

Test Data

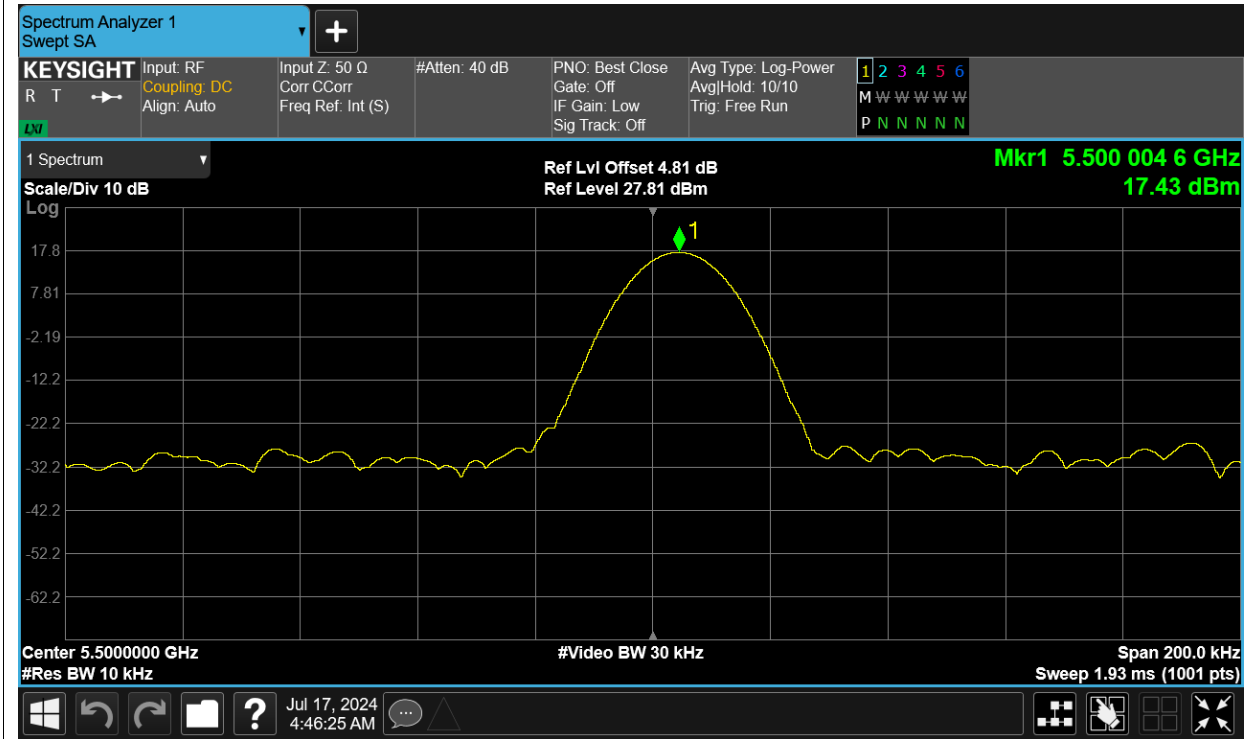
Frequency Stability

Condition	Mode	Frequency (MHz)	Antenna	Measured Frequency (MHz)	Deviation (ppm)	Limit (ppm)	Verdict
HVNT	a	5500	Ant1	5500.0046	0.84	Within authorized band	Pass
LVNT	a	5500	Ant1	5500.0046	0.84		Pass
NVHT	a	5500	Ant1	5500.0046	0.84		Pass
NVLT	a	5500	Ant1	5500.0046	0.84		Pass
NVNT	a	5500	Ant1	5500.0048	0.87		Pass
HVNT	ac80	5530	Ant1	5530.0048	0.87		Pass
LVNT	ac80	5530	Ant1	5530.005	0.9		Pass
NVHT	ac80	5530	Ant1	5530.005	0.9		Pass
NVLT	ac80	5530	Ant1	5530.0052	0.94		Pass
NVNT	ac80	5530	Ant1	5530.0054	0.98		Pass
HVNT	n40	5510	Ant1	5510.0044	0.8		Pass
LVNT	n40	5510	Ant1	5510.0046	0.83		Pass
NVHT	n40	5510	Ant1	5510.0046	0.83		Pass
NVLT	n40	5510	Ant1	5510.0046	0.83		Pass
NVNT	n40	5510	Ant1	5510.0048	0.87		Pass

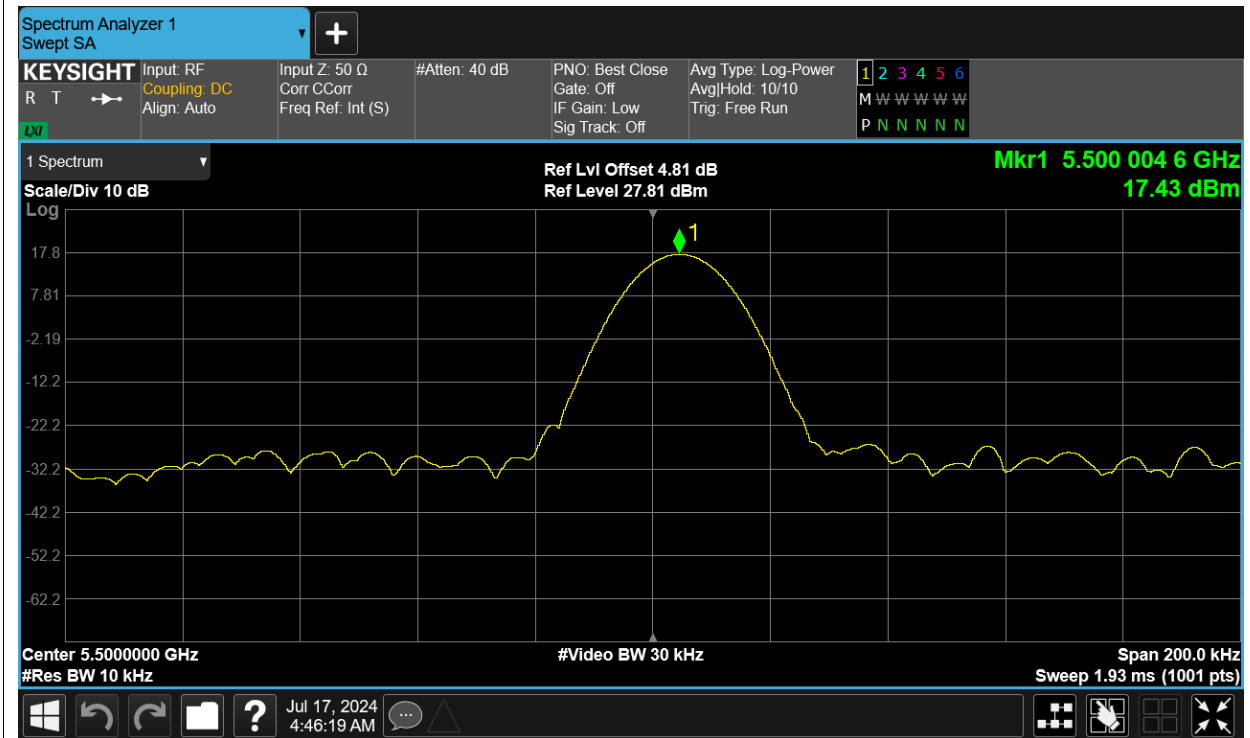
Remark: "NTNV" means Normal Temperature Normal Voltage, "NVHT" means Normal Voltage High Temperature, "NVLT" means Normal Voltage Low Temperature, "LVNT" means Low Voltage Normal Temperature, "HVNT" means High Voltage Normal Temperature.

