

Test Data

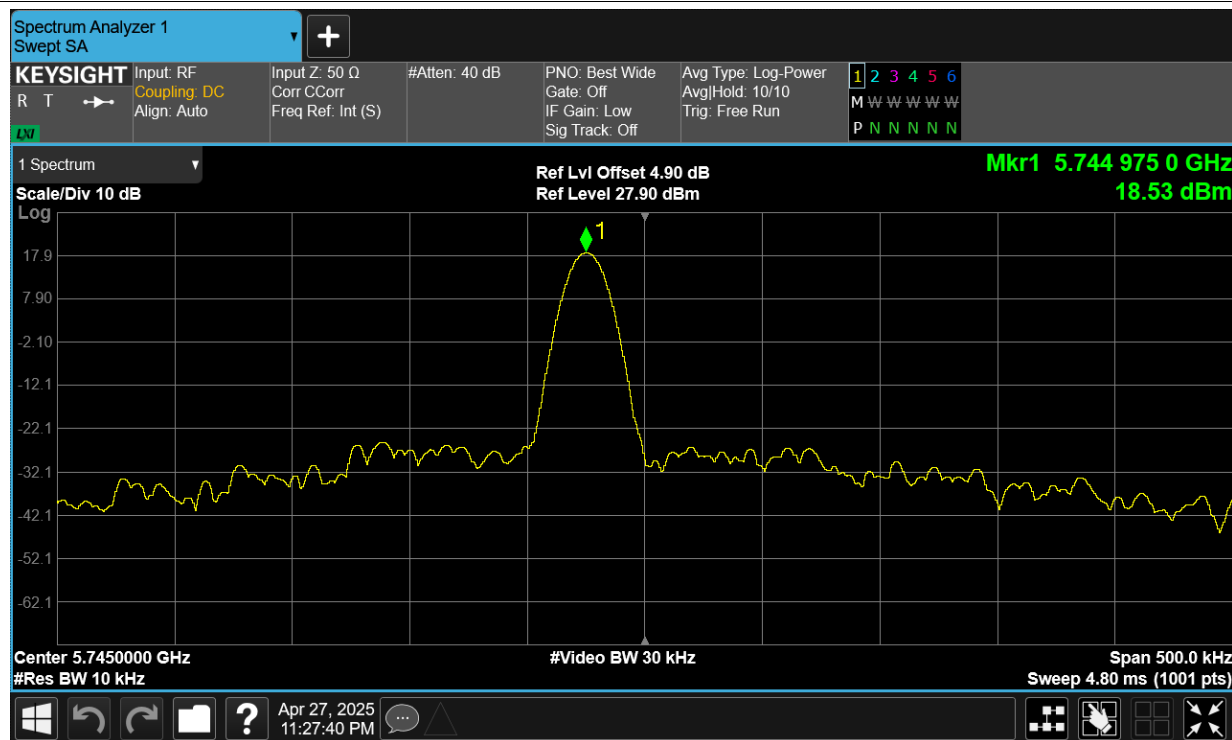
Frequency Stability

Condition	Mode	Frequency (MHz)	Antenna	Measured Frequency (MHz)	Deviation (ppm)	Limit (ppm)	Verdict
HVNT	a	5745	Ant14	5744.975	-4.35	Within authorized band	Pass
LVNT	a	5745	Ant14	5744.975	-4.35		Pass
NVHT	a	5745	Ant14	5744.9755	-4.26		Pass
NVLT	a	5745	Ant14	5744.9755	-4.26		Pass
NVNT	a	5745	Ant14	5744.976	-4.18		Pass
HVNT	ac80	5775	Ant14	5774.975	-4.33		Pass
LVNT	ac80	5775	Ant14	5774.975	-4.33		Pass
NVHT	ac80	5775	Ant14	5774.975	-4.33		Pass
NVLT	ac80	5775	Ant14	5774.975	-4.33		Pass
NVNT	ac80	5775	Ant14	5774.975	-4.33		Pass
HVNT	n40	5755	Ant14	5754.975	-4.34		Pass
LVNT	n40	5755	Ant14	5754.975	-4.34		Pass
NVHT	n40	5755	Ant14	5754.975	-4.34		Pass
NVLT	n40	5755	Ant14	5754.9755	-4.26		Pass
NVNT	n40	5755	Ant14	5754.9755	-4.26		Pass

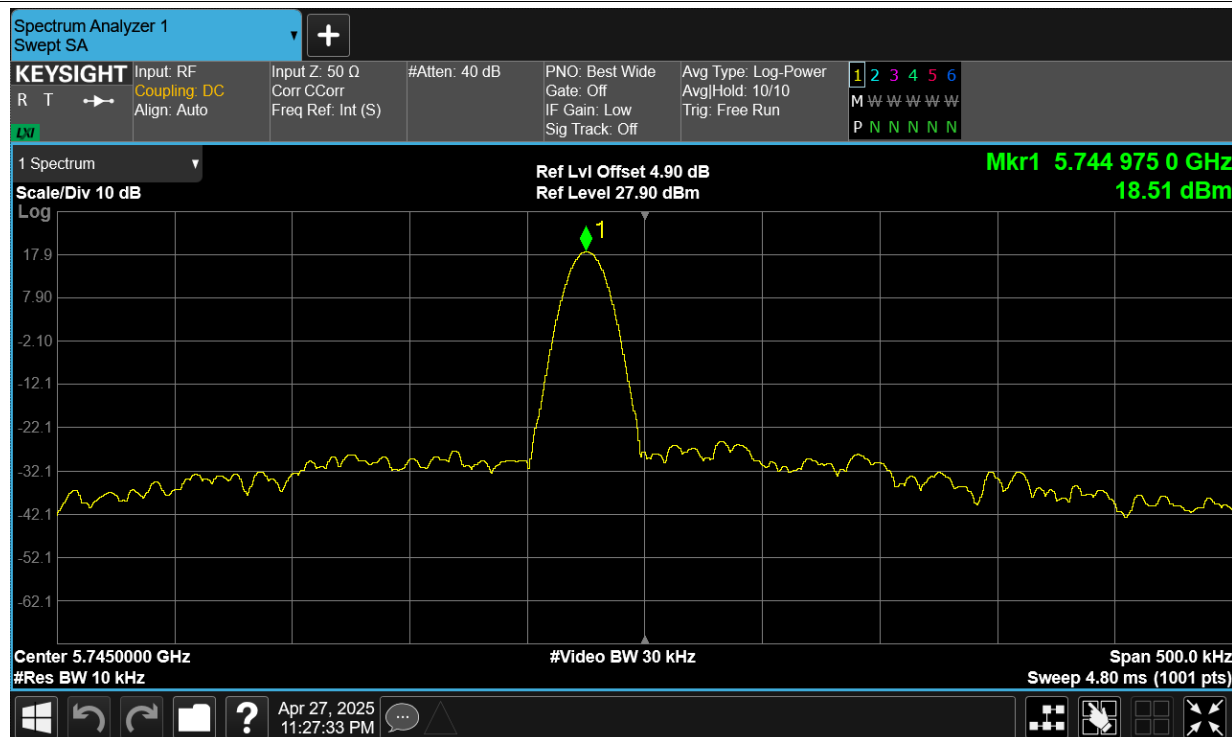
Remark: "NTNV" means Normal Temperature Normal Voltage, "NVHT" means Normal Voltage High Temperature, "NVLT" means Normal Voltage Low. Temperature, "LVNT" means Low Voltage Normal Temperature, "HVNT" means High Voltage Normal Temperature.

