

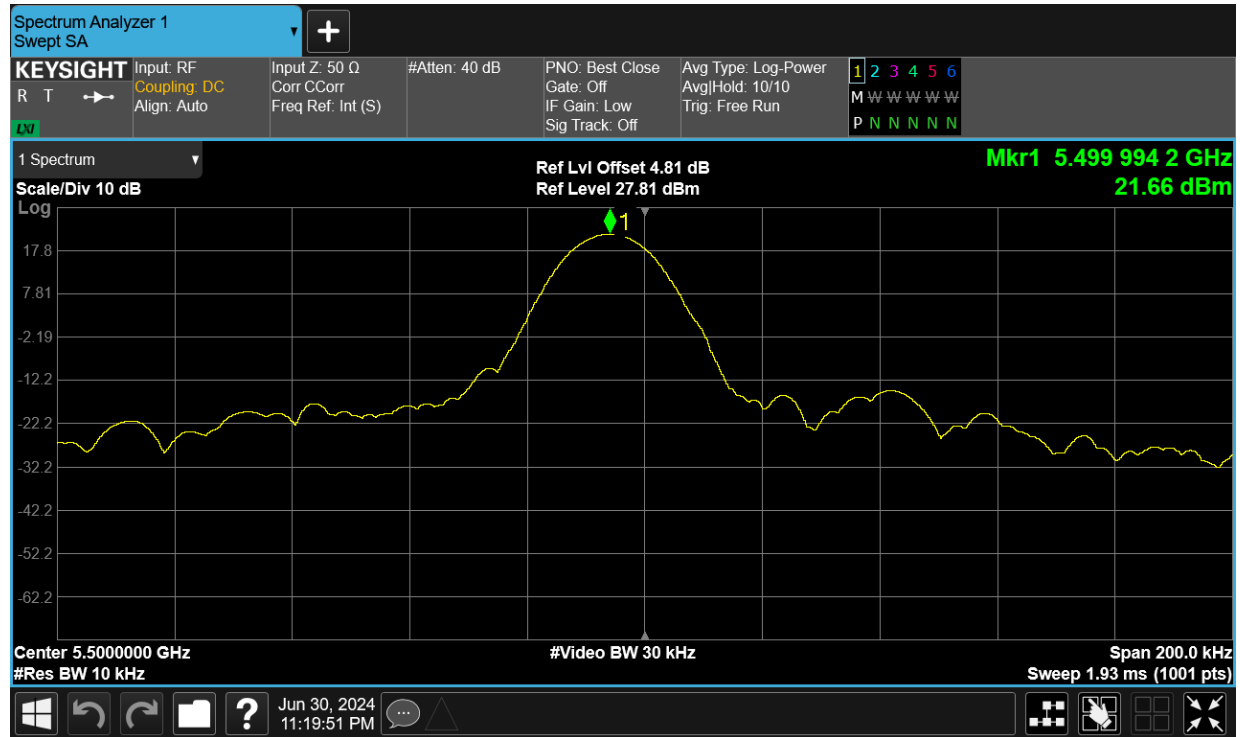
Test Data

Frequency Stability

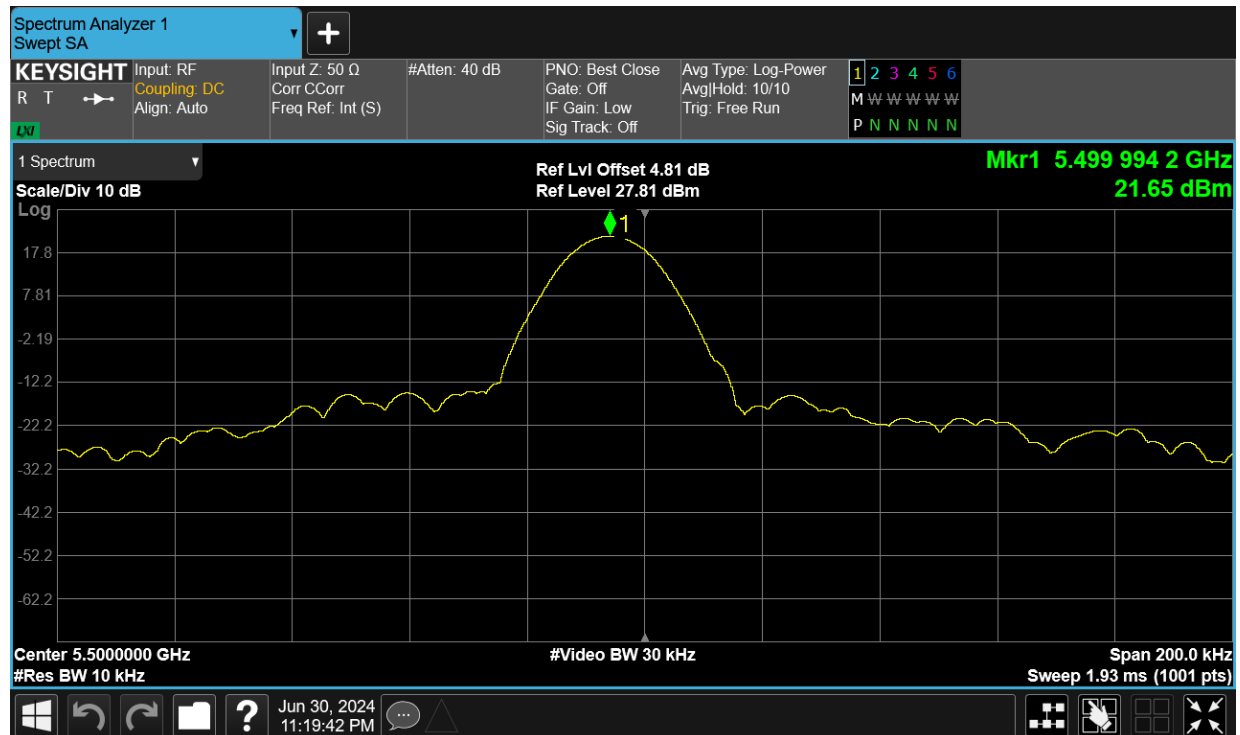
Condition	Mode	Frequency (MHz)	Antenna	Measured Frequency (MHz)	Deviation (ppm)	Limit (ppm)	Verdict
HVNT	a	5500	Ant2	5499.9942	-1.05	Within authorized band	Pass
LVNT	a	5500	Ant2	5499.9942	-1.05		Pass
NVHT	a	5500	Ant2	5499.9944	-1.02		Pass
NVLT	a	5500	Ant2	5499.9946	-0.98		Pass
NVNT	a	5500	Ant2	5499.9944	-1.02		Pass
HVNT	ac80	5530	Ant2	5529.9944	-1.01		Pass
LVNT	ac80	5530	Ant2	5529.9944	-1.01		Pass
NVHT	ac80	5530	Ant2	5529.9946	-0.98		Pass
NVLT	ac80	5530	Ant2	5529.9956	-0.8		Pass
NVNT	ac80	5530	Ant2	5529.9948	-0.94		Pass
HVNT	n40	5510	Ant2	5509.994	-1.09		Pass
LVNT	n40	5510	Ant2	5509.9942	-1.05		Pass
NVHT	n40	5510	Ant2	5509.9942	-1.05		Pass
NVLT	n40	5510	Ant2	5509.9944	-1.02		Pass
NVNT	n40	5510	Ant2	5509.9946	-0.98		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

