

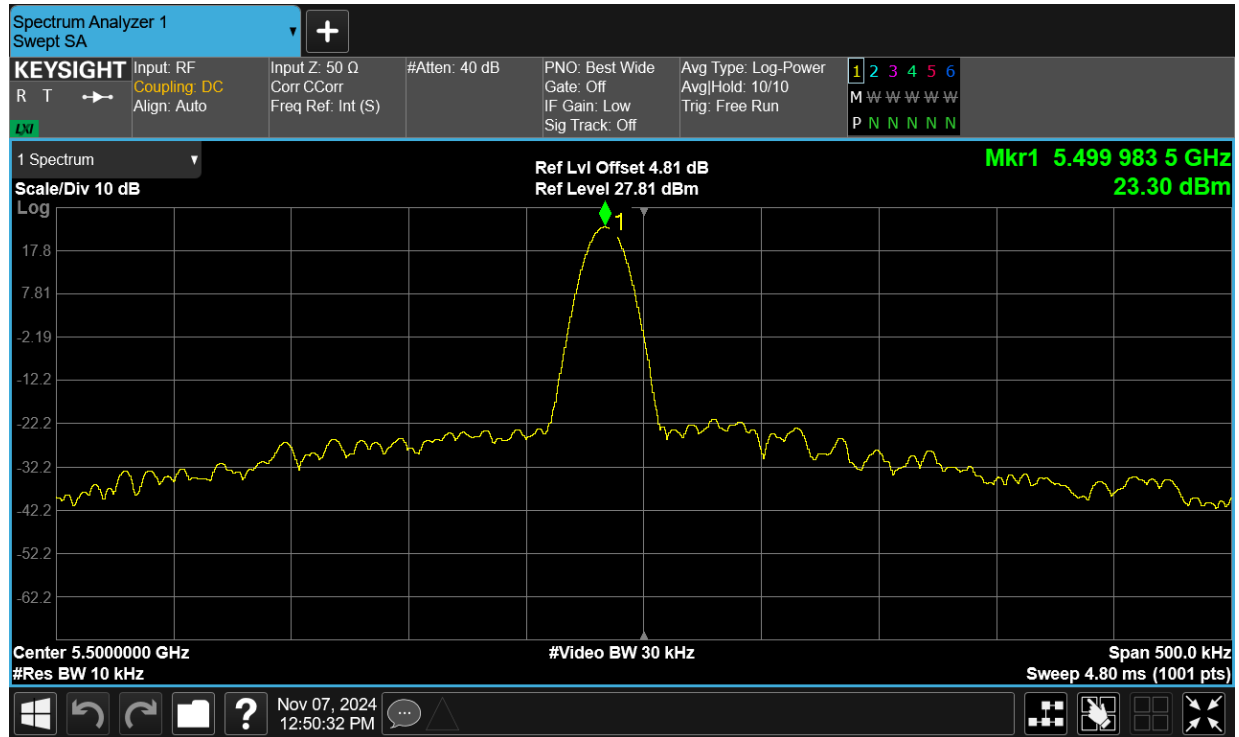
Test Data

Frequency Stability

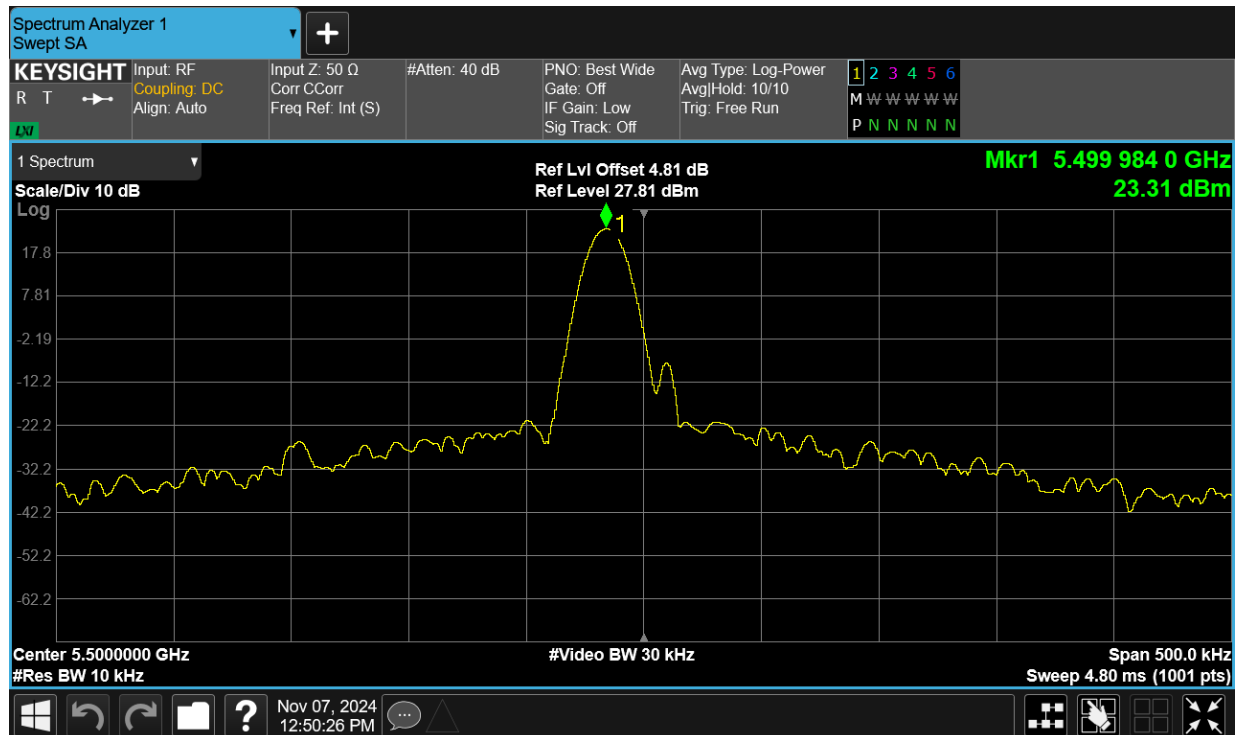
Condition	Mode	Frequency (MHz)	Antenna	Measured Frequency (MHz)	Deviation (ppm)	Limit (ppm)	Verdict
HVNT	a	5500	Ant13	5499.9835	-3	25	Pass
LVNT	a	5500	Ant13	5499.984	-2.91	25	Pass
NVHT	a	5500	Ant13	5499.985	-2.73	25	Pass
NVLT	a	5500	Ant13	5499.9855	-2.64	25	Pass
NVNT	a	5500	Ant13	5499.986	-2.55	25	Pass
HVNT	ac80	5530	Ant13	5529.984	-2.89	25	Pass
LVNT	ac80	5530	Ant13	5529.9845	-2.8	25	Pass
NVHT	ac80	5530	Ant13	5529.985	-2.71	25	Pass
NVLT	ac80	5530	Ant13	5529.9855	-2.62	25	Pass
NVNT	ac80	5530	Ant13	5529.986	-2.53	25	Pass
HVNT	n40	5510	Ant13	5509.984	-2.9	25	Pass
LVNT	n40	5510	Ant13	5509.9845	-2.81	25	Pass
NVHT	n40	5510	Ant13	5509.985	-2.72	25	Pass
NVLT	n40	5510	Ant13	5509.9855	-2.63	25	Pass
NVNT	n40	5510	Ant13	5509.986	-2.54	25	Pass

