

Test Data

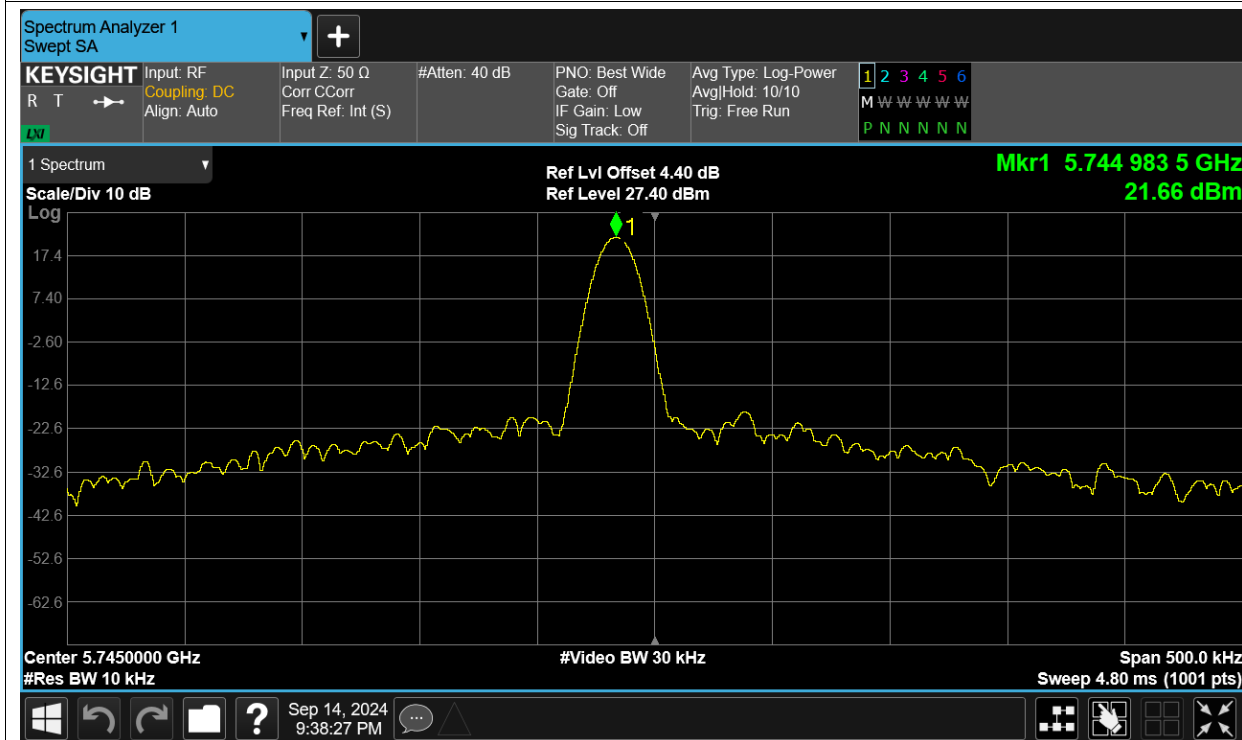
Frequency Stability

Condition	Mode	Frequency (MHz)	Antenna	Measured Frequency (MHz)	Deviation (ppm)	Limit (ppm)	Verdict
HVNT	a	5745	Ant0	5744.9835	-2.87	Within authorized band	Pass
LVNT	a	5745	Ant0	5744.984	-2.79		Pass
NVHT	a	5745	Ant0	5744.984	-2.79		Pass
NVLT	a	5745	Ant0	5744.984	-2.79		Pass
NVNT	a	5745	Ant0	5744.9845	-2.7		Pass
HVNT	ac80	5775	Ant0	5774.9835	-2.86		Pass
LVNT	ac80	5775	Ant0	5774.984	-2.77		Pass
NVHT	ac80	5775	Ant0	5774.9845	-2.68		Pass
NVLT	ac80	5775	Ant0	5774.9845	-2.68		Pass
NVNT	ac80	5775	Ant0	5774.985	-2.6		Pass
HVNT	n40	5755	Ant0	5754.9835	-2.87		Pass
LVNT	n40	5755	Ant0	5754.9835	-2.87		Pass
NVHT	n40	5755	Ant0	5754.9835	-2.87		Pass
NVLT	n40	5755	Ant0	5754.9835	-2.87		Pass
NVNT	n40	5755	Ant0	5754.984	-2.78		Pass

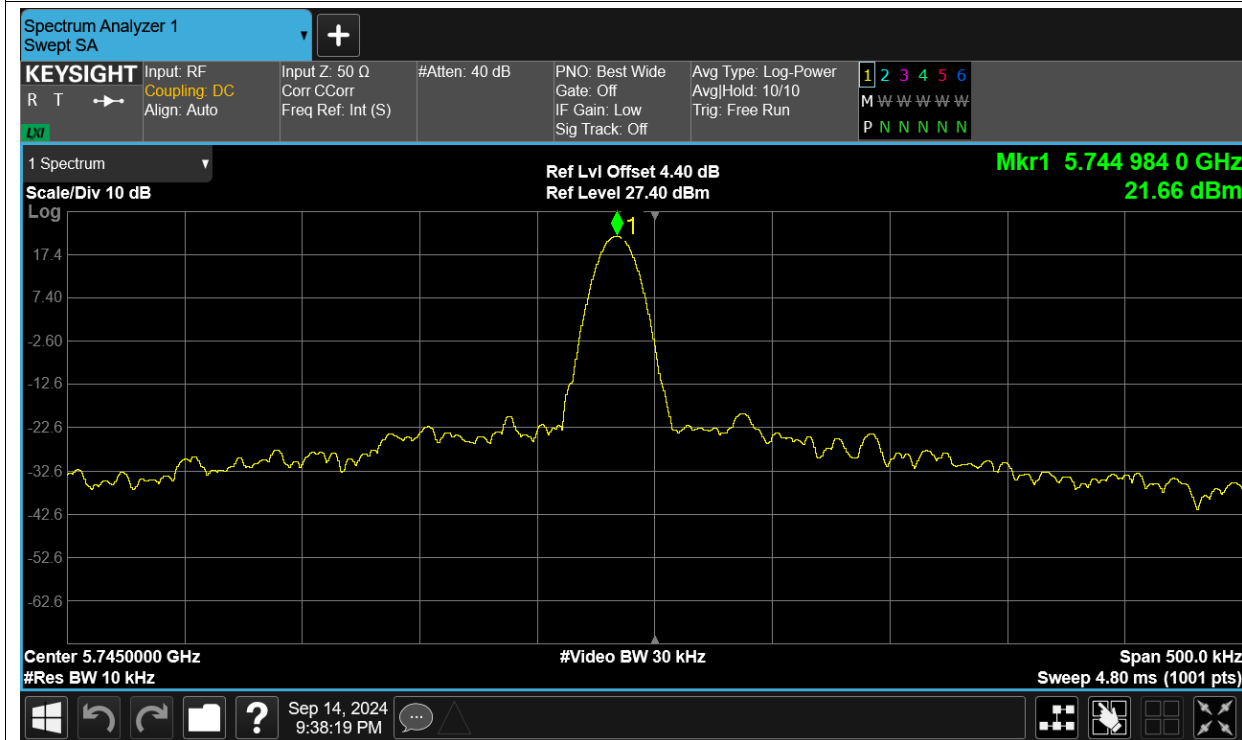
Remark: "NTNV" means Normal Temperature Normal Voltage, "NVHT" means Normal Voltage High Temperature, "NVLT" means Normal Voltage Low Temperature, "LVNT" means Low Voltage Normal Temperature, "HVNT" means High Voltage Normal Temperature.

