

Test Data

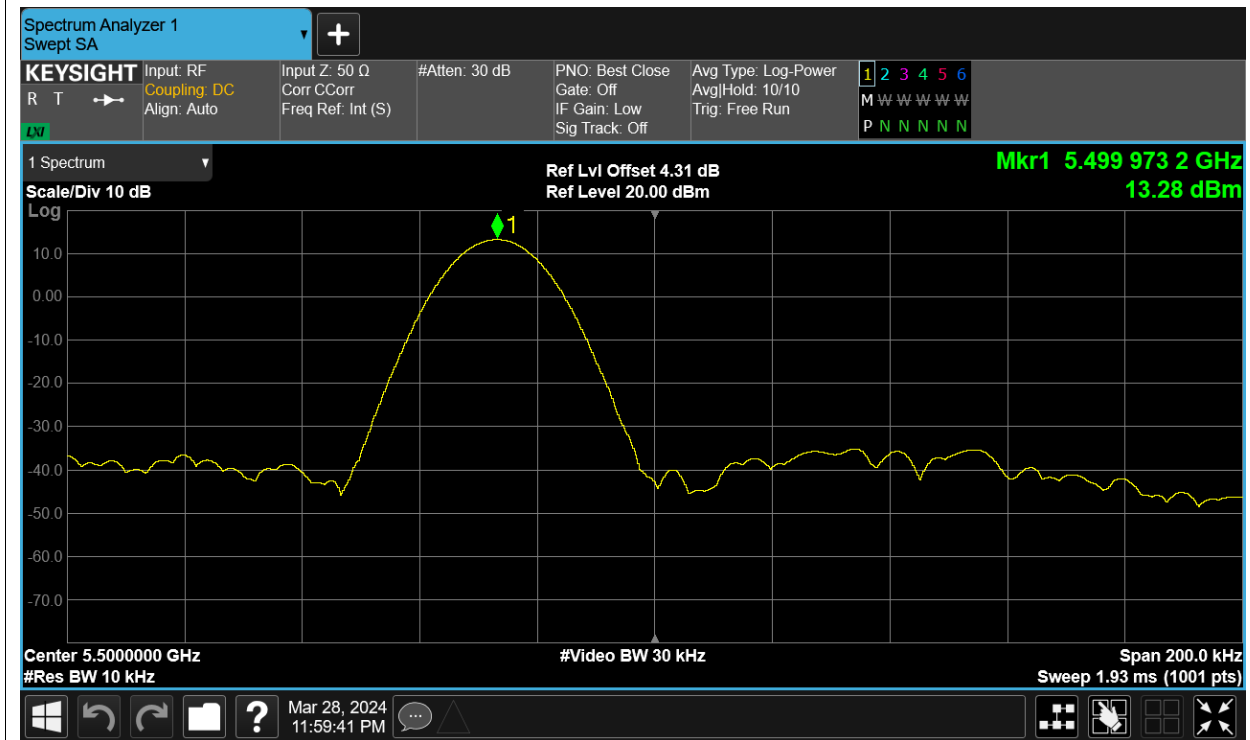
Frequency Stability

Condition	Mode	Frequency (MHz)	Antenna	Measured Frequency (MHz)	Deviation (ppm)	Limit (ppm)	Verdict
HVNT	a	5500	Ant12	5499.9732	-4.87	Within authorized band	Pass
HVNT	a	5500	Ant4	5499.9726	-4.98		Pass
LVNT	a	5500	Ant12	5499.9732	-4.87		Pass
LVNT	a	5500	Ant4	5499.9728	-4.95		Pass
NVHT	a	5500	Ant12	5499.9732	-4.87		Pass
NVHT	a	5500	Ant4	5499.973	-4.91		Pass
NVLT	a	5500	Ant12	5499.9734	-4.84		Pass
NVLT	a	5500	Ant4	5499.9734	-4.84		Pass
NVNT	a	5500	Ant12	5499.9732	-4.87		Pass
NVNT	a	5500	Ant4	5499.9736	-4.8		Pass
HVNT	ac80	5530	Sum	5529.973	-4.88		Pass
LVNT	ac80	5530	Sum	5529.973	-4.88		Pass
NVHT	ac80	5530	Sum	5529.9732	-4.85		Pass
NVLT	ac80	5530	Sum	5529.9736	-4.77		Pass
NVNT	ac80	5530	Sum	5529.9738	-4.74		Pass
HVNT	n40	5510	Sum	5509.971	-5.26		Pass
LVNT	n40	5510	Sum	5509.972	-5.08		Pass
NVHT	n40	5510	Sum	5509.9736	-4.79		Pass
NVLT	n40	5510	Sum	5509.975	-4.54		Pass
NVNT	n40	5510	Sum	5509.976	-4.36		Pass

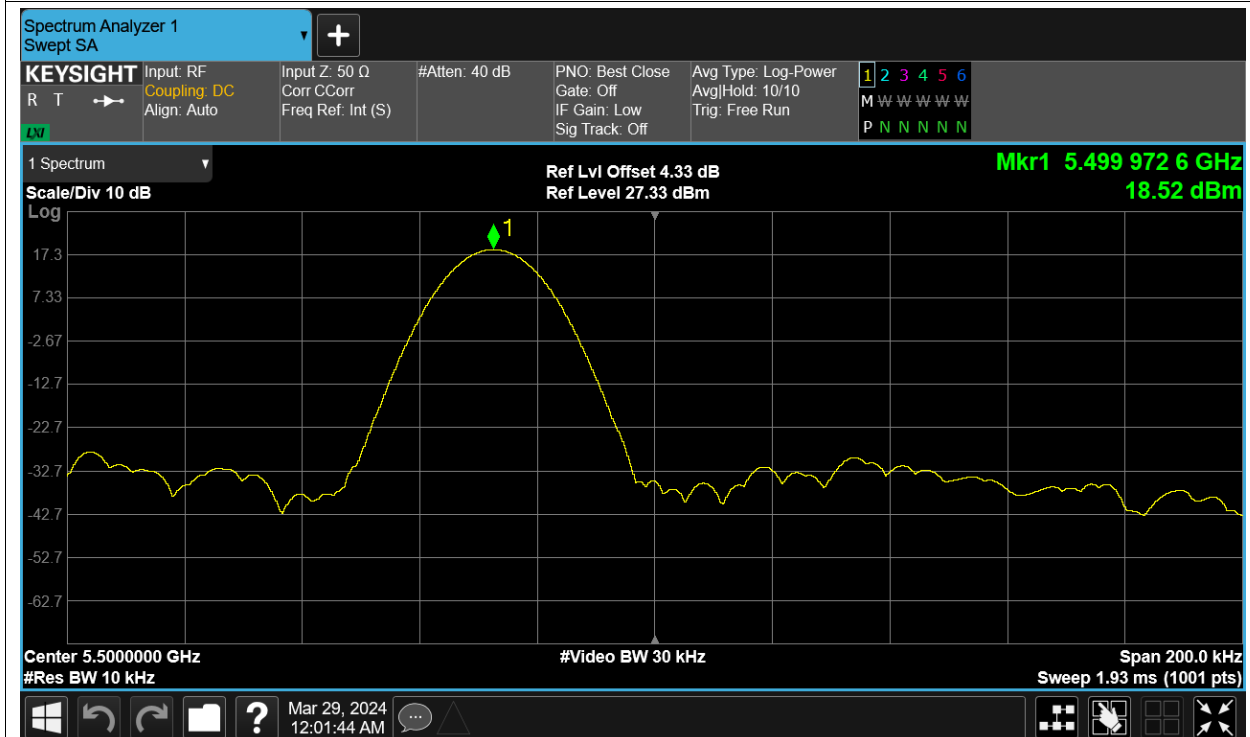
Remark: "NTNV" means Normal Temperature Normal Voltage, "NVHT" means Normal Voltage High Temperature, "NVLT" means Normal Voltage Low Temperature, "LVNT" means Low Voltage Normal Temperature, "HVNT" means High Voltage Normal Temperature.

