

Test Data

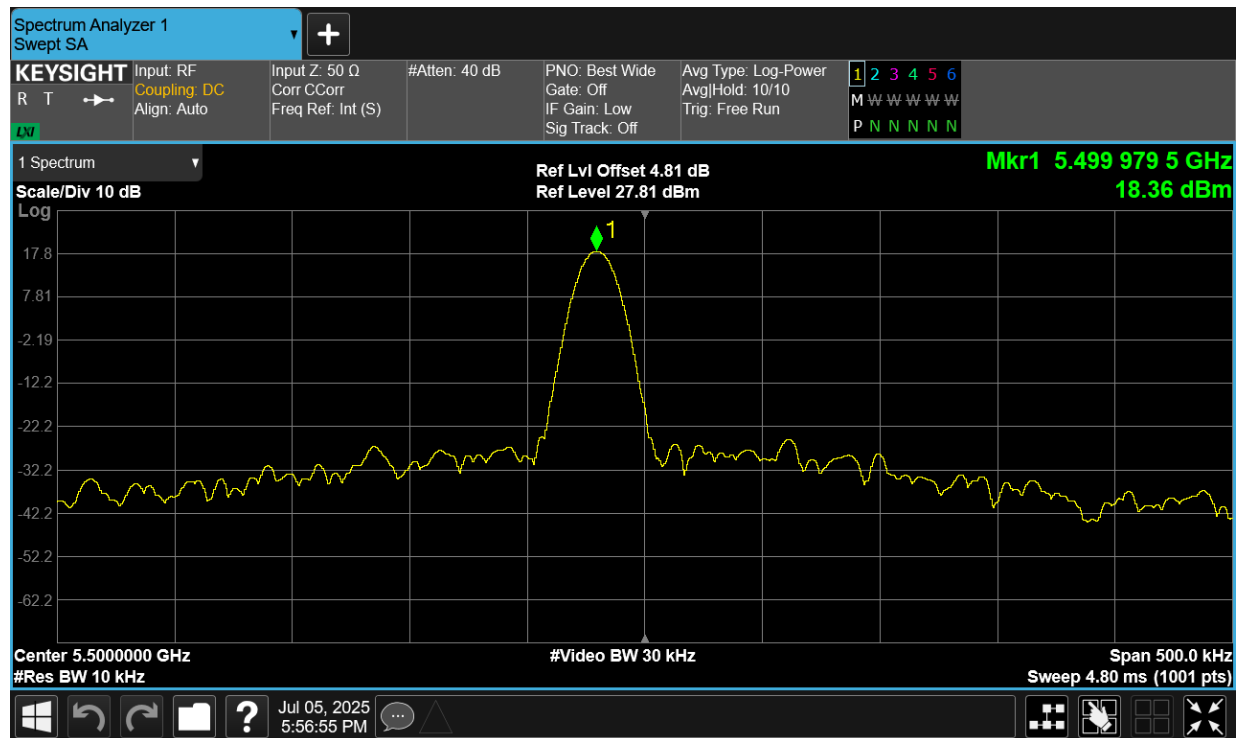
Frequency Stability

Condition	Mode	Frequency (MHz)	Antenna	Measured Frequency (MHz)	Deviation (ppm)	Limit (ppm)	Verdict
HVNT	a	5500	Ant1	5499.9795	-3.73	Within authorized band	Pass
LVNT	a	5500	Ant1	5499.98	-3.64		Pass
NVHT	a	5500	Ant1	5499.98	-3.64		Pass
NVLT	a	5500	Ant1	5499.9805	-3.55		Pass
NVNT	a	5500	Ant1	5499.981	-3.45		Pass
HVNT	ac80	5530	Ant1	5529.9785	-3.89		Pass
LVNT	ac80	5530	Ant1	5529.9785	-3.89		Pass
NVHT	ac80	5530	Ant1	5529.979	-3.8		Pass
NVLT	ac80	5530	Ant1	5529.9795	-3.71		Pass
NVNT	ac80	5530	Ant1	5529.9795	-3.71		Pass
HVNT	n40	5510	Ant1	5509.979	-3.81		Pass
LVNT	n40	5510	Ant1	5509.9795	-3.72		Pass
NVHT	n40	5510	Ant1	5509.9795	-3.72		Pass
NVLT	n40	5510	Ant1	5509.9795	-3.72		Pass
NVNT	n40	5510	Ant1	5509.98	-3.63		Pass

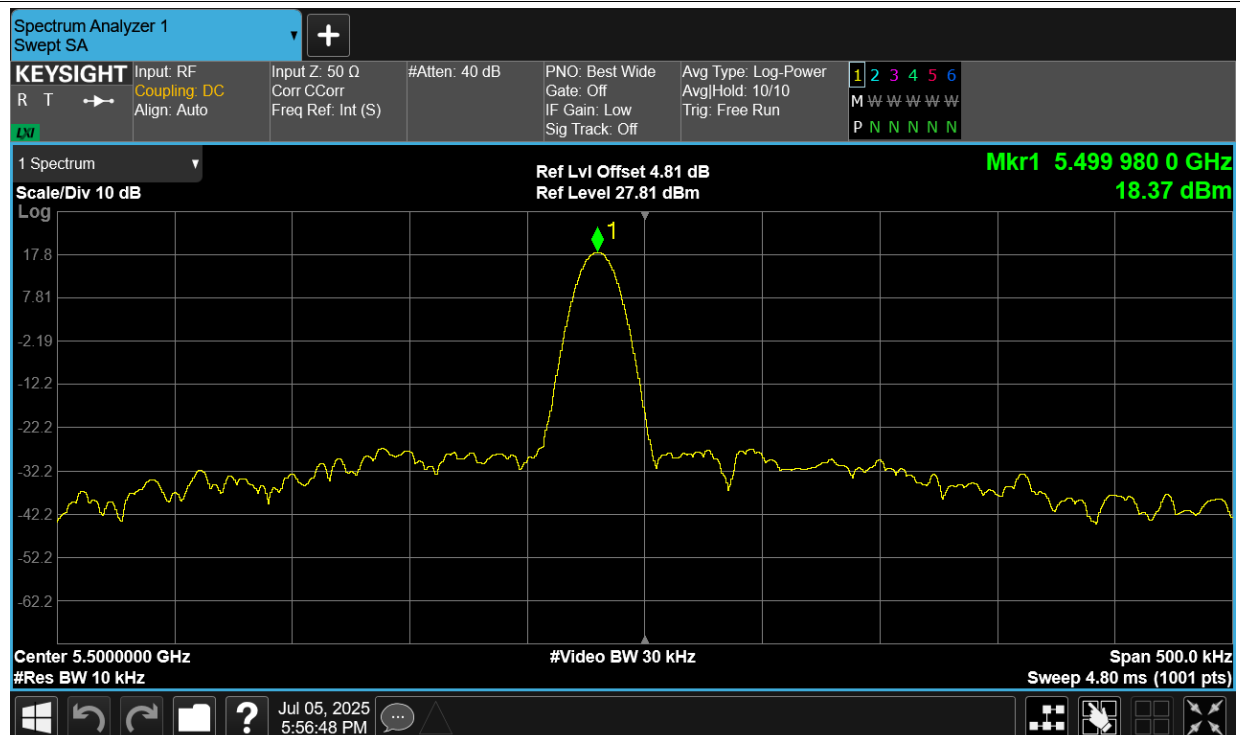
Remark: "NTNV" means Normal Temperature Normal Voltage, "NVHT" means Normal Voltage High Temperature, "NVLT" means Normal Voltage Low. Temperature, "LVNT" means Low Voltage Normal Temperature, "HVNT" means High Voltage Normal Temperature.