Test Graphs

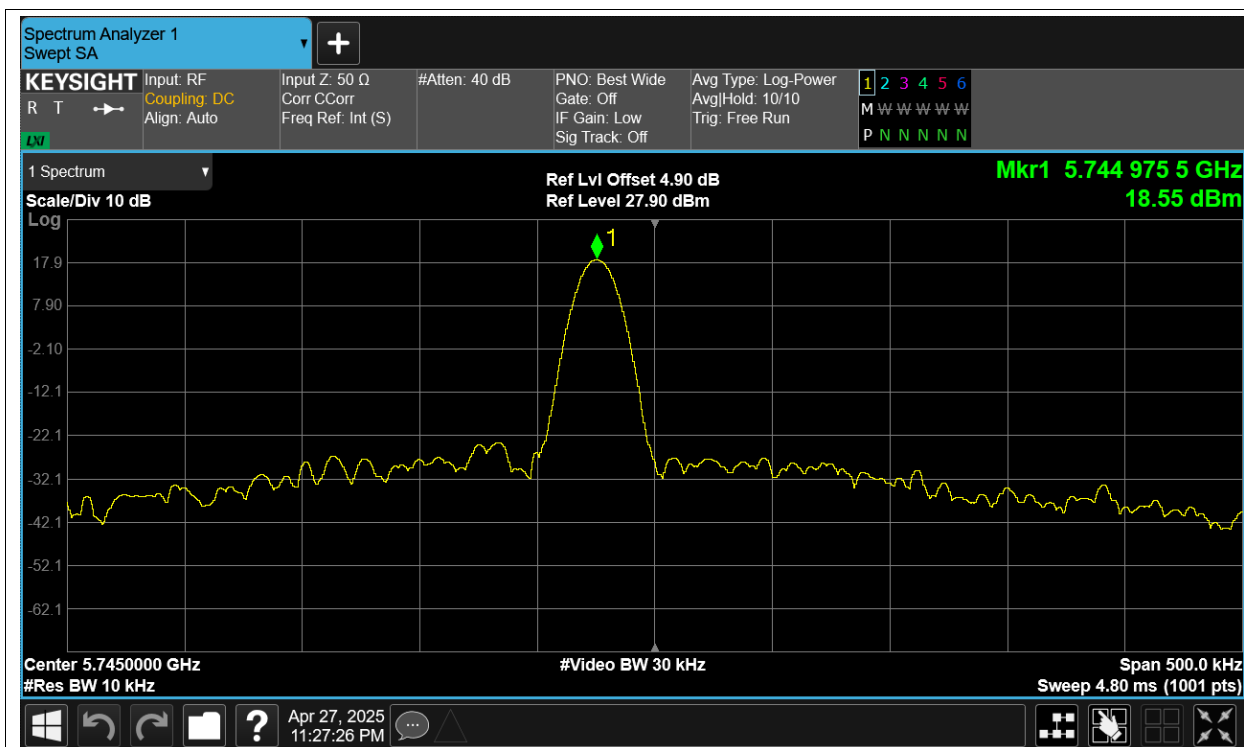
Freq. Stability HVNT a 5745MHz Ant14



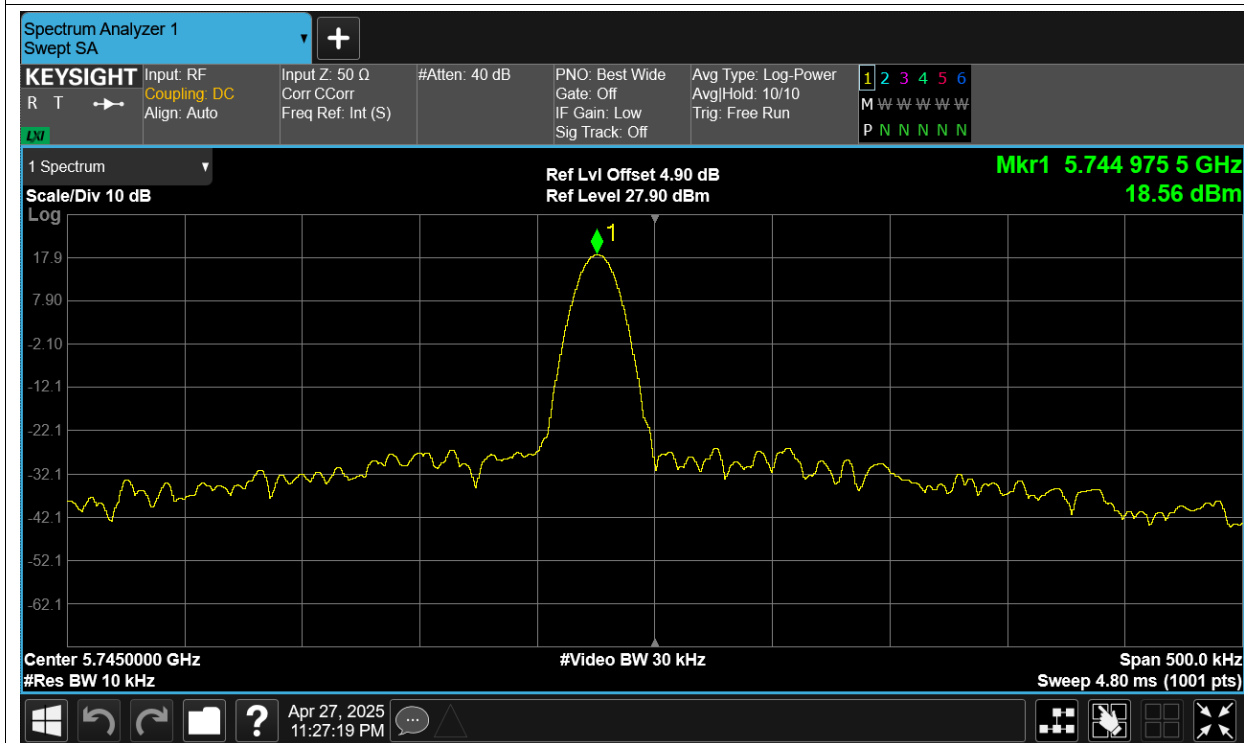
Freq. Stability LVNT a 5745MHz Ant14



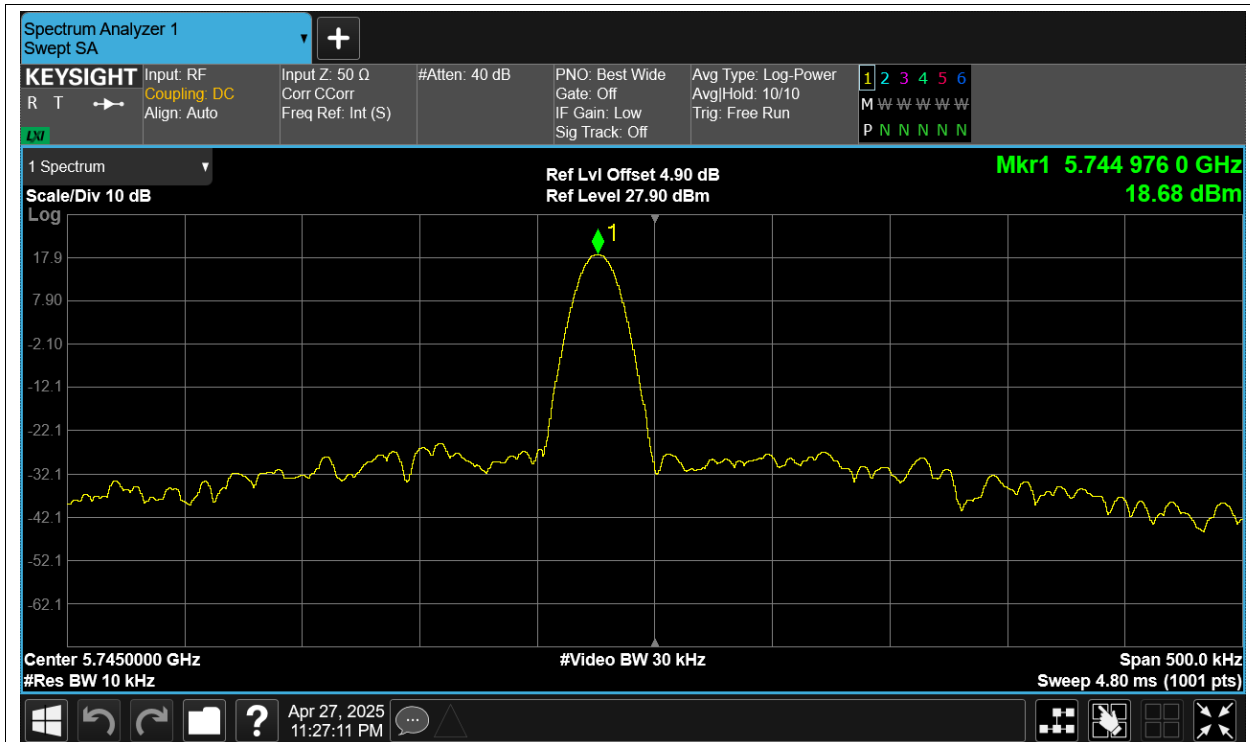
Freq. Stability NVHT a 5745MHz Ant14



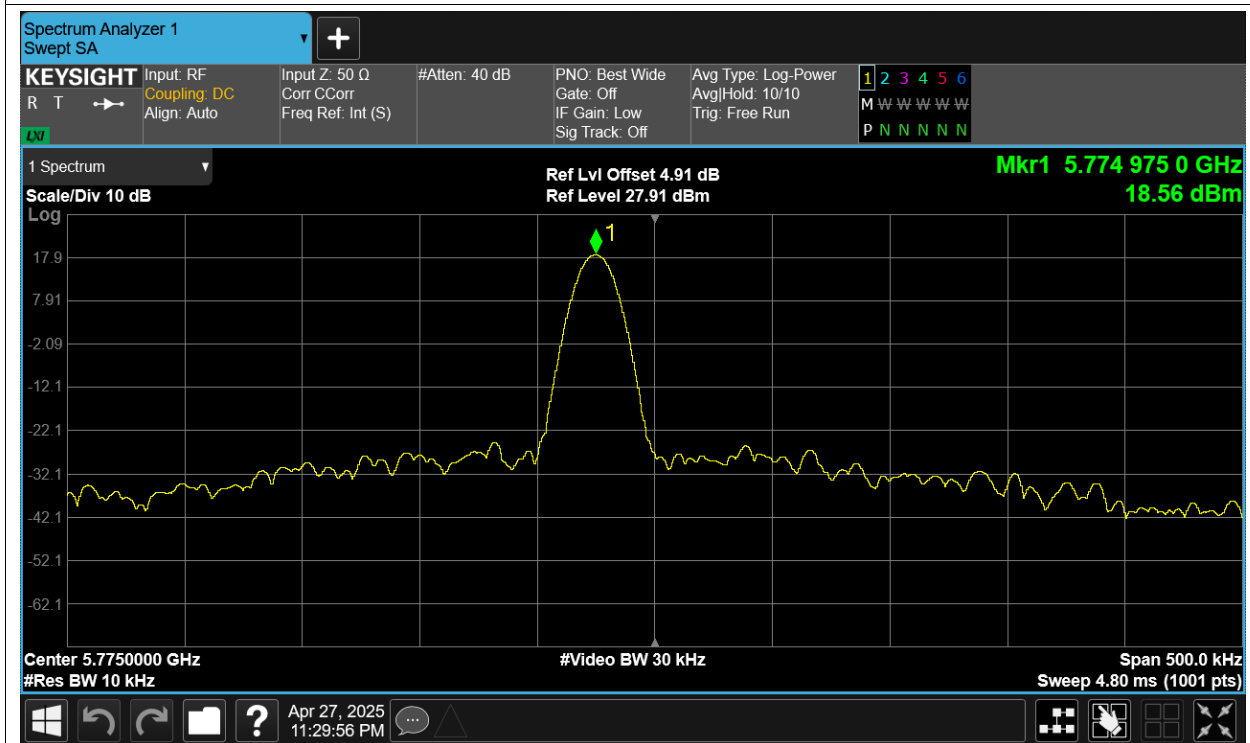
Freq. Stability NVLT a 5745MHz Ant14



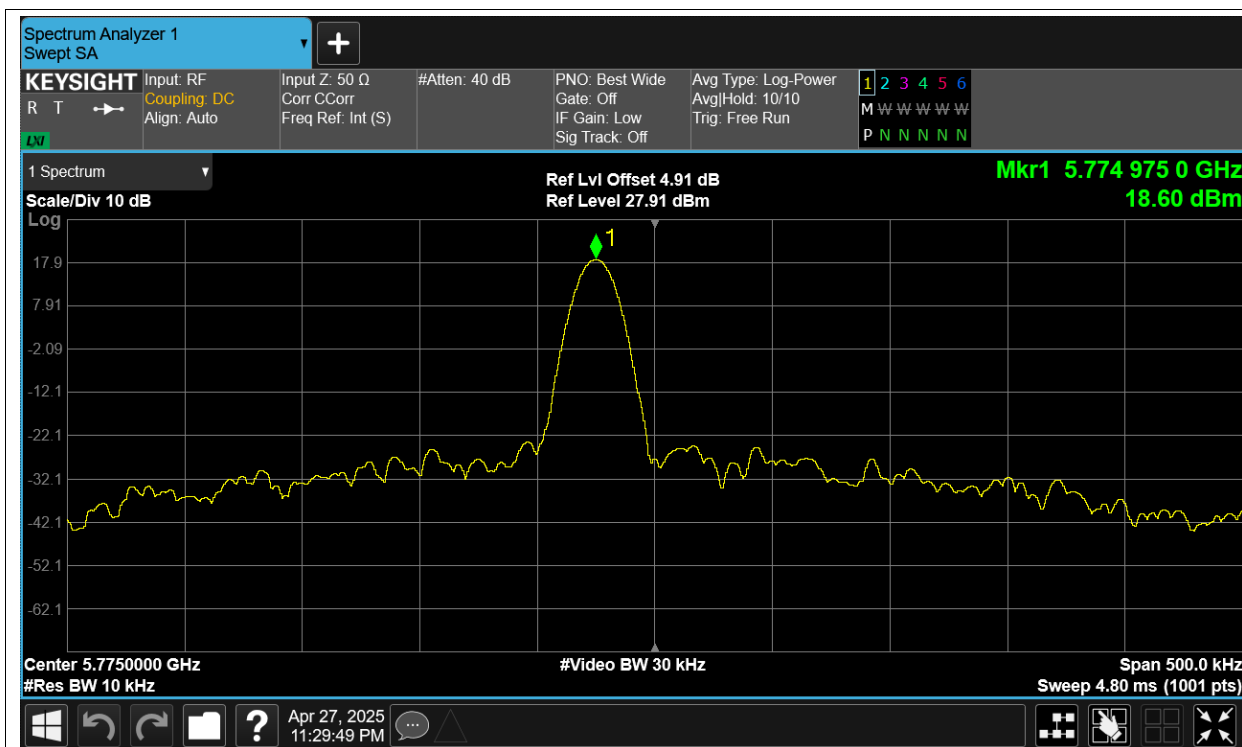
Freq. Stability NVNT a 5745MHz Ant14



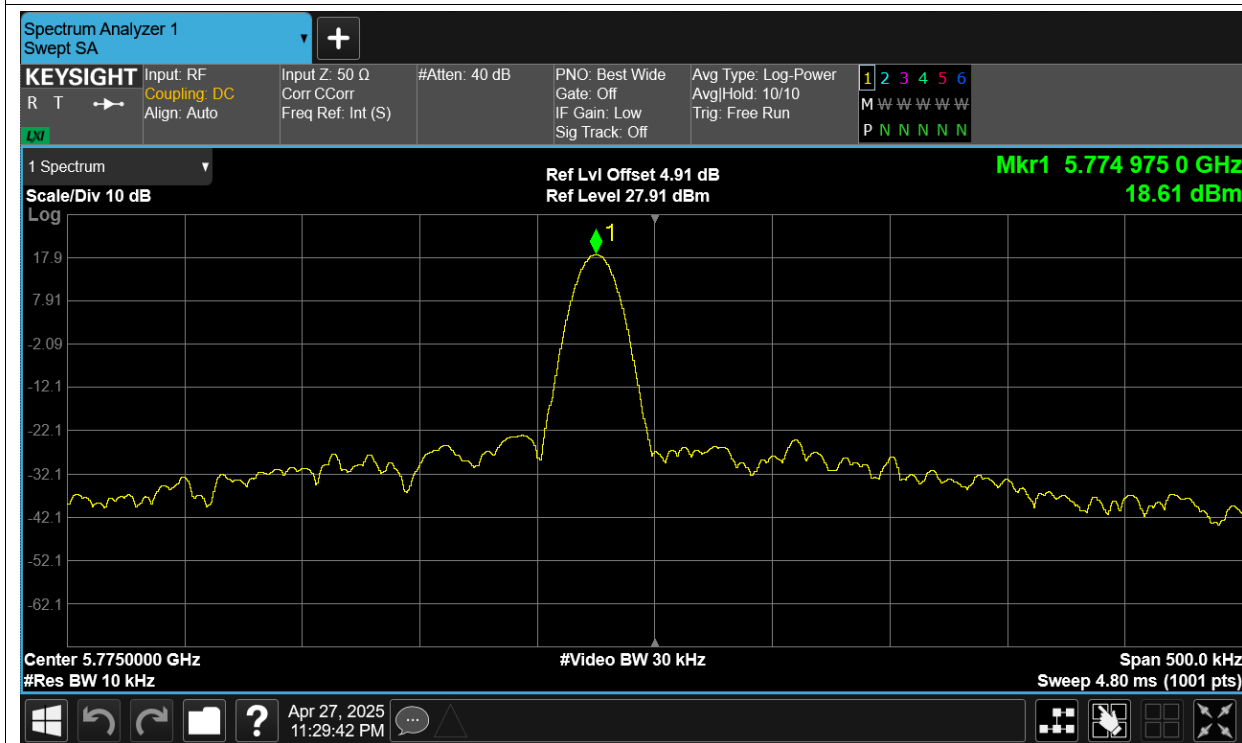
Freq. Stability HVNT ac80 5775MHz Ant14



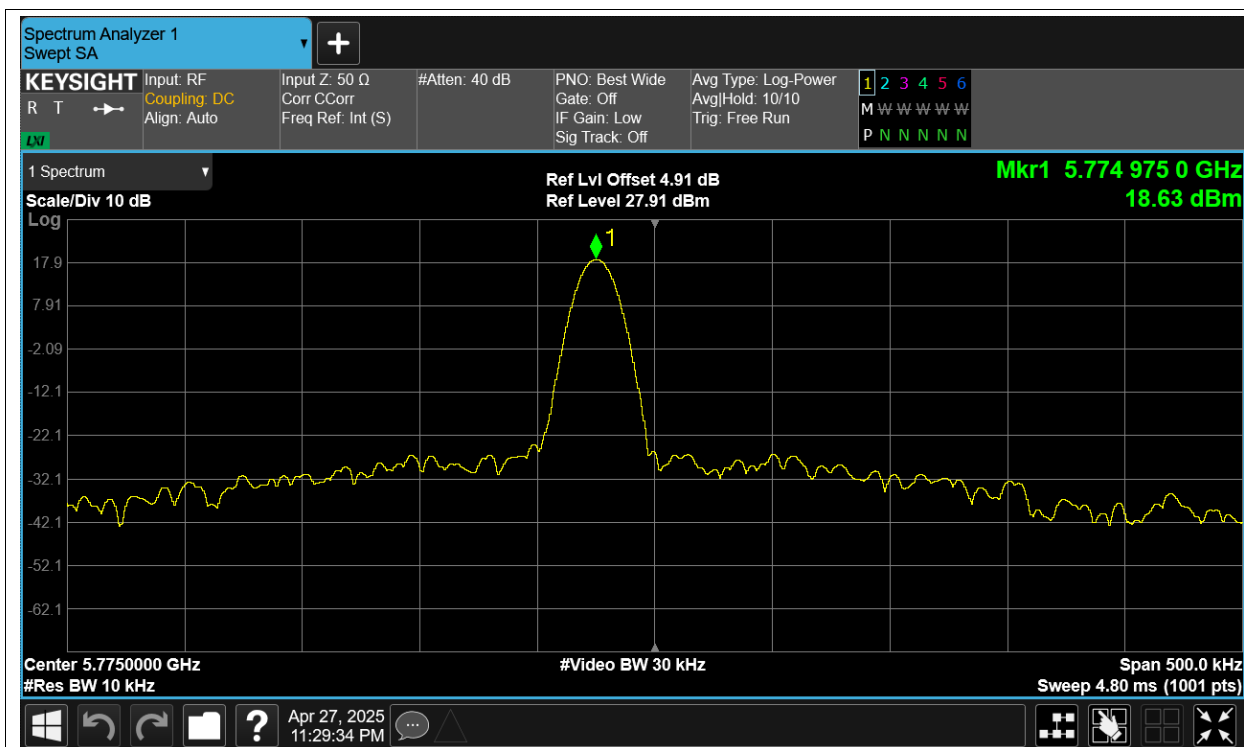
Freq. Stability LVNT ac80 5775MHz Ant14



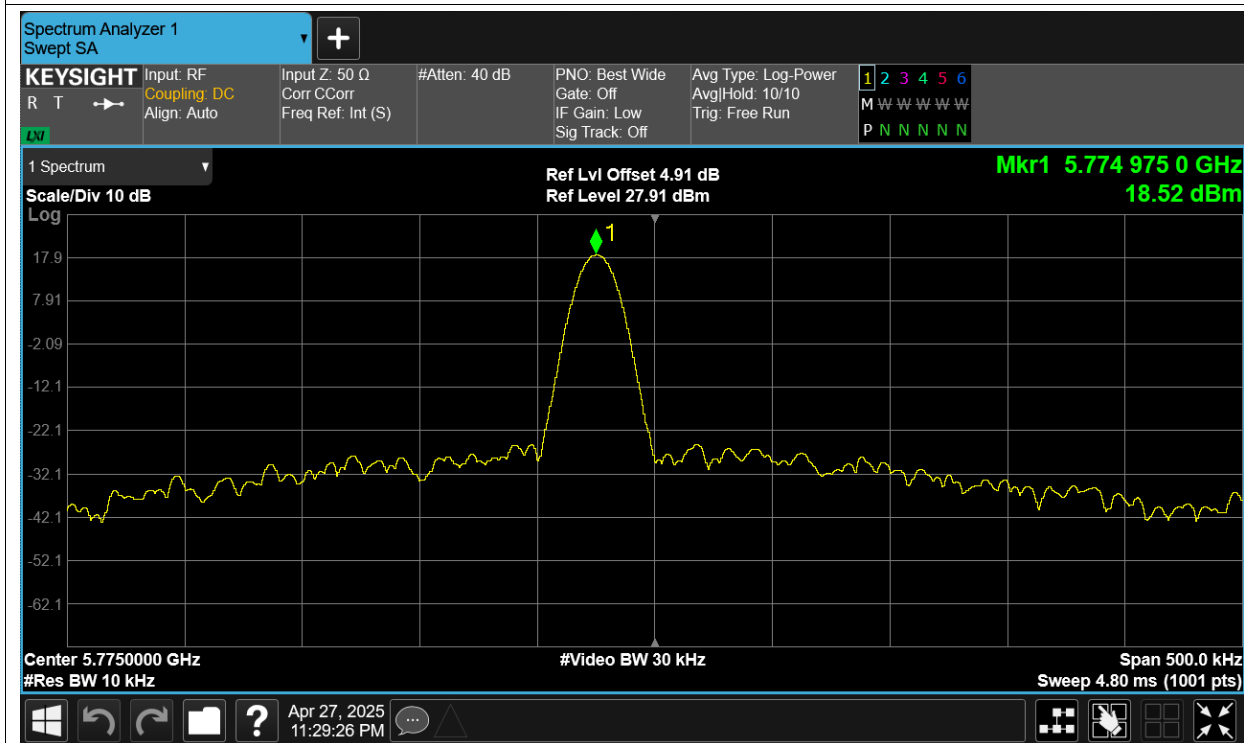
Freq. Stability NVHT ac80 5775MHz Ant14



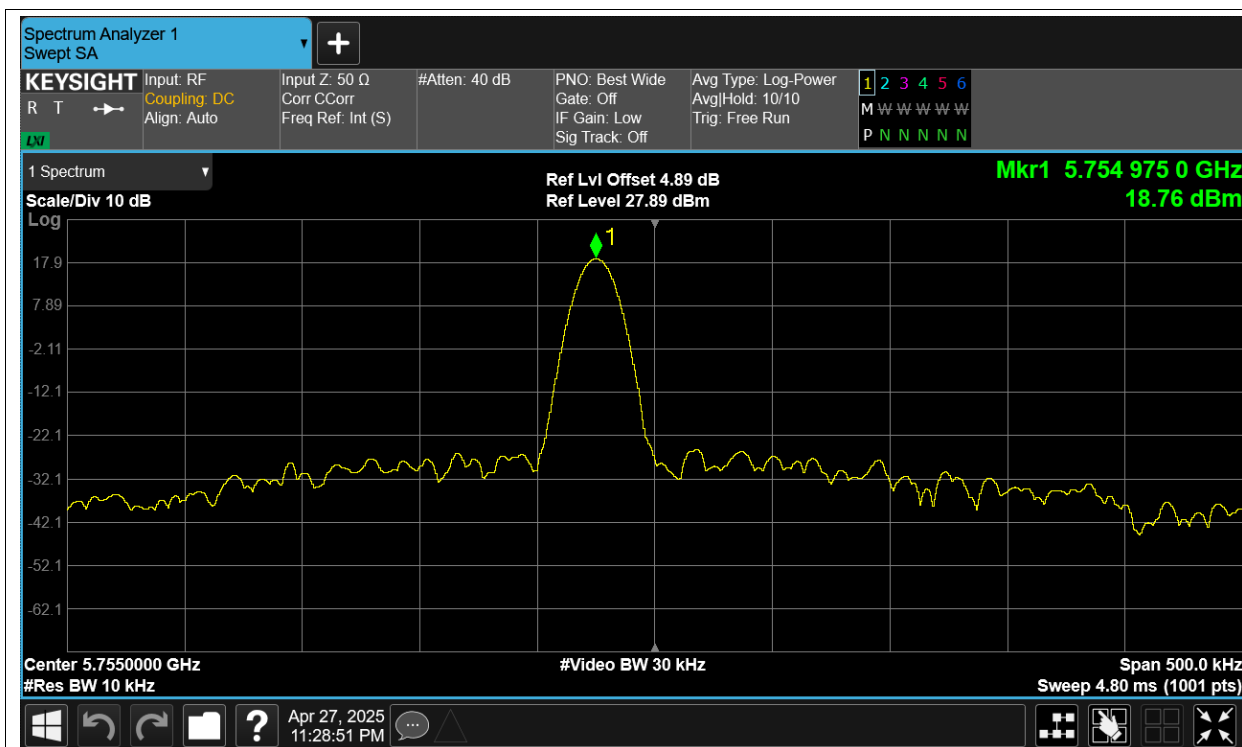
Freq. Stability NVLT ac80 5775MHz Ant14



Freq. Stability NVNT ac80 5775MHz Ant14



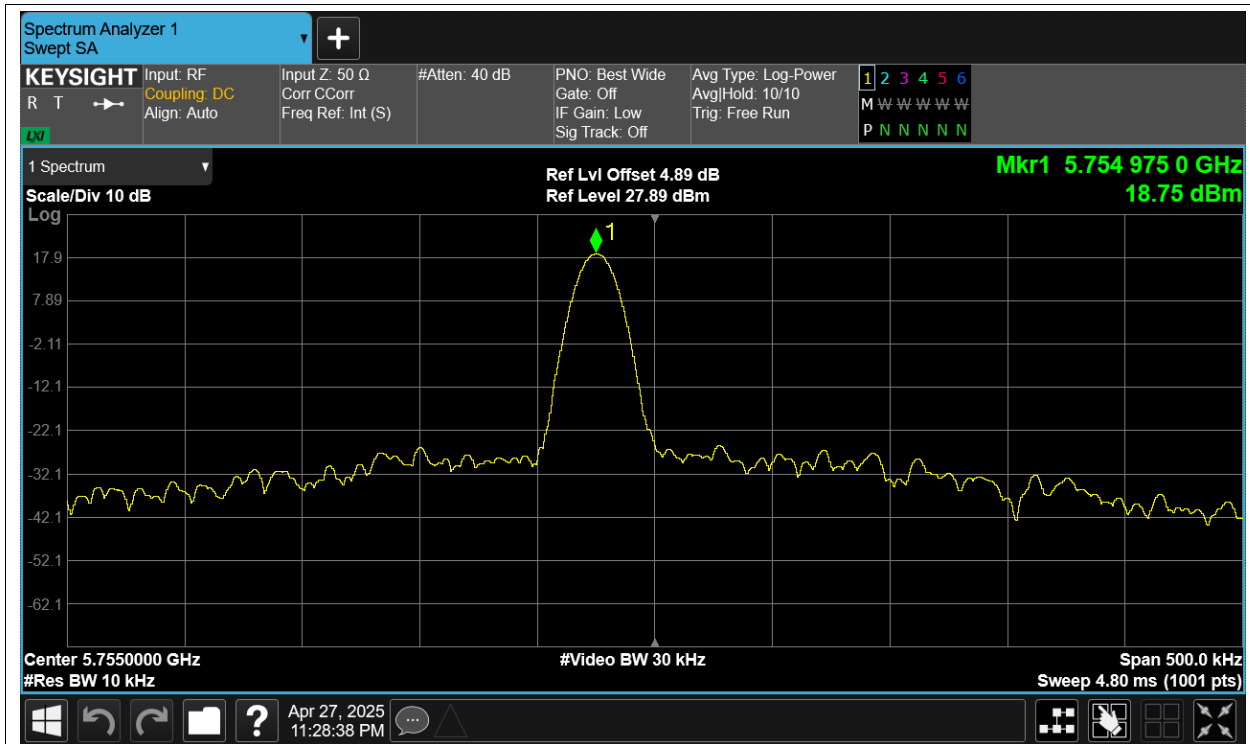