Test Graphs

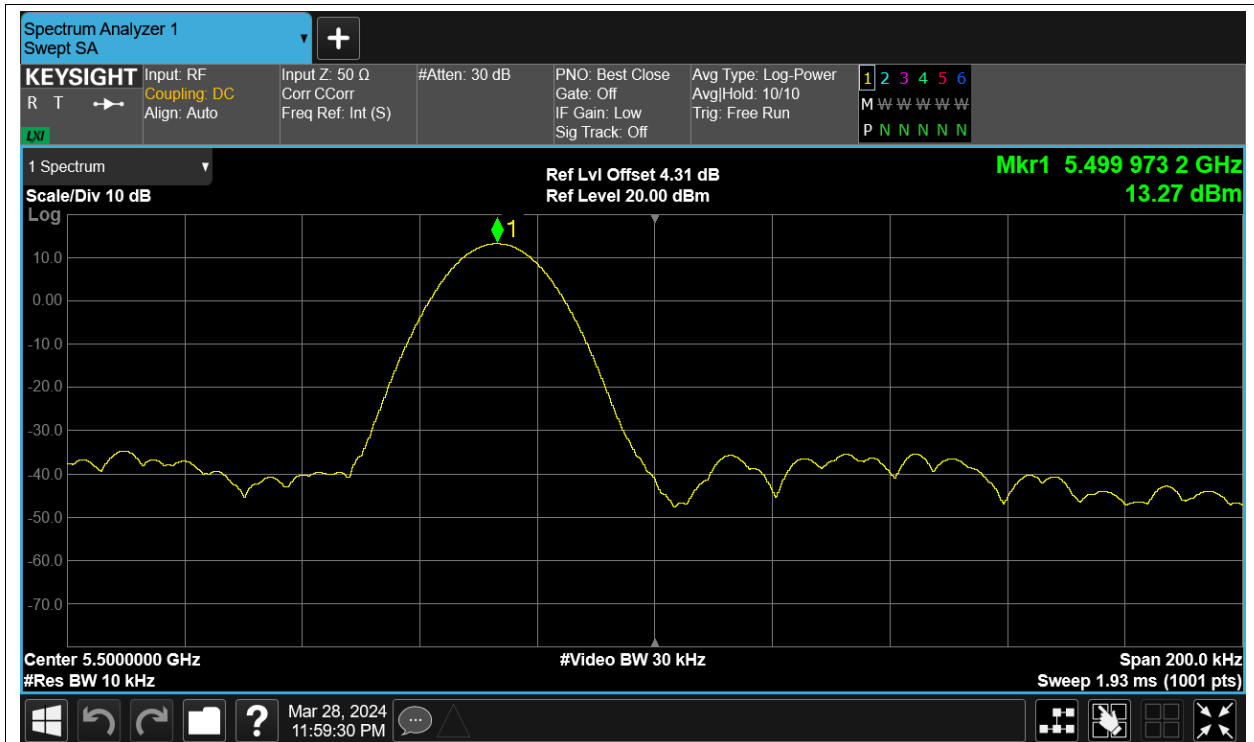
Freq. Stability HVNT a 5500MHz Ant12



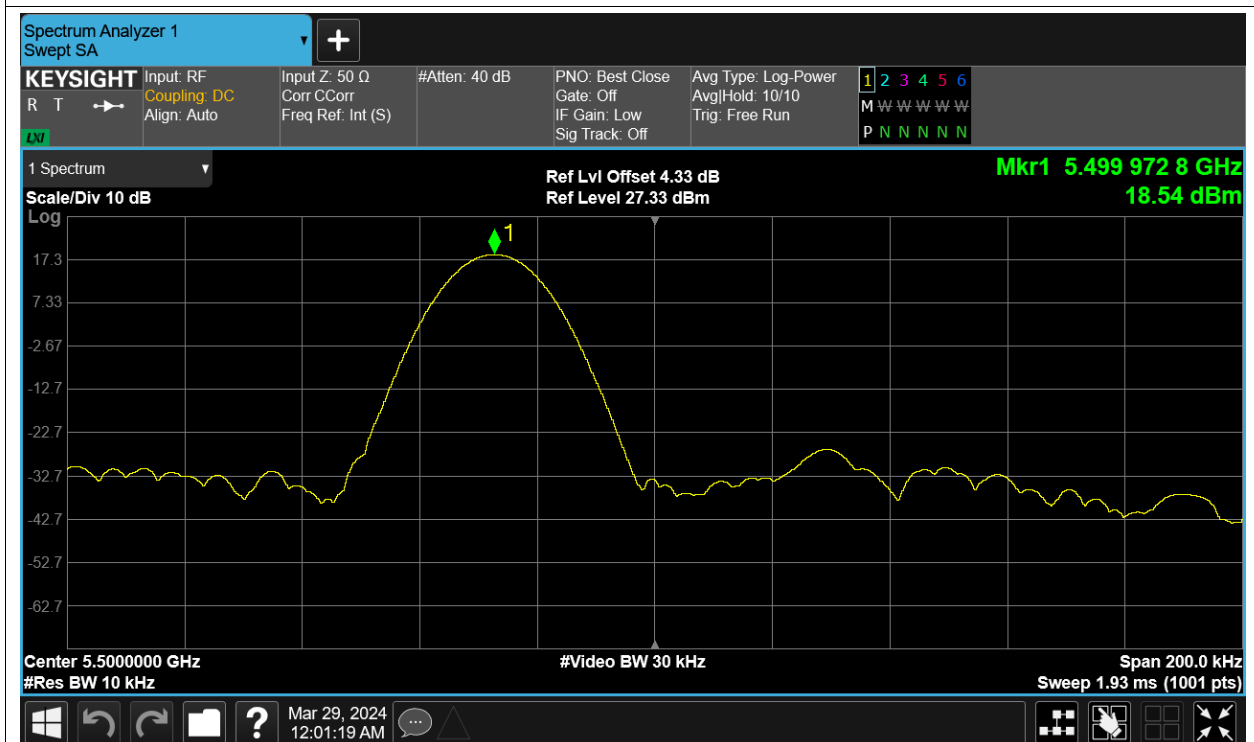
Freq. Stability HVNT a 5500MHz Ant4



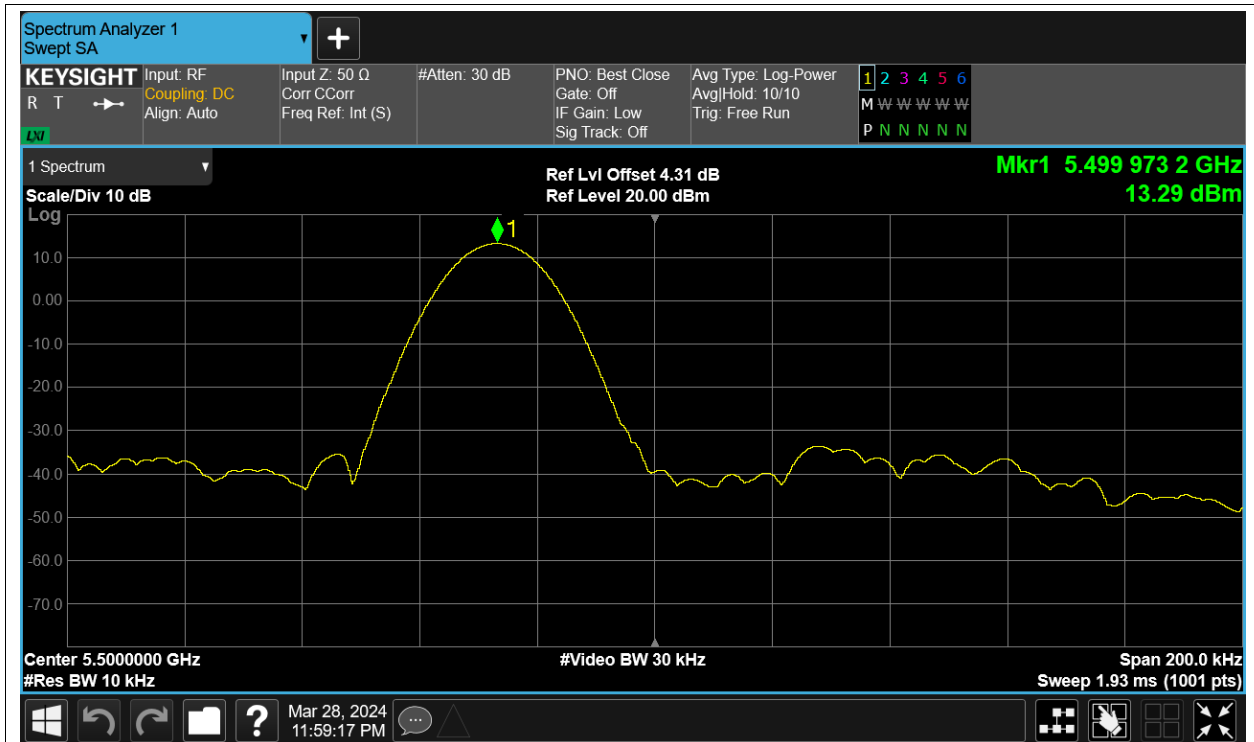
Freq. Stability LVNT a 5500MHz Ant12



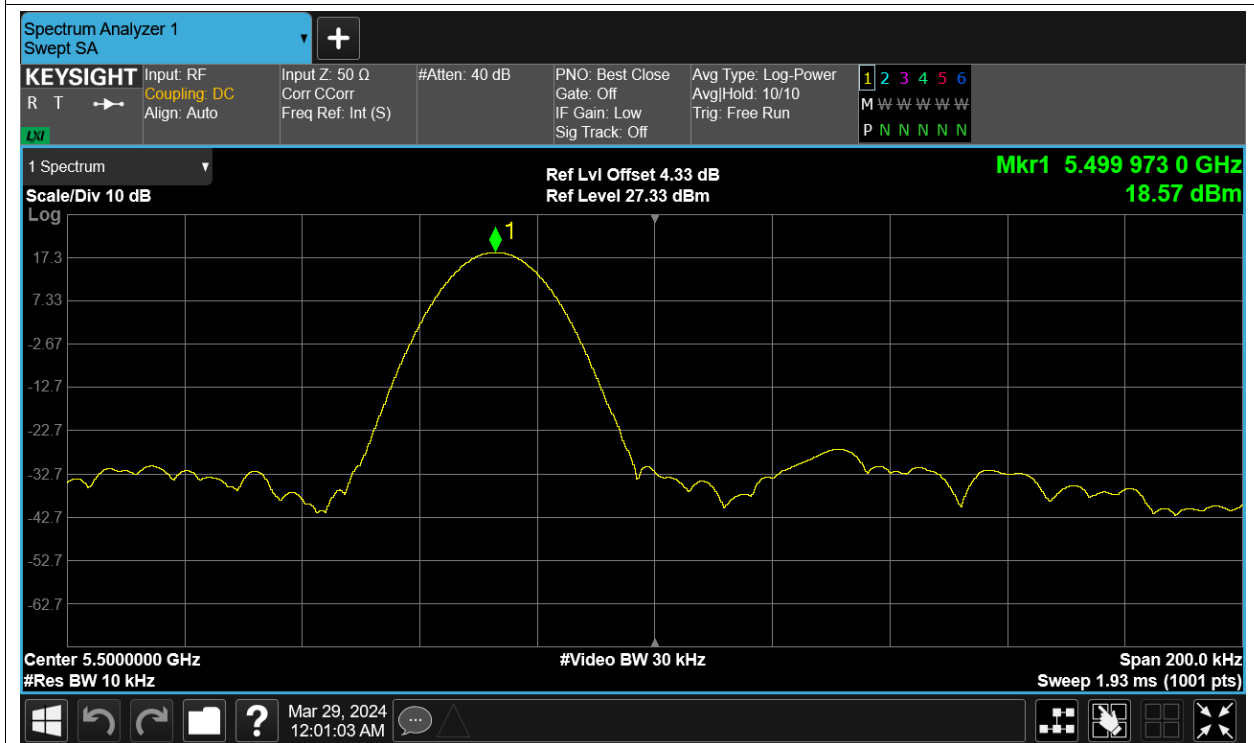
Freq. Stability LVNT a 5500MHz Ant4



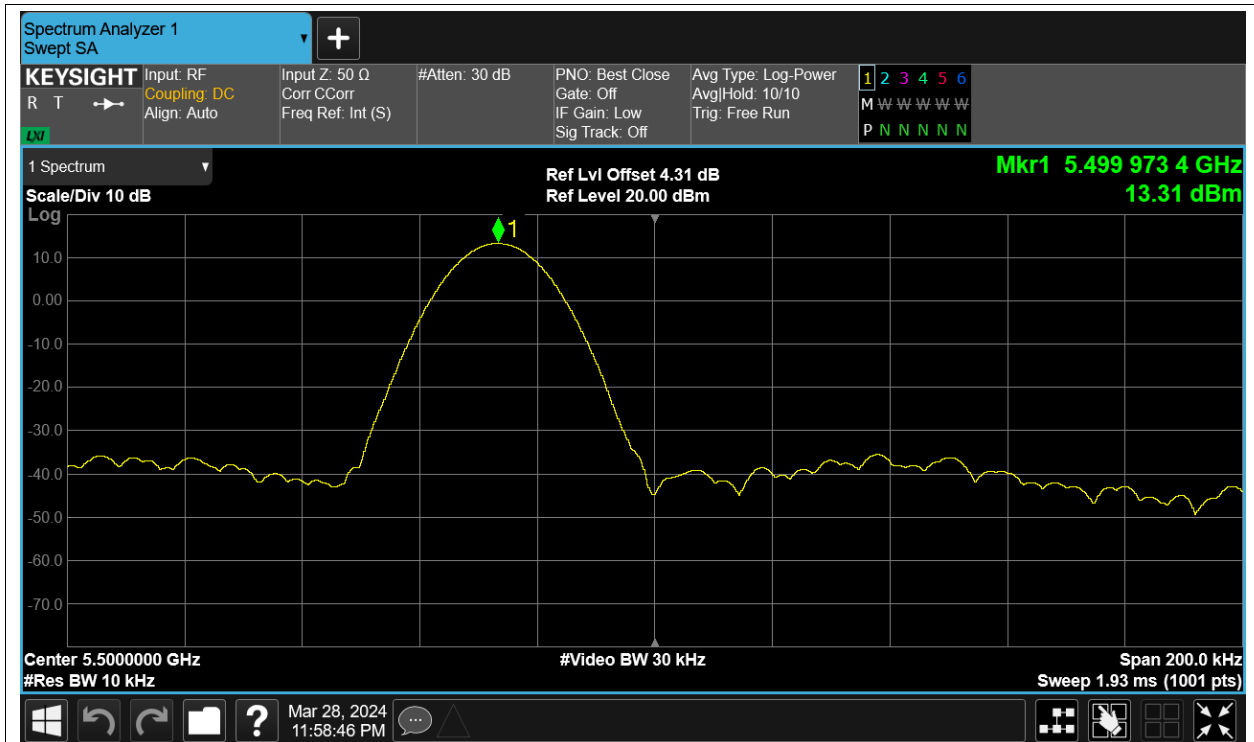
Freq. Stability NVHT a 5500MHz Ant12



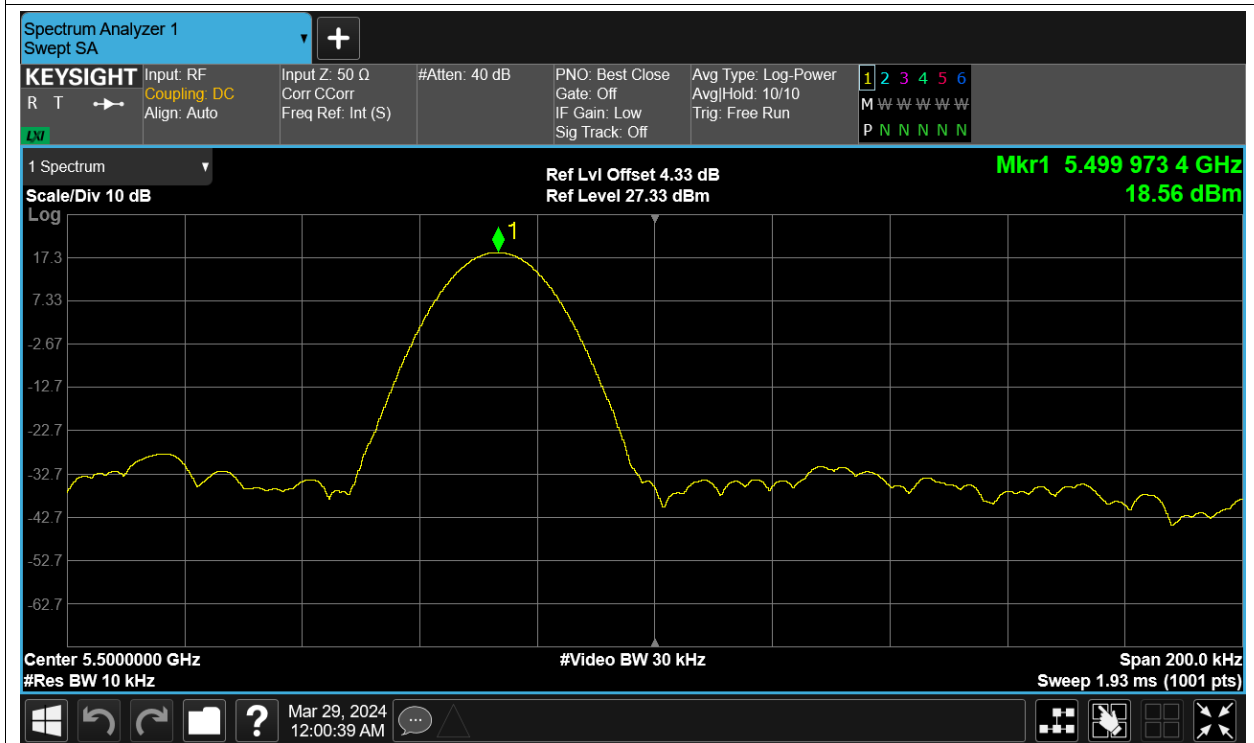
Freq. Stability NVHT a 5500MHz Ant4



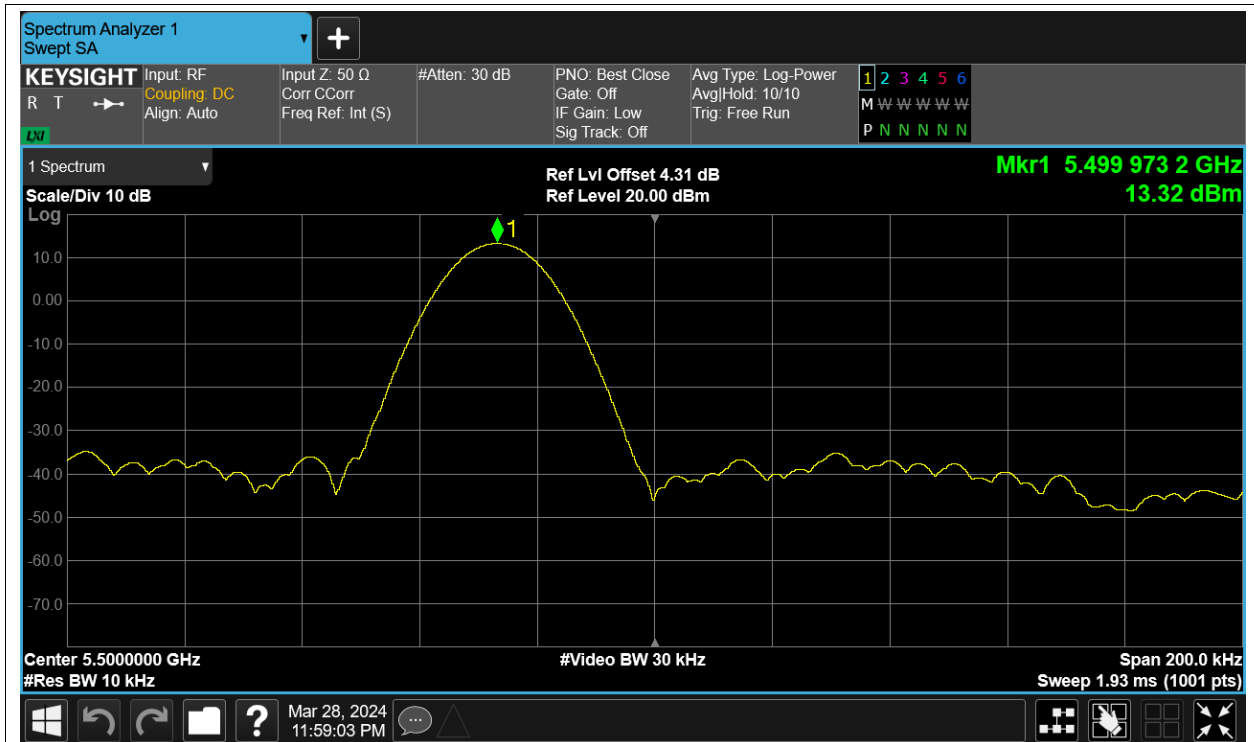
Freq. Stability NVLT a 5500MHz Ant12



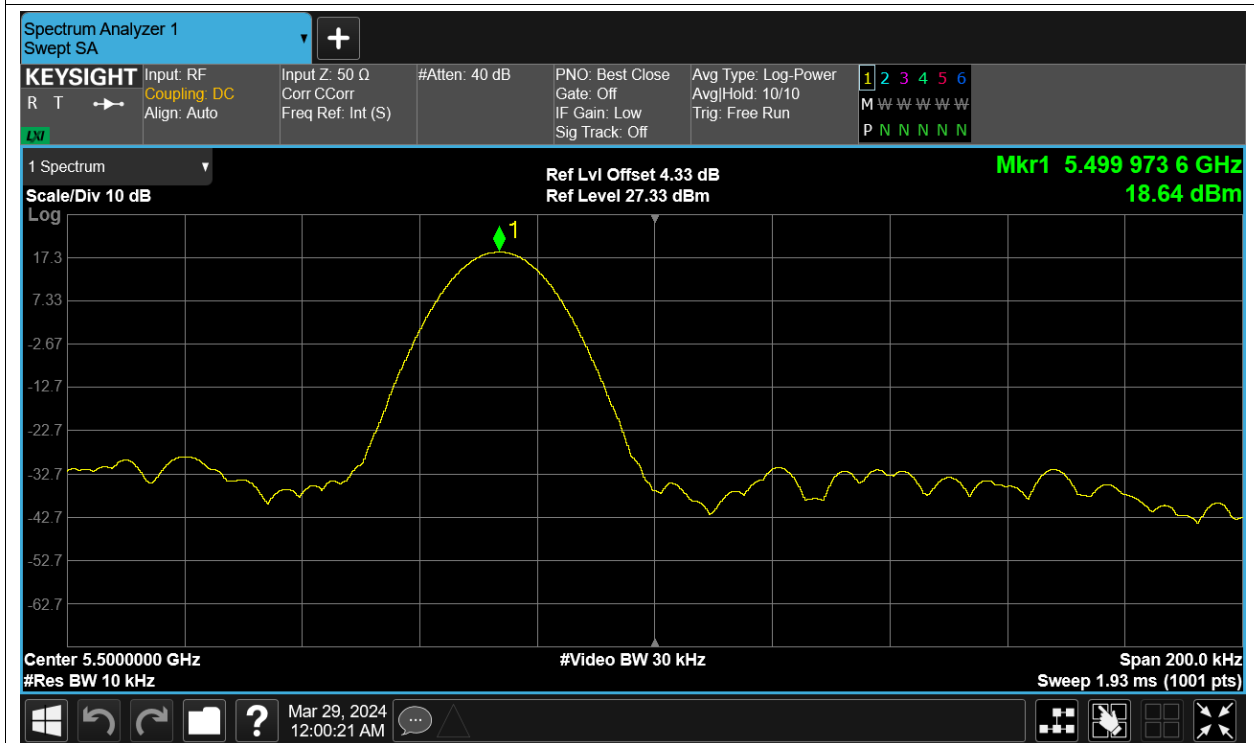
Freq. Stability NVLT a 5500MHz Ant4



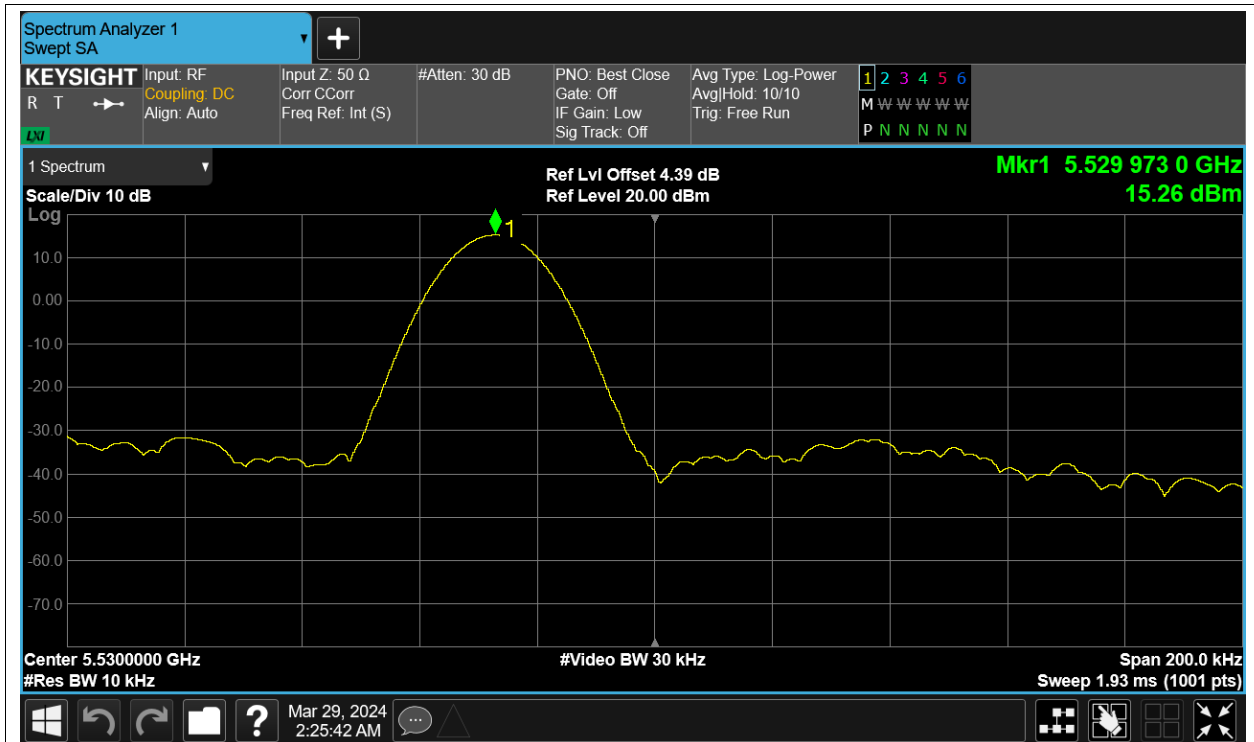
Freq. Stability NVNT a 5500MHz Ant12



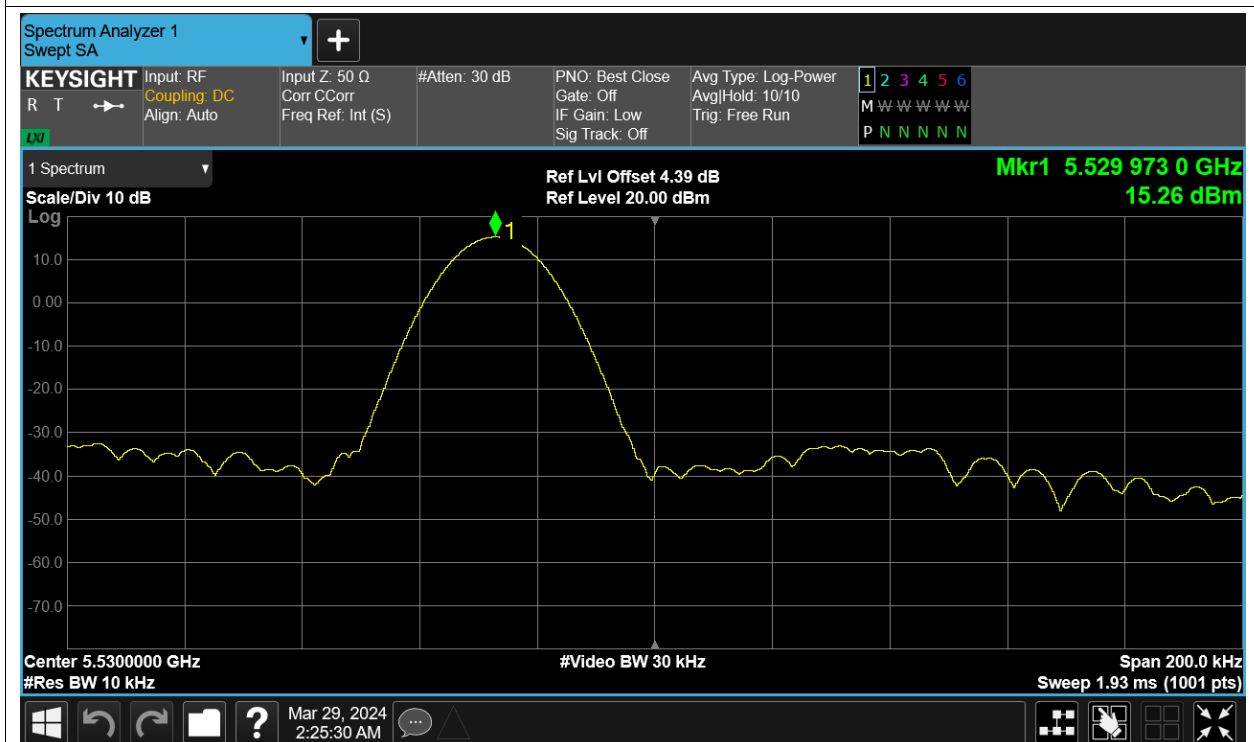
Freq. Stability NVNT a 5500MHz Ant4



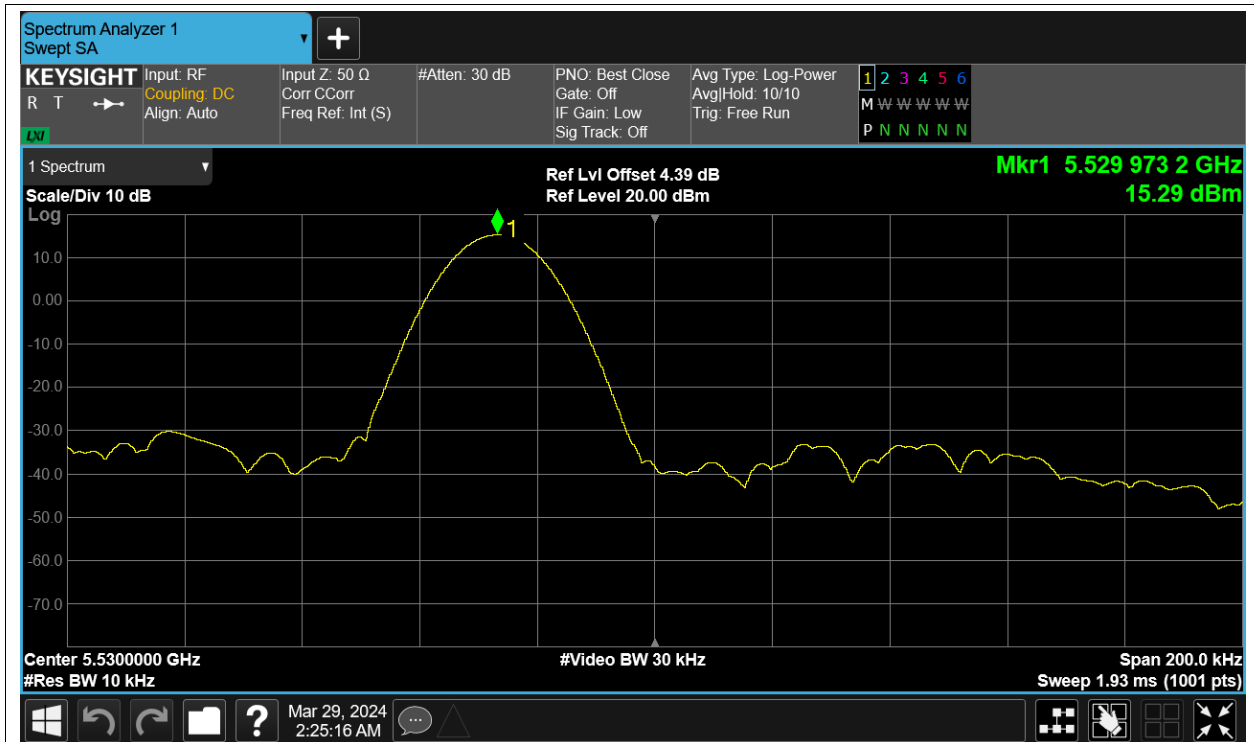
Freq. Stability HVNT ac80 5530MHz Sum



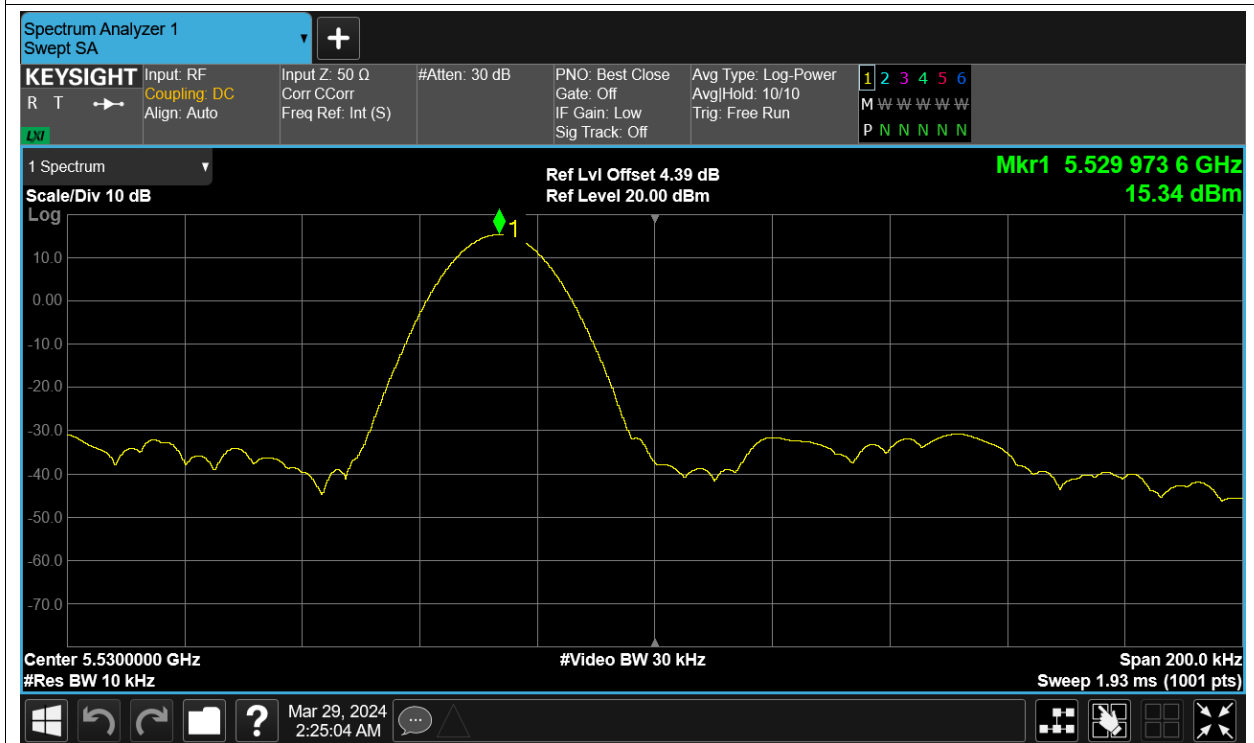
Freq. Stability LVNT ac80 5530MHz Sum



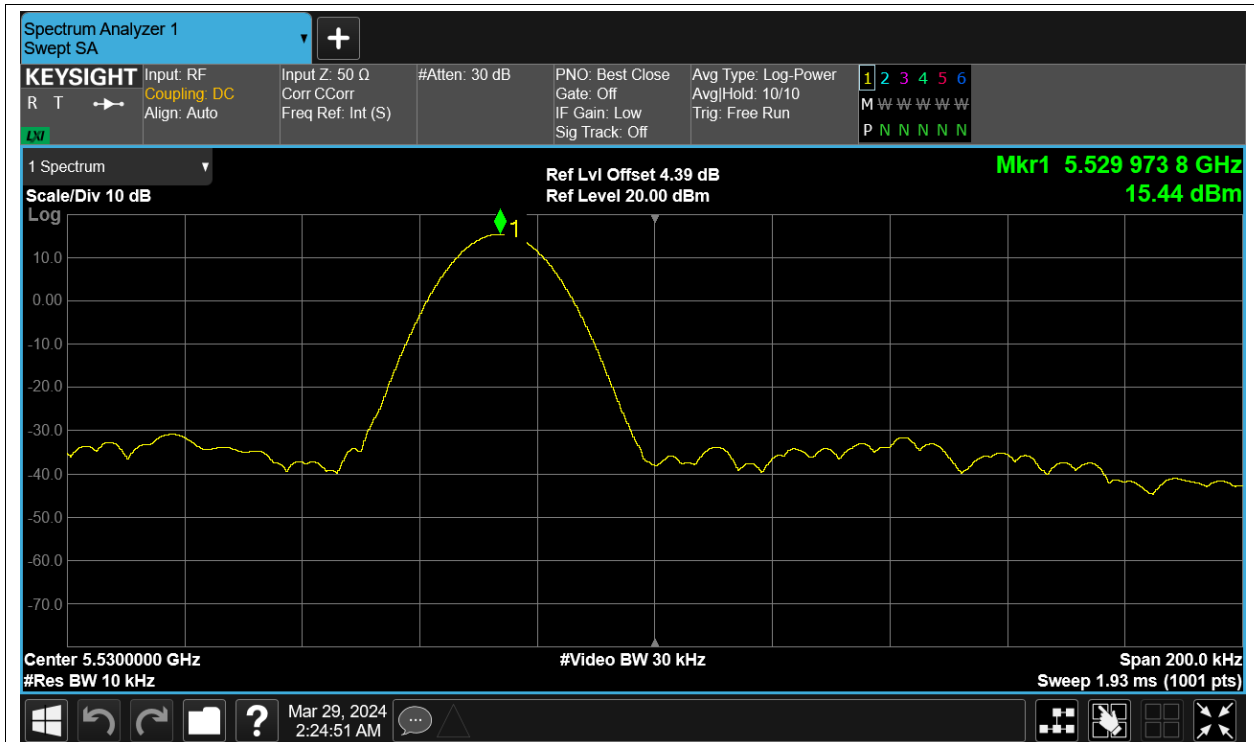
Freq. Stability NVHT ac80 5530MHz Sum



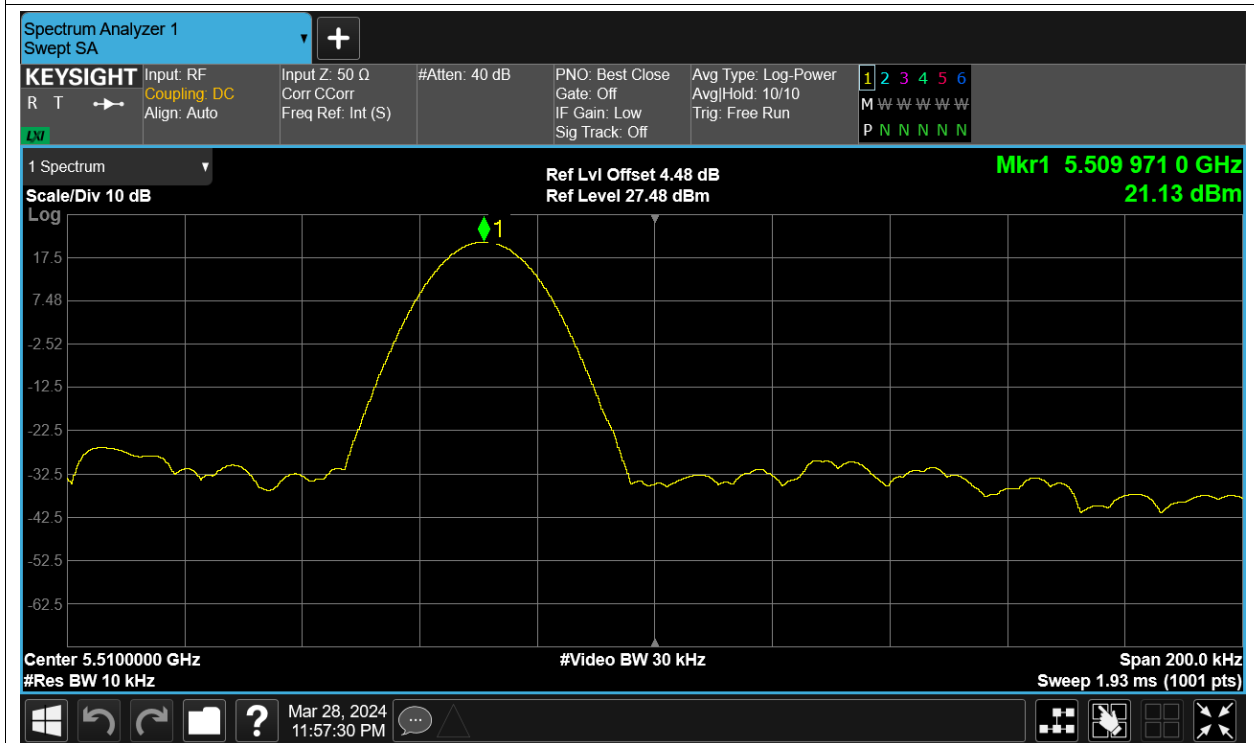
Freq. Stability NVLT ac80 5530MHz Sum



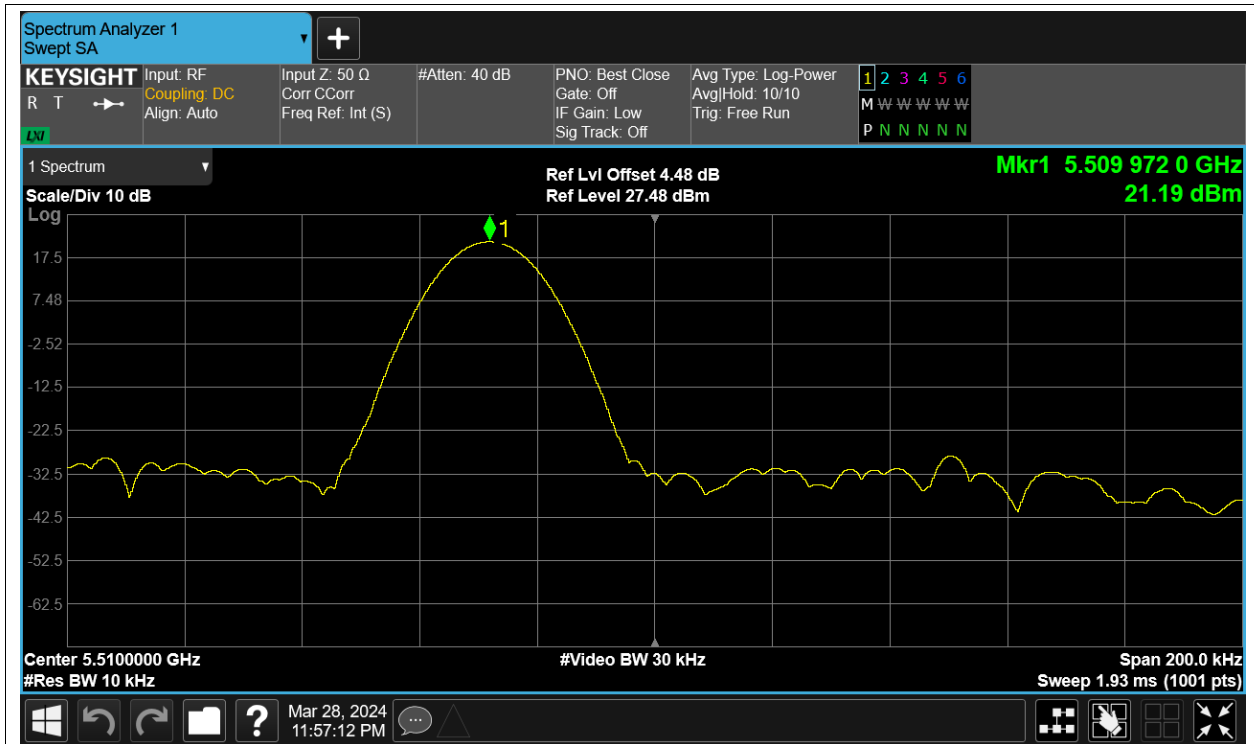
Freq. Stability NVNT ac80 5530MHz Sum