Test Graphs

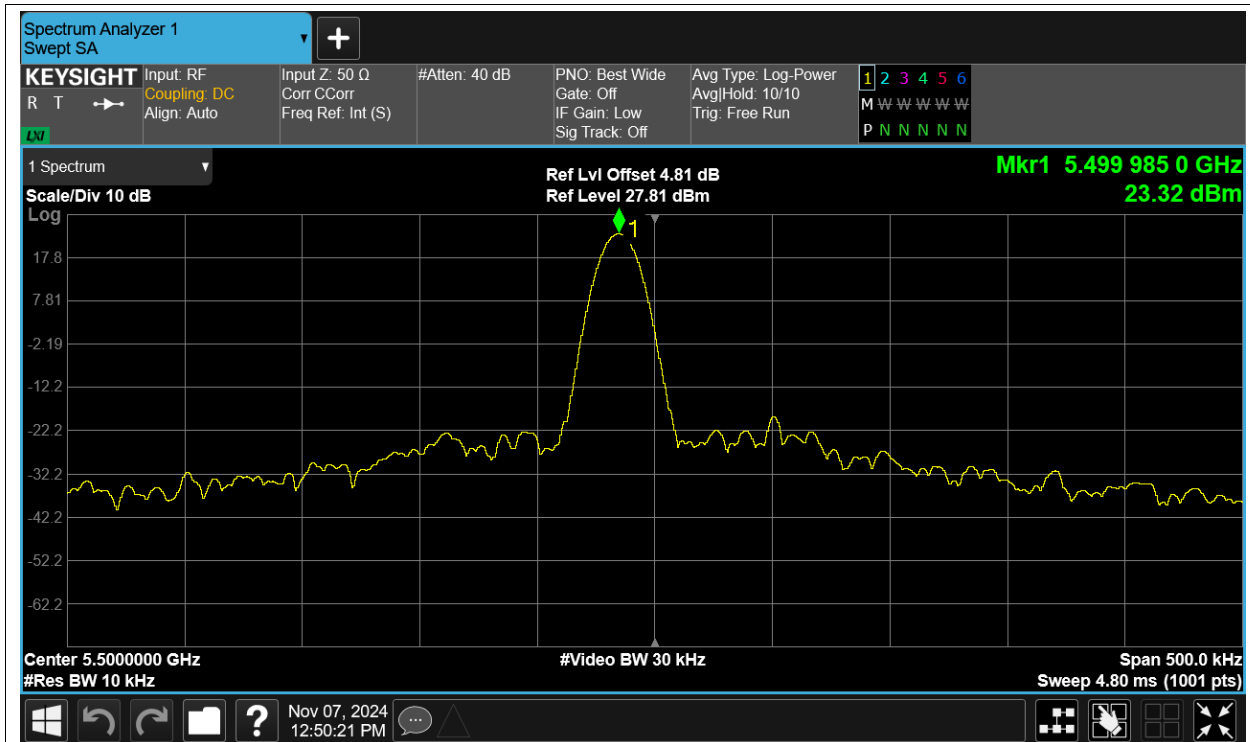
Freq. Stability HVNT a 5500MHz Ant13



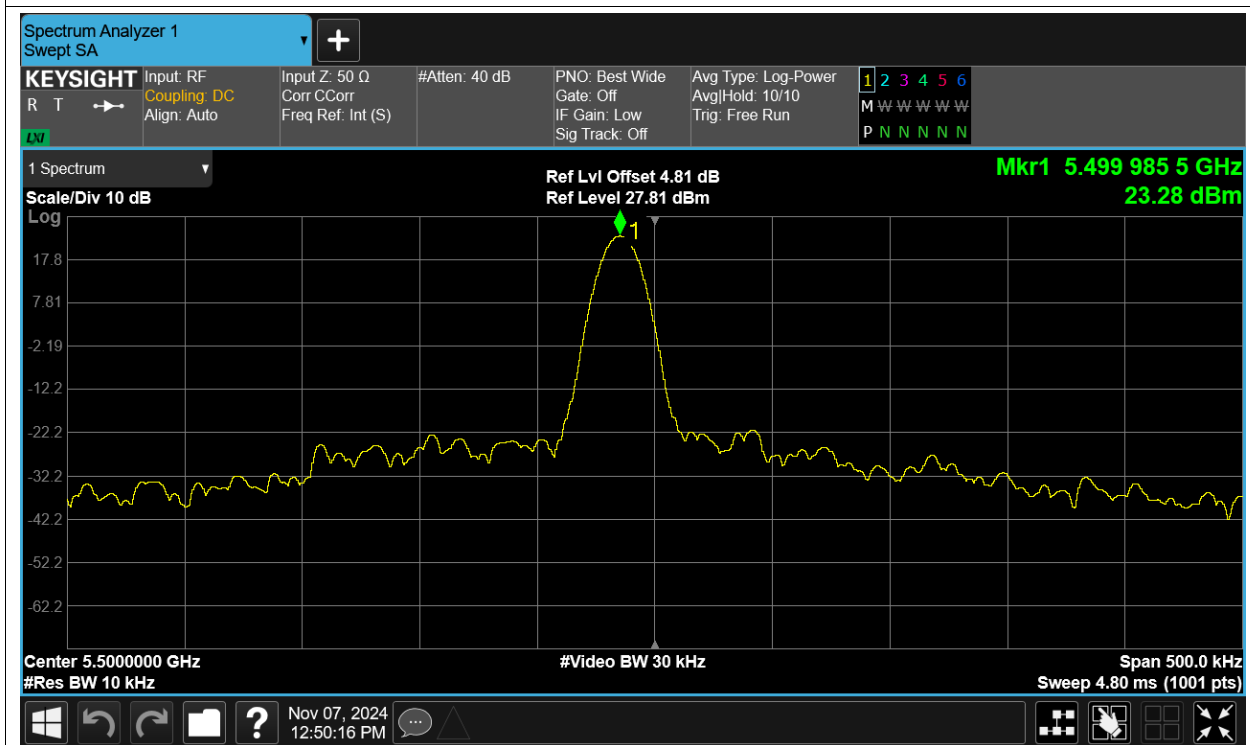
Freq. Stability LVNT a 5500MHz Ant13



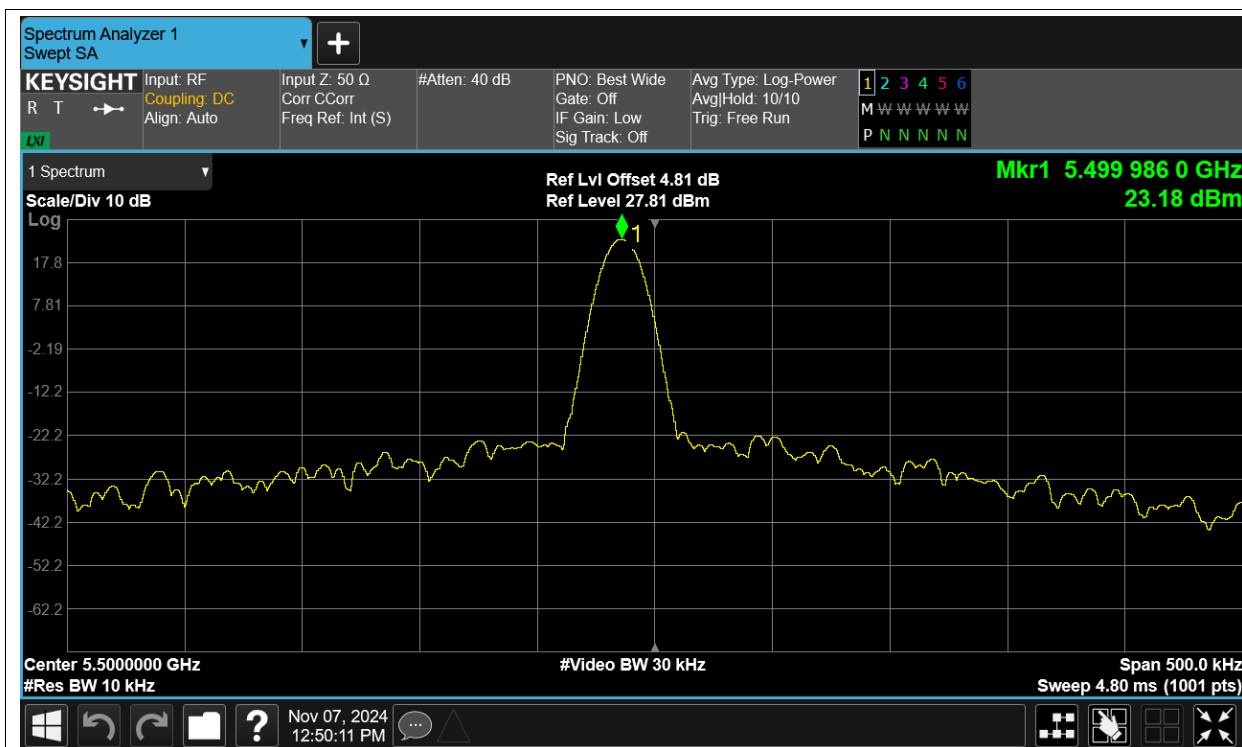
Freq. Stability NVHT a 5500MHz Ant13



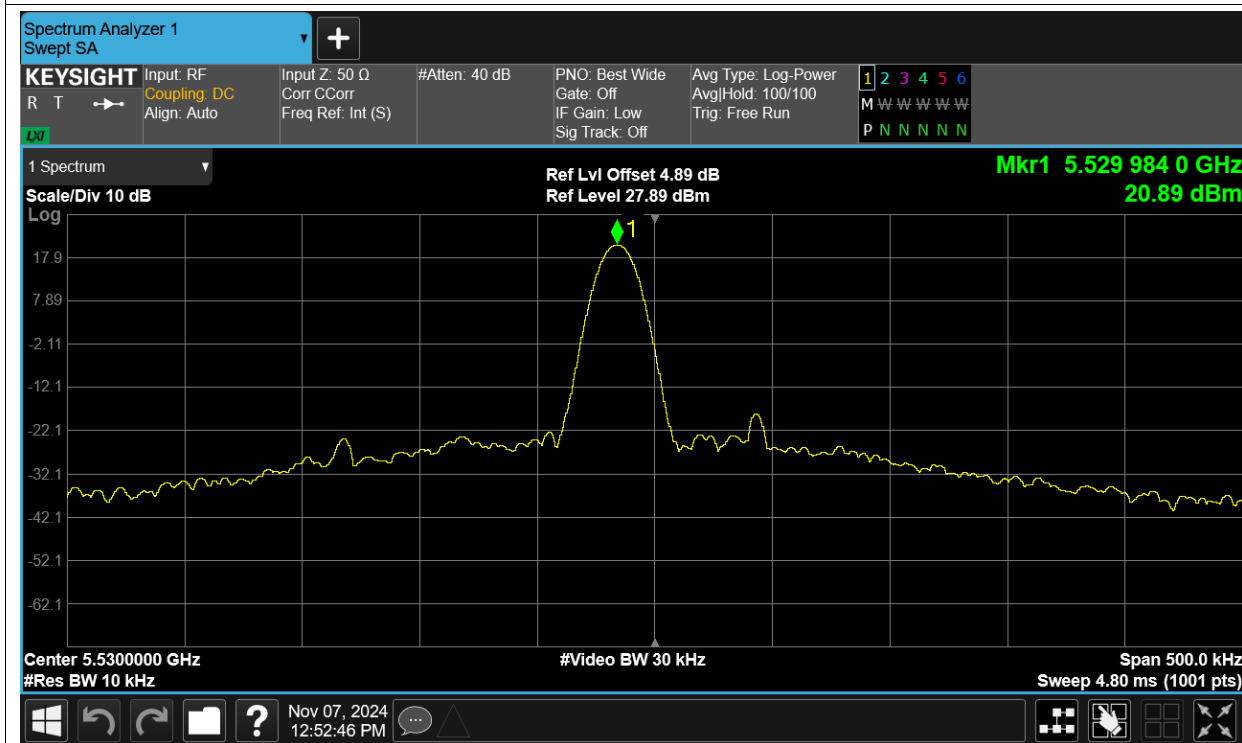
Freq. Stability NVLT a 5500MHz Ant13



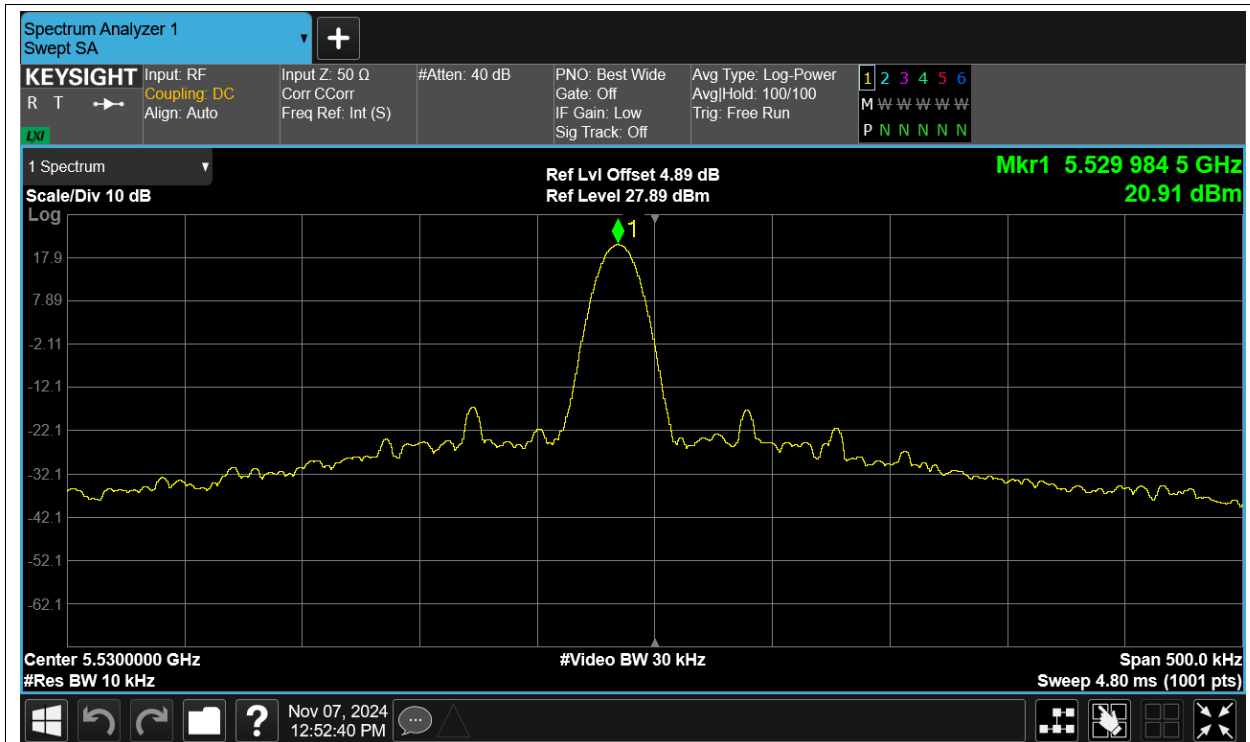
Freq. Stability NVNT a 5500MHz Ant13



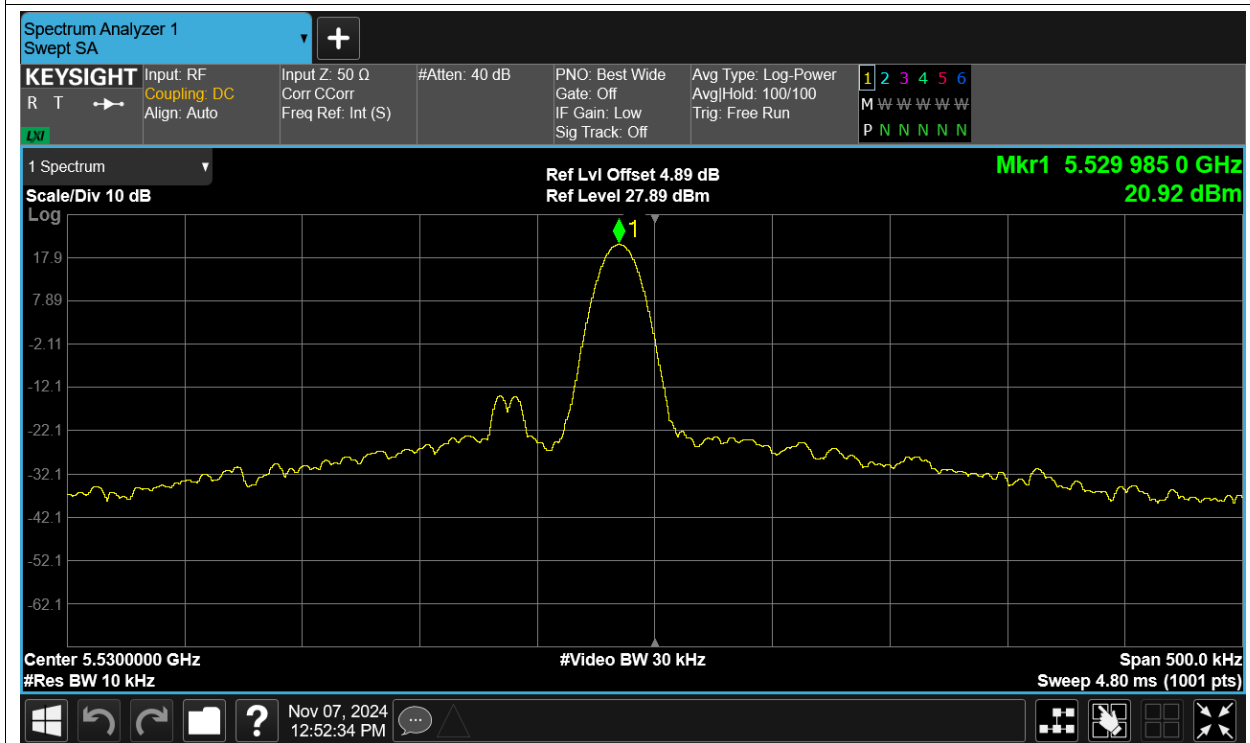
Freq. Stability HVNT ac80 5530MHz Ant13



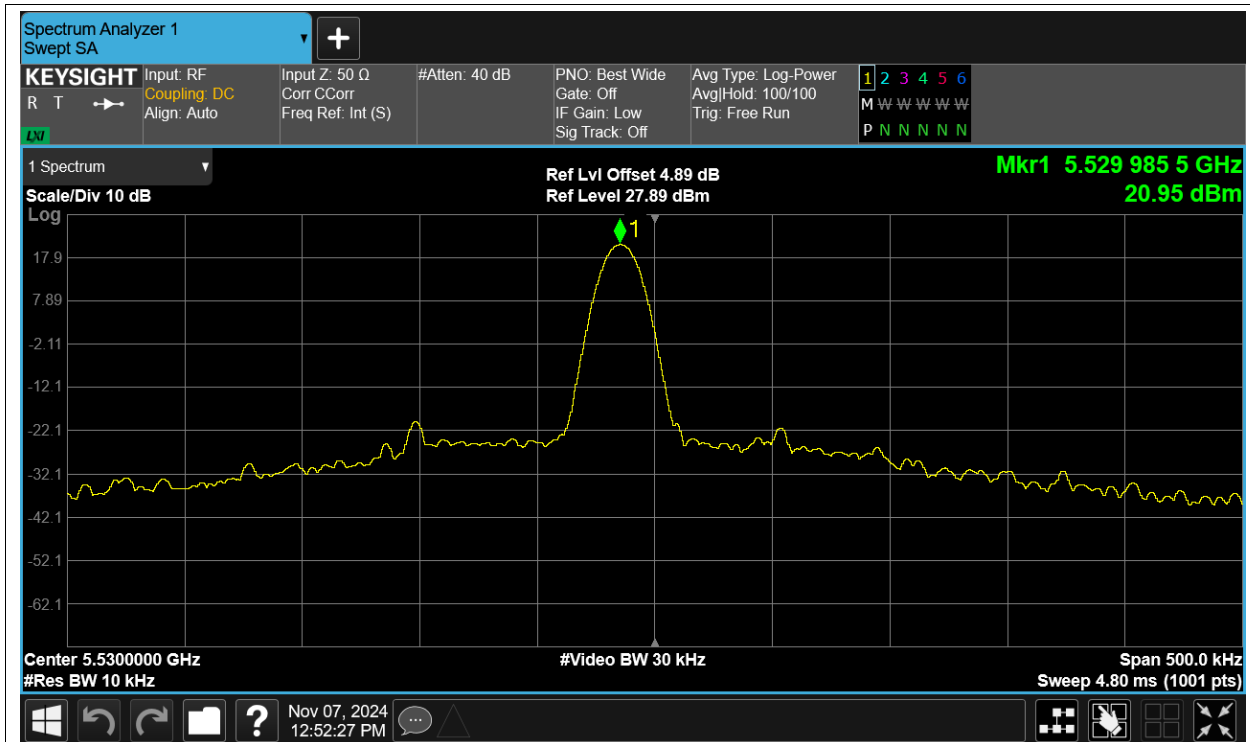
Freq. Stability LVNT ac80 5530MHz Ant13



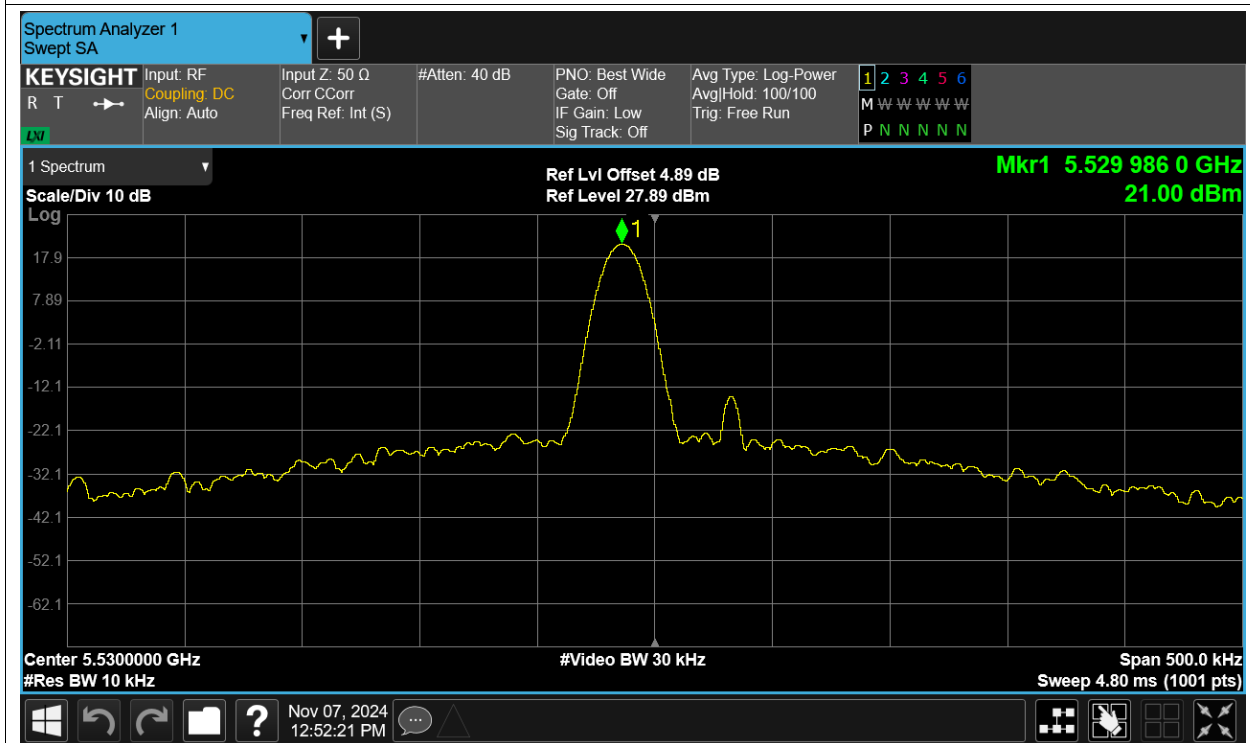
Freq. Stability NVHT ac80 5530MHz Ant13



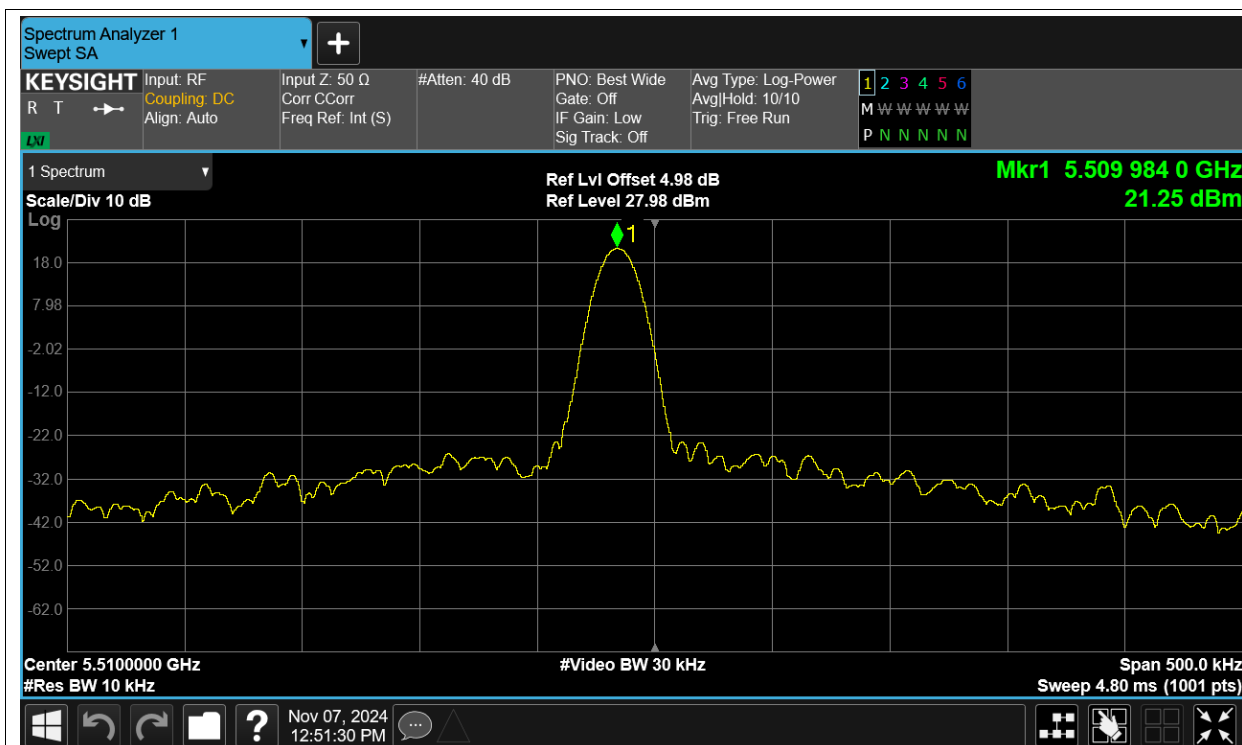
Freq. Stability NVLT ac80 5530MHz Ant13



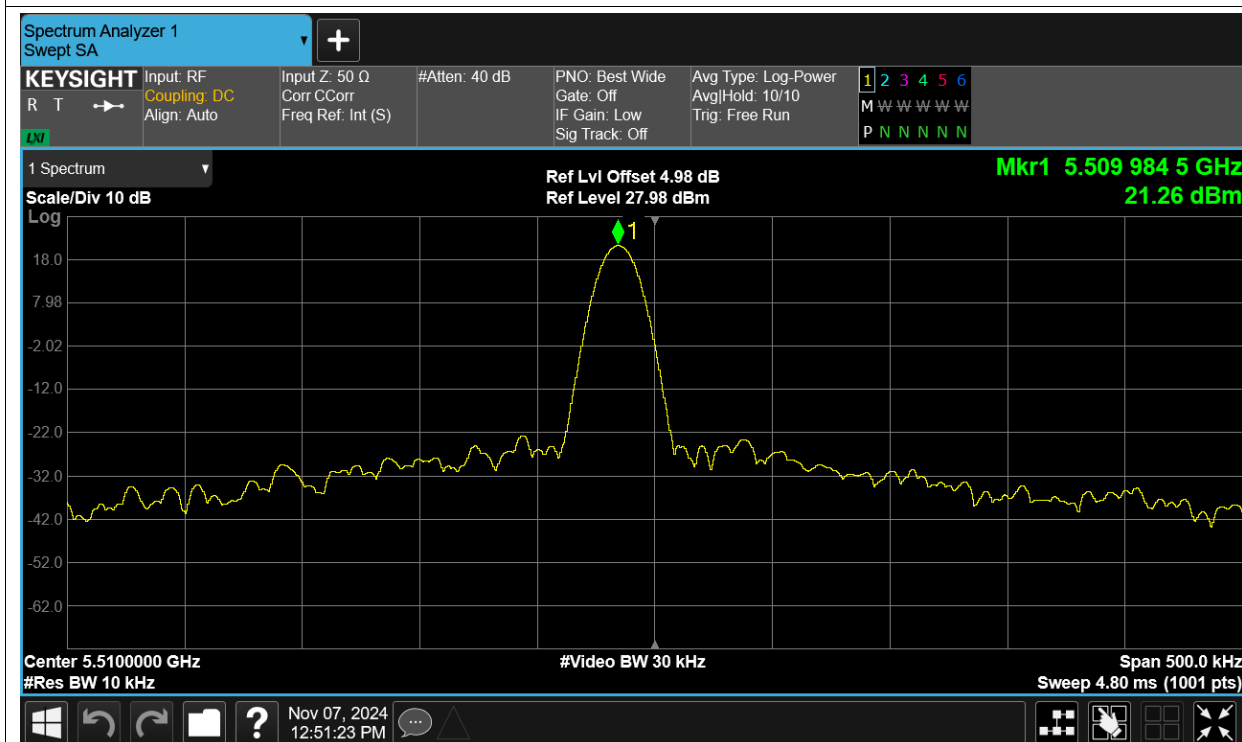
Freq. Stability NVNT ac80 5530MHz Ant13



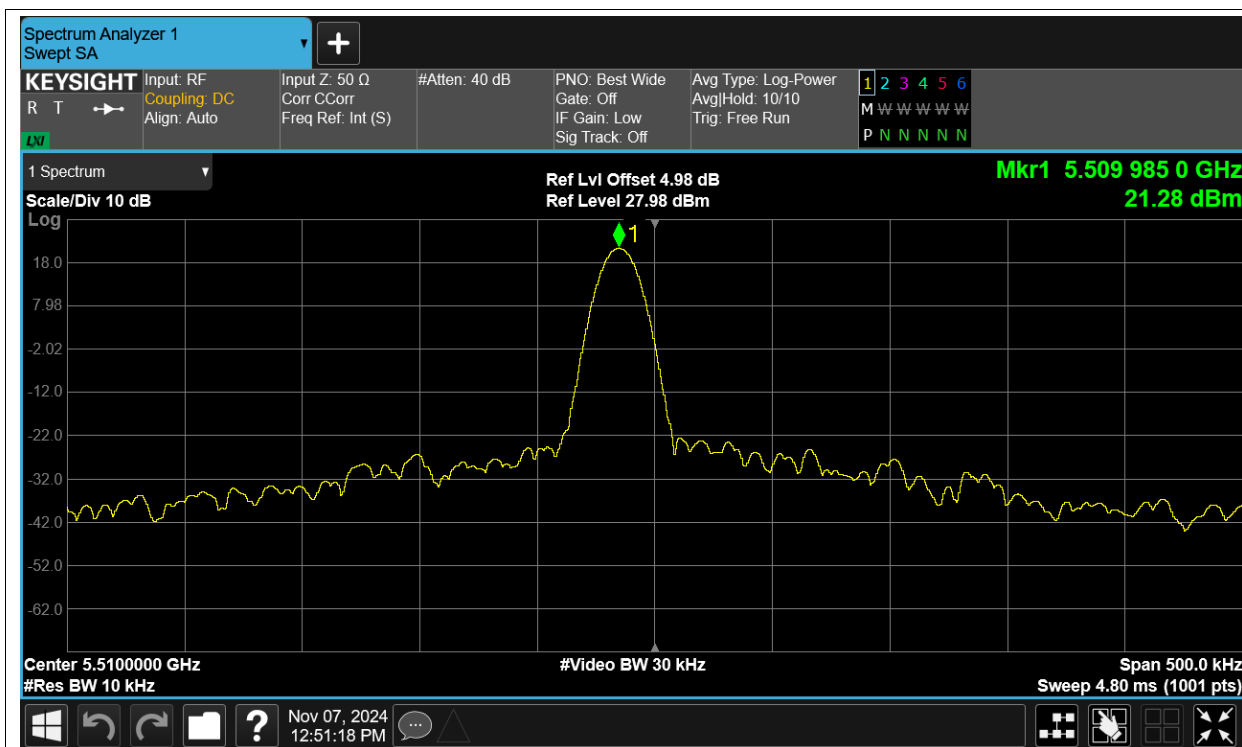