Test Graphs

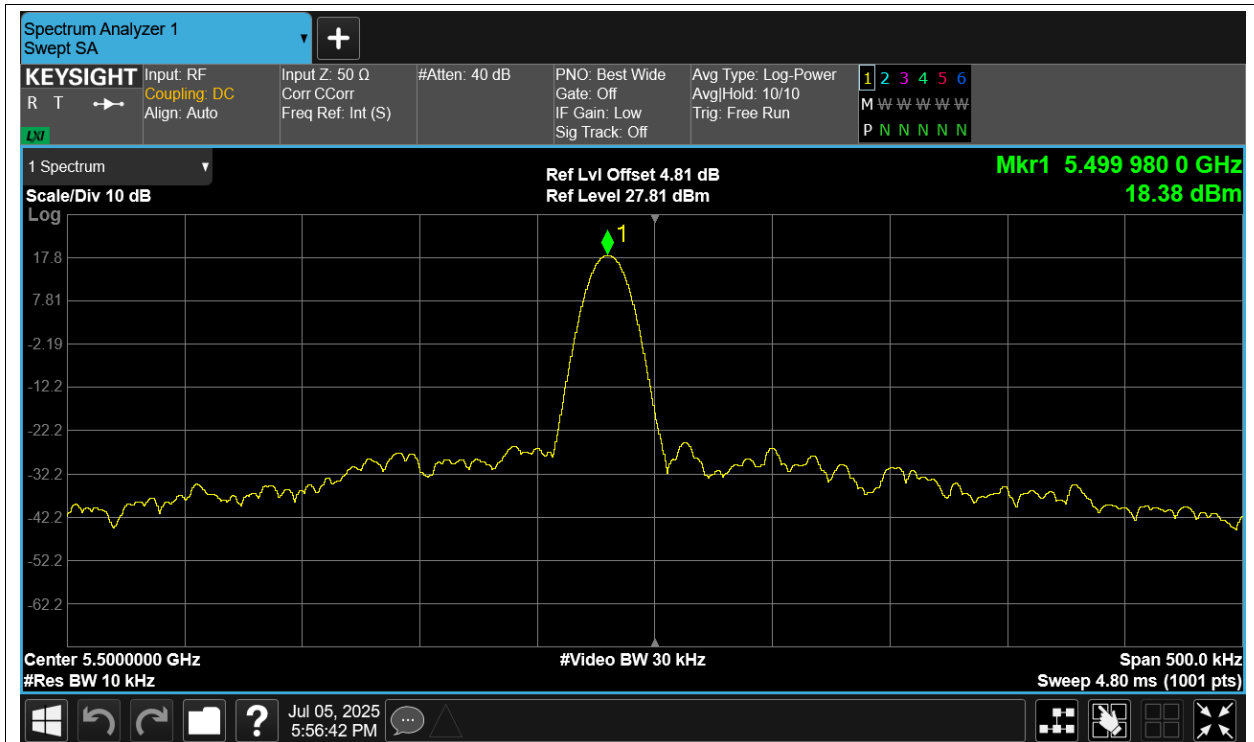
Freq. Stability HVNT a 5500MHz Ant1



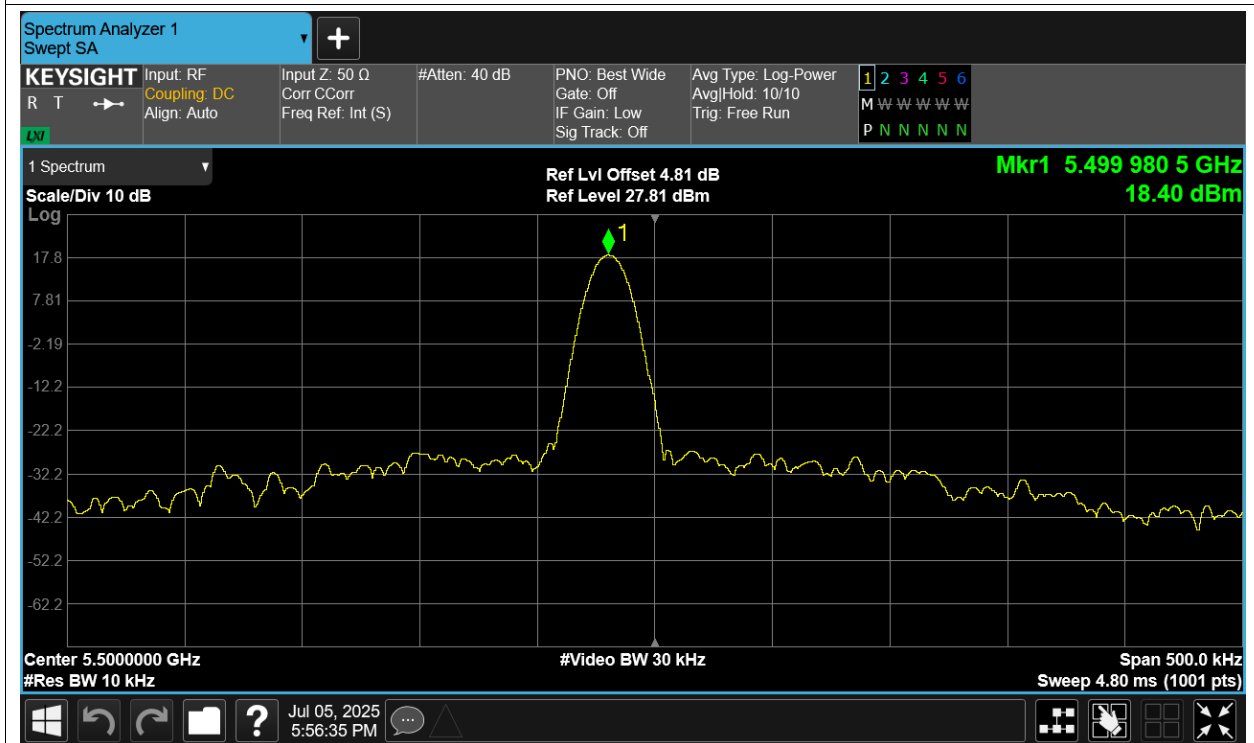
Freq. Stability LVNT a 5500MHz Ant1



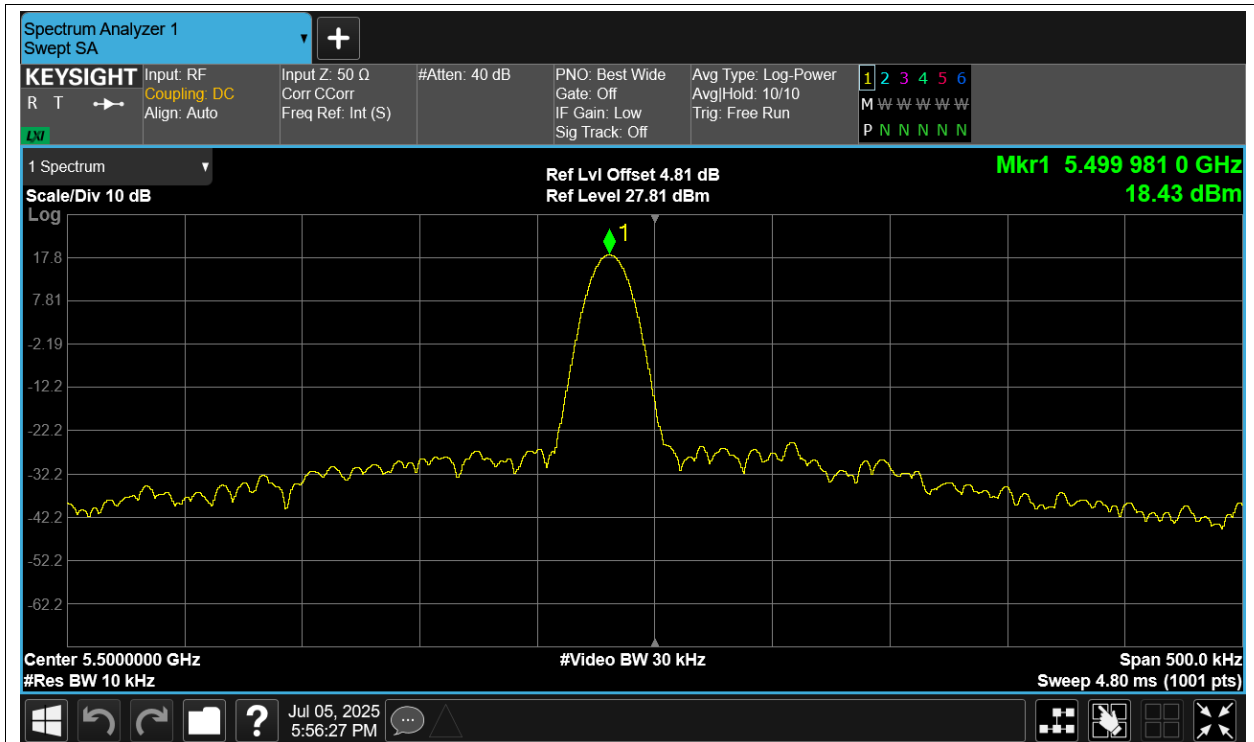
Freq. Stability NVHT a 5500MHz Ant1



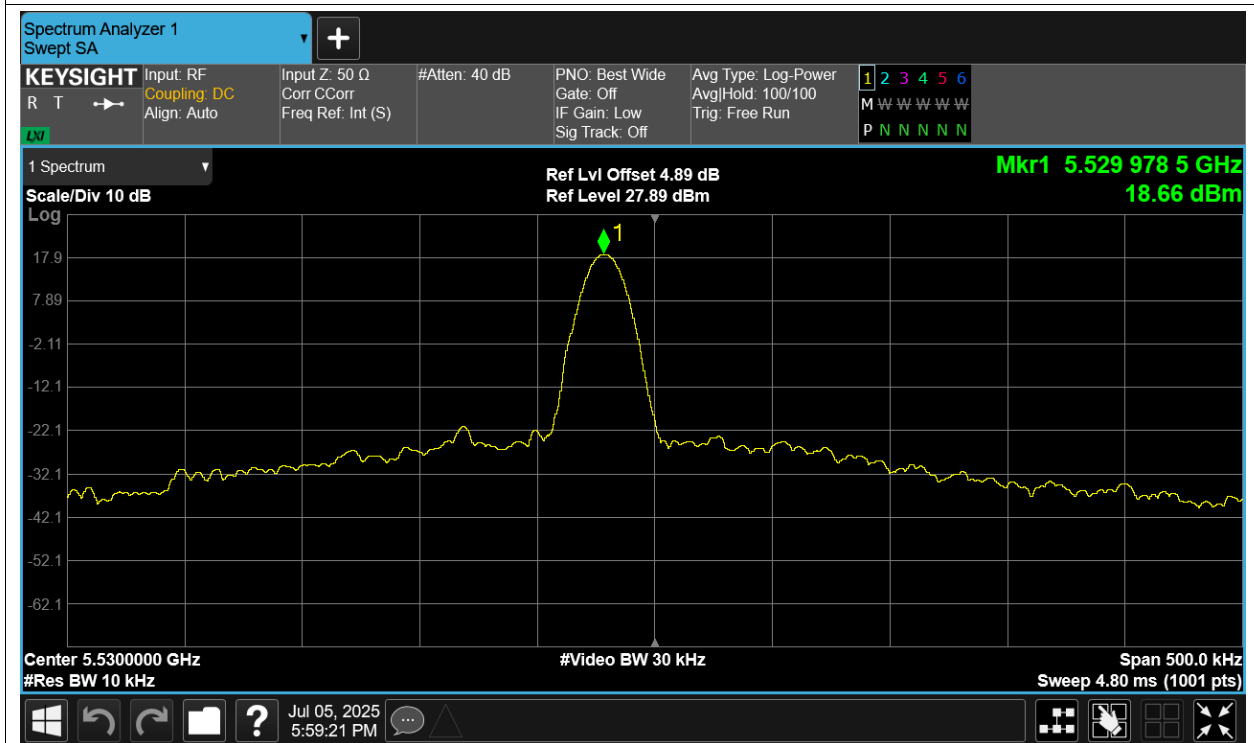
Freq. Stability NVLT a 5500MHz Ant1



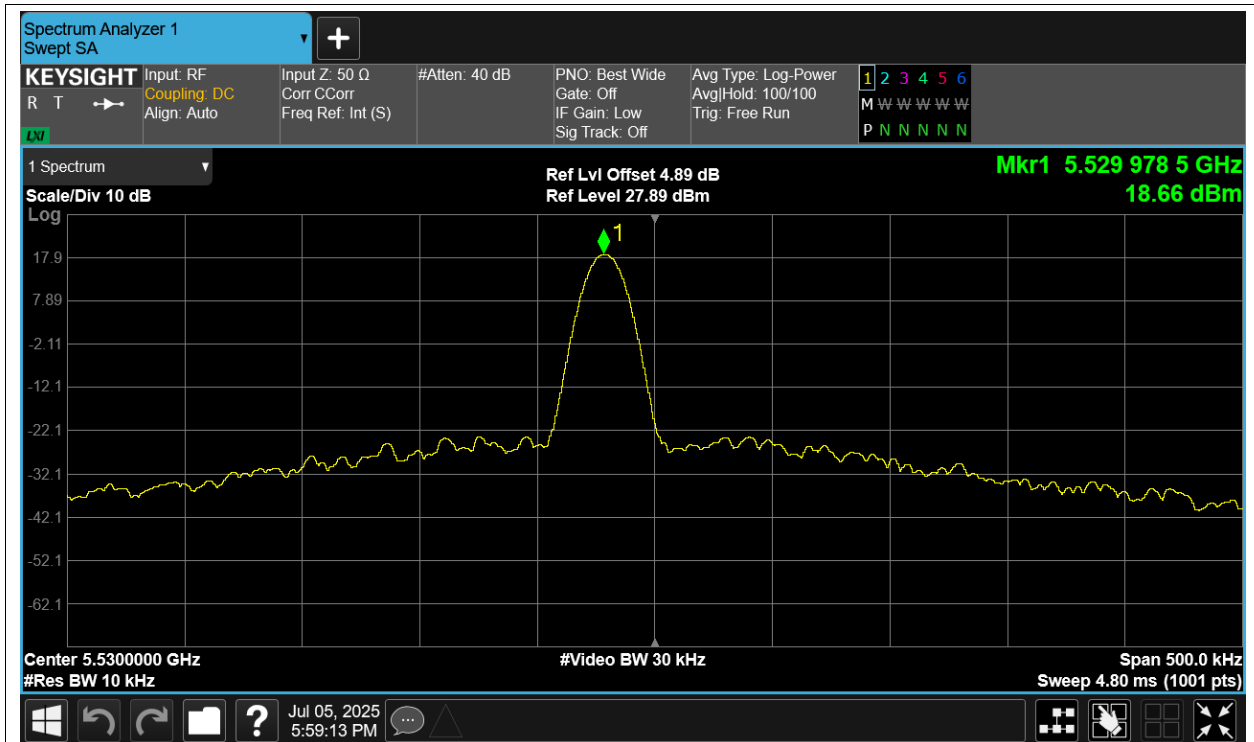
Freq. Stability NVNT a 5500MHz Ant1



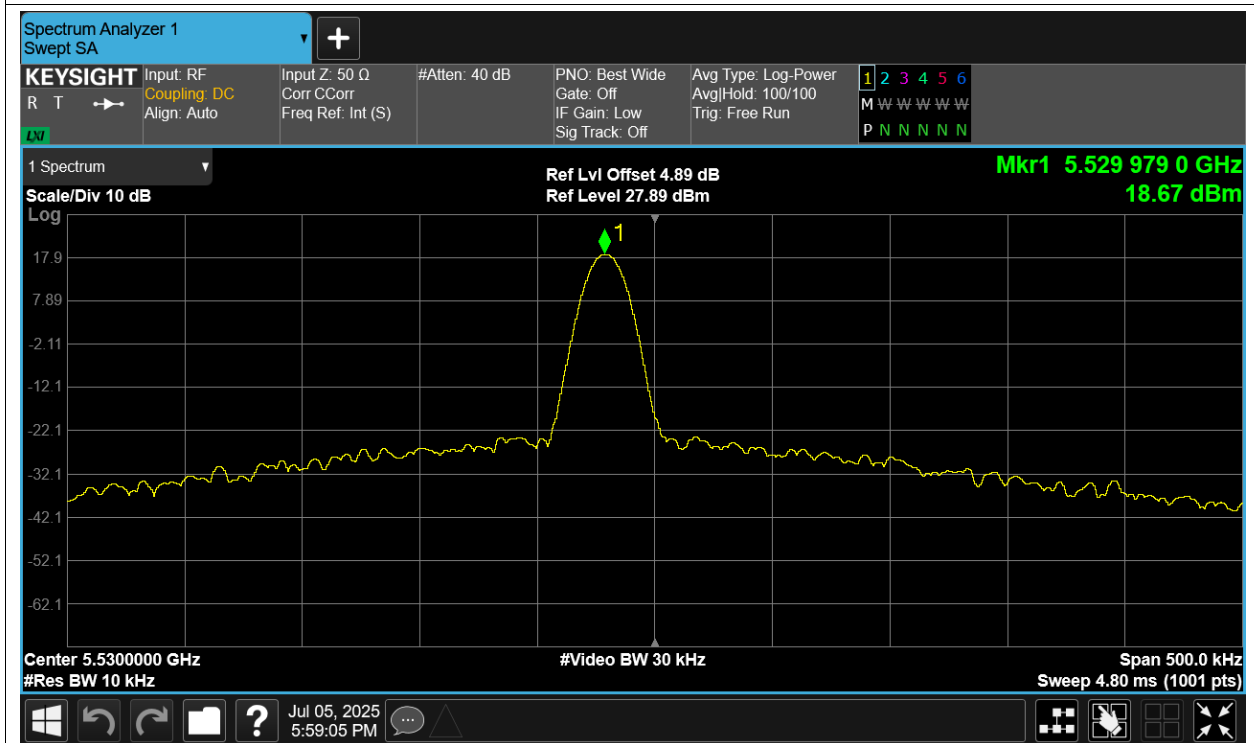
Freq. Stability HVNT ac80 5530MHz Ant1



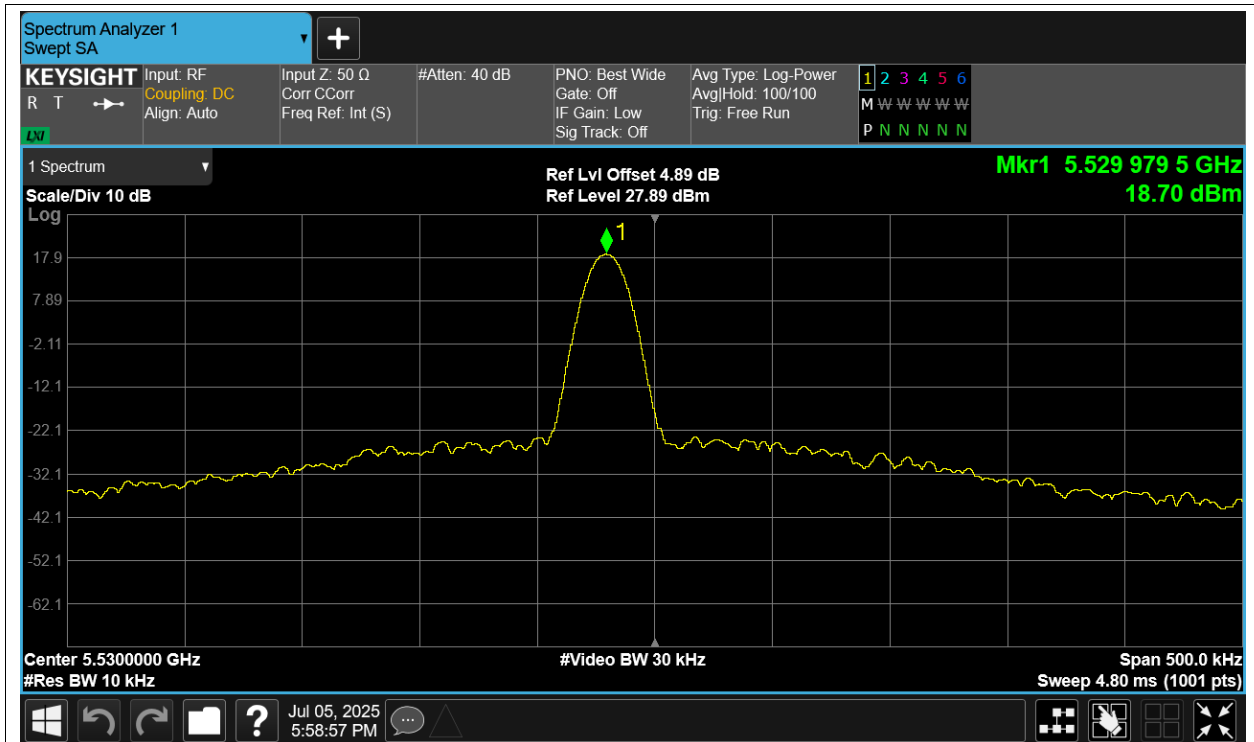
Freq. Stability LVNT ac80 5530MHz Ant1



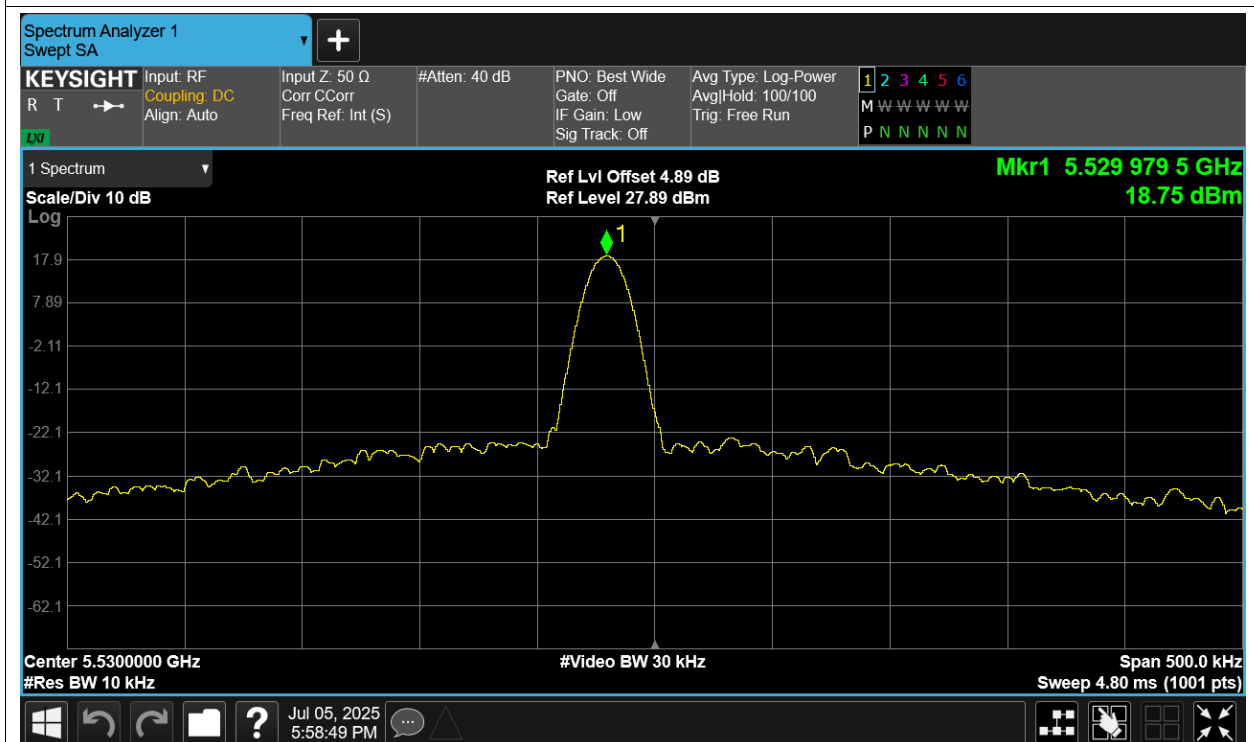
Freq. Stability NVHT ac80 5530MHz Ant1



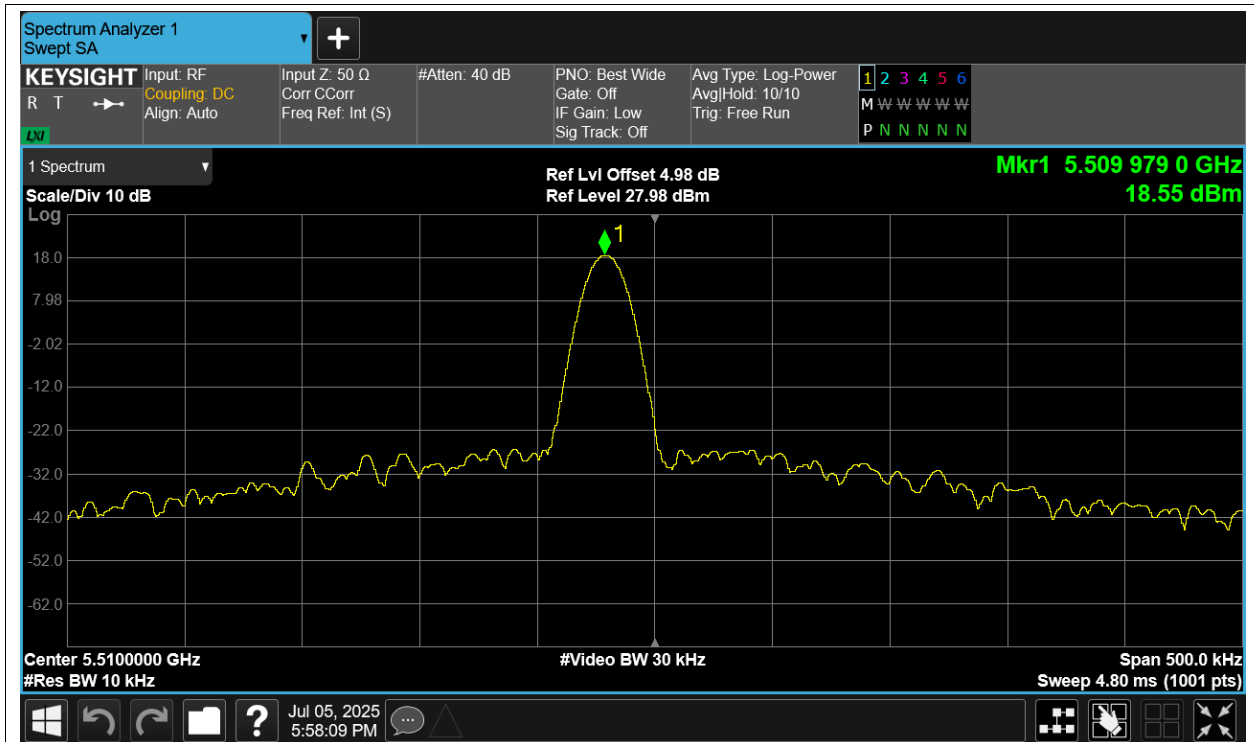
Freq. Stability NVLT ac80 5530MHz Ant1



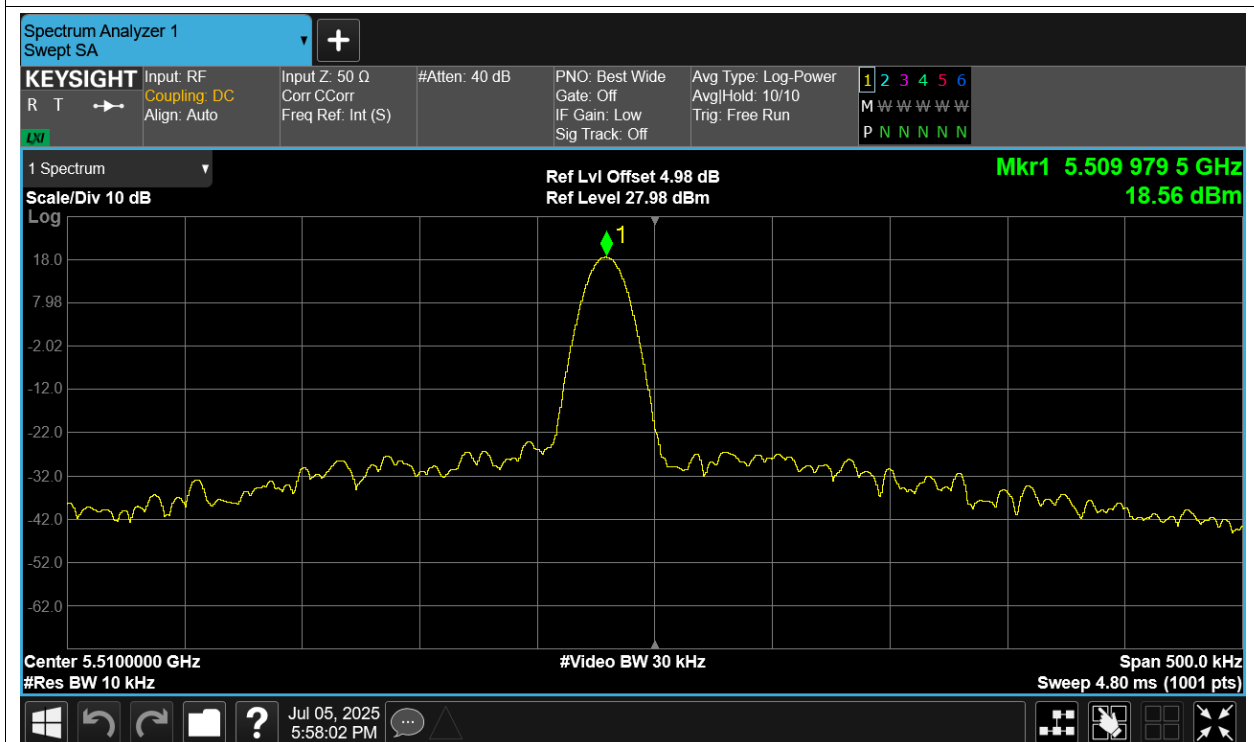
Freq. Stability NVNT ac80 5530MHz Ant1



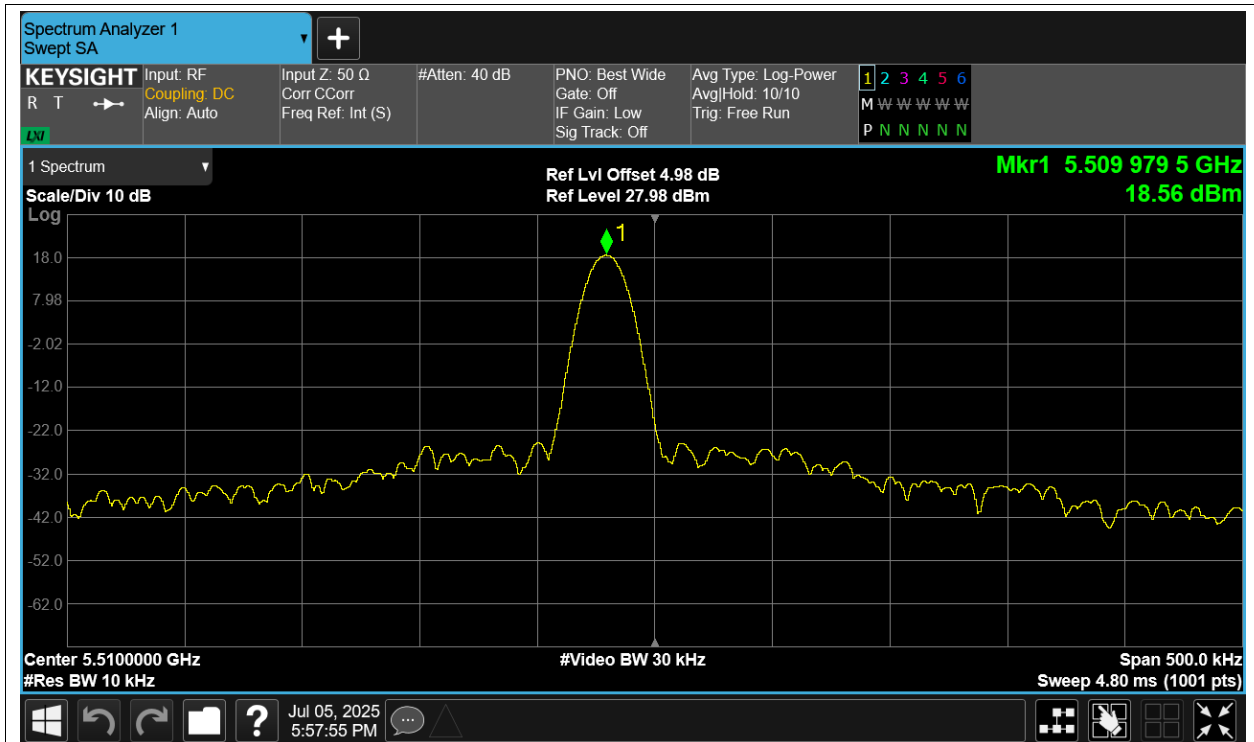
Freq. Stability HVNT n40 5510MHz Ant1



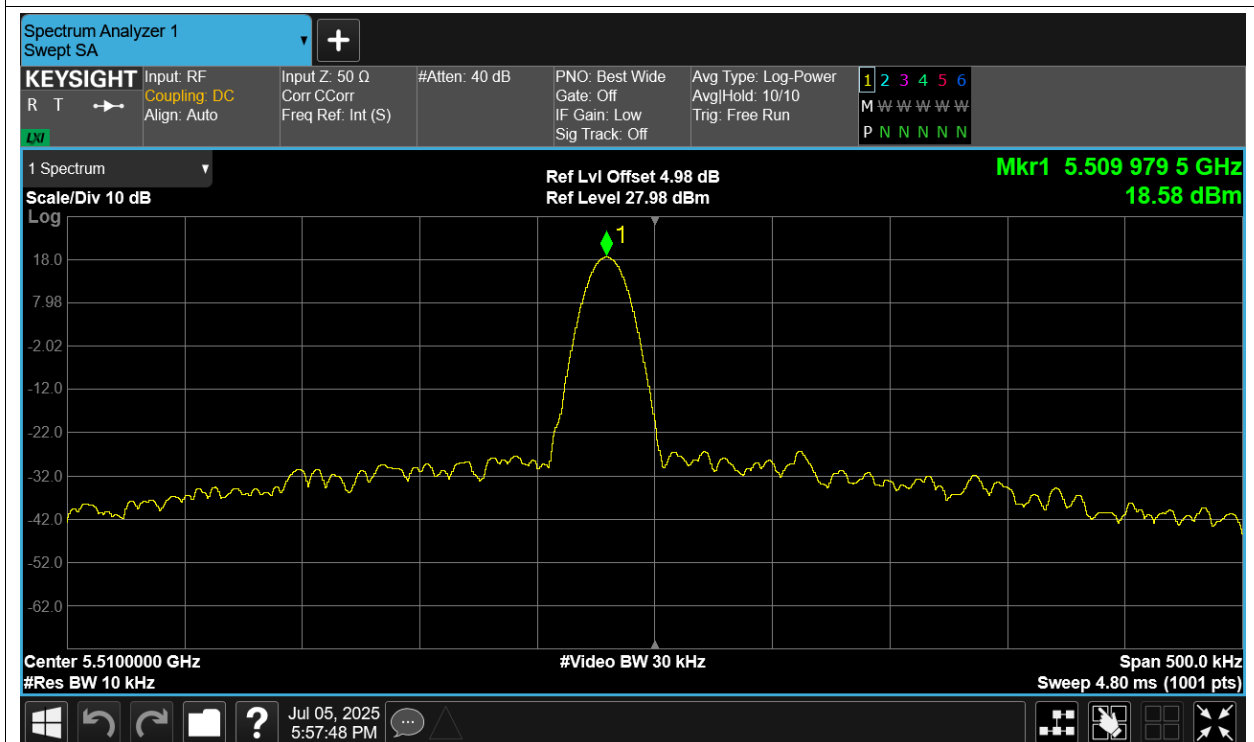
Freq. Stability LVNT n40 5510MHz Ant1



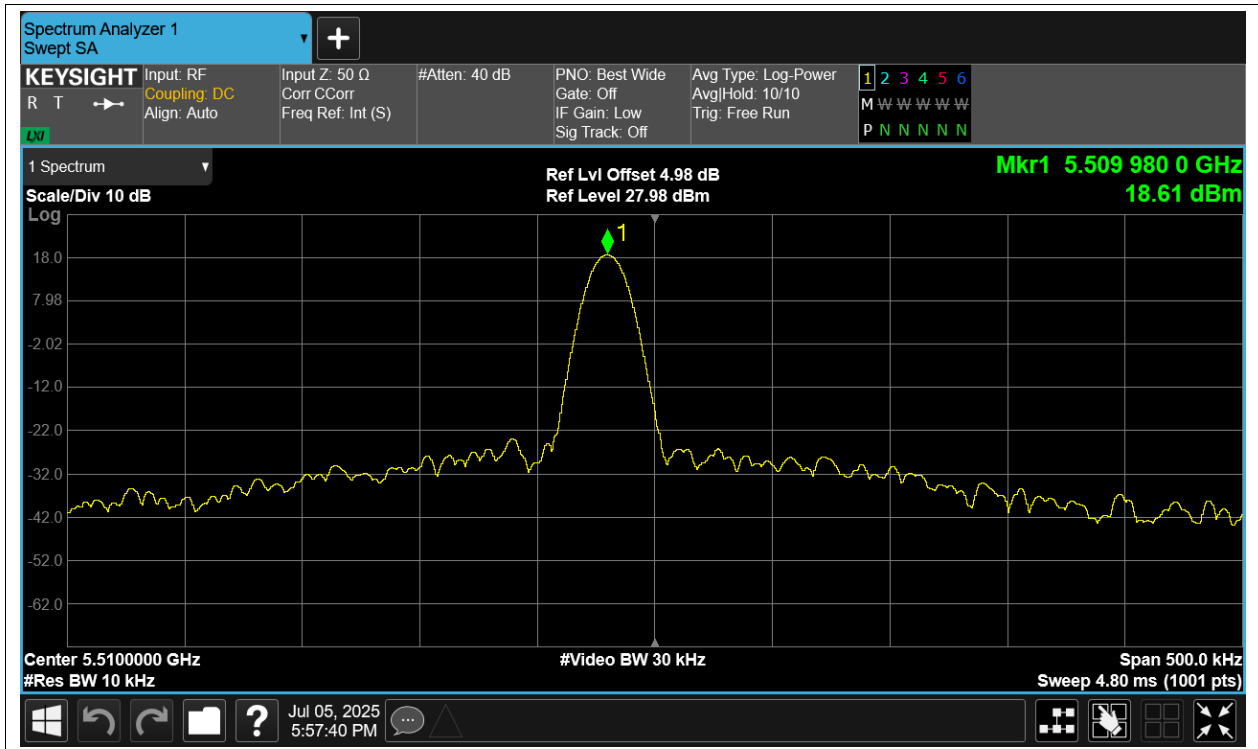
Freq. Stability NVHT n40 5510MHz Ant1



Freq. Stability NVLT n40 5510MHz Ant1



Freq. Stability NVNT n40 5510MHz Ant1

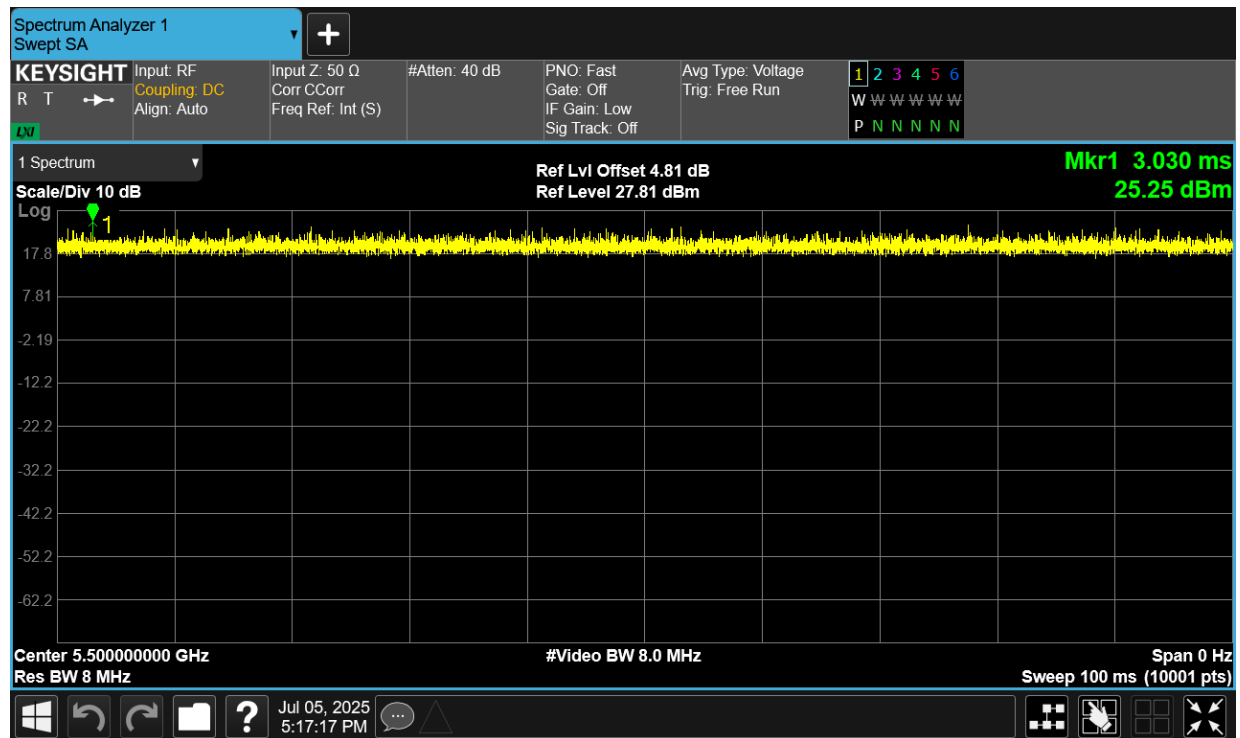


Duty Cycle

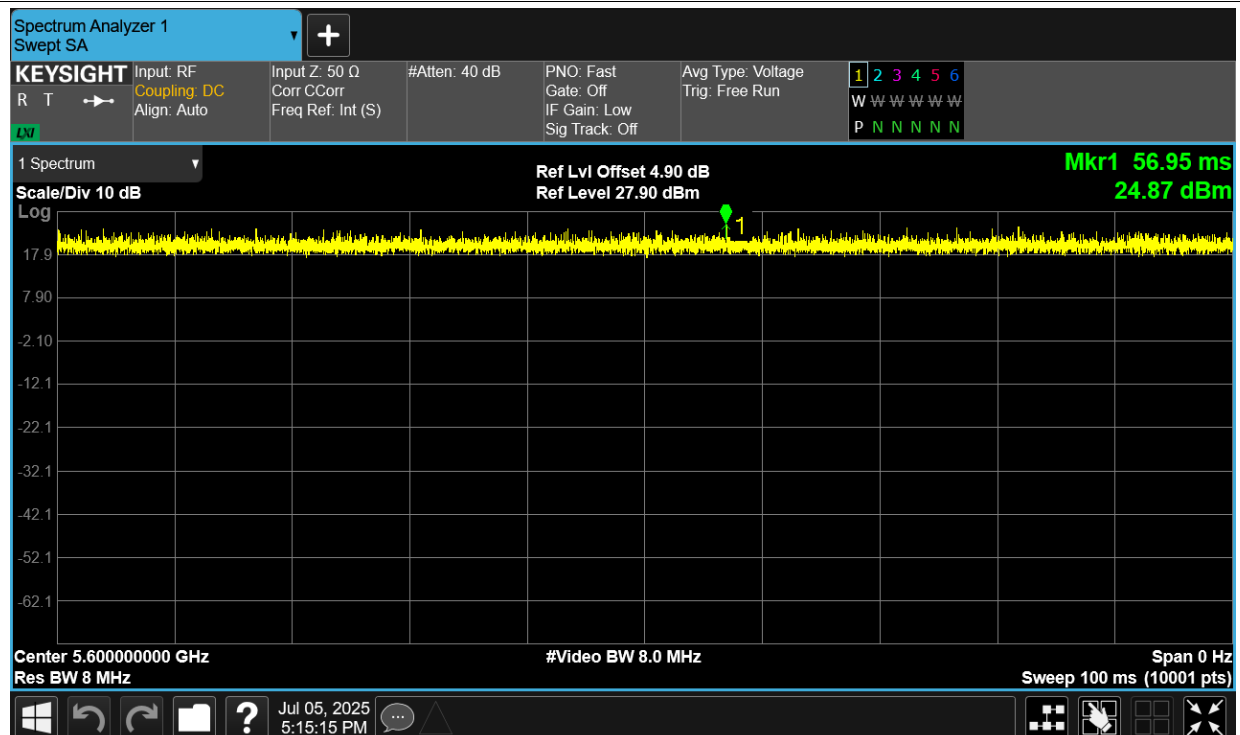
Condition	Mode	Frequency (MHz)	Antenna	Duty Cycle (%)	Correction Factor (dB)
NVNT	a	5500	Ant1	100	0
NVNT	a	5600	Ant1	100	0
NVNT	a	5700	Ant1	100	0
NVNT	ac20	5500	Ant1	100	0
NVNT	ac20	5600	Ant1	100	0
NVNT	ac20	5700	Ant1	100	0
NVNT	ac40	5510	Ant1	100	0
NVNT	ac40	5590	Ant1	100	0
NVNT	ac40	5670	Ant1	100	0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