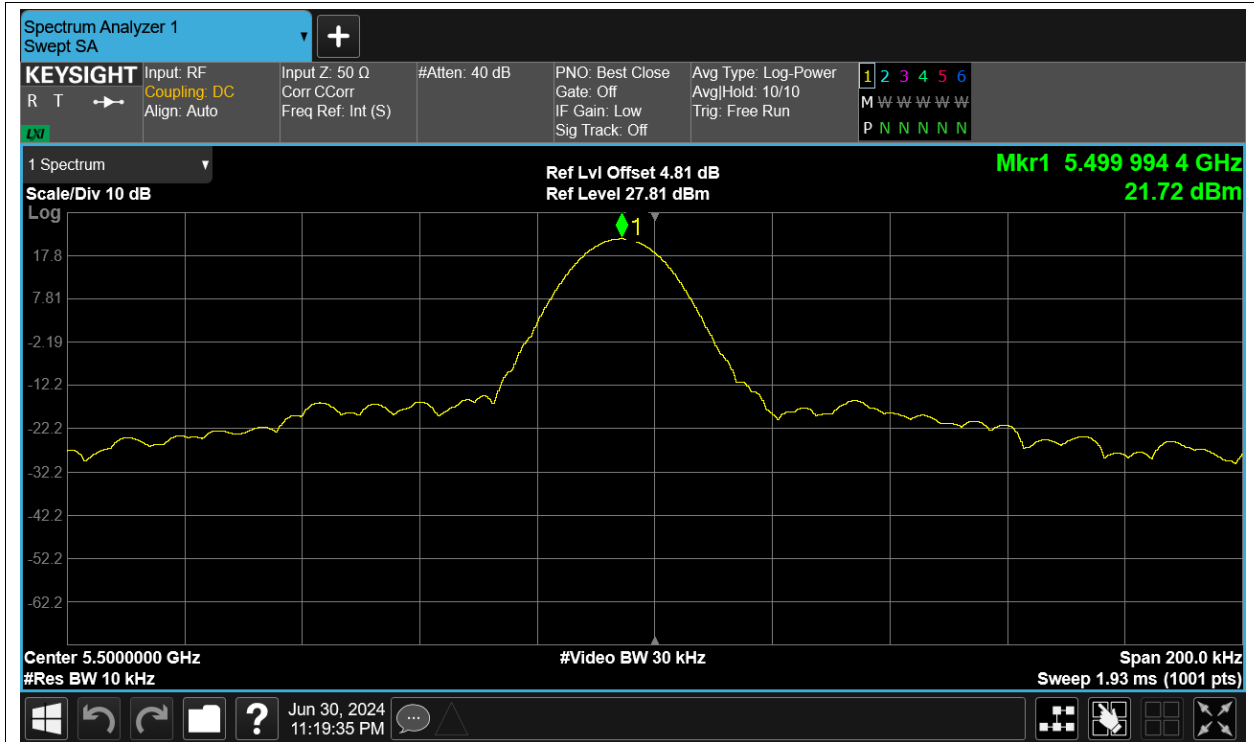
Freq. Stability HVNT a 5500MHz Ant2



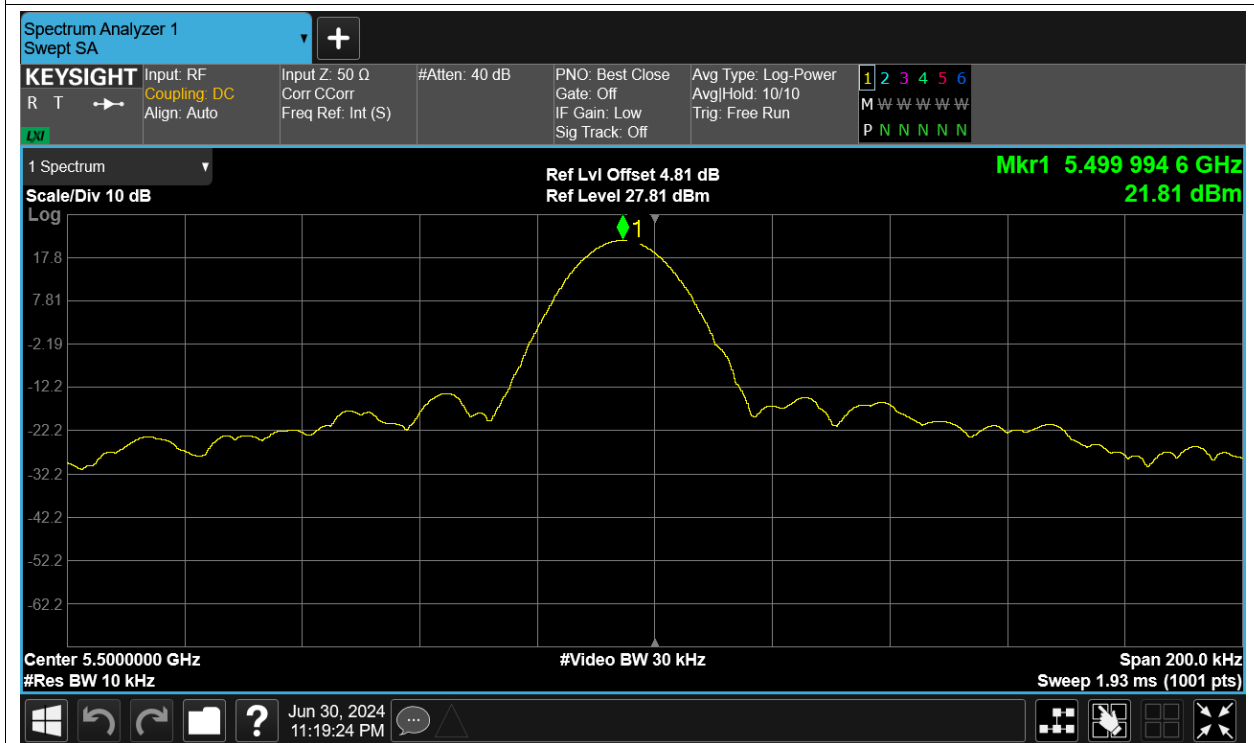
Freq. Stability LVNT a 5500MHz Ant2



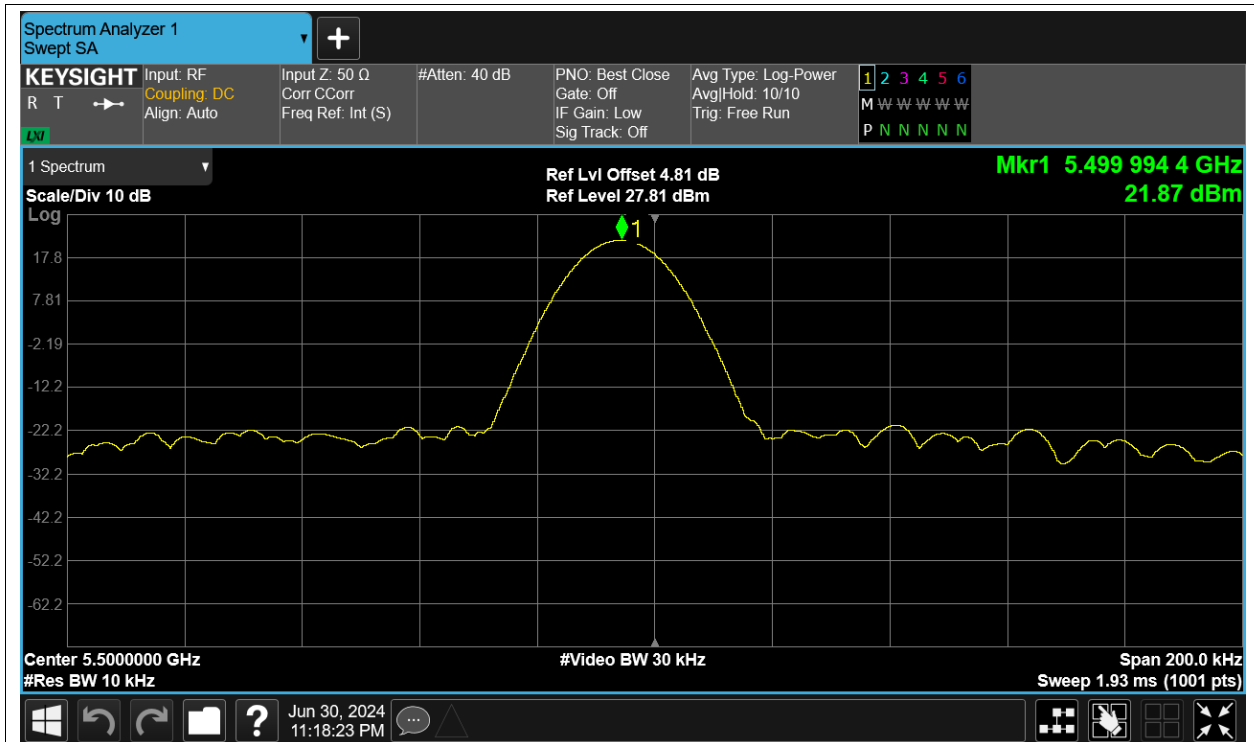
Freq. Stability NVHT a 5500MHz Ant2



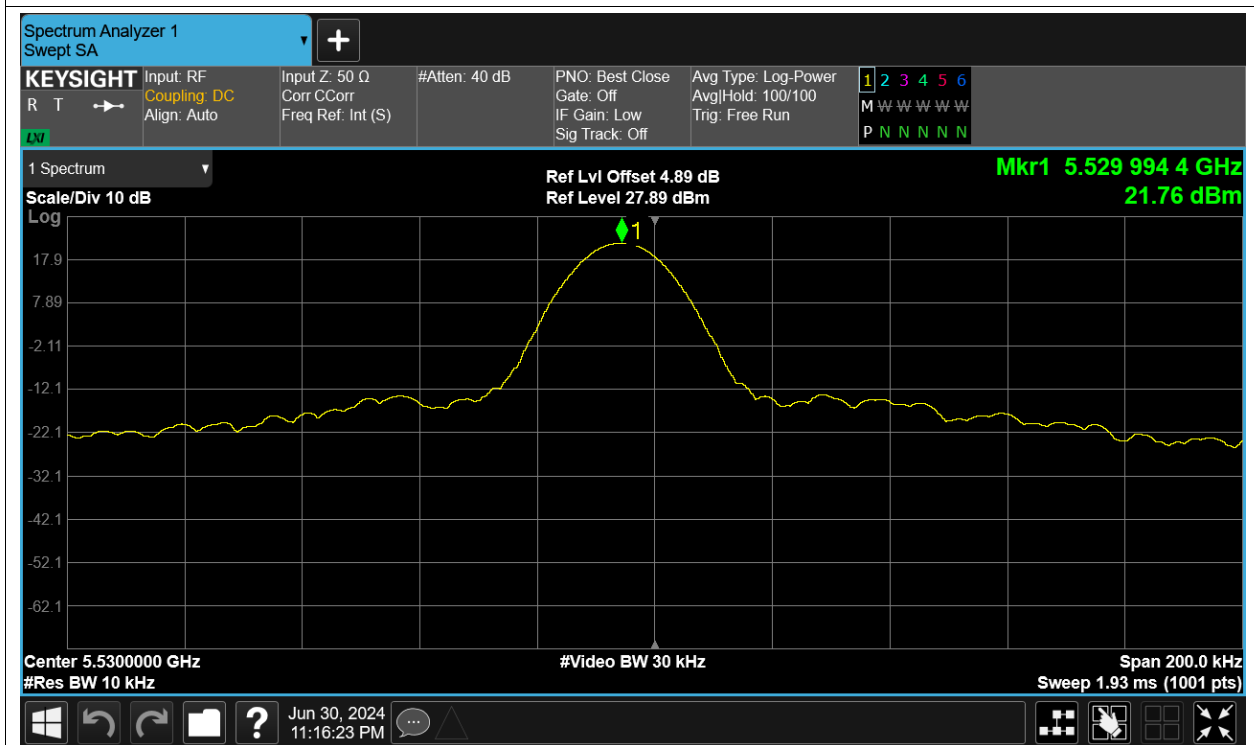
Freq. Stability NVLT a 5500MHz Ant2



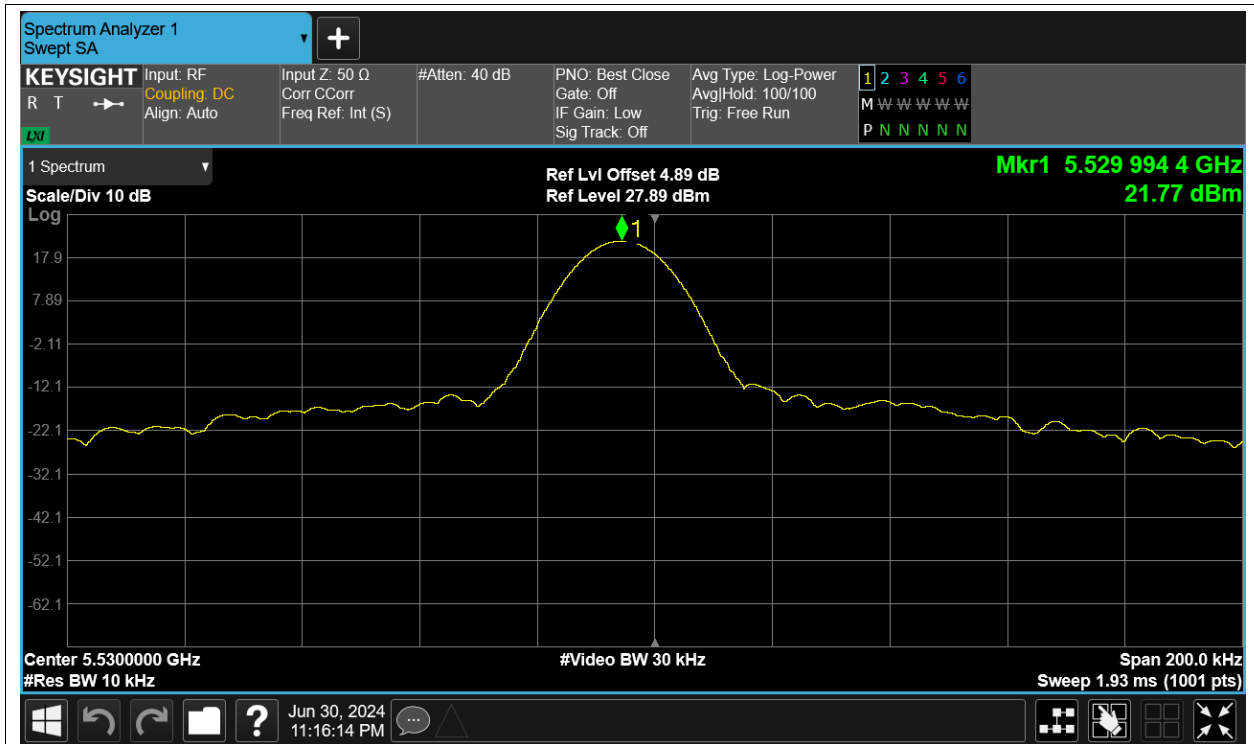
Freq. Stability NVNT a 5500MHz Ant2



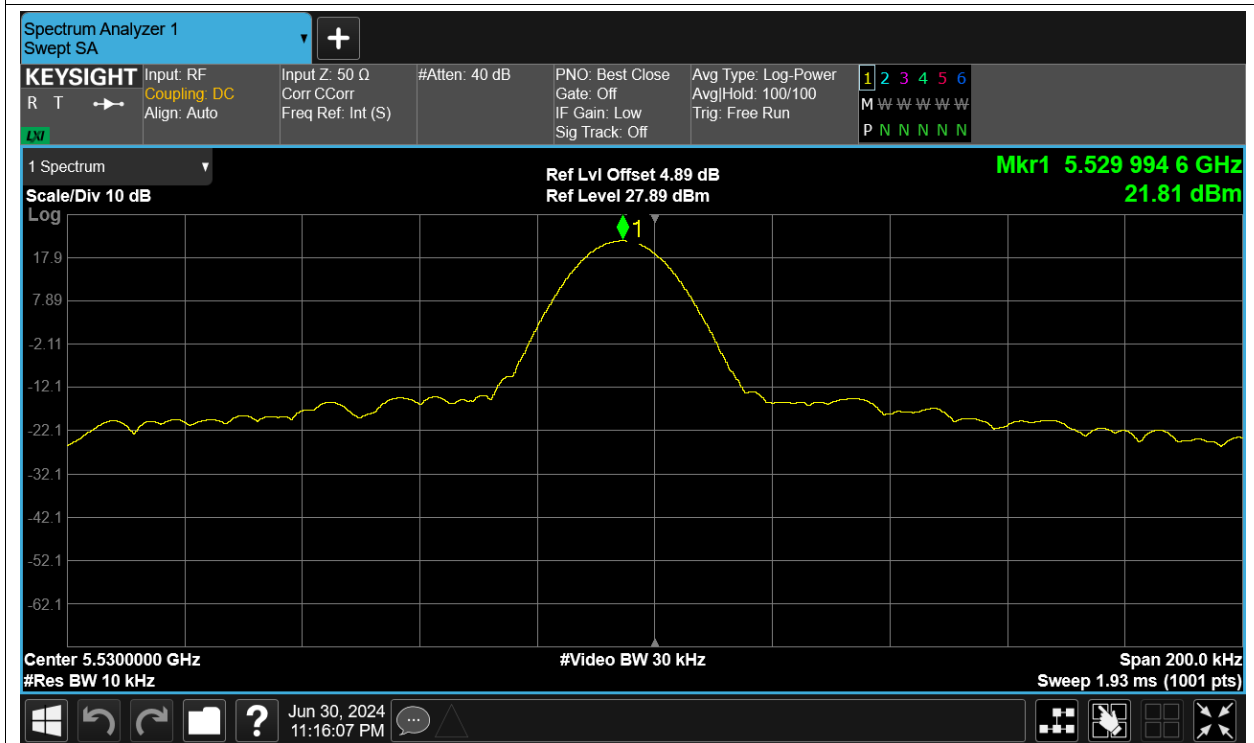
Freq. Stability HVNT ac80 5530MHz Ant2



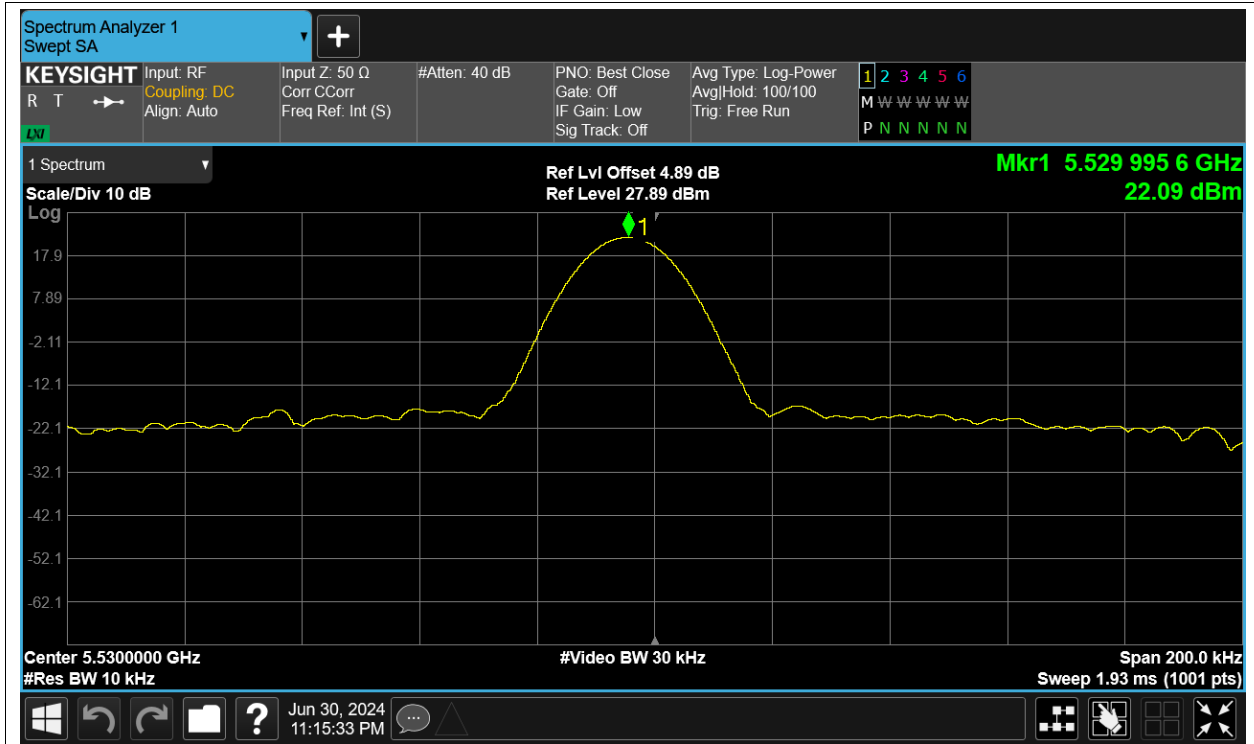
Freq. Stability LVNT ac80 5530MHz Ant2



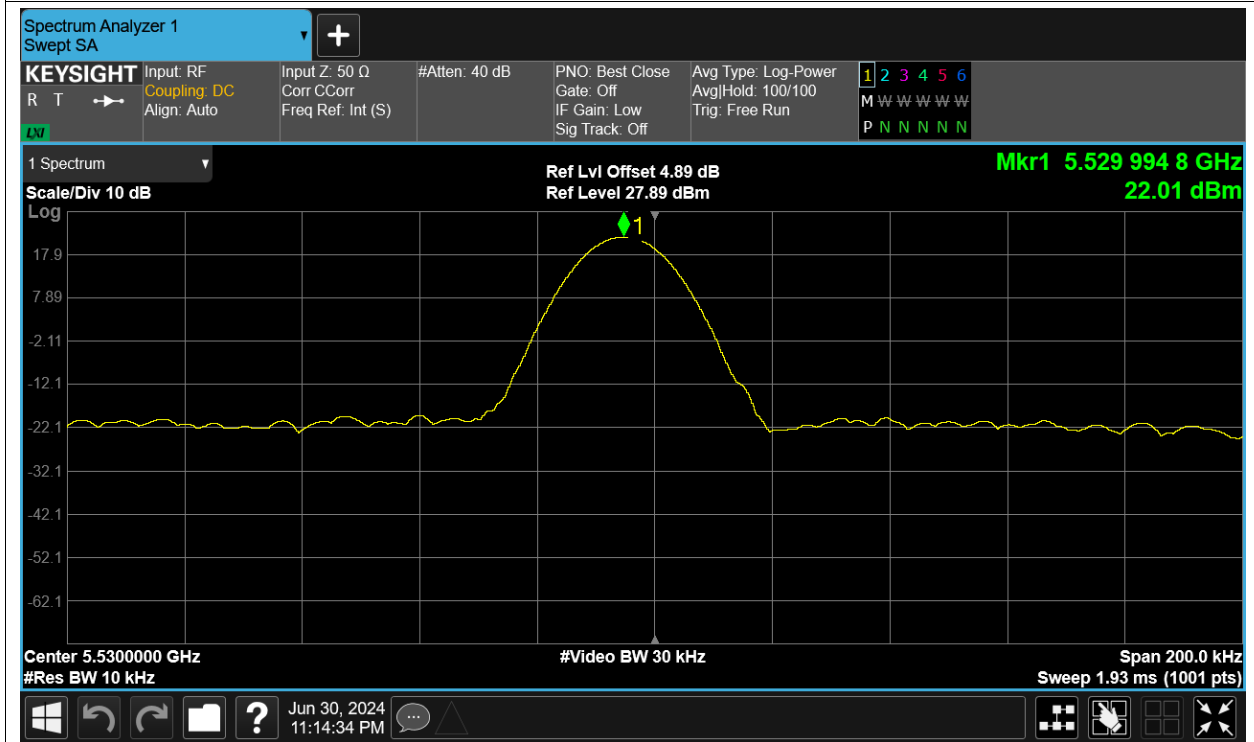
Freq. Stability NVHT ac80 5530MHz Ant2



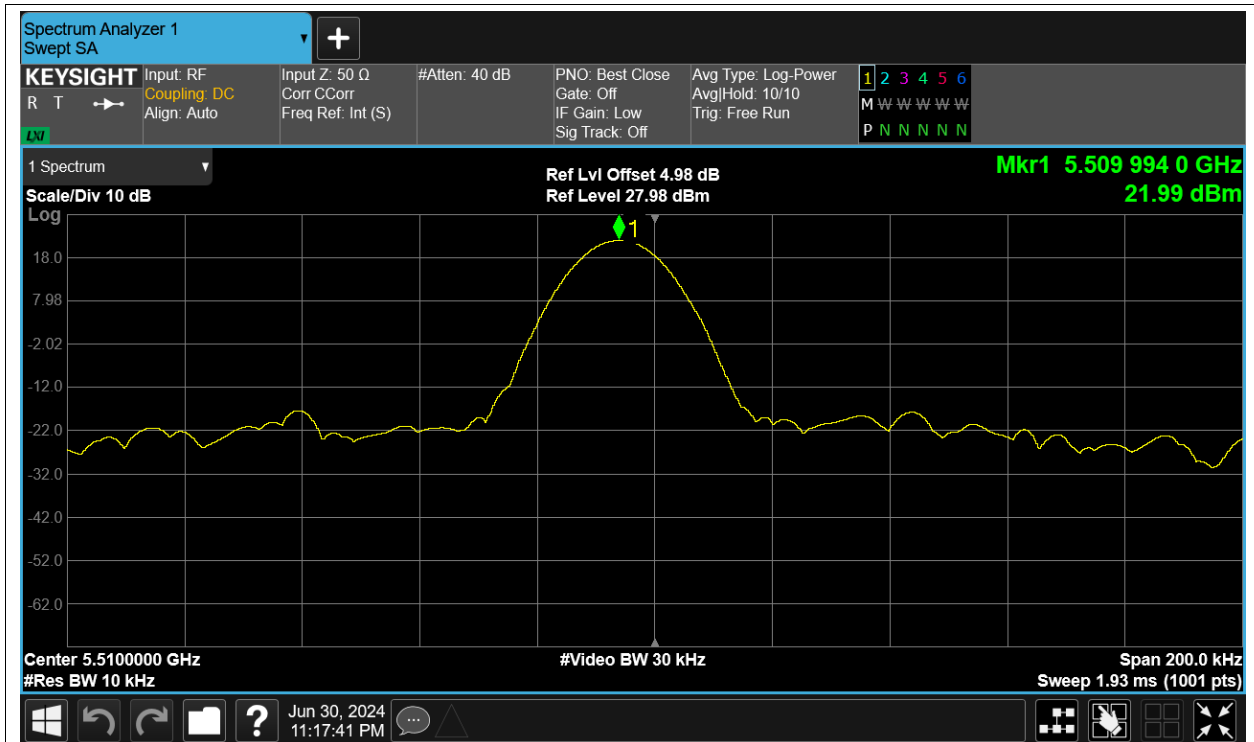
Freq. Stability NVLT ac80 5530MHz Ant2



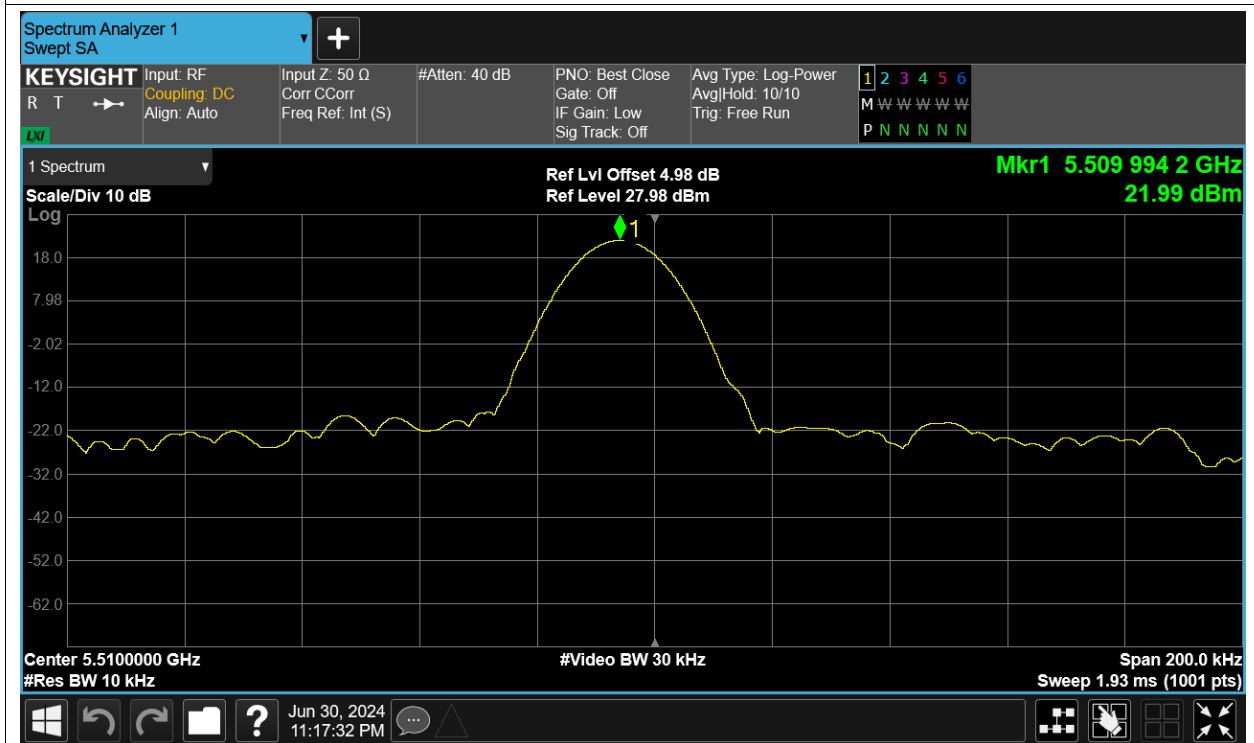
Freq. Stability NVNT ac80 5530MHz Ant2



