

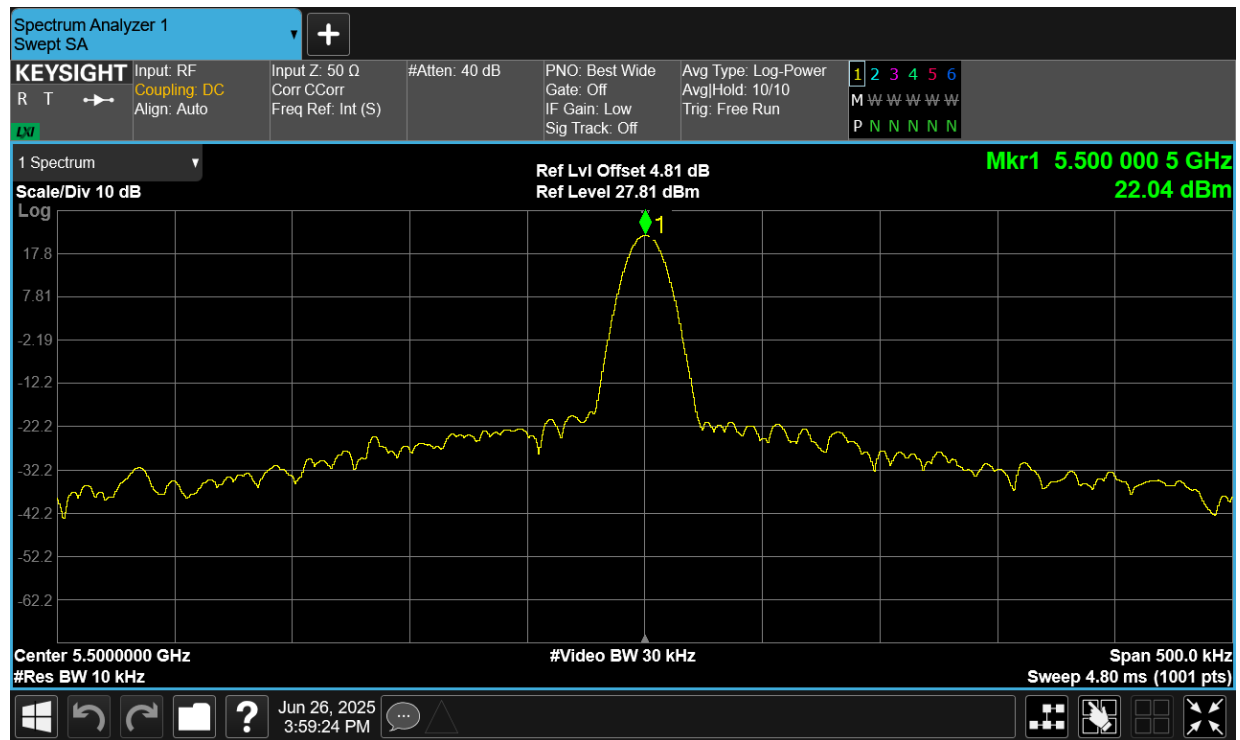
Test Data

Frequency Stability

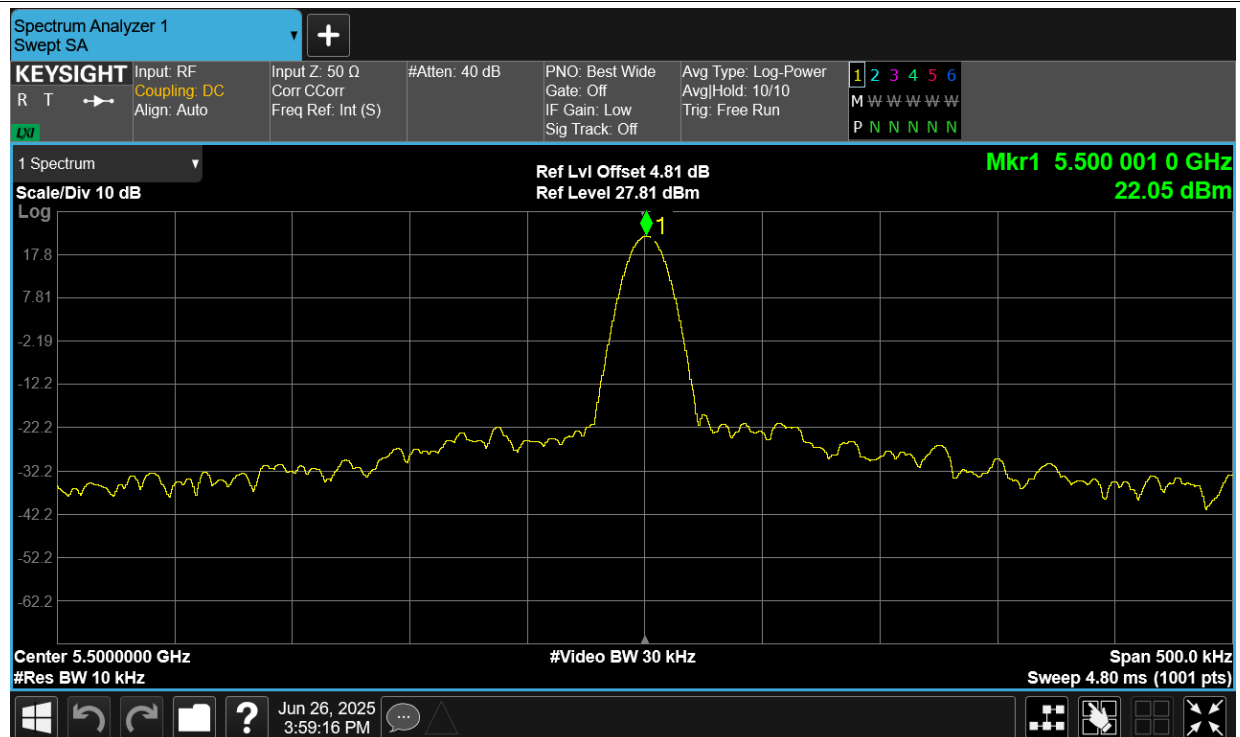
Condition	Mode	Frequency (MHz)	Antenna	Measured Frequency (MHz)	Deviation (ppm)	Limit (ppm)	Verdict
HVNT	a	5500	Ant14	5500.0005	0.09	Within authorized band	Pass
LVNT	a	5500	Ant14	5500.001	0.18		Pass
NVHT	a	5500	Ant14	5500.0015	0.27		Pass
NVLT	a	5500	Ant14	5500.002	0.36		Pass
NVNT	a	5500	Ant14	5500.003	0.55		Pass
HVNT	ac80	5530	Ant14	5529.9995	-0.09		Pass
LVNT	ac80	5530	Ant14	5530	0		Pass
NVHT	ac80	5530	Ant14	5530	0		Pass
NVLT	ac80	5530	Ant14	5530.0005	0.09		Pass
NVNT	ac80	5530	Ant14	5530.001	0.18		Pass
HVNT	n40	5510	Ant14	5509.9995	-0.09		Pass
LVNT	n40	5510	Ant14	5510	0		Pass
NVHT	n40	5510	Ant14	5510	0		Pass
NVLT	n40	5510	Ant14	5510	0		Pass
NVNT	n40	5510	Ant14	5510.0005	0.09		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

