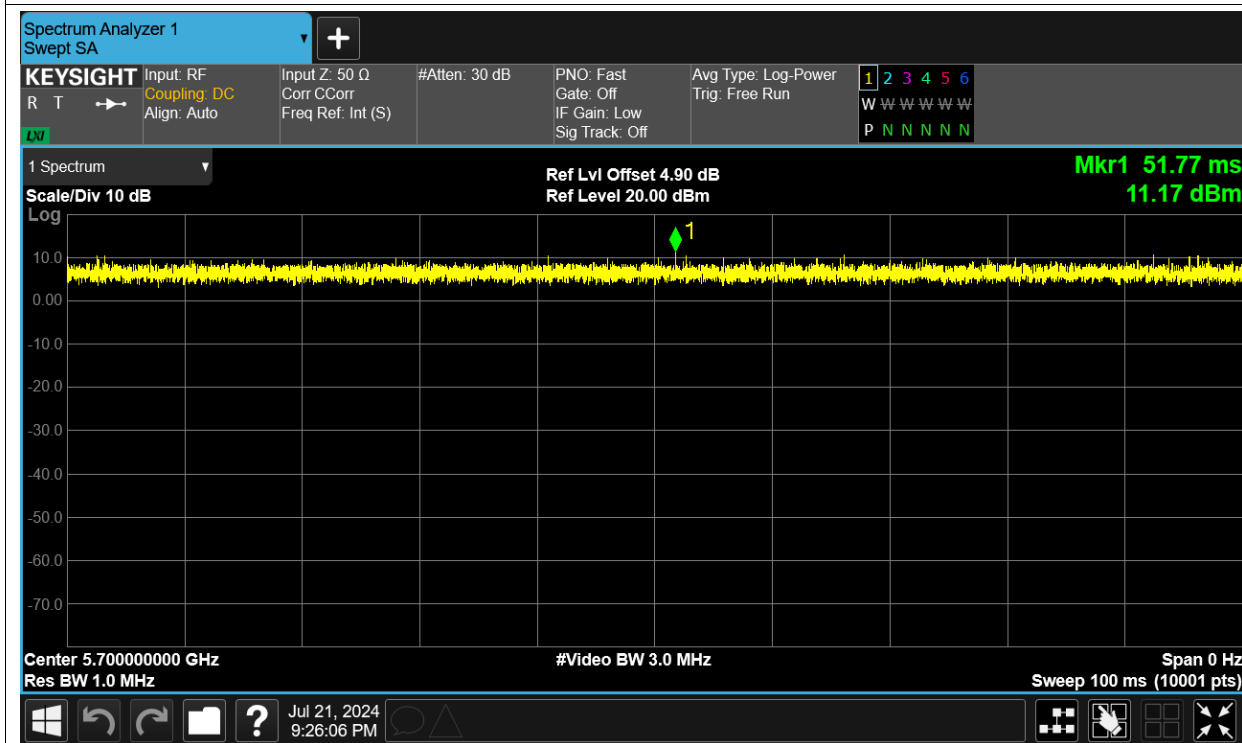
Duty Cycle NVNT n20 5500MHz Ant13



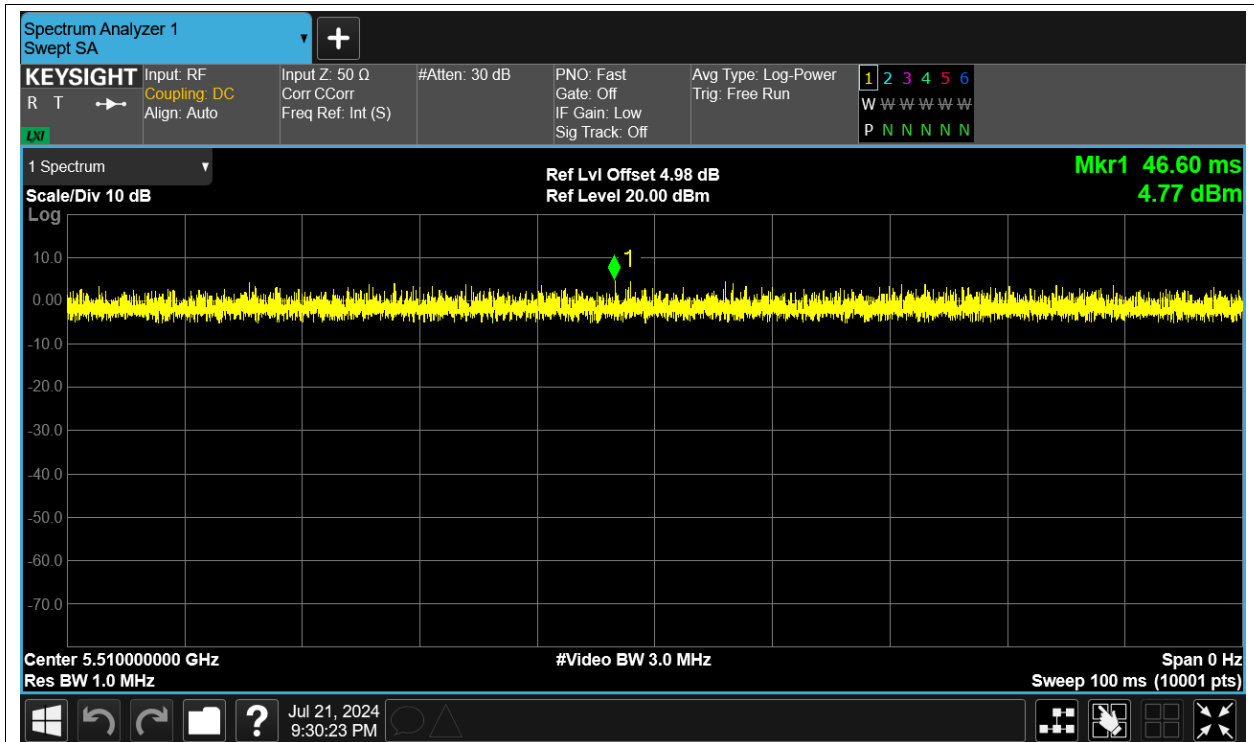
Duty Cycle NVNT n20 5600MHz Ant13



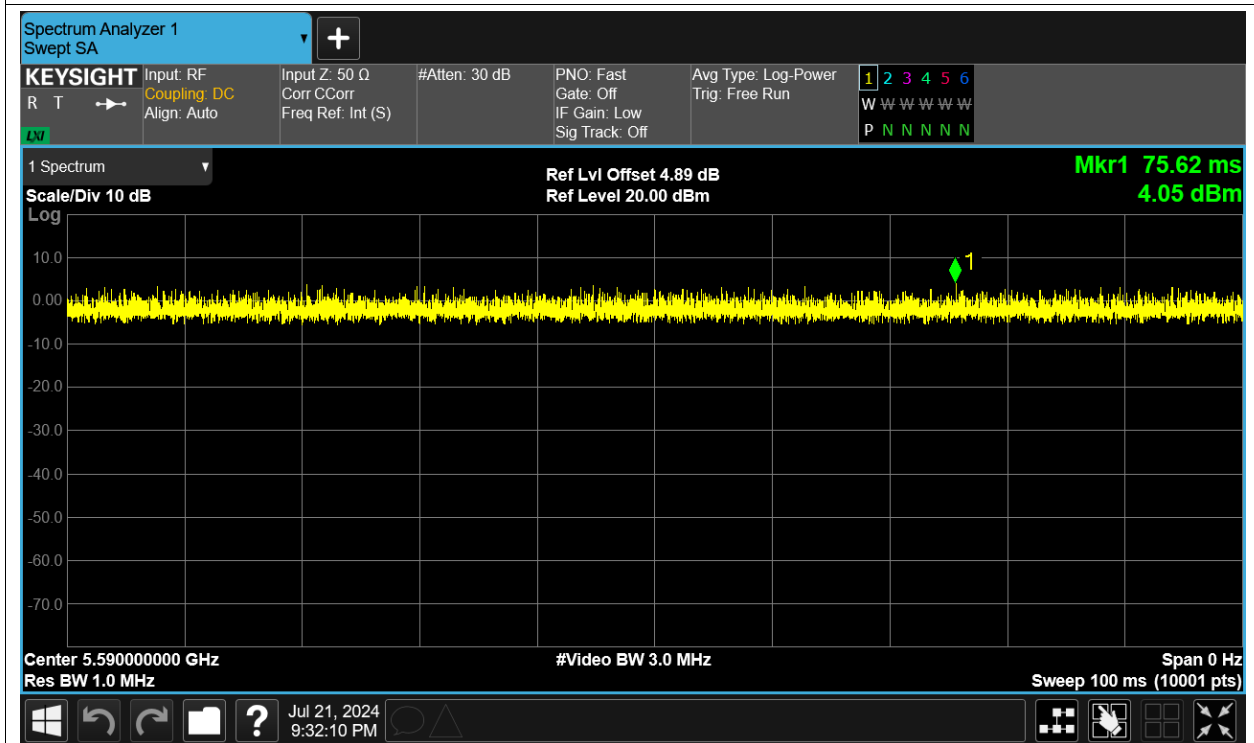
Duty Cycle NVNT n20 5700MHz Ant13



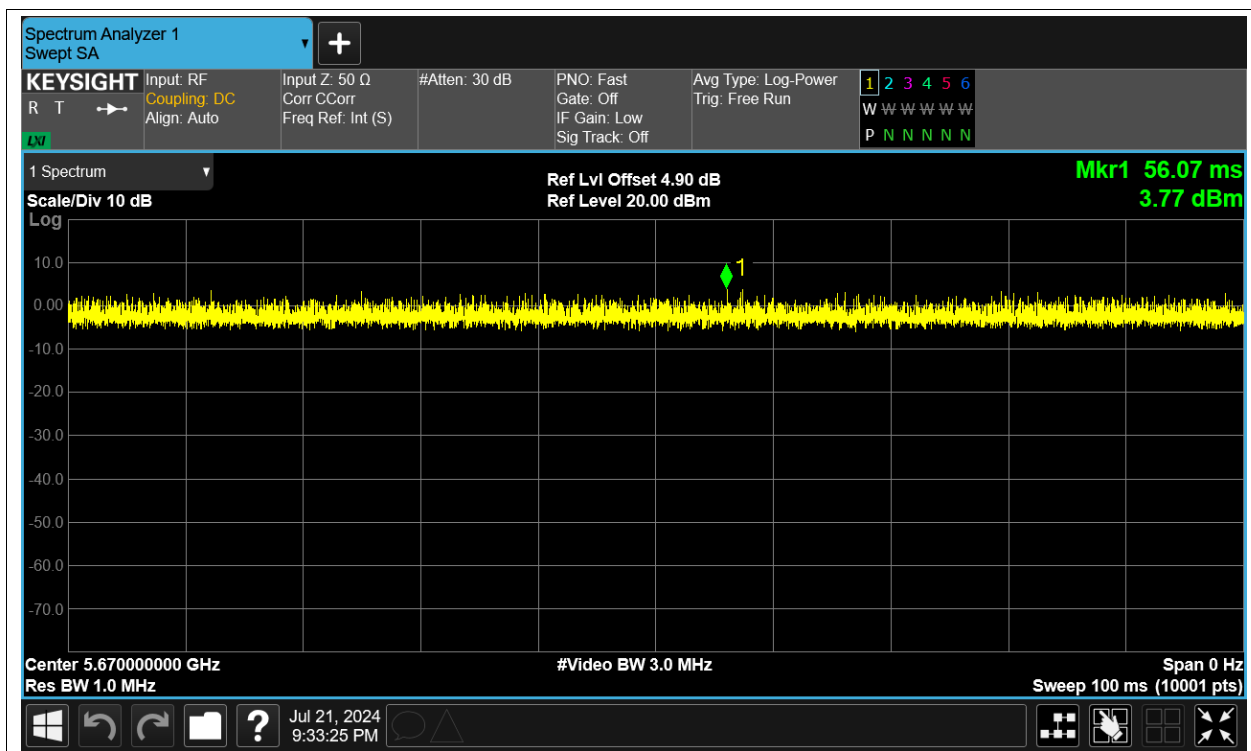
Duty Cycle NVNT n40 5510MHz Ant13



Duty Cycle NVNT n40 5590MHz Ant13



Duty Cycle NVNT n40 5670MHz Ant13



Maximum Conducted Output Power

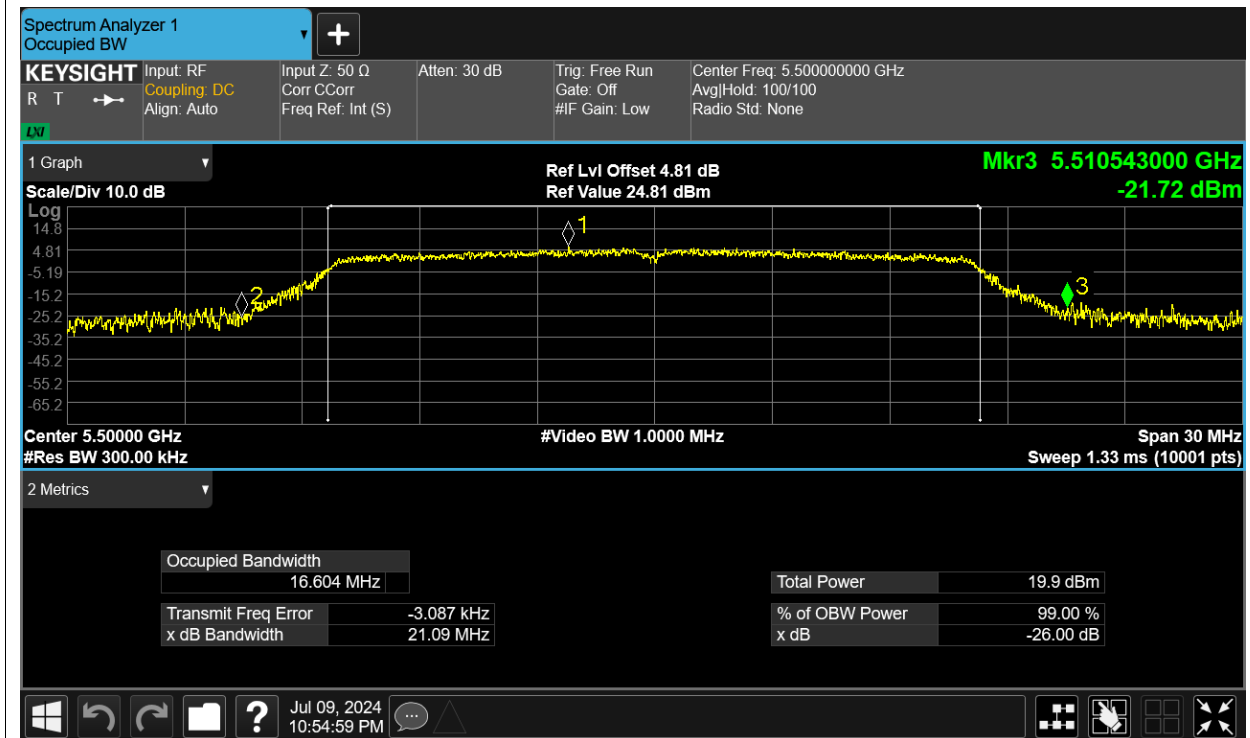
Condition	Mode	Frequency (MHz)	Antenna	Conducted Power (dBm)	Duty Factor (dB)	Total Power (dBm)	Limit (dBm)	Verdict
NVNT	a	5500	Ant13	14.57	0	14.57	24	Pass
NVNT	a	5600	Ant13	14.57	0	14.57	24	Pass
NVNT	a	5700	Ant13	14.3	0	14.3	24	Pass
NVNT	ac20	5500	Ant13	13.57	0	13.57	24	Pass
NVNT	ac20	5600	Ant13	13.87	0	13.87	24	Pass
NVNT	ac20	5700	Ant13	13.46	0	13.46	24	Pass
NVNT	ac40	5510	Ant13	11.42	0	11.42	24	Pass
NVNT	ac40	5590	Ant13	11.63	0	11.63	24	Pass
NVNT	ac40	5670	Ant13	10.96	0	10.96	24	Pass
NVNT	ac80	5530	Ant13	10.6	0	10.6	24	Pass
NVNT	ac80	5610	Ant13	10.1	0	10.1	24	Pass
NVNT	n20	5500	Ant13	13.39	0	13.39	24	Pass
NVNT	n20	5600	Ant13	13.87	0	13.87	24	Pass
NVNT	n20	5700	Ant13	13.52	0	13.52	24	Pass
NVNT	n40	5510	Ant13	11.49	0	11.49	24	Pass
NVNT	n40	5590	Ant13	11.29	0	11.29	24	Pass
NVNT	n40	5670	Ant13	10.91	0	10.91	24	Pass