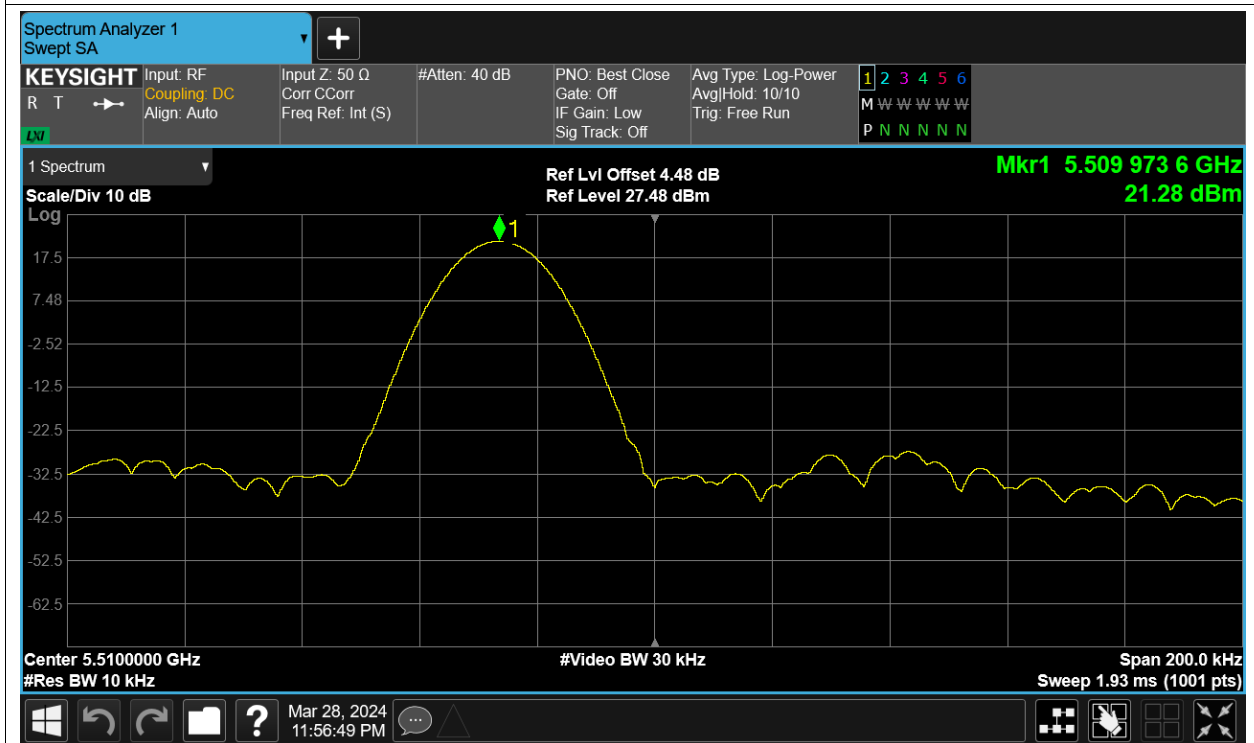
Freq. Stability HVNT n40 5510MHz Sum



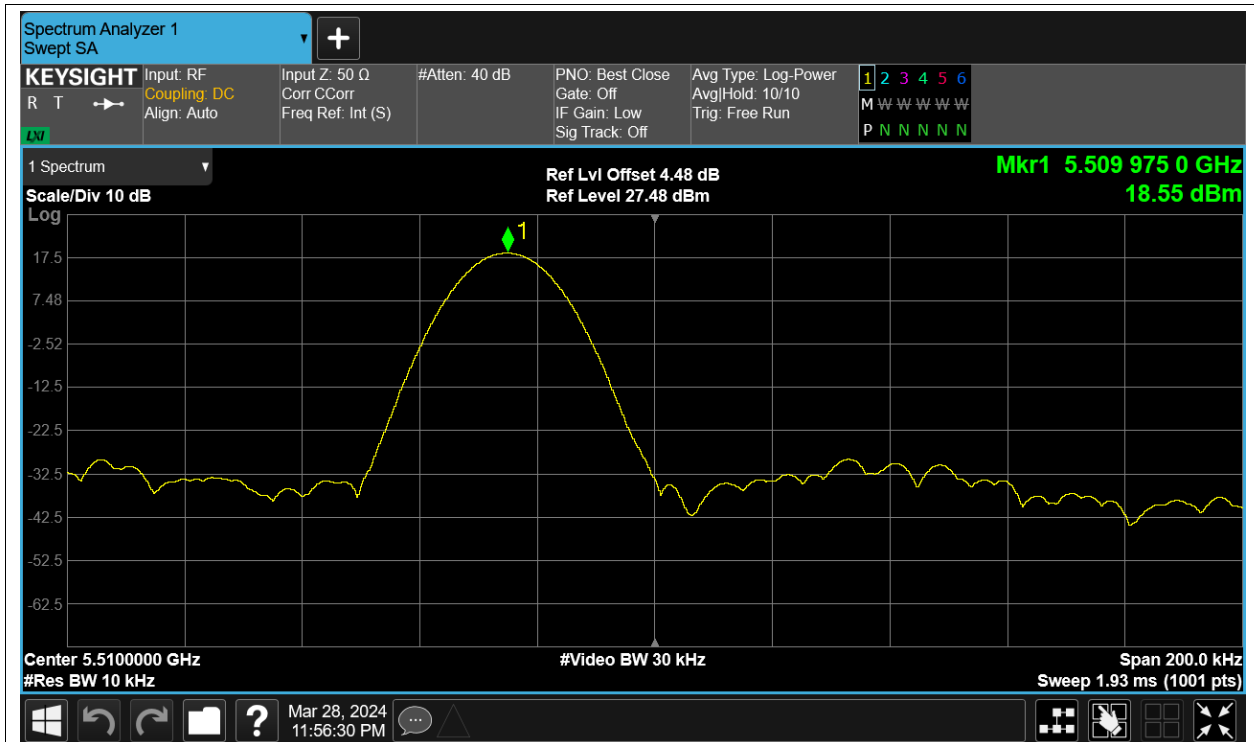
Freq. Stability LVNT n40 5510MHz Sum



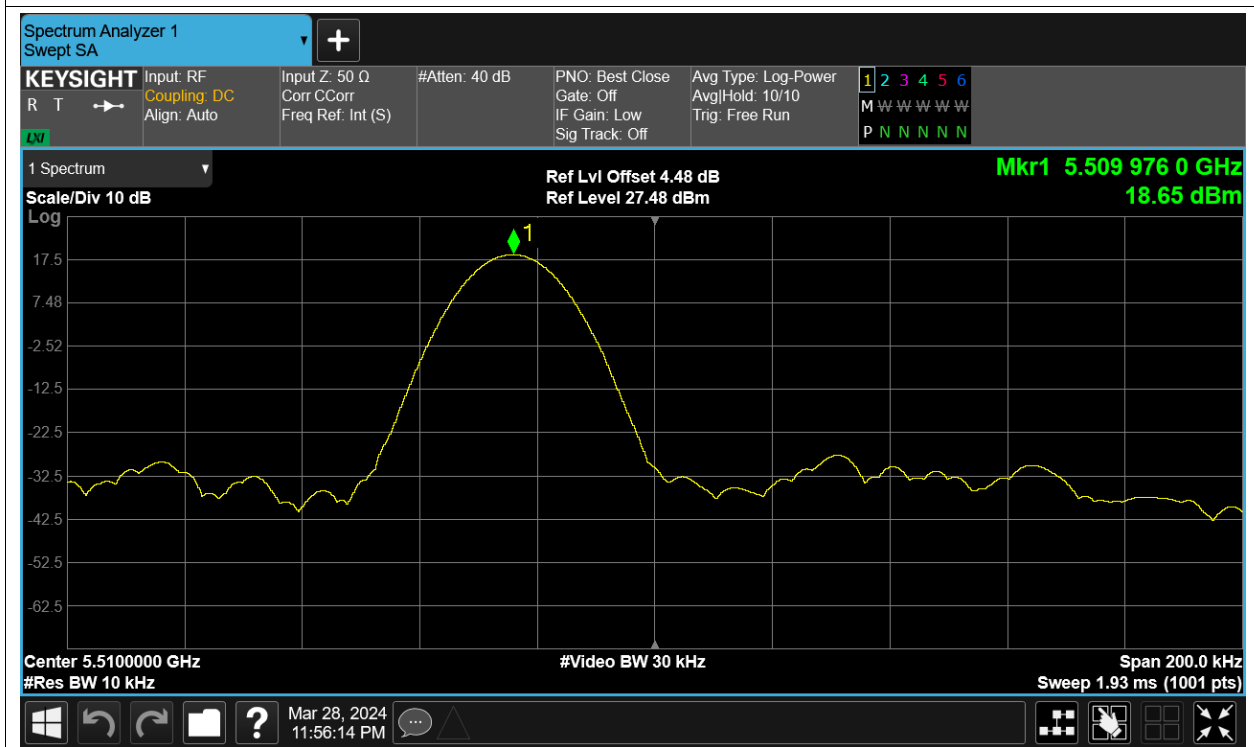
Freq. Stability NVHT n40 5510MHz Sum



Freq. Stability NVLT n40 5510MHz Sum

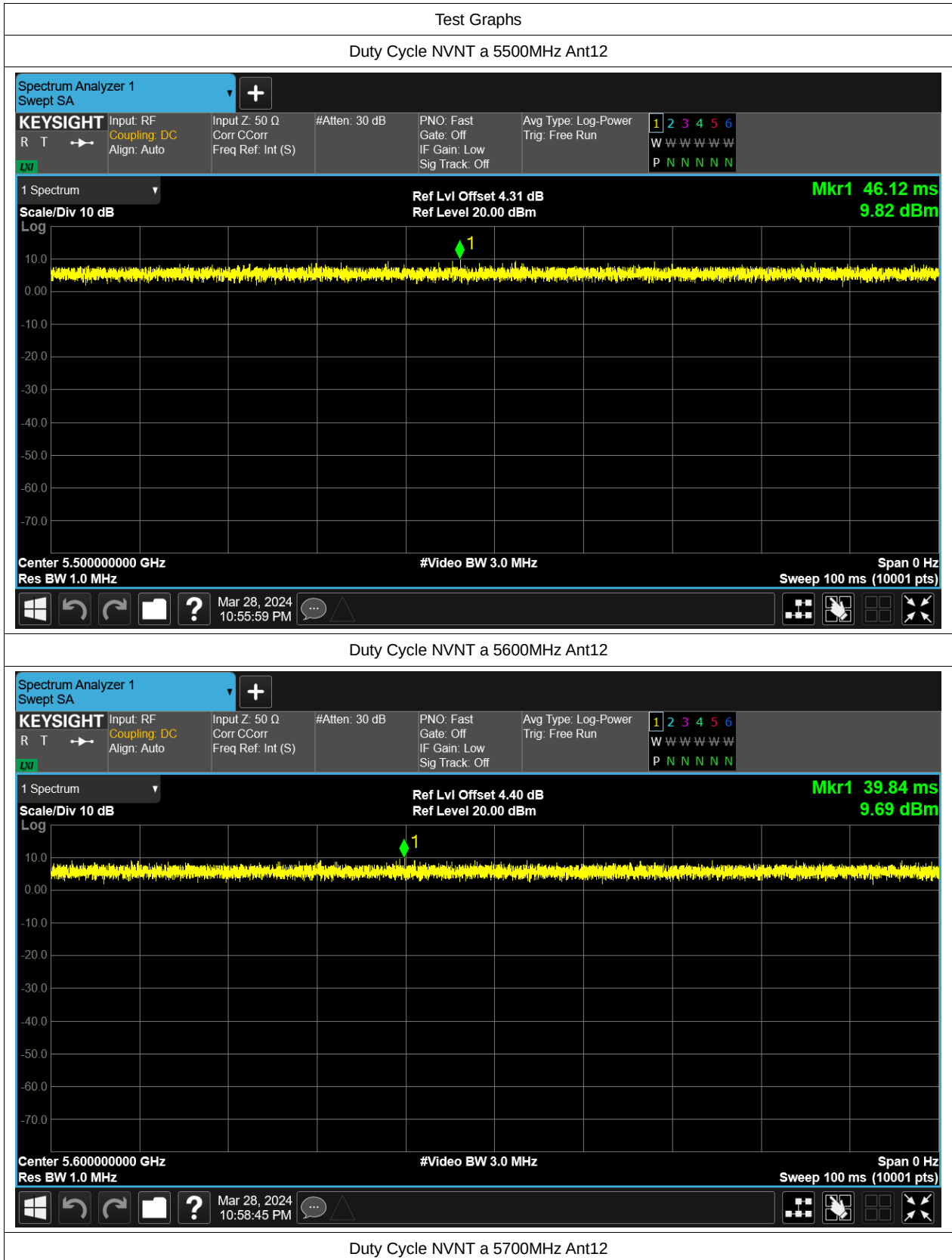


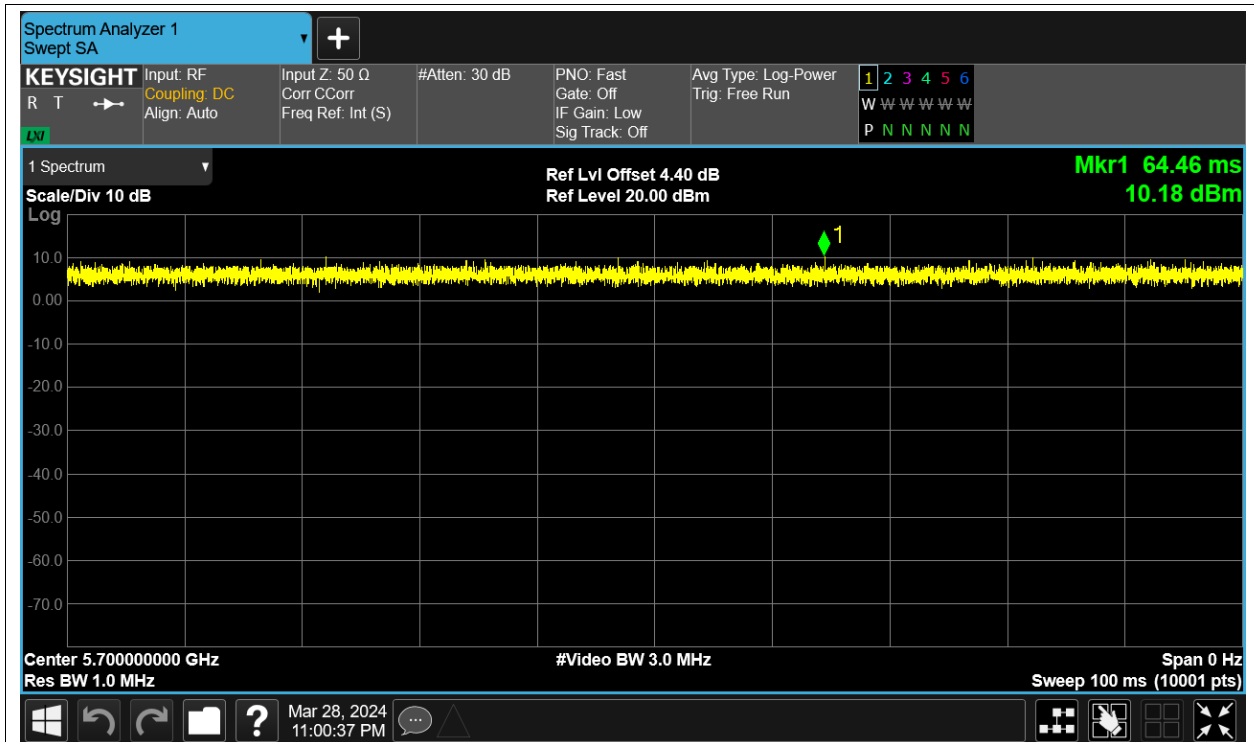
Freq. Stability NVNT n40 5510MHz Sum



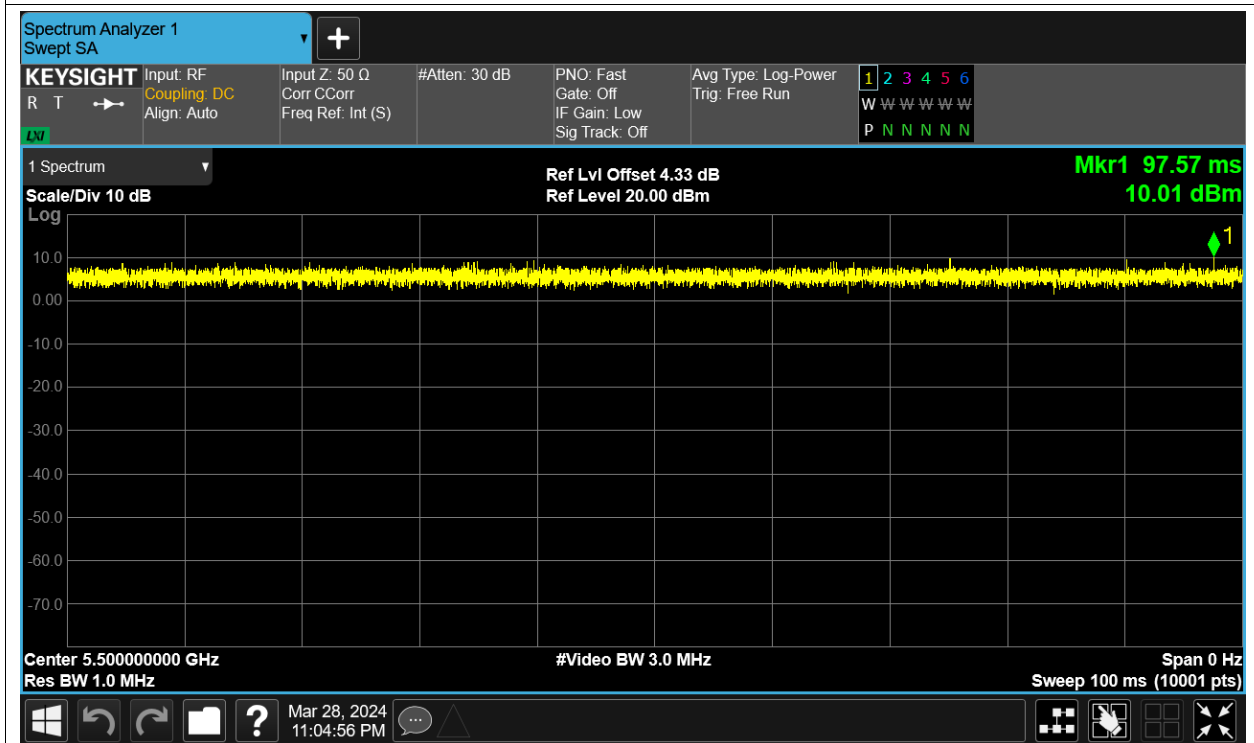
Duty Cycle

Condition	Mode	Frequency (MHz)	Antenna	Duty Cycle (%)	Correction Factor (dB)
NVNT	a	5500	Ant12	100	0
NVNT	a	5600	Ant12	100	0
NVNT	a	5700	Ant12	100	0
NVNT	a	5500	Ant4	100	0
NVNT	a	5600	Ant4	100	0
NVNT	a	5700	Ant4	100	0
NVNT	ac20	5500	Sum	100	0
NVNT	ac20	5600	Sum	100	0
NVNT	ac20	5700	Sum	100	0
NVNT	ac40	5510	Sum	100	0
NVNT	ac40	5590	Sum	100	0
NVNT	ac40	5670	Sum	100	0
NVNT	ac80	5530	Sum	100	0
NVNT	ac80	5610	Sum	100	0
NVNT	ax20	5500	Sum	100	0
NVNT	ax20	5600	Sum	100	0
NVNT	ax20	5700	Sum	100	0
NVNT	ax40	5510	Sum	100	0
NVNT	ax40	5590	Sum	100	0
NVNT	ax40	5670	Sum	100	0
NVNT	ax80	5530	Sum	100	0
NVNT	ax80	5610	Sum	100	0
NVNT	n20	5500	Sum	100	0
NVNT	n20	5600	Sum	100	0
NVNT	n20	5700	Sum	100	0
NVNT	n40	5510	Sum	100	0
NVNT	n40	5590	Sum	100	0
NVNT	n40	5670	Sum	100	0

