

Test Data

Frequency Stability

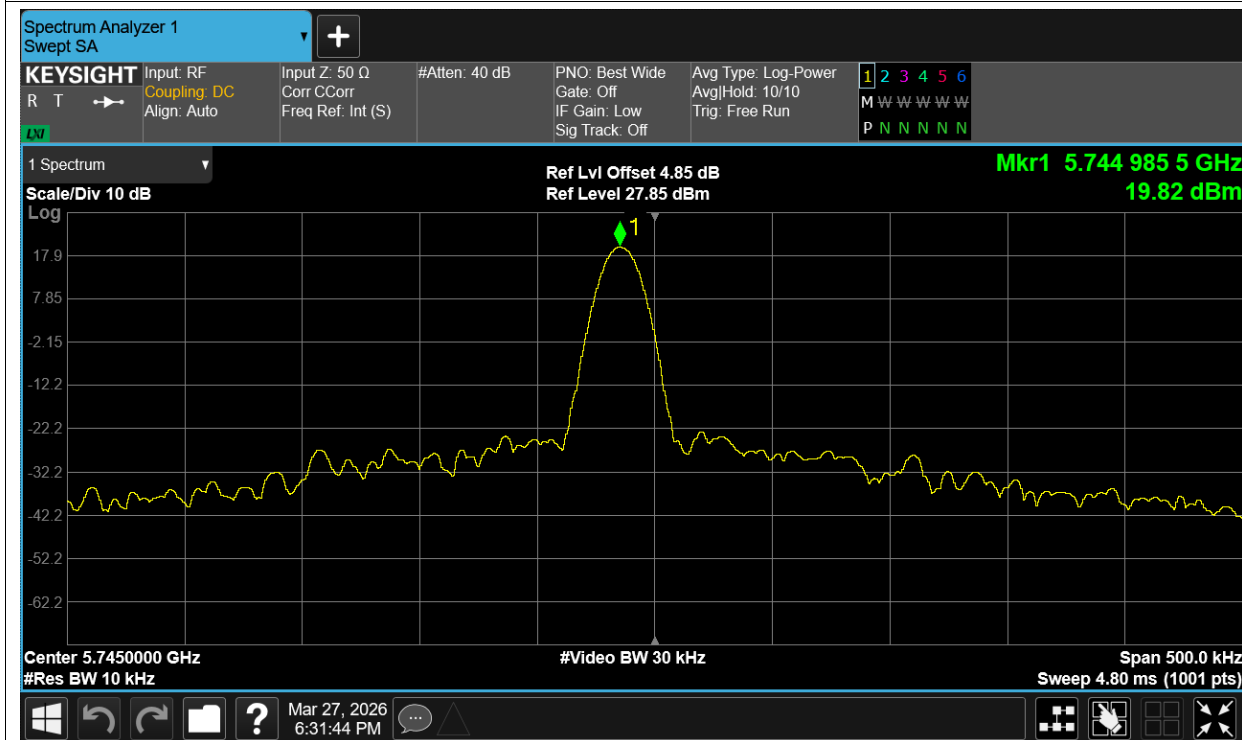
Condition	Frequency (MHz)	Antenna	Measured Frequency (MHz)	Deviation (ppm)	Limit (ppm)	Verdict
HVNT	5745	Ant1	5744.9855	-2.52	Within authorized band	Pass
HVNT	5785	Ant1	5784.9805	-3.37		Pass
HVNT	5825	Ant1	5824.976	-4.12		Pass
LVNT	5745	Ant1	5744.986	-2.44		Pass
LVNT	5785	Ant1	5784.981	-3.28		Pass
LVNT	5825	Ant1	5824.9765	-4.03		Pass
NVHT	5745	Ant1	5744.9865	-2.35		Pass
NVHT	5785	Ant1	5784.9815	-3.2		Pass
NVHT	5825	Ant1	5824.977	-3.95		Pass
NVLT	5745	Ant1	5744.987	-2.26		Pass
NVLT	5785	Ant1	5784.9825	-3.03		Pass
NVLT	5825	Ant1	5824.9775	-3.86		Pass
NVNT	5745	Ant1	5744.9875	-2.18		Pass
NVNT	5785	Ant1	5784.983	-2.94		Pass
NVNT	5825	Ant1	5824.978	-3.78		Pass
HVNT	5795	Ant1	5794.973	-4.66		Pass
LVNT	5755	Ant1	5754.964	-6.26		Pass
LVNT	5795	Ant1	5794.9725	-4.75		Pass
NVHT	5755	Ant1	5754.973	-4.69		Pass
NVHT	5795	Ant1	5794.9725	-4.75		Pass
NVLT	5755	Ant1	5754.9735	-4.6		Pass
NVLT	5795	Ant1	5794.9725	-4.75		Pass
NVNT	5755	Ant1	5754.9735	-4.6		Pass
NVNT	5795	Ant1	5794.973	-4.66		Pass
HVNT	5775	Ant1	5774.972	-4.85		Pass
LVNT	5775	Ant1	5774.9725	-4.76		Pass
NVHT	5775	Ant1	5774.9725	-4.76		Pass
NVLT	5775	Ant1	5774.9715	-4.94		Pass
NVNT	5775	Ant1	5774.9715	-4.94		Pass

Remark:

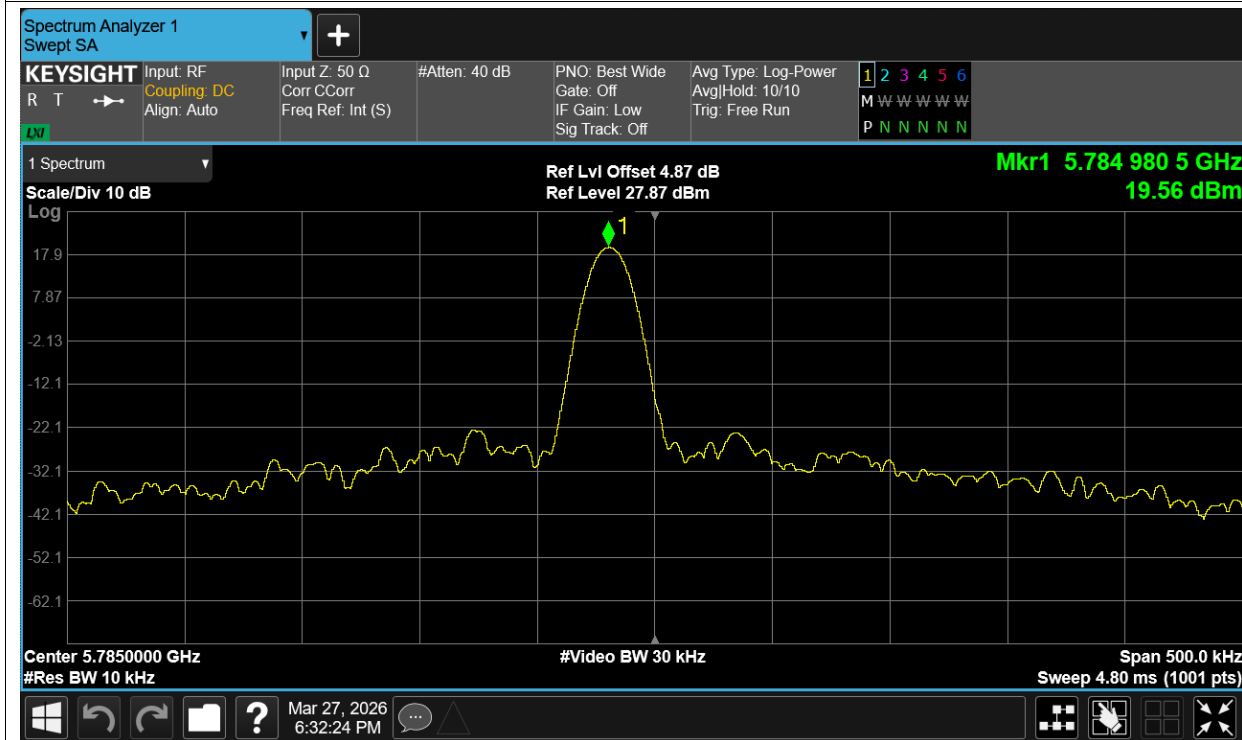
“NTNV” means Normal Temperature Normal Voltage, “NVHT” means Normal Voltage High Temperature, “NVLT” means Normal Voltage Low Temperature, “LVNT” means Low Voltage Normal Temperature, “HVNT” means High Voltage Normal Temperature.

