

Test Data

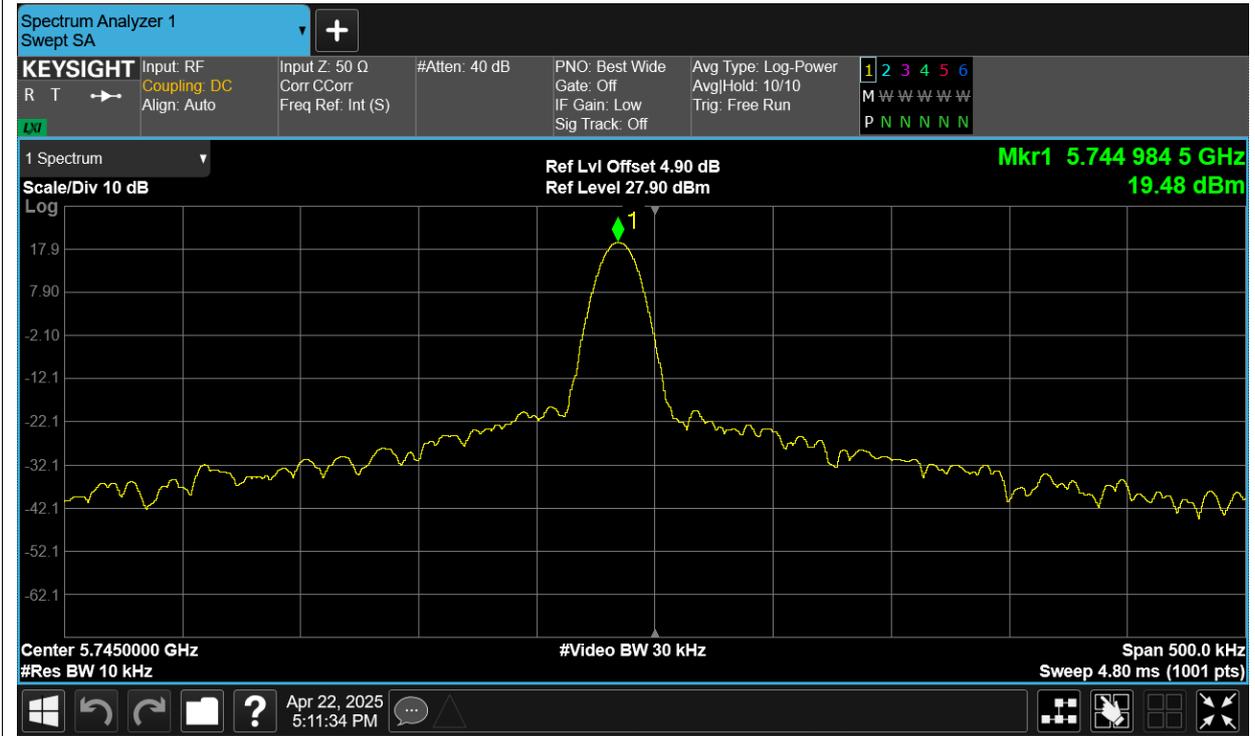
Frequency Stability

Condition	Mode	Frequency (MHz)	Antenna	Measured Frequency (MHz)	Deviation (ppm)	Limit (ppm)	Verdict
HVNT	a	5745	Ant3	5744.9845	-2.7	Within authorized band	Pass
LVNT	a	5745	Ant3	5744.985	-2.61		Pass
NVHT	a	5745	Ant3	5744.9855	-2.52		Pass
NVLT	a	5745	Ant3	5744.987	-2.26		Pass
NVNT	a	5745	Ant3	5744.9875	-2.18		Pass
HVNT	ac80	5775	Ant3	5774.982	-3.12		Pass
LVNT	ac80	5775	Ant3	5774.9825	-3.03		Pass
NVHT	ac80	5775	Ant3	5774.9825	-3.03		Pass
NVLT	ac80	5775	Ant3	5774.9825	-3.03		Pass
NVNT	ac80	5775	Ant3	5774.983	-2.94		Pass
HVNT	n40	5755	Ant3	5754.9825	-3.04		Pass
NVHT	n40	5755	Ant3	5754.9825	-3.04		Pass
NVLT	n40	5755	Ant3	5754.983	-2.95		Pass
NVNT	n40	5755	Ant3	5754.983	-2.95		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

