

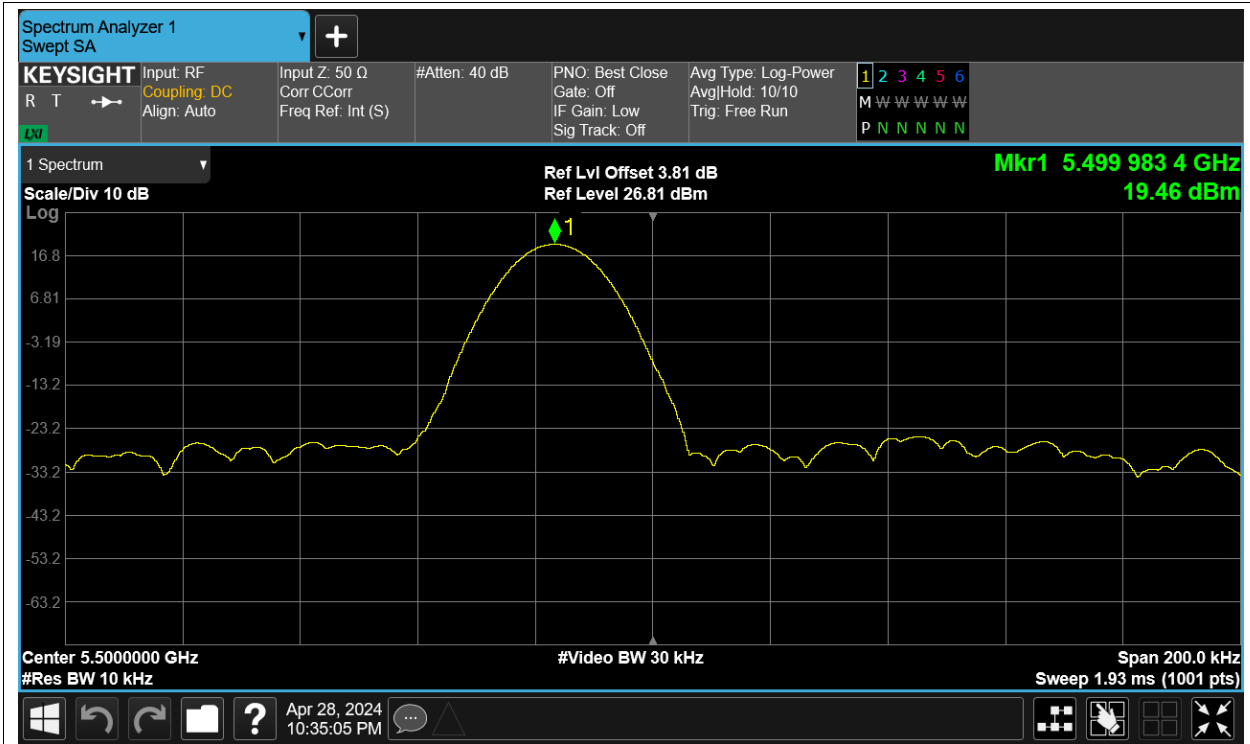
Test Data

Frequency Stability

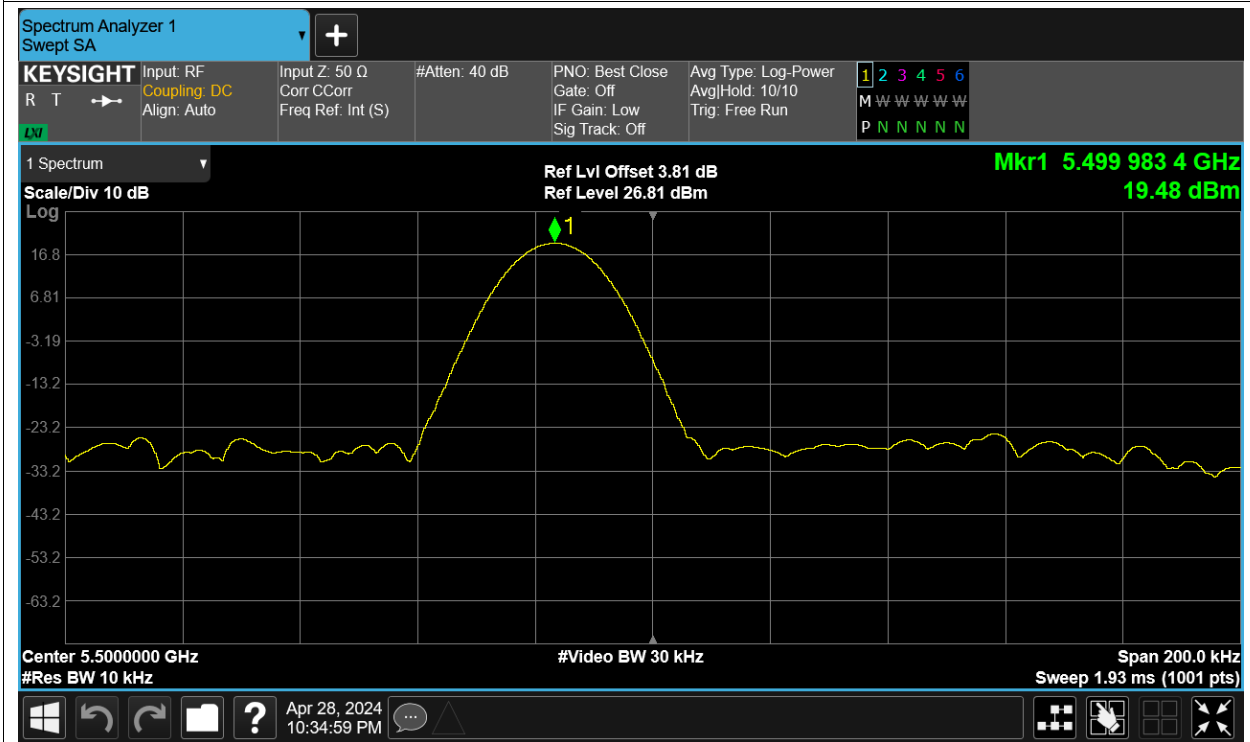
Condition	Mode	Frequency (MHz)	Antenna	Measured Frequency (MHz)	Deviation (ppm)	Limit (ppm)	Verdict
HVNT	a	5500	Ant14	5499.9834	-3.02	Within authorized band	Pass
LVNT	a	5500	Ant14	5499.9834	-3.02		Pass
NVHT	a	5500	Ant14	5499.9834	-3.02		Pass
NVLT	a	5500	Ant14	5499.9834	-3.02		Pass
NVNT	a	5500	Ant14	5499.9834	-3.02		Pass
HVNT	ac80	5530	Ant14	5529.9836	-2.97		Pass
LVNT	ac80	5530	Ant14	5529.9836	-2.97		Pass
NVHT	ac80	5530	Ant14	5529.9836	-2.97		Pass
NVLT	ac80	5530	Ant14	5529.9836	-2.97		Pass
NVNT	ac80	5530	Ant14	5529.9838	-2.93		Pass
HVNT	n40	5510	Ant14	5509.9836	-2.98		Pass
LVNT	n40	5510	Ant14	5509.9836	-2.98		Pass
NVHT	n40	5510	Ant14	5509.9836	-2.98		Pass
NVLT	n40	5510	Ant14	5509.9836	-2.98		Pass
NVNT	n40	5510	Ant14	5509.9836	-2.98		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.