-26dB Bandwidth

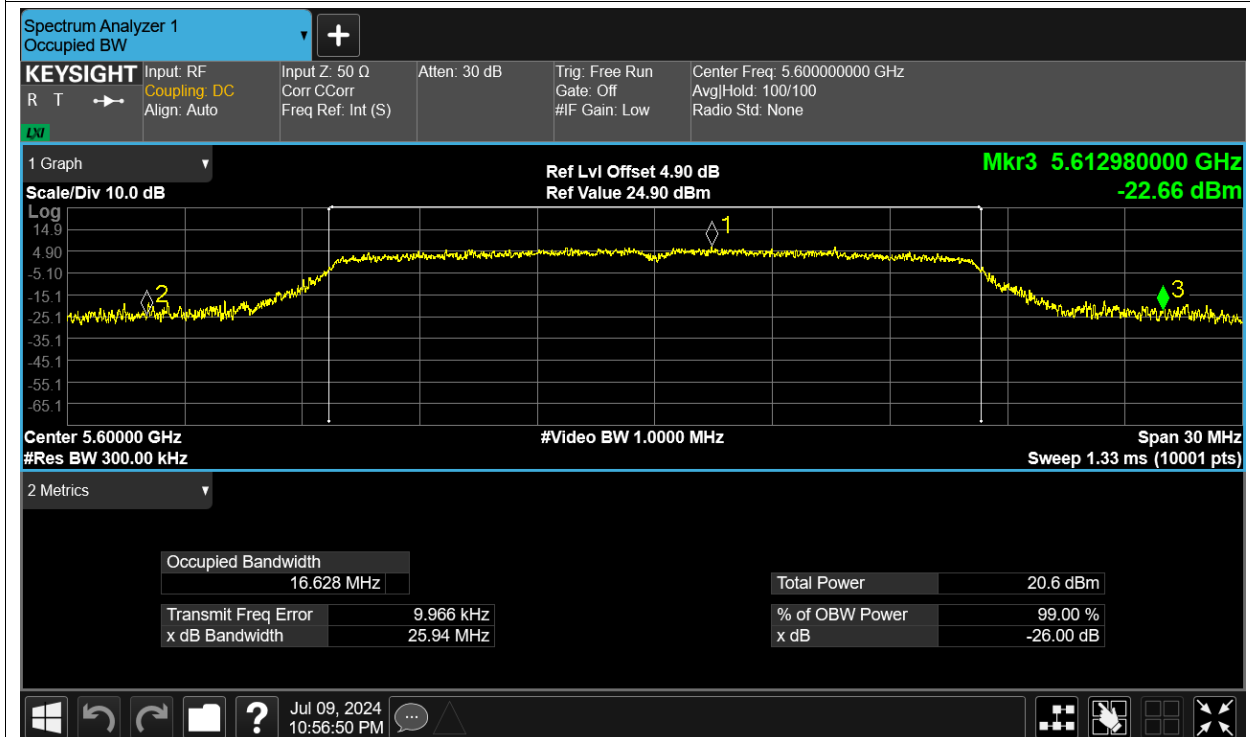
Condition	Mode	Frequency (MHz)	Antenna	-26 dB Bandwidth (MHz)
NVNT	a	5500	Ant13	21.092
NVNT	a	5600	Ant13	25.94
NVNT	a	5700	Ant13	27.667
NVNT	ac20	5500	Ant13	20.299
NVNT	ac20	5600	Ant13	20.441
NVNT	ac20	5700	Ant13	20.503
NVNT	ac40	5510	Ant13	39.683
NVNT	ac40	5590	Ant13	39.816
NVNT	ac40	5670	Ant13	39.732
NVNT	ac80	5530	Ant13	79.383
NVNT	ac80	5610	Ant13	79.153
NVNT	n20	5500	Ant13	23.875
NVNT	n20	5600	Ant13	27.229
NVNT	n20	5700	Ant13	26.274
NVNT	n40	5510	Ant13	40.124
NVNT	n40	5590	Ant13	40.473
NVNT	n40	5670	Ant13	41.174

