

Test Data

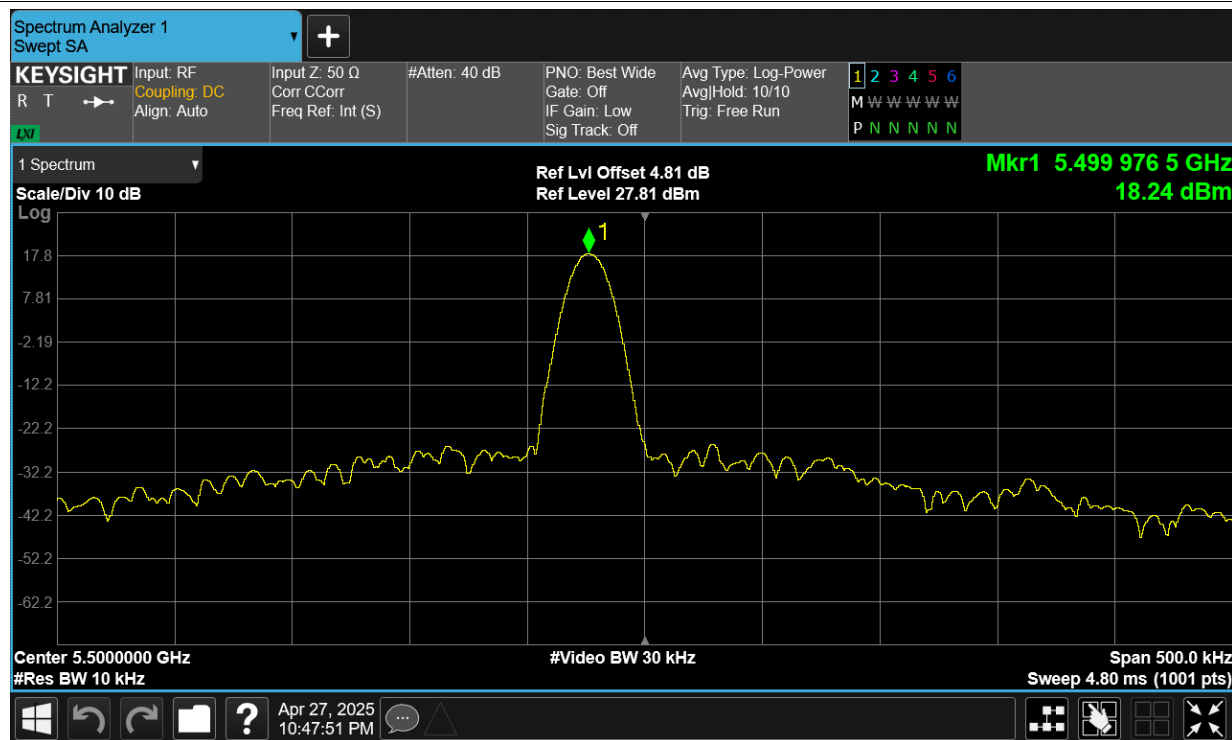
Frequency Stability

Condition	Mode	Frequency (MHz)	Antenna	Measured Frequency (MHz)	Deviation (ppm)	Limit (ppm)	Verdict
HVNT	a	5500	Ant14	5499.9765	-4.27	Within authorized band	Pass
LVNT	a	5500	Ant14	5499.9765	-4.27		Pass
NVHT	a	5500	Ant14	5499.9765	-4.27		Pass
NVLT	a	5500	Ant14	5499.9765	-4.27		Pass
NVNT	a	5500	Ant14	5499.977	-4.18		Pass
HVNT	ac80	5530	Ant14	5529.976	-4.34		Pass
LVNT	ac80	5530	Ant14	5529.976	-4.34		Pass
NVHT	ac80	5530	Ant14	5529.976	-4.34		Pass
NVLT	ac80	5530	Ant14	5529.9765	-4.25		Pass
NVNT	ac80	5530	Ant14	5529.9765	-4.25		Pass
HVNT	n40	5510	Ant14	5509.976	-4.36		Pass
LVNT	n40	5510	Ant14	5509.9765	-4.26		Pass
NVHT	n40	5510	Ant14	5509.9765	-4.26		Pass
NVLT	n40	5510	Ant14	5509.9765	-4.26		Pass
NVNT	n40	5510	Ant14	5509.9765	-4.26		Pass

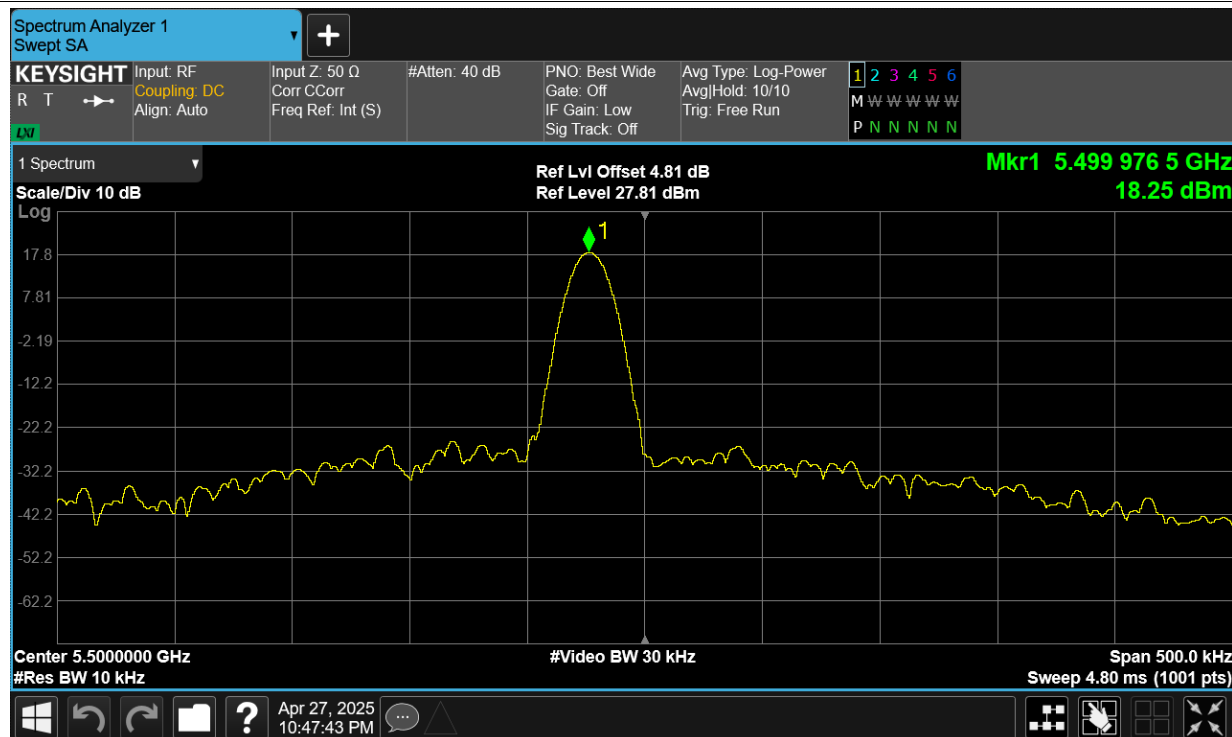
Remark: "NTNV" means Normal Temperature Normal Voltage, "NVHT" means Normal Voltage High Temperature, "NVLT" means Normal Voltage Low. Temperature, "LVNT" means Low Voltage Normal Temperature, "HVNT" means High Voltage Normal Temperature.