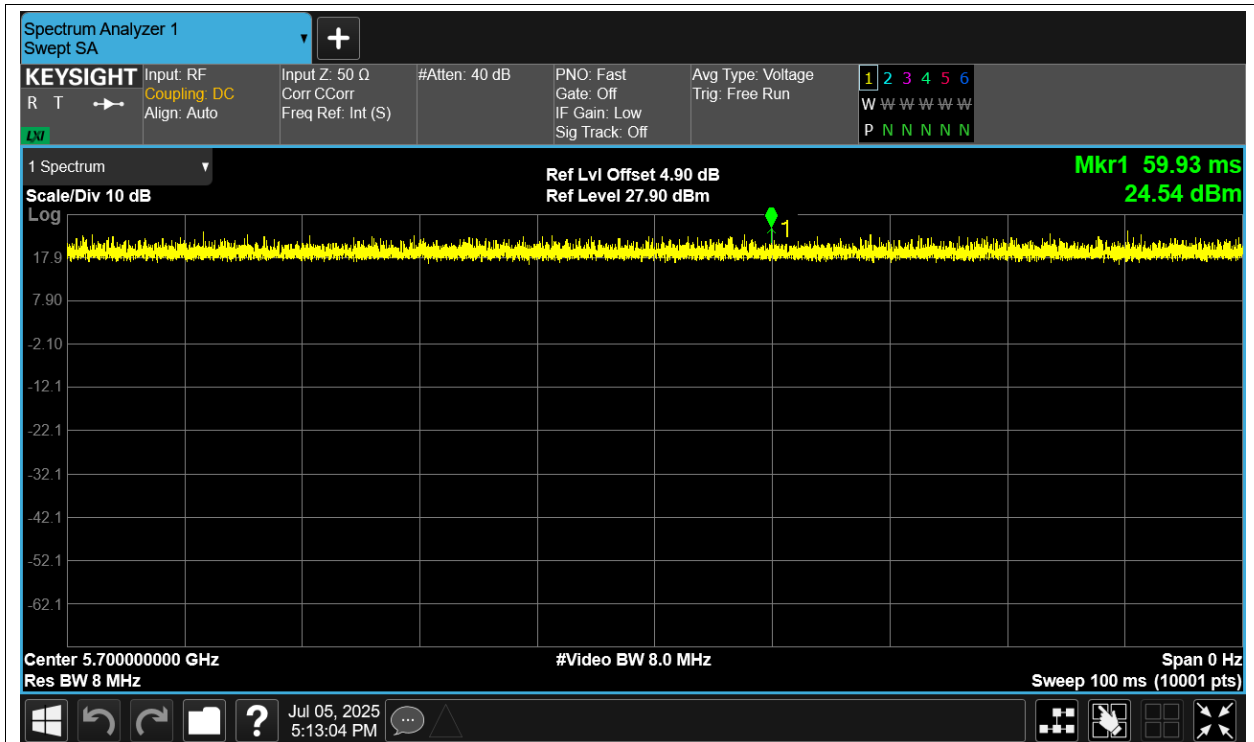
Duty Cycle NVNT a 5500MHz Ant1



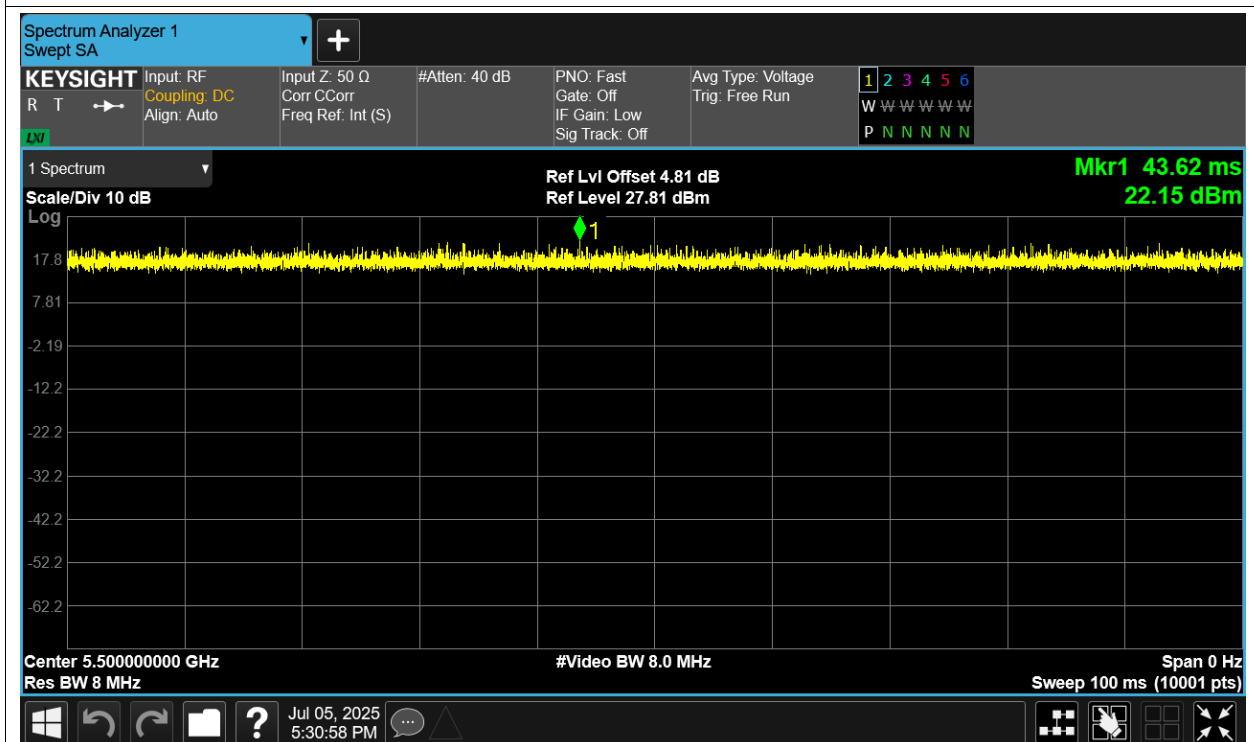
Duty Cycle NVNT a 5600MHz Ant1



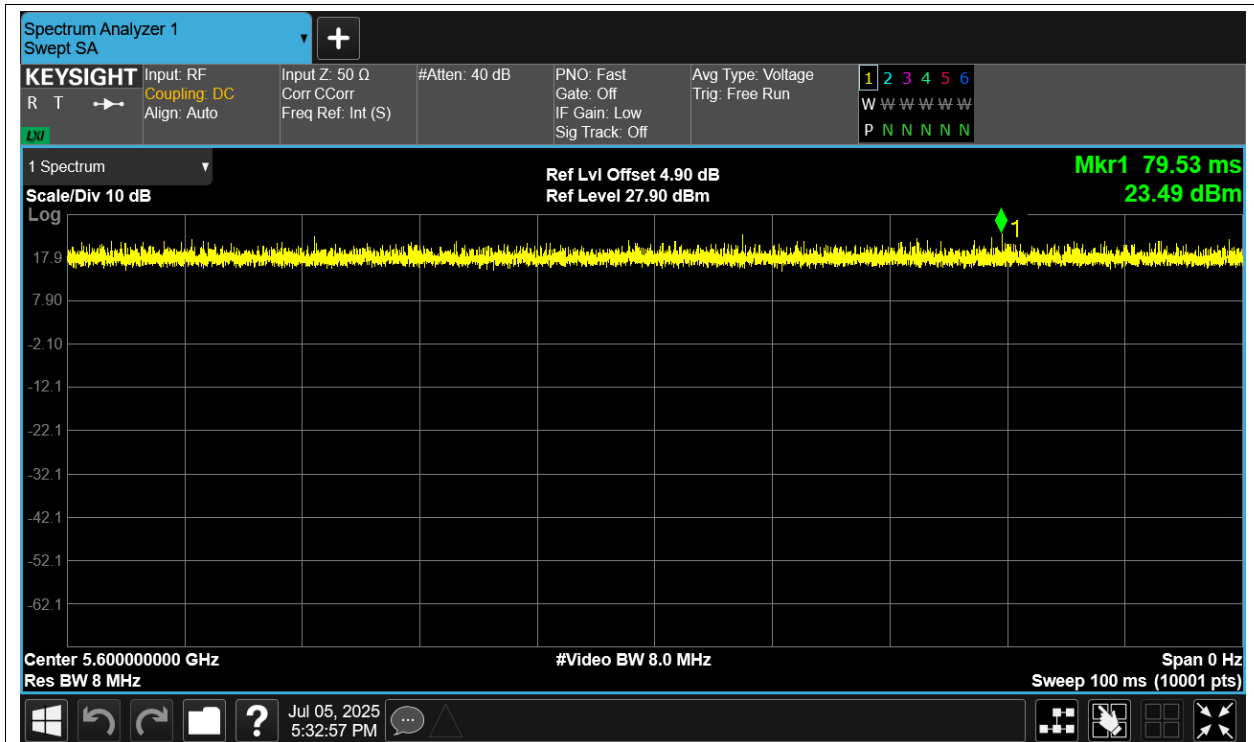
Duty Cycle NVNT a 5700MHz Ant1



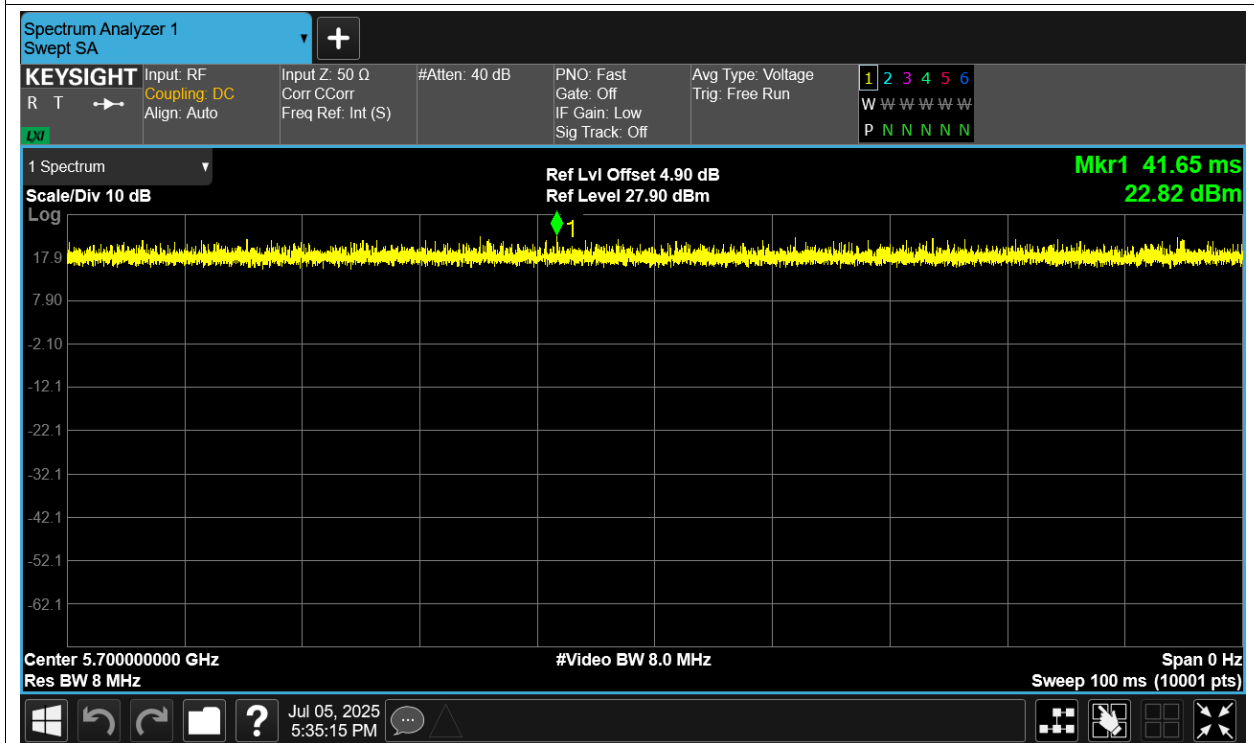
Duty Cycle NVNT ac20 5500MHz Ant1



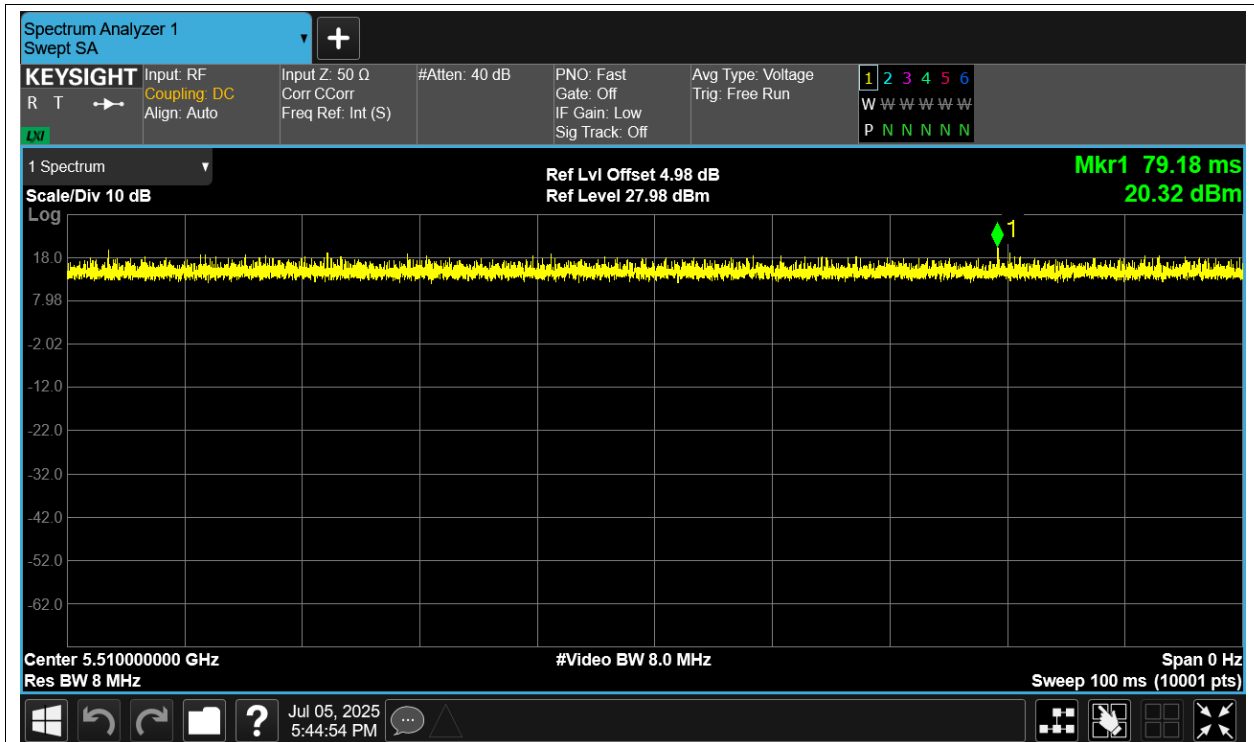
Duty Cycle NVNT ac20 5600MHz Ant1



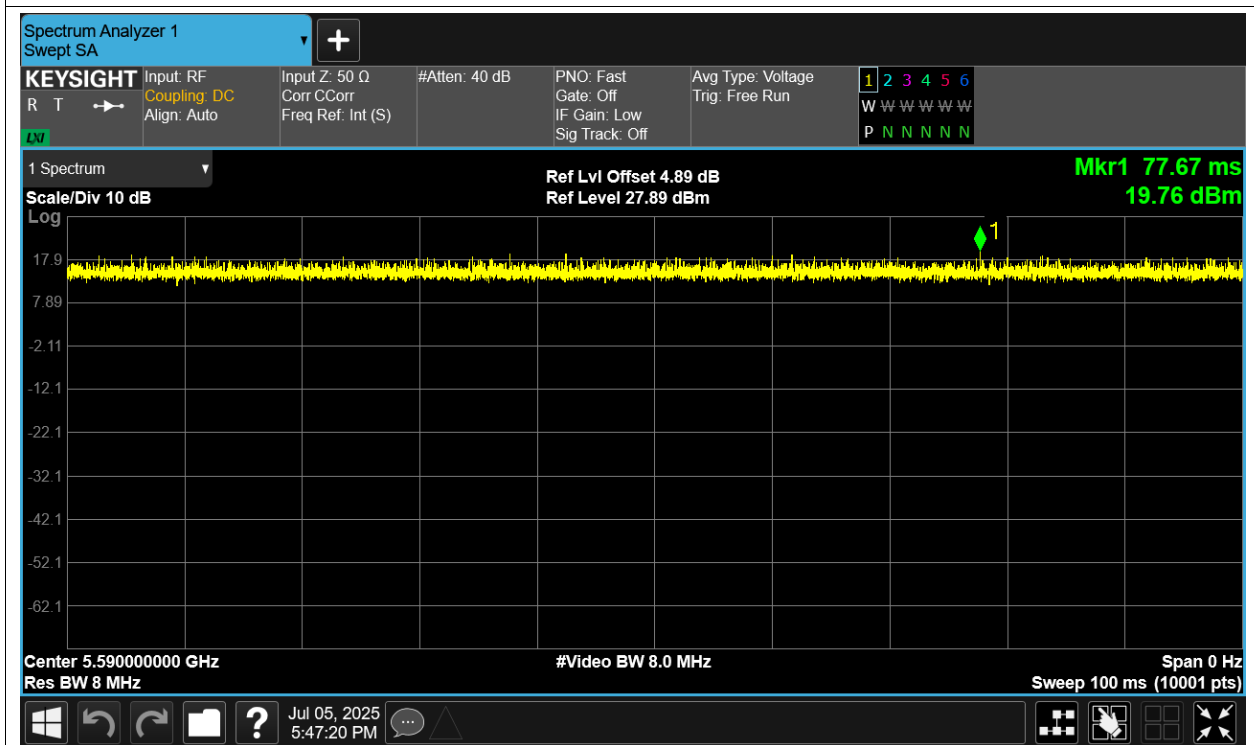
Duty Cycle NVNT ac20 5700MHz Ant1



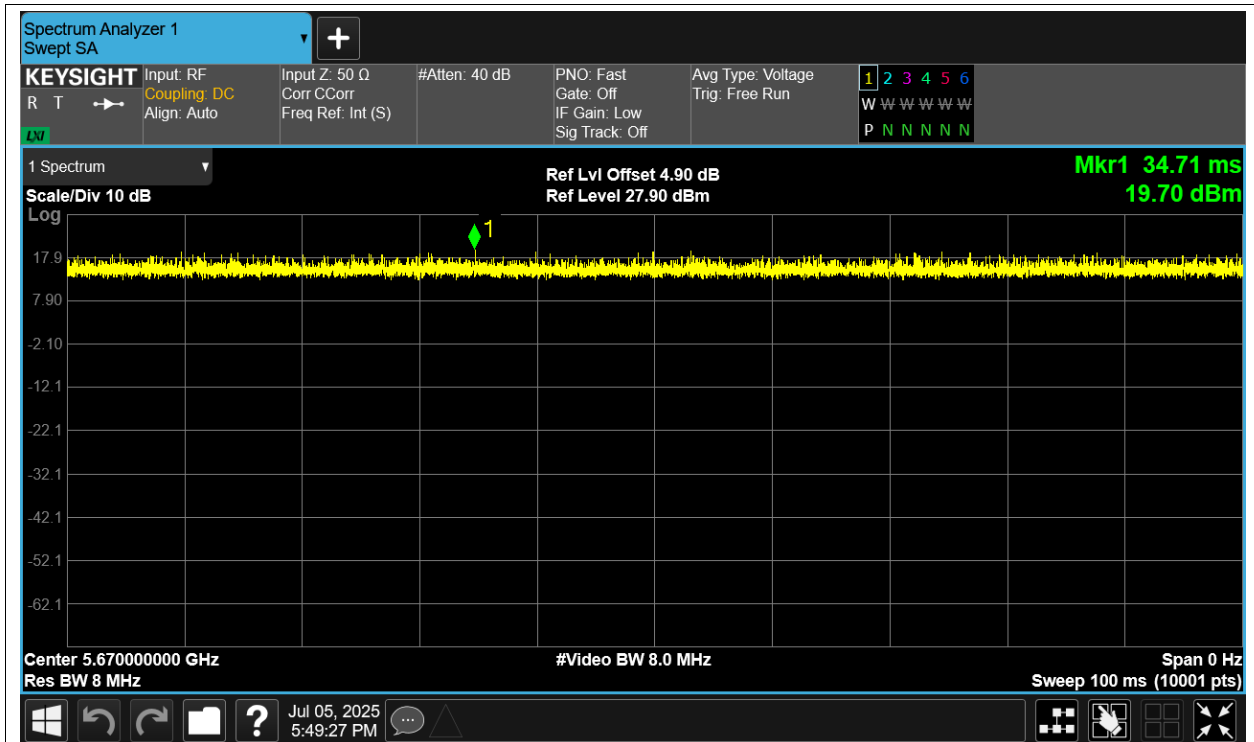
Duty Cycle NVNT ac40 5510MHz Ant1



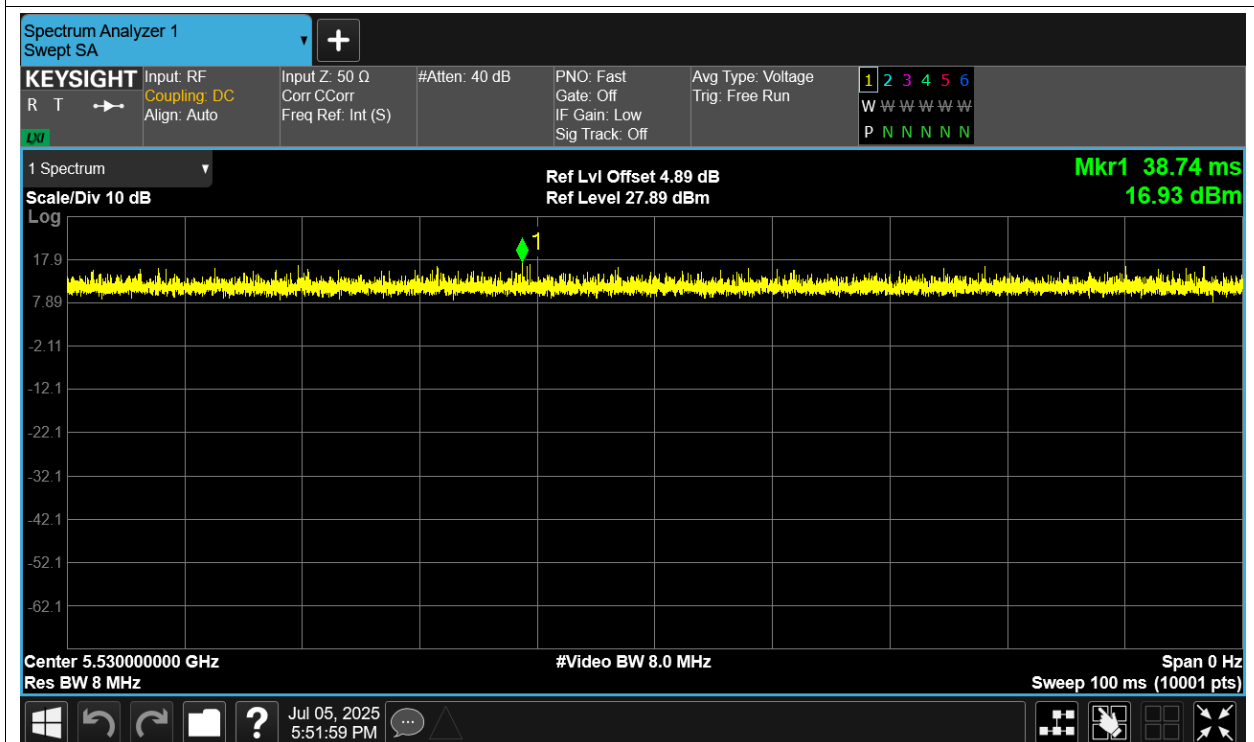
Duty Cycle NVNT ac40 5590MHz Ant1



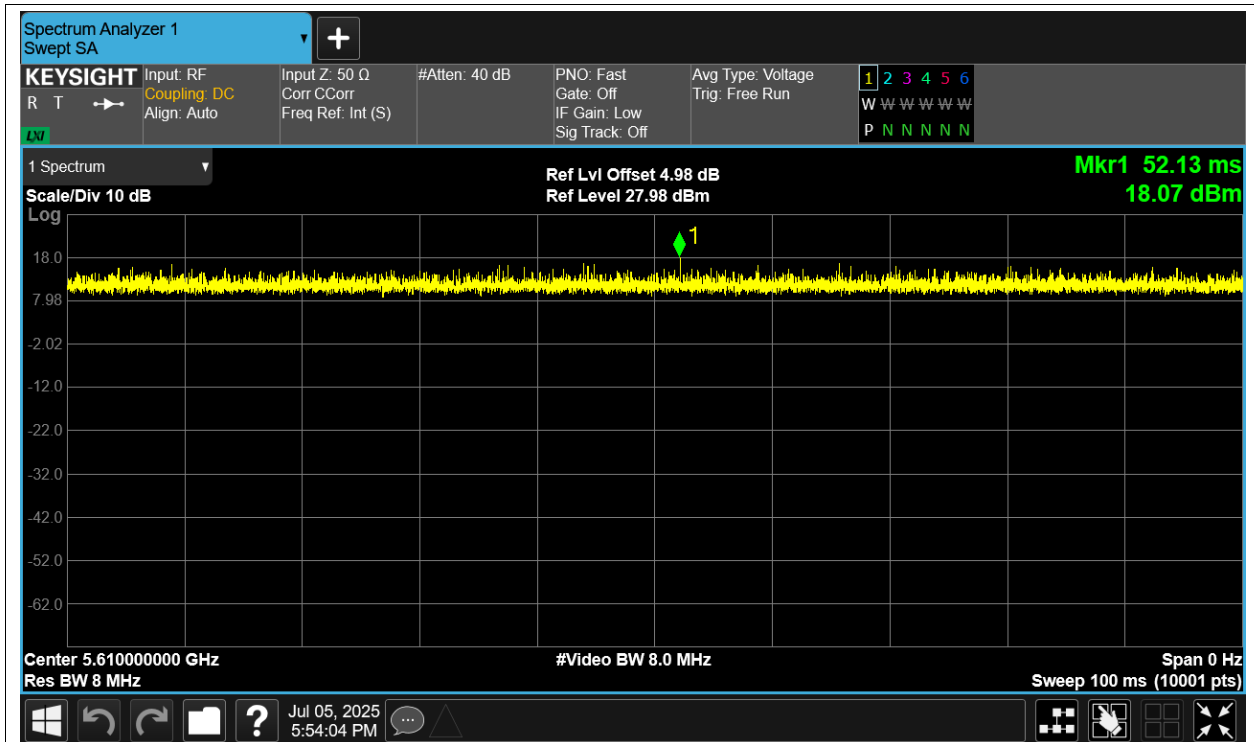
Duty Cycle NVNT ac40 5670MHz Ant1



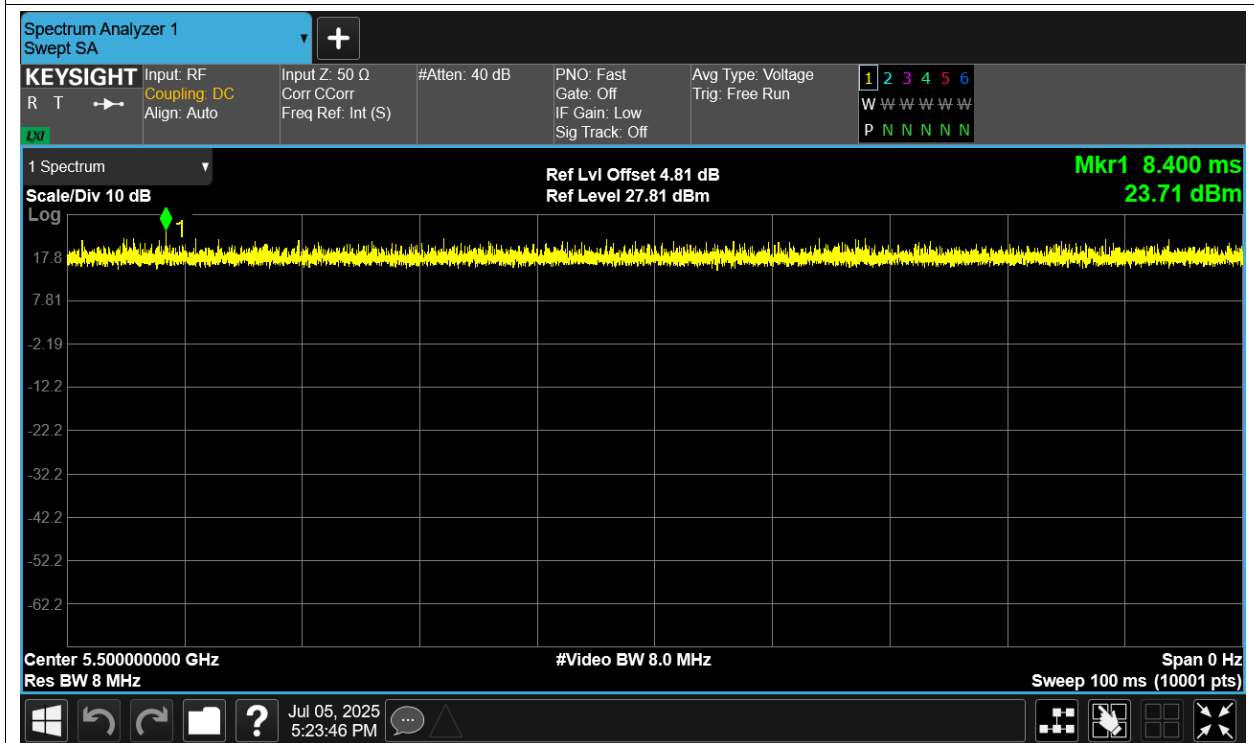
Duty Cycle NVNT ac80 5530MHz Ant1



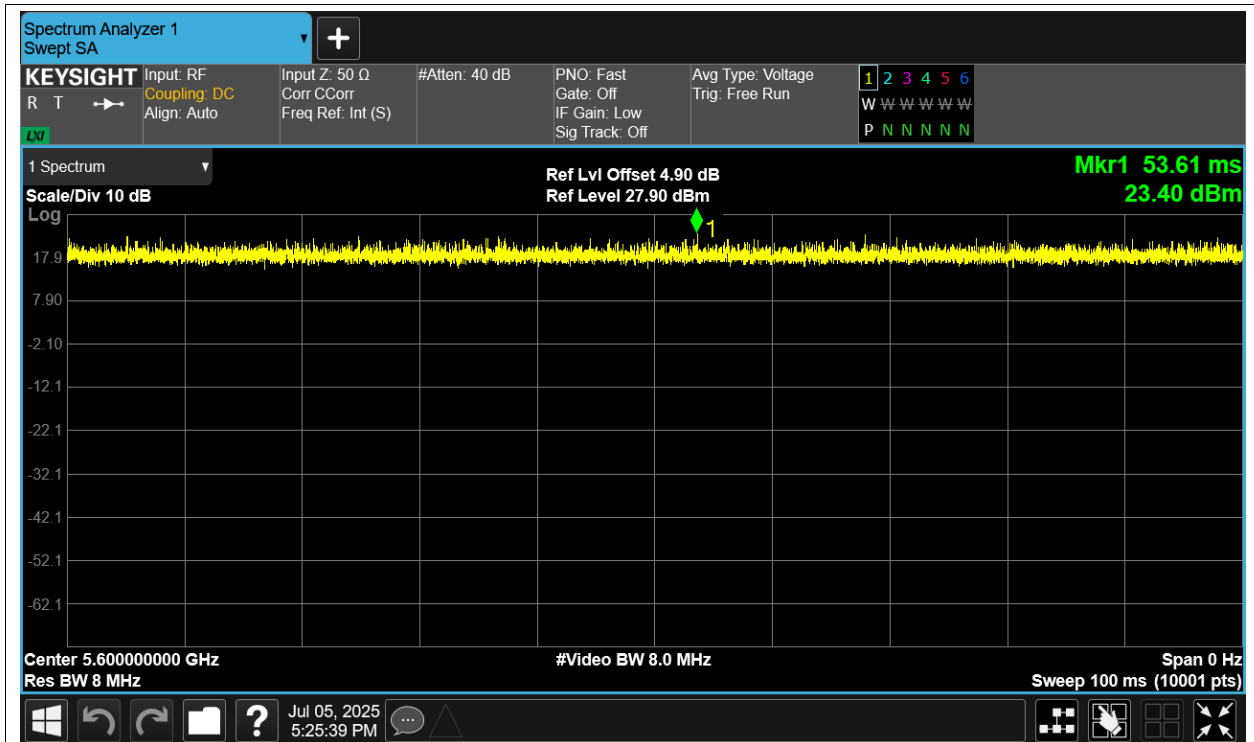
Duty Cycle NVNT ac80 5610MHz Ant1



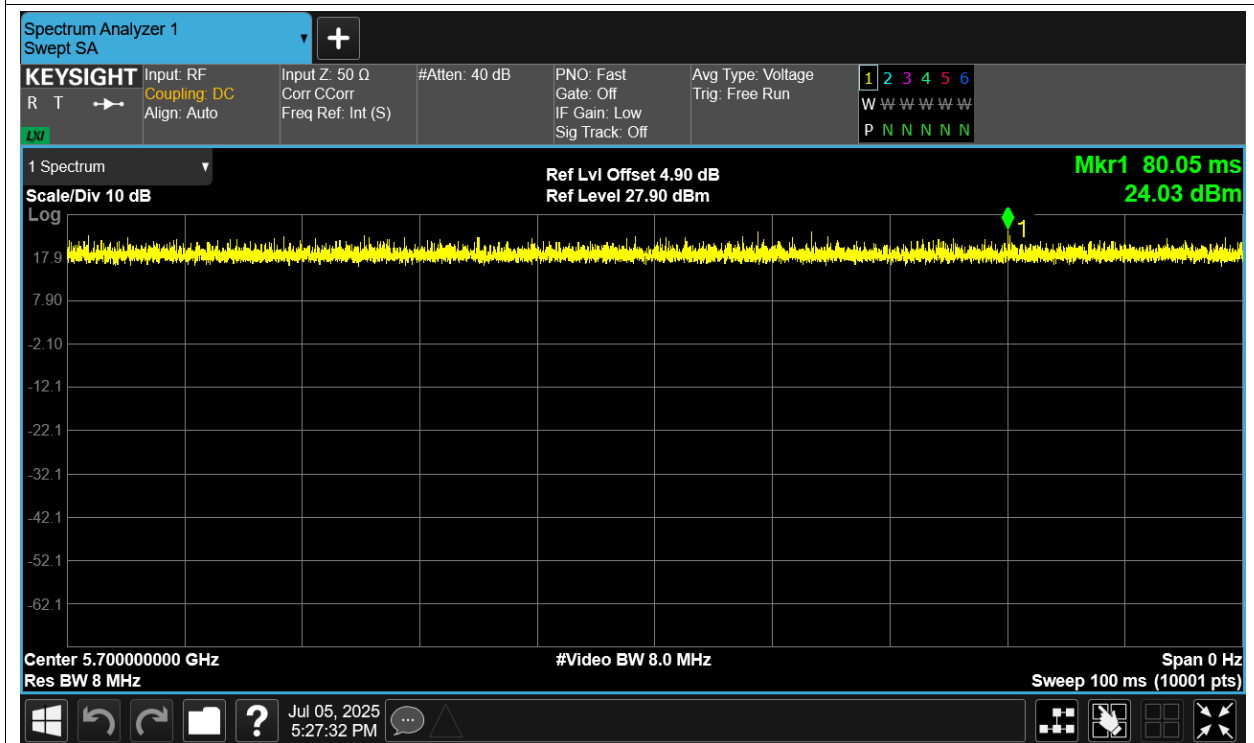
Duty Cycle NVNT n20 5500MHz Ant1



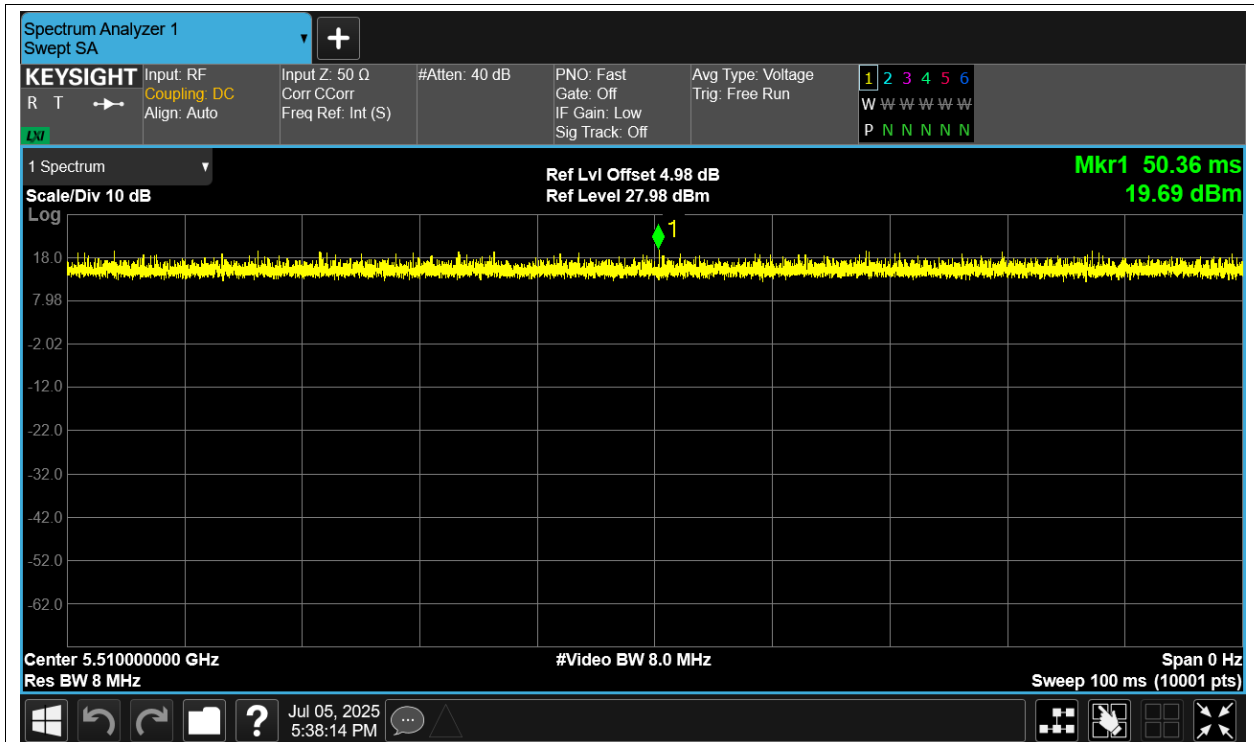
Duty Cycle NVNT n20 5600MHz Ant1



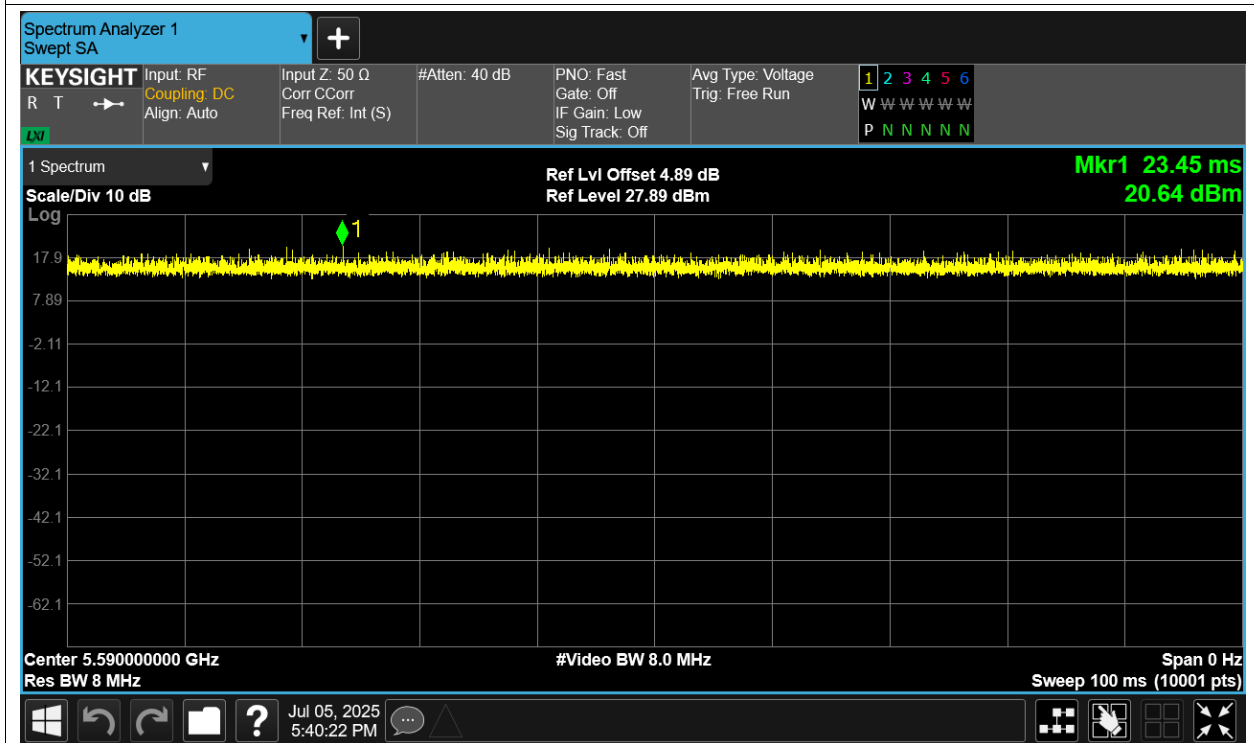
Duty Cycle NVNT n20 5700MHz Ant1



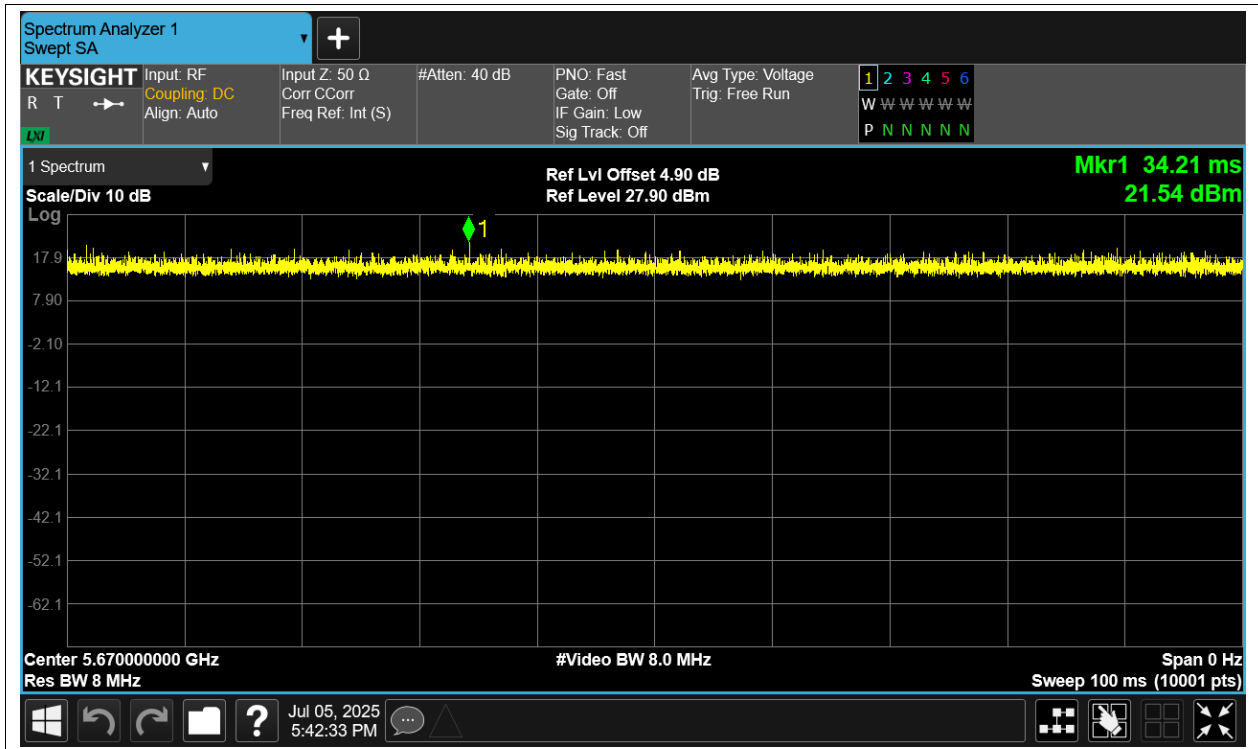
Duty Cycle NVNT n40 5510MHz Ant1



Duty Cycle NVNT n40 5590MHz Ant1



Duty Cycle NVNT n40 5670MHz Ant1



Maximum Conducted Output Power

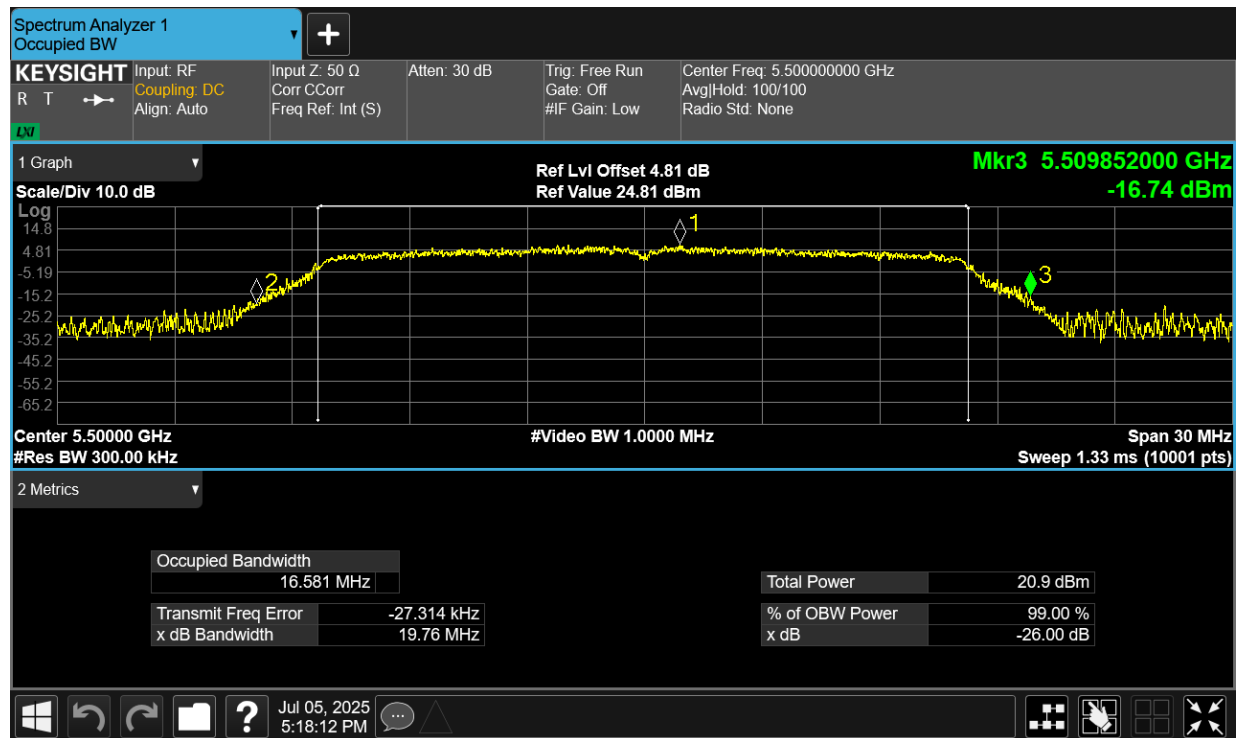