Test Graphs

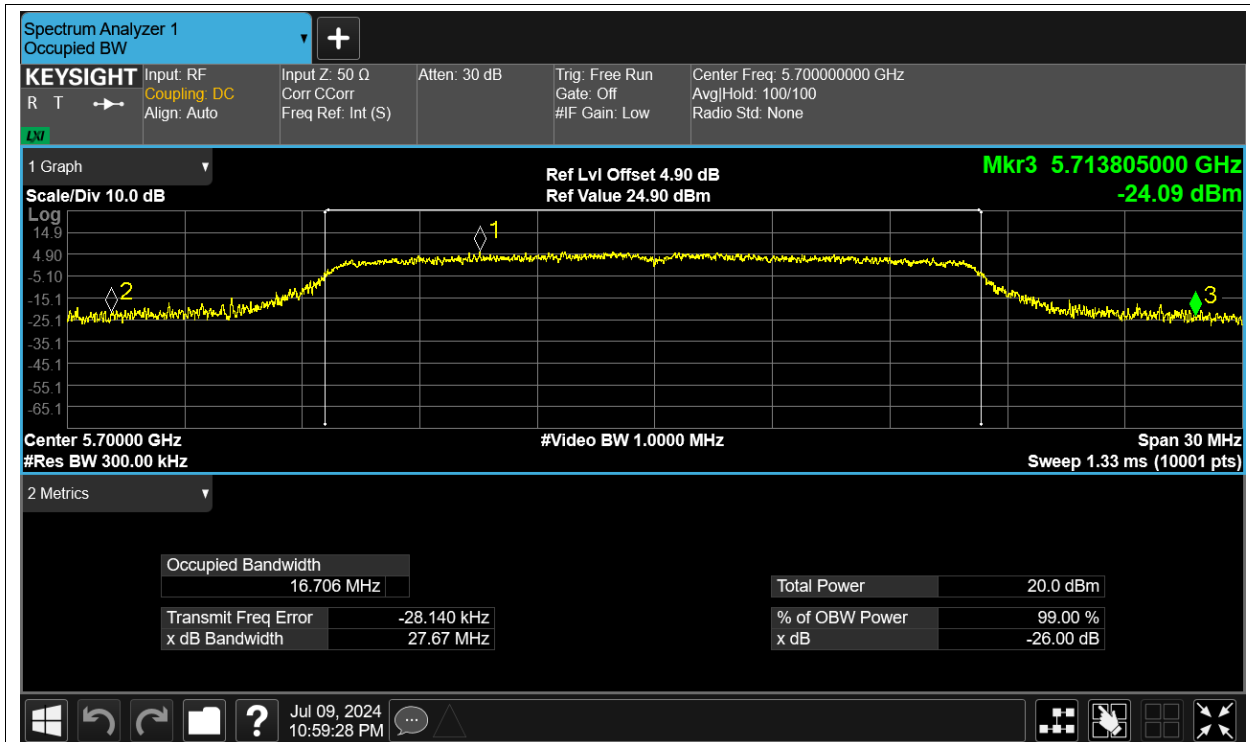
-26dB Bandwidth NVNT a 5500MHz Ant13



-26dB Bandwidth NVNT a 5600MHz Ant13



-26dB Bandwidth NVNT a 5700MHz Ant13



-26dB Bandwidth NVNT ac20 5500MHz Ant13



-26dB Bandwidth NVNT ac20 5600MHz Ant13



-26dB Bandwidth NVNT ac20 5700MHz Ant13



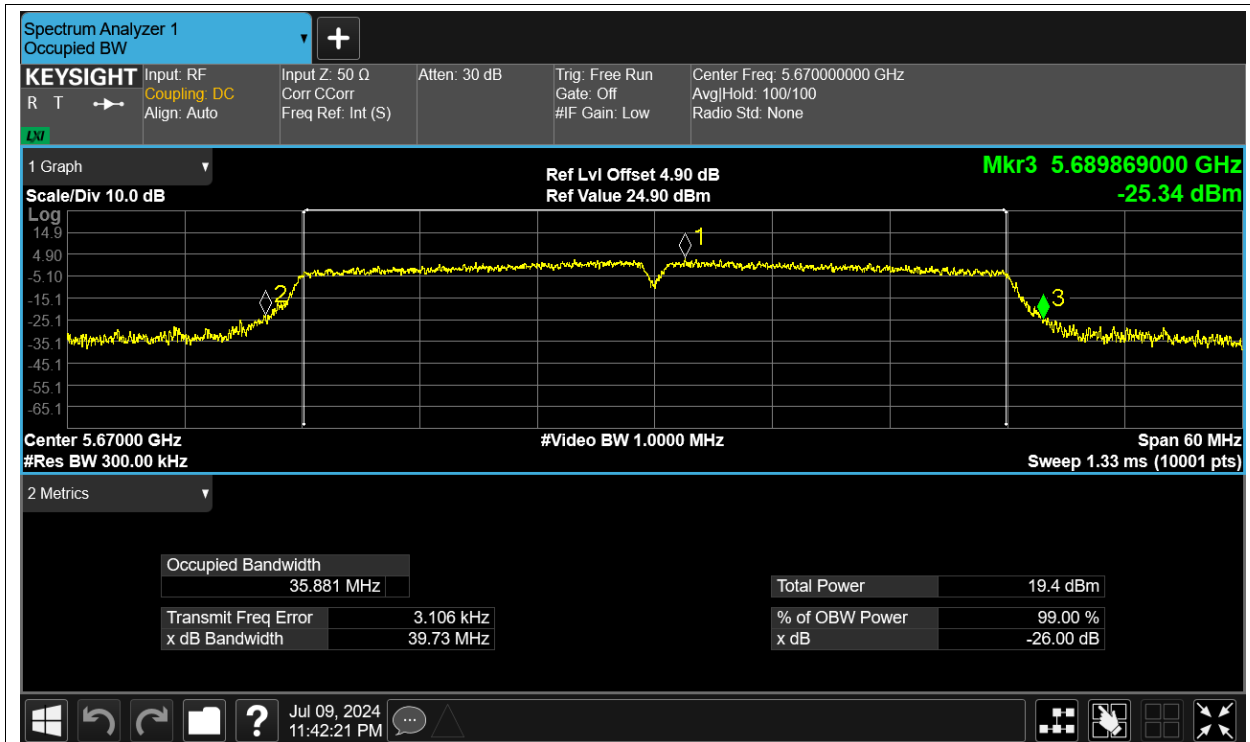
-26dB Bandwidth NVNT ac40 5510MHz Ant13



-26dB Bandwidth NVNT ac40 5590MHz Ant13



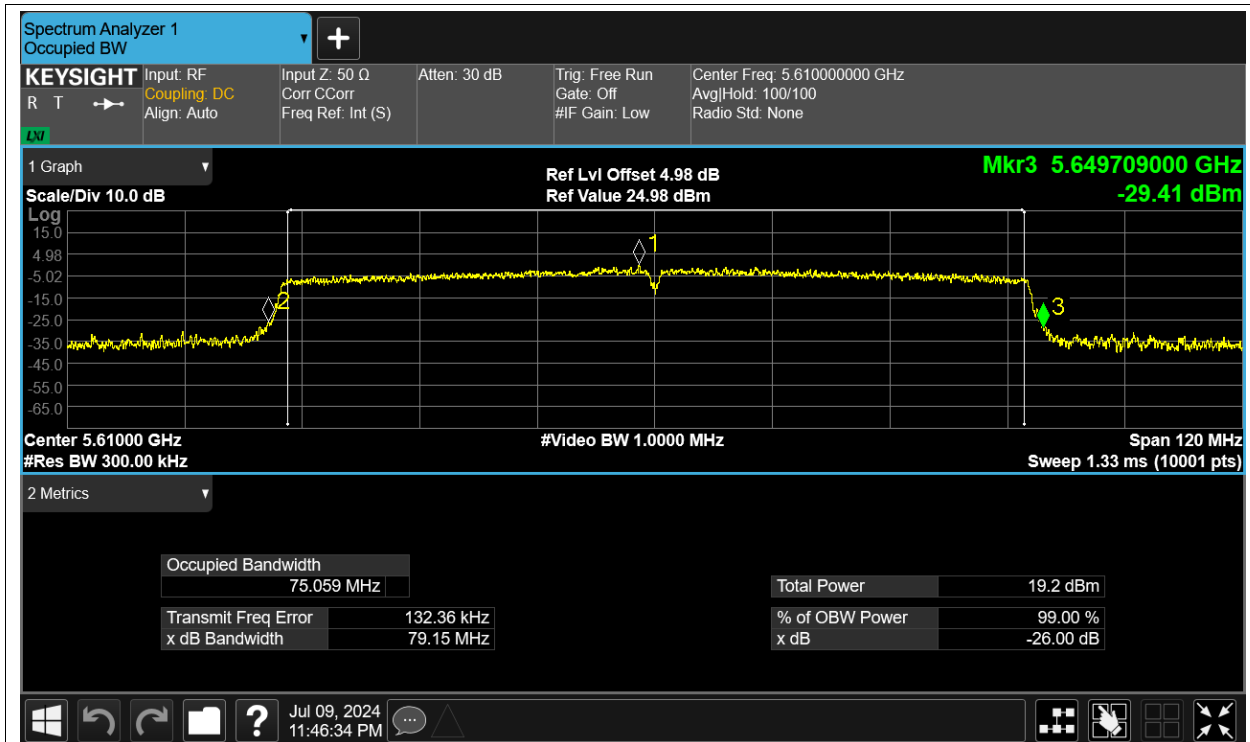
-26dB Bandwidth NVNT ac40 5670MHz Ant13



-26dB Bandwidth NVNT ac80 5530MHz Ant13



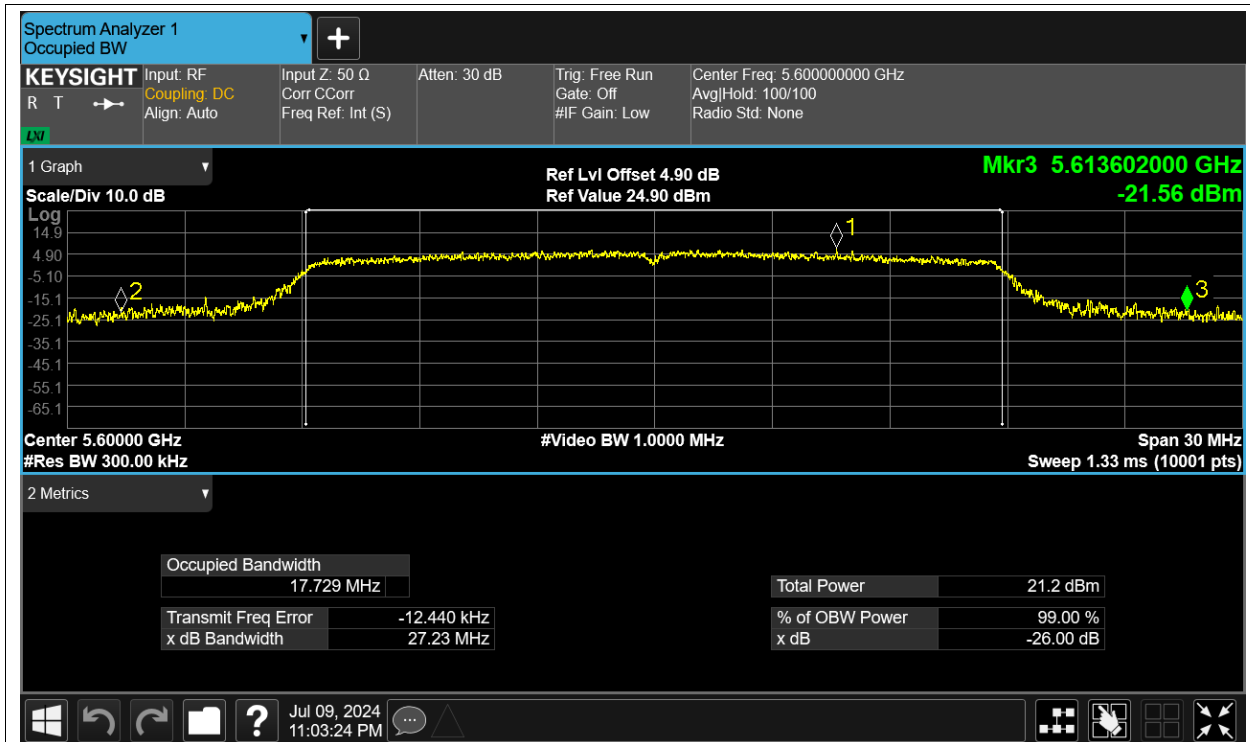
-26dB Bandwidth NVNT ac80 5610MHz Ant13



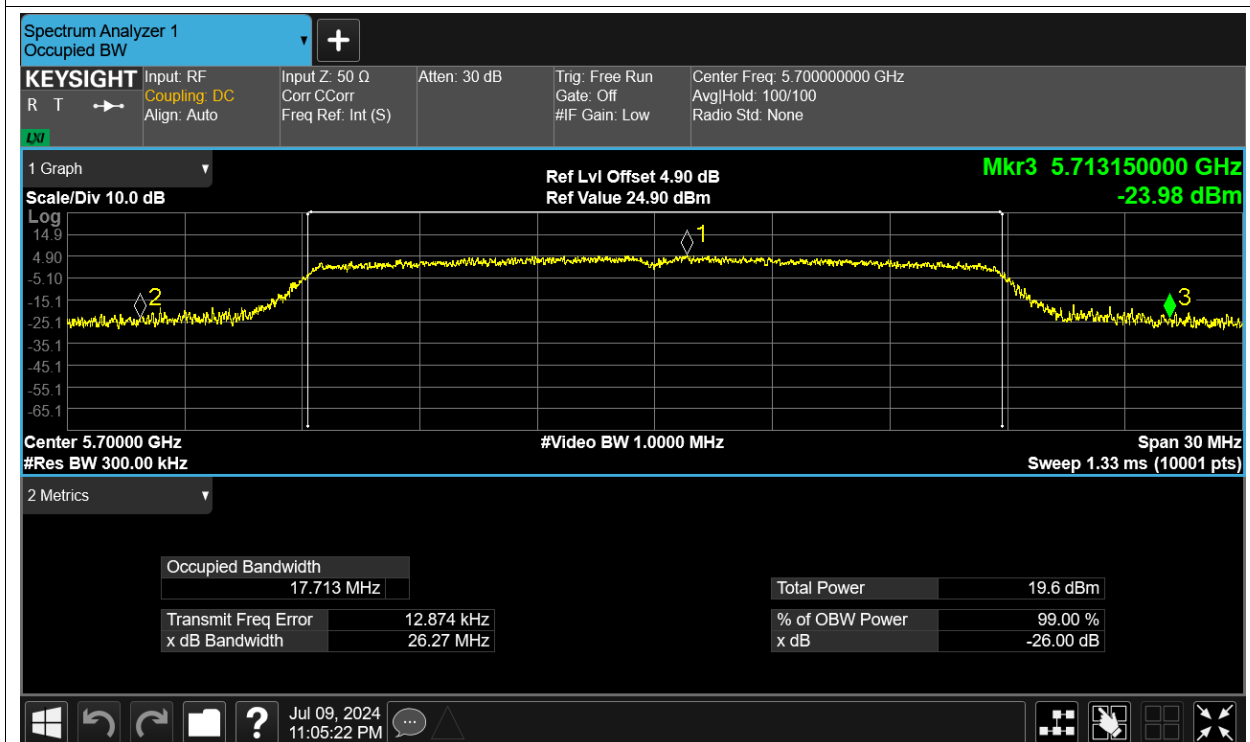
-26dB Bandwidth NVNT n20 5500MHz Ant13



-26dB Bandwidth NVNT n20 5600MHz Ant13



-26dB Bandwidth NVNT n20 5700MHz Ant13



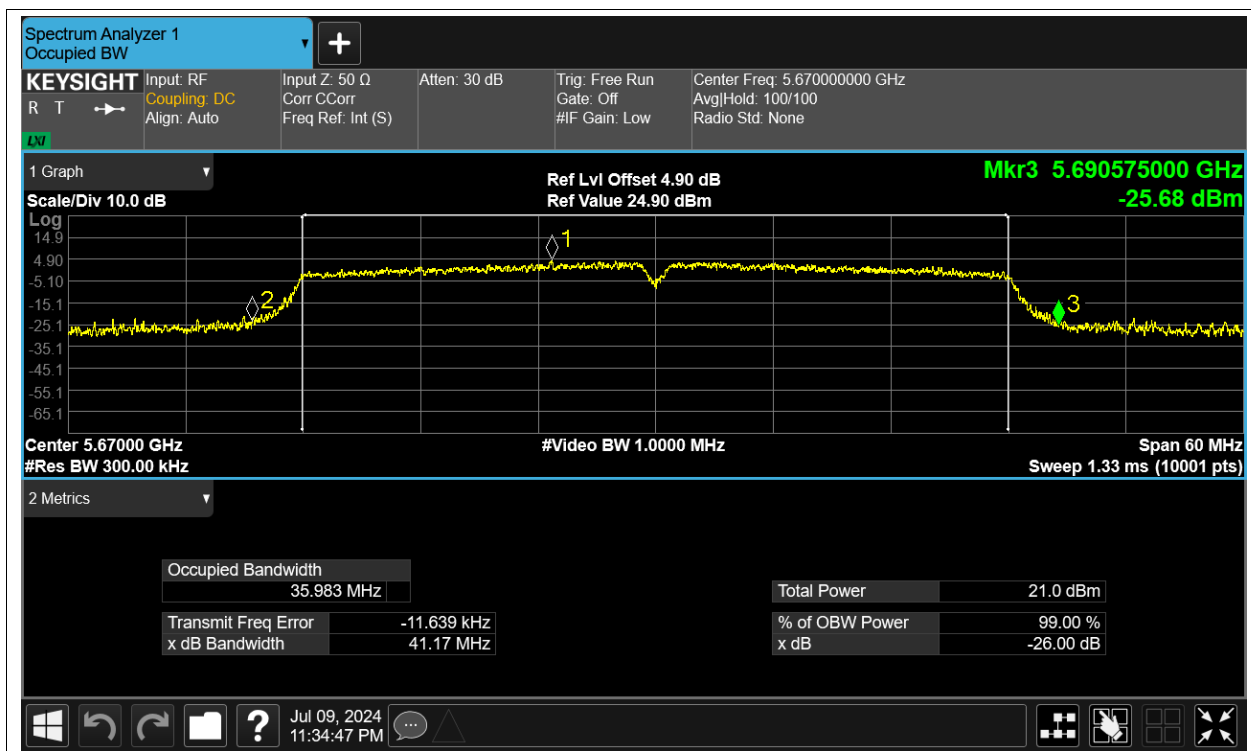
-26dB Bandwidth NVNT n40 5510MHz Ant13



-26dB Bandwidth NVNT n40 5590MHz Ant13



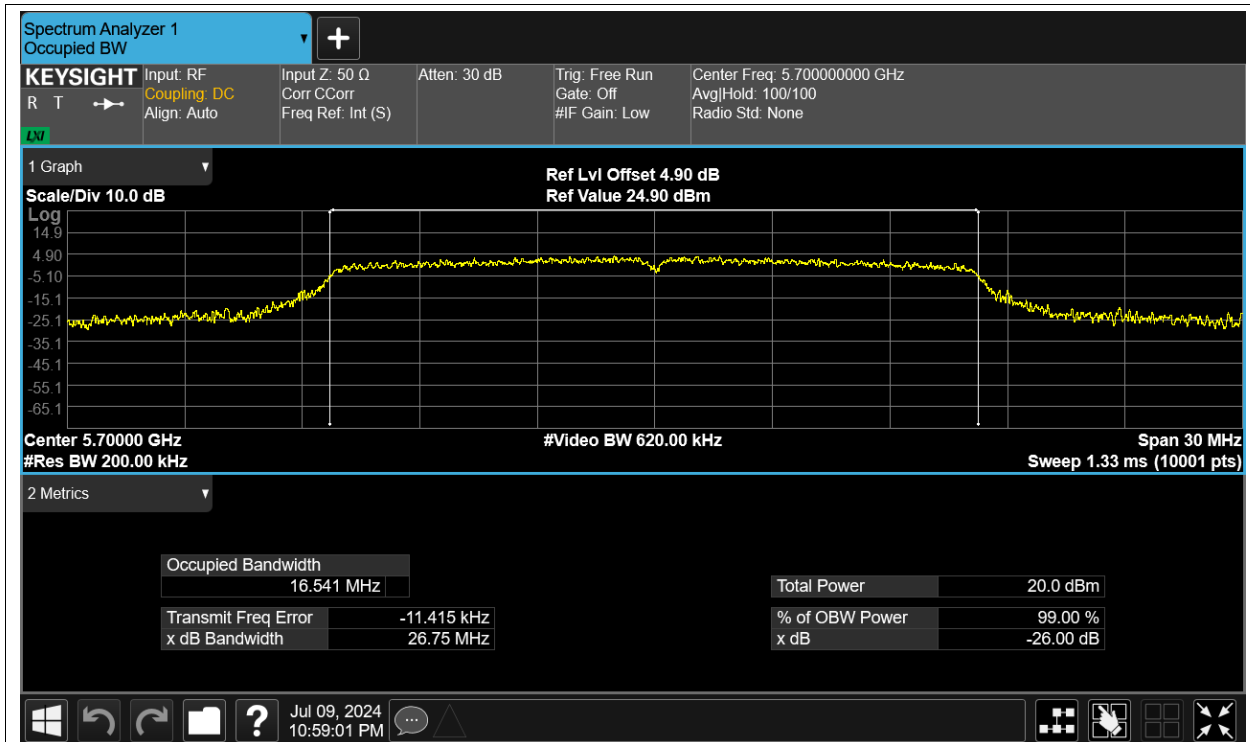
-26dB Bandwidth NVNT n40 5670MHz Ant13



Occupied Channel Bandwidth

Condition	Mode	Frequency (MHz)	Antenna	99% OBW (MHz)
NVNT	a	5500	Ant13	16.448
NVNT	a	5600	Ant13	16.467
NVNT	a	5700	Ant13	16.541
NVNT	ac20	5500	Ant13	17.562
NVNT	ac20	5600	Ant13	17.563
NVNT	ac20	5700	Ant13	17.601
NVNT	ac40	5510	Ant13	35.905
NVNT	ac40	5590	Ant13	35.931
NVNT	ac40	5670	Ant13	35.998
NVNT	ac80	5530	Ant13	74.916
NVNT	ac80	5610	Ant13	75.12
NVNT	n20	5500	Ant13	17.603
NVNT	n20	5600	Ant13	17.639
NVNT	n20	5700	Ant13	17.625
NVNT	n40	5510	Ant13	35.984
NVNT	n40	5590	Ant13	36.058
NVNT	n40	5670	Ant13	36.038