Test Graphs

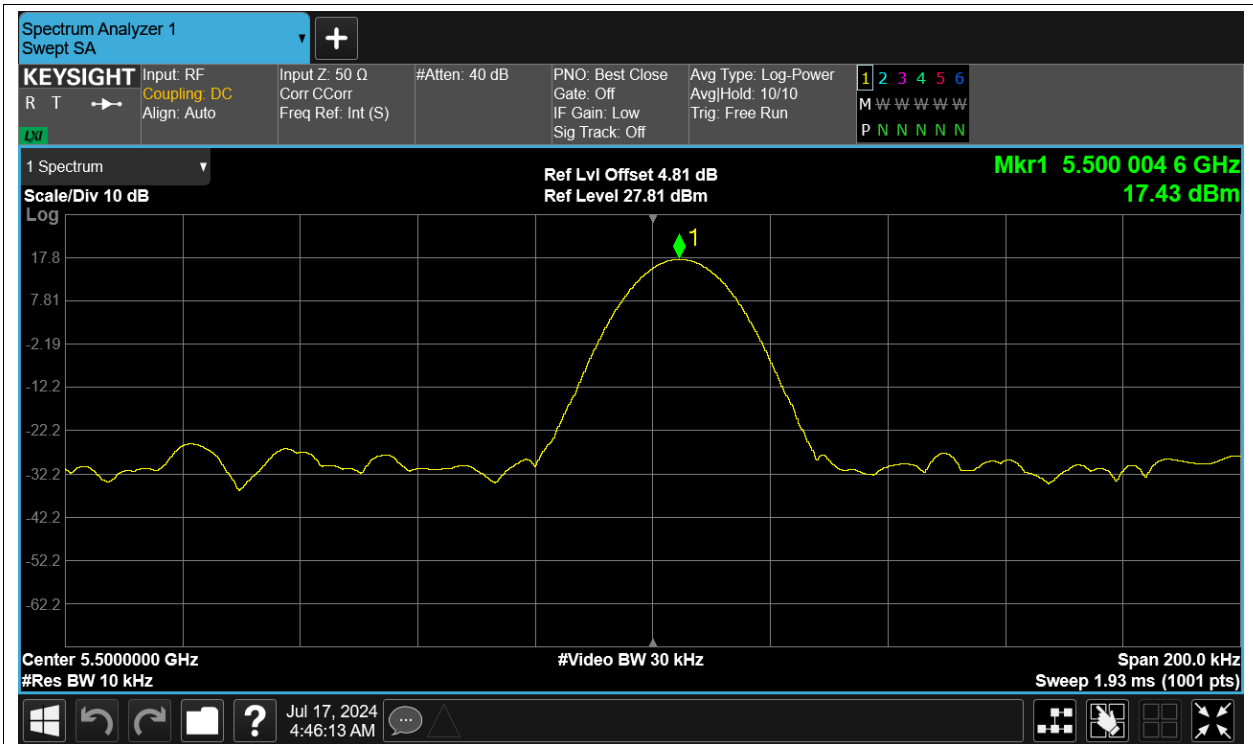
Freq. Stability HVNT a 5500MHz Ant1



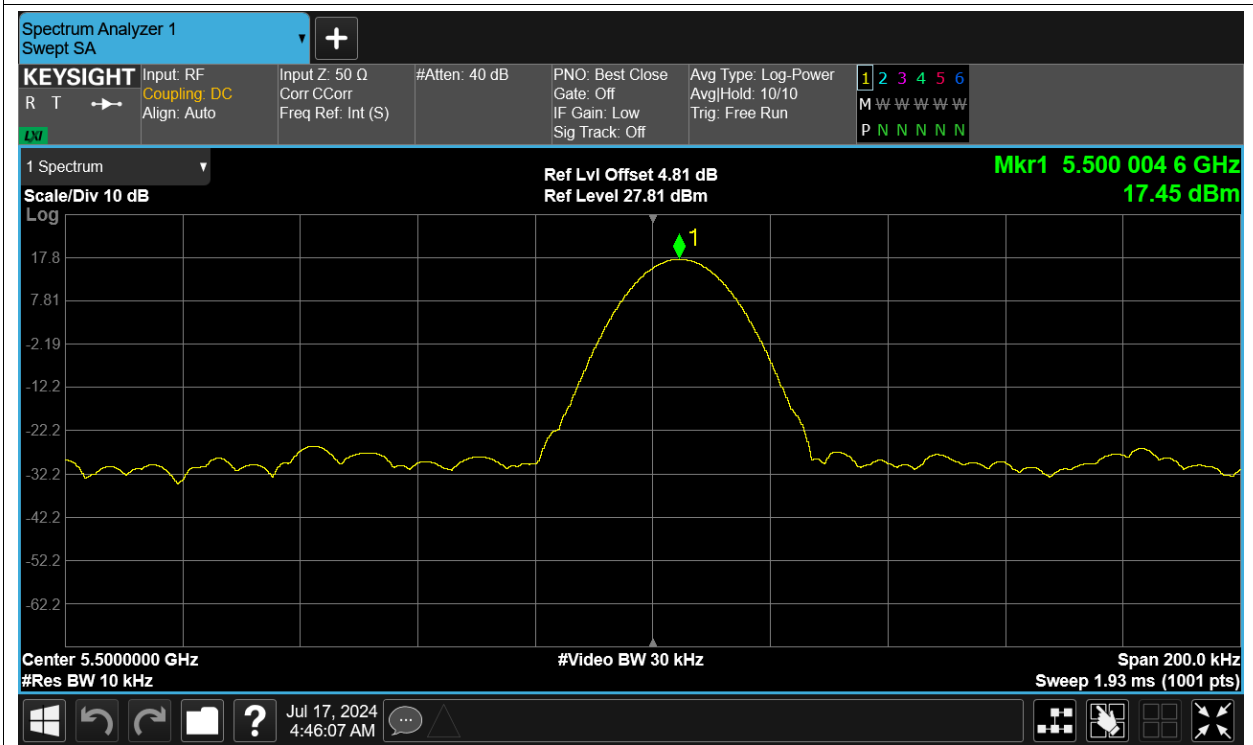
Freq. Stability LVNT a 5500MHz Ant1



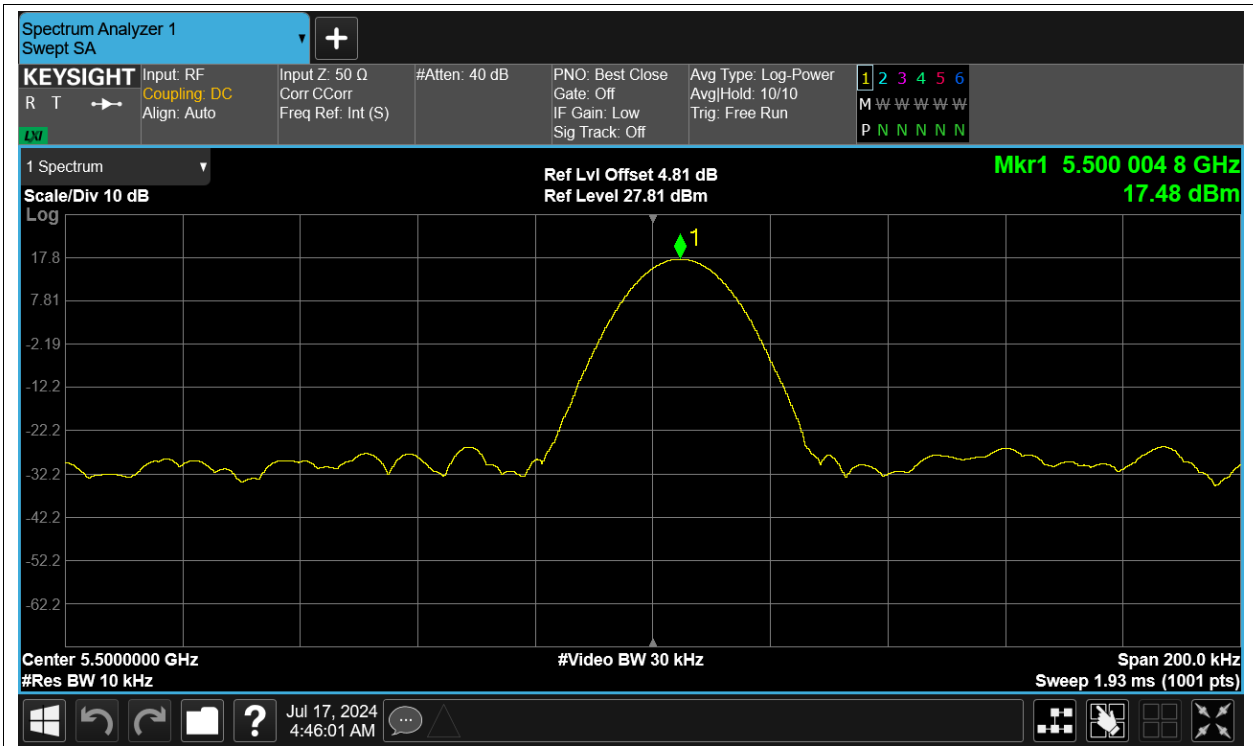
Freq. Stability NVHT a 5500MHz Ant1



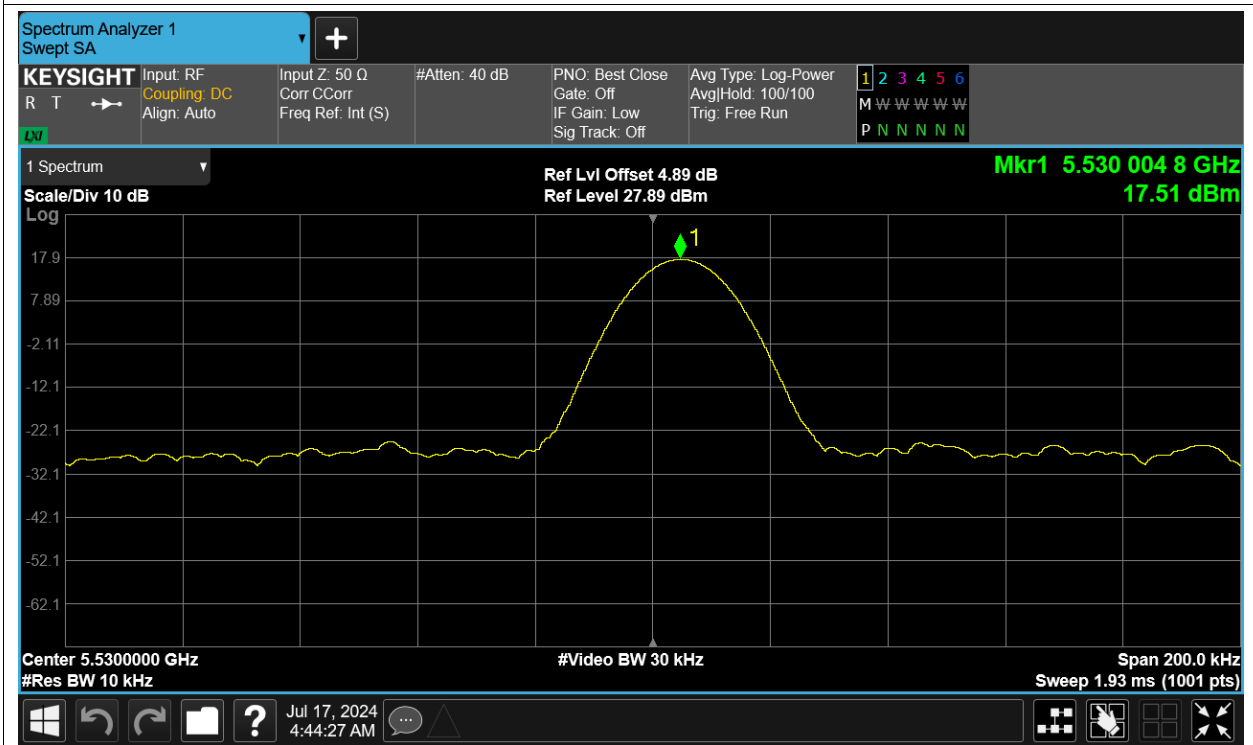
Freq. Stability NVLT a 5500MHz Ant1



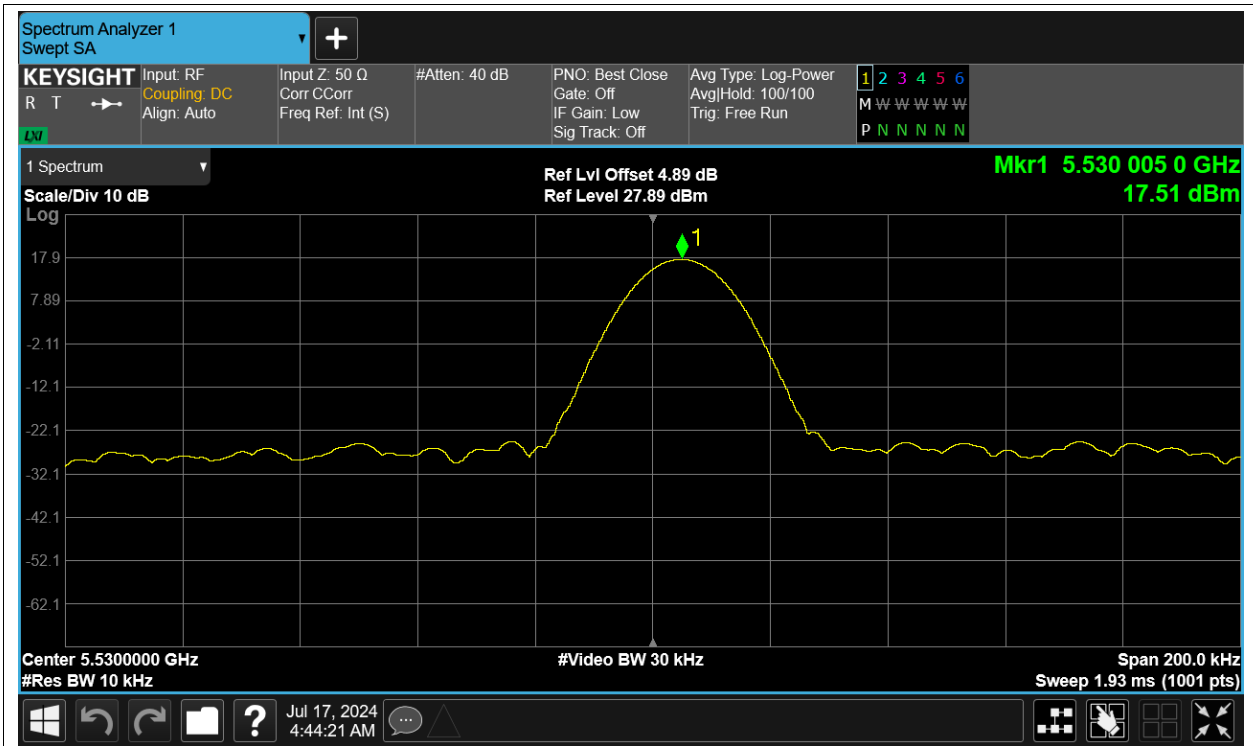
Freq. Stability NVNT a 5500MHz Ant1



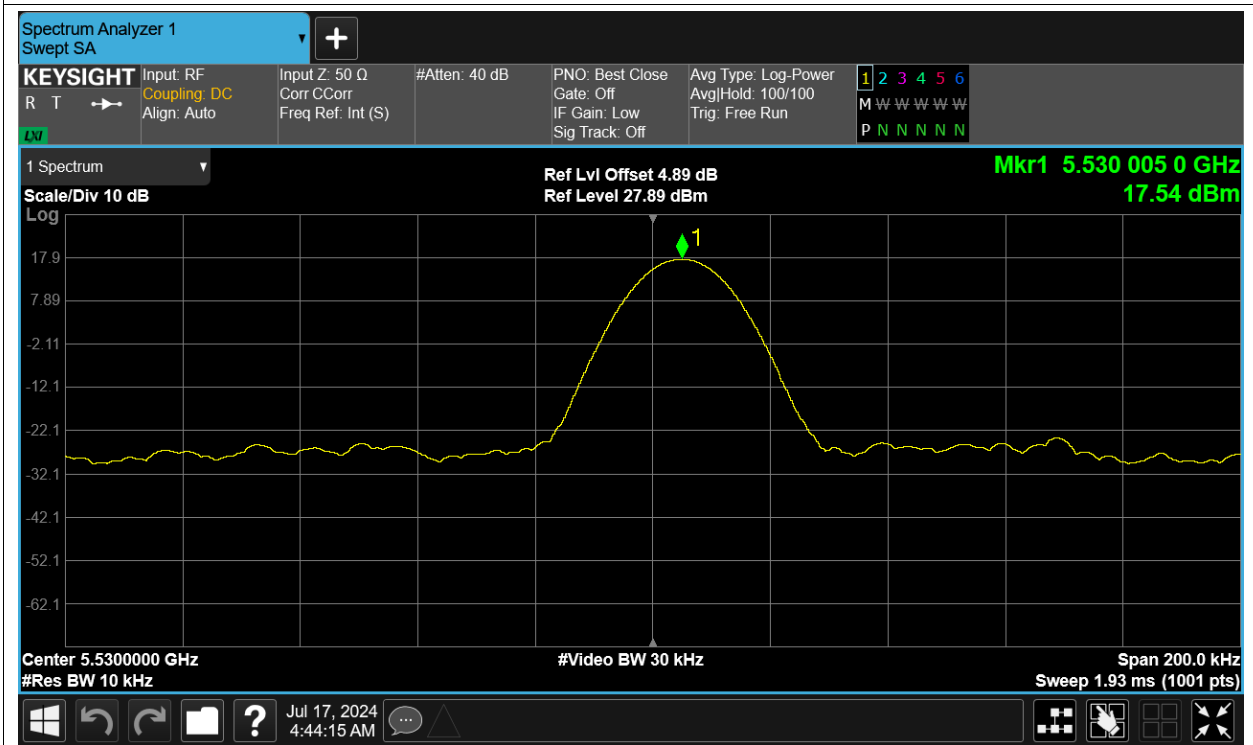
Freq. Stability HVNT ac80 5530MHz Ant1



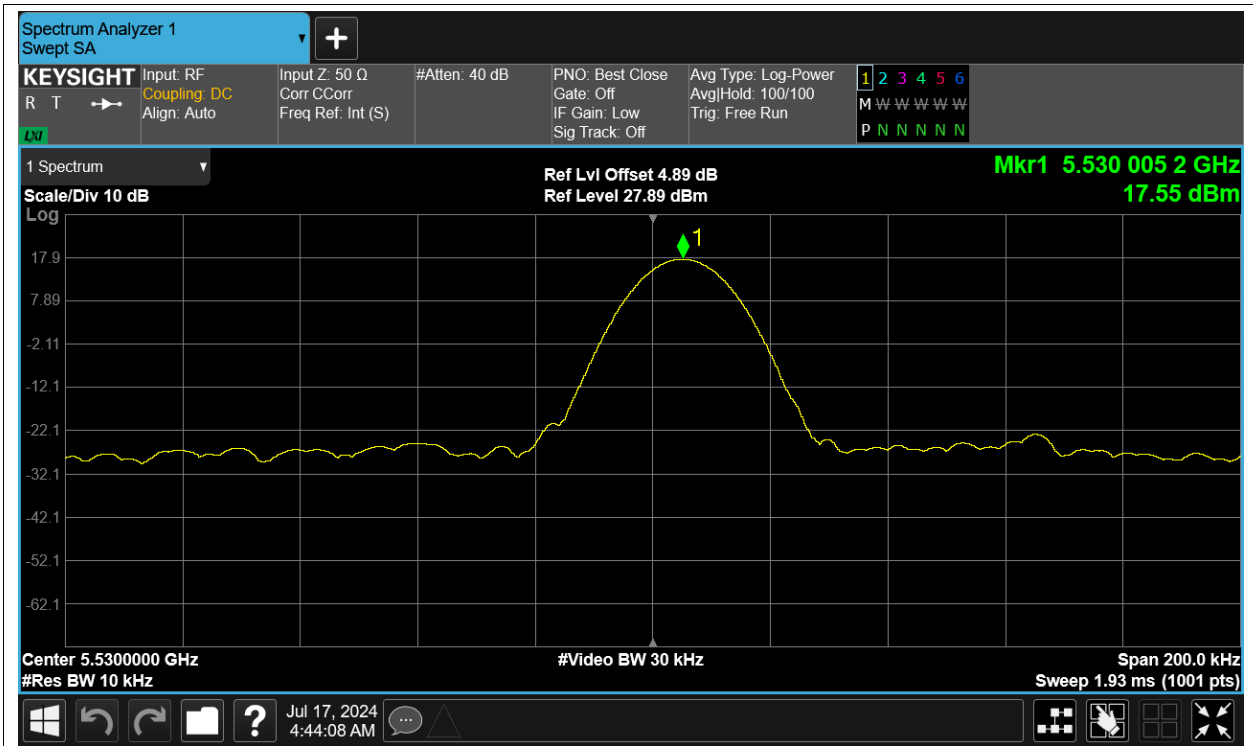
Freq. Stability LVNT ac80 5530MHz Ant1



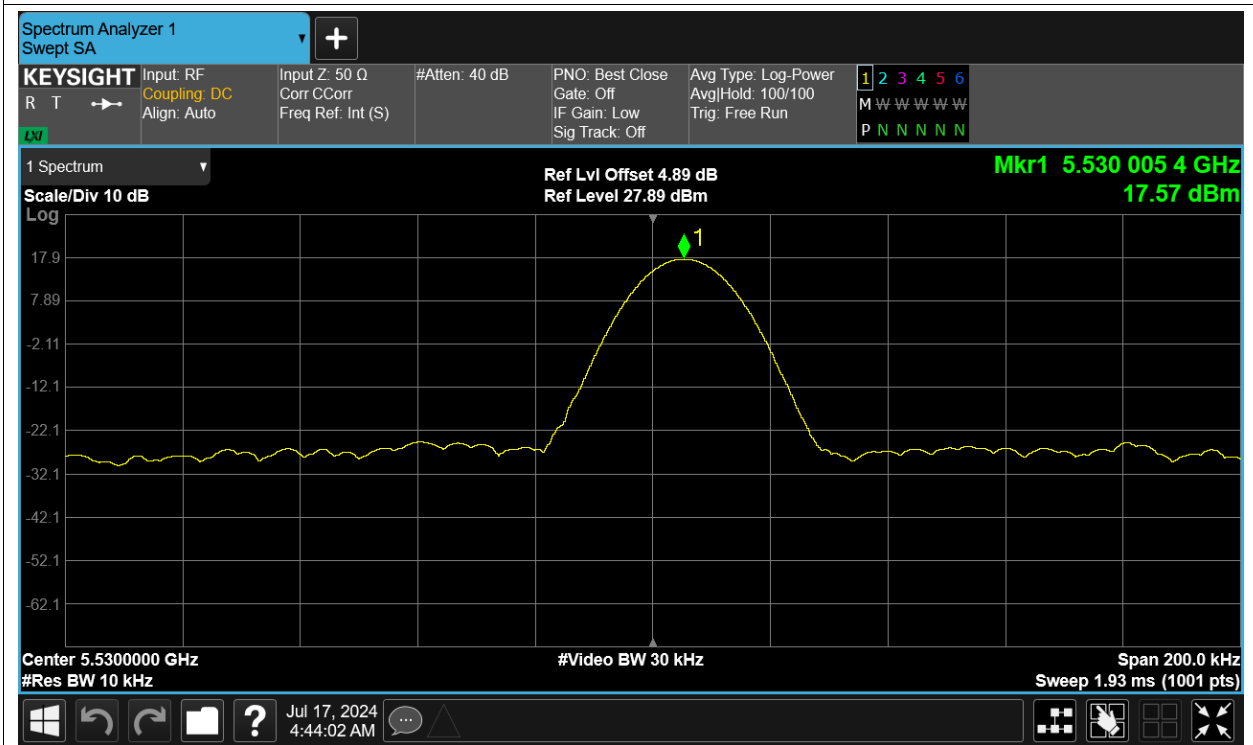
Freq. Stability NVHT ac80 5530MHz Ant1



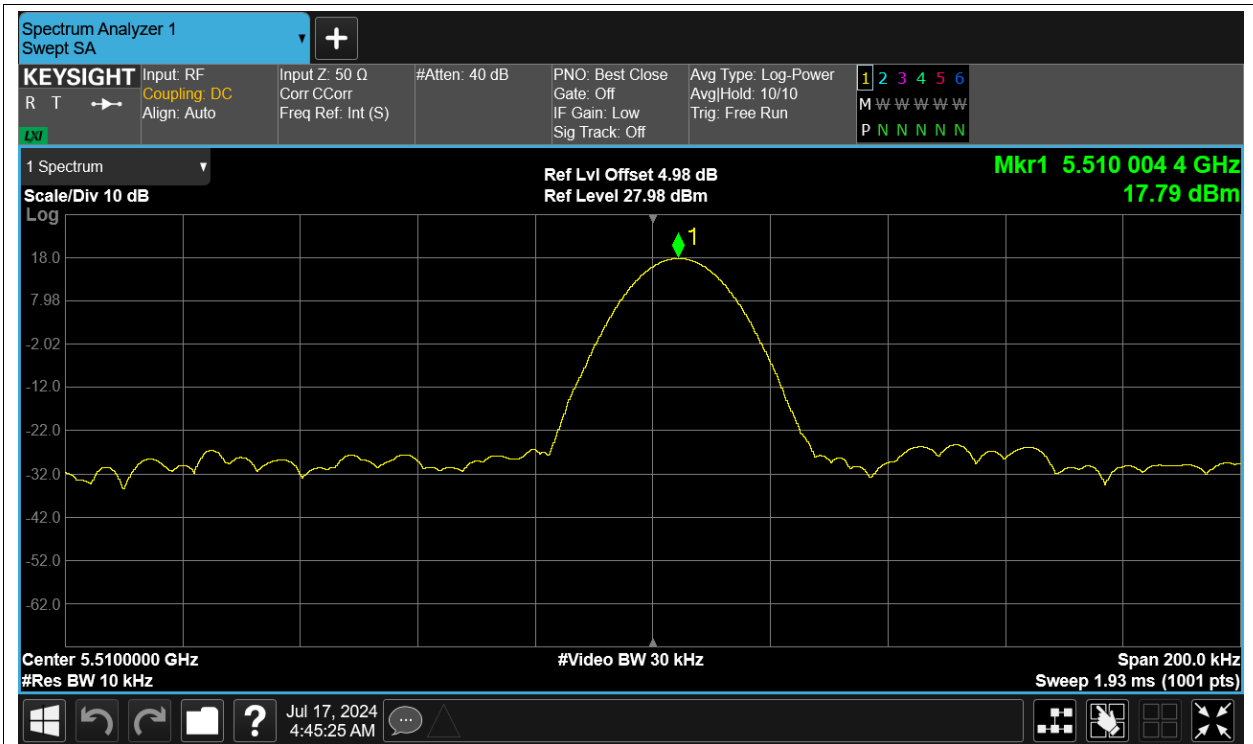
Freq. Stability NVLT ac80 5530MHz Ant1



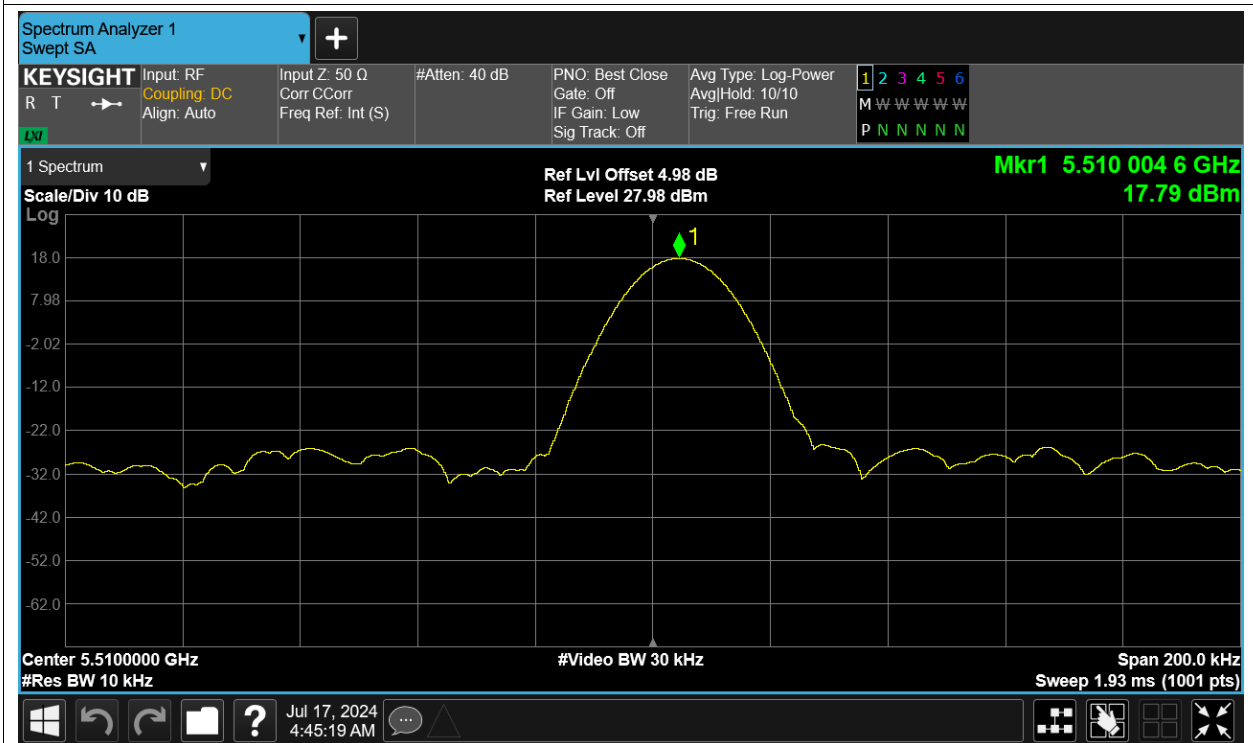
Freq. Stability NVNT ac80 5530MHz Ant1



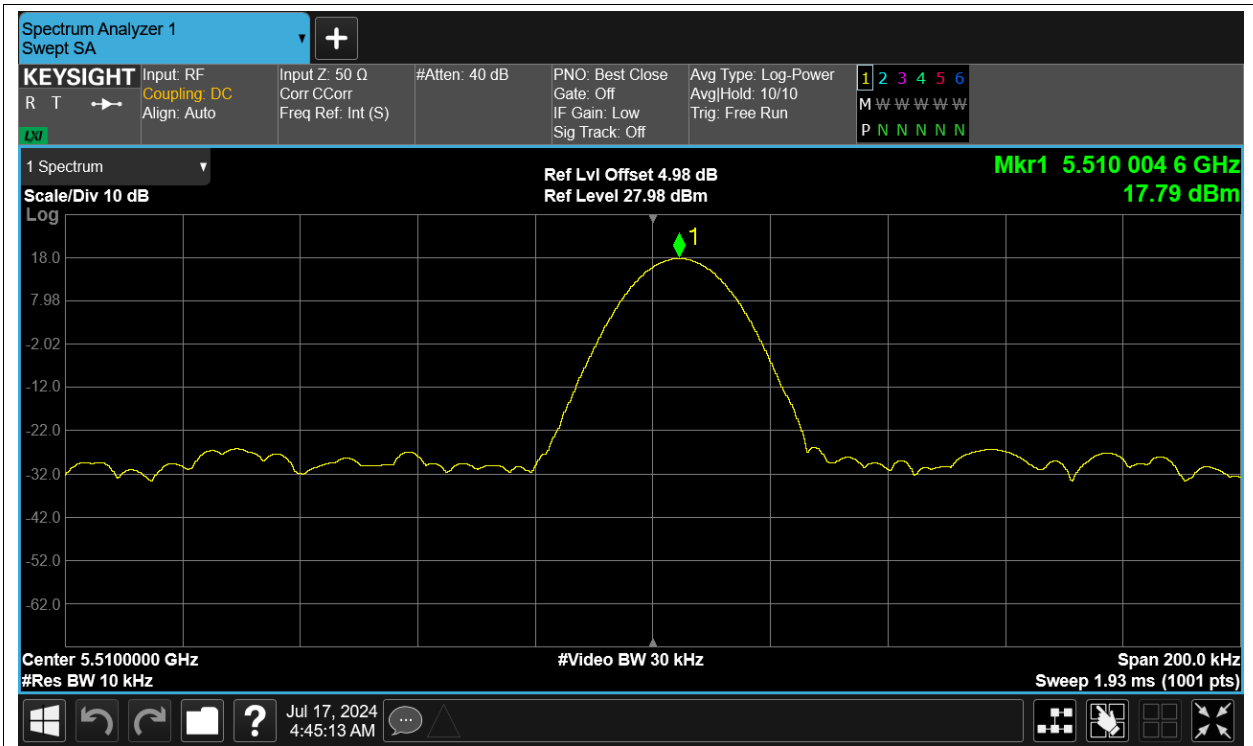
Freq. Stability HVNT n40 5510MHz Ant1



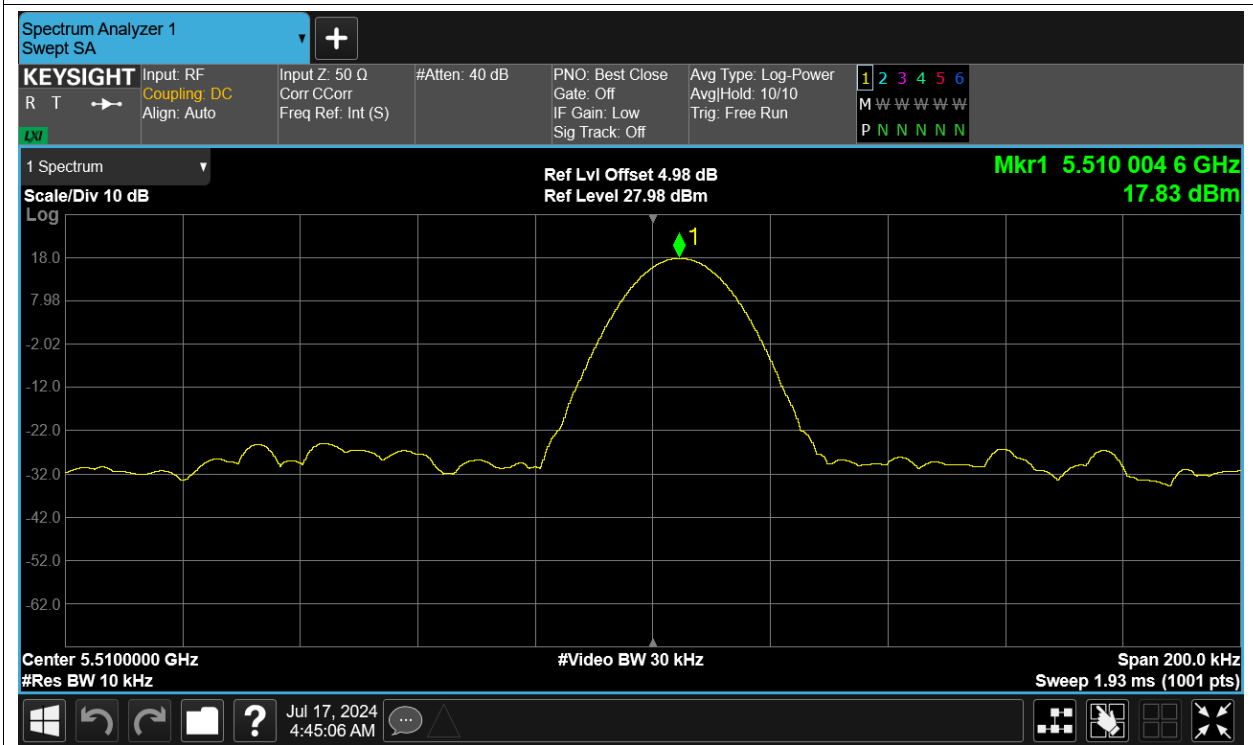
Freq. Stability LVNT n40 5510MHz Ant1



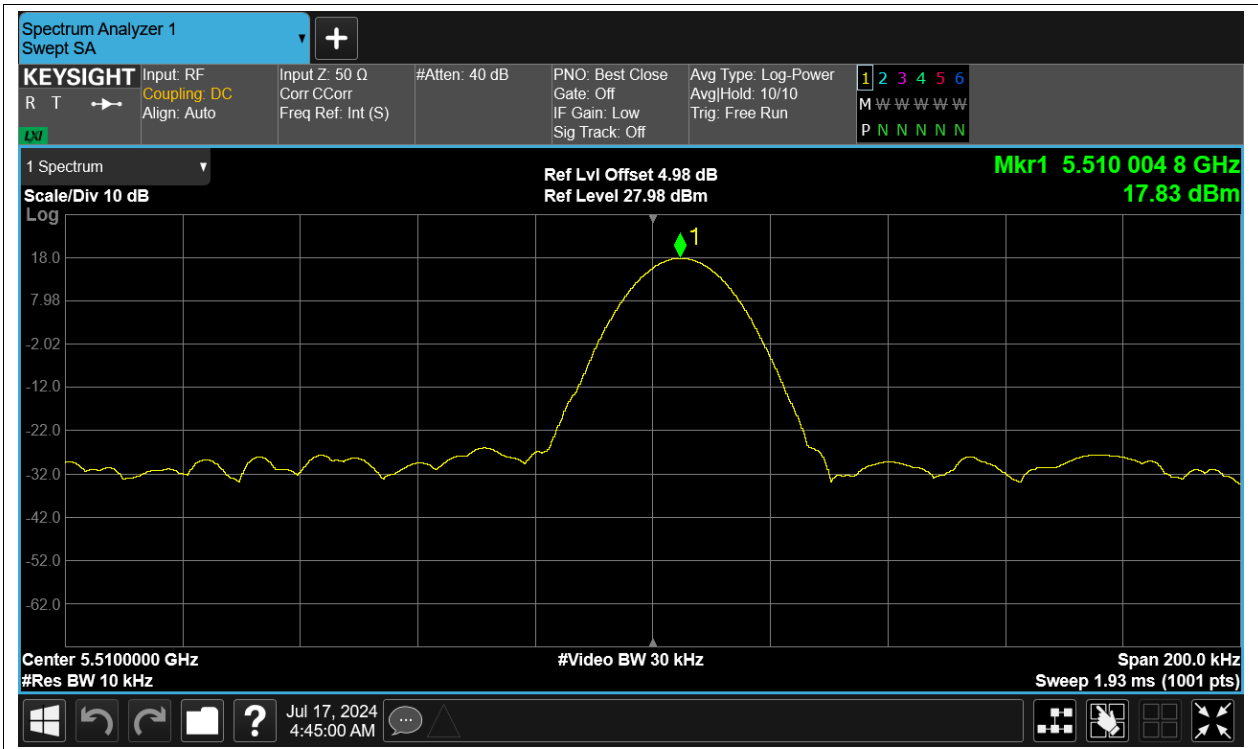
Freq. Stability NVHT n40 5510MHz Ant1



Freq. Stability NVLT n40 5510MHz Ant1



Freq. Stability NVNT n40 5510MHz Ant1

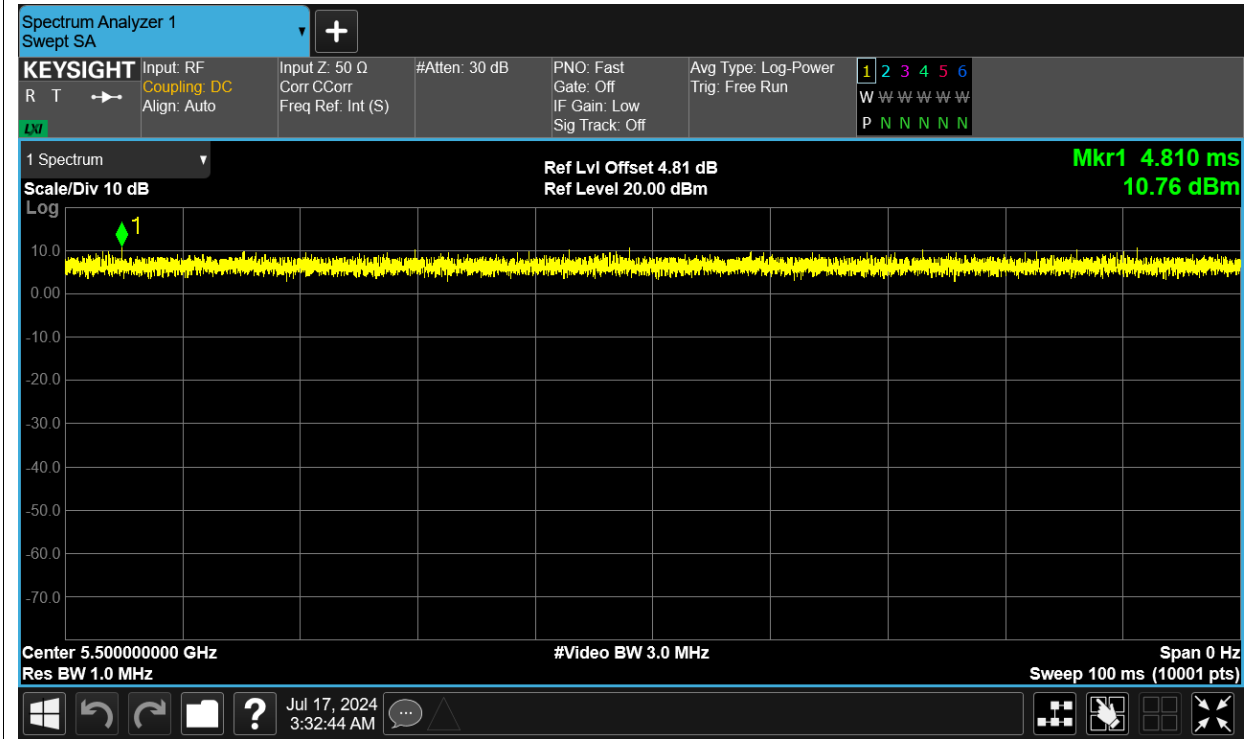


Duty Cycle

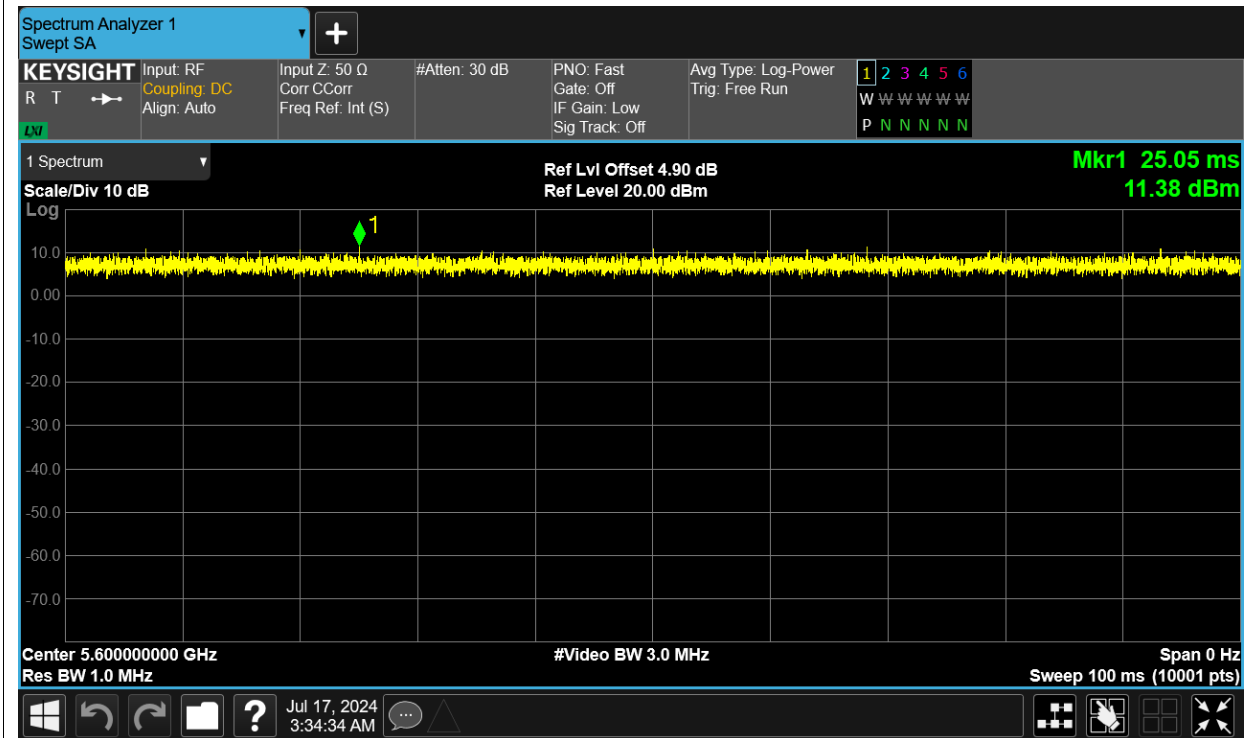
Condition	Mode	Frequency (MHz)	Antenna	Duty Cycle (%)	Correction Factor (dB)
NVNT	a	5500	Ant1	100	0
NVNT	a	5600	Ant1	100	0
NVNT	a	5700	Ant1	100	0
NVNT	ac20	5500	Ant1	100	0
NVNT	ac20	5600	Ant1	100	0
NVNT	ac20	5700	Ant1	100	0
NVNT	ac40	5510	Ant1	100	0
NVNT	ac40	5590	Ant1	100	0
NVNT	ac40	5670	Ant1	100	0
NVNT	ac80	5530	Ant1	100	0
NVNT	ac80	5610	Ant1	100	0
NVNT	n20	5500	Ant1	100	0
NVNT	n20	5600	Ant1	100	0
NVNT	n20	5700	Ant1	100	0
NVNT	n40	5510	Ant1	100	0
NVNT	n40	5590	Ant1	100	0
NVNT	n40	5670	Ant1	100	0