Test Graphs

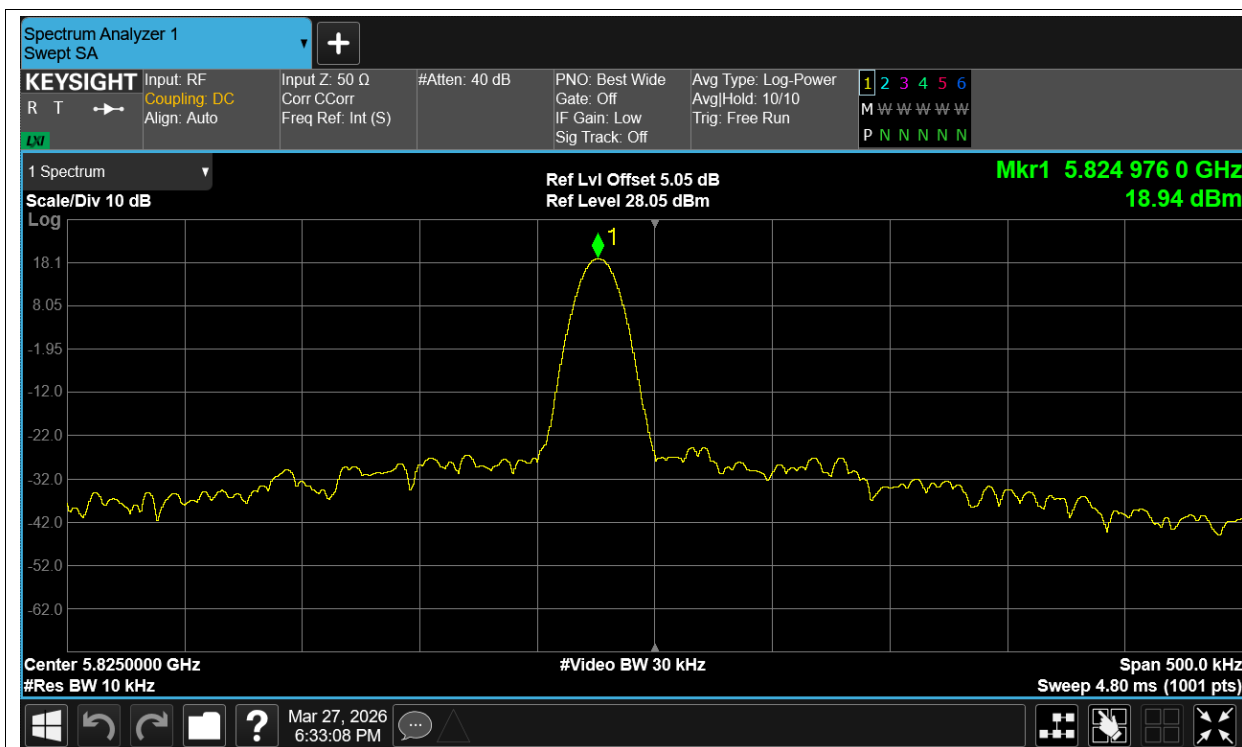
Freq. Stability HVNT 20M 5745MHz Ant1



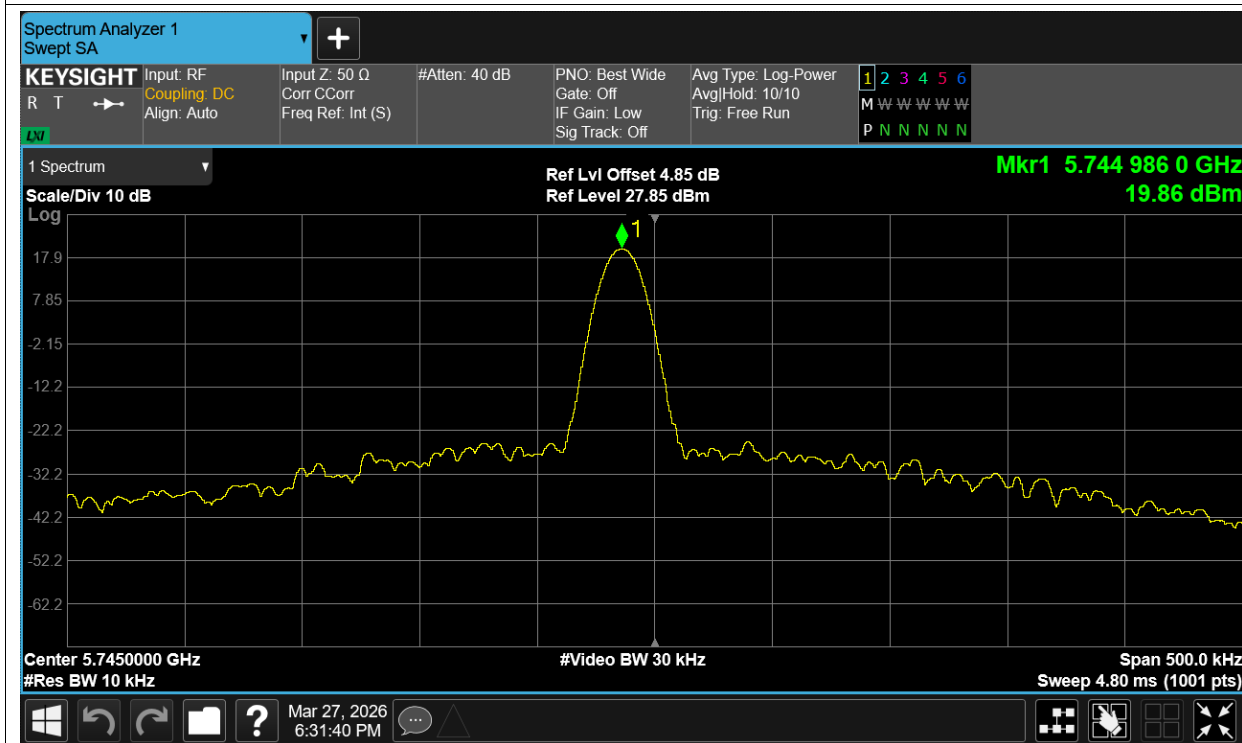
Freq. Stability HVNT 20M 5785MHz Ant1



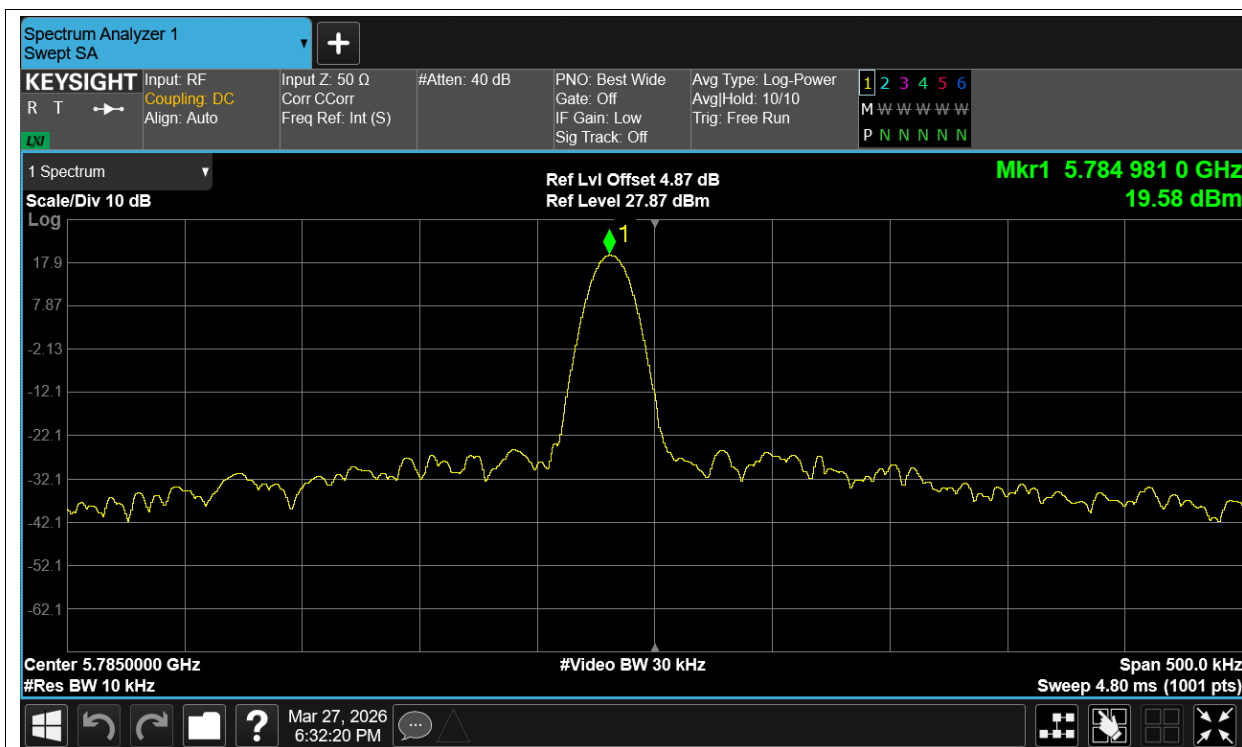
Freq. Stability HVNT 20M 5825MHz Ant1



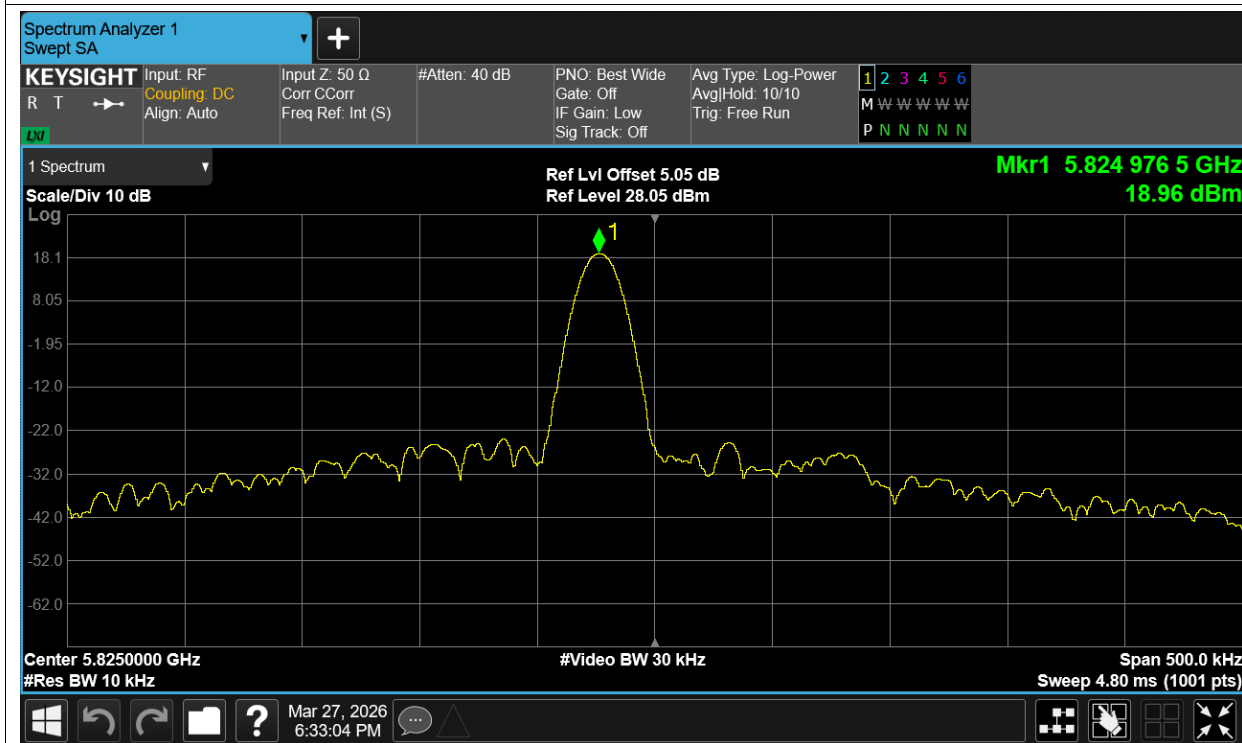
Freq. Stability LVNT 20M 5745MHz Ant1



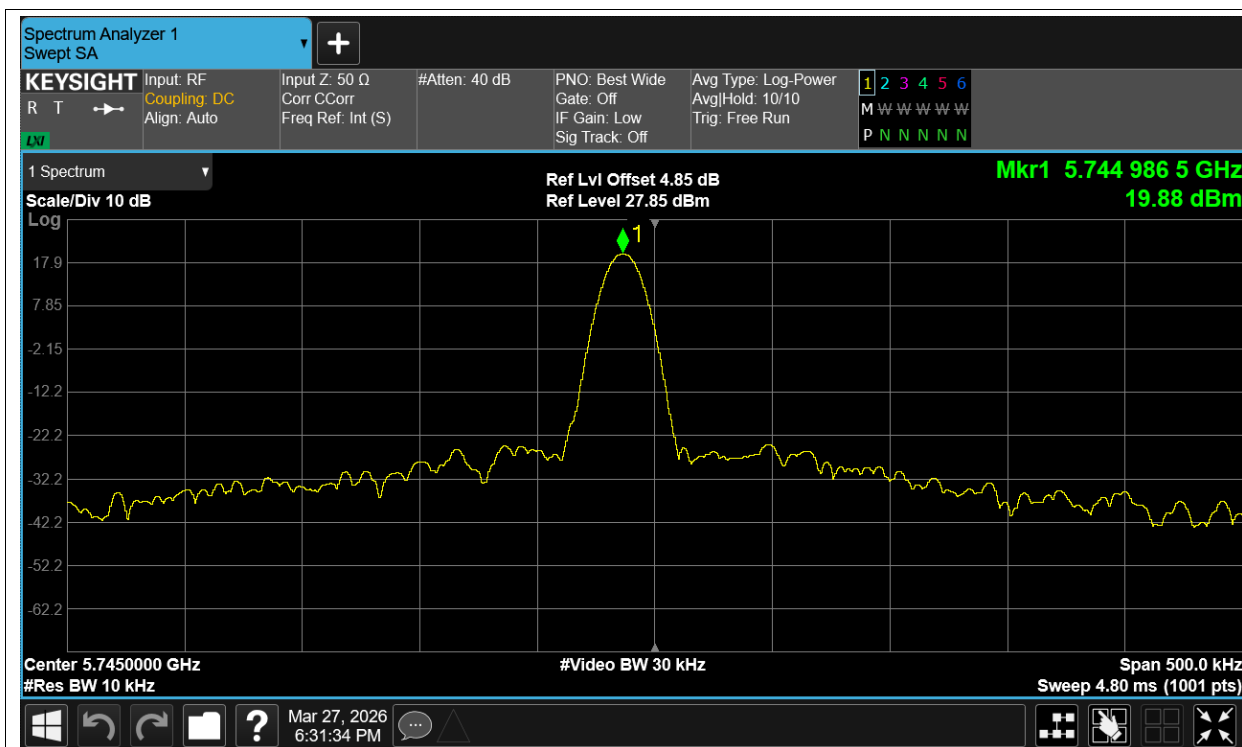
Freq. Stability LVNT 20M 5785MHz Ant1



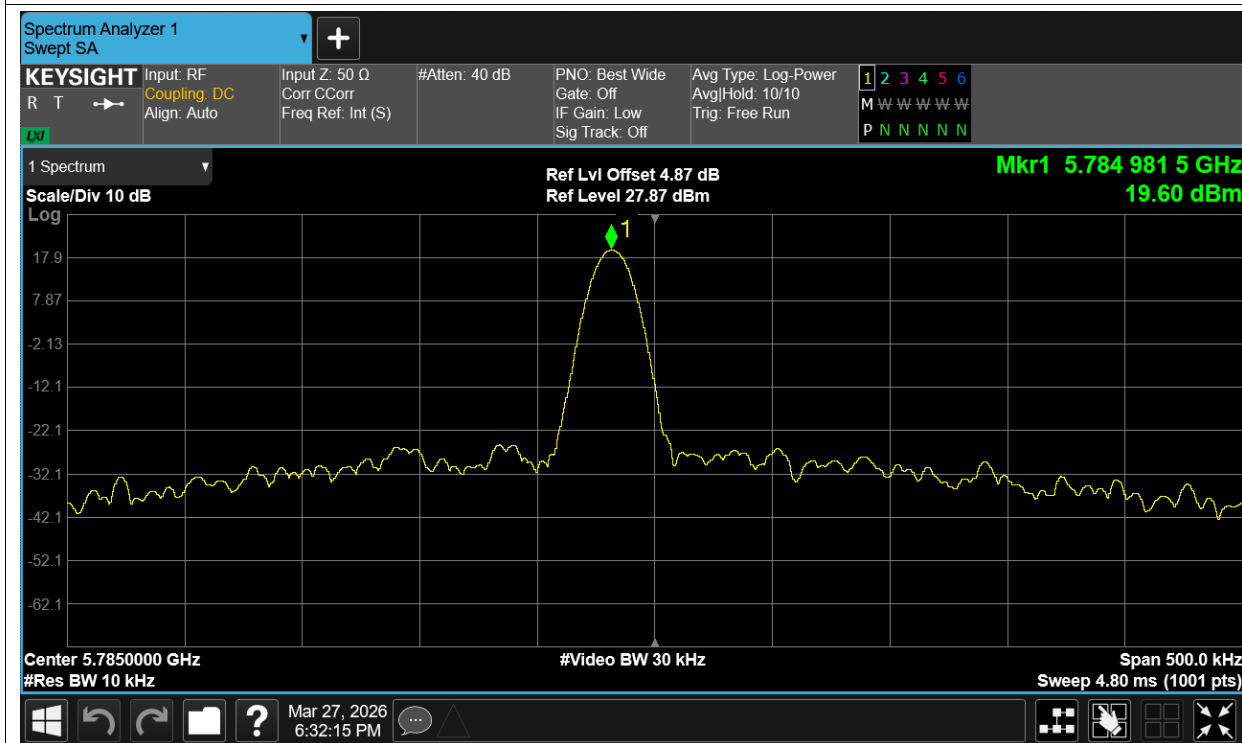
Freq. Stability LVNT 20M 5825MHz Ant1



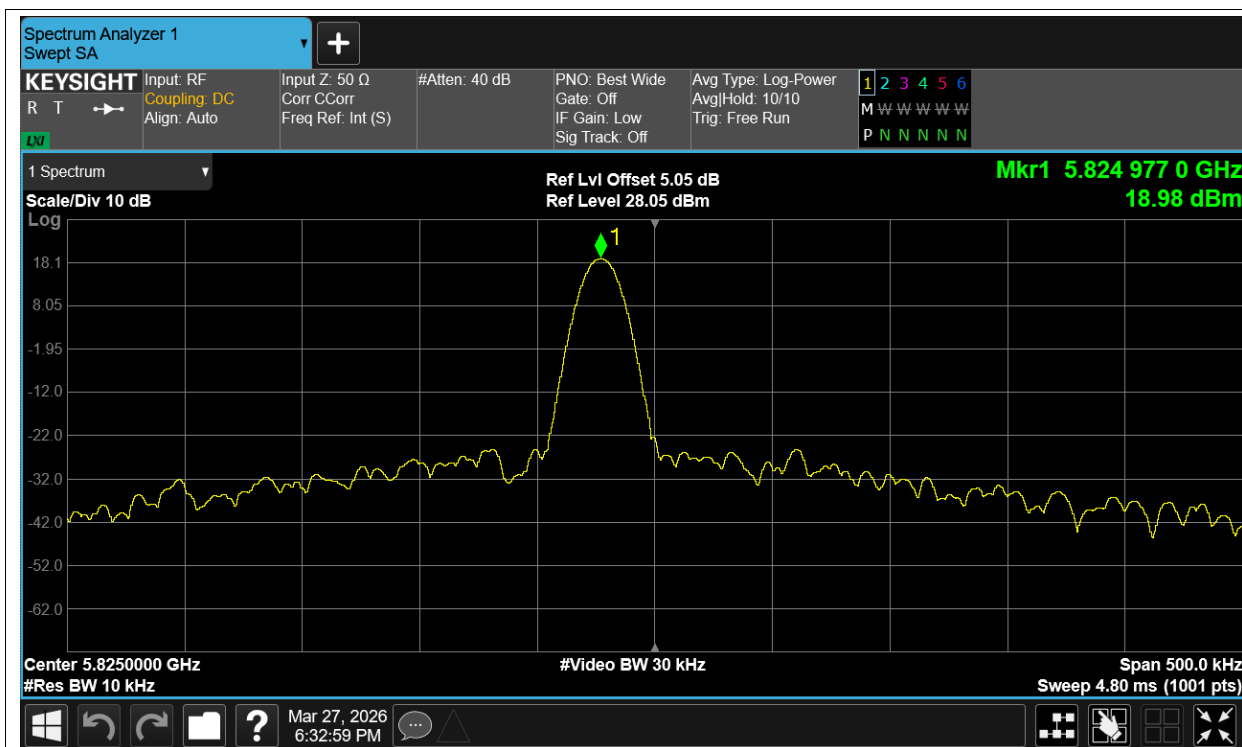
Freq. Stability NVHT 20M 5745MHz Ant1



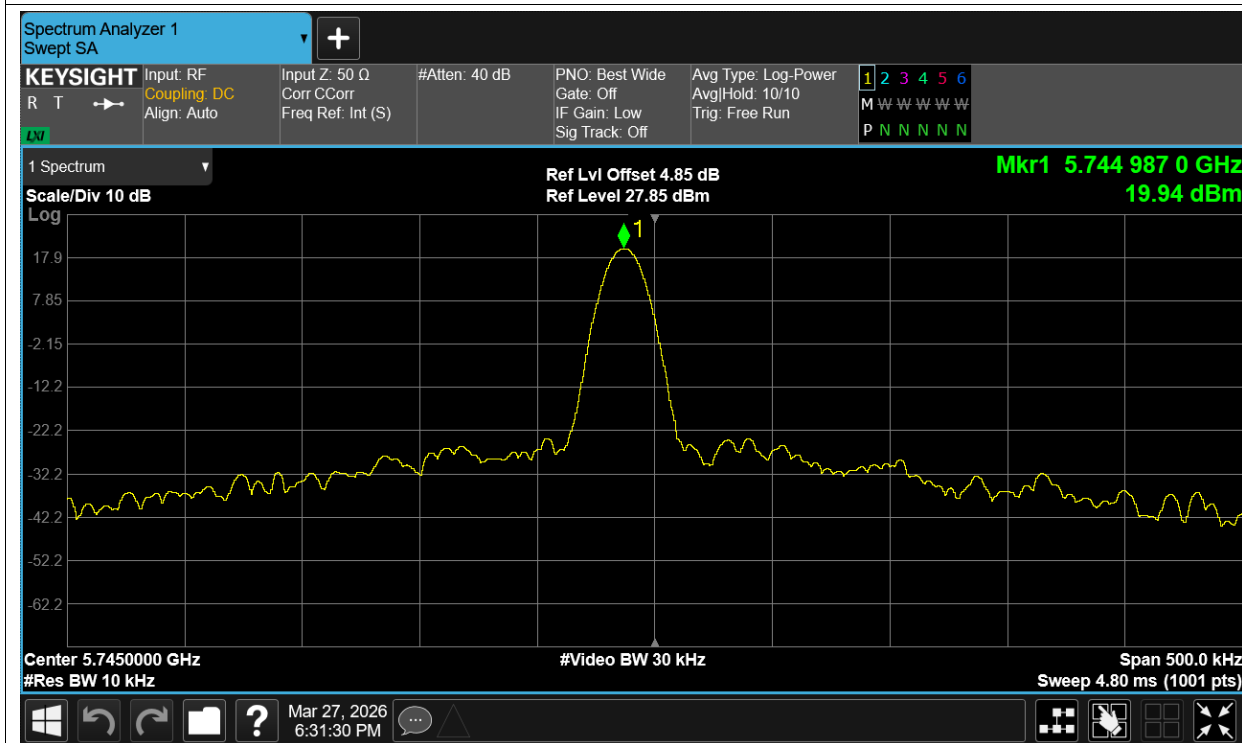
Freq. Stability NVHT 20M 5785MHz Ant1



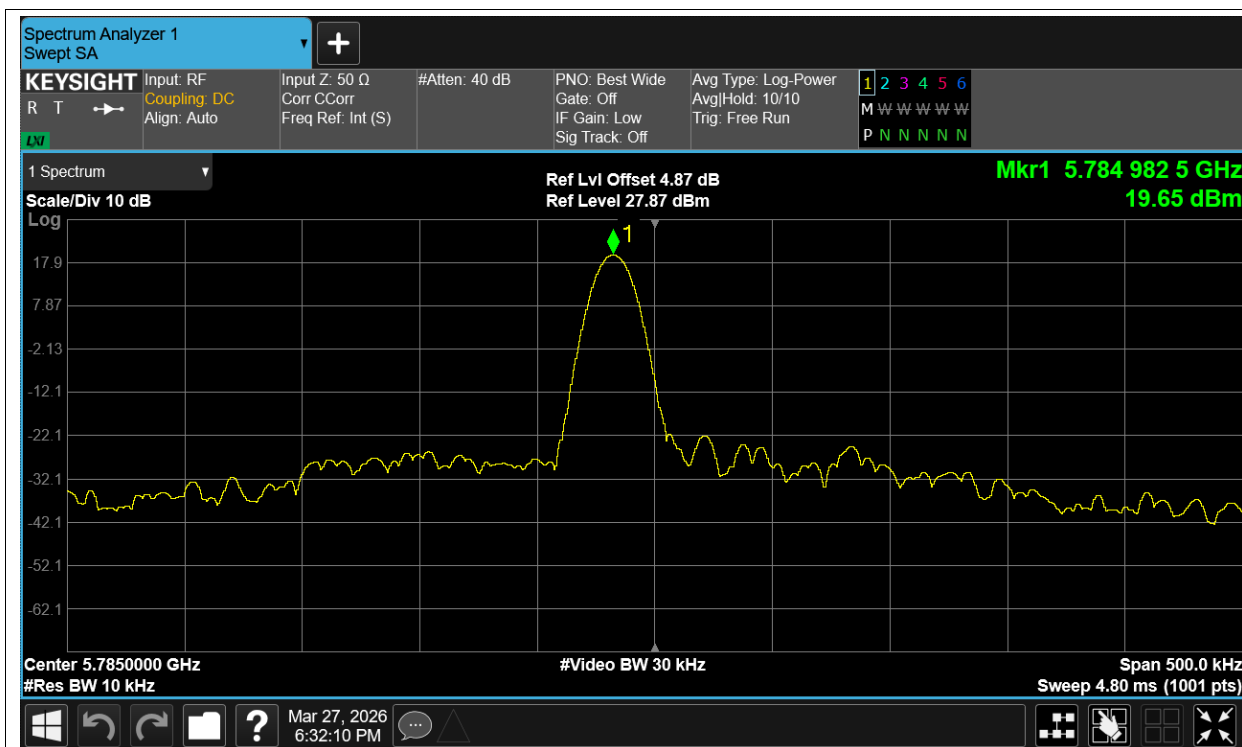
Freq. Stability NVHT 20M 5825MHz Ant1