Freq. Stability HVNT n40 5510MHz Ant13



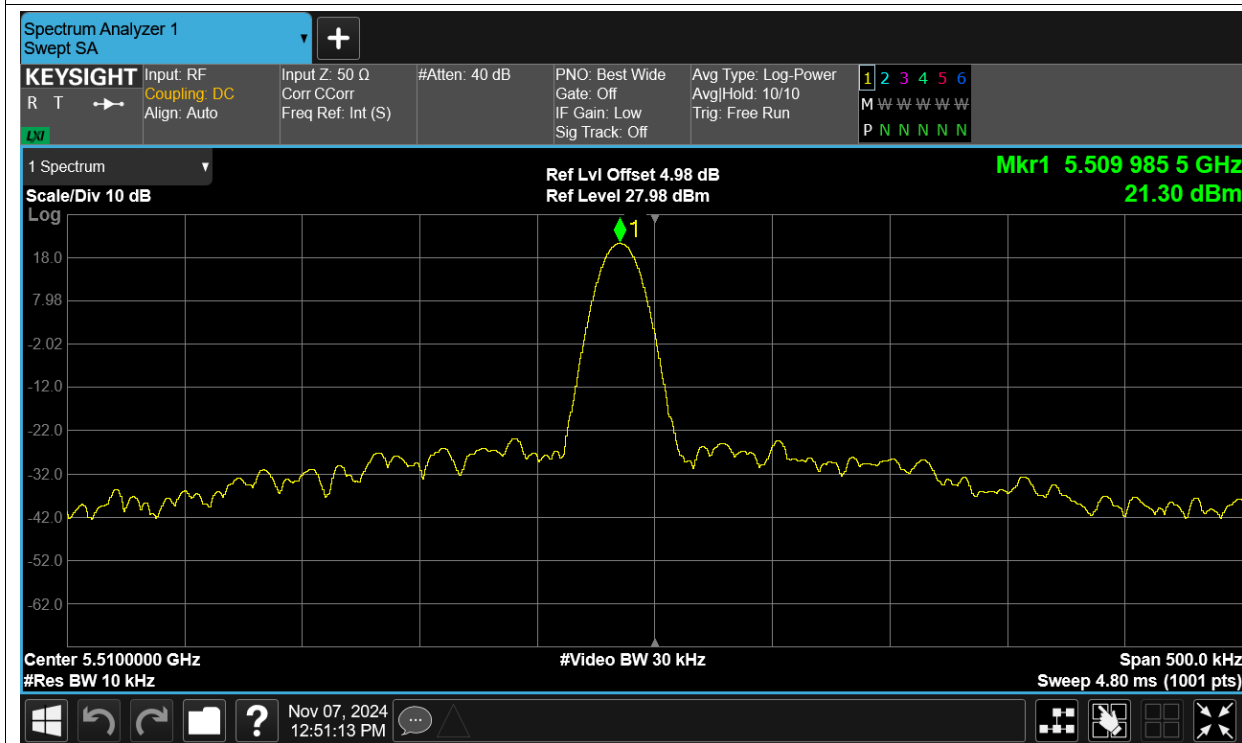
Freq. Stability LVNT n40 5510MHz Ant13



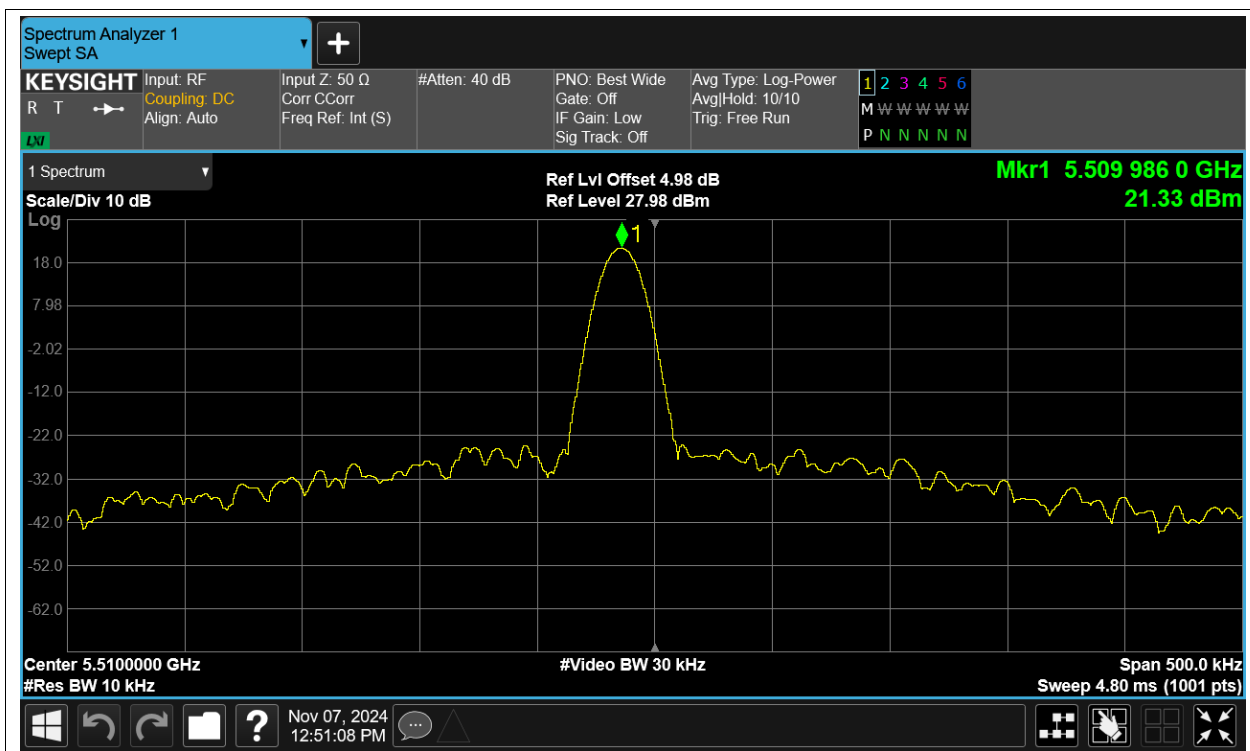
Freq. Stability NVHT n40 5510MHz Ant13



Freq. Stability NVLT n40 5510MHz Ant13



Freq. Stability NVNT n40 5510MHz Ant13

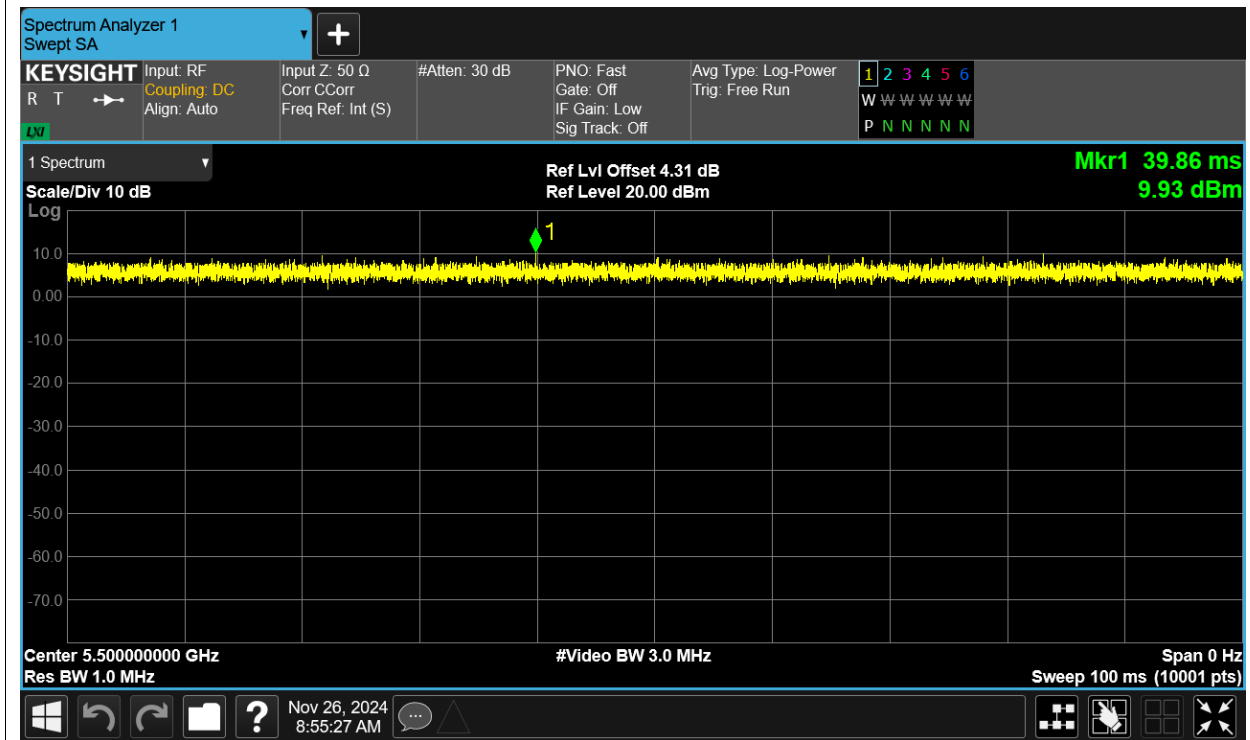


Duty Cycle

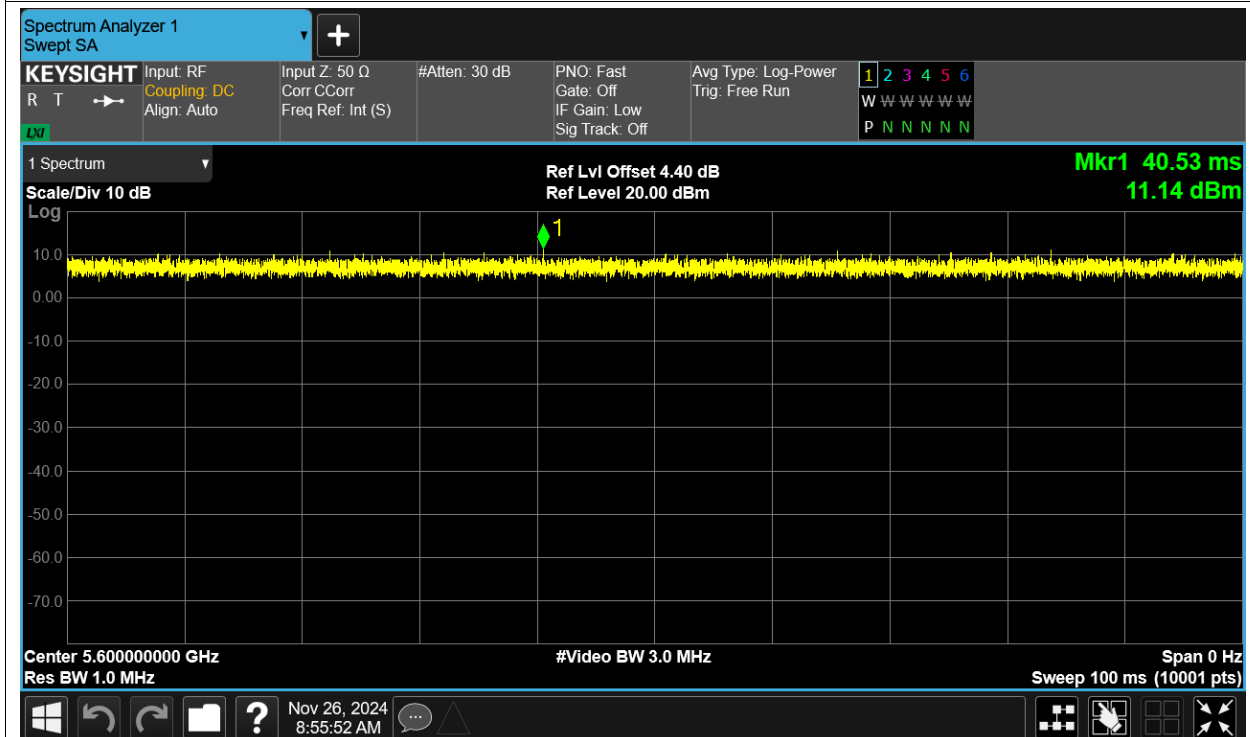
Condition	Mode	Frequency (MHz)	Antenna	Duty Cycle (%)	Correction Factor (dB)
NVNT	a	5500	Ant13	100	0
NVNT	a	5600	Ant13	100	0
NVNT	a	5700	Ant13	100	0
NVNT	ac20	5500	Ant13	100	0
NVNT	ac20	5600	Ant13	100	0
NVNT	ac20	5700	Ant13	100	0
NVNT	ac40	5510	Ant13	100	0
NVNT	ac40	5590	Ant13	100	0
NVNT	ac40	5670	Ant13	100	0
NVNT	ac80	5530	Ant13	100	0
NVNT	ac80	5610	Ant13	100	0
NVNT	n20	5500	Ant13	100	0
NVNT	n20	5600	Ant13	100	0
NVNT	n20	5700	Ant13	100	0
NVNT	n40	5510	Ant13	100	0
NVNT	n40	5590	Ant13	100	0
NVNT	n40	5670	Ant13	100	0