Test Graphs

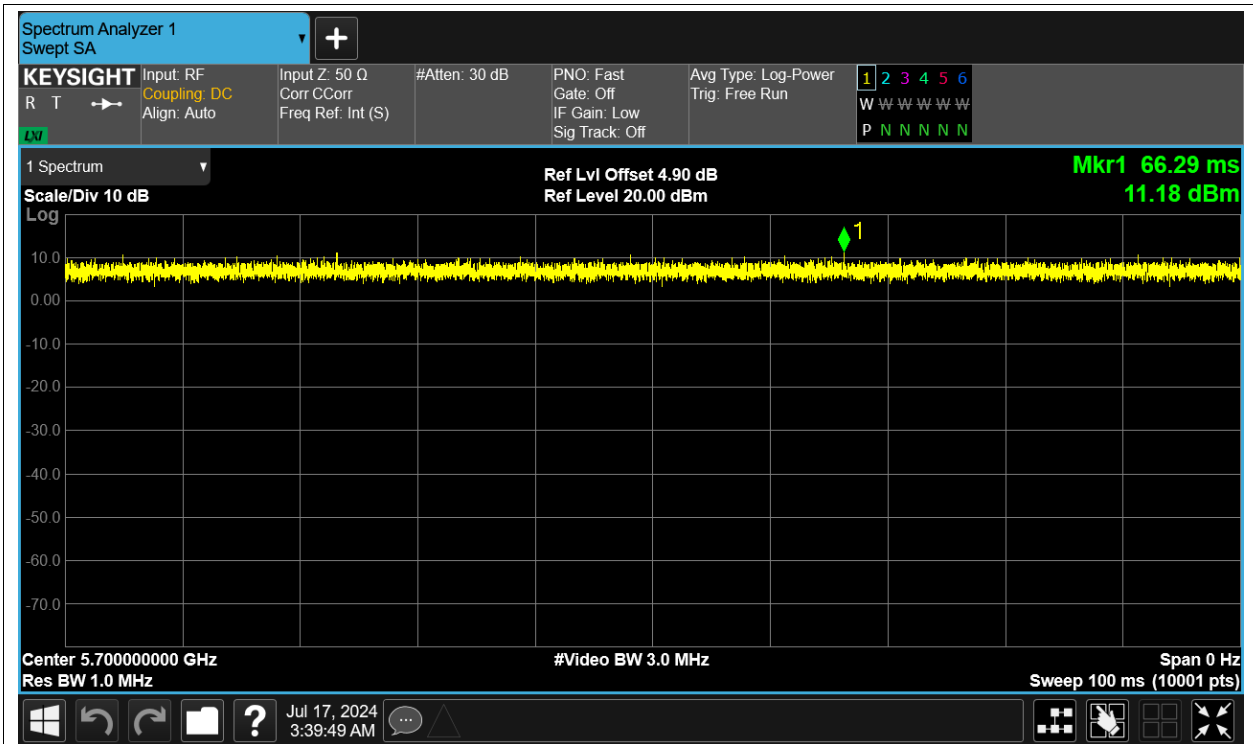
Duty Cycle NVNT a 5500MHz Ant1



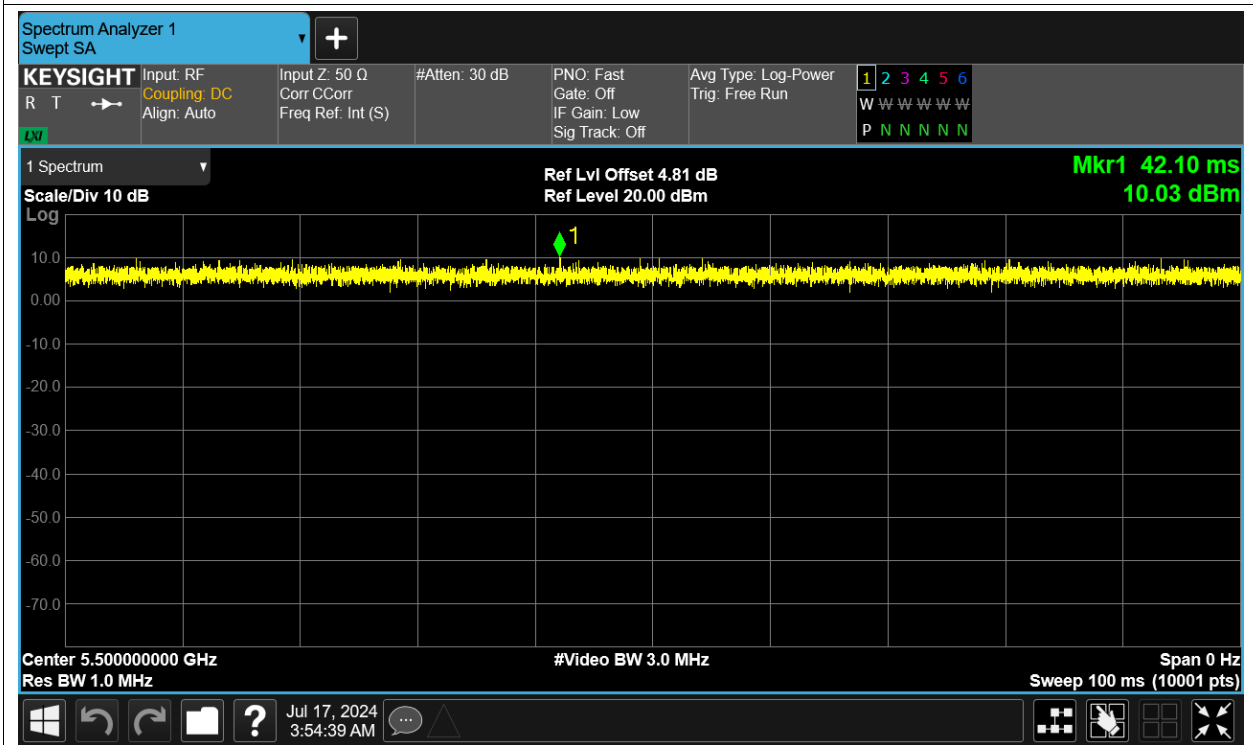
Duty Cycle NVNT a 5600MHz Ant1



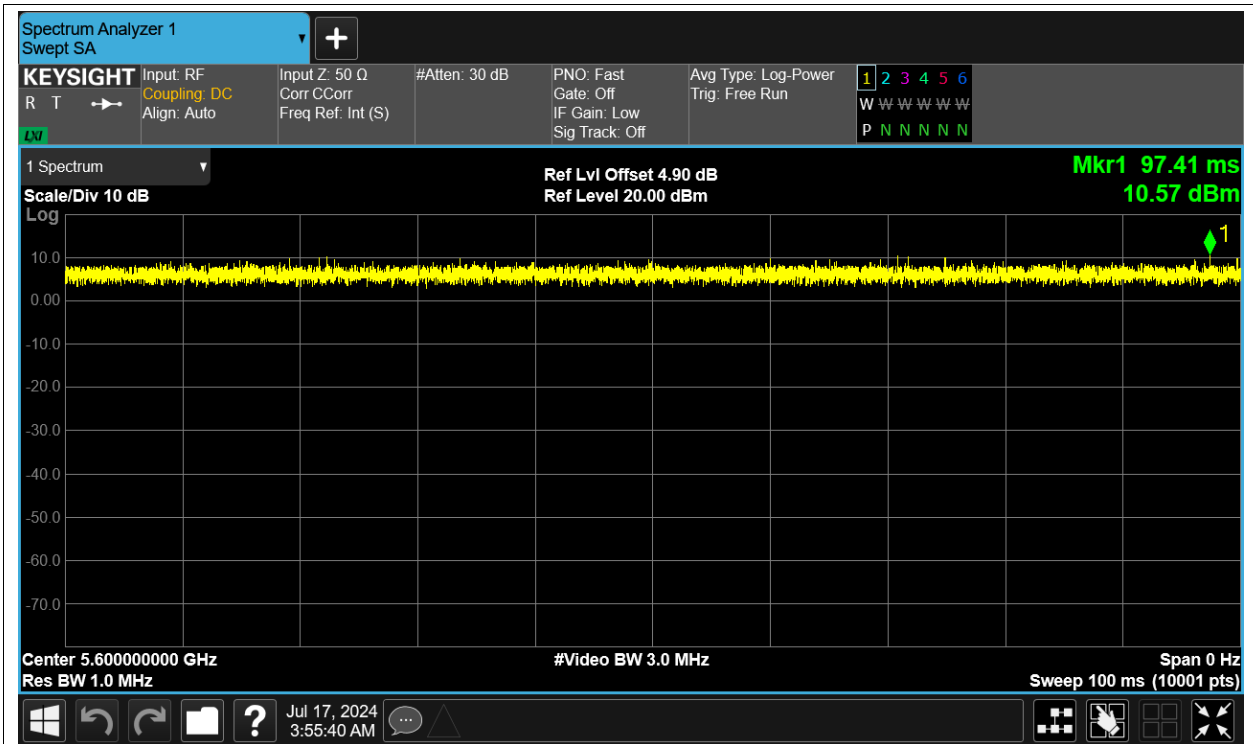
Duty Cycle NVNT a 5700MHz Ant1



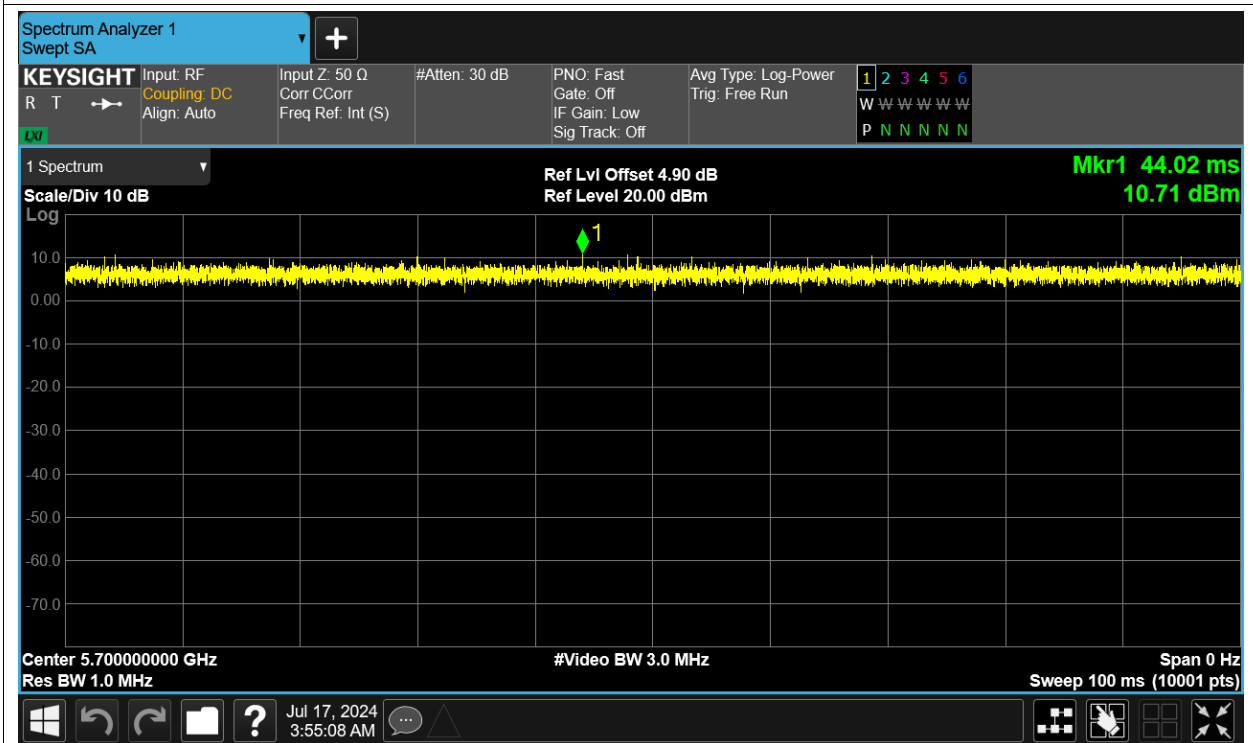
Duty Cycle NVNT ac20 5500MHz Ant1



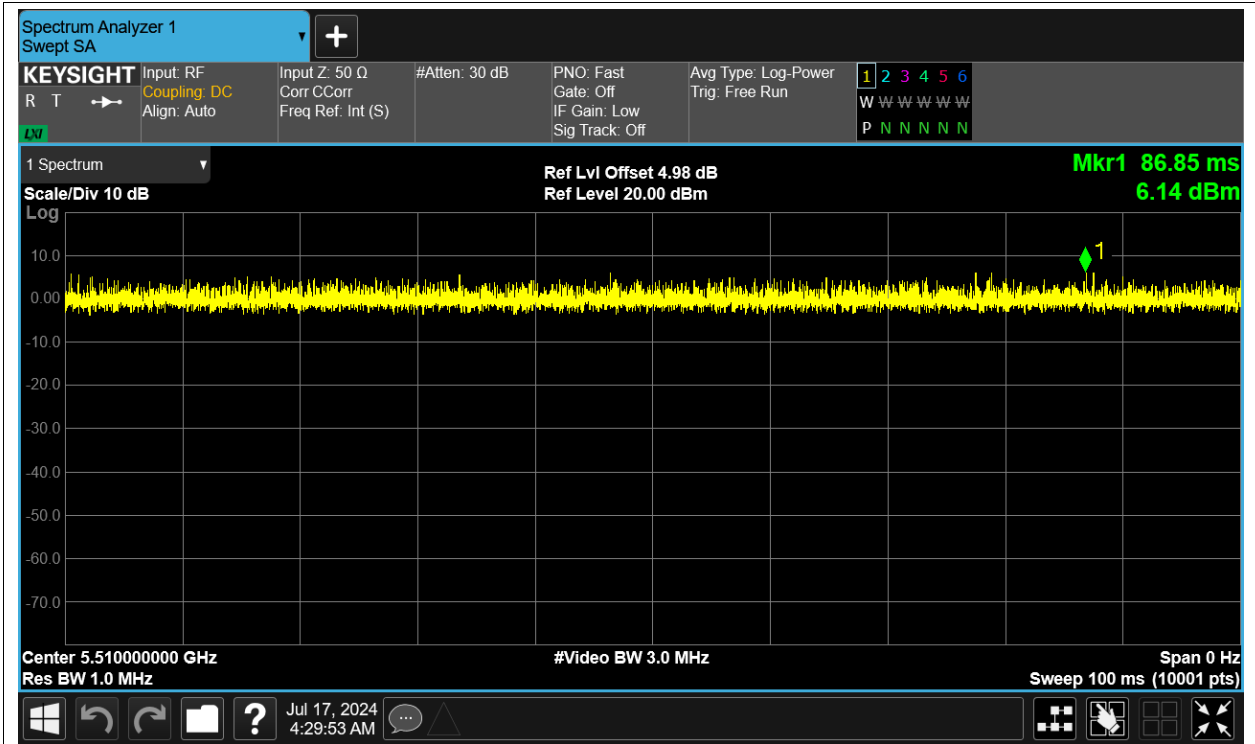
Duty Cycle NVNT ac20 5600MHz Ant1



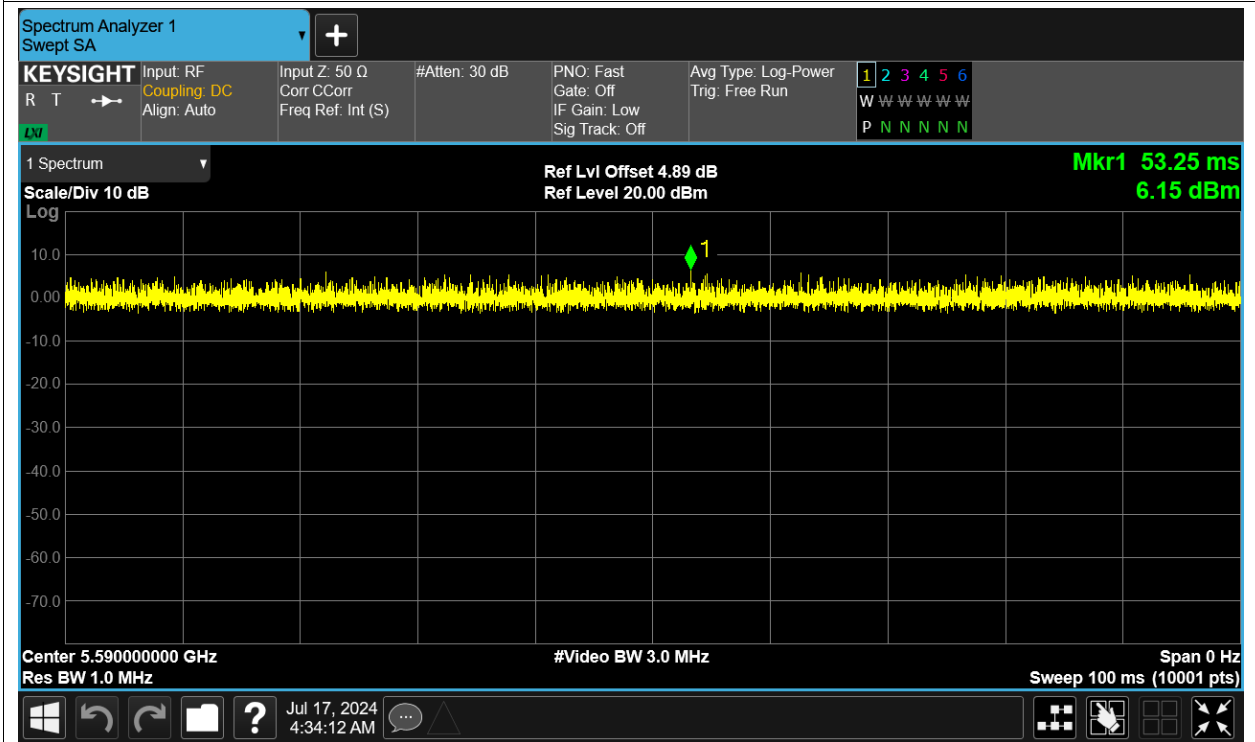
Duty Cycle NVNT ac20 5700MHz Ant1



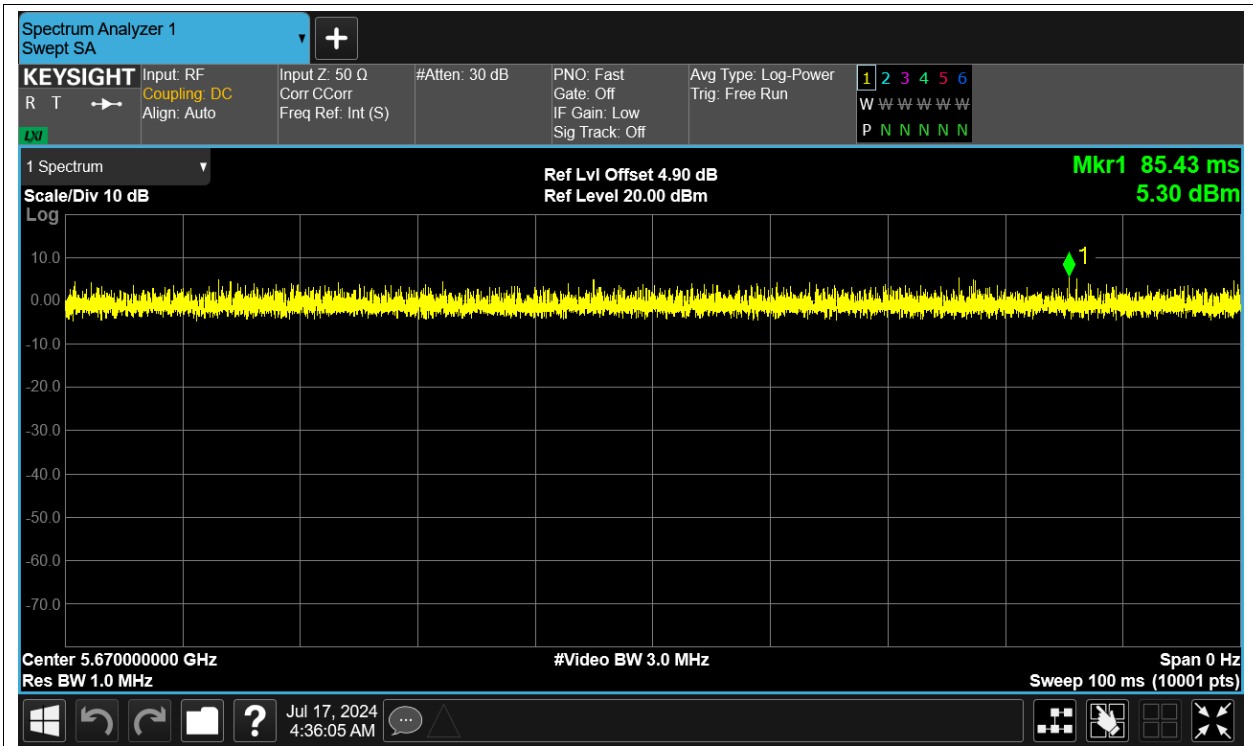
Duty Cycle NVNT ac40 5510MHz Ant1



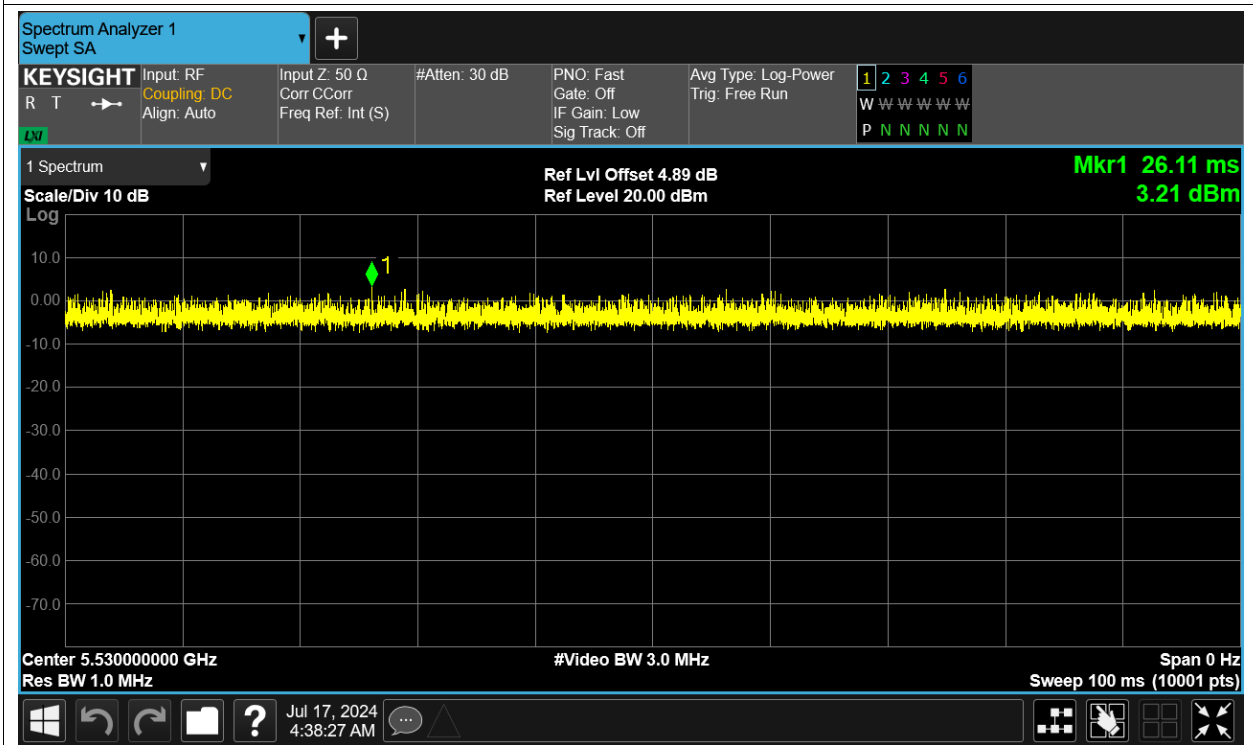
Duty Cycle NVNT ac40 5590MHz Ant1



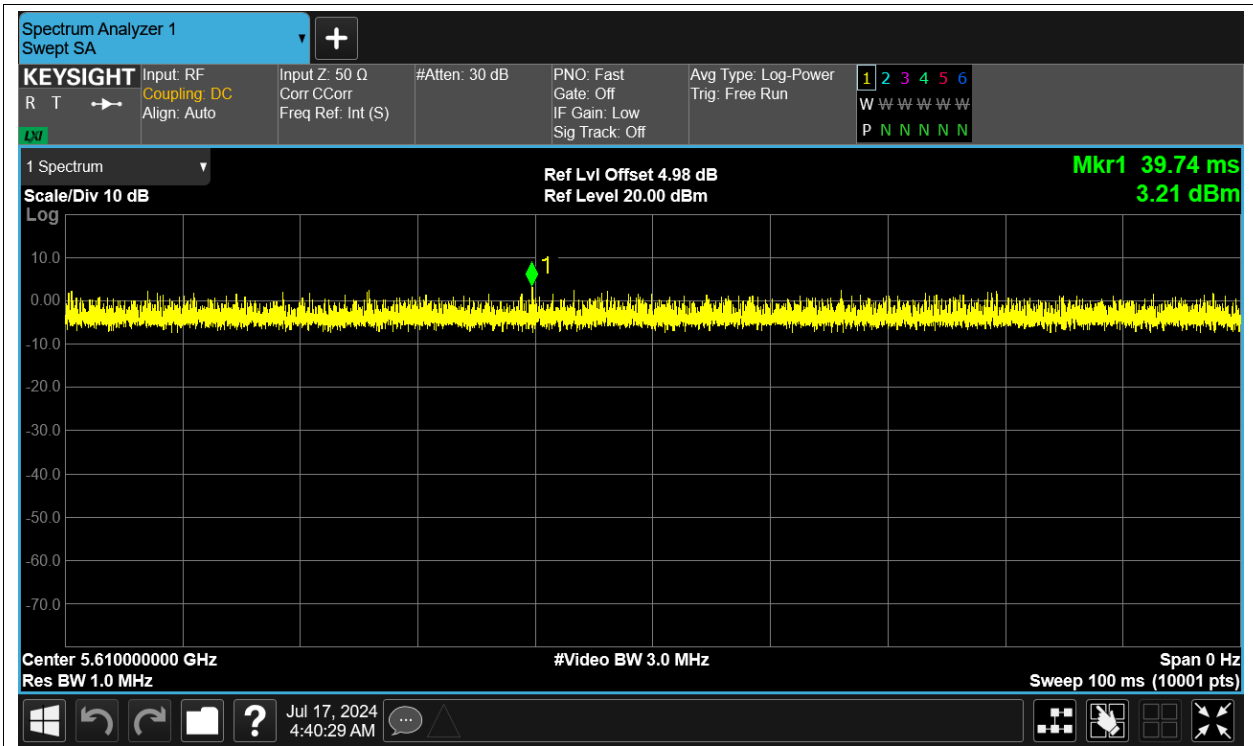
Duty Cycle NVNT ac40 5670MHz Ant1



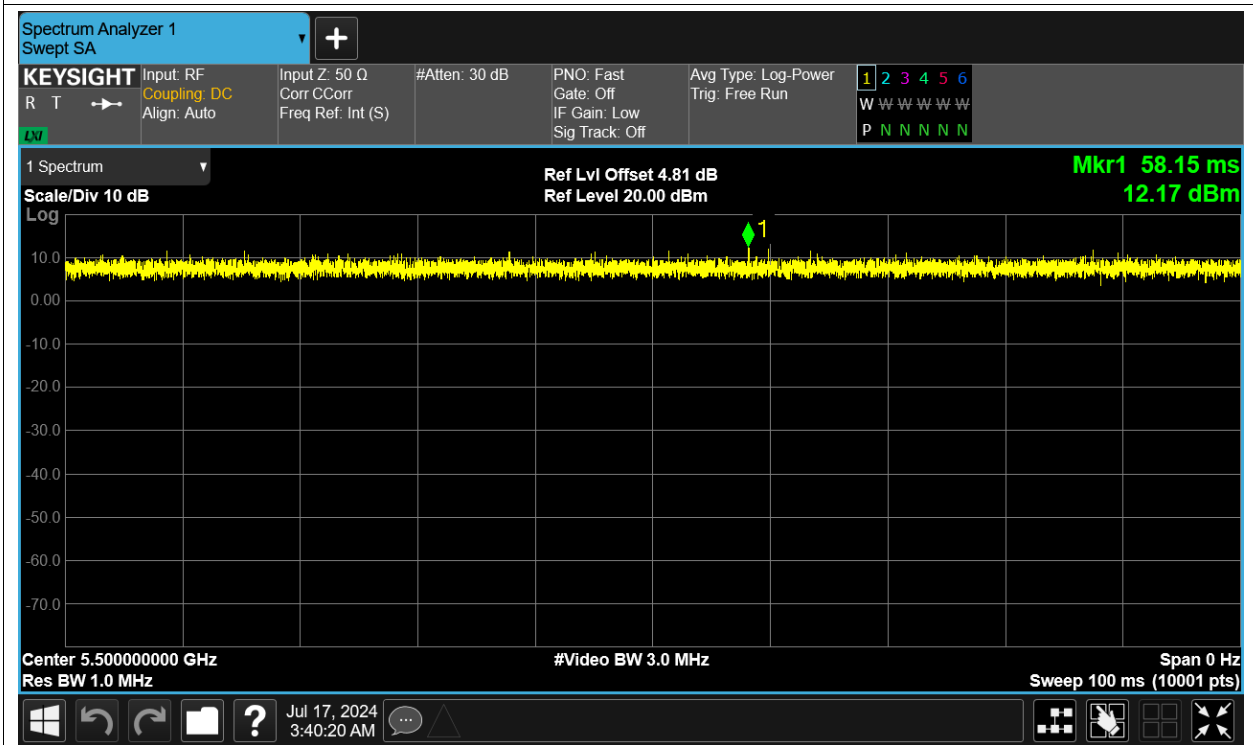
Duty Cycle NVNT ac80 5530MHz Ant1



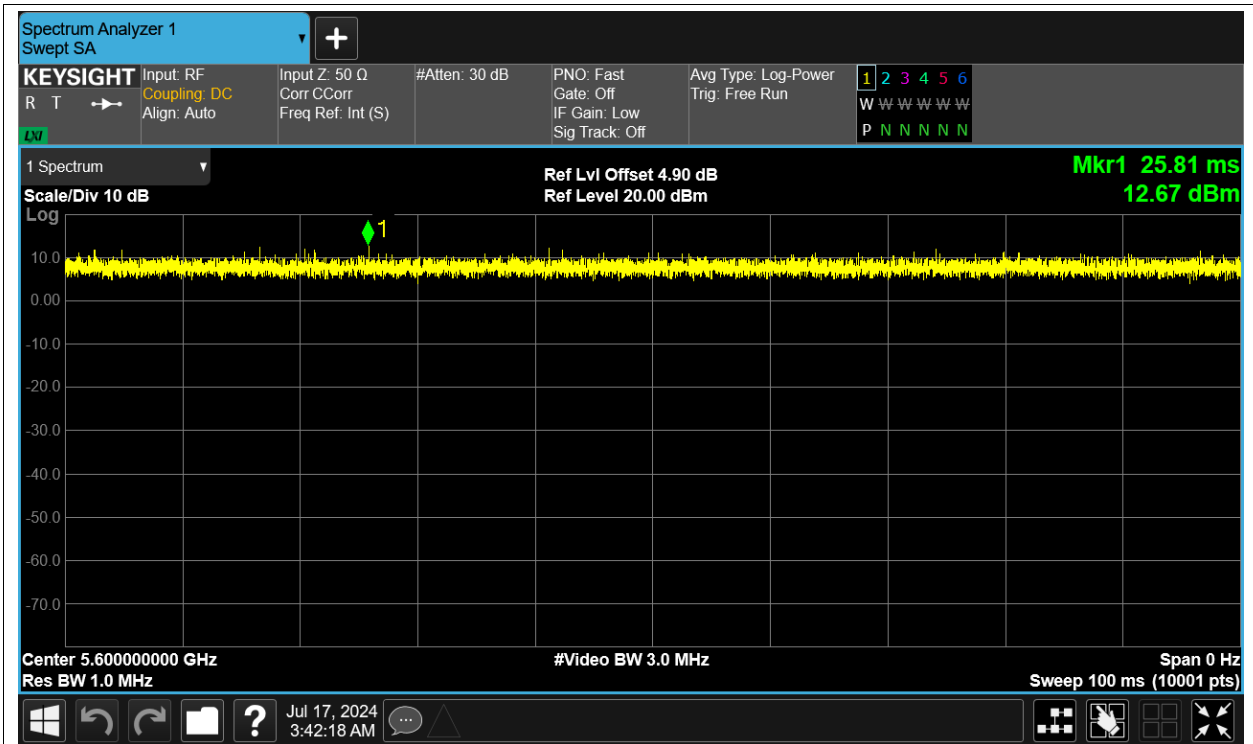
Duty Cycle NVNT ac80 5610MHz Ant1



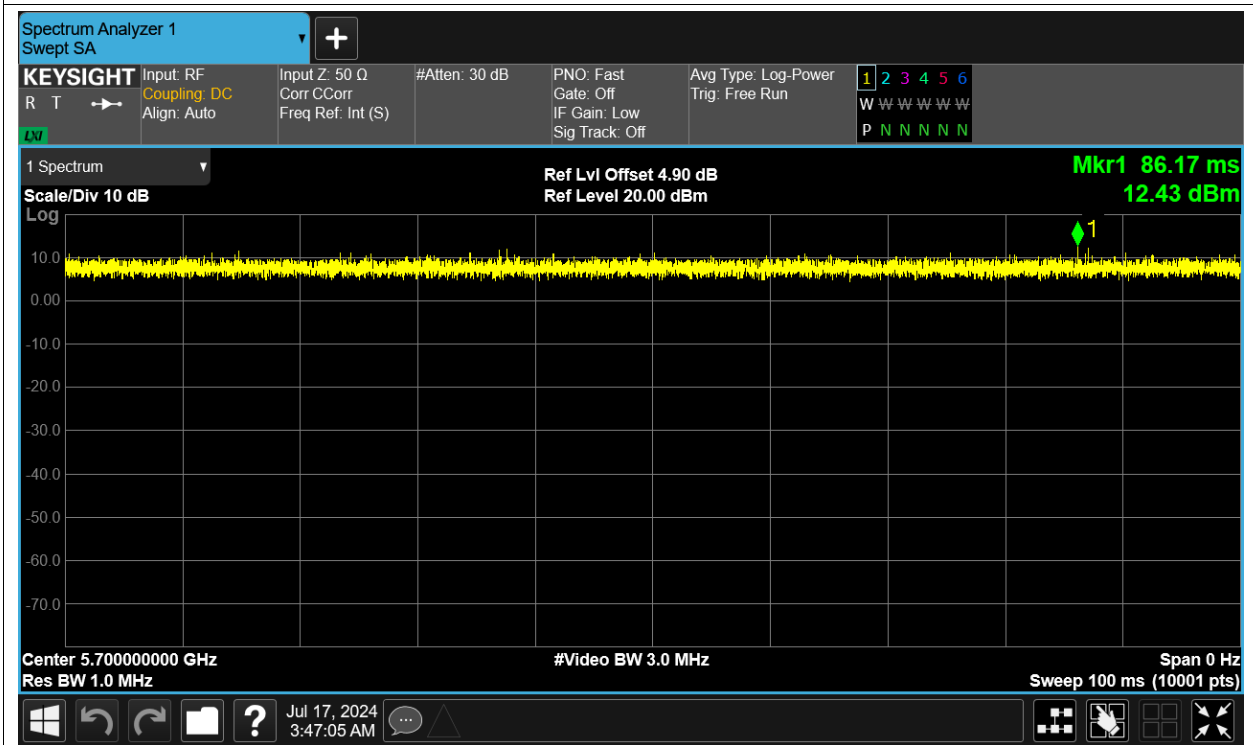
Duty Cycle NVNT n20 5500MHz Ant1



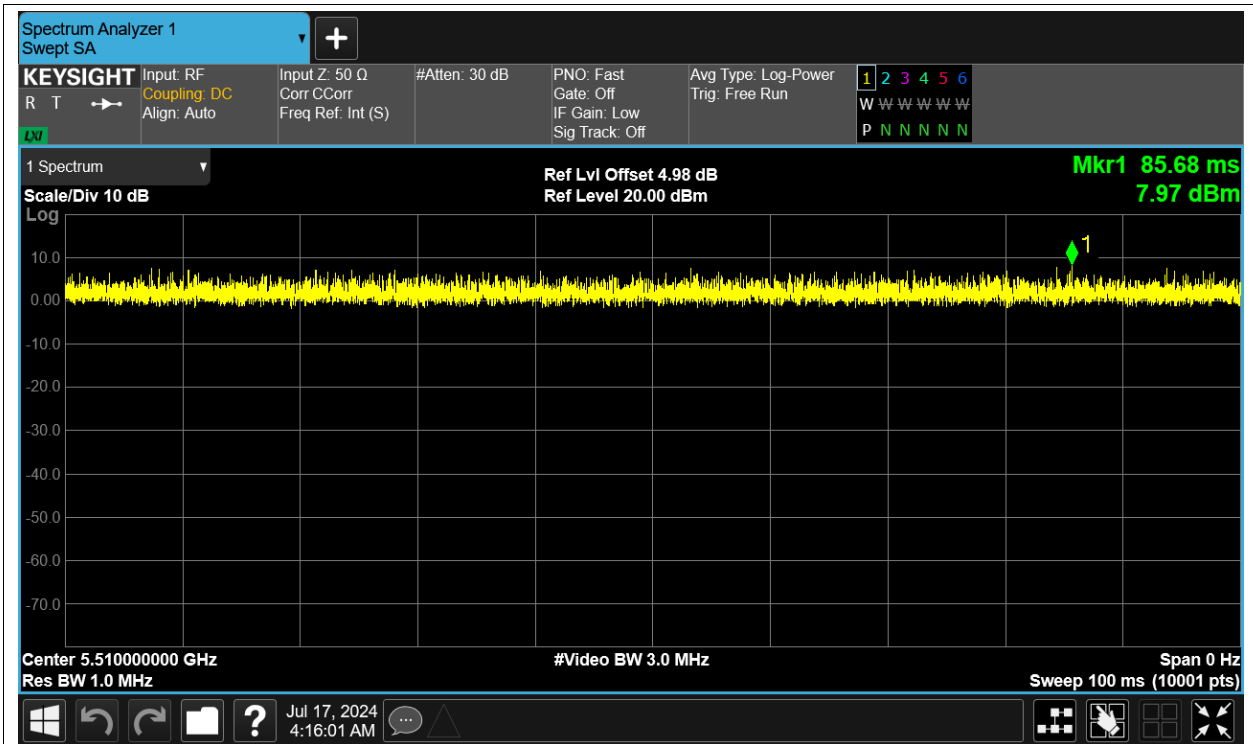
Duty Cycle NVNT n20 5600MHz Ant1



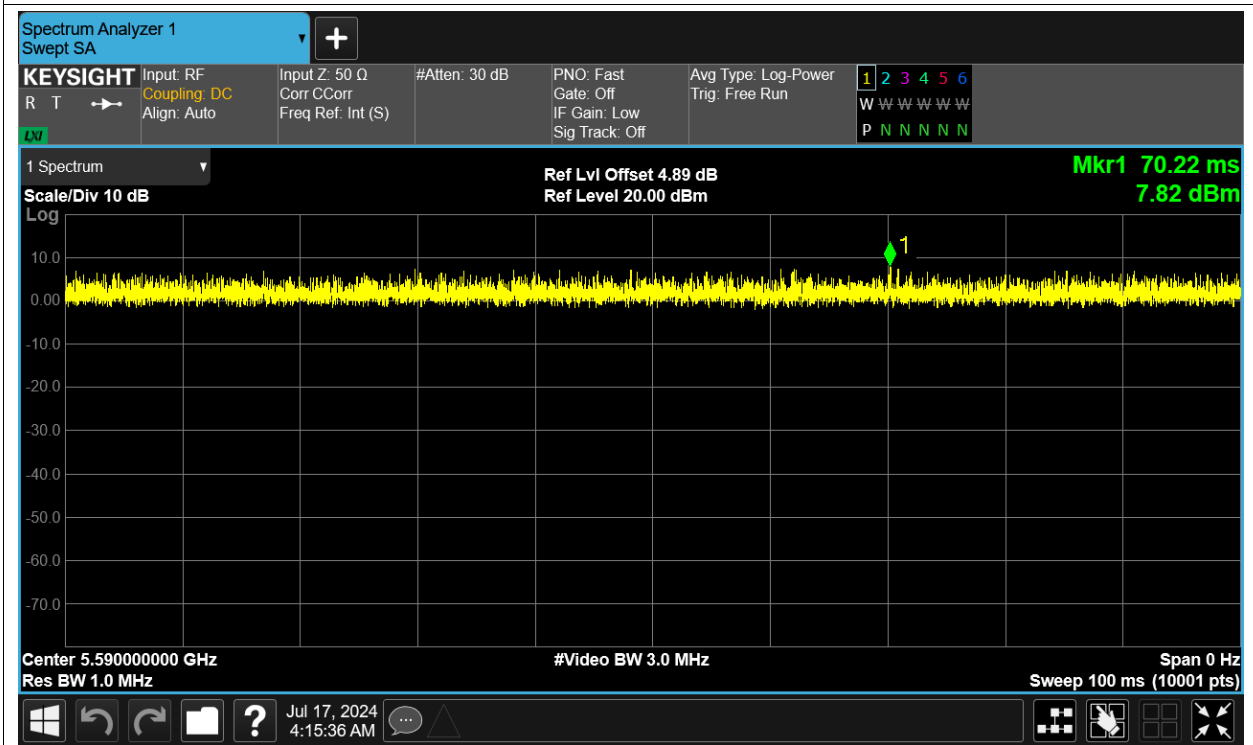
Duty Cycle NVNT n20 5700MHz Ant1



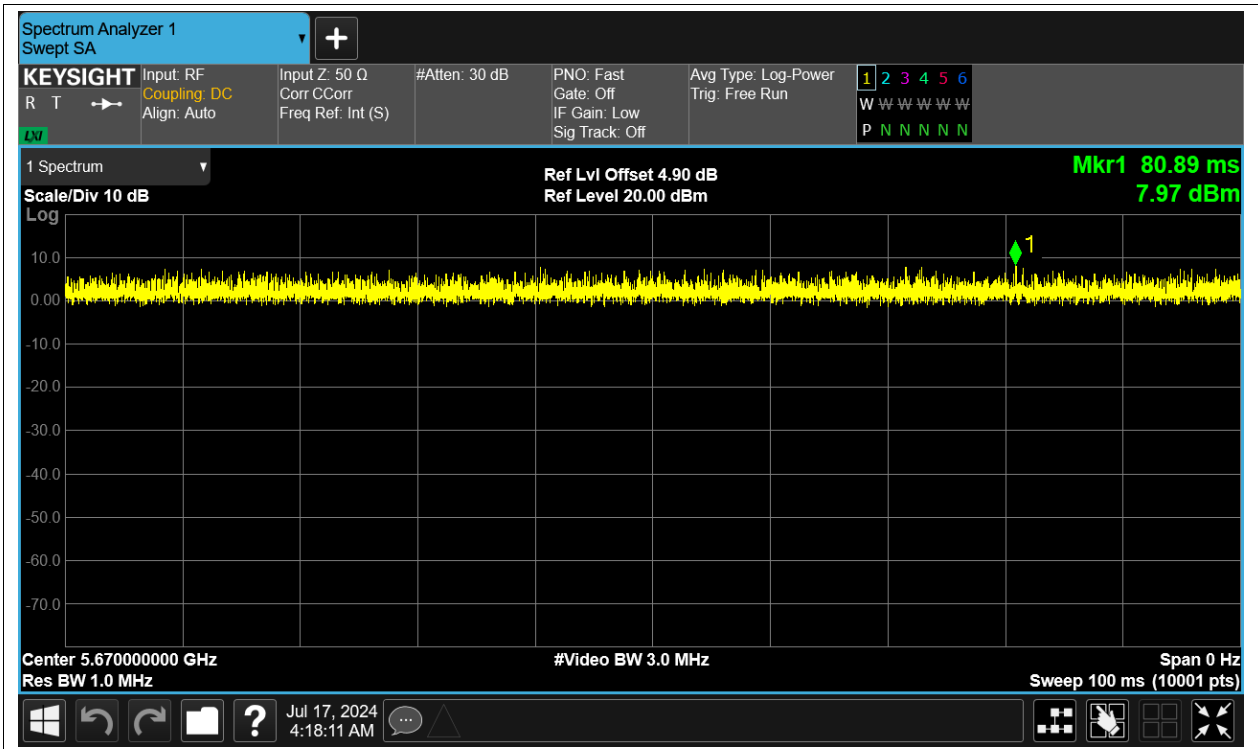
Duty Cycle NVNT n40 5510MHz Ant1



Duty Cycle NVNT n40 5590MHz Ant1



Duty Cycle NVNT n40 5670MHz Ant1



Maximum Conducted Output Power

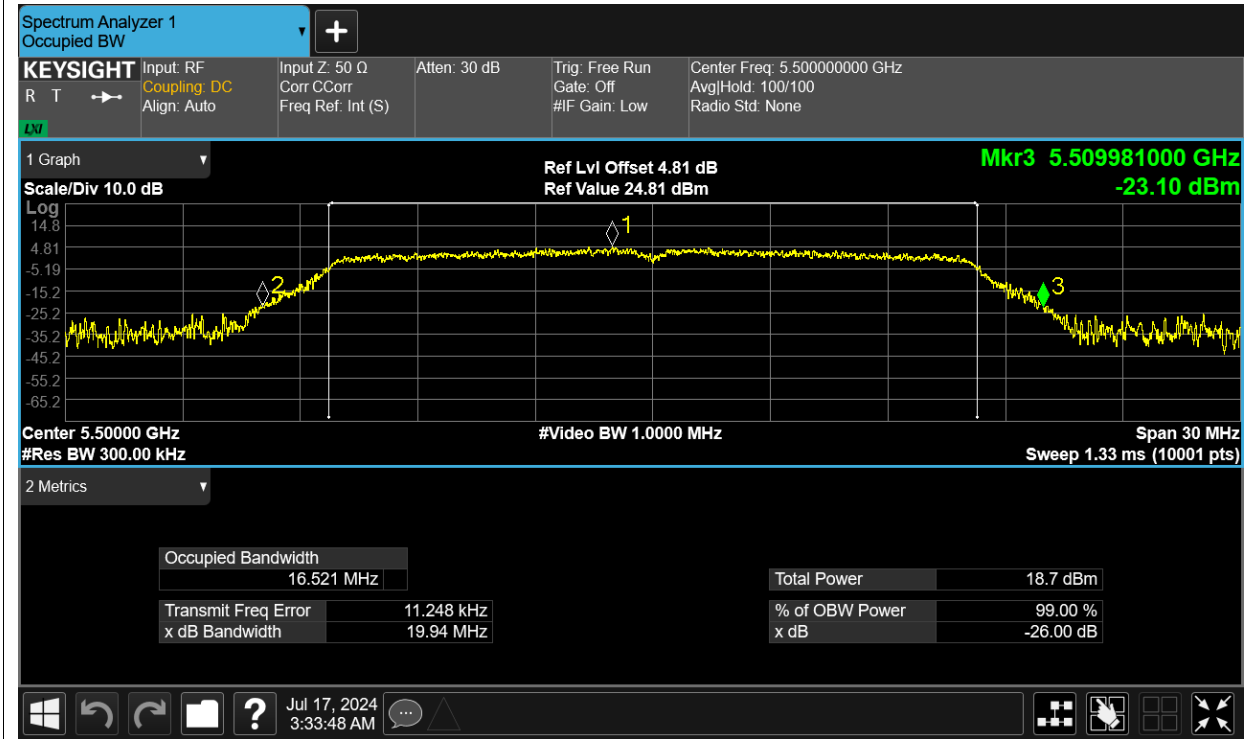