Test Graphs

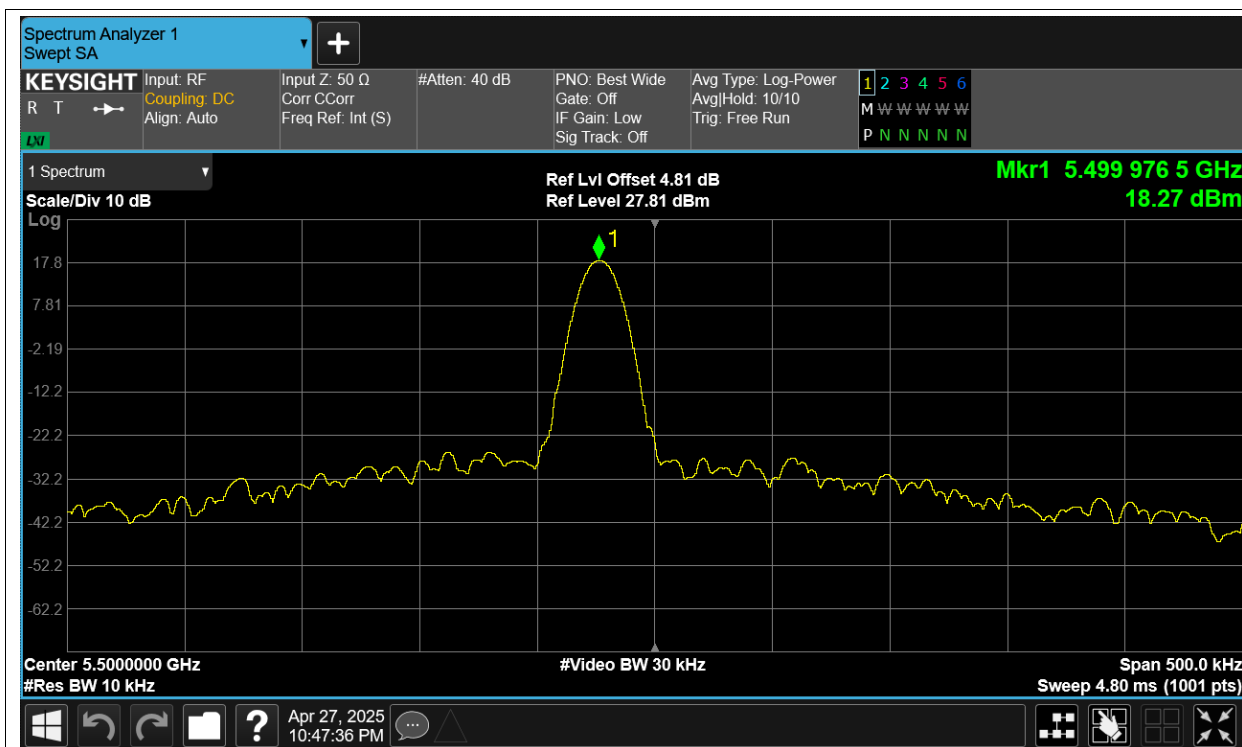
Freq. Stability HVNT a 5500MHz Ant14



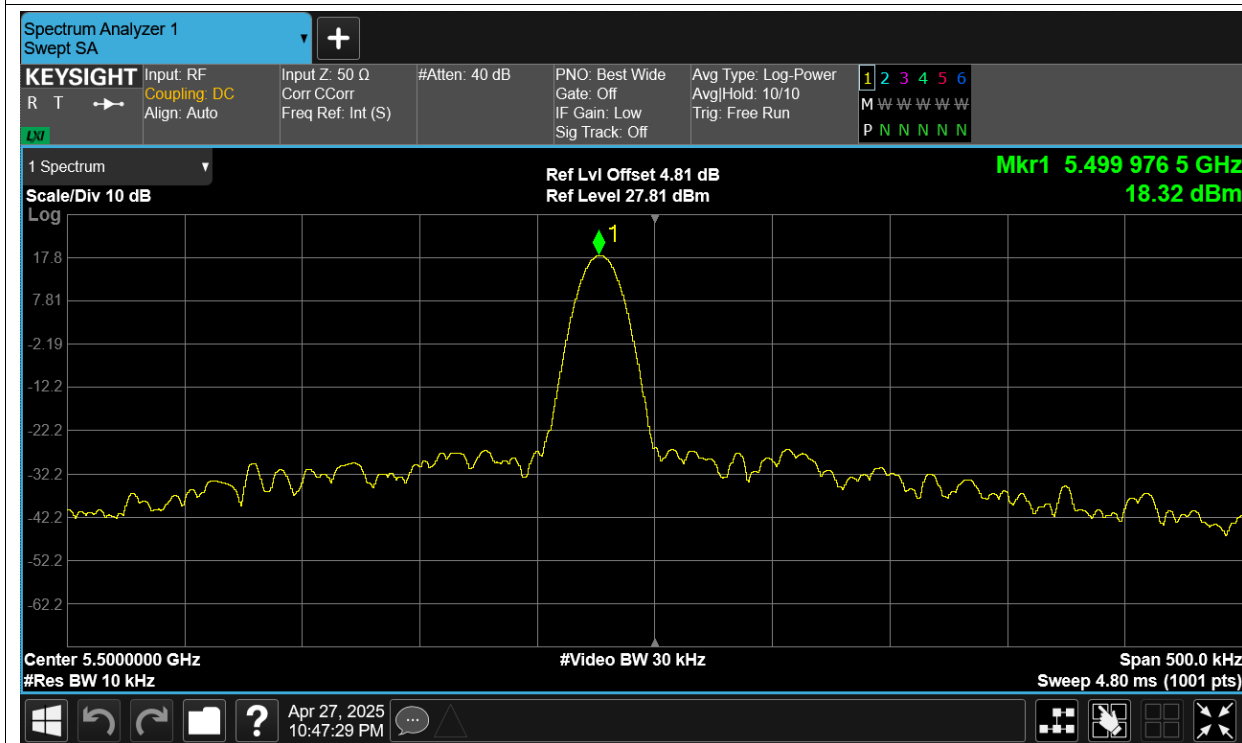
Freq. Stability LVNT a 5500MHz Ant14



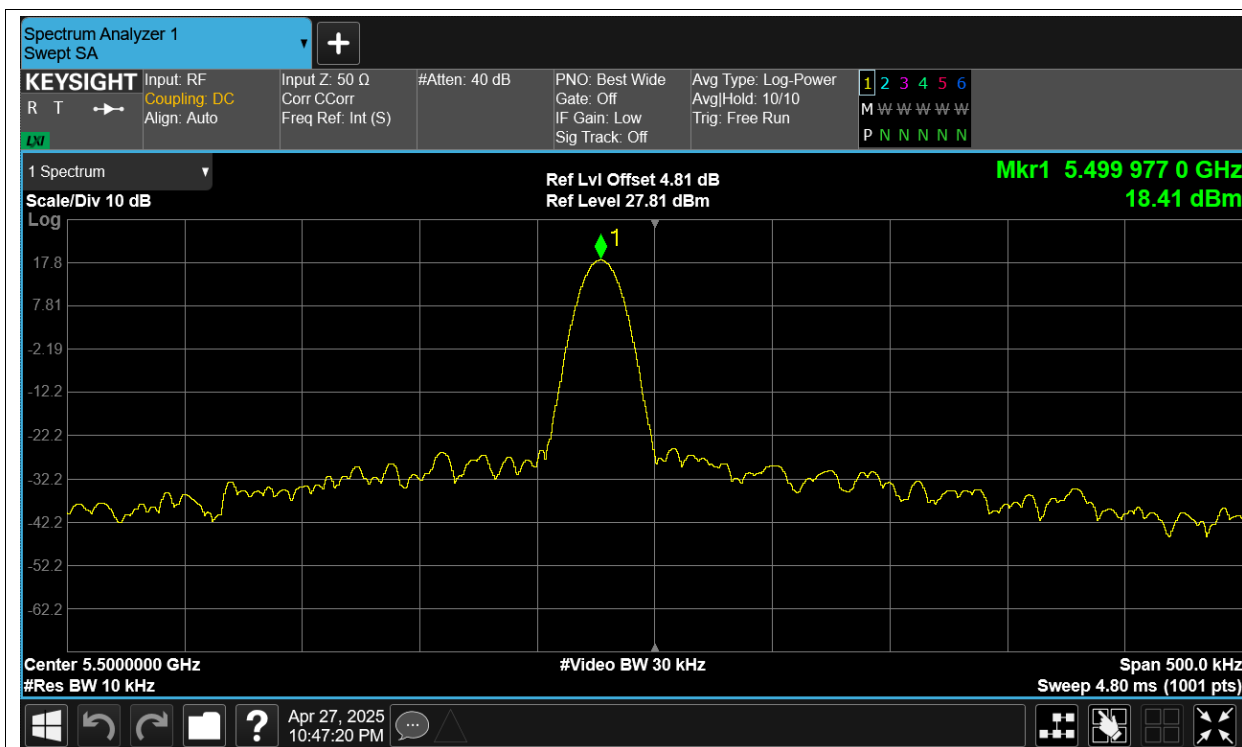
Freq. Stability NVHT a 5500MHz Ant14



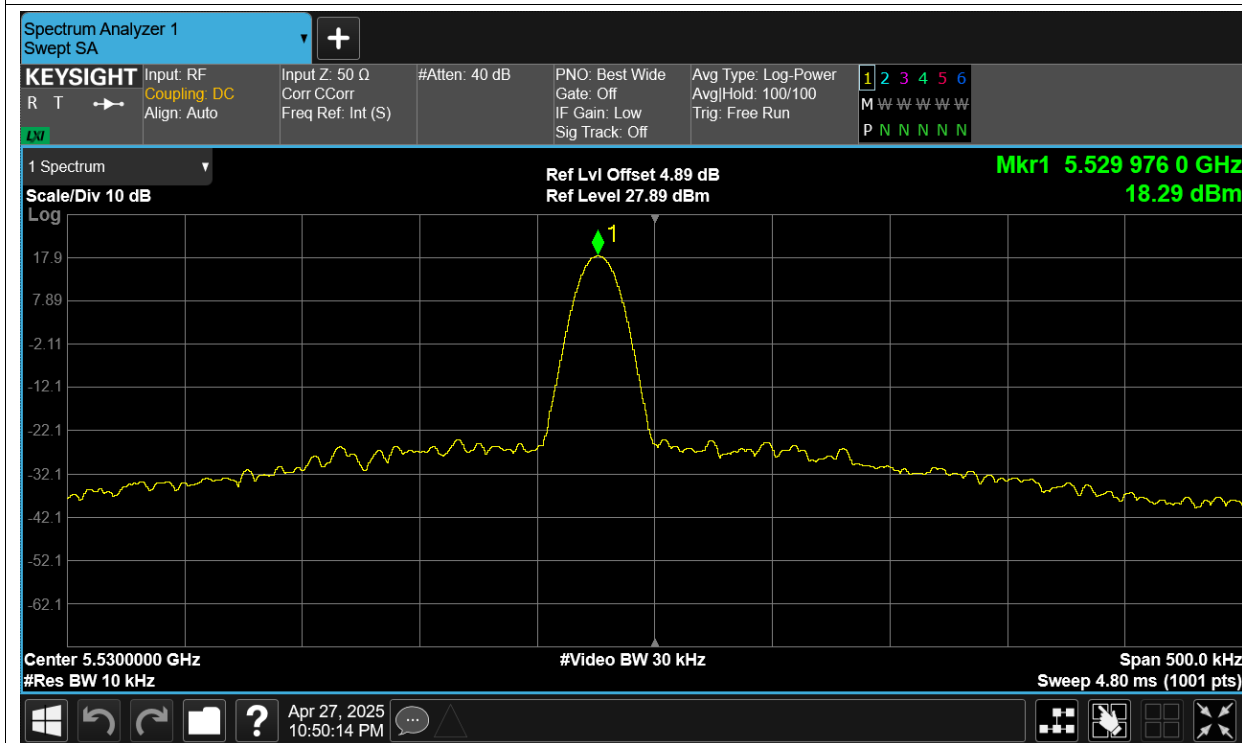
Freq. Stability NVLT a 5500MHz Ant14



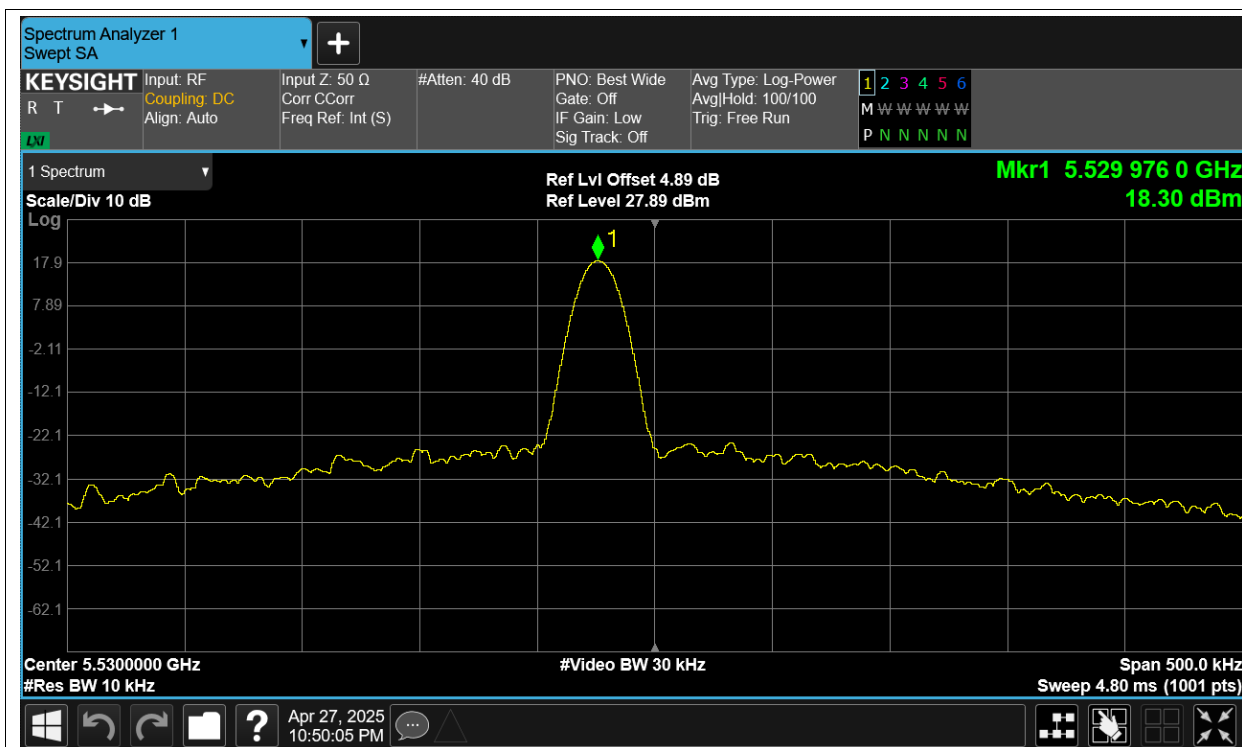
Freq. Stability NVNT a 5500MHz Ant14



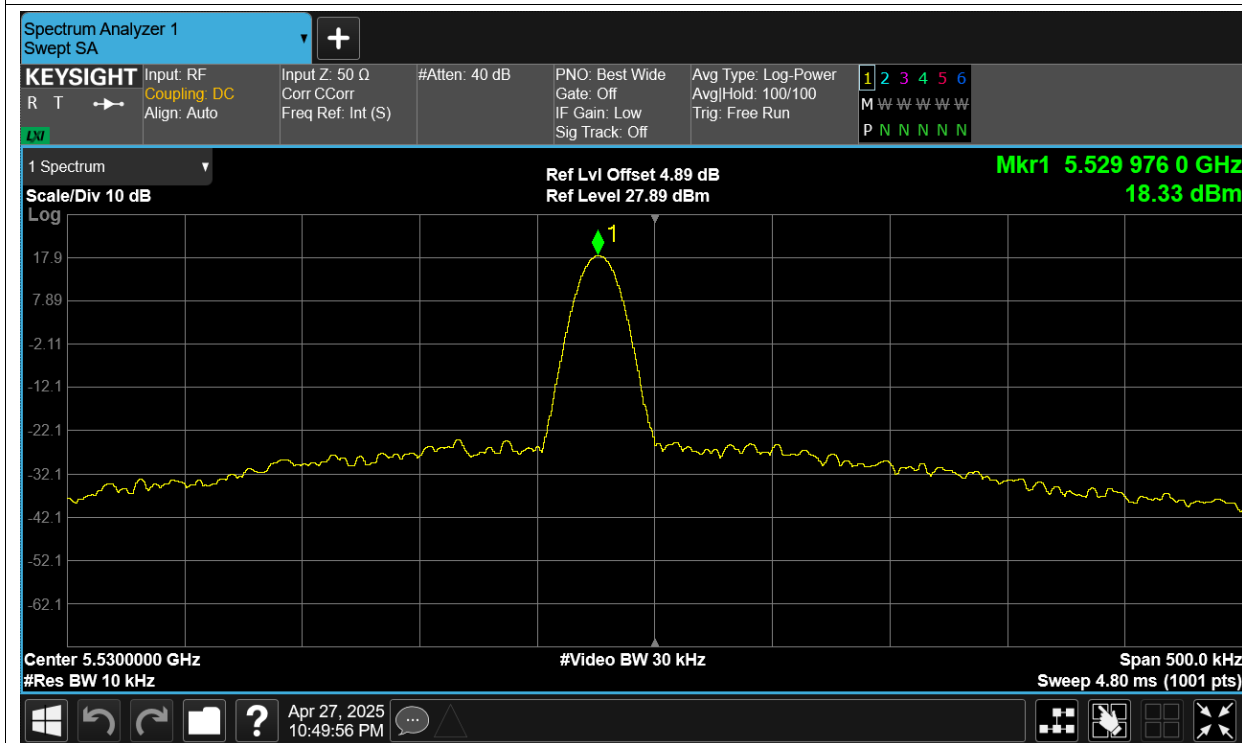
Freq. Stability HVNT ac80 5530MHz Ant14



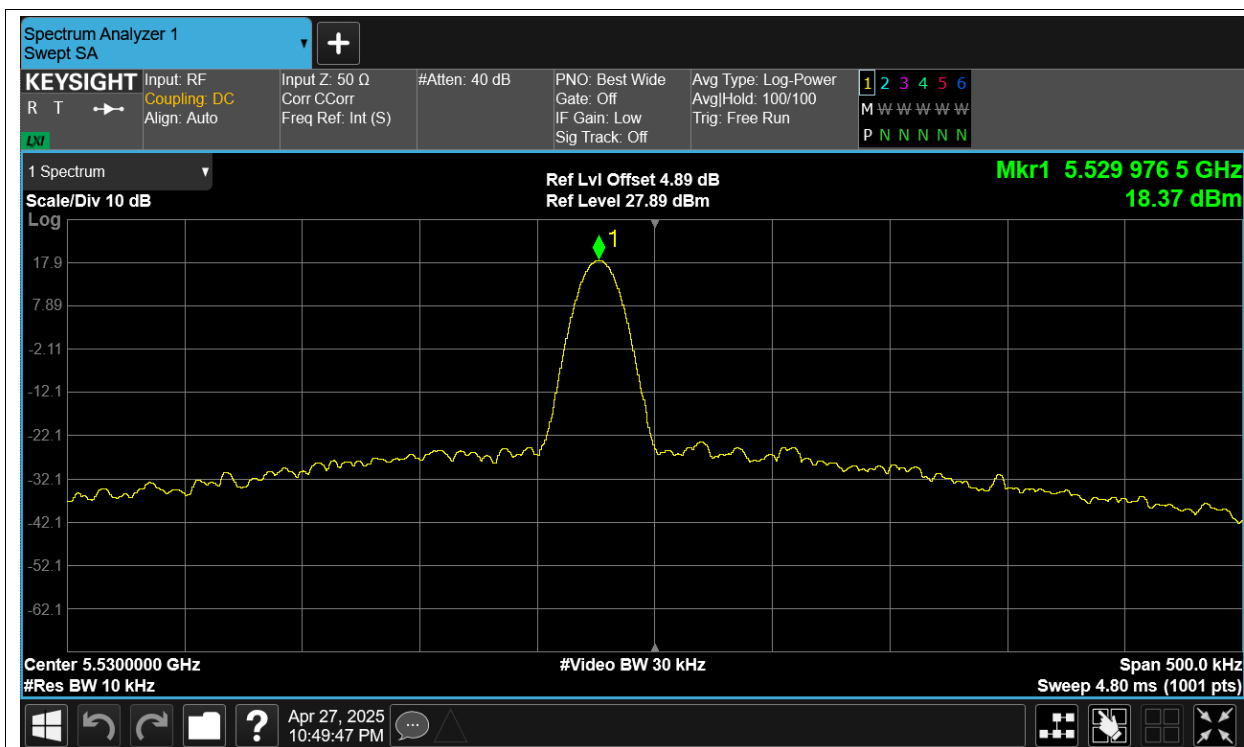
Freq. Stability LVNT ac80 5530MHz Ant14



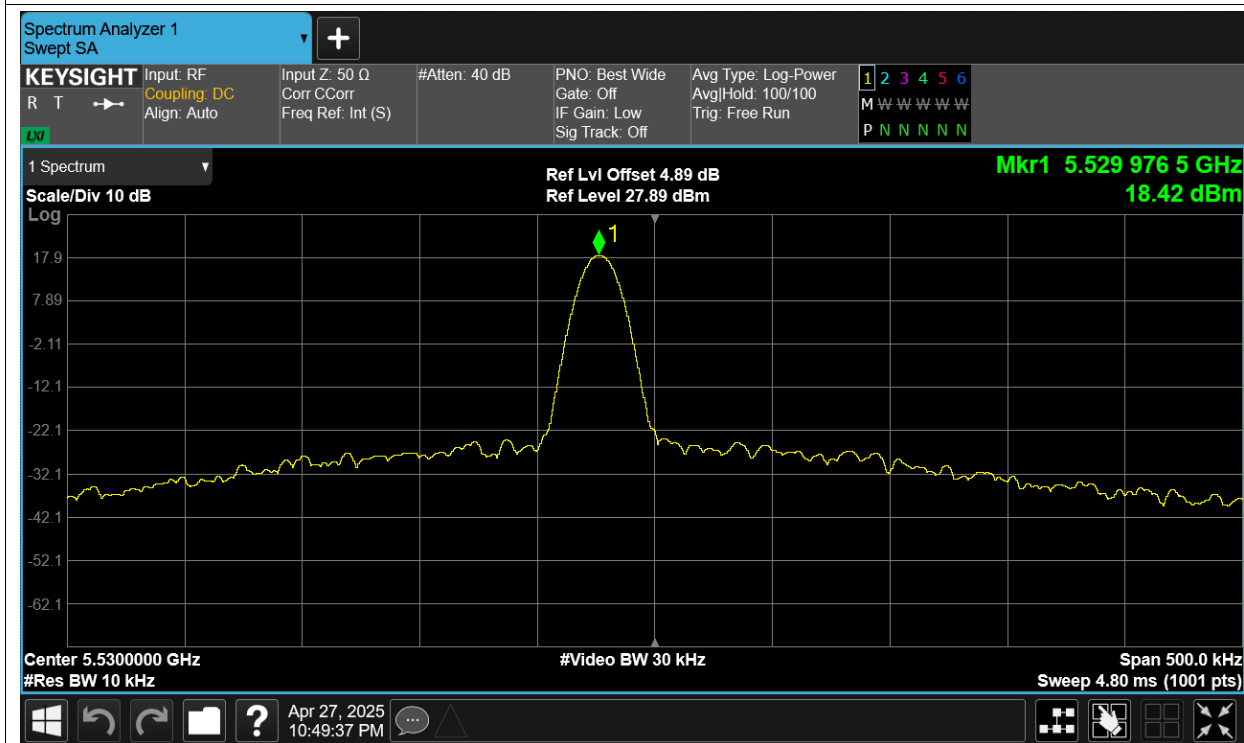
Freq. Stability NVHT ac80 5530MHz Ant14



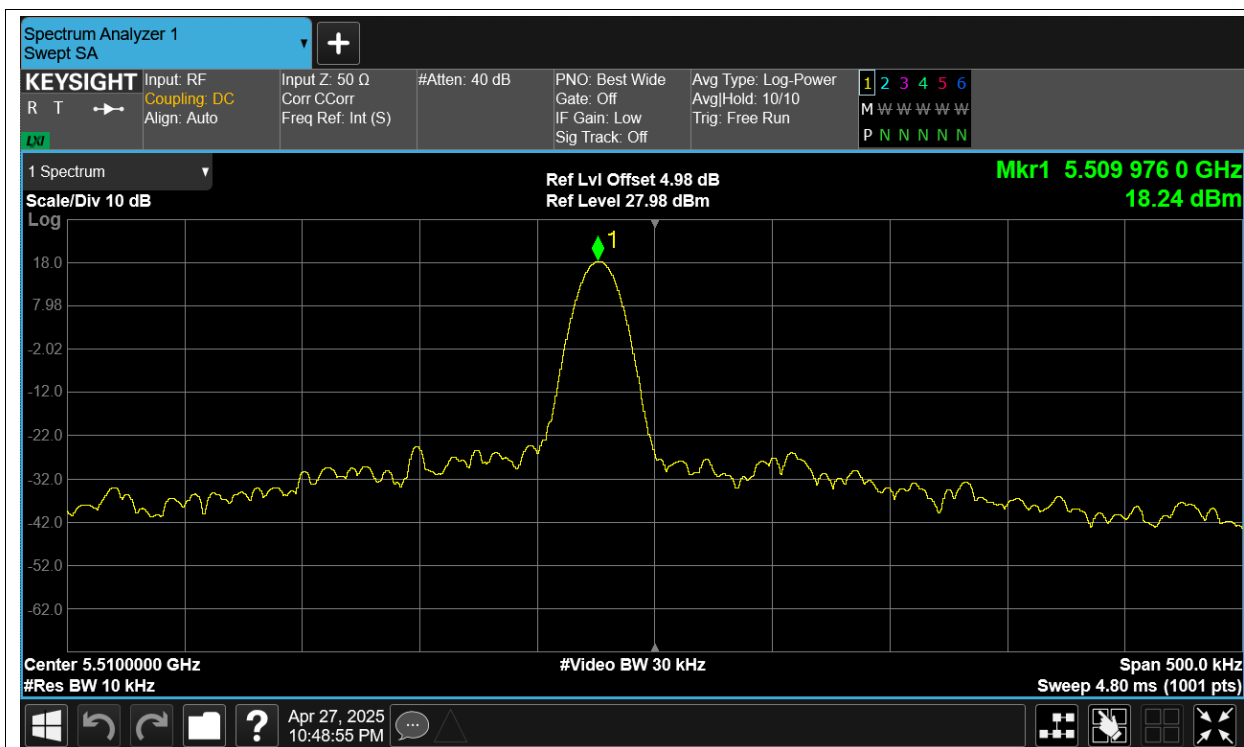
Freq. Stability NVLT ac80 5530MHz Ant14



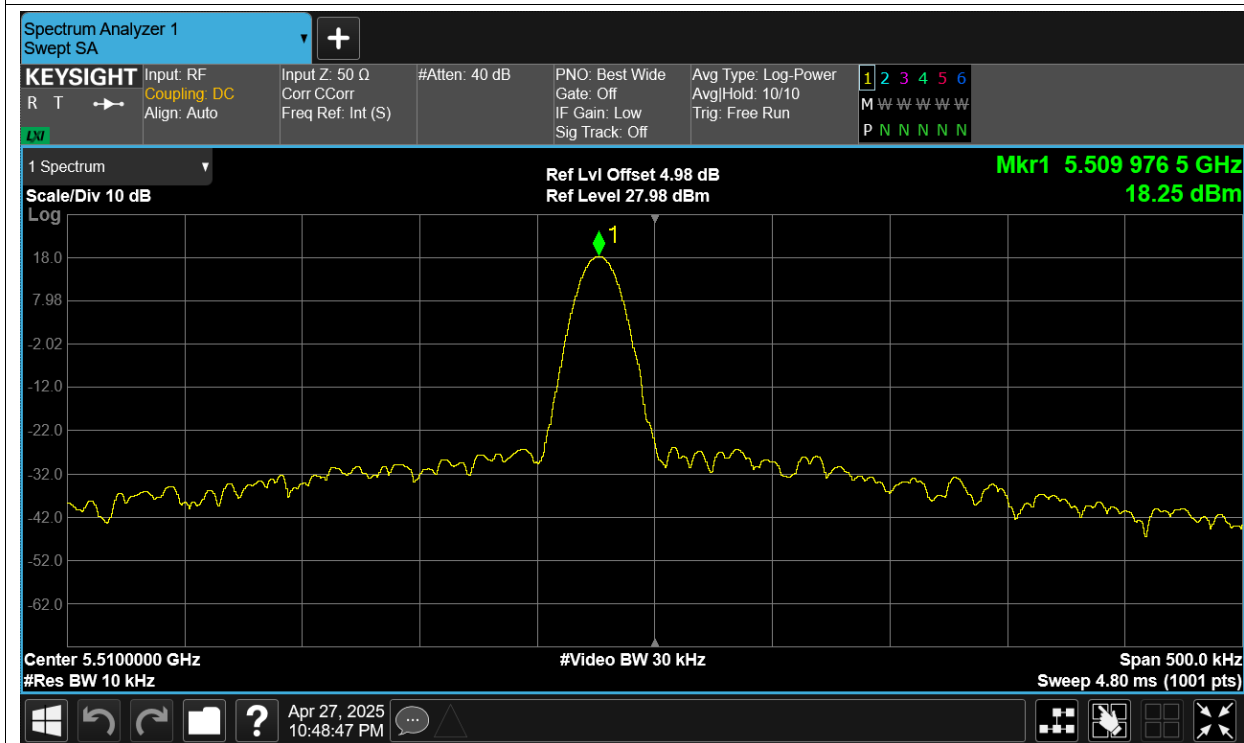
Freq. Stability NVNT ac80 5530MHz Ant14



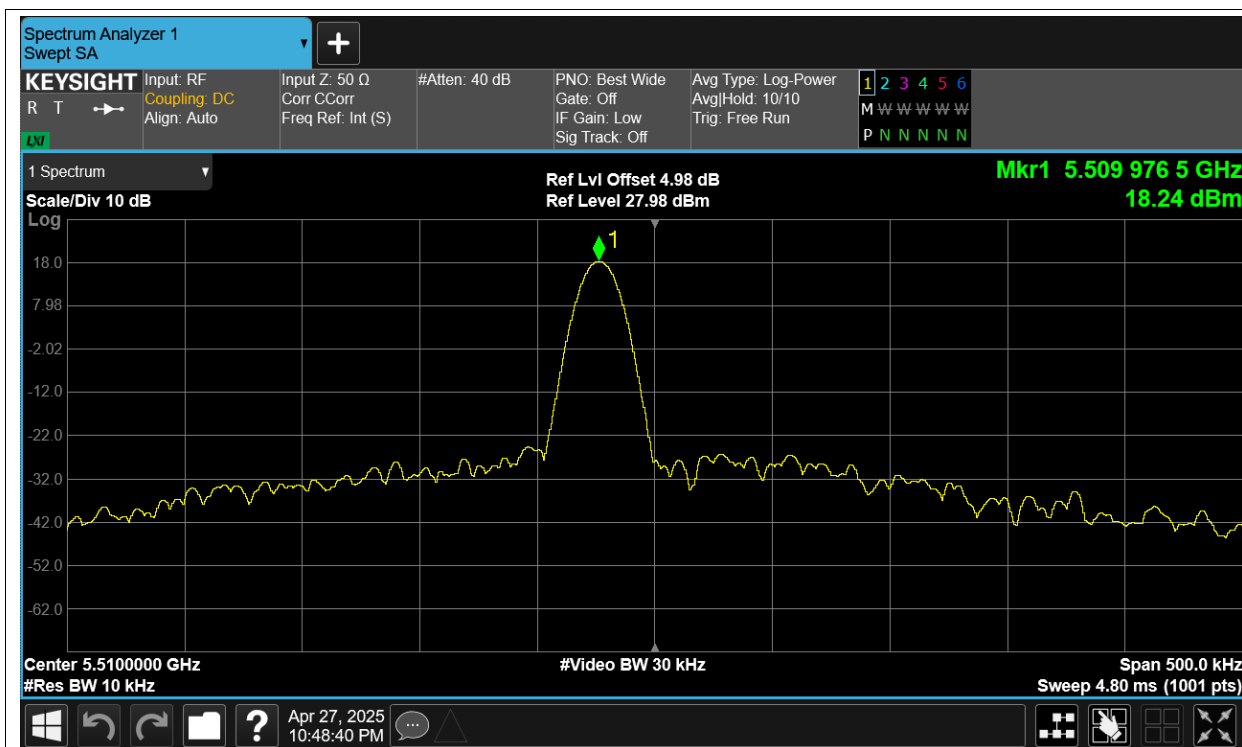
Freq. Stability HVNT n40 5510MHz Ant14



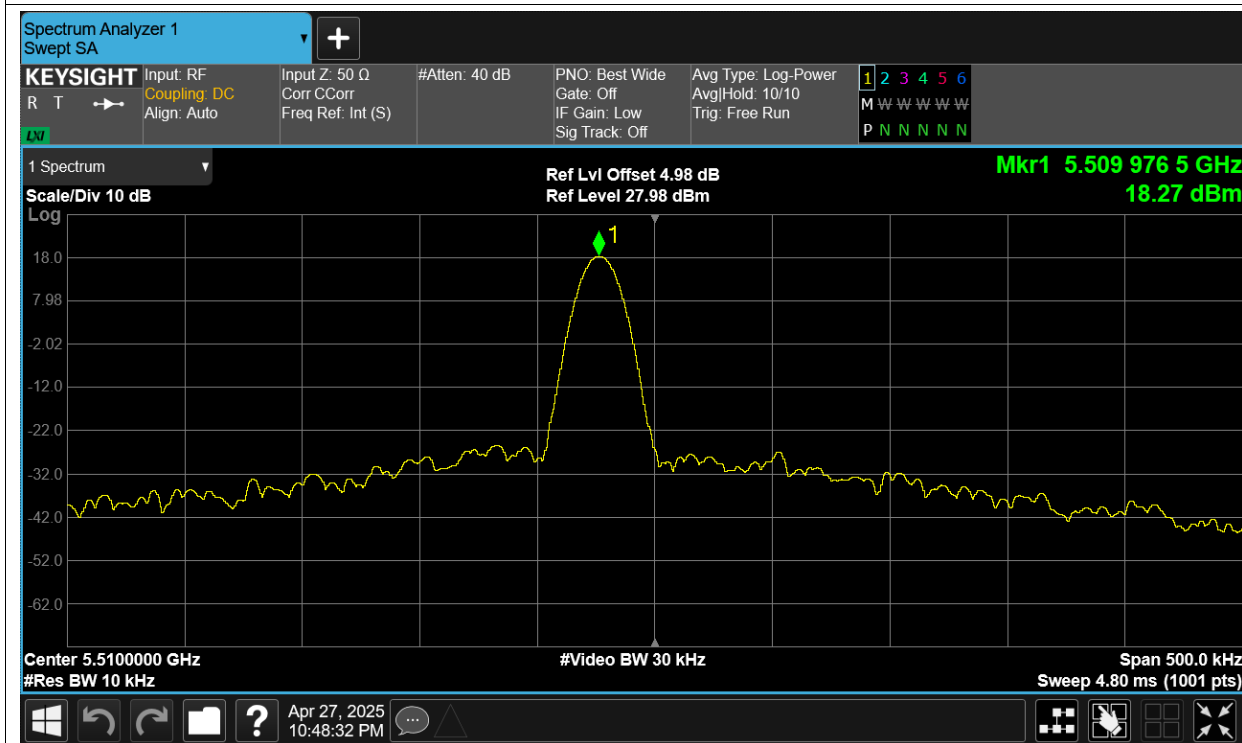
Freq. Stability LVNT n40 5510MHz Ant14



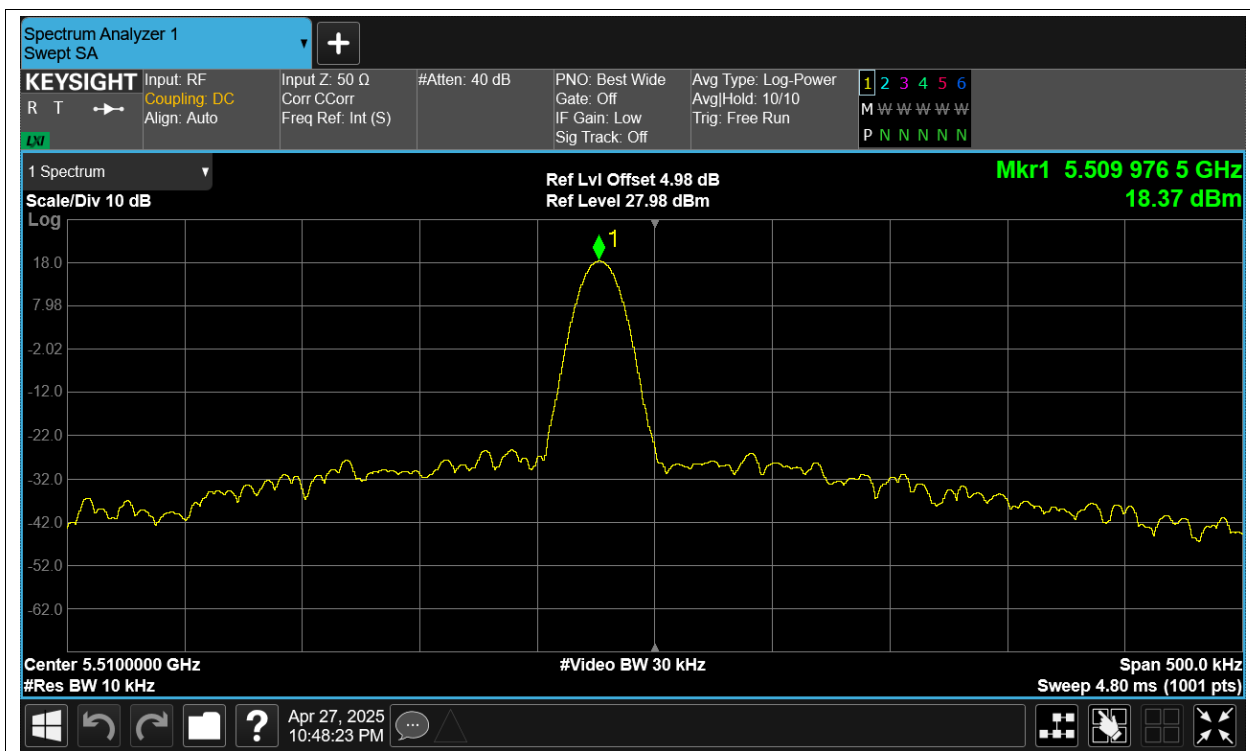
Freq. Stability NVHT n40 5510MHz Ant14



Freq. Stability NVLT n40 5510MHz Ant14

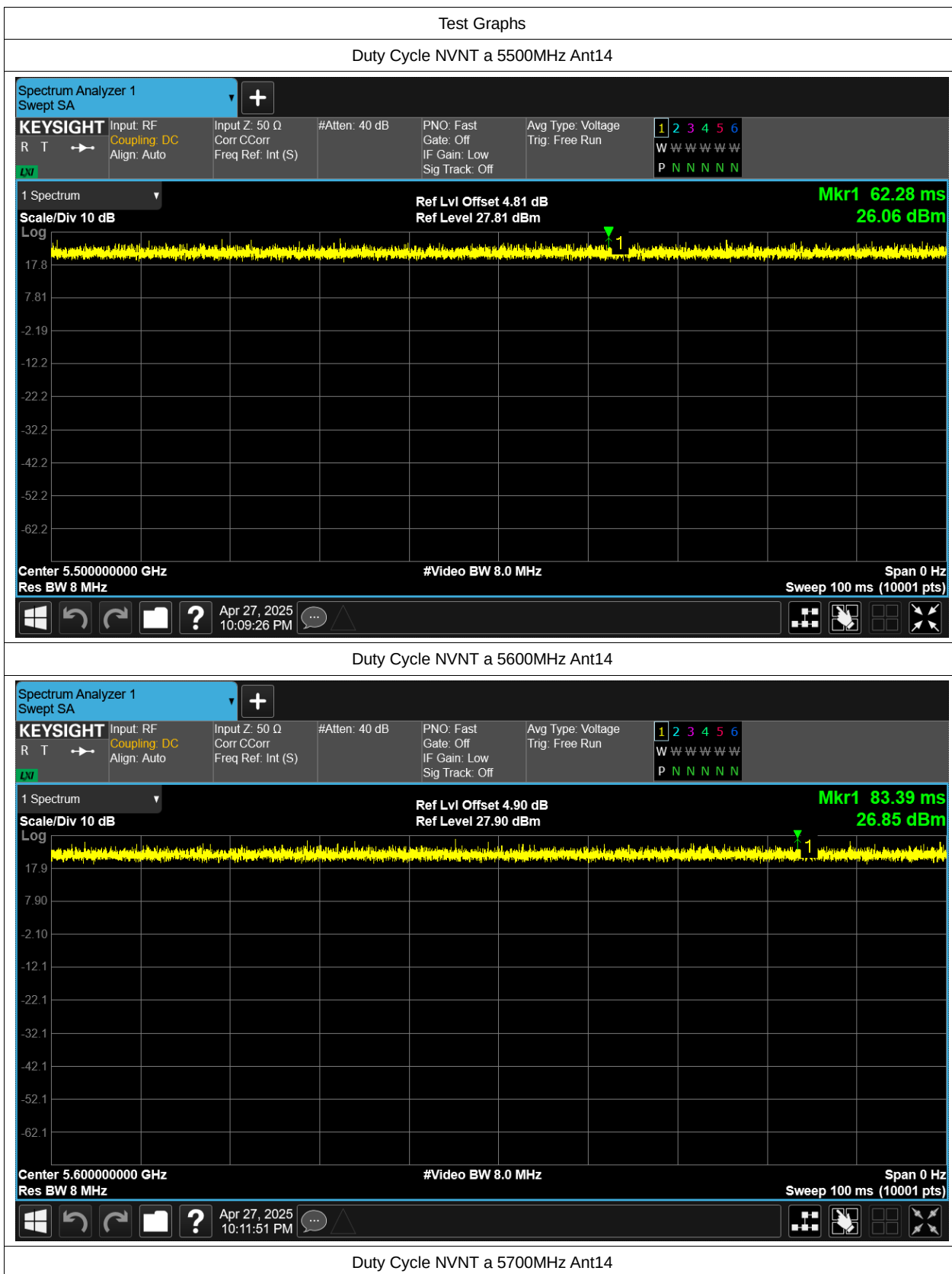


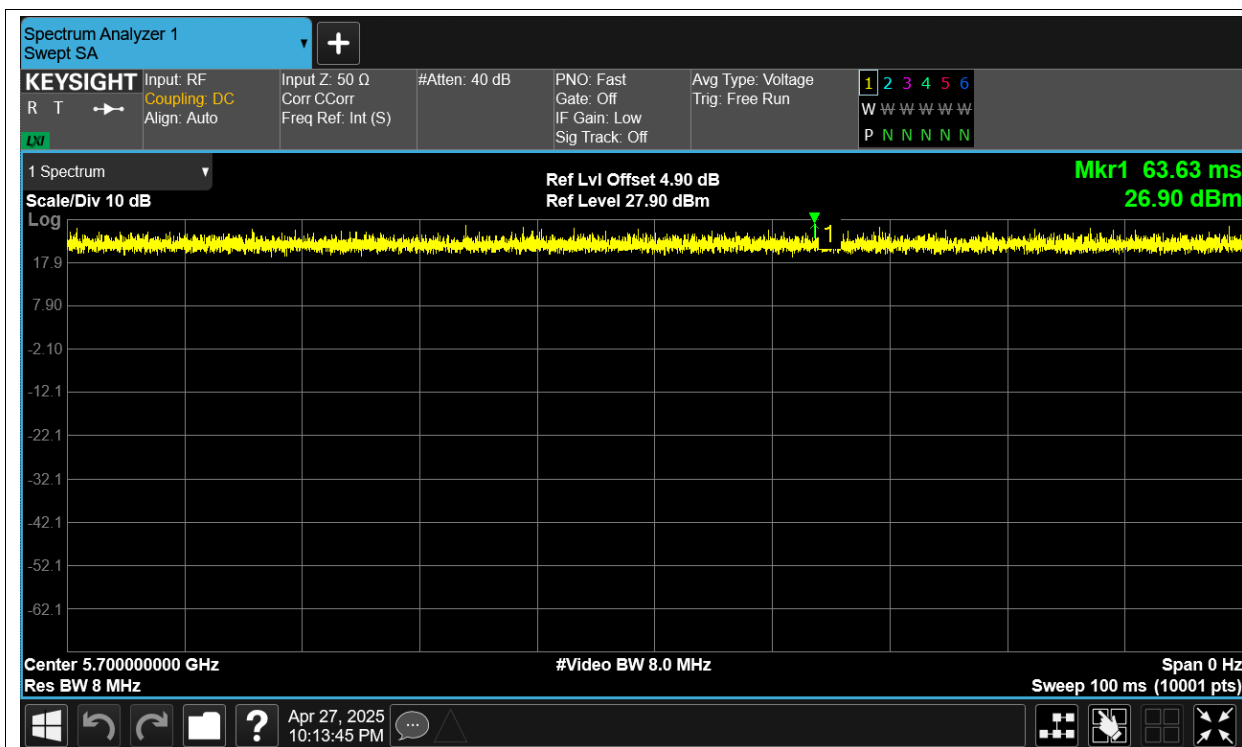
Freq. Stability NVNT n40 5510MHz Ant14



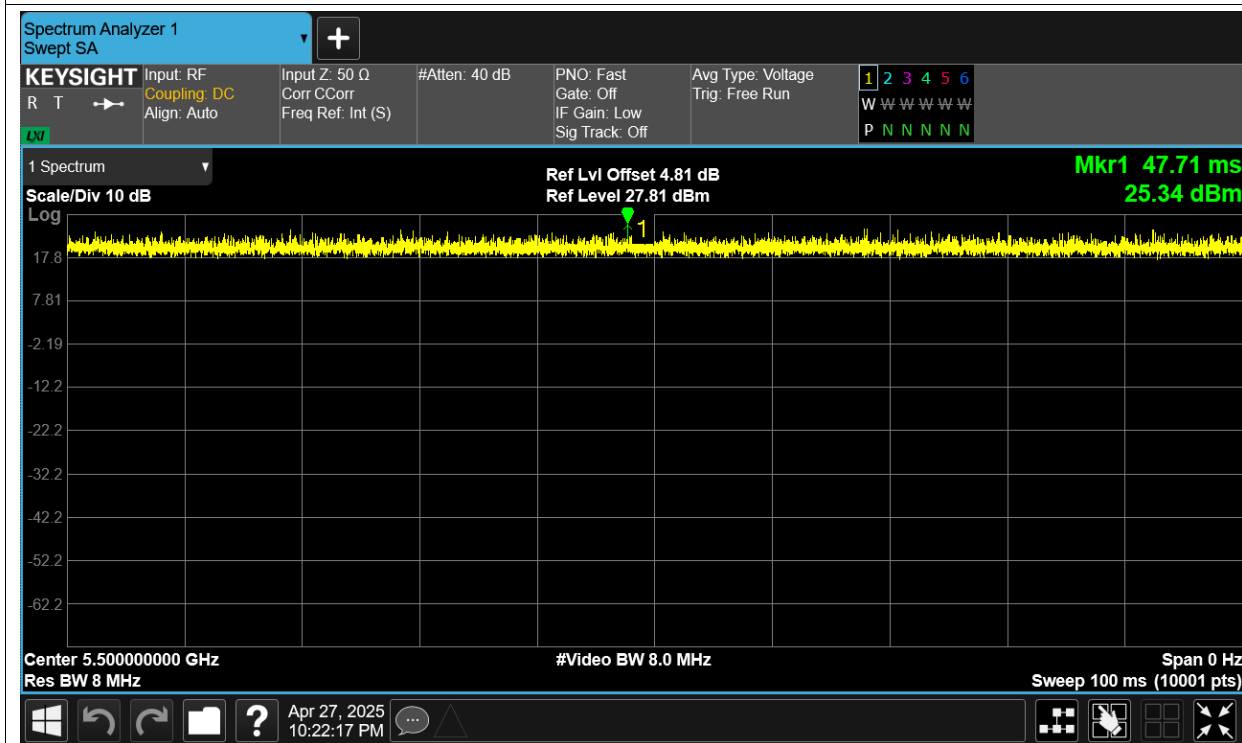