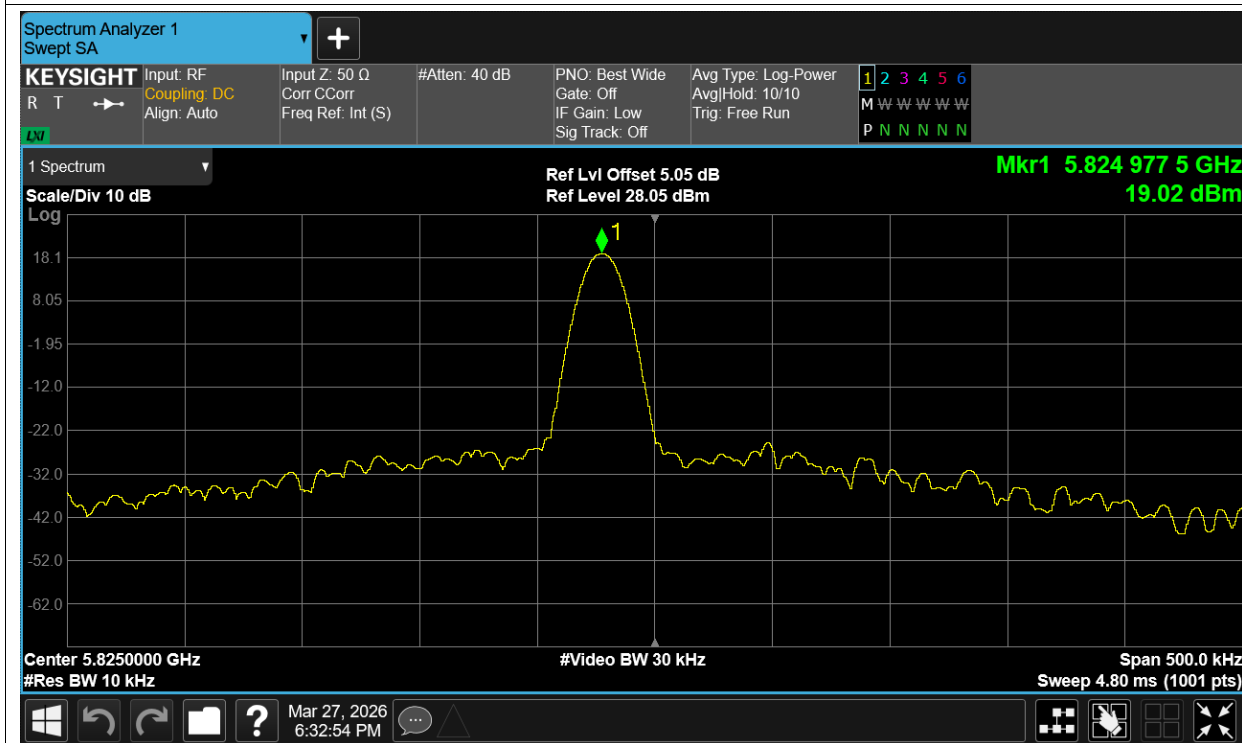
Freq. Stability NVLT 20M 5745MHz Ant1



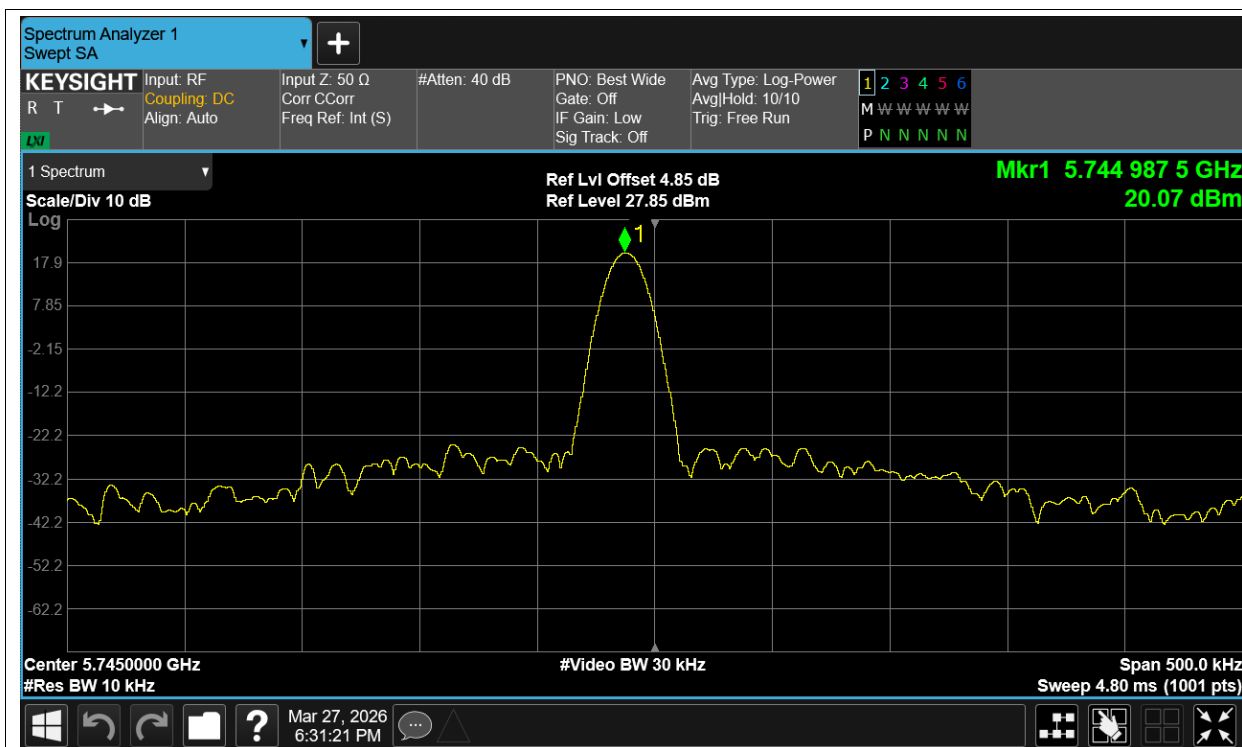
Freq. Stability NVLT 20M 5785MHz Ant1



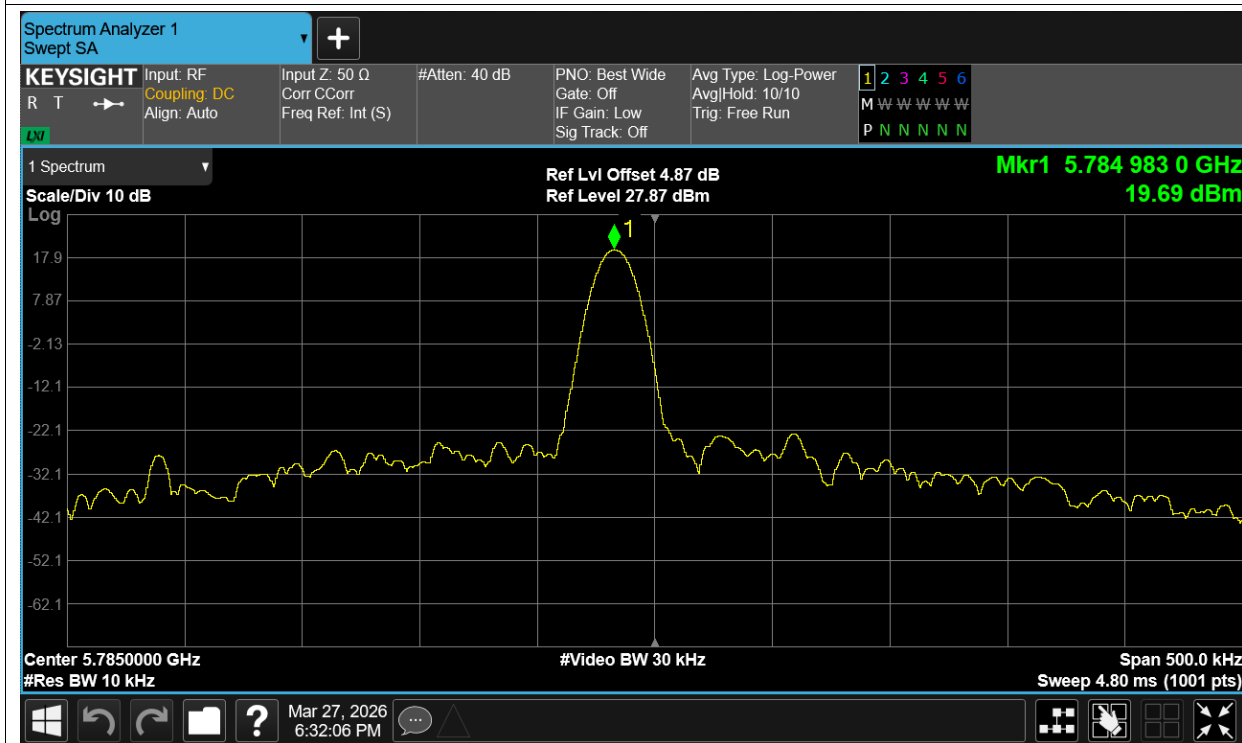
Freq. Stability NVLT 20M 5825MHz Ant1



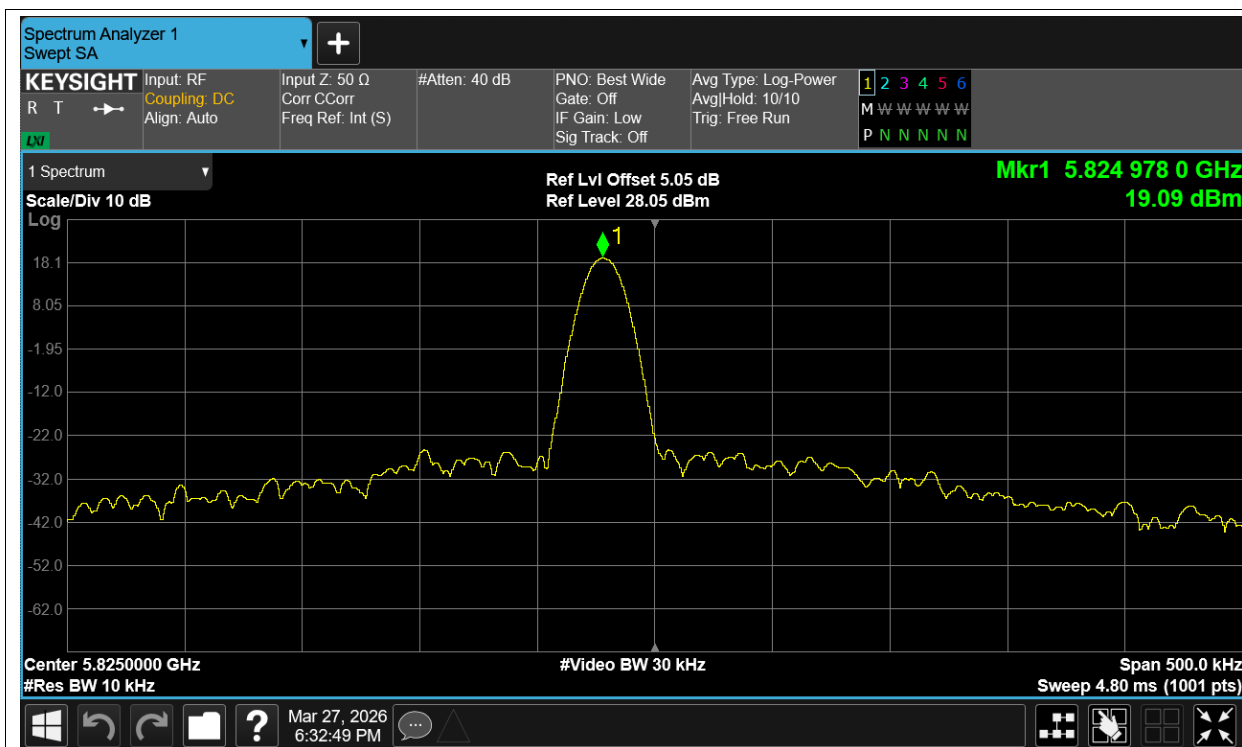
Freq. Stability NVNT 20M 5745MHz Ant1



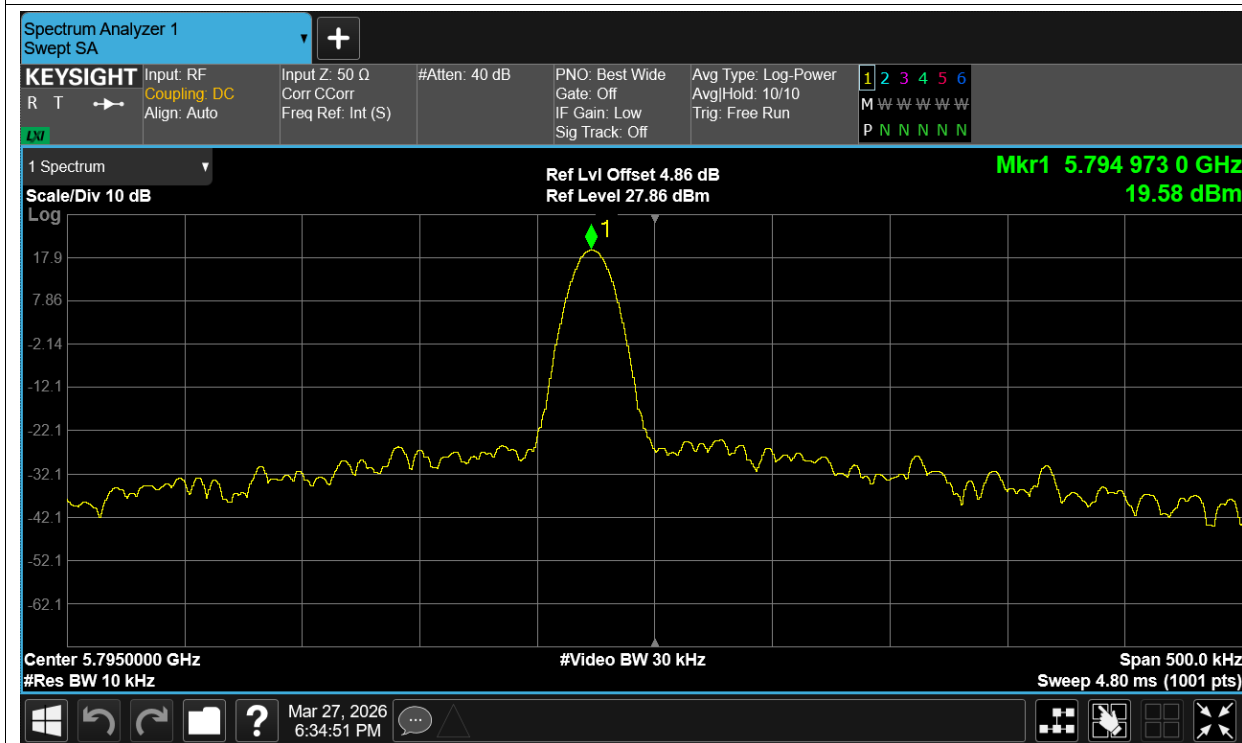
Freq. Stability NVNT 20M 5785MHz Ant1



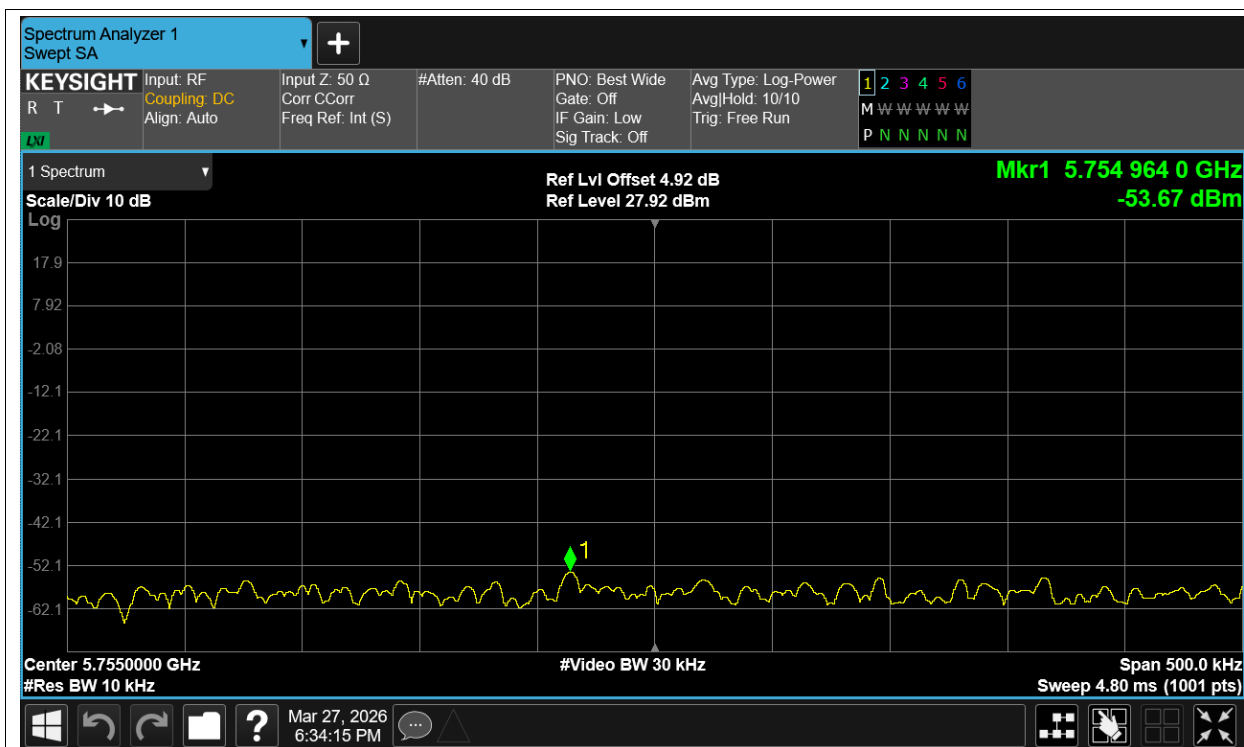
Freq. Stability NVNT 20M 5825MHz Ant1



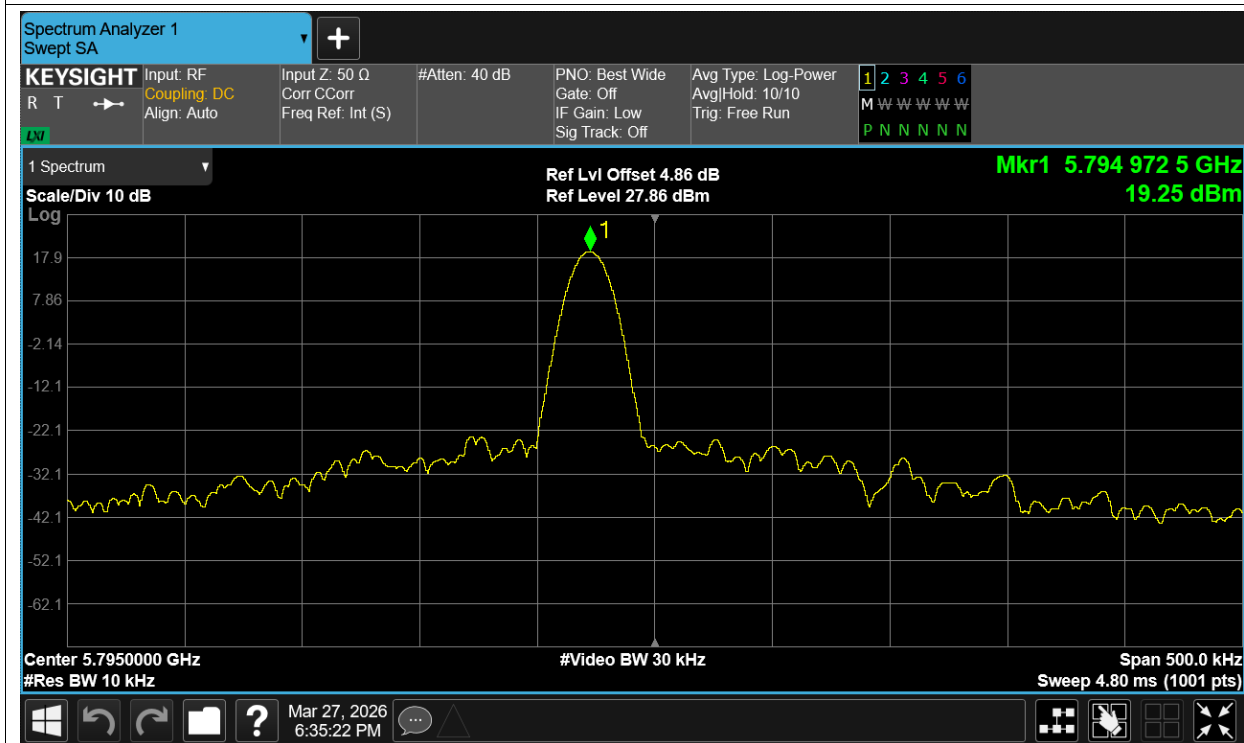
Freq. Stability HVNT 40M 5795MHz Ant1



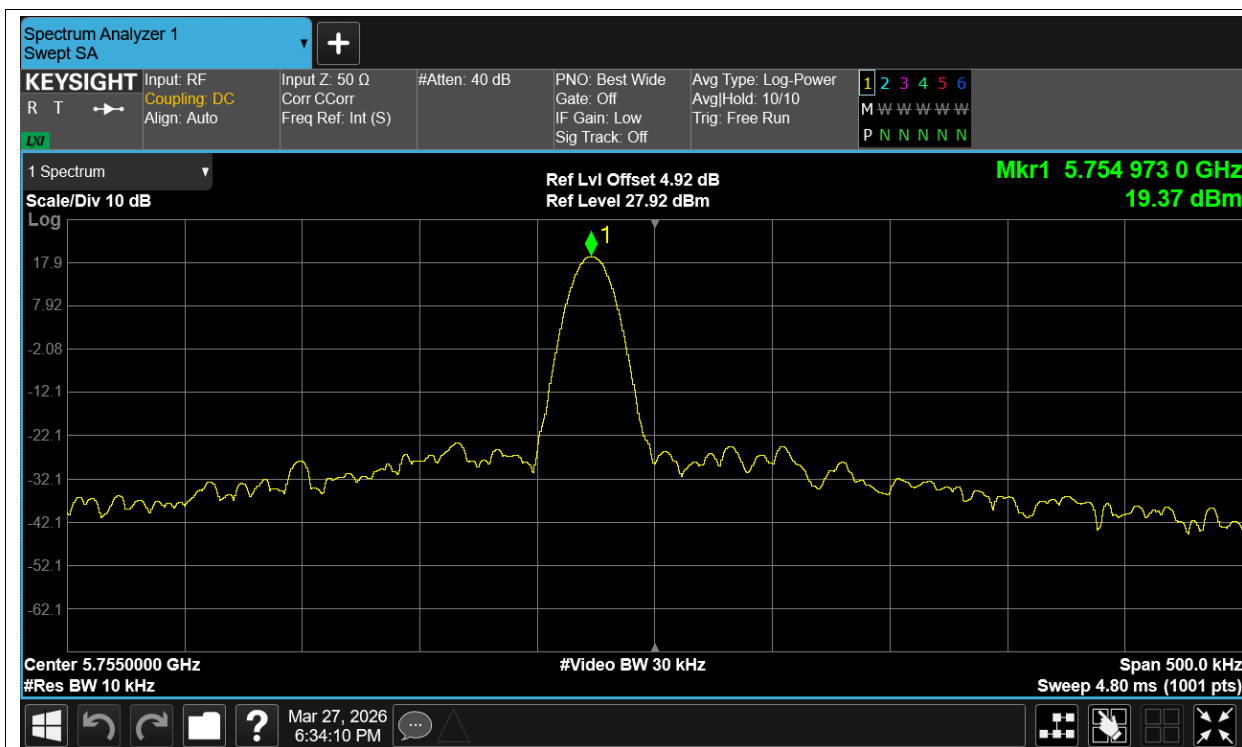
Freq. Stability LVNT 40M 5755MHz Ant1



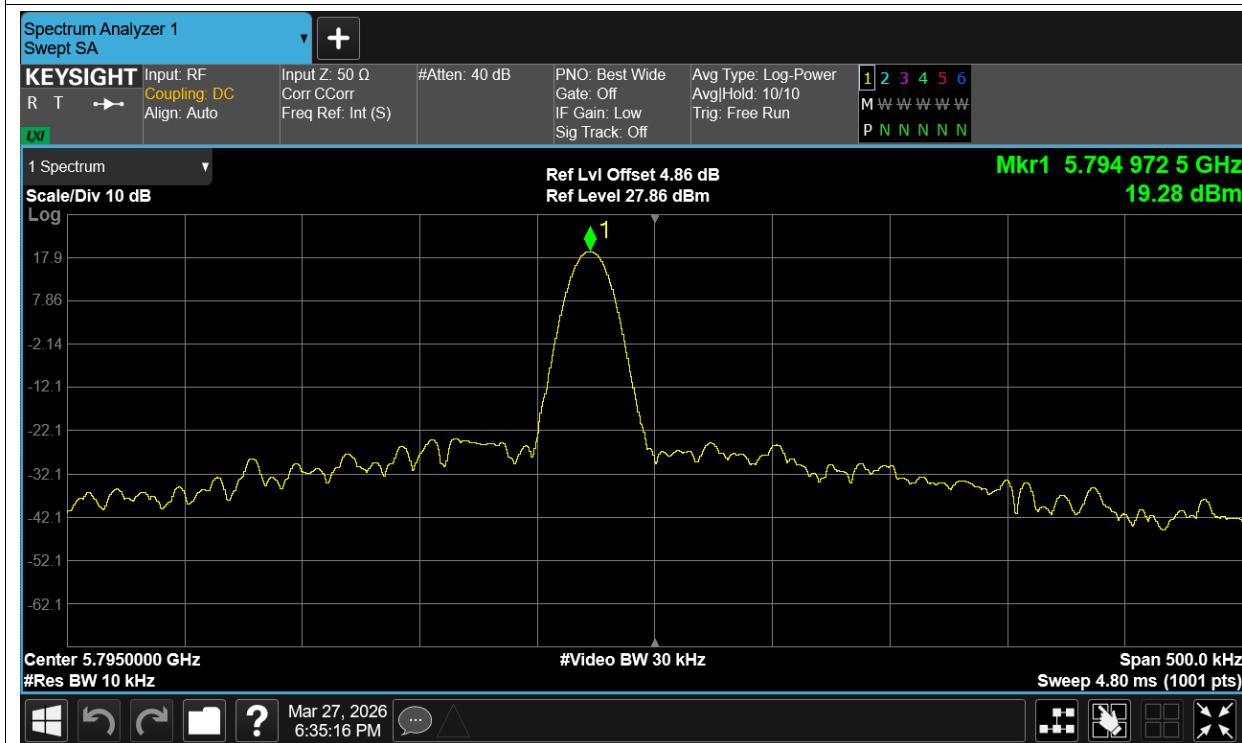
Freq. Stability LVNT 40M 5795MHz Ant1