Freq. Stability HVNT n40 5755MHz Ant14



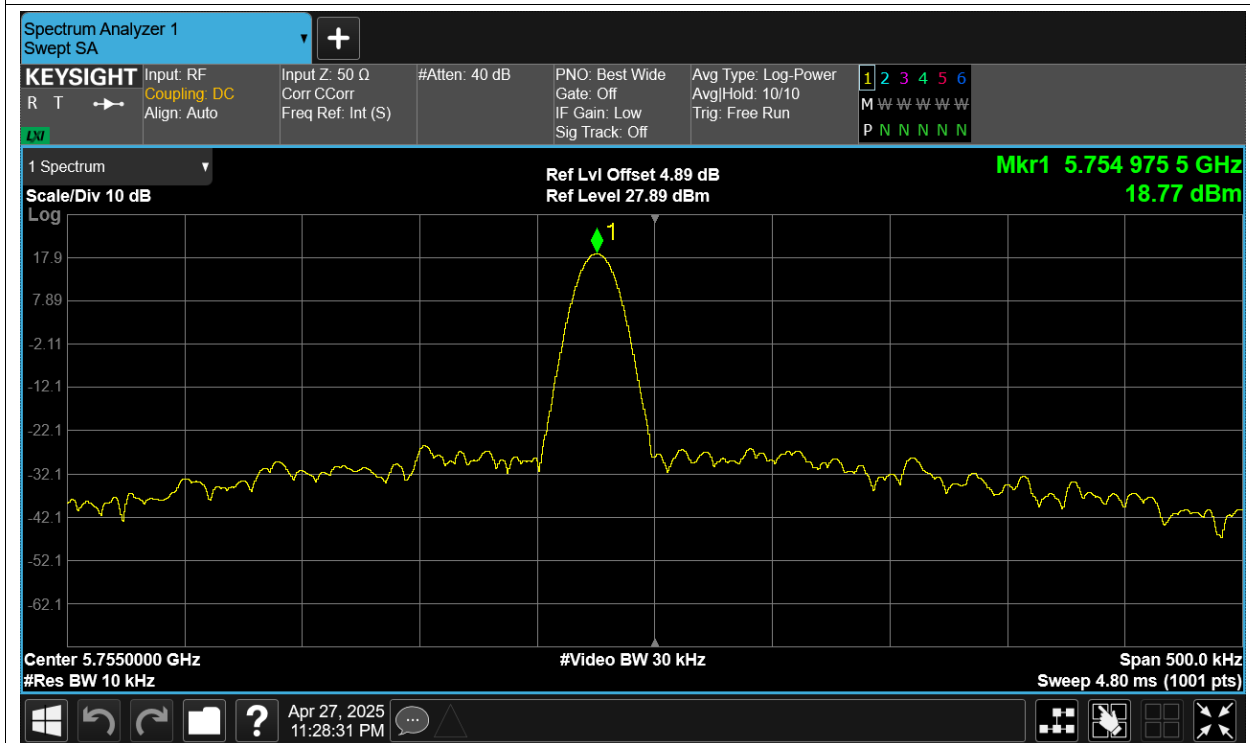
Freq. Stability LVNT n40 5755MHz Ant14



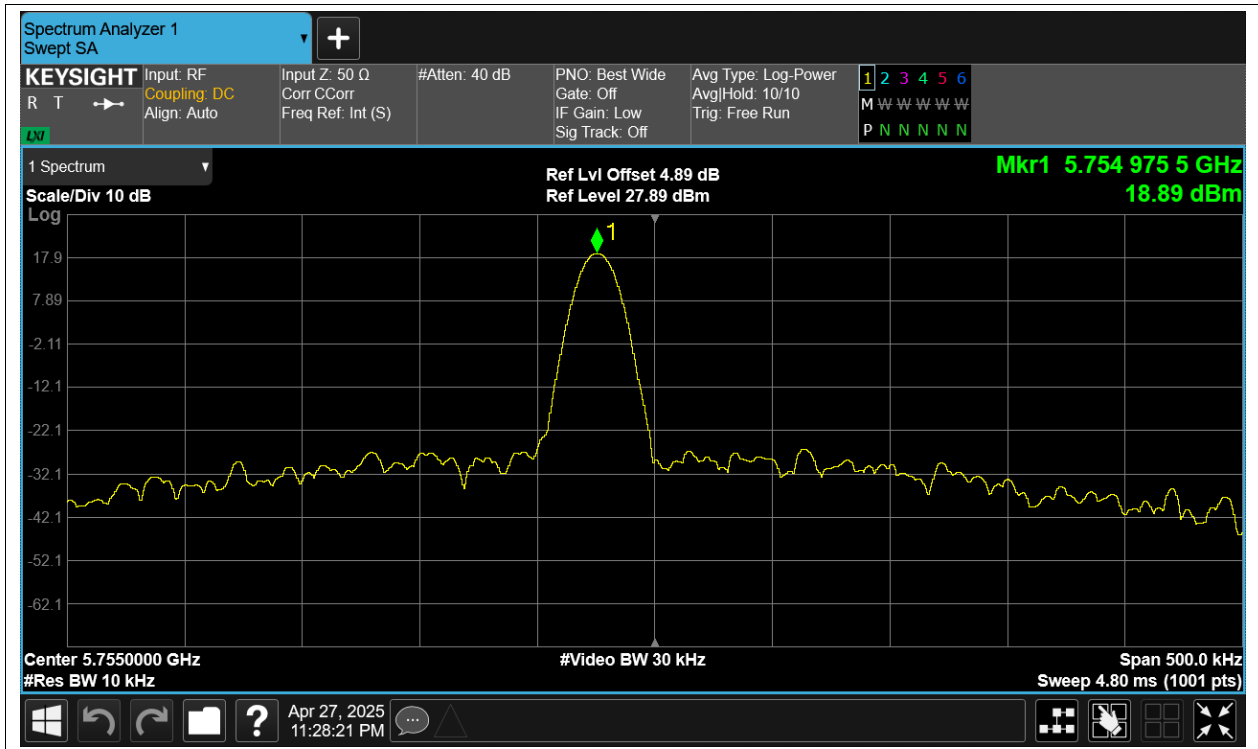
Freq. Stability NVHT n40 5755MHz Ant14



Freq. Stability NVLT n40 5755MHz Ant14



Freq. Stability NVNT n40 5755MHz Ant14

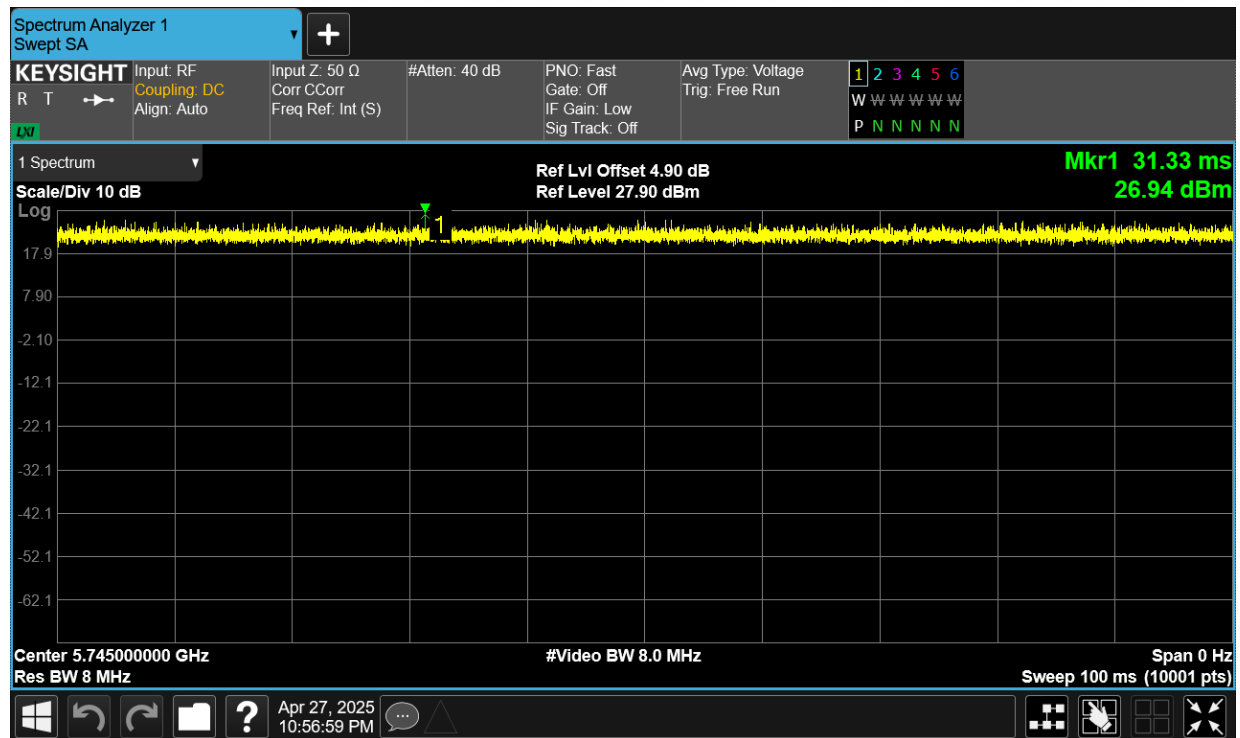


Duty Cycle

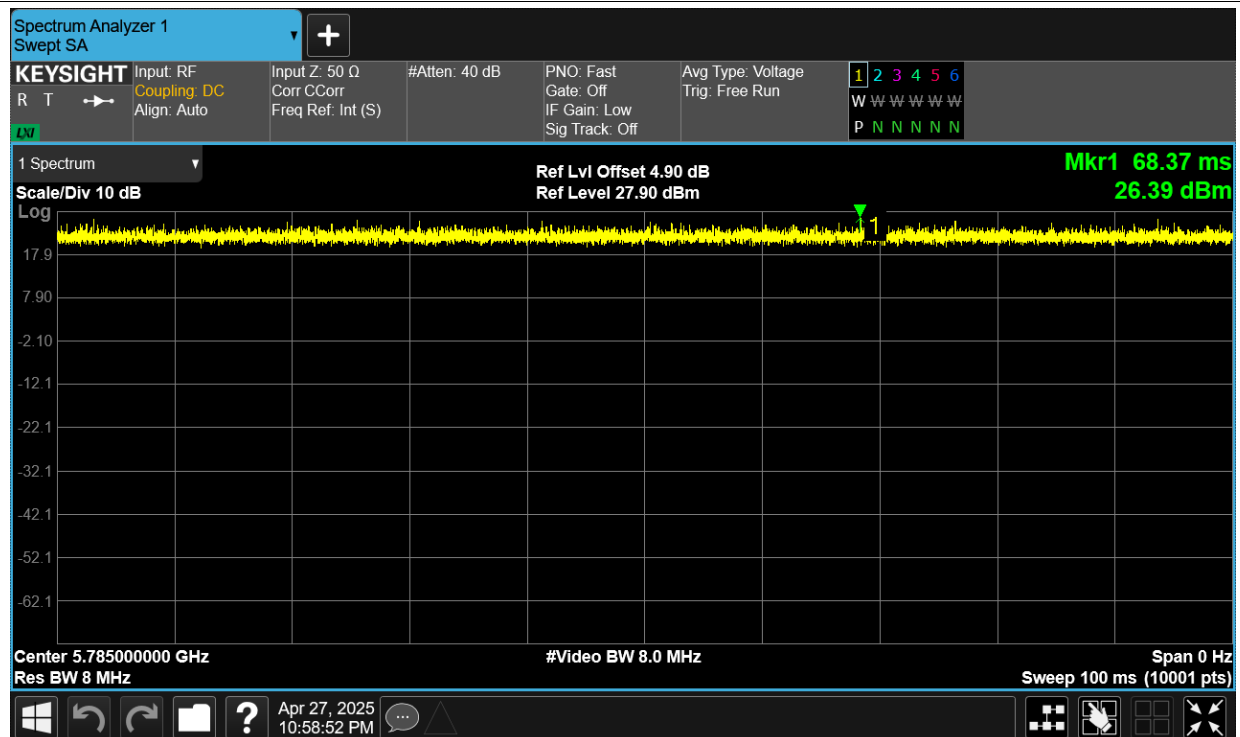
Condition	Mode	Frequency (MHz)	Antenna	Duty Cycle (%)	Correction Factor (dB)
NVNT	a	5745	Ant14	100	0
NVNT	a	5785	Ant14	100	0
NVNT	a	5825	Ant14	100	0
NVNT	ac20	5745	Ant14	100	0
NVNT	ac20	5785	Ant14	100	0
NVNT	ac20	5825	Ant14	100	0
NVNT	ac40	5755	Ant14	100	0
NVNT	ac40	5795	Ant14	100	0
NVNT	ac80	5775	Ant14	100	0
NVNT	n20	5745	Ant14	100	0
NVNT	n20	5785	Ant14	100	0
NVNT	n20	5825	Ant14	100	0
NVNT	n40	5755	Ant14	100	0
NVNT	n40	5795	Ant14	100	0