Duty Cycle

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

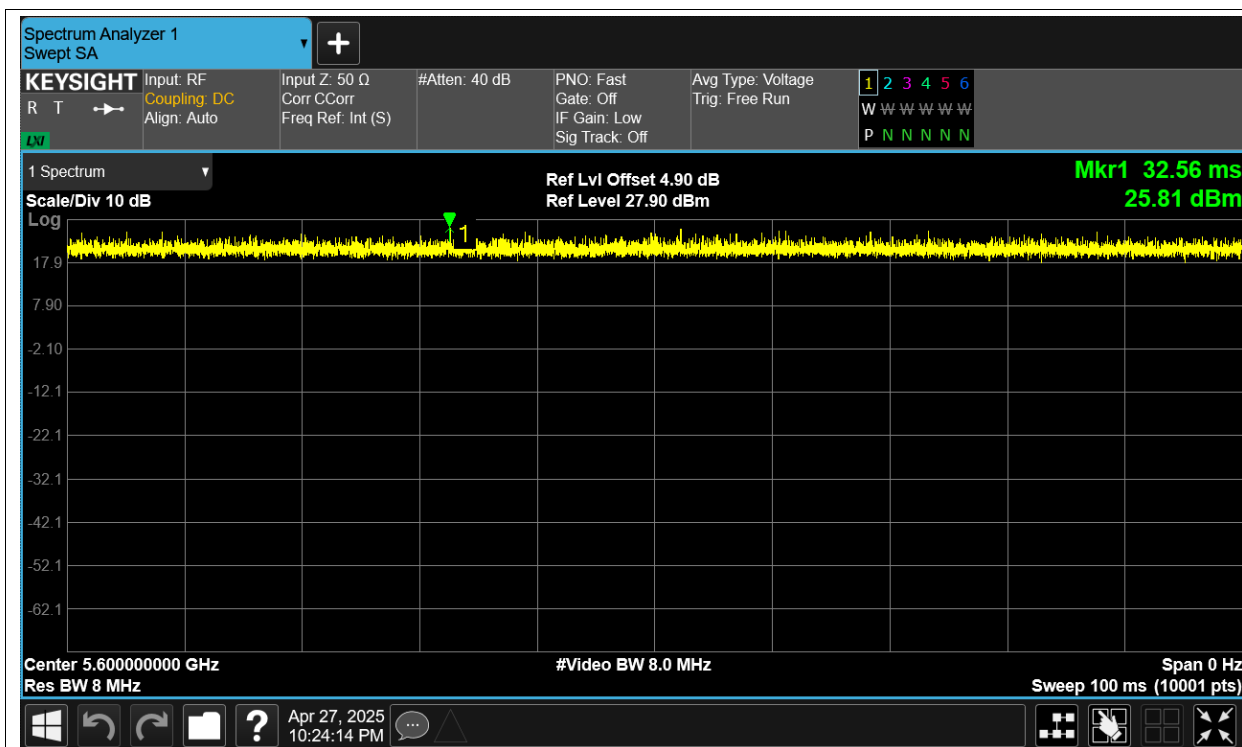




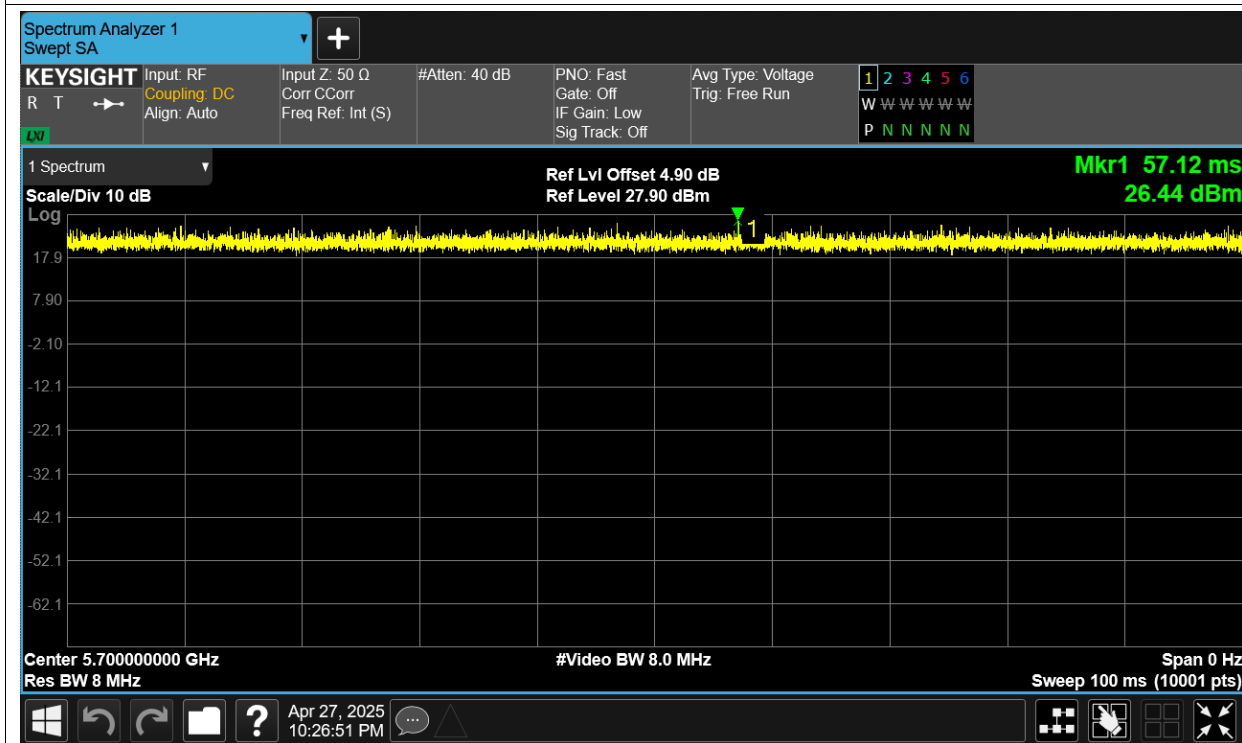
Duty Cycle NVNT ac20 5500MHz Ant14



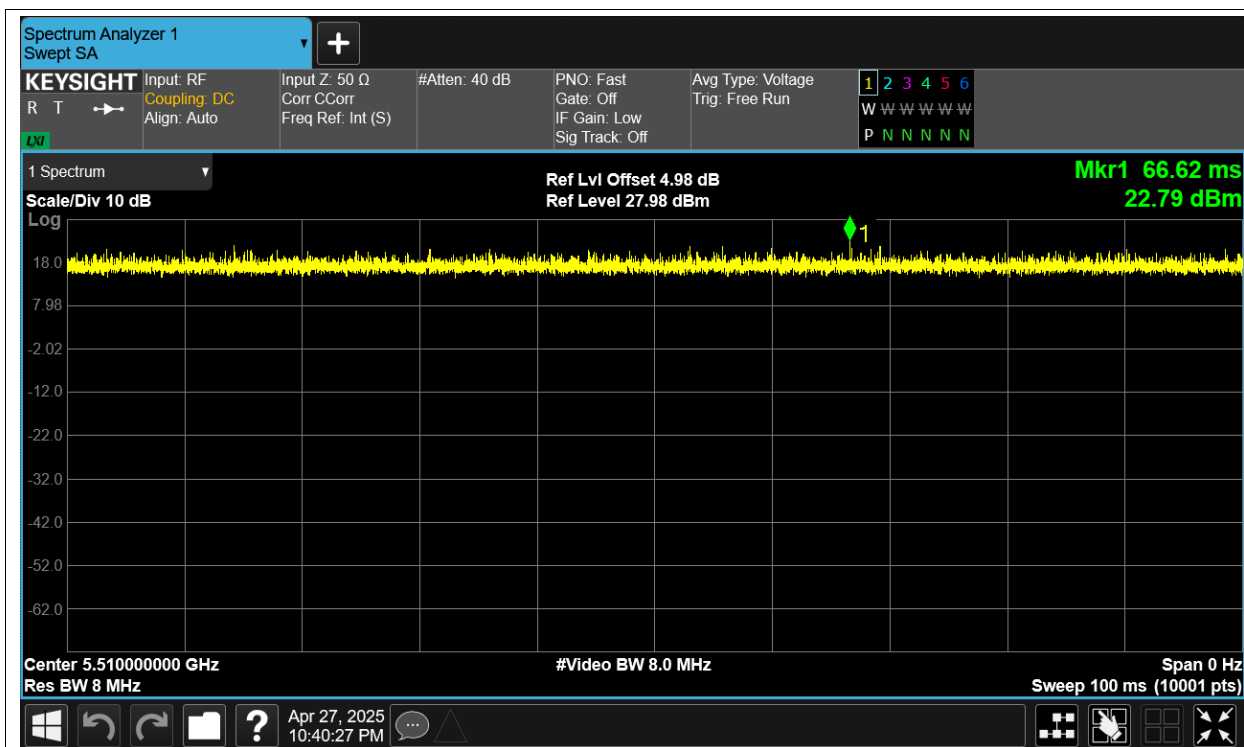
Duty Cycle NVNT ac20 5600MHz Ant14



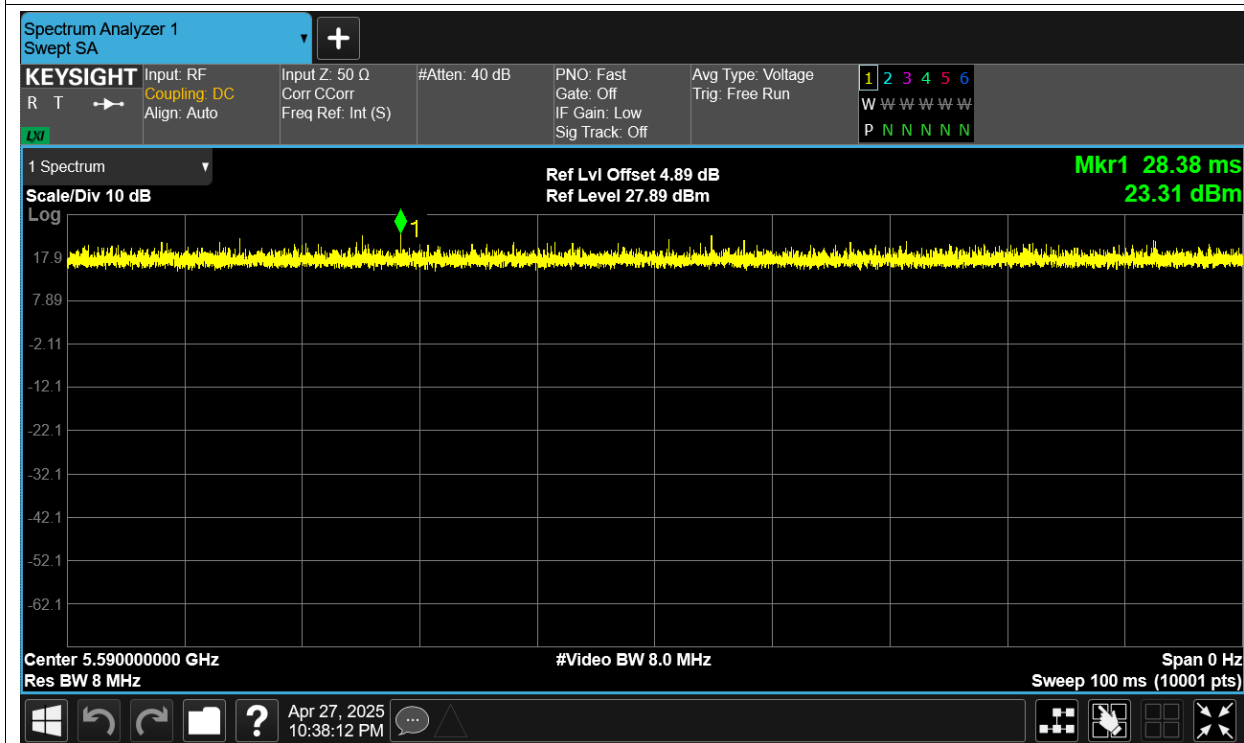
Duty Cycle NVNT ac20 5700MHz Ant14



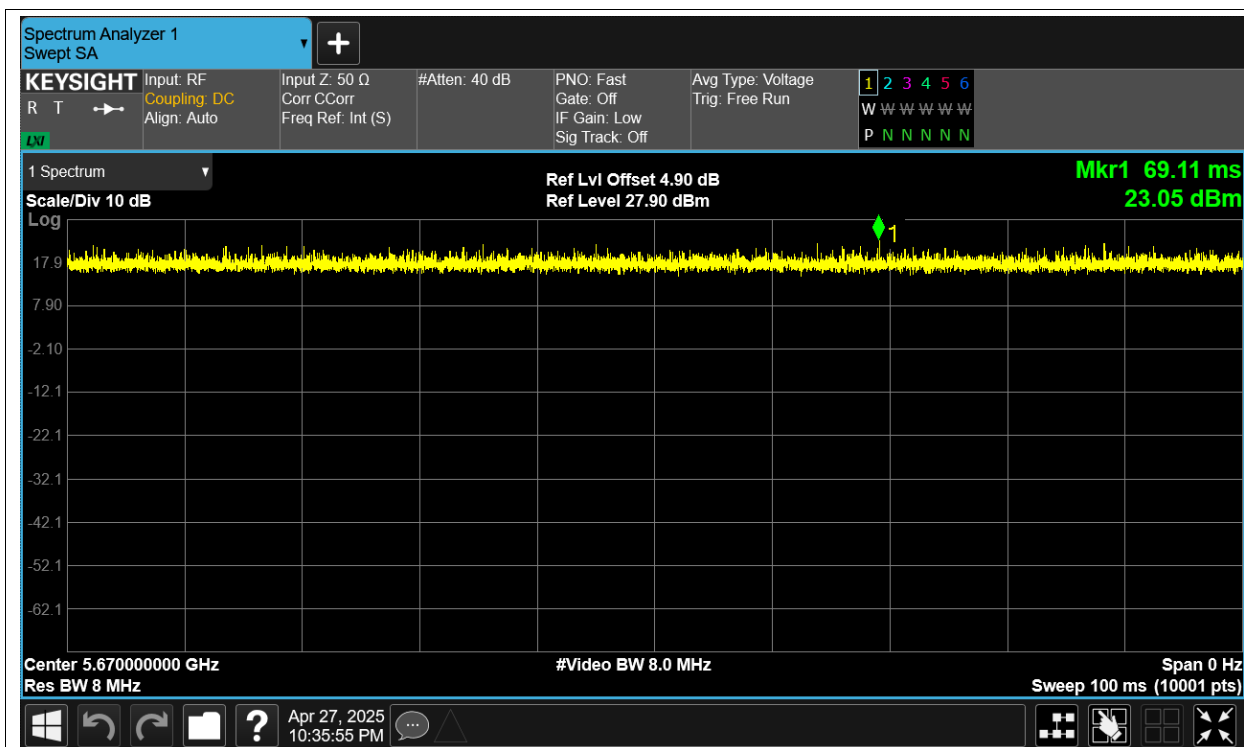
Duty Cycle NVNT ac40 5510MHz Ant14



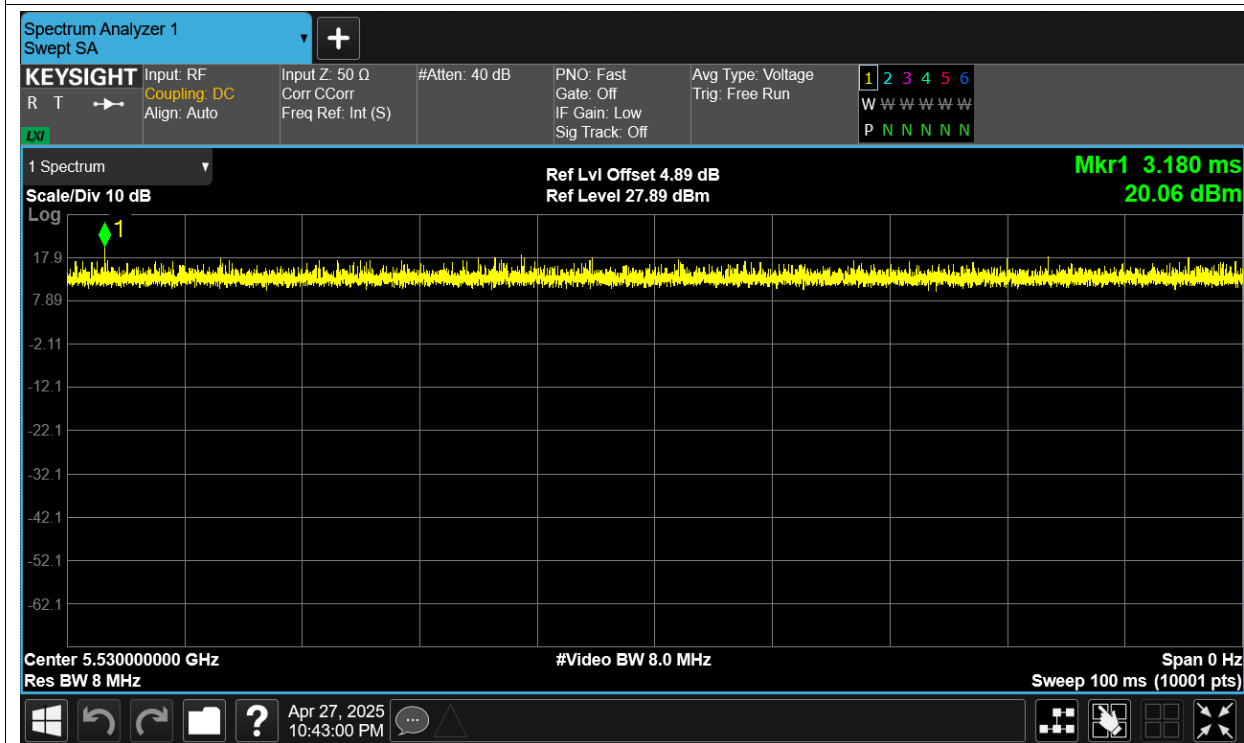
Duty Cycle NVNT ac40 5590MHz Ant14



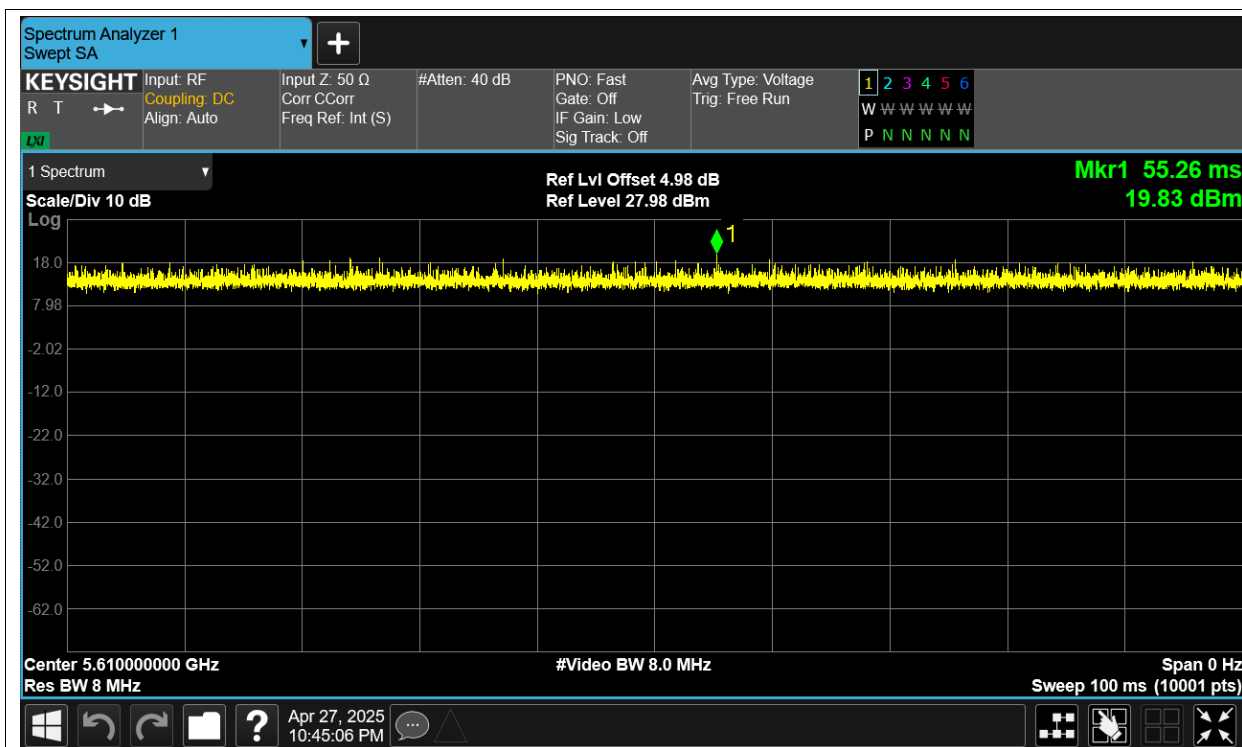
Duty Cycle NVNT ac40 5670MHz Ant14



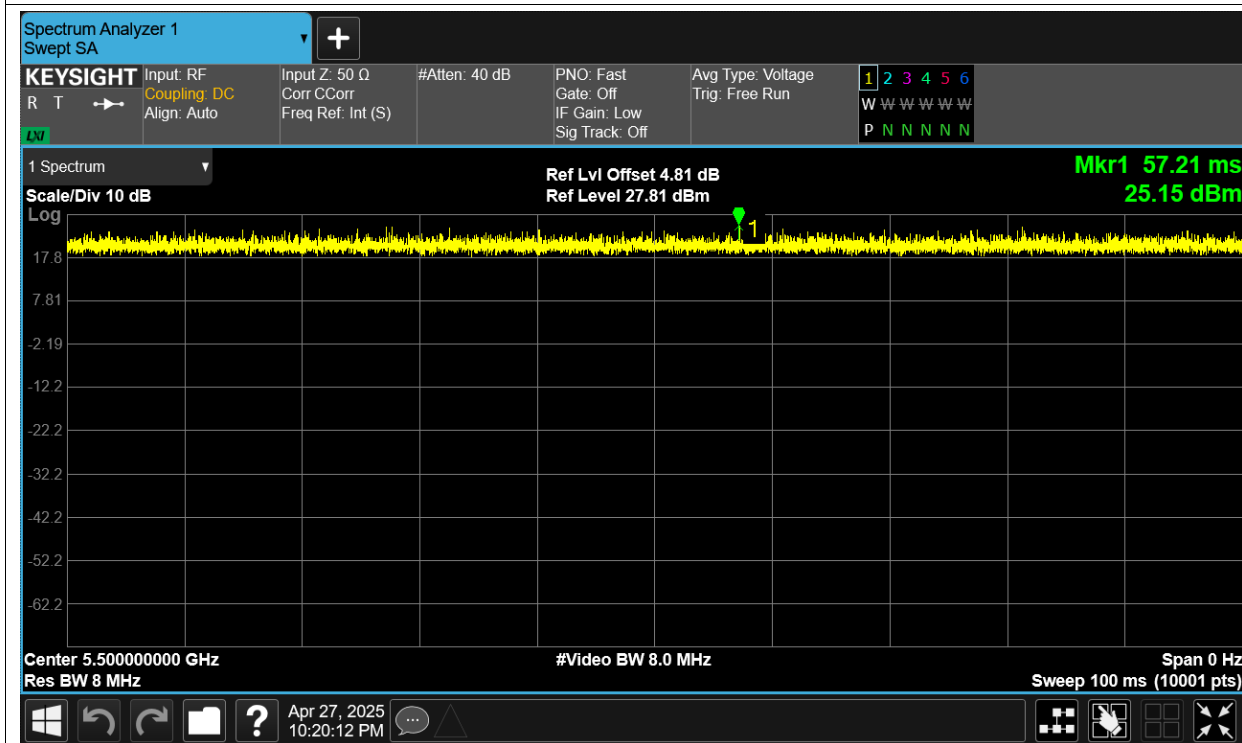
Duty Cycle NVNT ac80 5530MHz Ant14



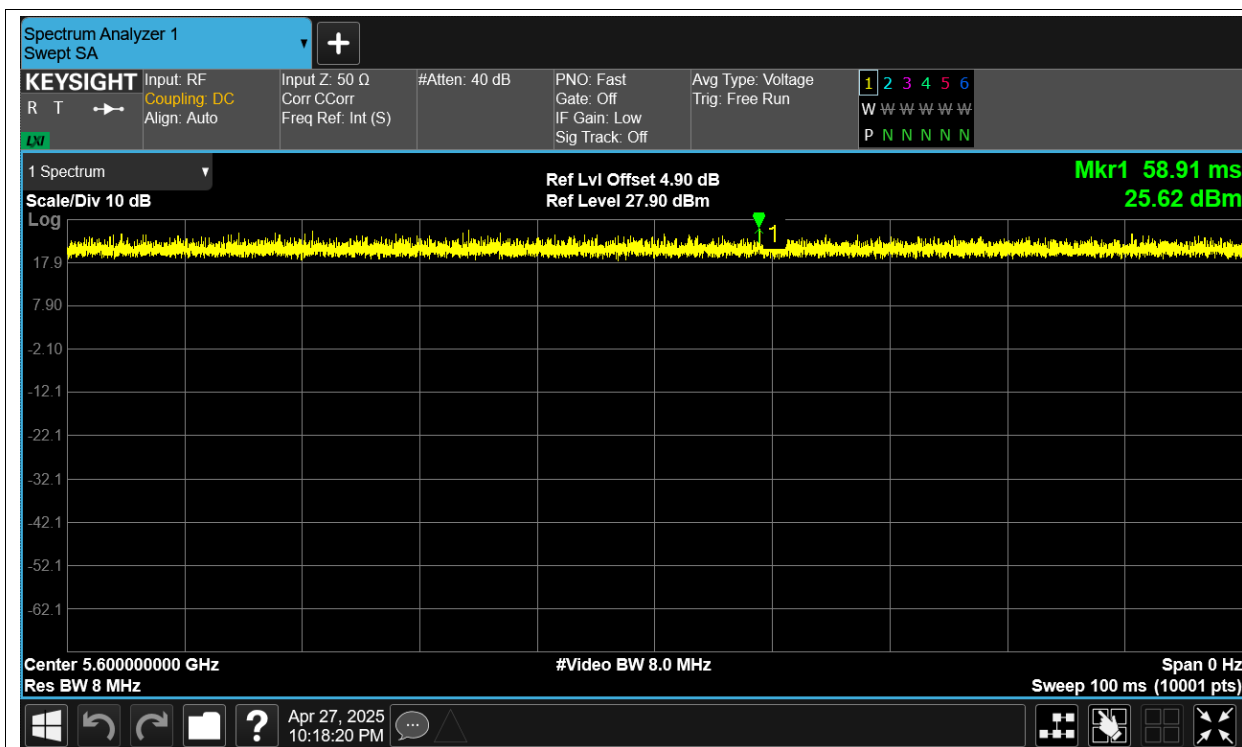
Duty Cycle NVNT ac80 5610MHz Ant14



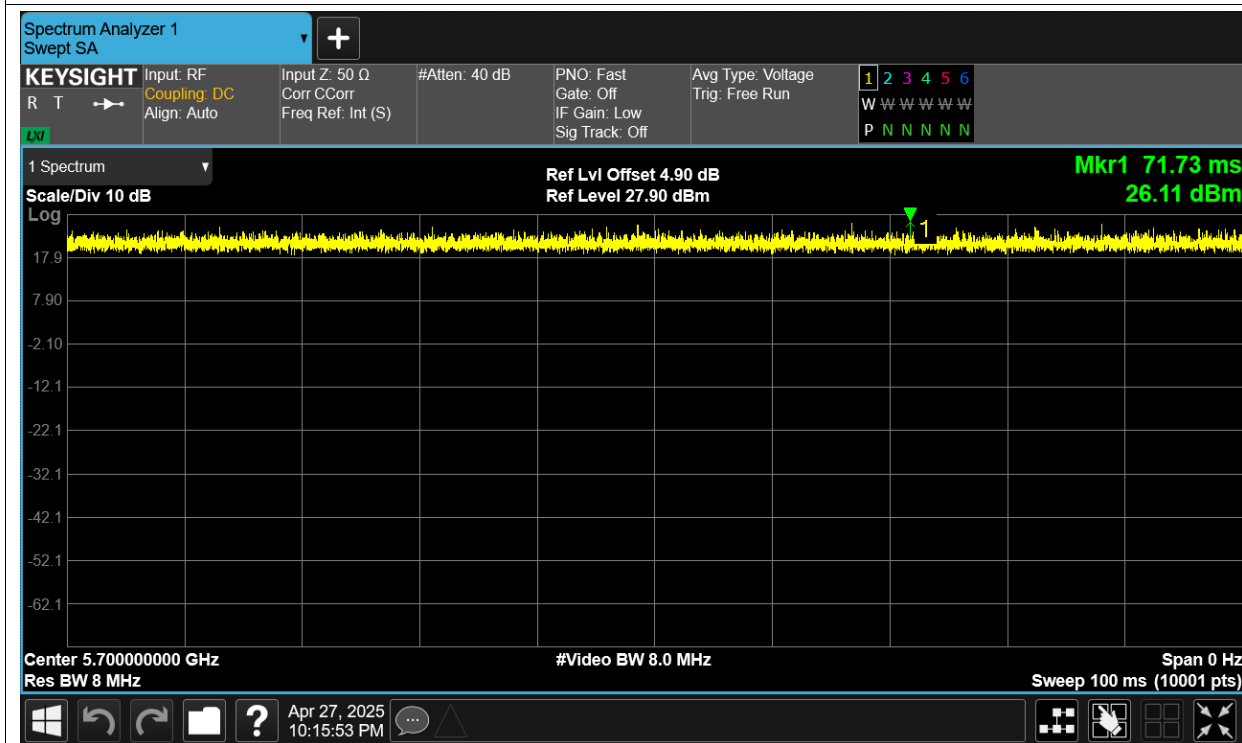
Duty Cycle NVNT n20 5500MHz Ant14



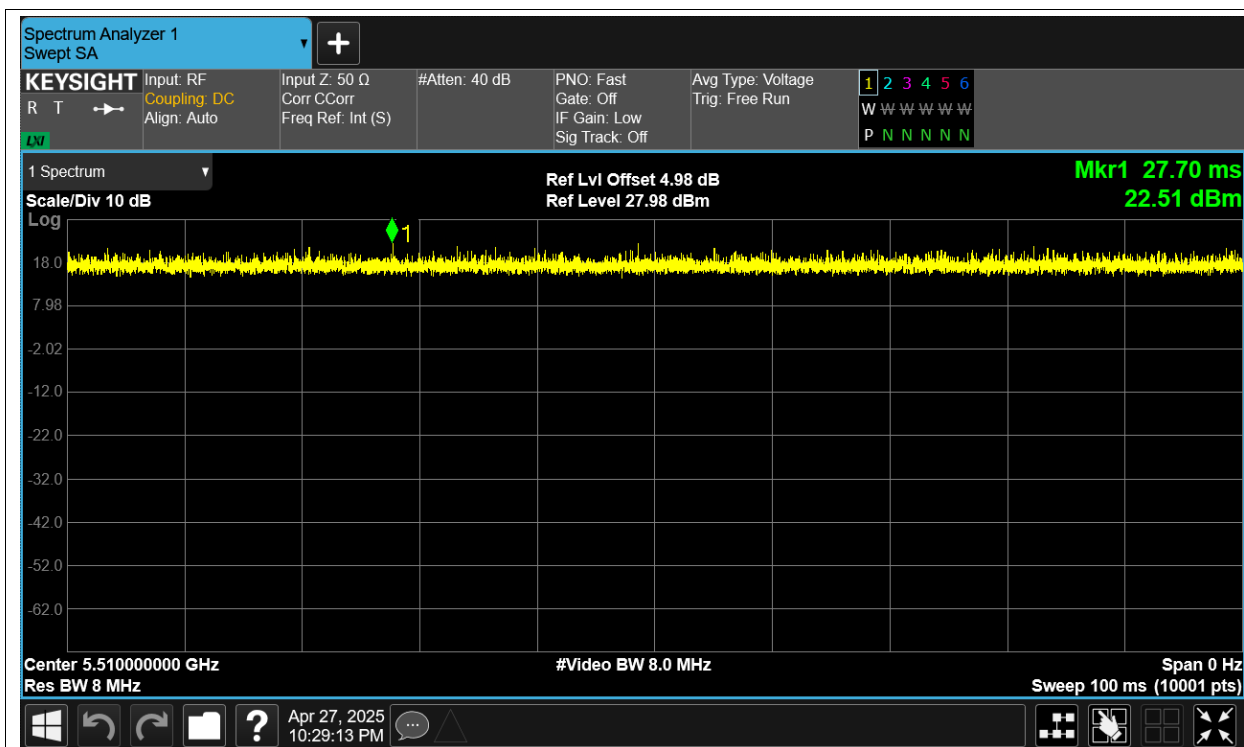
Duty Cycle NVNT n20 5600MHz Ant14



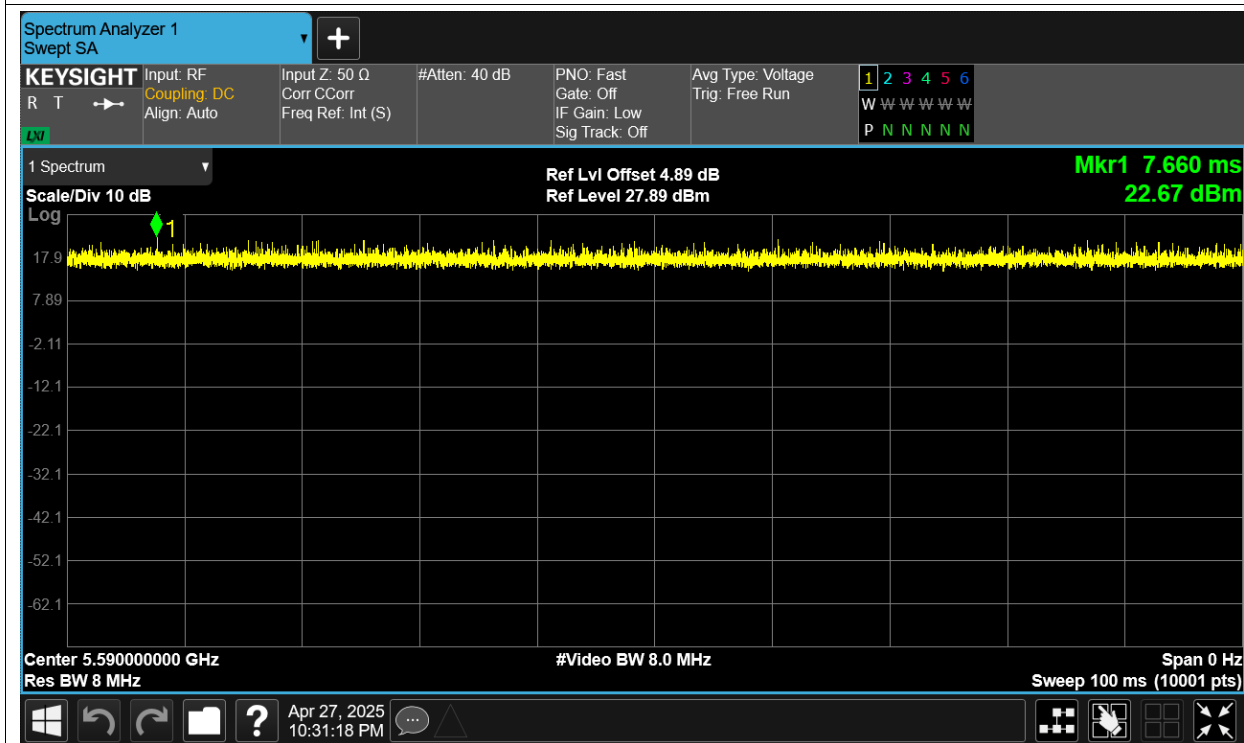
Duty Cycle NVNT n20 5700MHz Ant14



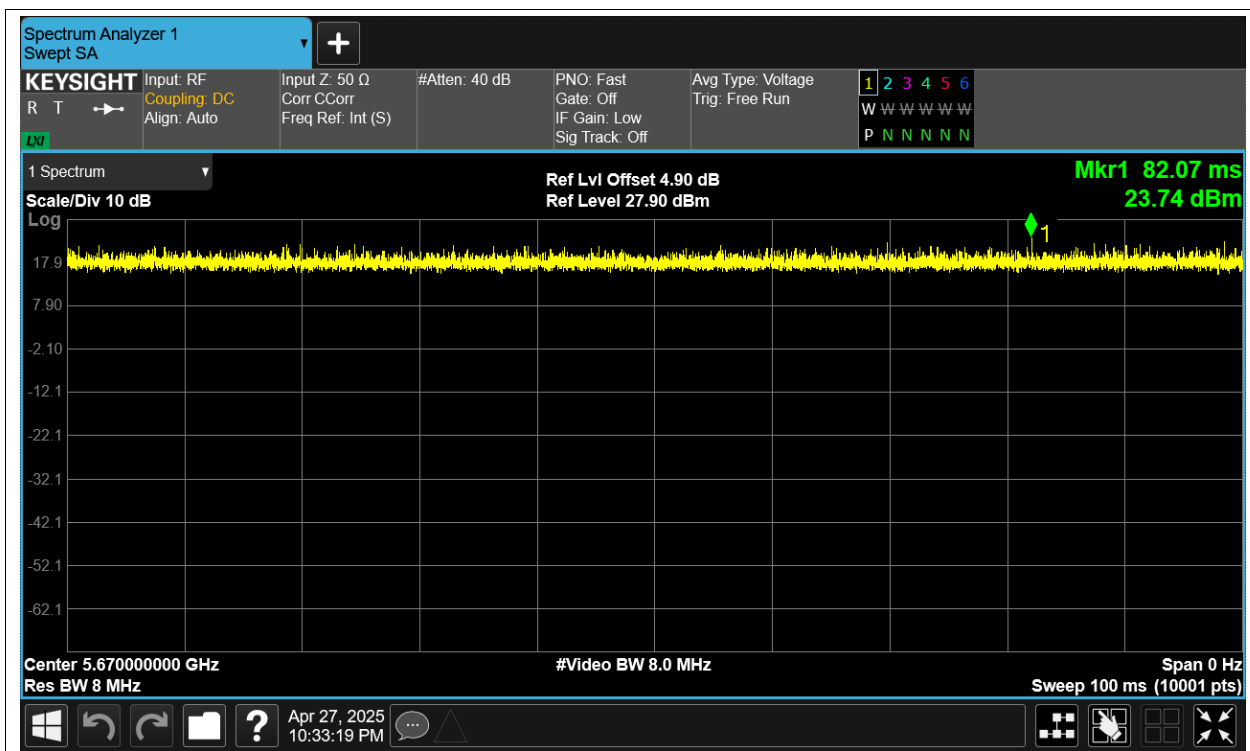
Duty Cycle NVNT n40 5510MHz Ant14



Duty Cycle NVNT n40 5590MHz Ant14



Duty Cycle NVNT n40 5670MHz Ant14



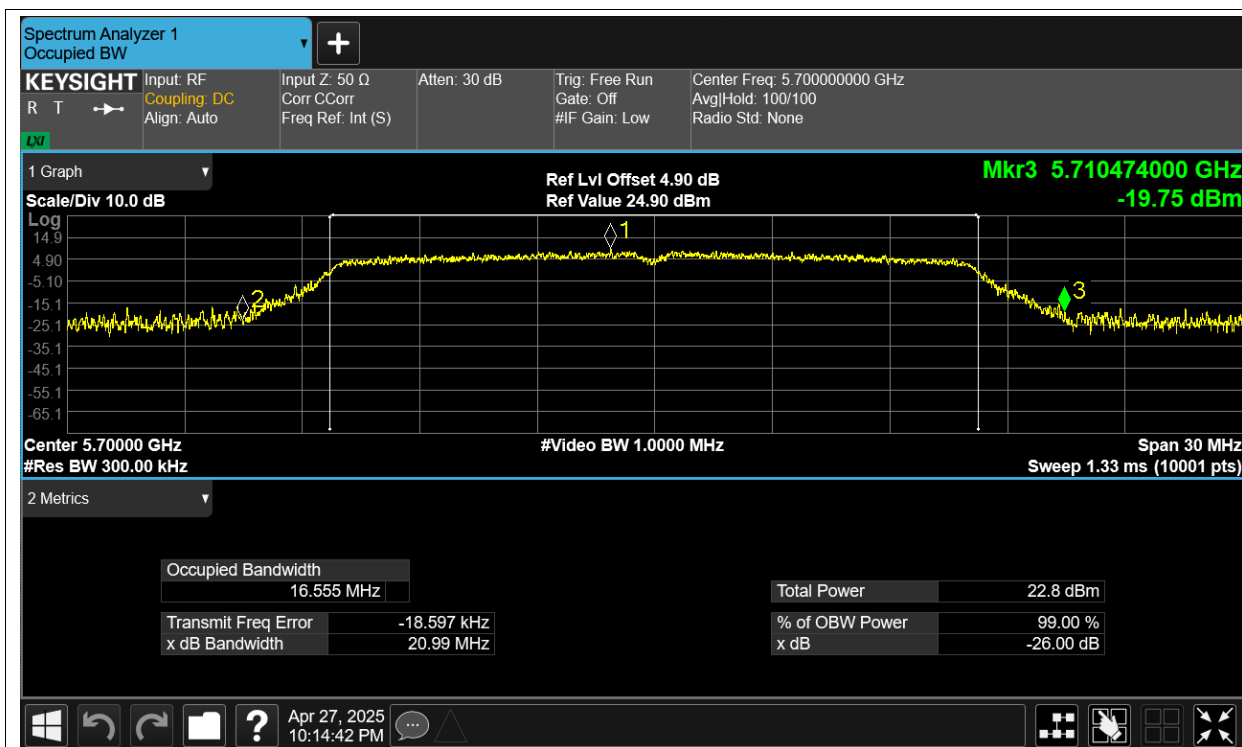
Maximum Conducted Output Power

Condition	Mode	Frequency (MHz)	Antenna	Conducted Power (dBm)	Duty Factor (dB)	Total Power (dBm)	Limit (dBm)	Verdict