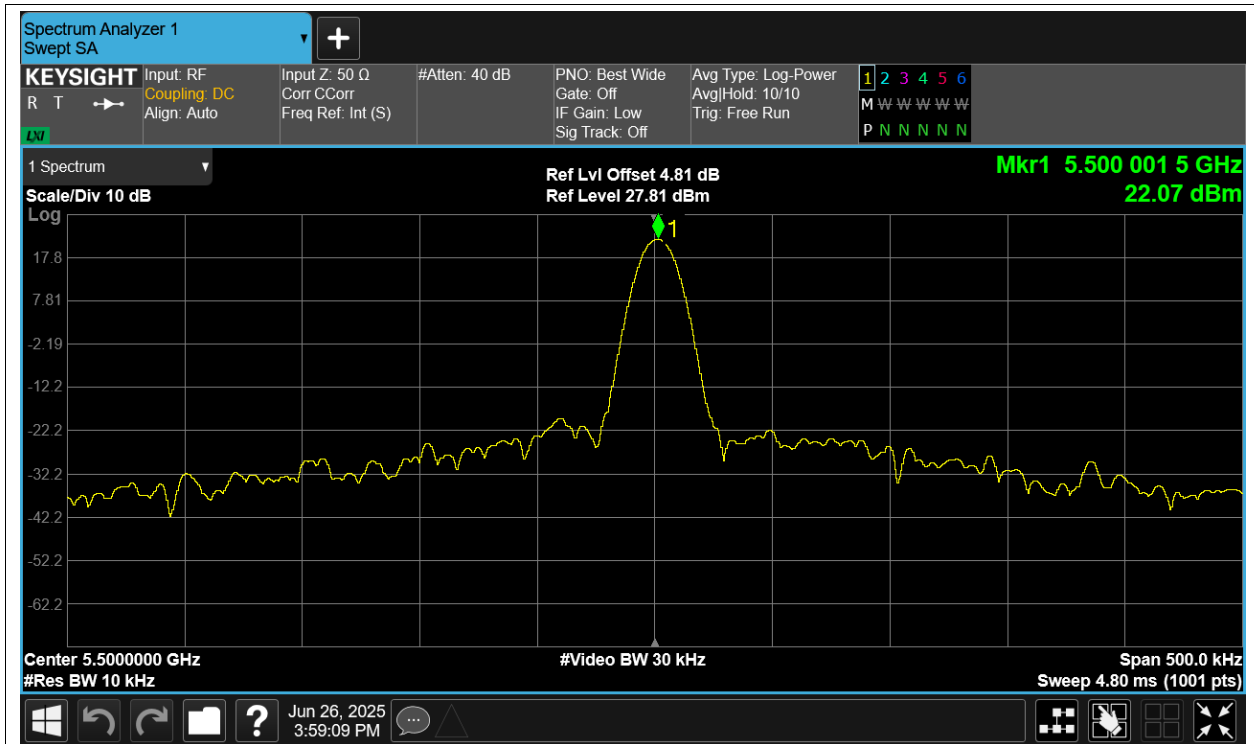
Freq. Stability HVNT a 5500MHz Ant14



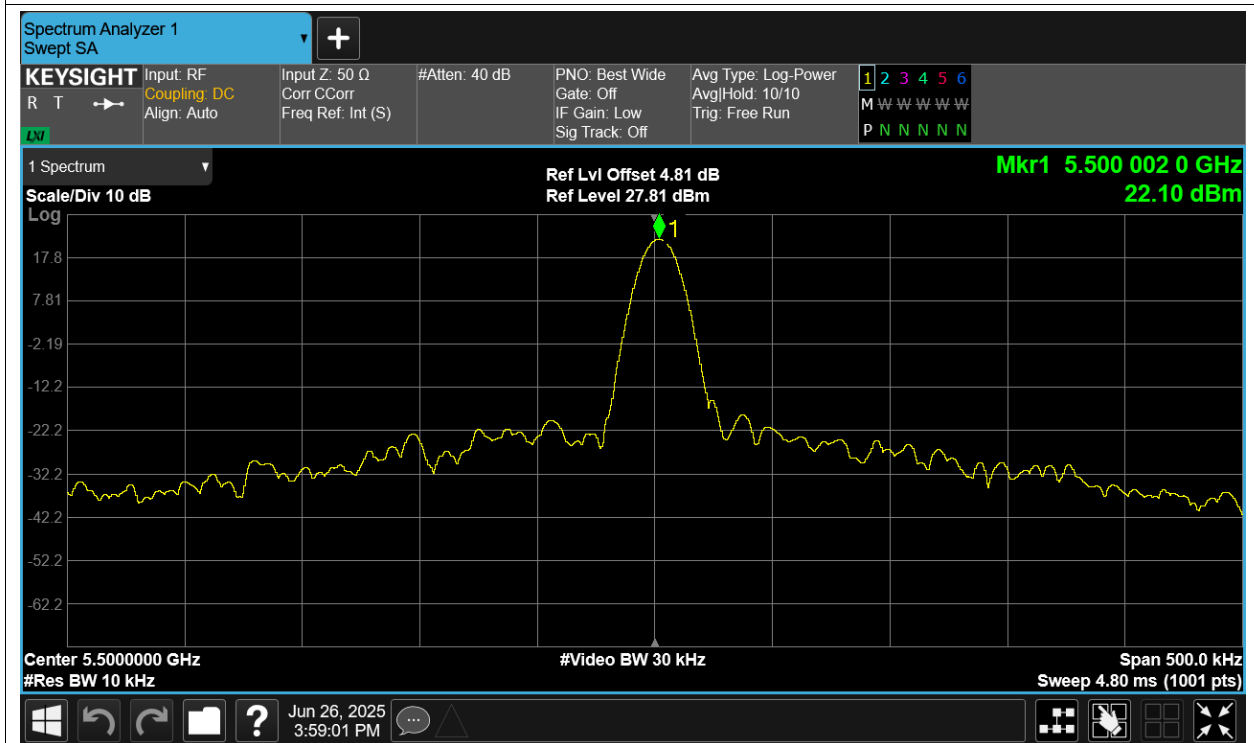
Freq. Stability LVNT a 5500MHz Ant14



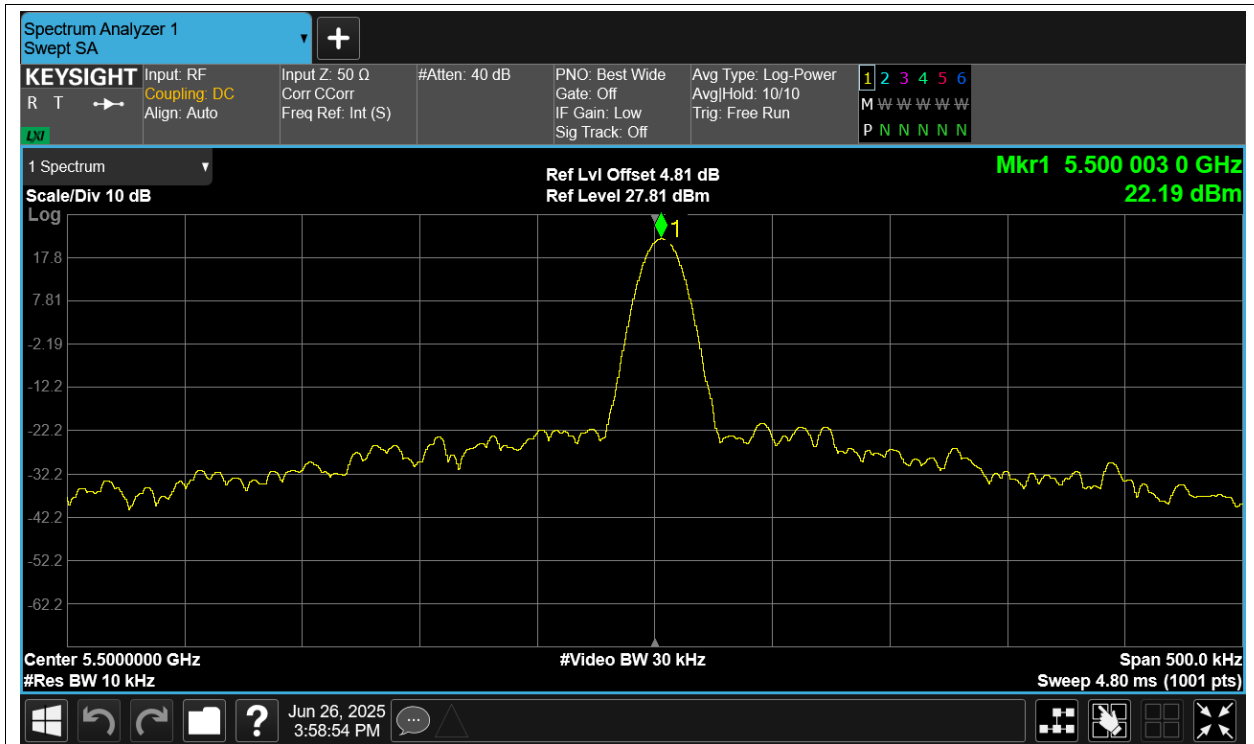
Freq. Stability NVHT a 5500MHz Ant14



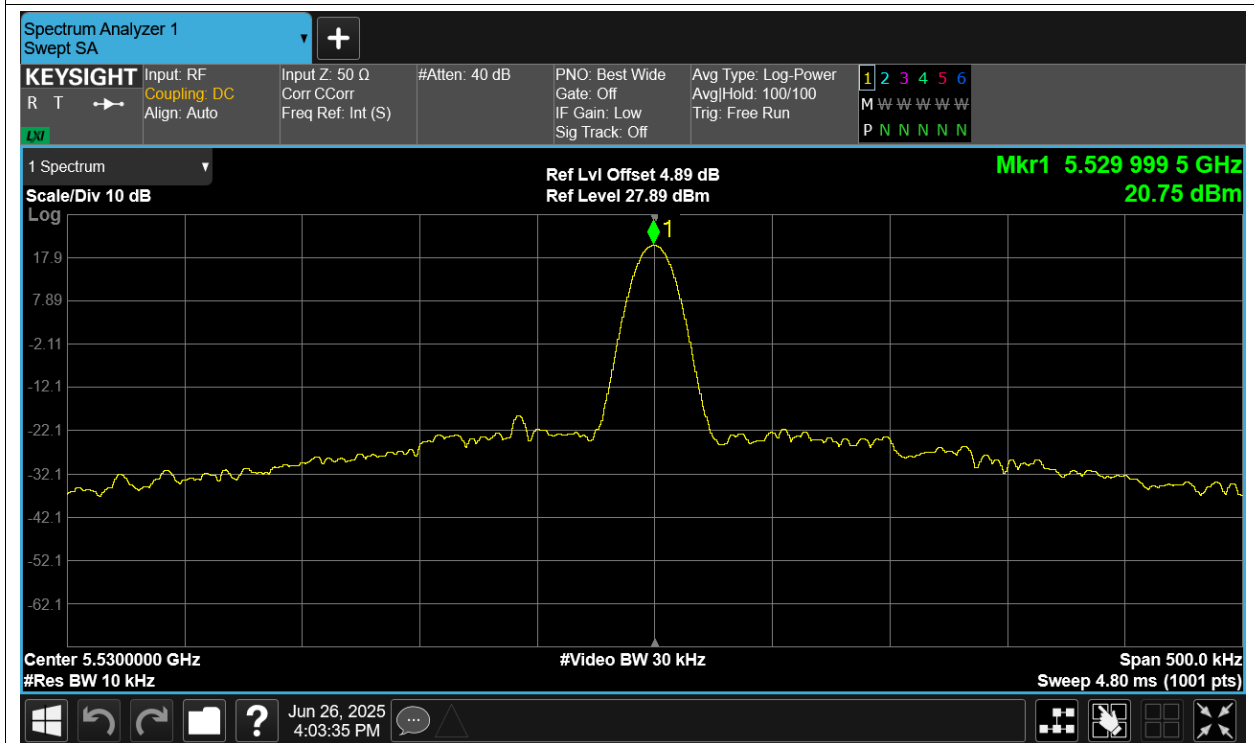
Freq. Stability NVLT a 5500MHz Ant14



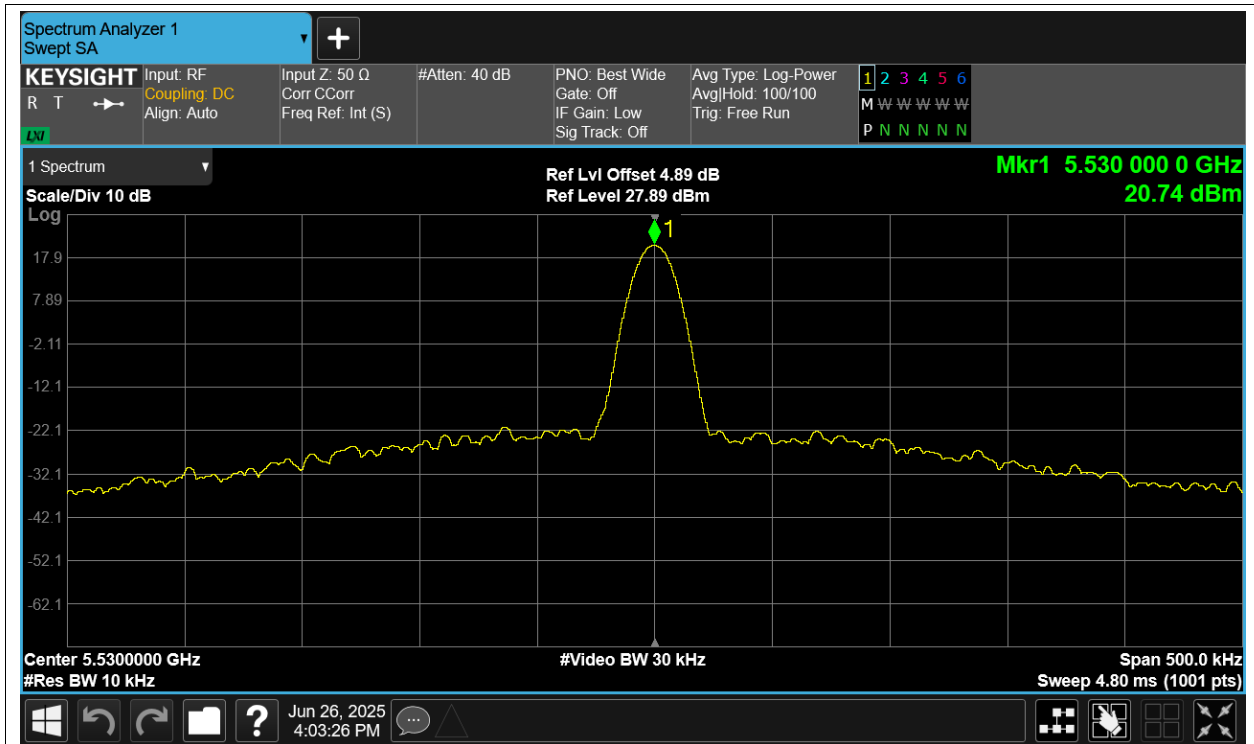
Freq. Stability NVNT a 5500MHz Ant14



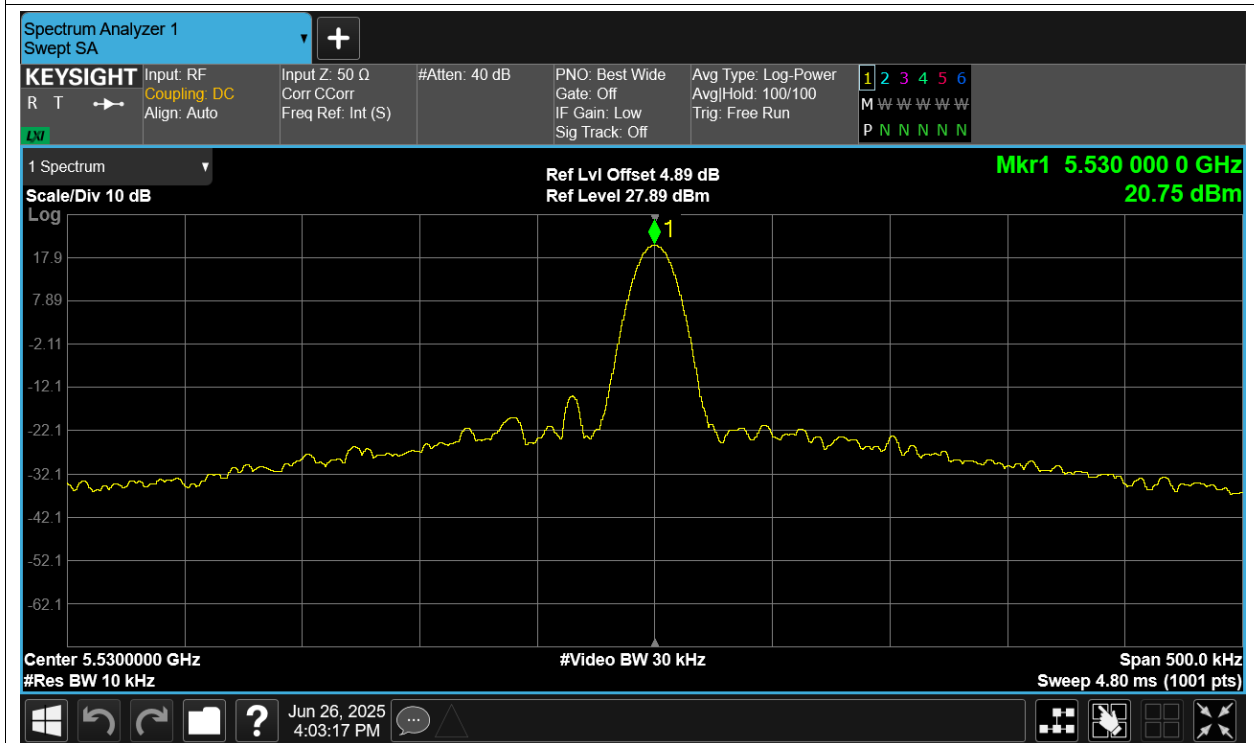
Freq. Stability HVNT ac80 5530MHz Ant14



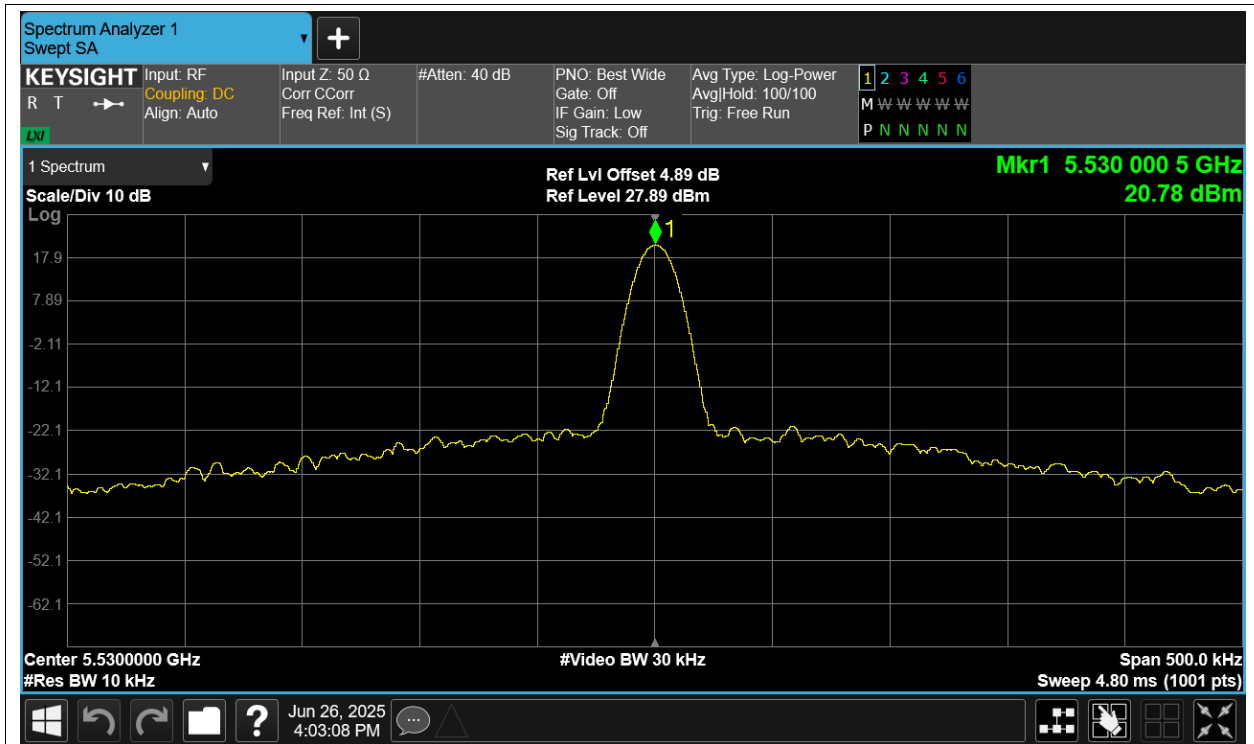
Freq. Stability LVNT ac80 5530MHz Ant14



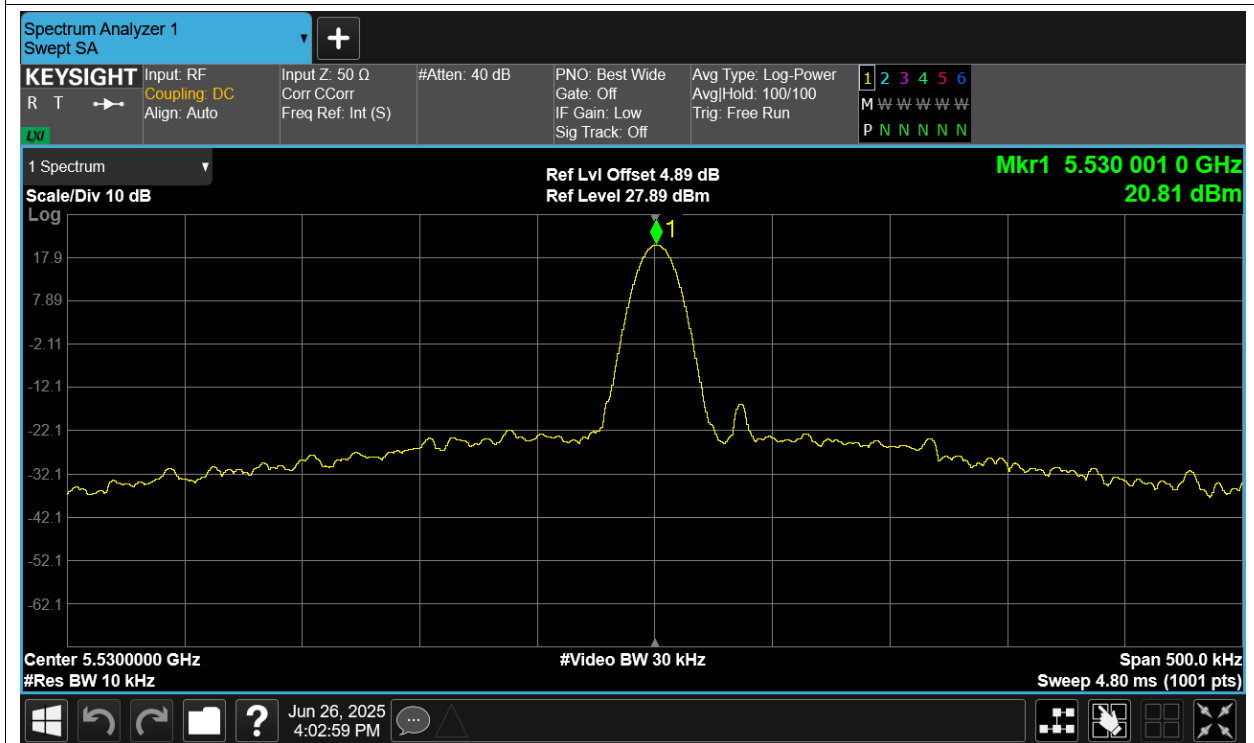
Freq. Stability NVHT ac80 5530MHz Ant14



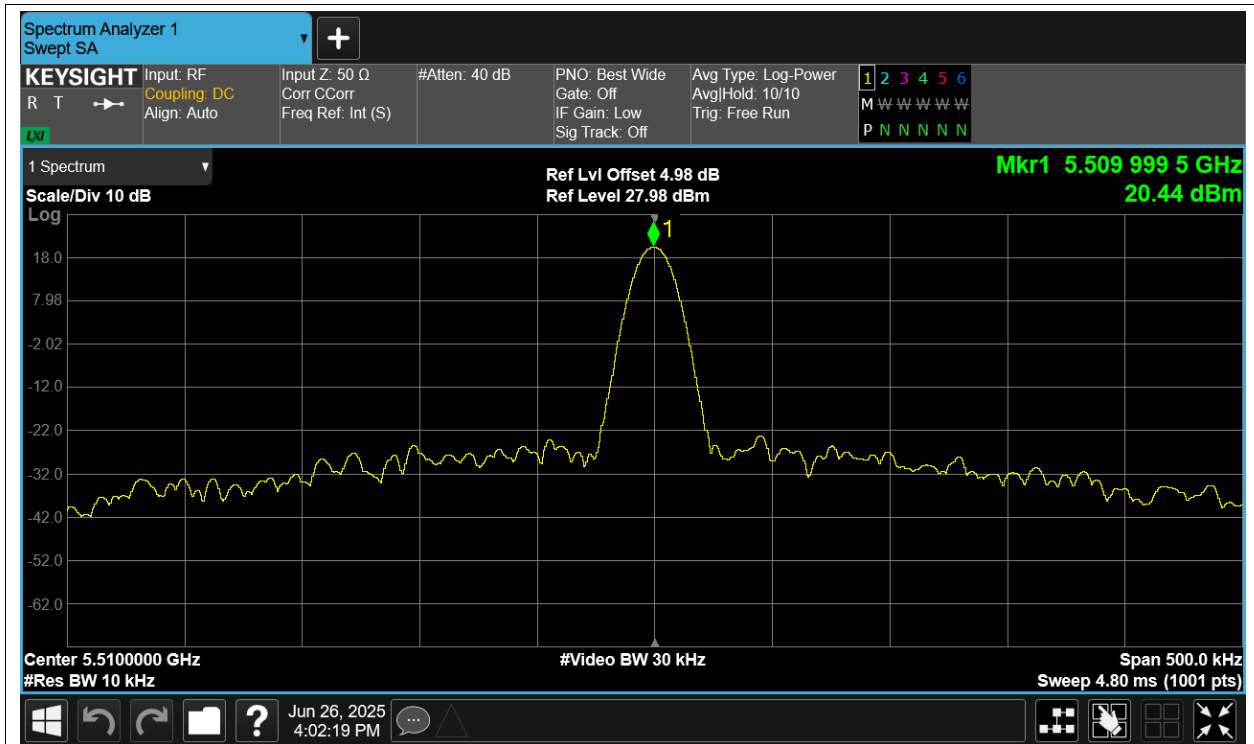
Freq. Stability NVLT ac80 5530MHz Ant14



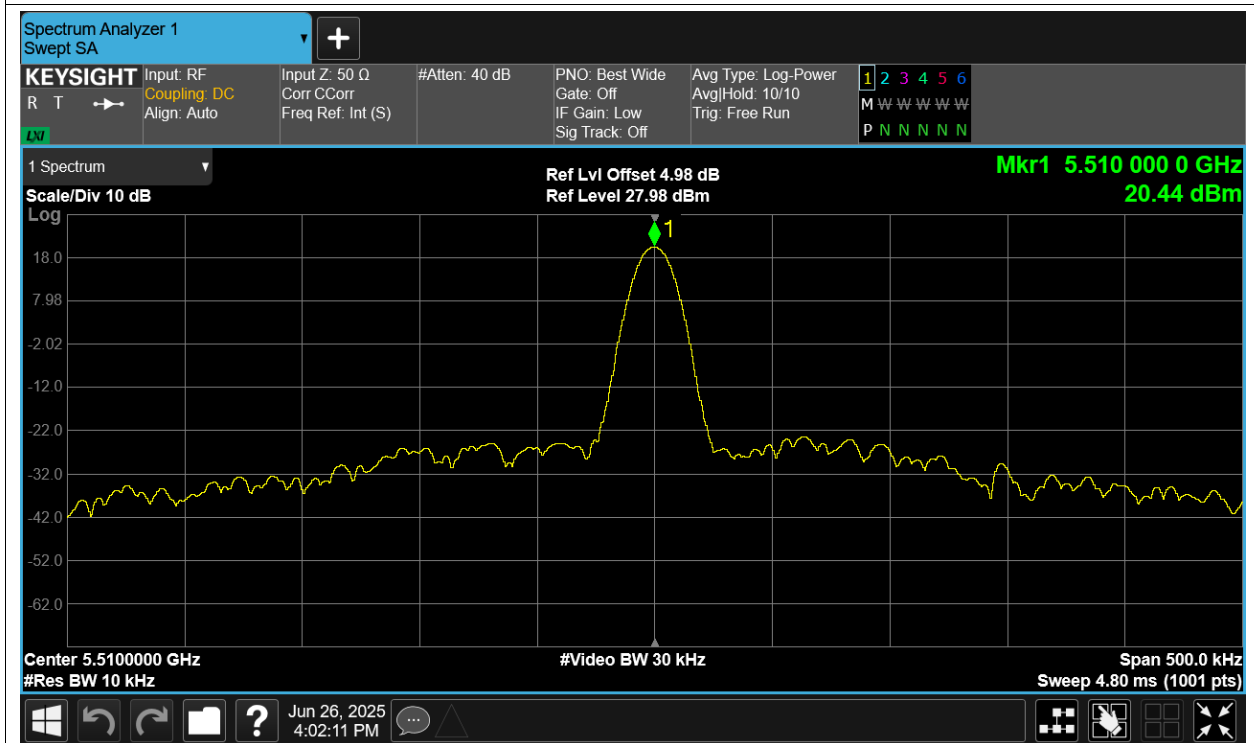
Freq. Stability NVNT ac80 5530MHz Ant14



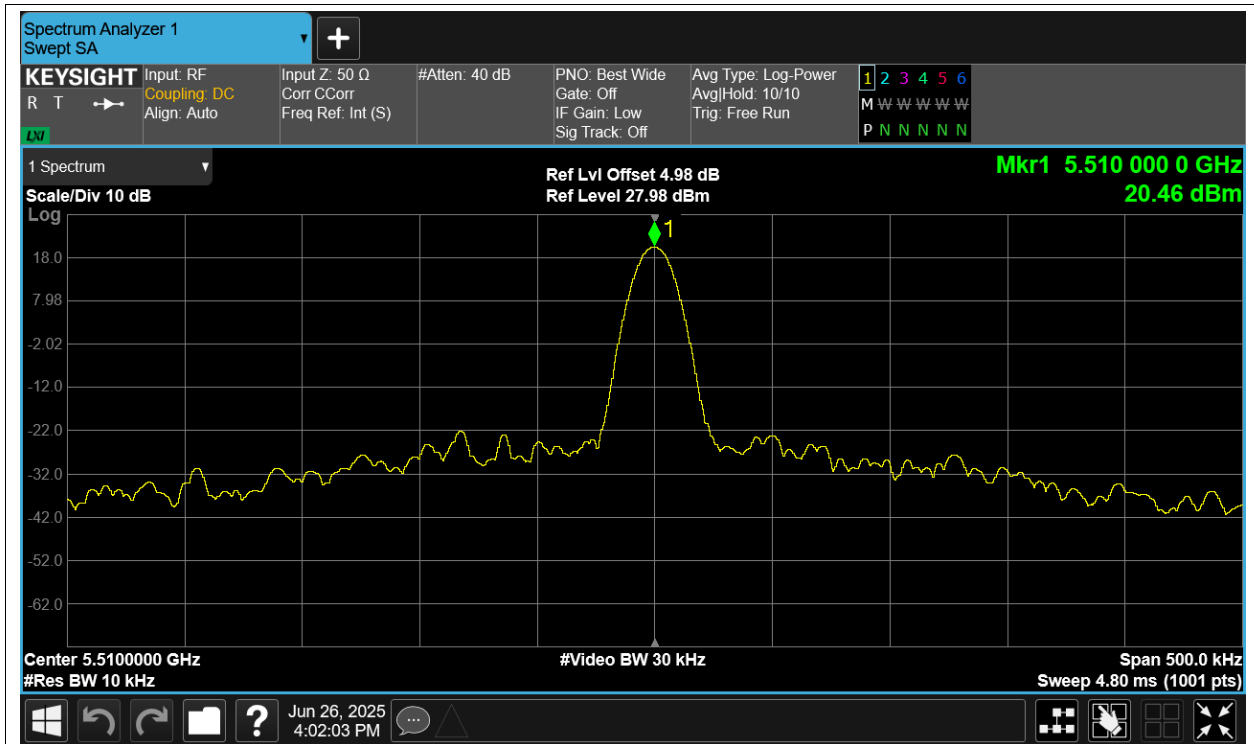
Freq. Stability HVNT n40 5510MHz Ant14



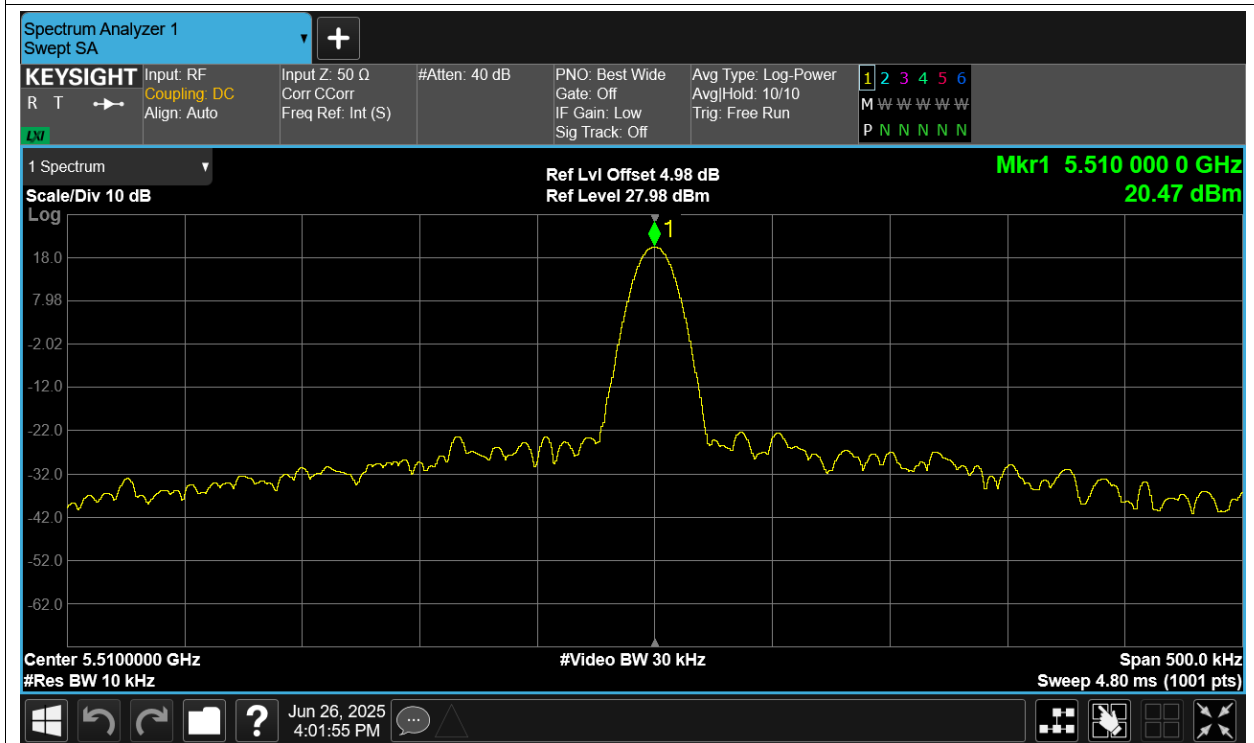
Freq. Stability LVNT n40 5510MHz Ant14



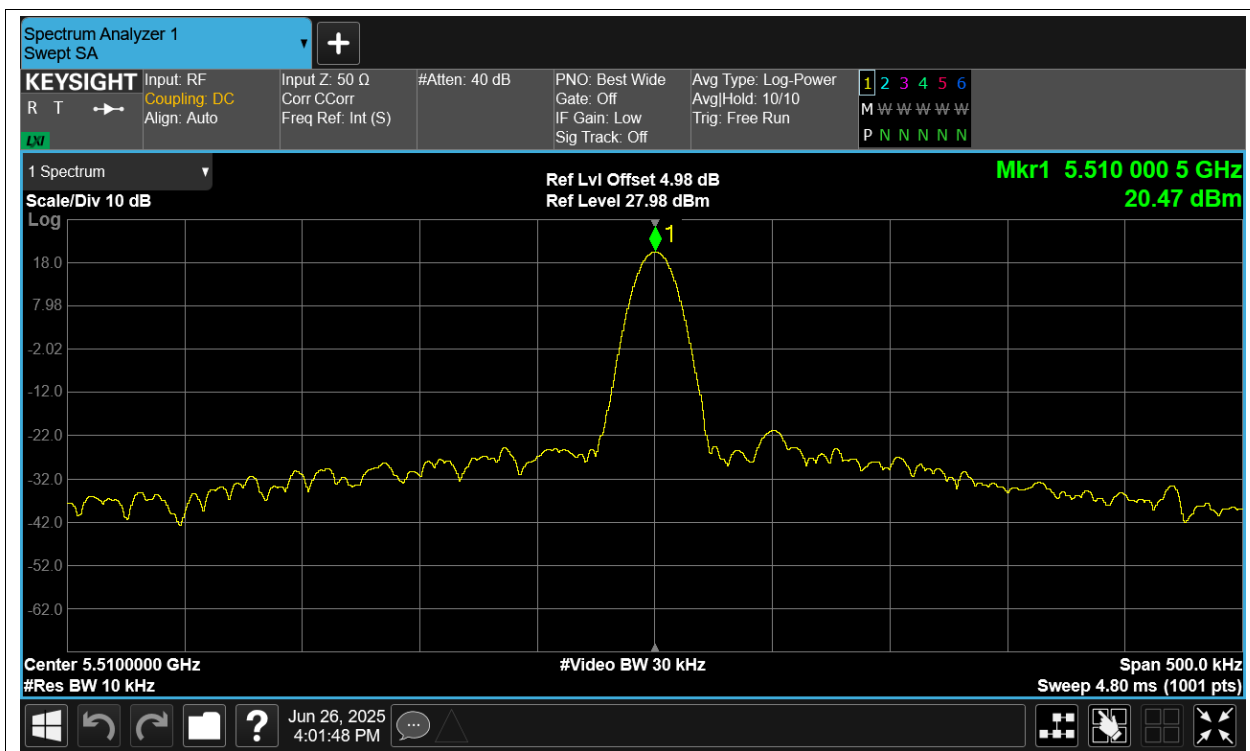
Freq. Stability NVHT n40 5510MHz Ant14



Freq. Stability NVLT n40 5510MHz Ant14

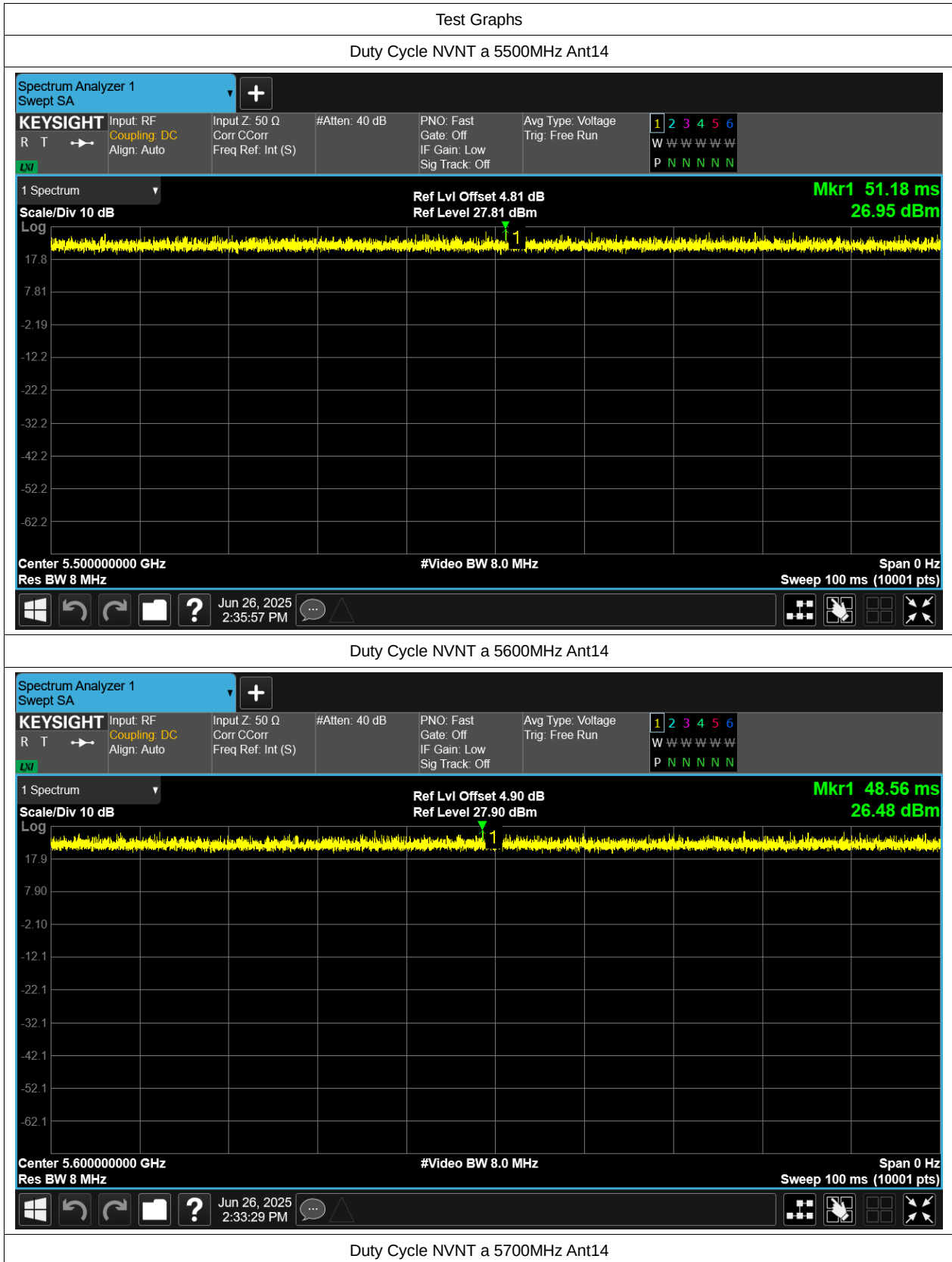


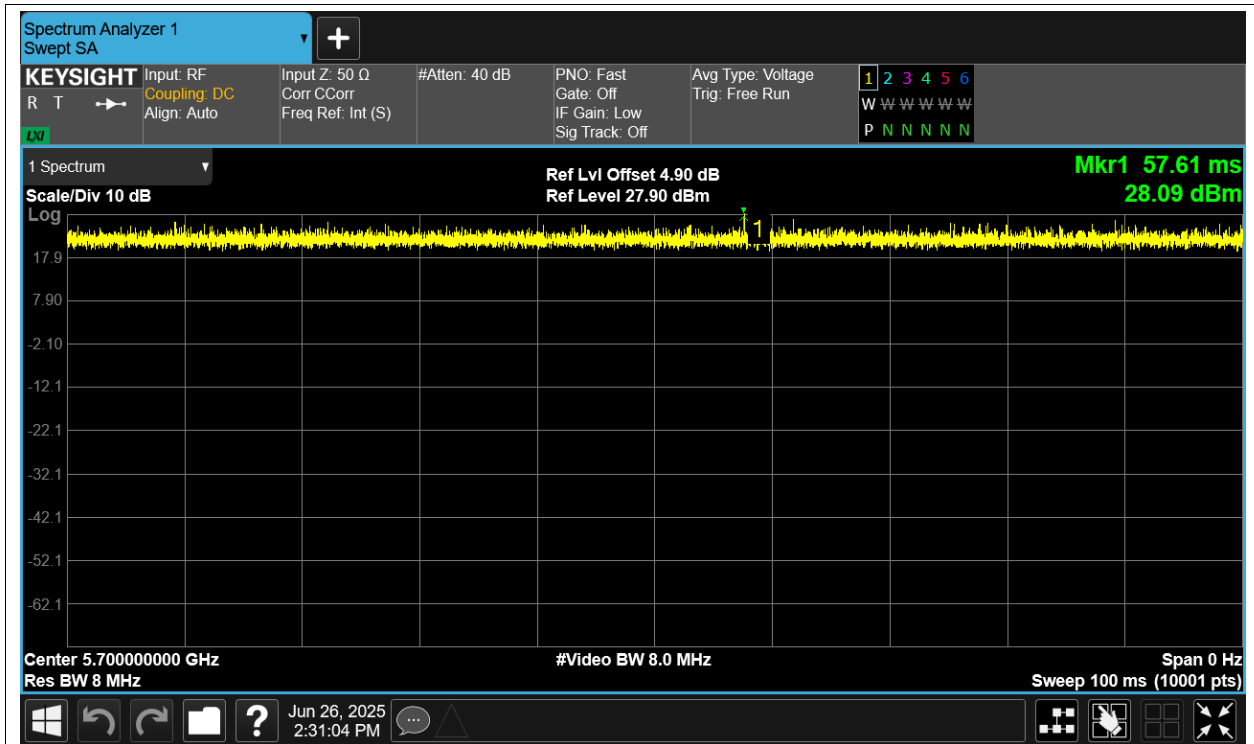
Freq. Stability NVNT n40 5510MHz Ant14



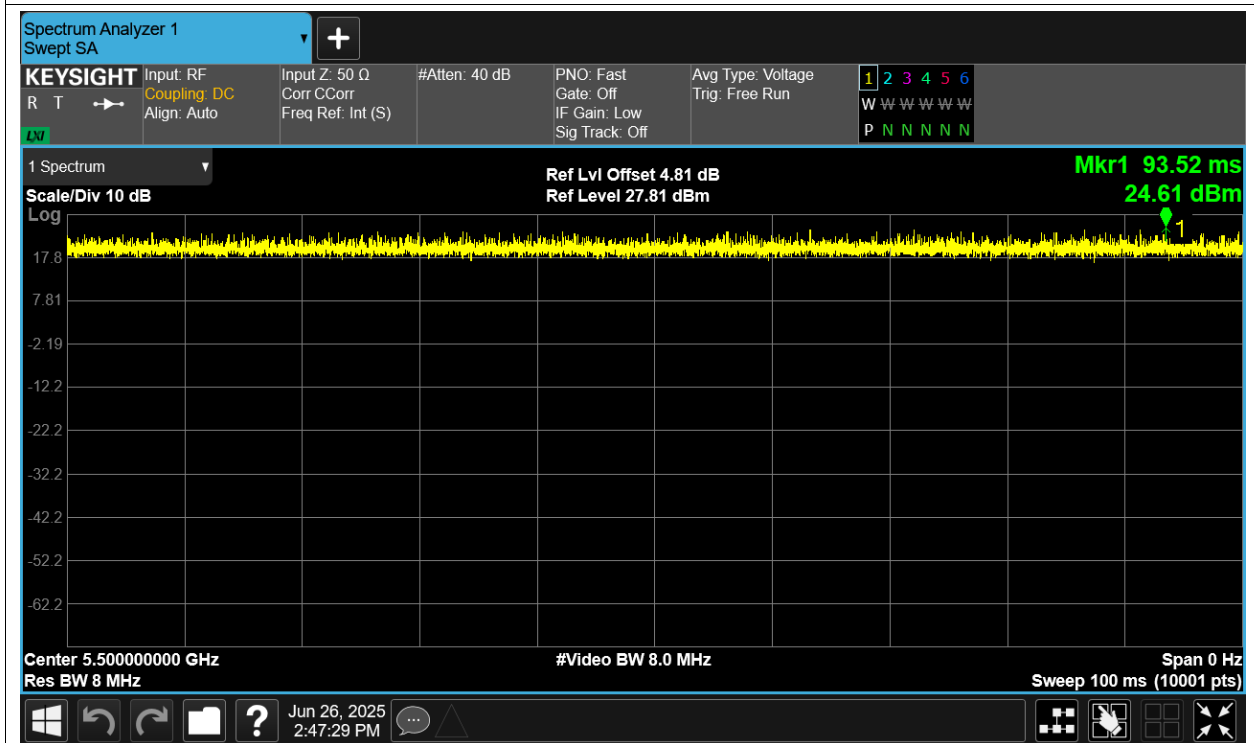
Duty Cycle