Condition	Mode	Frequency (MHz)	Antenna	Conducted Power (dBm)	Duty Factor (dB)	Total Power (dBm)	Limit (dBm)	Verdict
NVNT	a	5500	Ant1	9.53	0	9.53	24	Pass
NVNT	a	5600	Ant1	10.2	0	10.2	24	Pass
NVNT	a	5700	Ant1	10.24	0	10.24	24	Pass
NVNT	ac20	5500	Ant1	9.35	0	9.35	24	Pass
NVNT	ac20	5600	Ant1	10.01	0	10.01	24	Pass
NVNT	ac20	5700	Ant1	10.07	0	10.07	24	Pass
NVNT	ac40	5510	Ant1	7.41	0	7.41	24	Pass
NVNT	ac40	5590	Ant1	7.84	0	7.84	24	Pass
NVNT	ac40	5670	Ant1	8.01	0	8.01	24	Pass
NVNT	ac80	5530	Ant1	5.98	0	5.98	24	Pass
NVNT	ac80	5610	Ant1	6.62	0	6.62	24	Pass
NVNT	n20	5500	Ant1	9.38	0	9.38	24	Pass
NVNT	n20	5600	Ant1	9.95	0	9.95	24	Pass
NVNT	n20	5700	Ant1	10.05	0	10.05	24	Pass
NVNT	n40	5510	Ant1	7.54	0	7.54	24	Pass
NVNT	n40	5590	Ant1	7.98	0	7.98	24	Pass
NVNT	n40	5670	Ant1	7.99	0	7.99	24	Pass

-26dB Bandwidth

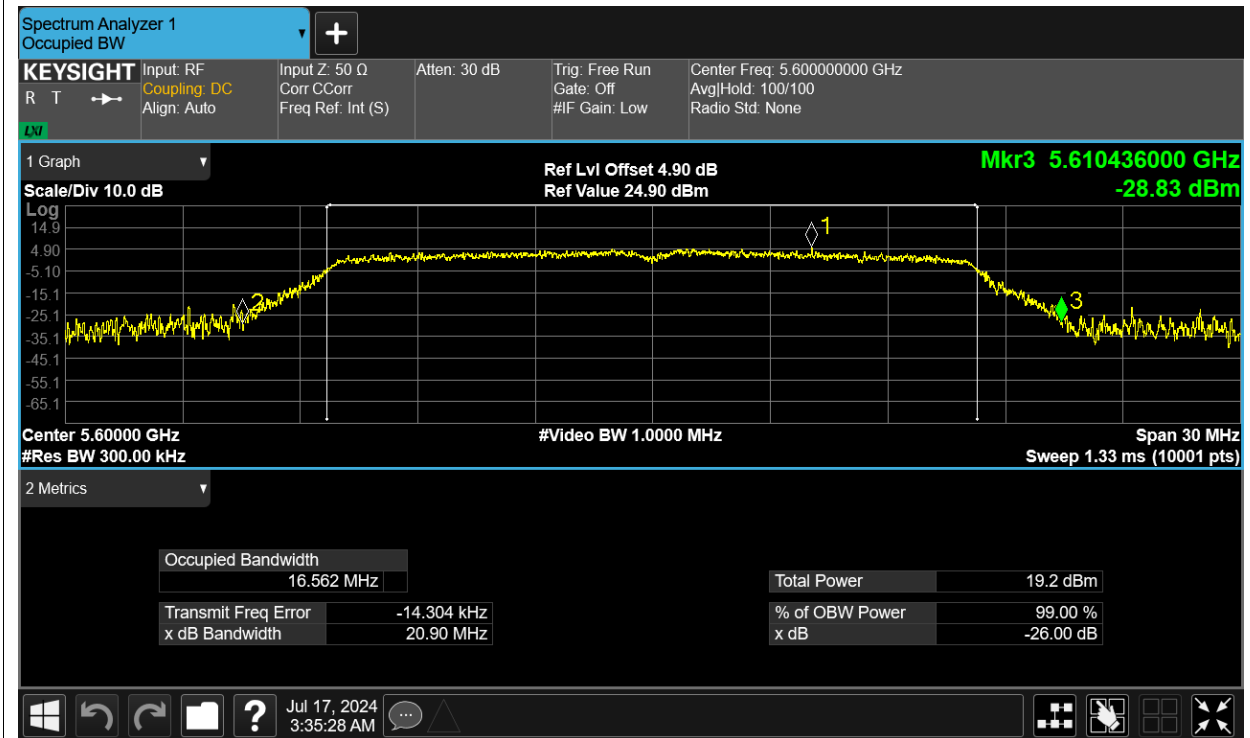
Condition	Mode	Frequency (MHz)	Antenna	-26 dB Bandwidth (MHz)
NVNT	a	5500	Ant1	19.94
NVNT	a	5600	Ant1	20.901
NVNT	a	5700	Ant1	19.882
NVNT	ac20	5500	Ant1	20.208
NVNT	ac20	5600	Ant1	20.306
NVNT	ac20	5700	Ant1	20.347
NVNT	ac40	5510	Ant1	39.927
NVNT	ac40	5590	Ant1	39.555
NVNT	ac40	5670	Ant1	39.754
NVNT	ac80	5530	Ant1	78.537
NVNT	ac80	5610	Ant1	79.04
NVNT	n20	5500	Ant1	20.487
NVNT	n20	5600	Ant1	23.583
NVNT	n20	5700	Ant1	21.783
NVNT	n40	5510	Ant1	39.803
NVNT	n40	5590	Ant1	43.895
NVNT	n40	5670	Ant1	41.878