NVNT	a	5500	Ant14	16.75	0	16.75	24	Pass
NVNT	a	5600	Ant14	16.28	0	16.28	24	Pass
NVNT	a	5700	Ant14	16.55	0	16.55	24	Pass
NVNT	ac20	5500	Ant14	15.62	0	15.62	24	Pass
NVNT	ac20	5600	Ant14	15.4	0	15.4	24	Pass
NVNT	ac20	5700	Ant14	16.01	0	16.01	24	Pass
NVNT	ac40	5510	Ant14	15.77	0	15.77	24	Pass
NVNT	ac40	5590	Ant14	15.28	0	15.28	24	Pass
NVNT	ac40	5670	Ant14	15.04	0	15.04	24	Pass
NVNT	ac80	5530	Ant14	14.8	0	14.8	24	Pass
NVNT	ac80	5610	Ant14	14.68	0	14.68	24	Pass
NVNT	n20	5500	Ant14	16.1	0	16.1	24	Pass
NVNT	n20	5600	Ant14	15.43	0	15.43	24	Pass
NVNT	n20	5700	Ant14	16	0	16	24	Pass
NVNT	n40	5510	Ant14	15.73	0	15.73	24	Pass
NVNT	n40	5590	Ant14	15.31	0	15.31	24	Pass
NVNT	n40	5670	Ant14	15.34	0	15.34	24	Pass

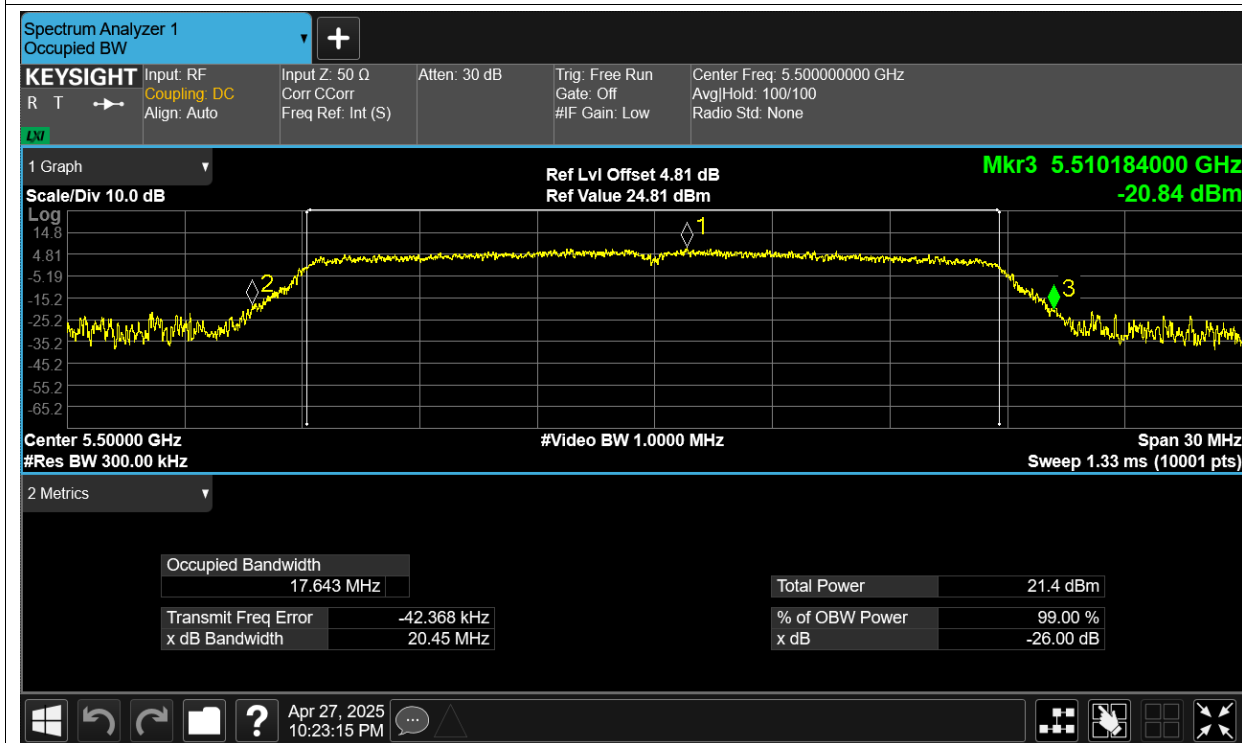
-26dB Bandwidth

Condition	Mode	Frequency (MHz)	Antenna	-26 dB Bandwidth (MHz)
NVNT	a	5500	Ant14	19.891
NVNT	a	5600	Ant14	20.401
NVNT	a	5700	Ant14	20.986
NVNT	ac20	5500	Ant14	20.453
NVNT	ac20	5600	Ant14	22.967
NVNT	ac20	5700	Ant14	20.305
NVNT	ac40	5510	Ant14	40.41
NVNT	ac40	5590	Ant14	39.92
NVNT	ac40	5670	Ant14	39.807
NVNT	ac80	5530	Ant14	79.108
NVNT	ac80	5610	Ant14	79.643
NVNT	n20	5500	Ant14	20.608
NVNT	n20	5600	Ant14	22.248
NVNT	n20	5700	Ant14	20.39
NVNT	n40	5510	Ant14	39.694
NVNT	n40	5590	Ant14	39.636
NVNT	n40	5670	Ant14	39.49

