

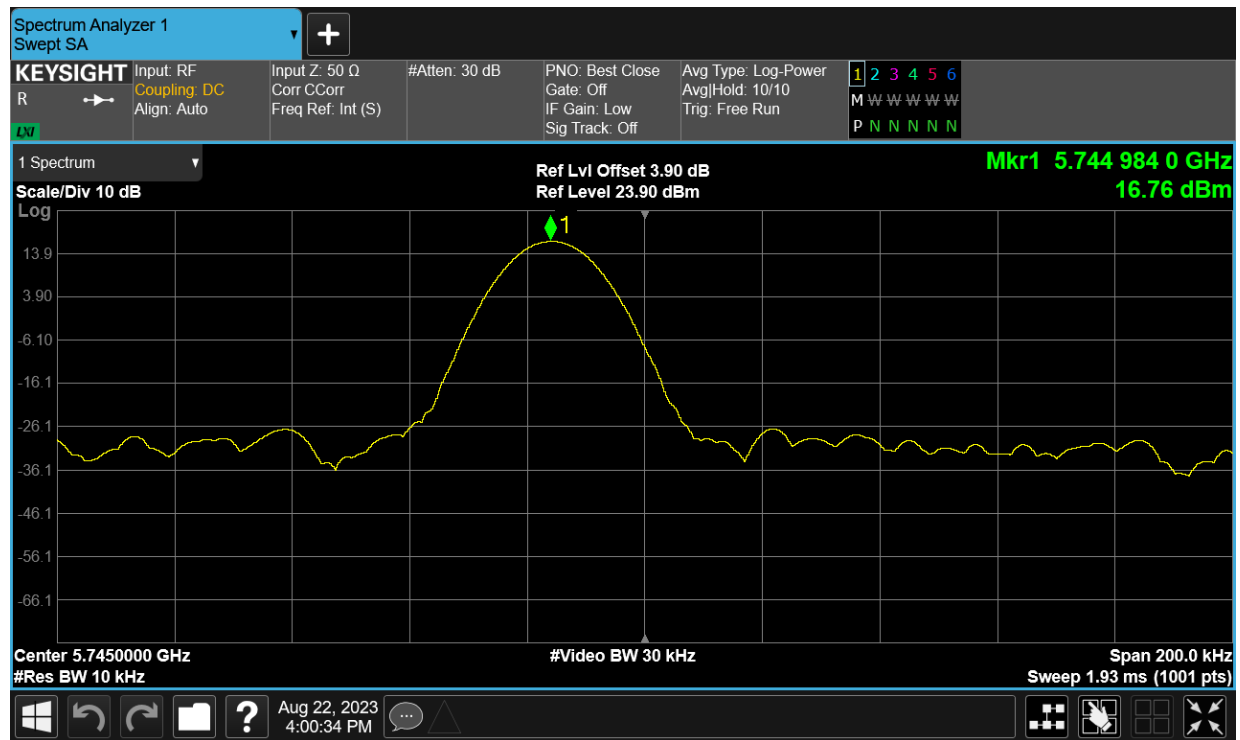
Test Data

Frequency Stability

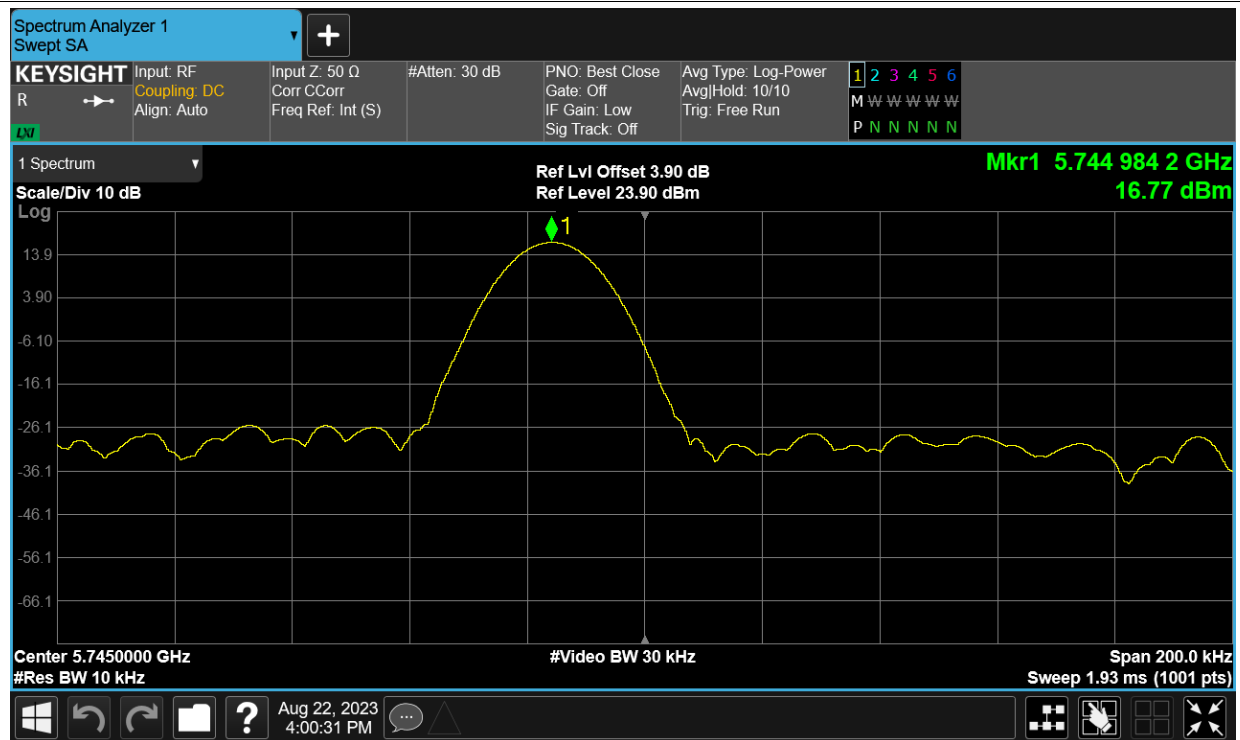
Condition	Mode	Frequency (MHz)	Antenna	Measured Frequency (MHz)	Deviation (ppm)	Limit (ppm)	Verdict
HVNT	a	5745	Ant12	5744.984	-2.79	Within authorized band	Pass
LVNT	a	5745	Ant12	5744.9842	-2.75		Pass
NVHT	a	5745	Ant12	5744.9842	-2.75		Pass
NVLT	a	5745	Ant12	5744.9844	-2.72		Pass
NVNT	a	5745	Ant12	5744.9844	-2.72		Pass
HVNT	ac80	5775	Ant12	5774.997	-0.52		Pass
LVNT	ac80	5775	Ant12	5774.9972	-0.48		Pass
NVHT	ac80	5775	Ant12	5774.9974	-0.45		Pass
NVLT	ac80	5775	Ant12	5774.9978	-0.38		Pass
NVNT	ac80	5775	Ant12	5774.9966	-0.59		Pass
HVNT	n40	5755	Ant12	5754.999	-0.17		Pass
LVNT	n40	5755	Ant12	5754.9998	-0.03		Pass
NVHT	n40	5755	Ant12	5754.9968	-0.56		Pass
NVLT	n40	5755	Ant12	5754.9968	-0.56		Pass
NVNT	n40	5755	Ant12	5754.997	-0.52		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