Condition	Mode	Frequency (MHz)	Antenna	Conducted Power (dBm)	Duty Factor (dB)	Total Power (dBm)	Limit (dBm)	Verdict
NVNT	a	5500	Ant1	14.85	0	14.85	24	Pass
NVNT	a	5600	Ant1	14.35	0	14.35	24	Pass
NVNT	a	5700	Ant1	13.96	0	13.96	24	Pass
NVNT	ac20	5500	Ant1	13.23	0	13.23	24	Pass
NVNT	ac20	5600	Ant1	12.78	0	12.78	24	Pass
NVNT	ac20	5700	Ant1	13.19	0	13.19	24	Pass
NVNT	ac40	5510	Ant1	13.04	0	13.04	24	Pass
NVNT	ac40	5590	Ant1	13	0	13	24	Pass
NVNT	ac40	5670	Ant1	13.19	0	13.19	24	Pass
NVNT	ac80	5530	Ant1	13.03	0	13.03	24	Pass
NVNT	ac80	5610	Ant1	12.69	0	12.69	24	Pass
NVNT	n20	5500	Ant1	13.76	0	13.76	24	Pass
NVNT	n20	5600	Ant1	13.31	0	13.31	24	Pass
NVNT	n20	5700	Ant1	13.72	0	13.72	24	Pass
NVNT	n40	5510	Ant1	13.45	0	13.45	24	Pass
NVNT	n40	5590	Ant1	13.51	0	13.51	24	Pass
NVNT	n40	5670	Ant1	13.64	0	13.64	24	Pass

-26dB Bandwidth

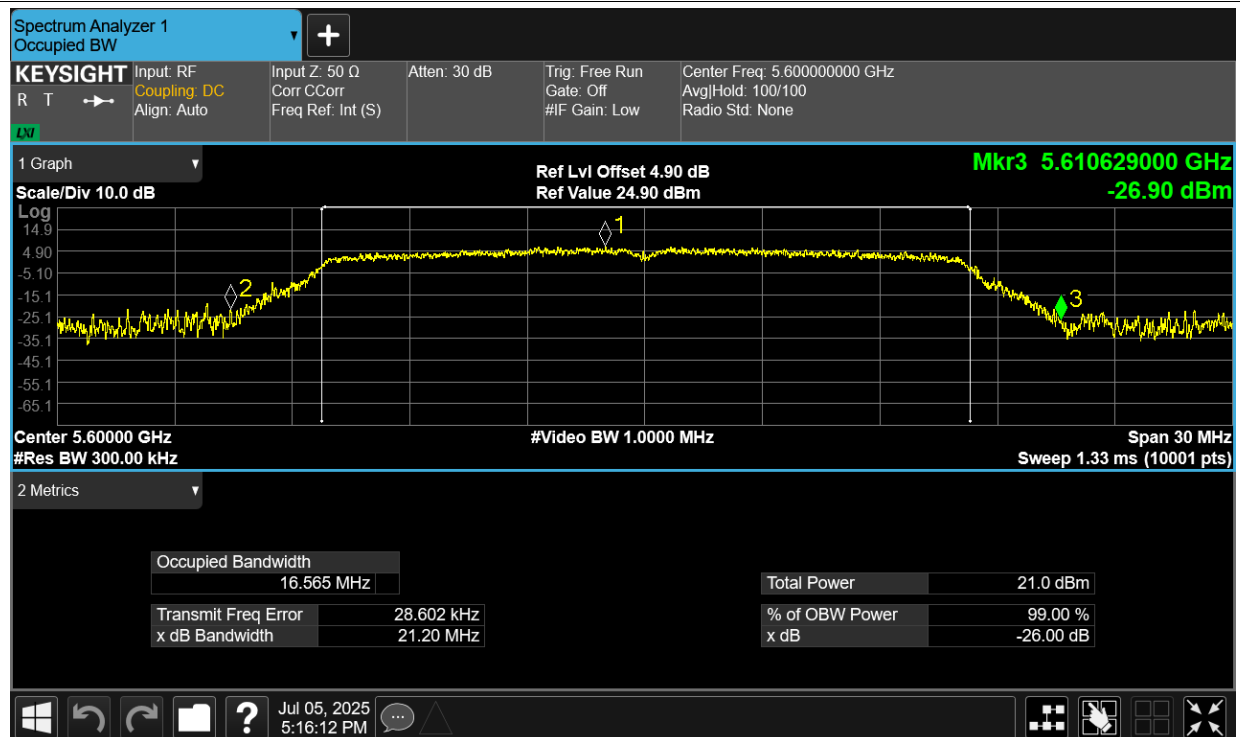
Condition	Mode	Frequency (MHz)	Antenna	-26 dB Bandwidth (MHz)
NVNT	a	5500	Ant1	19.758
NVNT	a	5600	Ant1	21.2
NVNT	a	5700	Ant1	20.091
NVNT	ac20	5500	Ant1	20.548
NVNT	ac20	5600	Ant1	20.46
NVNT	ac20	5700	Ant1	20.287
NVNT	ac40	5510	Ant1	40.153
NVNT	ac40	5590	Ant1	40.203
NVNT	ac40	5670	Ant1	40.23
NVNT	ac80	5530	Ant1	80.052
NVNT	ac80	5610	Ant1	80.404
NVNT	n20	5500	Ant1	20.271
NVNT	n20	5600	Ant1	20.235
NVNT	n20	5700	Ant1	20.312
NVNT	n40	5510	Ant1	40.044
NVNT	n40	5590	Ant1	40.329
NVNT	n40	5670	Ant1	40.238