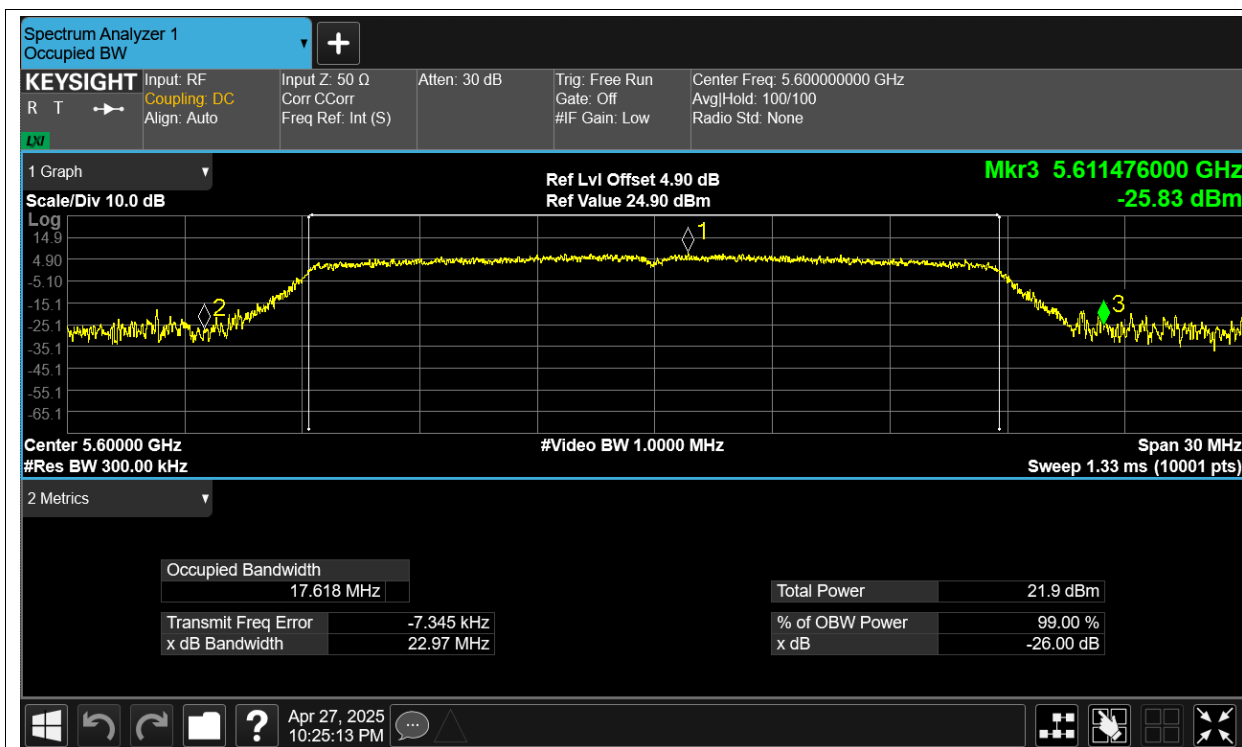




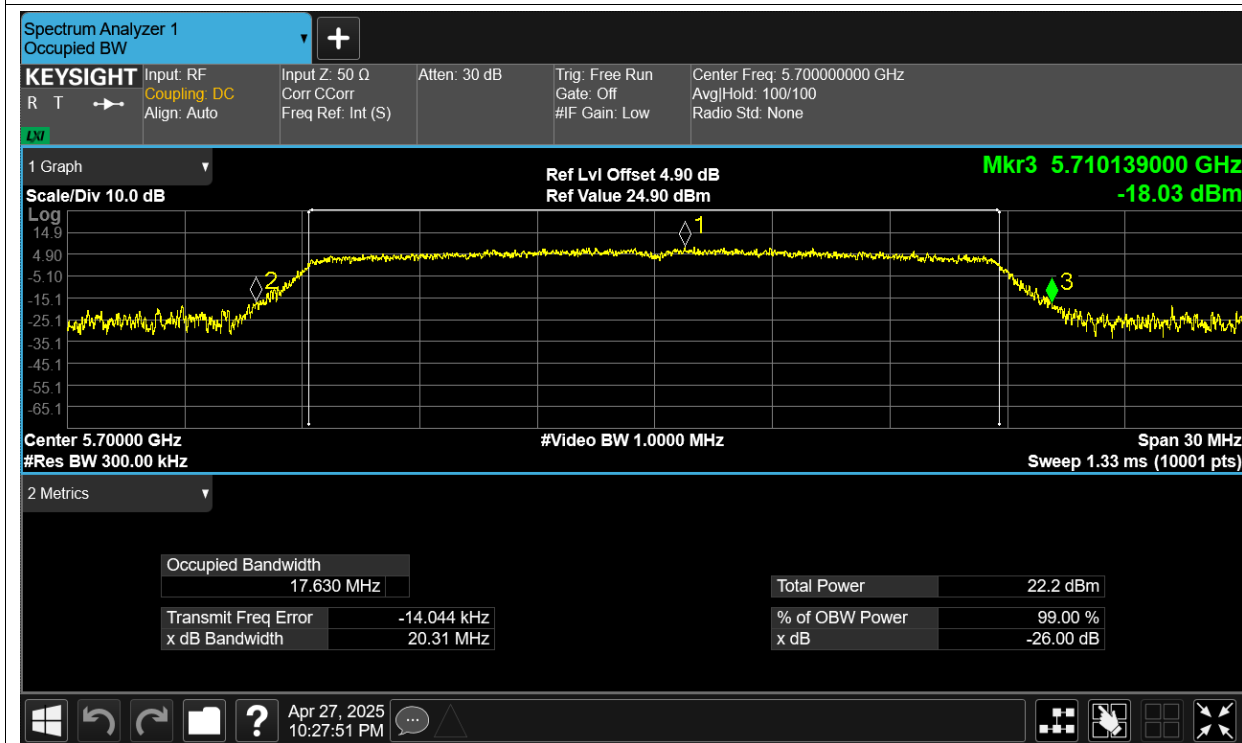
-26dB Bandwidth NVNT ac20 5500MHz Ant14



-26dB Bandwidth NVNT ac20 5600MHz Ant14



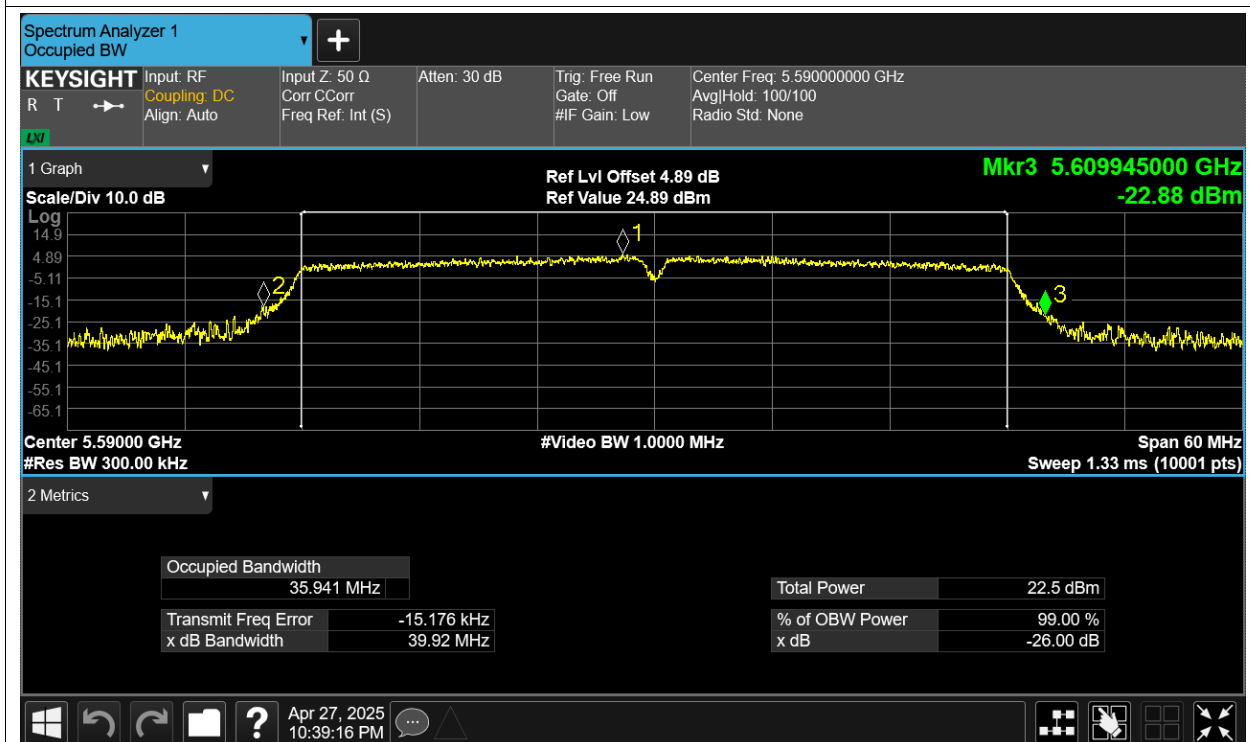
-26dB Bandwidth NVNT ac20 5700MHz Ant14



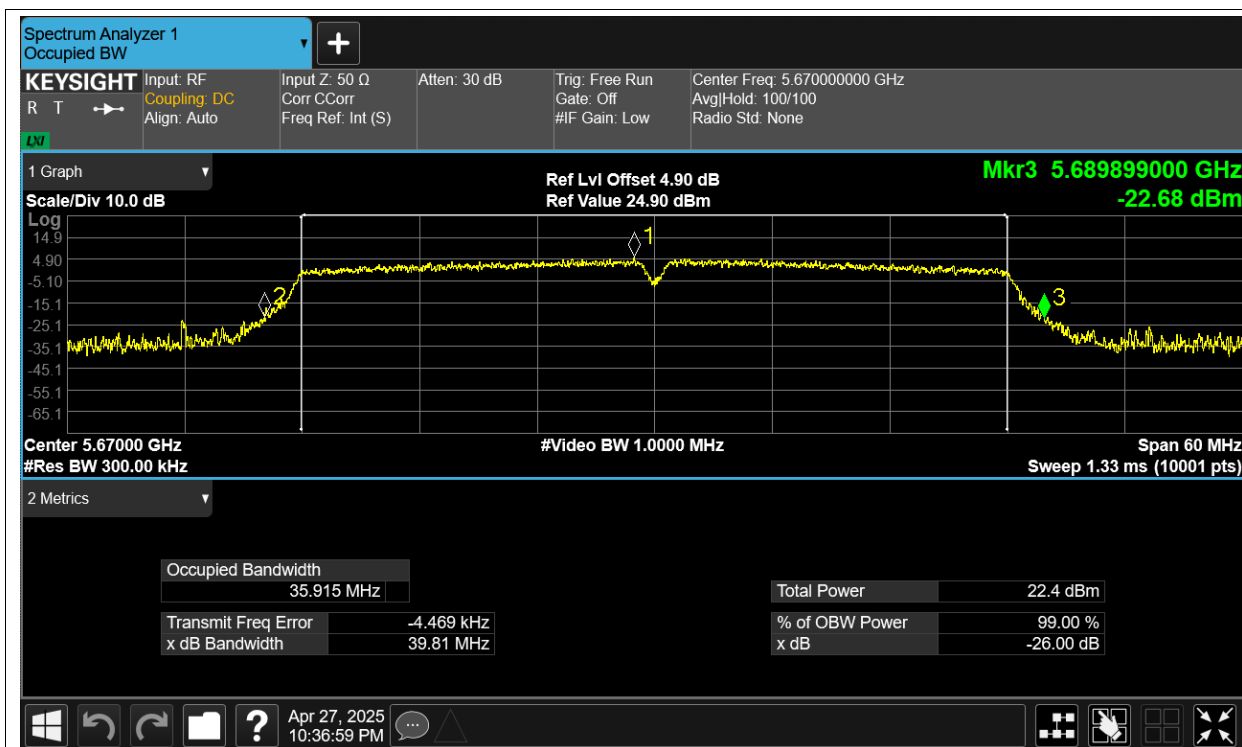
-26dB Bandwidth NVNT ac40 5510MHz Ant14



-26dB Bandwidth NVNT ac40 5590MHz Ant14



-26dB Bandwidth NVNT ac40 5670MHz Ant14



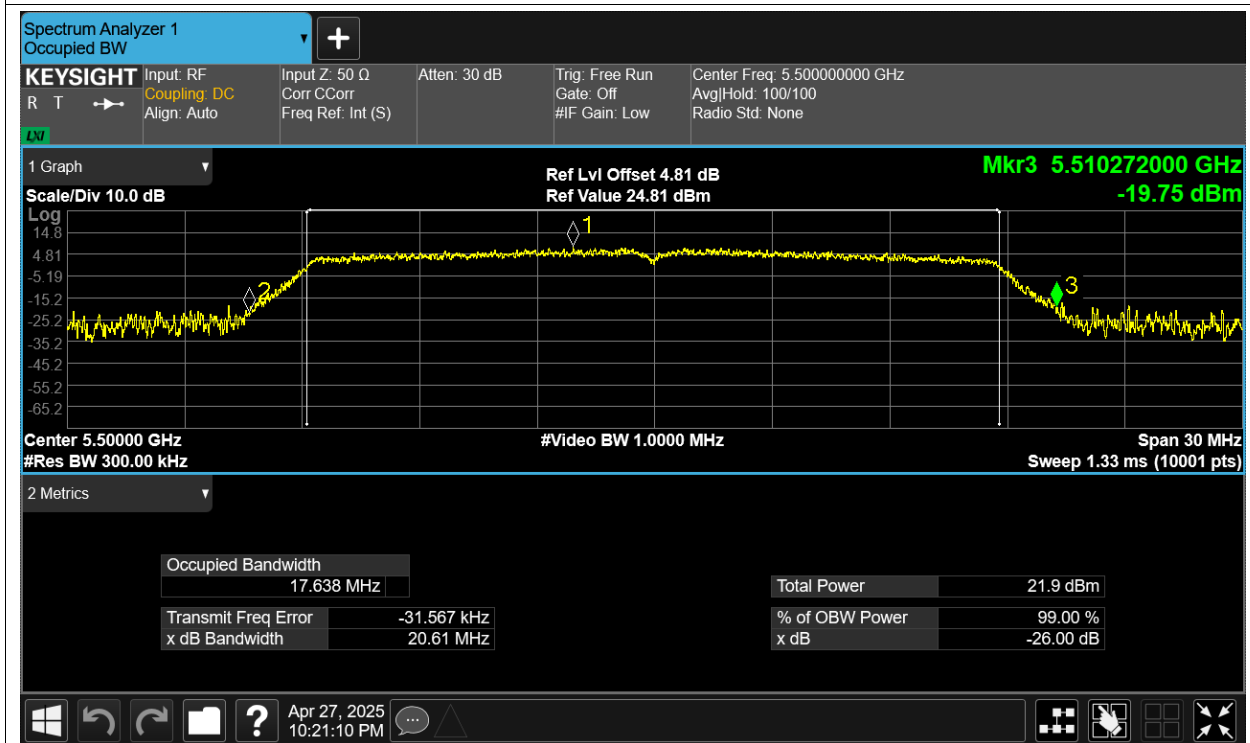
-26dB Bandwidth NVNT ac80 5530MHz Ant14



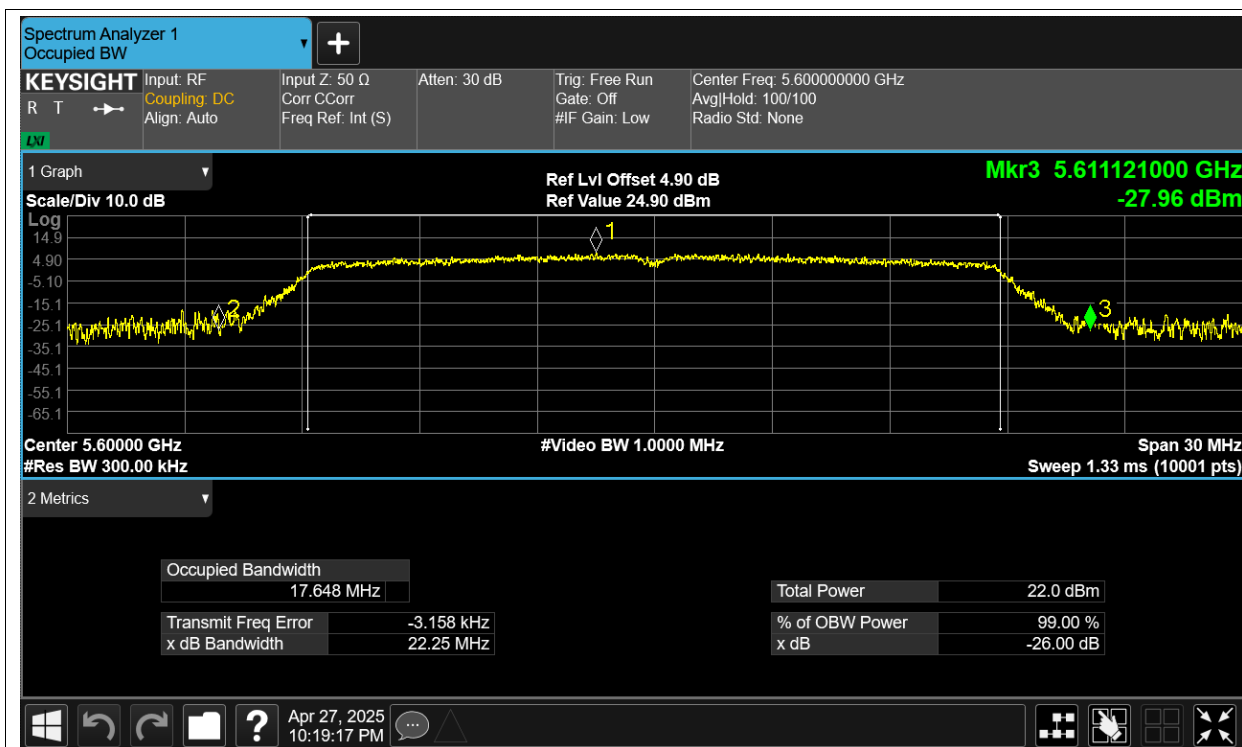
-26dB Bandwidth NVNT ac80 5610MHz Ant14



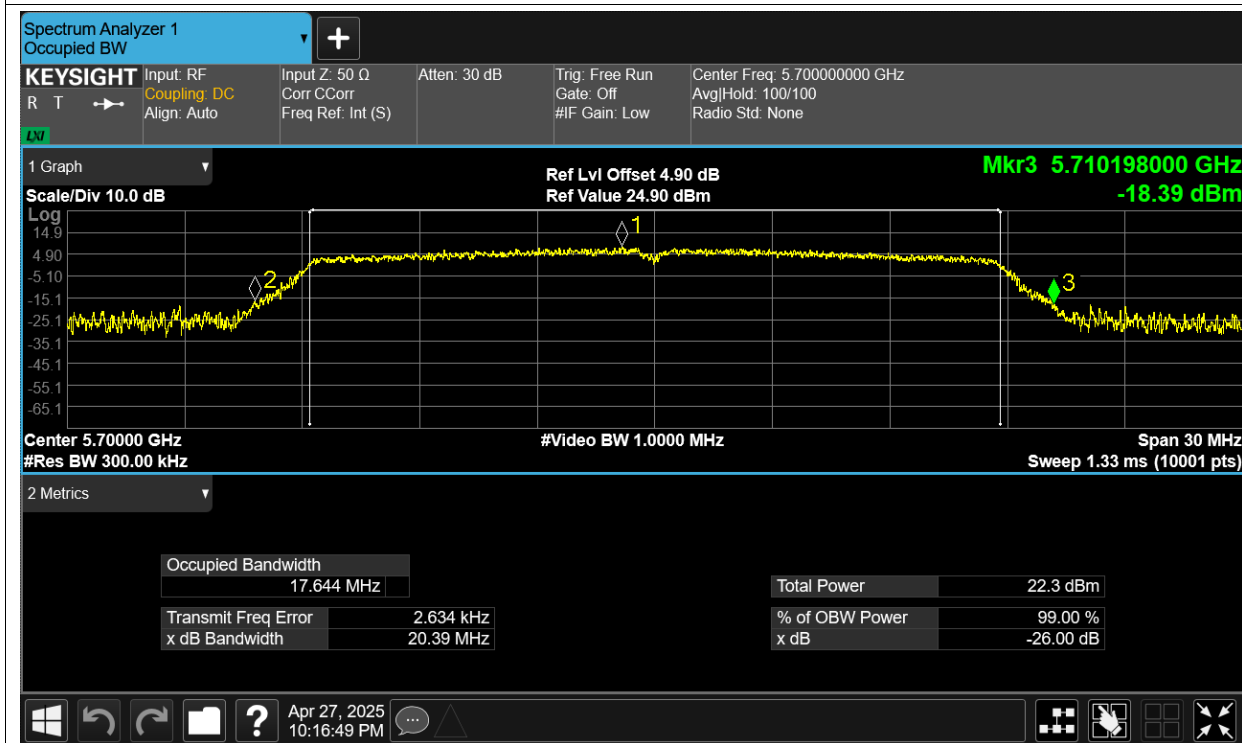
-26dB Bandwidth NVNT n20 5500MHz Ant14



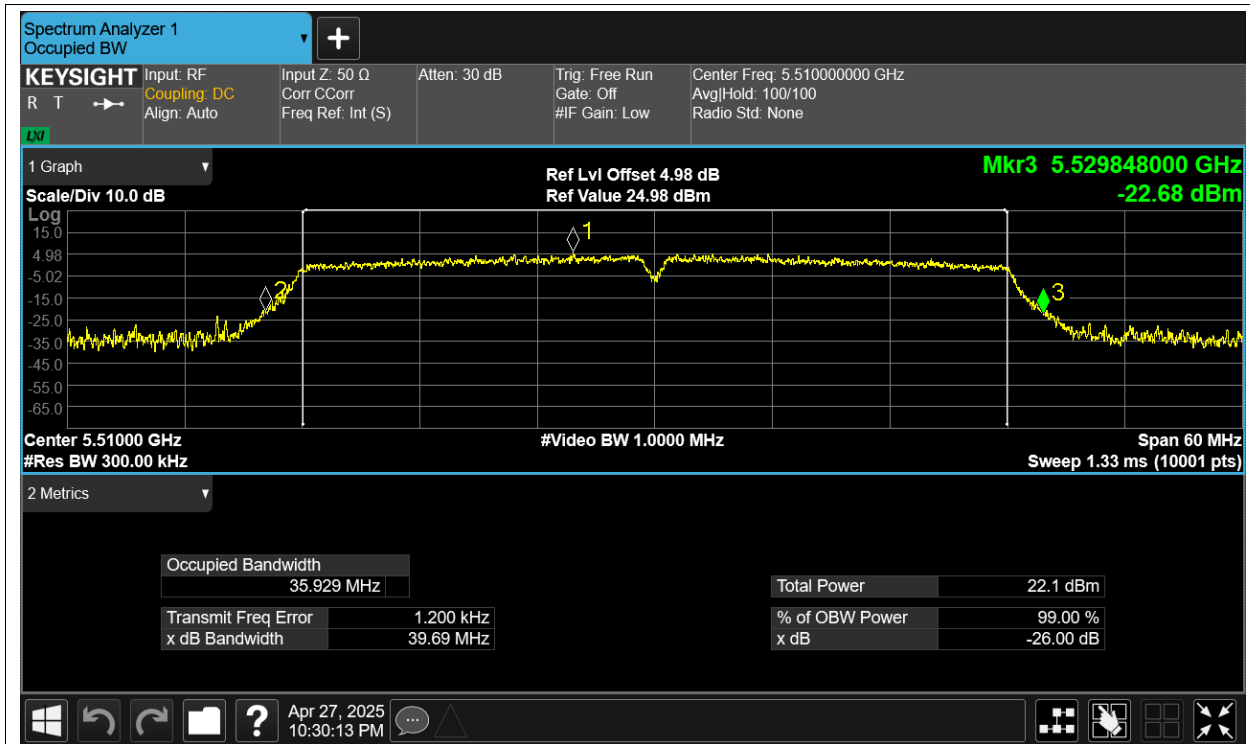
-26dB Bandwidth NVNT n20 5600MHz Ant14



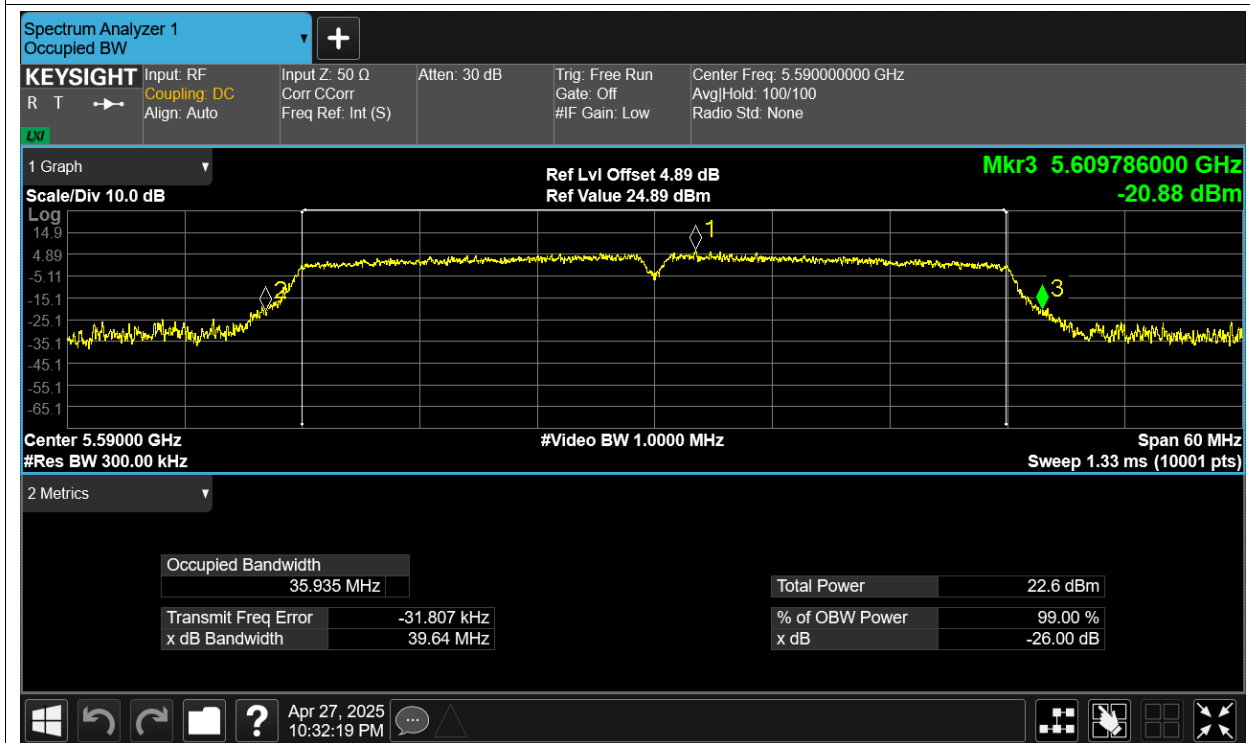
-26dB Bandwidth NVNT n20 5700MHz Ant14



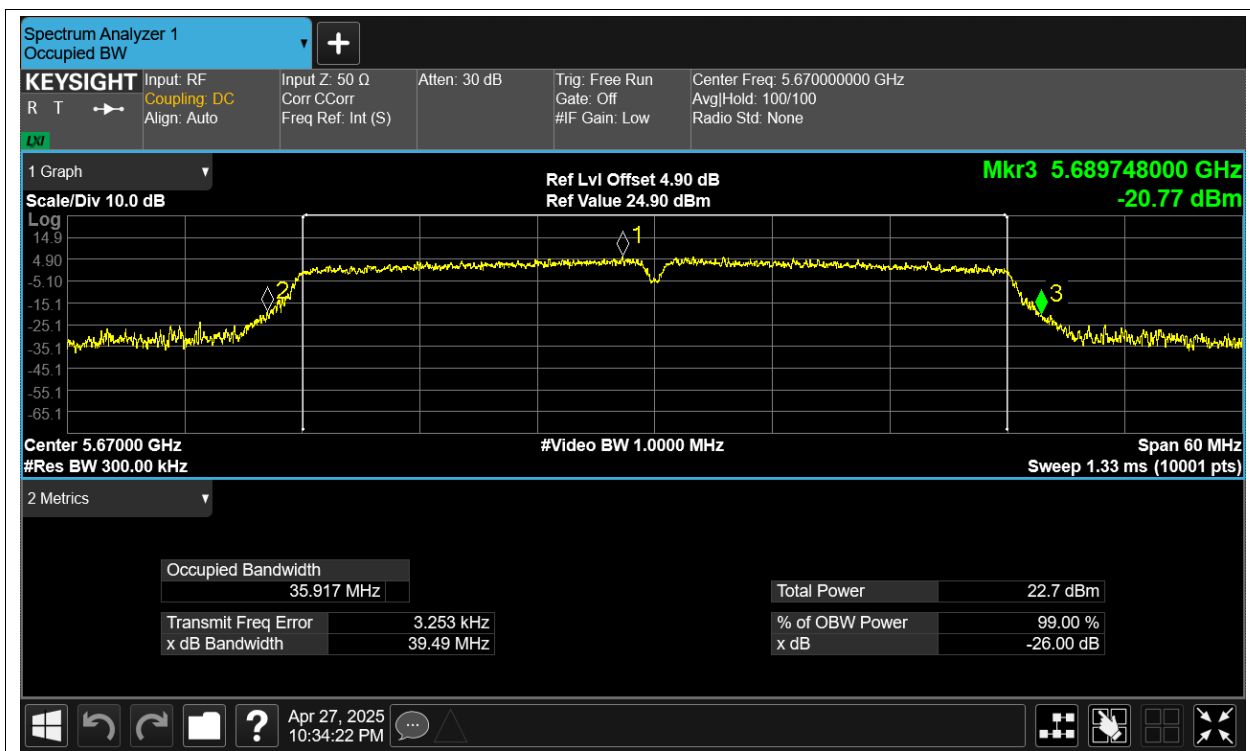
-26dB Bandwidth NVNT n40 5510MHz Ant14



-26dB Bandwidth NVNT n40 5590MHz Ant14



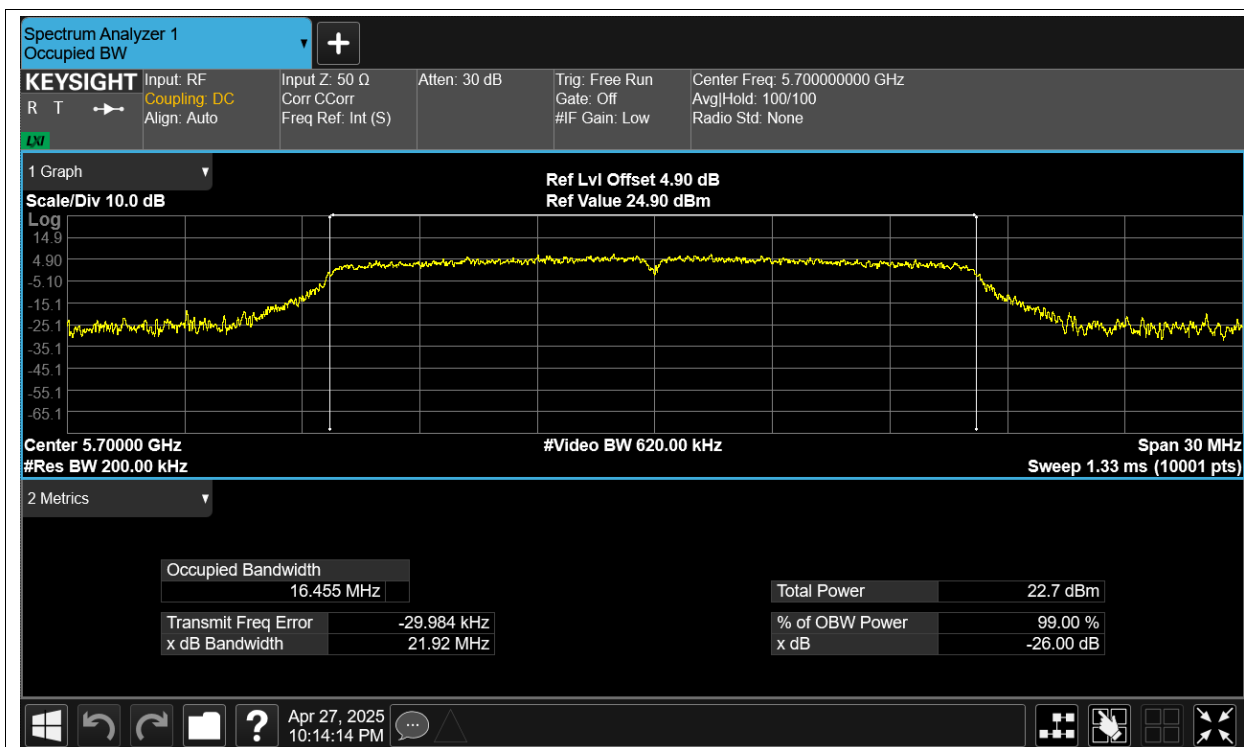
-26dB Bandwidth NVNT n40 5670MHz Ant14



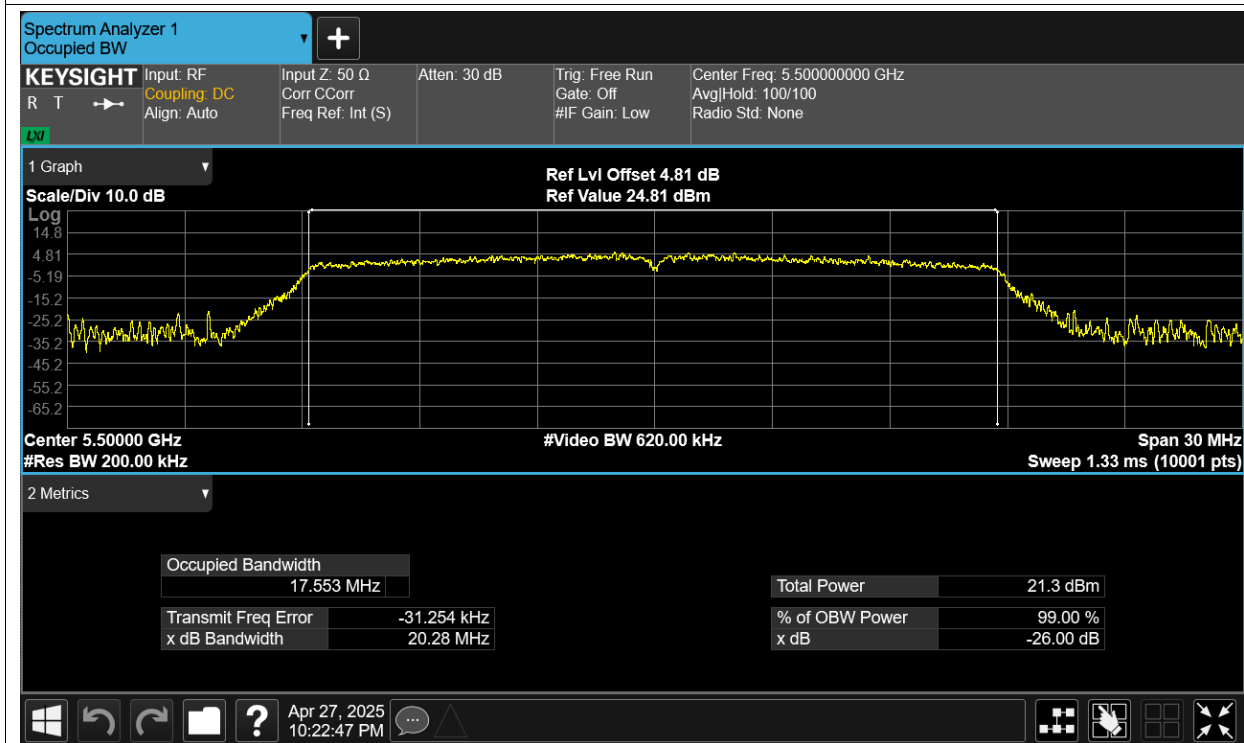
Occupied Channel Bandwidth

Condition	Mode	Frequency (MHz)	Antenna	99% OBW (MHz)
NVNT	a	5500	Ant14	16.423
NVNT	a	5600	Ant14	16.442
NVNT	a	5700	Ant14	16.455
NVNT	ac20	5500	Ant14	17.553
NVNT	ac20	5600	Ant14	17.564
NVNT	ac20	5700	Ant14	17.561
NVNT	ac40	5510	Ant14	35.975
NVNT	ac40	5590	Ant14	35.948
NVNT	ac40	5670	Ant14	35.977
NVNT	ac80	5530	Ant14	75.342
NVNT	ac80	5610	Ant14	75.347
NVNT	n20	5500	Ant14	17.562
NVNT	n20	5600	Ant14	17.569
NVNT	n20	5700	Ant14	17.559
NVNT	n40	5510	Ant14	35.983
NVNT	n40	5590	Ant14	35.981
NVNT	n40	5670	Ant14	35.942