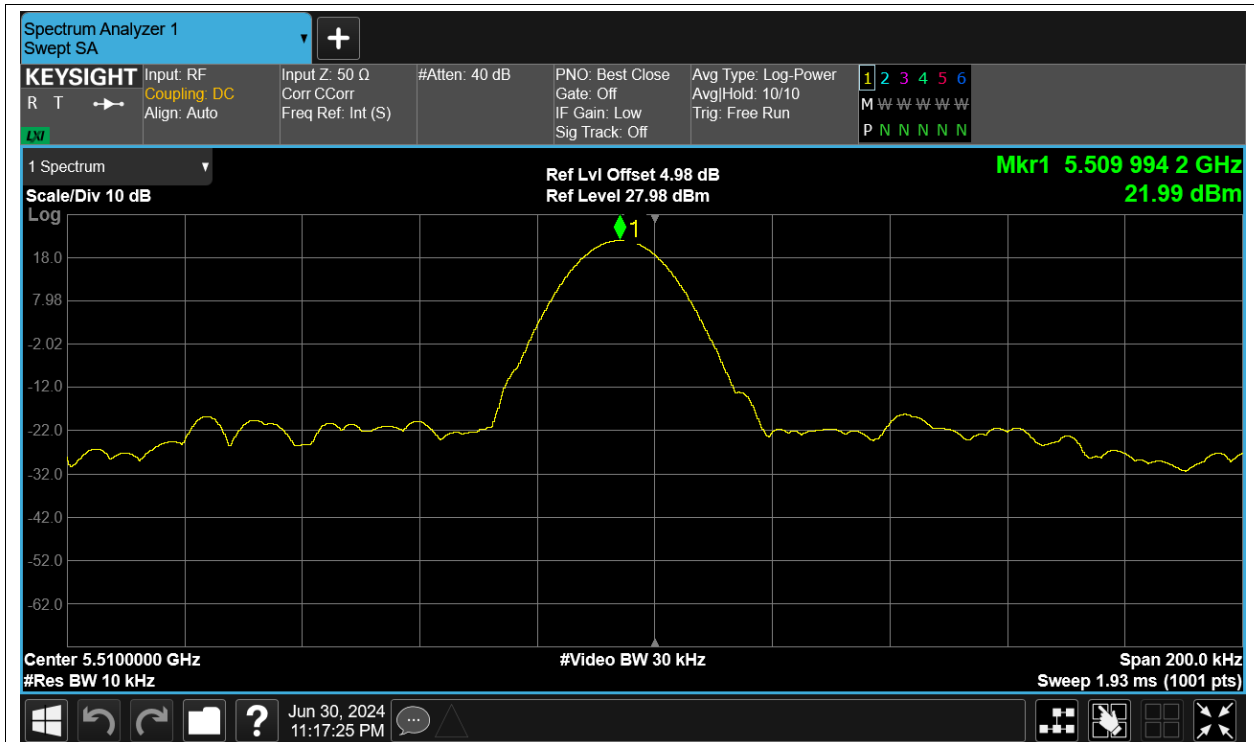
Freq. Stability HVNT n40 5510MHz Ant2



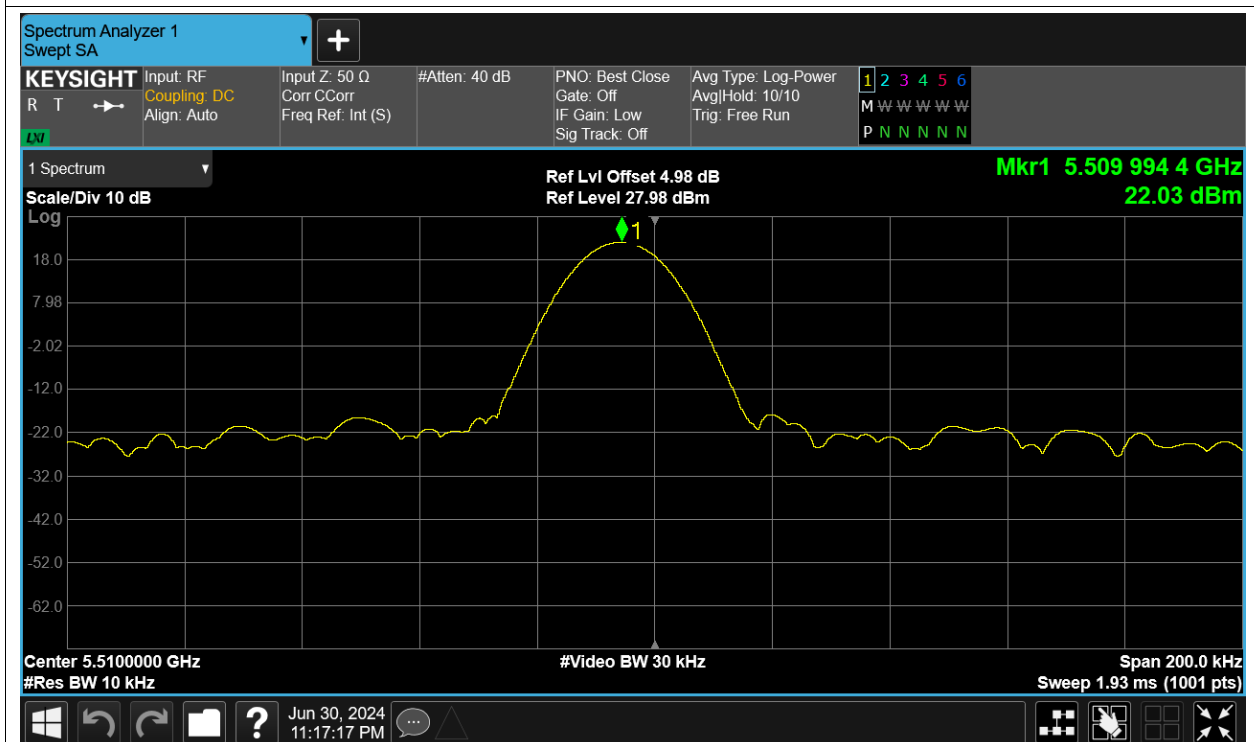
Freq. Stability LVNT n40 5510MHz Ant2



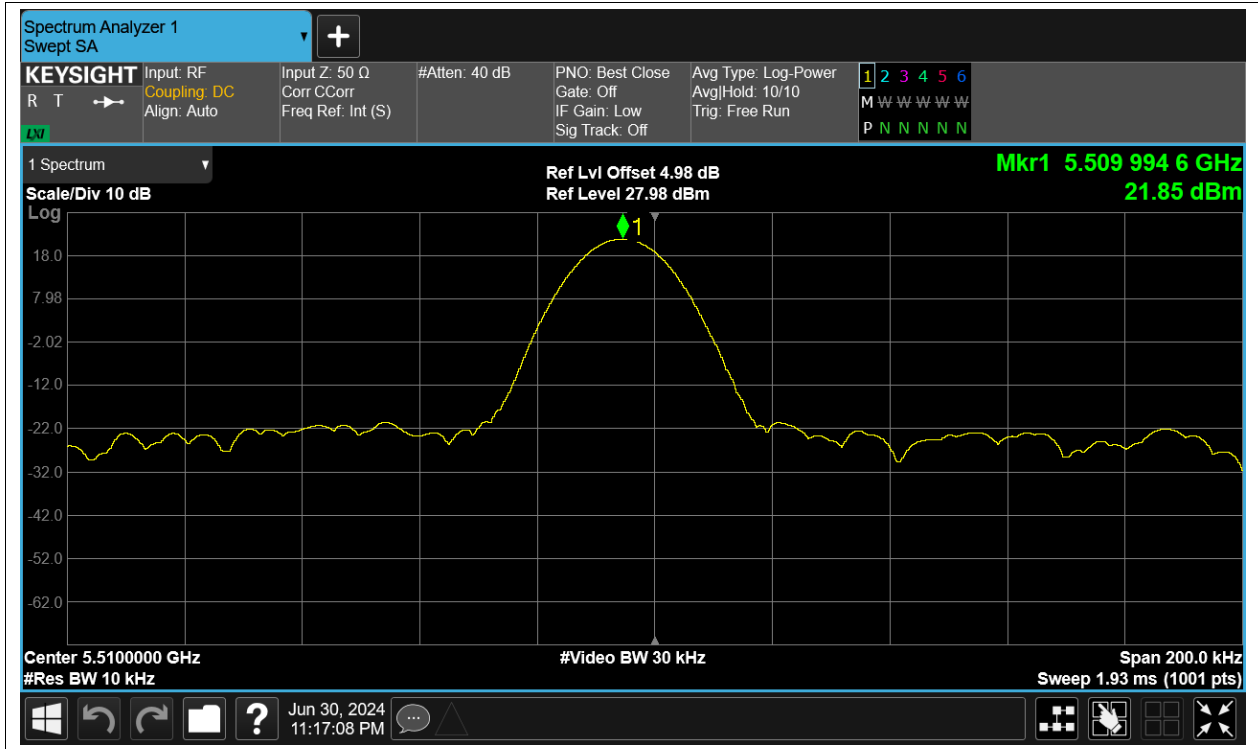
Freq. Stability NVHT n40 5510MHz Ant2



Freq. Stability NVLT n40 5510MHz Ant2



Freq. Stability NVNT n40 5510MHz Ant2

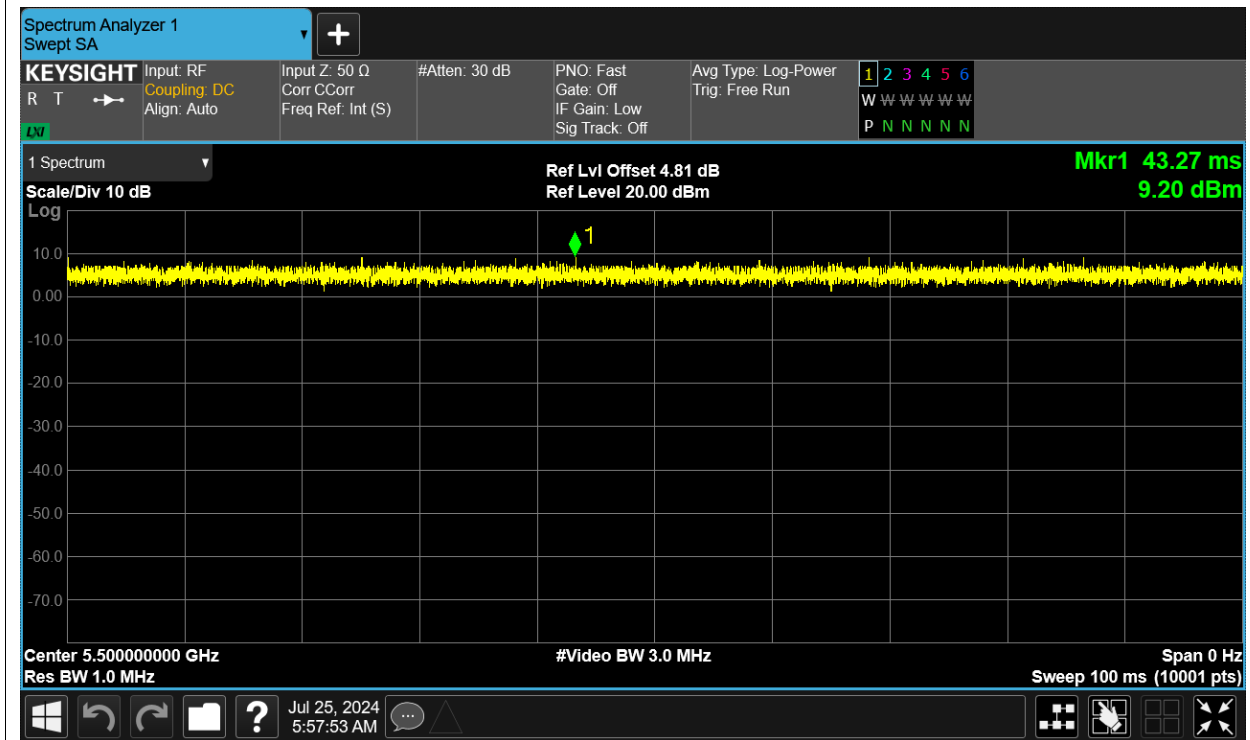


Duty Cycle

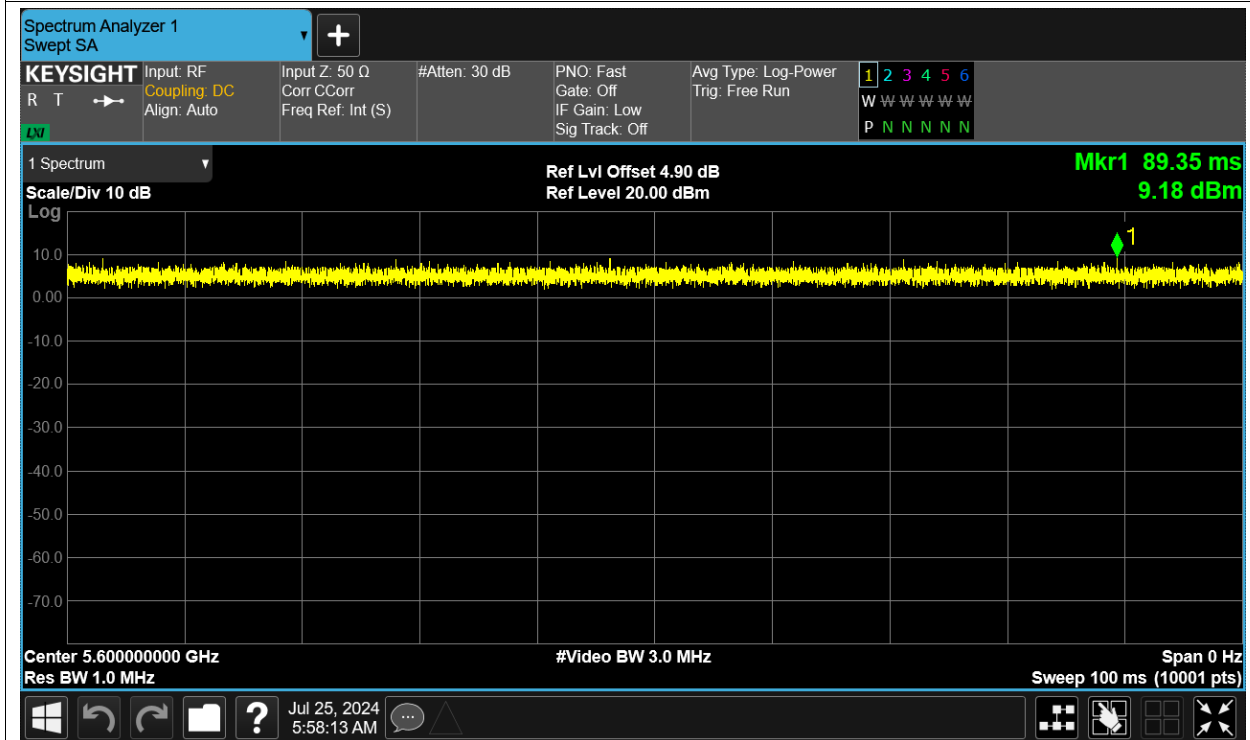
Condition	Mode	Frequency (MHz)	Antenna	Duty Cycle (%)	Correction Factor (dB)
NVNT	a	5500	Ant2	100	0
NVNT	a	5600	Ant2	100	0
NVNT	a	5700	Ant2	100	0
NVNT	ac20	5500	Ant2	100	0
NVNT	ac20	5600	Ant2	100	0
NVNT	ac20	5700	Ant2	100	0
NVNT	ac40	5510	Ant2	100	0
NVNT	ac40	5590	Ant2	100	0
NVNT	ac40	5670	Ant2	100	0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