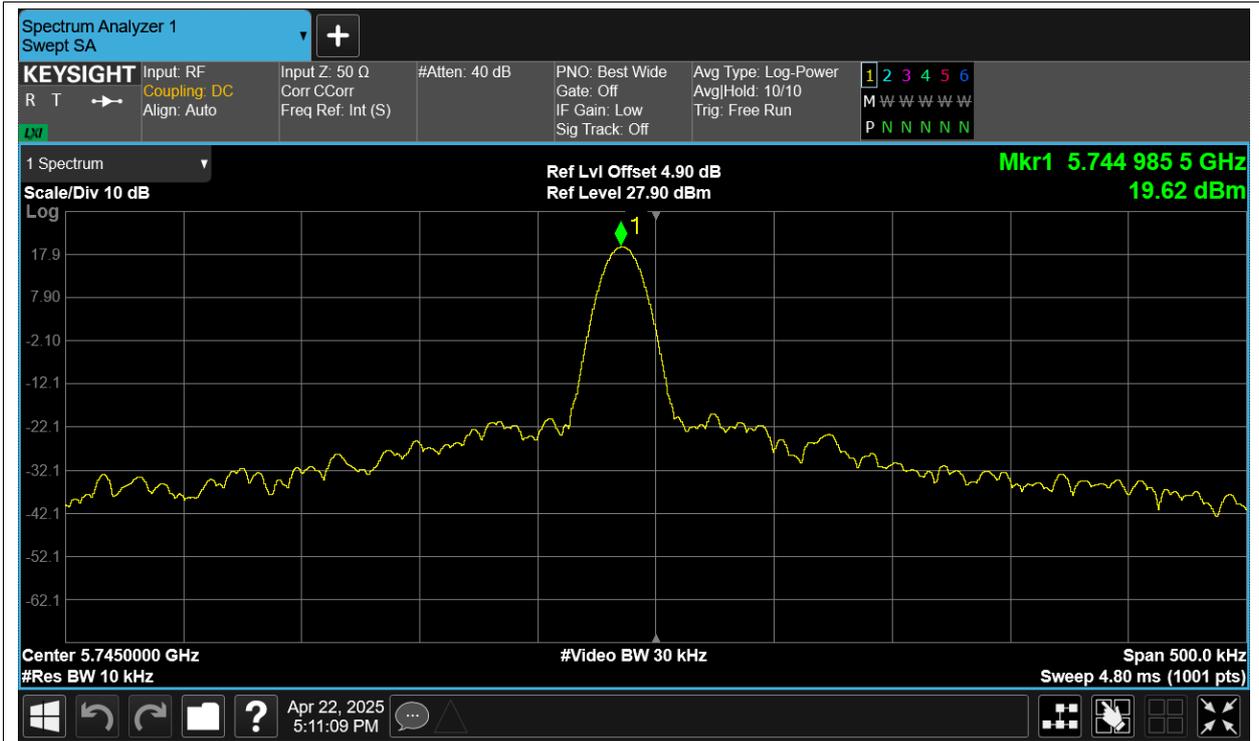
Freq. Stability HVNT a 5745MHz Ant3



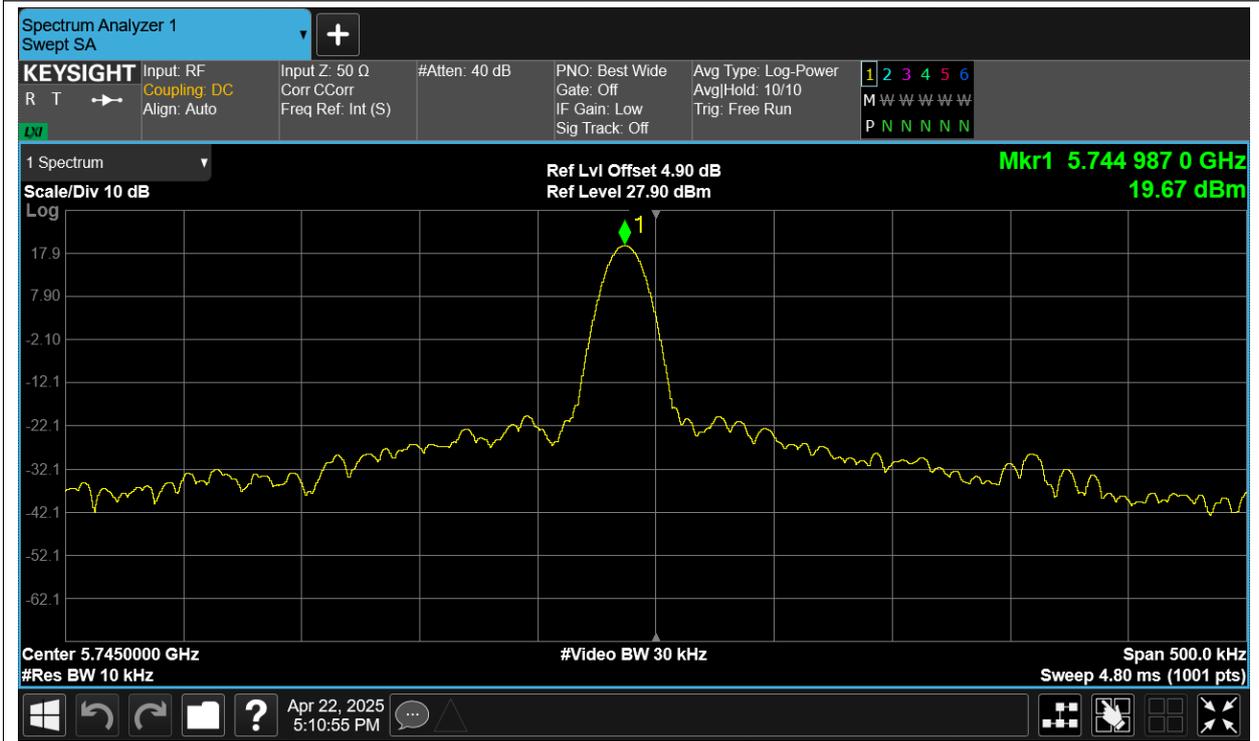
Freq. Stability LVNT a 5745MHz Ant3



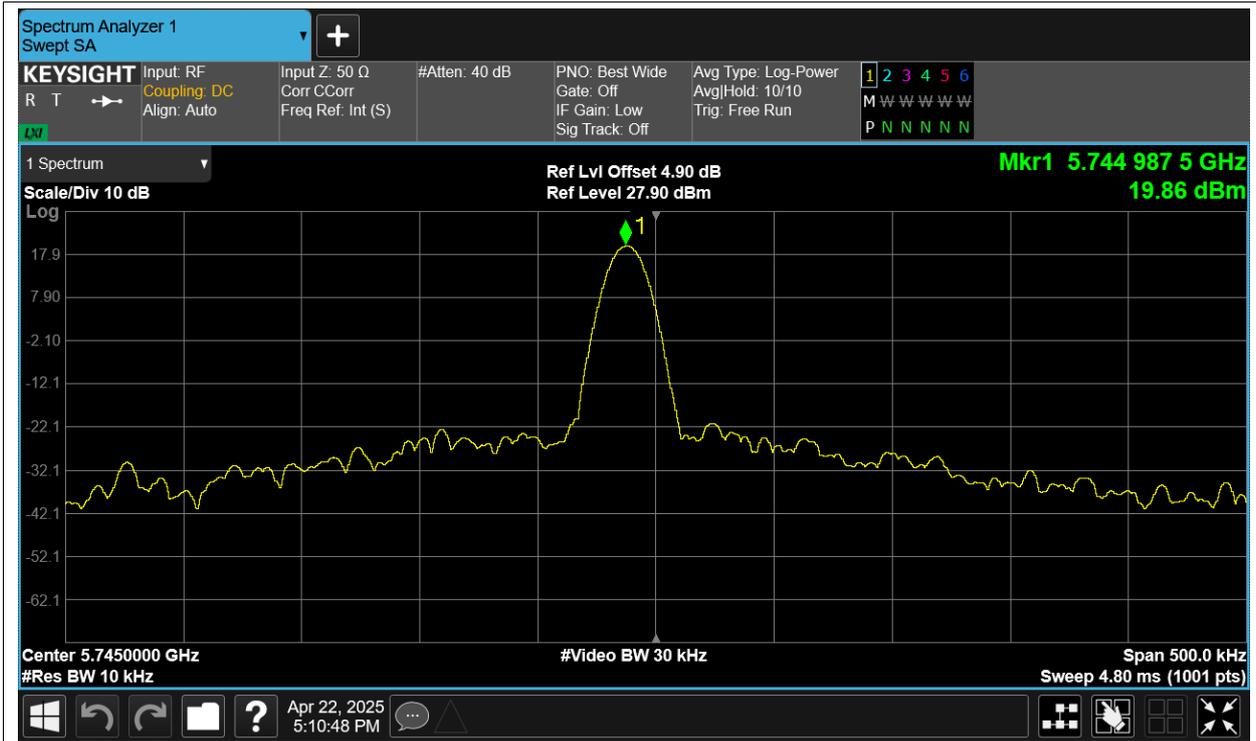
Freq. Stability NVHT a 5745MHz Ant3



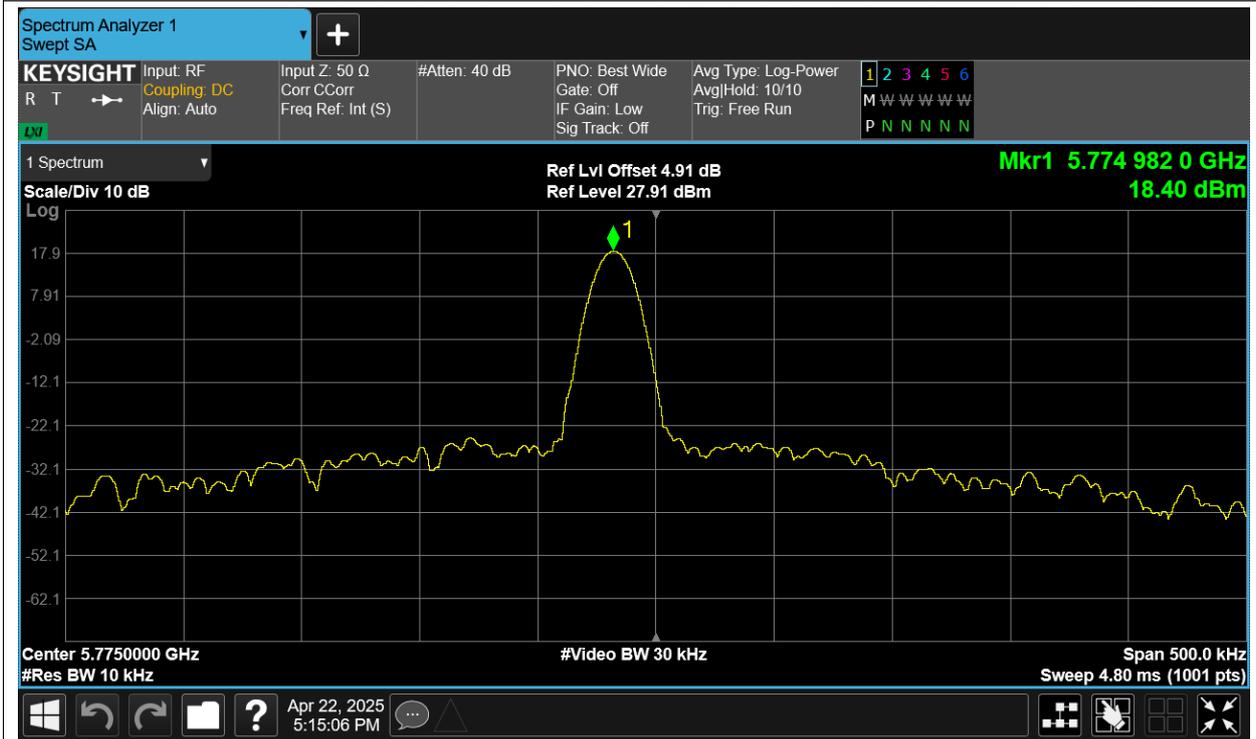
Freq. Stability NVLT a 5745MHz Ant3



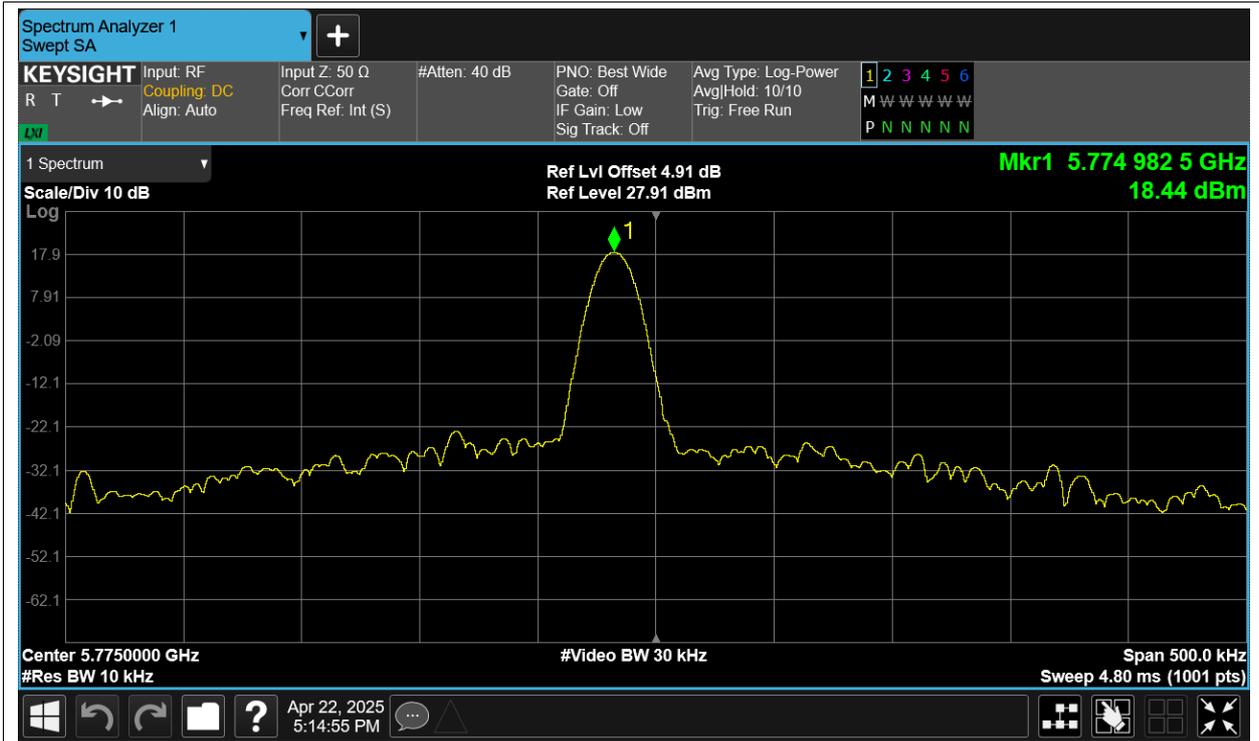
Freq. Stability NVNT a 5745MHz Ant3



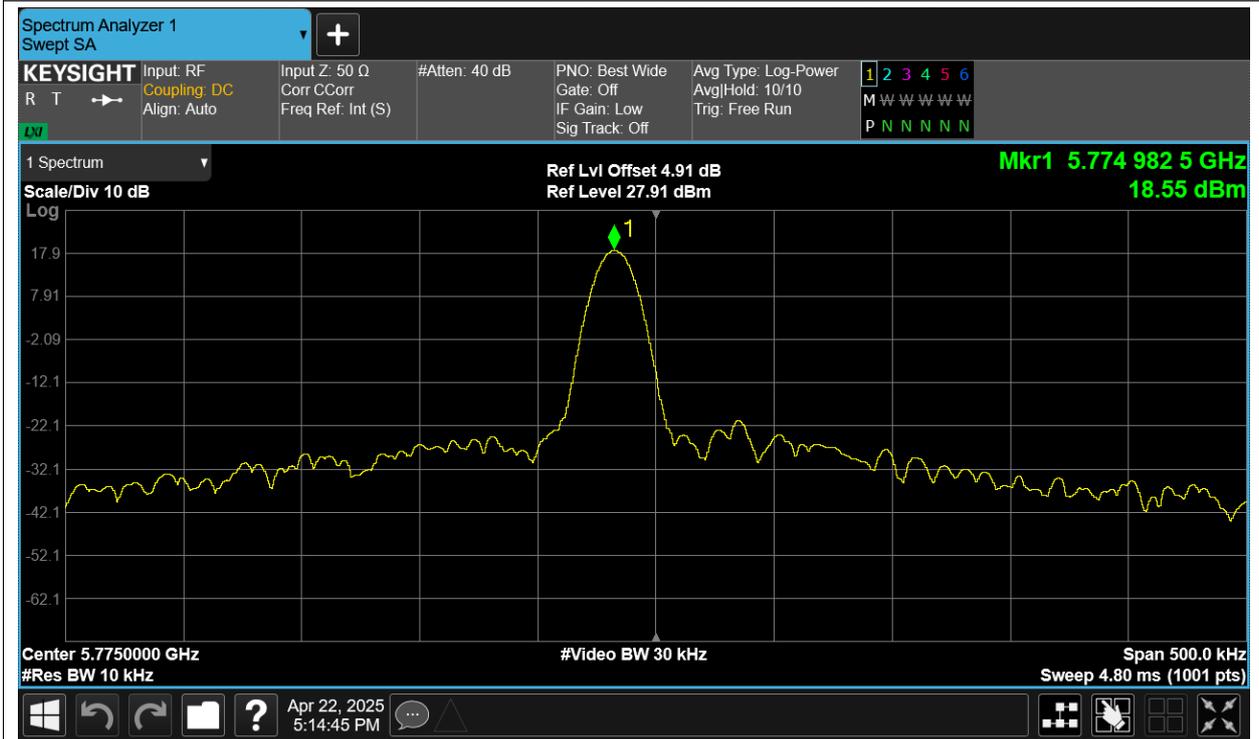
Freq. Stability HVNT ac80 5775MHz Ant3



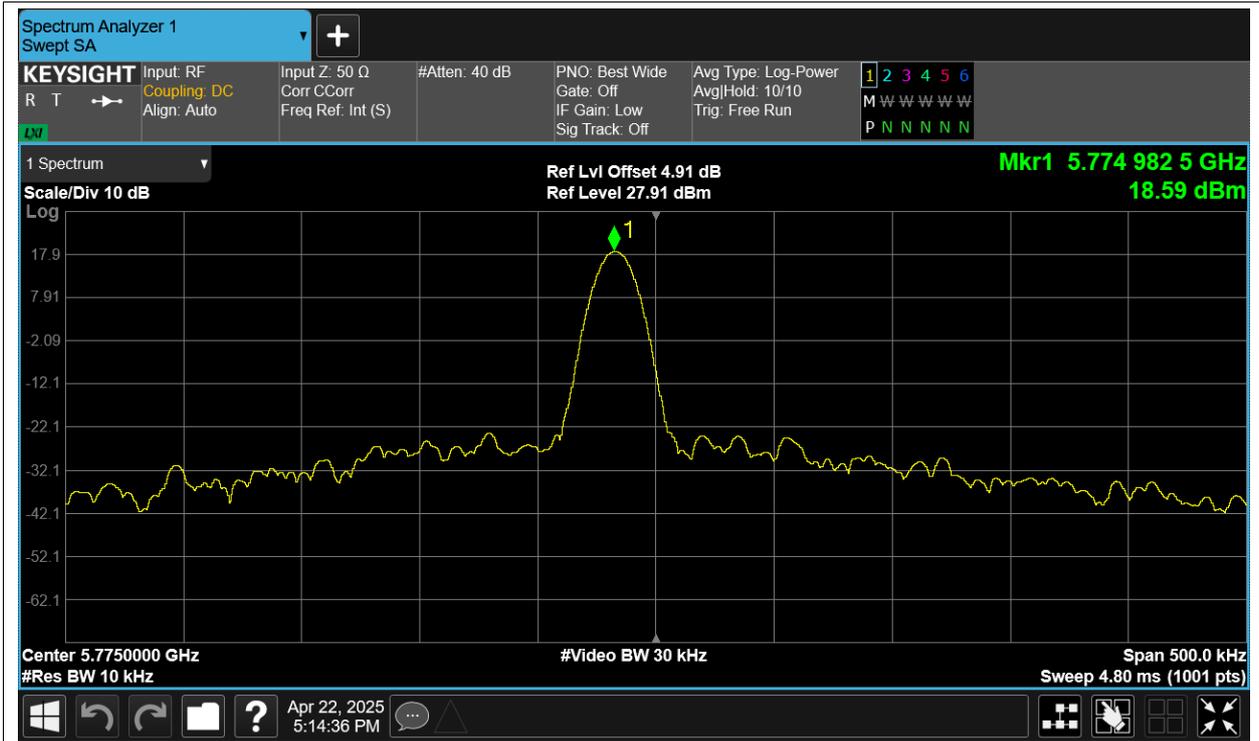
Freq. Stability LVNT ac80 5775MHz Ant3



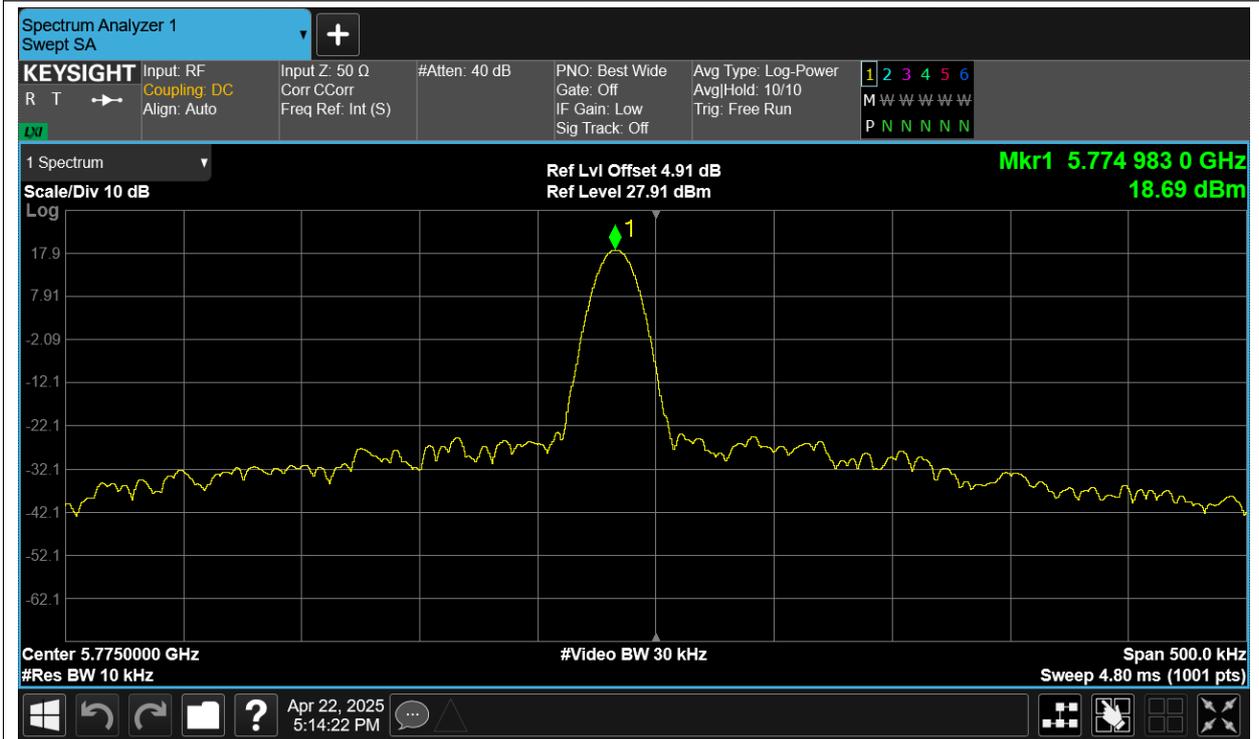
Freq. Stability NVHT ac80 5775MHz Ant3



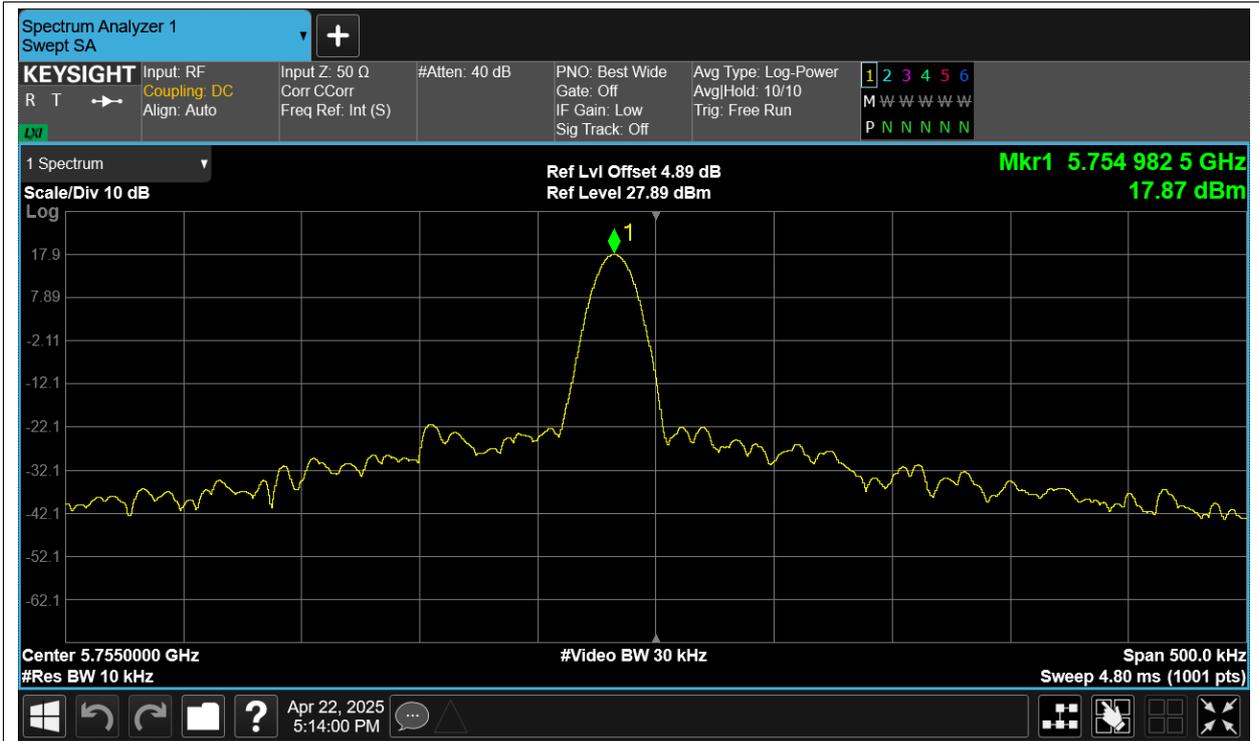
Freq. Stability NVLT ac80 5775MHz Ant3



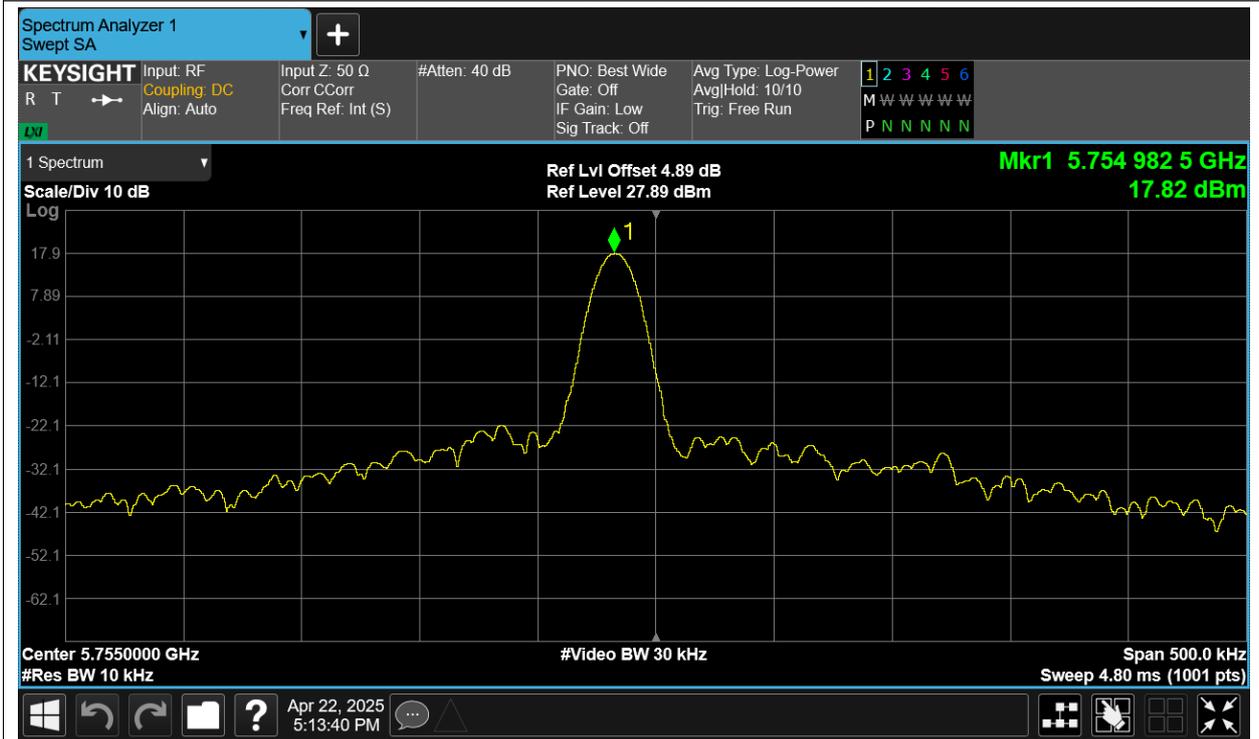