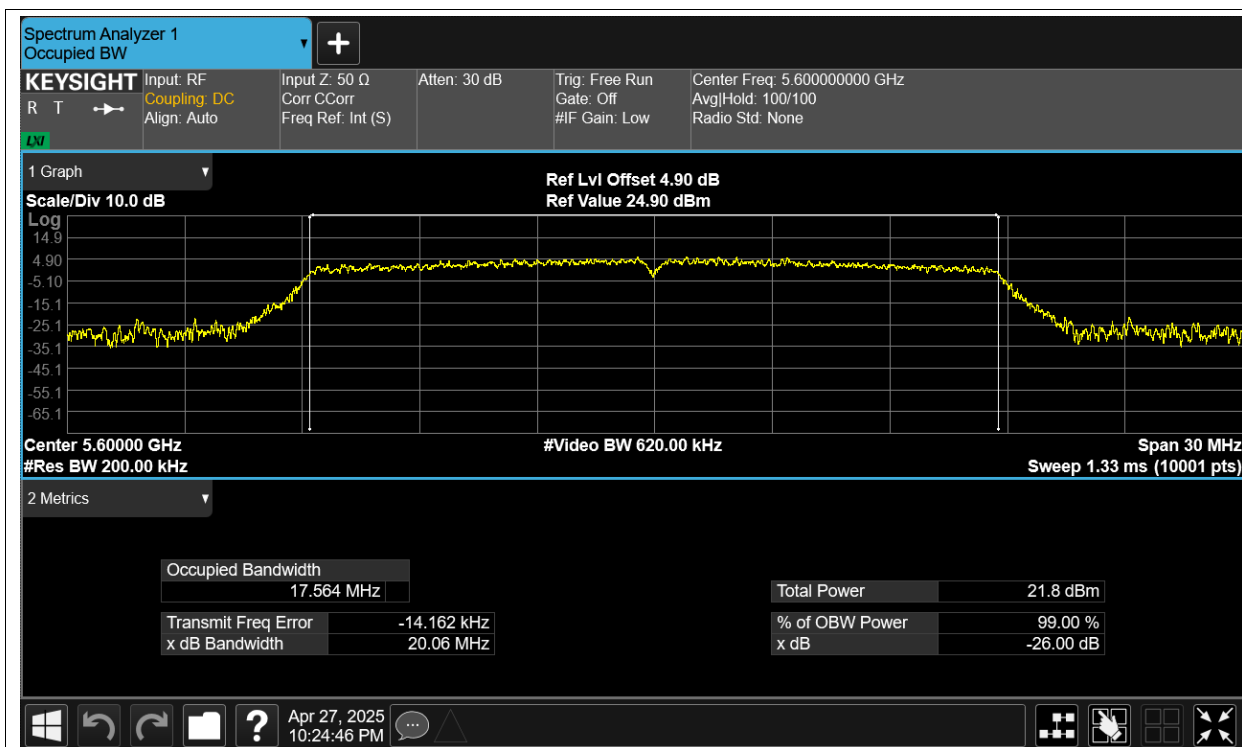




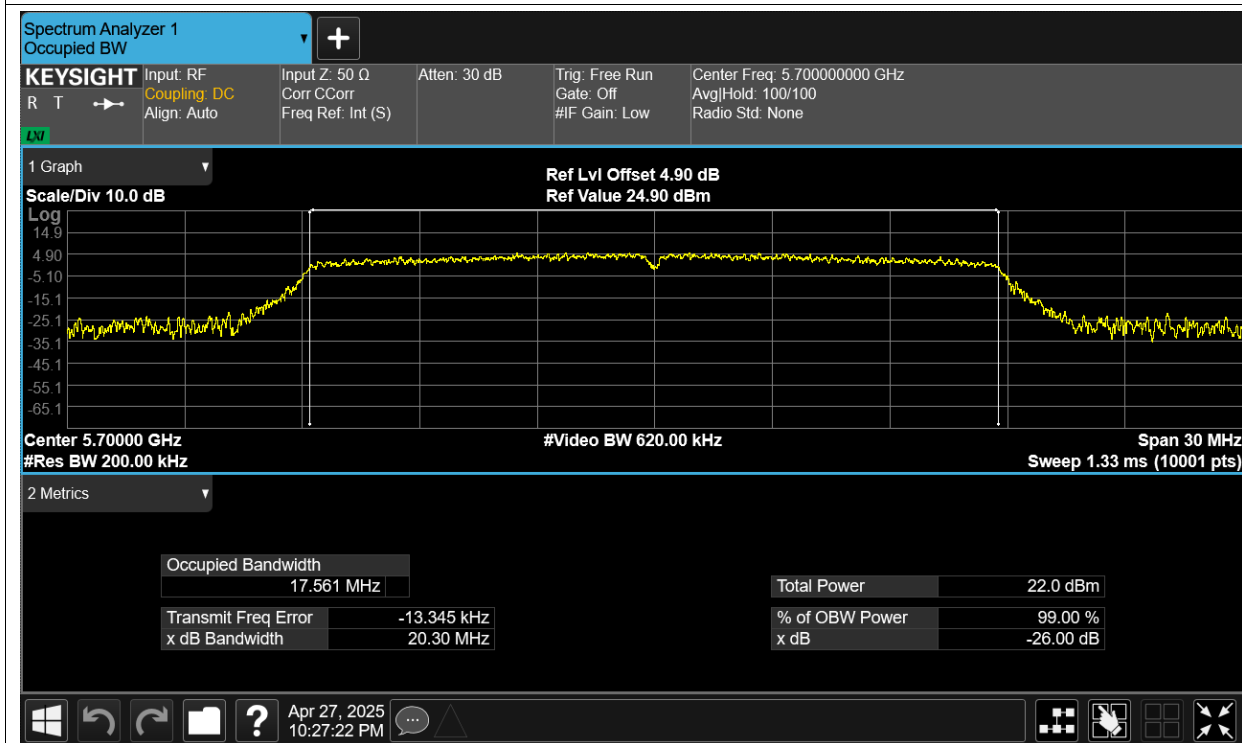
OBW NVNT ac20 5500MHz Ant14



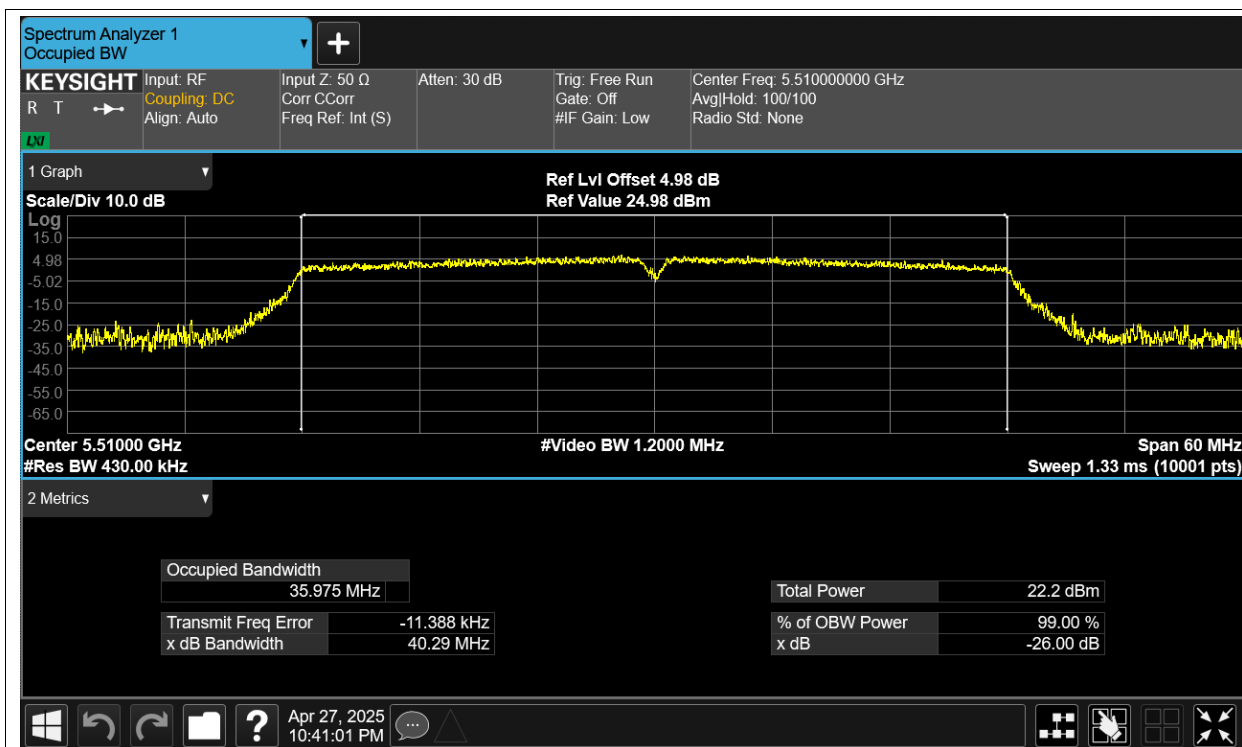
OBW NVNT ac20 5600MHz Ant14



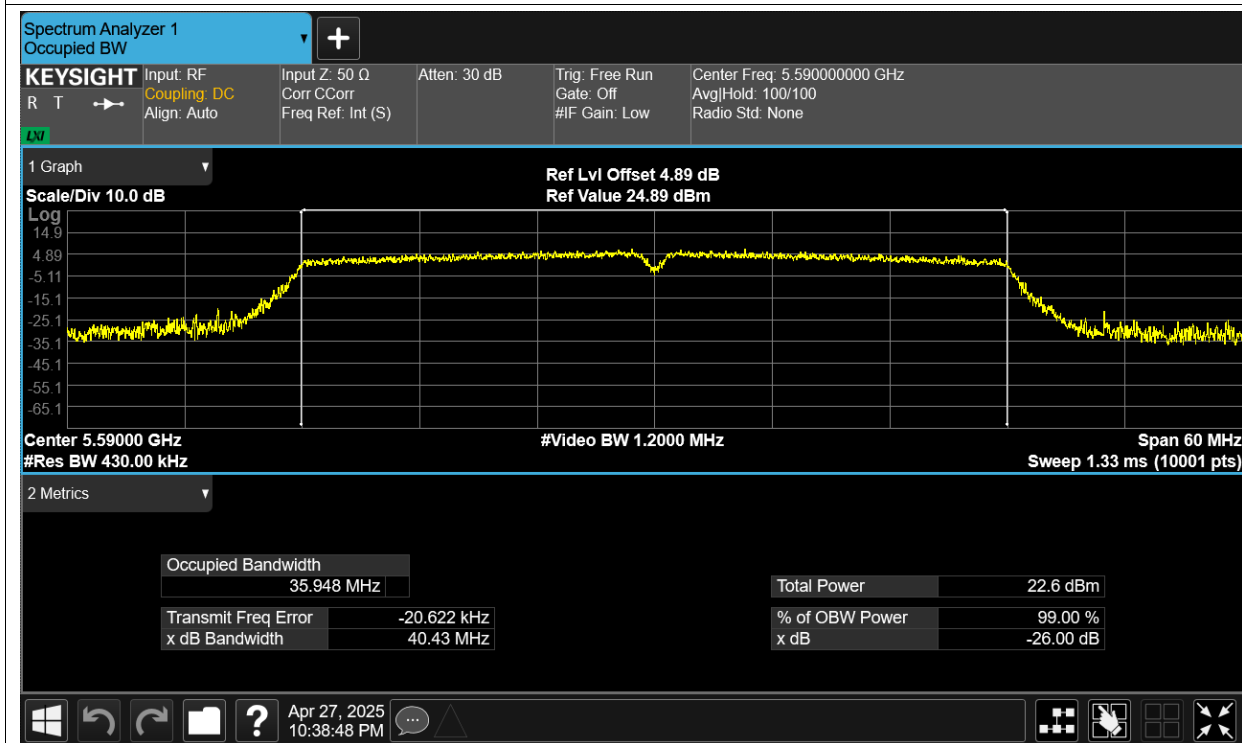
OBW NVNT ac20 5700MHz Ant14



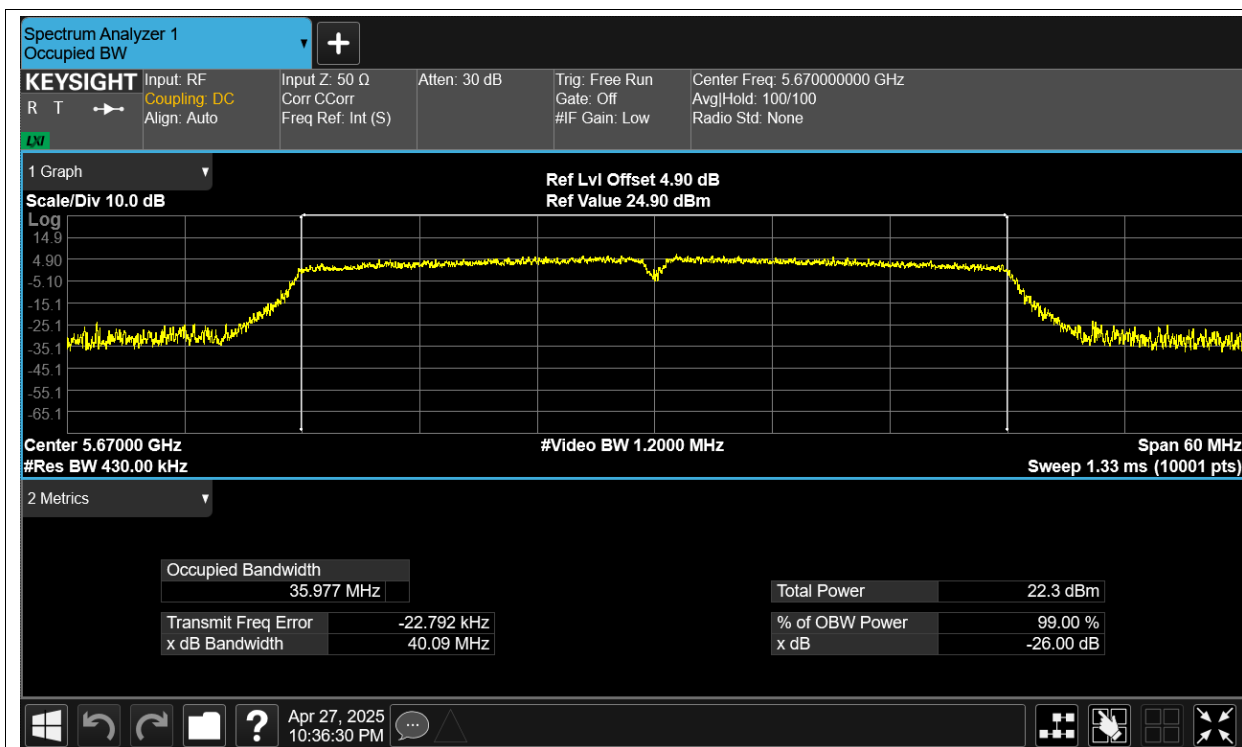
OBW NVNT ac40 5510MHz Ant14



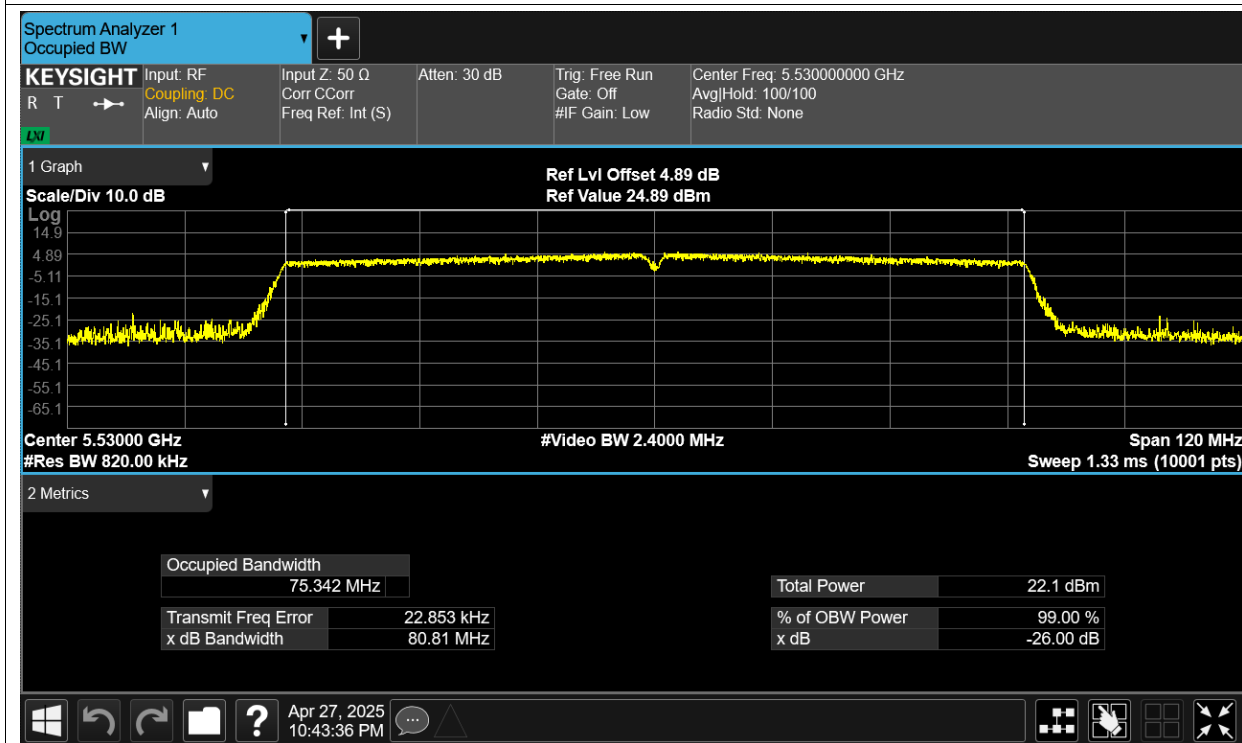
OBW NVNT ac40 5590MHz Ant14



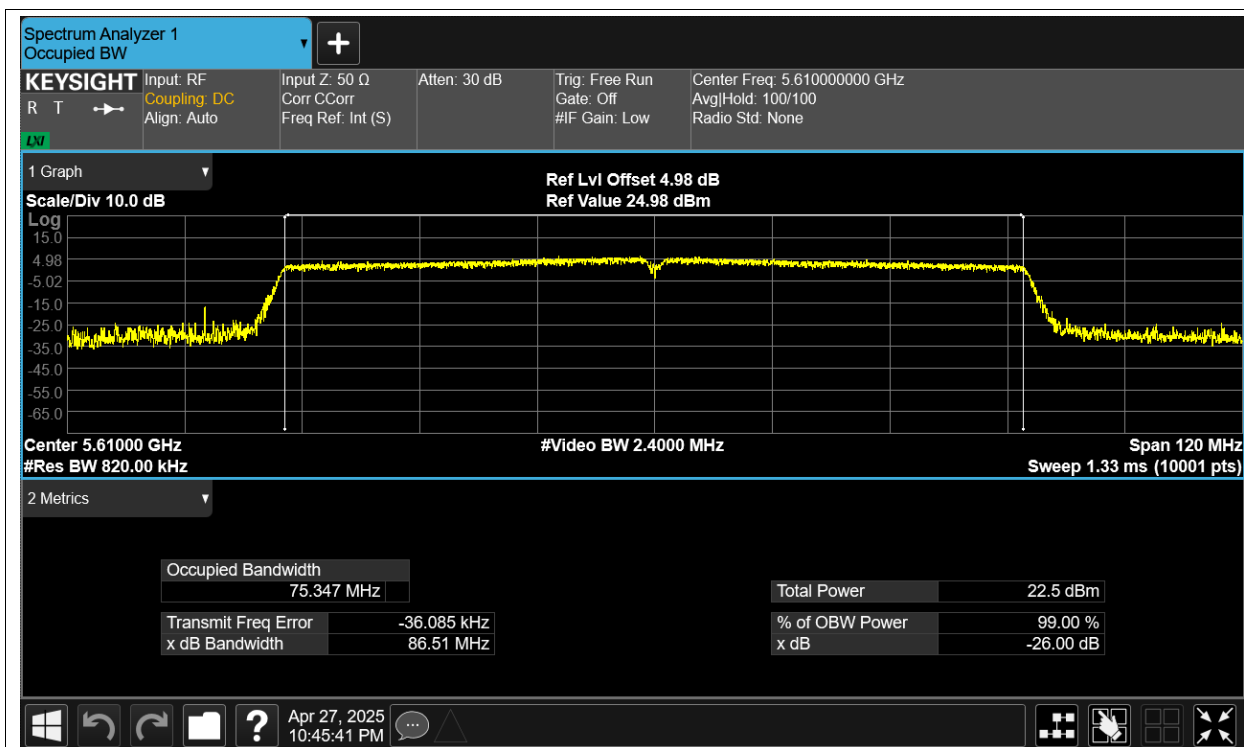
OBW NVNT ac40 5670MHz Ant14



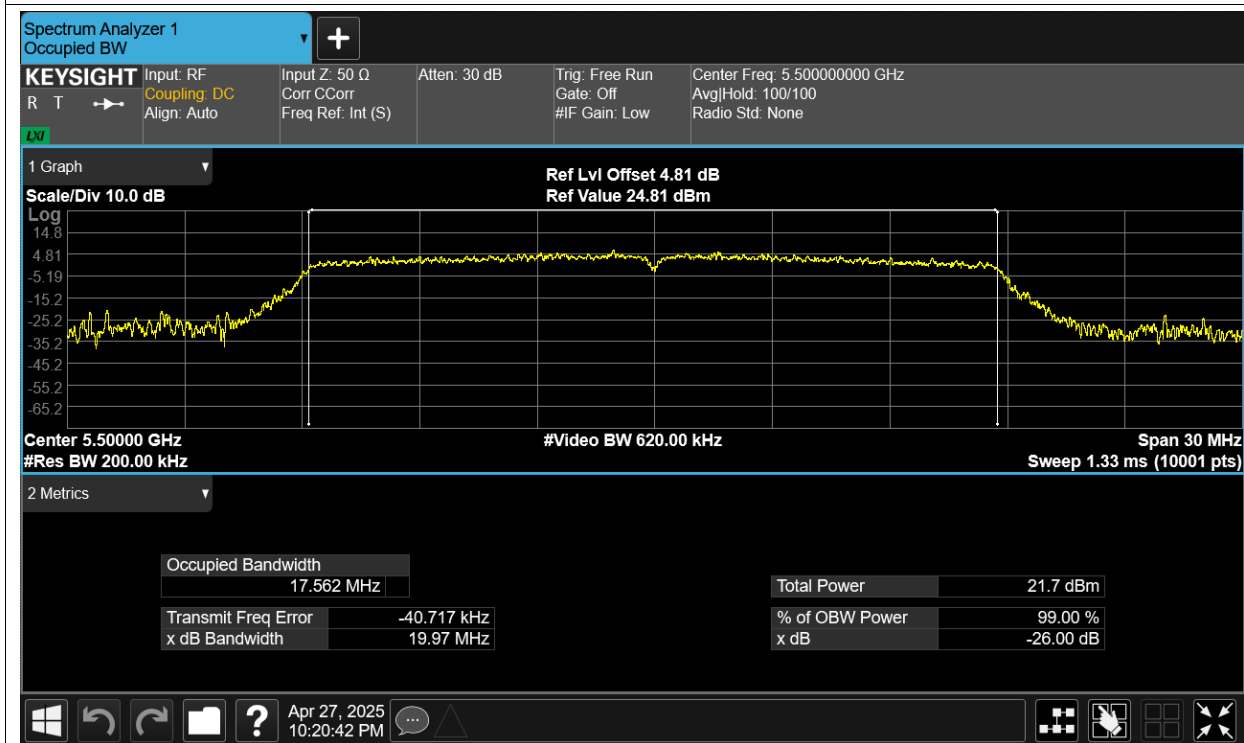
OBW NVNT ac80 5530MHz Ant14



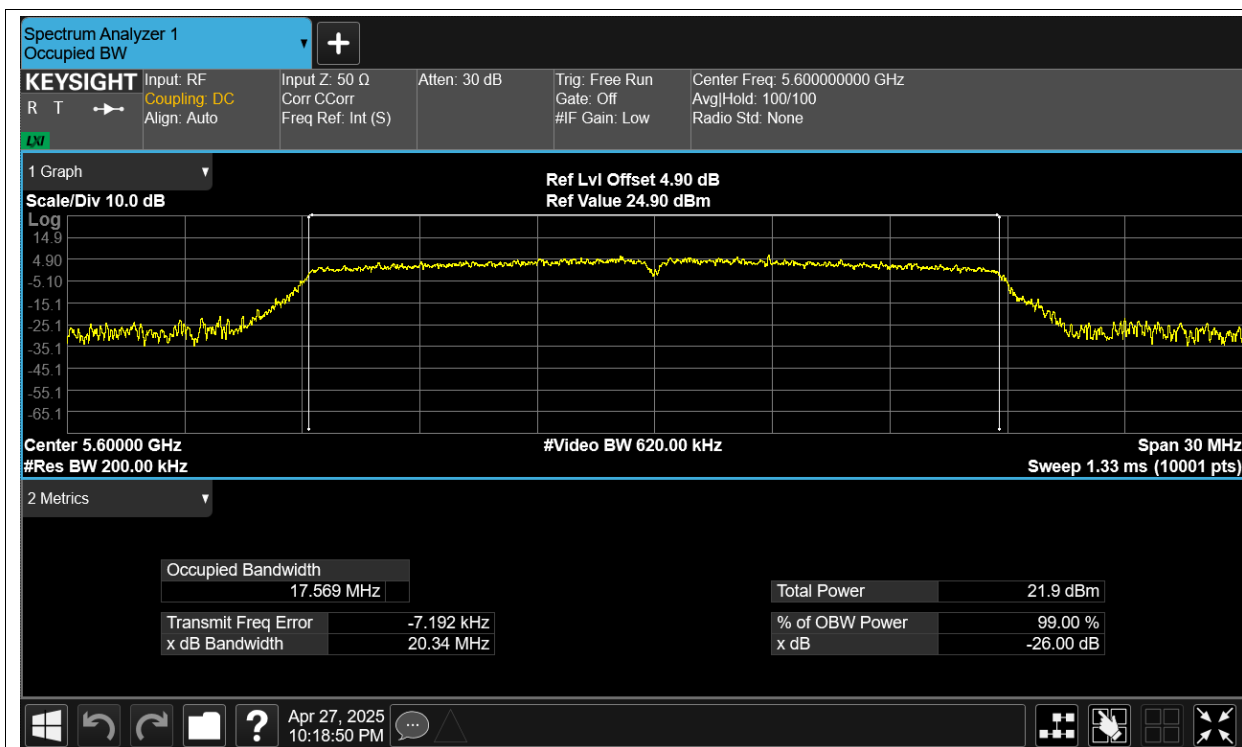
OBW NVNT ac80 5610MHz Ant14



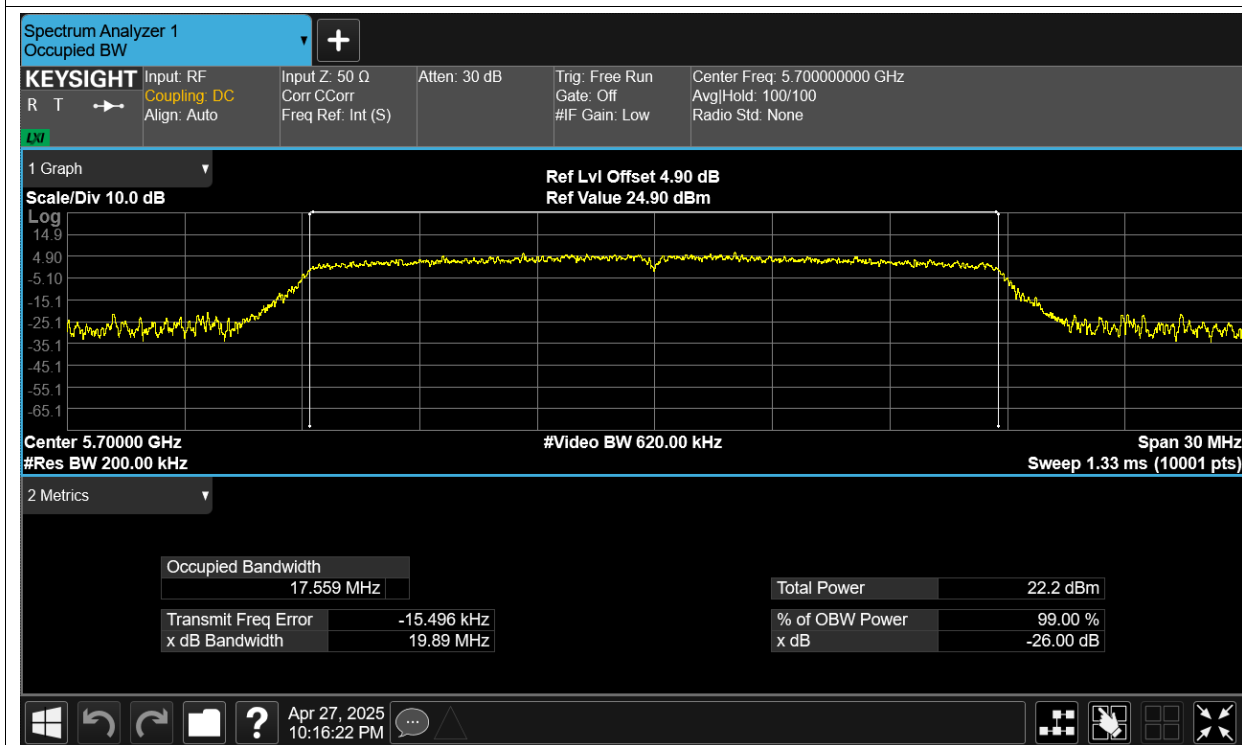
OBW NVNT n20 5500MHz Ant14



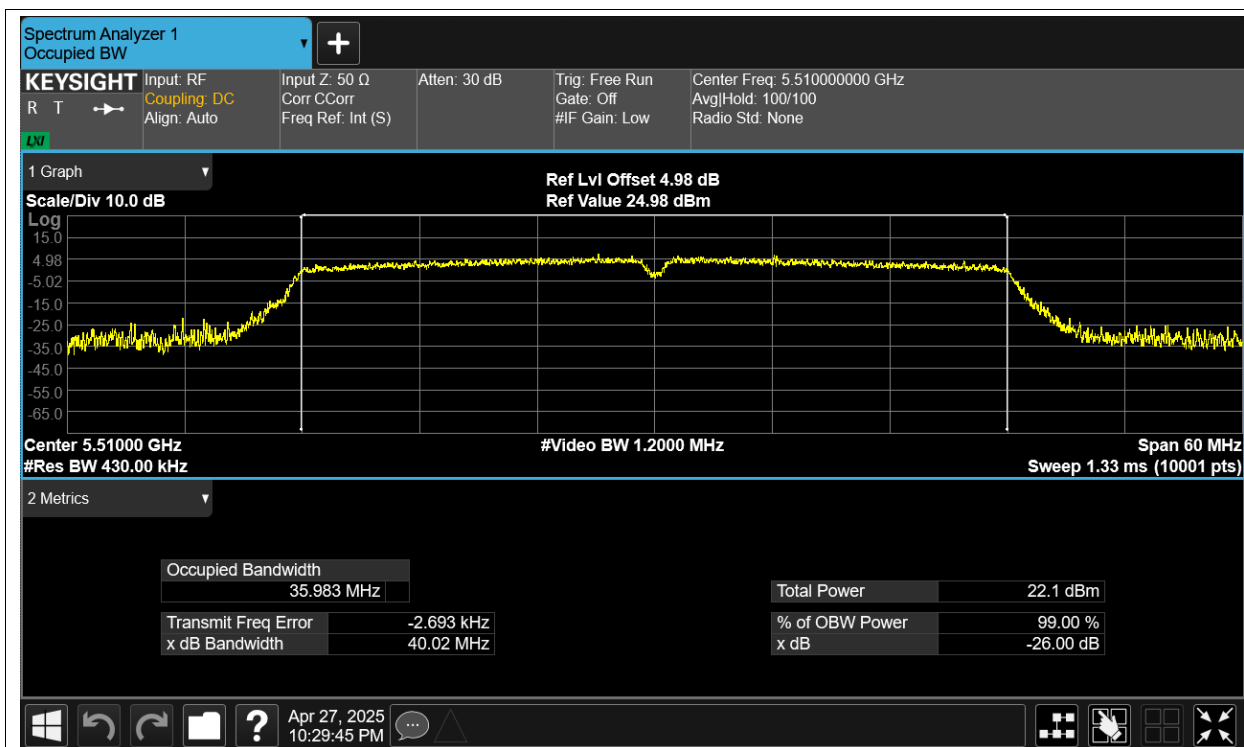
OBW NVNT n20 5600MHz Ant14



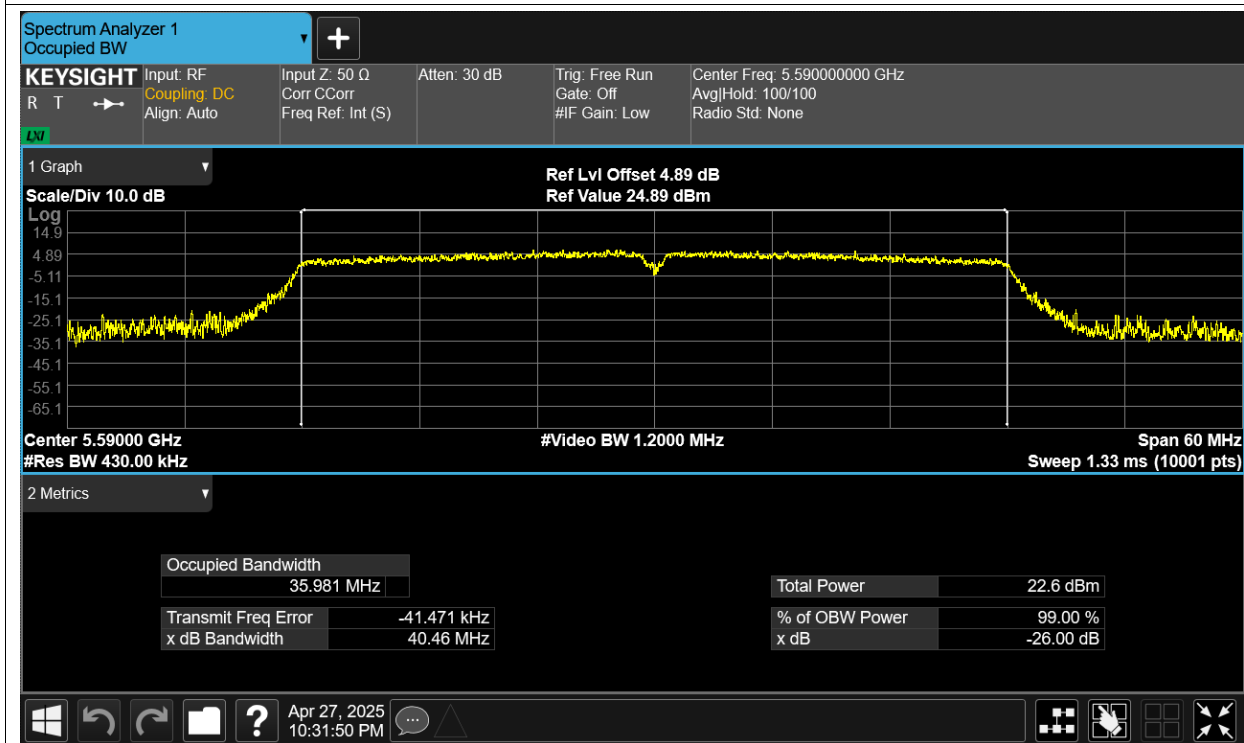
OBW NVNT n20 5700MHz Ant14



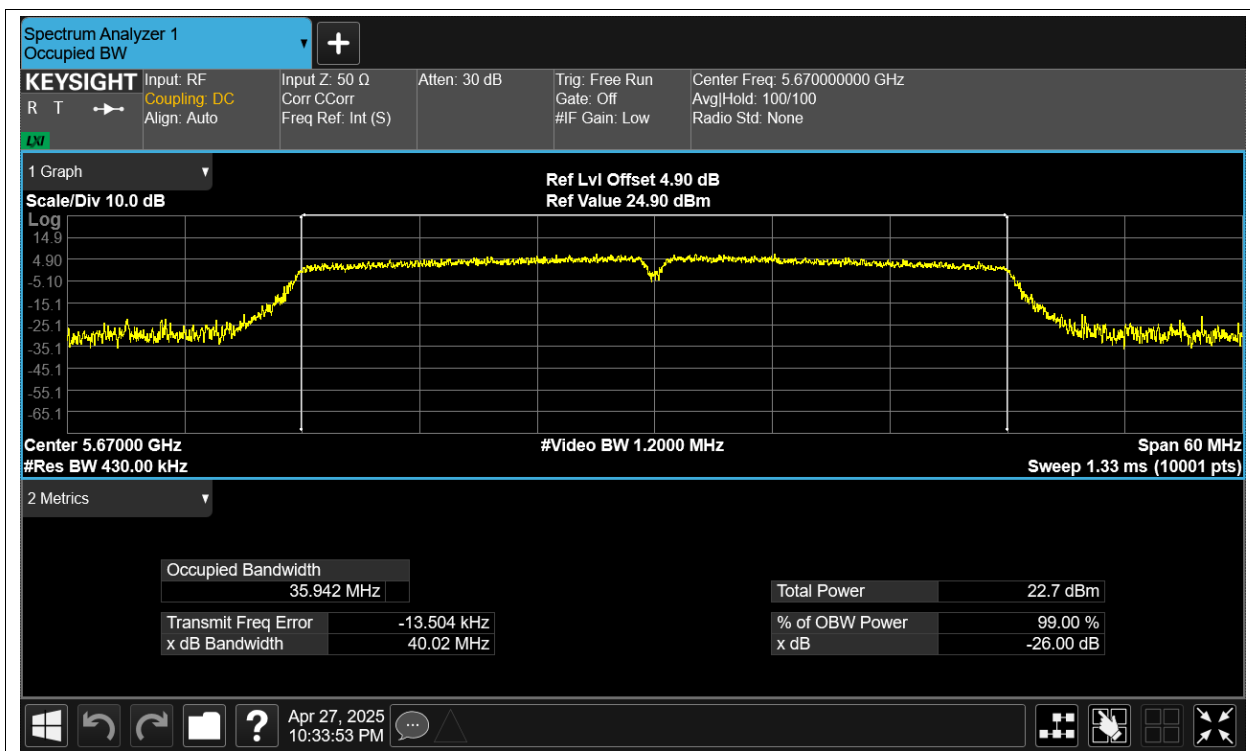