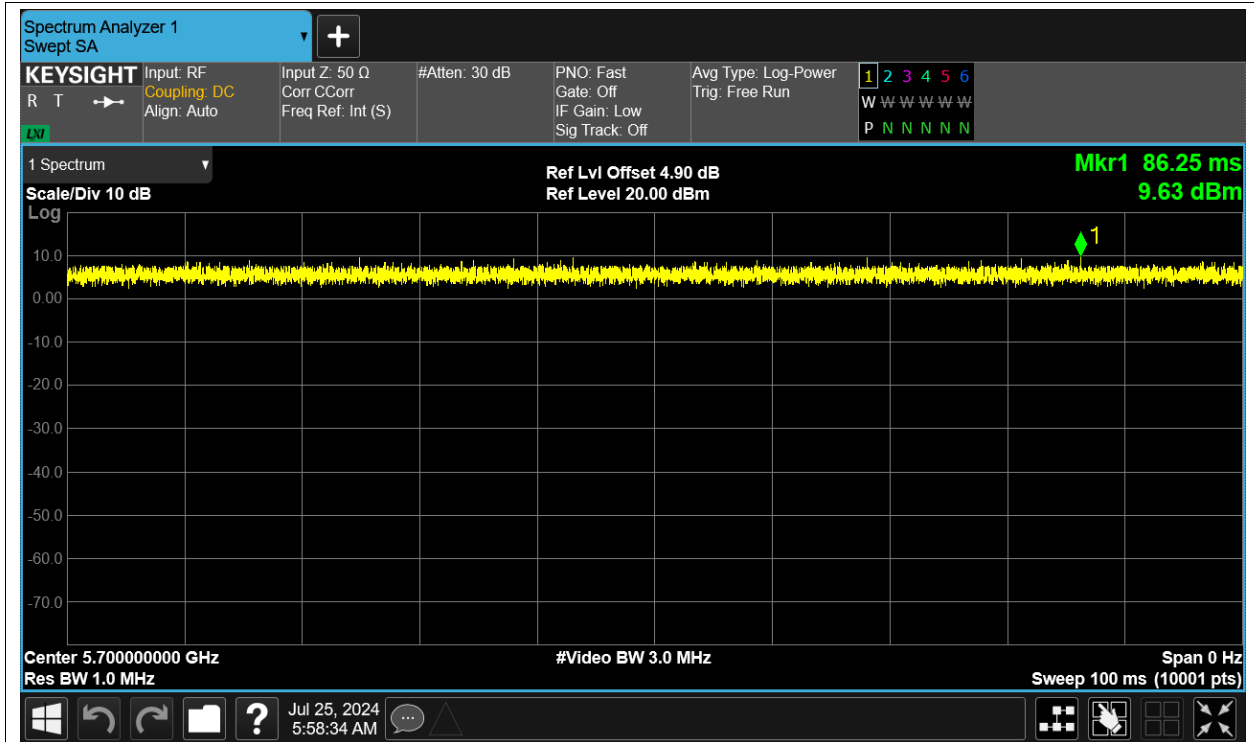
Duty Cycle NVNT a 5500MHz Ant2



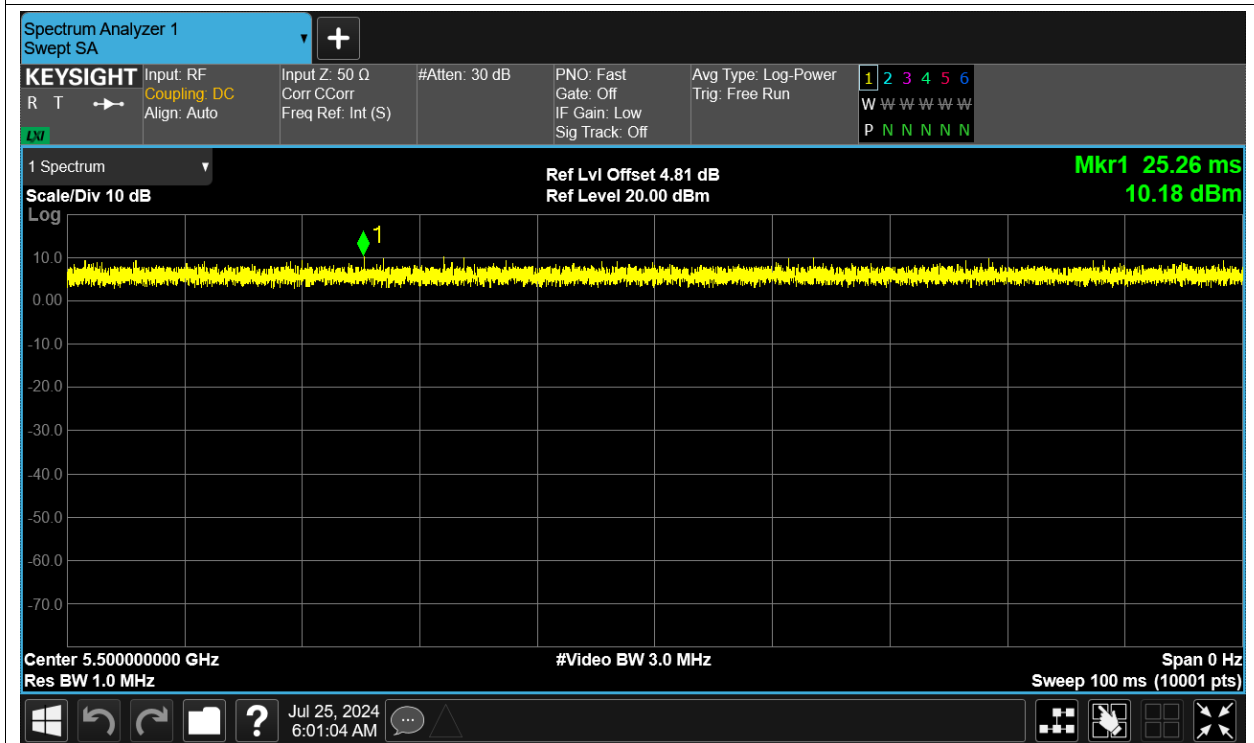
Duty Cycle NVNT a 5600MHz Ant2



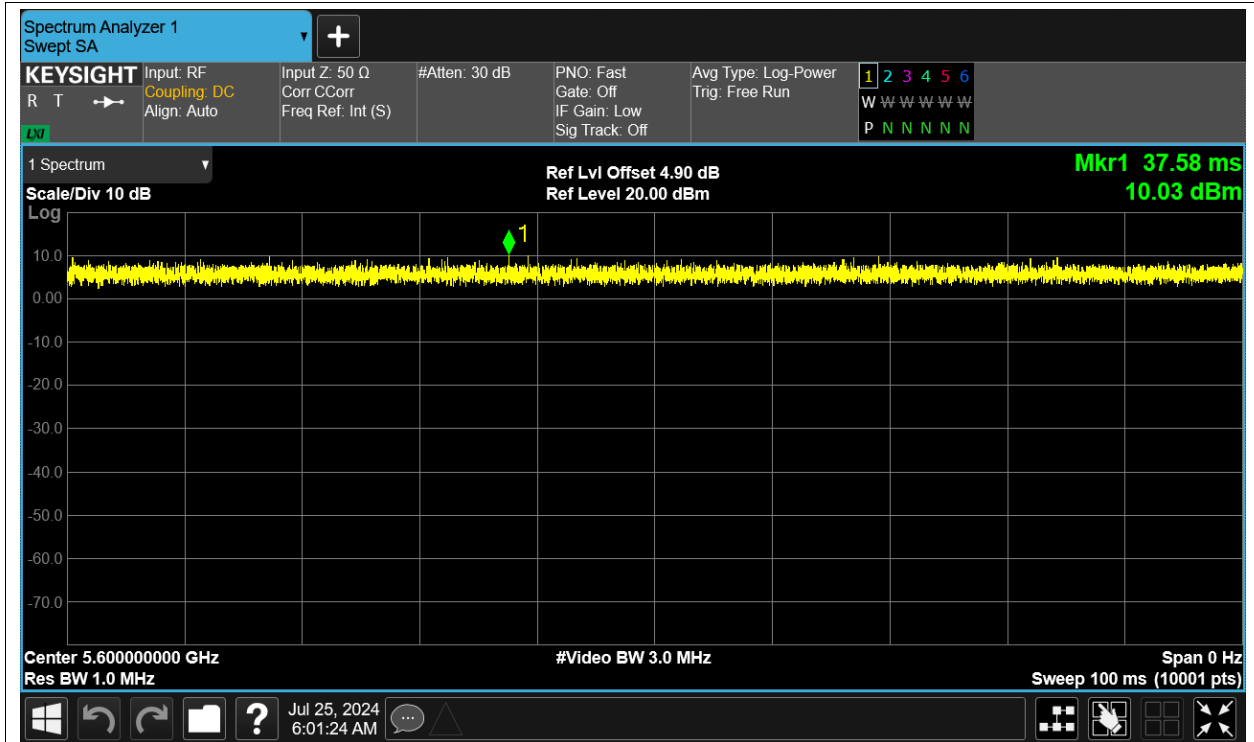
Duty Cycle NVNT a 5700MHz Ant2



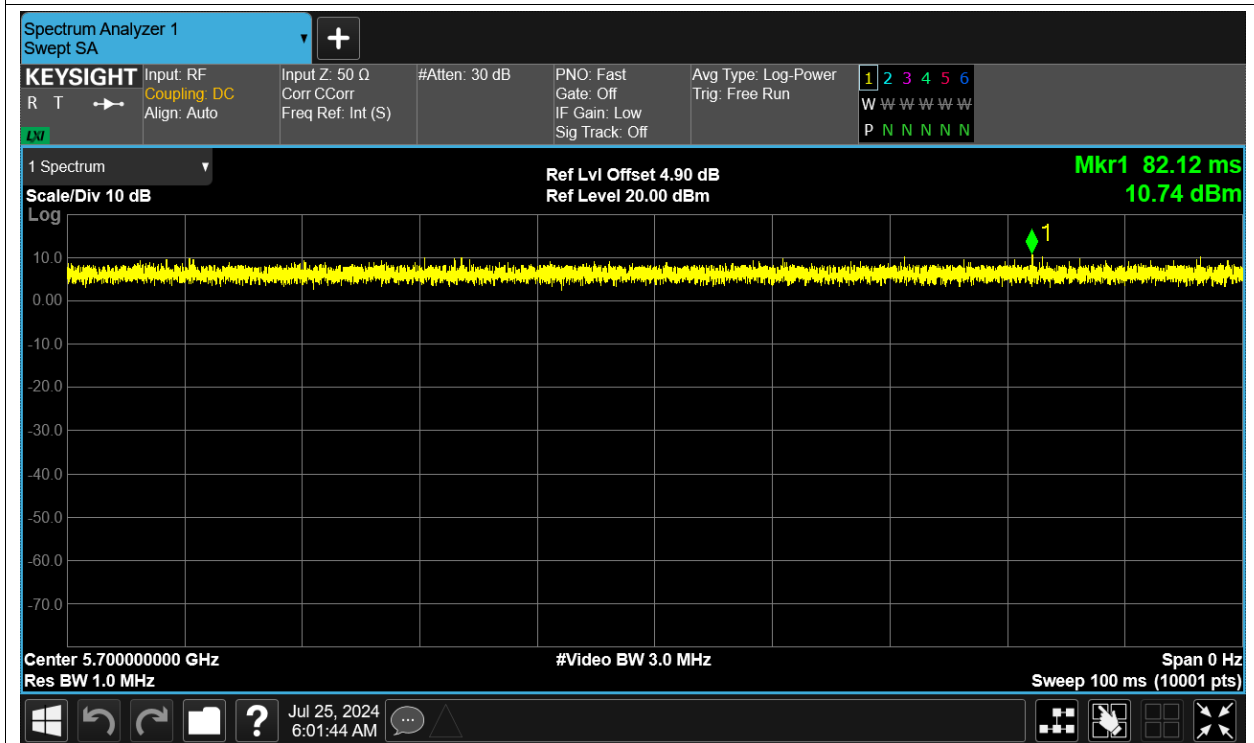
Duty Cycle NVNT ac20 5500MHz Ant2



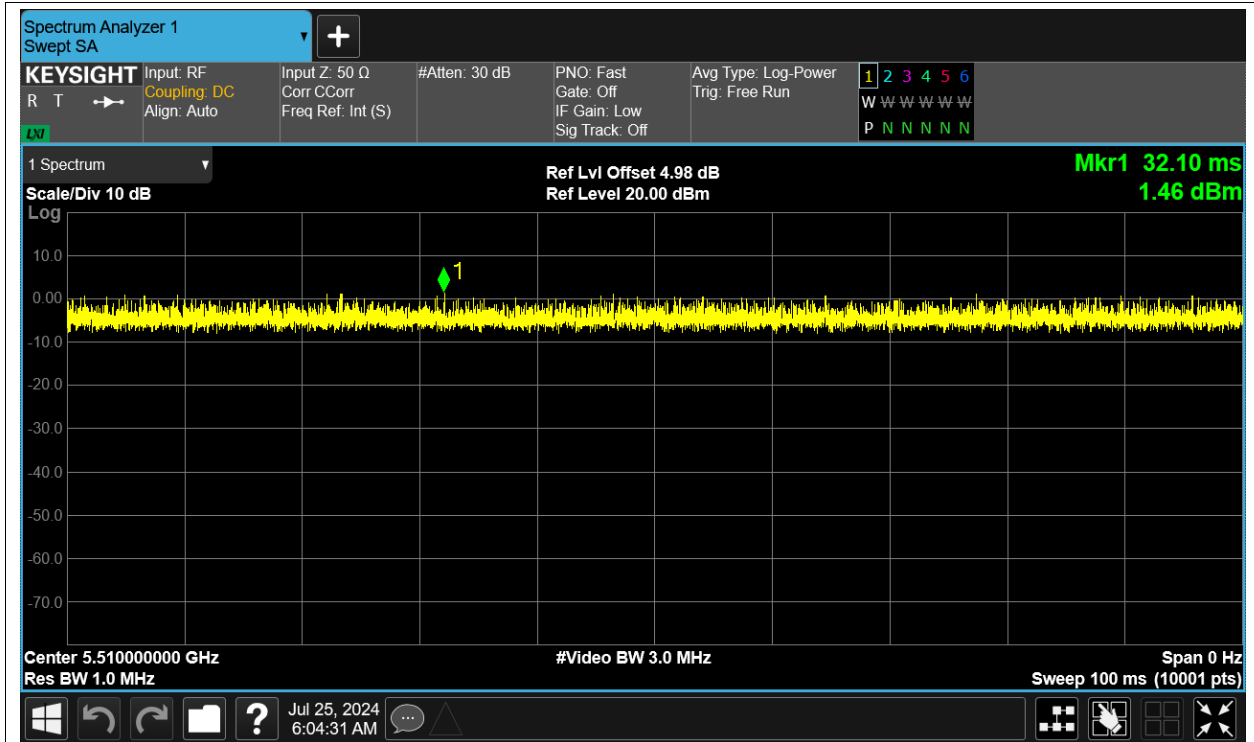
Duty Cycle NVNT ac20 5600MHz Ant2



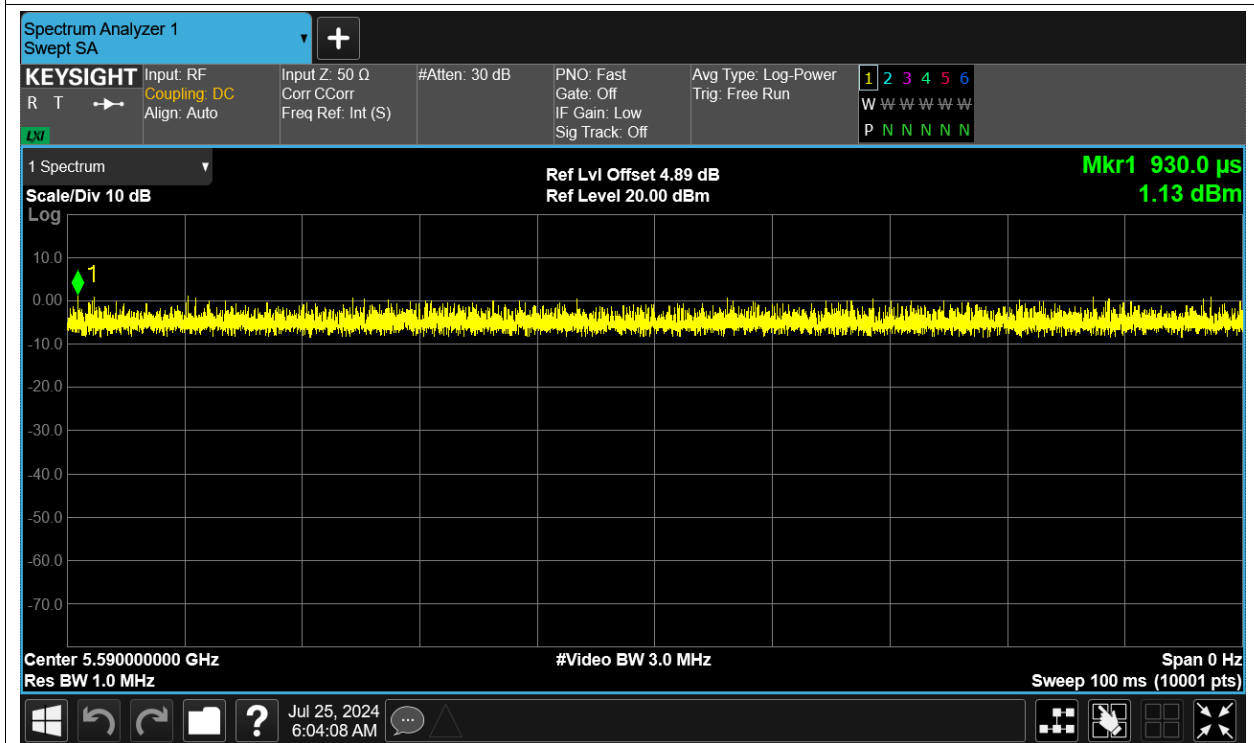
Duty Cycle NVNT ac20 5700MHz Ant2



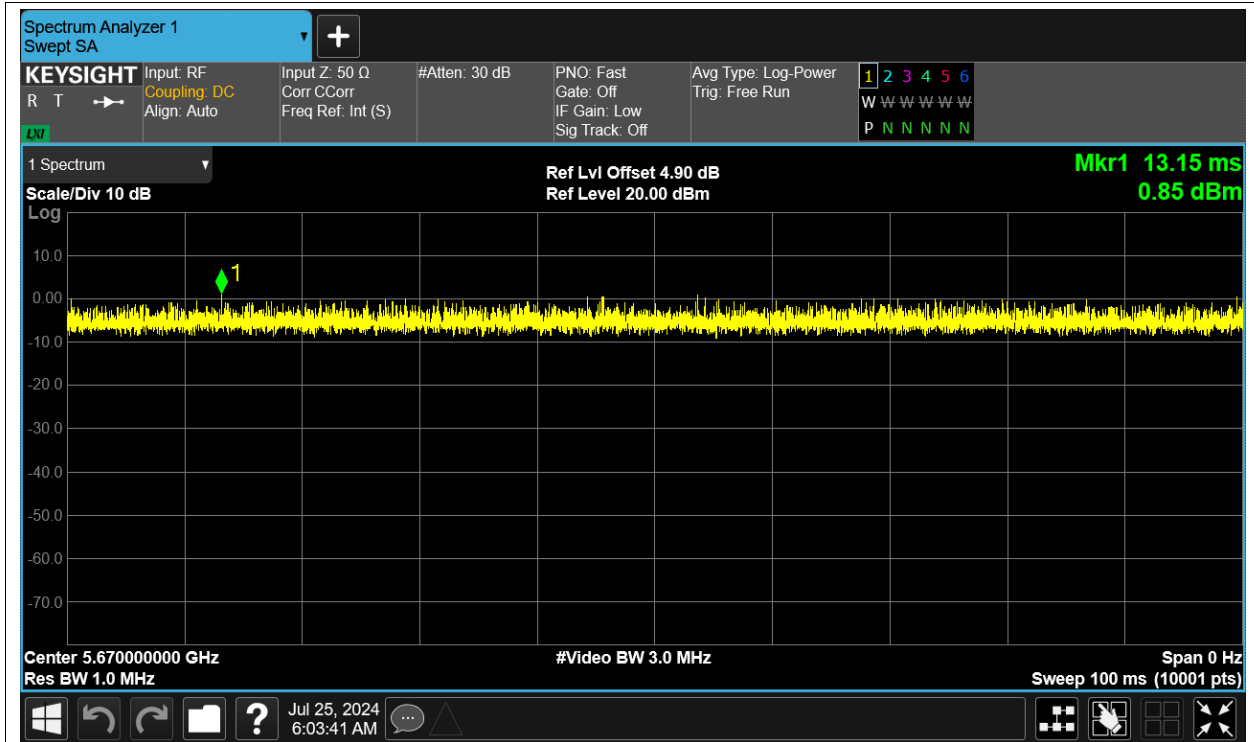
Duty Cycle NVNT ac40 5510MHz Ant2



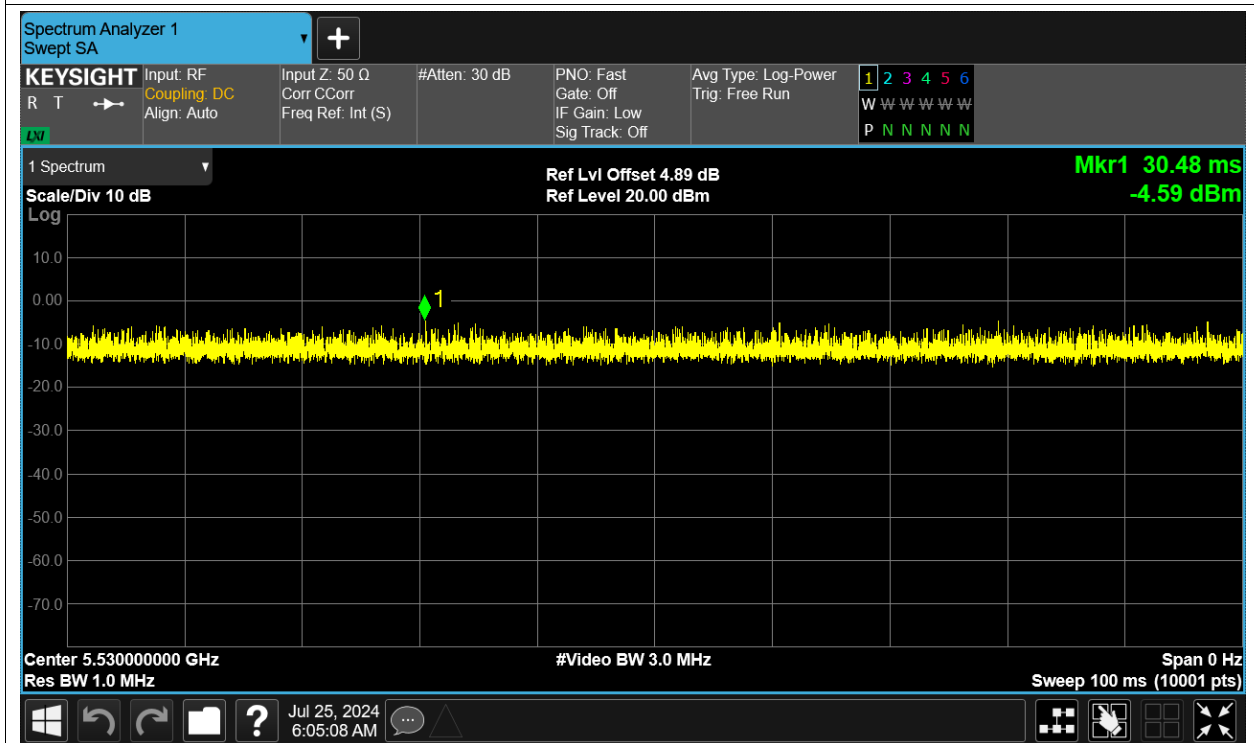
Duty Cycle NVNT ac40 5590MHz Ant2



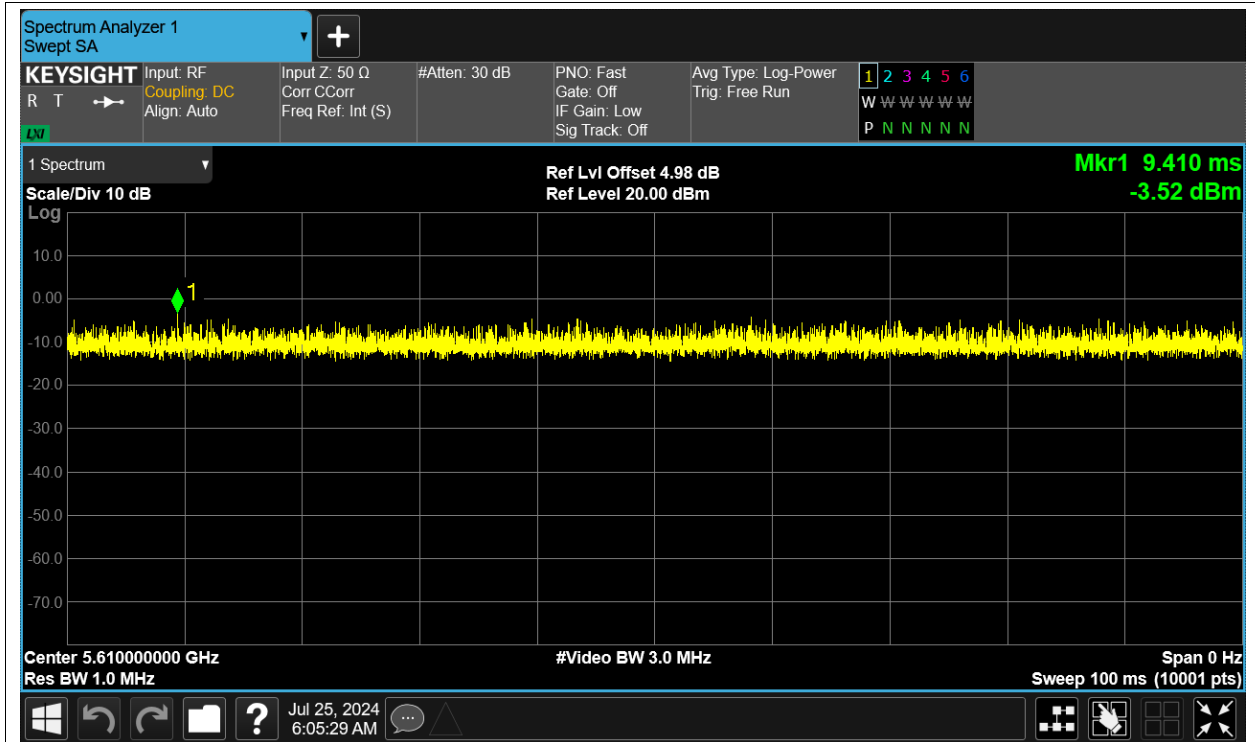
Duty Cycle NVNT ac40 5670MHz Ant2



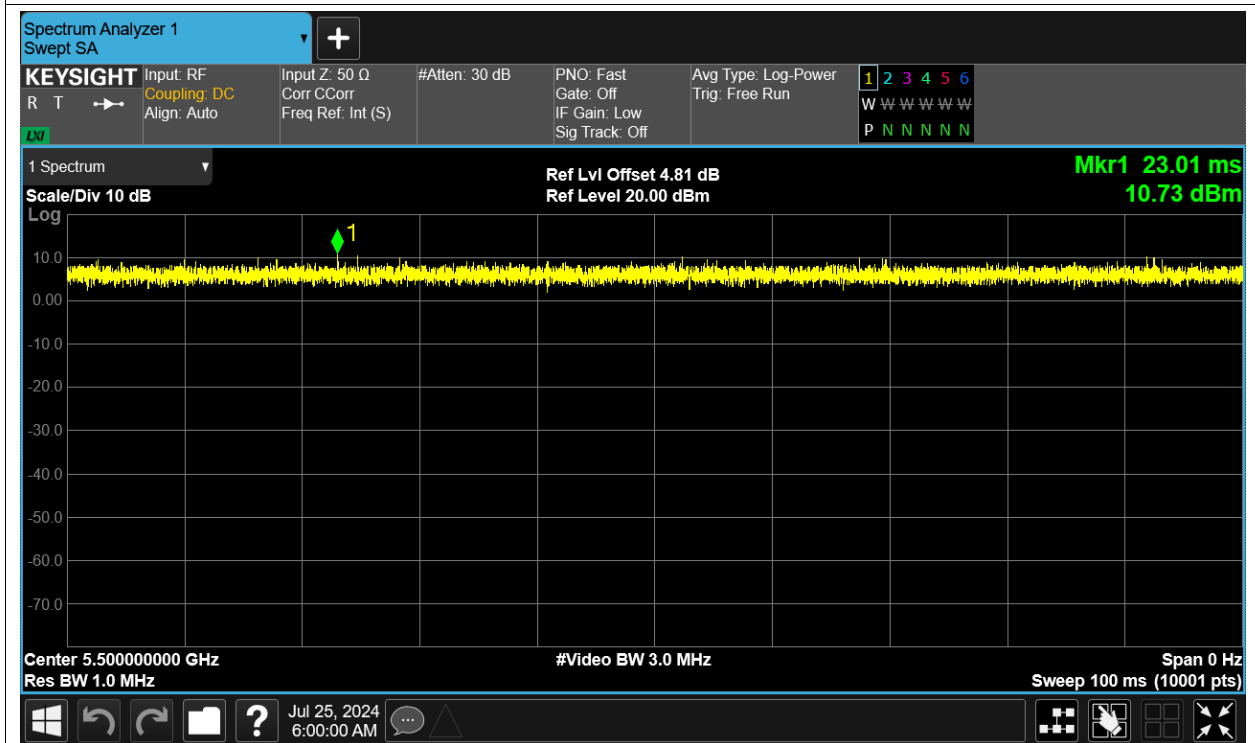
Duty Cycle NVNT ac80 5530MHz Ant2



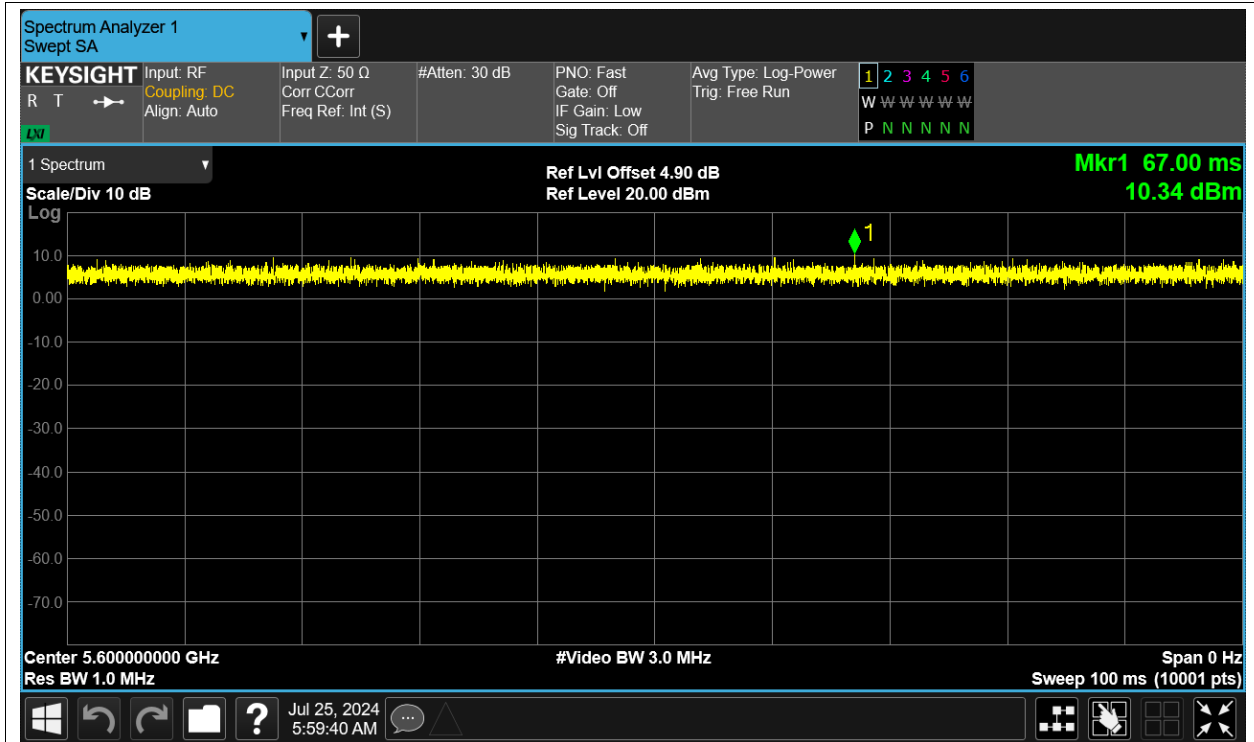
Duty Cycle NVNT ac80 5610MHz Ant2



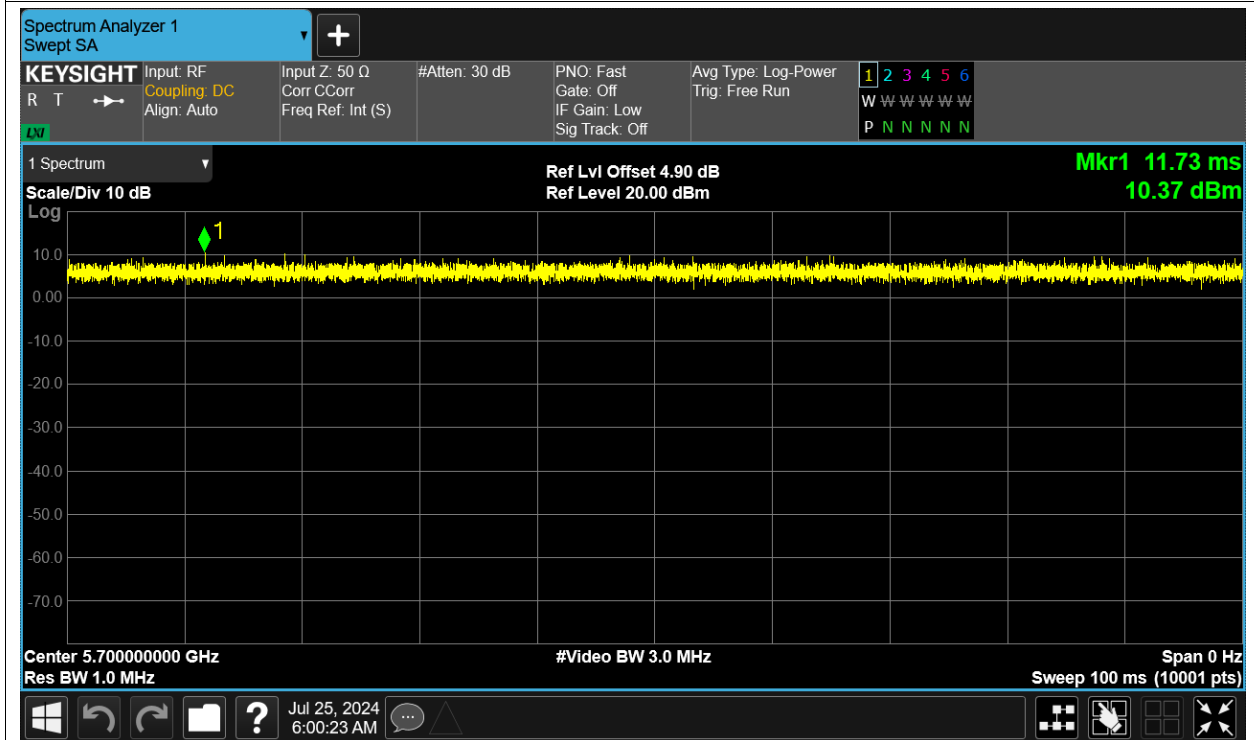
Duty Cycle NVNT n20 5500MHz Ant2



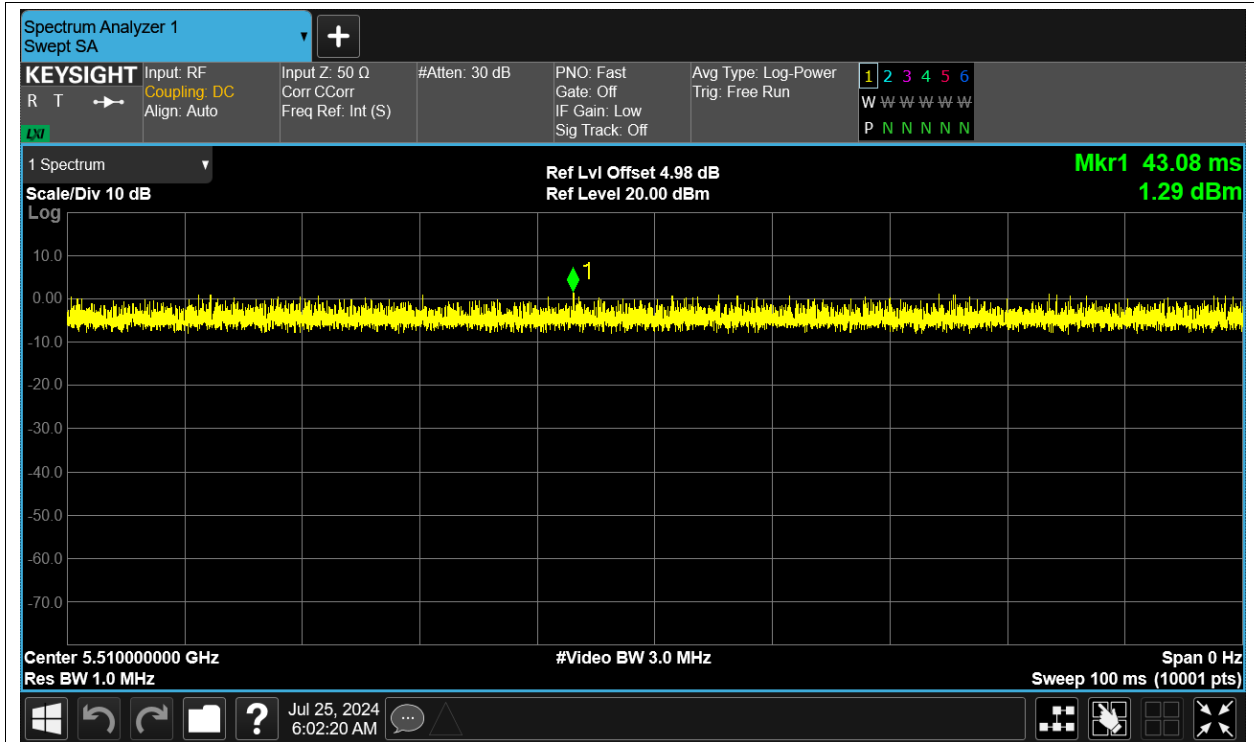
Duty Cycle NVNT n20 5600MHz Ant2



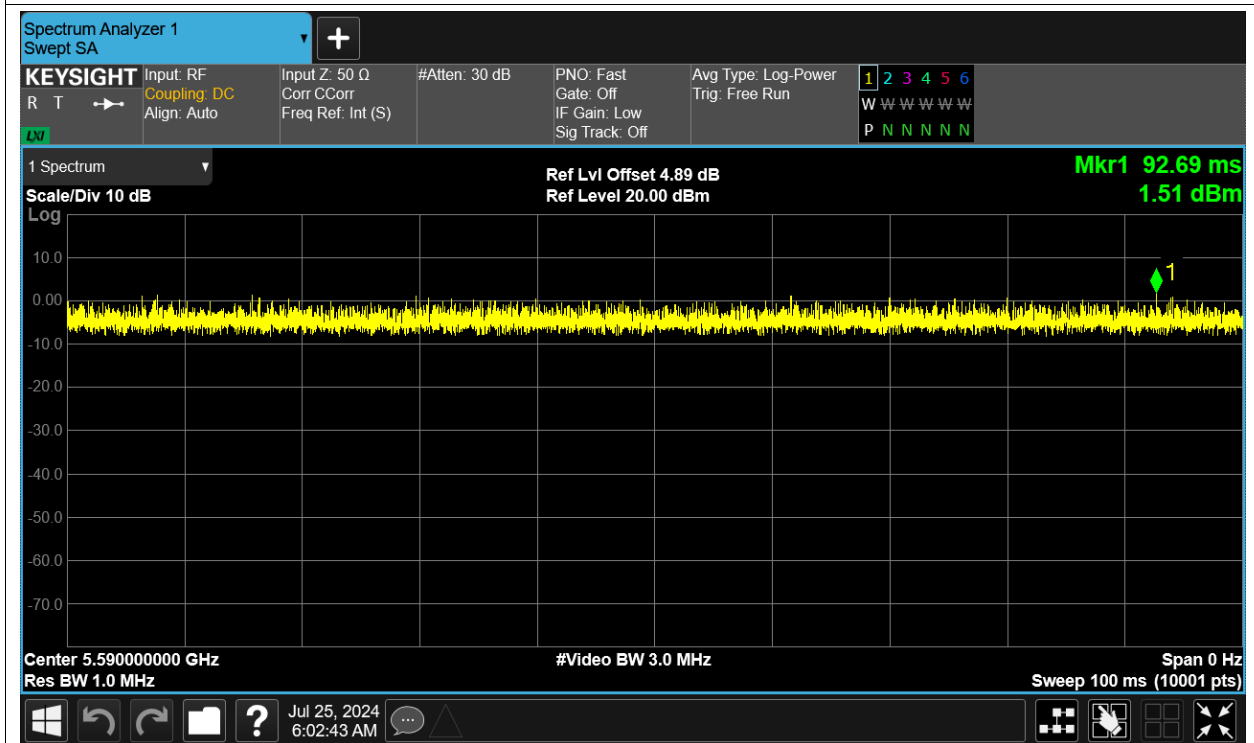