Test Graphs

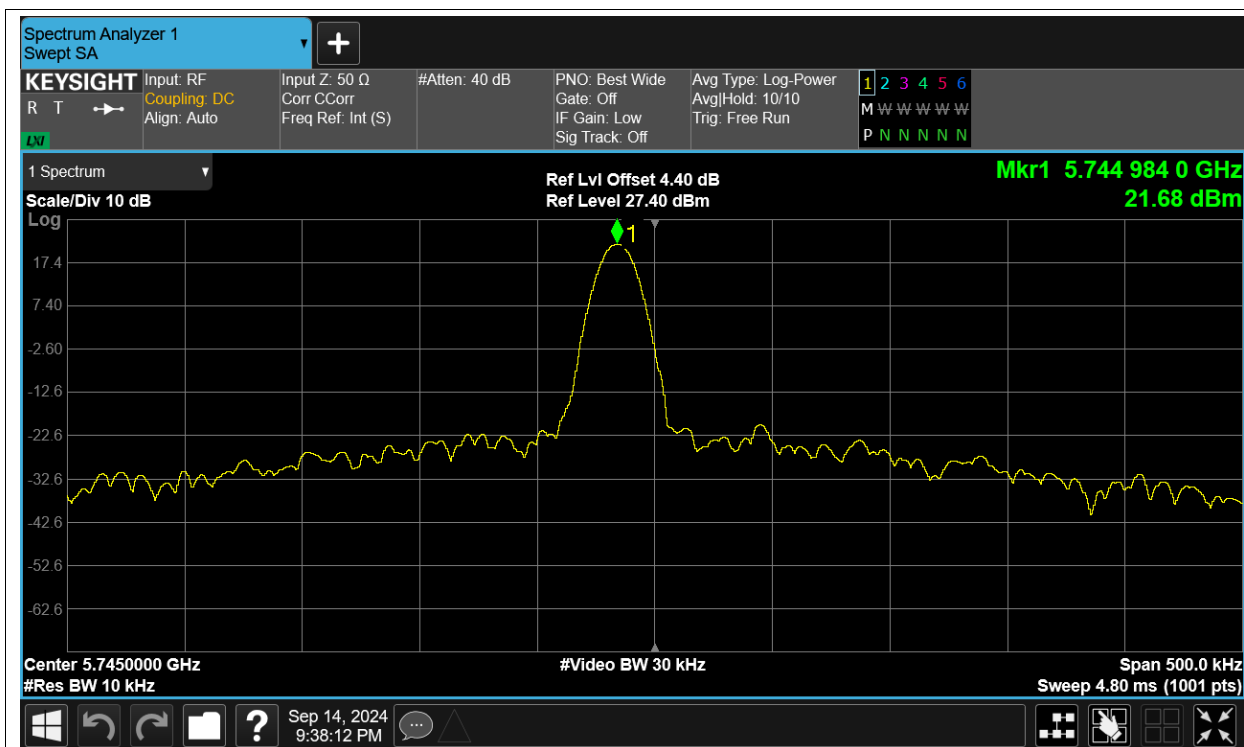
Freq. Stability HVNT a 5745MHz Ant0



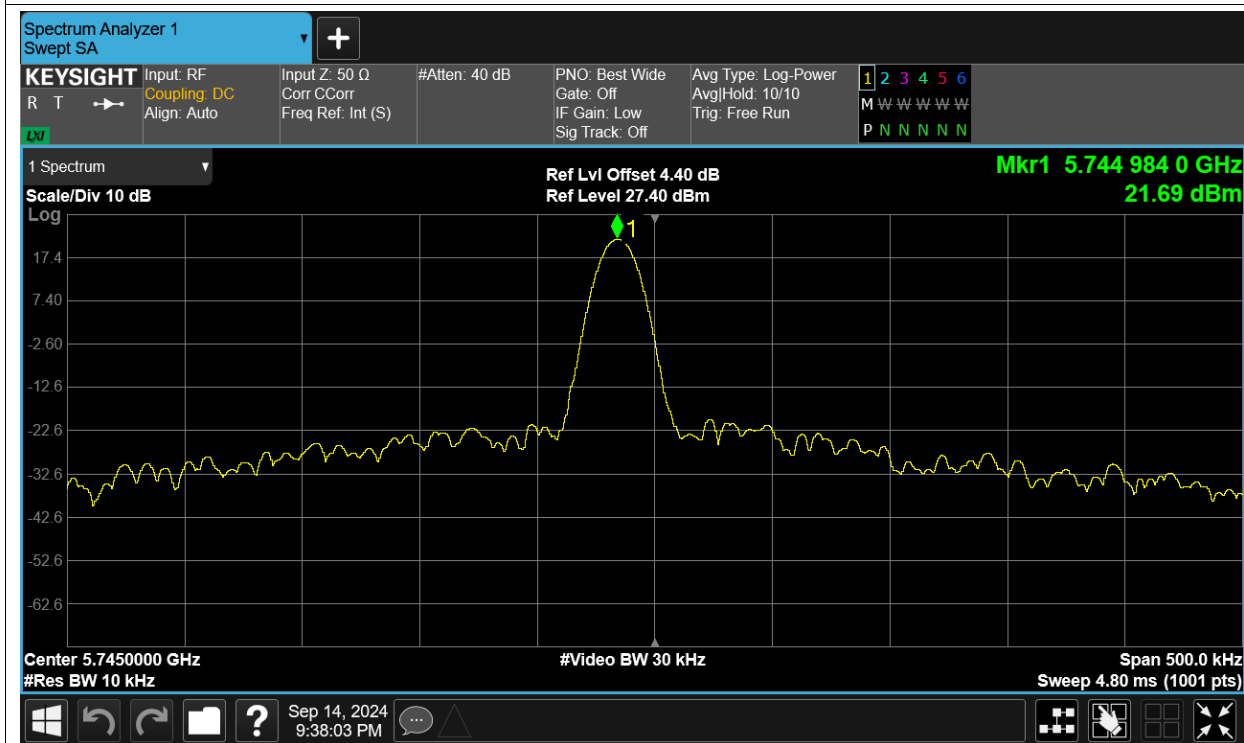
Freq. Stability LVNT a 5745MHz Ant0



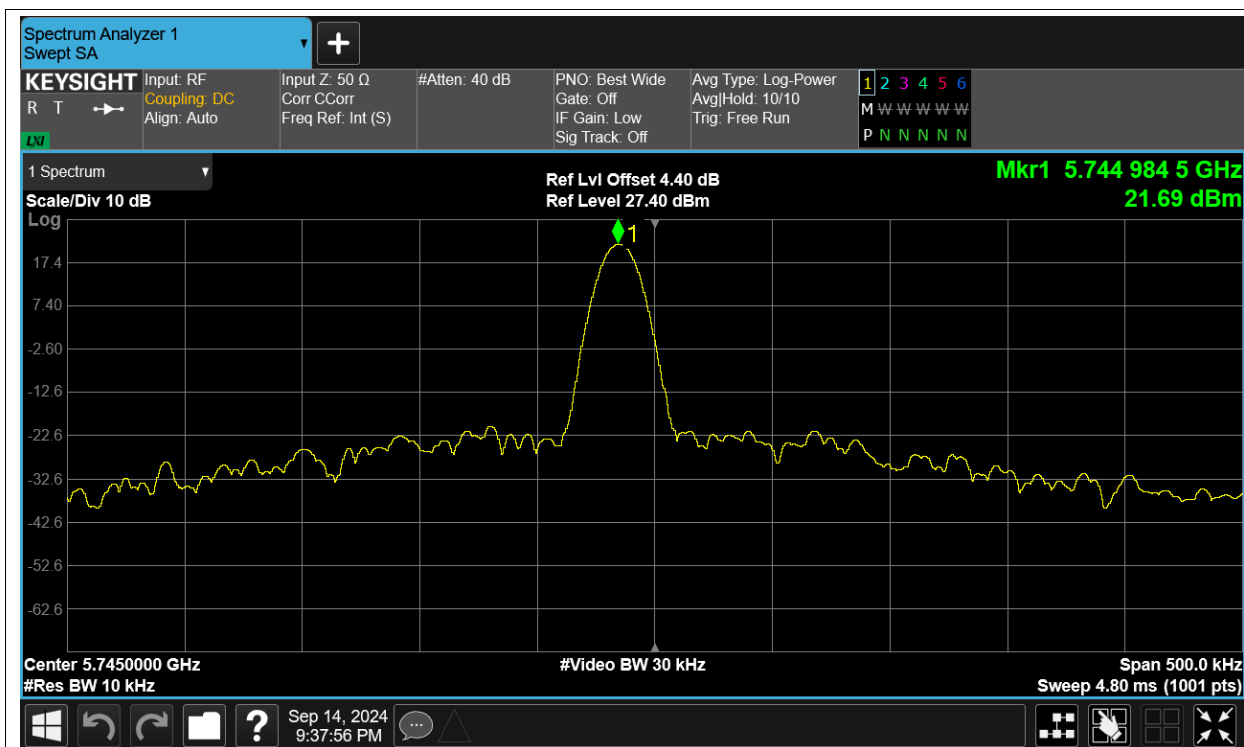
Freq. Stability NVHT a 5745MHz Ant0



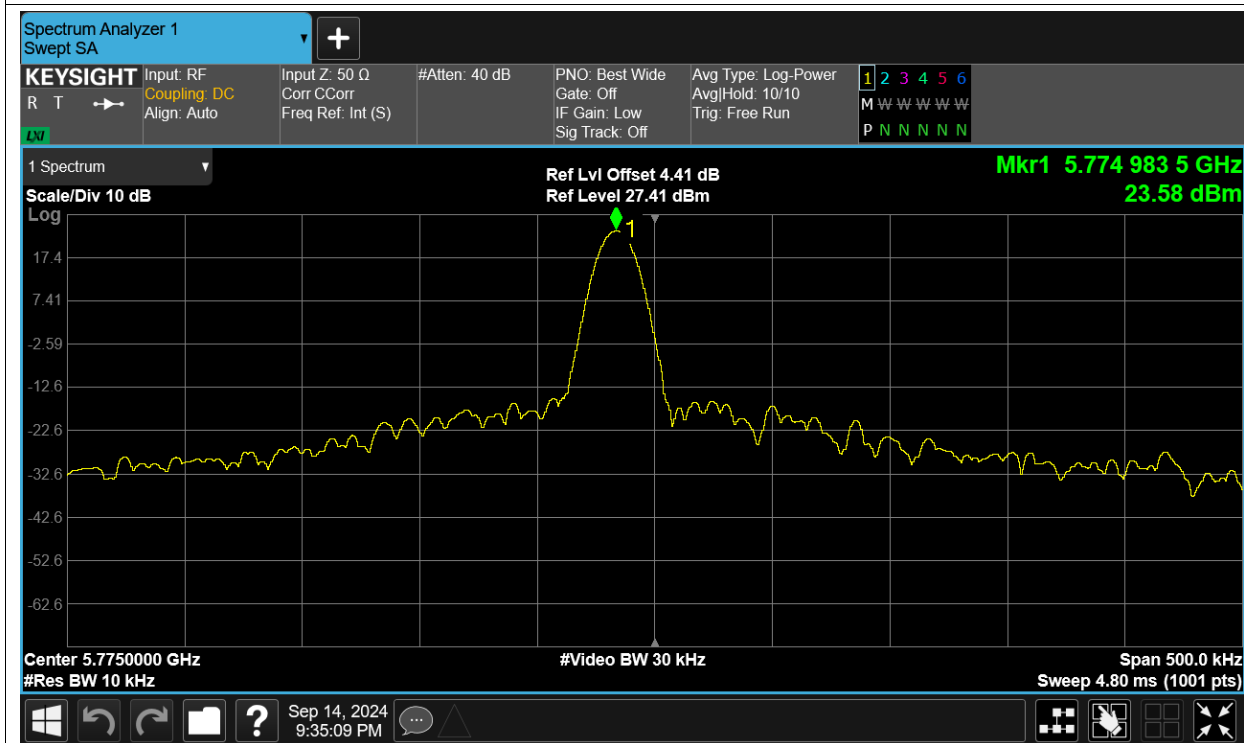
Freq. Stability NVLT a 5745MHz Ant0



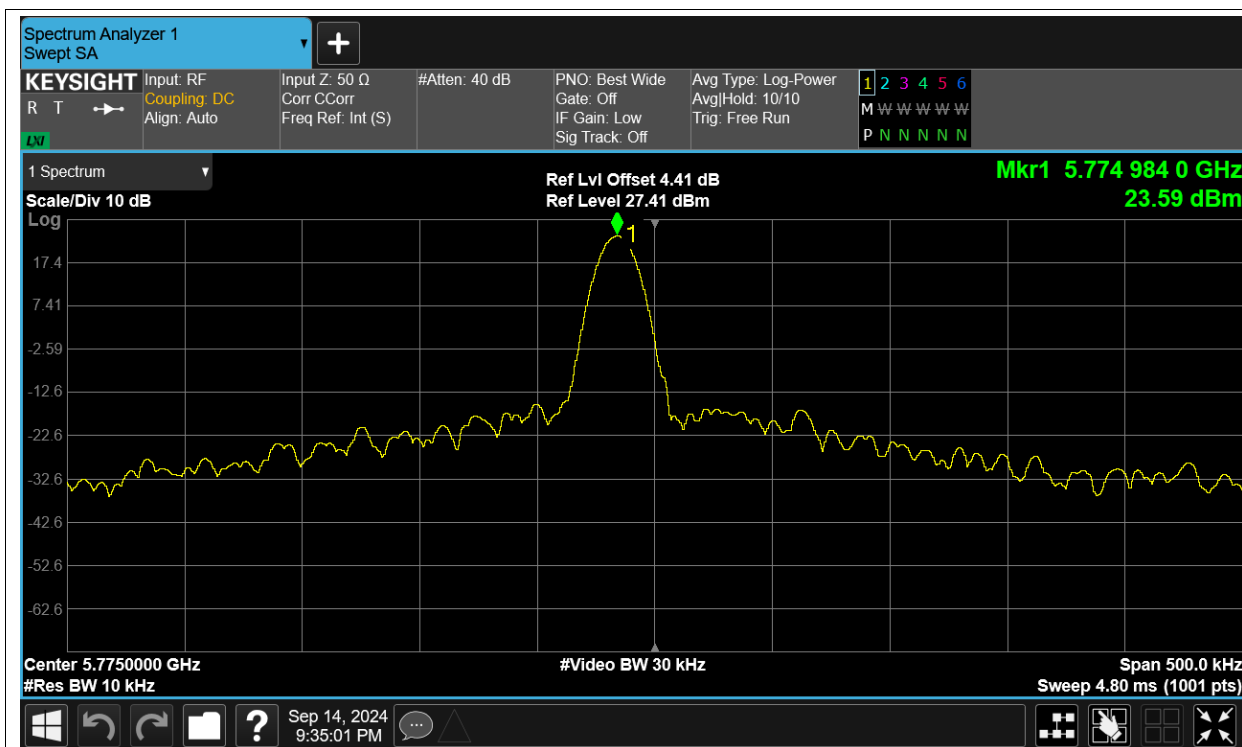
Freq. Stability NVNT a 5745MHz Ant0



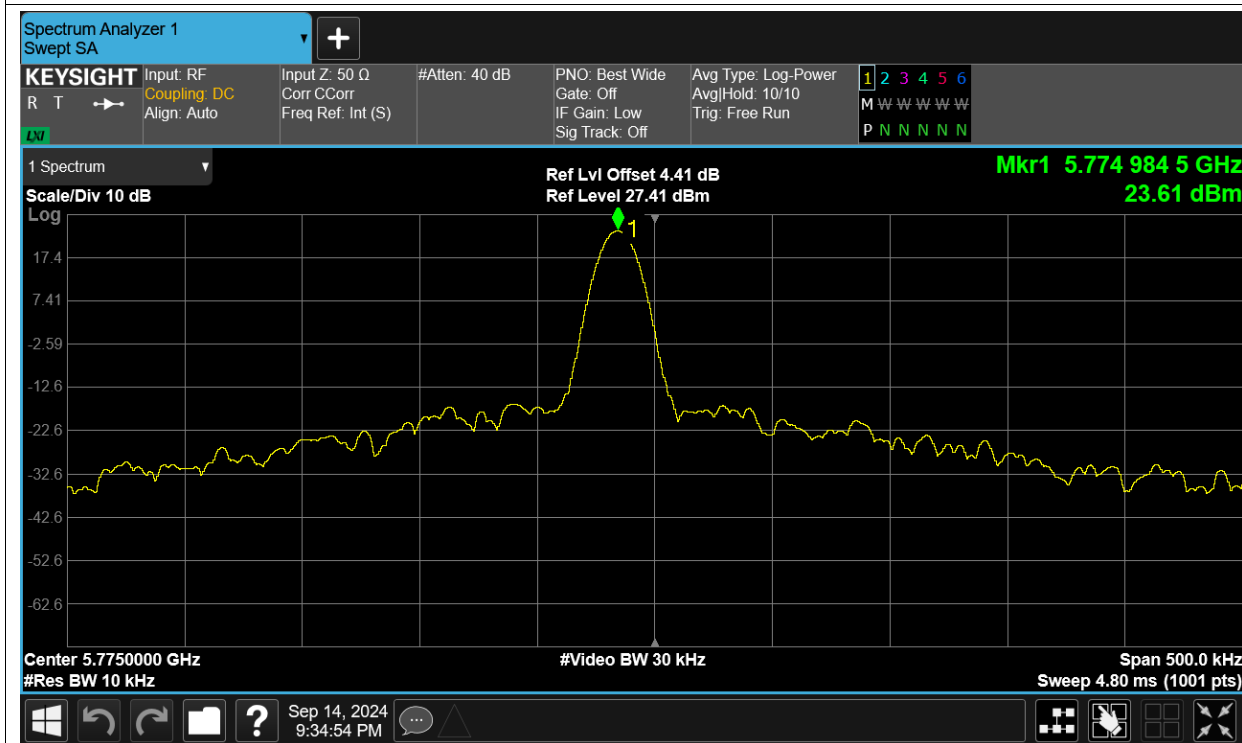
Freq. Stability HVNT ac80 5775MHz Ant0



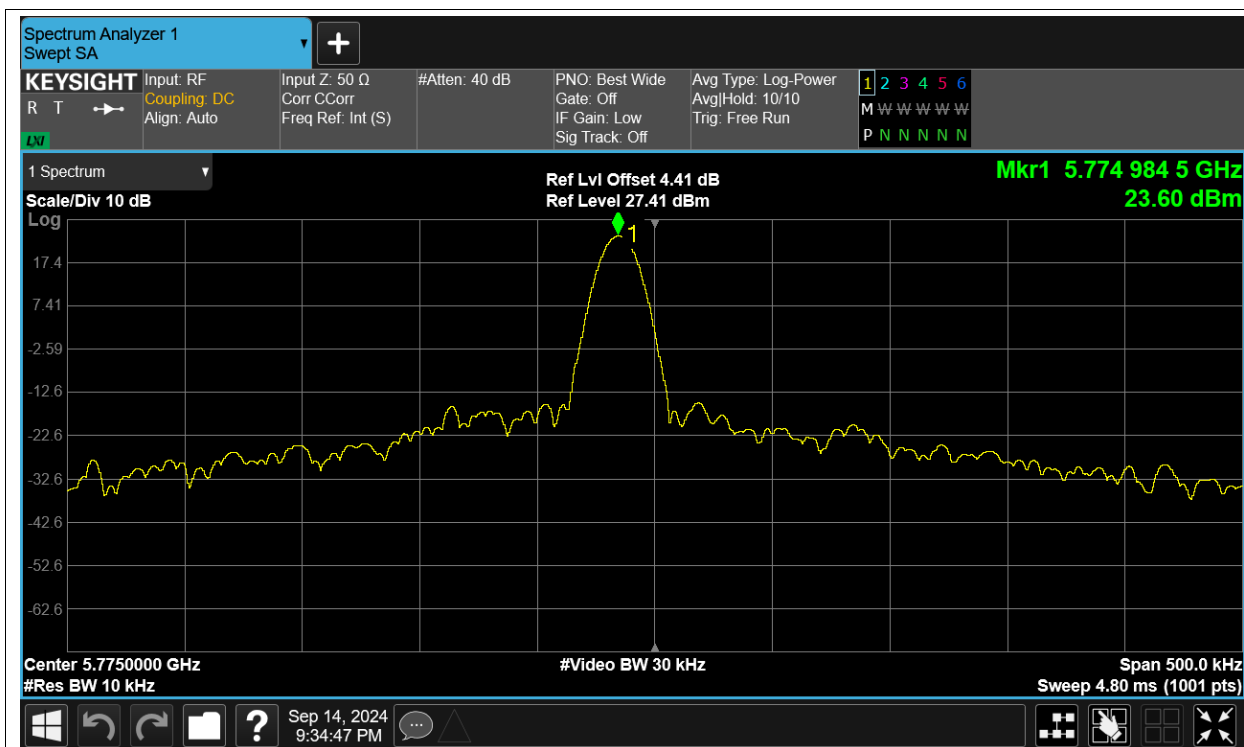
Freq. Stability LVNT ac80 5775MHz Ant0



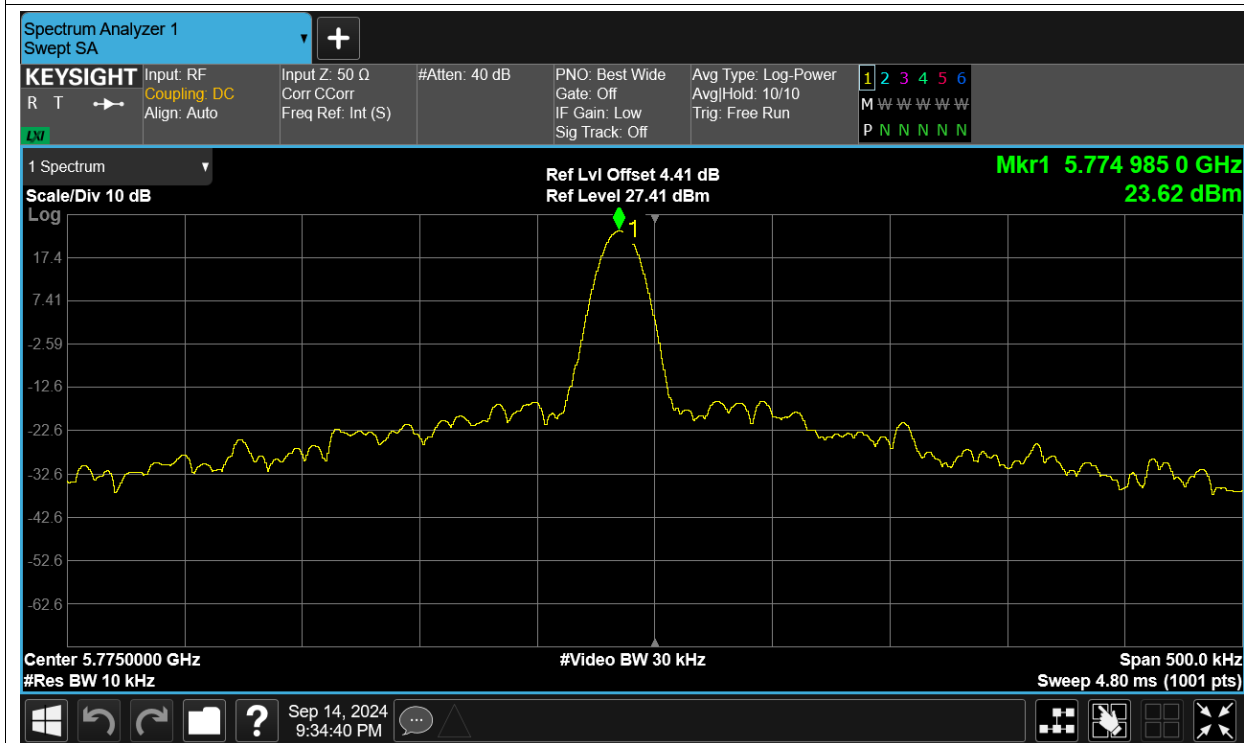
Freq. Stability NVHT ac80 5775MHz Ant0



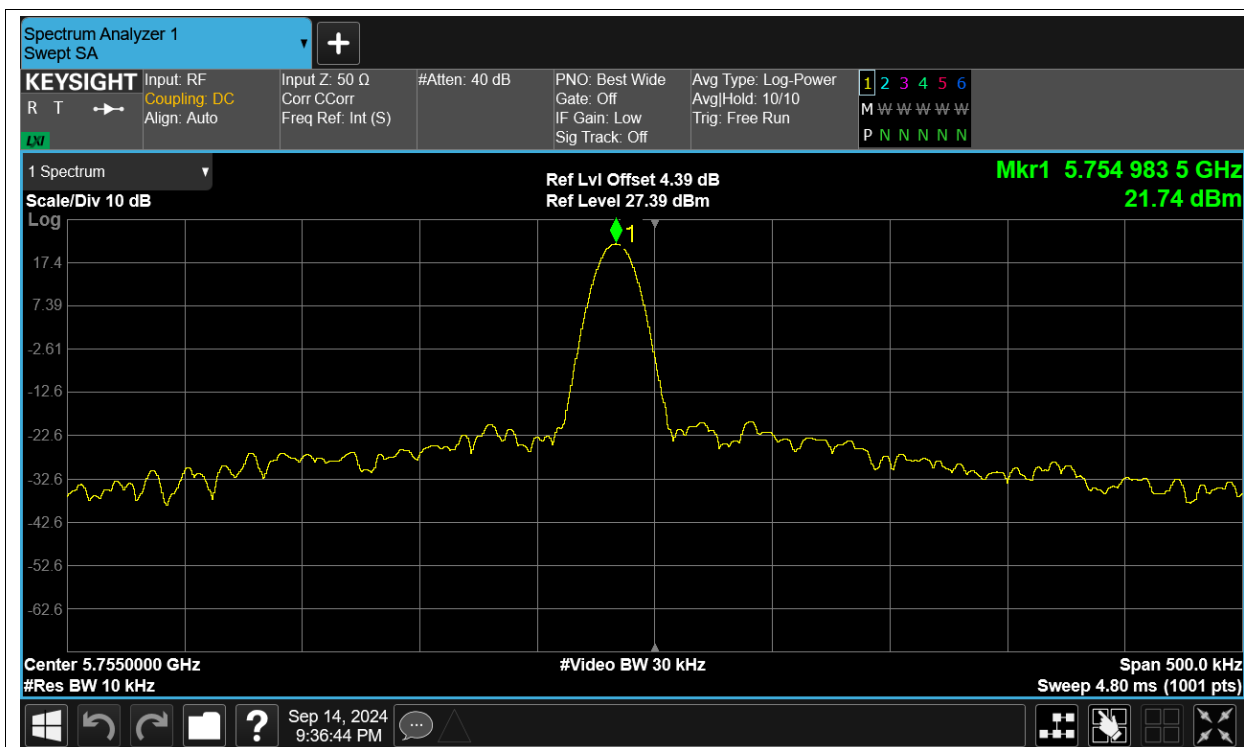
Freq. Stability NVLT ac80 5775MHz Ant0



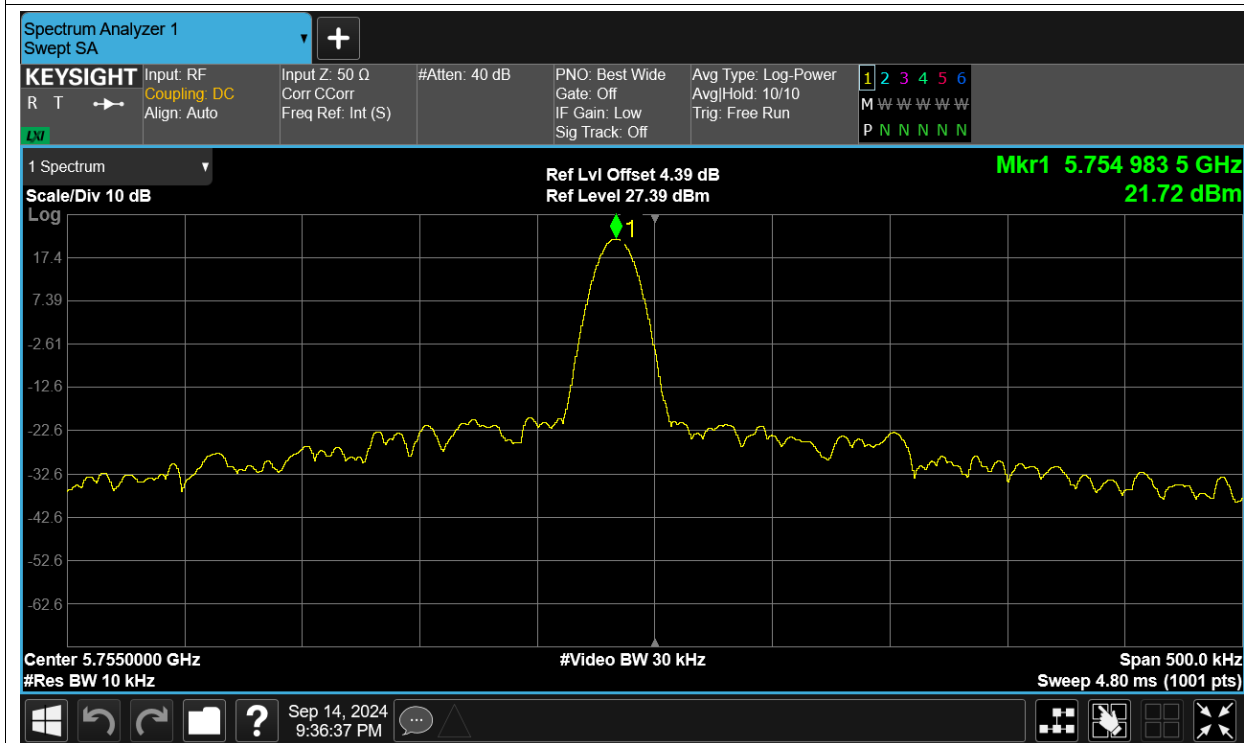
Freq. Stability NVNT ac80 5775MHz Ant0