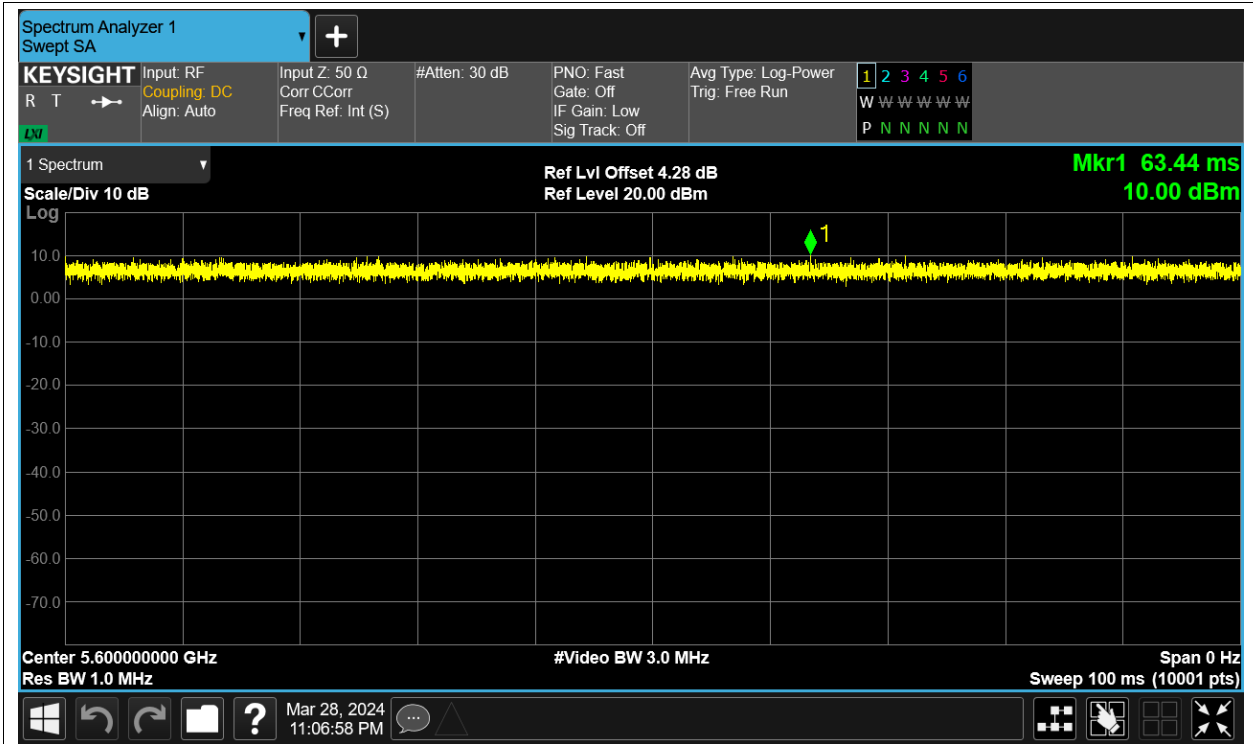




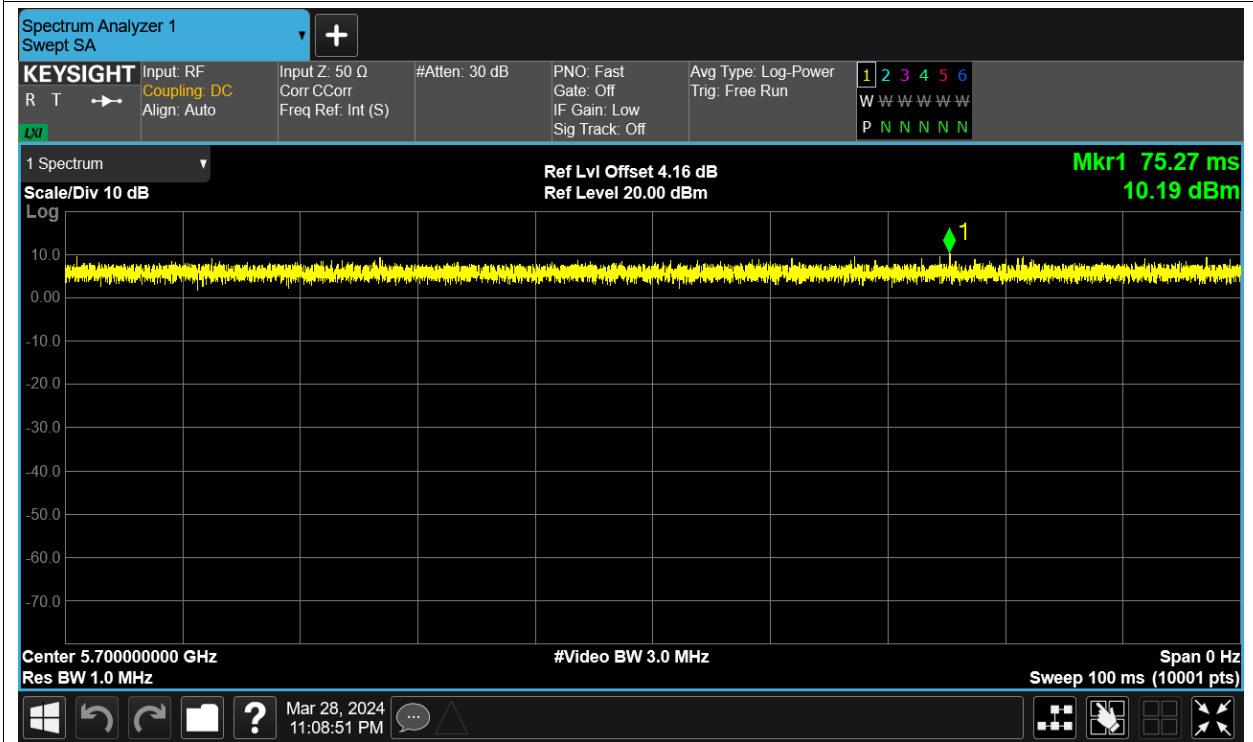
Duty Cycle NVNT a 5500MHz Ant4



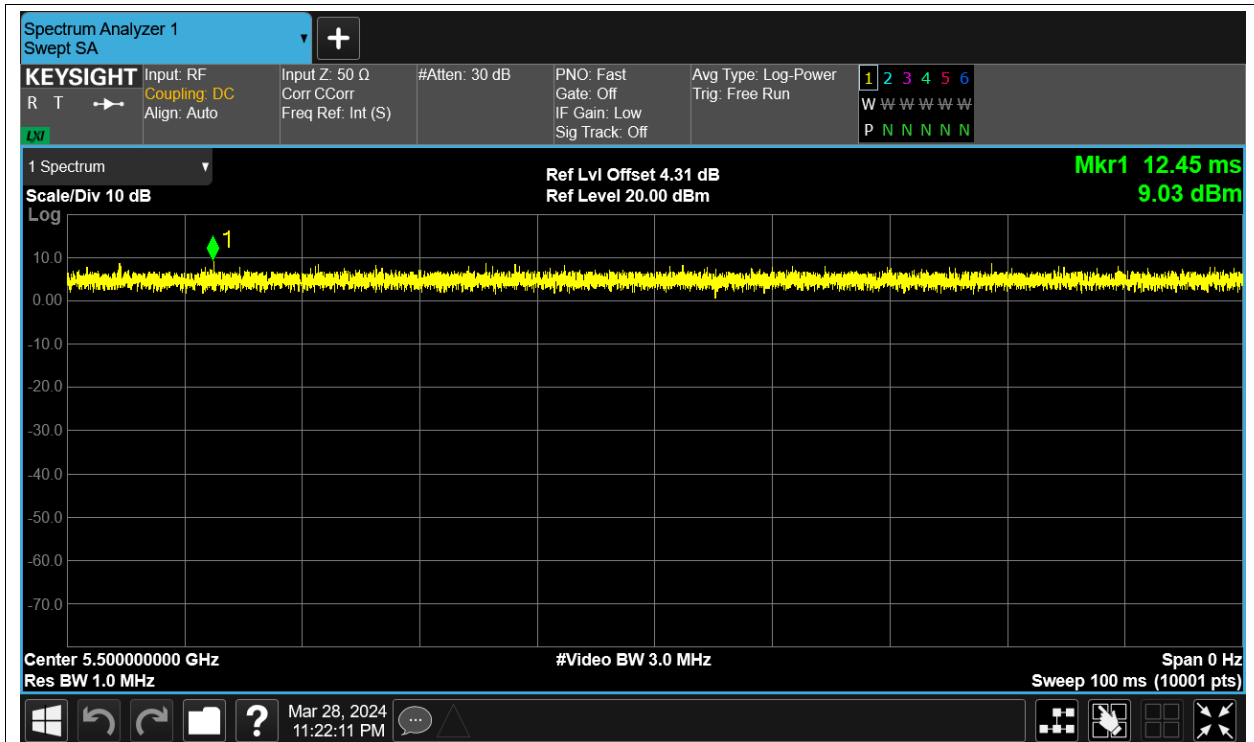
Duty Cycle NVNT a 5600MHz Ant4



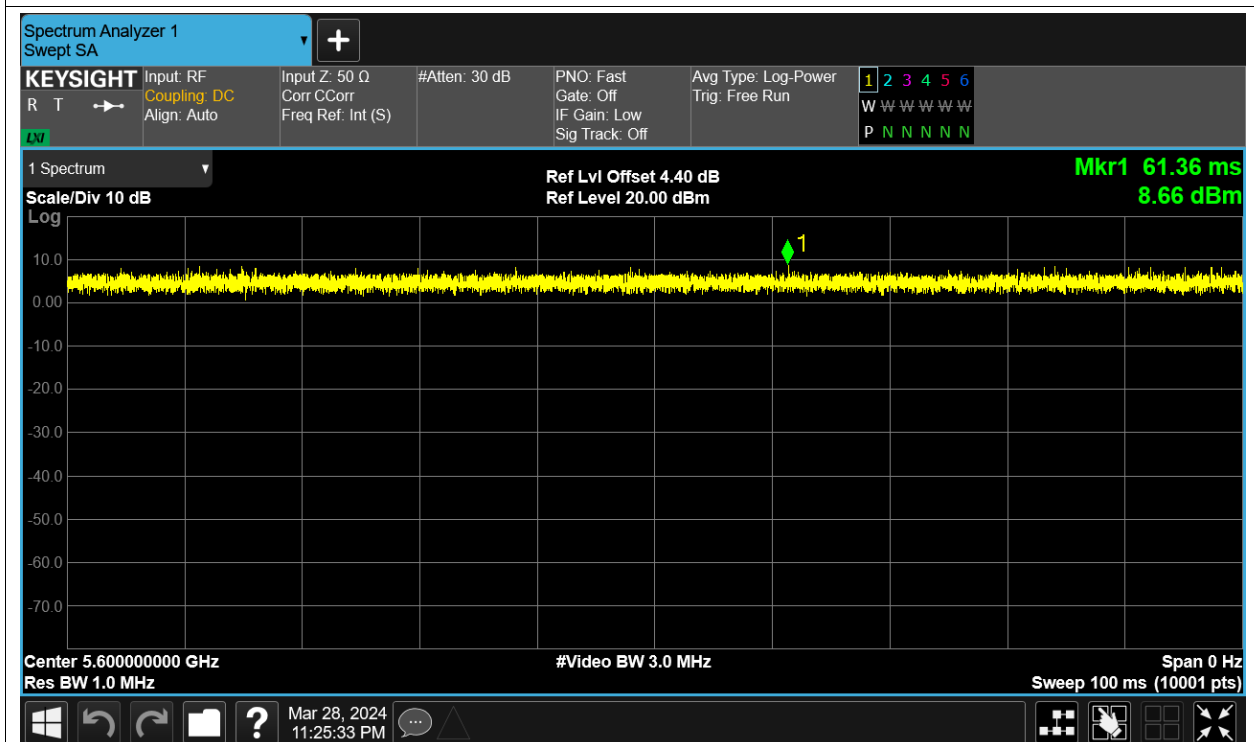
Duty Cycle NVNT a 5700MHz Ant4



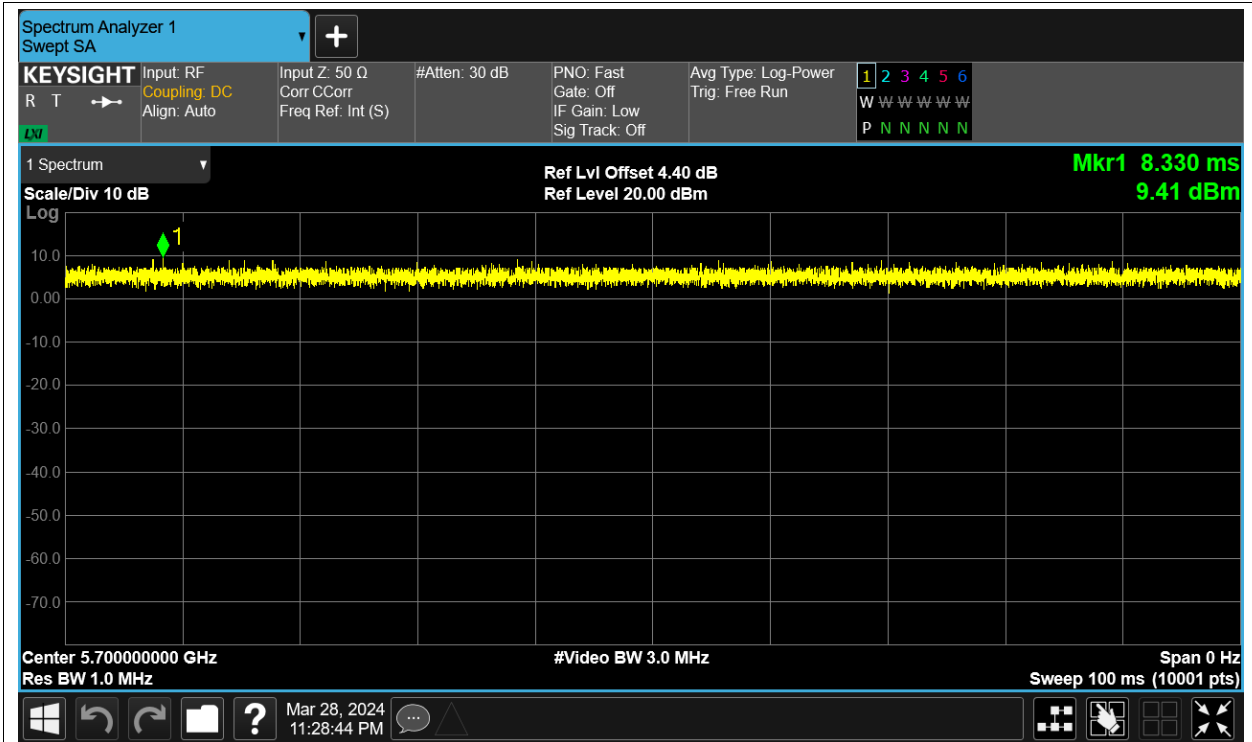
Duty Cycle NVNT ac20 5500MHz Sum



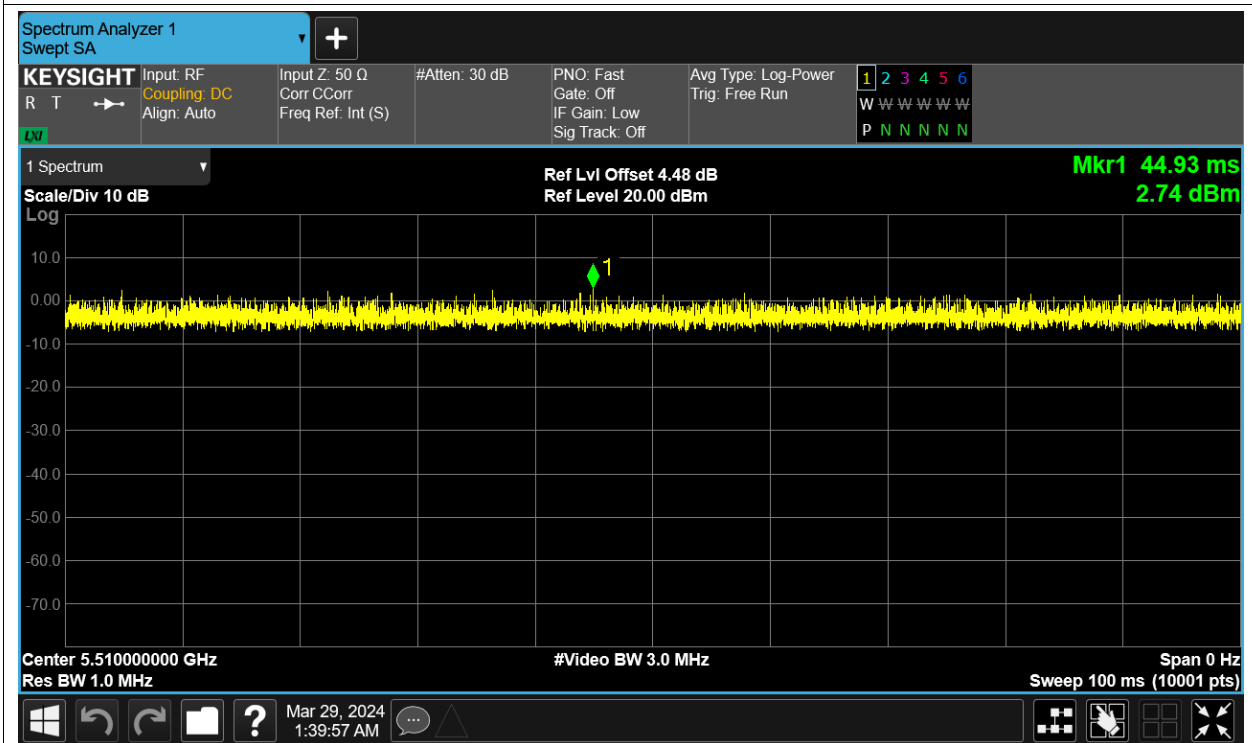
Duty Cycle NVNT ac20 5600MHz Sum



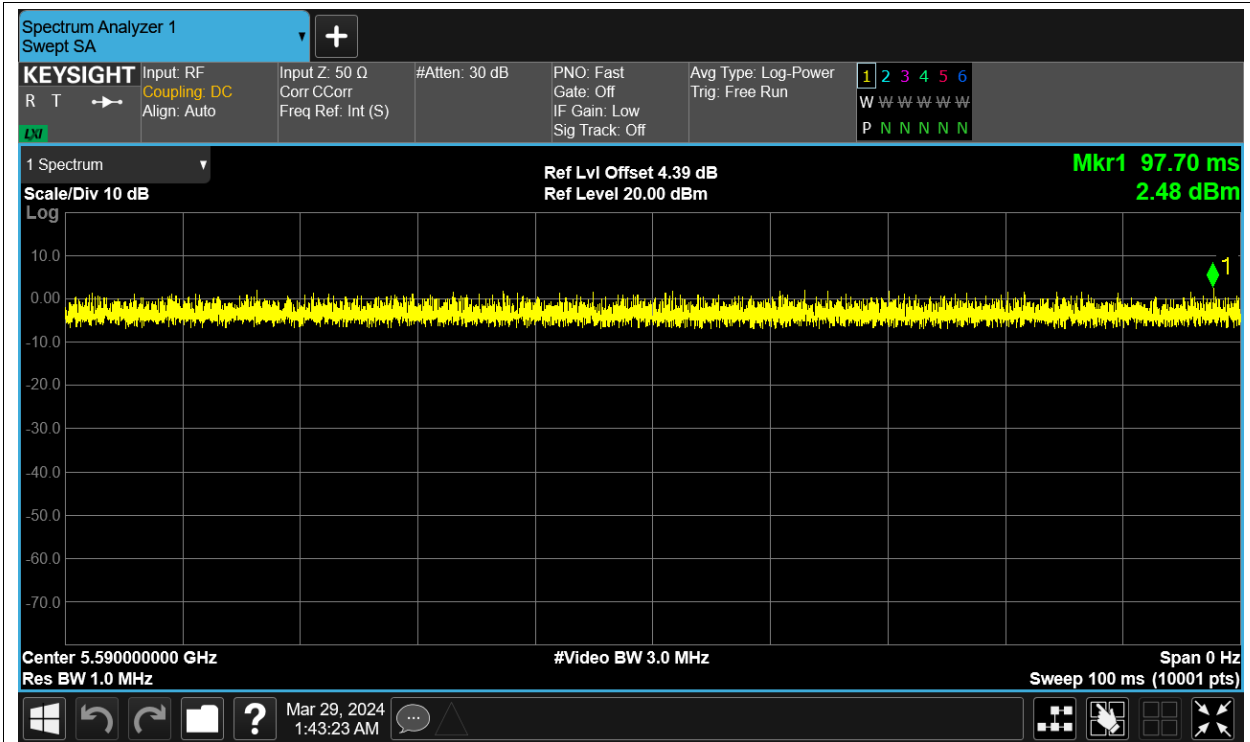
Duty Cycle NVNT ac20 5700MHz Sum



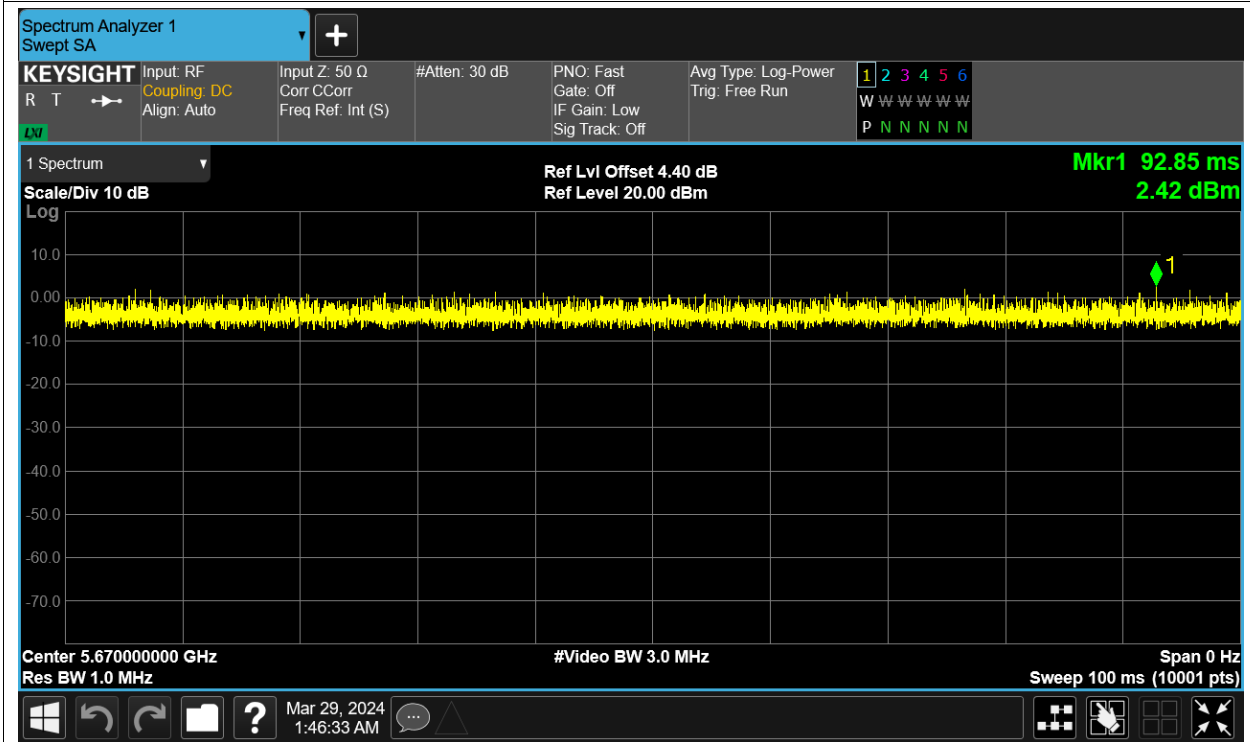
Duty Cycle NVNT ac40 5510MHz Sum



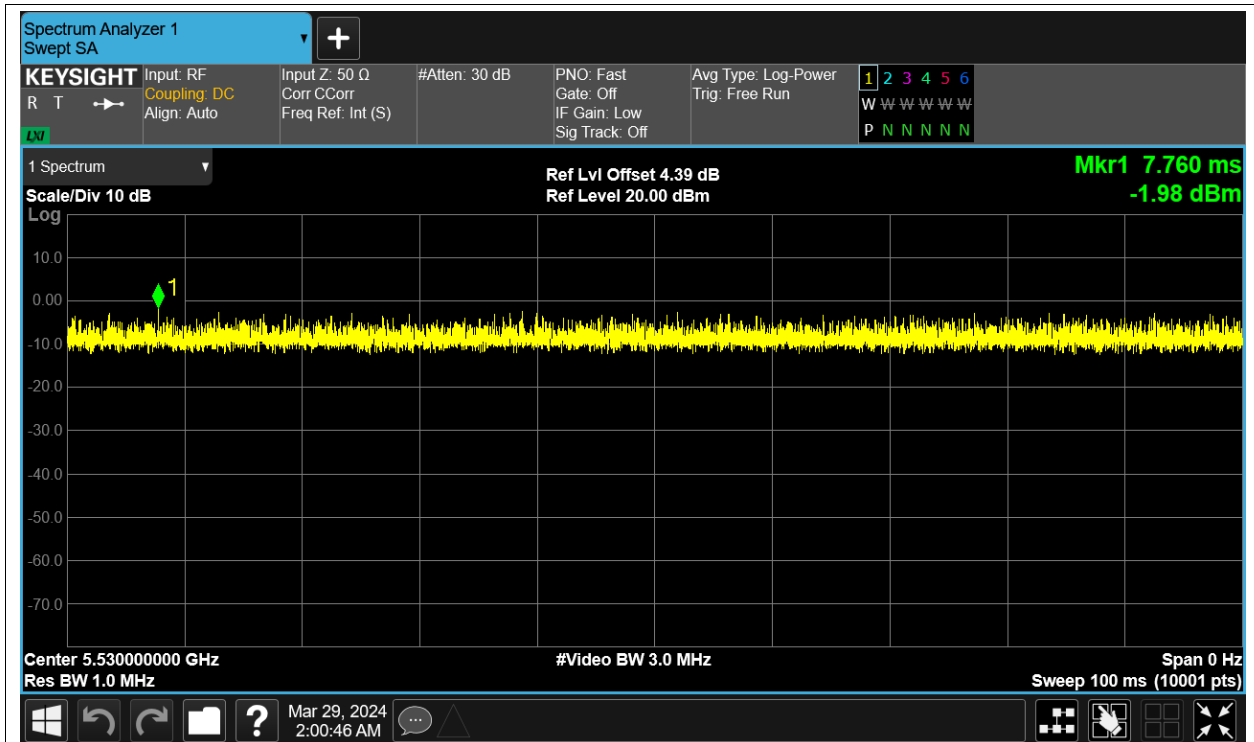
Duty Cycle NVNT ac40 5590MHz Sum



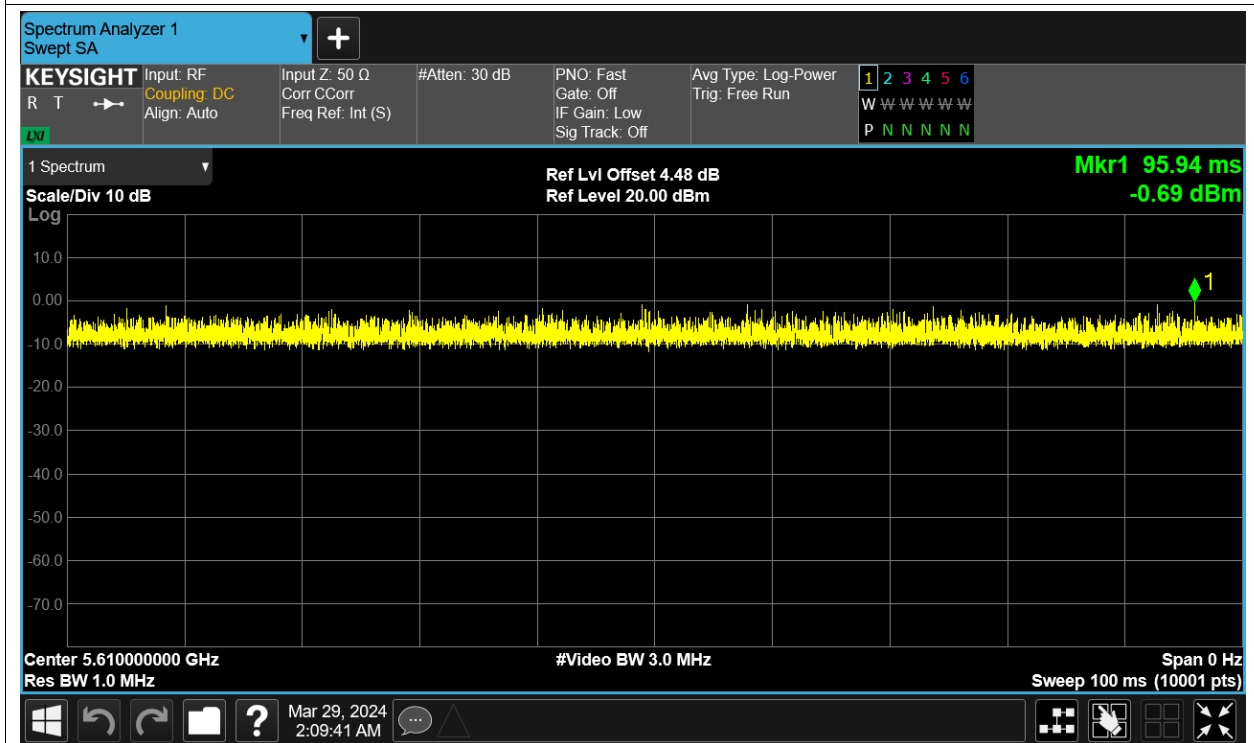
Duty Cycle NVNT ac40 5670MHz Sum



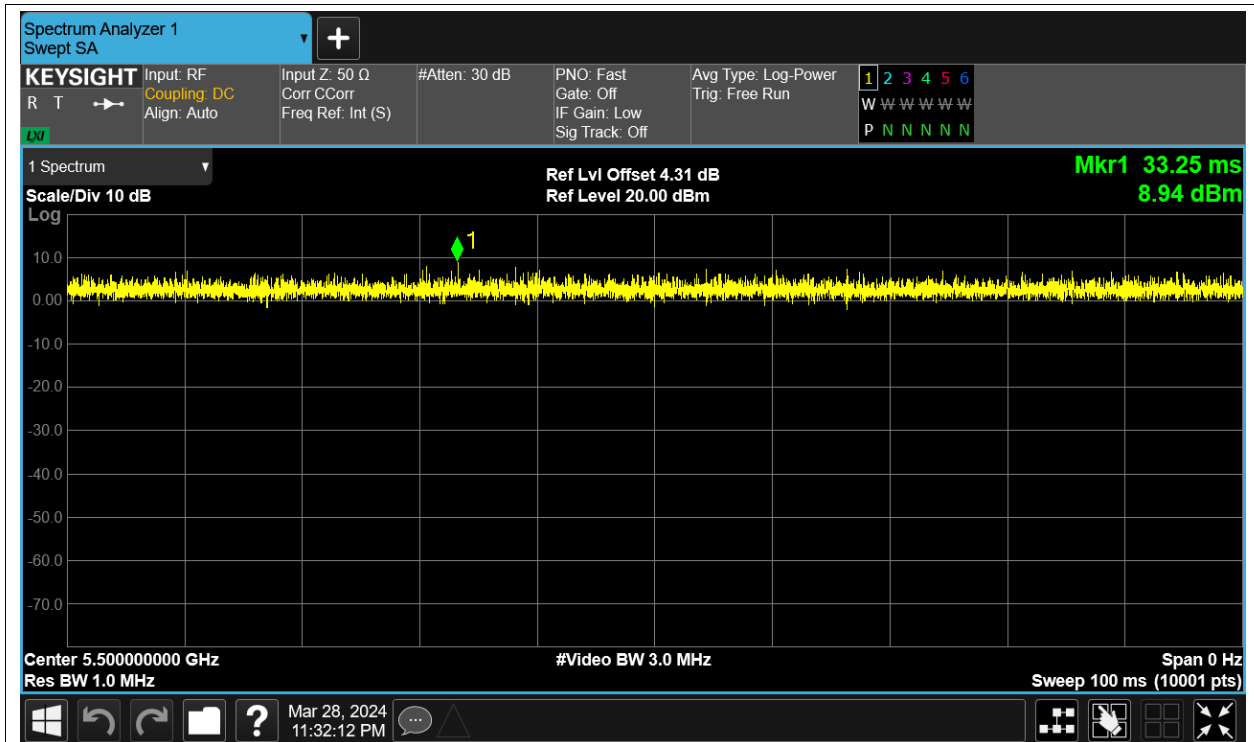
Duty Cycle NVNT ac80 5530MHz Sum



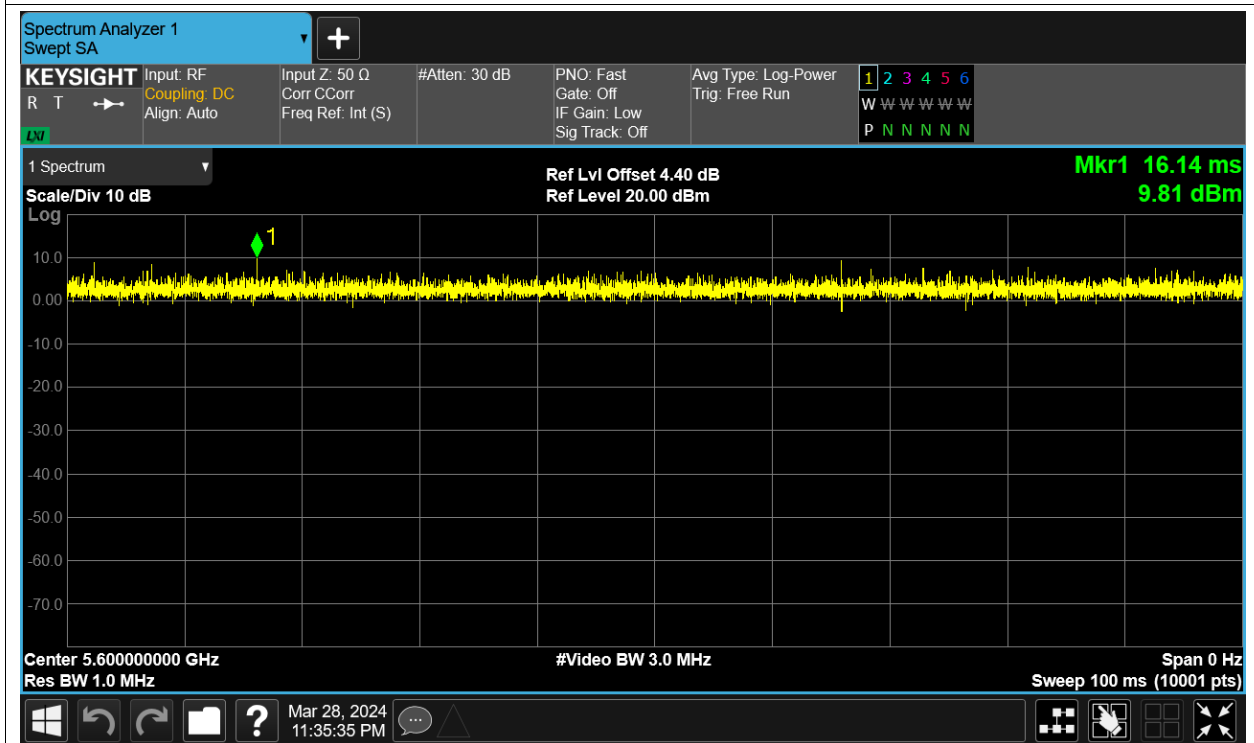
Duty Cycle NVNT ac80 5610MHz Sum



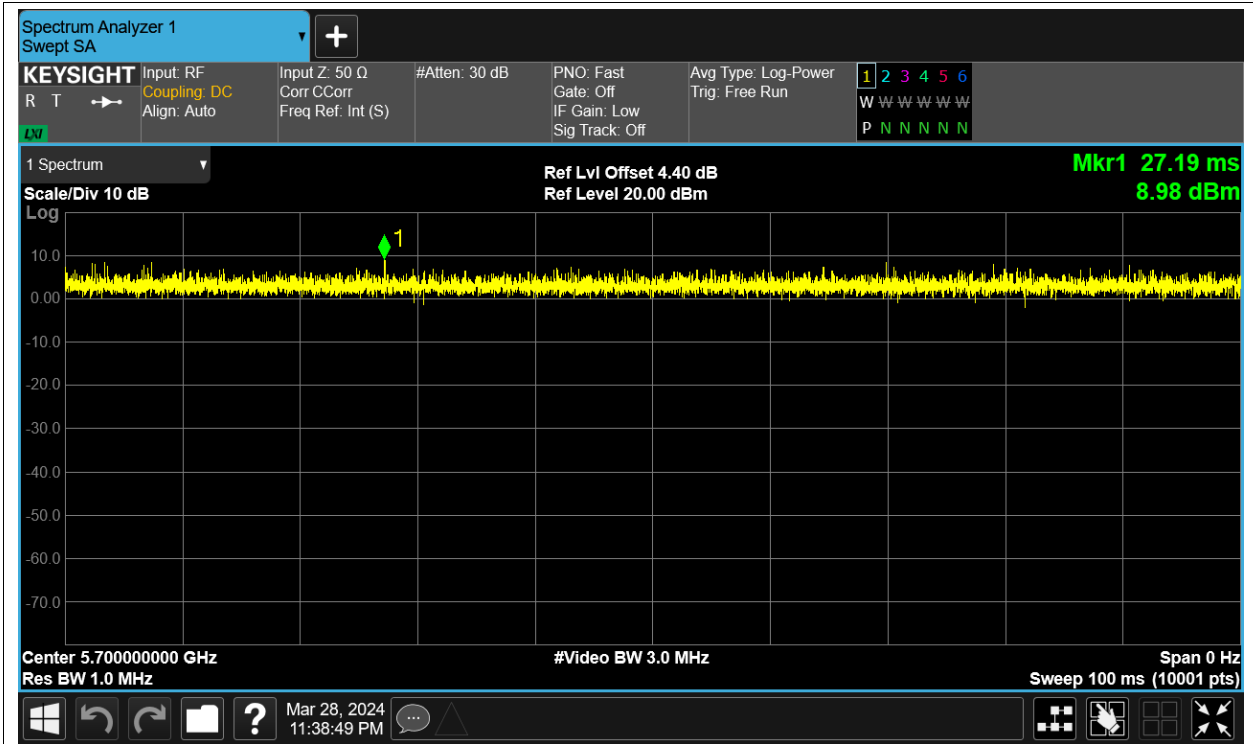
Duty Cycle NVNT ax20 5500MHz Sum



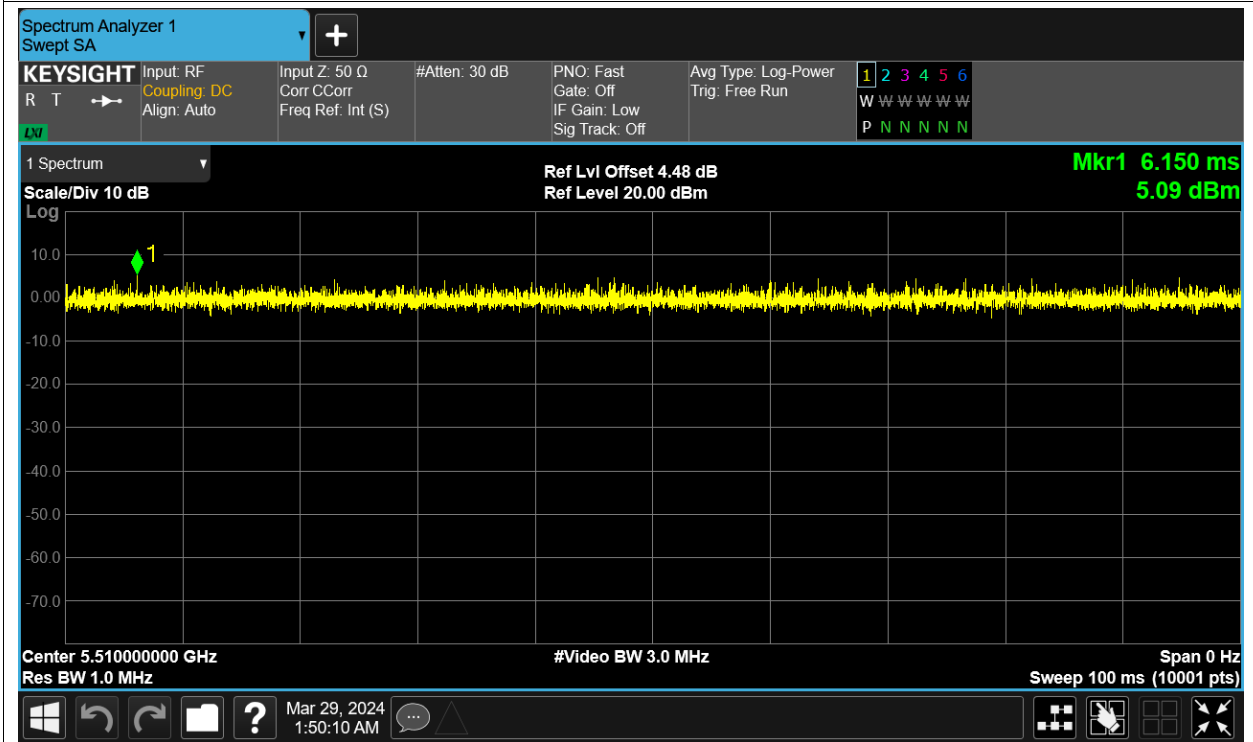
Duty Cycle NVNT ax20 5600MHz Sum



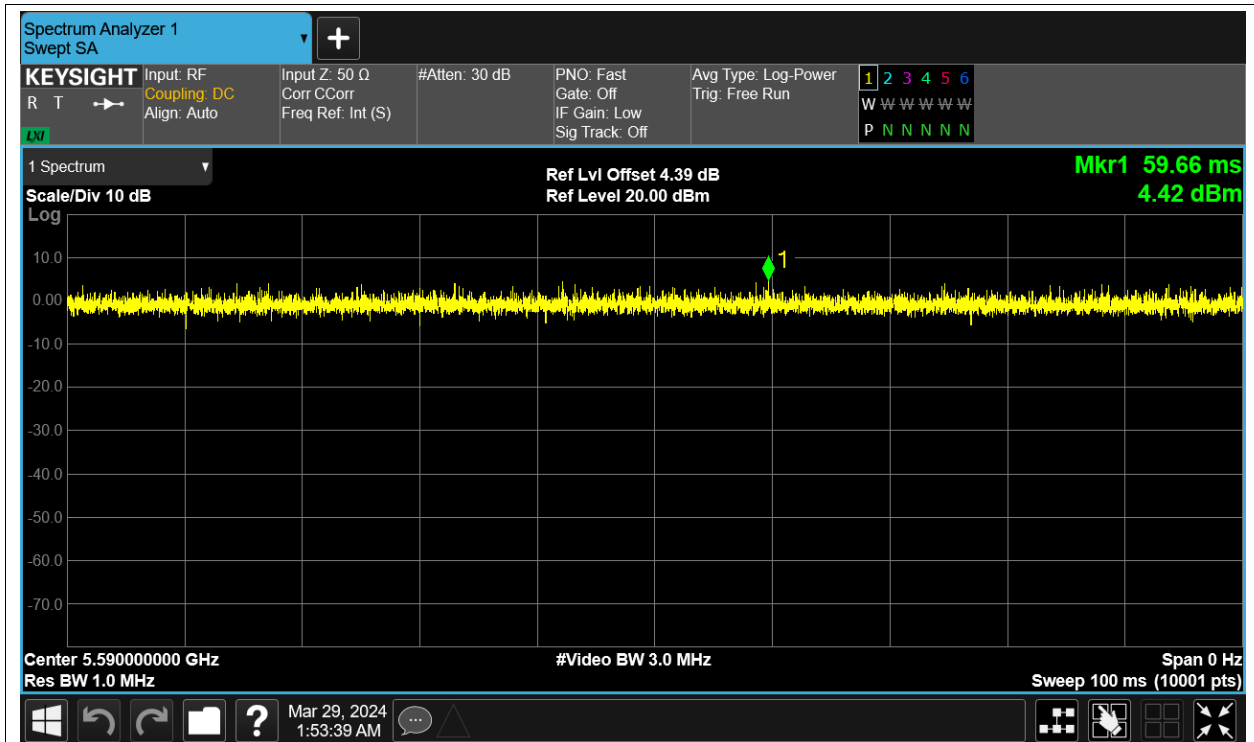
Duty Cycle NVNT ax20 5700MHz Sum



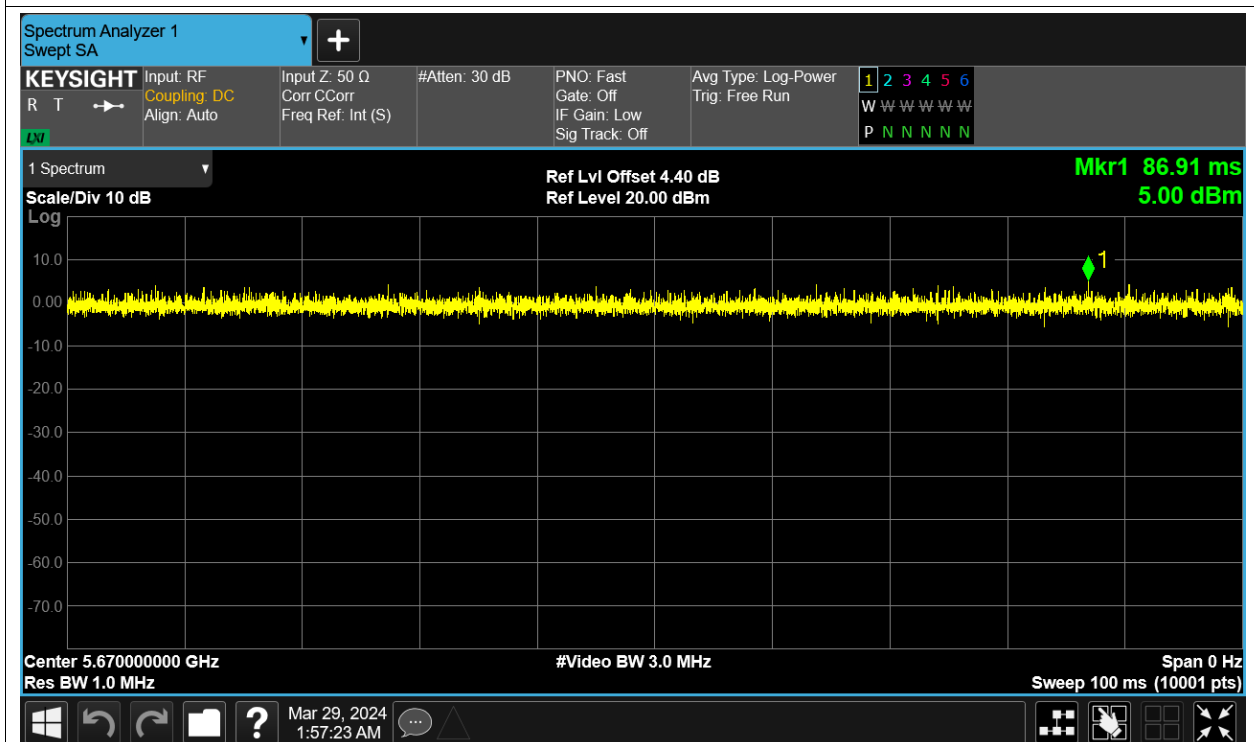
Duty Cycle NVNT ax40 5510MHz Sum



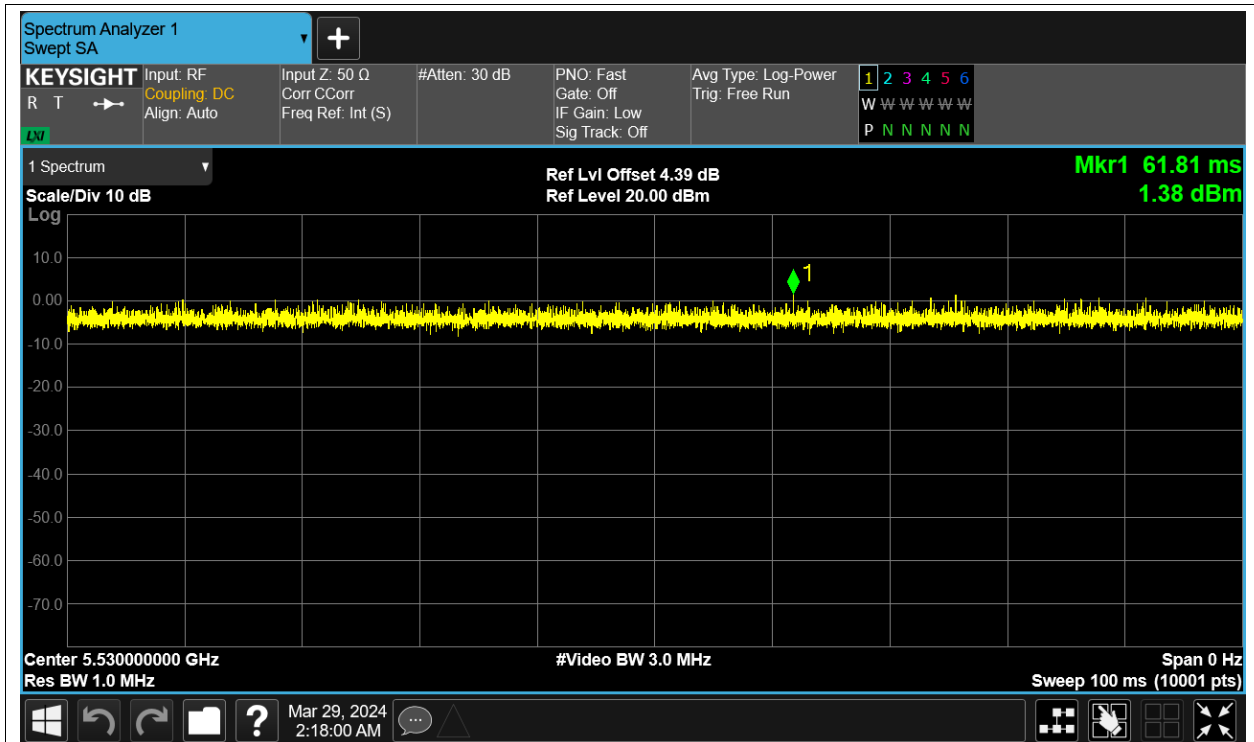
Duty Cycle NVNT ax40 5590MHz Sum



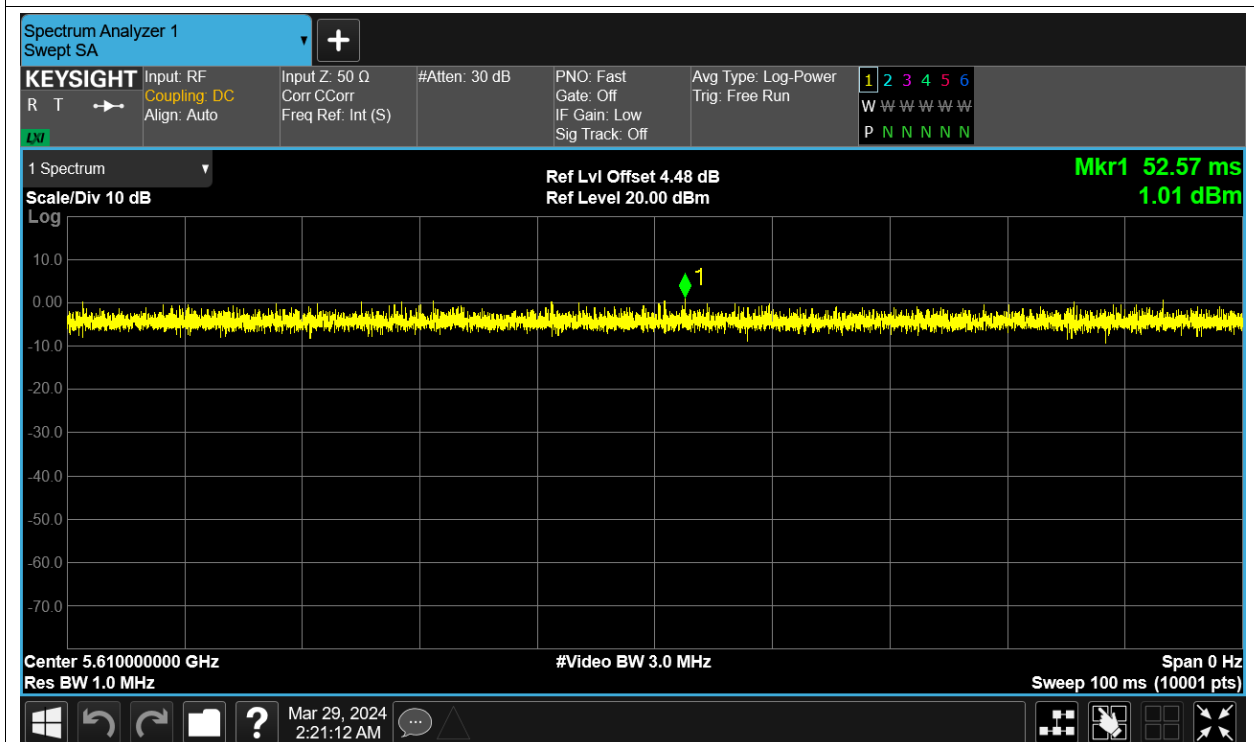
Duty Cycle NVNT ax40 5670MHz Sum



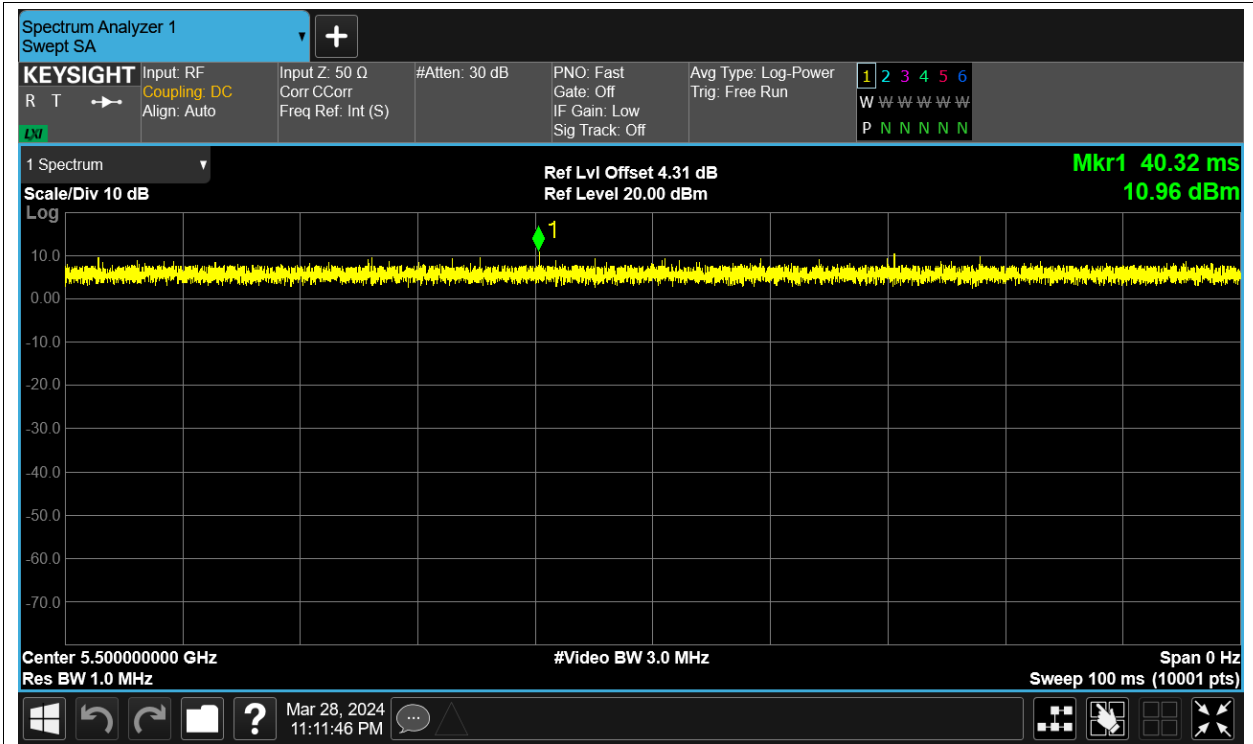
Duty Cycle NVNT ax80 5530MHz Sum



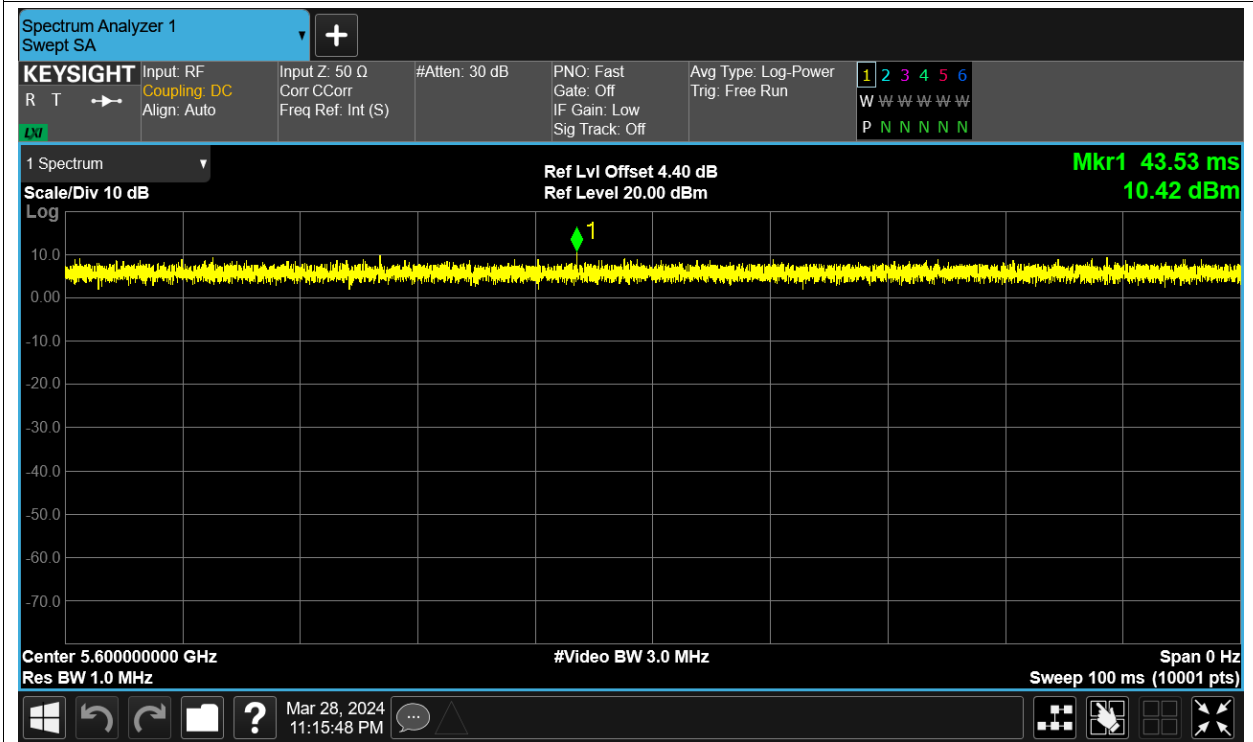
Duty Cycle NVNT ax80 5610MHz Sum



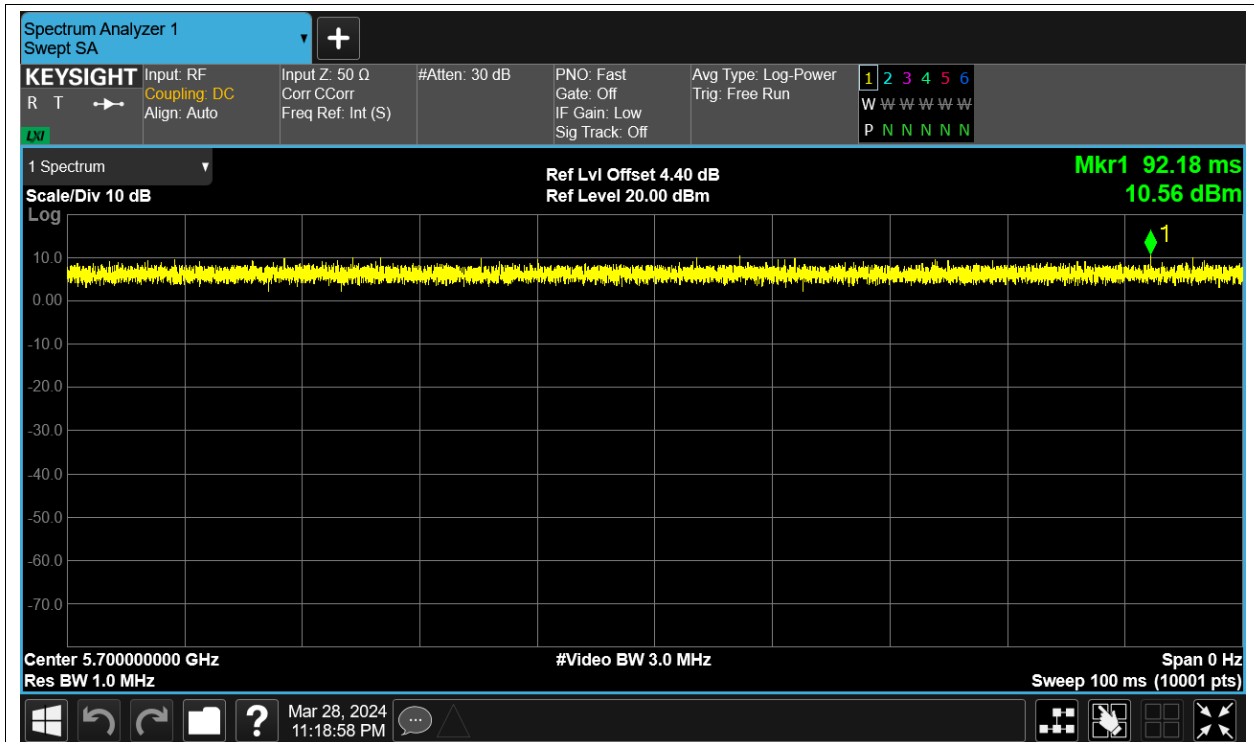
Duty Cycle NVNT n20 5500MHz Sum



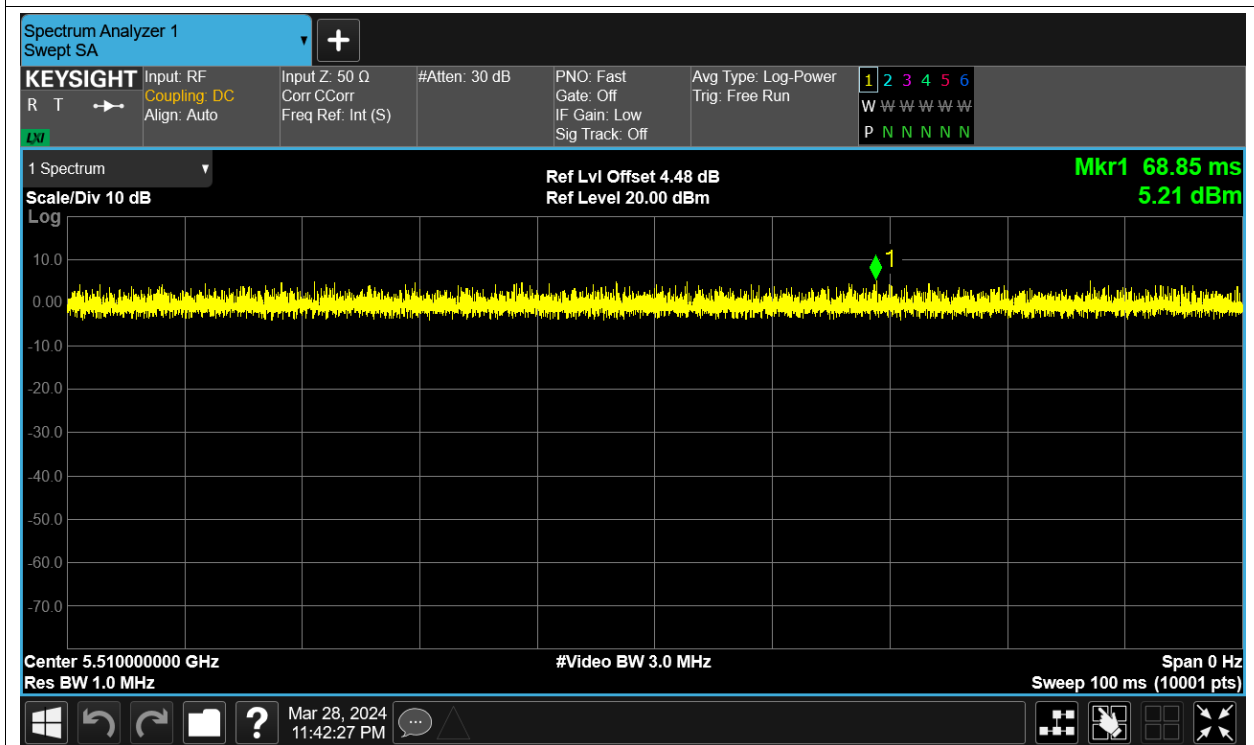
Duty Cycle NVNT n20 5600MHz Sum



Duty Cycle NVNT n20 5700MHz Sum



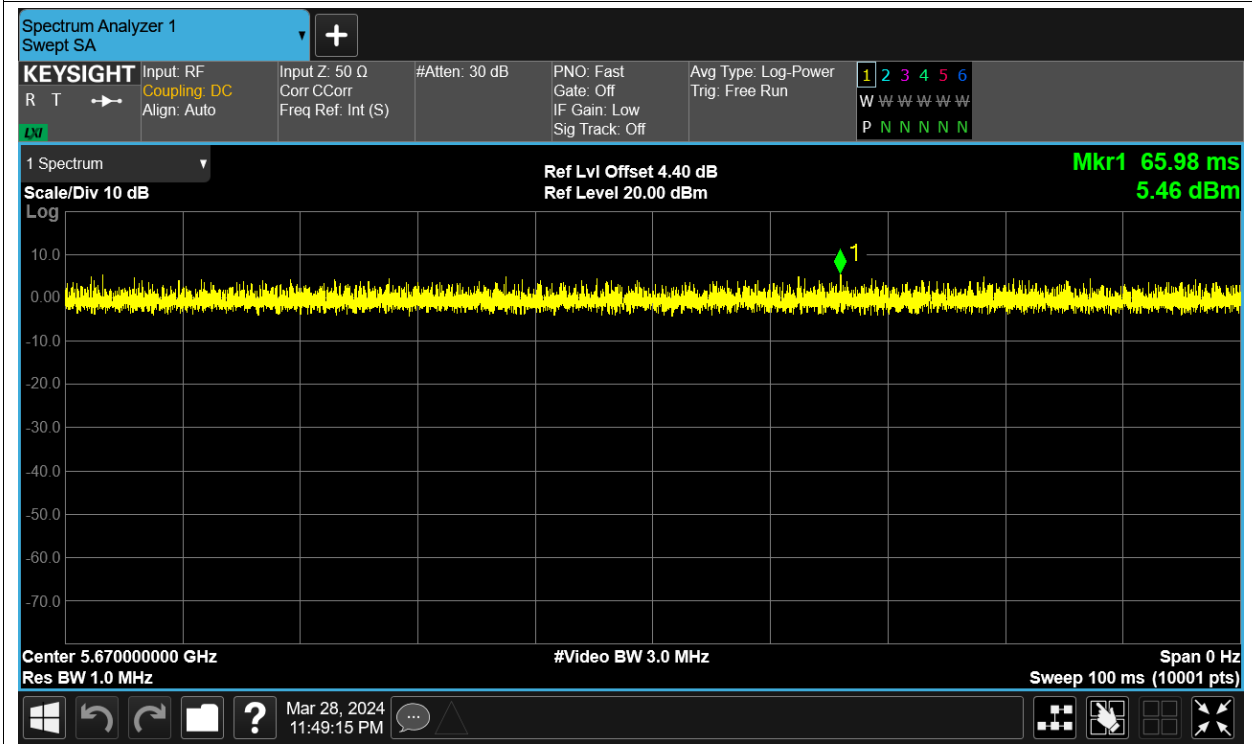
Duty Cycle NVNT n40 5510MHz Sum



Duty Cycle NVNT n40 5590MHz Sum



Duty Cycle NVNT n40 5670MHz Sum



Maximum Conducted Output Power

Condition	Mode	Frequency (MHz)	Antenna	Conducted Power (dBm)	Duty Factor (dB)	Total Power (dBm)	Limit (dBm)	Verdict
NVNT	a	5500	Ant12	12.38	0	12.38	24	Pass
NVNT	a	5600	Ant12	12.4	0	12.4	24	Pass
NVNT	a	5700	Ant12	12.15	0	12.15	24	Pass
NVNT	a	5500	Ant4	12.57	0	12.57	24	Pass
NVNT	a	5600	Ant4	12.7	0	12.7	24	Pass
NVNT	a	5700	Ant4	13.21	0	13.21	24	Pass
NVNT	ac20	5500	Ant12	11.71	0	11.71	24	Pass
NVNT	ac20	5500	Ant4	12.62	0	12.62	24	Pass
NVNT	ac20	5500	Sum	15.199	0	15.199	24	Pass
NVNT	ac20	5600	Ant12	11.51	0	11.51	24	Pass
NVNT	ac20	5600	Ant4	12.51	0	12.51	24	Pass
NVNT	ac20	5600	Sum	15.049	0	15.049	24	Pass