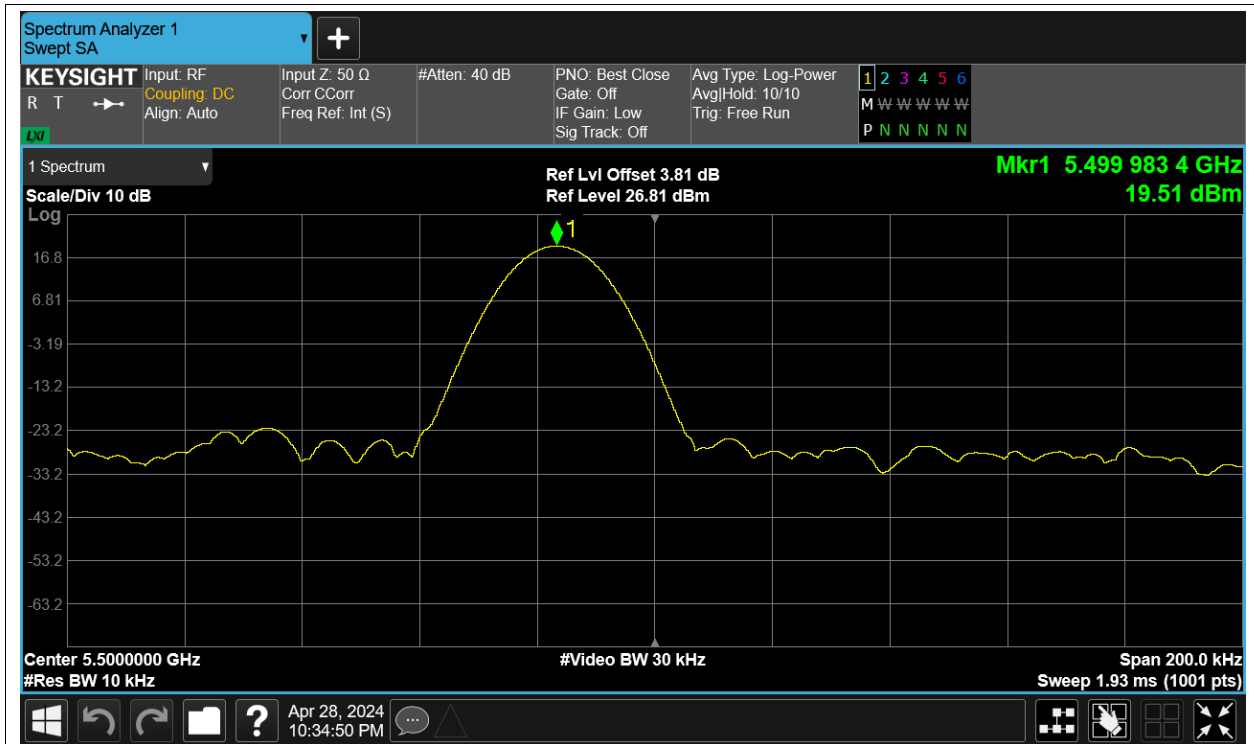




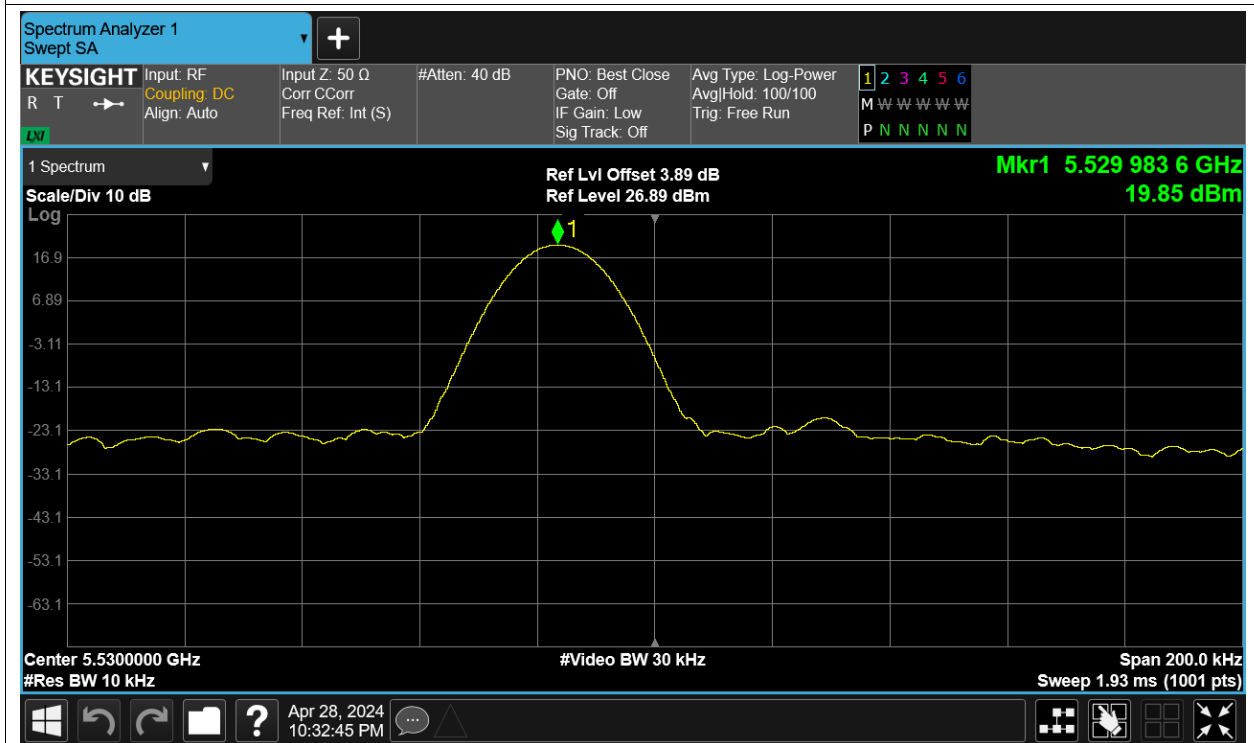
Freq. Stability NVLT a 5500MHz Ant14



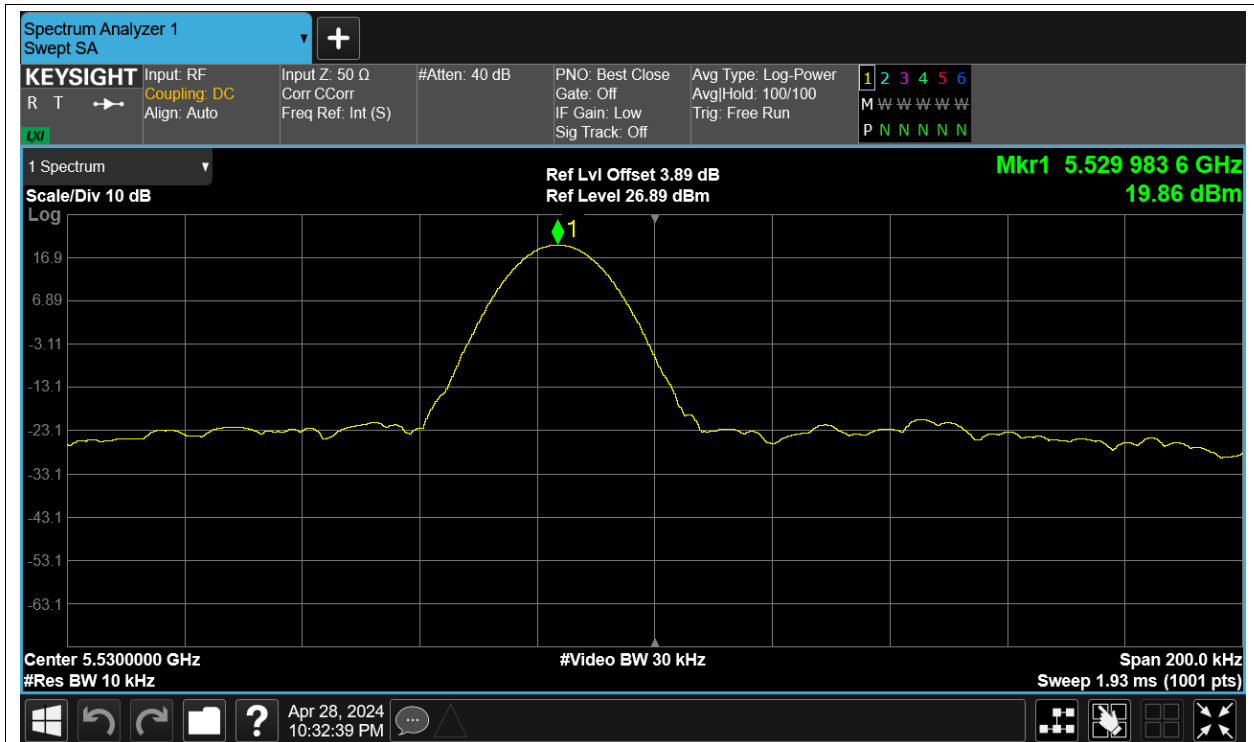
Freq. Stability NVNT a 5500MHz Ant14



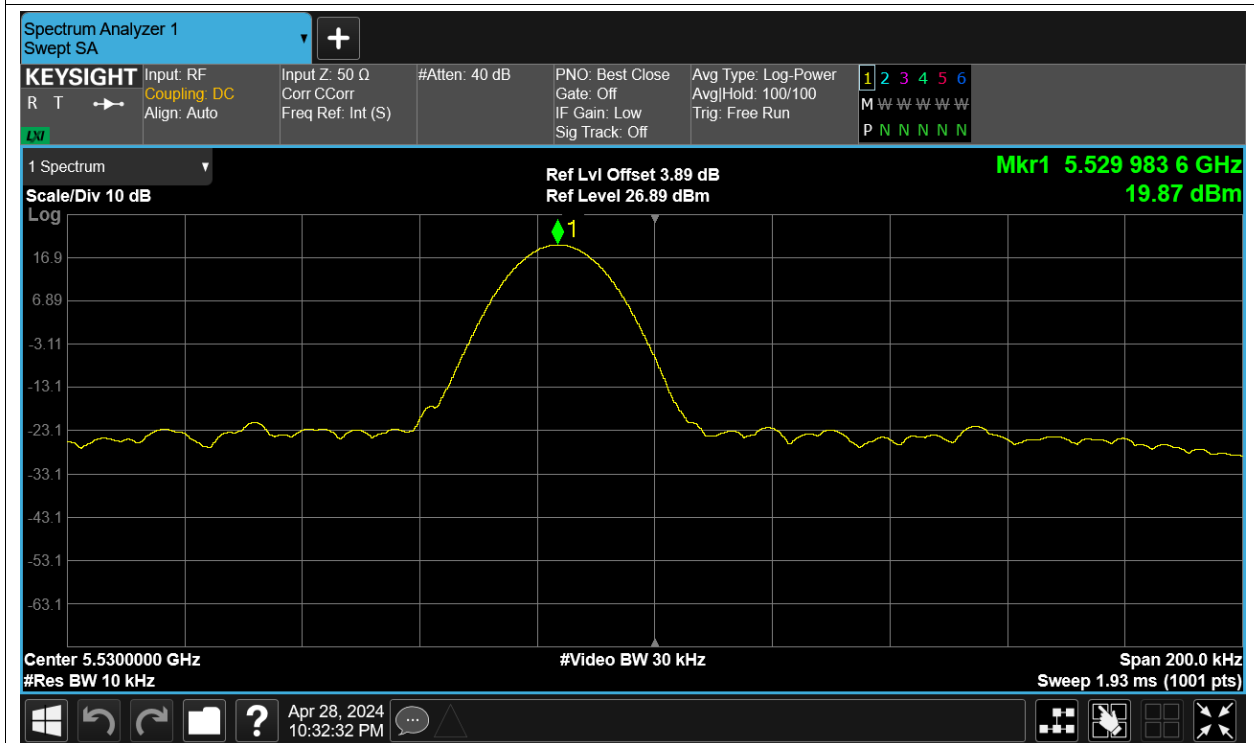
Freq. Stability HVNT ac80 5530MHz Ant14



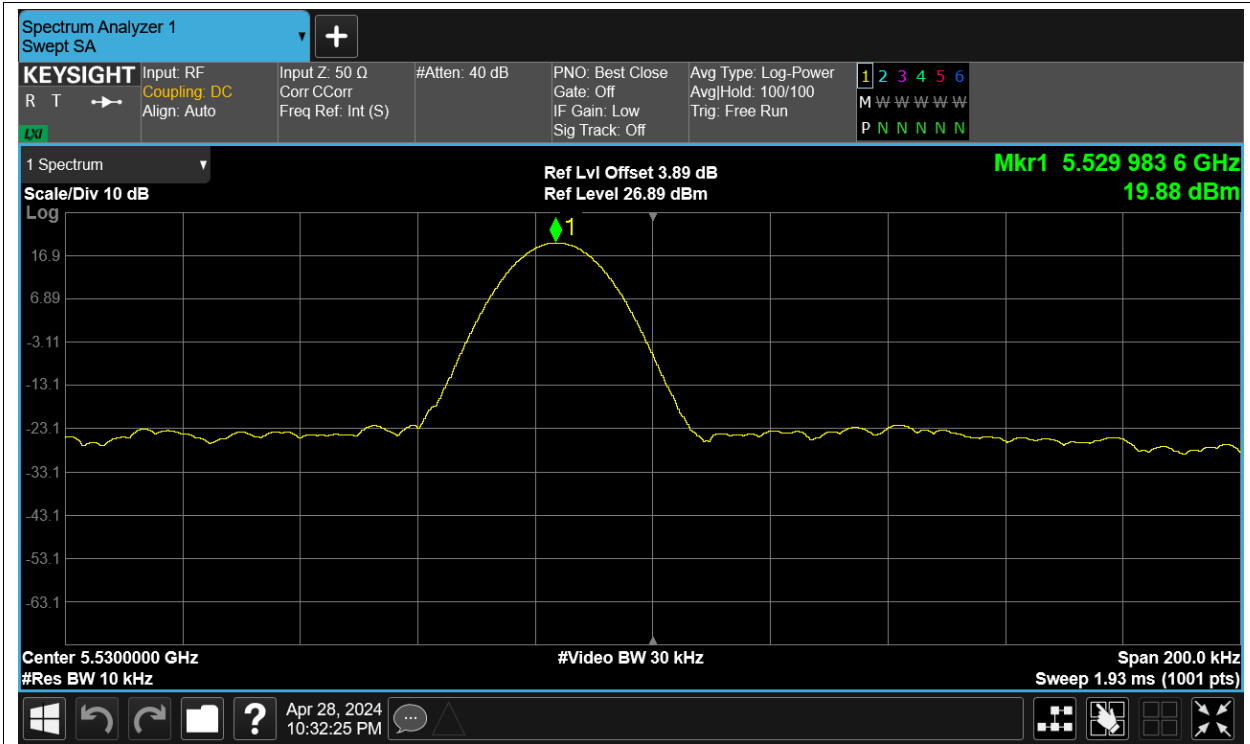
Freq. Stability LVNT ac80 5530MHz Ant14



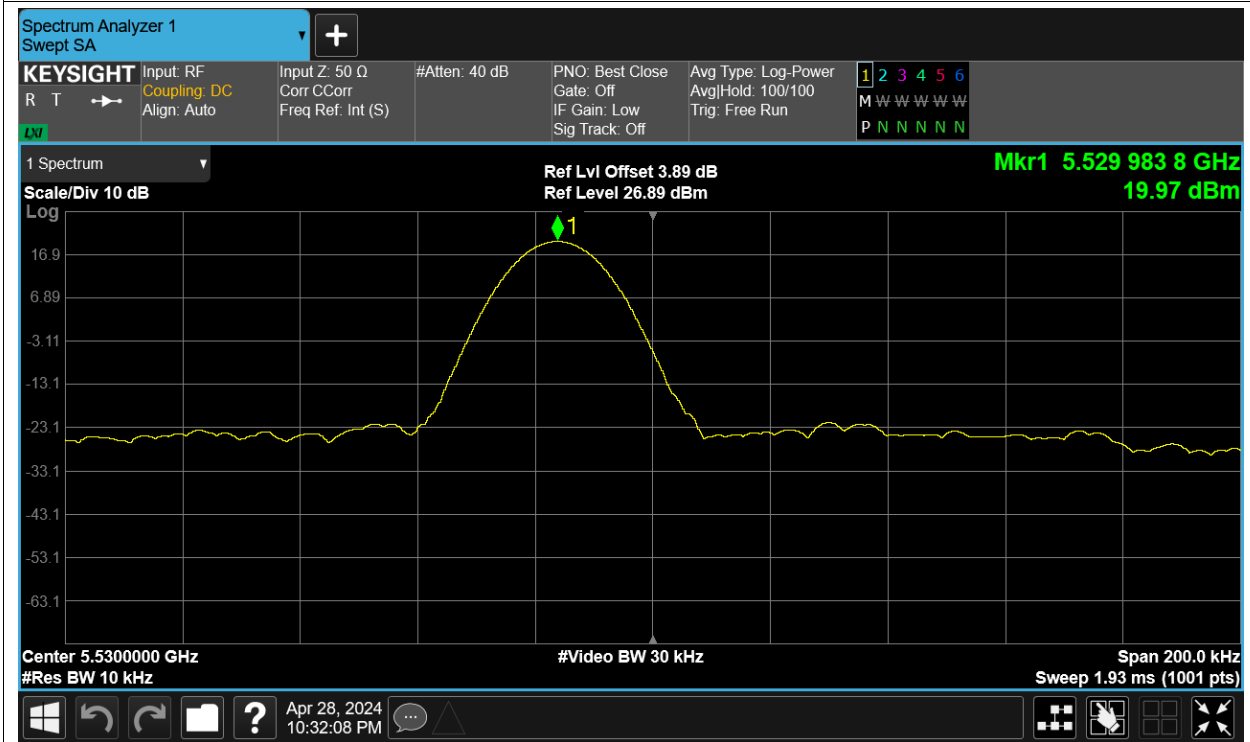
Freq. Stability NVHT ac80 5530MHz Ant14



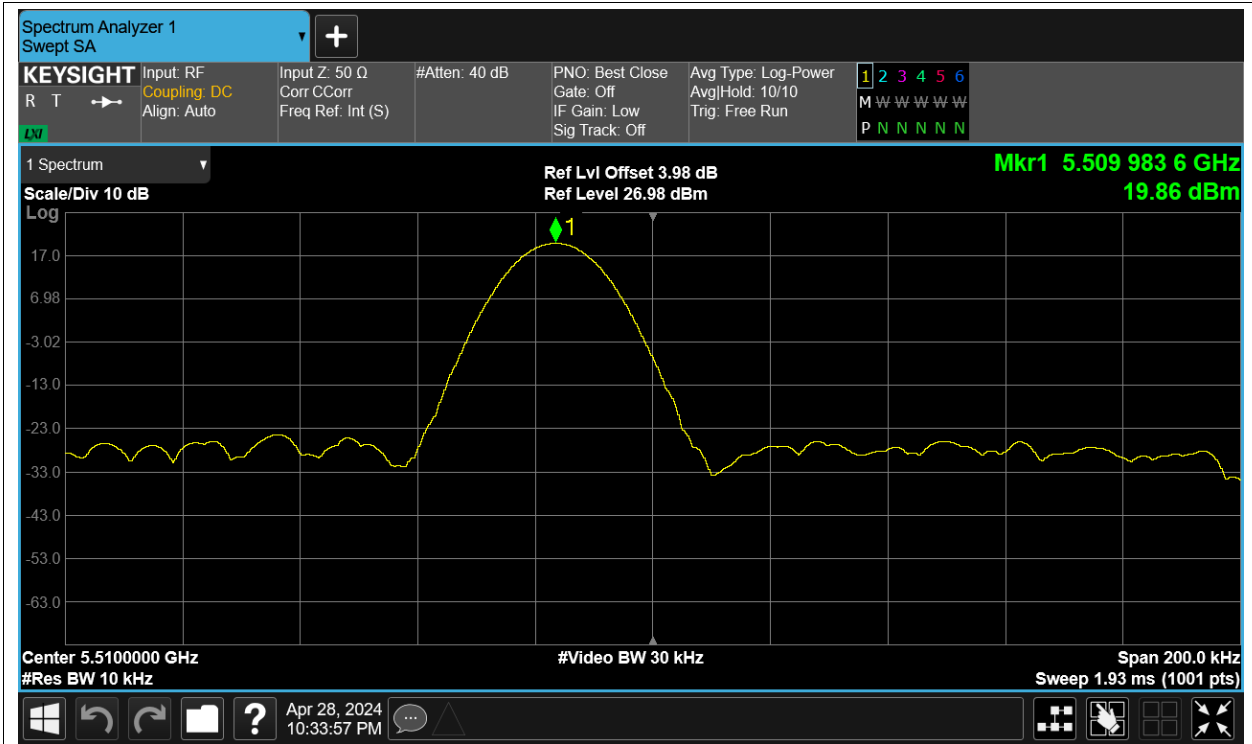
Freq. Stability NVLT ac80 5530MHz Ant14



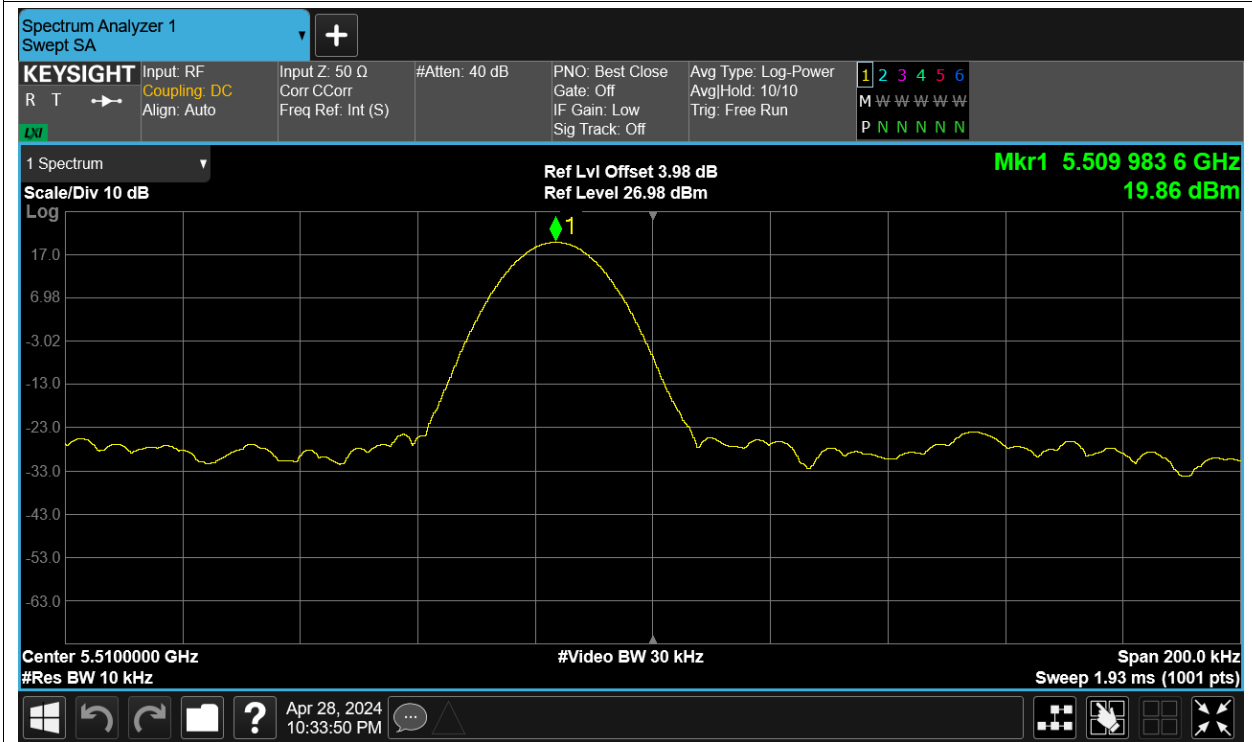
Freq. Stability NVNT ac80 5530MHz Ant14



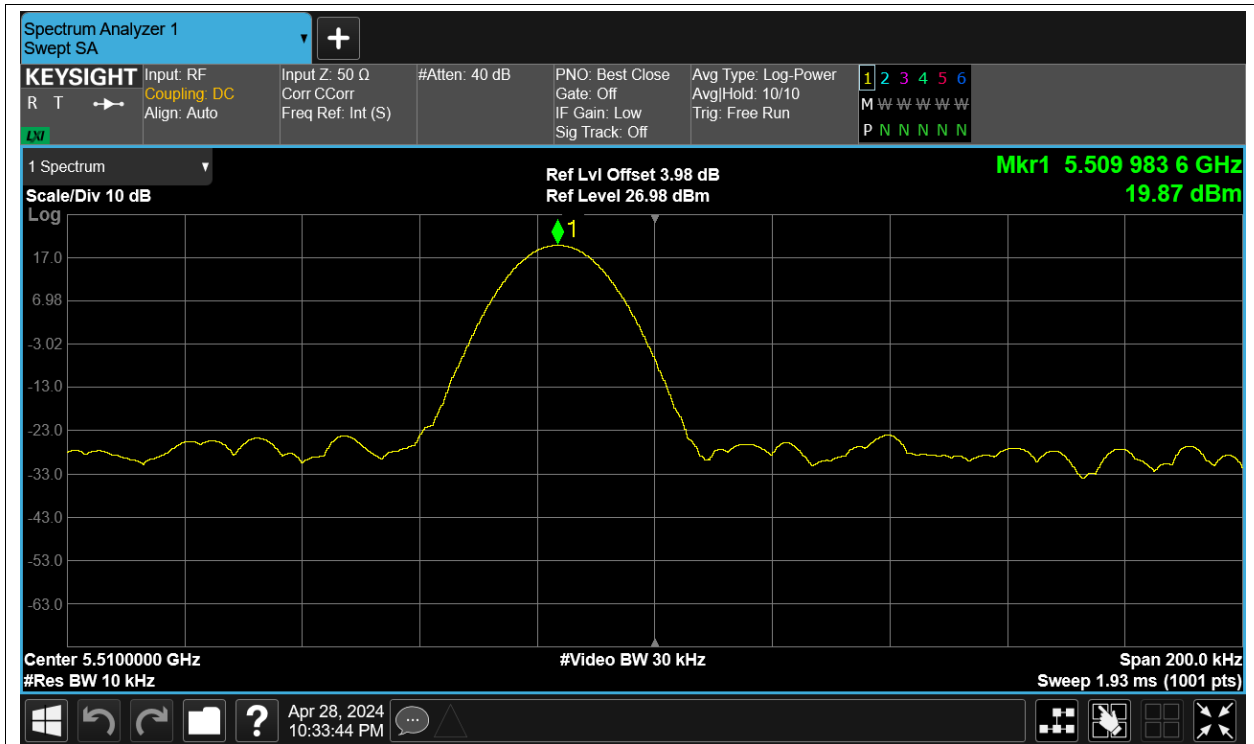
Freq. Stability HVNT n40 5510MHz Ant14



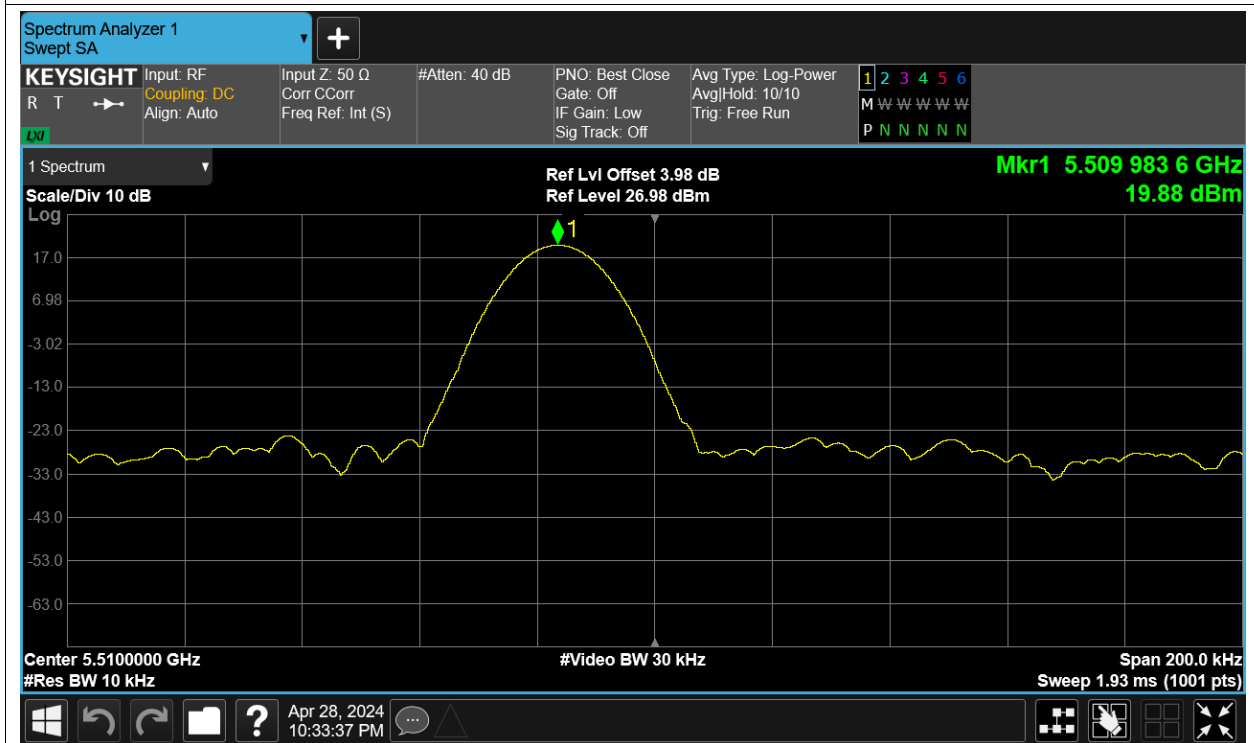
Freq. Stability LVNT n40 5510MHz Ant14



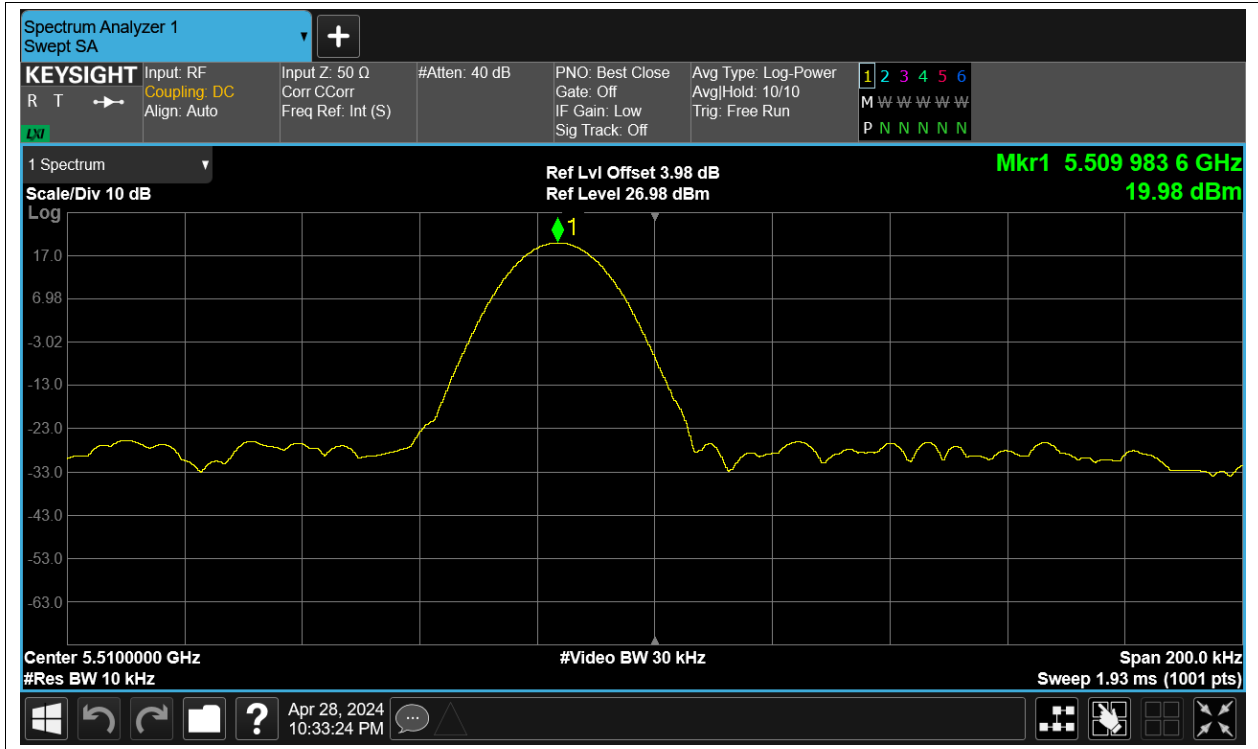
Freq. Stability NVHT n40 5510MHz Ant14



Freq. Stability NVLT n40 5510MHz Ant14

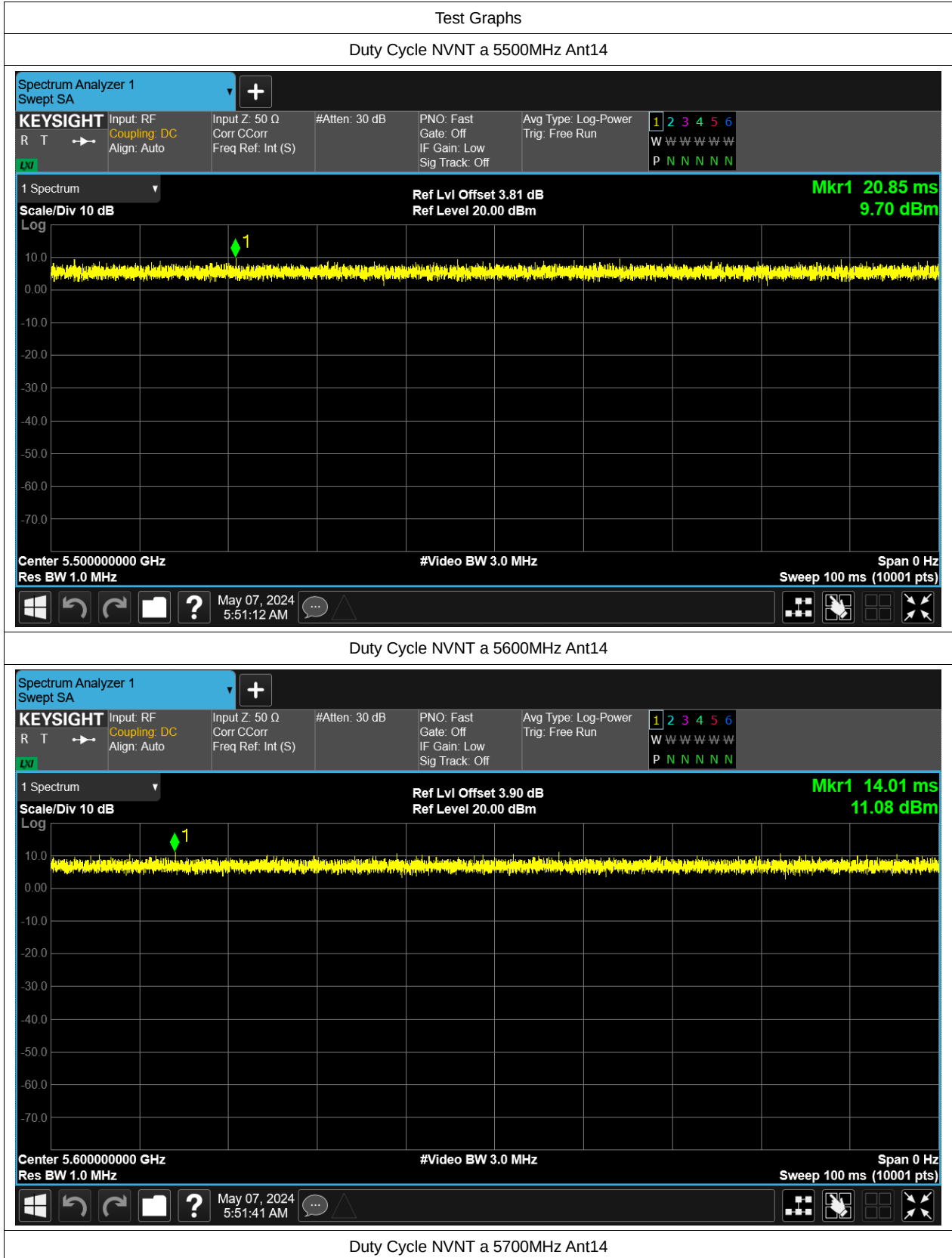


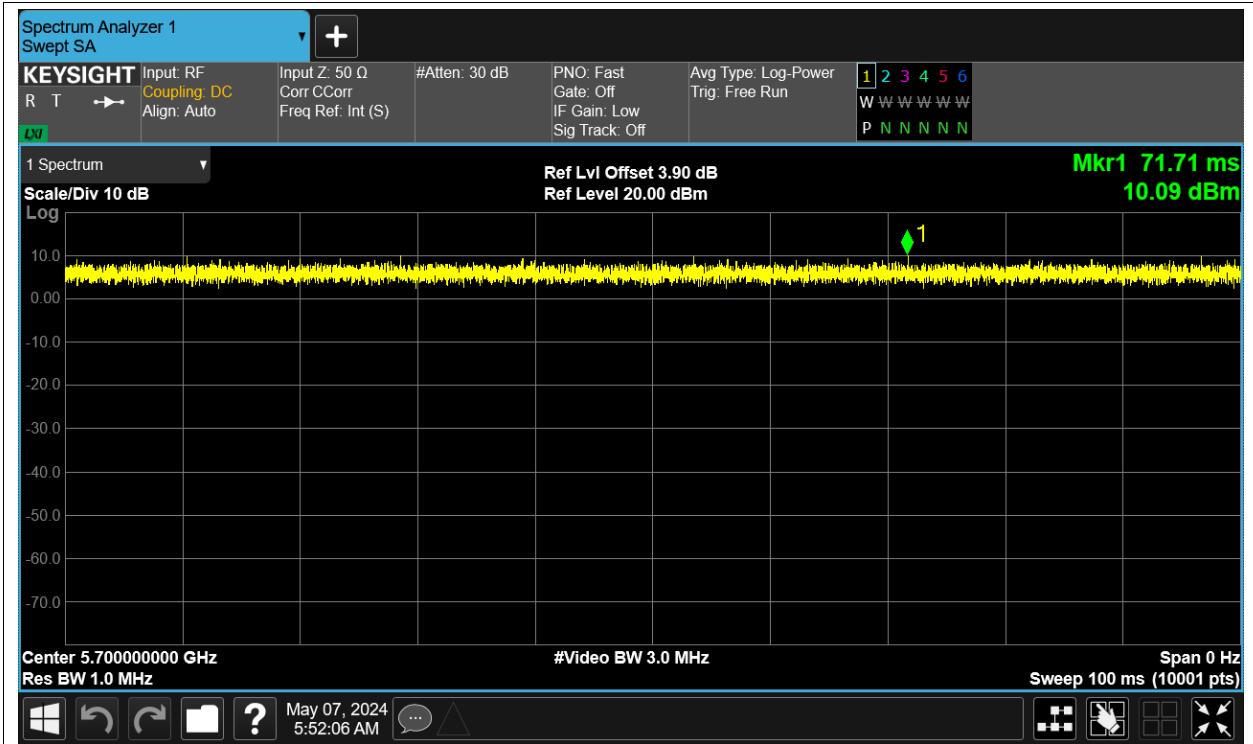
Freq. Stability NVNT n40 5510MHz Ant14



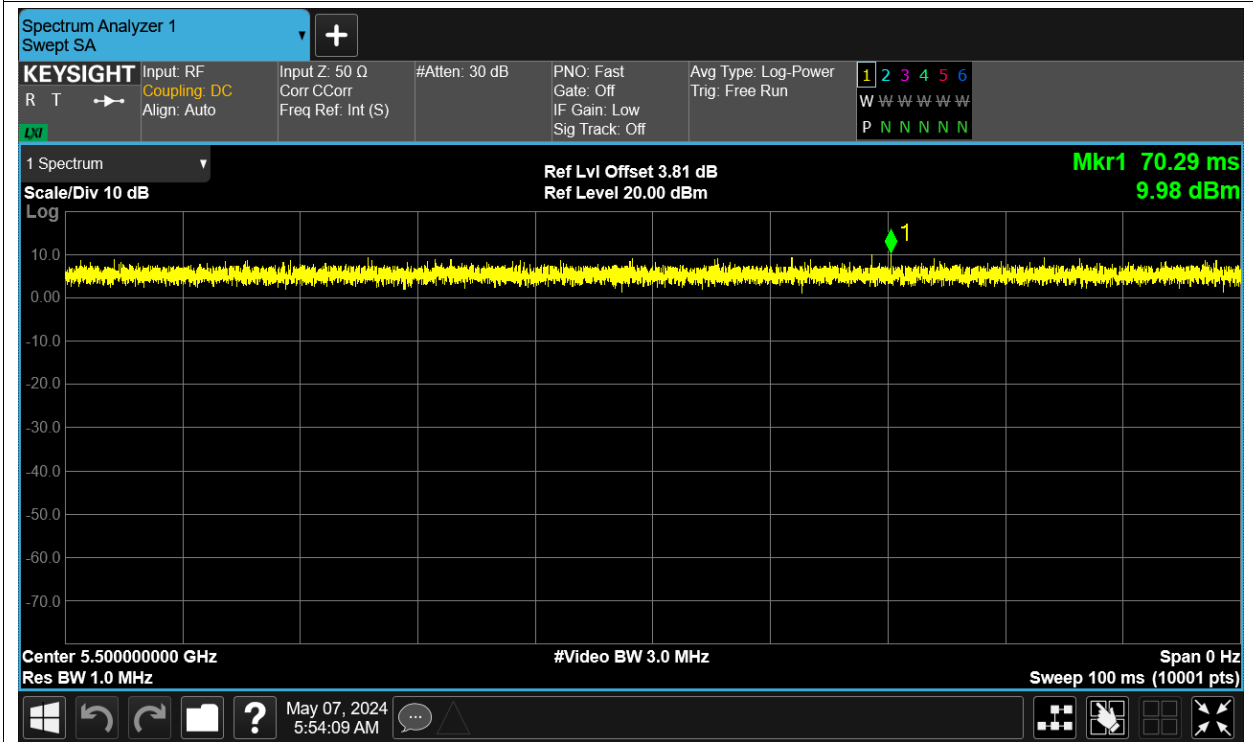
Duty Cycle

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

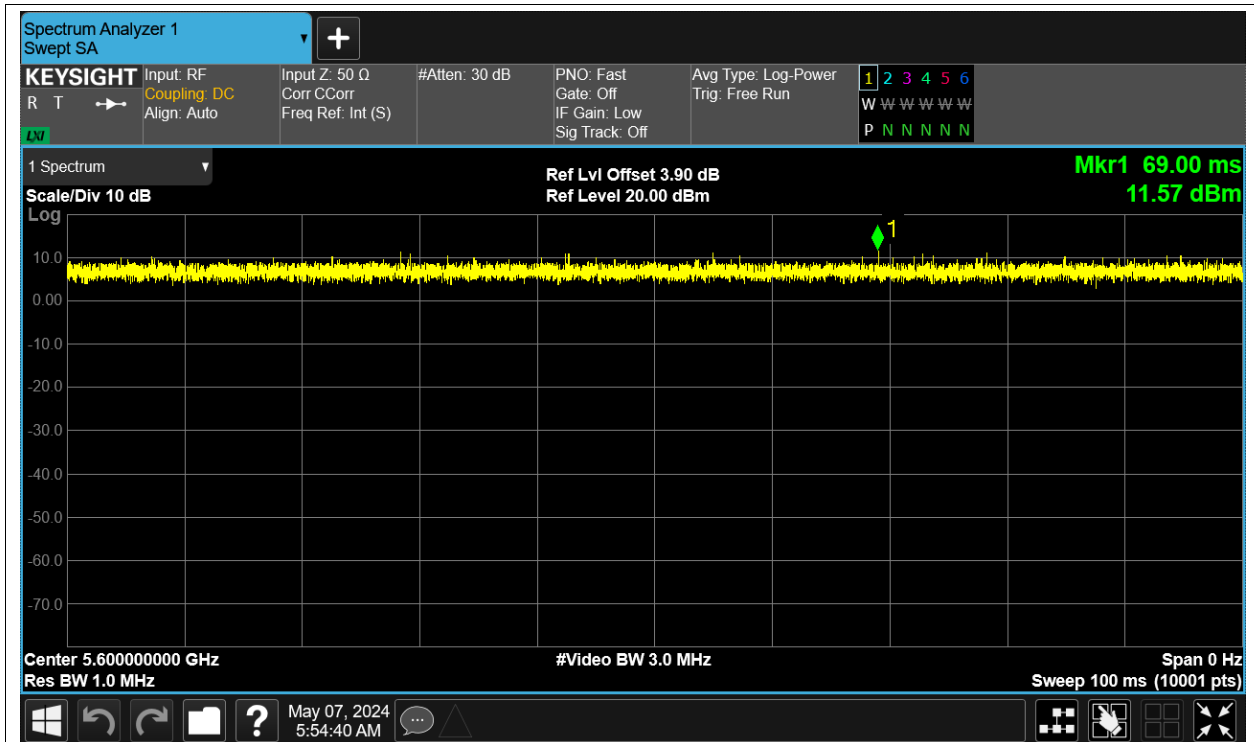




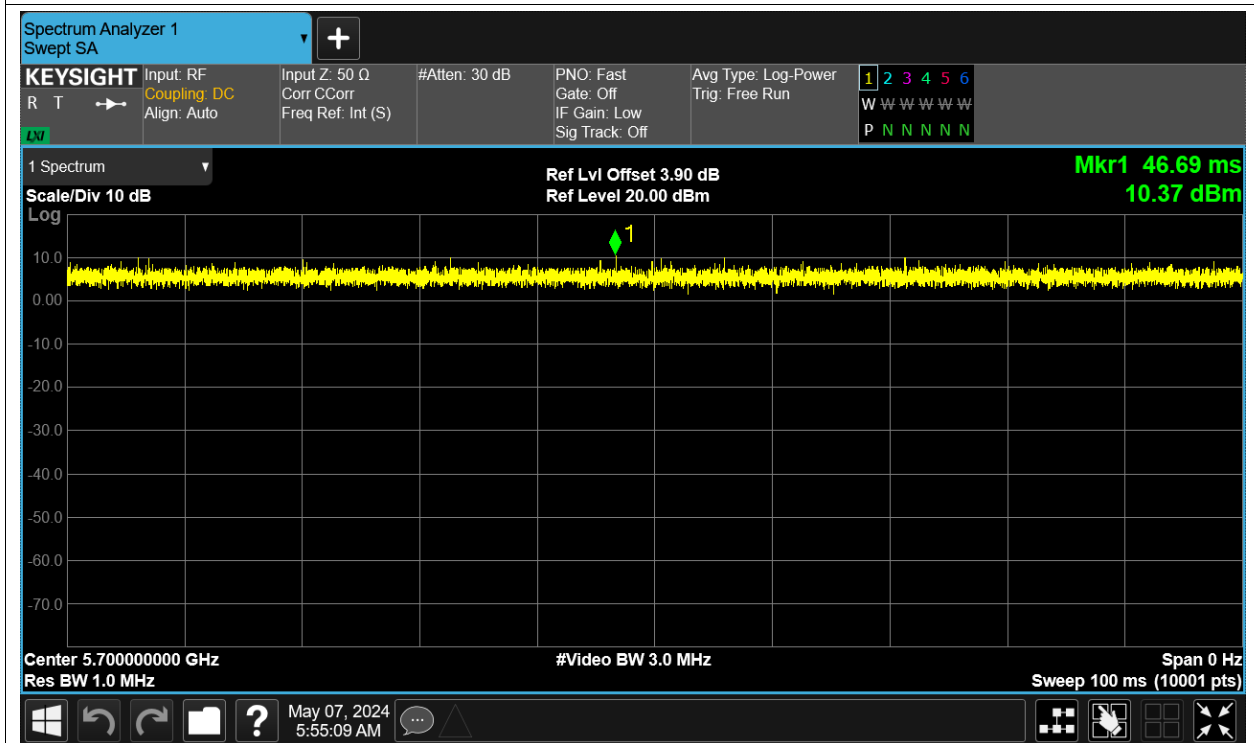
