

Test Data

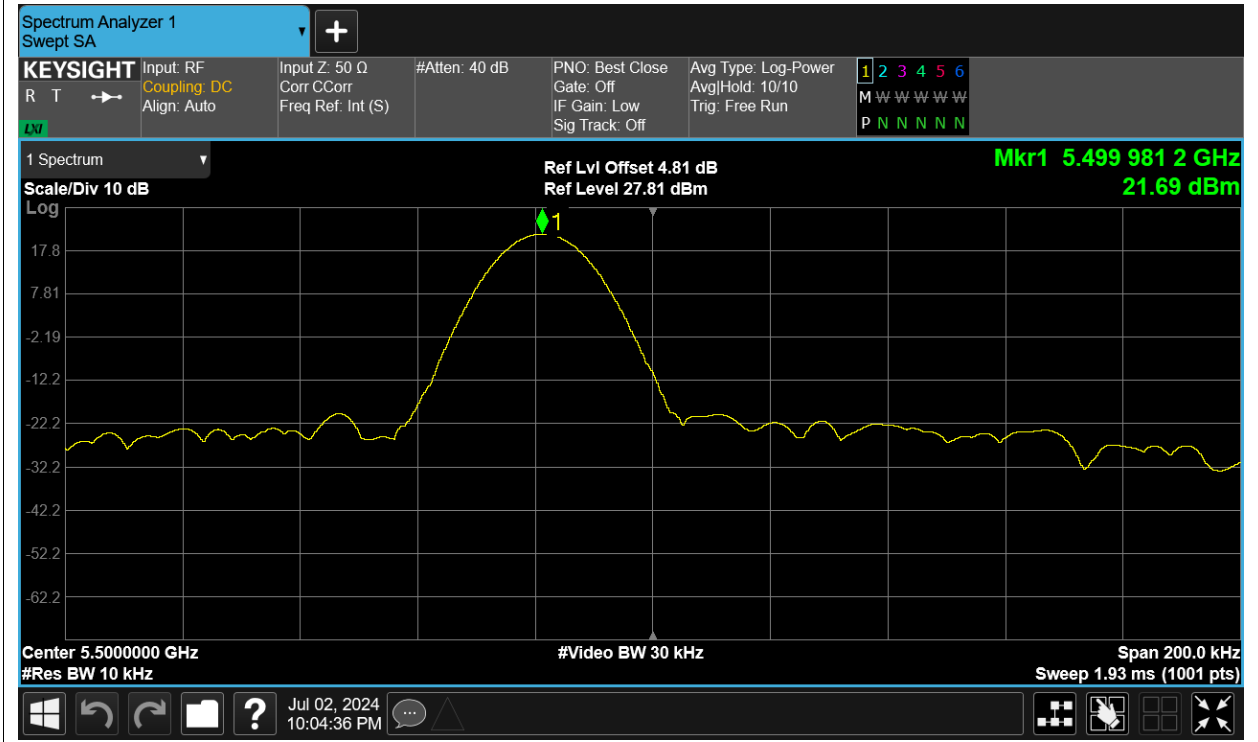
Frequency Stability

Condition	Mode	Frequency (MHz)	Antenna	Measured Frequency (MHz)	Deviation (ppm)	Limit (ppm)	Verdict
HVNT	a	5500	ANT2	5499.9812	-3.42	Within authorized band	Pass
LVNT	a	5500	ANT2	5499.9814	-3.38		Pass
NVHT	a	5500	ANT2	5499.9816	-3.35		Pass
NVLT	a	5500	ANT2	5499.9816	-3.35		Pass
NVNT	a	5500	ANT2	5499.9818	-3.31		Pass
HVNT	ac80	5530	ANT2	5529.9836	-2.97		Pass
LVNT	ac80	5530	ANT2	5529.9844	-2.82		Pass
NVHT	ac80	5530	ANT2	5529.985	-2.71		Pass
NVLT	ac80	5530	ANT2	5529.9852	-2.68		Pass
NVNT	ac80	5530	ANT2	5529.986	-2.53		Pass
HVNT	n40	5510	ANT2	5509.983	-3.09		Pass
LVNT	n40	5510	ANT2	5509.9834	-3.01		Pass
NVHT	n40	5510	ANT2	5509.9836	-2.98		Pass
NVLT	n40	5510	ANT2	5509.9842	-2.87		Pass

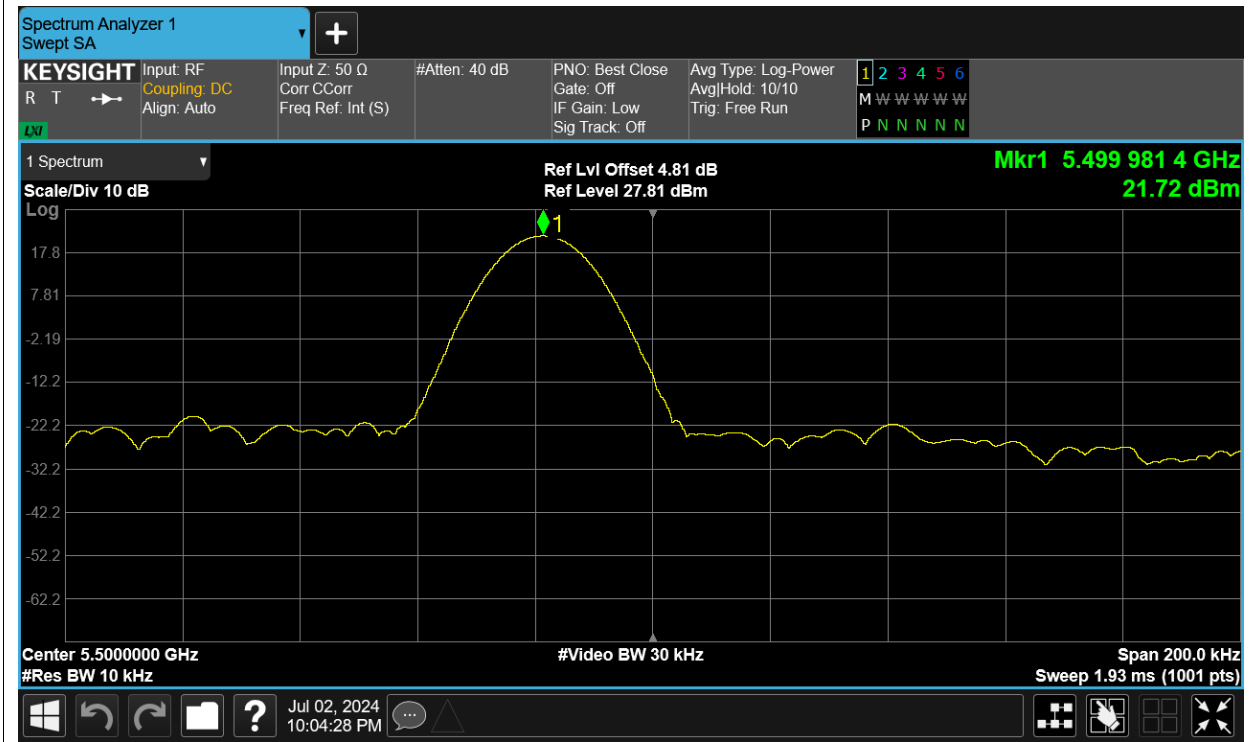
Remark: "NTNV" means Normal Temperature Normal Voltage, "NVHT" means Normal Voltage High Temperature, "NVLT" means Normal Voltage Low Temperature, "LVNT" means Low Voltage Normal Temperature, "HVNT" means High Voltage Normal Temperature.