NVNT	ac20	5700	Ant12	11.61	0	11.61	24	Pass
NVNT	ac20	5700	Ant4	13.05	0	13.05	24	Pass
NVNT	ac20	5700	Sum	15.4	0	15.4	24	Pass
NVNT	ac40	5510	Ant12	9.82	0	9.82	24	Pass
NVNT	ac40	5510	Ant4	10.51	0	10.51	24	Pass
NVNT	ac40	5510	Sum	13.189	0	13.189	24	Pass
NVNT	ac40	5590	Ant12	9.55	0	9.55	24	Pass
NVNT	ac40	5590	Ant4	10.59	0	10.59	24	Pass
NVNT	ac40	5590	Sum	13.111	0	13.111	24	Pass
NVNT	ac40	5670	Ant12	9.87	0	9.87	24	Pass
NVNT	ac40	5670	Ant4	9.98	0	9.98	24	Pass
NVNT	ac40	5670	Sum	12.936	0	12.936	24	Pass
NVNT	ac80	5530	Ant12	9.45	0	9.45	24	Pass
NVNT	ac80	5530	Ant4	10.35	0	10.35	24	Pass
NVNT	ac80	5530	Sum	12.934	0	12.934	24	Pass
NVNT	ac80	5610	Ant12	9.64	0	9.64	24	Pass
NVNT	ac80	5610	Ant4	11.39	0	11.39	24	Pass
NVNT	ac80	5610	Sum	13.613	0	13.613	24	Pass
NVNT	ax20	5500	Ant12	9.51	0	9.51	24	Pass
NVNT	ax20	5500	Ant4	10.5	0	10.5	24	Pass
NVNT	ax20	5500	Sum	13.043	0	13.043	24	Pass
NVNT	ax20	5600	Ant12	9.38	0	9.38	24	Pass
NVNT	ax20	5600	Ant4	10.69	0	10.69	24	Pass
NVNT	ax20	5600	Sum	13.095	0	13.095	24	Pass
NVNT	ax20	5700	Ant12	9.34	0	9.34	24	Pass
NVNT	ax20	5700	Ant4	11.01	0	11.01	24	Pass
NVNT	ax20	5700	Sum	13.265	0	13.265	24	Pass
NVNT	ax40	5510	Ant12	9.9	0	9.9	24	Pass

NVNT	ax40	5510	Ant4	10.56	0	10.56	24	Pass
NVNT	ax40	5510	Sum	13.253	0	13.253	24	Pass
NVNT	ax40	5590	Ant12	9.57	0	9.57	24	Pass
NVNT	ax40	5590	Ant4	10.74	0	10.74	24	Pass
NVNT	ax40	5590	Sum	13.205	0	13.205	24	Pass
NVNT	ax40	5670	Ant12	10.01	0	10.01	24	Pass
NVNT	ax40	5670	Ant4	10.16	0	10.16	24	Pass
NVNT	ax40	5670	Sum	13.096	0	13.096	24	Pass
NVNT	ax80	5530	Ant12	10.82	0	10.82	24	Pass
NVNT	ax80	5530	Ant4	11.58	0	11.58	24	Pass
NVNT	ax80	5530	Sum	14.227	0	14.227	24	Pass
NVNT	ax80	5610	Ant12	10.12	0	10.12	24	Pass
NVNT	ax80	5610	Ant4	11.69	0	11.69	24	Pass
NVNT	ax80	5610	Sum	13.986	0	13.986	24	Pass
NVNT	n20	5500	Ant12	12.75	0	12.75	24	Pass
NVNT	n20	5500	Ant4	13.57	0	13.57	24	Pass
NVNT	n20	5500	Sum	16.19	0	16.19	24	Pass
NVNT	n20	5600	Ant12	12.57	0	12.57	24	Pass
NVNT	n20	5600	Ant4	13.61	0	13.61	24	Pass
NVNT	n20	5600	Sum	16.131	0	16.131	24	Pass
NVNT	n20	5700	Ant12	12.54	0	12.54	24	Pass
NVNT	n20	5700	Ant4	14.03	0	14.03	24	Pass
NVNT	n20	5700	Sum	16.359	0	16.359	24	Pass
NVNT	n40	5510	Ant12	13.07	0	13.07	24	Pass
NVNT	n40	5510	Ant4	13.62	0	13.62	24	Pass
NVNT	n40	5510	Sum	16.364	0	16.364	24	Pass
NVNT	n40	5590	Ant12	12.71	0	12.71	24	Pass
NVNT	n40	5590	Ant4	13.59	0	13.59	24	Pass
NVNT	n40	5590	Sum	16.183	0	16.183	24	Pass
NVNT	n40	5670	Ant12	13.04	0	13.04	24	Pass
NVNT	n40	5670	Ant4	12.95	0	12.95	24	Pass
NVNT	n40	5670	Sum	16.006	0	16.006	24	Pass