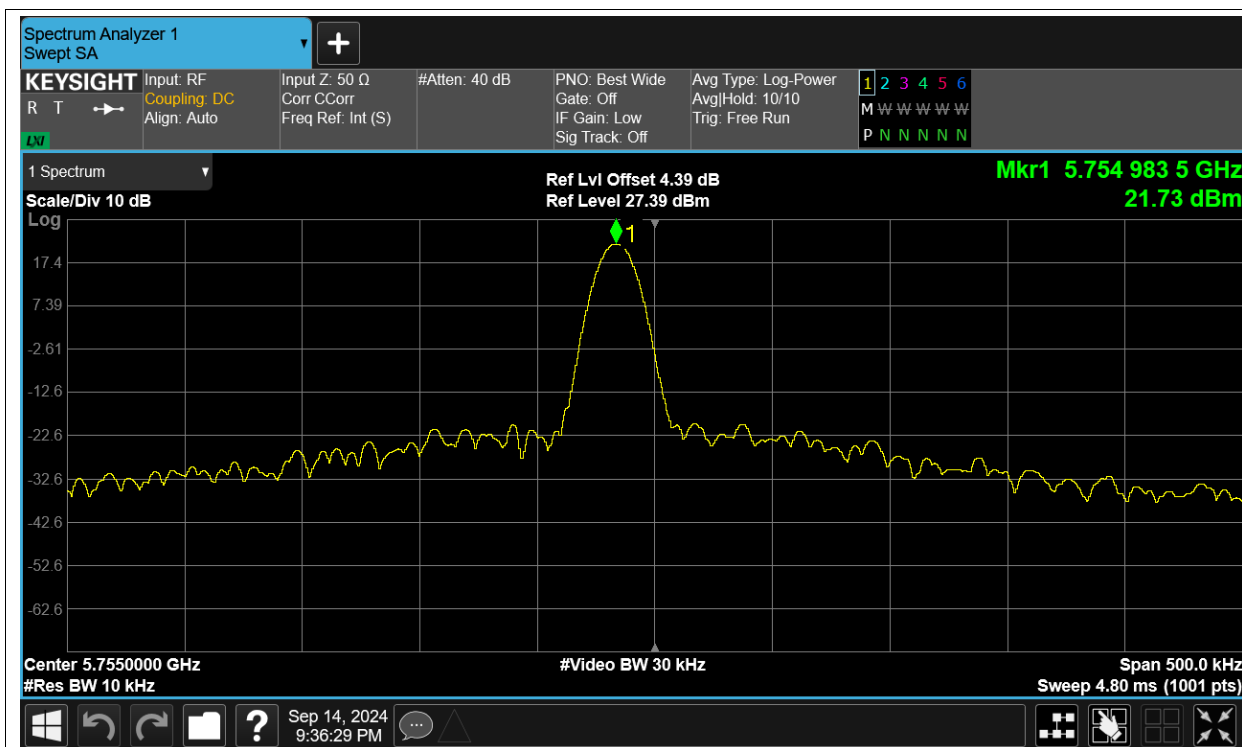
Freq. Stability HVNT n40 5755MHz Ant0



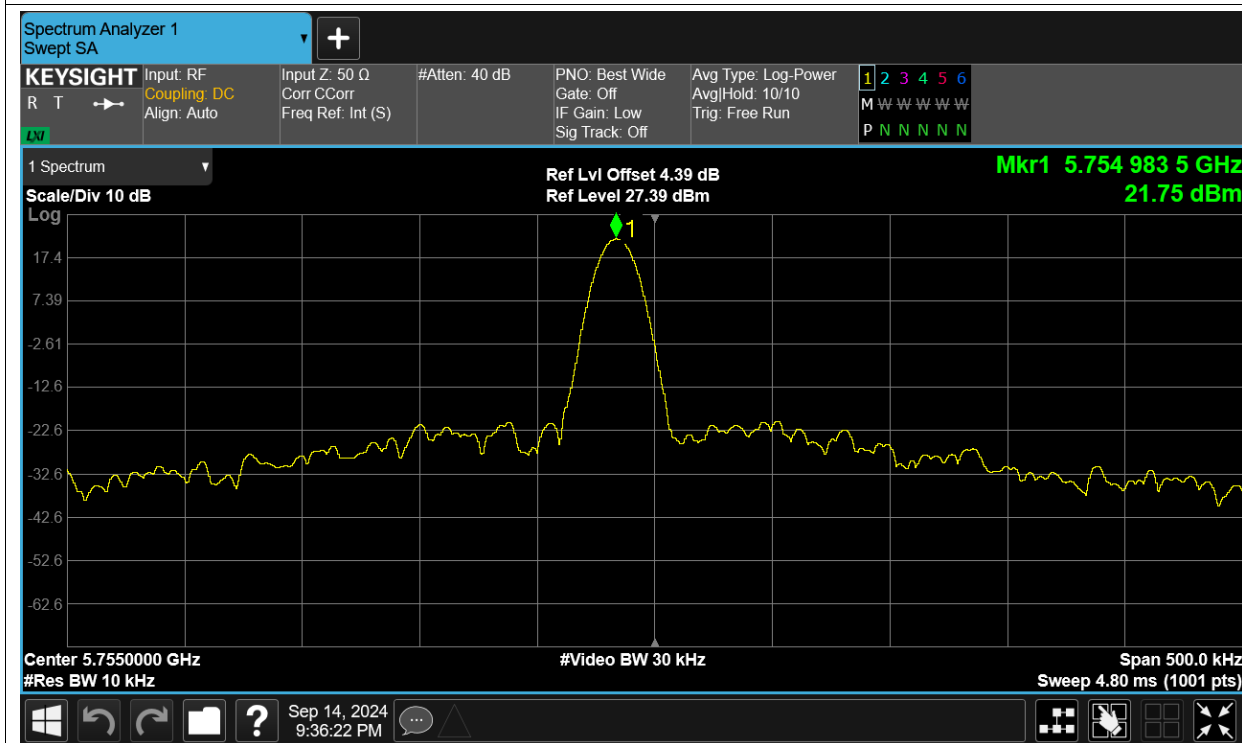
Freq. Stability LVNT n40 5755MHz Ant0



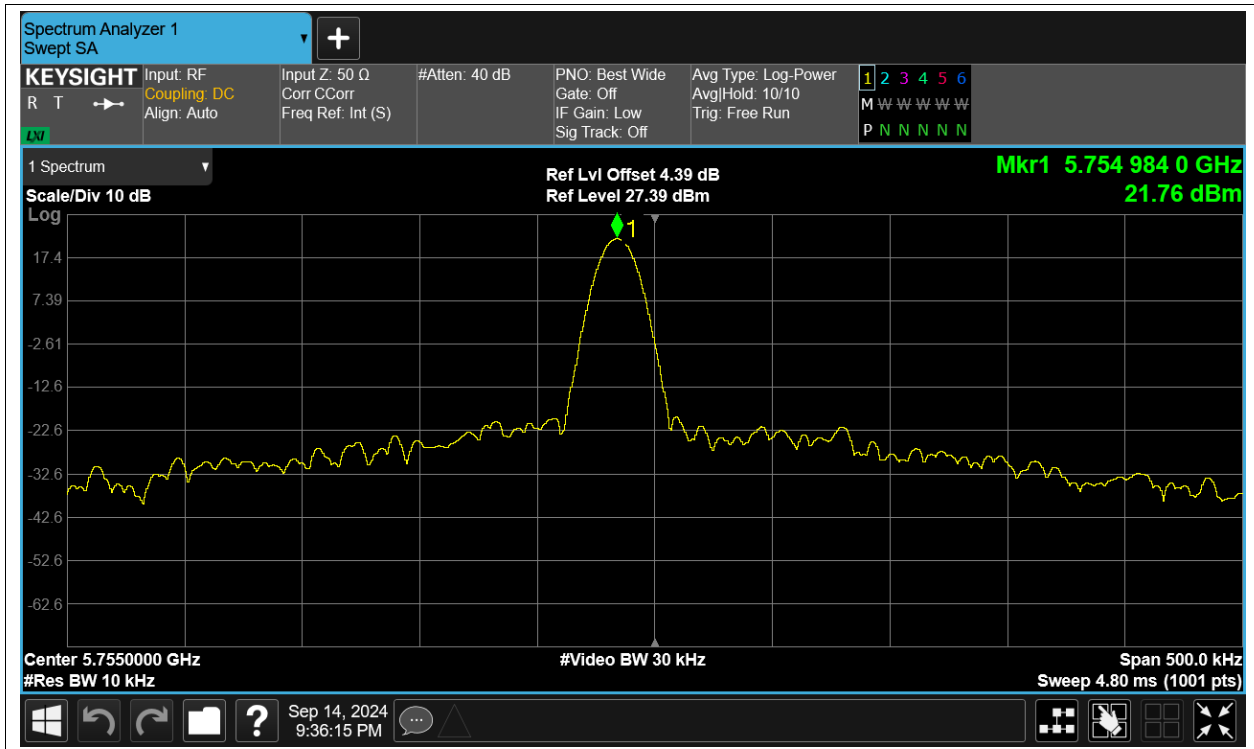
Freq. Stability NVHT n40 5755MHz Ant0



Freq. Stability NVLT n40 5755MHz Ant0



Freq. Stability NVNT n40 5755MHz Ant0

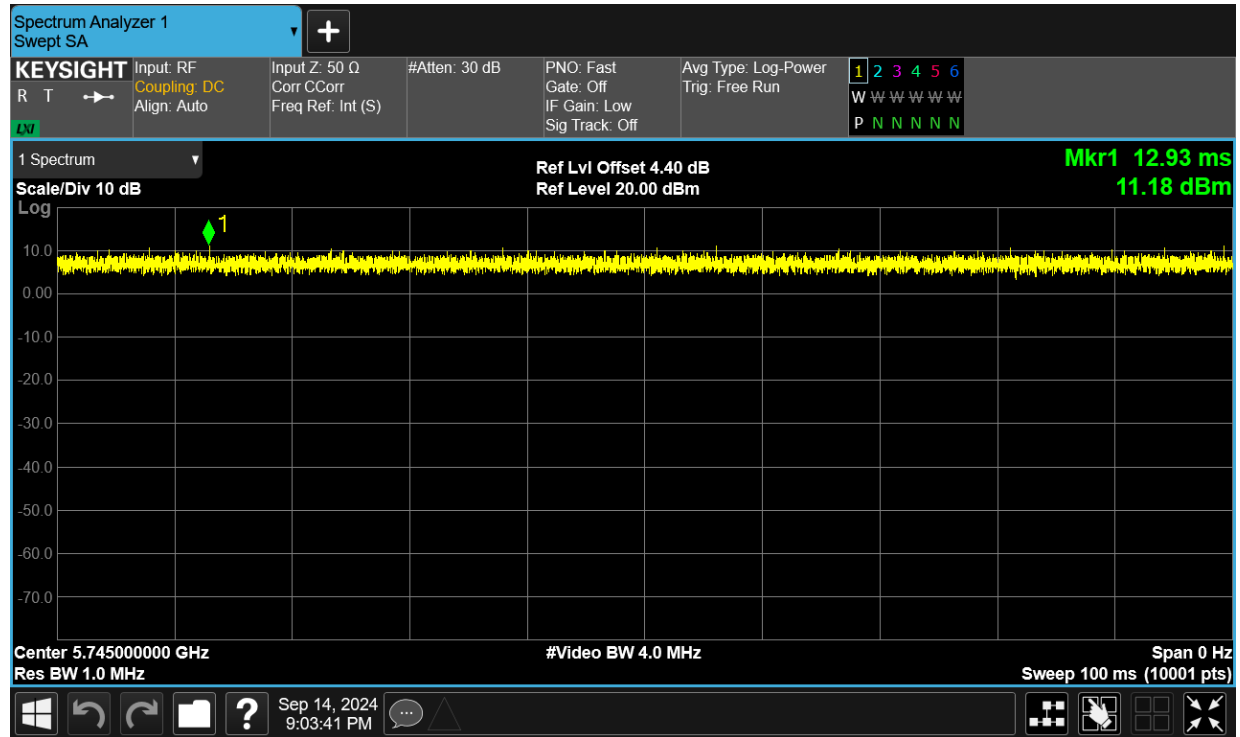


Duty Cycle

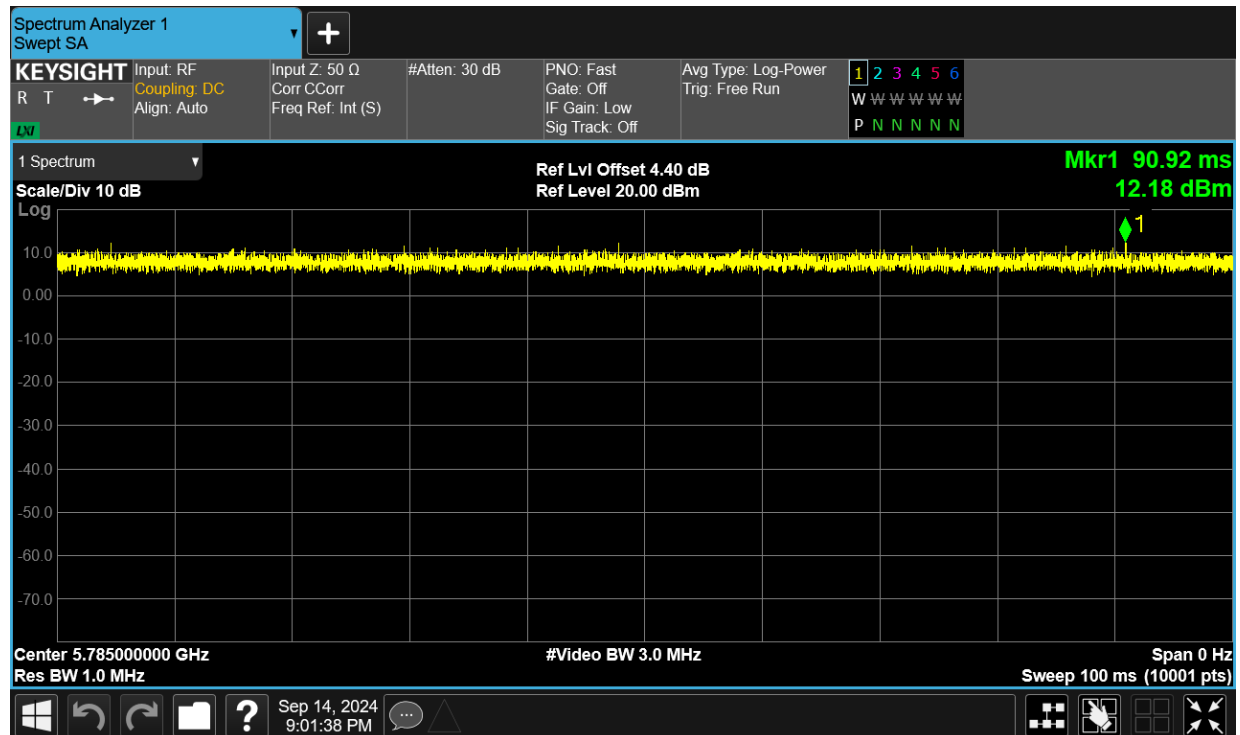
Condition	Mode	Frequency (MHz)	Antenna	Duty Cycle (%)	Correction Factor (dB)
NVNT	a	5745	Ant0	100	0
NVNT	a	5785	Ant0	100	0
NVNT	a	5825	Ant0	100	0
NVNT	ac20	5745	Ant0	100	0
NVNT	ac20	5785	Ant0	100	0
NVNT	ac20	5825	Ant0	100	0
NVNT	ac40	5755	Ant0	100	0
NVNT	ac40	5795	Ant0	100	0
NVNT	ac80	5775	Ant0	100	0
NVNT	n20	5745	Ant0	100	0
NVNT	n20	5785	Ant0	100	0
NVNT	n20	5825	Ant0	100	0
NVNT	n40	5755	Ant0	100	0
NVNT	n40	5795	Ant0	100	0