Test Graphs

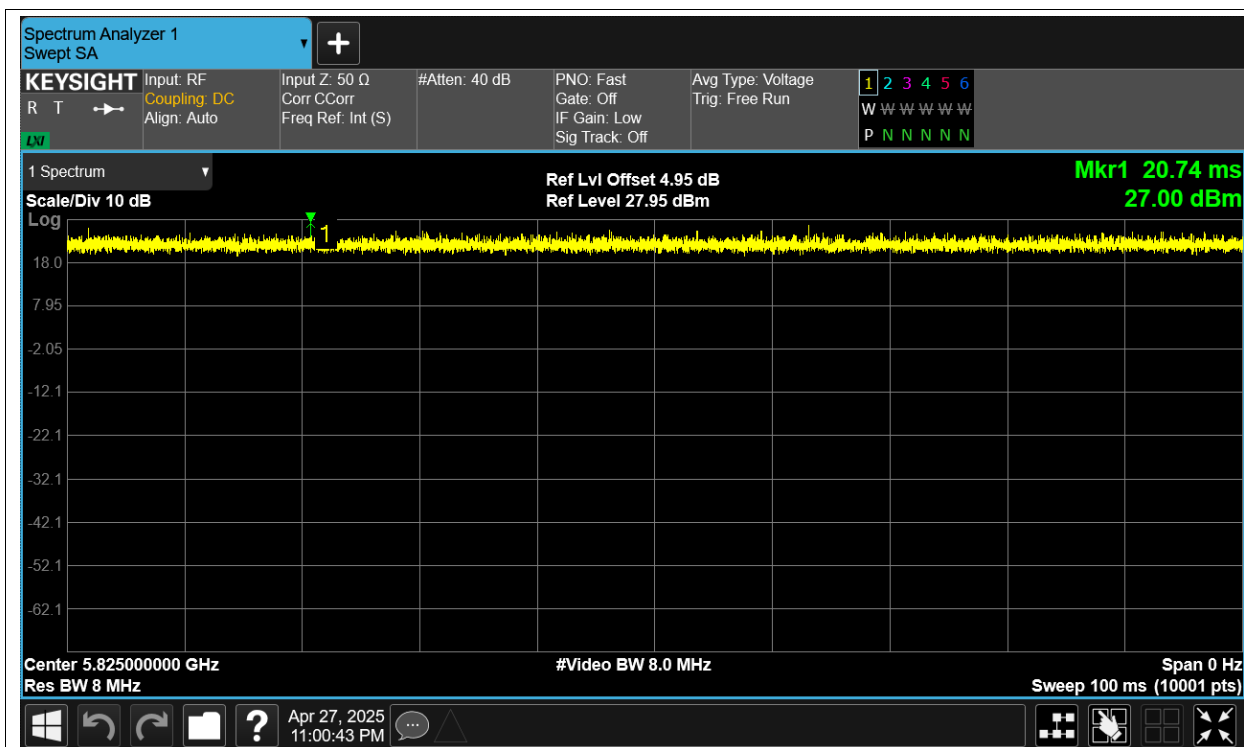
Duty Cycle NVNT a 5745MHz Ant14



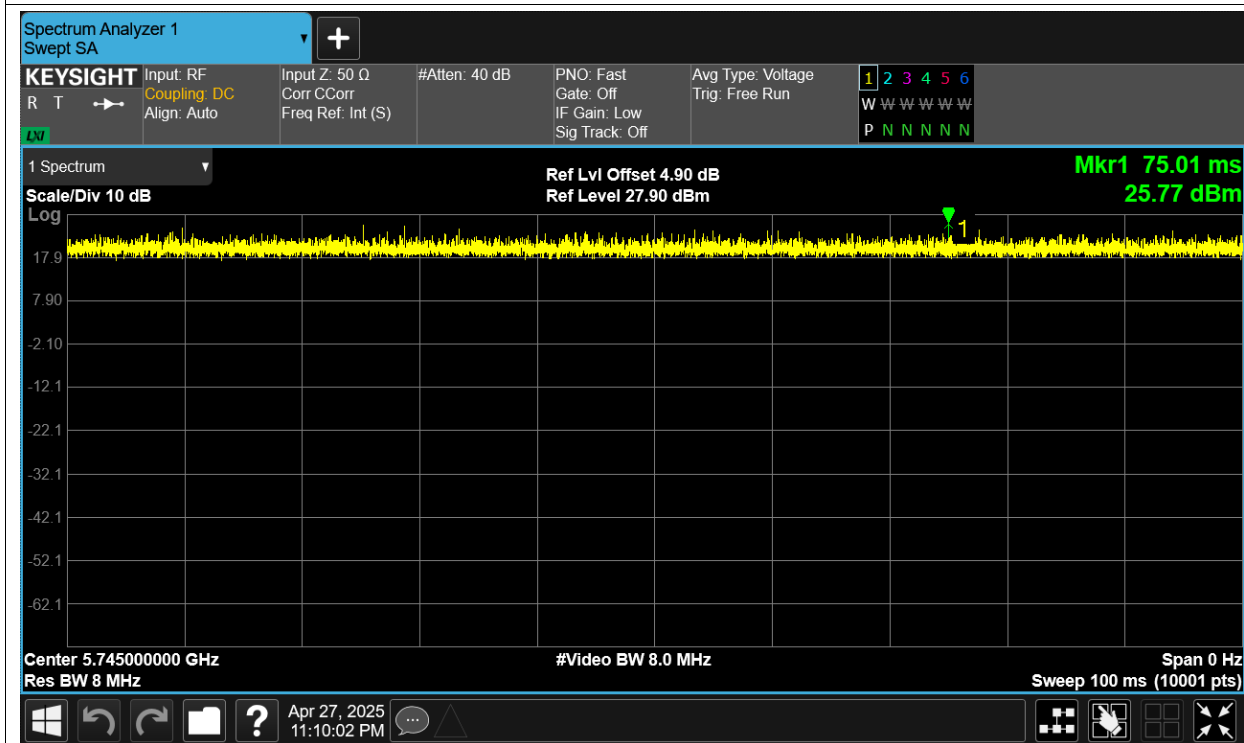
Duty Cycle NVNT a 5785MHz Ant14



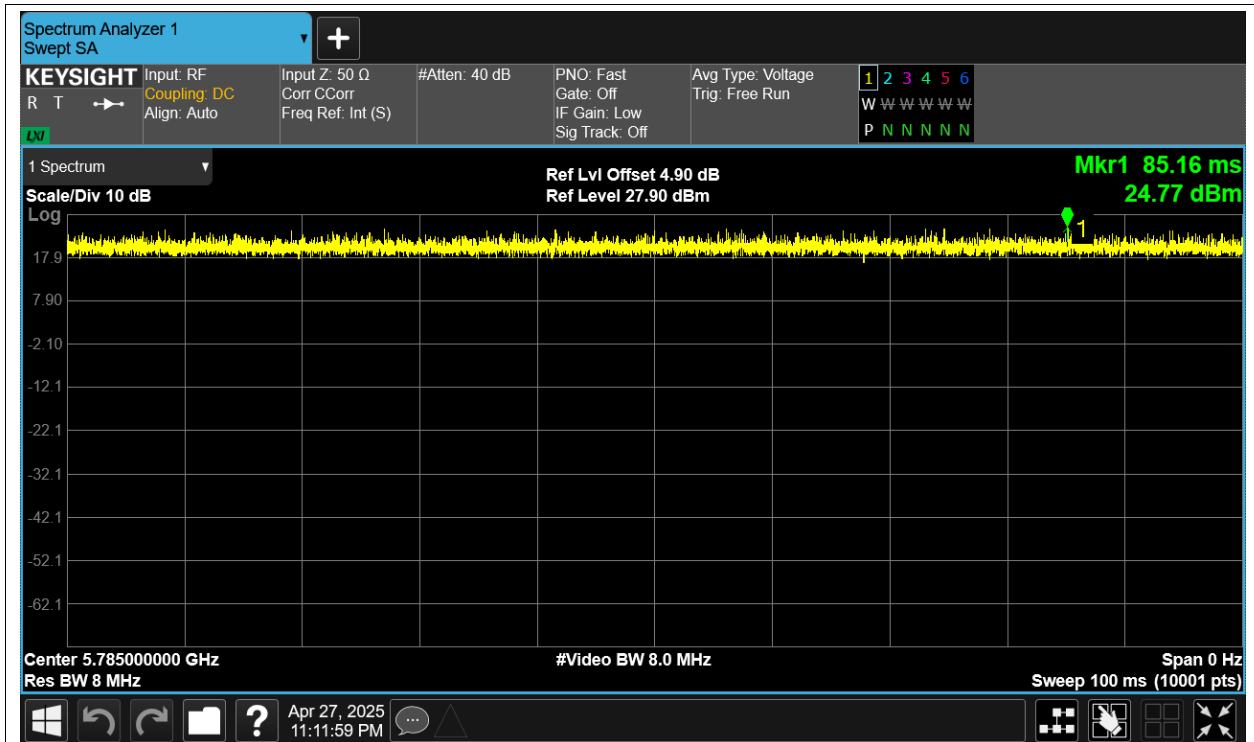
Duty Cycle NVNT a 5825MHz Ant14



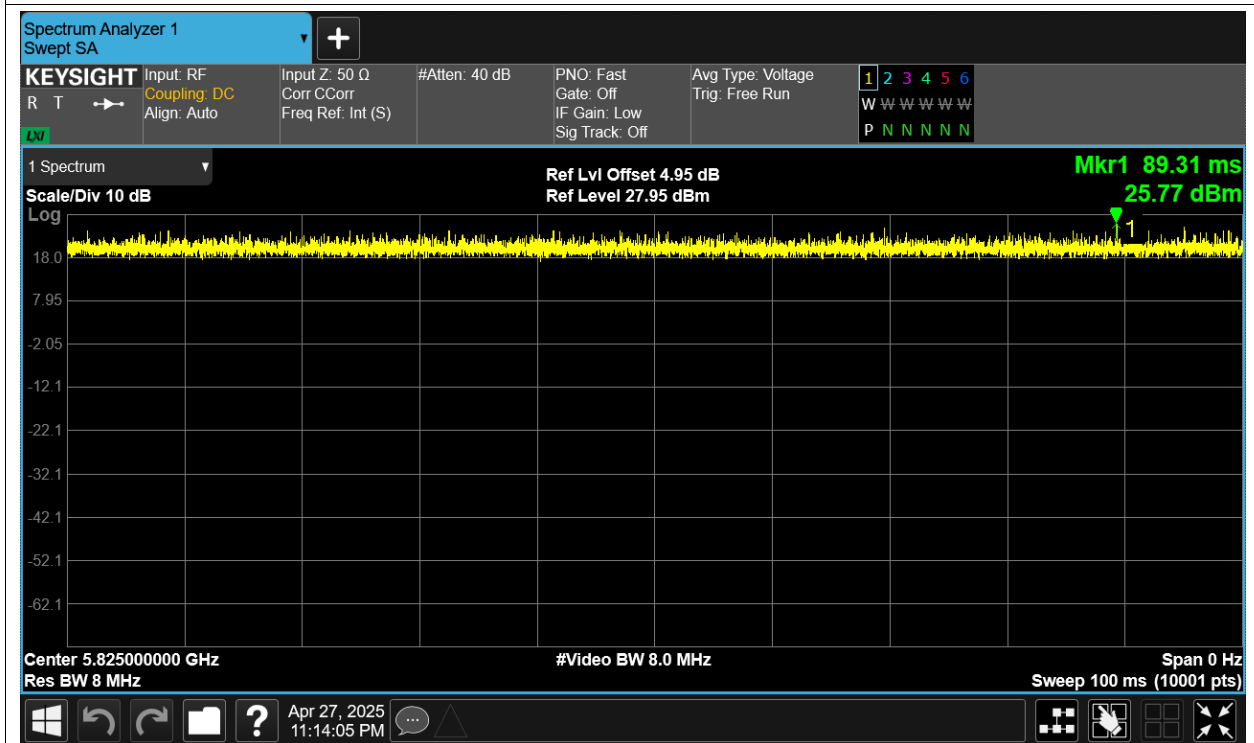
Duty Cycle NVNT ac20 5745MHz Ant14



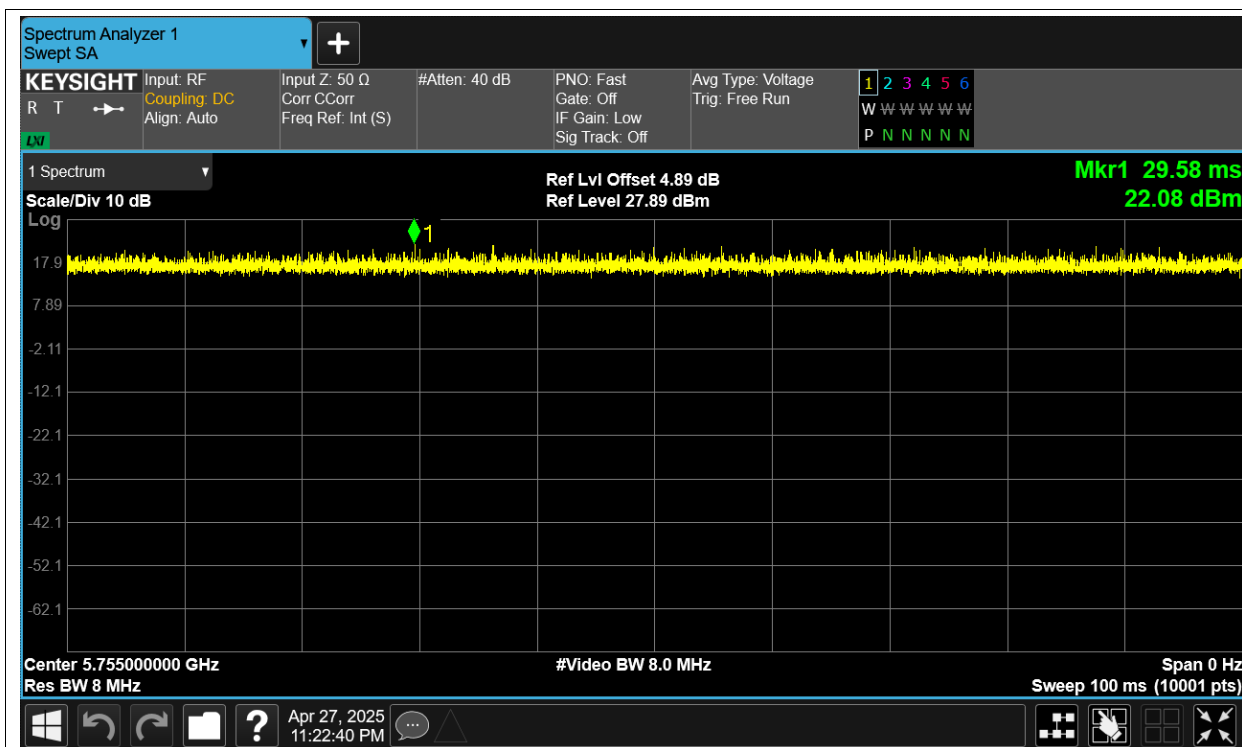
Duty Cycle NVNT ac20 5785MHz Ant14



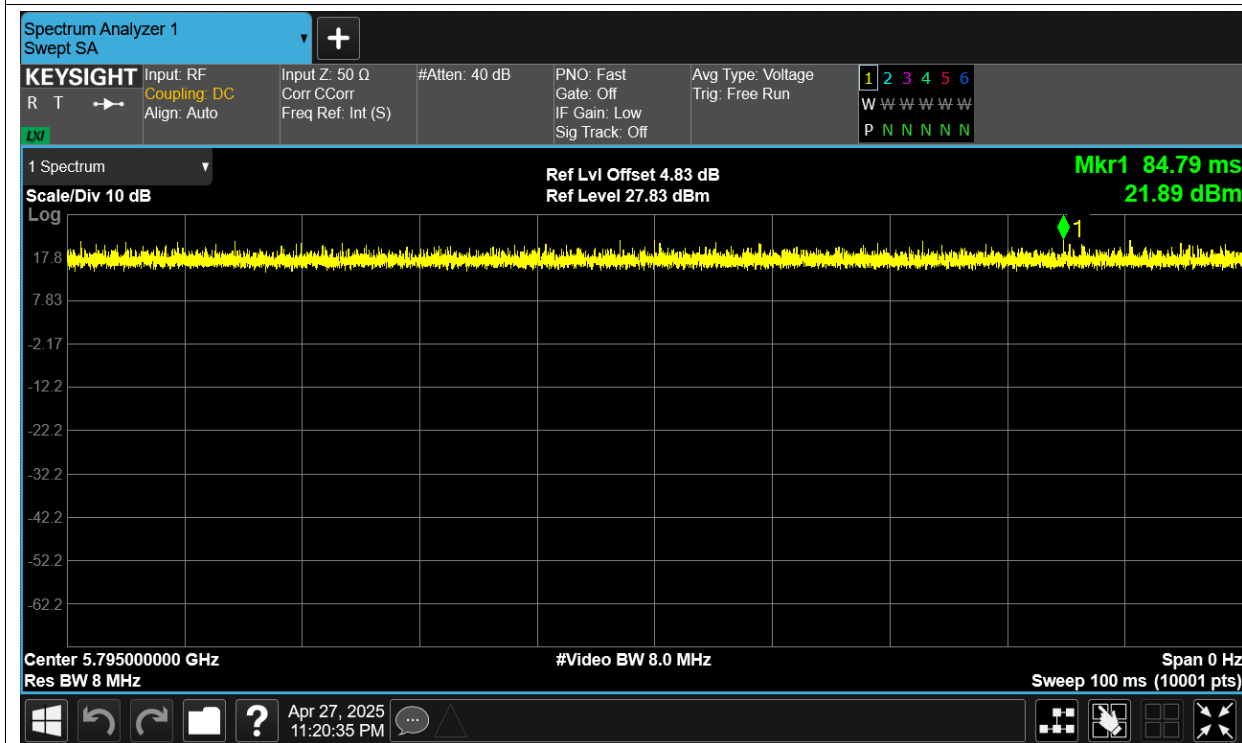
Duty Cycle NVNT ac20 5825MHz Ant14



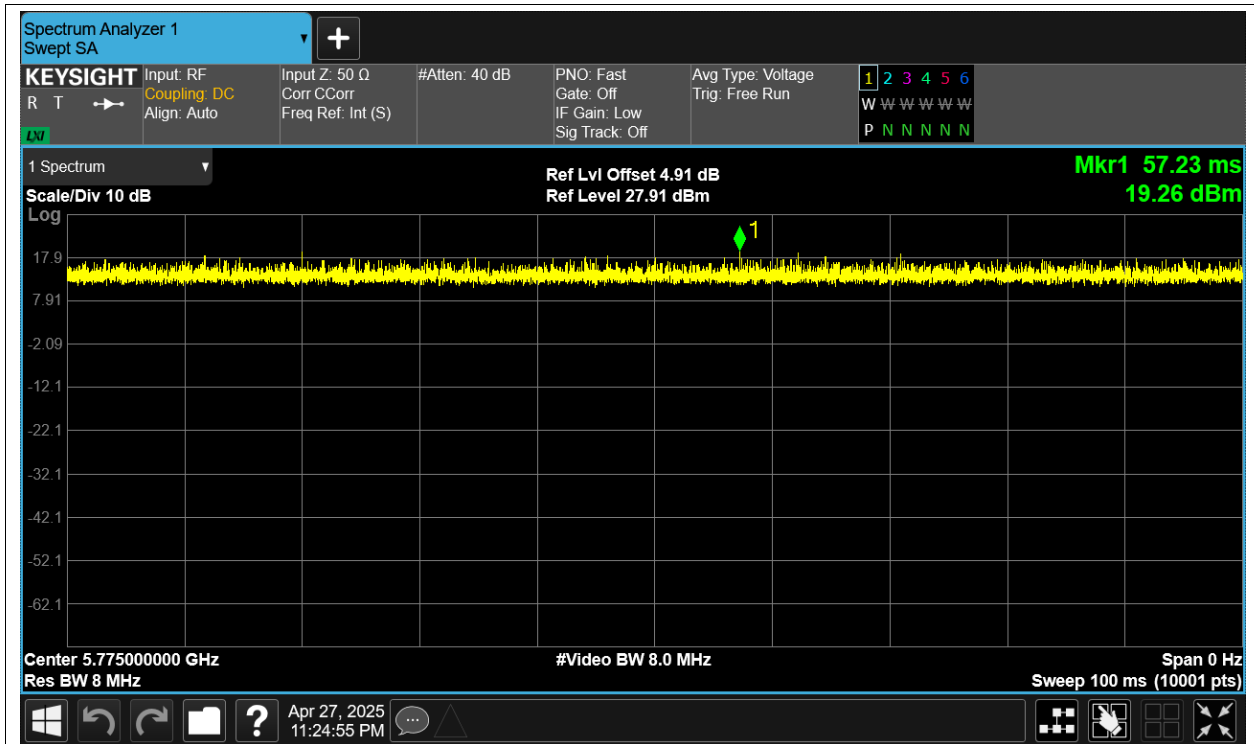
Duty Cycle NVNT ac40 5755MHz Ant14



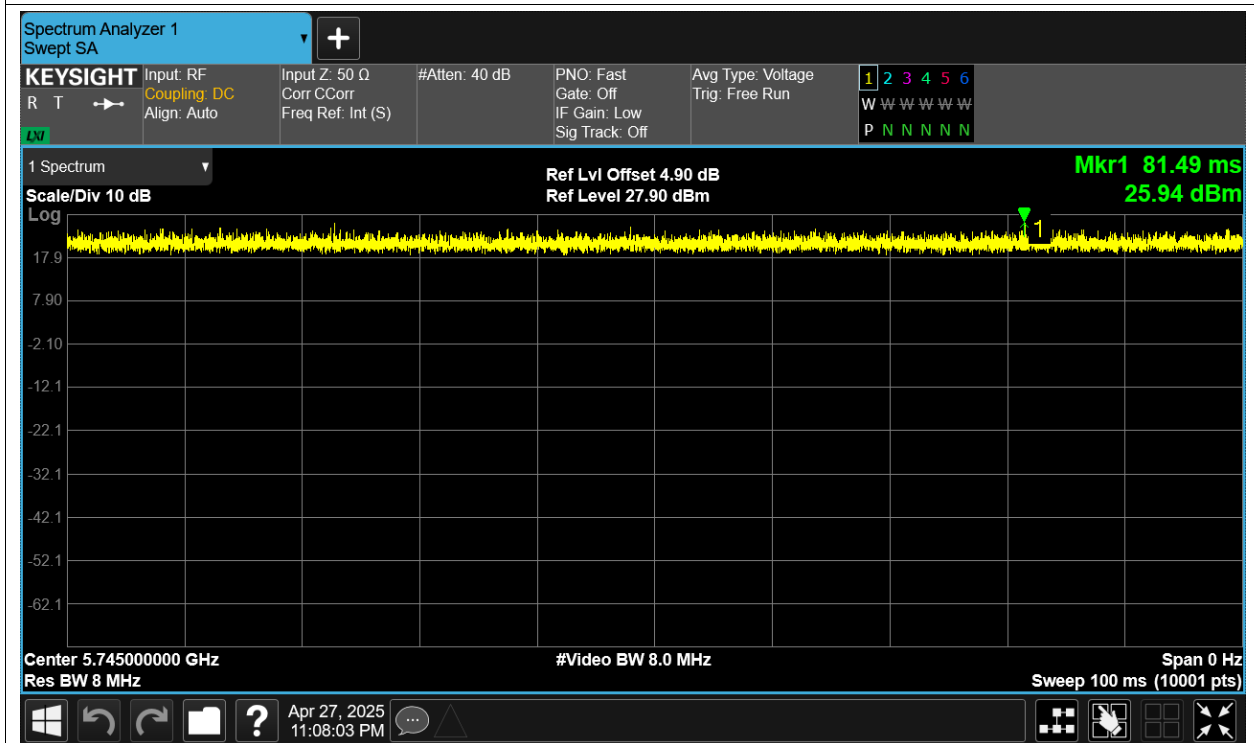
Duty Cycle NVNT ac40 5795MHz Ant14



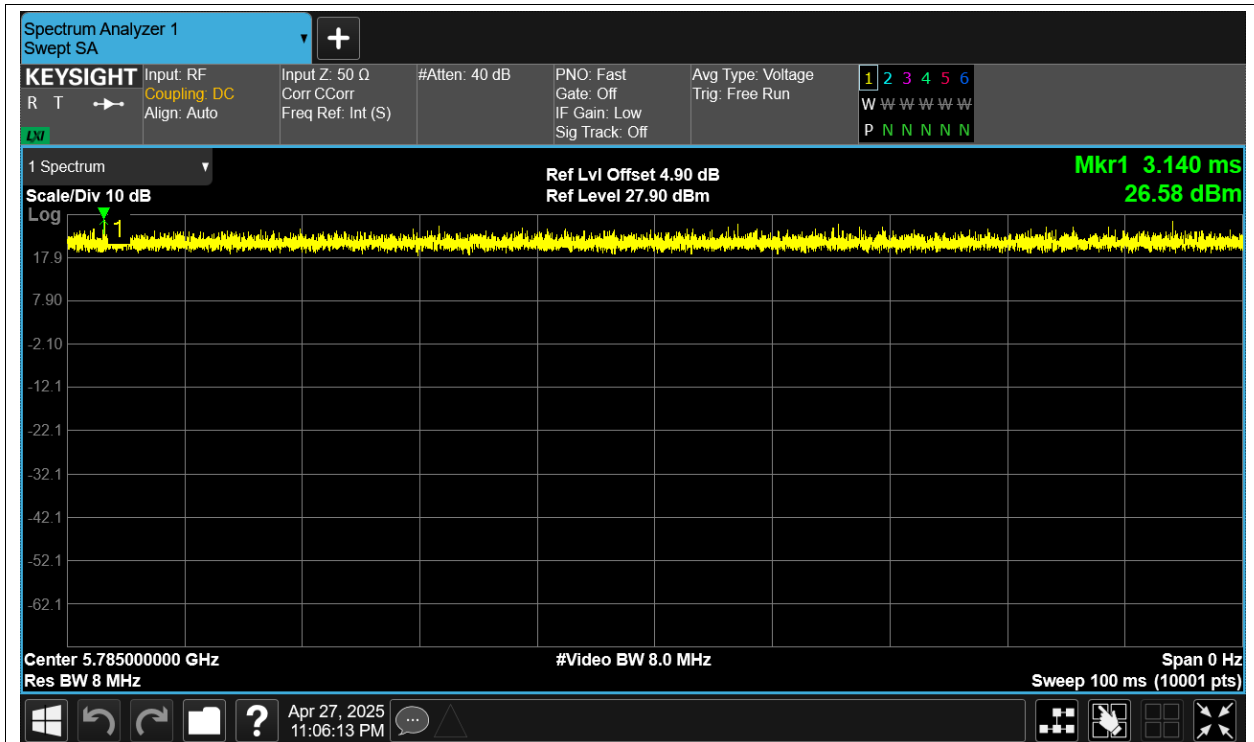
Duty Cycle NVNT ac80 5775MHz Ant14



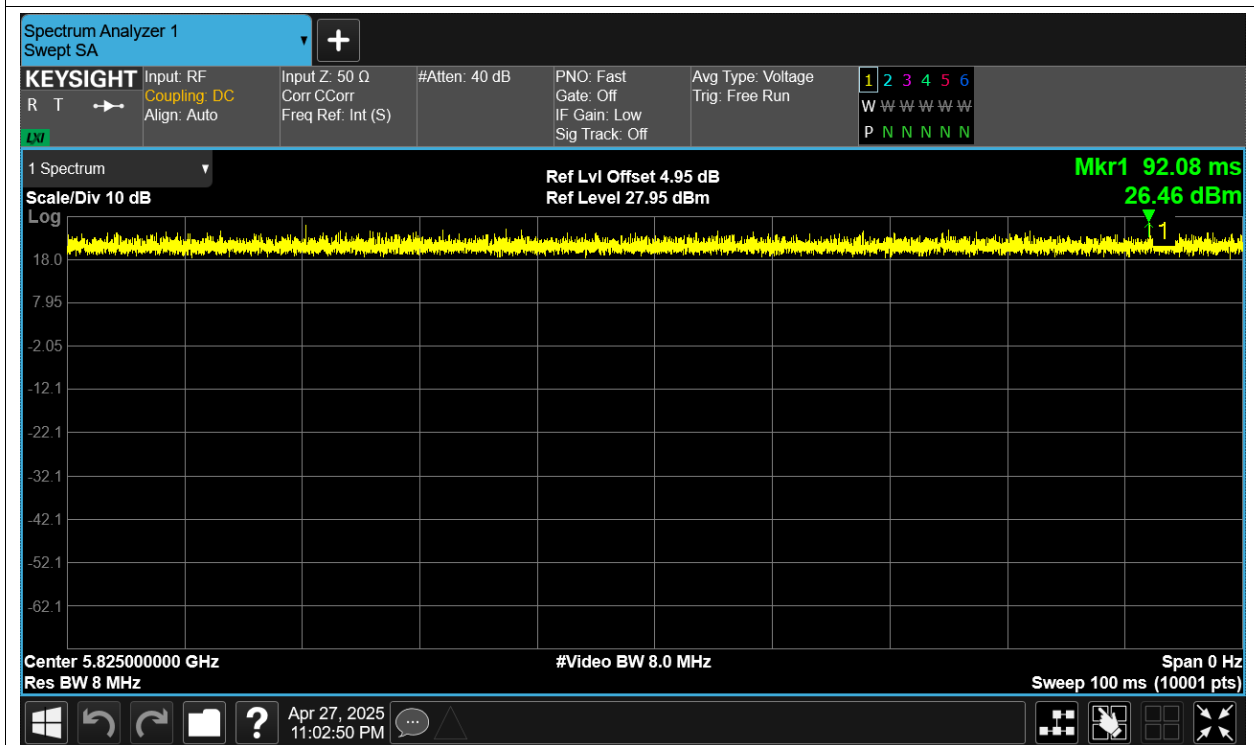
Duty Cycle NVNT n20 5745MHz Ant14



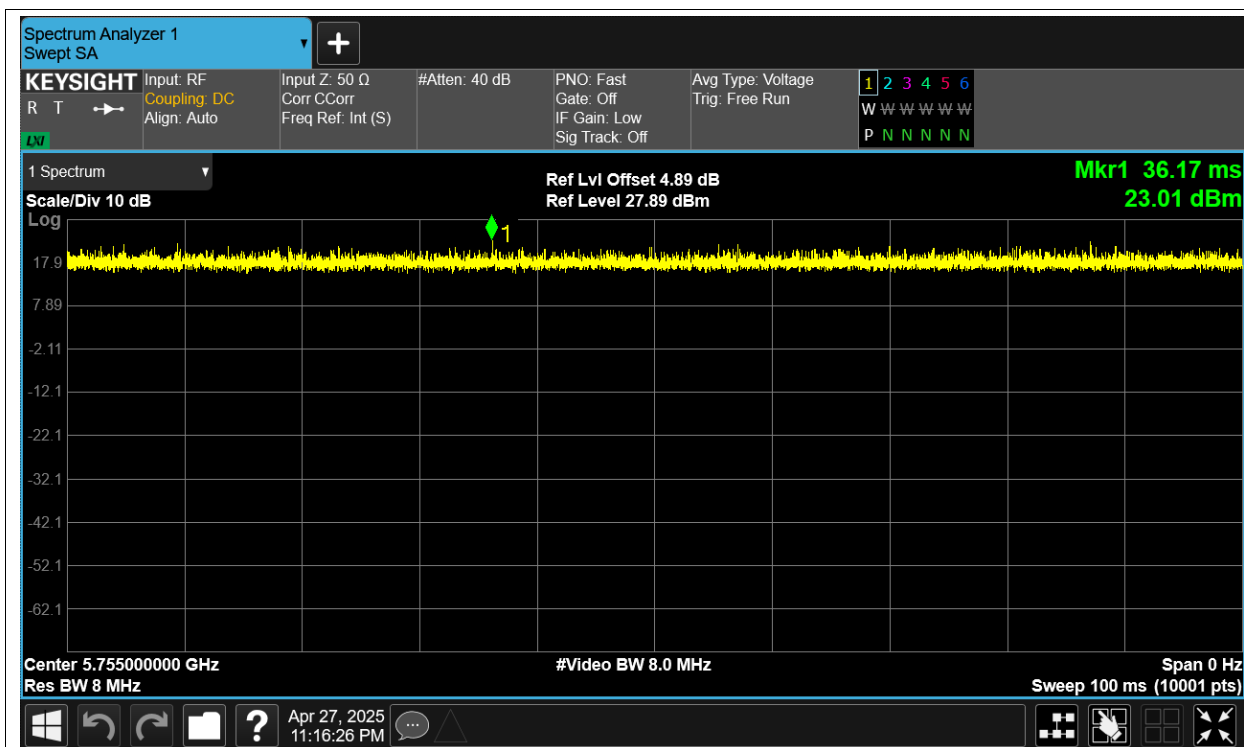
Duty Cycle NVNT n20 5785MHz Ant14



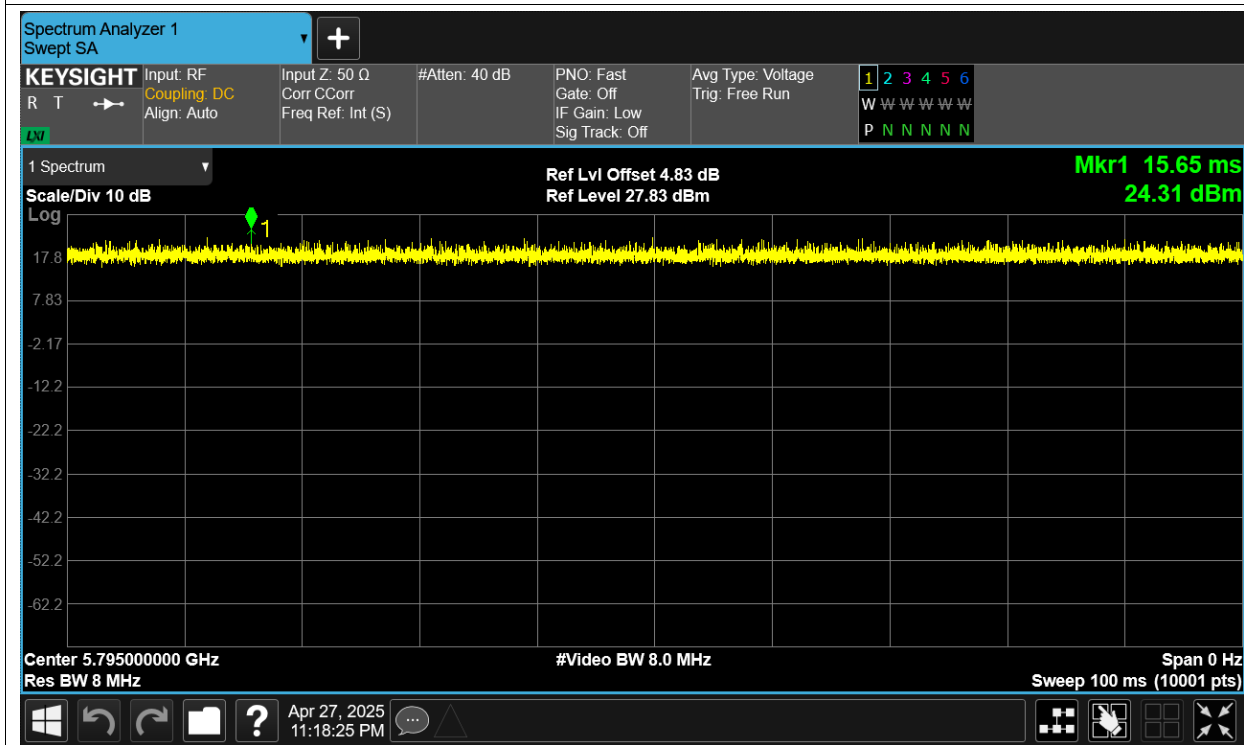
Duty Cycle NVNT n20 5825MHz Ant14



Duty Cycle NVNT n40 5755MHz Ant14



Duty Cycle NVNT n40 5795MHz Ant14



Maximum Conducted Output Power

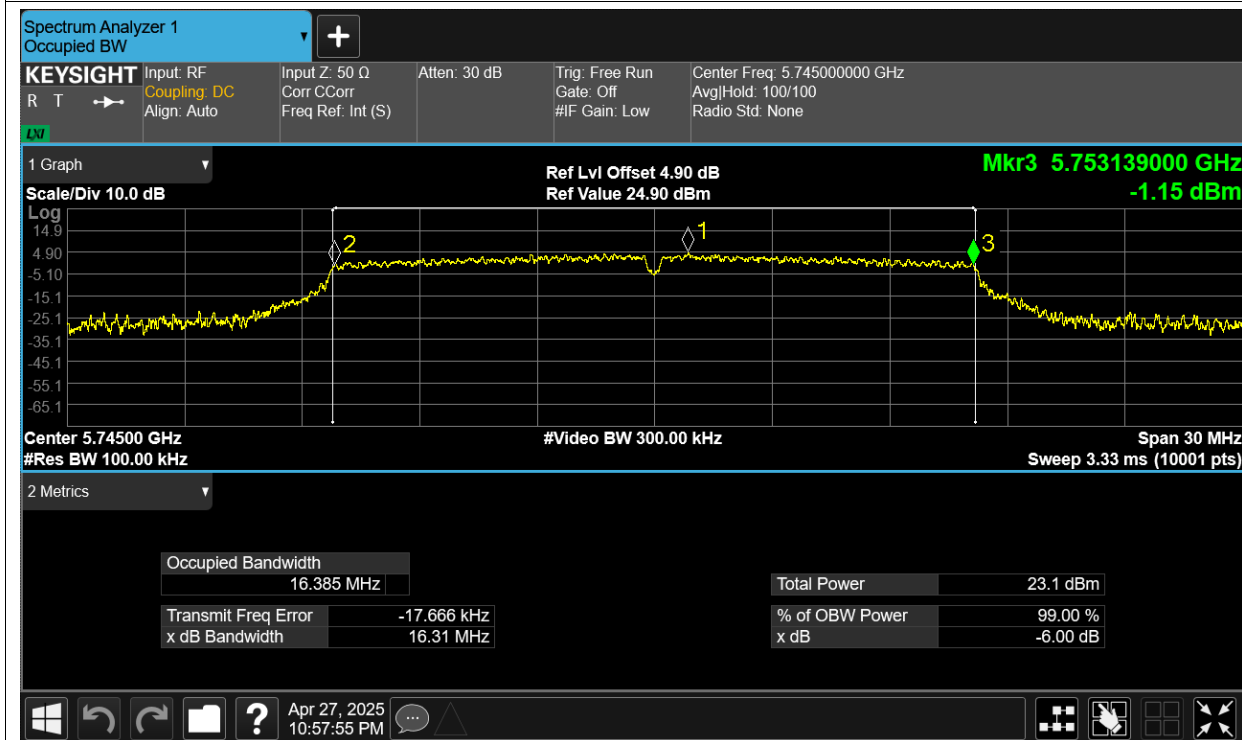
Condition	Mode	Frequency (MHz)	Antenna	Conducted Power (dBm)	Duty Factor (dB)	Total Power (dBm)	Limit (dBm)	Verdict