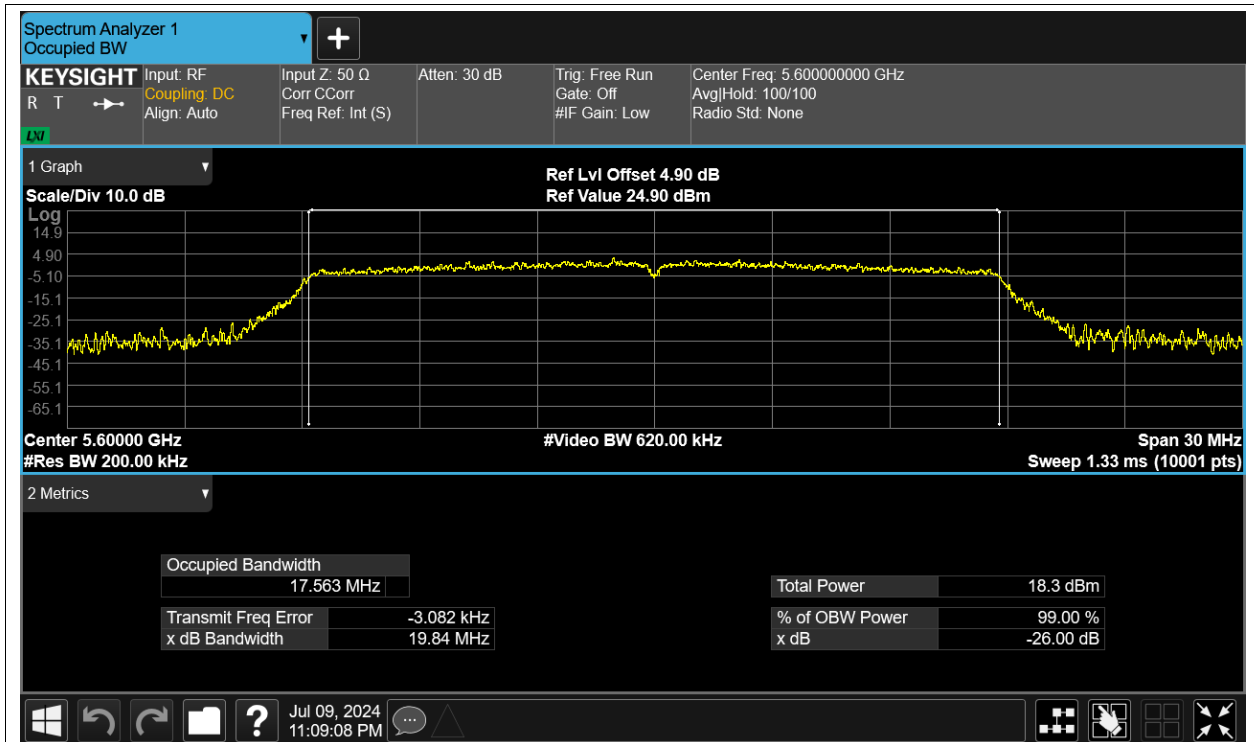




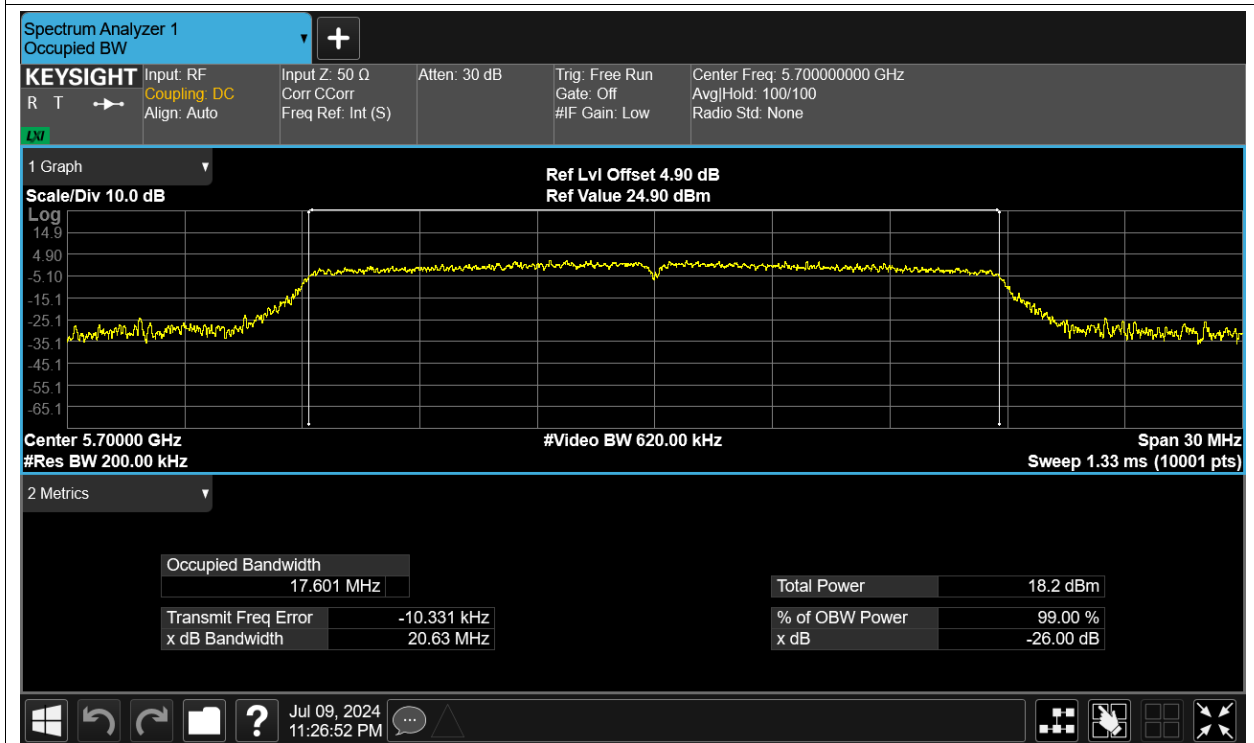
OBW NVNT ac20 5500MHz Ant13



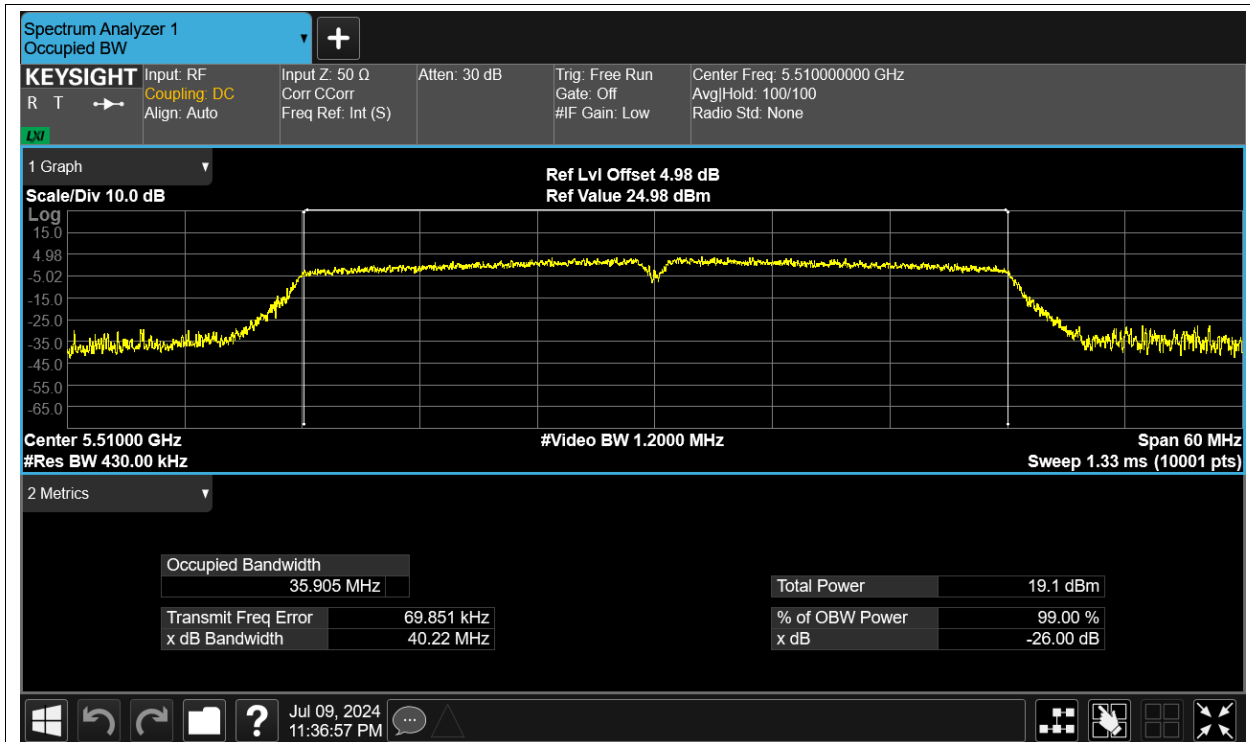
OBW NVNT ac20 5600MHz Ant13



OBW NVNT ac20 5700MHz Ant13



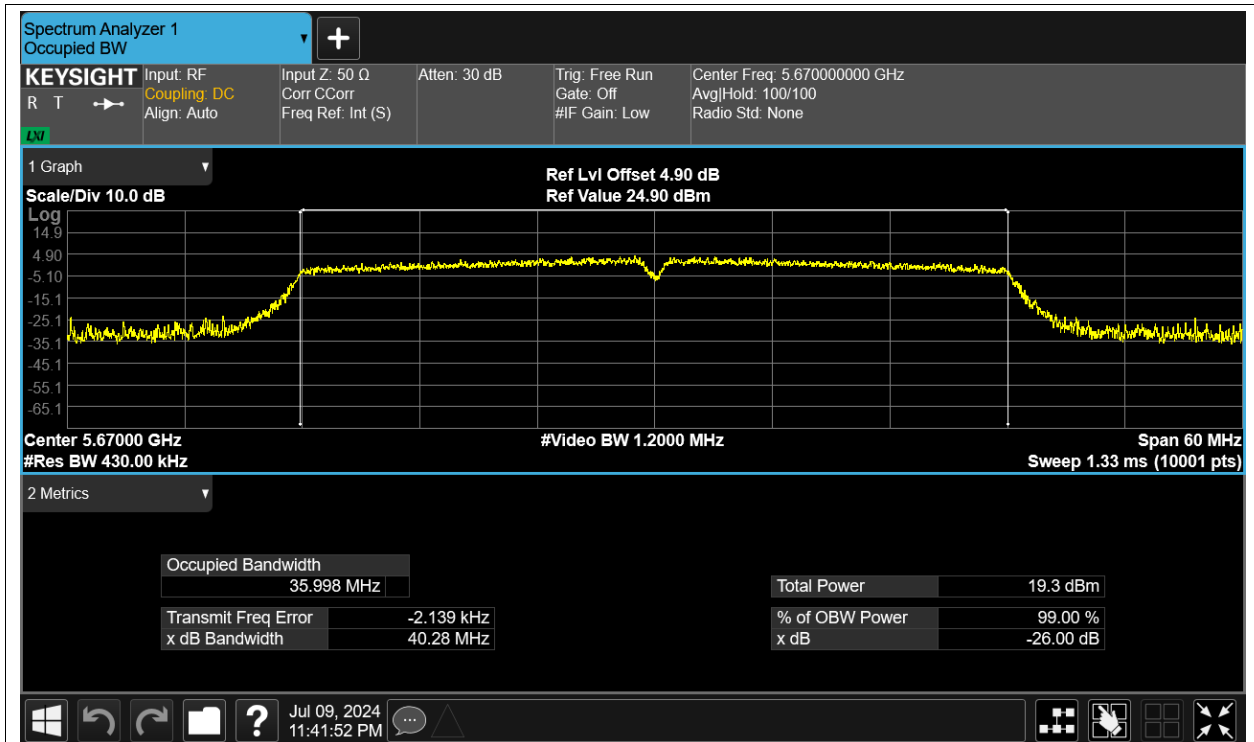
OBW NVNT ac40 5510MHz Ant13



OBW NVNT ac40 5590MHz Ant13



OBW NVNT ac40 5670MHz Ant13



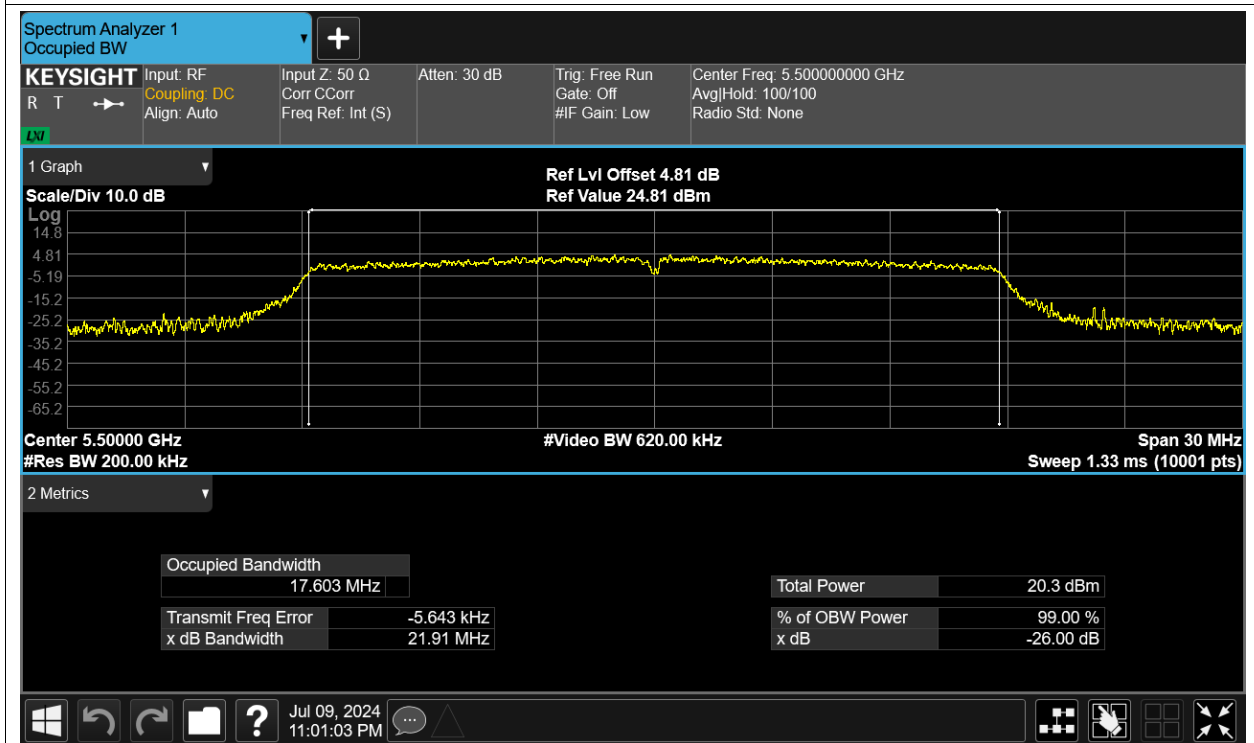
OBW NVNT ac80 5530MHz Ant13



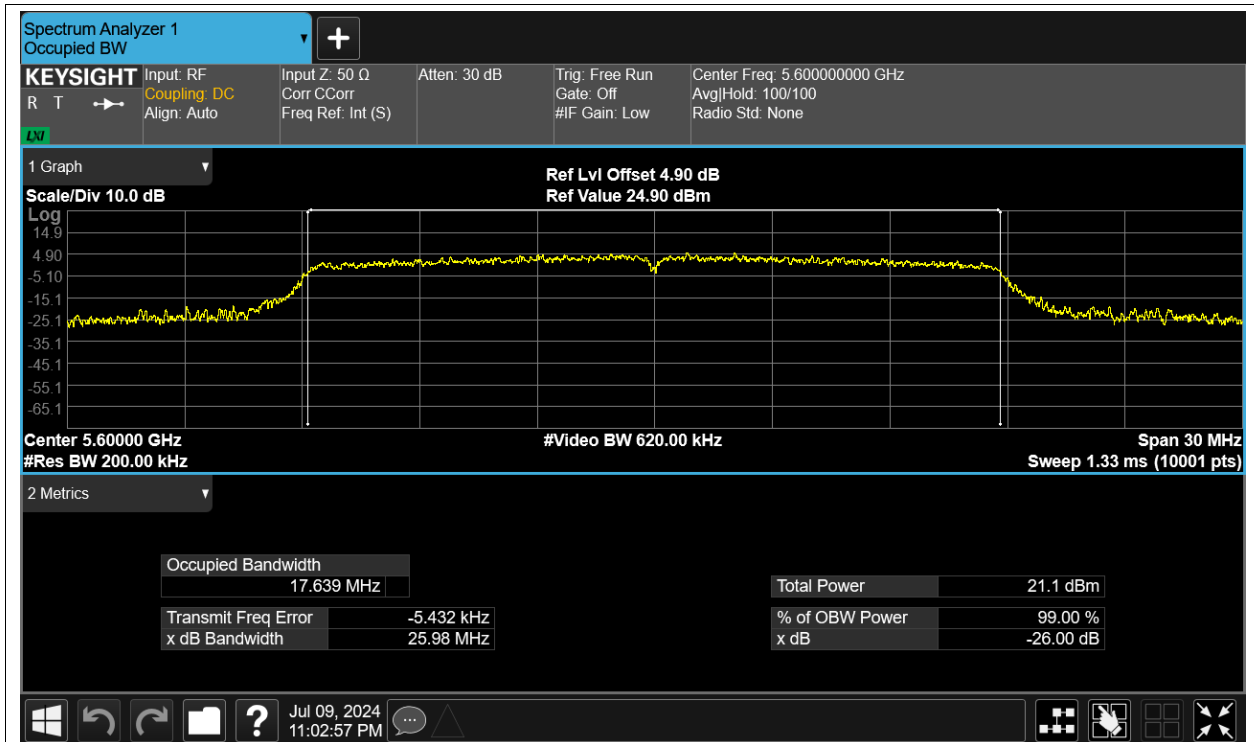
OBW NVNT ac80 5610MHz Ant13



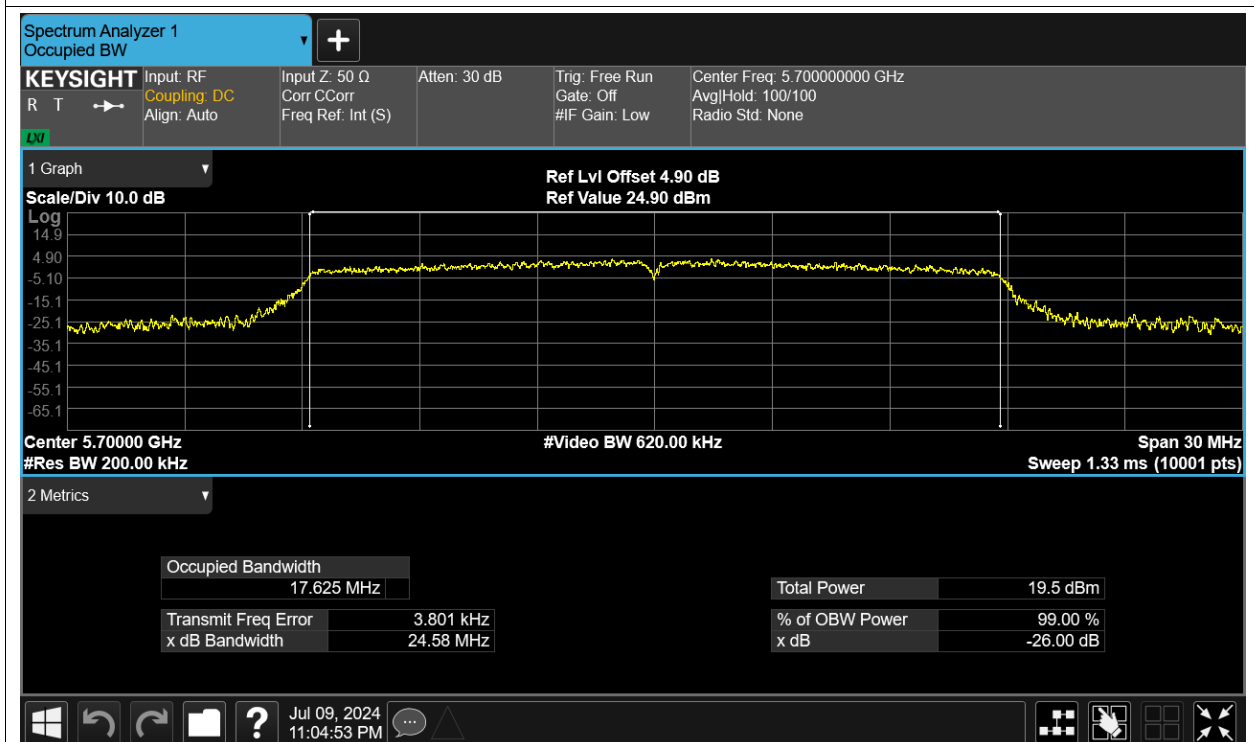
OBW NVNT n20 5500MHz Ant13



OBW NVNT n20 5600MHz Ant13



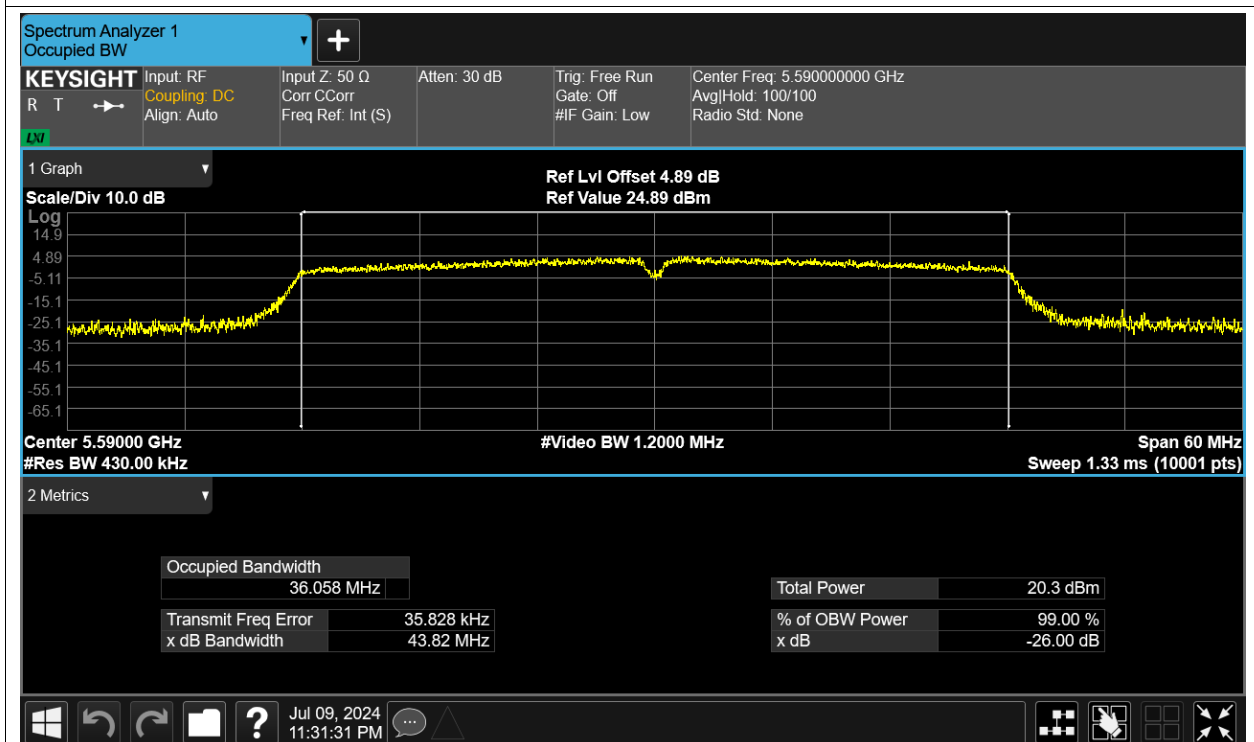
OBW NVNT n20 5700MHz Ant13



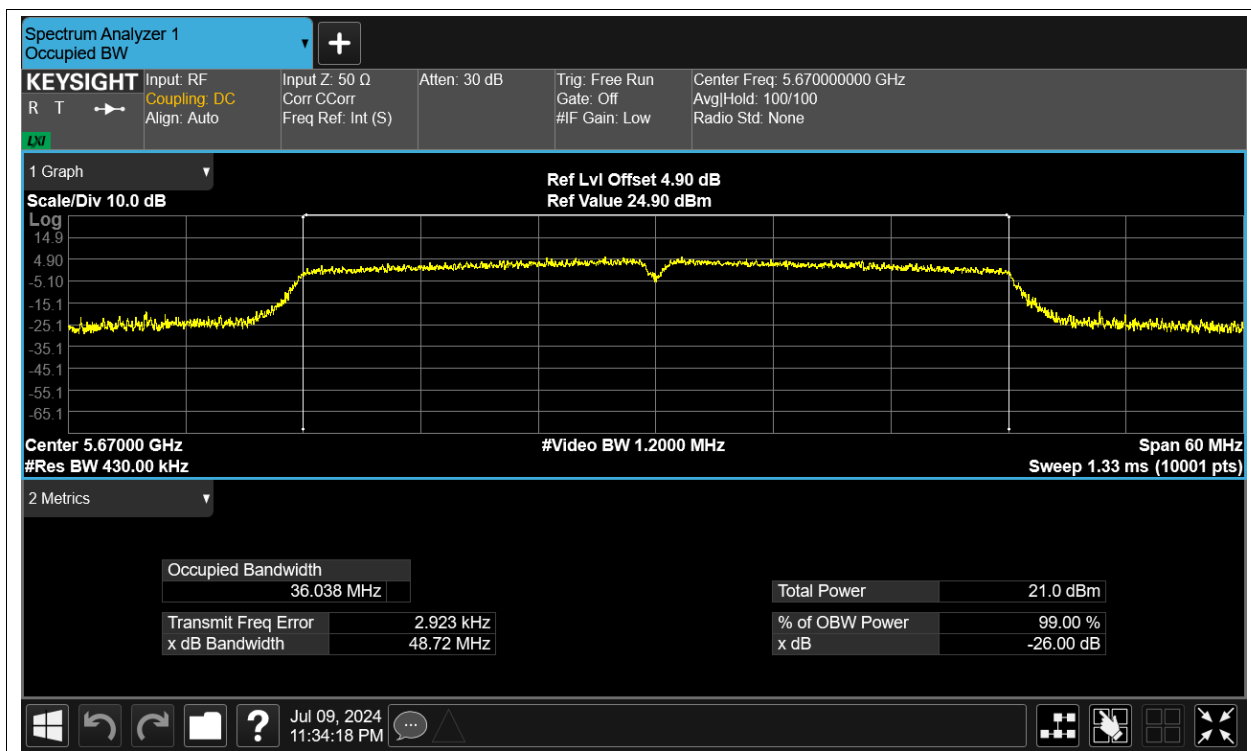
OBW NVNT n40 5510MHz Ant13



OBW NVNT n40 5590MHz Ant13



OBW NVNT n40 5670MHz Ant13