OBW NVNT n40 5510MHz Ant14



OBW NVNT n40 5590MHz Ant14



OBW NVNT n40 5670MHz Ant14

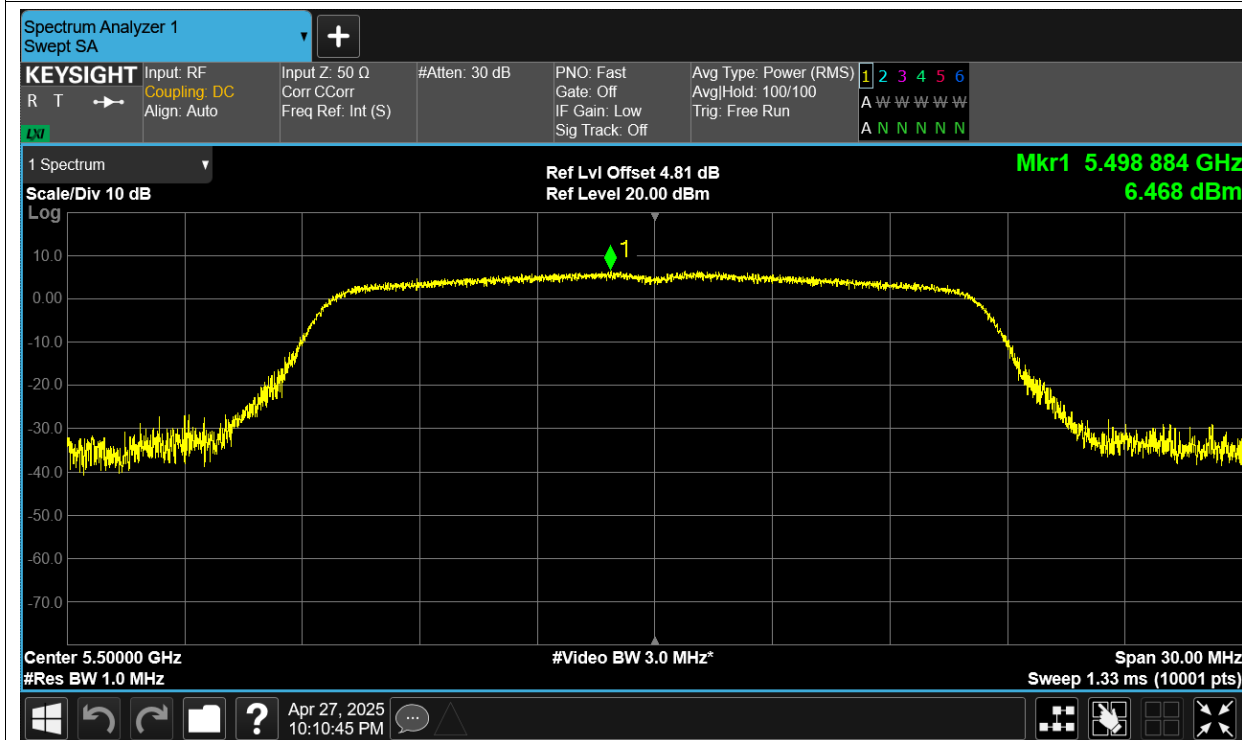


Maximum Power Spectral Density Level

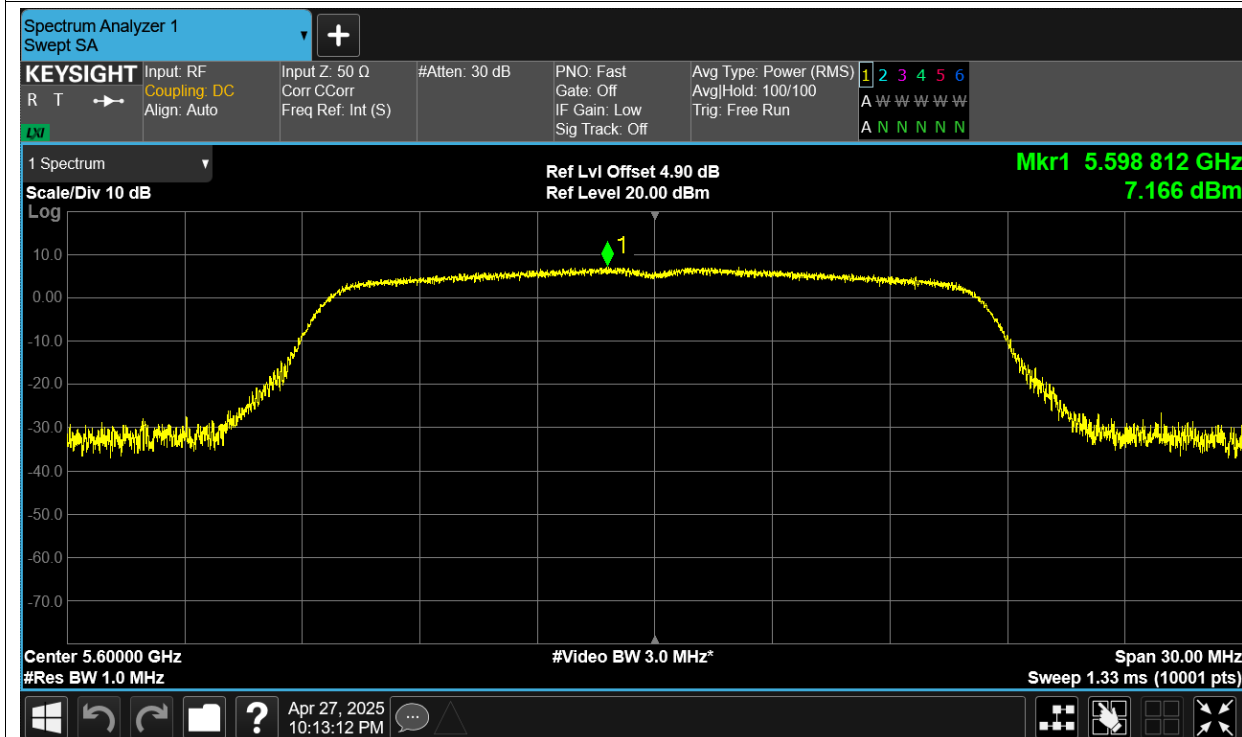
Condition	Mode	Frequency (MHz)	Antenna	Max PSD (dBm)	Limit (dBm)	Verdict
NVNT	a	5500	Ant14	6.468	11	Pass
NVNT	a	5600	Ant14	7.166	11	Pass
NVNT	a	5700	Ant14	7.768	11	Pass
NVNT	ac20	5500	Ant14	6.039	11	Pass
NVNT	ac20	5600	Ant14	6.45	11	Pass
NVNT	ac20	5700	Ant14	6.818	11	Pass
NVNT	ac40	5510	Ant14	4.042	11	Pass
NVNT	ac40	5590	Ant14	4.092	11	Pass
NVNT	ac40	5670	Ant14	3.838	11	Pass
NVNT	ac80	5530	Ant14	-0.273	11	Pass
NVNT	ac80	5610	Ant14	0.305	11	Pass
NVNT	n20	5500	Ant14	6.496	11	Pass
NVNT	n20	5600	Ant14	6.59	11	Pass
NVNT	n20	5700	Ant14	6.842	11	Pass
NVNT	n40	5510	Ant14	3.742	11	Pass
NVNT	n40	5590	Ant14	4.19	11	Pass
NVNT	n40	5670	Ant14	4.302	11	Pass