NVNT	a	5745	Ant14	16.45	0	16.45	30	Pass
NVNT	a	5785	Ant14	17.4	0	17.4	30	Pass
NVNT	a	5825	Ant14	16.73	0	16.73	30	Pass
NVNT	ac20	5745	Ant14	14.94	0	14.94	30	Pass
NVNT	ac20	5785	Ant14	15.58	0	15.58	30	Pass
NVNT	ac20	5825	Ant14	14.71	0	14.71	30	Pass
NVNT	ac40	5755	Ant14	14.5	0	14.5	30	Pass
NVNT	ac40	5795	Ant14	15.11	0	15.11	30	Pass
NVNT	ac80	5775	Ant14	14.7	0	14.7	30	Pass
NVNT	n20	5745	Ant14	15.8	0	15.8	30	Pass
NVNT	n20	5785	Ant14	16.56	0	16.56	30	Pass
NVNT	n20	5825	Ant14	15.68	0	15.68	30	Pass
NVNT	n40	5755	Ant14	15.28	0	15.28	30	Pass
NVNT	n40	5795	Ant14	16.05	0	16.05	30	Pass

-6dB Bandwidth

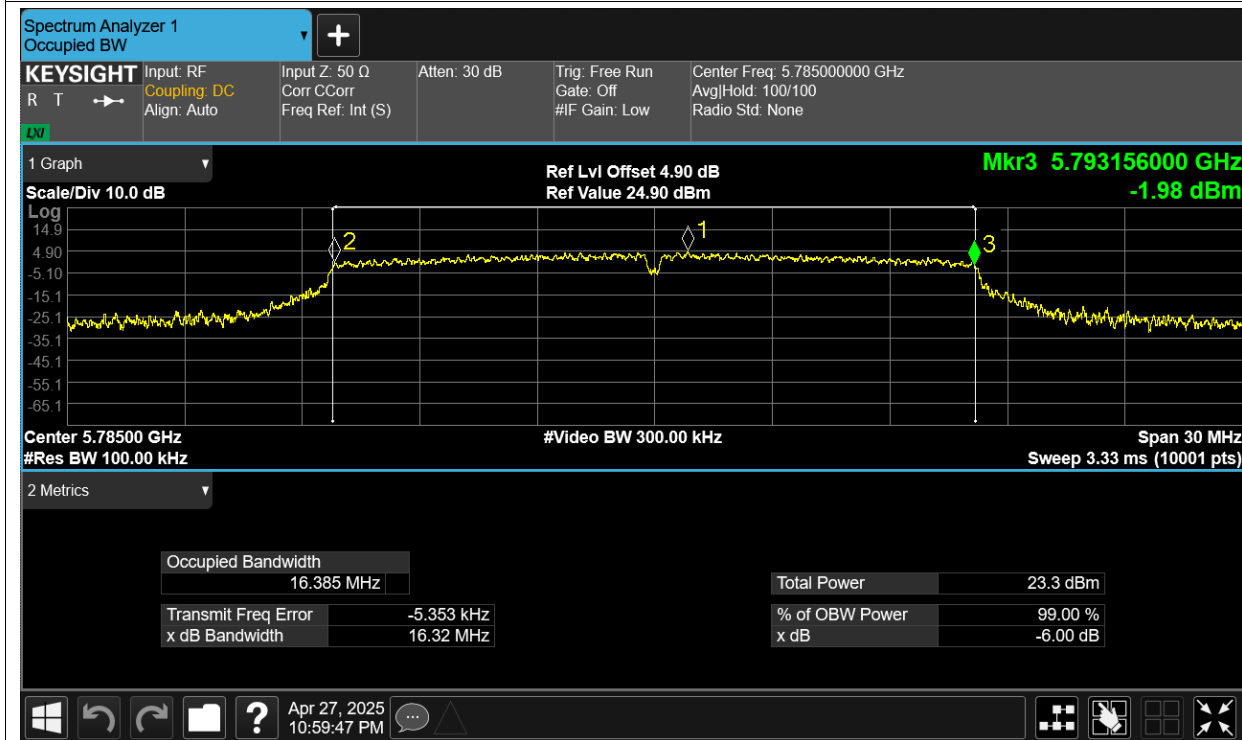
Condition	Mode	Frequency (MHz)	Antenna	-6 dB Bandwidth (MHz)	limit	Verdic
NVNT	a	5745	Ant14	16.314	0.5	Pass
NVNT	a	5785	Ant14	16.323	0.5	Pass
NVNT	a	5825	Ant14	16.315	0.5	Pass
NVNT	ac20	5745	Ant14	17.609	0.5	Pass
NVNT	ac20	5785	Ant14	17.579	0.5	Pass
NVNT	ac20	5825	Ant14	17.577	0.5	Pass
NVNT	ac40	5755	Ant14	36.316	0.5	Pass
NVNT	ac40	5795	Ant14	36.297	0.5	Pass
NVNT	ac80	5775	Ant14	76.074	0.5	Pass
NVNT	n20	5745	Ant14	17.589	0.5	Pass
NVNT	n20	5785	Ant14	17.59	0.5	Pass
NVNT	n20	5825	Ant14	17.559	0.5	Pass
NVNT	n40	5755	Ant14	36.286	0.5	Pass
NVNT	n40	5795	Ant14	36.282	0.5	Pass