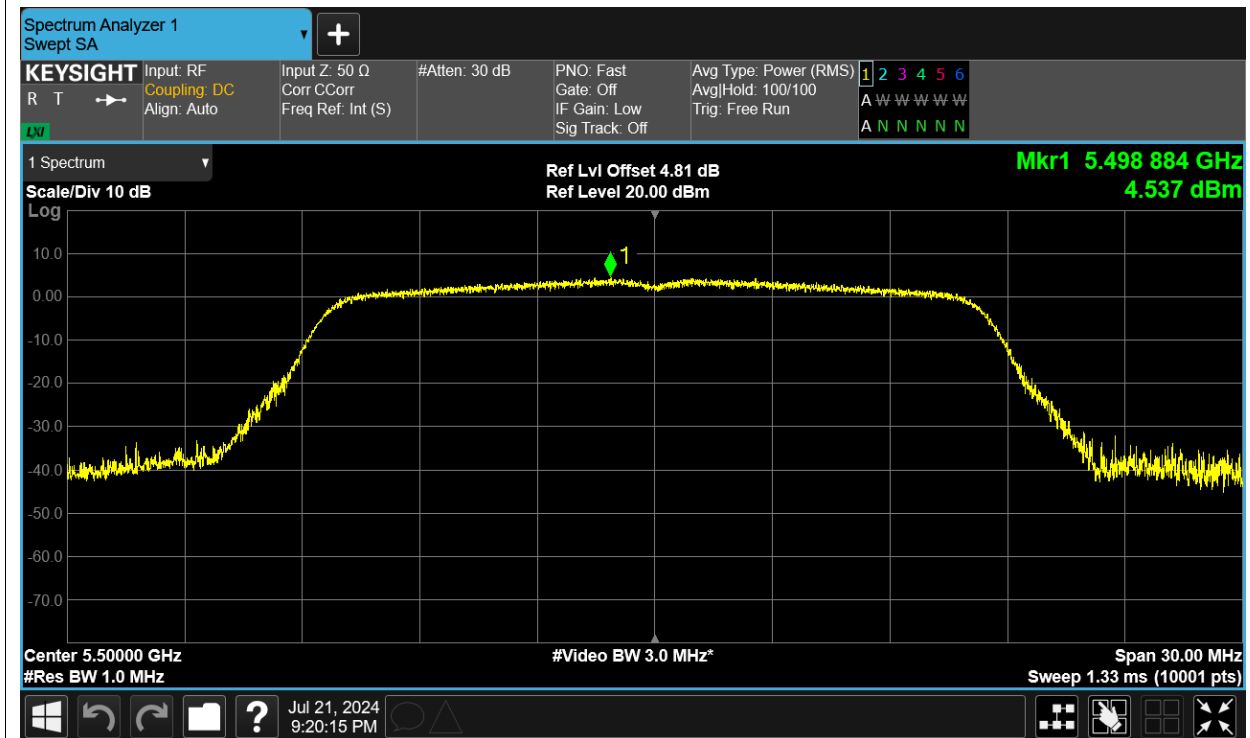


Maximum Power Spectral Density Level

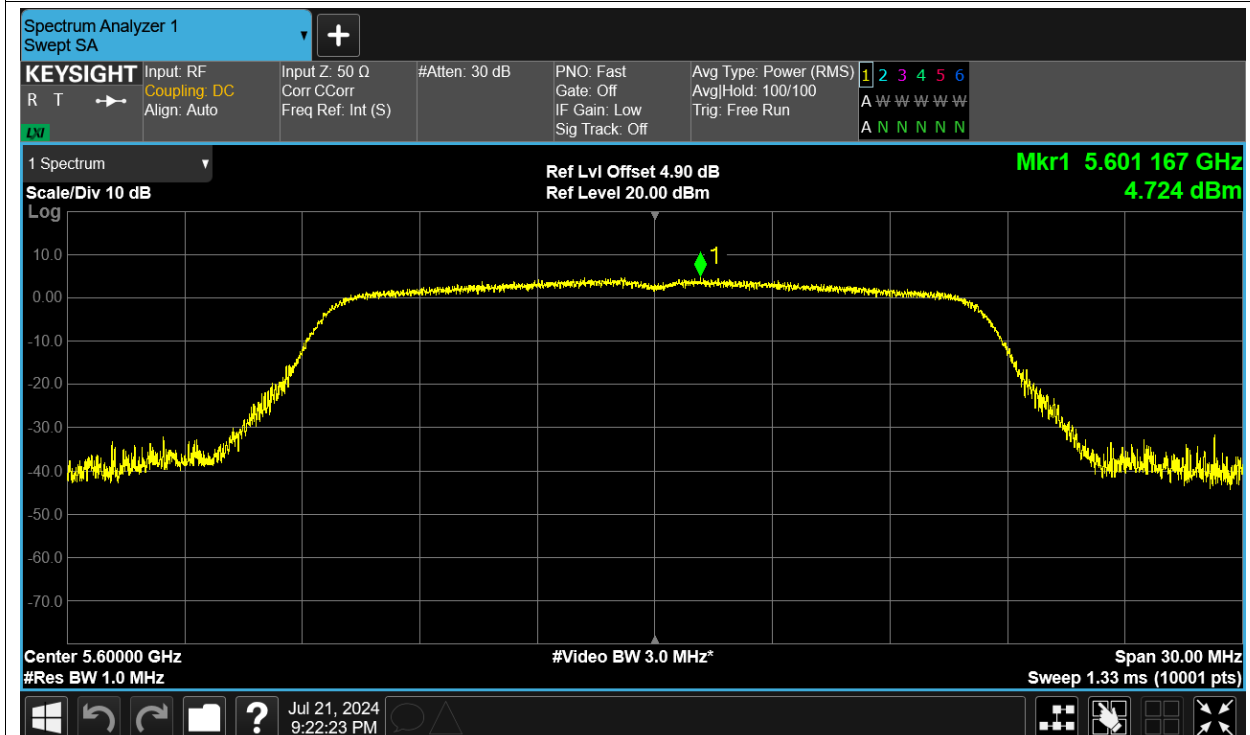
Condition	Mode	Frequency (MHz)	Antenna	Max PSD (dBm)	Limit (dBm)	Verdict
NVNT	a	5500	Ant13	4.537	11	Pass
NVNT	a	5600	Ant13	4.724	11	Pass
NVNT	a	5700	Ant13	4.252	11	Pass
NVNT	ac20	5500	Ant13	3.213	11	Pass
NVNT	ac20	5600	Ant13	3.728	11	Pass
NVNT	ac20	5700	Ant13	3.389	11	Pass
NVNT	ac40	5510	Ant13	-1.647	11	Pass
NVNT	ac40	5590	Ant13	-1.107	11	Pass
NVNT	ac40	5670	Ant13	-1.318	11	Pass
NVNT	ac80	5530	Ant13	-5.687	11	Pass
NVNT	ac80	5610	Ant13	-5.742	11	Pass
NVNT	n20	5500	Ant13	3.404	11	Pass
NVNT	n20	5600	Ant13	3.649	11	Pass
NVNT	n20	5700	Ant13	3.334	11	Pass
NVNT	n40	5510	Ant13	-1.442	11	Pass
NVNT	n40	5590	Ant13	-1.325	11	Pass
NVNT	n40	5670	Ant13	-1.685	11	Pass