Freq. Stability NVNT ac80 5775MHz Ant3



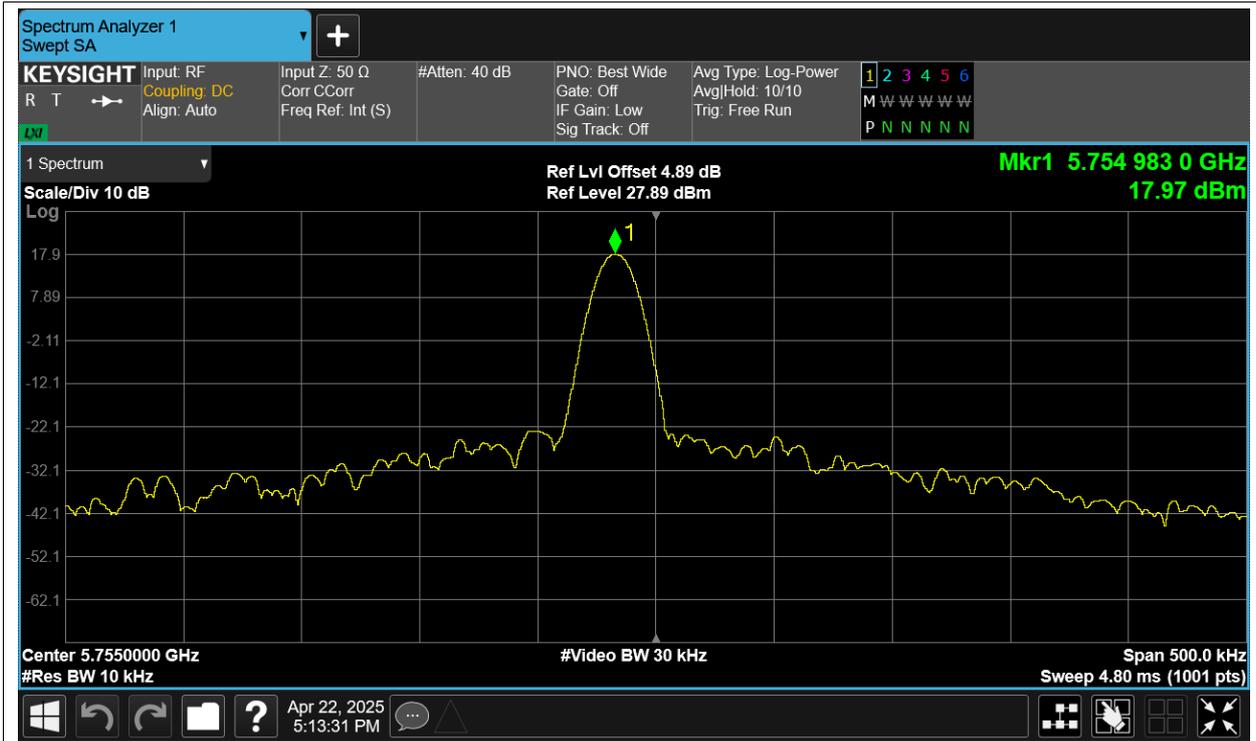
Freq. Stability HVNT n40 5755MHz Ant3



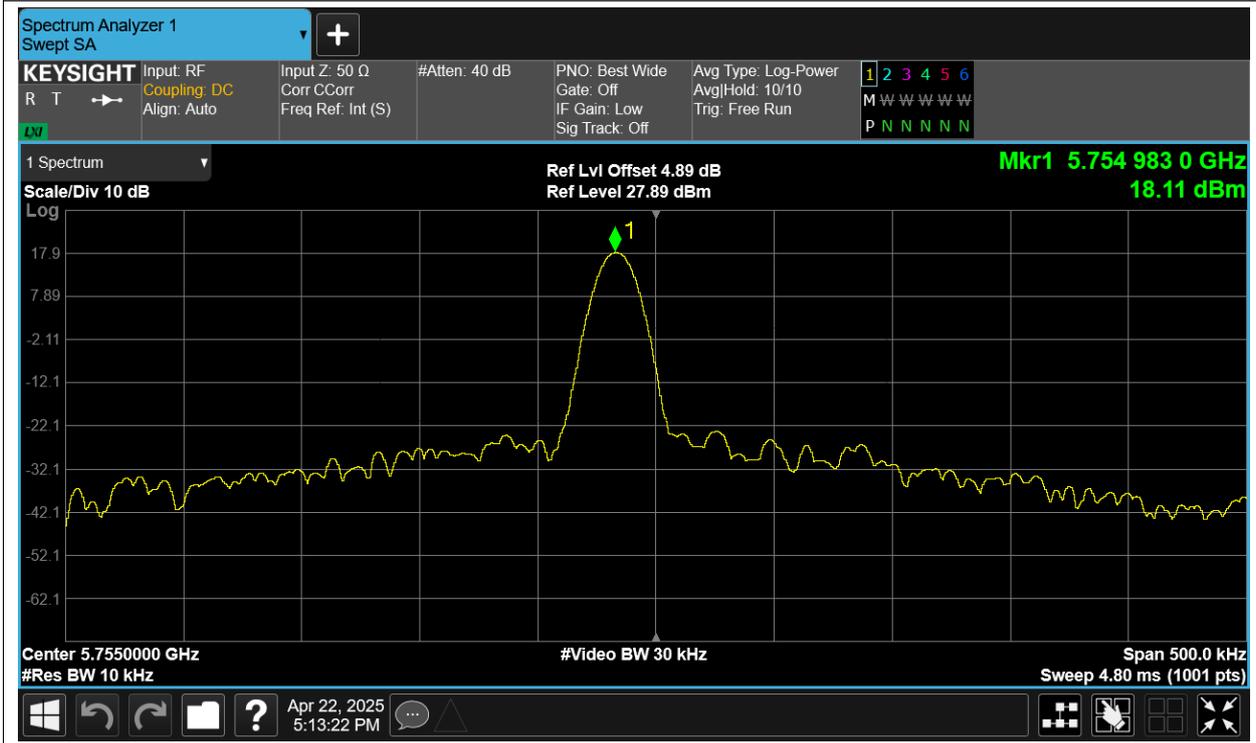
Freq. Stability NVHT n40 5755MHz Ant3



Freq. Stability NVLT n40 5755MHz Ant3



Freq. Stability NVNT n40 5755MHz Ant3

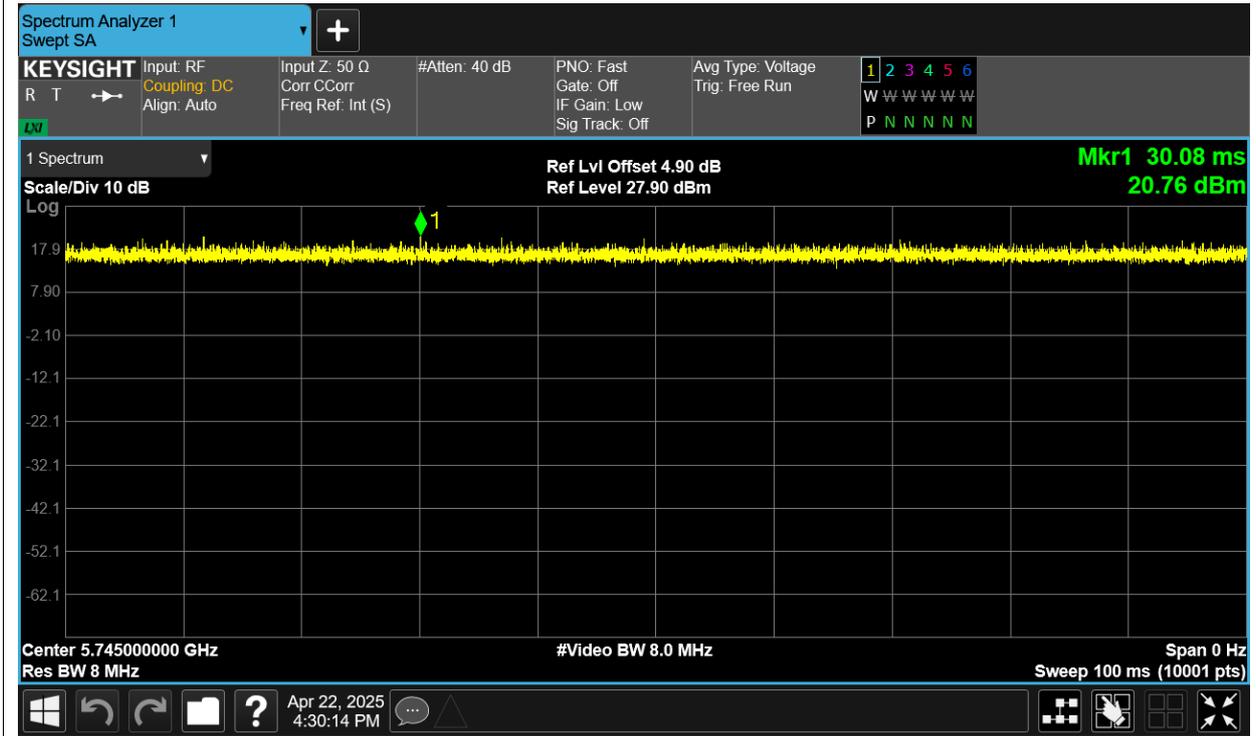


Duty Cycle

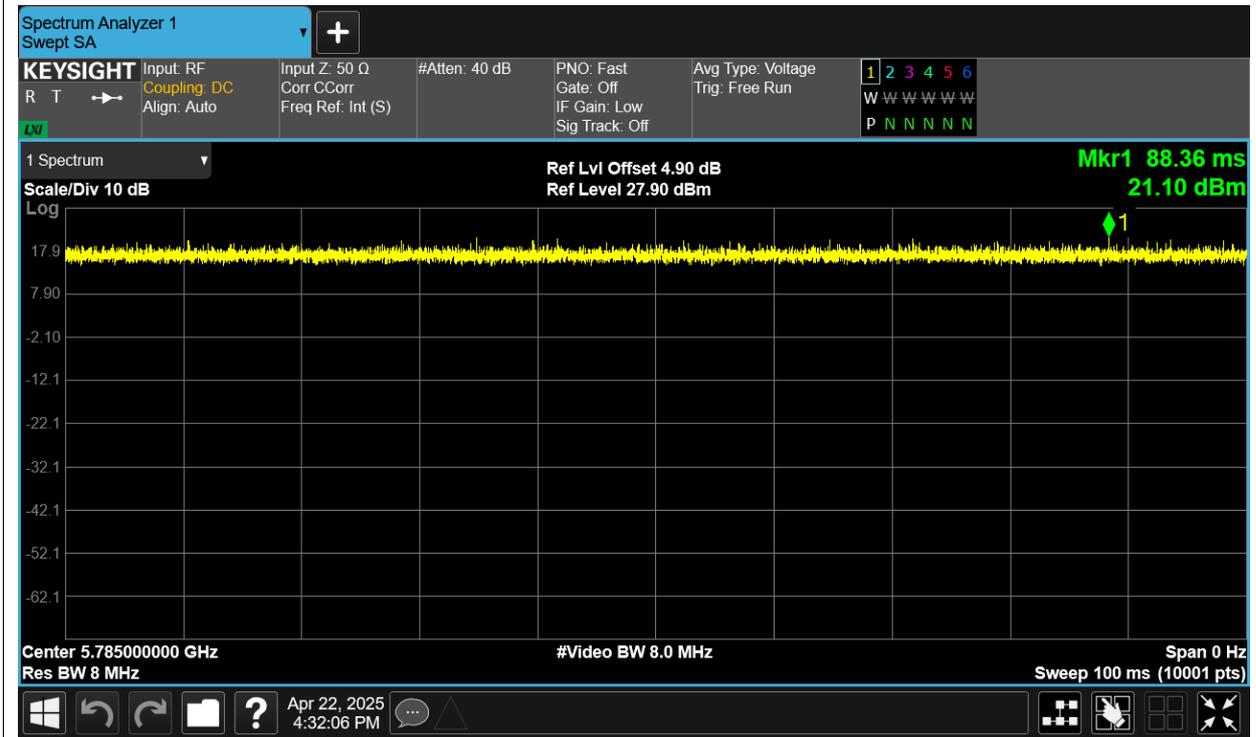
Condition	Mode	Frequency (MHz)	Antenna	Duty Cycle (%)	Correction Factor (dB)
NVNT	a	5745	Ant3	100	0
NVNT	a	5785	Ant3	100	0
NVNT	a	5825	Ant3	100	0
NVNT	ac20	5745	Ant3	100	0
NVNT	ac20	5785	Ant3	100	0
NVNT	ac20	5825	Ant3	100	0
NVNT	ac40	5755	Ant3	100	0
NVNT	ac40	5795	Ant3	100	0
NVNT	ac80	5775	Ant3	100	0
NVNT	n20	5745	Ant3	100	0
NVNT	n20	5785	Ant3	100	0
NVNT	n20	5825	Ant3	100	0
NVNT	n40	5755	Ant3	100	0
NVNT	n40	5795	Ant3	100	0