Duty Cycle NVNT n20 5700MHz Ant2



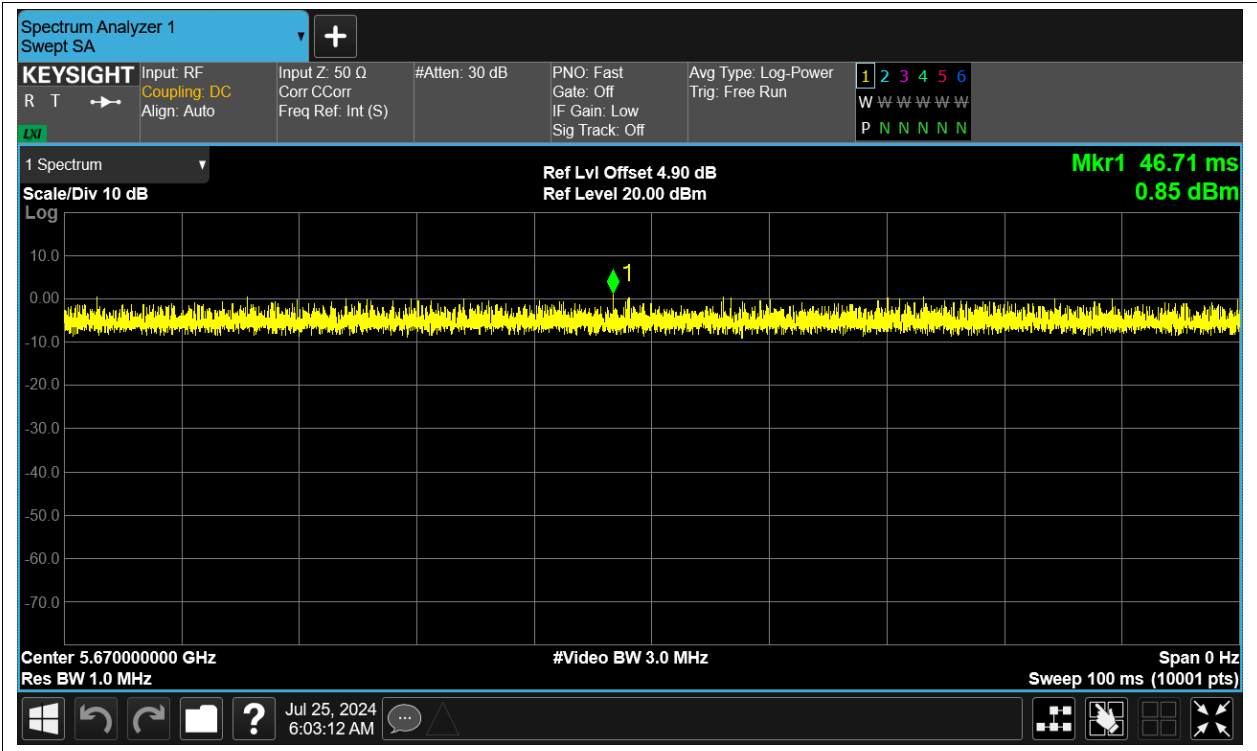
Duty Cycle NVNT n40 5510MHz Ant2



Duty Cycle NVNT n40 5590MHz Ant2



Duty Cycle NVNT n40 5670MHz Ant2



Maximum Conducted Output Power

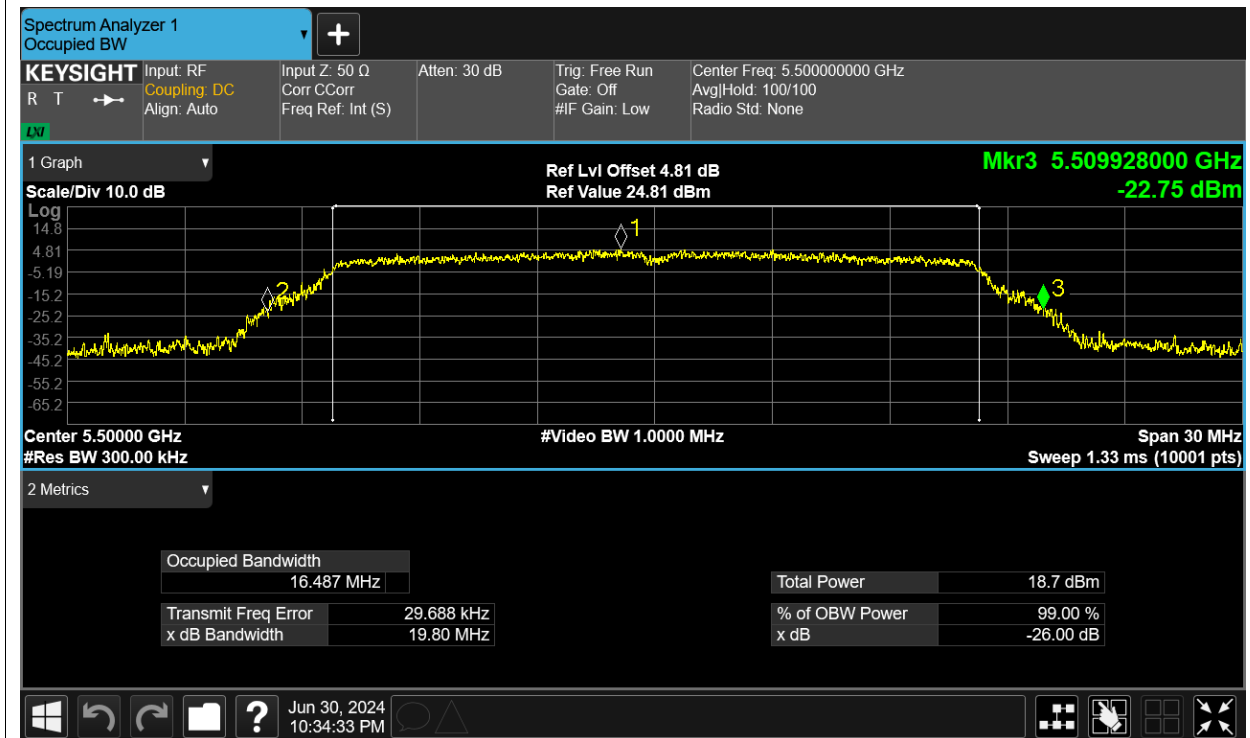
Condition	Mode	Frequency (MHz)	Antenna	Conducted Power (dBm)	Duty Factor (dB)	Total Power (dBm)	Limit (dBm)	Verdict
NVNT	a	5500	Ant2	11.71	0	11.71	24	Pass
NVNT	a	5600	Ant2	12.17	0	12.17	24	Pass
NVNT	a	5700	Ant2	12.15	0	12.15	24	Pass
NVNT	ac20	5500	Ant2	12.62	0	12.62	24	Pass
NVNT	ac20	5600	Ant2	12.93	0	12.93	24	Pass
NVNT	ac20	5700	Ant2	12.94	0	12.94	24	Pass
NVNT	ac40	5510	Ant2	8.76	0	8.76	24	Pass
NVNT	ac40	5590	Ant2	8.65	0	8.65	24	Pass
NVNT	ac40	5670	Ant2	8.82	0	8.82	24	Pass
NVNT	ac80	5530	Ant2	5.9	0	5.9	24	Pass
NVNT	ac80	5610	Ant2	6.05	0	6.05	24	Pass
NVNT	n20	5500	Ant2	12.81	0	12.81	24	Pass
NVNT	n20	5600	Ant2	12.89	0	12.89	24	Pass
NVNT	n20	5700	Ant2	12.7	0	12.7	24	Pass
NVNT	n40	5510	Ant2	8.61	0	8.61	24	Pass
NVNT	n40	5590	Ant2	8.97	0	8.97	24	Pass
NVNT	n40	5670	Ant2	8.85	0	8.85	24	Pass