Test Graphs

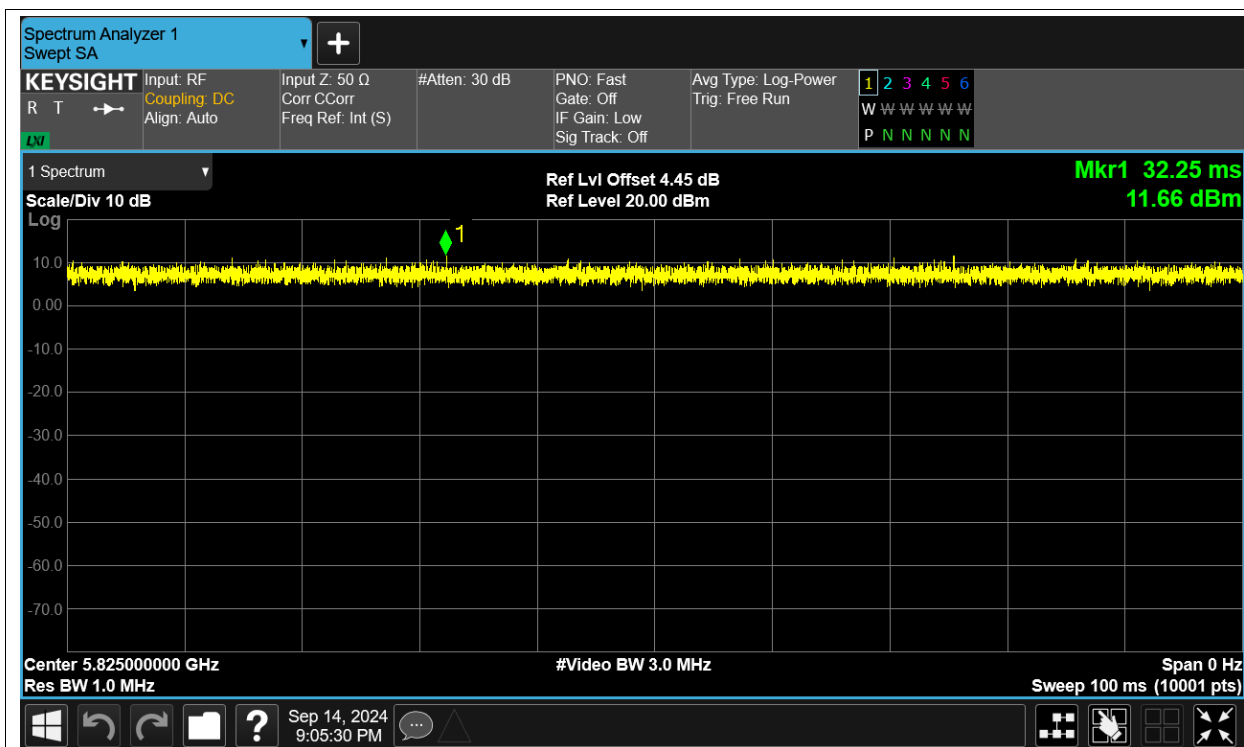
Duty Cycle NVNT a 5745MHz Ant0



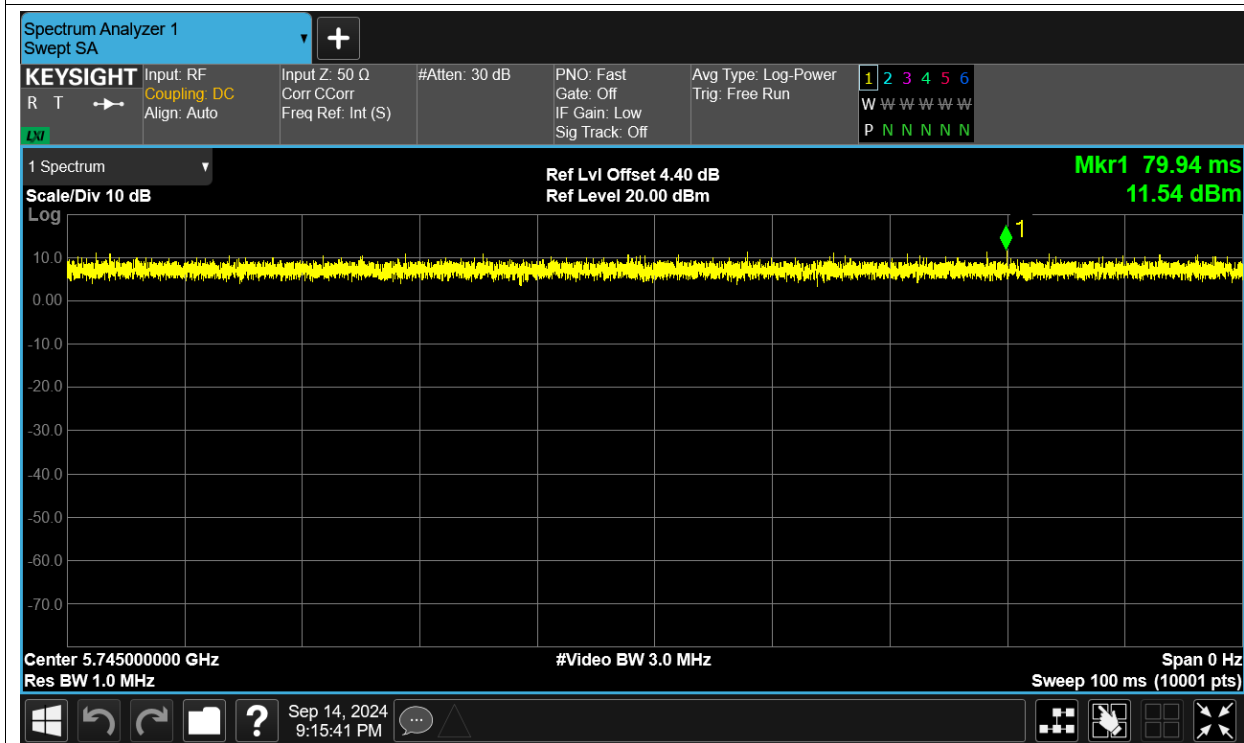
Duty Cycle NVNT a 5785MHz Ant0



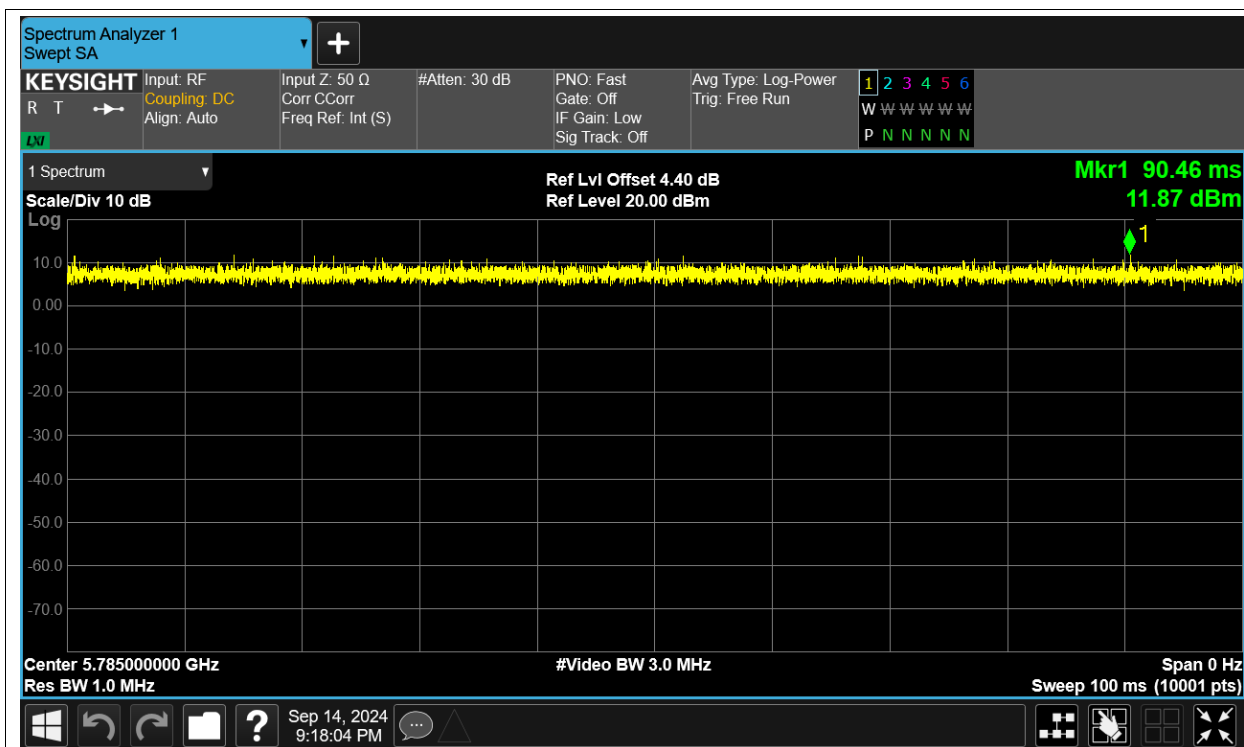
Duty Cycle NVNT a 5825MHz Ant0



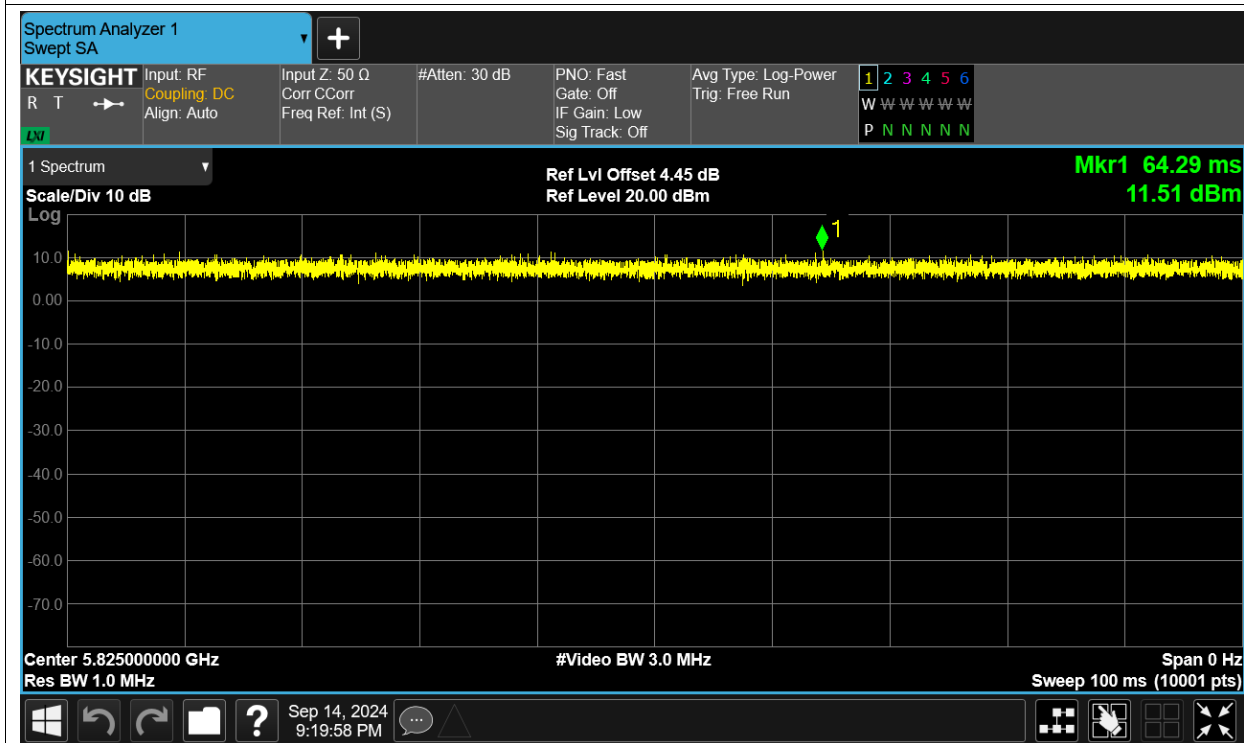
Duty Cycle NVNT ac20 5745MHz Ant0



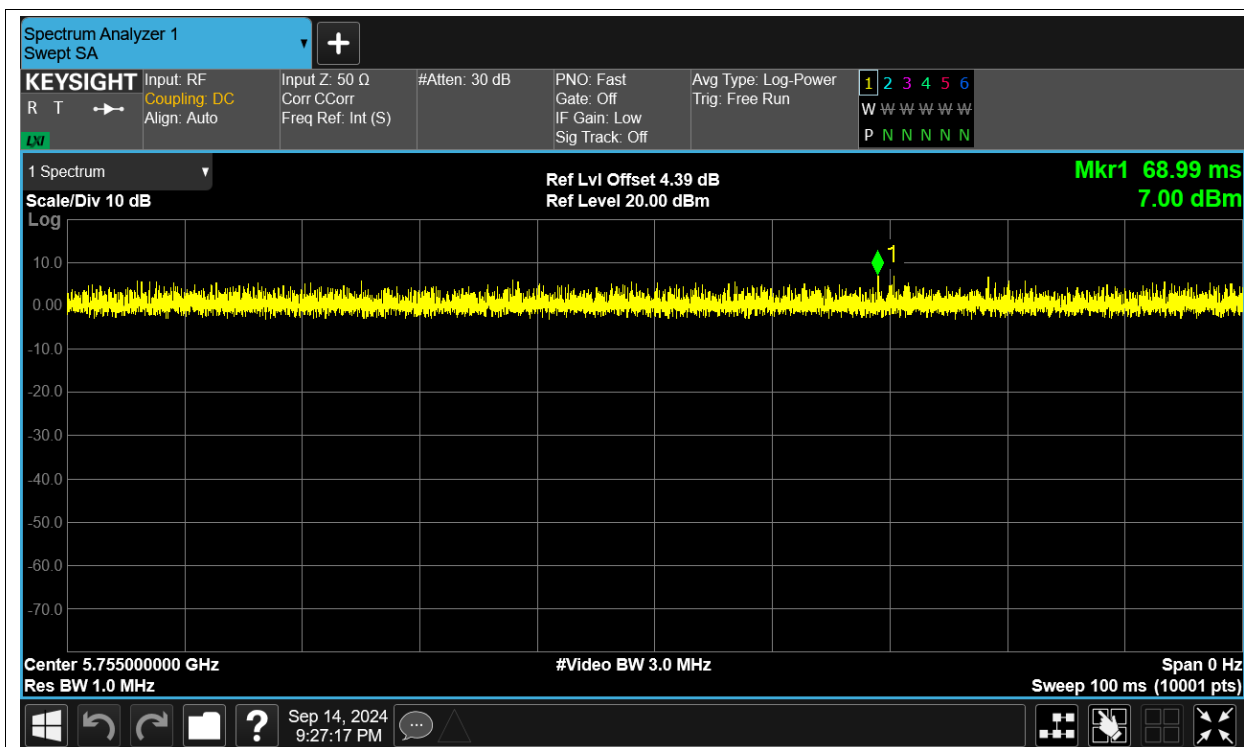
Duty Cycle NVNT ac20 5785MHz Ant0



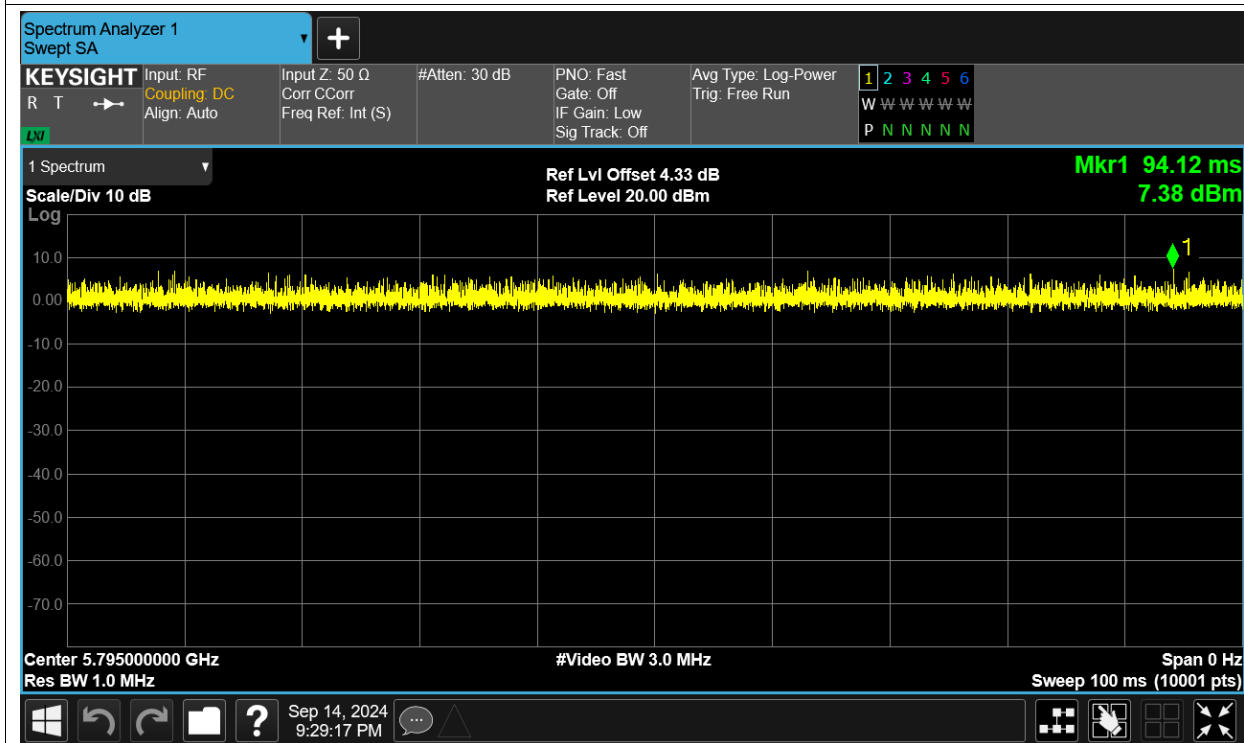
Duty Cycle NVNT ac20 5825MHz Ant0



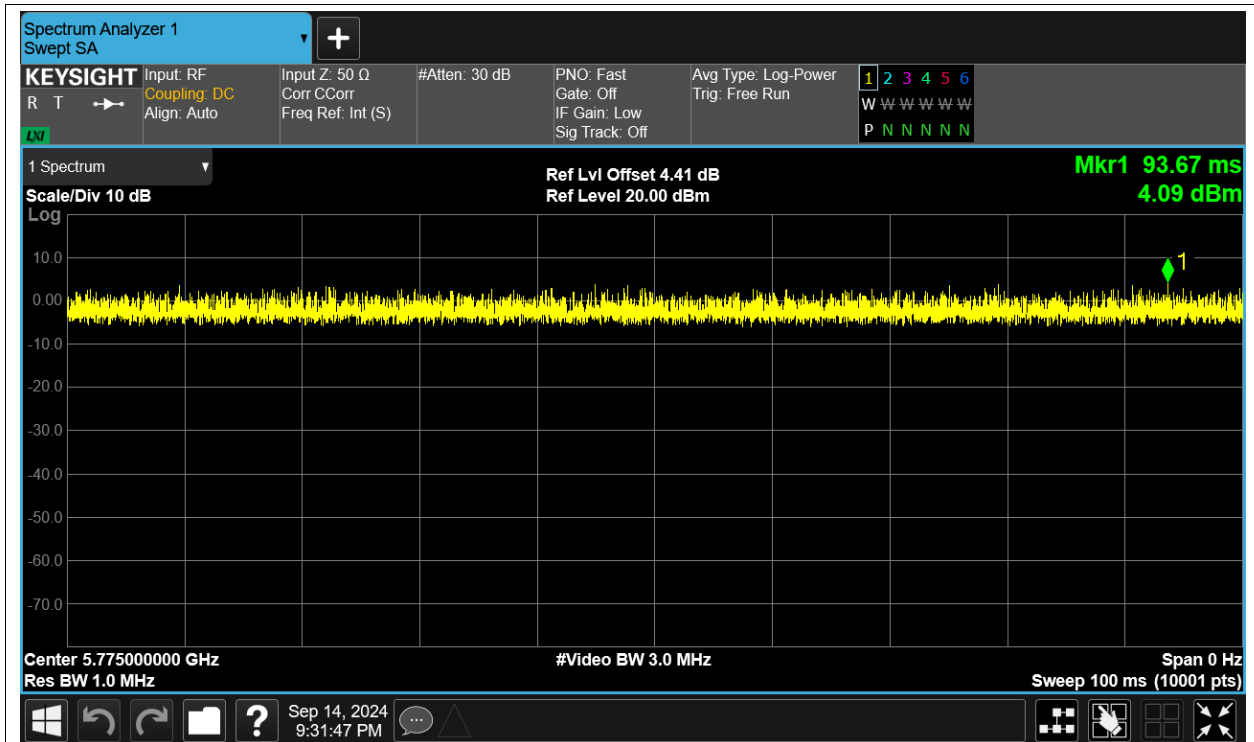
Duty Cycle NVNT ac40 5755MHz Ant0



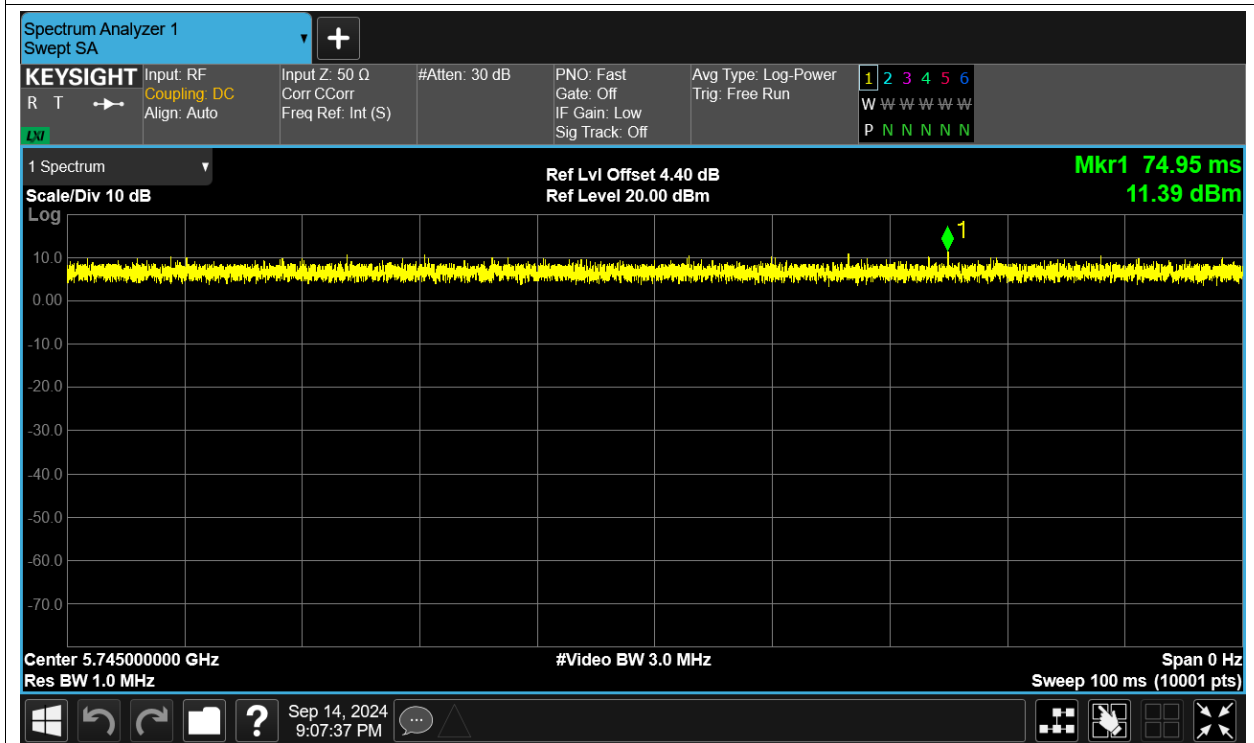
Duty Cycle NVNT ac40 5795MHz Ant0



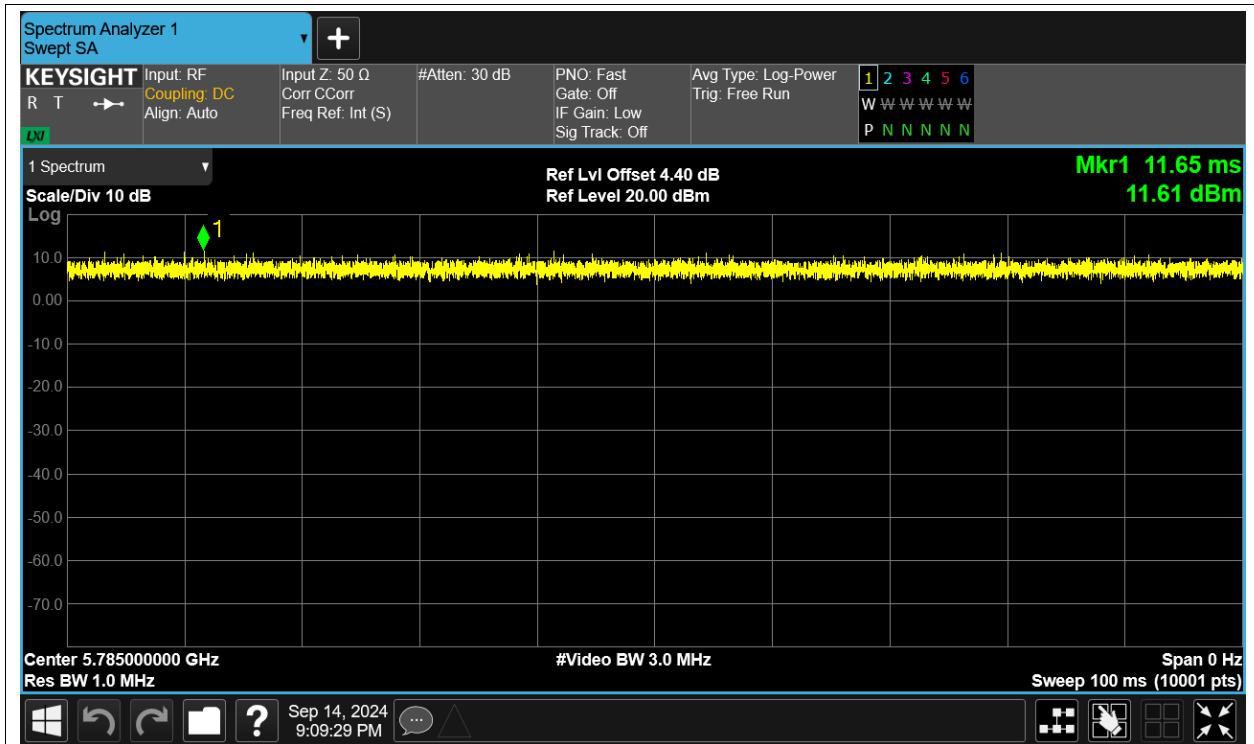
Duty Cycle NVNT ac80 5775MHz Ant0



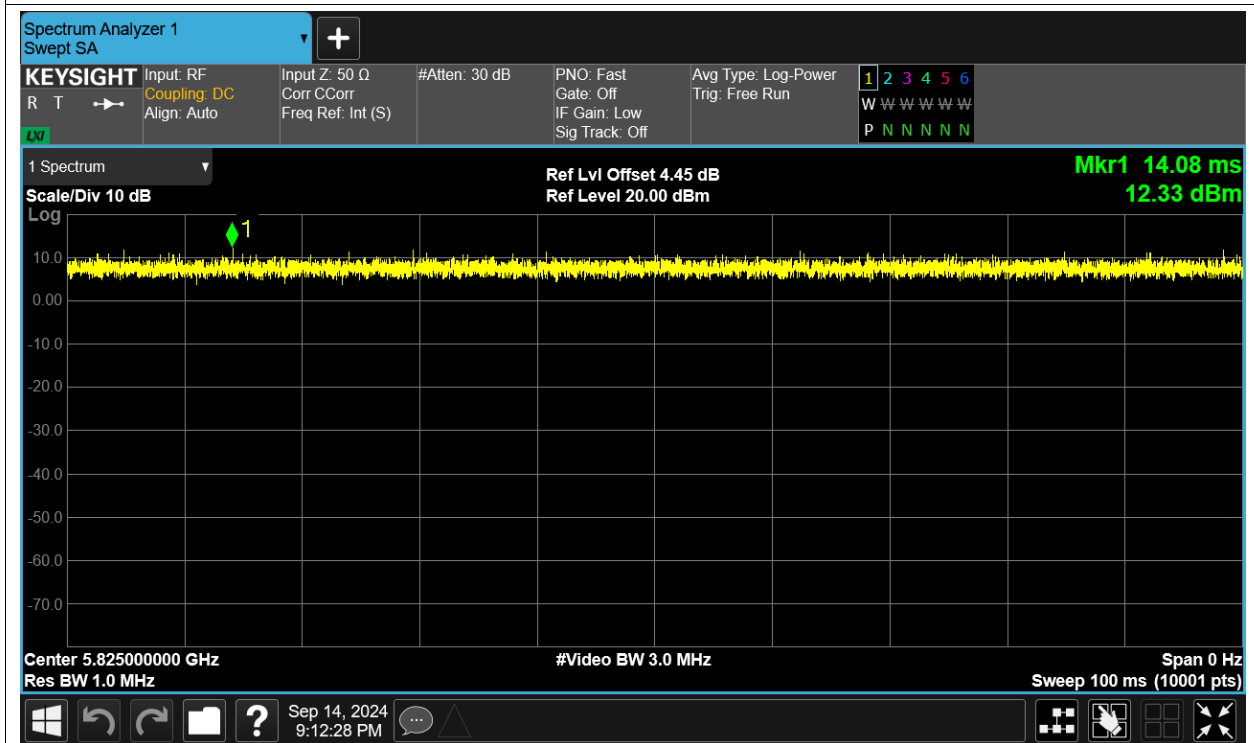
Duty Cycle NVNT n20 5745MHz Ant0



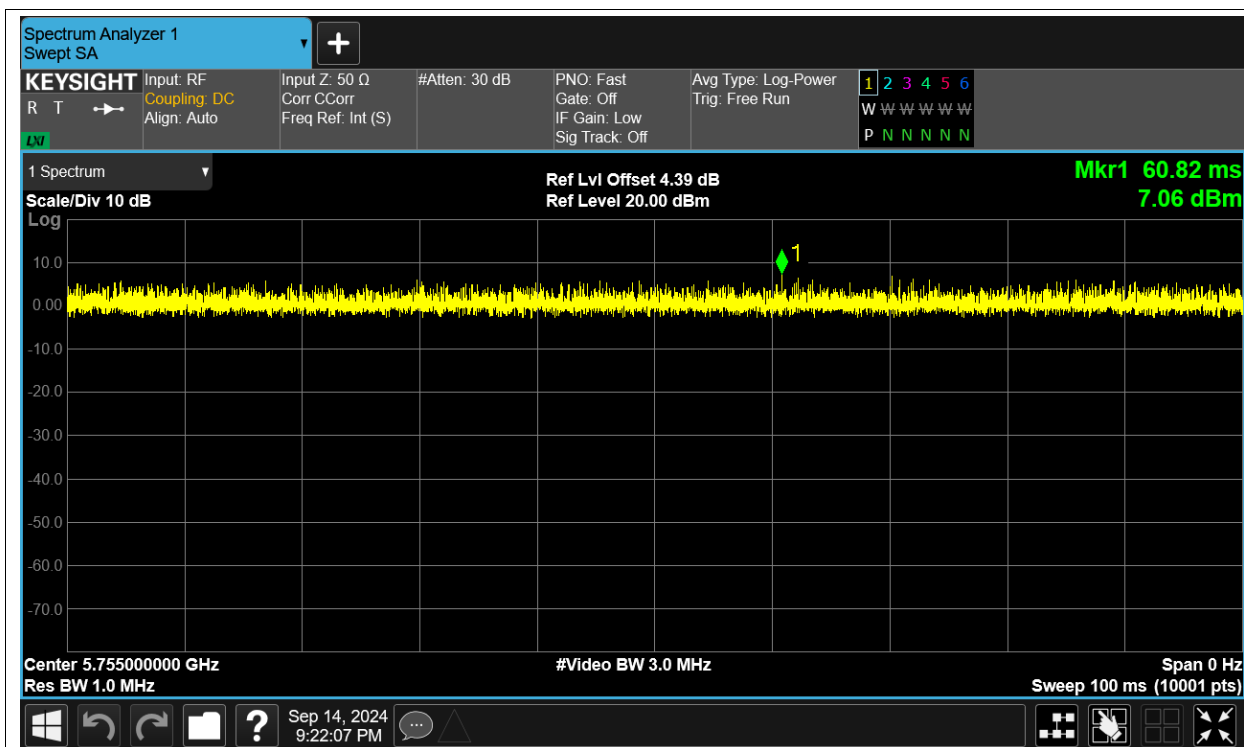
Duty Cycle NVNT n20 5785MHz Ant0



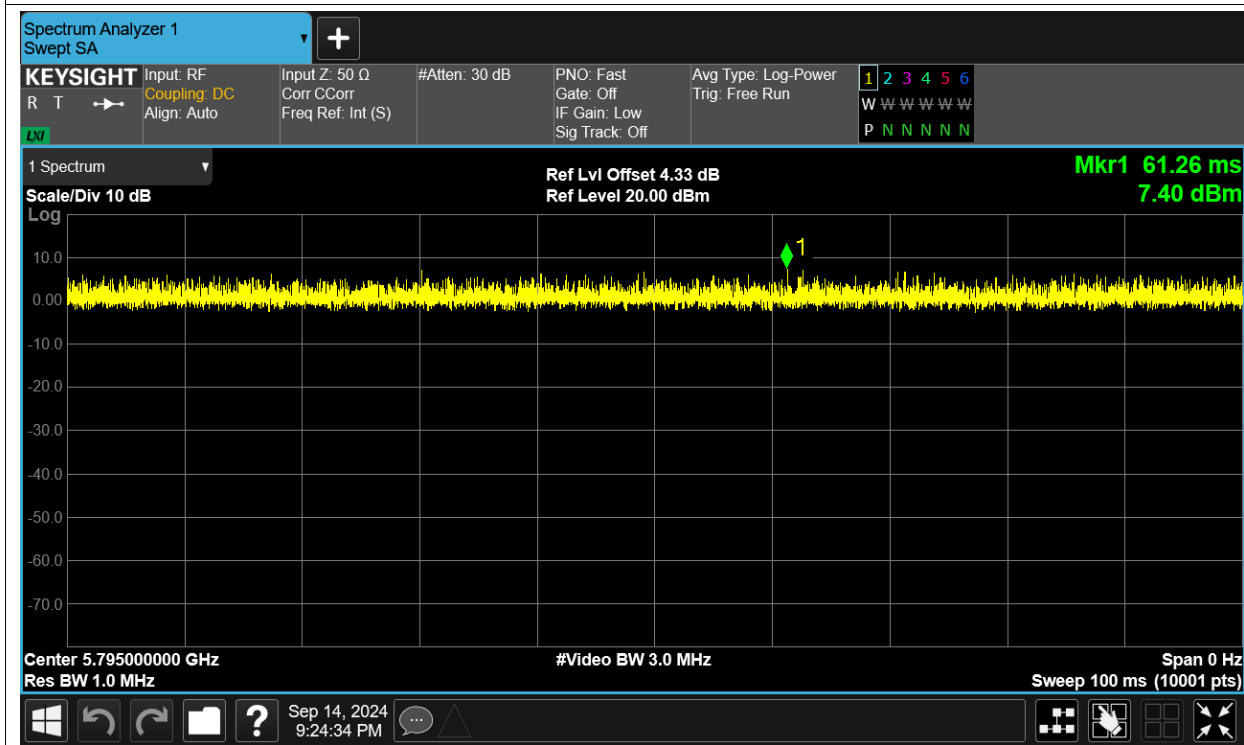
Duty Cycle NVNT n20 5825MHz Ant0



Duty Cycle NVNT n40 5755MHz Ant0



Duty Cycle NVNT n40 5795MHz Ant0



Maximum Conducted Output Power

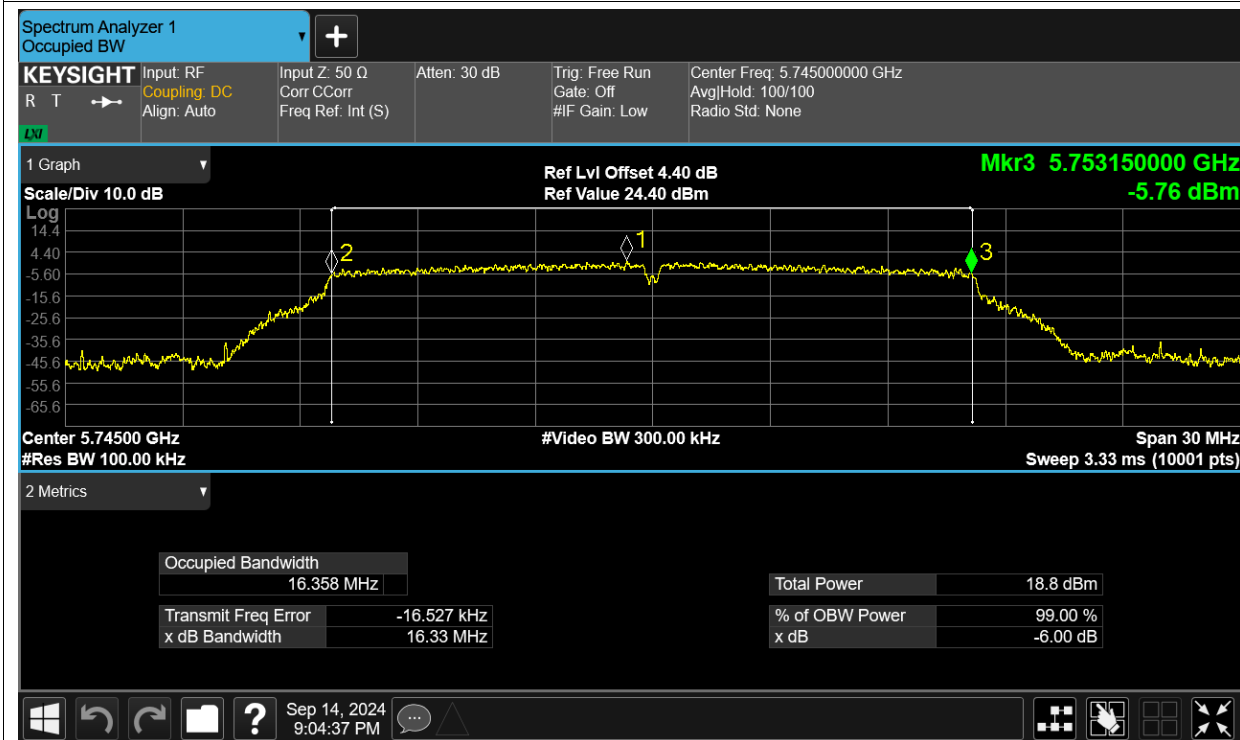
Condition	Mode	Frequency (MHz)	Antenna	Conducted Power (dBm)	Duty Factor (dB)	Total Power (dBm)	Limit (dBm)	Verdict