Test Graphs

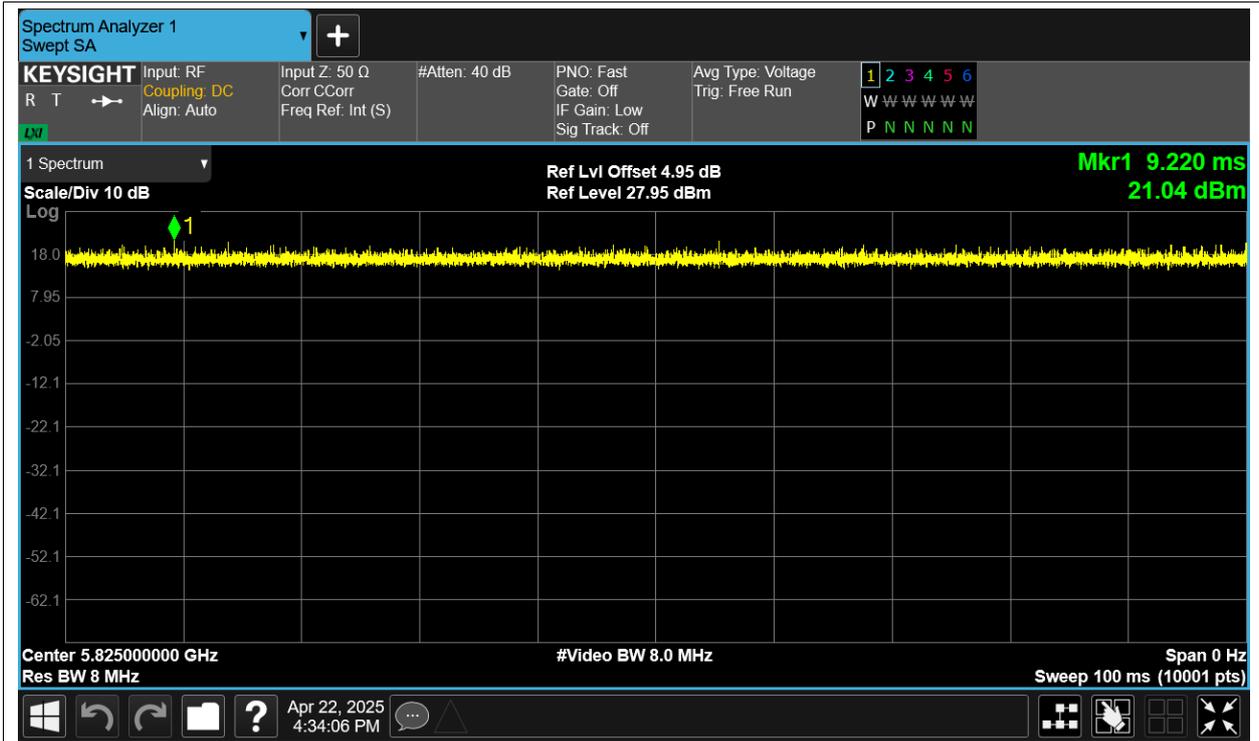
Duty Cycle NVNT a 5745MHz Ant3



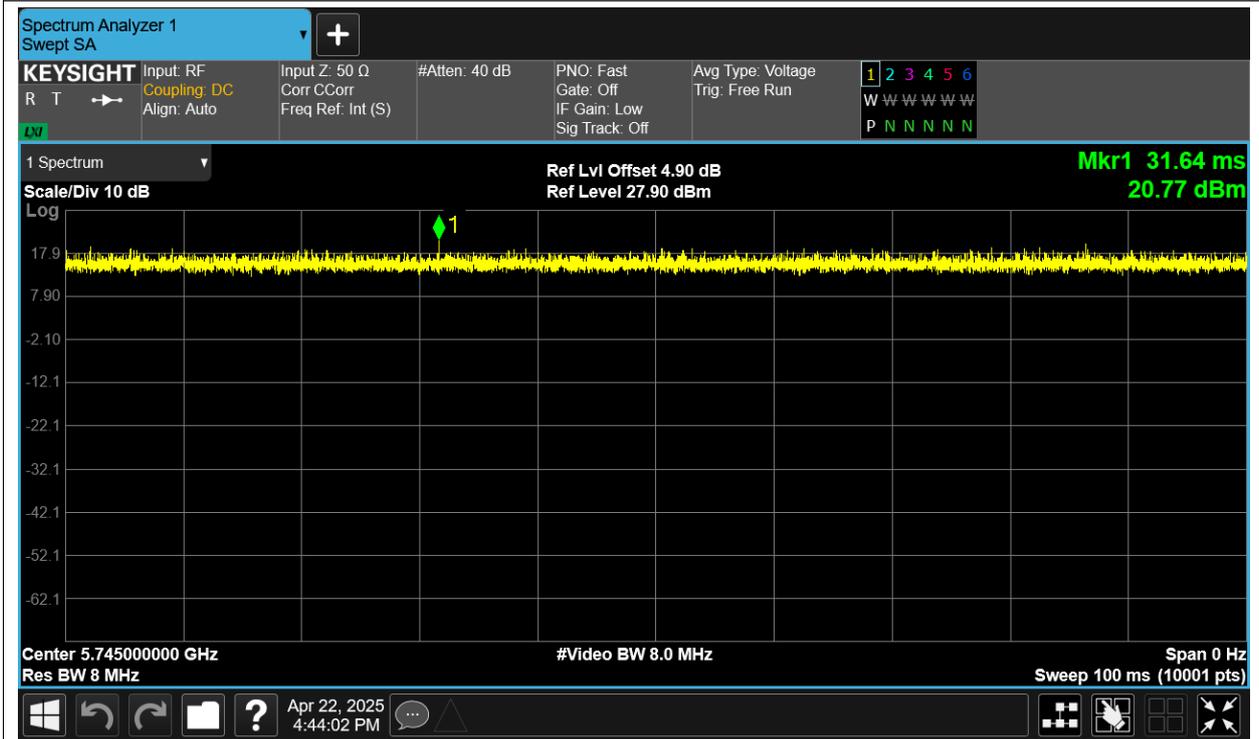
Duty Cycle NVNT a 5785MHz Ant3



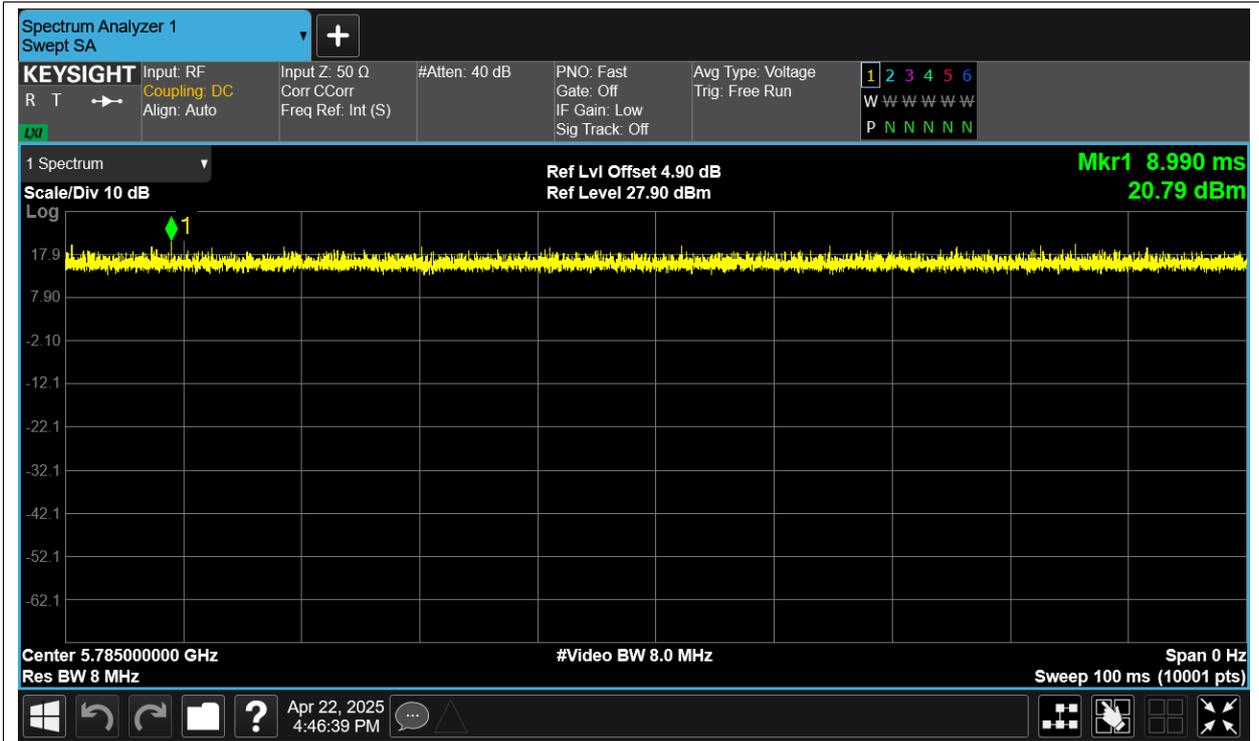
Duty Cycle NVNT a 5825MHz Ant3



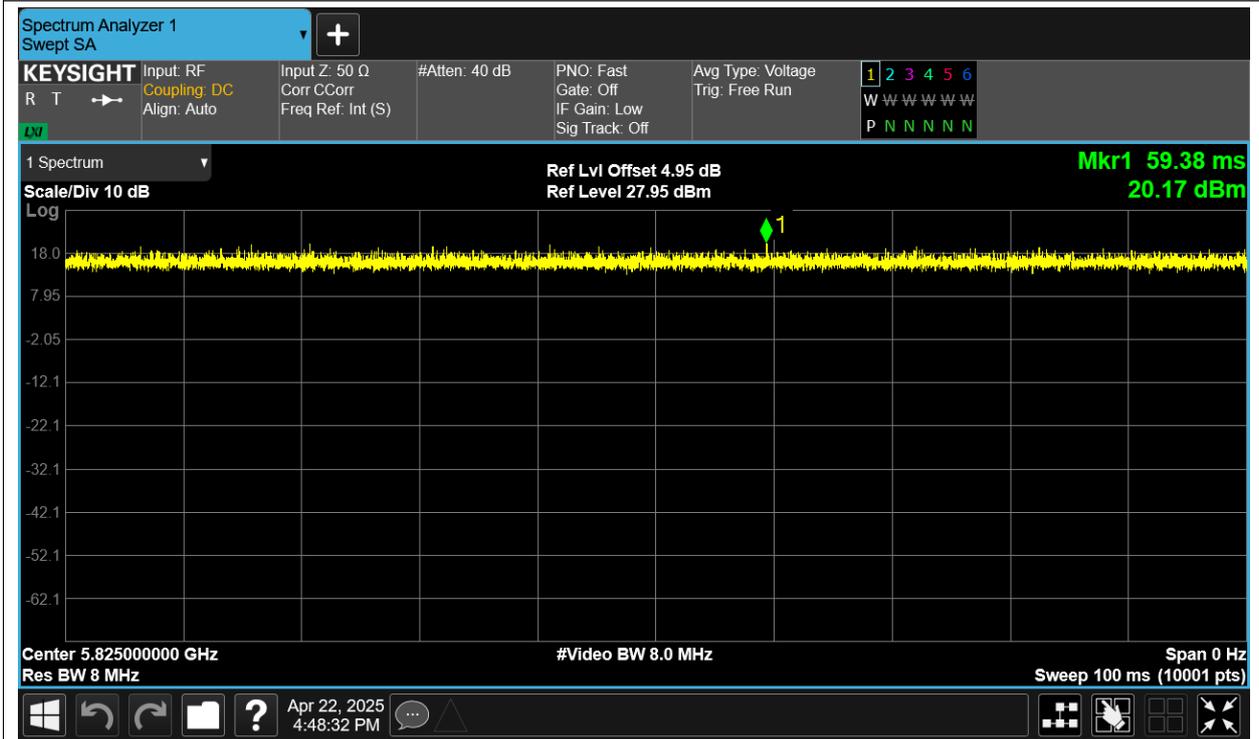
Duty Cycle NVNT ac20 5745MHz Ant3



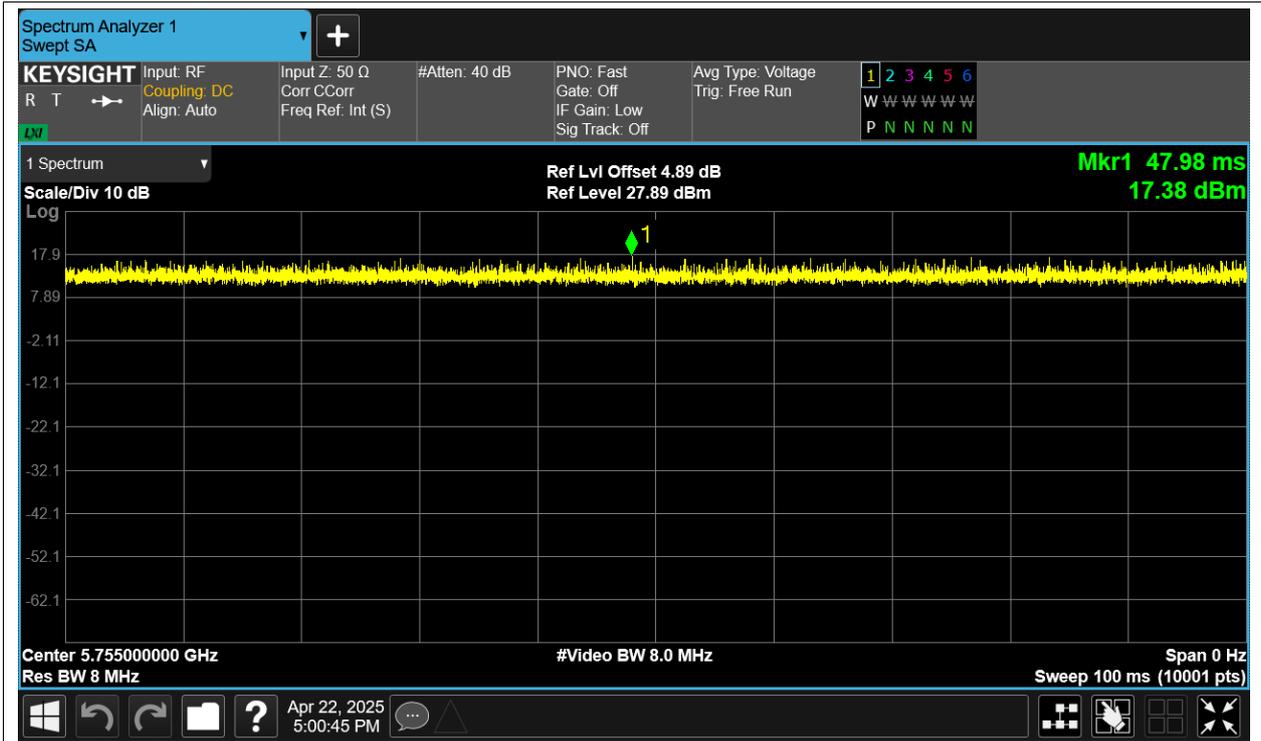
Duty Cycle NVNT ac20 5785MHz Ant3



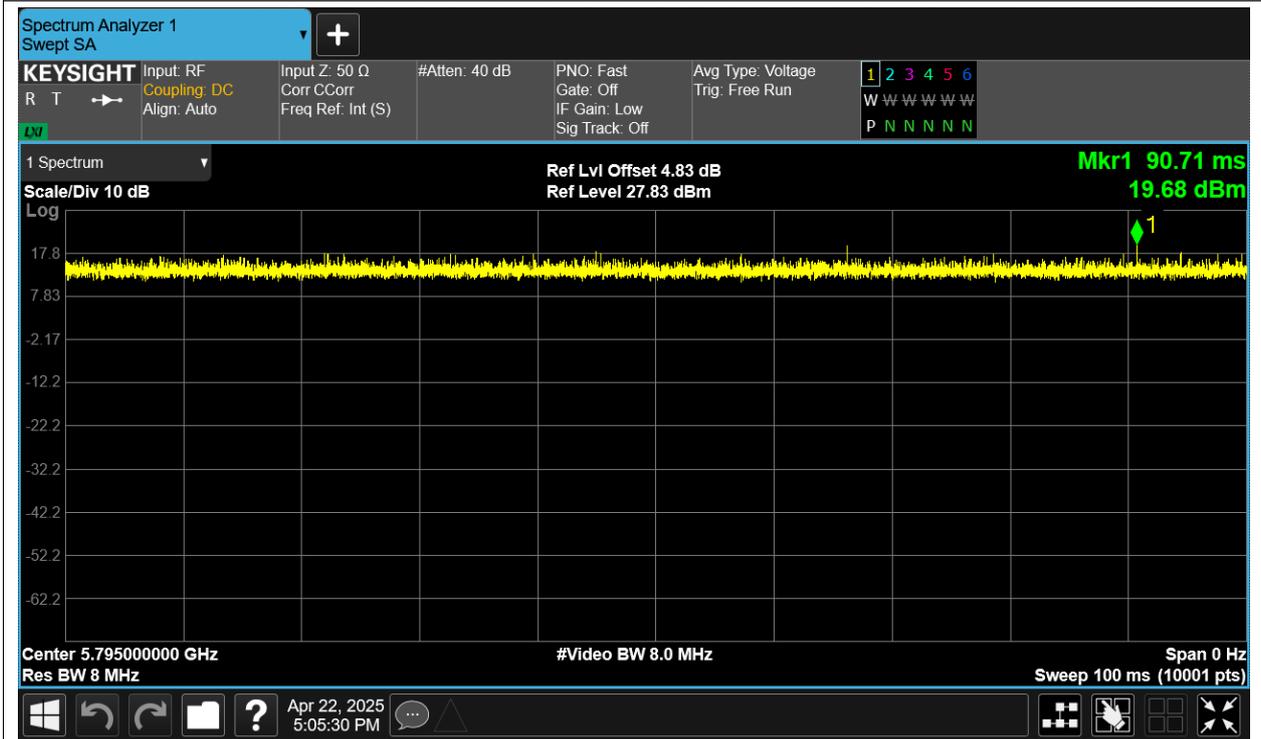
Duty Cycle NVNT ac20 5825MHz Ant3



Duty Cycle NVNT ac40 5755MHz Ant3



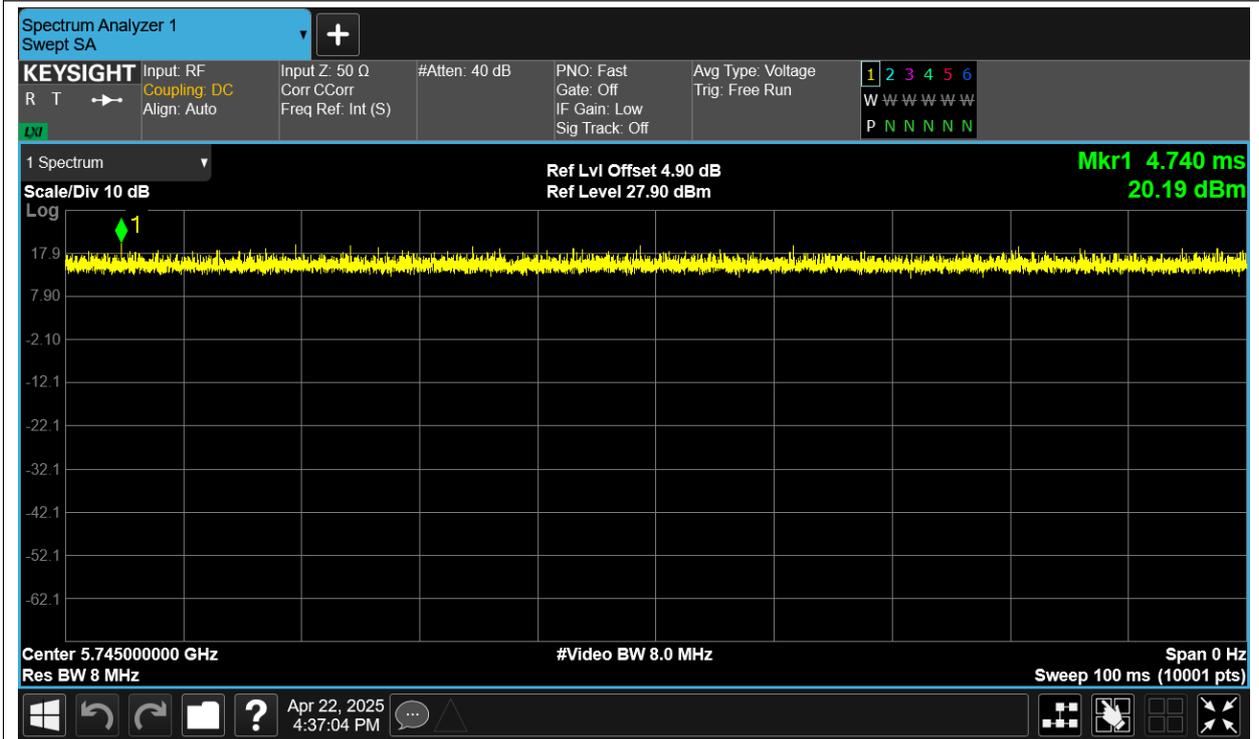
Duty Cycle NVNT ac40 5795MHz Ant3



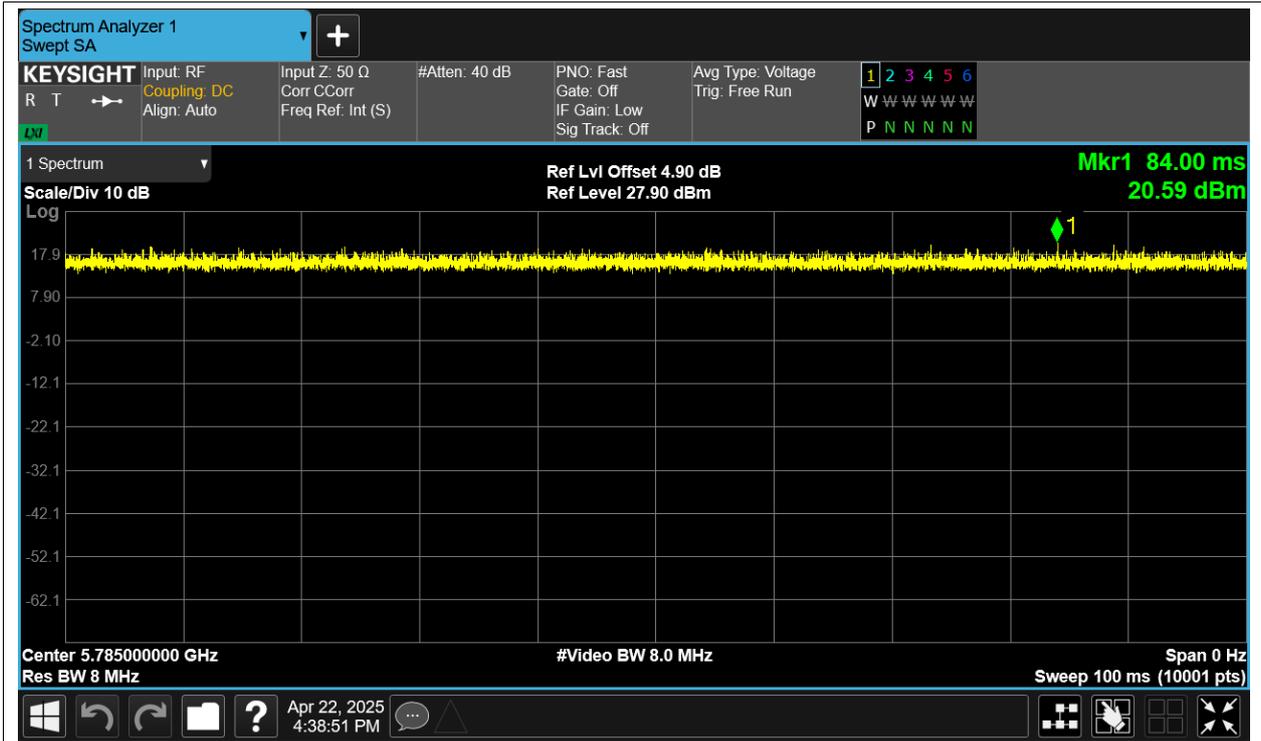
Duty Cycle NVNT ac80 5775MHz Ant3



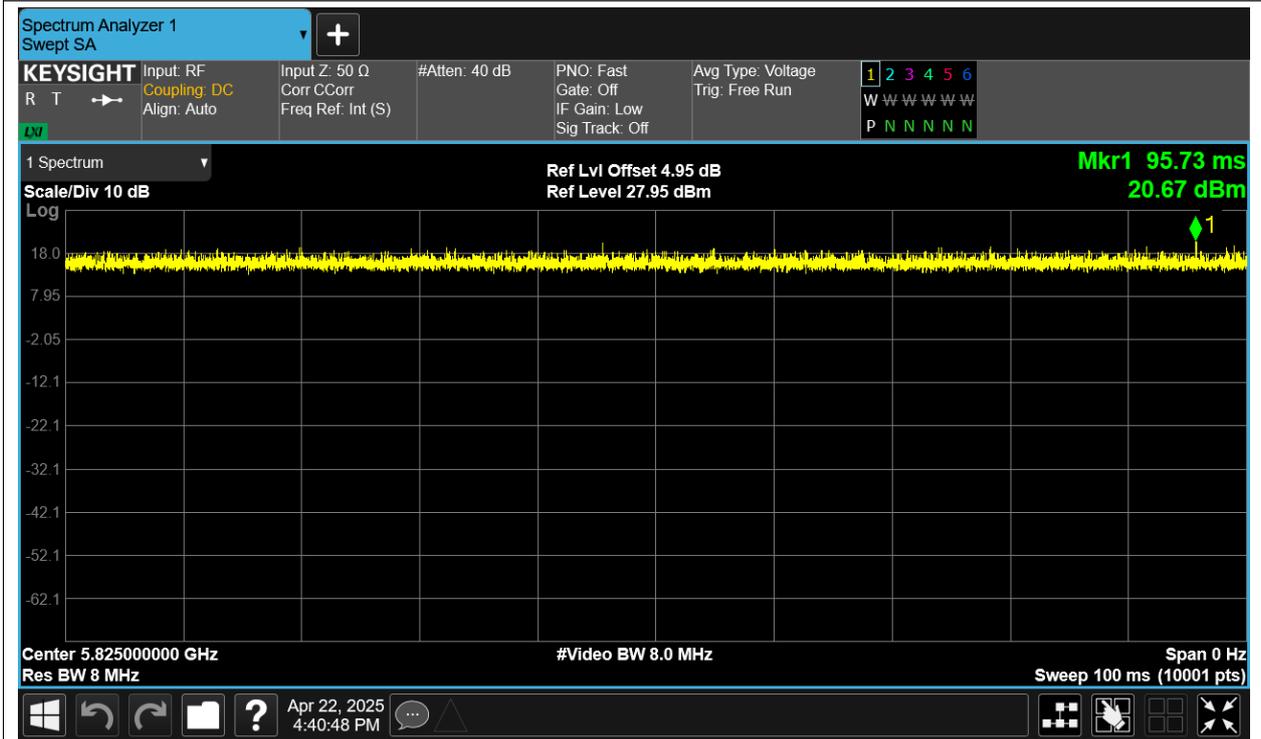
Duty Cycle NVNT n20 5745MHz Ant3



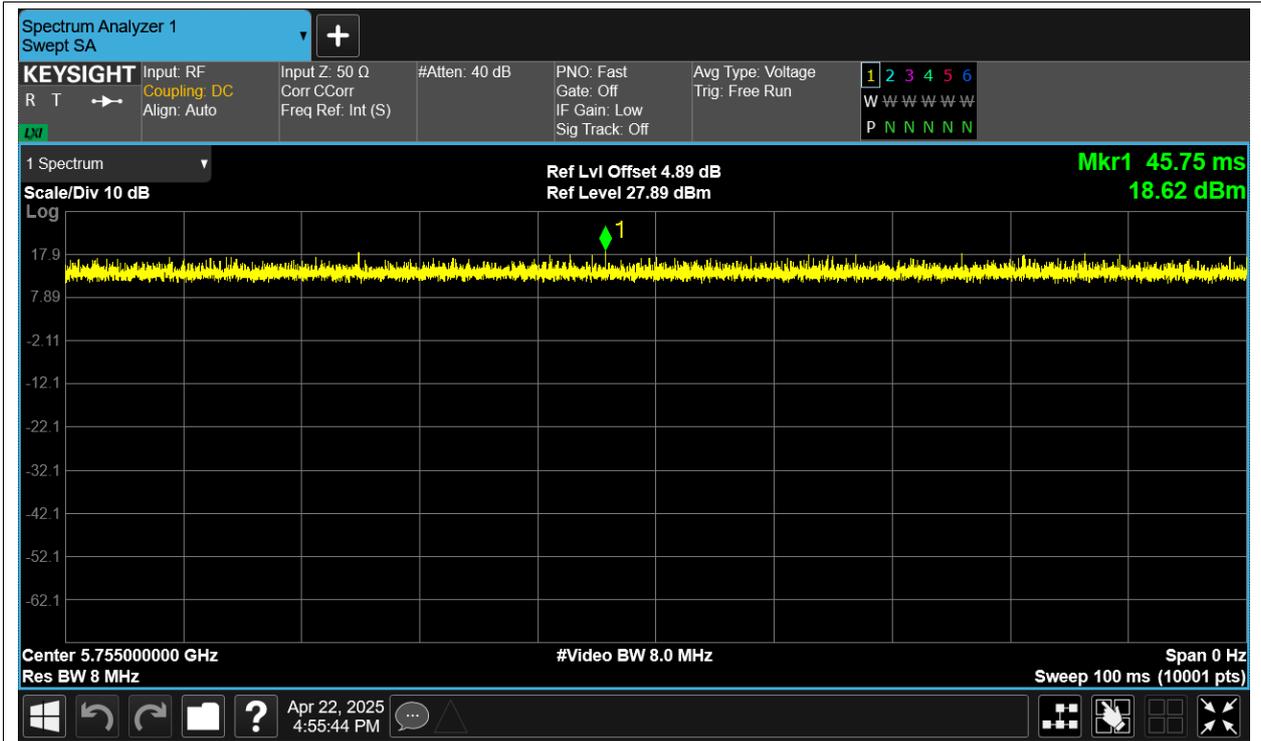
Duty Cycle NVNT n20 5785MHz Ant3



Duty Cycle NVNT n20 5825MHz Ant3



Duty Cycle NVNT n40 5755MHz Ant3



Duty Cycle NVNT n40 5795MHz Ant3



Maximum Conducted Output Power

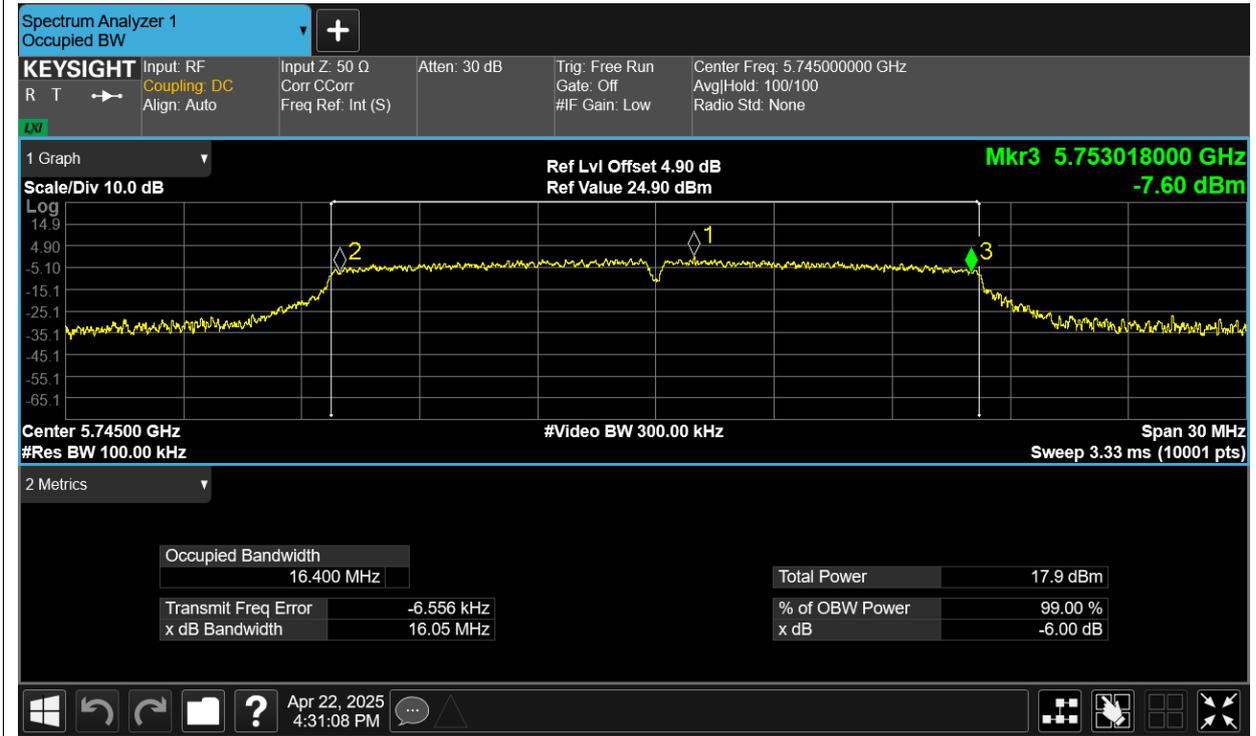
Condition	Mode	Frequency (MHz)	Antenna	Conducted Power (dBm)	Duty Factor (dB)	Total Power (dBm)	Limit (dBm)	Verdict
NVNT	a	5745	Ant3	12.25	0	12.25	30	Pass