-26dB Bandwidth

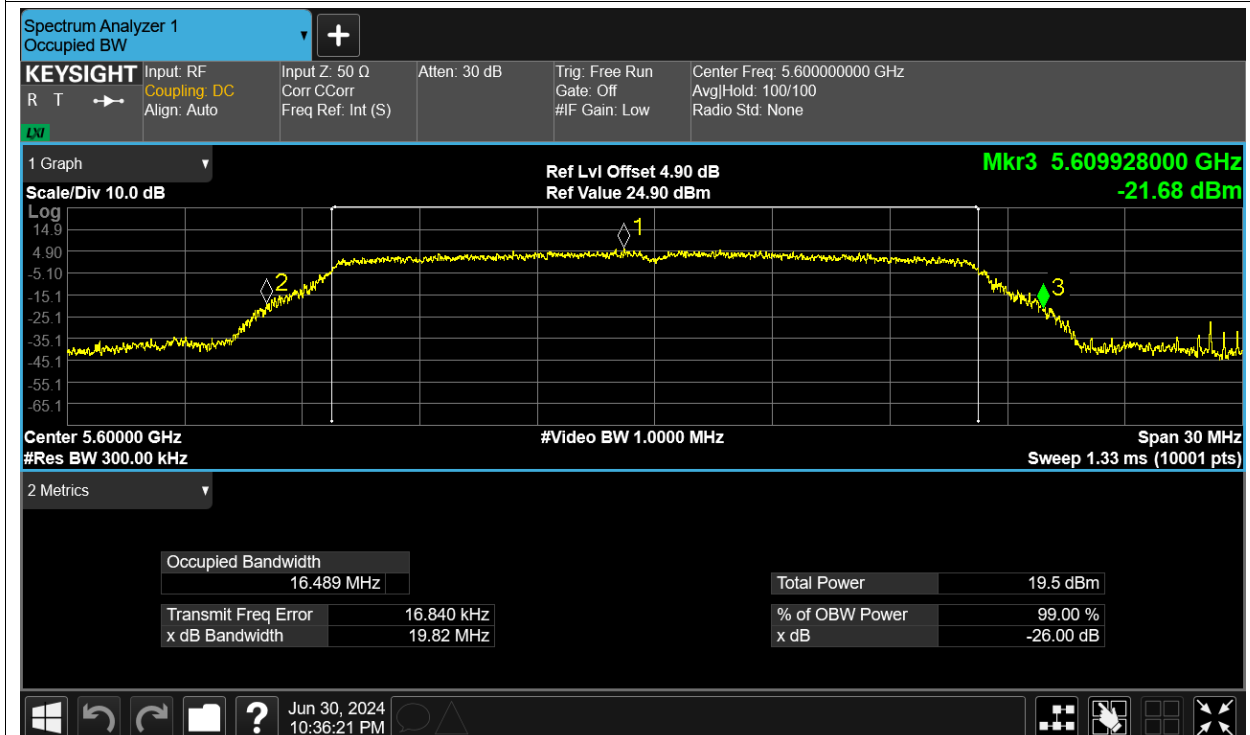
Condition	Mode	Frequency (MHz)	Antenna	-26 dB Bandwidth (MHz)
NVNT	a	5500	Ant2	19.796
NVNT	a	5600	Ant2	19.822
NVNT	a	5700	Ant2	20.042
NVNT	ac20	5500	Ant2	20.187
NVNT	ac20	5600	Ant2	20.349
NVNT	ac20	5700	Ant2	20.352
NVNT	ac40	5510	Ant2	39.506
NVNT	ac40	5590	Ant2	39.686
NVNT	ac40	5670	Ant2	39.686
NVNT	ac80	5530	Ant2	79.066
NVNT	ac80	5610	Ant2	78.668
NVNT	n20	5500	Ant2	20.291
NVNT	n20	5600	Ant2	20.516
NVNT	n20	5700	Ant2	20.425
NVNT	n40	5510	Ant2	39.639
NVNT	n40	5590	Ant2	39.605
NVNT	n40	5670	Ant2	39.907

Test Graphs

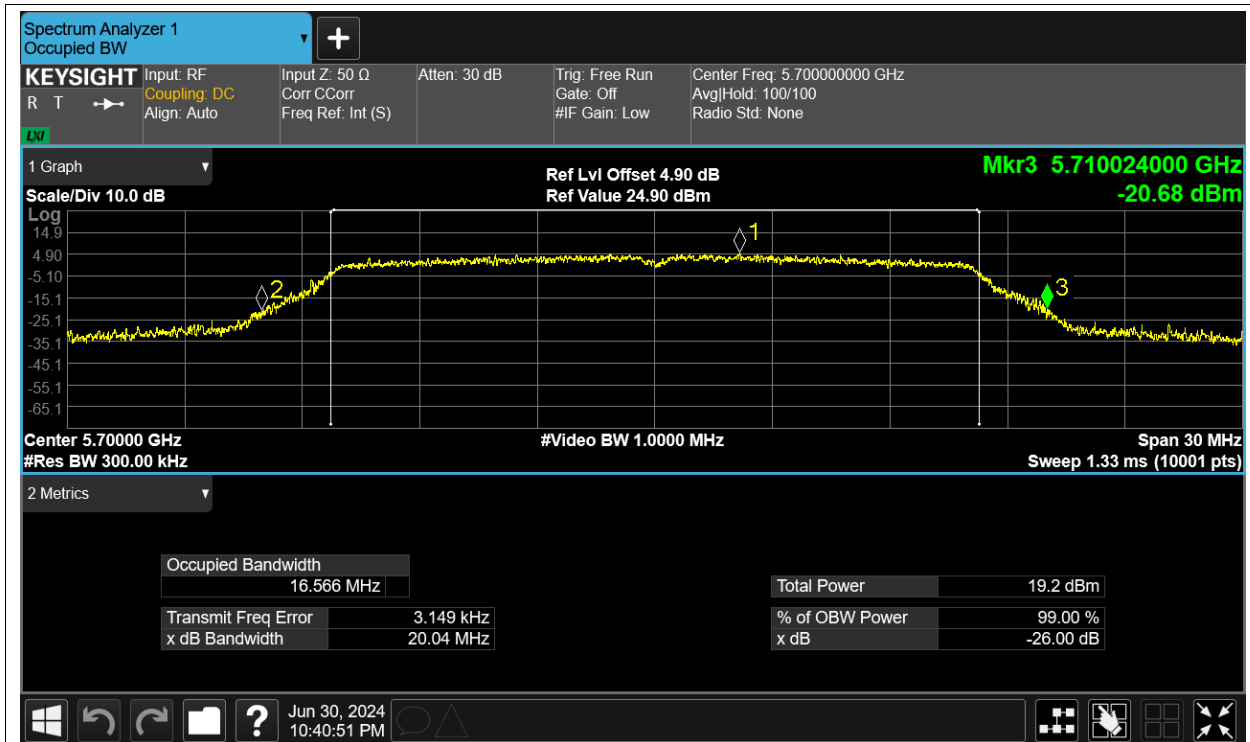
-26dB Bandwidth NVNT a 5500MHz Ant2



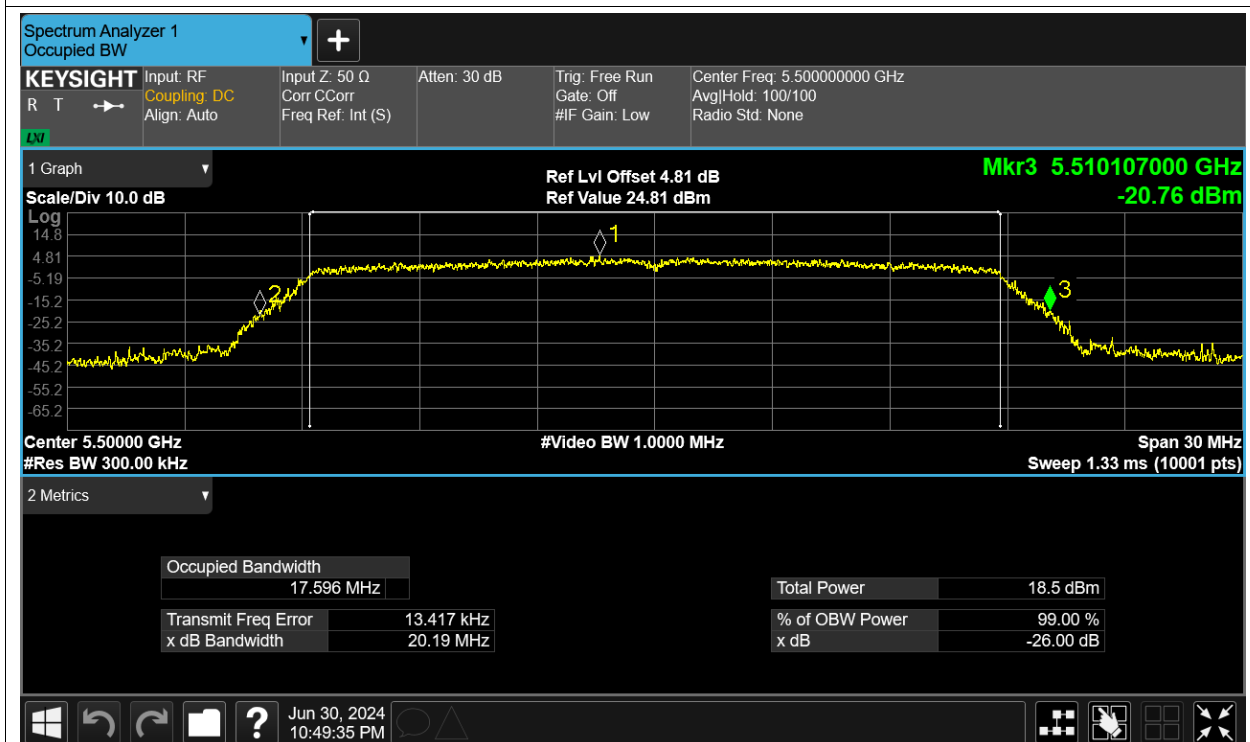
-26dB Bandwidth NVNT a 5600MHz Ant2



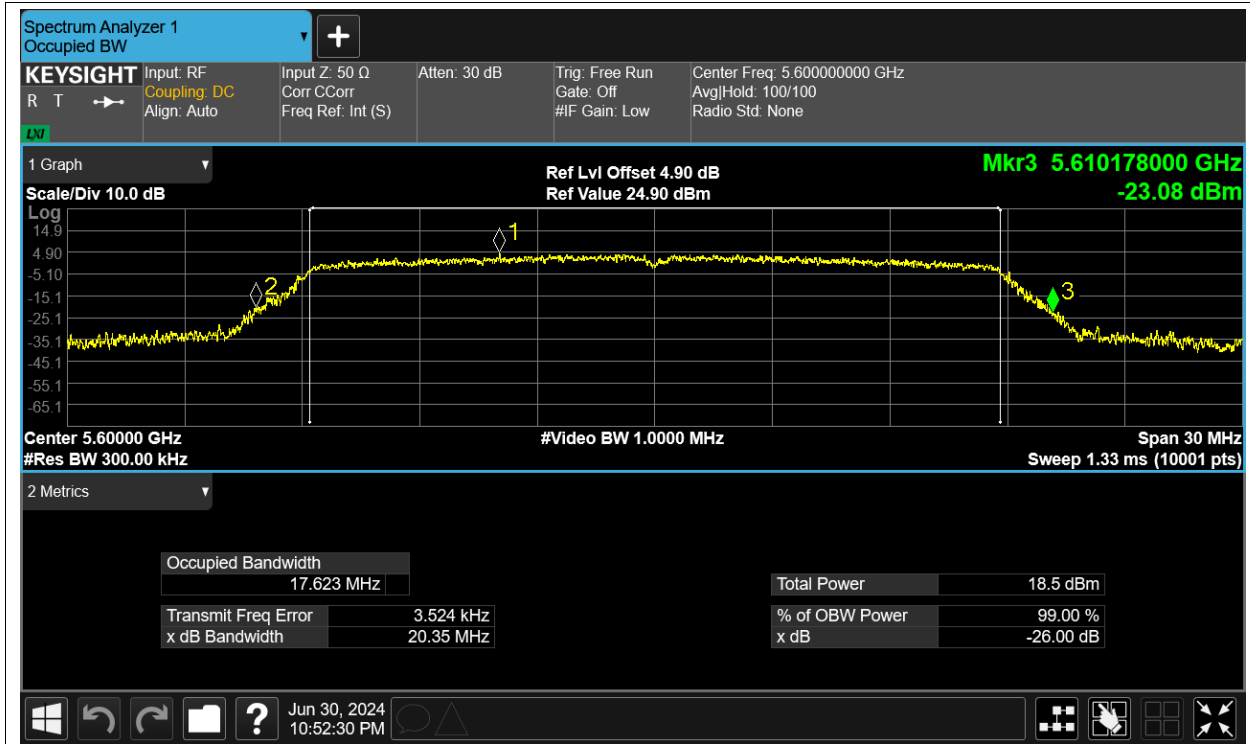
-26dB Bandwidth NVNT a 5700MHz Ant2



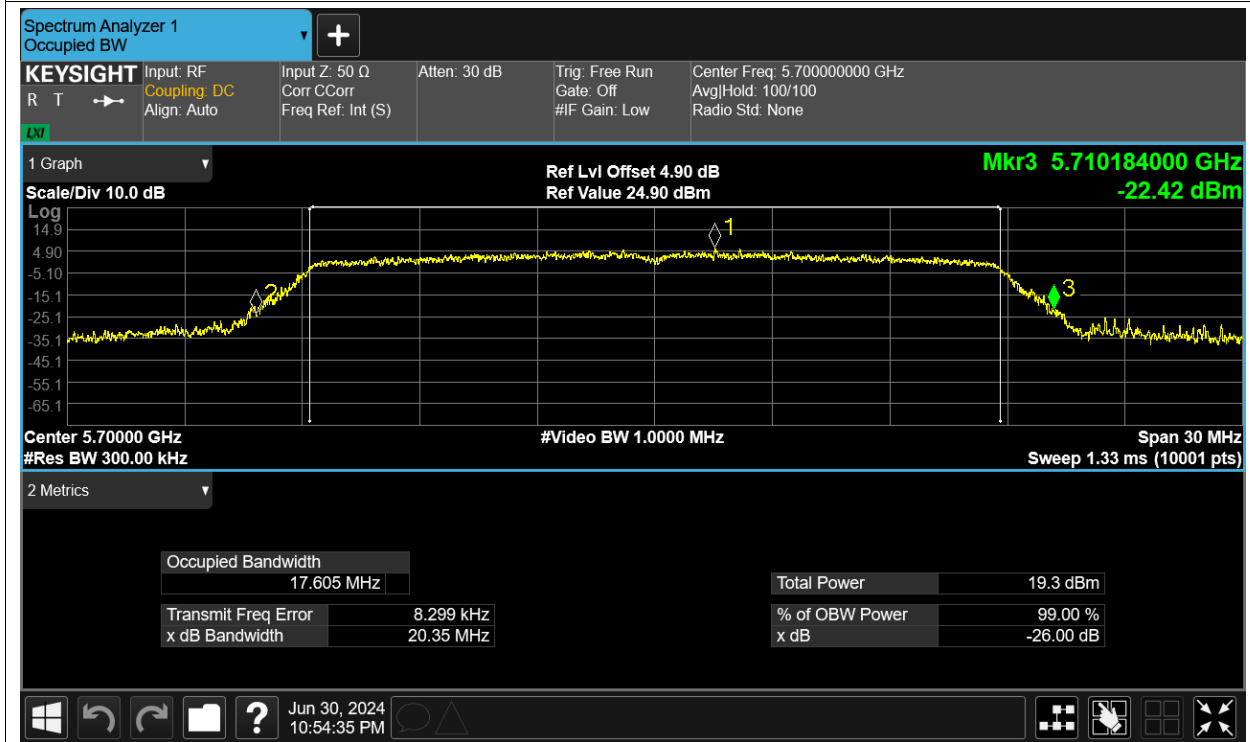
-26dB Bandwidth NVNT ac20 5500MHz Ant2



-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



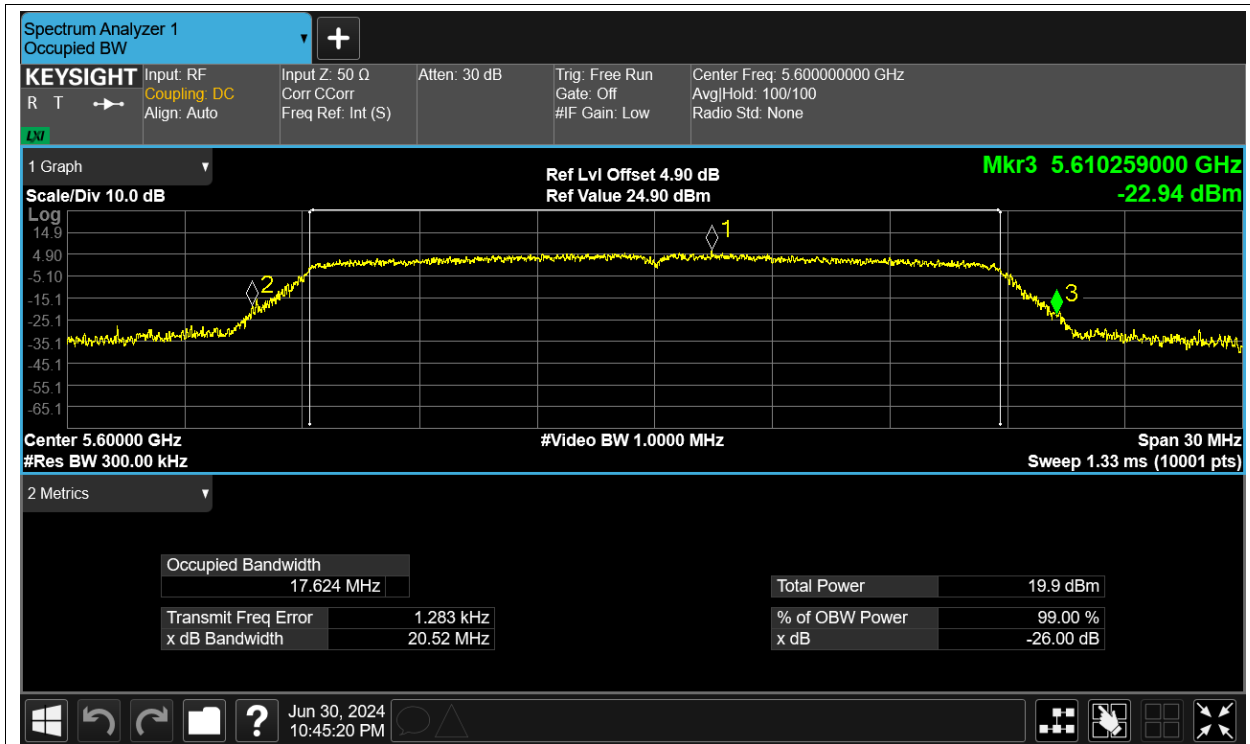
-26dB Bandwidth NVNT ac80 5610MHz Ant2



-26dB Bandwidth NVNT n20 5500MHz Ant2



-26dB Bandwidth NVNT n20 5600MHz Ant2



-26dB Bandwidth NVNT n20 5700MHz Ant2



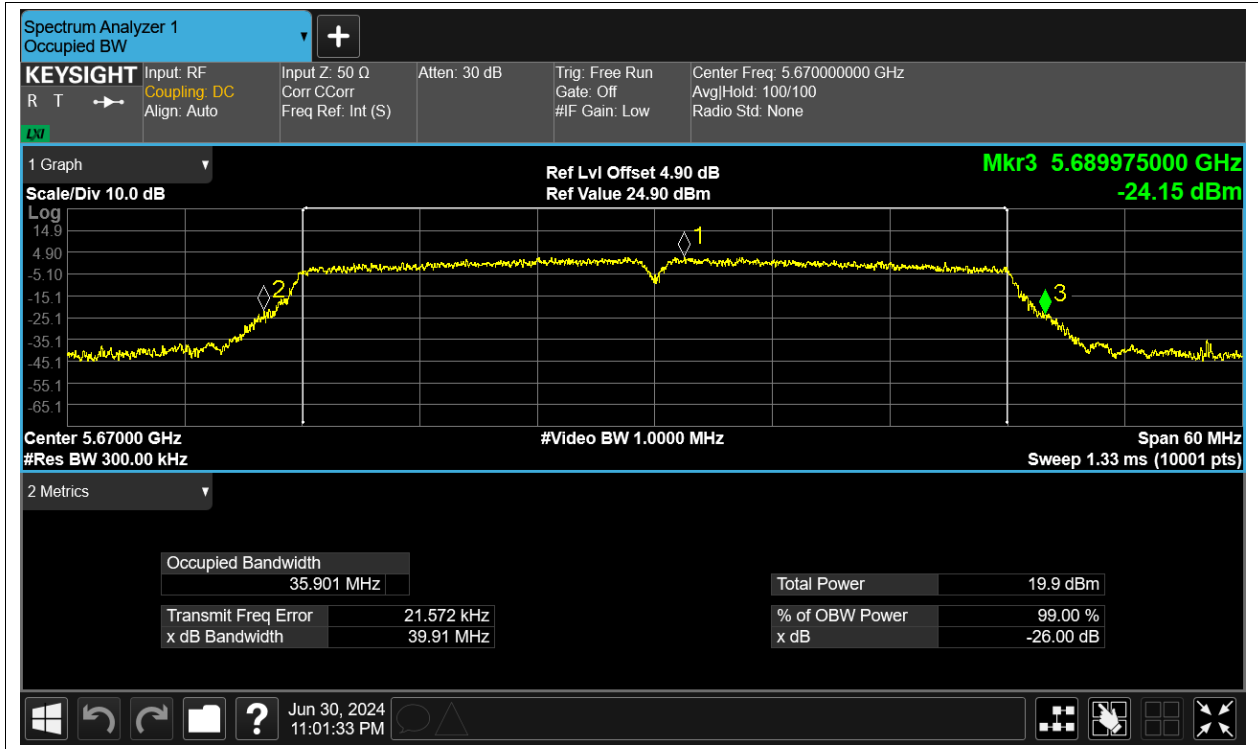
-26dB Bandwidth NVNT n40 5510MHz Ant2



-26dB Bandwidth NVNT n40 5590MHz Ant2



-26dB Bandwidth NVNT n40 5670MHz Ant2

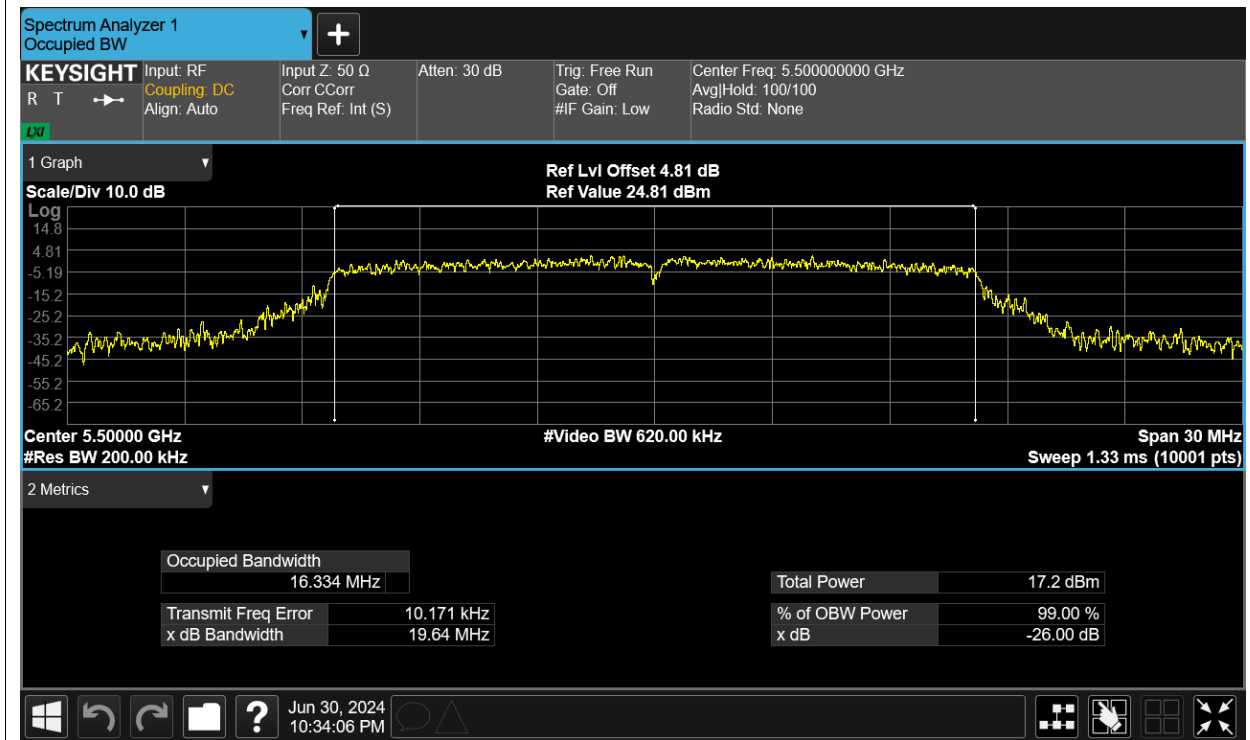


Occupied Channel Bandwidth

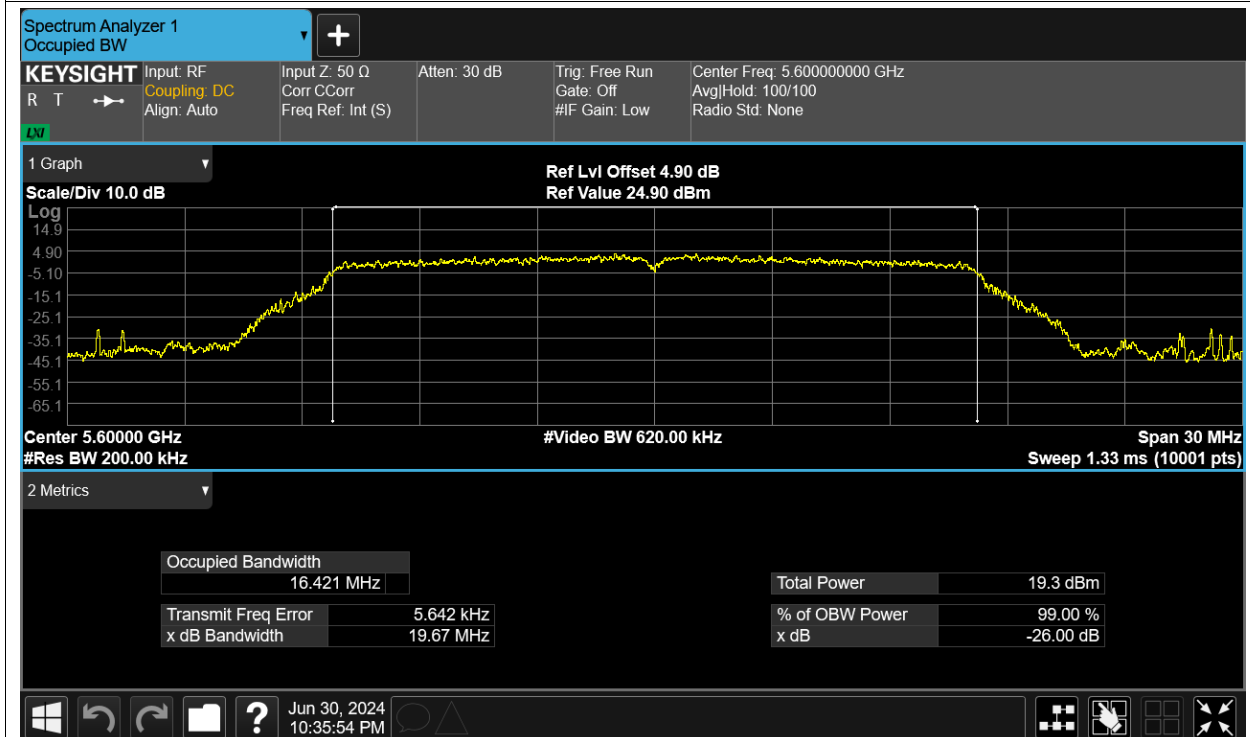
Condition	Mode	Frequency (MHz)	Antenna	99% OBW (MHz)
NVNT	a	5500	Ant2	16.334
NVNT	a	5600	Ant2	16.421
NVNT	a	5700	Ant2	16.403
NVNT	ac20	5500	Ant2	17.545
NVNT	ac20	5600	Ant2	17.548
NVNT	ac20	5700	Ant2	17.567
NVNT	ac40	5510	Ant2	35.922
NVNT	ac40	5590	Ant2	35.887
NVNT	ac40	5670	Ant2	35.936
NVNT	ac80	5530	Ant2	75.009
NVNT	ac80	5610	Ant2	74.962
NVNT	n20	5500	Ant2	17.541
NVNT	n20	5600	Ant2	17.561
NVNT	n20	5700	Ant2	17.543
NVNT	n40	5510	Ant2	35.874
NVNT	n40	5590	Ant2	35.859
NVNT	n40	5670	Ant2	35.916