Test Graphs

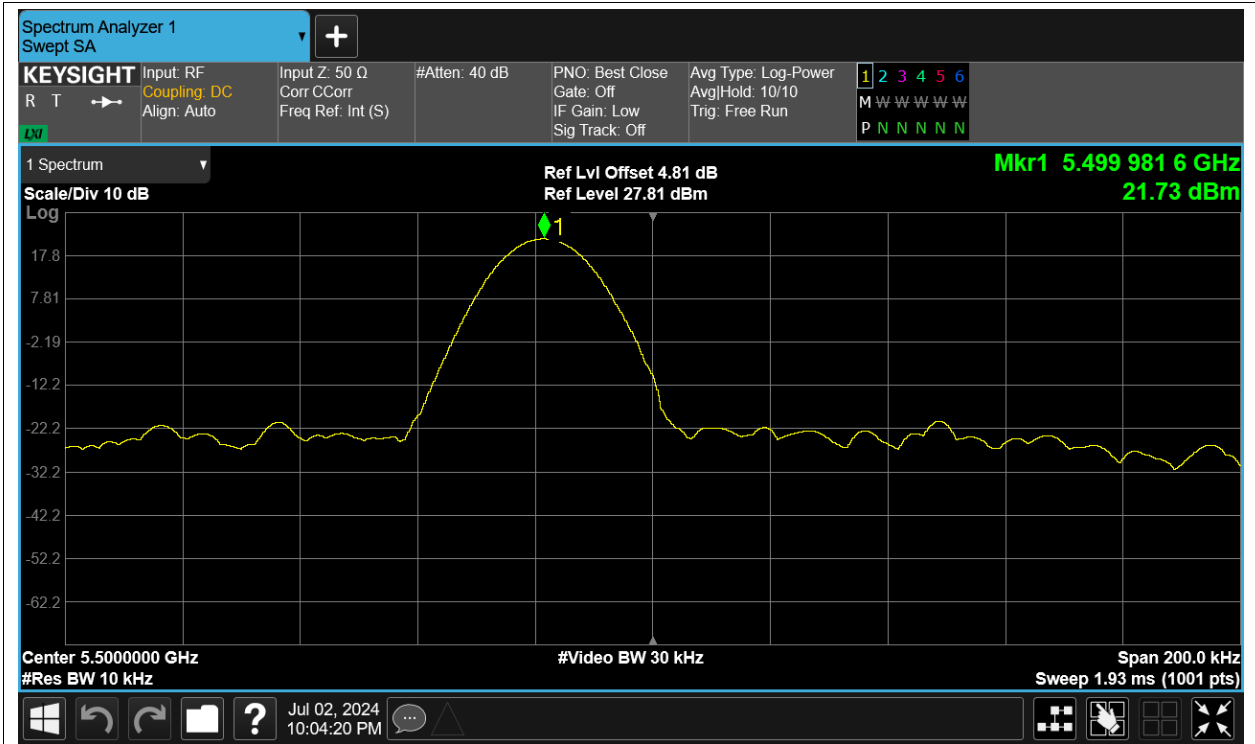
Freq. Stability HVNT a 5500MHz ANT2



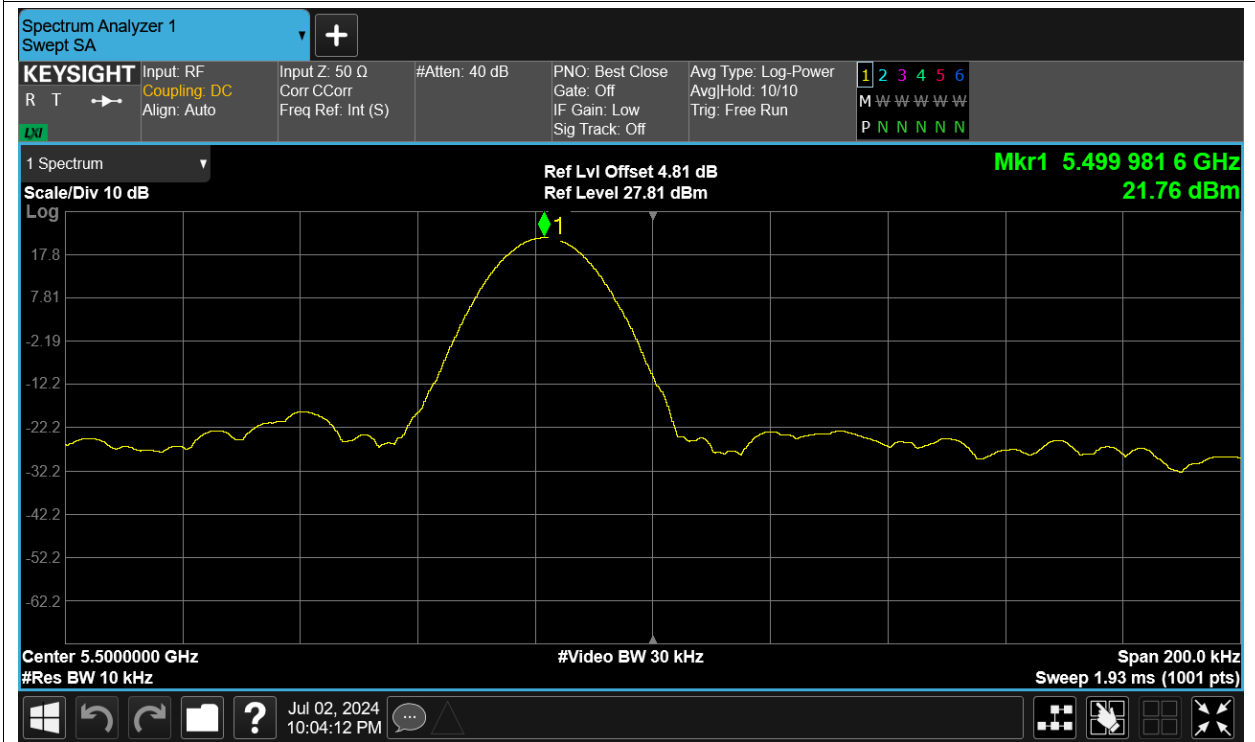
Freq. Stability LVNT a 5500MHz ANT2



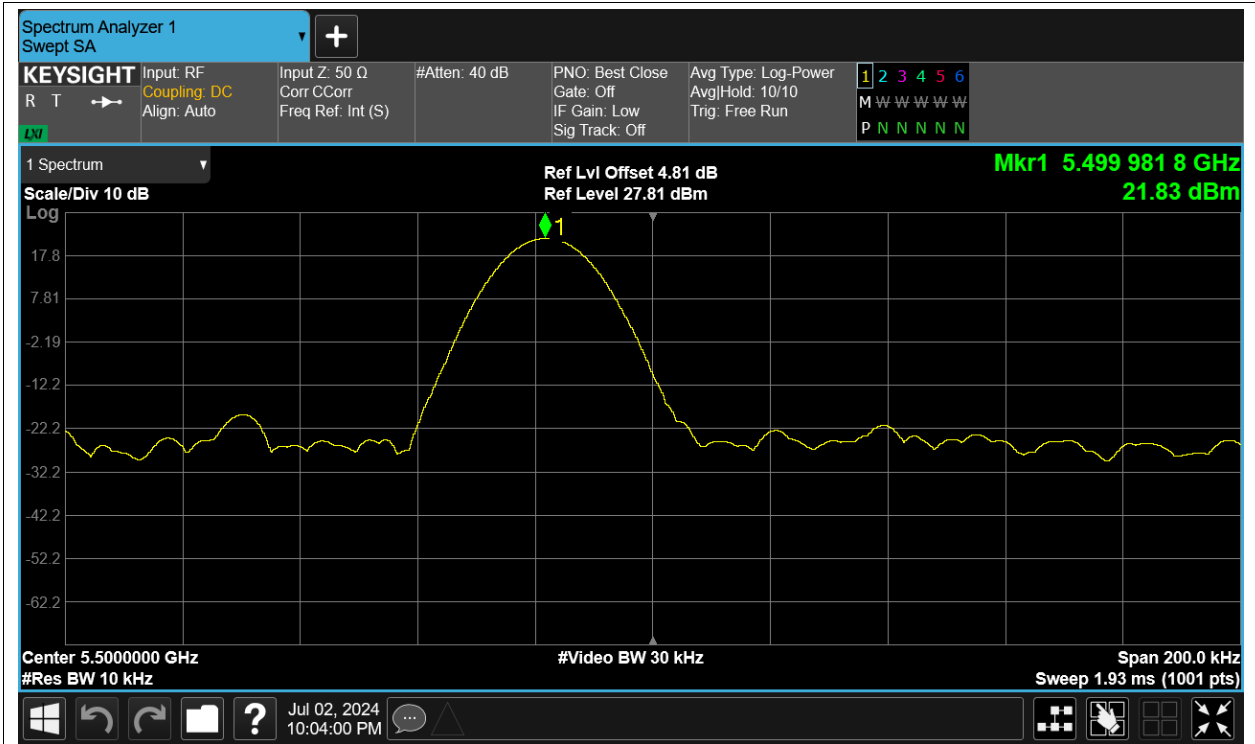
Freq. Stability NVHT a 5500MHz ANT2



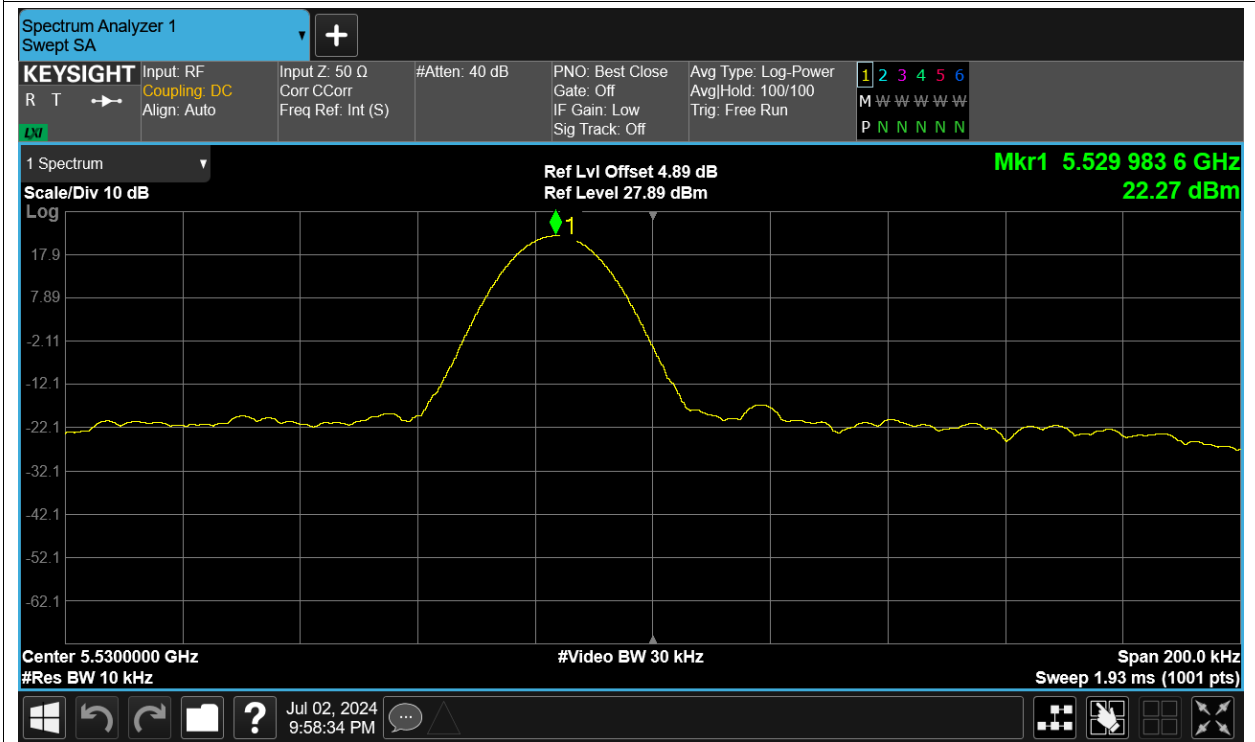
Freq. Stability NVLT a 5500MHz ANT2



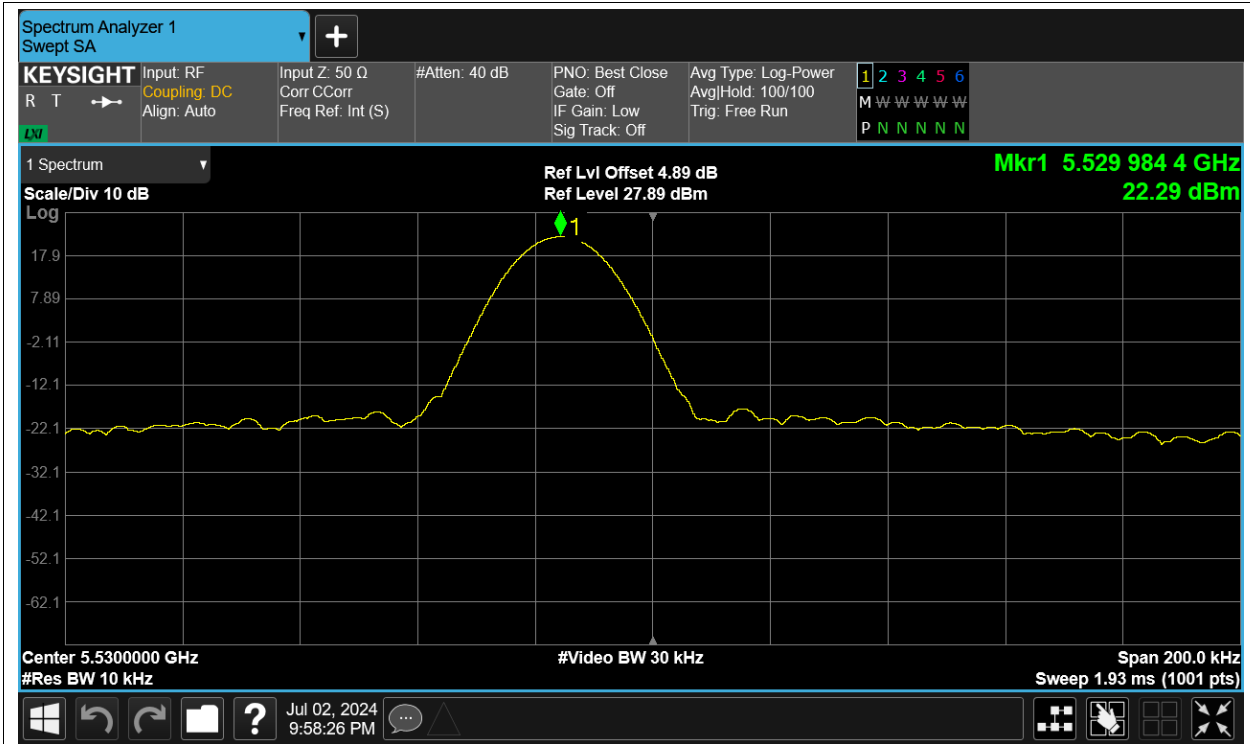
Freq. Stability NVNT a 5500MHz ANT2



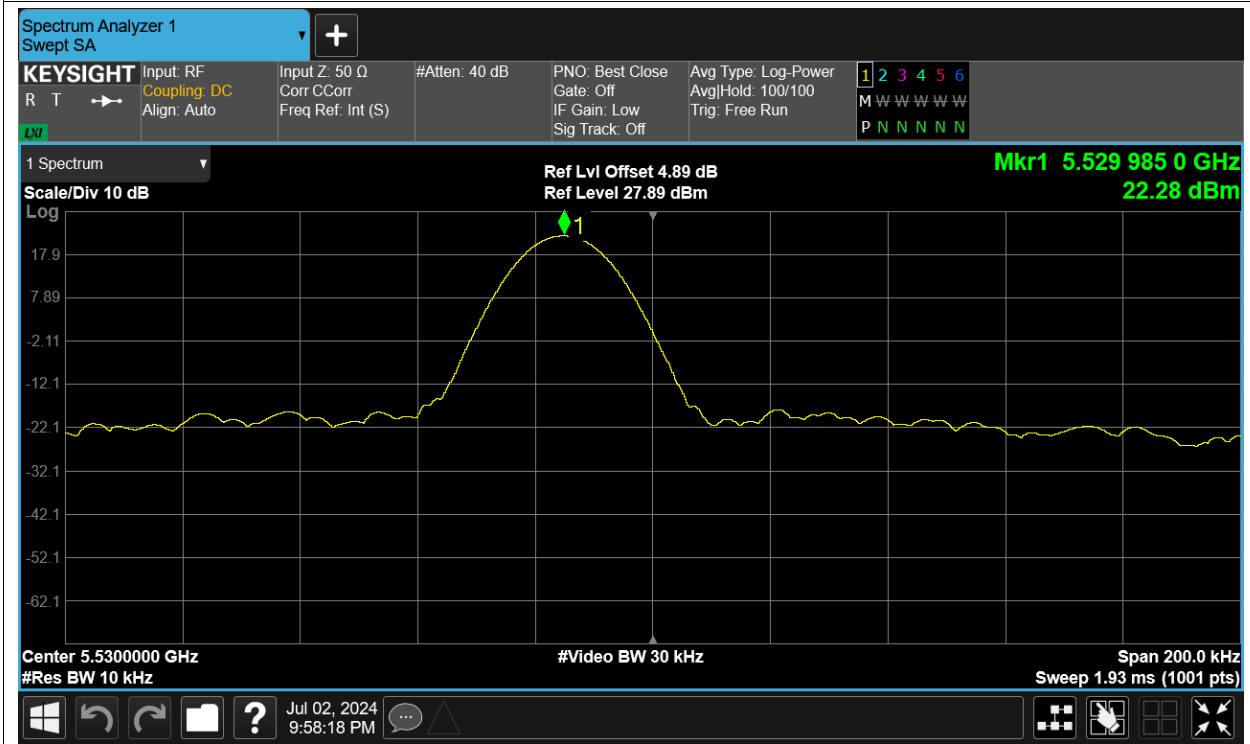
Freq. Stability HVNT ac80 5530MHz ANT2



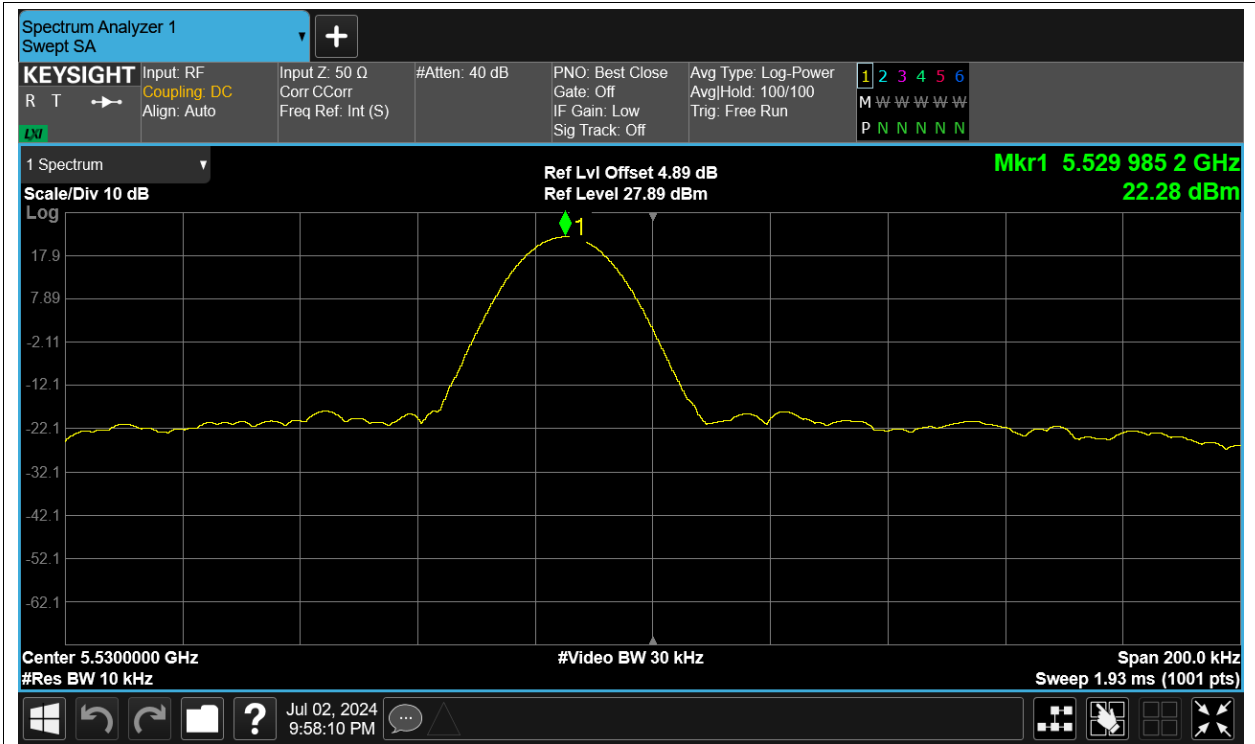
Freq. Stability LVNT ac80 5530MHz ANT2



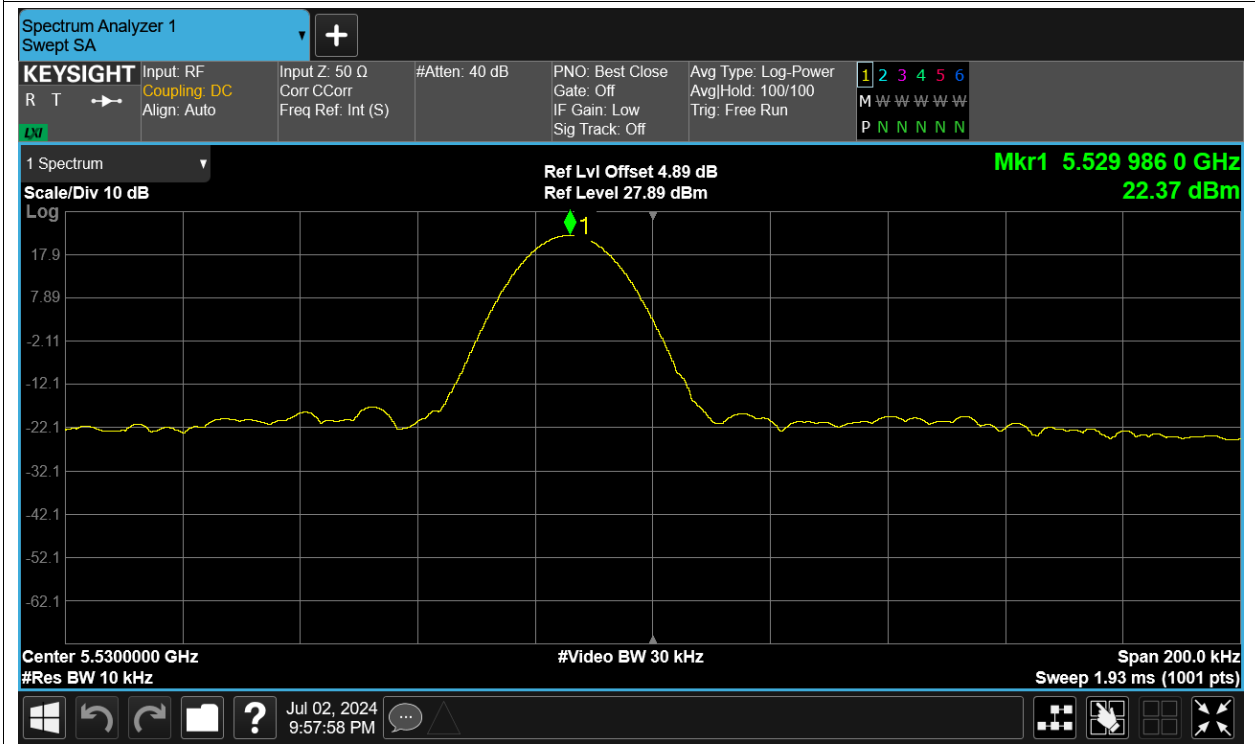
Freq. Stability NVHT ac80 5530MHz ANT2



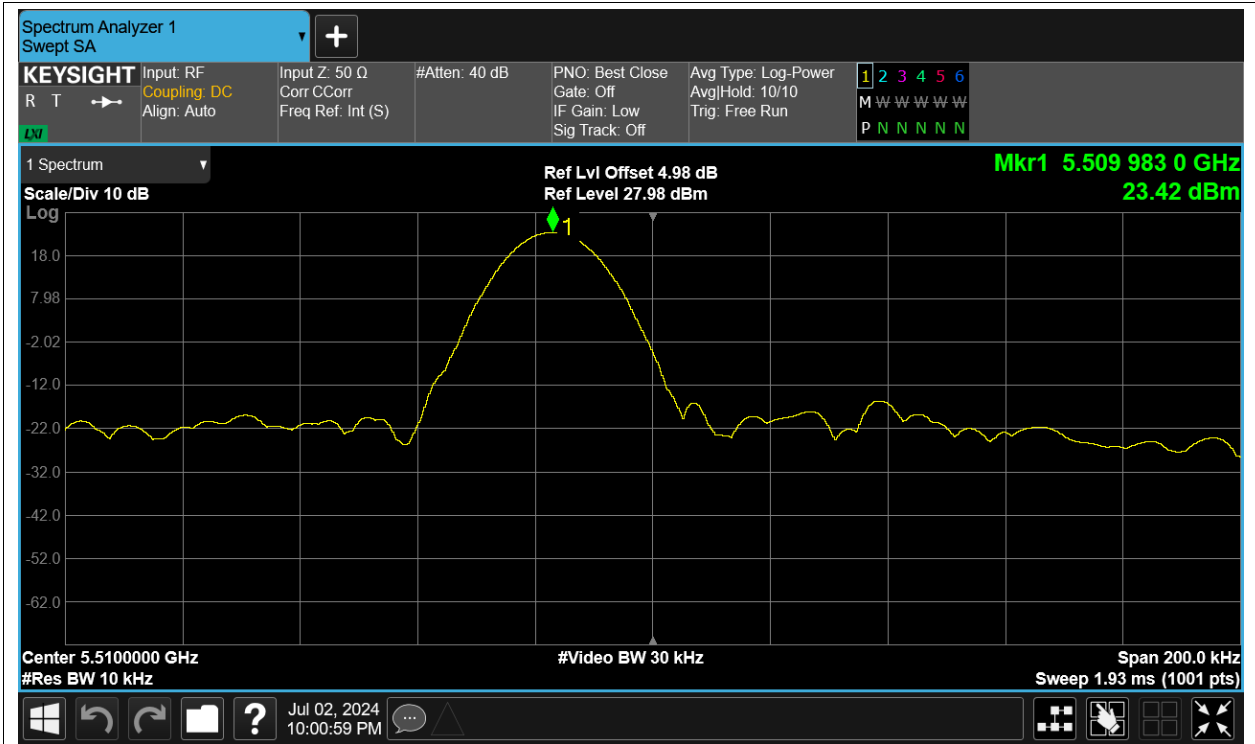
Freq. Stability NVLT ac80 5530MHz ANT2



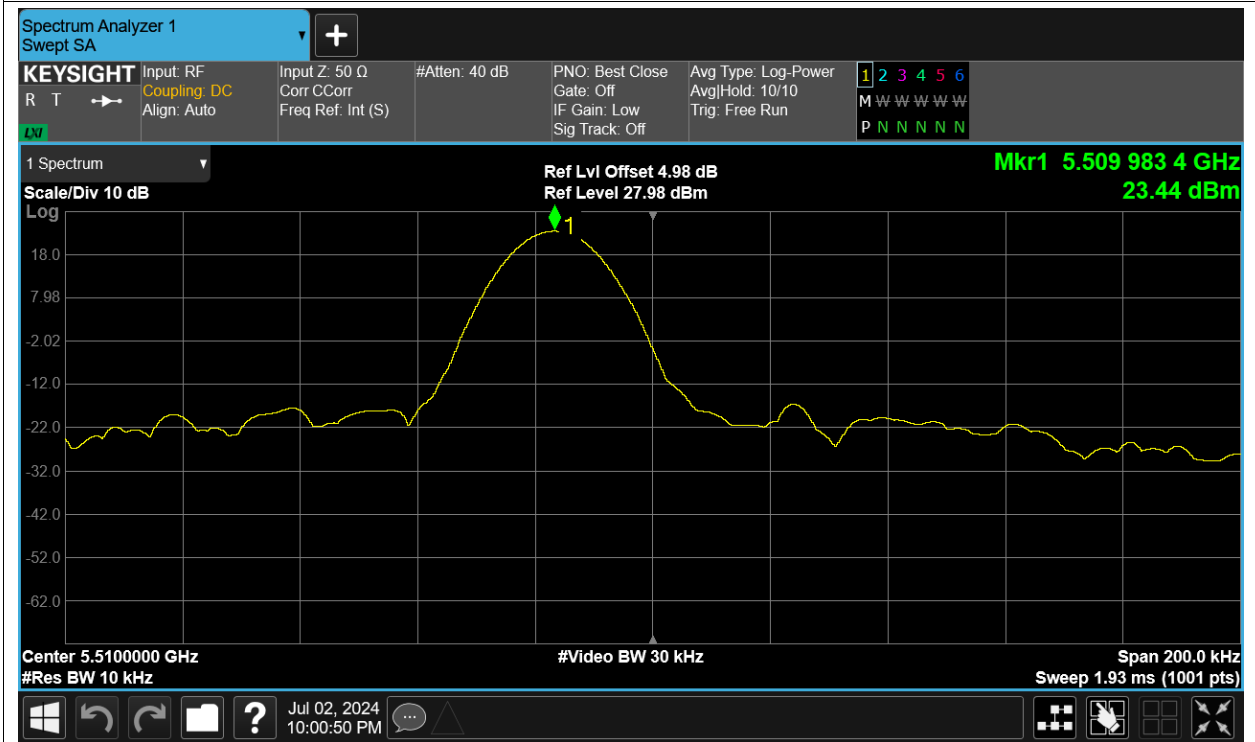
Freq. Stability NVNT ac80 5530MHz ANT2



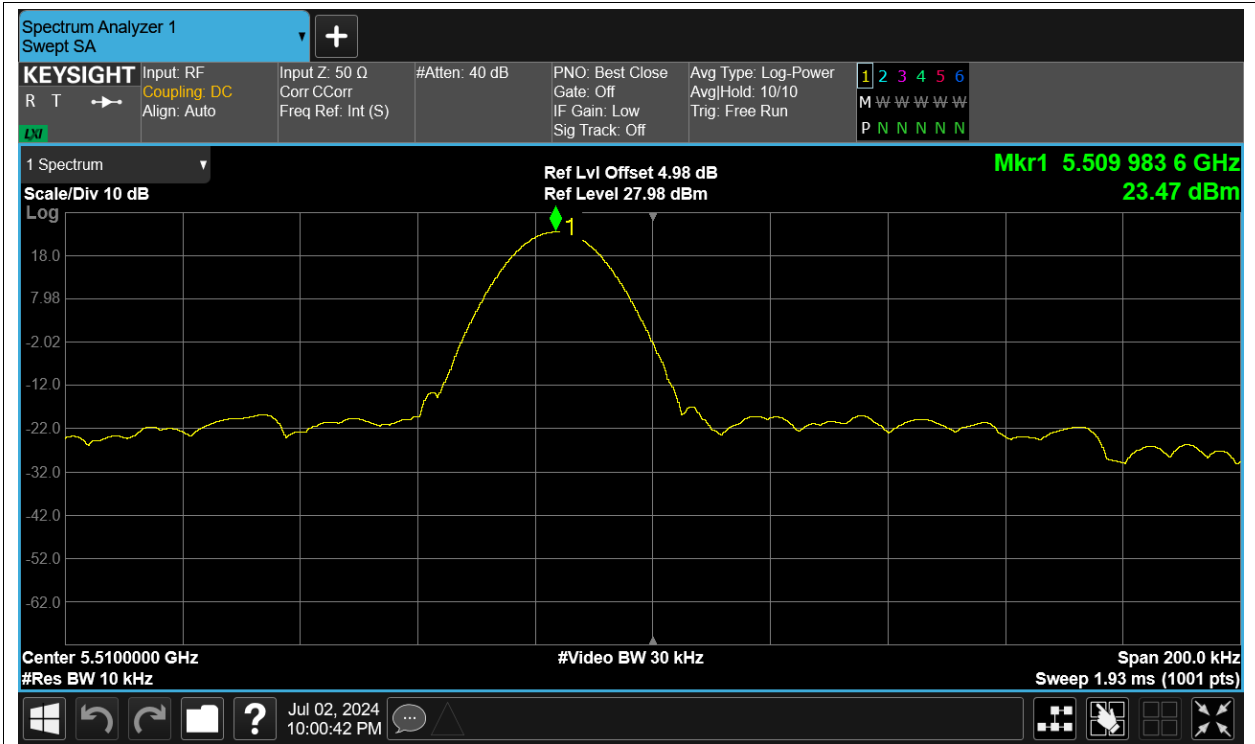
Freq. Stability HVNT n40 5510MHz ANT2



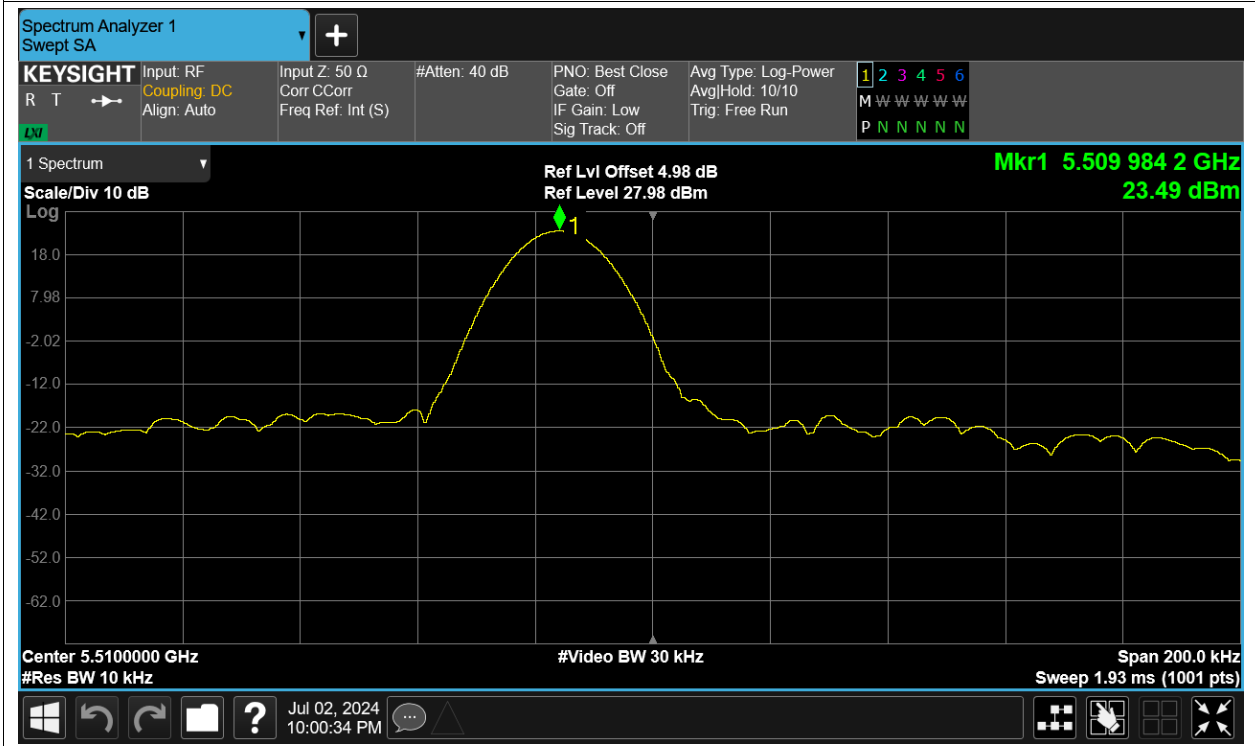
Freq. Stability LVNT n40 5510MHz ANT2



Freq. Stability NVHT n40 5510MHz ANT2



Freq. Stability NVLT n40 5510MHz ANT2

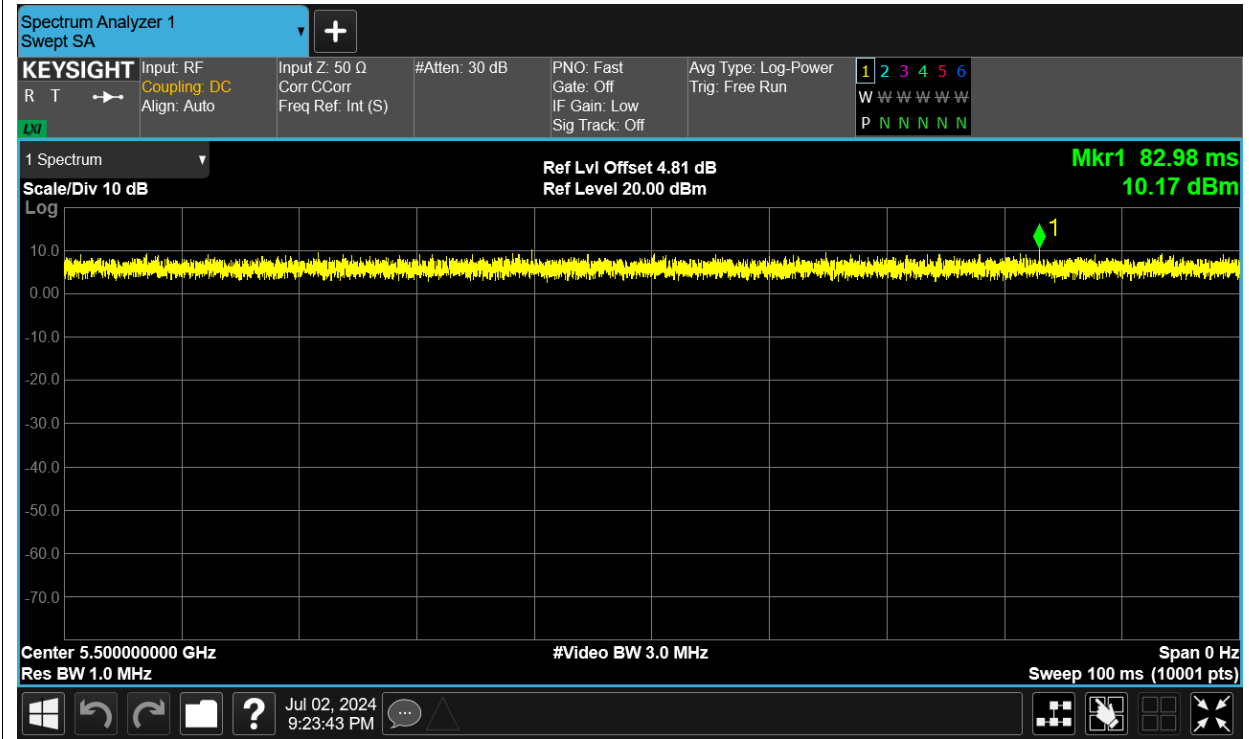


Duty Cycle

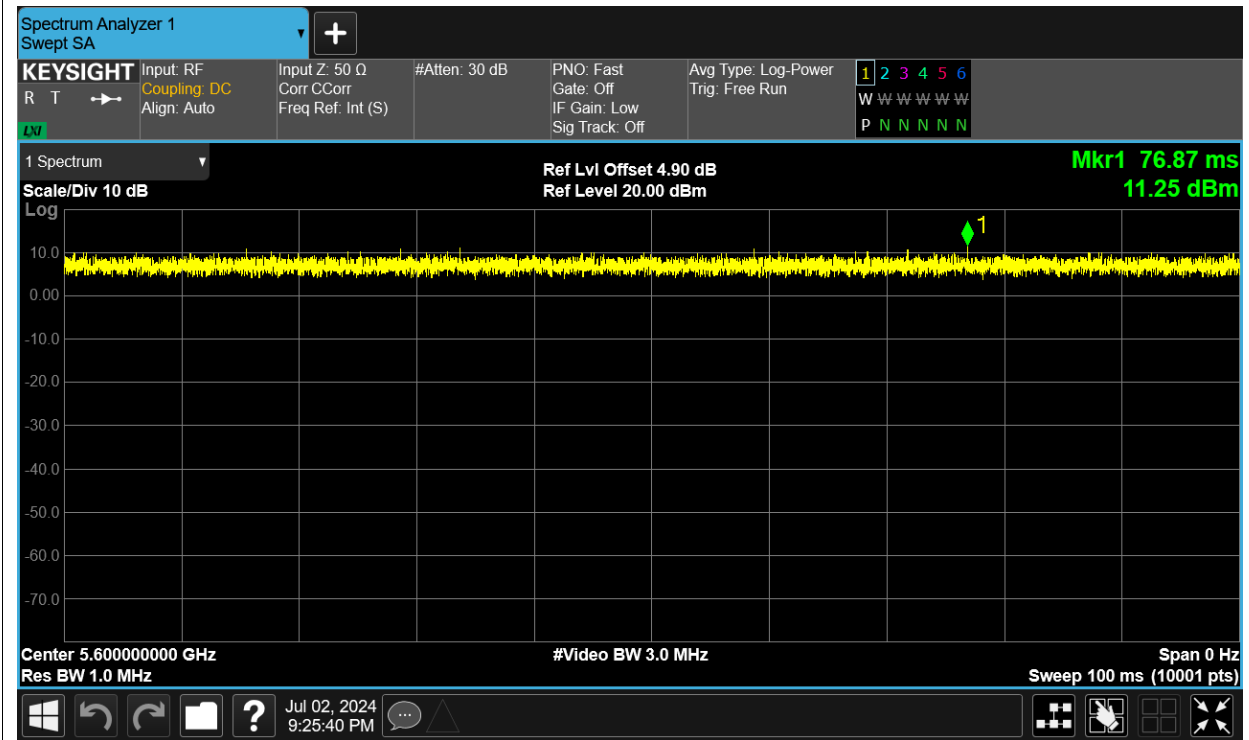
Condition	Mode	Frequency (MHz)	Antenna	Duty Cycle (%)	Correction Factor (dB)
NVNT	a	5500	ANT2	100	0
NVNT	a	5600	ANT2	100	0
NVNT	a	5700	ANT2	100	0
NVNT	ac20	5500	ANT2	100	0
NVNT	ac20	5600	ANT2	100	0
NVNT	ac20	5700	ANT2	100	0
NVNT	ac40	5510	ANT2	100	0
NVNT	ac40	5590	ANT2	100	0
NVNT	ac40	5670	ANT2	100	0
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