NVNT	a	5745	Ant0	13.27	0	13.27	30	Pass
NVNT	a	5785	Ant0	14.7	0	14.7	30	Pass
NVNT	a	5825	Ant0	13.76	0	13.76	30	Pass
NVNT	ac20	5745	Ant0	13.65	0	13.65	30	Pass
NVNT	ac20	5785	Ant0	14.4	0	14.4	30	Pass
NVNT	ac20	5825	Ant0	14.09	0	14.09	30	Pass
NVNT	ac40	5755	Ant0	13.34	0	13.34	30	Pass
NVNT	ac40	5795	Ant0	14.14	0	14.14	30	Pass
NVNT	ac80	5775	Ant0	13.78	0	13.78	30	Pass
NVNT	n20	5745	Ant0	13.19	0	13.19	30	Pass
NVNT	n20	5785	Ant0	14.39	0	14.39	30	Pass
NVNT	n20	5825	Ant0	14.12	0	14.12	30	Pass
NVNT	n40	5755	Ant0	13.53	0	13.53	30	Pass
NVNT	n40	5795	Ant0	14.29	0	14.29	30	Pass

-6dB Bandwidth

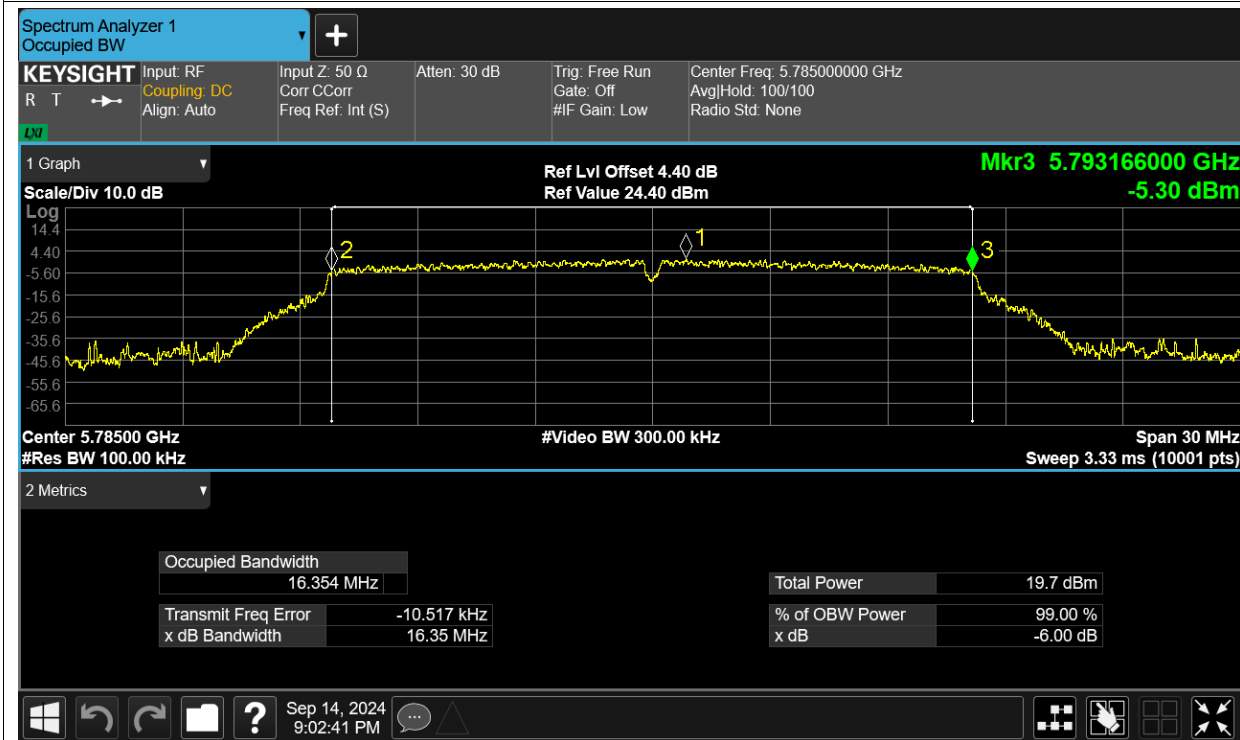
Condition	Mode	Frequency (MHz)	Antenna	-6 dB Bandwidth (MHz)	limit	Verdic
NVNT	a	5745	Ant0	16.333	0.5	Pass
NVNT	a	5785	Ant0	16.353	0.5	Pass
NVNT	a	5825	Ant0	16.317	0.5	Pass
NVNT	ac20	5745	Ant0	17.593	0.5	Pass
NVNT	ac20	5785	Ant0	17.57	0.5	Pass
NVNT	ac20	5825	Ant0	17.575	0.5	Pass
NVNT	ac40	5755	Ant0	36.256	0.5	Pass
NVNT	ac40	5795	Ant0	36.041	0.5	Pass
NVNT	ac80	5775	Ant0	75.665	0.5	Pass
NVNT	n20	5745	Ant0	17.57	0.5	Pass
NVNT	n20	5785	Ant0	17.569	0.5	Pass
NVNT	n20	5825	Ant0	17.614	0.5	Pass
NVNT	n40	5755	Ant0	35.942	0.5	Pass
NVNT	n40	5795	Ant0	35.828	0.5	Pass