Test Graphs

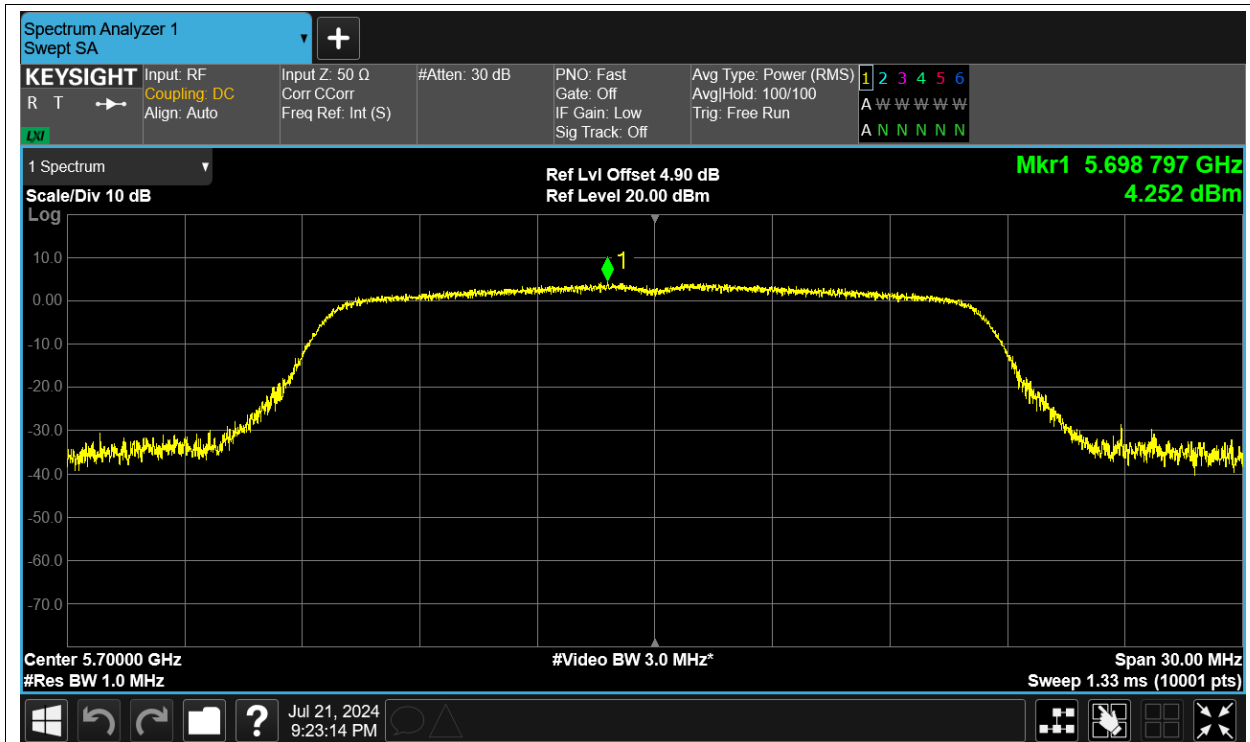
PSD NVNT a 5500MHz Ant13



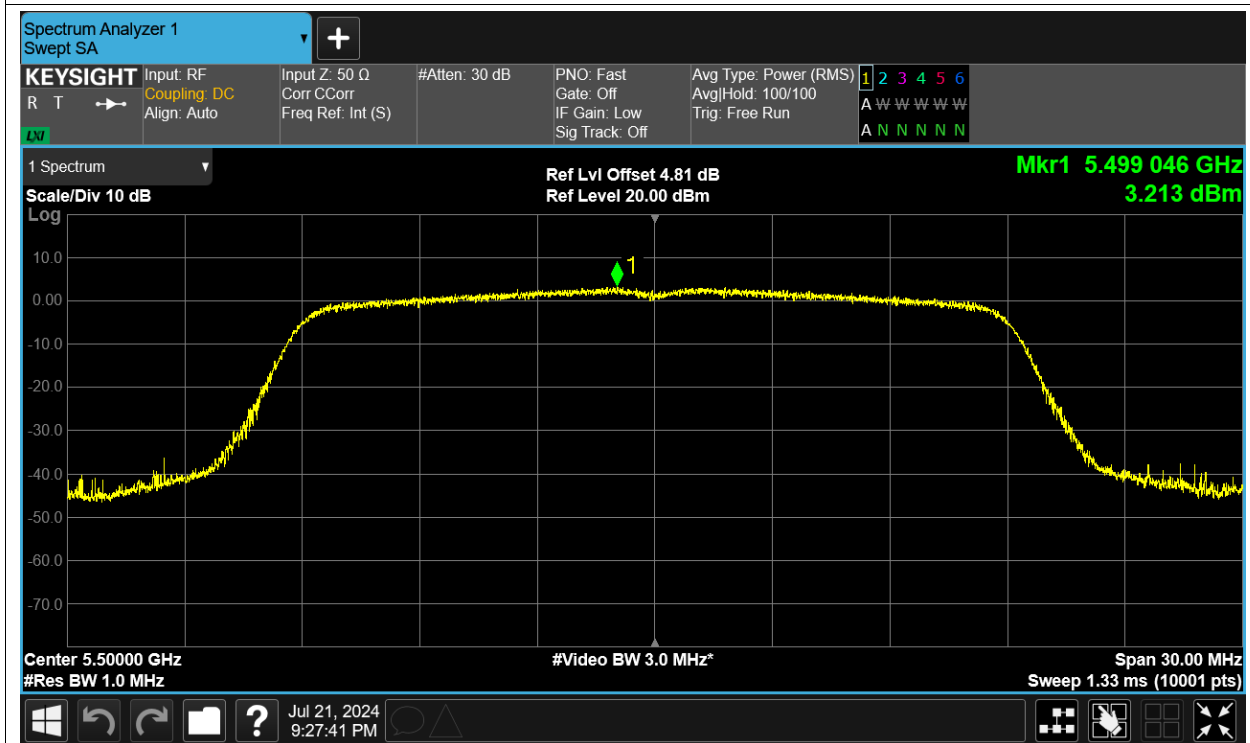
PSD NVNT a 5600MHz Ant13



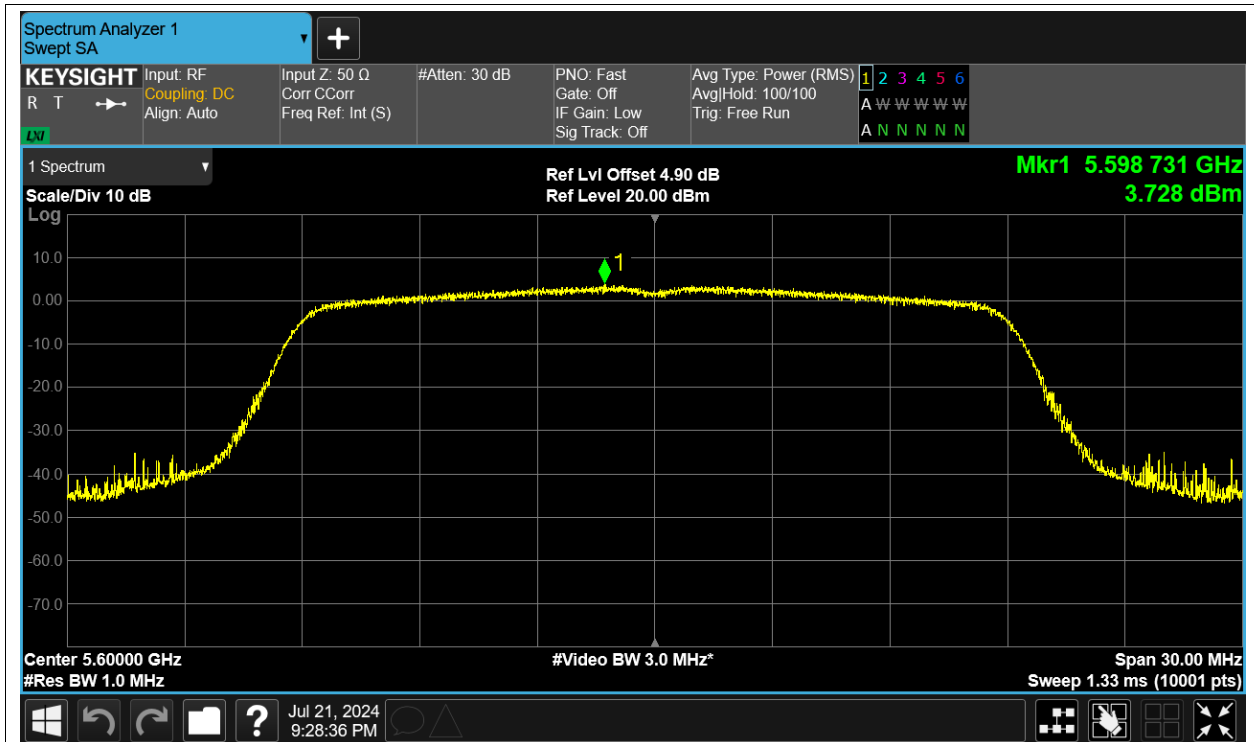
PSD NVNT a 5700MHz Ant13



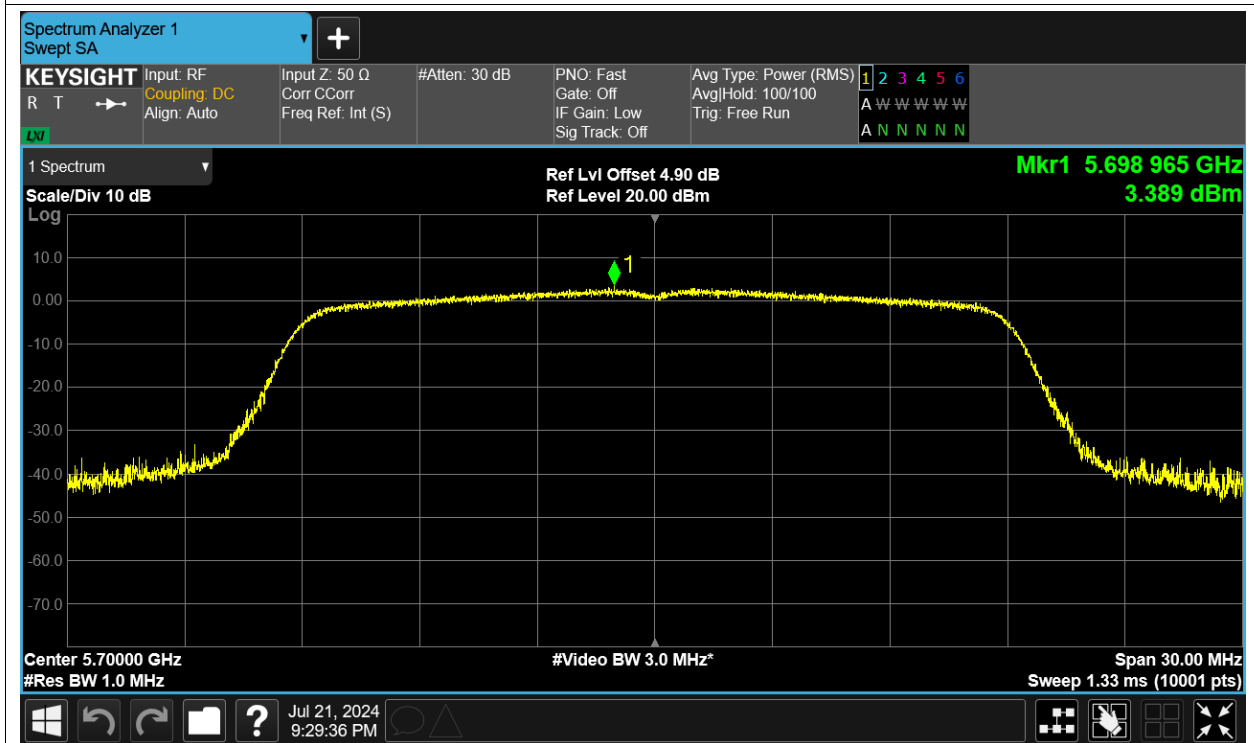
PSD NVNT ac20 5500MHz Ant13



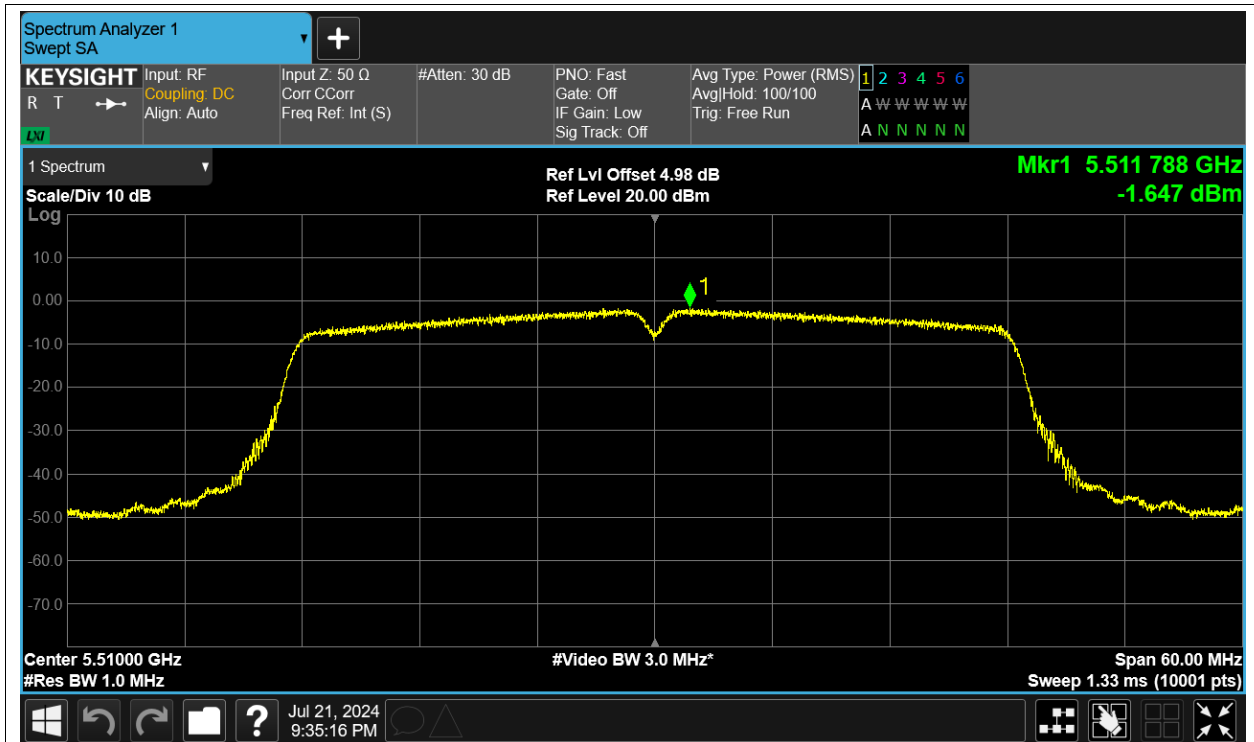
PSD NVNT ac20 5600MHz Ant13



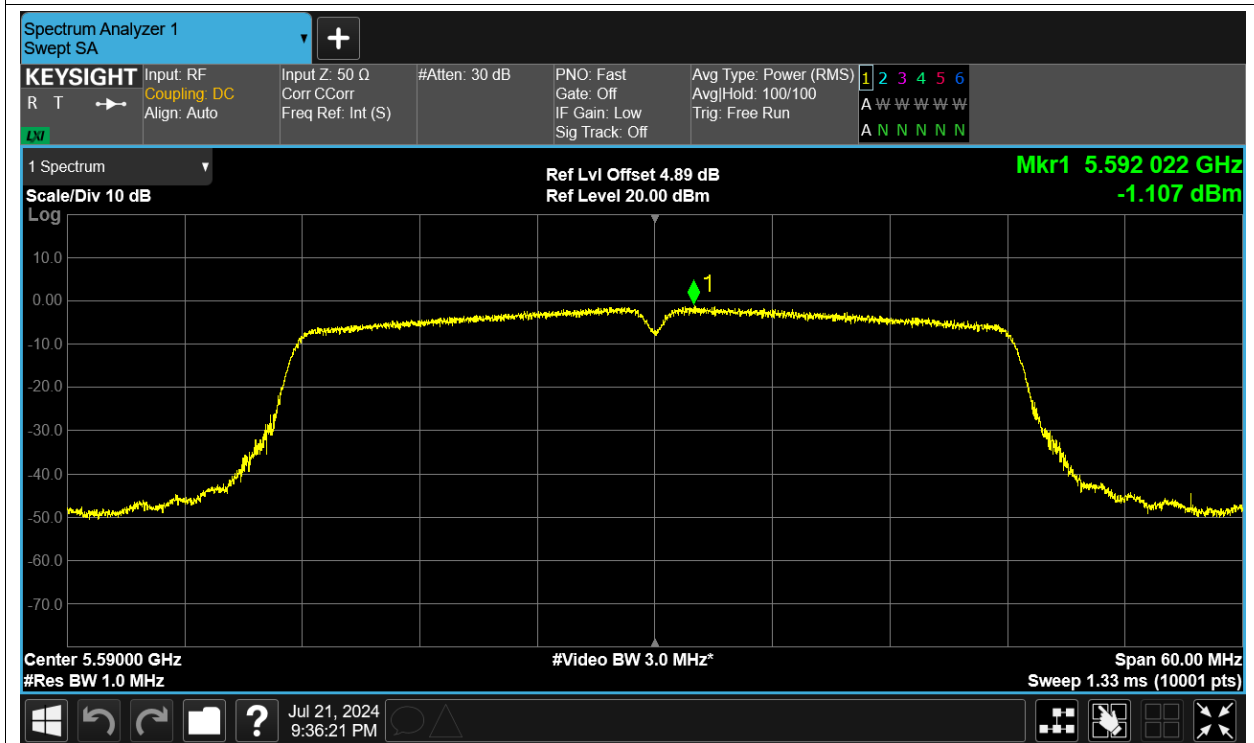
