

Test Data

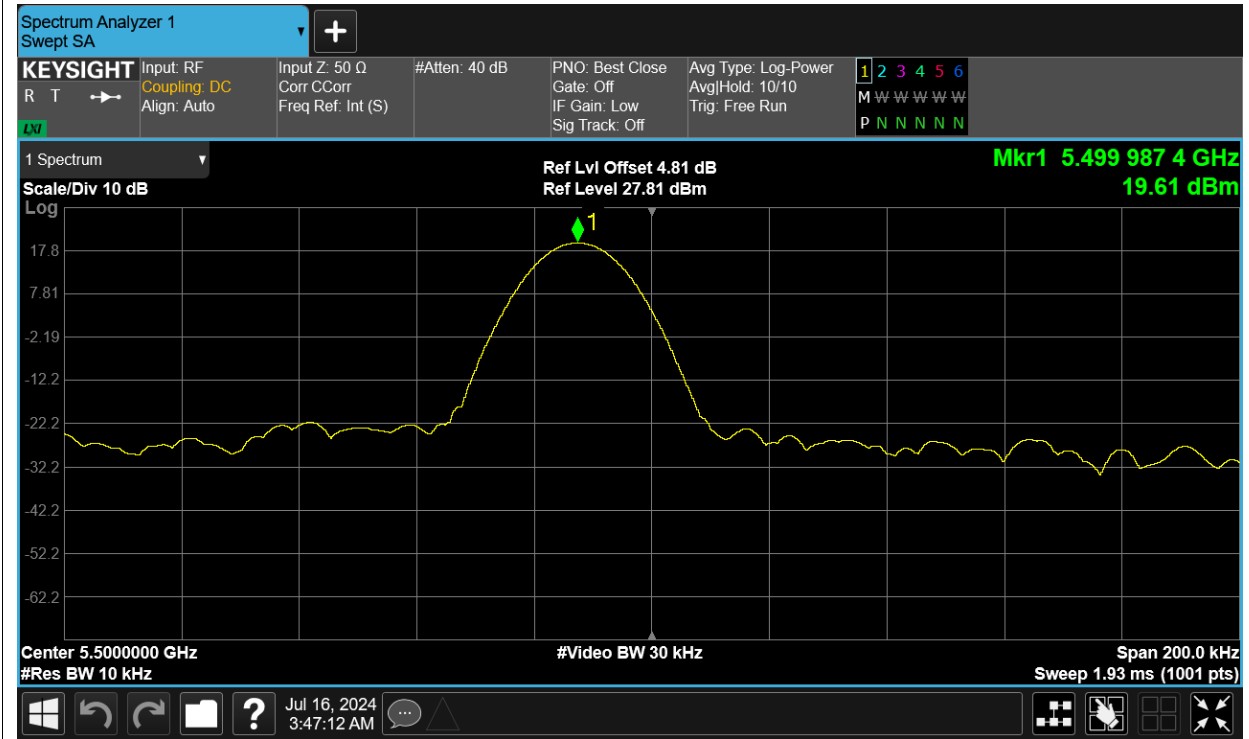
Frequency Stability

Condition	Mode	Frequency (MHz)	Antenna	Measured Frequency (MHz)	Deviation (ppm)	Limit (ppm)	Verdict
HVNT	a	5500	Ant14	5499.9874	-2.29	Within authorized band	Pass
LVNT	a	5500	Ant14	5499.9876	-2.25		Pass
NVHT	a	5500	Ant14	5499.9876	-2.25		Pass
NVLT	a	5500	Ant14	5499.9878	-2.22		Pass
NVNT	a	5500	Ant14	5499.9878	-2.22		Pass
HVNT	ac80	5530	Ant14	5529.9876	-2.24		Pass
LVNT	ac80	5530	Ant14	5529.9876	-2.24		Pass
NVHT	ac80	5530	Ant14	5529.9878	-2.21		Pass
NVLT	ac80	5530	Ant14	5529.988	-2.17		Pass
NVNT	ac80	5530	Ant14	5529.988	-2.17		Pass
HVNT	n40	5510	Ant14	5509.9874	-2.29		Pass
LVNT	n40	5510	Ant14	5509.9876	-2.25		Pass
NVHT	n40	5510	Ant14	5509.9876	-2.25		Pass
NVLT	n40	5510	Ant14	5509.9876	-2.25		Pass
NVNT	n40	5510	Ant14	5509.9878	-2.21		Pass

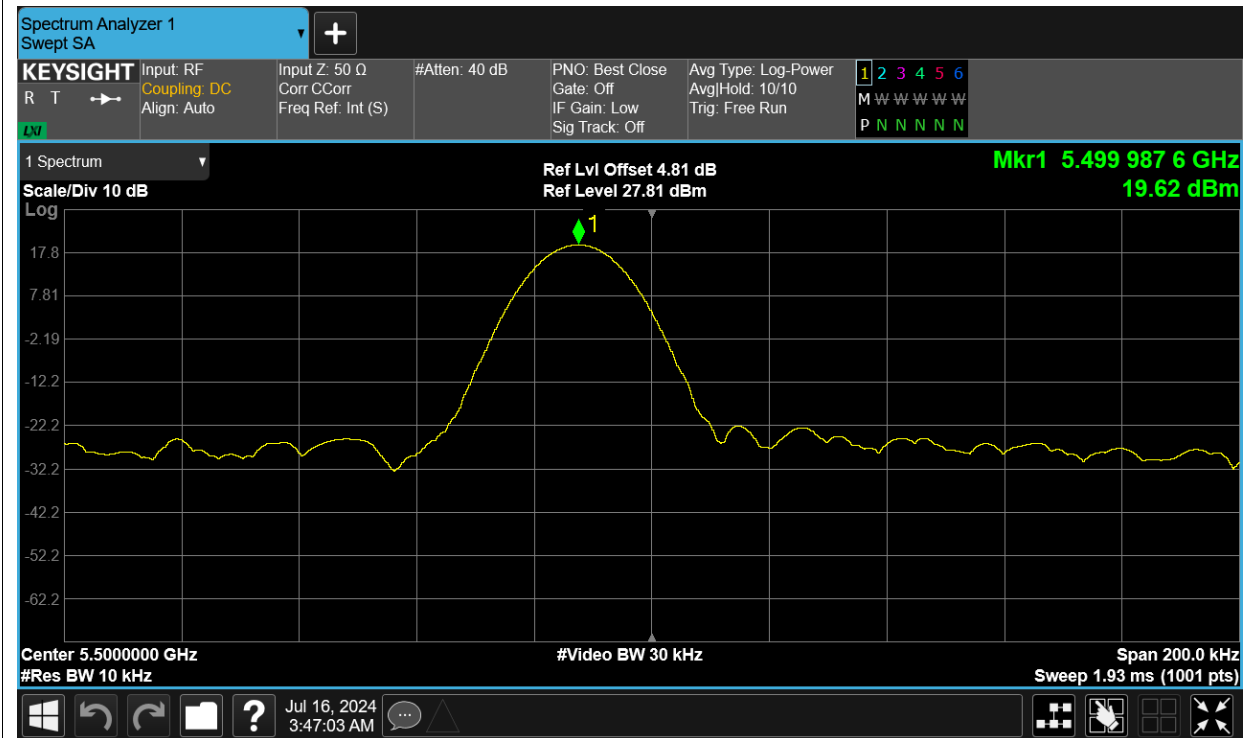
Remark: "NTNV" means Normal Temperature Normal Voltage, "NVHT" means Normal Voltage High Temperature, "NVLT" means Normal Voltage Low Temperature, "LVNT" means Low Voltage Normal Temperature, "HVNT" means High Voltage Normal Temperature.