Test Graphs

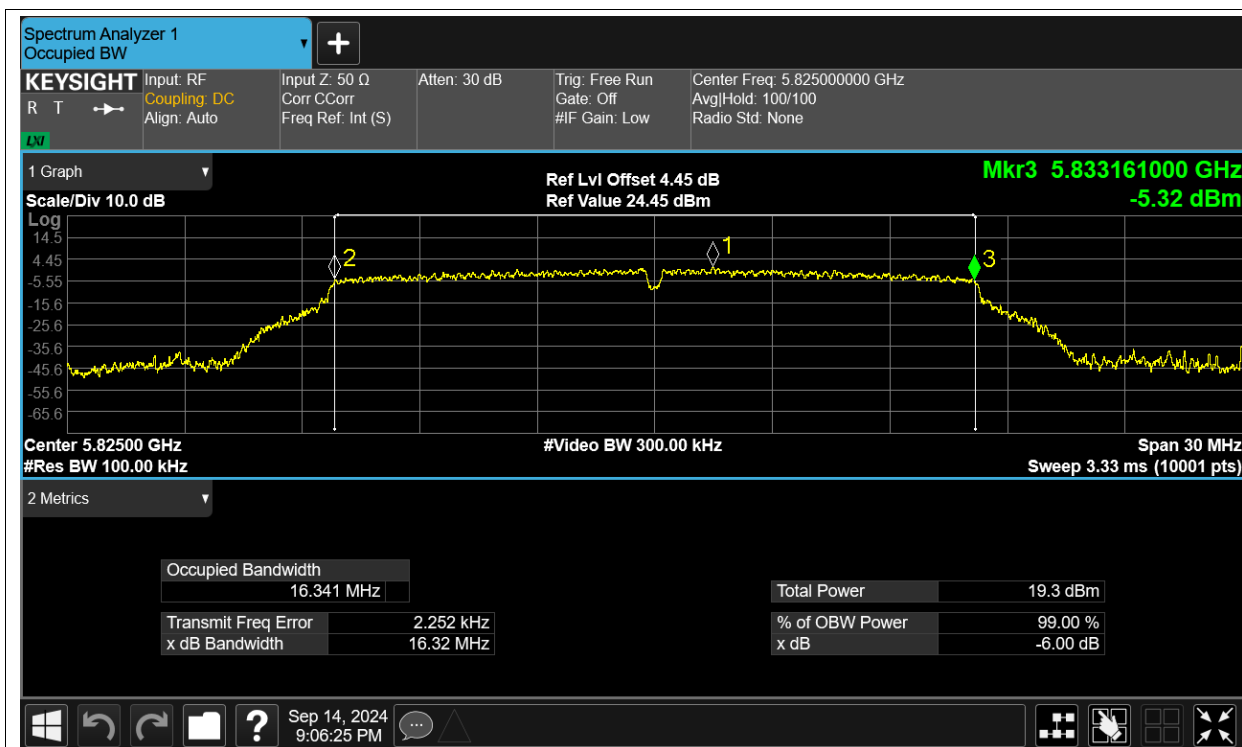
-6dB Bandwidth NVNT a 5745MHz Ant0



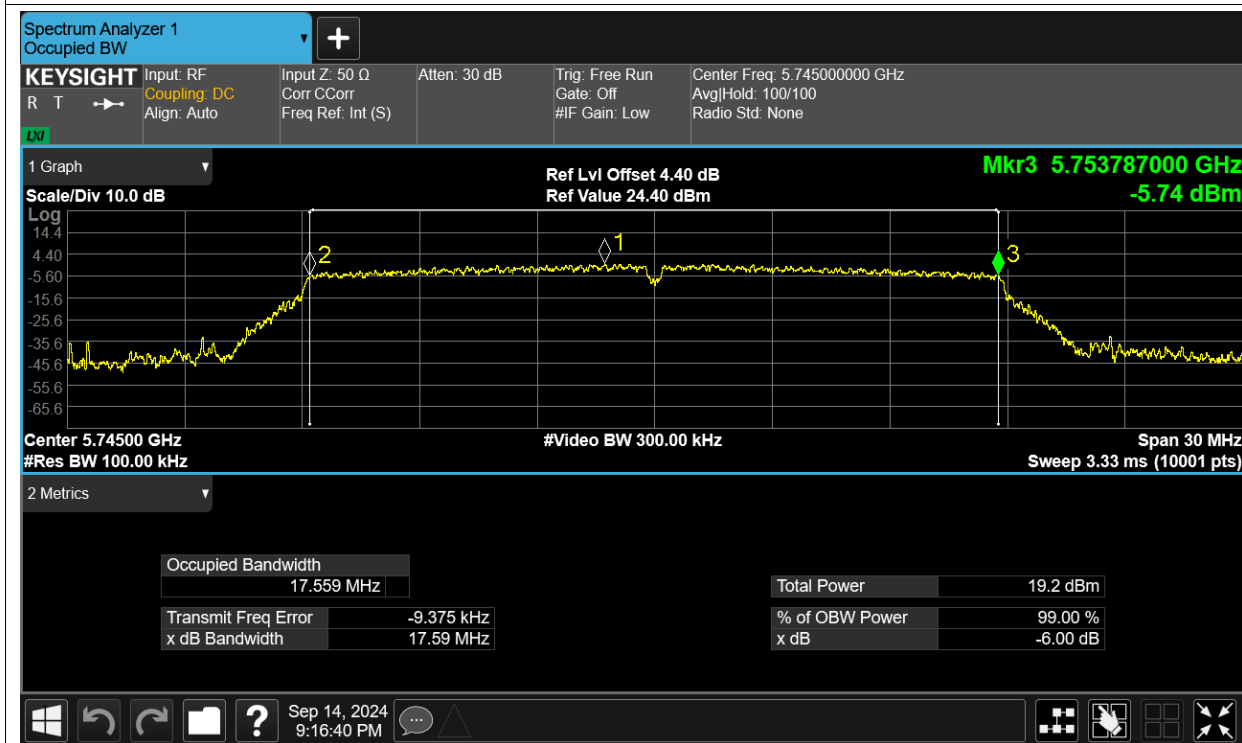
-6dB Bandwidth NVNT a 5785MHz Ant0



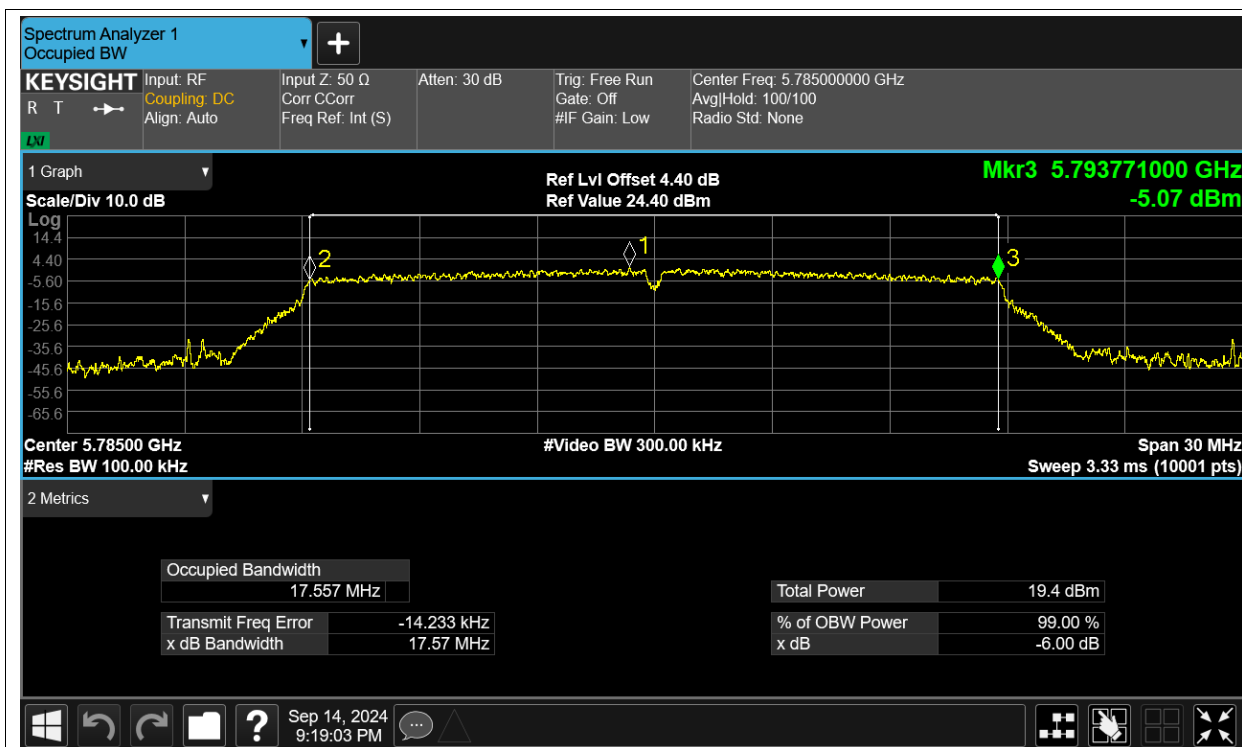
-6dB Bandwidth NVNT a 5825MHz Ant0



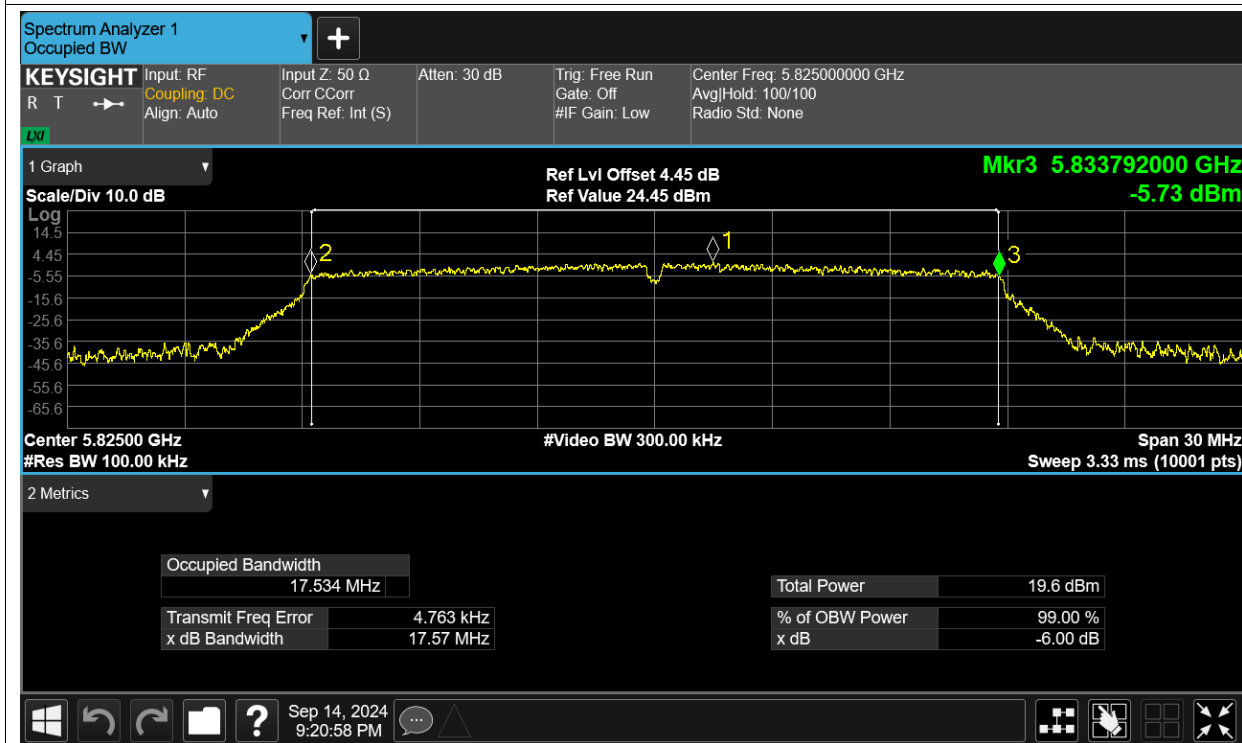
-6dB Bandwidth NVNT ac20 5745MHz Ant0



-6dB Bandwidth NVNT ac20 5785MHz Ant0



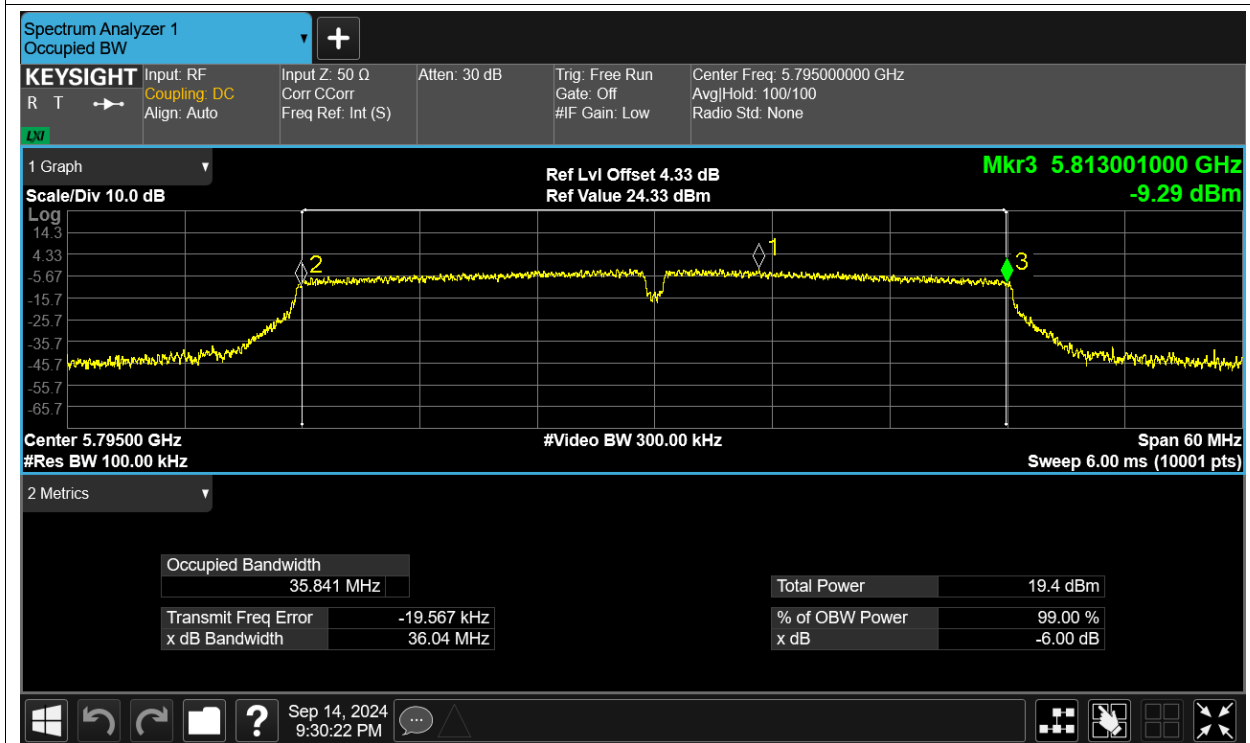
-6dB Bandwidth NVNT ac20 5825MHz Ant0



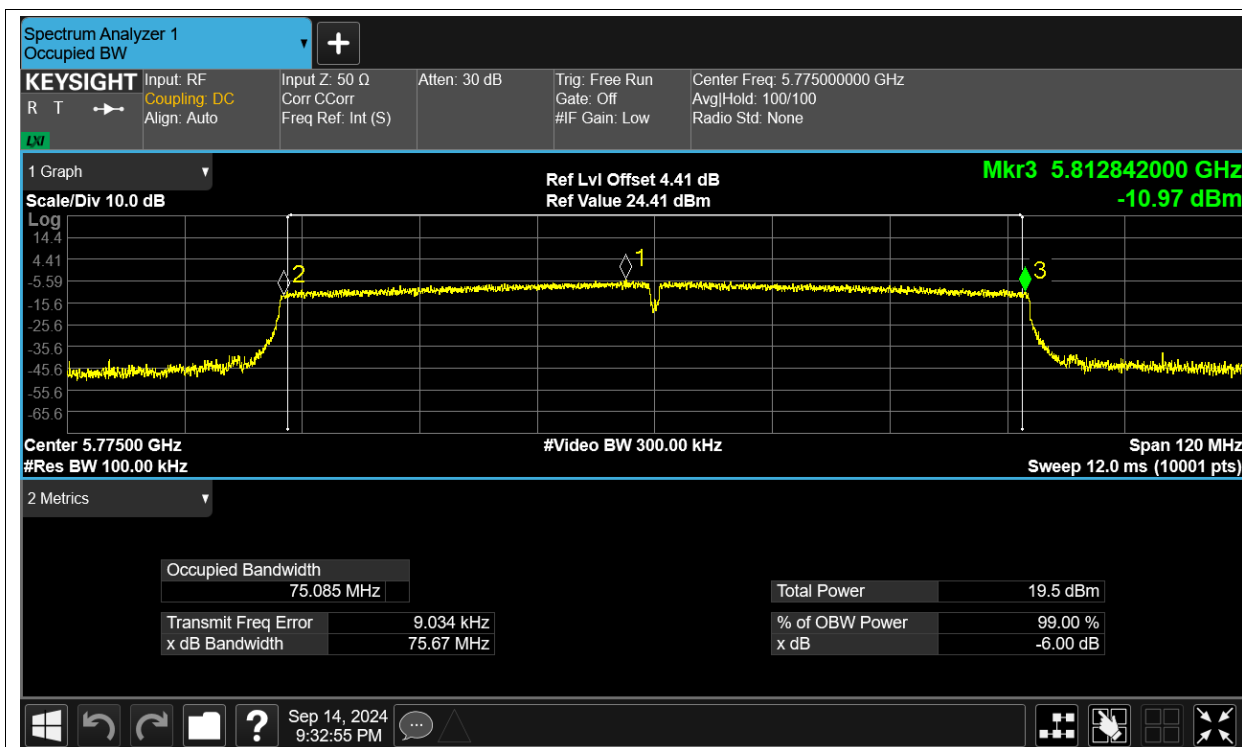
-6dB Bandwidth NVNT ac40 5755MHz Ant0



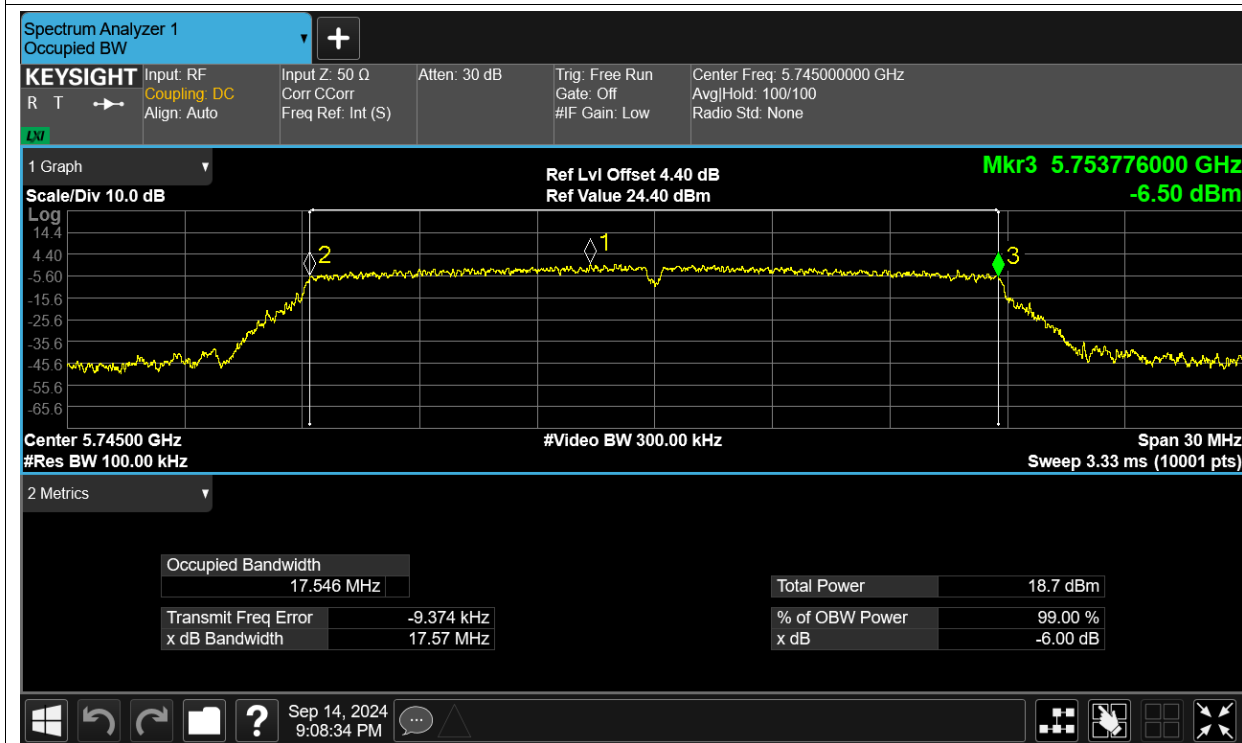
-6dB Bandwidth NVNT ac40 5795MHz Ant0



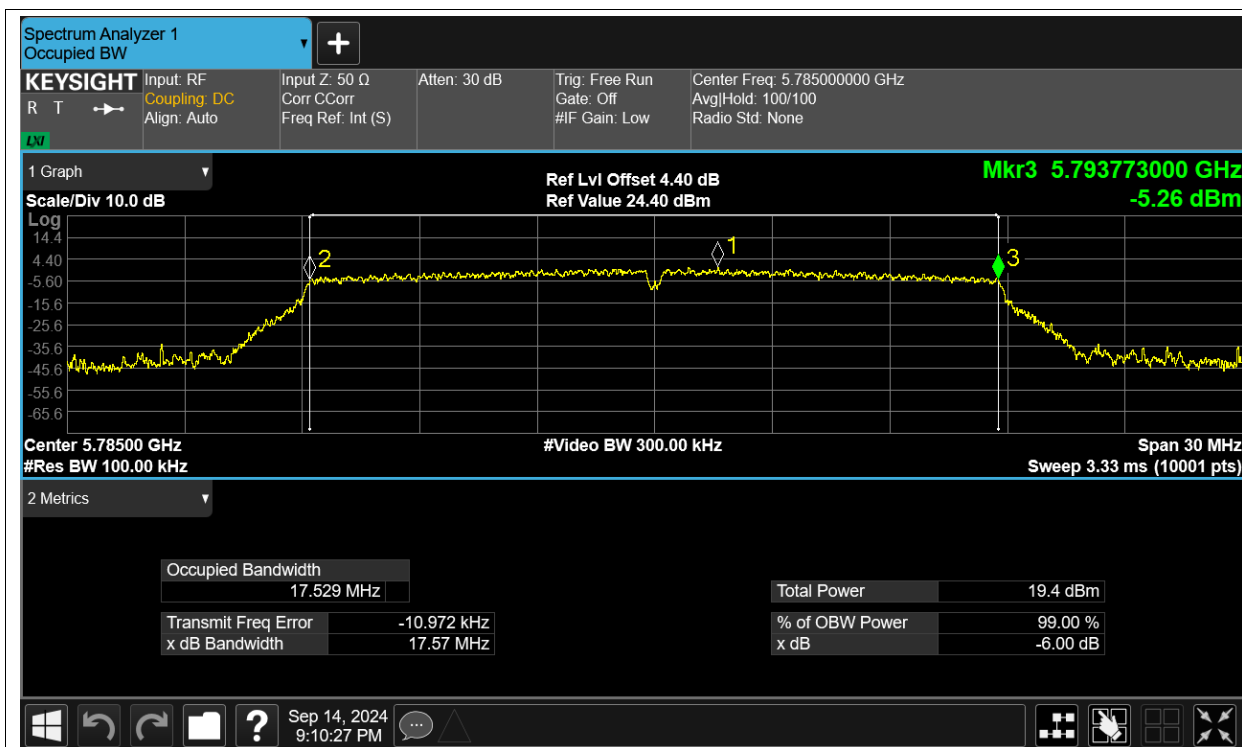
-6dB Bandwidth NVNT ac80 5775MHz Ant0



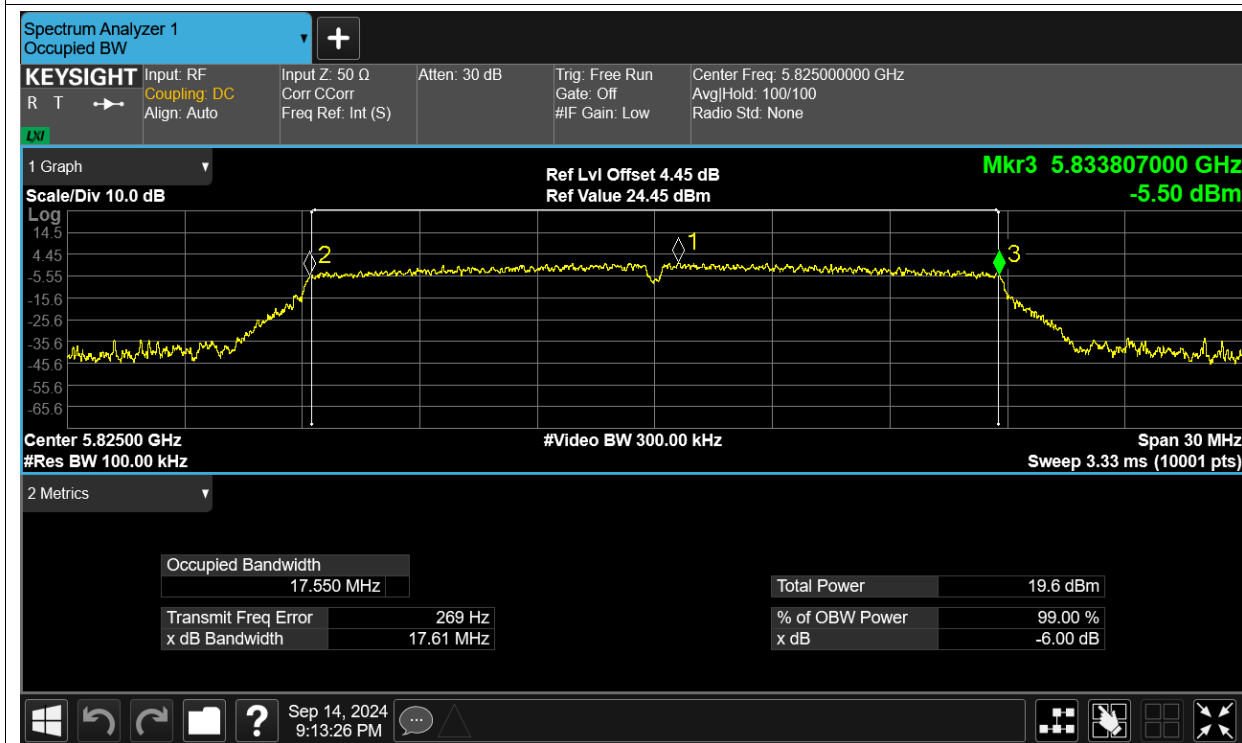
-6dB Bandwidth NVNT n20 5745MHz Ant0



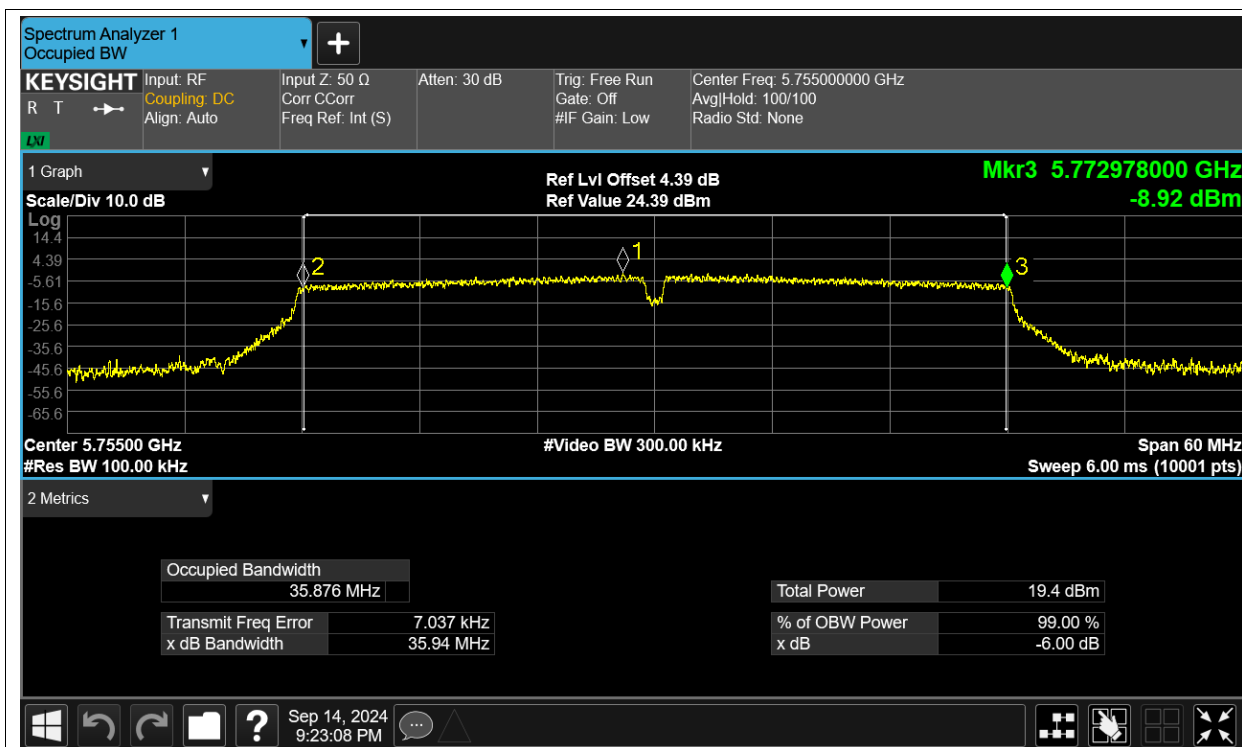
-6dB Bandwidth NVNT n20 5785MHz Ant0



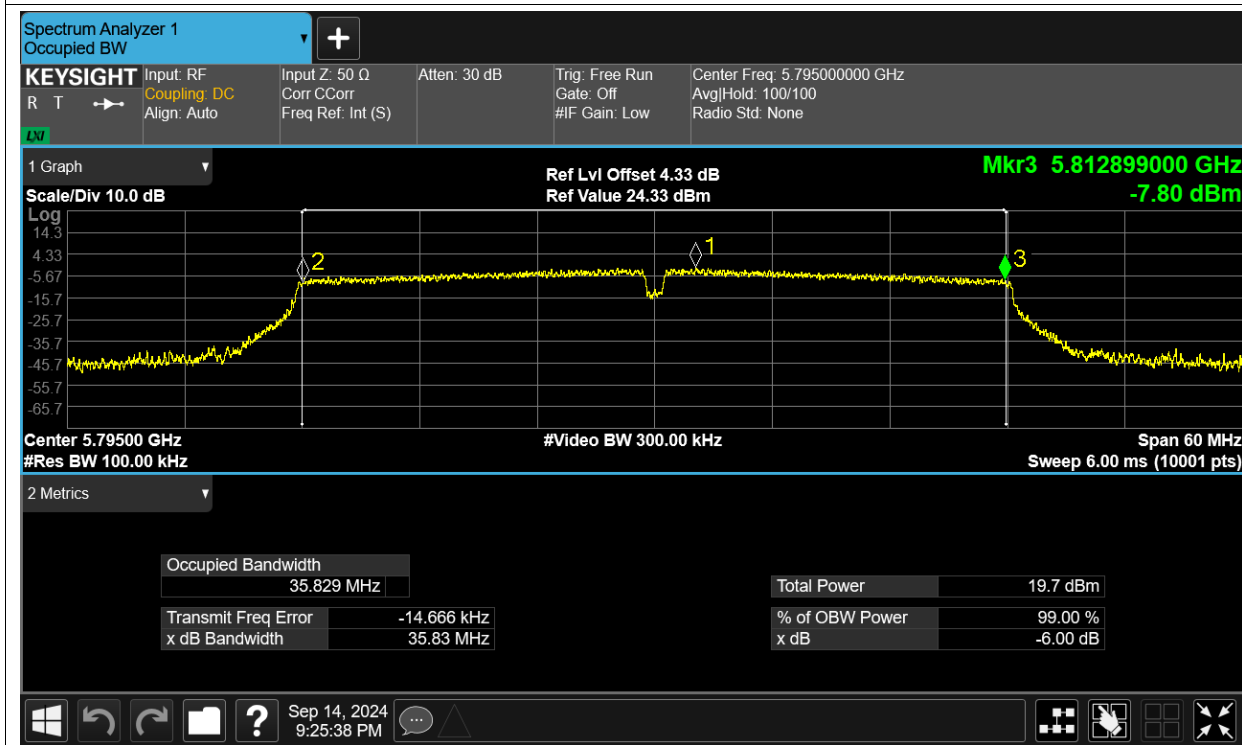
-6dB Bandwidth NVNT n20 5825MHz Ant0



-6dB Bandwidth NVNT n40 5755MHz Ant0



-6dB Bandwidth NVNT n40 5795MHz Ant0

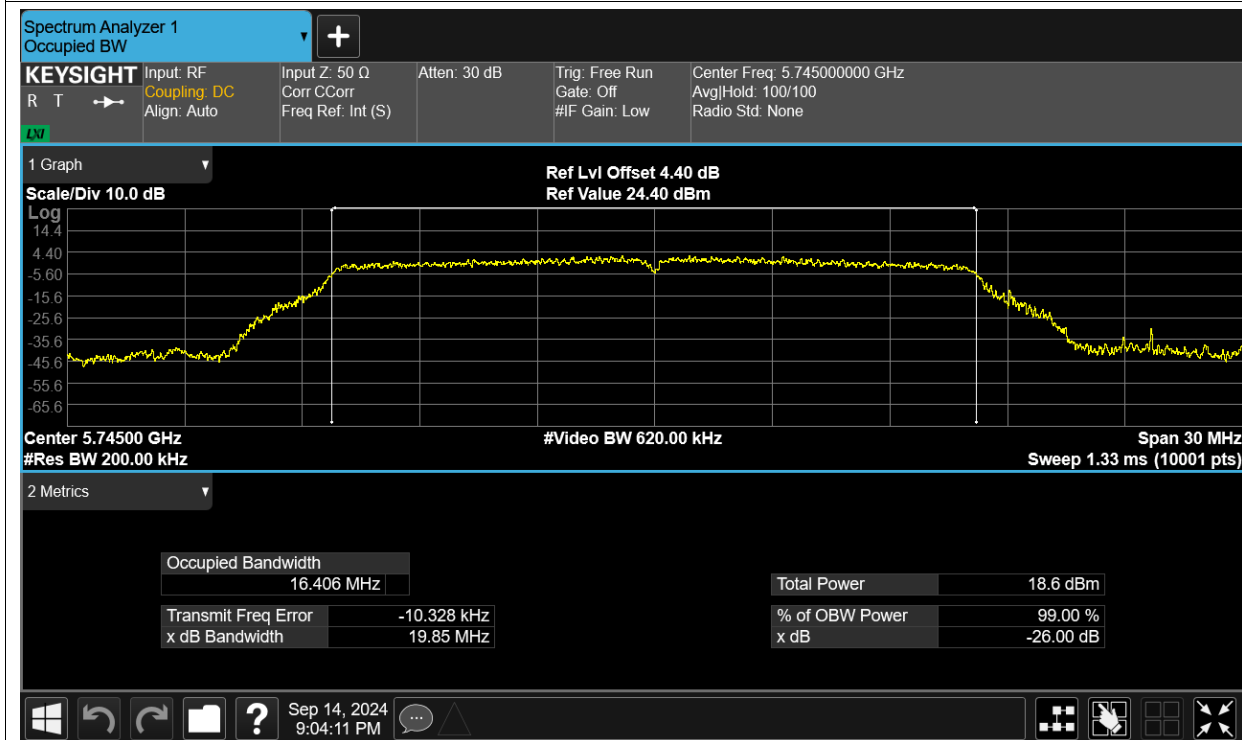


Occupied Channel Bandwidth

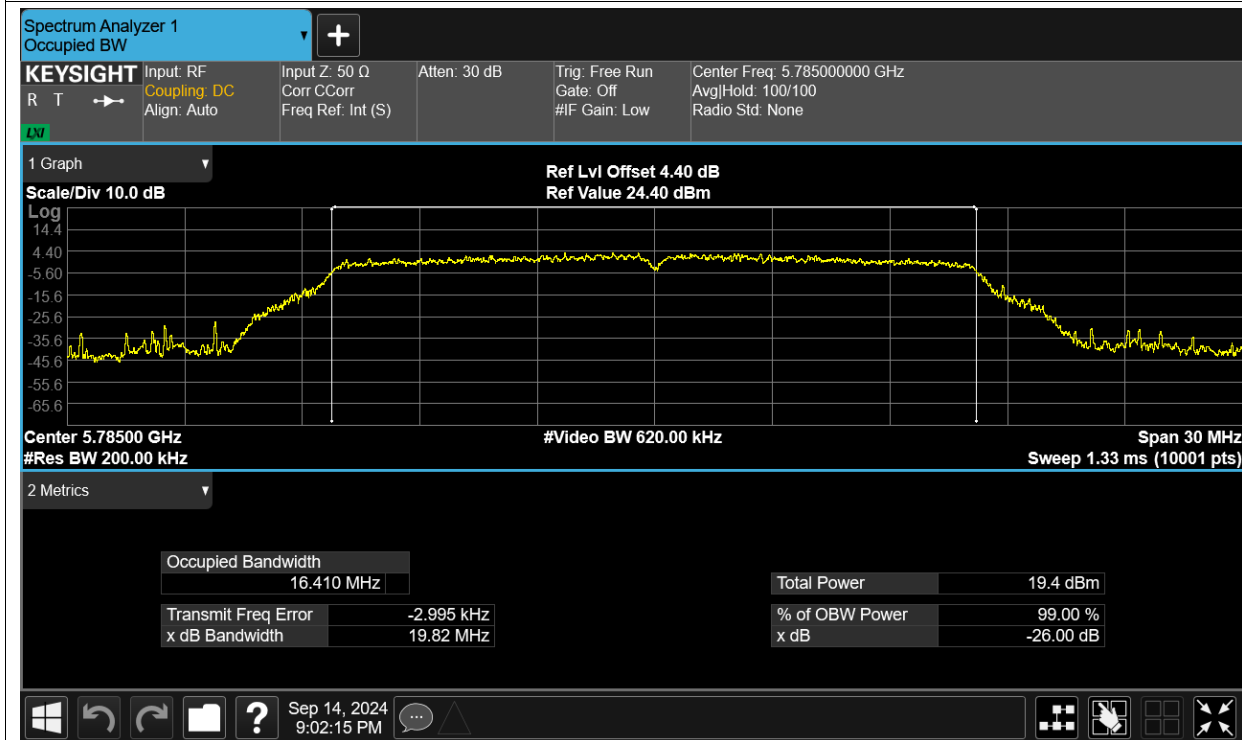
Condition	Mode	Frequency (MHz)	Antenna	99% OBW (MHz)
NVNT	a	5745	Ant0	16.406
NVNT	a	5785	Ant0	16.41
NVNT	a	5825	Ant0	16.418
NVNT	ac20	5745	Ant0	17.588
NVNT	ac20	5785	Ant0	17.575
NVNT	ac20	5825	Ant0	17.548
NVNT	ac40	5755	Ant0	35.967
NVNT	ac40	5795	Ant0	35.885
NVNT	ac80	5775	Ant0	75.073
NVNT	n20	5745	Ant0	17.575
NVNT	n20	5785	Ant0	17.564
NVNT	n20	5825	Ant0	17.584
NVNT	n40	5755	Ant0	36.007
NVNT	n40	5795	Ant0	35.95