NVNT	a	5785	Ant3	12.56	0	12.56	30	Pass
NVNT	a	5825	Ant3	12.61	0	12.61	30	Pass
NVNT	ac20	5745	Ant3	11.29	0	11.29	30	Pass
NVNT	ac20	5785	Ant3	11.51	0	11.51	30	Pass
NVNT	ac20	5825	Ant3	11.65	0	11.65	30	Pass
NVNT	ac40	5755	Ant3	11.21	0	11.21	30	Pass
NVNT	ac40	5795	Ant3	12.51	0	12.51	30	Pass
NVNT	ac80	5775	Ant3	11.4	0	11.4	30	Pass
NVNT	n20	5745	Ant3	11.06	0	11.06	30	Pass
NVNT	n20	5785	Ant3	11.77	0	11.77	30	Pass
NVNT	n20	5825	Ant3	11.47	0	11.47	30	Pass
NVNT	n40	5755	Ant3	11.76	0	11.76	30	Pass
NVNT	n40	5795	Ant3	12.11	0	12.11	30	Pass

-6dB Bandwidth

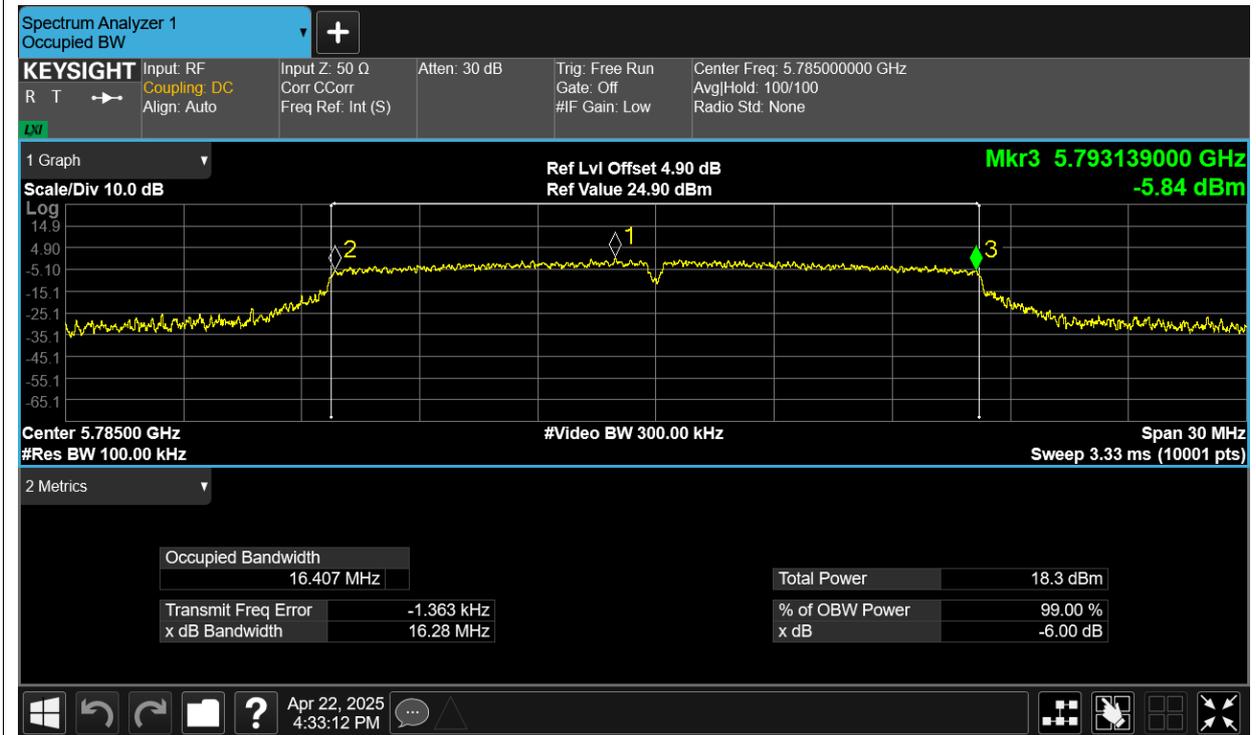
Condition	Mode	Frequency (MHz)	Antenna	-6 dB Bandwidth (MHz)	limit	Verdic
NVNT	a	5745	Ant3	16.05	0.5	Pass
NVNT	a	5785	Ant3	16.28	0.5	Pass
NVNT	a	5825	Ant3	16.331	0.5	Pass
NVNT	ac20	5745	Ant3	17.589	0.5	Pass
NVNT	ac20	5785	Ant3	17.283	0.5	Pass
NVNT	ac20	5825	Ant3	17.58	0.5	Pass
NVNT	ac40	5755	Ant3	36.315	0.5	Pass
NVNT	ac40	5795	Ant3	36.312	0.5	Pass
NVNT	ac80	5775	Ant3	76.284	0.5	Pass
NVNT	n20	5745	Ant3	17.55	0.5	Pass
NVNT	n20	5785	Ant3	17.565	0.5	Pass
NVNT	n20	5825	Ant3	17.569	0.5	Pass
NVNT	n40	5755	Ant3	36.154	0.5	Pass
NVNT	n40	5795	Ant3	36.294	0.5	Pass