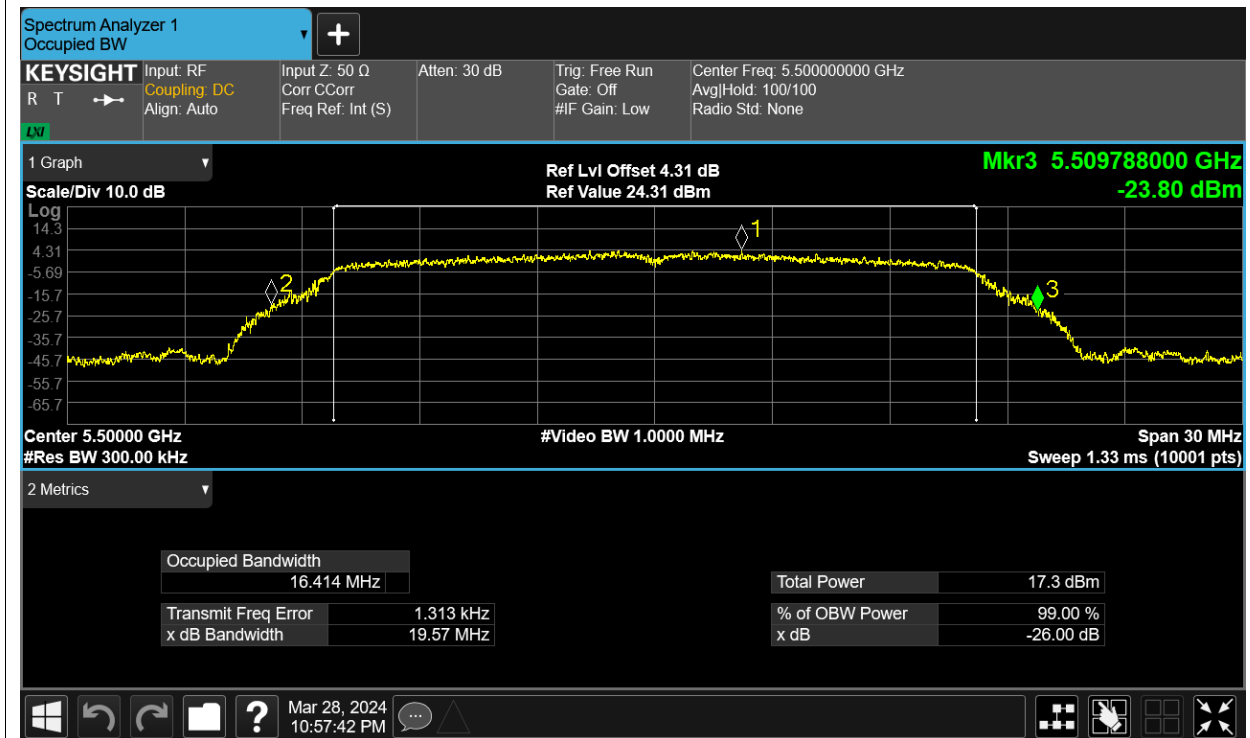
-26dB Bandwidth

Condition	Mode	Frequency (MHz)	Antenna	-26 dB Bandwidth (MHz)
NVNT	a	5500	Ant12	19.572
NVNT	a	5600	Ant12	19.855
NVNT	a	5700	Ant12	19.98
NVNT	a	5500	Ant4	19.851
NVNT	a	5600	Ant4	19.71
NVNT	a	5700	Ant4	19.821
NVNT	ac20	5500	Ant12	20.196
NVNT	ac20	5500	Ant4	19.822
NVNT	ac20	5600	Ant12	20.182
NVNT	ac20	5600	Ant4	19.996
NVNT	ac20	5700	Ant12	20.025
NVNT	ac20	5700	Ant4	20.076
NVNT	ac40	5510	Ant12	39.51
NVNT	ac40	5510	Ant4	39.681
NVNT	ac40	5590	Ant12	38.92
NVNT	ac40	5590	Ant4	39.344
NVNT	ac40	5670	Ant12	39.655
NVNT	ac40	5670	Ant4	39.142
NVNT	ac80	5530	Ant12	78.681
NVNT	ac80	5530	Ant4	78.558
NVNT	ac80	5610	Ant12	78.813
NVNT	ac80	5610	Ant4	79.091
NVNT	ax20	5500	Ant12	19.863
NVNT	ax20	5500	Ant4	19.846
NVNT	ax20	5600	Ant12	19.823
NVNT	ax20	5600	Ant4	19.775
NVNT	ax20	5700	Ant12	19.849
NVNT	ax20	5700	Ant4	19.878
NVNT	ax40	5510	Ant12	39.166
NVNT	ax40	5510	Ant4	39.198
NVNT	ax40	5590	Ant12	39.179
NVNT	ax40	5590	Ant4	39.291
NVNT	ax40	5670	Ant12	39.137
NVNT	ax40	5670	Ant4	39.126
NVNT	ax80	5530	Ant12	79.185
NVNT	ax80	5530	Ant4	79.196
NVNT	ax80	5610	Ant12	79.304
NVNT	ax80	5610	Ant4	79.168
NVNT	n20	5500	Ant12	20.134
NVNT	n20	5500	Ant4	19.69
NVNT	n20	5600	Ant12	20.206

NVNT	n20	5600	Ant4	20.009
NVNT	n20	5700	Ant12	20.182
NVNT	n20	5700	Ant4	19.726
NVNT	n40	5510	Ant12	39.78
NVNT	n40	5510	Ant4	39.198
NVNT	n40	5590	Ant12	39.69
NVNT	n40	5590	Ant4	39.562
NVNT	n40	5670	Ant12	39.676
NVNT	n40	5670	Ant4	39.456