Test Graphs

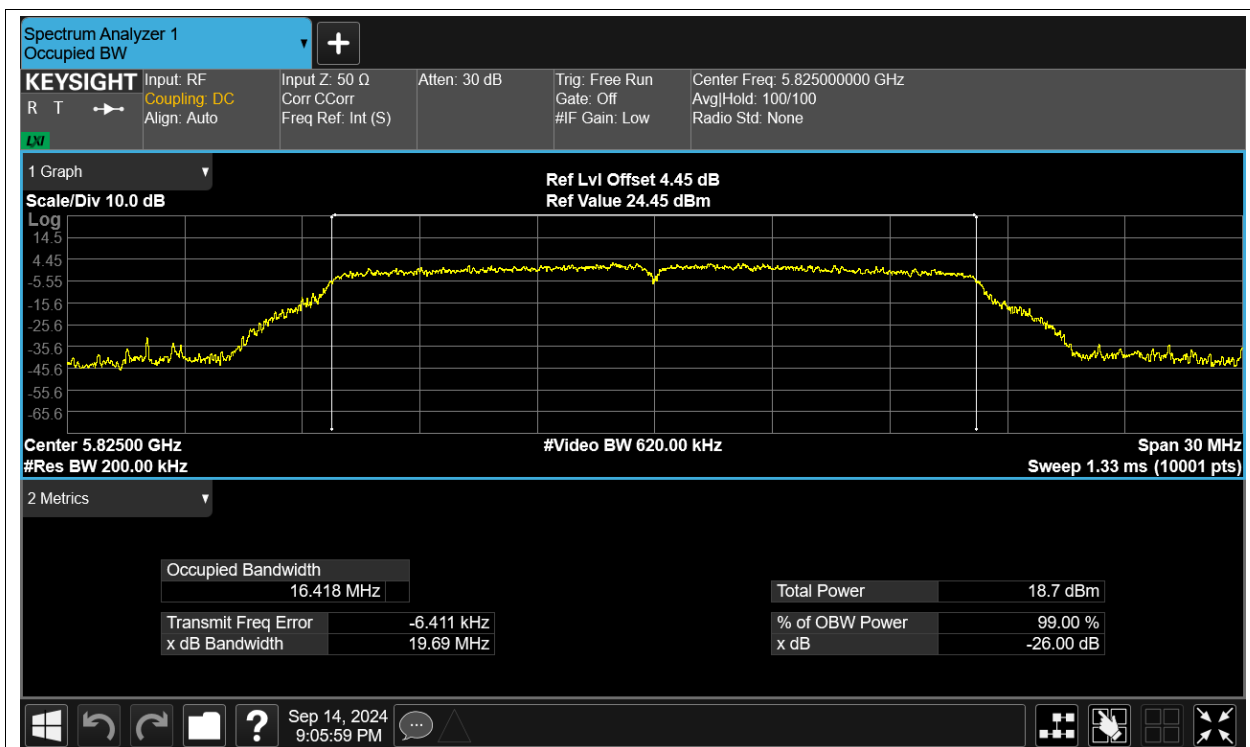
OBW NVNT a 5745MHz Ant0



OBW NVNT a 5785MHz Ant0



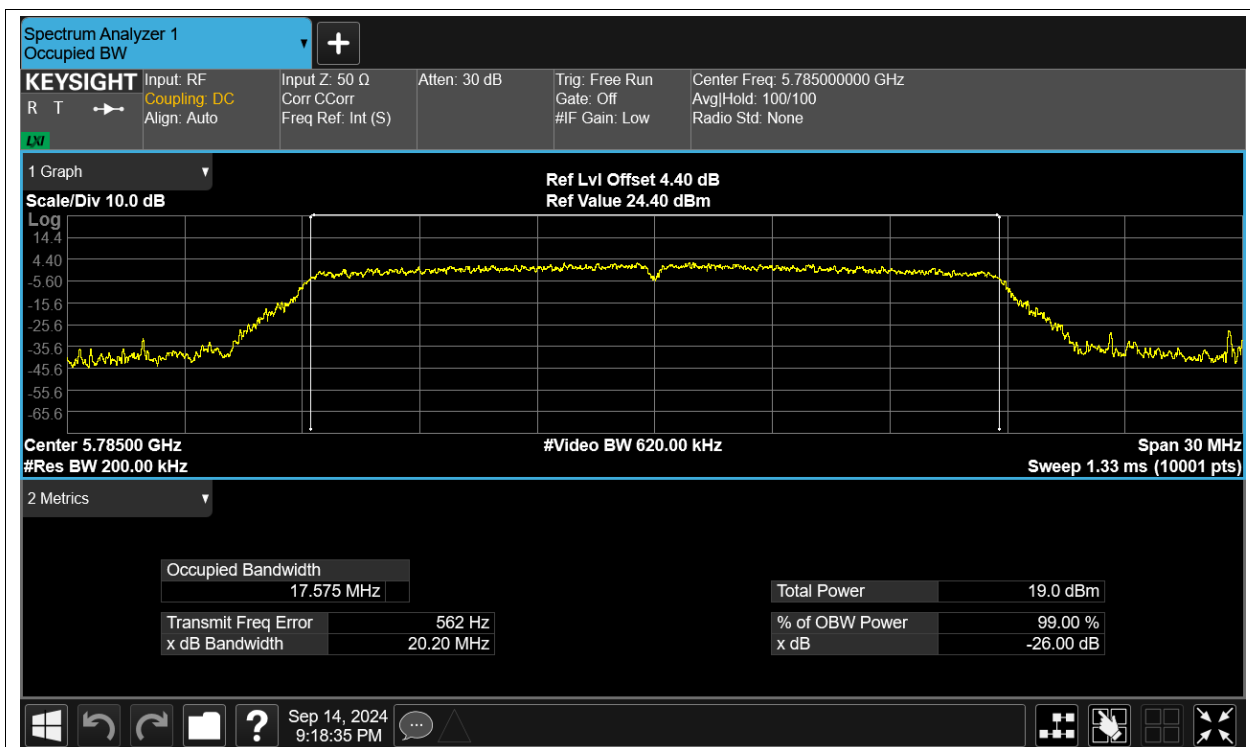
OBW NVNT a 5825MHz Ant0



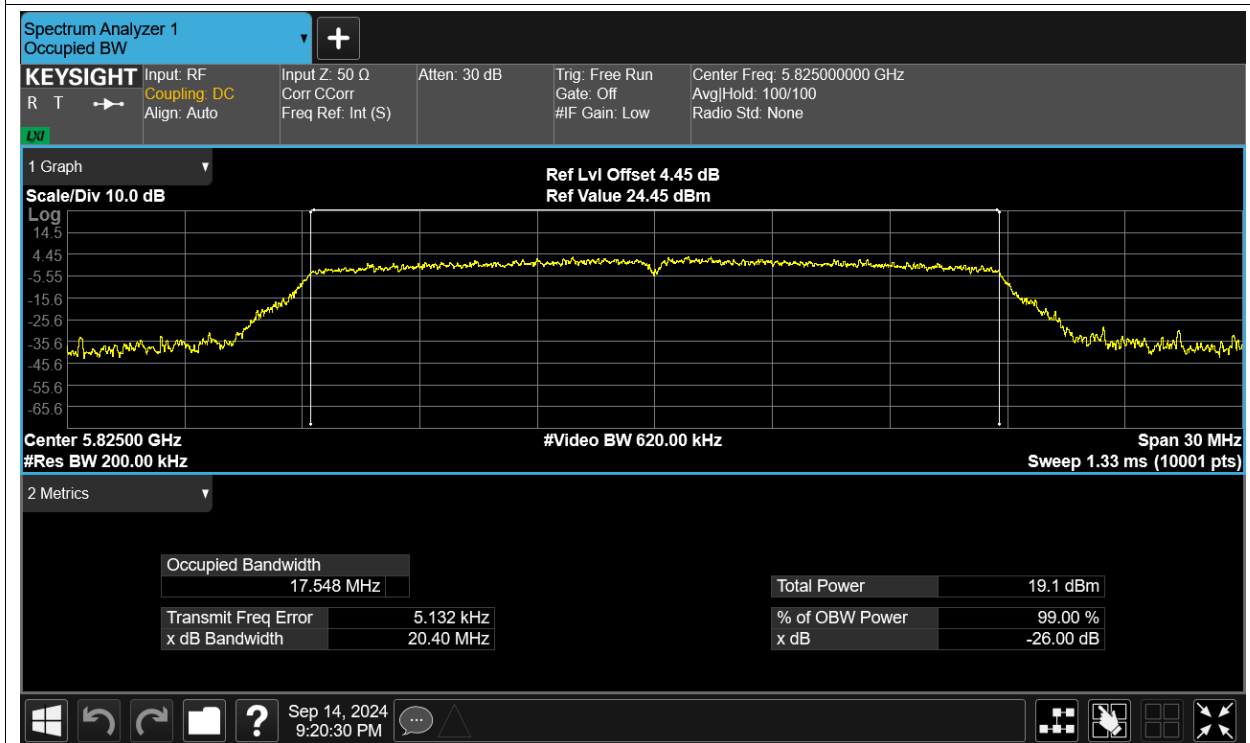
OBW NVNT ac20 5745MHz Ant0



OBW NVNT ac20 5785MHz Ant0



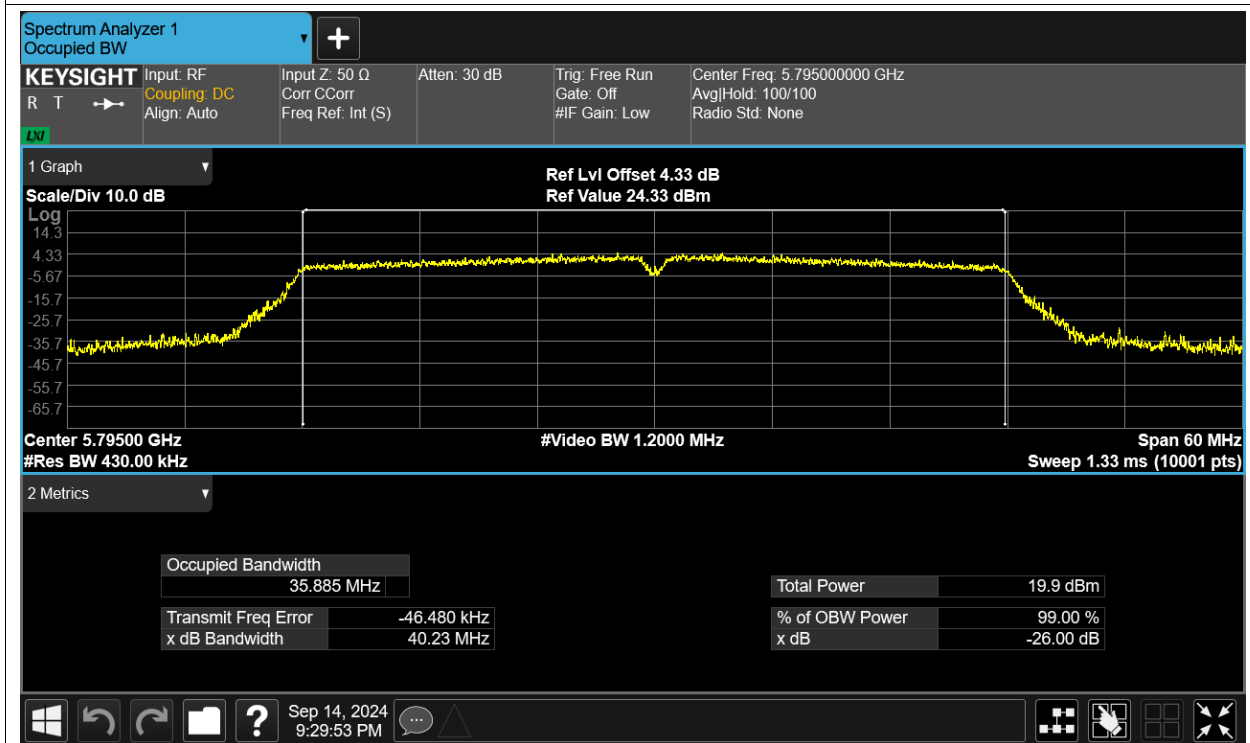
OBW NVNT ac20 5825MHz Ant0



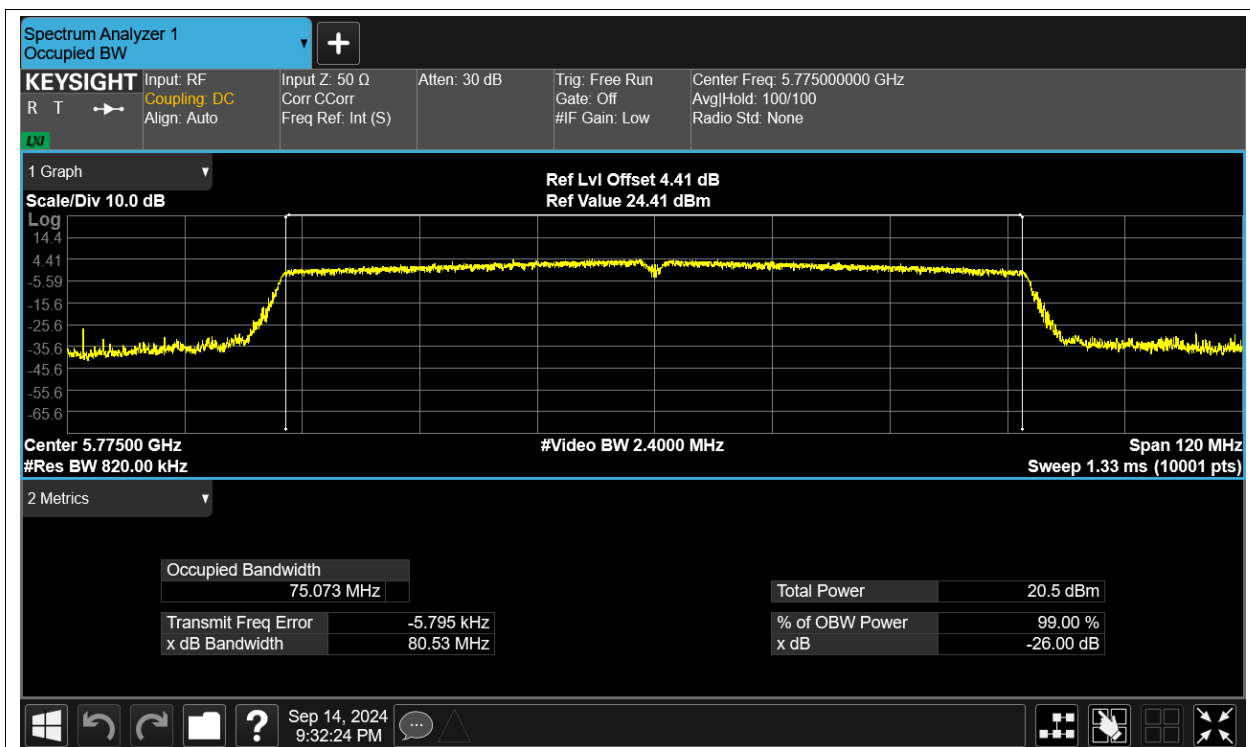
OBW NVNT ac40 5755MHz Ant0



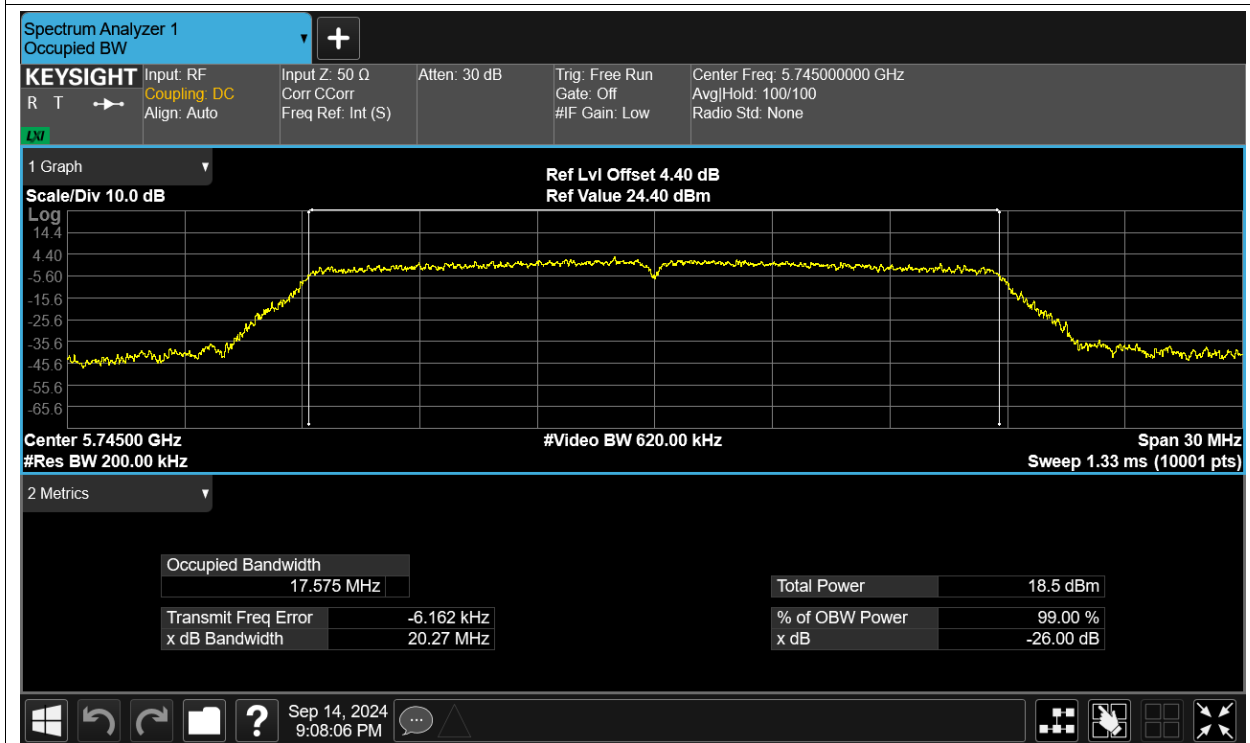
OBW NVNT ac40 5795MHz Ant0



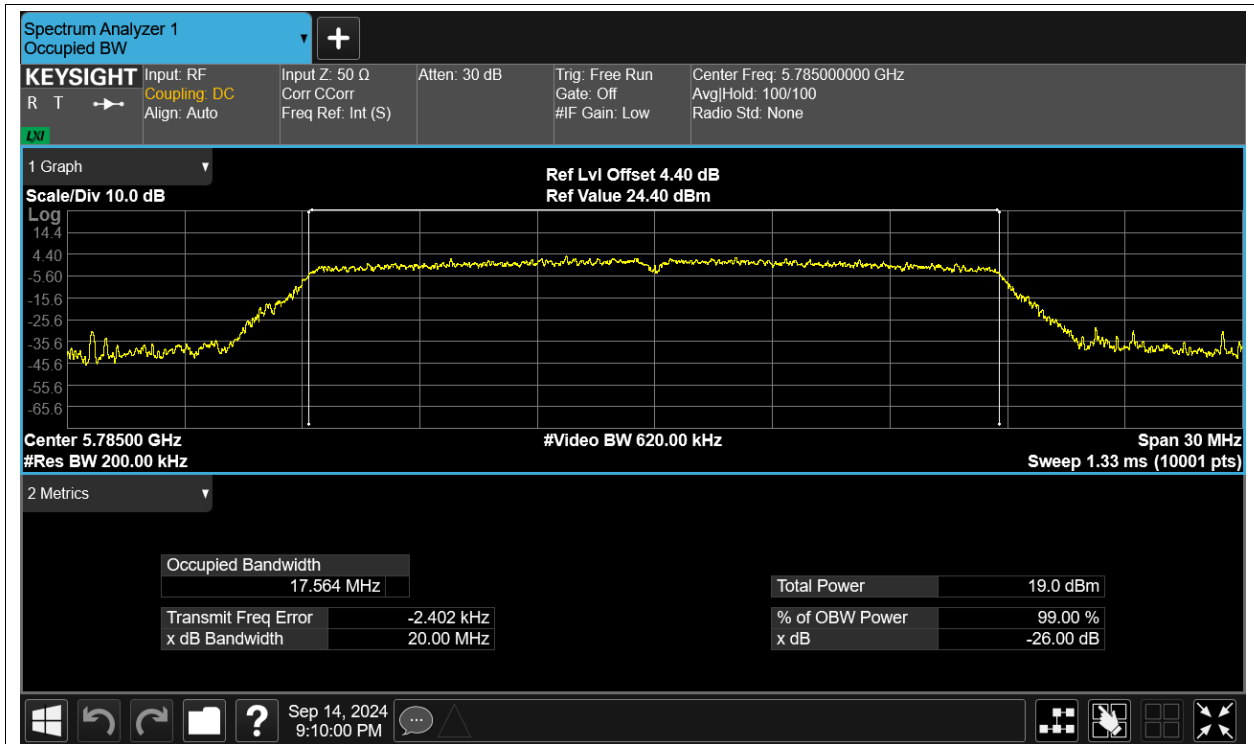
OBW NVNT ac80 5775MHz Ant0



OBW NVNT n20 5745MHz Ant0



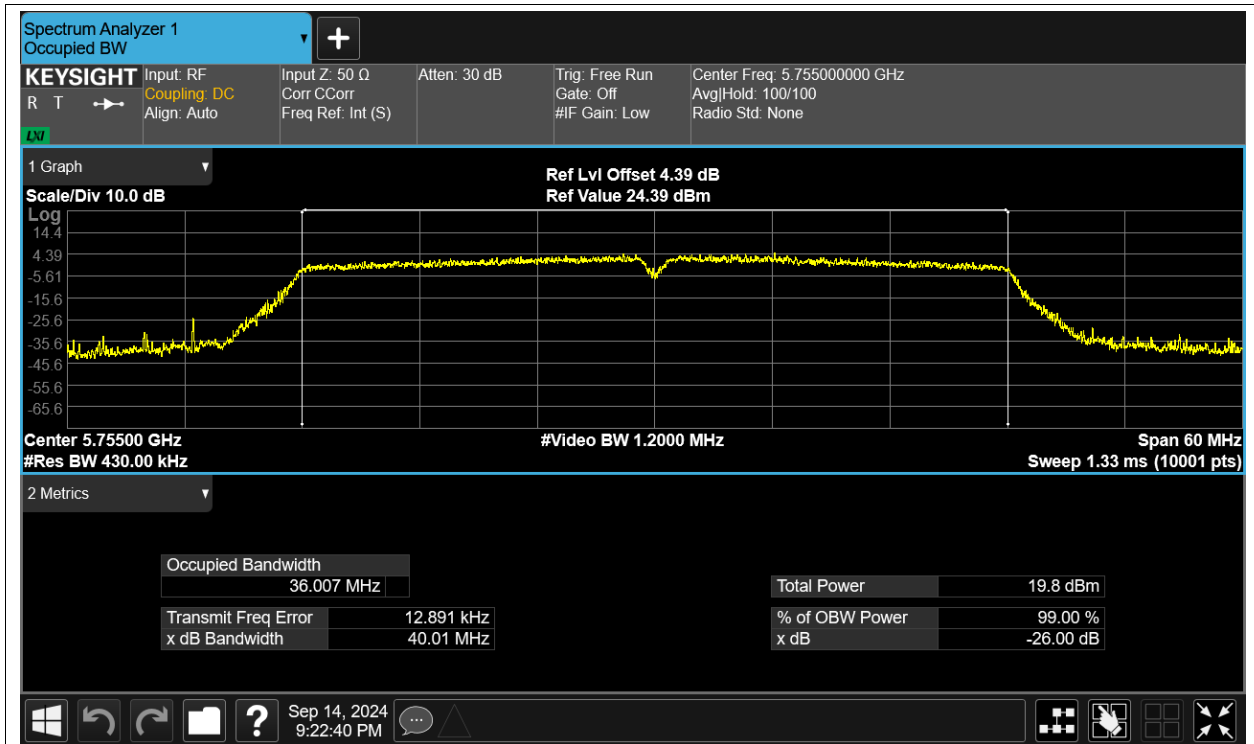
OBW NVNT n20 5785MHz Ant0



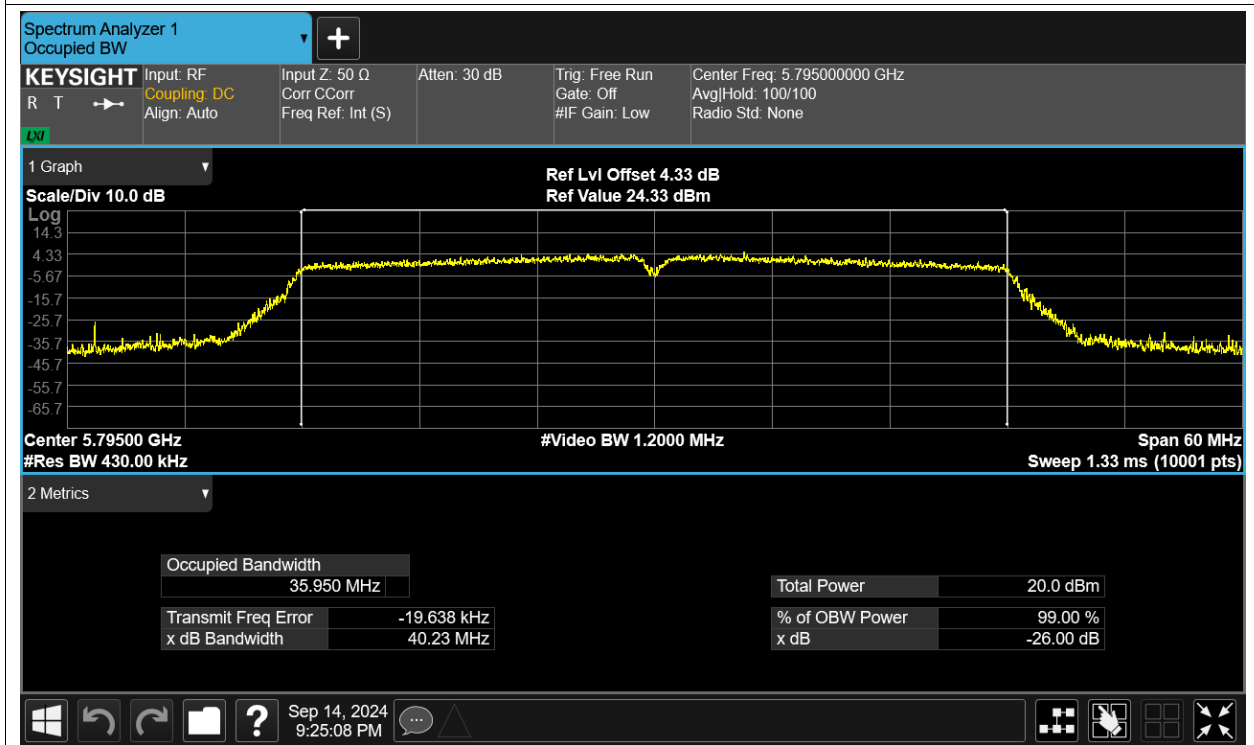
OBW NVNT n20 5825MHz Ant0



OBW NVNT n40 5755MHz Ant0



OBW NVNT n40 5795MHz Ant0

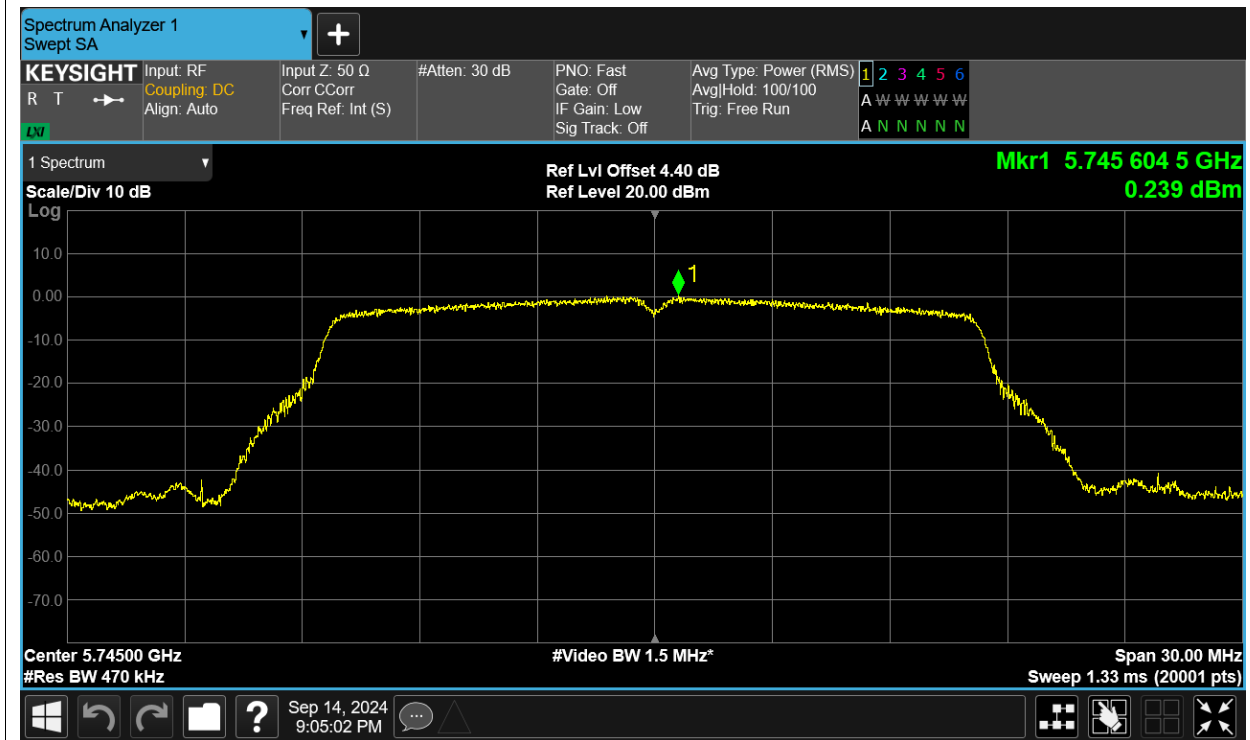


Maximum Power Spectral Density Level

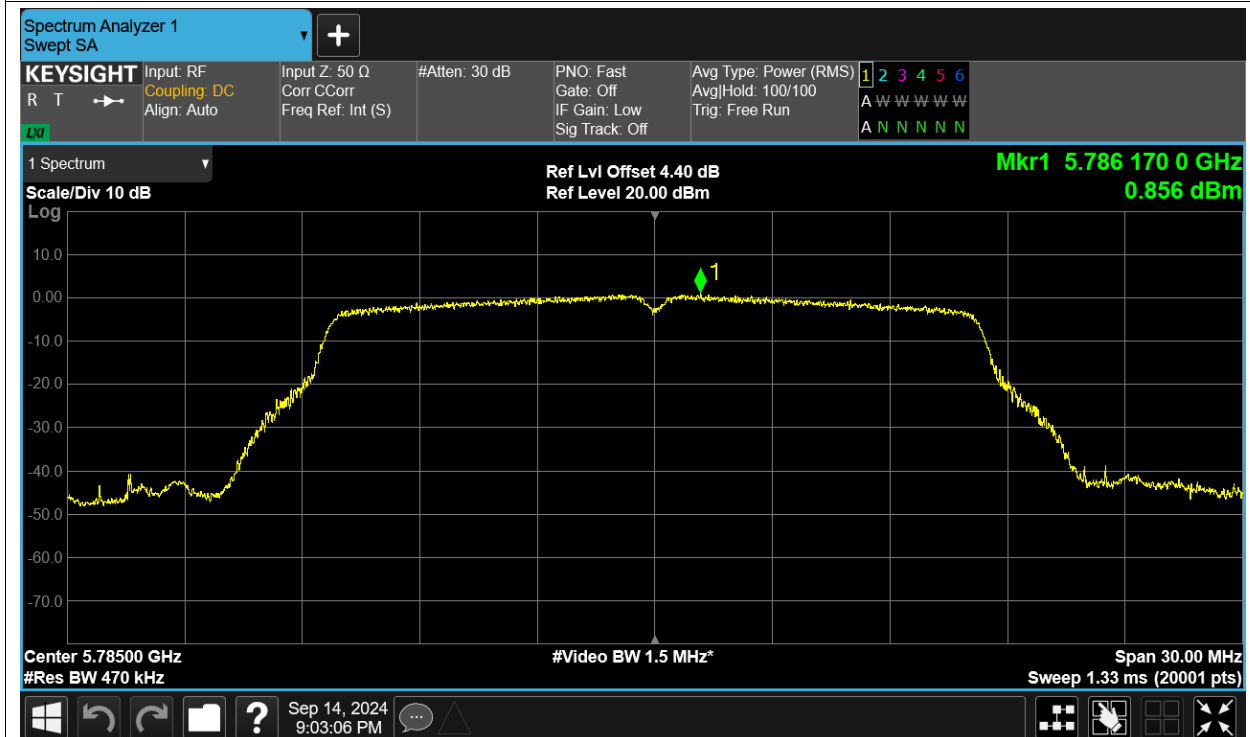
Condition	Mode	Frequency (MHz)	Antenna	Max PSD (dBm)	Limit (dBm)	Verdict
NVNT	a	5745	Ant0	0.239	30	Pass
NVNT	a	5785	Ant0	0.856	30	Pass
NVNT	a	5825	Ant0	0.341	30	Pass
NVNT	ac20	5745	Ant0	0.665	30	Pass
NVNT	ac20	5785	Ant0	0.361	30	Pass
NVNT	ac20	5825	Ant0	0.964	30	Pass
NVNT	ac40	5755	Ant0	-1.746	30	Pass
NVNT	ac40	5795	Ant0	-1.833	30	Pass
NVNT	ac80	5775	Ant0	-5.044	30	Pass
NVNT	n20	5745	Ant0	-0.194	30	Pass
NVNT	n20	5785	Ant0	0.472	30	Pass
NVNT	n20	5825	Ant0	0.773	30	Pass
NVNT	n40	5755	Ant0	-1.759	30	Pass
NVNT	n40	5795	Ant0	-1.512	30	Pass