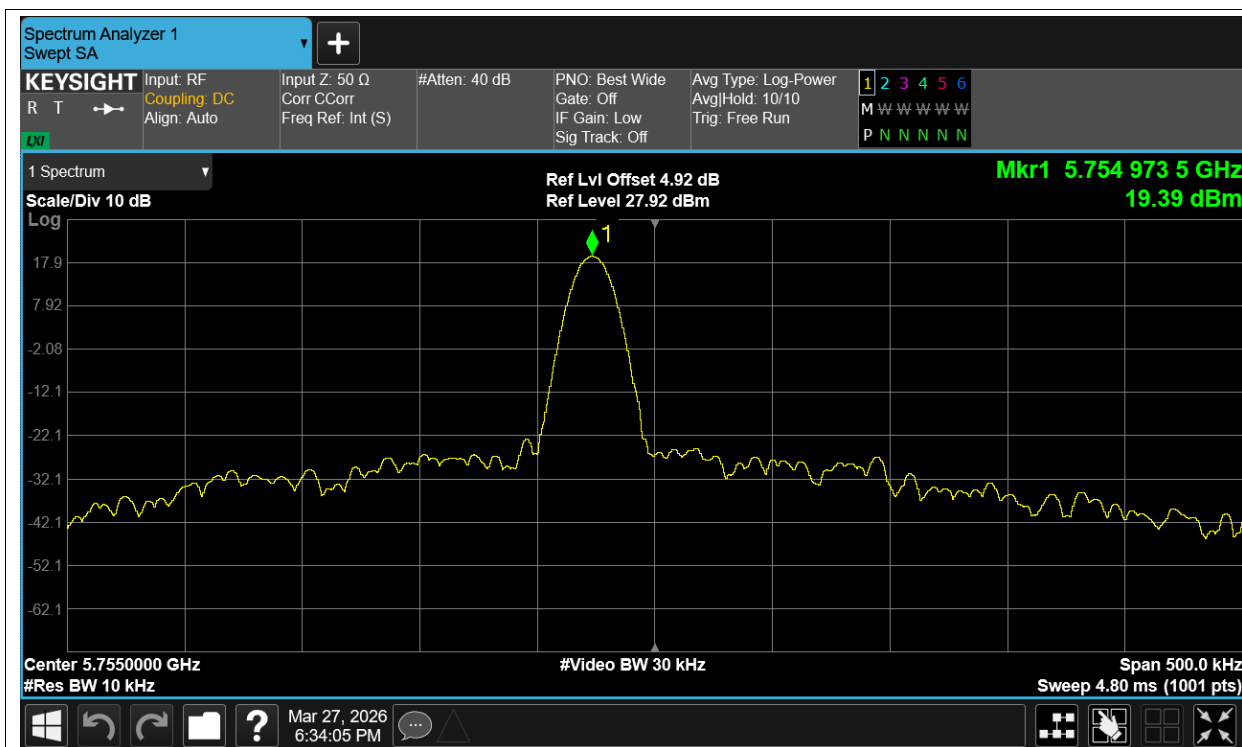
Freq. Stability NVHT 40M 5755MHz Ant1



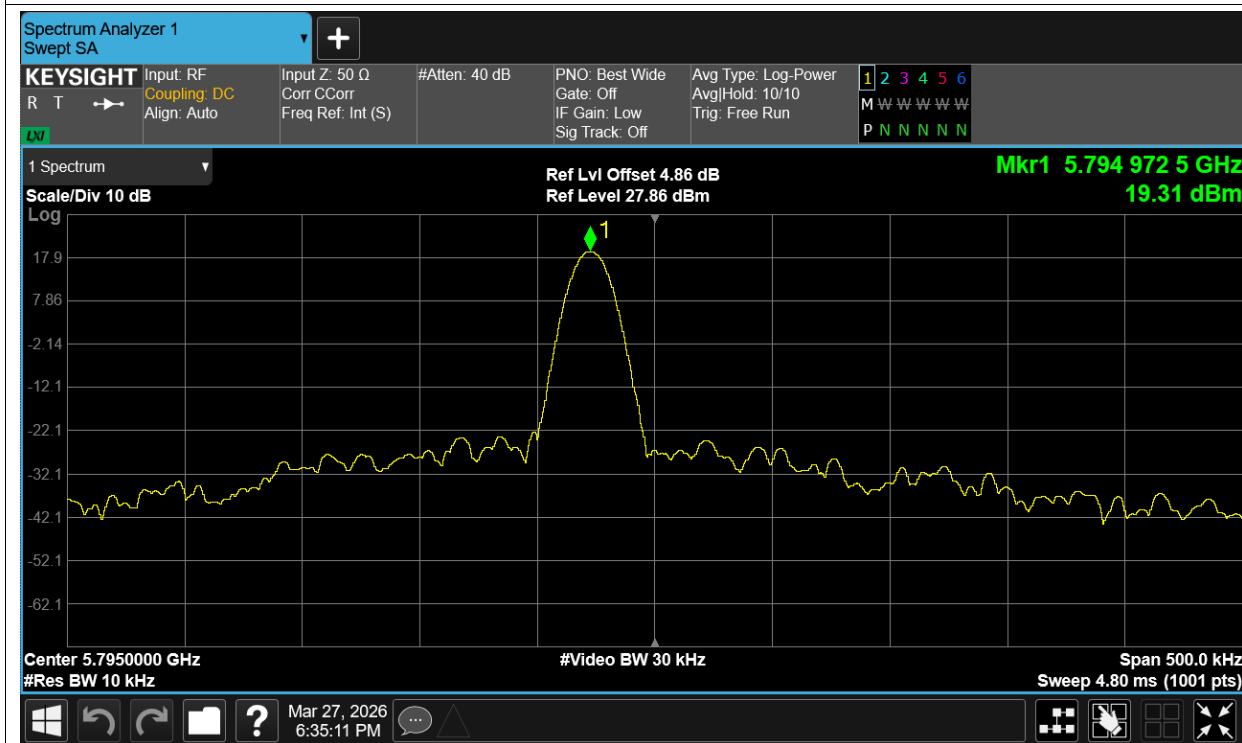
Freq. Stability NVHT 40M 5795MHz Ant1



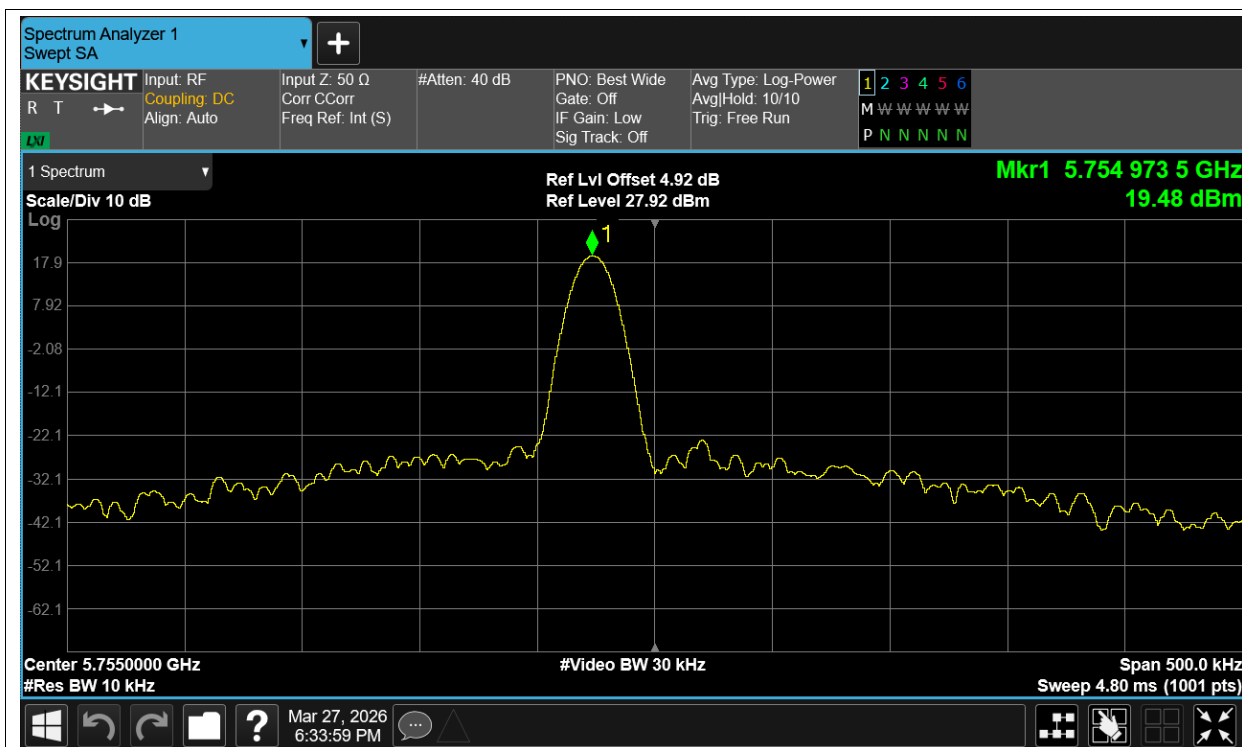
Freq. Stability NVLT 40M 5755MHz Ant1



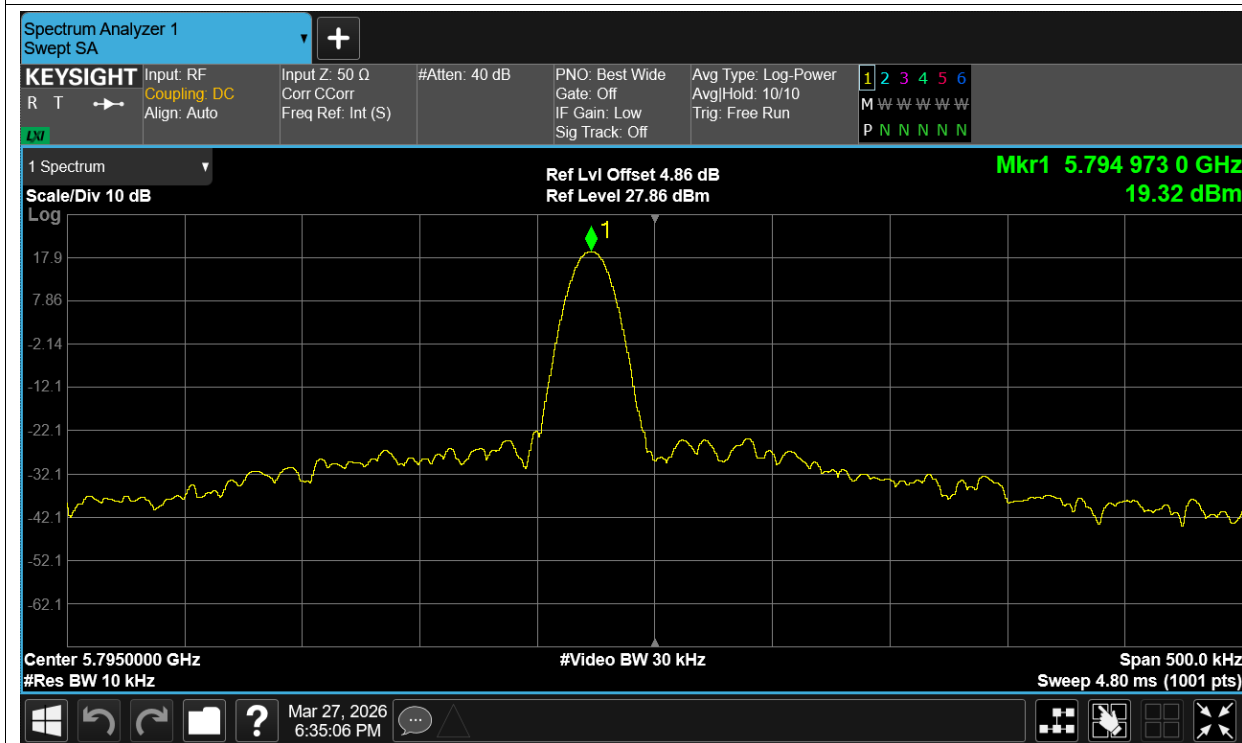
Freq. Stability NVLT 40M 5795MHz Ant1



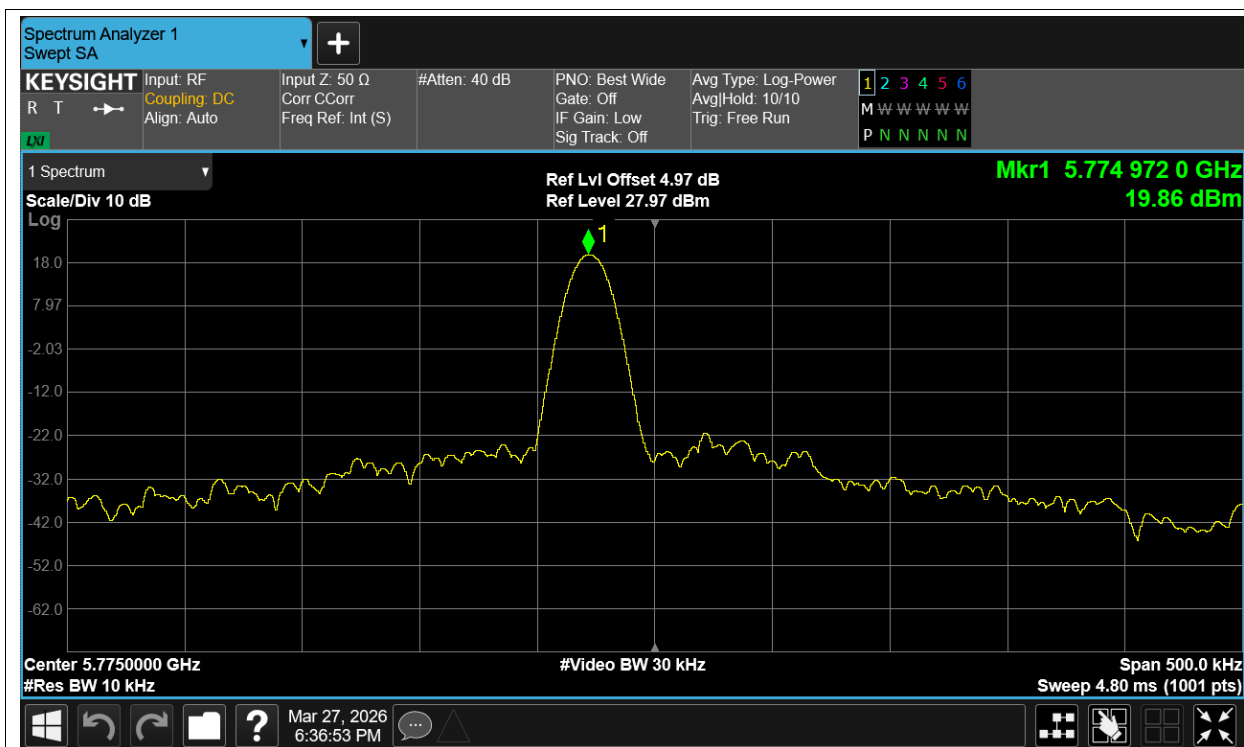
Freq. Stability NVNT 40M 5755MHz Ant1



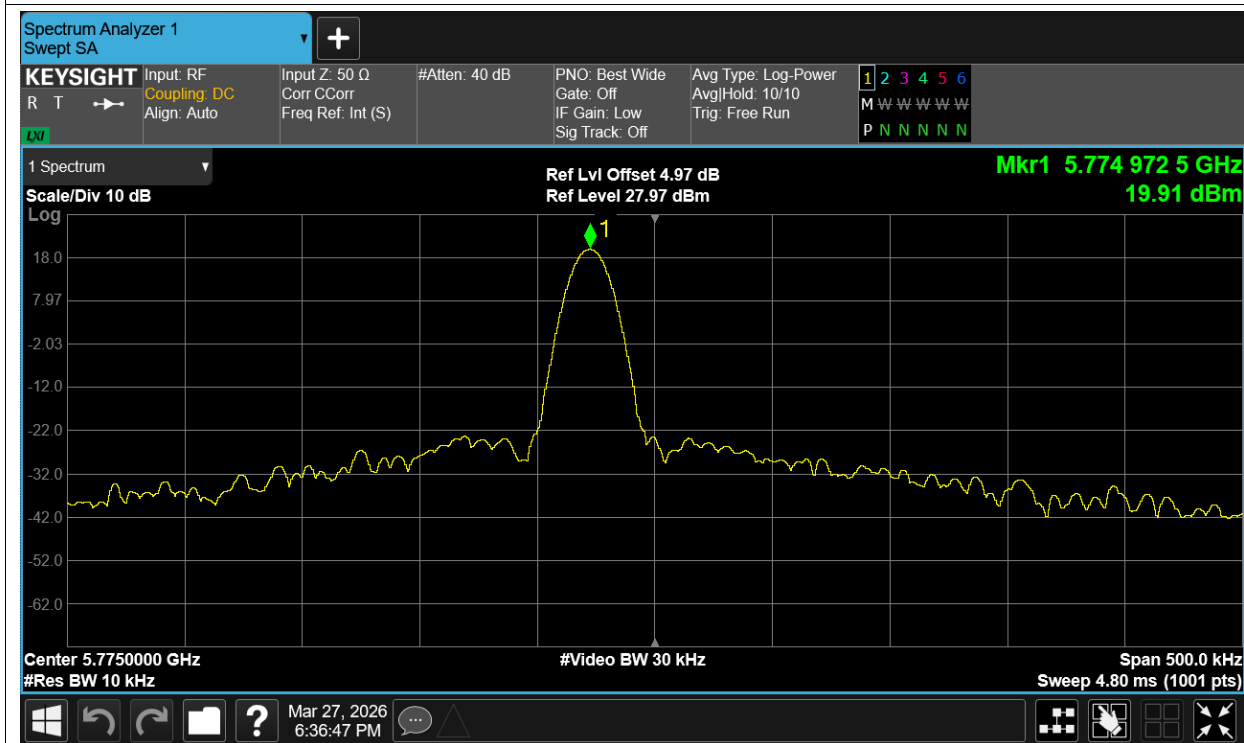
Freq. Stability NVNT 40M 5795MHz Ant1



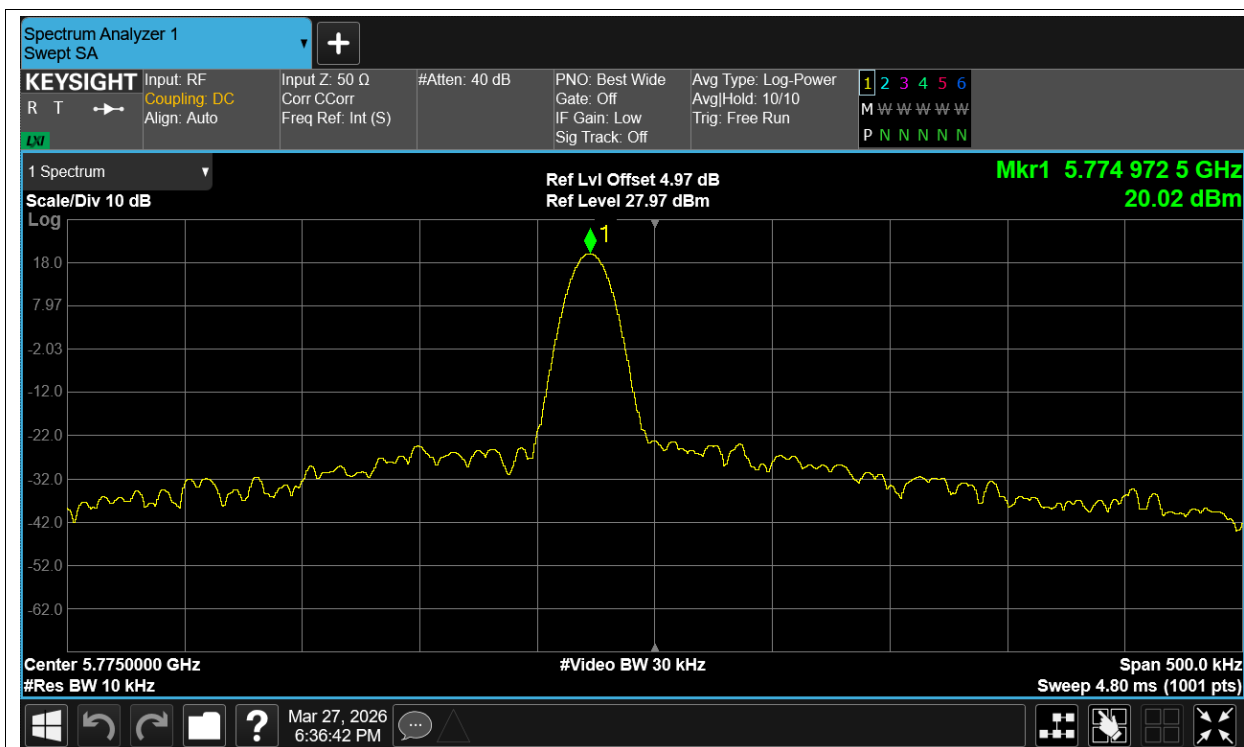
Freq. Stability HVNT 80M 5775MHz Ant1



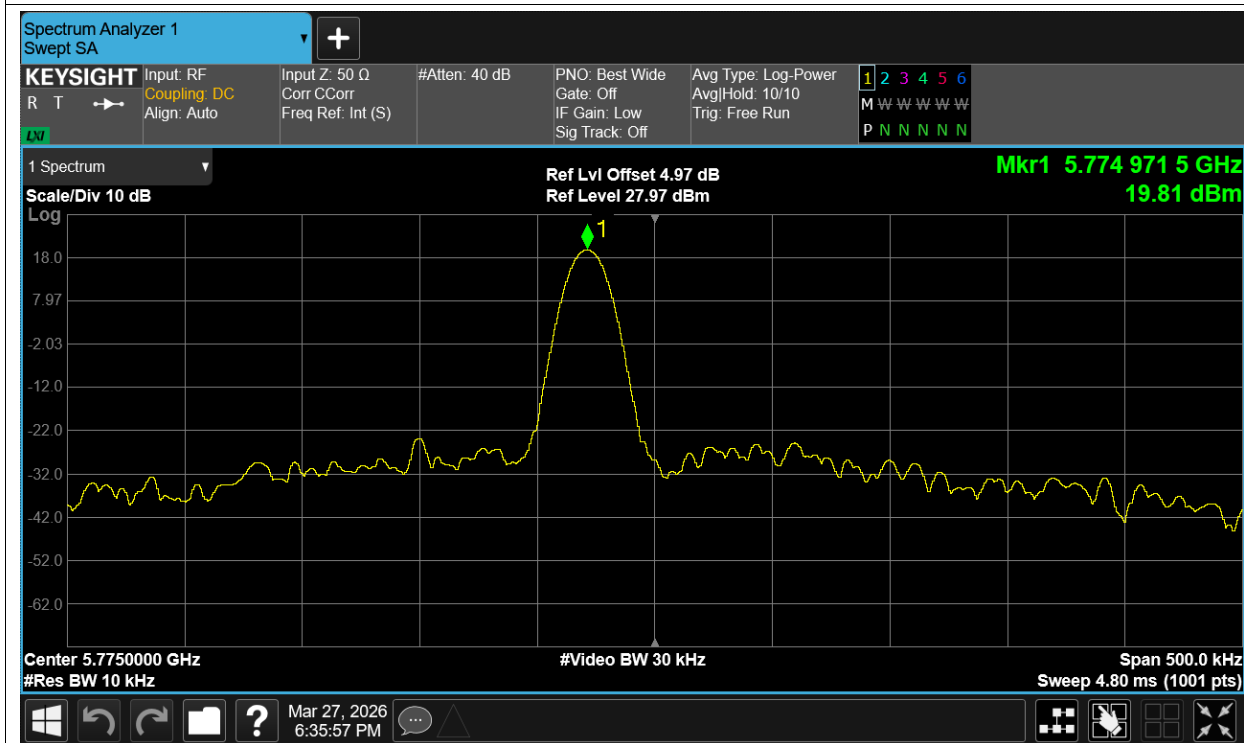
Freq. Stability LVNT 80M 5775MHz Ant1



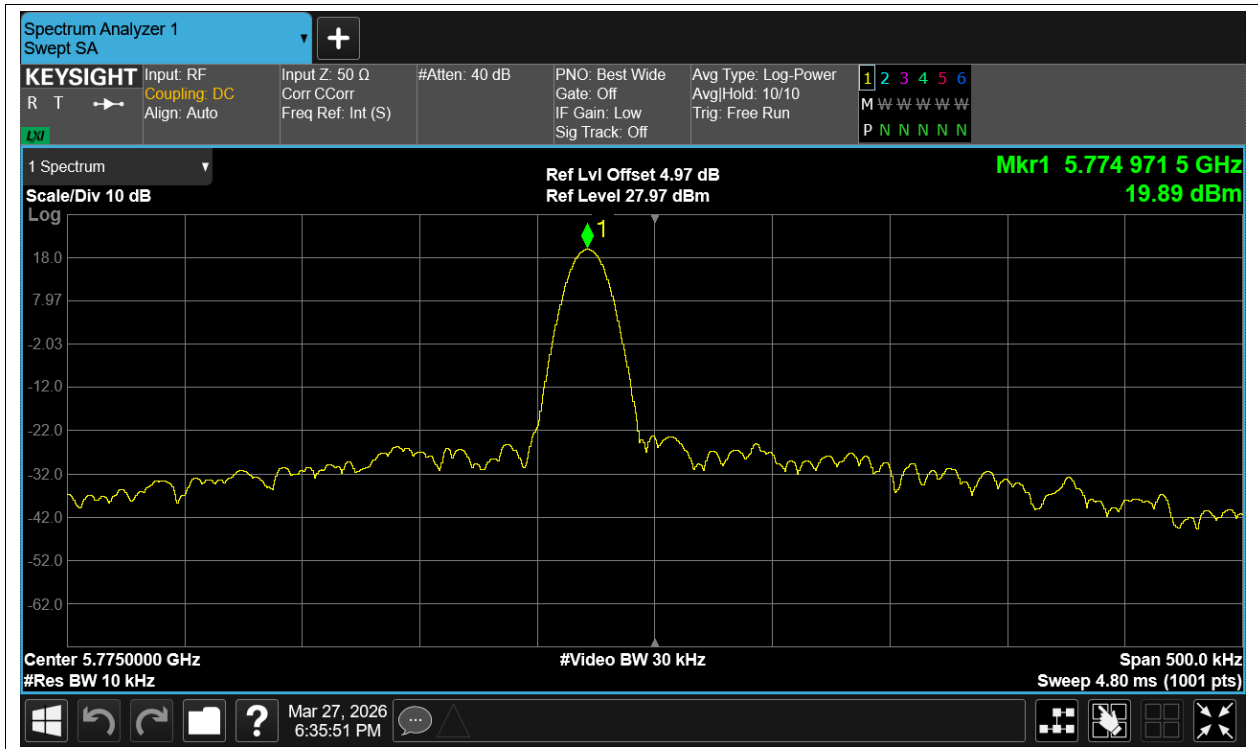
Freq. Stability NVHT 80M 5775MHz Ant1