Test Graphs

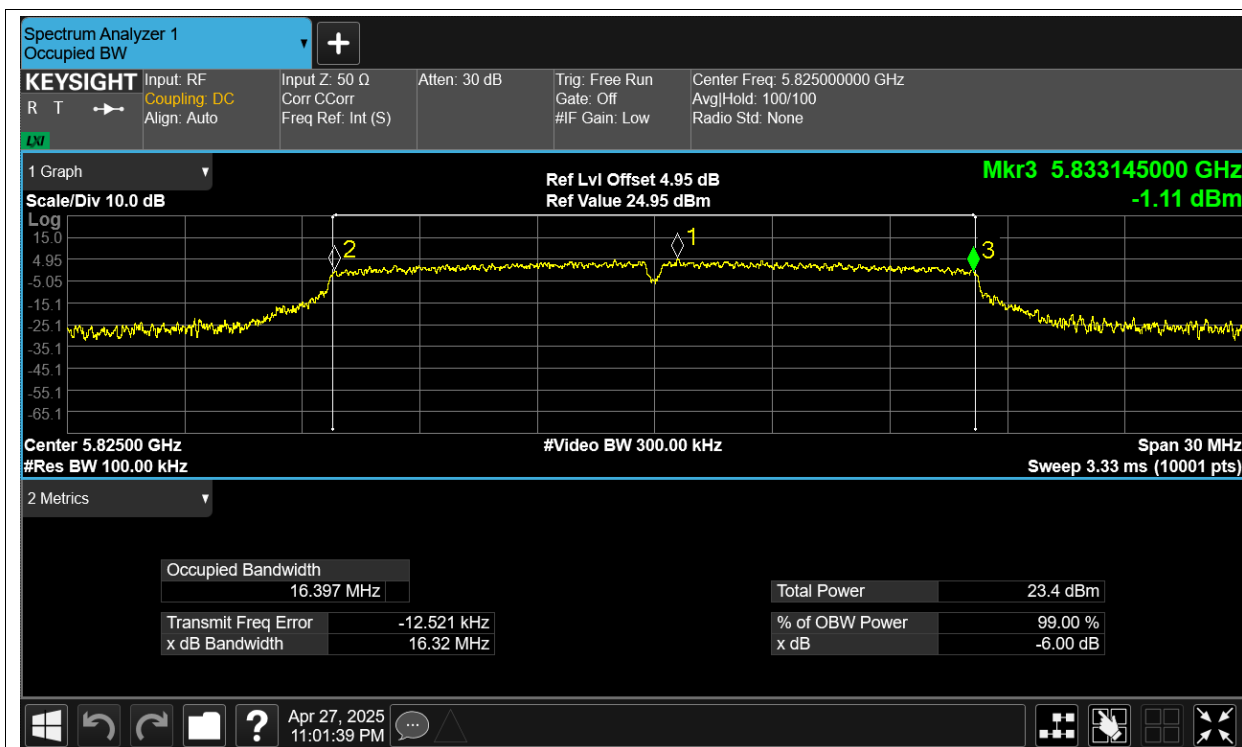
-6dB Bandwidth NVNT a 5745MHz Ant14



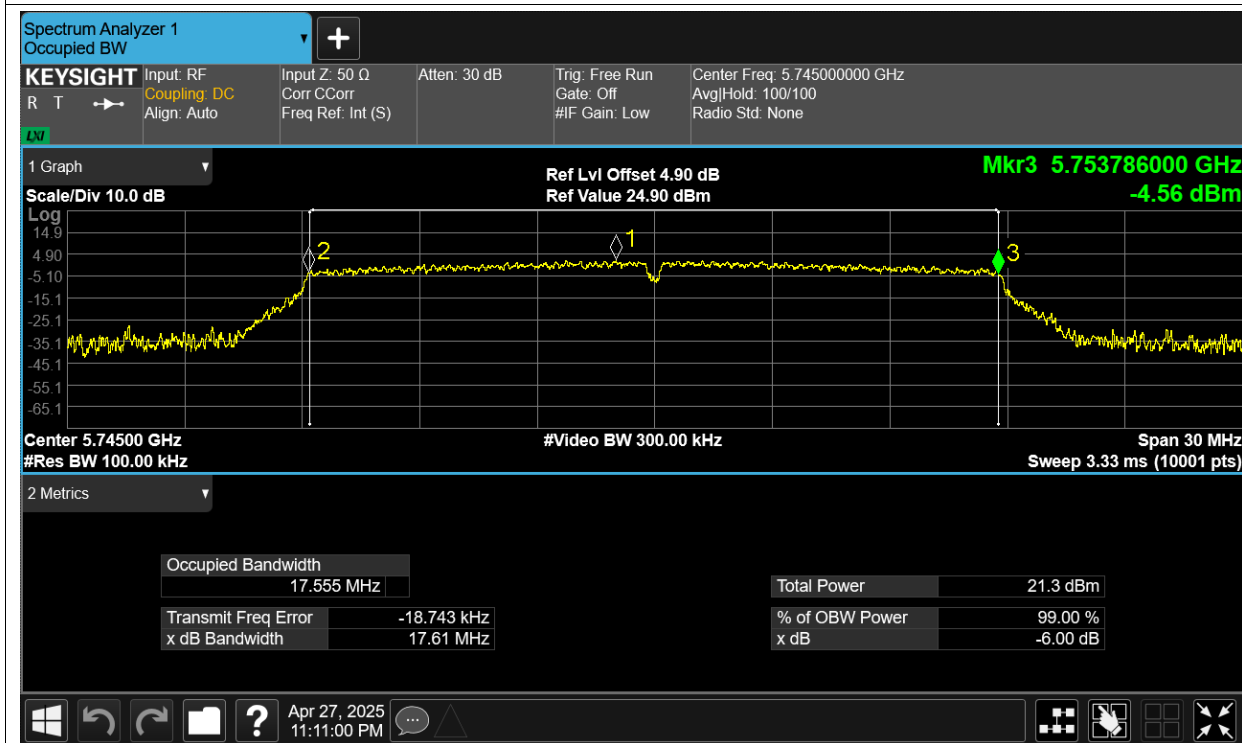
-6dB Bandwidth NVNT a 5785MHz Ant14



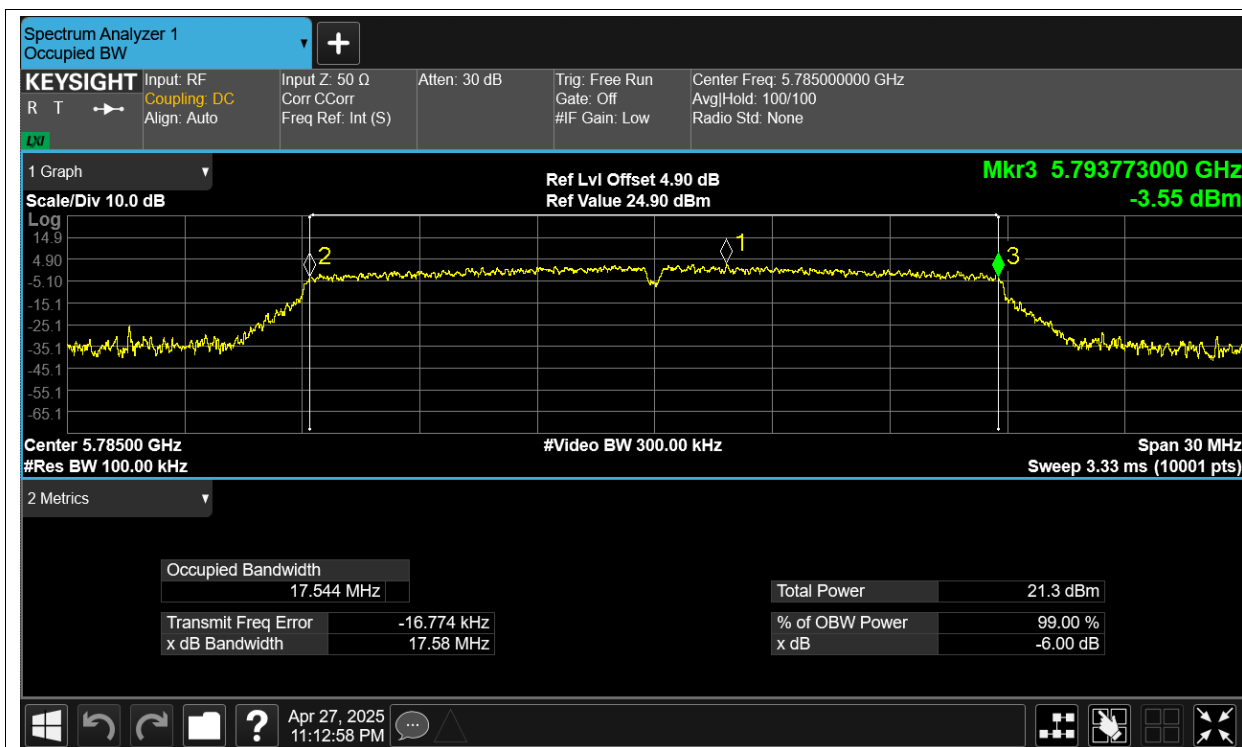
-6dB Bandwidth NVNT a 5825MHz Ant14



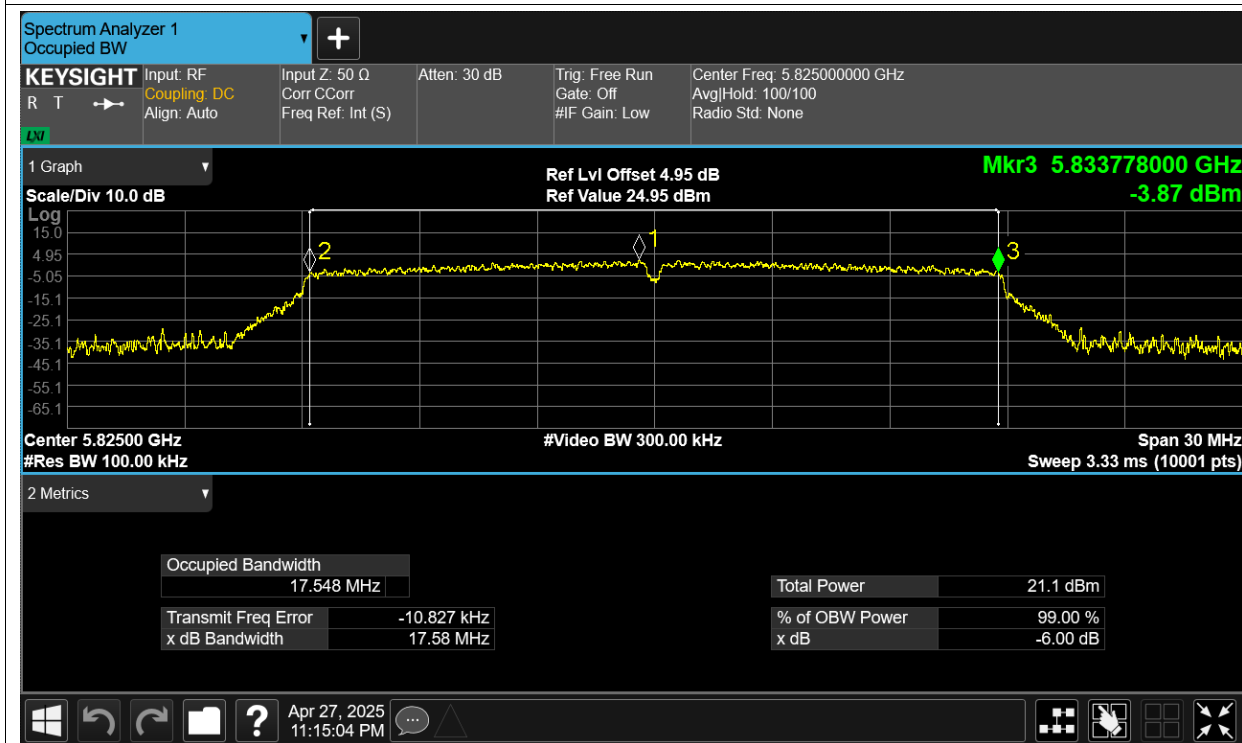
-6dB Bandwidth NVNT ac20 5745MHz Ant14



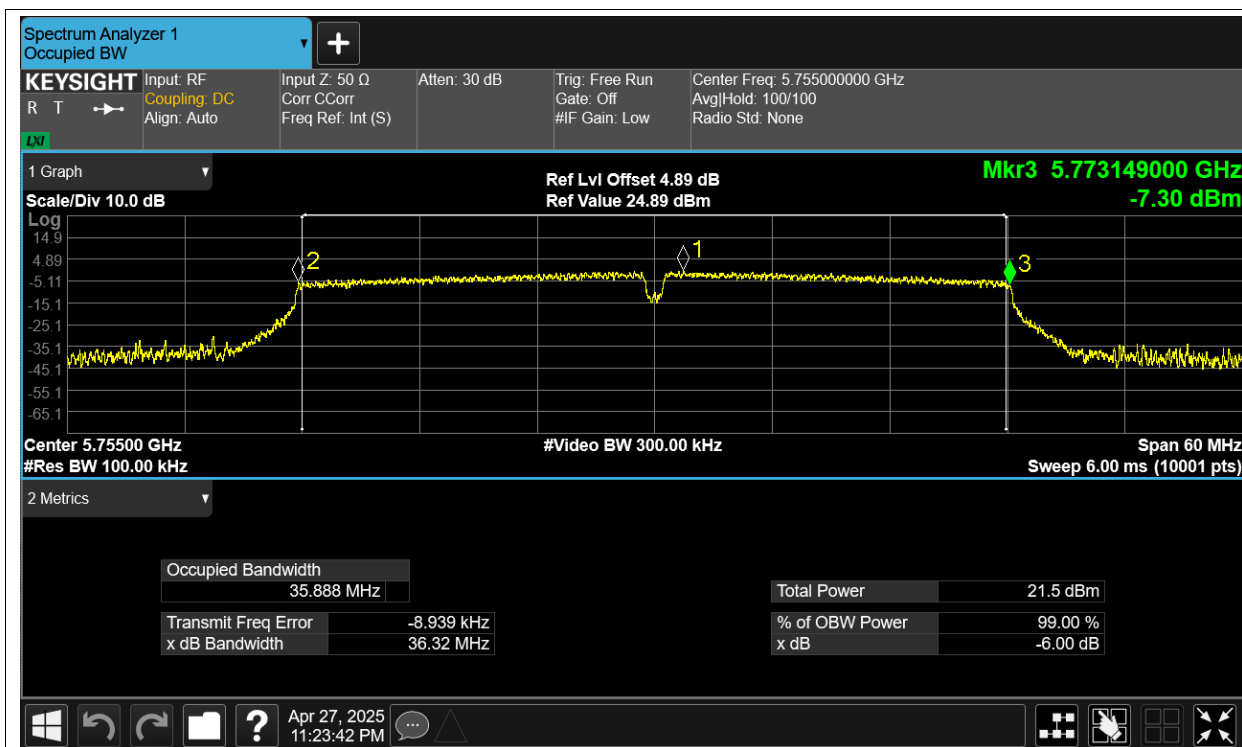
-6dB Bandwidth NVNT ac20 5785MHz Ant14



-6dB Bandwidth NVNT ac20 5825MHz Ant14



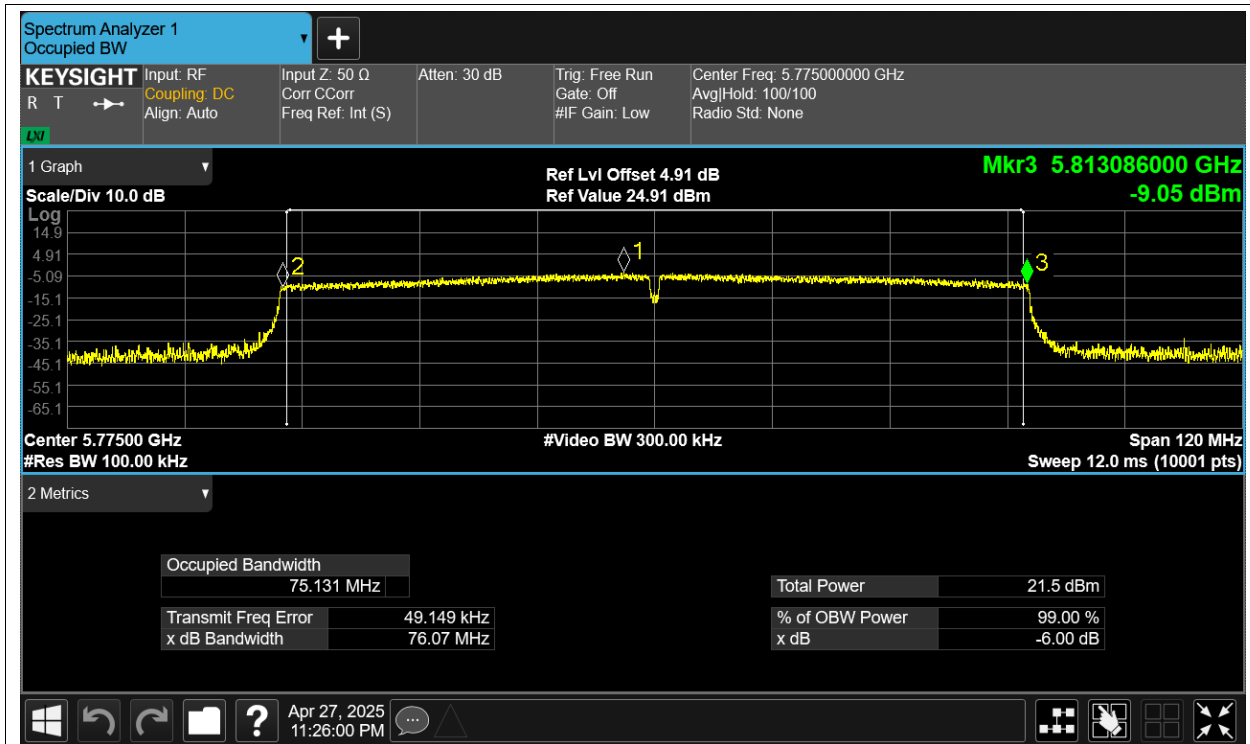
-6dB Bandwidth NVNT ac40 5755MHz Ant14



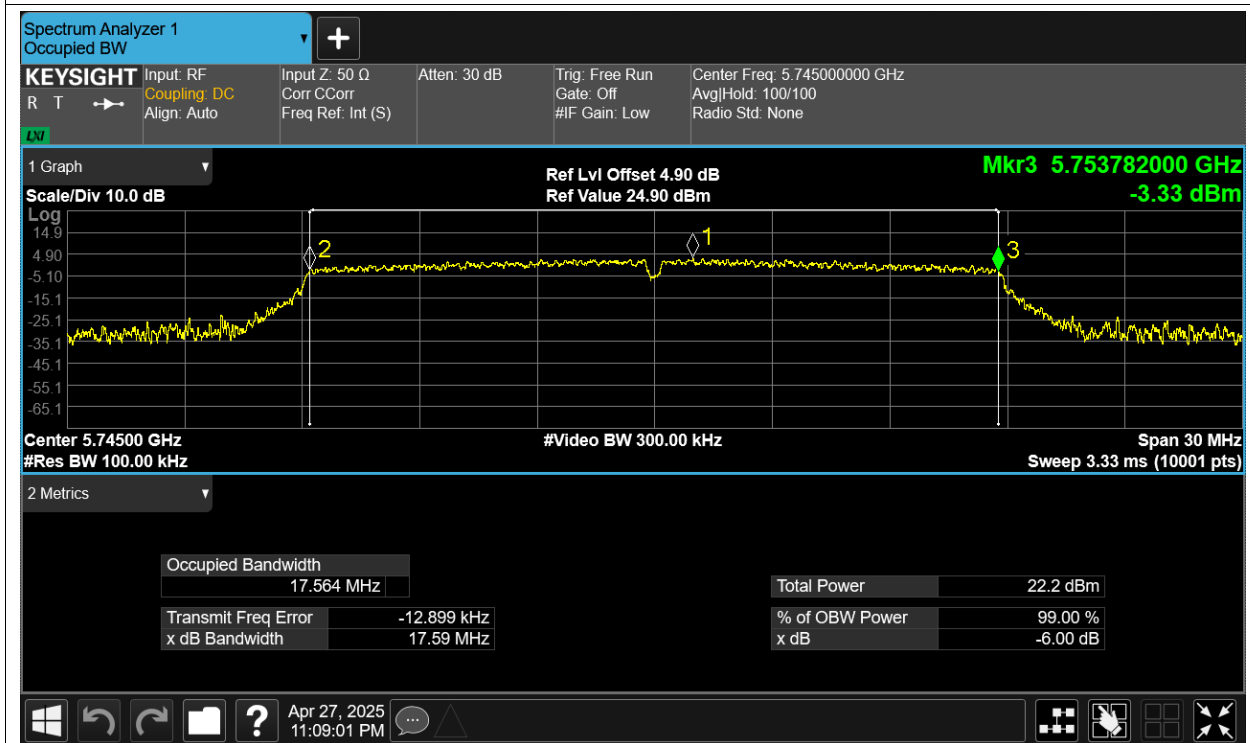
-6dB Bandwidth NVNT ac40 5795MHz Ant14



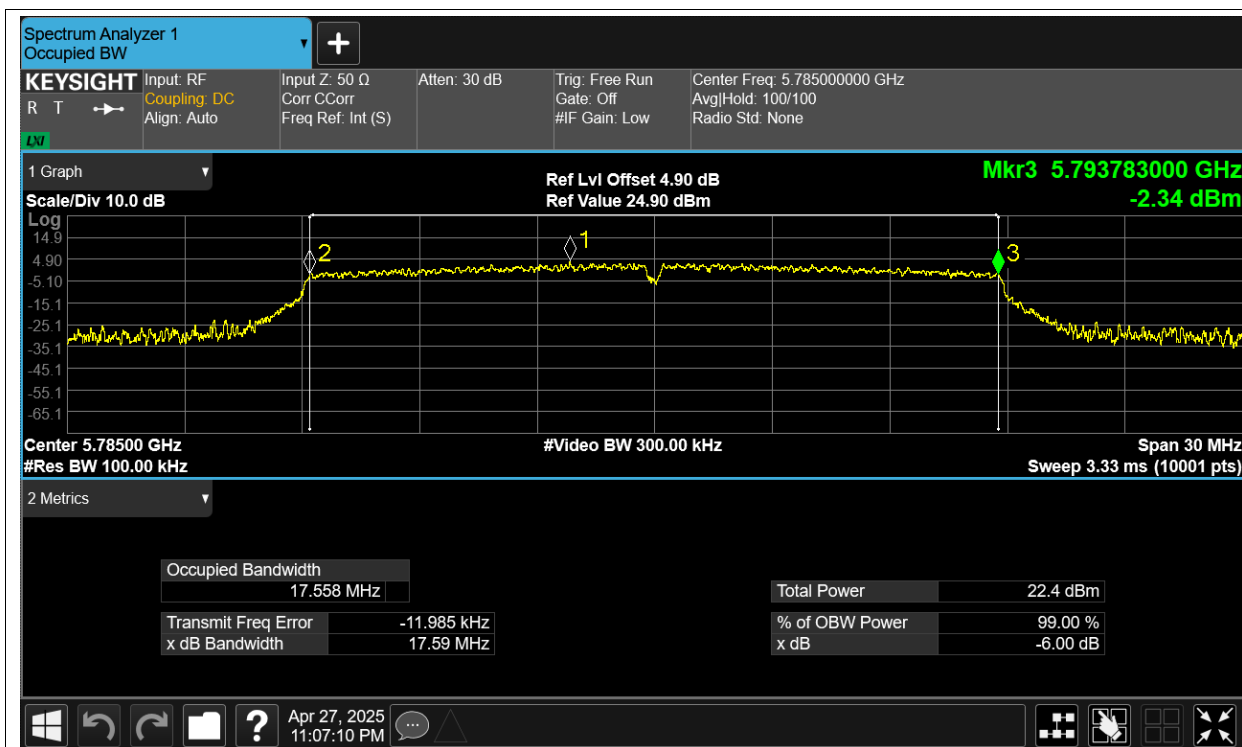
-6dB Bandwidth NVNT ac80 5775MHz Ant14



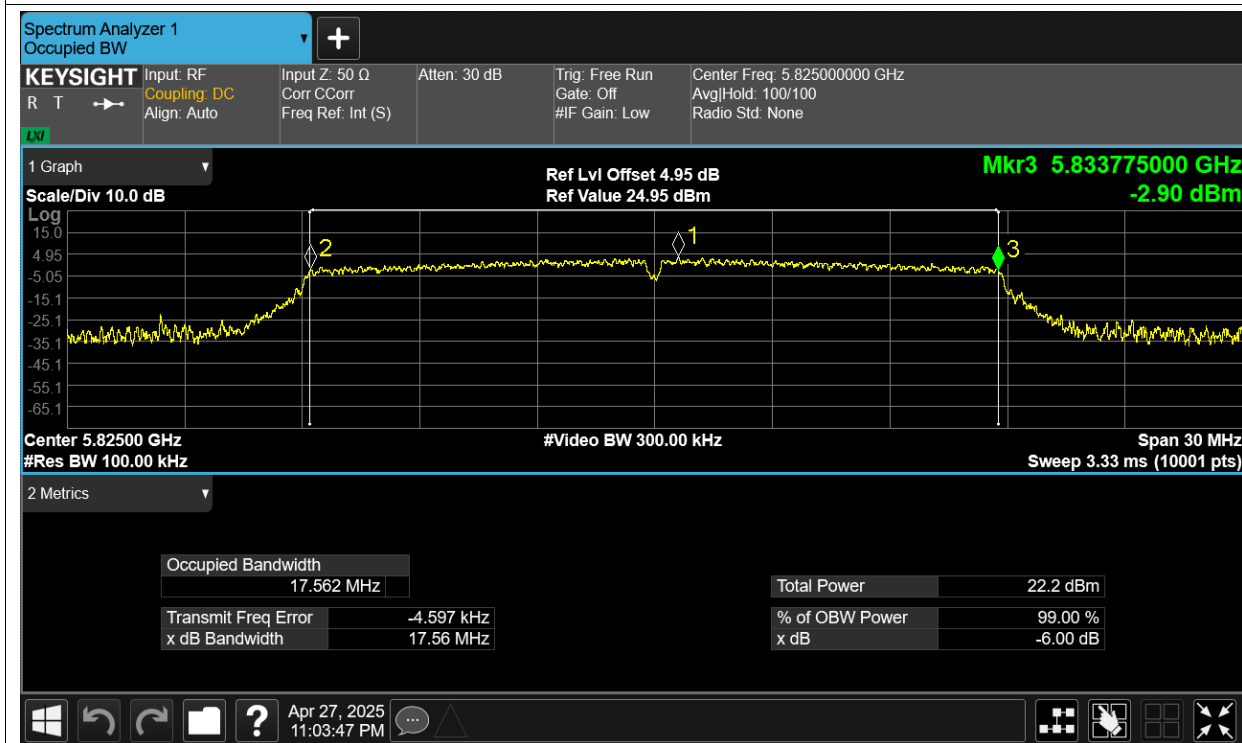
-6dB Bandwidth NVNT n20 5745MHz Ant14



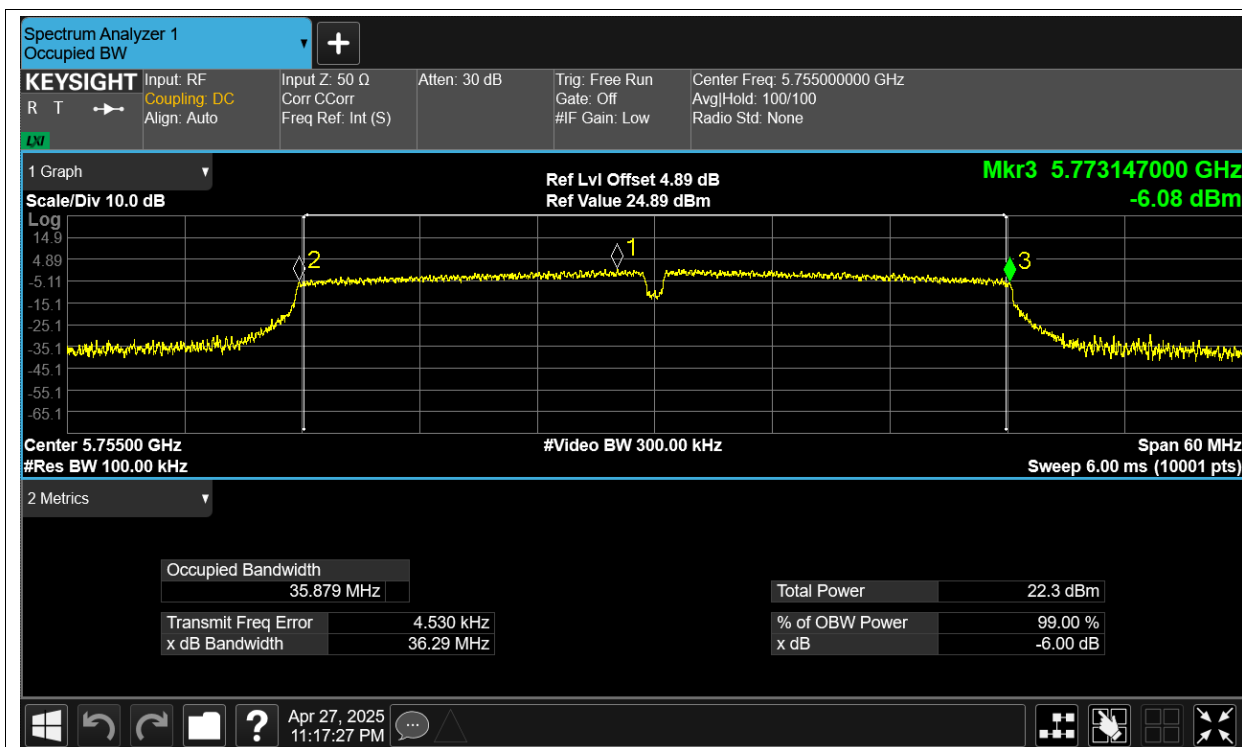
-6dB Bandwidth NVNT n20 5785MHz Ant14



-6dB Bandwidth NVNT n20 5825MHz Ant14



-6dB Bandwidth NVNT n40 5755MHz Ant14



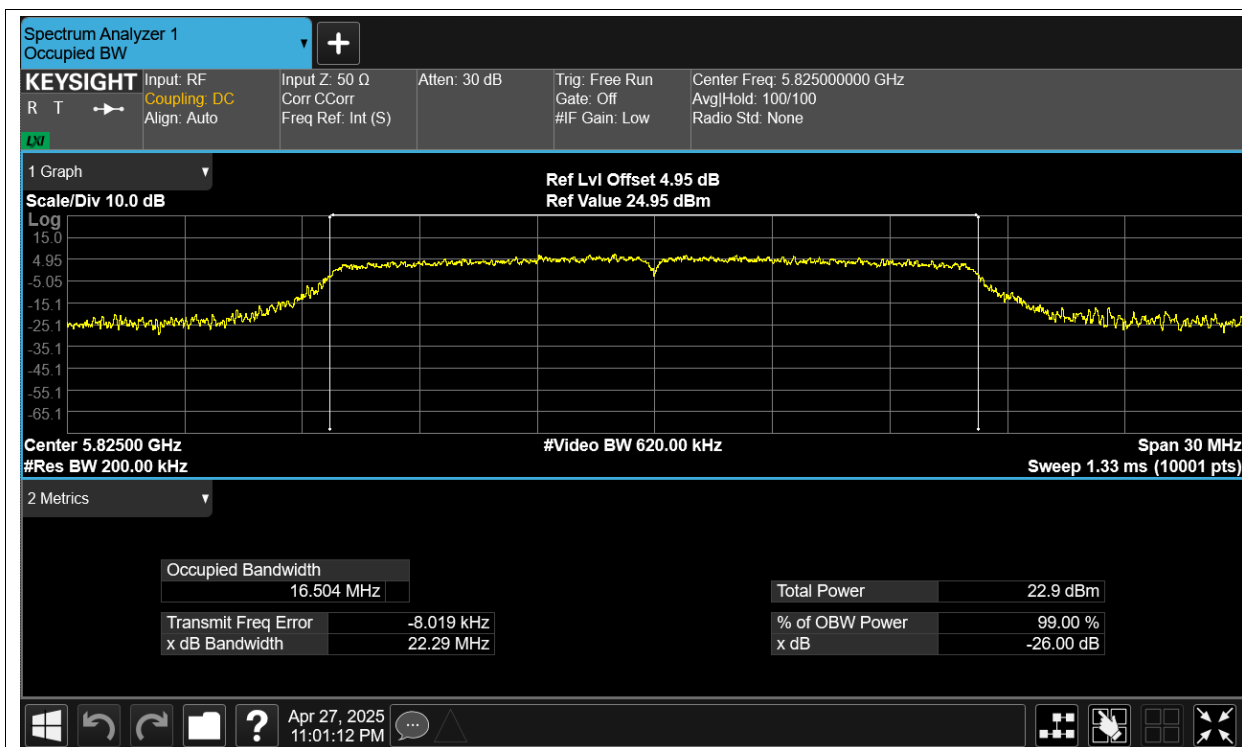
-6dB Bandwidth NVNT n40 5795MHz Ant14



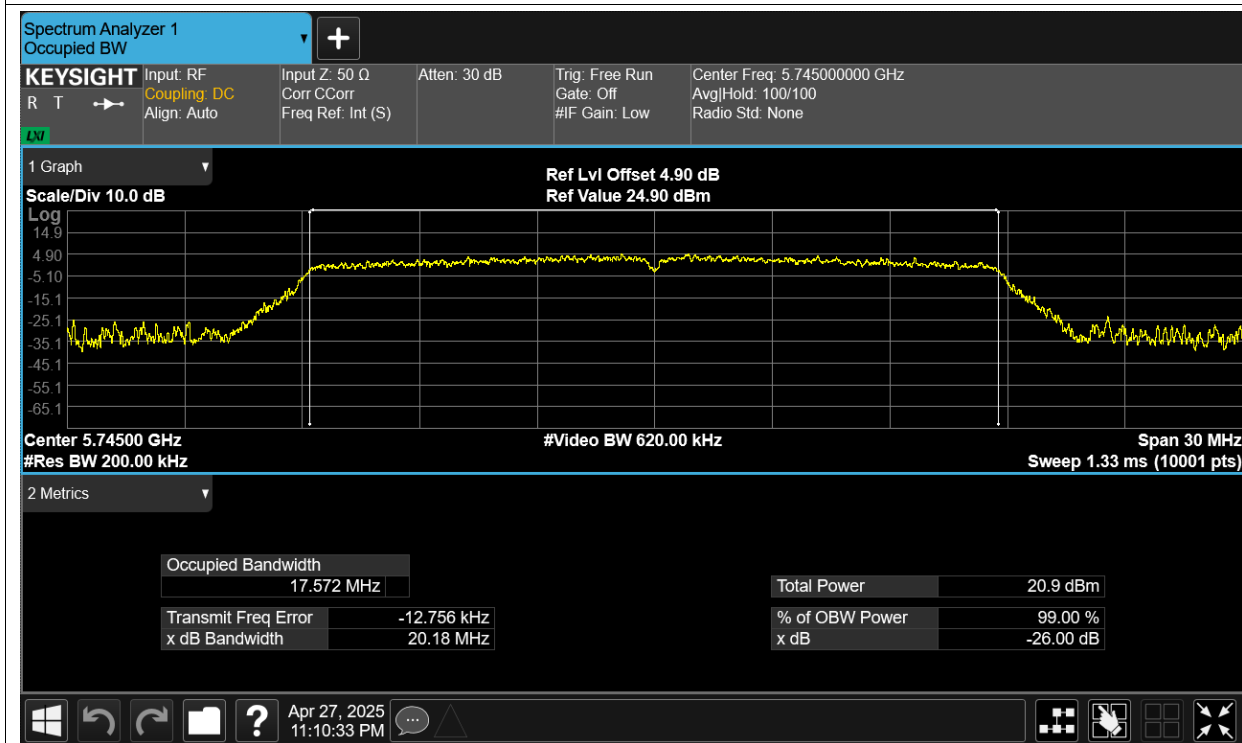
Occupied Channel Bandwidth

Condition	Mode	Frequency (MHz)	Antenna	99% OBW (MHz)
NVNT	a	5745	Ant14	16.497
NVNT	a	5785	Ant14	16.505
NVNT	a	5825	Ant14	16.504
NVNT	ac20	5745	Ant14	17.572
NVNT	ac20	5785	Ant14	17.57
NVNT	ac20	5825	Ant14	17.563
NVNT	ac40	5755	Ant14	35.946
NVNT	ac40	5795	Ant14	35.925
NVNT	ac80	5775	Ant14	75.144
NVNT	n20	5745	Ant14	17.572
NVNT	n20	5785	Ant14	17.588
NVNT	n20	5825	Ant14	17.599
NVNT	n40	5755	Ant14	36.046
NVNT	n40	5795	Ant14	36.003