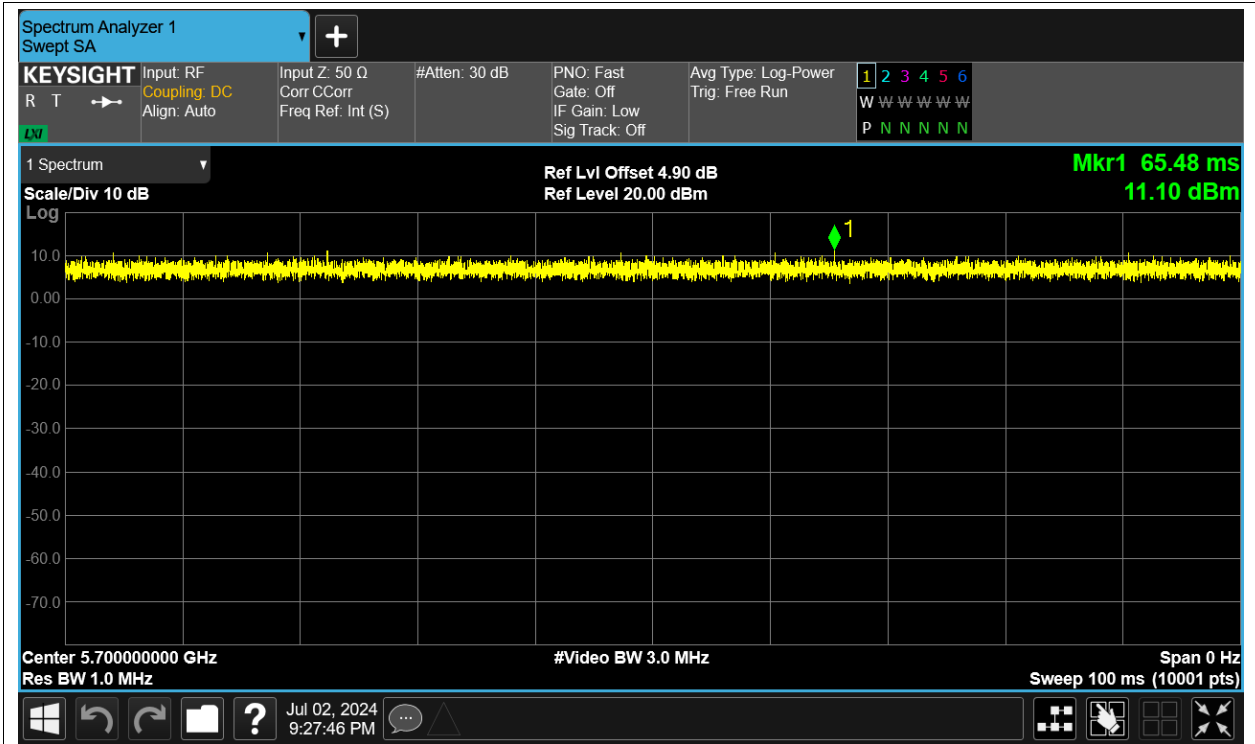
Duty Cycle NVNT a 5500MHz ANT2



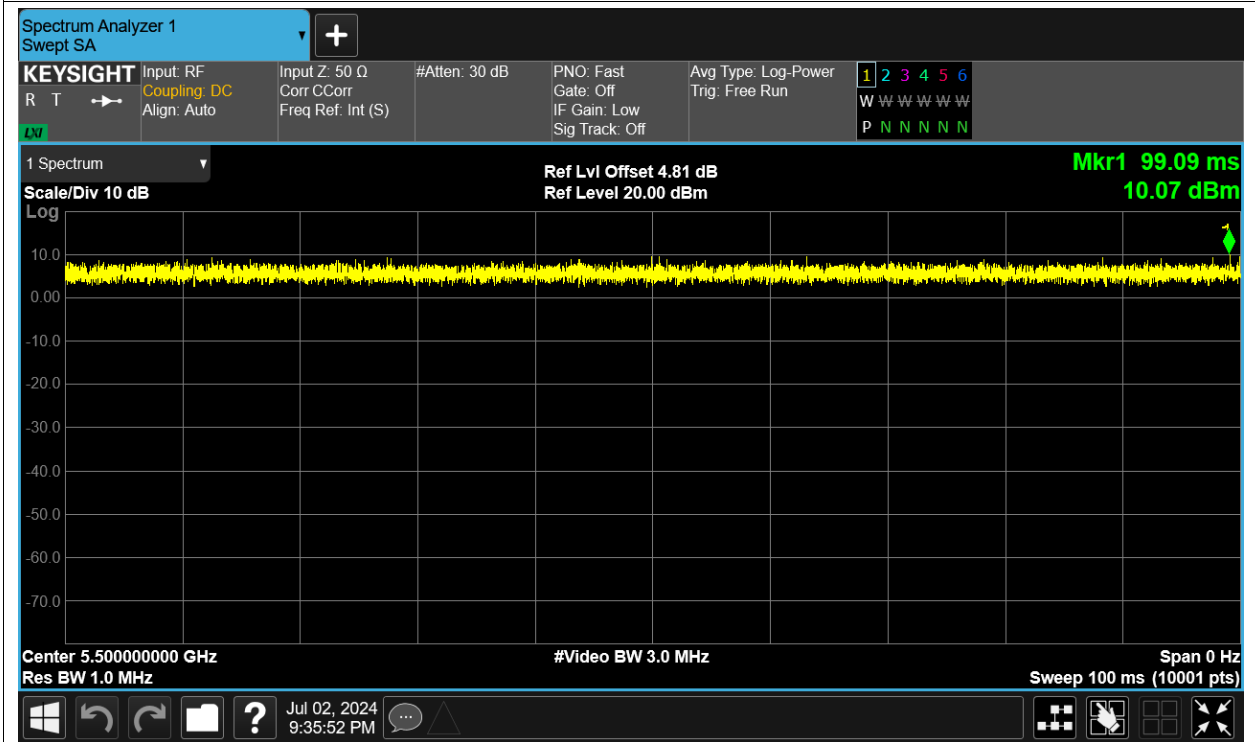
Duty Cycle NVNT a 5600MHz ANT2



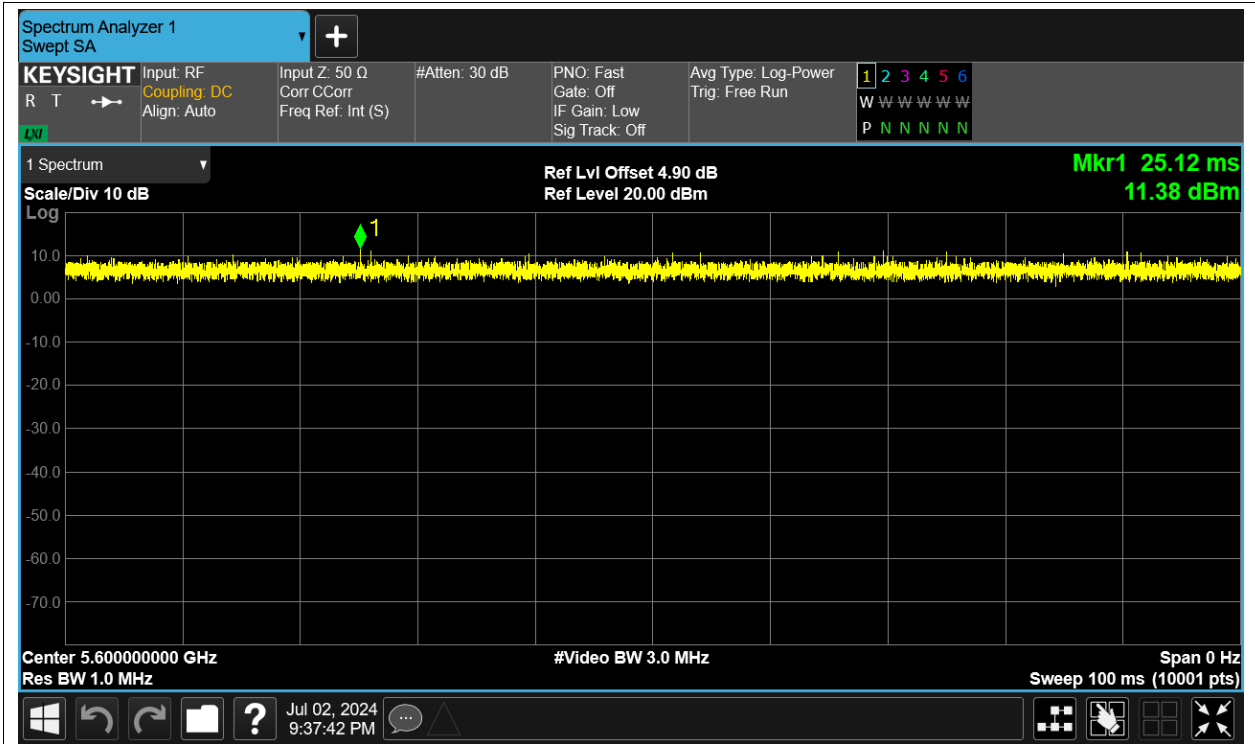
Duty Cycle NVNT a 5700MHz ANT2



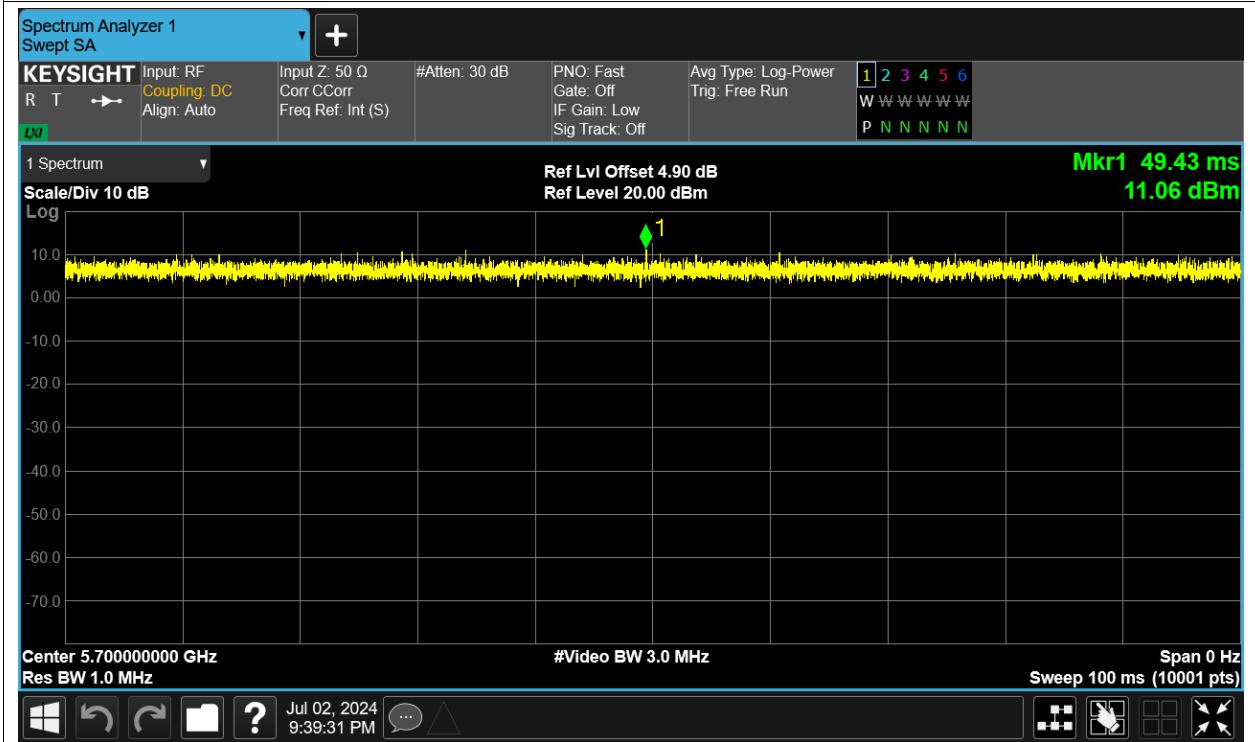
Duty Cycle NVNT ac20 5500MHz ANT2



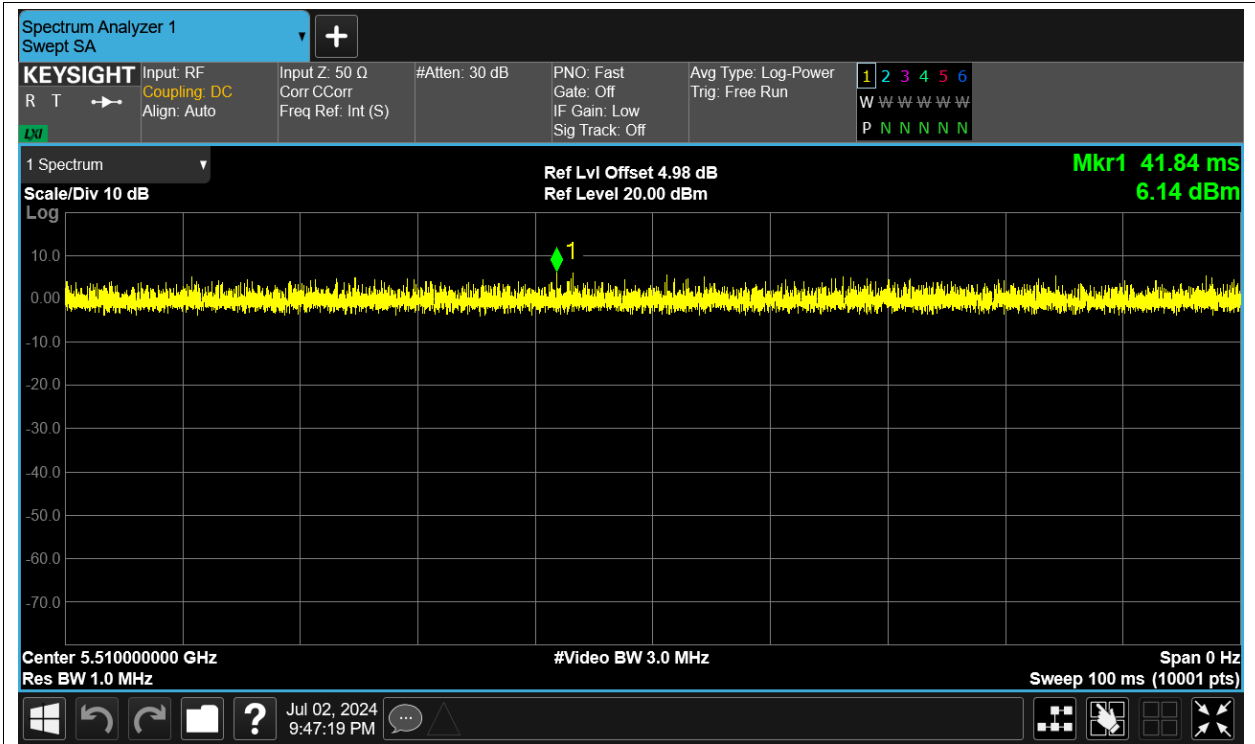
Duty Cycle NVNT ac20 5600MHz ANT2



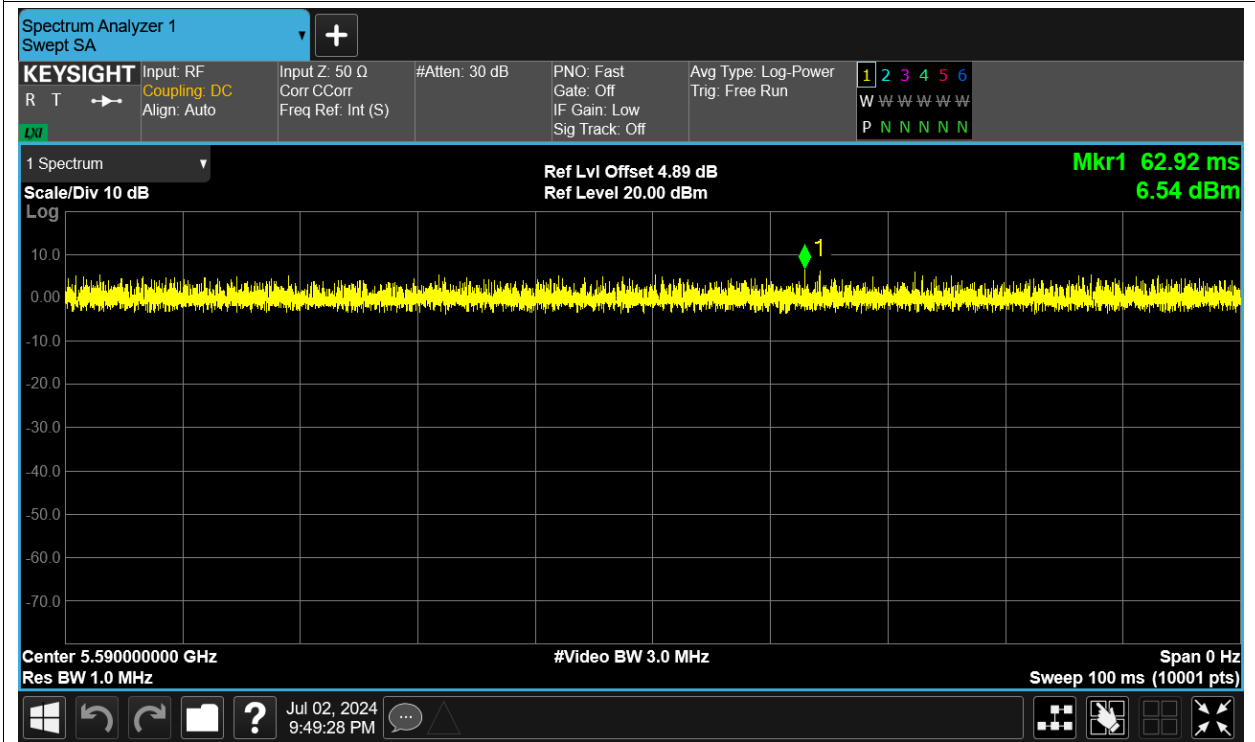
Duty Cycle NVNT ac20 5700MHz ANT2



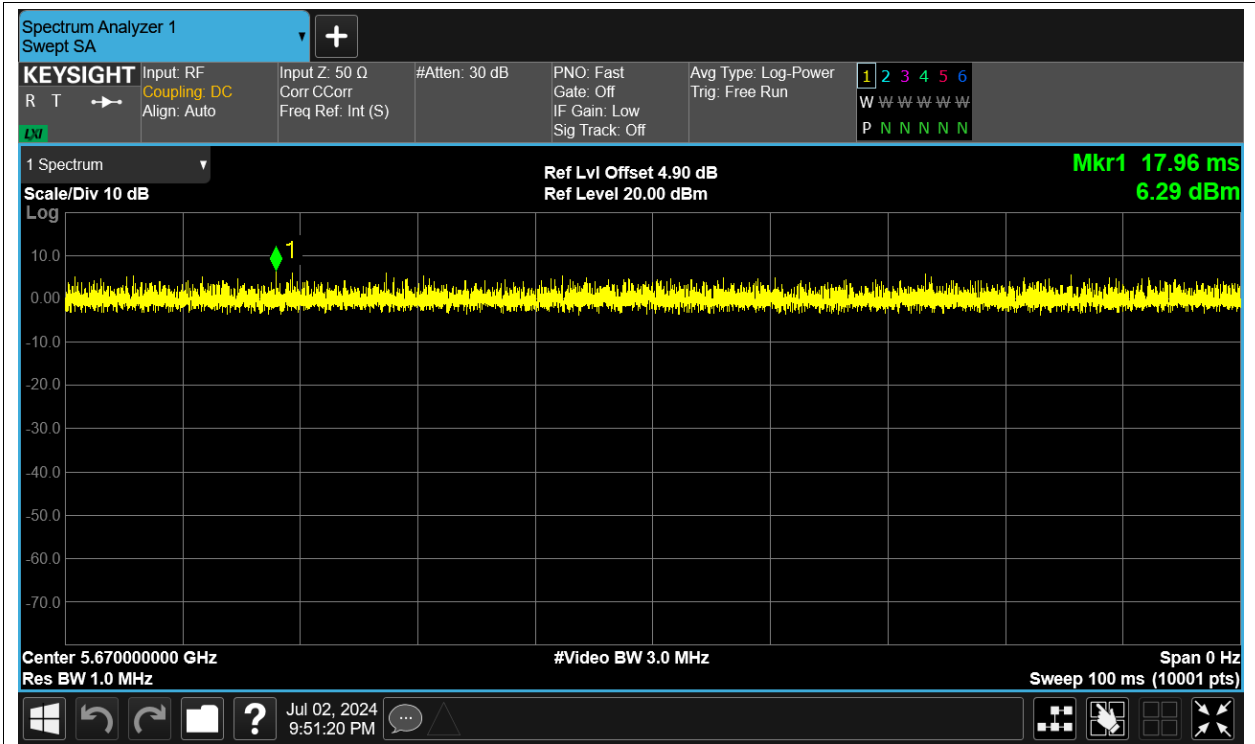
Duty Cycle NVNT ac40 5510MHz ANT2



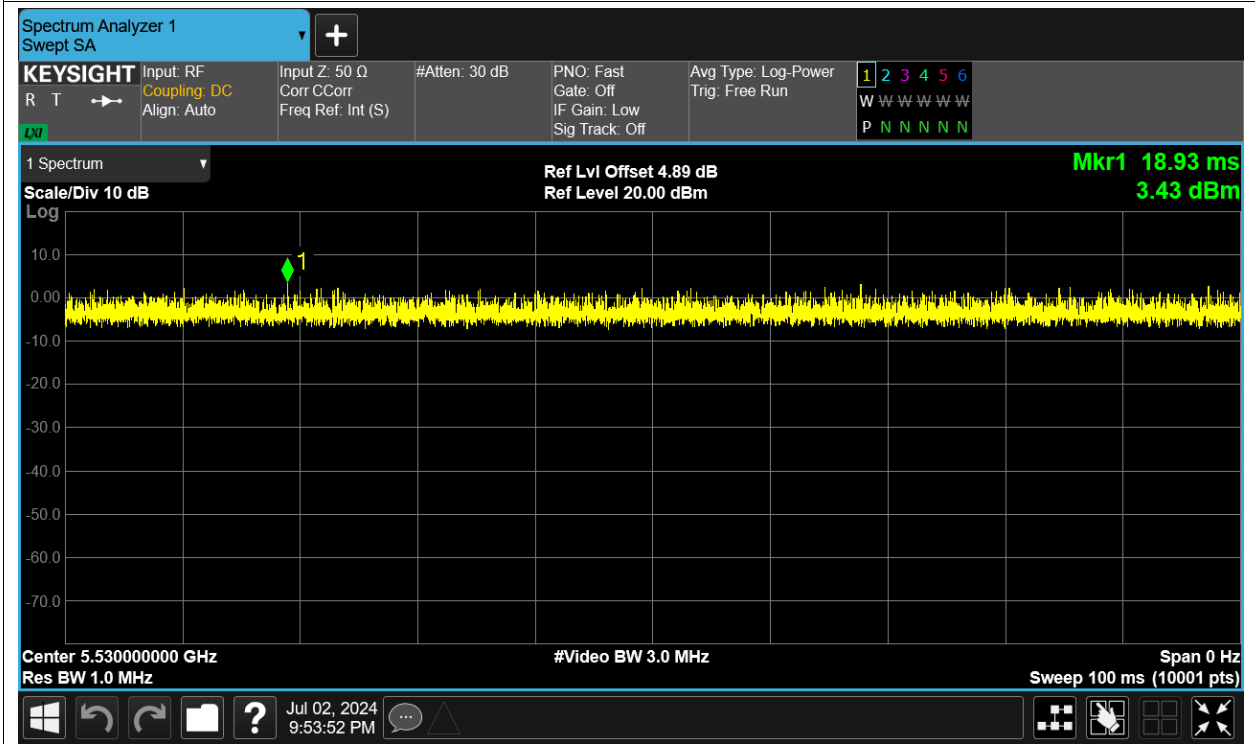
Duty Cycle NVNT ac40 5590MHz ANT2



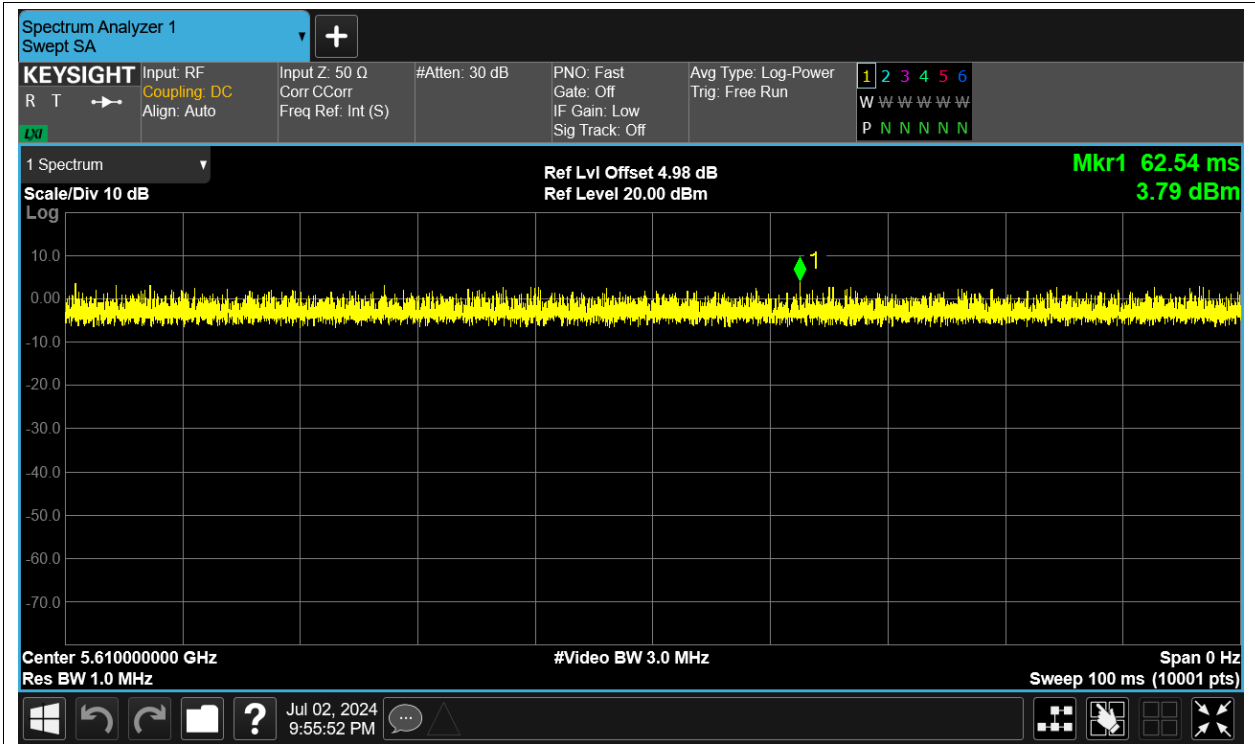
Duty Cycle NVNT ac40 5670MHz ANT2



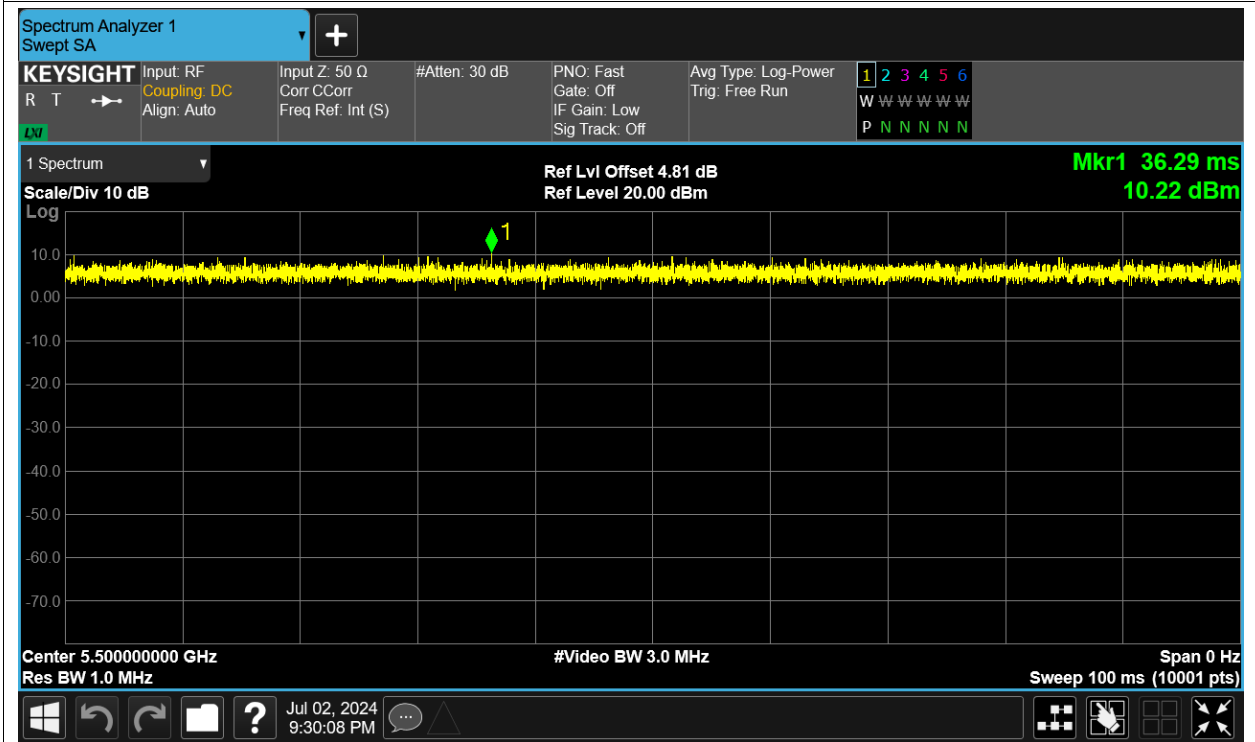
Duty Cycle NVNT ac80 5530MHz ANT2



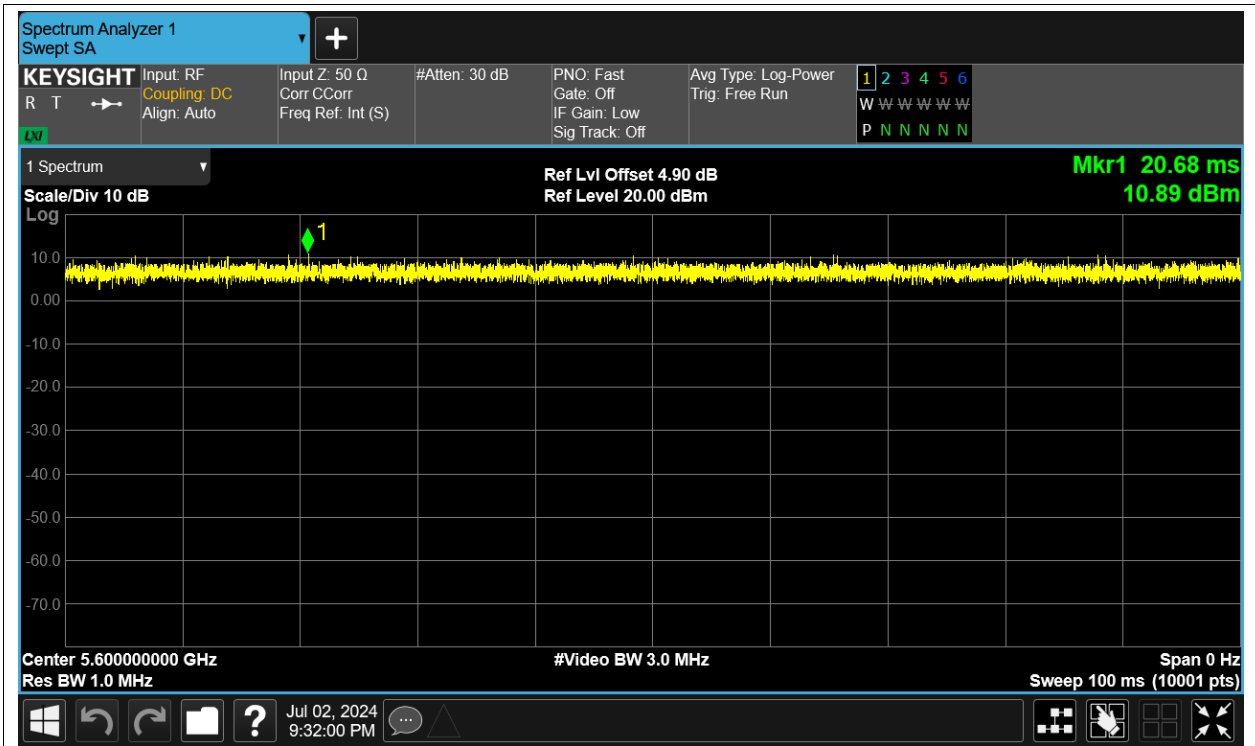
Duty Cycle NVNT ac80 5610MHz ANT2



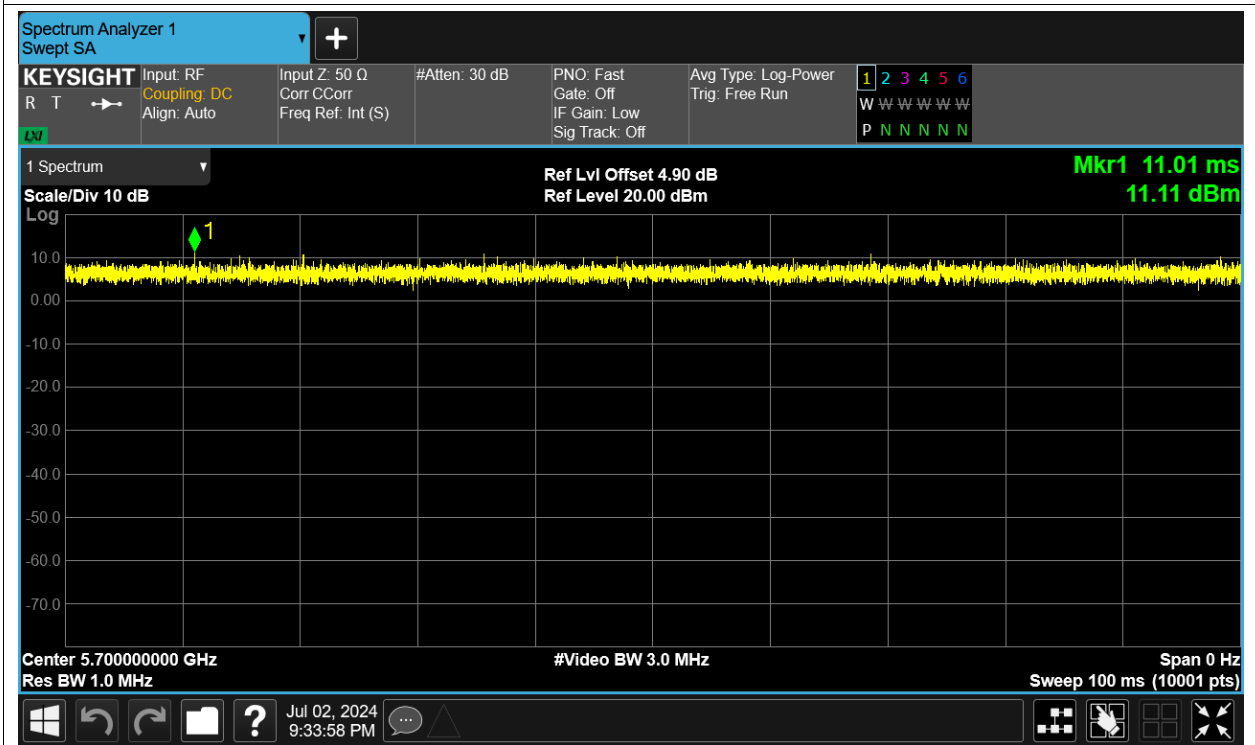
Duty Cycle NVNT n20 5500MHz ANT2



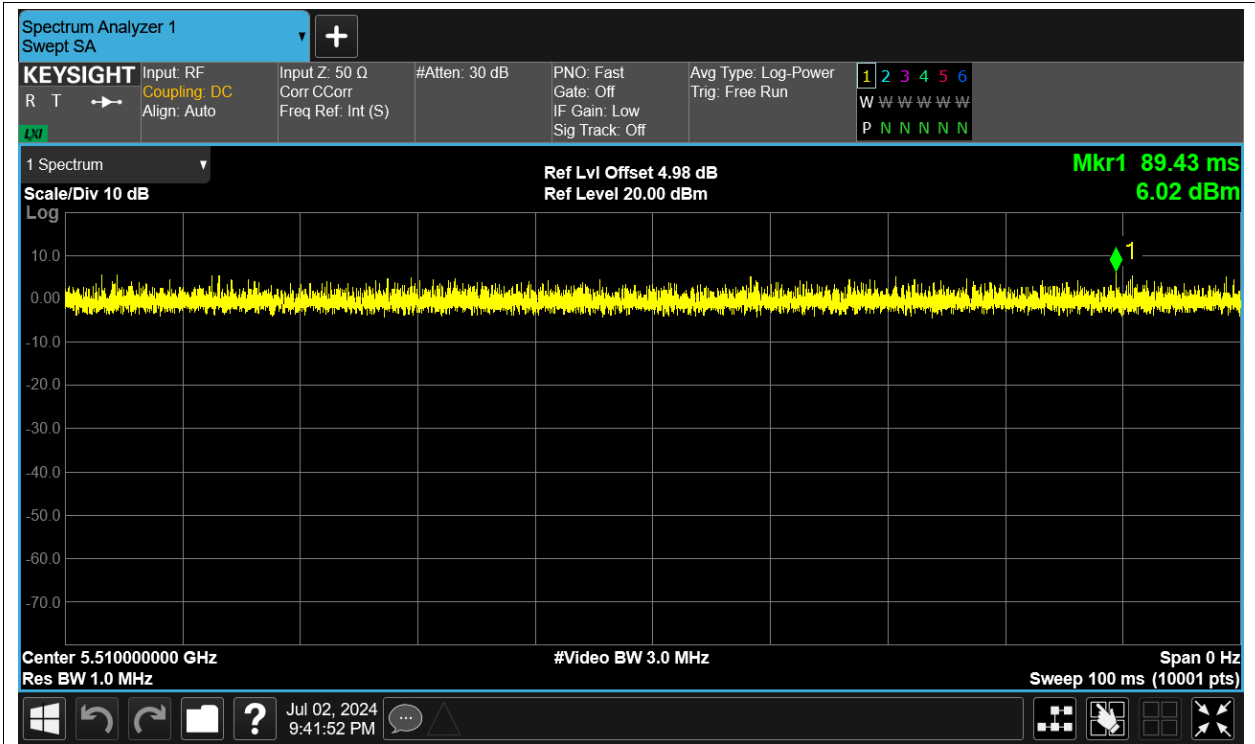
Duty Cycle NVNT n20 5600MHz ANT2



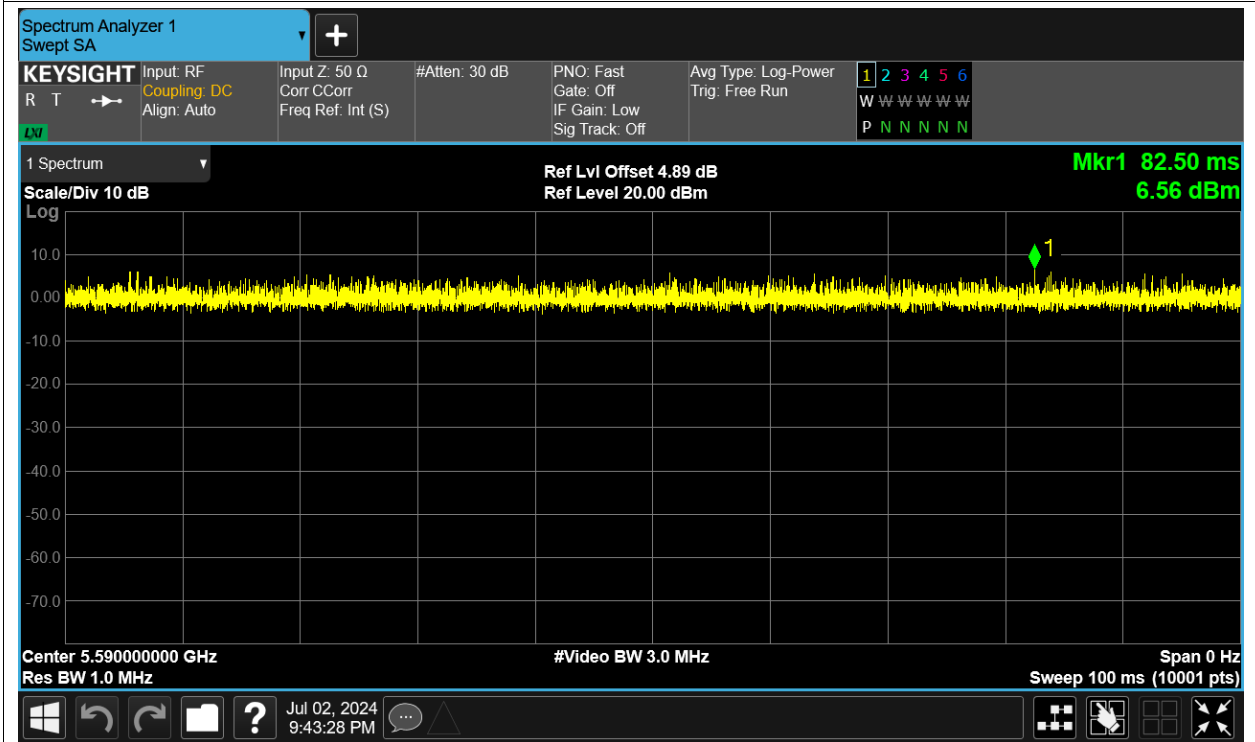
Duty Cycle NVNT n20 5700MHz ANT2



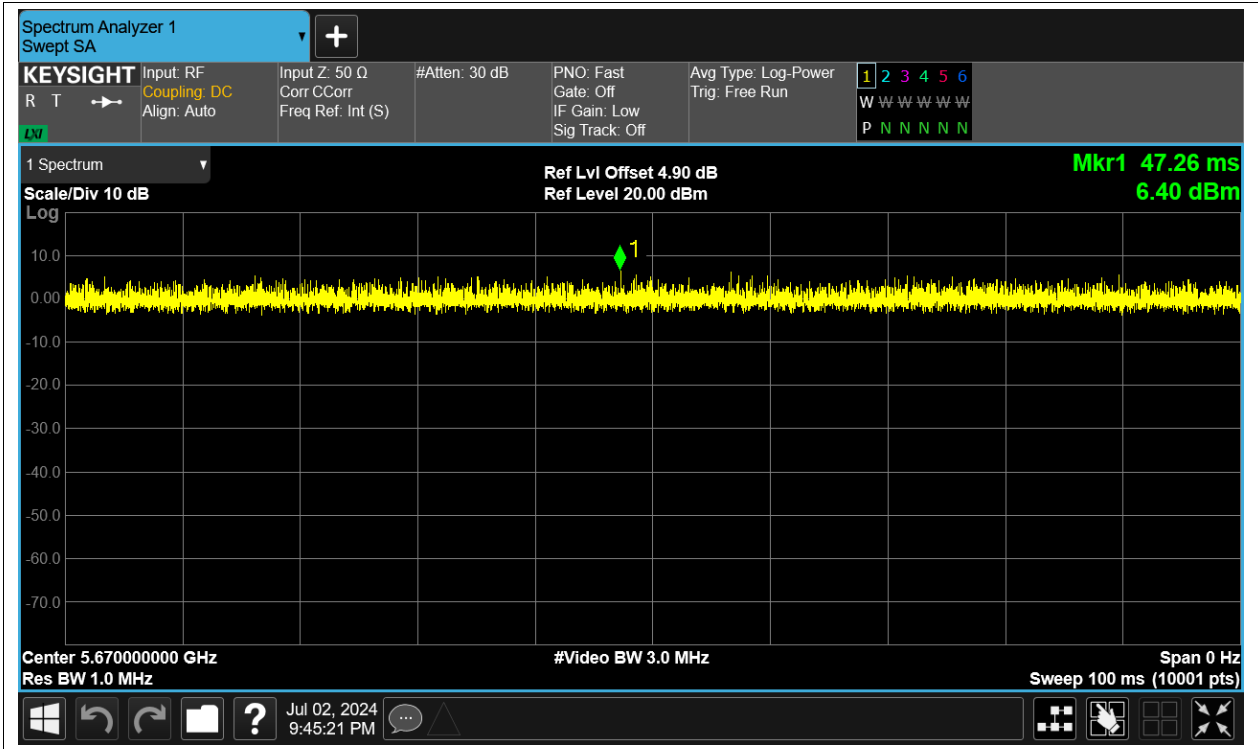
Duty Cycle NVNT n40 5510MHz ANT2



Duty Cycle NVNT n40 5590MHz ANT2



Duty Cycle NVNT n40 5670MHz ANT2



Maximum Conducted Output Power

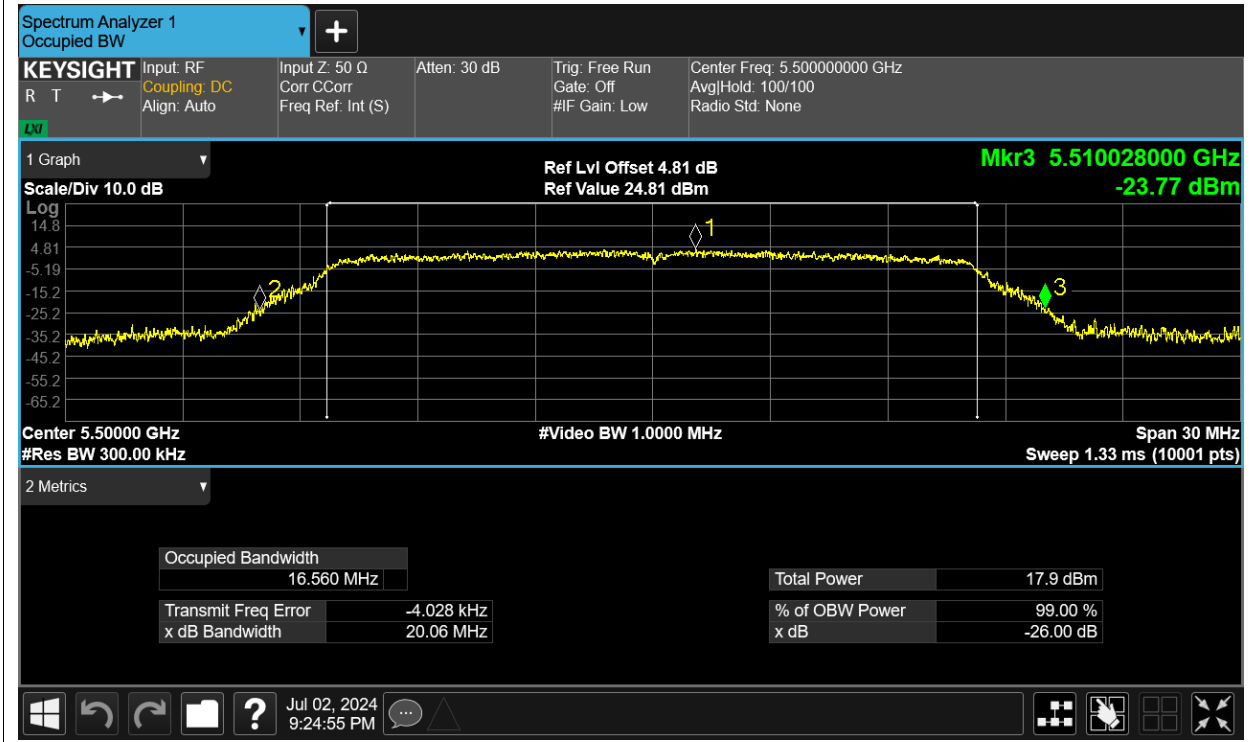
