

Test Data

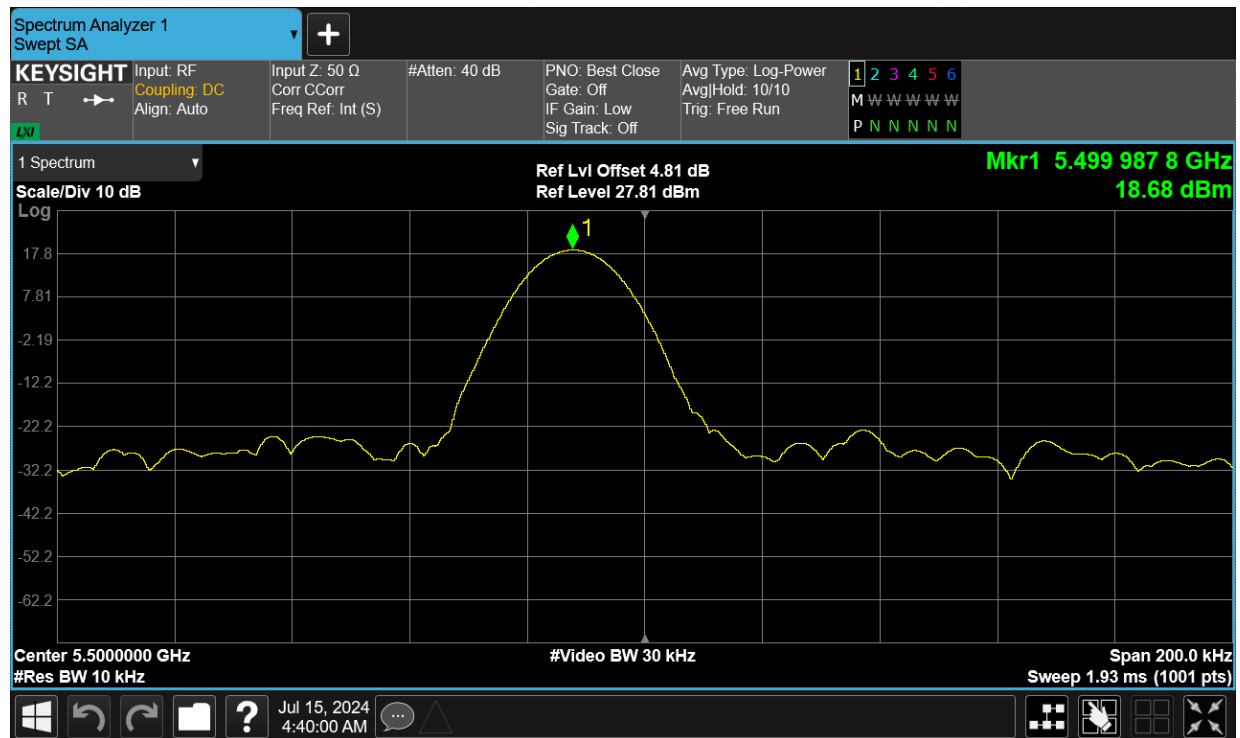
Frequency Stability

Condition	Mode	Frequency (MHz)	Antenna	Measured Frequency (MHz)	Deviation (ppm)	Limit (ppm)	Verdict
HVNT	a	5500	Ant14	5499.9878	-2.22	Within authorized band	Pass
LVNT	a	5500	Ant14	5499.9878	-2.22		Pass
NVHT	a	5500	Ant14	5499.9882	-2.15		Pass
NVLT	a	5500	Ant14	5499.9884	-2.11		Pass
NVNT	a	5500	Ant14	5499.9886	-2.07		Pass
HVNT	ac80	5530	Ant14	5529.9882	-2.13		Pass
LVNT	ac80	5530	Ant14	5529.9884	-2.1		Pass
NVHT	ac80	5530	Ant14	5529.9884	-2.1		Pass
NVLT	ac80	5530	Ant14	5529.9886	-2.06		Pass
NVNT	ac80	5530	Ant14	5529.9888	-2.03		Pass
HVNT	n40	5510	Ant14	5509.9882	-2.14		Pass
LVNT	n40	5510	Ant14	5509.9884	-2.11		Pass
NVHT	n40	5510	Ant14	5509.9882	-2.14		Pass
NVNT	n40	5510	Ant14	5509.9886	-2.07		Pass

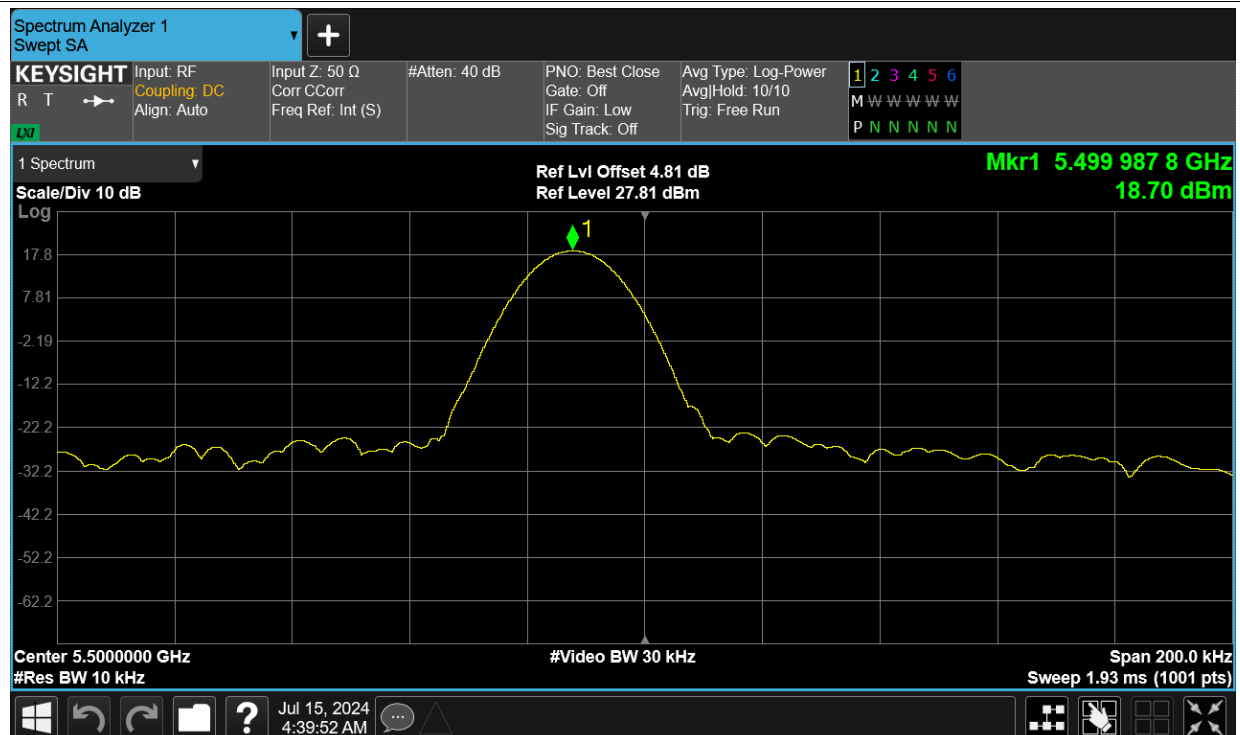
Remark: "NTNV" means Normal Temperature Normal Voltage, "NVHT" means Normal Voltage High Temperature, "NVLT" means Normal Voltage Low Temperature, "LVNT" means Low Voltage Normal Temperature, "HVNT" means High Voltage Normal Temperature.