Test Graphs

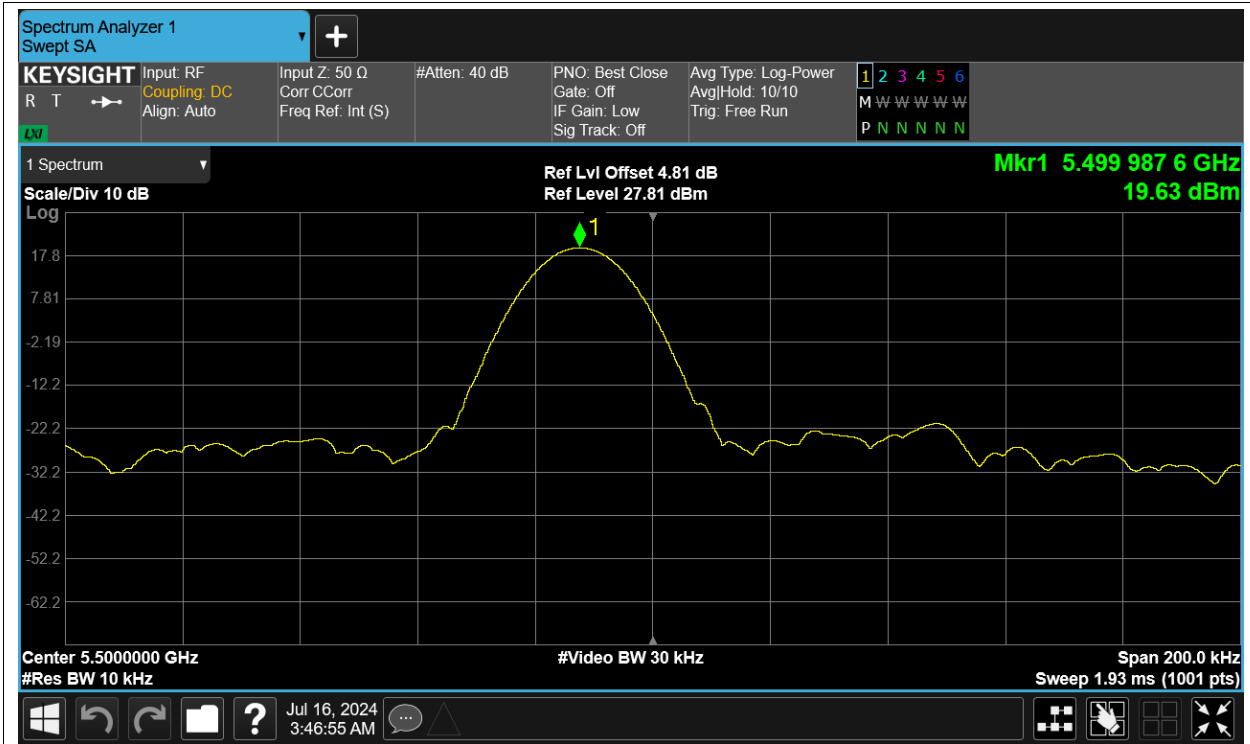
Freq. Stability HVNT a 5500MHz Ant14



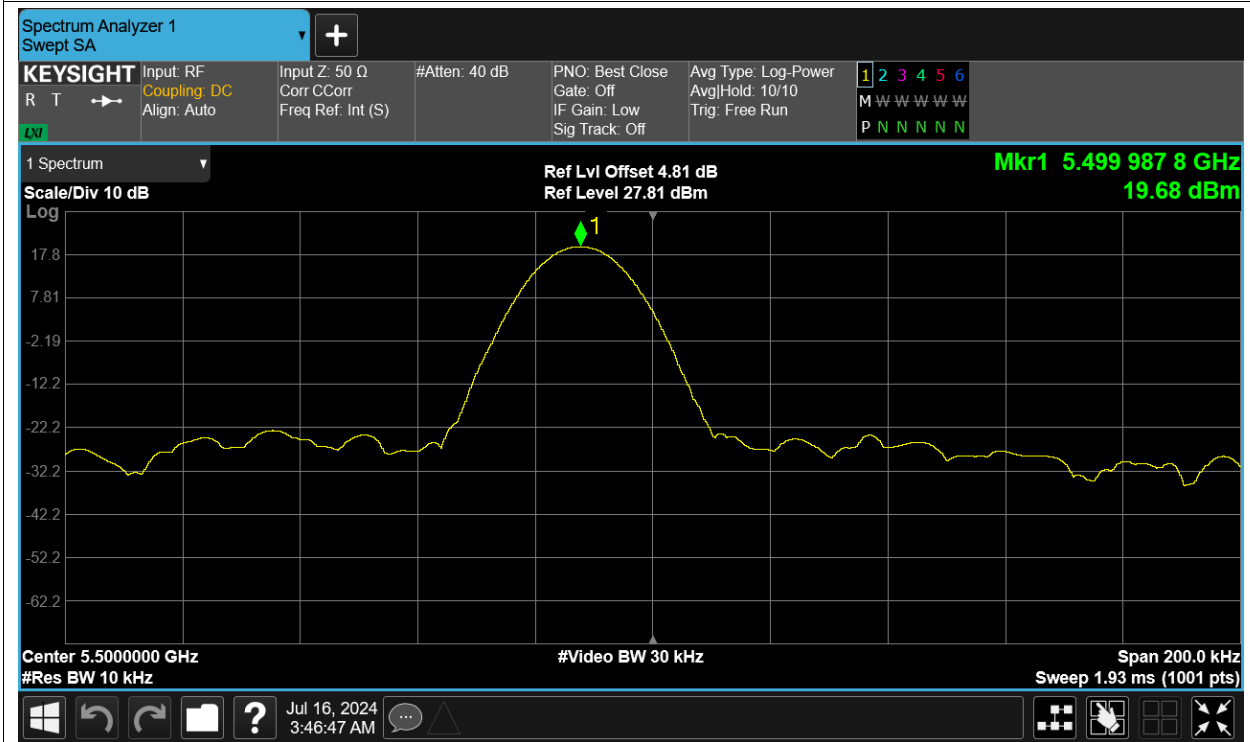
Freq. Stability LVNT a 5500MHz Ant14



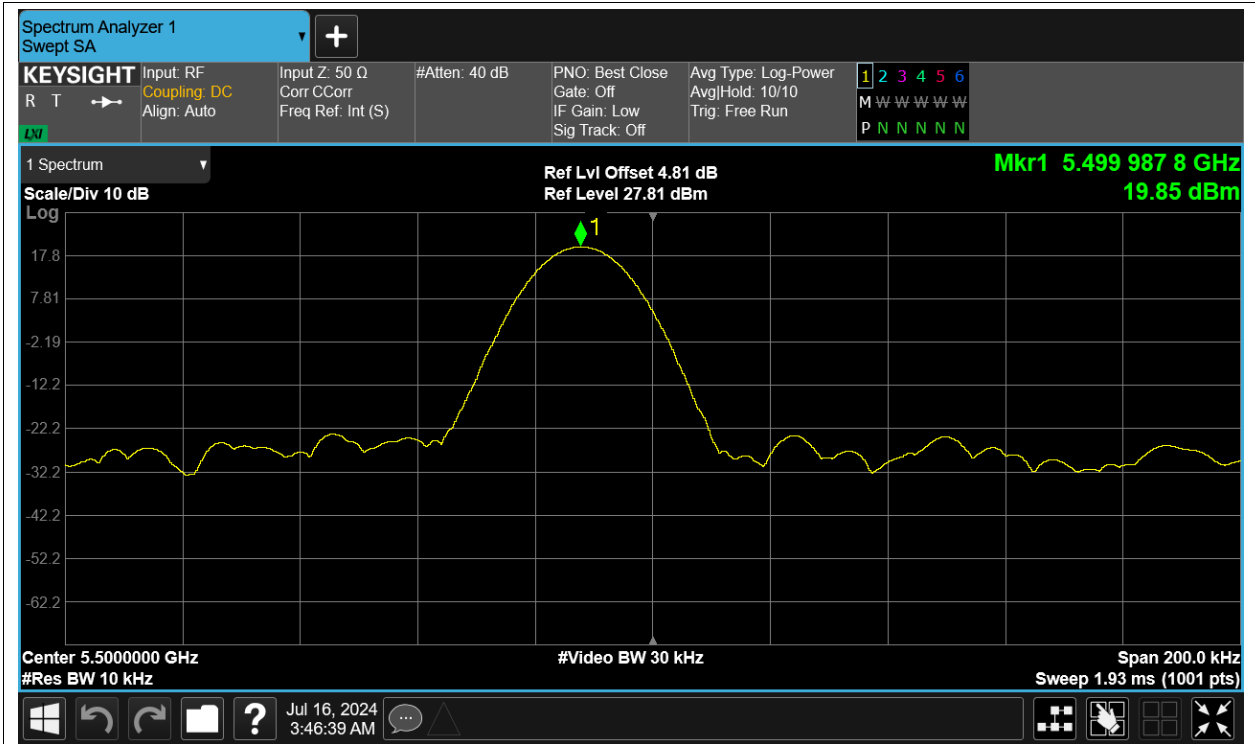
Freq. Stability NVHT a 5500MHz Ant14



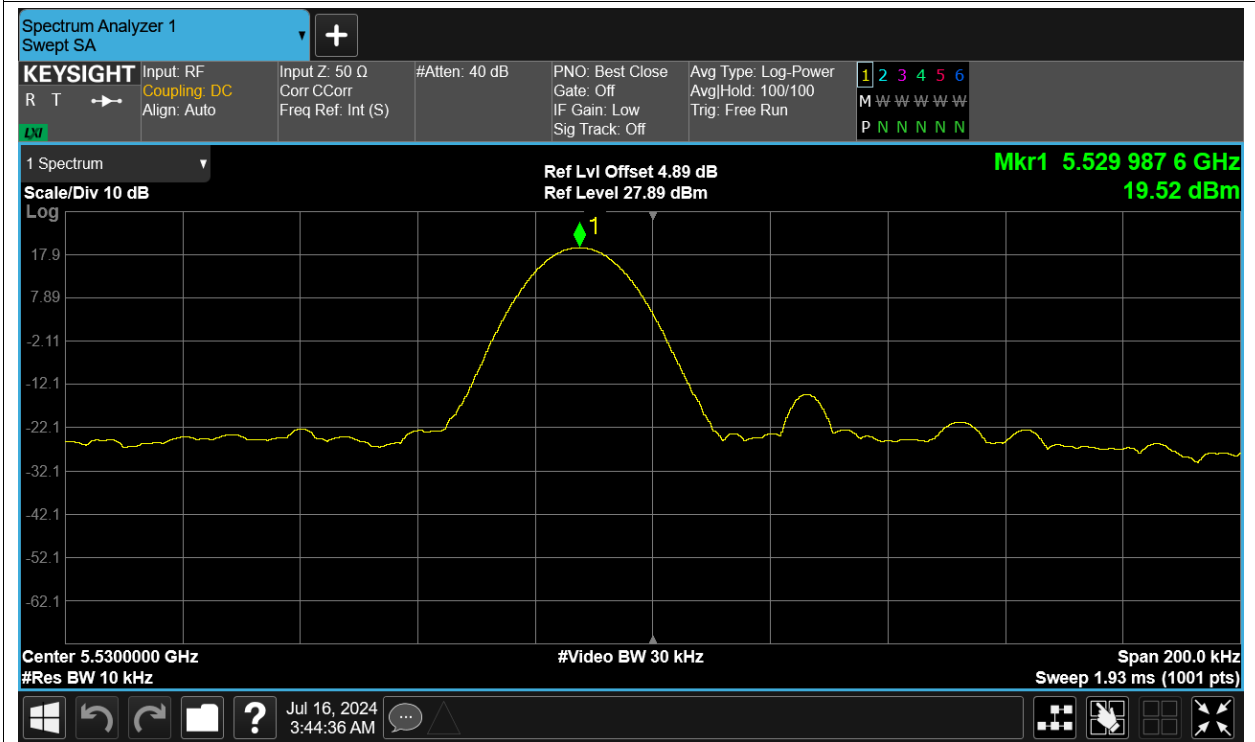
Freq. Stability NVLT a 5500MHz Ant14



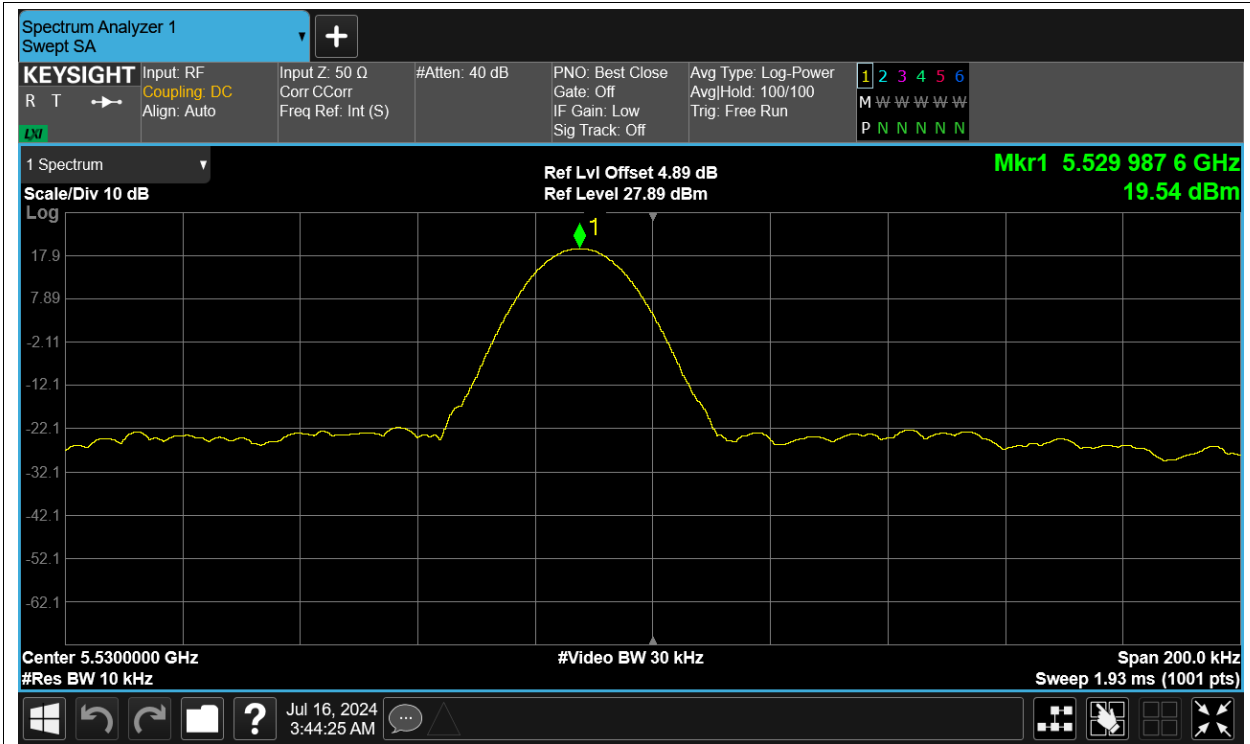
Freq. Stability NVNT a 5500MHz Ant14



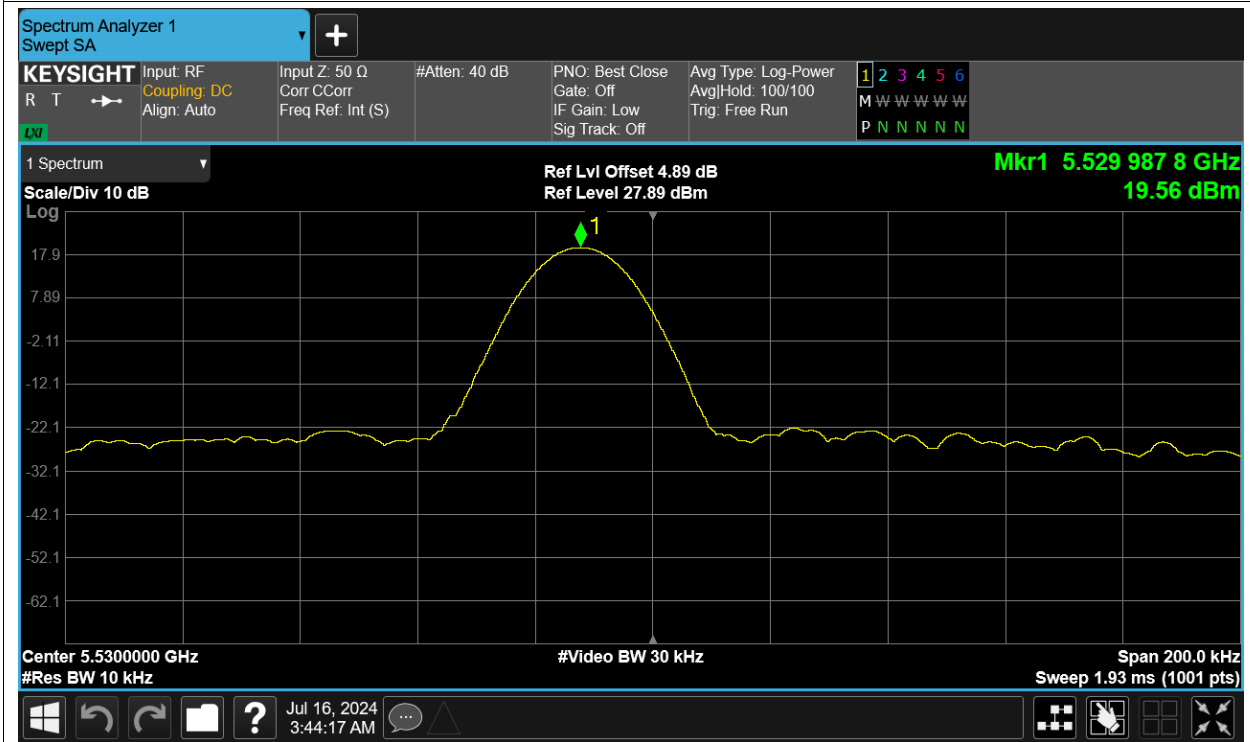
Freq. Stability HVNT ac80 5530MHz Ant14



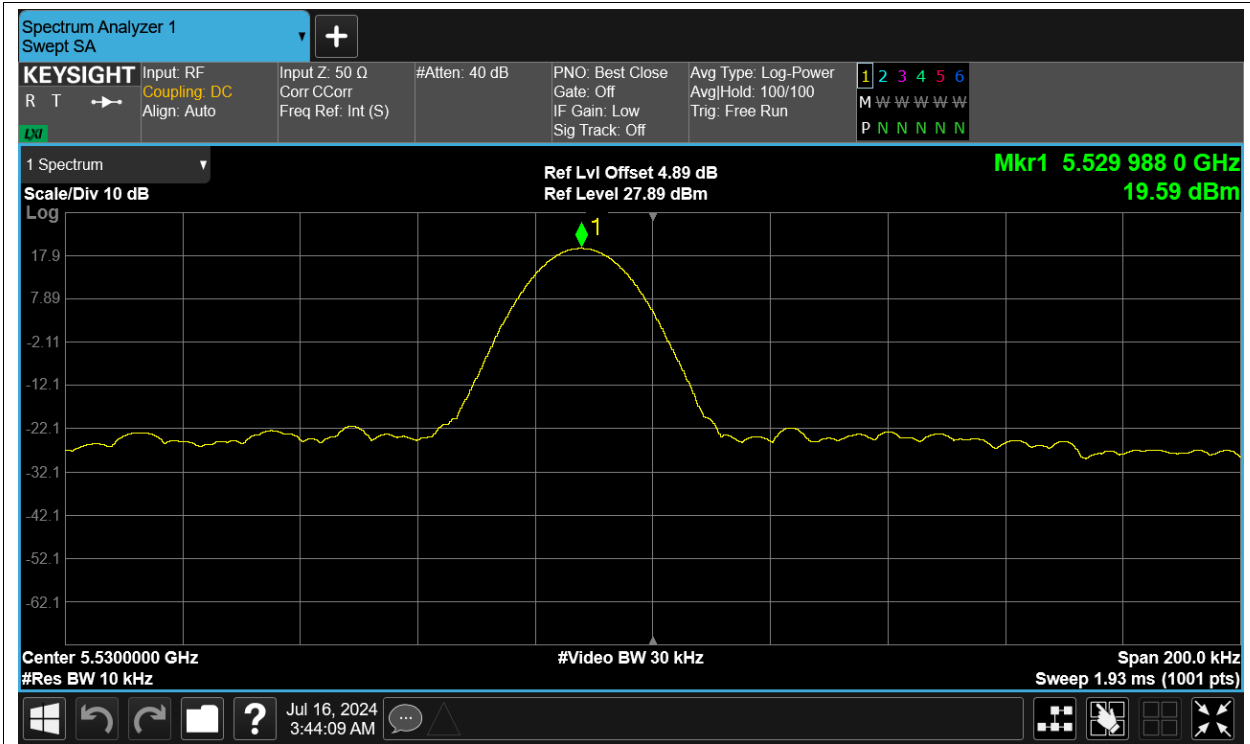
Freq. Stability LVNT ac80 5530MHz Ant14



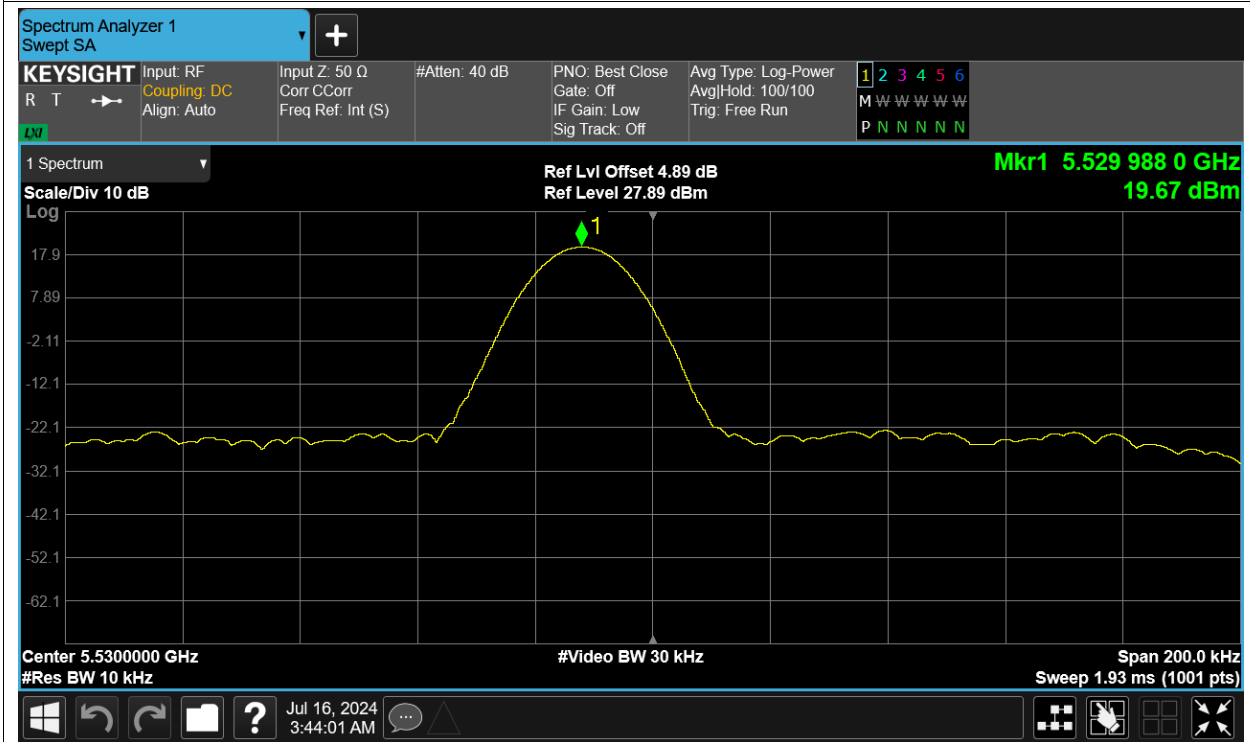
Freq. Stability NVHT ac80 5530MHz Ant14



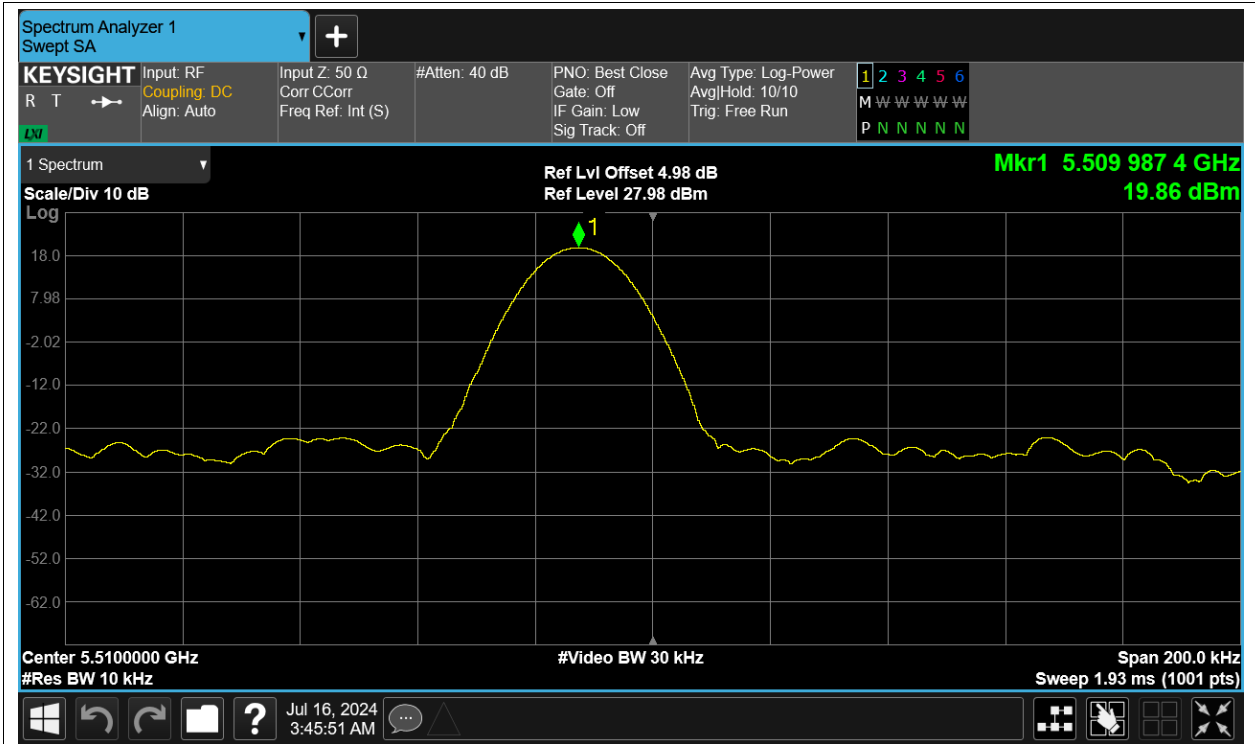
Freq. Stability NVLT ac80 5530MHz Ant14



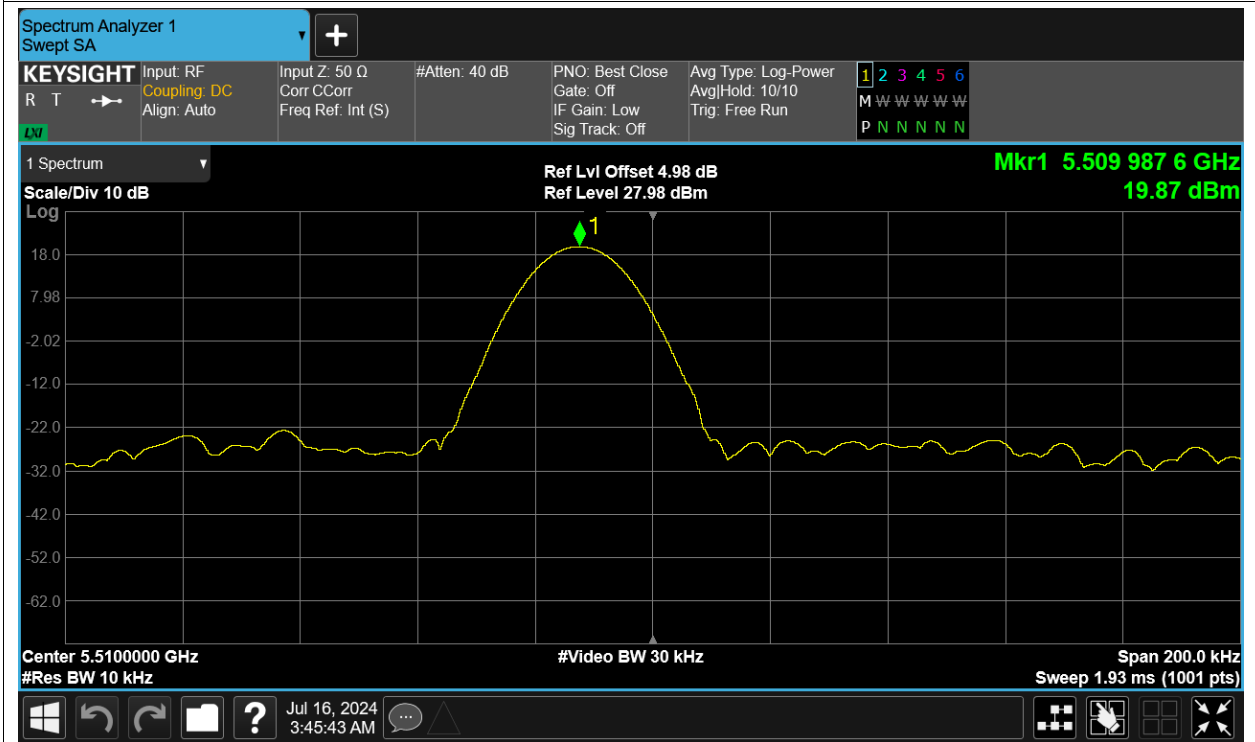
Freq. Stability NVNT ac80 5530MHz Ant14



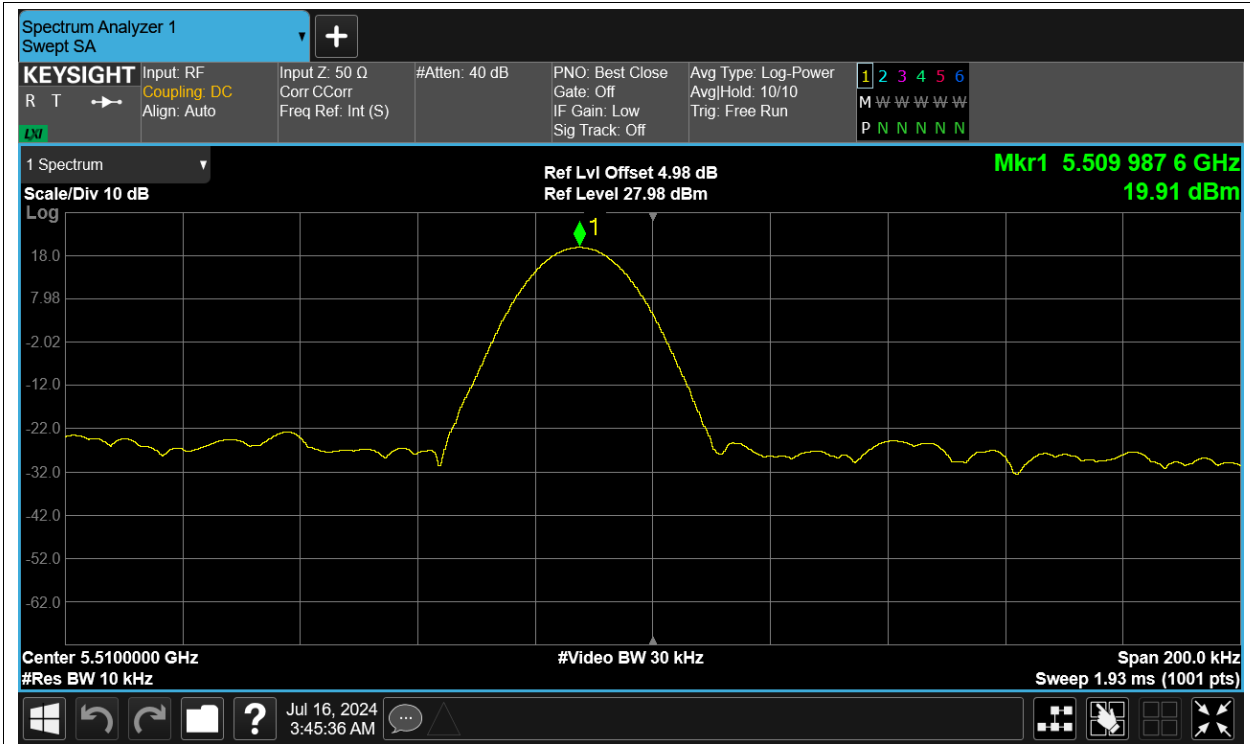
Freq. Stability HVNT n40 5510MHz Ant14



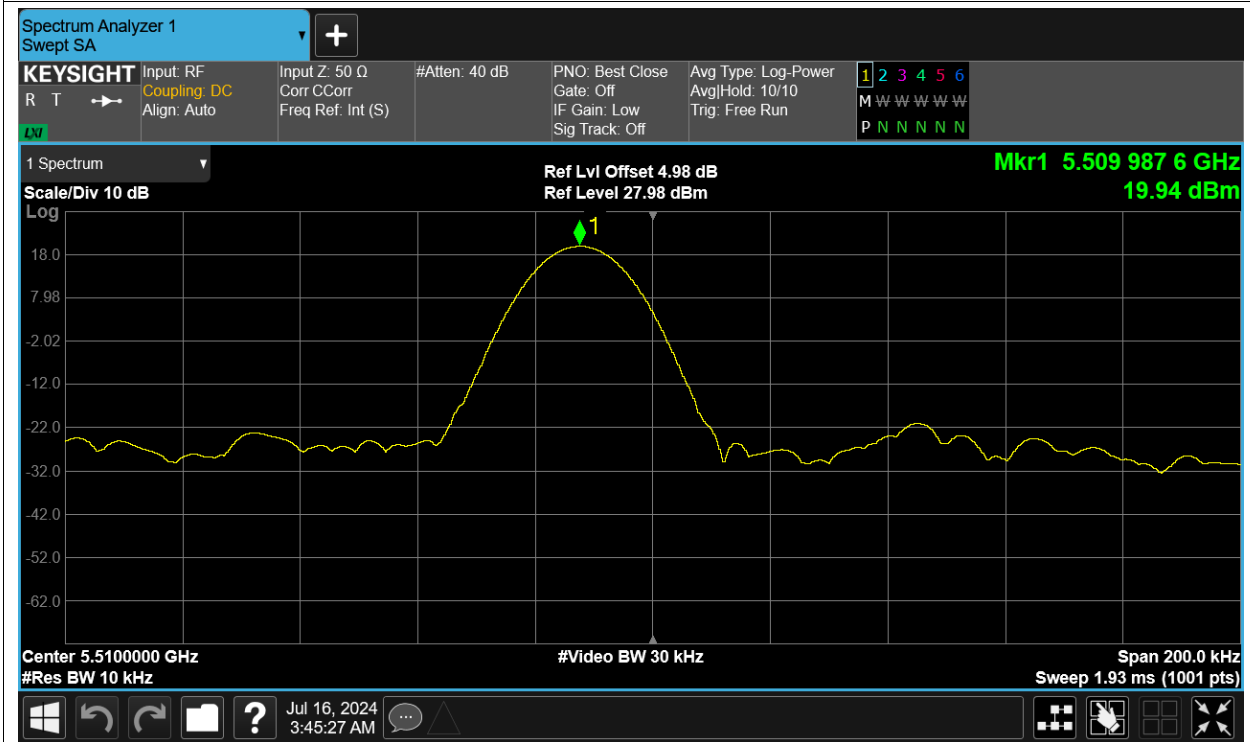
Freq. Stability LVNT n40 5510MHz Ant14



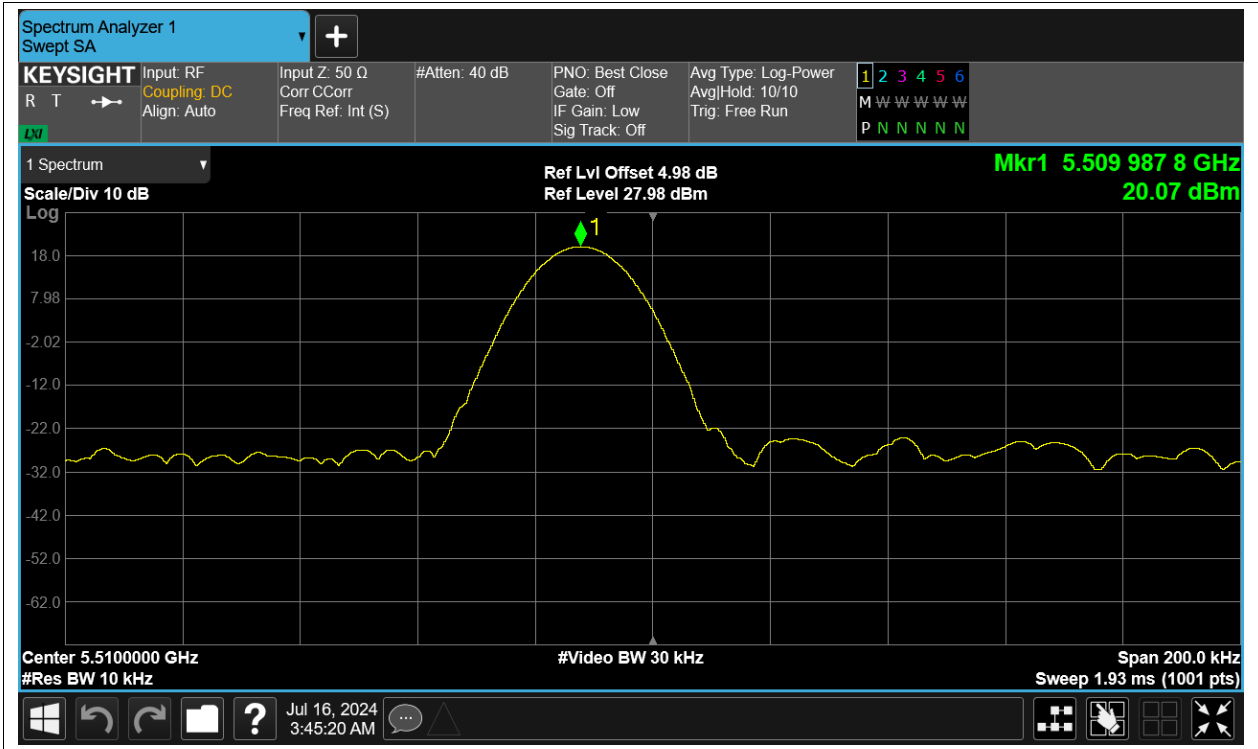
Freq. Stability NVHT n40 5510MHz Ant14



Freq. Stability NVLT n40 5510MHz Ant14



Freq. Stability NVNT n40 5510MHz Ant14

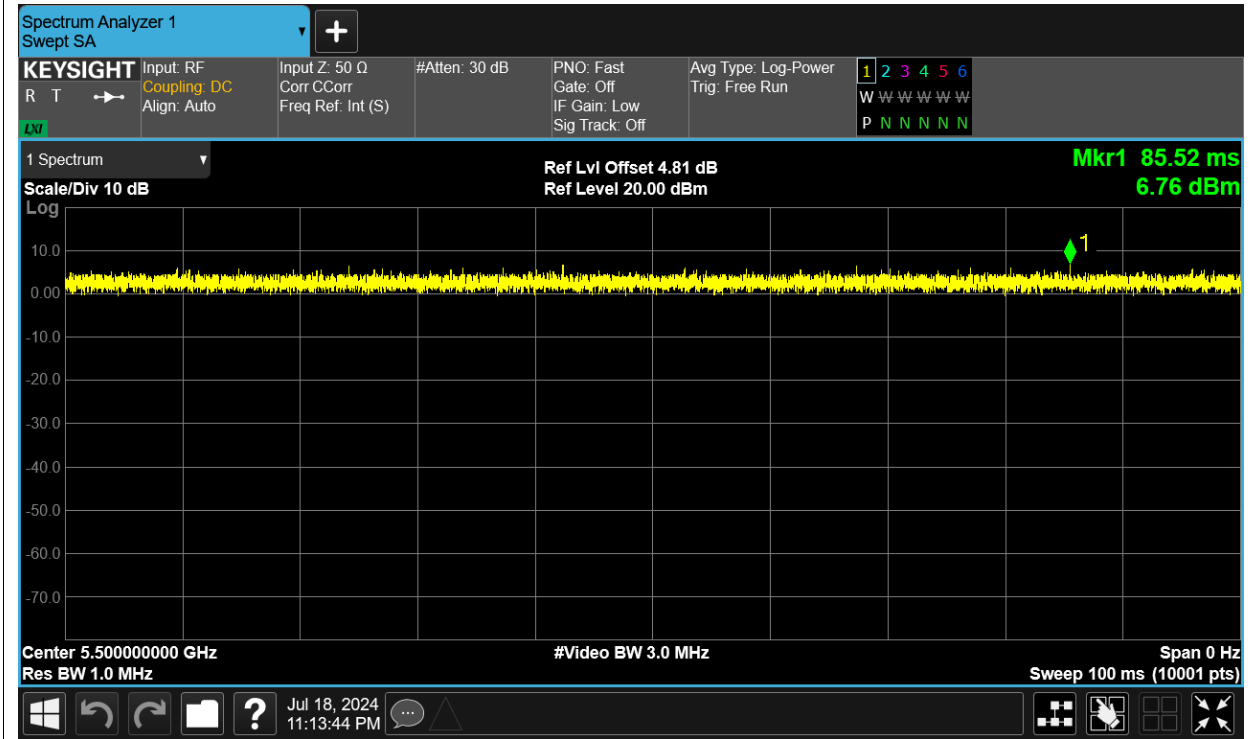


Duty Cycle

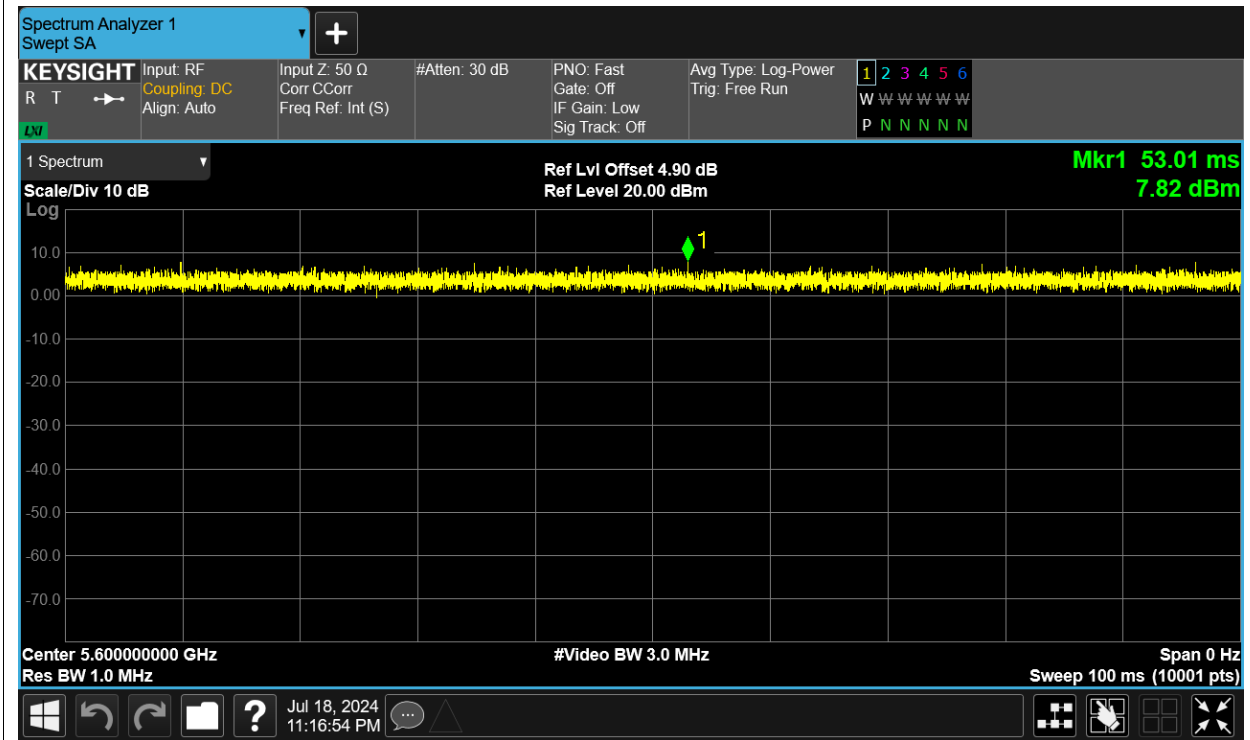
Condition	Mode	Frequency (MHz)	Antenna	Duty Cycle (%)	Correction Factor (dB)
NVNT	a	5500	Ant14	100	0
NVNT	a	5600	Ant14	100	0
NVNT	a	5700	Ant14	100	0
NVNT	ac20	5500	Ant14	100	0
NVNT	ac20	5600	Ant14	100	0
NVNT	ac20	5700	Ant14	100	0
NVNT	ac40	5510	Ant14	100	0
NVNT	ac40	5590	Ant14	100	0
NVNT	ac40	5670	Ant14	100	0
NVNT	ac80	5530	Ant14	100	0
NVNT	ac80	5610	Ant14	100	0
NVNT	n20	5500	Ant14	100	0
NVNT	n20	5600	Ant14	100	0
NVNT	n20	5700	Ant14	100	0
NVNT	n40	5510	Ant14	100	0
NVNT	n40	5590	Ant14	100	0
NVNT	n40	5670	Ant14	100	0