Condition	Mode	Frequency (MHz)	Antenna	Conducted Power (dBm)	Duty Factor (dB)	Total Power (dBm)	Limit (dBm)	Verdict
NVNT	a	5500	ANT2	13.73	0	13.73	24	Pass
NVNT	a	5600	ANT2	13.65	0	13.65	24	Pass
NVNT	a	5700	ANT2	13.64	0	13.64	24	Pass
NVNT	ac20	5500	ANT2	13.51	0	13.51	24	Pass
NVNT	ac20	5600	ANT2	13.38	0	13.38	24	Pass
NVNT	ac20	5700	ANT2	13.43	0	13.43	24	Pass
NVNT	ac40	5510	ANT2	13.32	0	13.32	24	Pass
NVNT	ac40	5590	ANT2	13.35	0	13.35	24	Pass
NVNT	ac40	5670	ANT2	13.09	0	13.09	24	Pass
NVNT	ac80	5530	ANT2	13.11	0	13.11	24	Pass
NVNT	ac80	5610	ANT2	13.54	0	13.54	24	Pass
NVNT	n20	5500	ANT2	13.61	0	13.61	24	Pass
NVNT	n20	5600	ANT2	13.42	0	13.42	24	Pass
NVNT	n20	5700	ANT2	13.42	0	13.42	24	Pass
NVNT	n40	5510	ANT2	13.12	0	13.12	24	Pass
NVNT	n40	5590	ANT2	13.38	0	13.38	24	Pass
NVNT	n40	5670	ANT2	13.14	0	13.14	24	Pass

-26dB Bandwidth

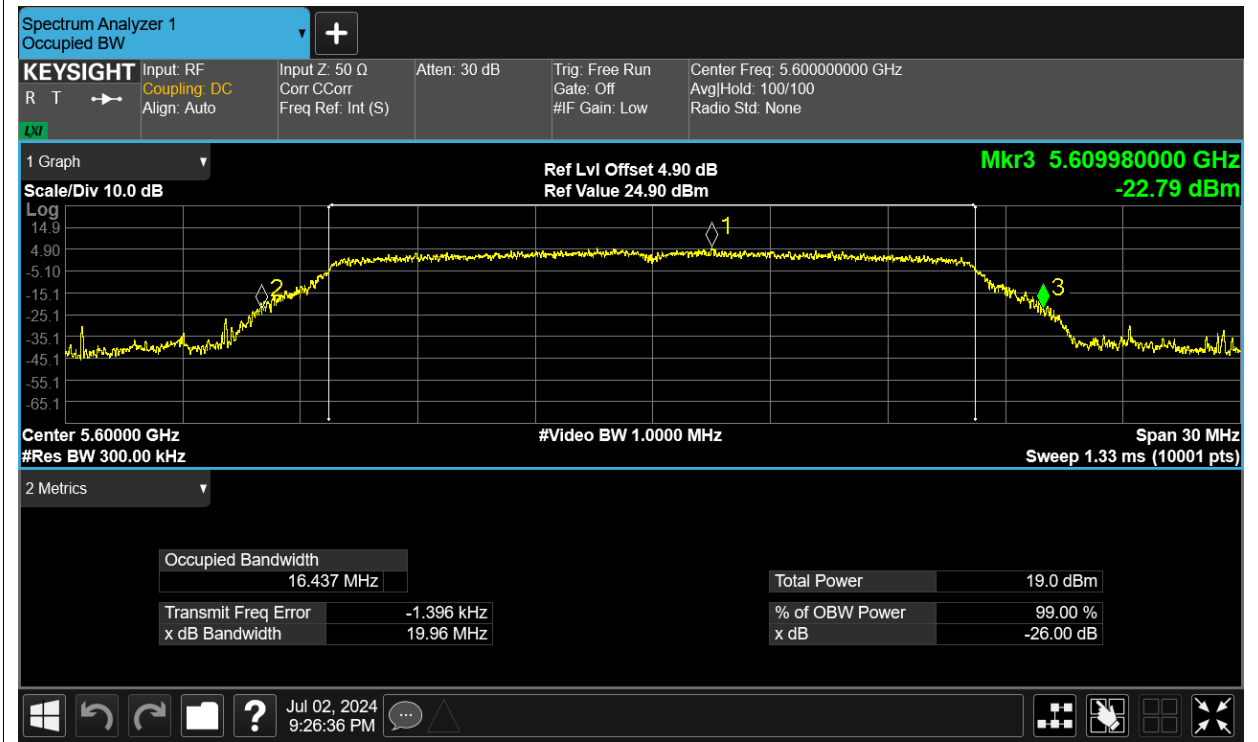
Condition	Mode	Frequency (MHz)	Antenna	-26 dB Bandwidth (MHz)
NVNT	a	5500	ANT2	20.064
NVNT	a	5600	ANT2	19.963
NVNT	a	5700	ANT2	20.01
NVNT	ac20	5500	ANT2	20.252
NVNT	ac20	5600	ANT2	20.44
NVNT	ac20	5700	ANT2	20.144
NVNT	ac40	5510	ANT2	39.724
NVNT	ac40	5590	ANT2	39.808
NVNT	ac40	5670	ANT2	39.378
NVNT	ac80	5530	ANT2	79.401
NVNT	ac80	5610	ANT2	79.357
NVNT	n20	5500	ANT2	20.348
NVNT	n20	5600	ANT2	20.219
NVNT	n20	5700	ANT2	20.351
NVNT	n40	5510	ANT2	39.661
NVNT	n40	5590	ANT2	39.77
NVNT	n40	5670	ANT2	40.123