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

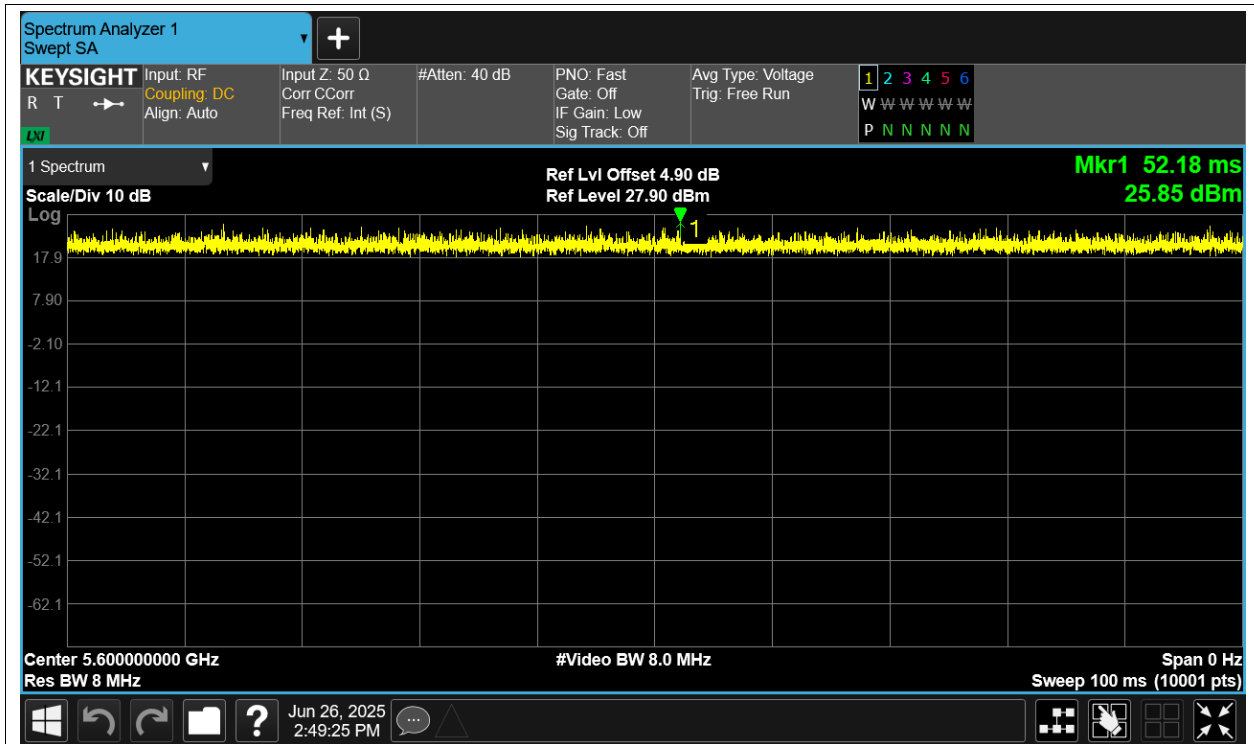




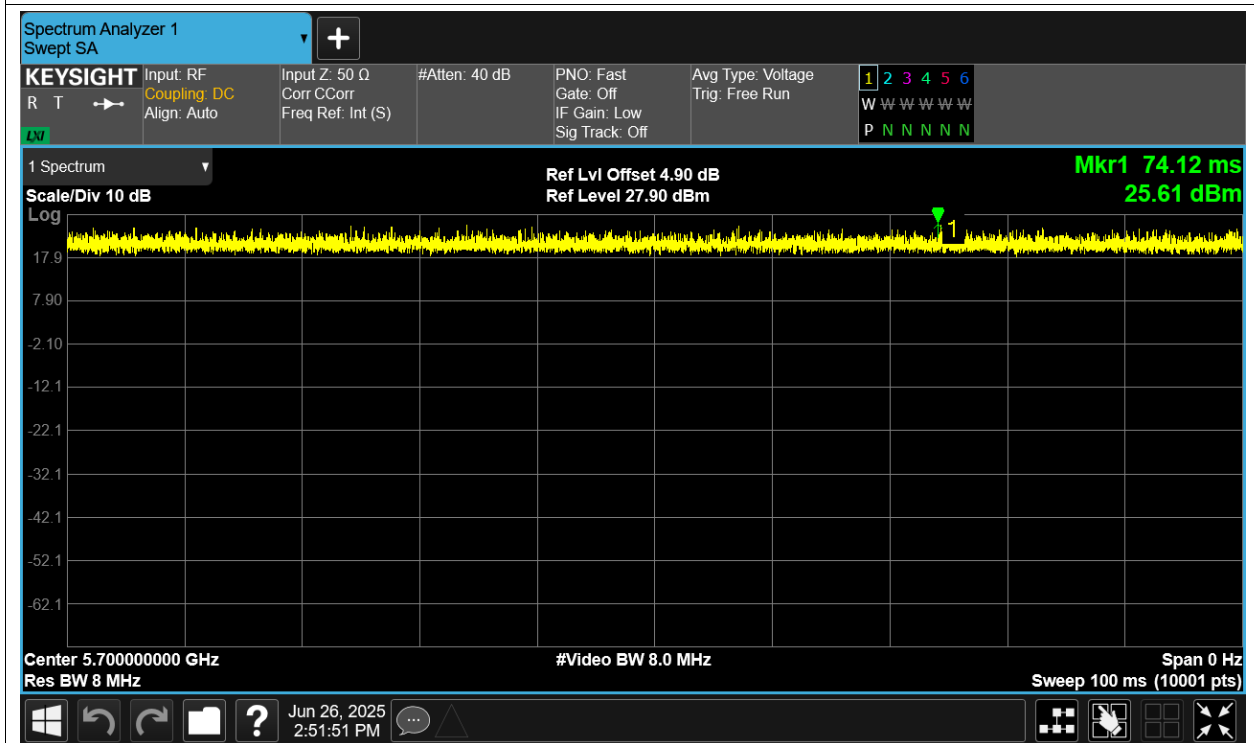
Duty Cycle NVNT ac20 5500MHz Ant14



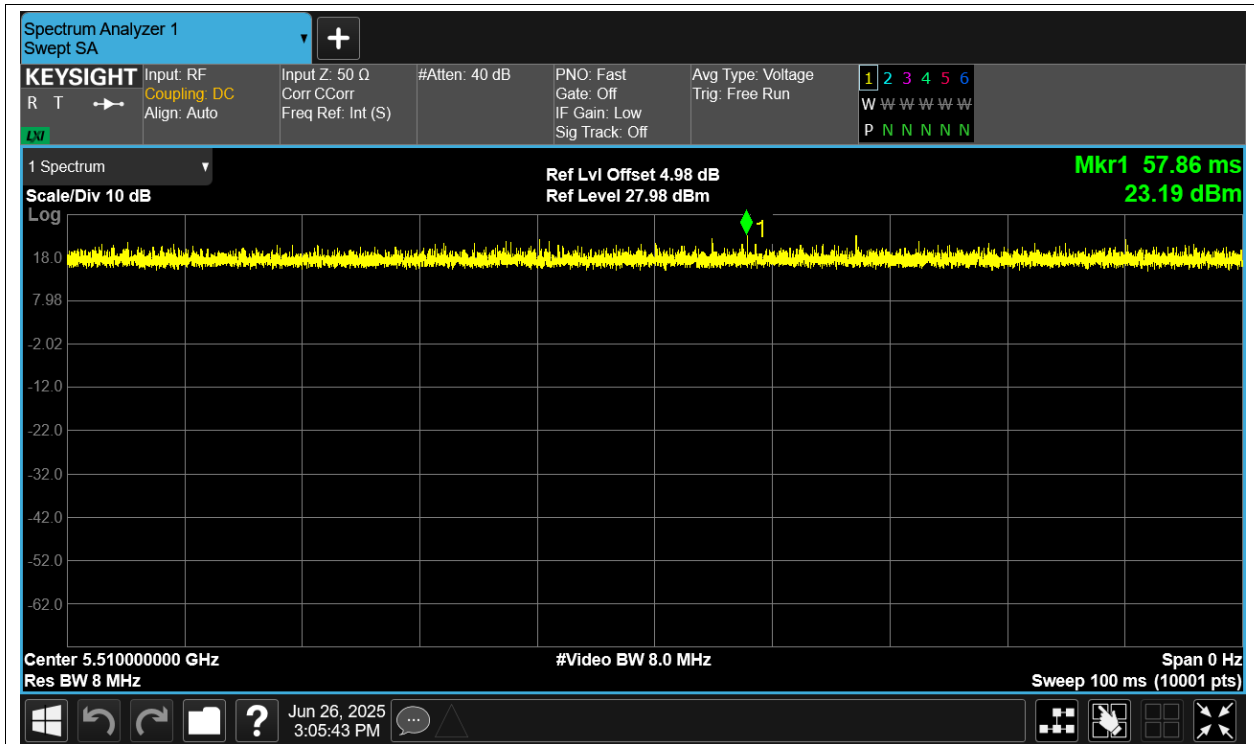
Duty Cycle NVNT ac20 5600MHz Ant14



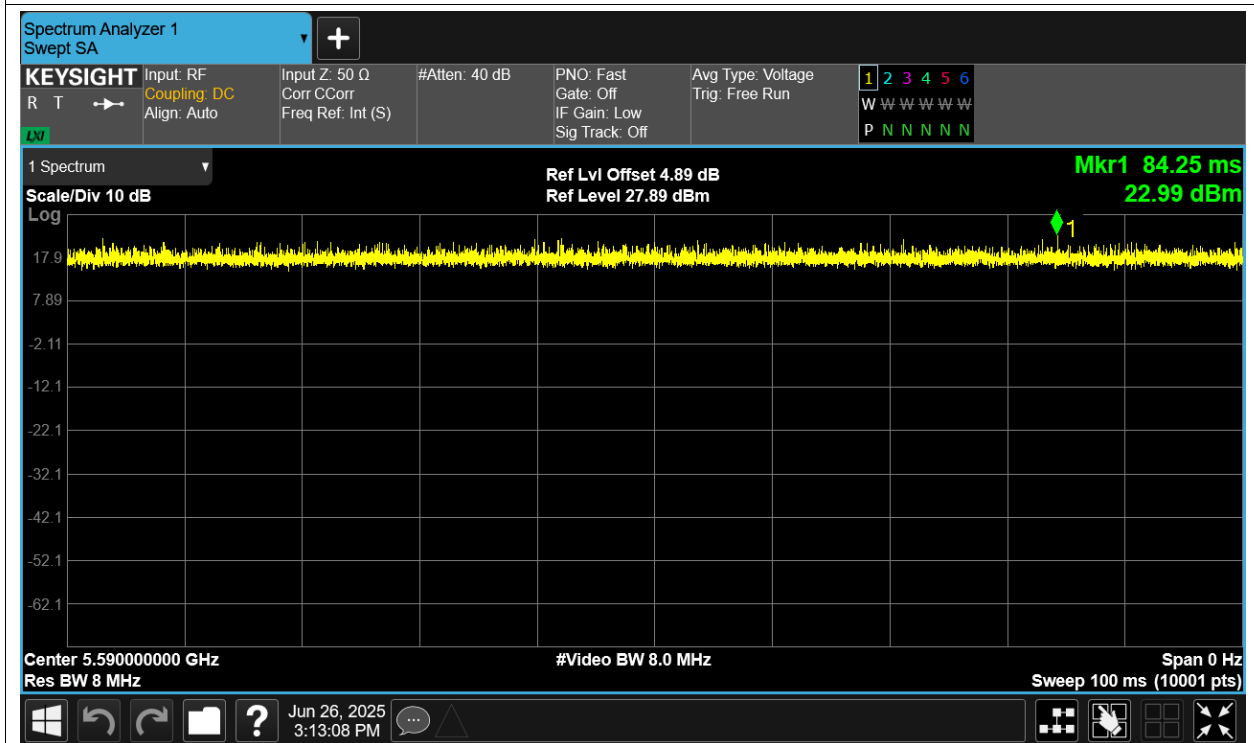
Duty Cycle NVNT ac20 5700MHz Ant14



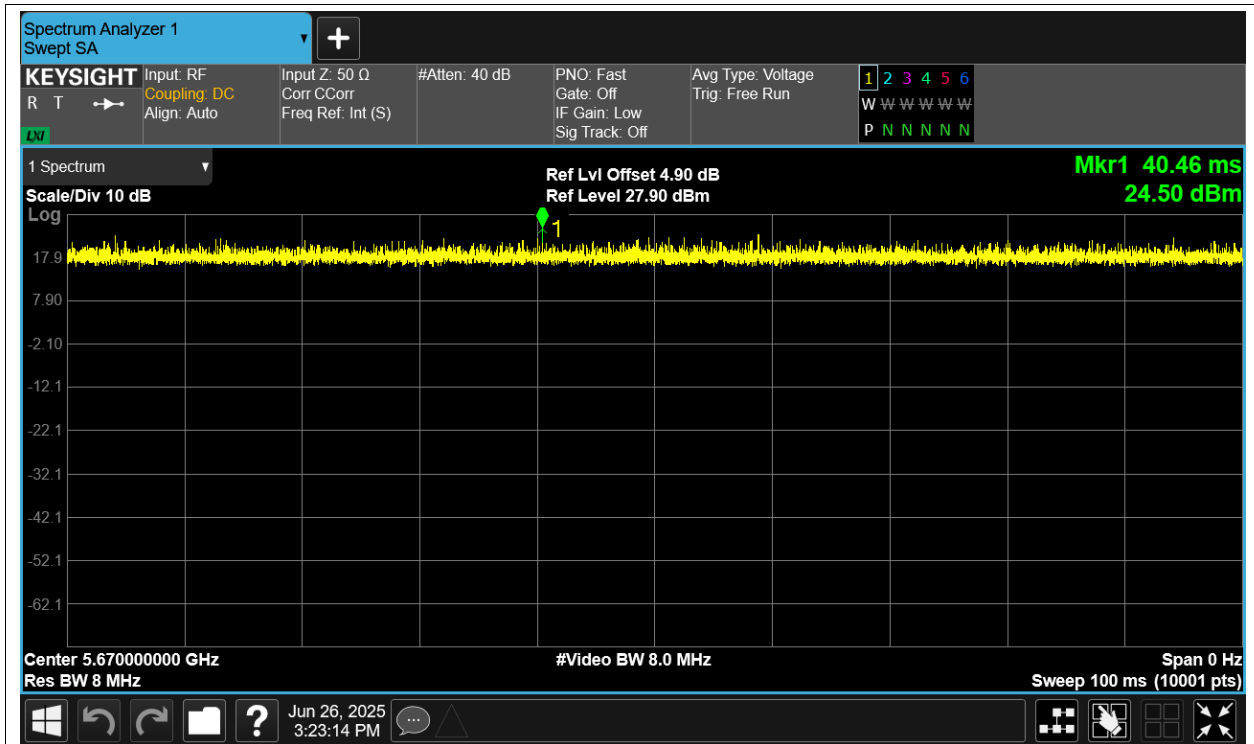
Duty Cycle NVNT ac40 5510MHz Ant14



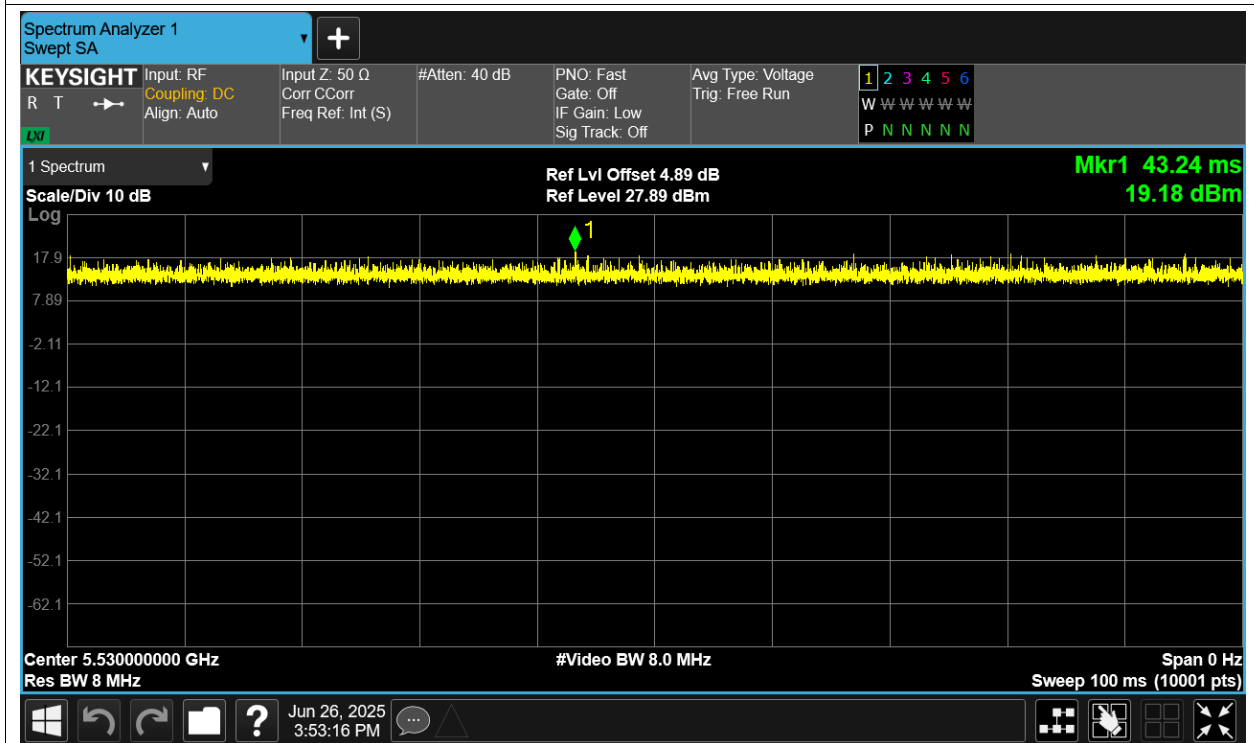
Duty Cycle NVNT ac40 5590MHz Ant14



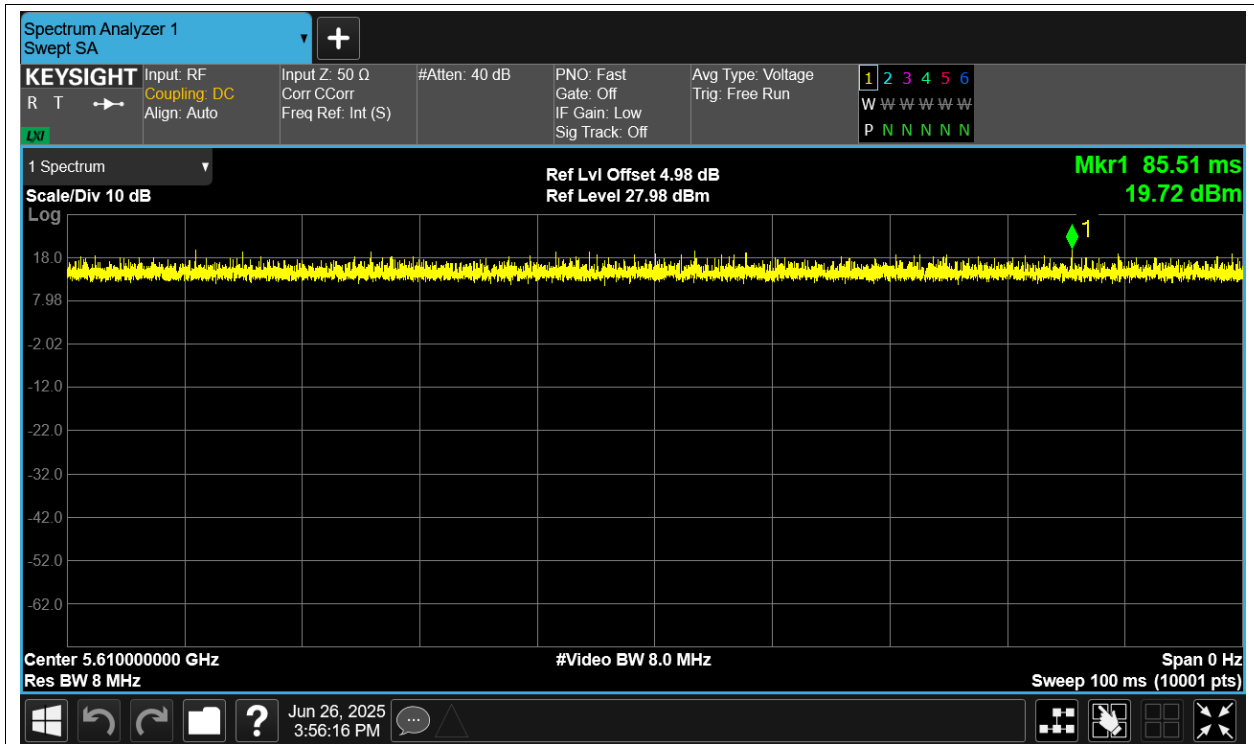
Duty Cycle NVNT ac40 5670MHz Ant14



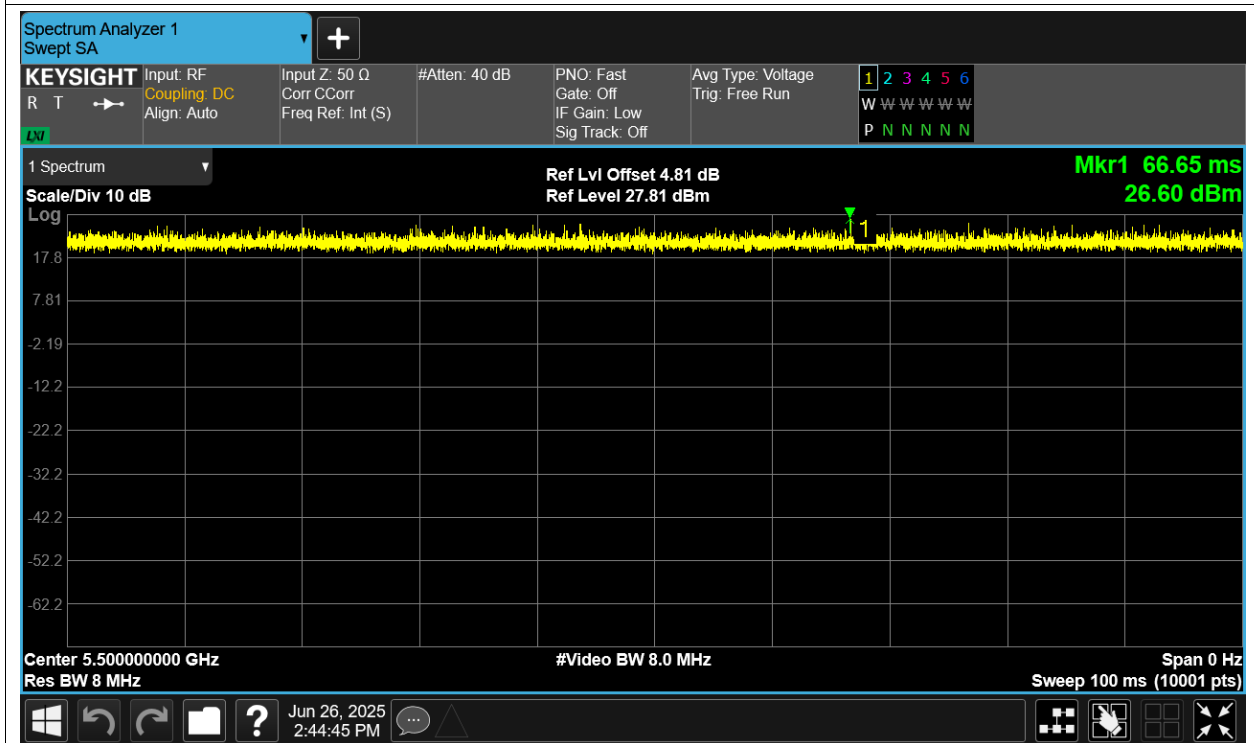
Duty Cycle NVNT ac80 5530MHz Ant14



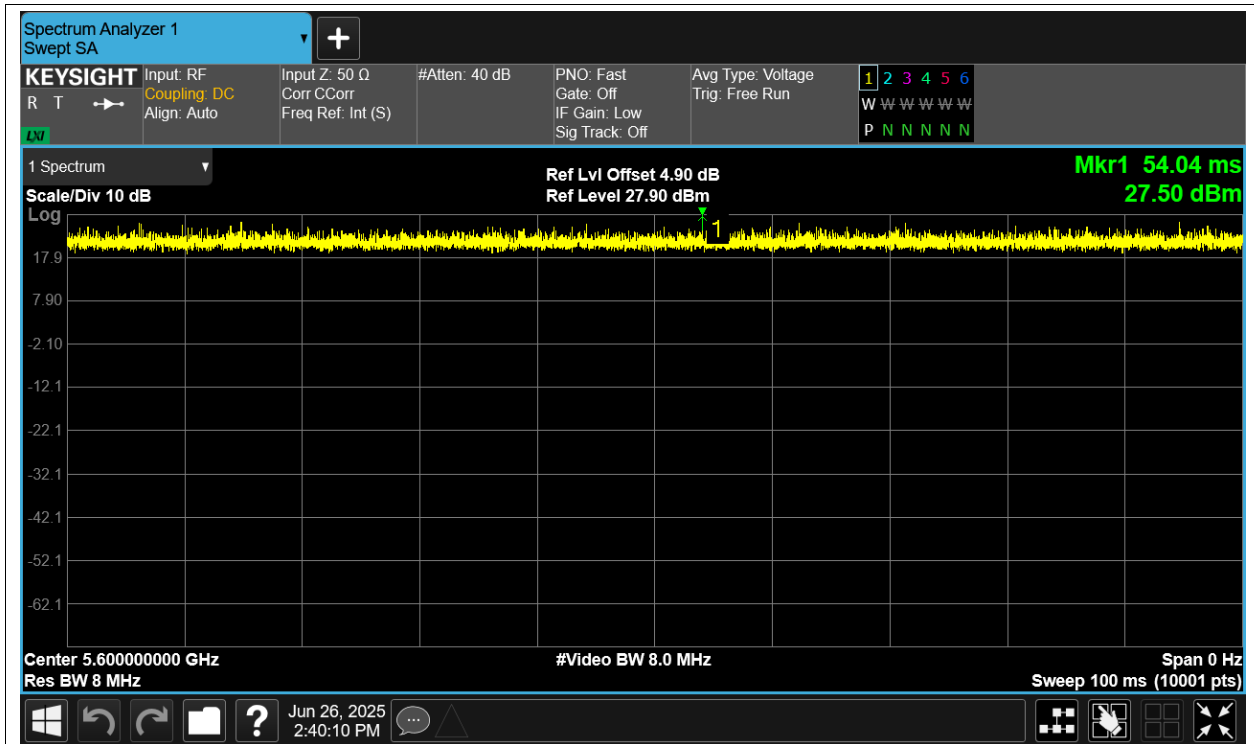
Duty Cycle NVNT ac80 5610MHz Ant14



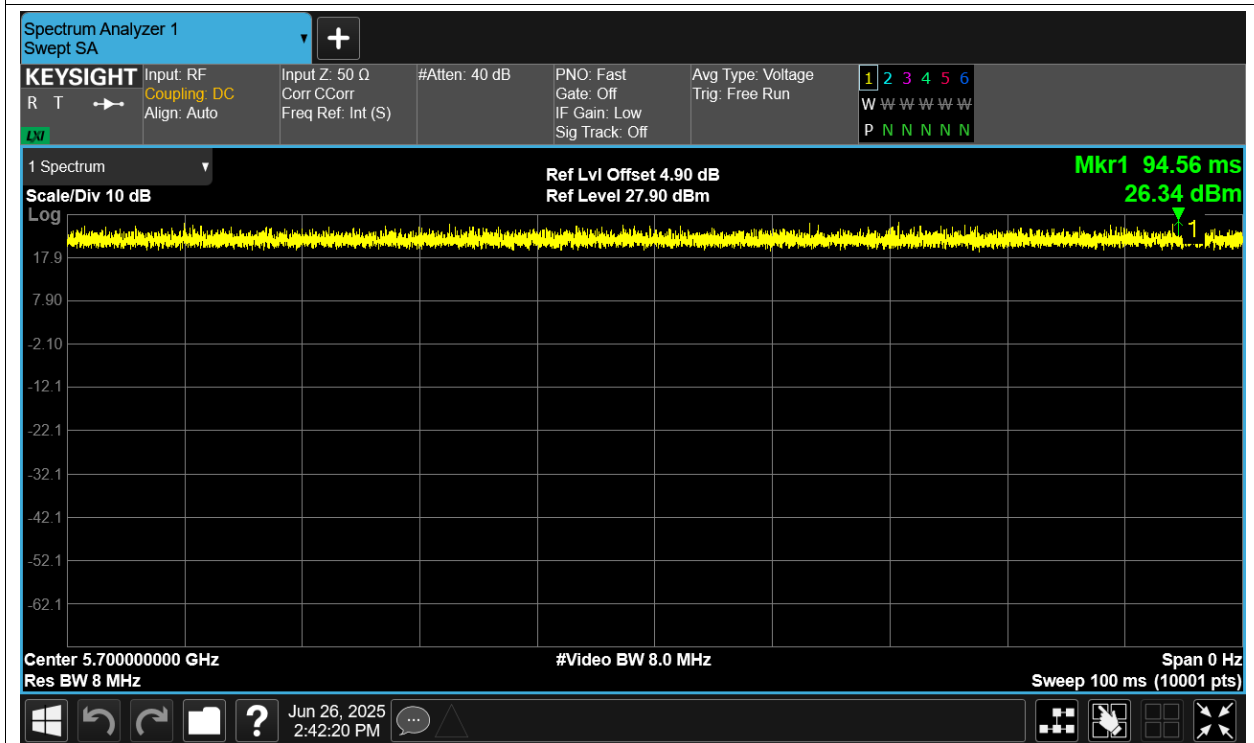
Duty Cycle NVNT n20 5500MHz Ant14



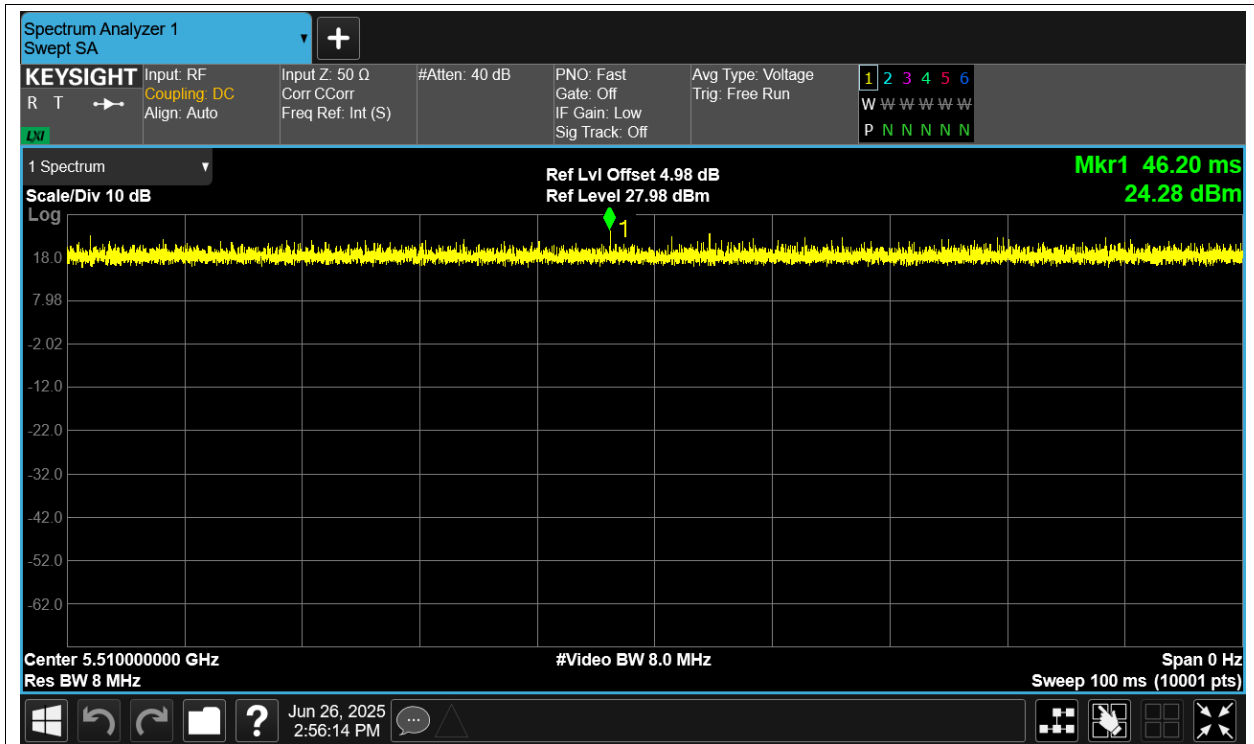
Duty Cycle NVNT n20 5600MHz Ant14



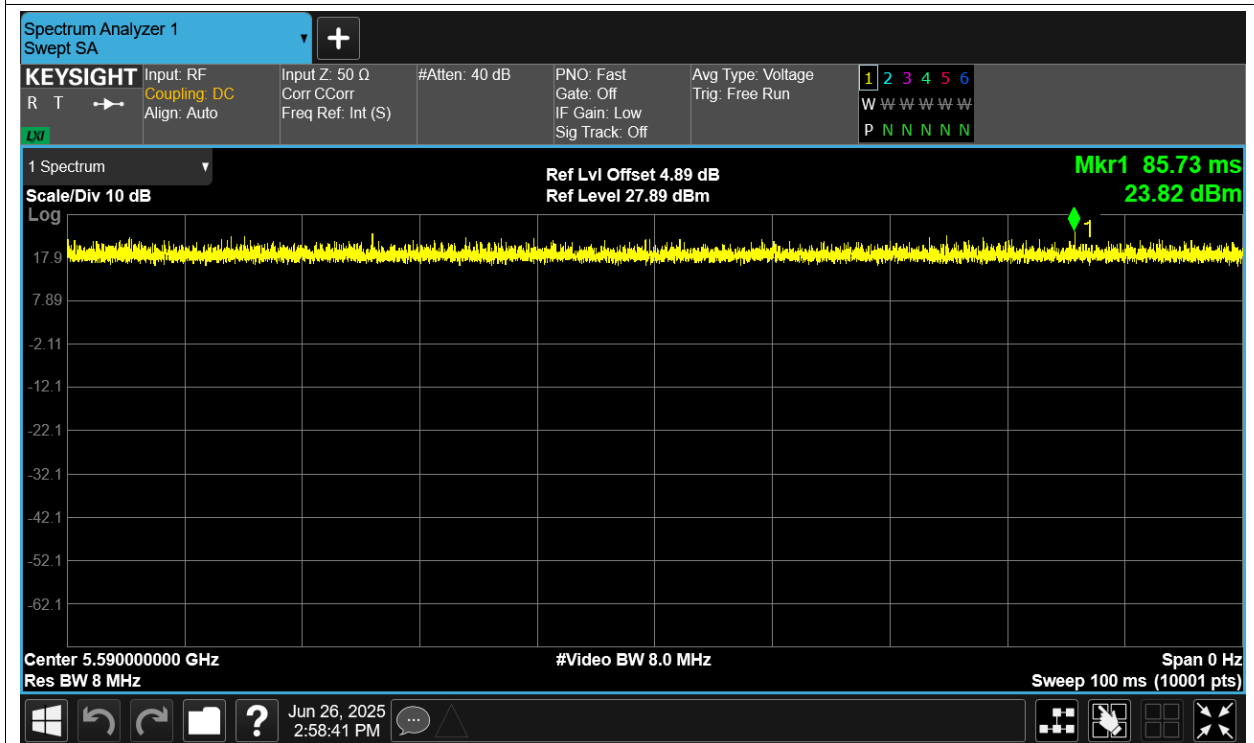
Duty Cycle NVNT n20 5700MHz Ant14



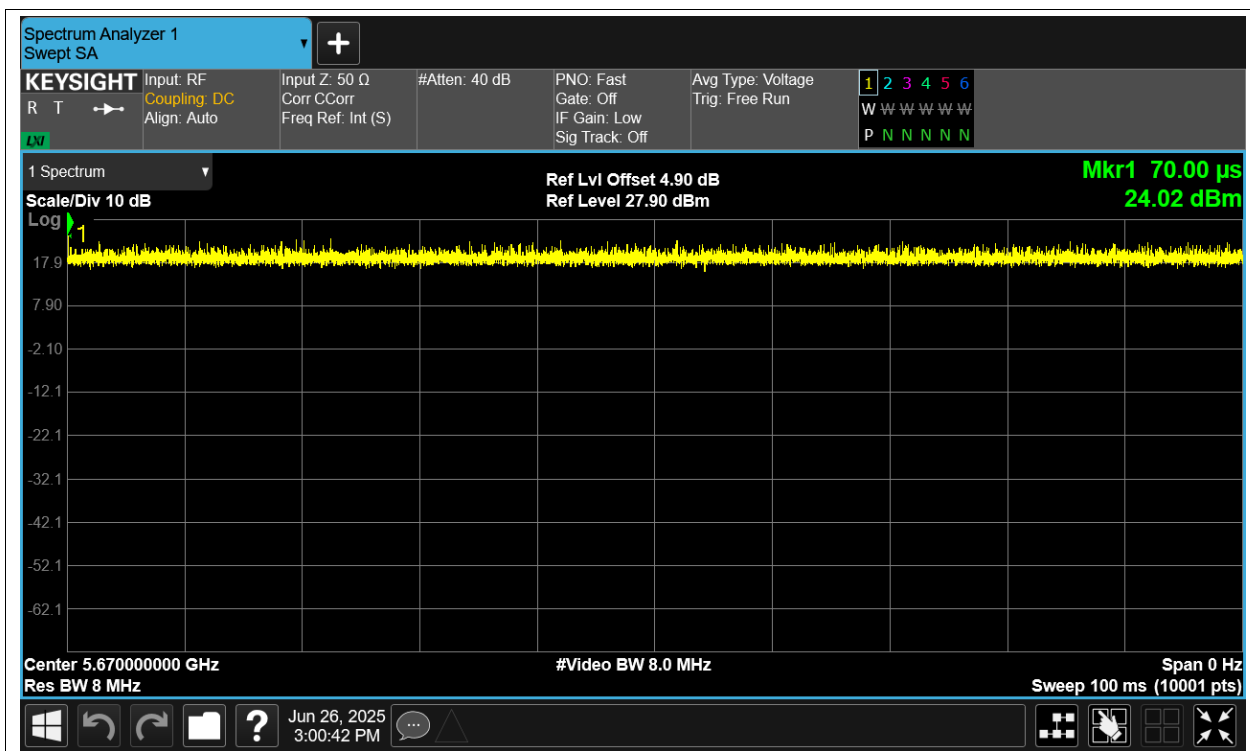
Duty Cycle NVNT n40 5510MHz Ant14



Duty Cycle NVNT n40 5590MHz Ant14



Duty Cycle NVNT n40 5670MHz Ant14



Maximum Conducted Output Power

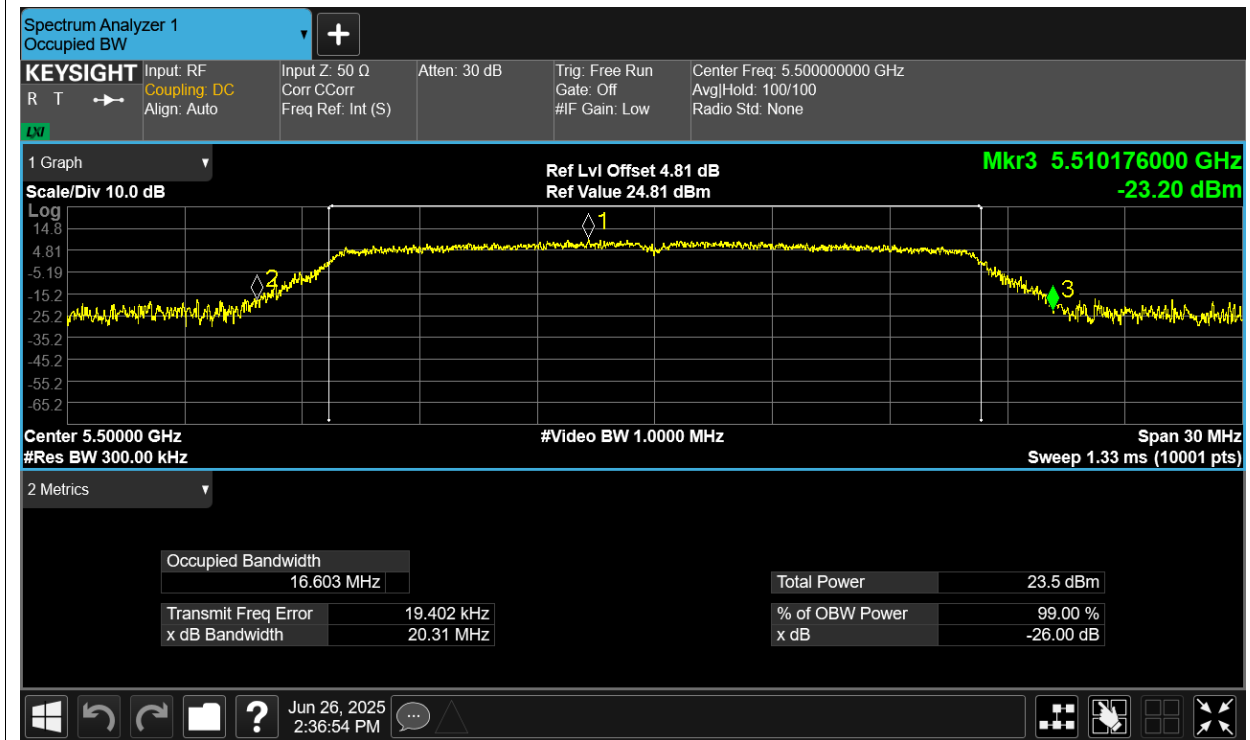
Condition	Mode	Frequency (MHz)	Antenna	Conducted Power (dBm)	Duty Factor (dB)	Total Power (dBm)	Limit (dBm)	Verdict