Test Graphs

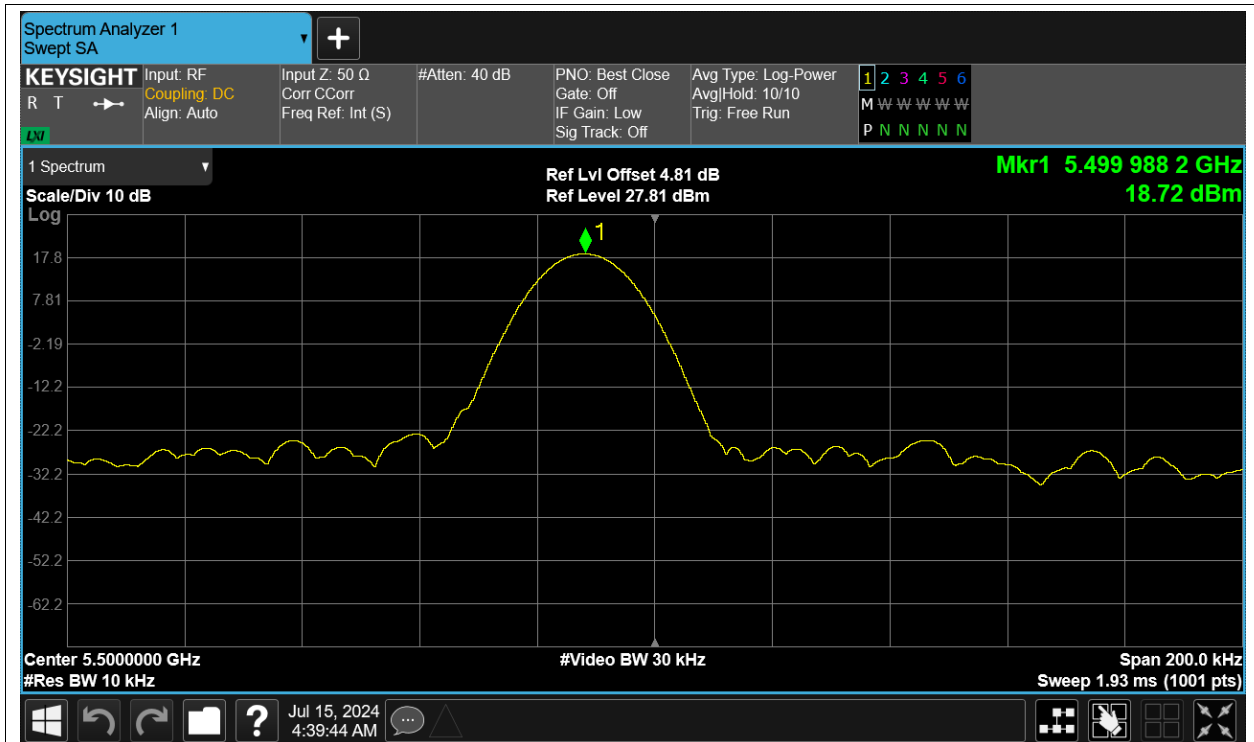
Freq. Stability HVNT a 5500MHz Ant14



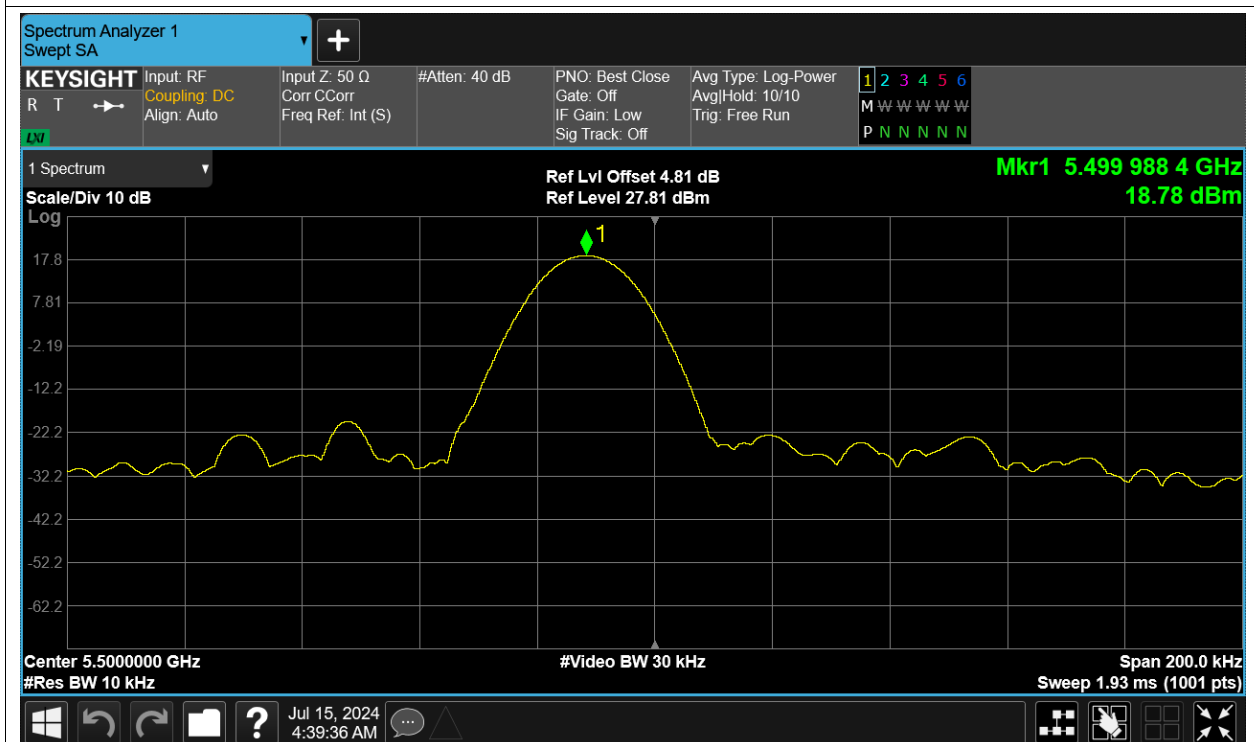
Freq. Stability LVNT a 5500MHz Ant14



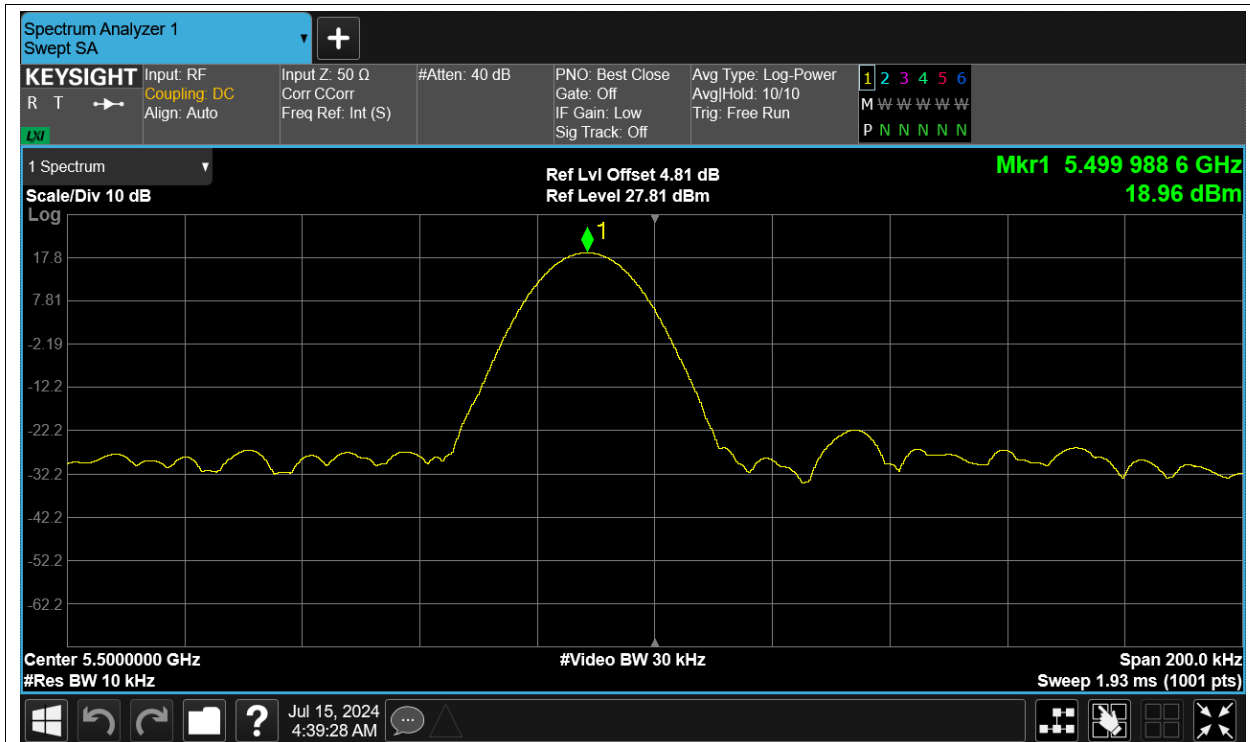
Freq. Stability NVHT a 5500MHz Ant14



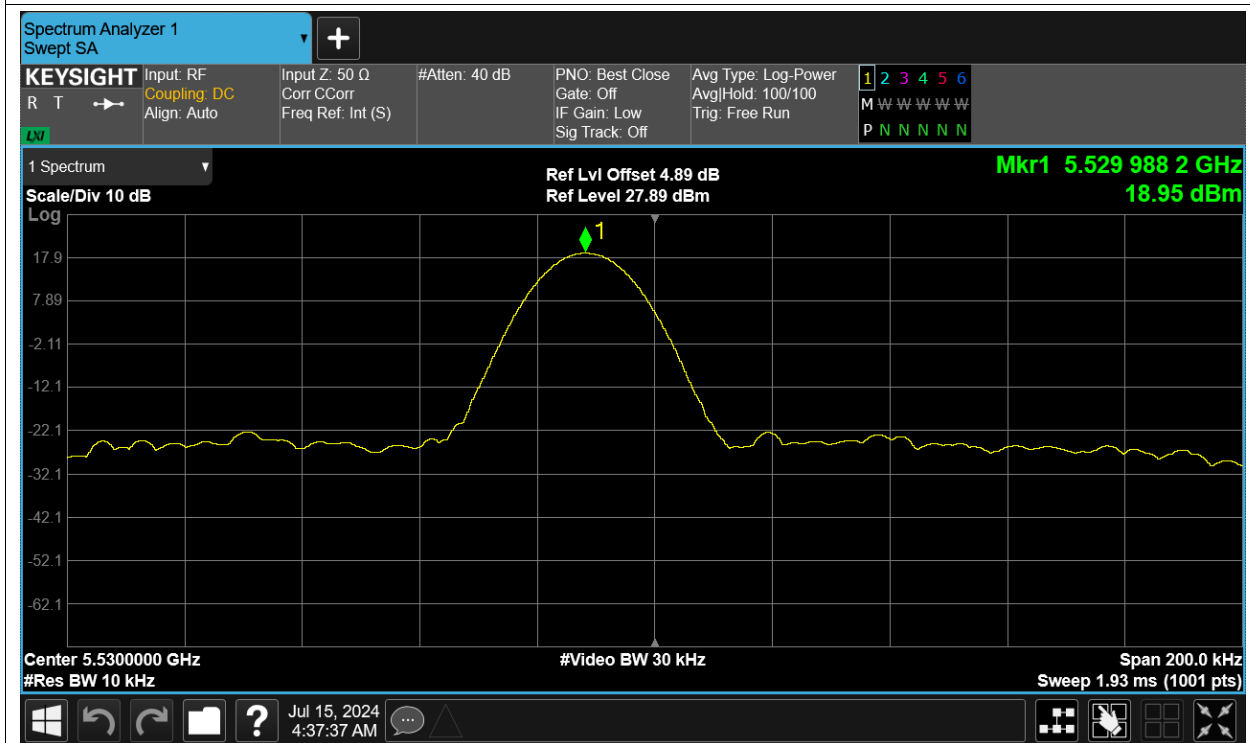
Freq. Stability NVLT a 5500MHz Ant14



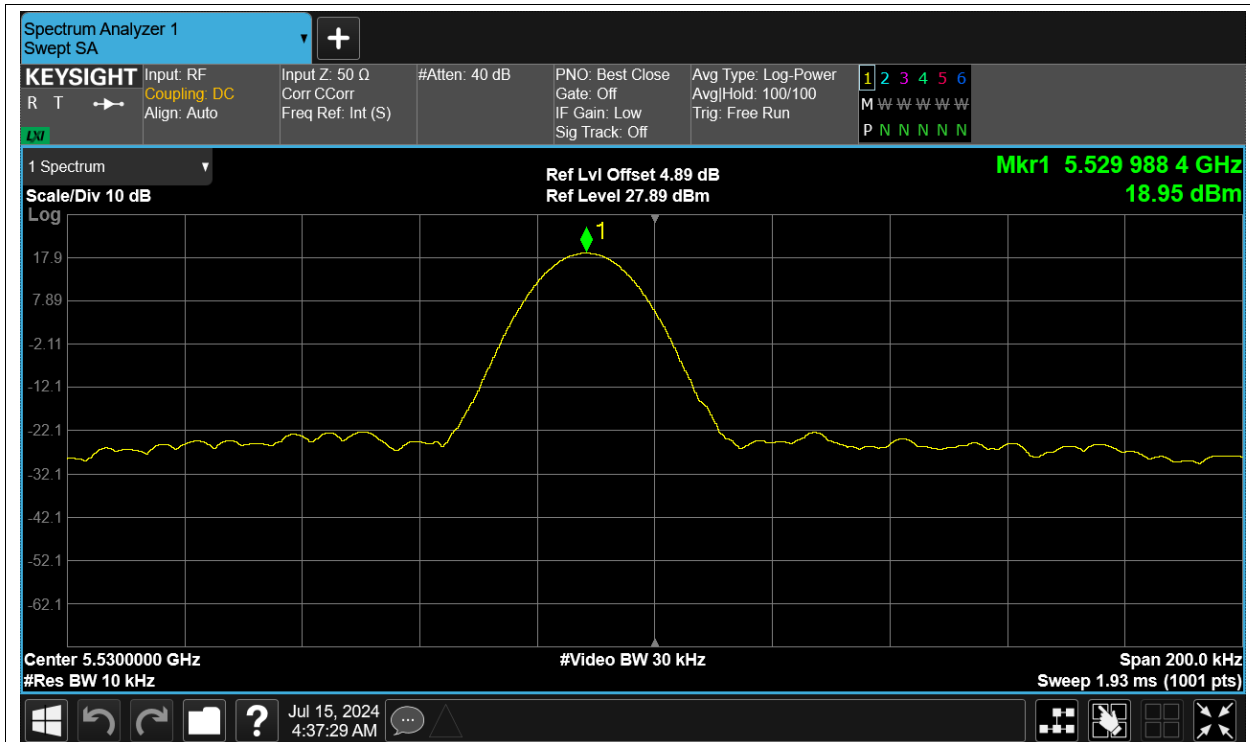
Freq. Stability NVNT a 5500MHz Ant14



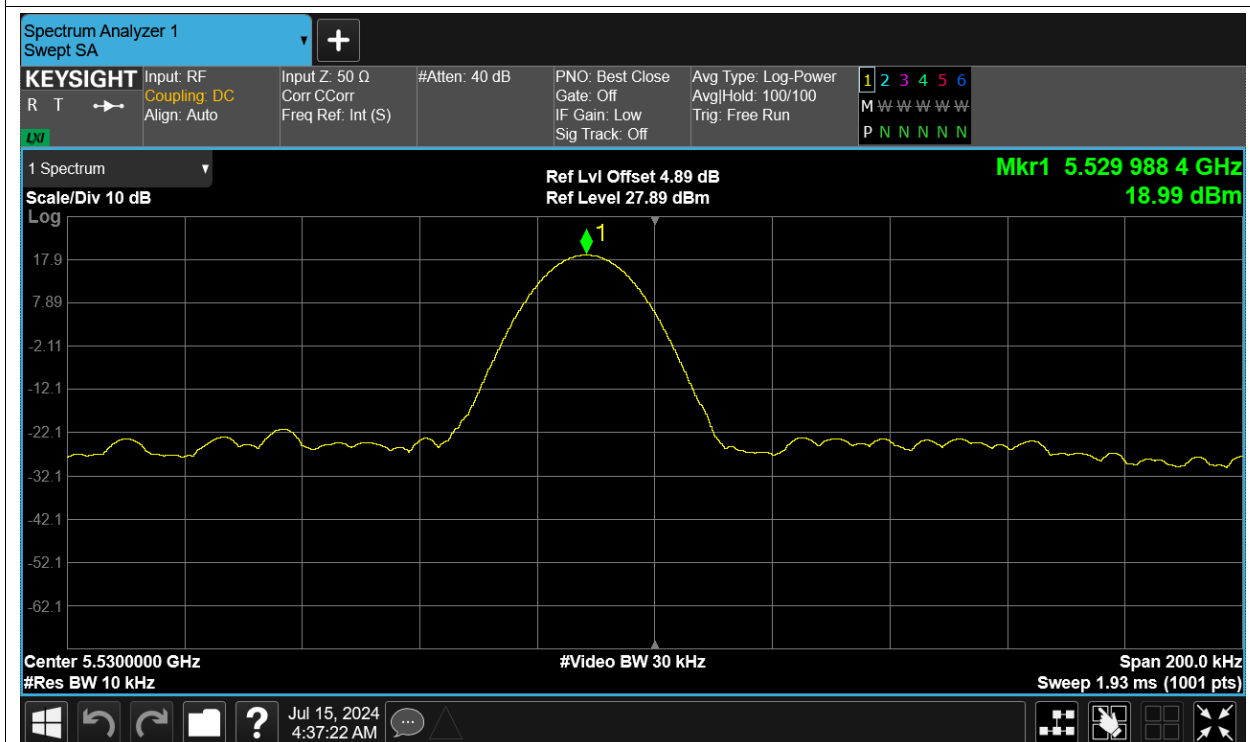
Freq. Stability HVNT ac80 5530MHz Ant14



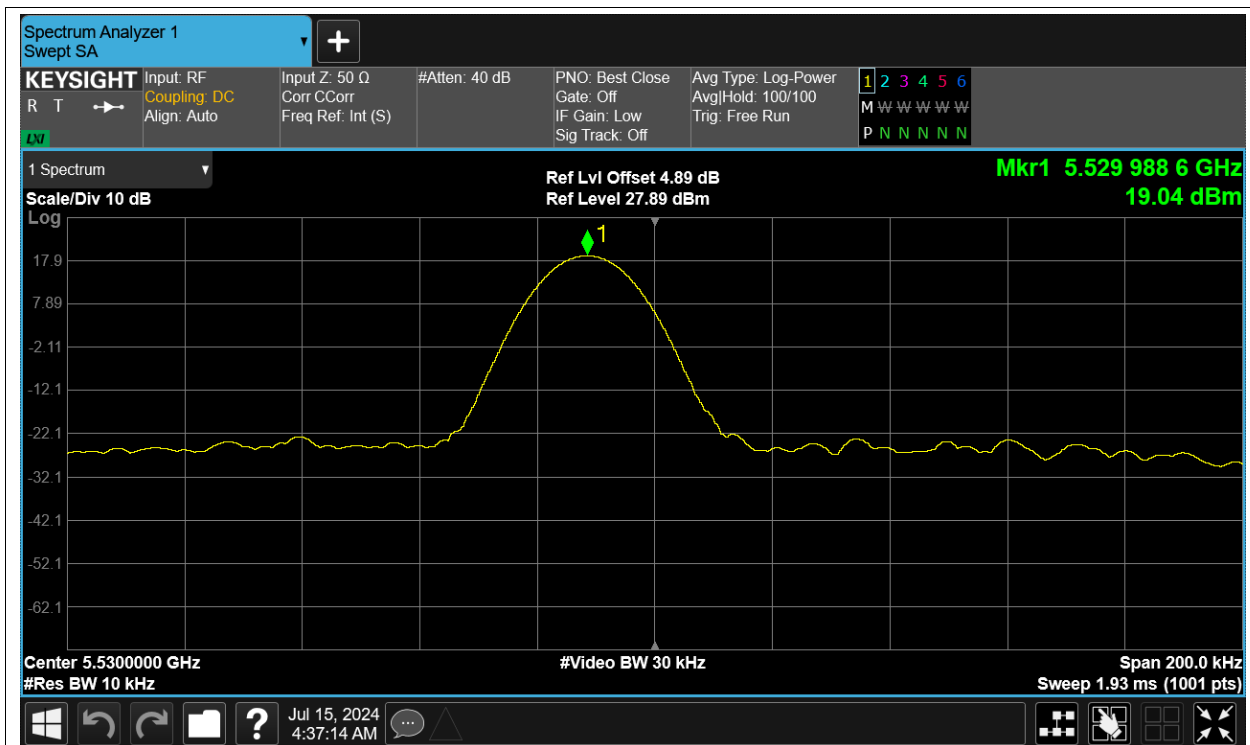
Freq. Stability LVNT ac80 5530MHz Ant14



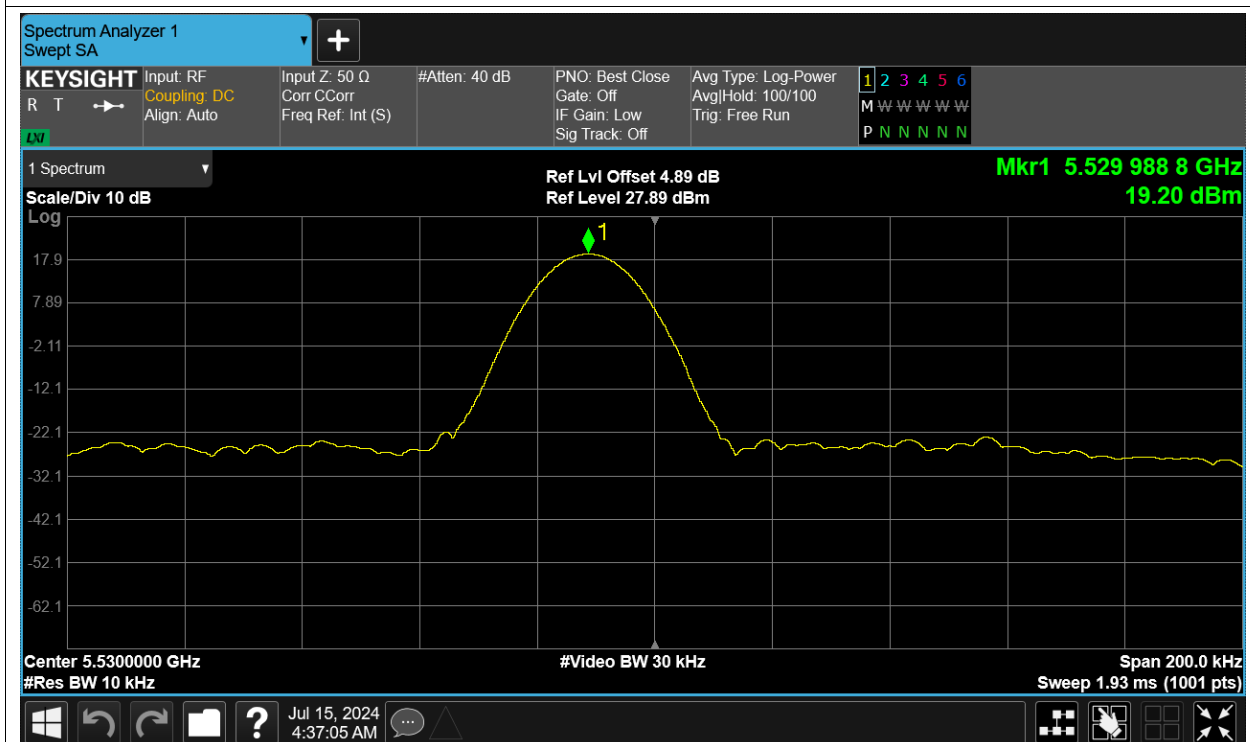
Freq. Stability NVHT ac80 5530MHz Ant14



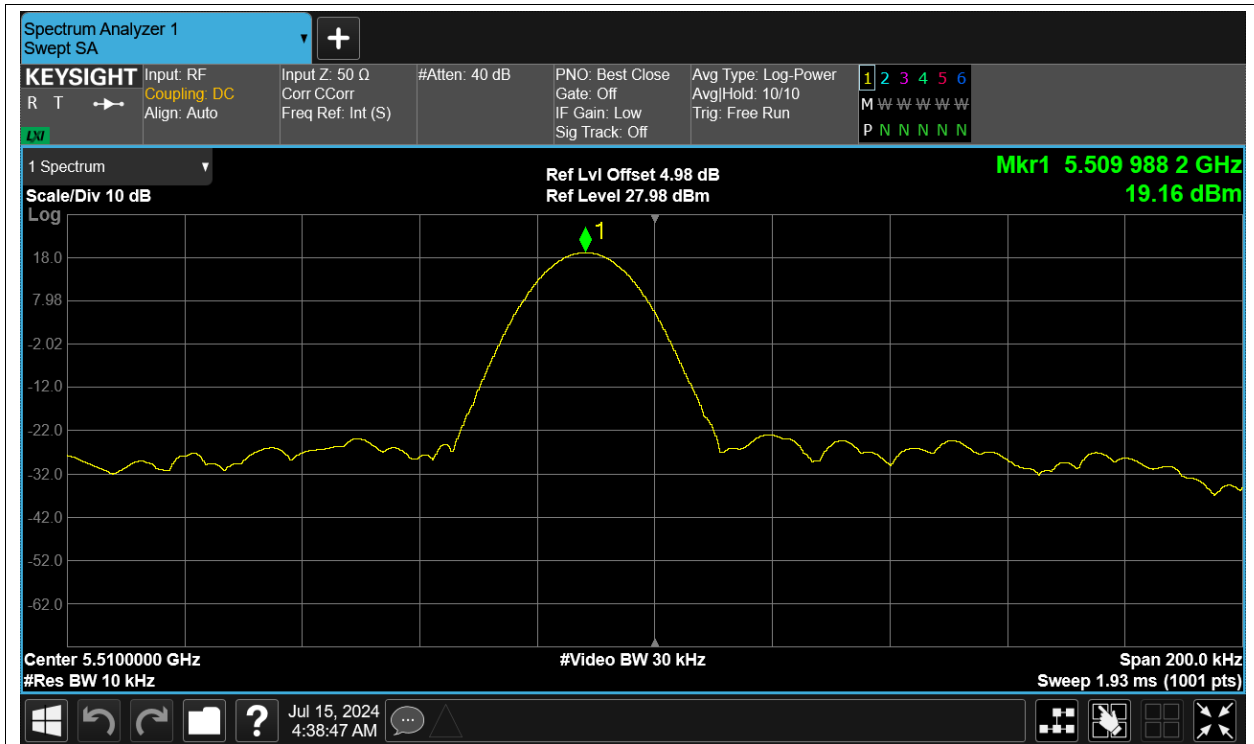
Freq. Stability NVLT ac80 5530MHz Ant14



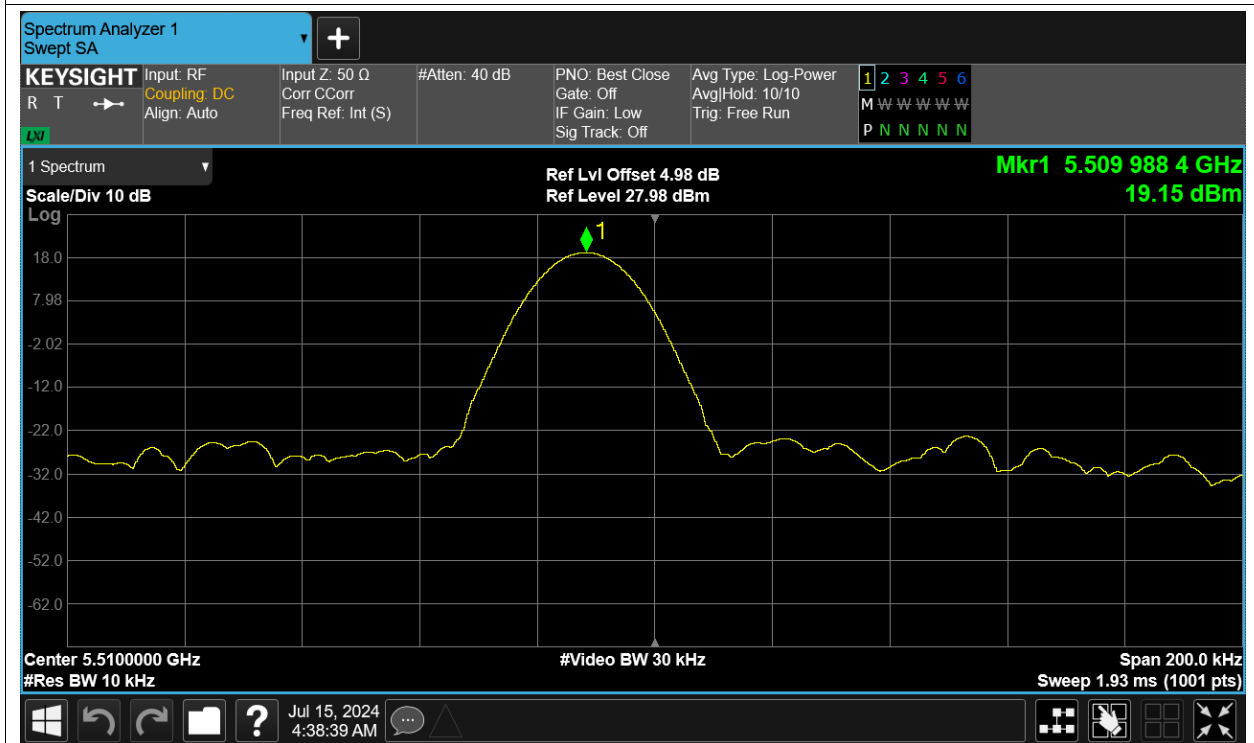
Freq. Stability NVNT ac80 5530MHz Ant14



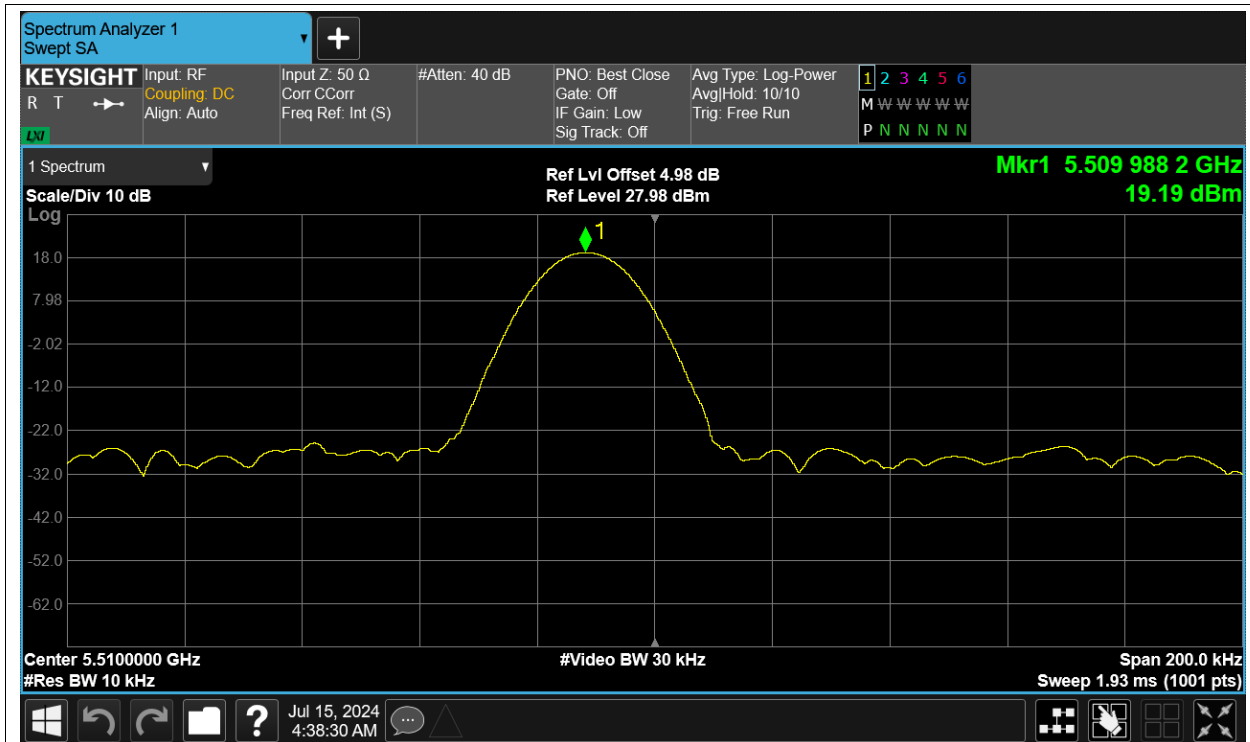
Freq. Stability HVNT n40 5510MHz Ant14



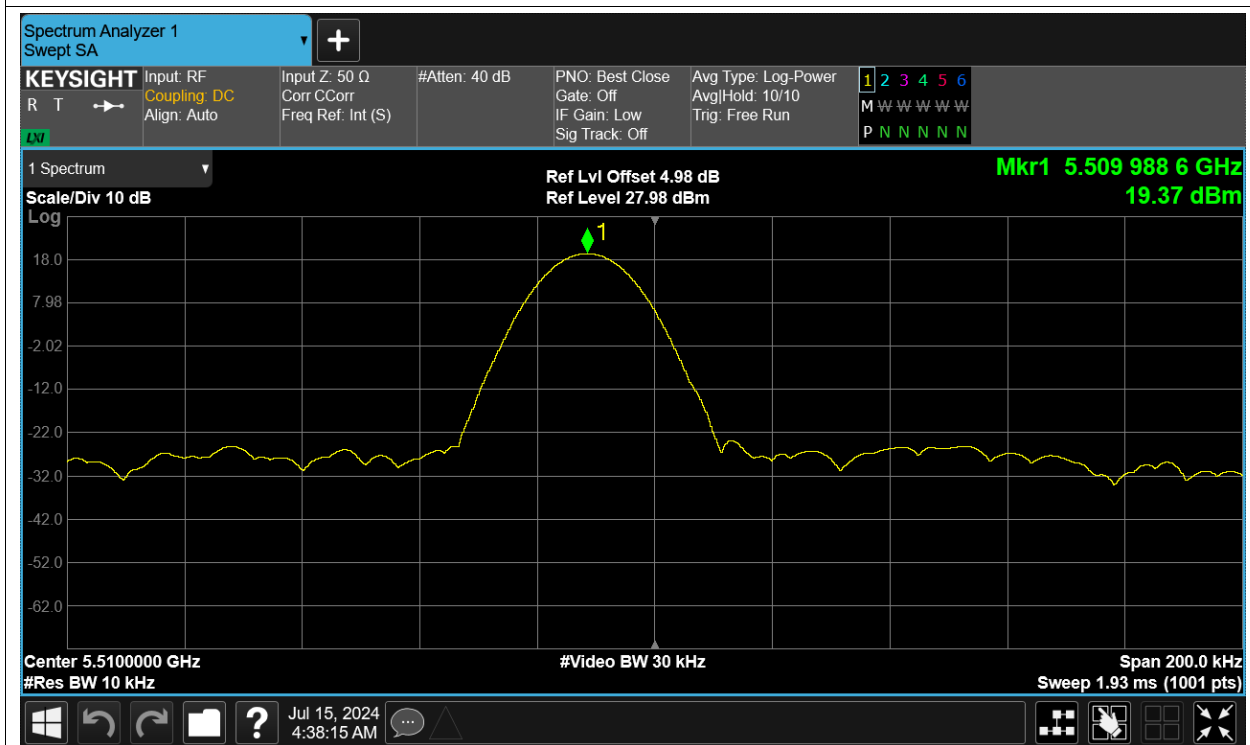
Freq. Stability LVNT n40 5510MHz Ant14



Freq. Stability NVHT n40 5510MHz Ant14



Freq. Stability NVNT n40 5510MHz Ant14

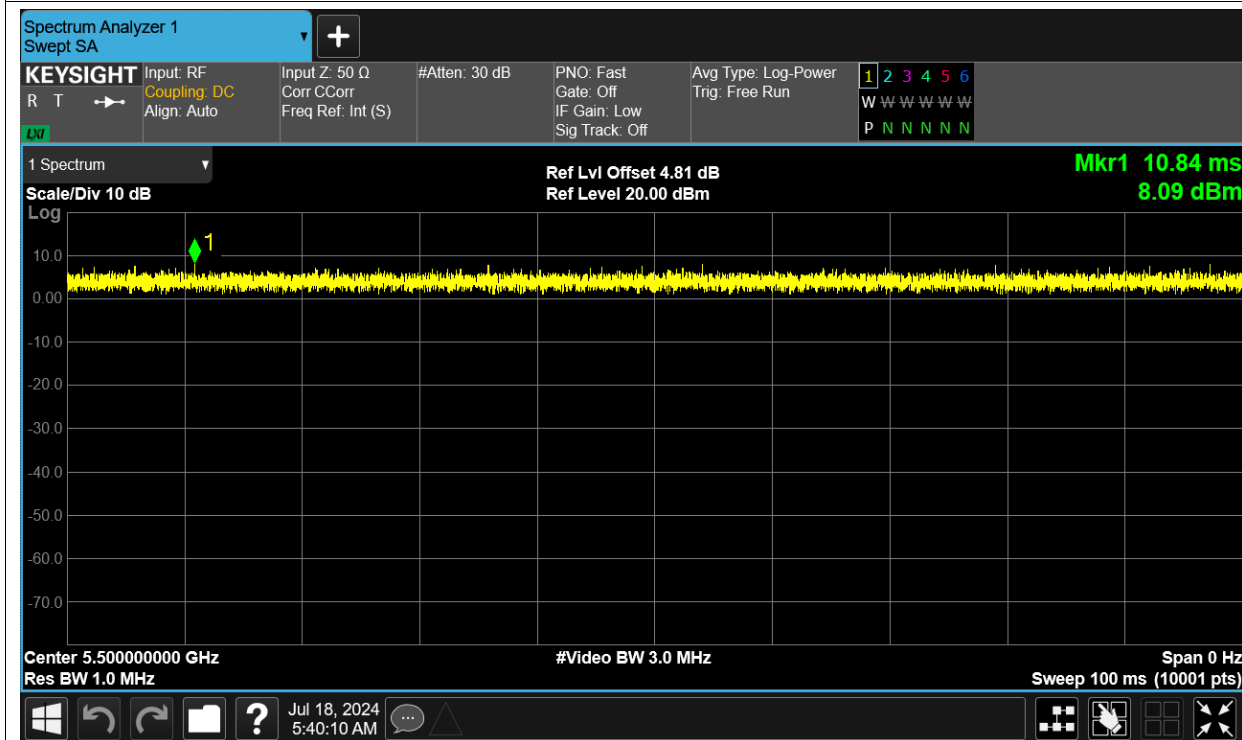


Duty Cycle

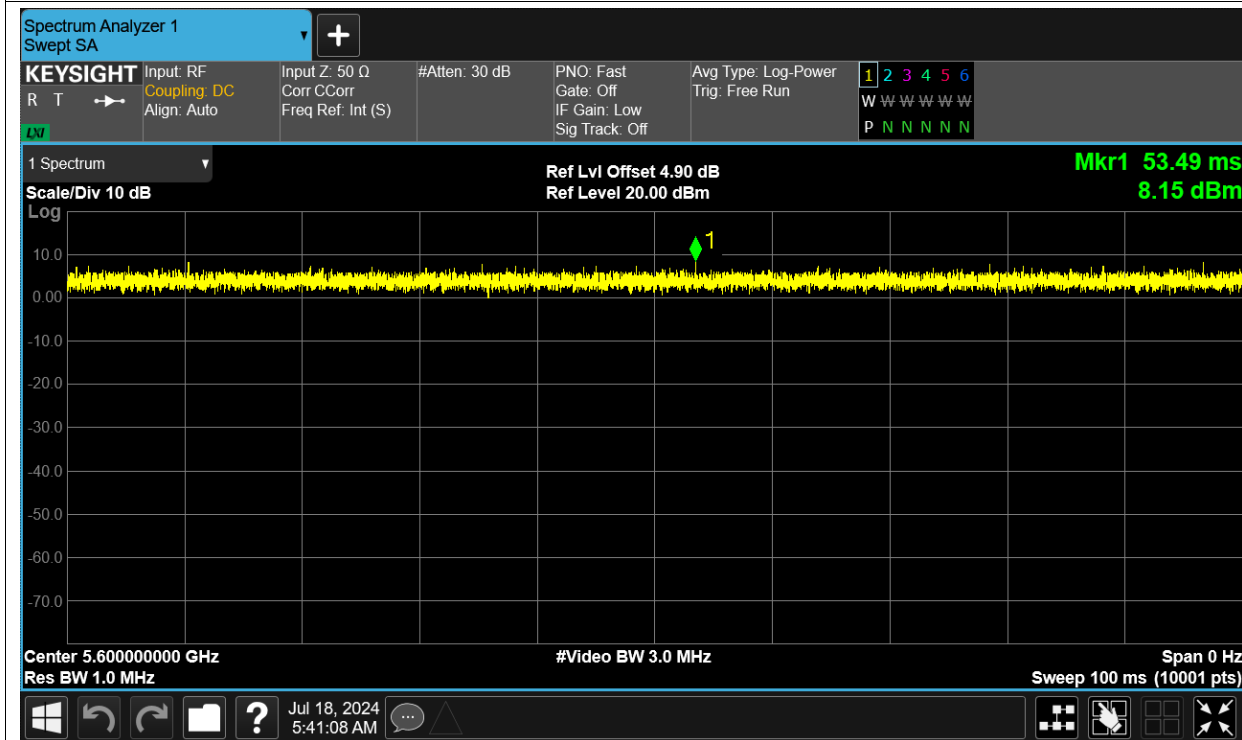
Condition	Mode	Frequency (MHz)	Antenna	Duty Cycle (%)	Correction Factor (dB)
NVNT	a	5500	Ant14	100	0
NVNT	a	5600	Ant14	100	0
NVNT	a	5700	Ant14	100	0
NVNT	ac20	5500	Ant14	100	0
NVNT	ac20	5600	Ant14	100	0
NVNT	ac20	5700	Ant14	100	0
NVNT	ac40	5510	Ant14	100	0
NVNT	ac40	5590	Ant14	100	0
NVNT	ac40	5670	Ant14	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