Test Graphs

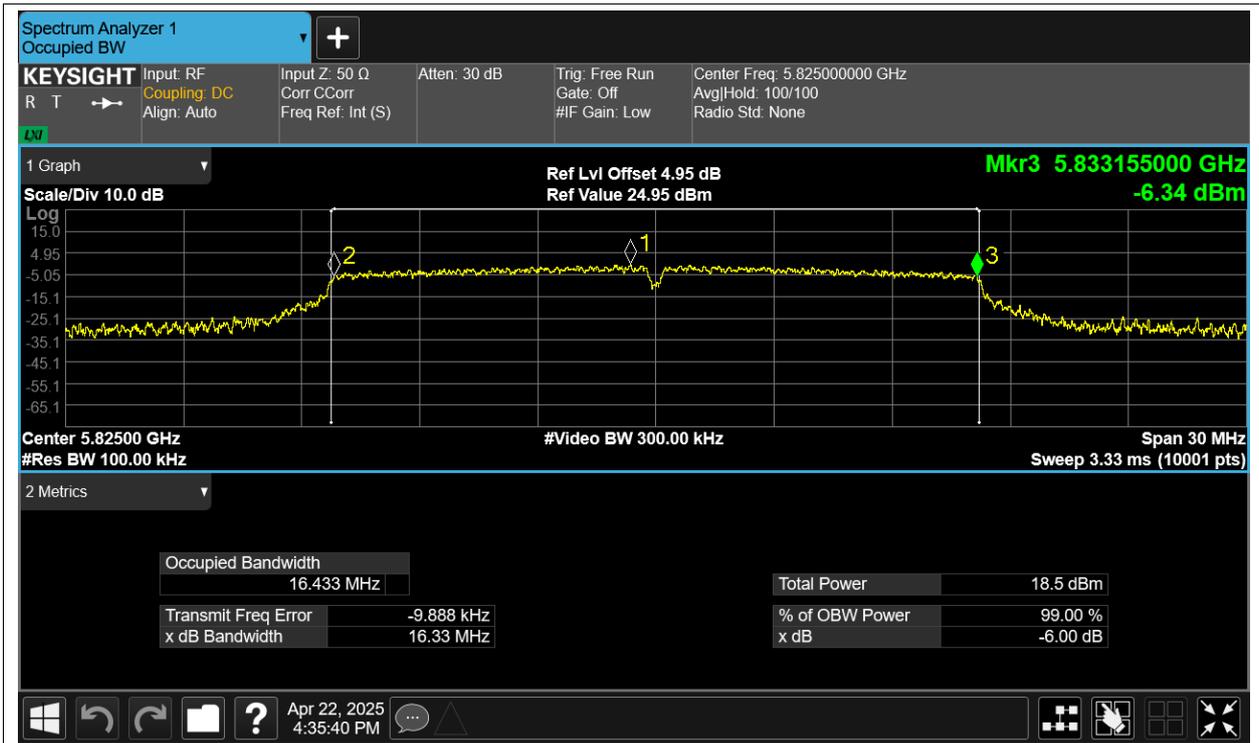
-6dB Bandwidth NVNT a 5745MHz Ant3



-6dB Bandwidth NVNT a 5785MHz Ant3



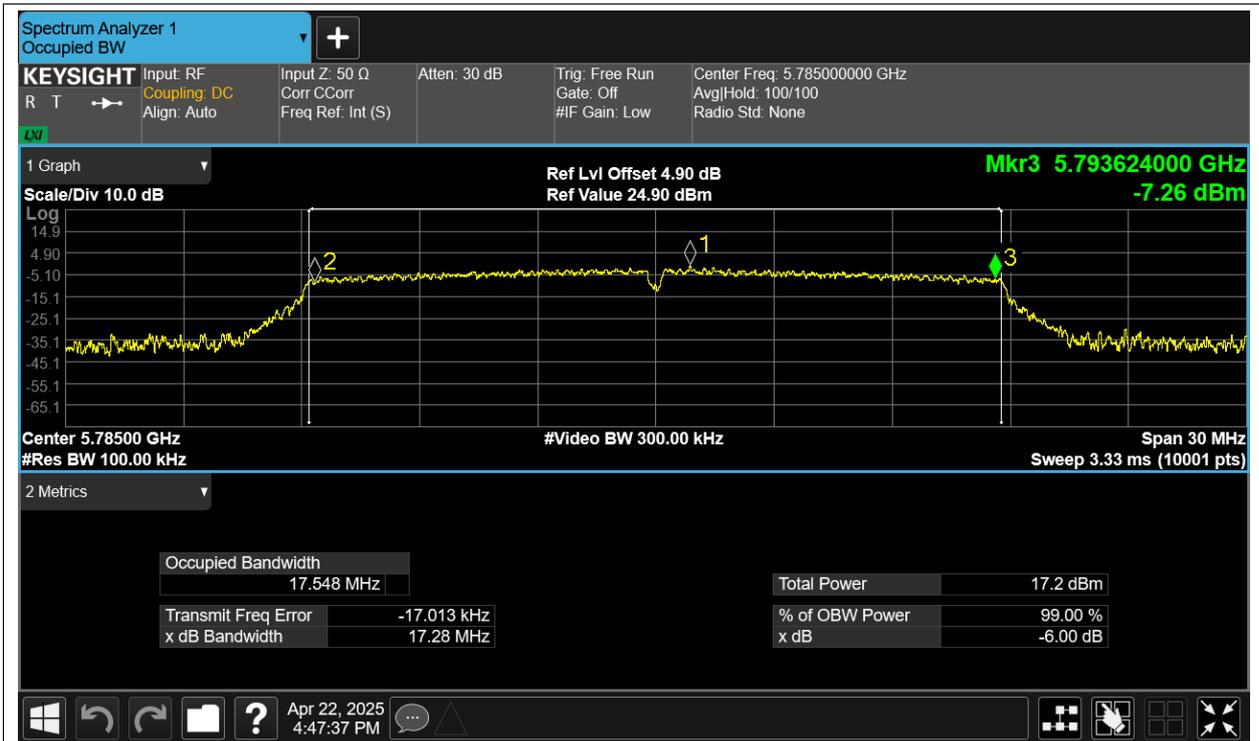
-6dB Bandwidth NVNT a 5825MHz Ant3



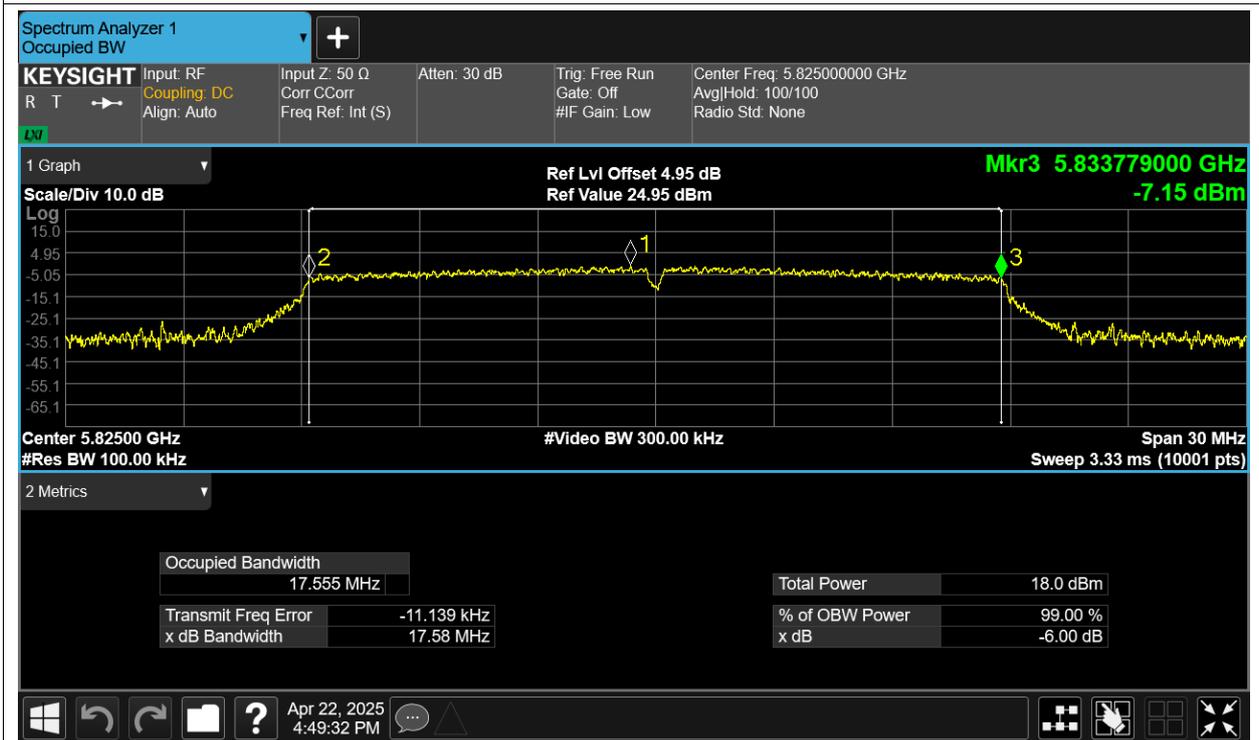
-6dB Bandwidth NVNT ac20 5745MHz Ant3



-6dB Bandwidth NVNT ac20 5785MHz Ant3



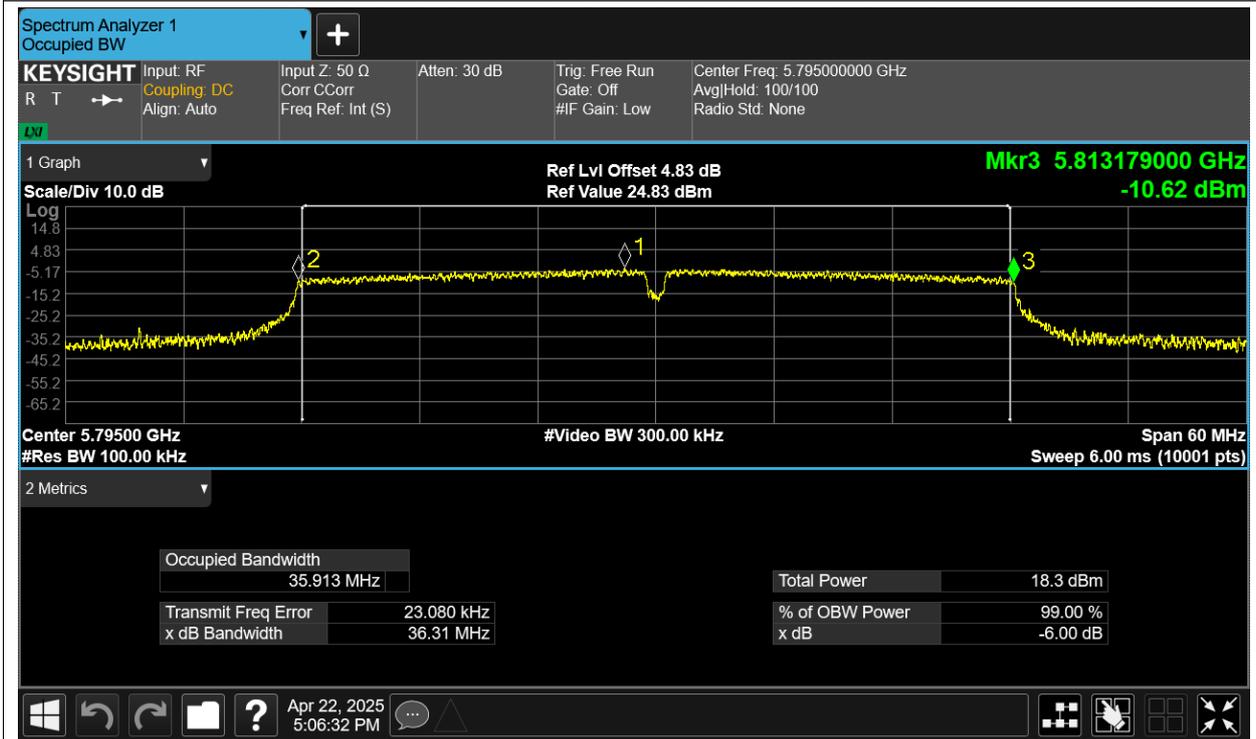
-6dB Bandwidth NVNT ac20 5825MHz Ant3



-6dB Bandwidth NVNT ac40 5755MHz Ant3



-6dB Bandwidth NVNT ac40 5795MHz Ant3



-6dB Bandwidth NVNT ac80 5775MHz Ant3



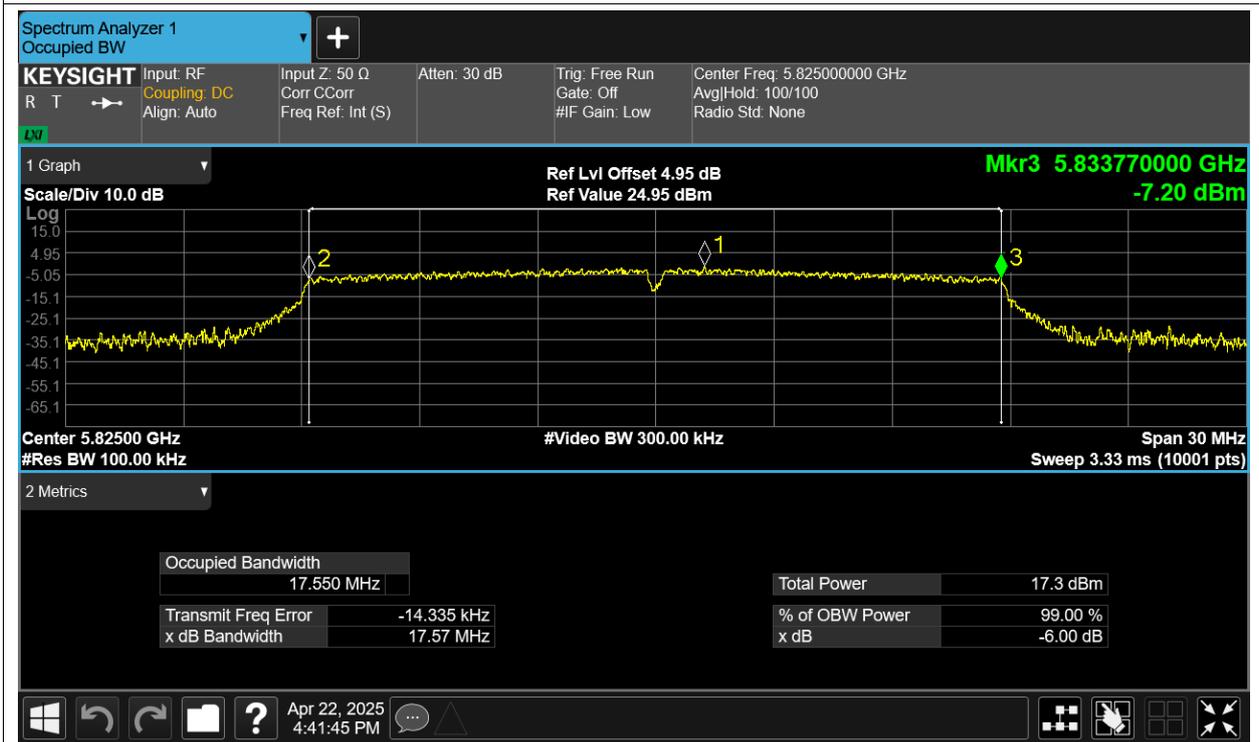
-6dB Bandwidth NVNT n20 5745MHz Ant3



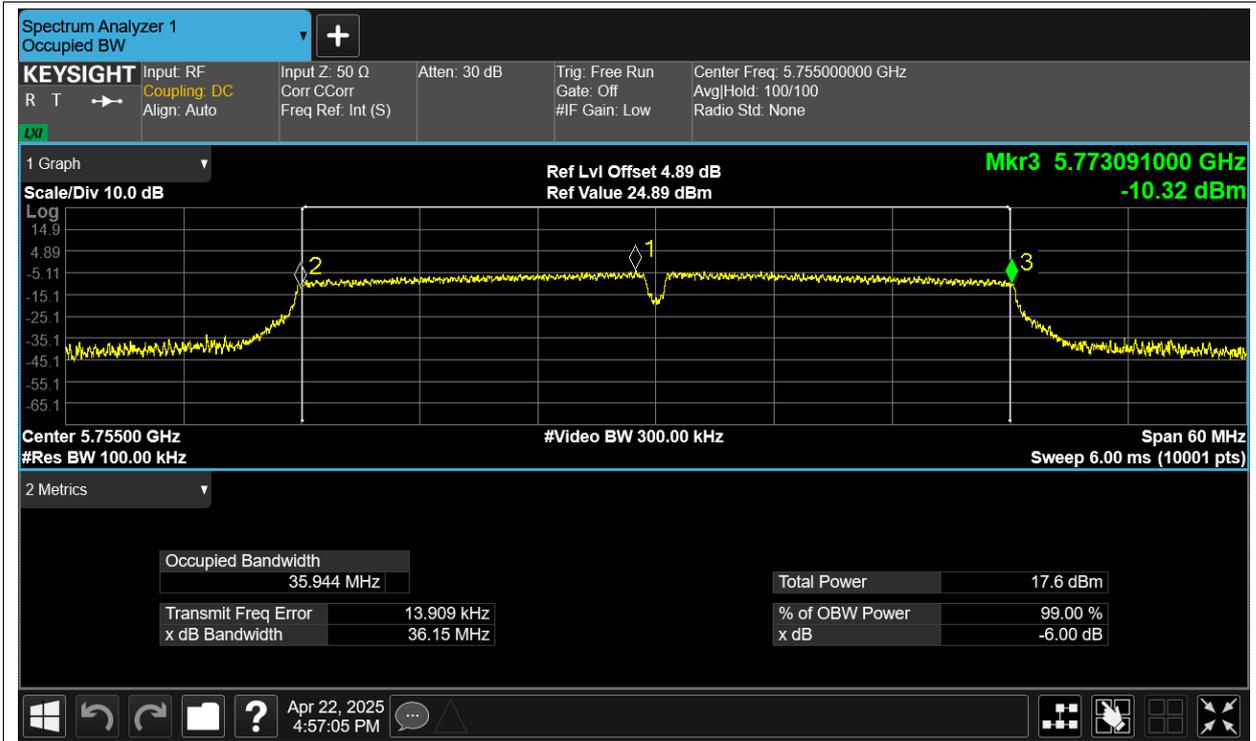
-6dB Bandwidth NVNT n20 5785MHz Ant3



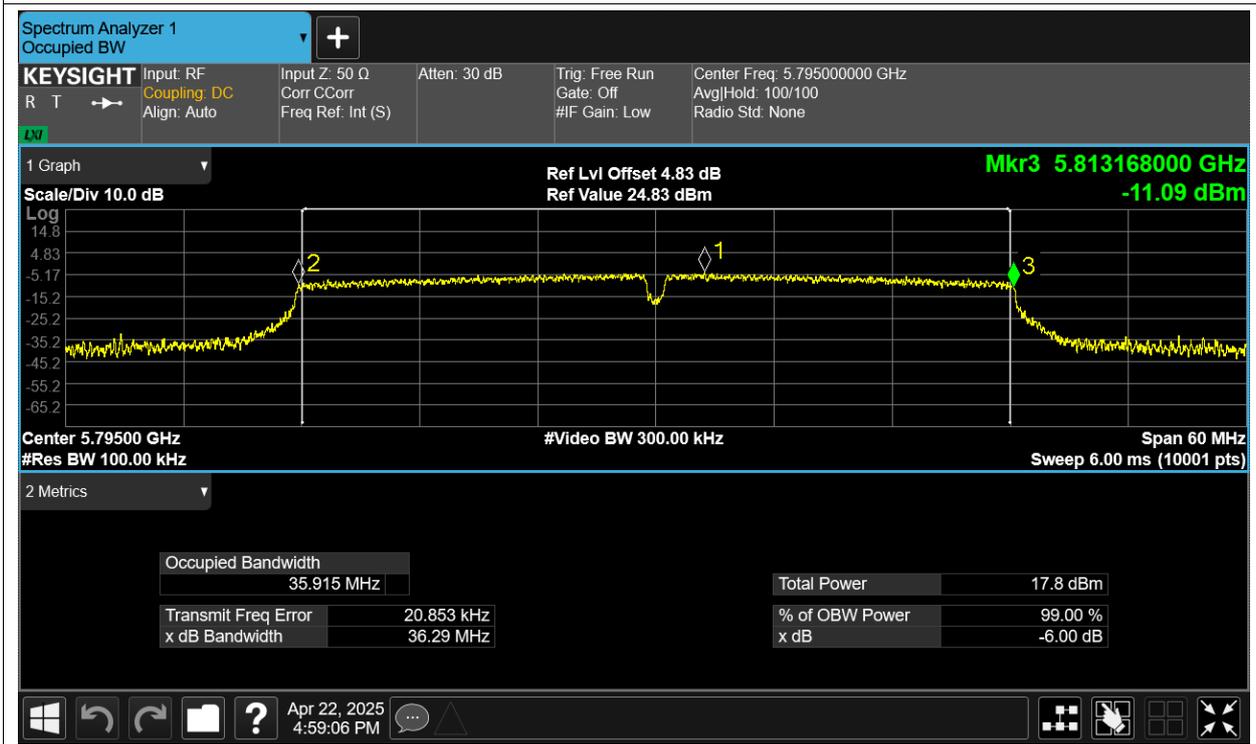
-6dB Bandwidth NVNT n20 5825MHz Ant3



-6dB Bandwidth NVNT n40 5755MHz Ant3



-6dB Bandwidth NVNT n40 5795MHz Ant3

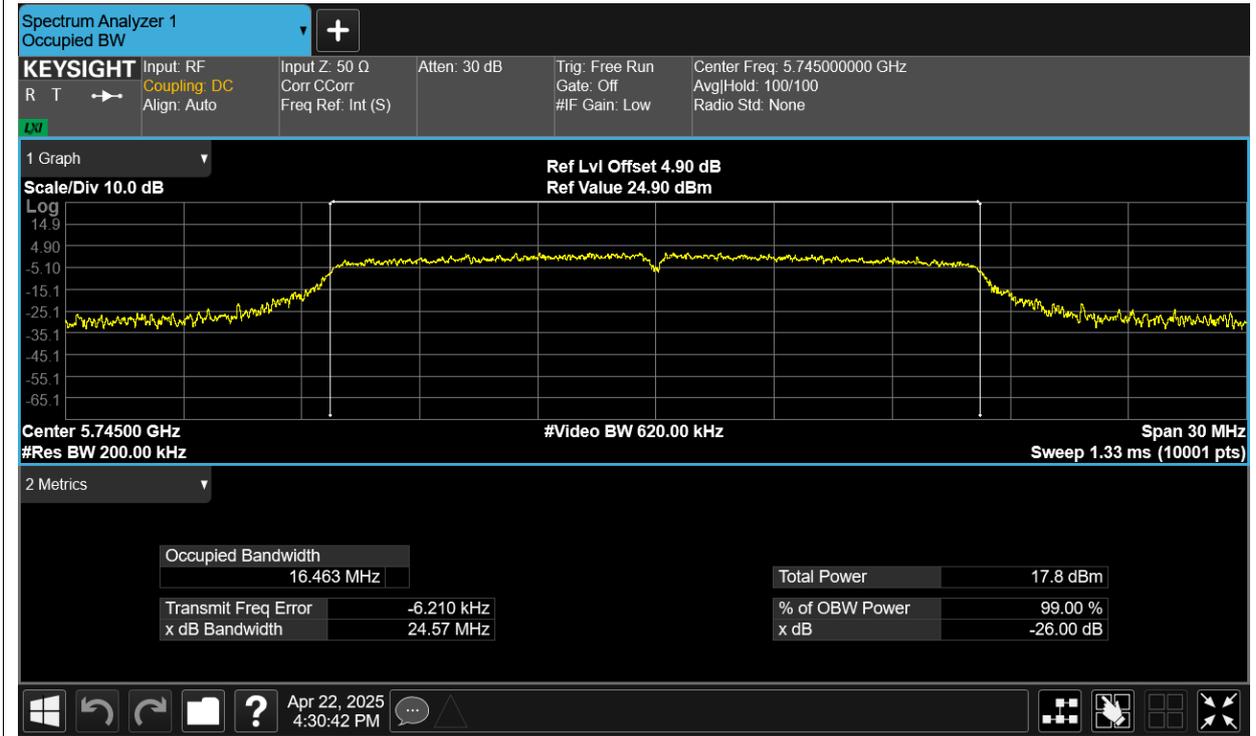


Occupied Channel Bandwidth

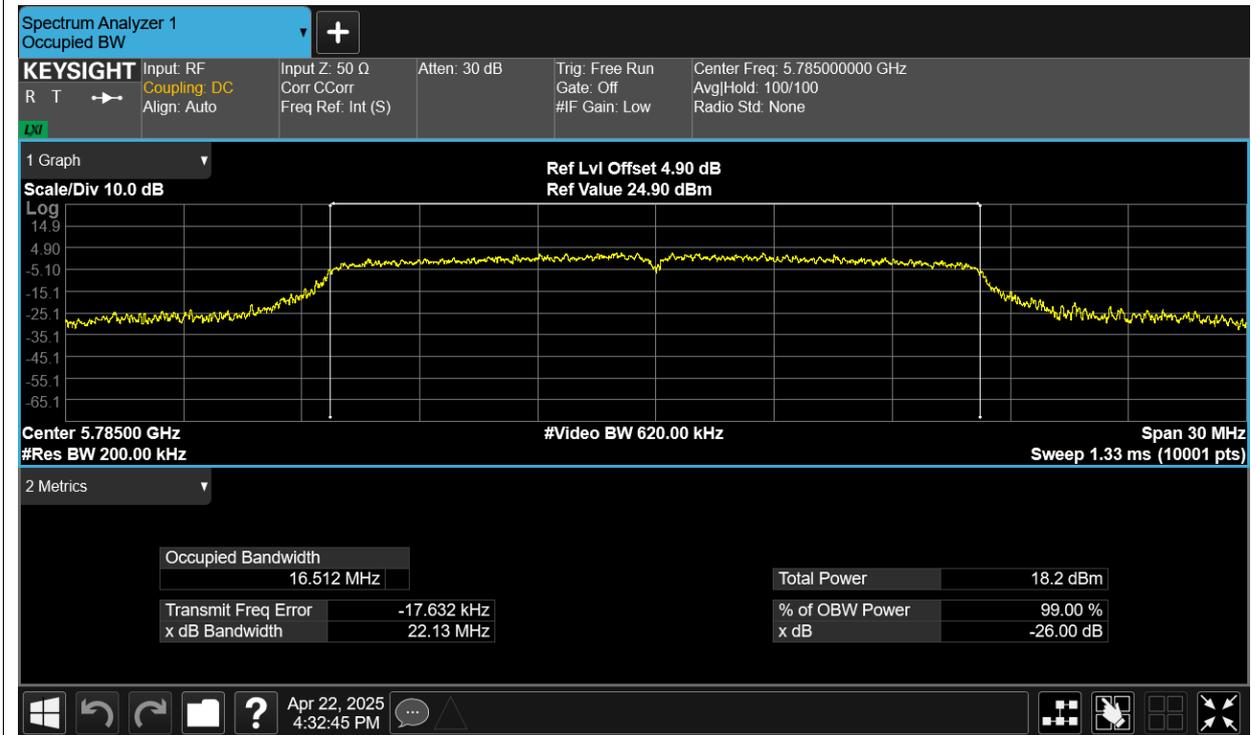
Condition	Mode	Frequency (MHz)	Antenna	99% OBW (MHz)
NVNT	a	5745	Ant3	16.463
NVNT	a	5785	Ant3	16.512
NVNT	a	5825	Ant3	16.537
NVNT	ac20	5745	Ant3	17.573
NVNT	ac20	5785	Ant3	17.572
NVNT	ac20	5825	Ant3	17.607
NVNT	ac40	5755	Ant3	36.058
NVNT	ac40	5795	Ant3	35.961
NVNT	ac80	5775	Ant3	75.276
NVNT	n20	5745	Ant3	17.558
NVNT	n20	5785	Ant3	17.581
NVNT	n20	5825	Ant3	17.595
NVNT	n40	5755	Ant3	36.051
NVNT	n40	5795	Ant3	36.031