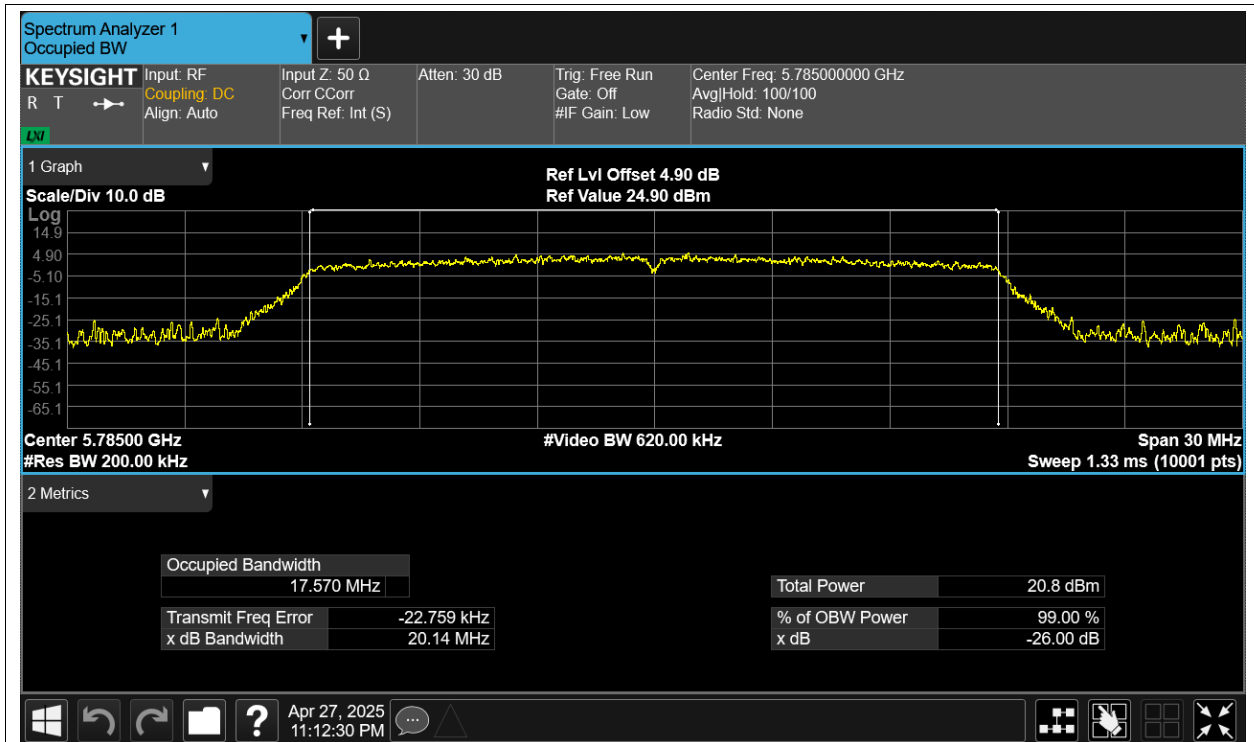




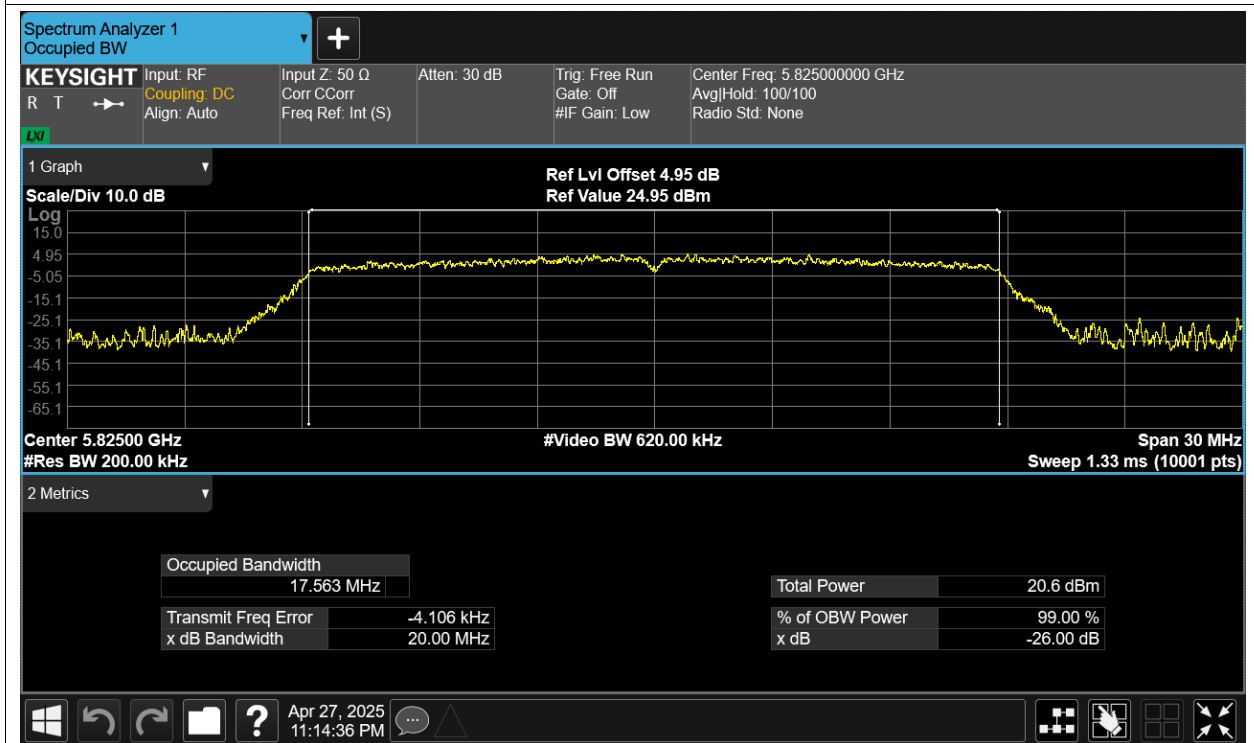
OBW NVNT ac20 5745MHz Ant14



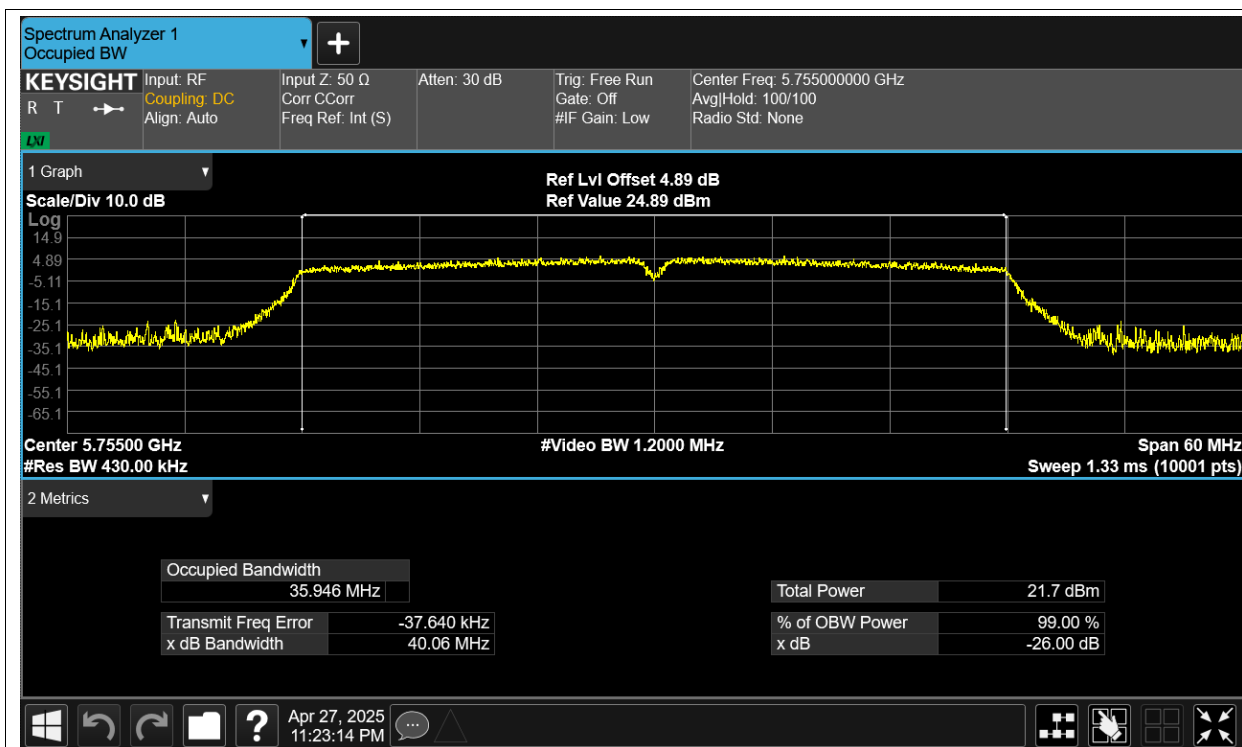
OBW NVNT ac20 5785MHz Ant14



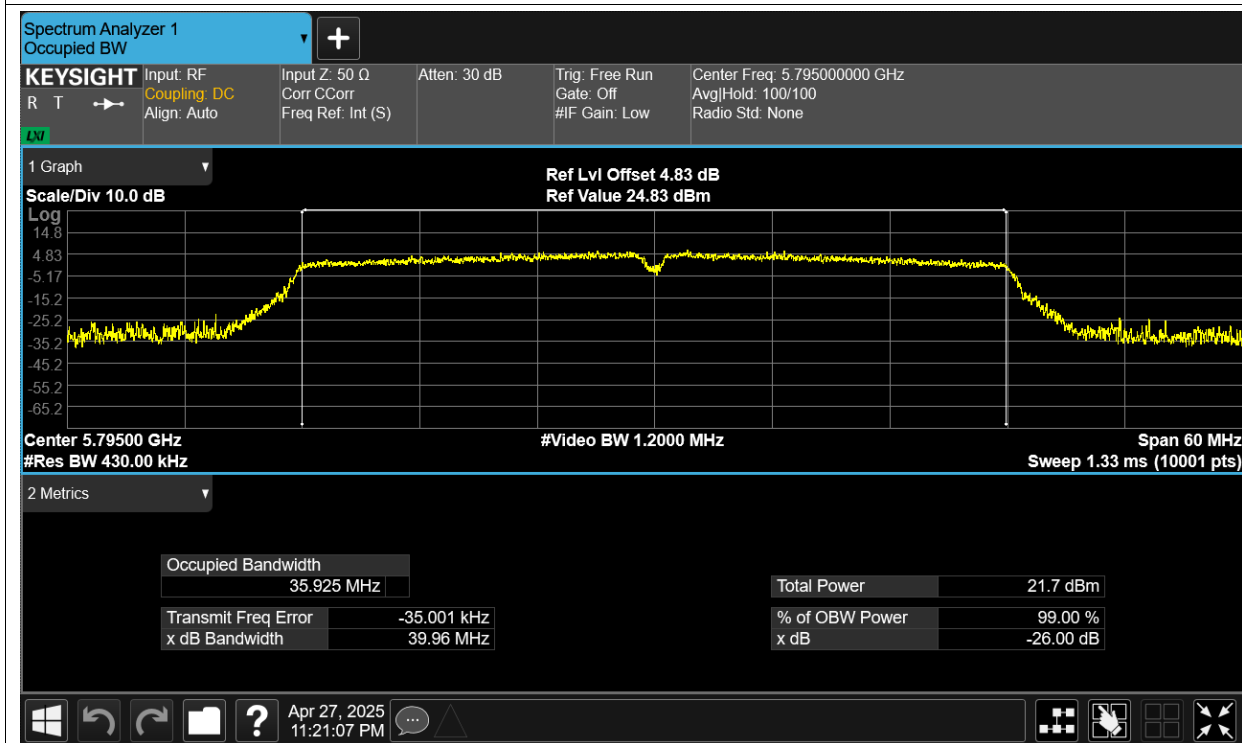
OBW NVNT ac20 5825MHz Ant14



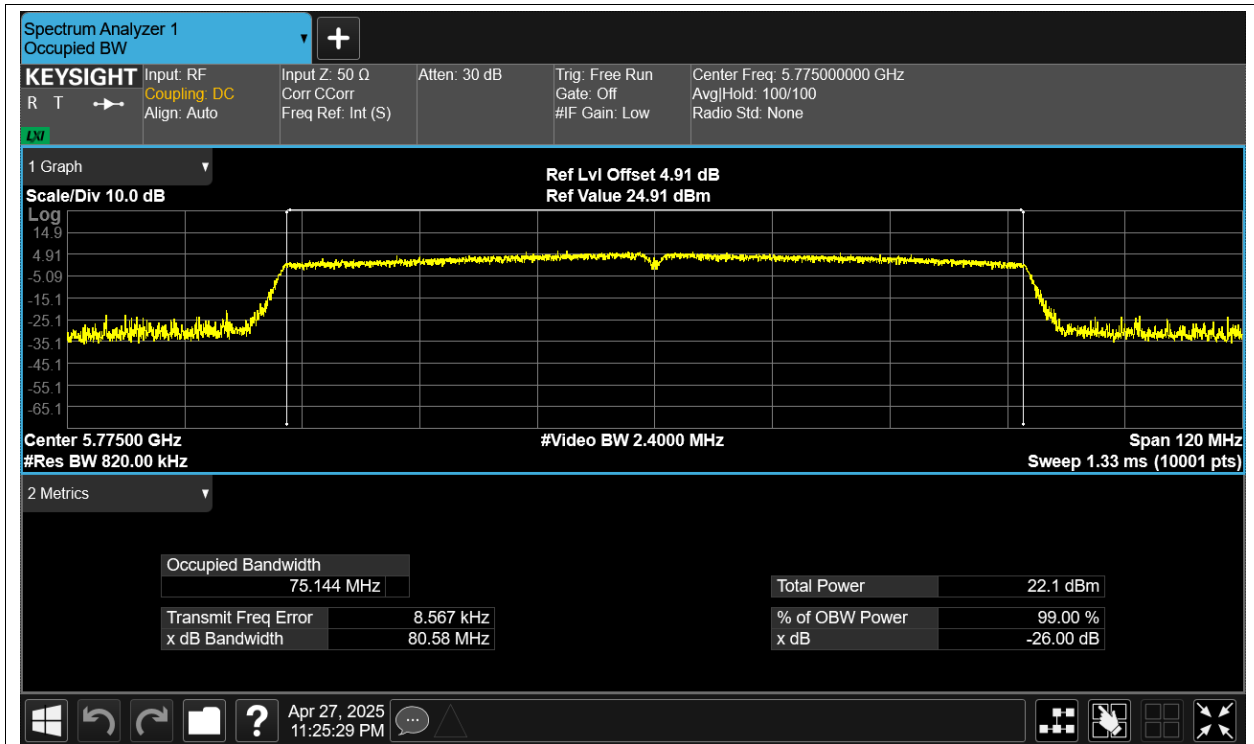
OBW NVNT ac40 5755MHz Ant14



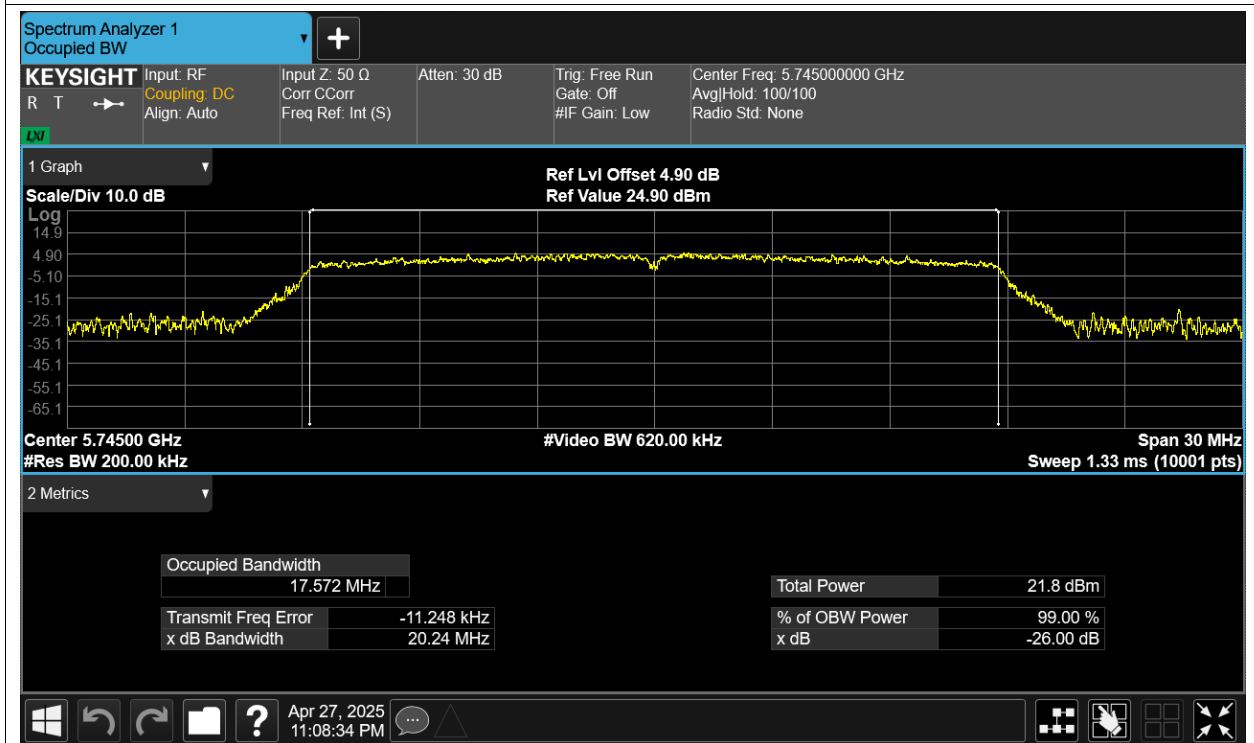
OBW NVNT ac40 5795MHz Ant14



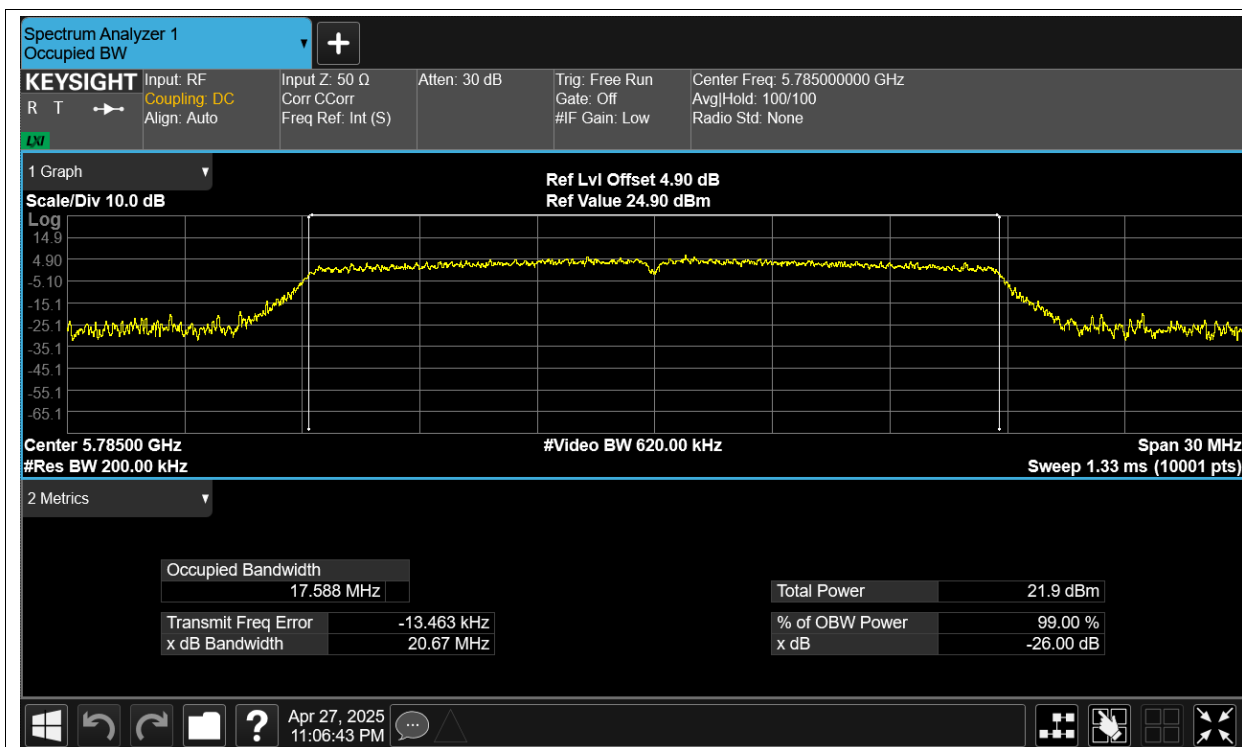
OBW NVNT ac80 5775MHz Ant14



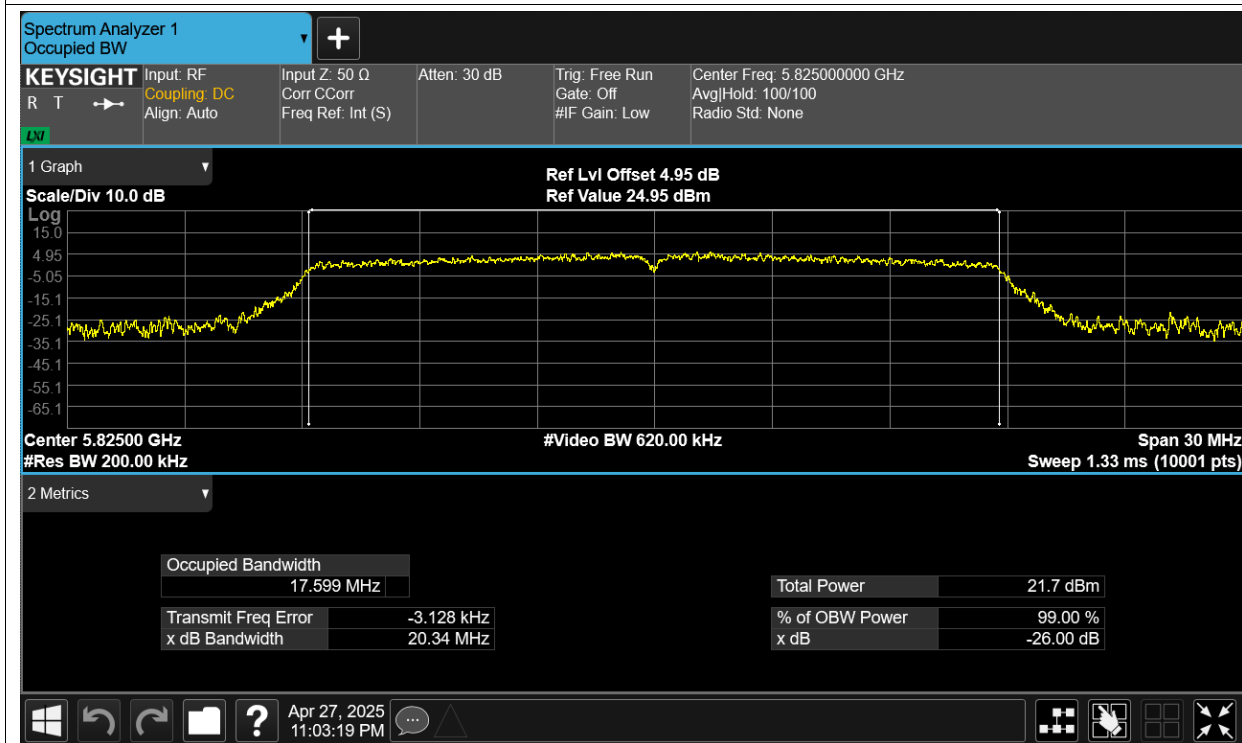
OBW NVNT n20 5745MHz Ant14



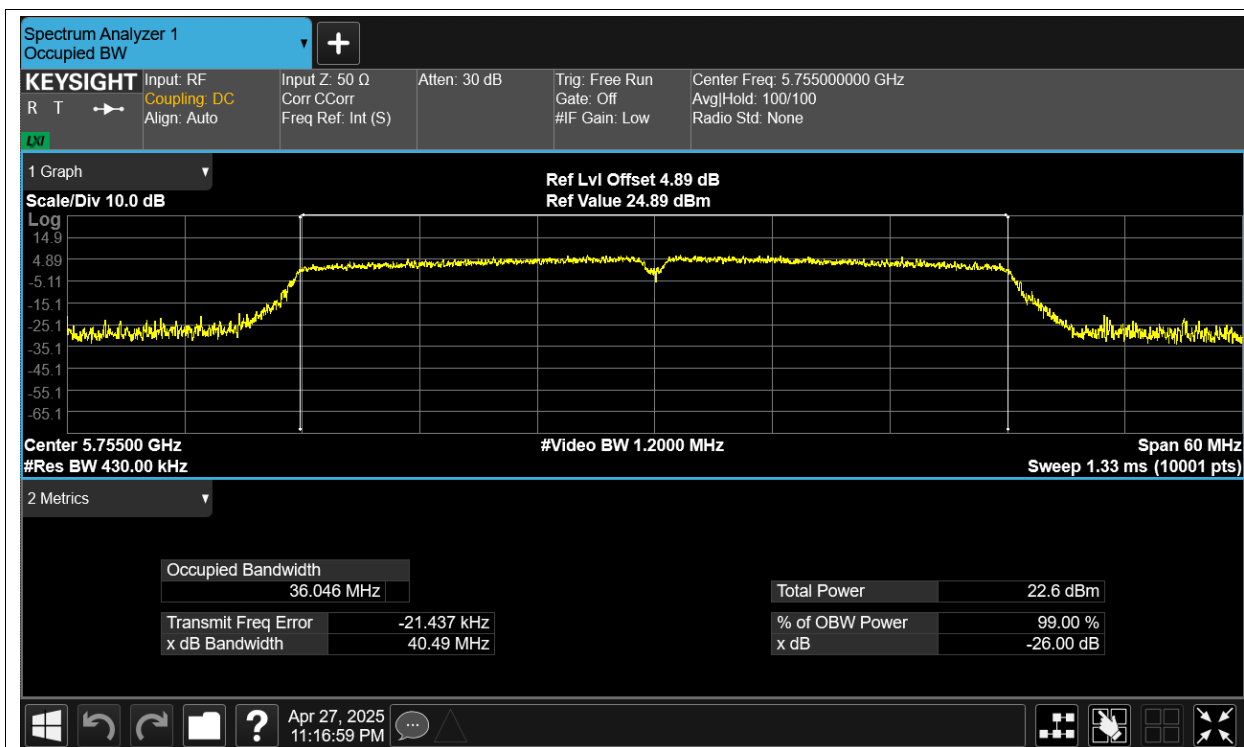
OBW NVNT n20 5785MHz Ant14



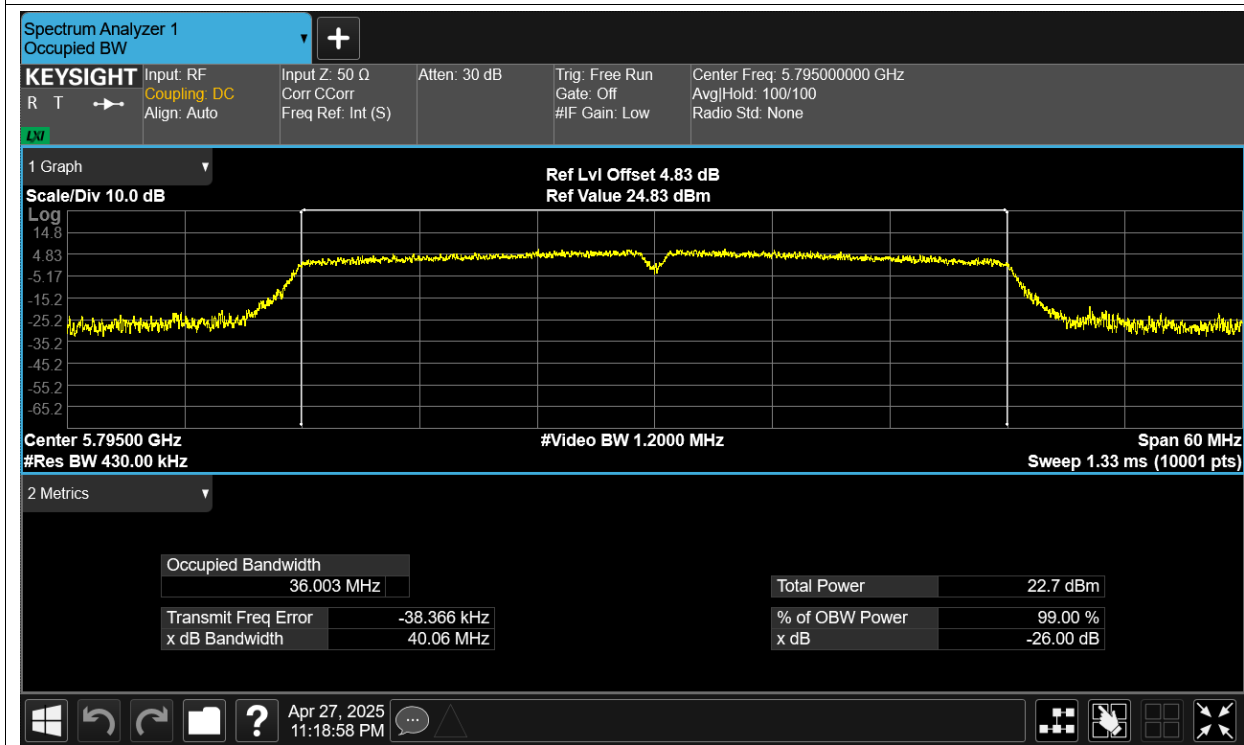
OBW NVNT n20 5825MHz Ant14



OBW NVNT n40 5755MHz Ant14



OBW NVNT n40 5795MHz Ant14

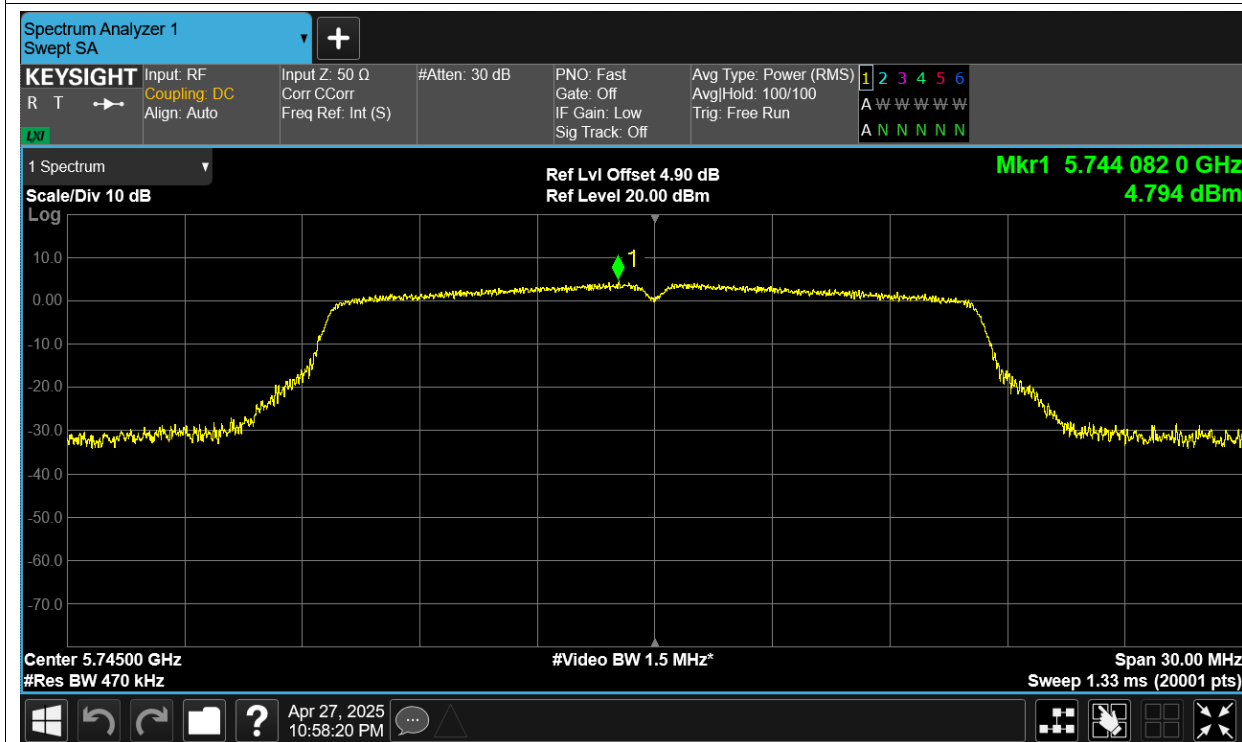


Maximum Power Spectral Density Level

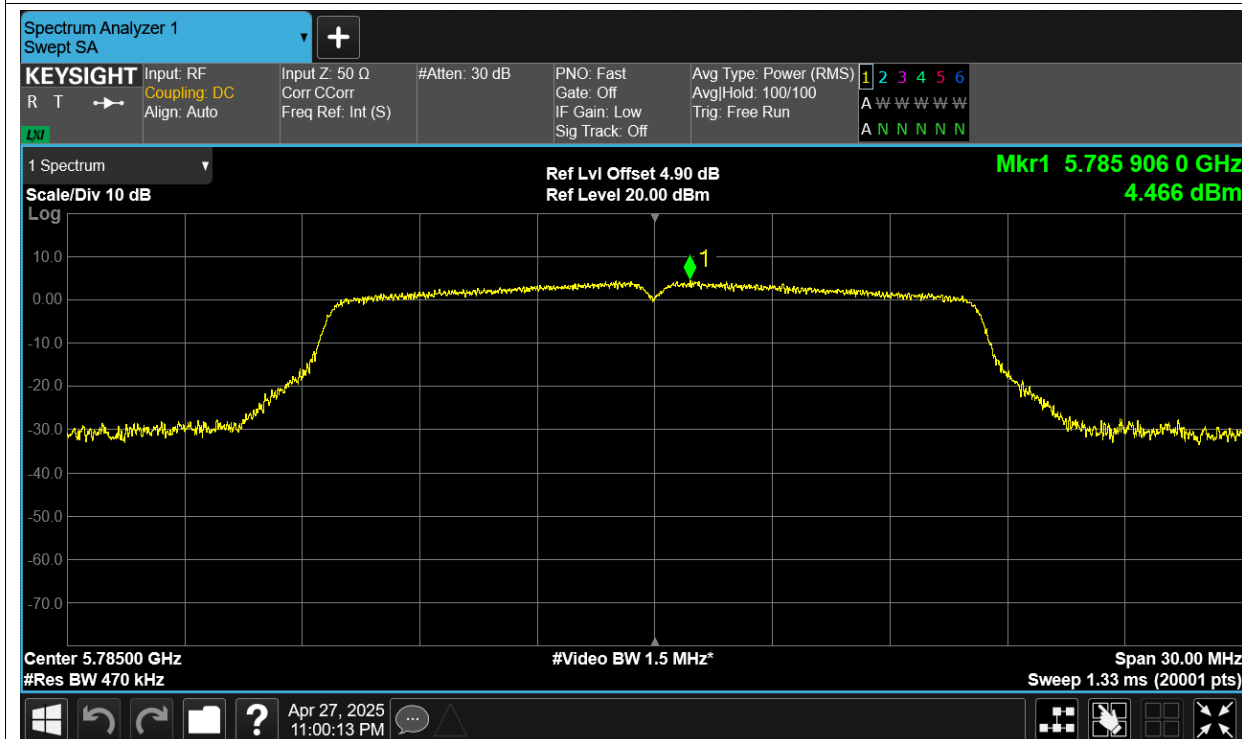
Condition	Mode	Frequency (MHz)	Antenna	Max PSD (dBm)	Limit (dBm)	Verdict
NVNT	a	5745	Ant14	4.794	30	Pass
NVNT	a	5785	Ant14	4.466	30	Pass
NVNT	a	5825	Ant14	4.221	30	Pass
NVNT	ac20	5745	Ant14	2.391	30	Pass
NVNT	ac20	5785	Ant14	2.156	30	Pass
NVNT	ac20	5825	Ant14	2.006	30	Pass
NVNT	ac40	5755	Ant14	0.192	30	Pass
NVNT	ac40	5795	Ant14	0.098	30	Pass
NVNT	ac80	5775	Ant14	-3.457	30	Pass
NVNT	n20	5745	Ant14	3.346	30	Pass
NVNT	n20	5785	Ant14	3.301	30	Pass
NVNT	n20	5825	Ant14	2.988	30	Pass
NVNT	n40	5755	Ant14	1.181	30	Pass
NVNT	n40	5795	Ant14	1.254	30	Pass