Test Graphs

-26dB Bandwidth NVNT a 5500MHz ANT2



-26dB Bandwidth NVNT a 5600MHz ANT2



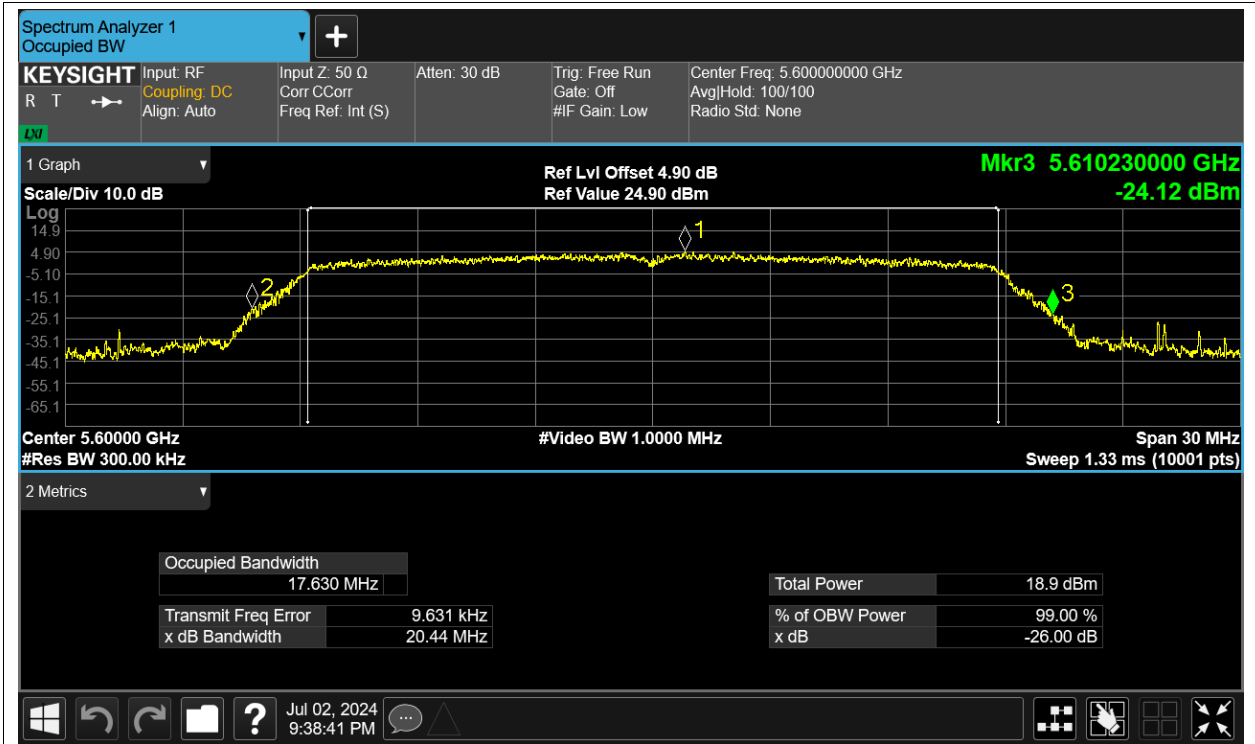
-26dB Bandwidth NVNT a 5700MHz ANT2



-26dB Bandwidth NVNT ac20 5500MHz ANT2



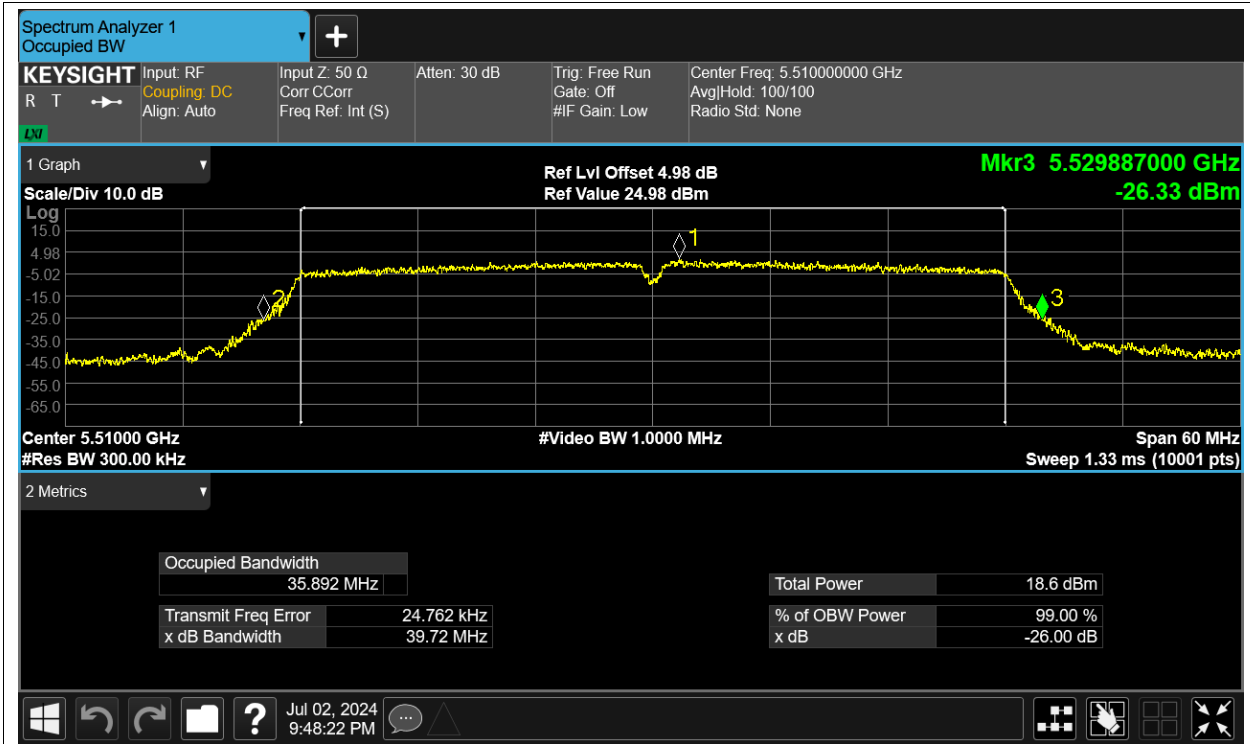
-26dB Bandwidth NVNT ac20 5600MHz ANT2



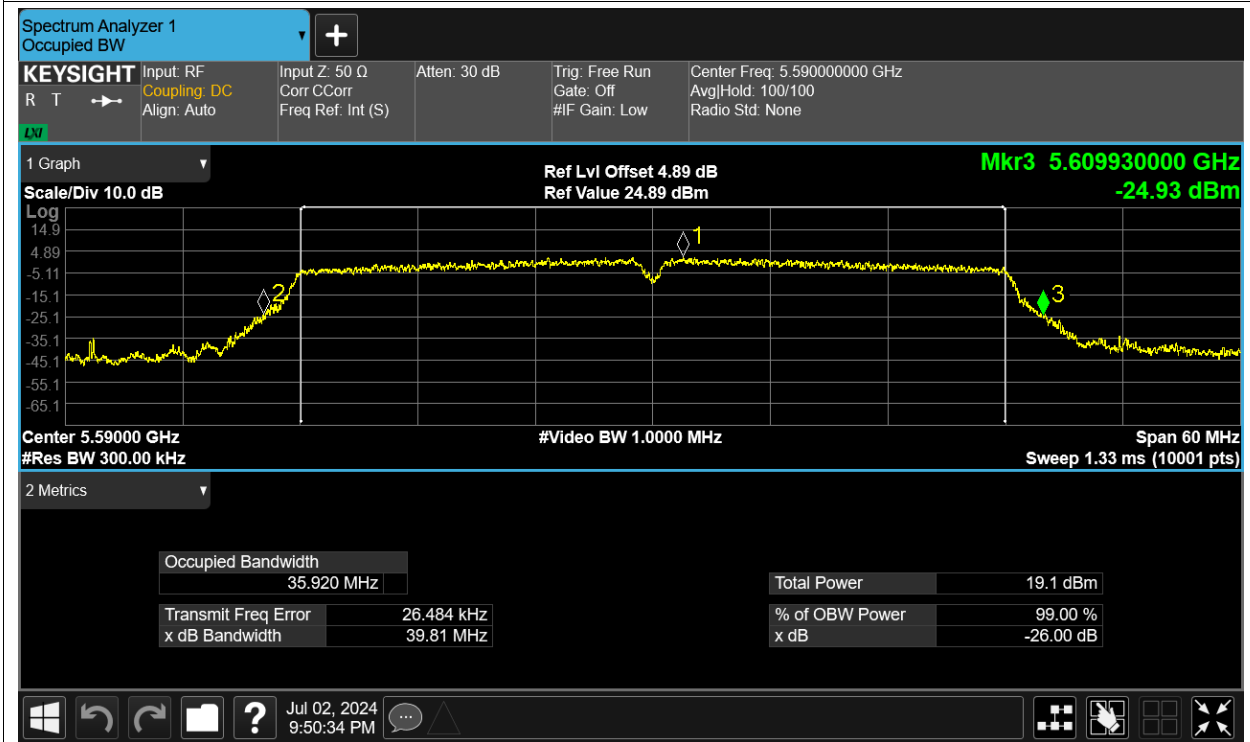
-26dB Bandwidth NVNT ac20 5700MHz ANT2



-26dB Bandwidth NVNT ac40 5510MHz ANT2



-26dB Bandwidth NVNT ac40 5590MHz ANT2



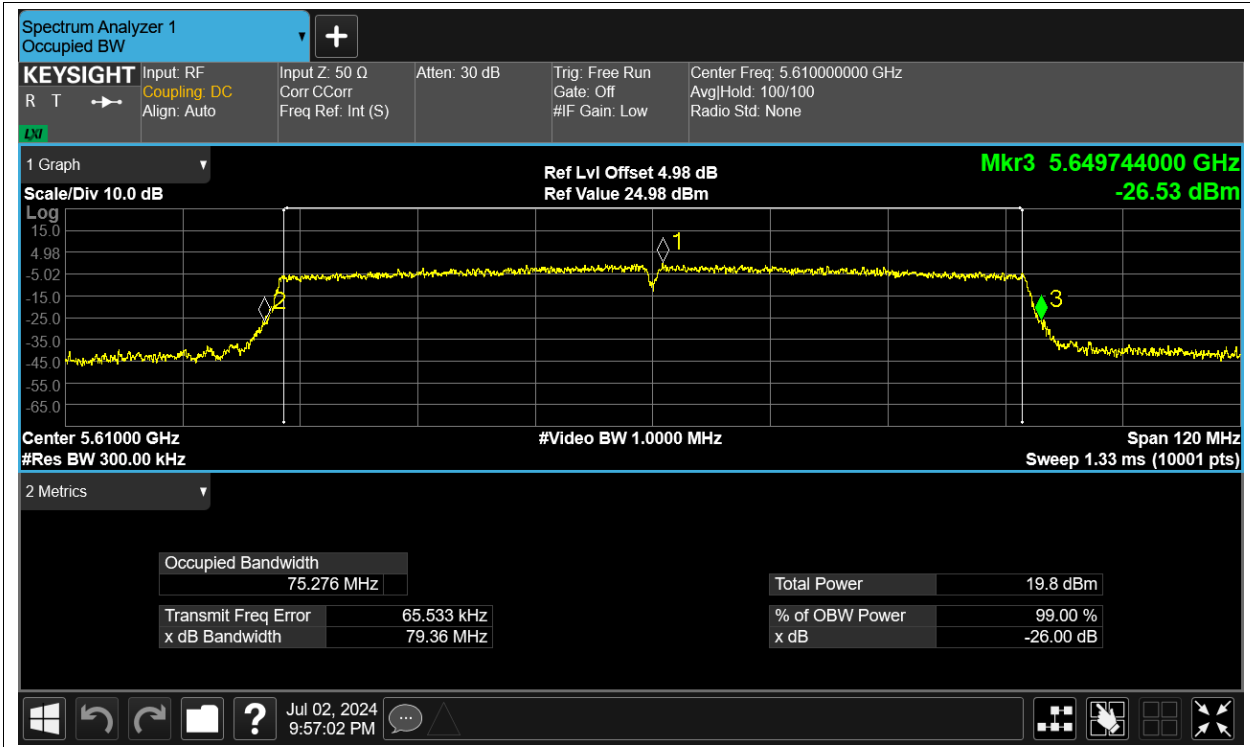
-26dB Bandwidth NVNT ac40 5670MHz ANT2



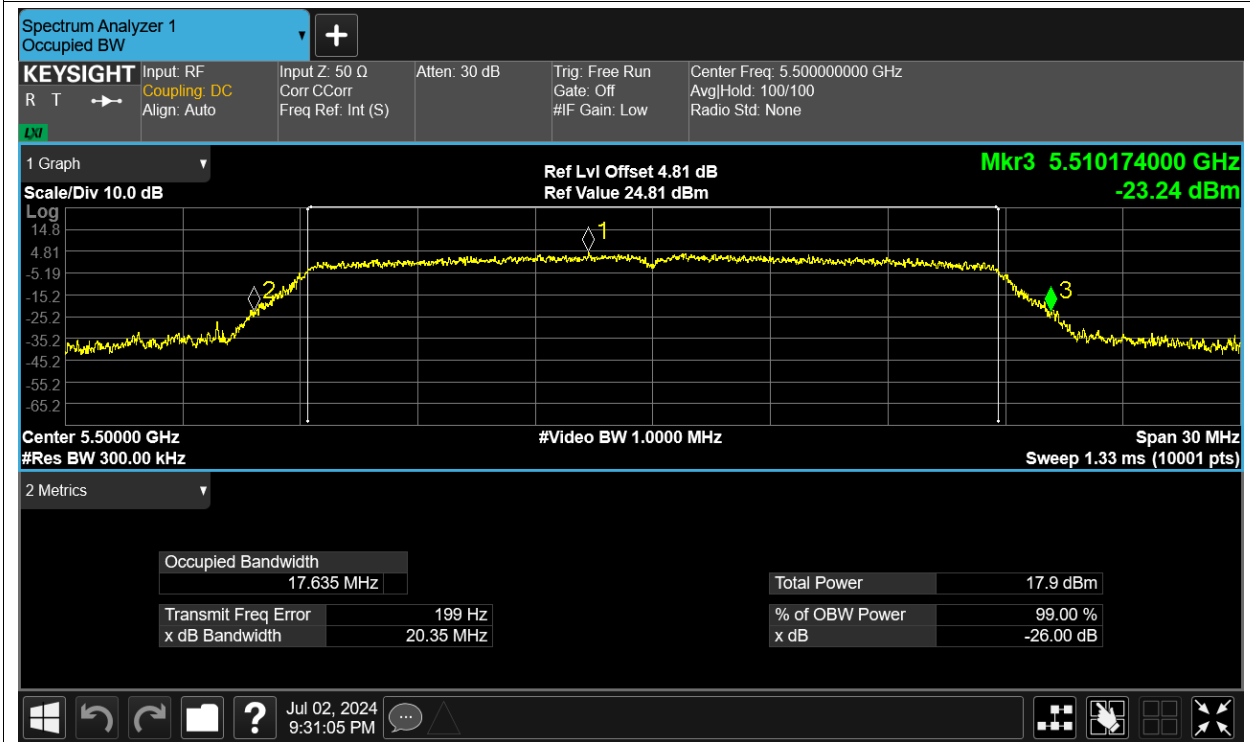
-26dB Bandwidth NVNT ac80 5530MHz ANT2



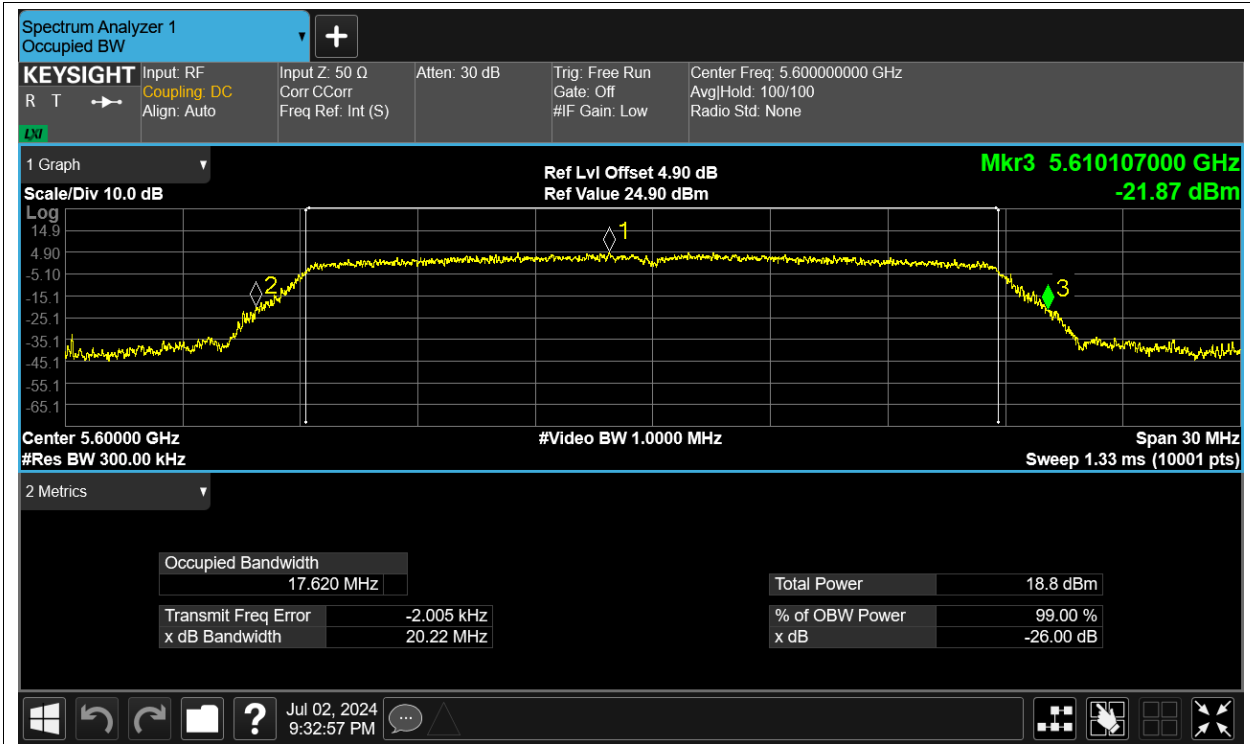
-26dB Bandwidth NVNT ac80 5610MHz ANT2



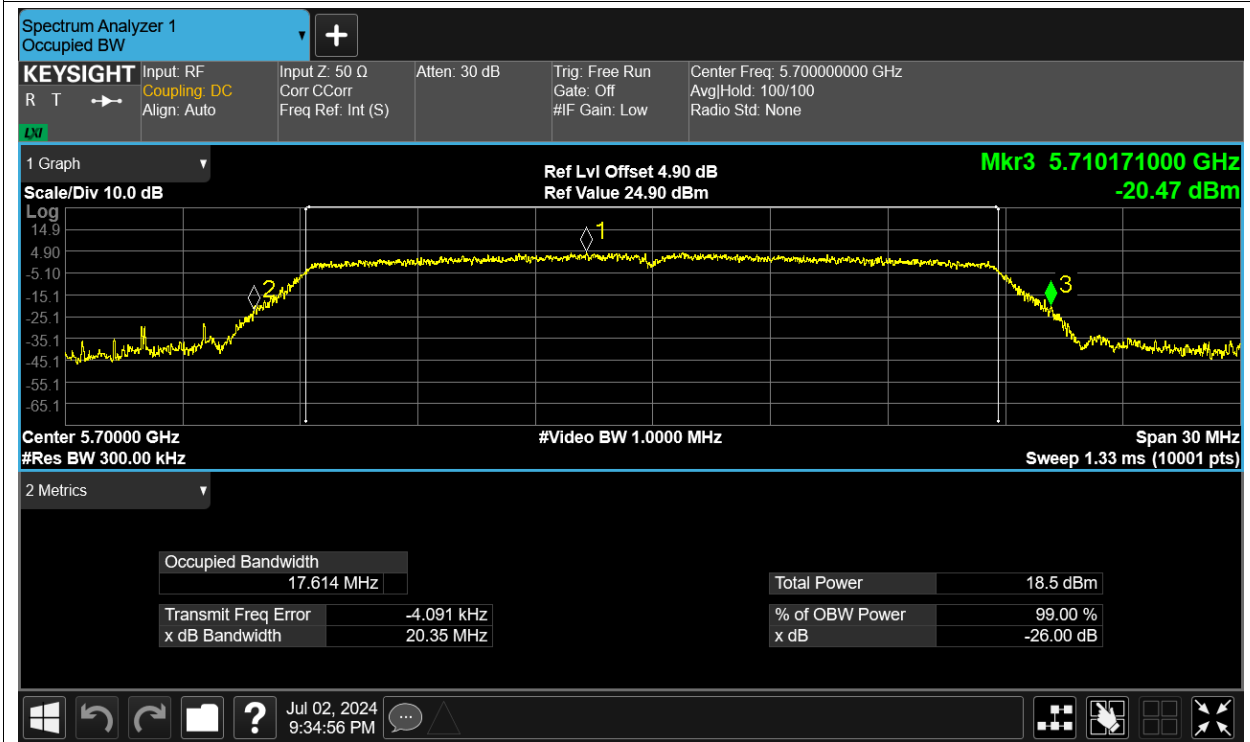
-26dB Bandwidth NVNT n20 5500MHz ANT2



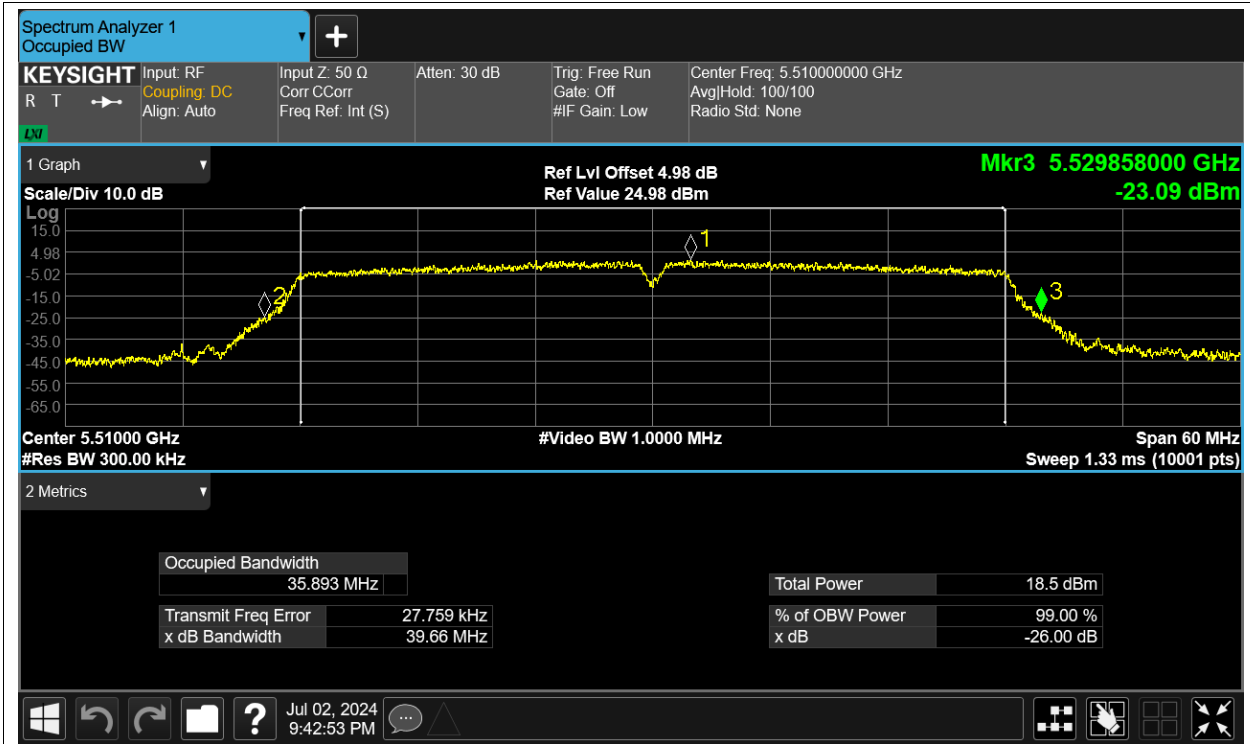
-26dB Bandwidth NVNT n20 5600MHz ANT2



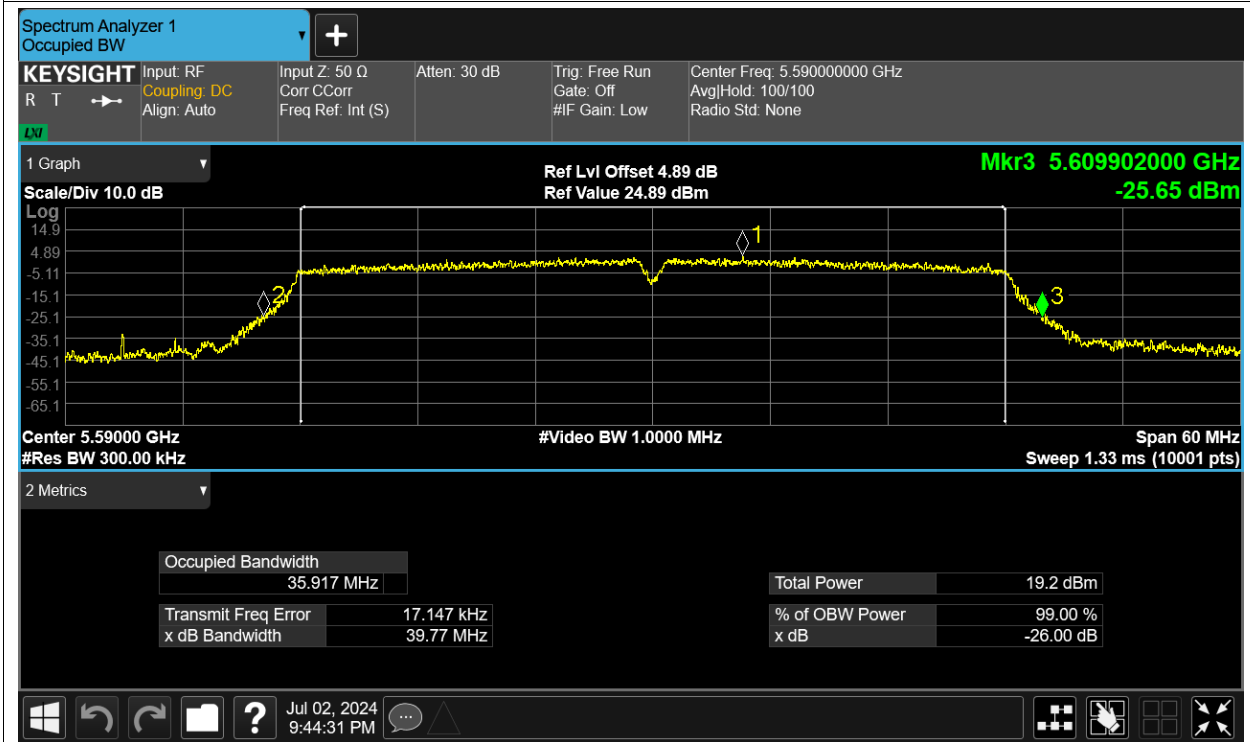
-26dB Bandwidth NVNT n20 5700MHz ANT2



-26dB Bandwidth NVNT n40 5510MHz ANT2



-26dB Bandwidth NVNT n40 5590MHz ANT2



-26dB Bandwidth NVNT n40 5670MHz ANT2

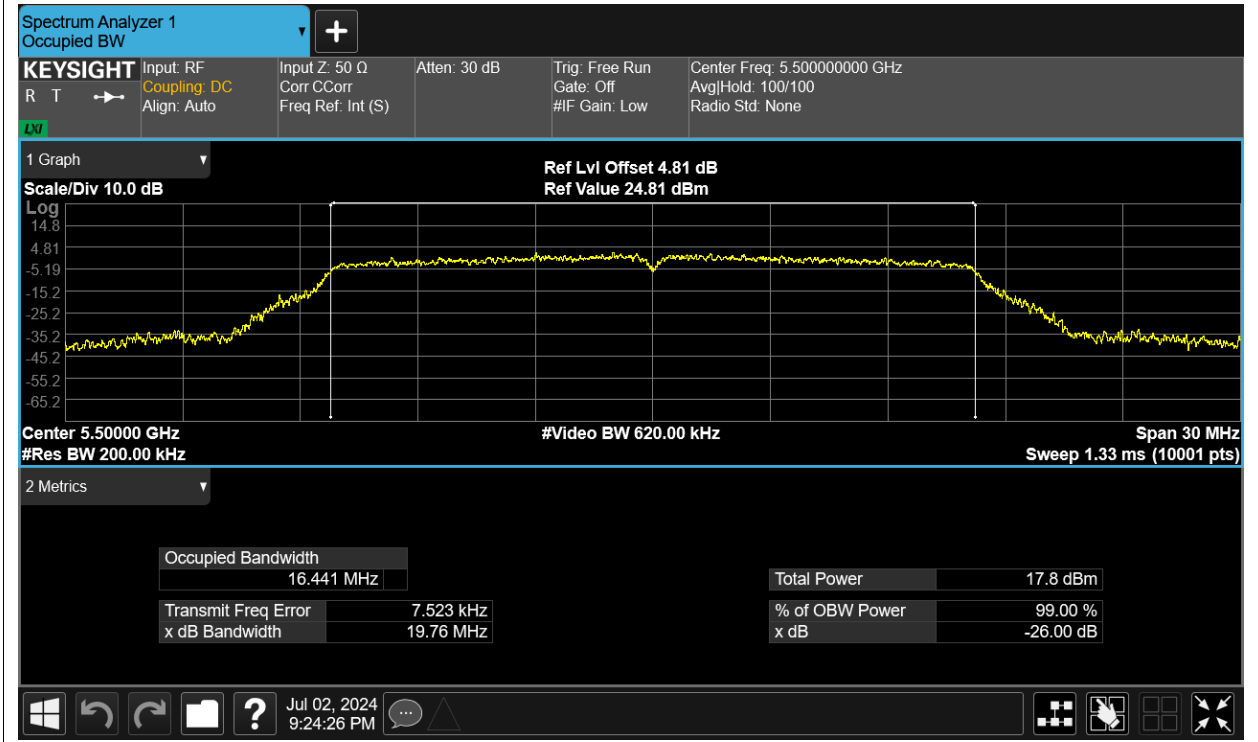


Occupied Channel Bandwidth

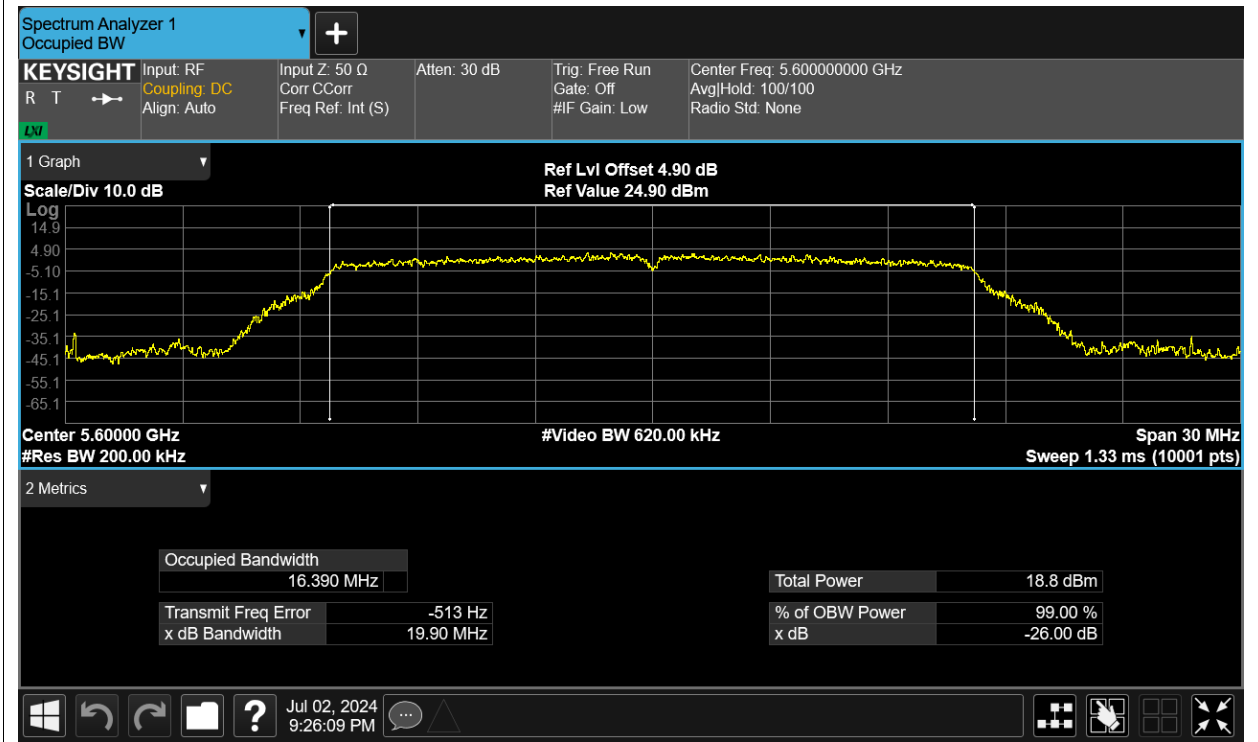
Condition	Mode	Frequency (MHz)	Antenna	99% OBW (MHz)
NVNT	a	5500	ANT2	16.441
NVNT	a	5600	ANT2	16.39
NVNT	a	5700	ANT2	16.37
NVNT	ac20	5500	ANT2	17.548
NVNT	ac20	5600	ANT2	17.543
NVNT	ac20	5700	ANT2	17.561
NVNT	ac40	5510	ANT2	35.952
NVNT	ac40	5590	ANT2	35.961
NVNT	ac40	5670	ANT2	35.96
NVNT	ac80	5530	ANT2	75.044
NVNT	ac80	5610	ANT2	75.12
NVNT	n20	5500	ANT2	17.561
NVNT	n20	5600	ANT2	17.531
NVNT	n20	5700	ANT2	17.557
NVNT	n40	5510	ANT2	35.908
NVNT	n40	5590	ANT2	35.923
NVNT	n40	5670	ANT2	35.959