Test Graphs

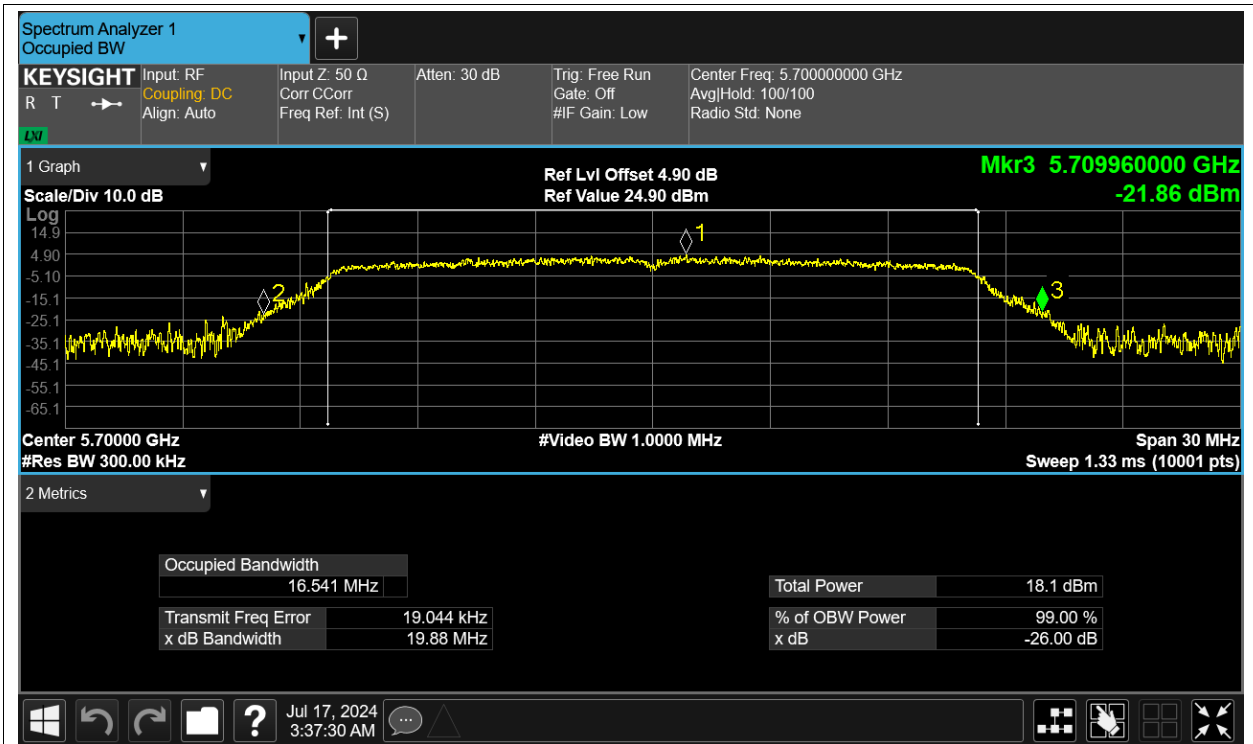
-26dB Bandwidth NVNT a 5500MHz Ant1



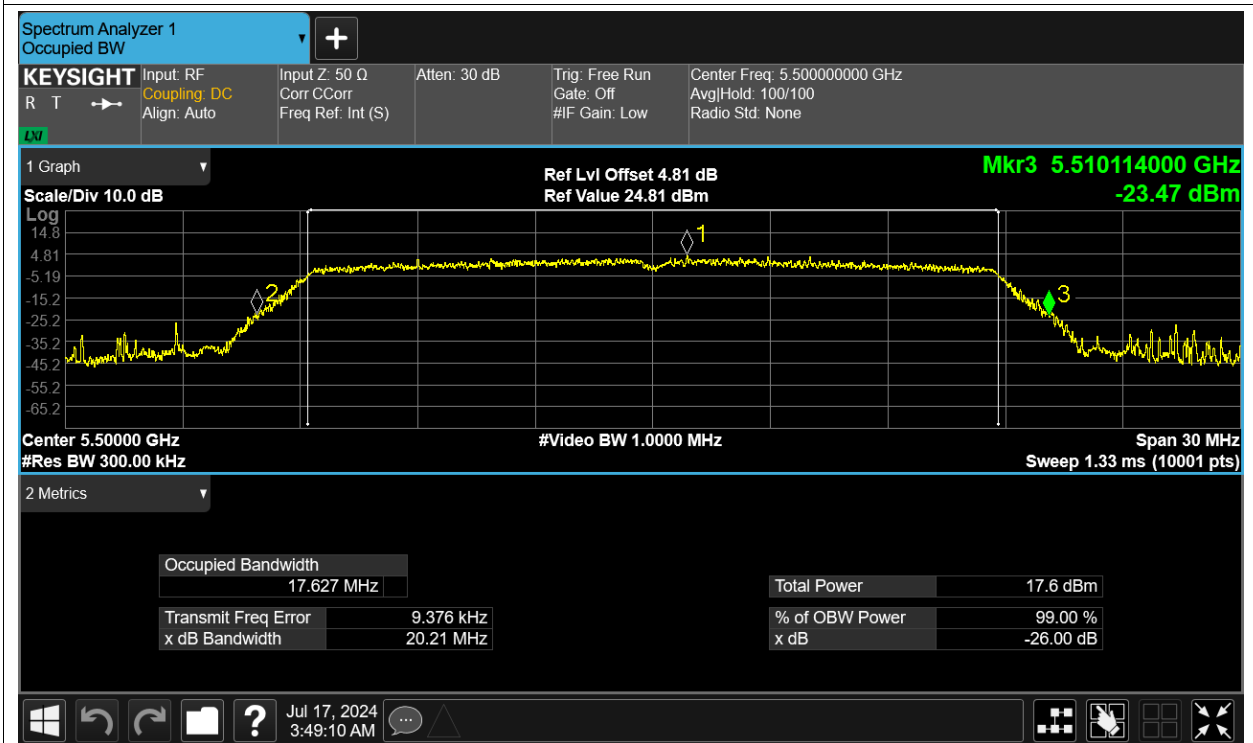
-26dB Bandwidth NVNT a 5600MHz Ant1



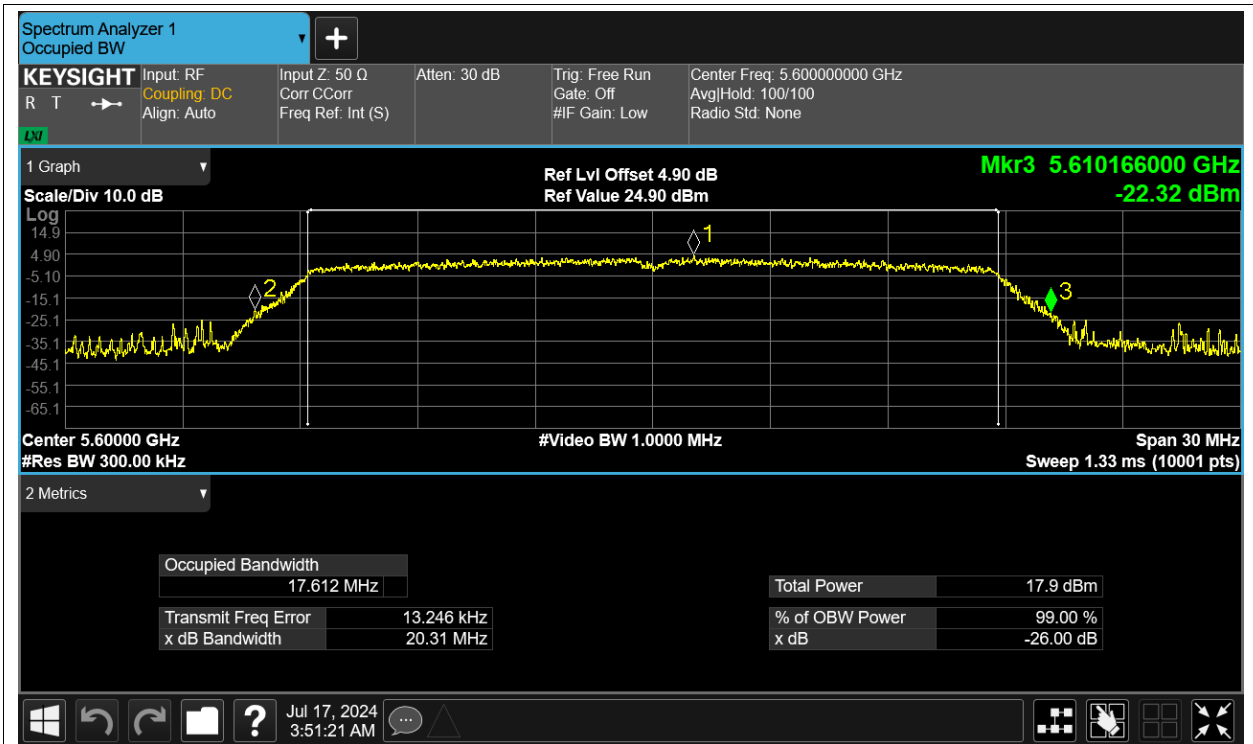
-26dB Bandwidth NVNT a 5700MHz Ant1



-26dB Bandwidth NVNT ac20 5500MHz Ant1



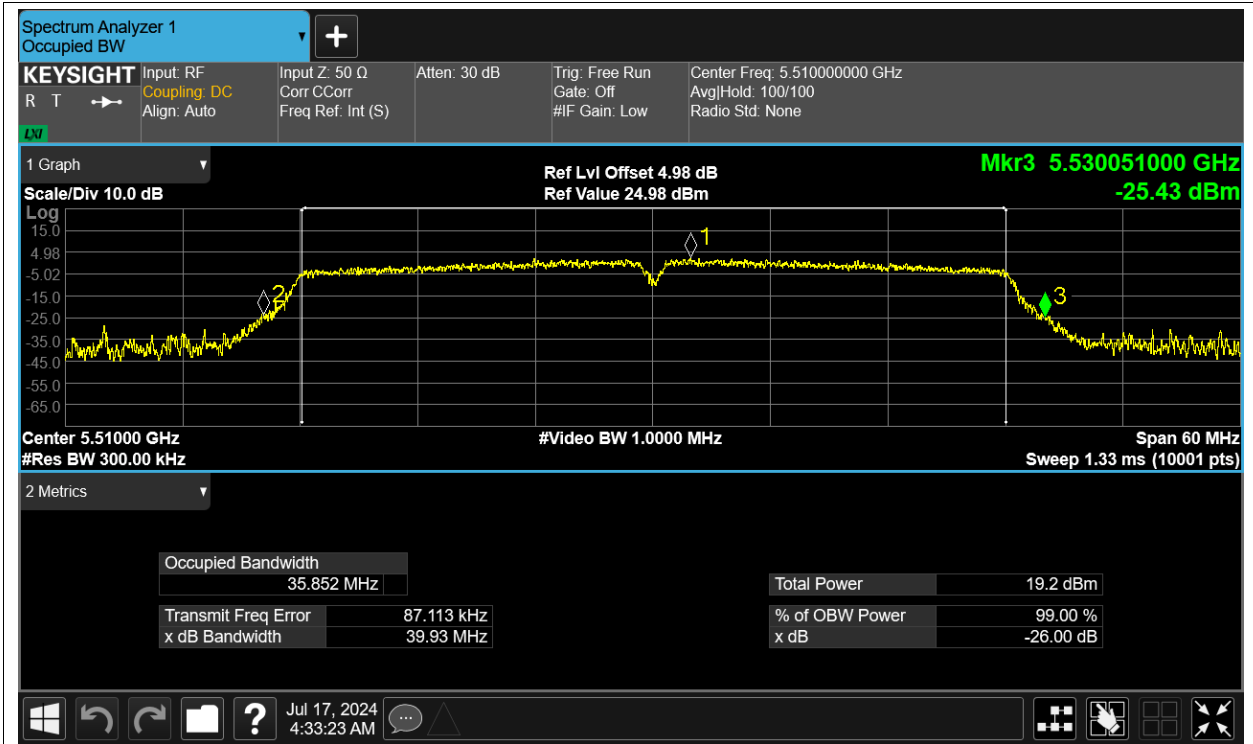
-26dB Bandwidth NVNT ac20 5600MHz Ant1



-26dB Bandwidth NVNT ac20 5700MHz Ant1



-26dB Bandwidth NVNT ac40 5510MHz Ant1



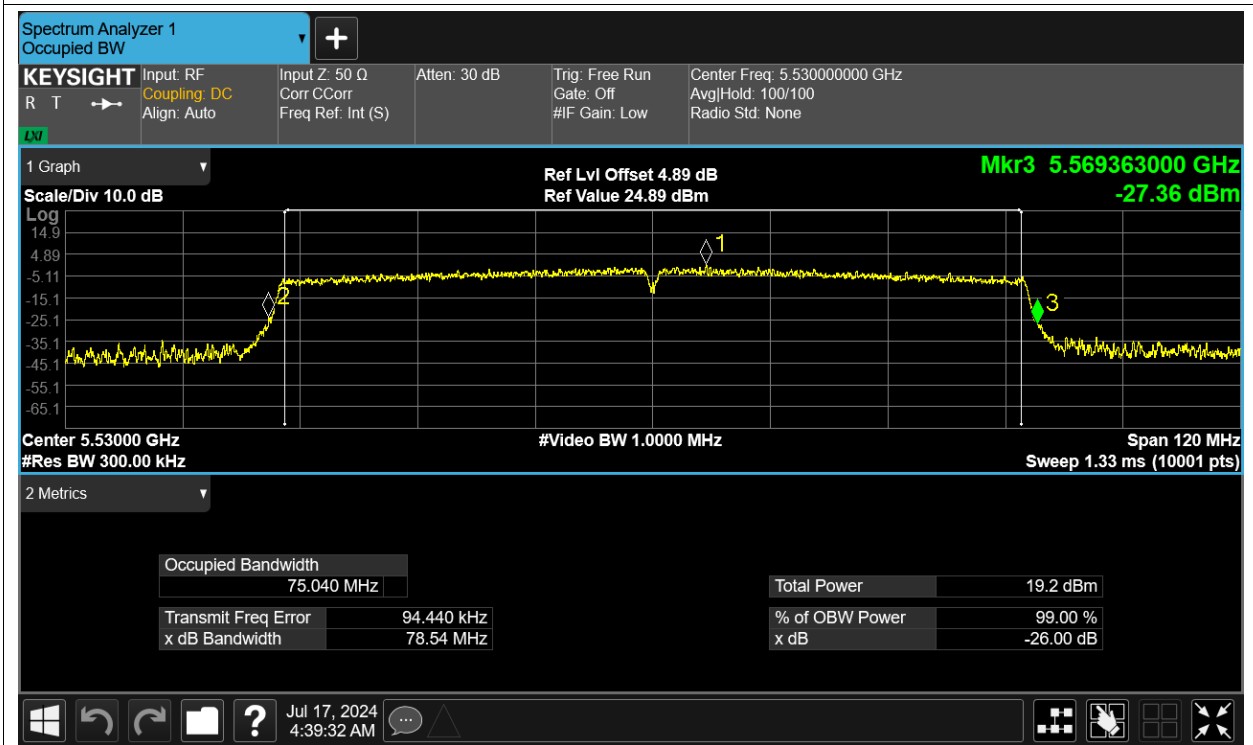
-26dB Bandwidth NVNT ac40 5590MHz Ant1



-26dB Bandwidth NVNT ac40 5670MHz Ant1



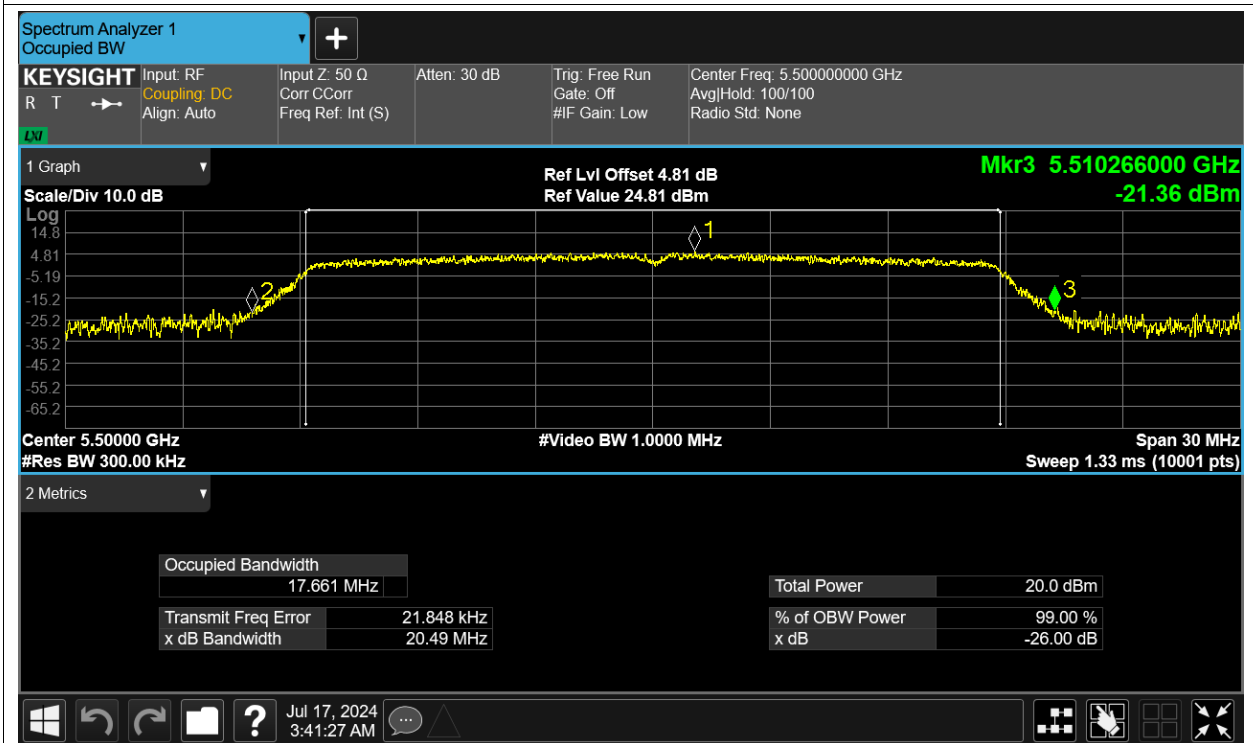
-26dB Bandwidth NVNT ac80 5530MHz Ant1



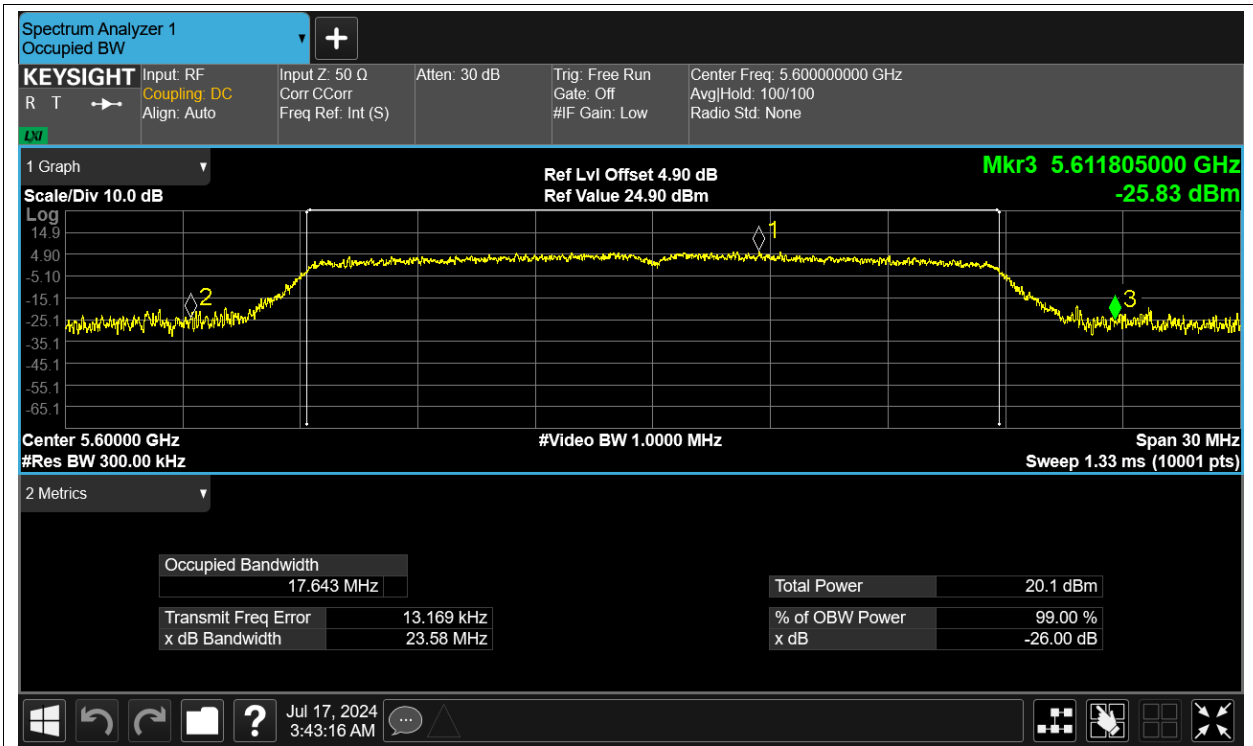
-26dB Bandwidth NVNT ac80 5610MHz Ant1



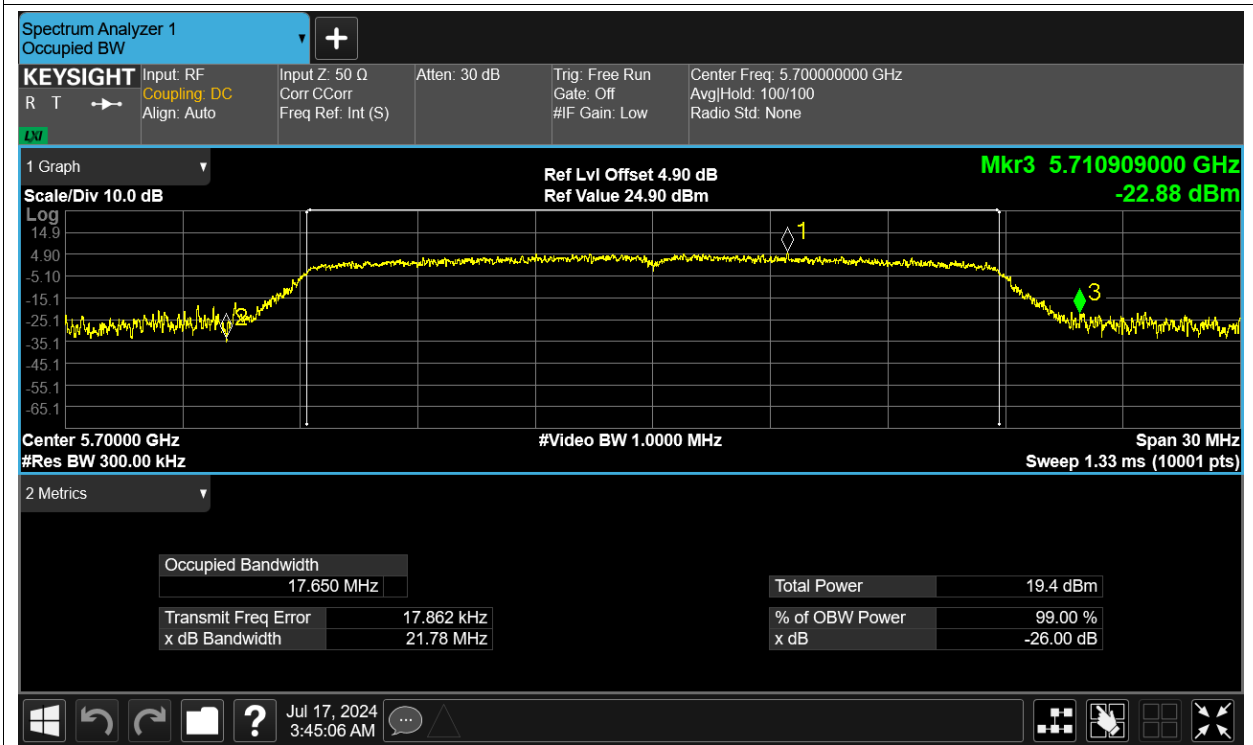
-26dB Bandwidth NVNT n20 5500MHz Ant1



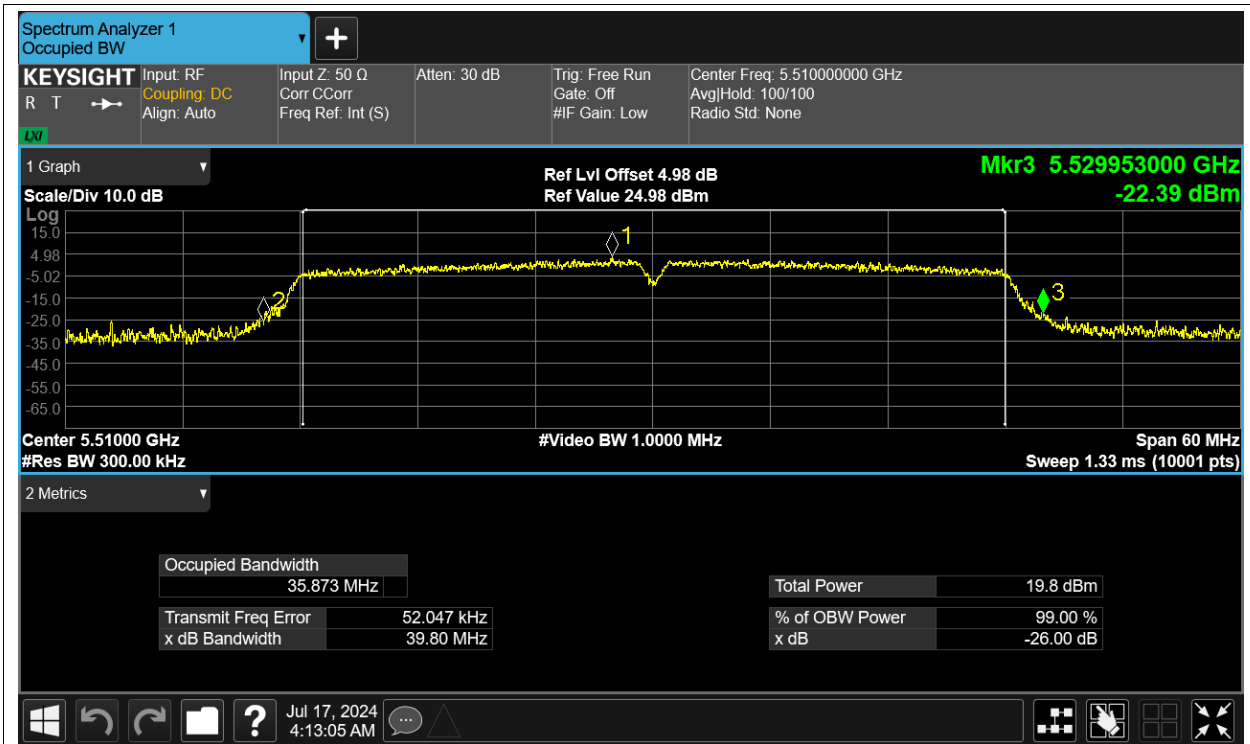
-26dB Bandwidth NVNT n20 5600MHz Ant1



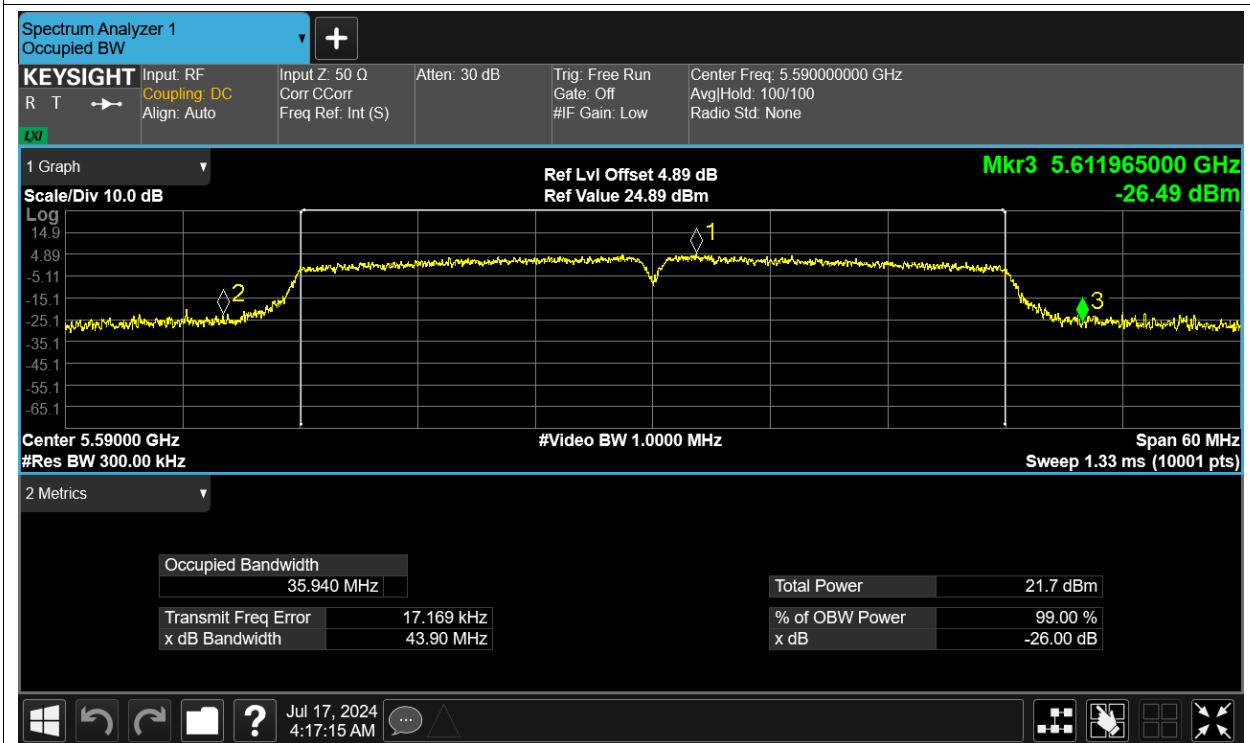
-26dB Bandwidth NVNT n20 5700MHz Ant1



-26dB Bandwidth NVNT n40 5510MHz Ant1



-26dB Bandwidth NVNT n40 5590MHz Ant1



-26dB Bandwidth NVNT n40 5670MHz Ant1

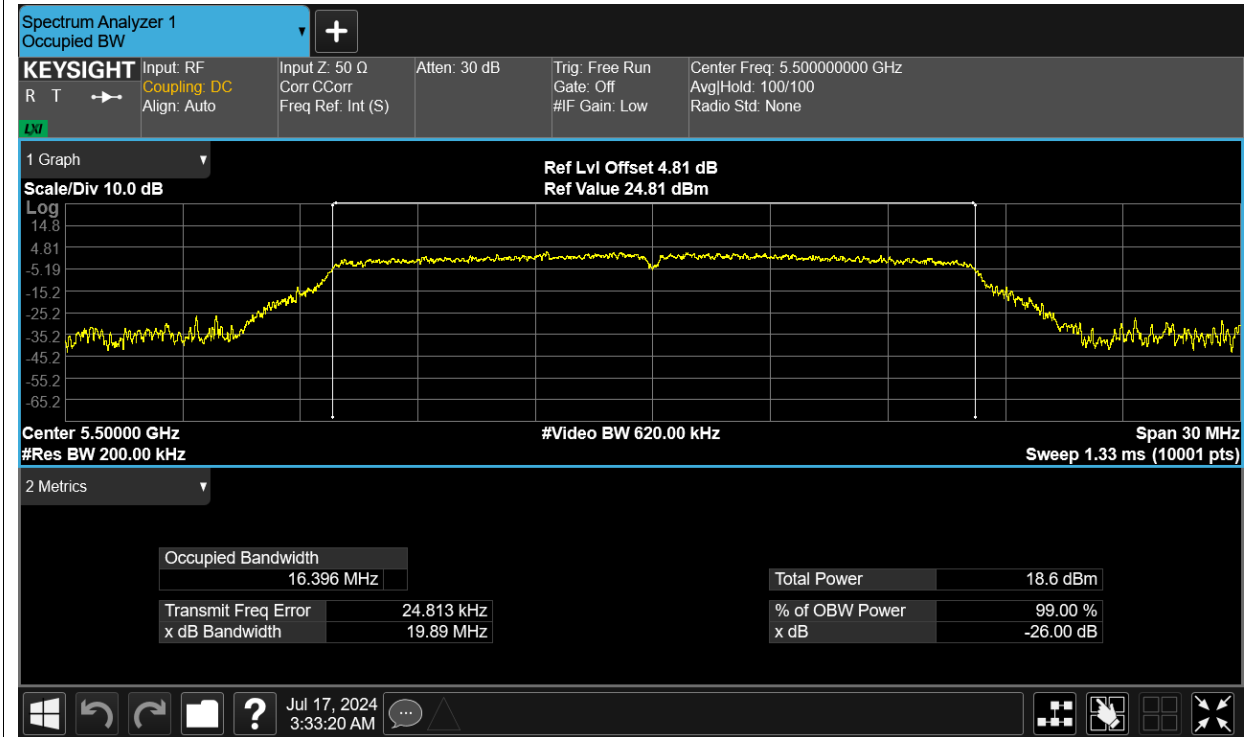


Occupied Channel Bandwidth

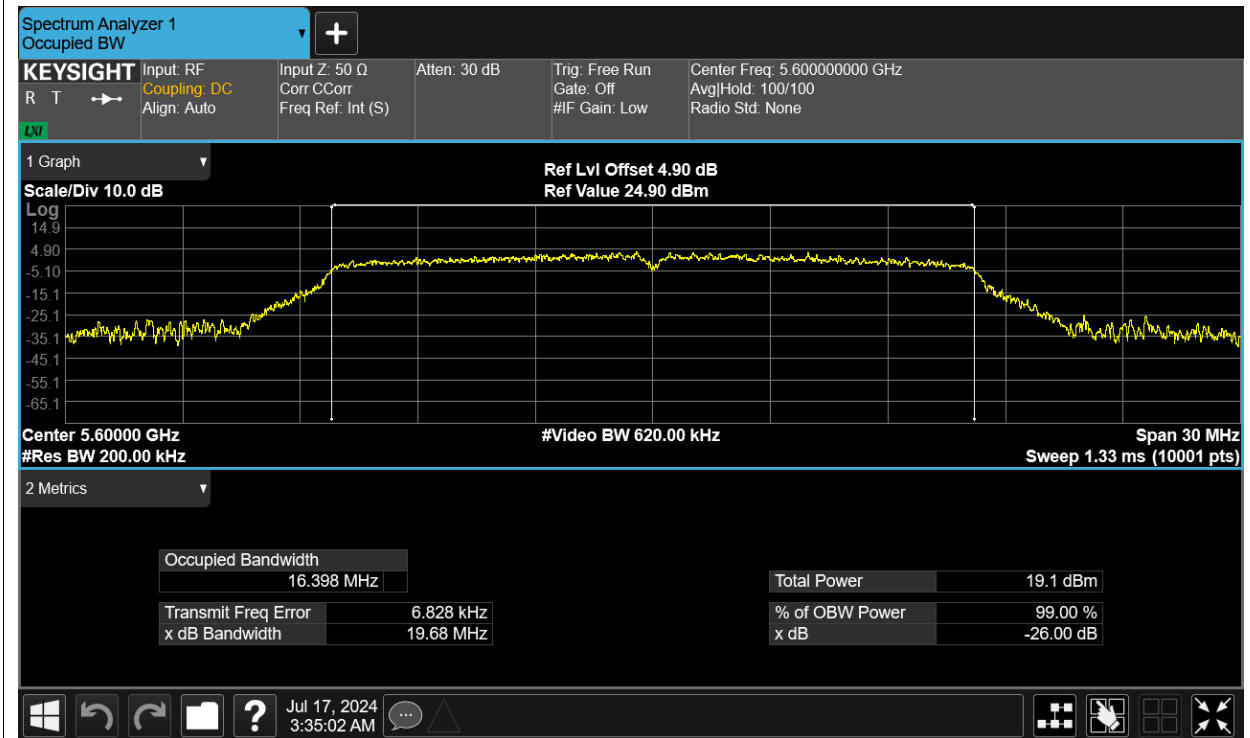
Condition	Mode	Frequency (MHz)	Antenna	99% OBW (MHz)
NVNT	a	5500	Ant1	16.396
NVNT	a	5600	Ant1	16.398
NVNT	a	5700	Ant1	16.426
NVNT	ac20	5500	Ant1	17.569
NVNT	ac20	5600	Ant1	17.574
NVNT	ac20	5700	Ant1	17.557
NVNT	ac40	5510	Ant1	35.924
NVNT	ac40	5590	Ant1	35.936
NVNT	ac40	5670	Ant1	35.989
NVNT	ac80	5530	Ant1	74.966
NVNT	ac80	5610	Ant1	75.045
NVNT	n20	5500	Ant1	17.583
NVNT	n20	5600	Ant1	17.602
NVNT	n20	5700	Ant1	17.593
NVNT	n40	5510	Ant1	35.953
NVNT	n40	5590	Ant1	35.997
NVNT	n40	5670	Ant1	36.068