Test Graphs

-26dB Bandwidth NVNT a 5500MHz Ant12



-26dB Bandwidth NVNT a 5600MHz Ant12



-26dB Bandwidth NVNT a 5700MHz Ant12



-26dB Bandwidth NVNT a 5500MHz Ant4



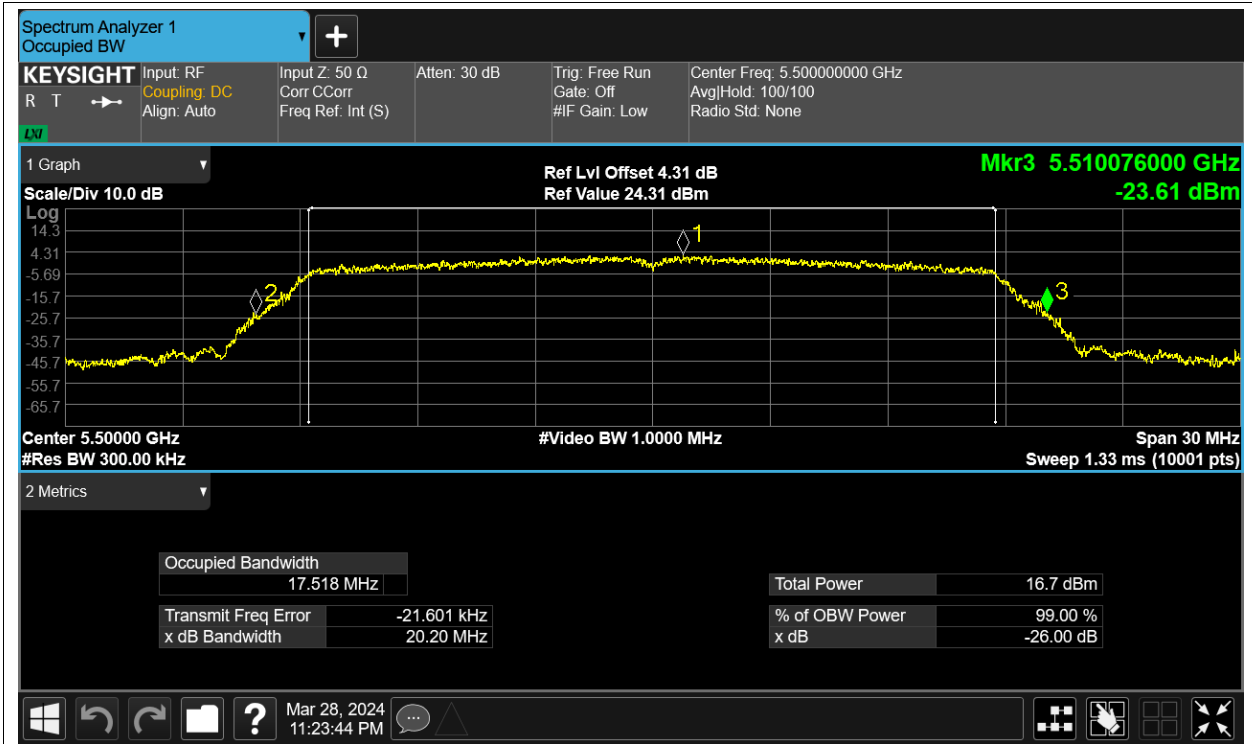
-26dB Bandwidth NVNT a 5600MHz Ant4



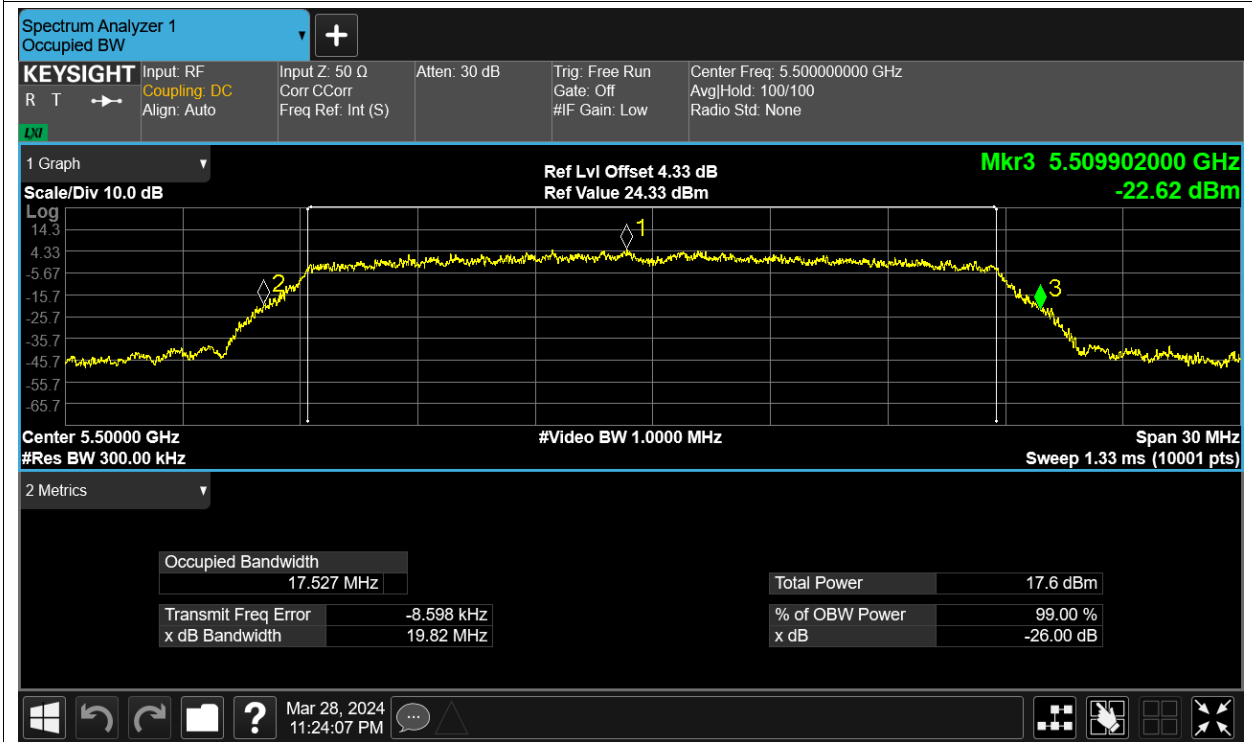
-26dB Bandwidth NVNT a 5700MHz Ant4



-26dB Bandwidth NVNT ac20 5500MHz Ant12



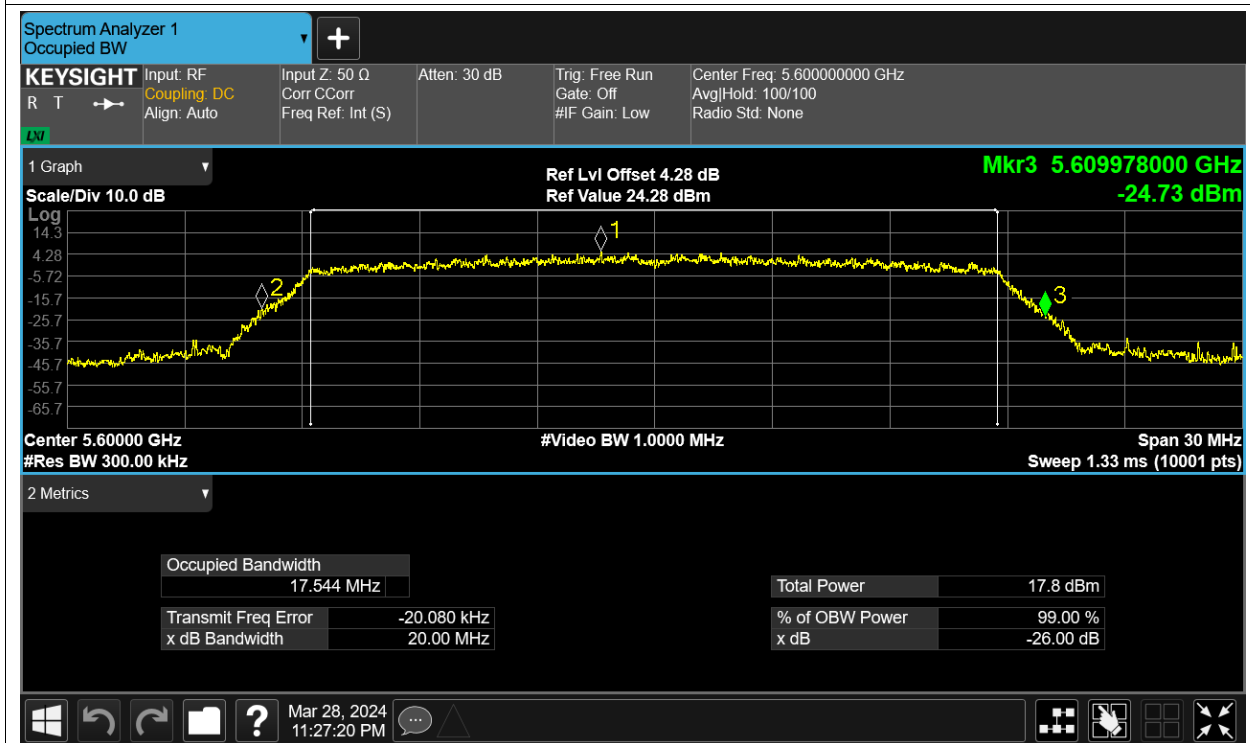
-26dB Bandwidth NVNT ac20 5500MHz Ant4



-26dB Bandwidth NVNT ac20 5600MHz Ant12



-26dB Bandwidth NVNT ac20 5600MHz Ant4



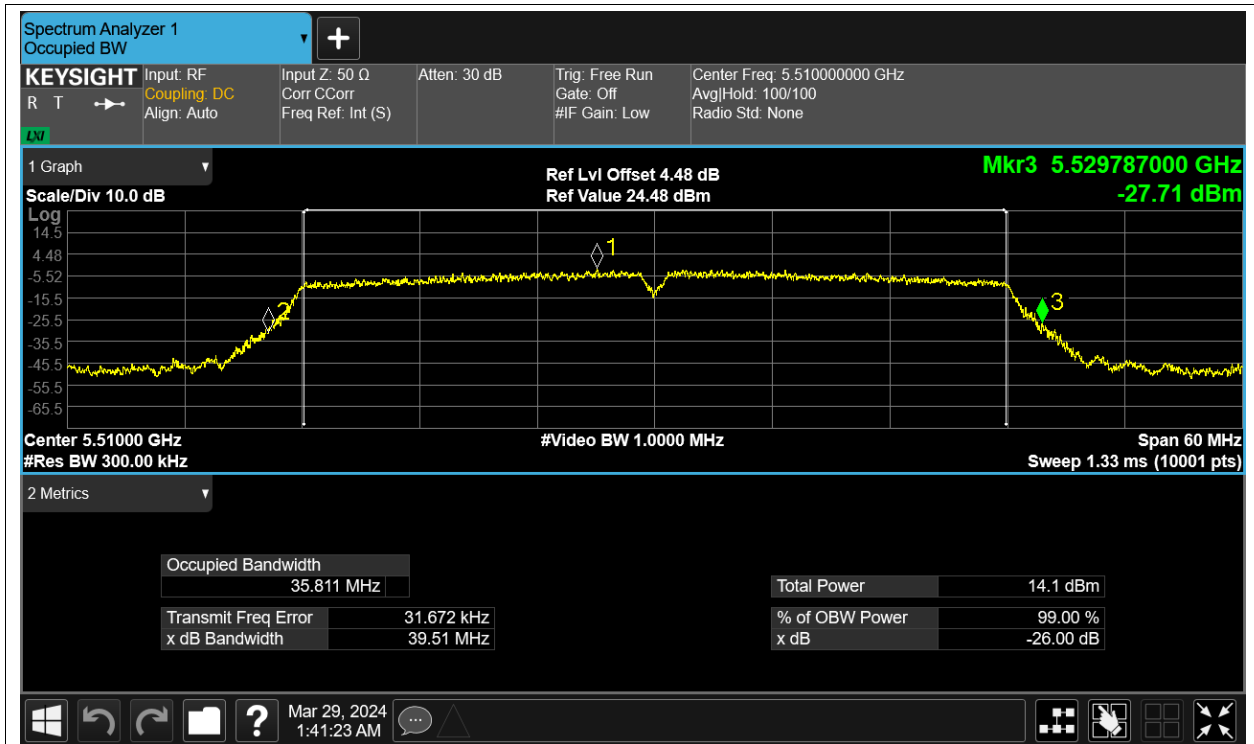
-26dB Bandwidth NVNT ac20 5700MHz Ant12



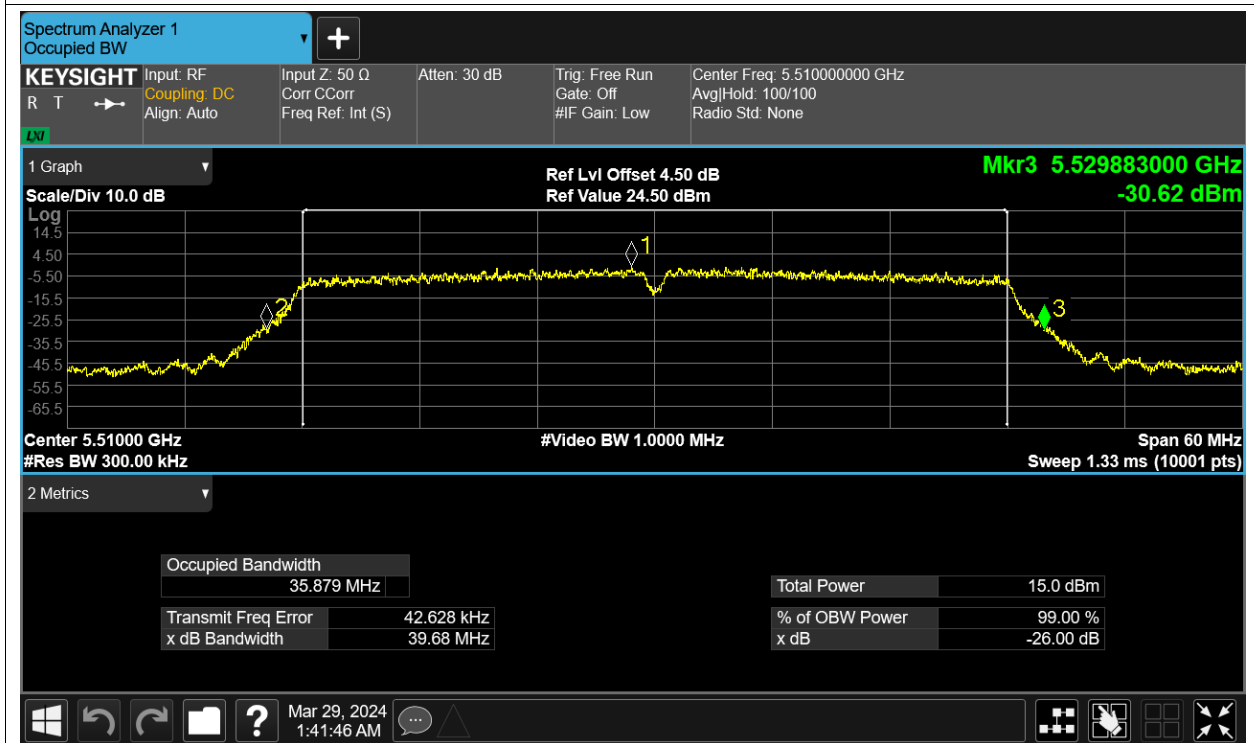
-26dB Bandwidth NVNT ac20 5700MHz Ant4



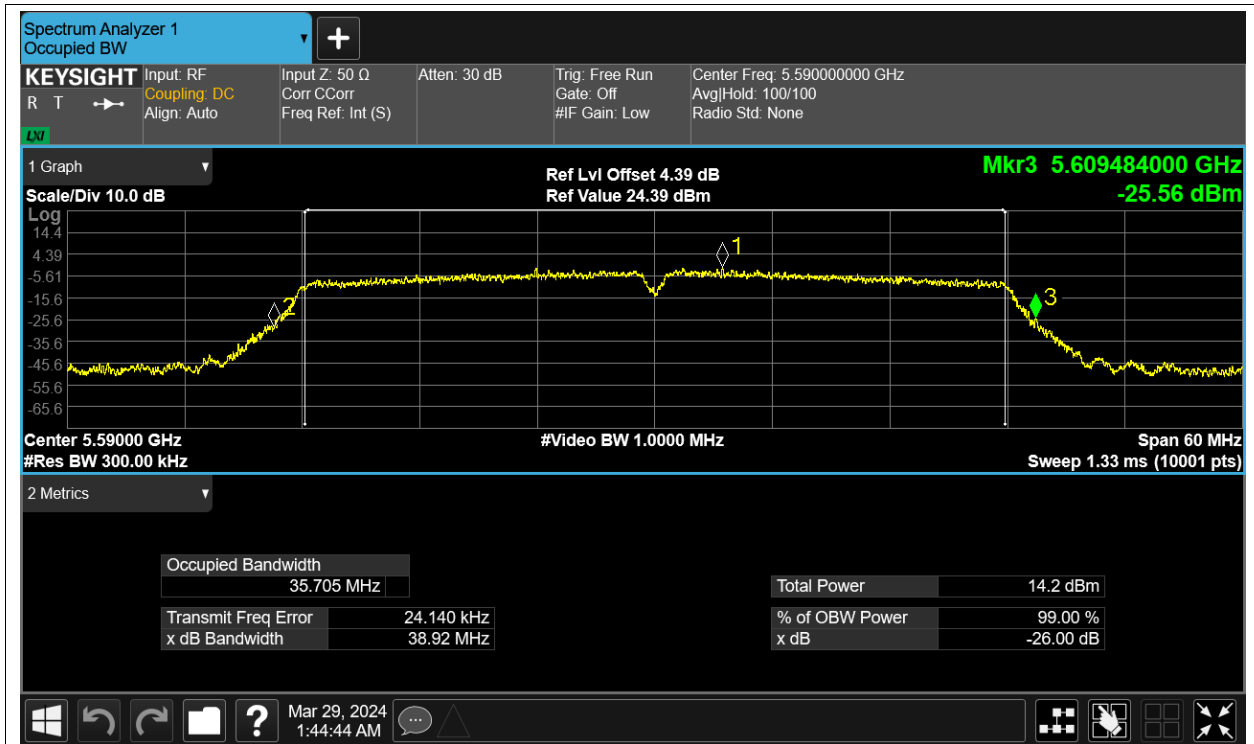
-26dB Bandwidth NVNT ac40 5510MHz Ant12



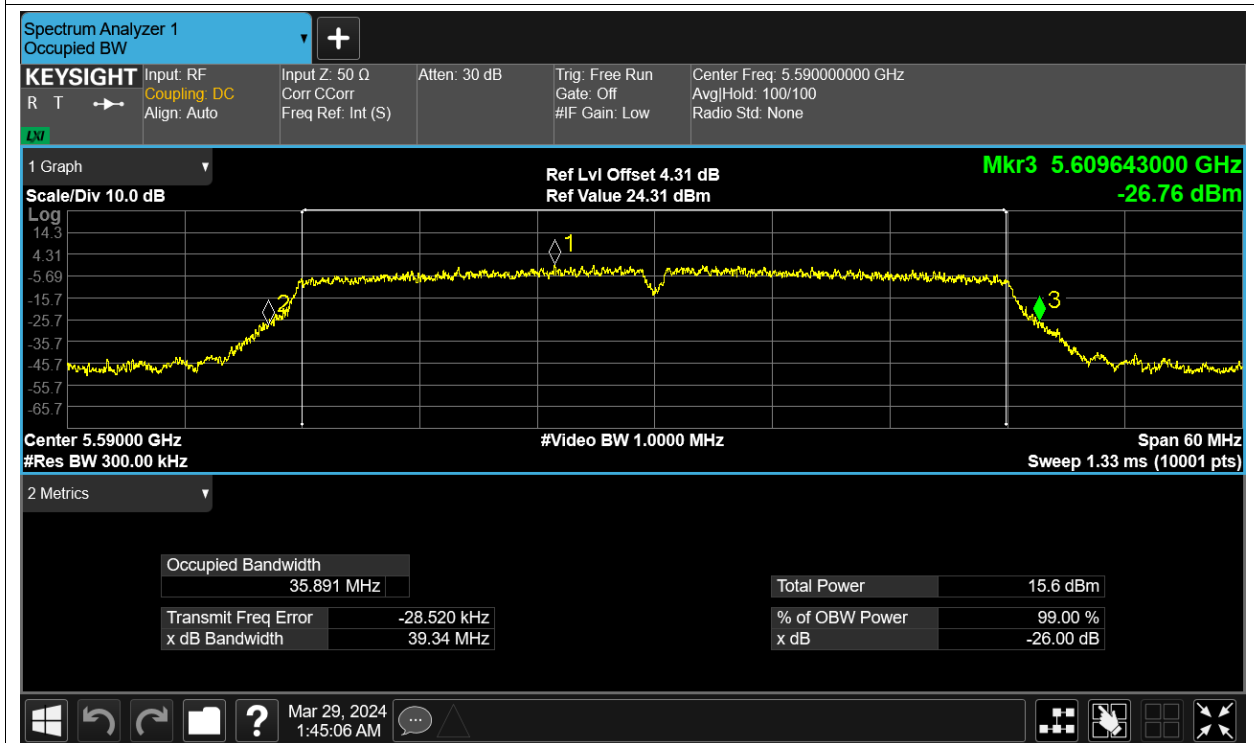
-26dB Bandwidth NVNT ac40 5510MHz Ant4



-26dB Bandwidth NVNT ac40 5590MHz Ant12



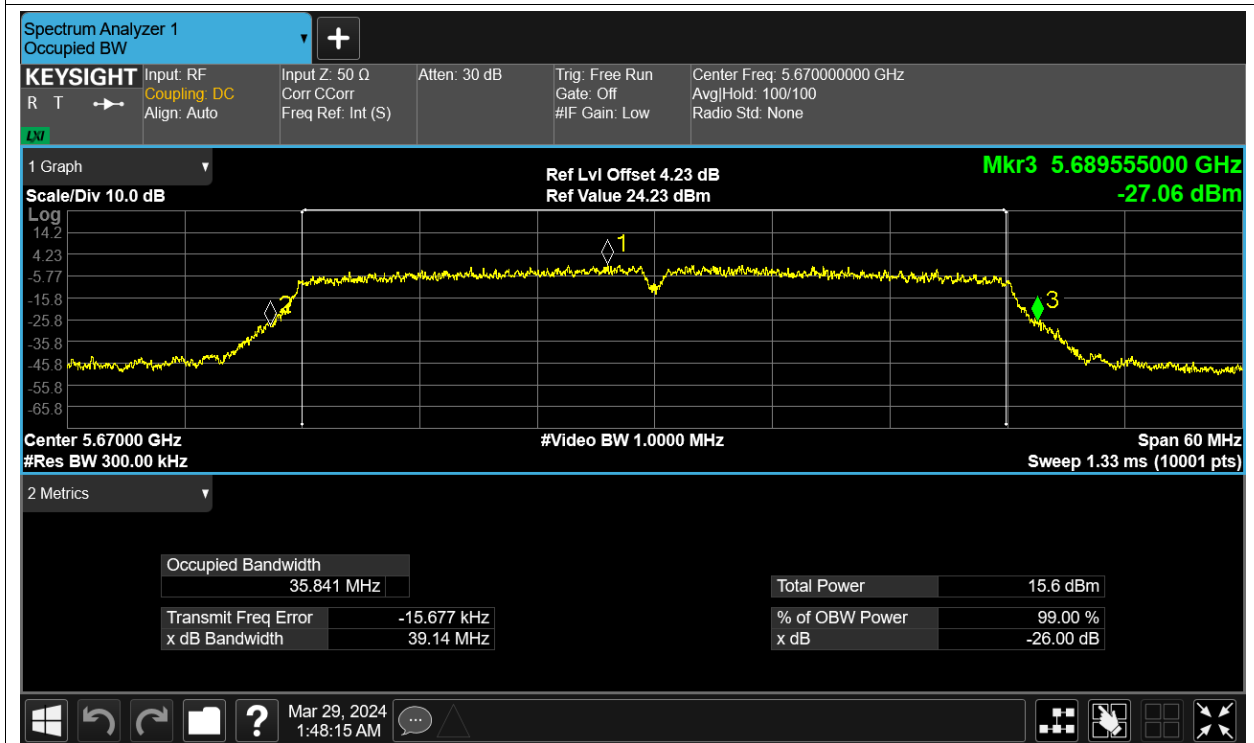
-26dB Bandwidth NVNT ac40 5590MHz Ant4



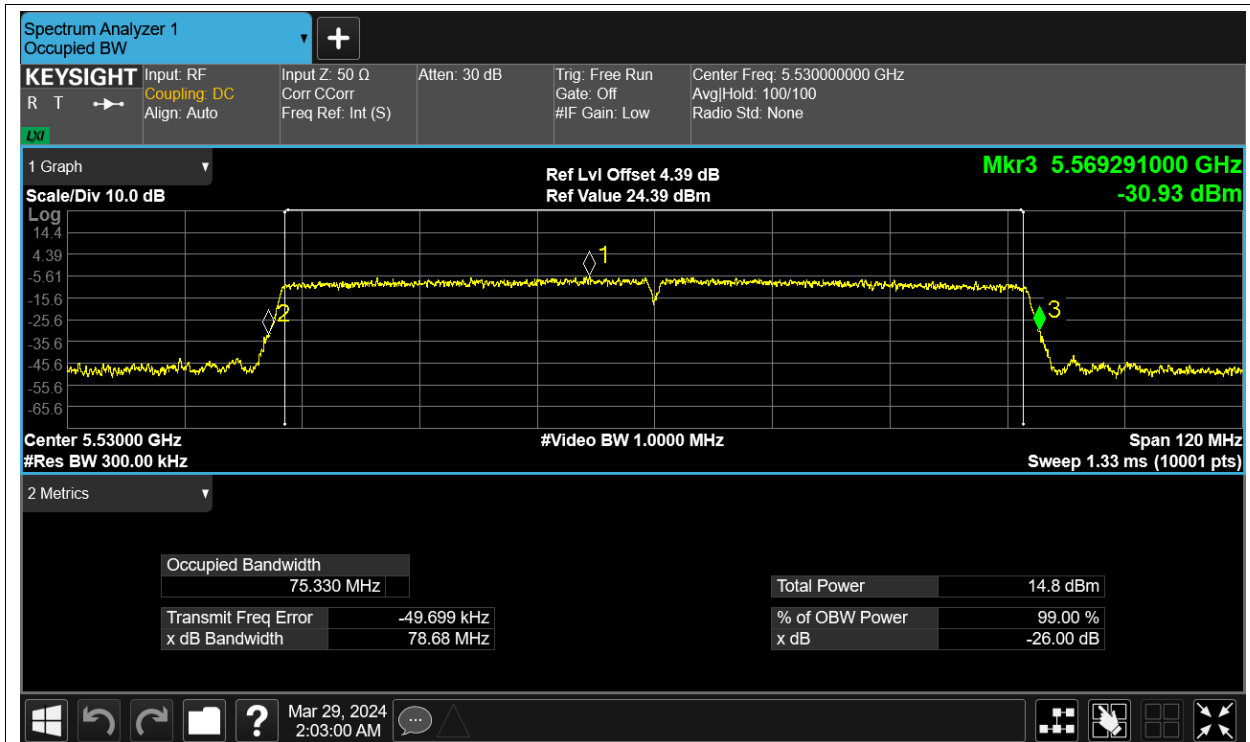
-26dB Bandwidth NVNT ac40 5670MHz Ant12



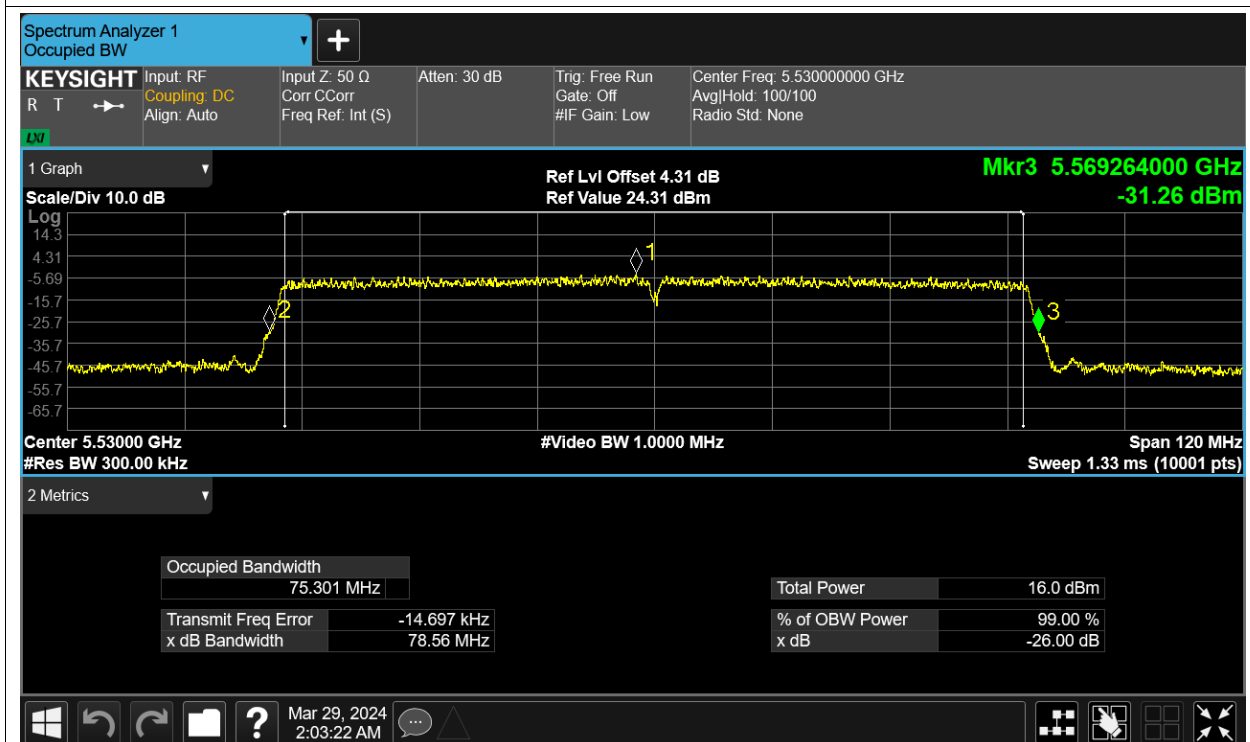
-26dB Bandwidth NVNT ac40 5670MHz Ant4



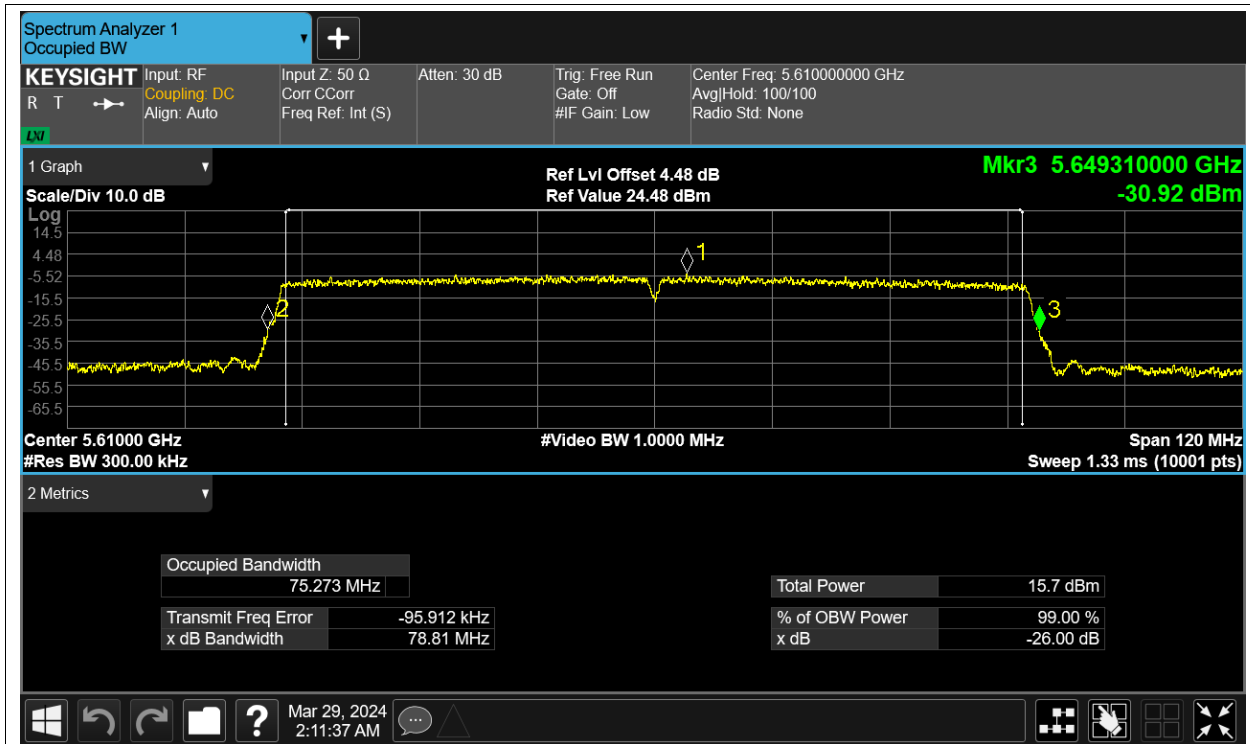
-26dB Bandwidth NVNT ac80 5530MHz Ant12



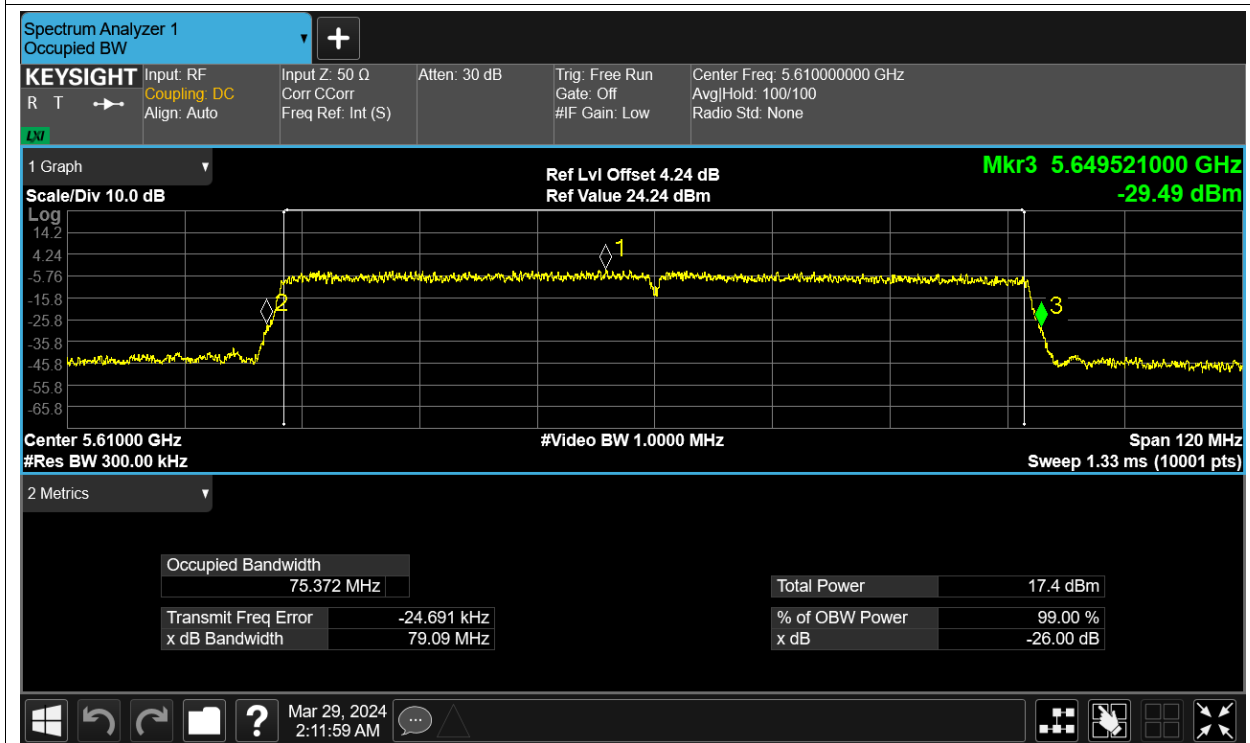
-26dB Bandwidth NVNT ac80 5530MHz Ant4



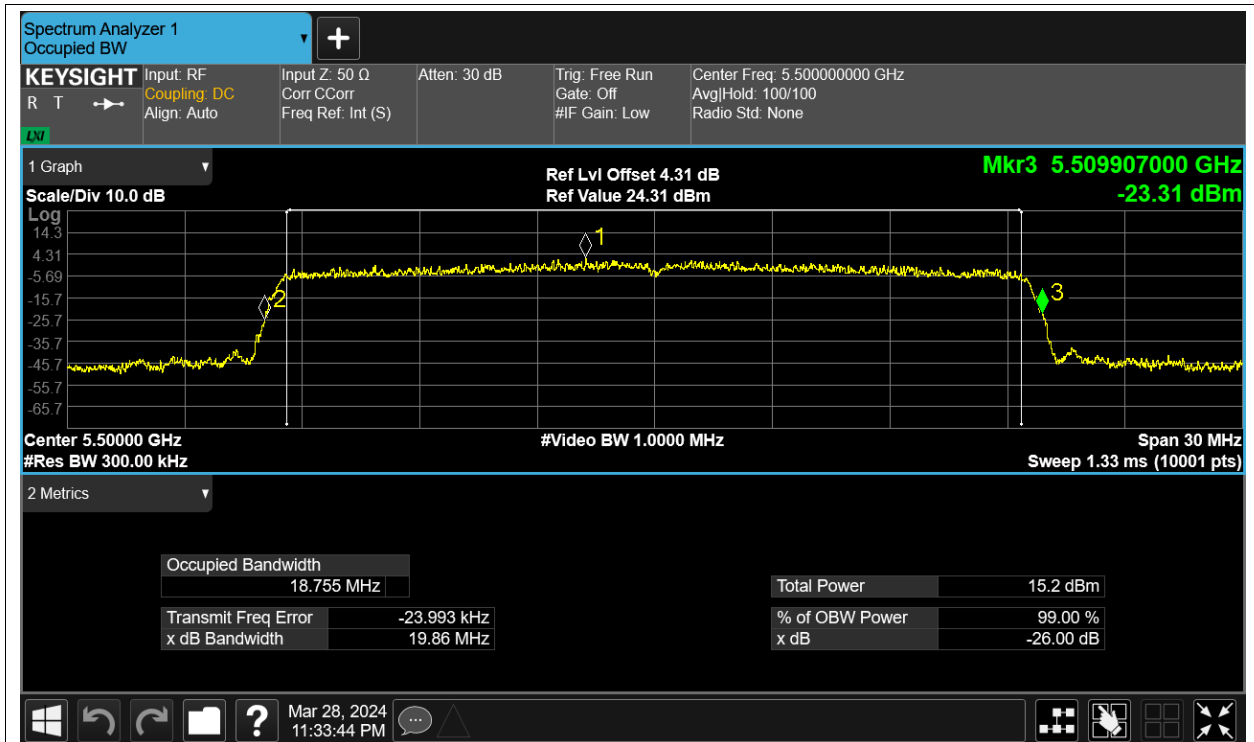
-26dB Bandwidth NVNT ac80 5610MHz Ant12



-26dB Bandwidth NVNT ac80 5610MHz Ant4



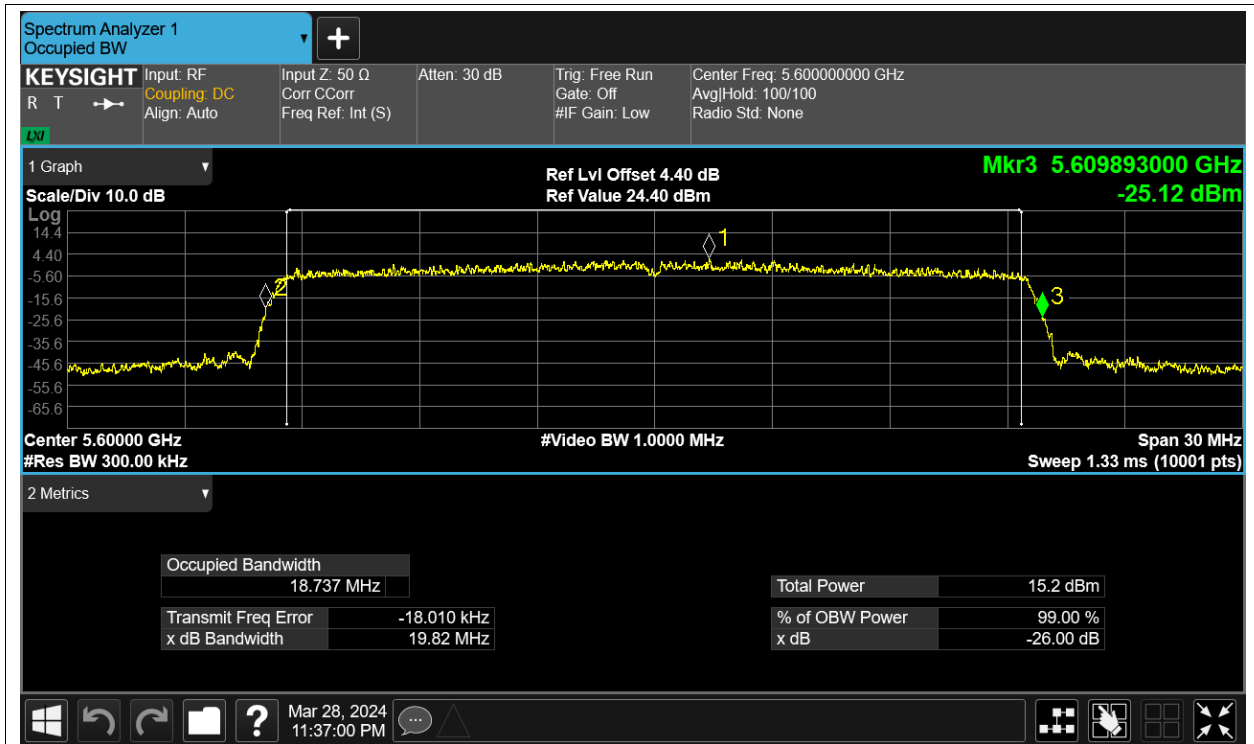
-26dB Bandwidth NVNT ax20 5500MHz Ant12