Test Graphs

OBW NVNT a 5745MHz Ant3



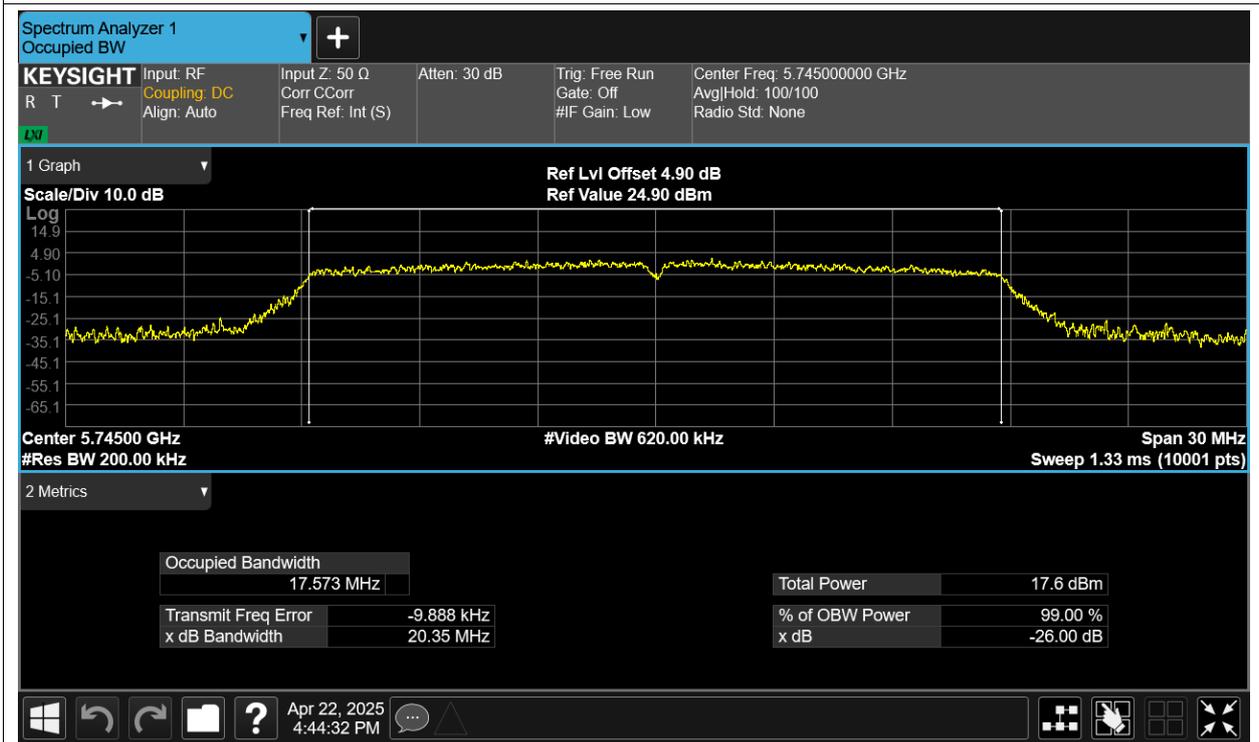
OBW NVNT a 5785MHz Ant3



OBW NVNT a 5825MHz Ant3



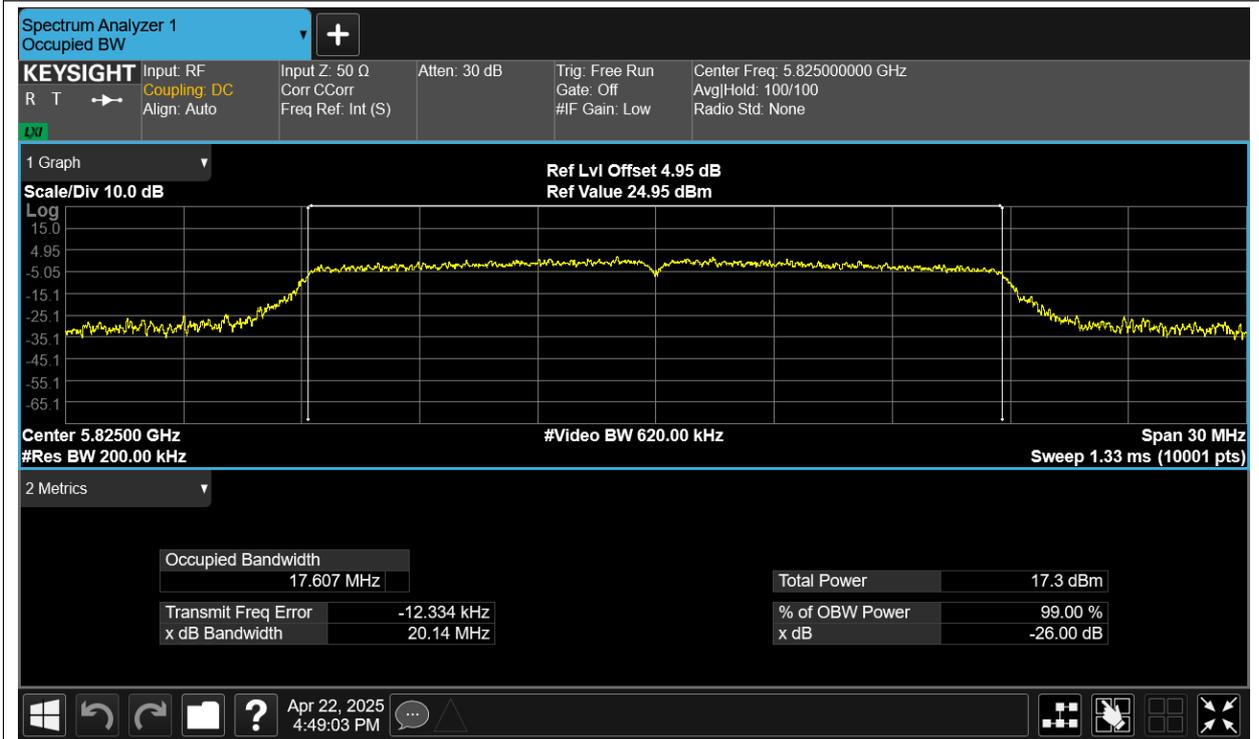
OBW NVNT ac20 5745MHz Ant3



OBW NVNT ac20 5785MHz Ant3



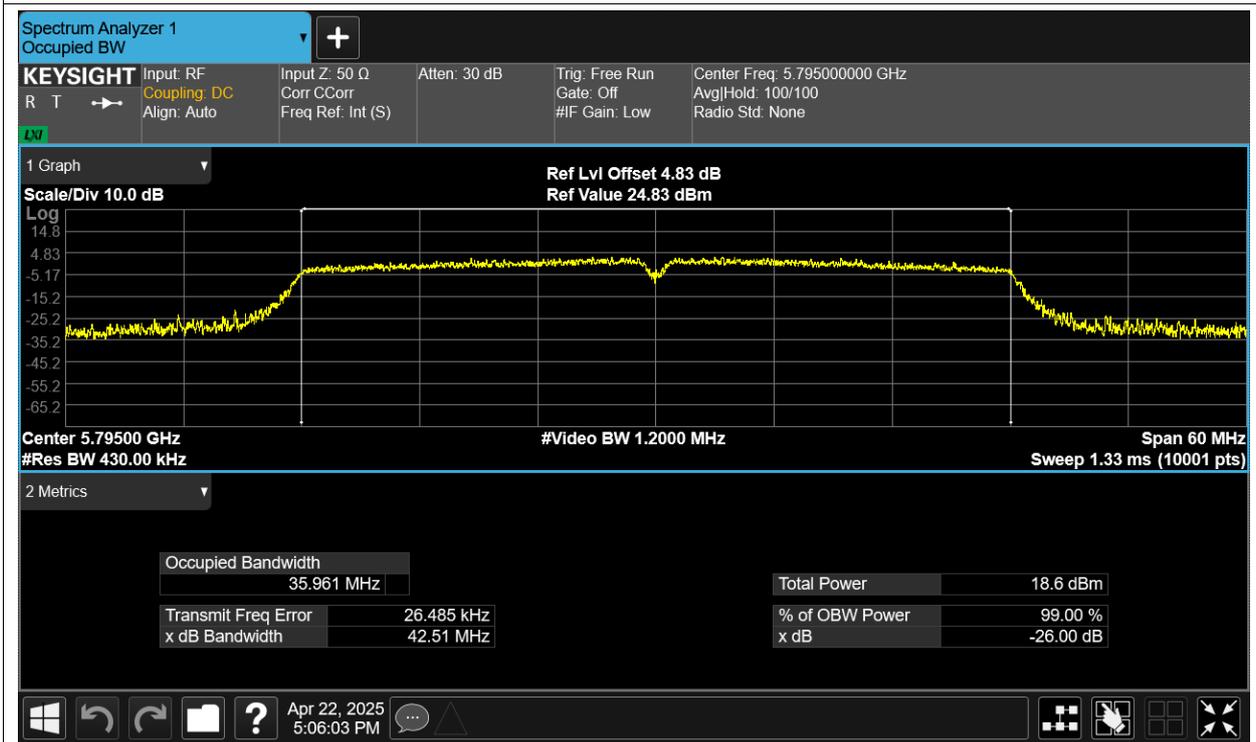
OBW NVNT ac20 5825MHz Ant3



OBW NVNT ac40 5755MHz Ant3



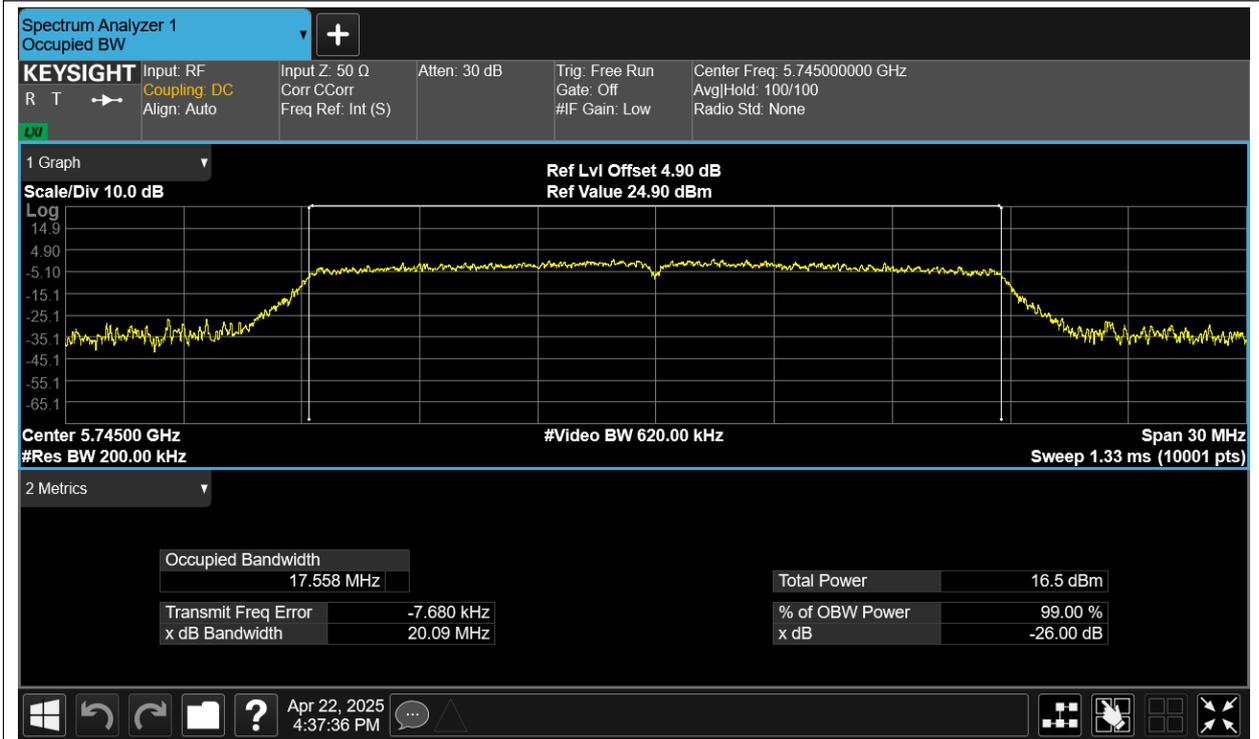
OBW NVNT ac40 5795MHz Ant3



OBW NVNT ac80 5775MHz Ant3



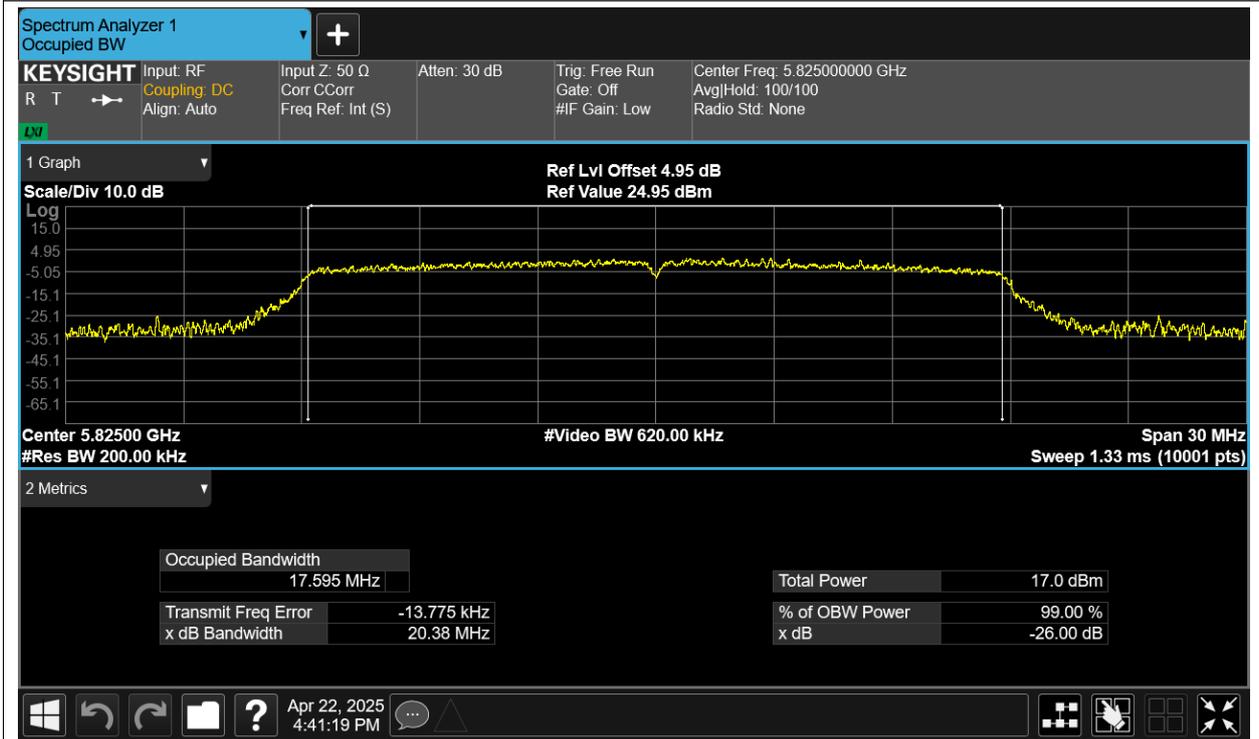
OBW NVNT n20 5745MHz Ant3



OBW NVNT n20 5785MHz Ant3



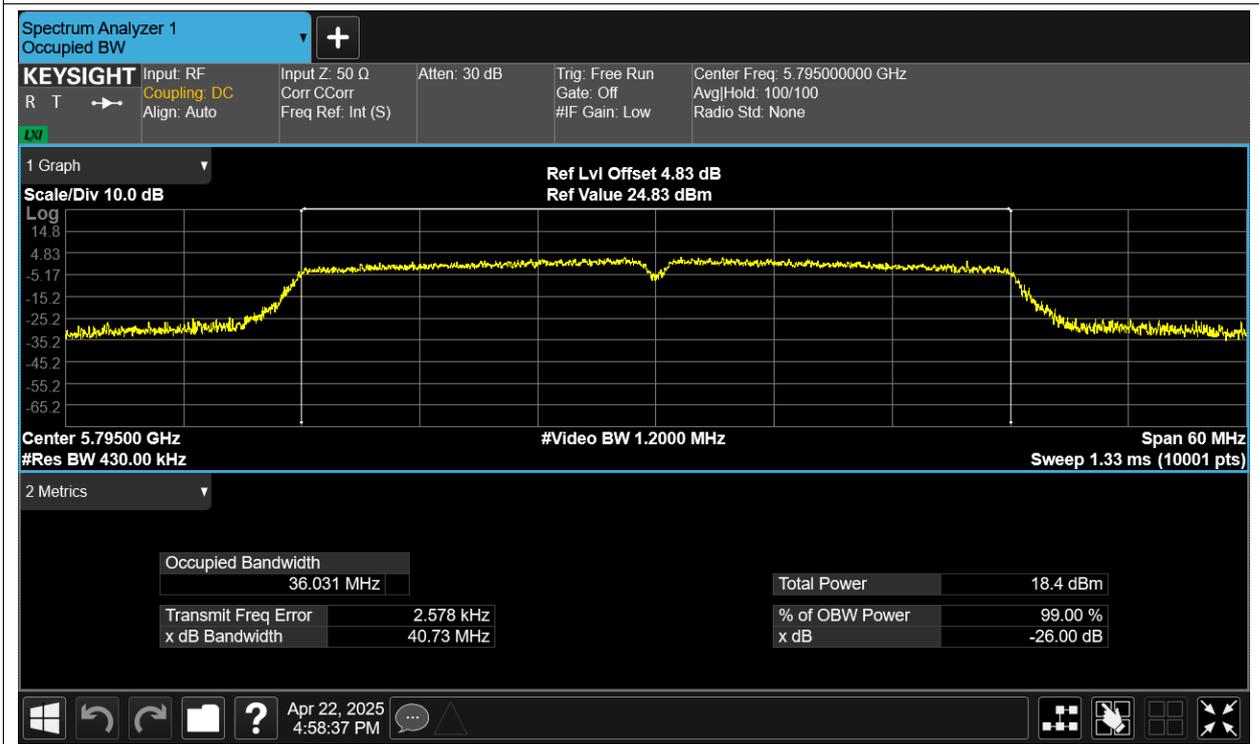
OBW NVNT n20 5825MHz Ant3



OBW NVNT n40 5755MHz Ant3



OBW NVNT n40 5795MHz Ant3



Maximum Power Spectral Density Level

Condition	Mode	Frequency (MHz)	Antenna	Max PSD (dBm)	Limit (dBm)	Verdict
NVNT	a	5745	Ant3	-0.636	30	Pass
NVNT	a	5785	Ant3	-0.341	30	Pass
NVNT	a	5825	Ant3	-0.19	30	Pass
NVNT	ac20	5745	Ant3	-1.713	30	Pass
NVNT	ac20	5785	Ant3	-1.814	30	Pass