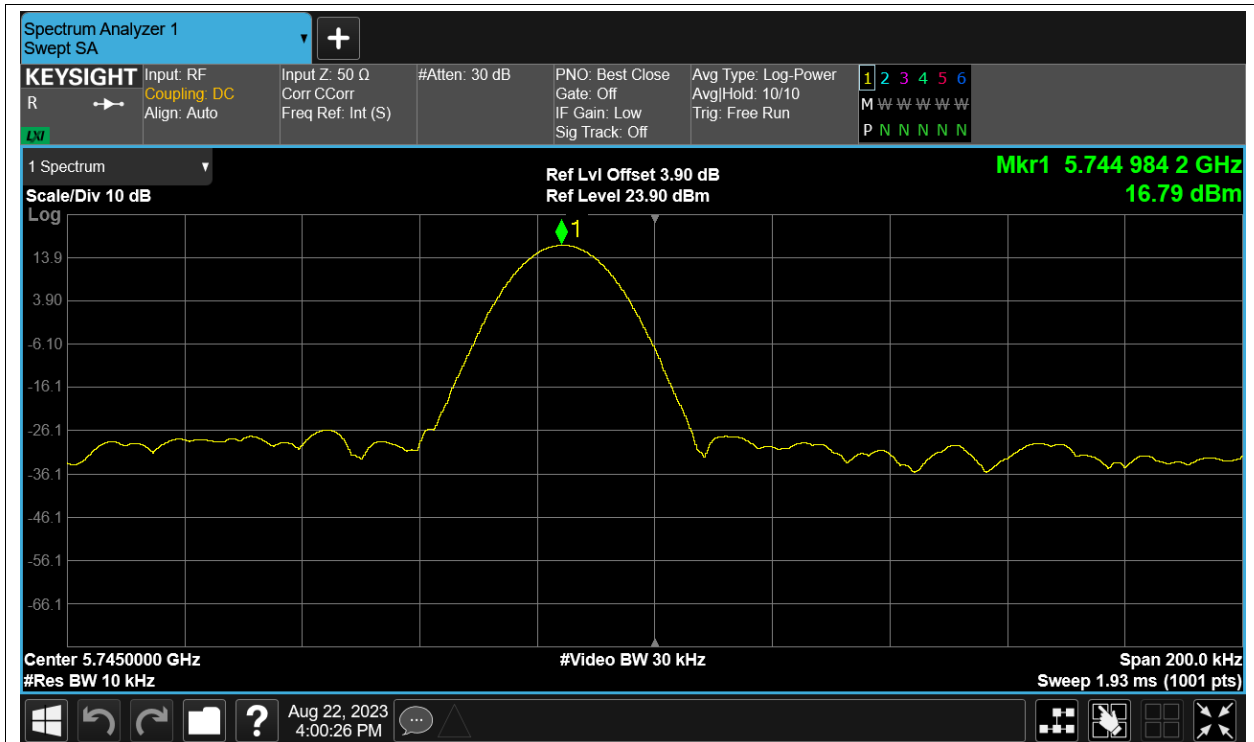
Freq. Stability HVNT a 5745MHz Ant12



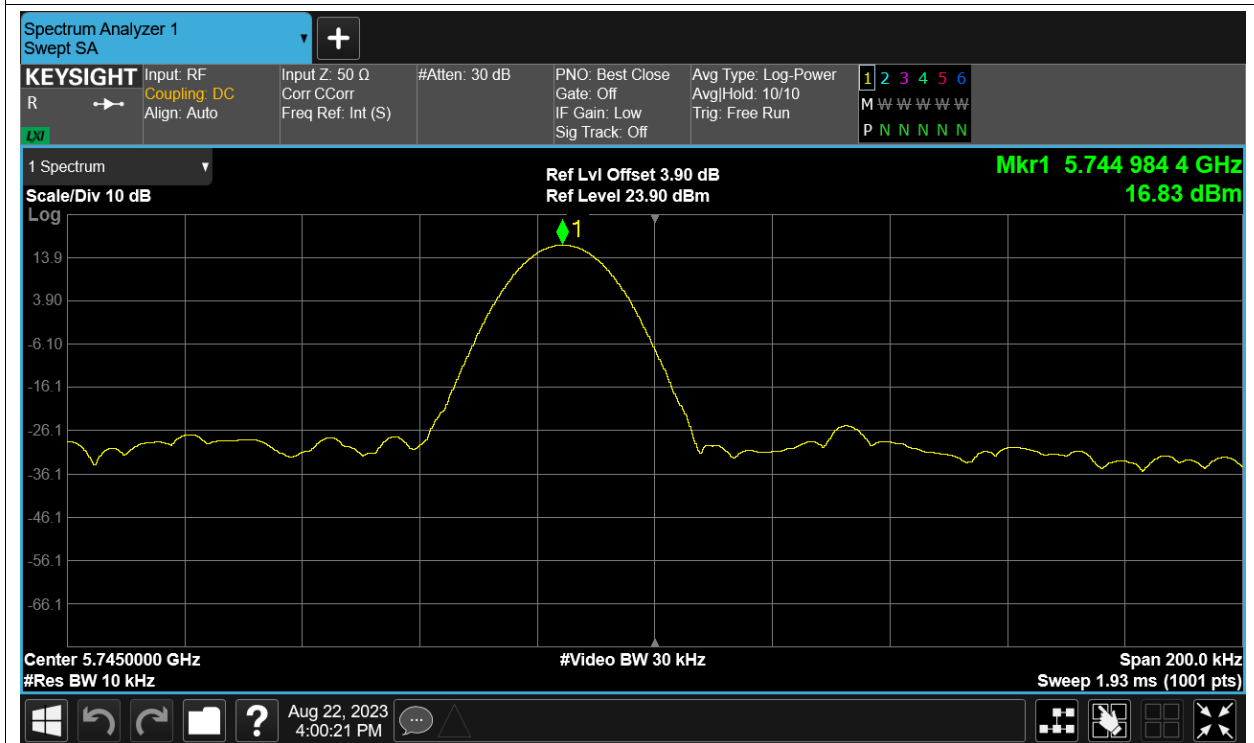
Freq. Stability LVNT a 5745MHz Ant12



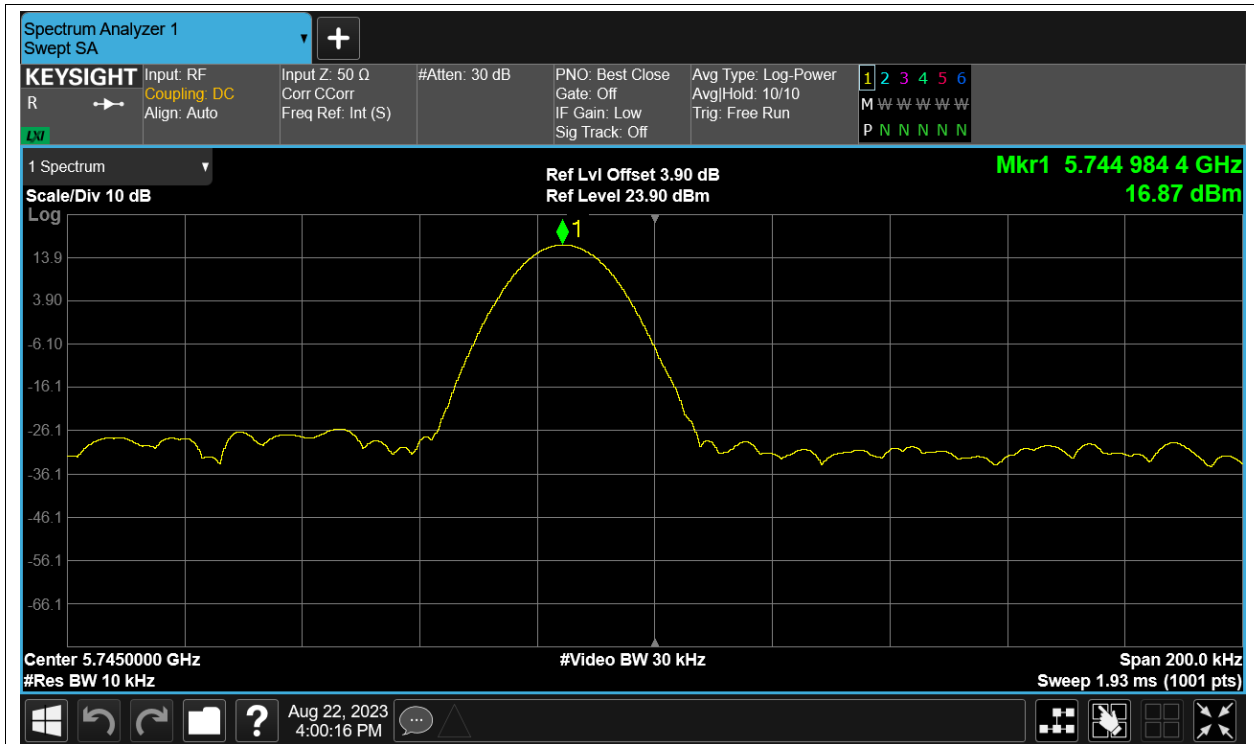
Freq. Stability NVHT a 5745MHz Ant12



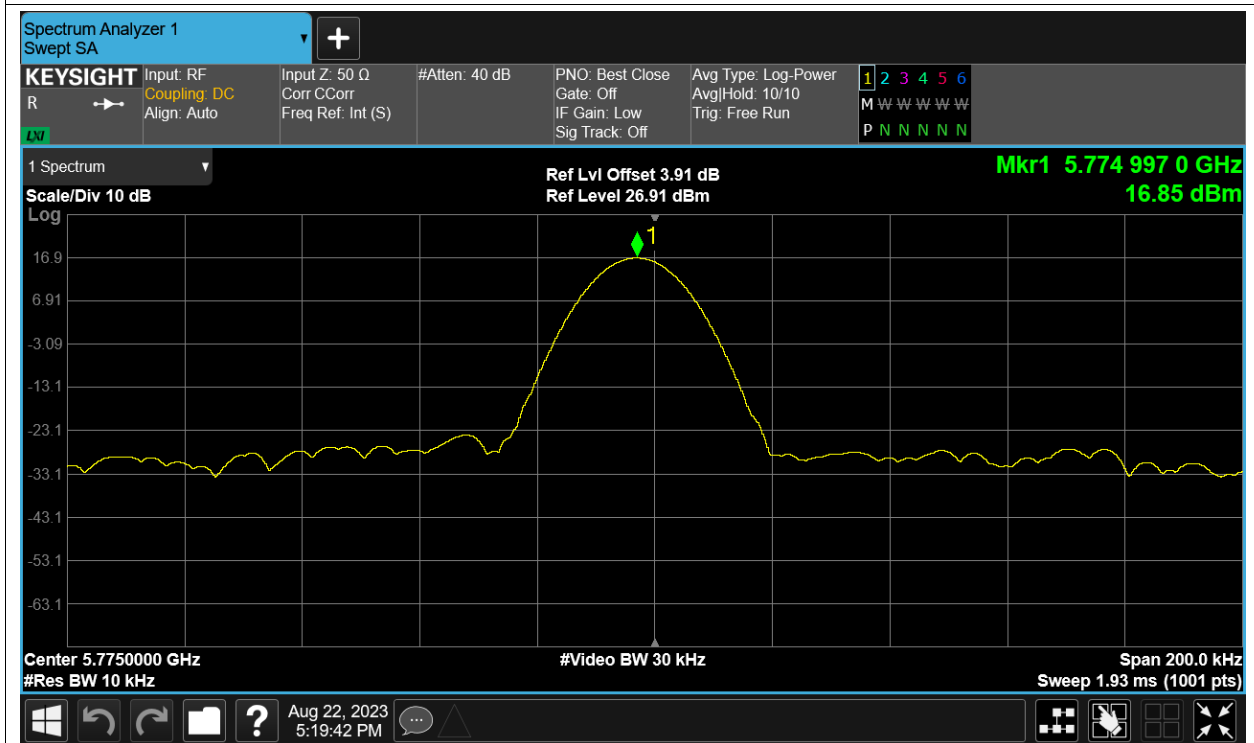
Freq. Stability NVLT a 5745MHz Ant12



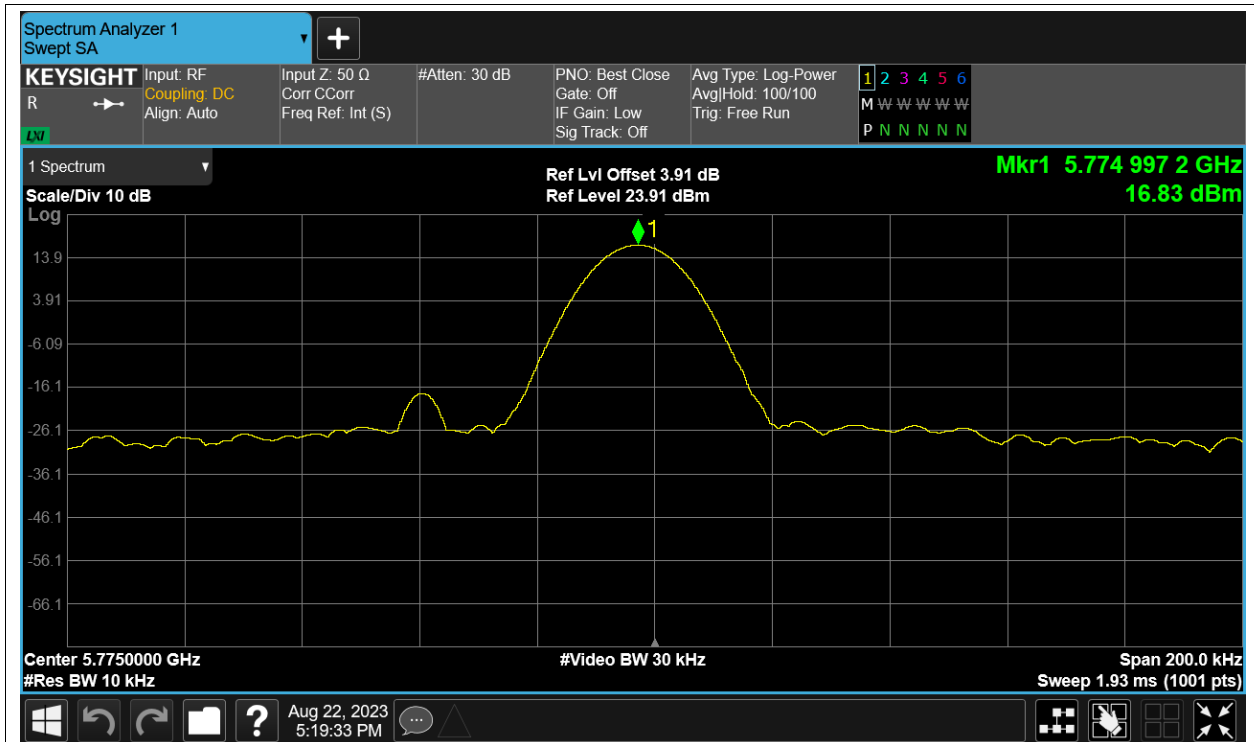
Freq. Stability NVNT a 5745MHz Ant12



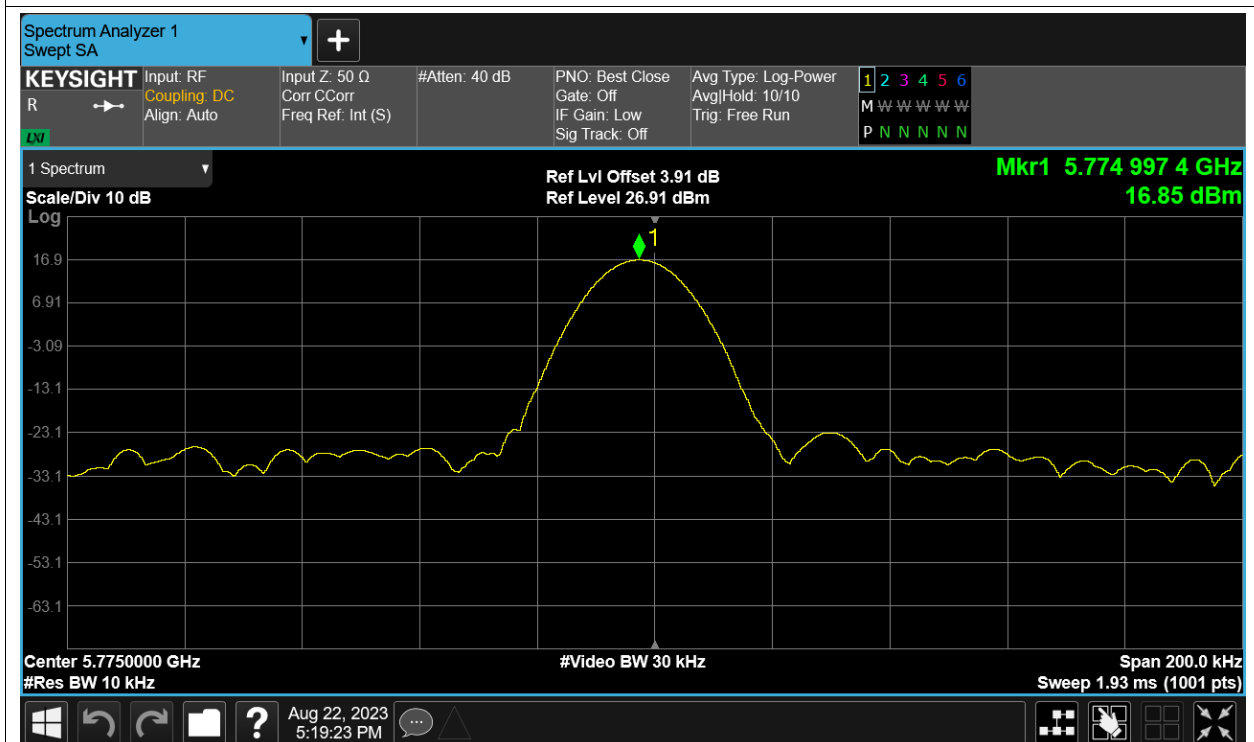
Freq. Stability HVNT ac80 5775MHz Ant12



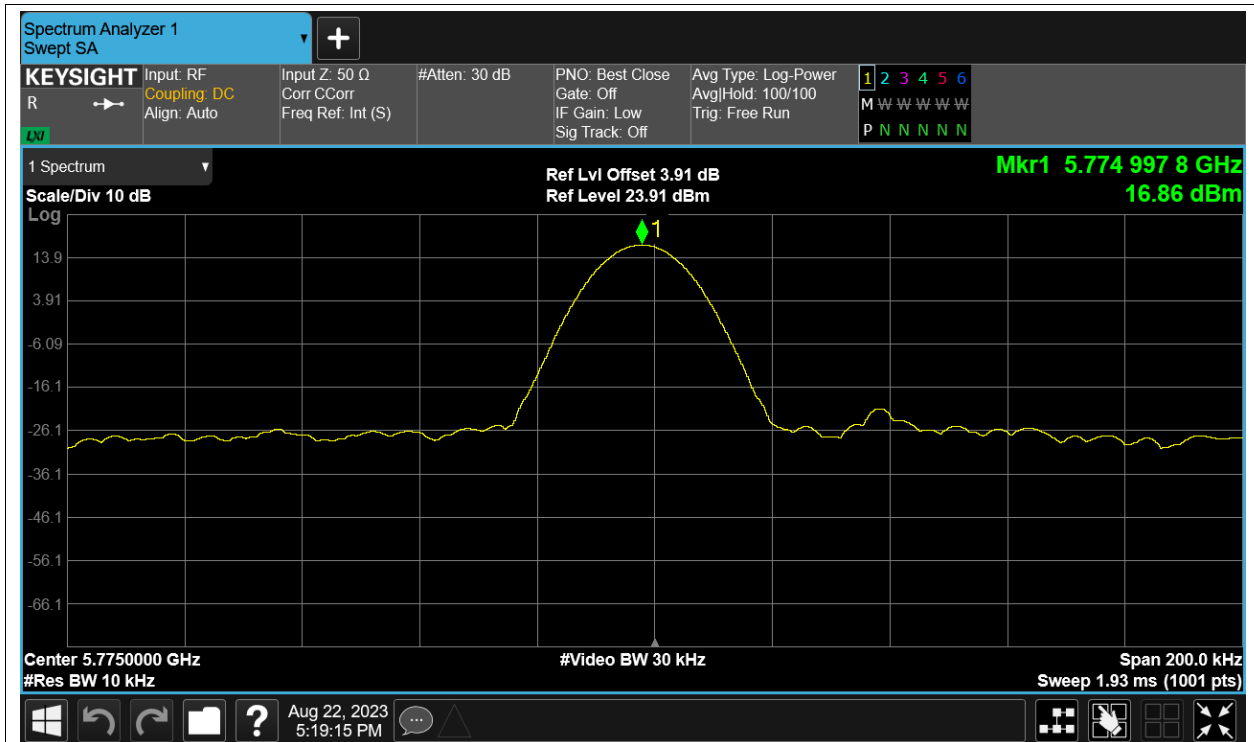
Freq. Stability LVNT ac80 5775MHz Ant12



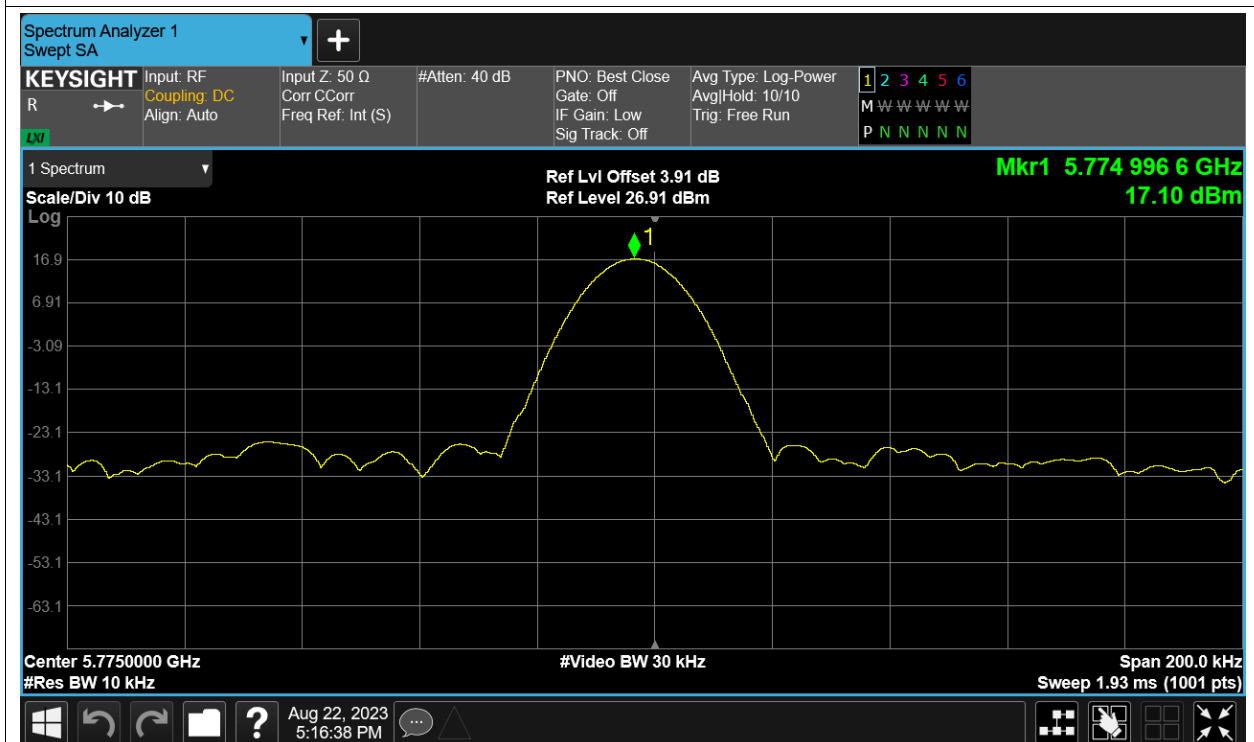
Freq. Stability NVHT ac80 5775MHz Ant12



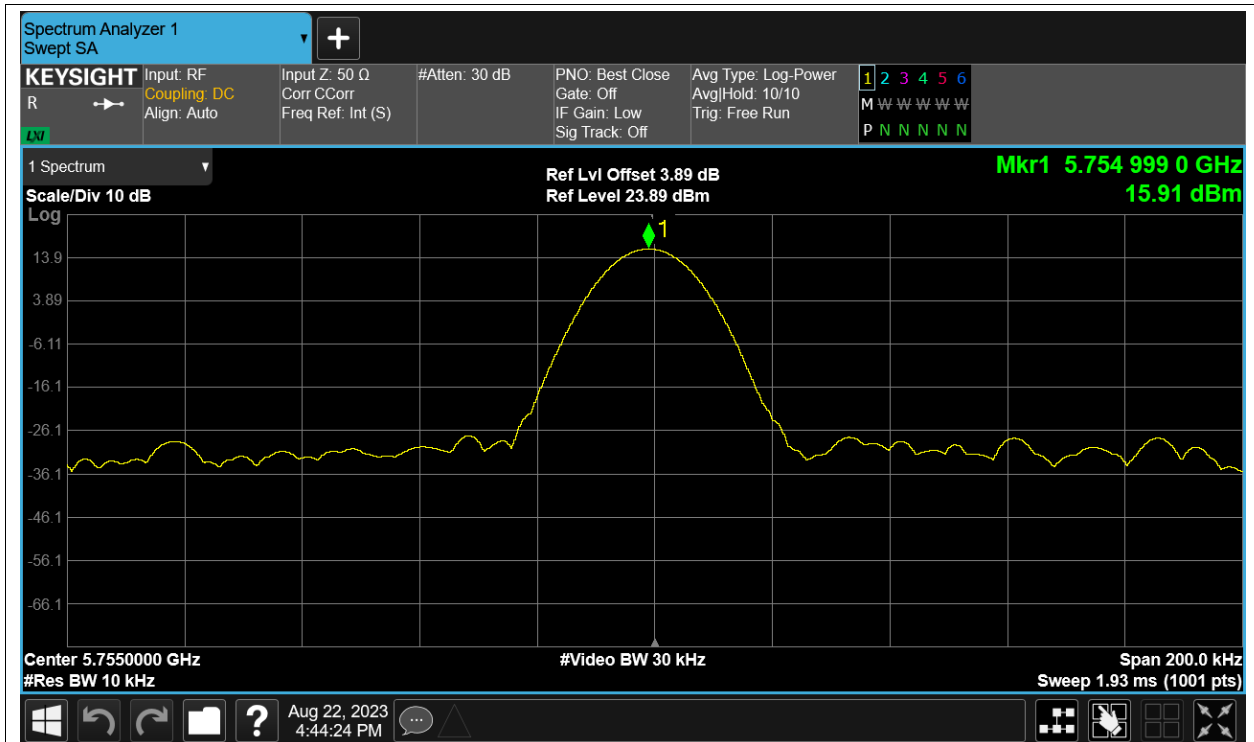
Freq. Stability NVLT ac80 5775MHz Ant12



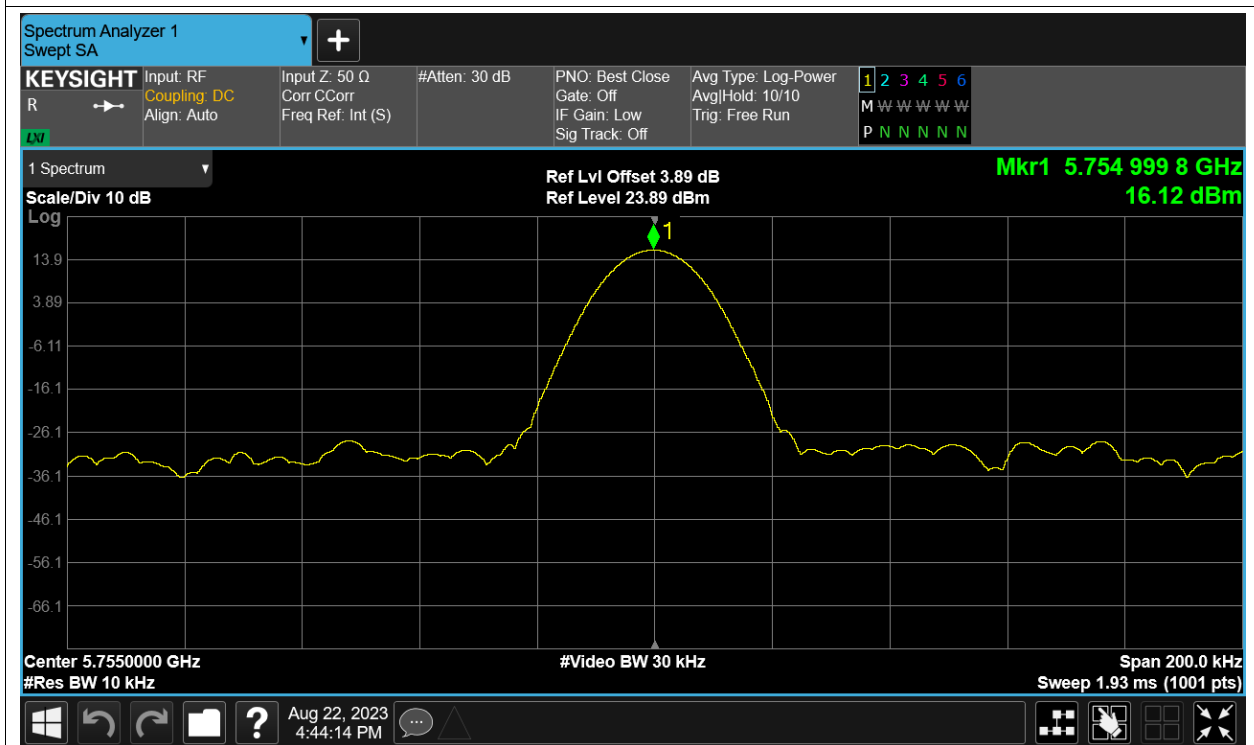
Freq. Stability NVNT ac80 5775MHz Ant12



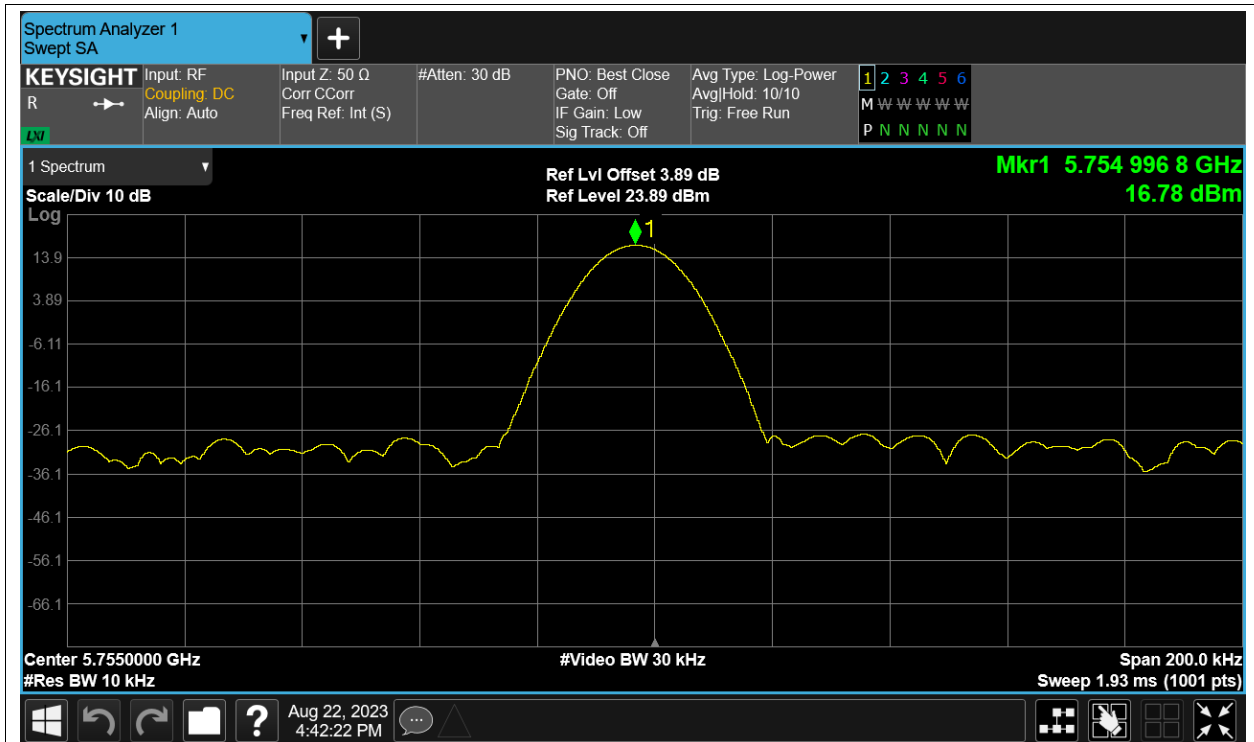