NVNT	a	5500	Ant14	17.1	0	17.1	24	Pass
NVNT	a	5600	Ant14	16.53	0	16.53	24	Pass
NVNT	a	5700	Ant14	16.9	0	16.9	24	Pass
NVNT	ac20	5500	Ant14	15.88	0	15.88	24	Pass
NVNT	ac20	5600	Ant14	15.13	0	15.13	24	Pass
NVNT	ac20	5700	Ant14	15.92	0	15.92	24	Pass
NVNT	ac40	5510	Ant14	15.86	0	15.86	24	Pass
NVNT	ac40	5590	Ant14	15.32	0	15.32	24	Pass
NVNT	ac40	5670	Ant14	15.13	0	15.13	24	Pass
NVNT	ac80	5530	Ant14	15.15	0	15.15	24	Pass
NVNT	ac80	5610	Ant14	15.38	0	15.38	24	Pass
NVNT	n20	5500	Ant14	16.95	0	16.95	24	Pass
NVNT	n20	5600	Ant14	16.04	0	16.04	24	Pass
NVNT	n20	5700	Ant14	16.94	0	16.94	24	Pass
NVNT	n40	5510	Ant14	16.6	0	16.6	24	Pass
NVNT	n40	5590	Ant14	16.24	0	16.24	24	Pass
NVNT	n40	5670	Ant14	16.06	0	16.06	24	Pass

-26dB Bandwidth

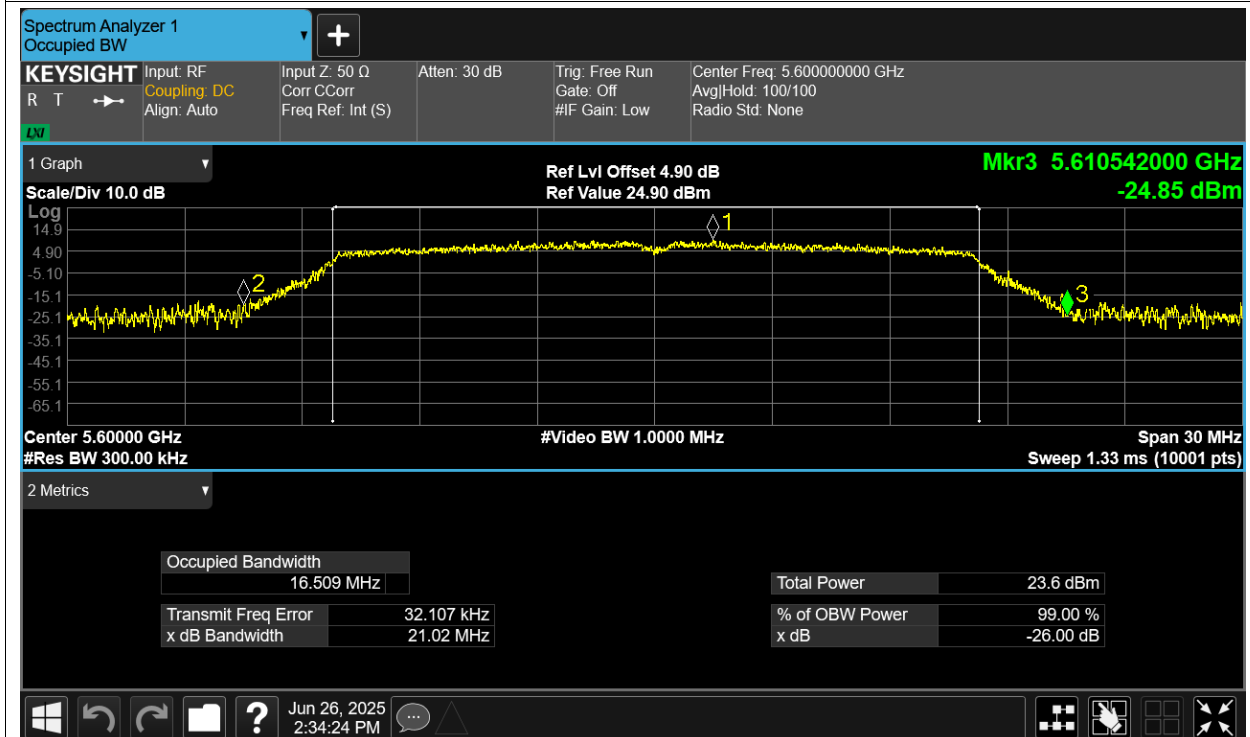
Condition	Mode	Frequency (MHz)	Antenna	-26 dB Bandwidth (MHz)
NVNT	a	5500	Ant14	20.313
NVNT	a	5600	Ant14	21.02
NVNT	a	5700	Ant14	21.391
NVNT	ac20	5500	Ant14	20.283
NVNT	ac20	5600	Ant14	20.24
NVNT	ac20	5700	Ant14	20.455
NVNT	ac40	5510	Ant14	40.322
NVNT	ac40	5590	Ant14	40.307
NVNT	ac40	5670	Ant14	40.578
NVNT	ac80	5530	Ant14	80.373
NVNT	ac80	5610	Ant14	86.84
NVNT	n20	5500	Ant14	20.929
NVNT	n20	5600	Ant14	21.417
NVNT	n20	5700	Ant14	20.942
NVNT	n40	5510	Ant14	40.363
NVNT	n40	5590	Ant14	40.7
NVNT	n40	5670	Ant14	40.672