Duty Cycle NVNT ac20 5500MHz Ant14



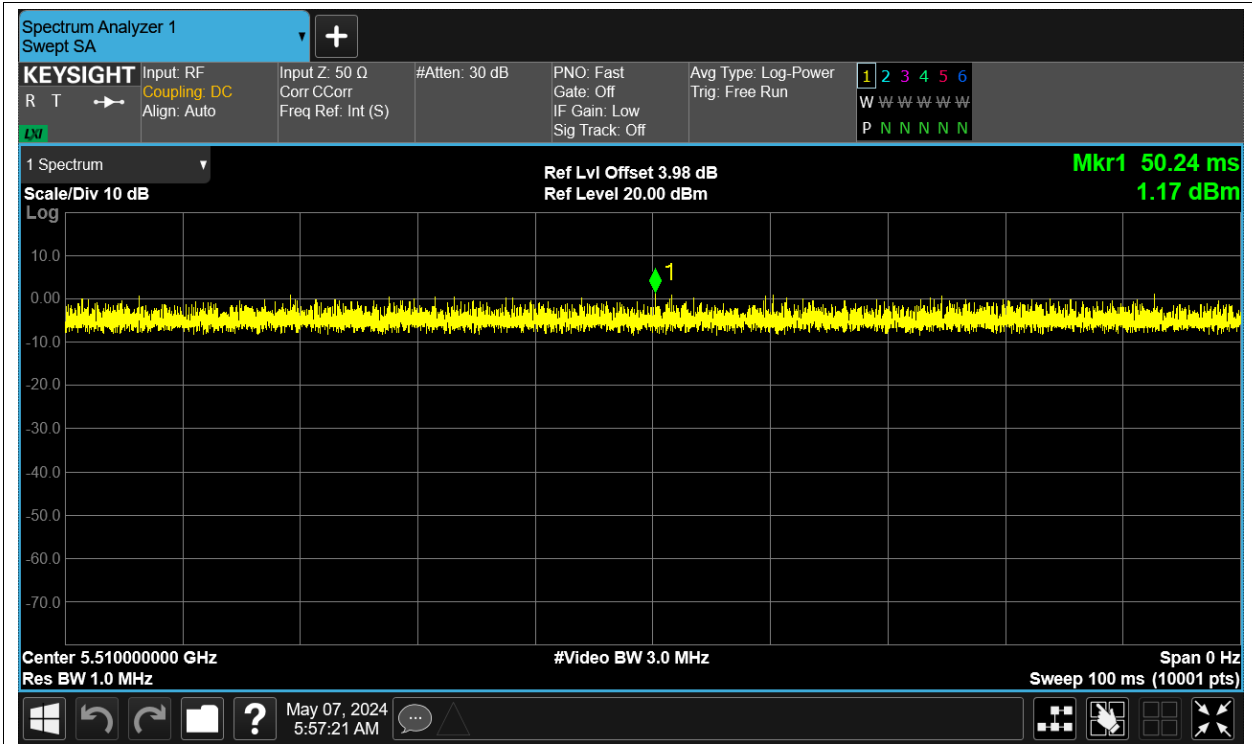
Duty Cycle NVNT ac20 5600MHz Ant14



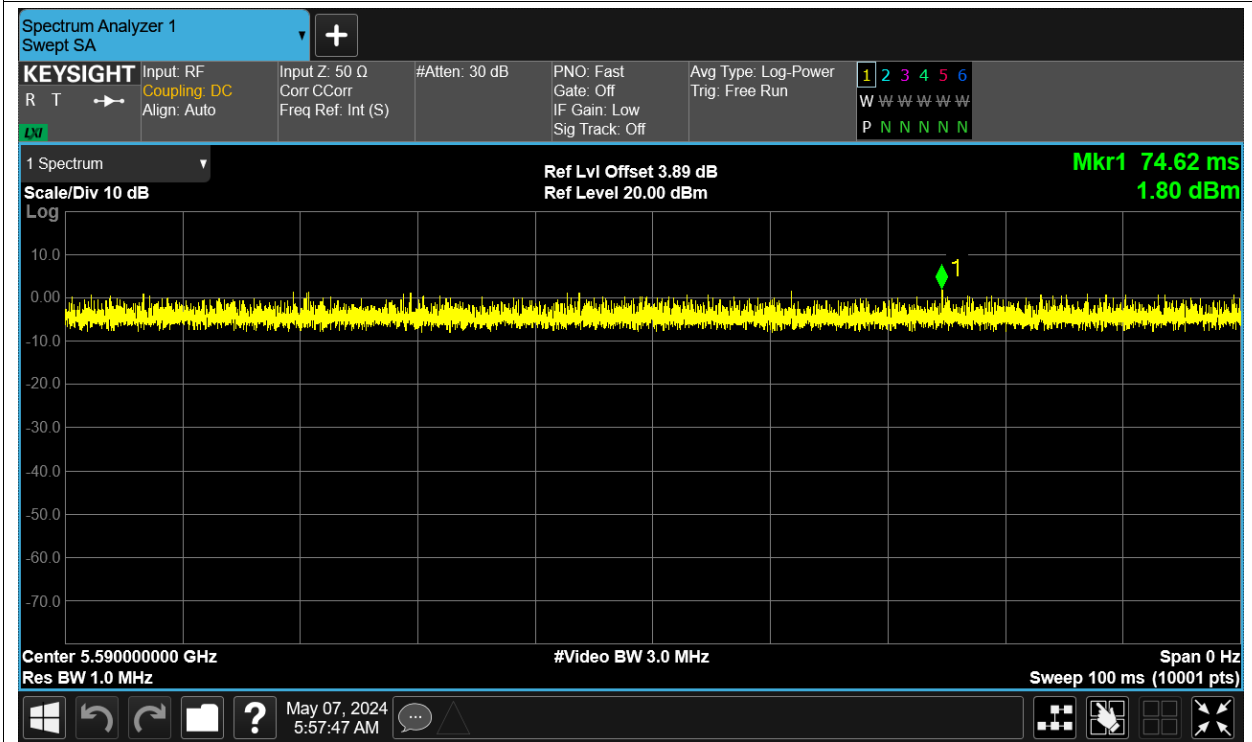
Duty Cycle NVNT ac20 5700MHz Ant14



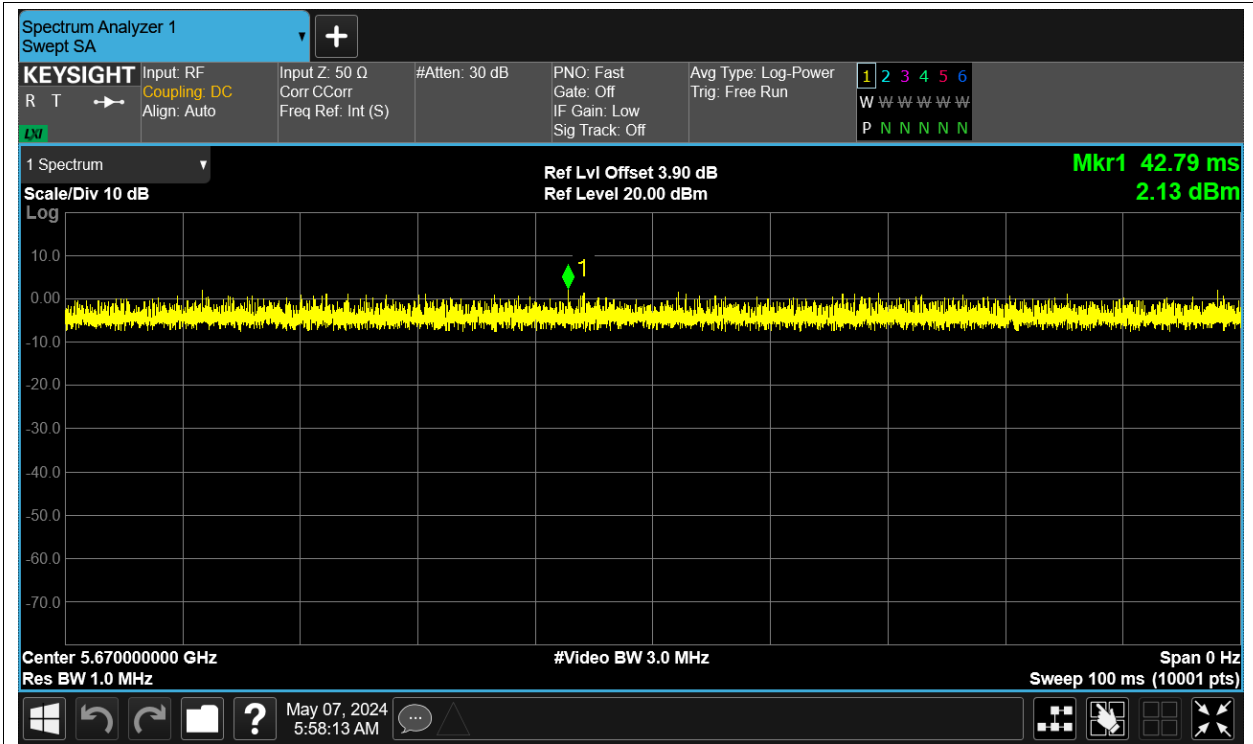
Duty Cycle NVNT ac40 5510MHz Ant14



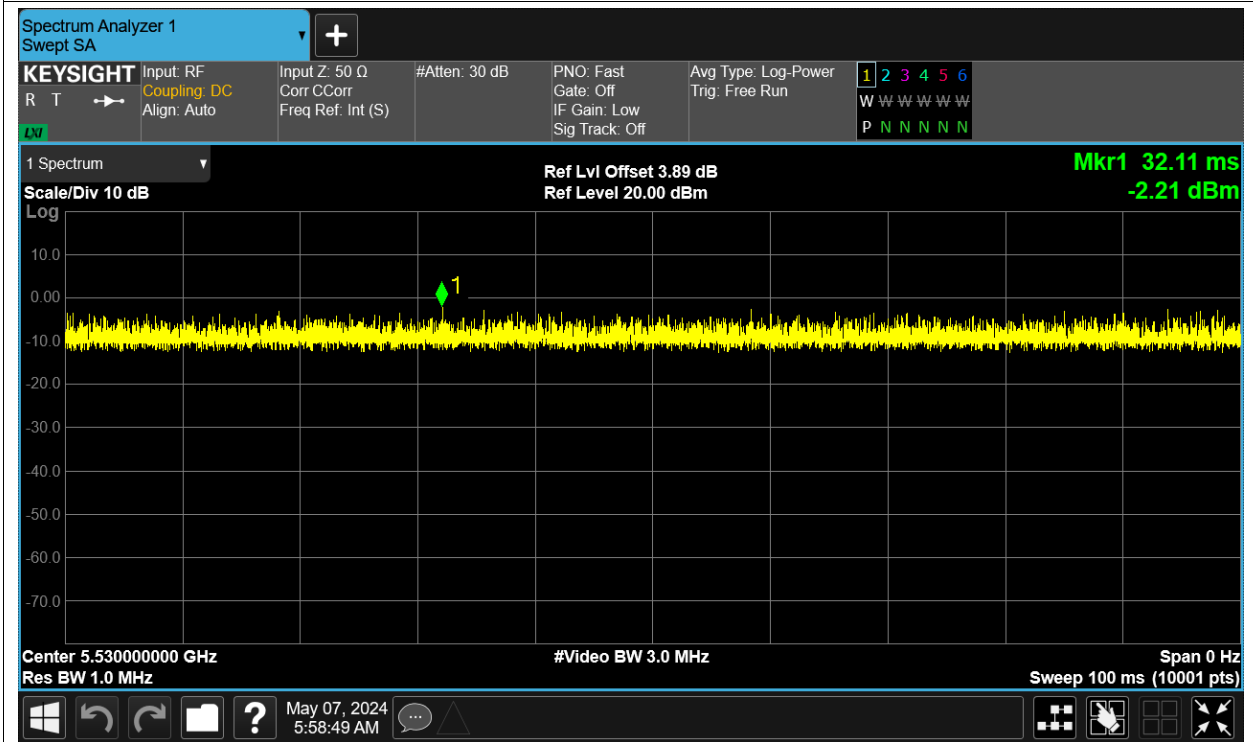
Duty Cycle NVNT ac40 5590MHz Ant14



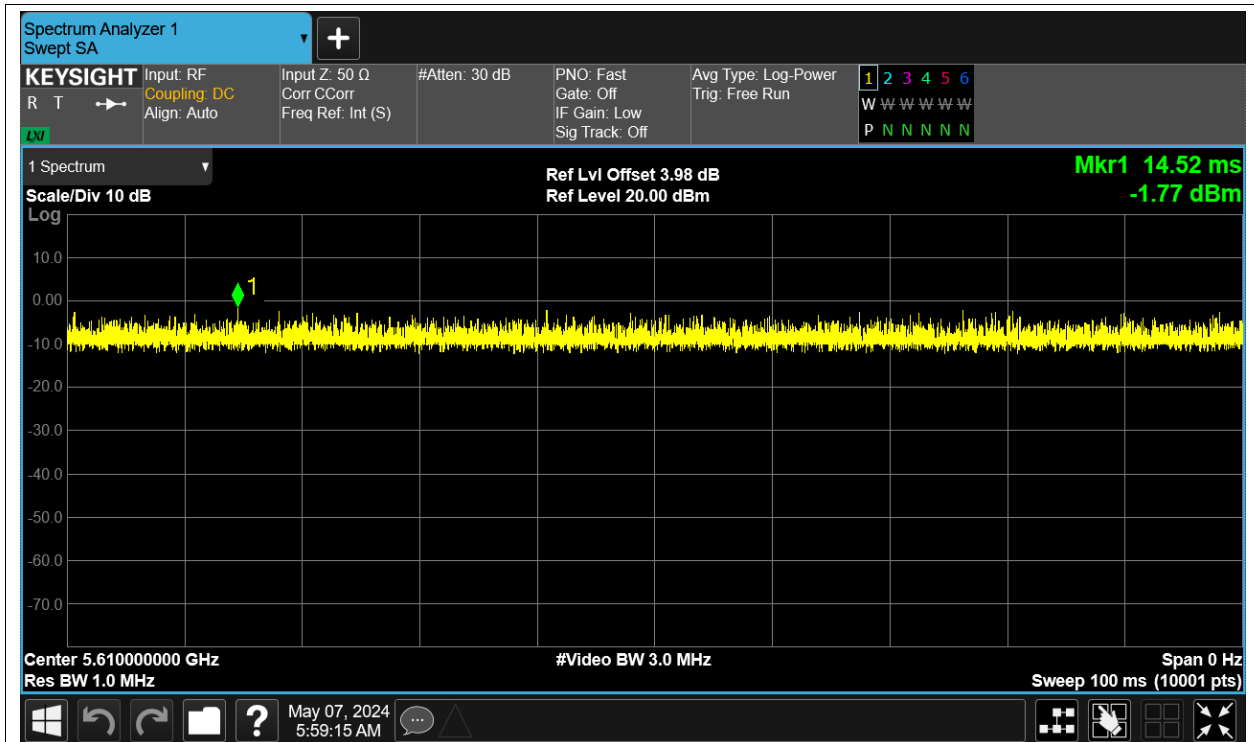
Duty Cycle NVNT ac40 5670MHz Ant14



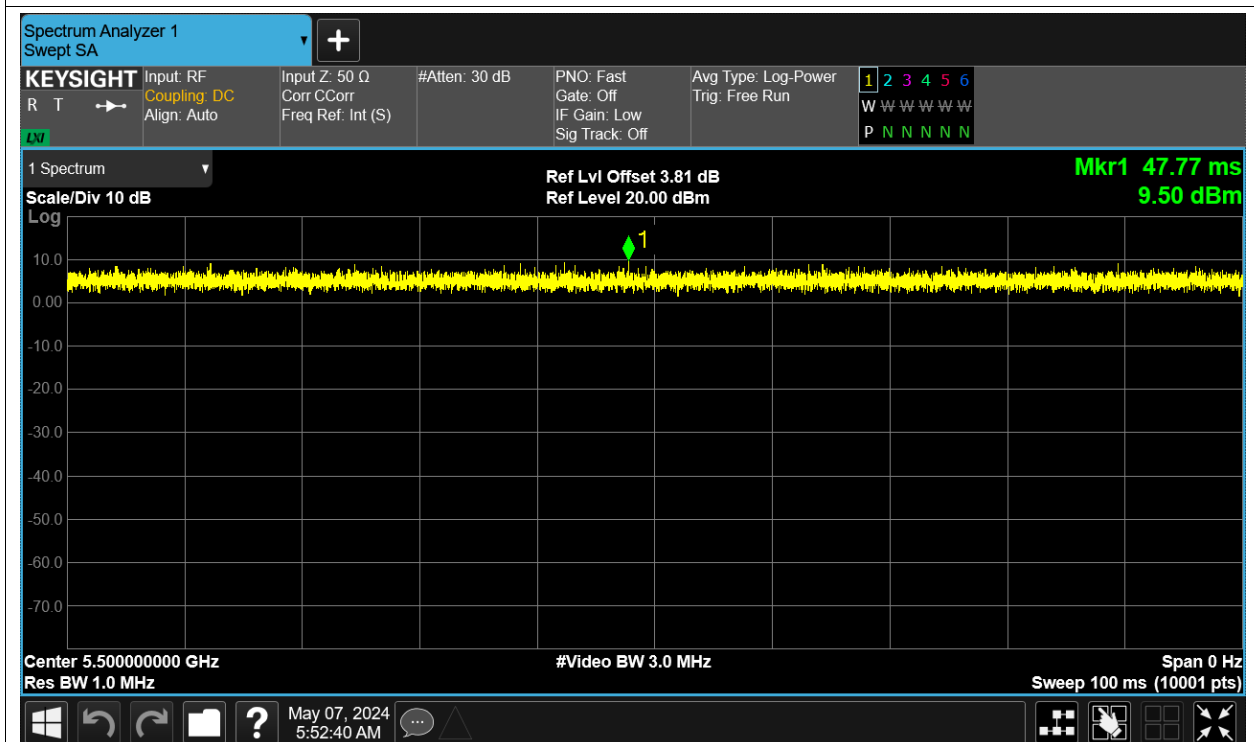
Duty Cycle NVNT ac80 5530MHz Ant14



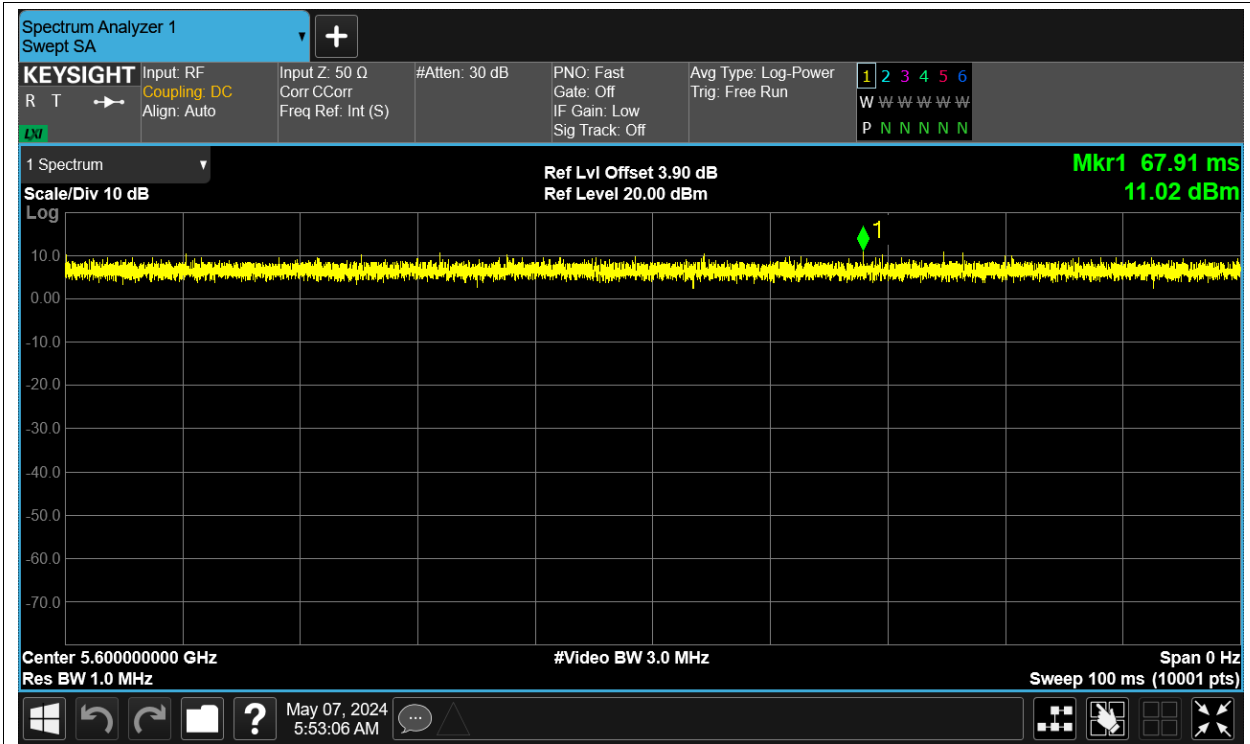
Duty Cycle NVNT ac80 5610MHz Ant14



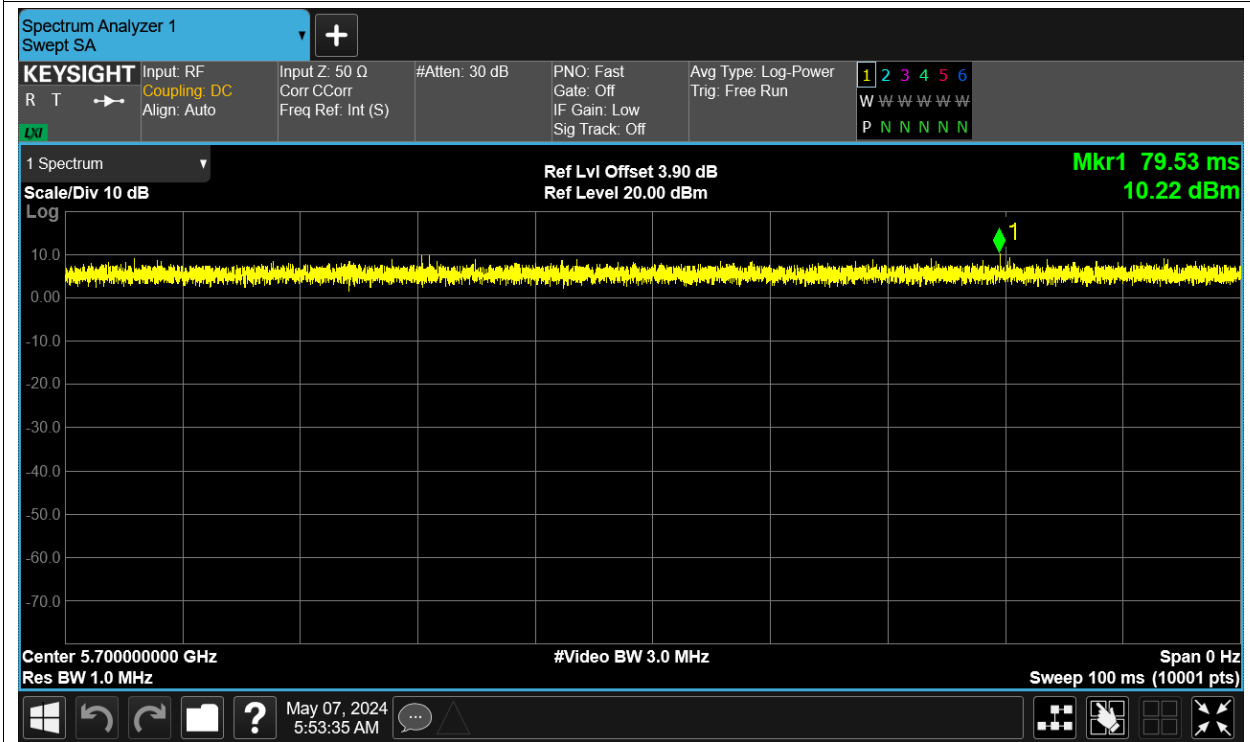
Duty Cycle NVNT n20 5500MHz Ant14



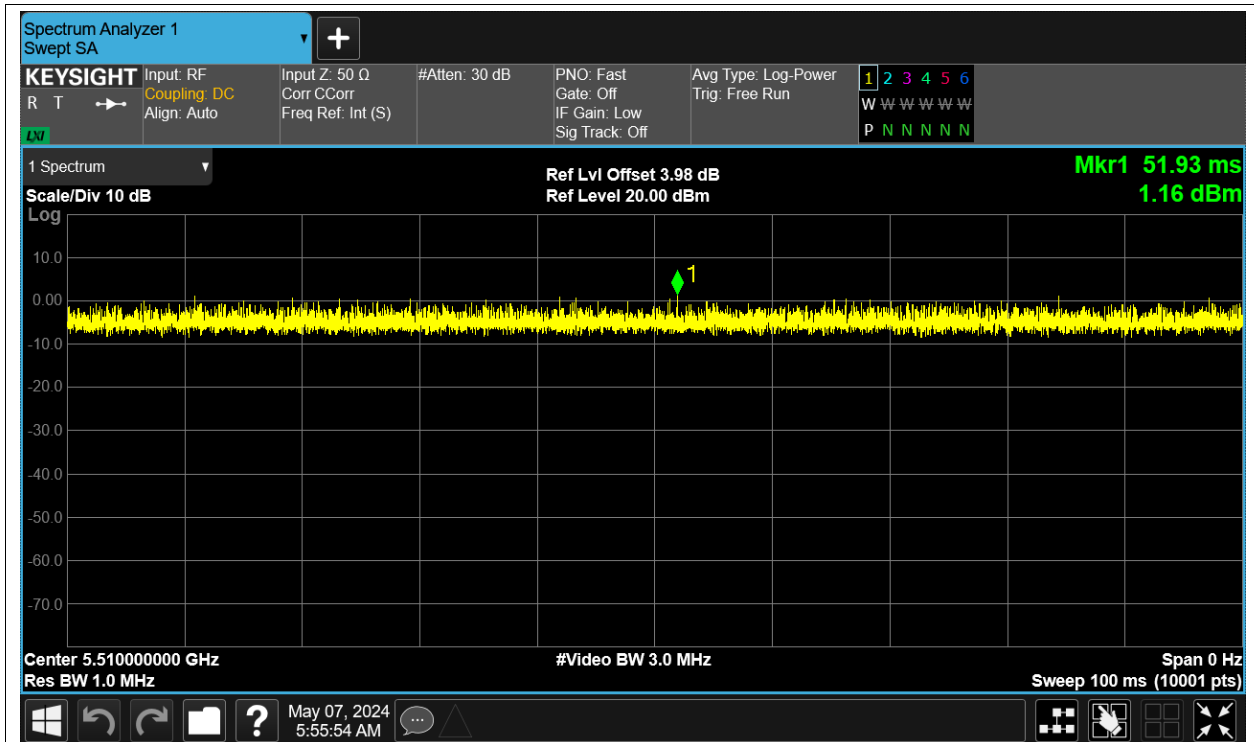
Duty Cycle NVNT n20 5600MHz Ant14



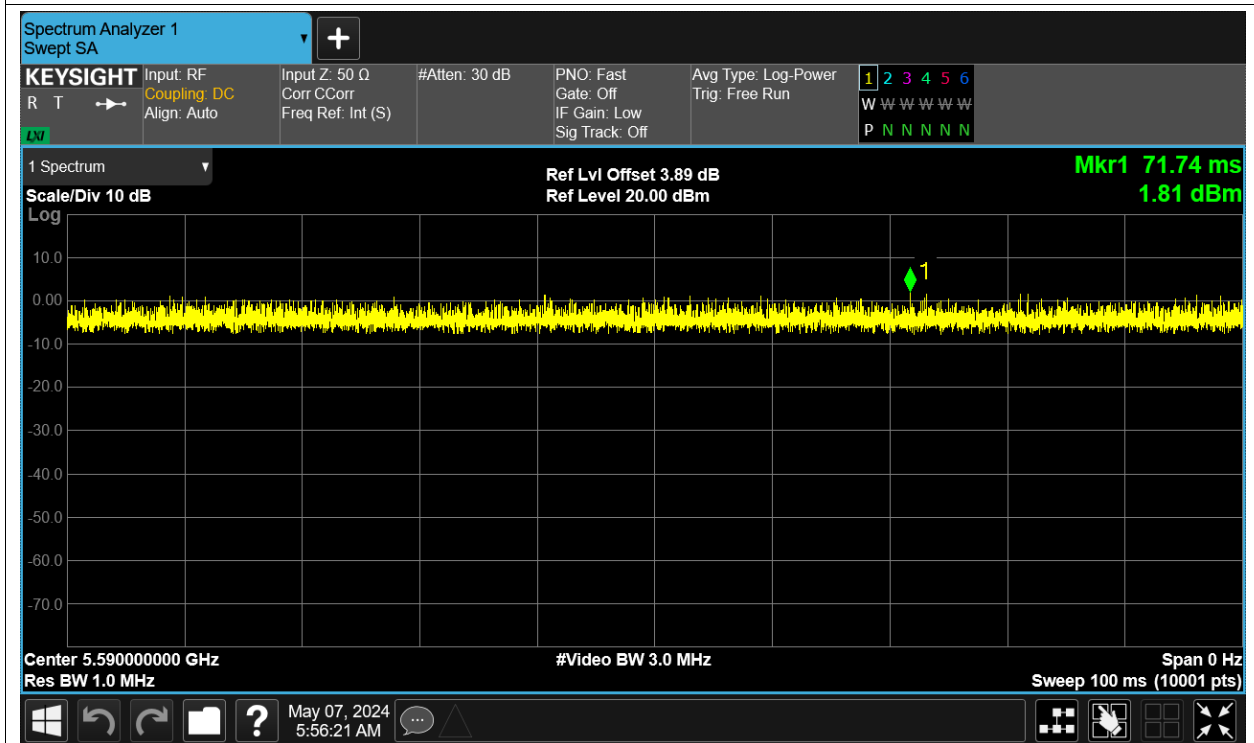
Duty Cycle NVNT n20 5700MHz Ant14



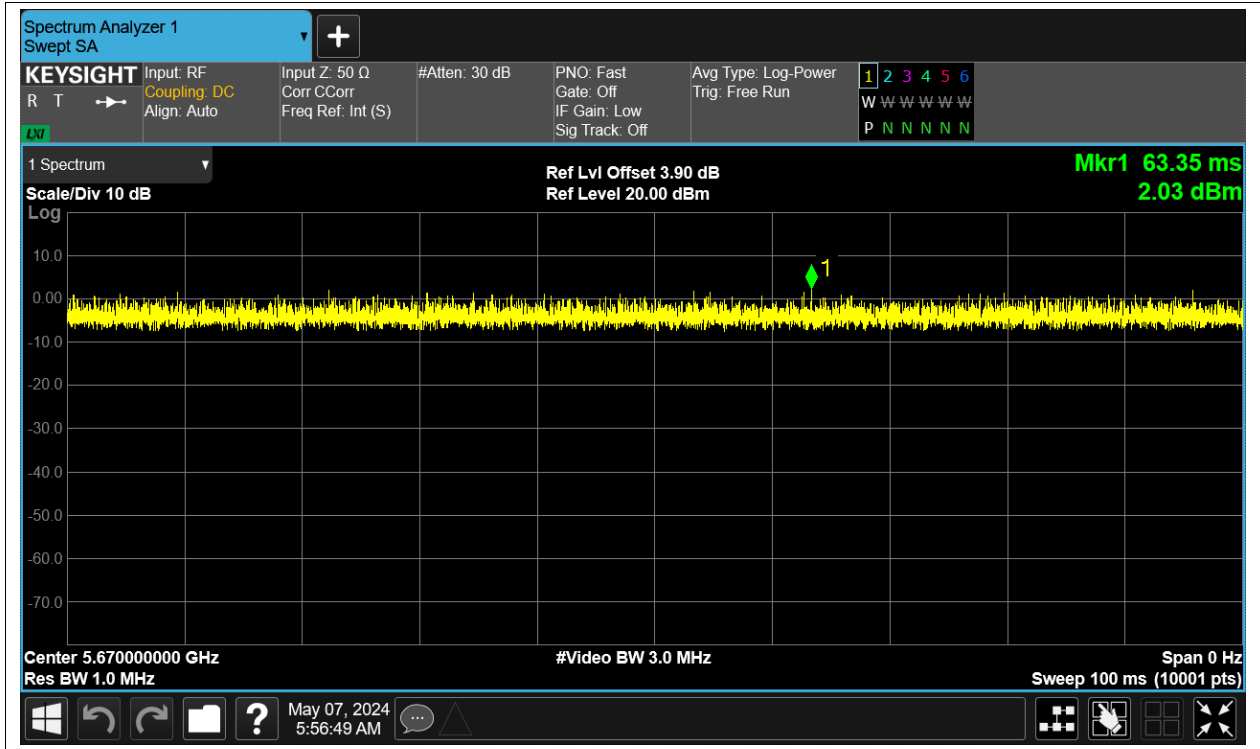
Duty Cycle NVNT n40 5510MHz Ant14



Duty Cycle NVNT n40 5590MHz Ant14



Duty Cycle NVNT n40 5670MHz Ant14



Maximum Conducted Output Power

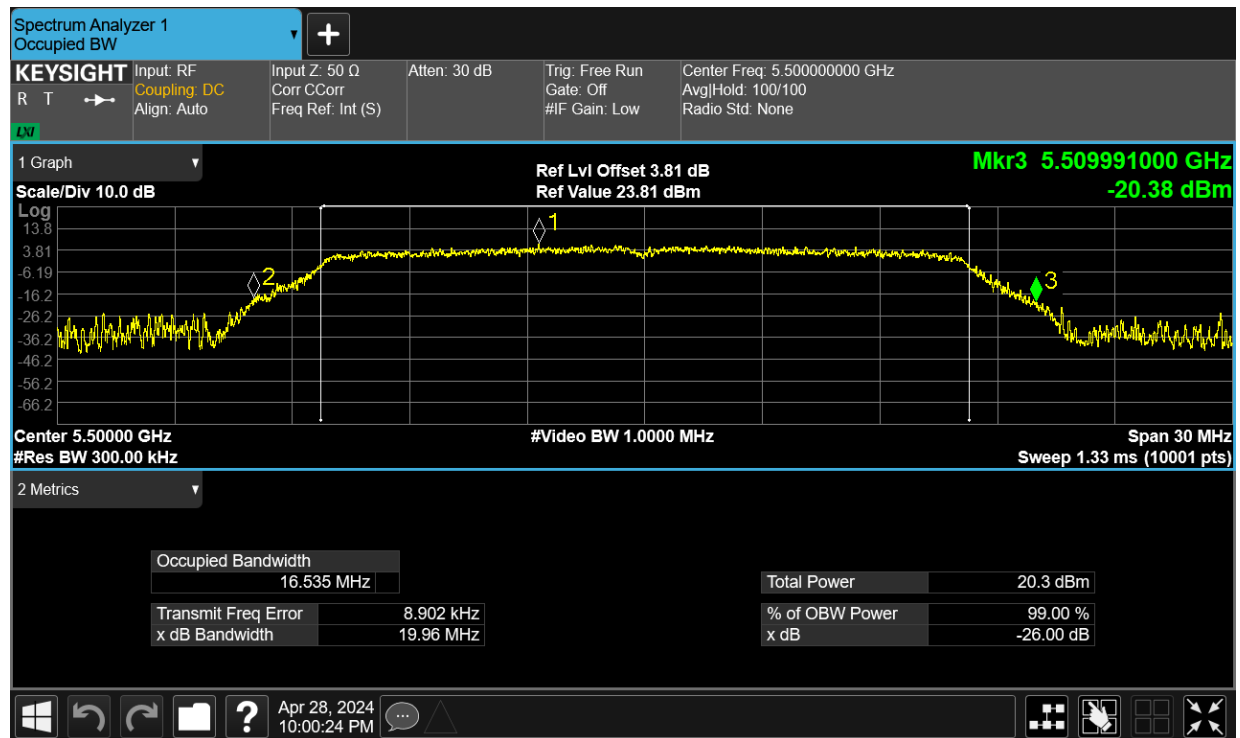
Condition	Mode	Frequency (MHz)	Antenna	Conducted Power (dBm)	Duty Factor (dB)	Total Power (dBm)	Limit (dBm)	Verdict
NVNT	a	5500	Ant14	13.33	0	13.33	24	Pass