Test Graphs

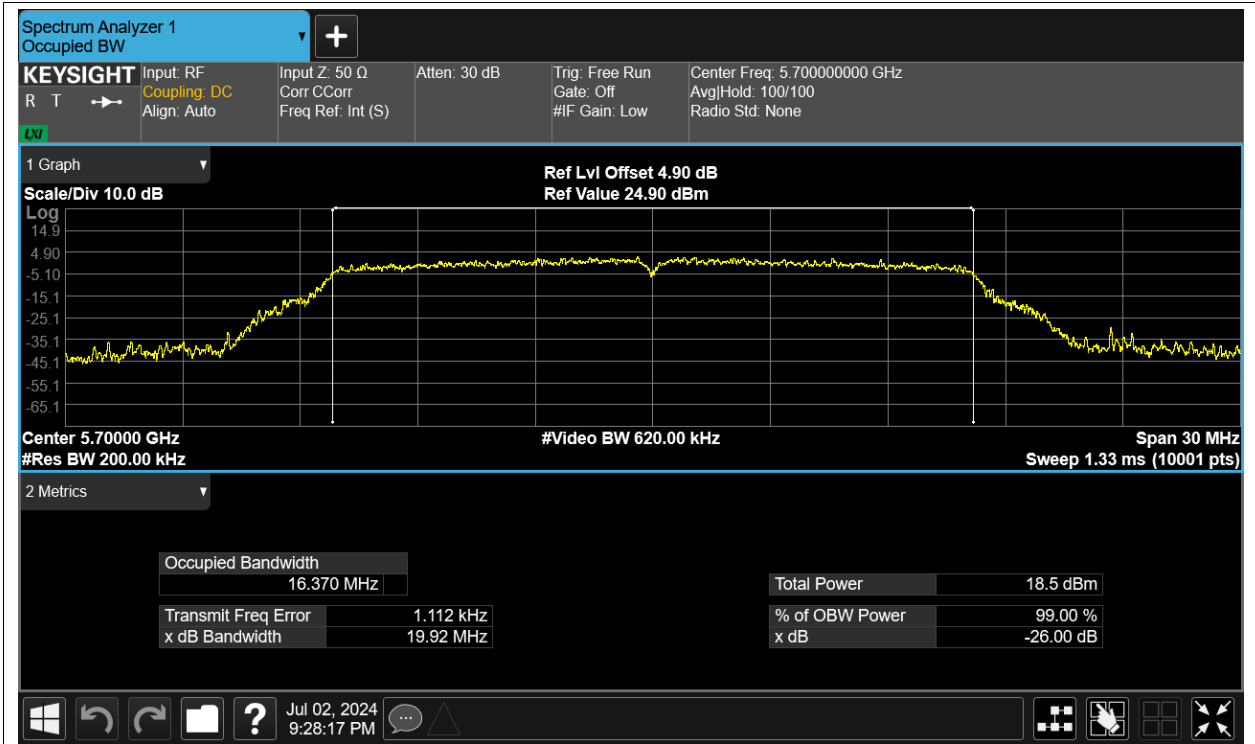
OBW NVNT a 5500MHz ANT2



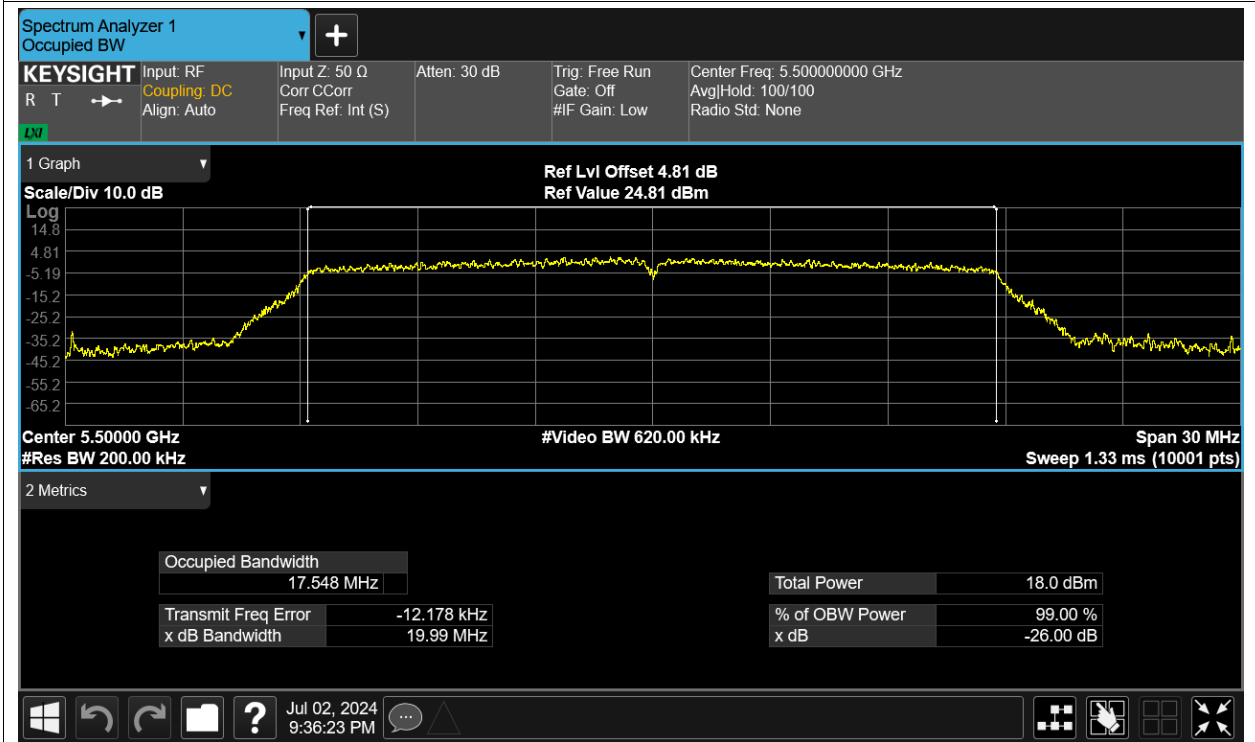
OBW NVNT a 5600MHz ANT2



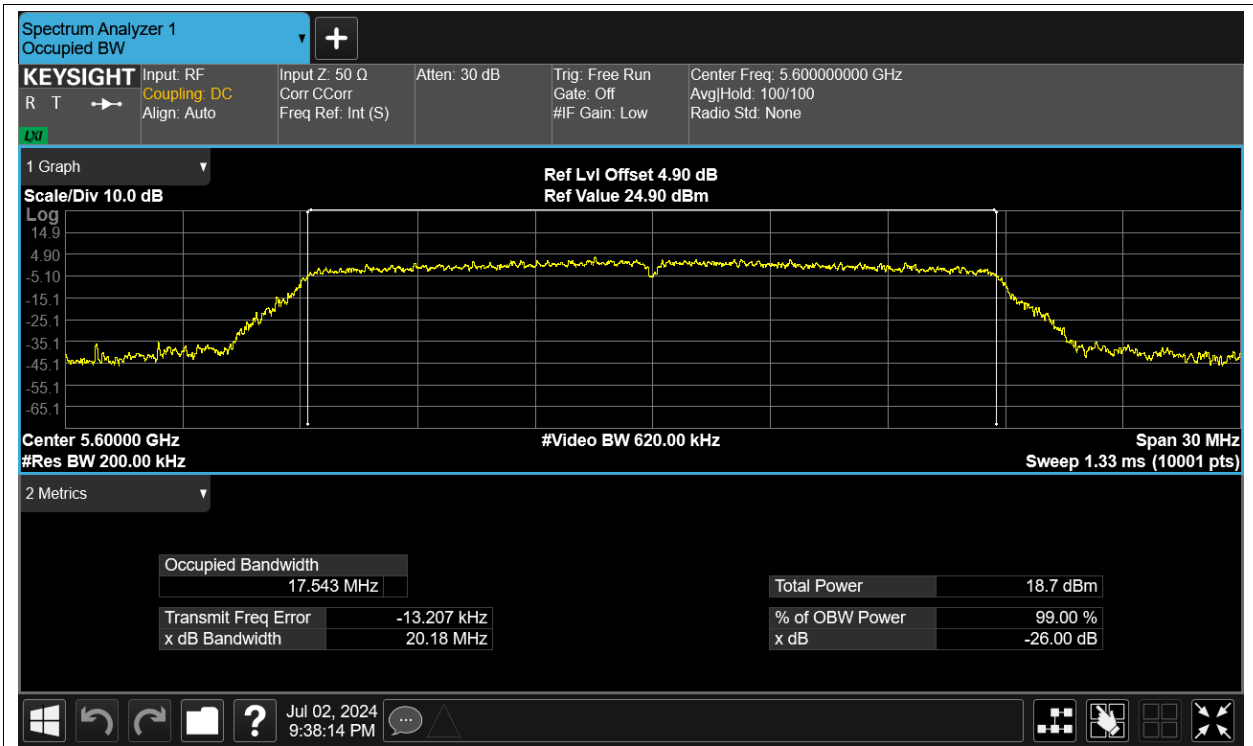
OBW NVNT a 5700MHz ANT2



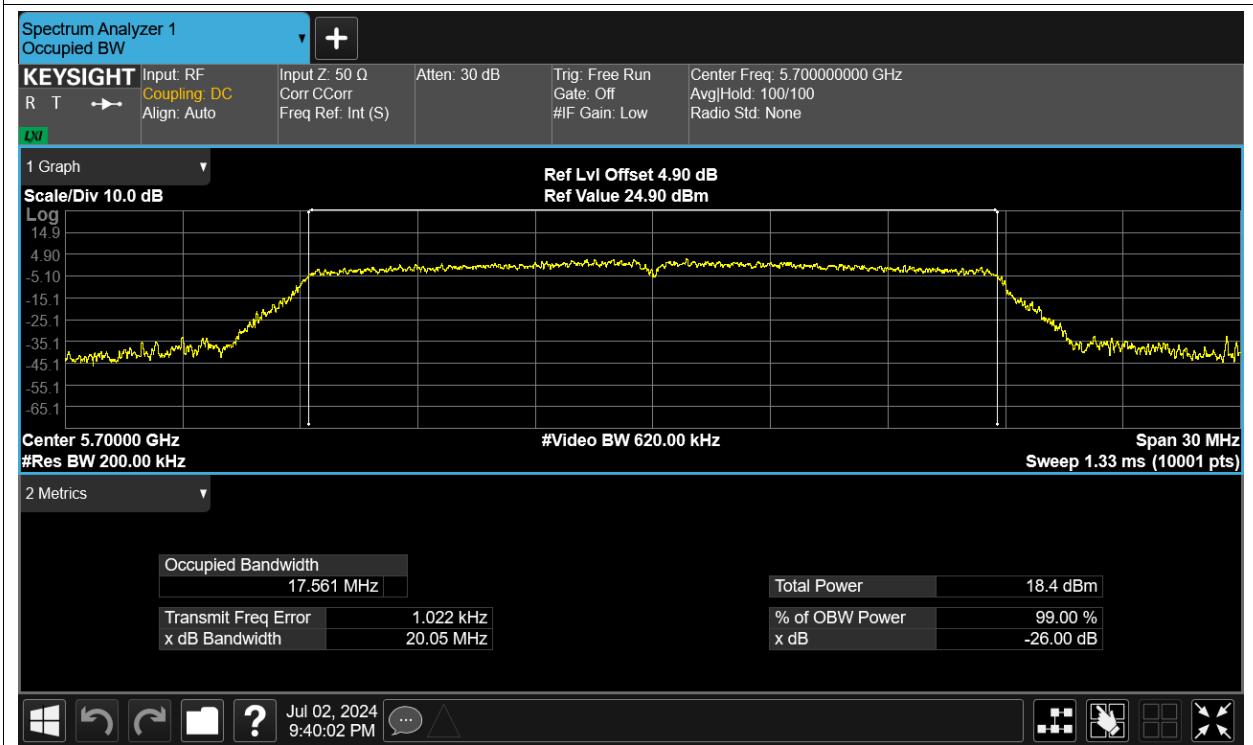
OBW NVNT ac20 5500MHz ANT2



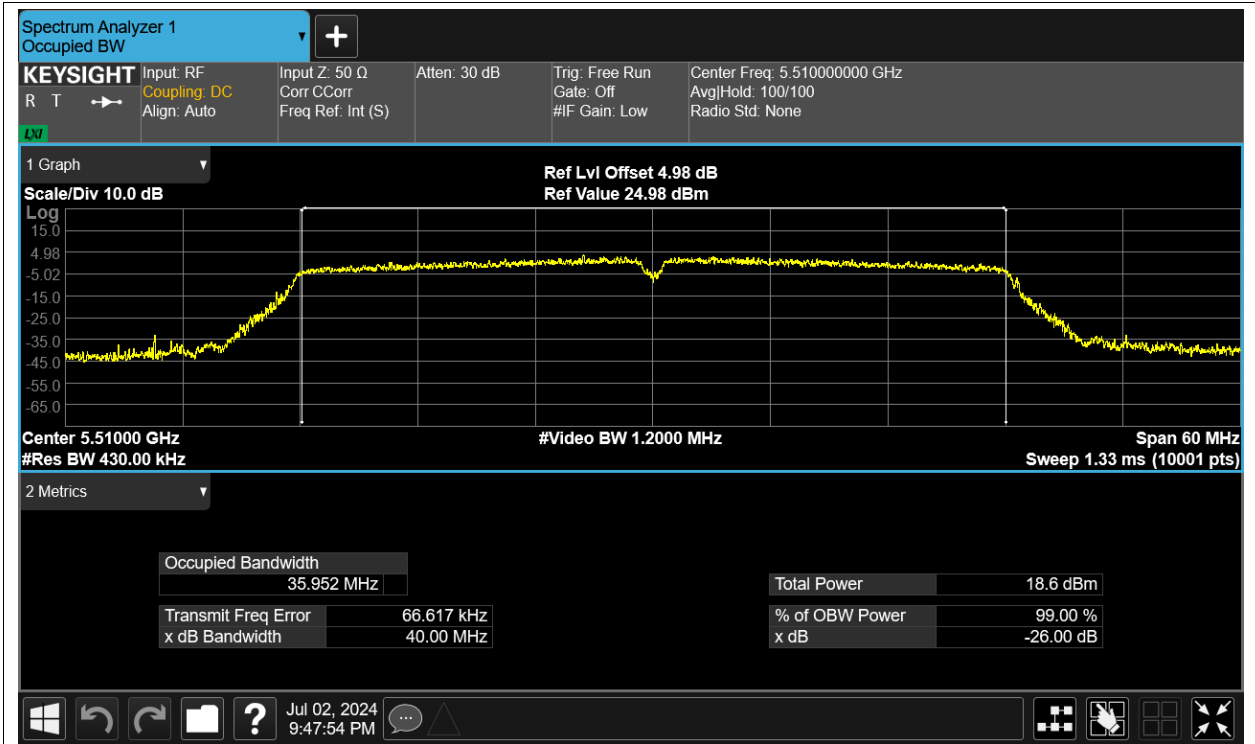
OBW NVNT ac20 5600MHz ANT2



OBW NVNT ac20 5700MHz ANT2



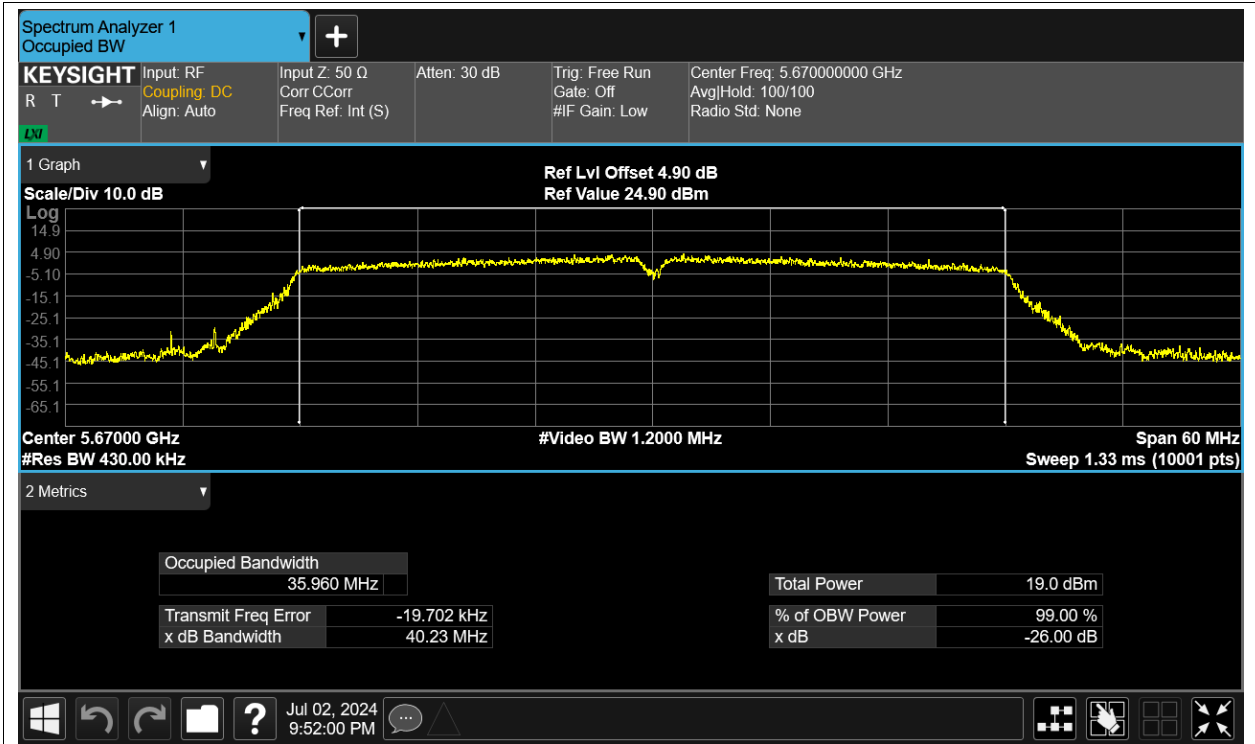
OBW NVNT ac40 5510MHz ANT2



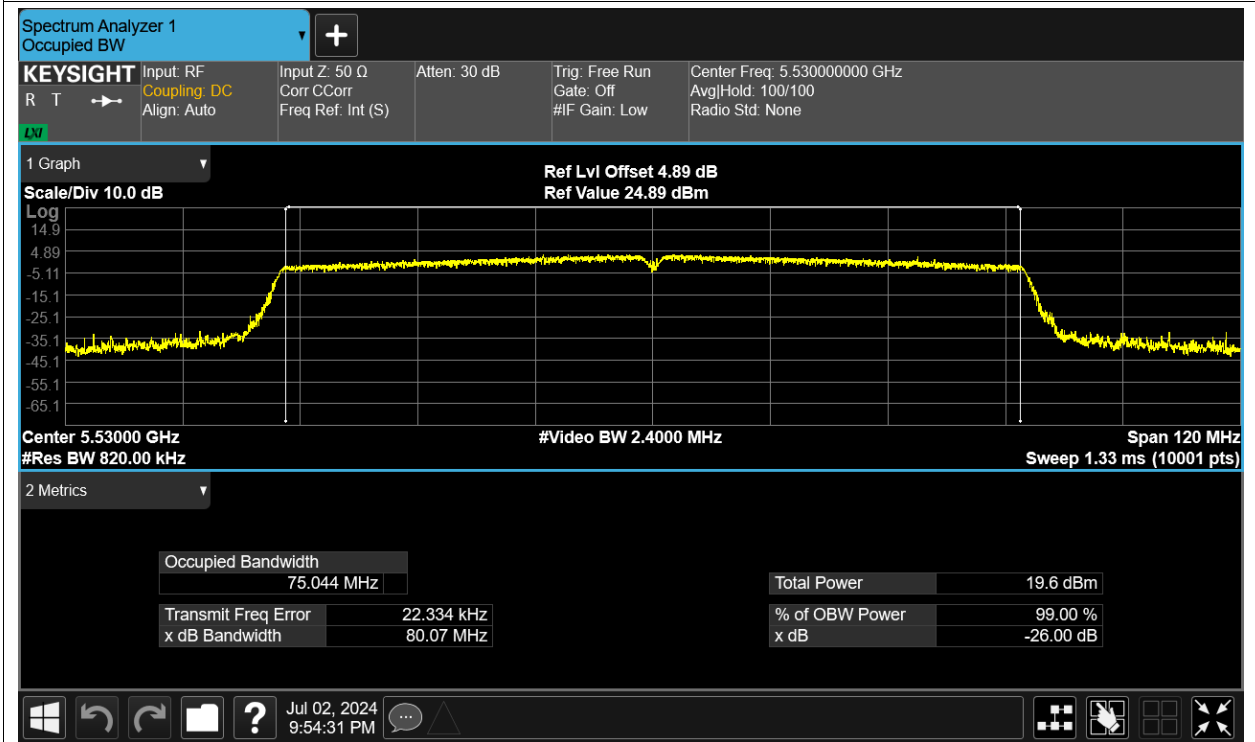
OBW NVNT ac40 5590MHz ANT2



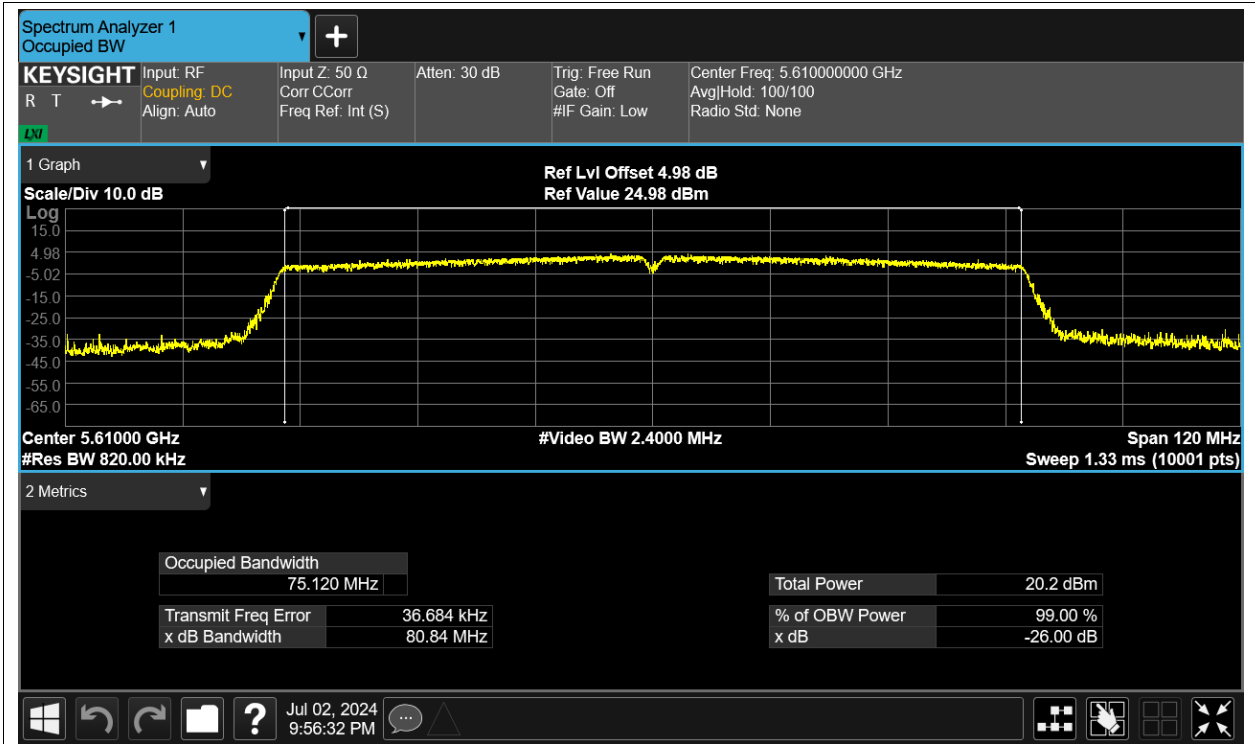
OBW NVNT ac40 5670MHz ANT2



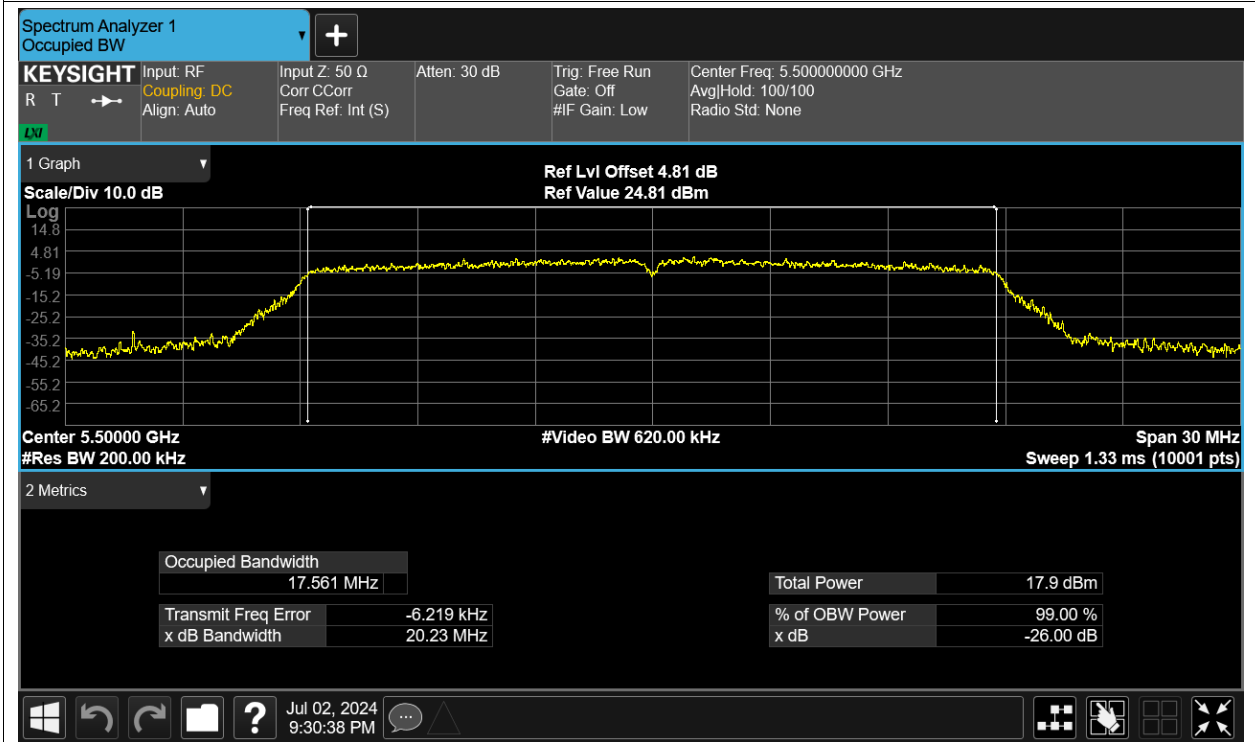
OBW NVNT ac80 5530MHz ANT2



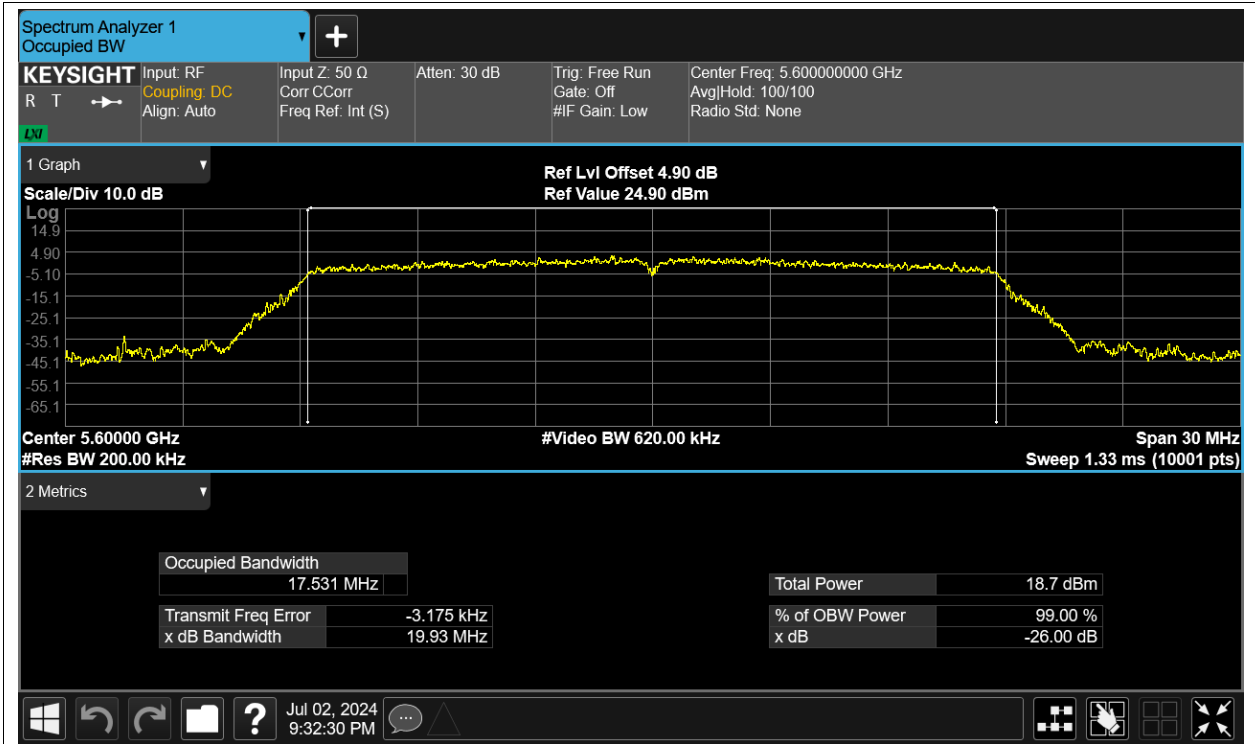
OBW NVNT ac80 5610MHz ANT2



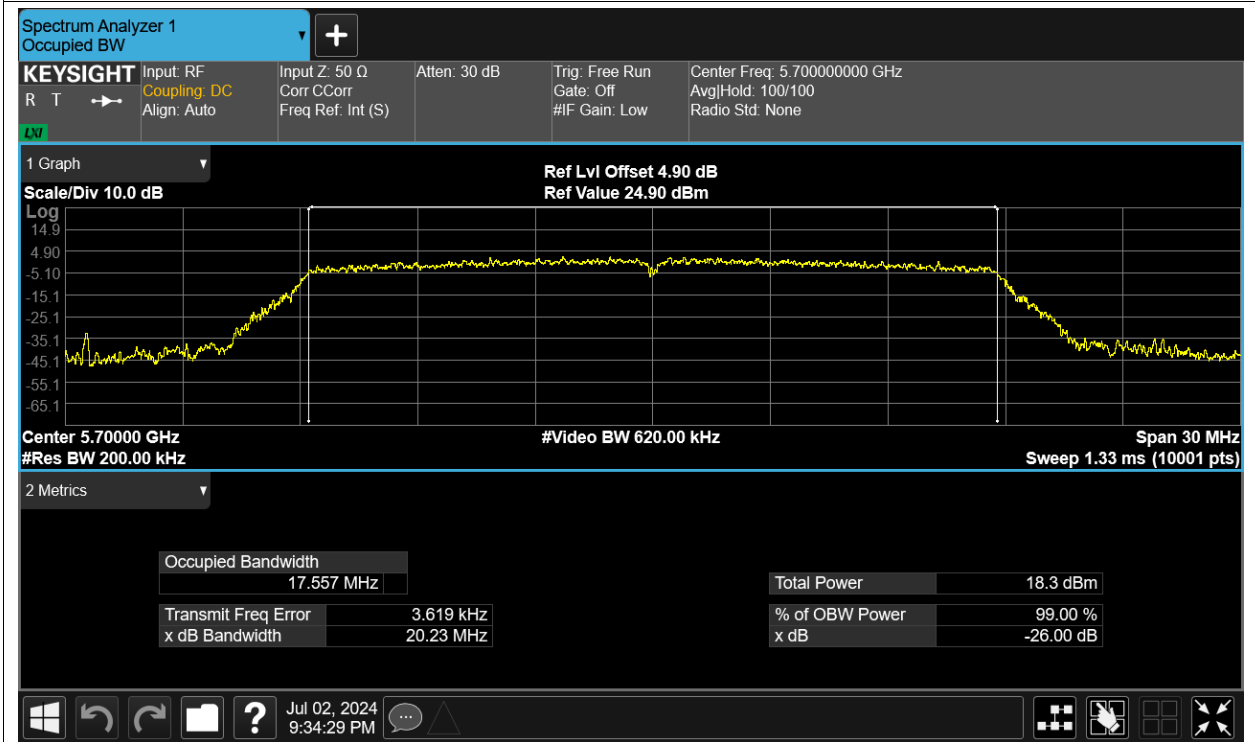
OBW NVNT n20 5500MHz ANT2



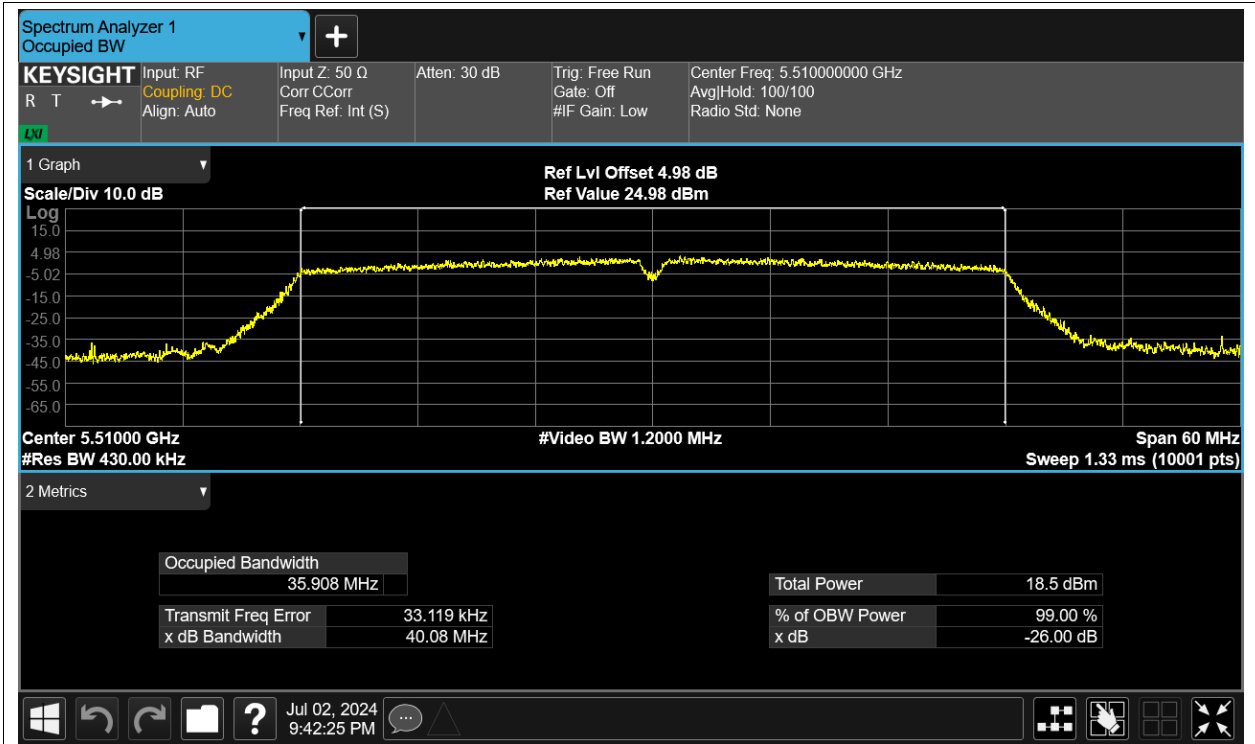
OBW NVNT n20 5600MHz ANT2



OBW NVNT n20 5700MHz ANT2



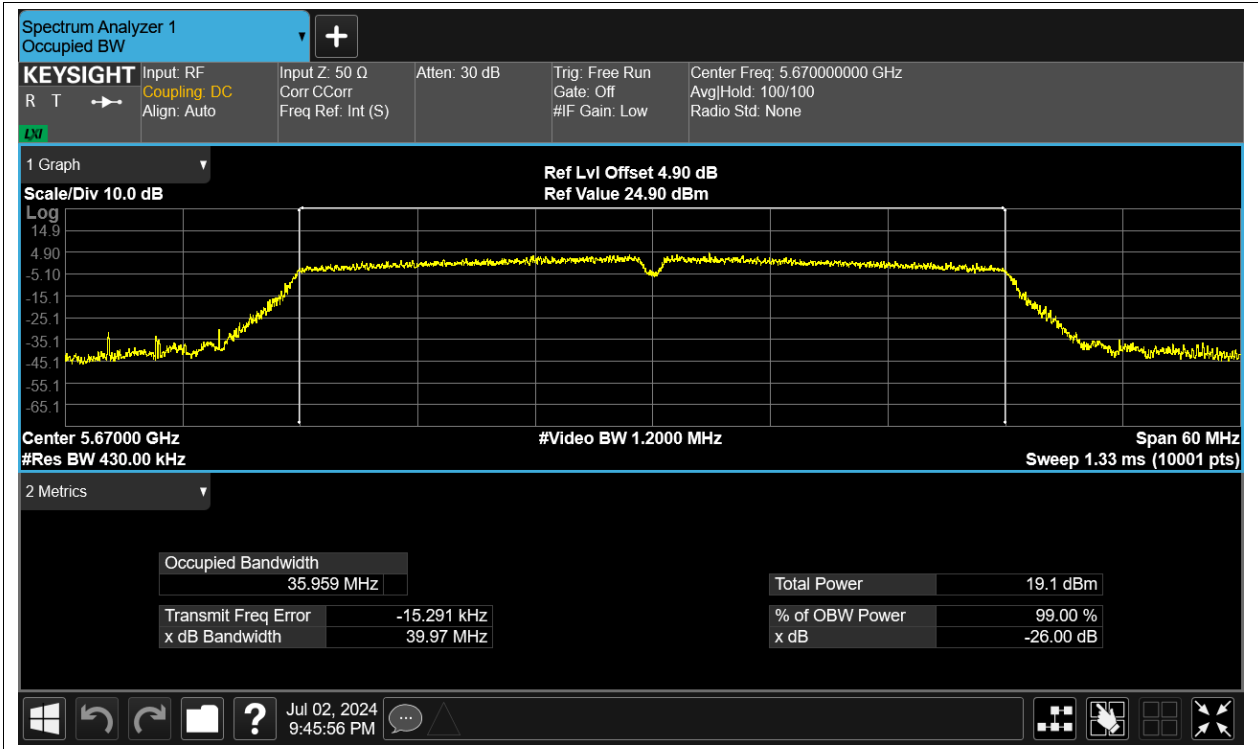
OBW NVNT n40 5510MHz ANT2



OBW NVNT n40 5590MHz ANT2



OBW NVNT n40 5670MHz ANT2