PSD NVNT ac20 5700MHz Ant13



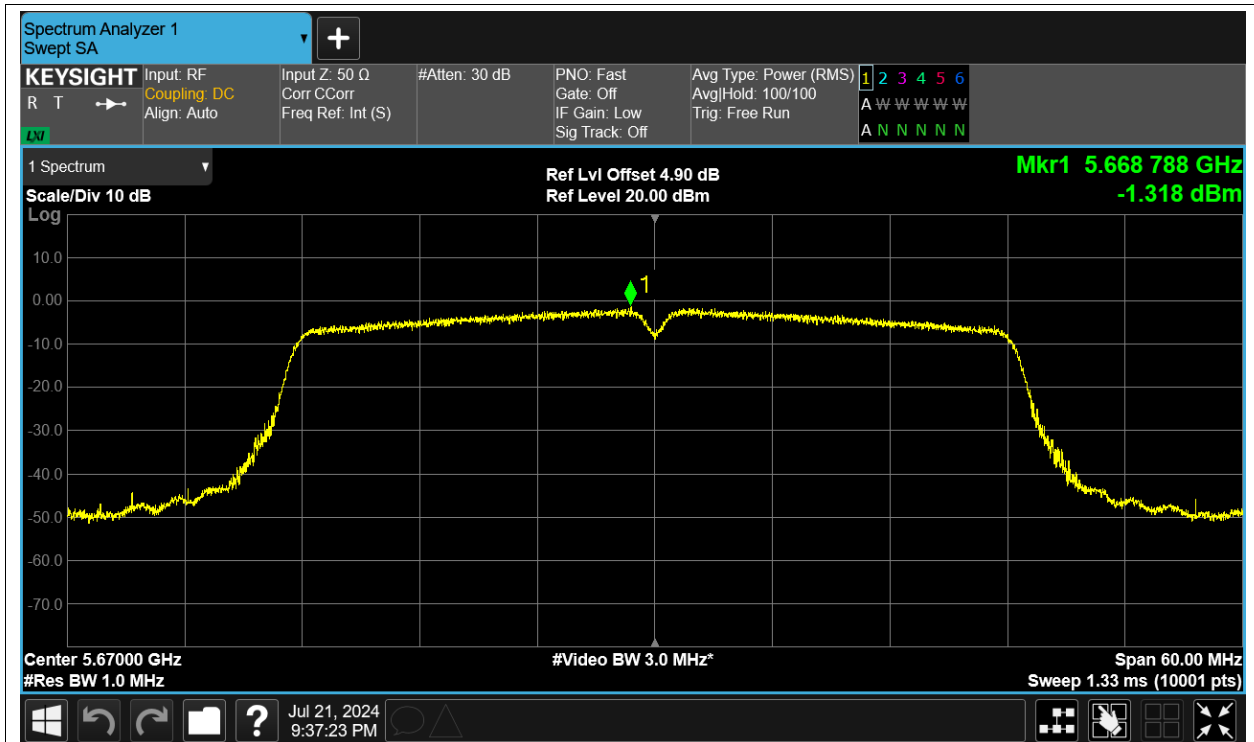
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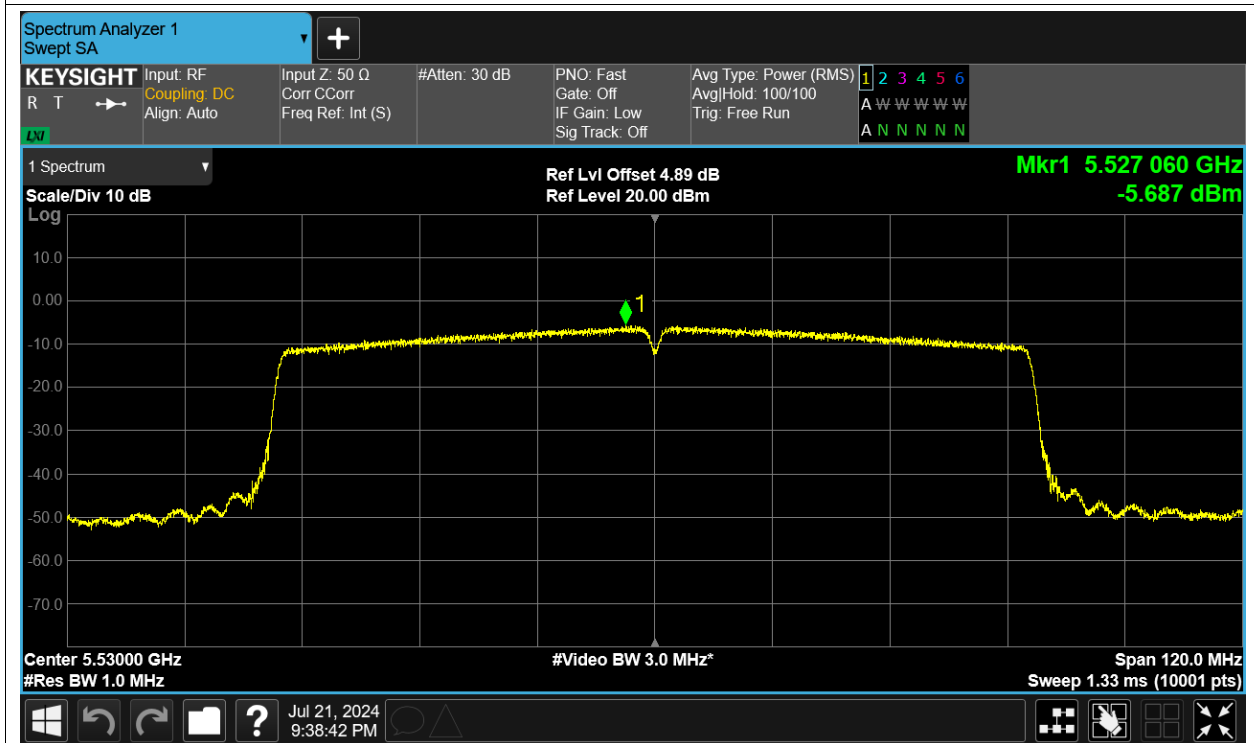
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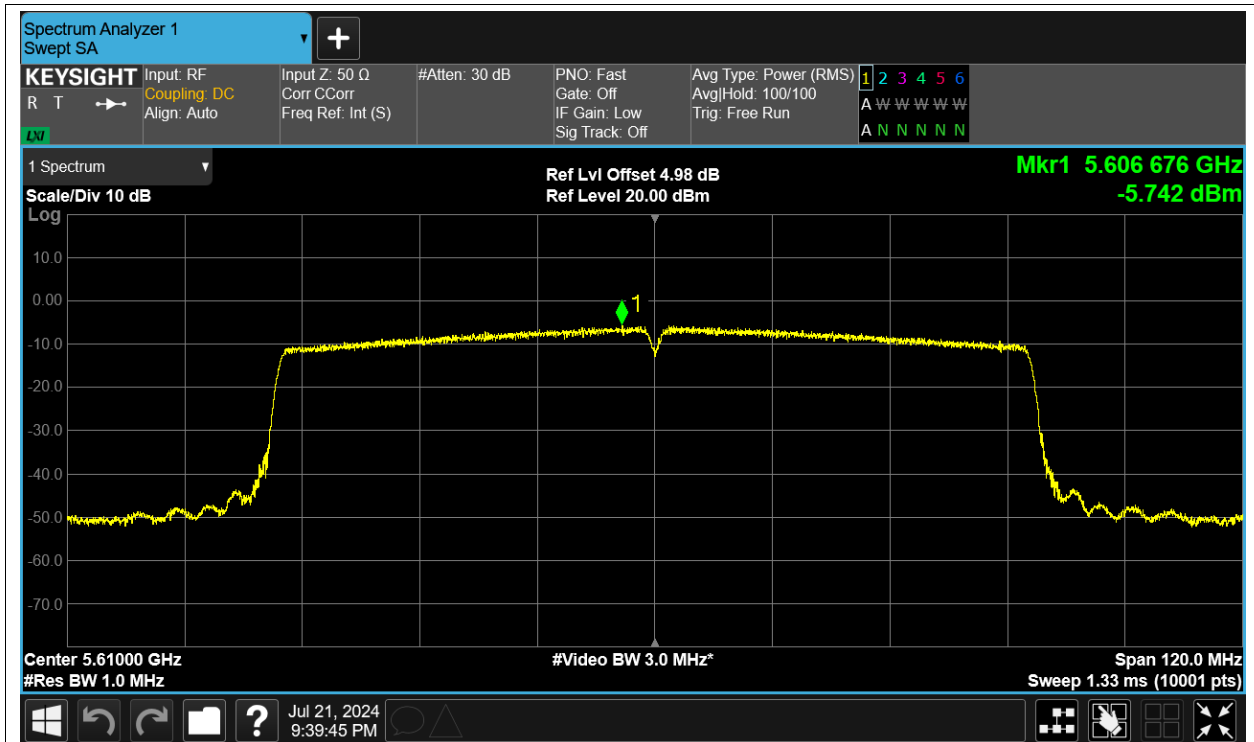
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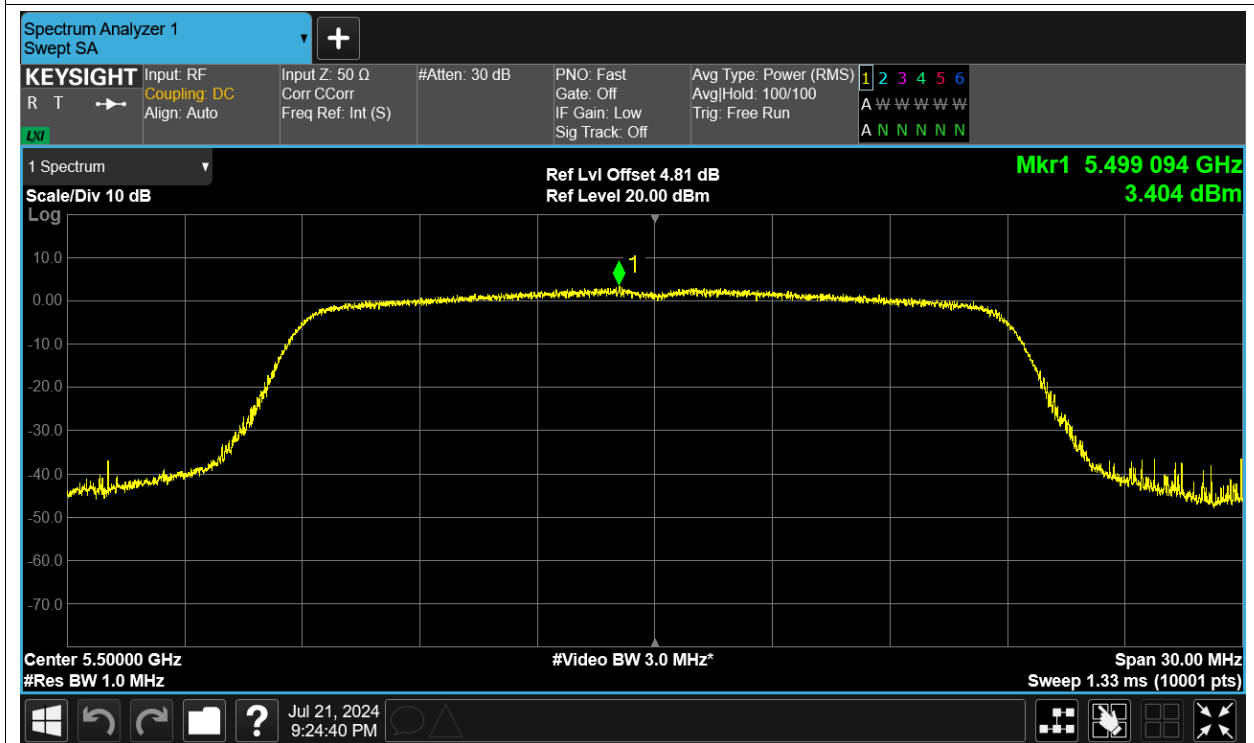
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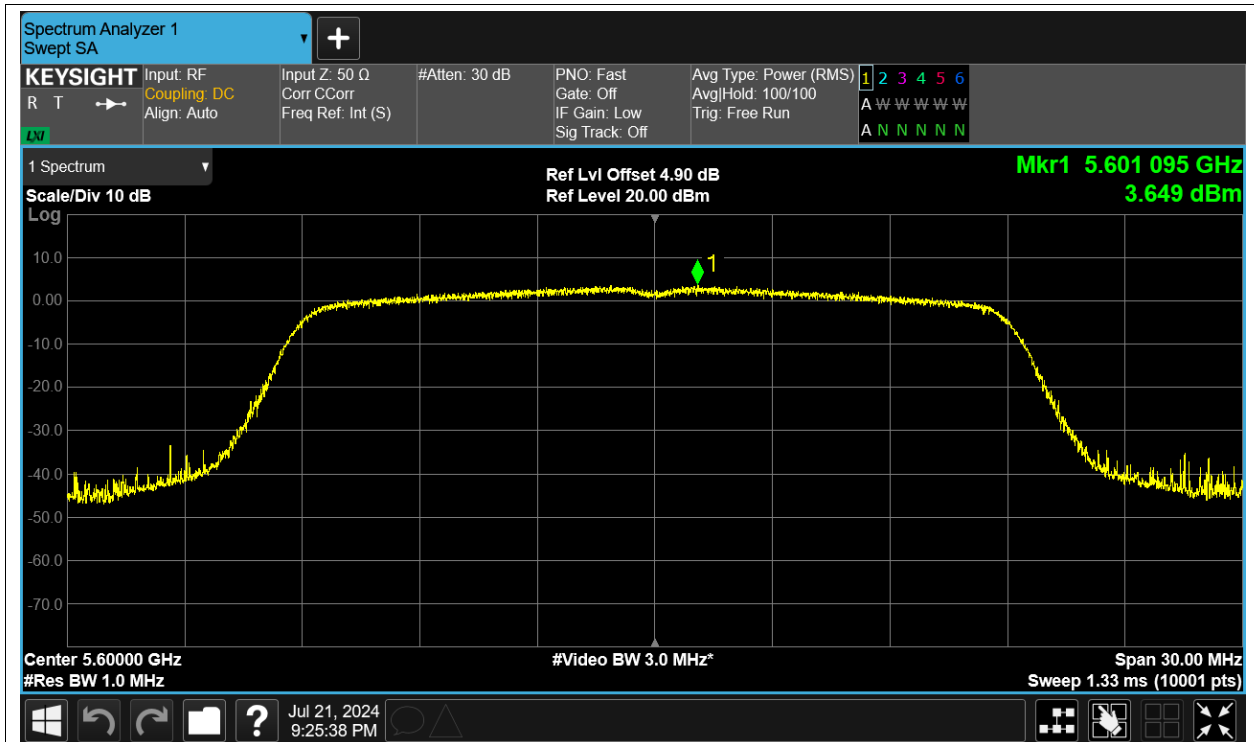