Test Graphs

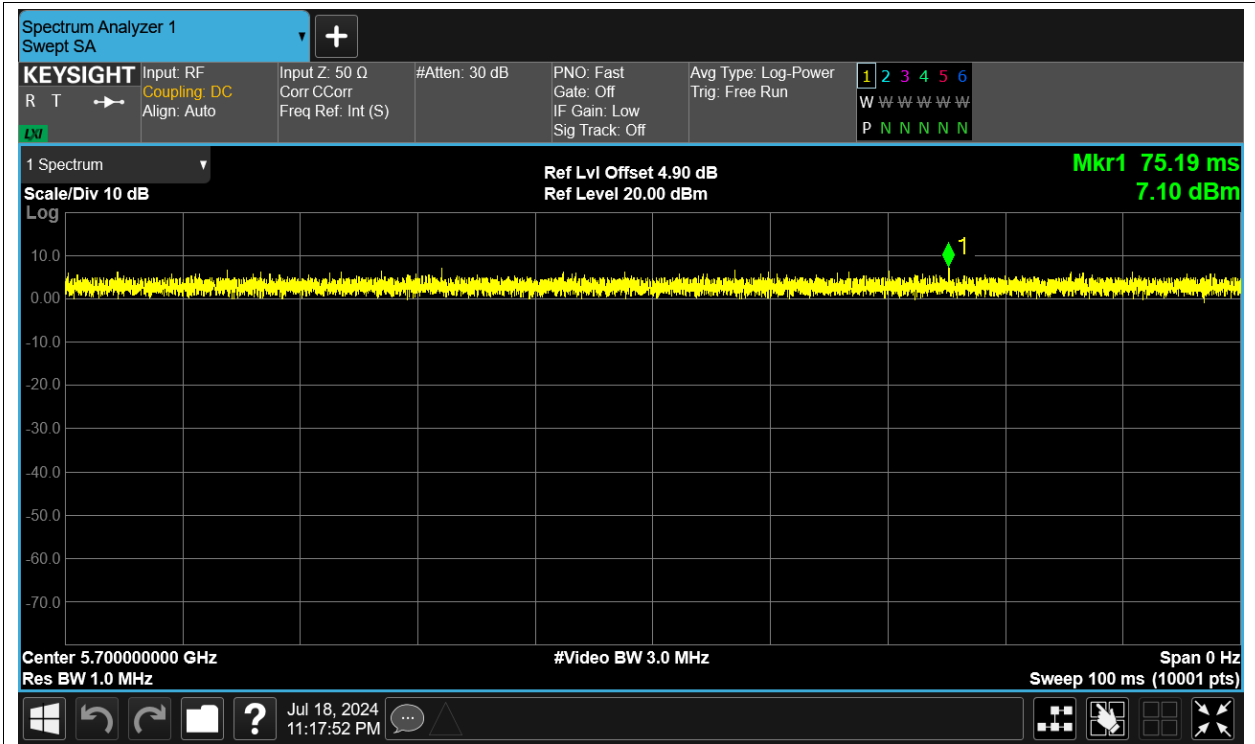
Duty Cycle NVNT a 5500MHz Ant14



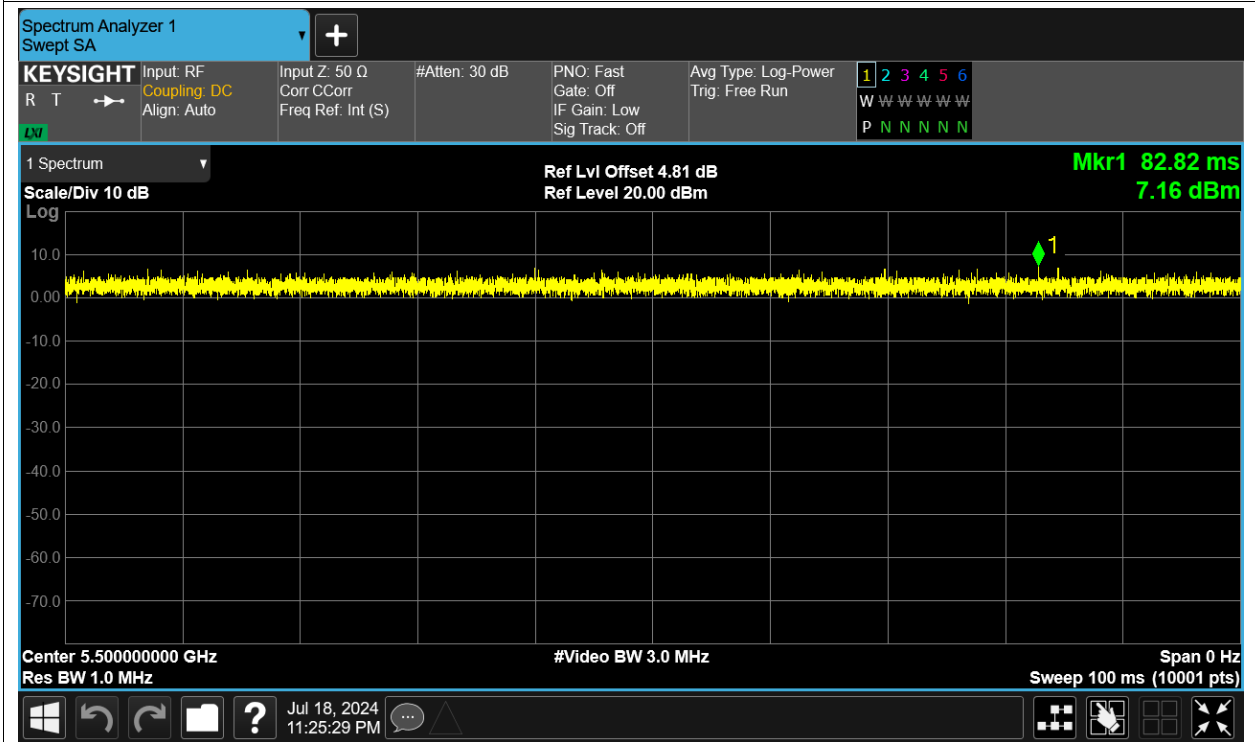
Duty Cycle NVNT a 5600MHz Ant14



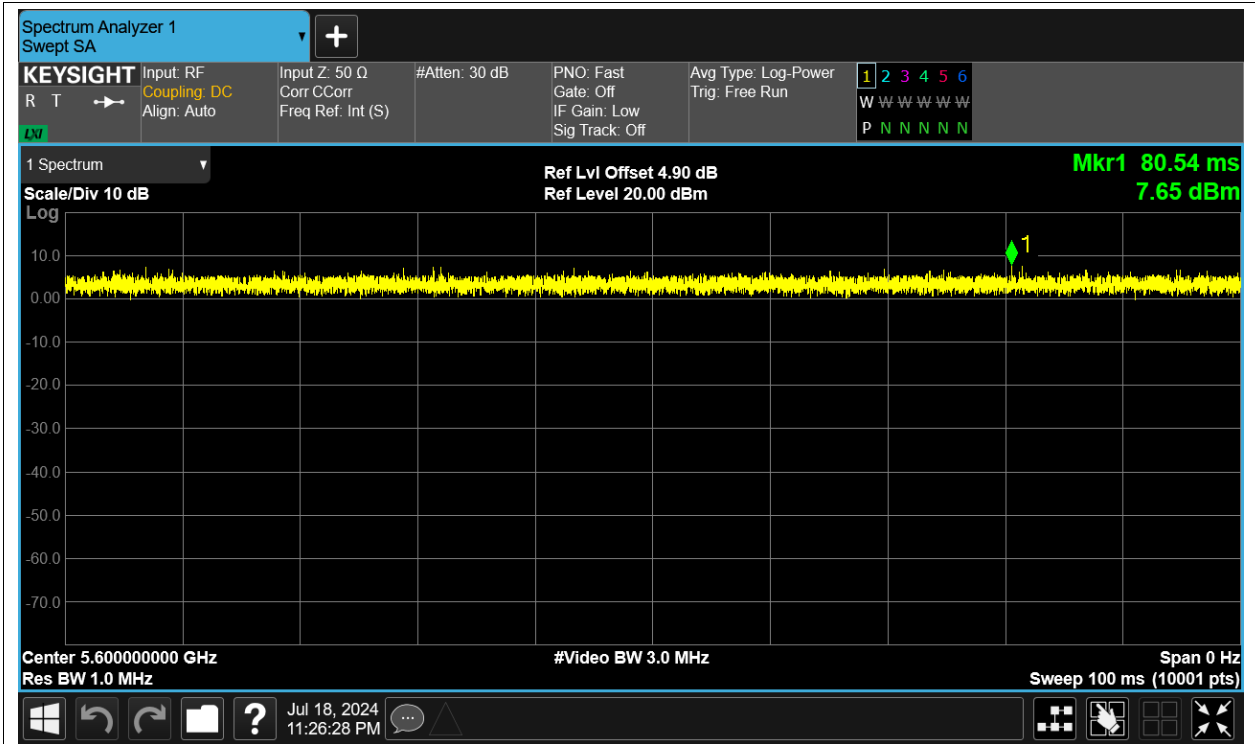
Duty Cycle NVNT a 5700MHz Ant14



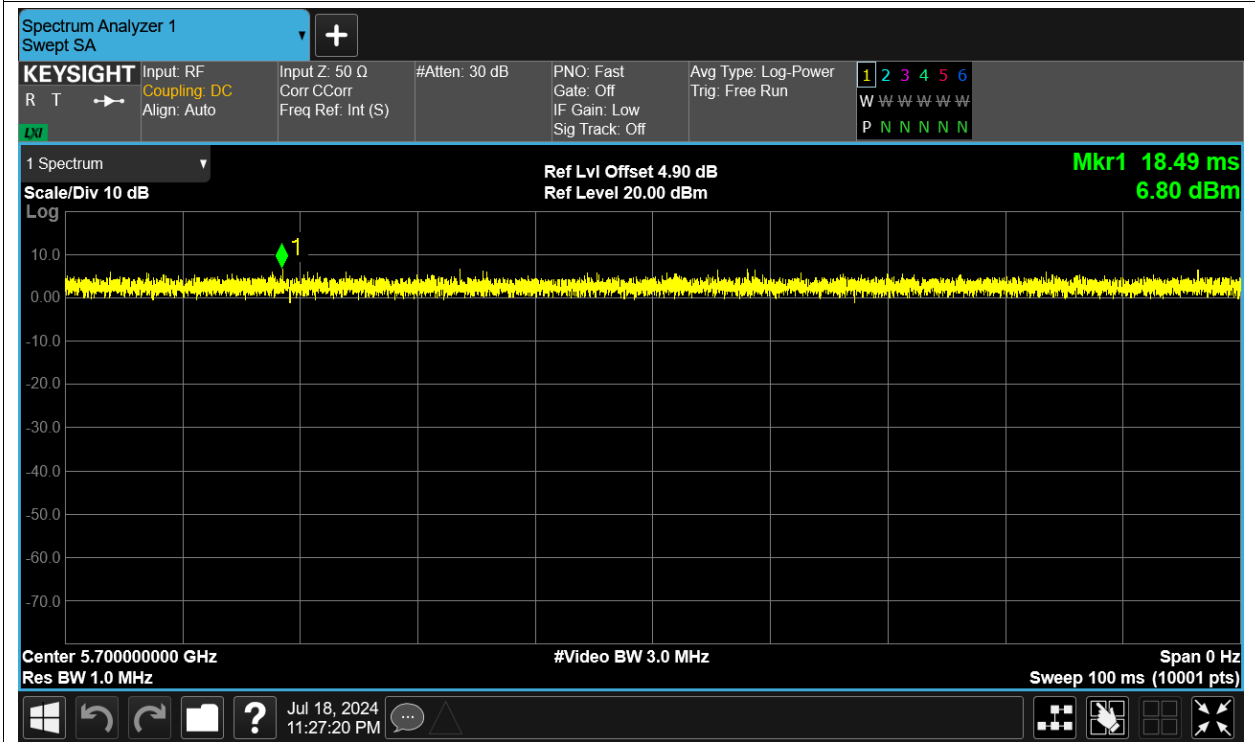
Duty Cycle NVNT ac20 5500MHz Ant14



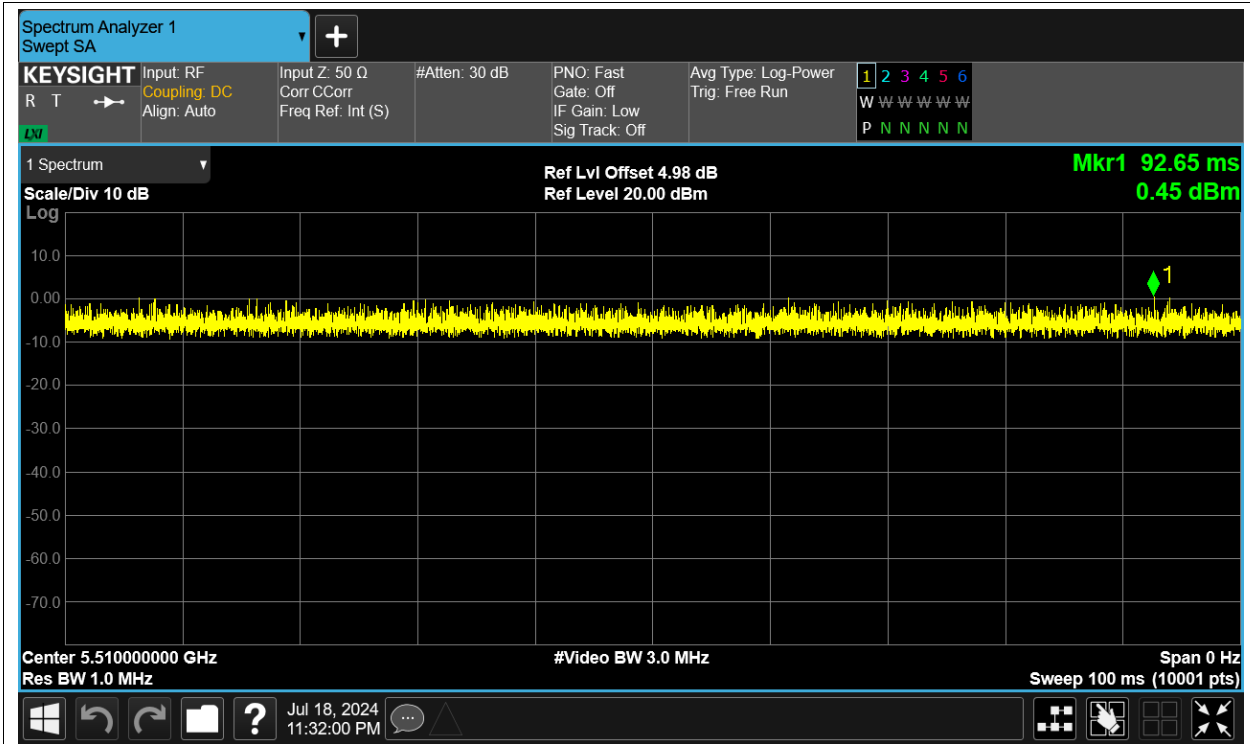
Duty Cycle NVNT ac20 5600MHz Ant14



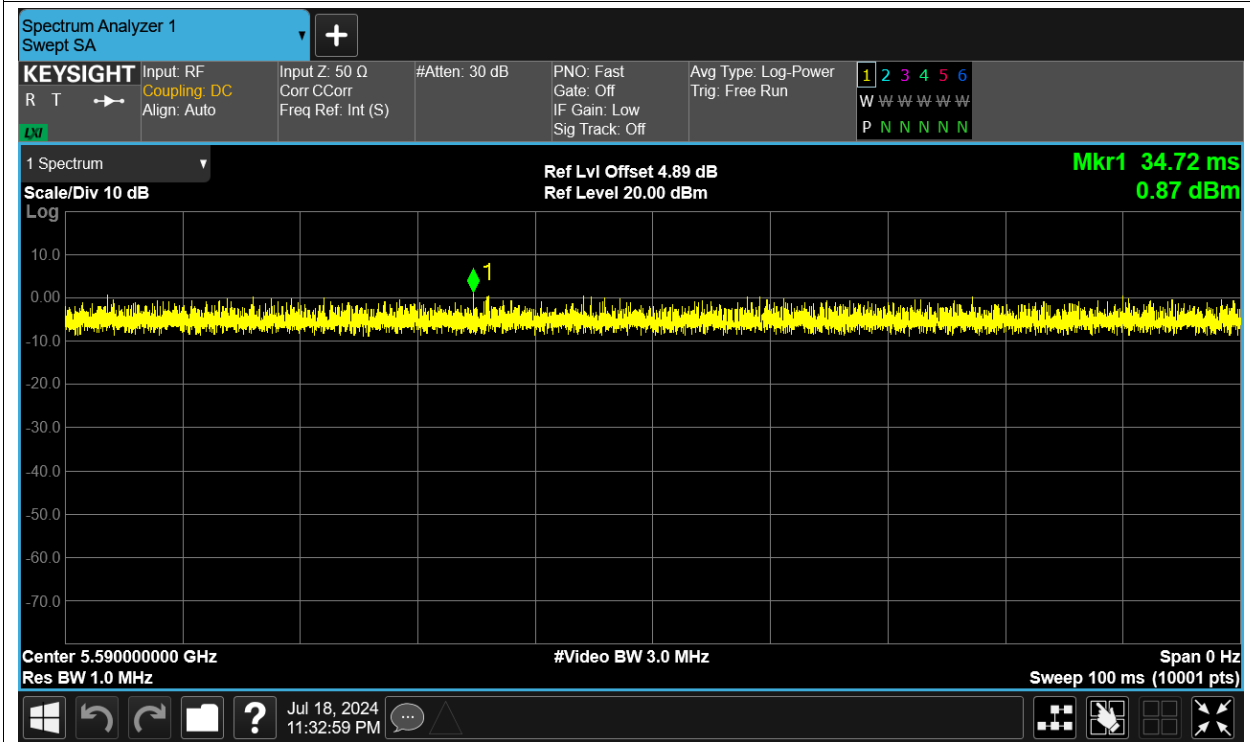
Duty Cycle NVNT ac20 5700MHz Ant14



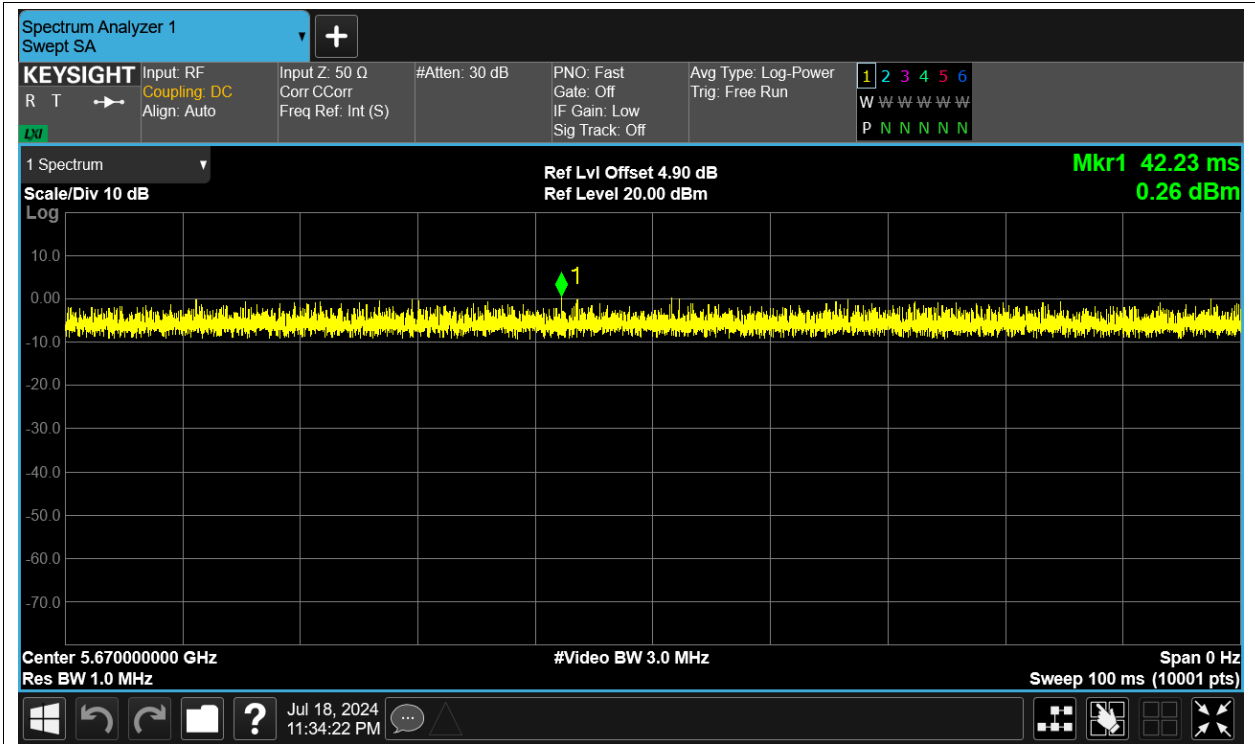
Duty Cycle NVNT ac40 5510MHz Ant14



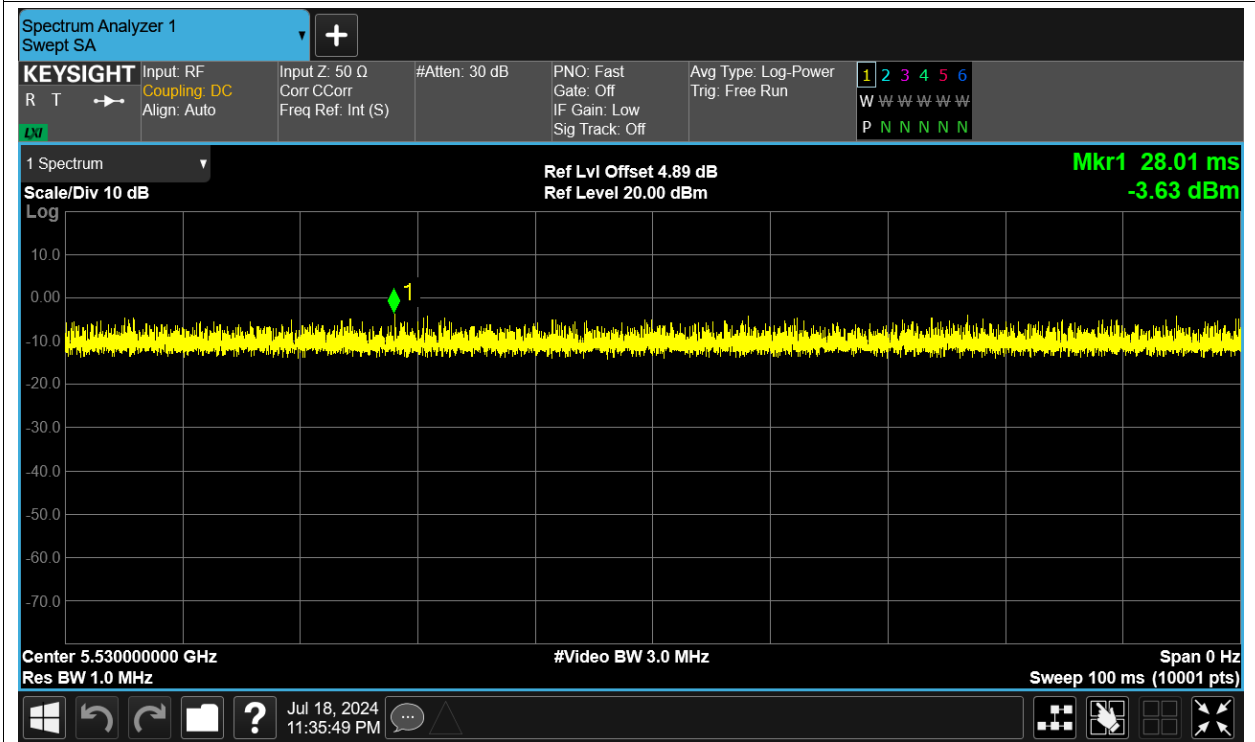
Duty Cycle NVNT ac40 5590MHz Ant14



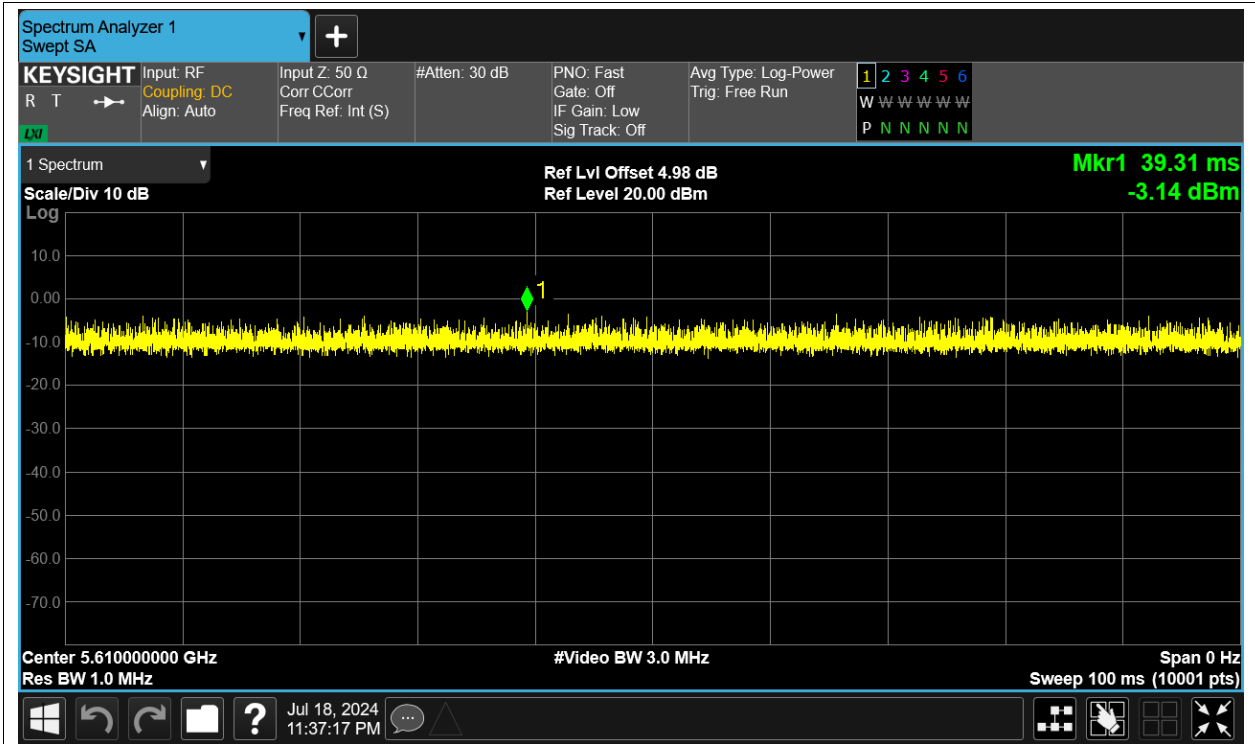
Duty Cycle NVNT ac40 5670MHz Ant14



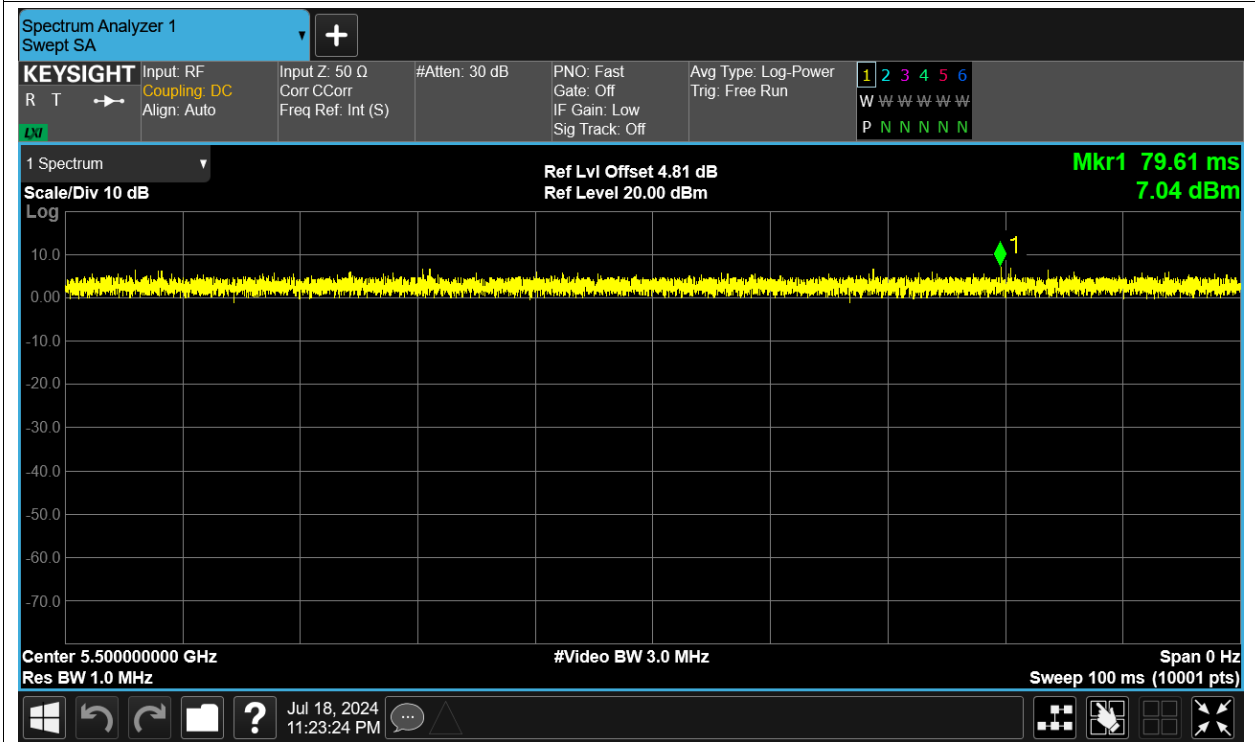
Duty Cycle NVNT ac80 5530MHz Ant14



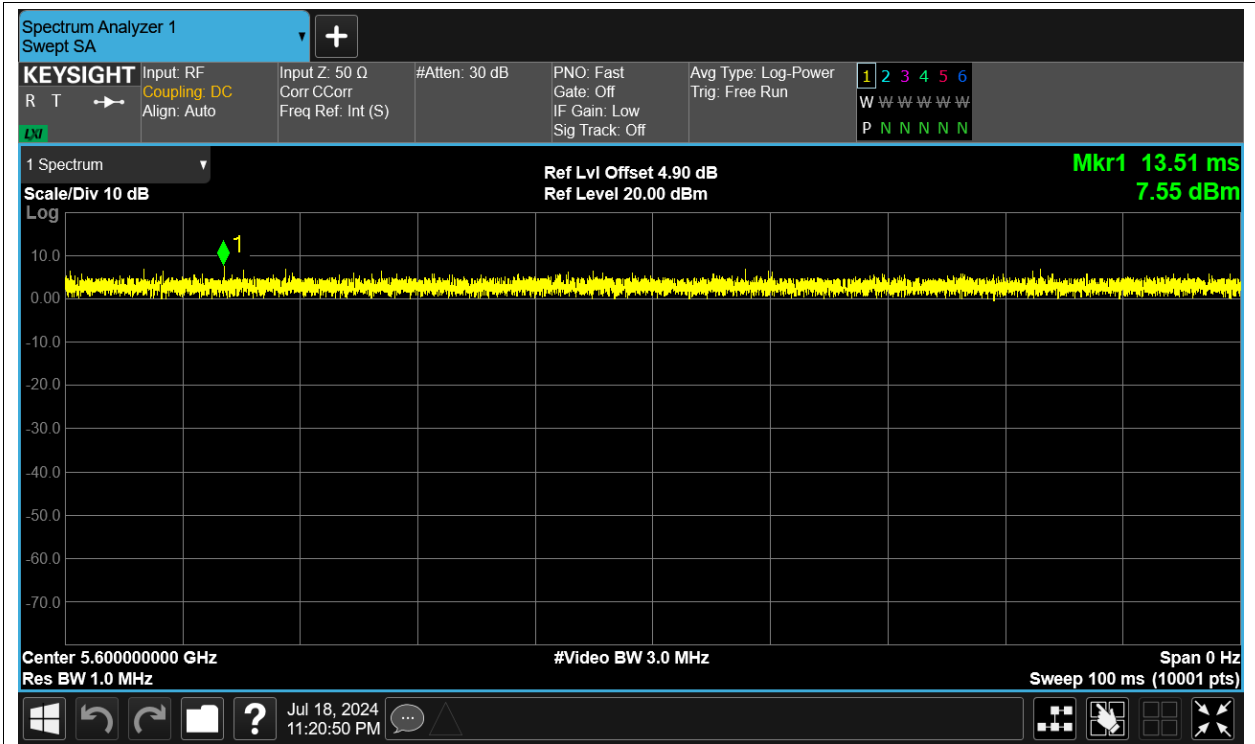
Duty Cycle NVNT ac80 5610MHz Ant14



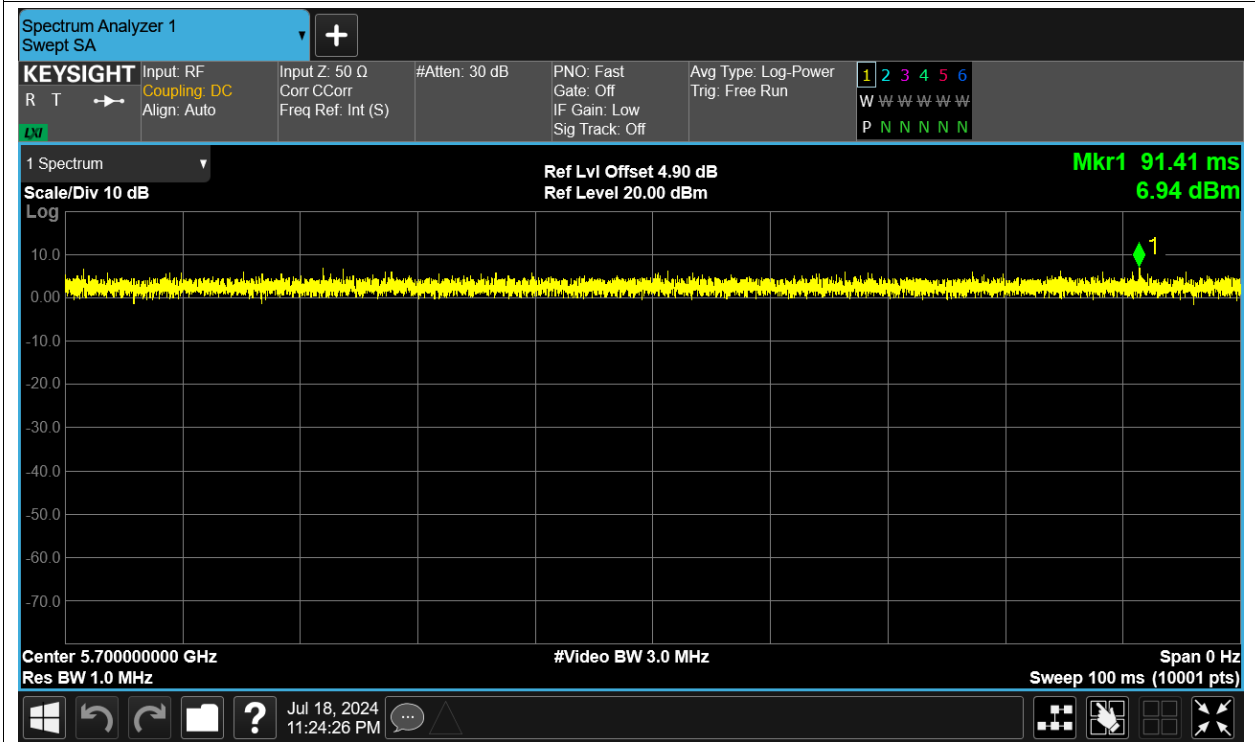
Duty Cycle NVNT n20 5500MHz Ant14



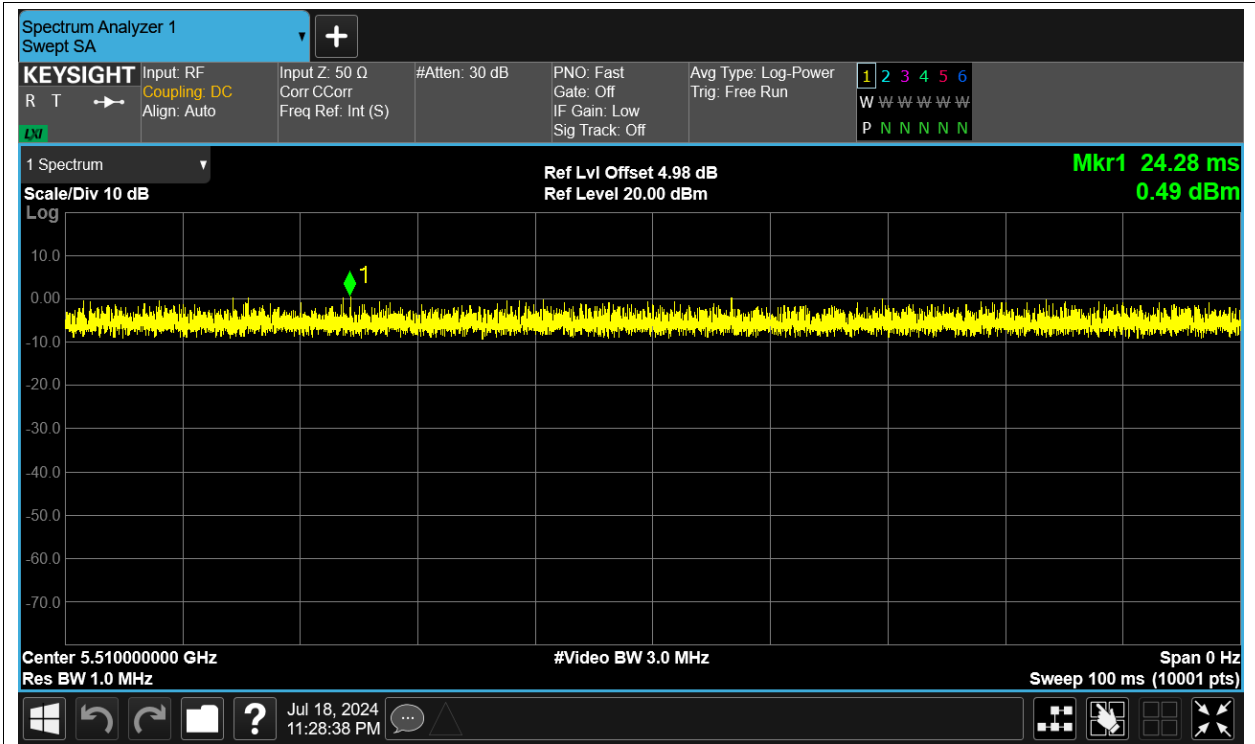
Duty Cycle NVNT n20 5600MHz Ant14



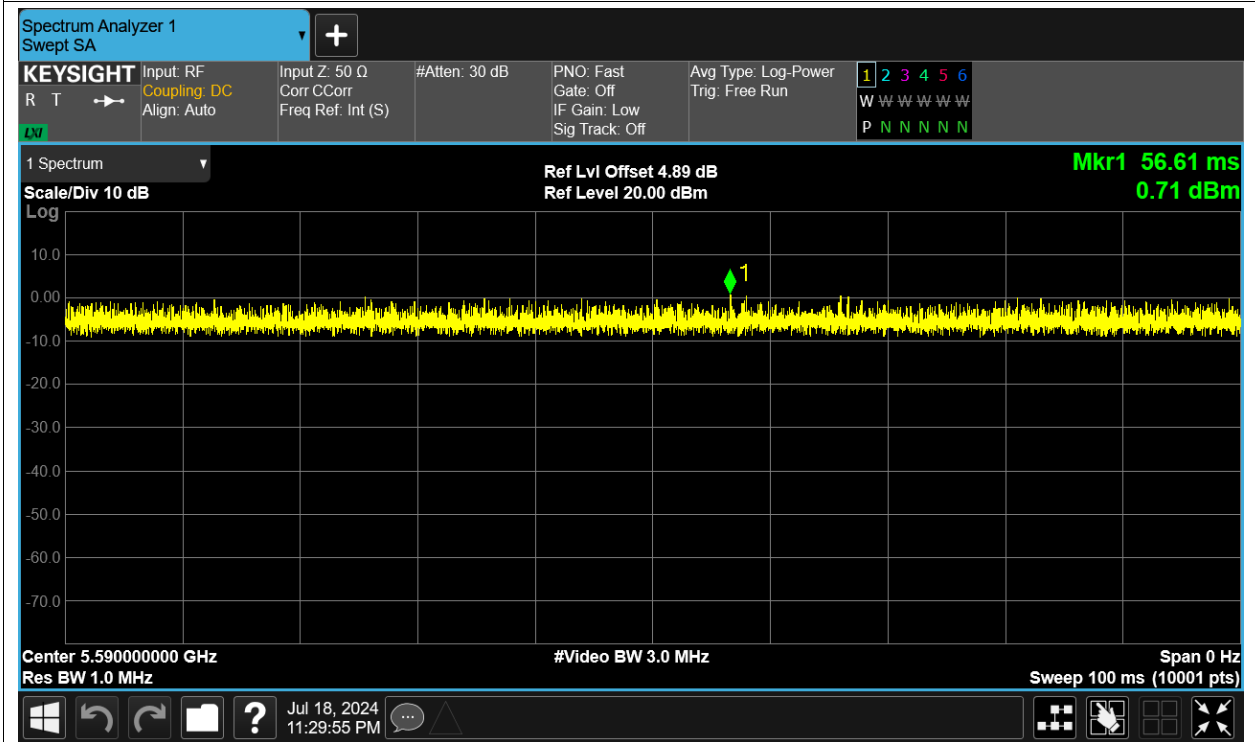
Duty Cycle NVNT n20 5700MHz Ant14



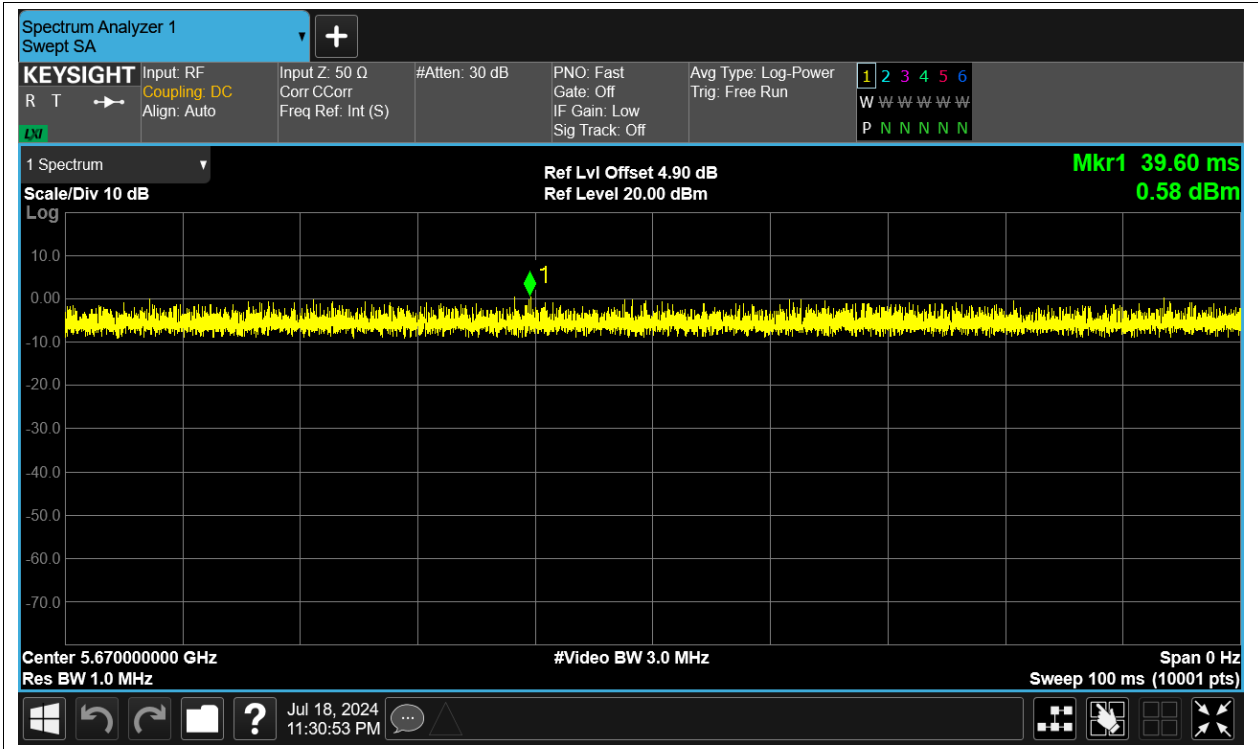
Duty Cycle NVNT n40 5510MHz Ant14



Duty Cycle NVNT n40 5590MHz Ant14



Duty Cycle NVNT n40 5670MHz Ant14



Maximum Conducted Output Power

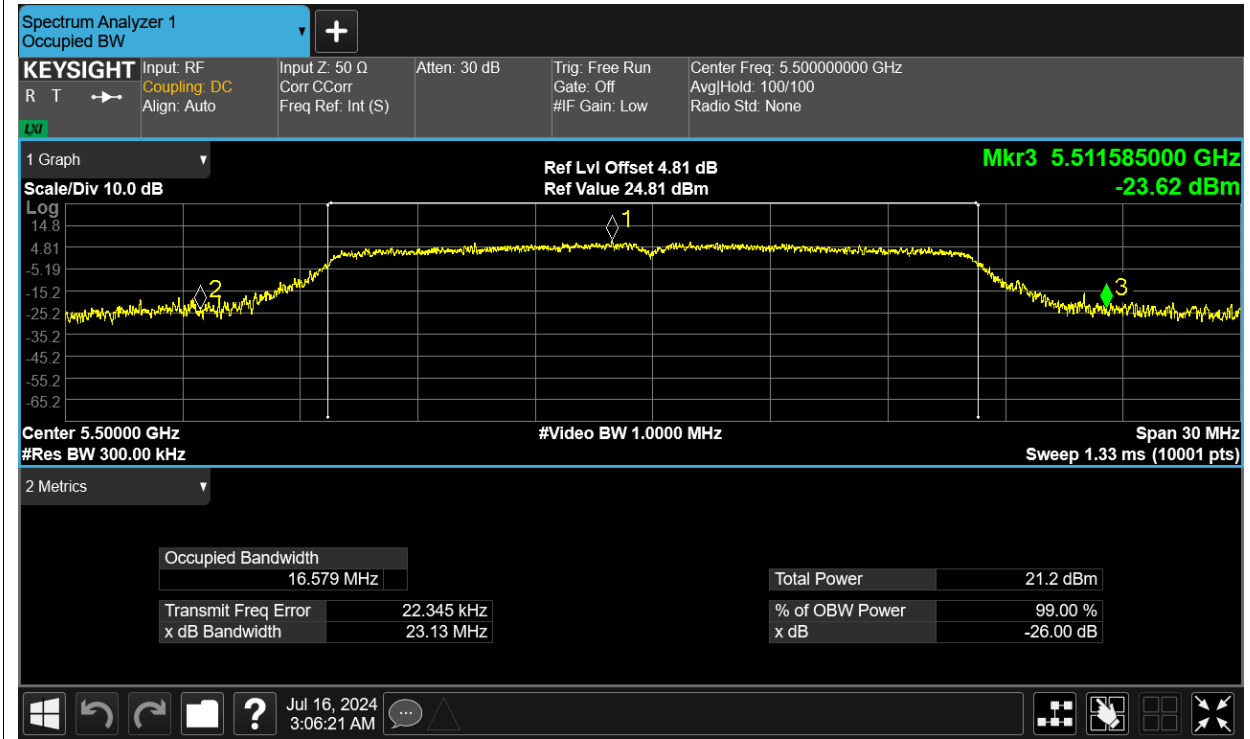