Test Graphs

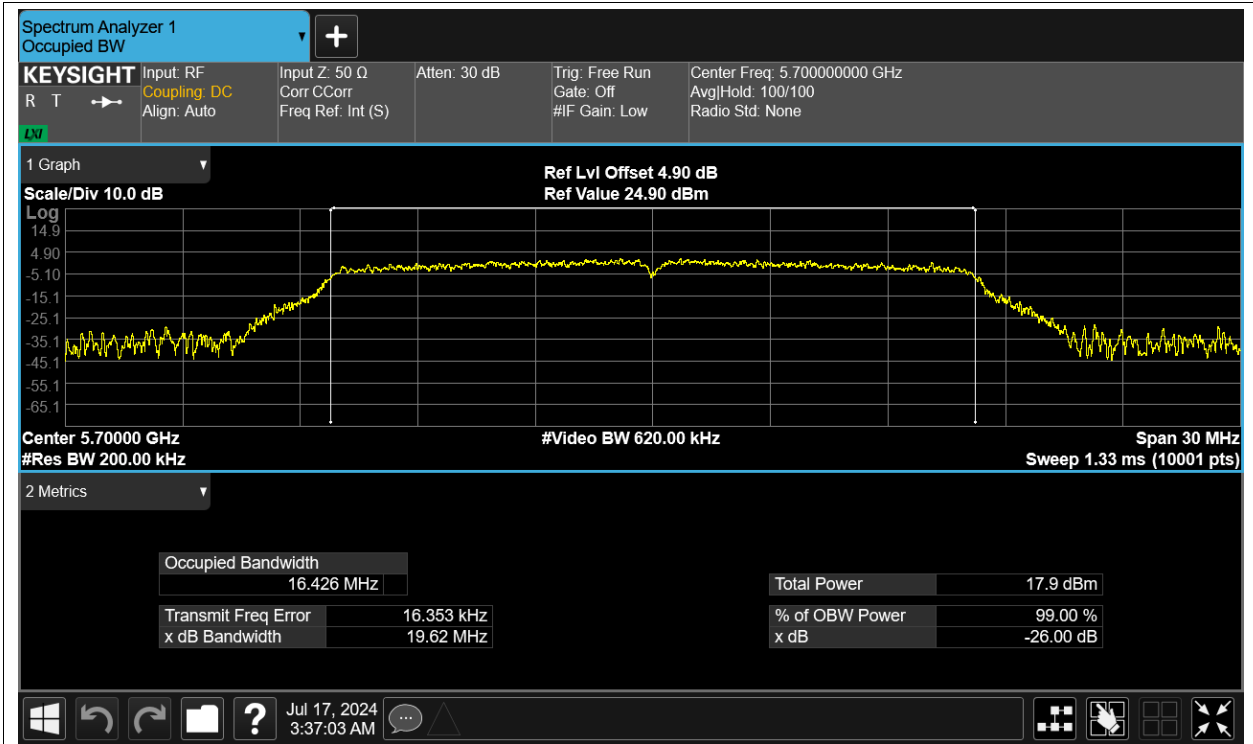
OBW NVNT a 5500MHz Ant1



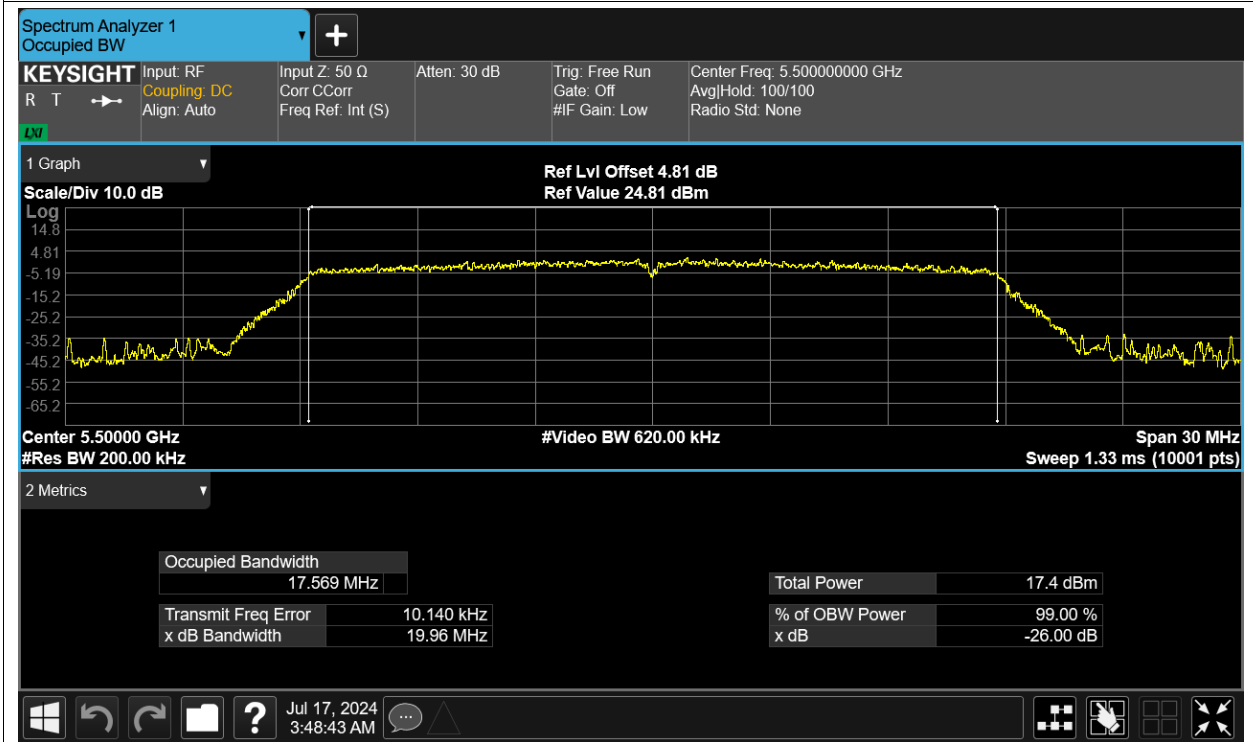
OBW NVNT a 5600MHz Ant1



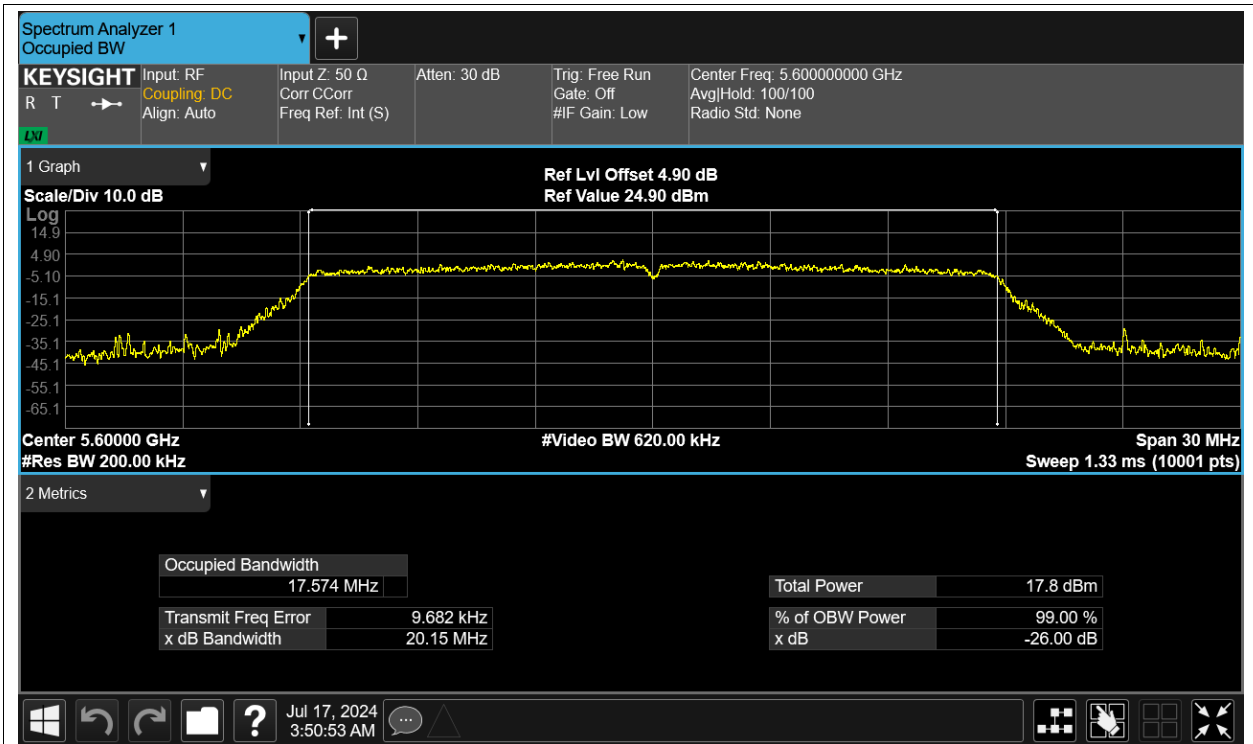
OBW NVNT a 5700MHz Ant1



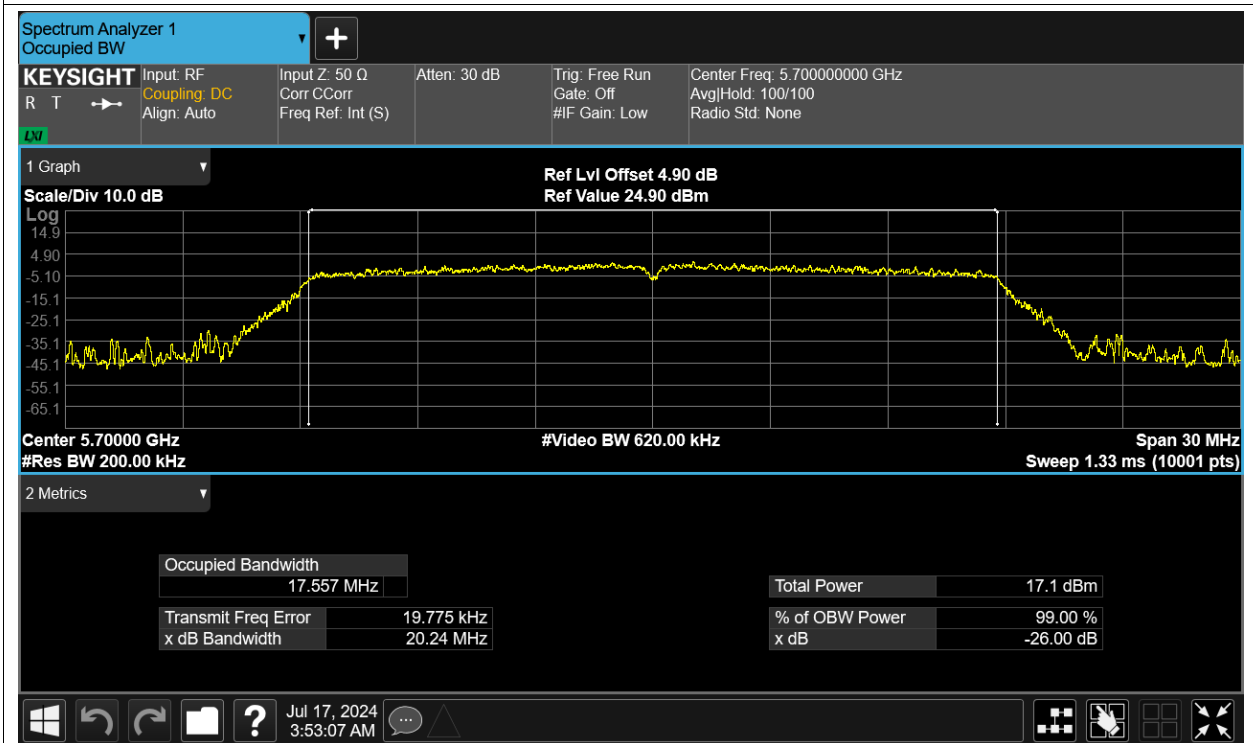
OBW NVNT ac20 5500MHz Ant1



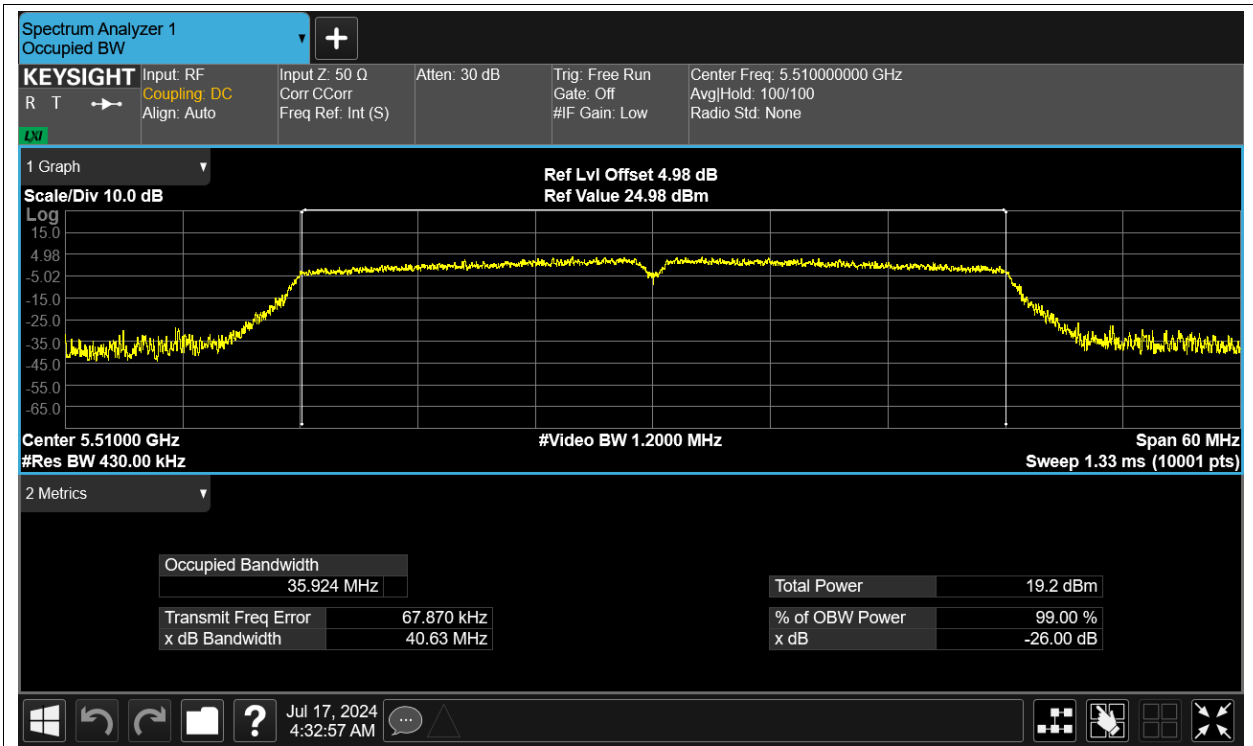
OBW NVNT ac20 5600MHz Ant1



OBW NVNT ac20 5700MHz Ant1



OBW NVNT ac40 5510MHz Ant1



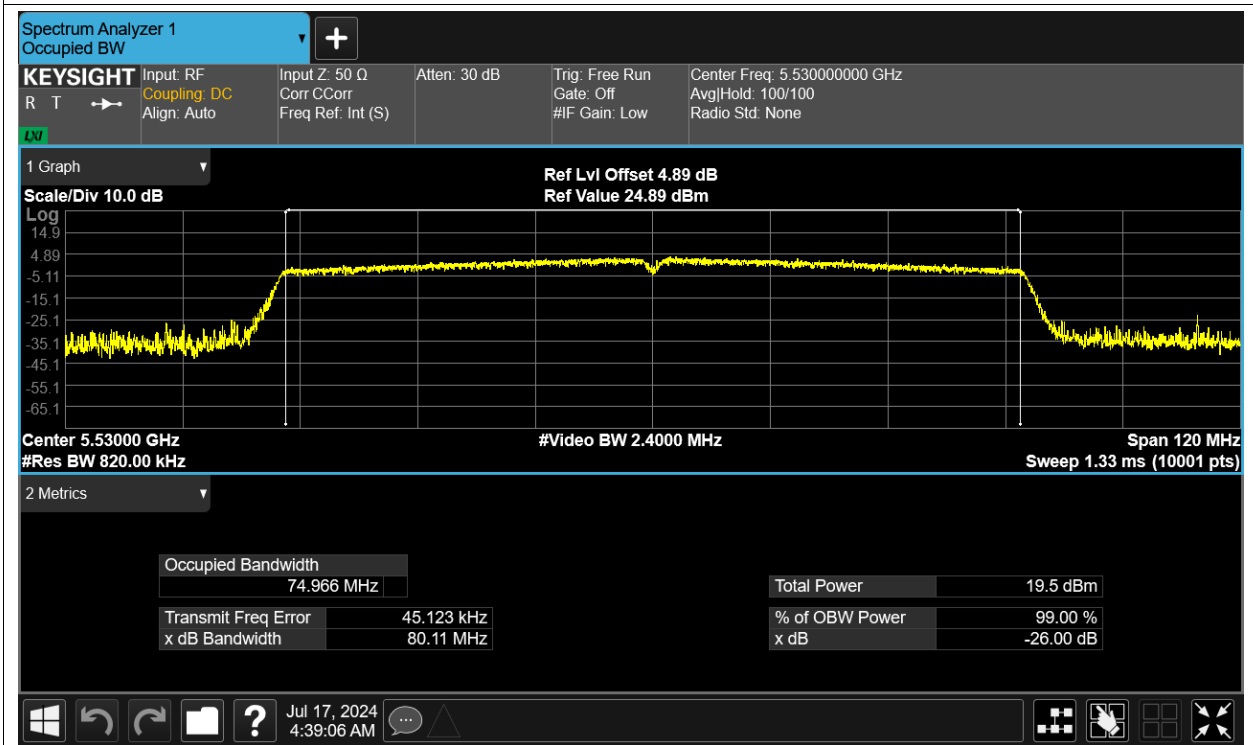
OBW NVNT ac40 5590MHz Ant1



OBW NVNT ac40 5670MHz Ant1



OBW NVNT ac80 5530MHz Ant1



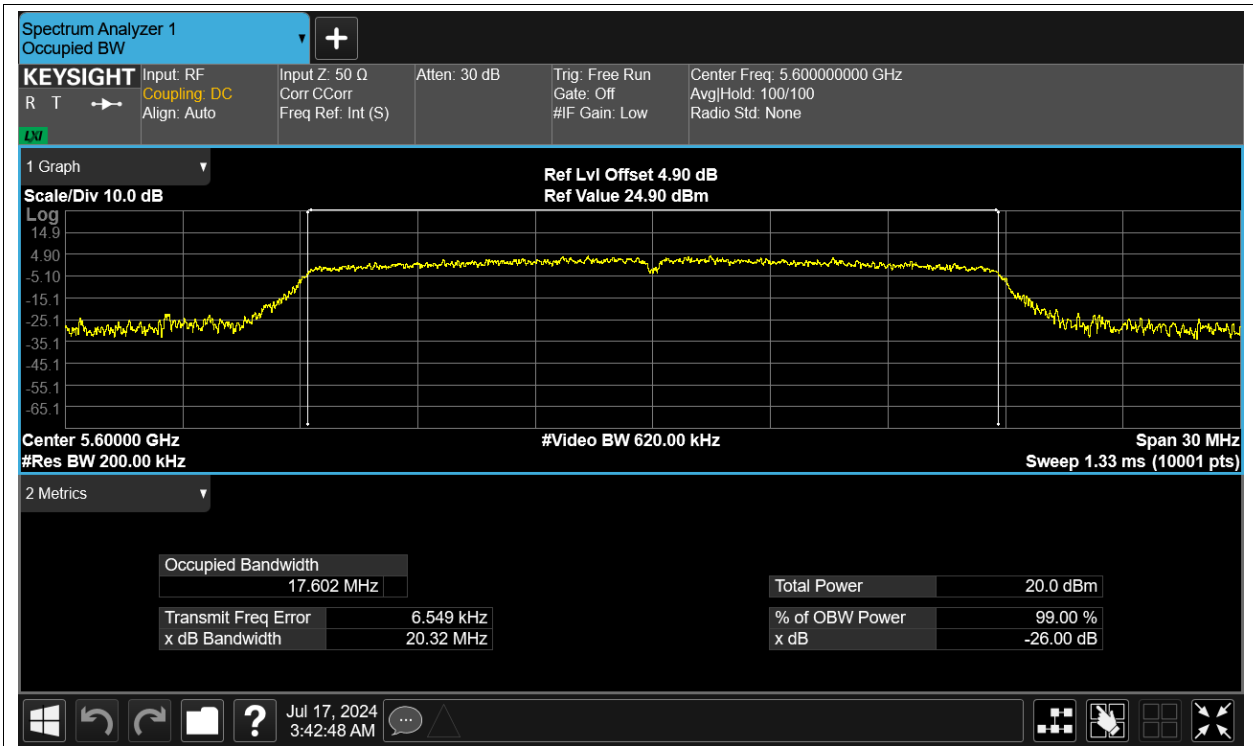
OBW NVNT ac80 5610MHz Ant1



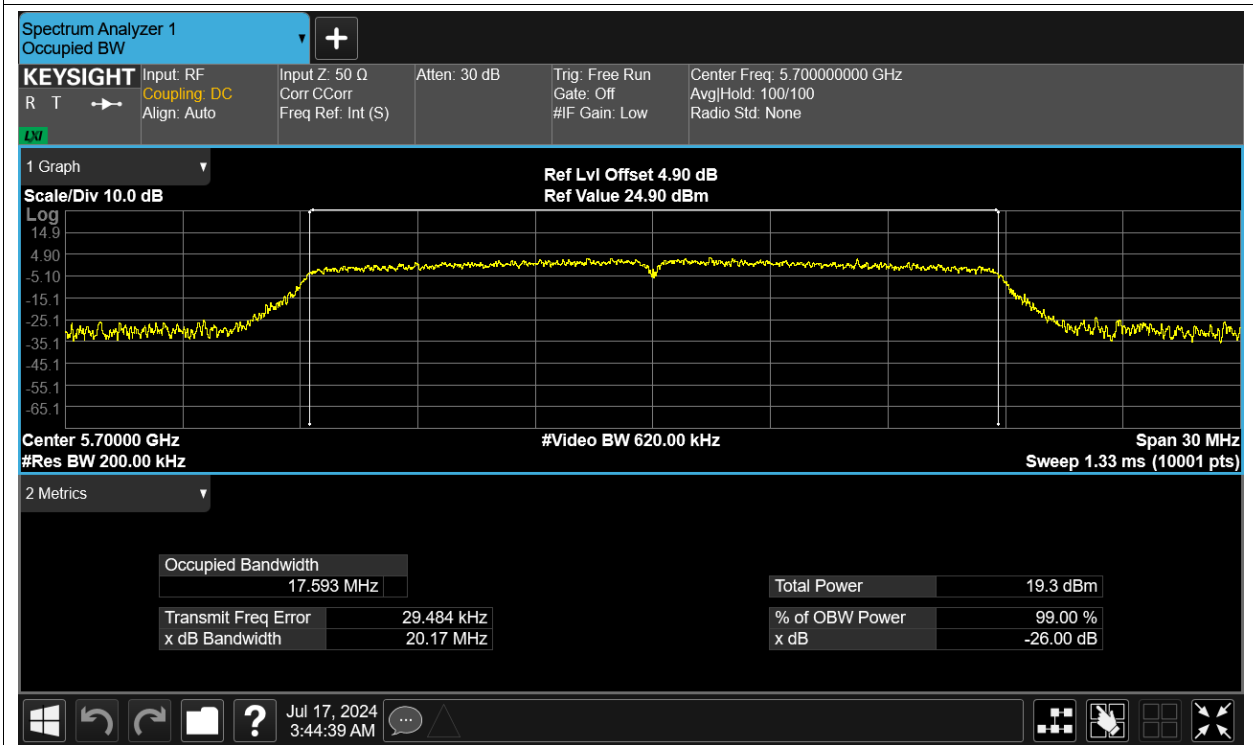
OBW NVNT n20 5500MHz Ant1



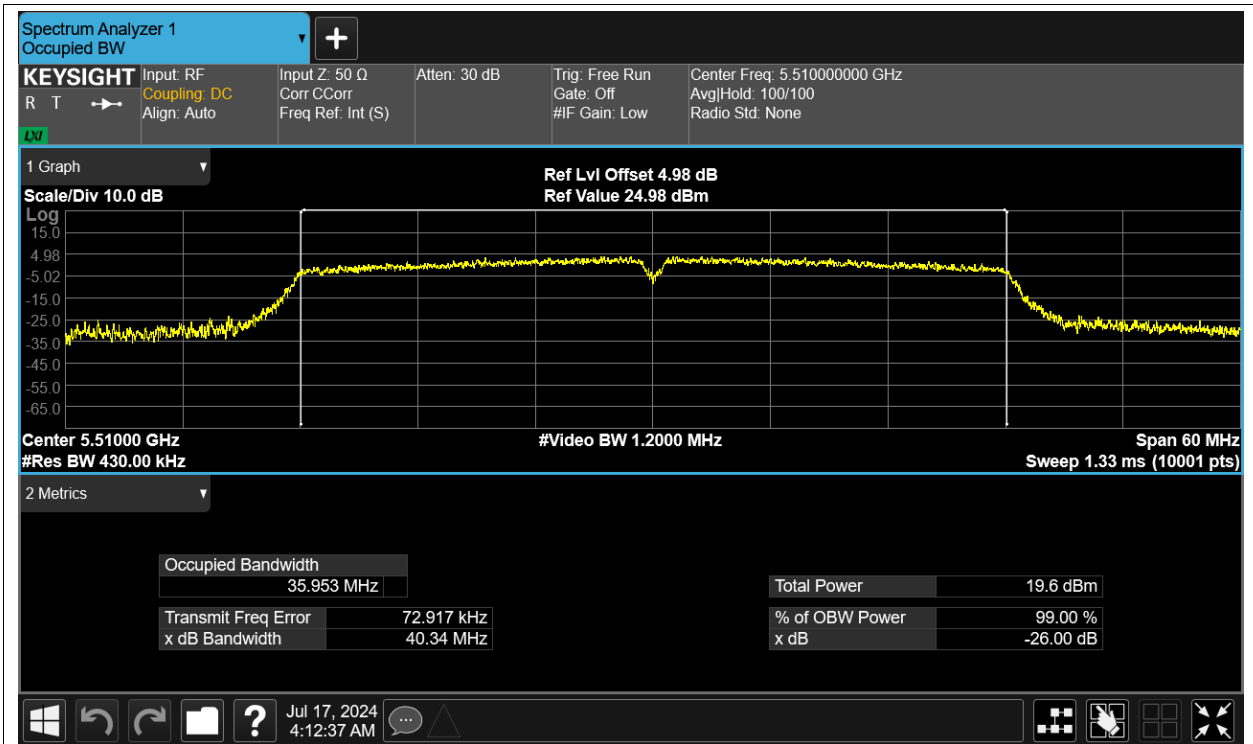
OBW NVNT n20 5600MHz Ant1



OBW NVNT n20 5700MHz Ant1



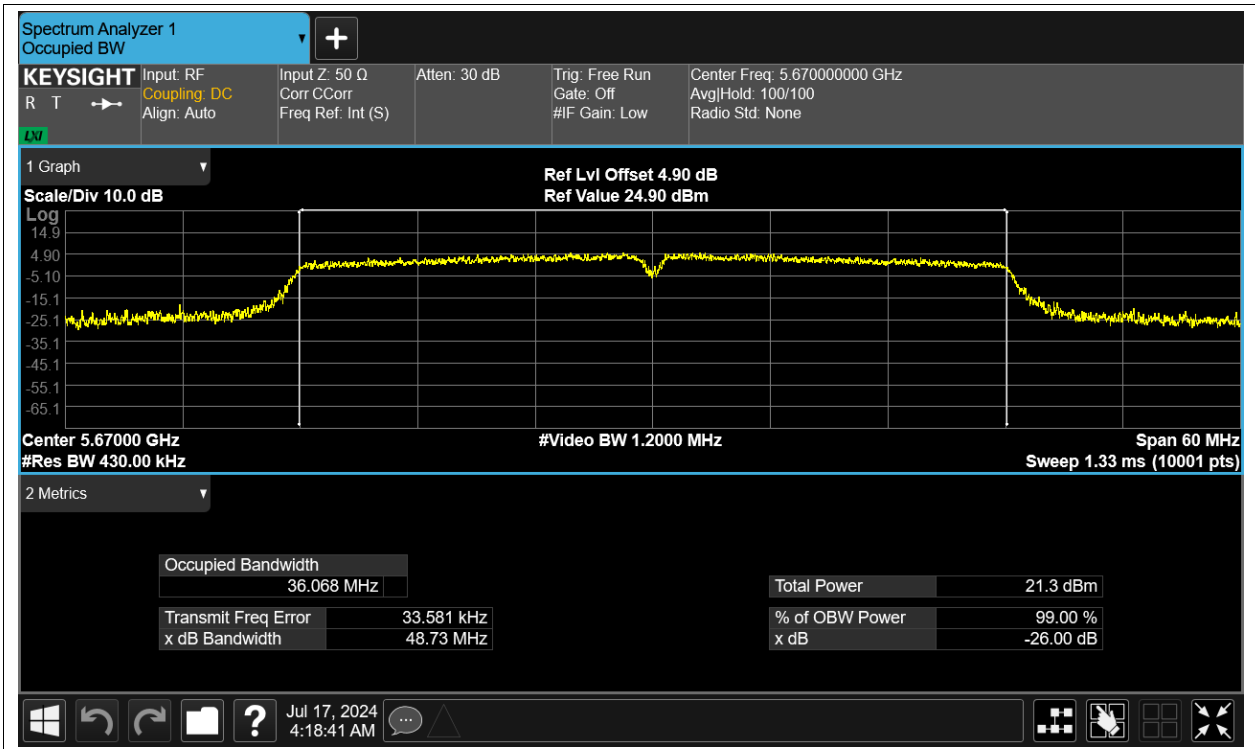
OBW NVNT n40 5510MHz Ant1



OBW NVNT n40 5590MHz Ant1



OBW NVNT n40 5670MHz Ant1

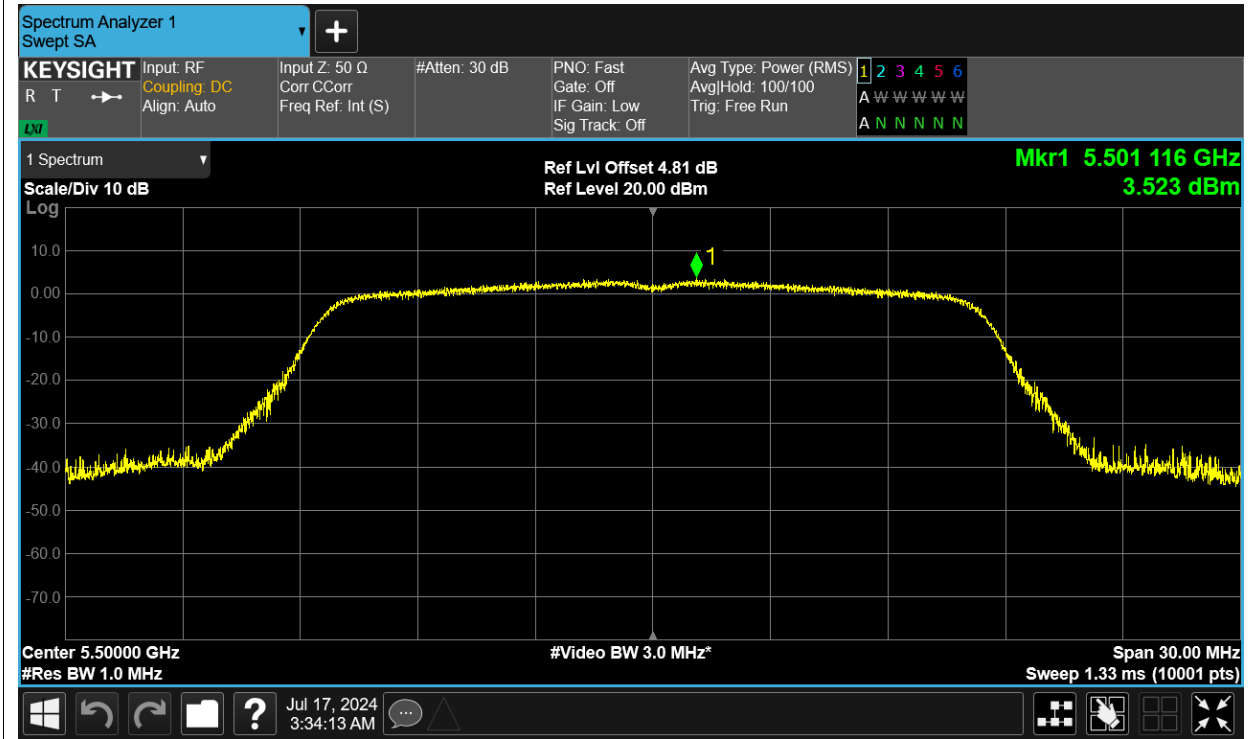