Test Graphs

OBW NVNT a 5500MHz Ant2



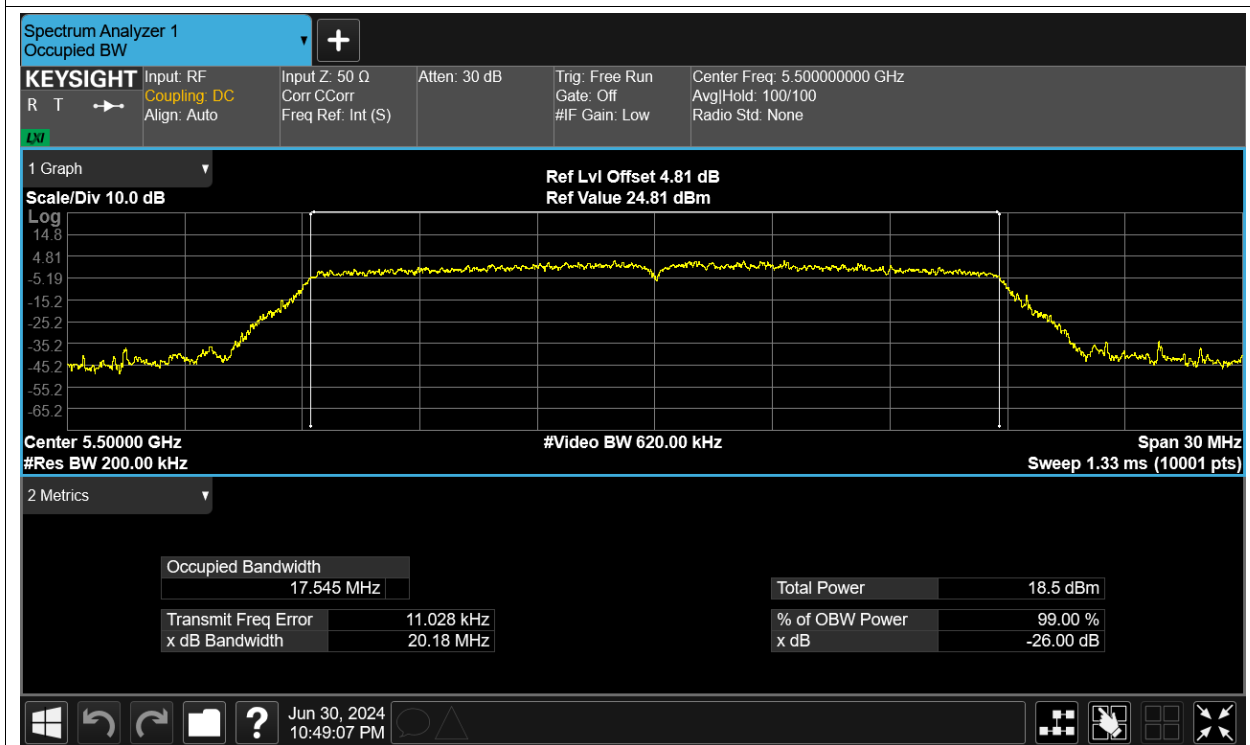
OBW NVNT a 5600MHz Ant2



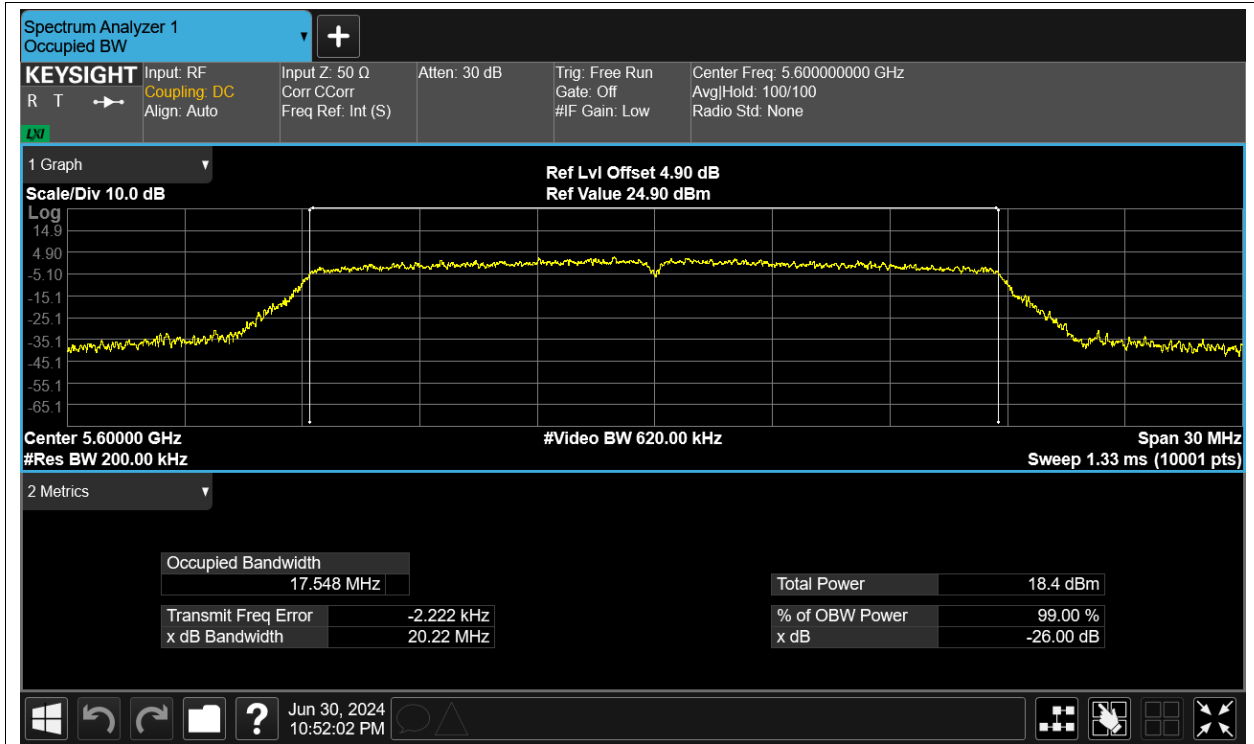
OBW NVNT a 5700MHz Ant2



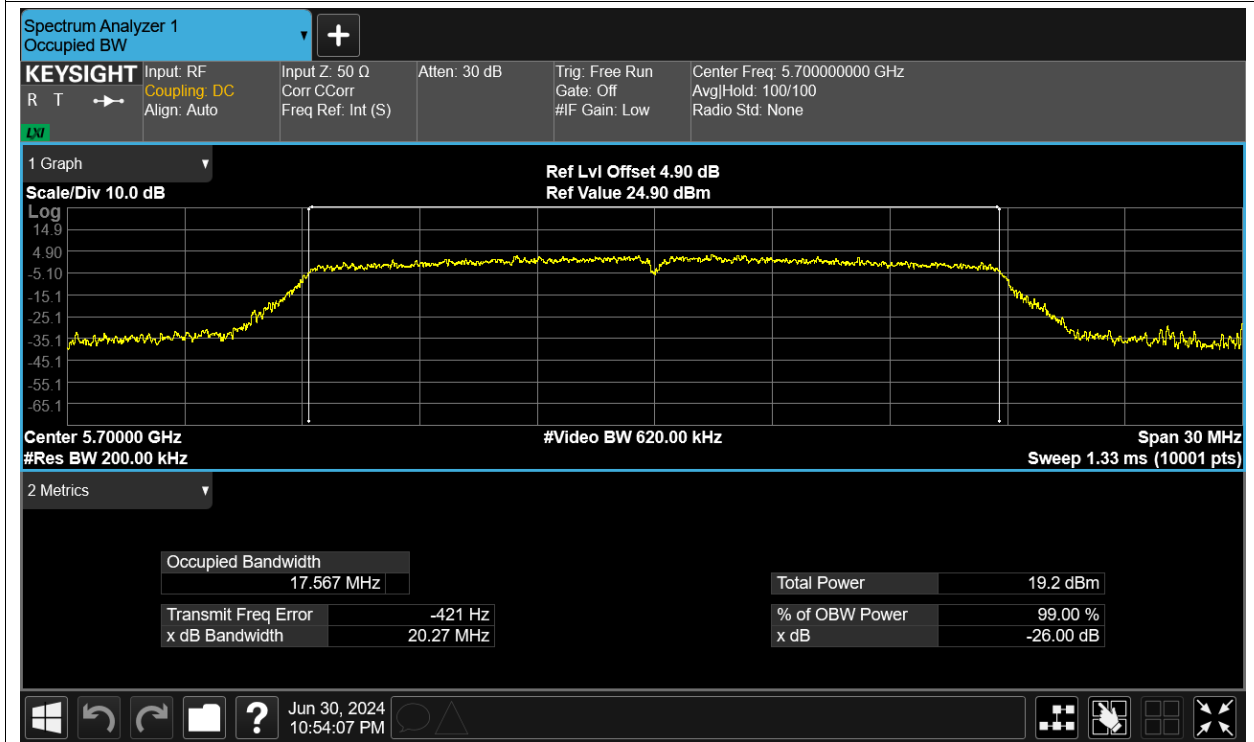
OBW NVNT ac20 5500MHz Ant2



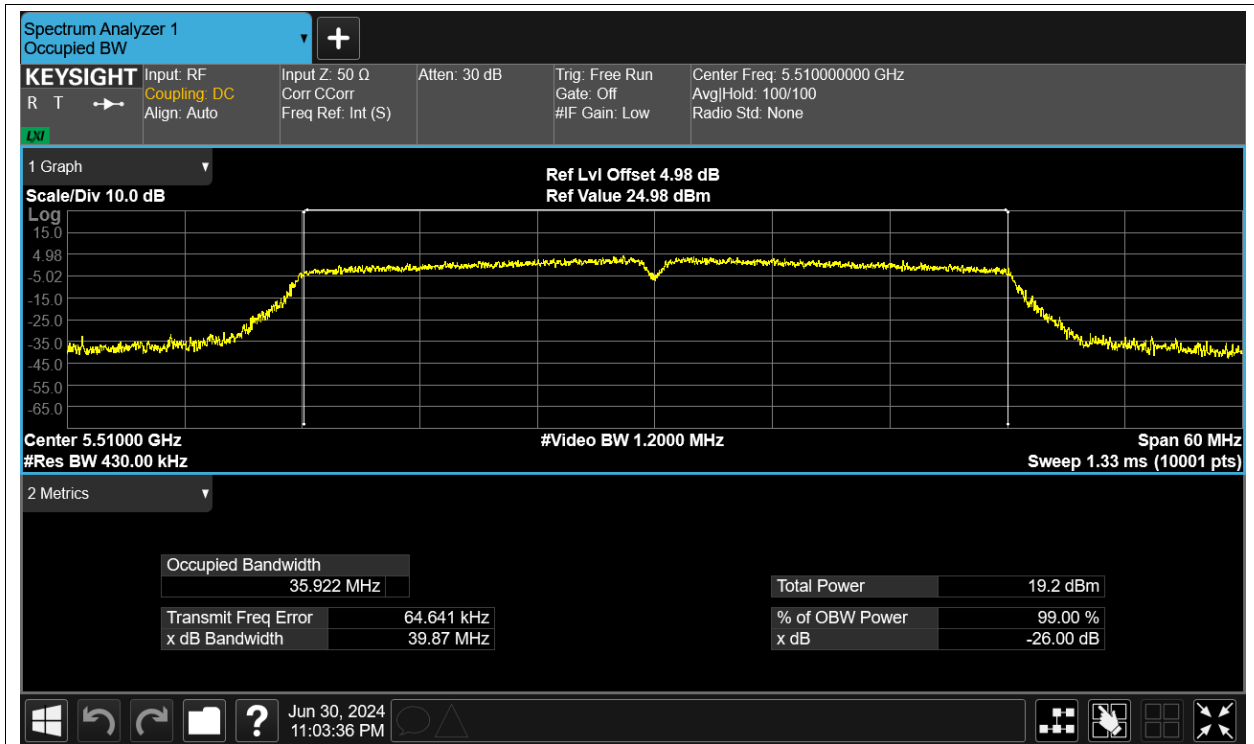
OBW NVNT ac20 5600MHz Ant2



OBW NVNT ac20 5700MHz Ant2



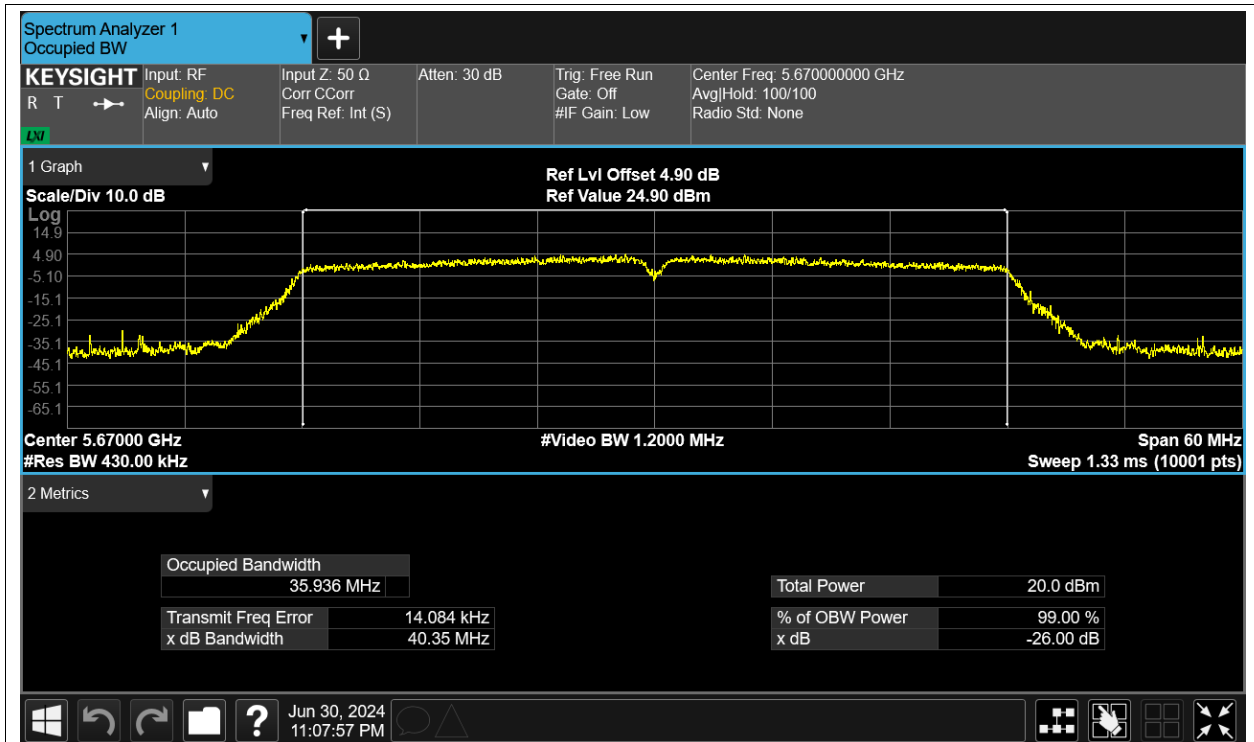
OBW NVNT ac40 5510MHz Ant2



OBW NVNT ac40 5590MHz Ant2



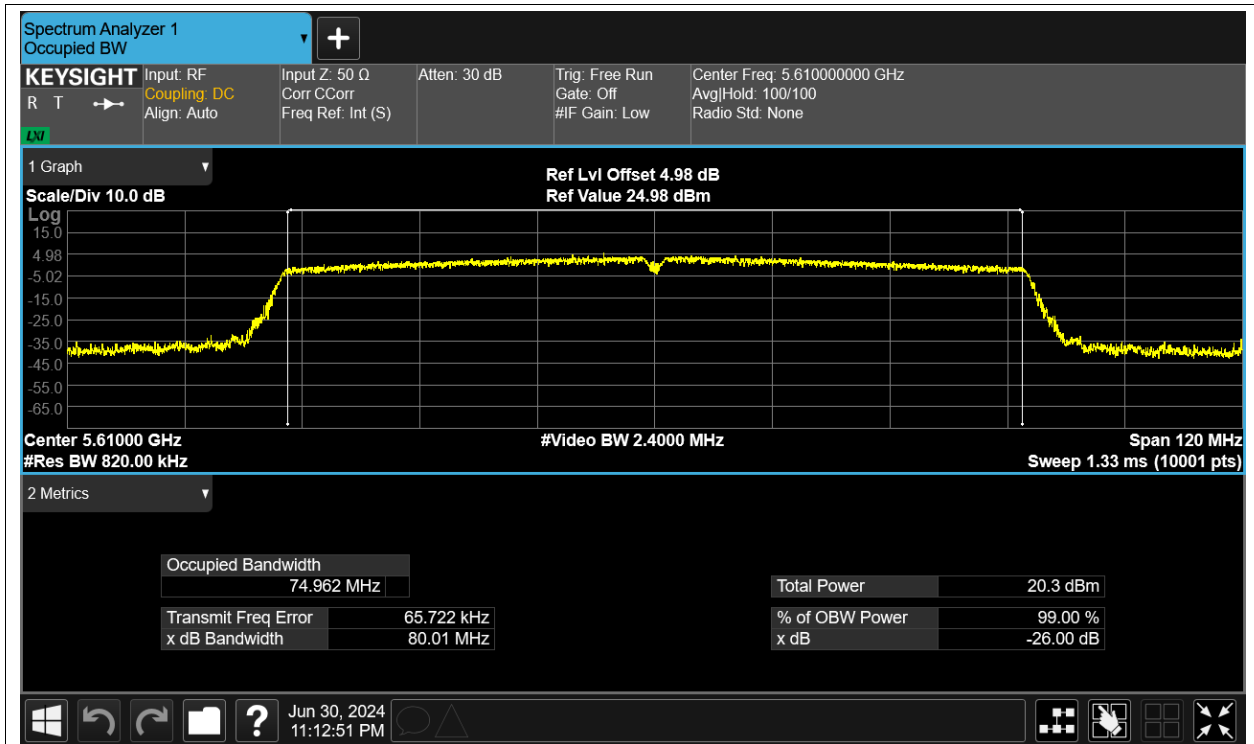
OBW NVNT ac40 5670MHz Ant2



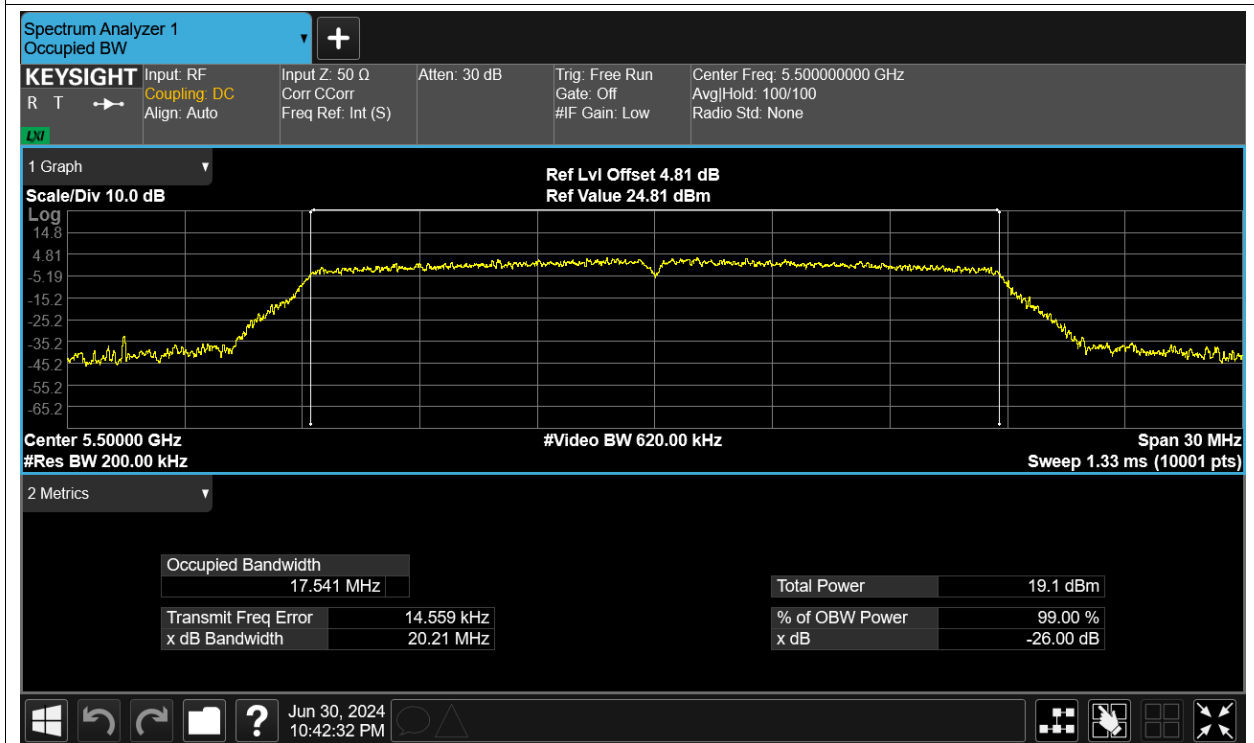
OBW NVNT ac80 5530MHz Ant2



OBW NVNT ac80 5610MHz Ant2



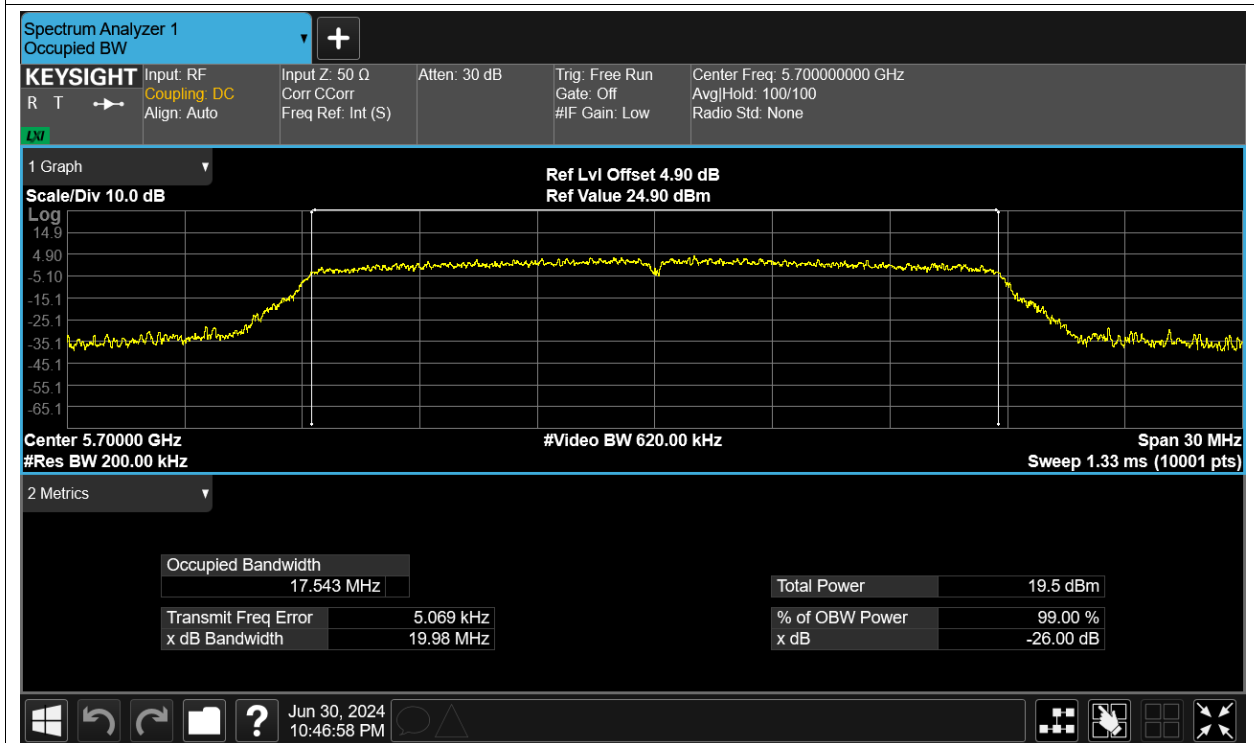
OBW NVNT n20 5500MHz Ant2



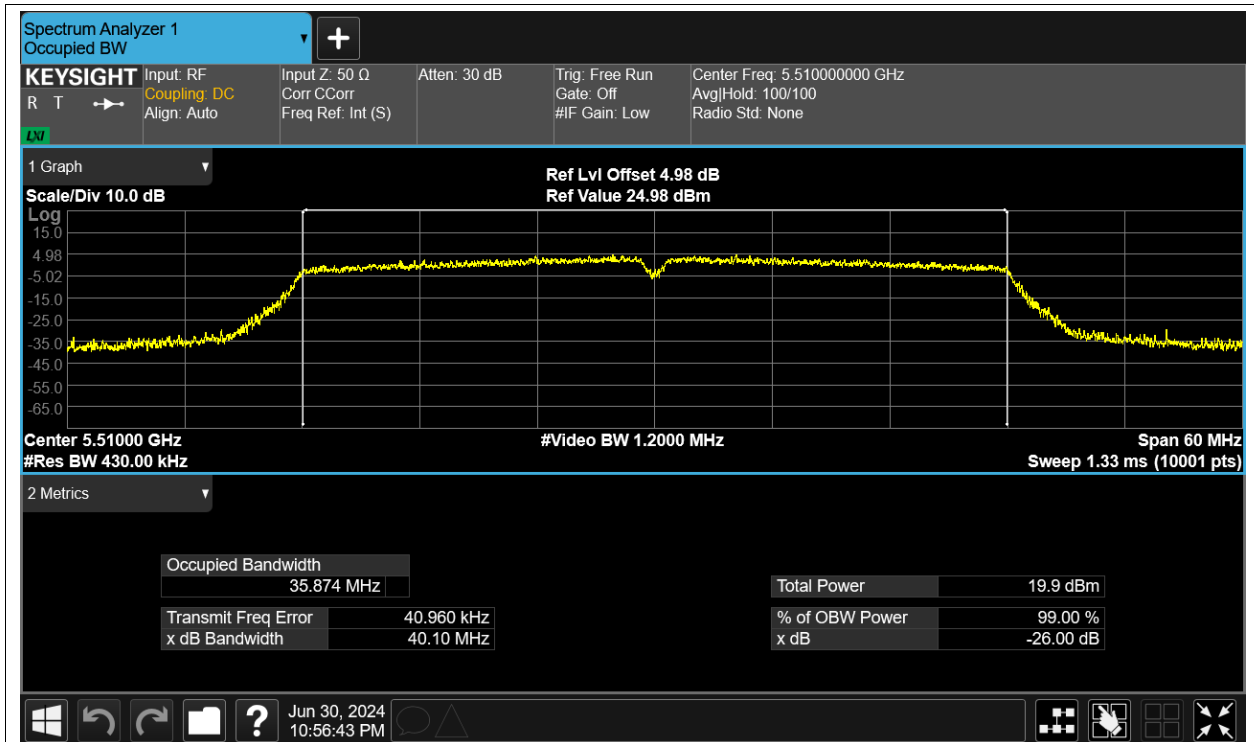
OBW NVNT n20 5600MHz Ant2



OBW NVNT n20 5700MHz Ant2



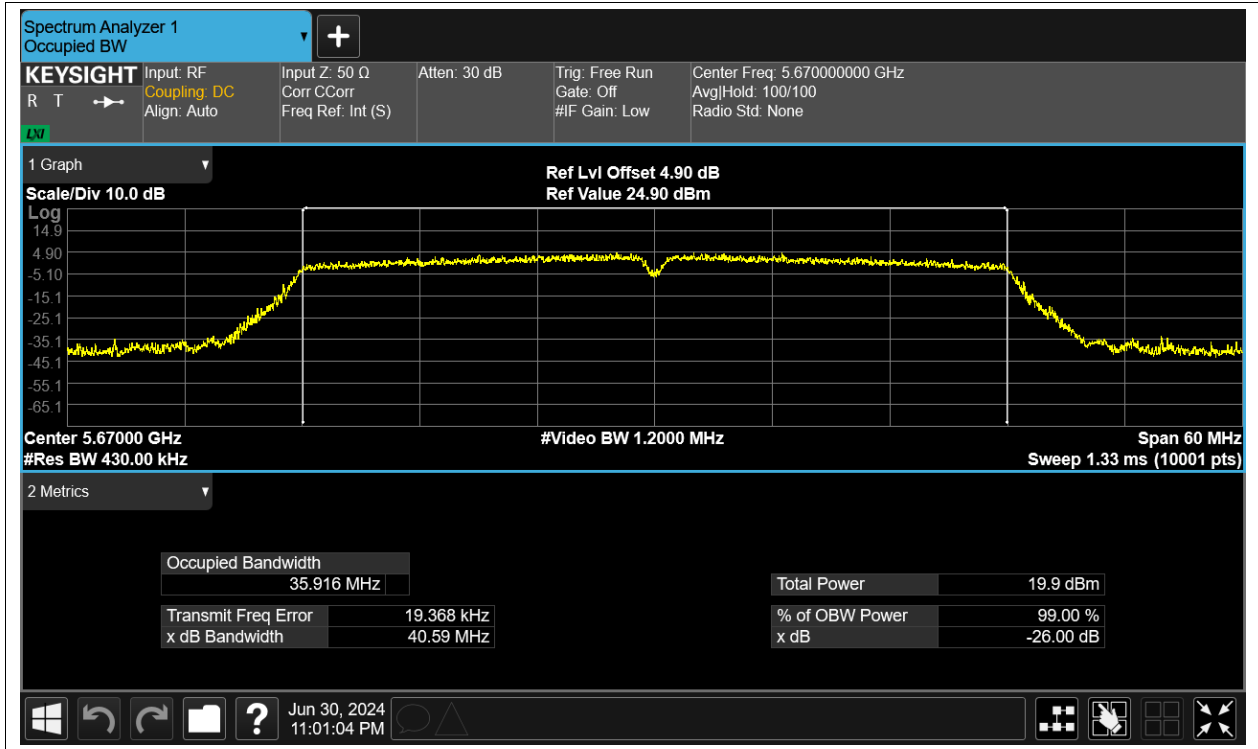
OBW NVNT n40 5510MHz Ant2



OBW NVNT n40 5590MHz Ant2

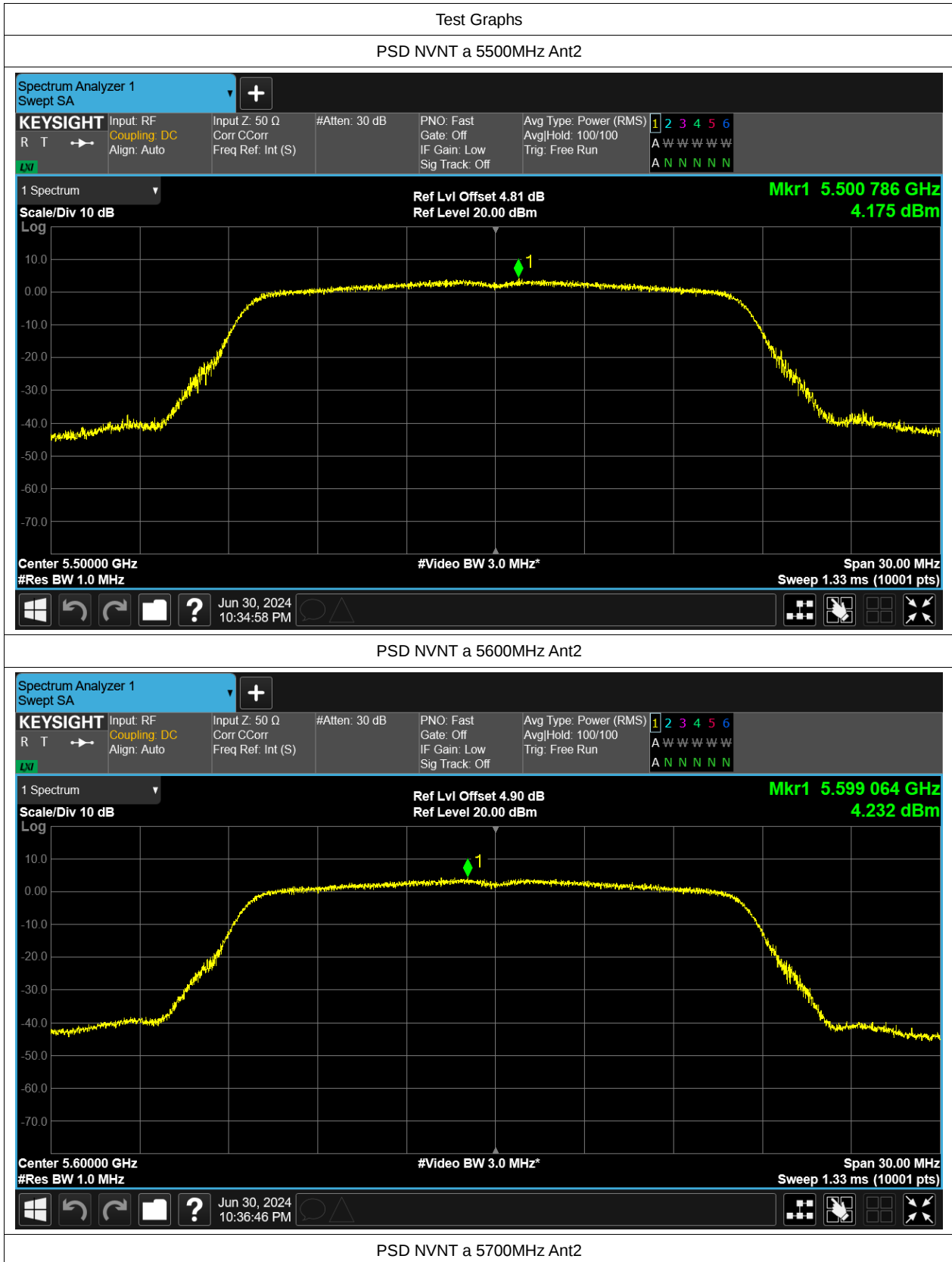


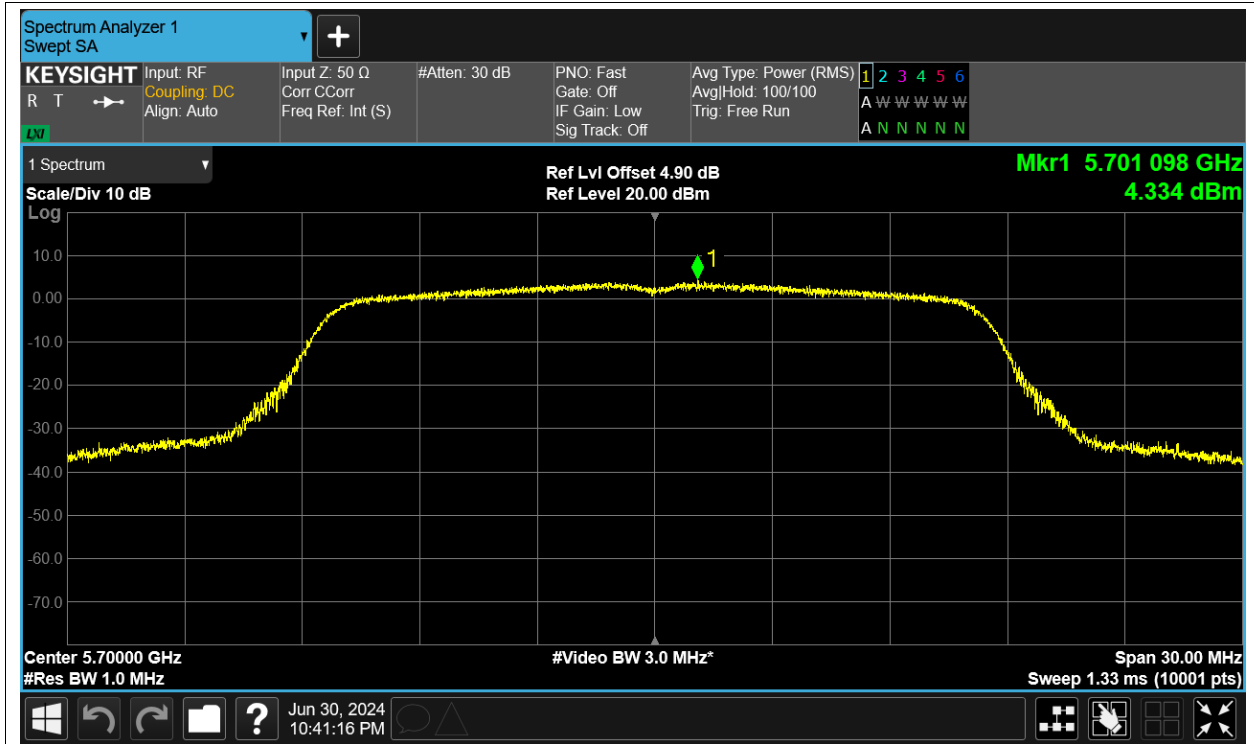
OBW NVNT n40 5670MHz Ant2



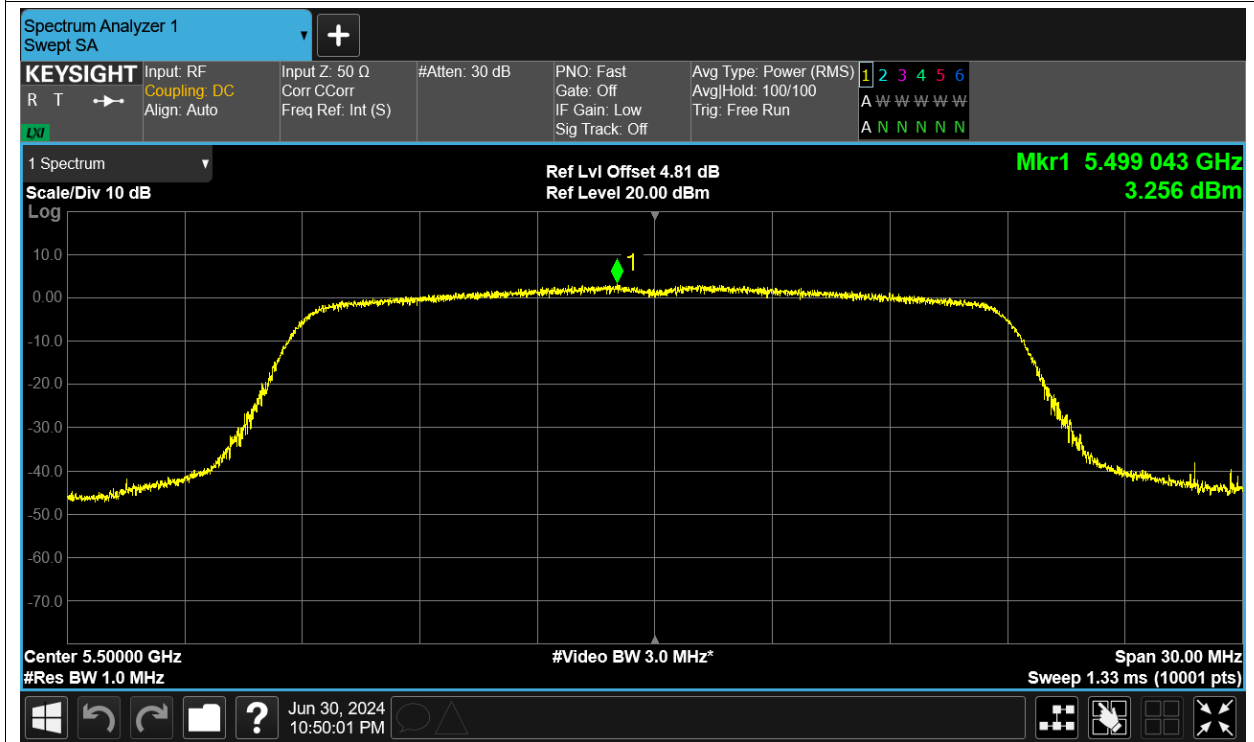
Maximum Power Spectral Density Level

Condition	Mode	Frequency (MHz)	Antenna	Max PSD (dBm)	Limit (dBm)	Verdict
NVNT	a	5500	Ant2	4.175	11	Pass
NVNT	a	5600	Ant2	4.232	11	Pass
NVNT	a	5700	Ant2	4.334	11	Pass
NVNT	ac20	5500	Ant2	3.256	11	Pass
NVNT	ac20	5600	Ant2	2.975	11	Pass
NVNT	ac20	5700	Ant2	4.167	11	Pass
NVNT	ac40	5510	Ant2	0.975	11	Pass
NVNT	ac40	5590	Ant2	1.552	11	Pass
NVNT	ac40	5670	Ant2	1.791	11	Pass
NVNT	ac80	5530	Ant2	-2.751	11	Pass
NVNT	ac80	5610	Ant2	-1.45	11	Pass
NVNT	n20	5500	Ant2	3.834	11	Pass
NVNT	n20	5600	Ant2	4.488	11	Pass
NVNT	n20	5700	Ant2	4.087	11	Pass
NVNT	n40	5510	Ant2	1.553	11	Pass
NVNT	n40	5590	Ant2	1.484	11	Pass
NVNT	n40	5667	Ant2	1.329	11	Pass