Test Graphs

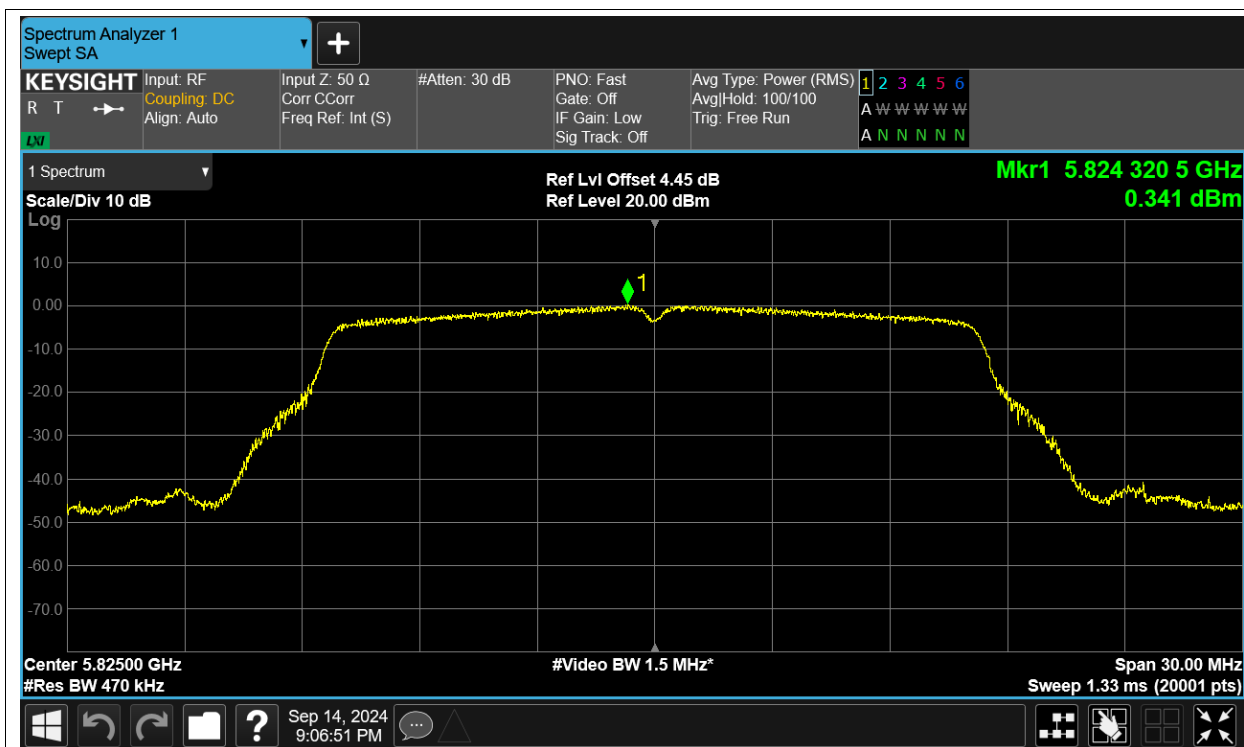
PSD NVNT a 5745MHz Ant0



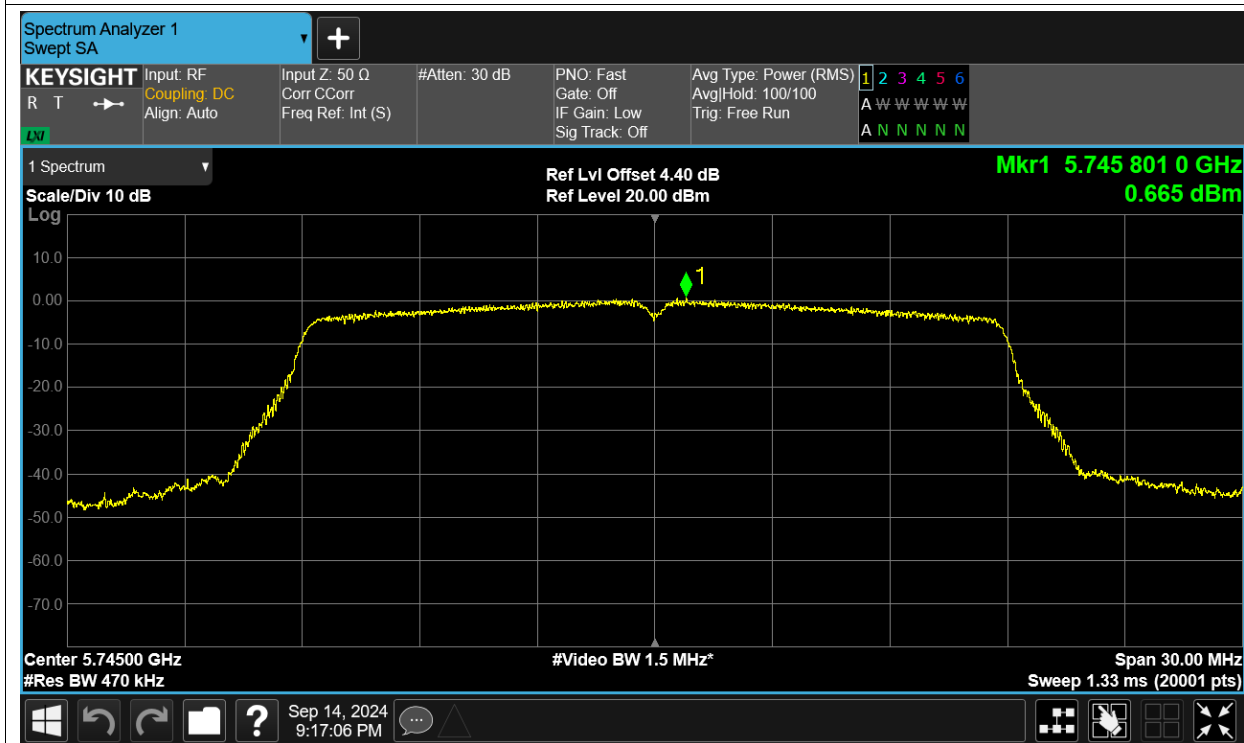
PSD NVNT a 5785MHz Ant0



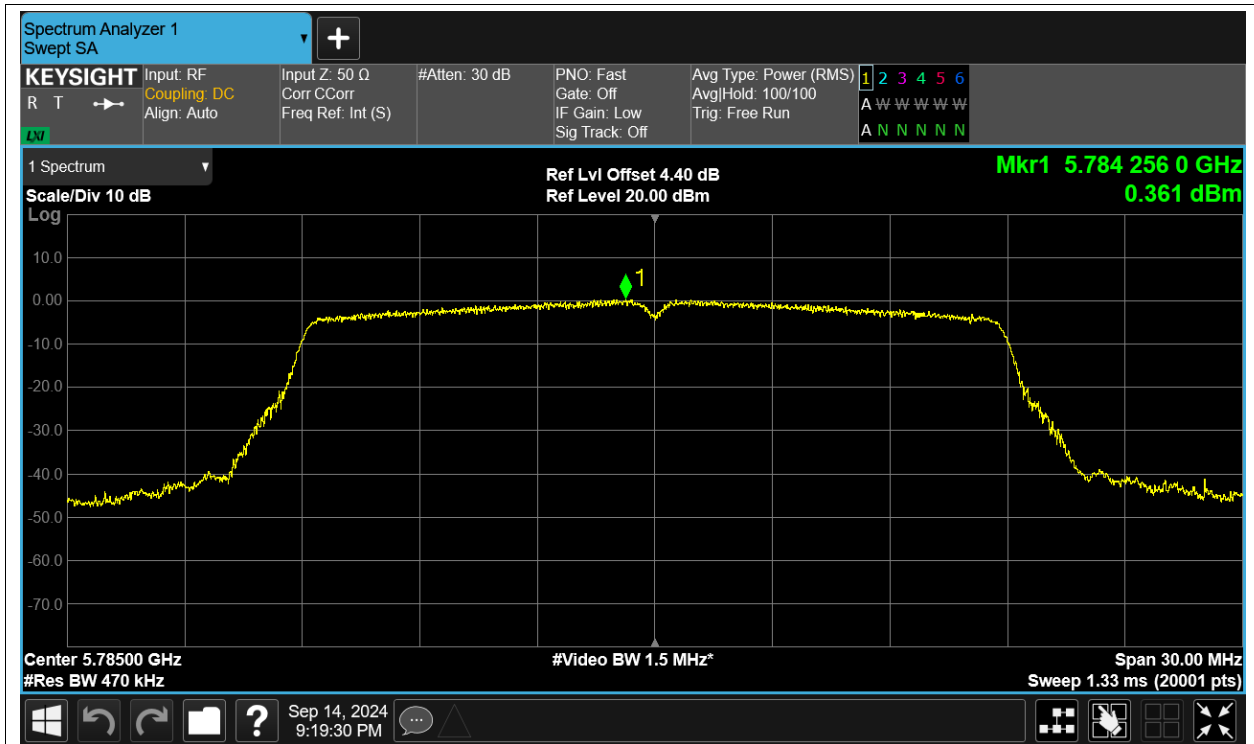
PSD NVNT a 5825MHz Ant0



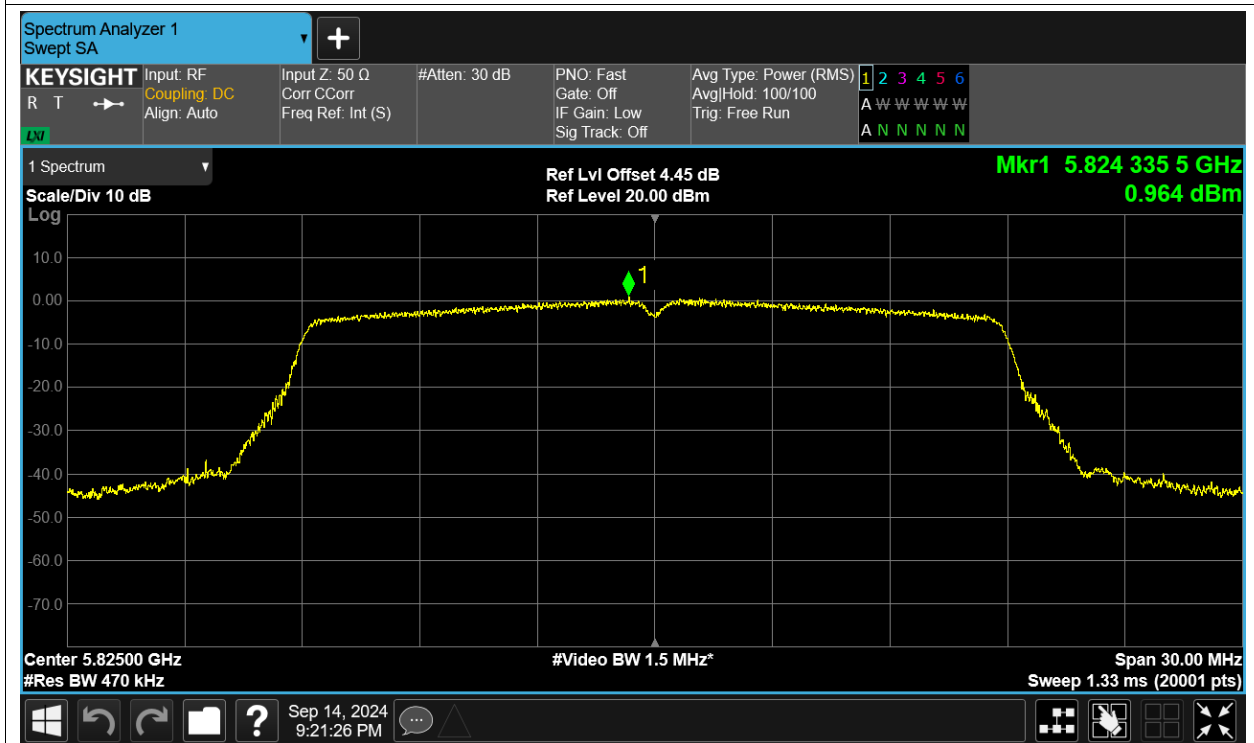
PSD NVNT ac20 5745MHz Ant0



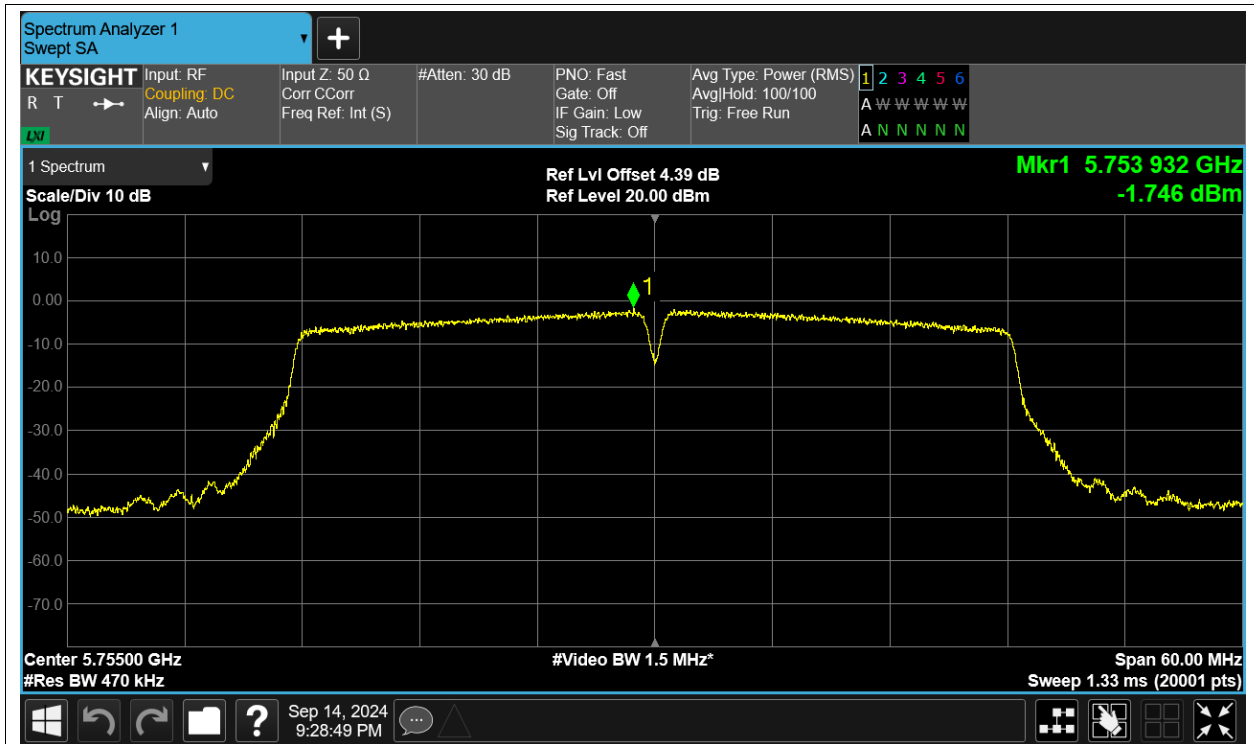
PSD NVNT ac20 5785MHz Ant0



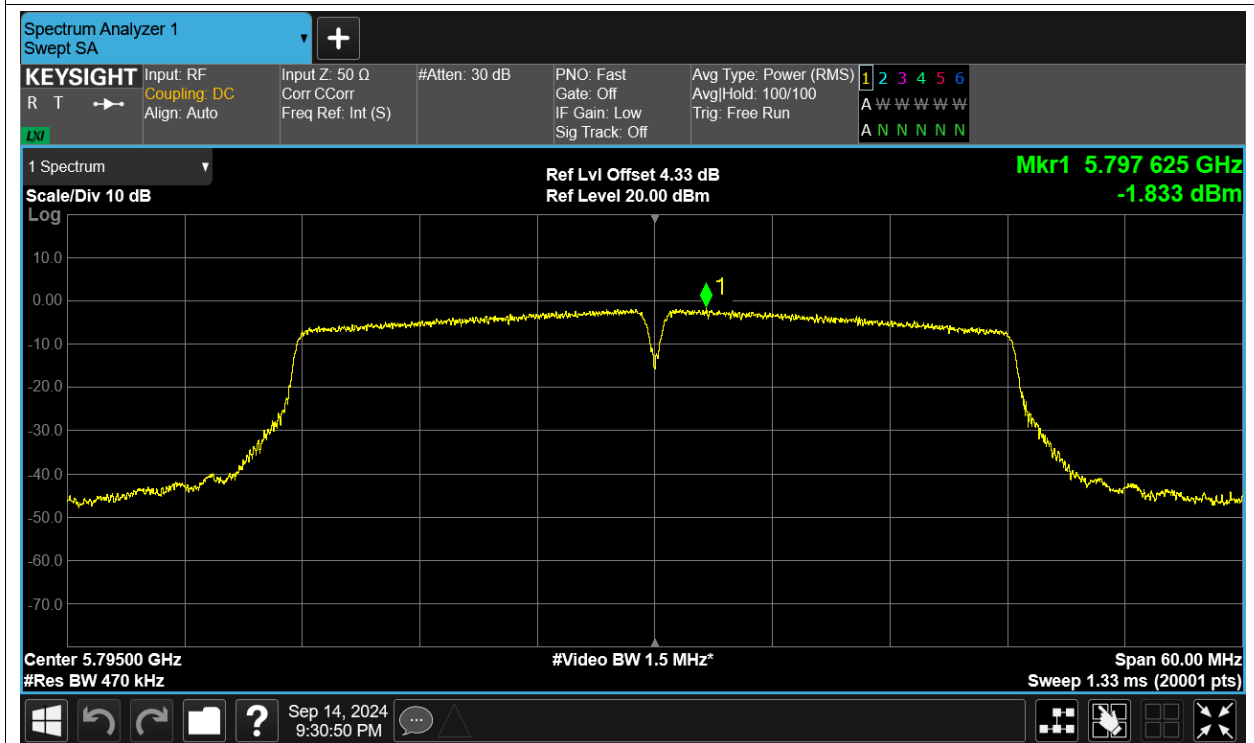
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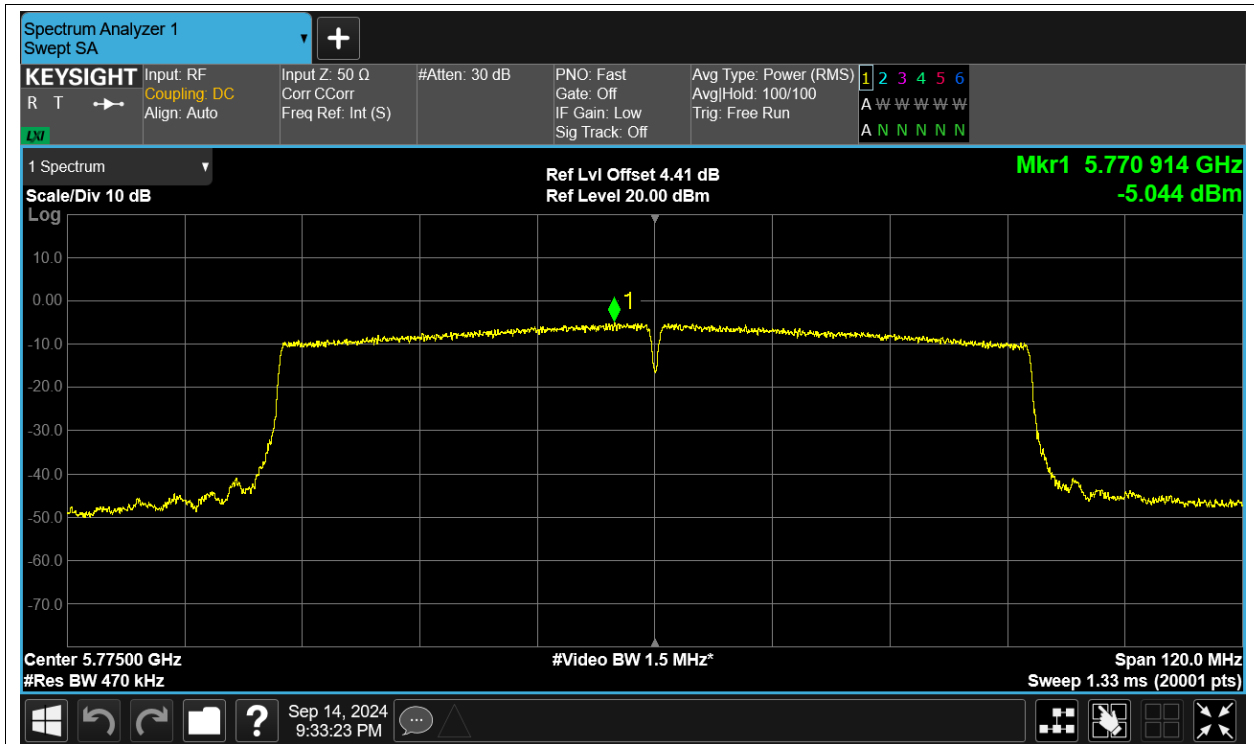
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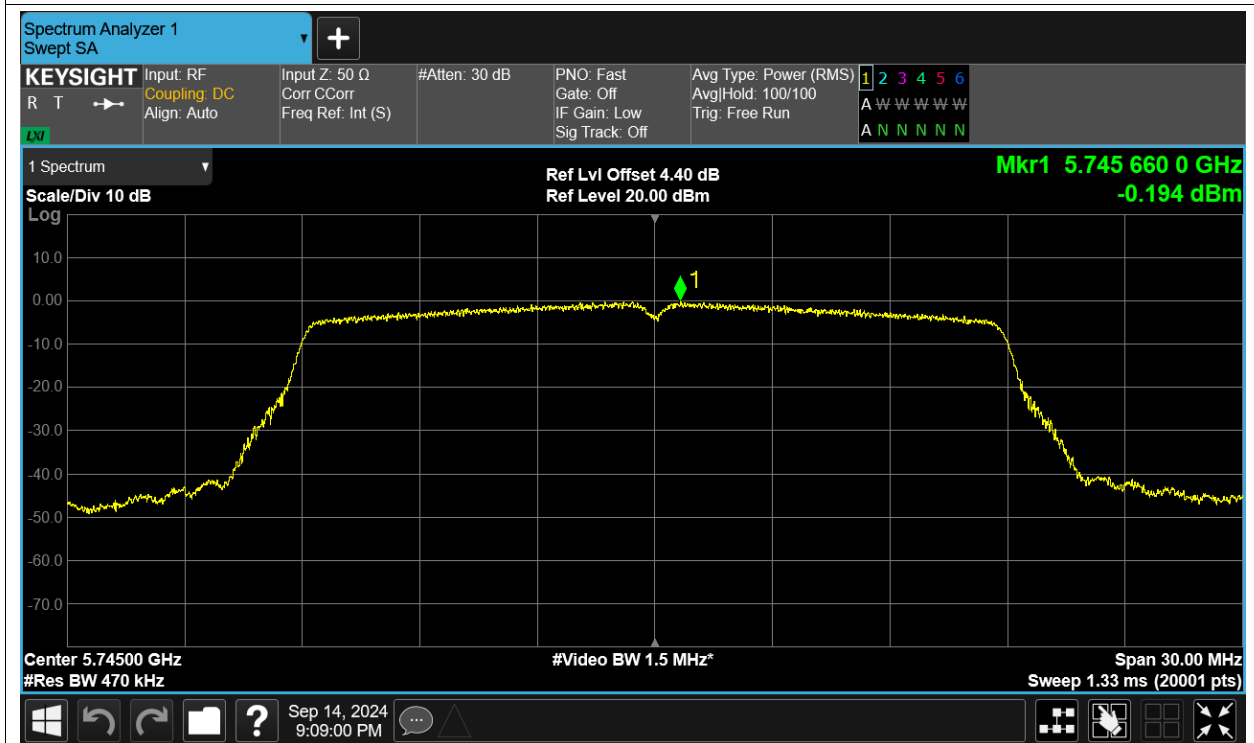
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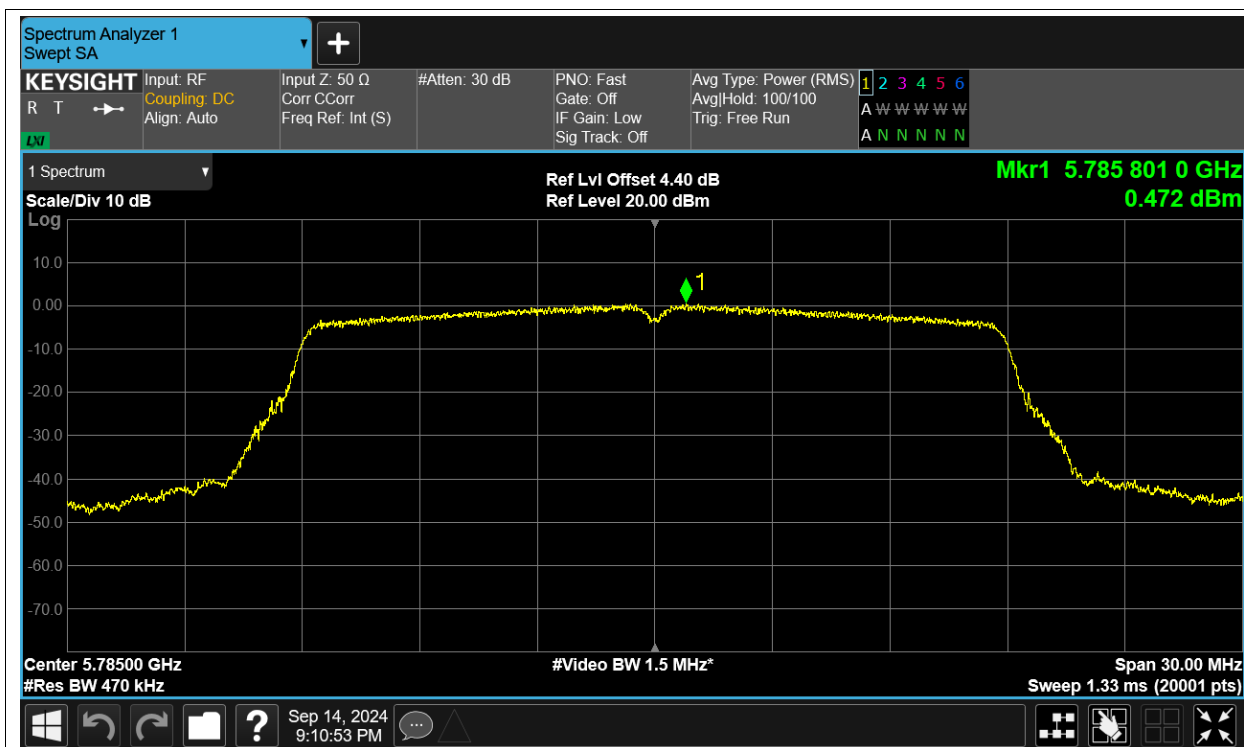
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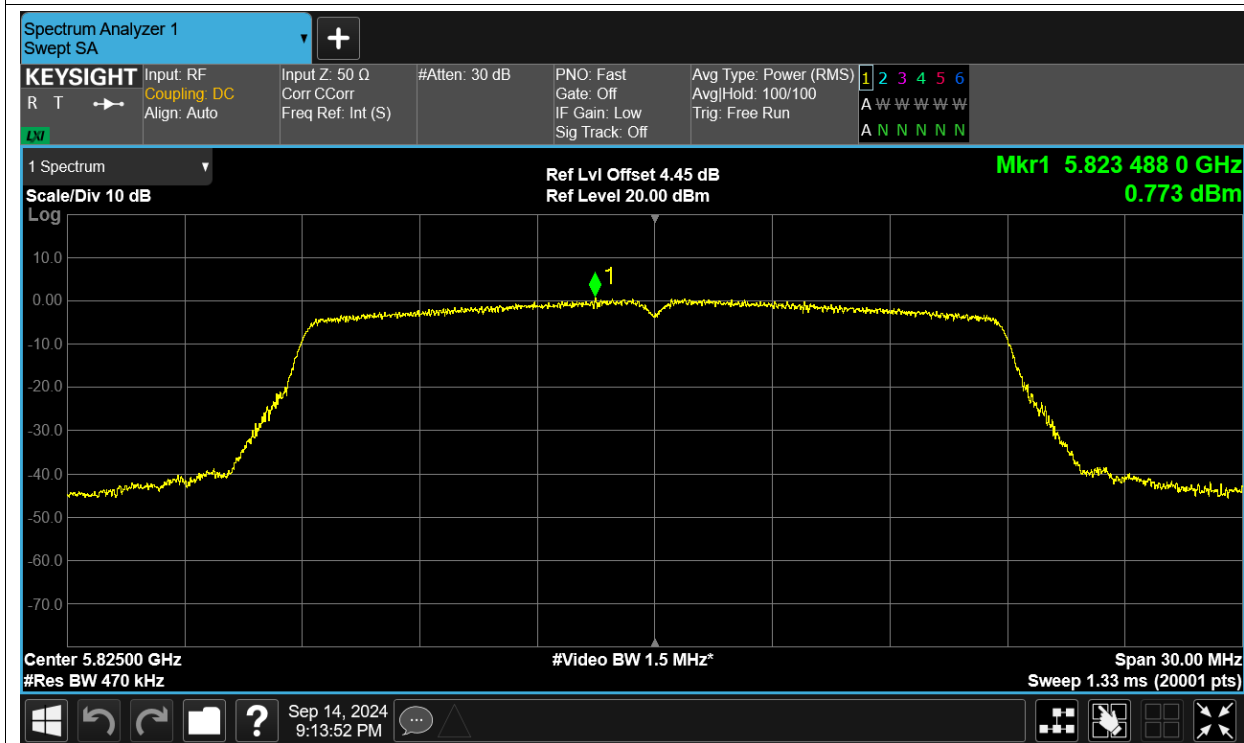
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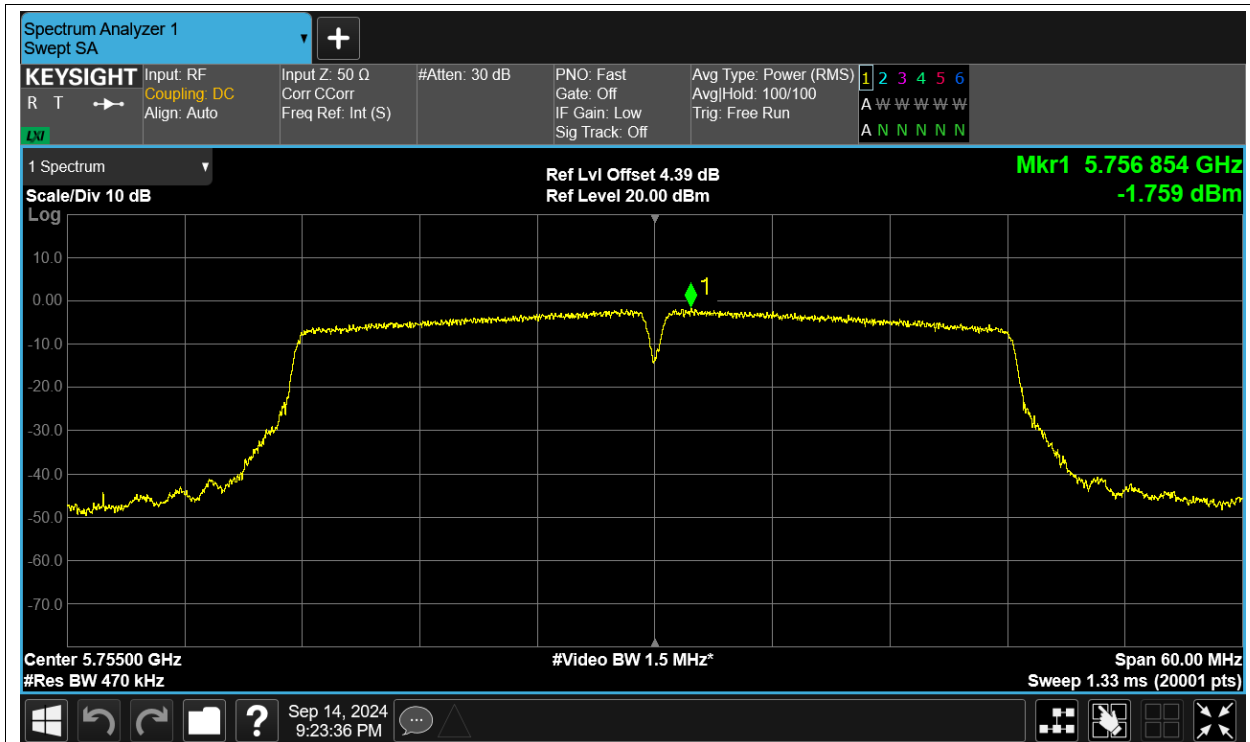
PSD NVNT n20 5785MHz Ant0



PSD NVNT n20 5825MHz Ant0



PSD NVNT n40 5755MHz Ant0



PSD NVNT n40 5795MHz Ant0