Maximum Power Spectral Density Level

Condition	Mode	Frequency (MHz)	Antenna	Max PSD (dBm)	Limit (dBm)	Verdict
NVNT	a	5500	Ant1	3.523	11	Pass
NVNT	a	5600	Ant1	3.908	11	Pass
NVNT	a	5700	Ant1	3.254	11	Pass
NVNT	ac20	5500	Ant1	2.281	11	Pass
NVNT	ac20	5600	Ant1	2.483	11	Pass
NVNT	ac20	5700	Ant1	1.854	11	Pass
NVNT	ac40	5510	Ant1	0.869	11	Pass
NVNT	ac40	5590	Ant1	0.583	11	Pass
NVNT	ac40	5670	Ant1	-0.104	11	Pass
NVNT	ac80	5530	Ant1	-2.723	11	Pass
NVNT	ac80	5610	Ant1	-2.702	11	Pass
NVNT	n20	5500	Ant1	4.822	11	Pass
NVNT	n20	5600	Ant1	4.491	11	Pass
NVNT	n20	5700	Ant1	4.259	11	Pass
NVNT	n40	5510	Ant1	1.236	11	Pass
NVNT	n40	5590	Ant1	3.524	11	Pass
NVNT	n40	5670	Ant1	2.976	11	Pass

Test Graphs

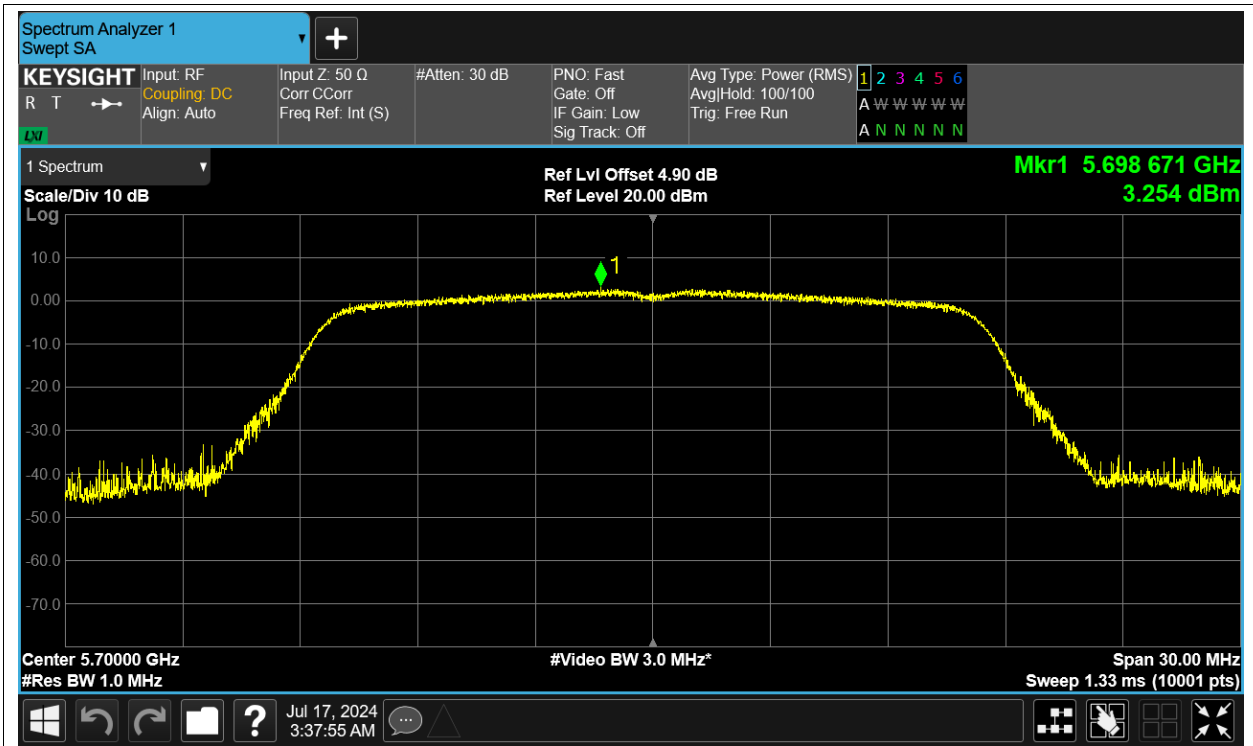
PSD NVNT a 5500MHz Ant1



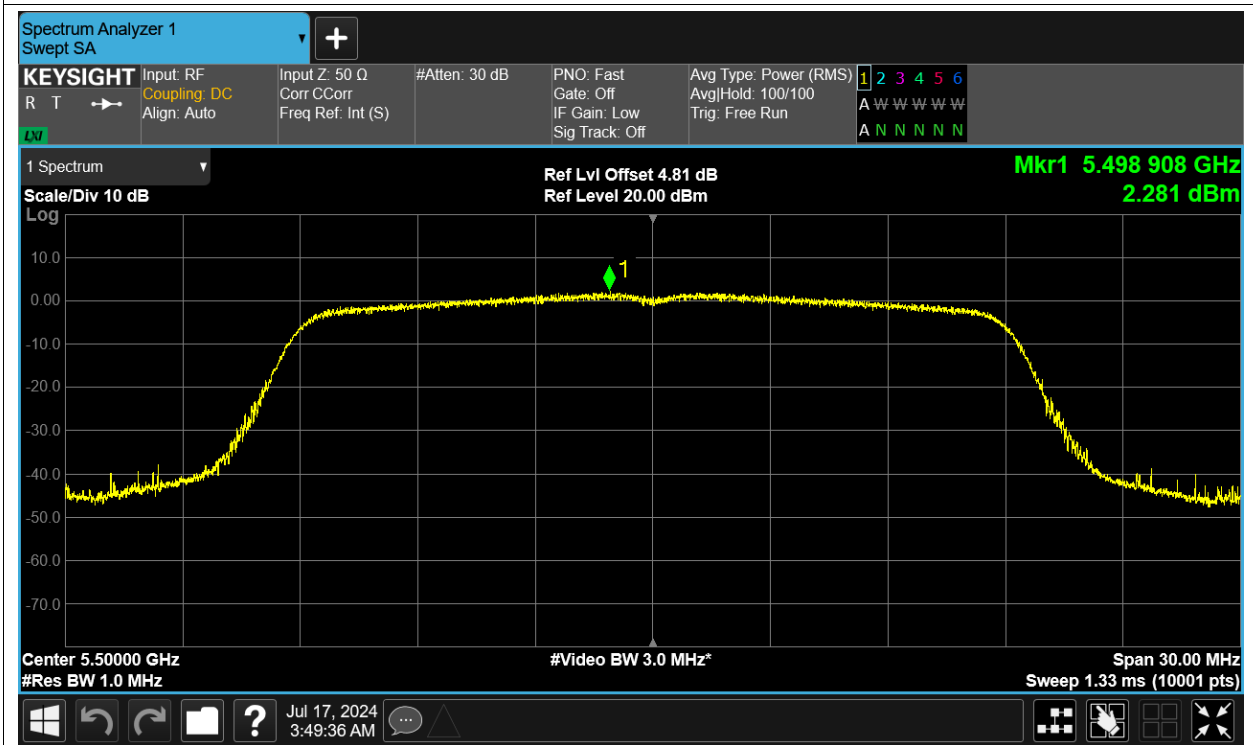
PSD NVNT a 5600MHz Ant1



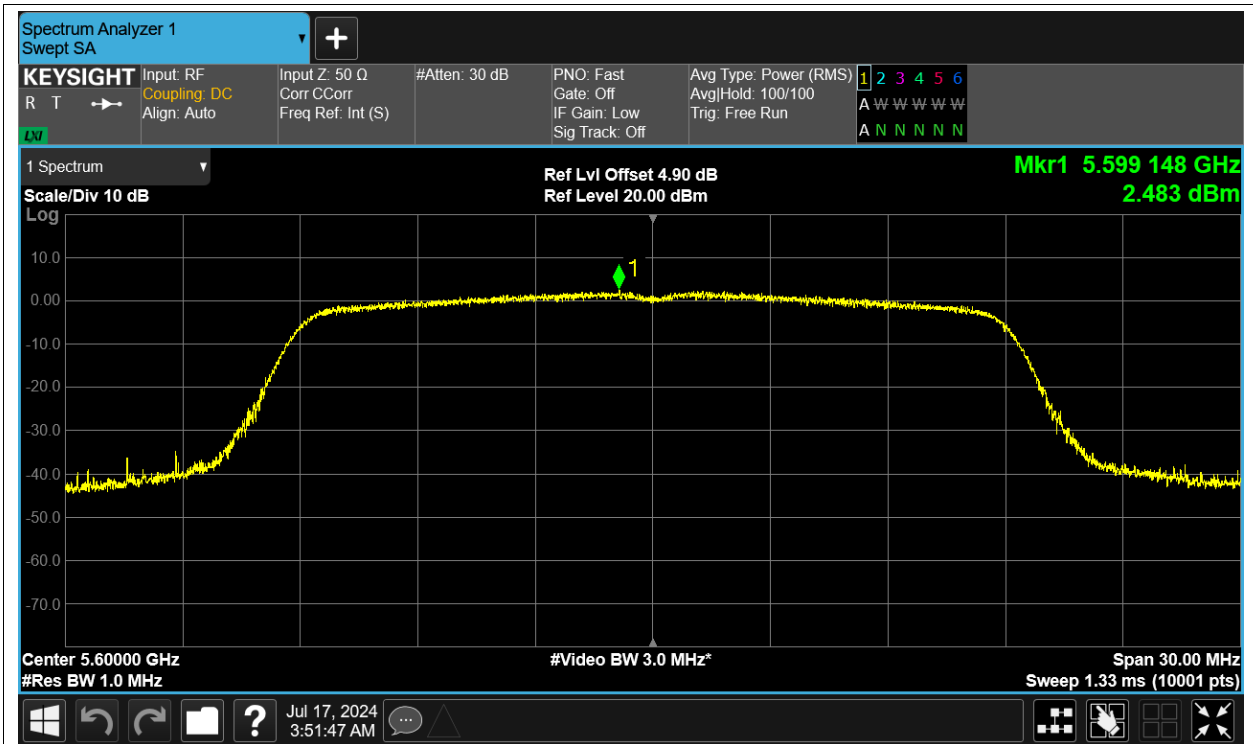
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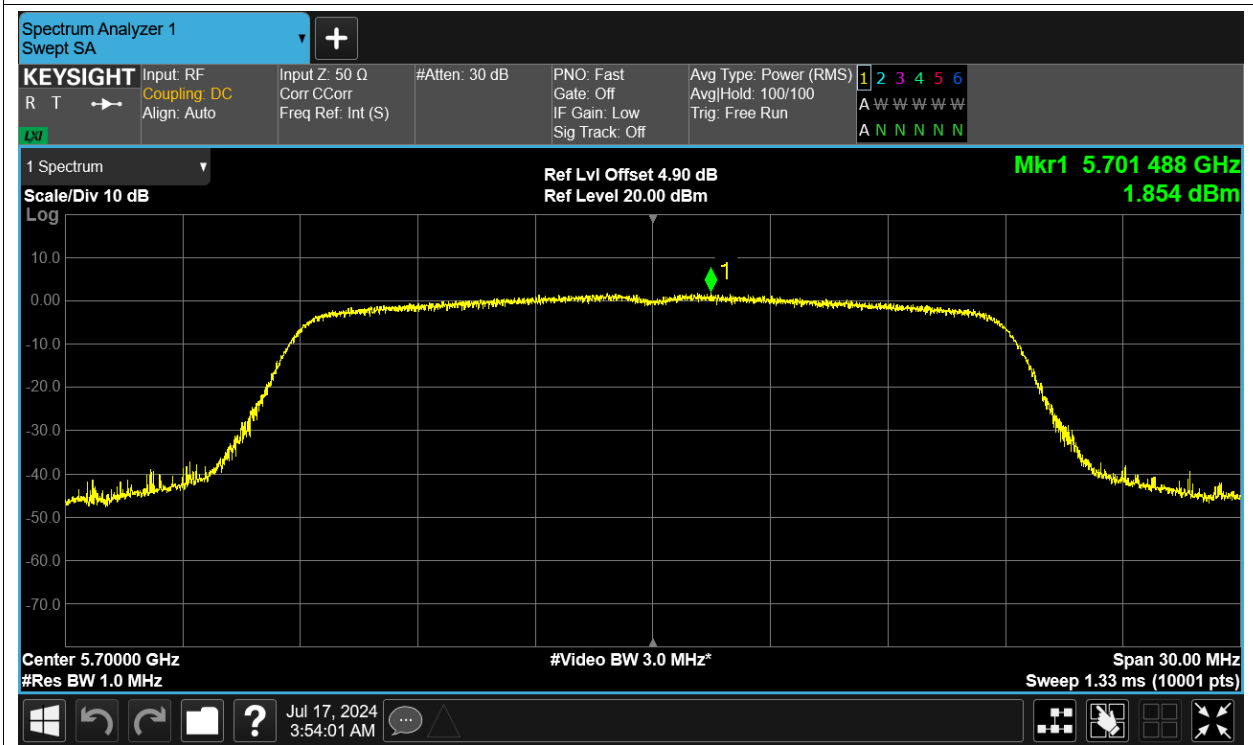
PSD NVNT ac20 5500MHz Ant1