Freq. Stability NVLT 80M 5775MHz Ant1



Freq. Stability NVNT 80M 5775MHz Ant1

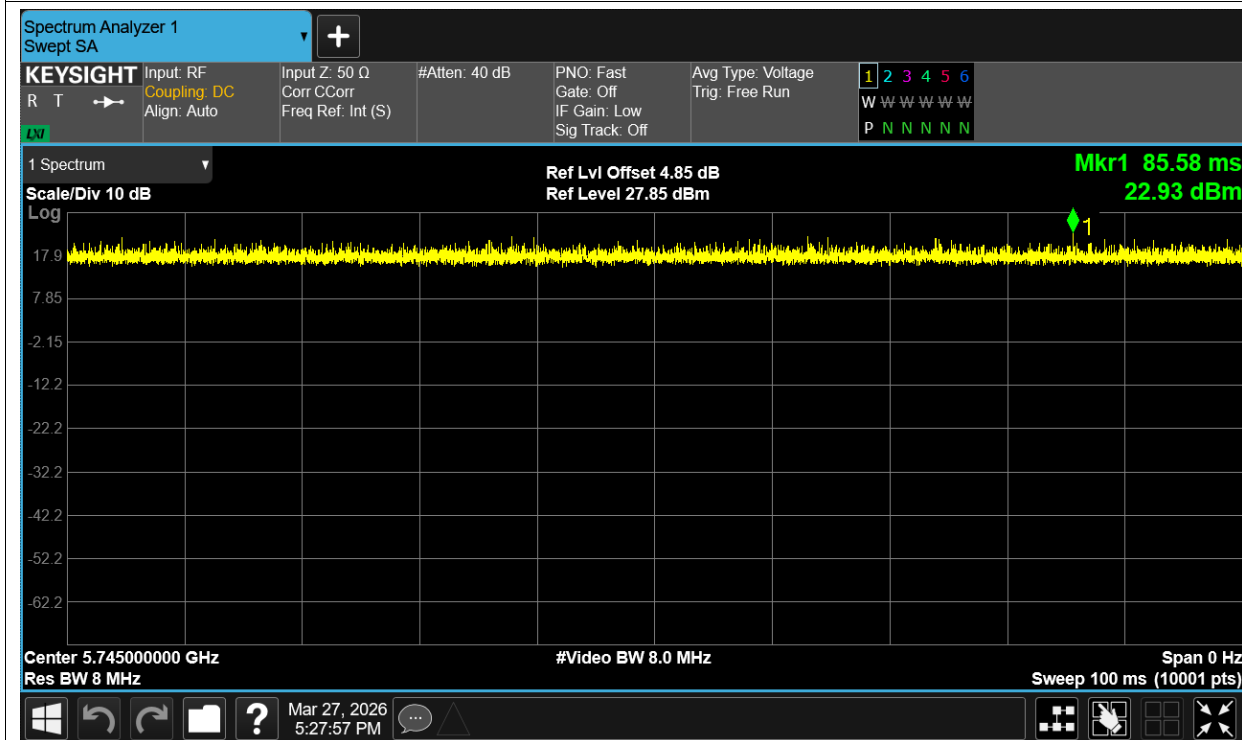


Duty Cycle

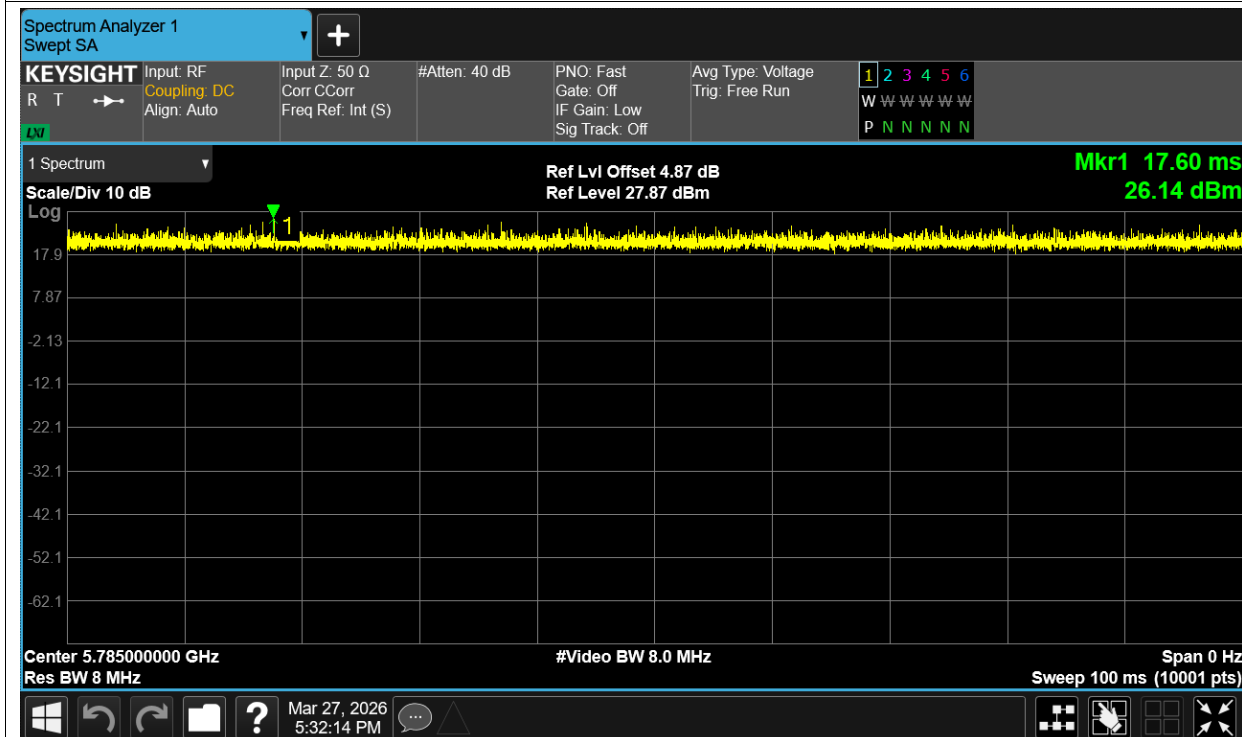
Condition	Mode	Frequency (MHz)	Antenna	Duty Cycle (%)	Correction Factor (dB)
NVNT	a	5745	Ant1	100	0
NVNT	a	5785	Ant1	100	0
NVNT	a	5825	Ant1	100	0
NVNT	ac20	5745	Ant1	100	0
NVNT	ac20	5785	Ant1	100	0
NVNT	ac20	5825	Ant1	100	0
NVNT	ac40	5755	Ant1	100	0
NVNT	ac40	5795	Ant1	100	0
NVNT	ac80	5775	Ant1	100	0
NVNT	ax20	5745	Ant1	100	0
NVNT	ax20	5785	Ant1	100	0
NVNT	ax20	5825	Ant1	100	0
NVNT	ax40	5755	Ant1	100	0
NVNT	ax40	5795	Ant1	100	0
NVNT	ax80	5775	Ant1	100	0
NVNT	n20	5745	Ant1	100	0
NVNT	n20	5785	Ant1	100	0
NVNT	n20	5825	Ant1	100	0
NVNT	n40	5755	Ant1	100	0
NVNT	n40	5795	Ant1	100	0