Test Graphs

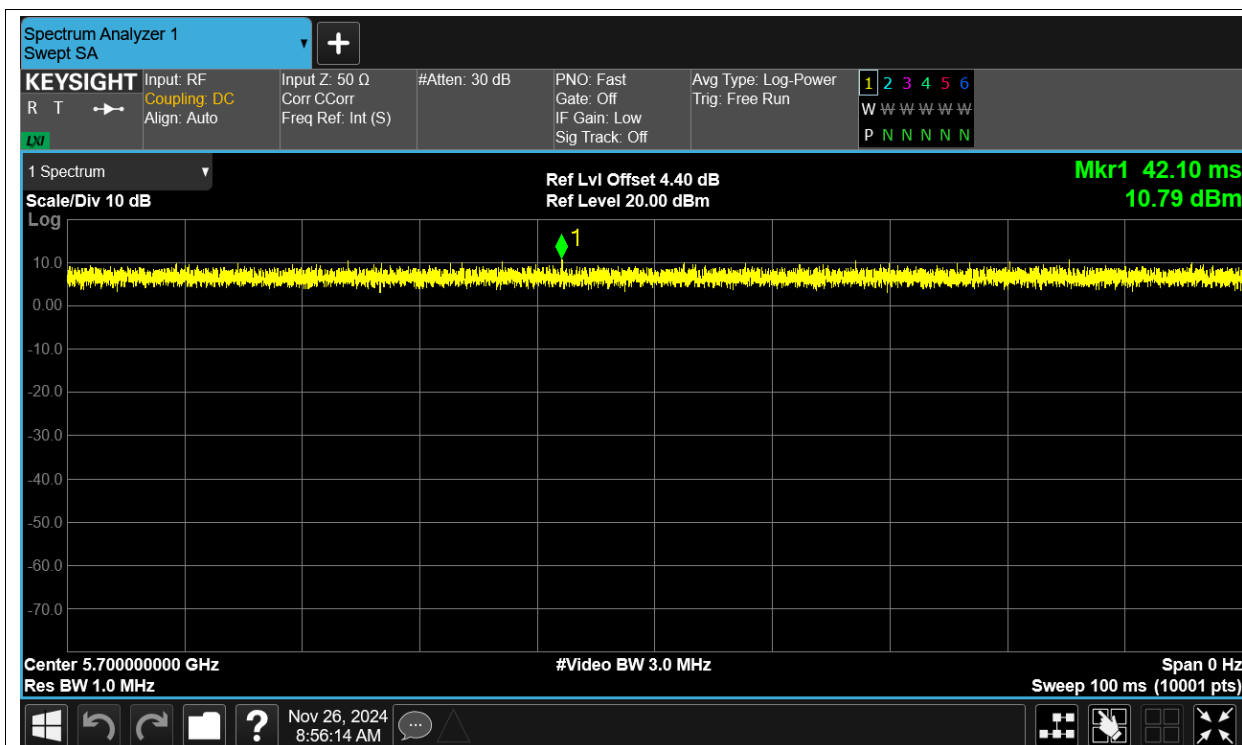
Duty Cycle NVNT a 5500MHz Ant13



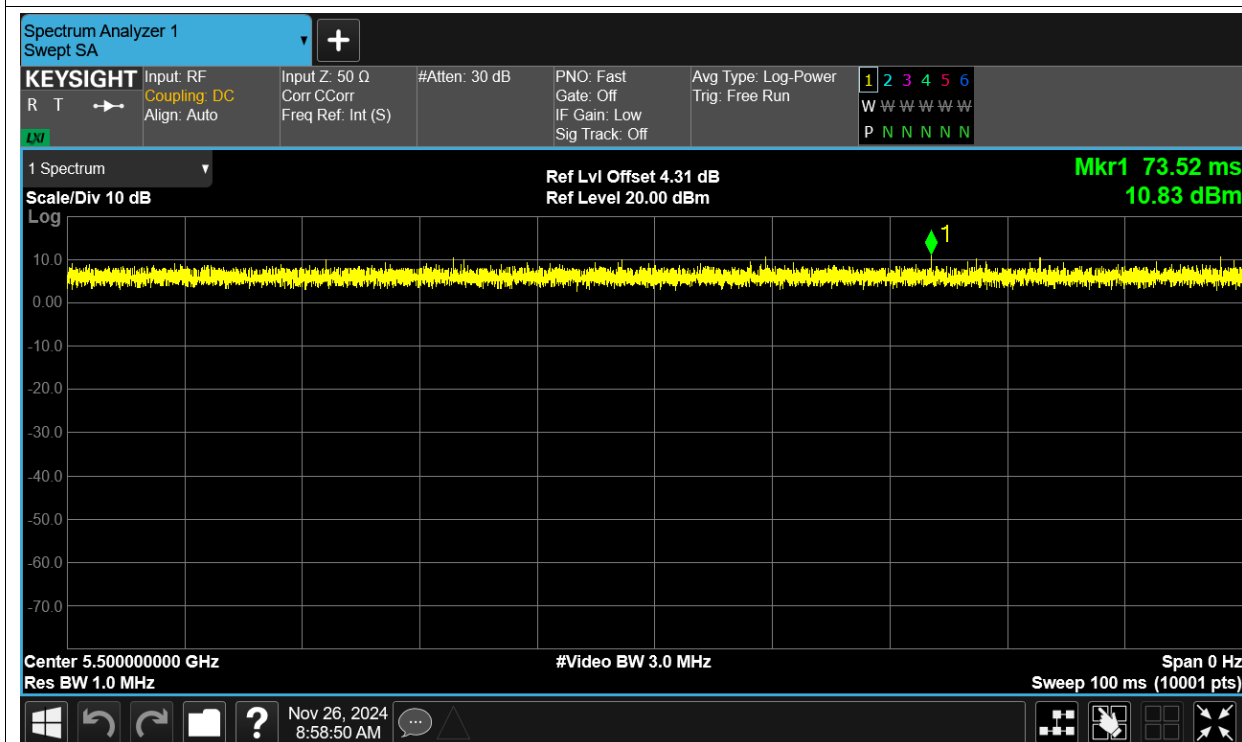
Duty Cycle NVNT a 5600MHz Ant13



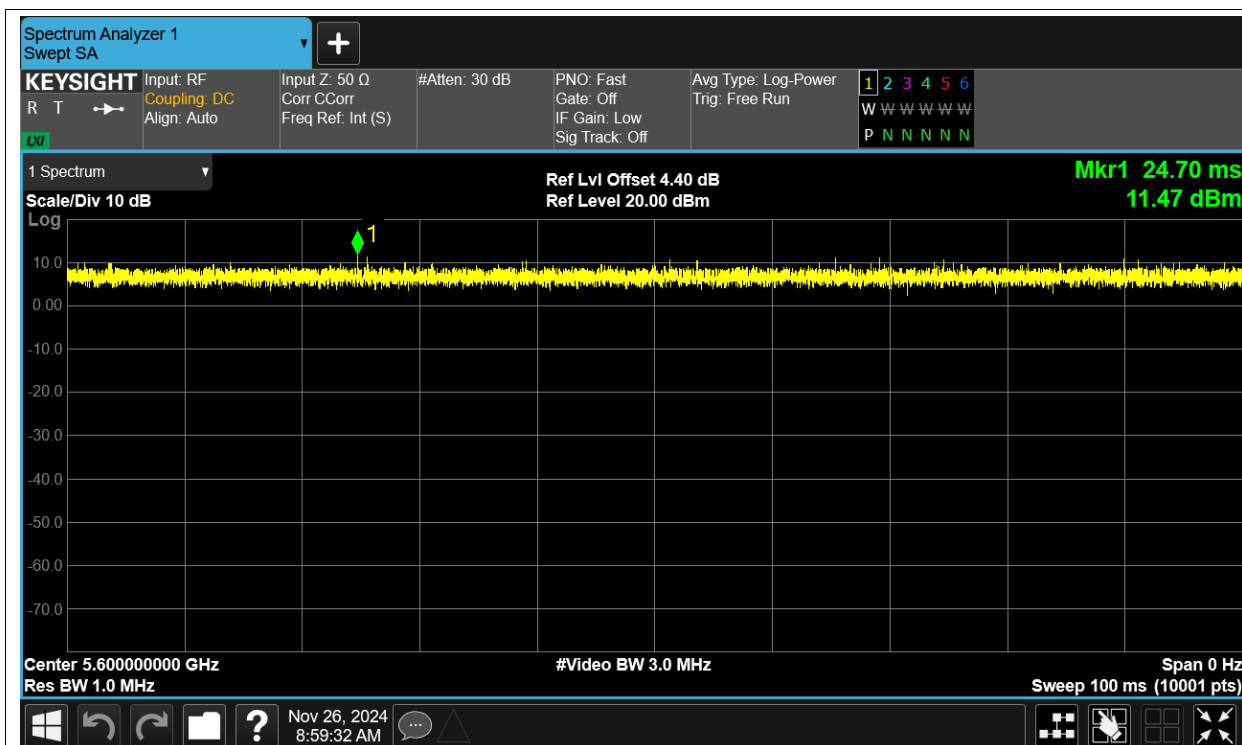
Duty Cycle NVNT a 5700MHz Ant13



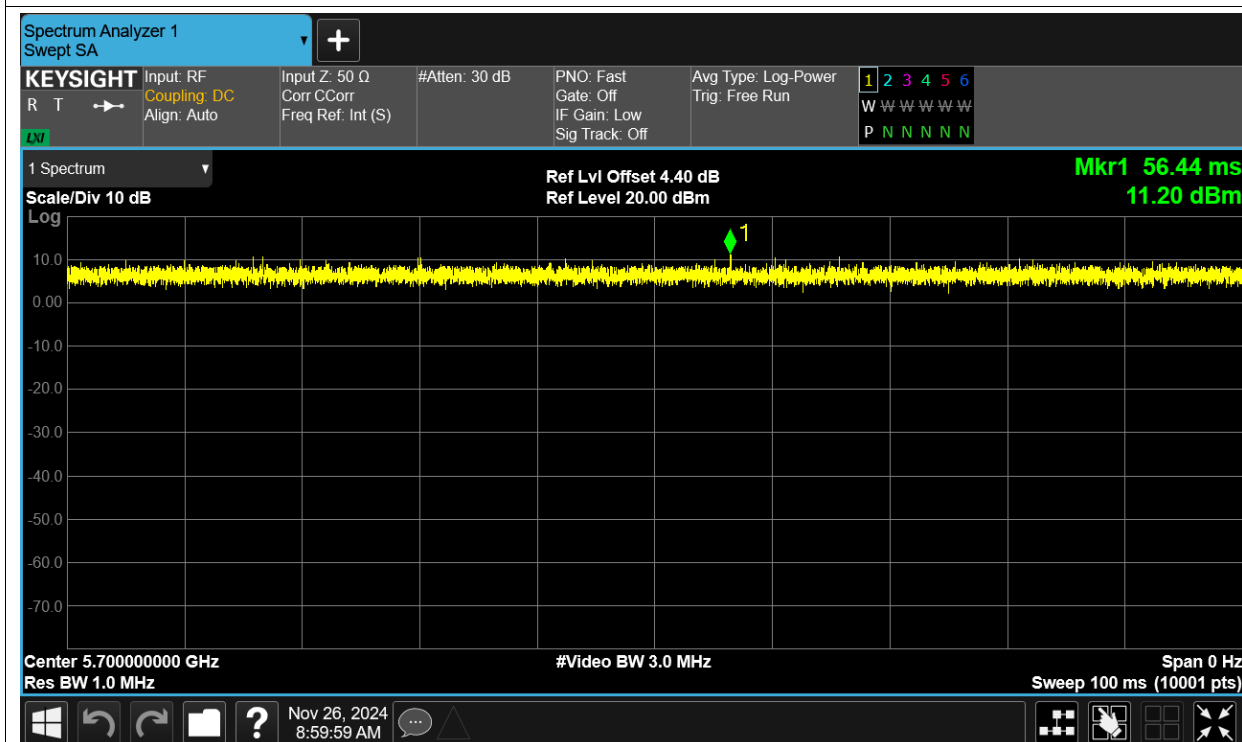
Duty Cycle NVNT ac20 5500MHz Ant13



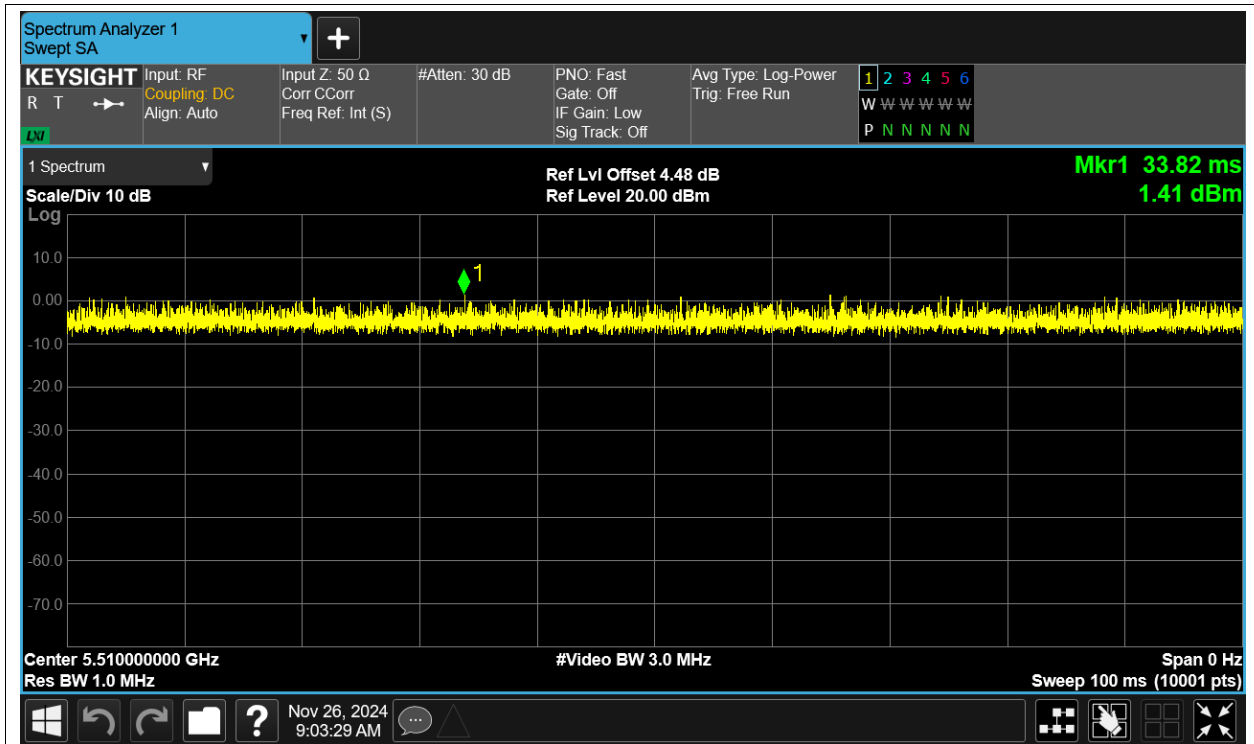
Duty Cycle NVNT ac20 5600MHz Ant13



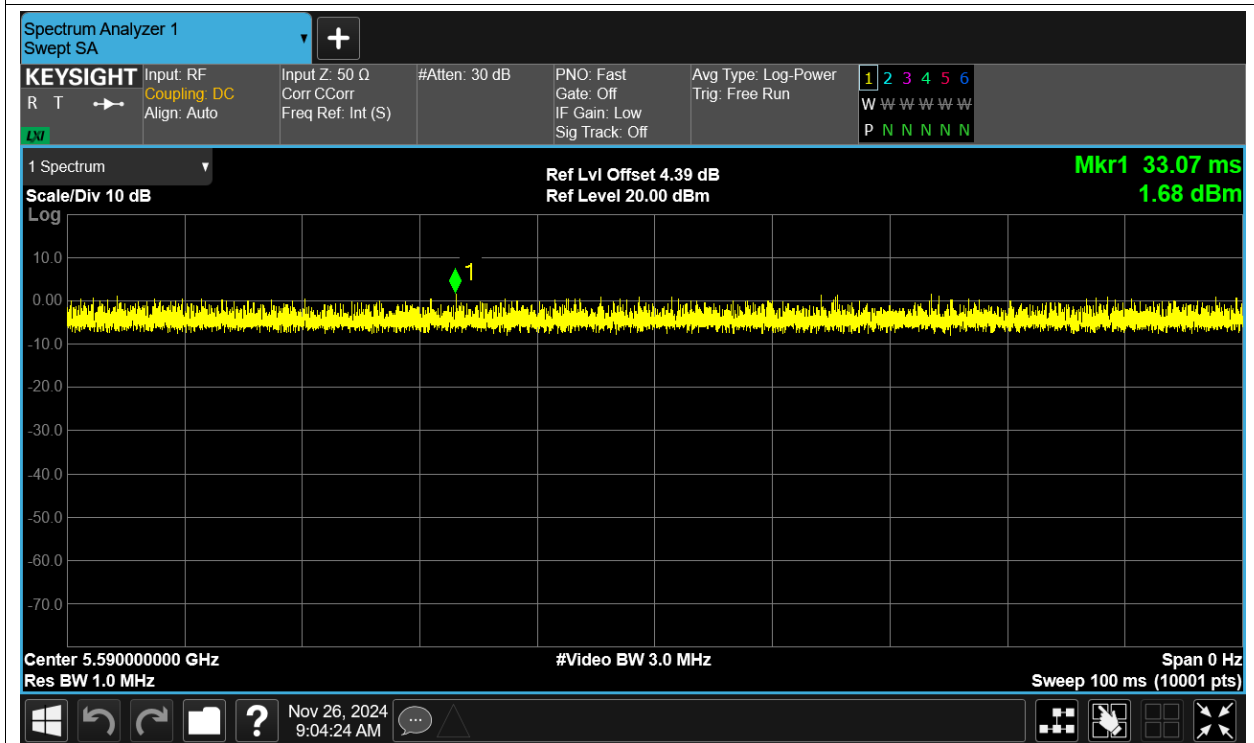
Duty Cycle NVNT ac20 5700MHz Ant13



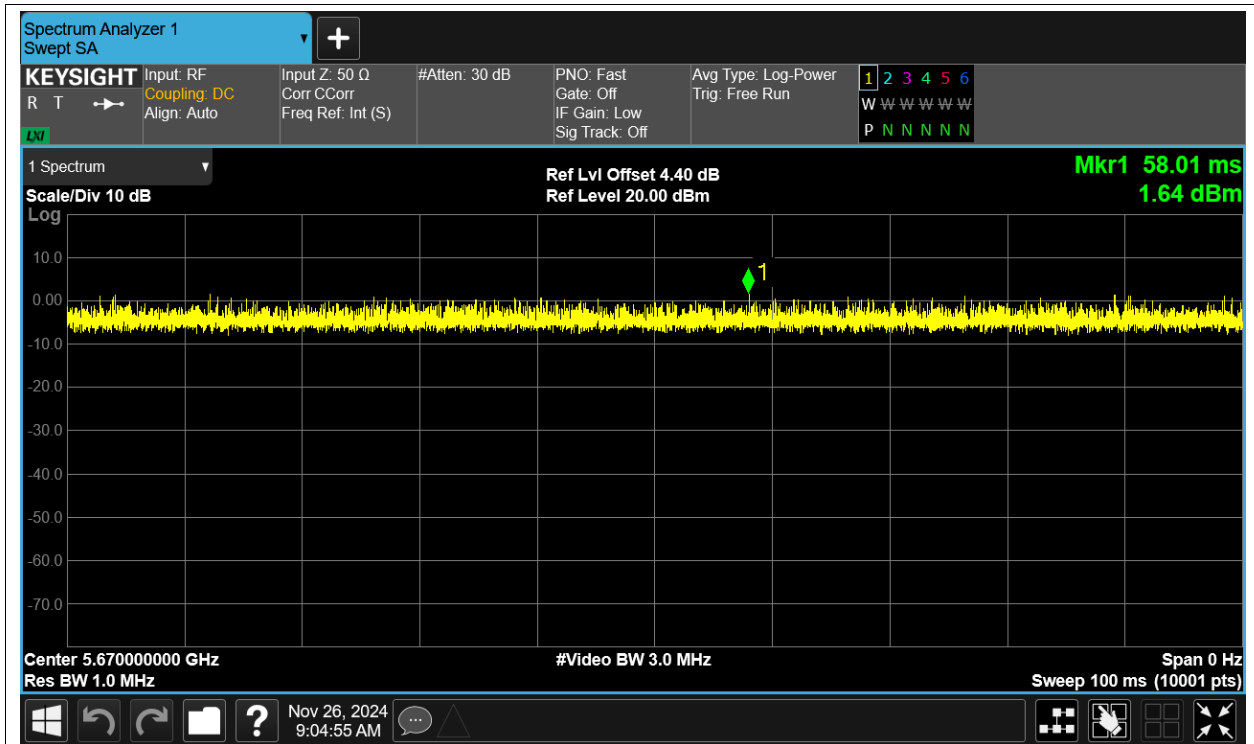
Duty Cycle NVNT ac40 5510MHz Ant13



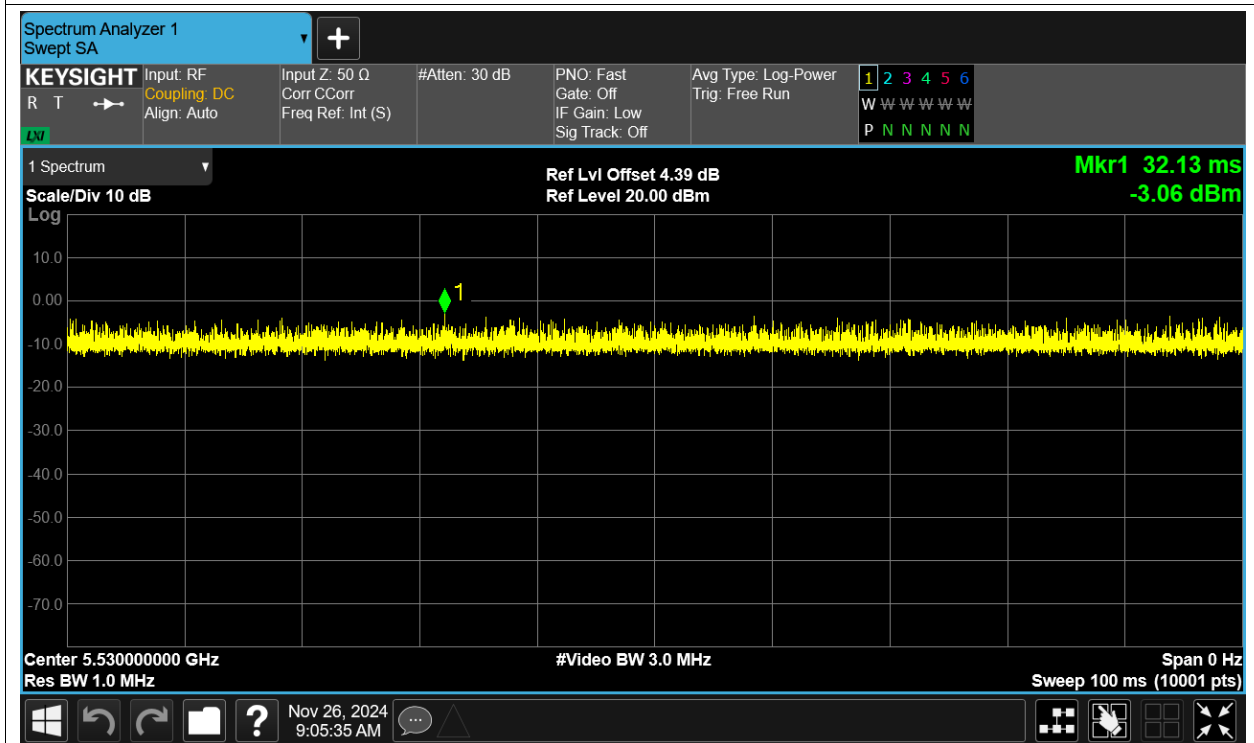
Duty Cycle NVNT ac40 5590MHz Ant13



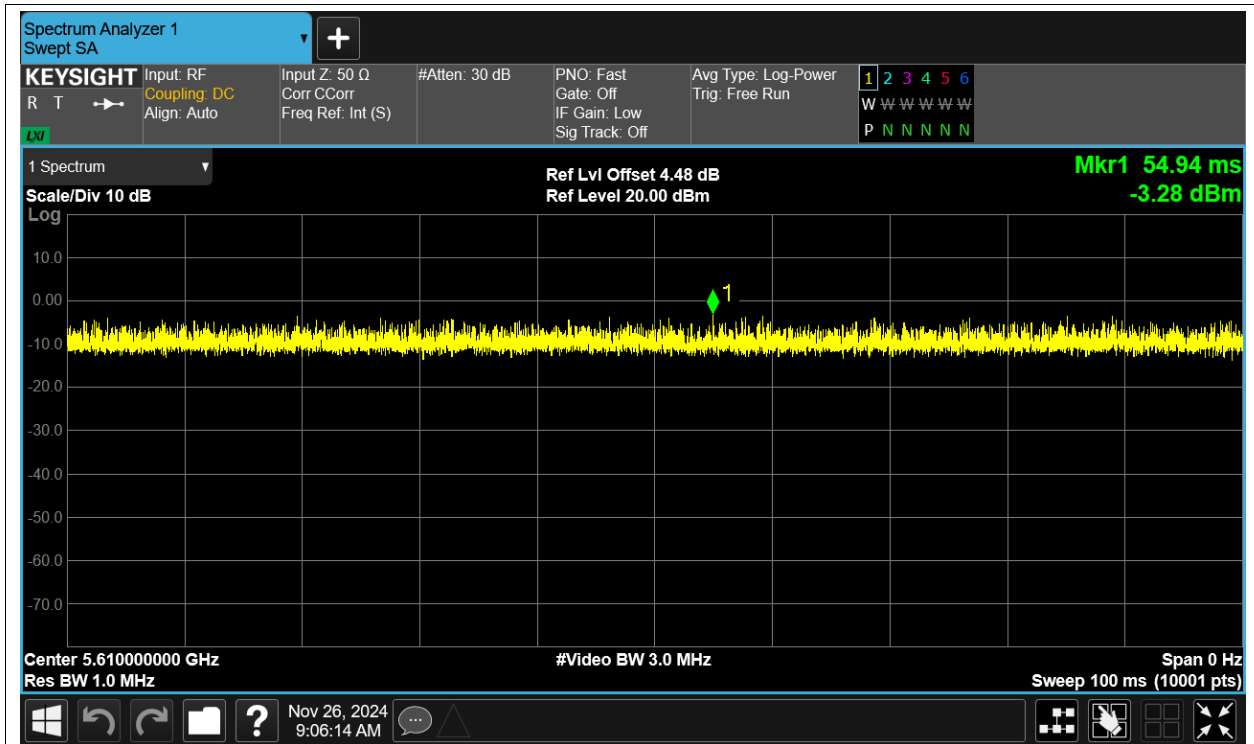
Duty Cycle NVNT ac40 5670MHz Ant13



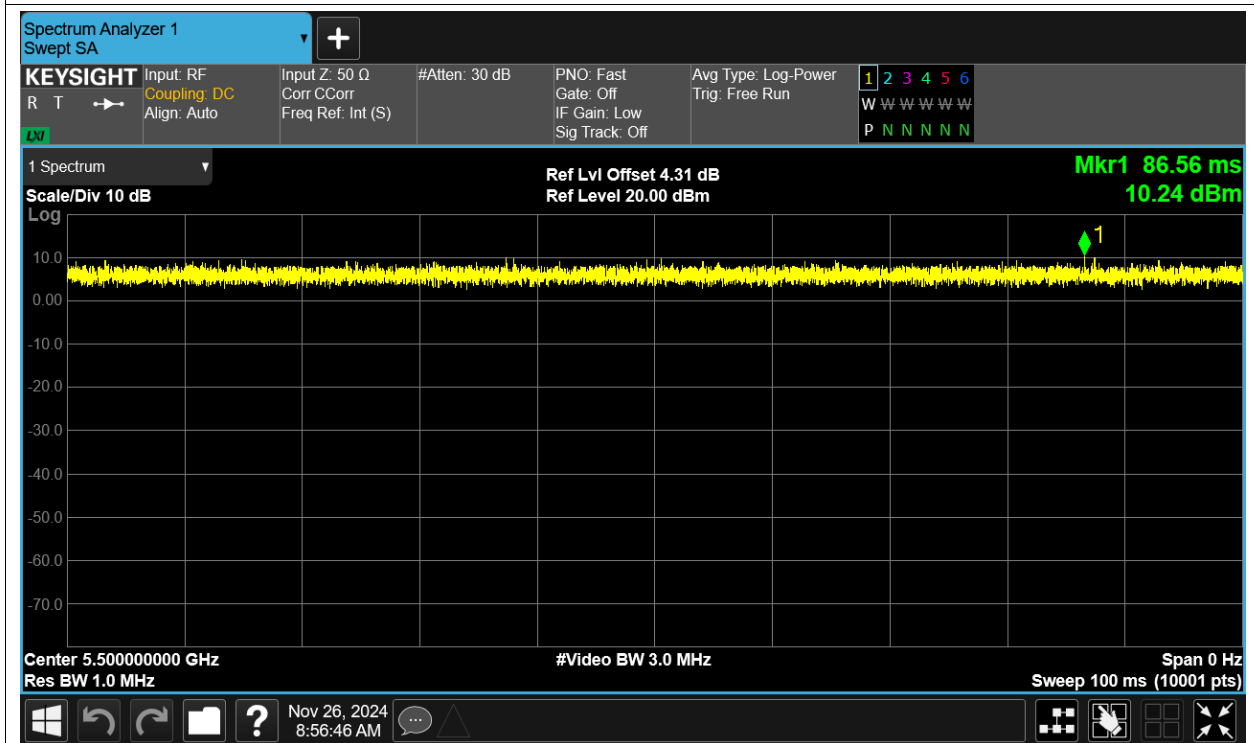
Duty Cycle NVNT ac80 5530MHz Ant13



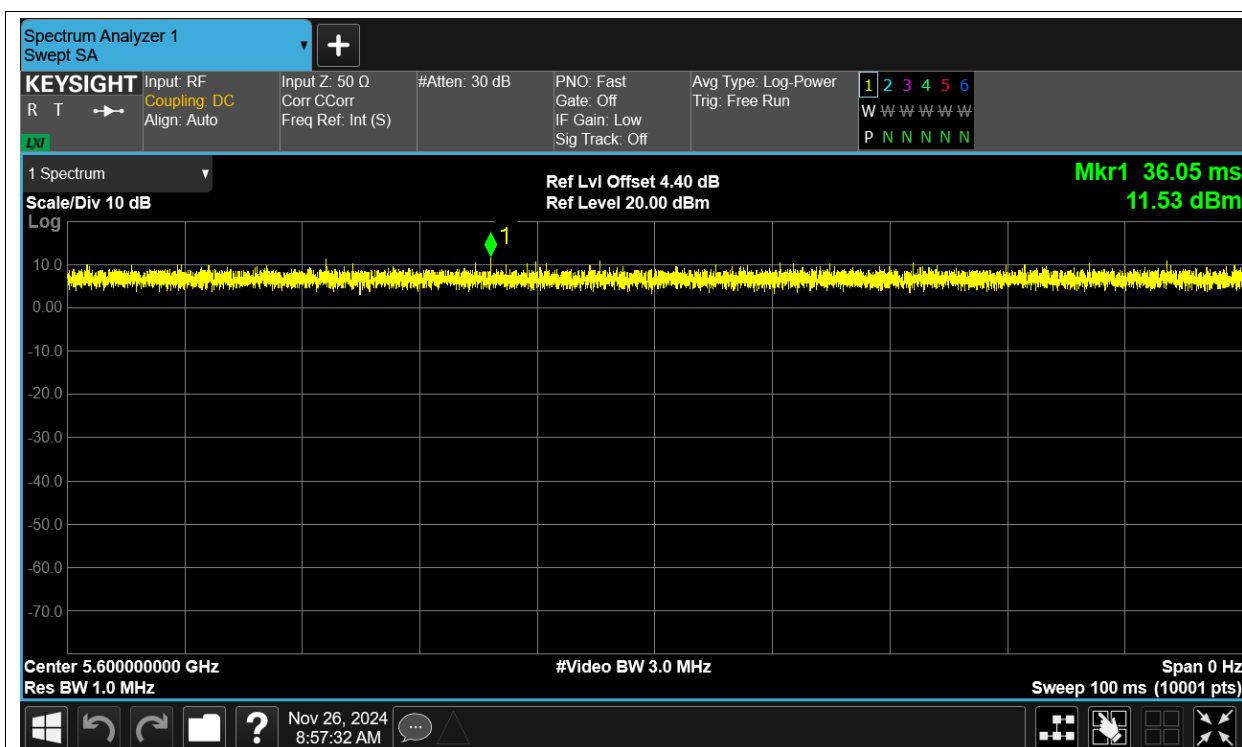
Duty Cycle NVNT ac80 5610MHz Ant13



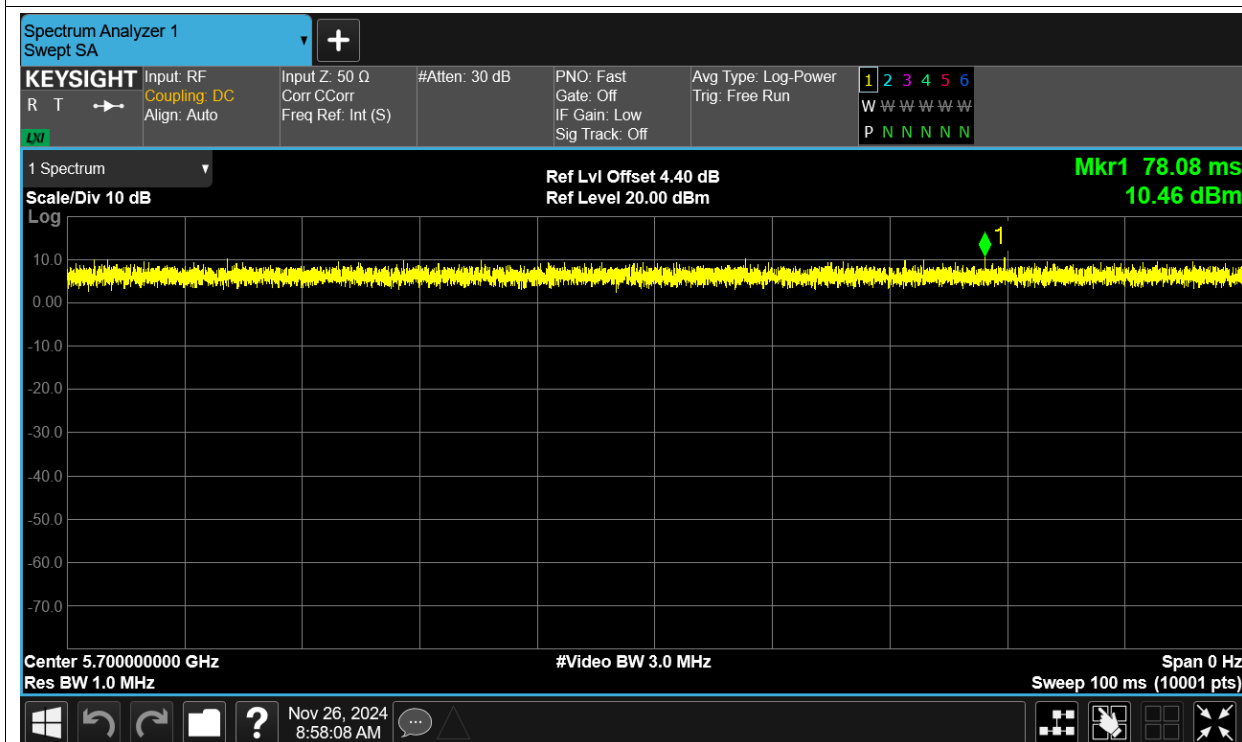
Duty Cycle NVNT n20 5500MHz Ant13



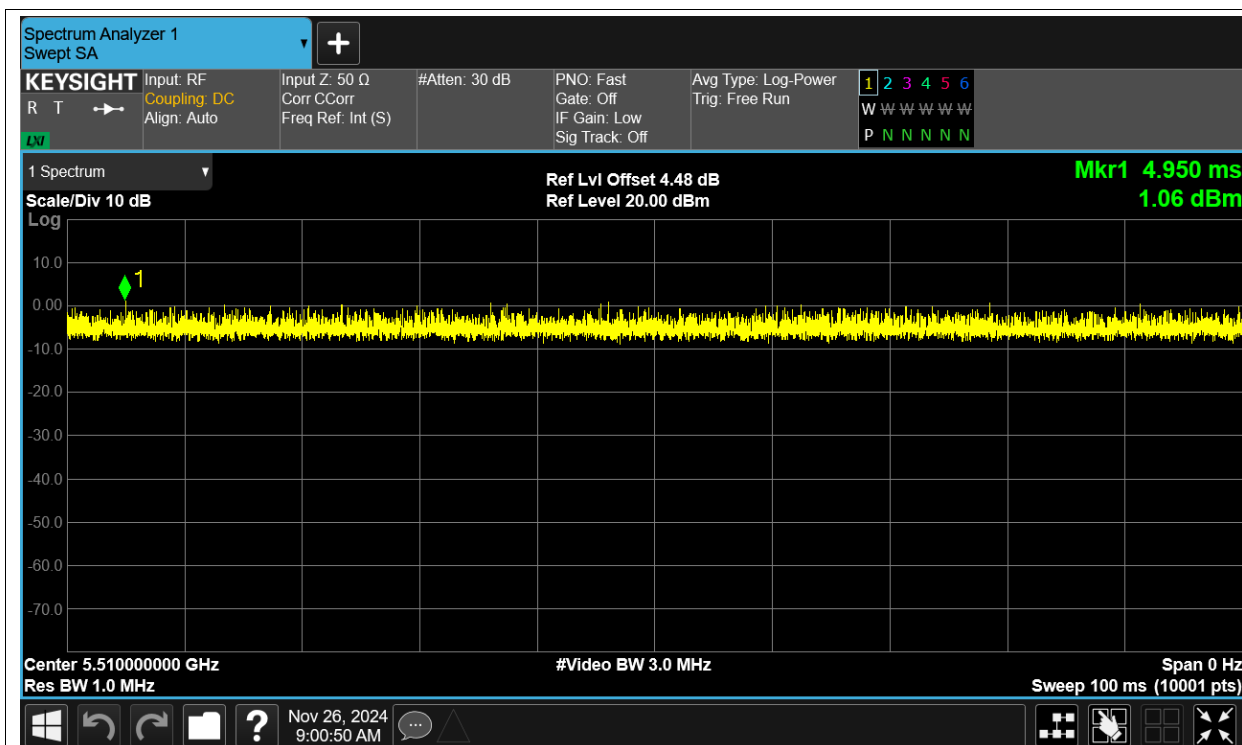
Duty Cycle NVNT n20 5600MHz Ant13



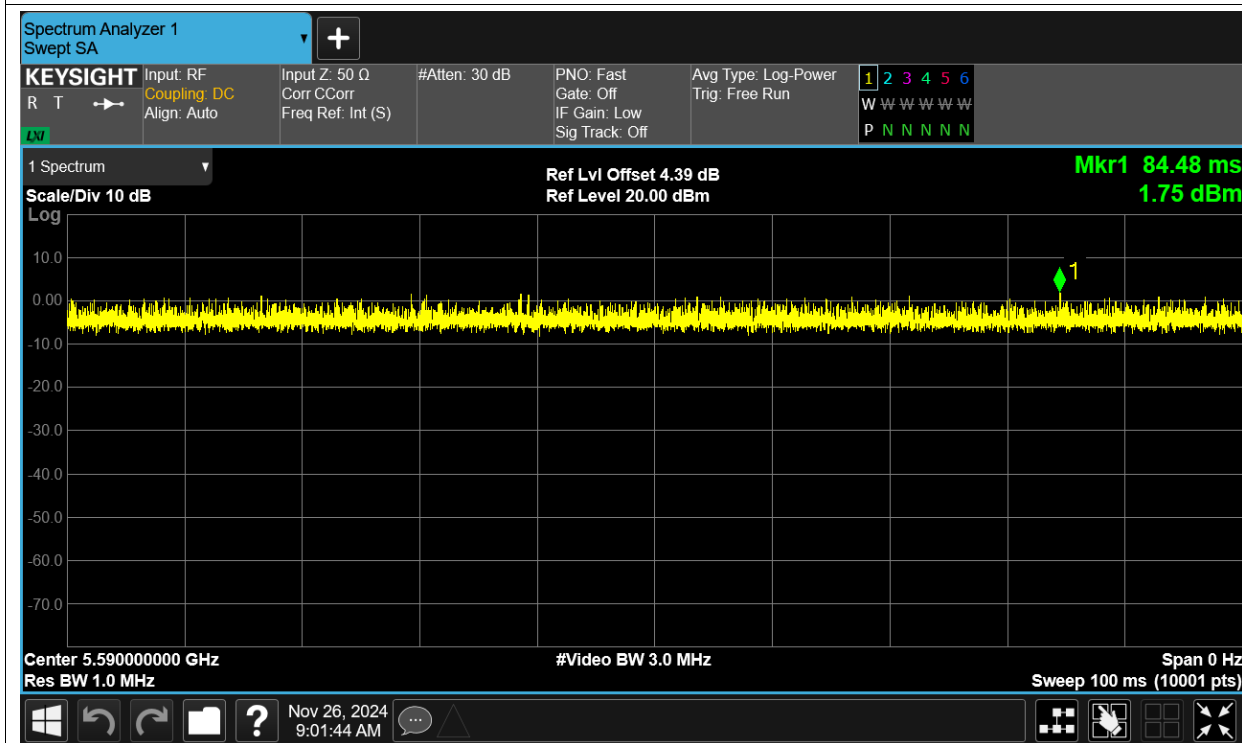
Duty Cycle NVNT n20 5700MHz Ant13



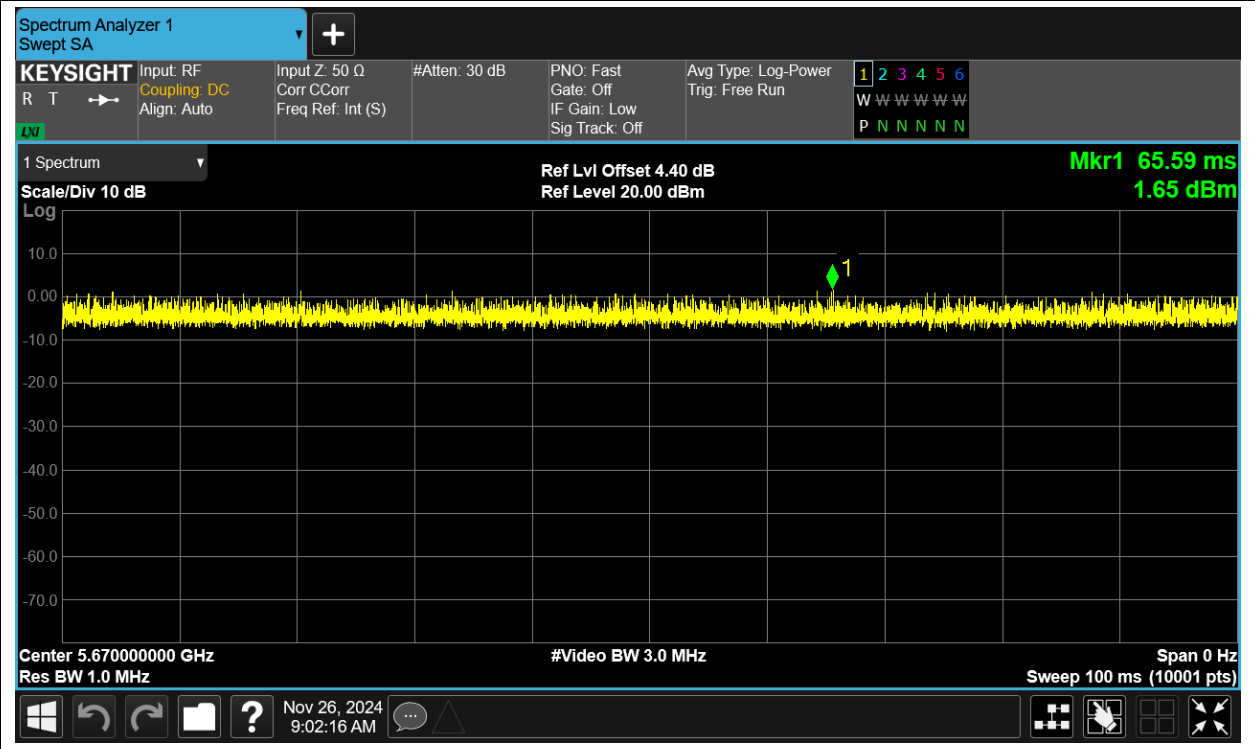
Duty Cycle NVNT n40 5510MHz Ant13



Duty Cycle NVNT n40 5590MHz Ant13



Duty Cycle NVNT n40 5670MHz Ant13



Maximum Conducted Output Power

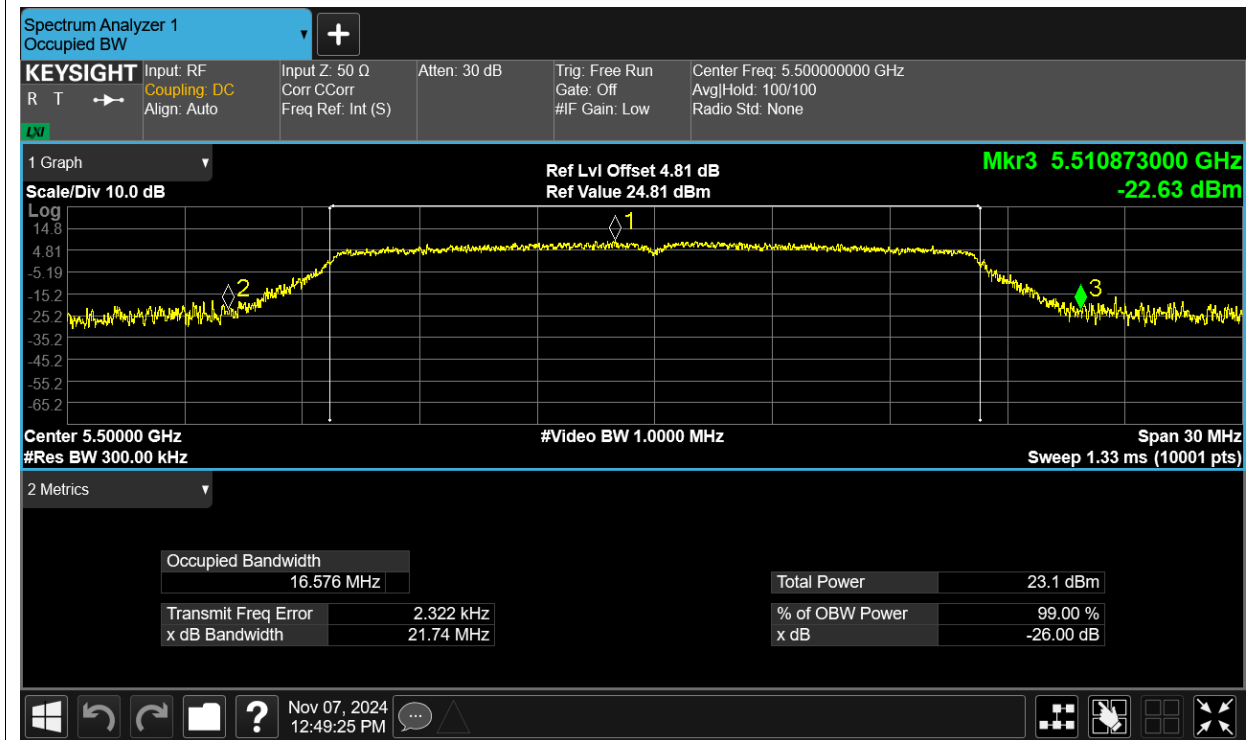