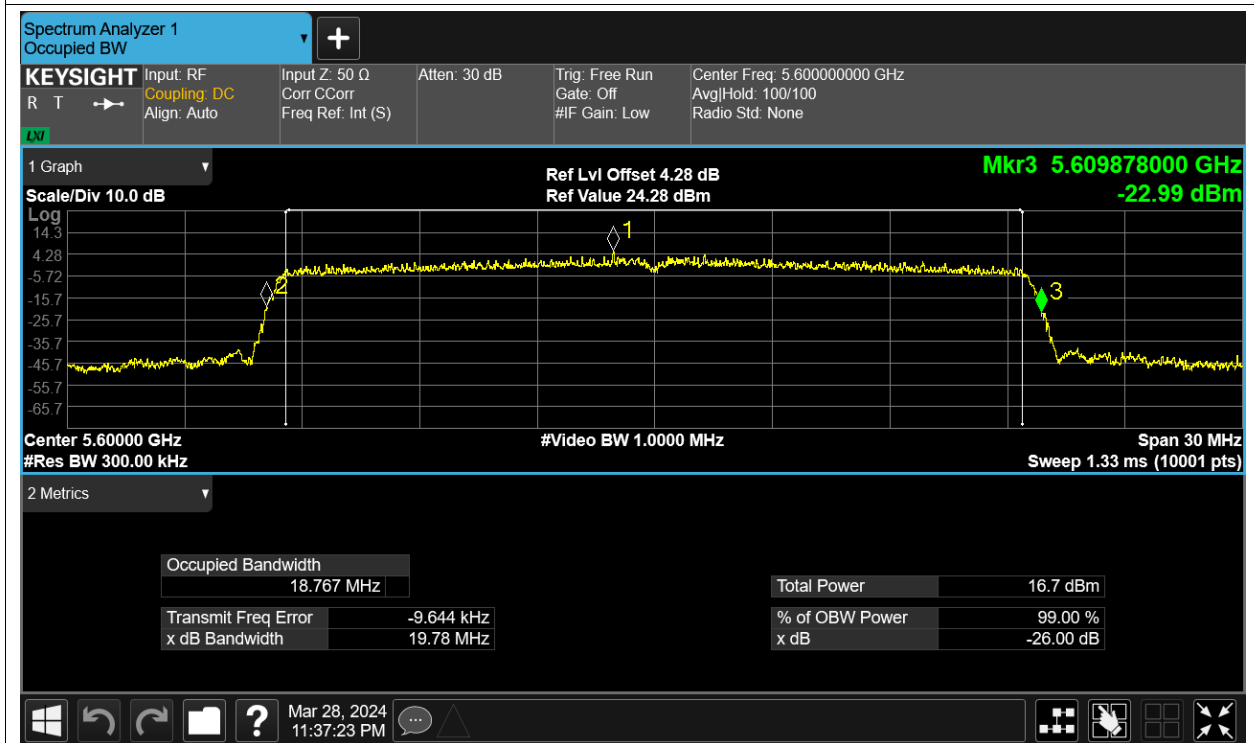
-26dB Bandwidth NVNT ax20 5500MHz Ant4



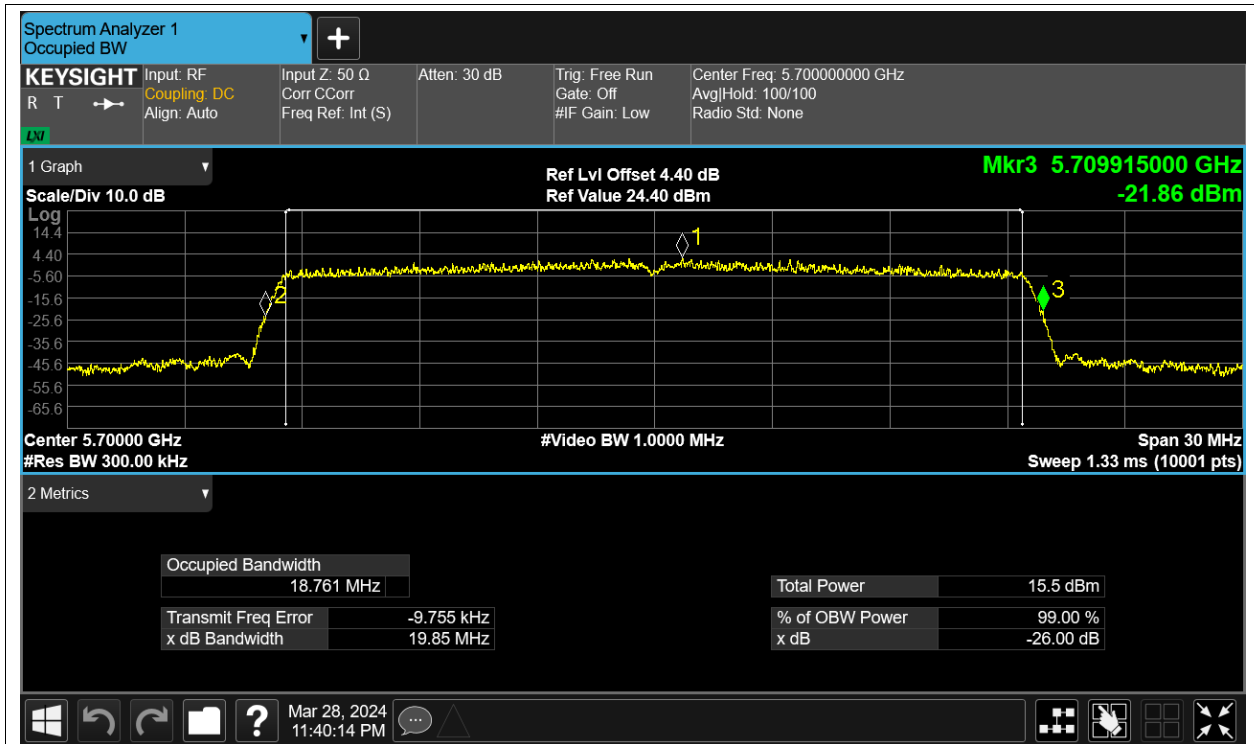
-26dB Bandwidth NVNT ax20 5600MHz Ant12



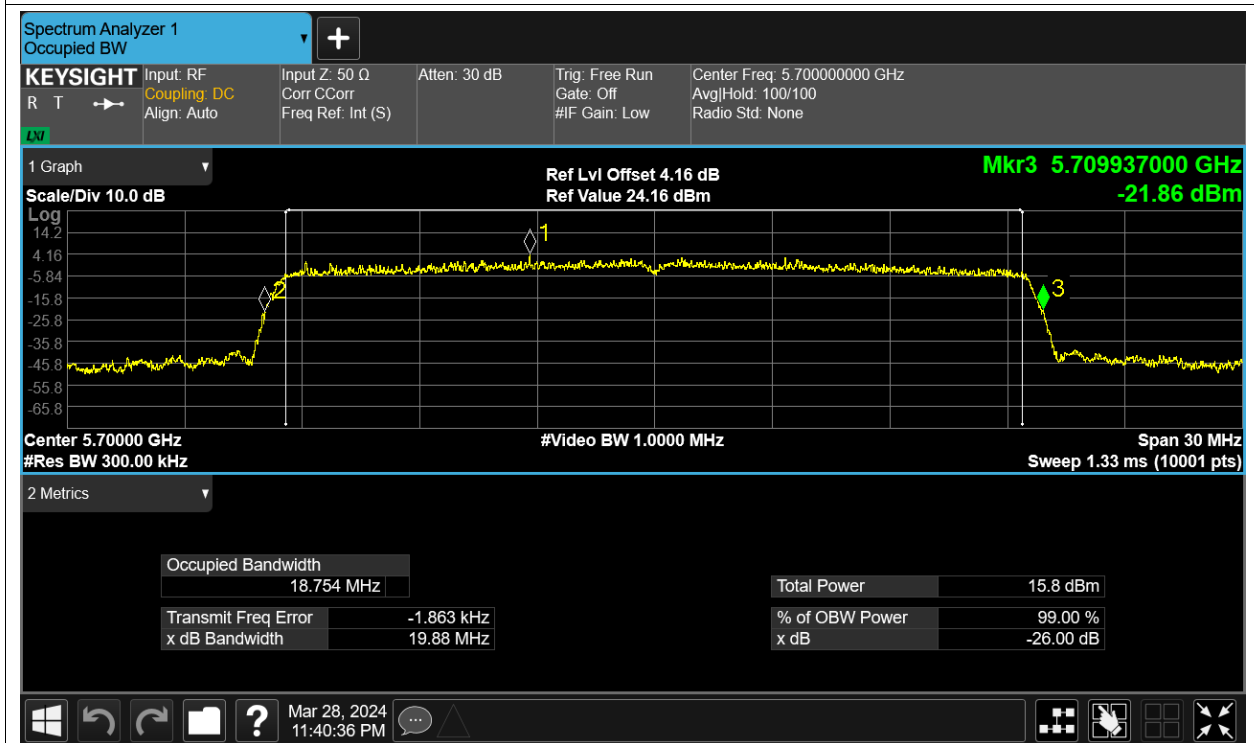
-26dB Bandwidth NVNT ax20 5600MHz Ant4



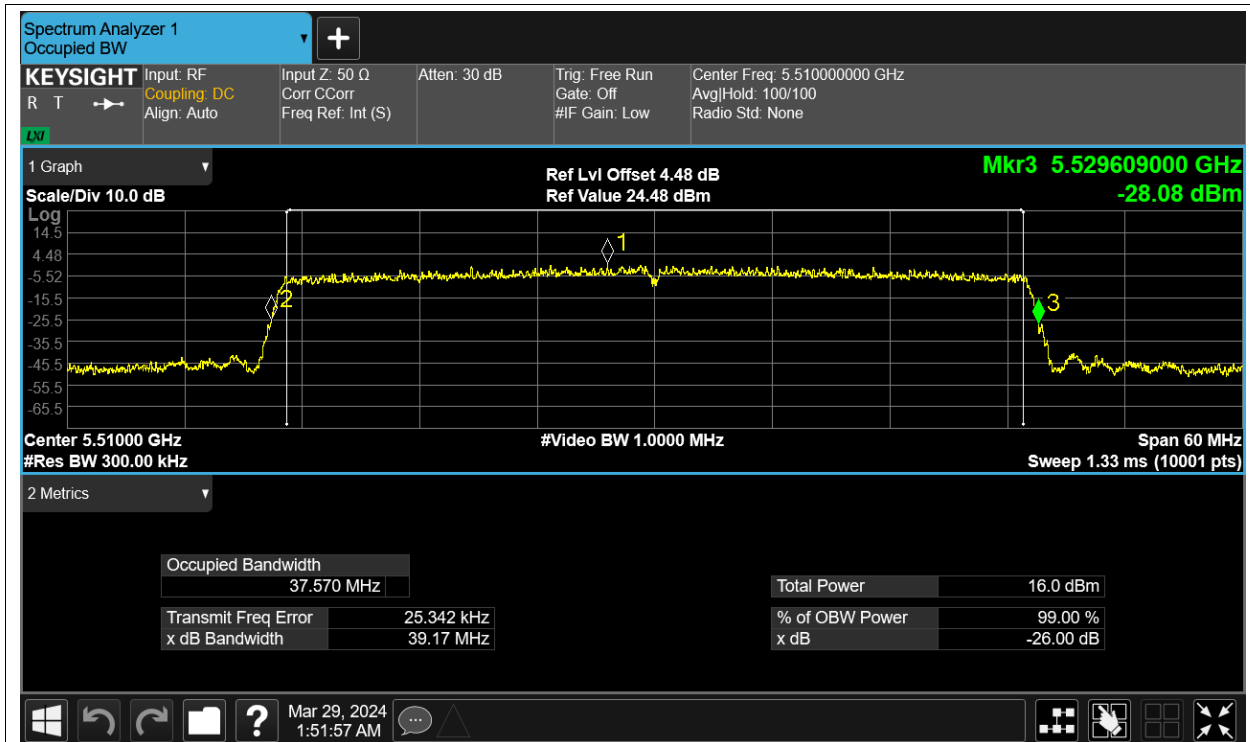
-26dB Bandwidth NVNT ax20 5700MHz Ant12



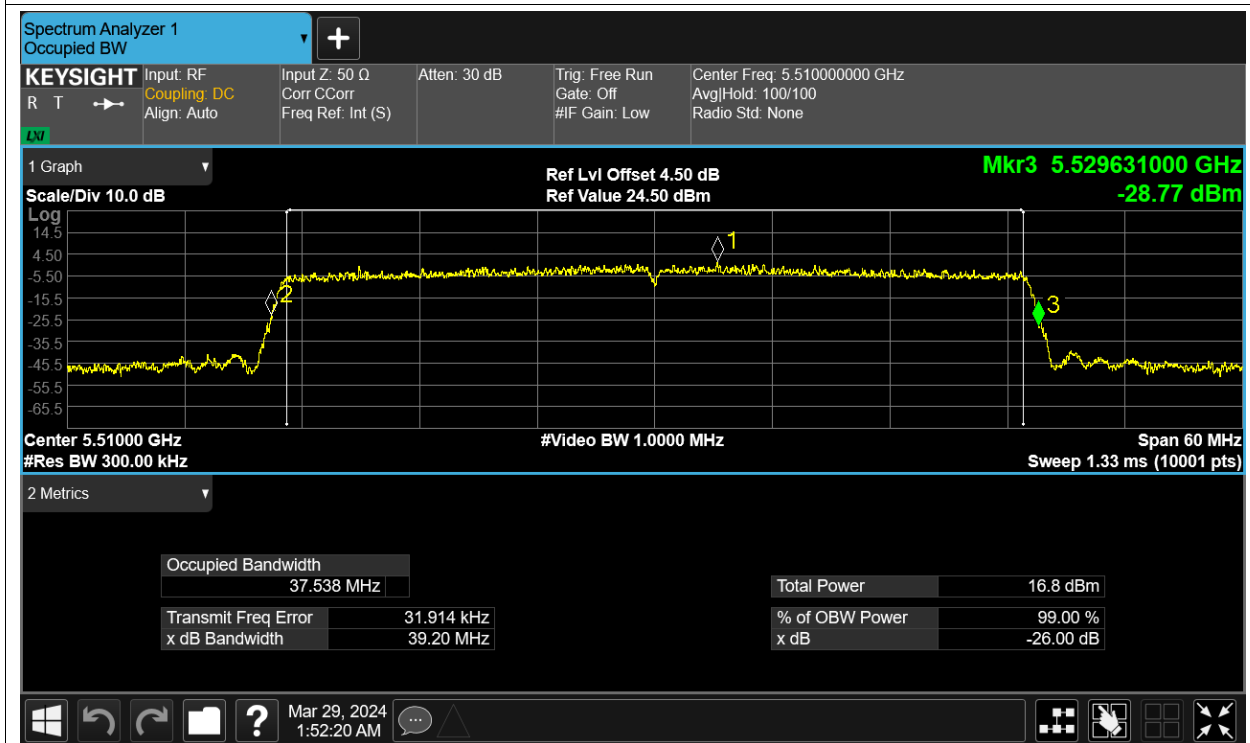
-26dB Bandwidth NVNT ax20 5700MHz Ant4



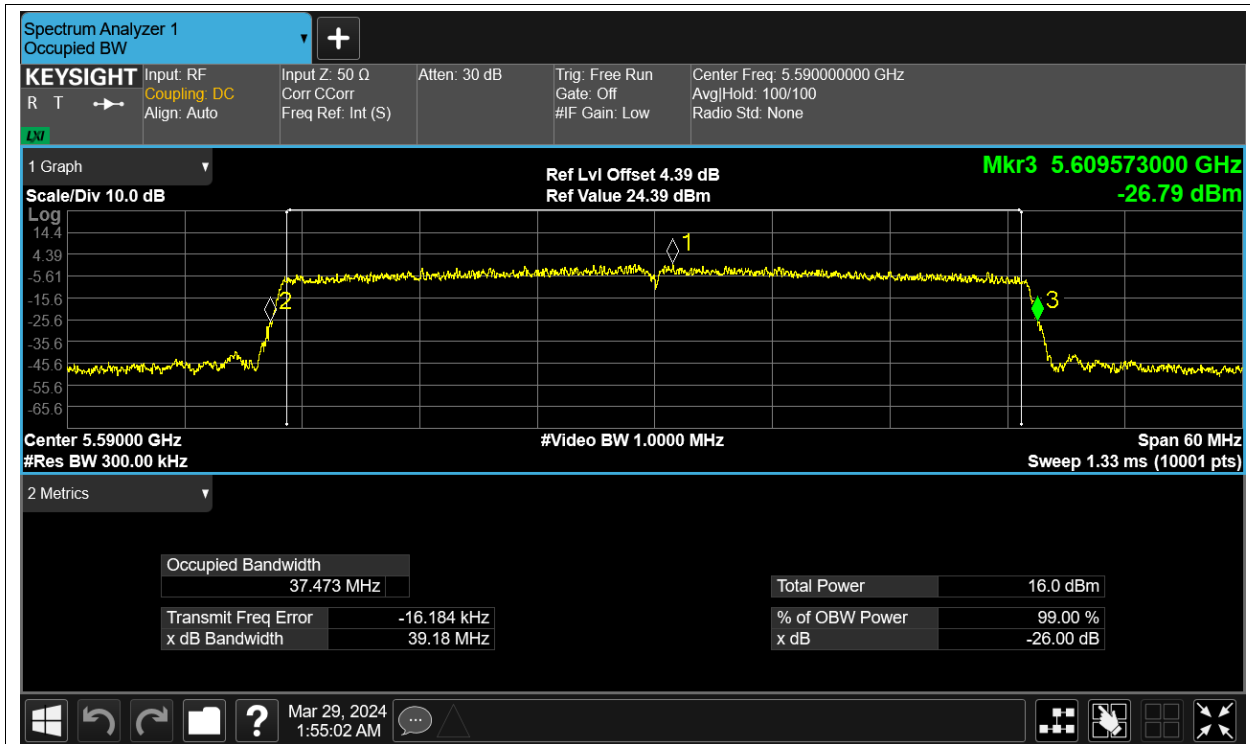
-26dB Bandwidth NVNT ax40 5510MHz Ant12



-26dB Bandwidth NVNT ax40 5510MHz Ant4



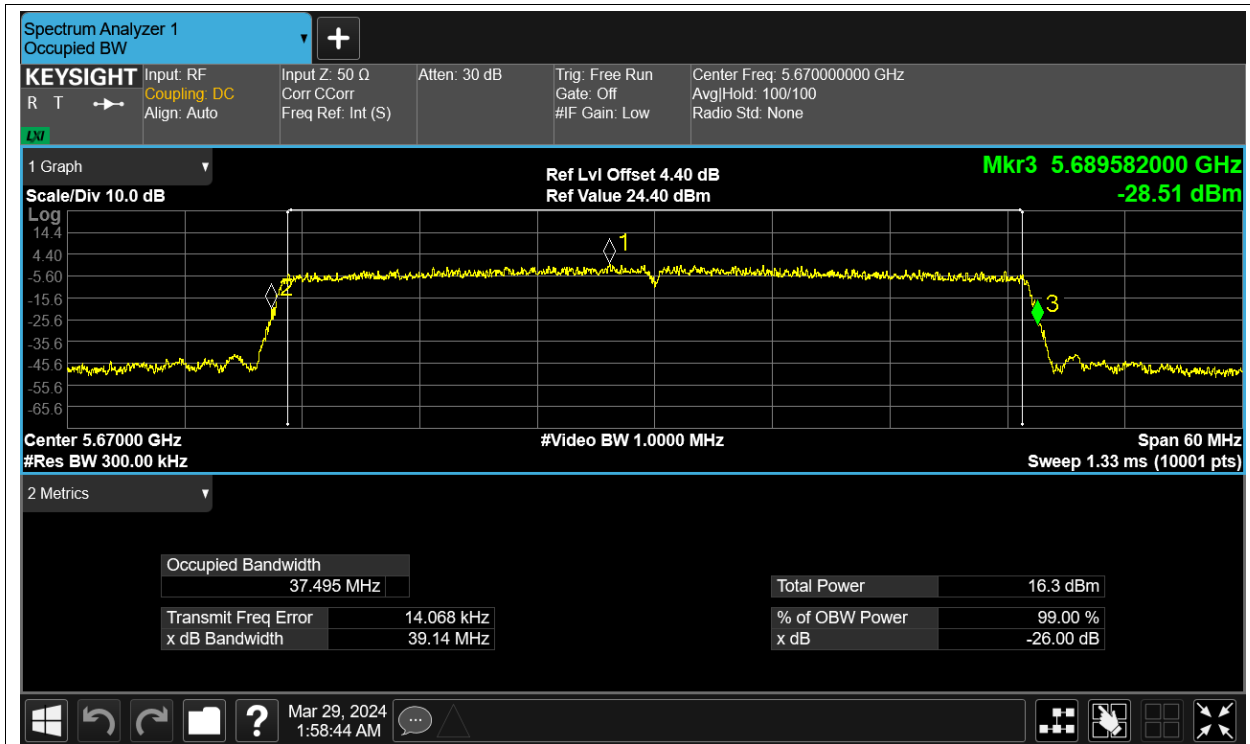
-26dB Bandwidth NVNT ax40 5590MHz Ant12



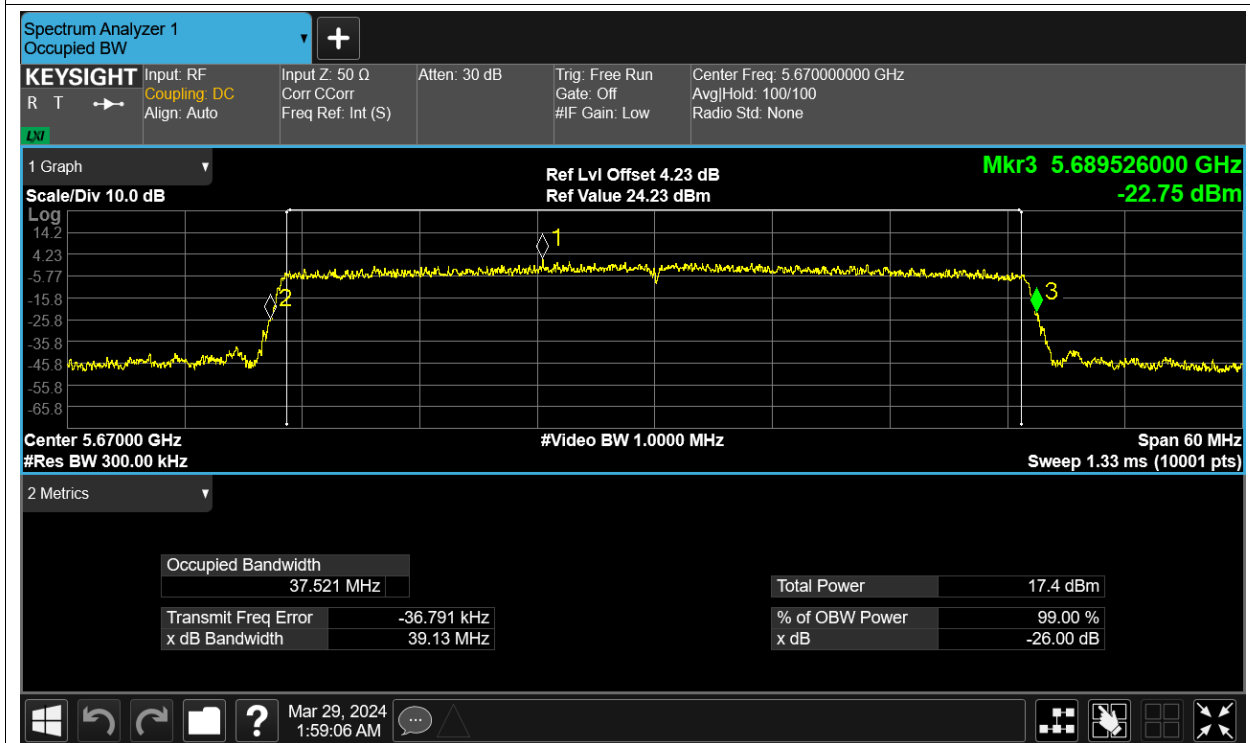
-26dB Bandwidth NVNT ax40 5590MHz Ant4



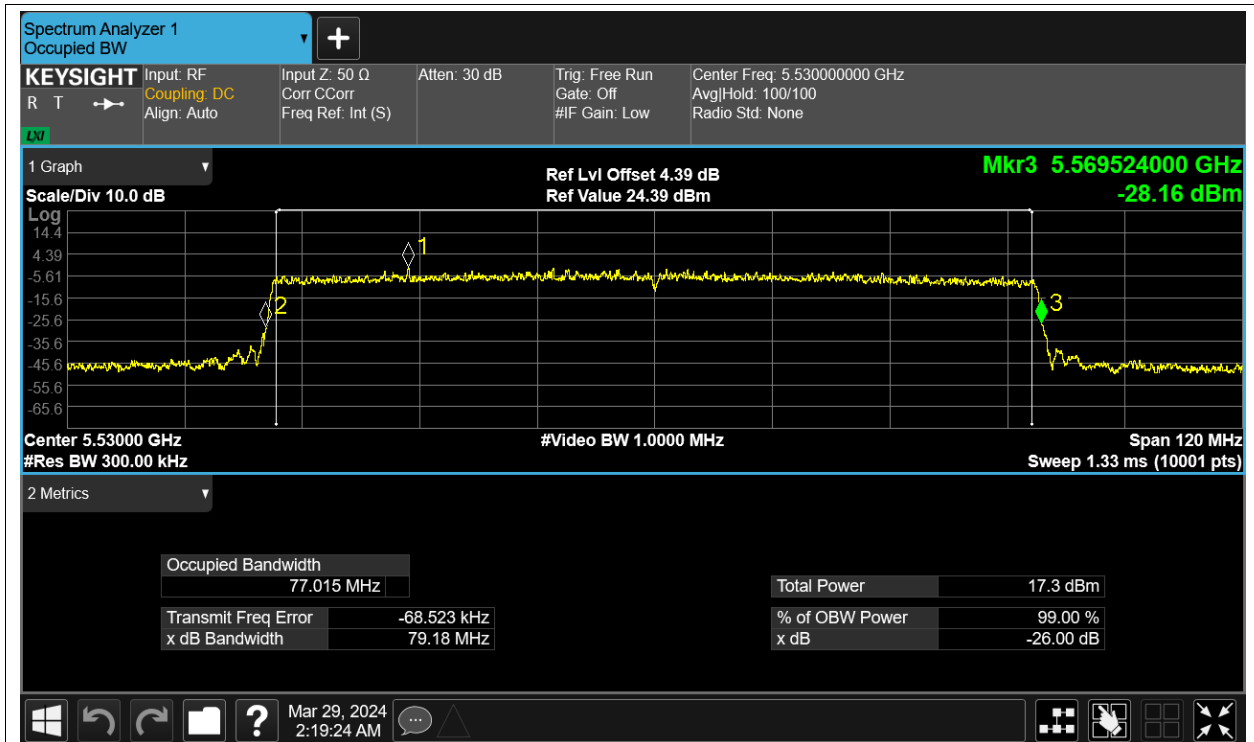
-26dB Bandwidth NVNT ax40 5670MHz Ant12



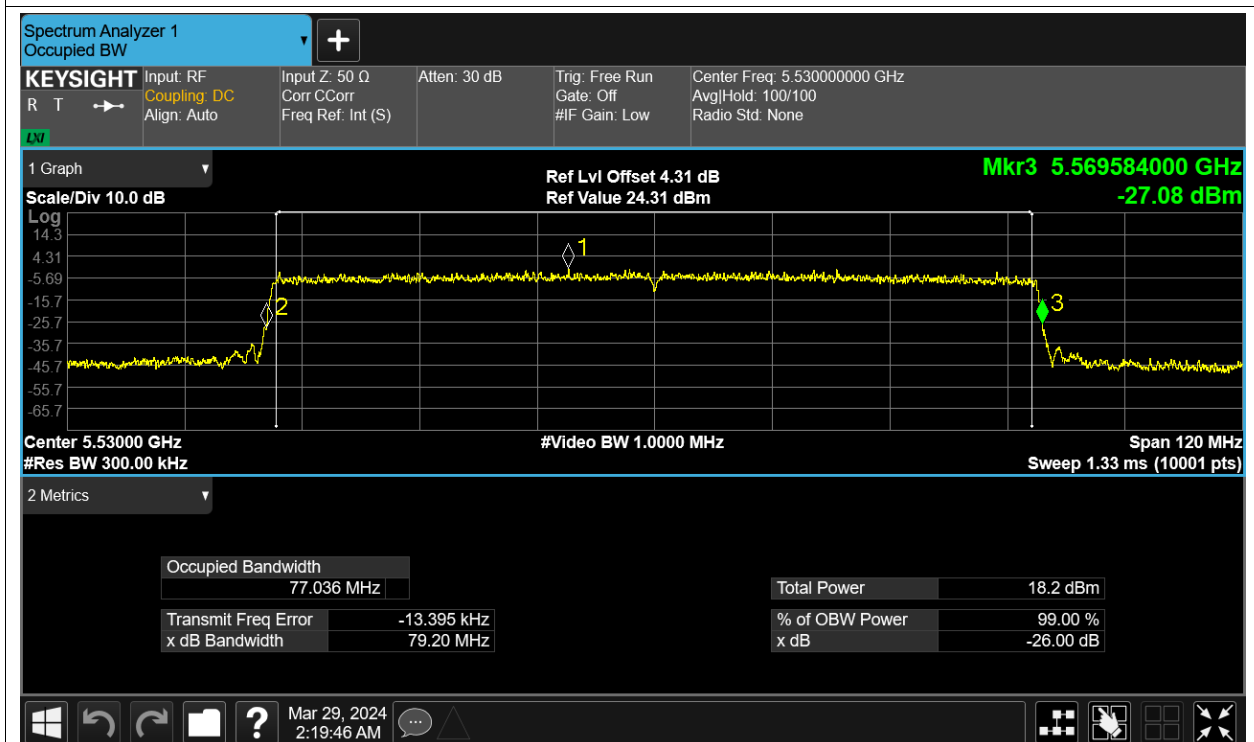
-26dB Bandwidth NVNT ax40 5670MHz Ant4



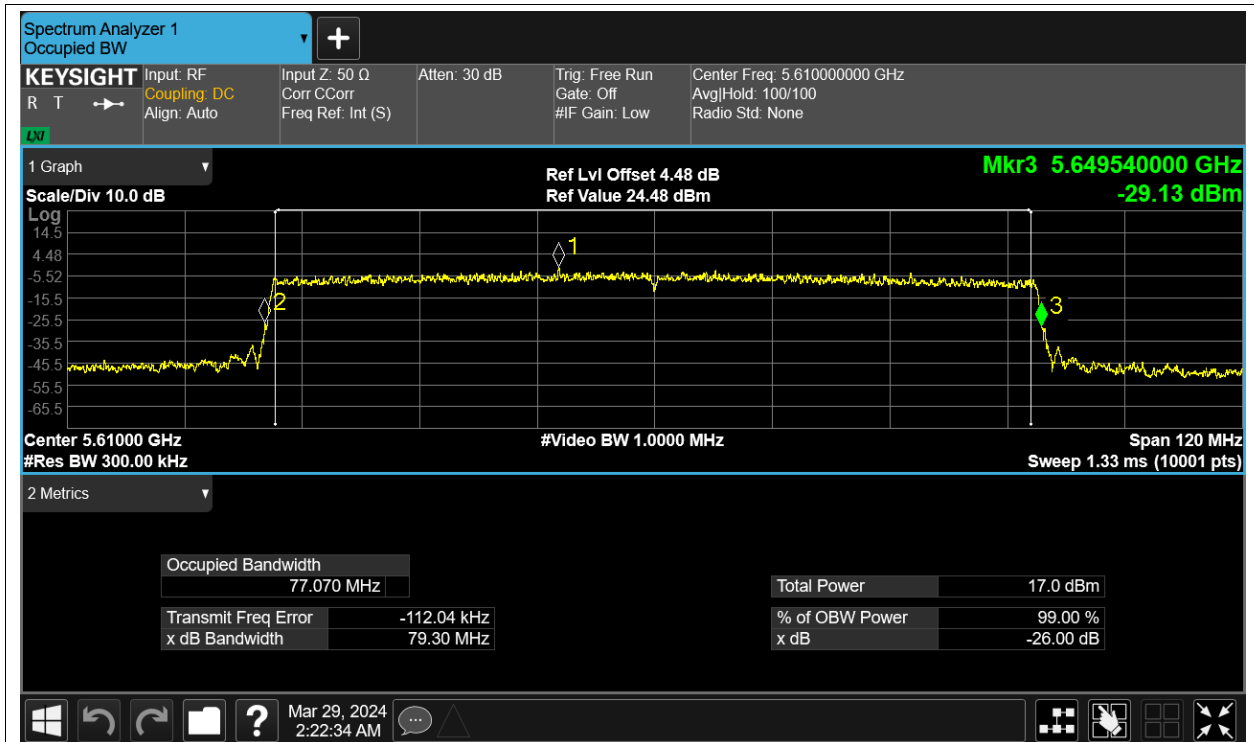
-26dB Bandwidth NVNT ax80 5530MHz Ant12



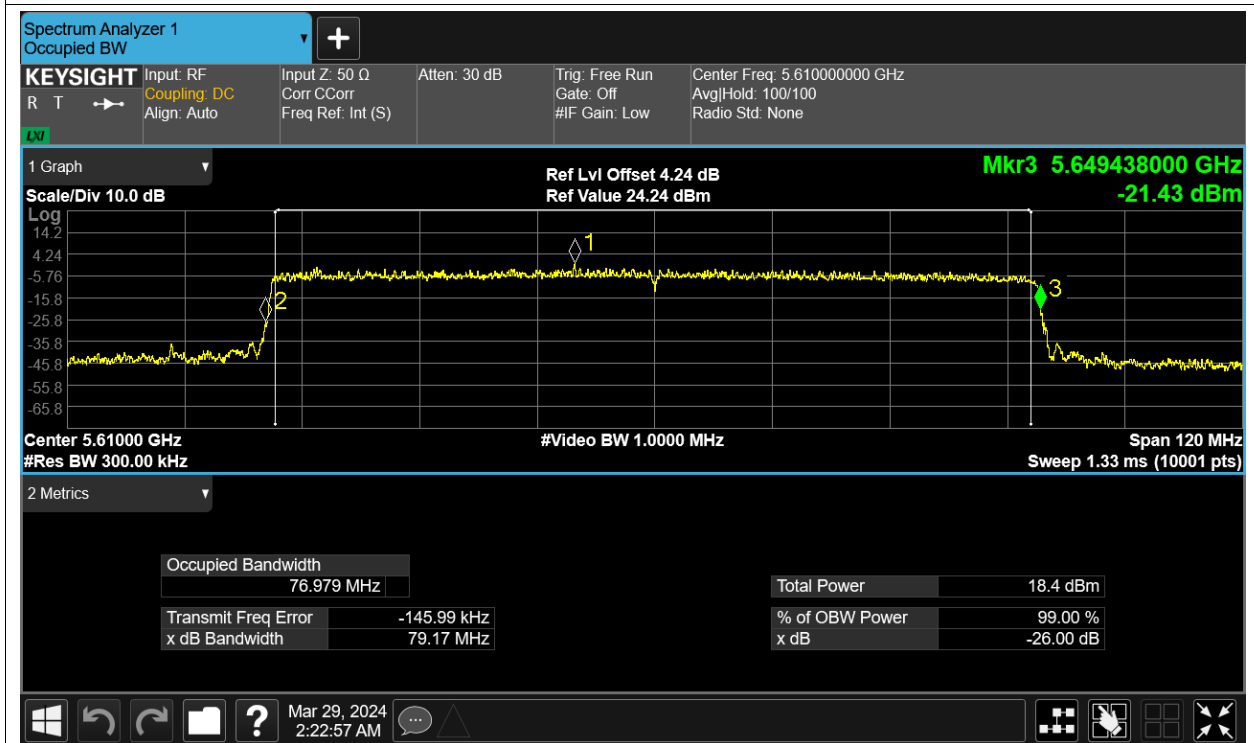
-26dB Bandwidth NVNT ax80 5530MHz Ant4



-26dB Bandwidth NVNT ax80 5610MHz Ant12



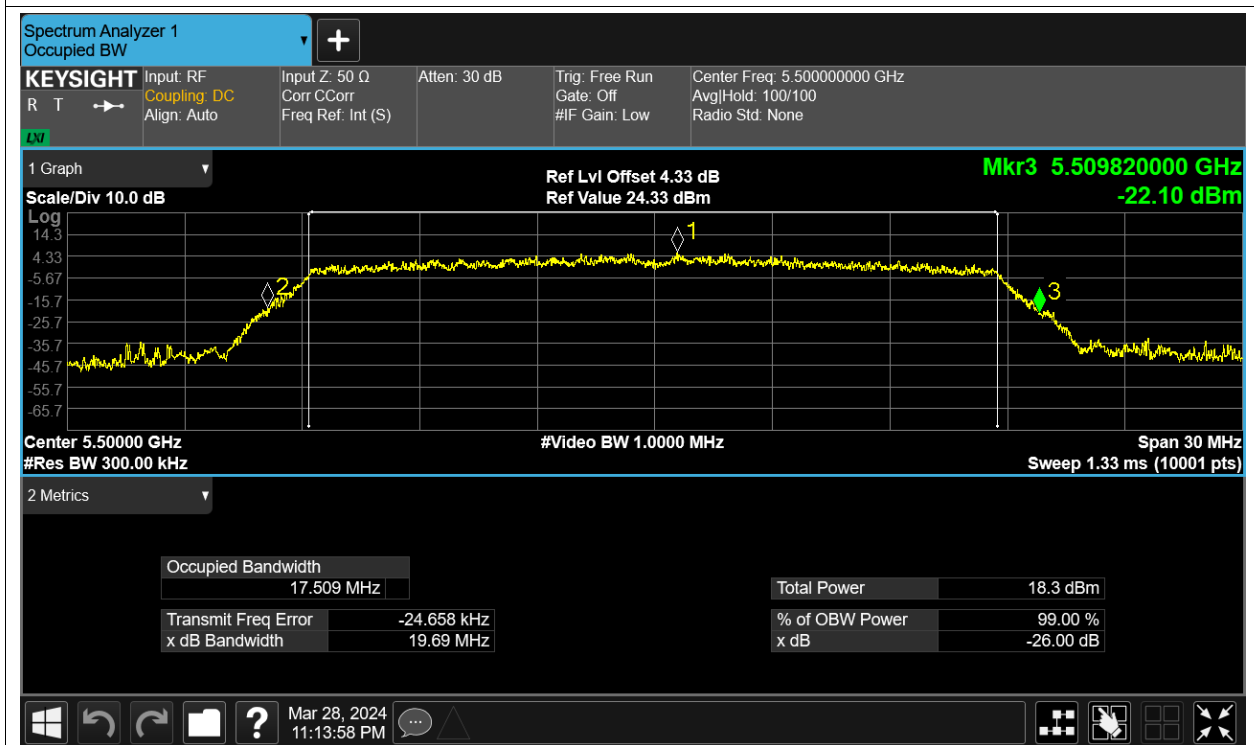
-26dB Bandwidth NVNT ax80 5610MHz Ant4



-26dB Bandwidth NVNT n20 5500MHz Ant12



-26dB Bandwidth NVNT n20 5500MHz Ant4



-26dB Bandwidth NVNT n20 5600MHz Ant12



-26dB Bandwidth NVNT n20 5600MHz Ant4



-26dB Bandwidth NVNT n20 5700MHz Ant12



-26dB Bandwidth NVNT n20 5700MHz Ant4



-26dB Bandwidth NVNT n40 5510MHz Ant12



-26dB Bandwidth NVNT n40 5510MHz Ant4



-26dB Bandwidth NVNT n40 5590MHz Ant12