Freq. Stability HVNT n40 5755MHz Ant12



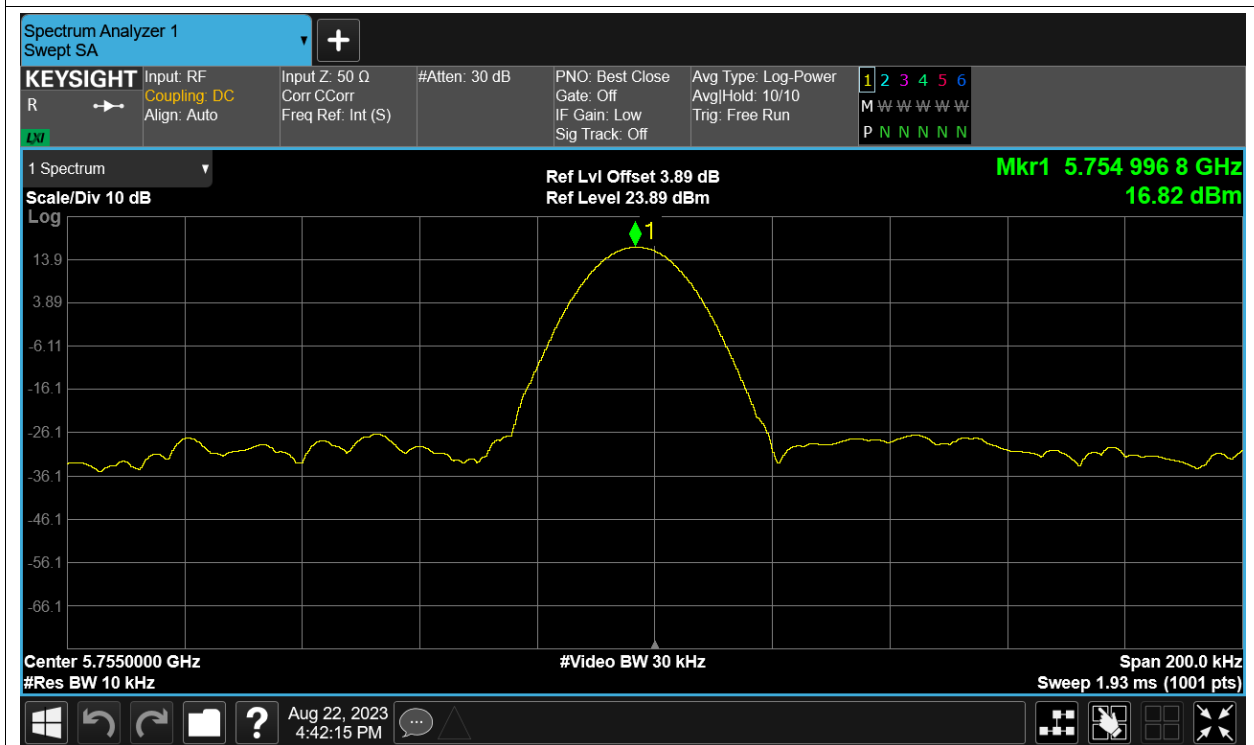
Freq. Stability LVNT n40 5755MHz Ant12



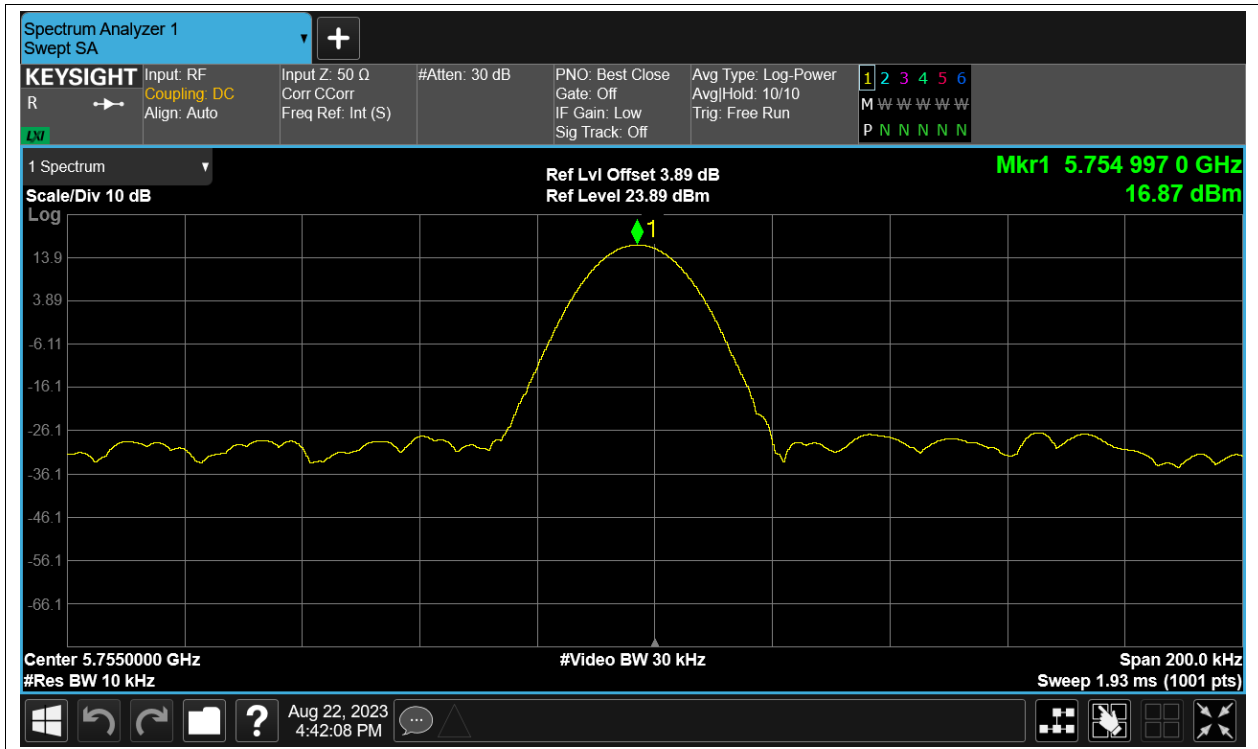
Freq. Stability NVHT n40 5755MHz Ant12



Freq. Stability NVLT n40 5755MHz Ant12



Freq. Stability NVNT n40 5755MHz Ant12

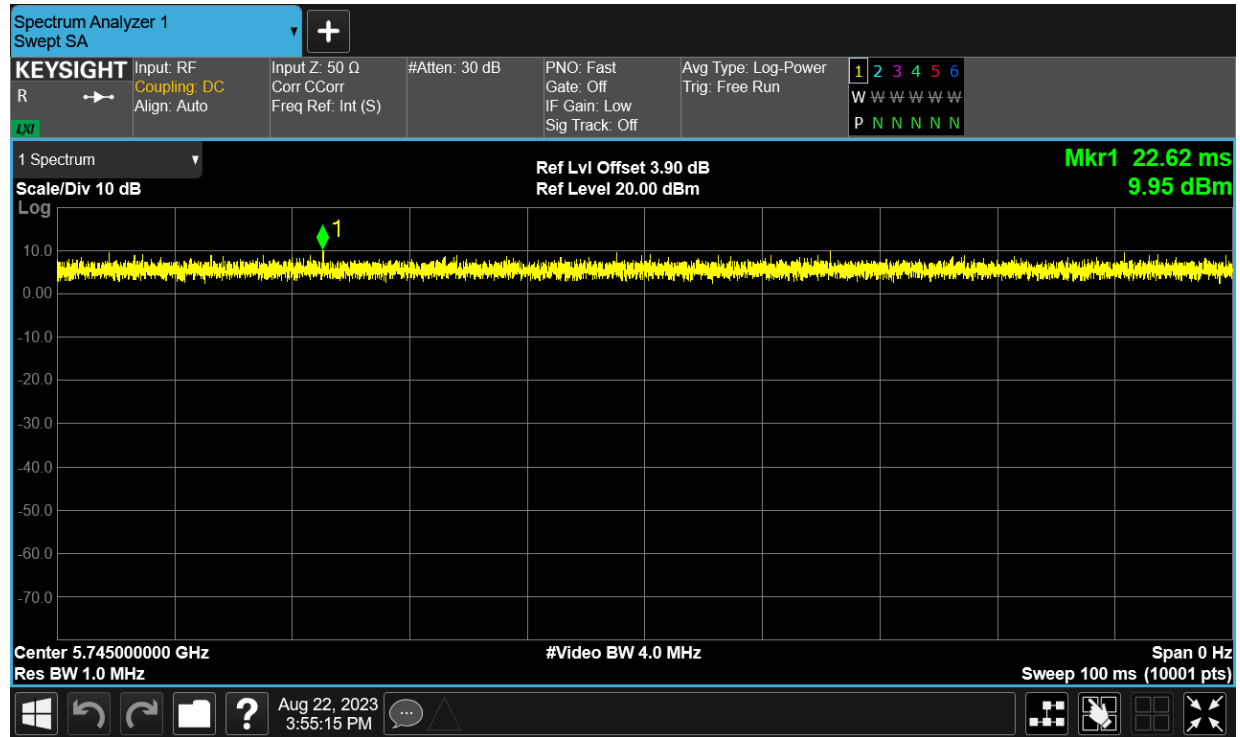


Duty Cycle

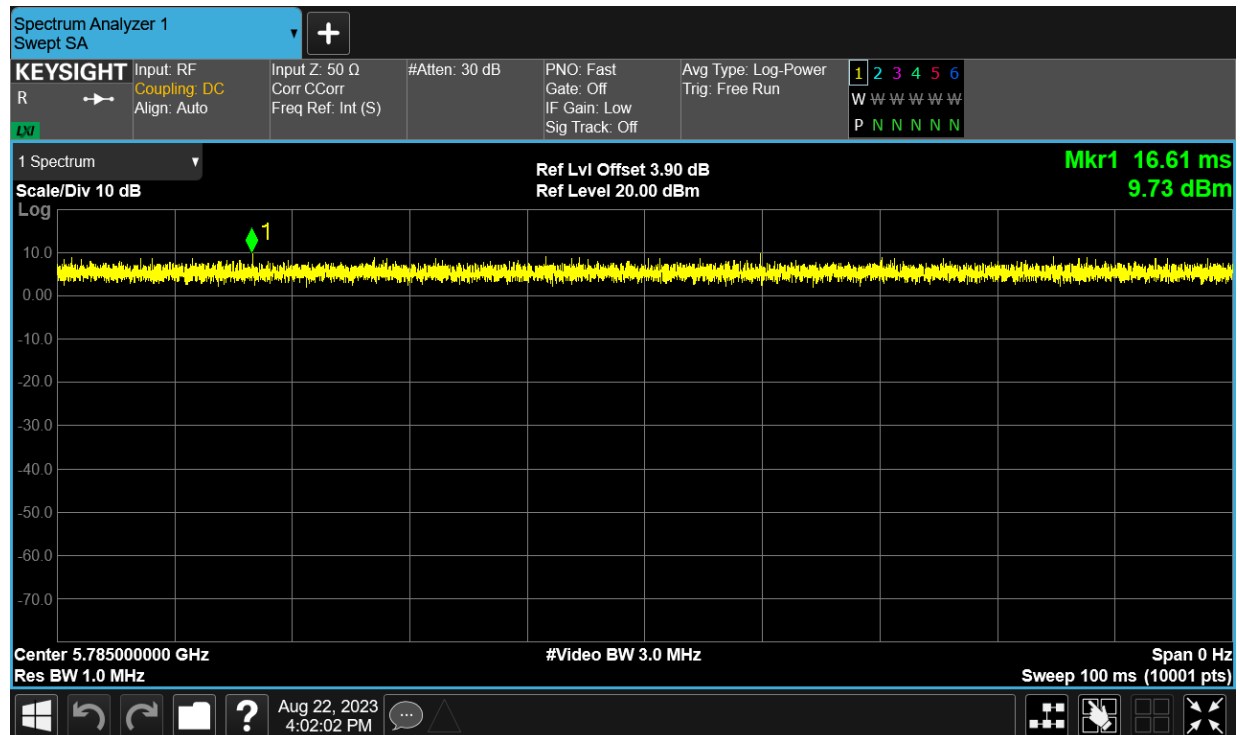
Condition	Mode	Frequency (MHz)	Antenna	Duty Cycle (%)	Correction Factor (dB)
NVNT	a	5745	Ant12	100	0
NVNT	a	5785	Ant12	100	0
NVNT	a	5825	Ant12	100	0
NVNT	ac20	5745	Ant12	100	0
NVNT	ac20	5785	Ant12	100	0
NVNT	ac20	5825	Ant12	100	0
NVNT	ac40	5755	Ant12	100	0
NVNT	ac40	5795	Ant12	100	0
NVNT	ac80	5775	Ant12	100	0
NVNT	n20	5745	Ant12	100	0
NVNT	n20	5785	Ant12	100	0
NVNT	n20	5825	Ant12	100	0
NVNT	n40	5755	Ant12	100	0
NVNT	n40	5795	Ant12	100	0