Test Graphs

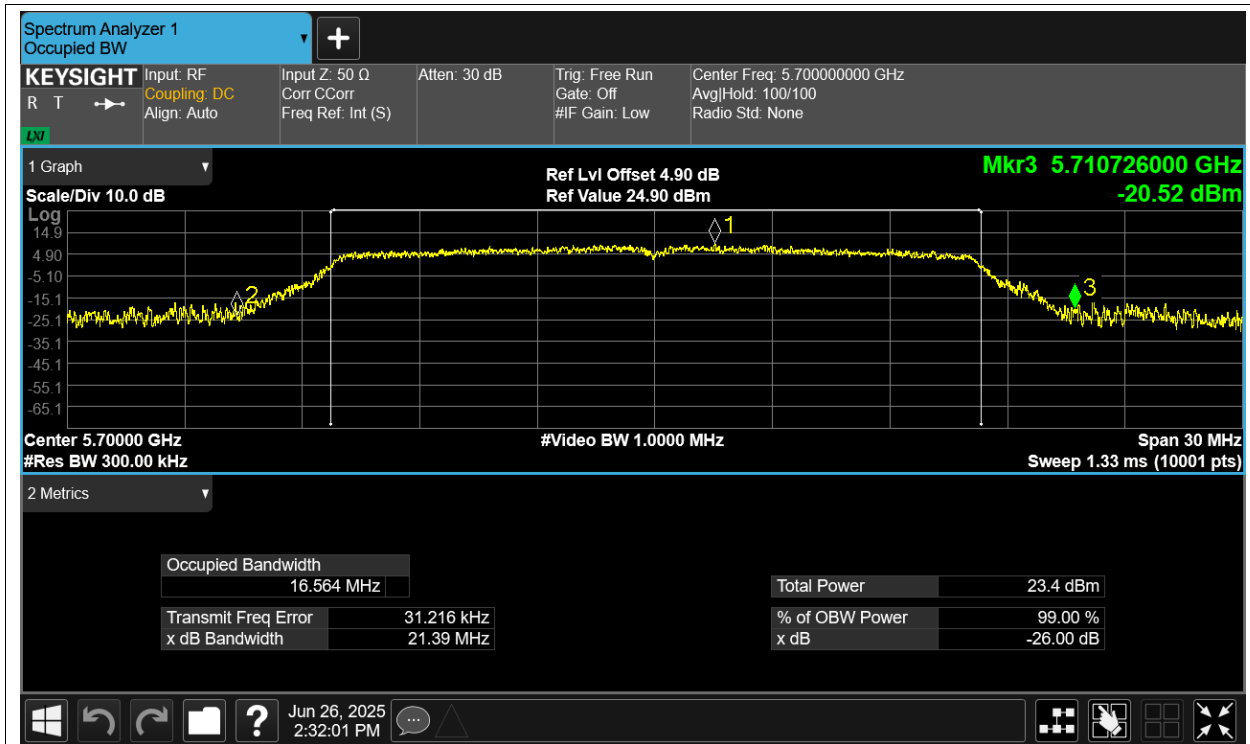
-26dB Bandwidth NVNT a 5500MHz Ant14



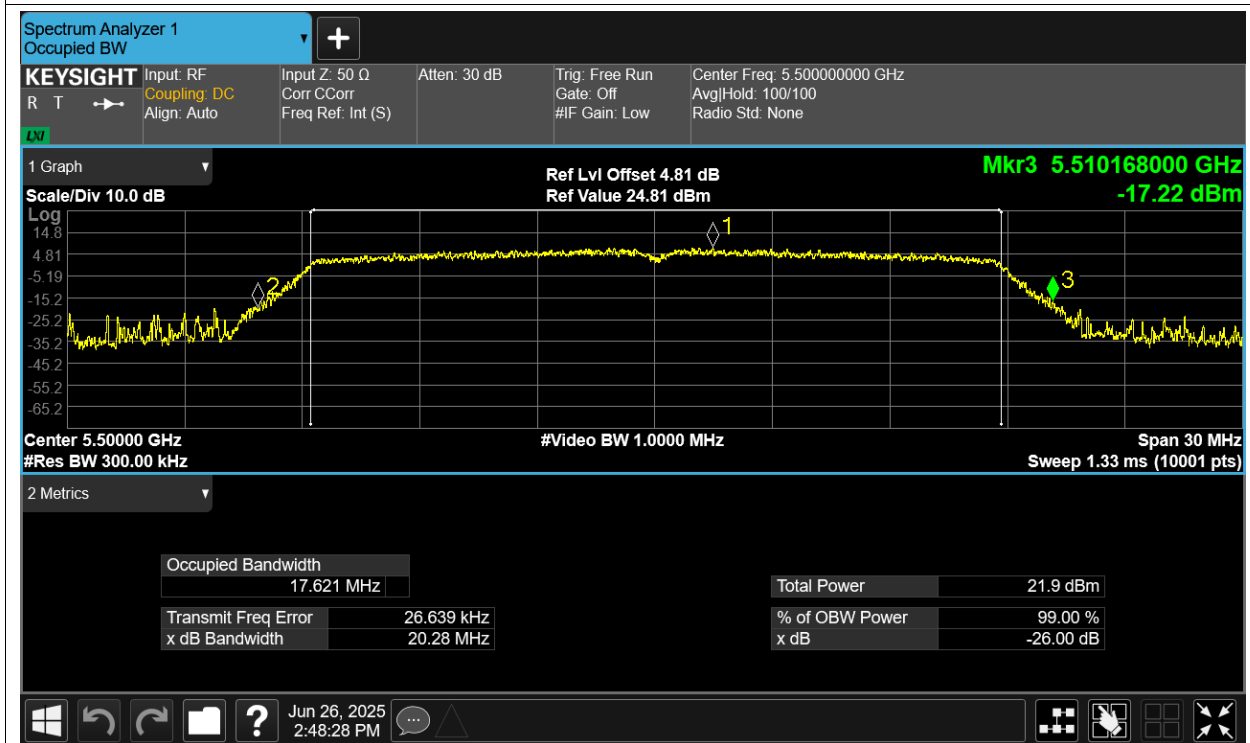
-26dB Bandwidth NVNT a 5600MHz Ant14



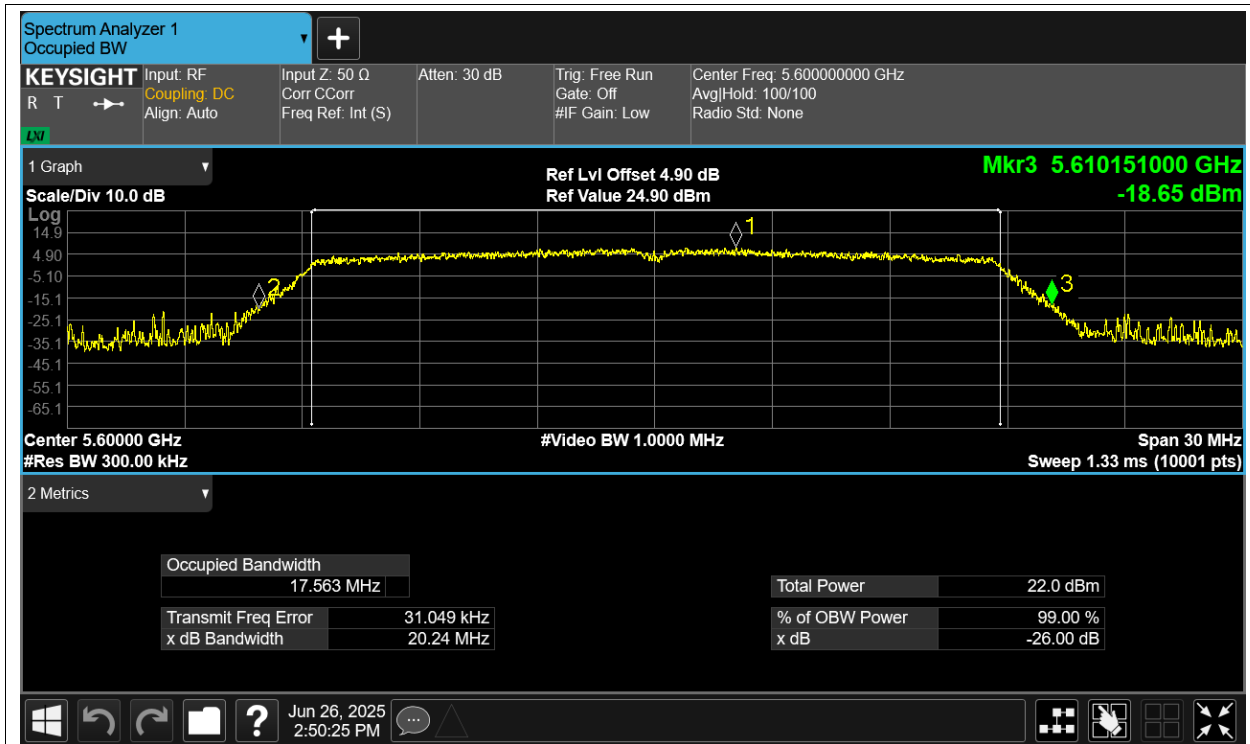
-26dB Bandwidth NVNT a 5700MHz Ant14



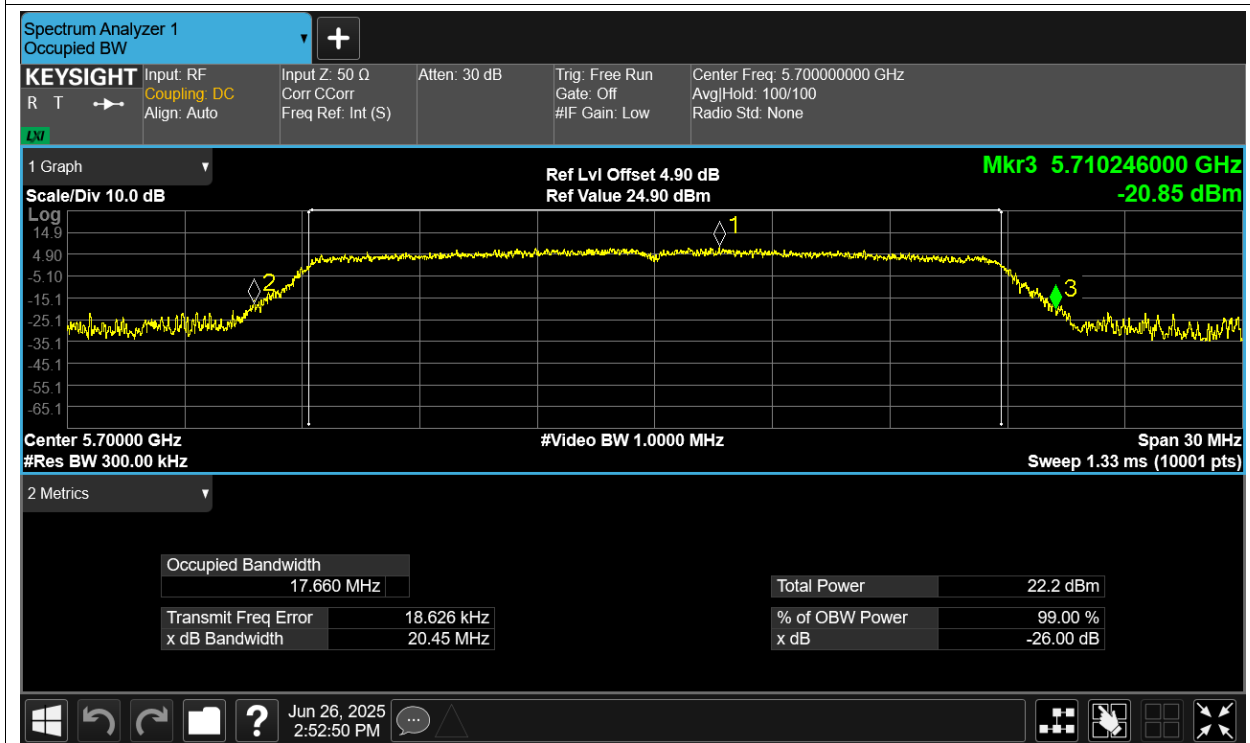
-26dB Bandwidth NVNT ac20 5500MHz Ant14



-26dB Bandwidth NVNT ac20 5600MHz Ant14



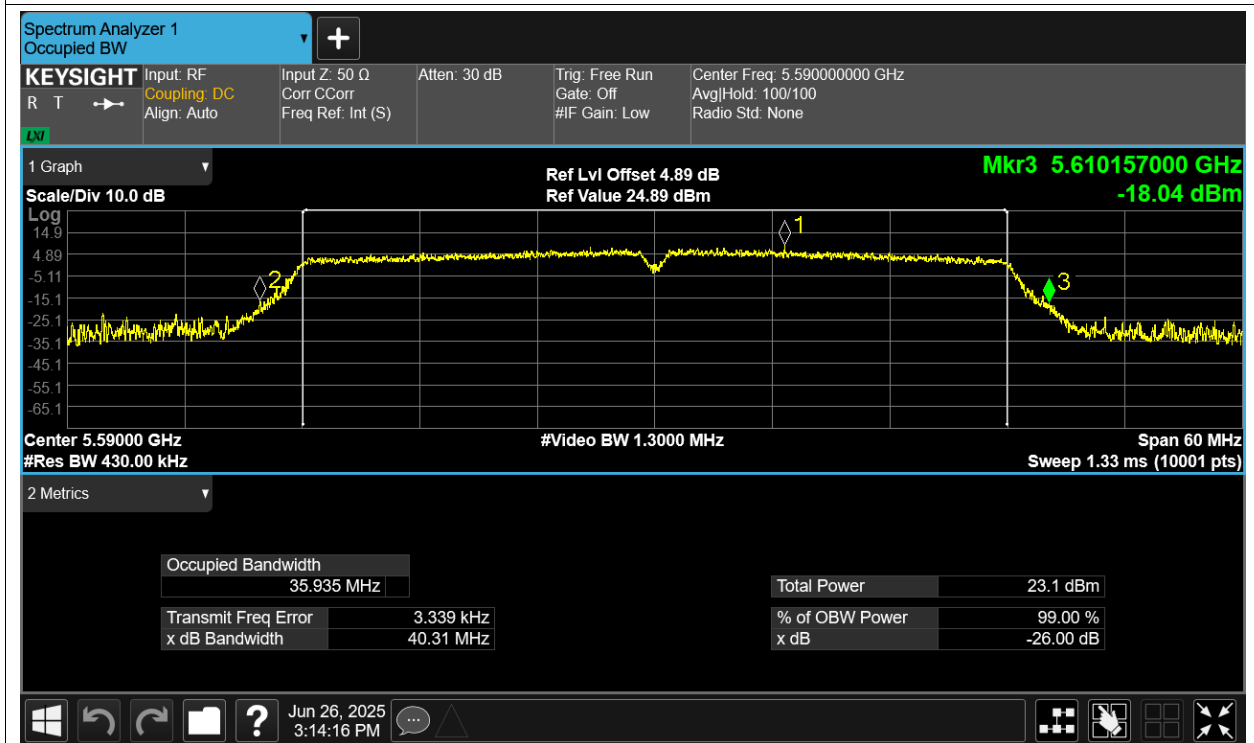
-26dB Bandwidth NVNT ac20 5700MHz Ant14



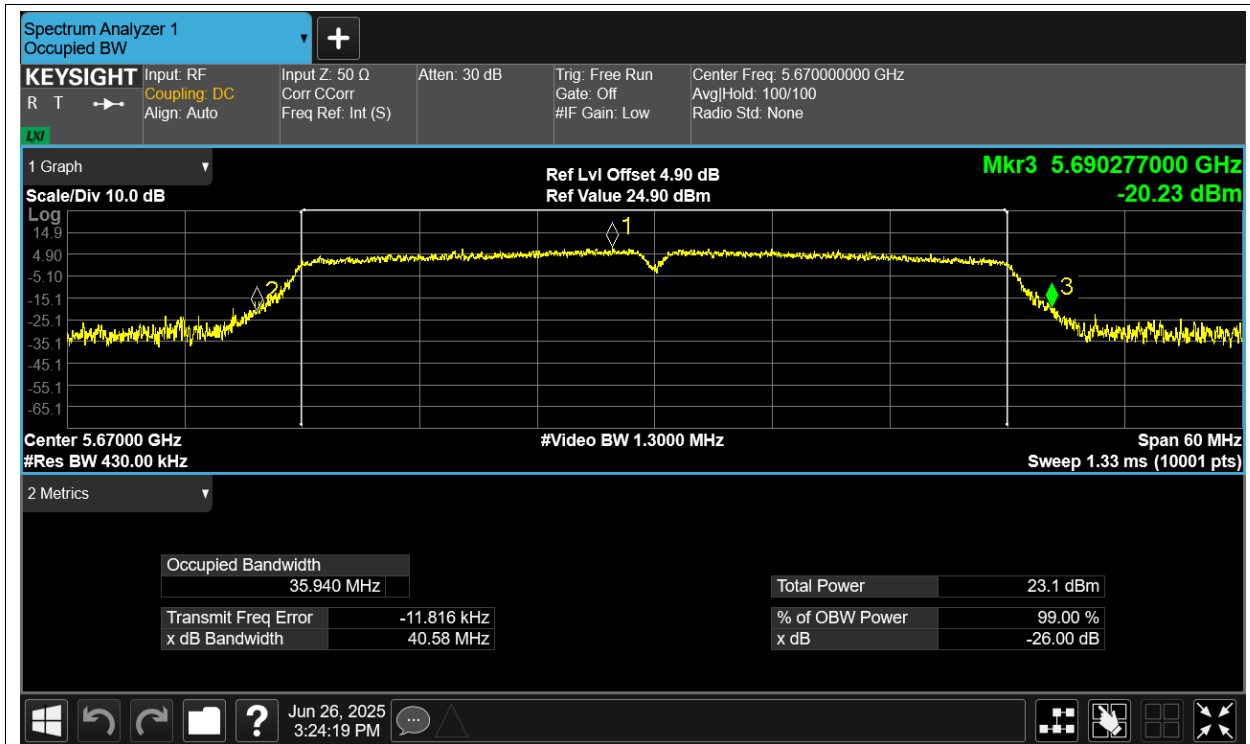
-26dB Bandwidth NVNT ac40 5510MHz Ant14



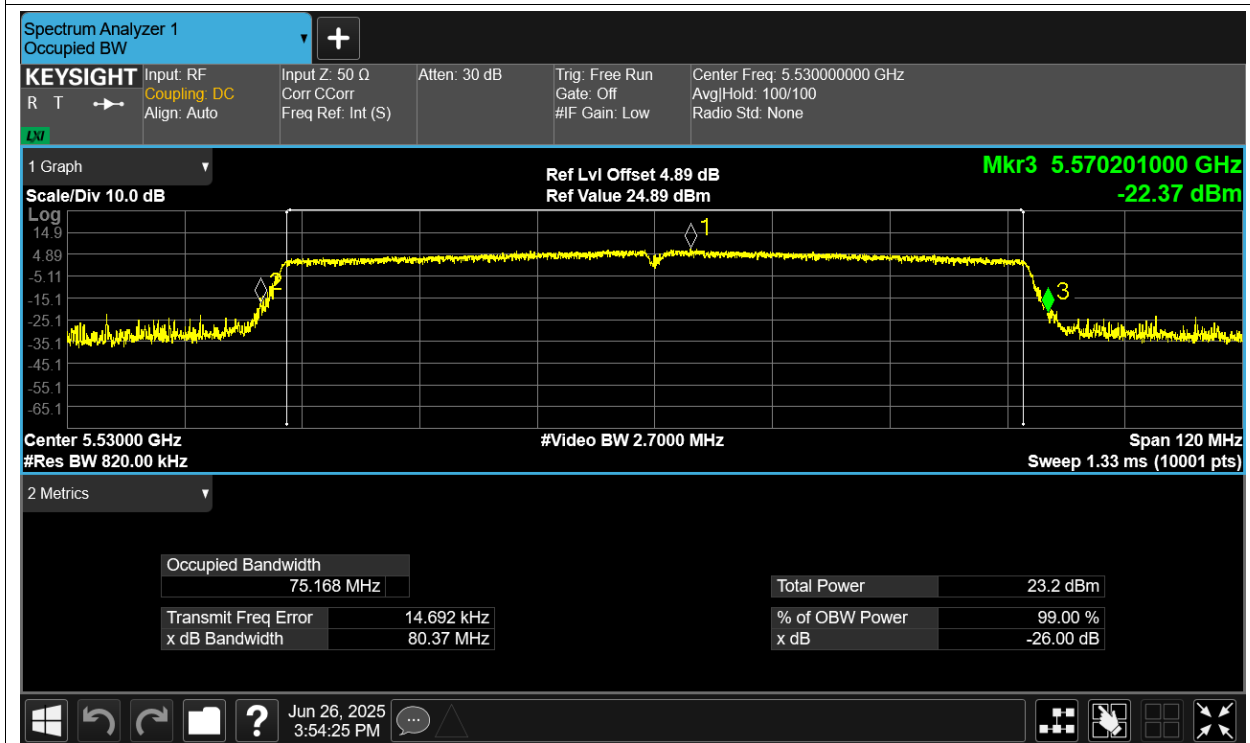
-26dB Bandwidth NVNT ac40 5590MHz Ant14



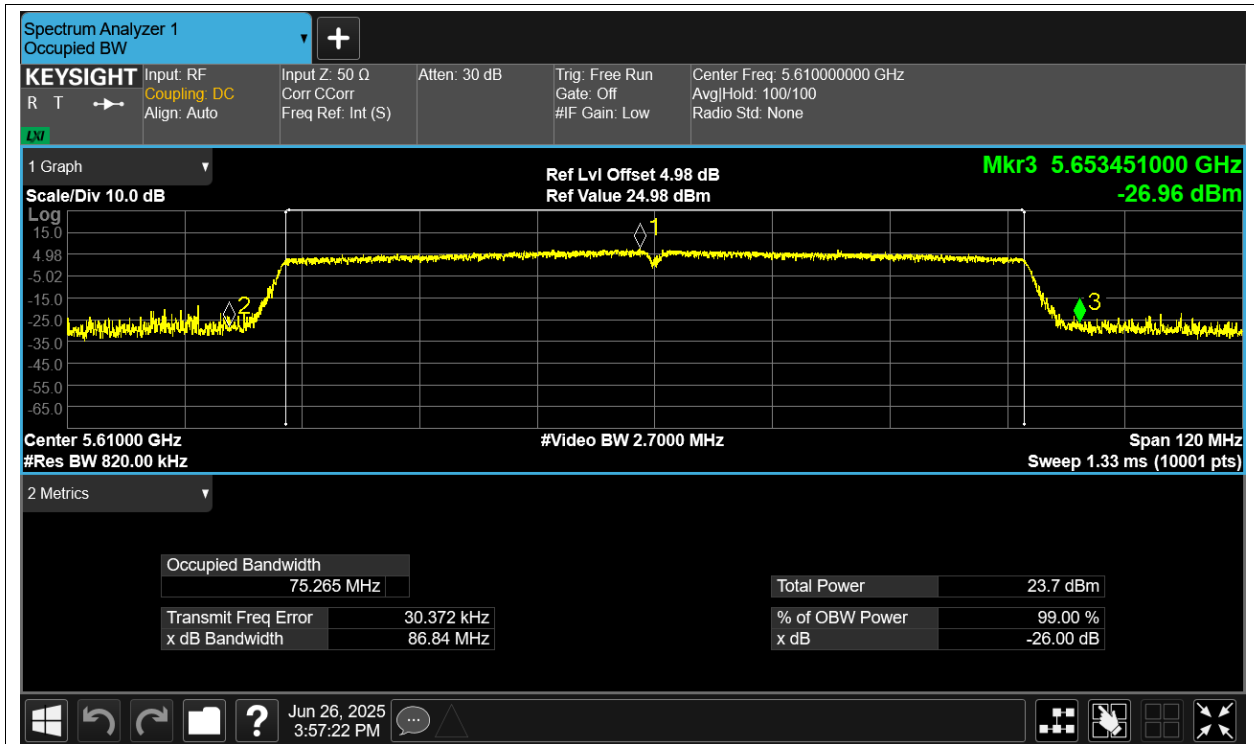
-26dB Bandwidth NVNT ac40 5670MHz Ant14



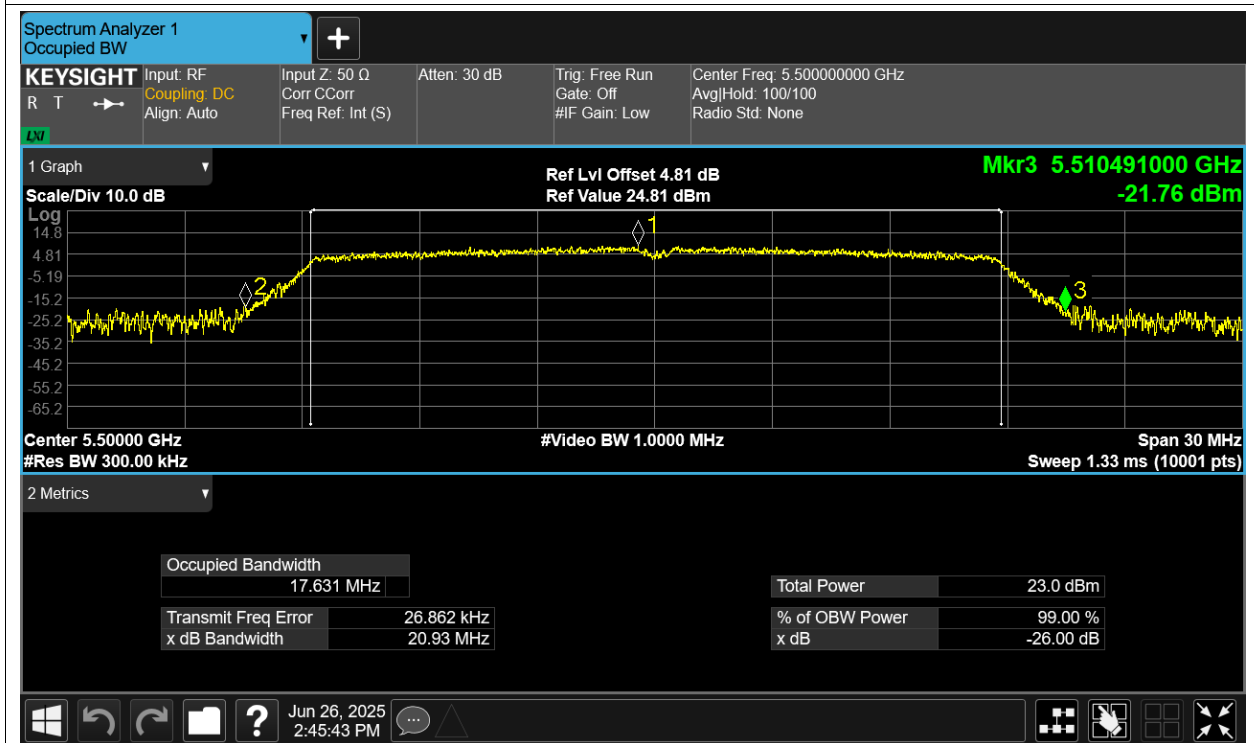
-26dB Bandwidth NVNT ac80 5530MHz Ant14



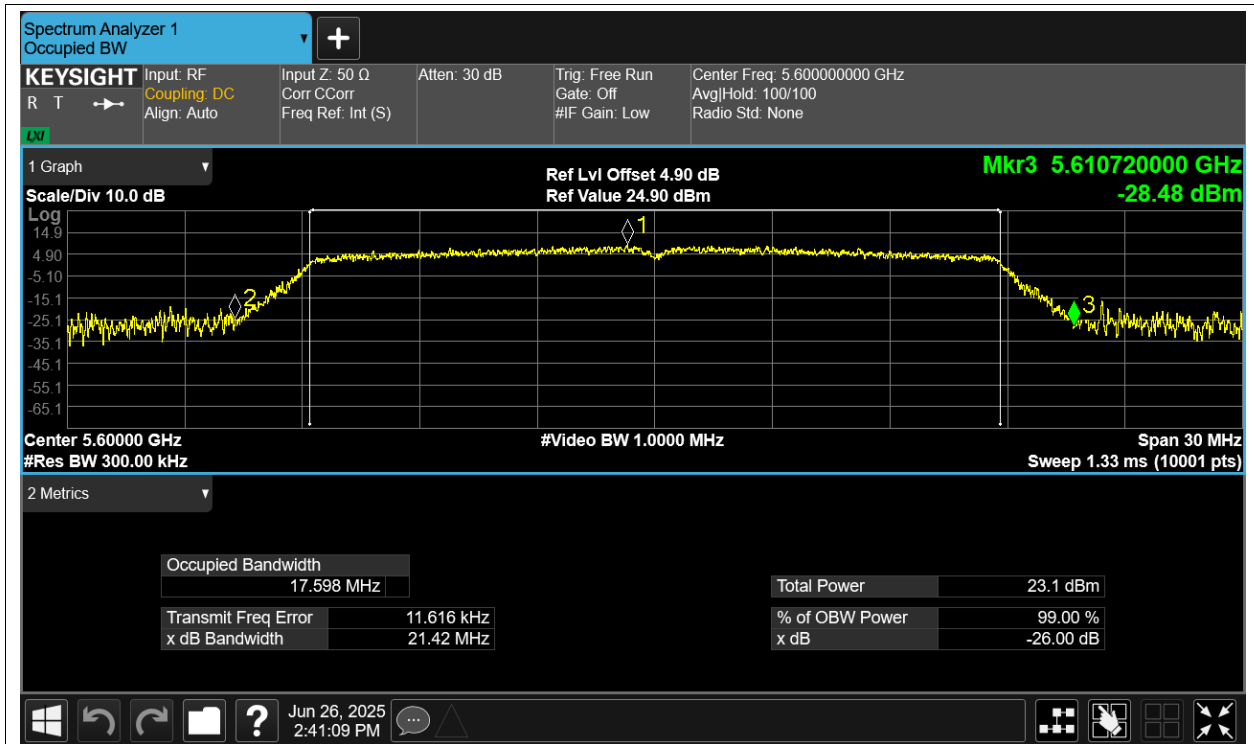
-26dB Bandwidth NVNT ac80 5610MHz Ant14



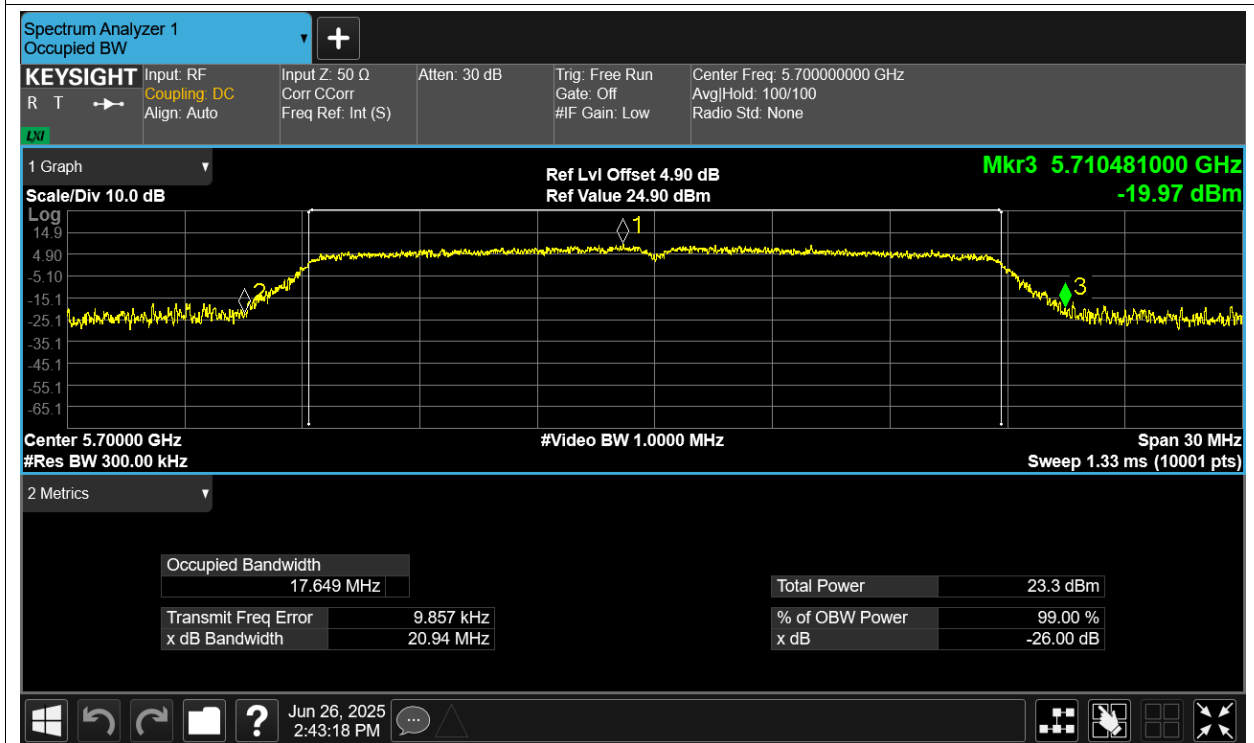
-26dB Bandwidth NVNT n20 5500MHz Ant14