Condition	Mode	Frequency (MHz)	Antenna	Conducted Power (dBm)	Duty Factor (dB)	Total Power (dBm)	Limit (dBm)	Verdict
NVNT	a	5500	Ant14	10.42	0	10.42	24	Pass
NVNT	a	5600	Ant14	10.57	0	10.57	24	Pass
NVNT	a	5700	Ant14	9.92	0	9.92	24	Pass
NVNT	ac20	5500	Ant14	10.89	0	10.89	24	Pass
NVNT	ac20	5600	Ant14	10.47	0	10.47	24	Pass
NVNT	ac20	5700	Ant14	9.74	0	9.74	24	Pass
NVNT	ac40	5510	Ant14	8.71	0	8.71	24	Pass
NVNT	ac40	5590	Ant14	8.59	0	8.59	24	Pass
NVNT	ac40	5670	Ant14	7.81	0	7.81	24	Pass
NVNT	ac80	5530	Ant14	7.08	0	7.08	24	Pass
NVNT	ac80	5610	Ant14	7.03	0	7.03	24	Pass
NVNT	n20	5500	Ant14	10.85	0	10.85	24	Pass
NVNT	n20	5600	Ant14	10.09	0	10.09	24	Pass
NVNT	n20	5700	Ant14	9.74	0	9.74	24	Pass
NVNT	n40	5510	Ant14	8.8	0	8.8	24	Pass
NVNT	n40	5590	Ant14	8.34	0	8.34	24	Pass
NVNT	n40	5670	Ant14	7.9	0	7.9	24	Pass

-26dB Bandwidth

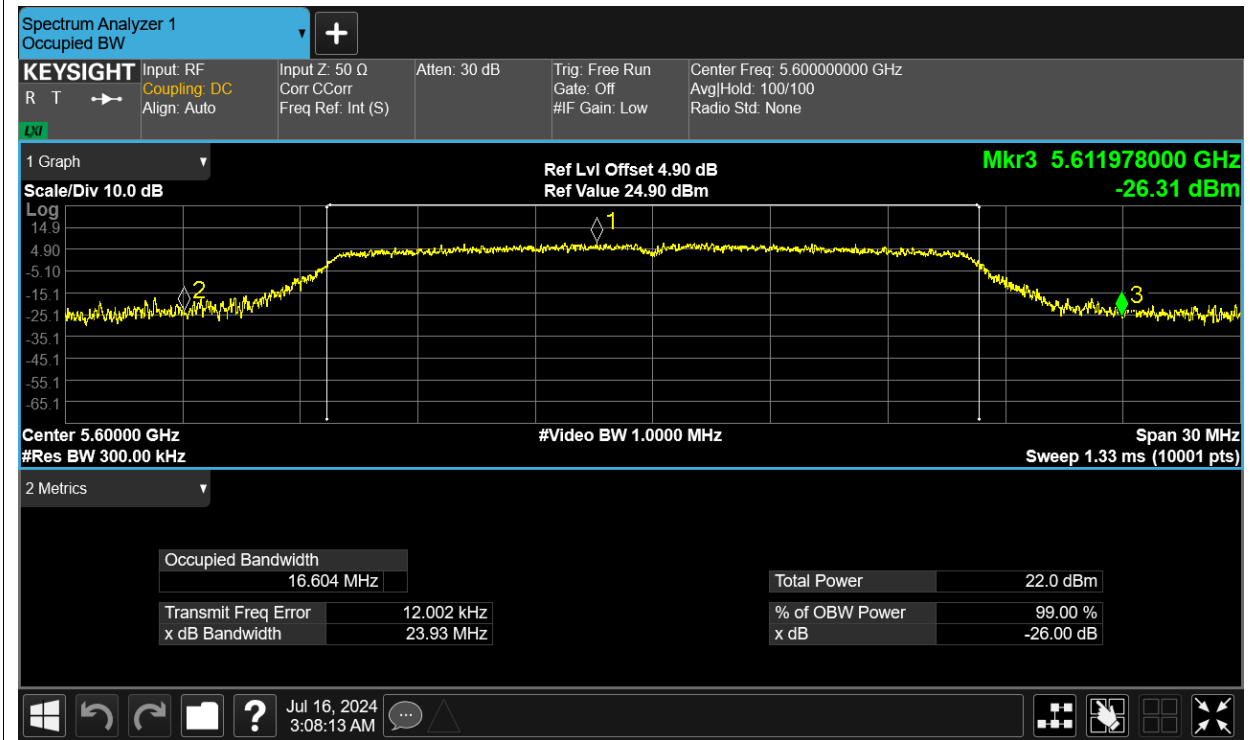
Condition	Mode	Frequency (MHz)	Antenna	-26 dB Bandwidth (MHz)
NVNT	a	5500	Ant14	23.126
NVNT	a	5600	Ant14	23.933
NVNT	a	5700	Ant14	25.347
NVNT	ac20	5500	Ant14	20.546
NVNT	ac20	5600	Ant14	21.327
NVNT	ac20	5700	Ant14	20.452
NVNT	ac40	5510	Ant14	39.782
NVNT	ac40	5590	Ant14	39.453
NVNT	ac40	5670	Ant14	39.663
NVNT	ac80	5530	Ant14	78.698
NVNT	ac80	5610	Ant14	79.449
NVNT	n20	5500	Ant14	27.152
NVNT	n20	5600	Ant14	23.043
NVNT	n20	5700	Ant14	23.172
NVNT	n40	5510	Ant14	39.914
NVNT	n40	5590	Ant14	39.374
NVNT	n40	5670	Ant14	39.459