Test Graphs

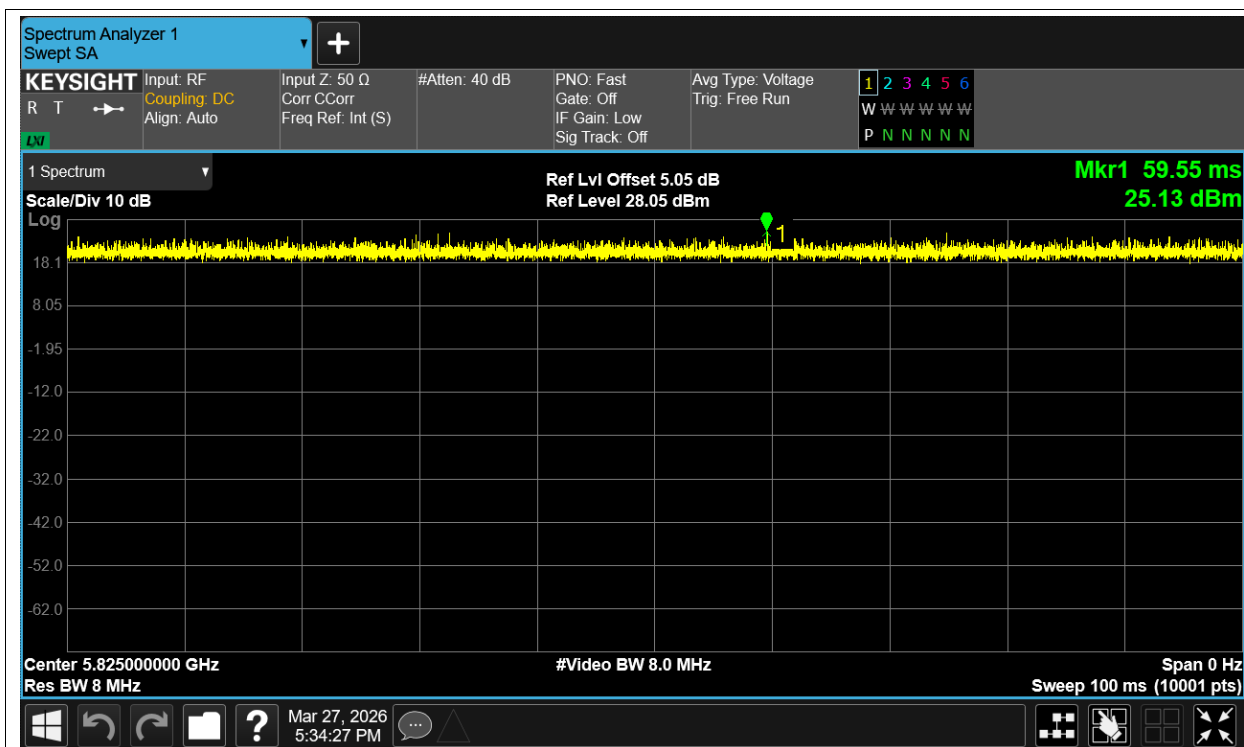
Duty Cycle NVNT a 5745MHz Ant1



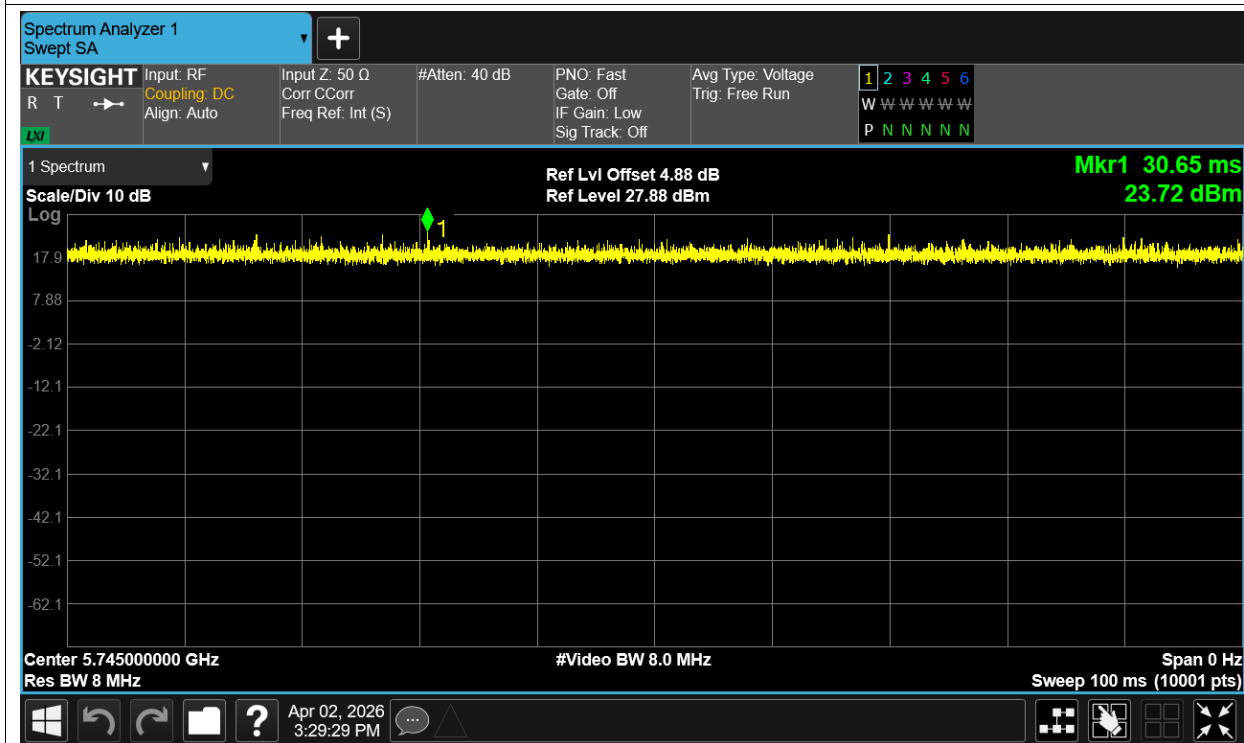
Duty Cycle NVNT a 5785MHz Ant1



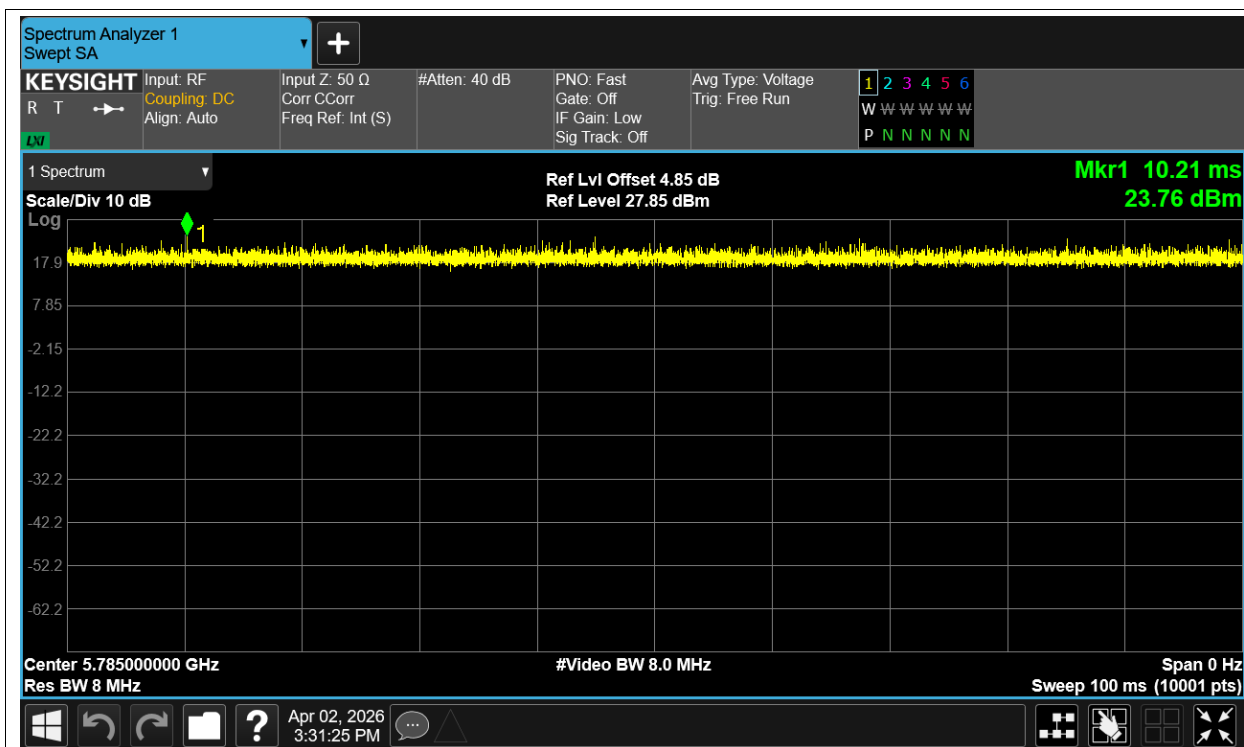
Duty Cycle NVNT a 5825MHz Ant1



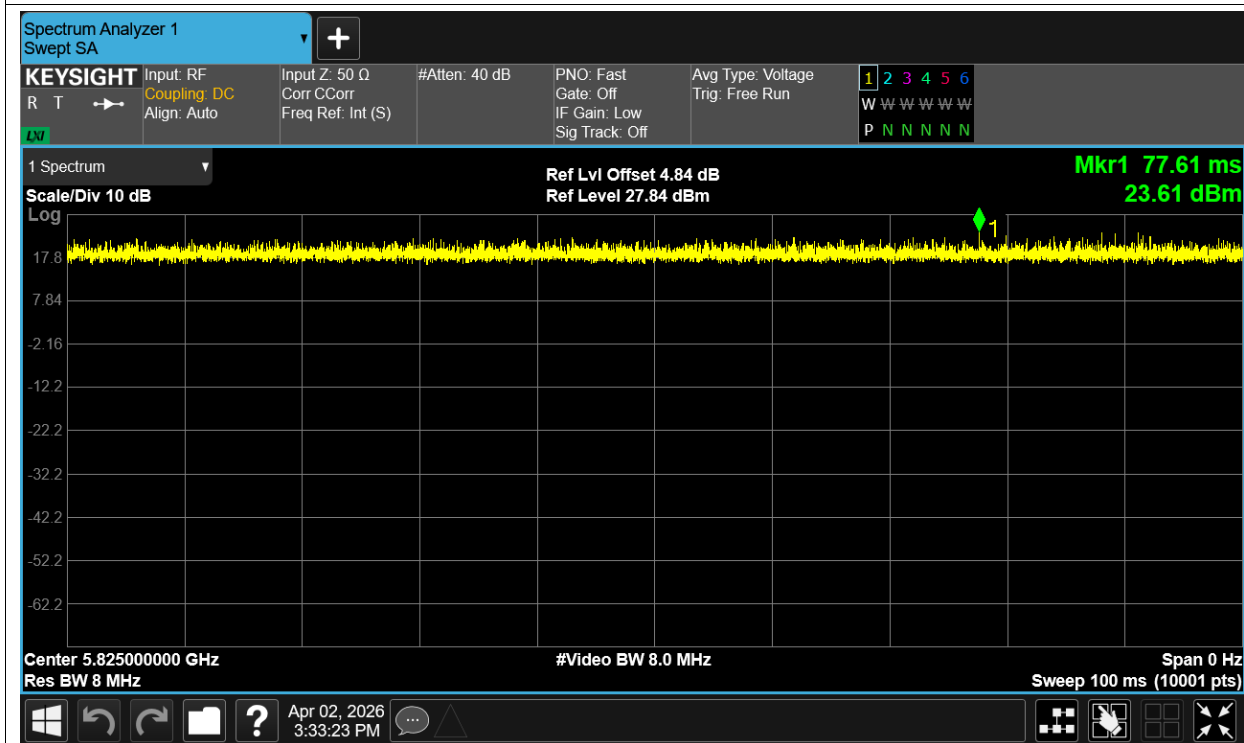
Duty Cycle NVNT ac20 5745MHz Ant1



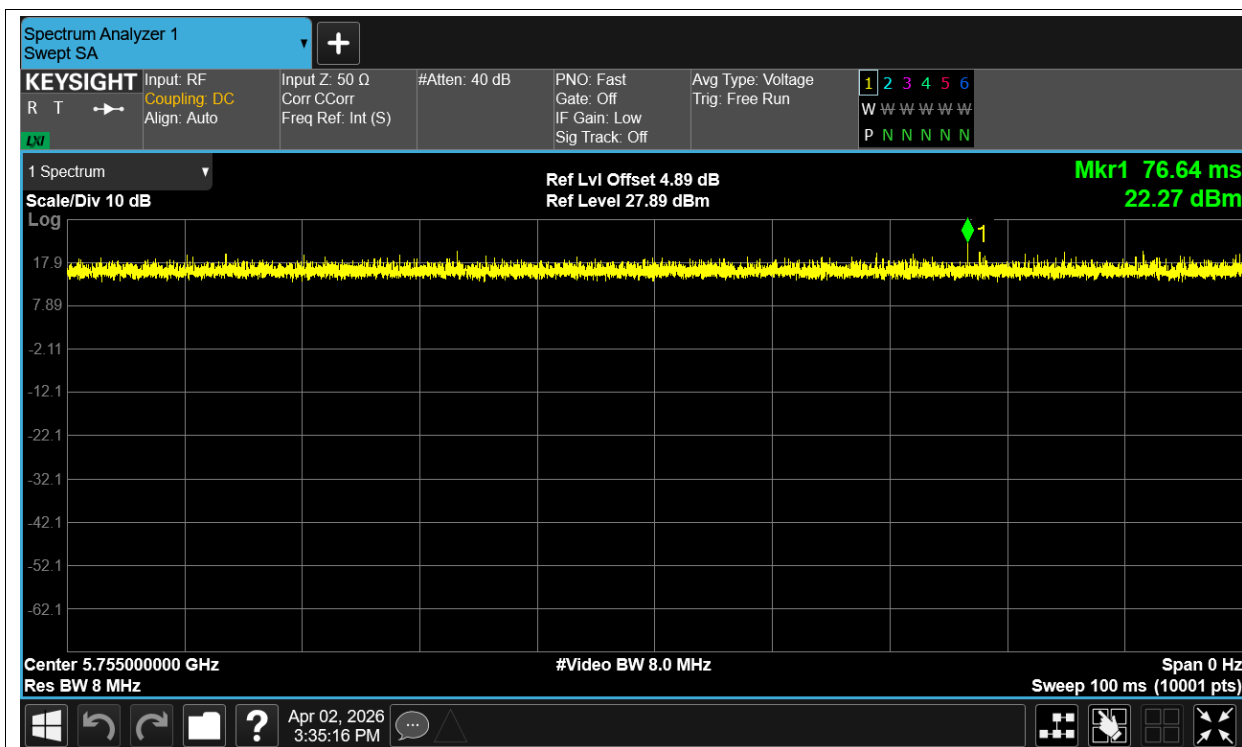
Duty Cycle NVNT ac20 5785MHz Ant1



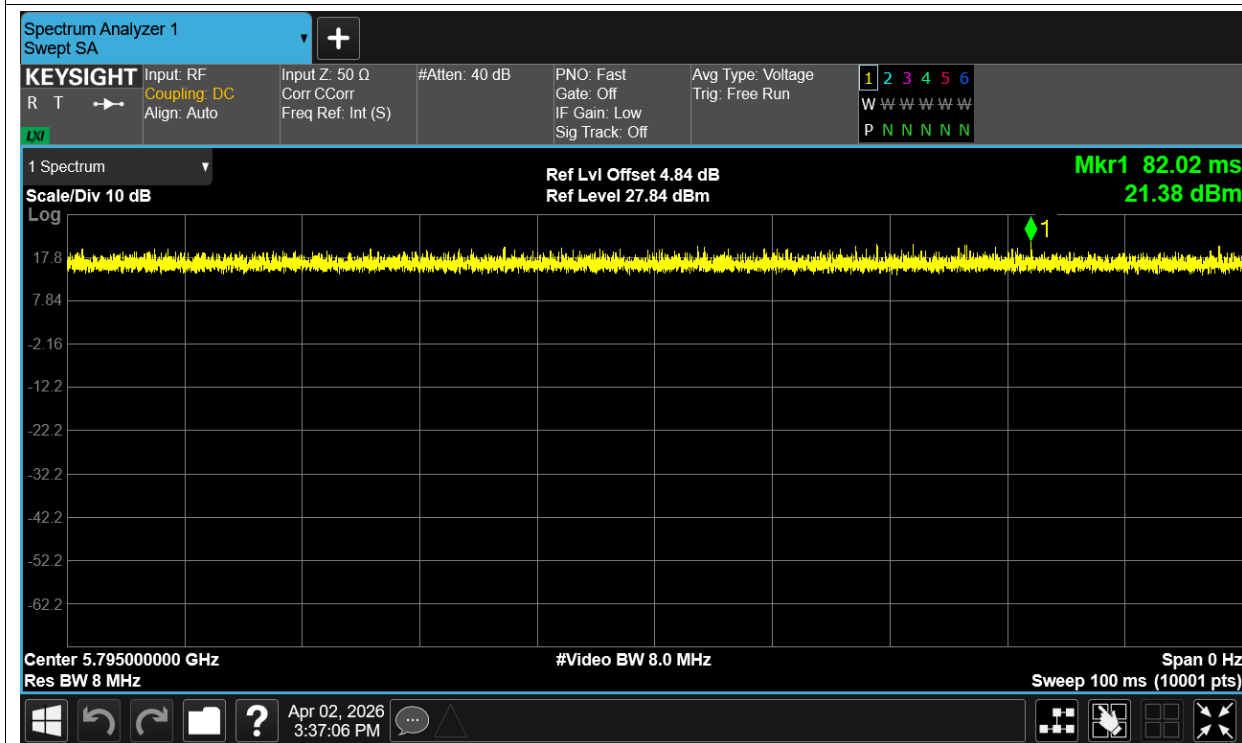
Duty Cycle NVNT ac20 5825MHz Ant1



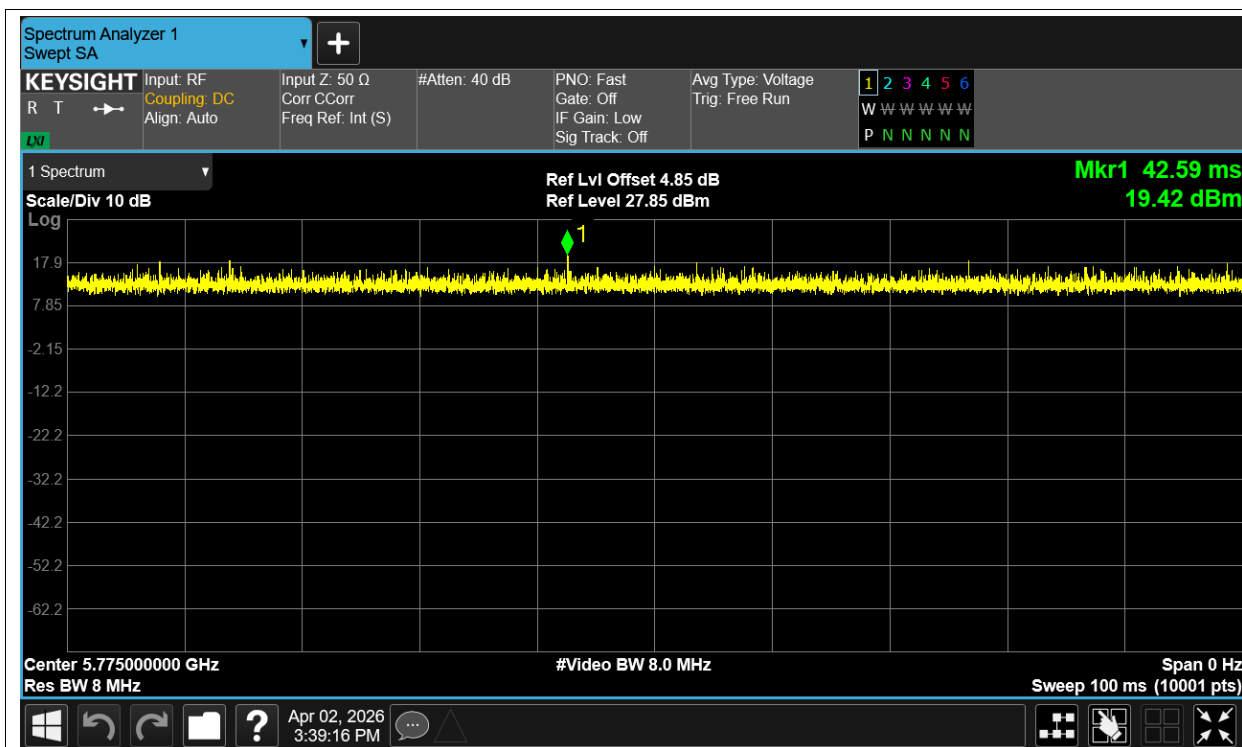
Duty Cycle NVNT ac40 5755MHz Ant1



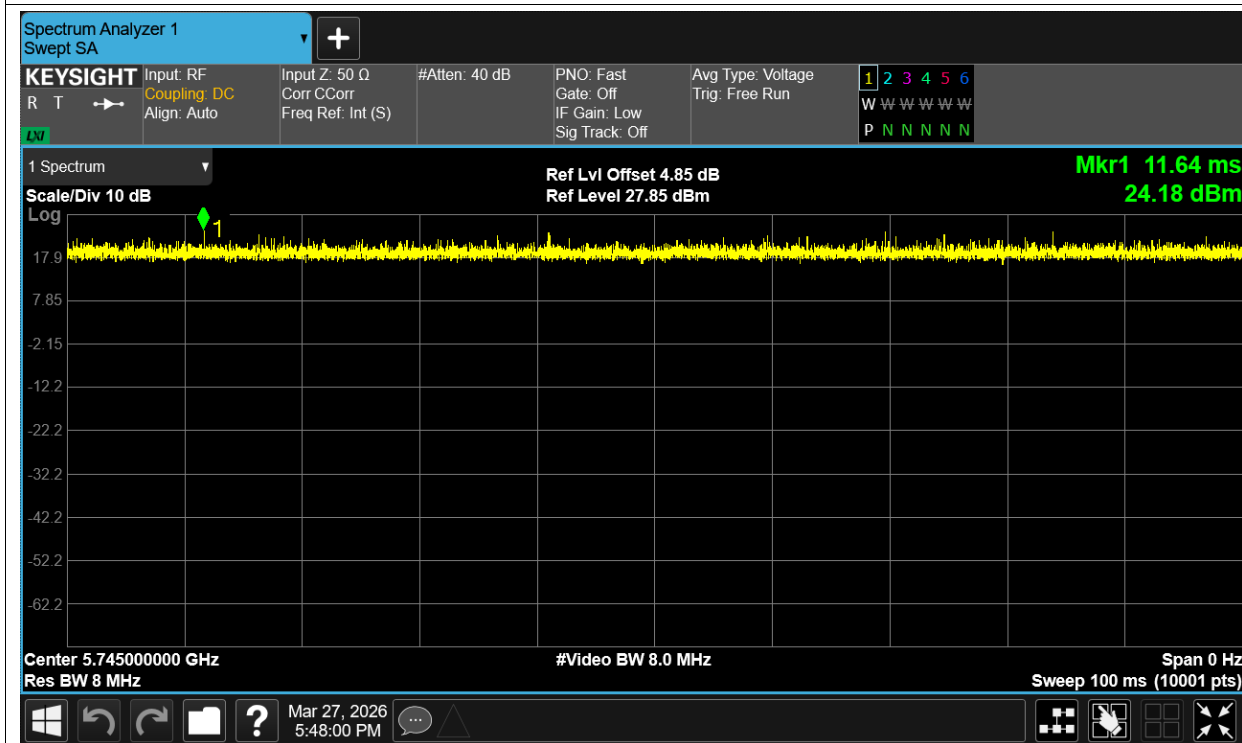
Duty Cycle NVNT ac40 5795MHz Ant1



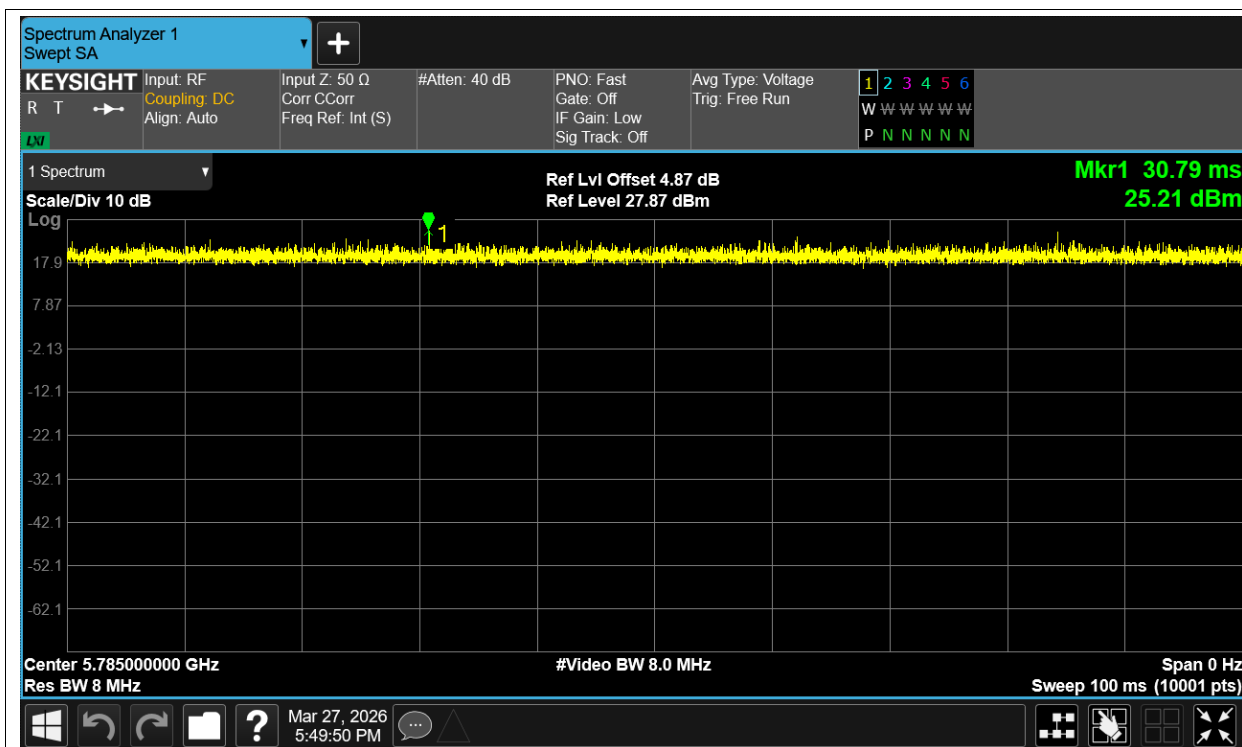
Duty Cycle NVNT ac80 5775MHz Ant1



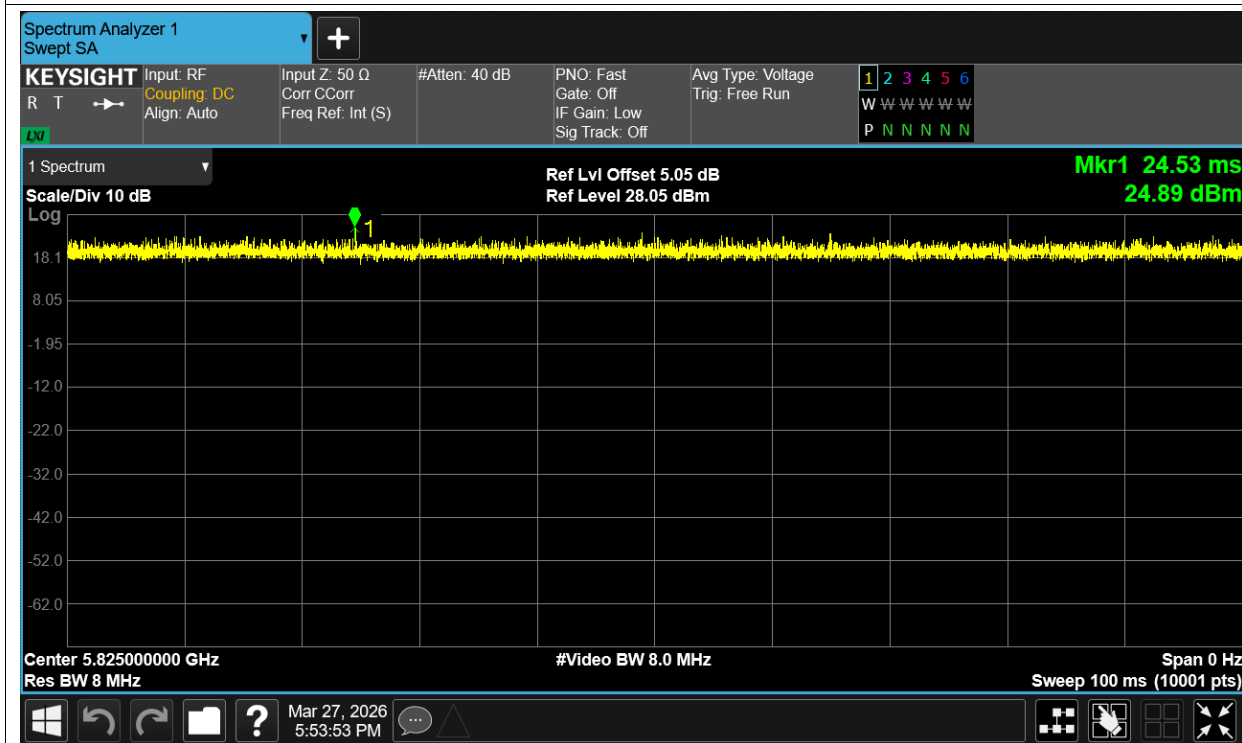
Duty Cycle NVNT ax20 5745MHz Ant1



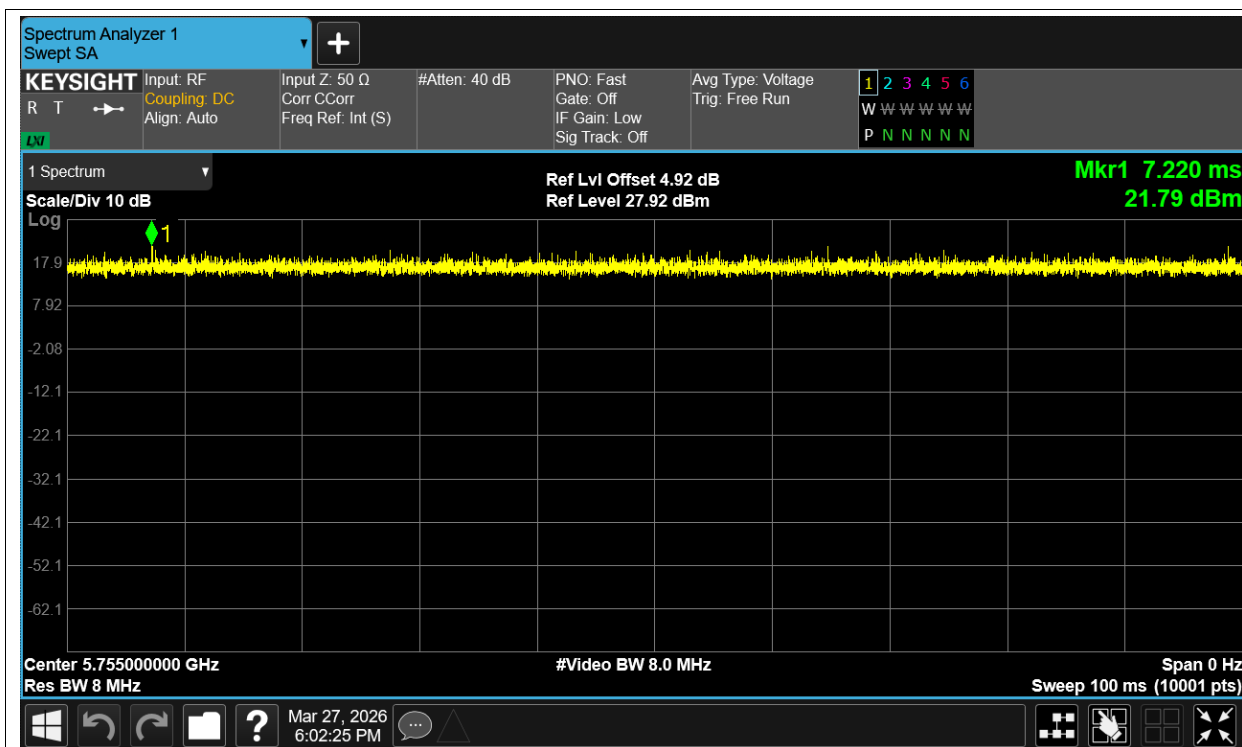
Duty Cycle NVNT ax20 5785MHz Ant1



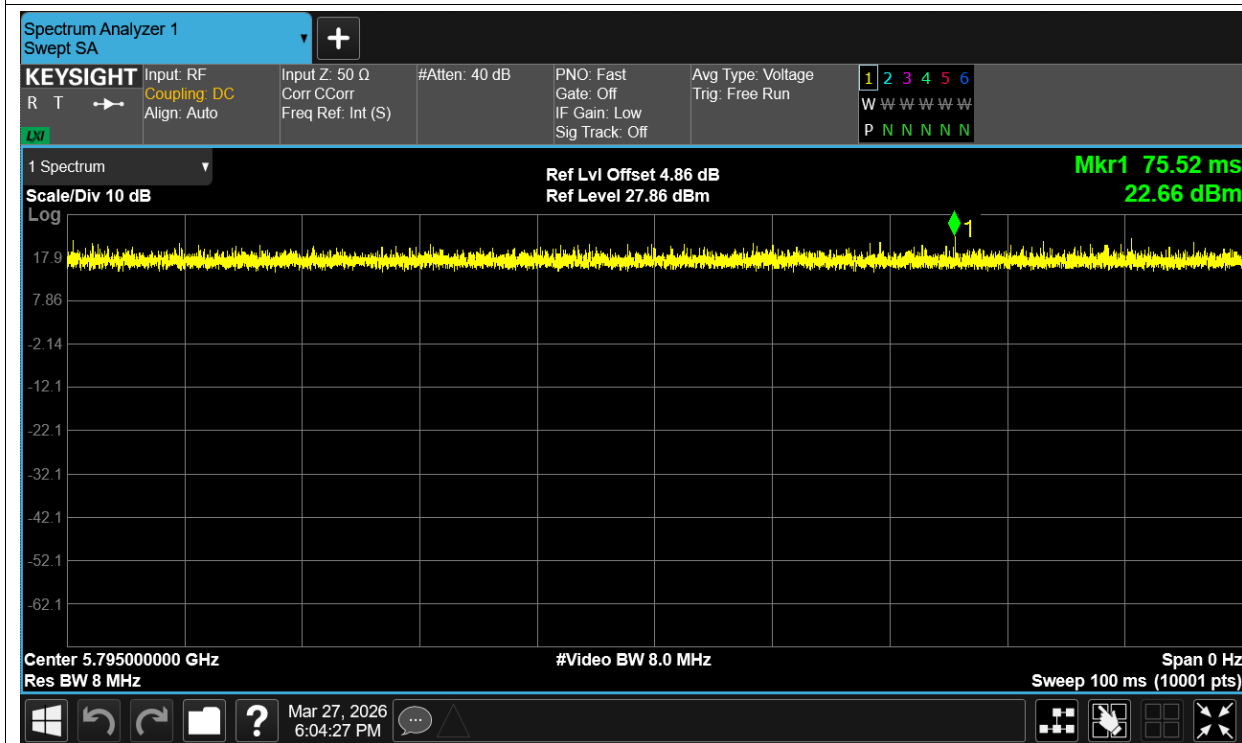
Duty Cycle NVNT ax20 5825MHz Ant1



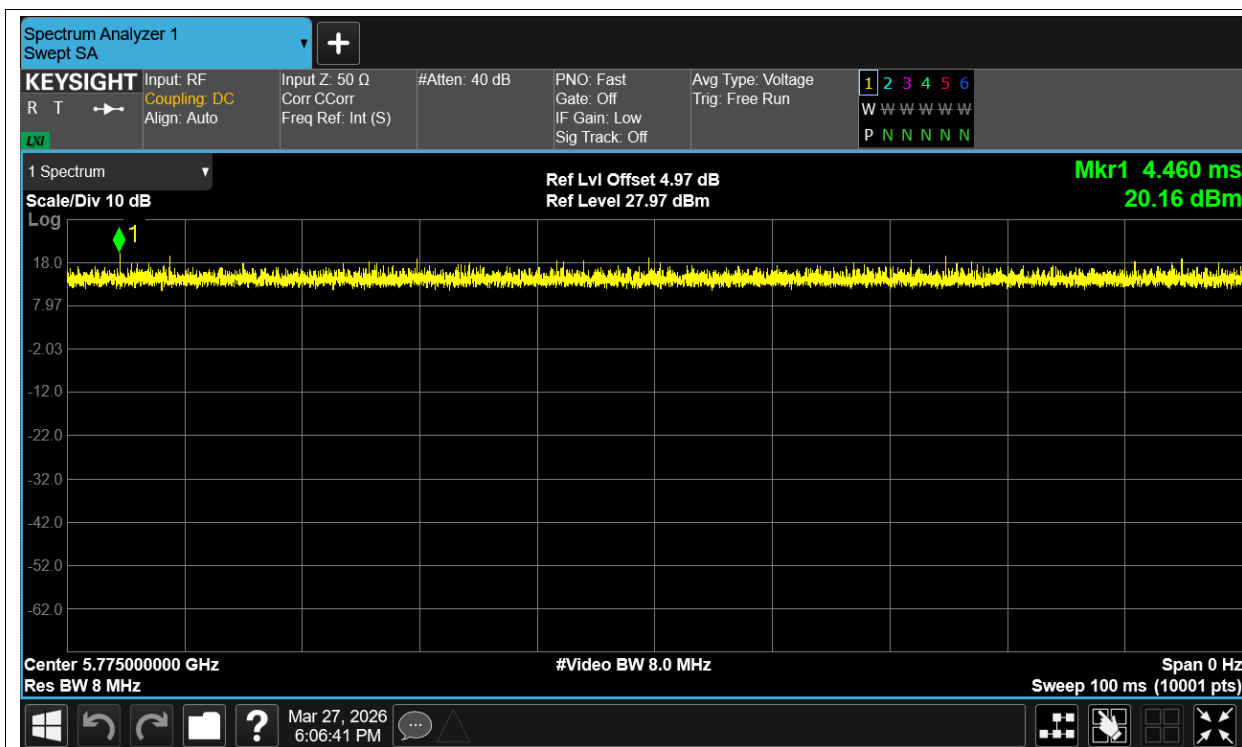
Duty Cycle NVNT ax40 5755MHz Ant1



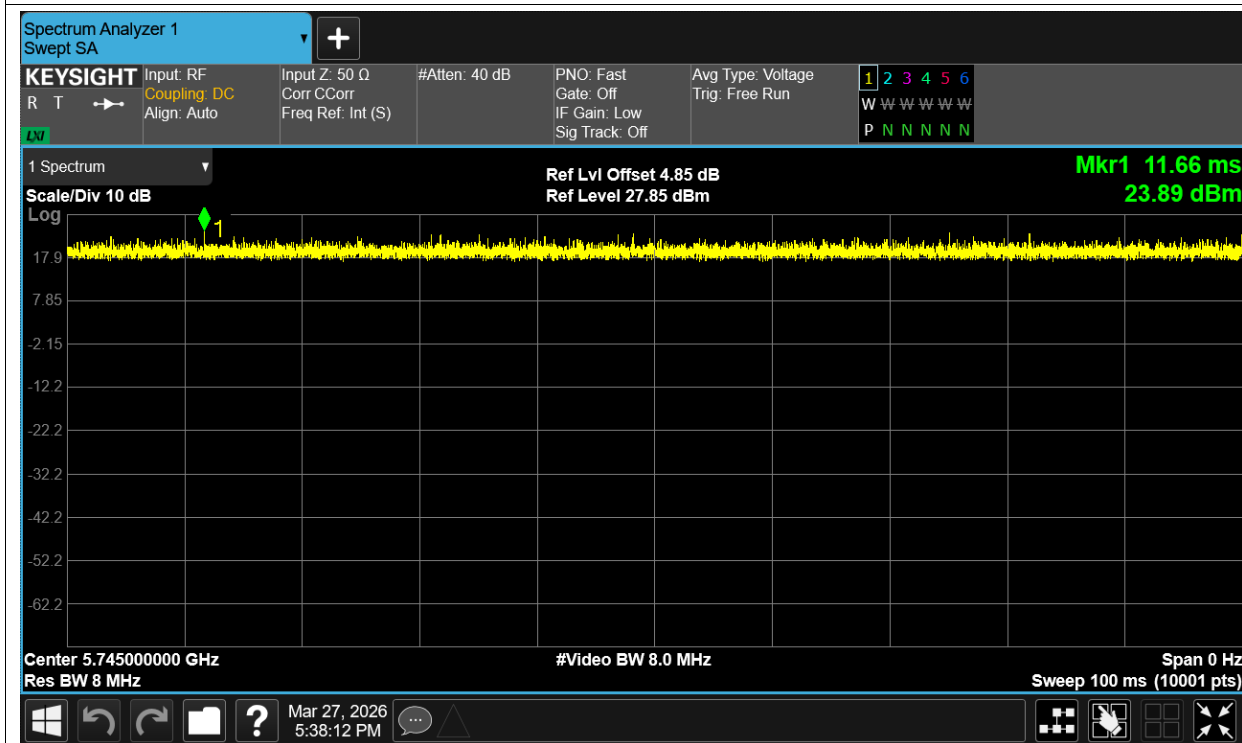
Duty Cycle NVNT ax40 5795MHz Ant1