Test Graphs

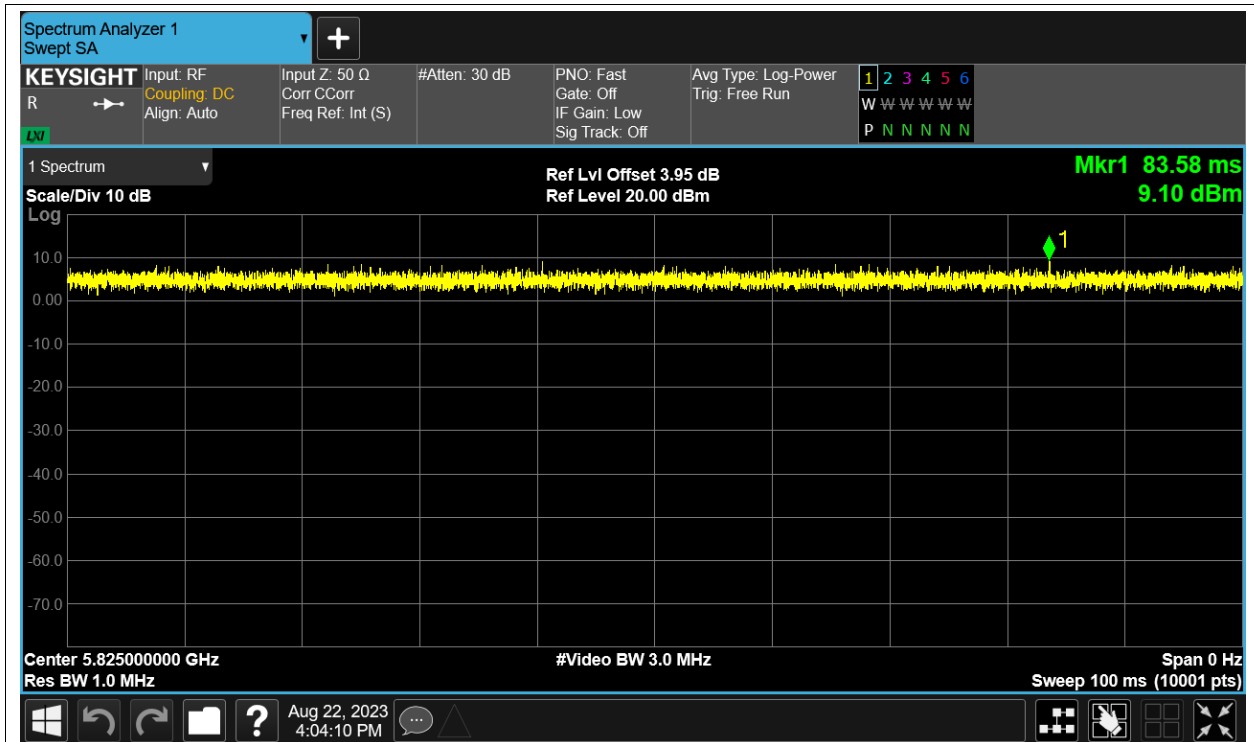
Duty Cycle NVNT a 5745MHz Ant12



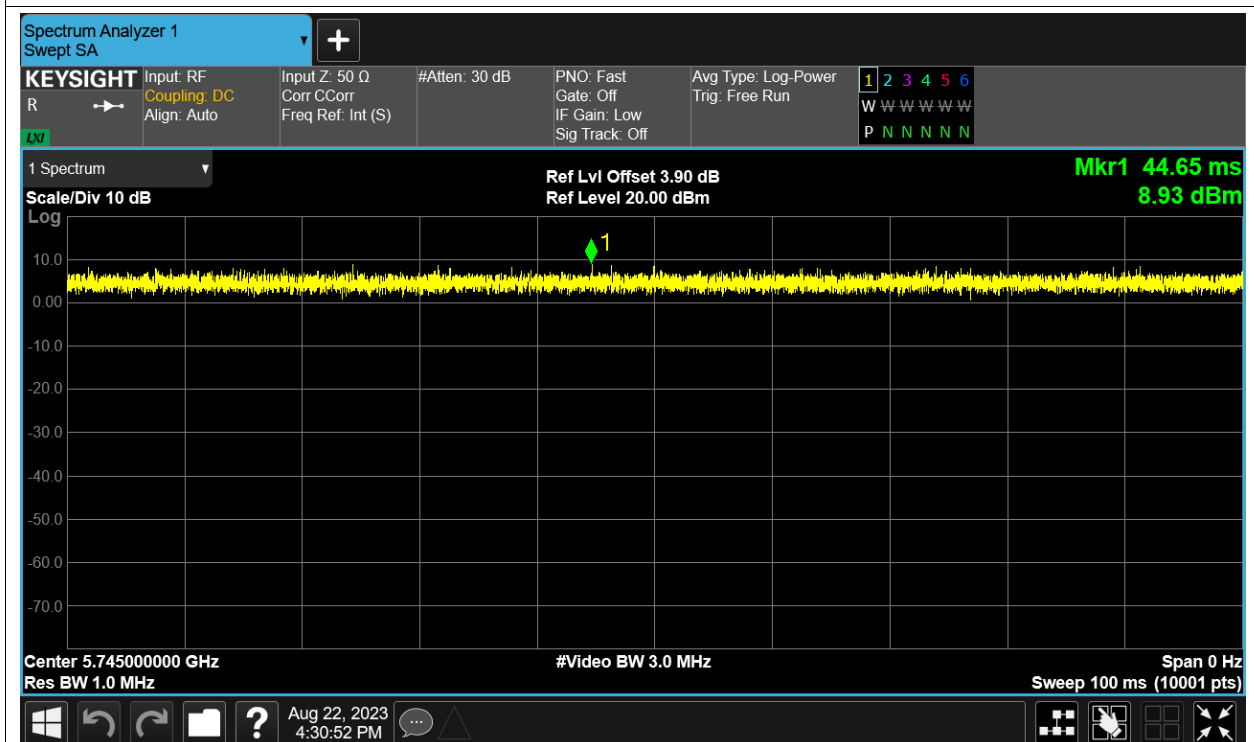
Duty Cycle NVNT a 5785MHz Ant12



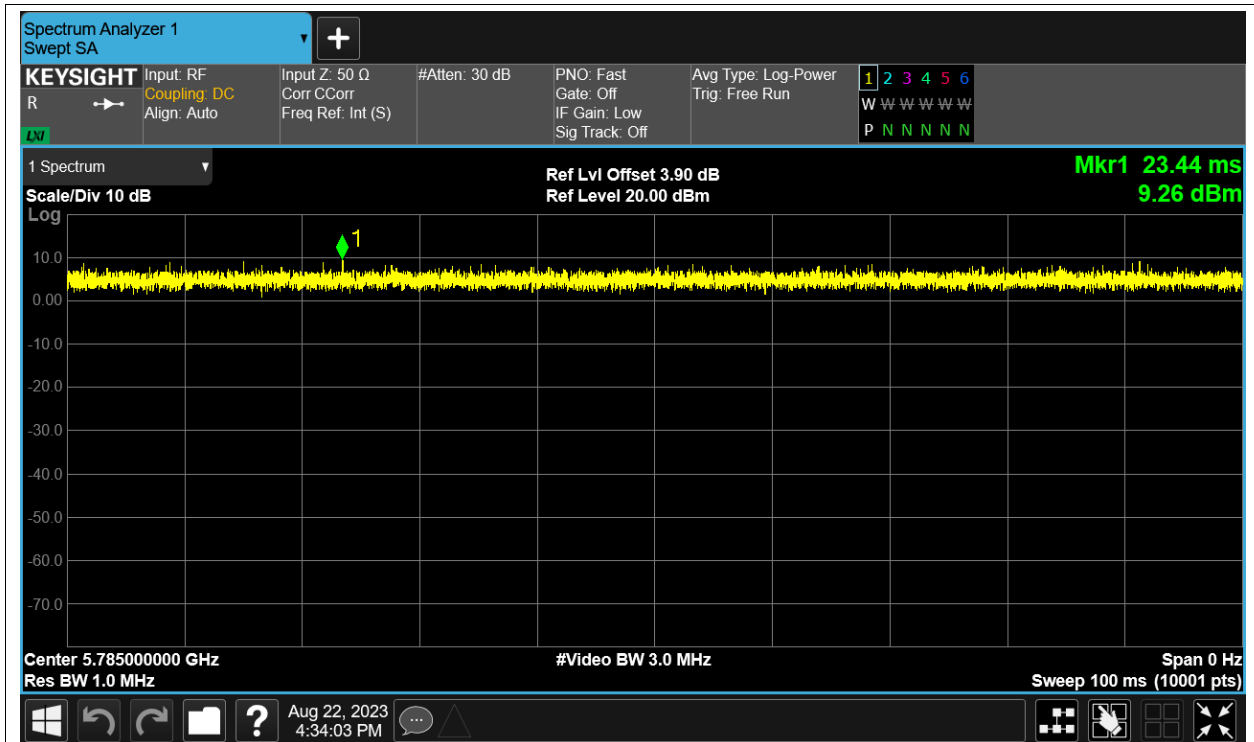
Duty Cycle NVNT a 5825MHz Ant12



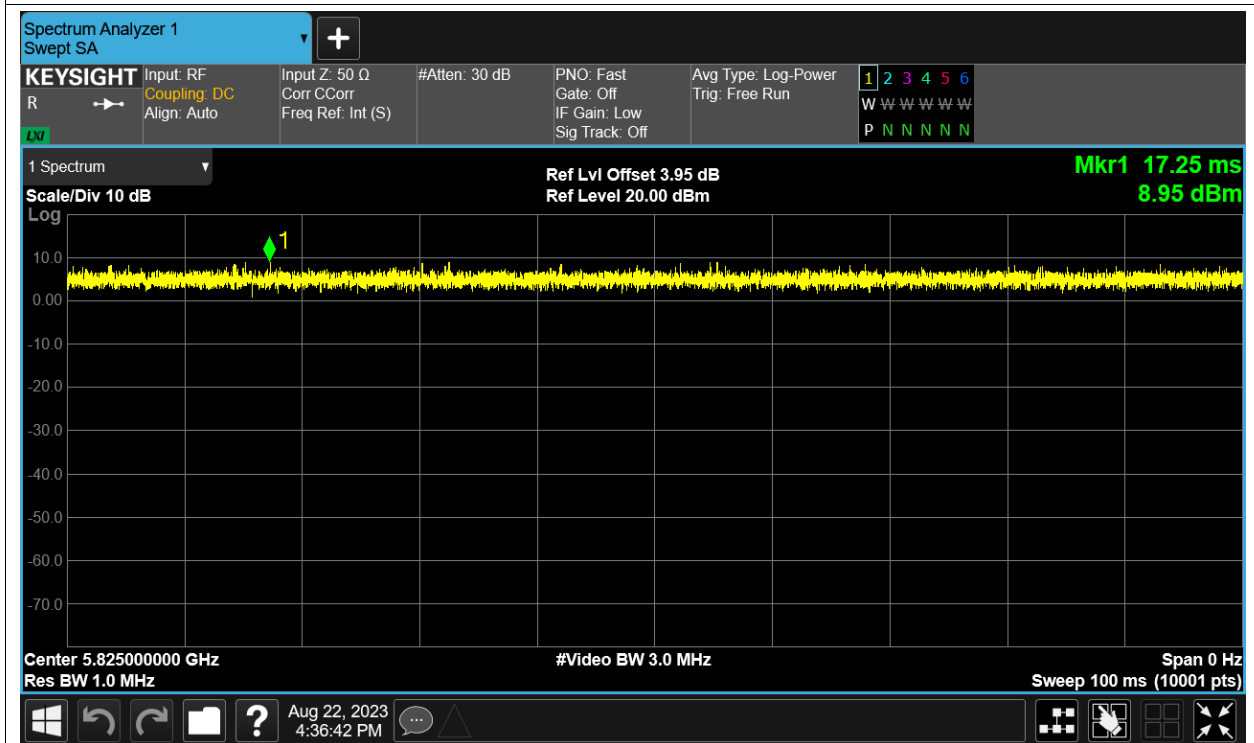
Duty Cycle NVNT ac20 5745MHz Ant12



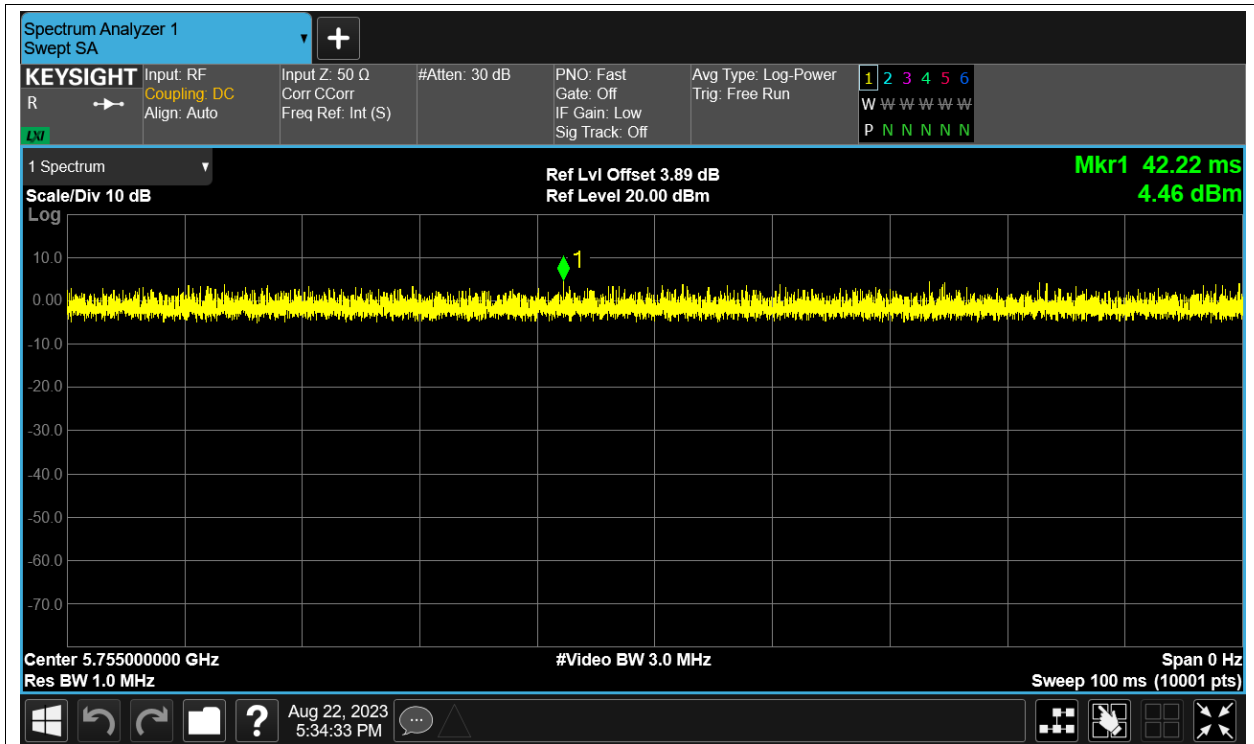
Duty Cycle NVNT ac20 5785MHz Ant12



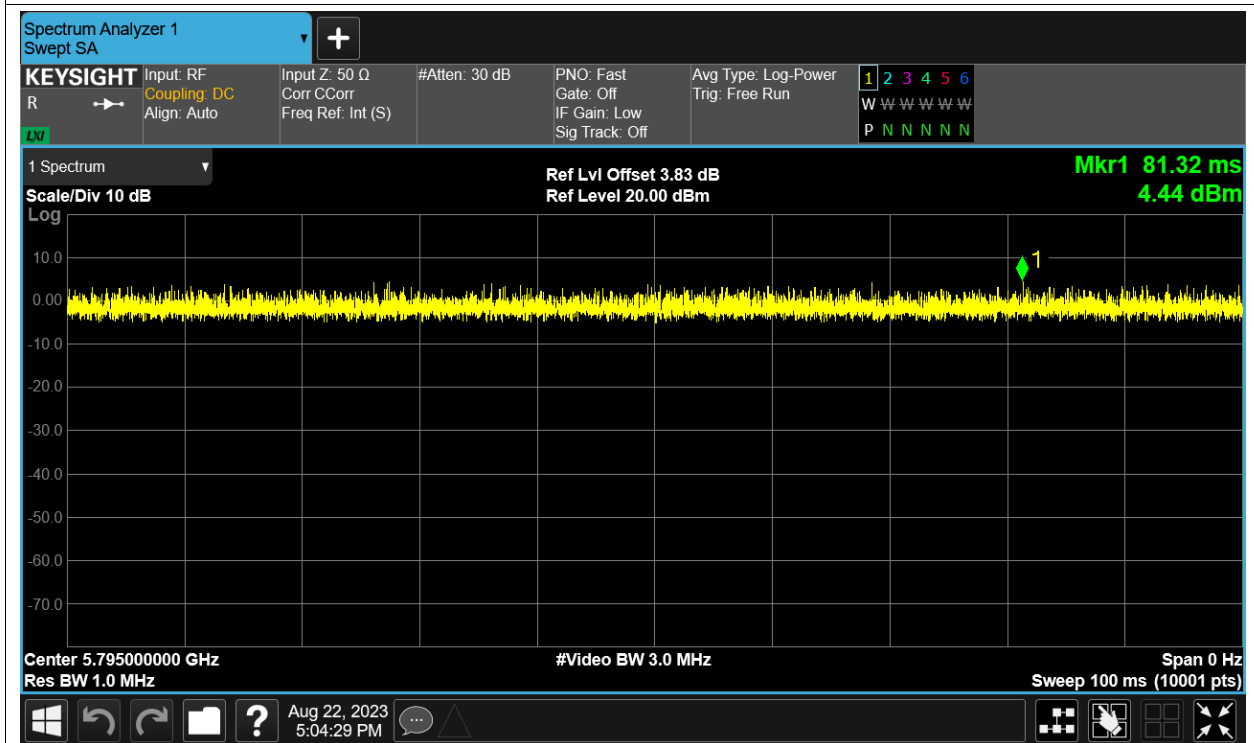
Duty Cycle NVNT ac20 5825MHz Ant12



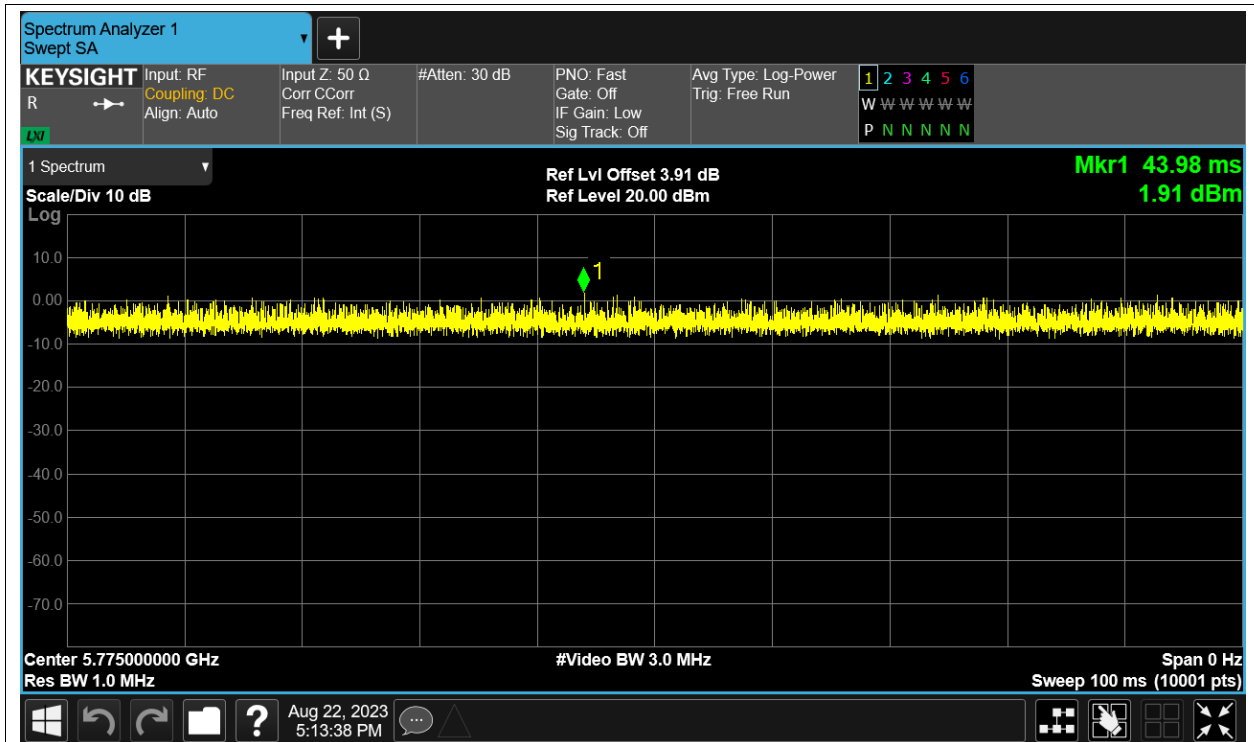
Duty Cycle NVNT ac40 5755MHz Ant12



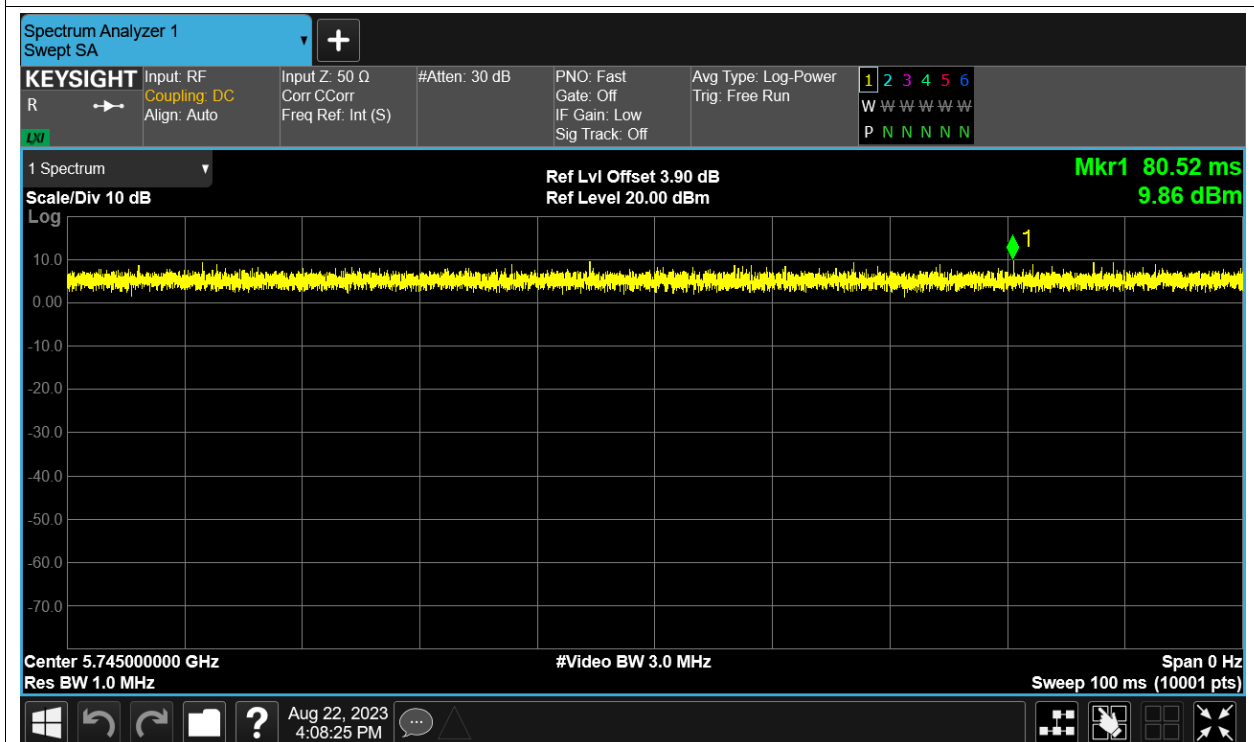
Duty Cycle NVNT ac40 5795MHz Ant12



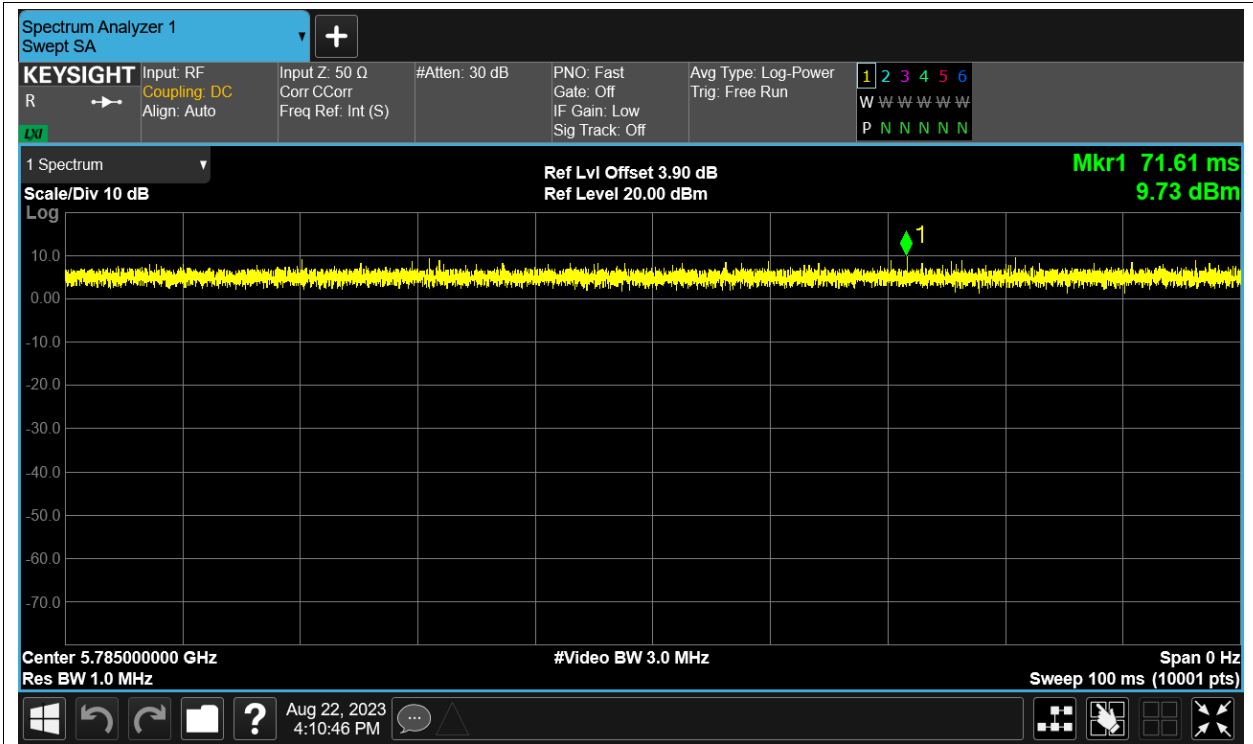
Duty Cycle NVNT ac80 5775MHz Ant12



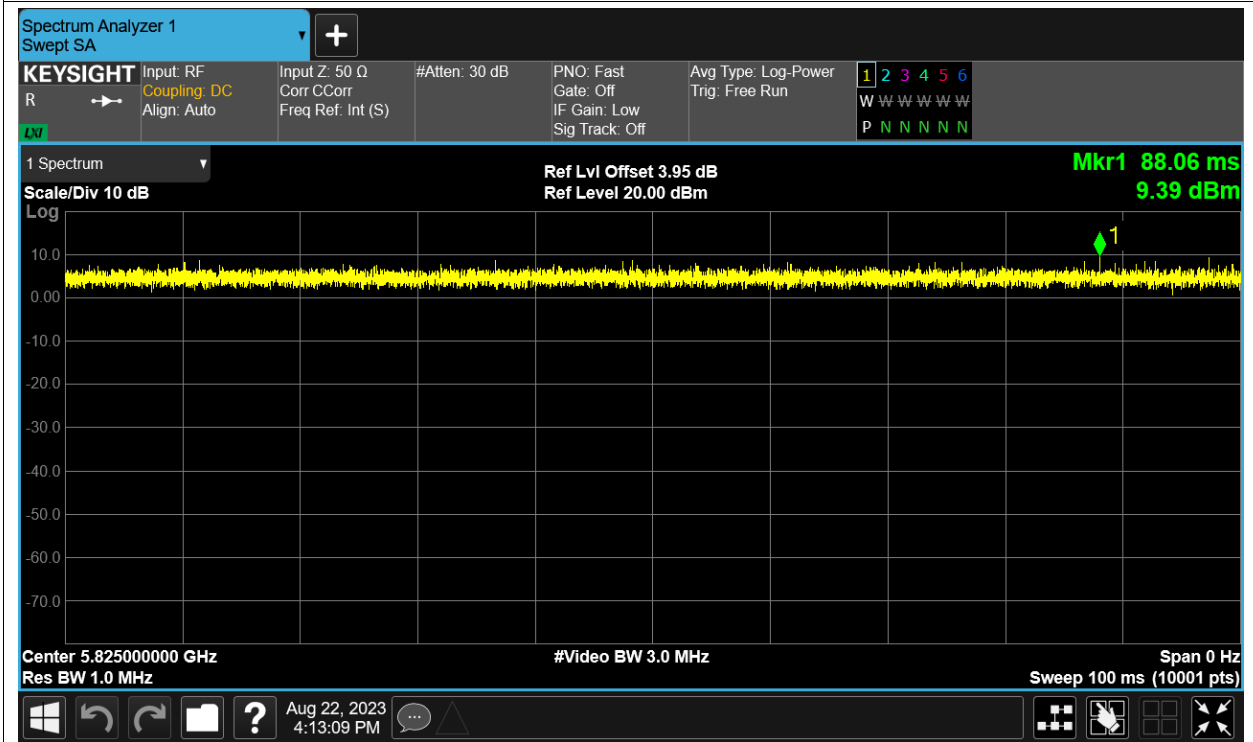
Duty Cycle NVNT n20 5745MHz Ant12



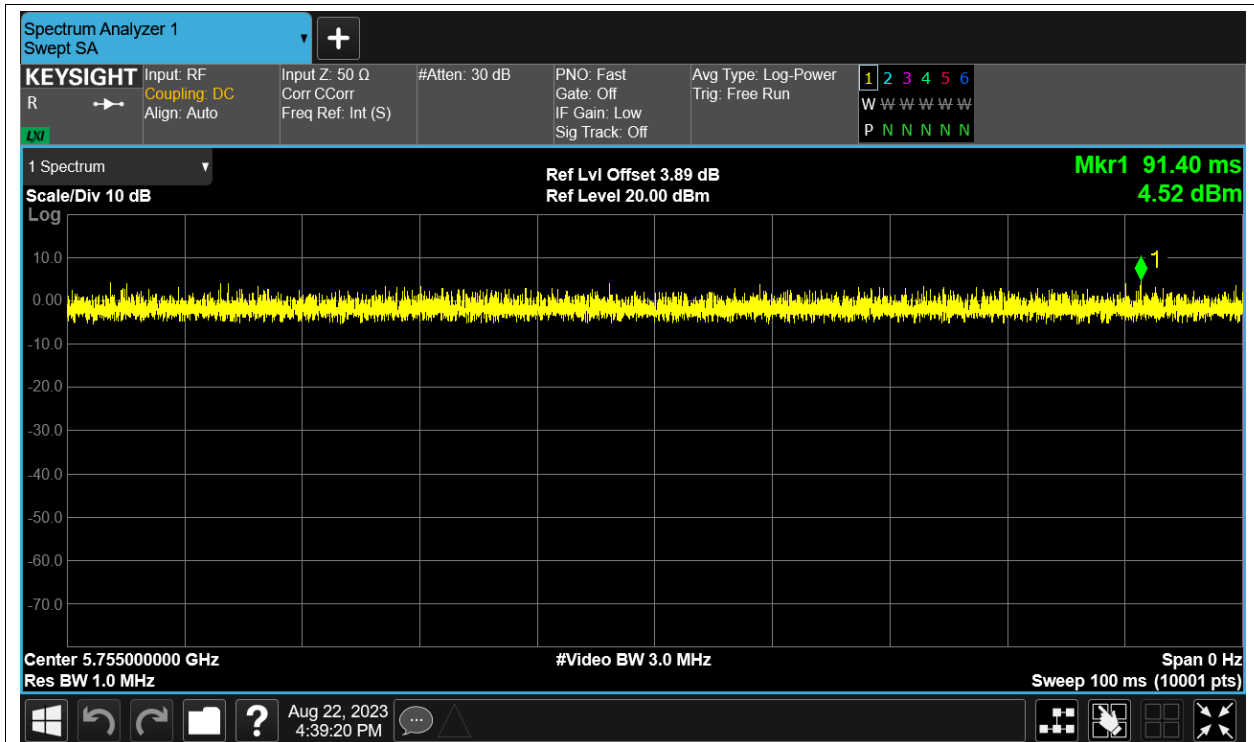
Duty Cycle NVNT n20 5785MHz Ant12



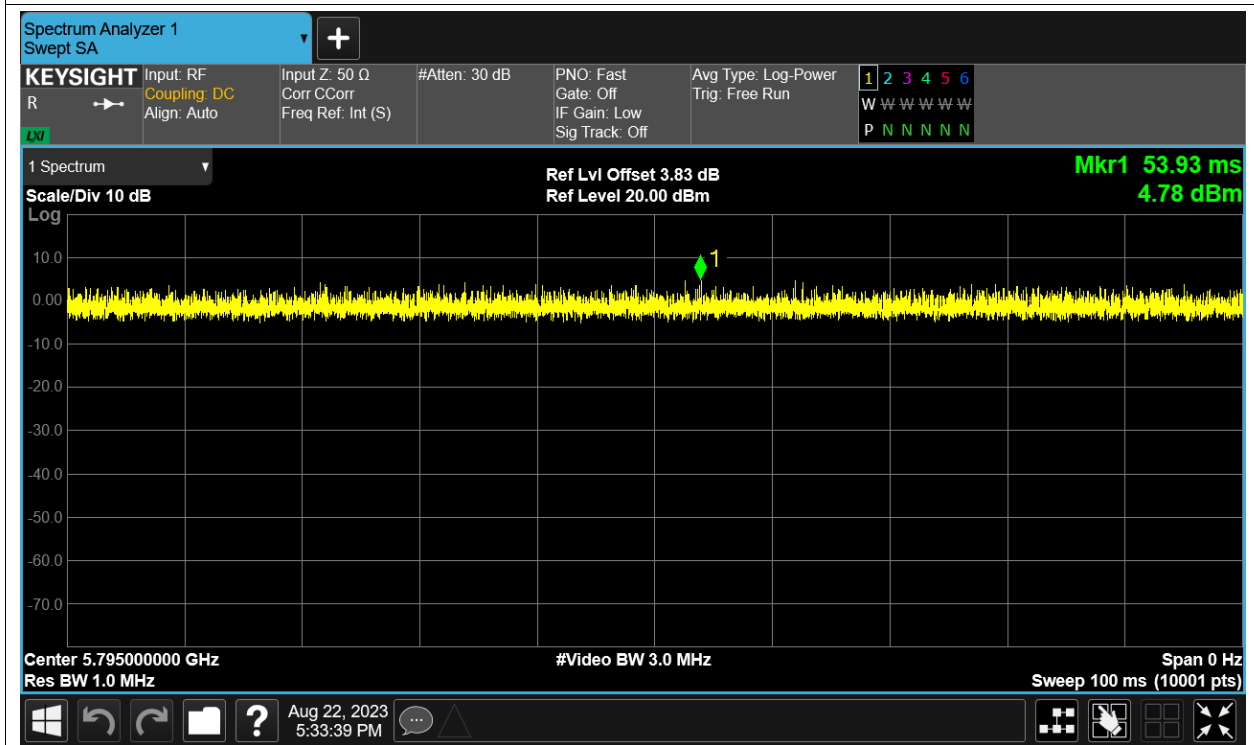
Duty Cycle NVNT n20 5825MHz Ant12



Duty Cycle NVNT n40 5755MHz Ant12



Duty Cycle NVNT n40 5795MHz Ant12



Maximum Conducted Output Power

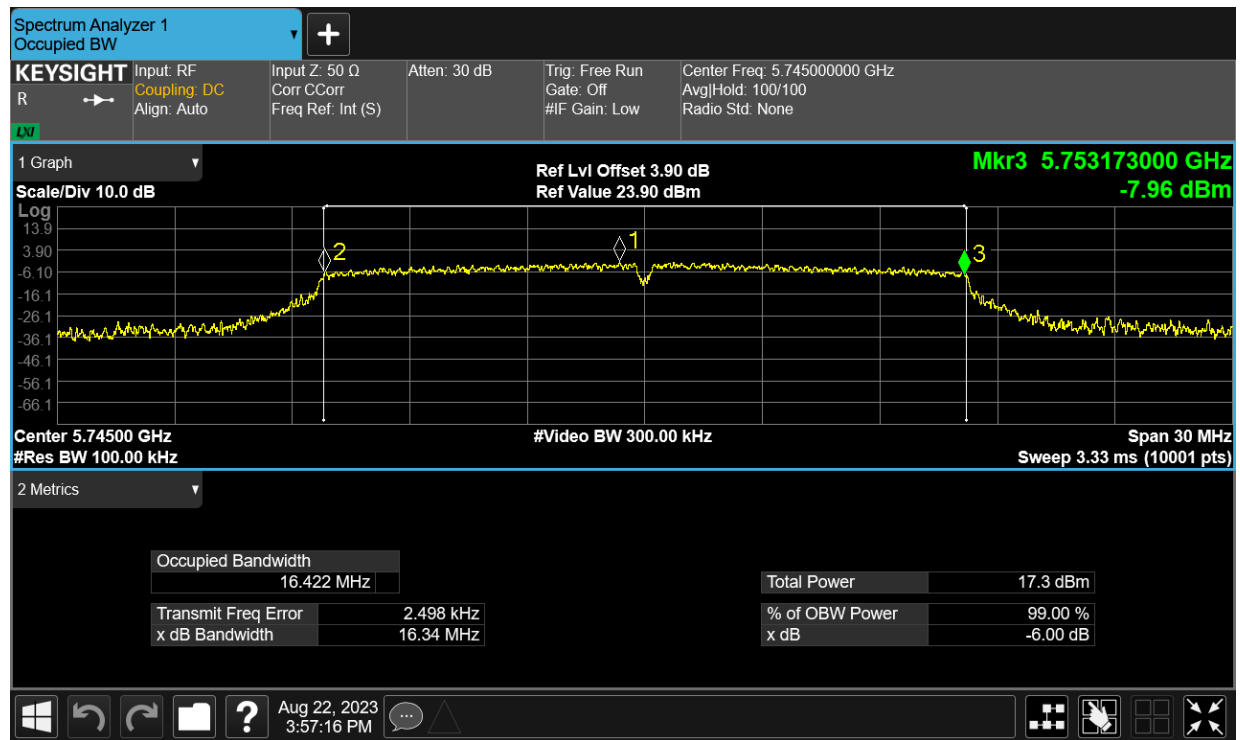
Condition	Mode	Frequency (MHz)	Antenna	Conducted Power (dBm)	Duty Factor (dB)	Total Power (dBm)	Limit (dBm)	Verdict