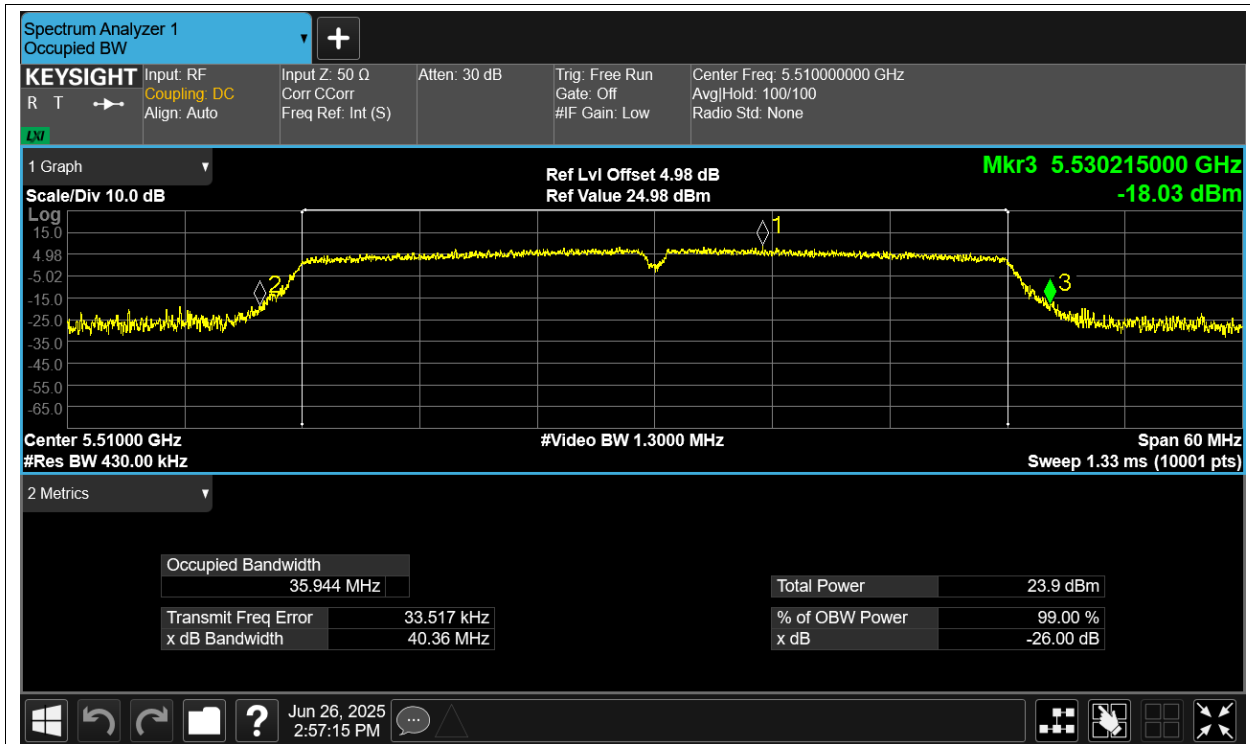
-26dB Bandwidth NVNT n20 5600MHz Ant14



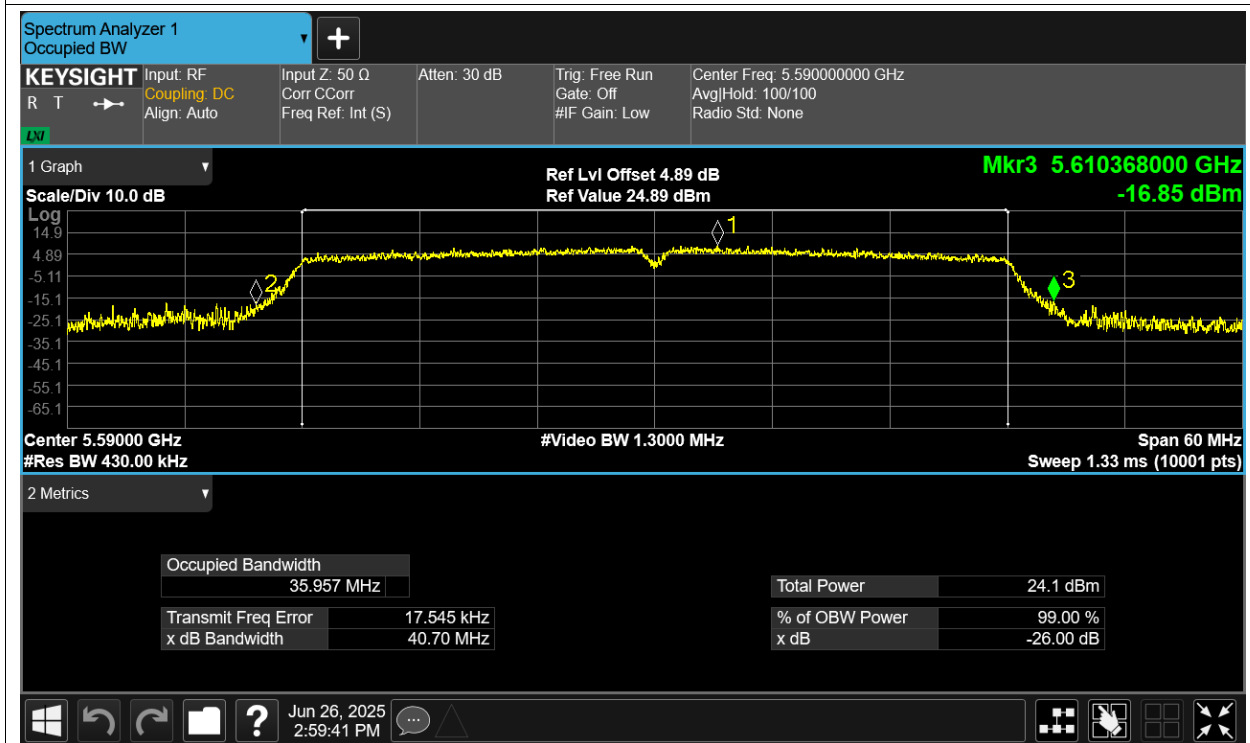
-26dB Bandwidth NVNT n20 5700MHz Ant14



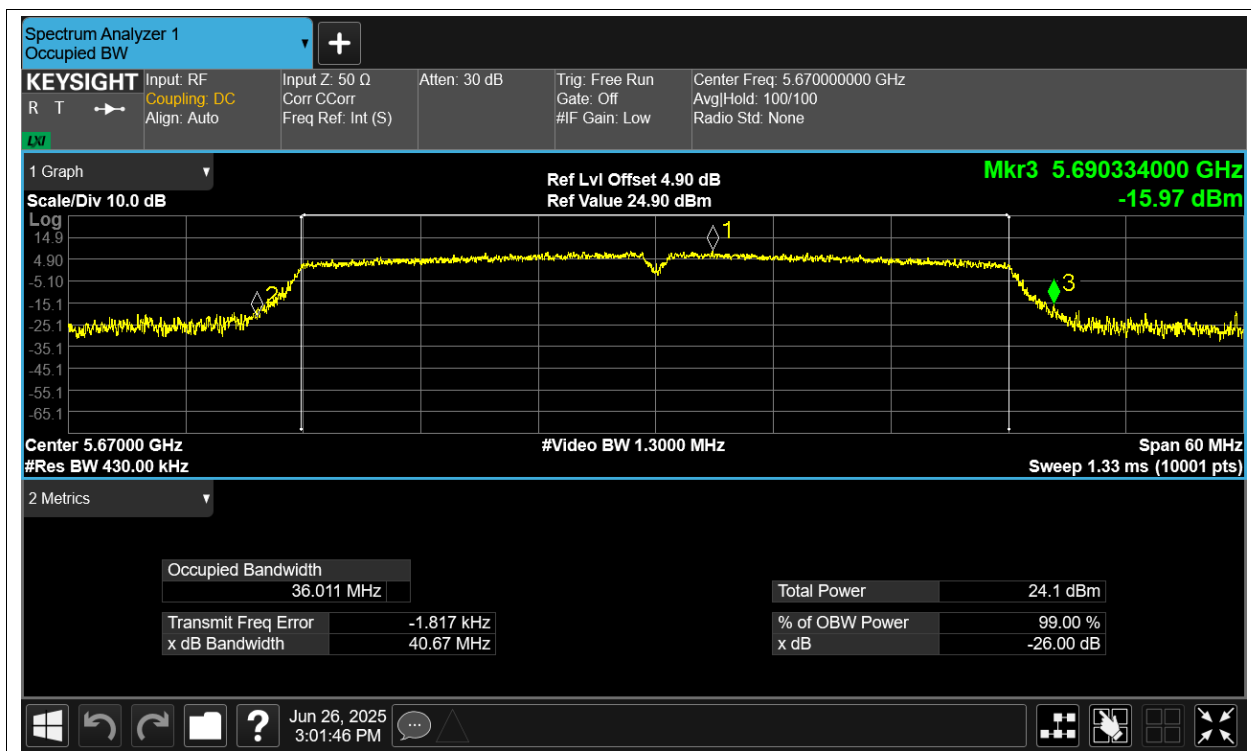
-26dB Bandwidth NVNT n40 5510MHz Ant14



-26dB Bandwidth NVNT n40 5590MHz Ant14



-26dB Bandwidth NVNT n40 5670MHz Ant14

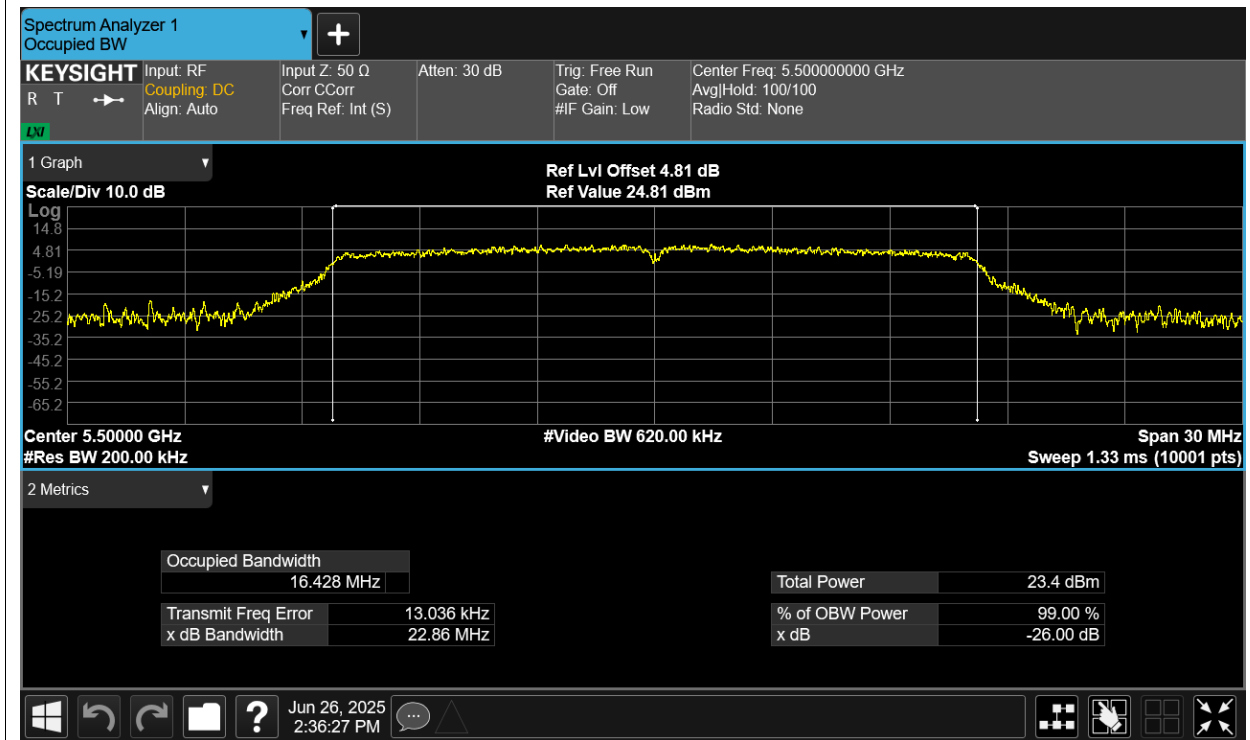


Occupied Channel Bandwidth

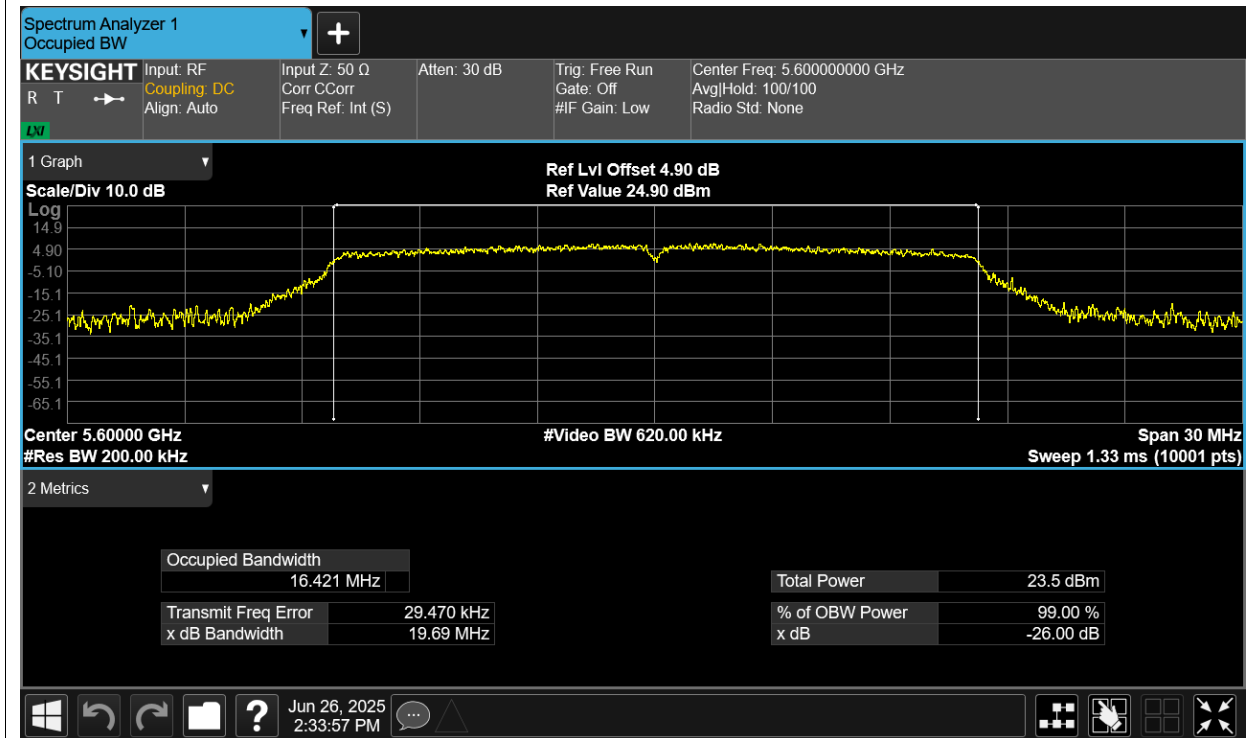
Condition	Mode	Frequency (MHz)	Antenna	99% OBW (MHz)
NVNT	a	5500	Ant14	16.428
NVNT	a	5600	Ant14	16.421
NVNT	a	5700	Ant14	16.452
NVNT	ac20	5500	Ant14	17.577
NVNT	ac20	5600	Ant14	17.538
NVNT	ac20	5700	Ant14	17.585
NVNT	ac40	5510	Ant14	35.961
NVNT	ac40	5590	Ant14	36.002
NVNT	ac40	5670	Ant14	35.945
NVNT	ac80	5530	Ant14	75.171
NVNT	ac80	5610	Ant14	75.255
NVNT	n20	5500	Ant14	17.57
NVNT	n20	5600	Ant14	17.566
NVNT	n20	5700	Ant14	17.598
NVNT	n40	5510	Ant14	36.019
NVNT	n40	5590	Ant14	35.962
NVNT	n40	5670	Ant14	35.984