Condition	Mode	Frequency (MHz)	Antenna	Conducted Power (dBm)	Duty Factor (dB)	Total Power (dBm)	Limit (dBm)	Verdict
NVNT	a	5500	Ant13	11.24	0	11.24	24	Pass
NVNT	a	5600	Ant13	11.69	0	11.69	24	Pass
NVNT	a	5700	Ant13	11.88	0	11.88	24	Pass
NVNT	ac20	5500	Ant13	11.64	0	11.64	24	Pass
NVNT	ac20	5600	Ant13	11.56	0	11.56	24	Pass
NVNT	ac20	5700	Ant13	11.78	0	11.78	24	Pass
NVNT	ac40	5510	Ant13	7.88	0	7.88	24	Pass
NVNT	ac40	5590	Ant13	7.59	0	7.59	24	Pass
NVNT	ac40	5670	Ant13	7.6	0	7.6	24	Pass
NVNT	ac80	5530	Ant13	5.76	0	5.76	24	Pass
NVNT	ac80	5610	Ant13	5.53	0	5.53	24	Pass
NVNT	n20	5500	Ant13	9.61	0	9.61	24	Pass
NVNT	n20	5600	Ant13	11.59	0	11.59	24	Pass
NVNT	n20	5700	Ant13	11.69	0	11.69	24	Pass
NVNT	n40	5510	Ant13	7.46	0	7.46	24	Pass
NVNT	n40	5590	Ant13	7.59	0	7.59	24	Pass
NVNT	n40	5670	Ant13	7.62	0	7.62	24	Pass

-26dB Bandwidth

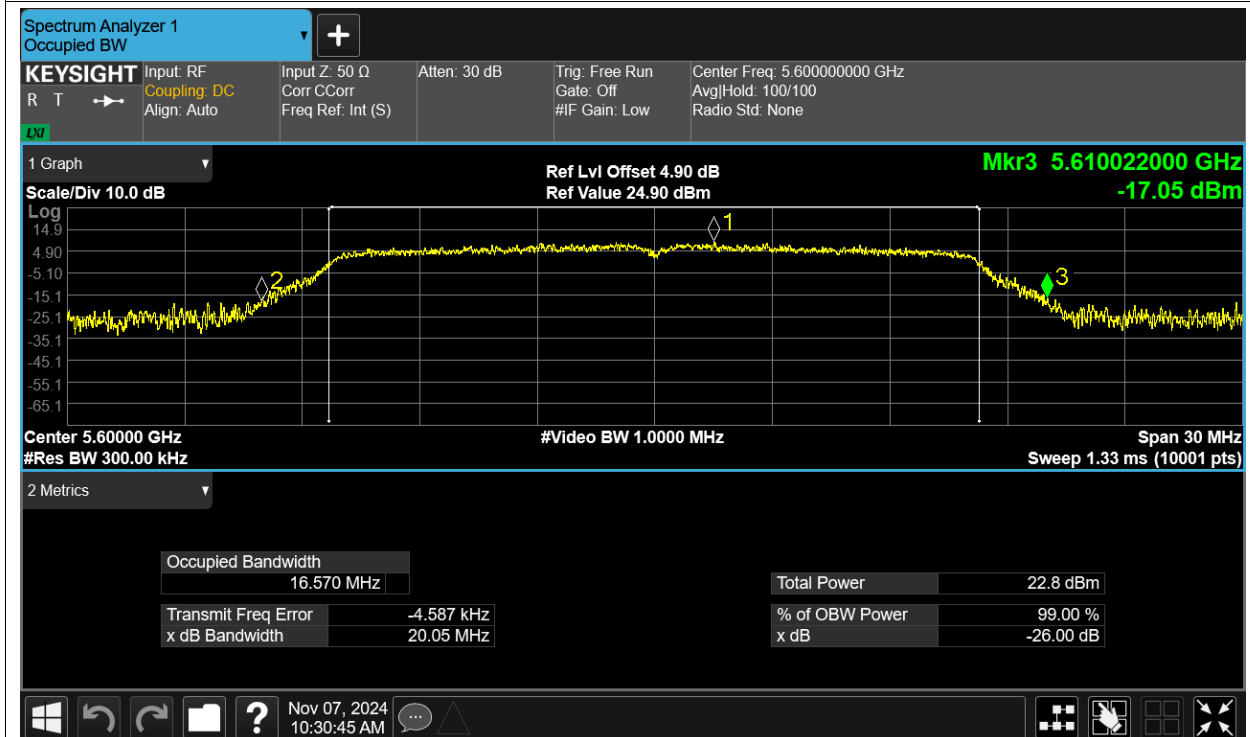
Condition	Mode	Frequency (MHz)	Antenna	-26 dB Bandwidth (MHz)
NVNT	a	5500	Ant13	21.742
NVNT	a	5600	Ant13	20.053
NVNT	a	5700	Ant13	25.252
NVNT	ac20	5500	Ant13	22.483
NVNT	ac20	5600	Ant13	21.192
NVNT	ac20	5700	Ant13	24.837
NVNT	ac40	5510	Ant13	39.786
NVNT	ac40	5590	Ant13	39.934
NVNT	ac40	5670	Ant13	39.993
NVNT	ac80	5530	Ant13	79.108
NVNT	ac80	5610	Ant13	78.595
NVNT	n20	5500	Ant13	21.2
NVNT	n20	5600	Ant13	23.019
NVNT	n20	5700	Ant13	20.228
NVNT	n40	5510	Ant13	39.533
NVNT	n40	5590	Ant13	40.423
NVNT	n40	5670	Ant13	39.859