NVNT	a	5745	Ant12	13.67	0	13.67	30	Pass
NVNT	a	5785	Ant12	14.31	0	14.31	30	Pass
NVNT	a	5825	Ant12	13.81	0	13.81	30	Pass
NVNT	ac20	5745	Ant12	13.05	0	13.05	30	Pass
NVNT	ac20	5785	Ant12	14.29	0	14.29	30	Pass
NVNT	ac20	5825	Ant12	14.09	0	14.09	30	Pass
NVNT	ac40	5755	Ant12	13.11	0	13.11	30	Pass
NVNT	ac40	5795	Ant12	14.18	0	14.18	30	Pass
NVNT	ac80	5775	Ant12	13.46	0	13.46	30	Pass
NVNT	n20	5745	Ant12	13.46	0	13.46	30	Pass
NVNT	n20	5785	Ant12	14.3	0	14.3	30	Pass
NVNT	n20	5825	Ant12	13.87	0	13.87	30	Pass
NVNT	n40	5755	Ant12	13.14	0	13.14	30	Pass
NVNT	n40	5795	Ant12	13.89	0	13.89	30	Pass

-6dB Bandwidth

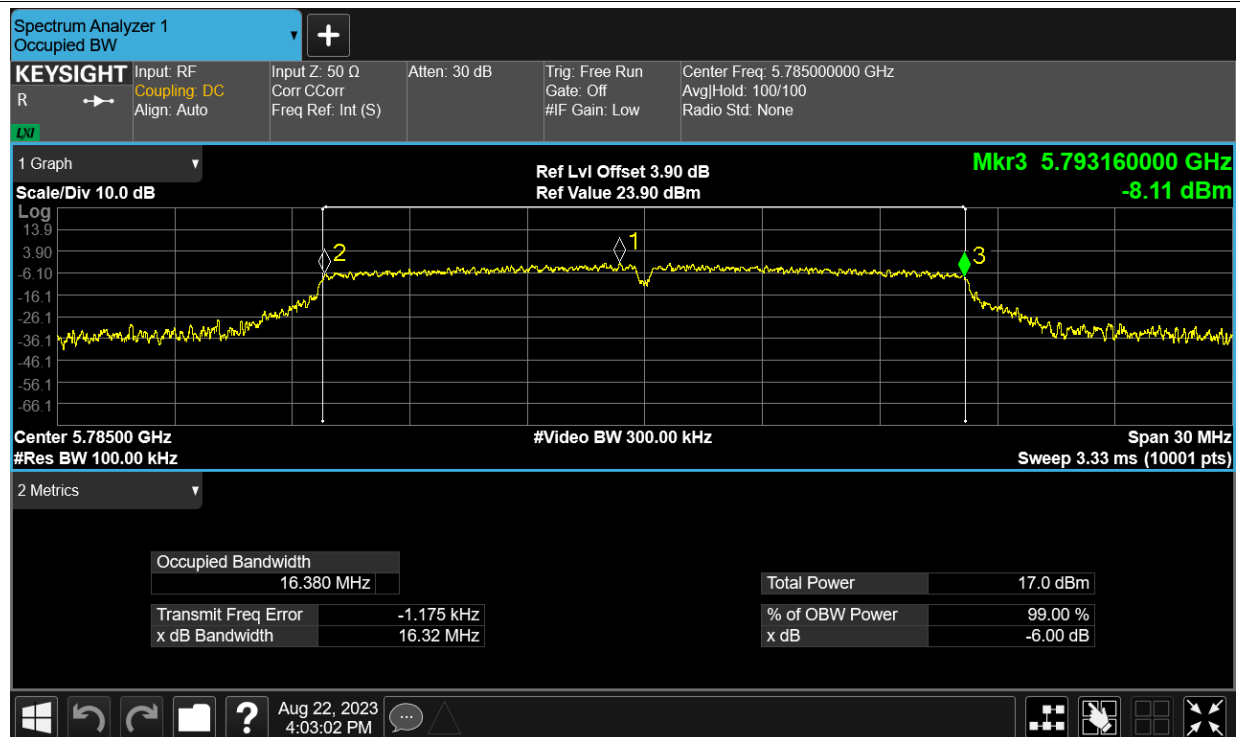
Condition	Mode	Frequency (MHz)	Antenna	-6 dB Bandwidth (MHz)	limit	Verdic
NVNT	a	5745	Ant12	16.34	0.5	Pass
NVNT	a	5785	Ant12	16.323	0.5	Pass
NVNT	a	5825	Ant12	16.342	0.5	Pass
NVNT	ac20	5745	Ant12	17.578	0.5	Pass
NVNT	ac20	5785	Ant12	17.562	0.5	Pass
NVNT	ac20	5825	Ant12	17.579	0.5	Pass
NVNT	ac40	5755	Ant12	36.074	0.5	Pass
NVNT	ac40	5795	Ant12	36.291	0.5	Pass
NVNT	ac80	5775	Ant12	76.018	0.5	Pass
NVNT	n20	5745	Ant12	17.573	0.5	Pass
NVNT	n20	5785	Ant12	17.582	0.5	Pass
NVNT	n20	5825	Ant12	17.577	0.5	Pass
NVNT	n40	5755	Ant12	35.651	0.5	Pass
NVNT	n40	5795	Ant12	36.279	0.5	Pass