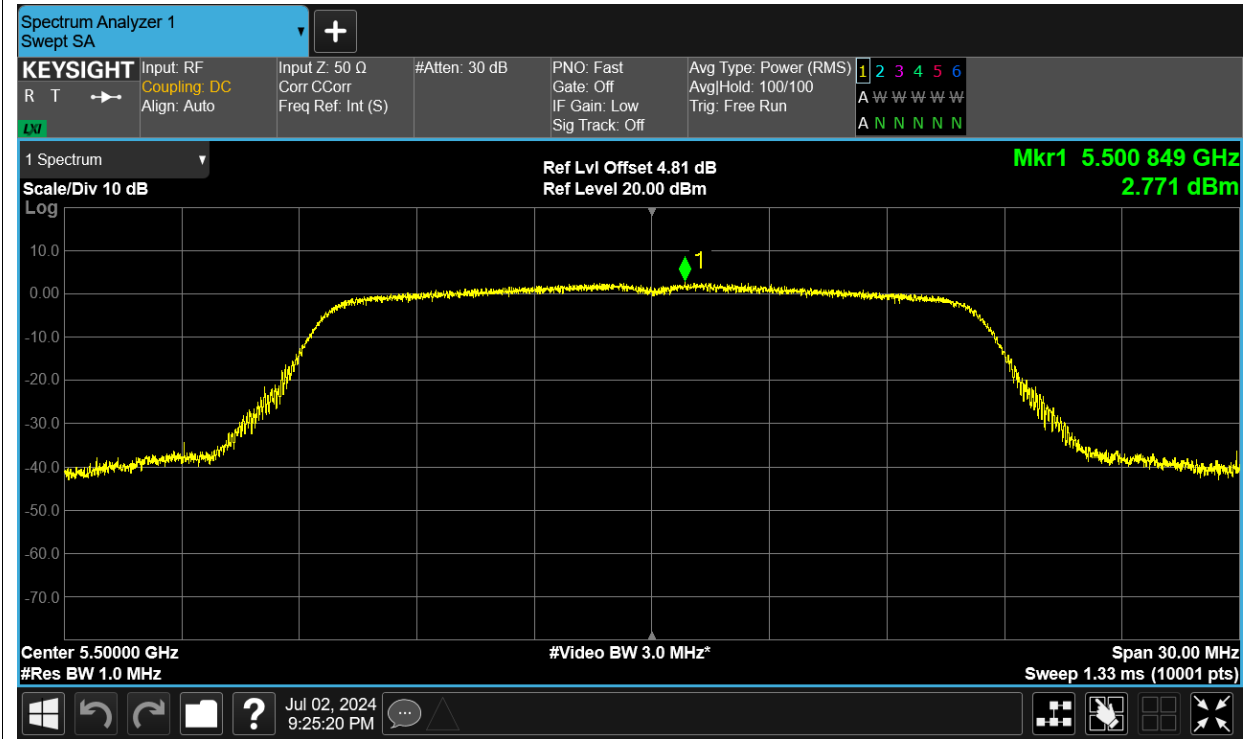


Maximum Power Spectral Density Level

Condition	Mode	Frequency (MHz)	Antenna	Max PSD (dBm)	Limit (dBm)	Verdict
NVNT	a	5500	ANT2	2.771	11	Pass
NVNT	a	5600	ANT2	3.851	11	Pass
NVNT	a	5700	ANT2	3.33	11	Pass
NVNT	ac20	5500	ANT2	2.431	11	Pass
NVNT	ac20	5600	ANT2	3.451	11	Pass
NVNT	ac20	5700	ANT2	3.073	11	Pass
NVNT	ac40	5510	ANT2	0.447	11	Pass
NVNT	ac40	5590	ANT2	0.892	11	Pass
NVNT	ac40	5670	ANT2	1.094	11	Pass
NVNT	ac80	5530	ANT2	-2.538	11	Pass
NVNT	ac80	5610	ANT2	-1.786	11	Pass
NVNT	n20	5500	ANT2	2.578	11	Pass
NVNT	n20	5600	ANT2	3.403	11	Pass
NVNT	n20	5700	ANT2	3.144	11	Pass
NVNT	n40	5510	ANT2	0.421	11	Pass
NVNT	n40	5590	ANT2	0.843	11	Pass
NVNT	n40	5670	ANT2	0.321	11	Pass

Test Graphs

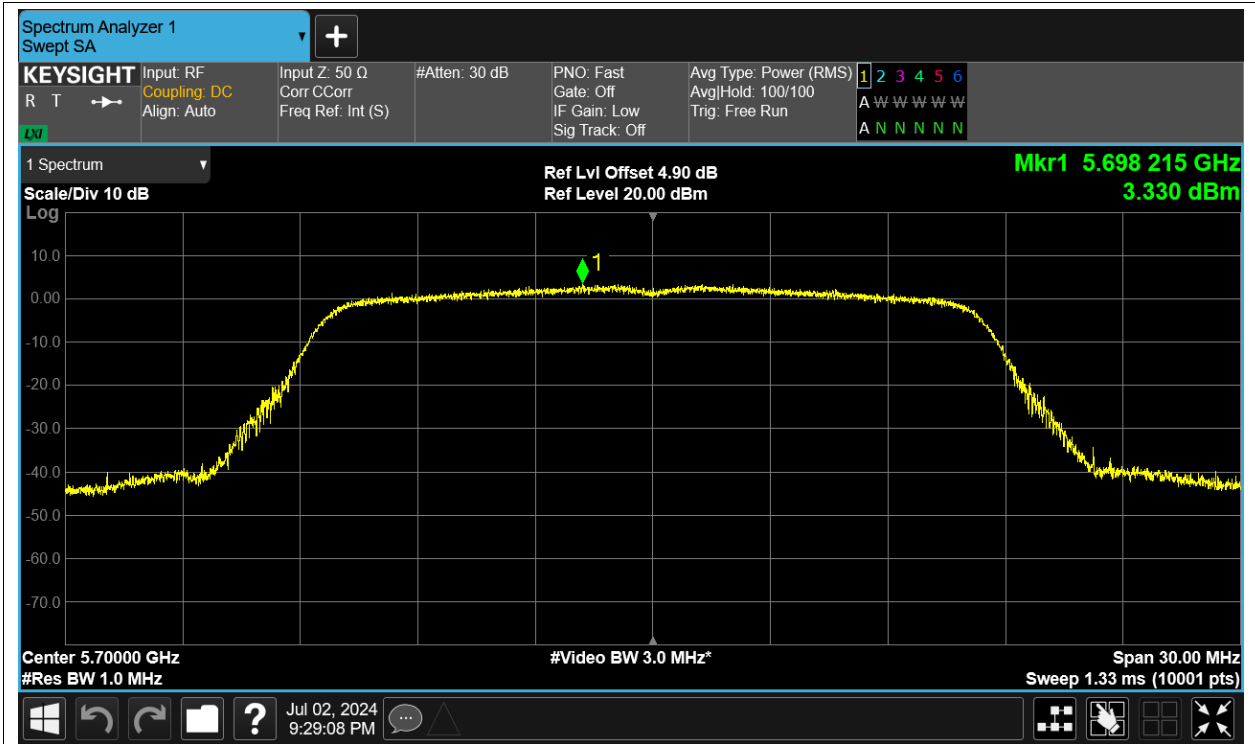
PSD NVNT a 5500MHz ANT2



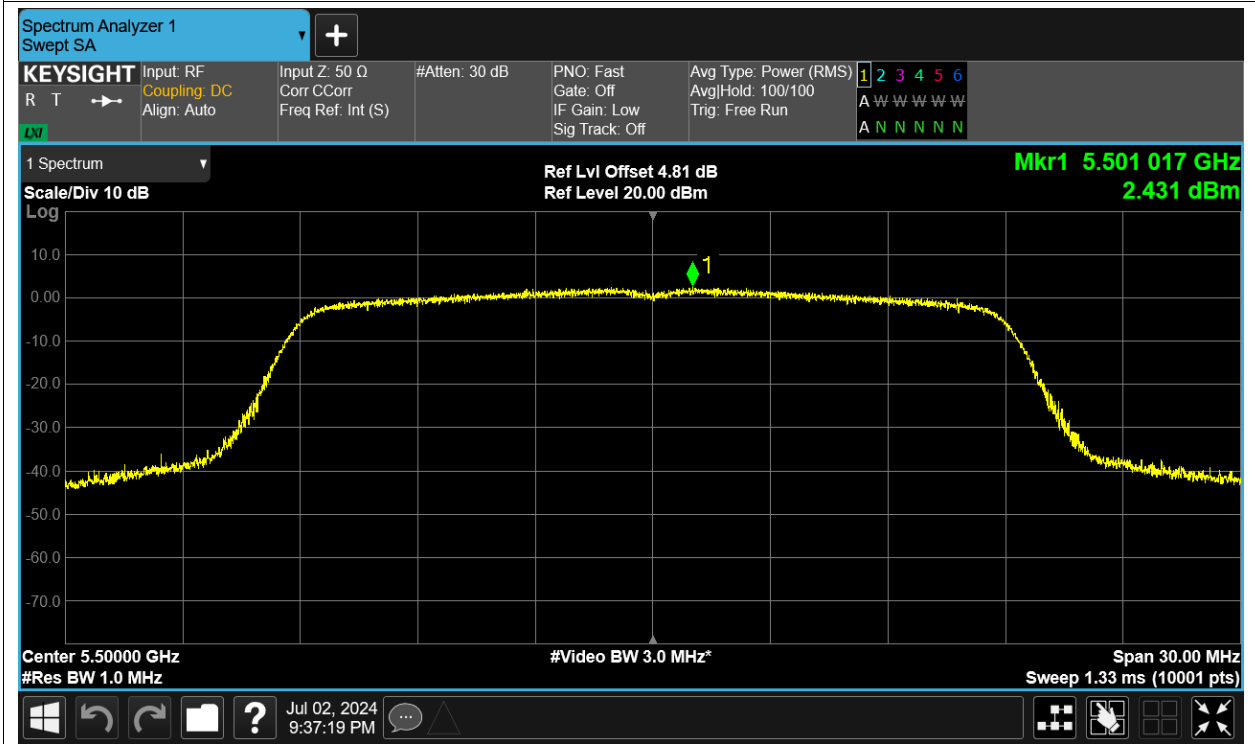
PSD NVNT a 5600MHz ANT2



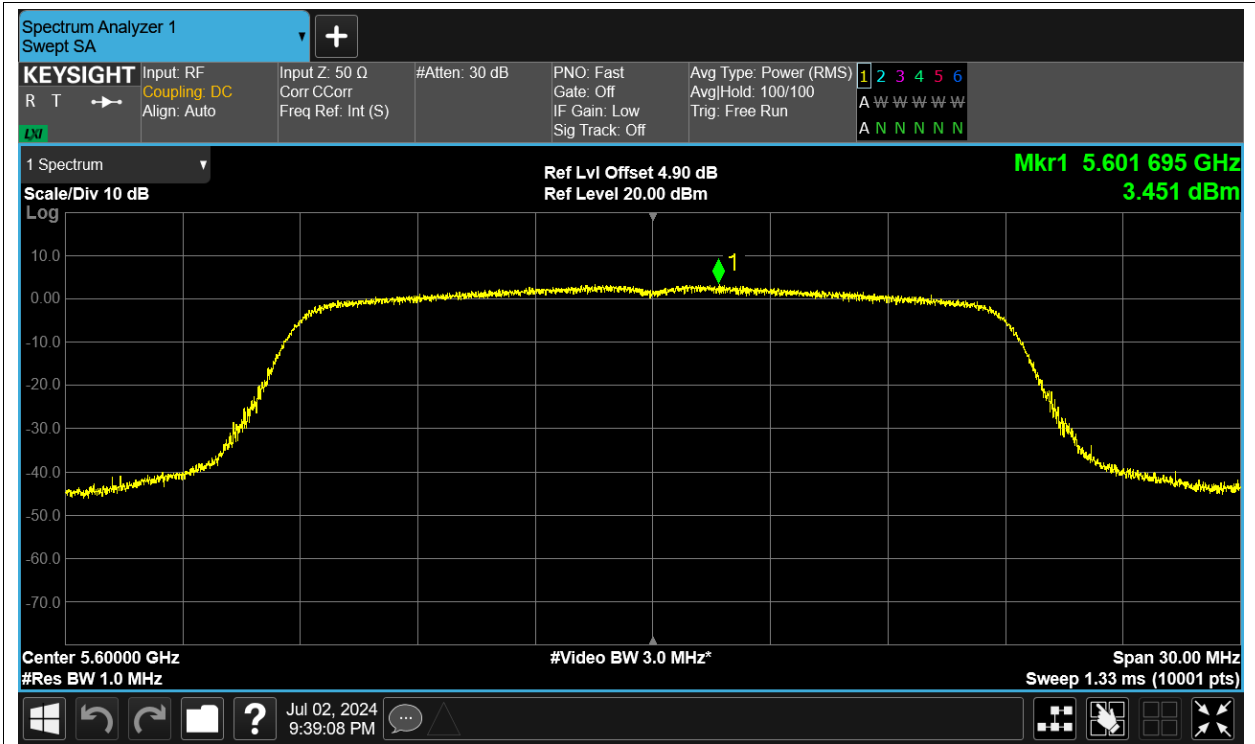
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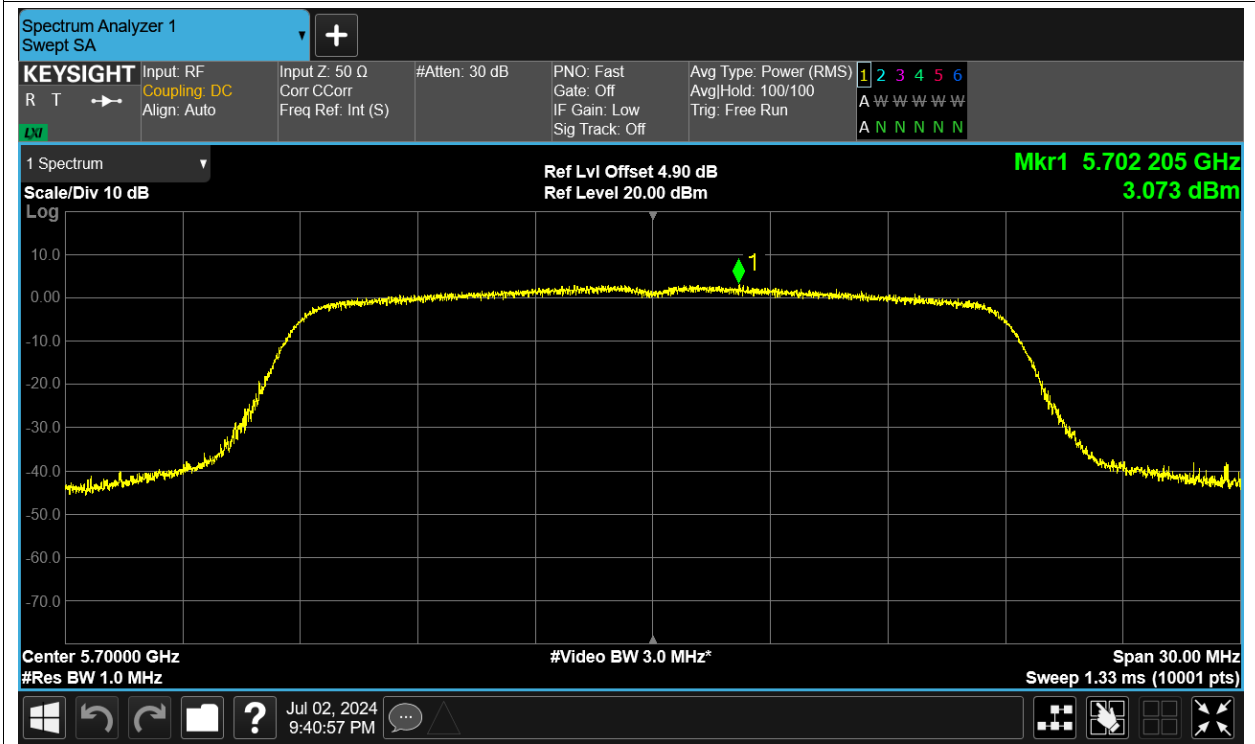
PSD NVNT ac20 5500MHz ANT2