Test Graphs

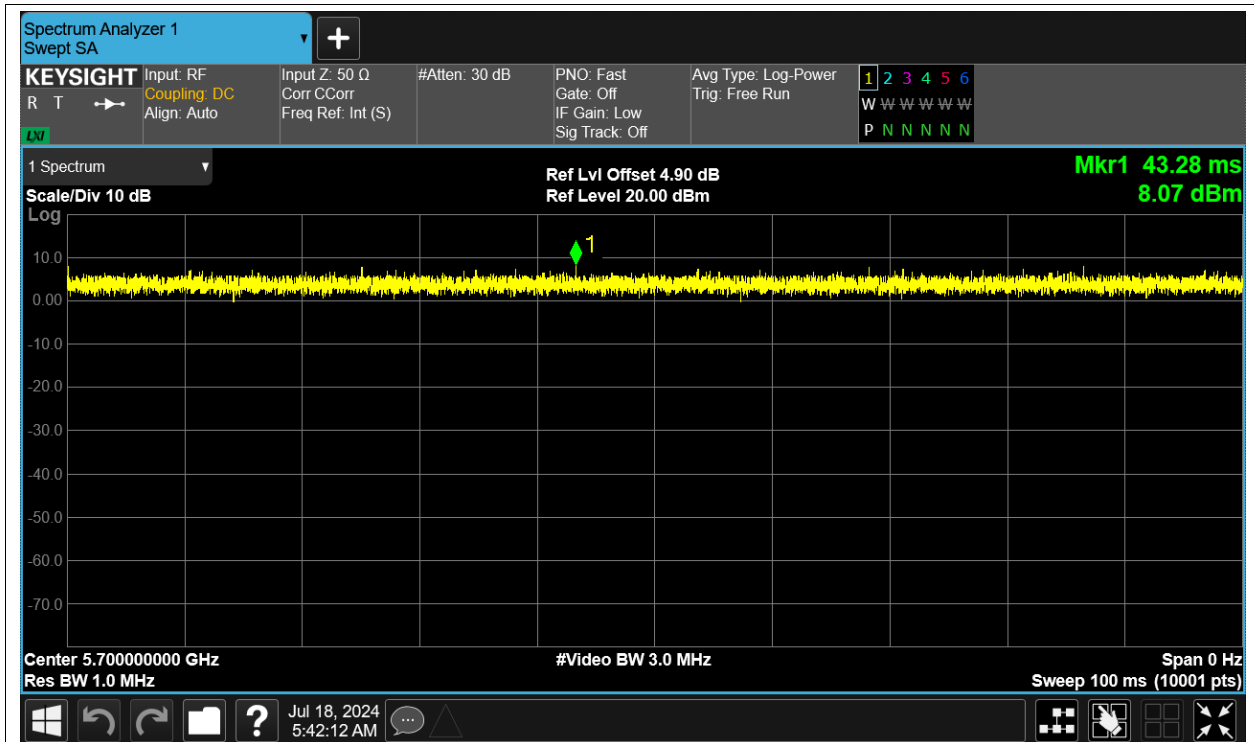
Duty Cycle NVNT a 5500MHz Ant14



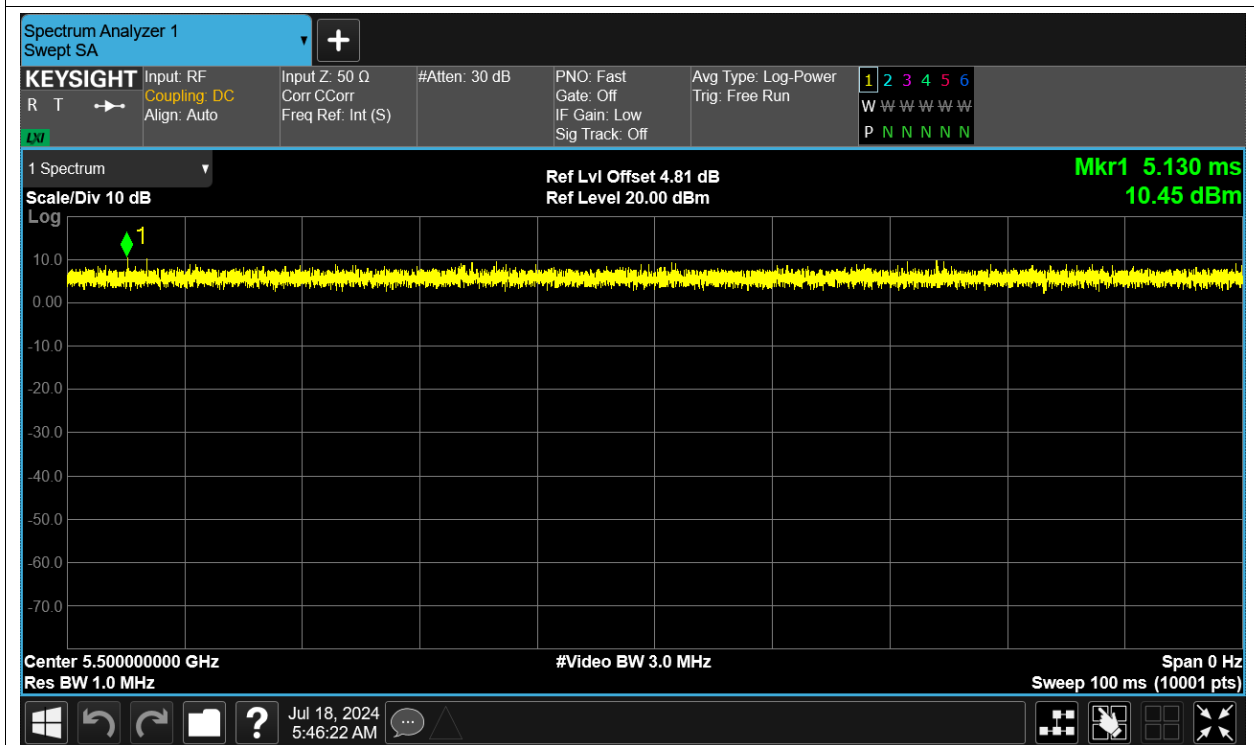
Duty Cycle NVNT a 5600MHz Ant14



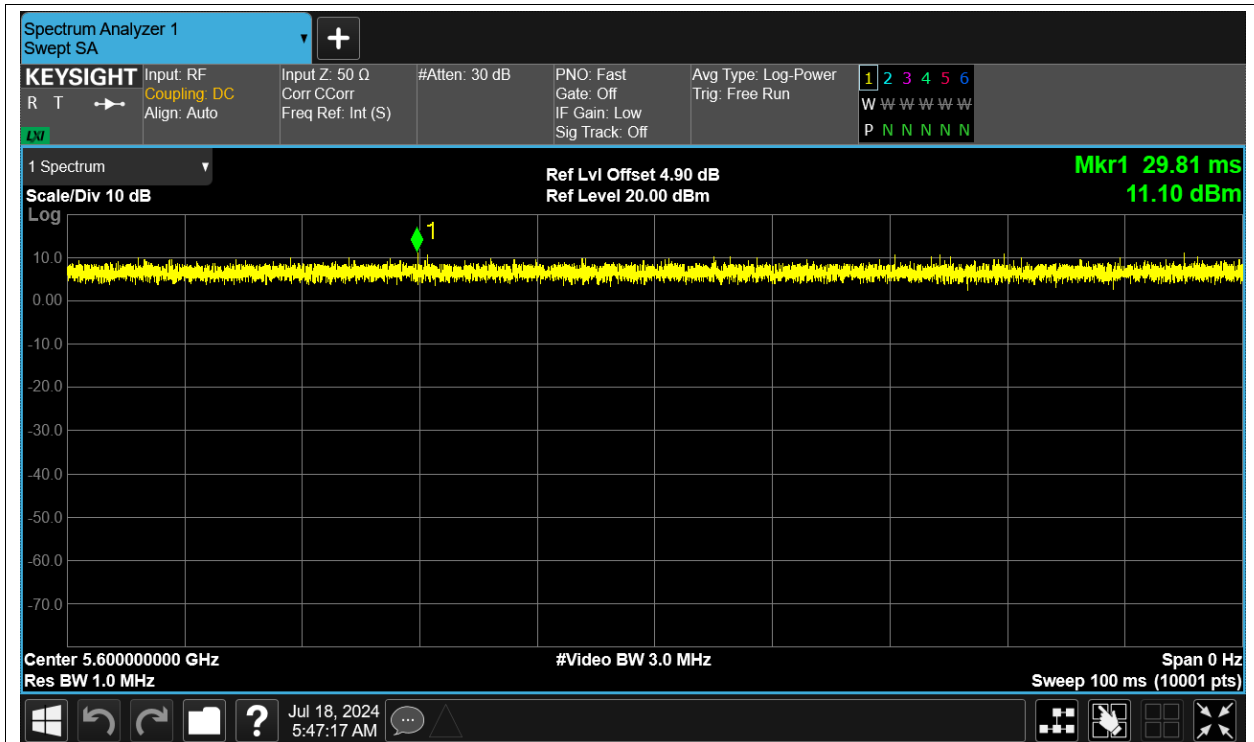
Duty Cycle NVNT a 5700MHz Ant14



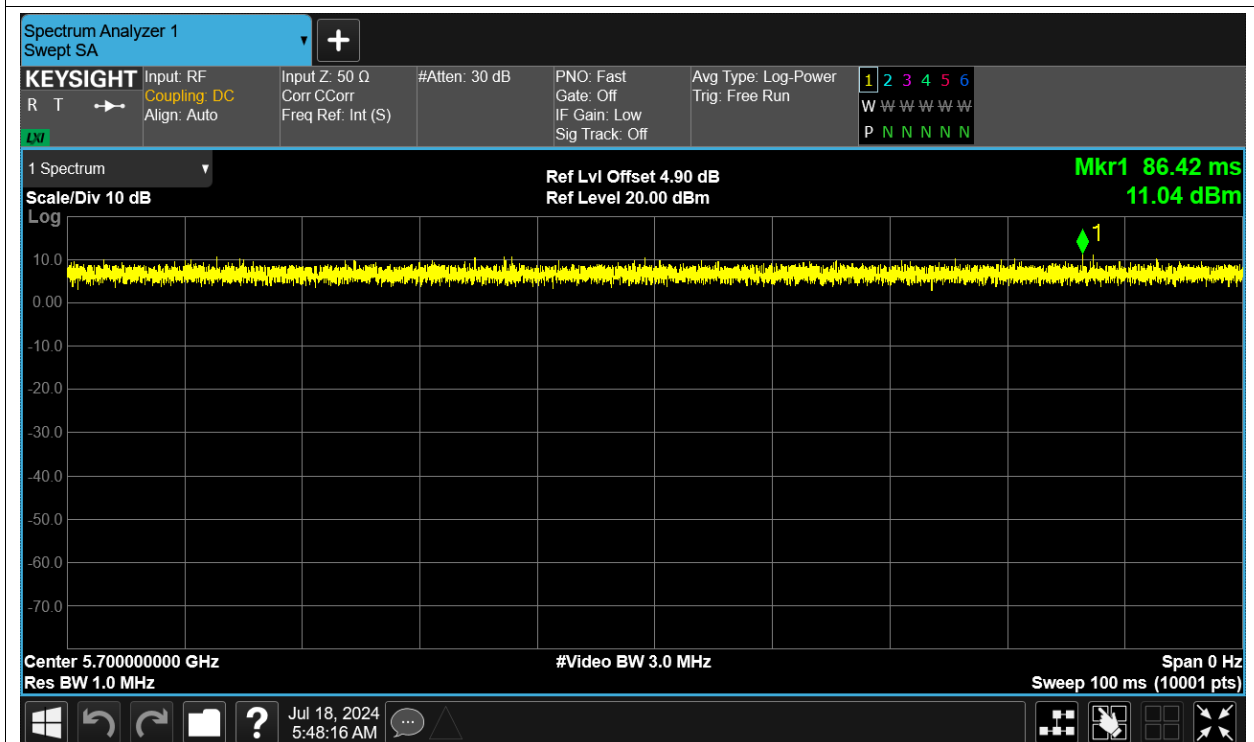
Duty Cycle NVNT ac20 5500MHz Ant14



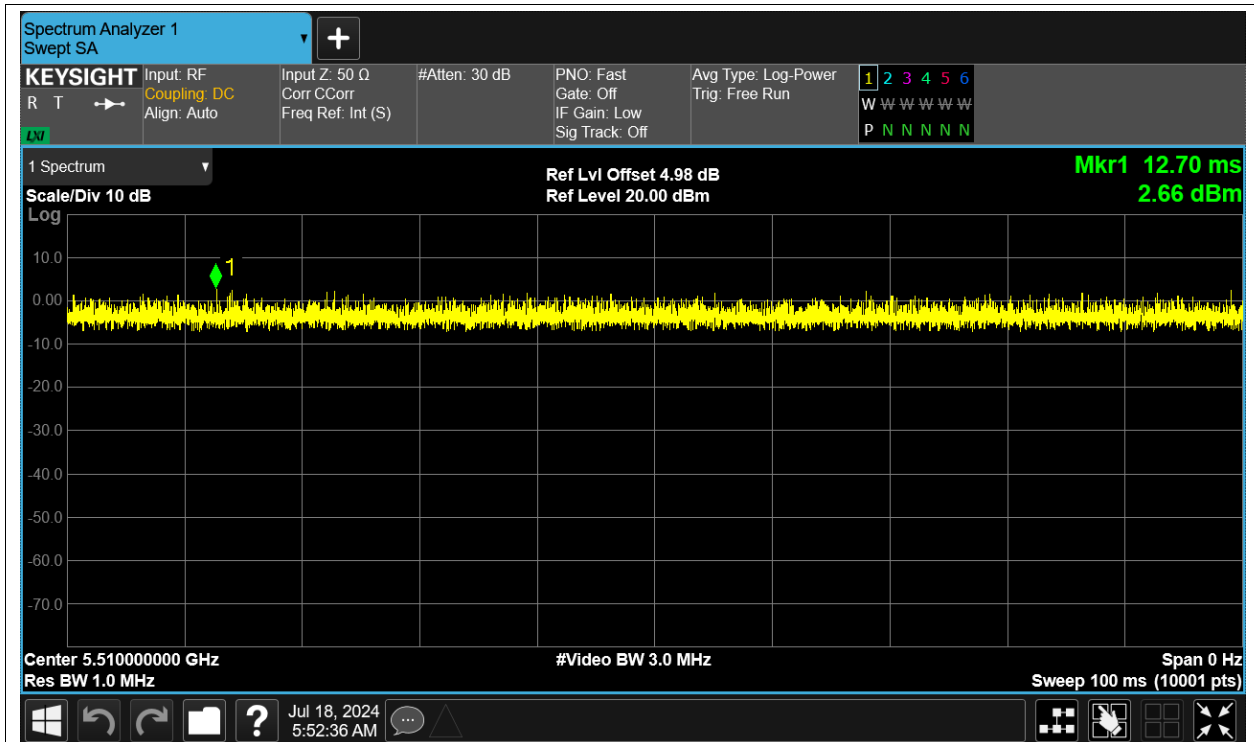
Duty Cycle NVNT ac20 5600MHz Ant14



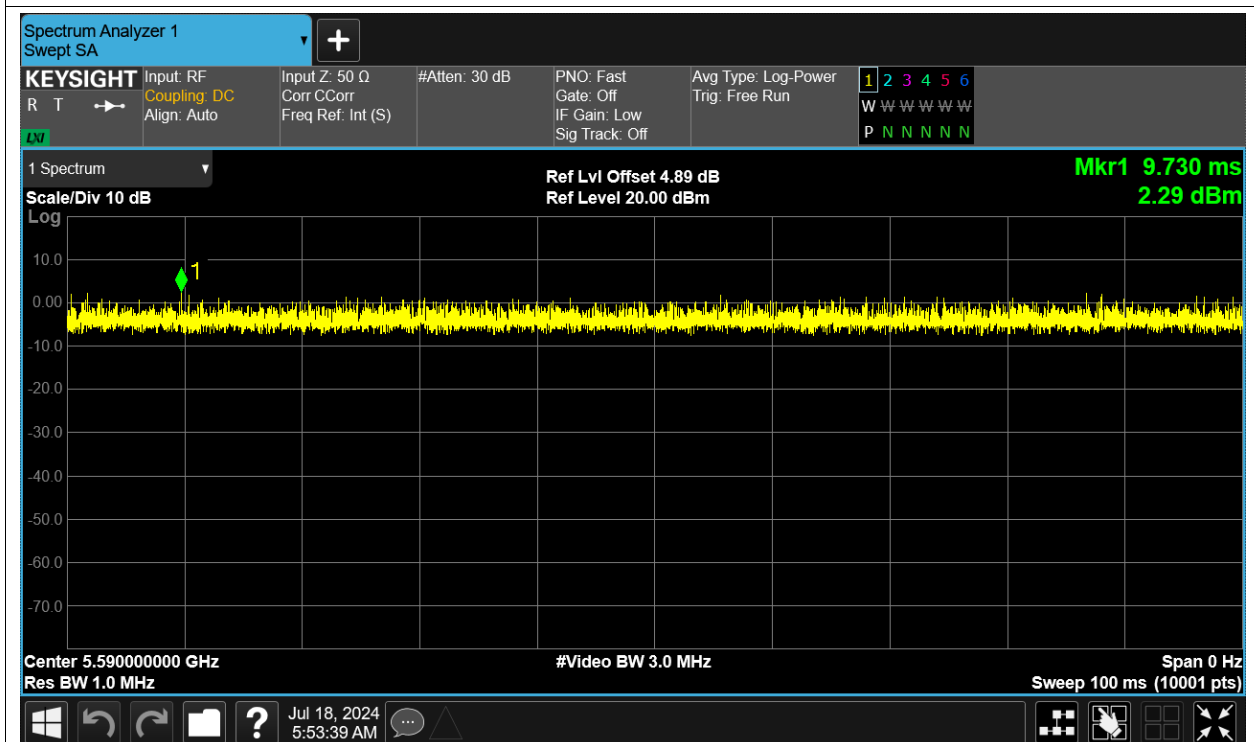
Duty Cycle NVNT ac20 5700MHz Ant14



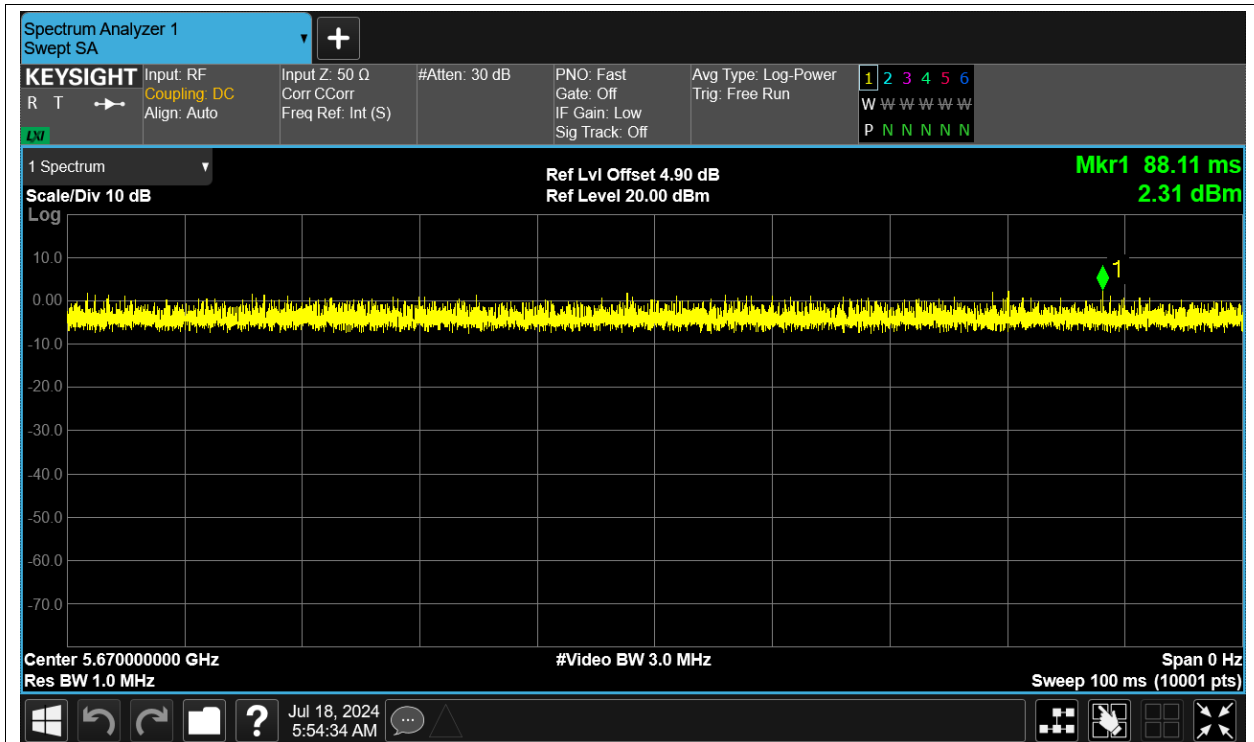
Duty Cycle NVNT ac40 5510MHz Ant14



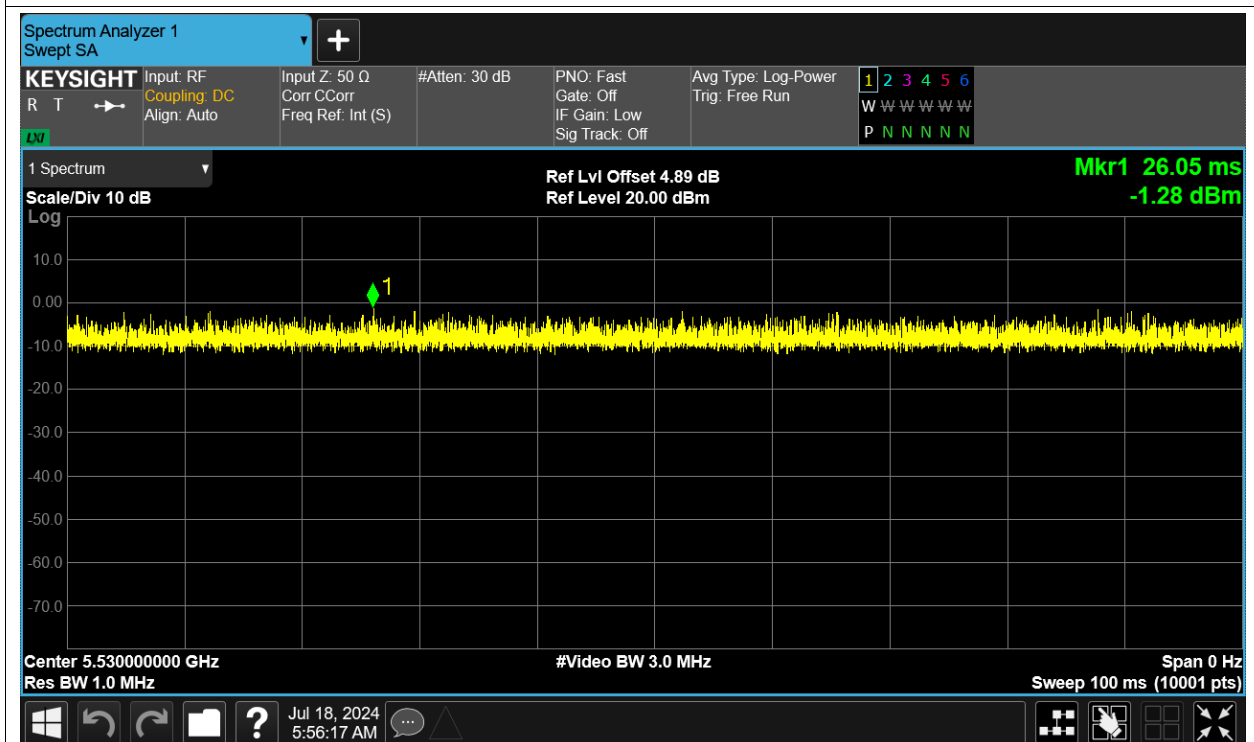
Duty Cycle NVNT ac40 5590MHz Ant14



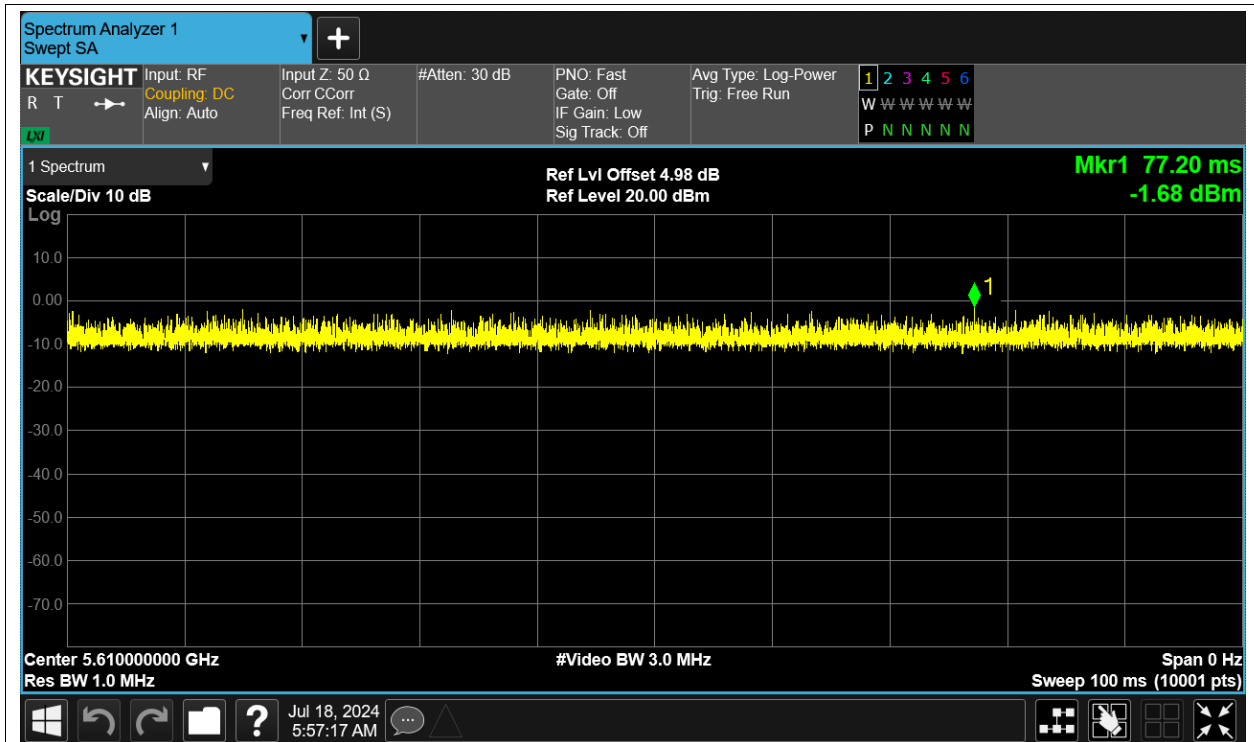
Duty Cycle NVNT ac40 5670MHz Ant14



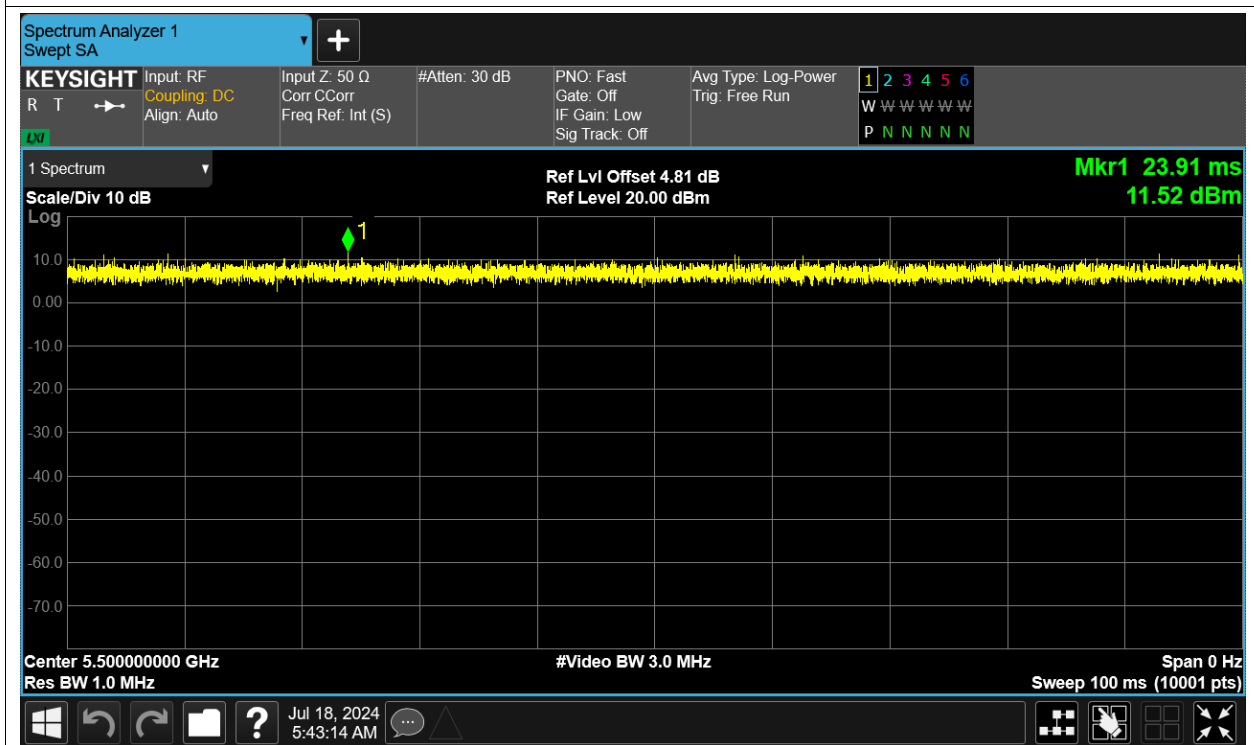
Duty Cycle NVNT ac80 5530MHz Ant14



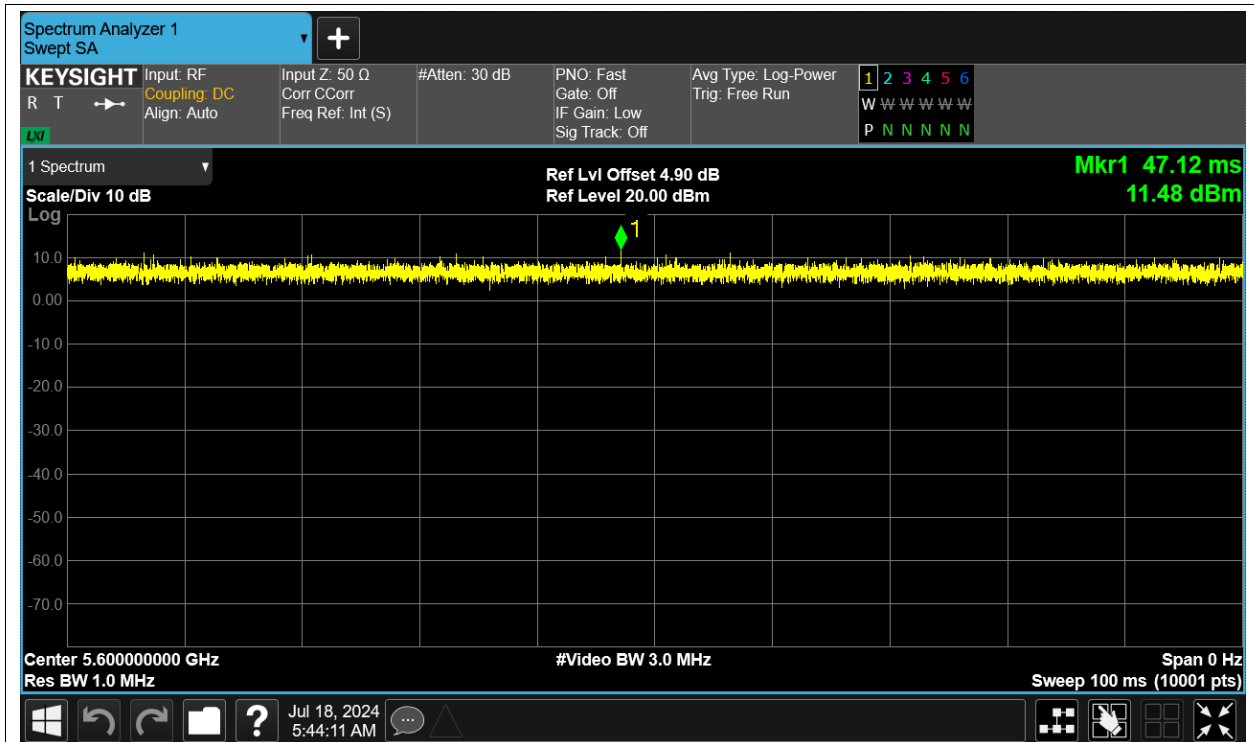
Duty Cycle NVNT ac80 5610MHz Ant14



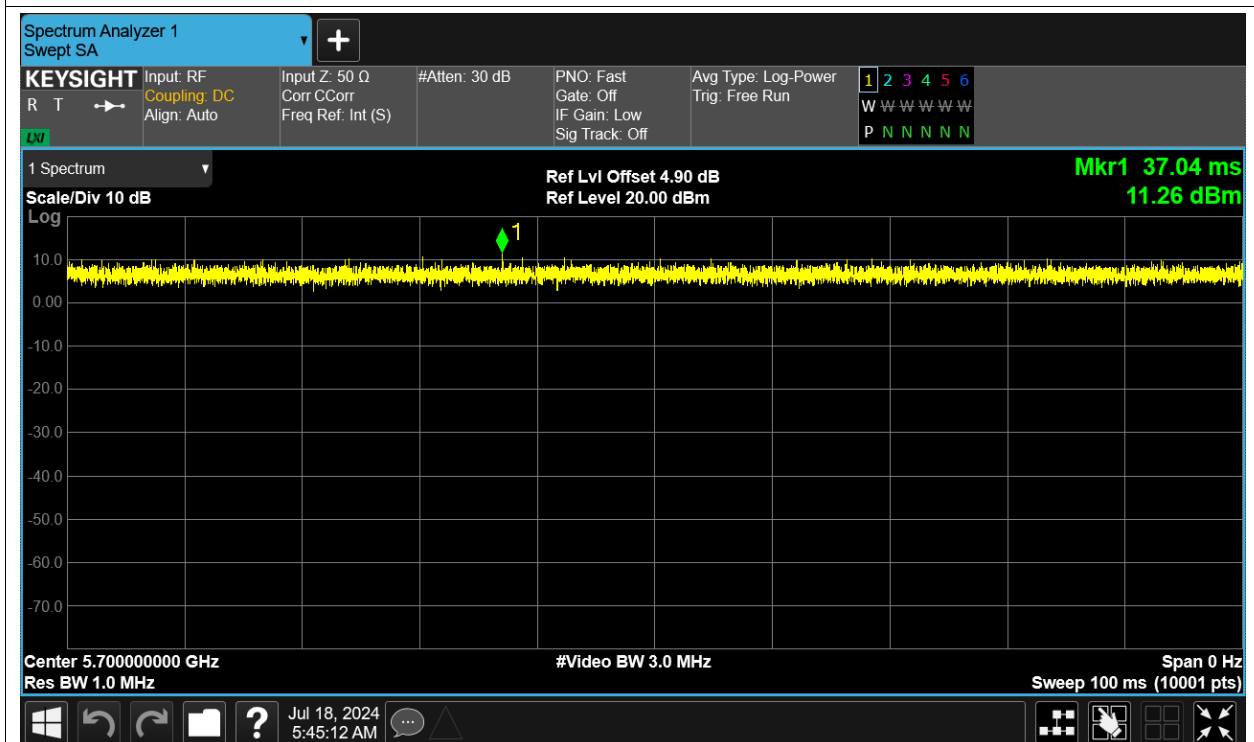
Duty Cycle NVNT n20 5500MHz Ant14



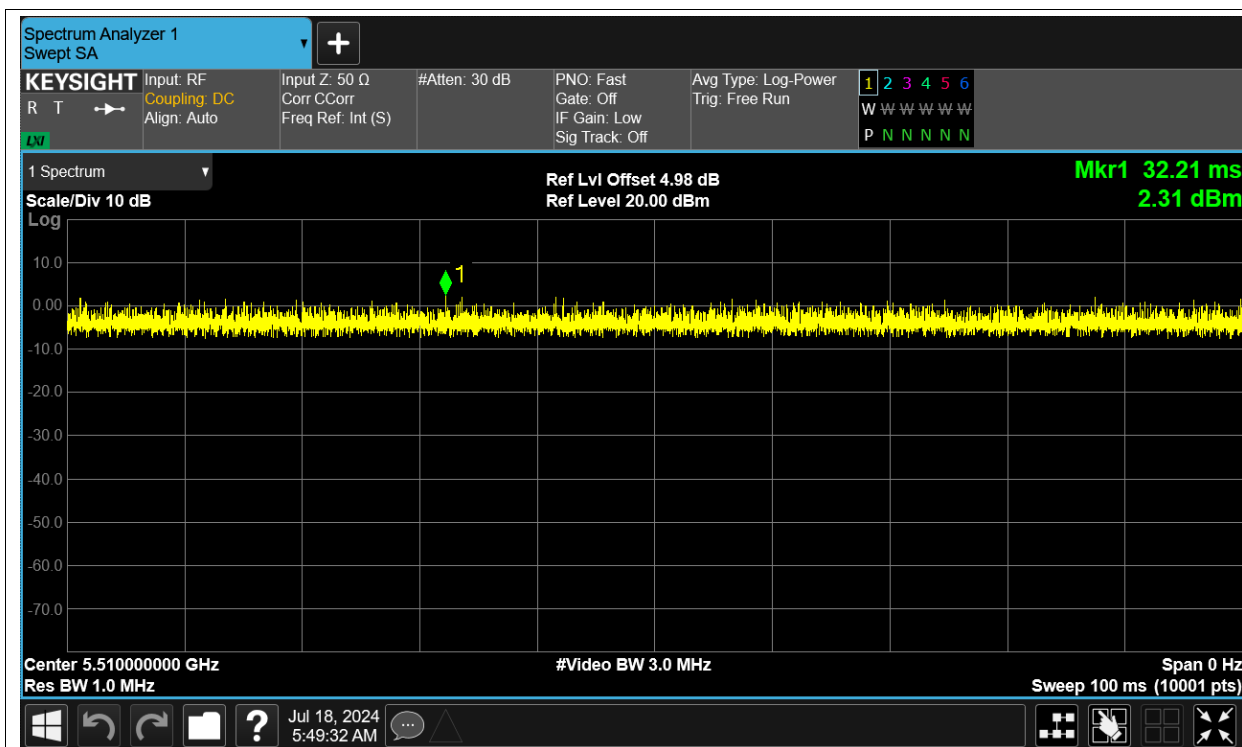
Duty Cycle NVNT n20 5600MHz Ant14



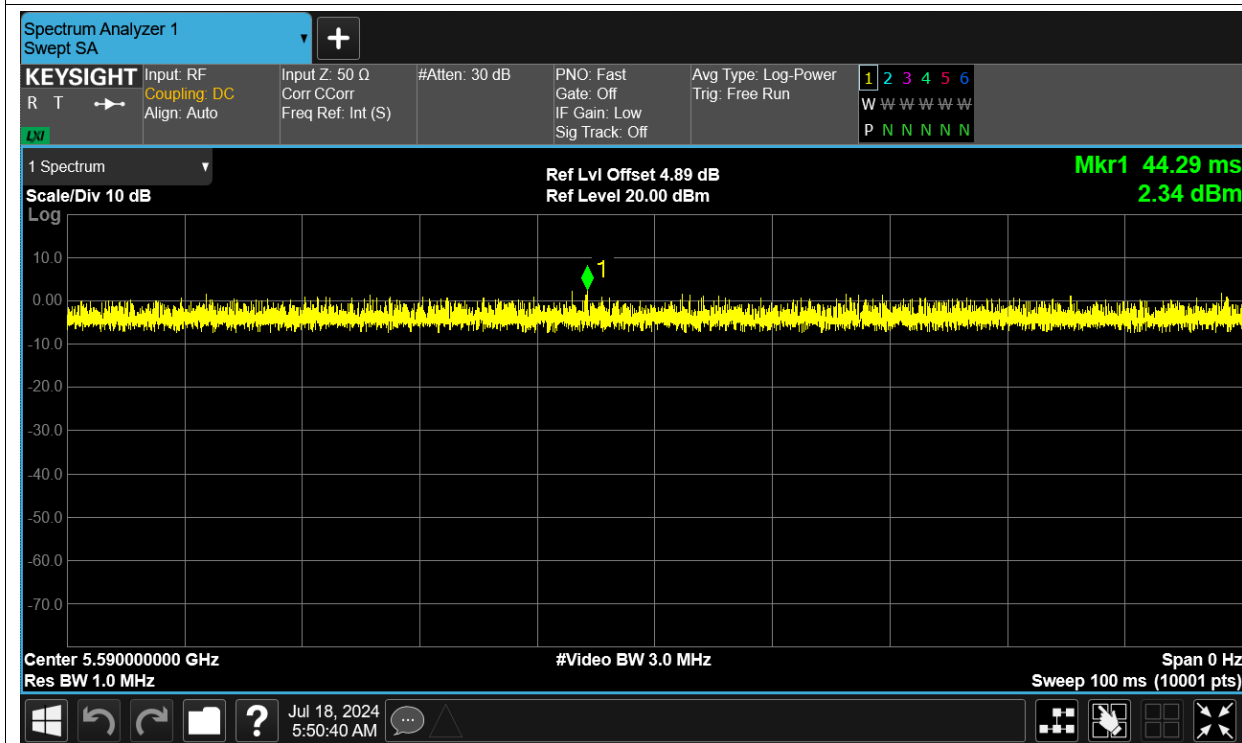
Duty Cycle NVNT n20 5700MHz Ant14



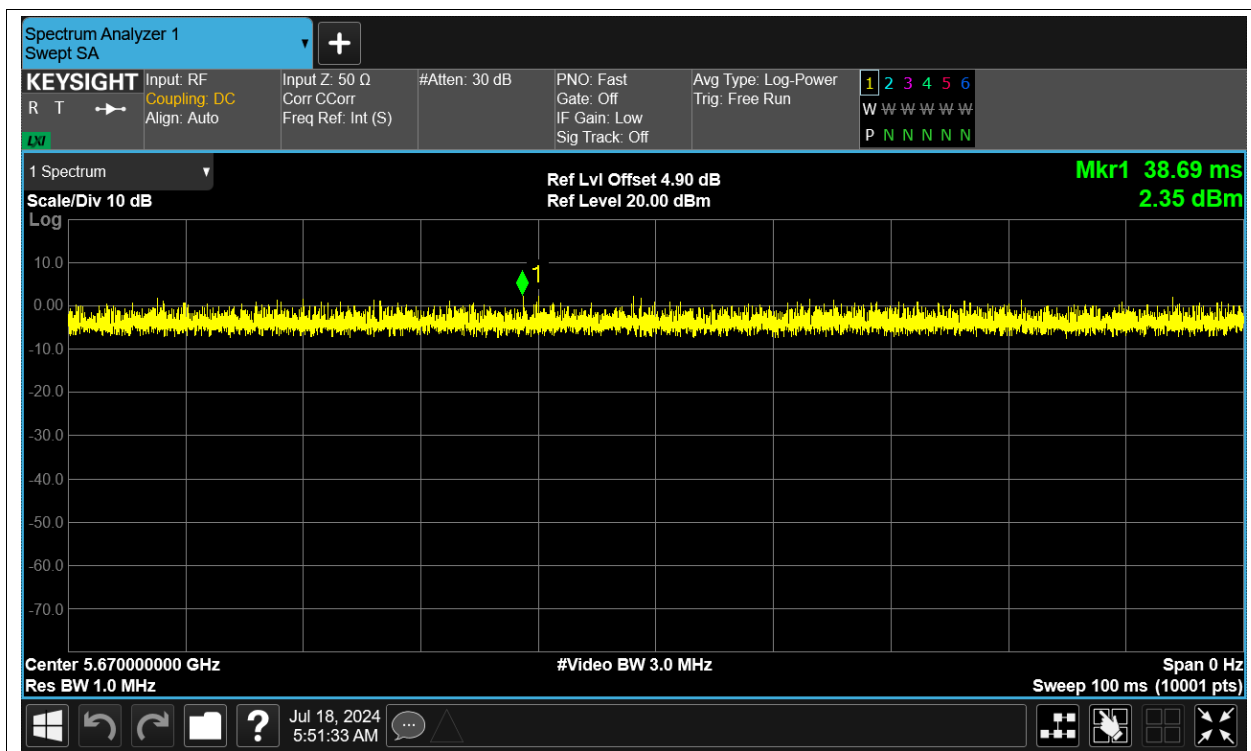
Duty Cycle NVNT n40 5510MHz Ant14



Duty Cycle NVNT n40 5590MHz Ant14



Duty Cycle NVNT n40 5670MHz Ant14



Maximum Conducted Output Power

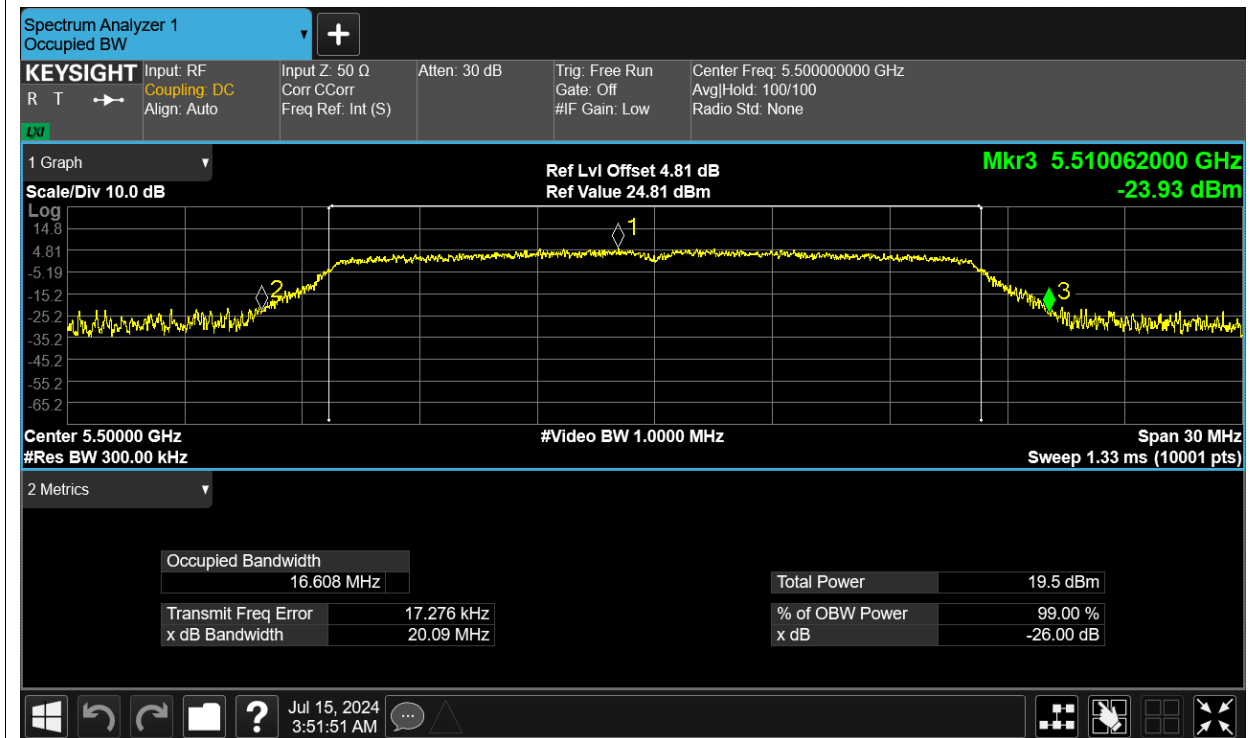