Test Graphs

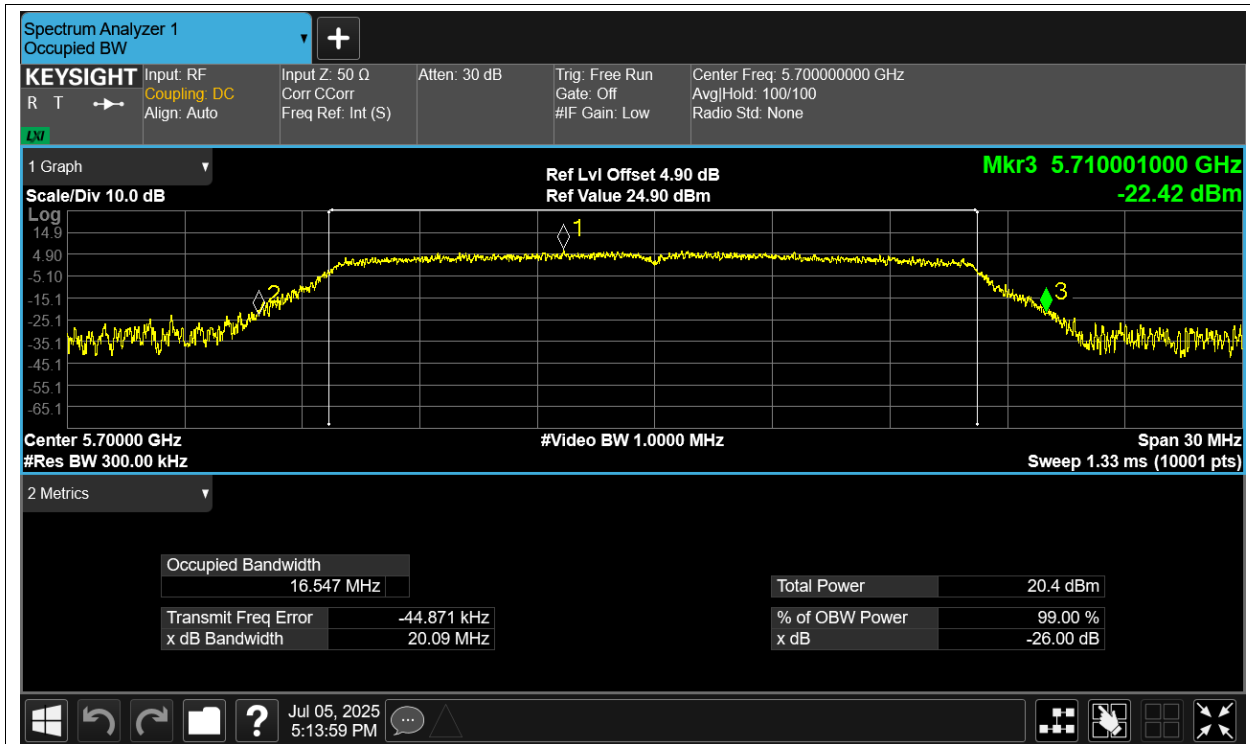
-26dB Bandwidth NVNT a 5500MHz Ant1



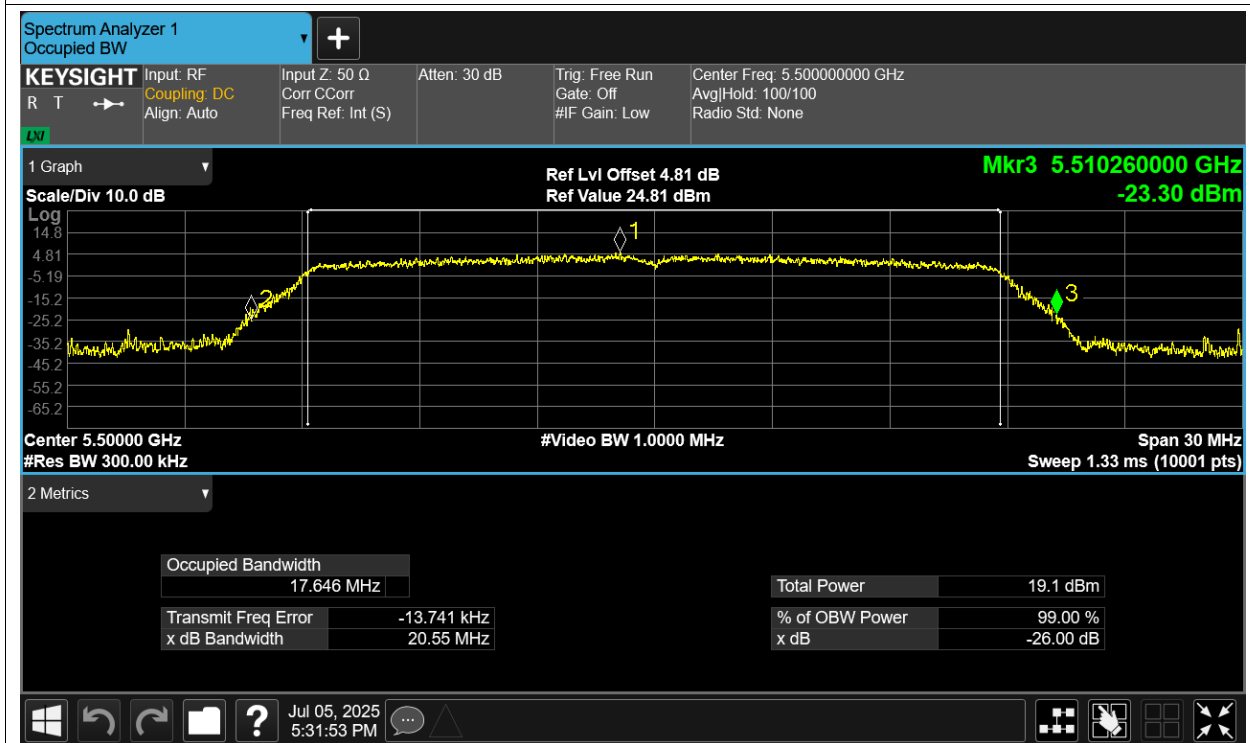
-26dB Bandwidth NVNT a 5600MHz Ant1



-26dB Bandwidth NVNT a 5700MHz Ant1



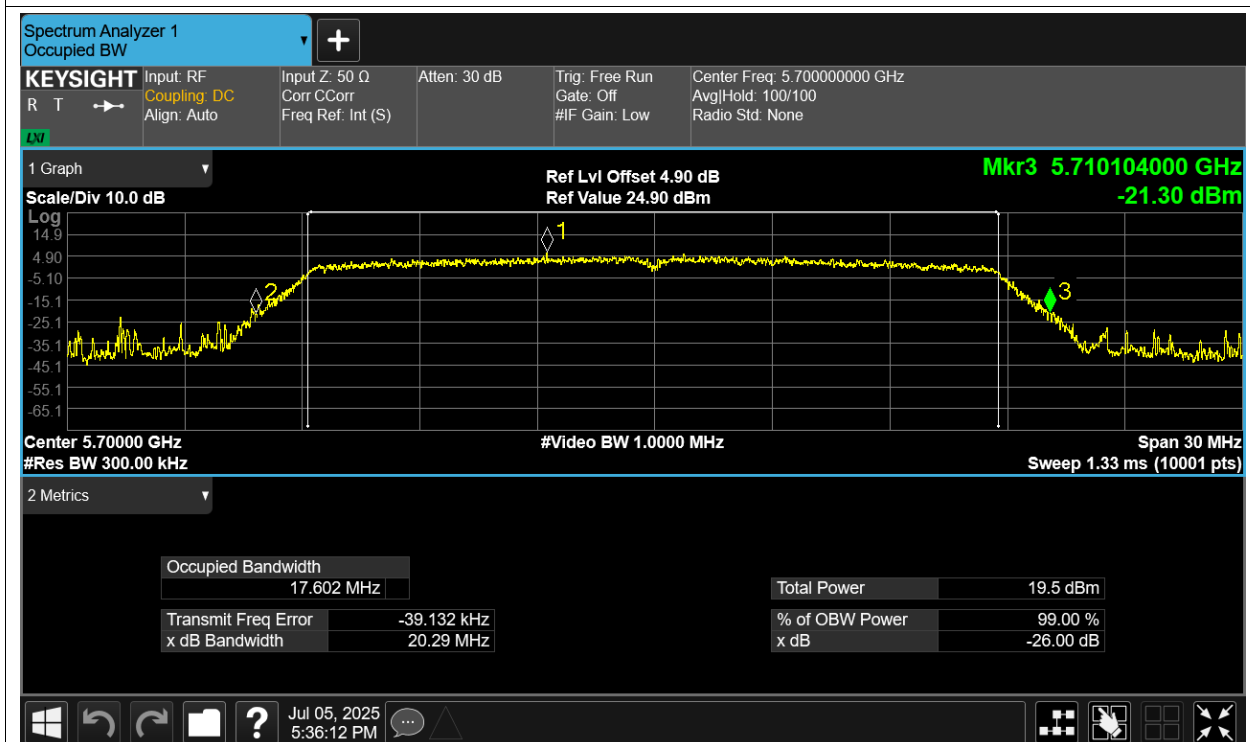
-26dB Bandwidth NVNT ac20 5500MHz Ant1



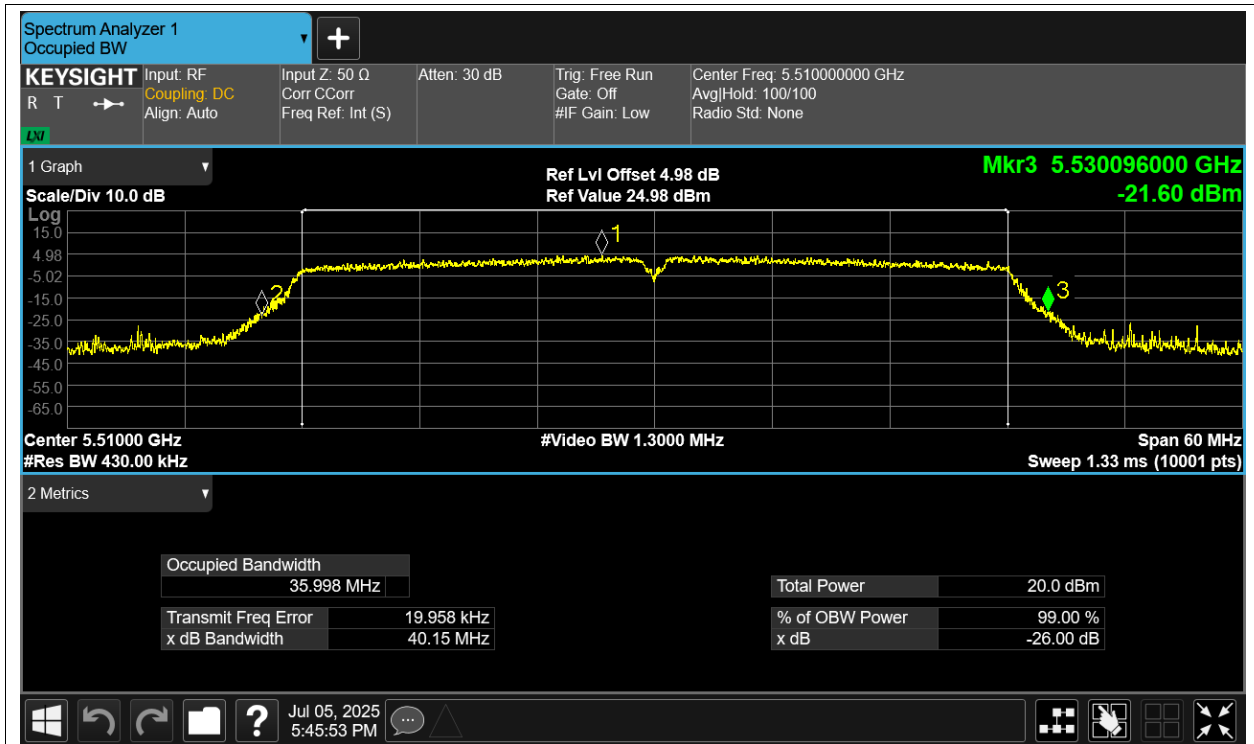
-26dB Bandwidth NVNT ac20 5600MHz Ant1



-26dB Bandwidth NVNT ac20 5700MHz Ant1



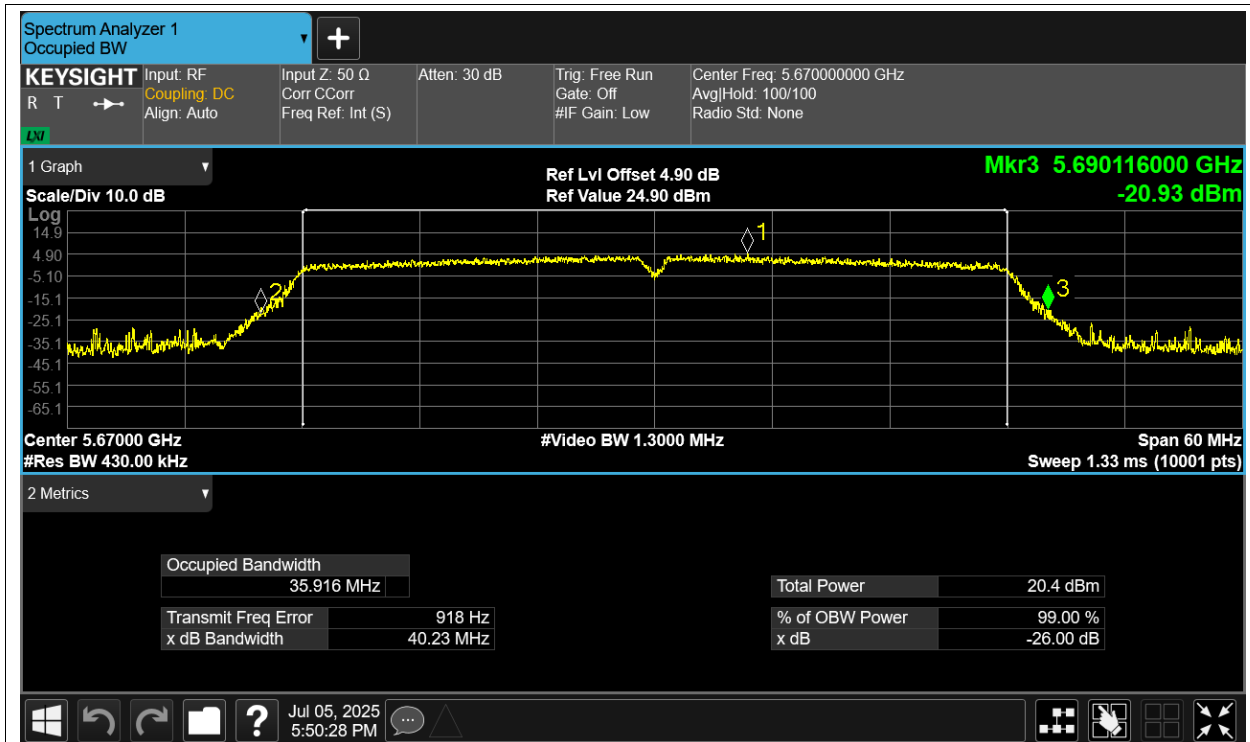
-26dB Bandwidth NVNT ac40 5510MHz Ant1



-26dB Bandwidth NVNT ac40 5590MHz Ant1



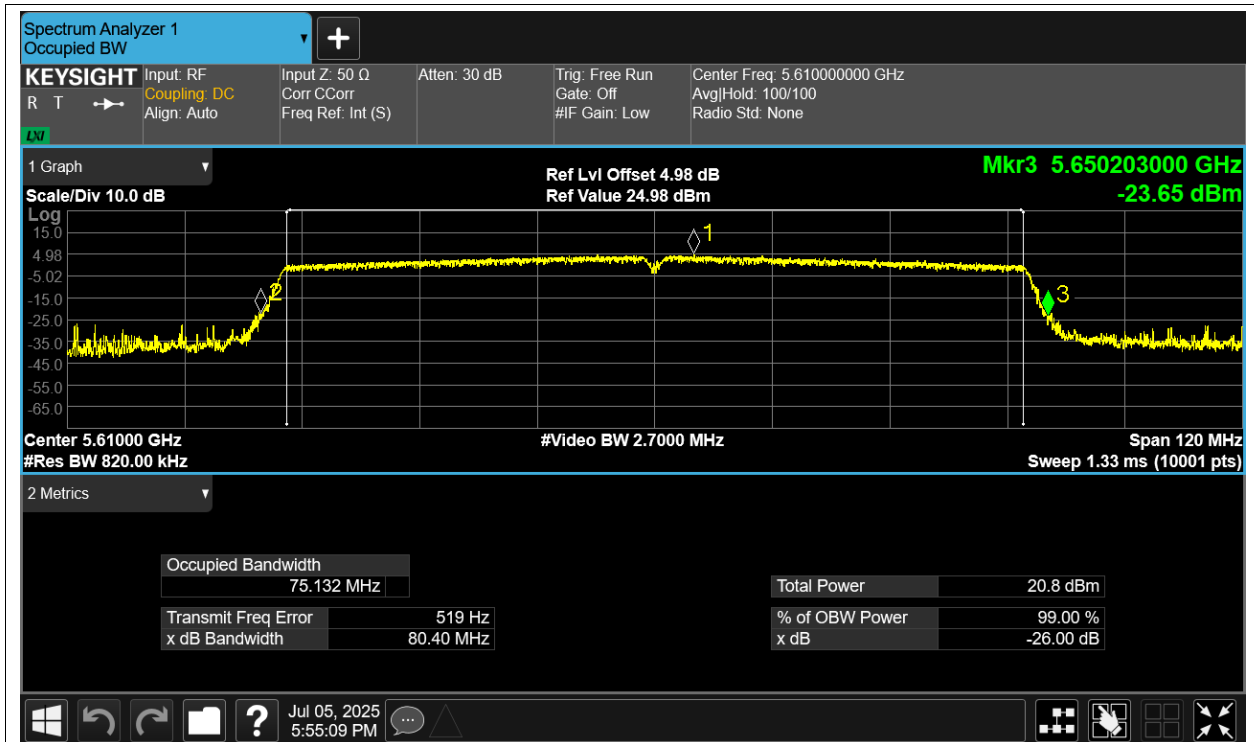
-26dB Bandwidth NVNT ac40 5670MHz Ant1



-26dB Bandwidth NVNT ac80 5530MHz Ant1



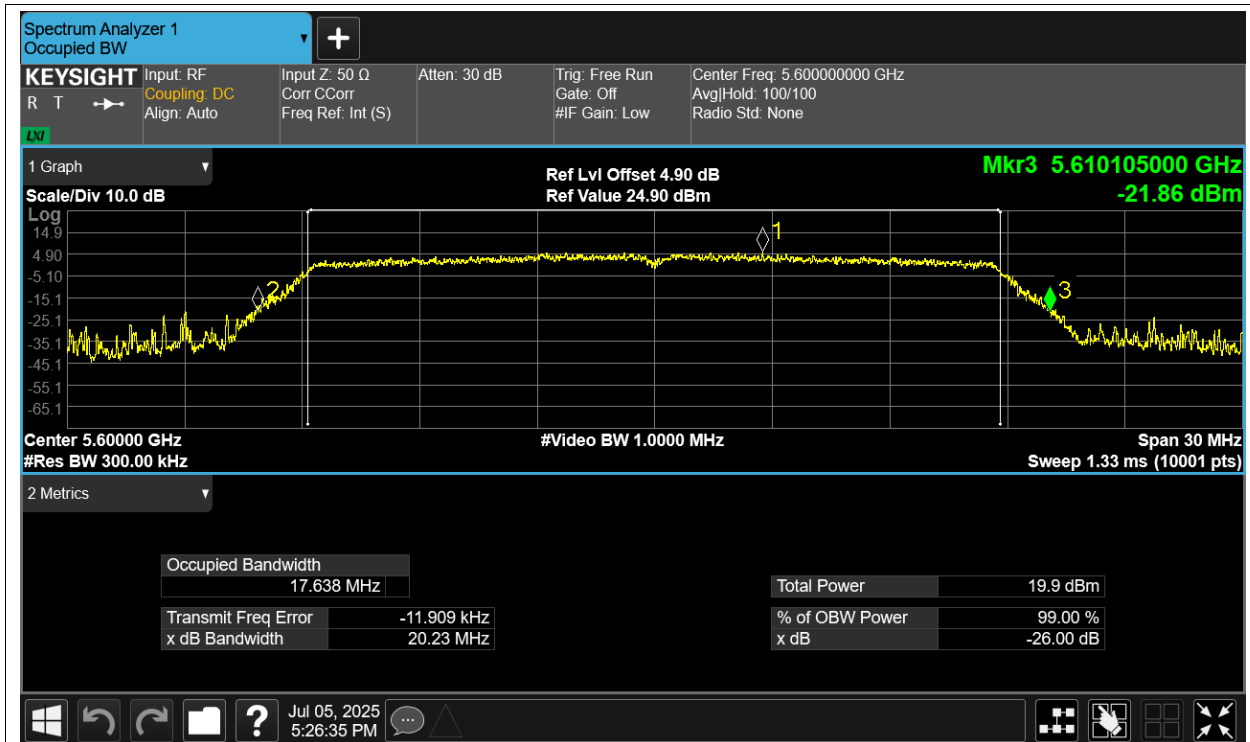
-26dB Bandwidth NVNT ac80 5610MHz Ant1



-26dB Bandwidth NVNT n20 5500MHz Ant1



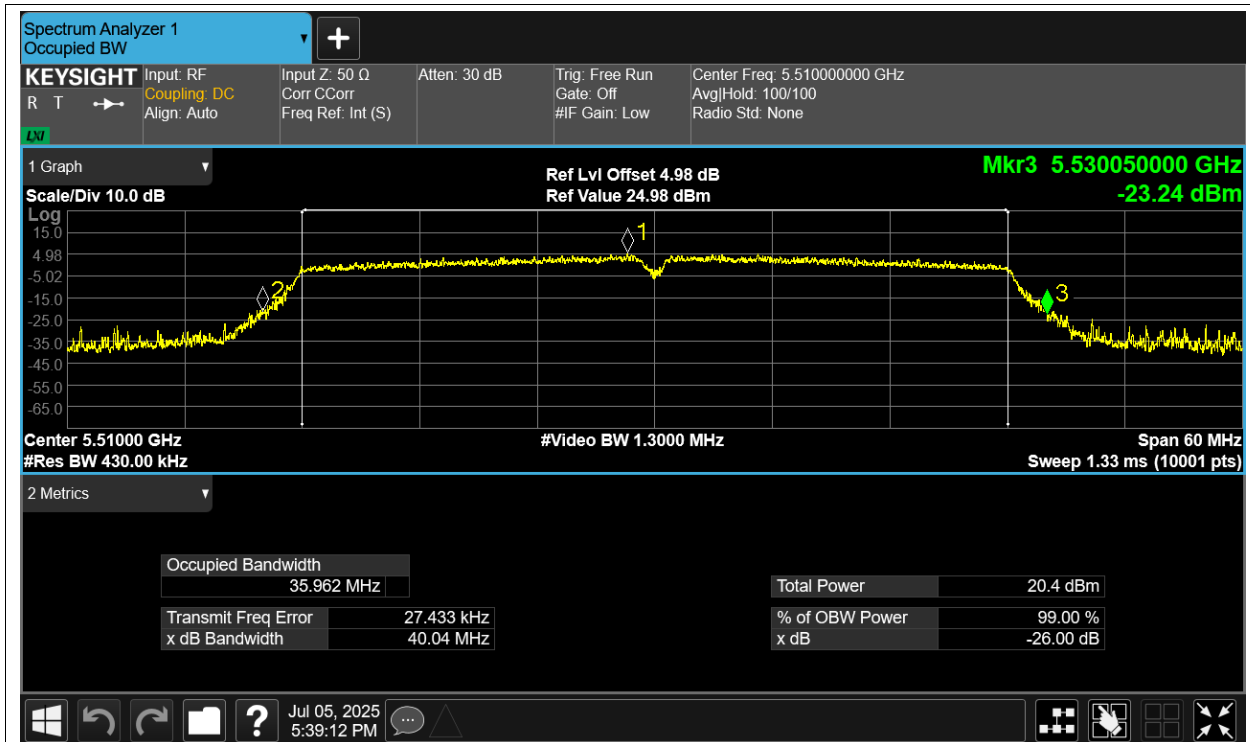
-26dB Bandwidth NVNT n20 5600MHz Ant1



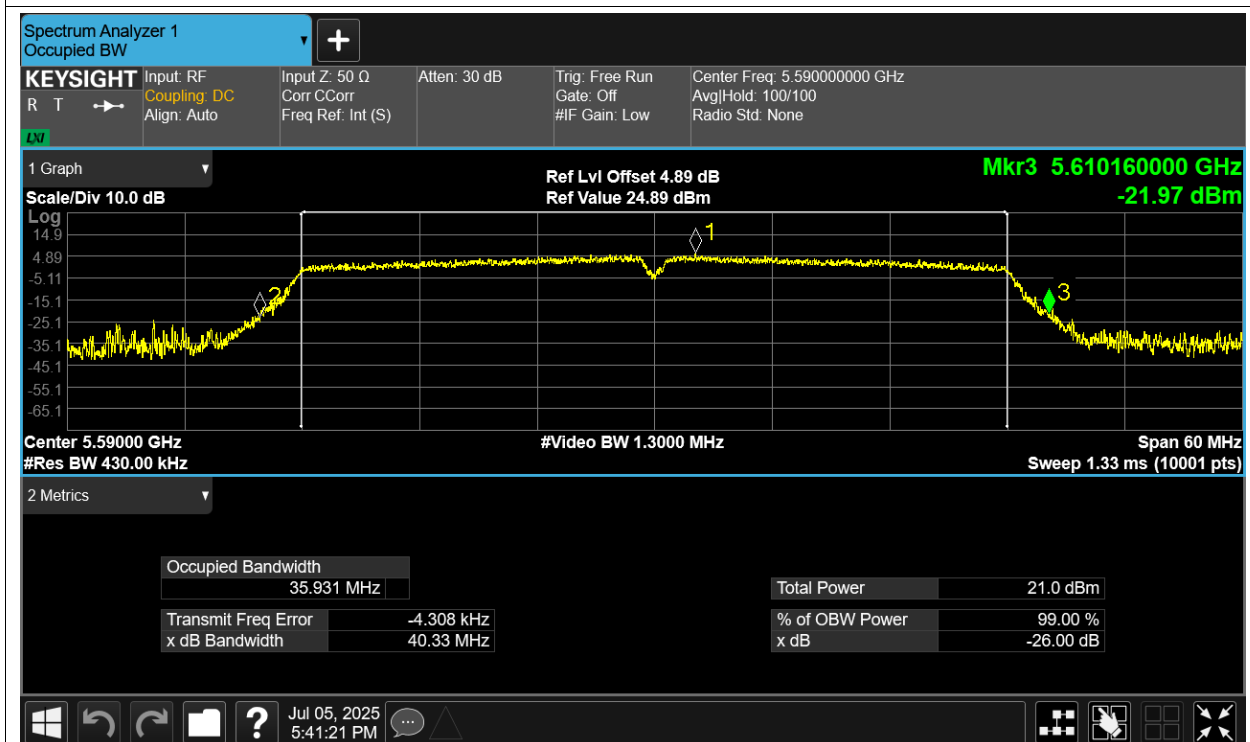
-26dB Bandwidth NVNT n20 5700MHz Ant1



-26dB Bandwidth NVNT n40 5510MHz Ant1



-26dB Bandwidth NVNT n40 5590MHz Ant1



-26dB Bandwidth NVNT n40 5670MHz Ant1

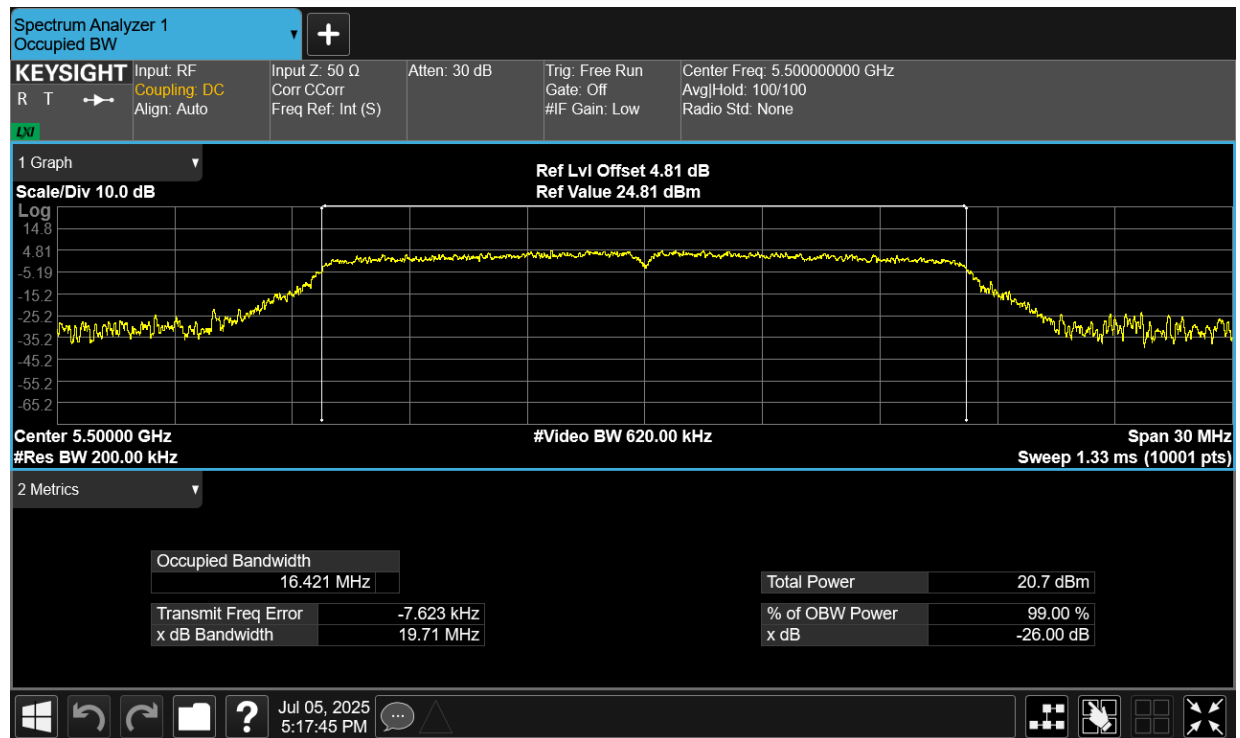


Occupied Channel Bandwidth

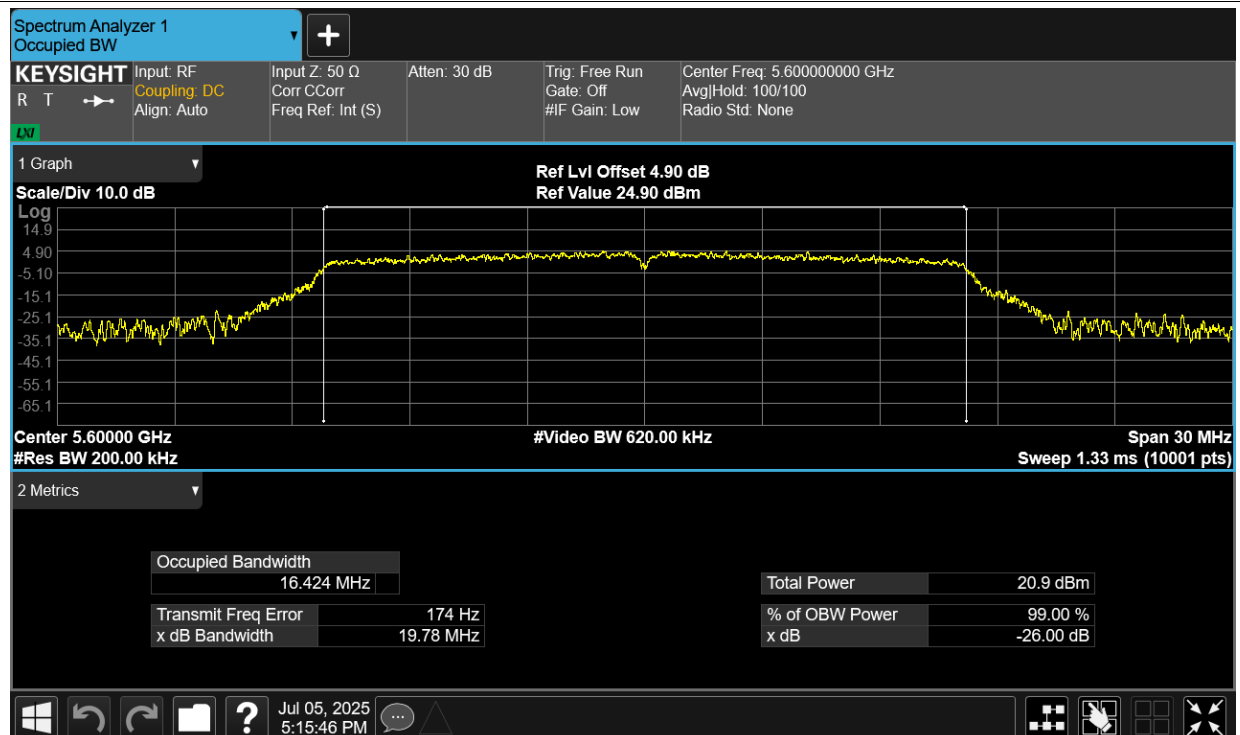
Condition	Mode	Frequency (MHz)	Antenna	99% OBW (MHz)
NVNT	a	5500	Ant1	16.421
NVNT	a	5600	Ant1	16.424
NVNT	a	5700	Ant1	16.391
NVNT	ac20	5500	Ant1	17.552
NVNT	ac20	5600	Ant1	17.544
NVNT	ac20	5700	Ant1	17.557
NVNT	ac40	5510	Ant1	35.917
NVNT	ac40	5590	Ant1	35.919
NVNT	ac40	5670	Ant1	35.951
NVNT	ac80	5530	Ant1	75.048
NVNT	ac80	5610	Ant1	75.133
NVNT	n20	5500	Ant1	17.579
NVNT	n20	5600	Ant1	17.567
NVNT	n20	5700	Ant1	17.567
NVNT	n40	5510	Ant1	35.885
NVNT	n40	5590	Ant1	35.902
NVNT	n40	5670	Ant1	35.98