Test Graphs

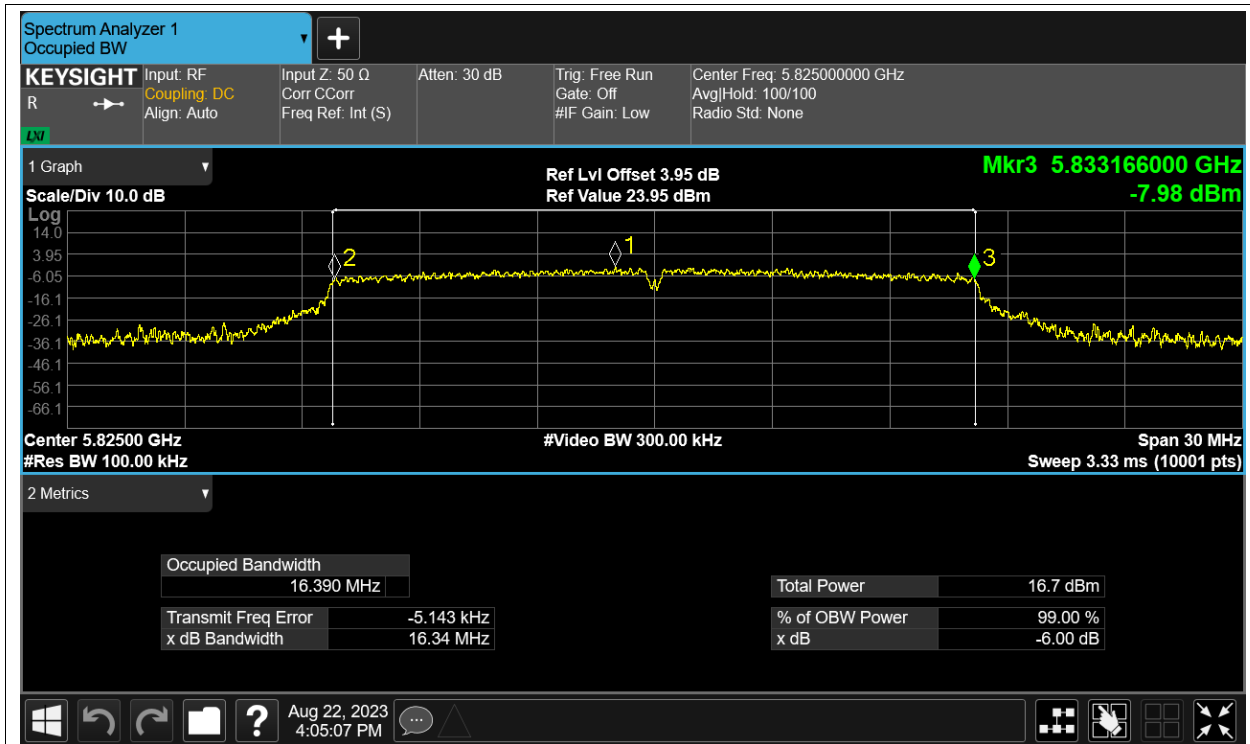
-6dB Bandwidth NVNT a 5745MHz Ant12



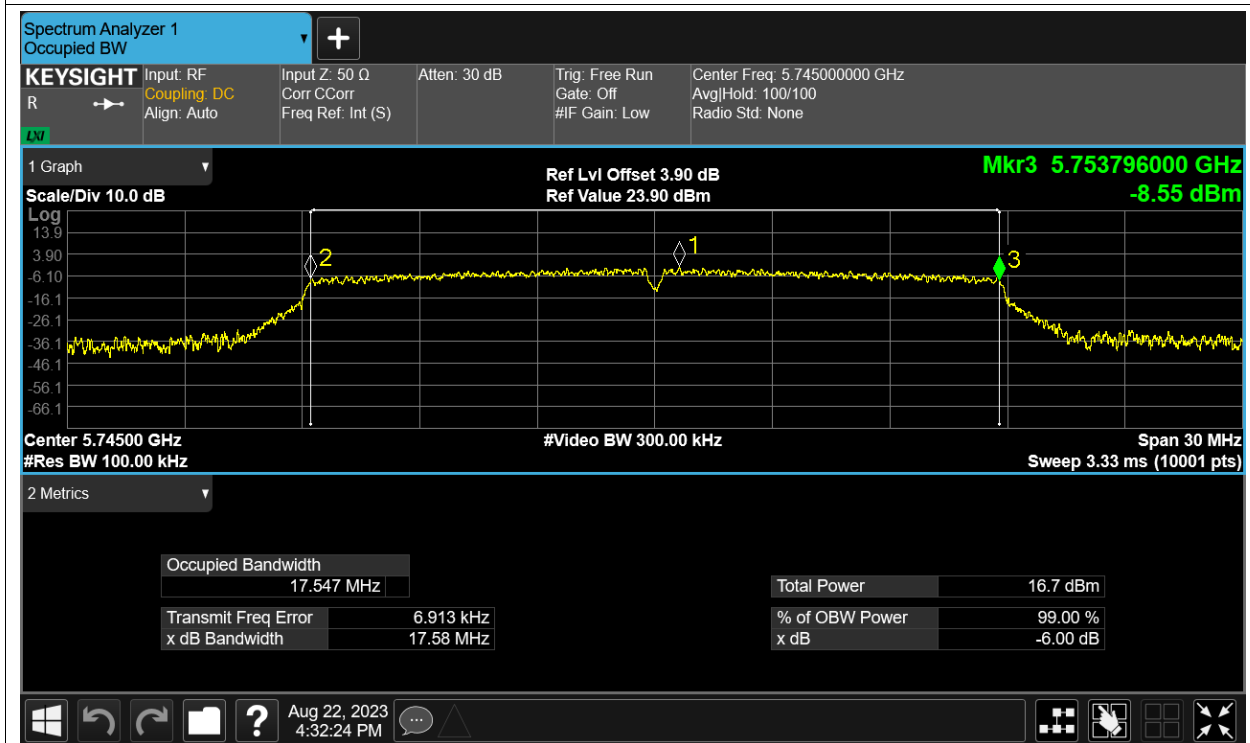
-6dB Bandwidth NVNT a 5785MHz Ant12



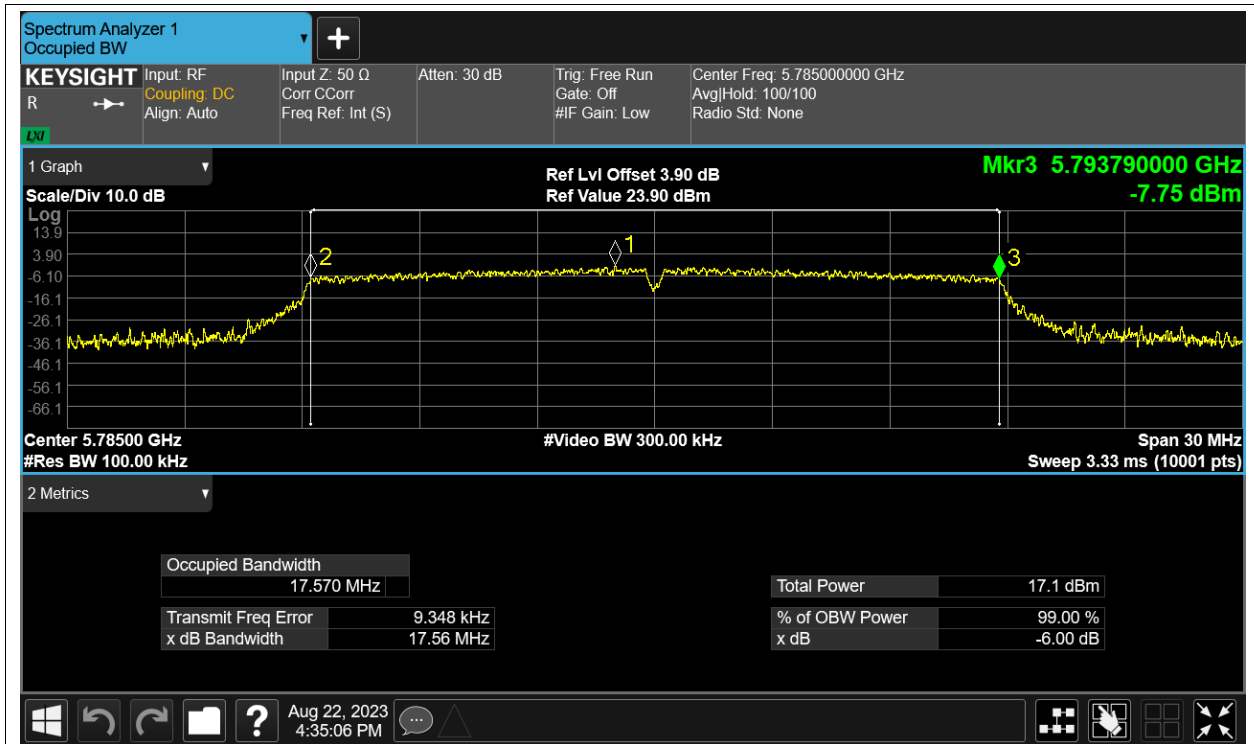
-6dB Bandwidth NVNT a 5825MHz Ant12



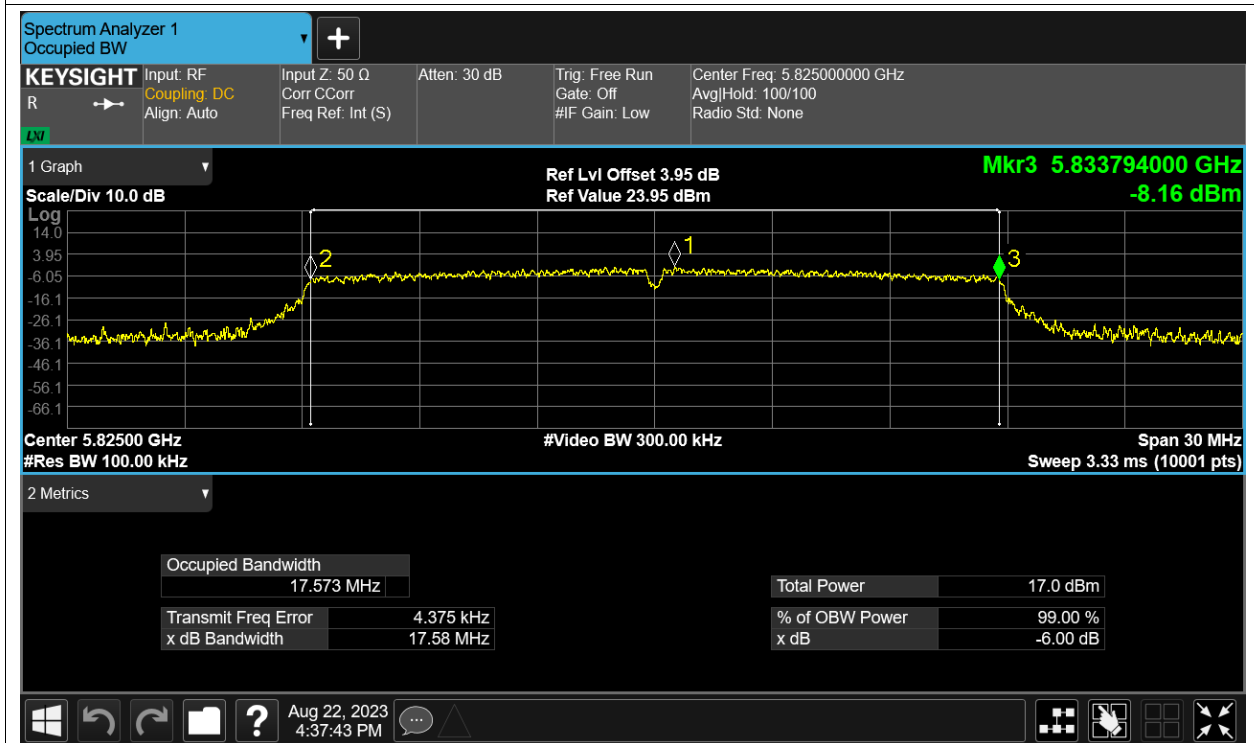
-6dB Bandwidth NVNT ac20 5745MHz Ant12



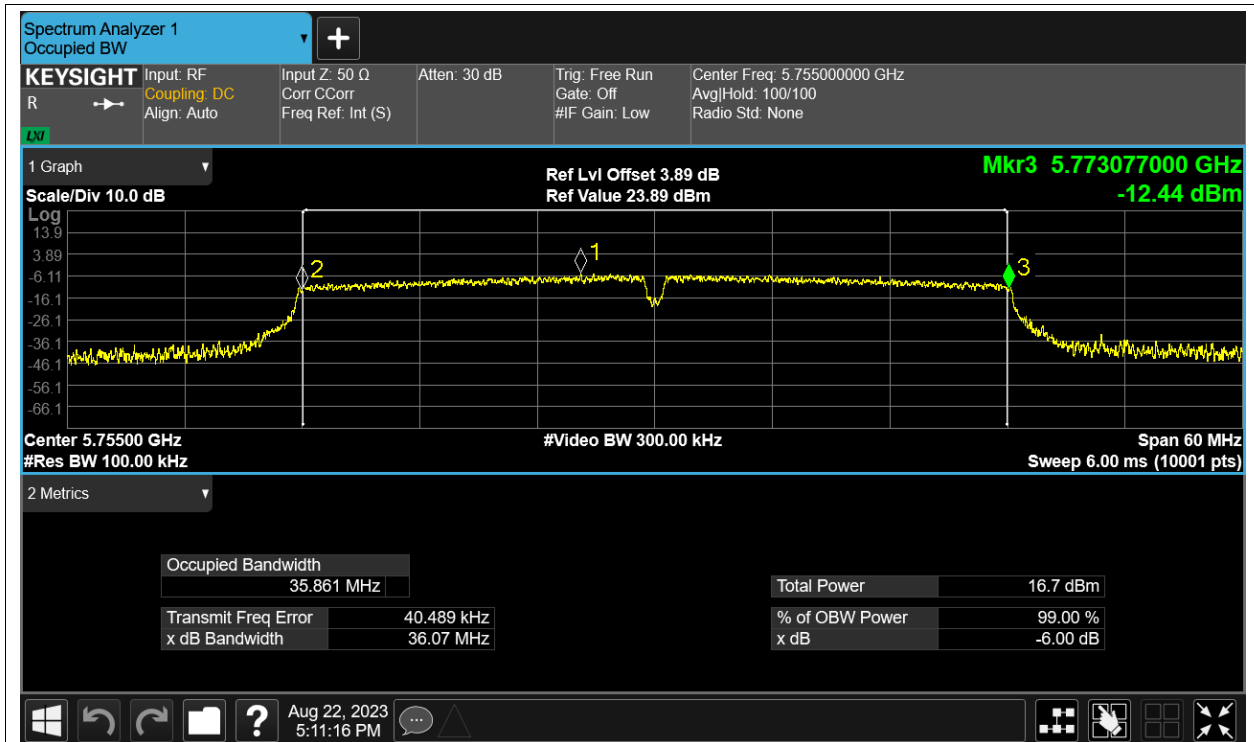
-6dB Bandwidth NVNT ac20 5785MHz Ant12



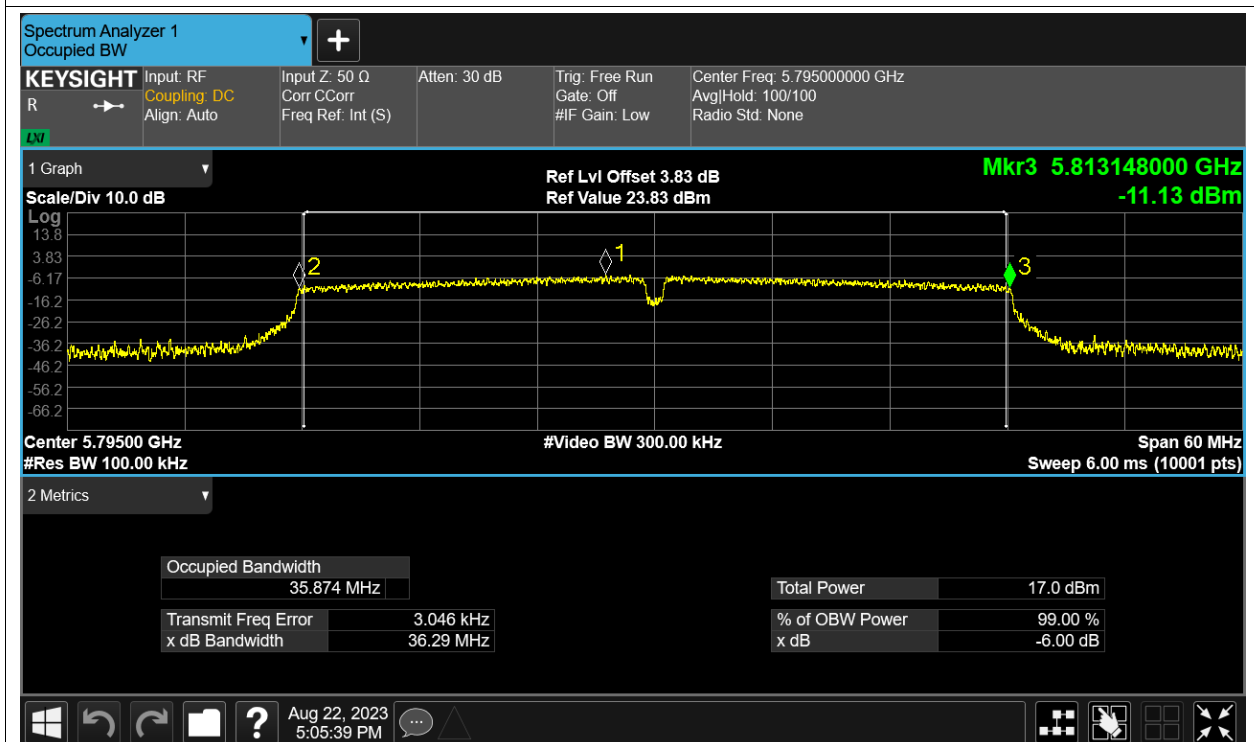
-6dB Bandwidth NVNT ac20 5825MHz Ant12



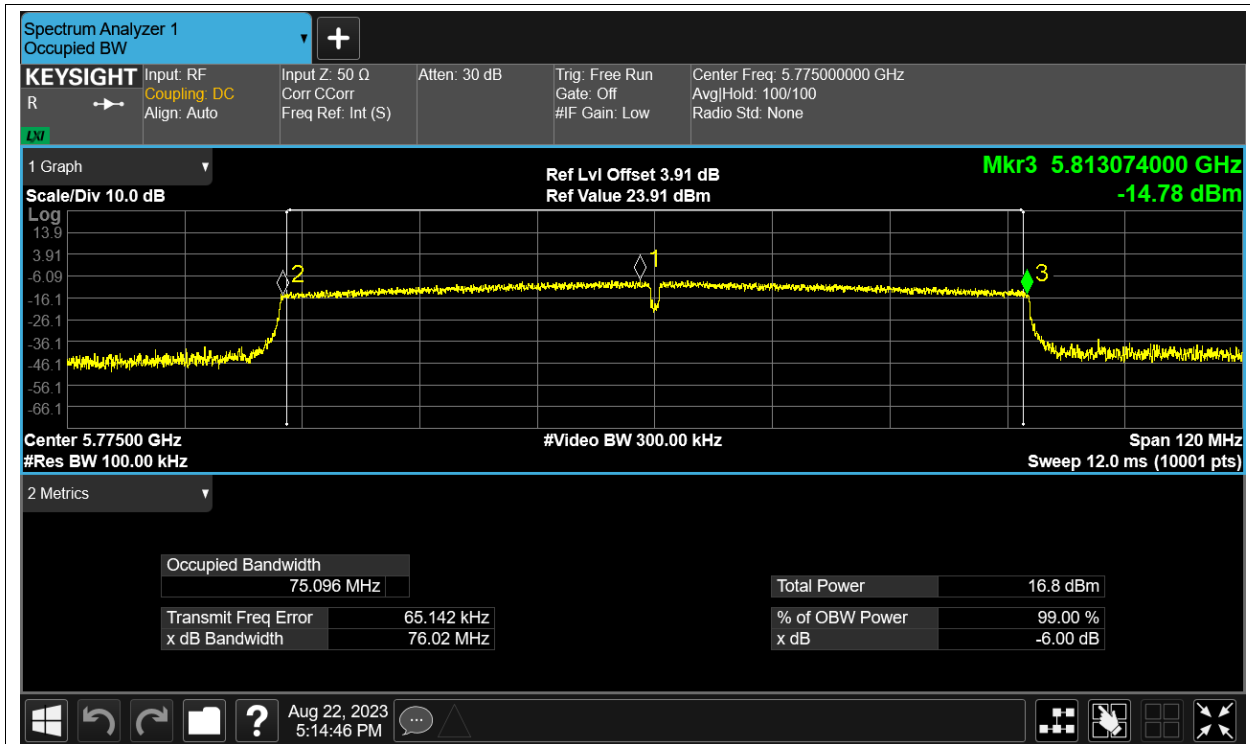
-6dB Bandwidth NVNT ac40 5755MHz Ant12



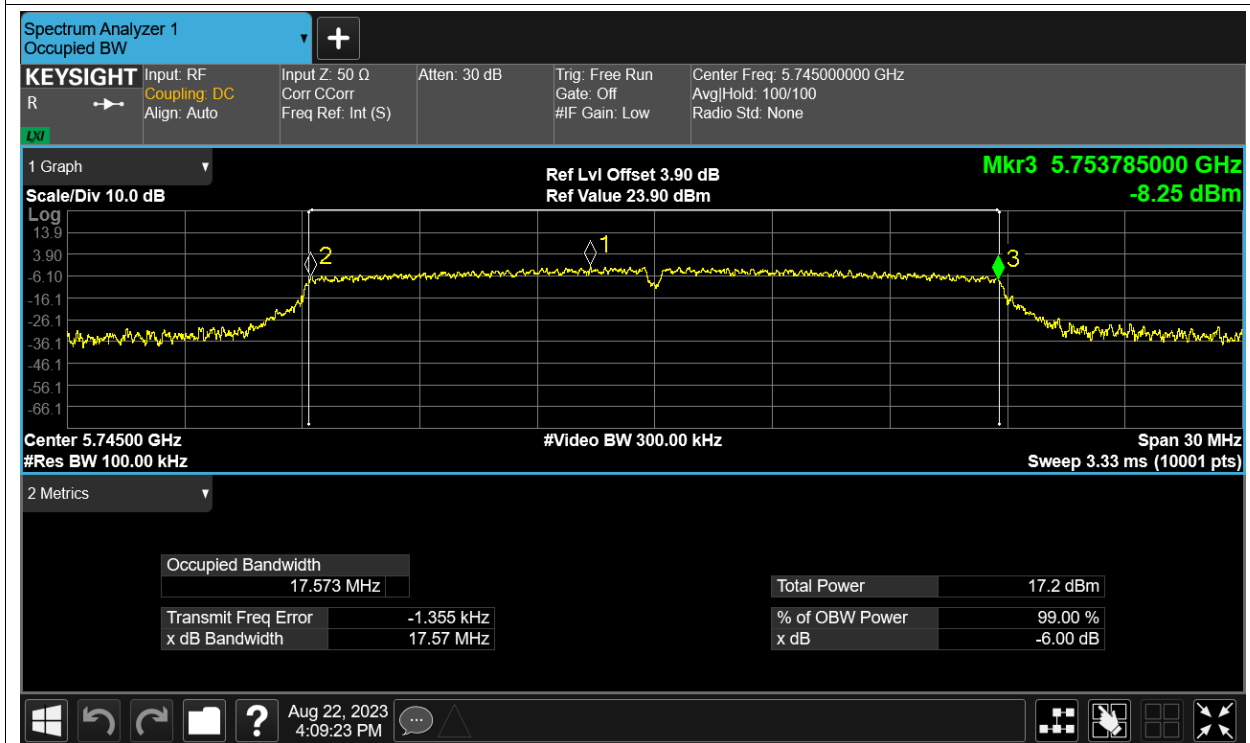
-6dB Bandwidth NVNT ac40 5795MHz Ant12



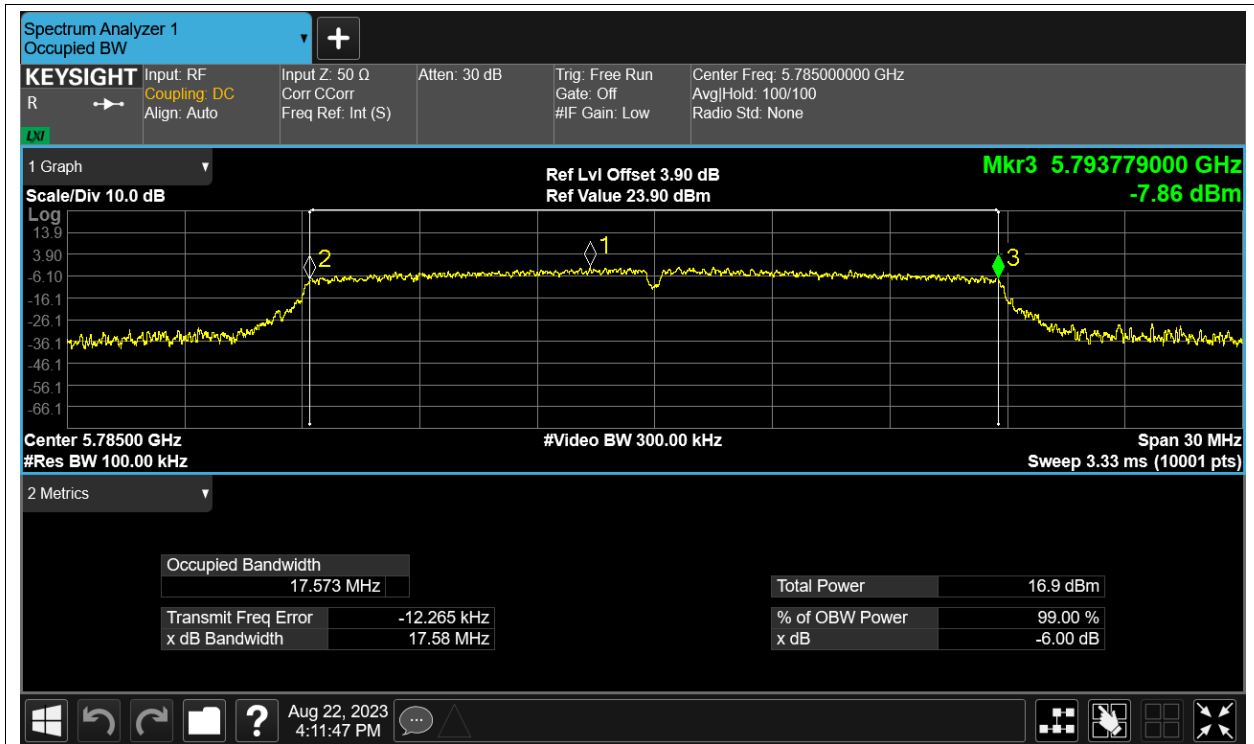
-6dB Bandwidth NVNT ac80 5775MHz Ant12



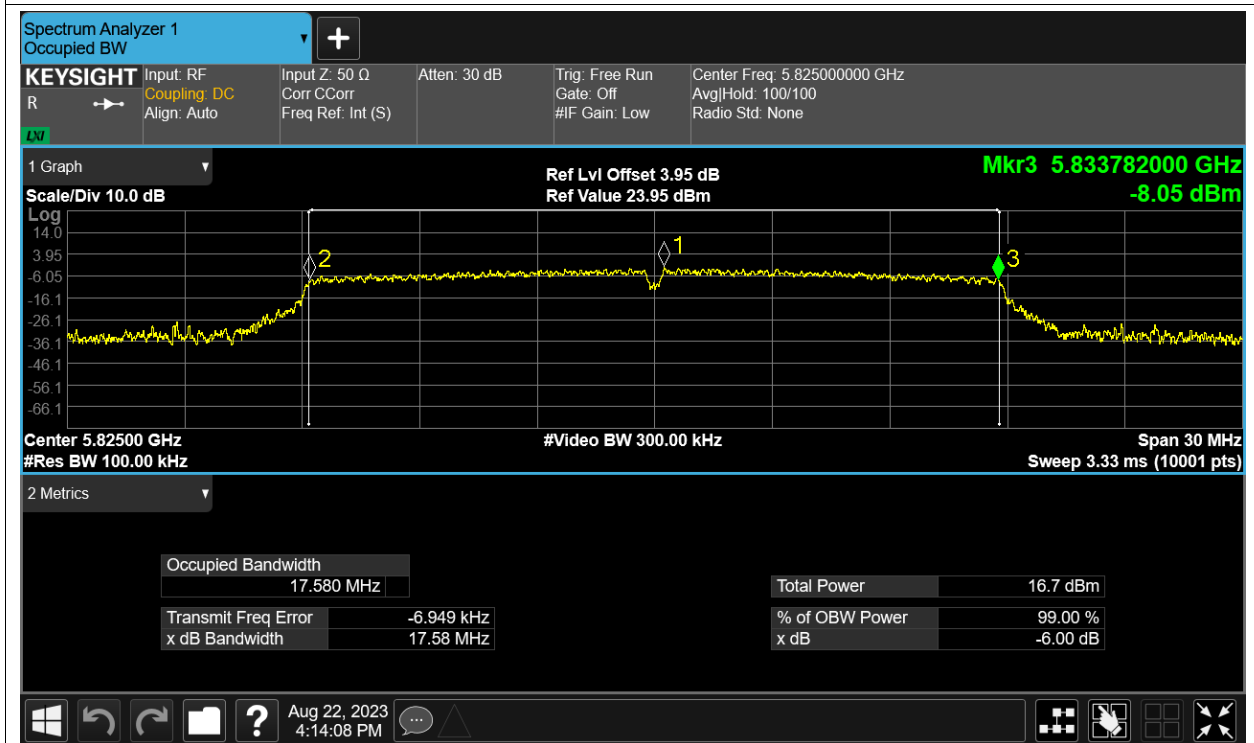