NVNT	a	5600	Ant14	13.39	0	13.39	24	Pass
NVNT	a	5700	Ant14	13.39	0	13.39	24	Pass
NVNT	ac20	5500	Ant14	13.37	0	13.37	24	Pass
NVNT	ac20	5600	Ant14	13.32	0	13.32	24	Pass
NVNT	ac20	5700	Ant14	13.2	0	13.2	24	Pass
NVNT	ac40	5510	Ant14	9.41	0	9.41	24	Pass
NVNT	ac40	5590	Ant14	9.37	0	9.37	24	Pass
NVNT	ac40	5670	Ant14	8.97	0	8.97	24	Pass
NVNT	ac80	5530	Ant14	7.83	0	7.83	24	Pass
NVNT	ac80	5610	Ant14	8.24	0	8.24	24	Pass
NVNT	n20	5500	Ant14	13.22	0	13.22	24	Pass
NVNT	n20	5600	Ant14	13.24	0	13.24	24	Pass
NVNT	n20	5700	Ant14	13.06	0	13.06	24	Pass
NVNT	n40	5510	Ant14	9.38	0	9.38	24	Pass
NVNT	n40	5590	Ant14	9.46	0	9.46	24	Pass
NVNT	n40	5670	Ant14	9.08	0	9.08	24	Pass

-26dB Bandwidth

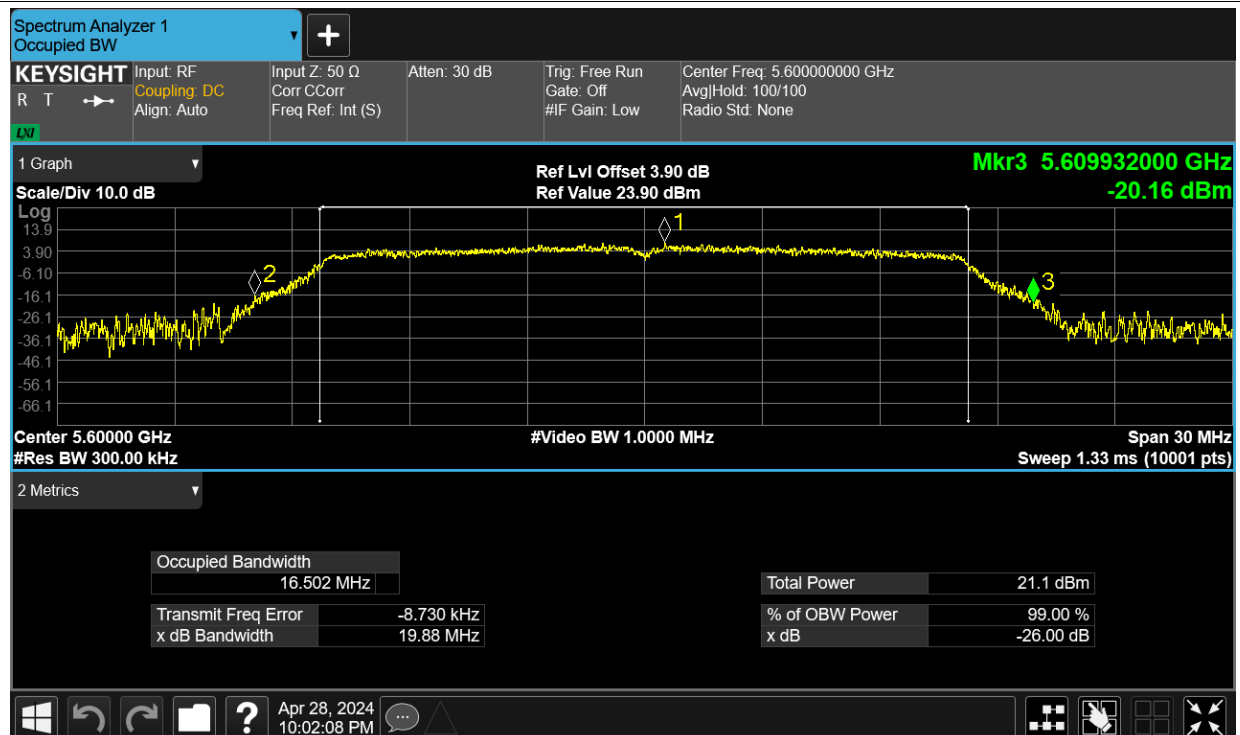
Condition	Mode	Frequency (MHz)	Antenna	-26 dB Bandwidth (MHz)
NVNT	a	5500	Ant14	19.964
NVNT	a	5600	Ant14	19.881
NVNT	a	5700	Ant14	19.938
NVNT	ac20	5500	Ant14	20.289
NVNT	ac20	5600	Ant14	20.311
NVNT	ac20	5700	Ant14	22.615
NVNT	ac40	5510	Ant14	40.187
NVNT	ac40	5590	Ant14	39.874
NVNT	ac40	5670	Ant14	39.685
NVNT	ac80	5530	Ant14	78.794
NVNT	ac80	5610	Ant14	79.598
NVNT	n20	5500	Ant14	20.276
NVNT	n20	5600	Ant14	20.655
NVNT	n20	5700	Ant14	23.319
NVNT	n40	5510	Ant14	39.681
NVNT	n40	5590	Ant14	39.909
NVNT	n40	5670	Ant14	39.472