Test Graphs

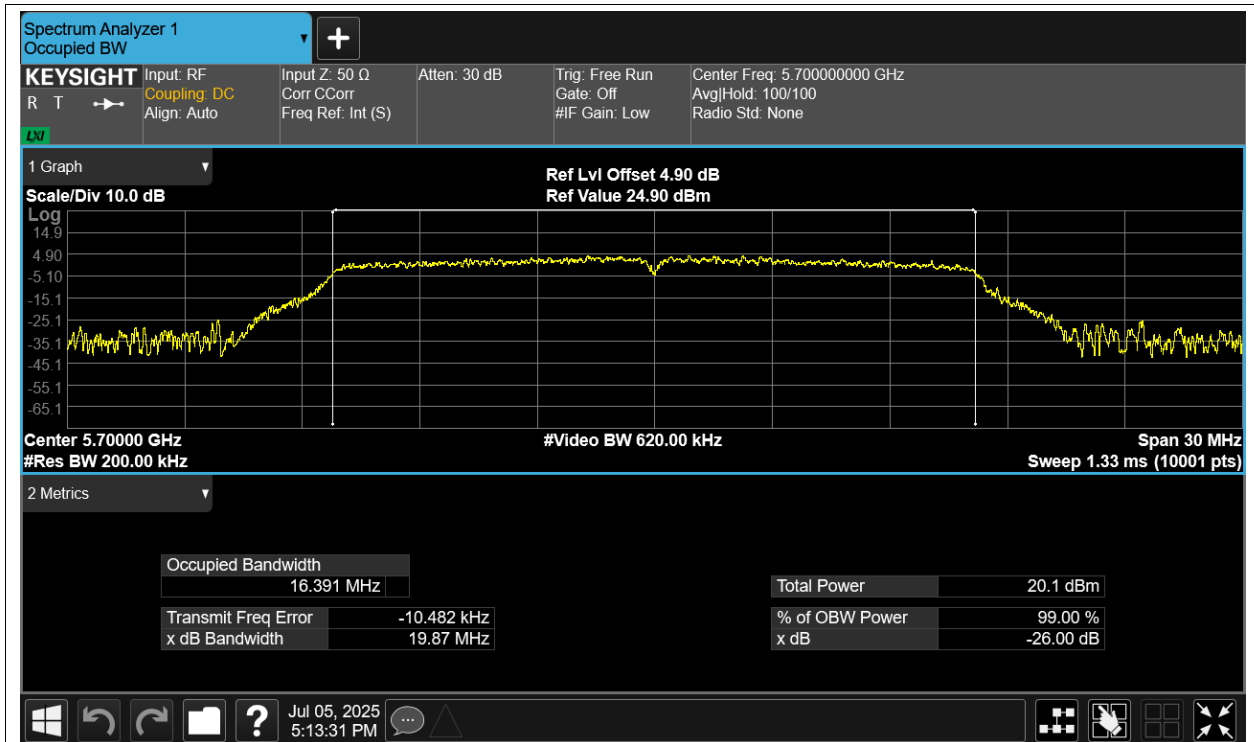
OBW NVNT a 5500MHz Ant1



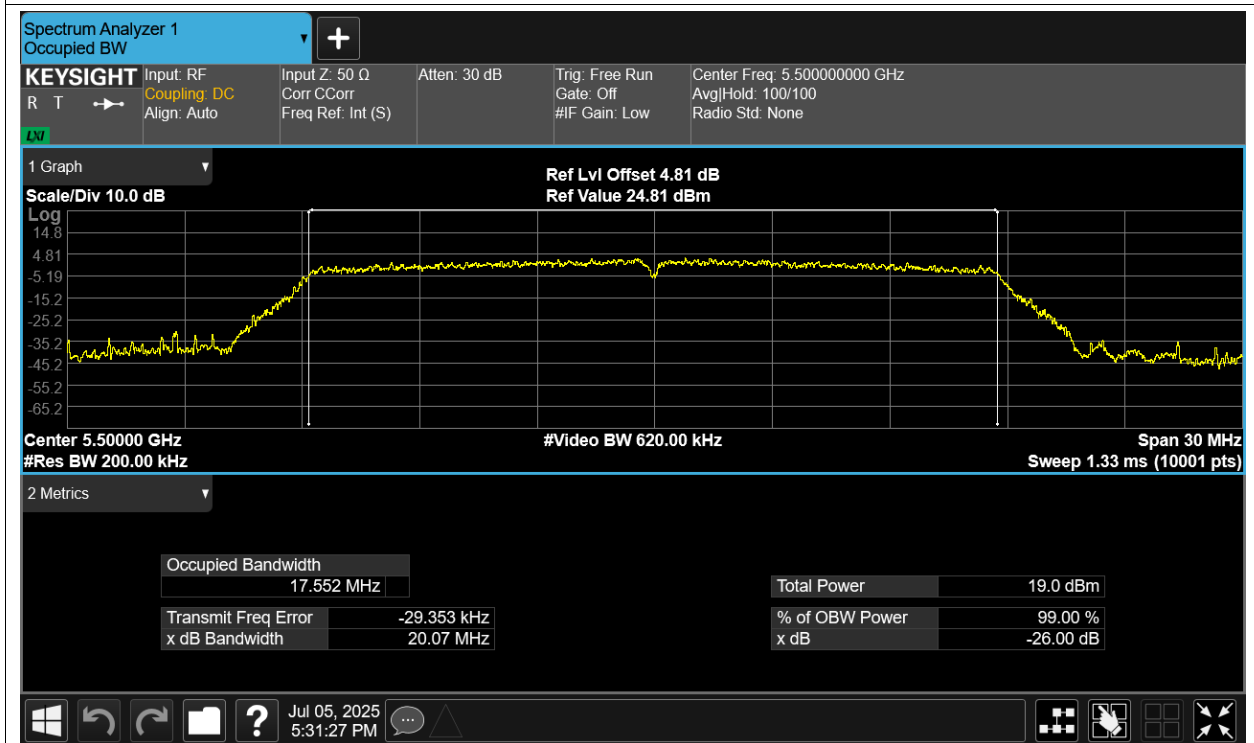
OBW NVNT a 5600MHz Ant1



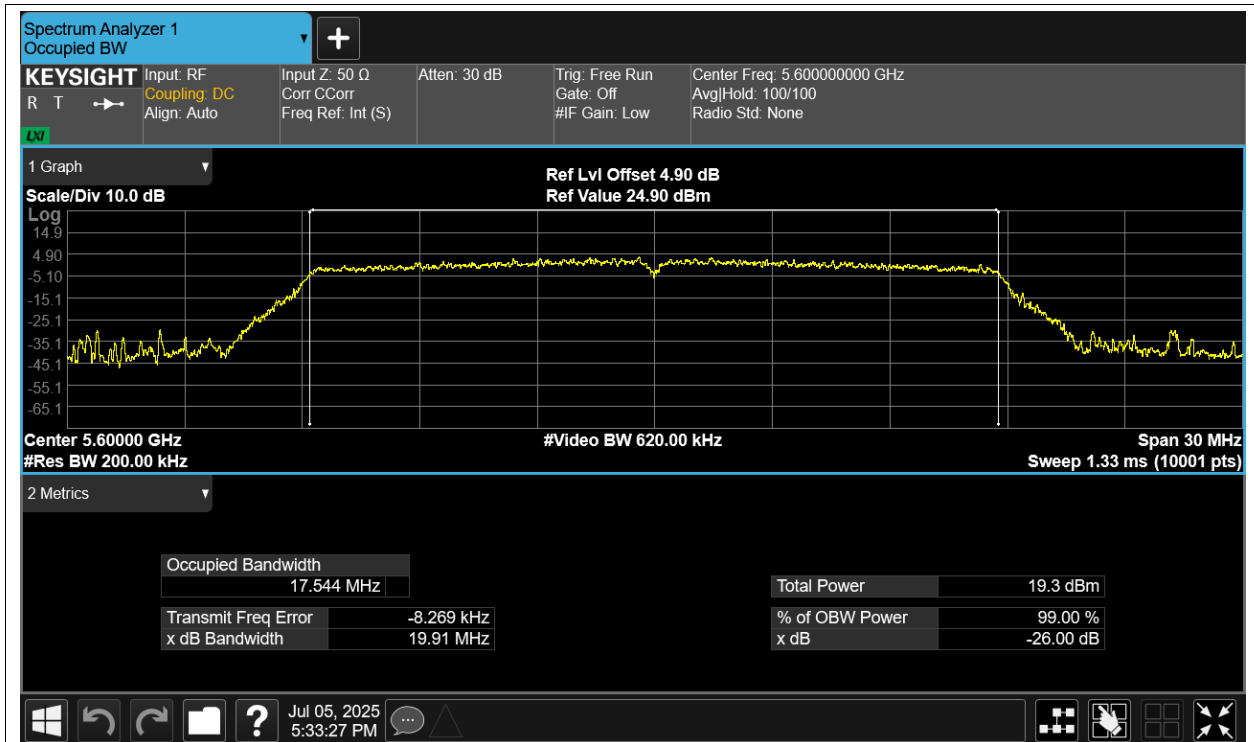
OBW NVNT a 5700MHz Ant1



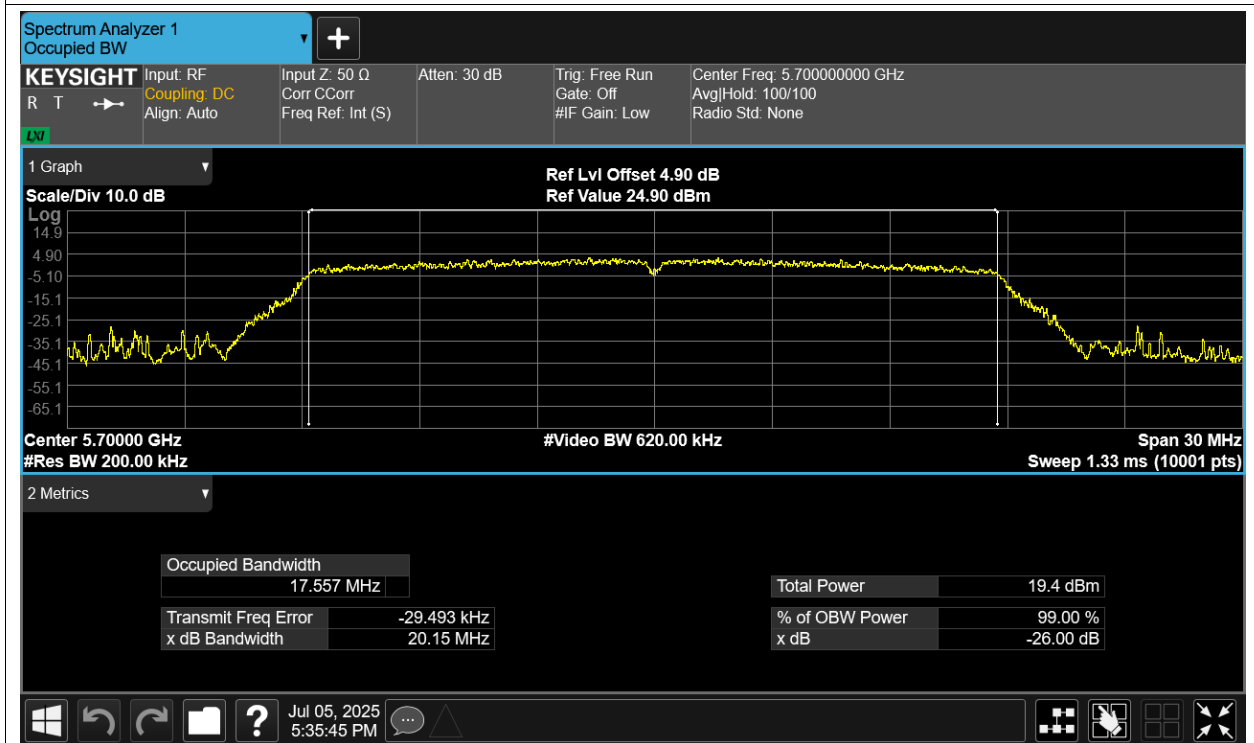
OBW NVNT ac20 5500MHz Ant1



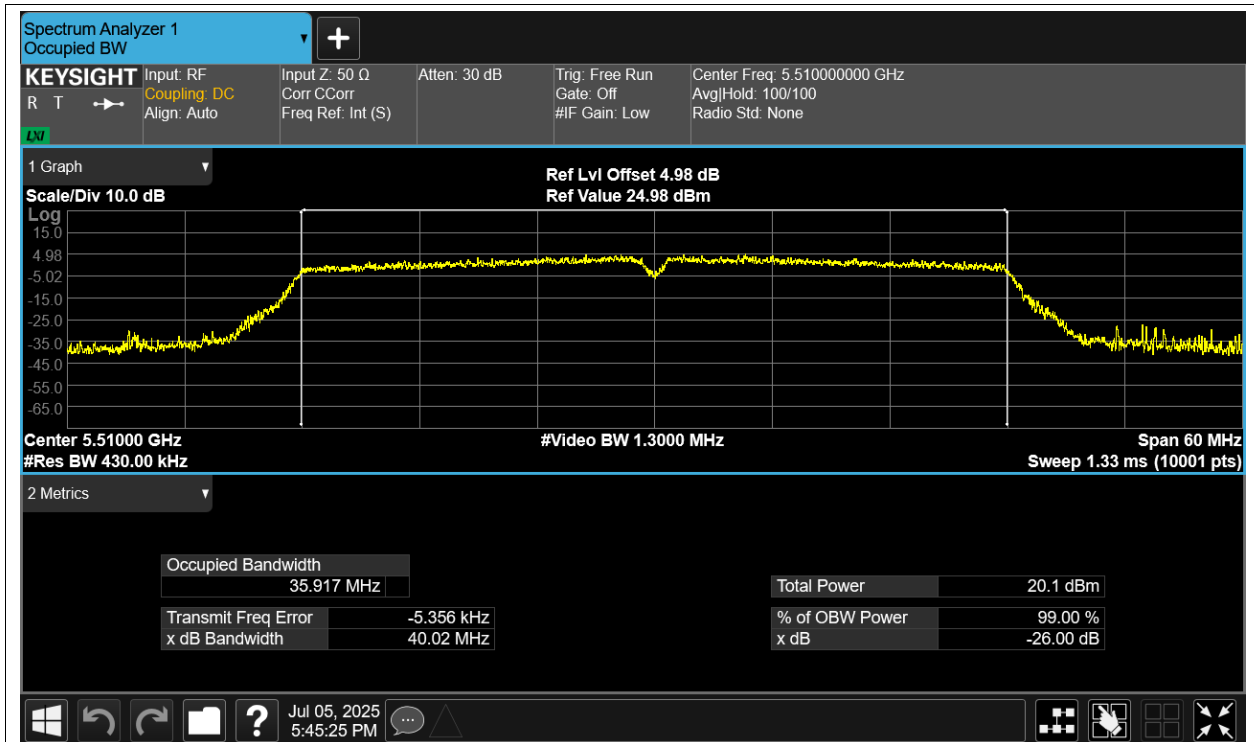
OBW NVNT ac20 5600MHz Ant1



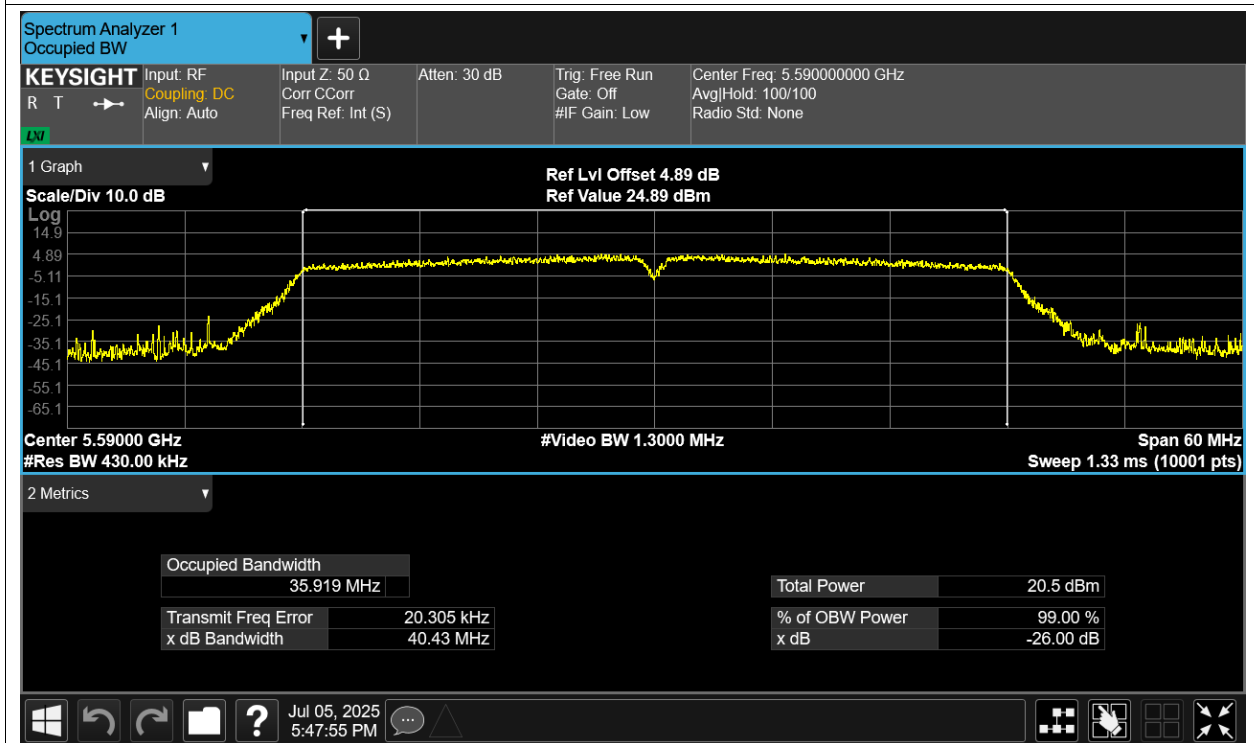
OBW NVNT ac20 5700MHz Ant1



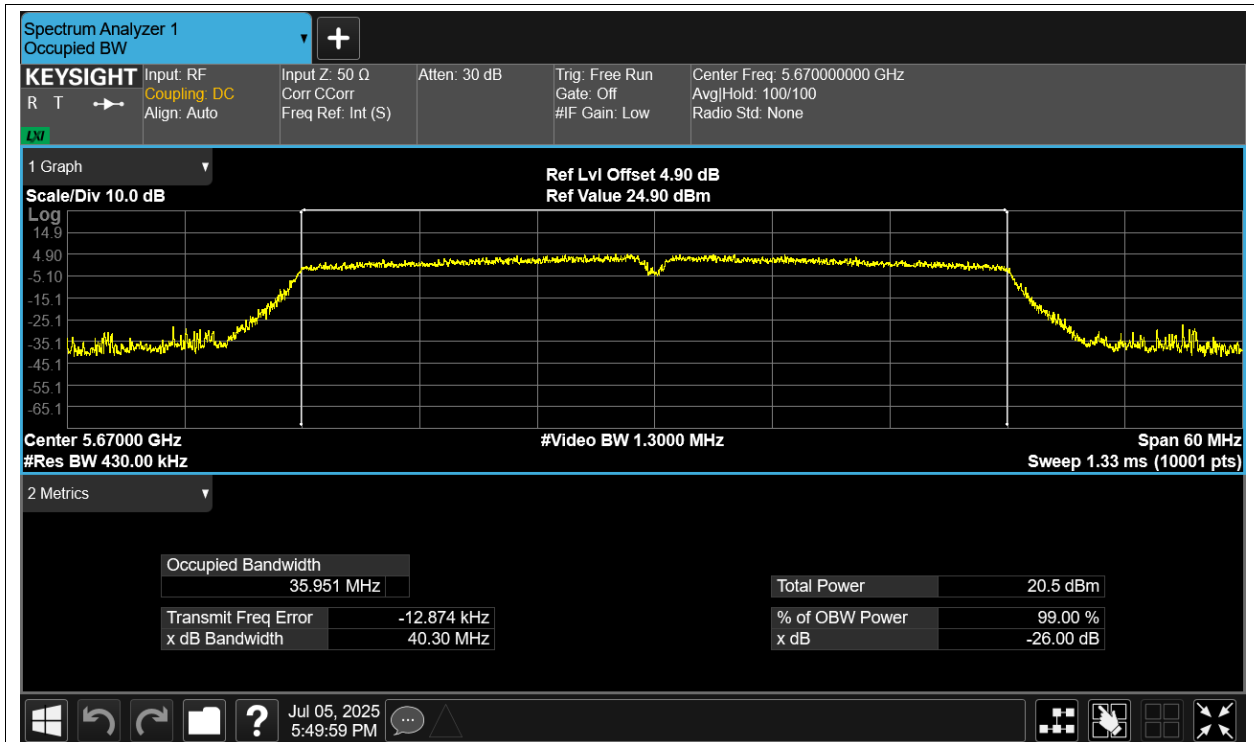
OBW NVNT ac40 5510MHz Ant1



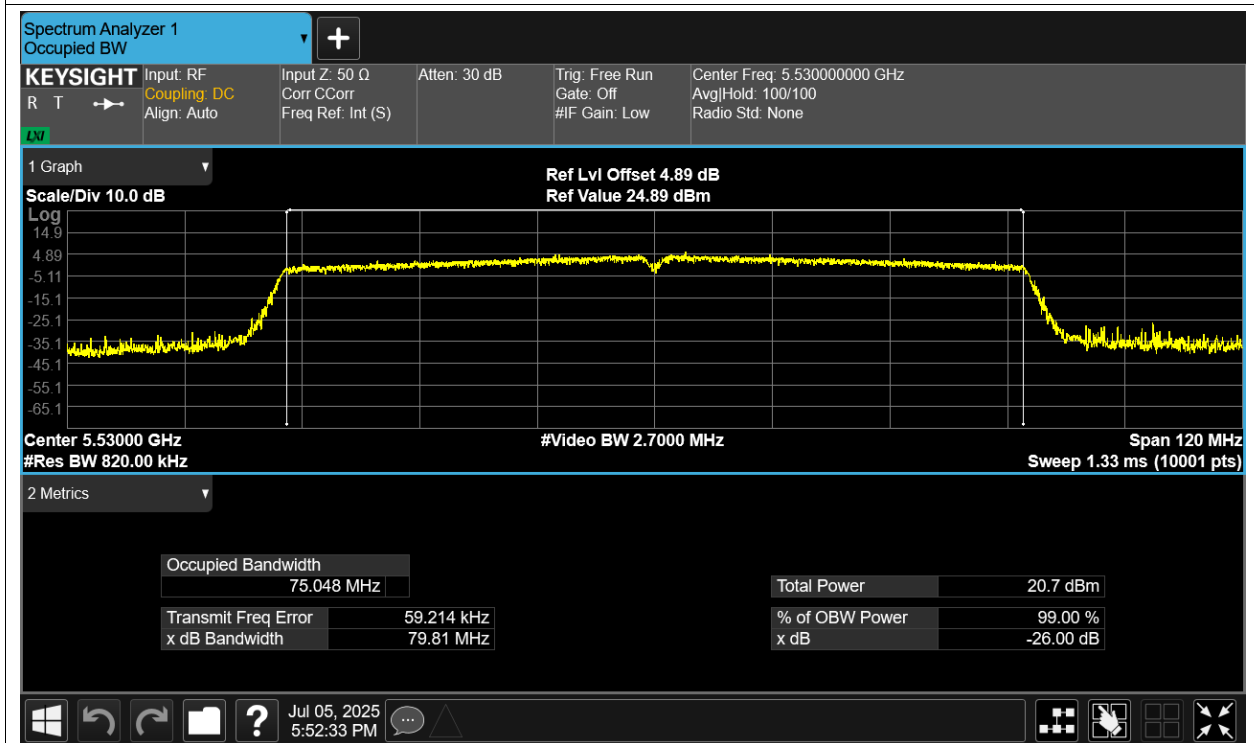
OBW NVNT ac40 5590MHz Ant1



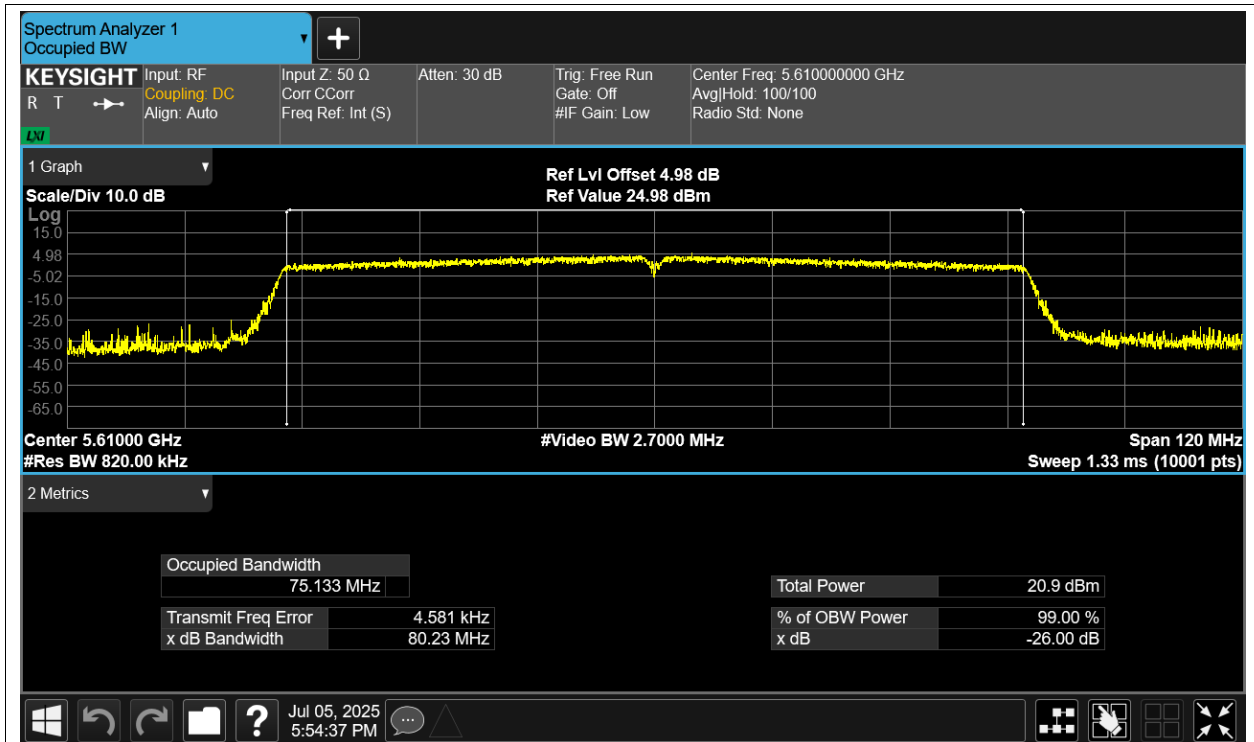
OBW NVNT ac40 5670MHz Ant1



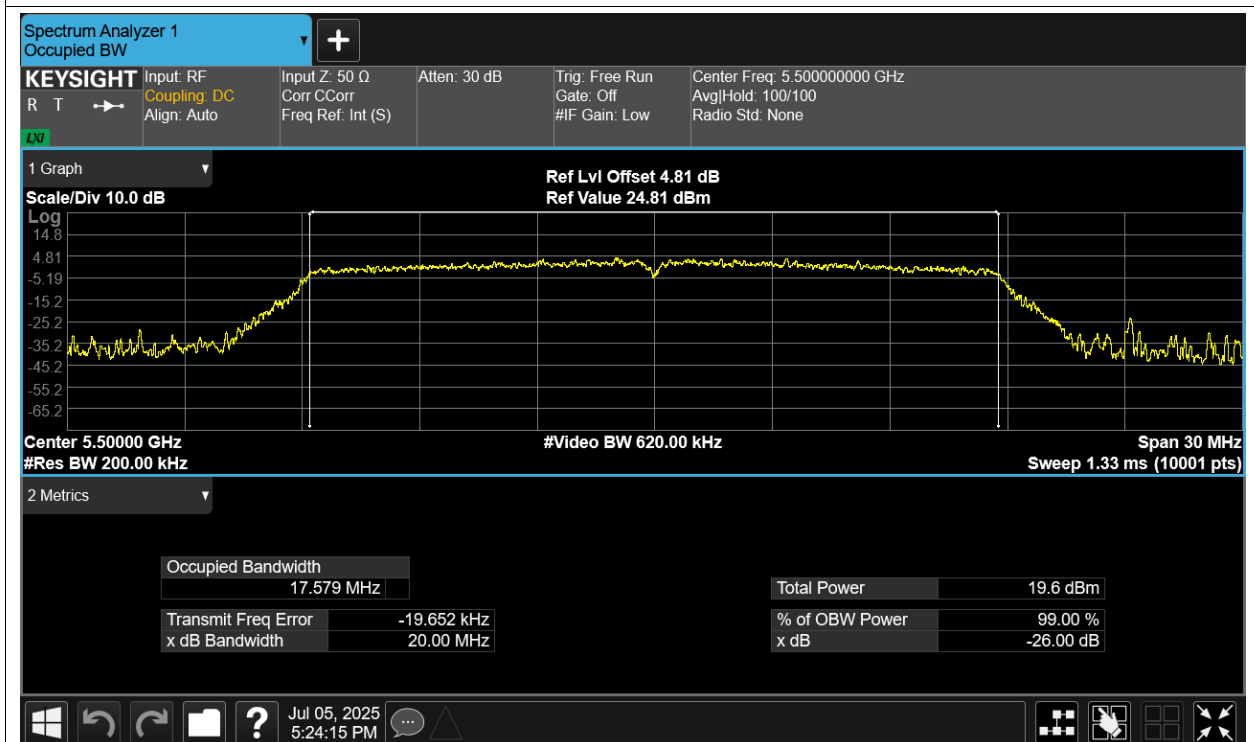
OBW NVNT ac80 5530MHz Ant1



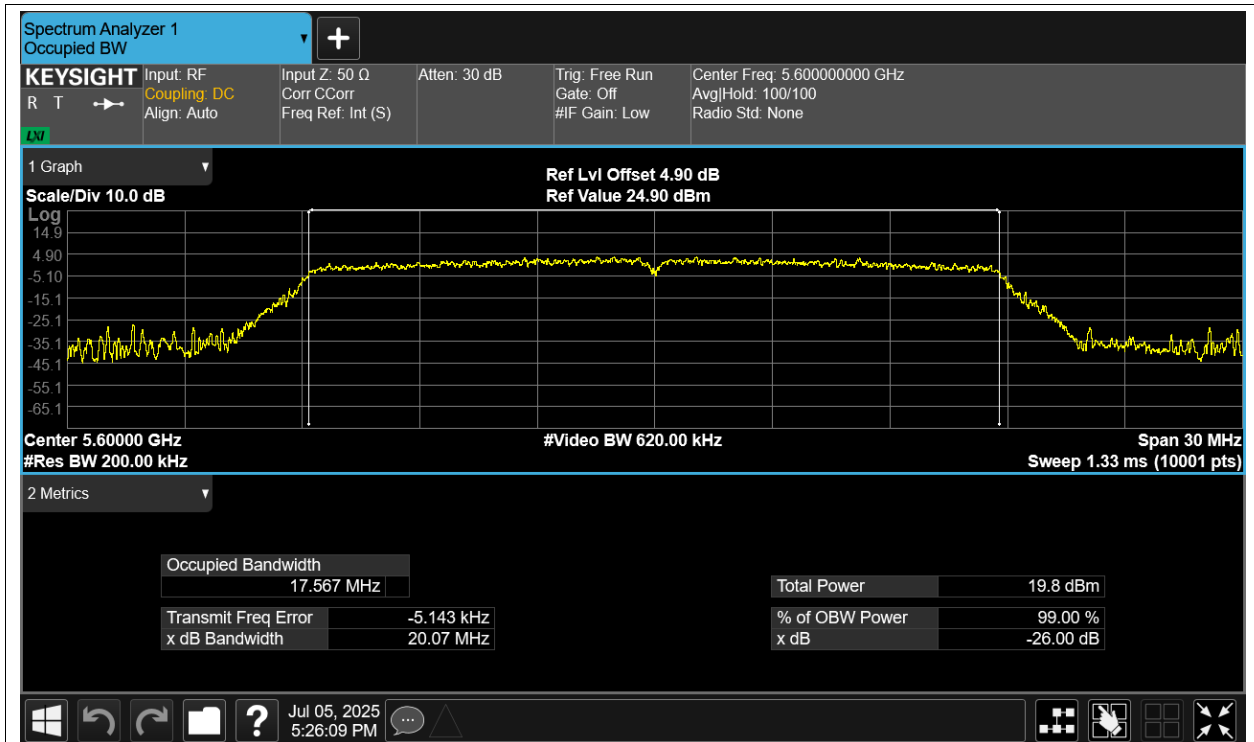
OBW NVNT ac80 5610MHz Ant1



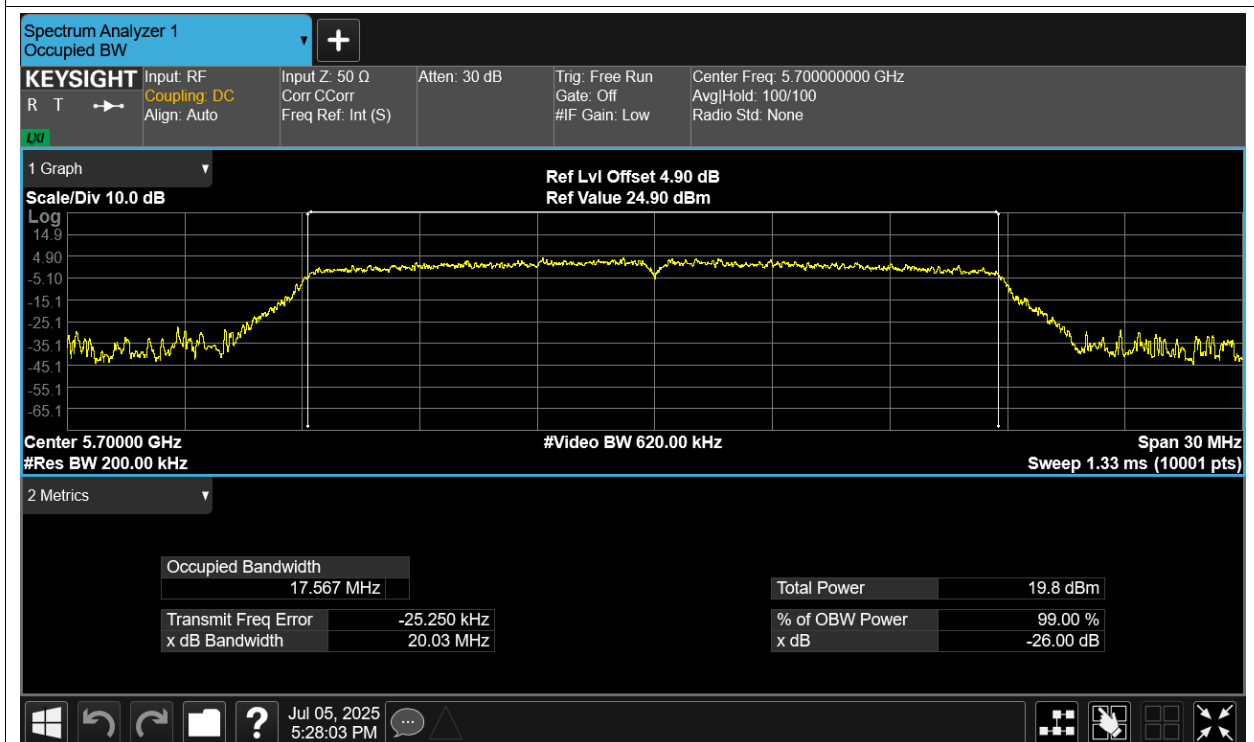
OBW NVNT n20 5500MHz Ant1



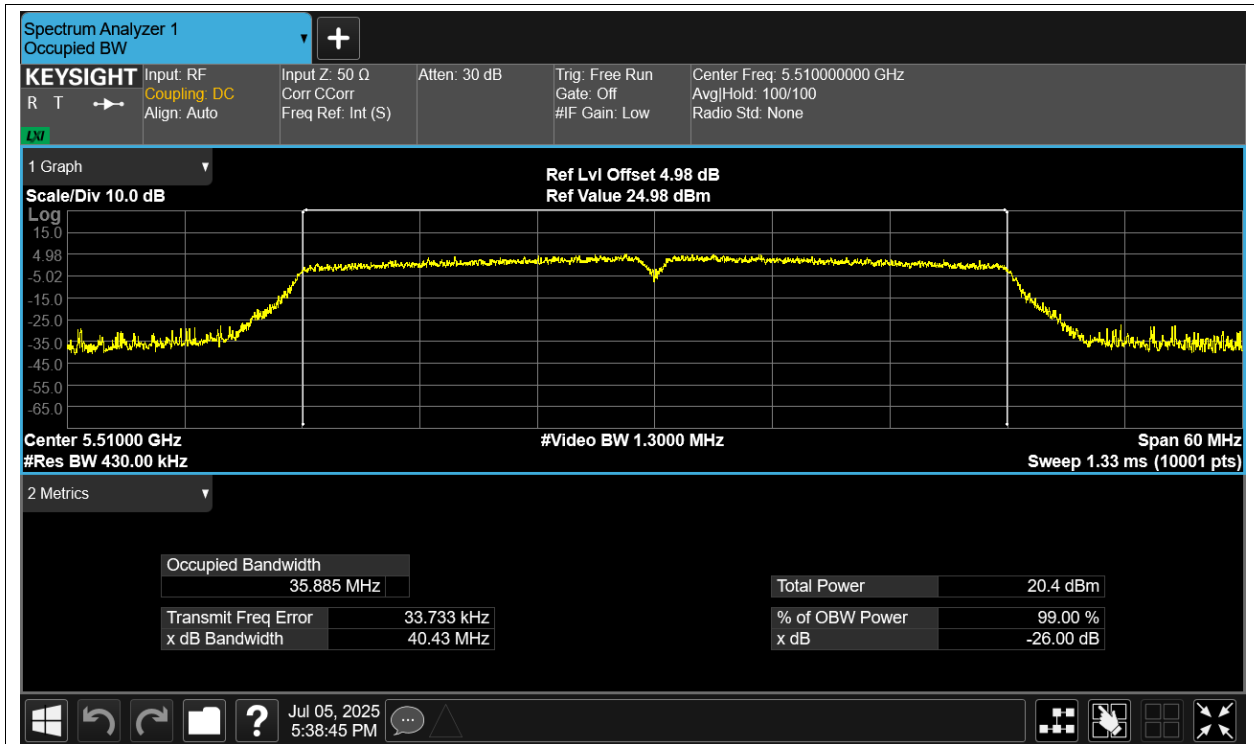
OBW NVNT n20 5600MHz Ant1



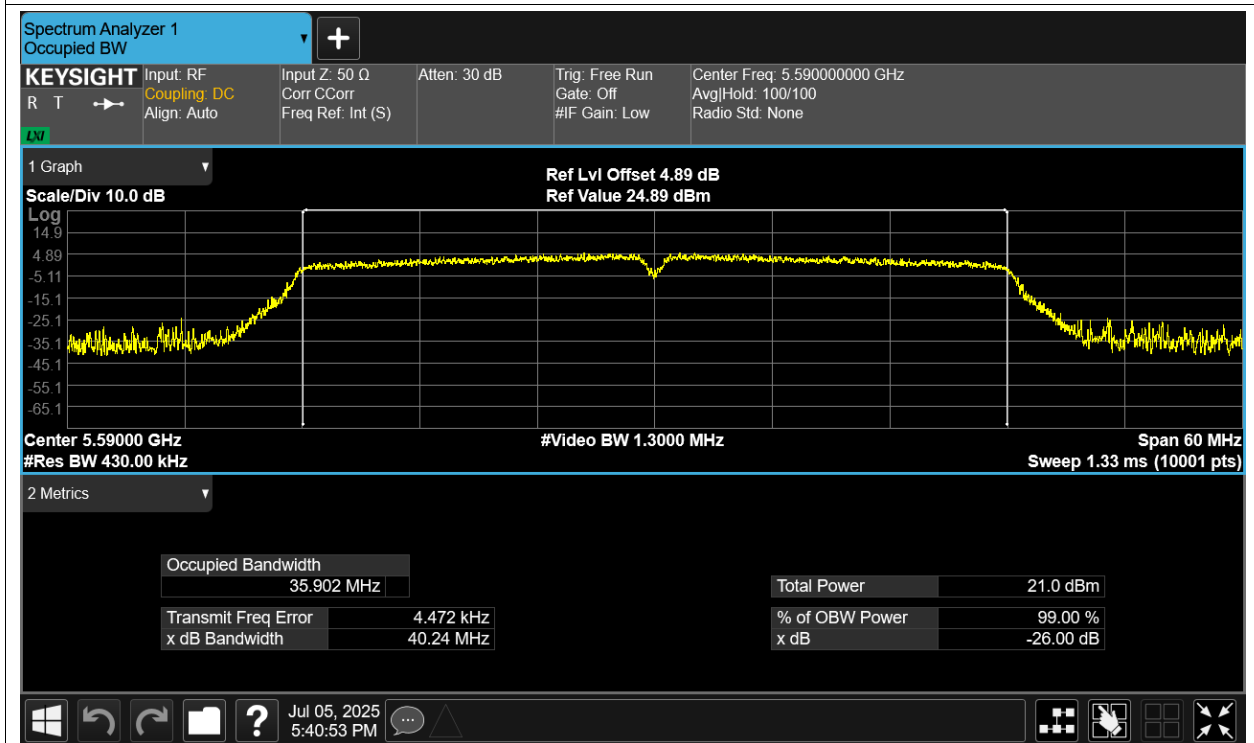
OBW NVNT n20 5700MHz Ant1



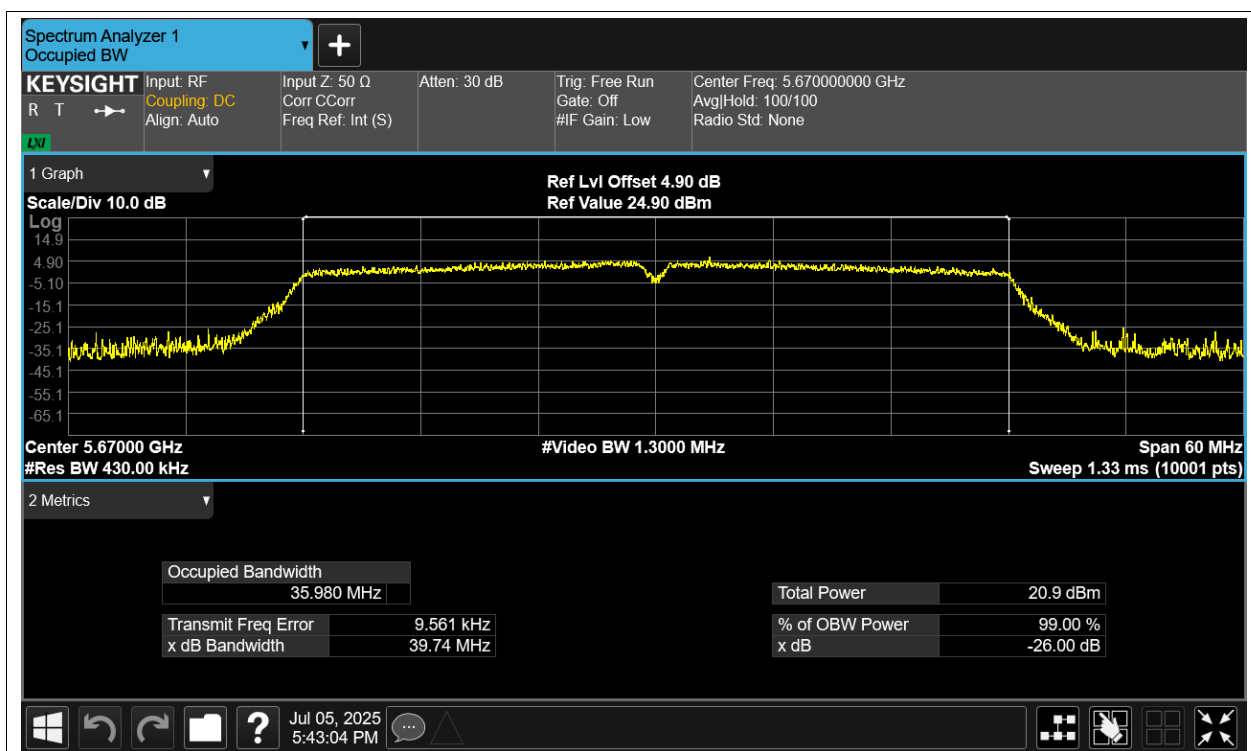
OBW NVNT n40 5510MHz Ant1



OBW NVNT n40 5590MHz Ant1



OBW NVNT n40 5670MHz Ant1

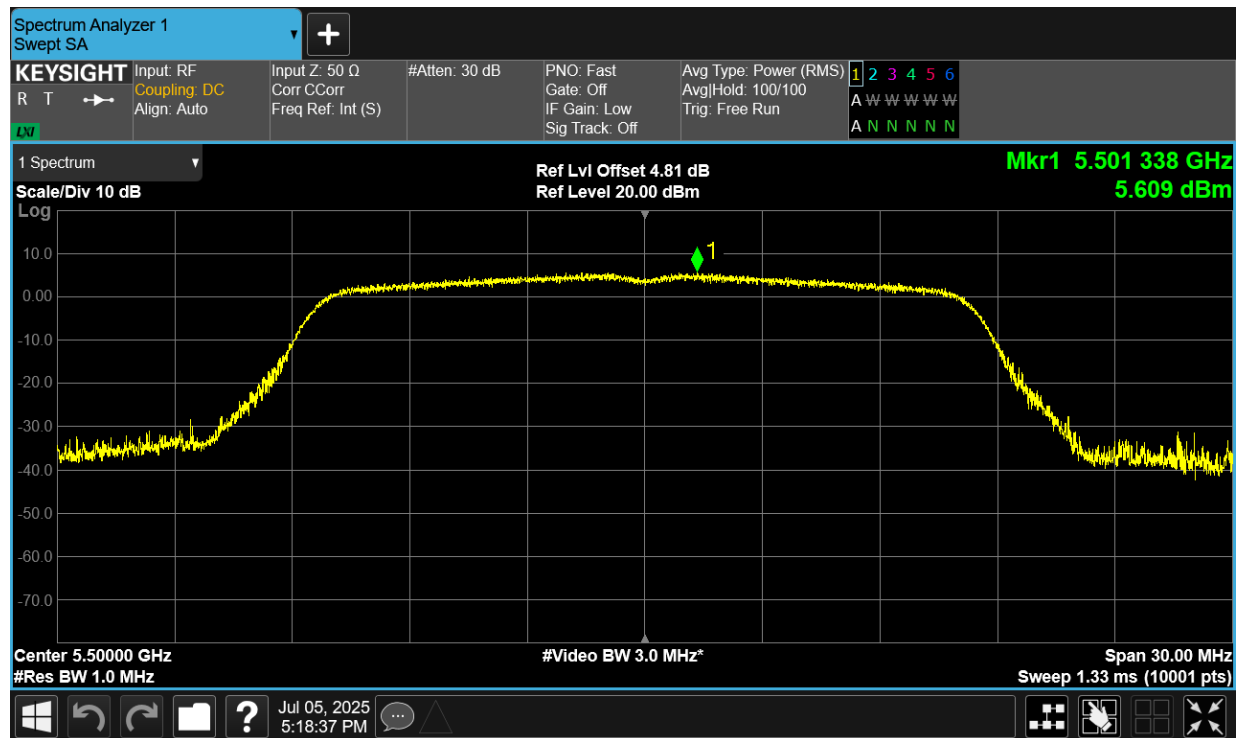


Maximum Power Spectral Density Level