Test Graphs

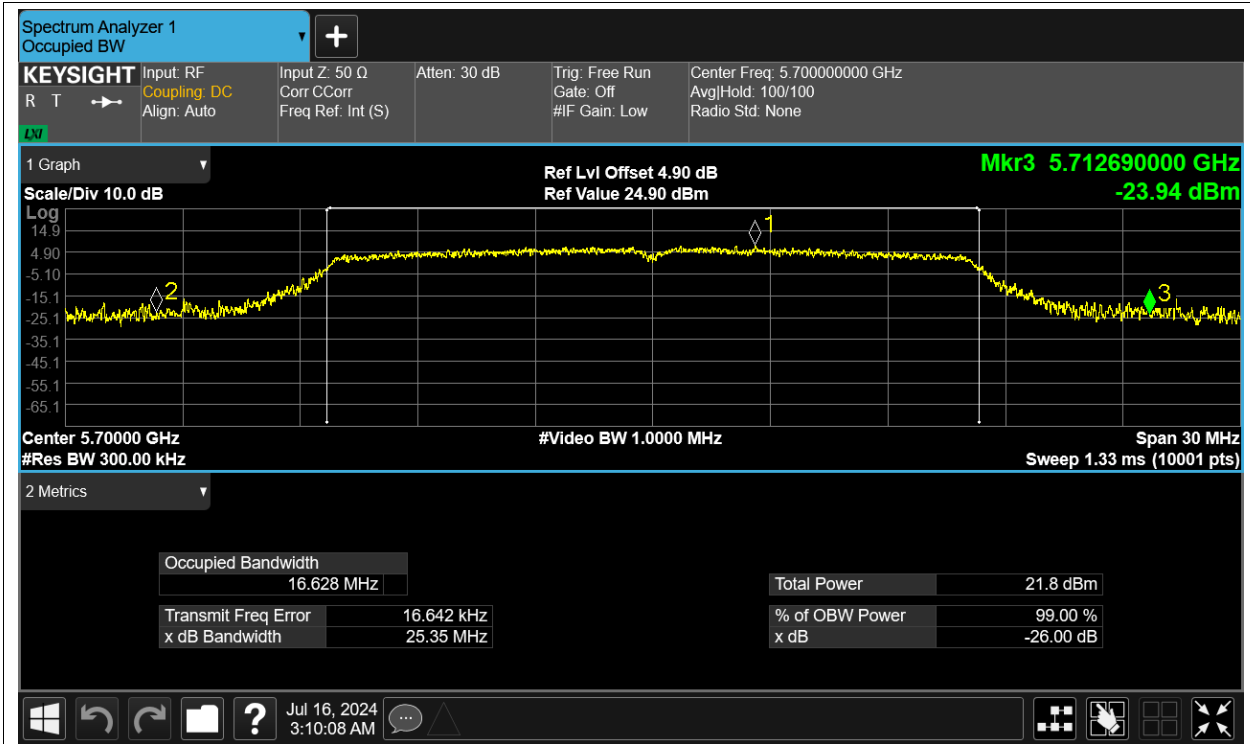
-26dB Bandwidth NVNT a 5500MHz Ant14



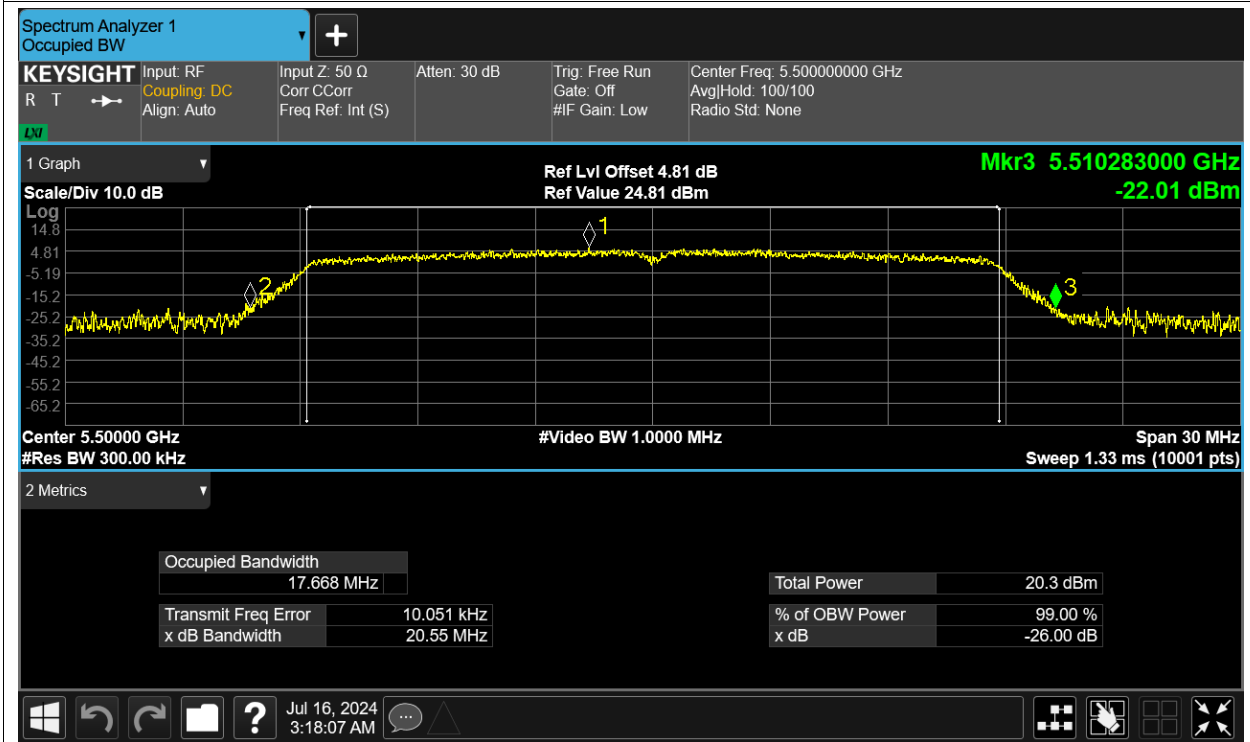
-26dB Bandwidth NVNT a 5600MHz Ant14



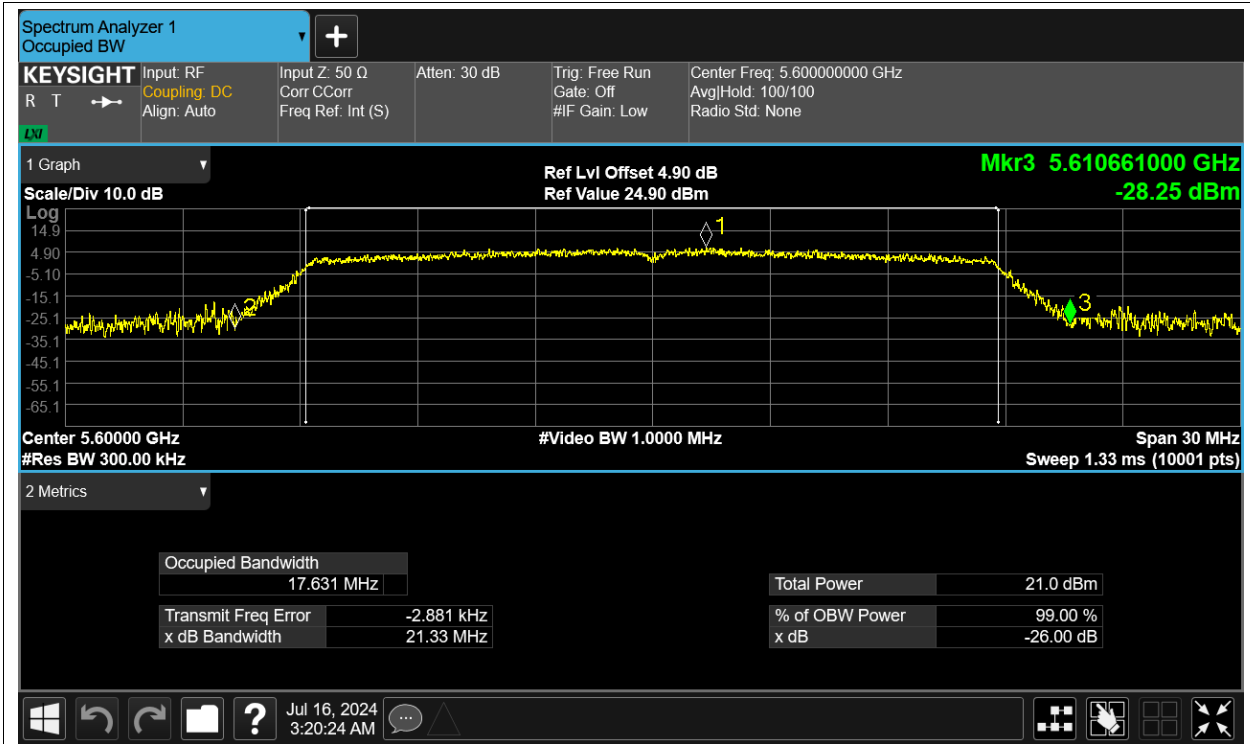
-26dB Bandwidth NVNT a 5700MHz Ant14



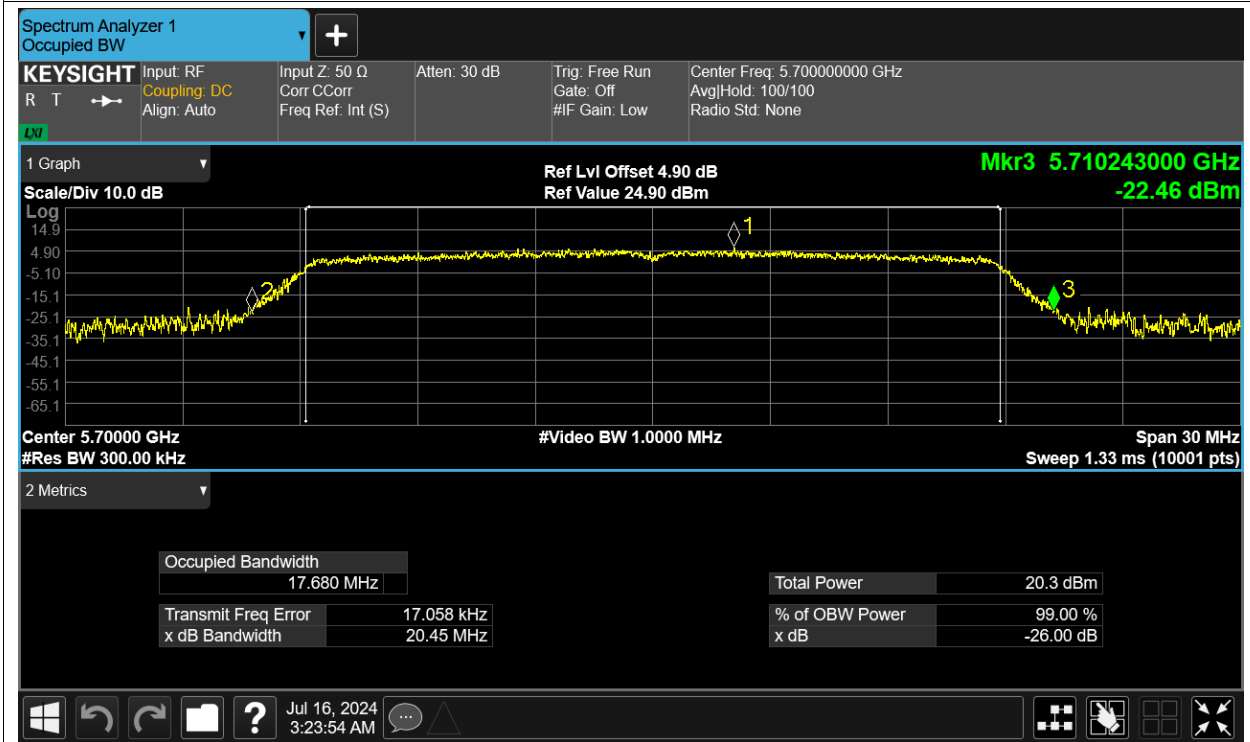
-26dB Bandwidth NVNT ac20 5500MHz Ant14



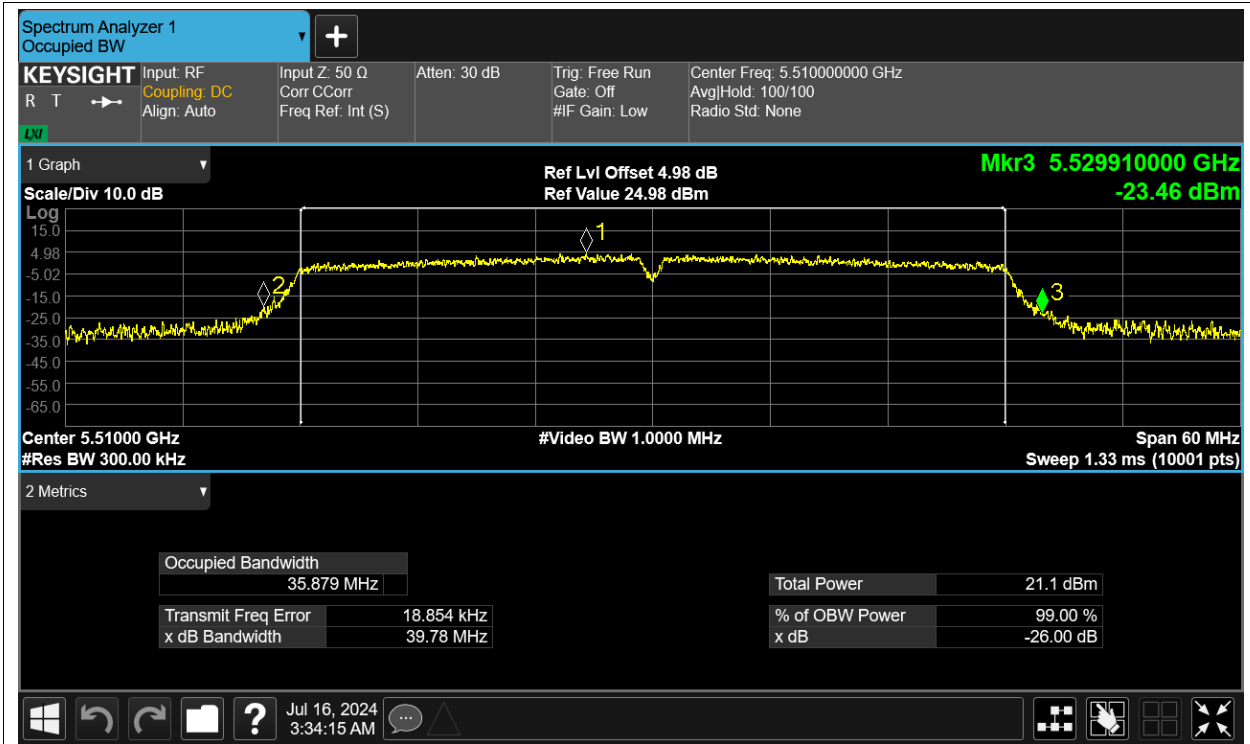
-26dB Bandwidth NVNT ac20 5600MHz Ant14



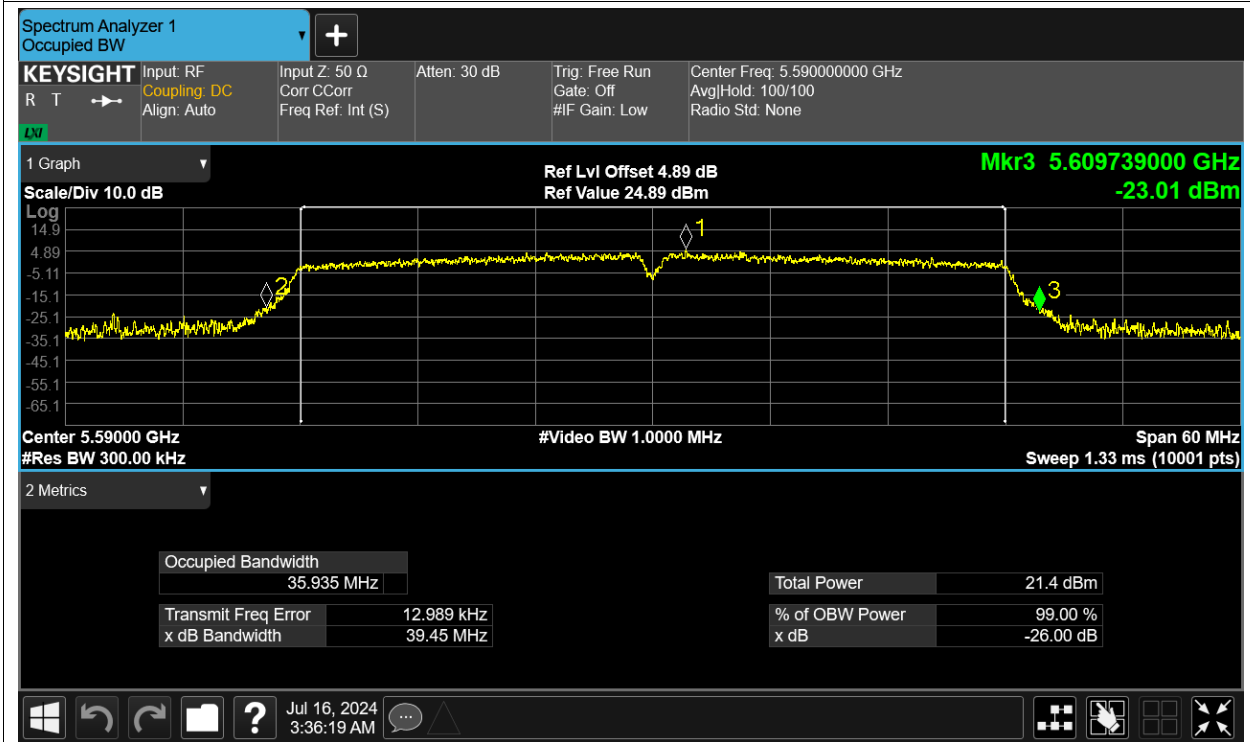
-26dB Bandwidth NVNT ac20 5700MHz Ant14



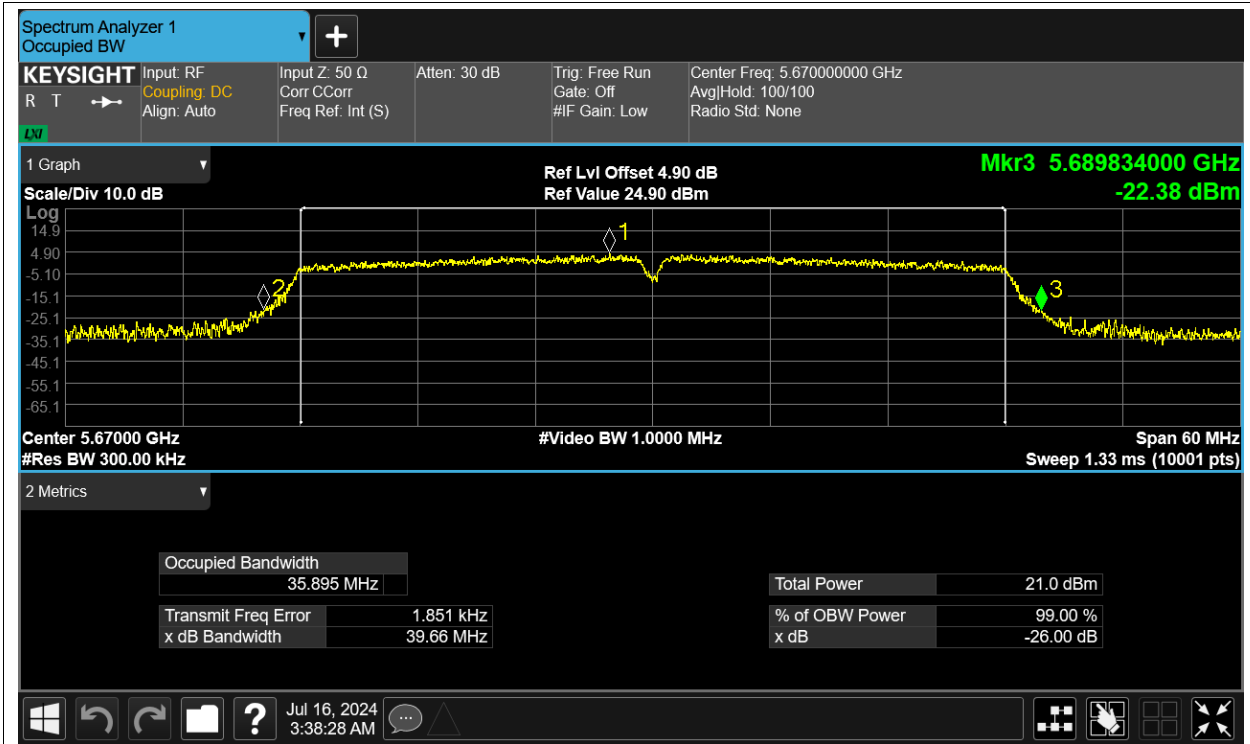
-26dB Bandwidth NVNT ac40 5510MHz Ant14



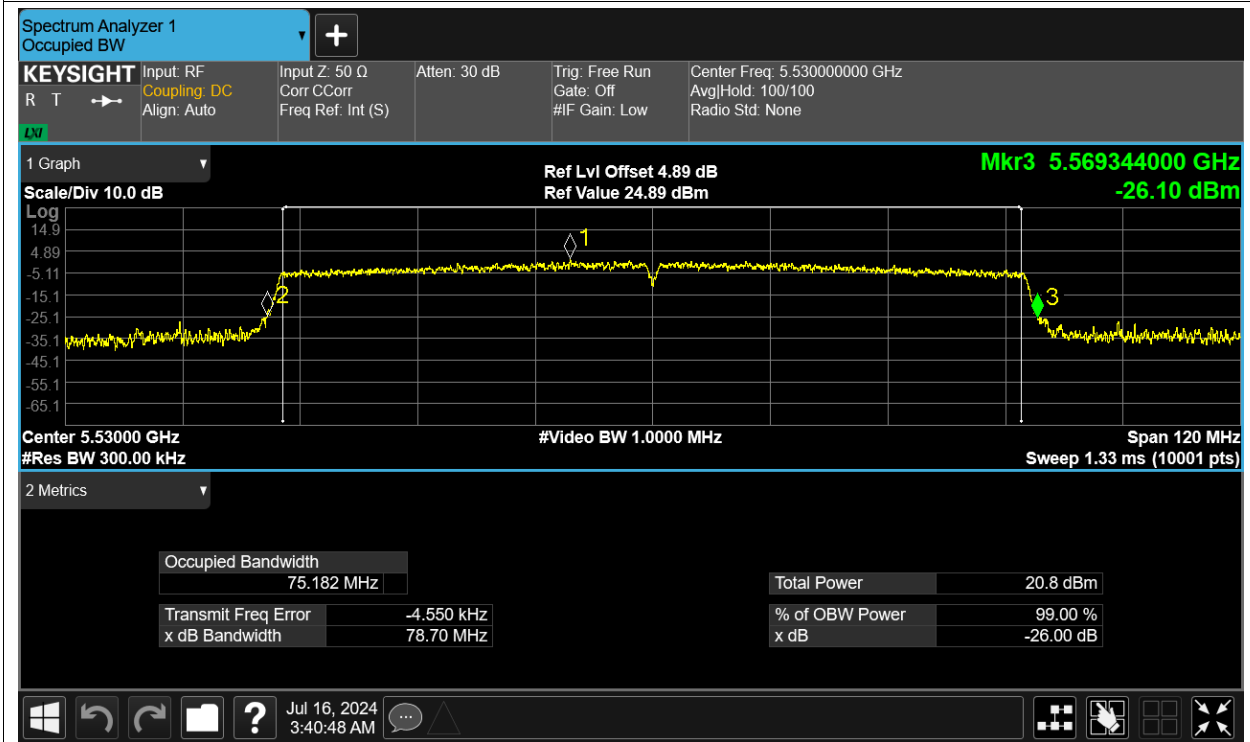
-26dB Bandwidth NVNT ac40 5590MHz Ant14



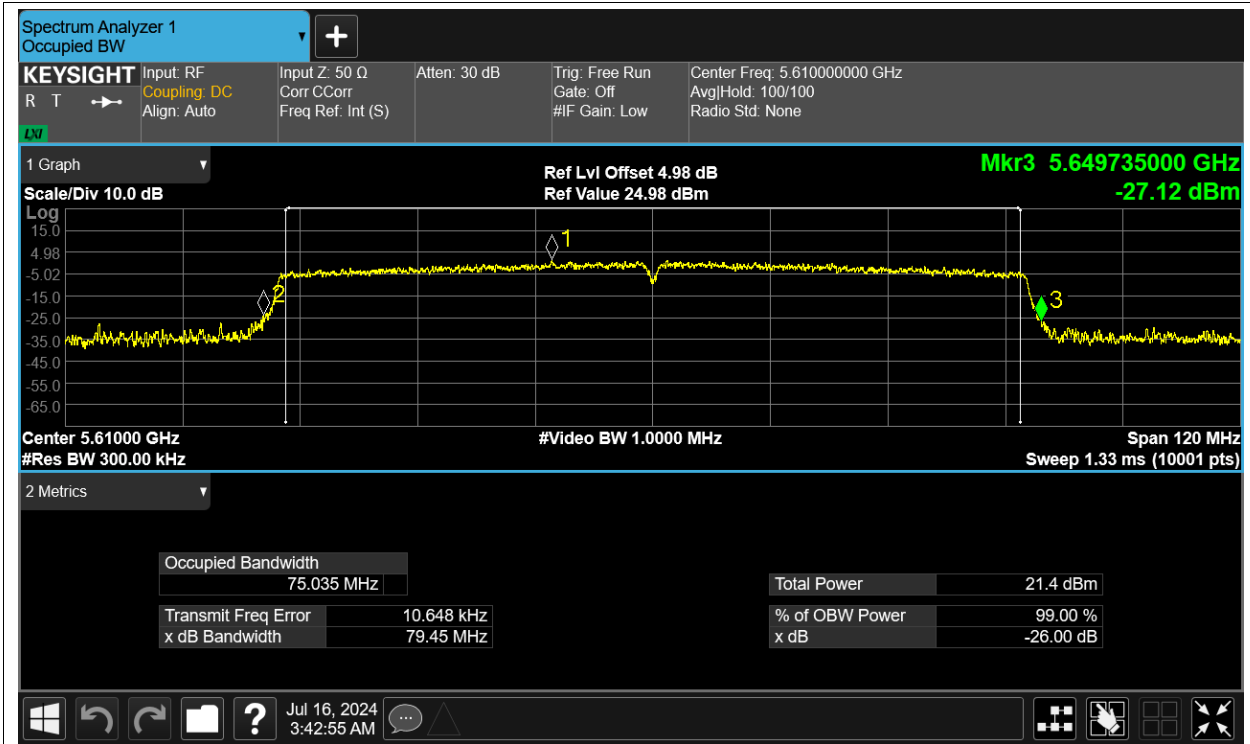
-26dB Bandwidth NVNT ac40 5670MHz Ant14



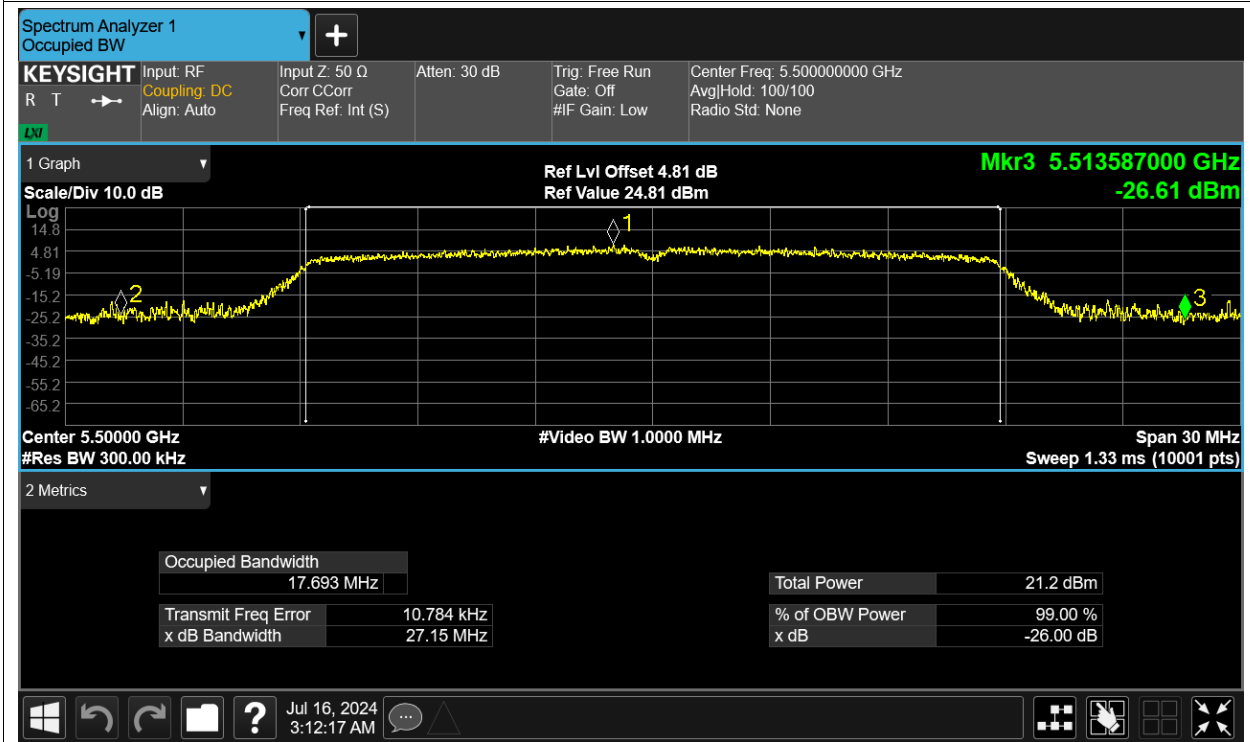
-26dB Bandwidth NVNT ac80 5530MHz Ant14



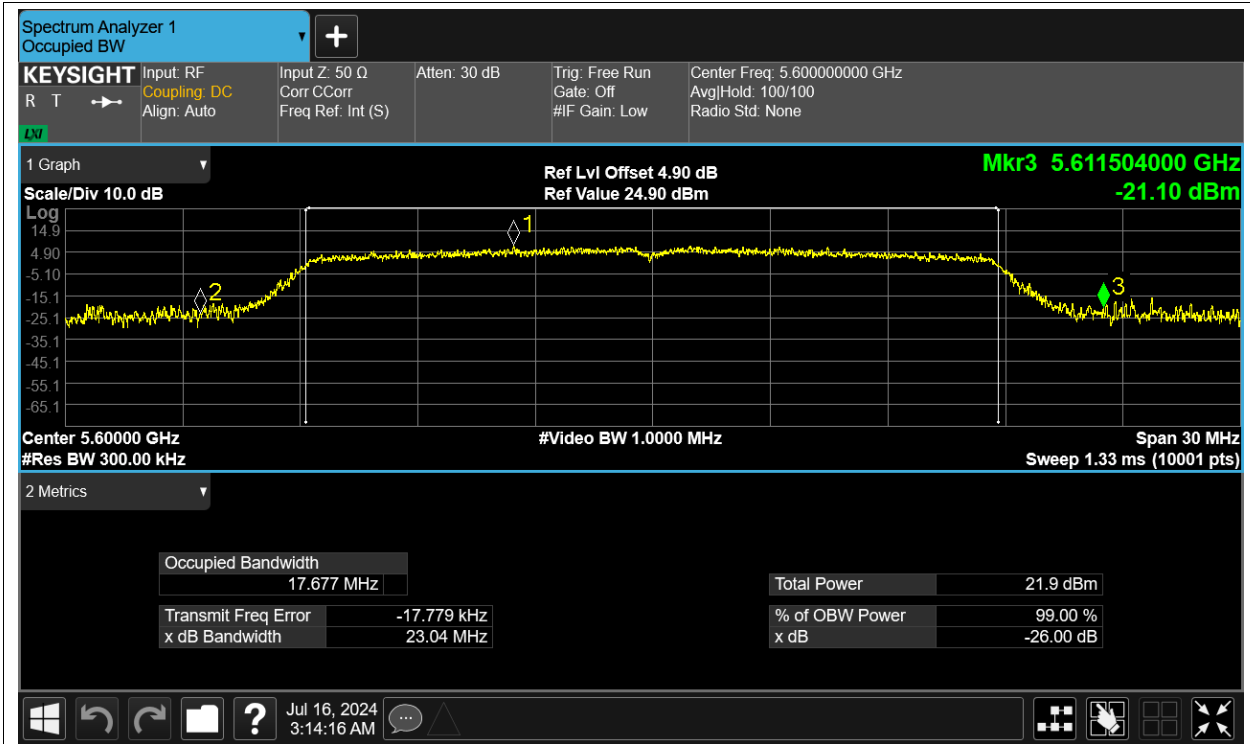
-26dB Bandwidth NVNT ac80 5610MHz Ant14



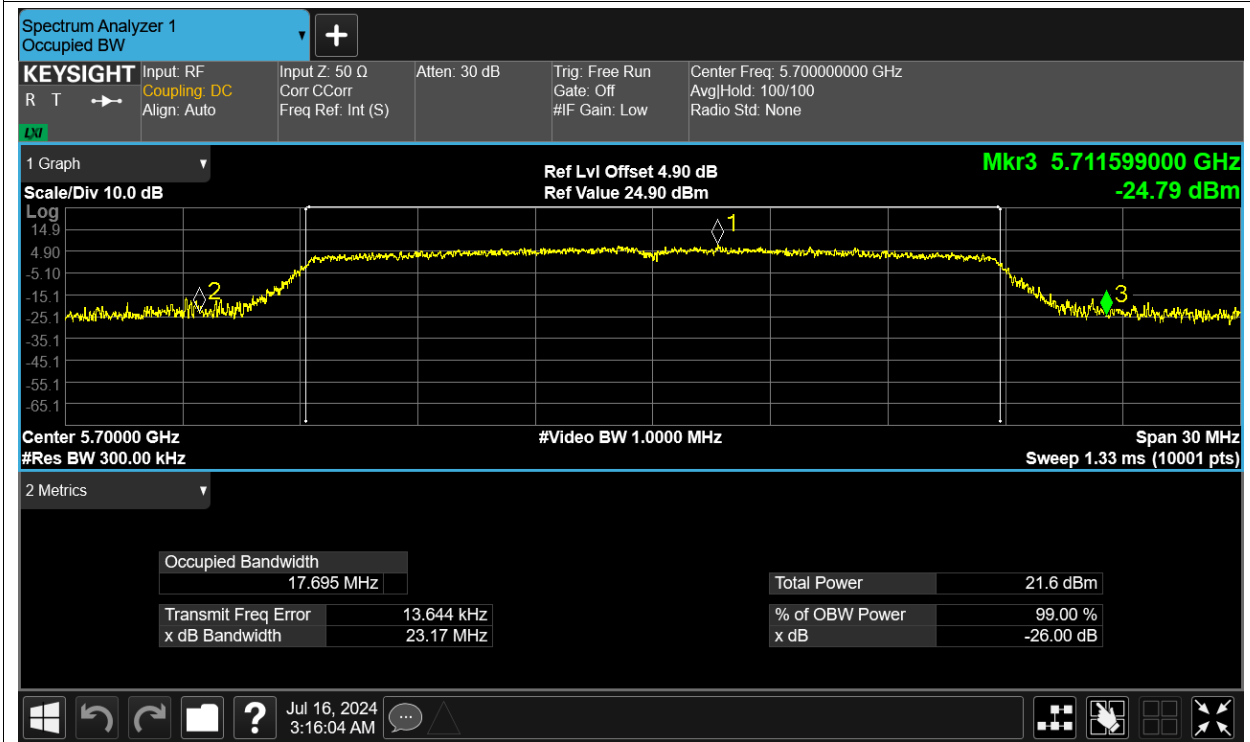
-26dB Bandwidth NVNT n20 5500MHz Ant14



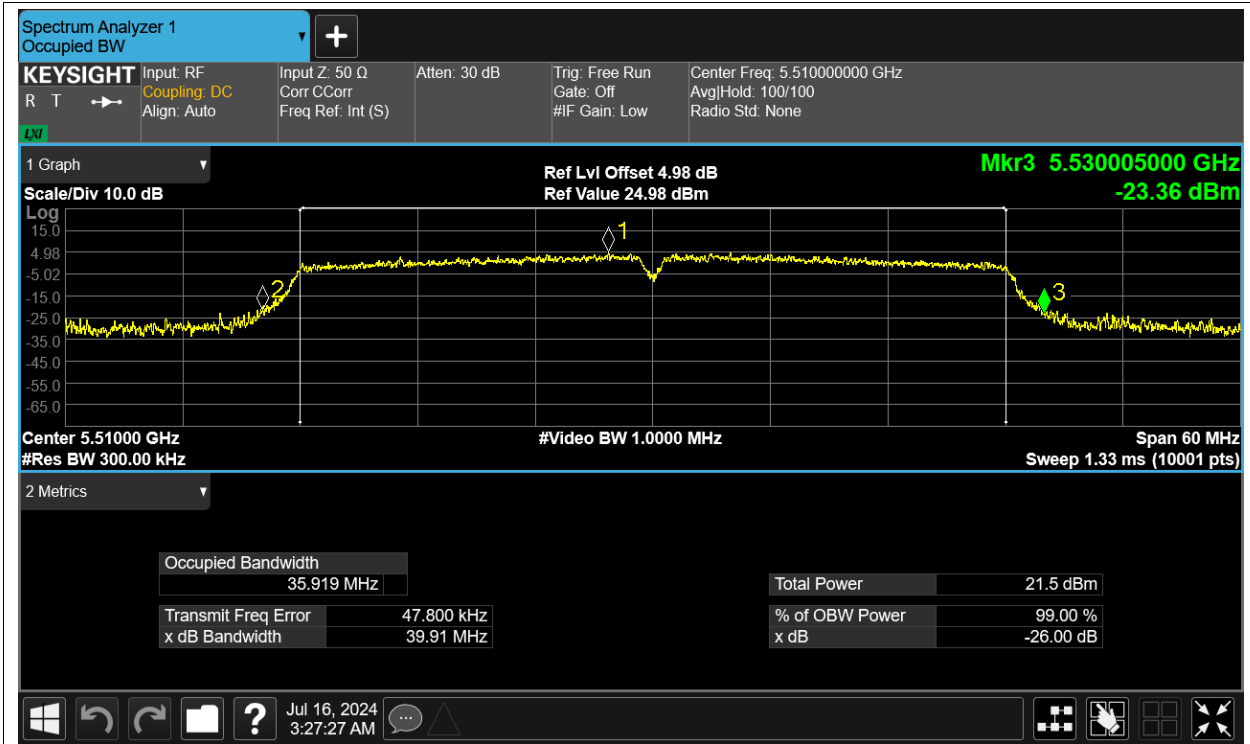
-26dB Bandwidth NVNT n20 5600MHz Ant14



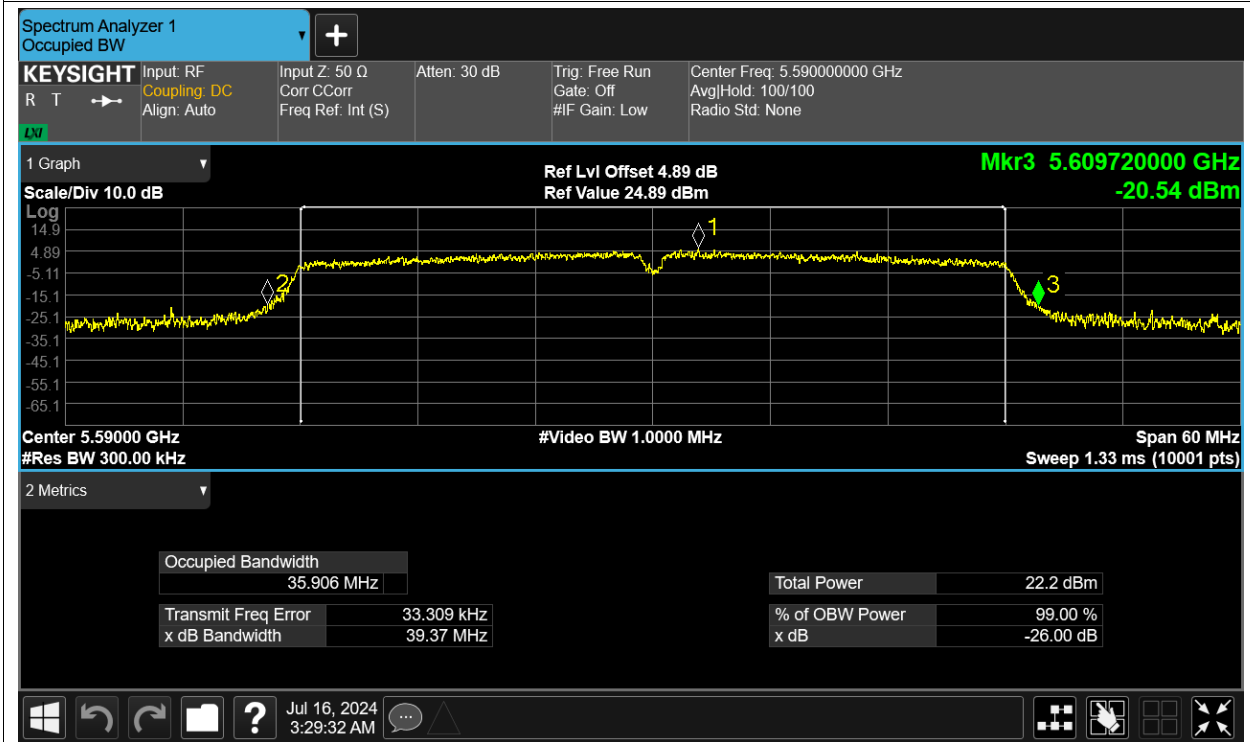
-26dB Bandwidth NVNT n20 5700MHz Ant14



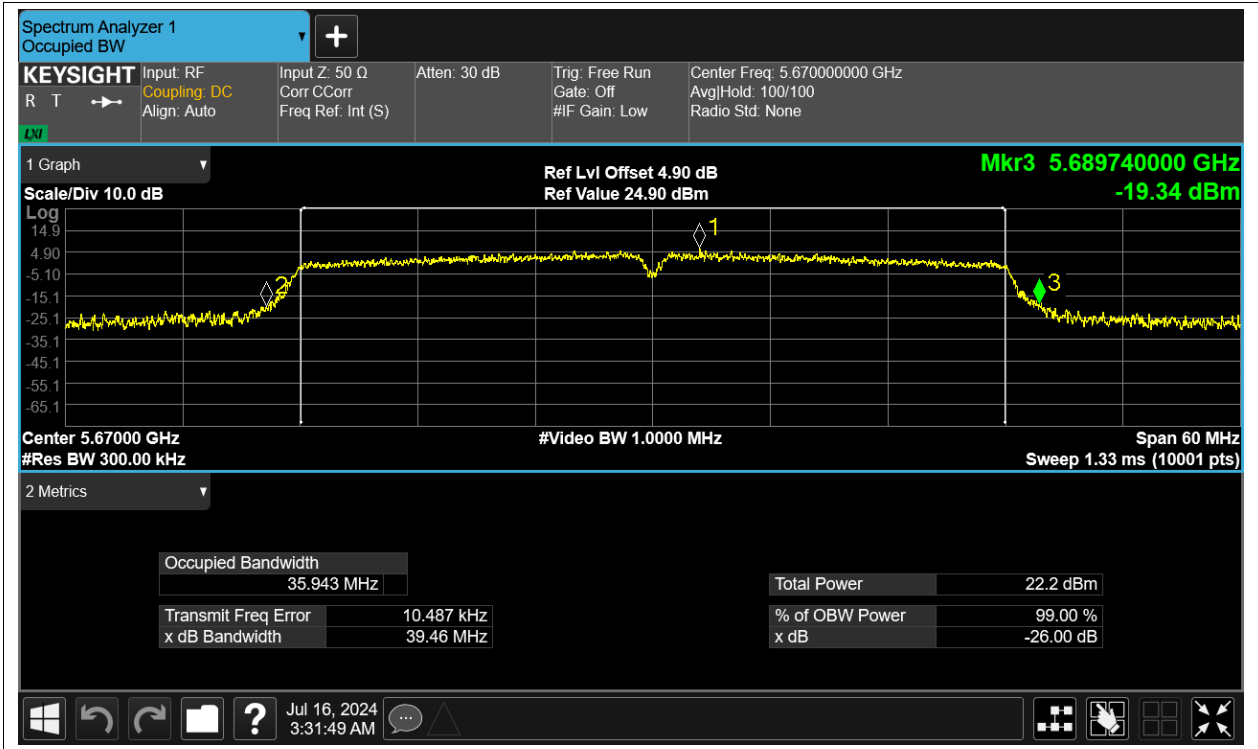
-26dB Bandwidth NVNT n40 5510MHz Ant14



-26dB Bandwidth NVNT n40 5590MHz Ant14



-26dB Bandwidth NVNT n40 5670MHz Ant14

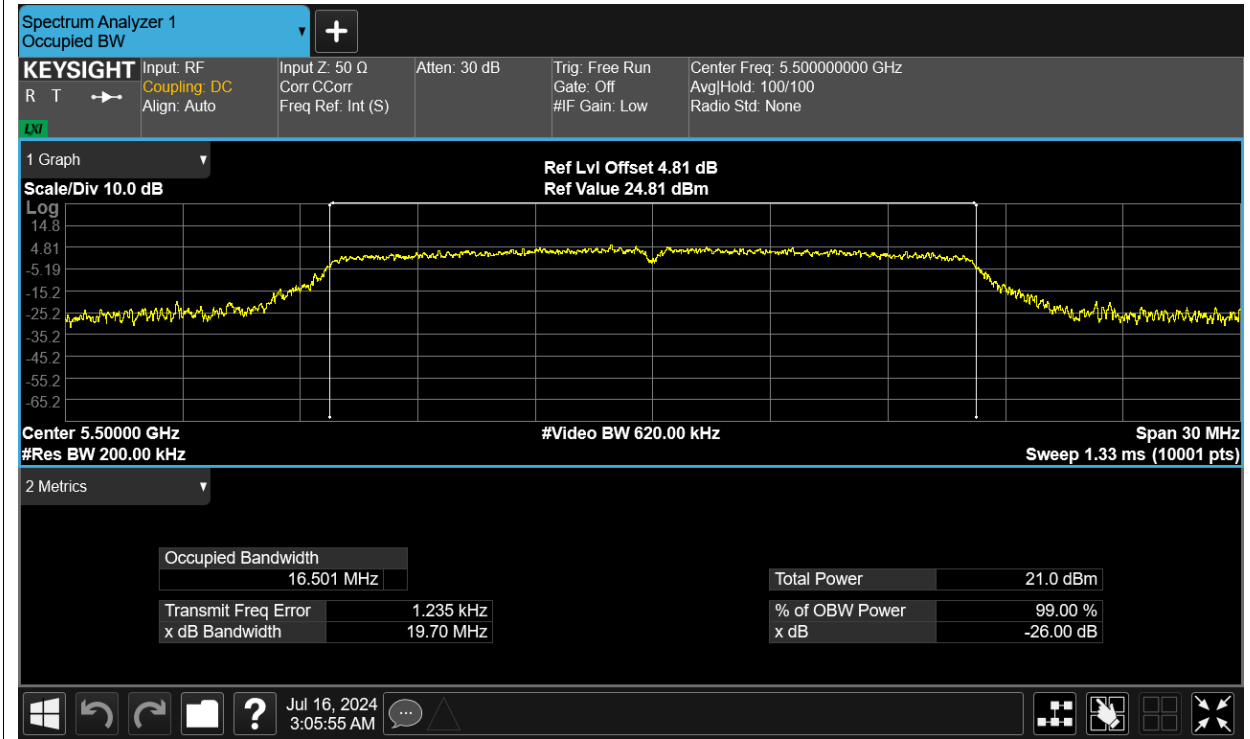


Occupied Channel Bandwidth

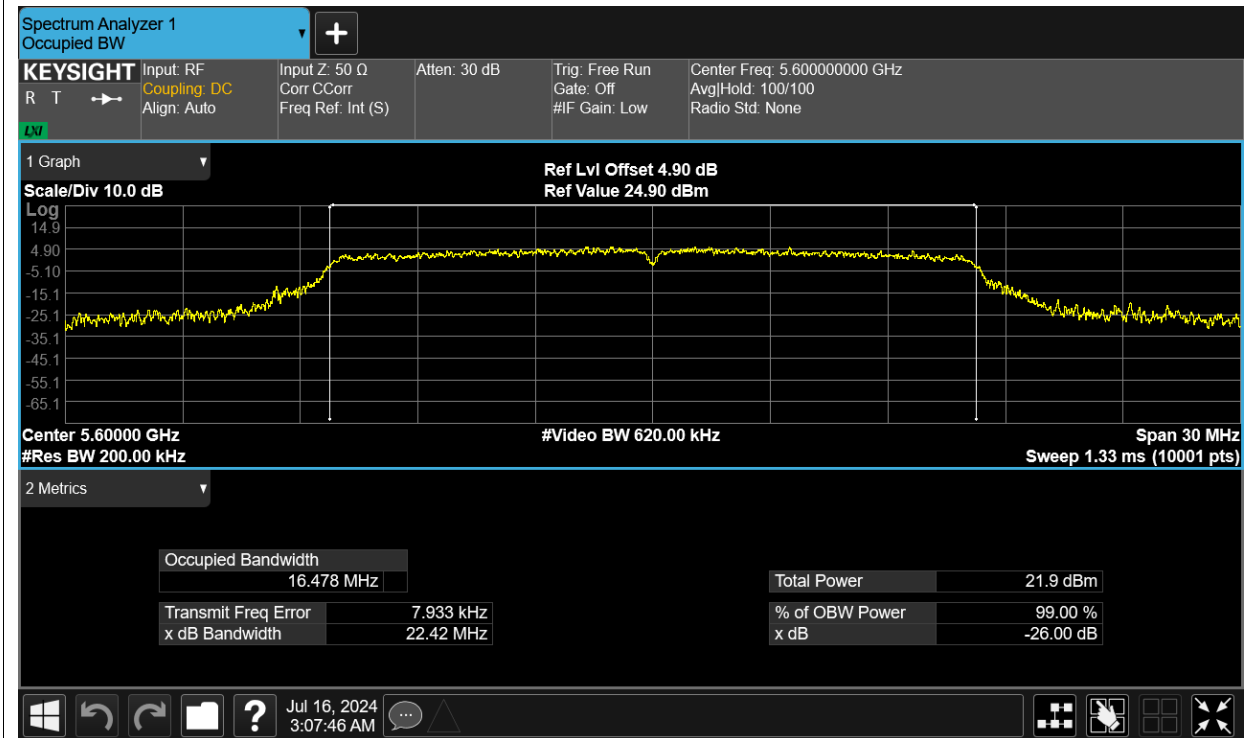
Condition	Mode	Frequency (MHz)	Antenna	99% OBW (MHz)
NVNT	a	5500	Ant14	16.501
NVNT	a	5600	Ant14	16.478
NVNT	a	5700	Ant14	16.49
NVNT	ac20	5500	Ant14	17.584
NVNT	ac20	5600	Ant14	17.574
NVNT	ac20	5700	Ant14	17.582
NVNT	ac40	5510	Ant14	35.956
NVNT	ac40	5590	Ant14	35.961
NVNT	ac40	5670	Ant14	35.933
NVNT	ac80	5530	Ant14	75.108
NVNT	ac80	5610	Ant14	75.136
NVNT	n20	5500	Ant14	17.613
NVNT	n20	5600	Ant14	17.568
NVNT	n20	5700	Ant14	17.621
NVNT	n40	5510	Ant14	36.027
NVNT	n40	5590	Ant14	35.962
NVNT	n40	5670	Ant14	36.04