Test Graphs

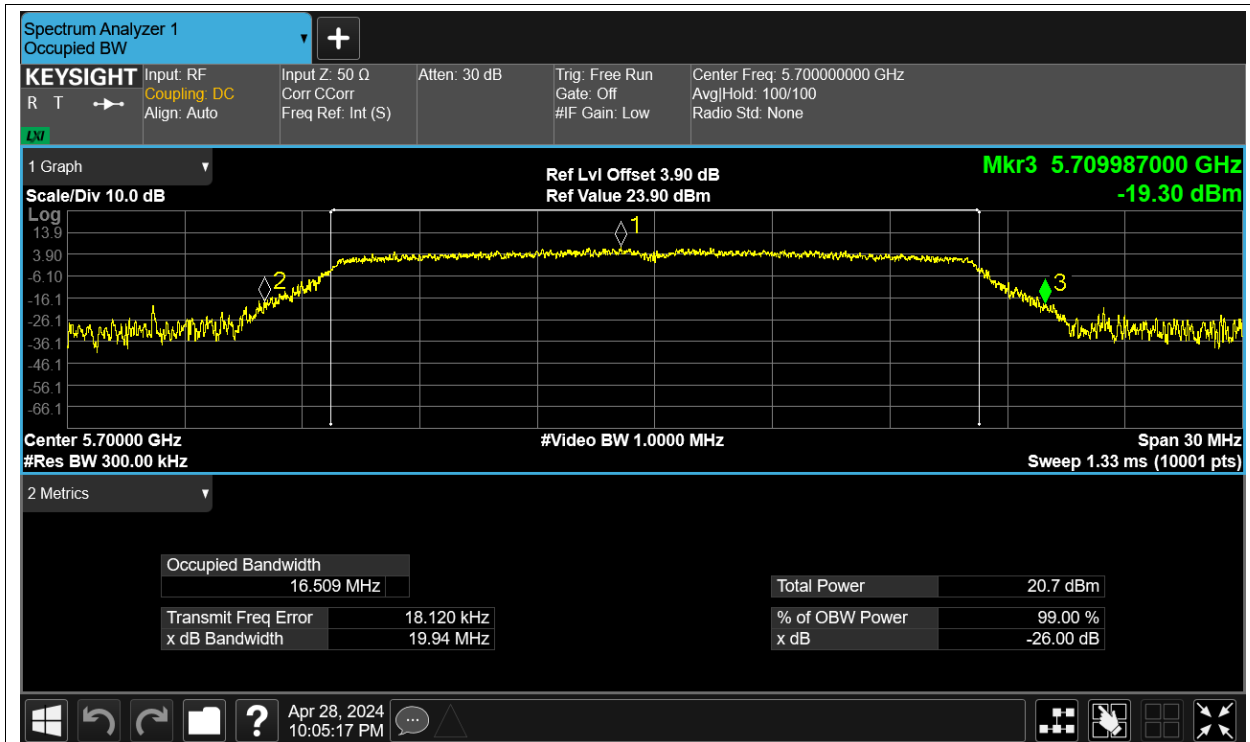
-26dB Bandwidth NVNT a 5500MHz Ant14



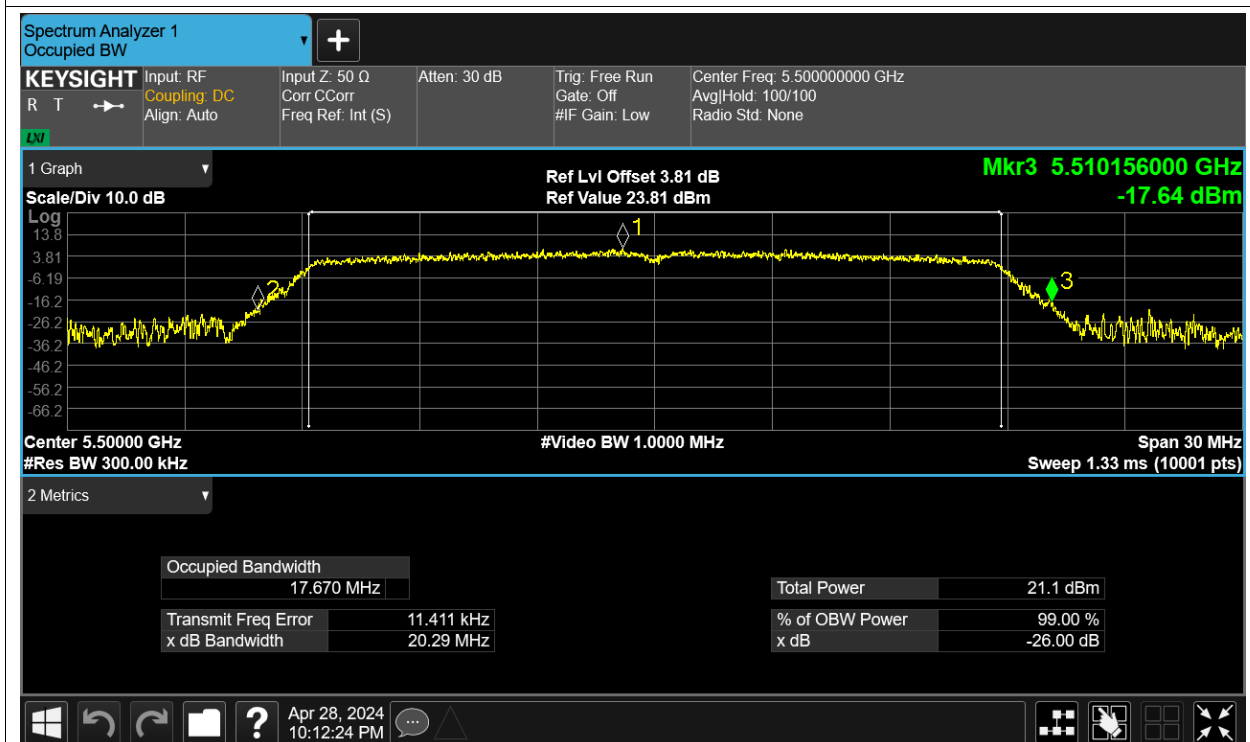
-26dB Bandwidth NVNT a 5600MHz Ant14



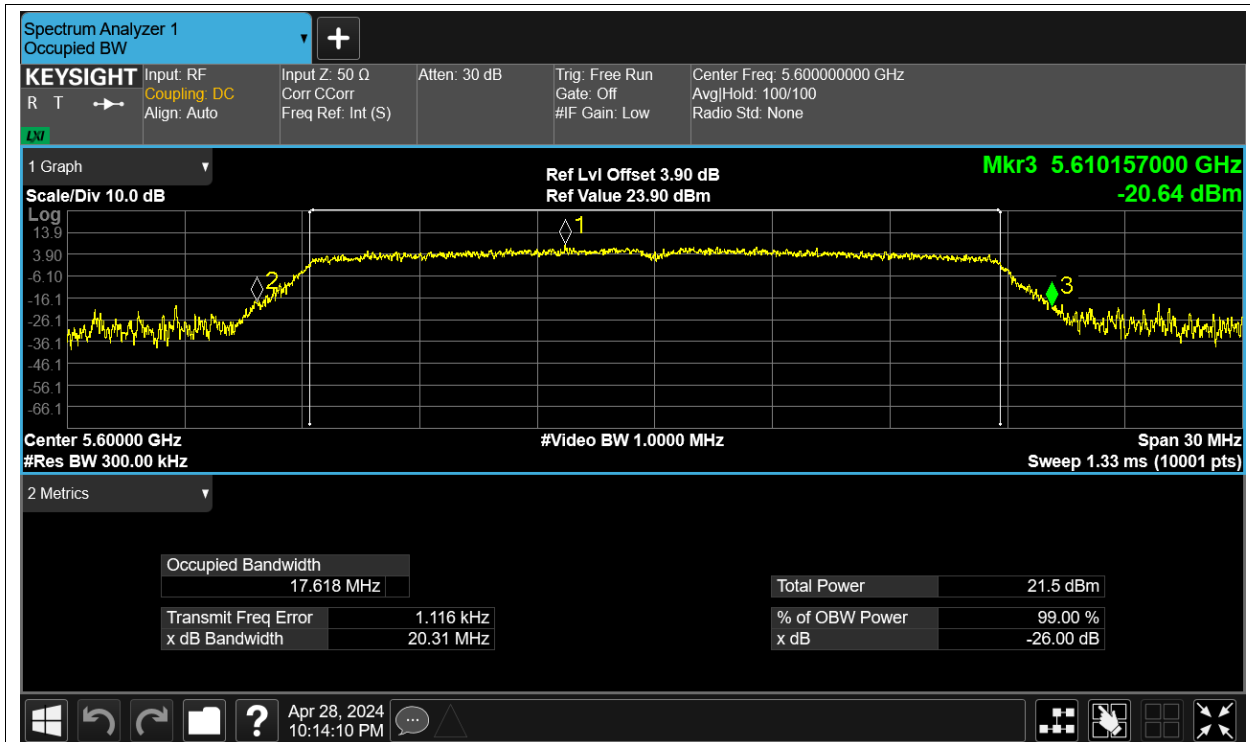
-26dB Bandwidth NVNT a 5700MHz Ant14



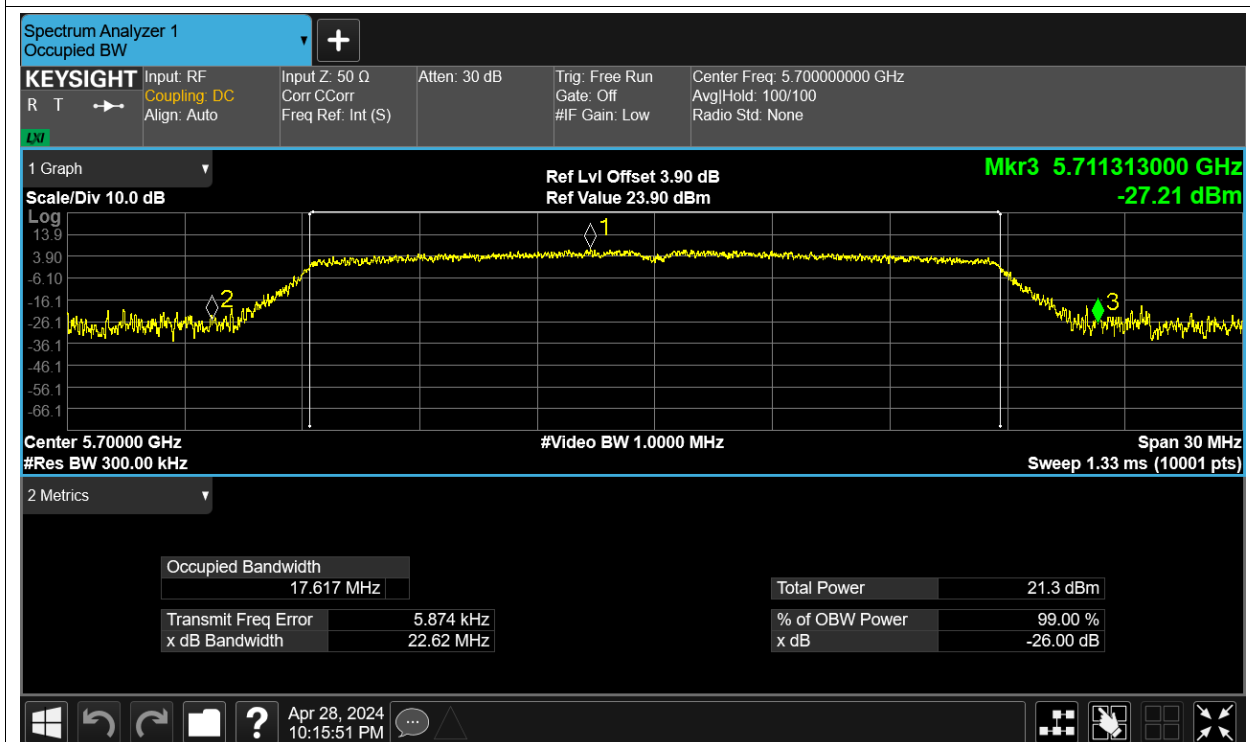
-26dB Bandwidth NVNT ac20 5500MHz Ant14



-26dB Bandwidth NVNT ac20 5600MHz Ant14



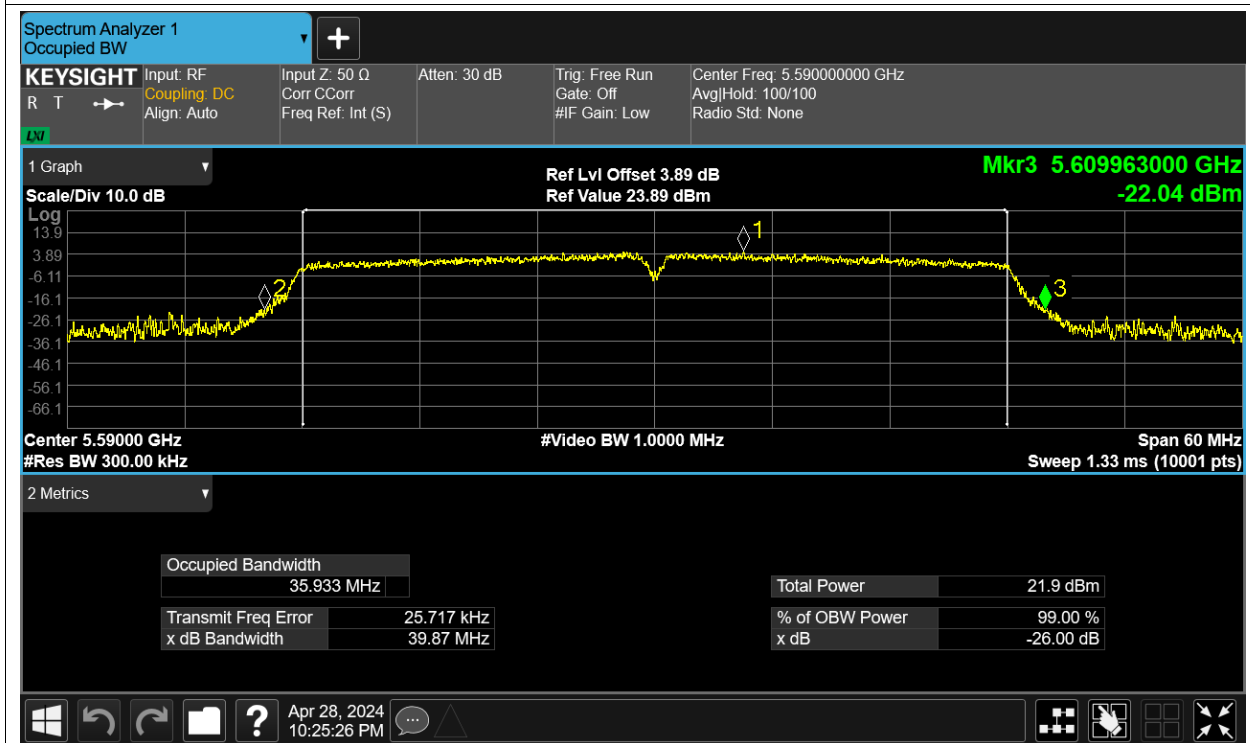
-26dB Bandwidth NVNT ac20 5700MHz Ant14



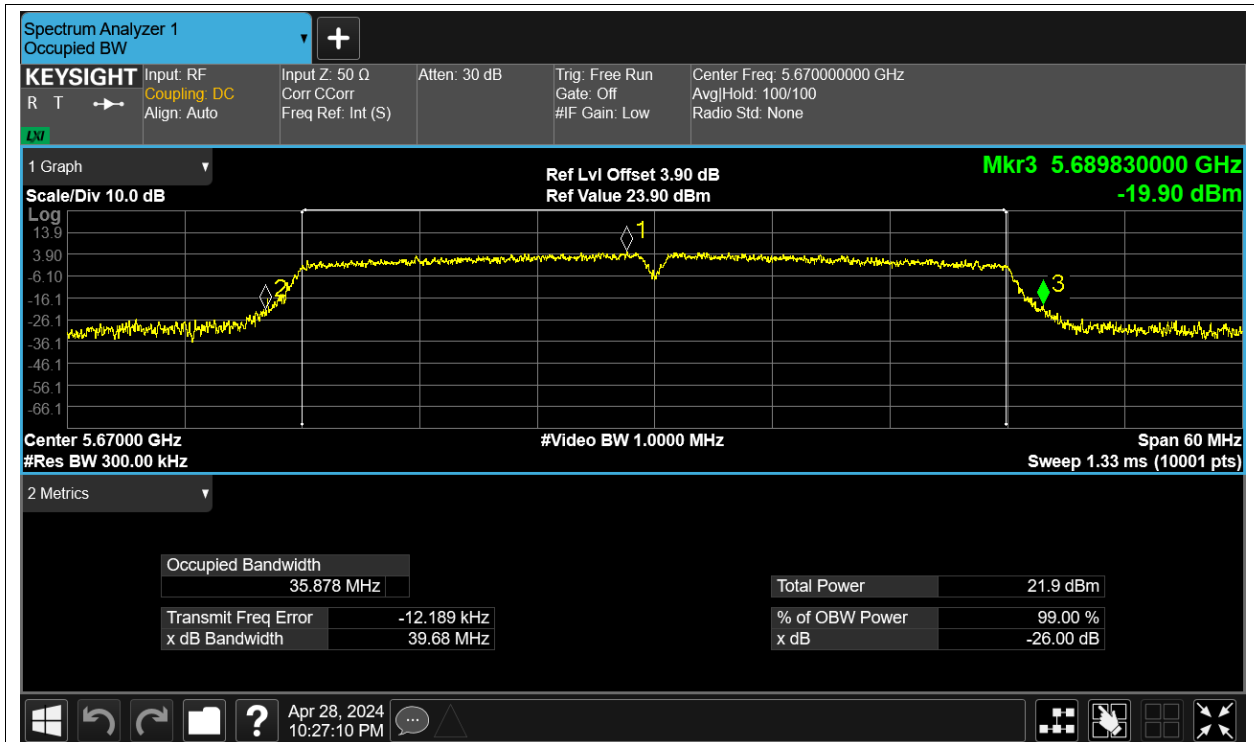
-26dB Bandwidth NVNT ac40 5510MHz Ant14



-26dB Bandwidth NVNT ac40 5590MHz Ant14



-26dB Bandwidth NVNT ac40 5670MHz Ant14



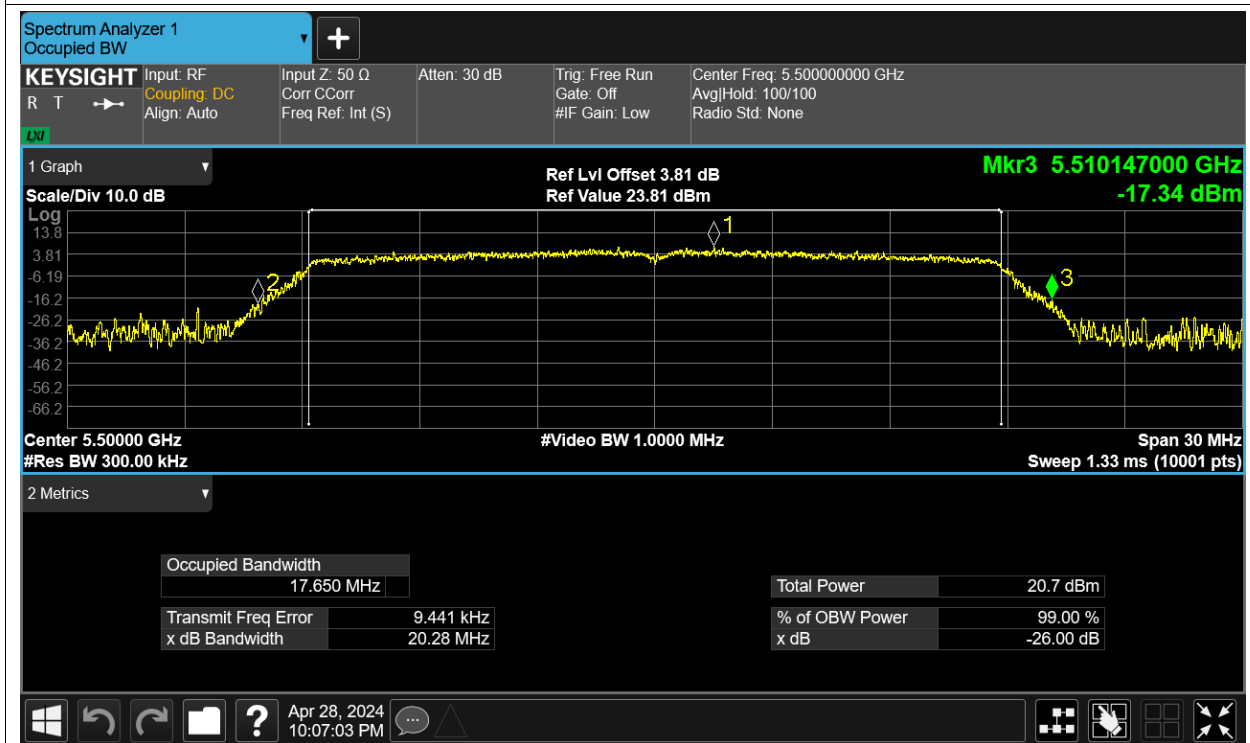
-26dB Bandwidth NVNT ac80 5530MHz Ant14



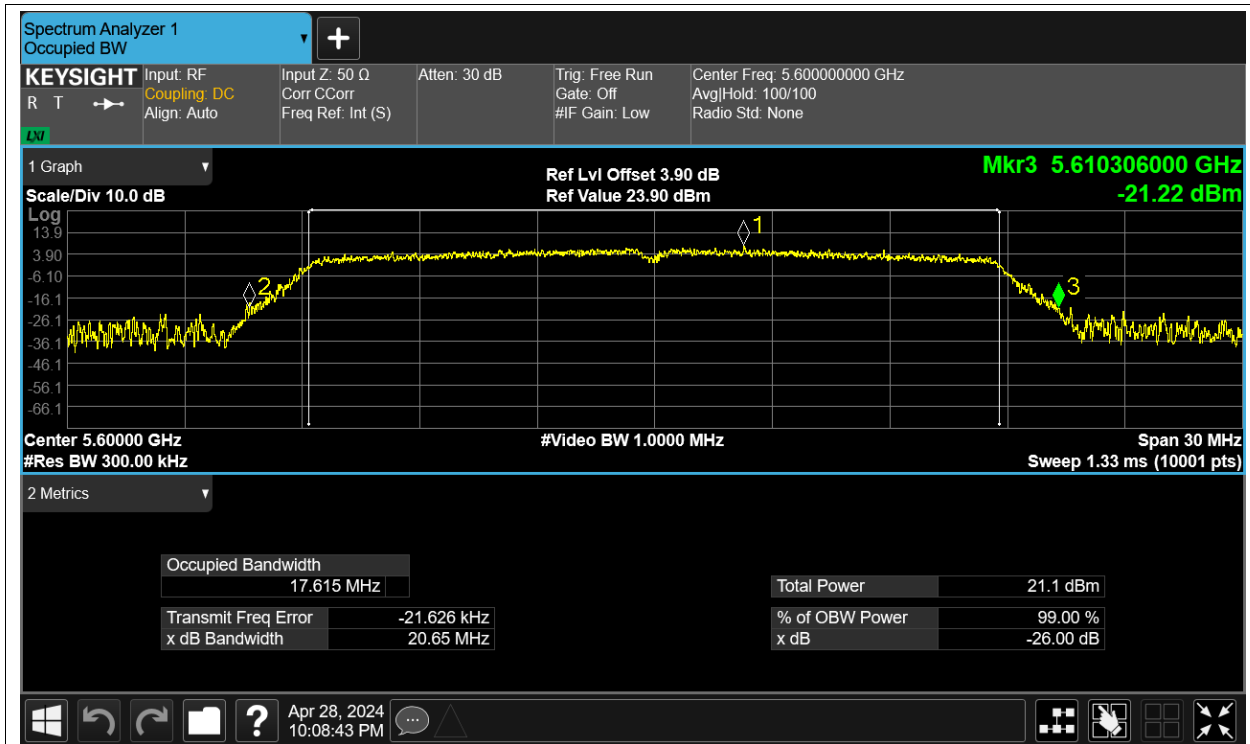
-26dB Bandwidth NVNT ac80 5610MHz Ant14



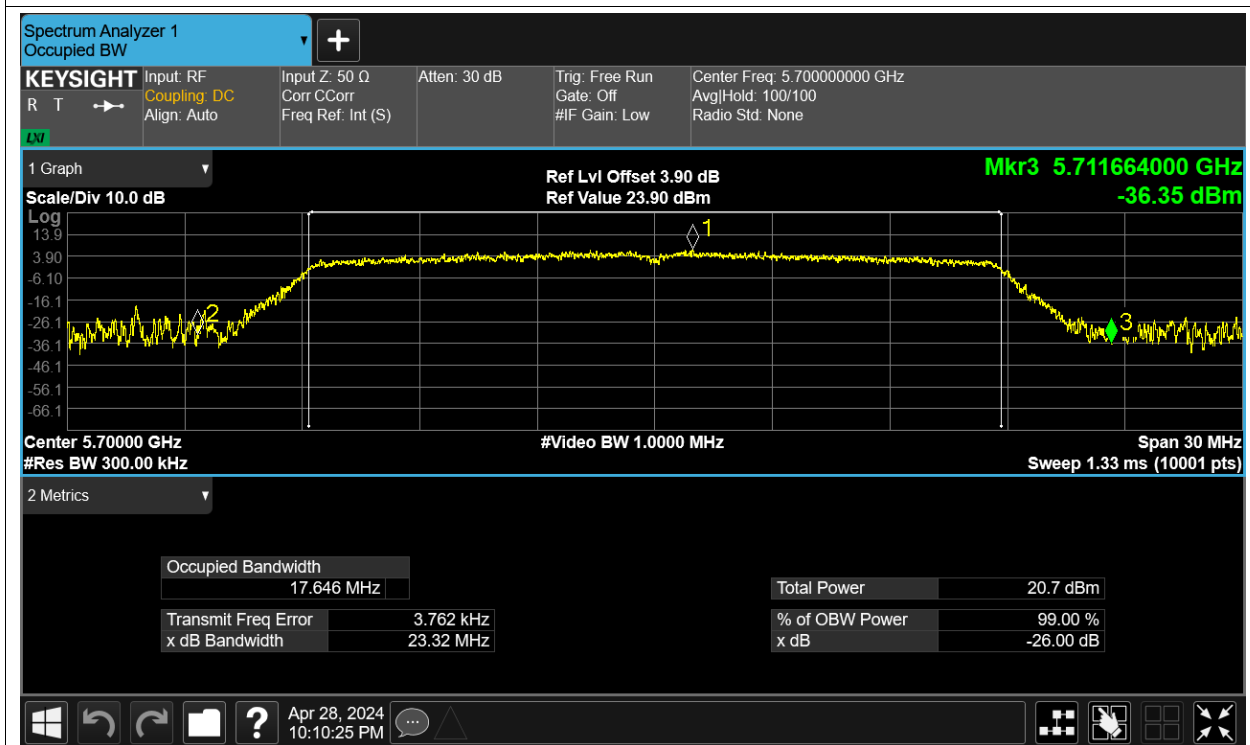
-26dB Bandwidth NVNT n20 5500MHz Ant14



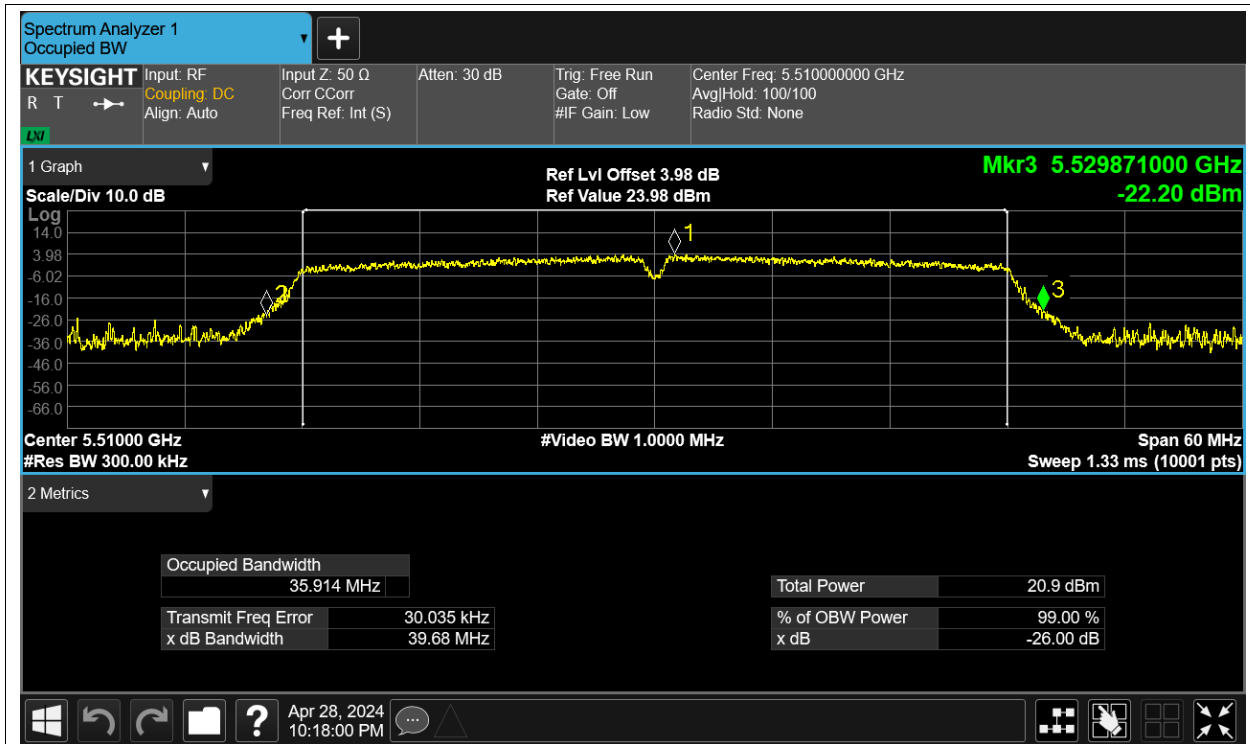
-26dB Bandwidth NVNT n20 5600MHz Ant14



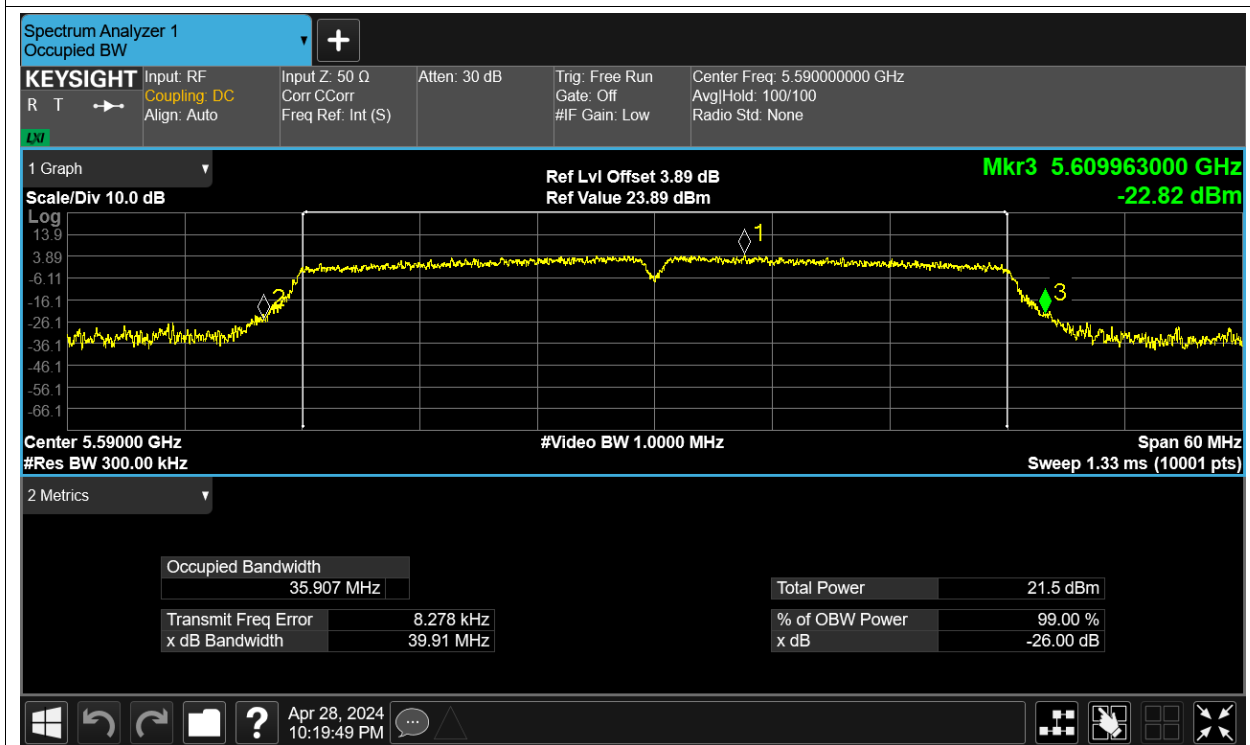
-26dB Bandwidth NVNT n20 5700MHz Ant14



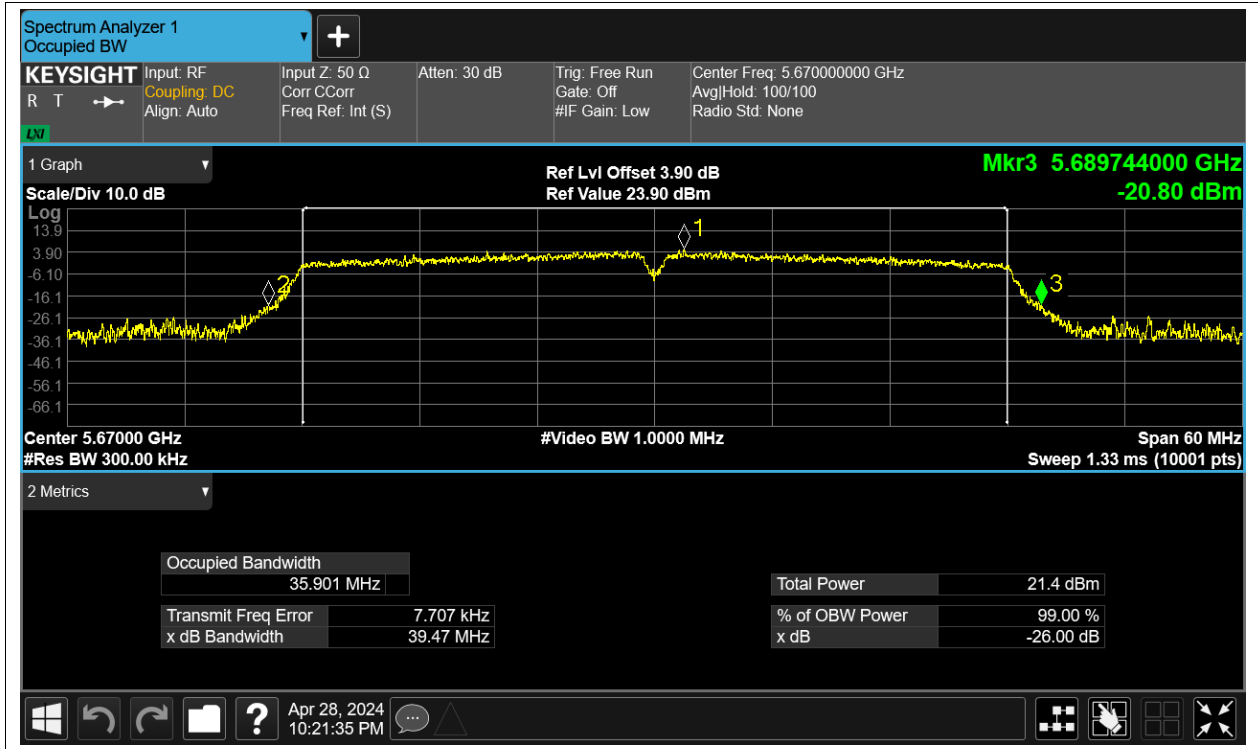
-26dB Bandwidth NVNT n40 5510MHz Ant14



-26dB Bandwidth NVNT n40 5590MHz Ant14



-26dB Bandwidth NVNT n40 5670MHz Ant14

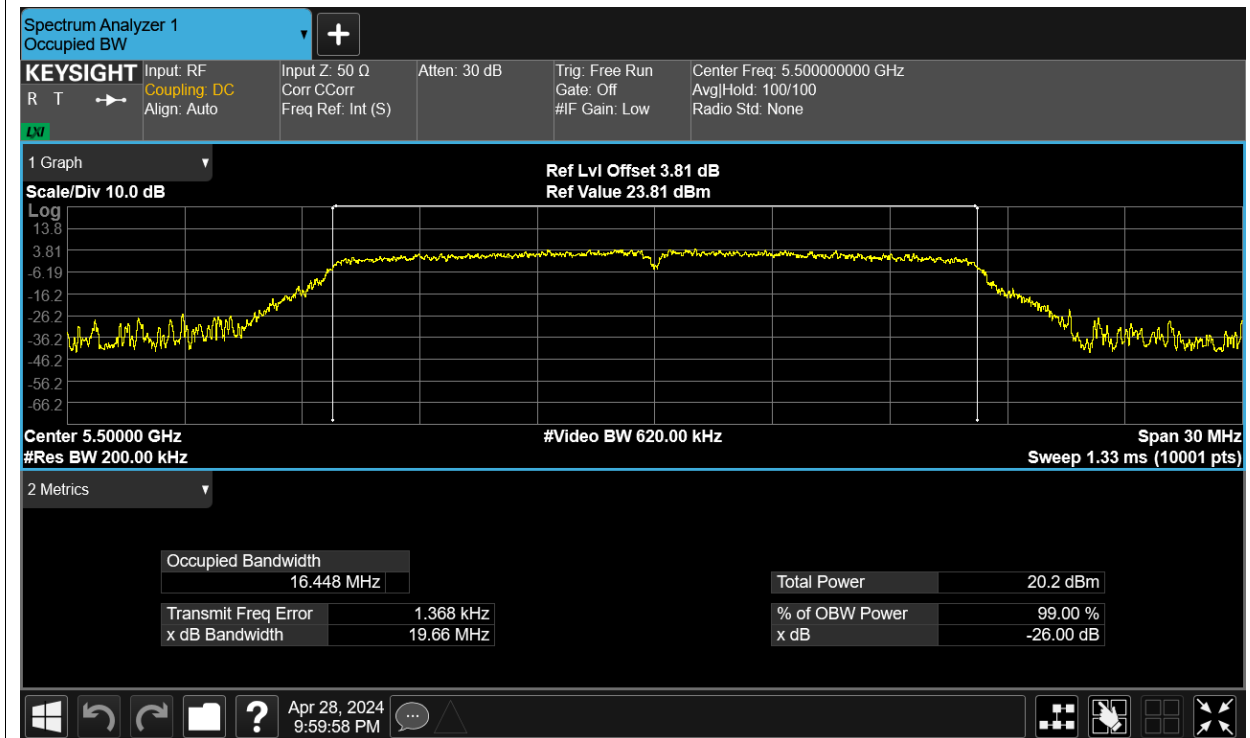


Occupied Channel Bandwidth

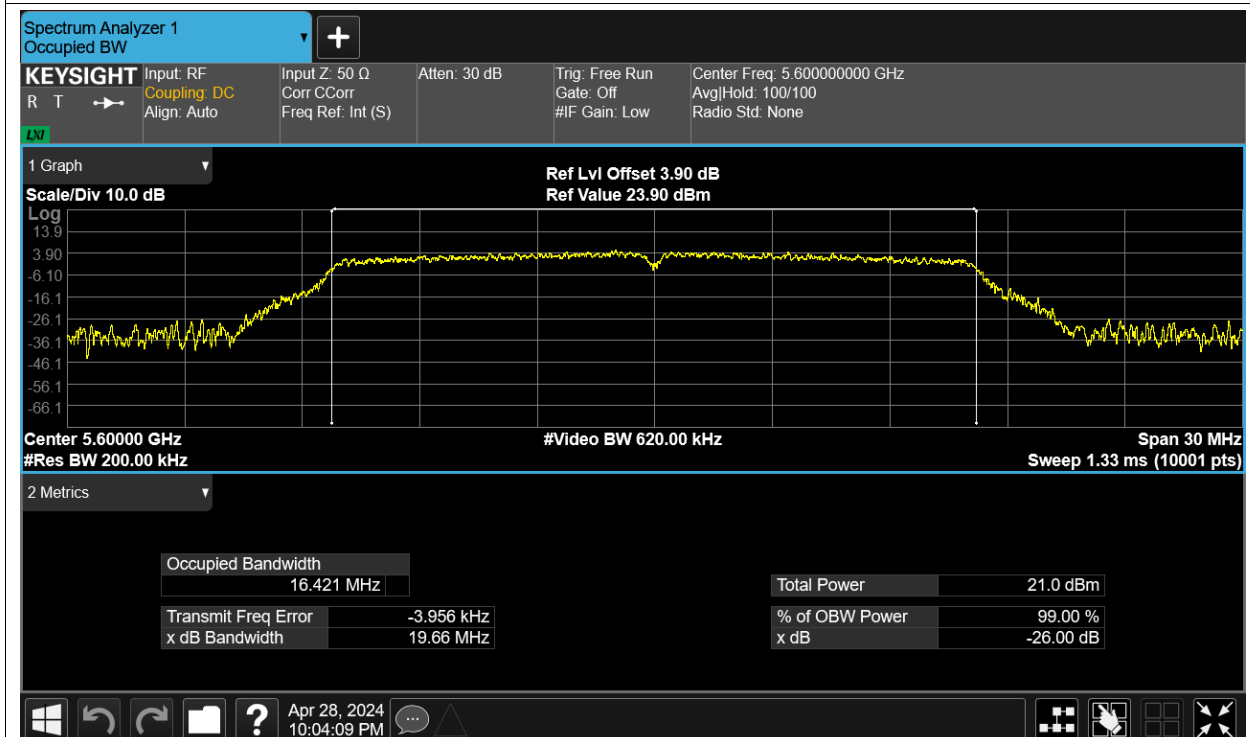
Condition	Mode	Frequency (MHz)	Antenna	99% OBW (MHz)
NVNT	a	5500	Ant14	16.448
NVNT	a	5600	Ant14	16.421
NVNT	a	5700	Ant14	16.429
NVNT	ac20	5500	Ant14	17.586
NVNT	ac20	5600	Ant14	17.531
NVNT	ac20	5700	Ant14	17.563
NVNT	ac40	5510	Ant14	35.977
NVNT	ac40	5590	Ant14	35.953
NVNT	ac40	5670	Ant14	35.935
NVNT	ac80	5530	Ant14	74.966
NVNT	ac80	5610	Ant14	75.038
NVNT	n20	5500	Ant14	17.582
NVNT	n20	5600	Ant14	17.561
NVNT	n20	5700	Ant14	17.565
NVNT	n40	5510	Ant14	35.951
NVNT	n40	5590	Ant14	35.934
NVNT	n40	5670	Ant14	35.94