Condition	Mode	Frequency (MHz)	Antenna	Conducted Power (dBm)	Duty Factor (dB)	Total Power (dBm)	Limit (dBm)	Verdict
NVNT	a	5500	Ant14	11.79	0	11.79	24	Pass
NVNT	a	5600	Ant14	10.9	0	10.9	24	Pass
NVNT	a	5700	Ant14	10.79	0	10.79	24	Pass
NVNT	ac20	5500	Ant14	13.28	0	13.28	24	Pass
NVNT	ac20	5600	Ant14	13.46	0	13.46	24	Pass
NVNT	ac20	5700	Ant14	13.65	0	13.65	24	Pass
NVNT	ac40	5510	Ant14	10.84	0	10.84	24	Pass
NVNT	ac40	5590	Ant14	9.94	0	9.94	24	Pass
NVNT	ac40	5670	Ant14	9.37	0	9.37	24	Pass
NVNT	ac80	5530	Ant14	9.29	0	9.29	24	Pass
NVNT	ac80	5610	Ant14	8.49	0	8.49	24	Pass
NVNT	n20	5500	Ant14	14.6	0	14.6	24	Pass
NVNT	n20	5600	Ant14	13.5	0	13.5	24	Pass
NVNT	n20	5700	Ant14	13.56	0	13.56	24	Pass
NVNT	n40	5510	Ant14	10.13	0	10.13	24	Pass
NVNT	n40	5590	Ant14	9.95	0	9.95	24	Pass
NVNT	n40	5670	Ant14	9.49	0	9.49	24	Pass

-26dB Bandwidth

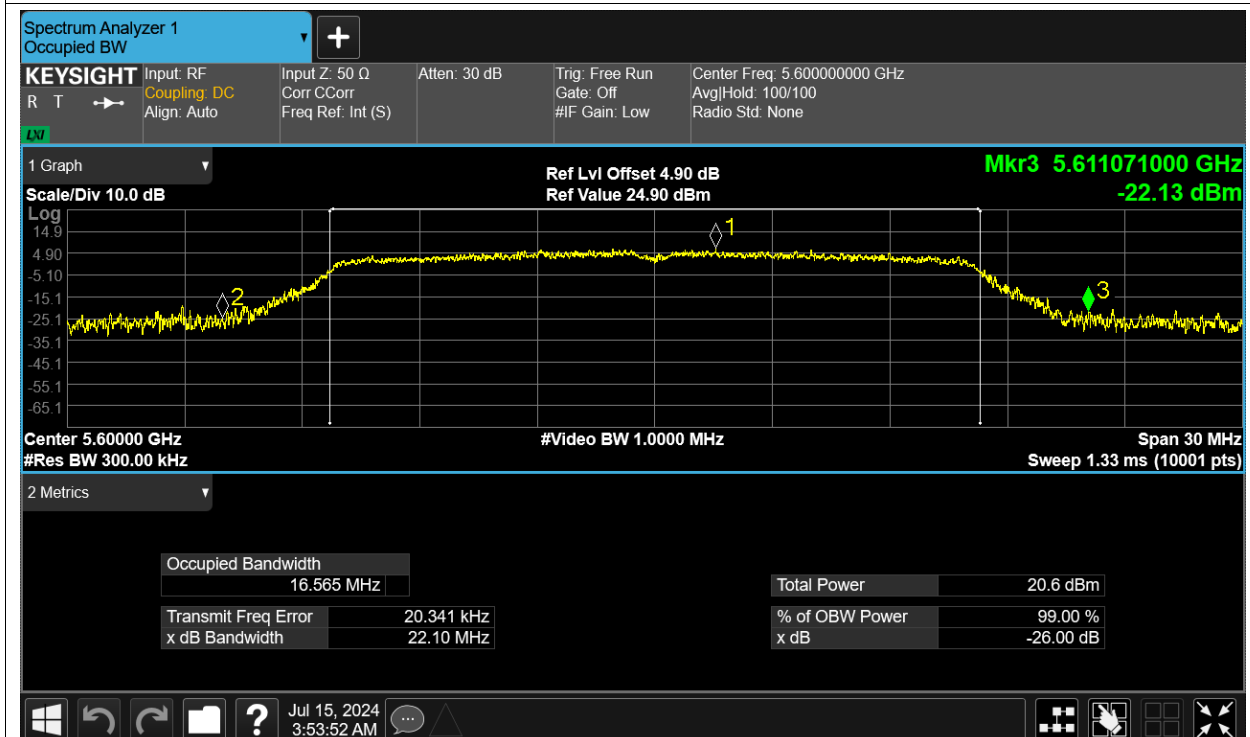
Condition	Mode	Frequency (MHz)	Antenna	-26 dB Bandwidth (MHz)
NVNT	a	5500	Ant14	20.089
NVNT	a	5600	Ant14	22.102
NVNT	a	5700	Ant14	21.867
NVNT	ac20	5500	Ant14	21.305
NVNT	ac20	5600	Ant14	22.347
NVNT	ac20	5700	Ant14	22.228
NVNT	ac40	5510	Ant14	40.009
NVNT	ac40	5590	Ant14	41.303
NVNT	ac40	5670	Ant14	40.11
NVNT	ac80	5530	Ant14	78.918
NVNT	ac80	5610	Ant14	82.221
NVNT	n20	5500	Ant14	22.626
NVNT	n20	5600	Ant14	20.37
NVNT	n20	5700	Ant14	22.914
NVNT	n40	5510	Ant14	39.988
NVNT	n40	5590	Ant14	42.185
NVNT	n40	5670	Ant14	46.131