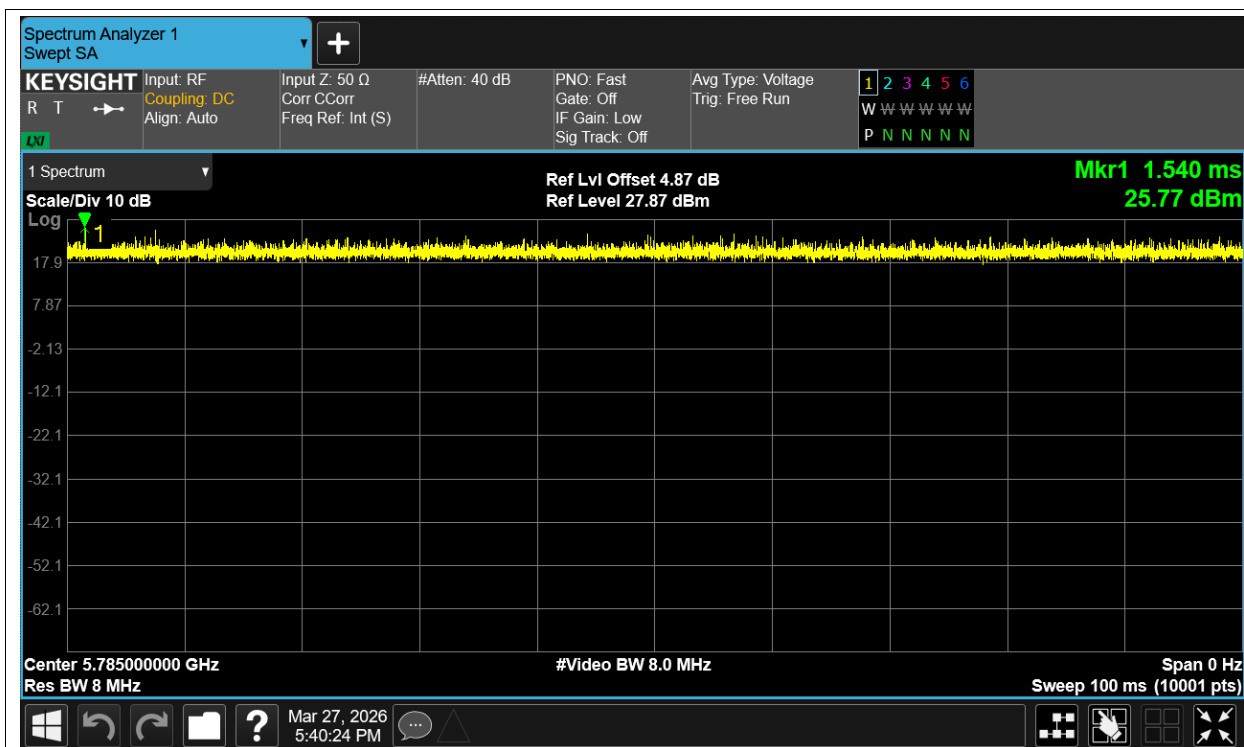
Duty Cycle NVNT ax80 5775MHz Ant1



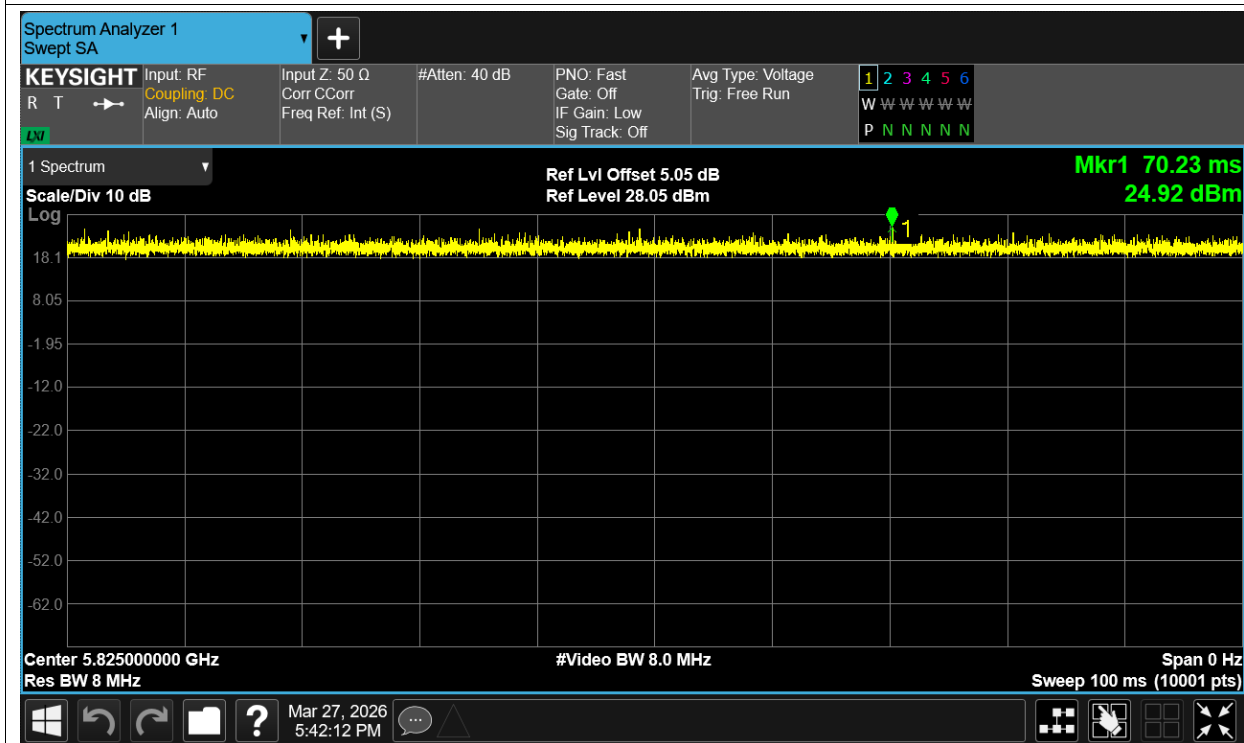
Duty Cycle NVNT n20 5745MHz Ant1



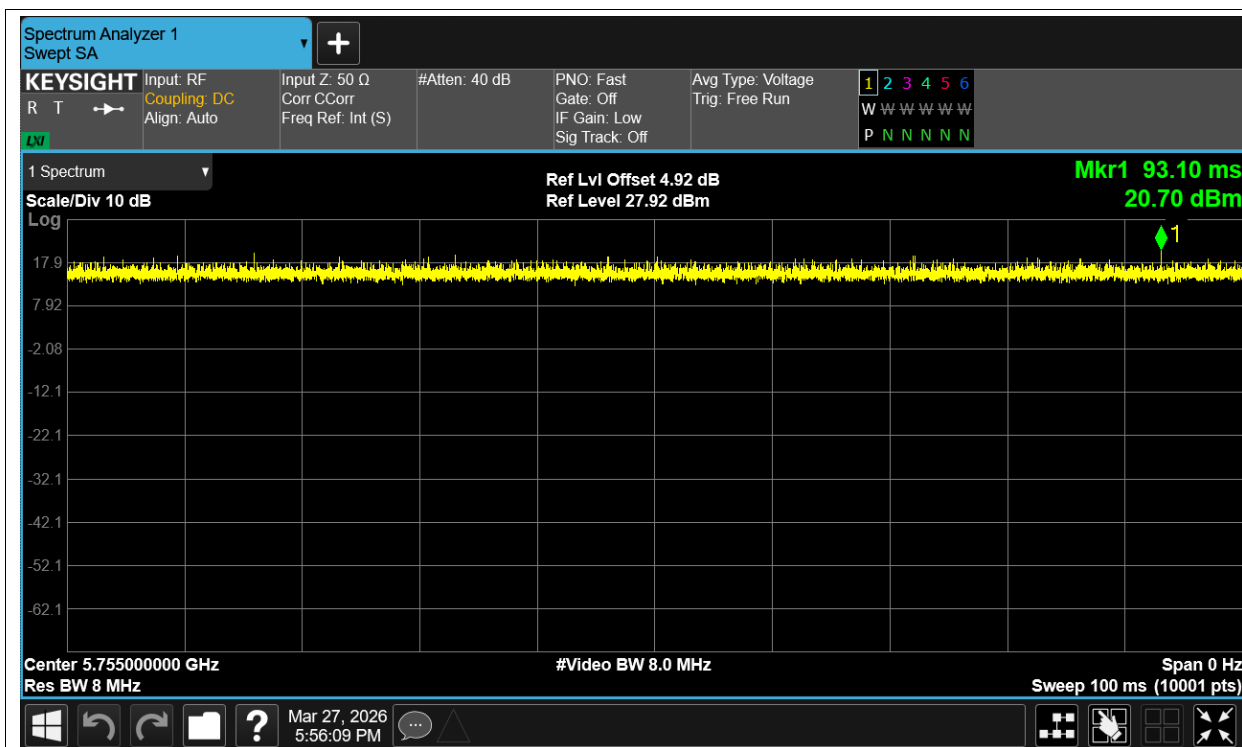
Duty Cycle NVNT n20 5785MHz Ant1



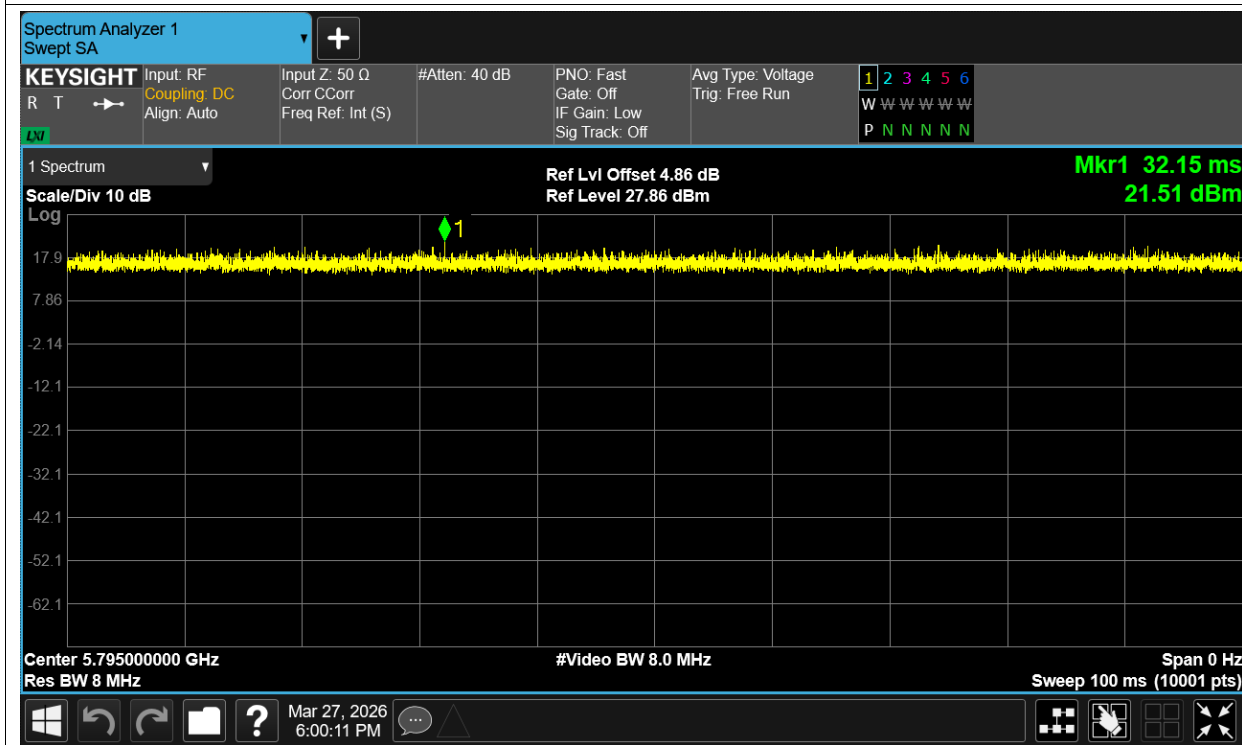
Duty Cycle NVNT n20 5825MHz Ant1



Duty Cycle NVNT n40 5755MHz Ant1



Duty Cycle NVNT n40 5795MHz Ant1



Maximum Conducted Output Power

Condition	Mode	Frequency (MHz)	Antenna	Conducted Power (dBm)	Duty Factor (dB)	Total Power (dBm)	Limit (dBm)	Verdict
NVNT	a	5745	Ant1	16.48	0	16.48	30	Pass
NVNT	a	5785	Ant1	16.73	0	16.73	30	Pass
NVNT	a	5825	Ant1	16.1	0	16.1	30	Pass
NVNT	ac20	5745	Ant1	14.93	0	14.93	30	Pass
NVNT	ac20	5785	Ant1	15.21	0	15.21	30	Pass
NVNT	ac20	5825	Ant1	14.68	0	14.68	30	Pass
NVNT	ac40	5755	Ant1	14.47	0	14.47	30	Pass
NVNT	ac40	5795	Ant1	14.91	0	14.91	30	Pass
NVNT	ac80	5775	Ant1	14.43	0	14.43	30	Pass
NVNT	ax20	5745	Ant1	15.49	0	15.49	30	Pass
NVNT	ax20	5785	Ant1	15.81	0	15.81	30	Pass
NVNT	ax20	5825	Ant1	15.4	0	15.4	30	Pass
NVNT	ax40	5755	Ant1	15	0	15	30	Pass