Test Graphs

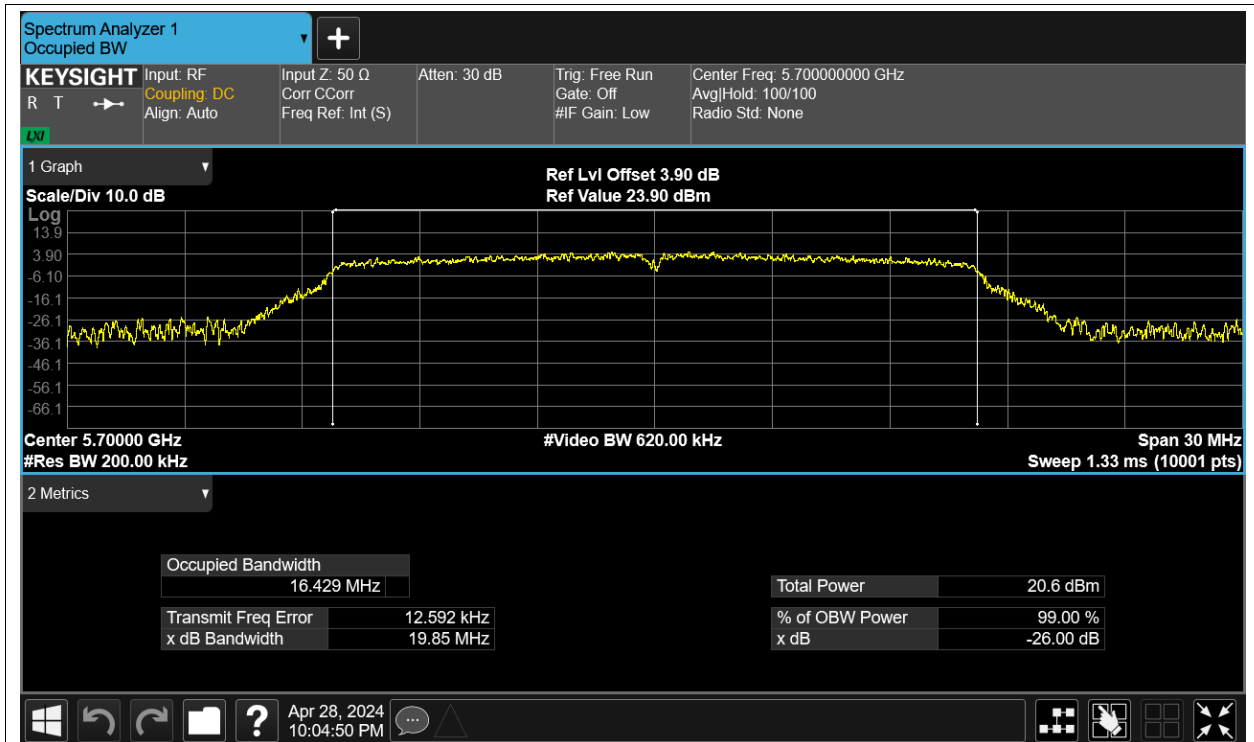
OBW NVNT a 5500MHz Ant14



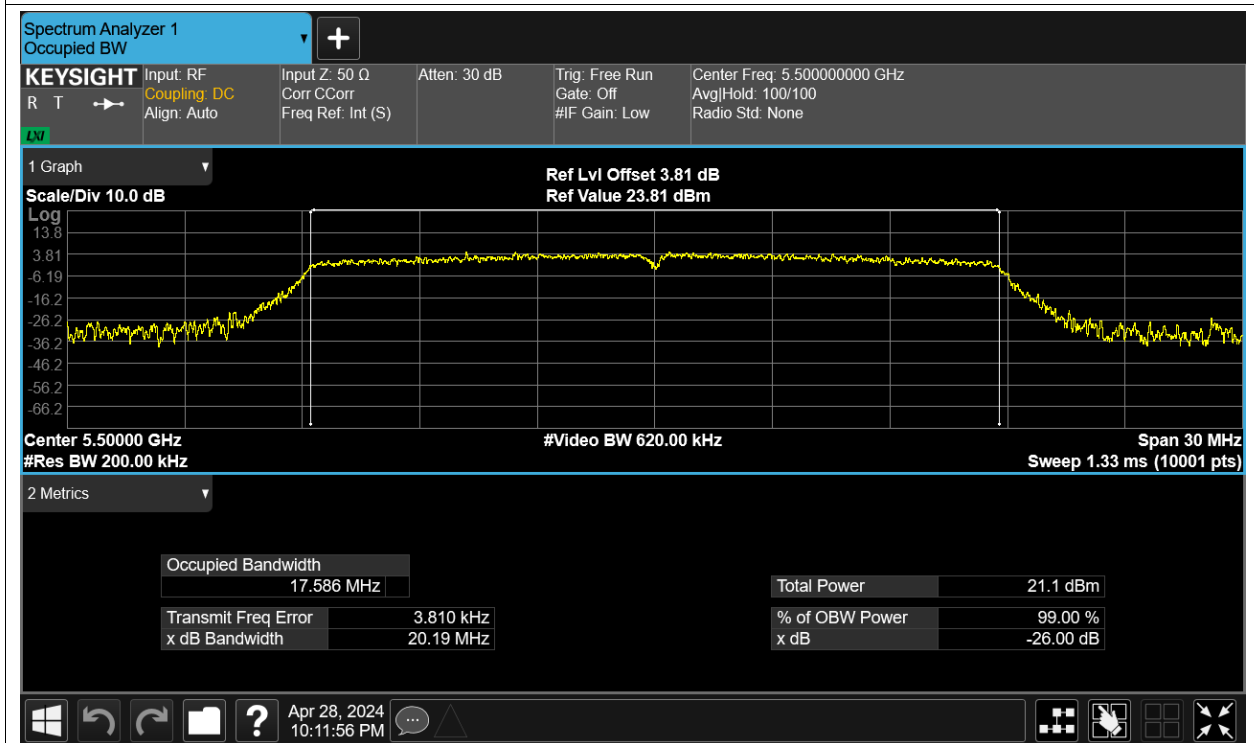
OBW NVNT a 5600MHz Ant14



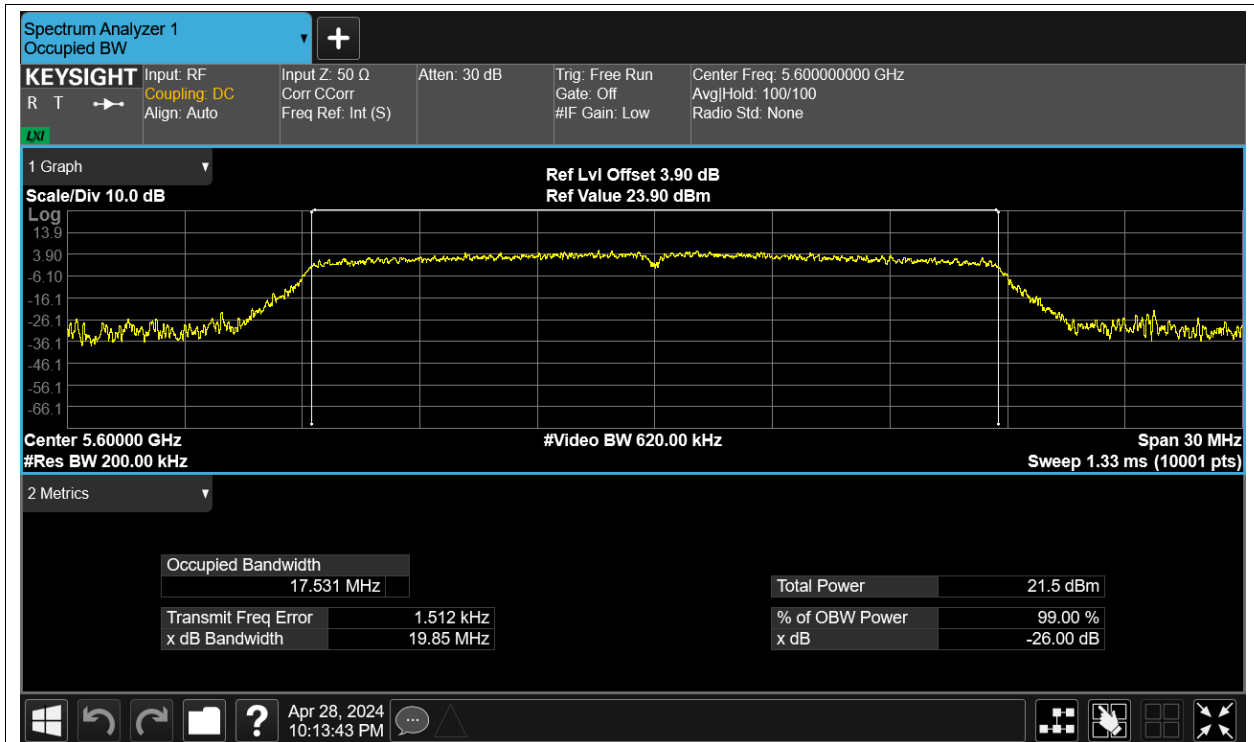
OBW NVNT a 5700MHz Ant14



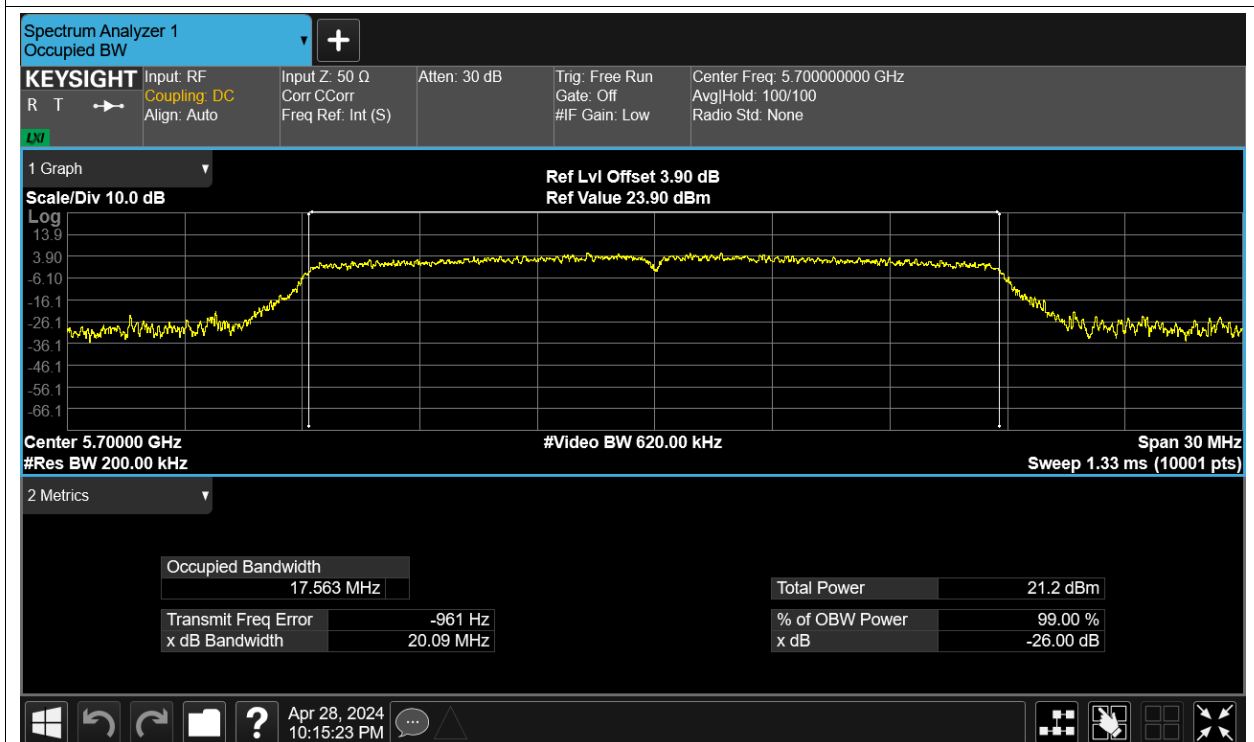
OBW NVNT ac20 5500MHz Ant14



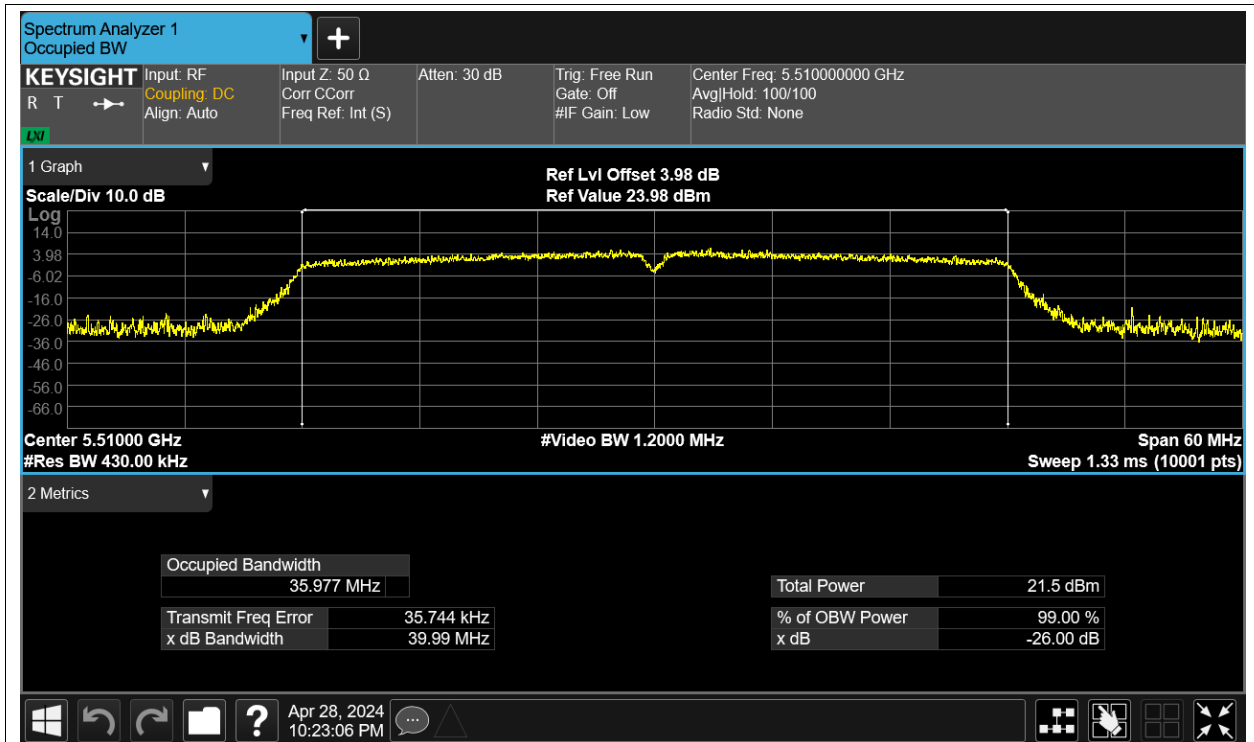
OBW NVNT ac20 5600MHz Ant14



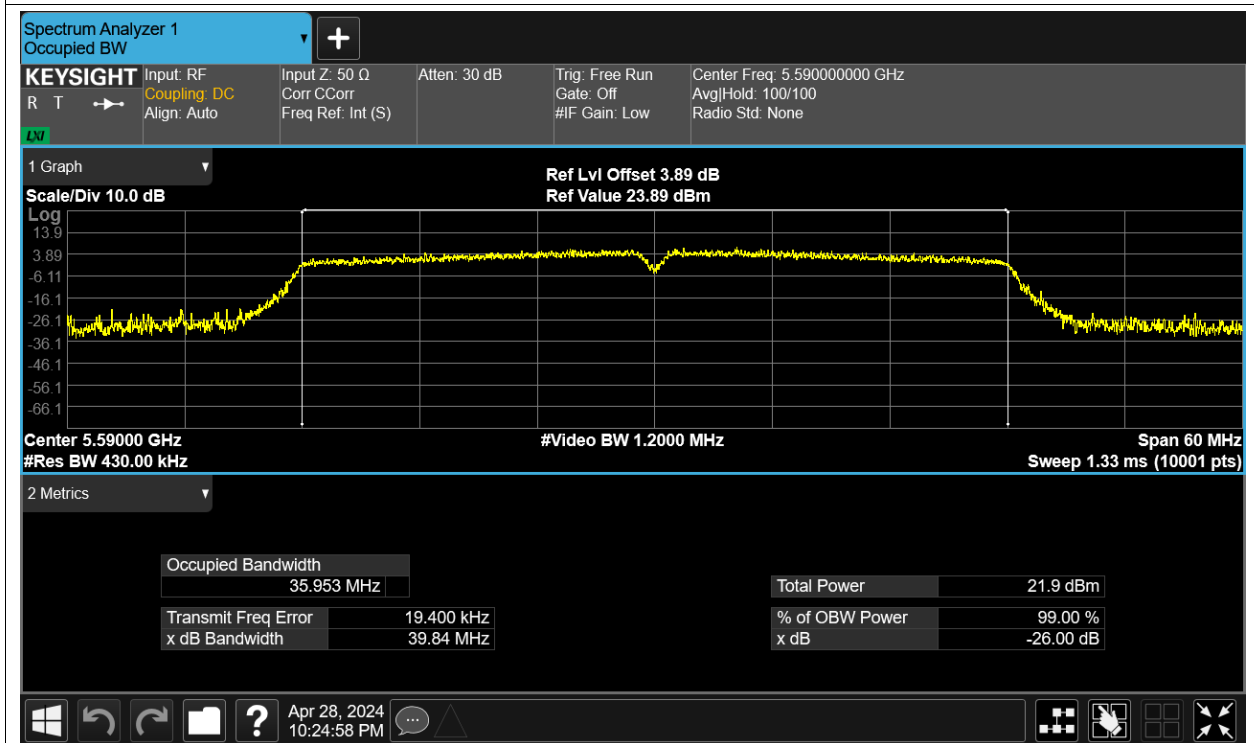
OBW NVNT ac20 5700MHz Ant14



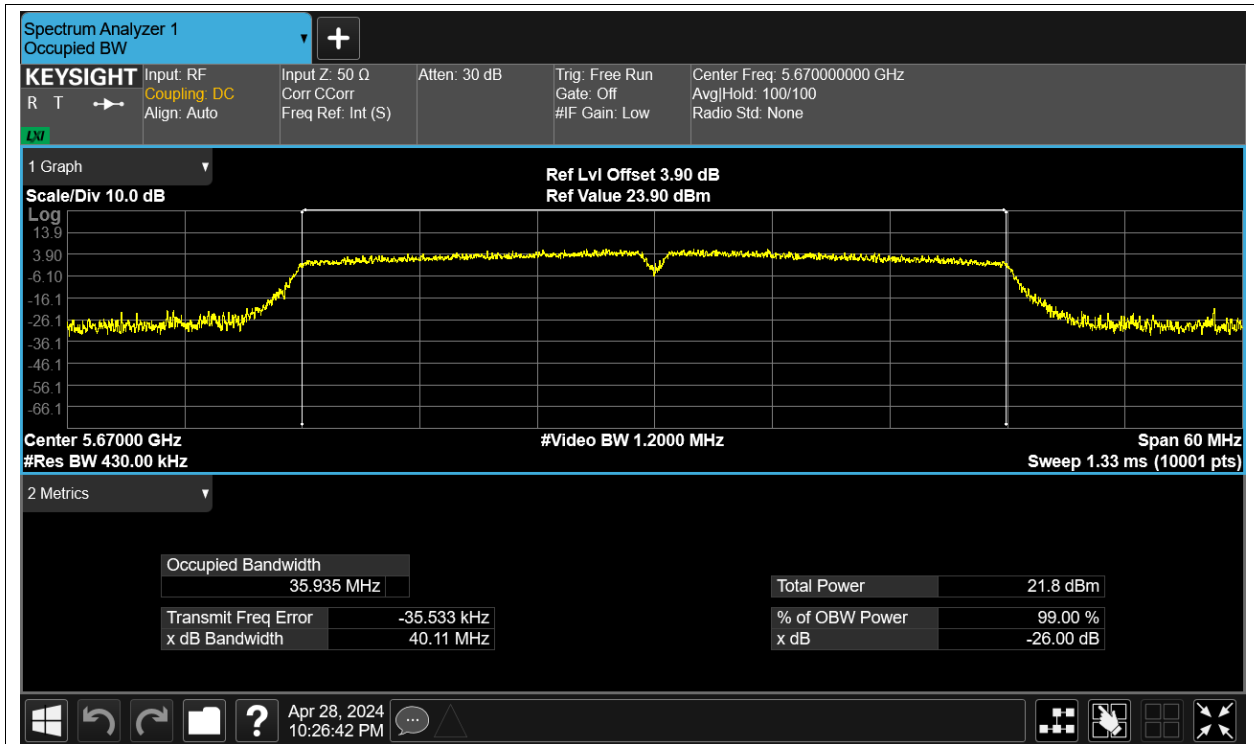
OBW NVNT ac40 5510MHz Ant14



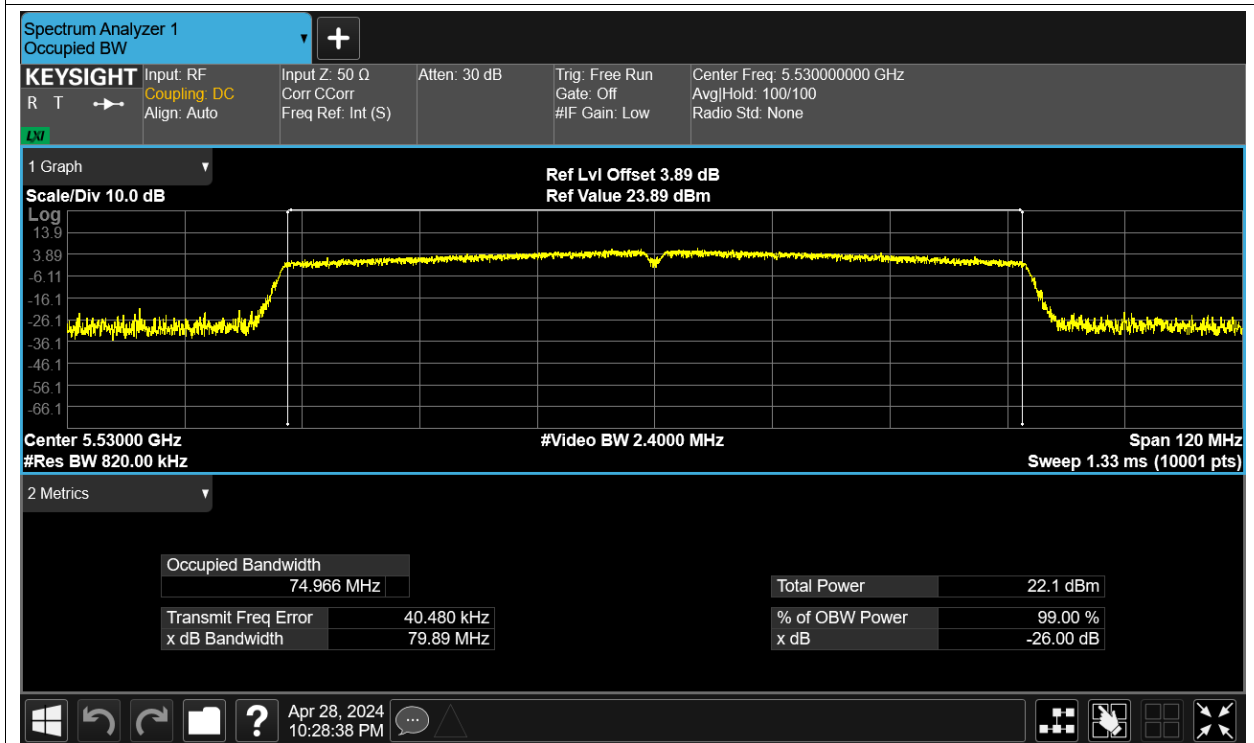
OBW NVNT ac40 5590MHz Ant14



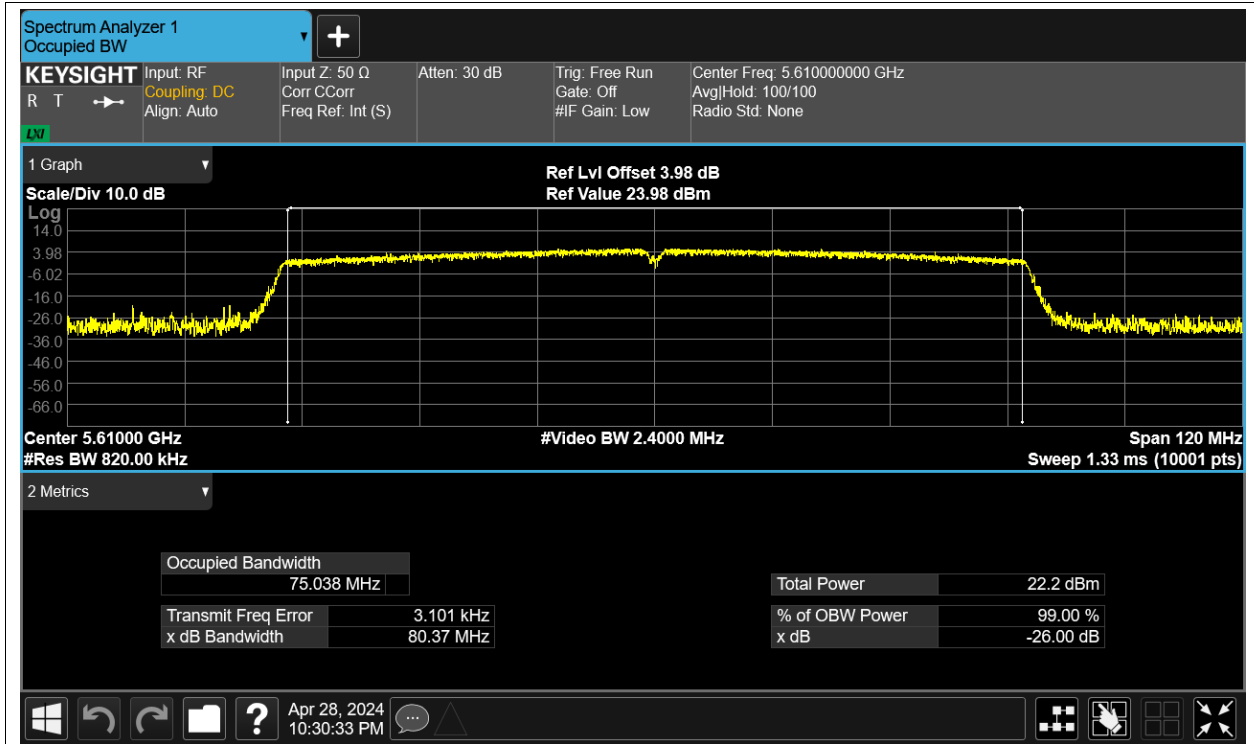
OBW NVNT ac40 5670MHz Ant14



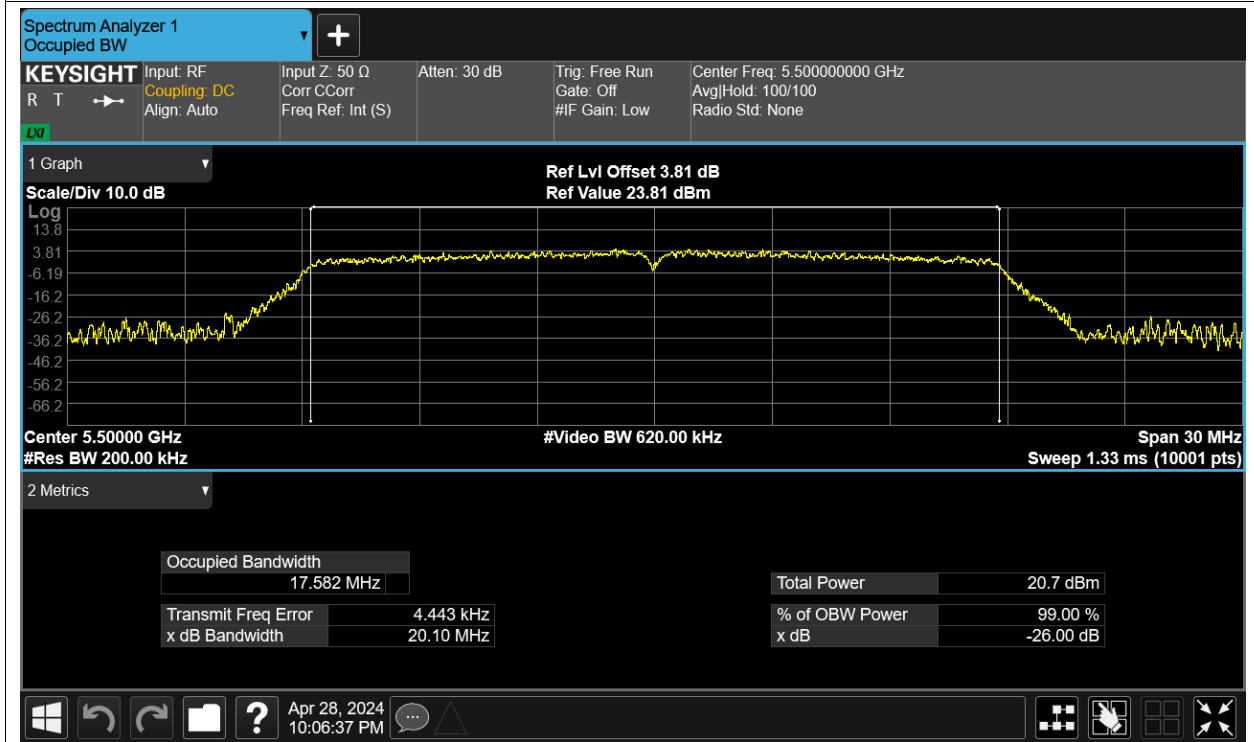
OBW NVNT ac80 5530MHz Ant14



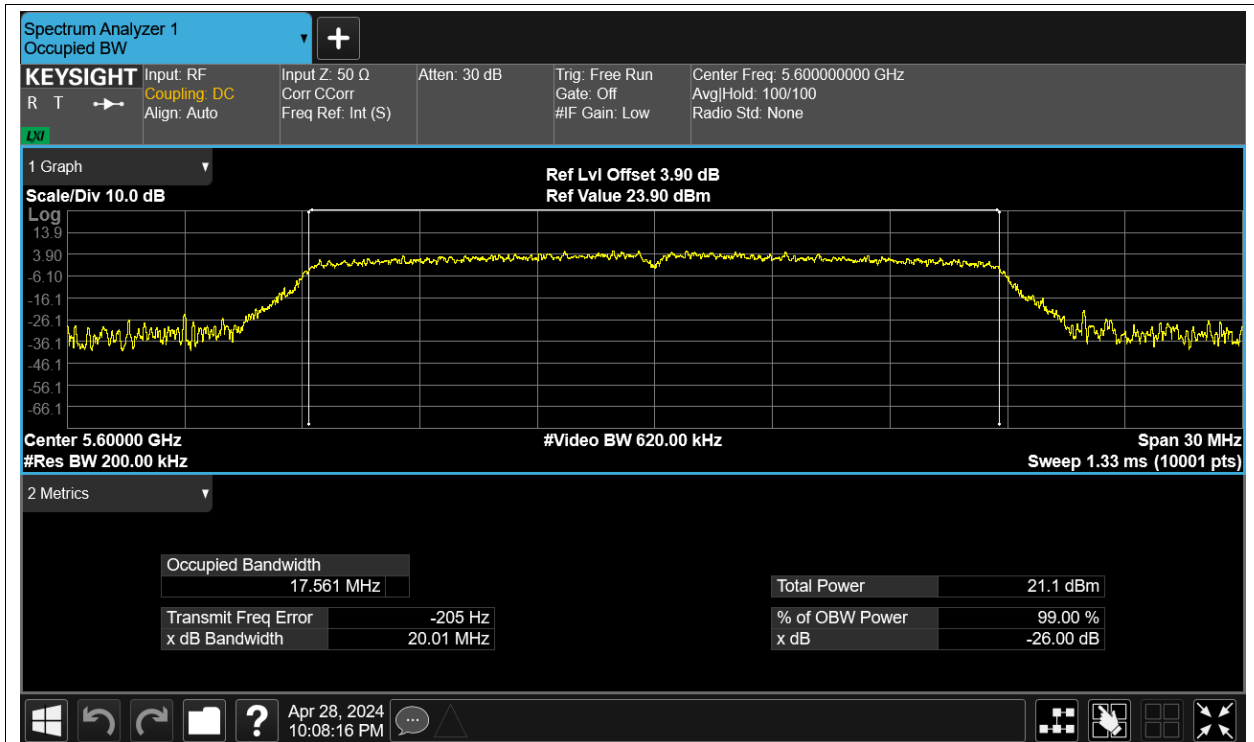
OBW NVNT ac80 5610MHz Ant14



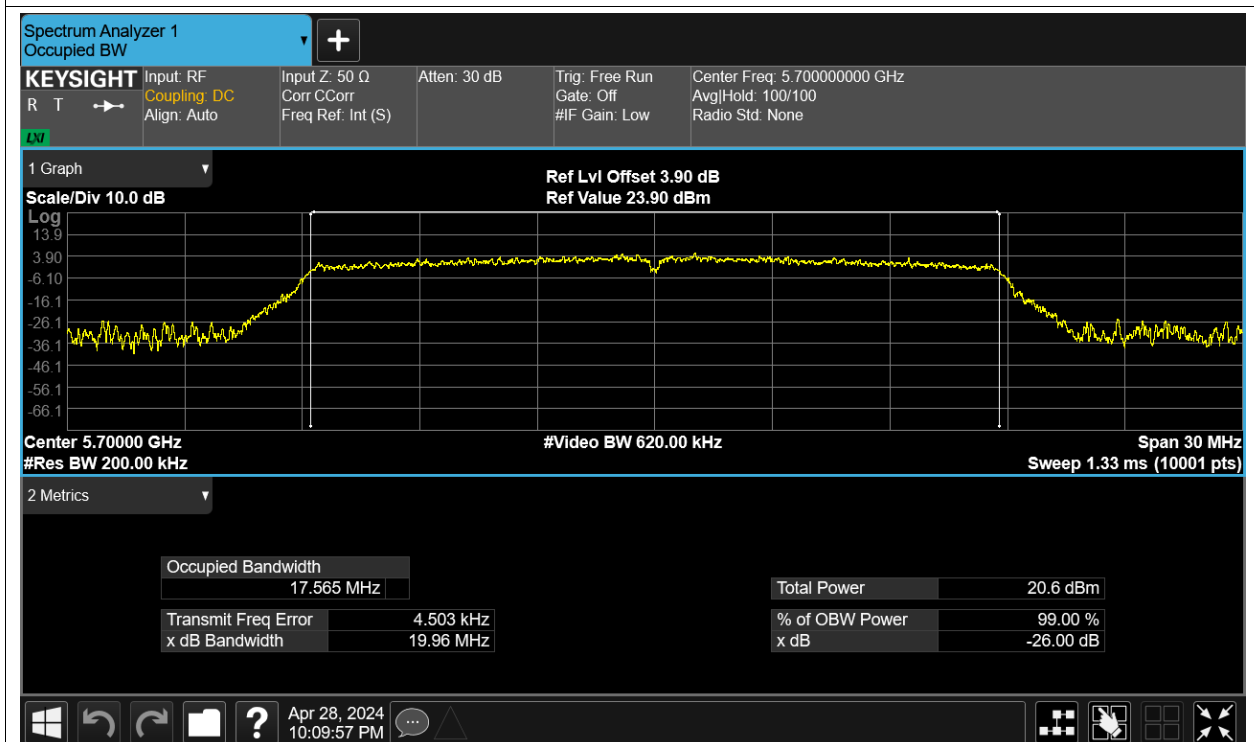
OBW NVNT n20 5500MHz Ant14



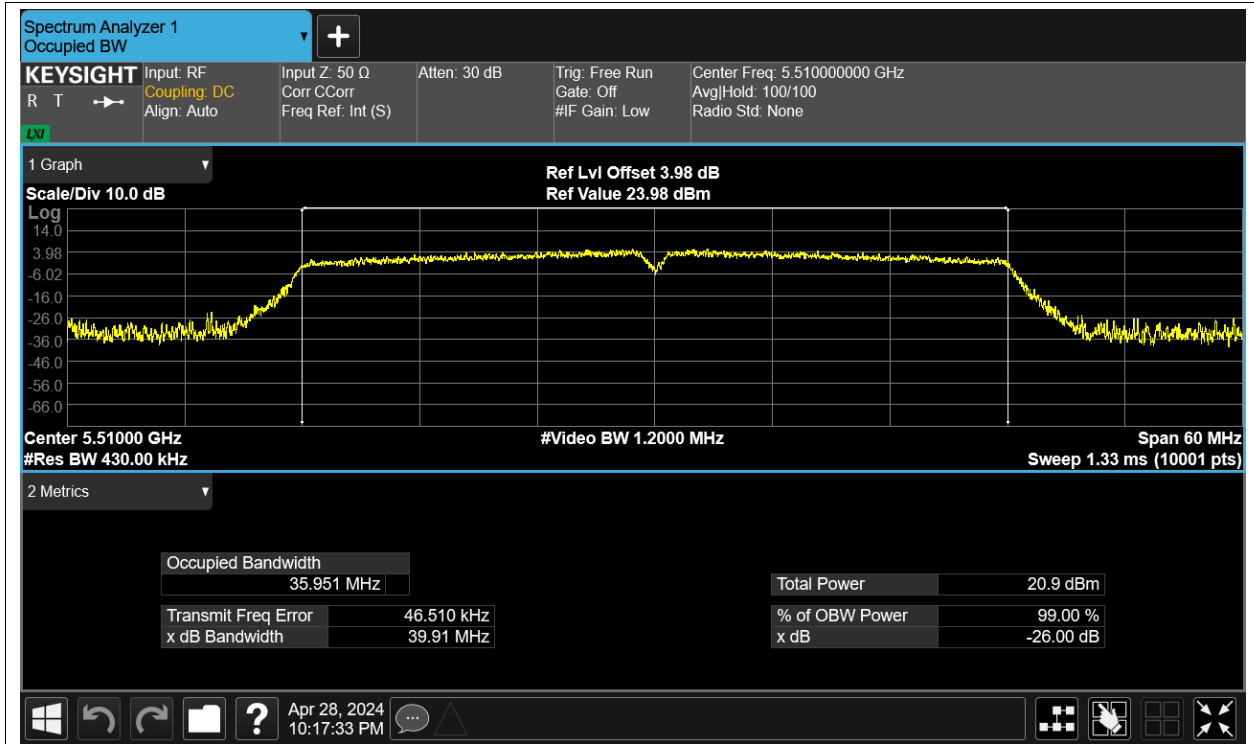
OBW NVNT n20 5600MHz Ant14