Test Graphs

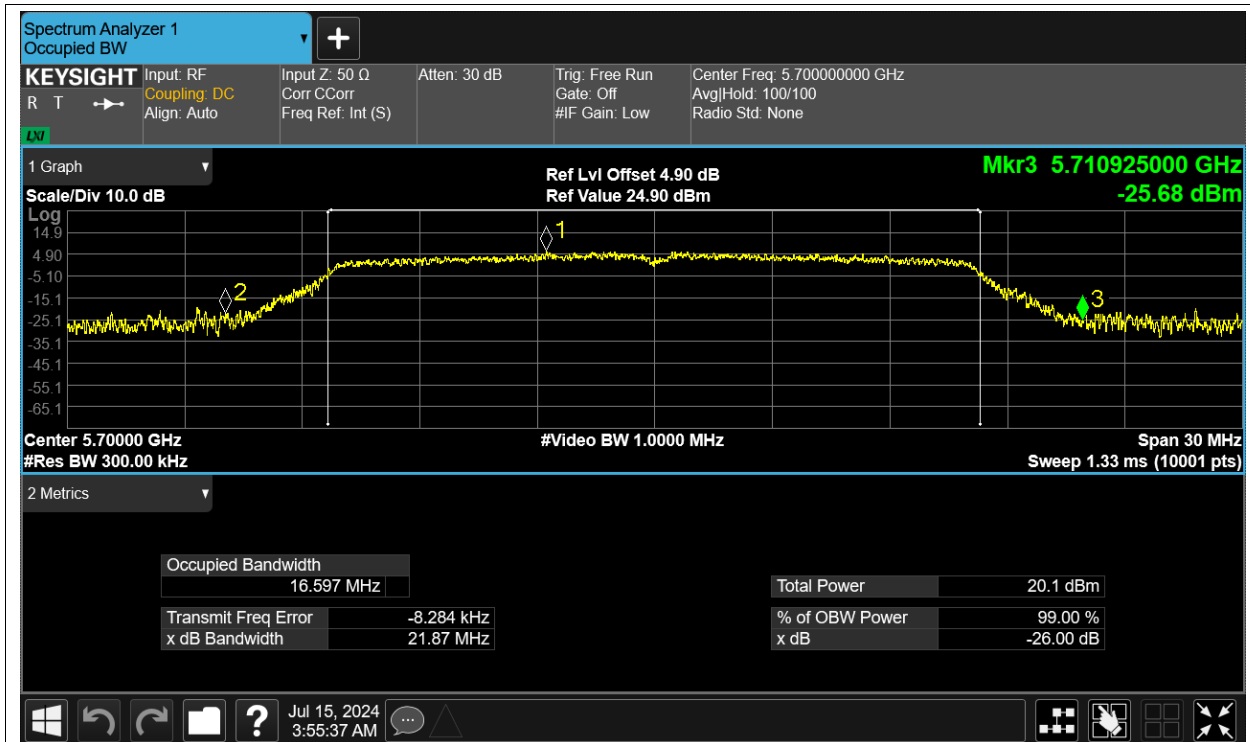
-26dB Bandwidth NVNT a 5500MHz Ant14



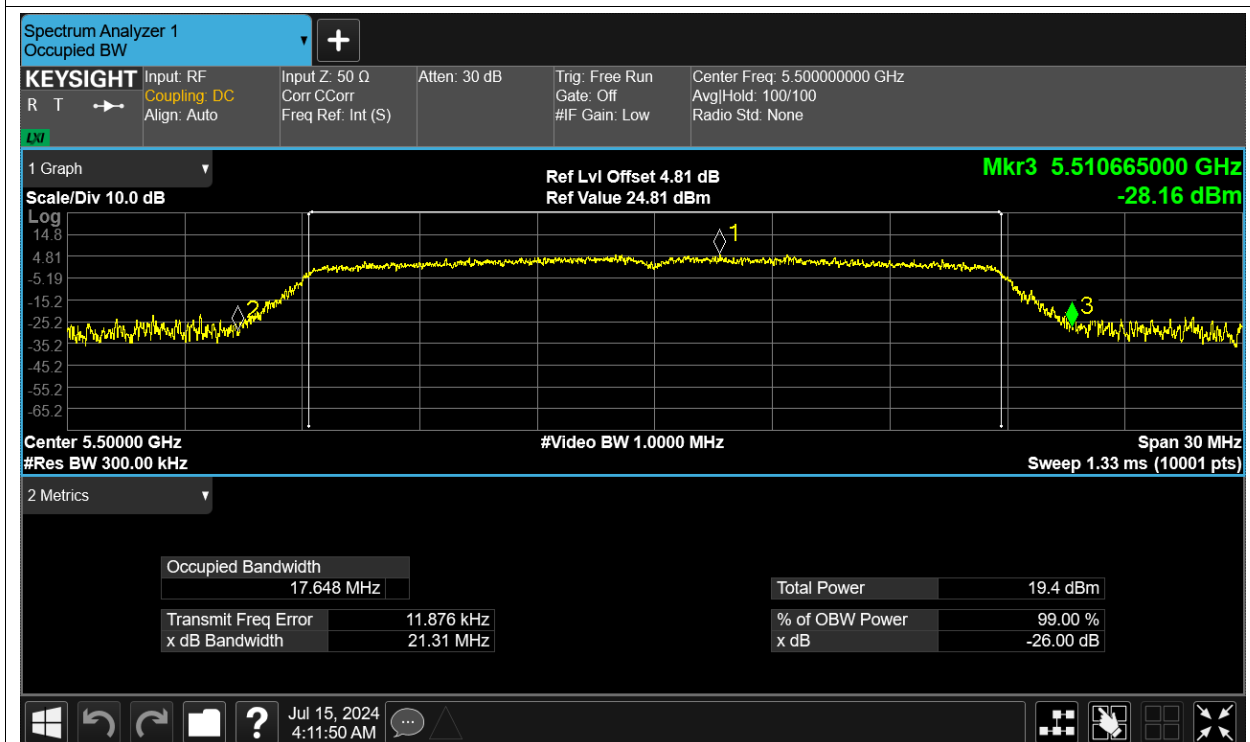
-26dB Bandwidth NVNT a 5600MHz Ant14



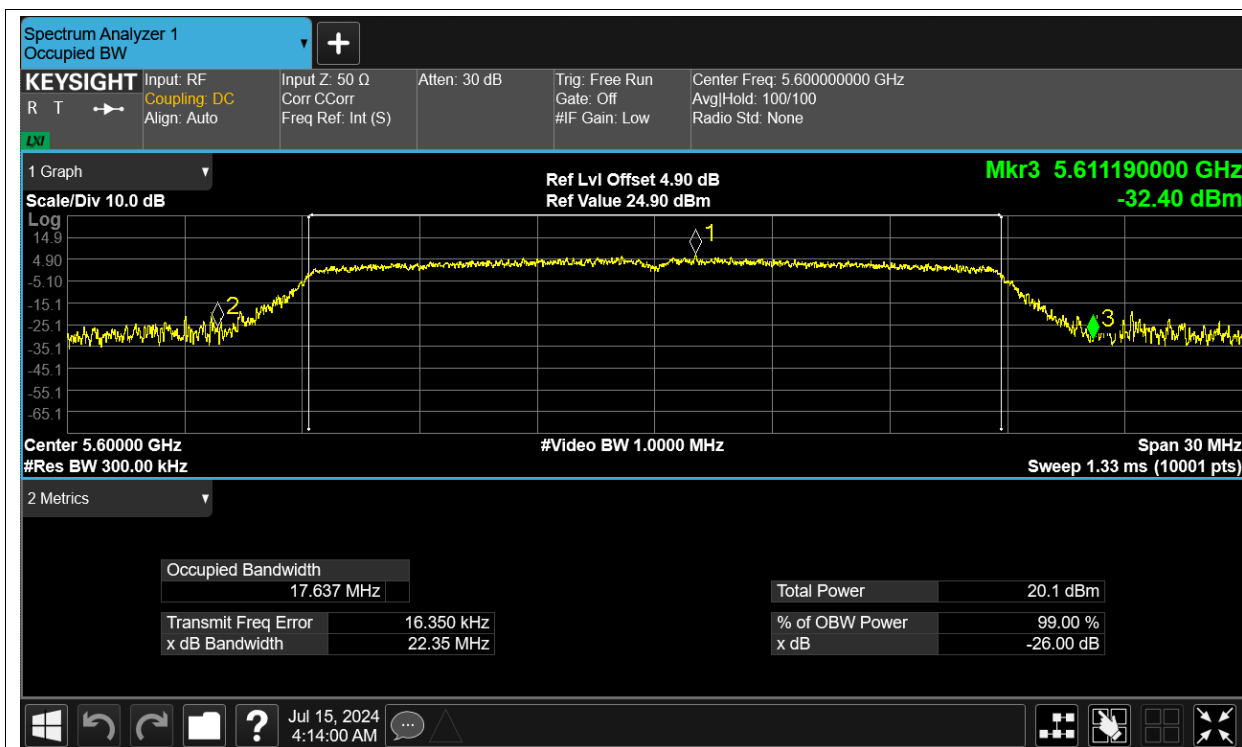
-26dB Bandwidth NVNT a 5700MHz Ant14



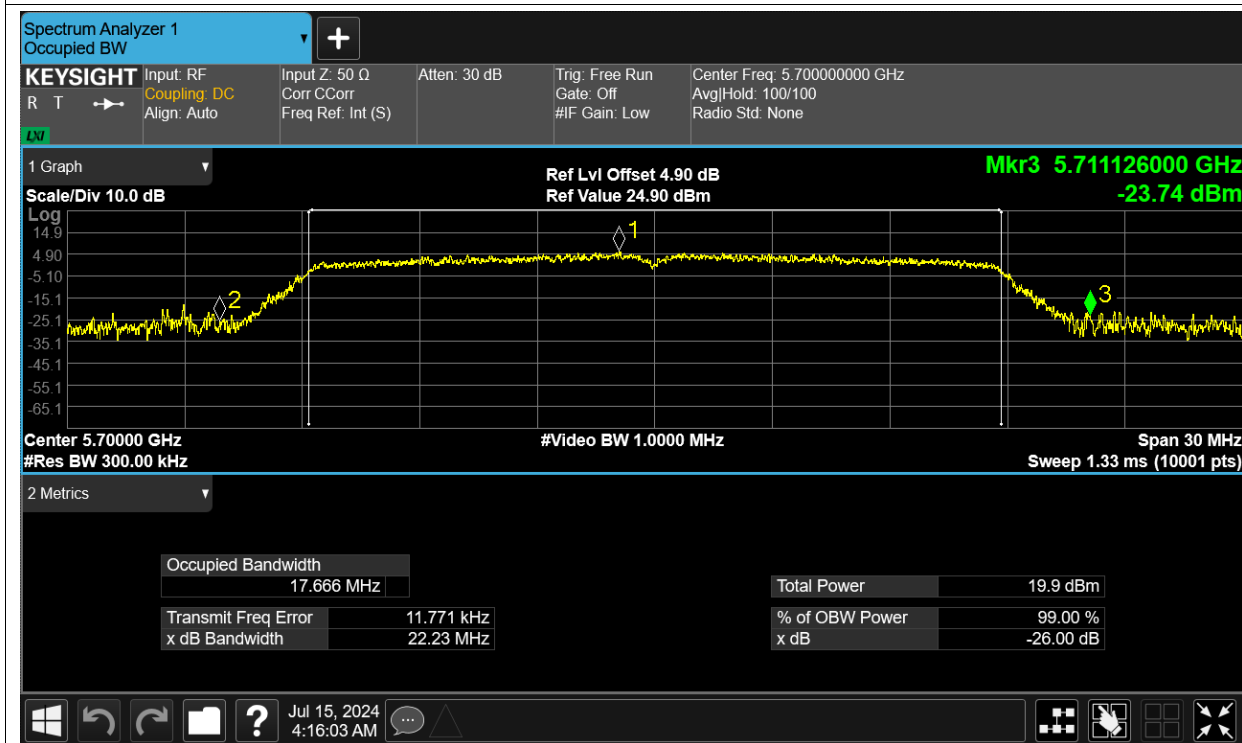
-26dB Bandwidth NVNT ac20 5500MHz Ant14



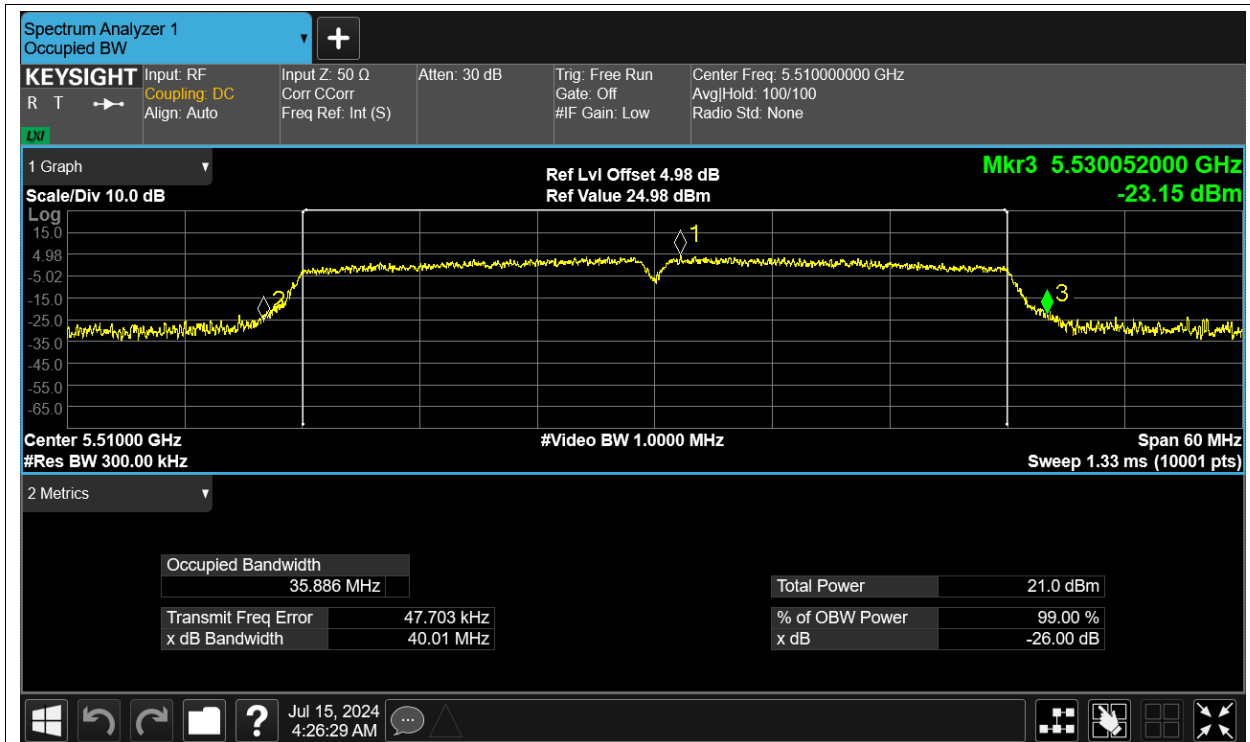
-26dB Bandwidth NVNT ac20 5600MHz Ant14



-26dB Bandwidth NVNT ac20 5700MHz Ant14



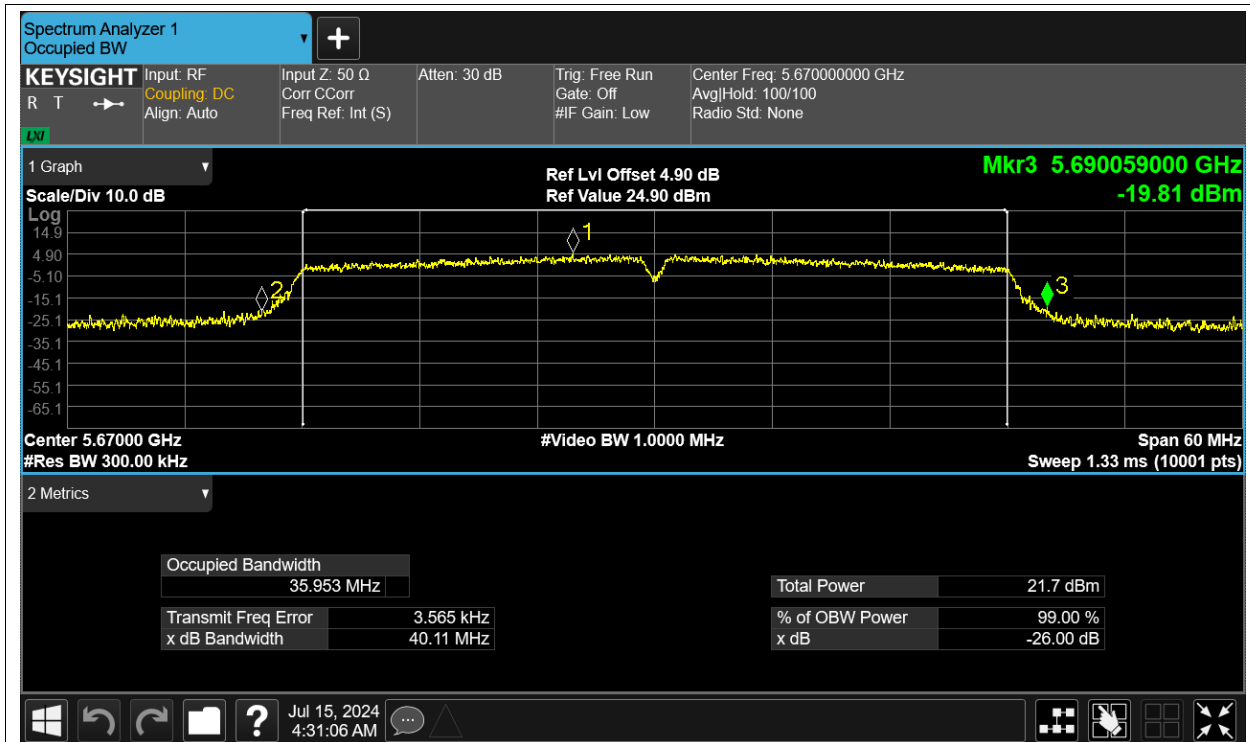
-26dB Bandwidth NVNT ac40 5510MHz Ant14



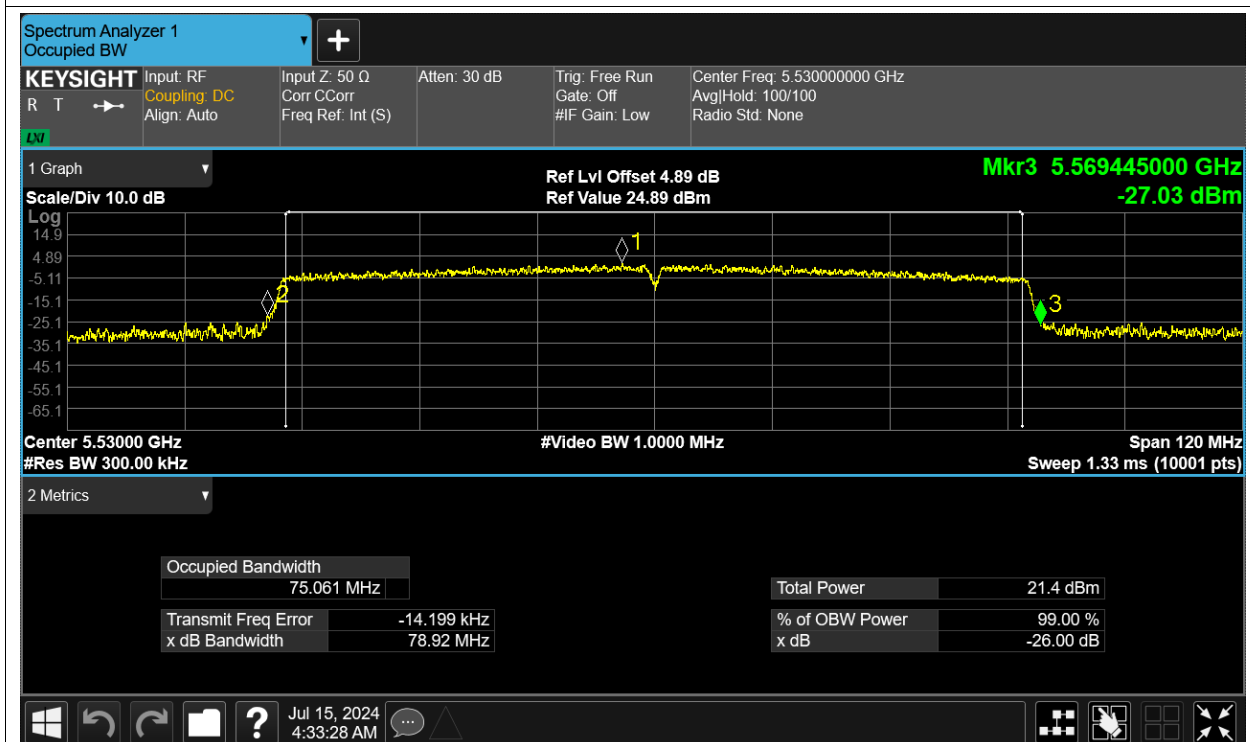
-26dB Bandwidth NVNT ac40 5590MHz Ant14



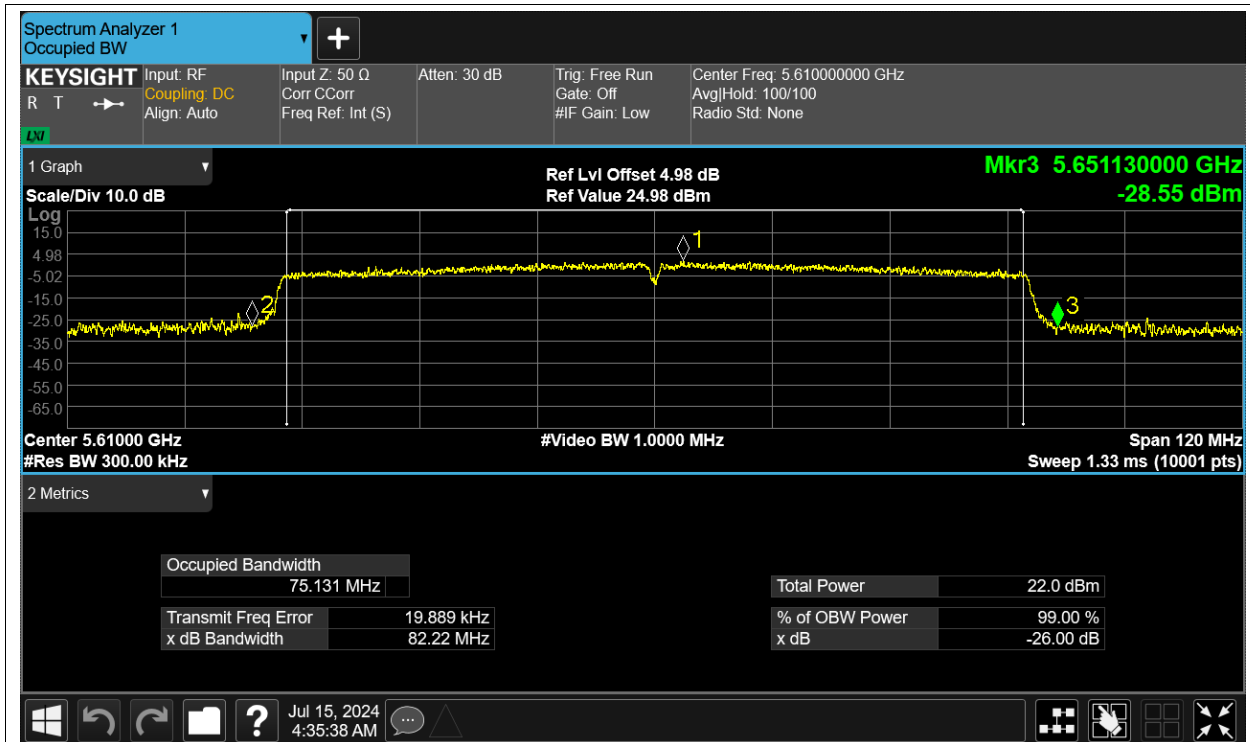
-26dB Bandwidth NVNT ac40 5670MHz Ant14



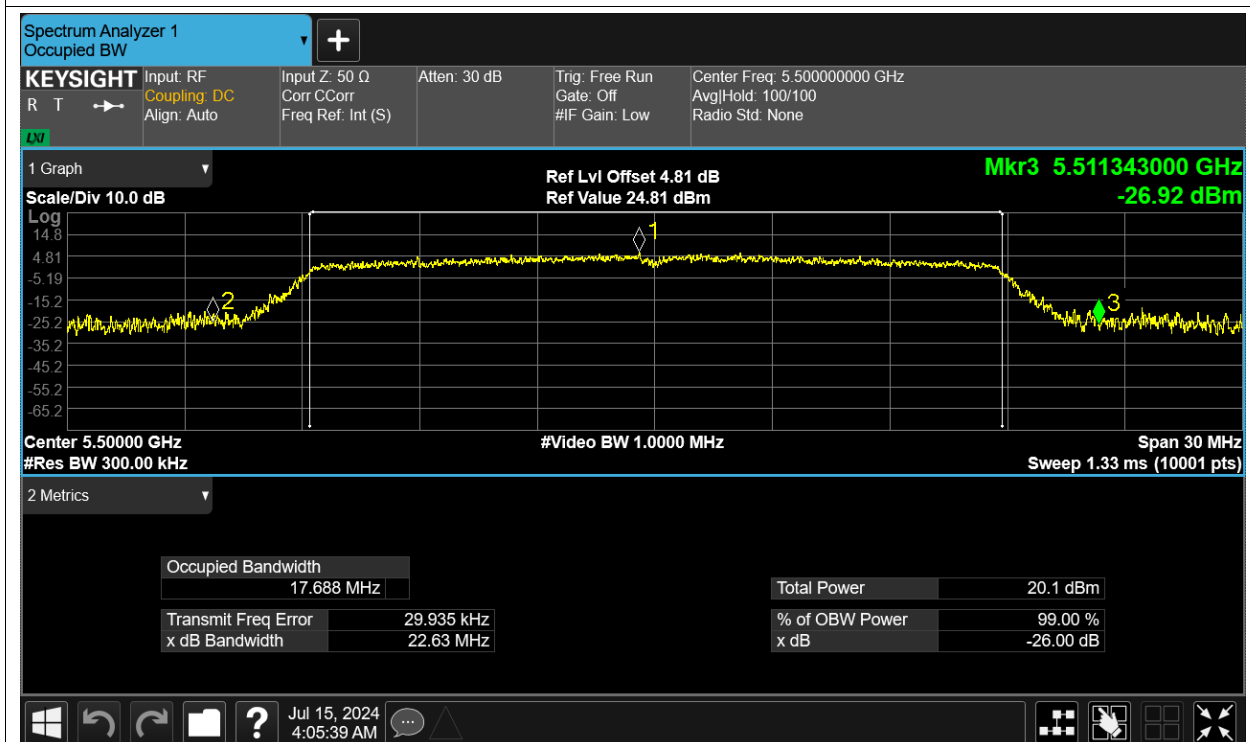
-26dB Bandwidth NVNT ac80 5530MHz Ant14



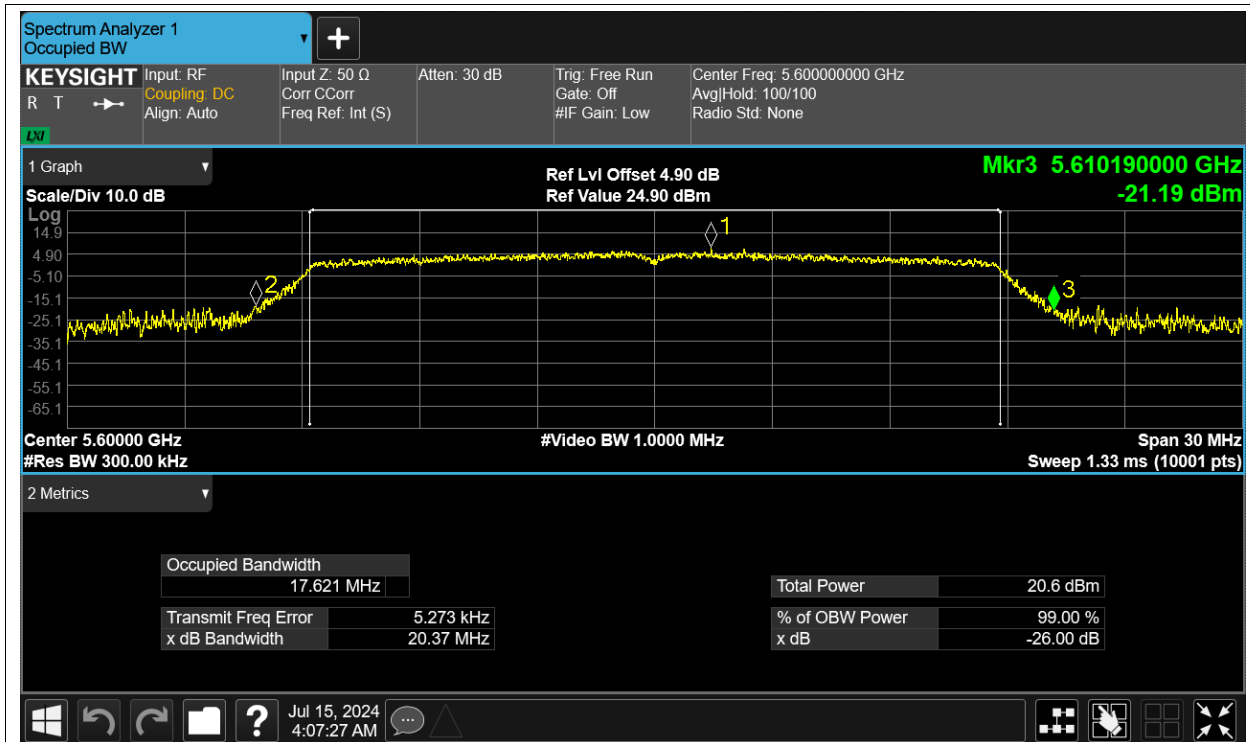
-26dB Bandwidth NVNT ac80 5610MHz Ant14



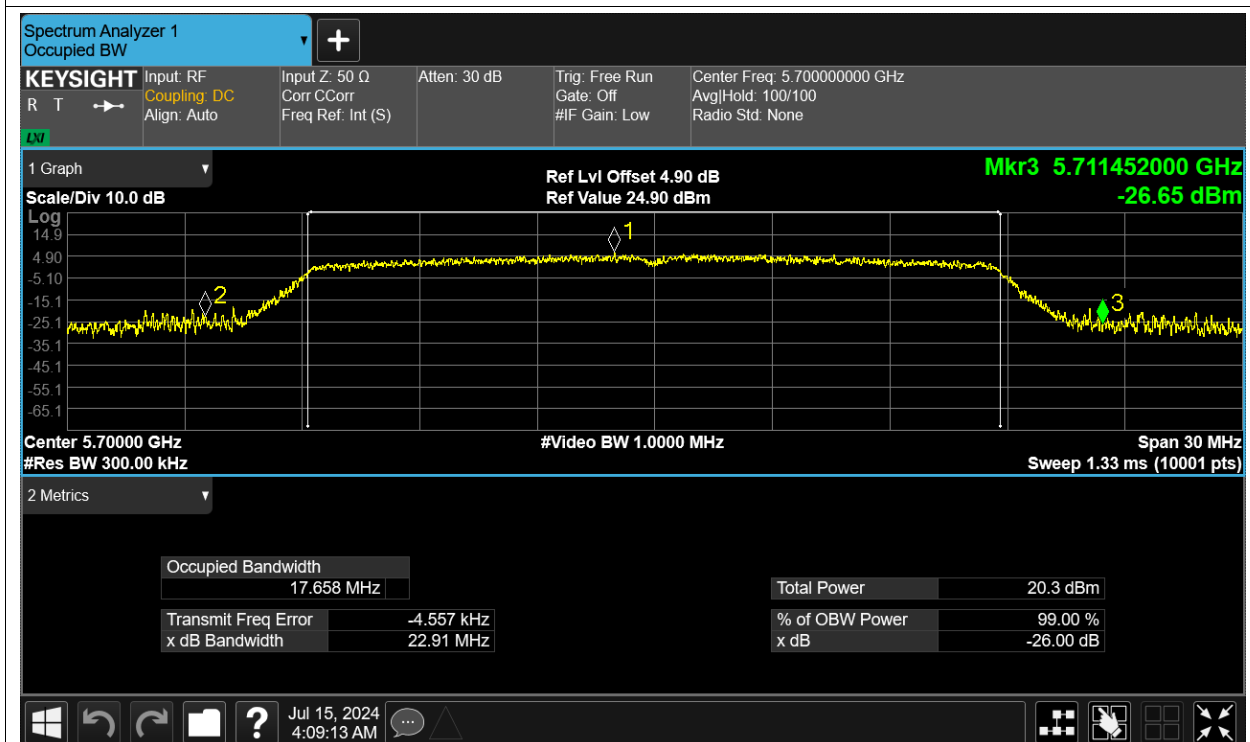