-6dB Bandwidth NVNT n20 5745MHz Ant12



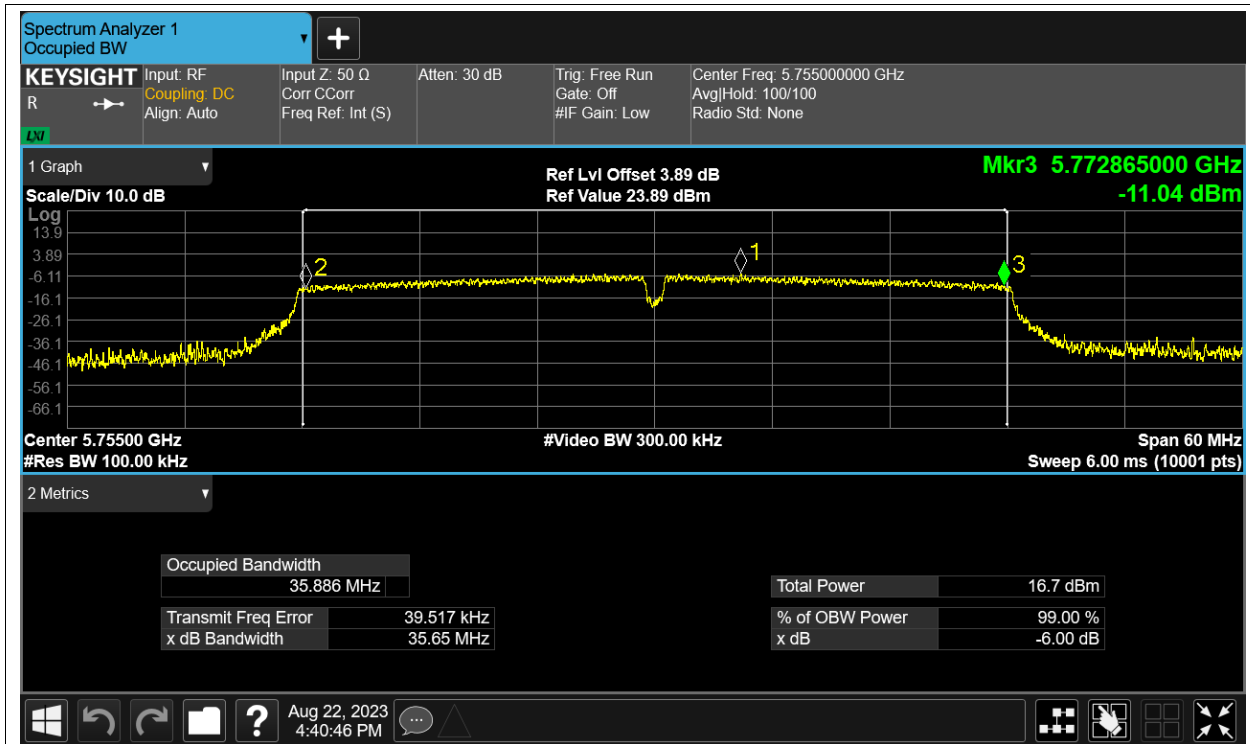
-6dB Bandwidth NVNT n20 5785MHz Ant12



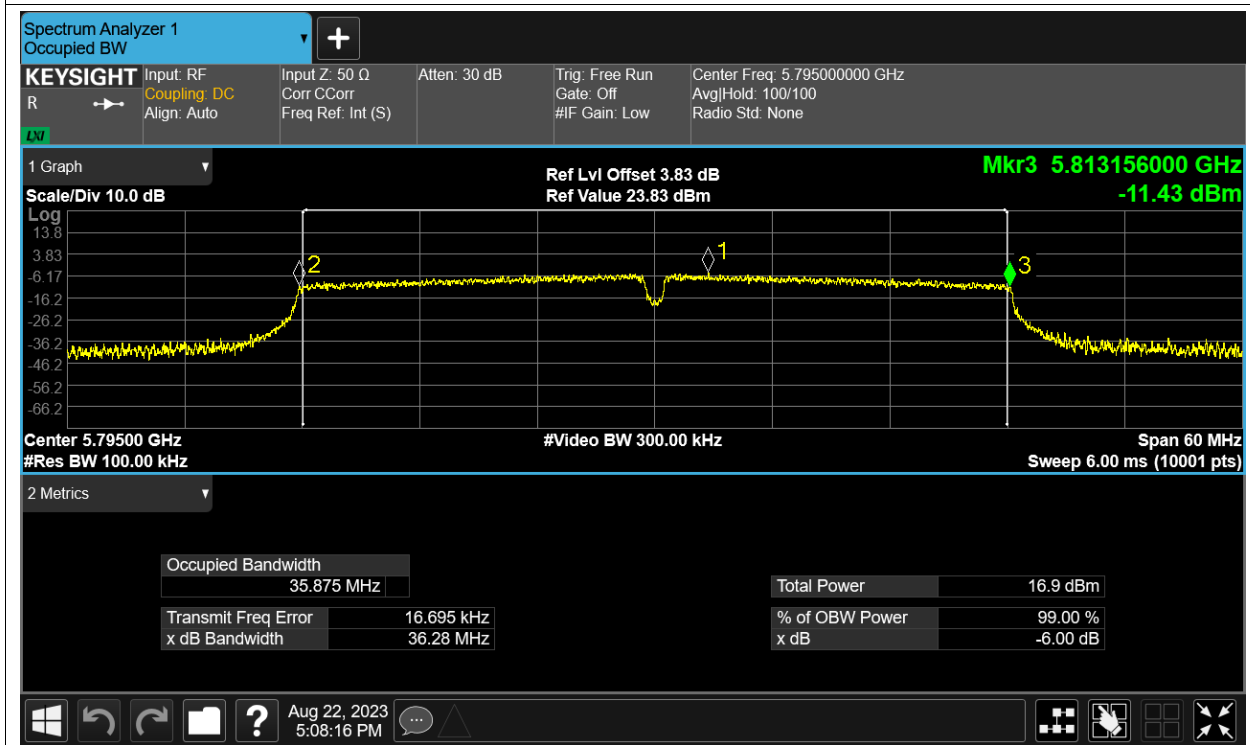
-6dB Bandwidth NVNT n20 5825MHz Ant12



-6dB Bandwidth NVNT n40 5755MHz Ant12



-6dB Bandwidth NVNT n40 5795MHz Ant12

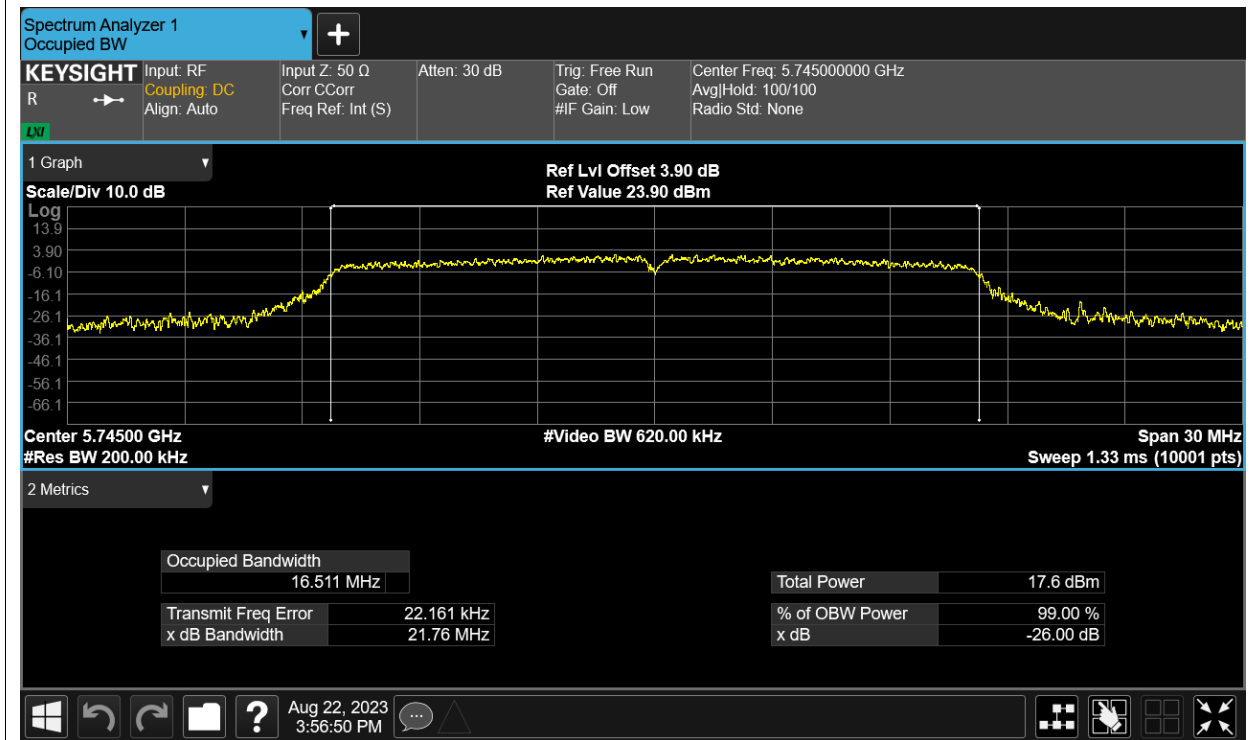


Occupied Channel Bandwidth

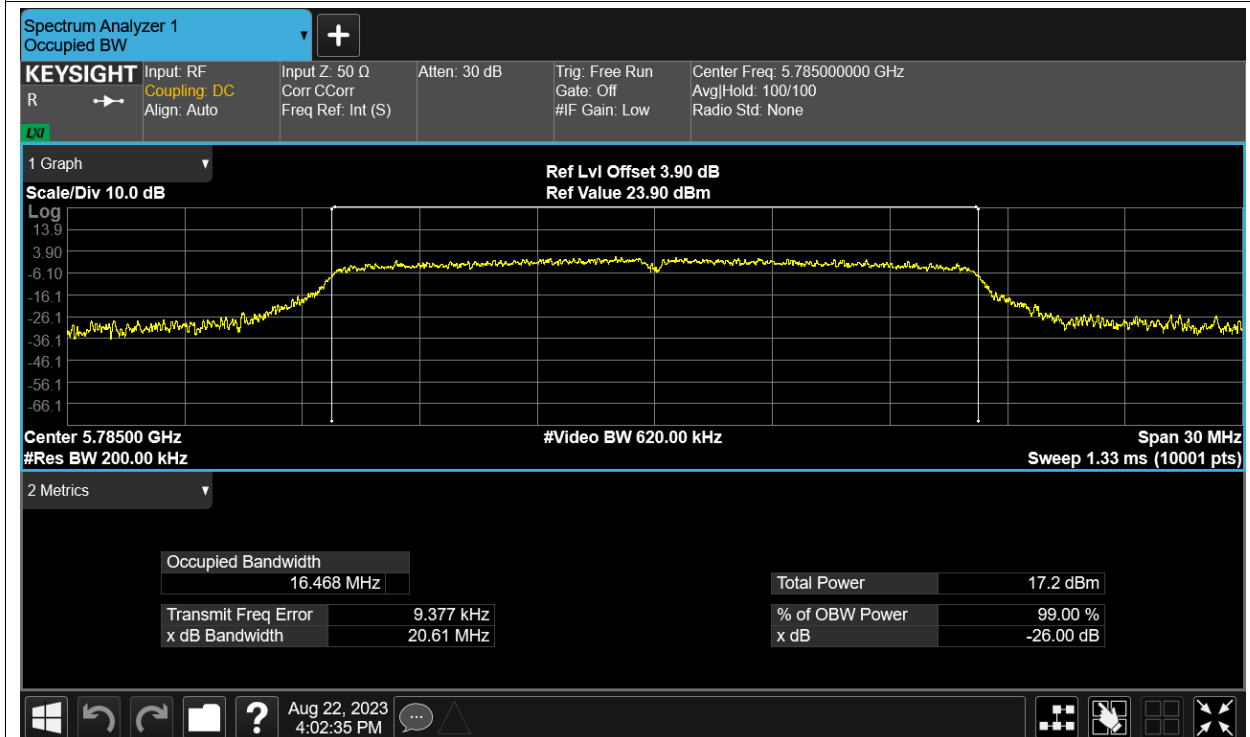
Condition	Mode	Frequency (MHz)	Antenna	99% OBW (MHz)
NVNT	a	5745	Ant12	16.511
NVNT	a	5785	Ant12	16.468
NVNT	a	5825	Ant12	16.444
NVNT	ac20	5745	Ant12	17.554
NVNT	ac20	5785	Ant12	17.579
NVNT	ac20	5825	Ant12	17.615
NVNT	ac40	5755	Ant12	35.981
NVNT	ac40	5795	Ant12	35.971
NVNT	ac80	5775	Ant12	75.105
NVNT	n20	5745	Ant12	17.601
NVNT	n20	5785	Ant12	17.59
NVNT	n20	5825	Ant12	17.621
NVNT	n40	5755	Ant12	35.965
NVNT	n40	5795	Ant12	35.962