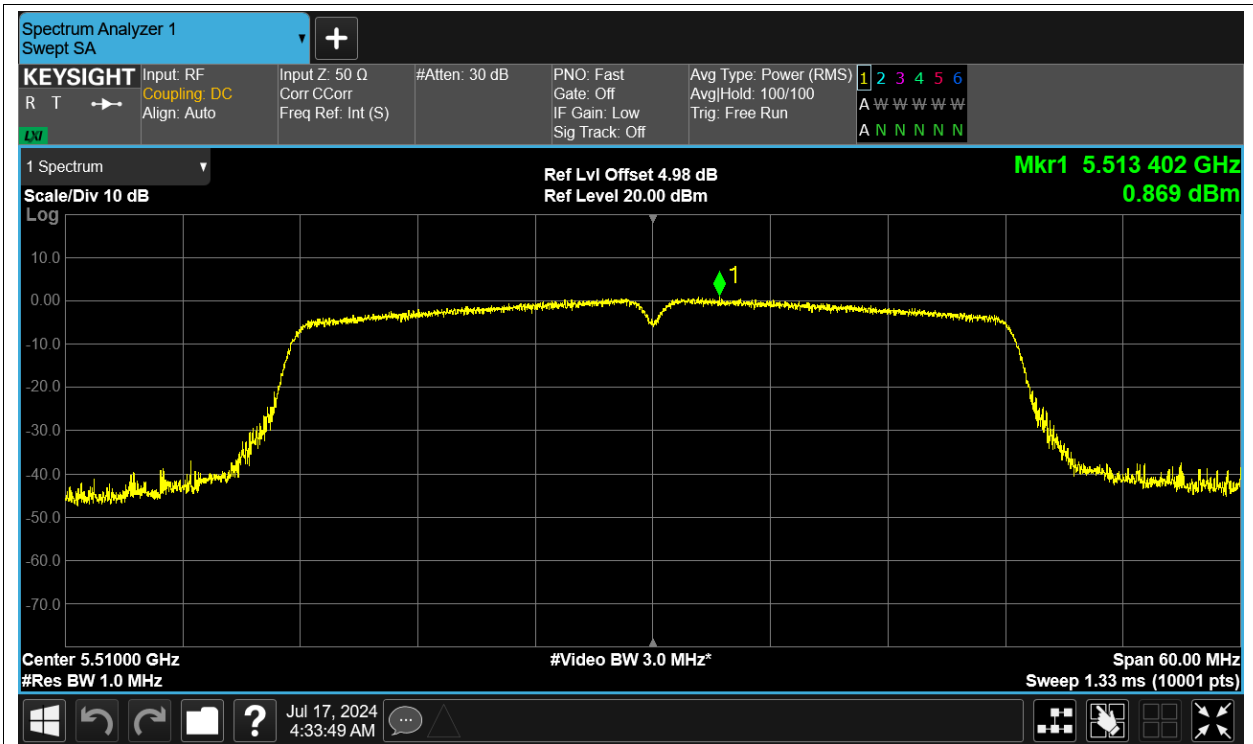
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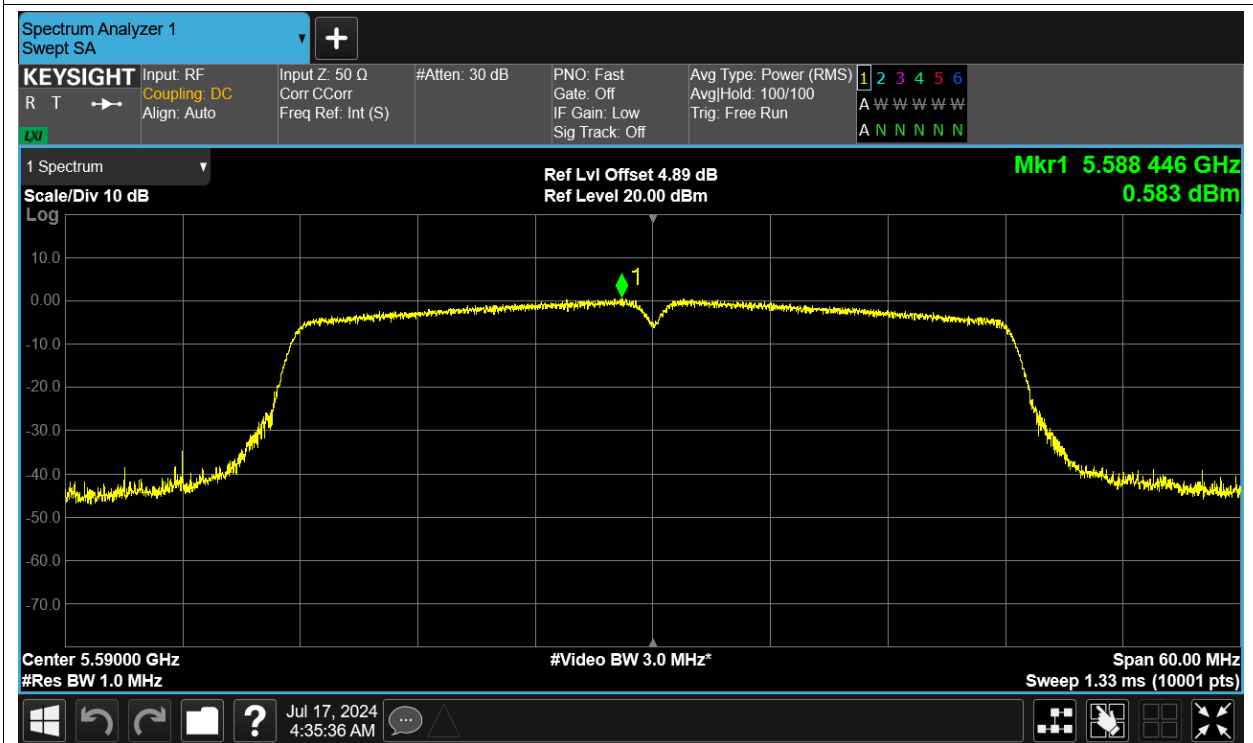
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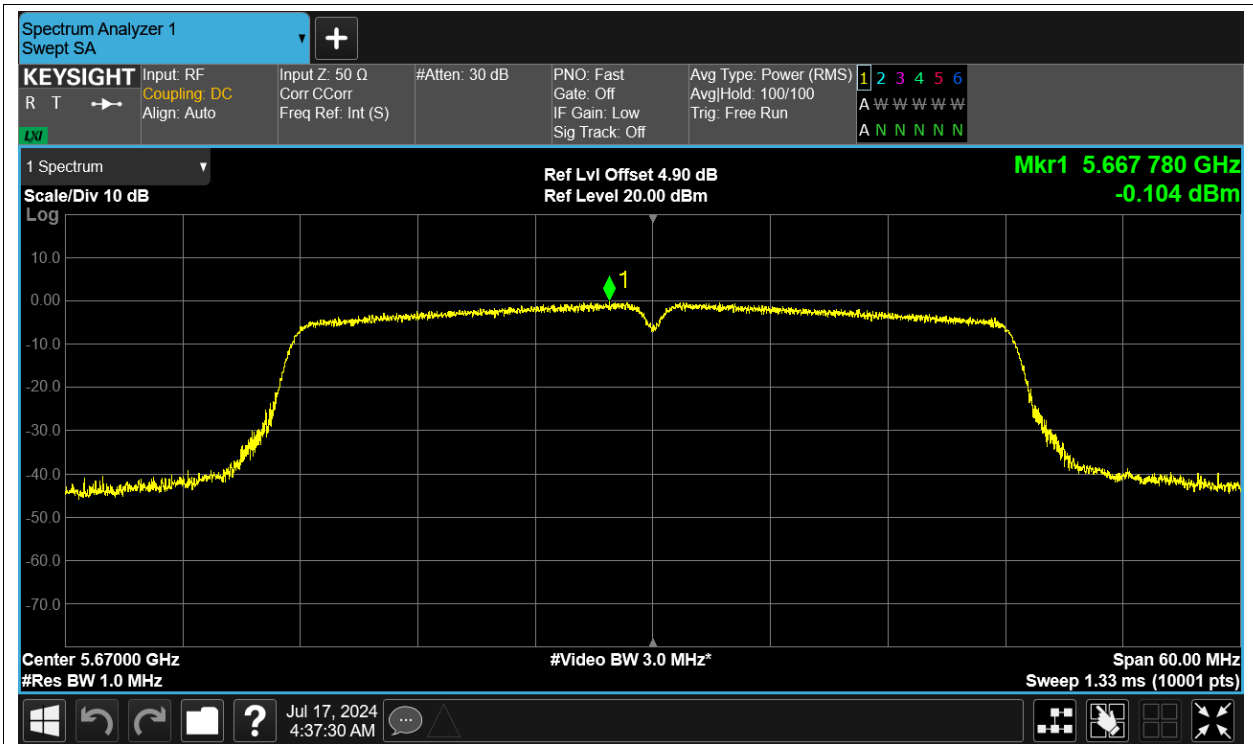
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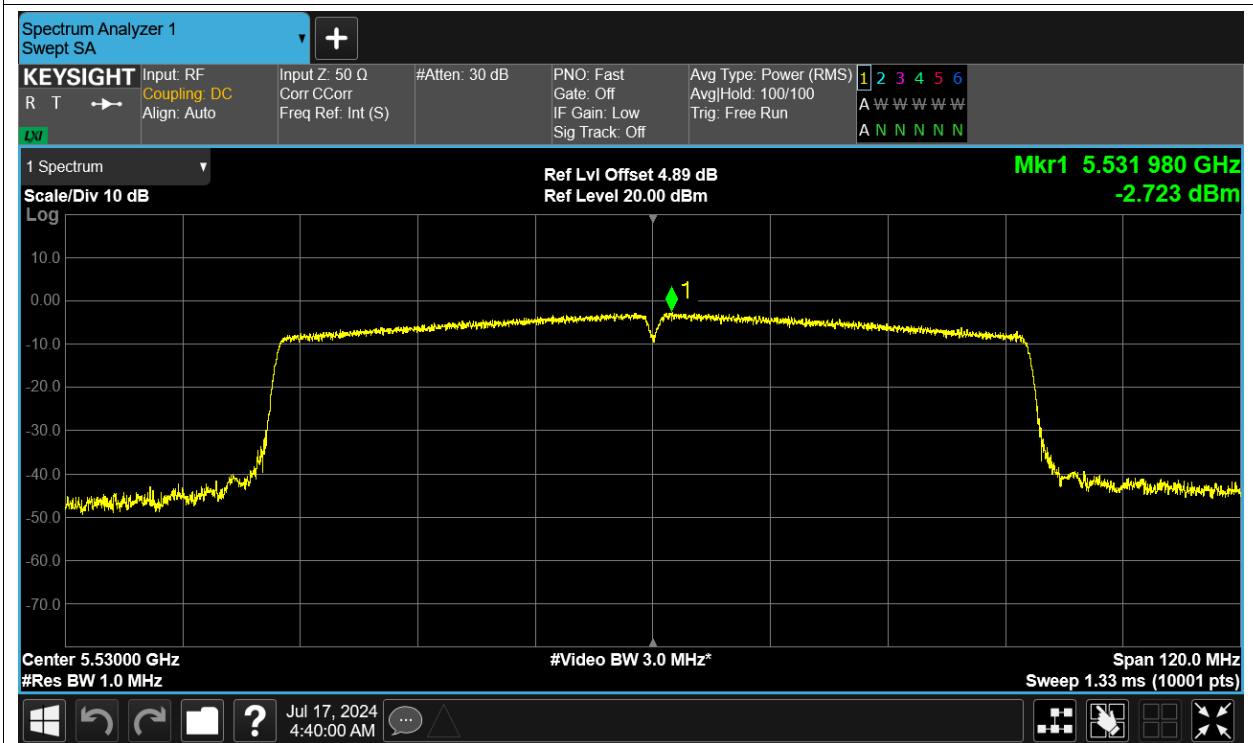
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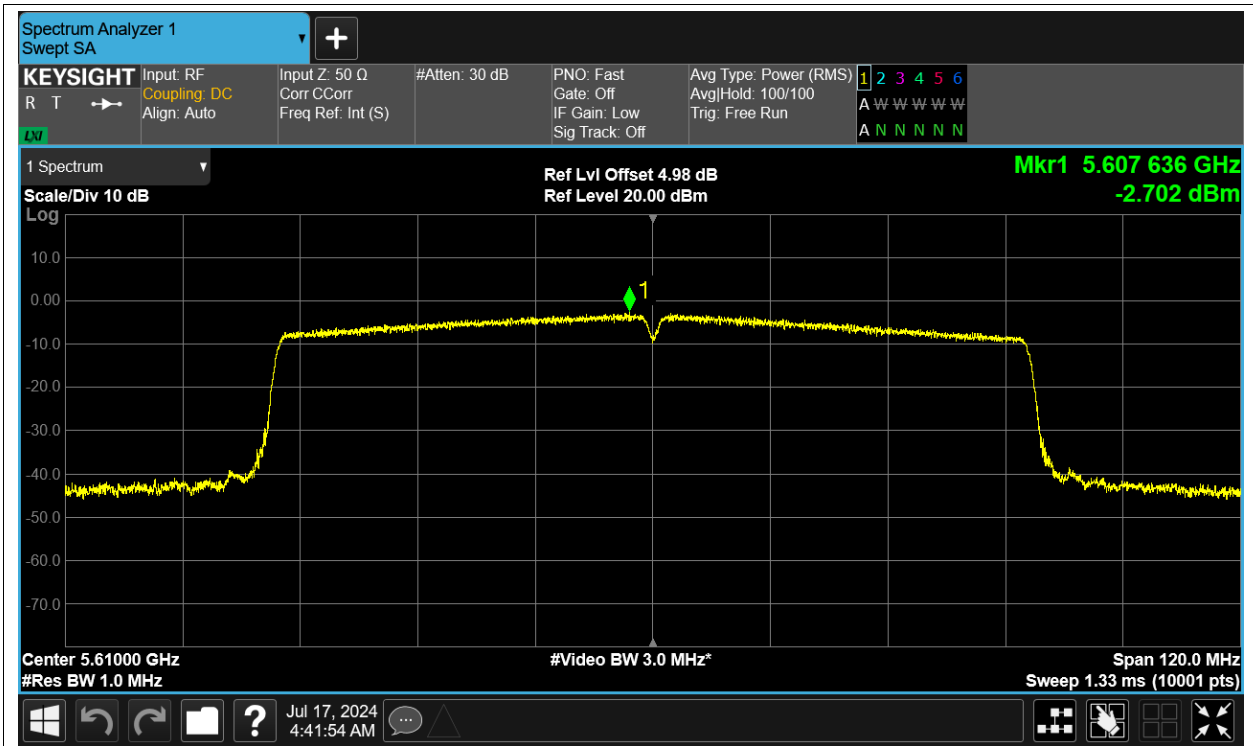
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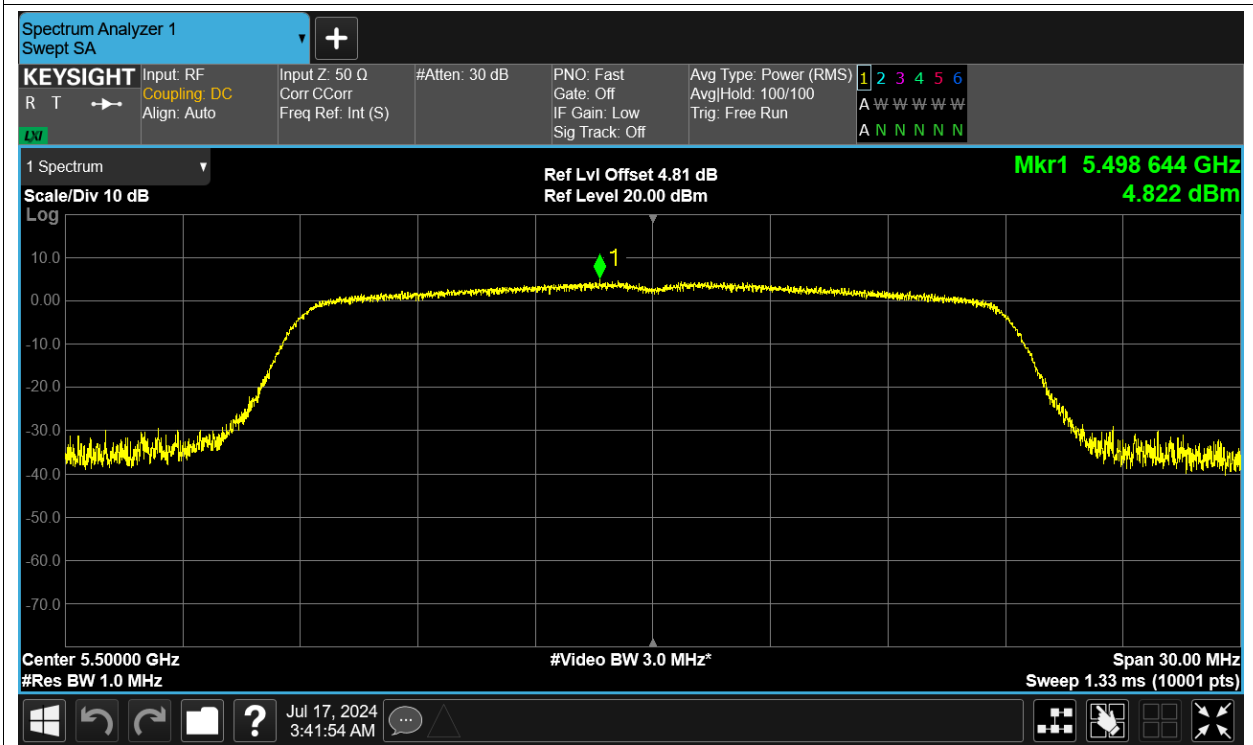
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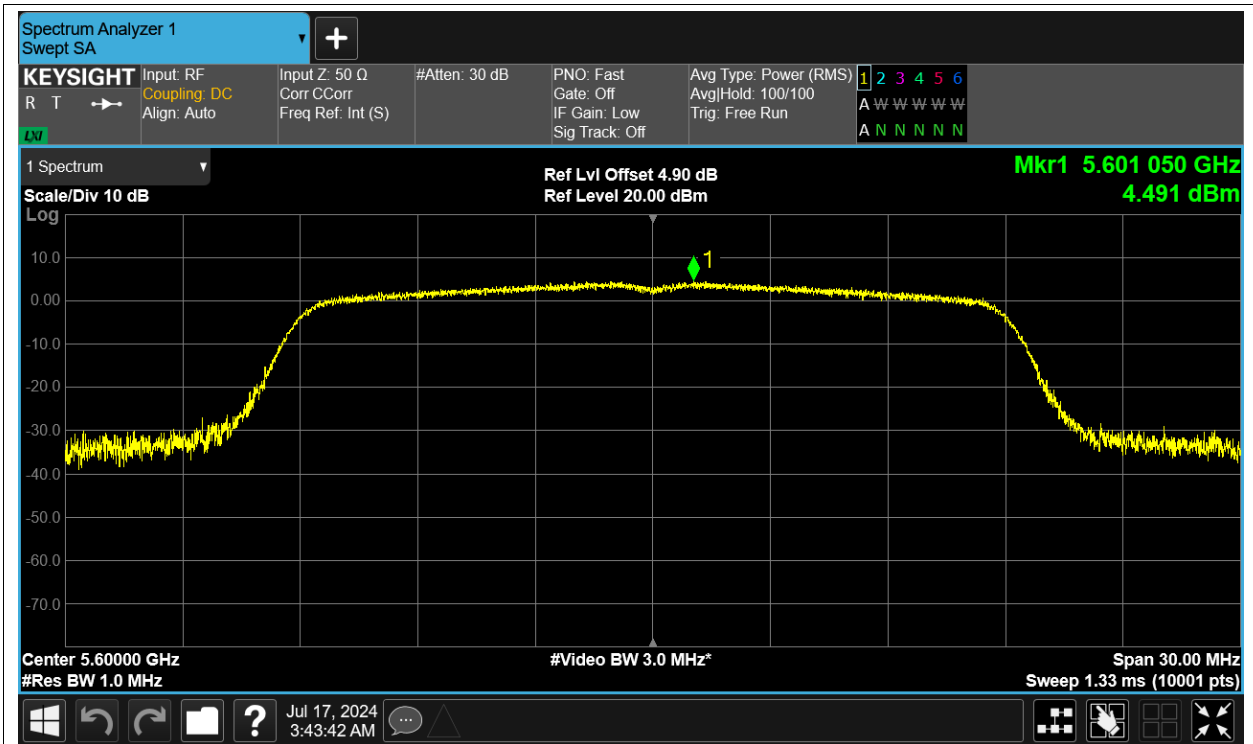
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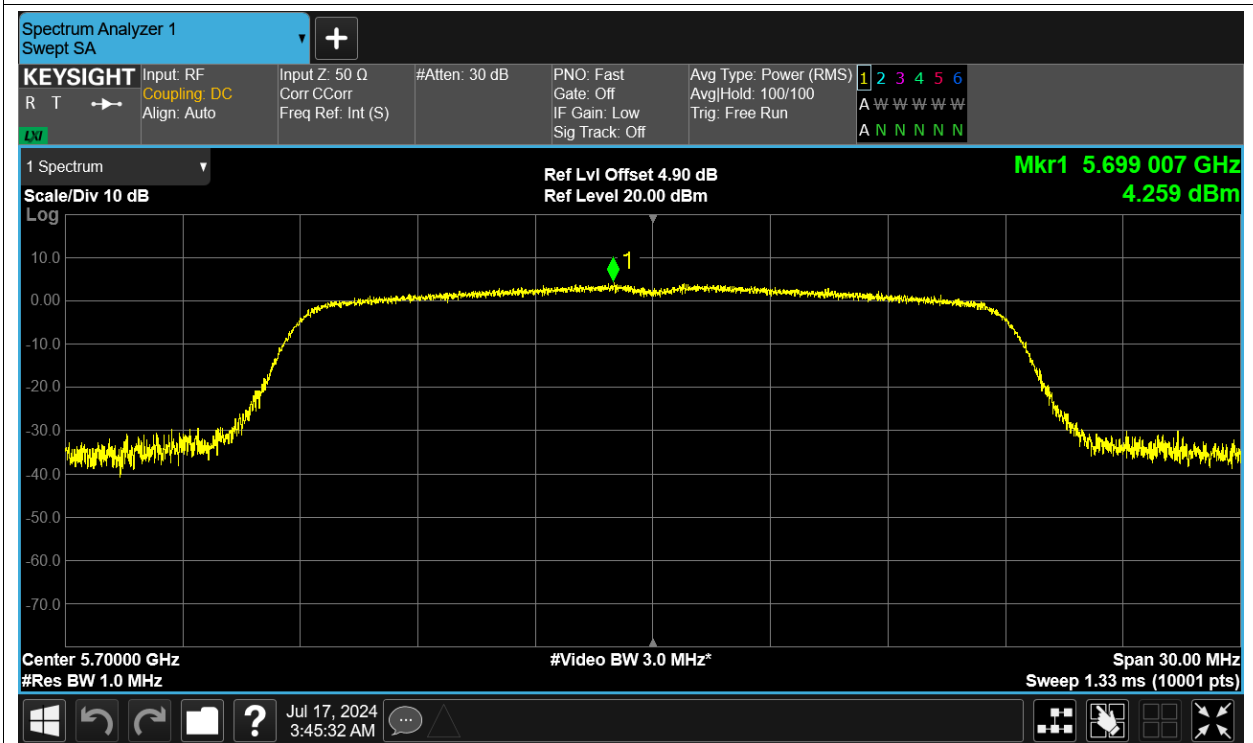
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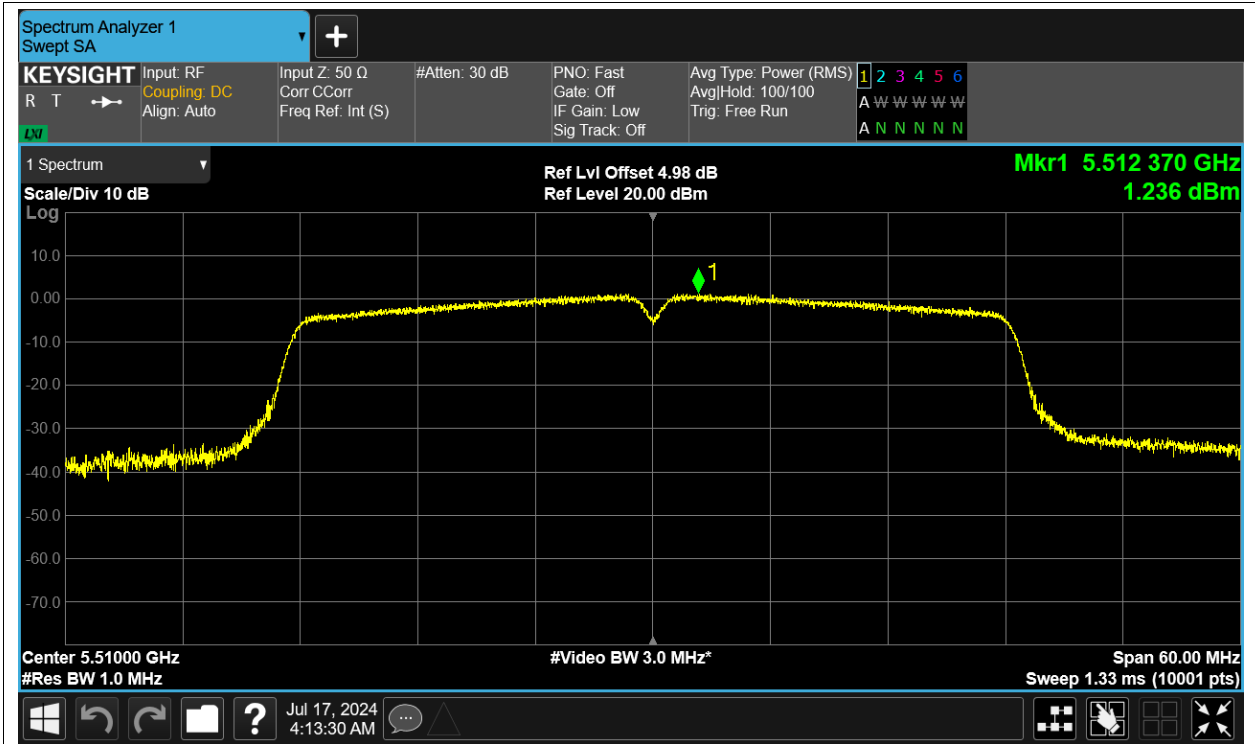
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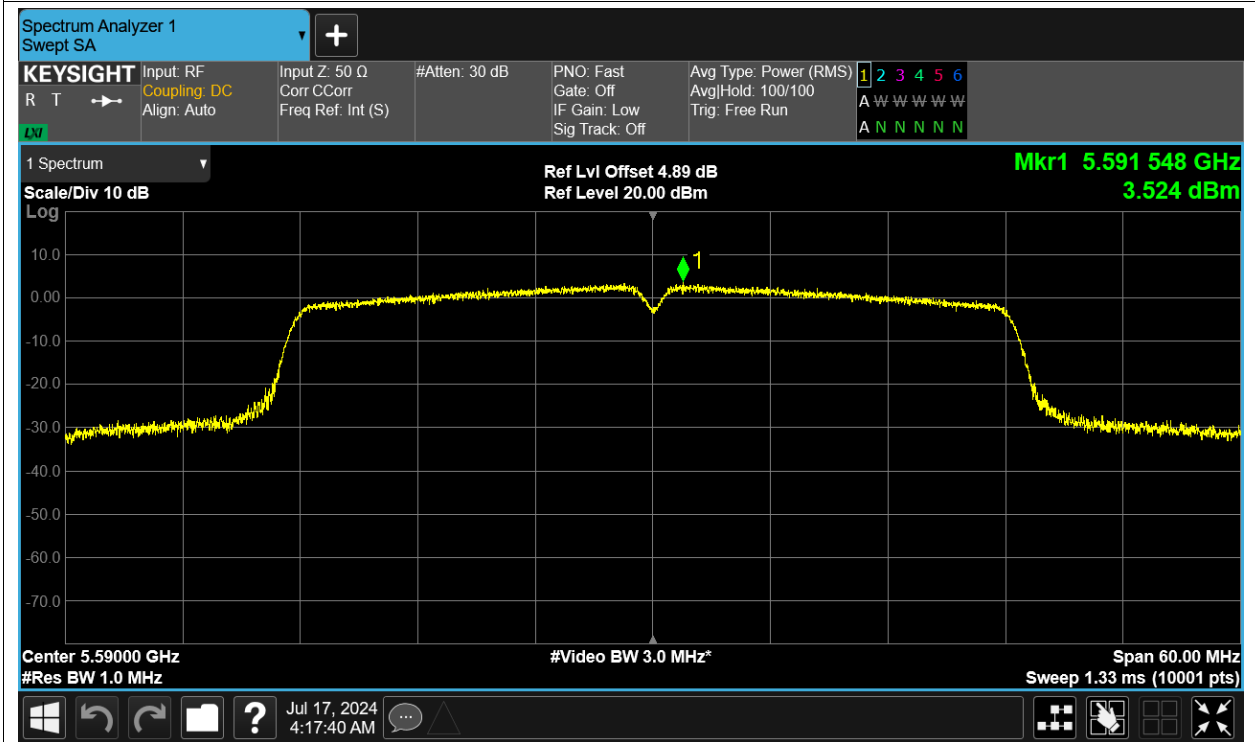
PSD NVNT n20 5700MHz Ant1



PSD NVNT n40 5510MHz Ant1



PSD NVNT n40 5590MHz Ant1



PSD NVNT n40 5670MHz Ant1