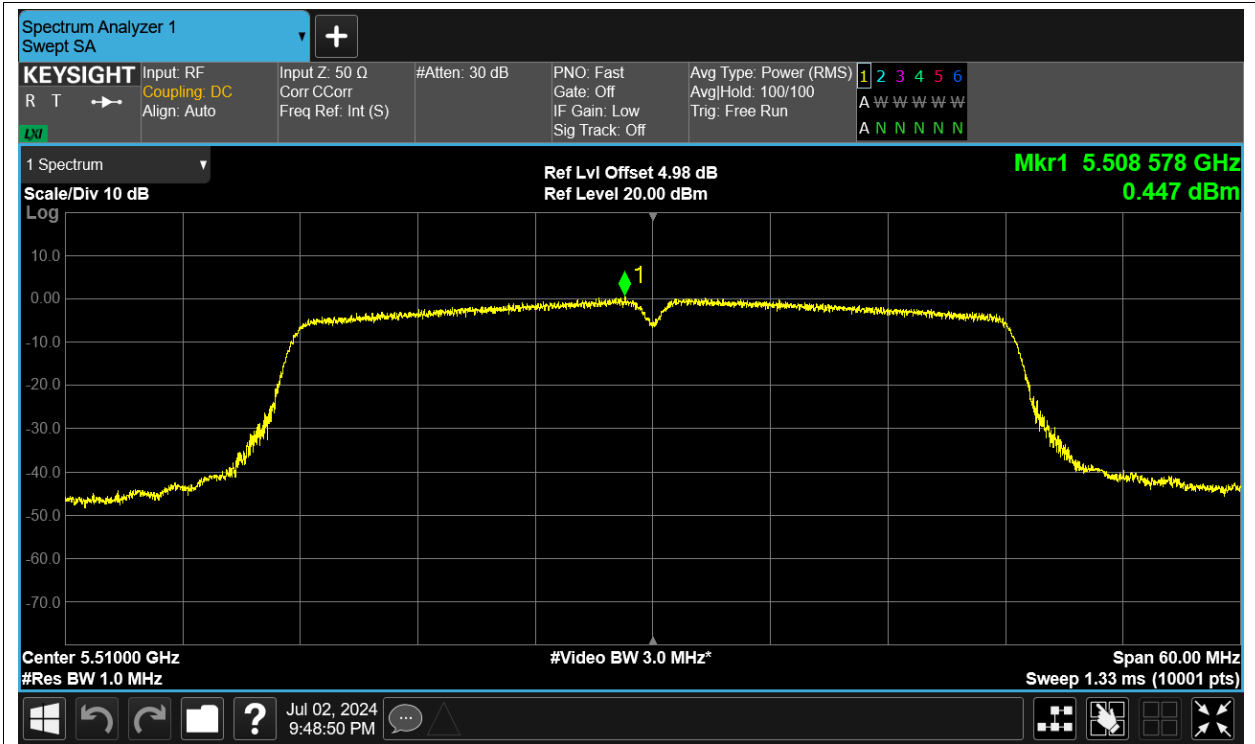
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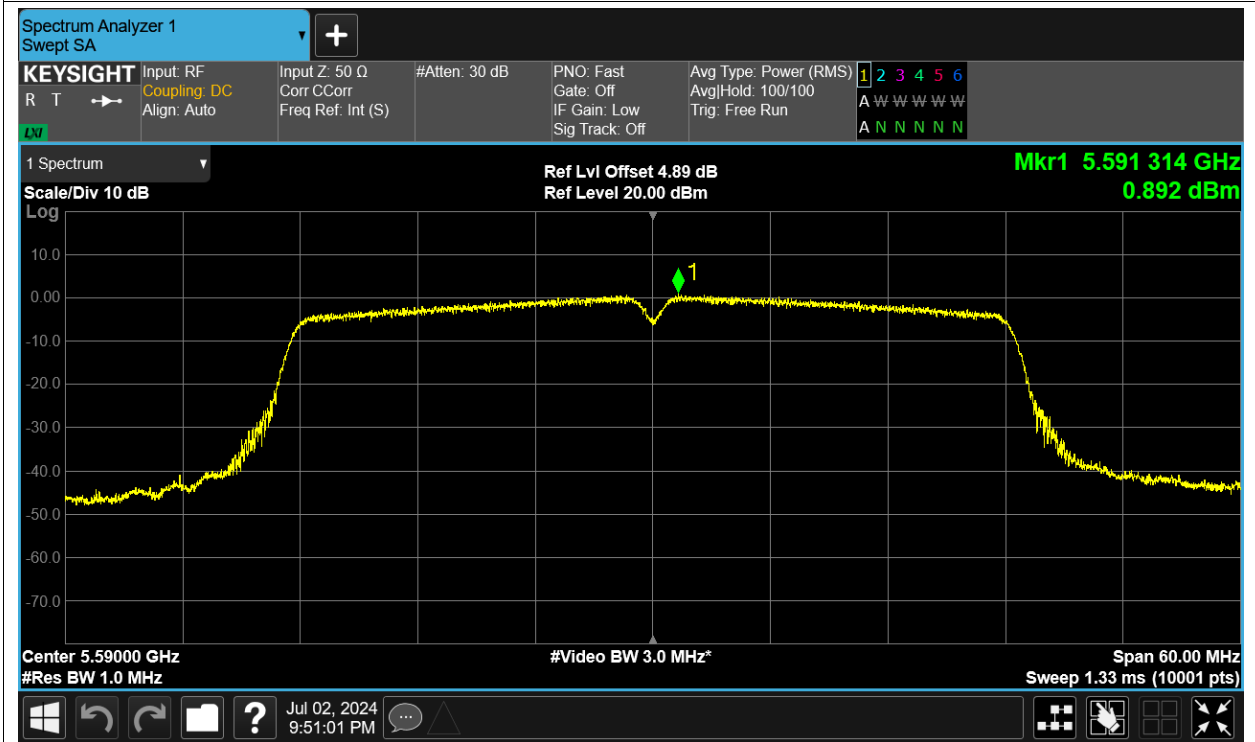
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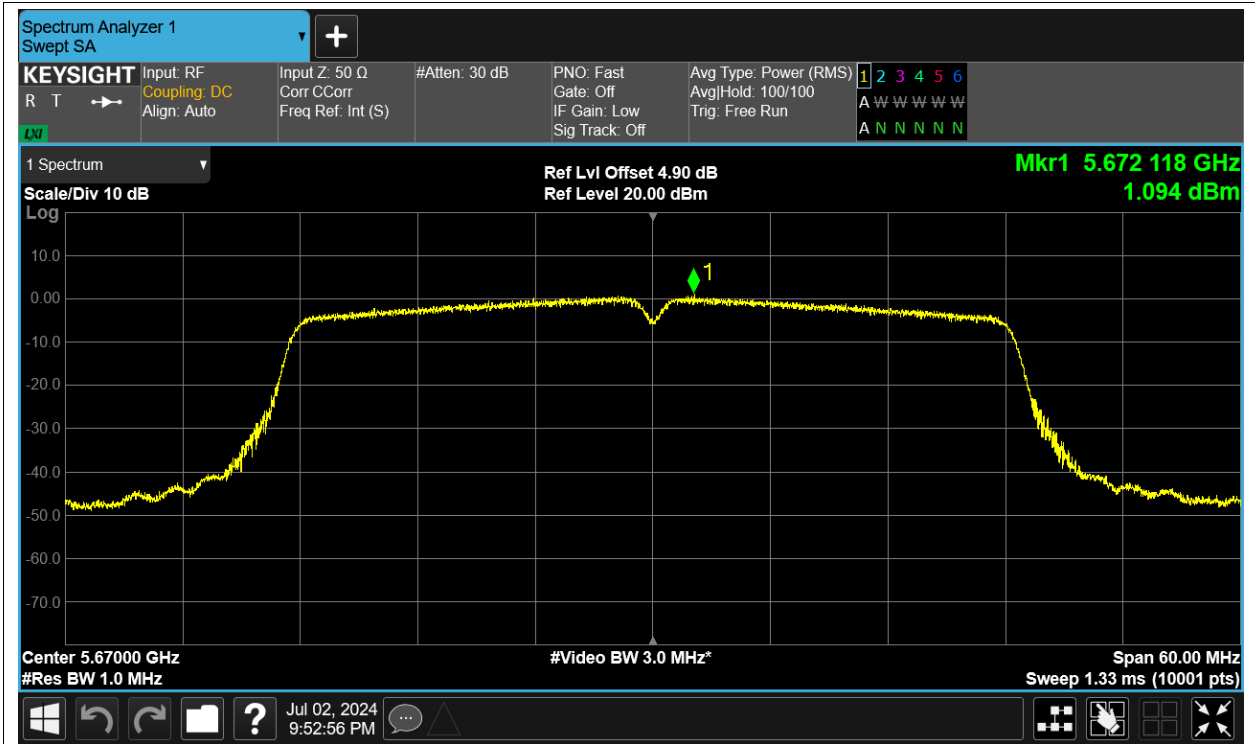
PSD NVNT ac40 5510MHz ANT2



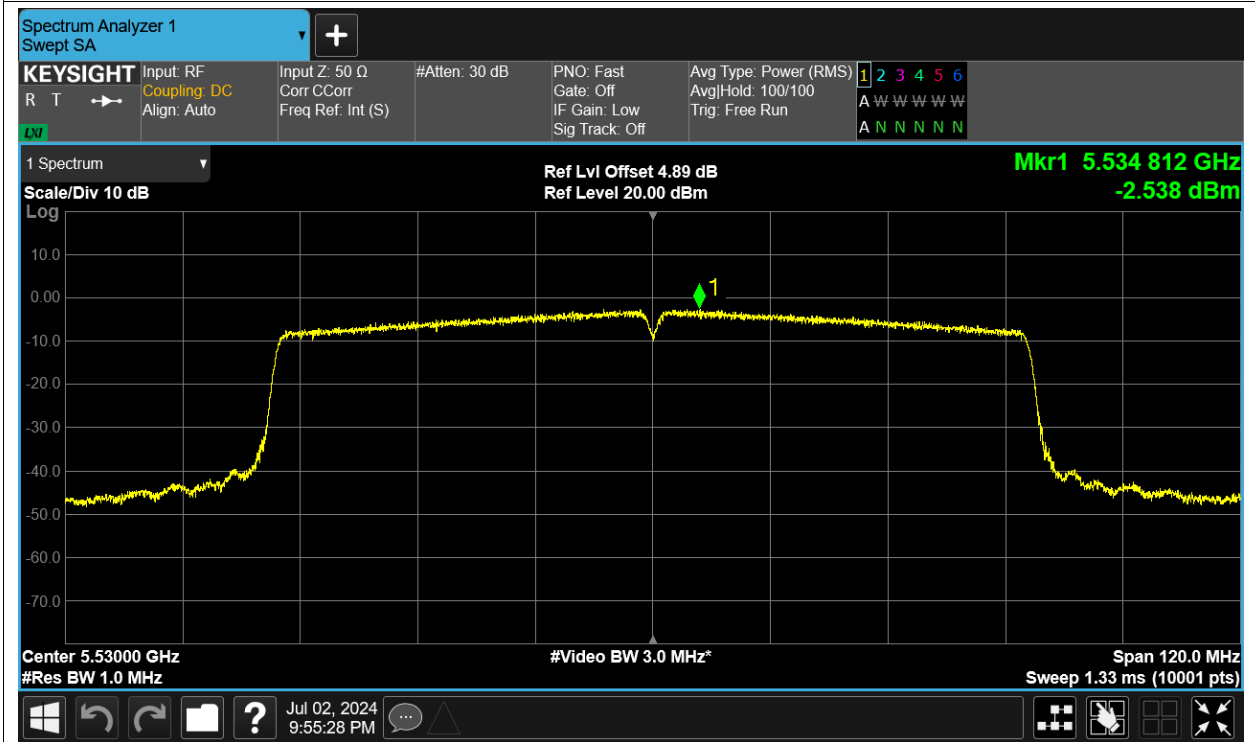
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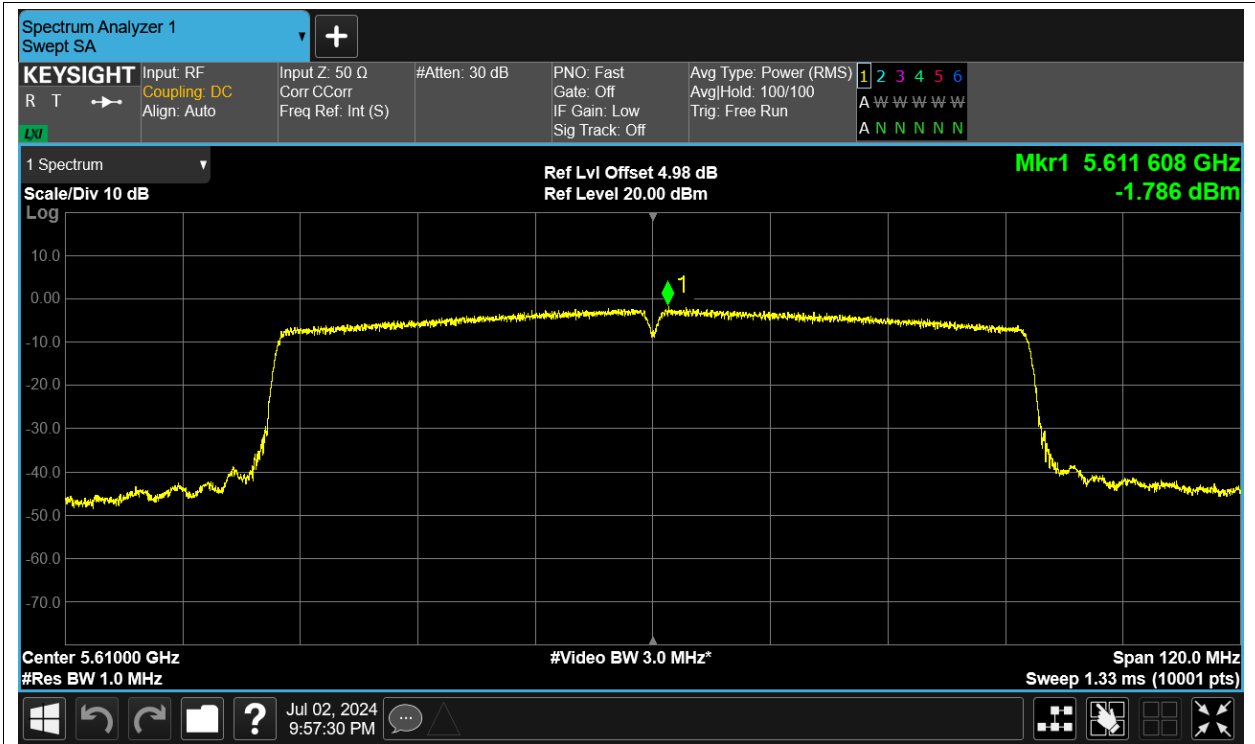
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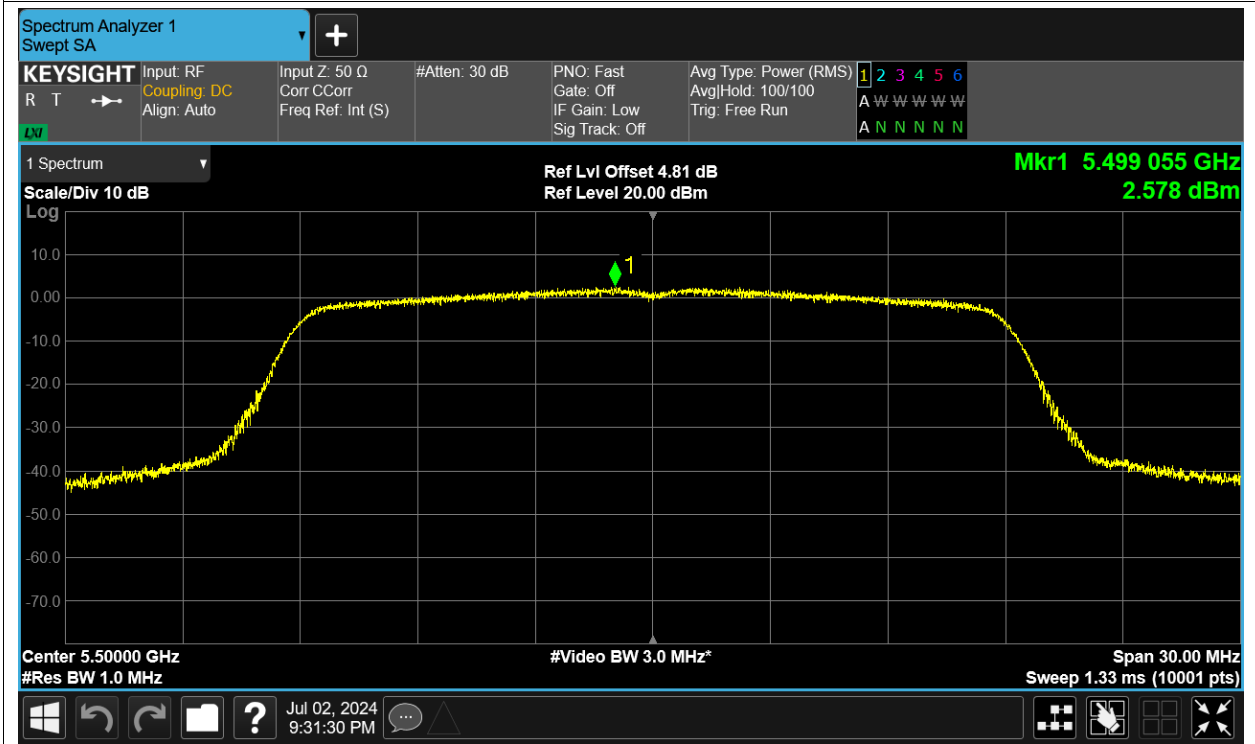
PSD NVNT ac80 5530MHz ANT2



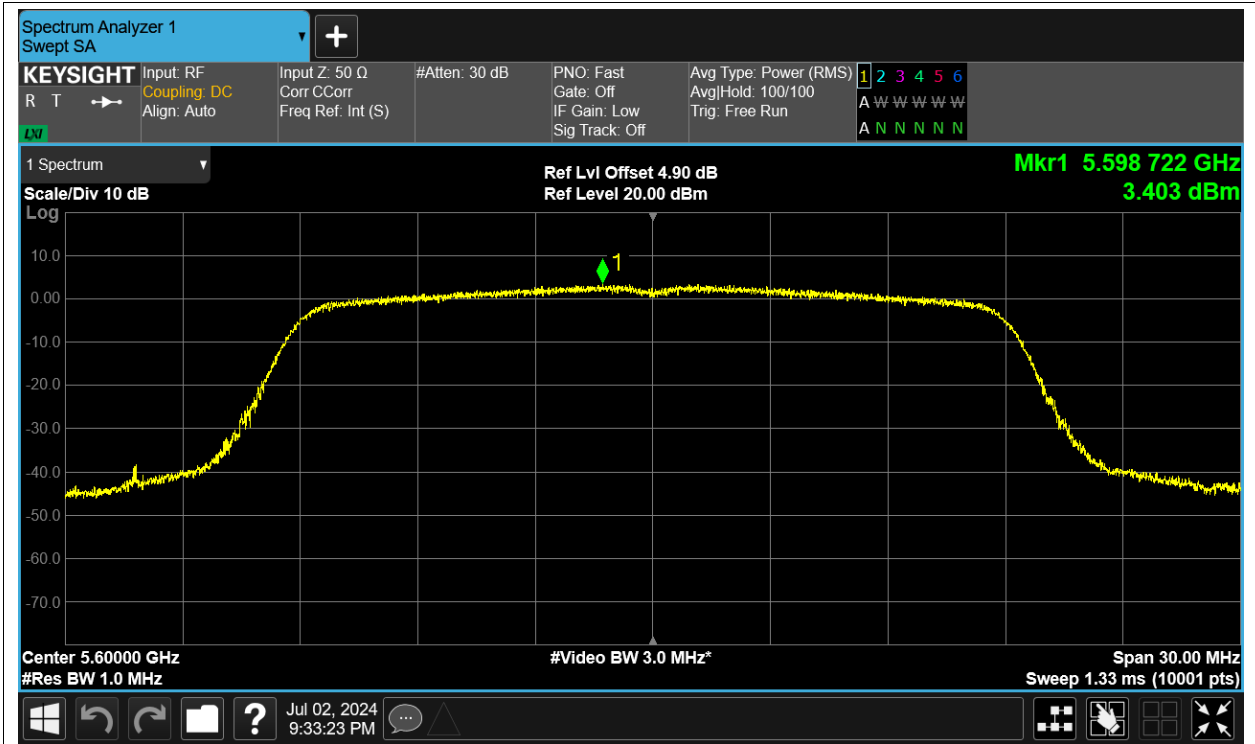
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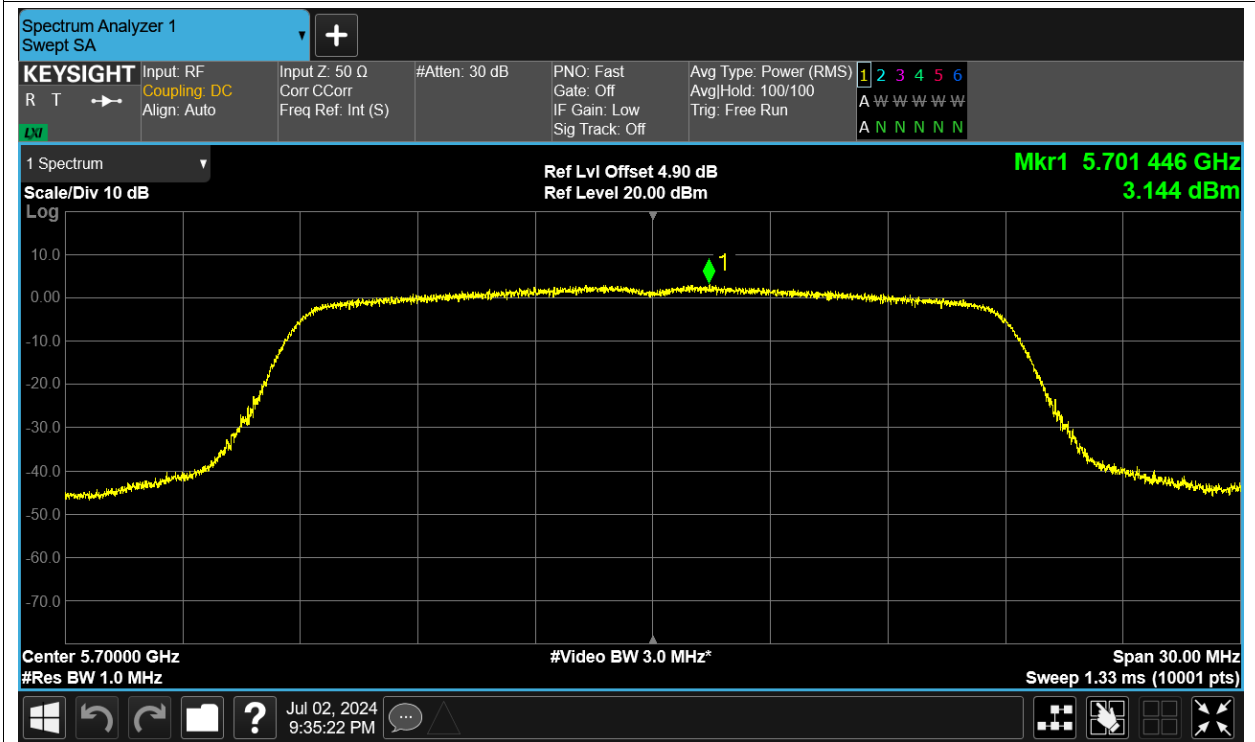
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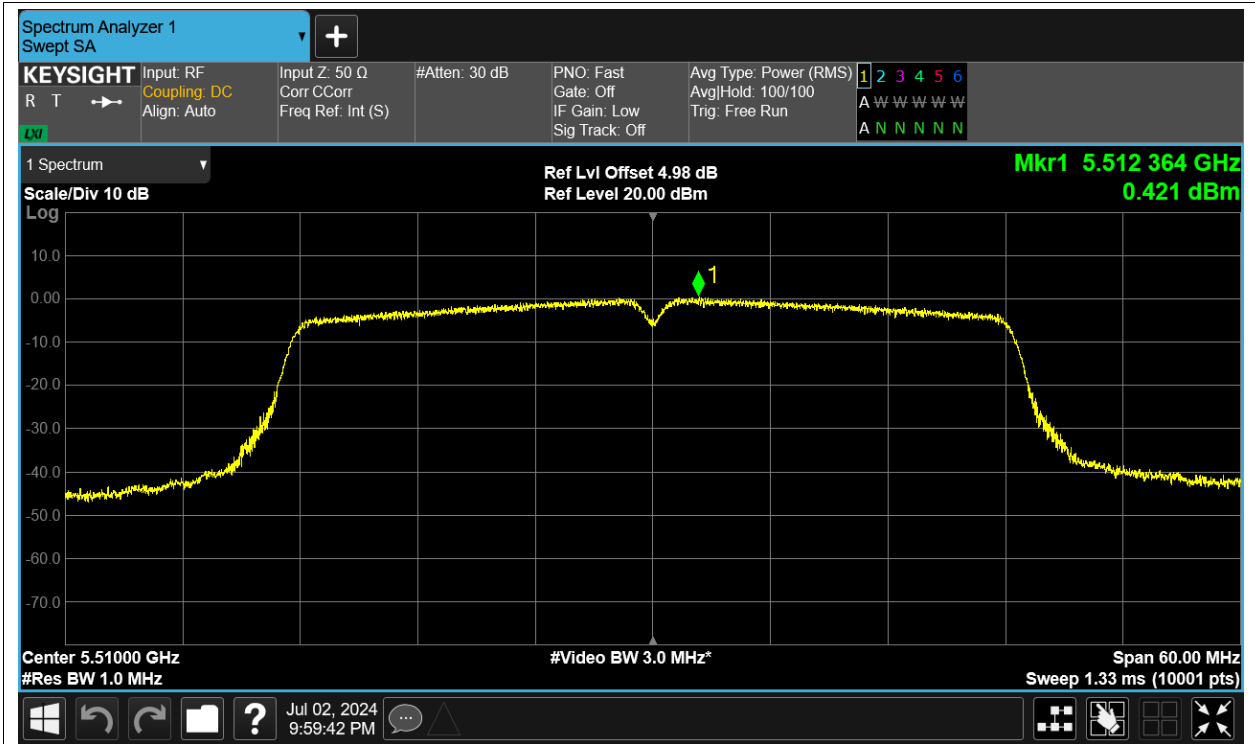
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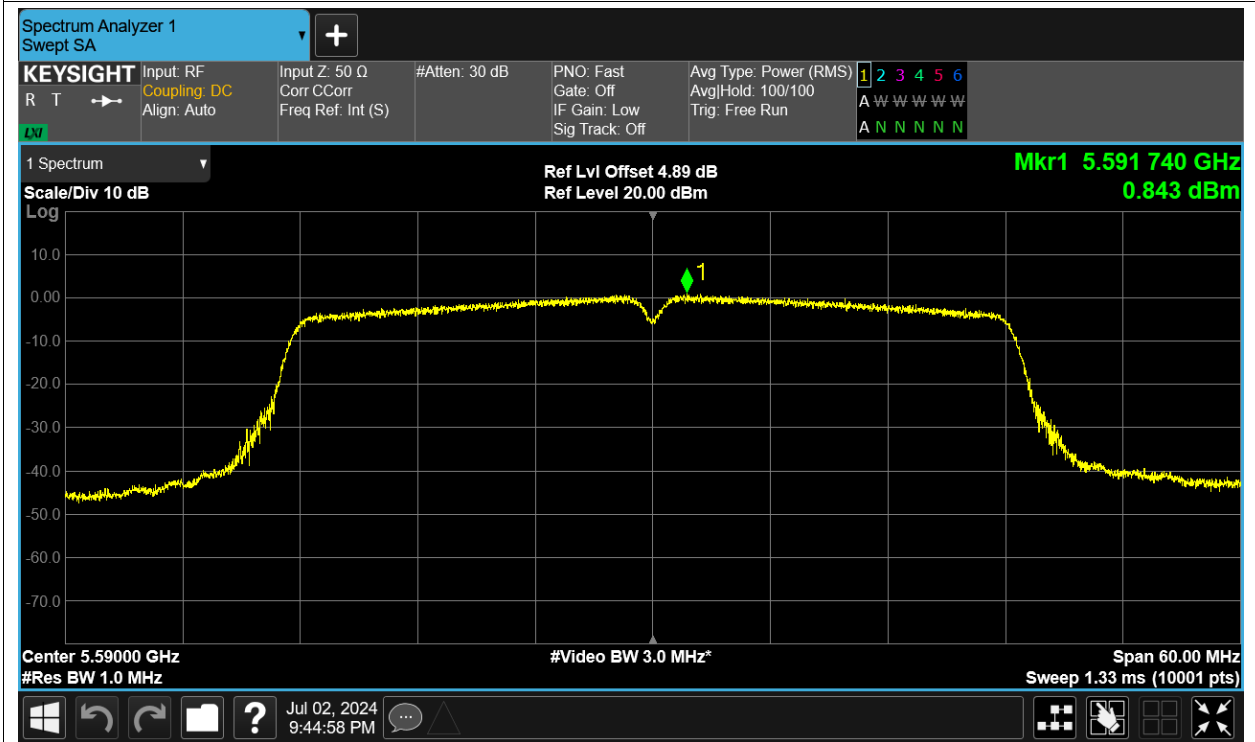
PSD NVNT n20 5700MHz ANT2



PSD NVNT n40 5510MHz ANT2



PSD NVNT n40 5590MHz ANT2



PSD NVNT n40 5670MHz ANT2