NVNT	ax40	5795	Ant1	15.45	0	15.45	30	Pass
NVNT	ax80	5775	Ant1	15.04	0	15.04	30	Pass
NVNT	n20	5745	Ant1	15.57	0	15.57	30	Pass
NVNT	n20	5785	Ant1	16.61	0	16.61	30	Pass
NVNT	n20	5825	Ant1	16.15	0	16.15	30	Pass
NVNT	n40	5755	Ant1	14.94	0	14.94	30	Pass
NVNT	n40	5795	Ant1	15.18	0	15.18	30	Pass

-6dB Bandwidth

Condition	Mode	Frequency (MHz)	Antenna	-6 dB Bandwidth (MHz)	limit (MHz)	Verdic
NVNT	a	5745	Ant1	16.554	0.5	Pass
NVNT	a	5785	Ant1	16.518	0.5	Pass
NVNT	a	5825	Ant1	16.55	0.5	Pass
NVNT	ac20	5745	Ant1	17.791	0.5	Pass
NVNT	ac20	5785	Ant1	17.812	0.5	Pass
NVNT	ac20	5825	Ant1	17.824	0.5	Pass
NVNT	ac40	5755	Ant1	36.407	0.5	Pass
NVNT	ac40	5795	Ant1	36.361	0.5	Pass
NVNT	ac80	5775	Ant1	76.343	0.5	Pass
NVNT	ax20	5745	Ant1	19.191	0.5	Pass
NVNT	ax20	5785	Ant1	19.18	0.5	Pass
NVNT	ax20	5825	Ant1	19.093	0.5	Pass
NVNT	ax40	5755	Ant1	38.093	0.5	Pass
NVNT	ax40	5795	Ant1	37.87	0.5	Pass
NVNT	ax80	5775	Ant1	77.873	0.5	Pass
NVNT	n20	5745	Ant1	17.829	0.5	Pass
NVNT	n20	5785	Ant1	17.815	0.5	Pass
NVNT	n20	5825	Ant1	17.822	0.5	Pass
NVNT	n40	5755	Ant1	36.452	0.5	Pass
NVNT	n40	5795	Ant1	36.368	0.5	Pass