Test Graphs

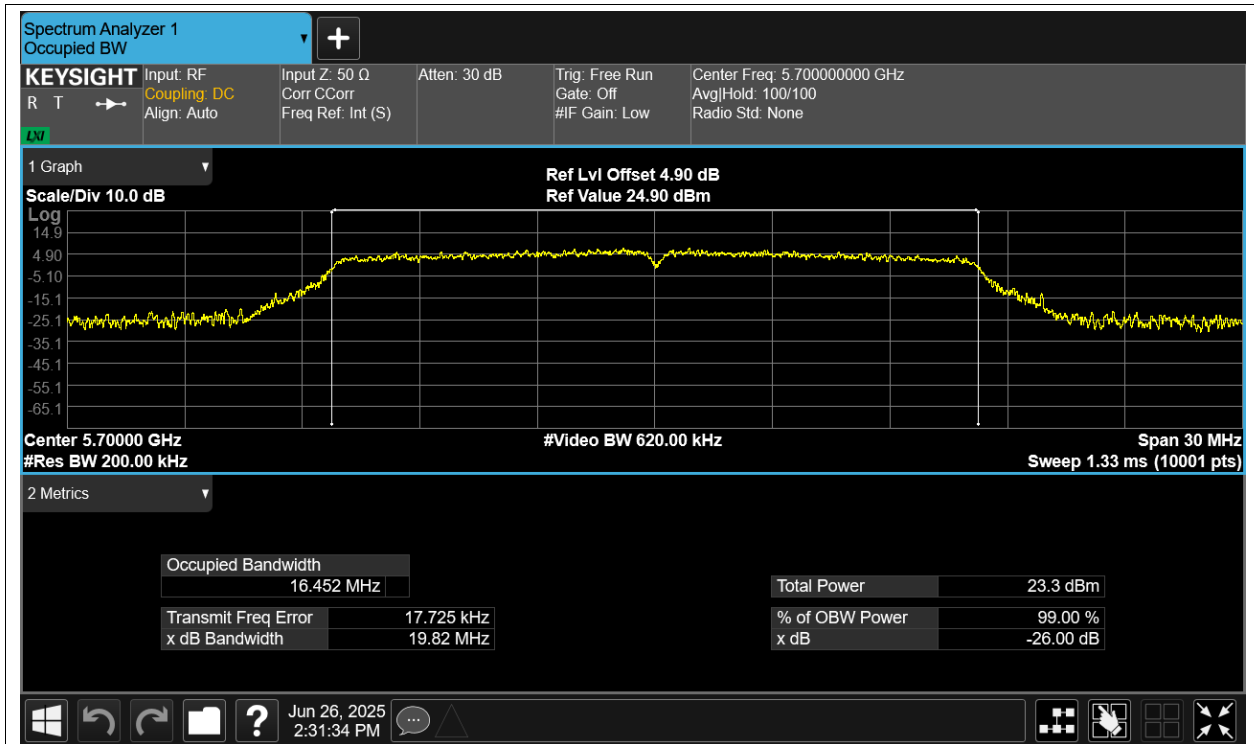
OBW NVNT a 5500MHz Ant14



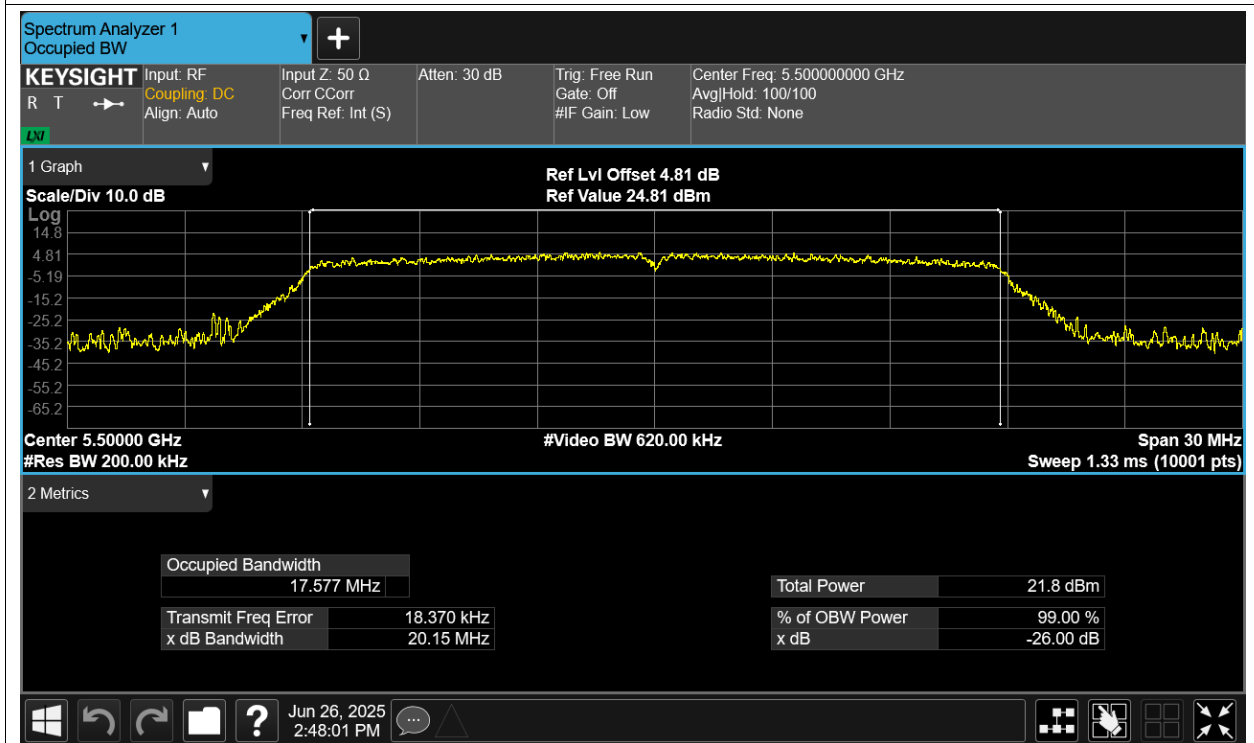
OBW NVNT a 5600MHz Ant14



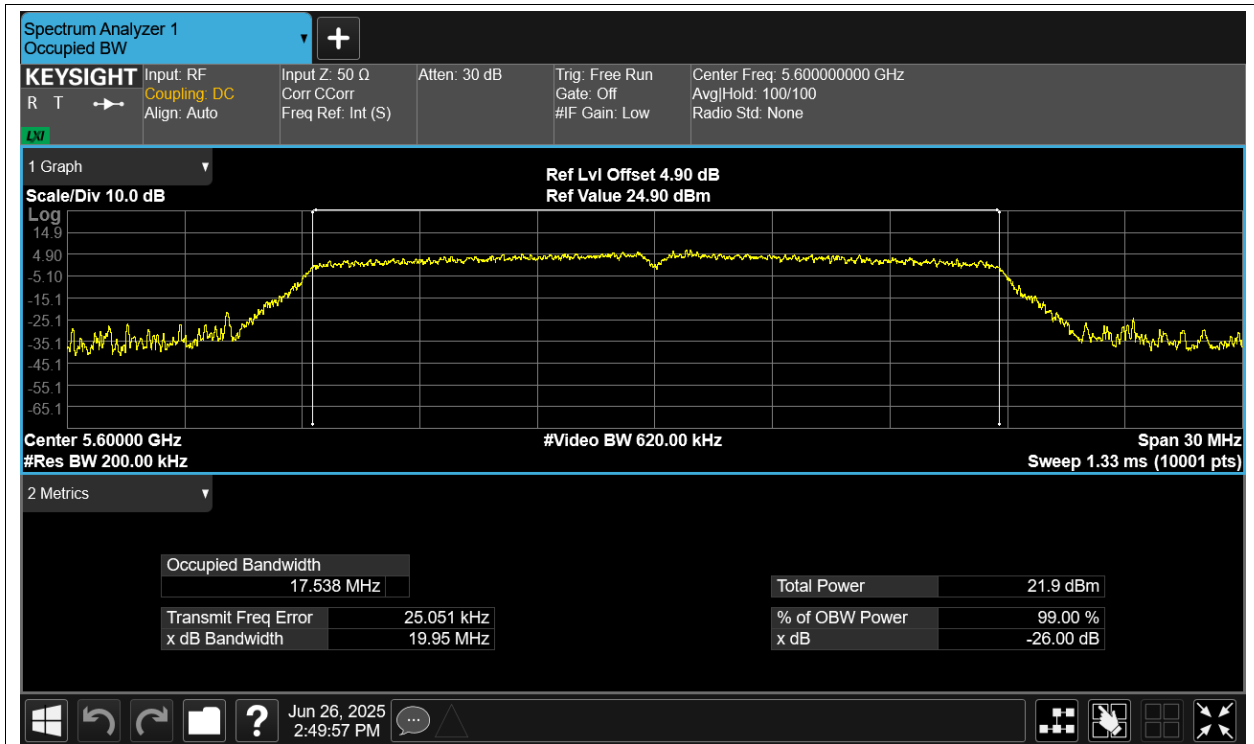
OBW NVNT a 5700MHz Ant14



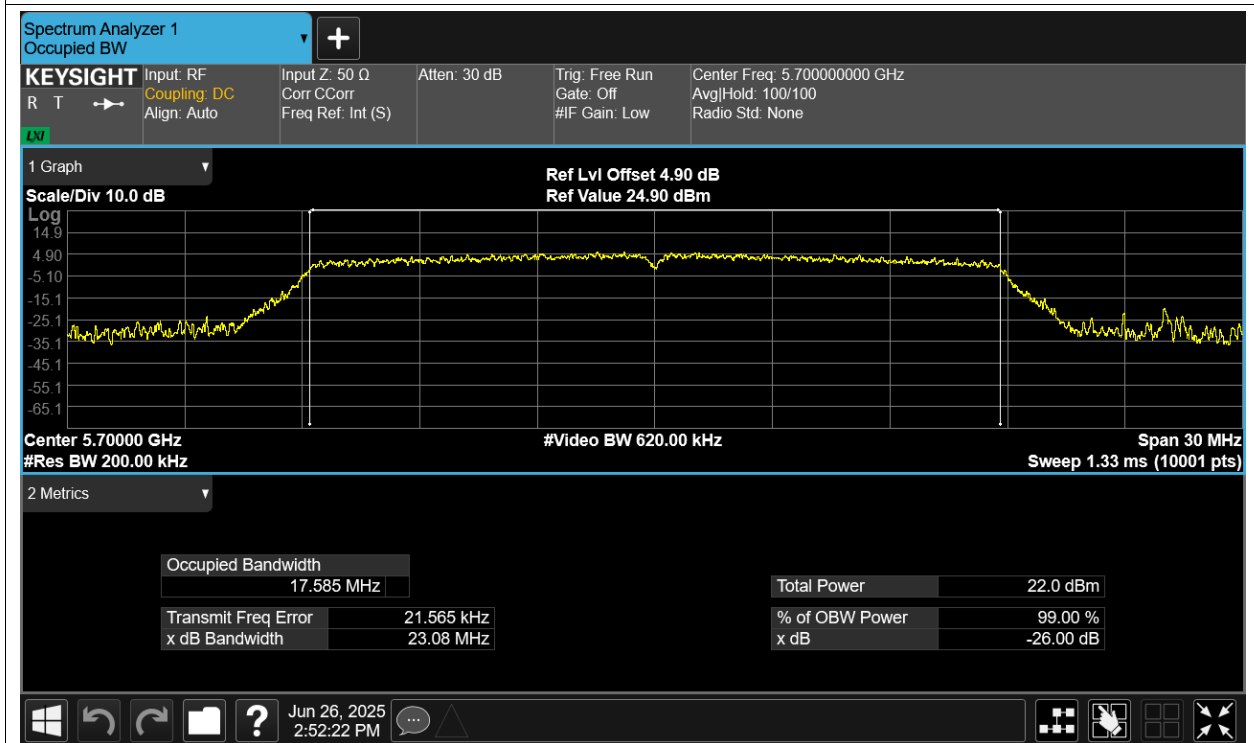
OBW NVNT ac20 5500MHz Ant14



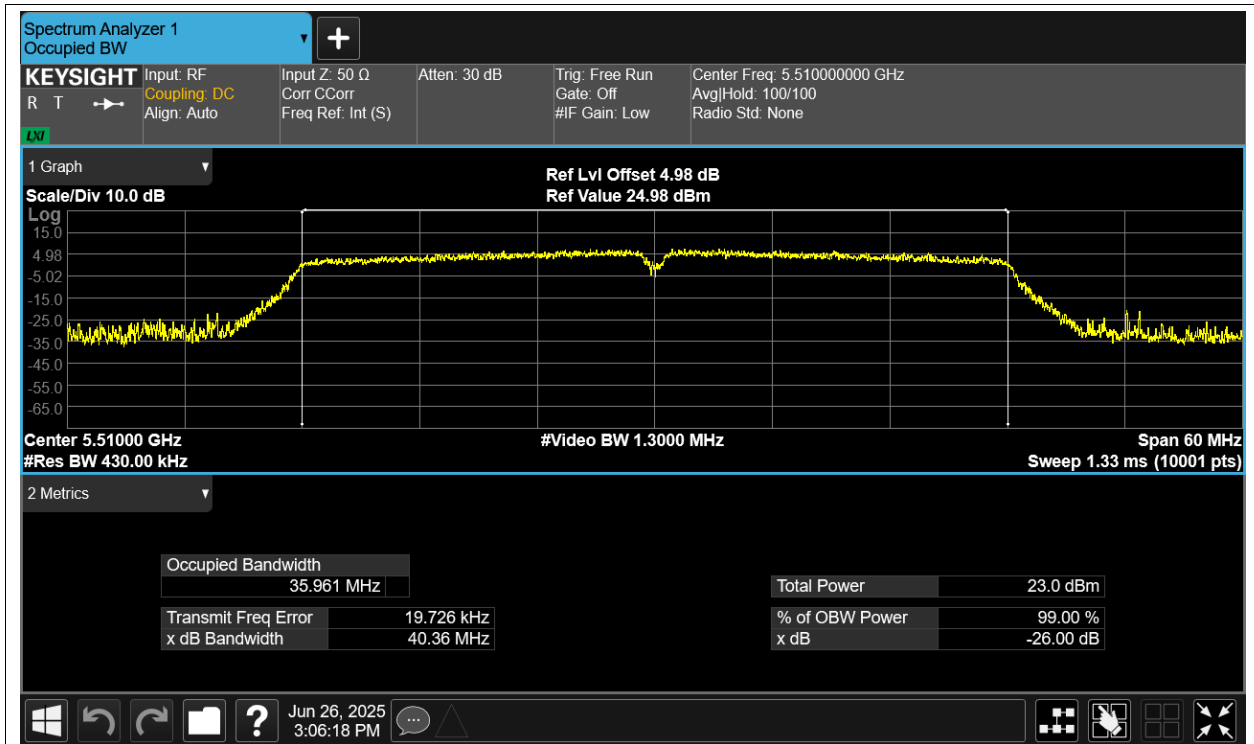
OBW NVNT ac20 5600MHz Ant14



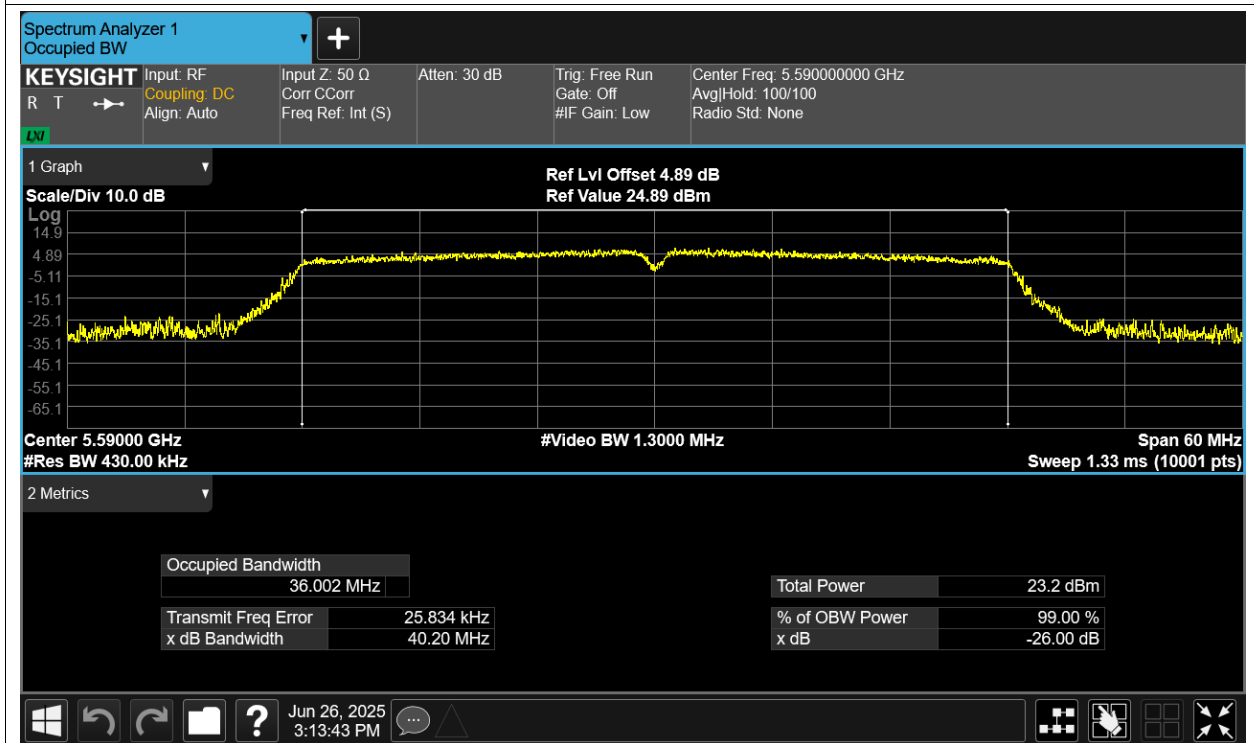
OBW NVNT ac20 5700MHz Ant14



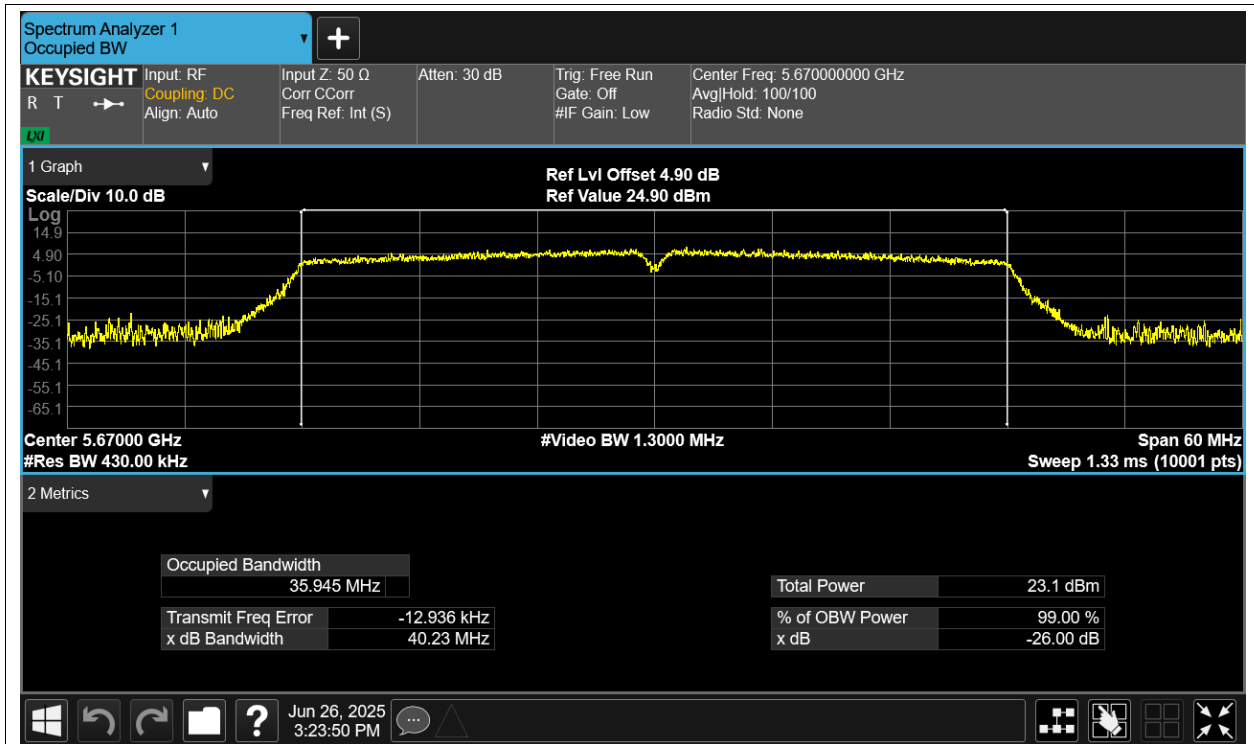
OBW NVNT ac40 5510MHz Ant14



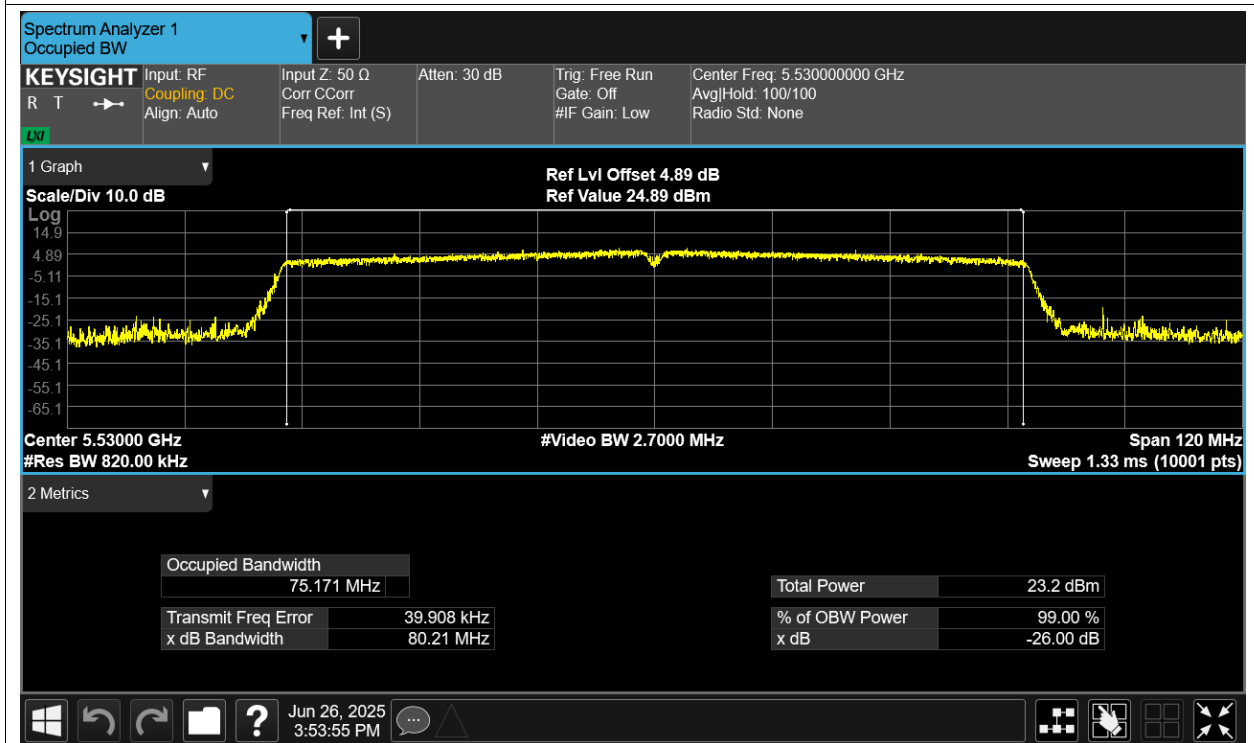
OBW NVNT ac40 5590MHz Ant14



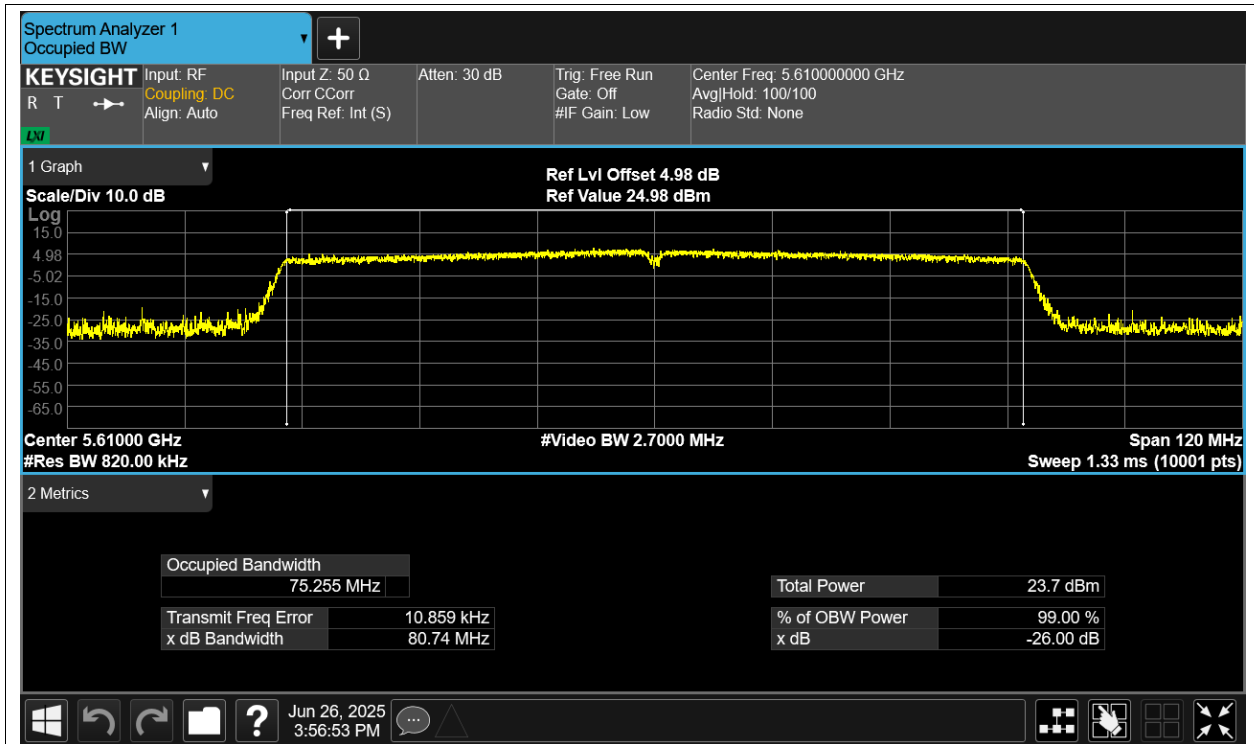
OBW NVNT ac40 5670MHz Ant14



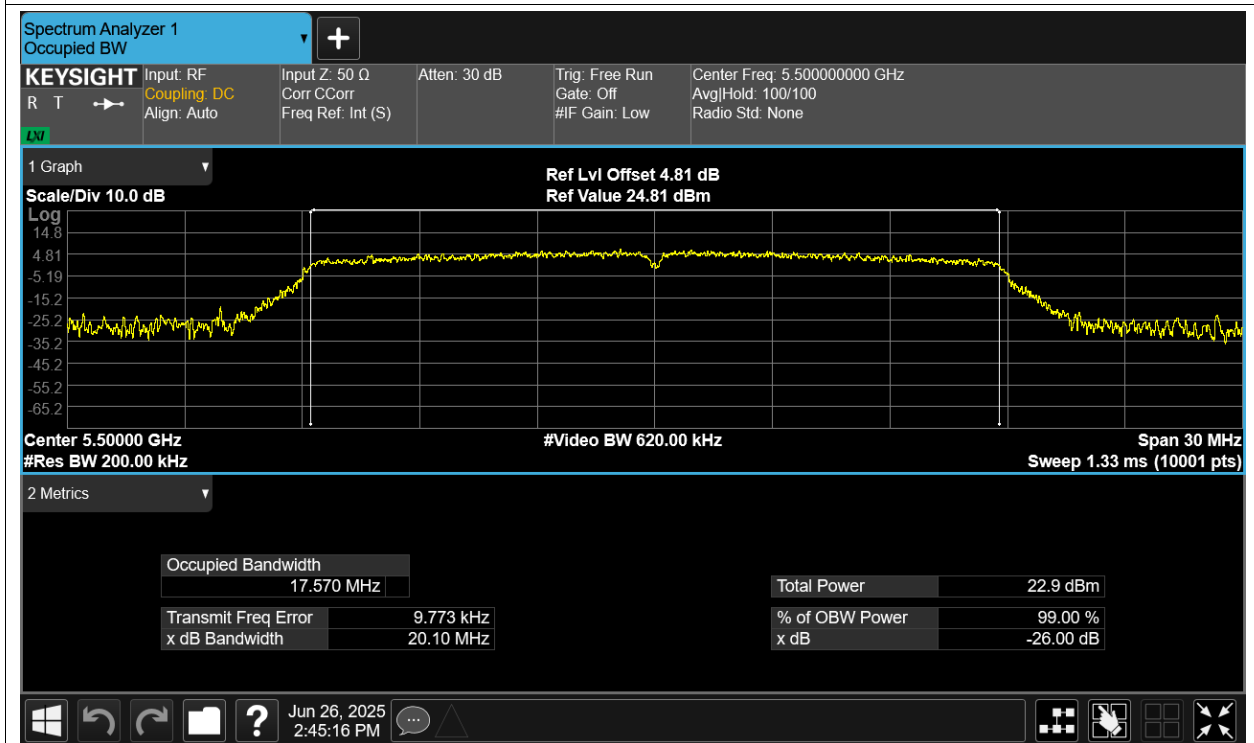
OBW NVNT ac80 5530MHz Ant14



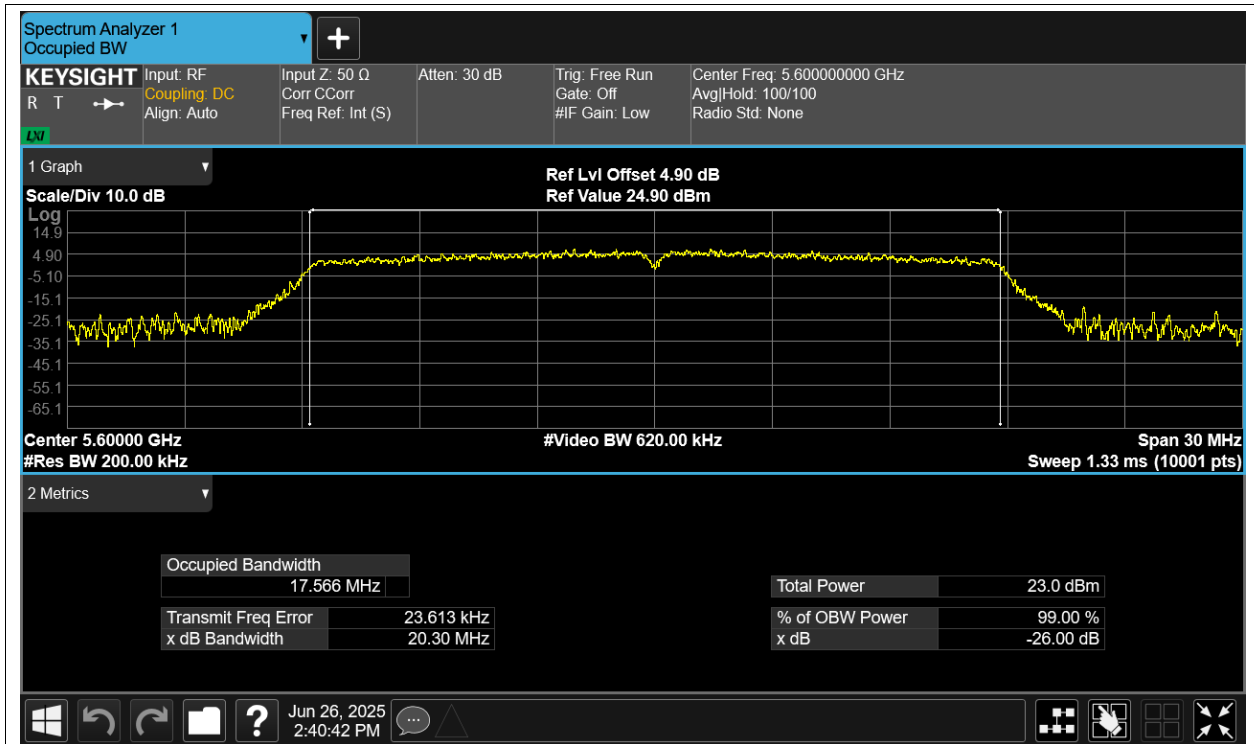
OBW NVNT ac80 5610MHz Ant14



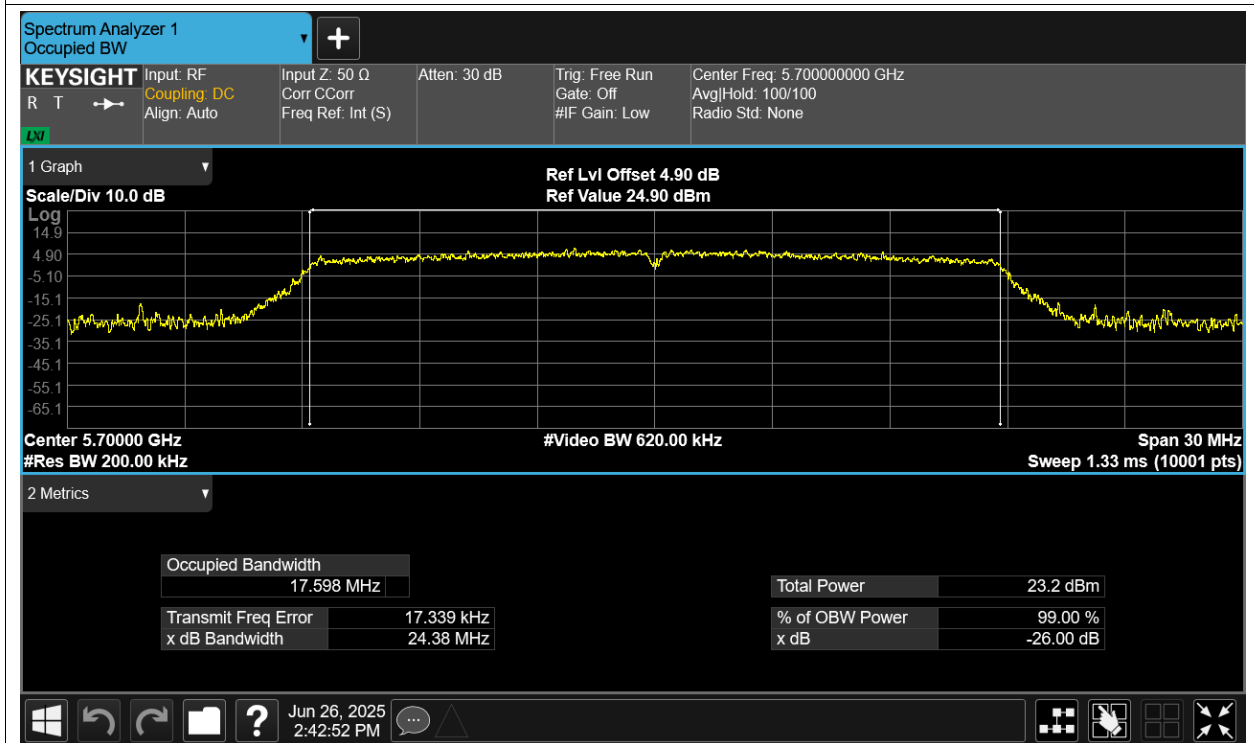
OBW NVNT n20 5500MHz Ant14



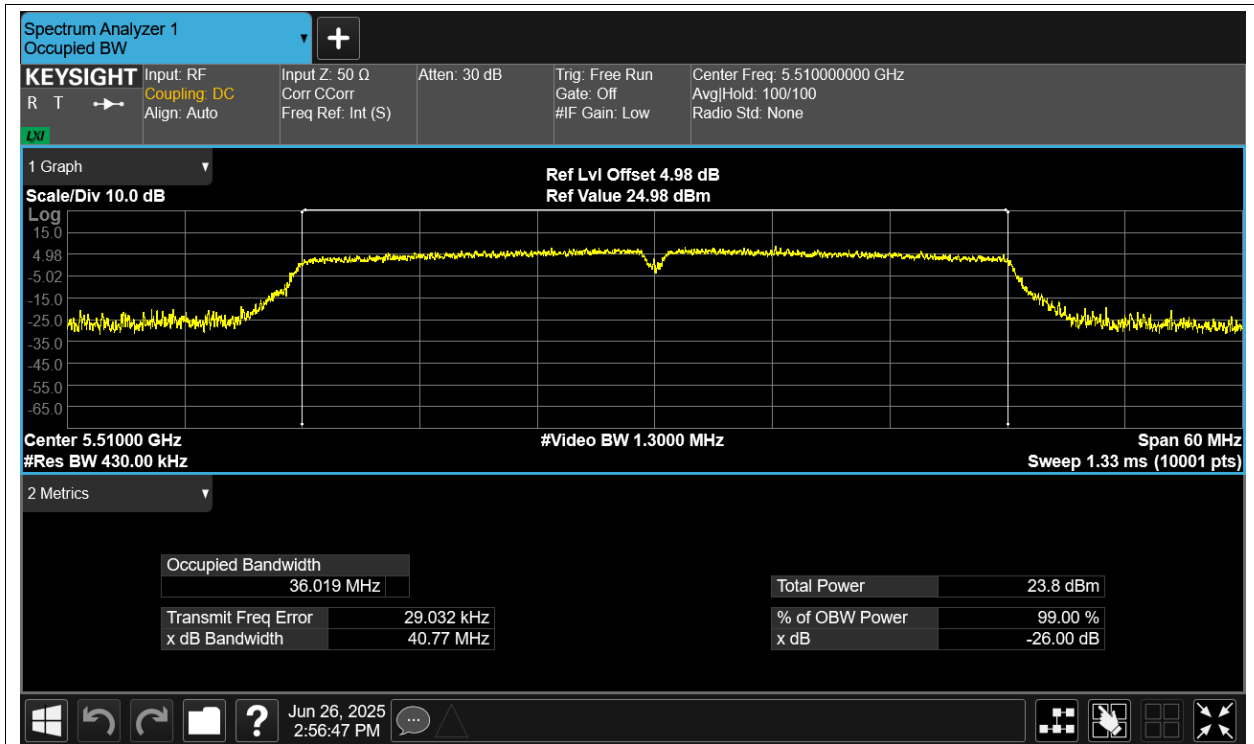
OBW NVNT n20 5600MHz Ant14



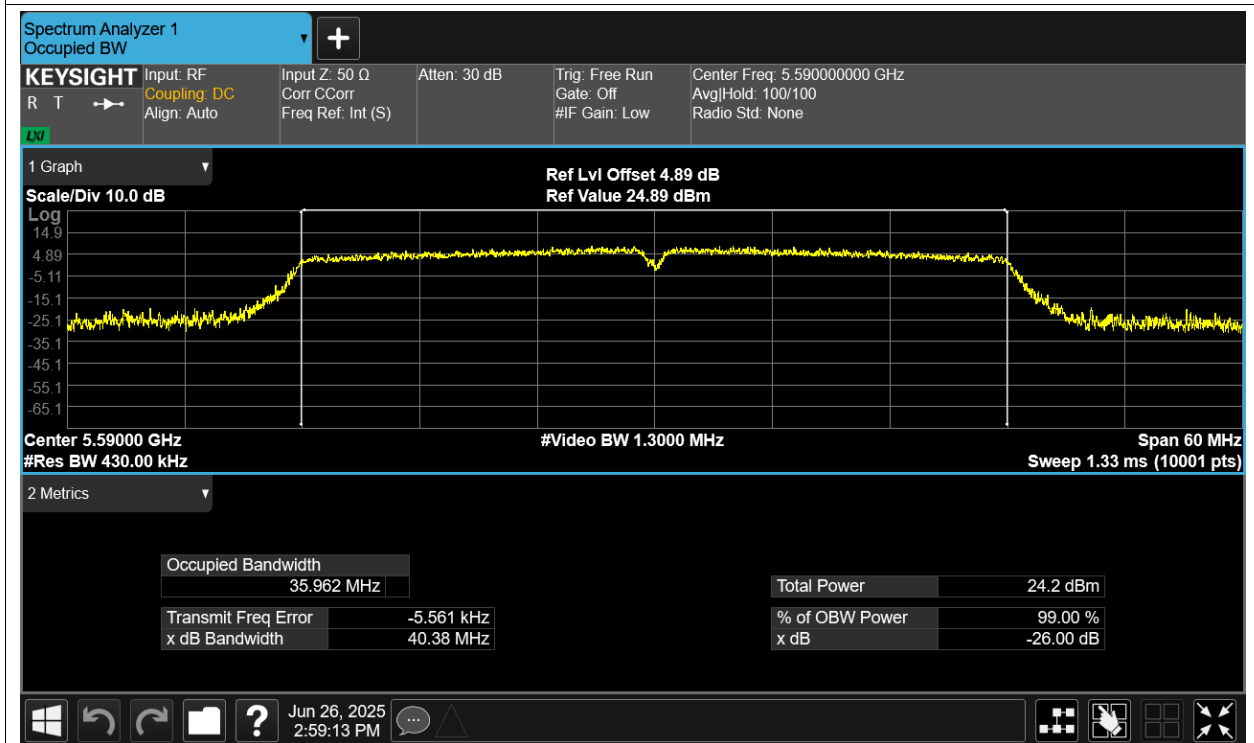
OBW NVNT n20 5700MHz Ant14



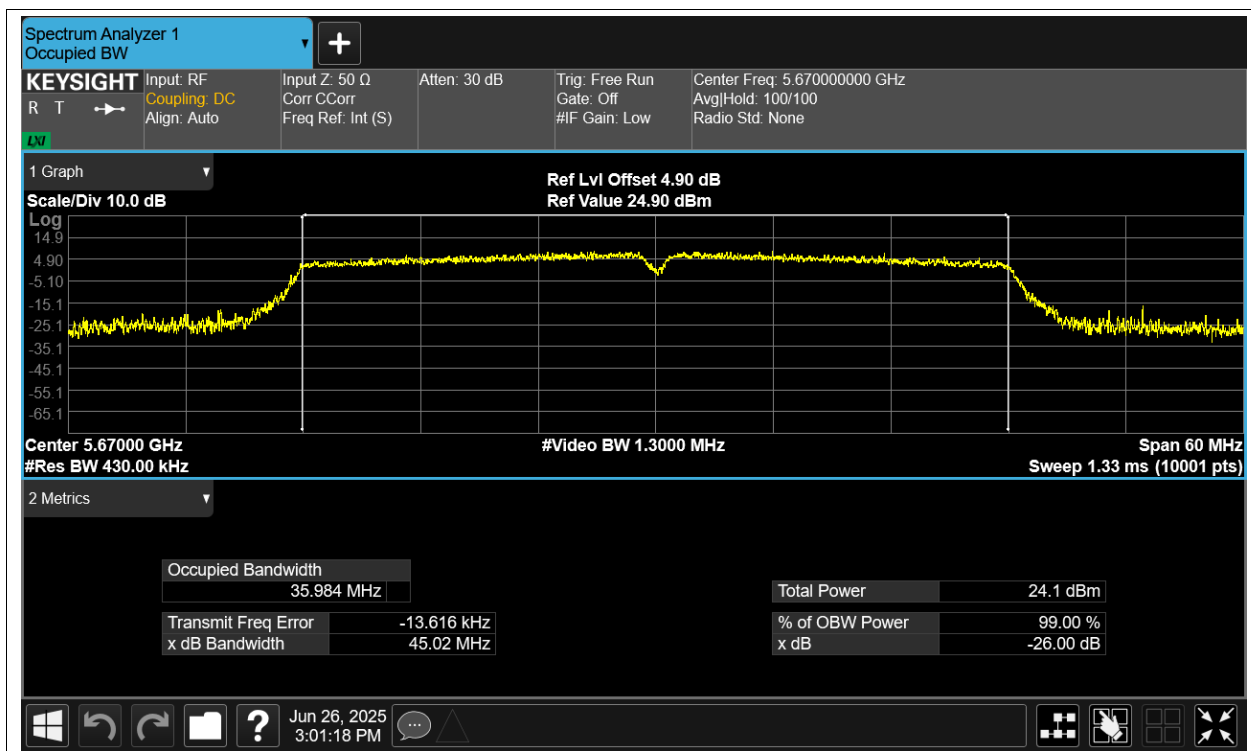
OBW NVNT n40 5510MHz Ant14



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	8.45	11	Pass
NVNT	a	5600	Ant14	8.587	11	Pass
NVNT	a	5700	Ant14	8.488	11	Pass
NVNT	ac20	5500	Ant14	6.473	11	Pass
NVNT	ac20	5600	Ant14	6.558	11	Pass
NVNT	ac20	5700	Ant14	6.804	11	Pass
NVNT	ac40	5510	Ant14	4.632	11	Pass
NVNT	ac40	5590	Ant14	4.85	11	Pass
NVNT	ac40	5670	Ant14	4.848	11	Pass
NVNT	ac80	5530	Ant14	1.1	11	Pass
NVNT	ac80	5610	Ant14	1.273	11	Pass
NVNT	n20	5500	Ant14	7.739	11	Pass
NVNT	n20	5600	Ant14	7.921	11	Pass
NVNT	n20	5700	Ant14	7.894	11	Pass
NVNT	n40	5510	Ant14	5.42	11	Pass
NVNT	n40	5590	Ant14	5.658	11	Pass
NVNT	n40	5670	Ant14	5.915	11	Pass