Test Graphs

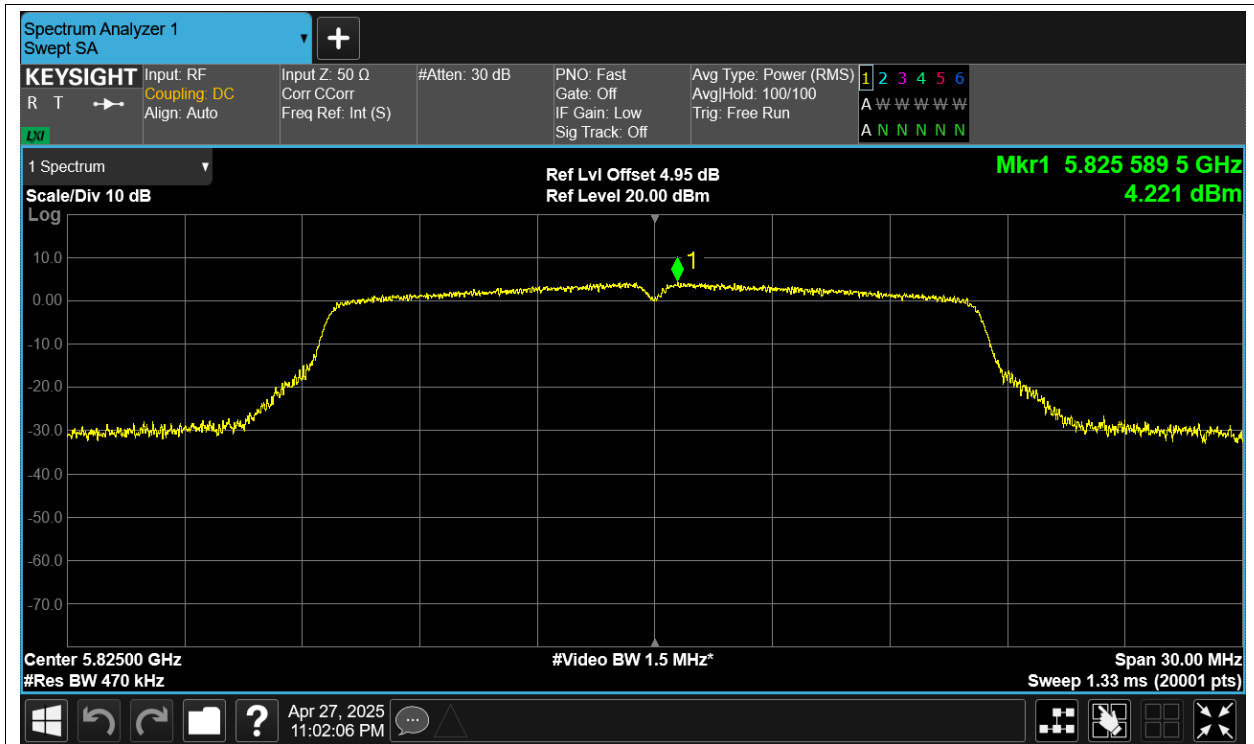
PSD NVNT a 5745MHz Ant14



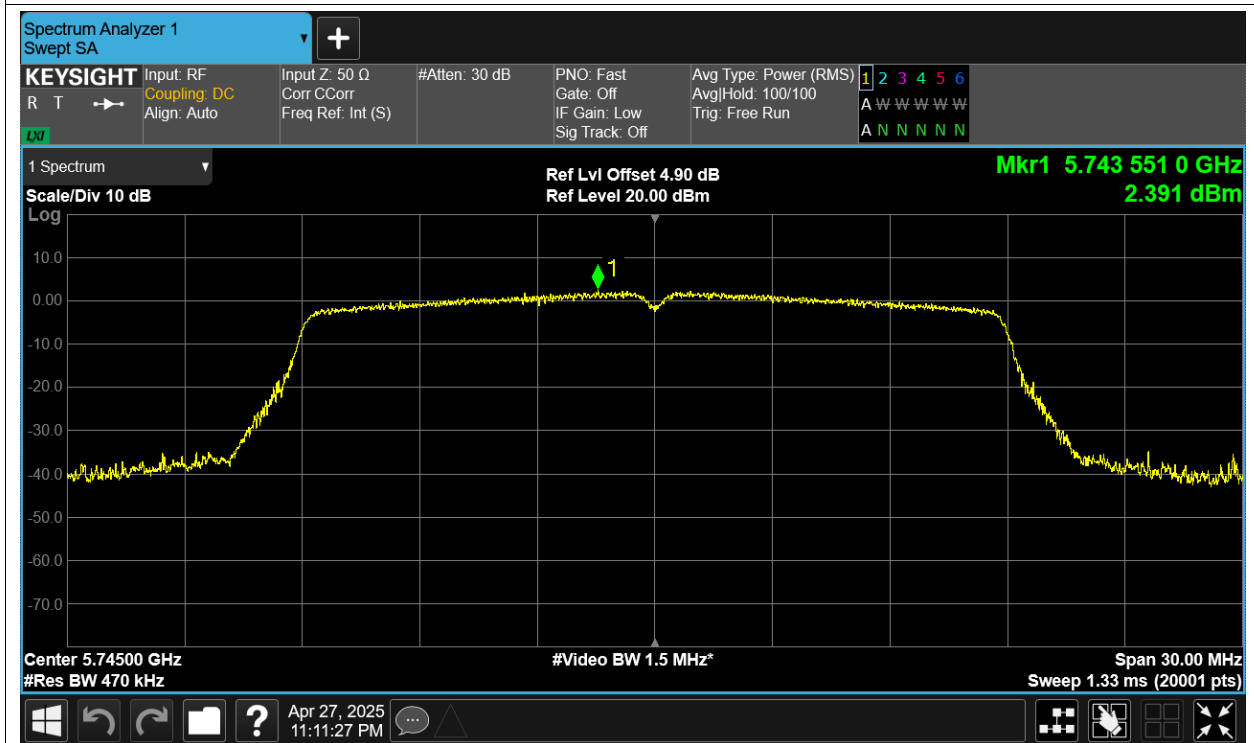
PSD NVNT a 5785MHz Ant14



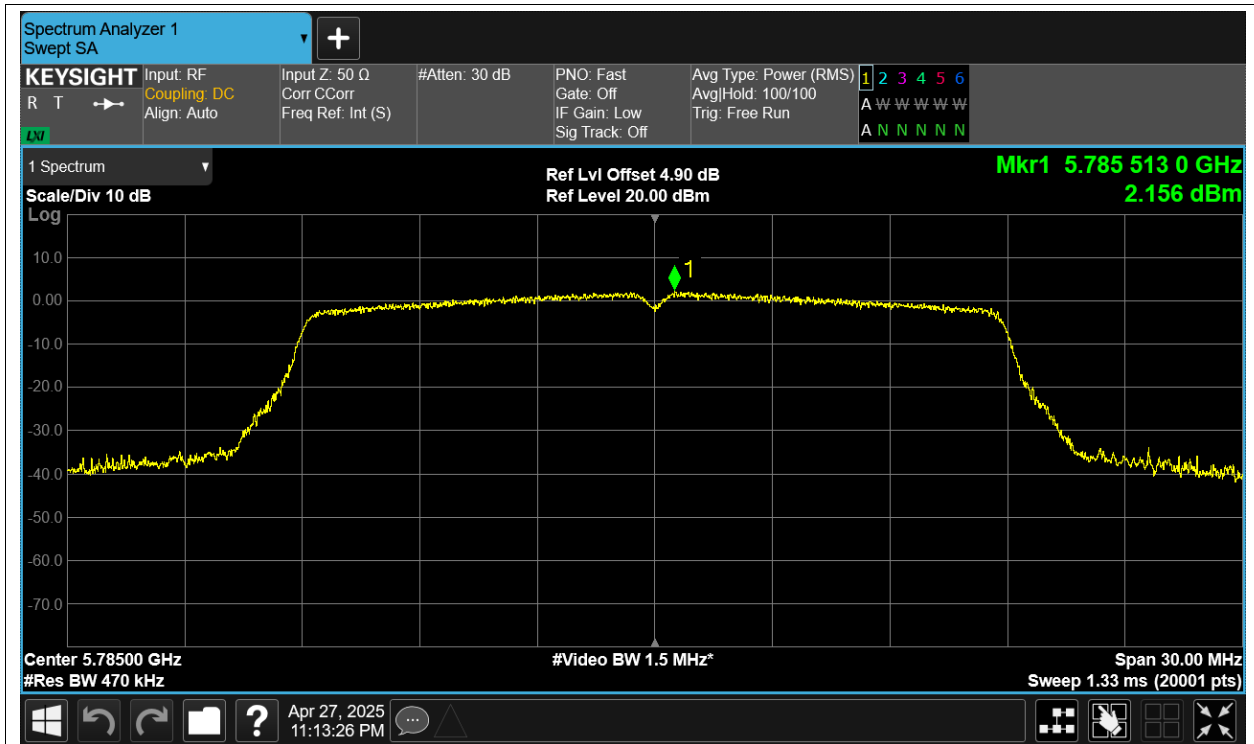
PSD NVNT a 5825MHz Ant14



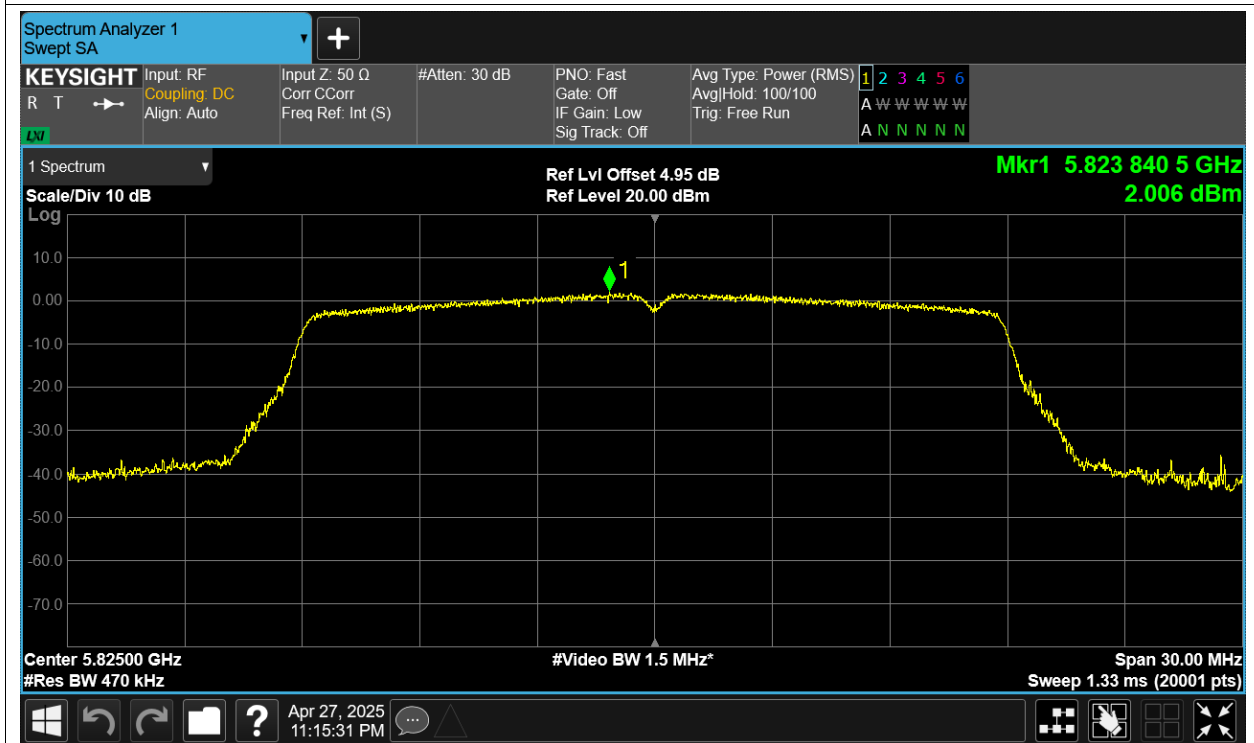
PSD NVNT ac20 5745MHz Ant14



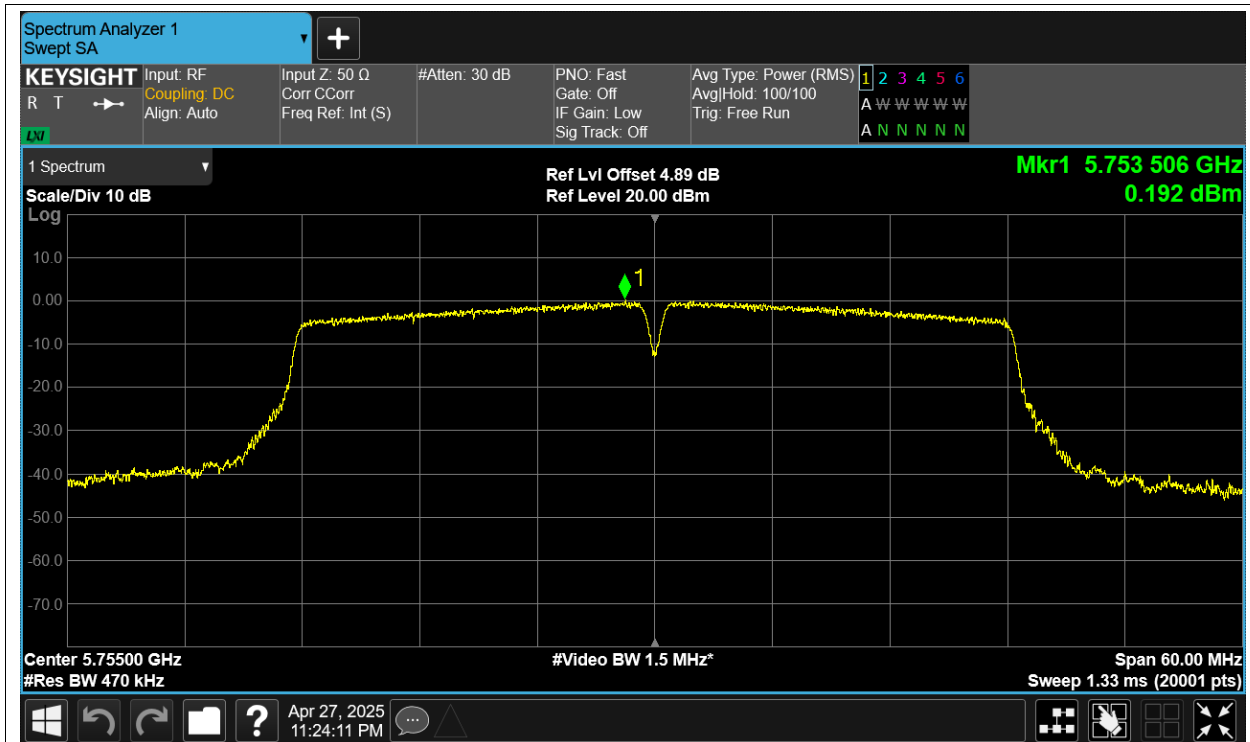
PSD NVNT ac20 5785MHz Ant14



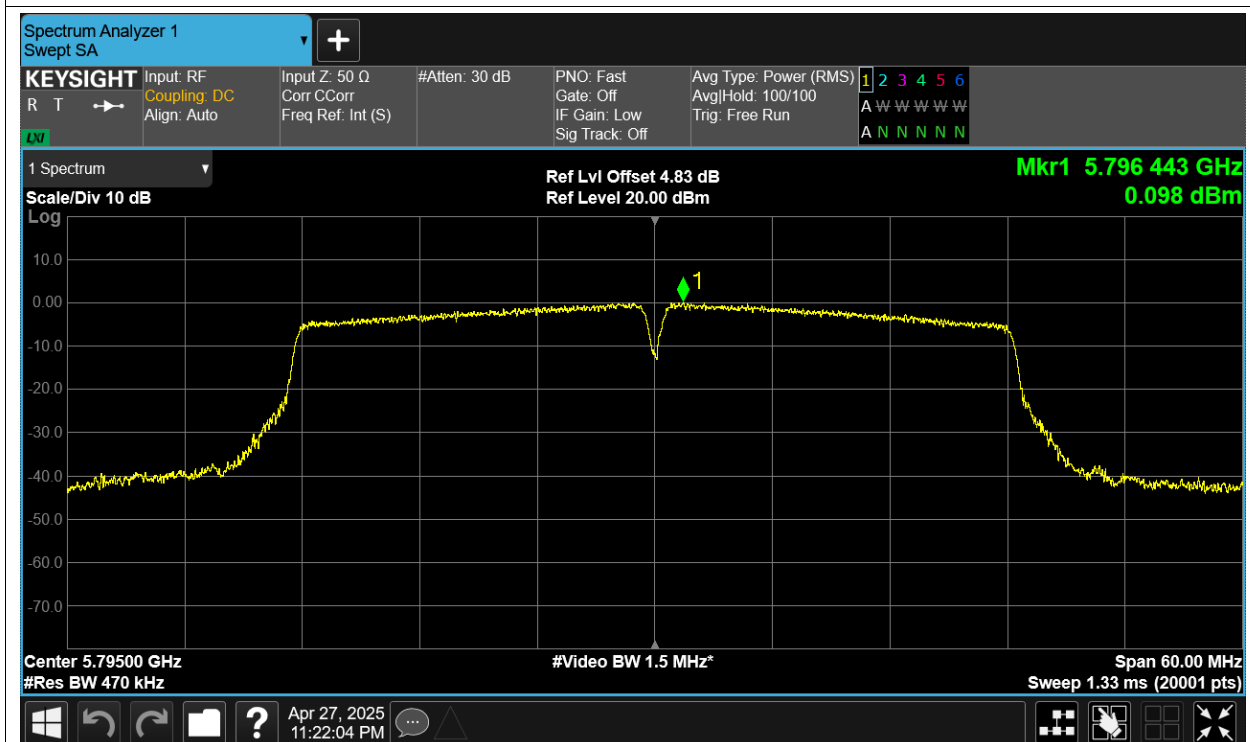
PSD NVNT ac20 5825MHz Ant14



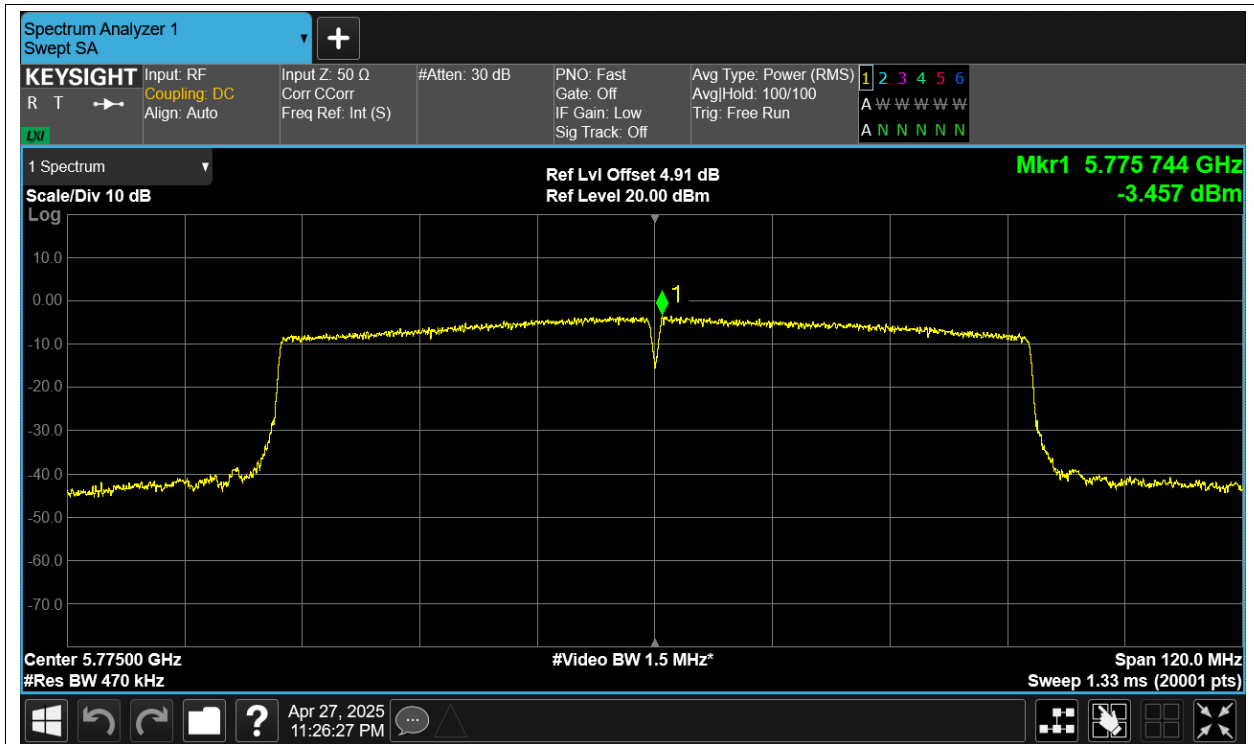
PSD NVNT ac40 5755MHz Ant14



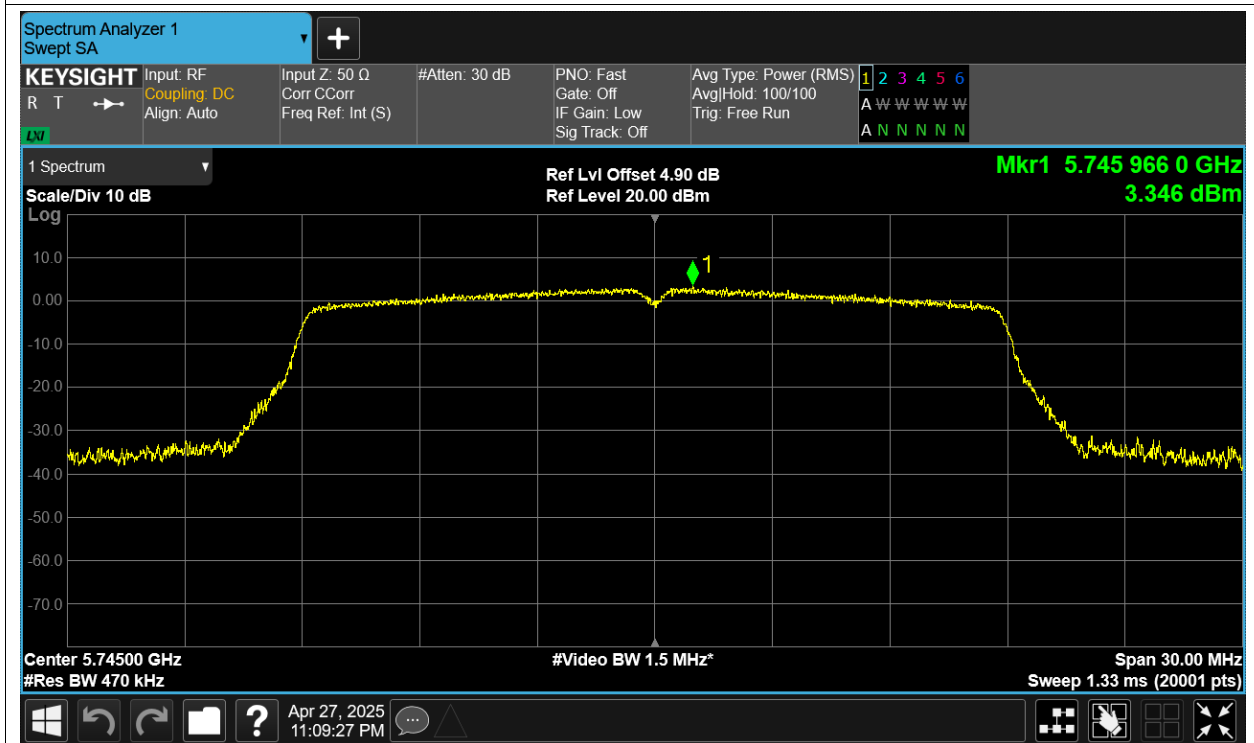
PSD NVNT ac40 5795MHz Ant14



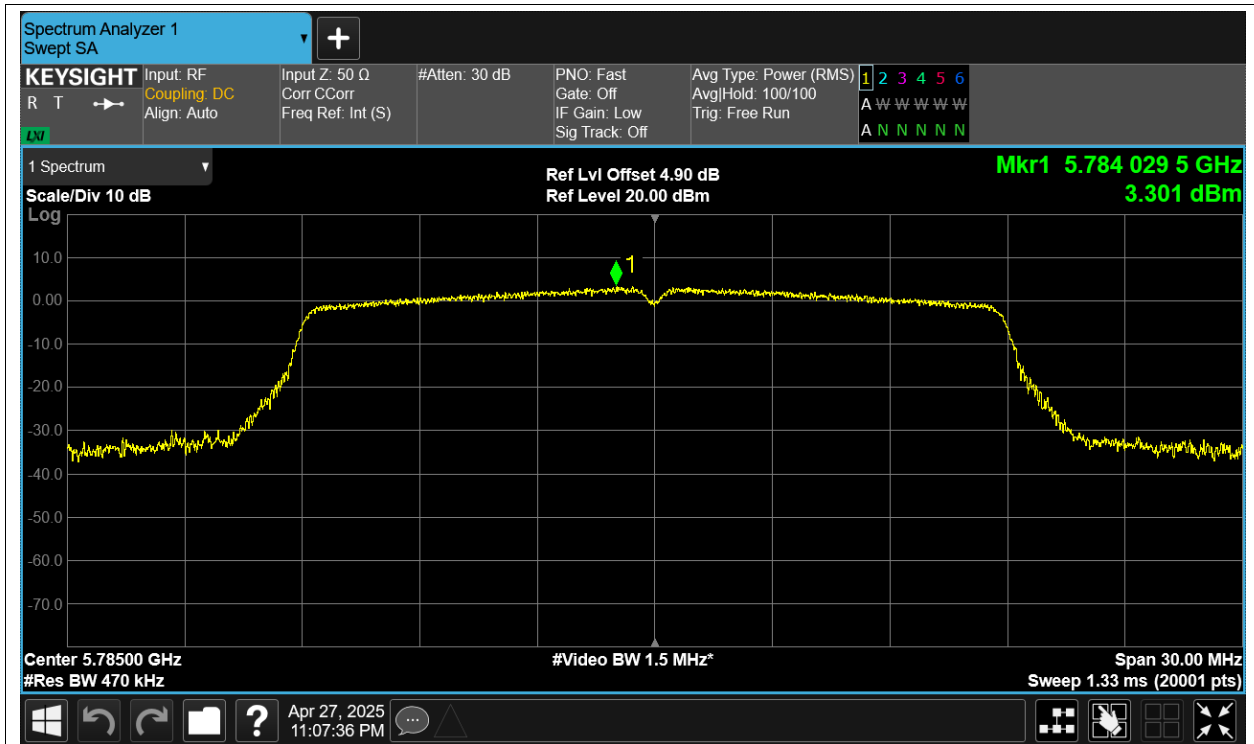
PSD NVNT ac80 5775MHz Ant14



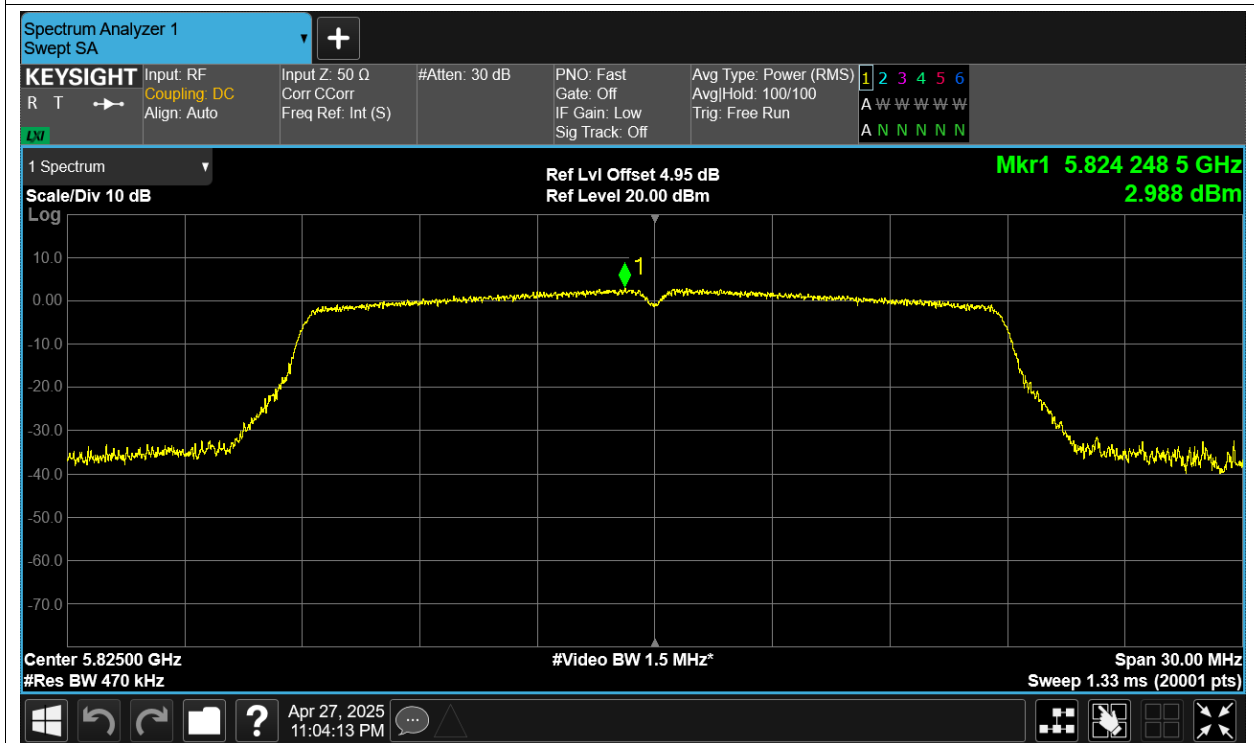
PSD NVNT n20 5745MHz Ant14



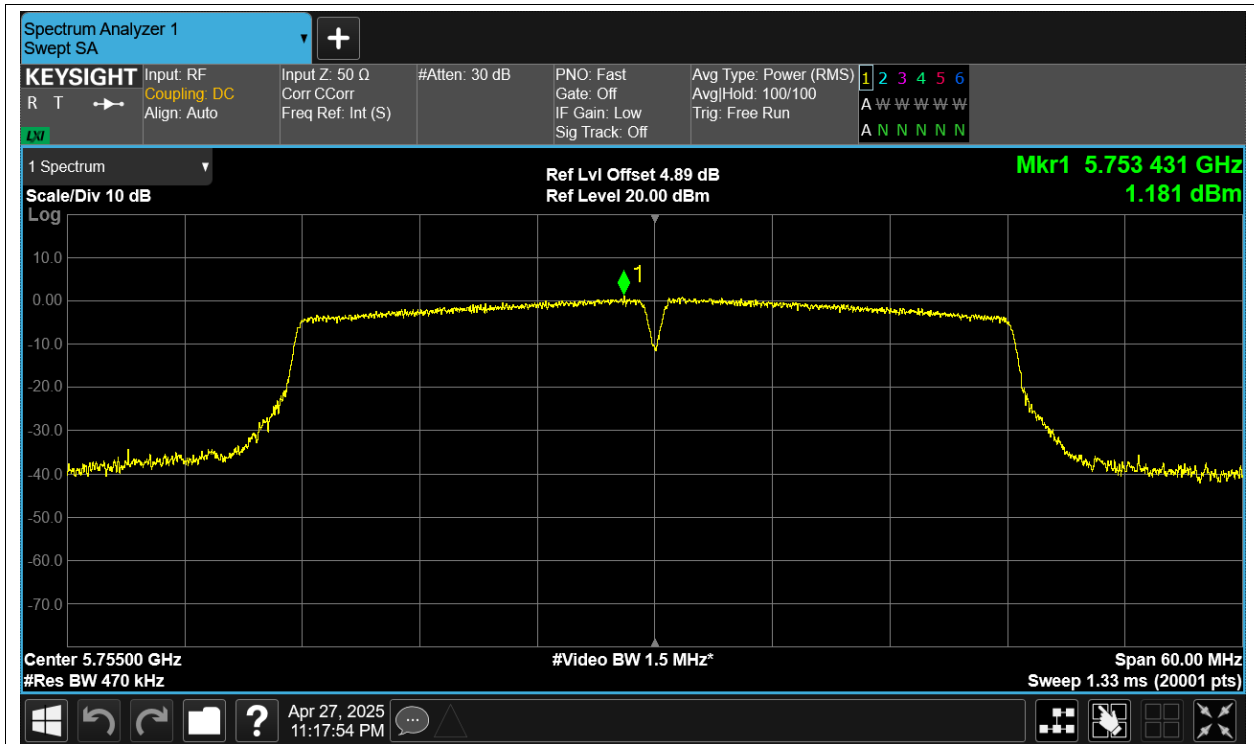
PSD NVNT n20 5785MHz Ant14



PSD NVNT n20 5825MHz Ant14



PSD NVNT n40 5755MHz Ant14



PSD NVNT n40 5795MHz Ant14