Test Graphs

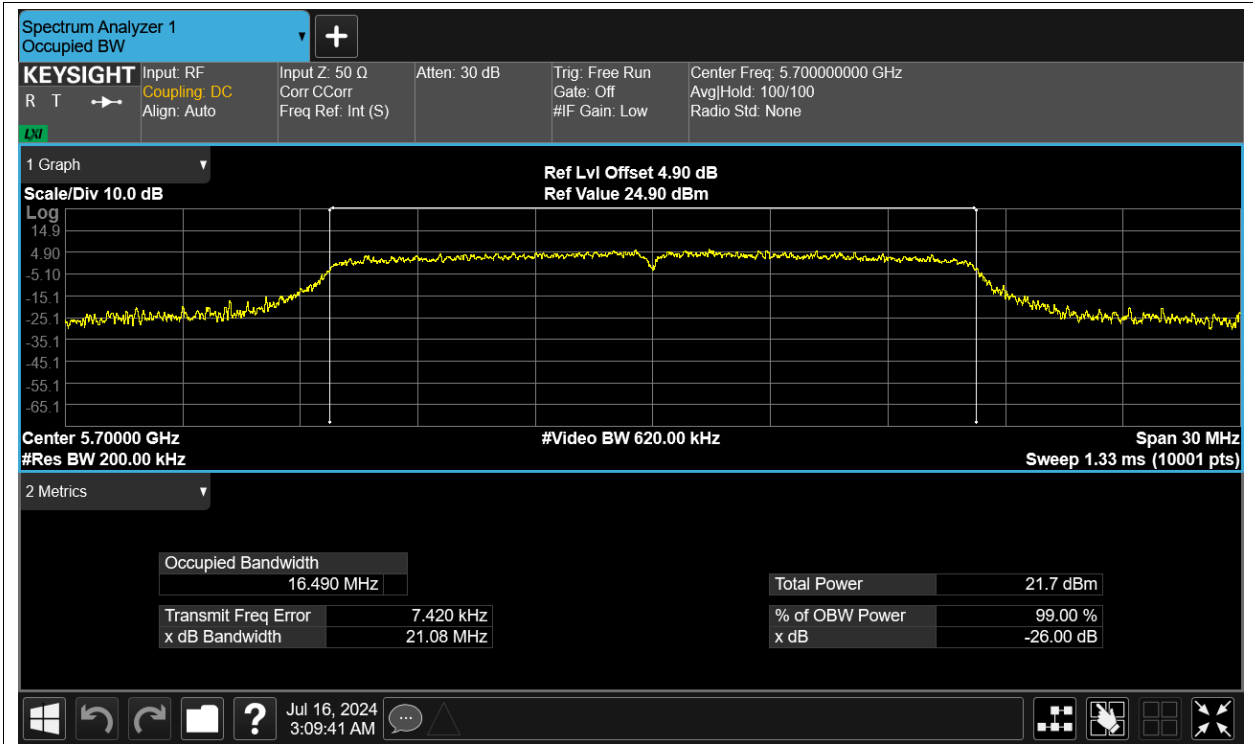
OBW NVNT a 5500MHz Ant14



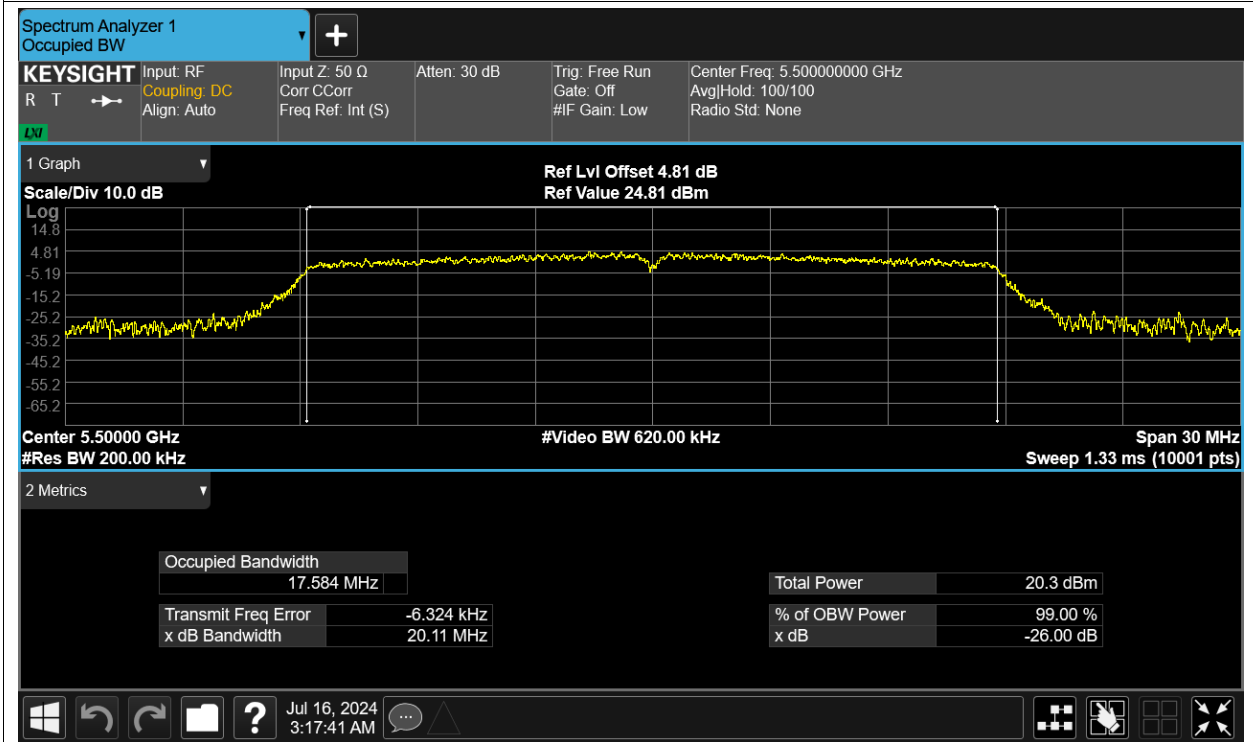
OBW NVNT a 5600MHz Ant14



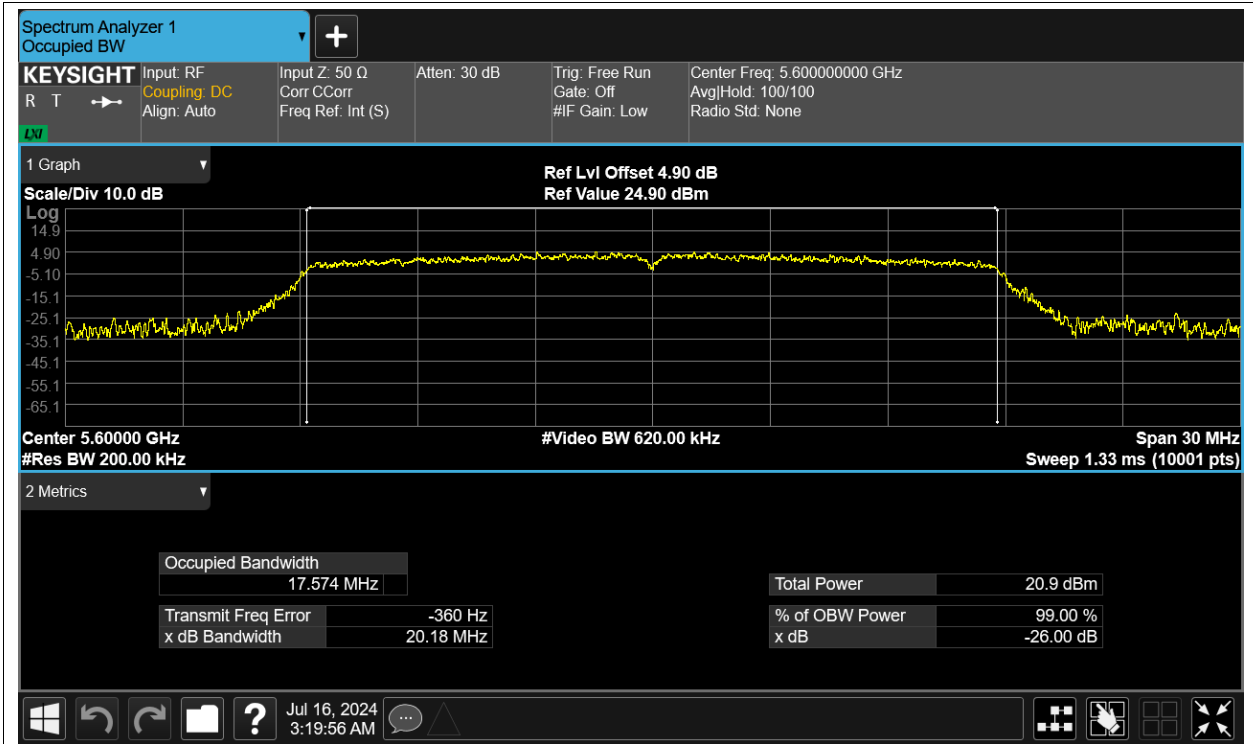
OBW NVNT a 5700MHz Ant14



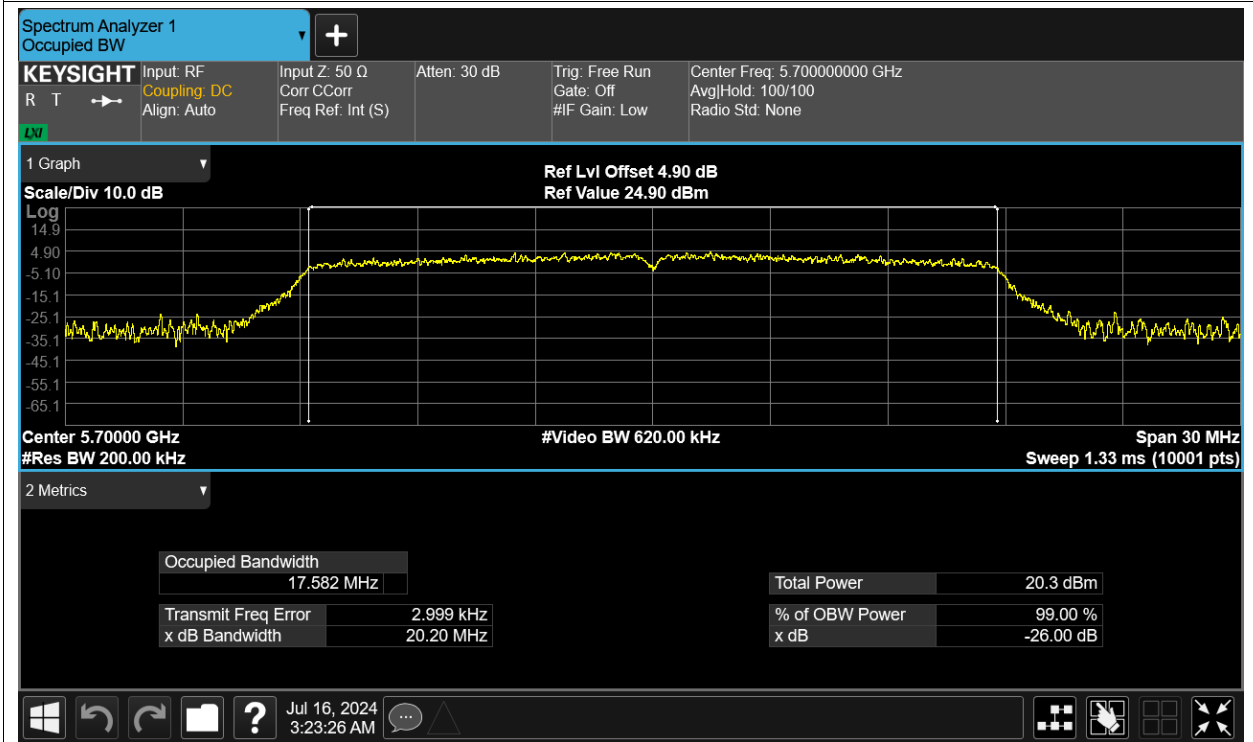
OBW NVNT ac20 5500MHz Ant14



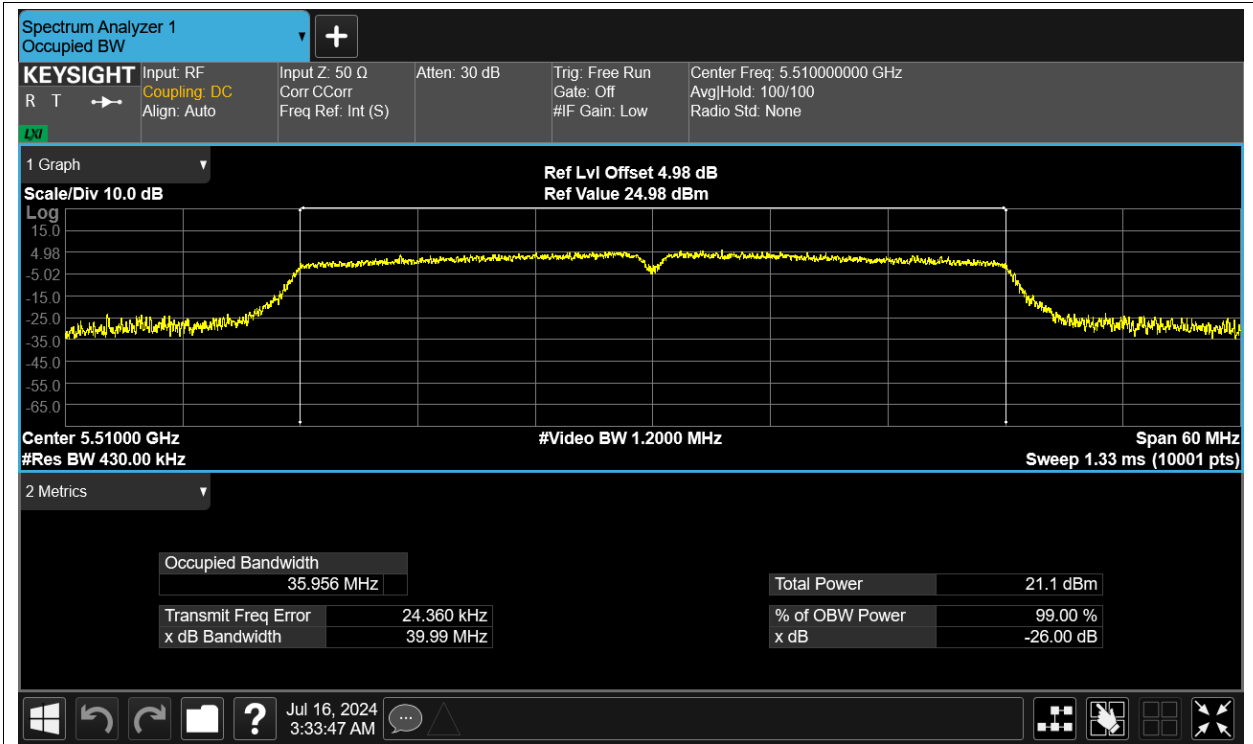
OBW NVNT ac20 5600MHz Ant14



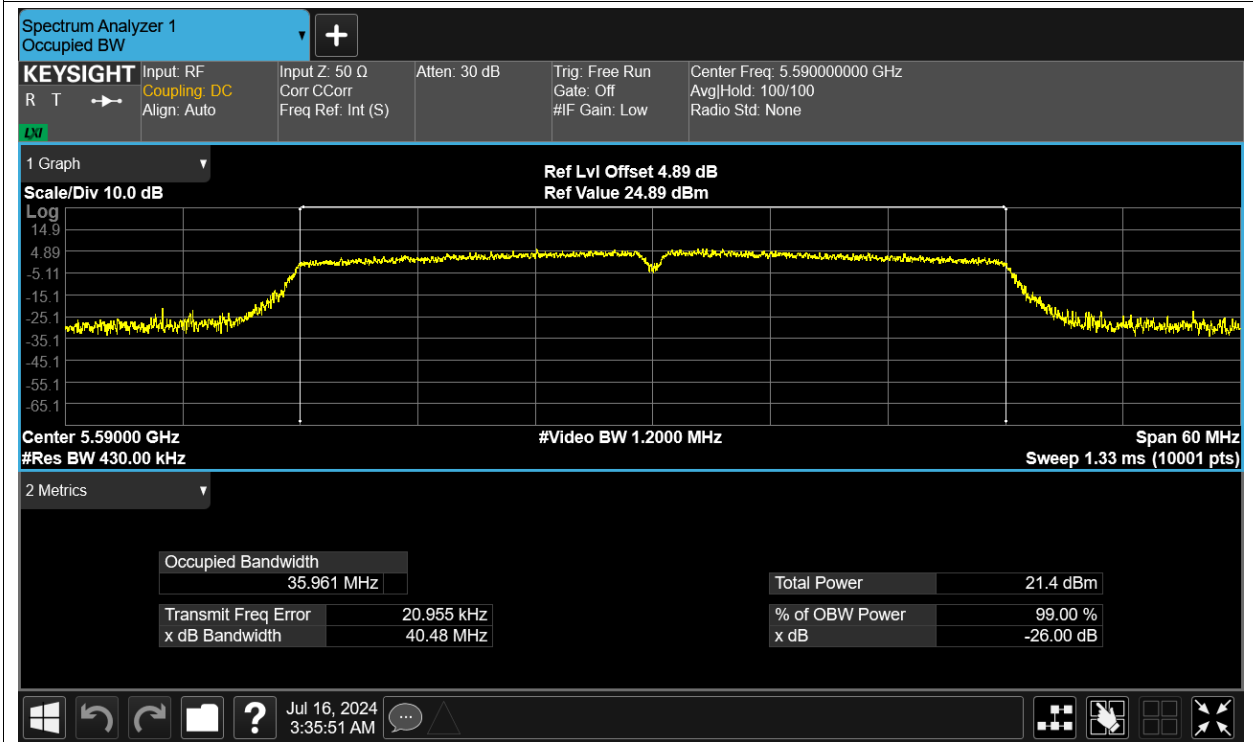
OBW NVNT ac20 5700MHz Ant14



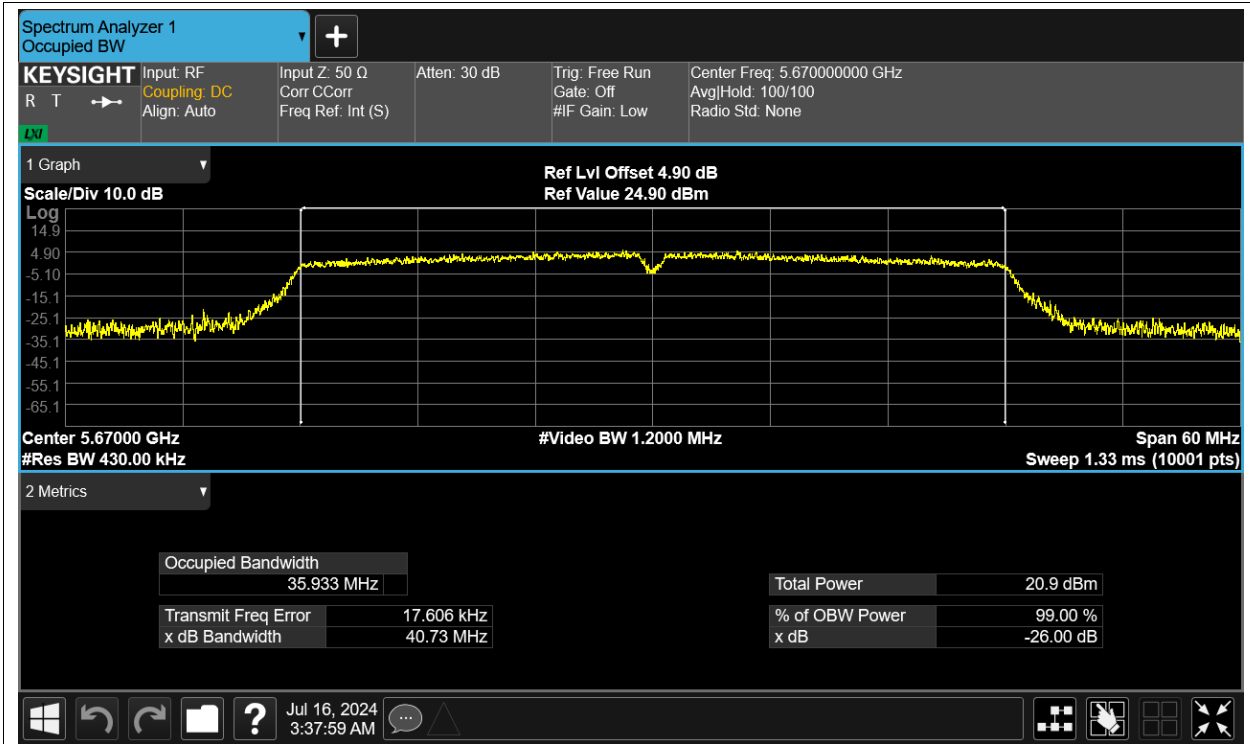
OBW NVNT ac40 5510MHz Ant14



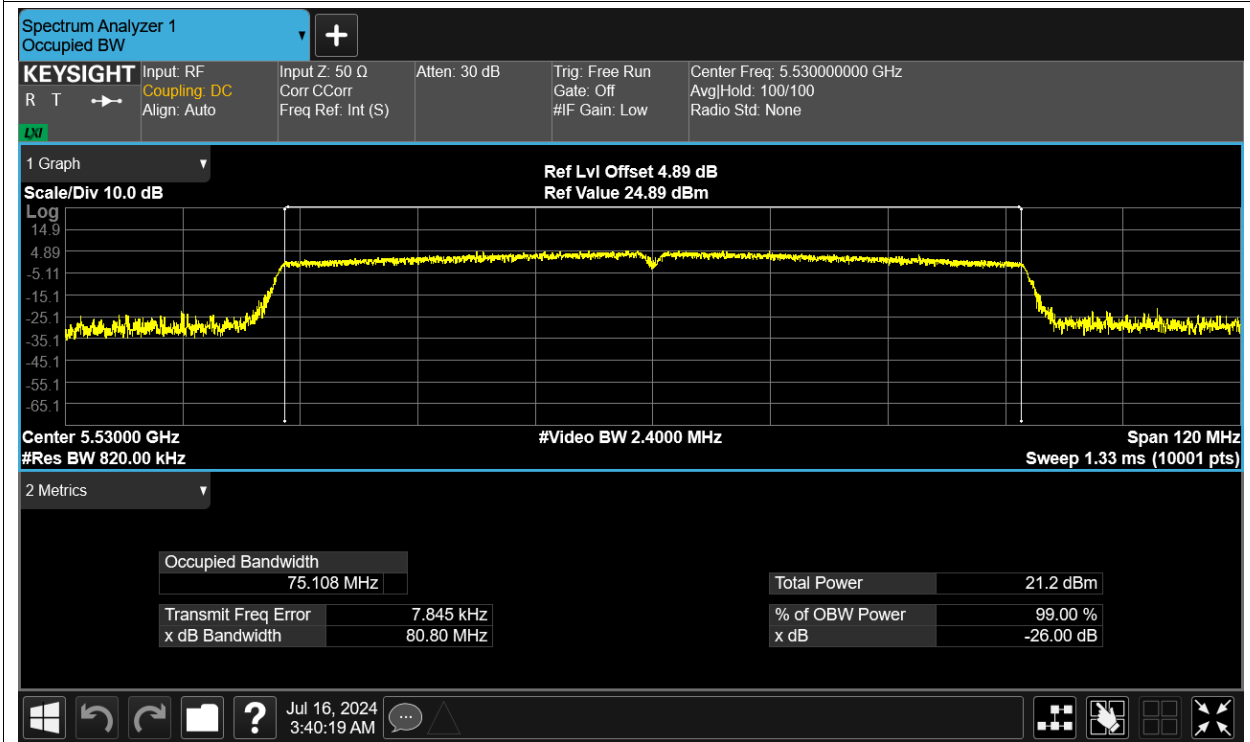
OBW NVNT ac40 5590MHz Ant14



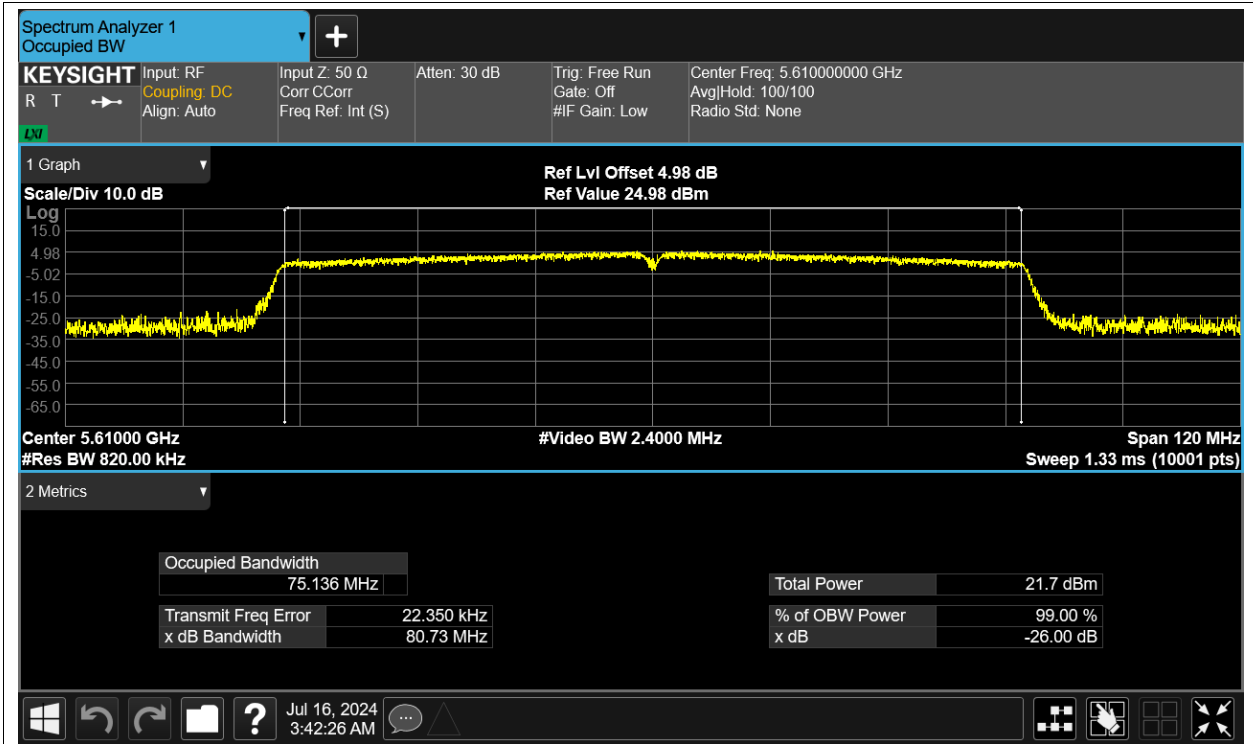
OBW NVNT ac40 5670MHz Ant14



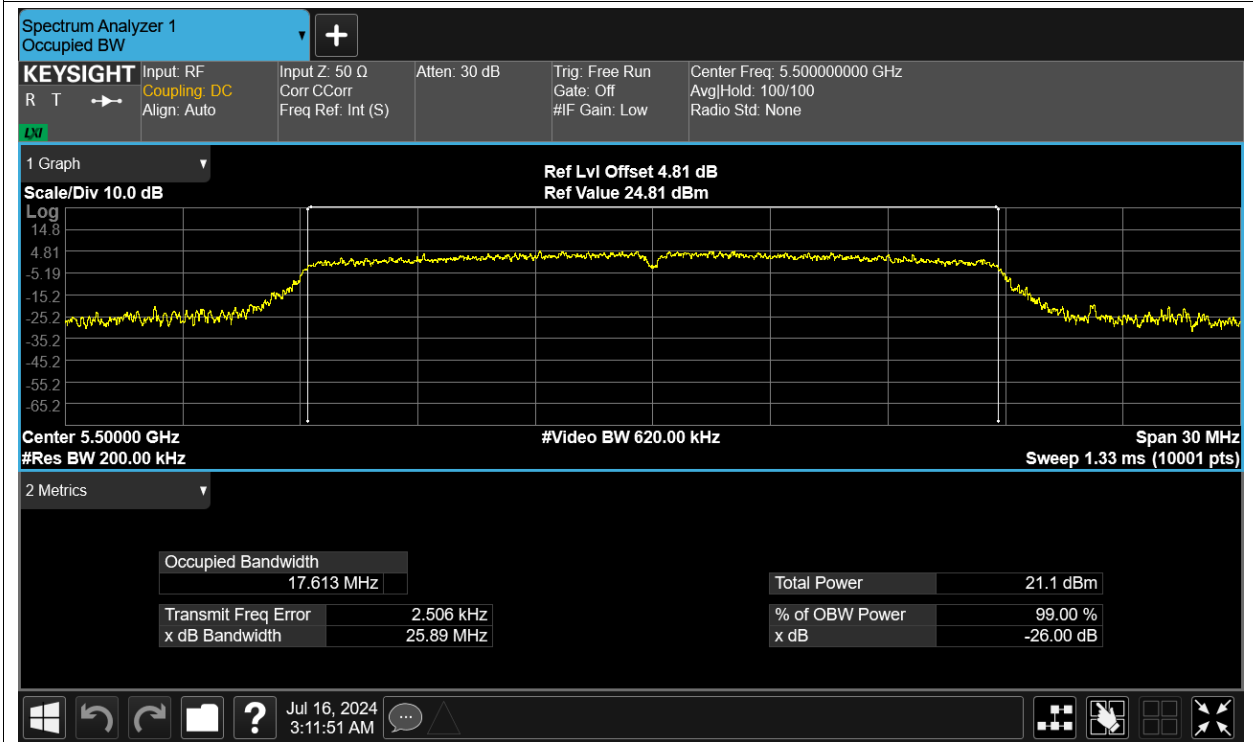
OBW NVNT ac80 5530MHz Ant14



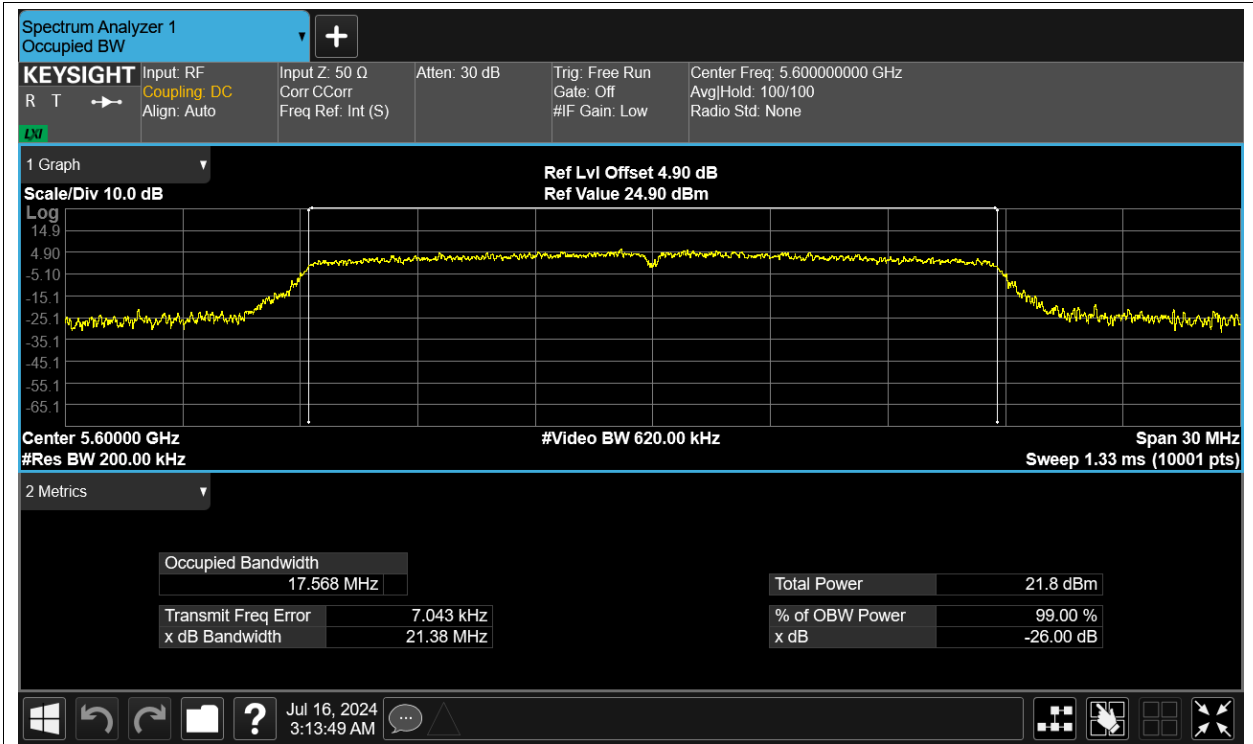
OBW NVNT ac80 5610MHz Ant14



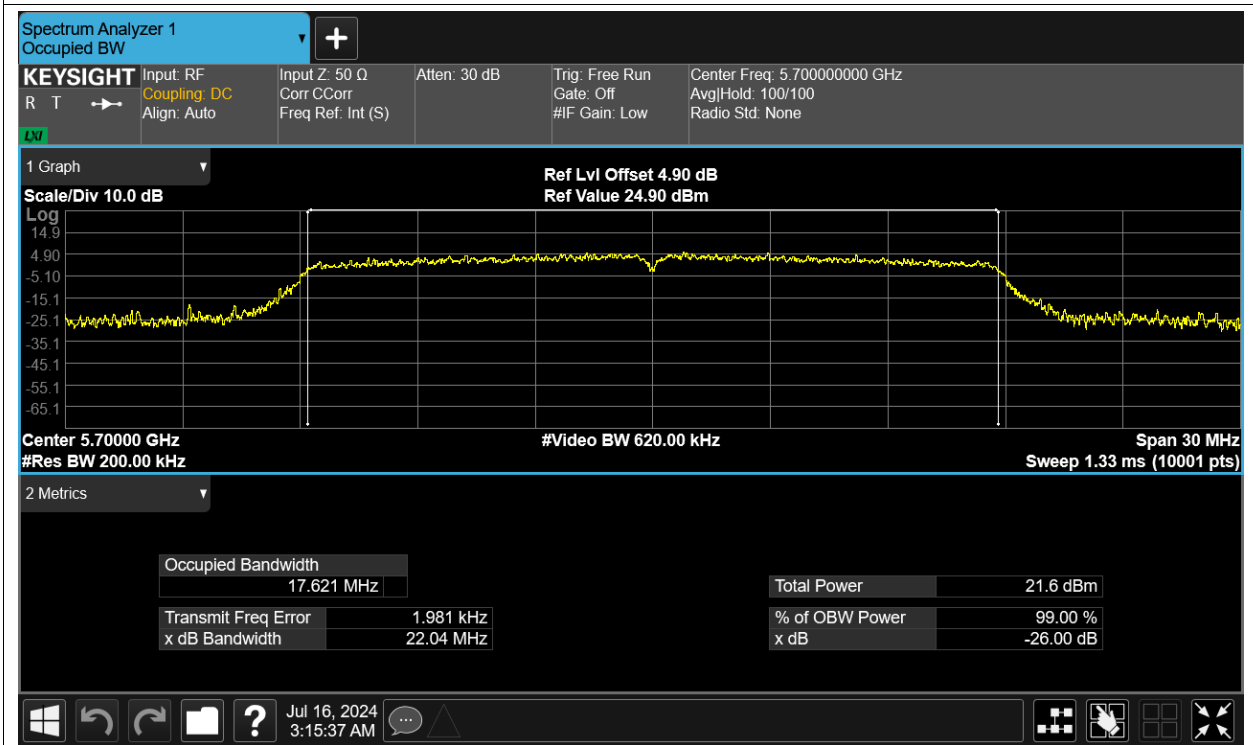
OBW NVNT n20 5500MHz Ant14



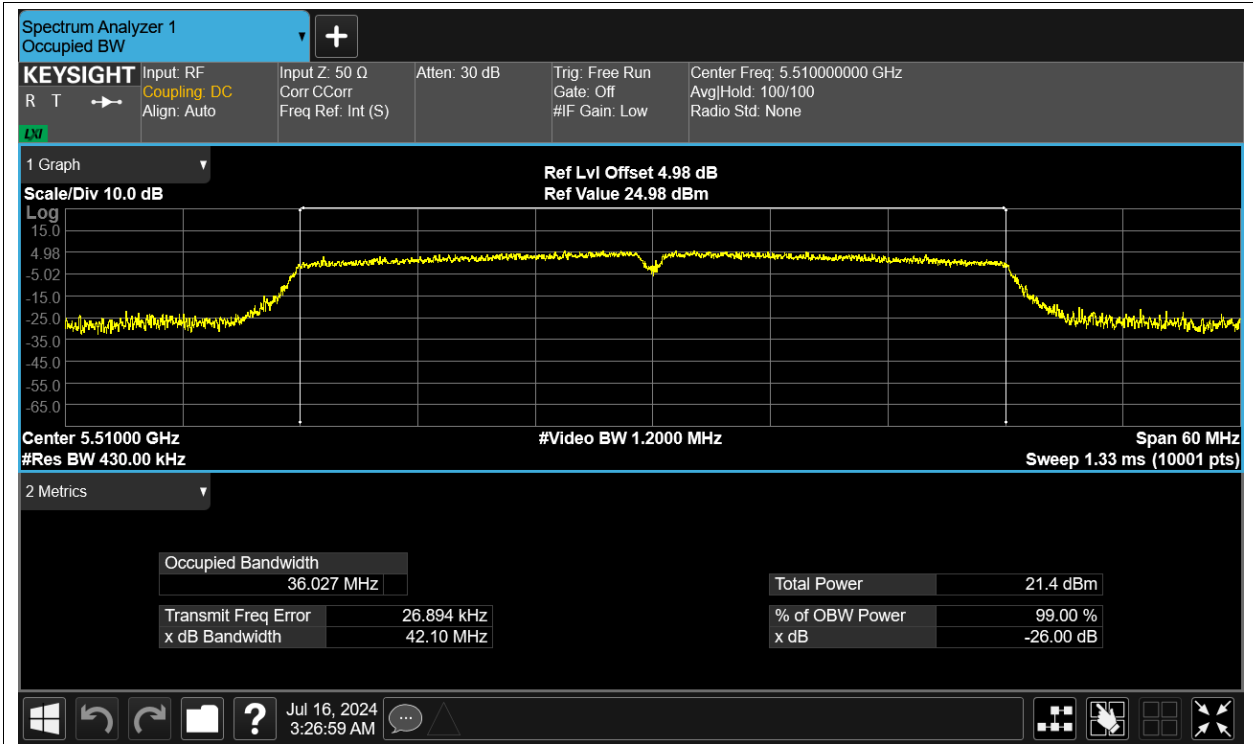
OBW NVNT n20 5600MHz Ant14



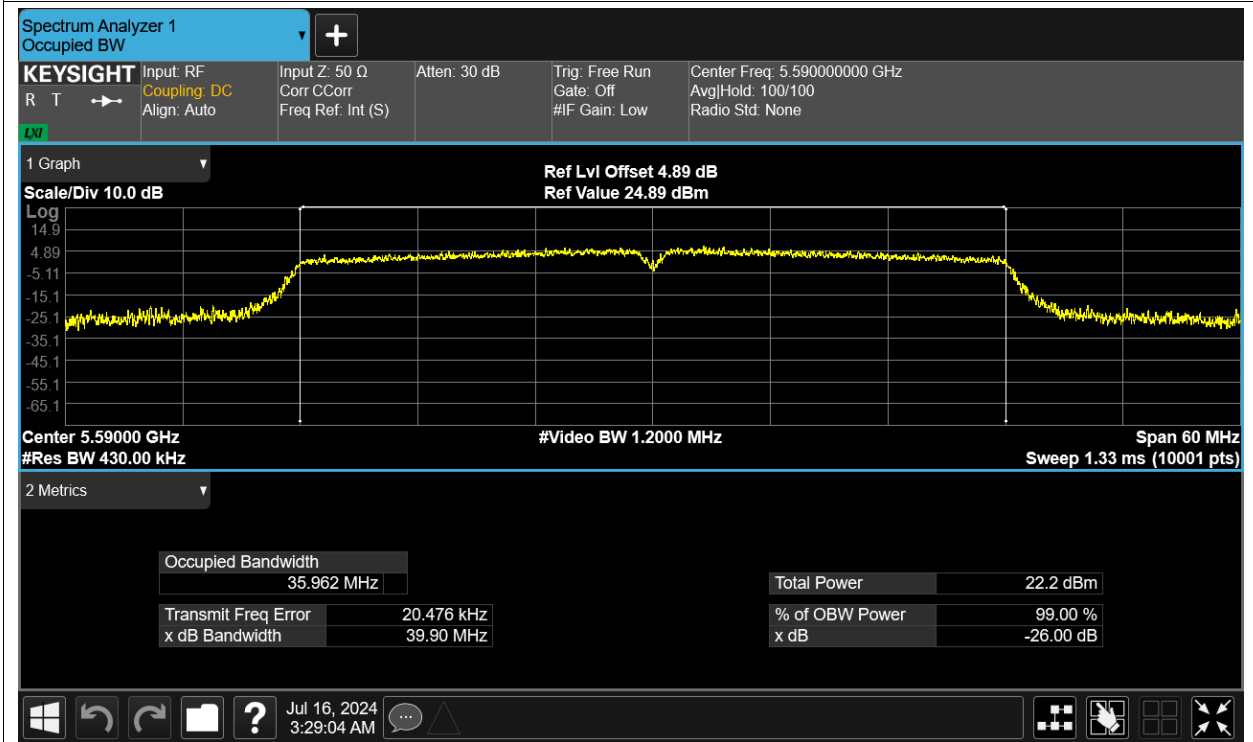