Test Graphs

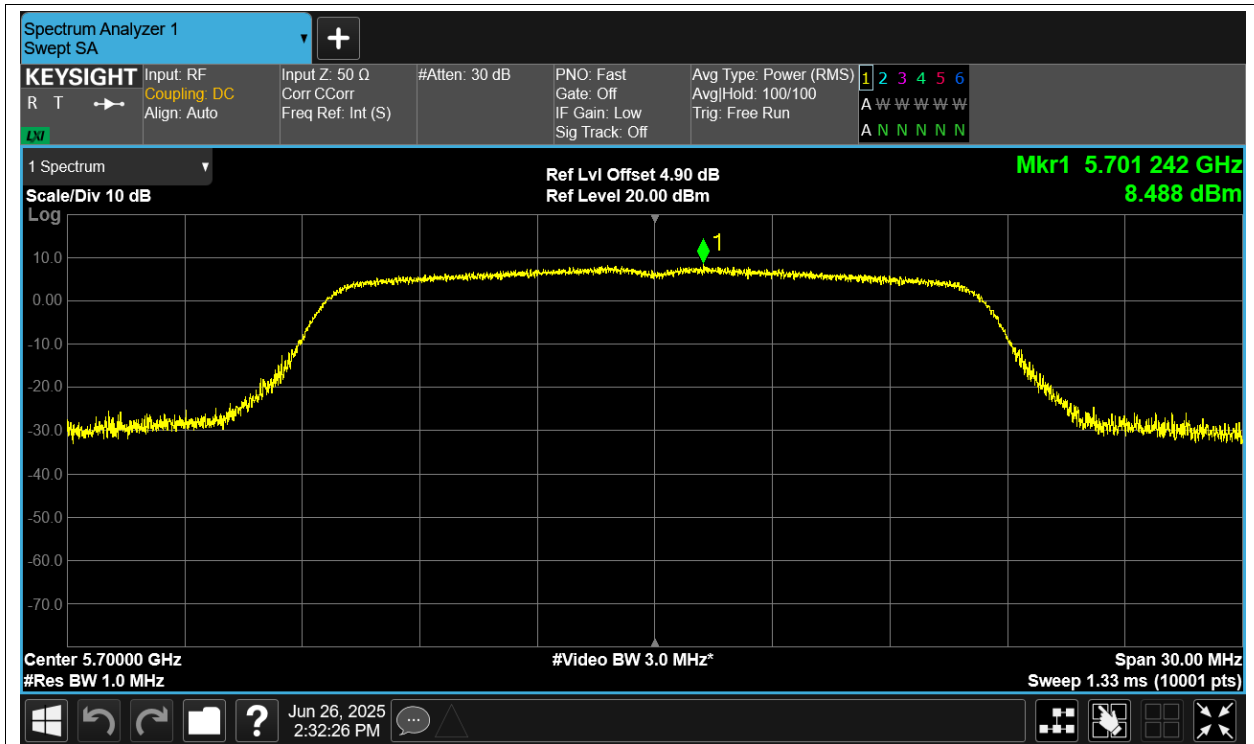
PSD NVNT a 5500MHz Ant14



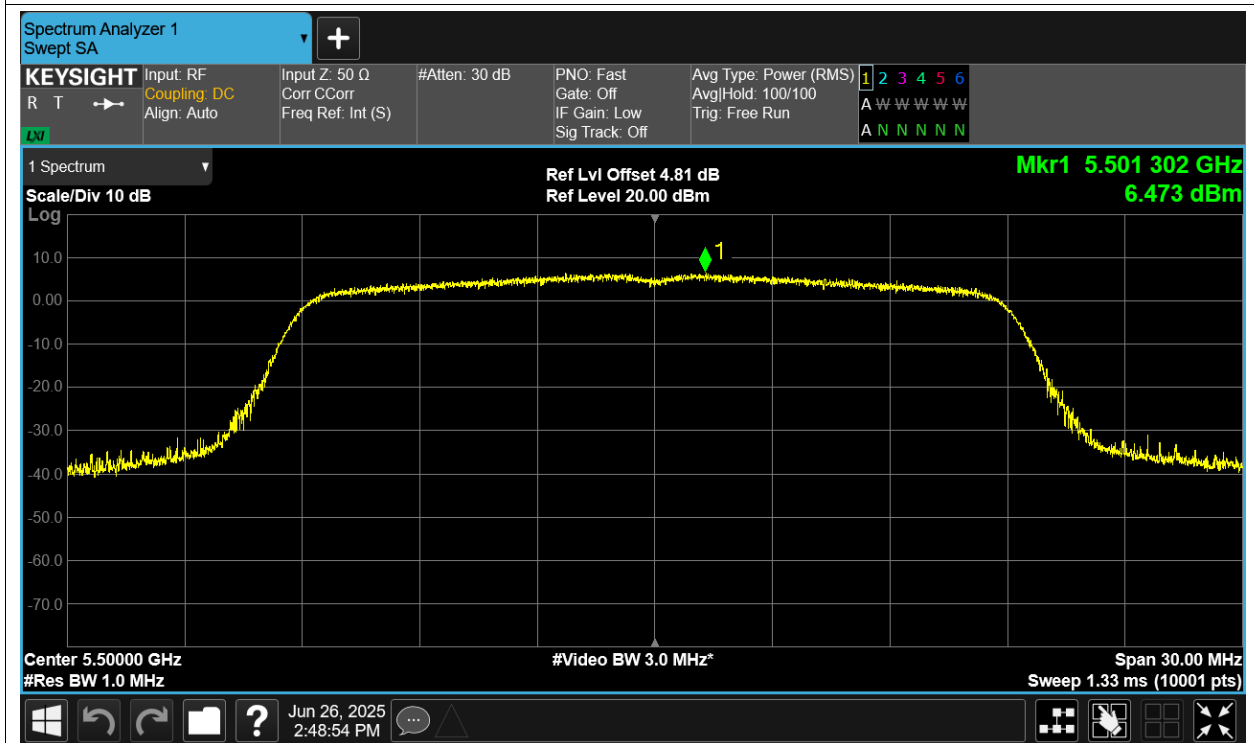
PSD NVNT a 5600MHz Ant14



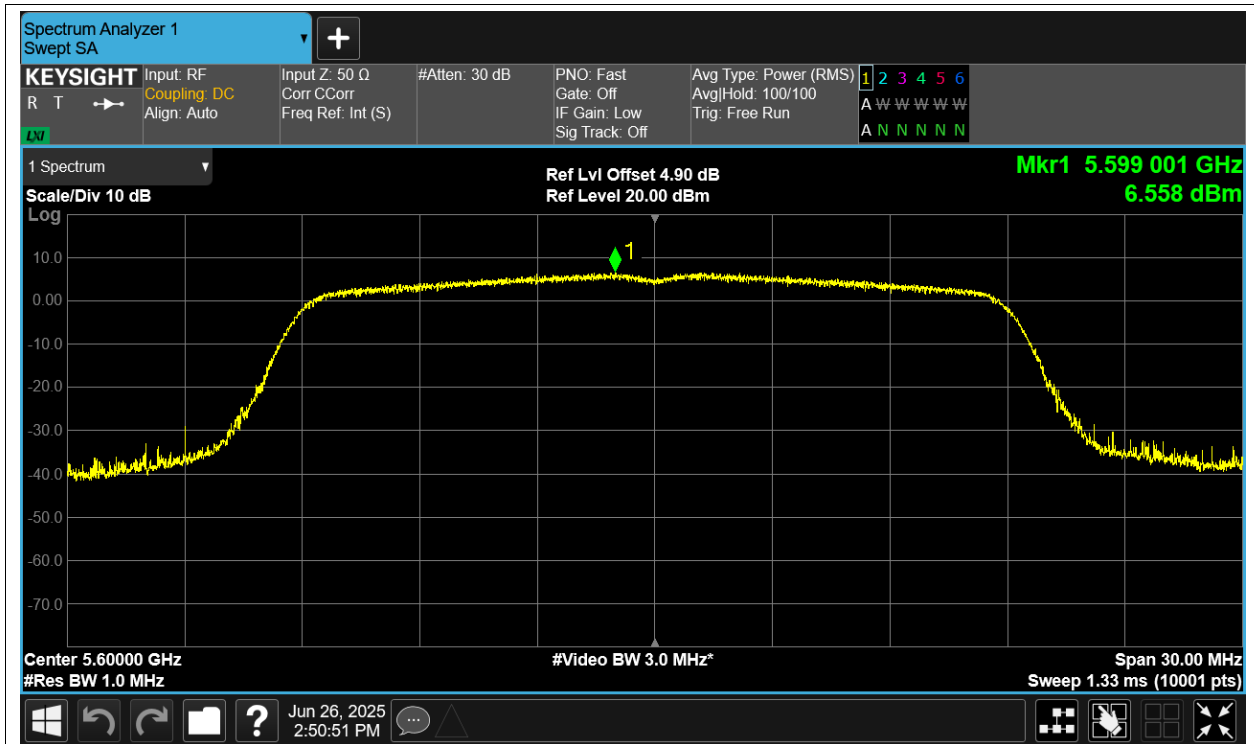
PSD NVNT a 5700MHz Ant14



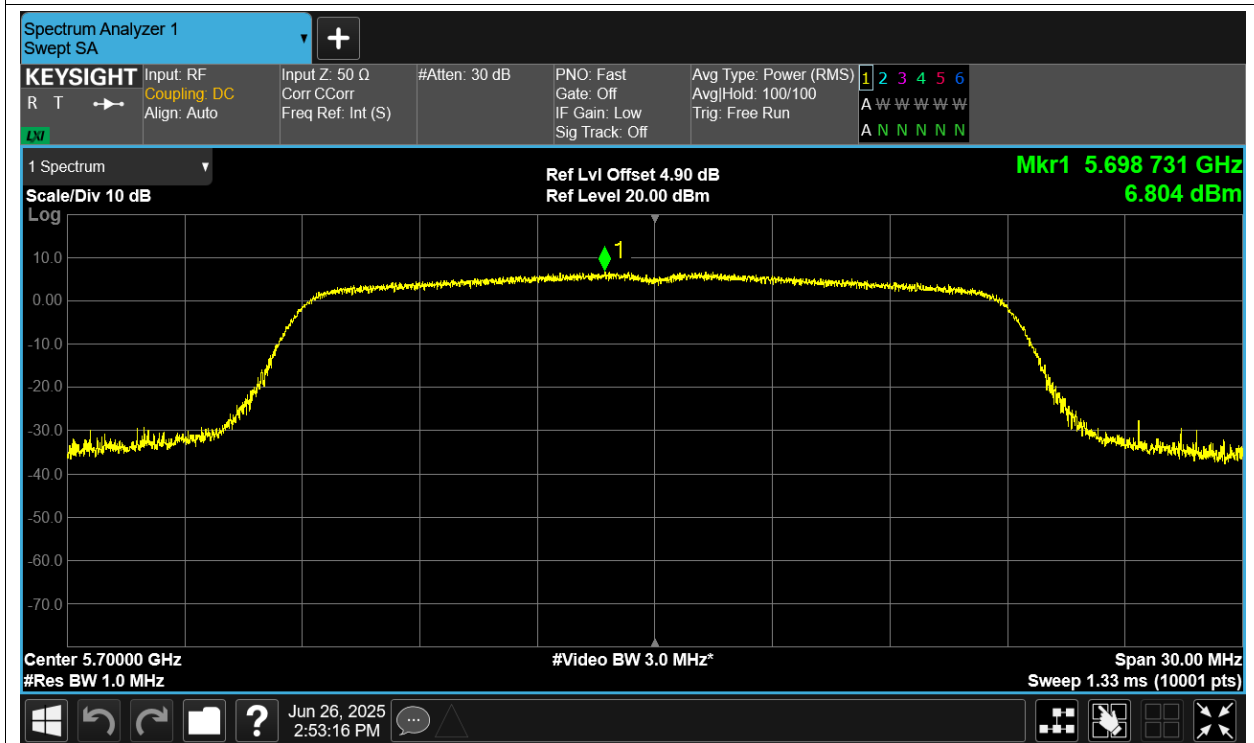
PSD NVNT ac20 5500MHz Ant14



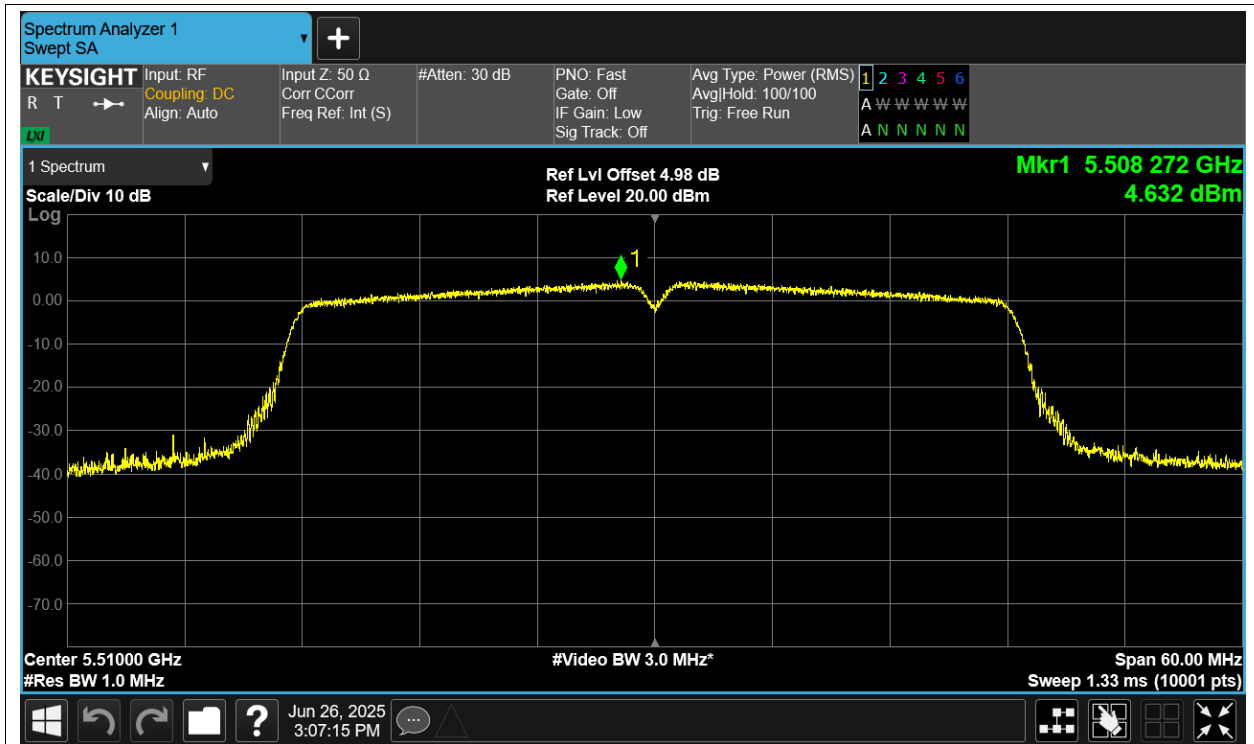
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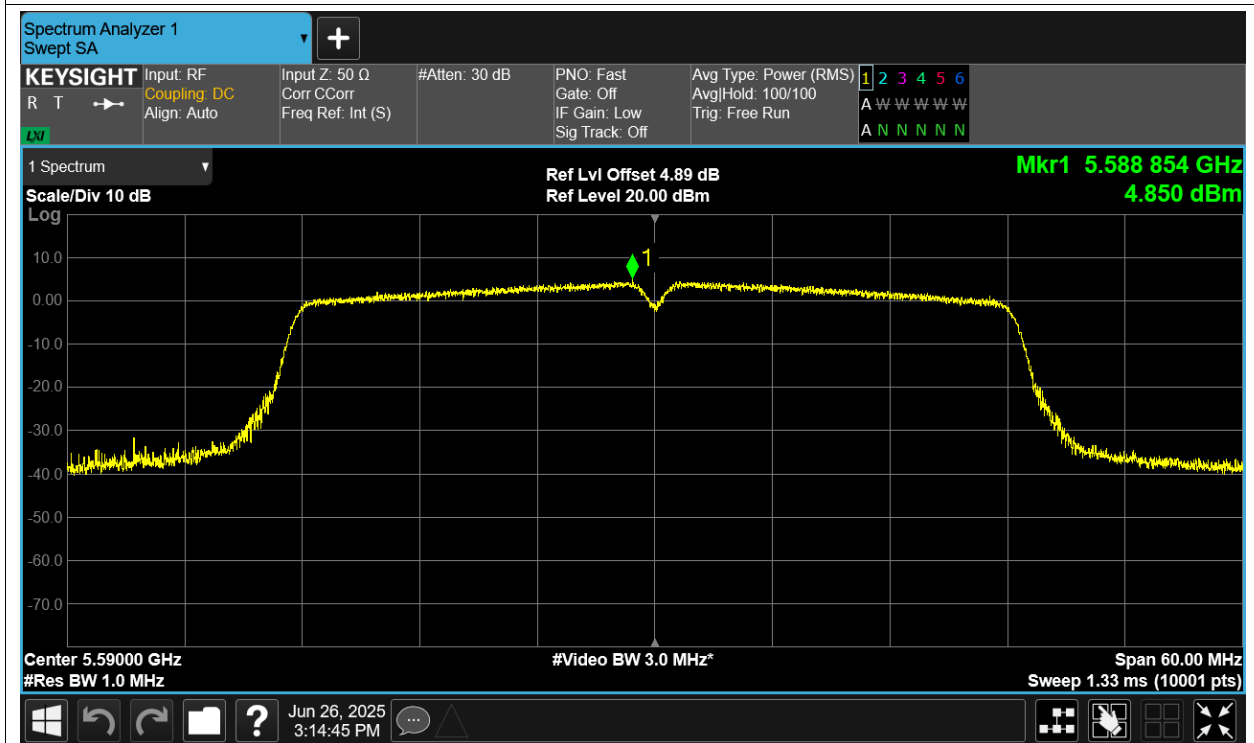
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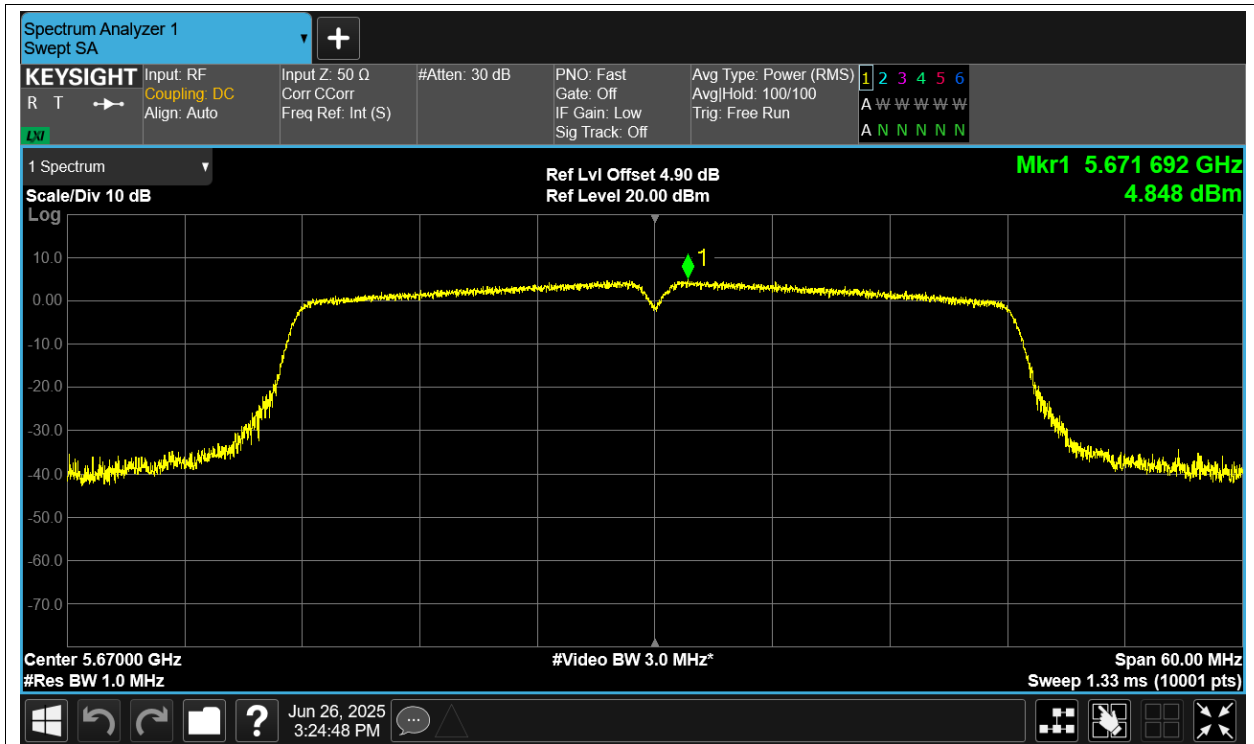
PSD NVNT ac40 5510MHz Ant14



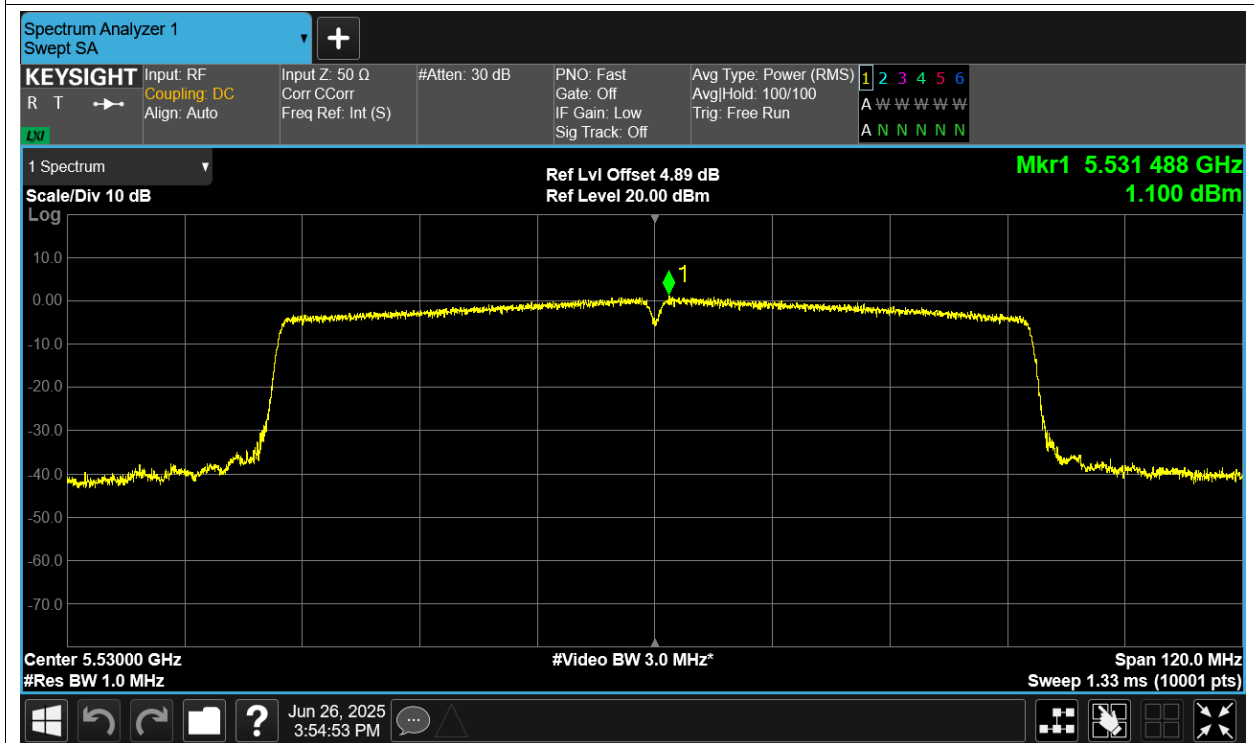
PSD NVNT ac40 5590MHz Ant14



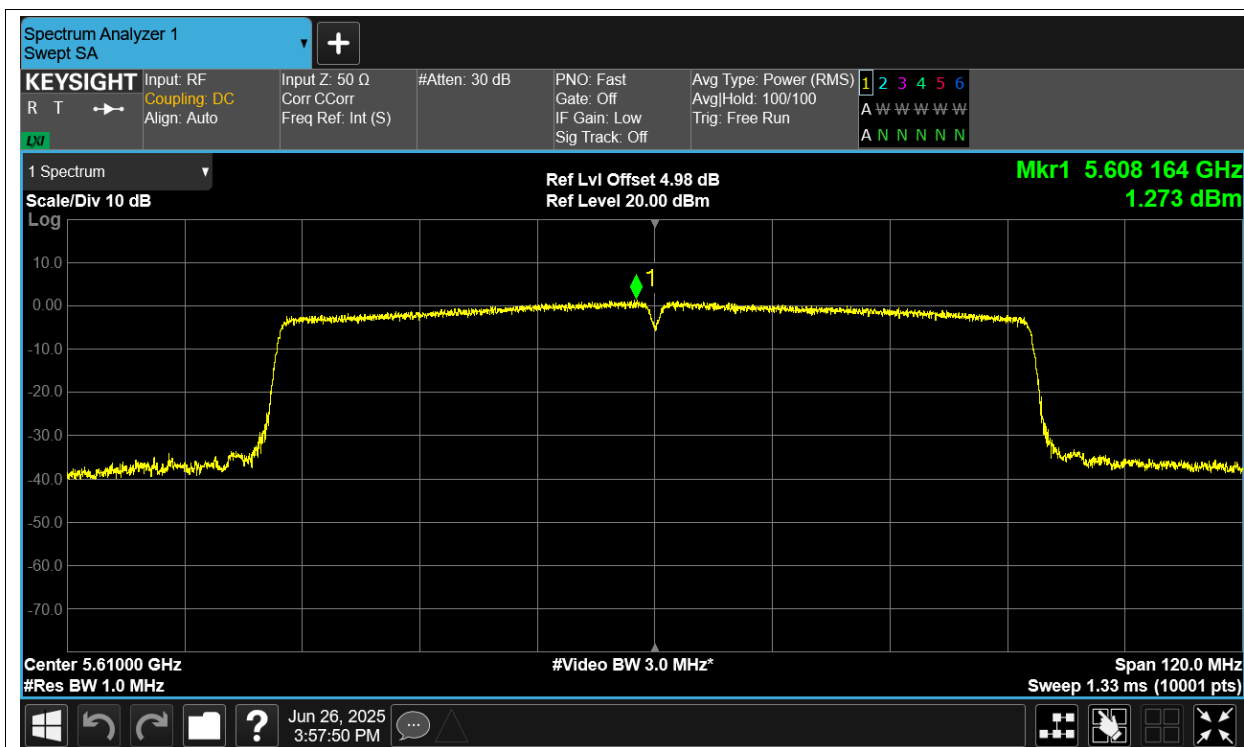
PSD NVNT ac40 5670MHz Ant14



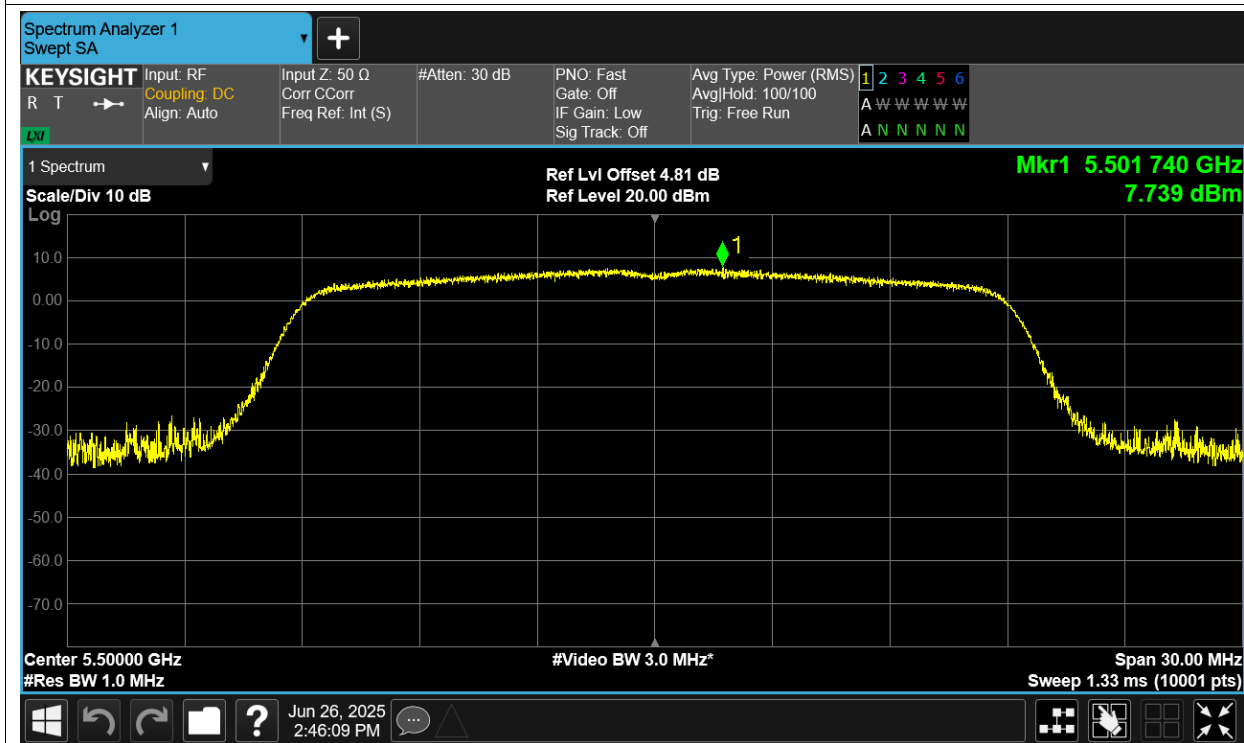
PSD NVNT ac80 5530MHz Ant14



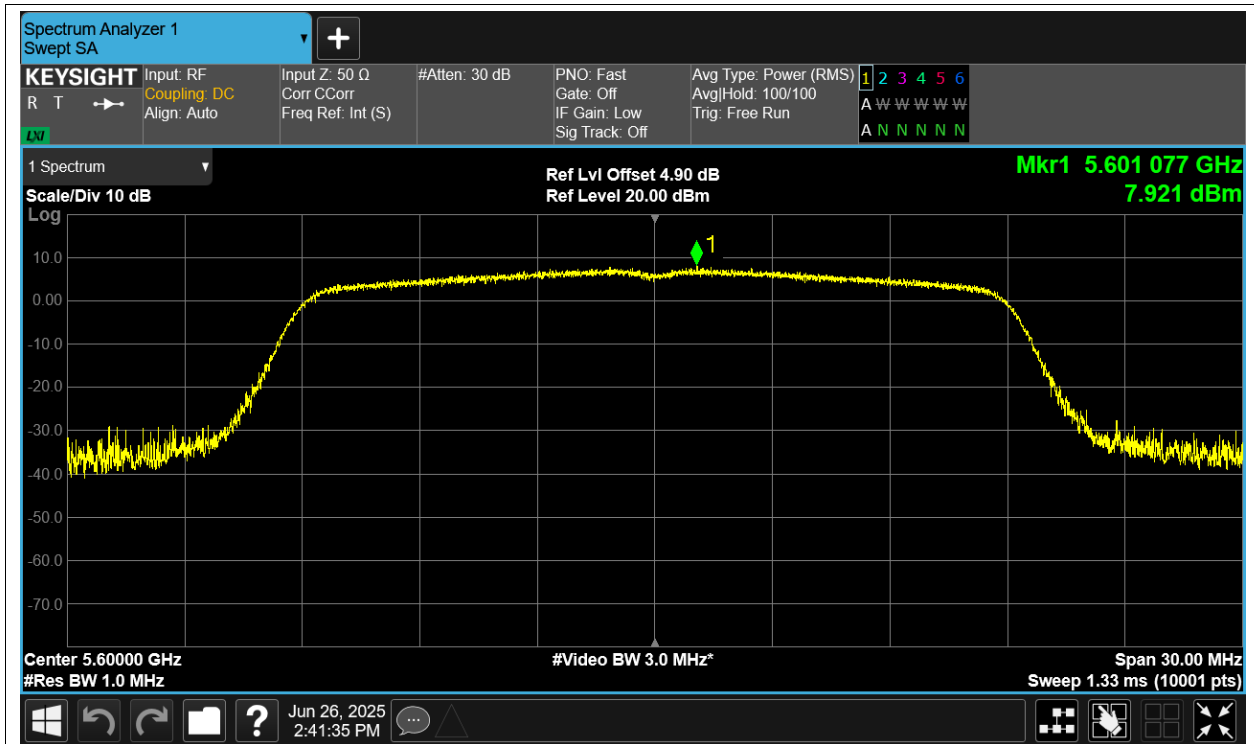
PSD NVNT ac80 5610MHz Ant14



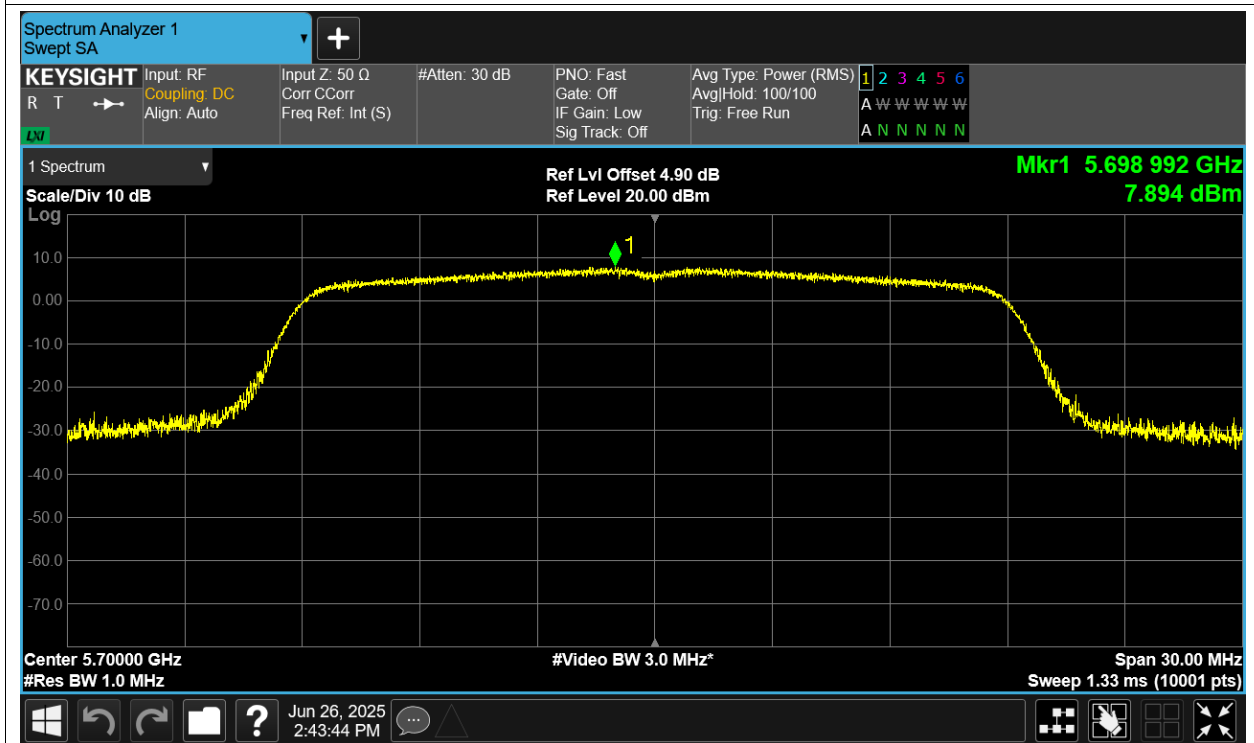
PSD NVNT n20 5500MHz Ant14



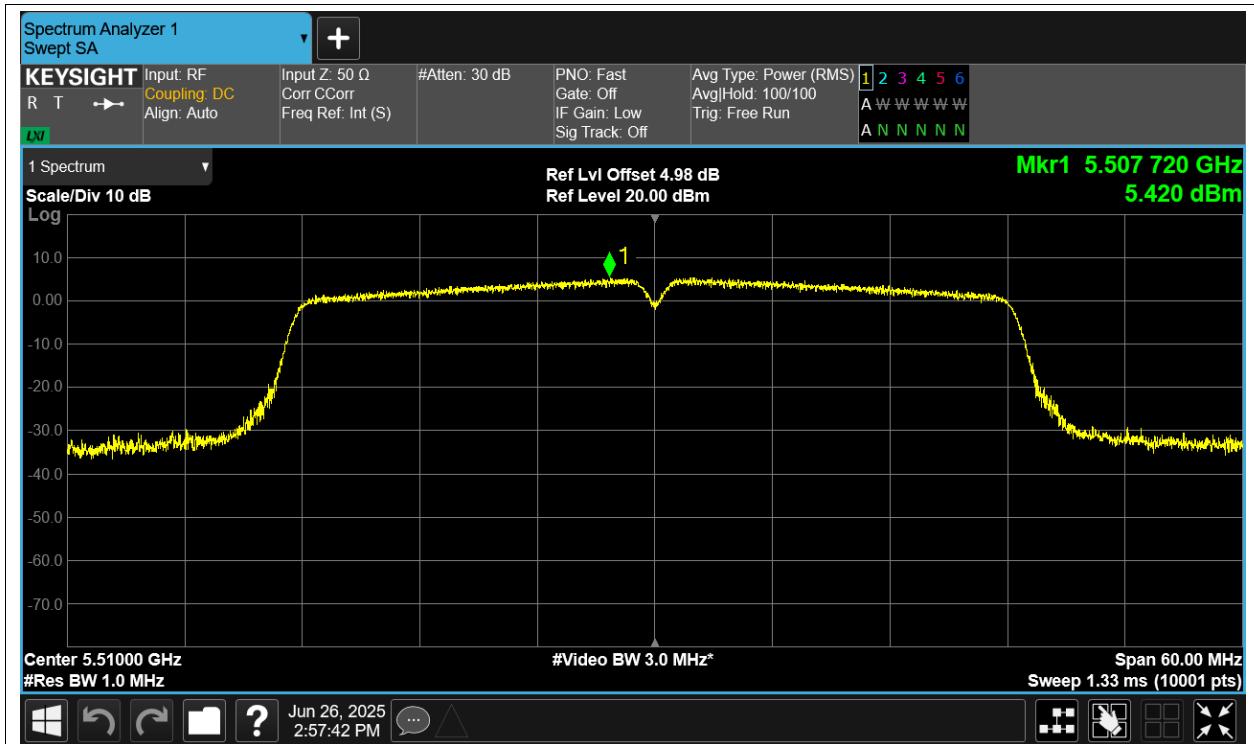
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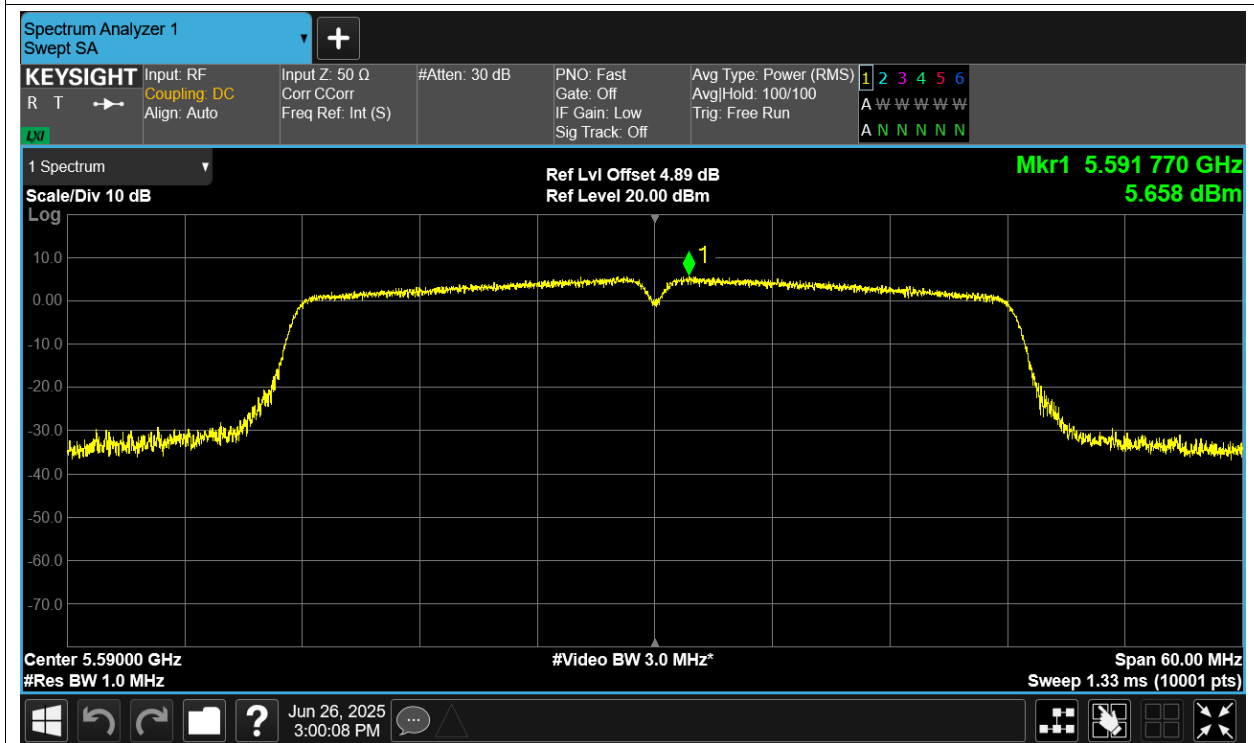
PSD NVNT n20 5700MHz Ant14



PSD NVNT n40 5510MHz Ant14



PSD NVNT n40 5590MHz Ant14



PSD NVNT n40 5670MHz Ant14