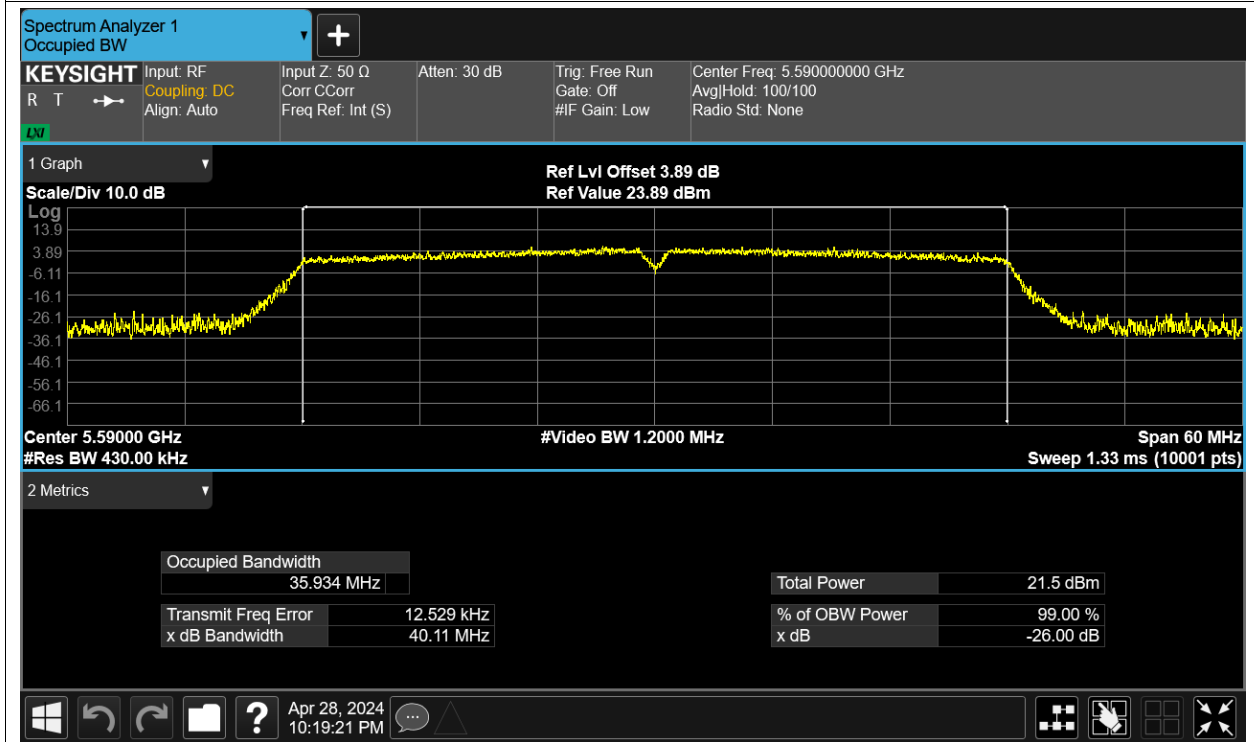
OBW NVNT n20 5700MHz Ant14



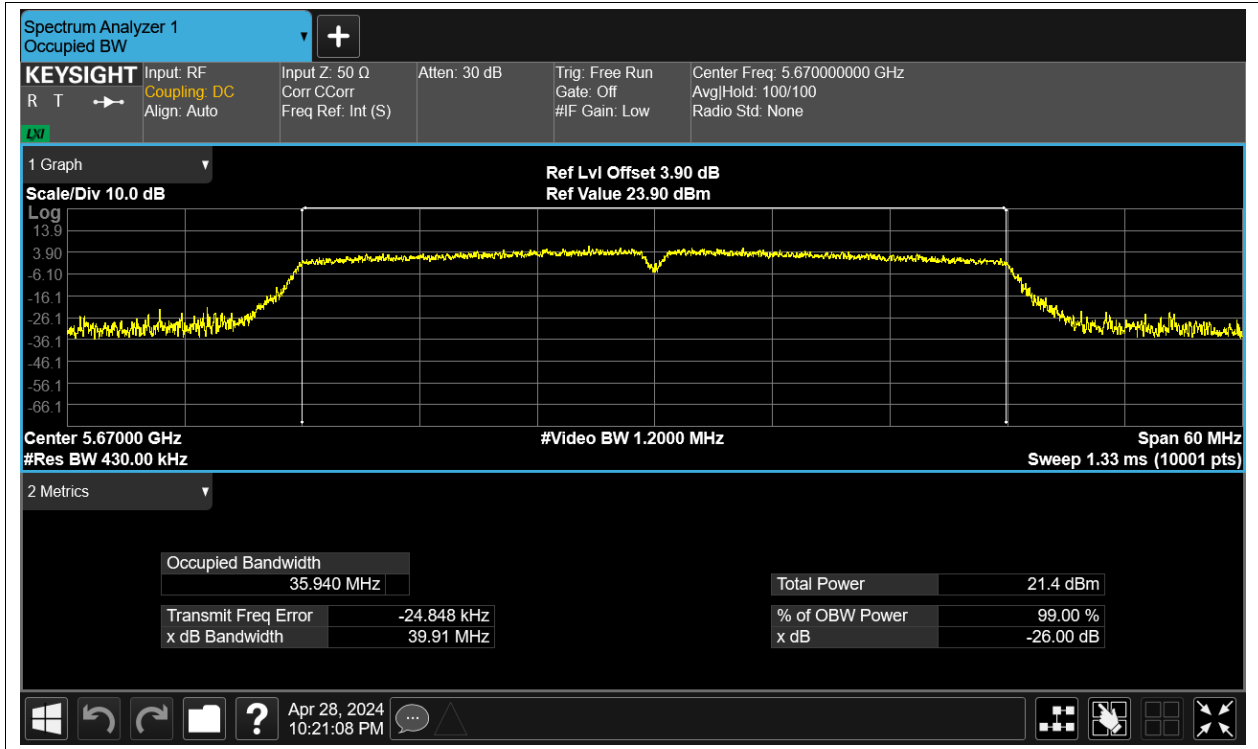
OBW NVNT n40 5510MHz Ant14



OBW NVNT n40 5590MHz Ant14



OBW NVNT n40 5670MHz Ant14

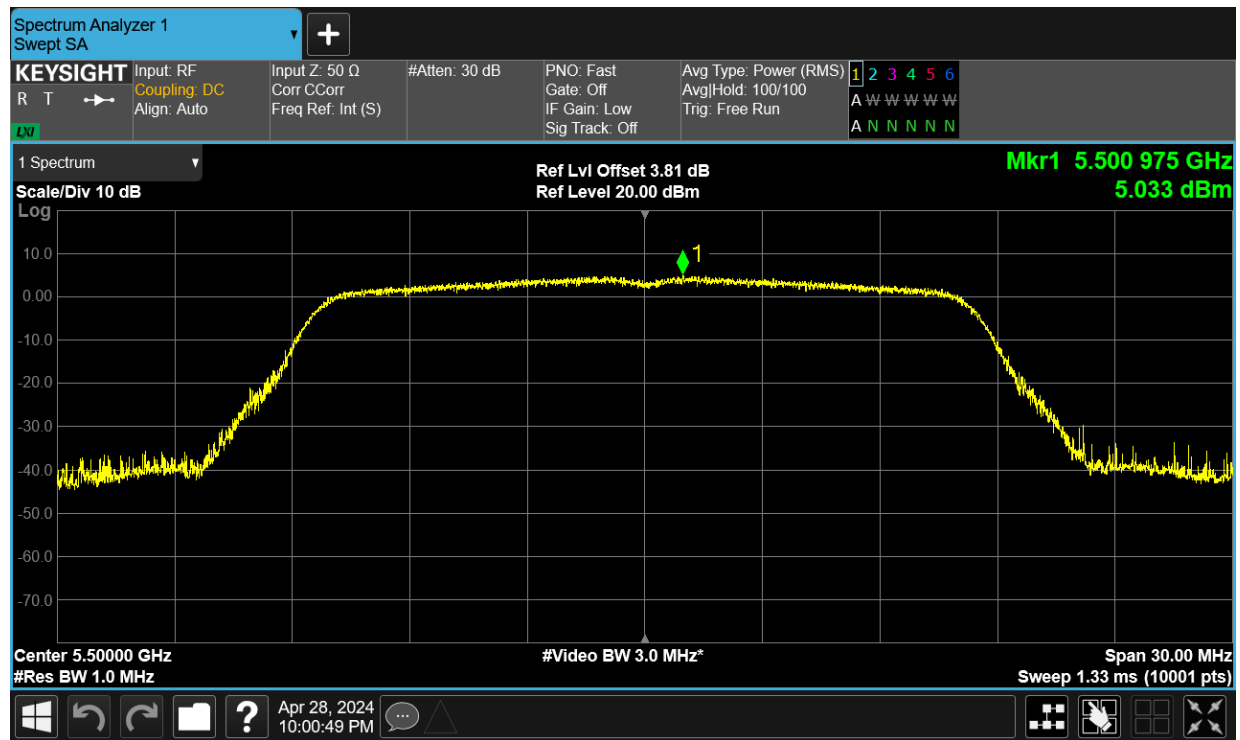


Maximum Power Spectral Density Level

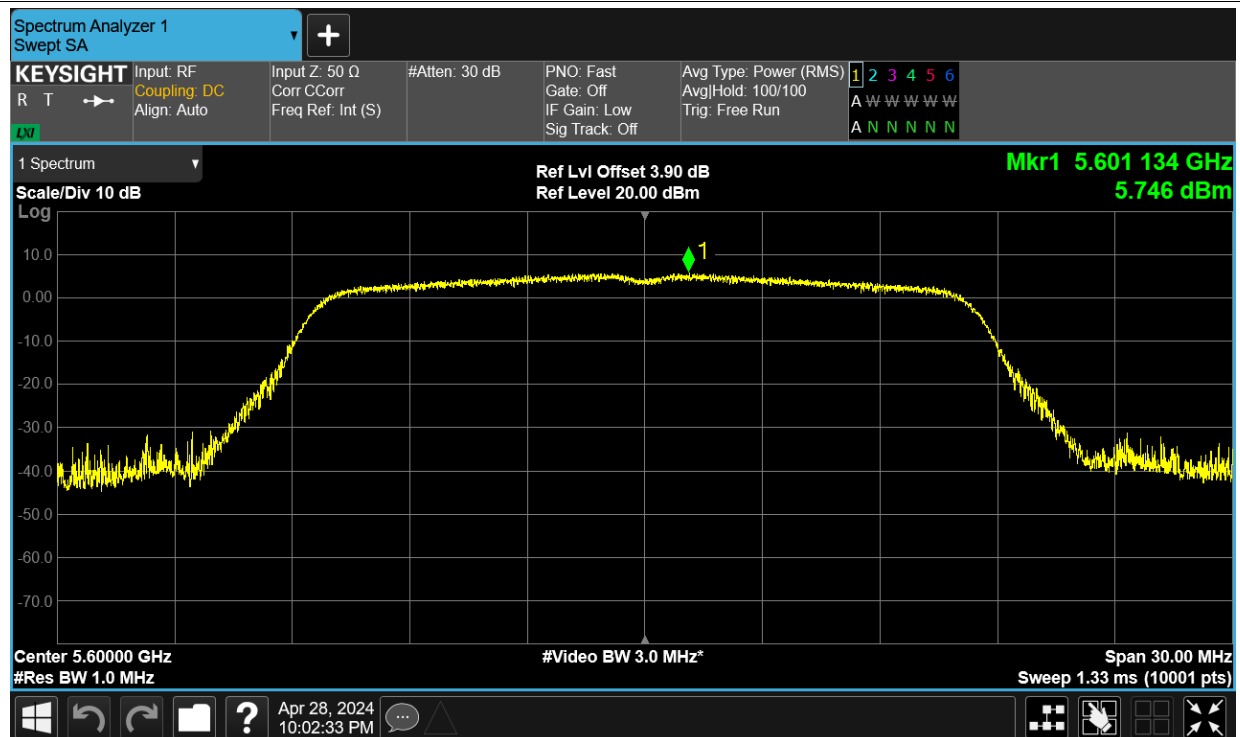
Condition	Mode	Frequency (MHz)	Antenna	Max PSD (dBm)	Limit (dBm)	Verdict
NVNT	a	5500	Ant14	5.033	11	Pass
NVNT	a	5600	Ant14	5.746	11	Pass
NVNT	a	5700	Ant14	5.673	11	Pass
NVNT	ac20	5500	Ant14	5.856	11	Pass
NVNT	ac20	5600	Ant14	6.441	11	Pass
NVNT	ac20	5700	Ant14	5.869	11	Pass
NVNT	ac40	5510	Ant14	3.106	11	Pass
NVNT	ac40	5590	Ant14	3.638	11	Pass
NVNT	ac40	5670	Ant14	3.592	11	Pass
NVNT	ac80	5530	Ant14	0.034	11	Pass
NVNT	ac80	5610	Ant14	-0.075	11	Pass
NVNT	n20	5500	Ant14	5.122	11	Pass
NVNT	n20	5600	Ant14	5.802	11	Pass
NVNT	n20	5700	Ant14	5.388	11	Pass
NVNT	n40	5510	Ant14	2.549	11	Pass
NVNT	n40	5590	Ant14	2.967	11	Pass
NVNT	n40	5667	Ant14	2.956	11	Pass