-26dB Bandwidth NVNT n20 5500MHz Ant14



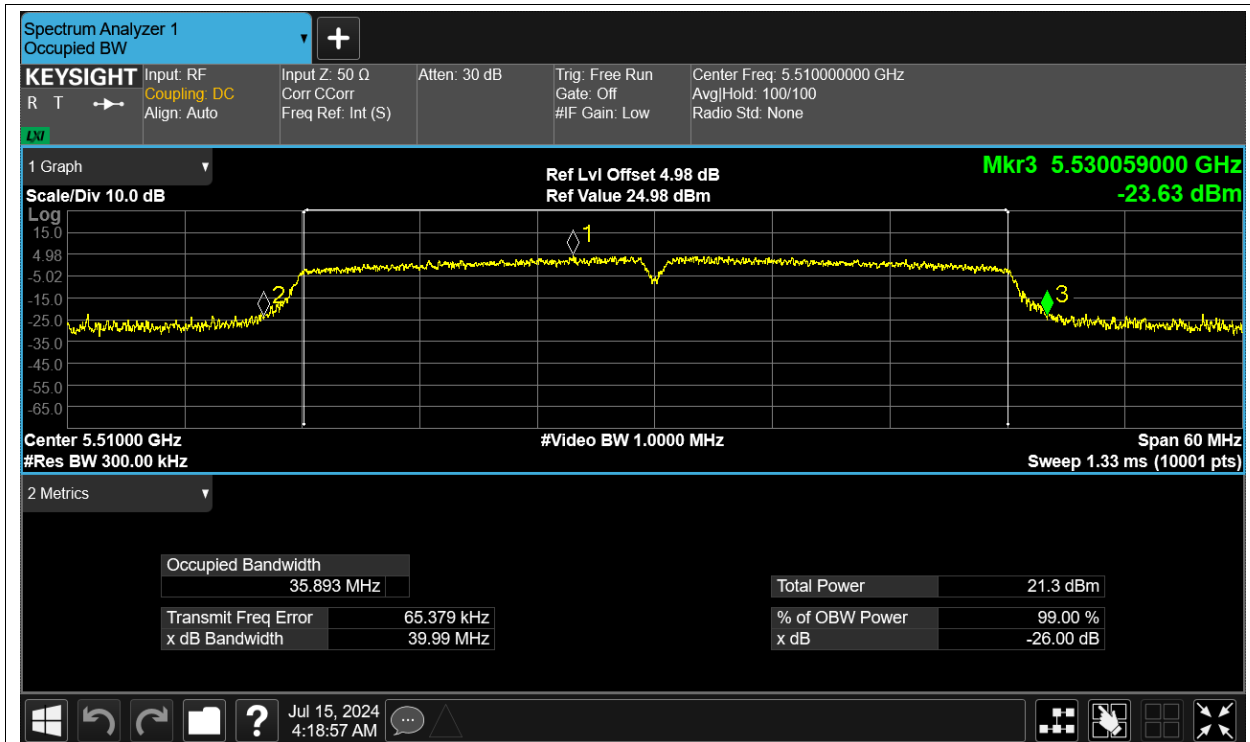
-26dB Bandwidth NVNT n20 5600MHz Ant14



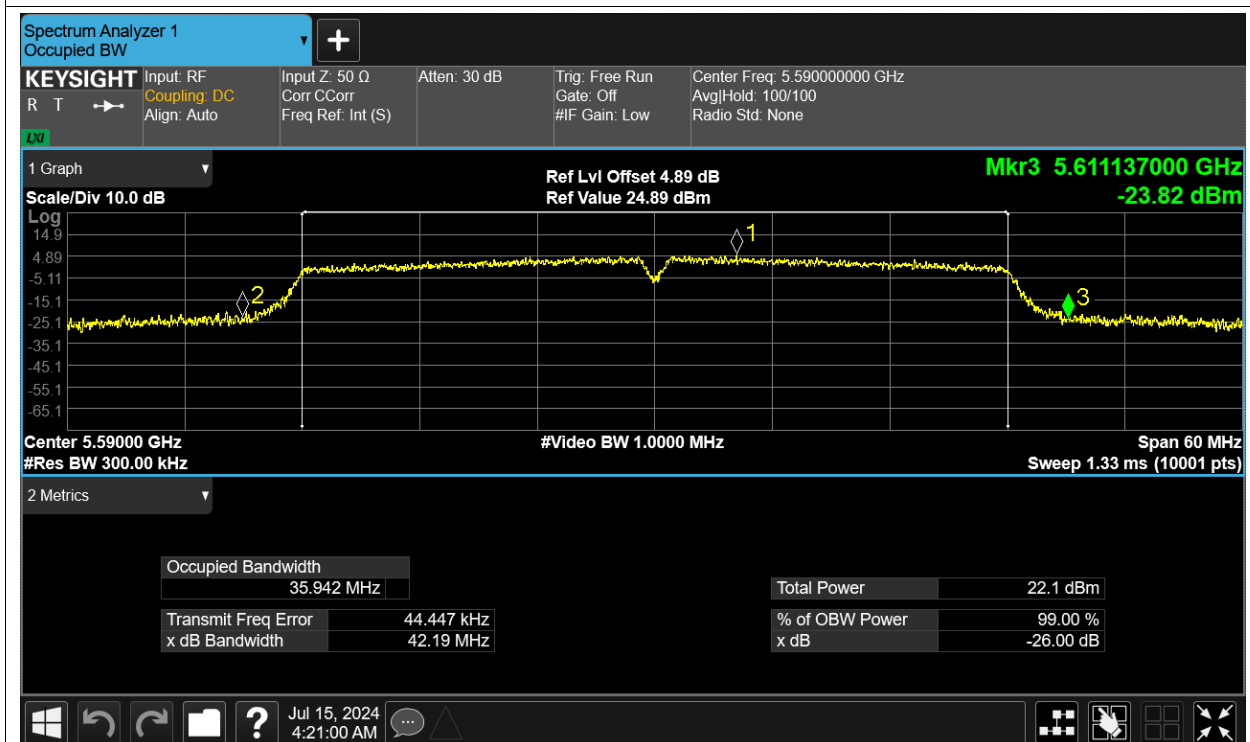
-26dB Bandwidth NVNT n20 5700MHz Ant14



-26dB Bandwidth NVNT n40 5510MHz Ant14



-26dB Bandwidth NVNT n40 5590MHz Ant14



-26dB Bandwidth NVNT n40 5670MHz Ant14

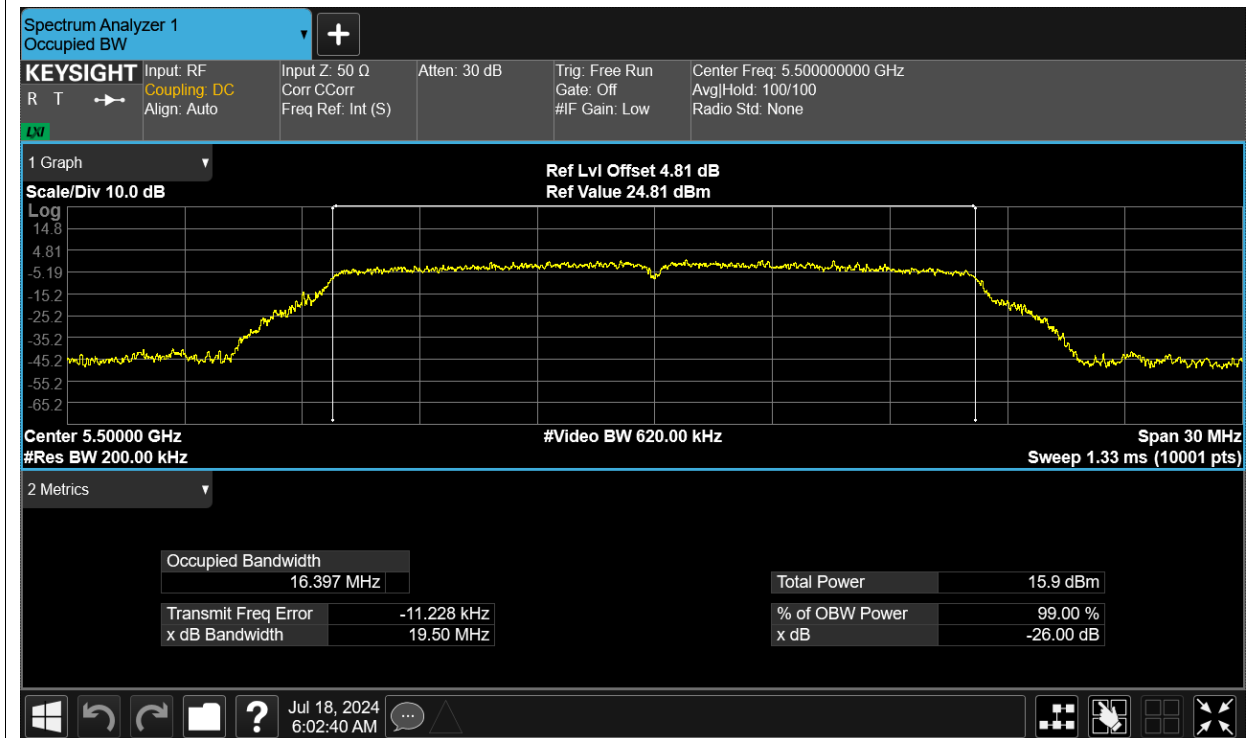


Occupied Channel Bandwidth

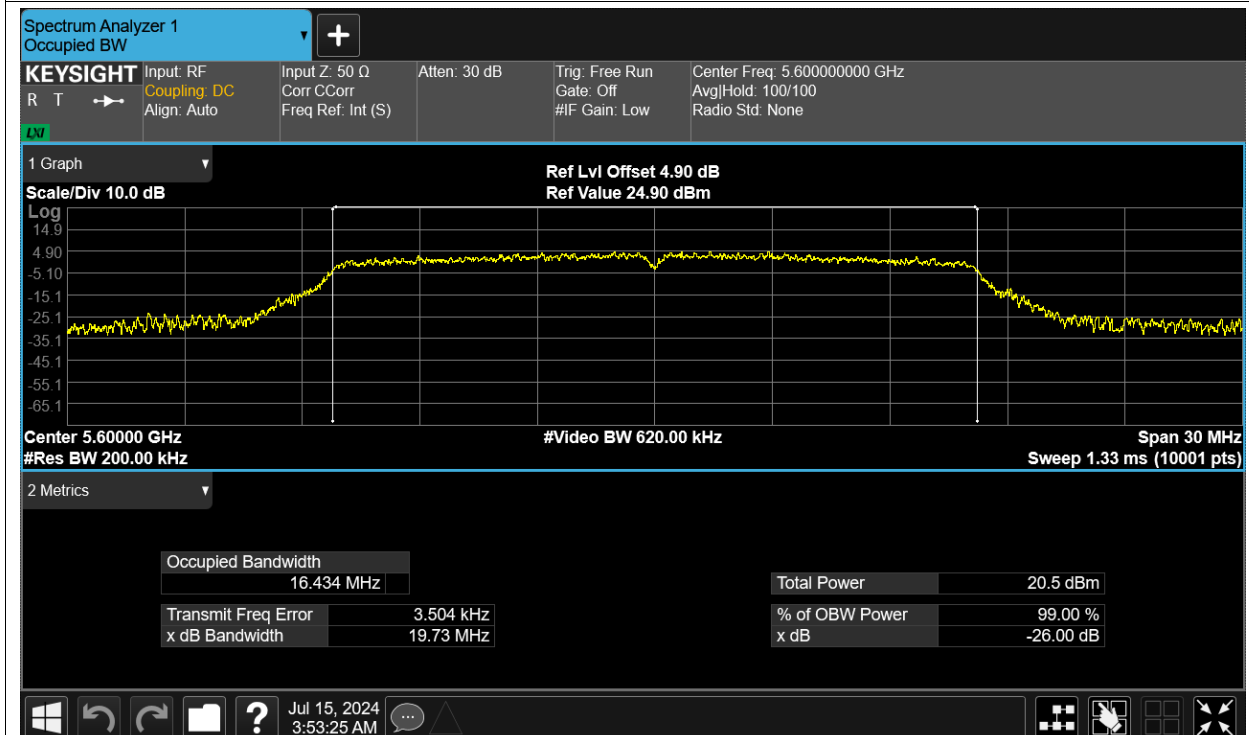
Condition	Mode	Frequency (MHz)	Antenna	99% OBW (MHz)
NVNT	a	5500	Ant14	16.397
NVNT	a	5600	Ant14	16.434
NVNT	a	5700	Ant14	16.455
NVNT	ac20	5500	Ant14	17.582
NVNT	ac20	5600	Ant14	17.575
NVNT	ac20	5700	Ant14	17.62
NVNT	ac40	5510	Ant14	35.903
NVNT	ac40	5590	Ant14	35.996
NVNT	ac40	5670	Ant14	36
NVNT	ac80	5530	Ant14	75.086
NVNT	ac80	5610	Ant14	75.142
NVNT	n20	5500	Ant14	17.589
NVNT	n20	5600	Ant14	17.589
NVNT	n20	5700	Ant14	17.581
NVNT	n40	5510	Ant14	35.999
NVNT	n40	5590	Ant14	35.985
NVNT	n40	5670	Ant14	36.015