OBW NVNT n20 5700MHz Ant14



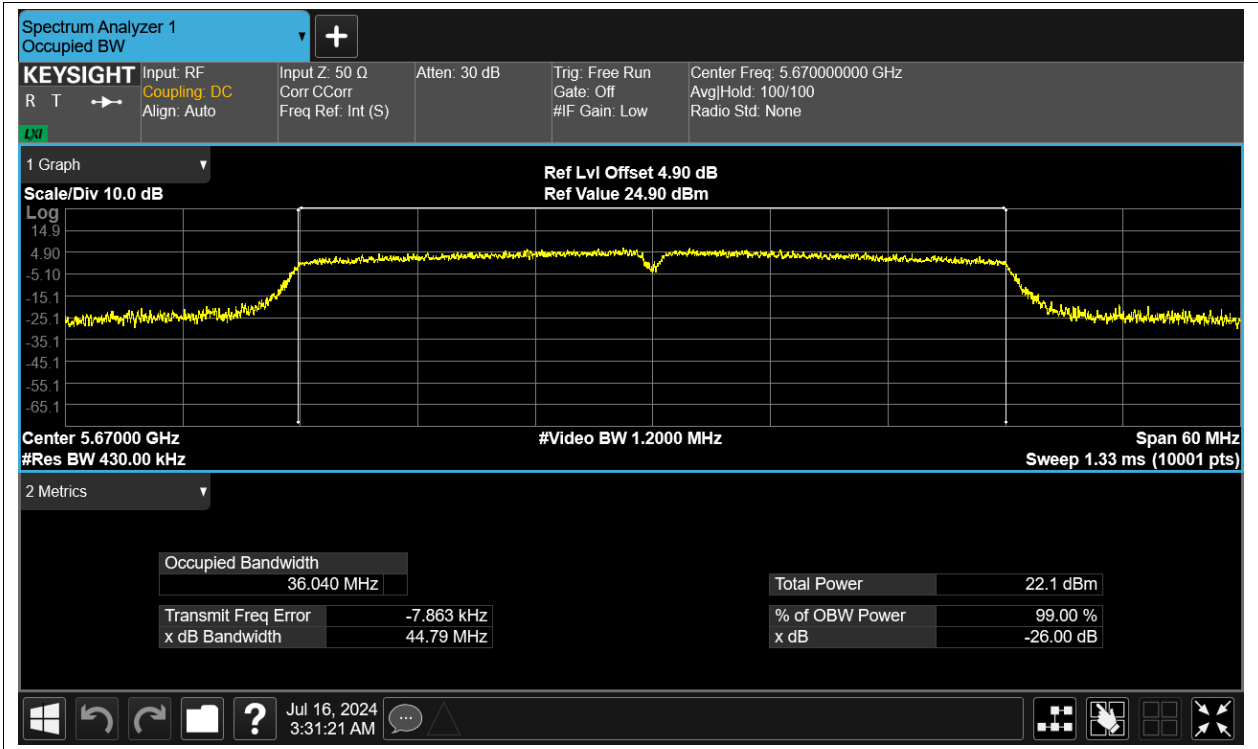
OBW NVNT n40 5510MHz Ant14



OBW NVNT n40 5590MHz Ant14



OBW NVNT n40 5670MHz Ant14

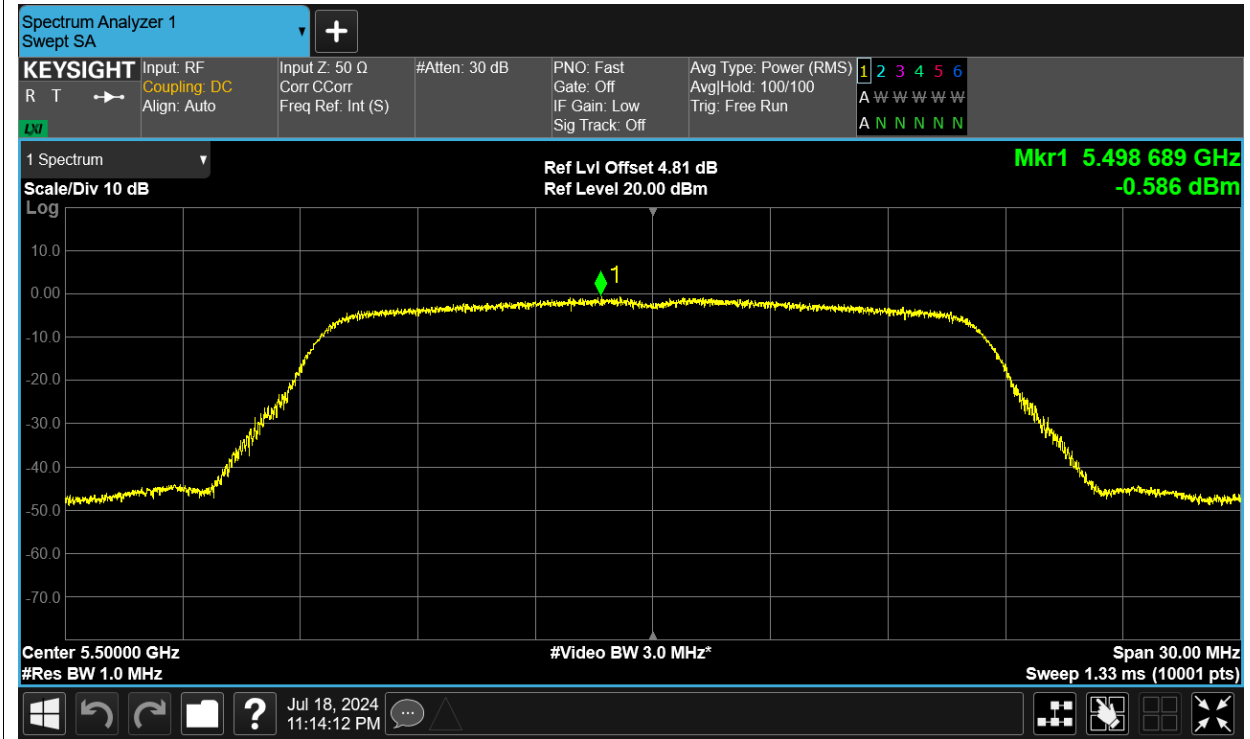


Maximum Power Spectral Density Level

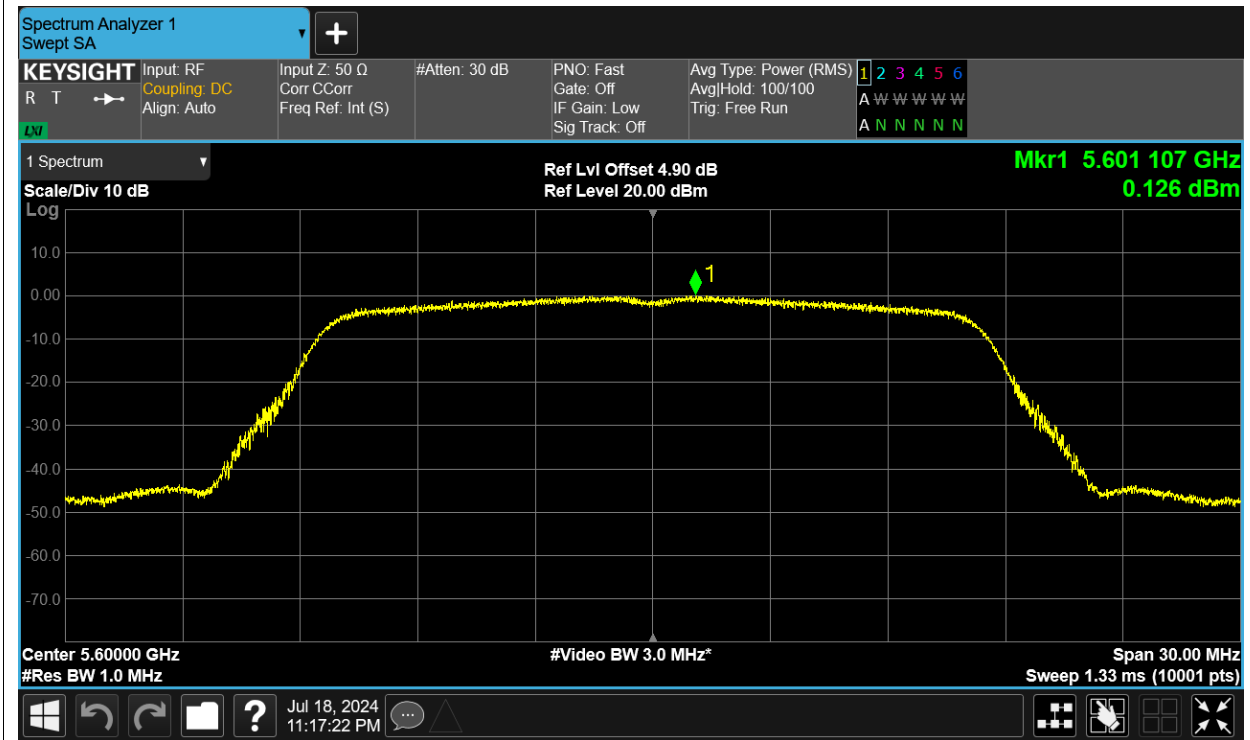
Condition	Mode	Frequency (MHz)	Antenna	Max PSD (dBm)	Limit (dBm)	Verdict
NVNT	a	5500	Ant14	-0.586	11	Pass
NVNT	a	5600	Ant14	0.126	11	Pass
NVNT	a	5700	Ant14	-0.536	11	Pass
NVNT	ac20	5500	Ant14	-0.371	11	Pass
NVNT	ac20	5600	Ant14	-0.012	11	Pass
NVNT	ac20	5700	Ant14	-0.944	11	Pass
NVNT	ac40	5510	Ant14	-4.848	11	Pass
NVNT	ac40	5590	Ant14	-4.427	11	Pass
NVNT	ac40	5670	Ant14	-4.822	11	Pass
NVNT	ac80	5530	Ant14	-9.317	11	Pass
NVNT	ac80	5610	Ant14	-8.869	11	Pass
NVNT	n20	5500	Ant14	-0.362	11	Pass
NVNT	n20	5600	Ant14	-0.167	11	Pass
NVNT	n20	5700	Ant14	-1.195	11	Pass
NVNT	n40	5510	Ant14	-4.638	11	Pass
NVNT	n40	5590	Ant14	-4.611	11	Pass
NVNT	n40	5670	Ant14	-4.914	11	Pass