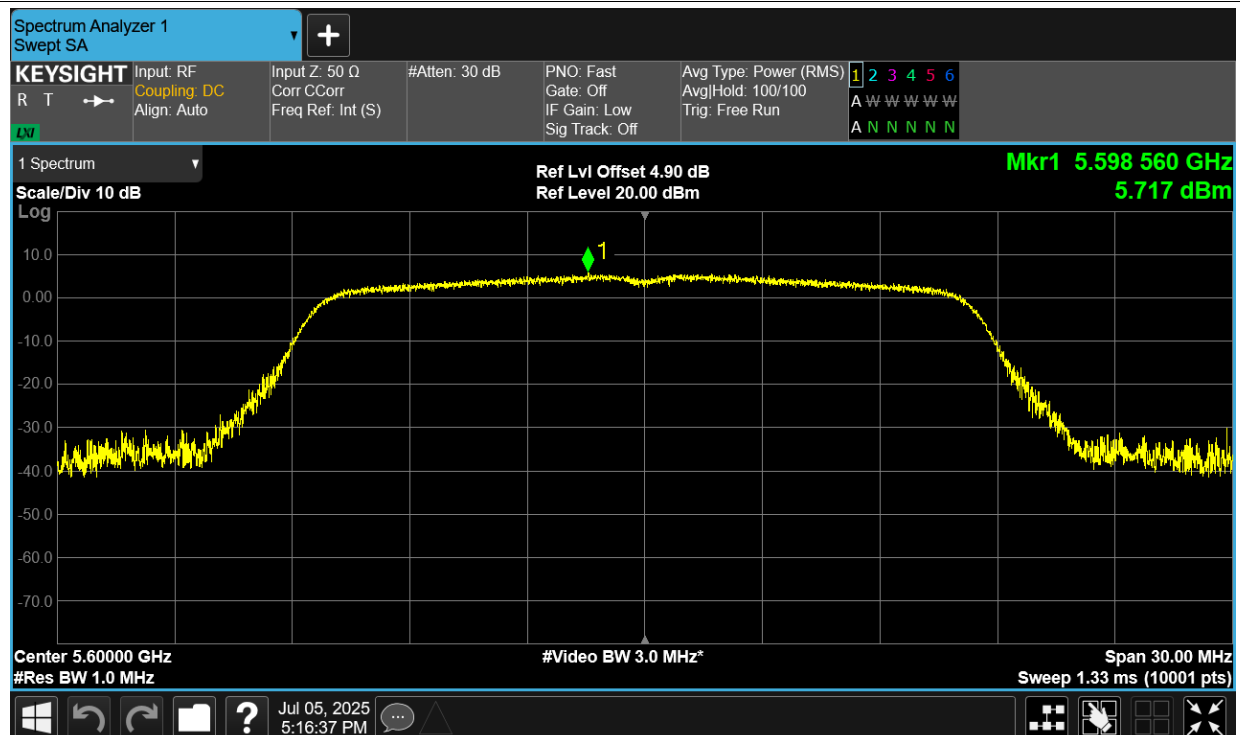
Condition	Mode	Frequency (MHz)	Antenna	Max PSD (dBm/MHz)	Duty Factor (dB)	Total PSD (dBm/MHz)	Limit (dBm/MHz)	Verdict
NVNT	a	5500	Ant1	5.609	0	5.609	11	Pass
NVNT	a	5600	Ant1	5.717	0	5.717	11	Pass
NVNT	a	5700	Ant1	5.139	0	5.139	11	Pass
NVNT	ac20	5500	Ant1	3.722	0	3.722	11	Pass
NVNT	ac20	5600	Ant1	3.989	0	3.989	11	Pass
NVNT	ac20	5700	Ant1	4.123	0	4.123	11	Pass
NVNT	ac40	5510	Ant1	1.522	0	1.522	11	Pass
NVNT	ac40	5590	Ant1	2.101	0	2.101	11	Pass
NVNT	ac40	5670	Ant1	2.151	0	2.151	11	Pass
NVNT	ac80	5530	Ant1	-1.391	0	-1.391	11	Pass
NVNT	ac80	5610	Ant1	-1.398	0	-1.398	11	Pass
NVNT	n20	5500	Ant1	4.299	0	4.299	11	Pass
NVNT	n20	5600	Ant1	4.548	0	4.548	11	Pass
NVNT	n20	5700	Ant1	4.47	0	4.47	11	Pass
NVNT	n40	5510	Ant1	2.078	0	2.078	11	Pass
NVNT	n40	5590	Ant1	2.818	0	2.818	11	Pass
NVNT	n40	5670	Ant1	2.404	0	2.404	11	Pass

Test Graphs

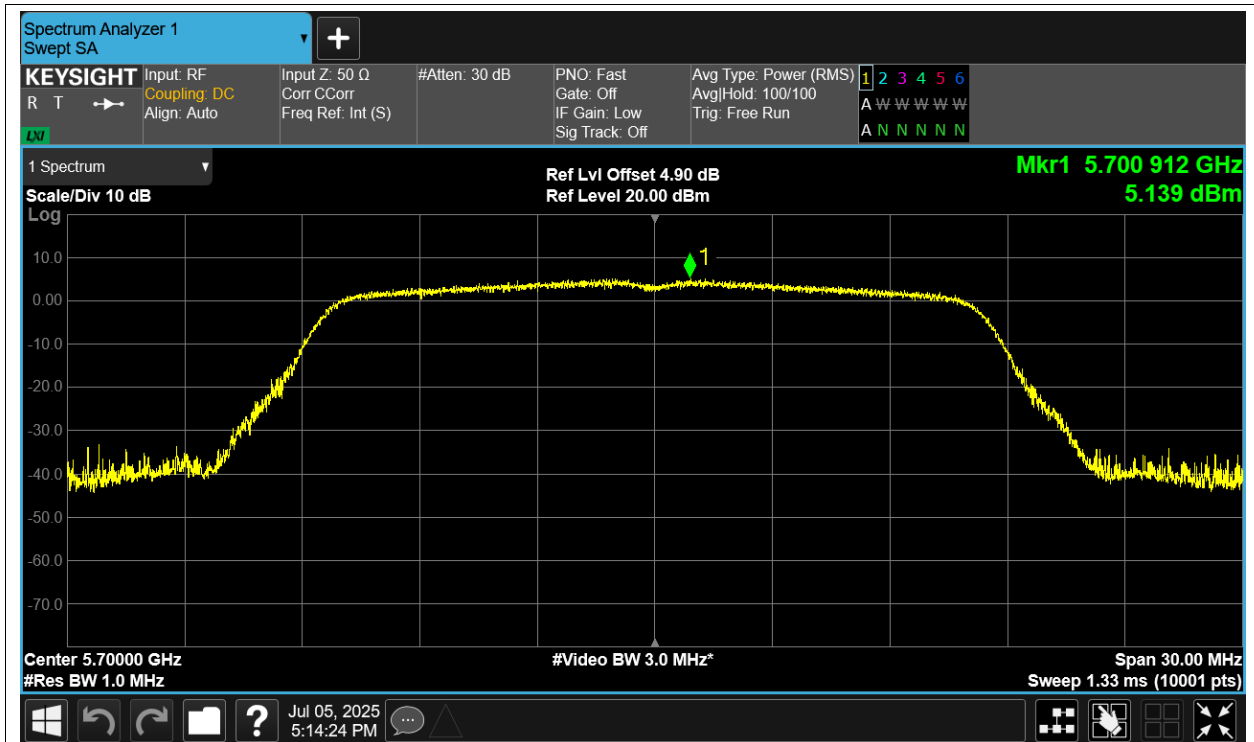
PSD NVNT a 5500MHz Ant1



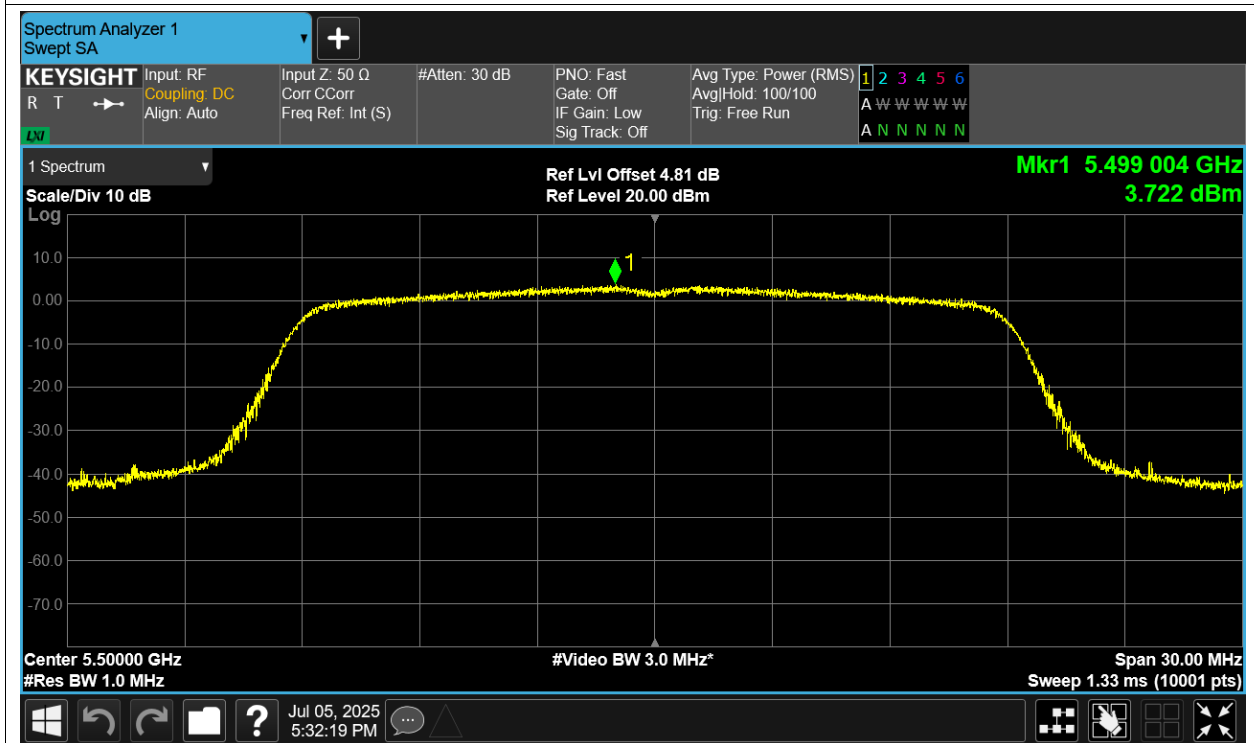
PSD NVNT a 5600MHz Ant1



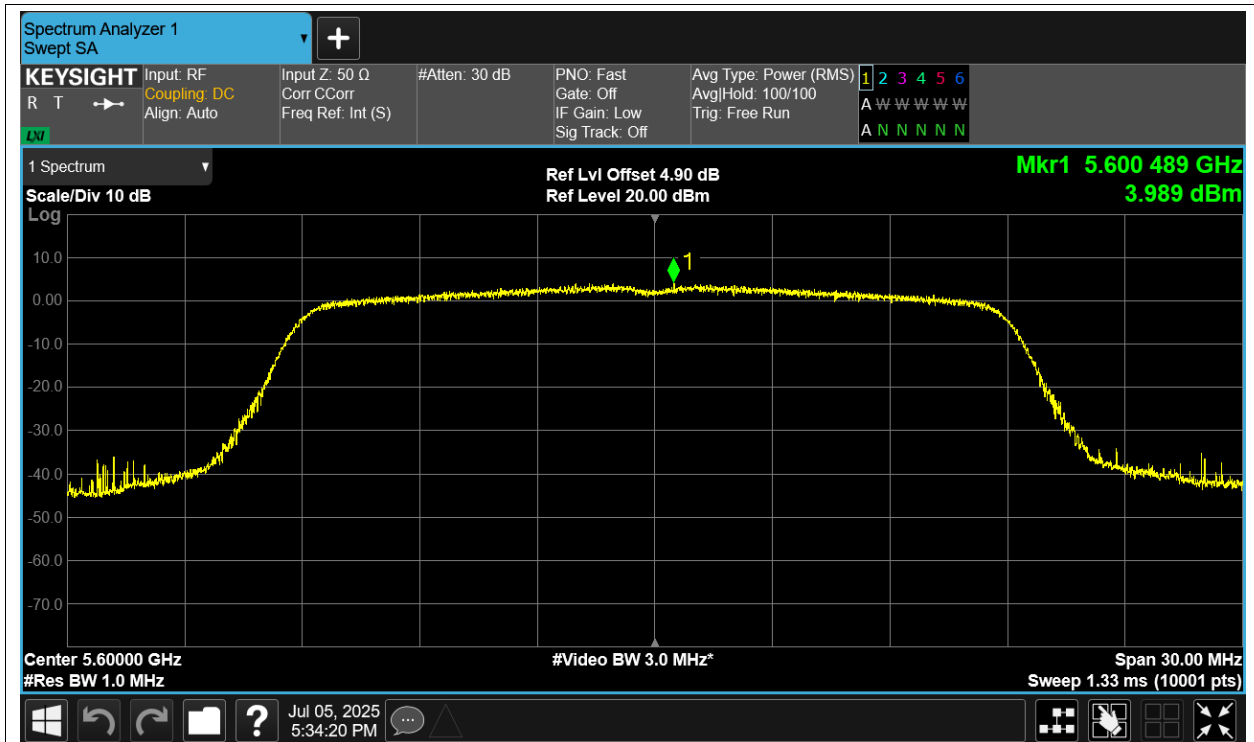
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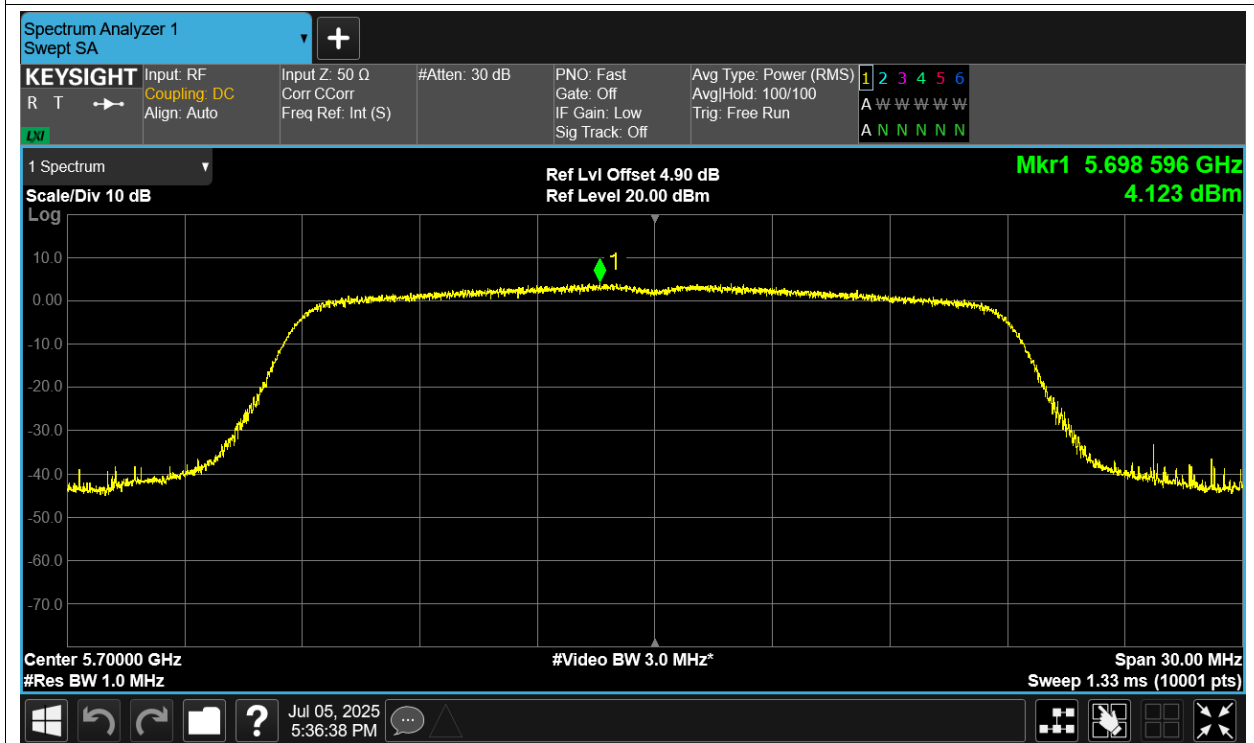
PSD NVNT ac20 5500MHz Ant1