Test Graphs

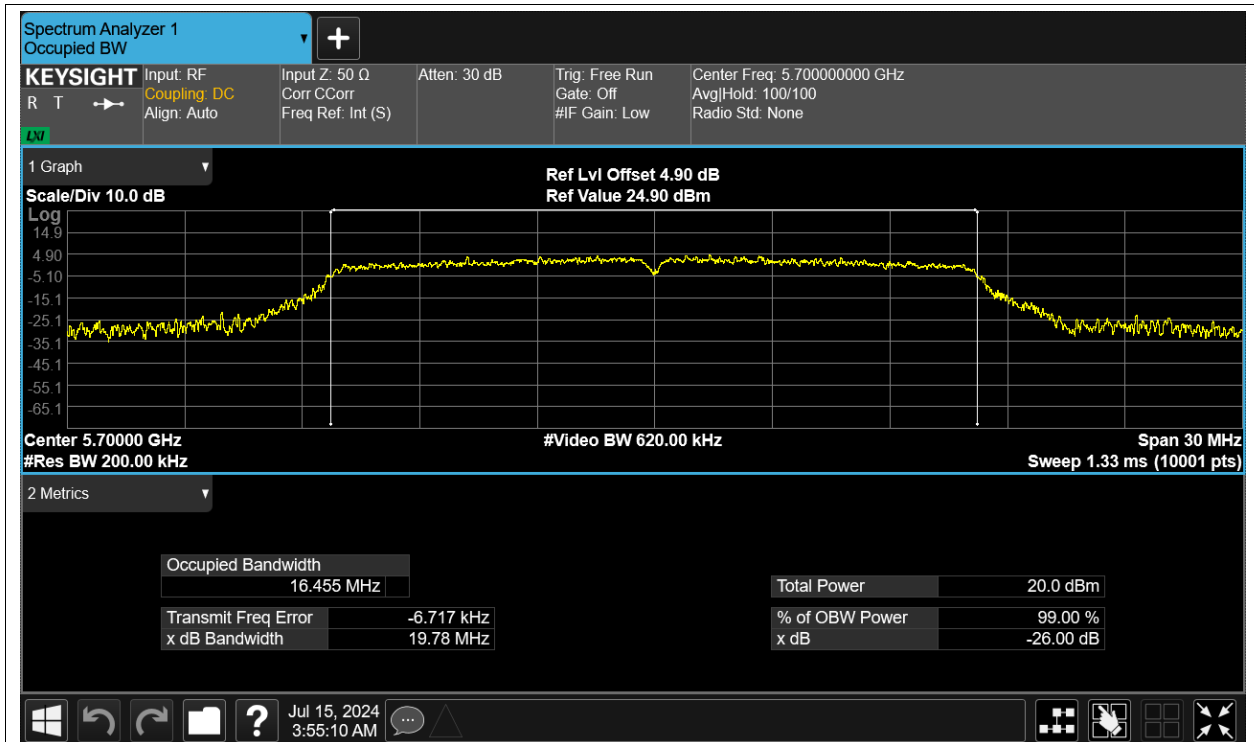
OBW NVNT a 5500MHz Ant14



OBW NVNT a 5600MHz Ant14



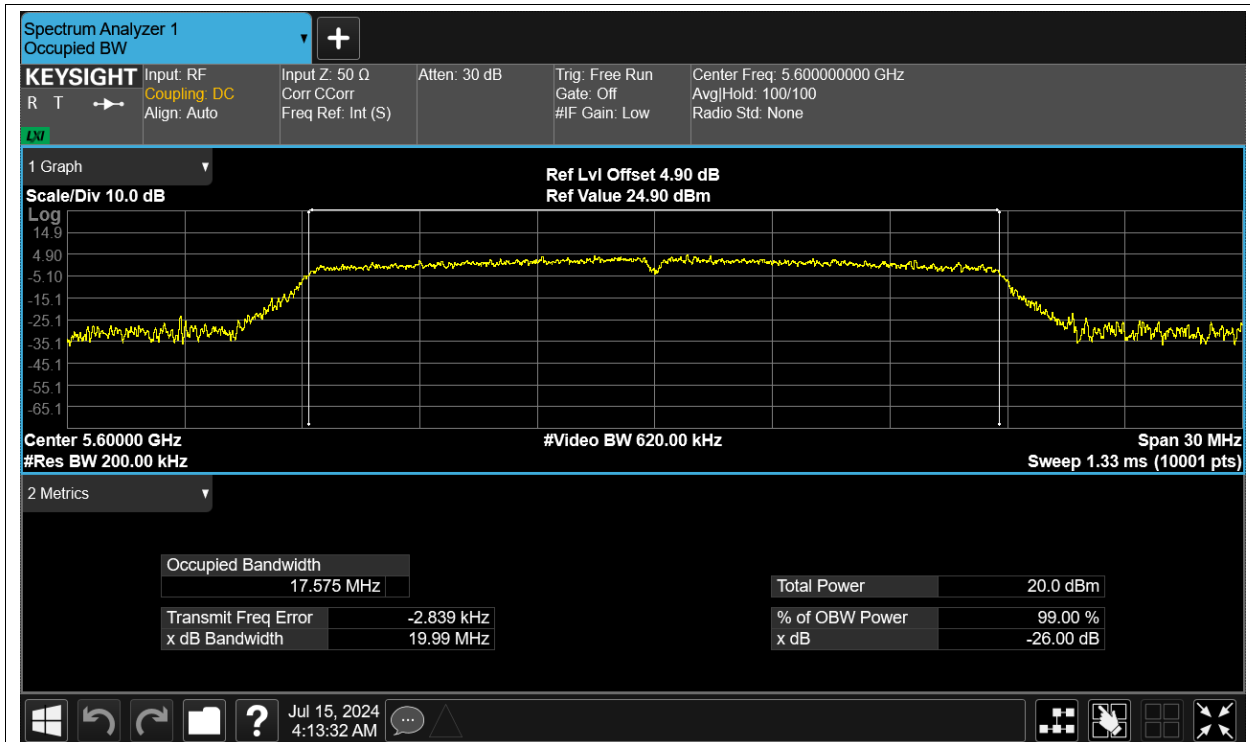
OBW NVNT a 5700MHz Ant14



OBW NVNT ac20 5500MHz Ant14



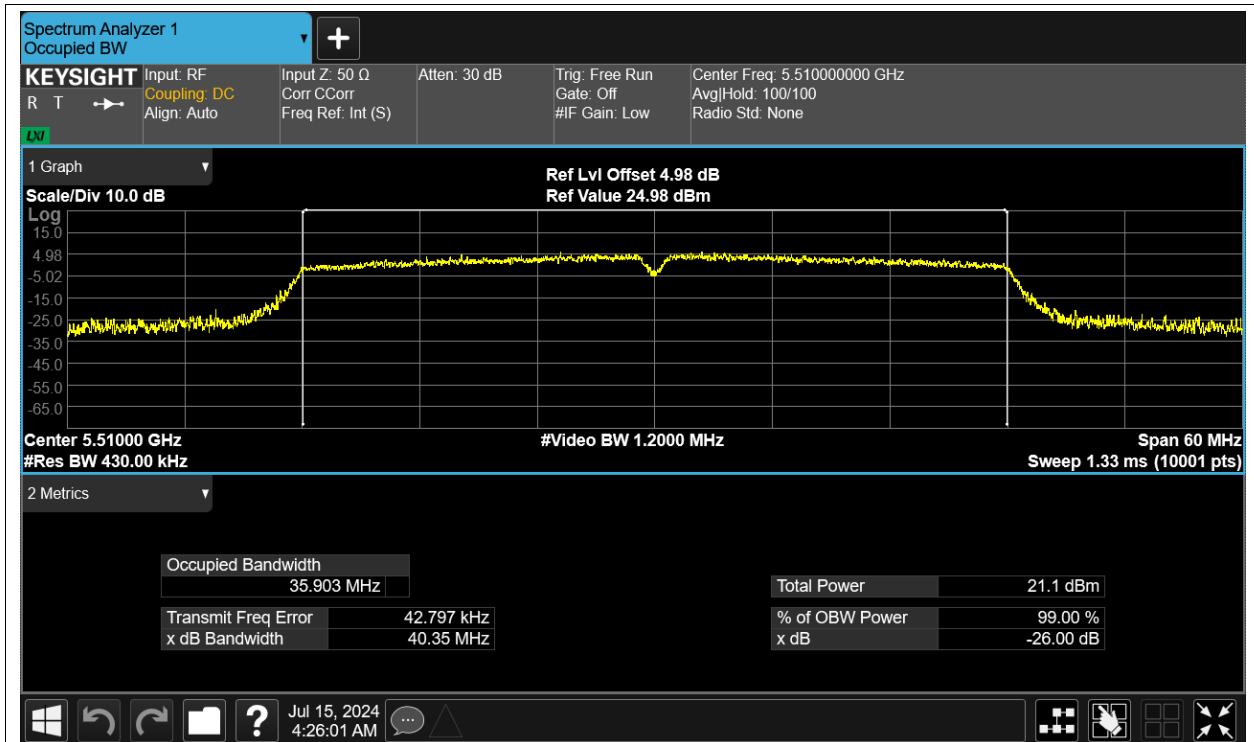
OBW NVNT ac20 5600MHz Ant14



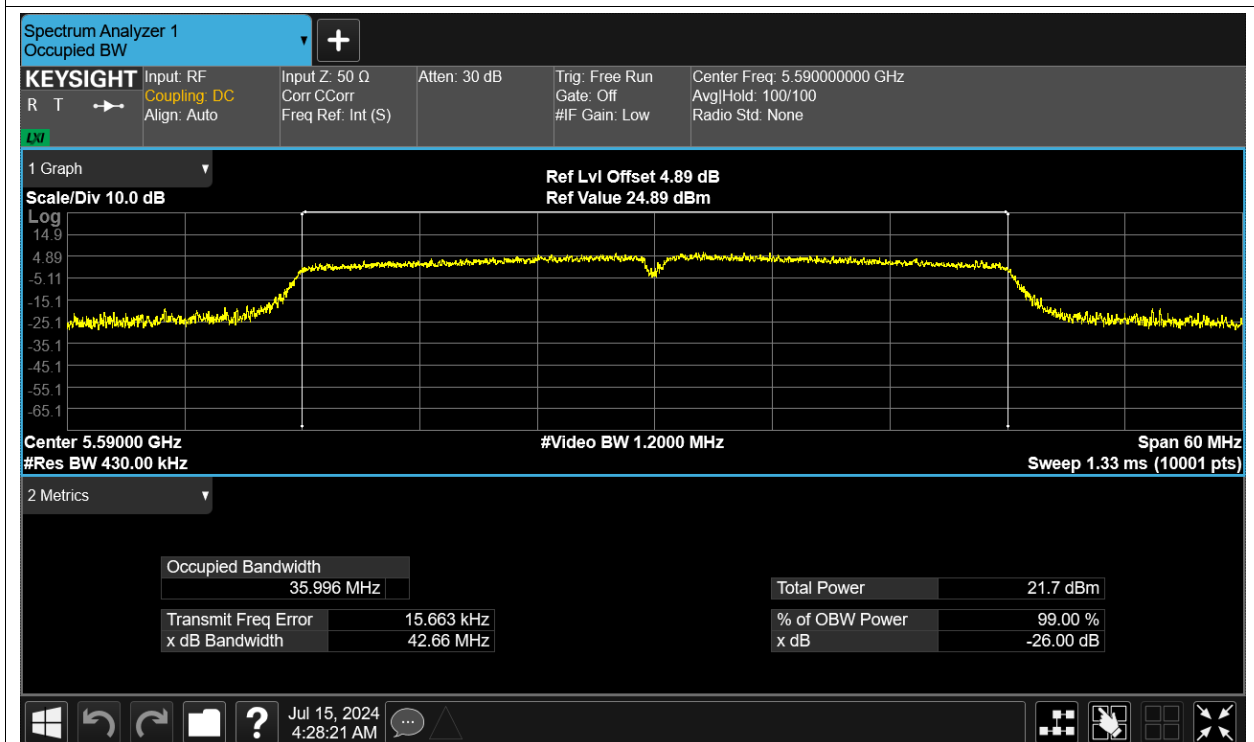
OBW NVNT ac20 5700MHz Ant14



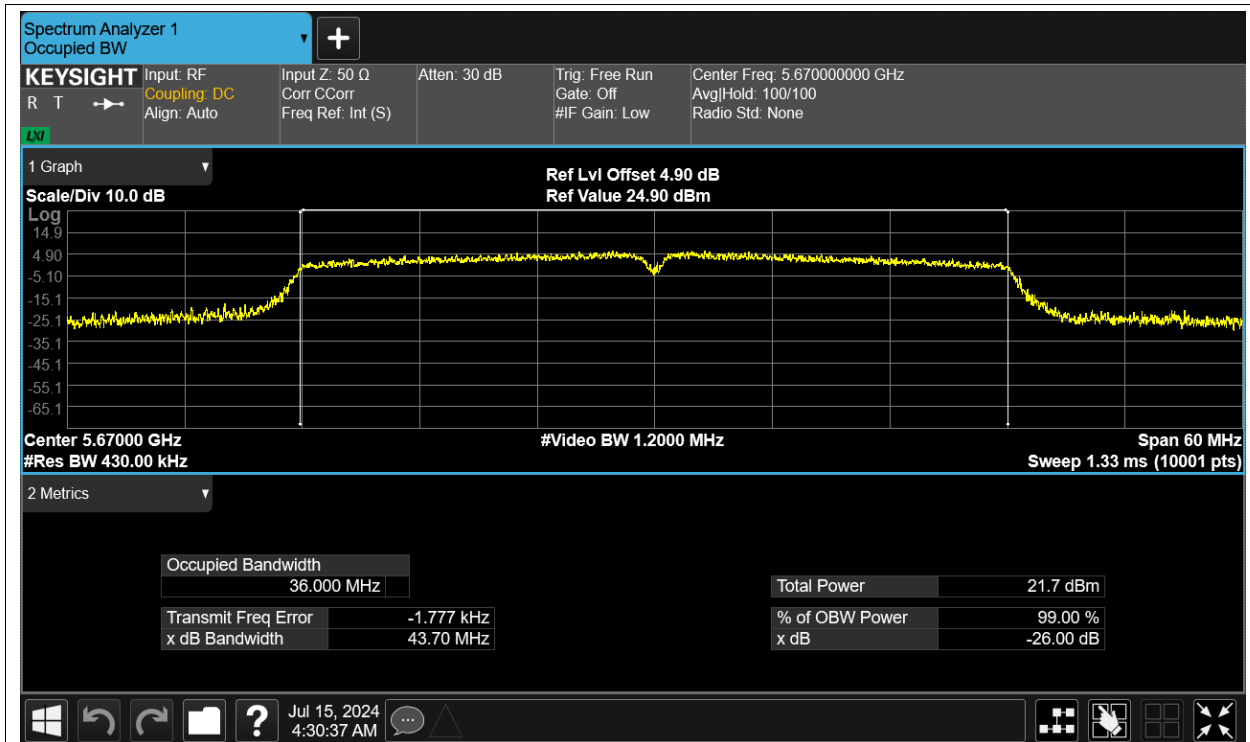
OBW NVNT ac40 5510MHz Ant14



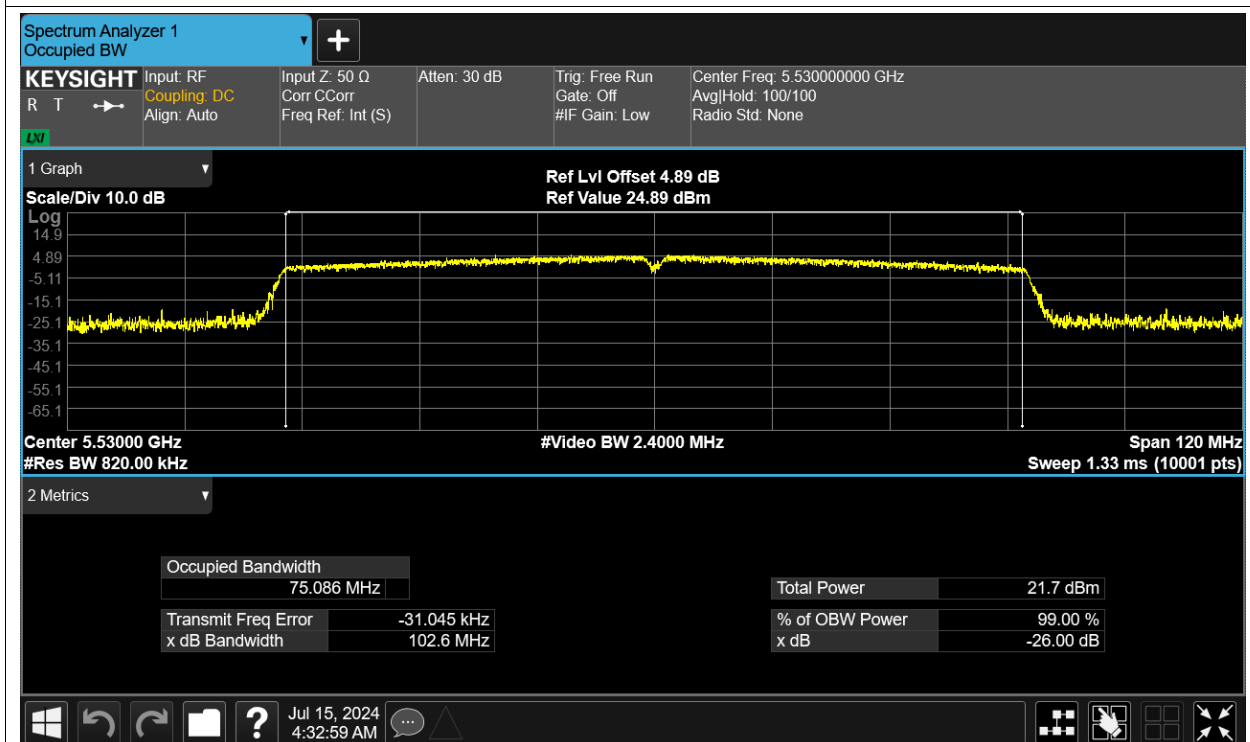
OBW NVNT ac40 5590MHz Ant14



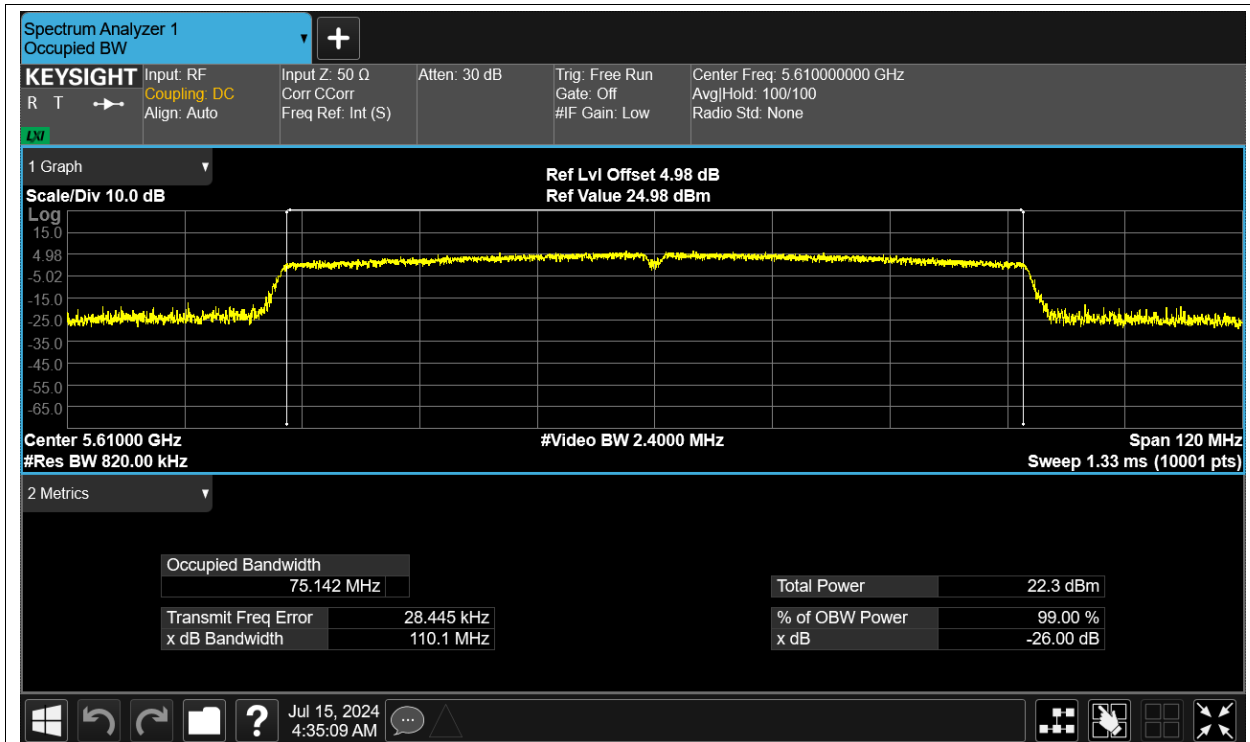
OBW NVNT ac40 5670MHz Ant14



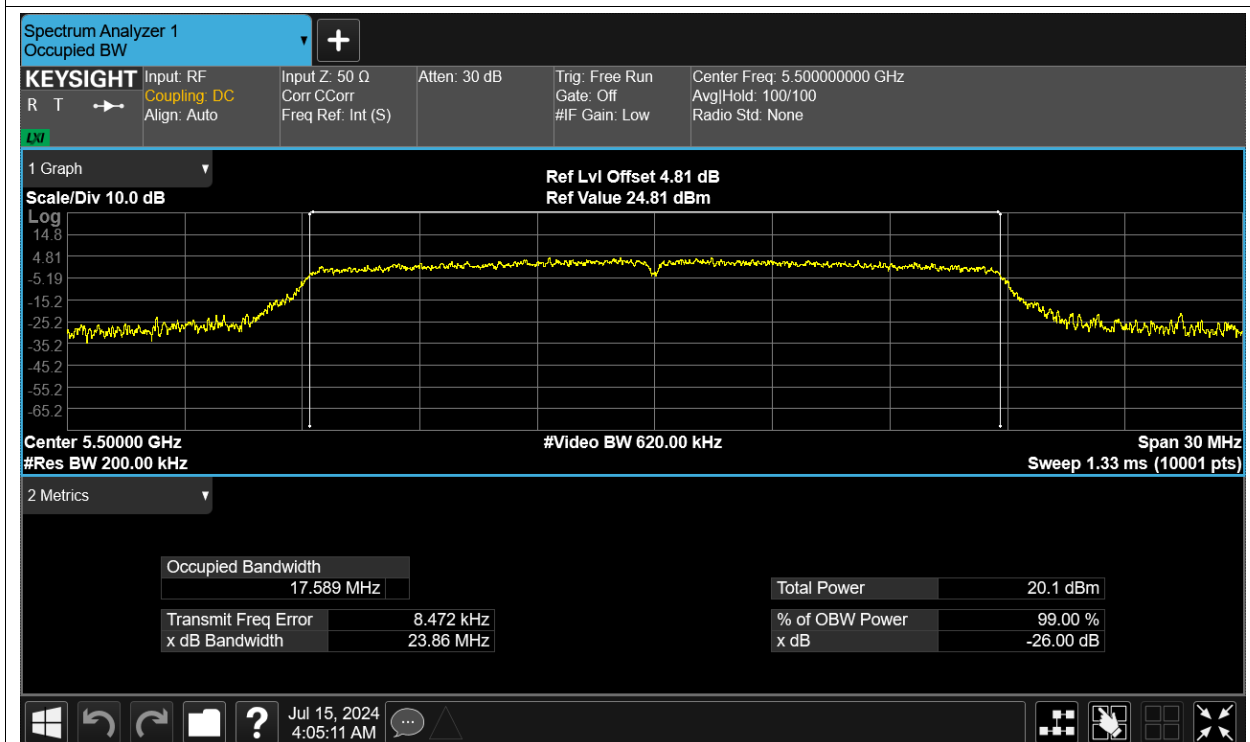
OBW NVNT ac80 5530MHz Ant14



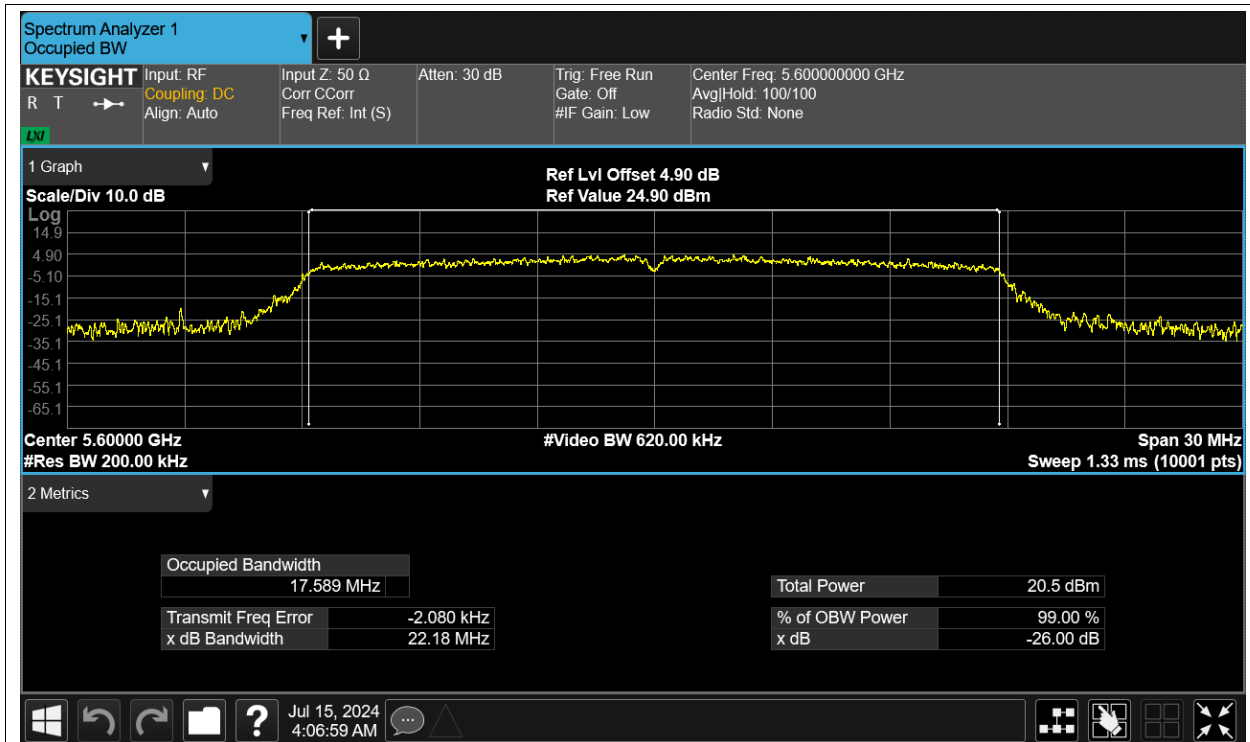
OBW NVNT ac80 5610MHz Ant14



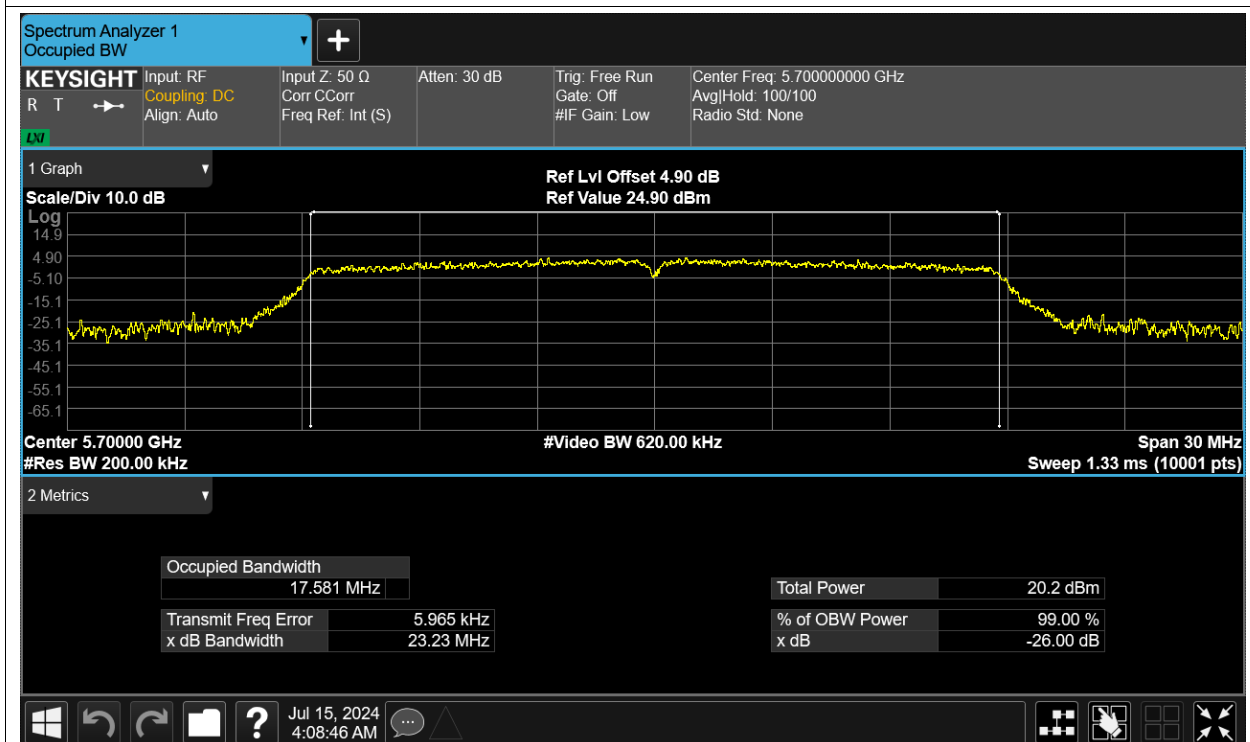
OBW NVNT n20 5500MHz Ant14



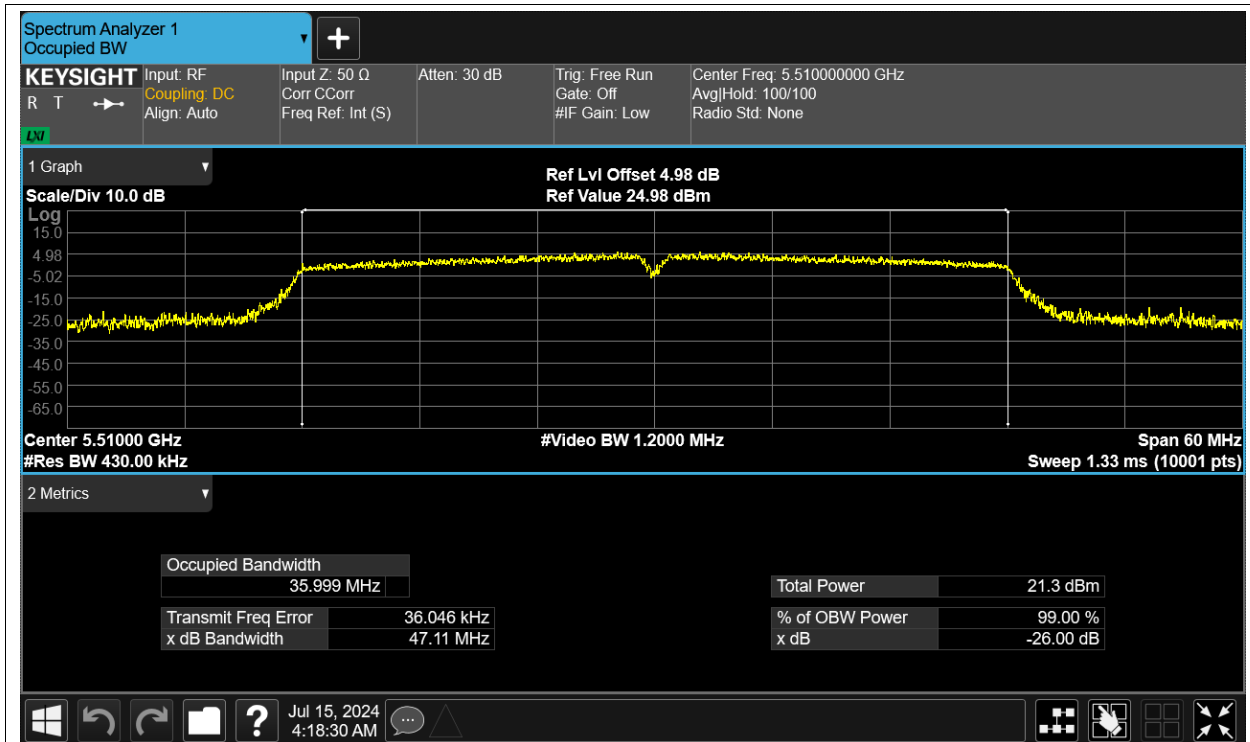
OBW NVNT n20 5600MHz Ant14



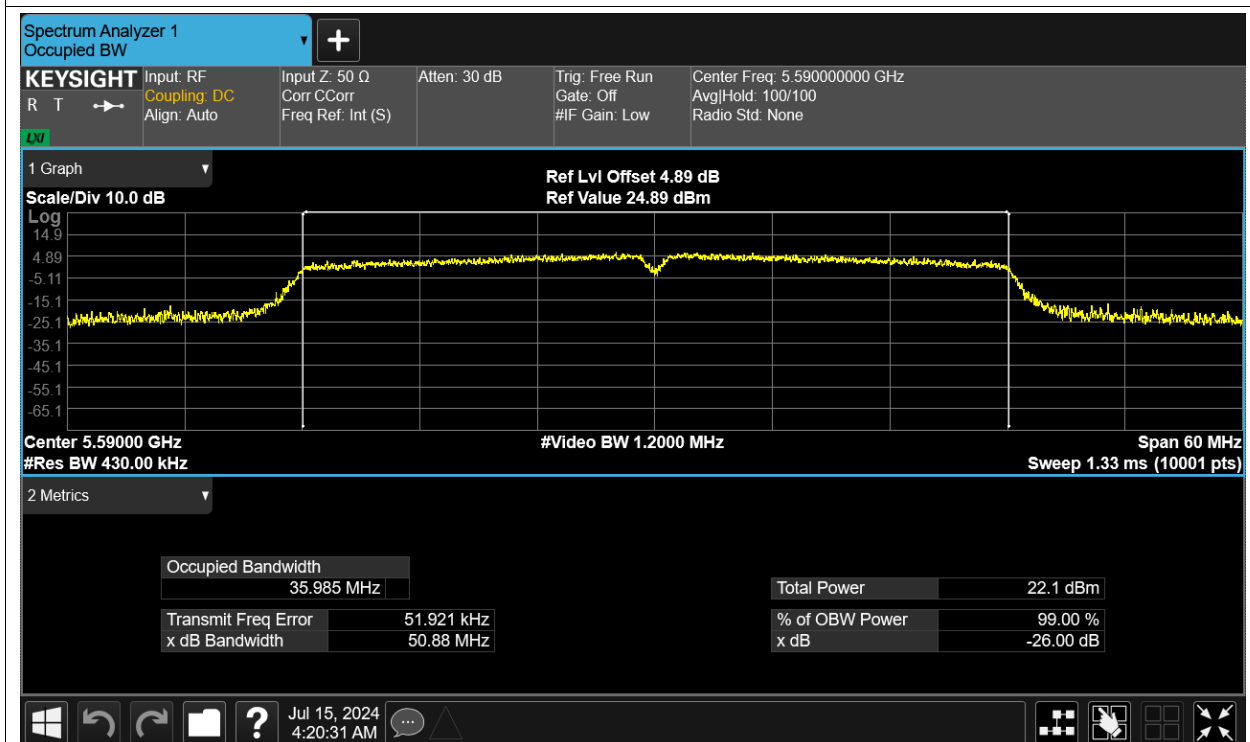
OBW NVNT n20 5700MHz Ant14



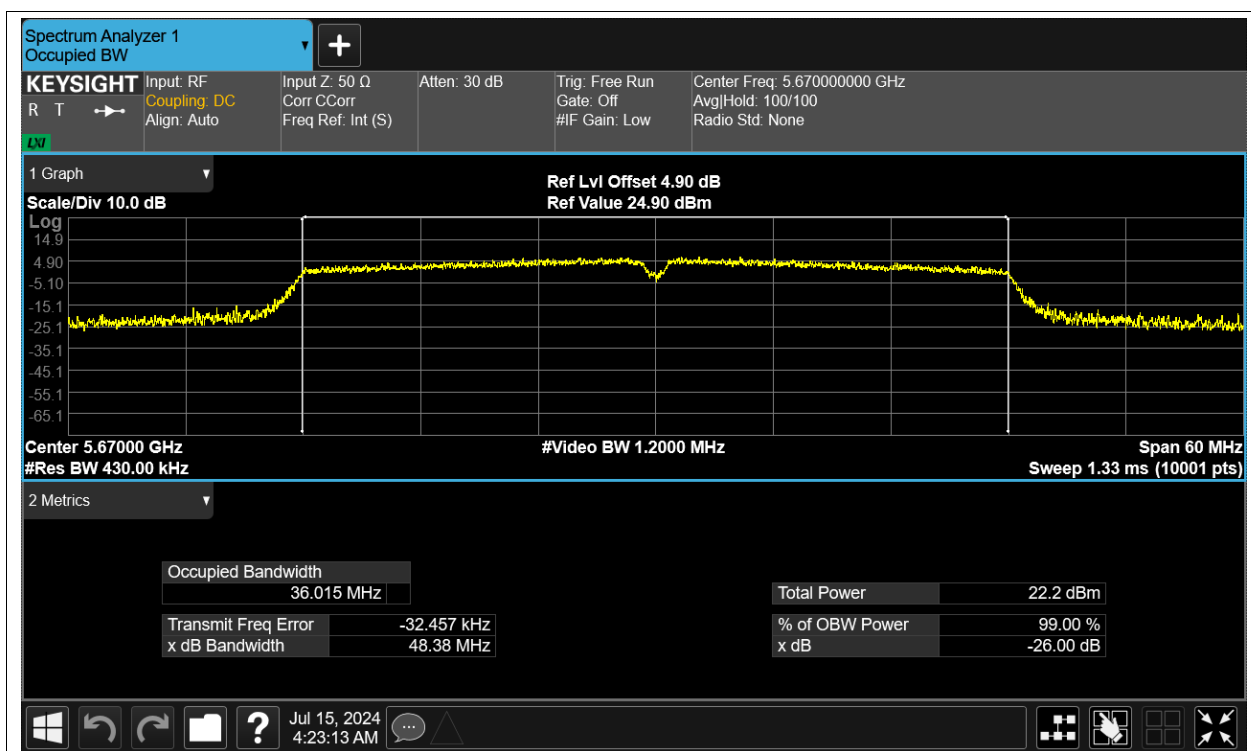
OBW NVNT n40 5510MHz Ant14



OBW NVNT n40 5590MHz Ant14



OBW NVNT n40 5670MHz Ant14



Maximum Power Spectral Density Level

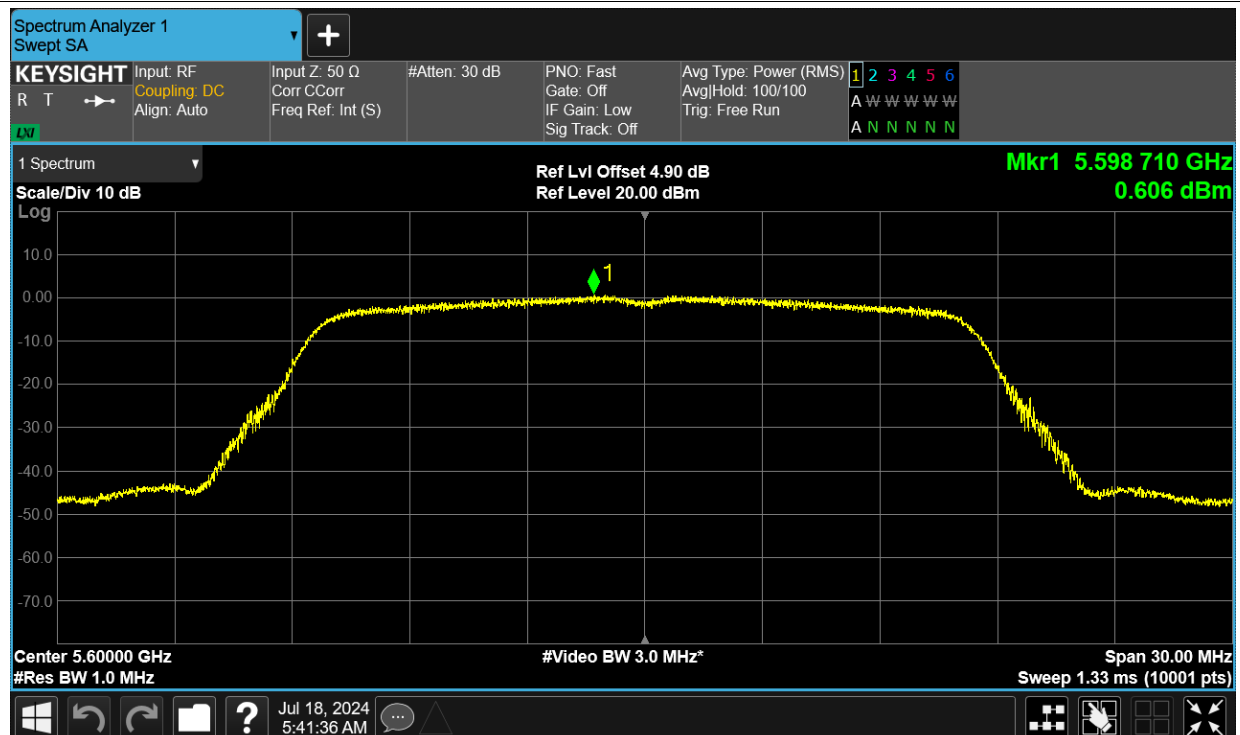
Condition	Mode	Frequency (MHz)	Antenna	Max PSD (dBm)	Limit (dBm)	Verdict
NVNT	a	5500	Ant14	1.432	11	Pass
NVNT	a	5600	Ant14	0.606	11	Pass
NVNT	a	5700	Ant14	0.282	11	Pass
NVNT	ac20	5500	Ant14	2.972	11	Pass
NVNT	ac20	5600	Ant14	3.301	11	Pass
NVNT	ac20	5700	Ant14	3.269	11	Pass
NVNT	ac40	5510	Ant14	-2.695	11	Pass
NVNT	ac40	5590	Ant14	-3.045	11	Pass
NVNT	ac40	5670	Ant14	-3.315	11	Pass
NVNT	ac80	5530	Ant14	-7.118	11	Pass
NVNT	ac80	5610	Ant14	-7.299	11	Pass
NVNT	n20	5500	Ant14	3.507	11	Pass
NVNT	n20	5600	Ant14	3.252	11	Pass
NVNT	n20	5700	Ant14	3.123	11	Pass
NVNT	n40	5510	Ant14	-3.283	11	Pass
NVNT	n40	5590	Ant14	-3.009	11	Pass
NVNT	n40	5670	Ant14	-3.104	11	Pass