Test Graphs

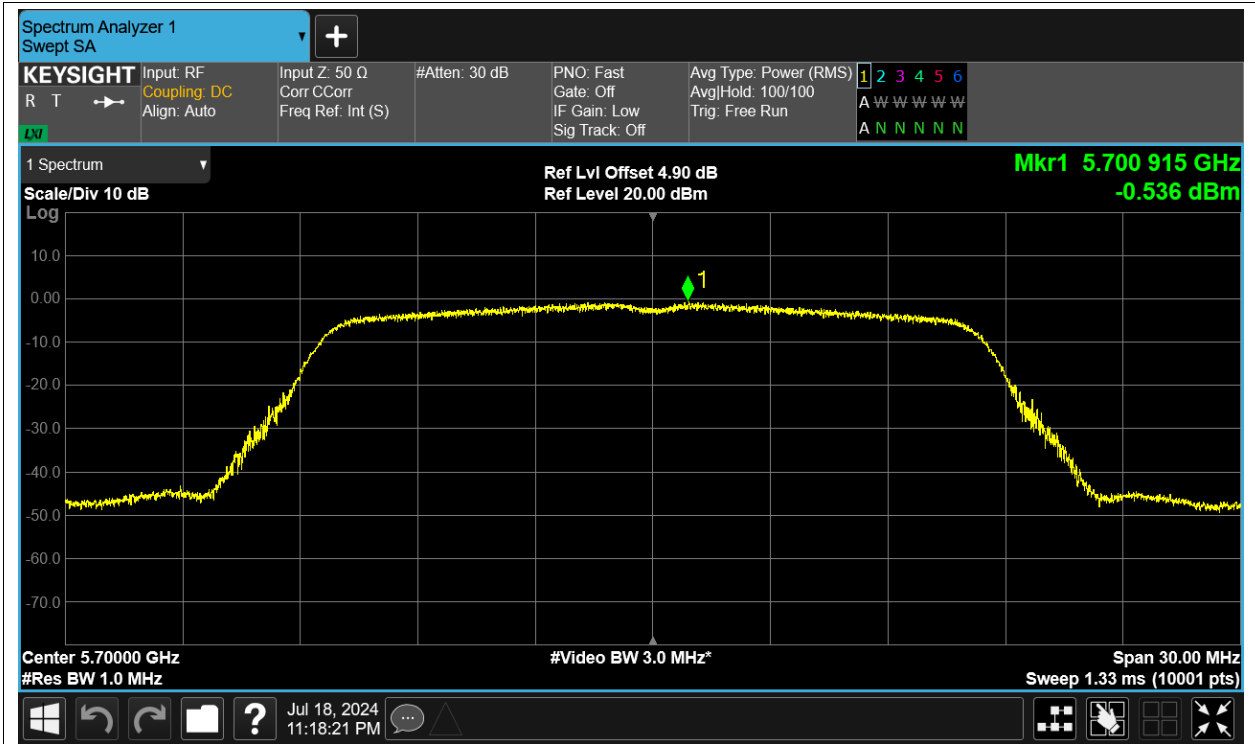
PSD NVNT a 5500MHz Ant14



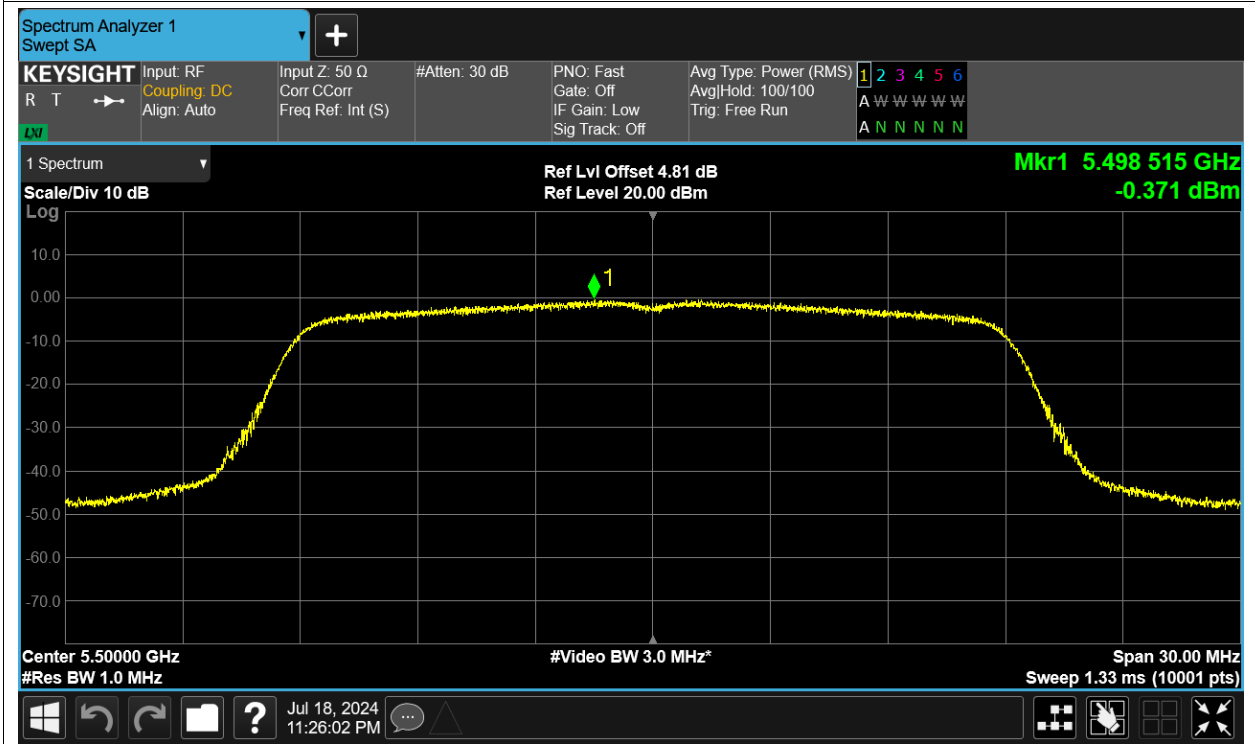
PSD NVNT a 5600MHz Ant14



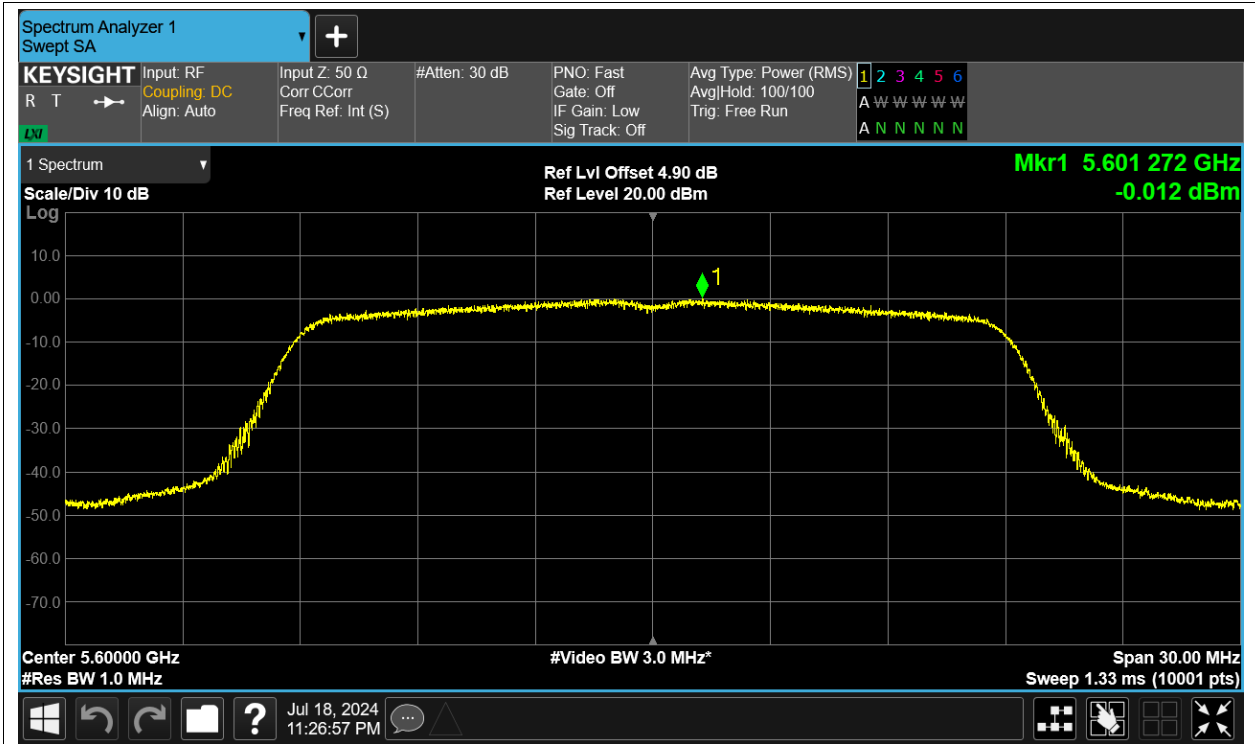
PSD NVNT a 5700MHz Ant14



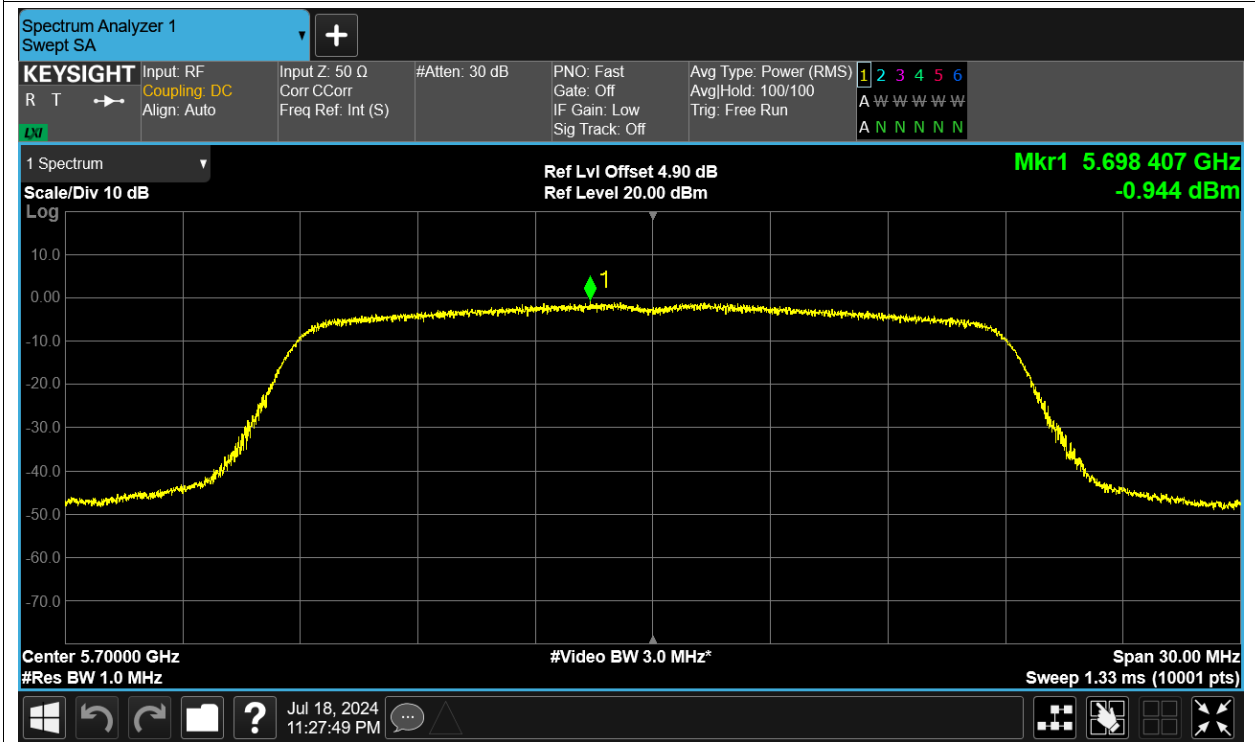
PSD NVNT ac20 5500MHz Ant14



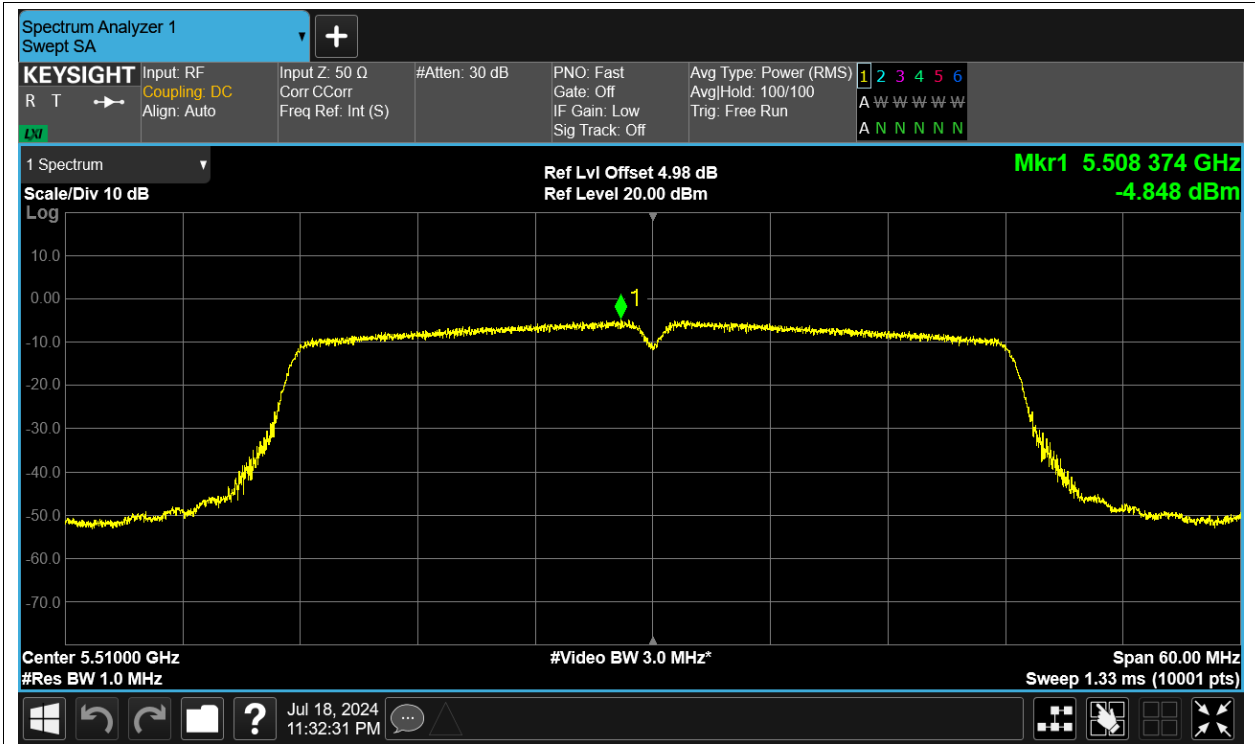
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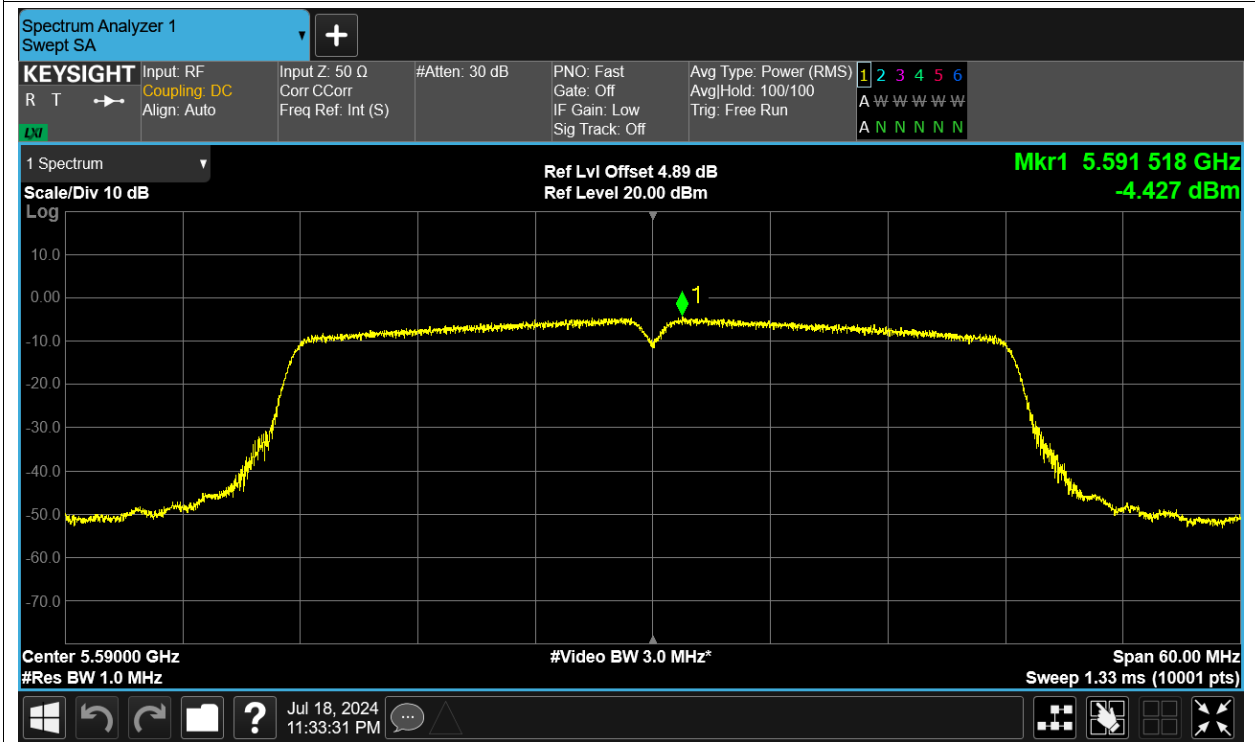
PSD NVNT ac20 5700MHz Ant14



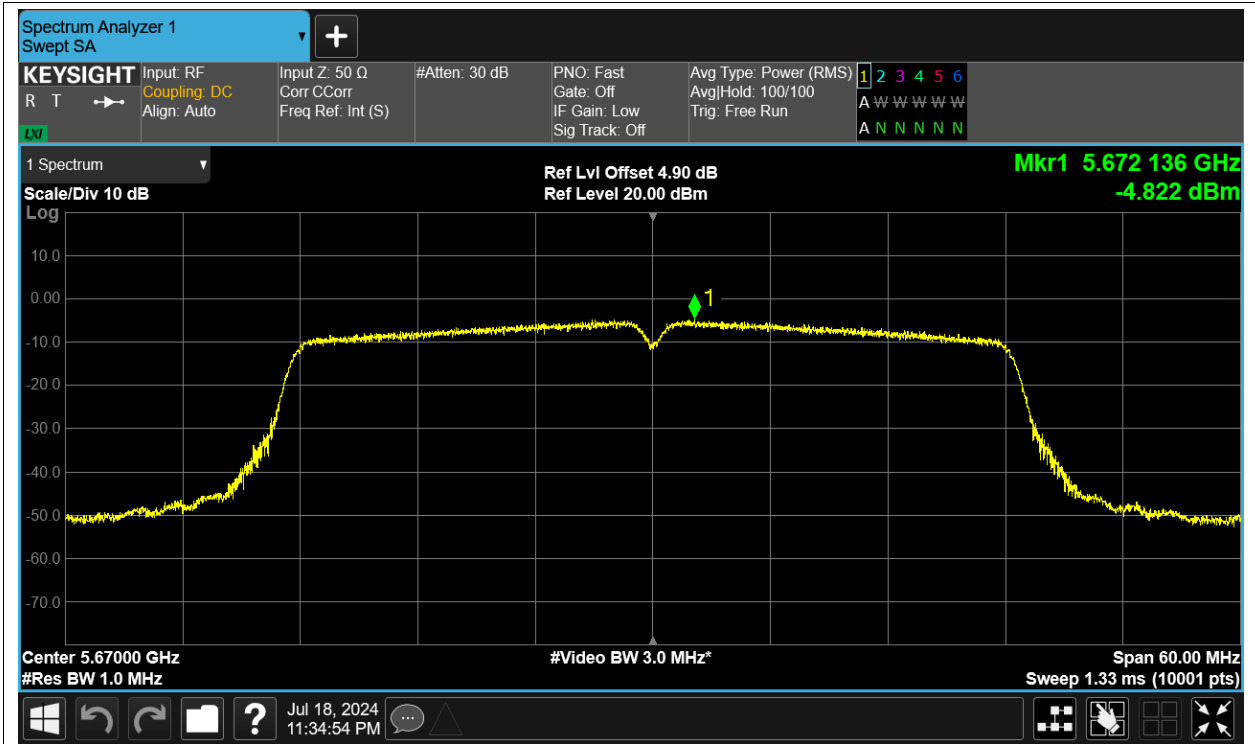
PSD NVNT ac40 5510MHz Ant14



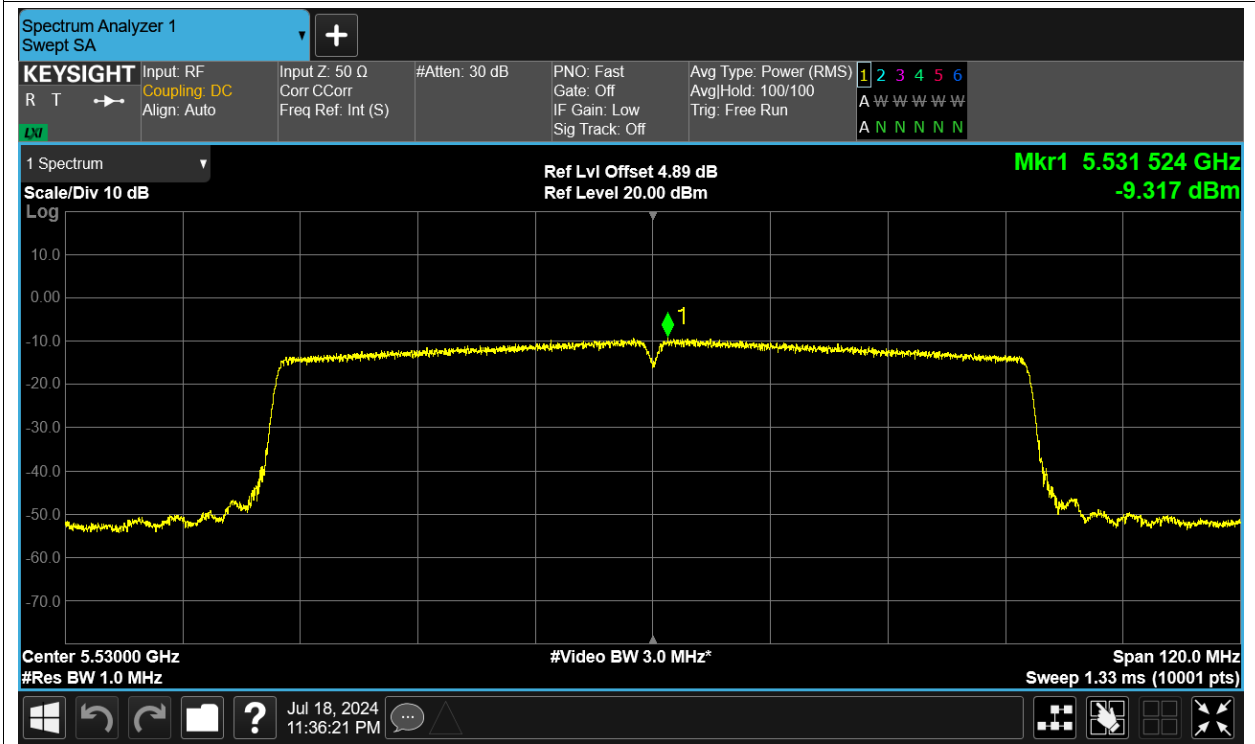
PSD NVNT ac40 5590MHz Ant14



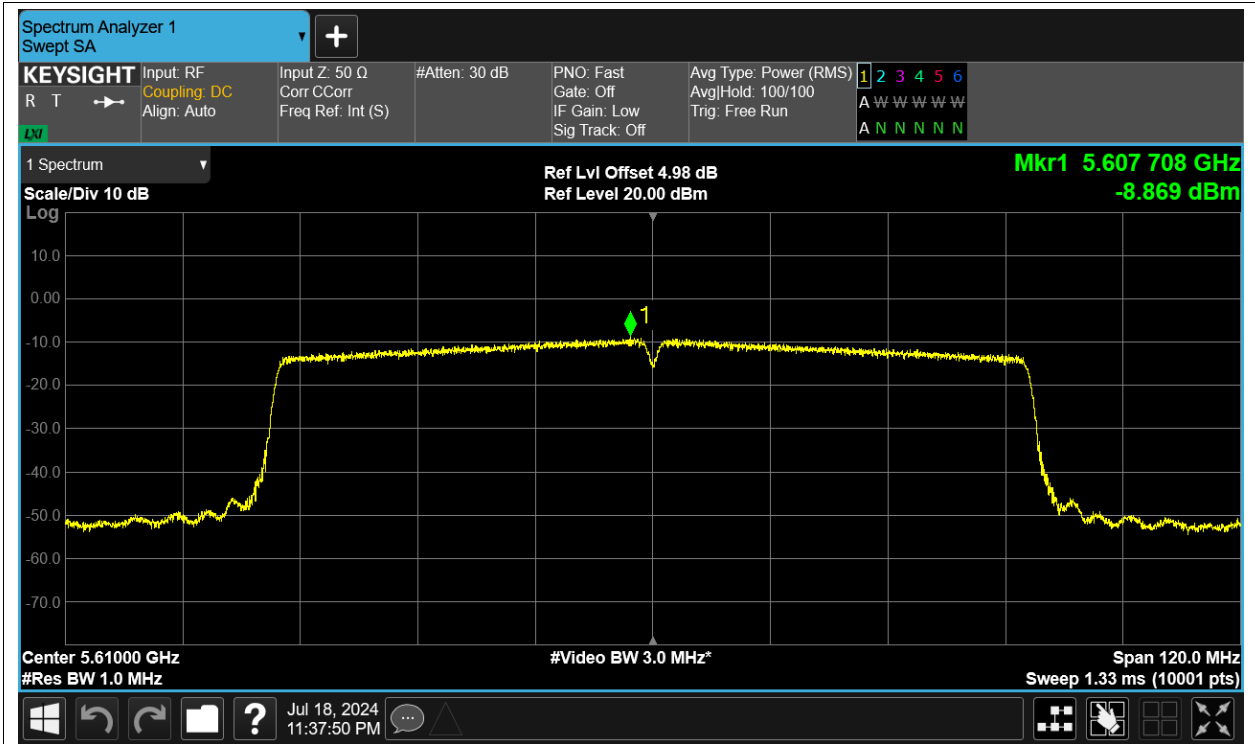
PSD NVNT ac40 5670MHz Ant14



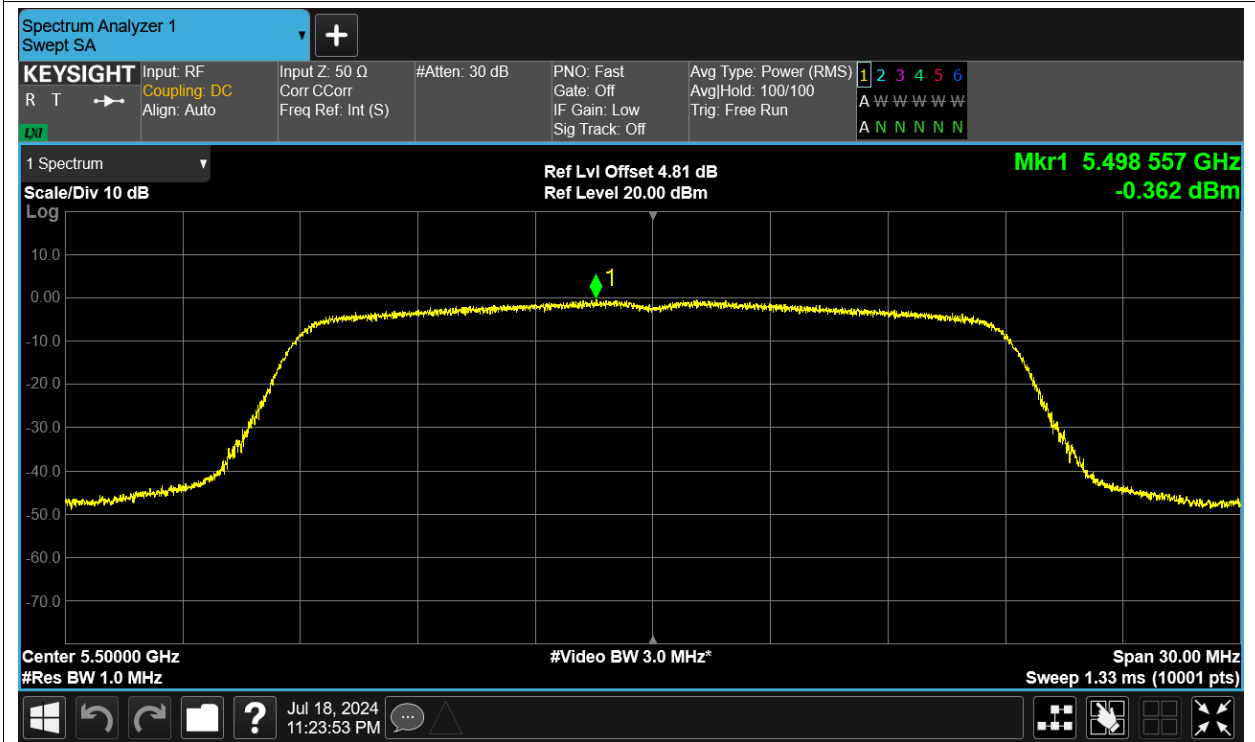
PSD NVNT ac80 5530MHz Ant14



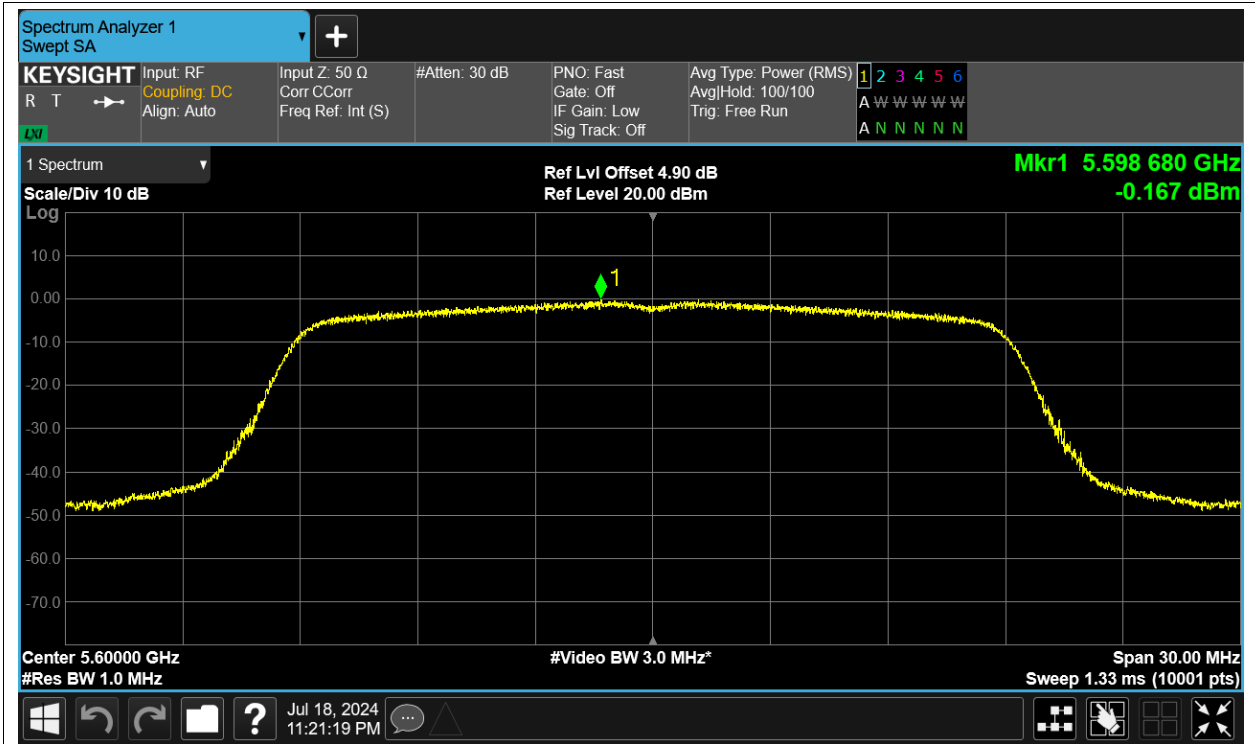
PSD NVNT ac80 5610MHz Ant14



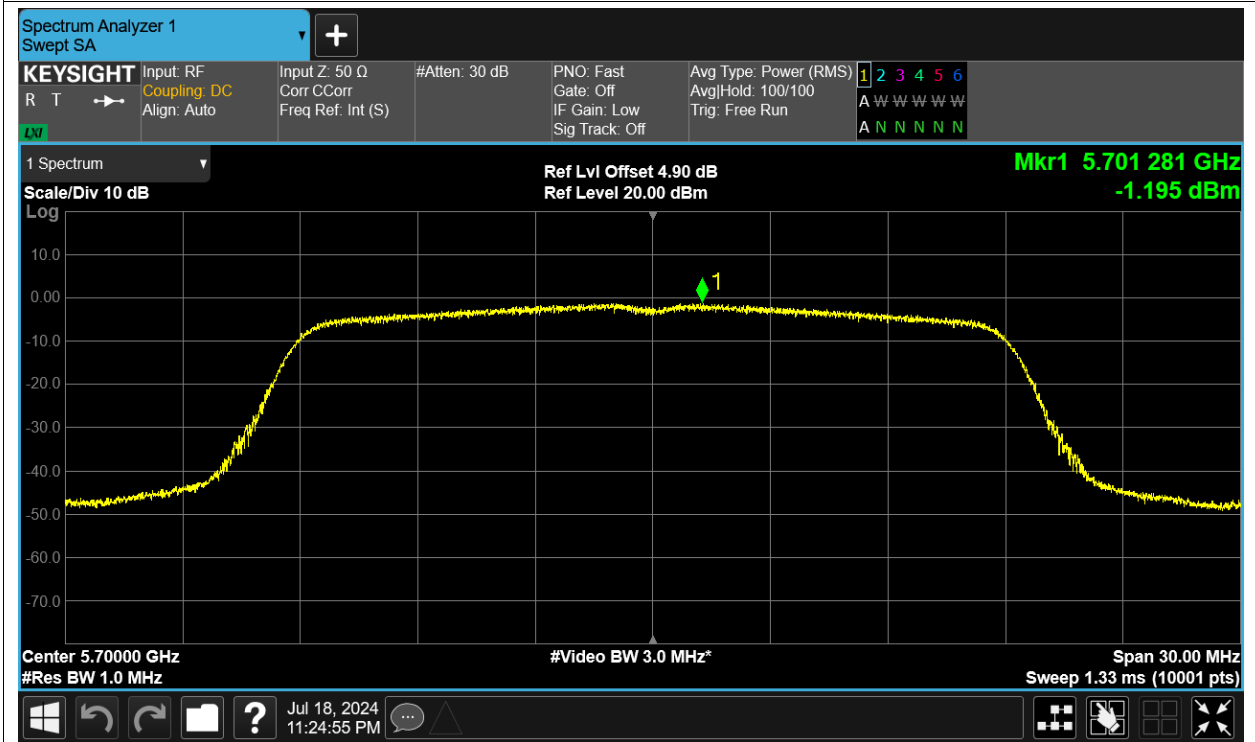
PSD NVNT n20 5500MHz Ant14



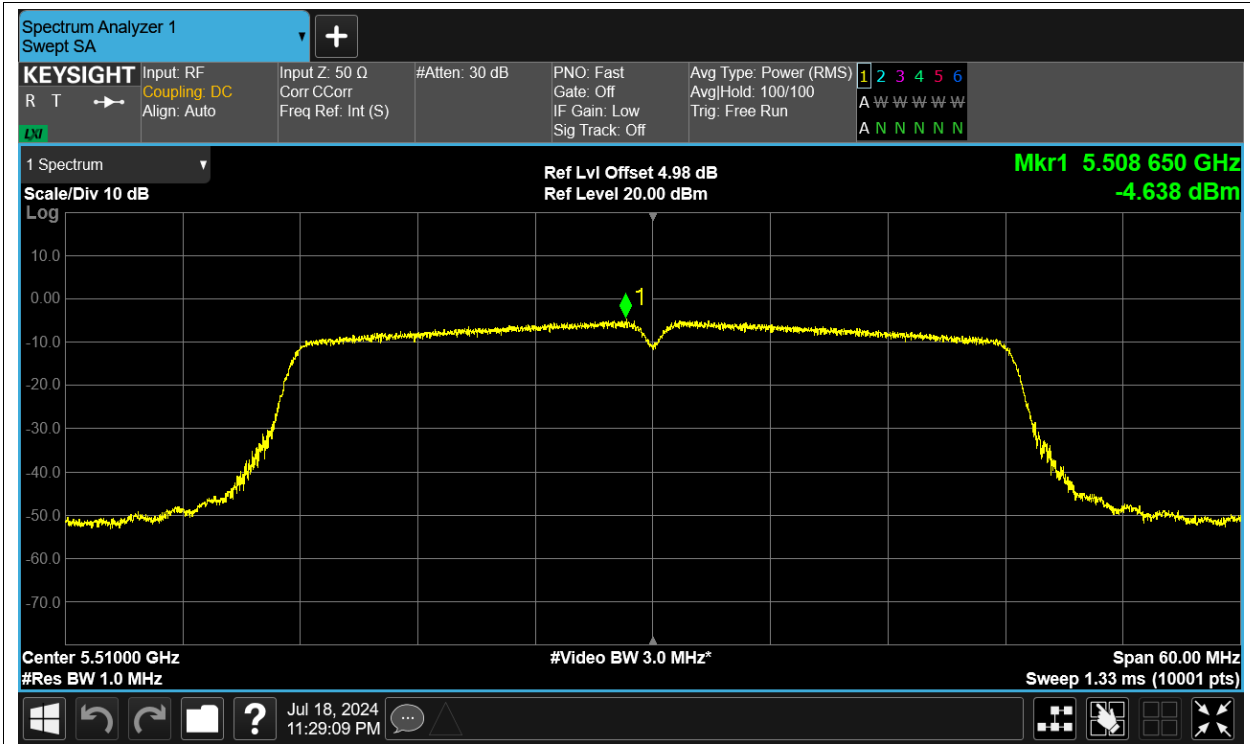
PSD NVNT n20 5600MHz Ant14



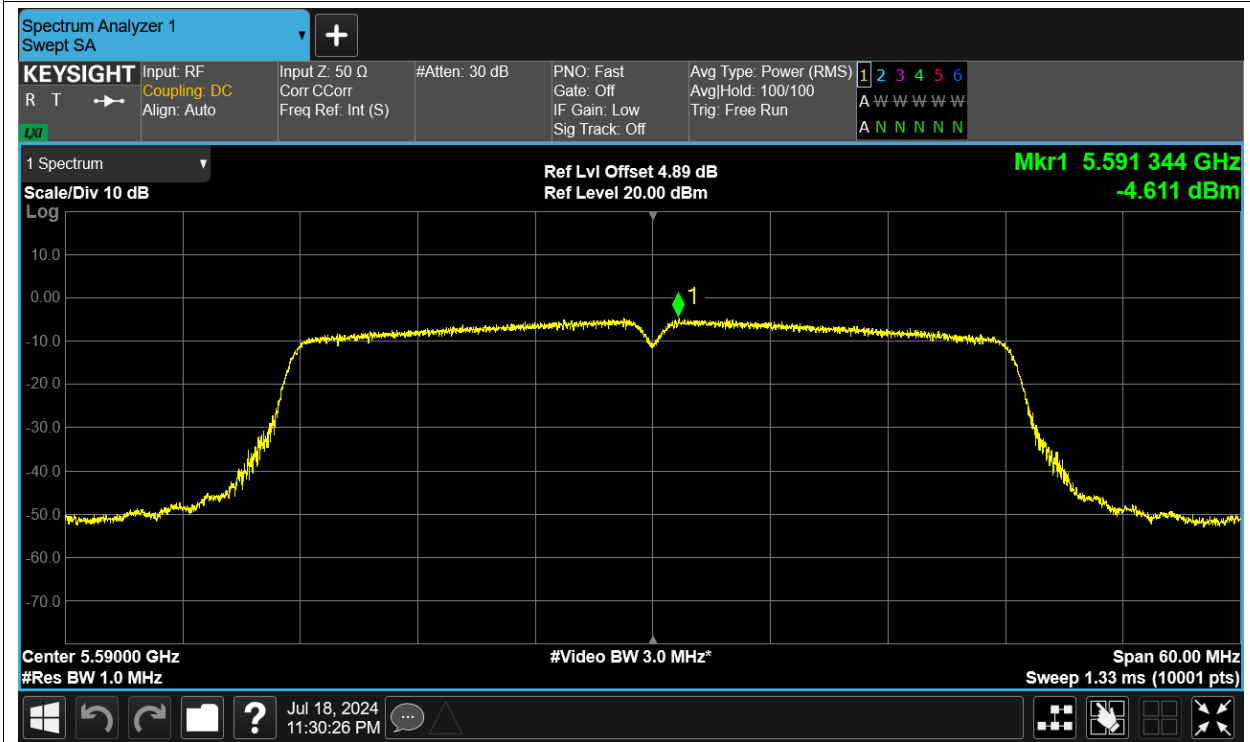
PSD NVNT n20 5700MHz Ant14



PSD NVNT n40 5510MHz Ant14



PSD NVNT n40 5590MHz Ant14



PSD NVNT n40 5670MHz Ant14