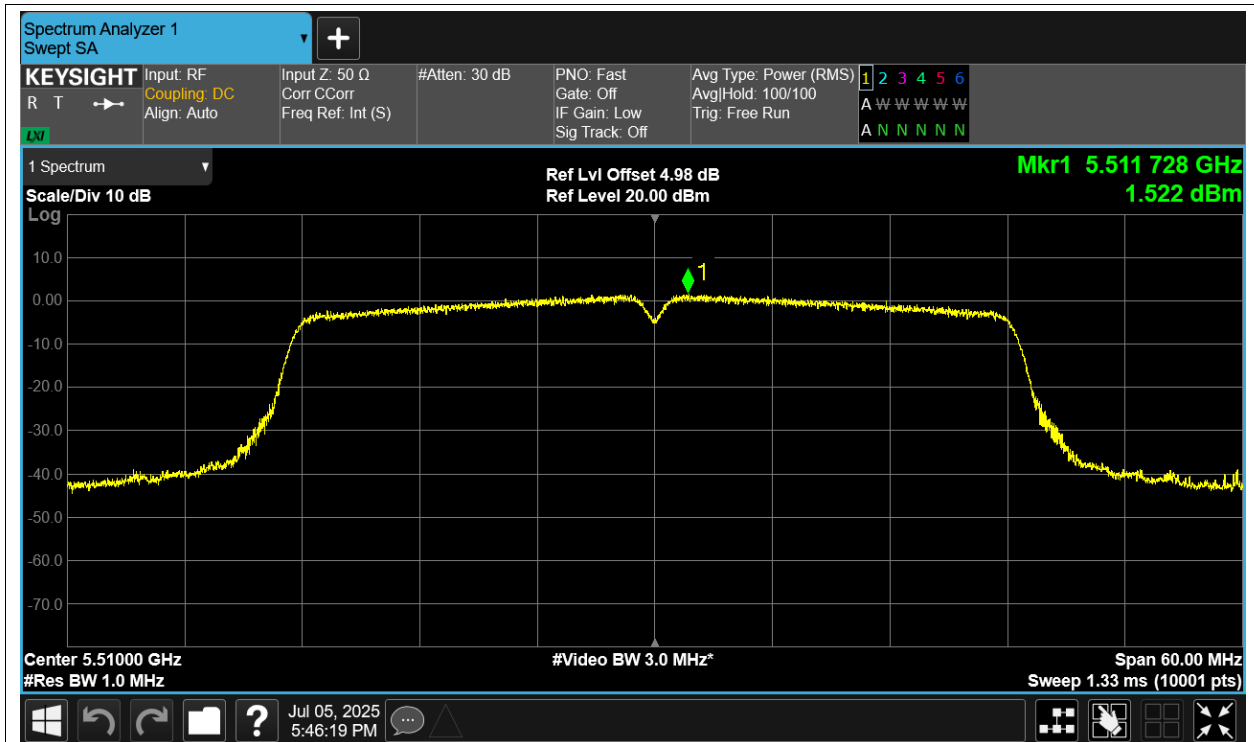
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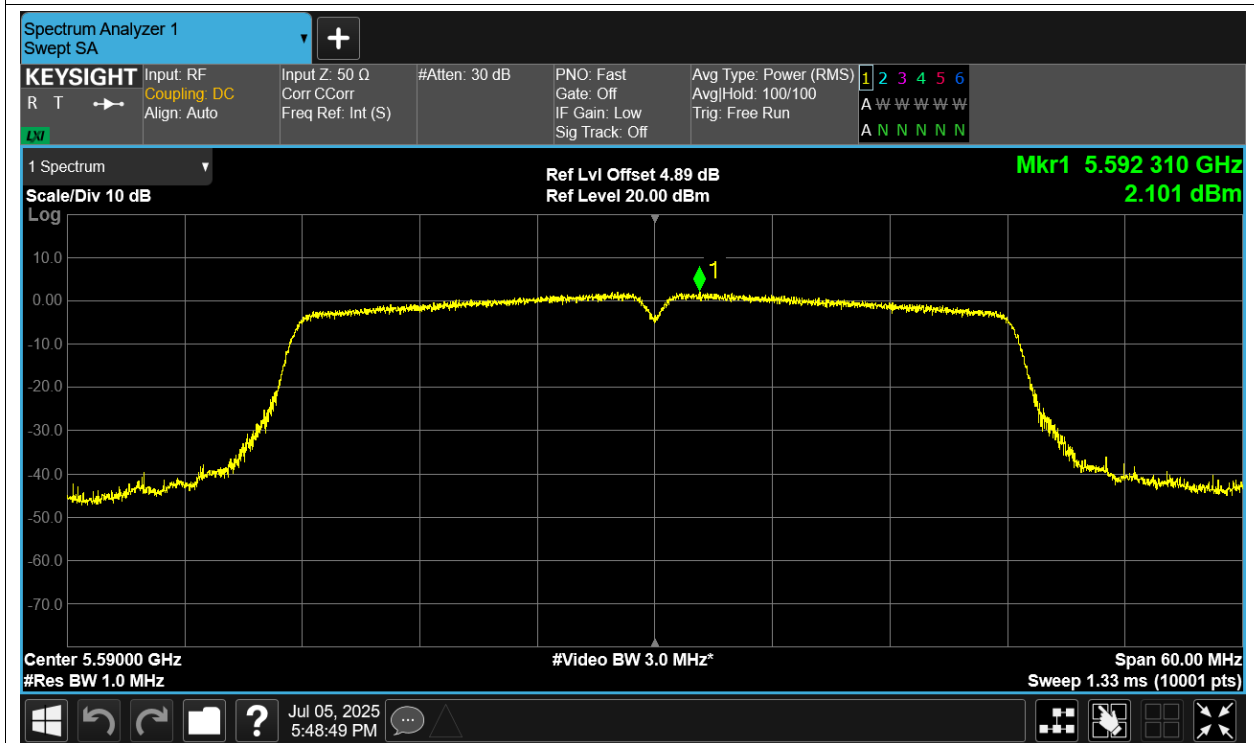
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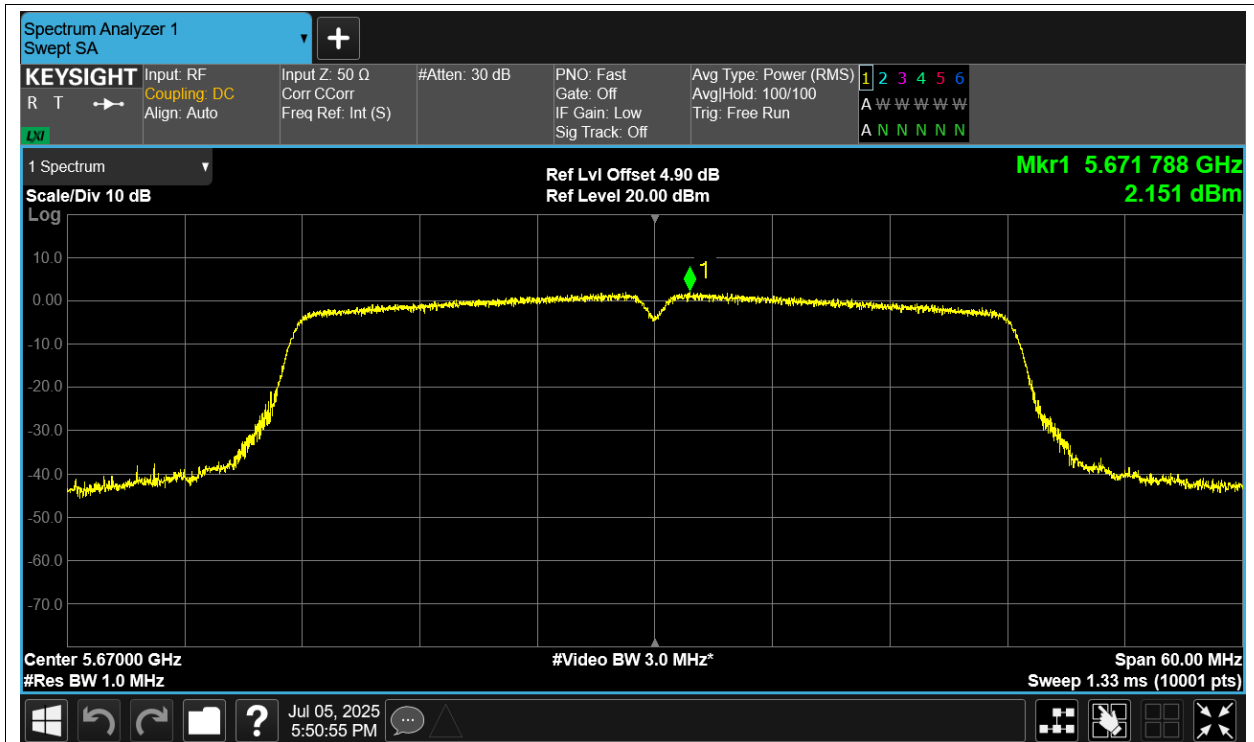
PSD NVNT ac40 5510MHz Ant1



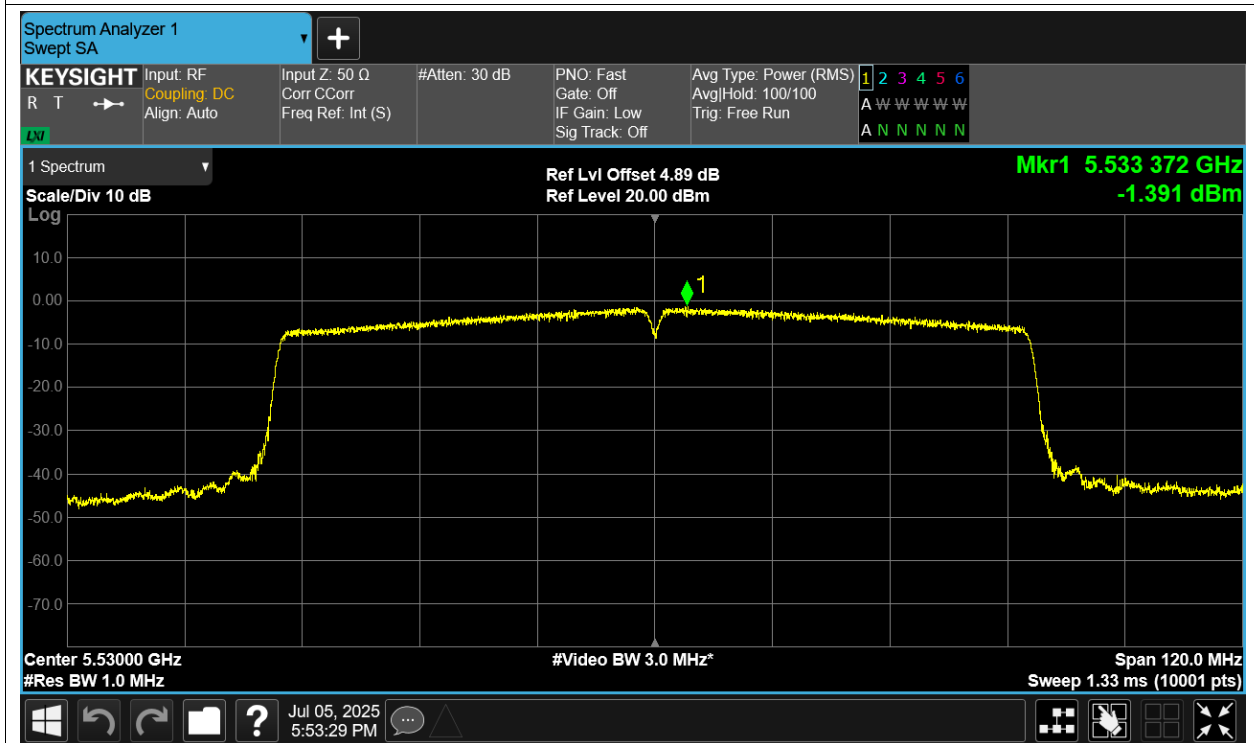
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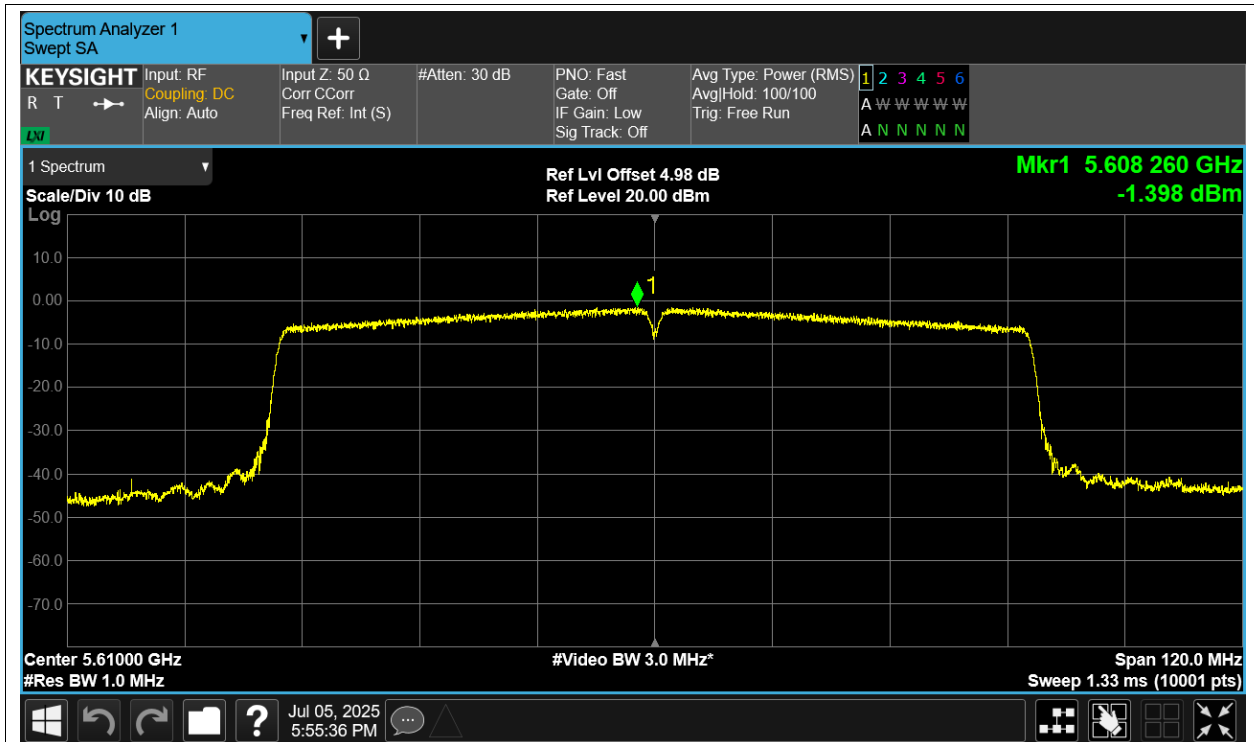
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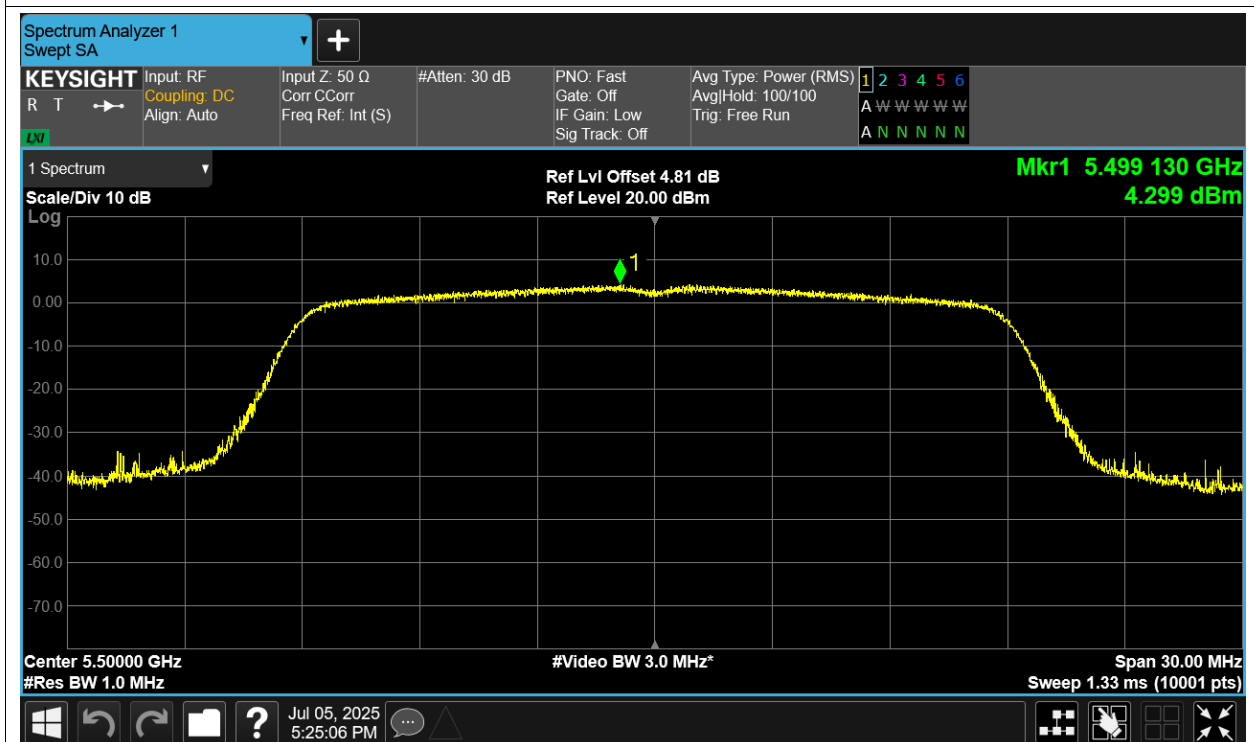
PSD NVNT ac80 5530MHz Ant1



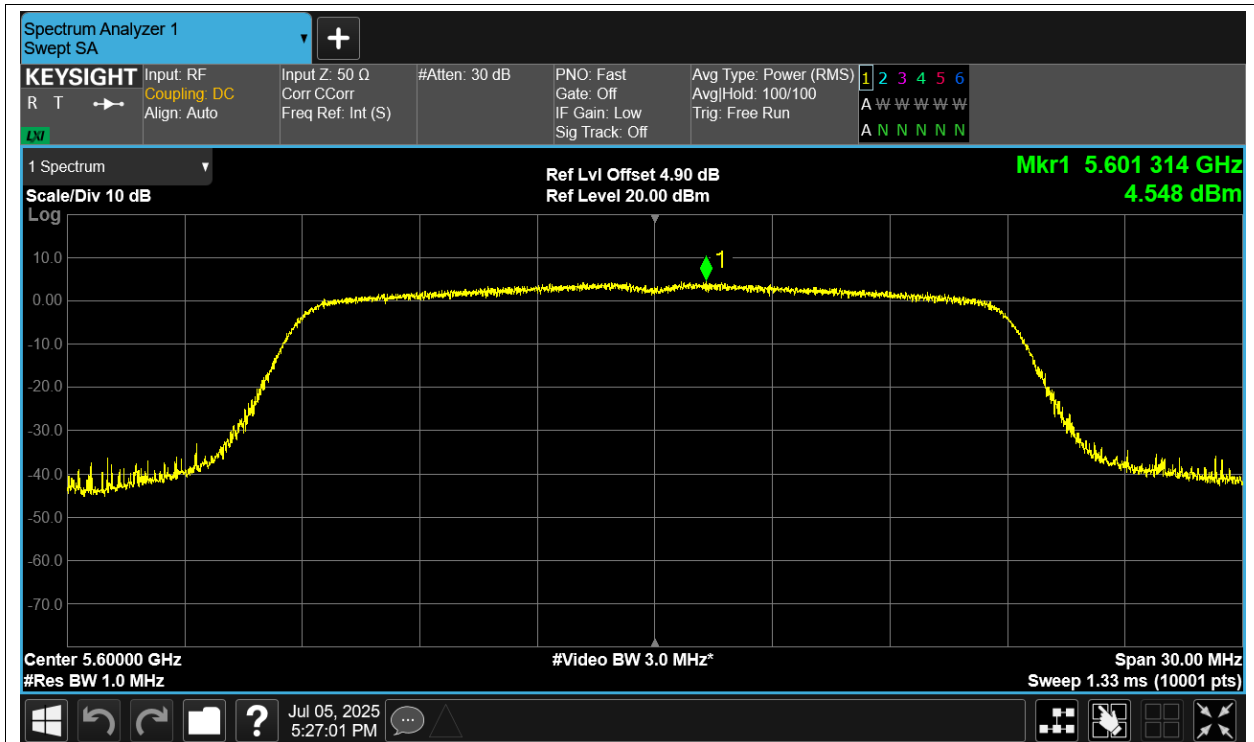
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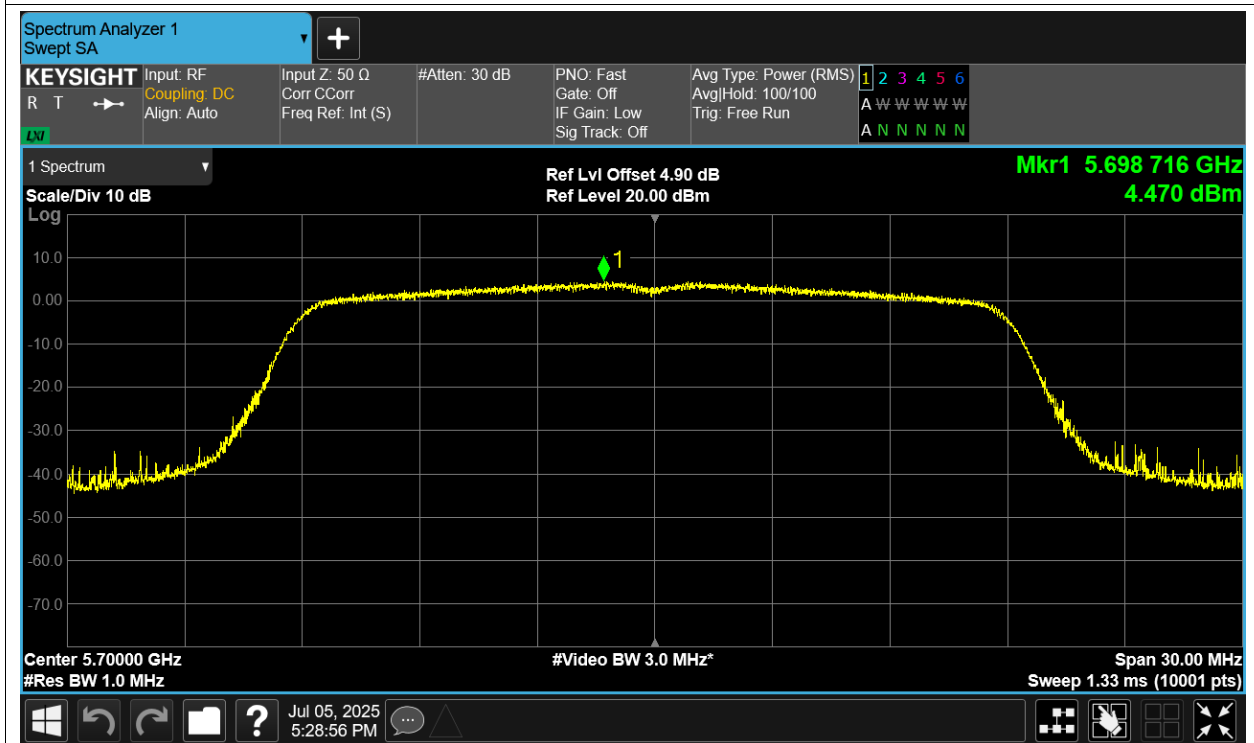
PSD NVNT n20 5500MHz Ant1



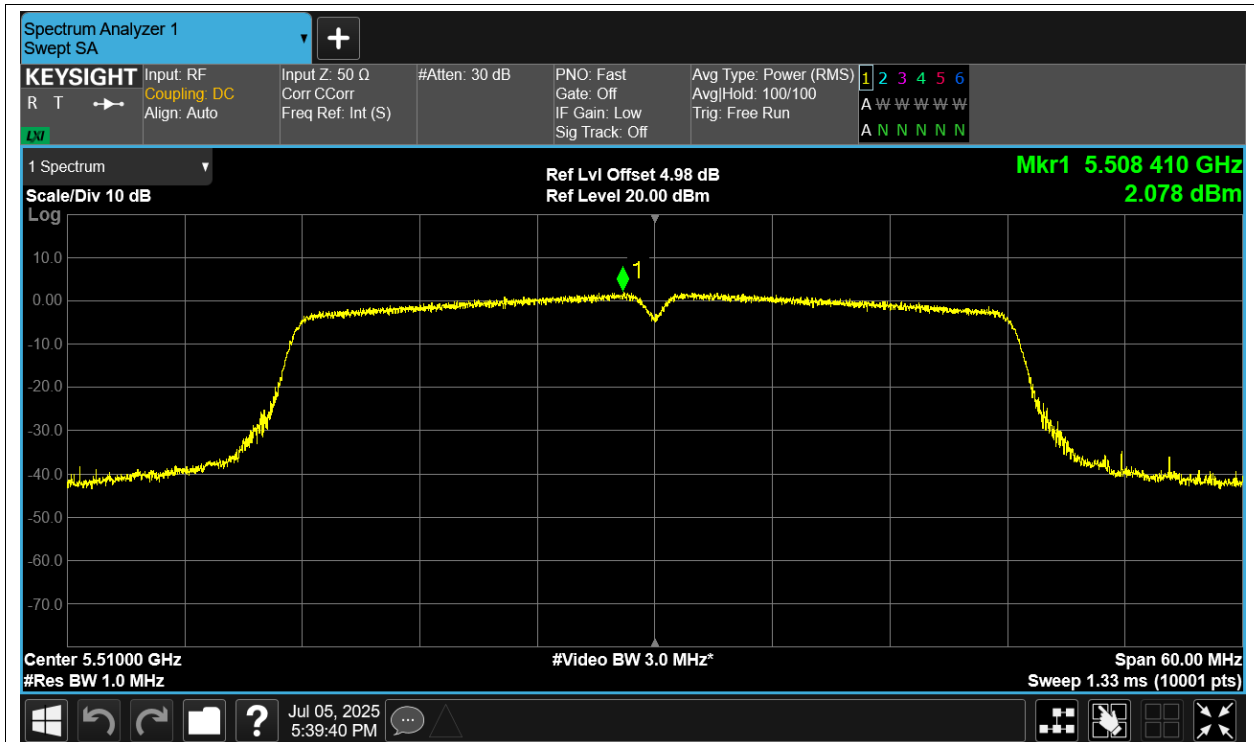
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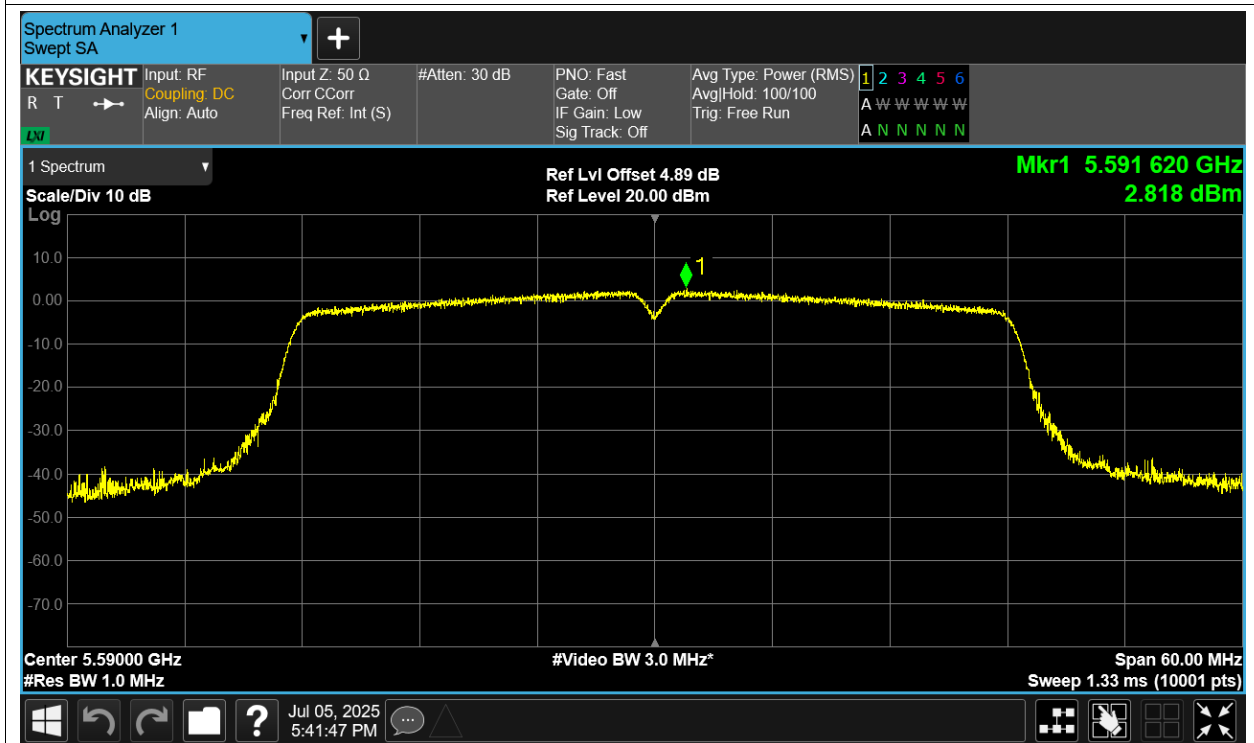
PSD NVNT n20 5700MHz Ant1



PSD NVNT n40 5510MHz Ant1



PSD NVNT n40 5590MHz Ant1



PSD NVNT n40 5670MHz Ant1