Test Graphs

PSD NVNT a 5500MHz Ant14



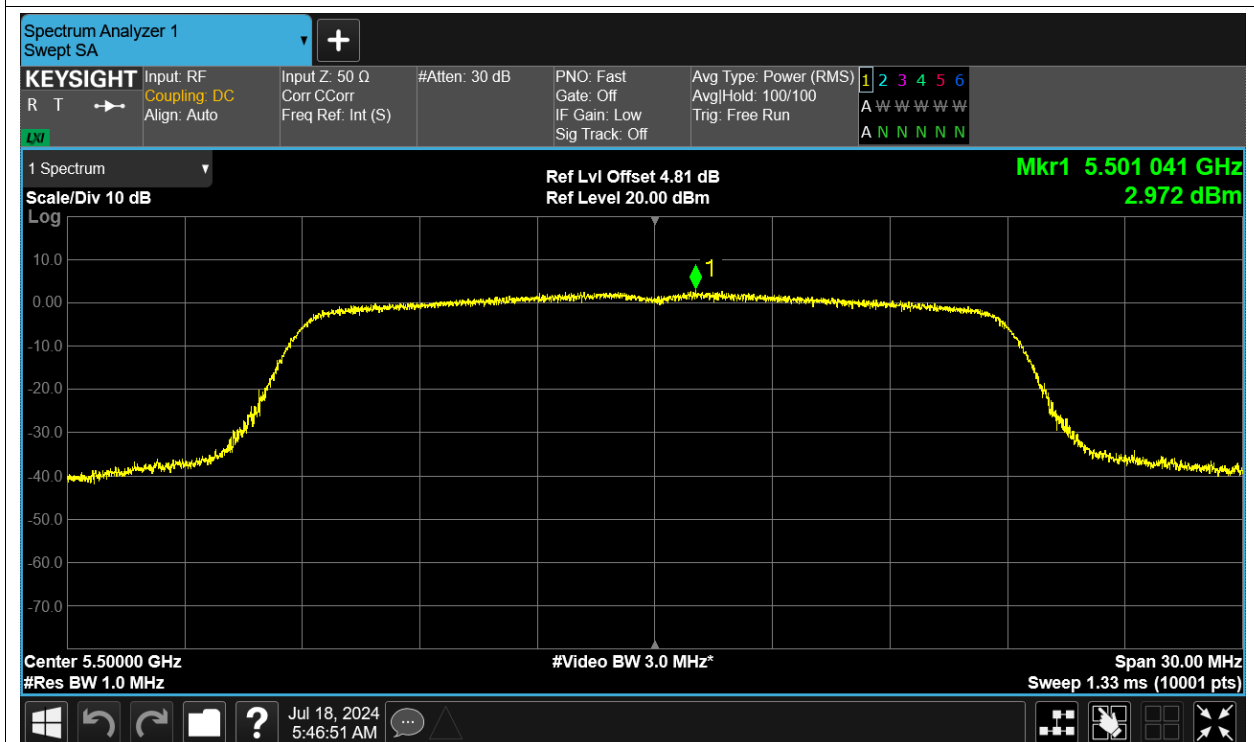
PSD NVNT a 5600MHz Ant14



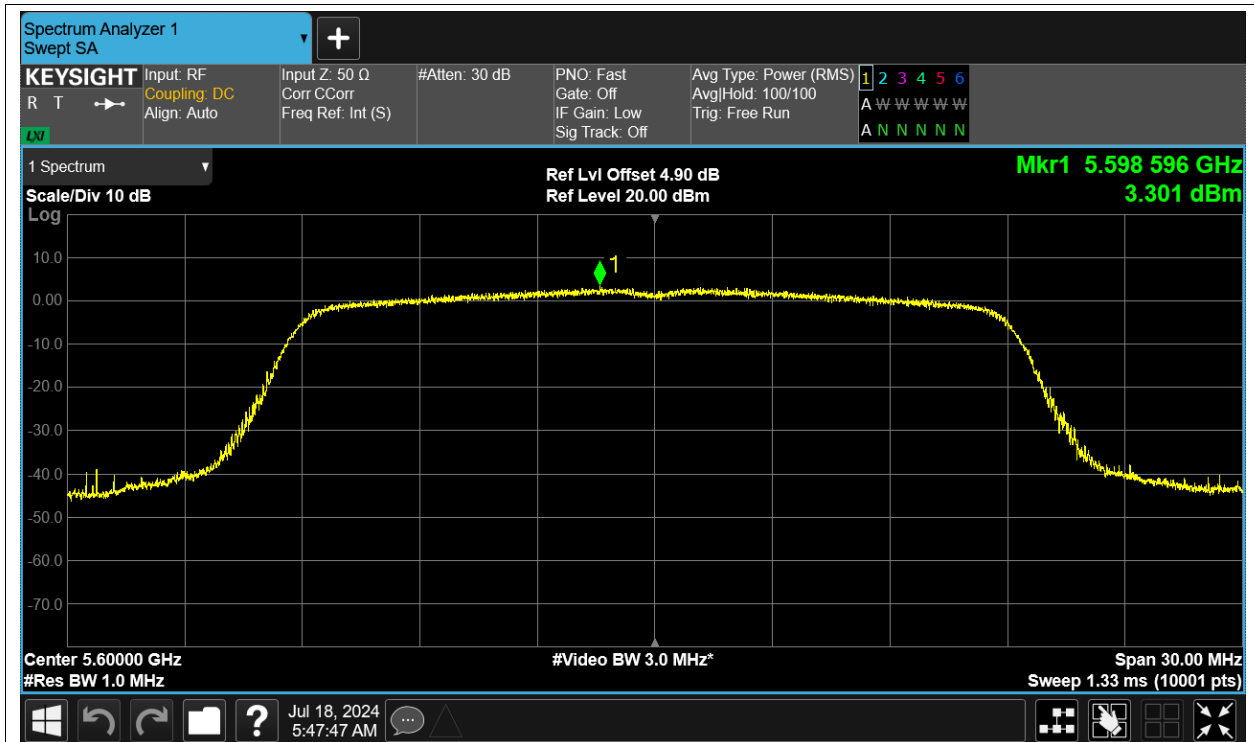
PSD NVNT a 5700MHz Ant14



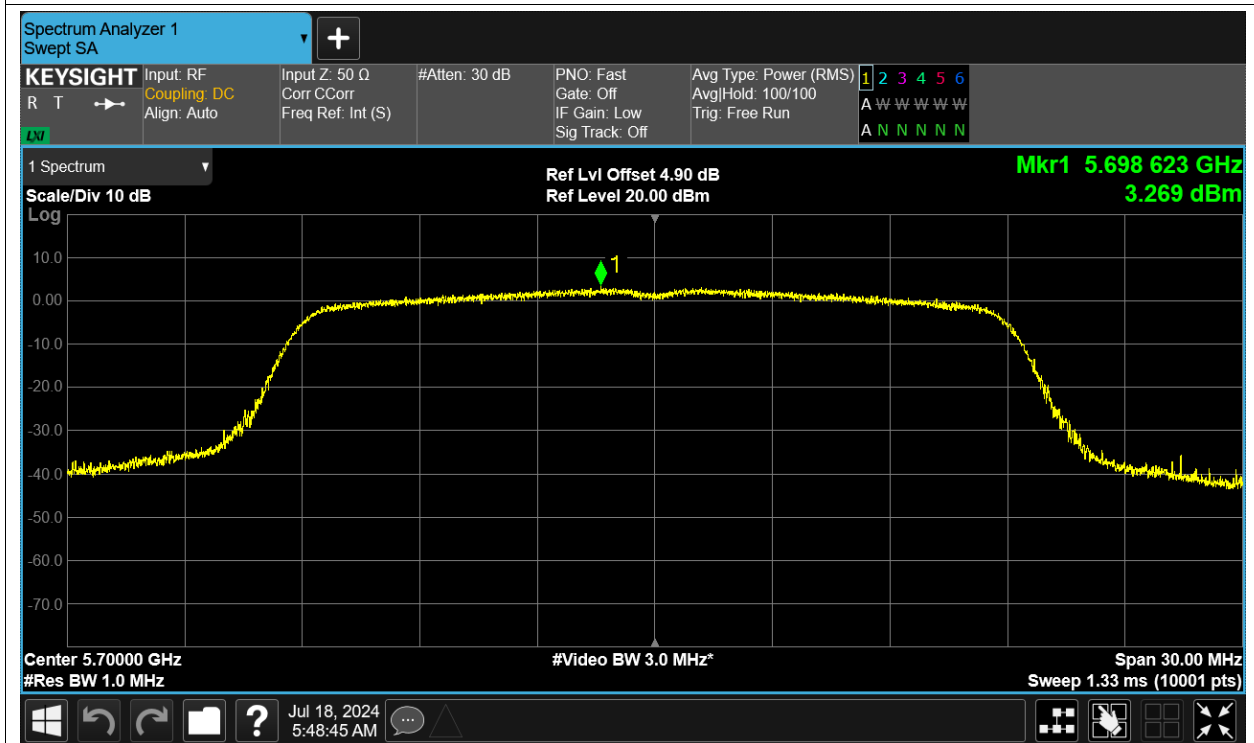
PSD NVNT ac20 5500MHz Ant14



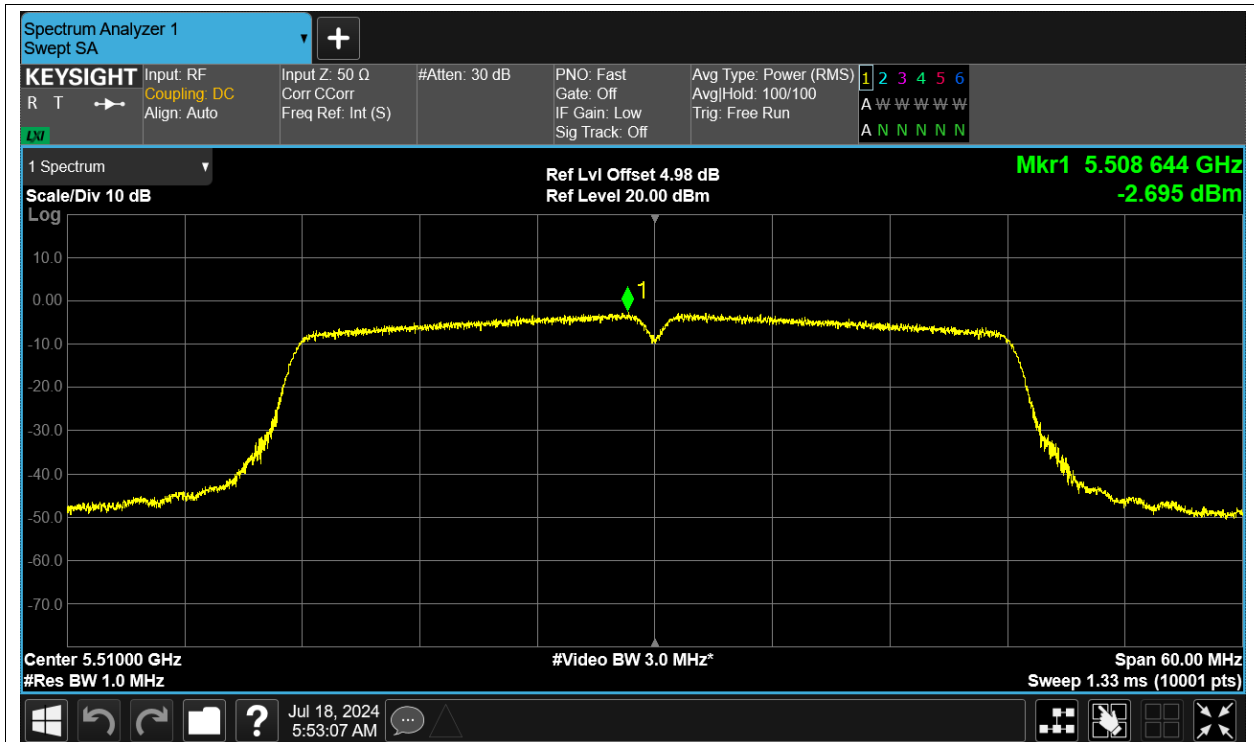
PSD NVNT ac20 5600MHz Ant14



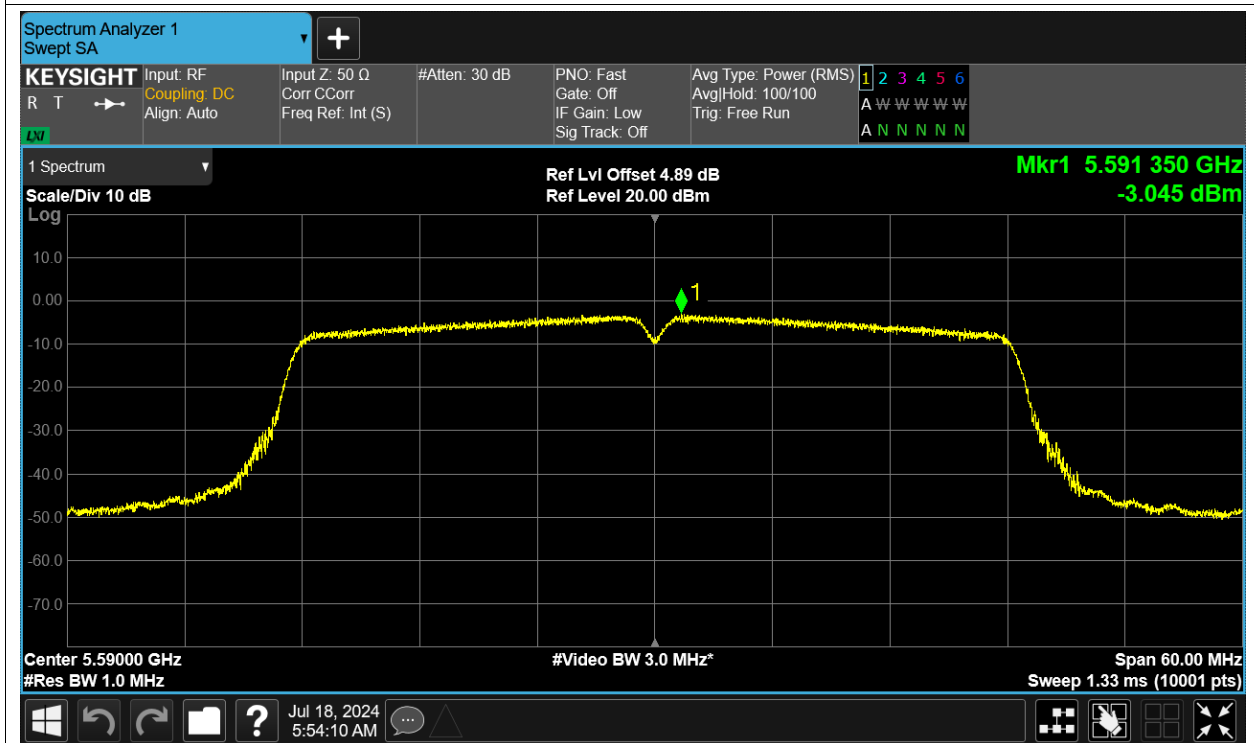
PSD NVNT ac20 5700MHz Ant14



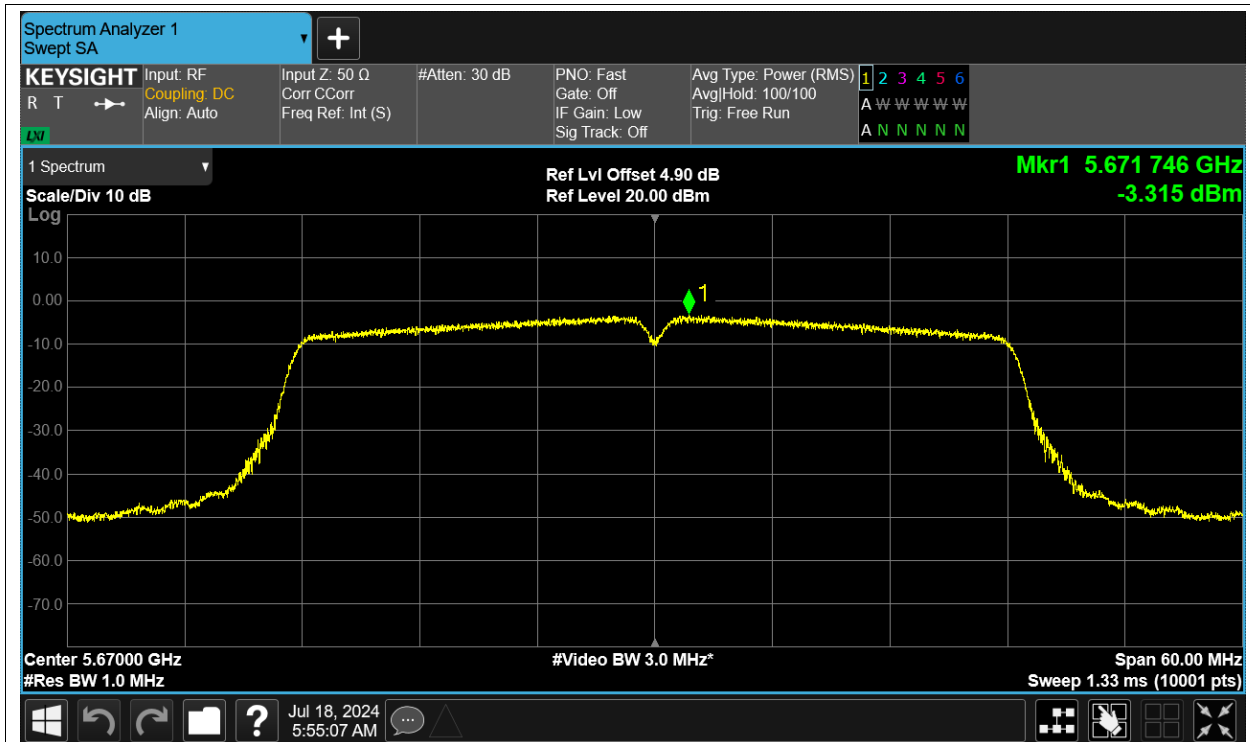
PSD NVNT ac40 5510MHz Ant14



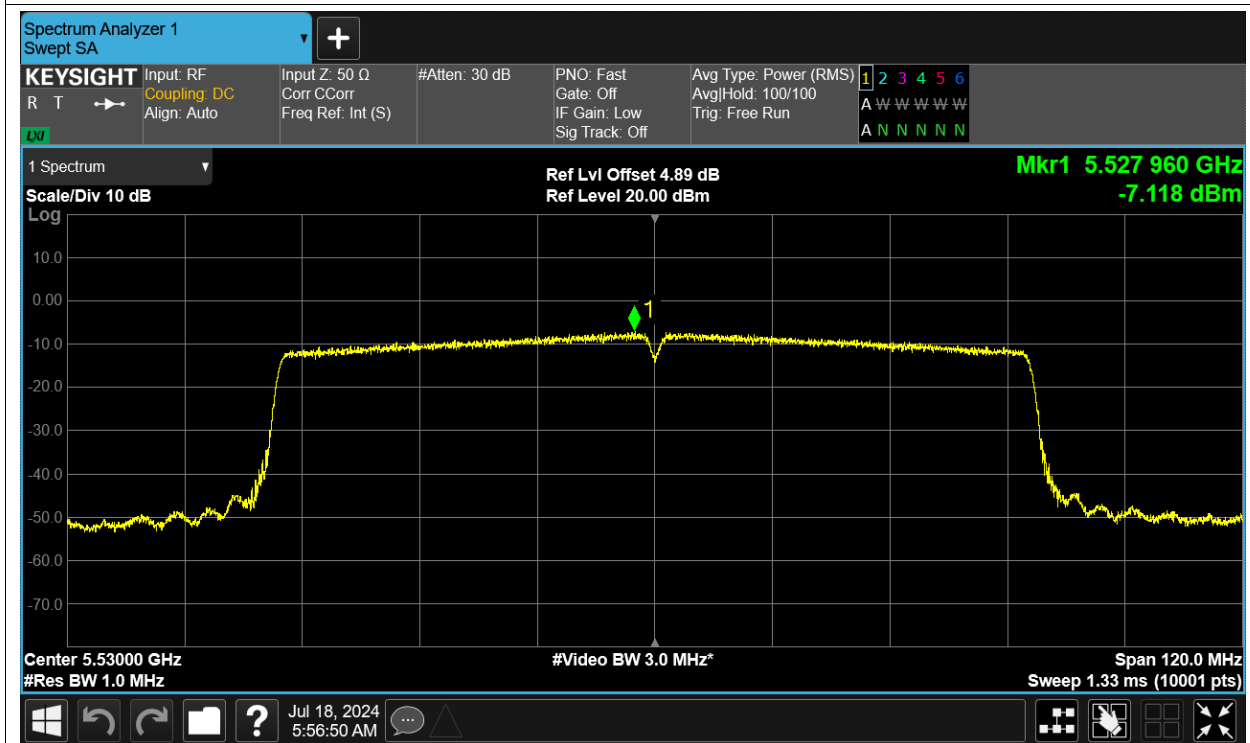
PSD NVNT ac40 5590MHz Ant14



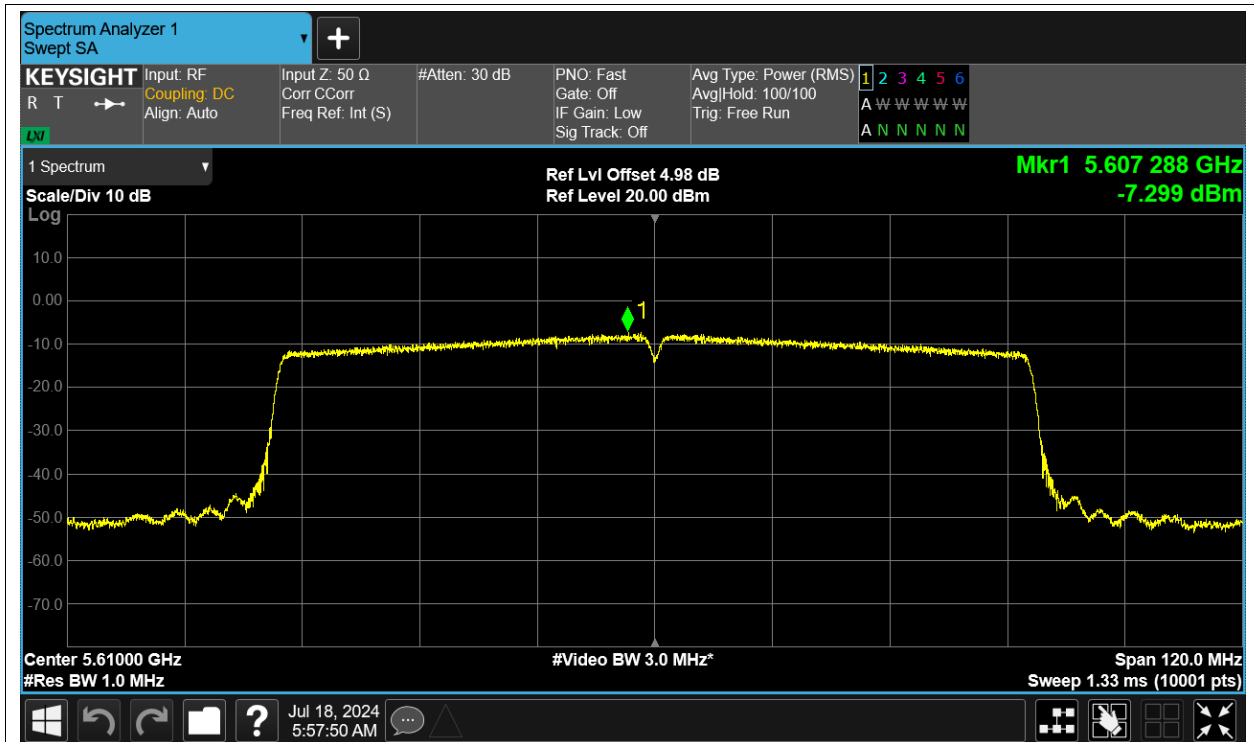
PSD NVNT ac40 5670MHz Ant14



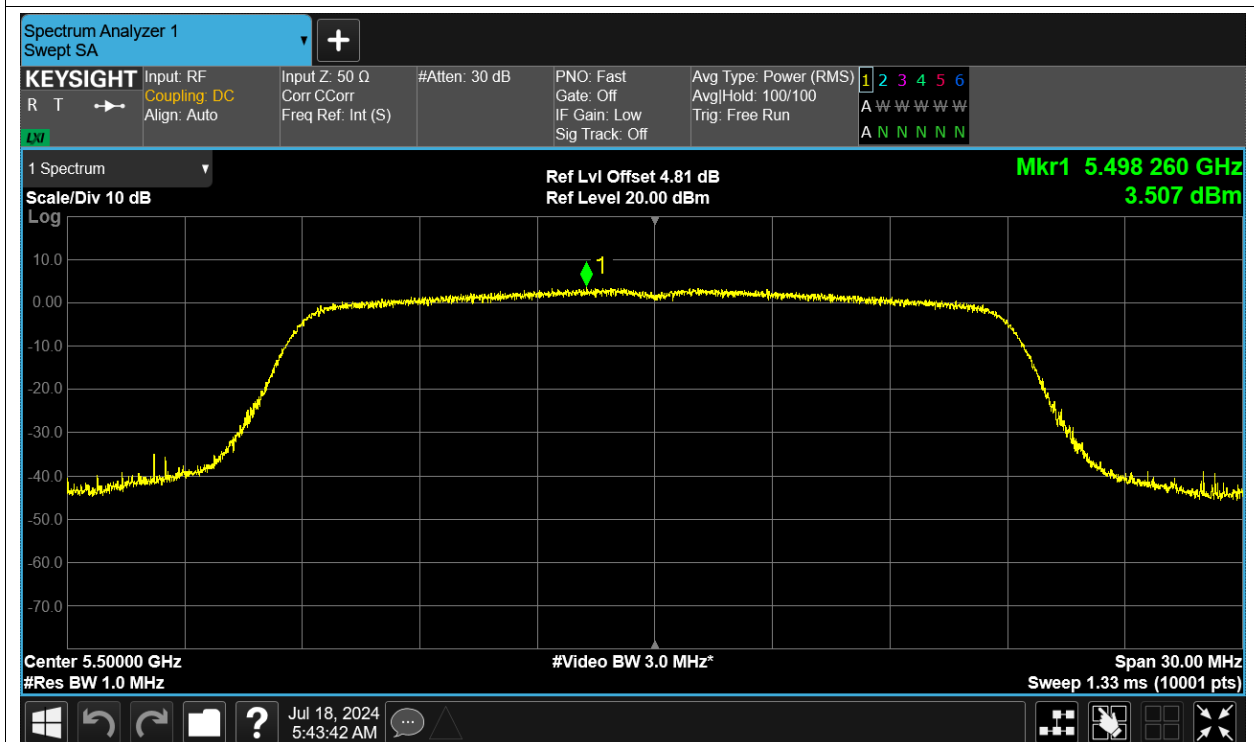
PSD NVNT ac80 5530MHz Ant14



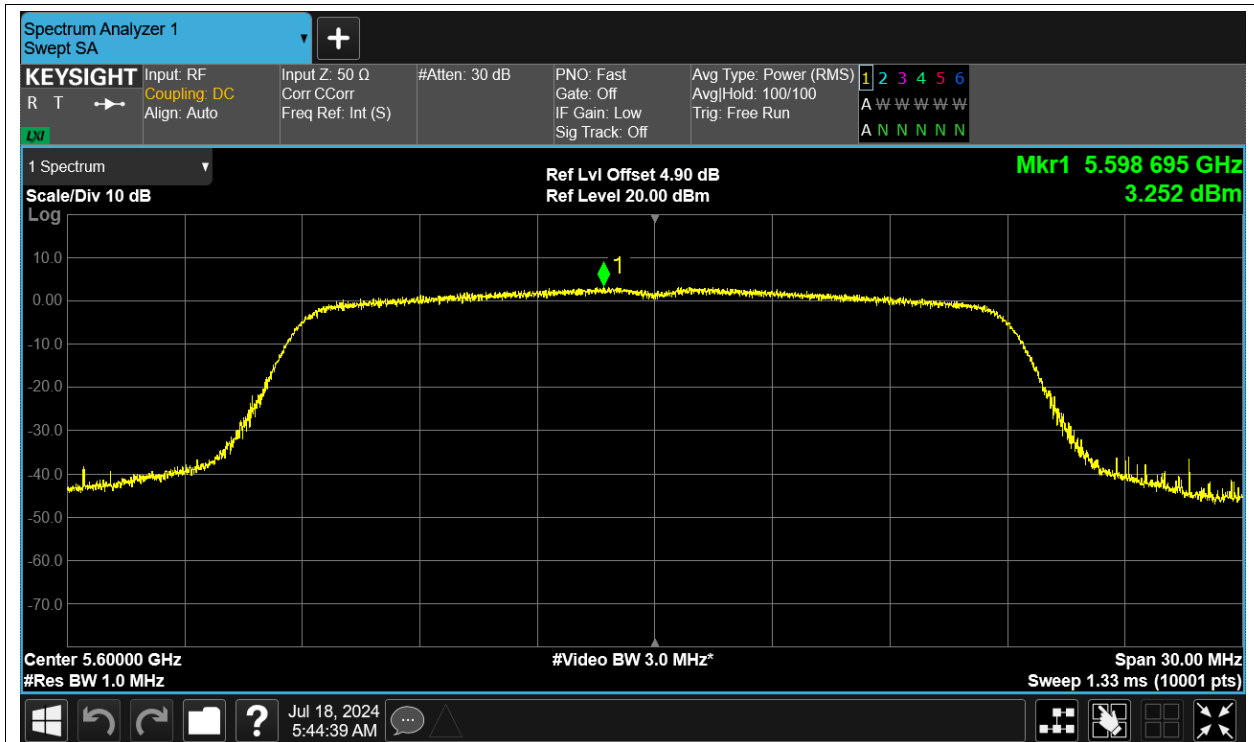
PSD NVNT ac80 5610MHz Ant14



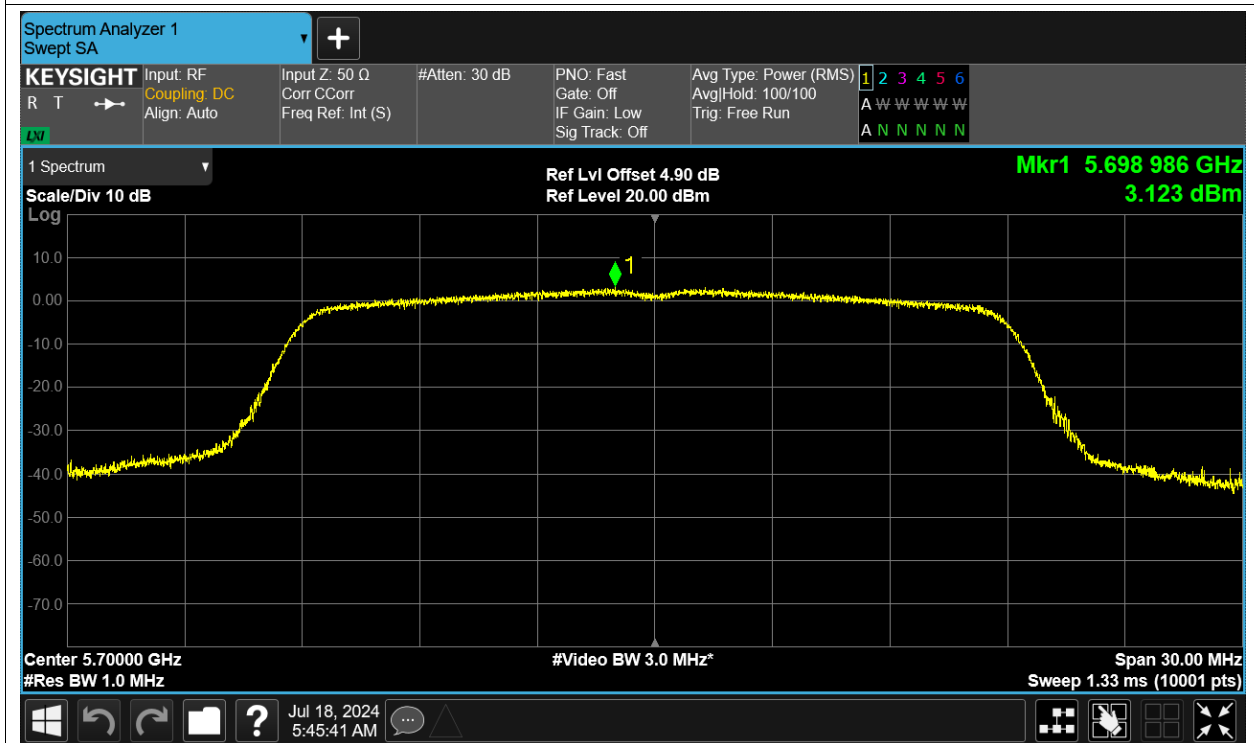
PSD NVNT n20 5500MHz Ant14



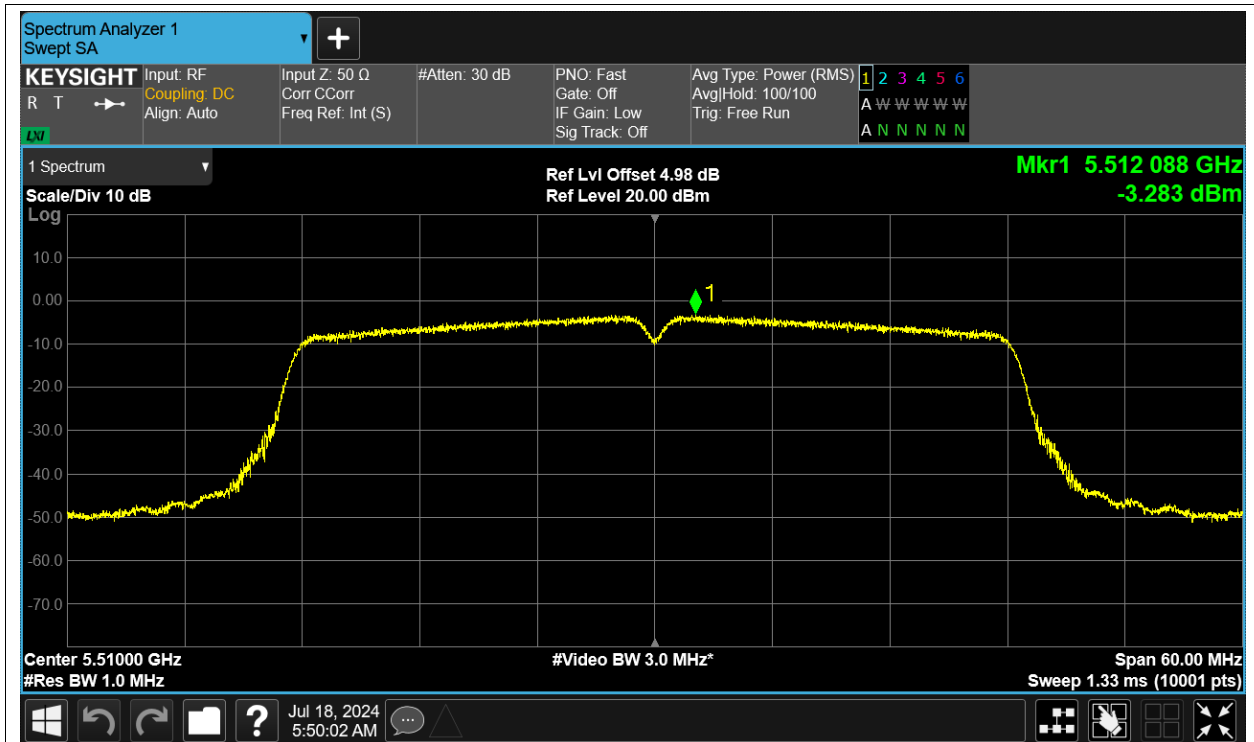
PSD NVNT n20 5600MHz Ant14



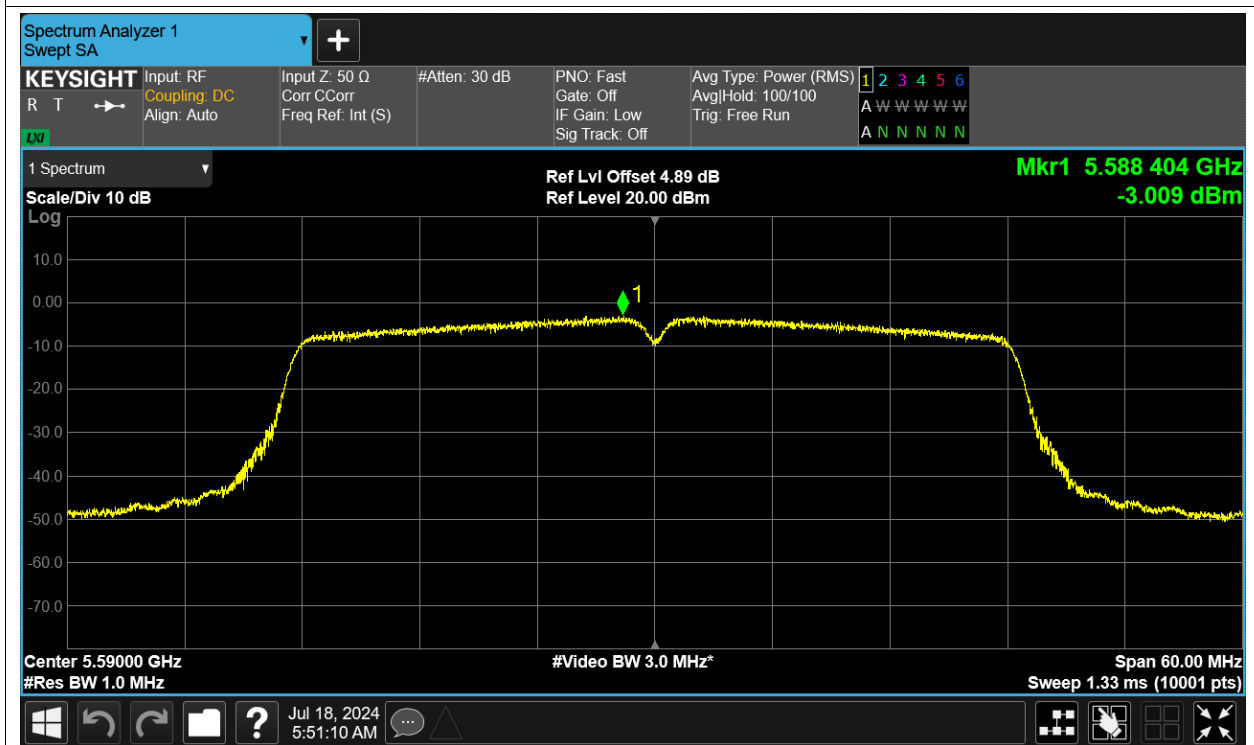
PSD NVNT n20 5700MHz Ant14



PSD NVNT n40 5510MHz Ant14



PSD NVNT n40 5590MHz Ant14



PSD NVNT n40 5670MHz Ant14