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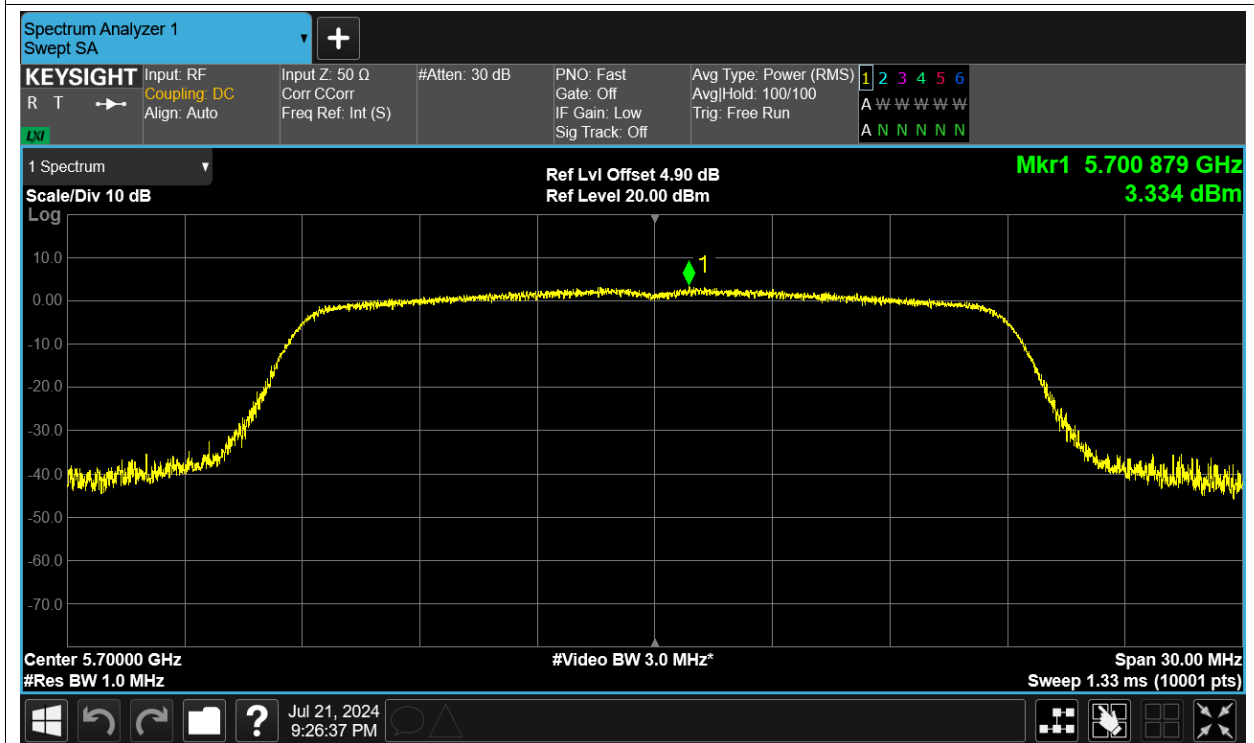
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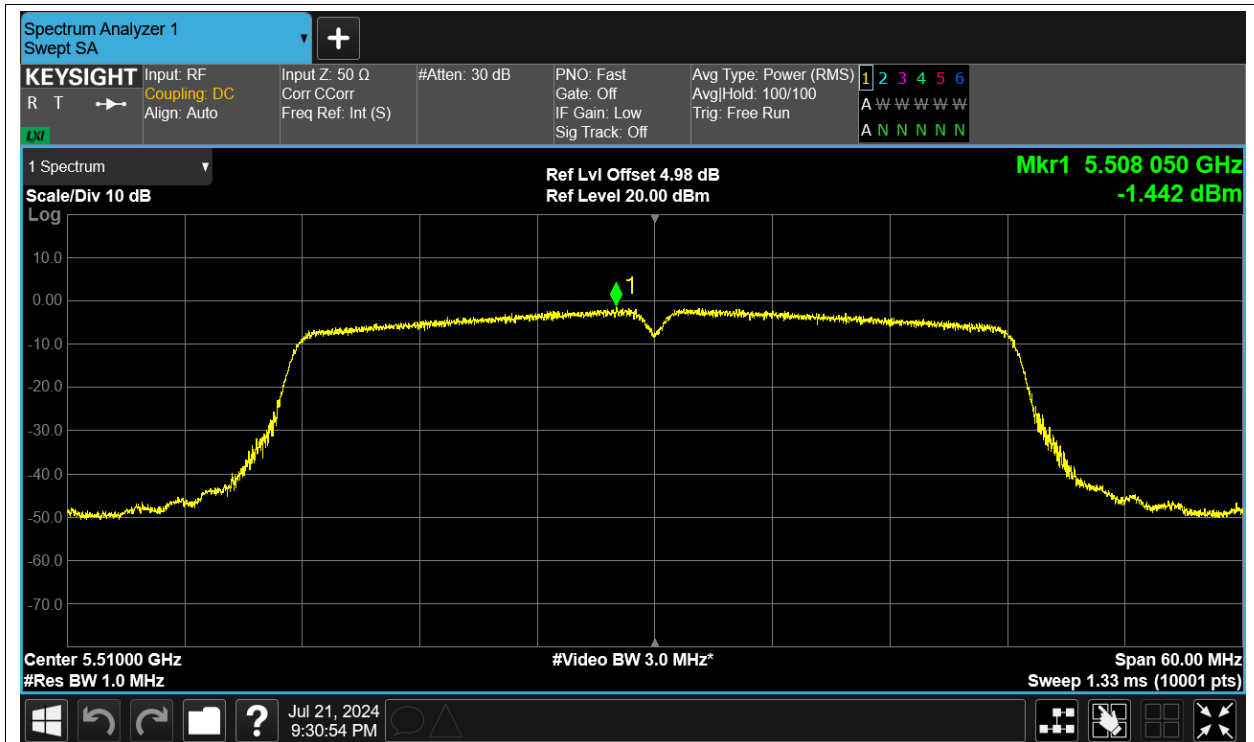
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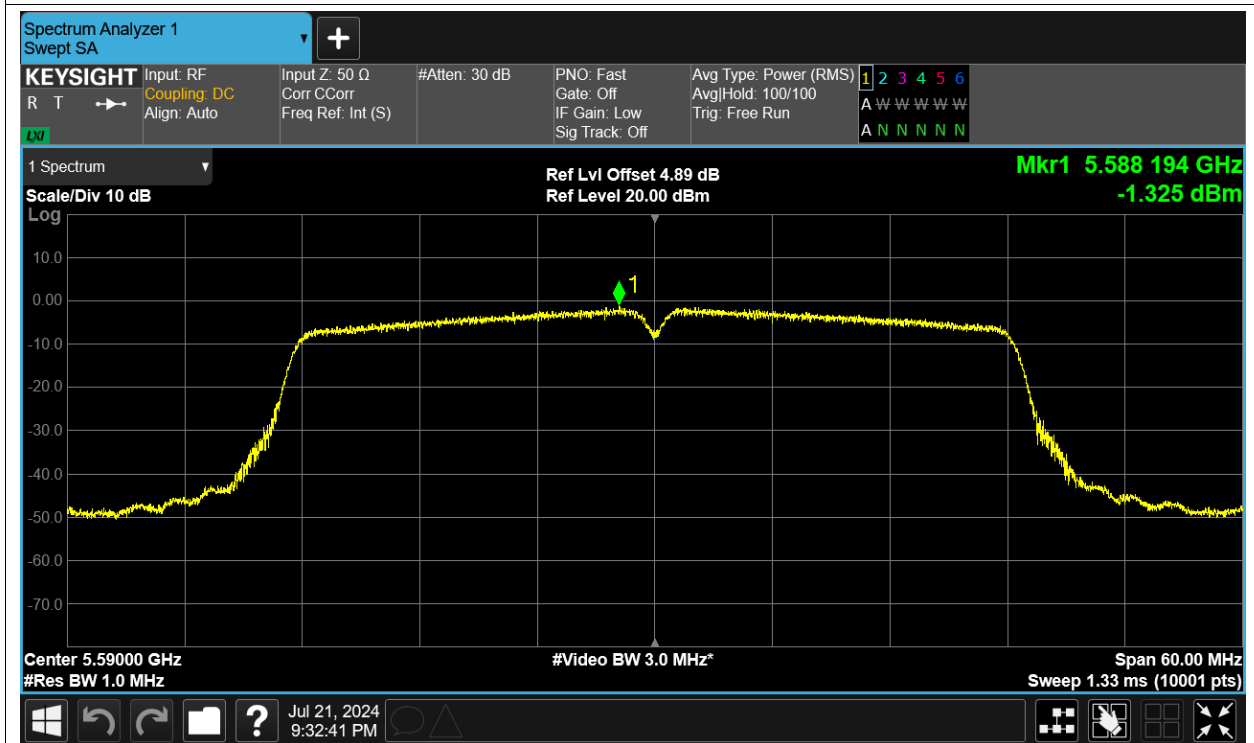
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PSD NVNT n40 5590MHz Ant13



PSD NVNT n40 5670MHz Ant13