NVNT	ac20	5825	Ant3	-1.081	30	Pass
NVNT	ac40	5755	Ant3	-3.715	30	Pass
NVNT	ac40	5795	Ant3	-3.16	30	Pass
NVNT	ac80	5775	Ant3	-6.94	30	Pass
NVNT	n20	5745	Ant3	-2.266	30	Pass
NVNT	n20	5785	Ant3	-1.203	30	Pass
NVNT	n20	5825	Ant3	-1.577	30	Pass
NVNT	n40	5755	Ant3	-3.813	30	Pass
NVNT	n40	5795	Ant3	-3.581	30	Pass

Test Graphs

PSD NVNT a 5745MHz Ant3



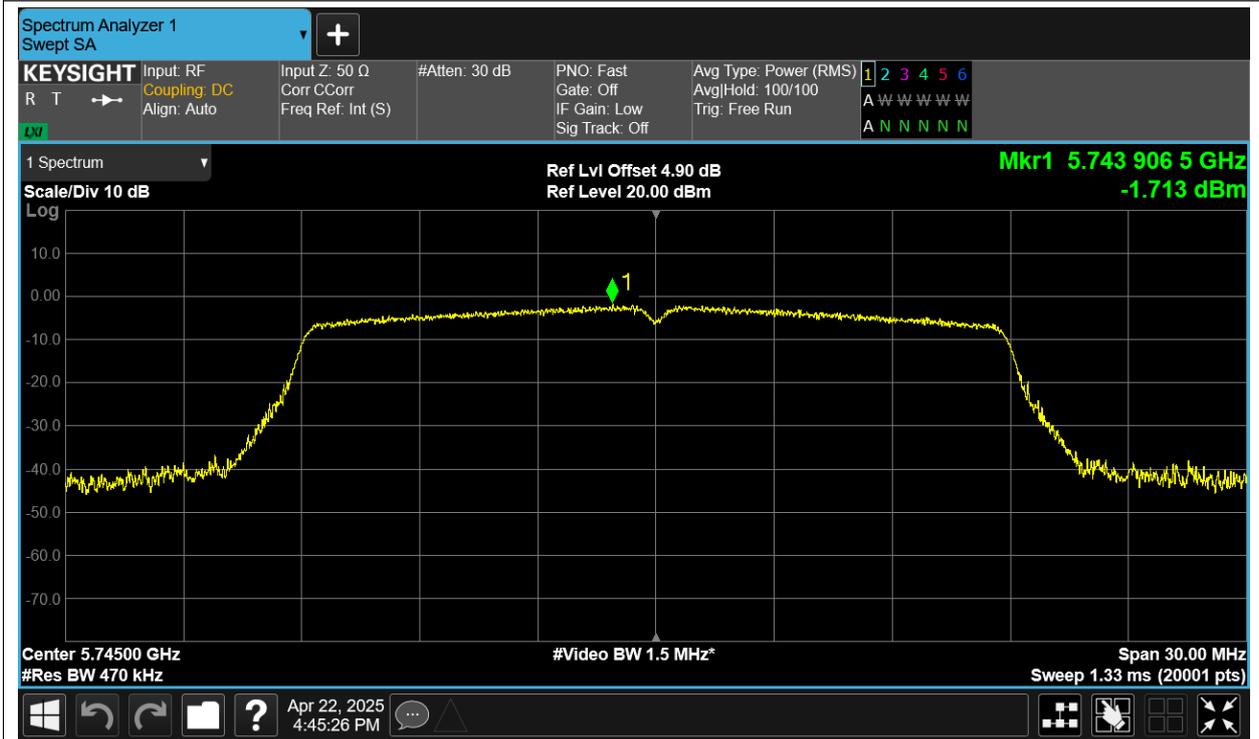
PSD NVNT a 5785MHz Ant3



PSD NVNT a 5825MHz Ant3



PSD NVNT ac20 5745MHz Ant3



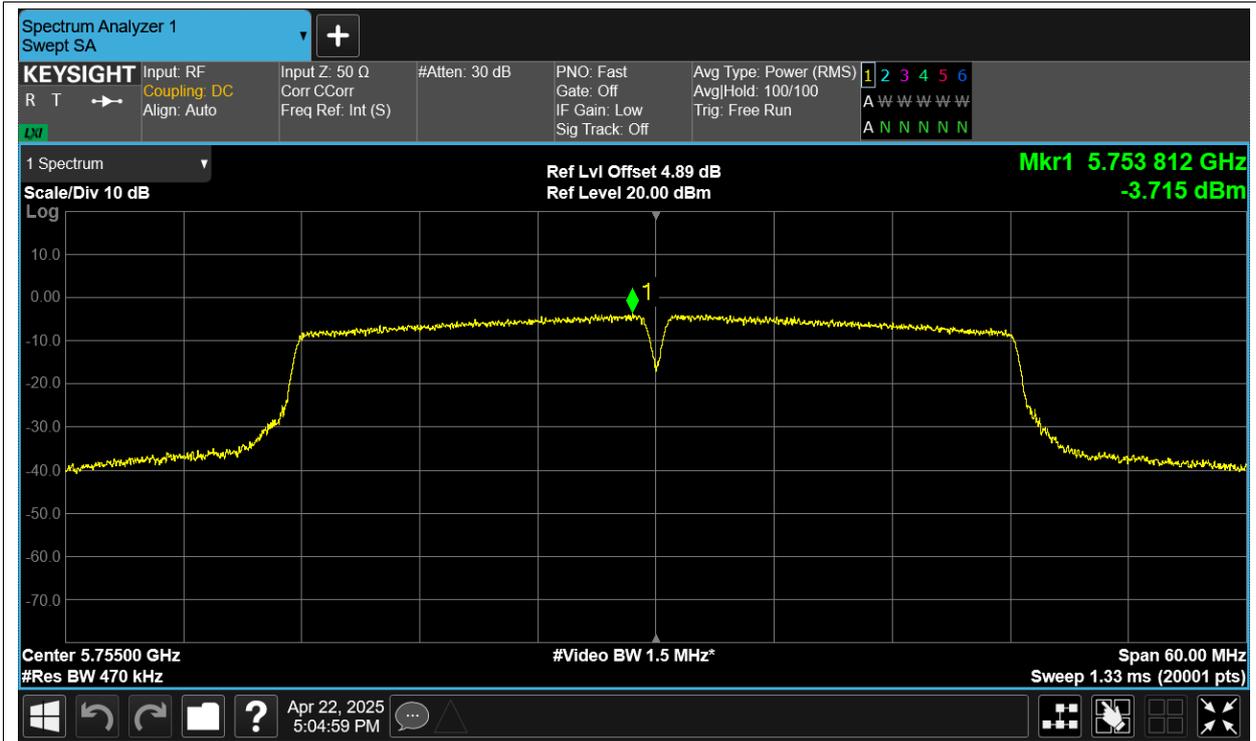
PSD NVNT ac20 5785MHz Ant3



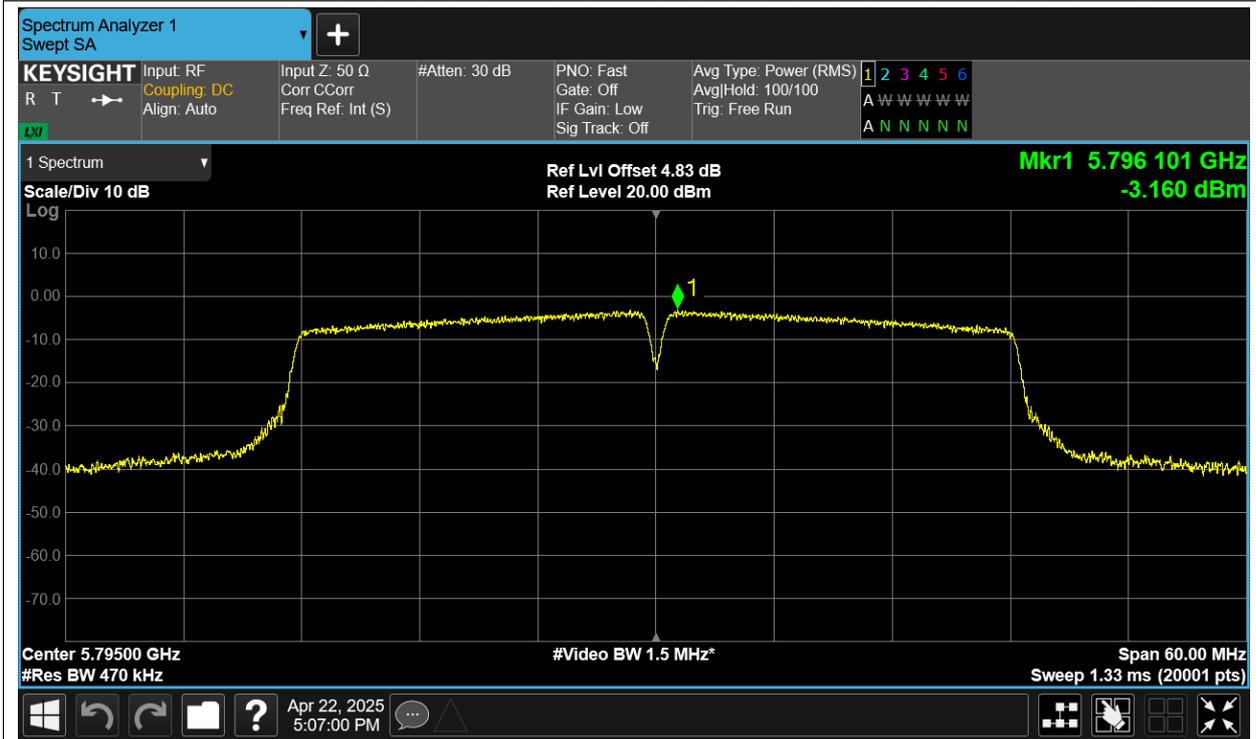
PSD NVNT ac20 5825MHz Ant3



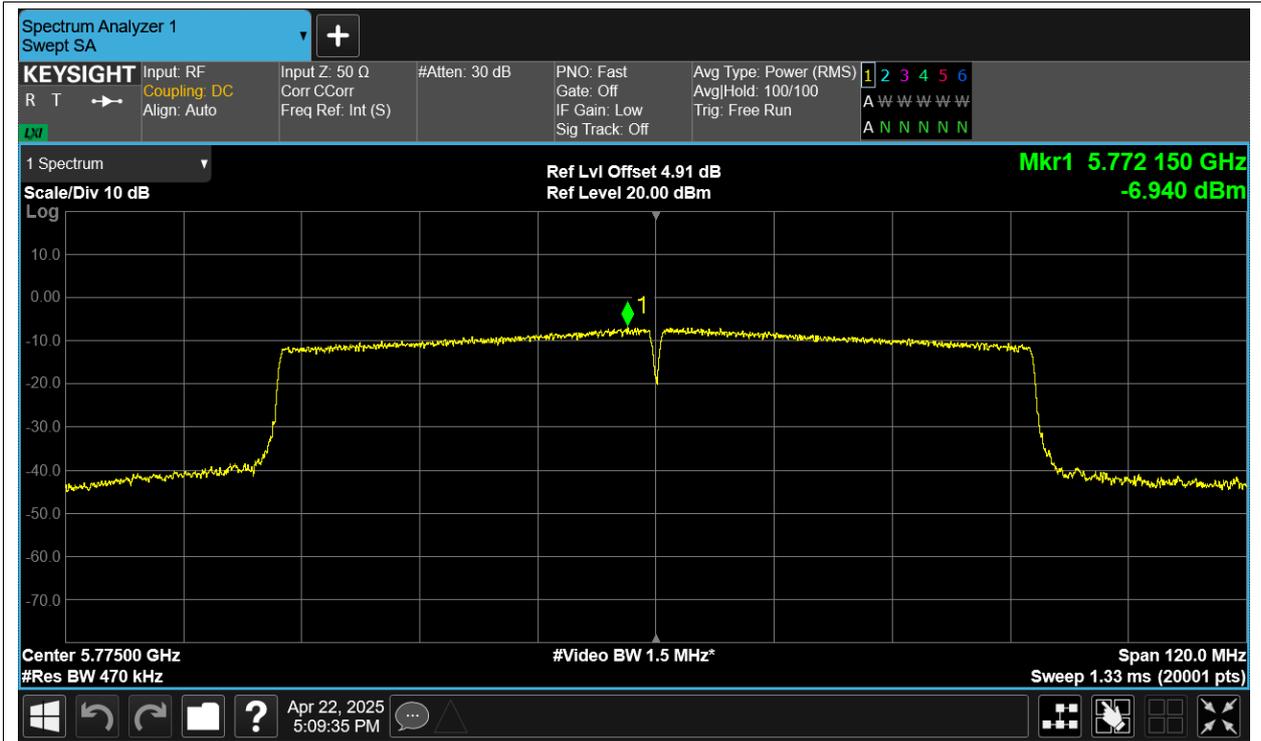
PSD NVNT ac40 5755MHz Ant3



PSD NVNT ac40 5795MHz Ant3



PSD NVNT ac80 5775MHz Ant3



PSD NVNT n20 5745MHz Ant3



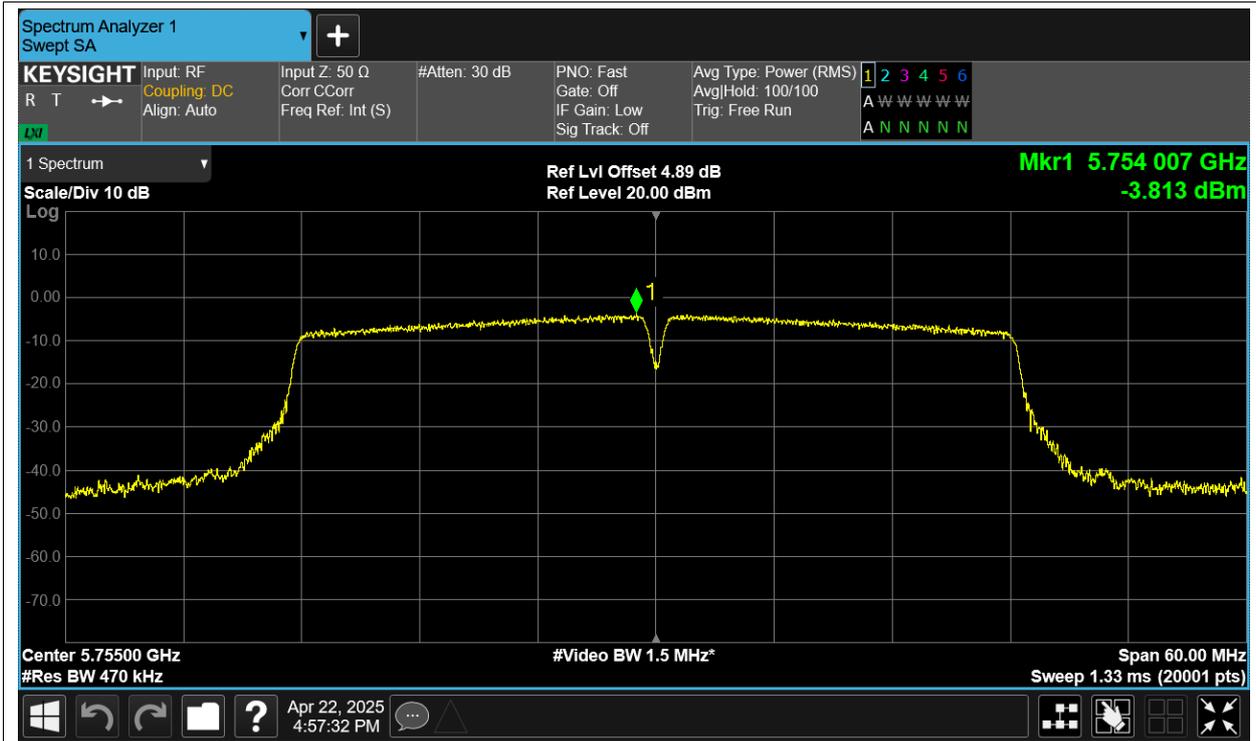
PSD NVNT n20 5785MHz Ant3



PSD NVNT n20 5825MHz Ant3



PSD NVNT n40 5755MHz Ant3



PSD NVNT n40 5795MHz Ant3