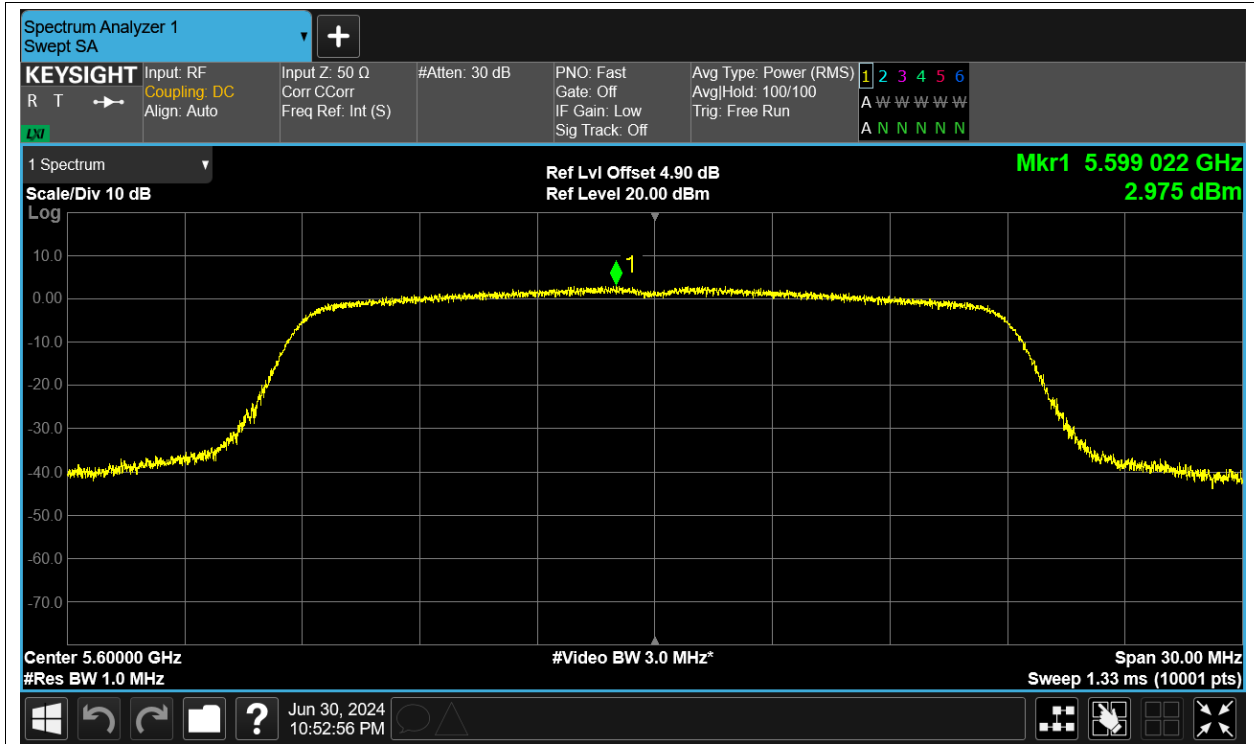




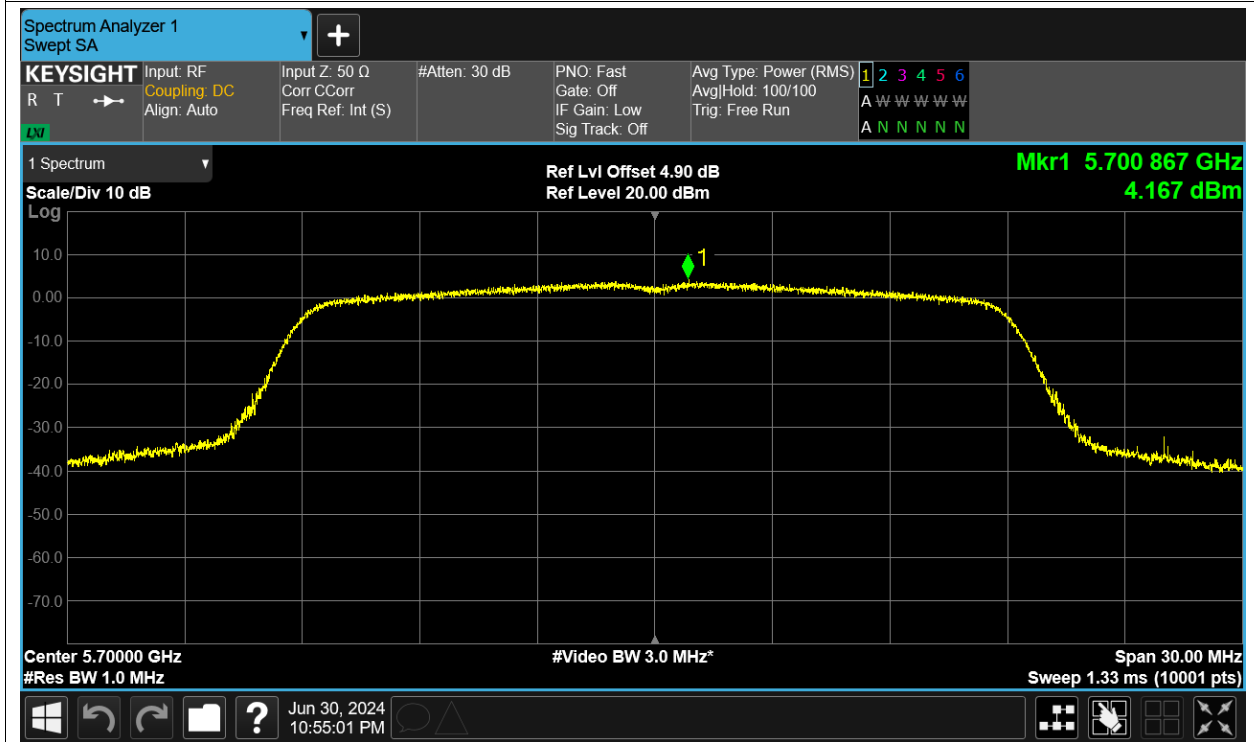
PSD NVNT ac20 5500MHz Ant2



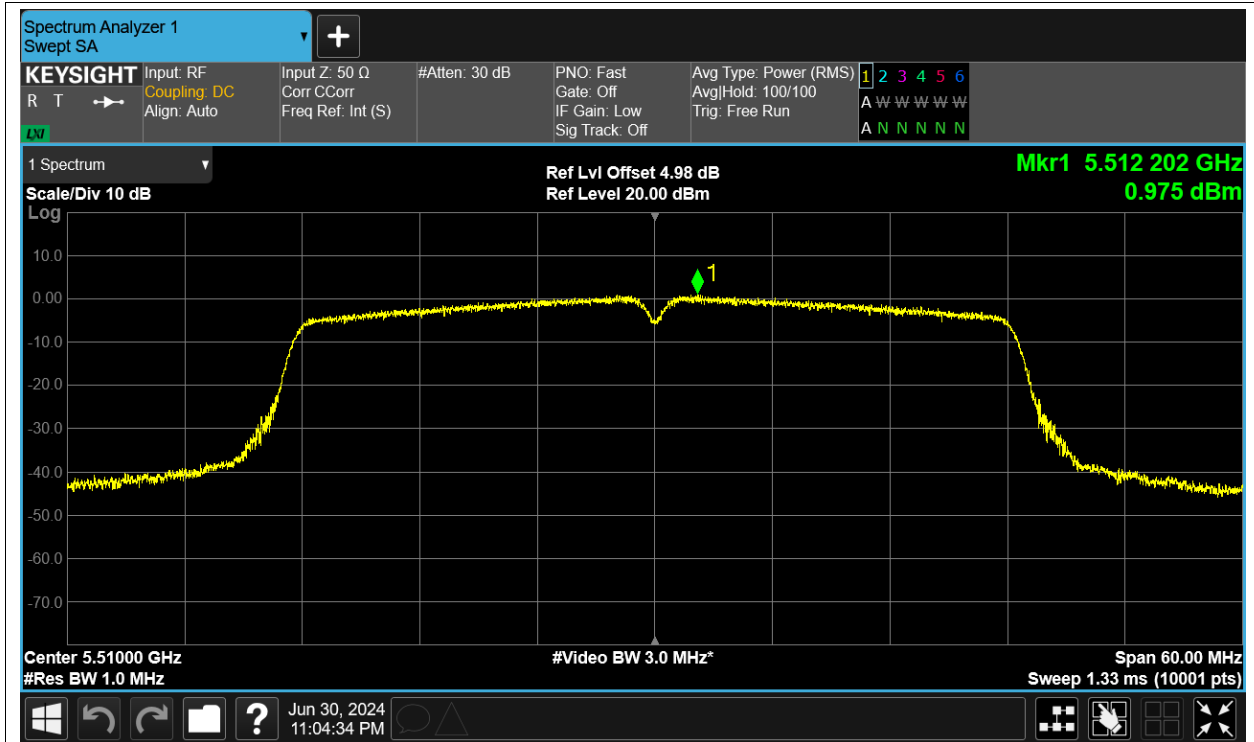
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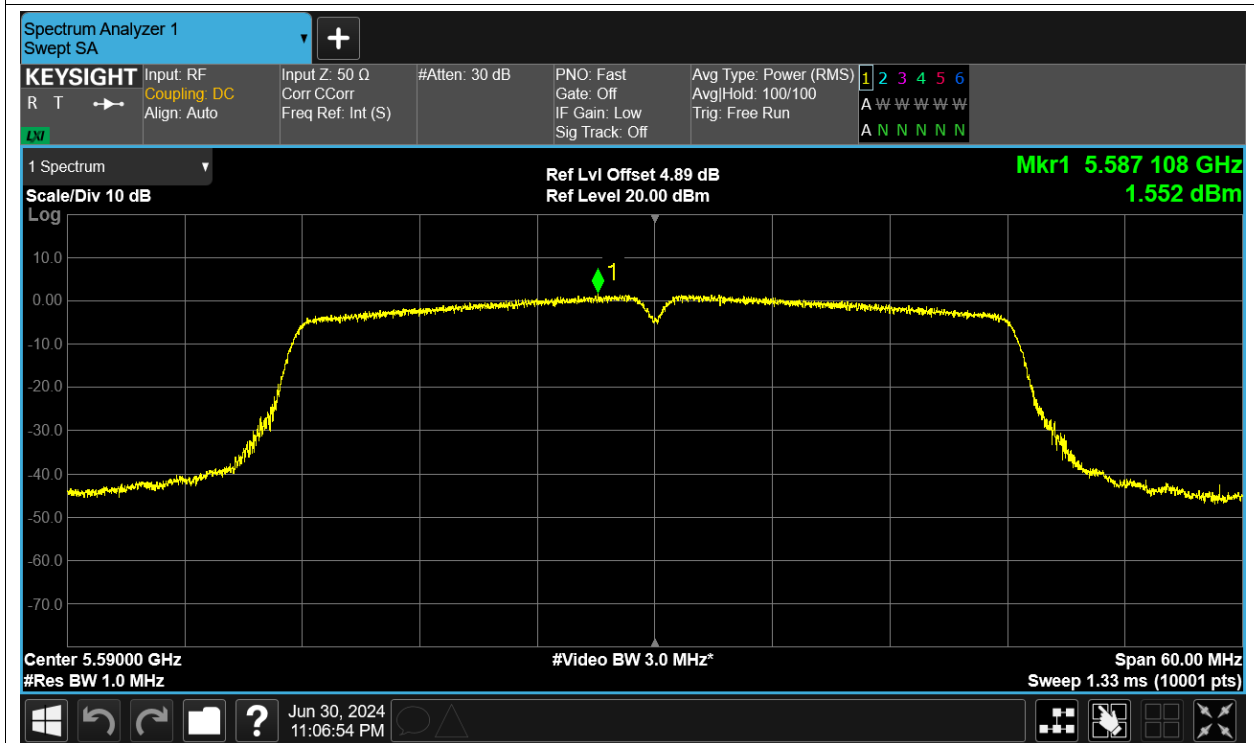
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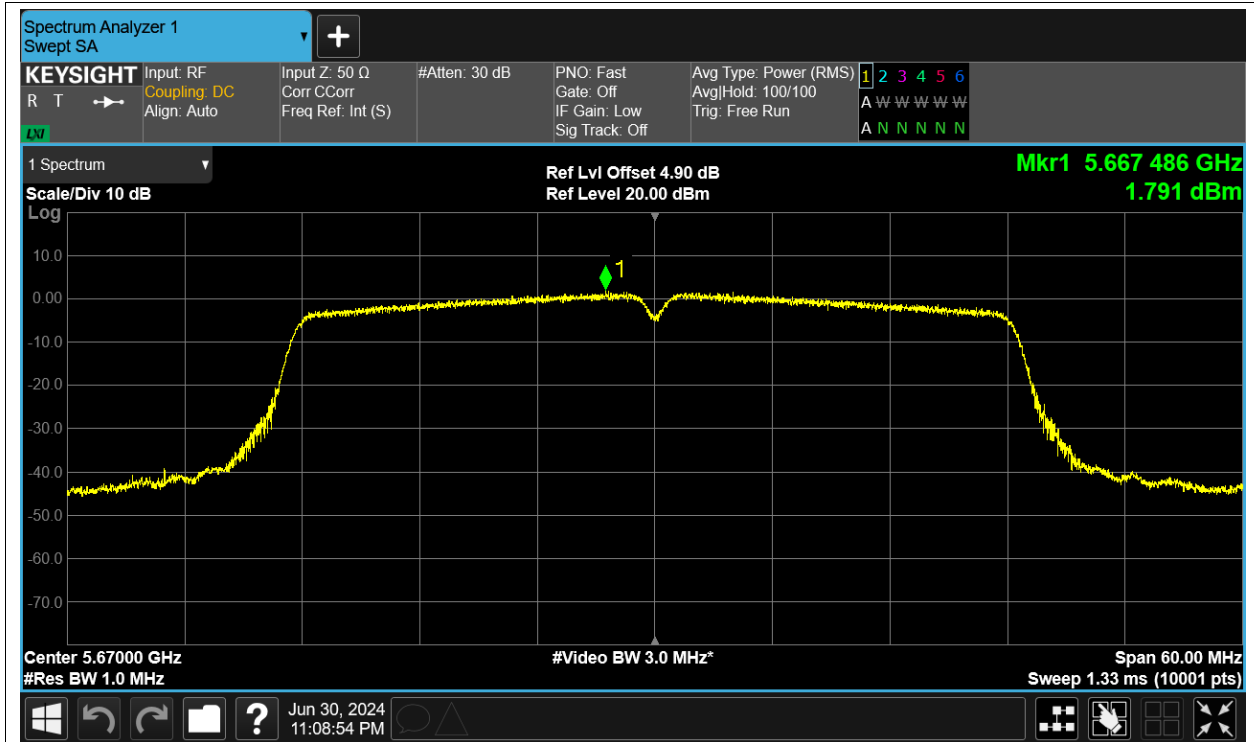
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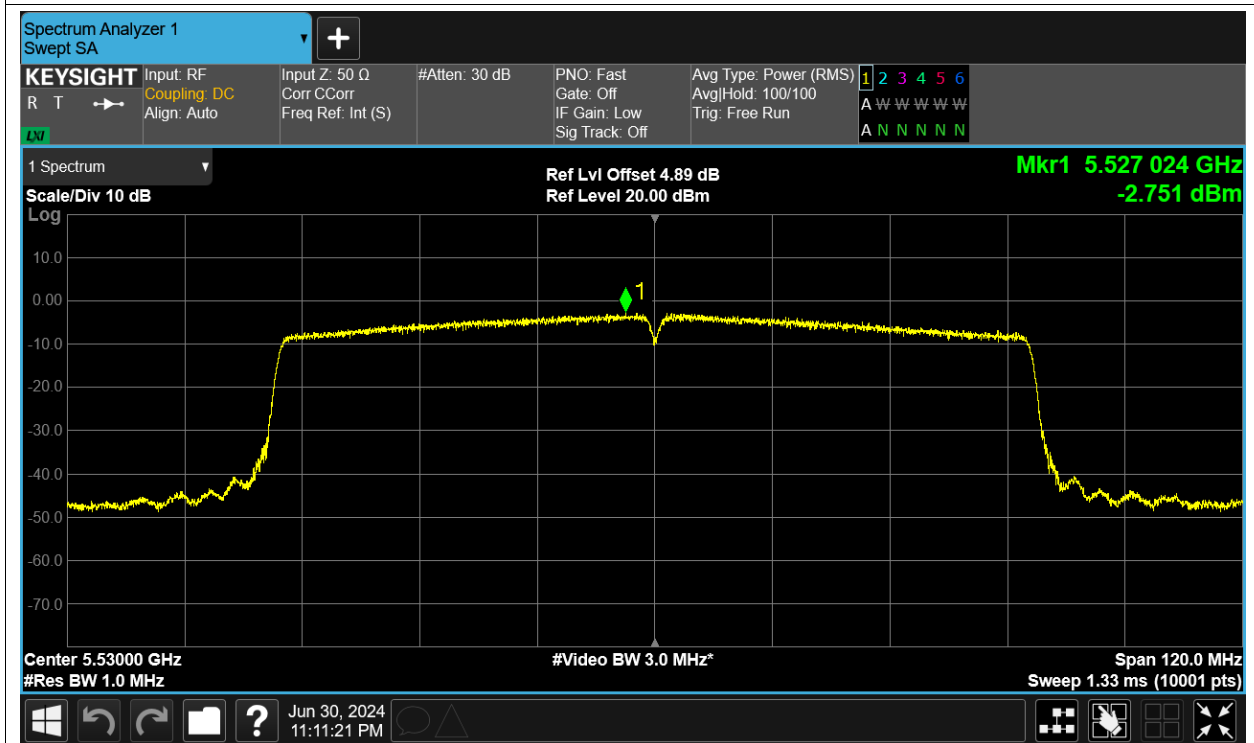
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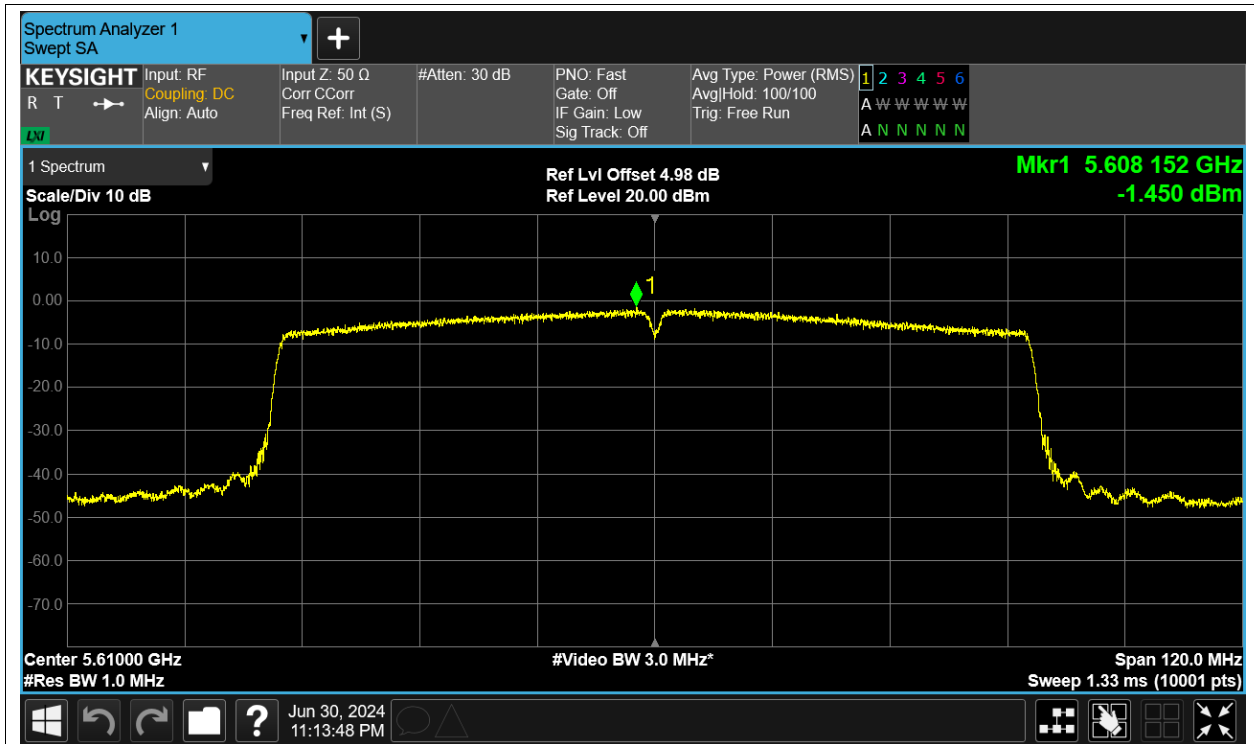
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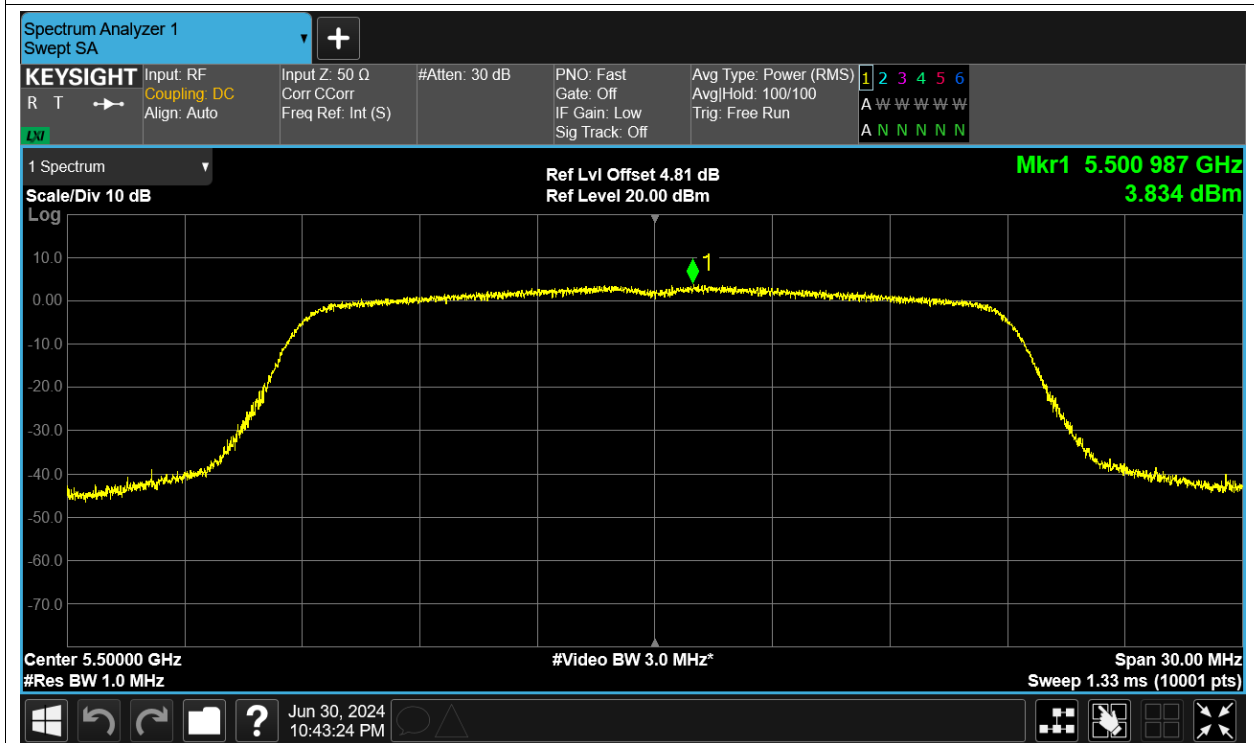
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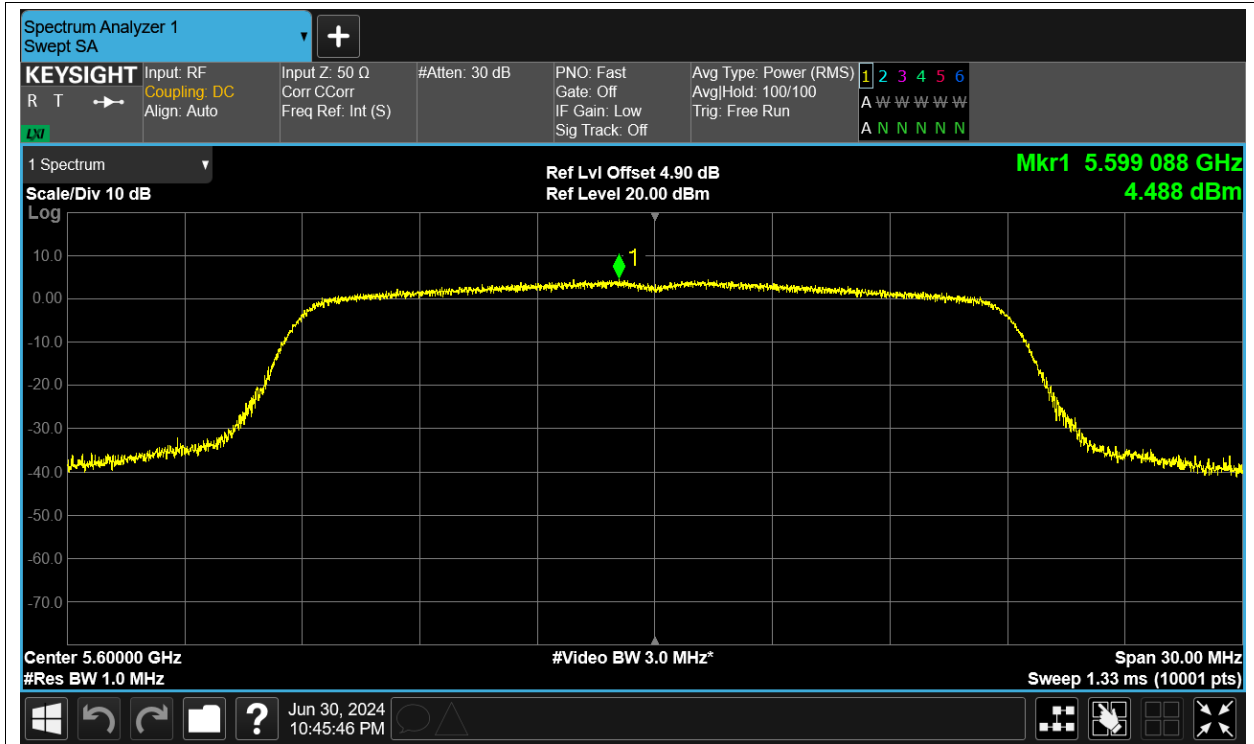
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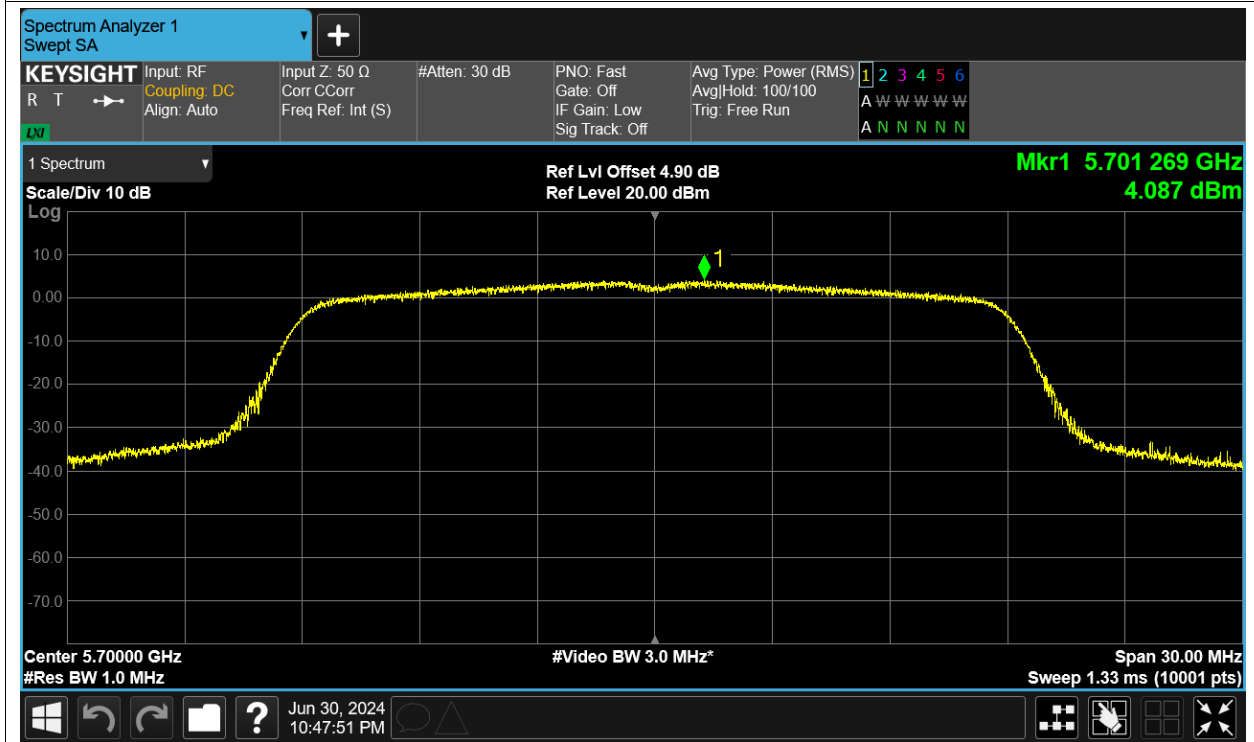
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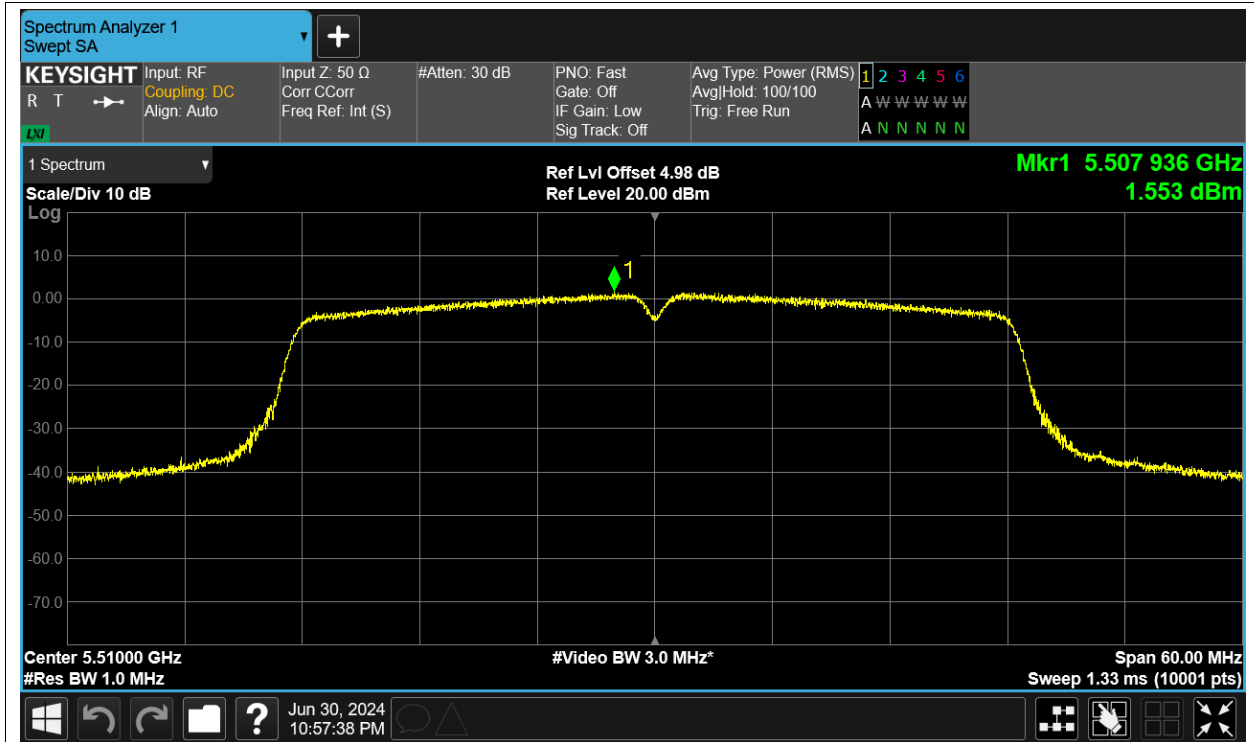
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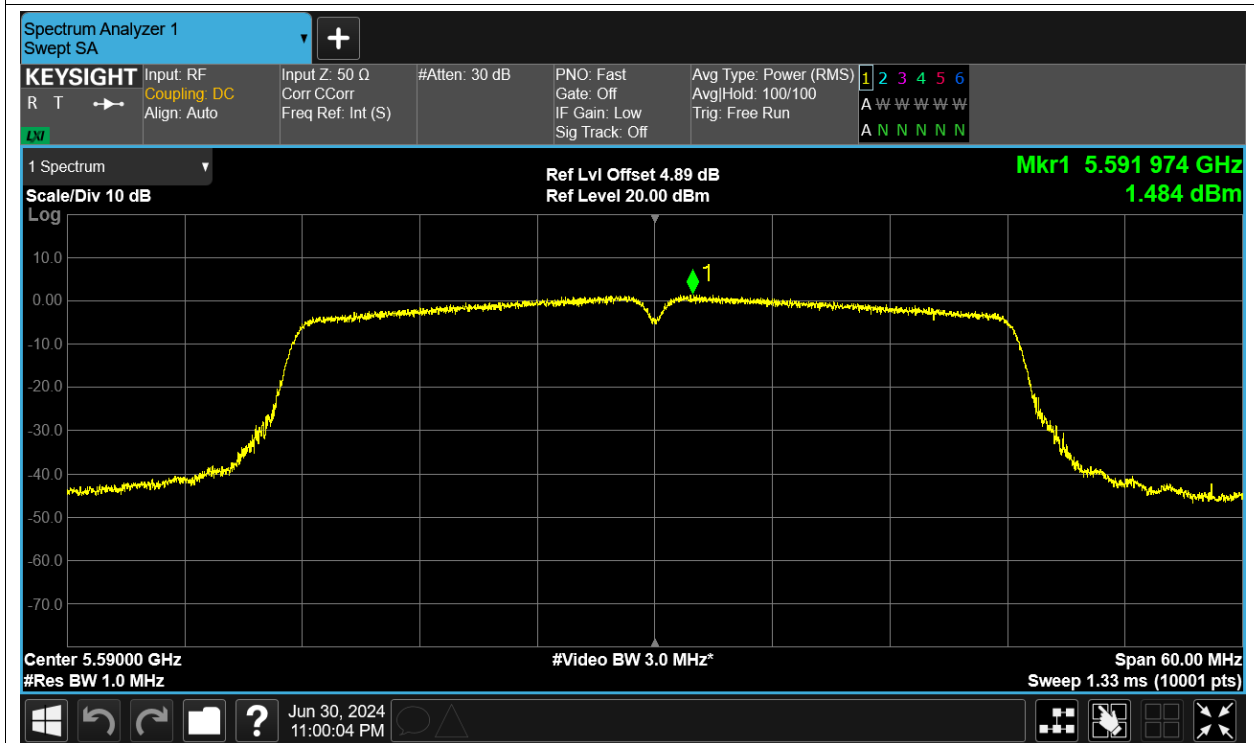
PSD NVNT n20 5700MHz Ant2



PSD NVNT n40 5510MHz Ant2



PSD NVNT n40 5590MHz Ant2



PSD NVNT n40 5667MHz Ant2