Test Graphs

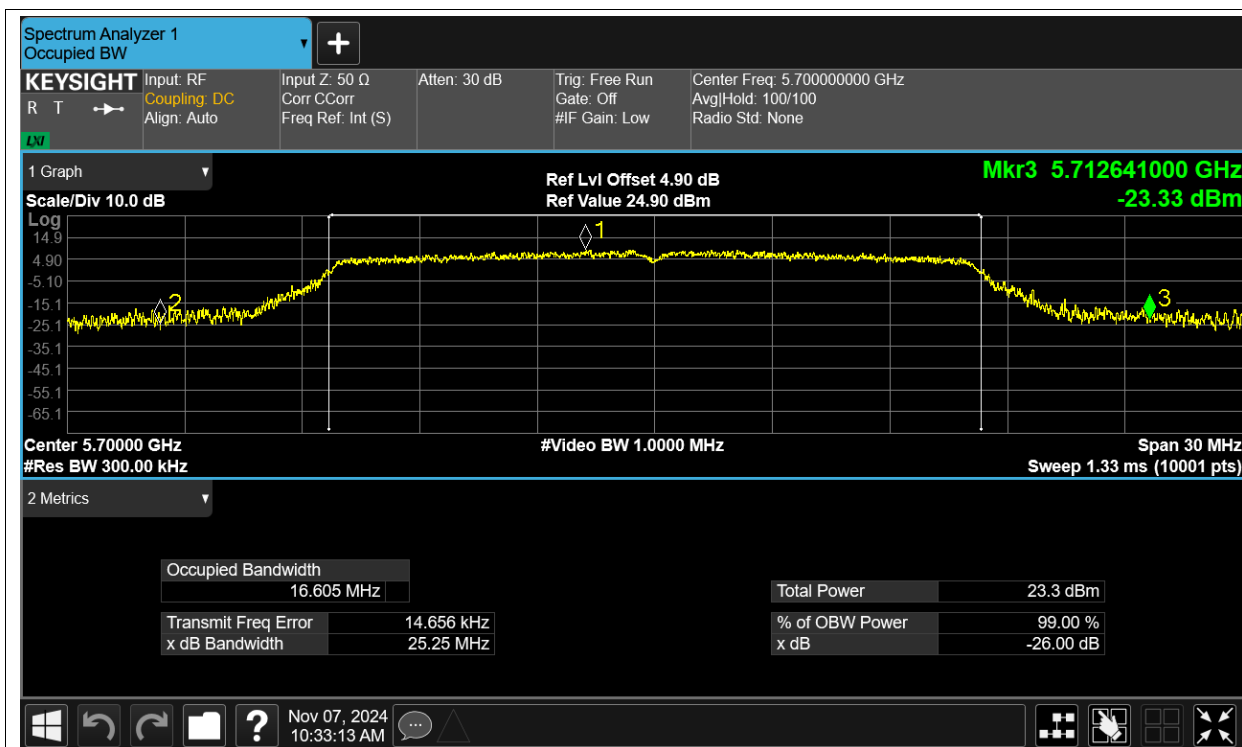
-26dB Bandwidth NVNT a 5500MHz Ant13



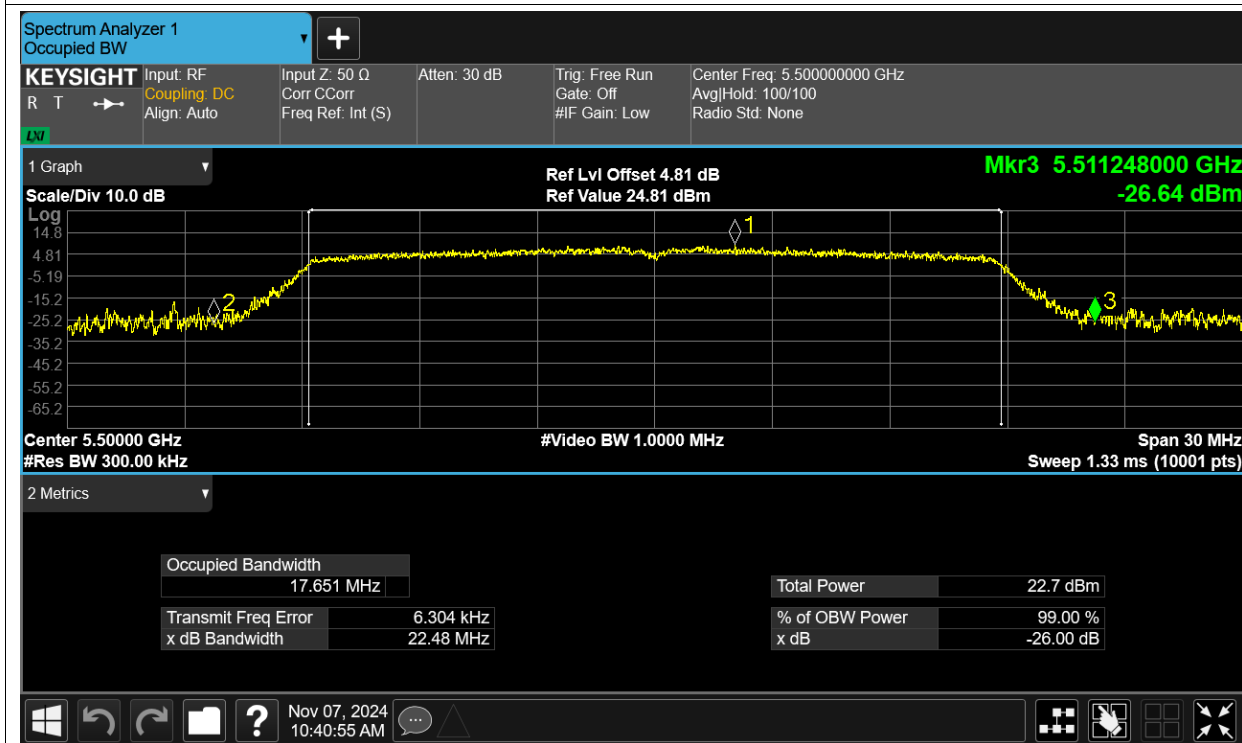
-26dB Bandwidth NVNT a 5600MHz Ant13



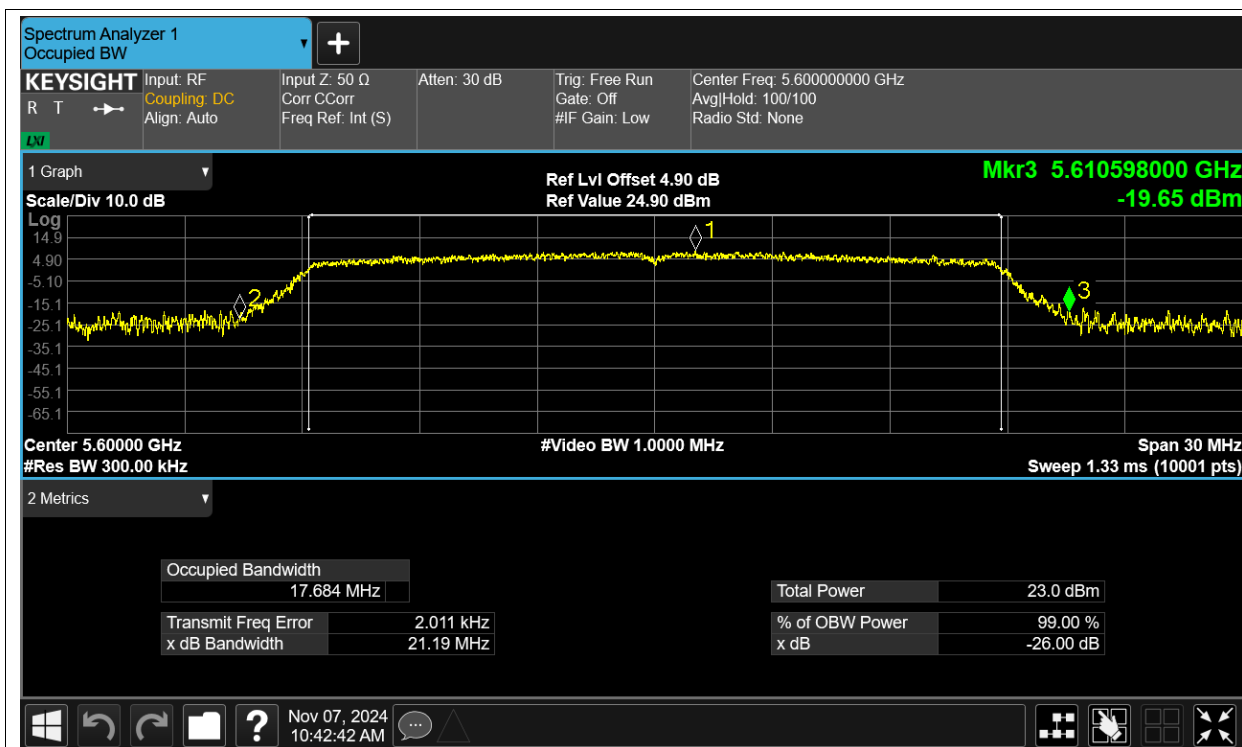
-26dB Bandwidth NVNT a 5700MHz Ant13



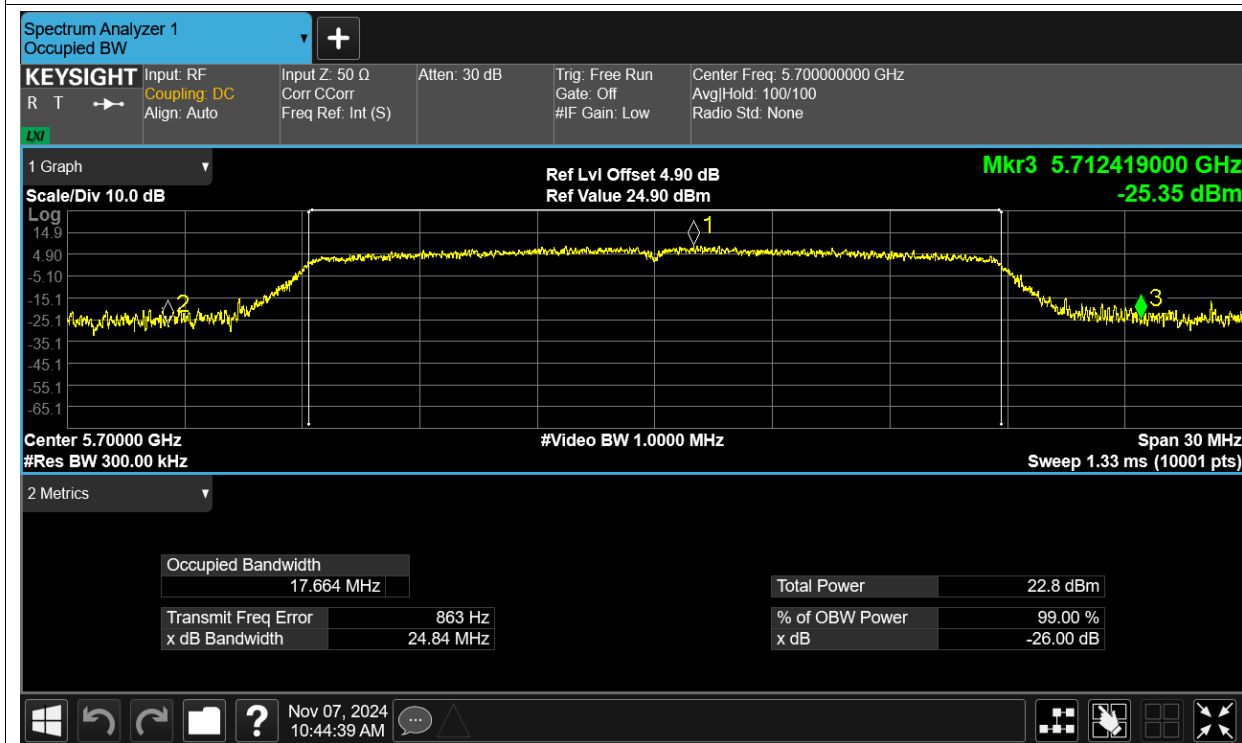
-26dB Bandwidth NVNT ac20 5500MHz Ant13



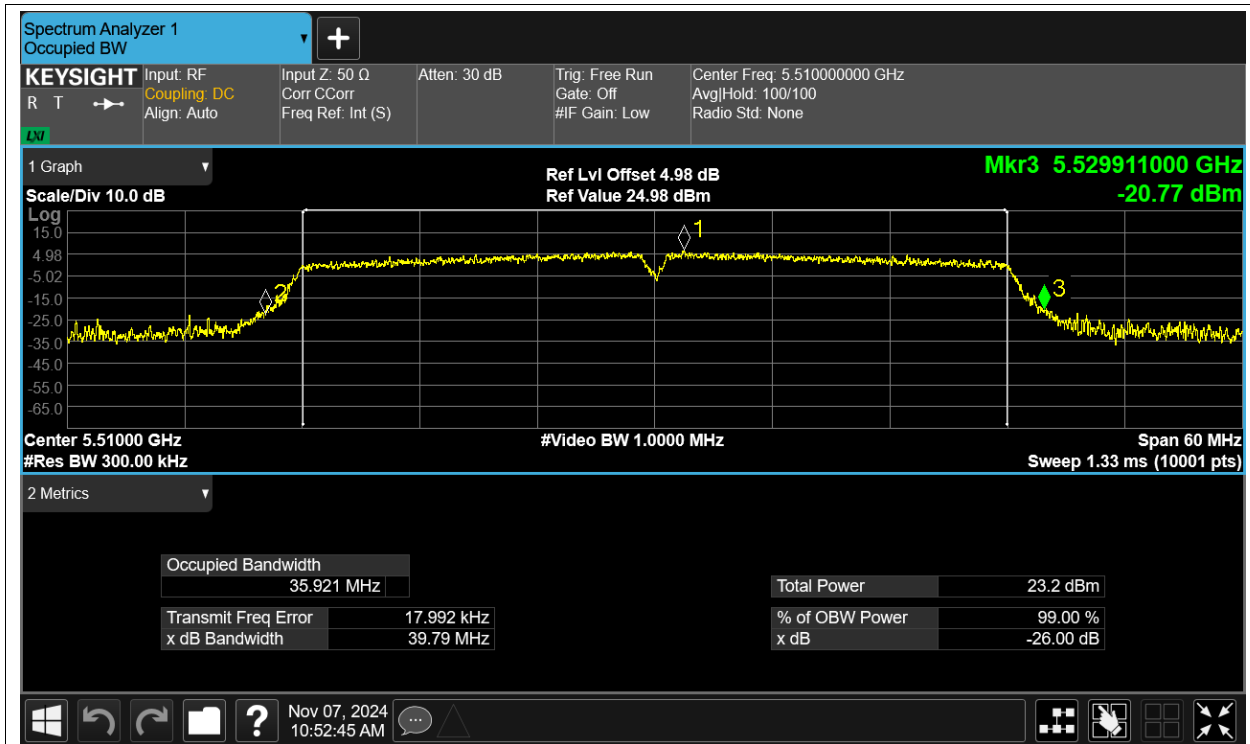
-26dB Bandwidth NVNT ac20 5600MHz Ant13



-26dB Bandwidth NVNT ac20 5700MHz Ant13



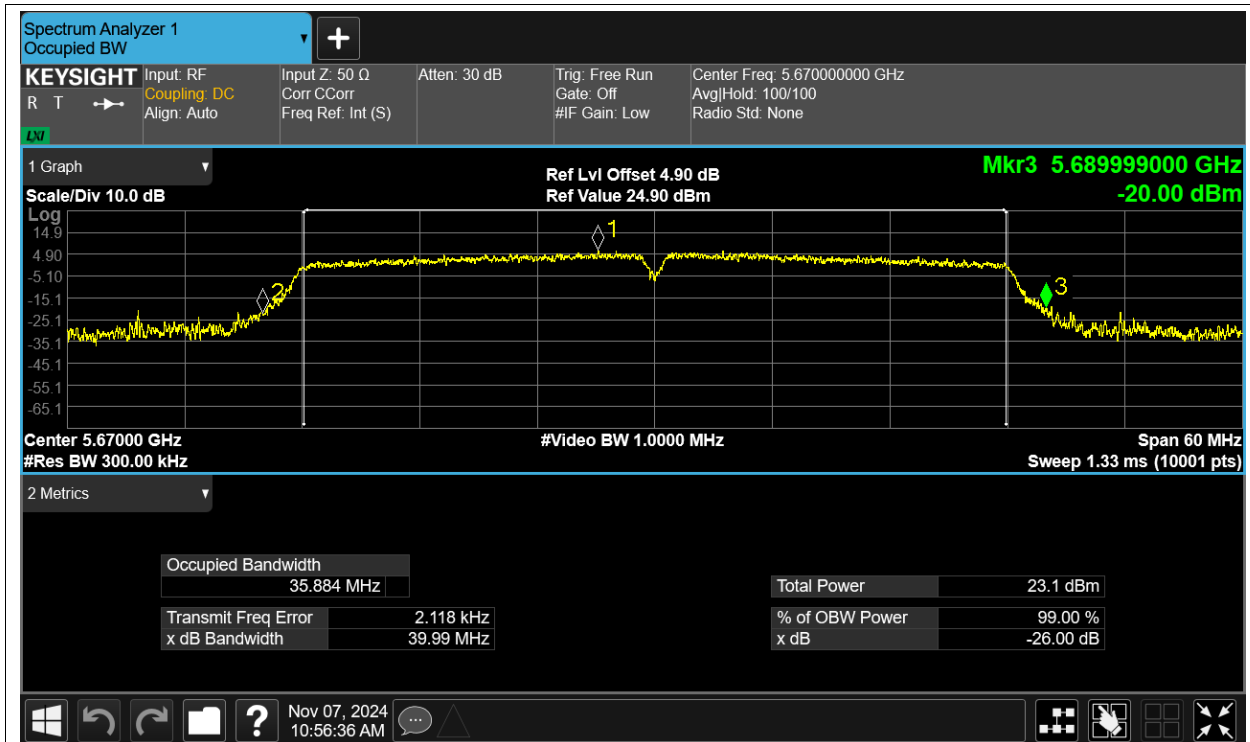
-26dB Bandwidth NVNT ac40 5510MHz Ant13



-26dB Bandwidth NVNT ac40 5590MHz Ant13



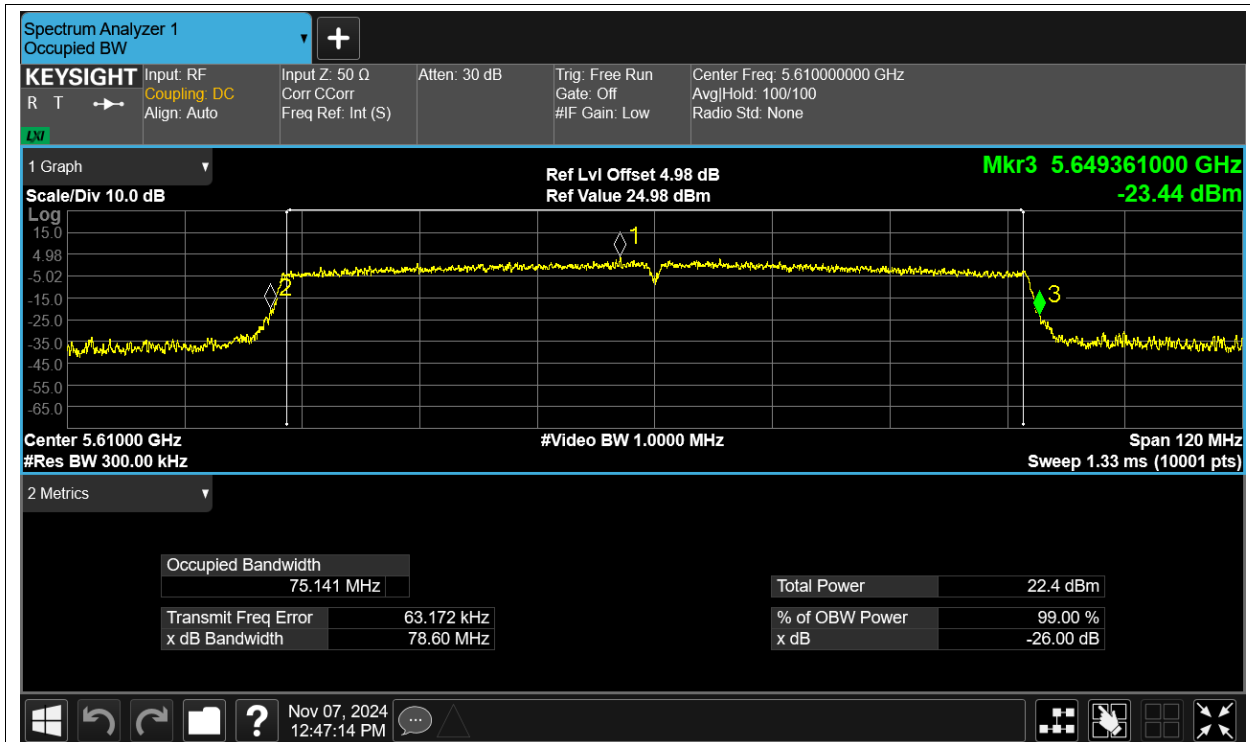
-26dB Bandwidth NVNT ac40 5670MHz Ant13



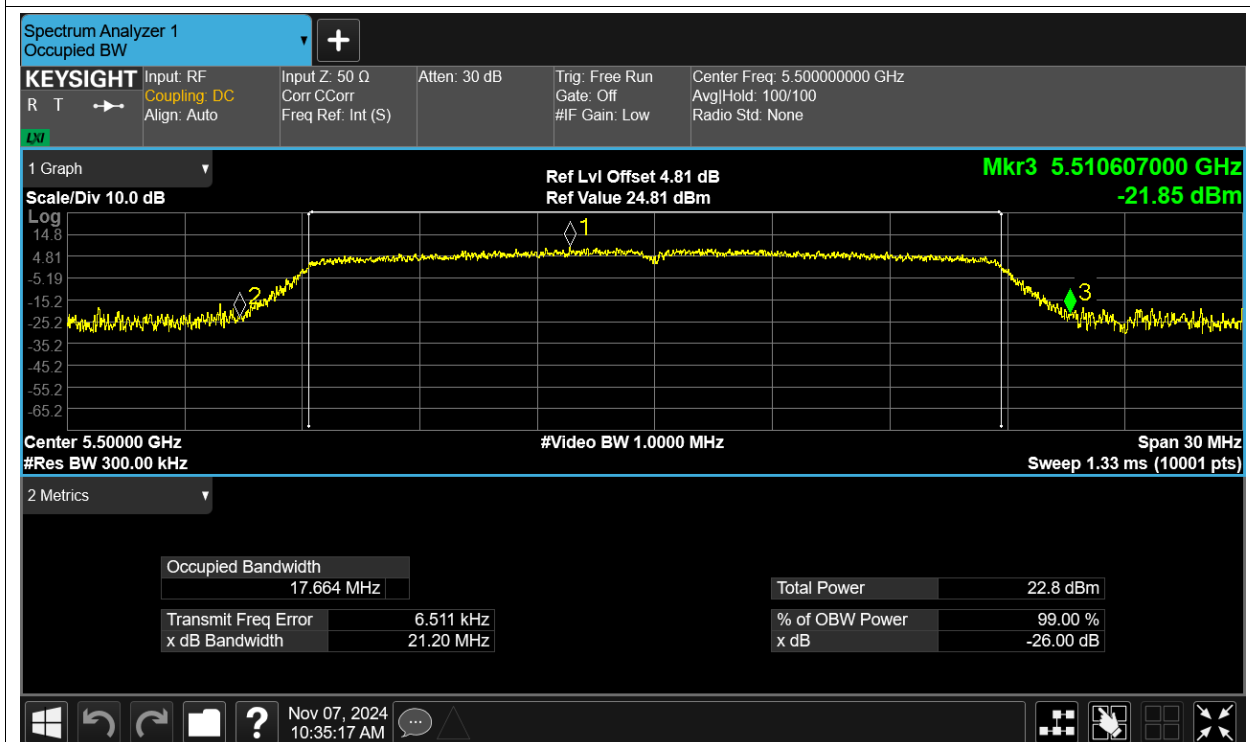
-26dB Bandwidth NVNT ac80 5530MHz Ant13



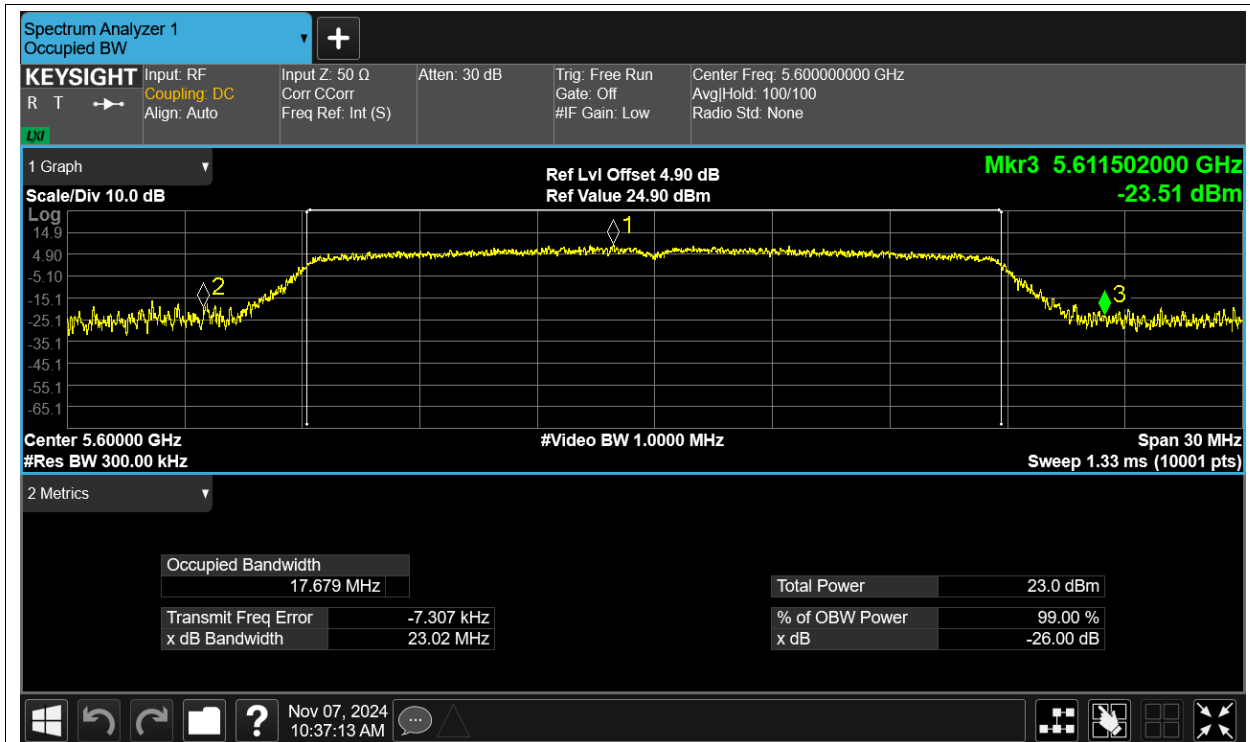
-26dB Bandwidth NVNT ac80 5610MHz Ant13



-26dB Bandwidth NVNT n20 5500MHz Ant13



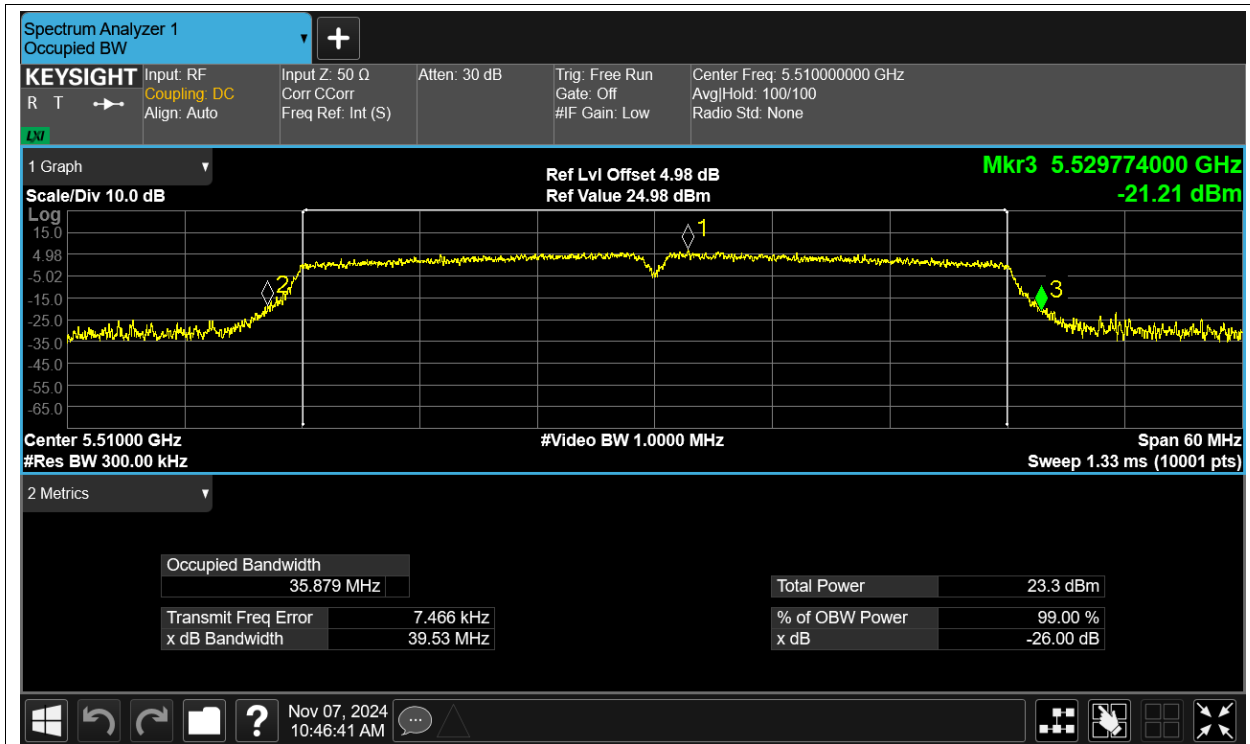
-26dB Bandwidth NVNT n20 5600MHz Ant13



-26dB Bandwidth NVNT n20 5700MHz Ant13



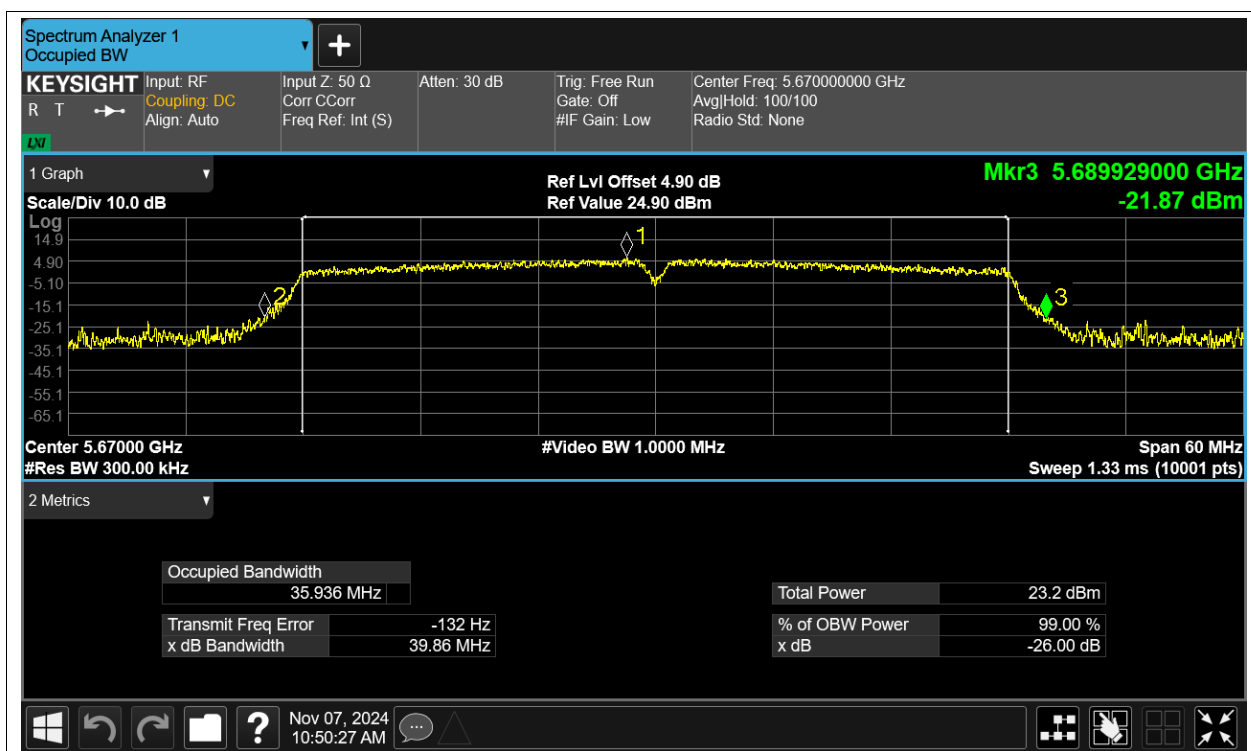
-26dB Bandwidth NVNT n40 5510MHz Ant13



-26dB Bandwidth NVNT n40 5590MHz Ant13



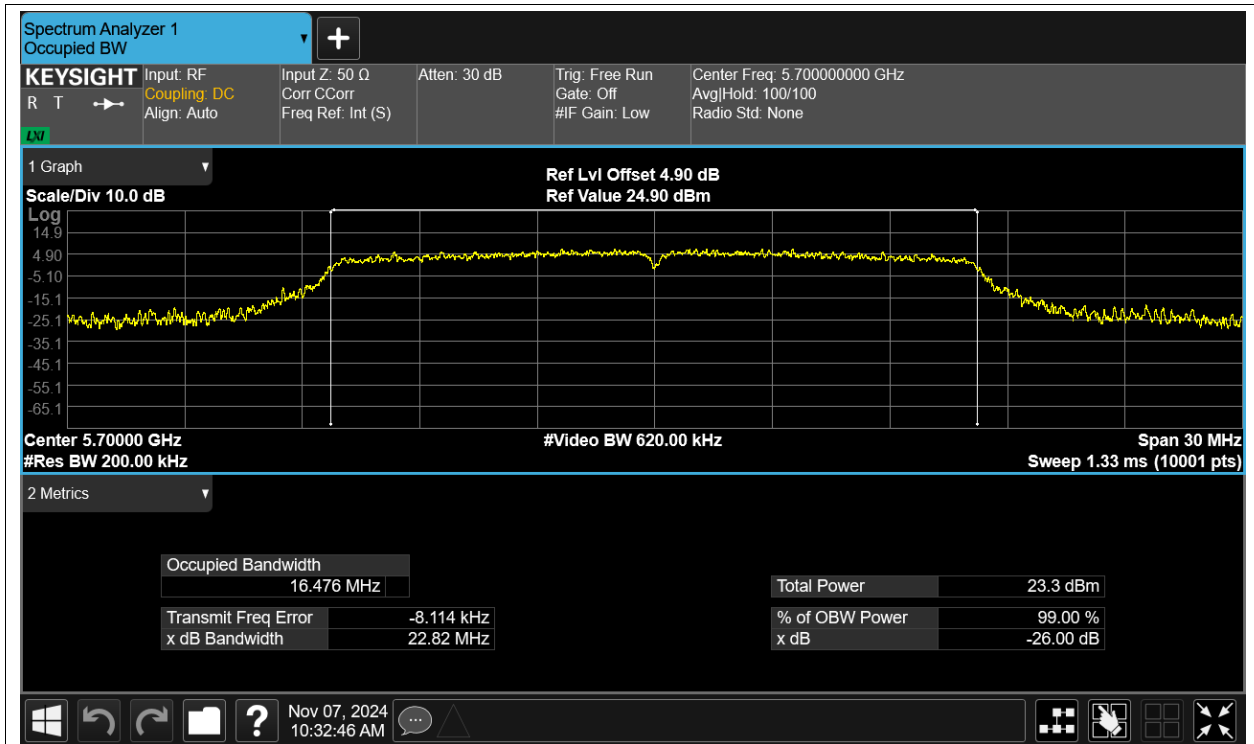
-26dB Bandwidth NVNT n40 5670MHz Ant13



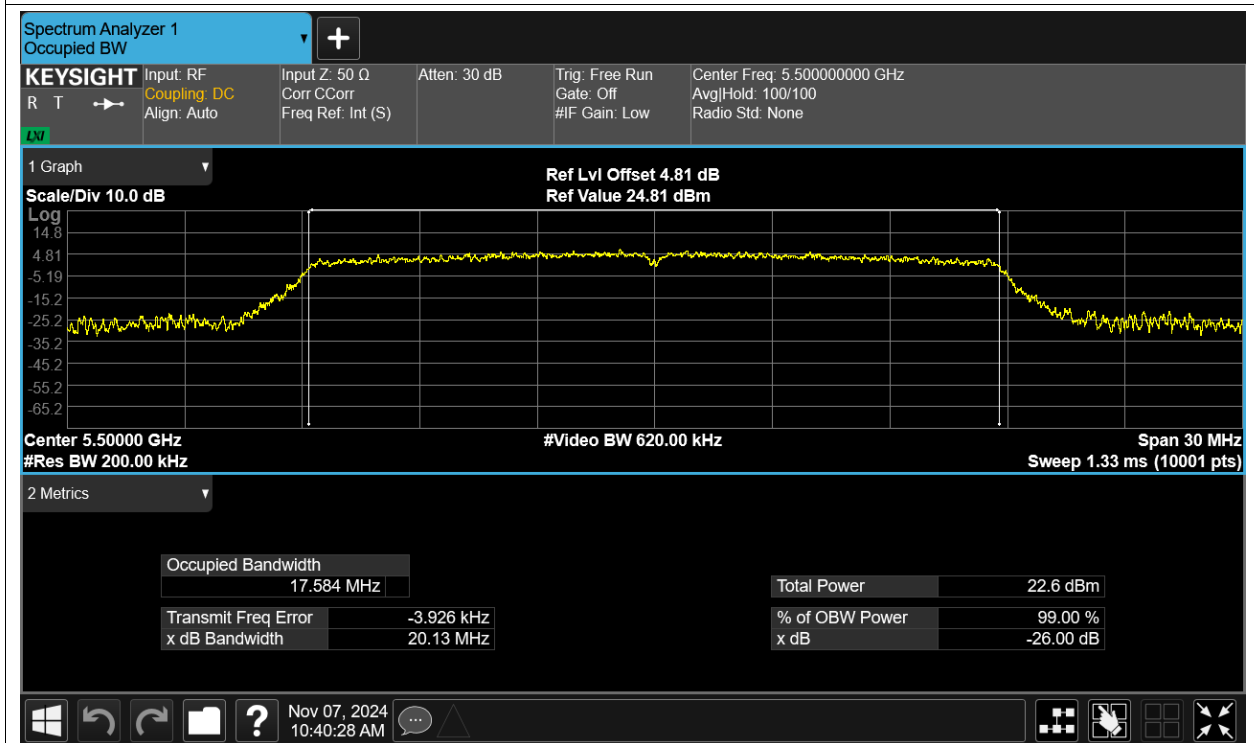
Occupied Channel Bandwidth

Condition	Mode	Frequency (MHz)	Antenna	99% OBW (MHz)
NVNT	a	5500	Ant13	16.417
NVNT	a	5600	Ant13	16.449
NVNT	a	5700	Ant13	16.476
NVNT	ac20	5500	Ant13	17.584
NVNT	ac20	5600	Ant13	17.612
NVNT	ac20	5700	Ant13	17.573
NVNT	ac40	5510	Ant13	35.889
NVNT	ac40	5590	Ant13	35.963
NVNT	ac40	5670	Ant13	35.98
NVNT	ac80	5530	Ant13	75.065
NVNT	ac80	5610	Ant13	75.083
NVNT	n20	5500	Ant13	17.577
NVNT	n20	5600	Ant13	17.597
NVNT	n20	5700	Ant13	17.599
NVNT	n40	5510	Ant13	35.902
NVNT	n40	5590	Ant13	35.947
NVNT	n40	5670	Ant13	36.017