Test Graphs

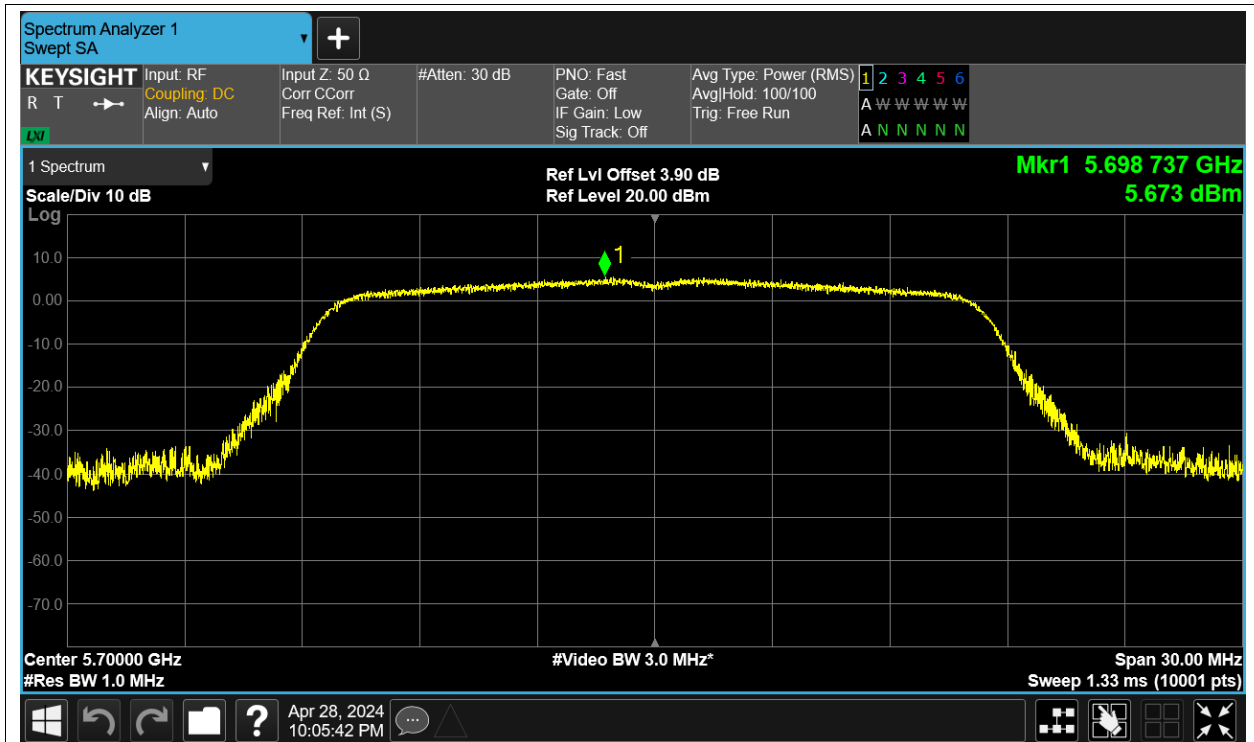
PSD NVNT a 5500MHz Ant14



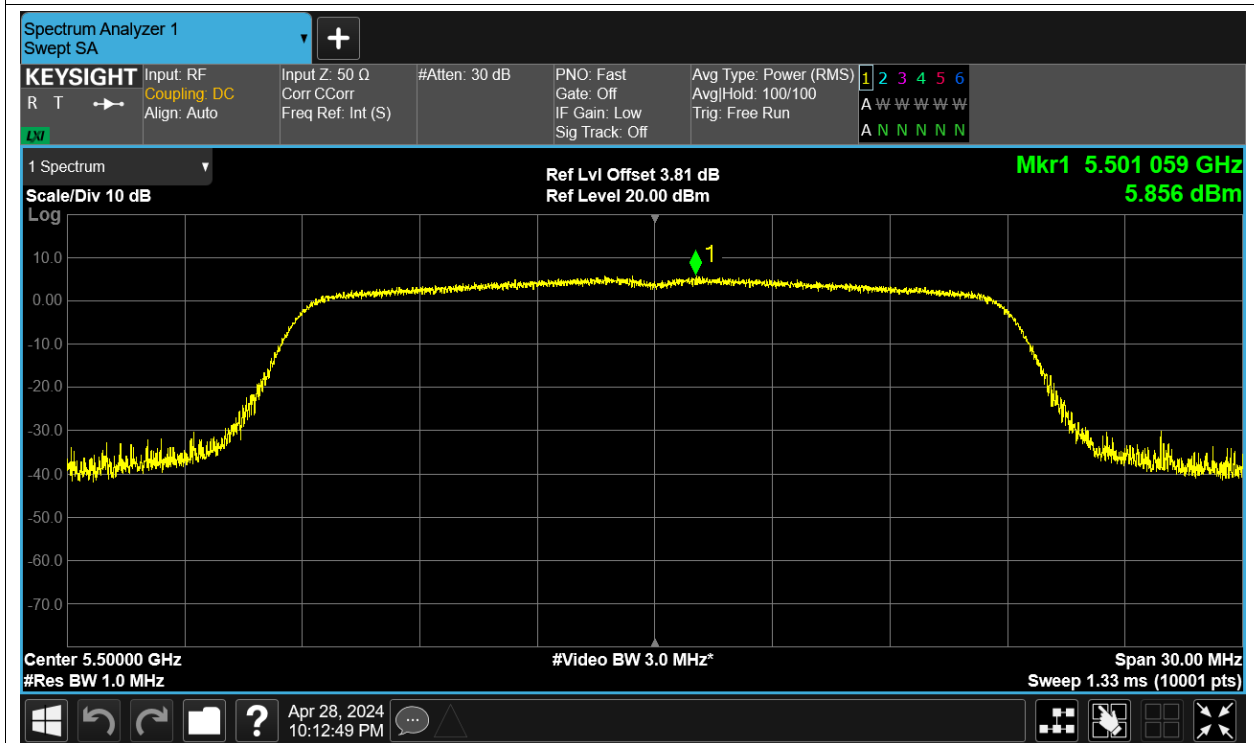
PSD NVNT a 5600MHz Ant14



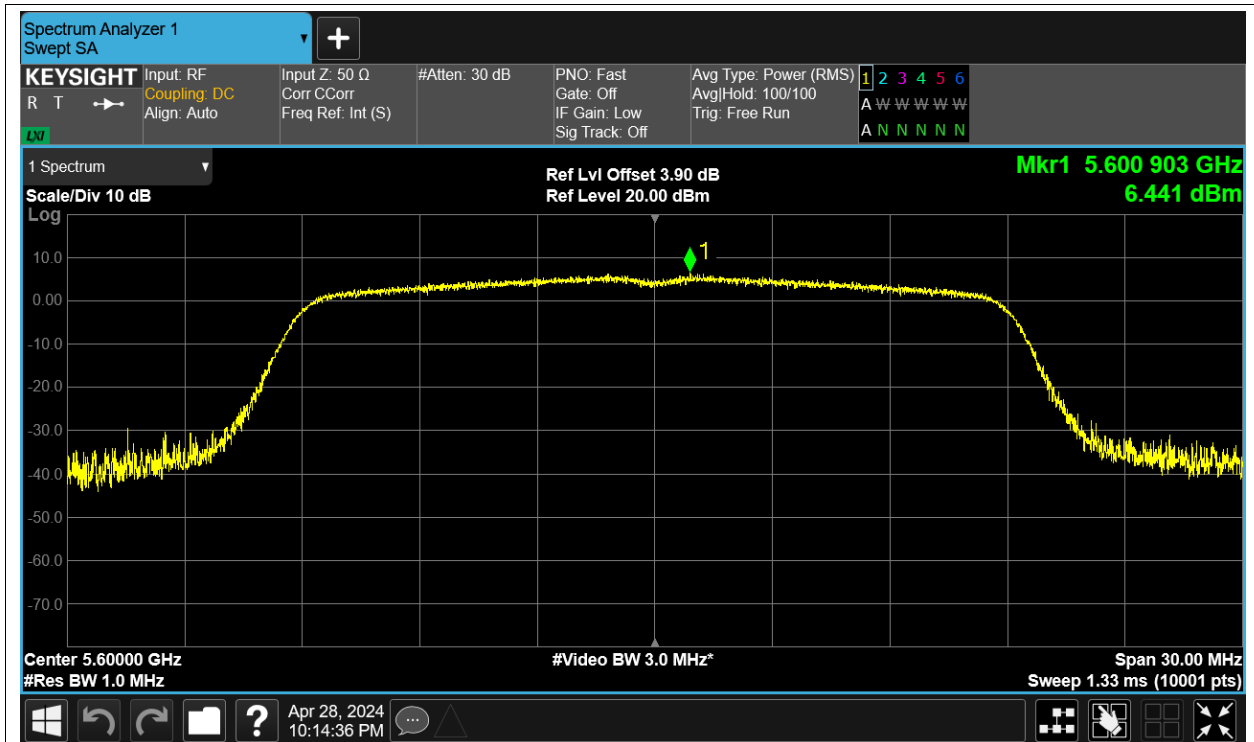
PSD NVNT a 5700MHz Ant14



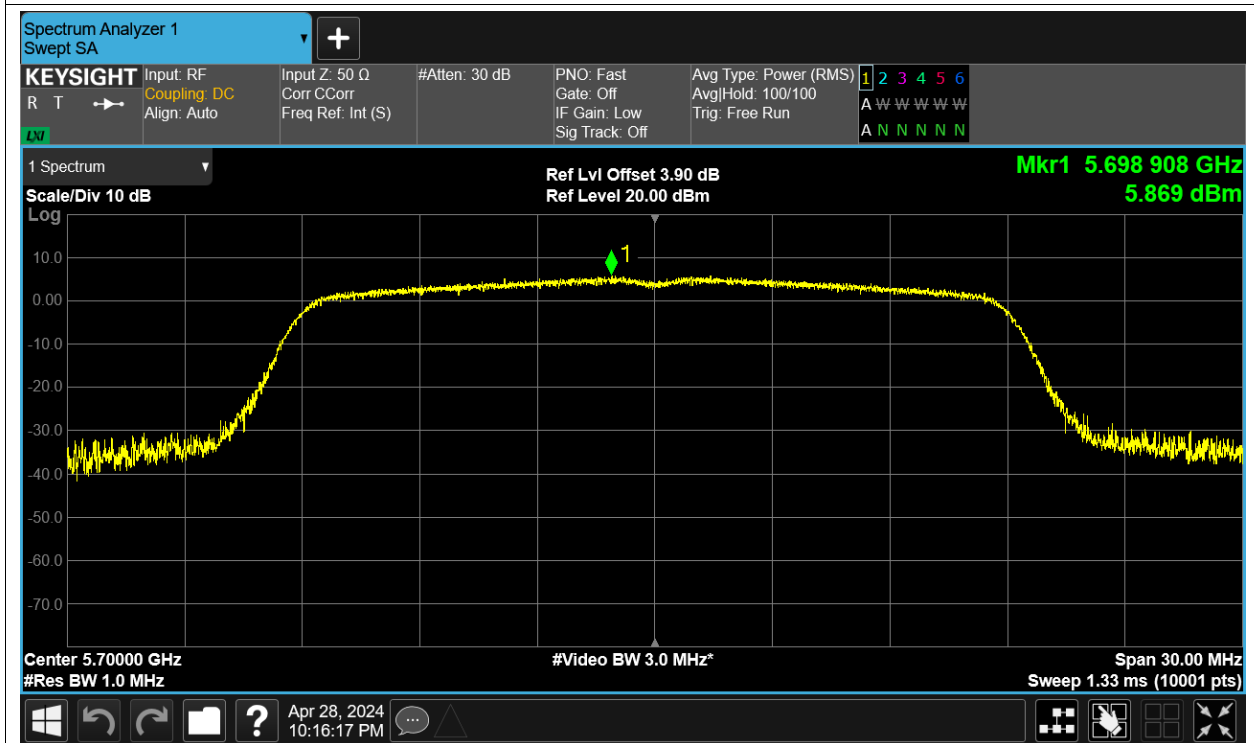
PSD NVNT ac20 5500MHz Ant14



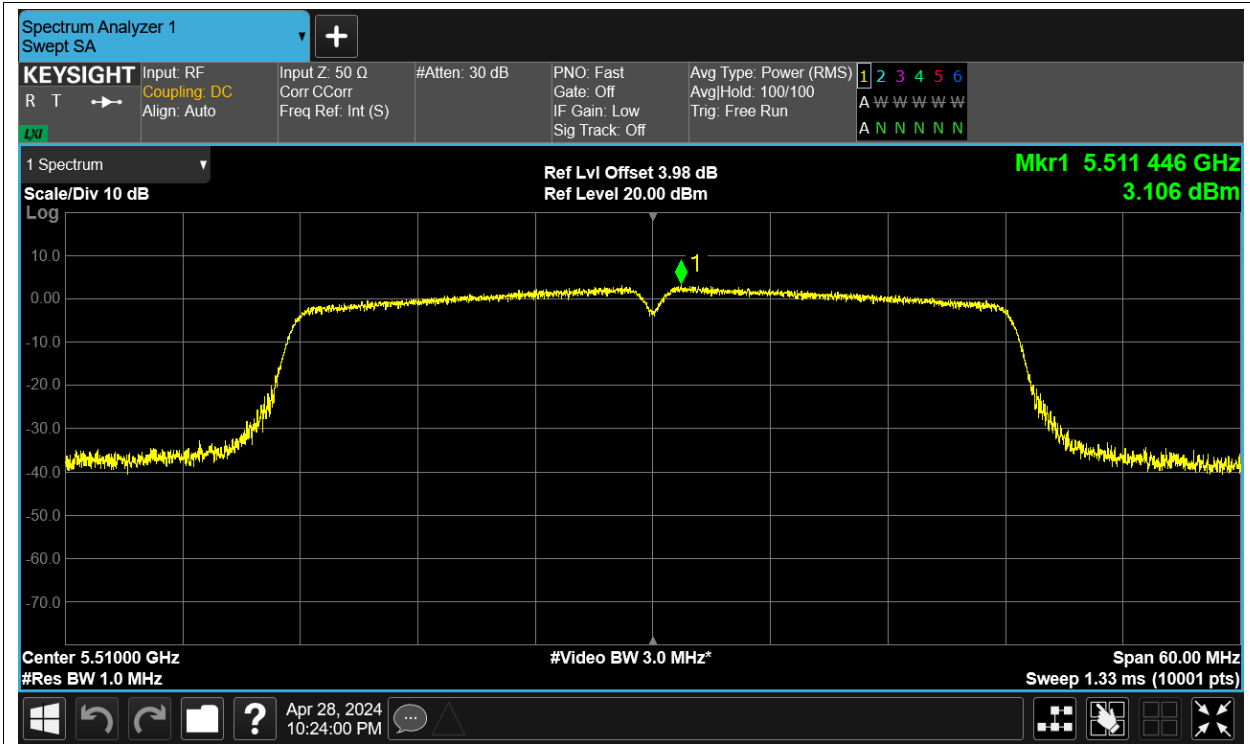
PSD NVNT ac20 5600MHz Ant14



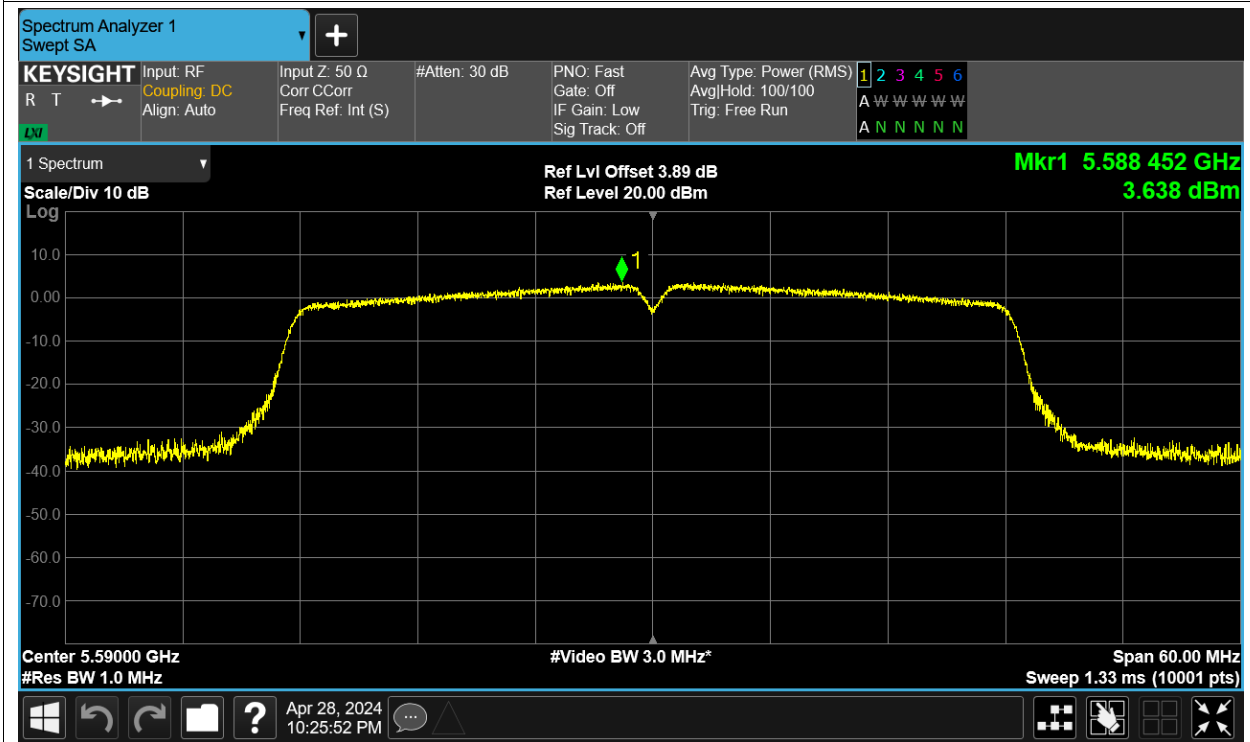
PSD NVNT ac20 5700MHz Ant14



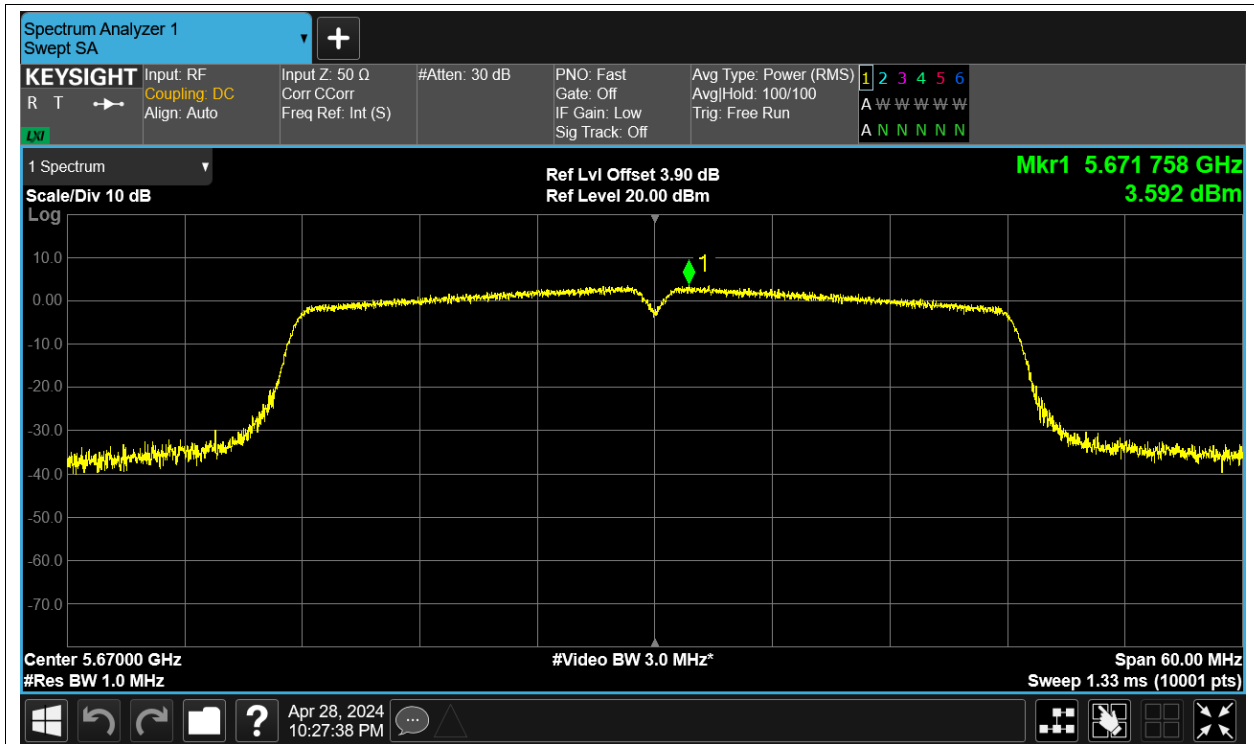
PSD NVNT ac40 5510MHz Ant14



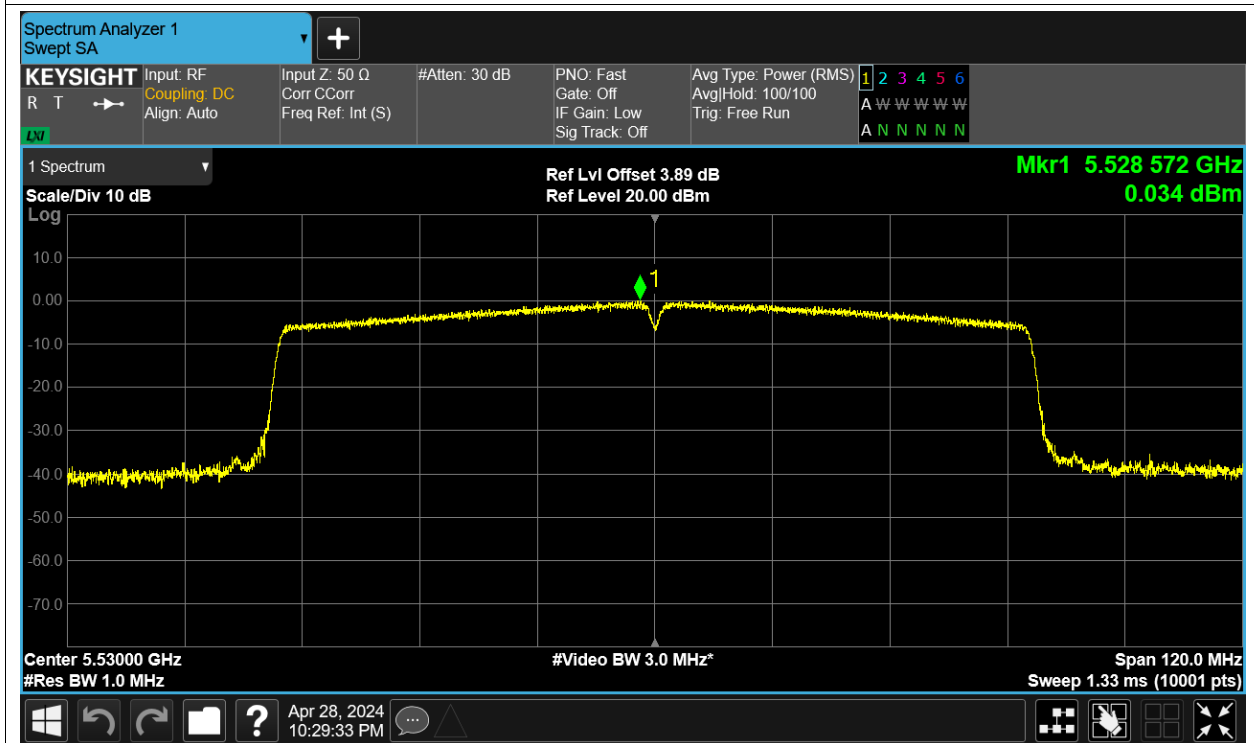
PSD NVNT ac40 5590MHz Ant14



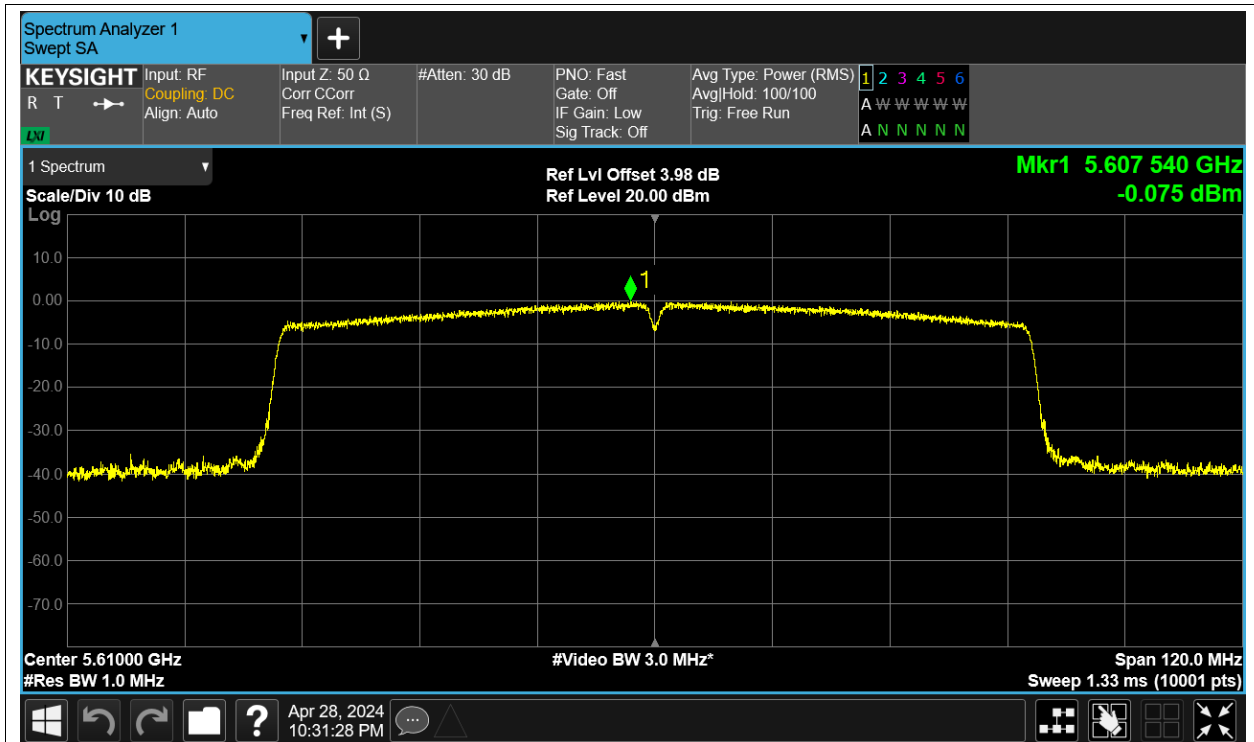
PSD NVNT ac40 5670MHz Ant14



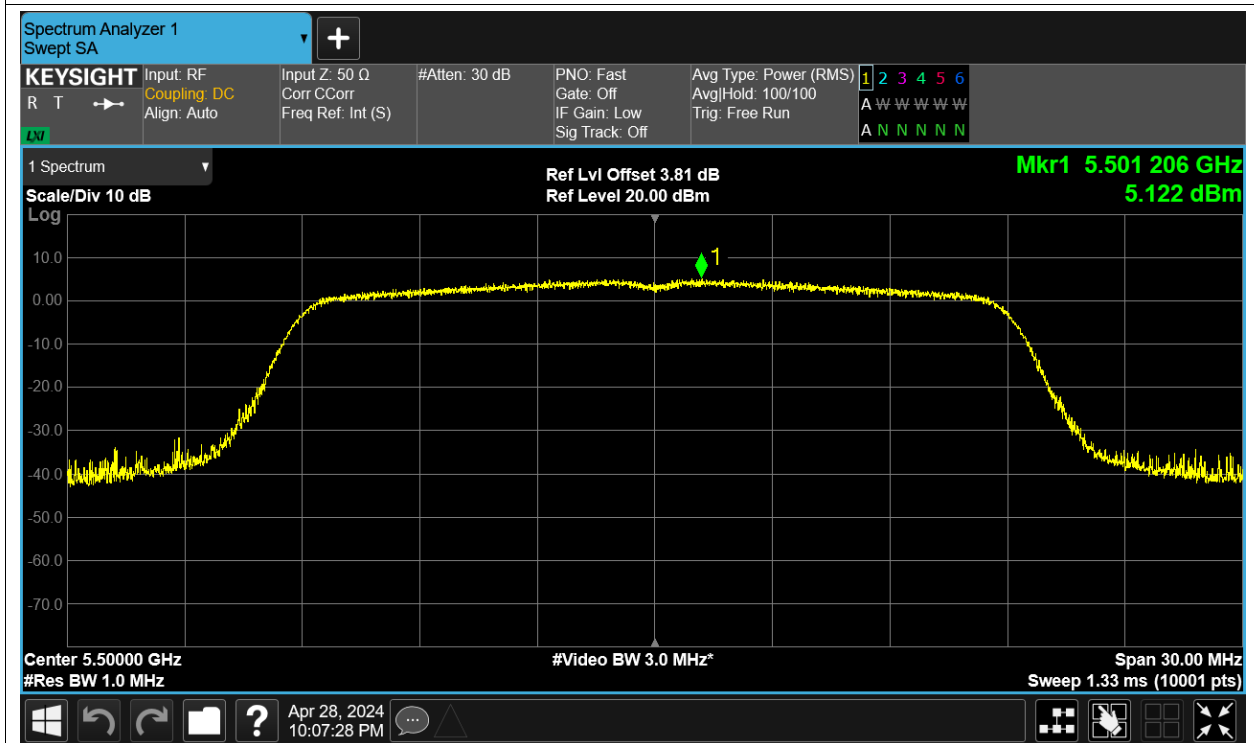
PSD NVNT ac80 5530MHz Ant14



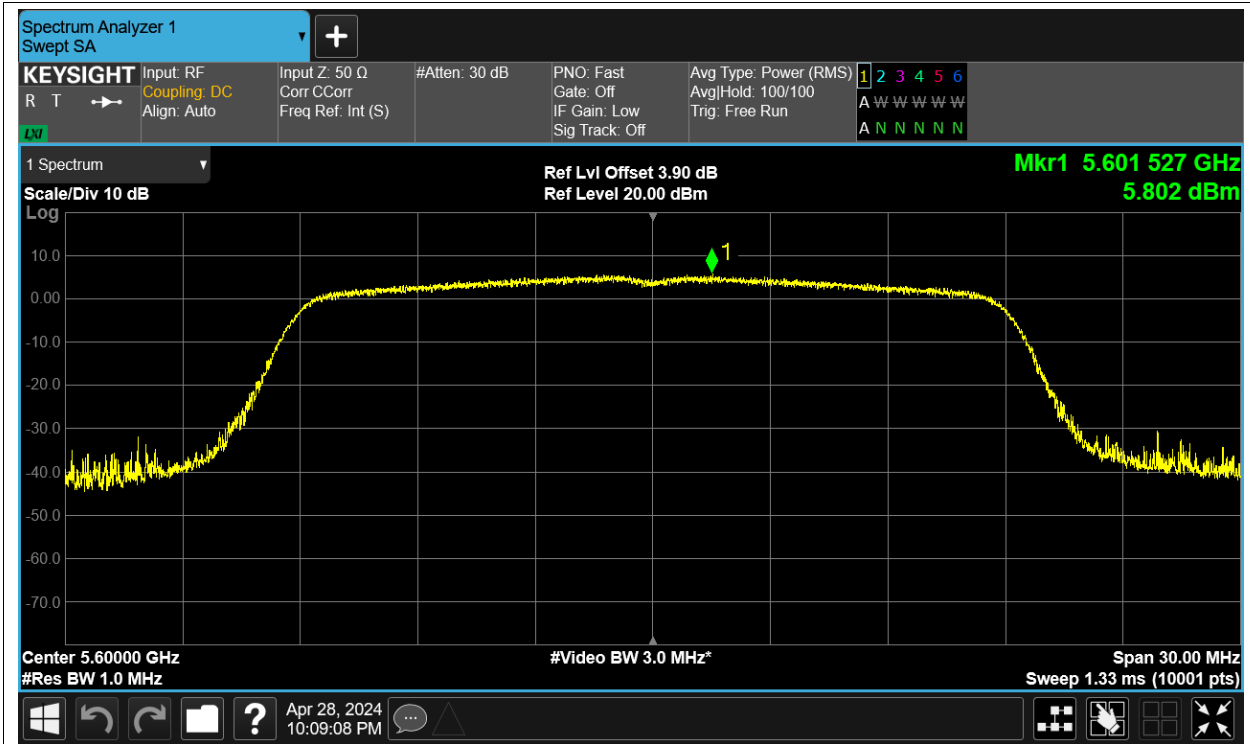
PSD NVNT ac80 5610MHz Ant14



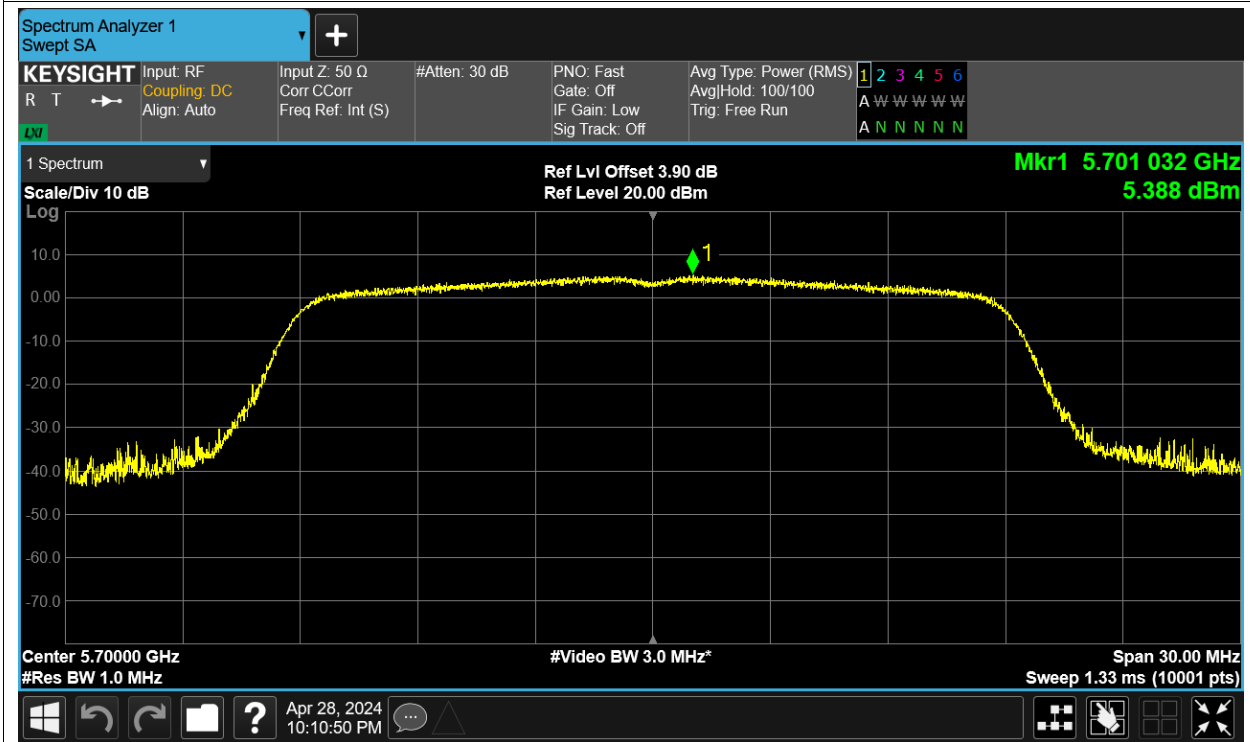
PSD NVNT n20 5500MHz Ant14



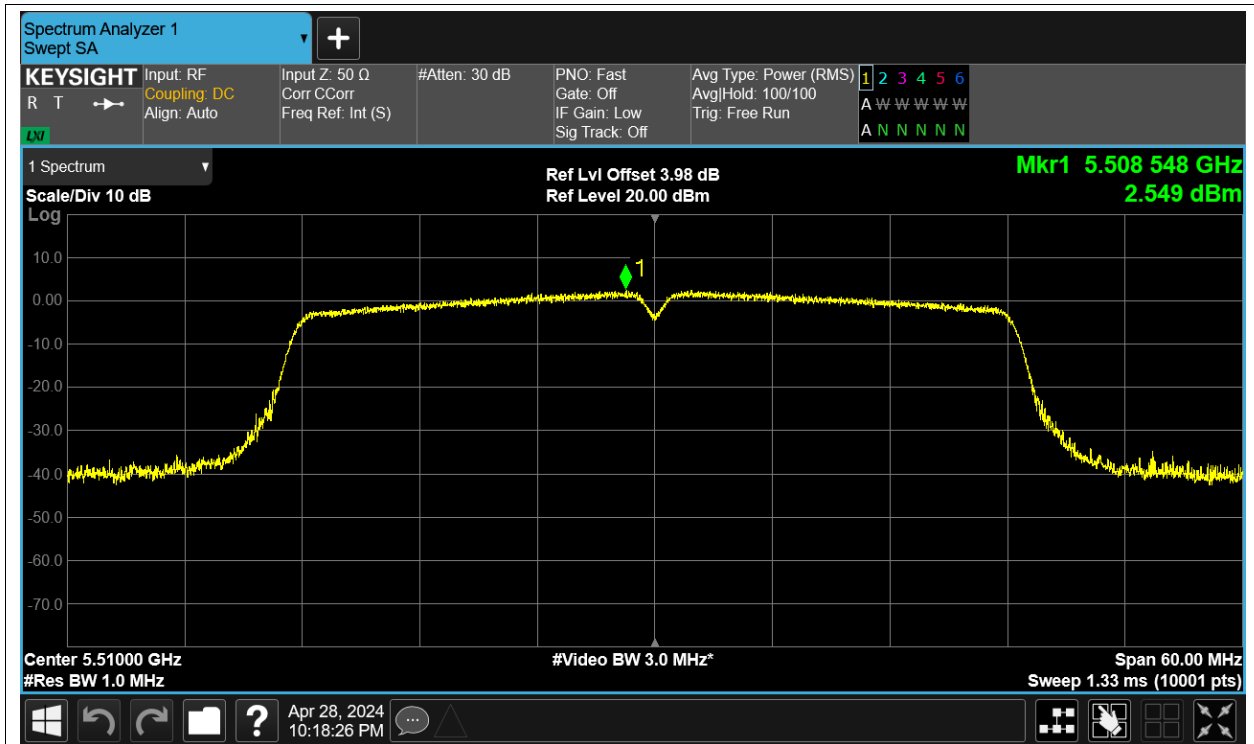
PSD NVNT n20 5600MHz Ant14



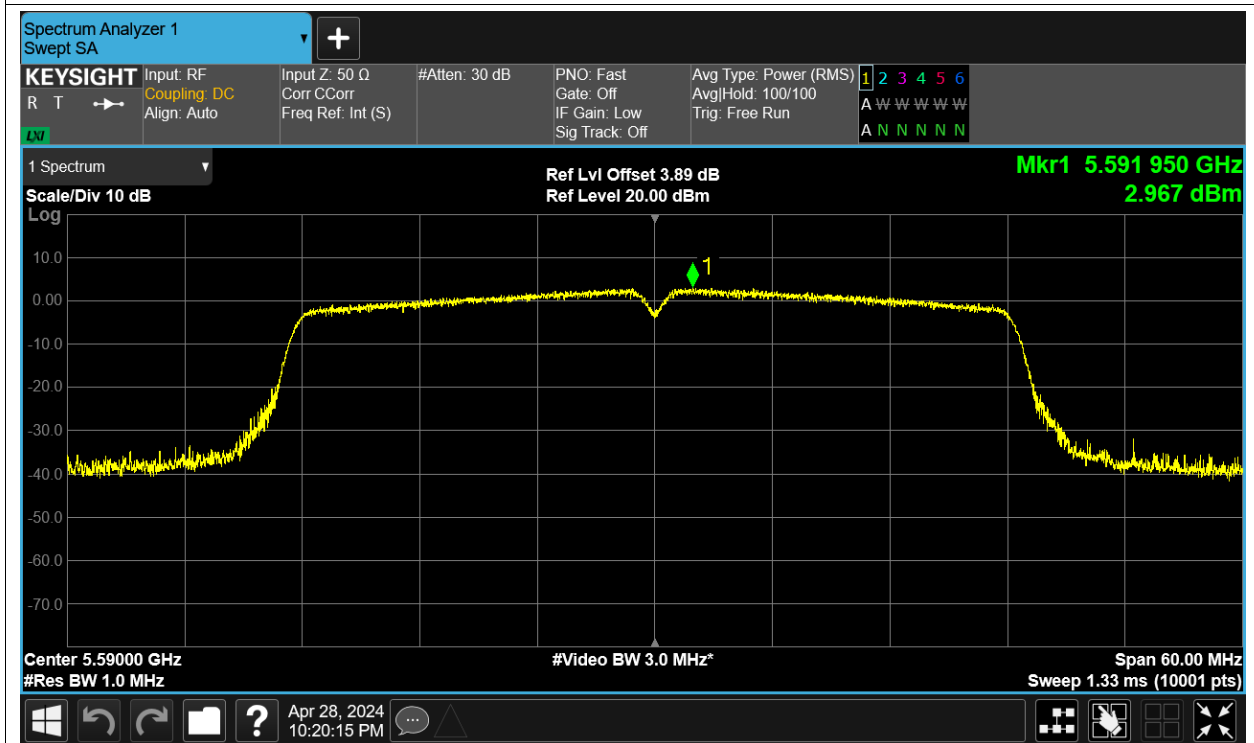
PSD NVNT n20 5700MHz Ant14



PSD NVNT n40 5510MHz Ant14



PSD NVNT n40 5590MHz Ant14



PSD NVNT n40 5667MHz Ant14