Test Graphs

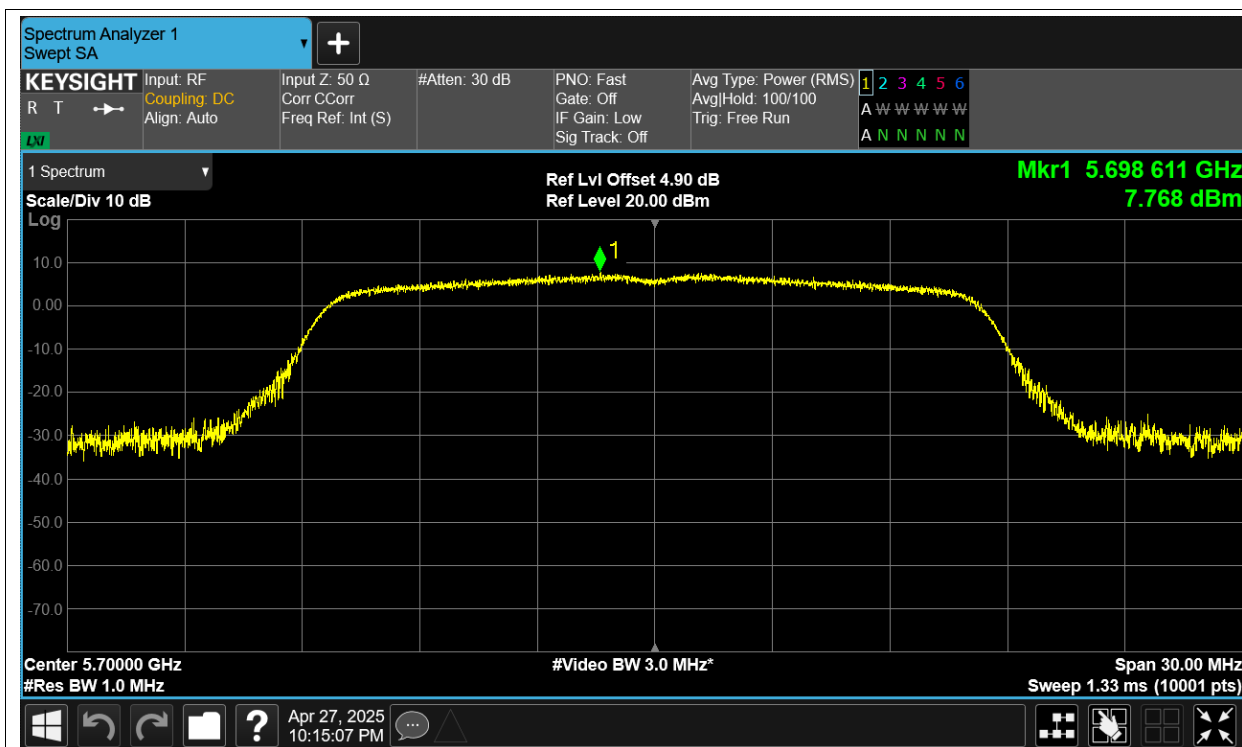
PSD NVNT a 5500MHz Ant14



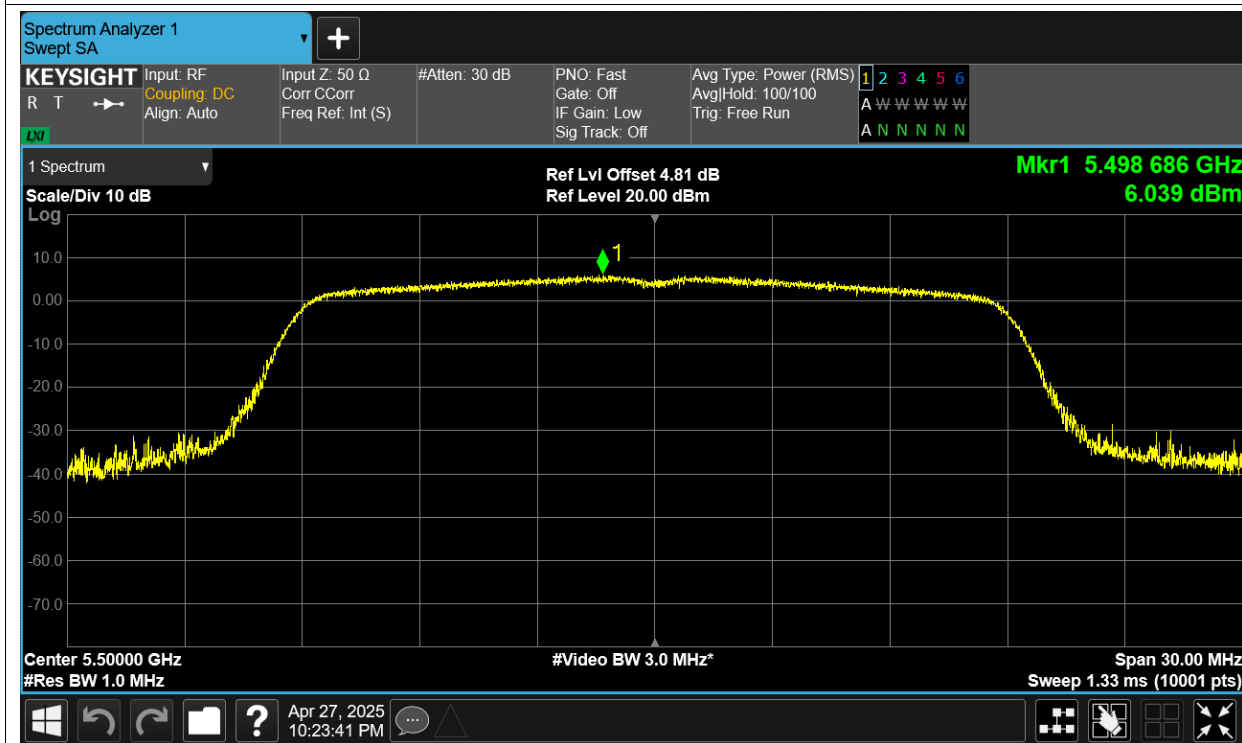
PSD NVNT a 5600MHz Ant14



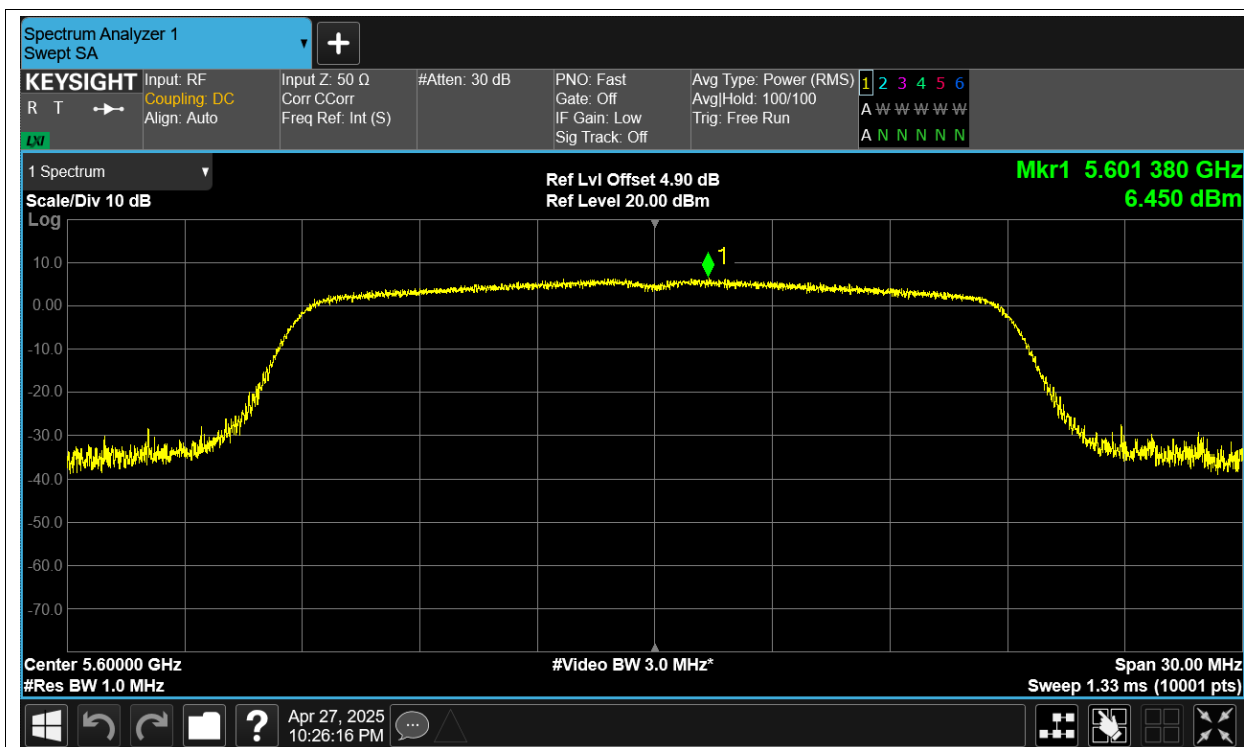
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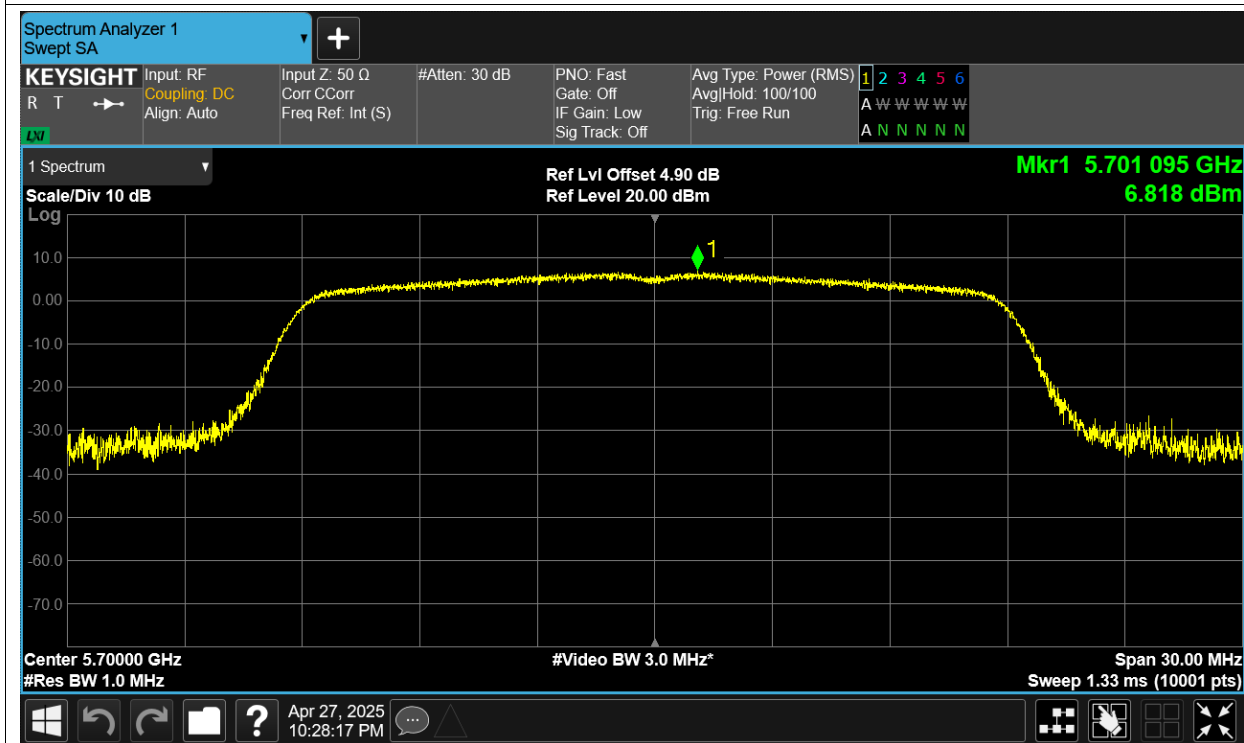
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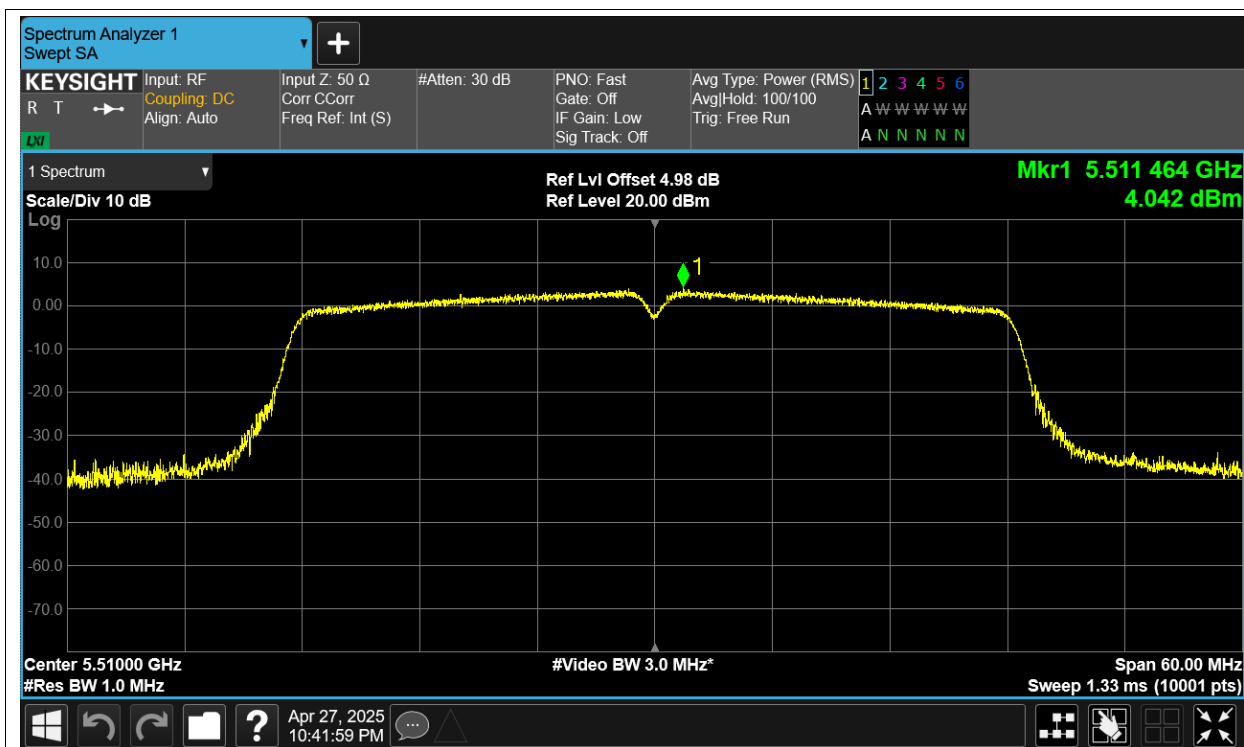
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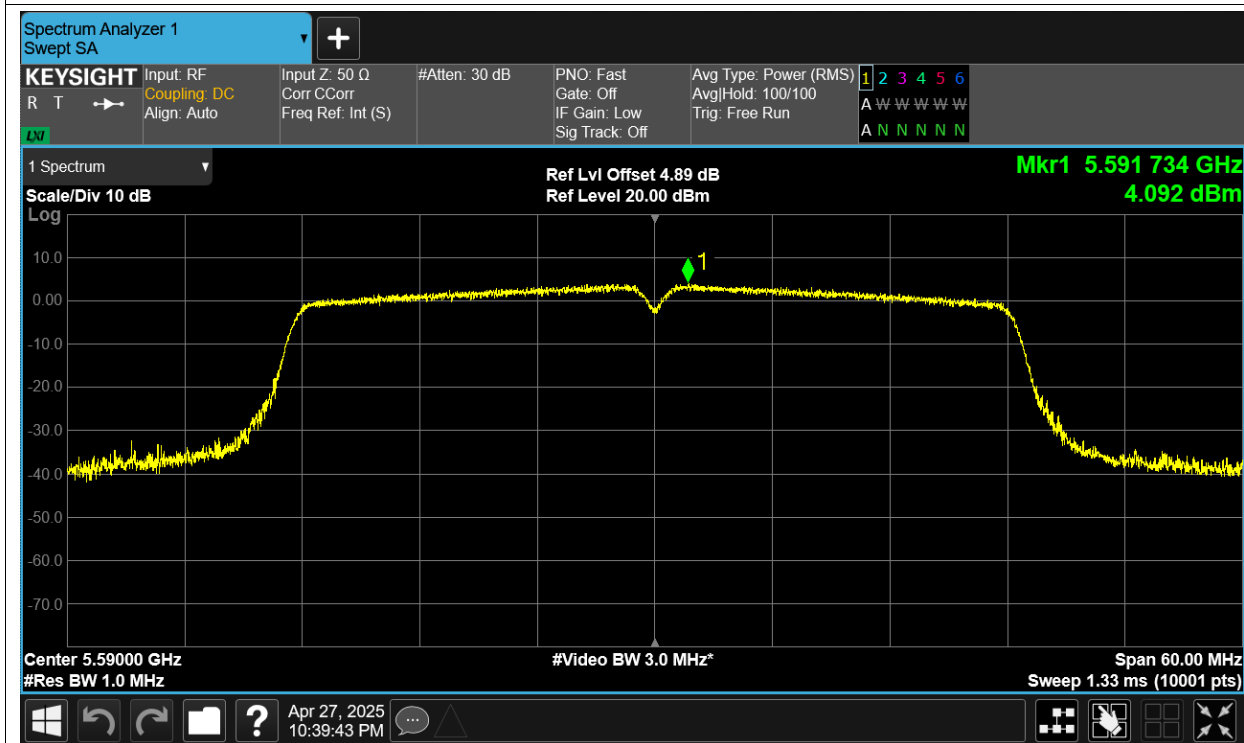
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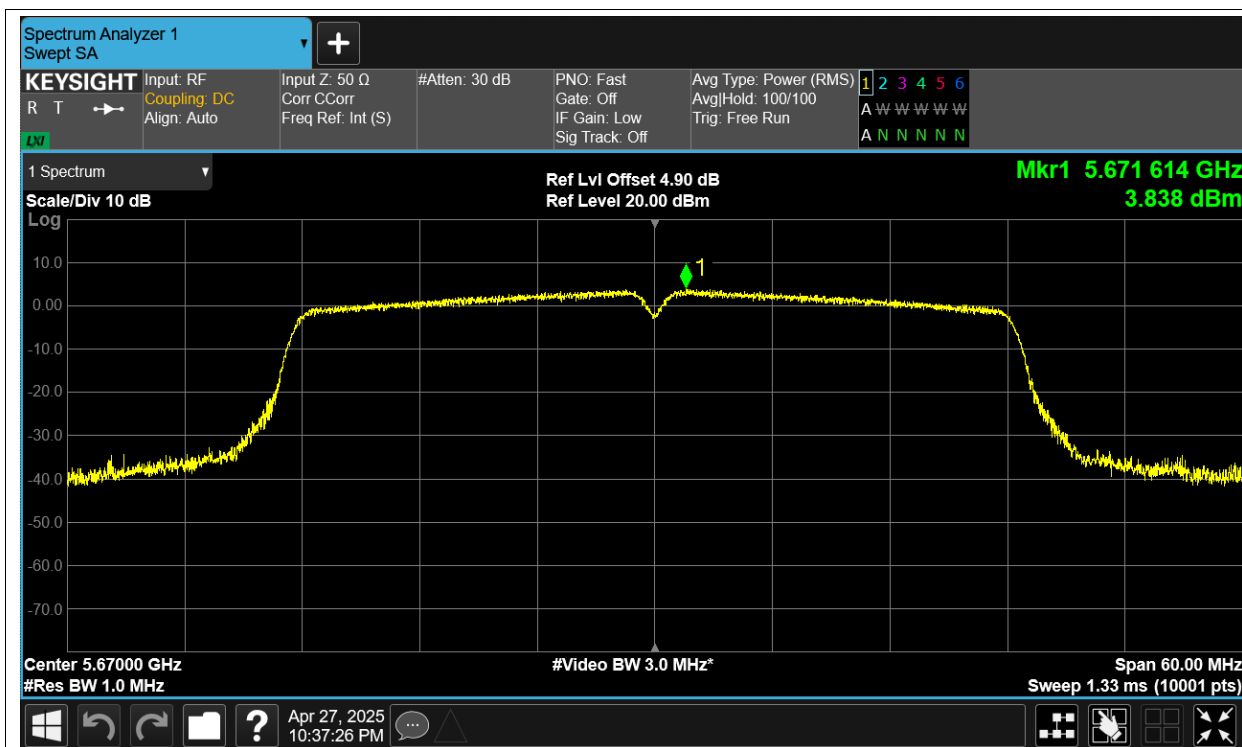
PSD NVNT ac40 5510MHz Ant14



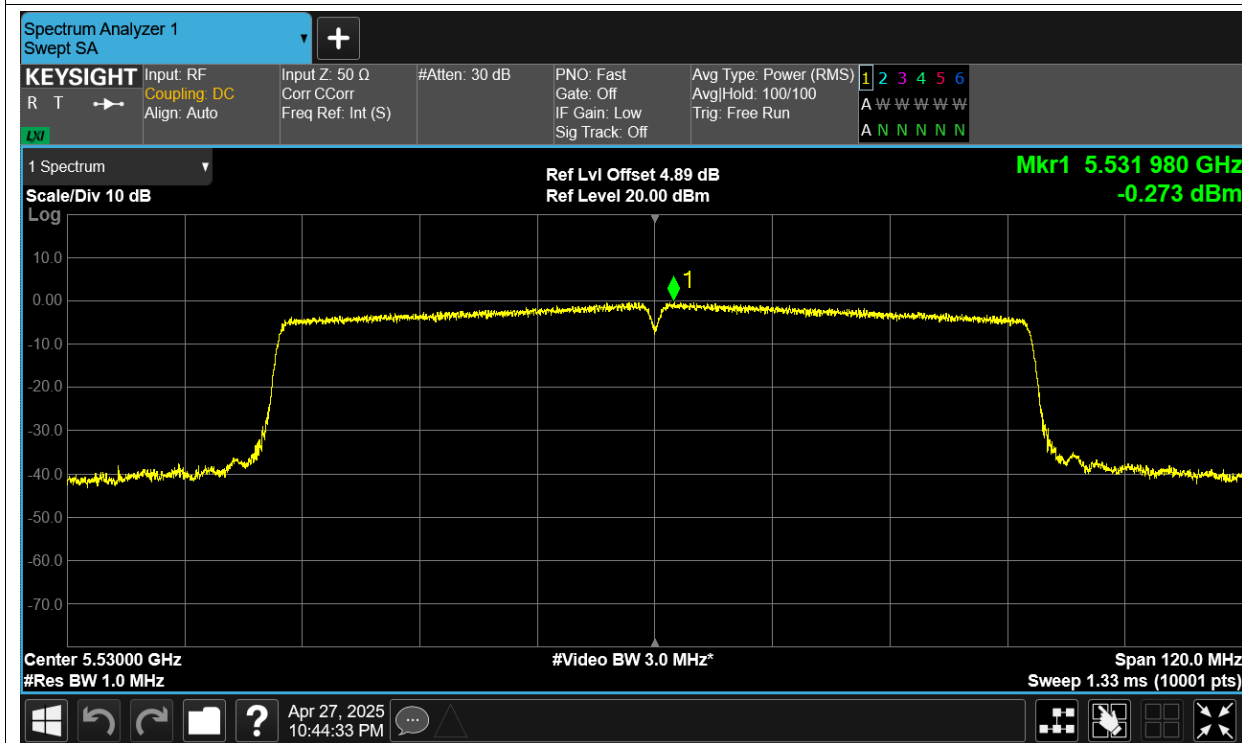
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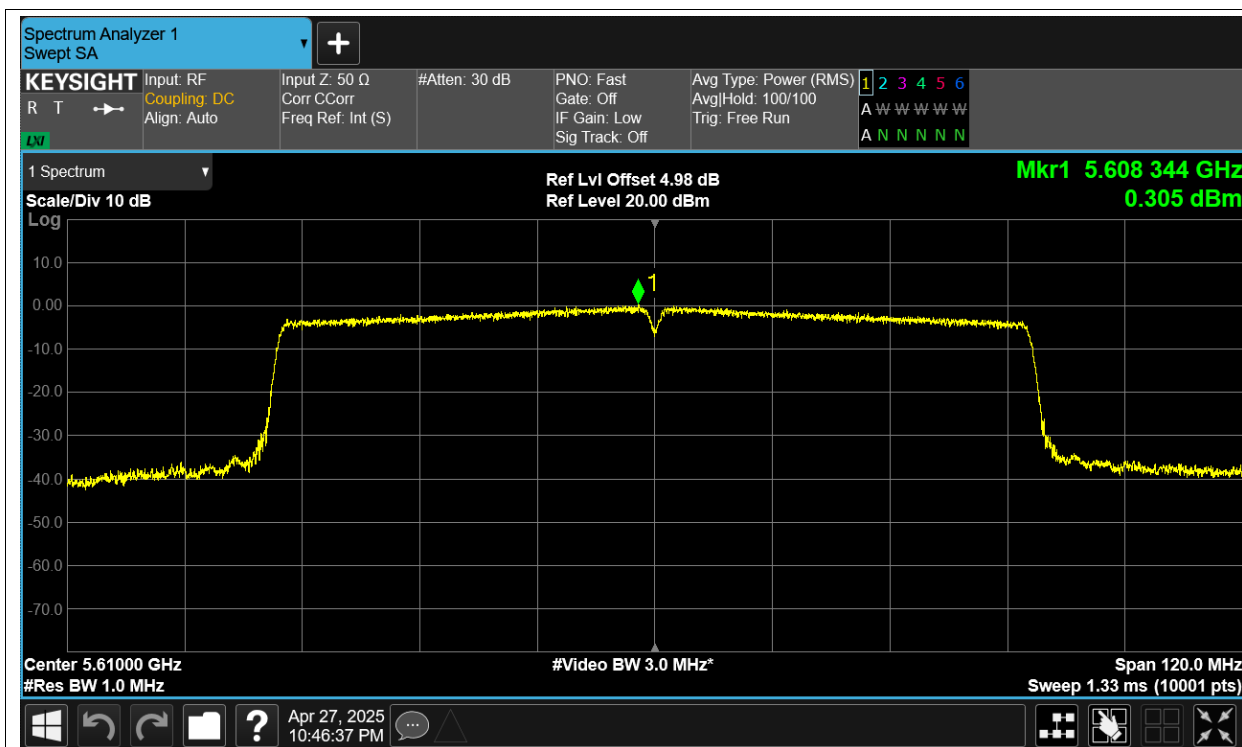
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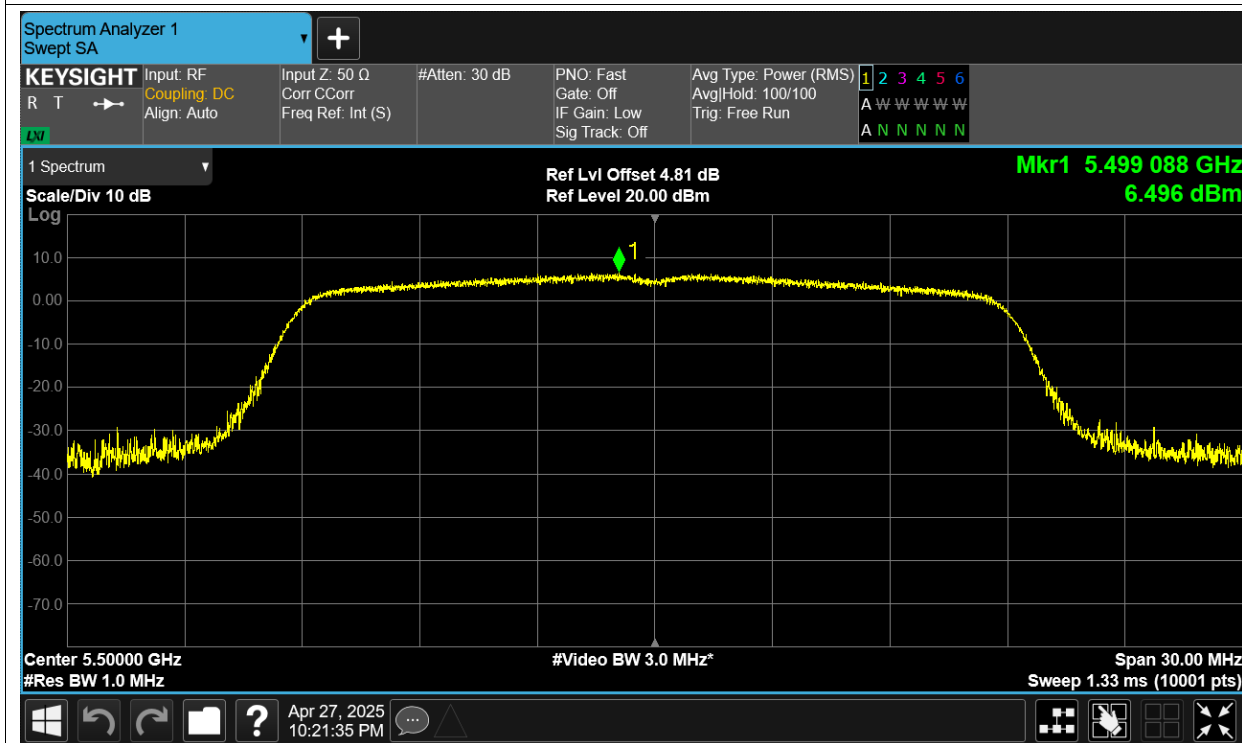
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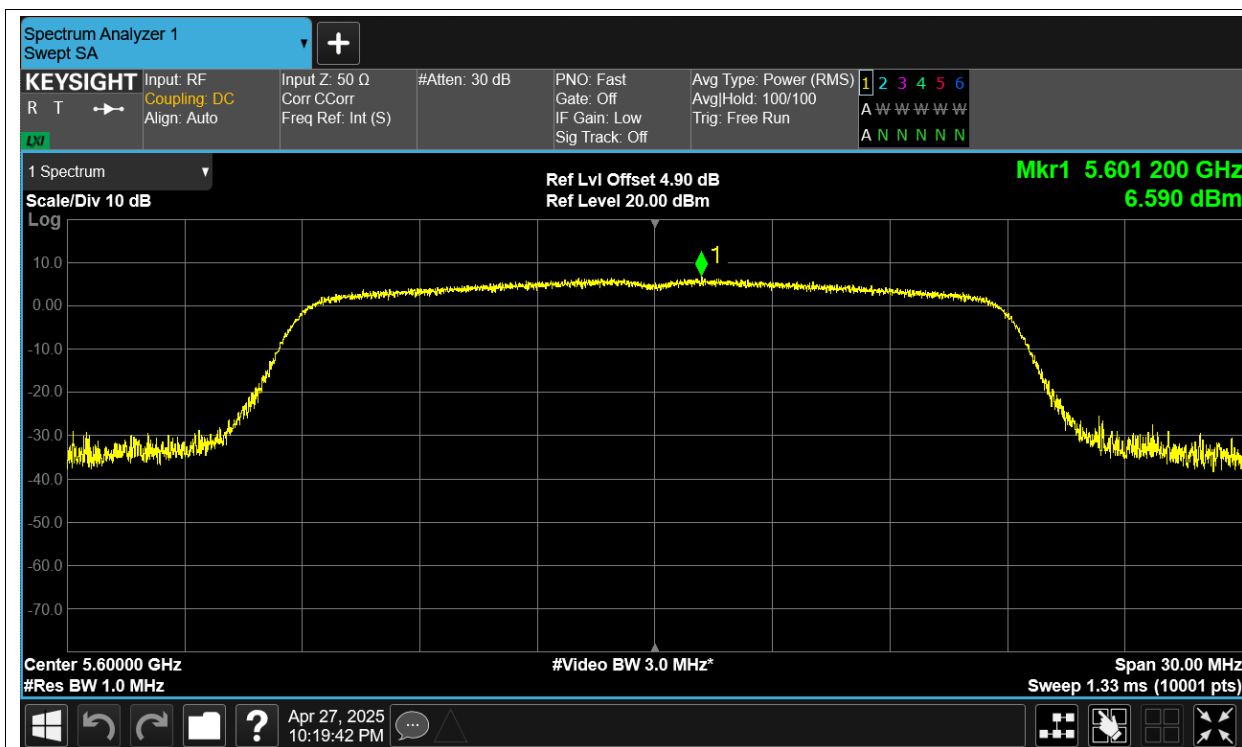
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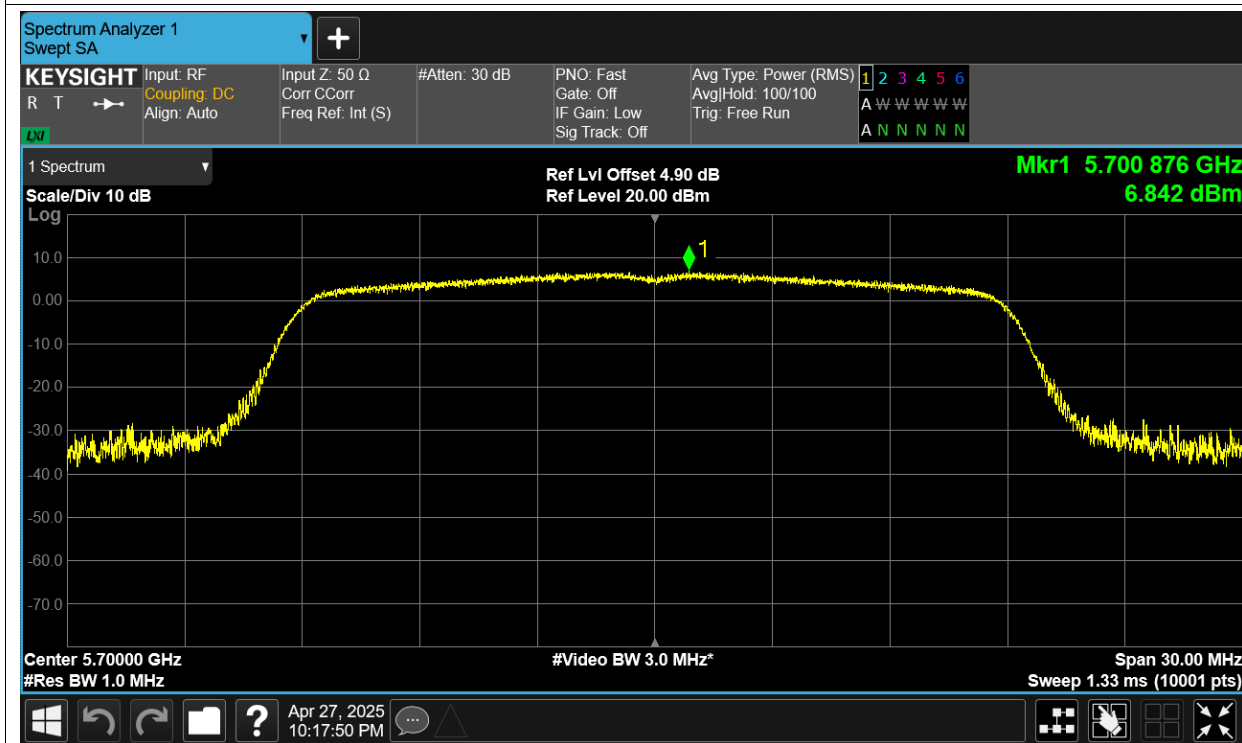
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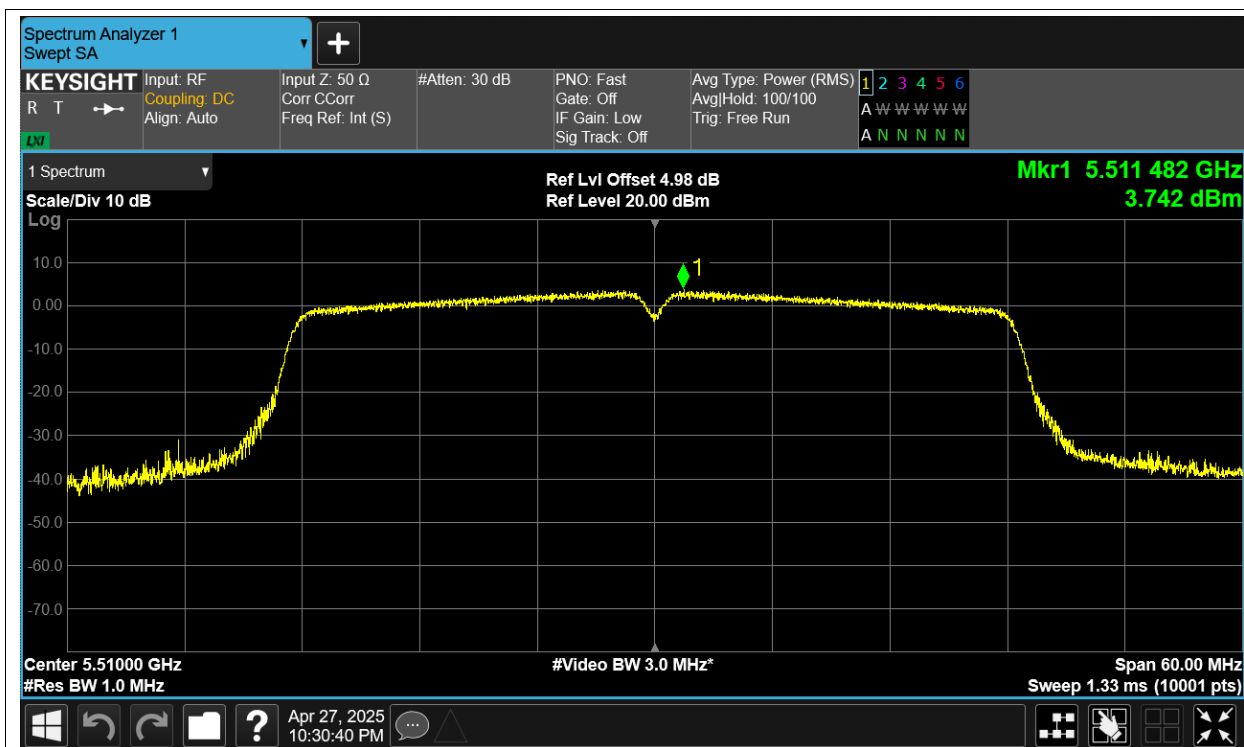
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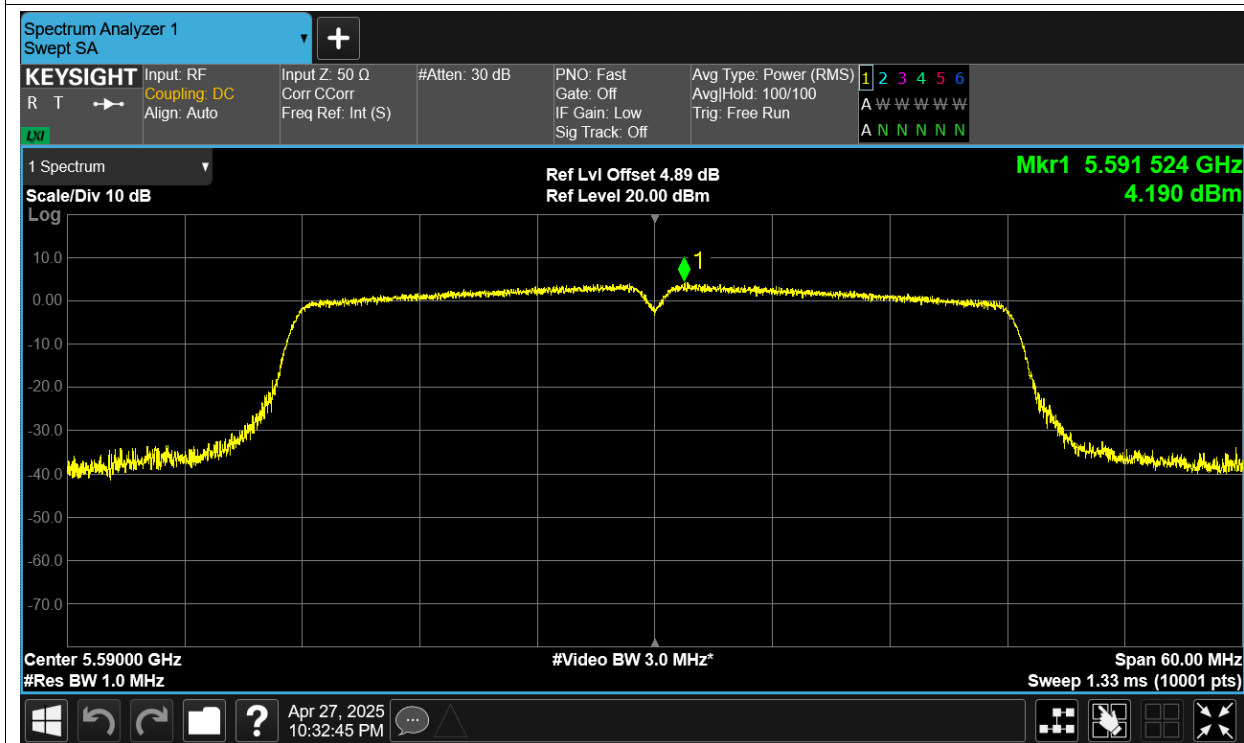
PSD NVNT n20 5700MHz Ant14



PSD NVNT n40 5510MHz Ant14



PSD NVNT n40 5590MHz Ant14



PSD NVNT n40 5670MHz Ant14