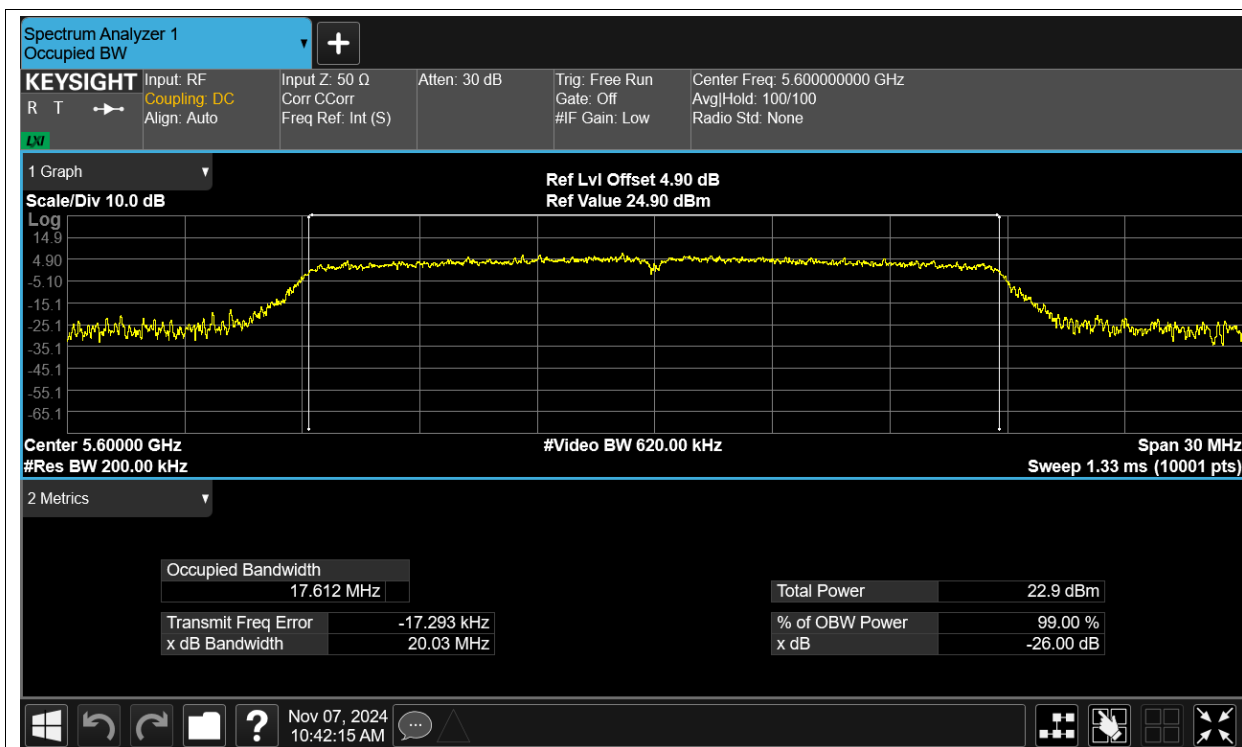




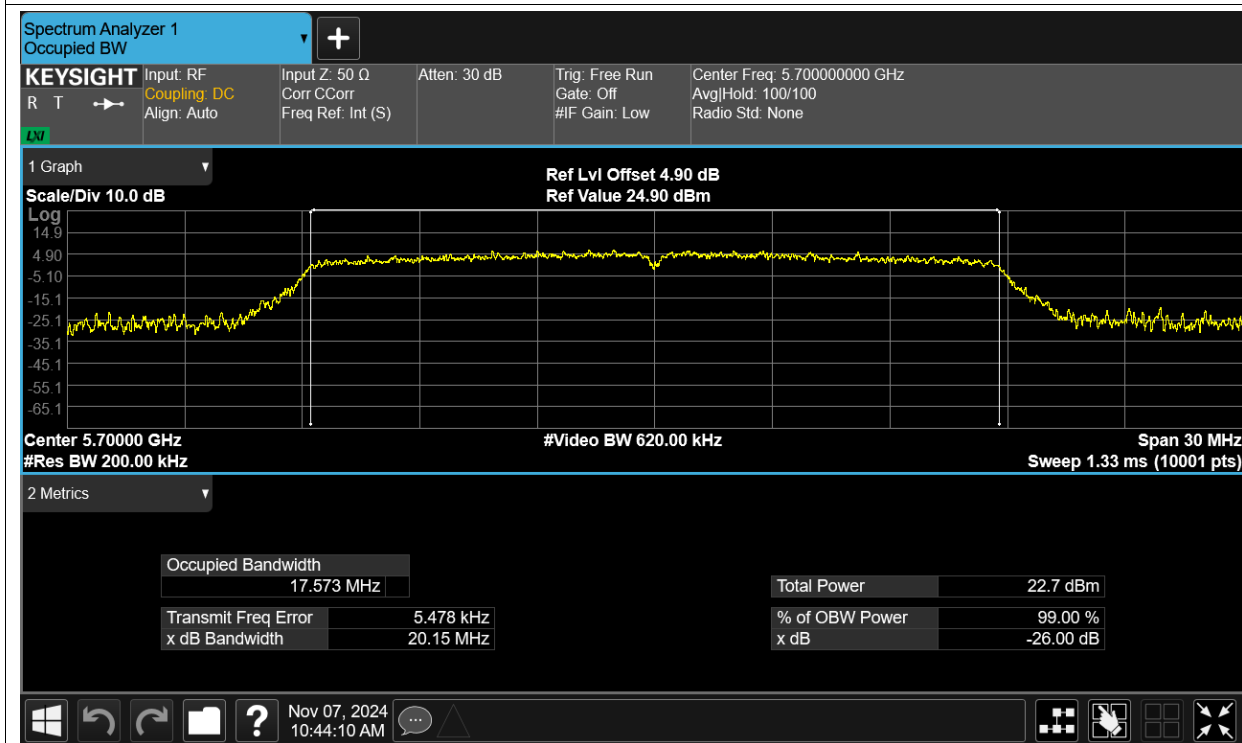
OBW NVNT ac20 5500MHz Ant13



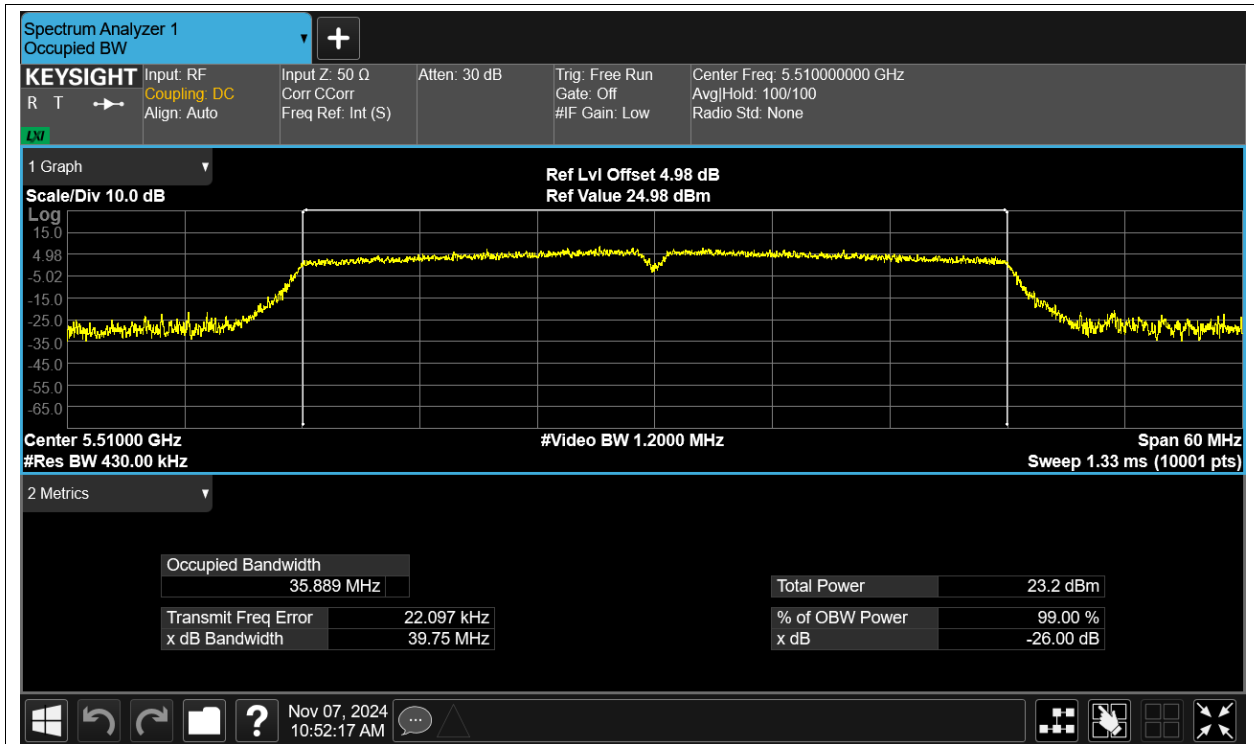
OBW NVNT ac20 5600MHz Ant13



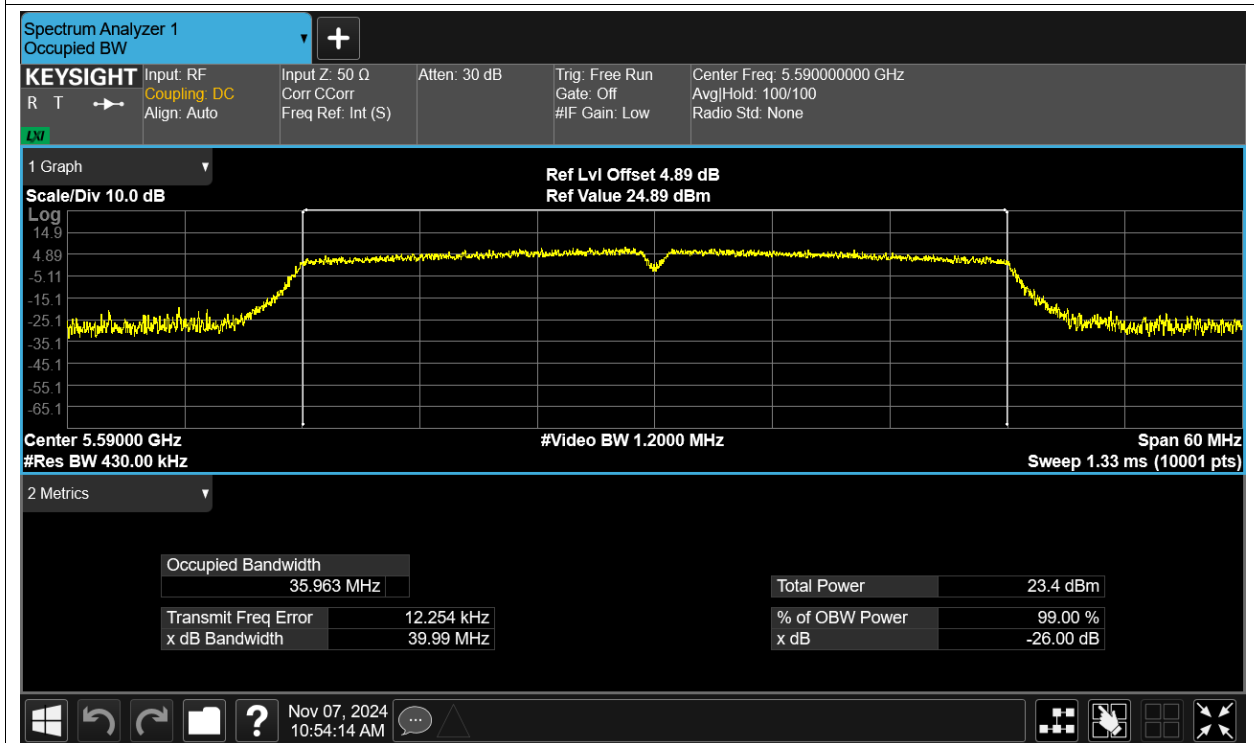
OBW NVNT ac20 5700MHz Ant13



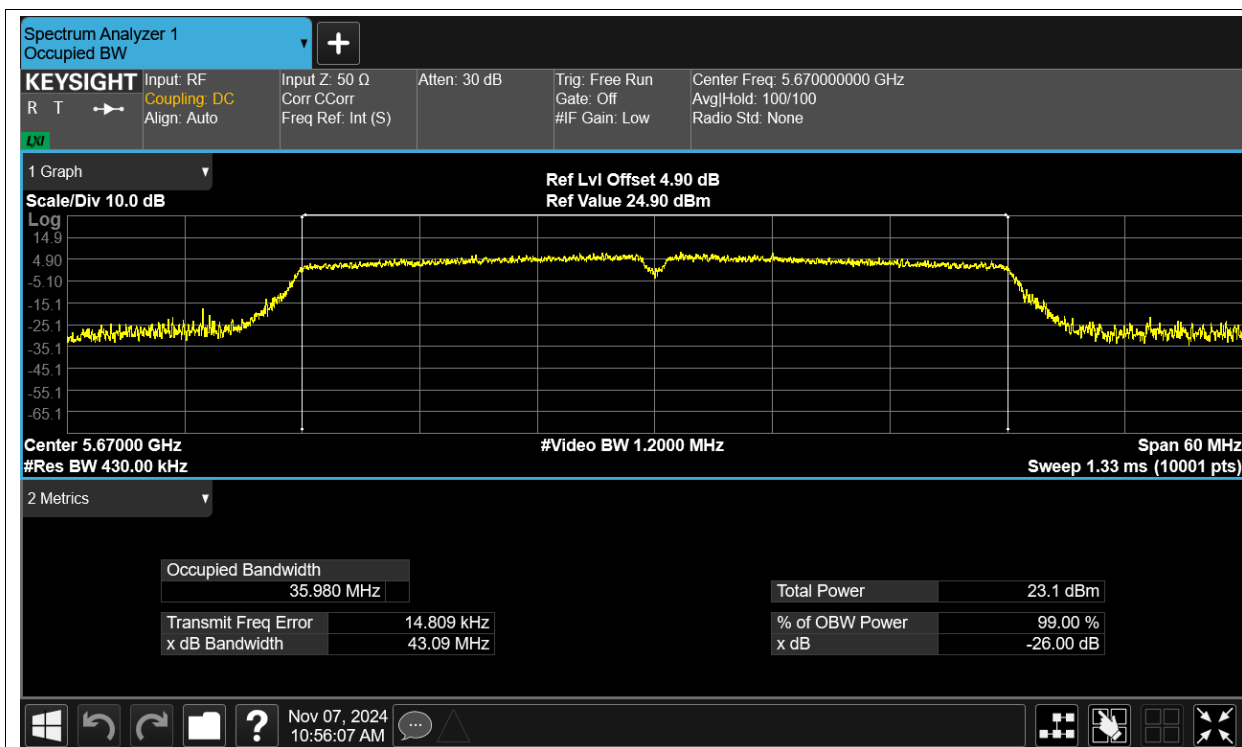
OBW NVNT ac40 5510MHz Ant13



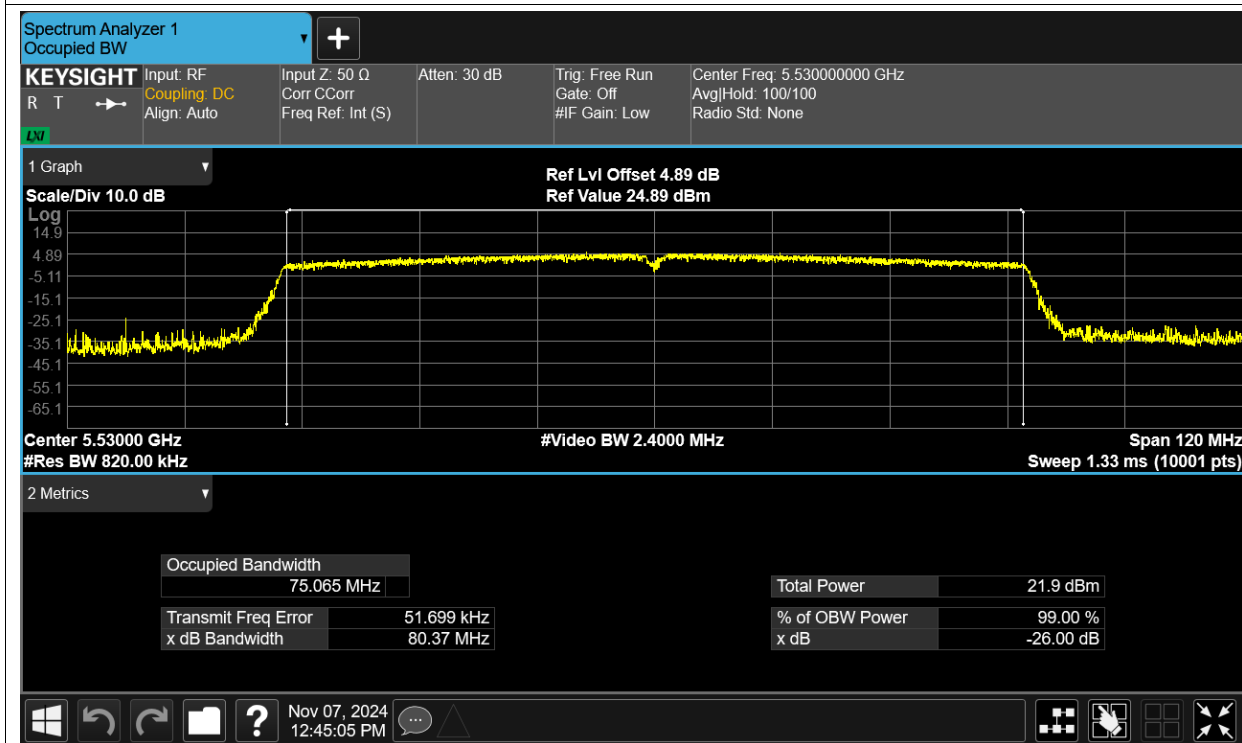
OBW NVNT ac40 5590MHz Ant13



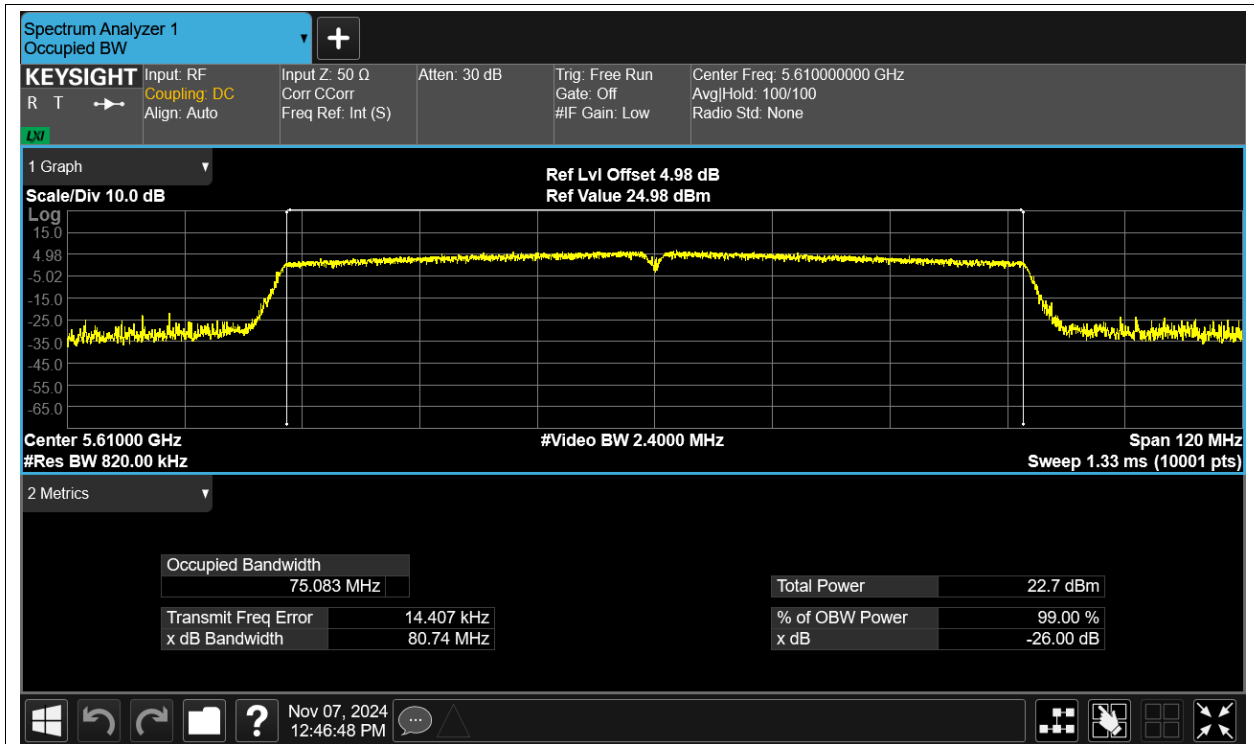
OBW NVNT ac40 5670MHz Ant13



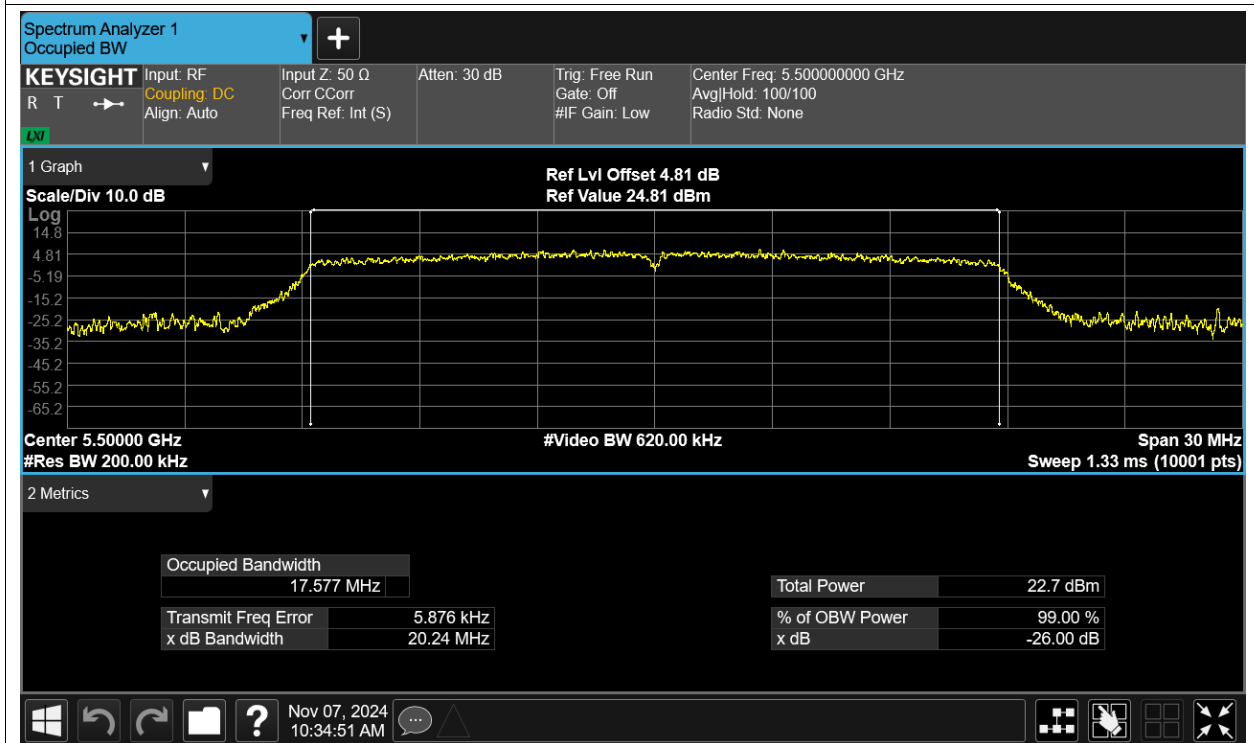
OBW NVNT ac80 5530MHz Ant13



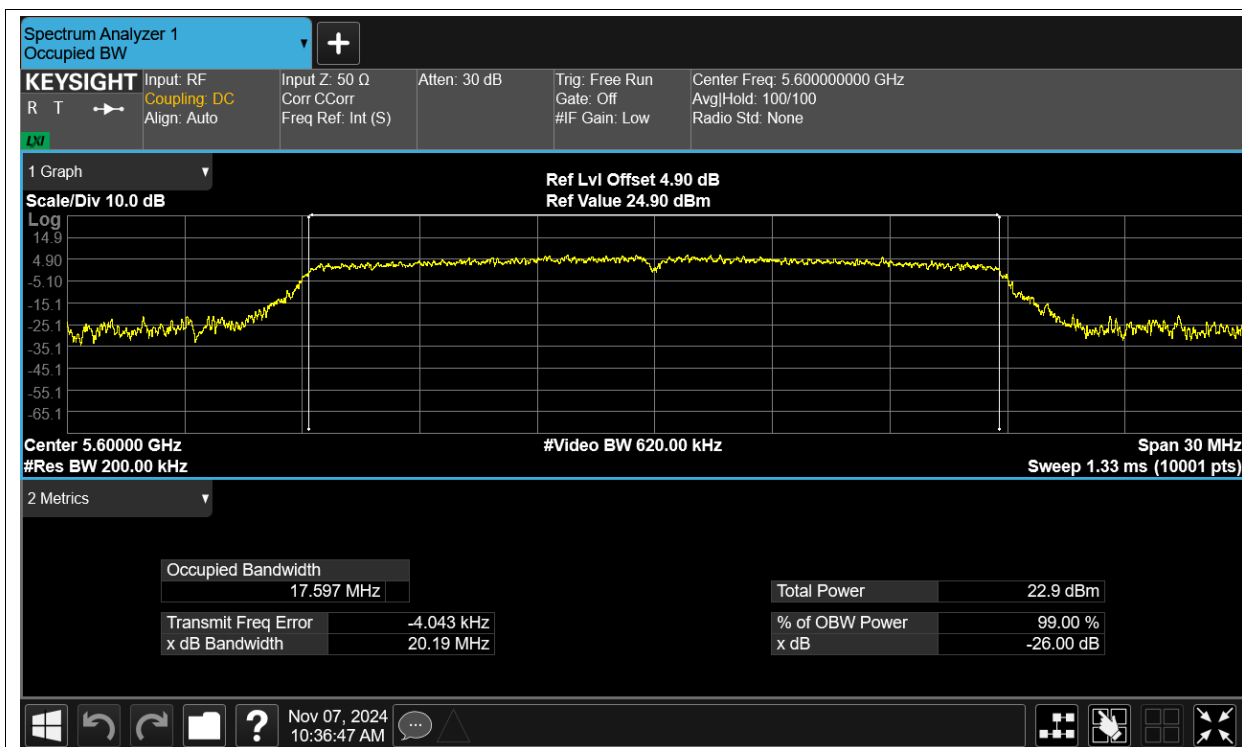
OBW NVNT ac80 5610MHz Ant13



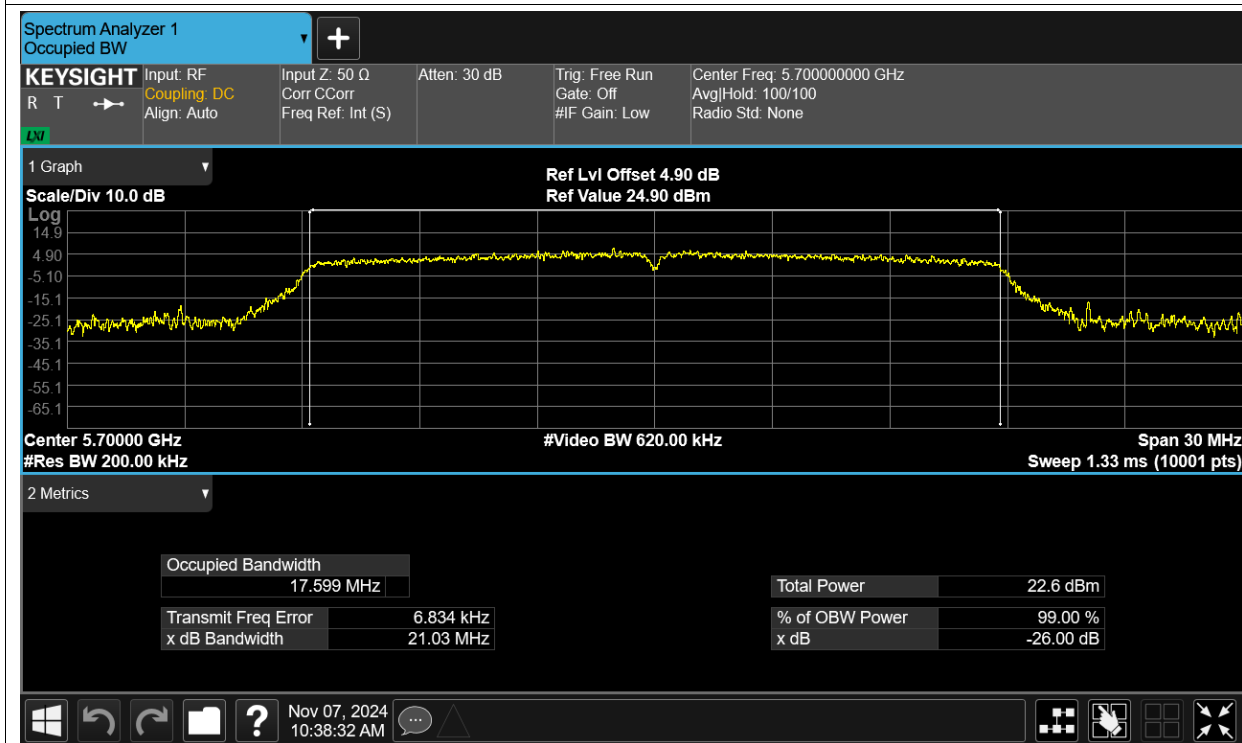
OBW NVNT n20 5500MHz Ant13



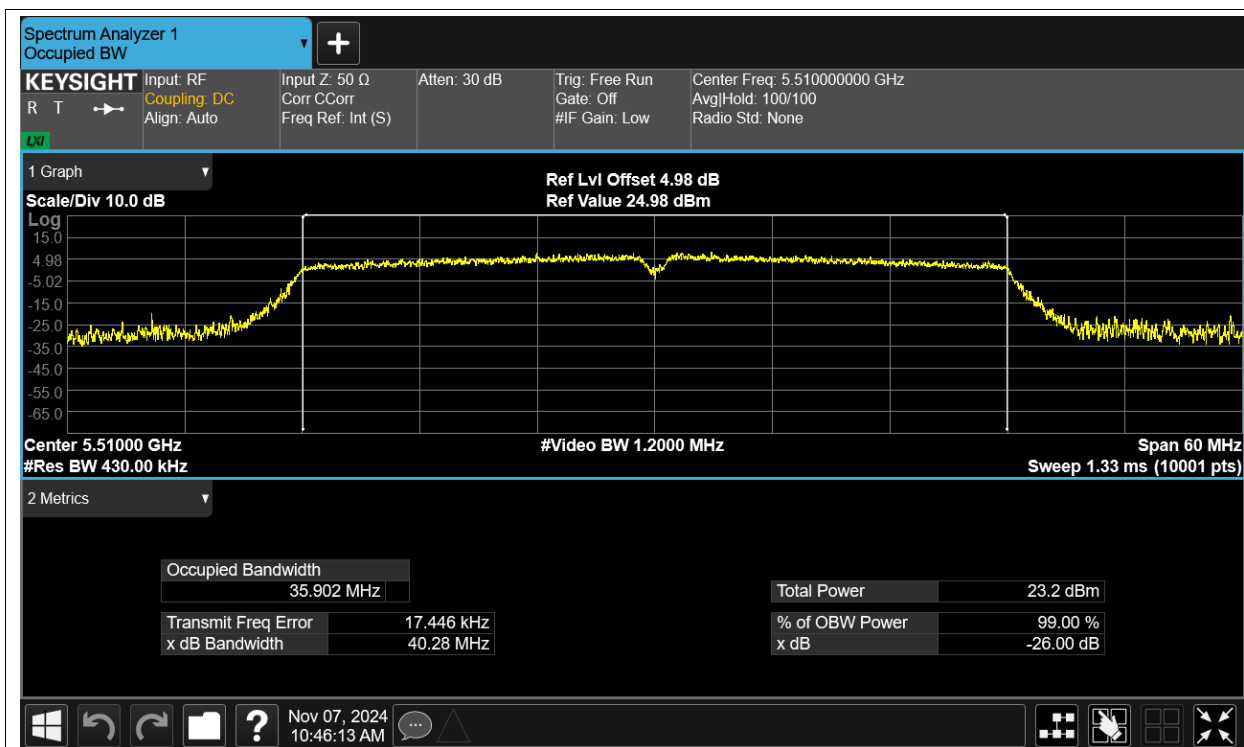
OBW NVNT n20 5600MHz Ant13



OBW NVNT n20 5700MHz Ant13



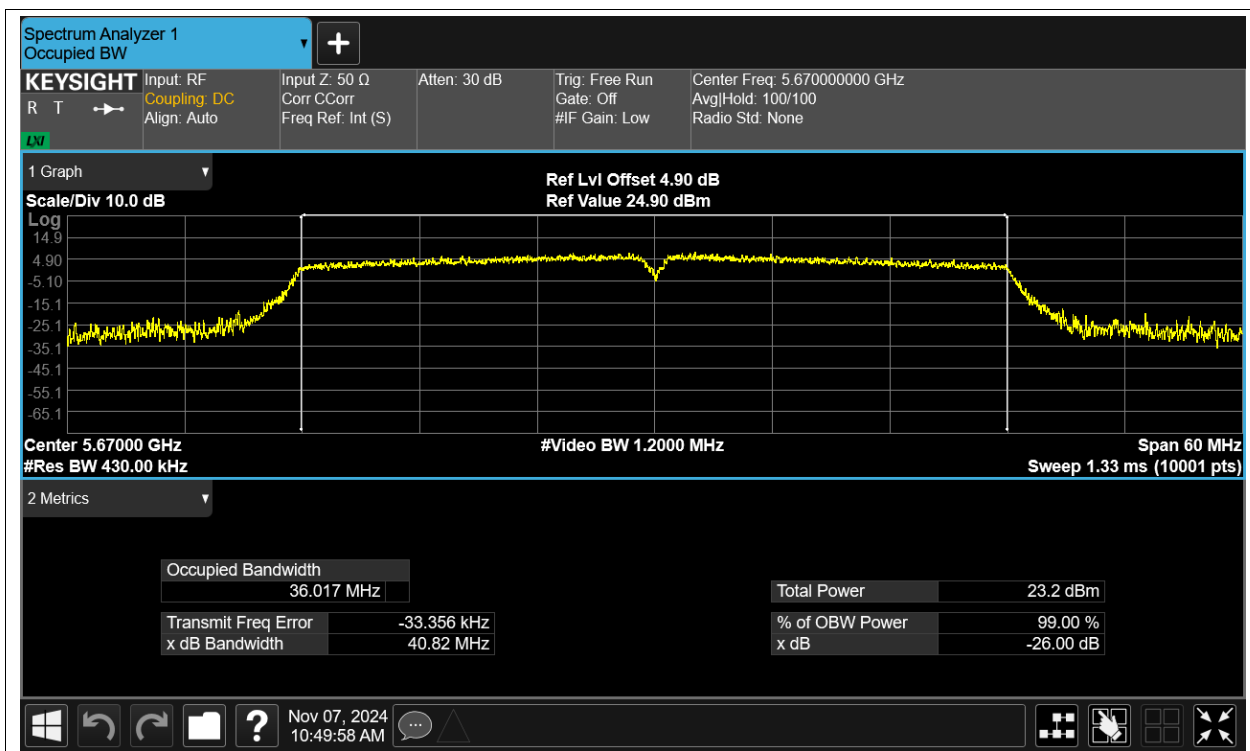
OBW NVNT n40 5510MHz Ant13



OBW NVNT n40 5590MHz Ant13



OBW NVNT n40 5670MHz Ant13

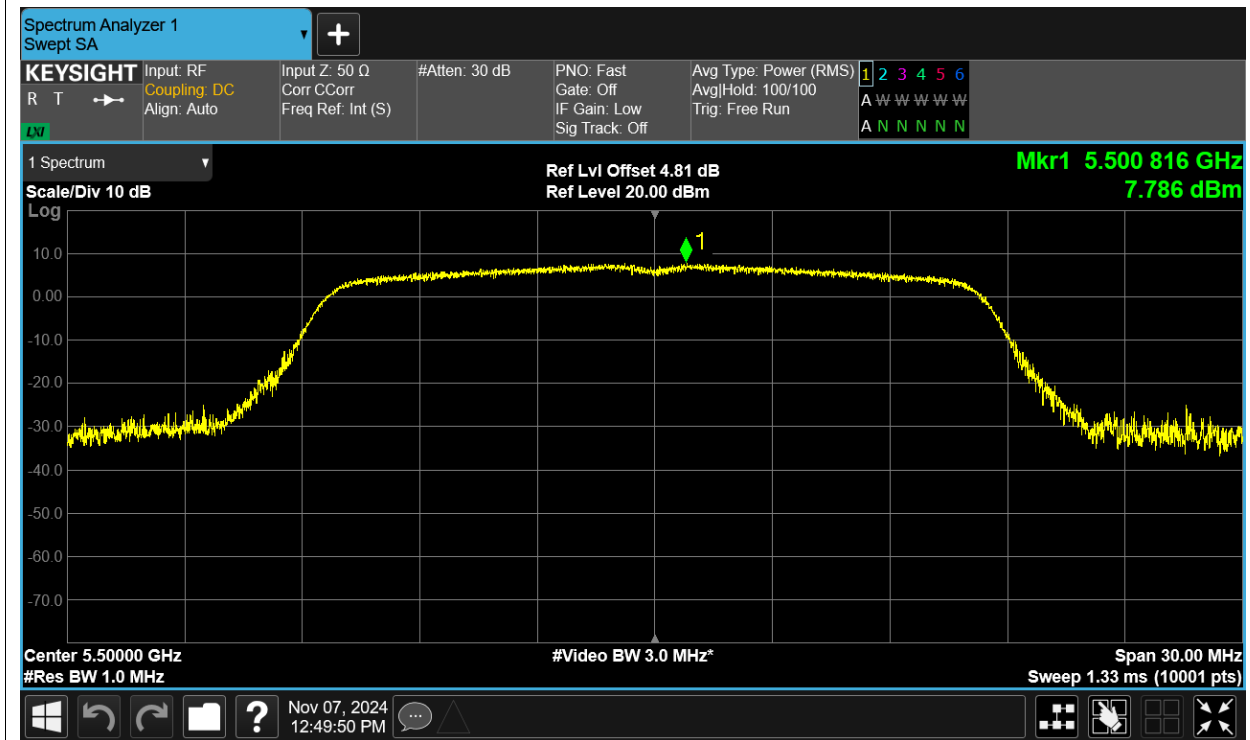


Maximum Power Spectral Density Level

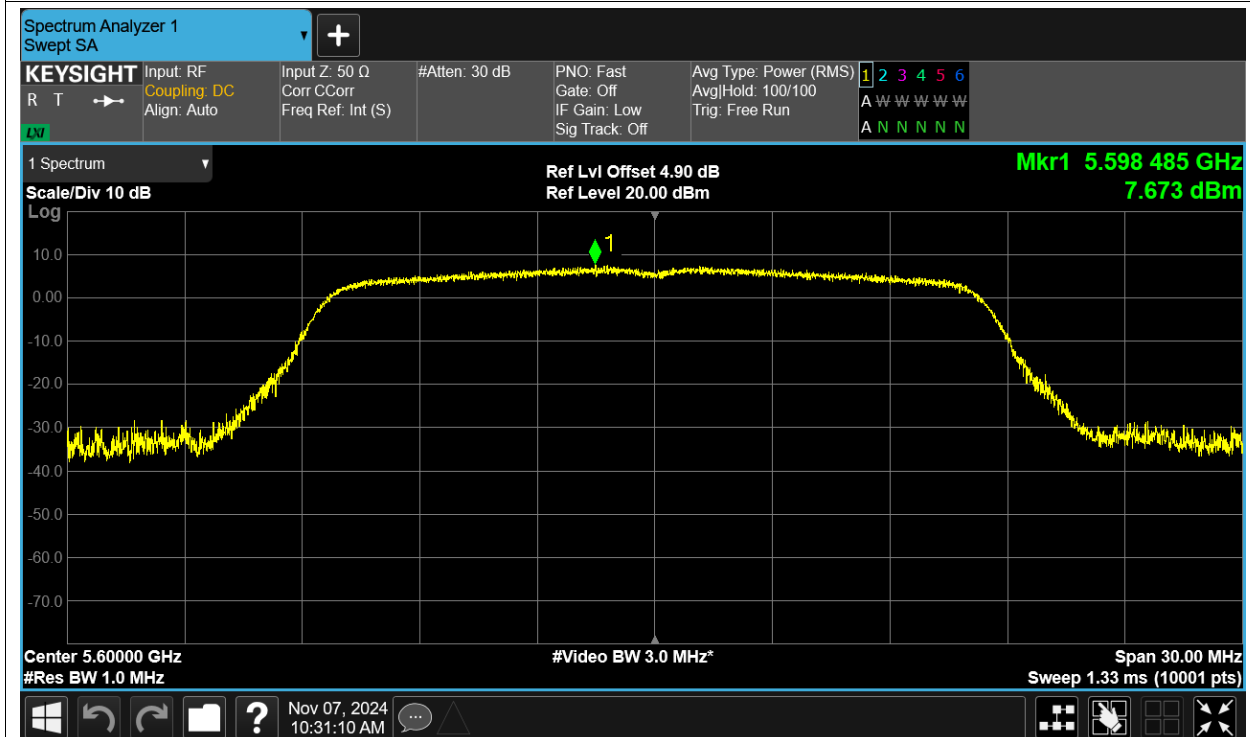
Condition	Mode	Frequency (MHz)	Antenna	Max PSD (dBm)	Limit (dBm)	Verdict
NVNT	a	5500	Ant13	7.786	11	Pass
NVNT	a	5600	Ant13	7.673	11	Pass
NVNT	a	5700	Ant13	8	11	Pass
NVNT	ac20	5500	Ant13	7.308	11	Pass
NVNT	ac20	5600	Ant13	7.527	11	Pass
NVNT	ac20	5700	Ant13	7.381	11	Pass
NVNT	ac40	5510	Ant13	4.928	11	Pass
NVNT	ac40	5590	Ant13	5.309	11	Pass
NVNT	ac40	5670	Ant13	4.804	11	Pass
NVNT	ac80	5530	Ant13	-0.174	11	Pass
NVNT	ac80	5610	Ant13	0.383	11	Pass
NVNT	n20	5500	Ant13	7.327	11	Pass
NVNT	n20	5600	Ant13	7.618	11	Pass
NVNT	n20	5700	Ant13	7.512	11	Pass
NVNT	n40	5510	Ant13	5.356	11	Pass
NVNT	n40	5590	Ant13	5.095	11	Pass
NVNT	n40	5670	Ant13	4.977	11	Pass

Test Graphs

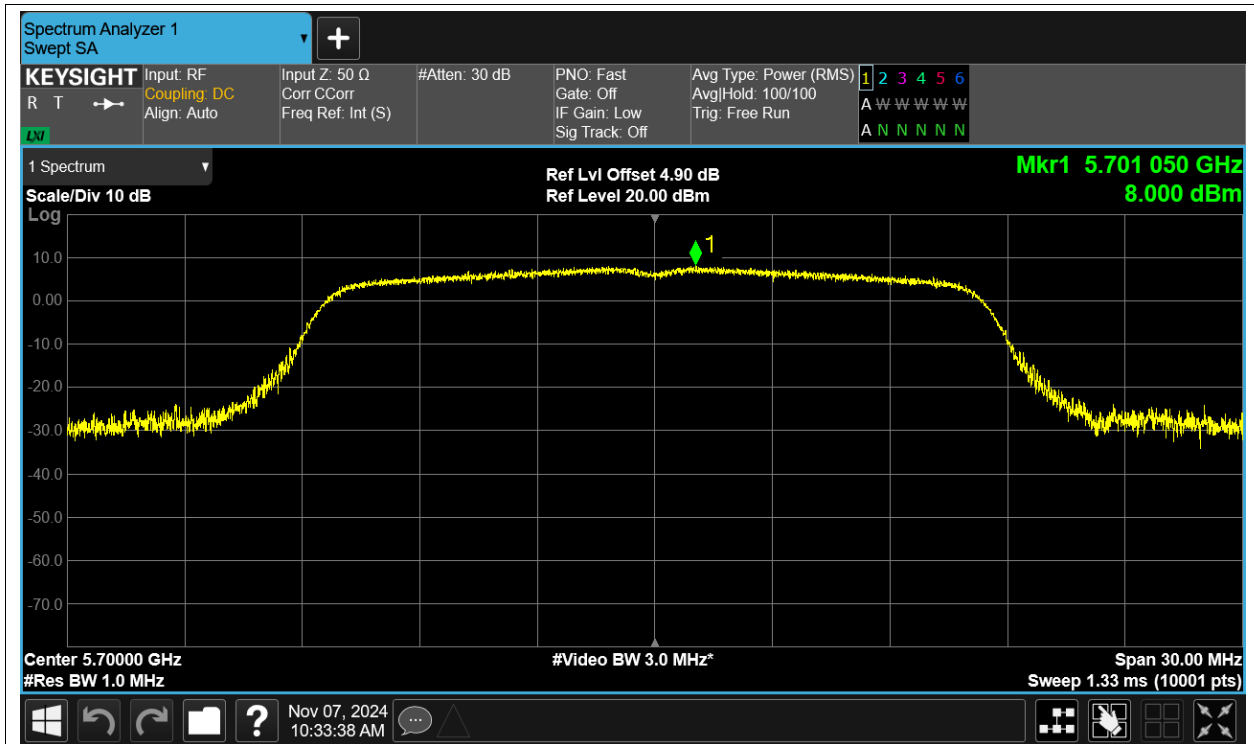
PSD NVNT a 5500MHz Ant13



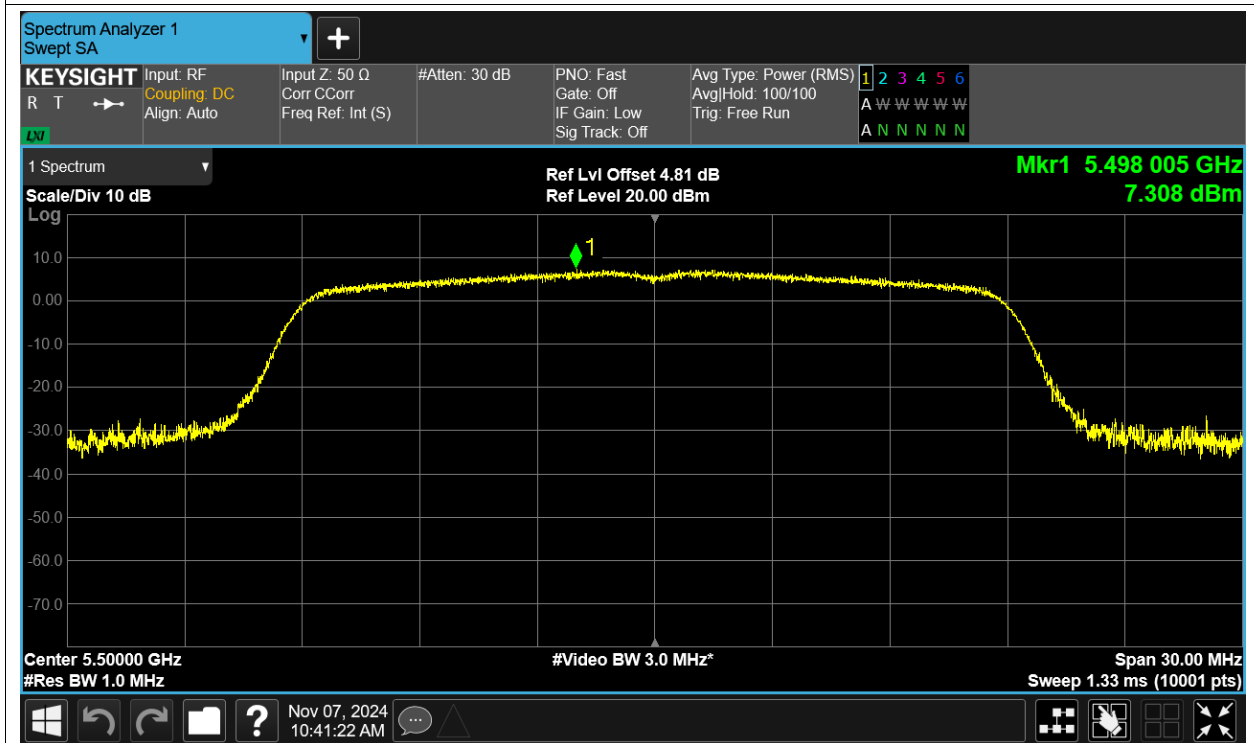
PSD NVNT a 5600MHz Ant13



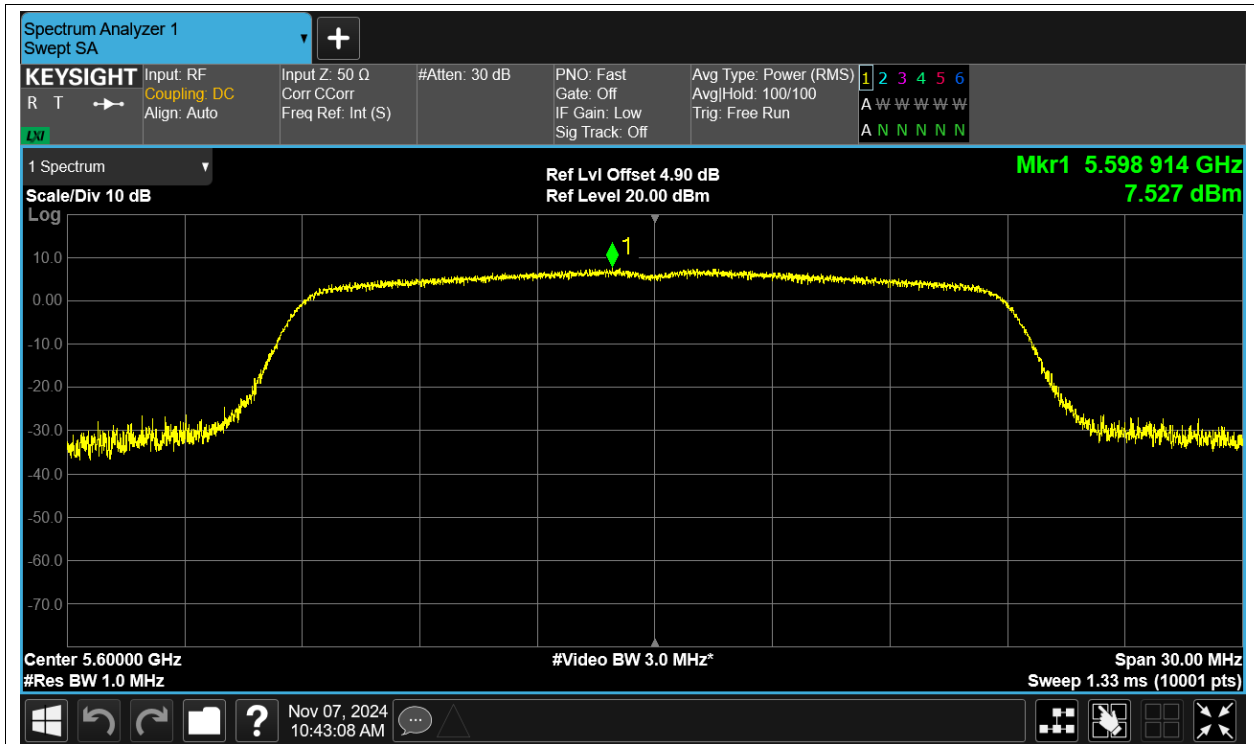
PSD NVNT a 5700MHz Ant13



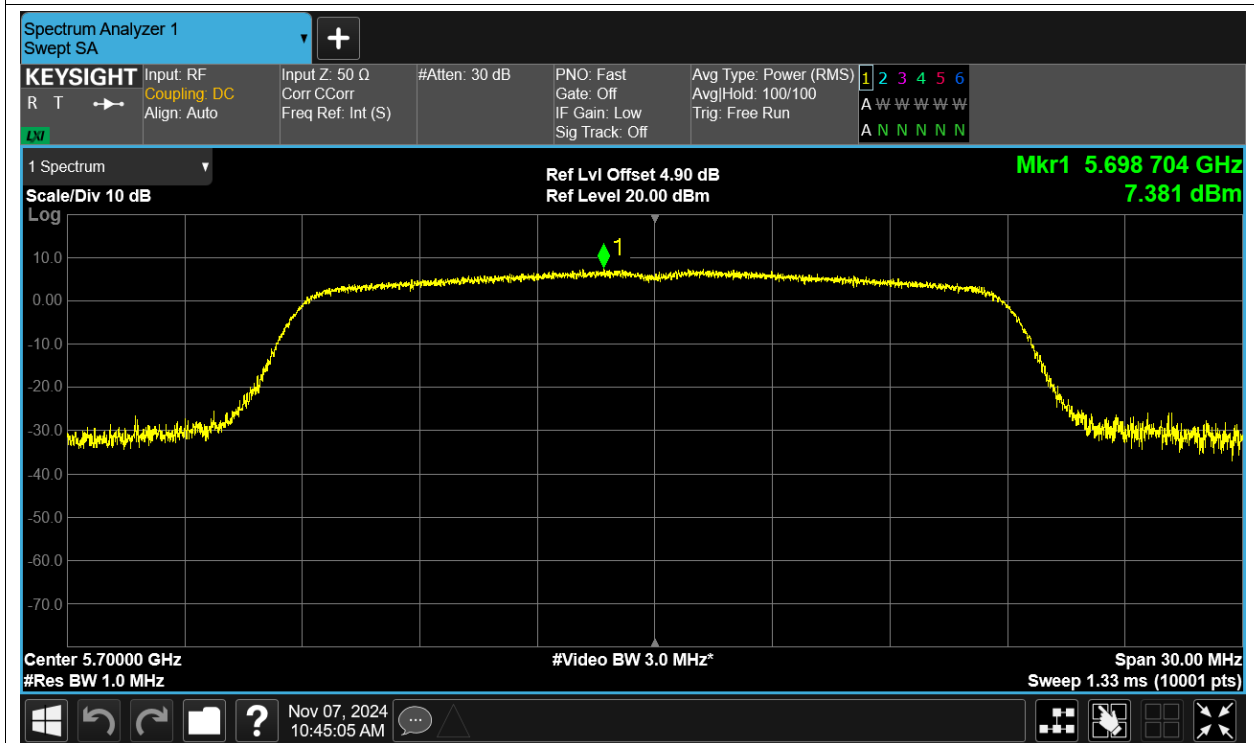
PSD NVNT ac20 5500MHz Ant13



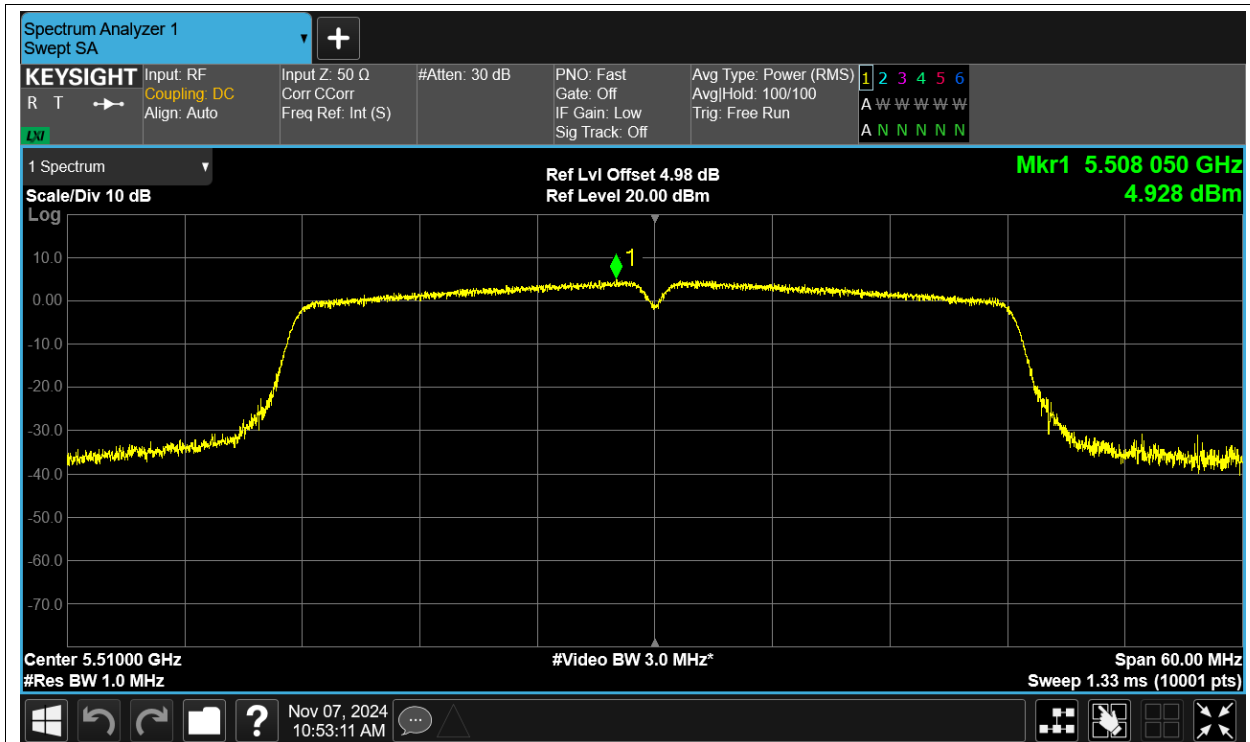
PSD NVNT ac20 5600MHz Ant13



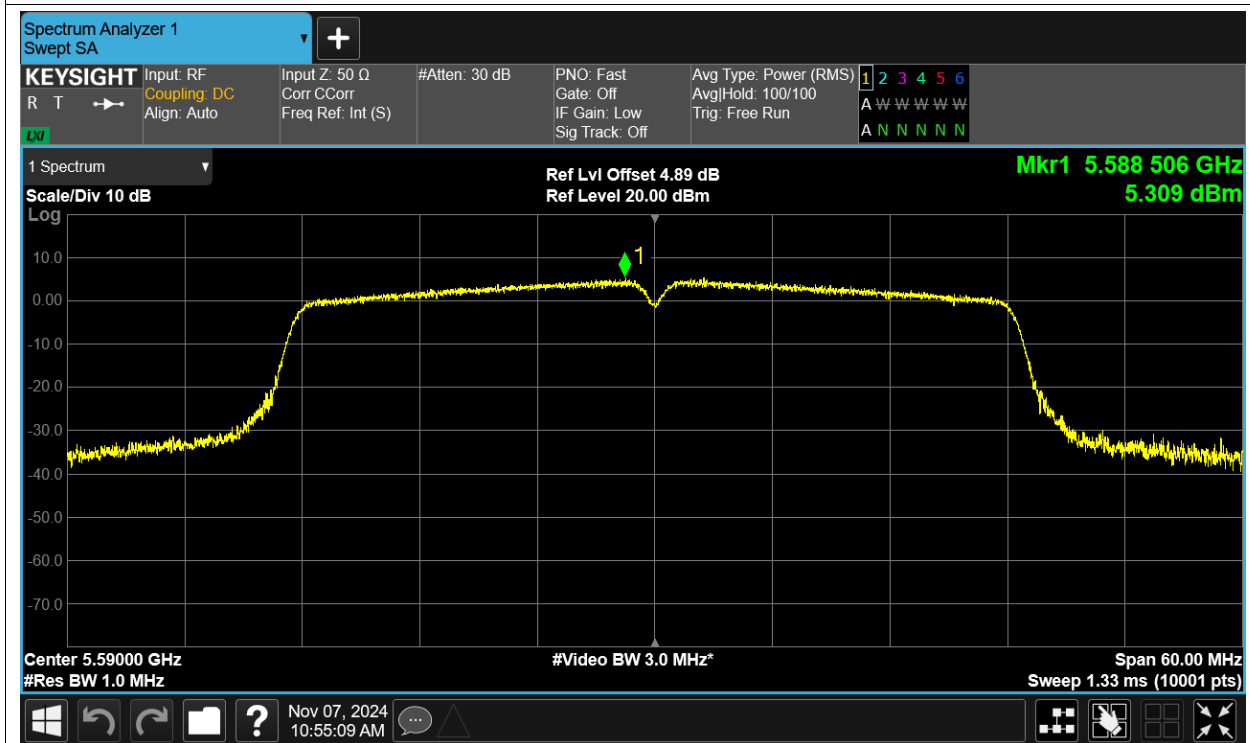
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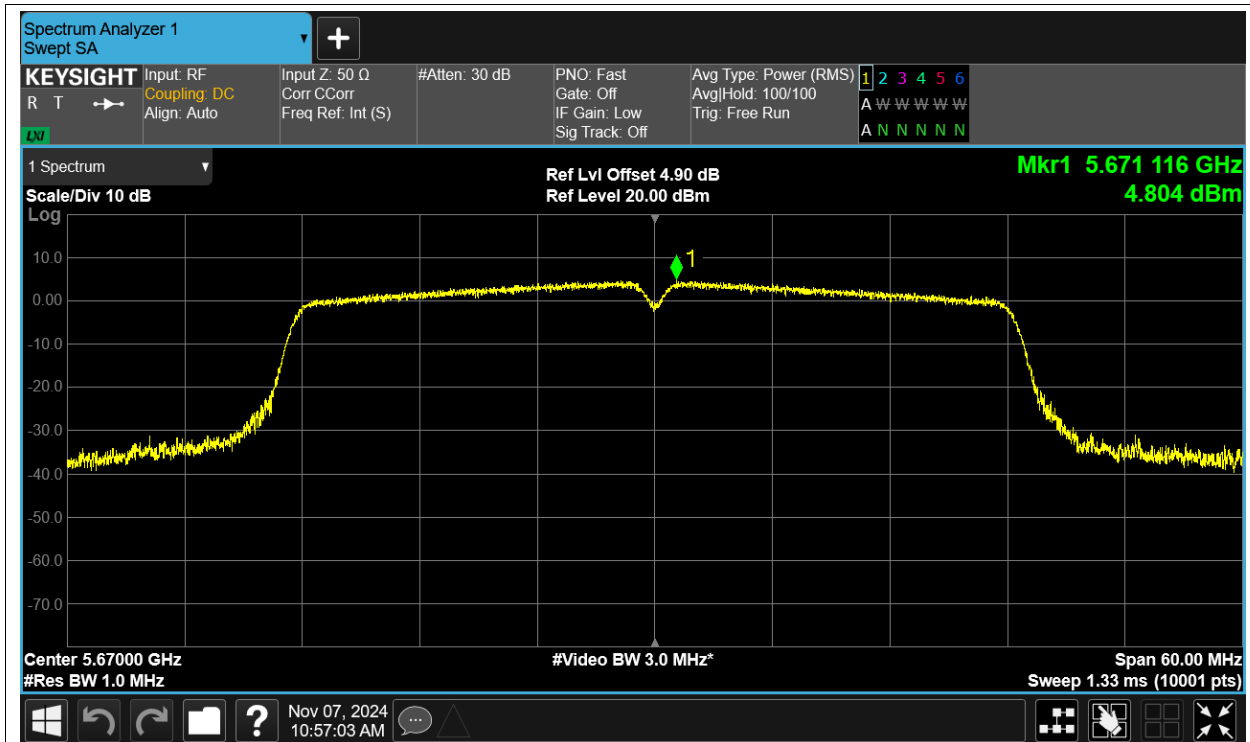
PSD NVNT ac40 5510MHz Ant13



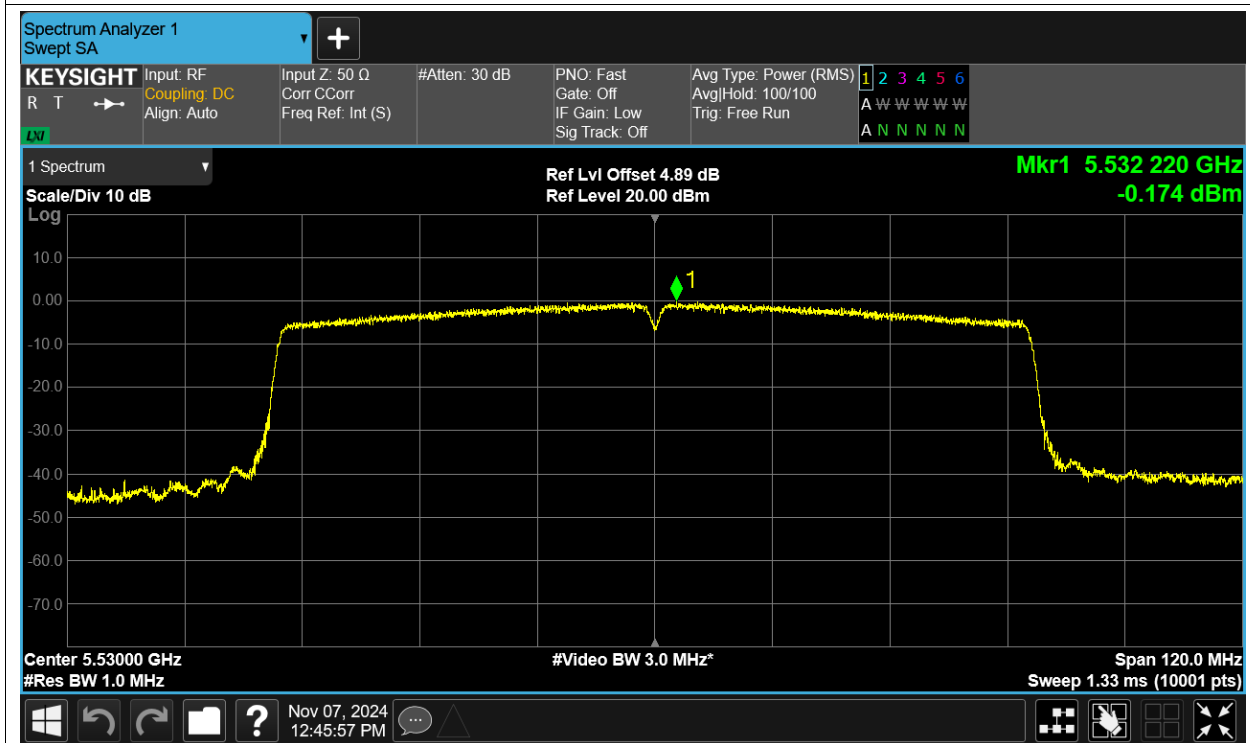
PSD NVNT ac40 5590MHz Ant13



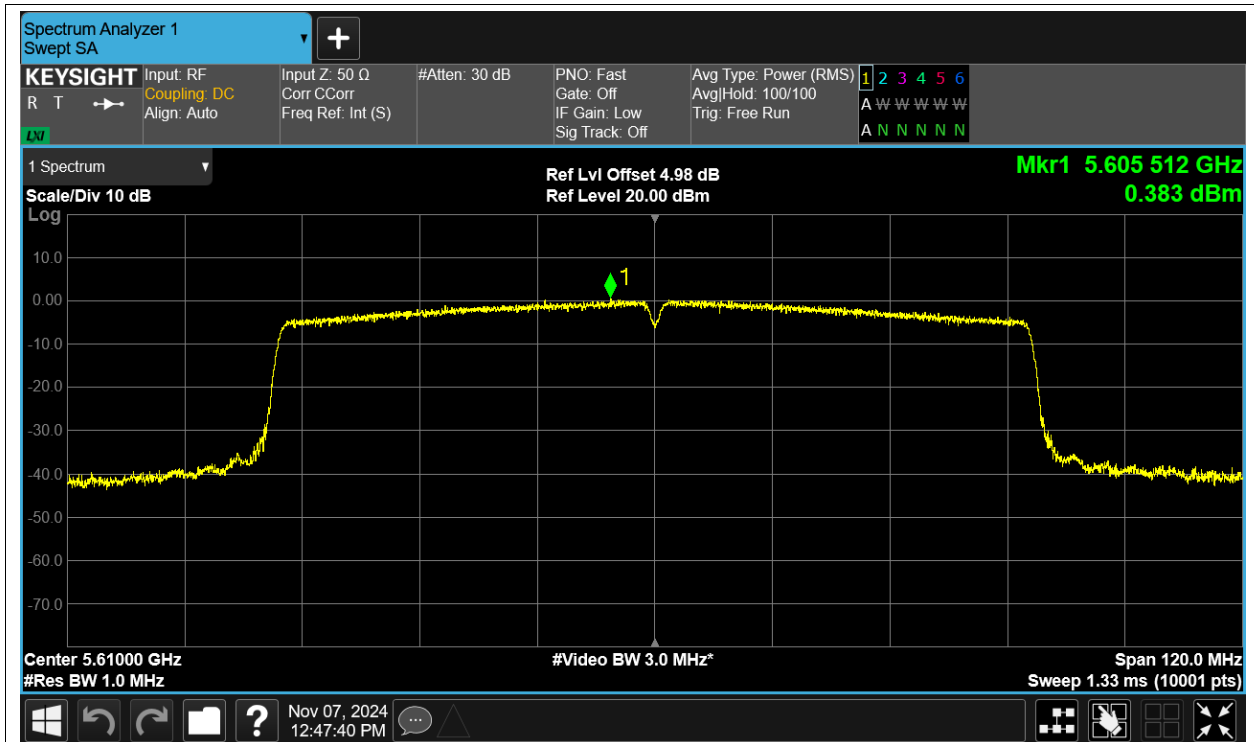
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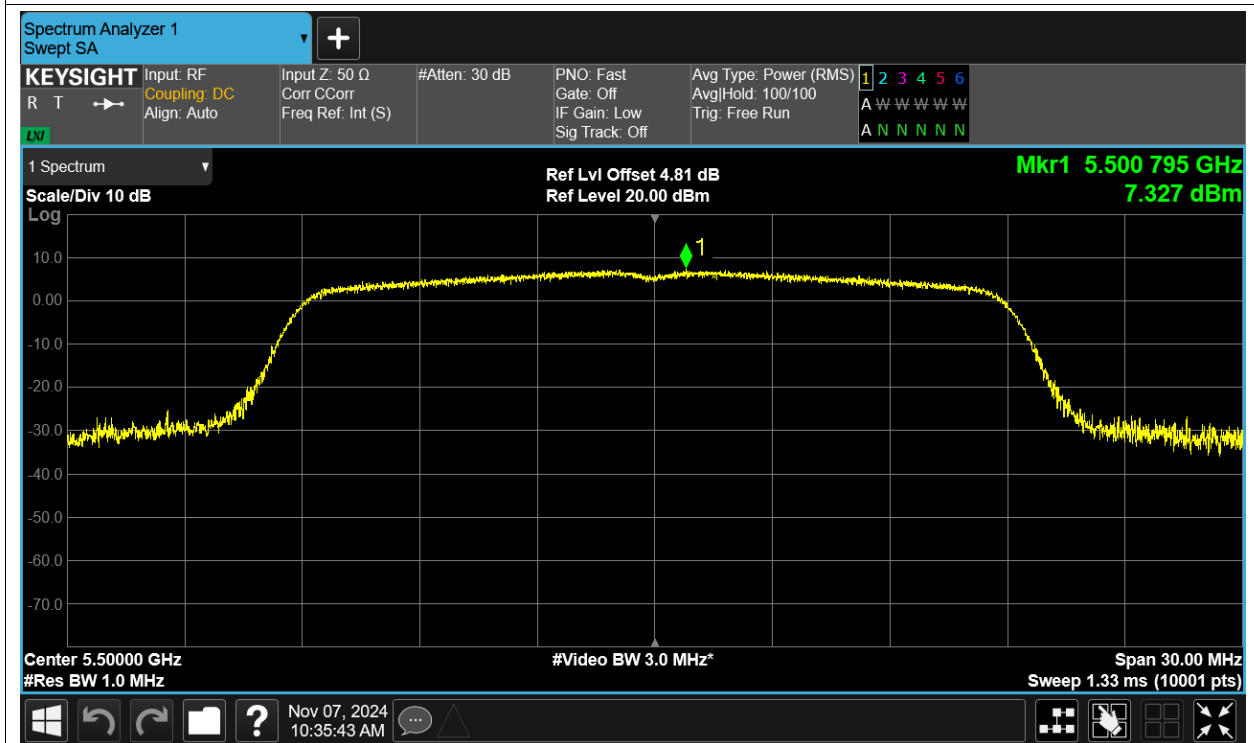
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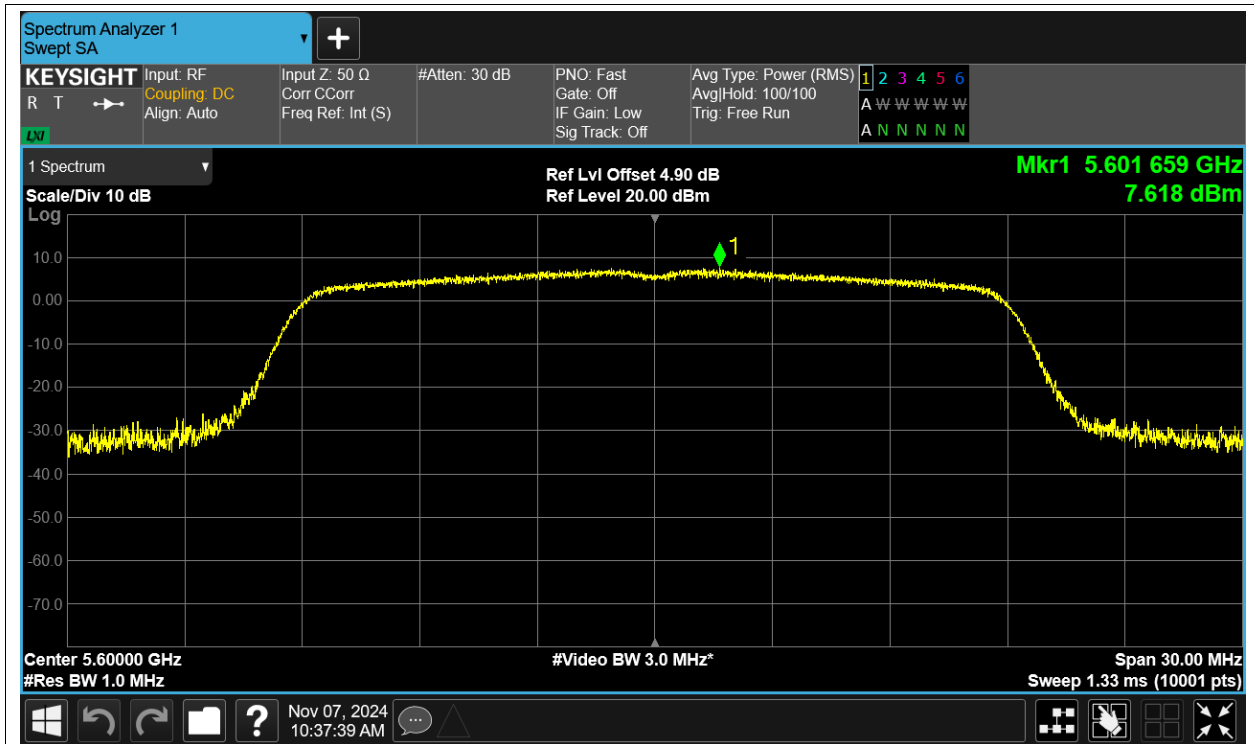
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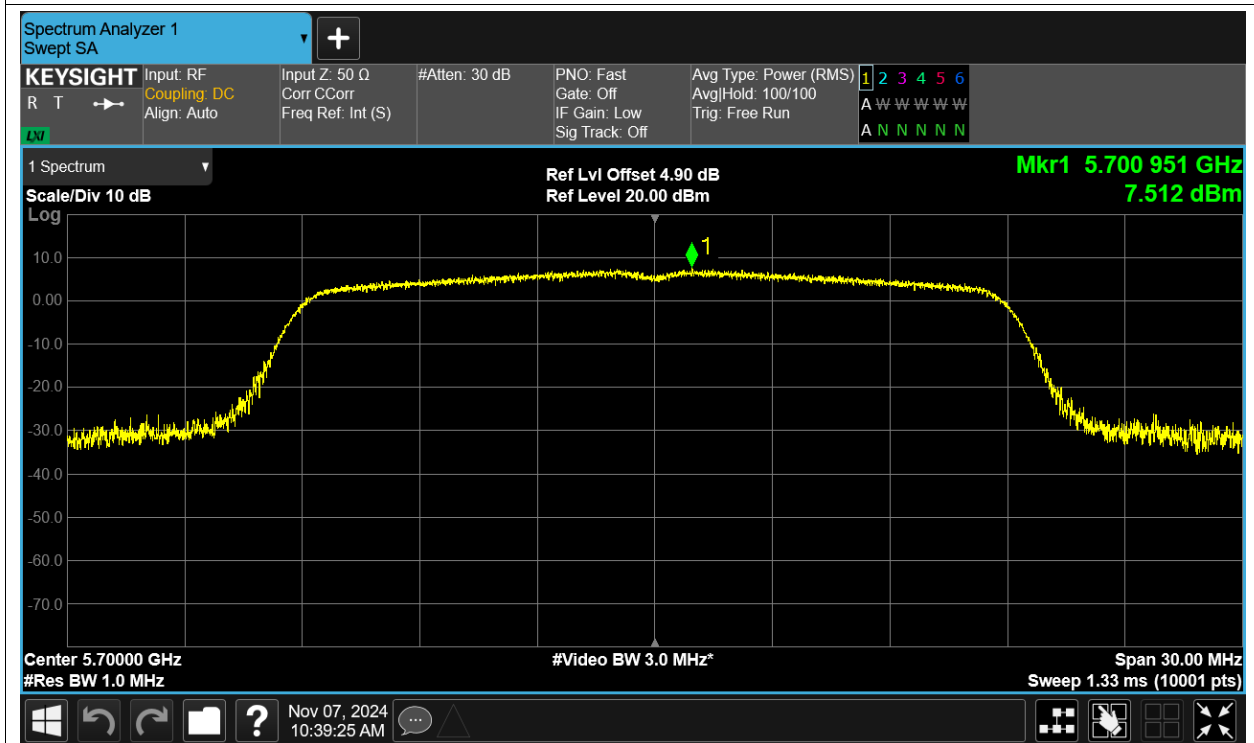
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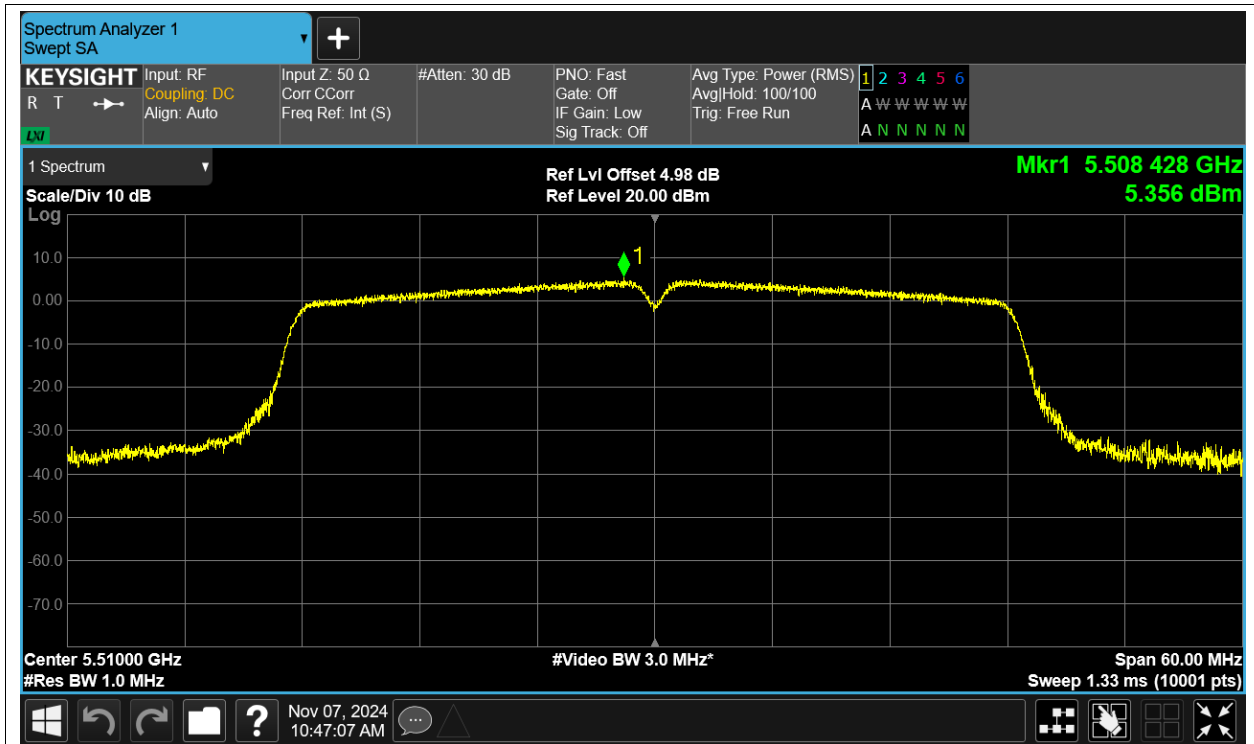
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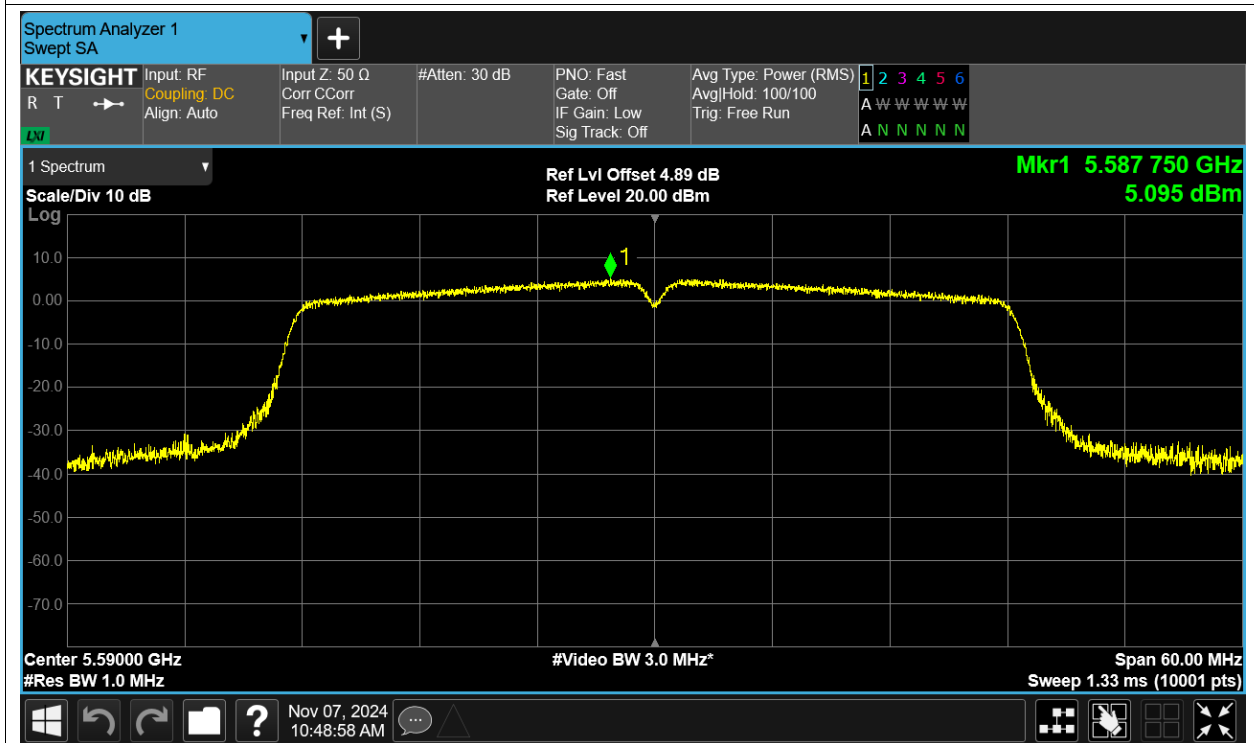
PSD NVNT n20 5700MHz Ant13



PSD NVNT n40 5510MHz Ant13



PSD NVNT n40 5590MHz Ant13



PSD NVNT n40 5670MHz Ant13