Test Graphs

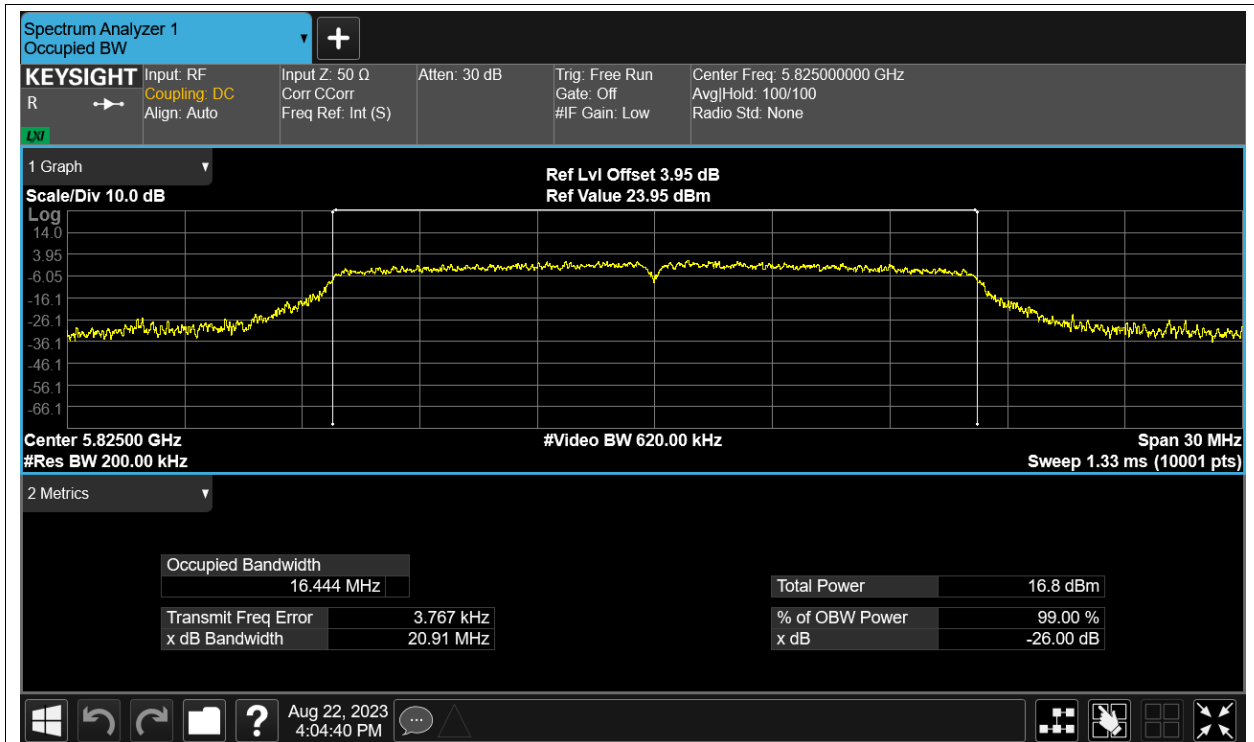
OBW NVNT a 5745MHz Ant12



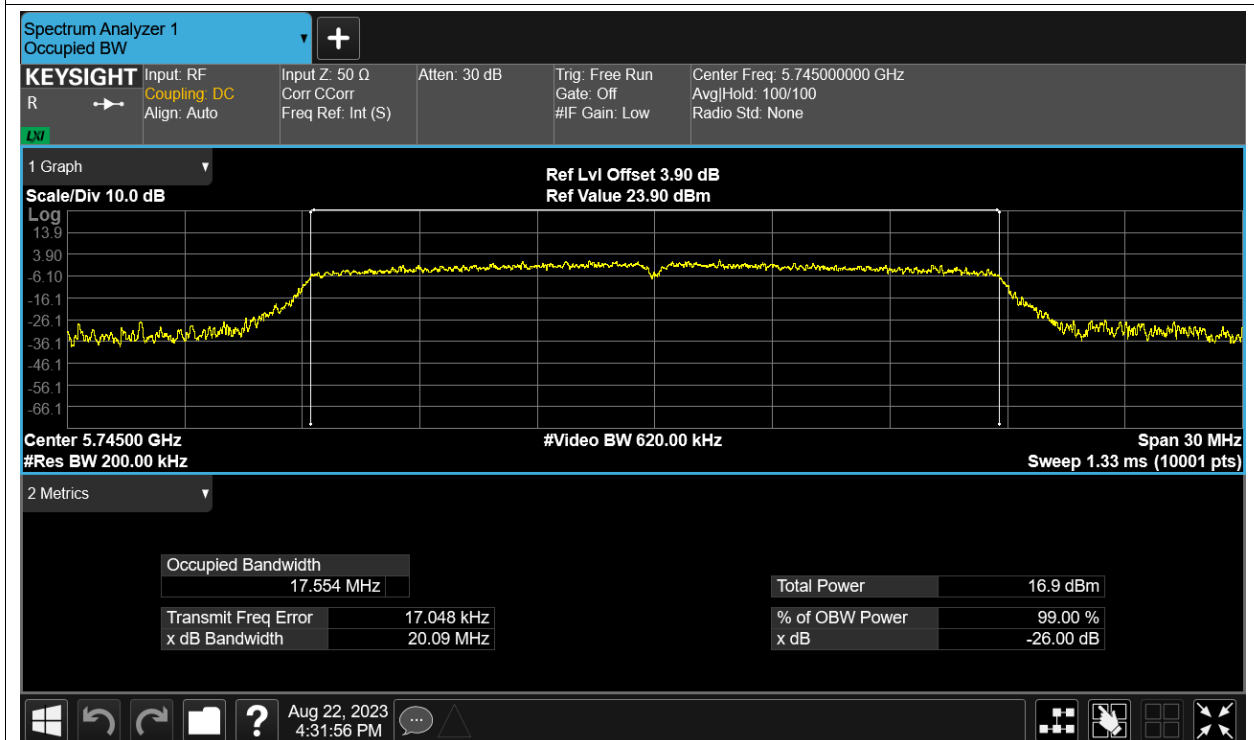
OBW NVNT a 5785MHz Ant12



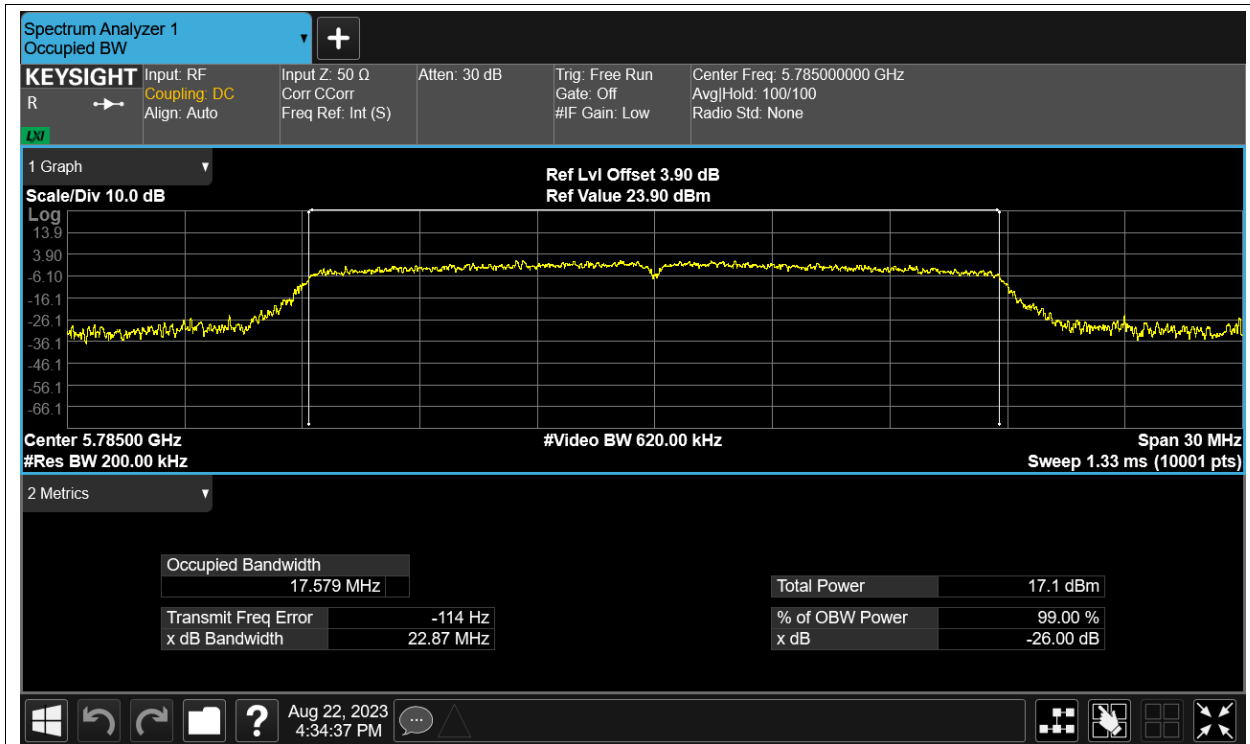
OBW NVNT a 5825MHz Ant12



OBW NVNT ac20 5745MHz Ant12



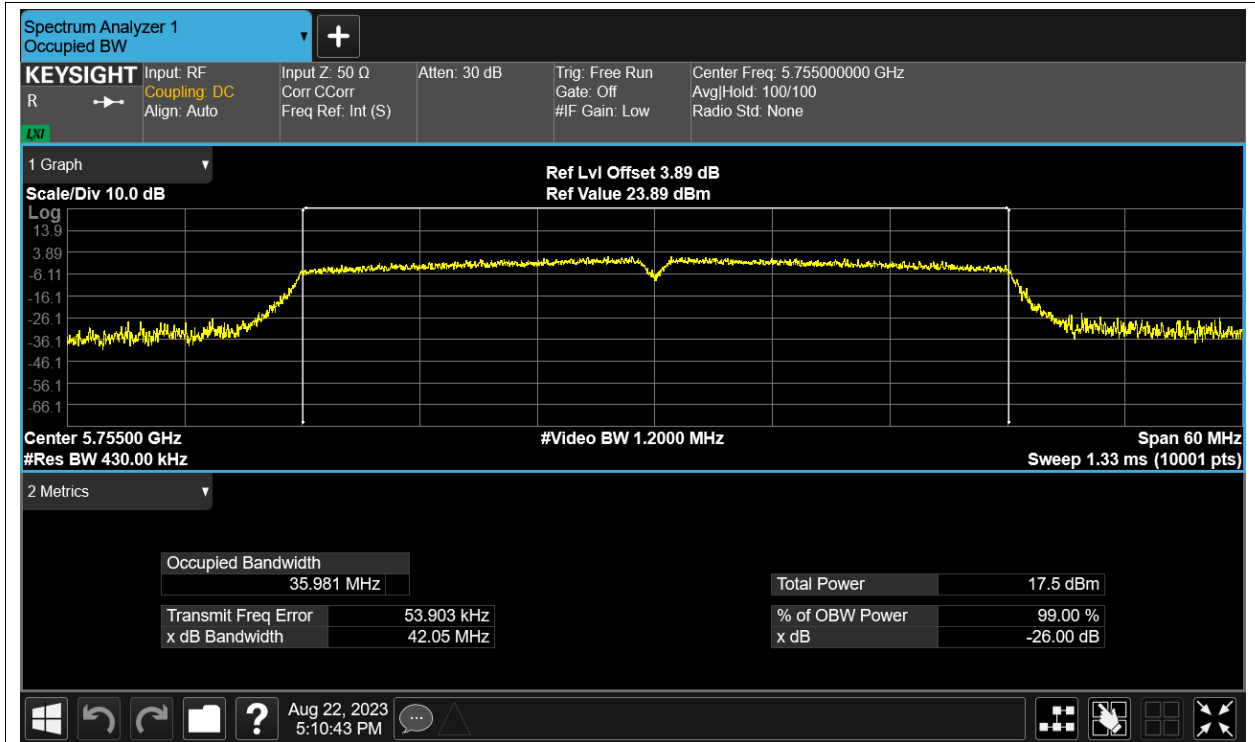
OBW NVNT ac20 5785MHz Ant12



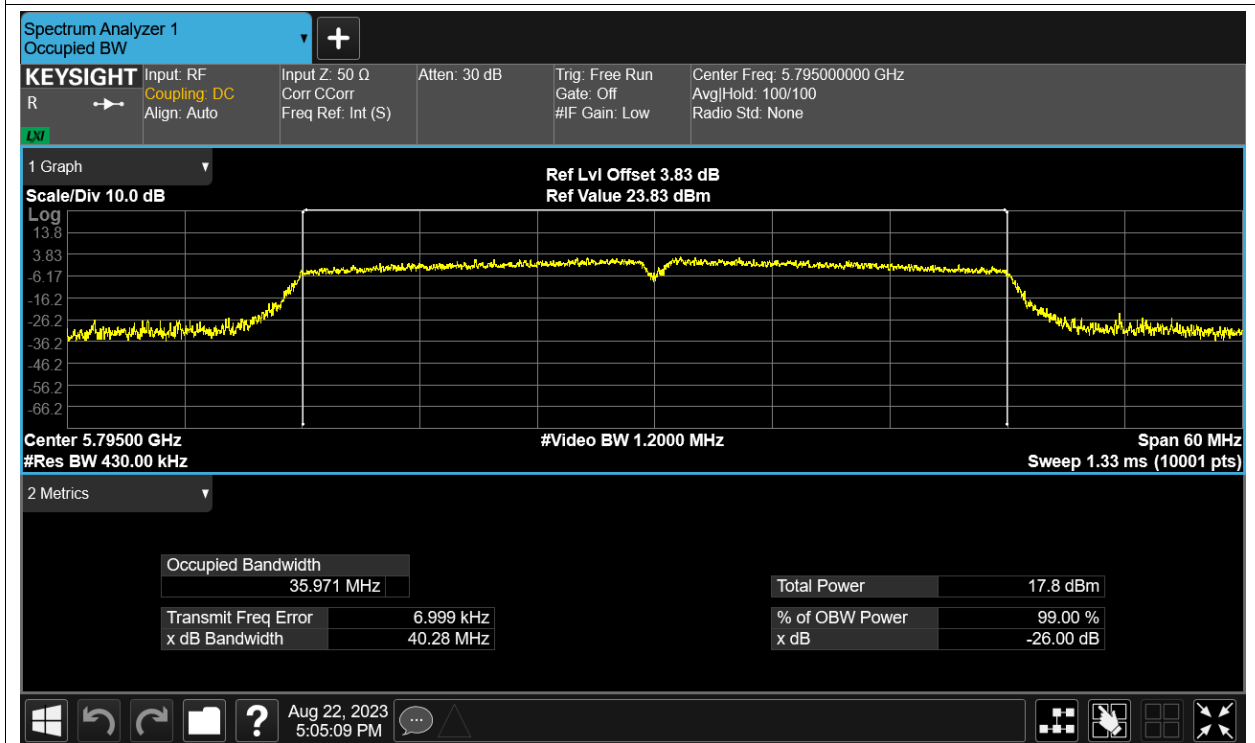
OBW NVNT ac20 5825MHz Ant12



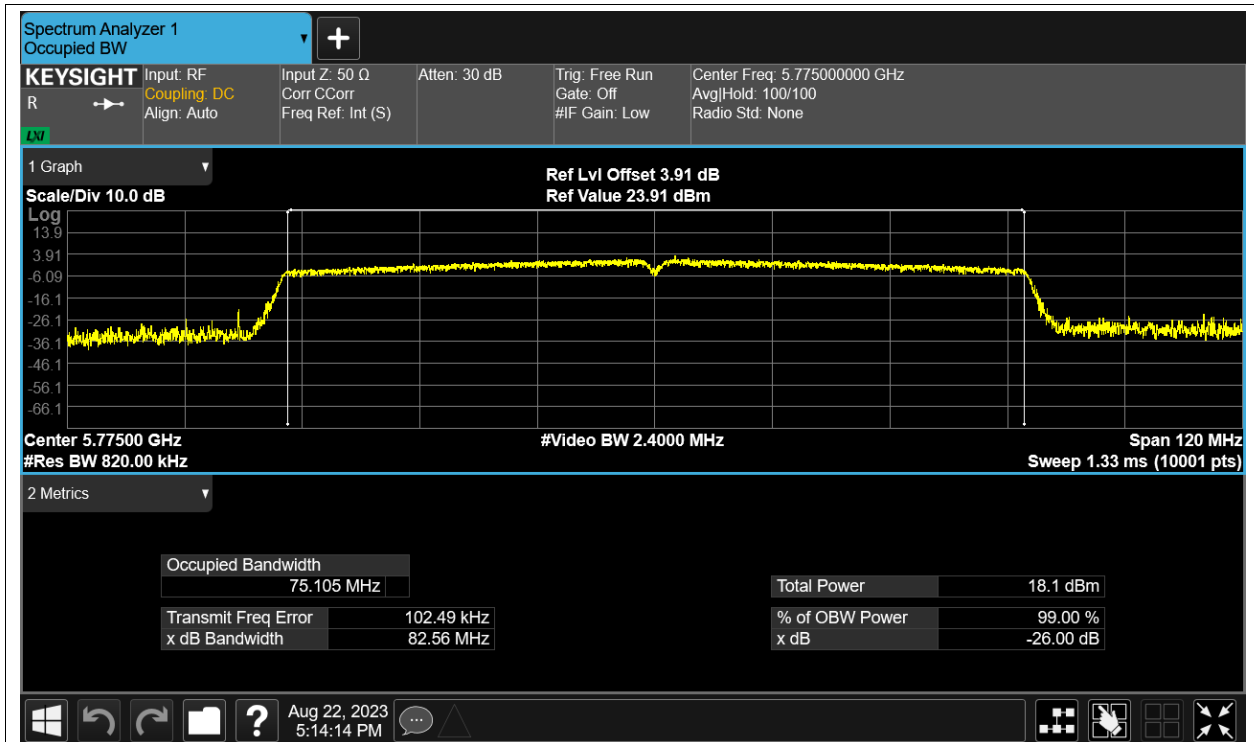
OBW NVNT ac40 5755MHz Ant12



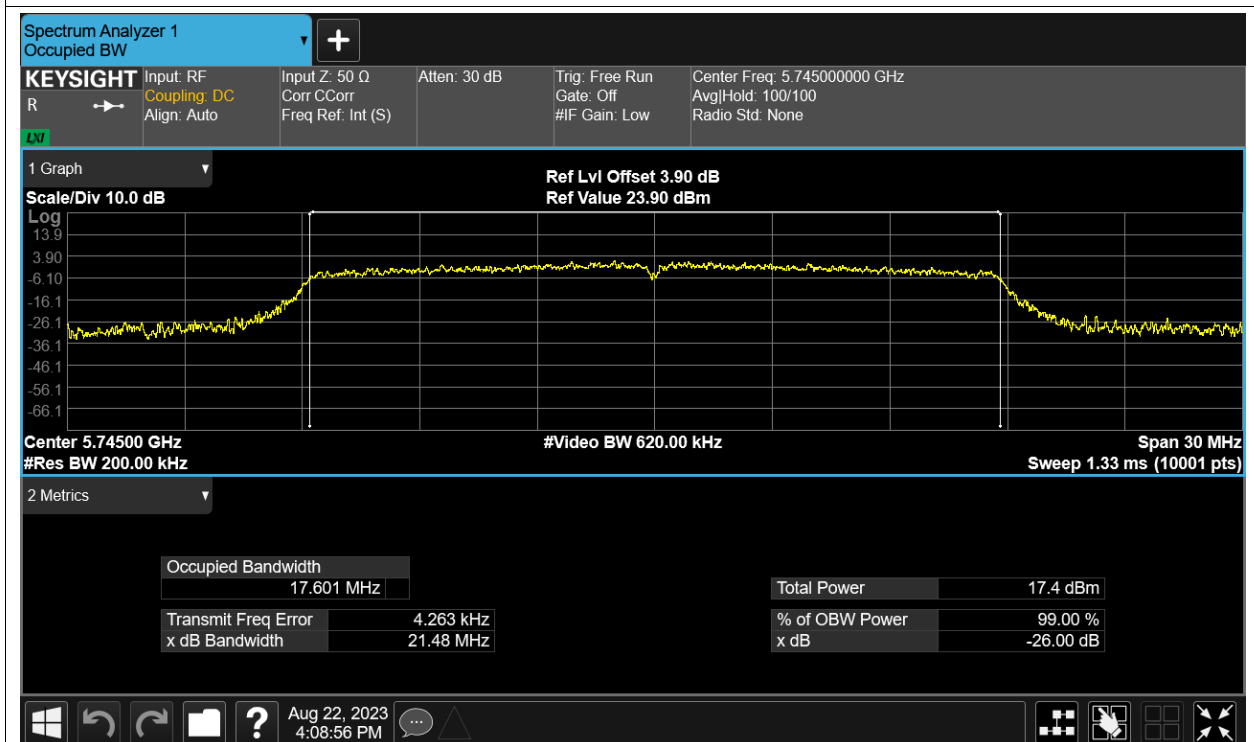
OBW NVNT ac40 5795MHz Ant12



OBW NVNT ac80 5775MHz Ant12



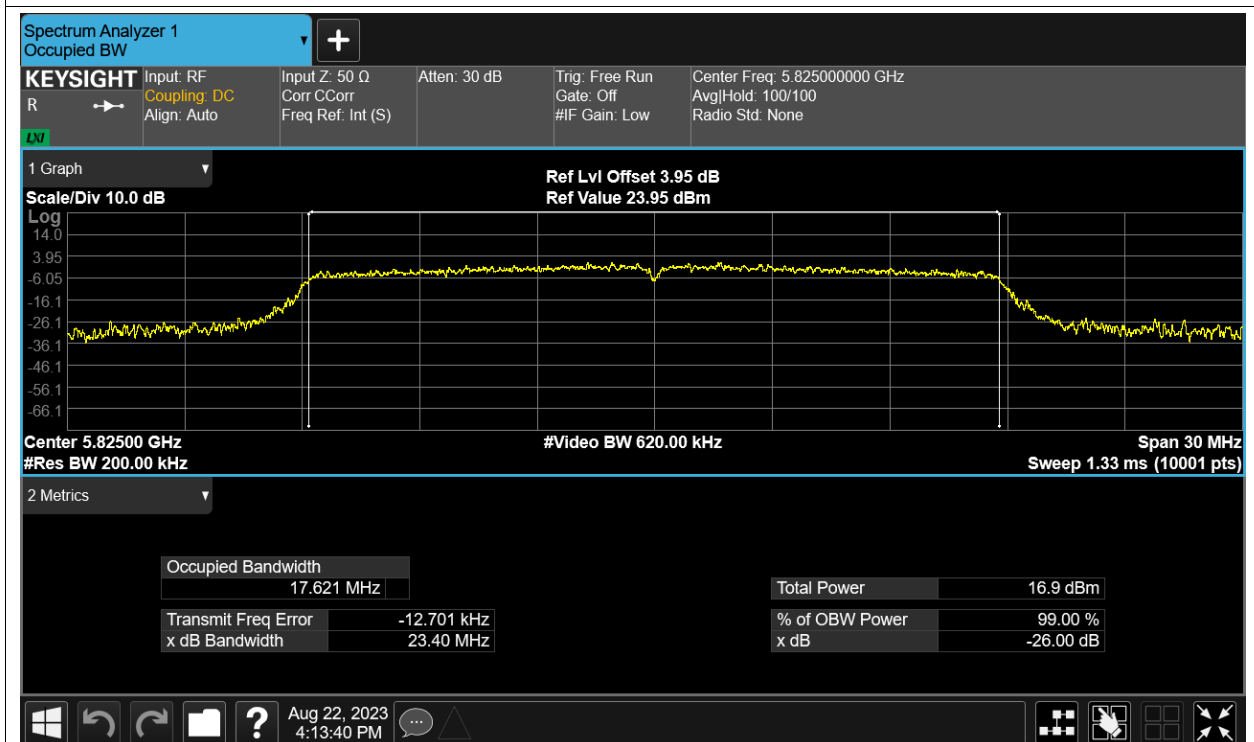
OBW NVNT n20 5745MHz Ant12



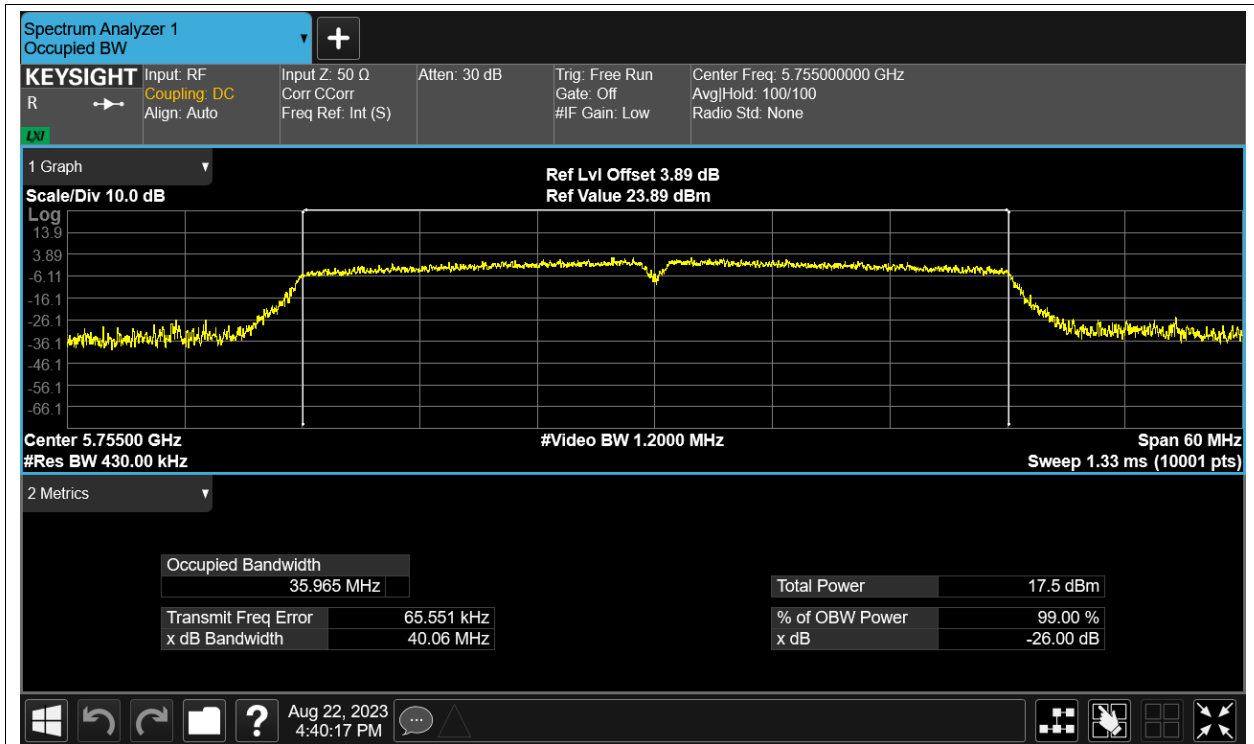
OBW NVNT n20 5785MHz Ant12



OBW NVNT n20 5825MHz Ant12



OBW NVNT n40 5755MHz Ant12



OBW NVNT n40 5795MHz Ant12

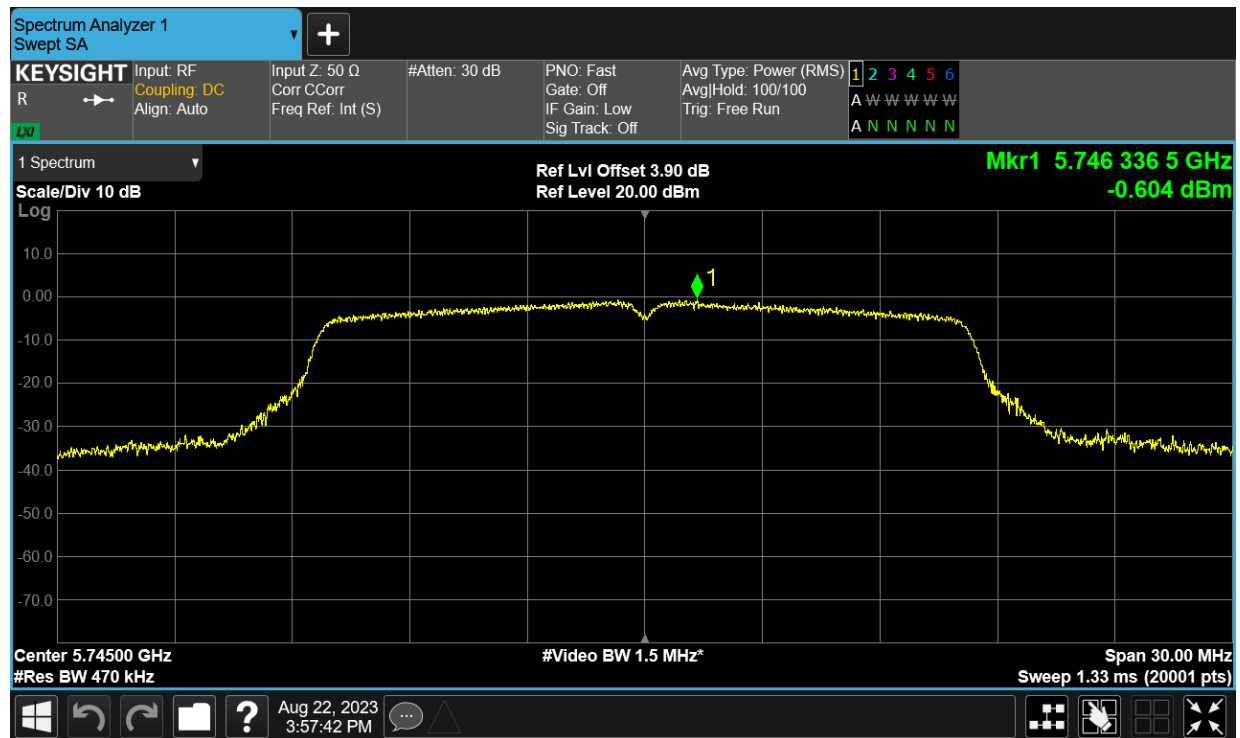


Maximum Power Spectral Density Level

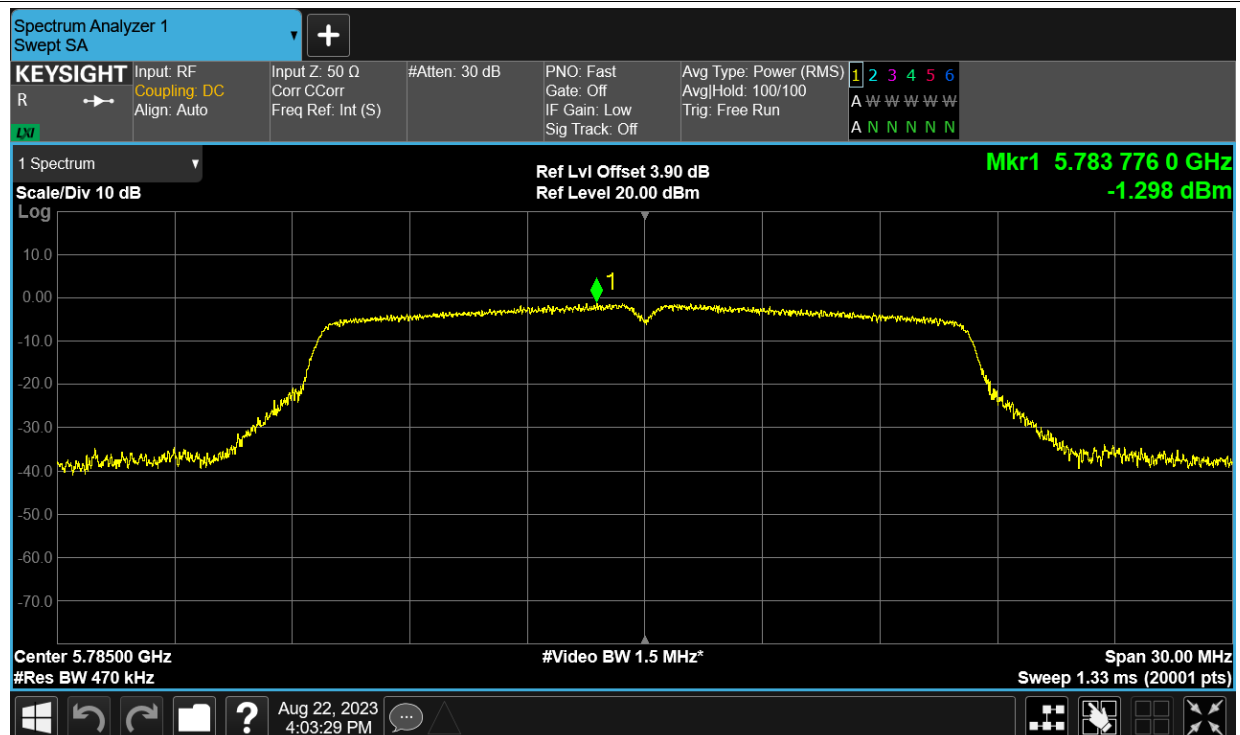
Condition	Mode	Frequency (MHz)	Antenna	Max PSD (dBm)	Limit (dBm)	Verdict
NVNT	a	5745	Ant12	-0.604	30	Pass
NVNT	a	5785	Ant12	-1.298	30	Pass
NVNT	a	5825	Ant12	-1.678	30	Pass
NVNT	ac20	5745	Ant12	-1.547	30	Pass
NVNT	ac20	5785	Ant12	-1.595	30	Pass
NVNT	ac20	5825	Ant12	-1.463	30	Pass
NVNT	ac40	5755	Ant12	-4.031	30	Pass
NVNT	ac40	5795	Ant12	-4.012	30	Pass
NVNT	ac80	5775	Ant12	-7.432	30	Pass
NVNT	n20	5745	Ant12	-1.154	30	Pass
NVNT	n20	5785	Ant12	-1.587	30	Pass
NVNT	n20	5825	Ant12	-1.857	30	Pass
NVNT	n40	5755	Ant12	-3.766	30	Pass
NVNT	n40	5795	Ant12	-4.052	30	Pass

Test Graphs

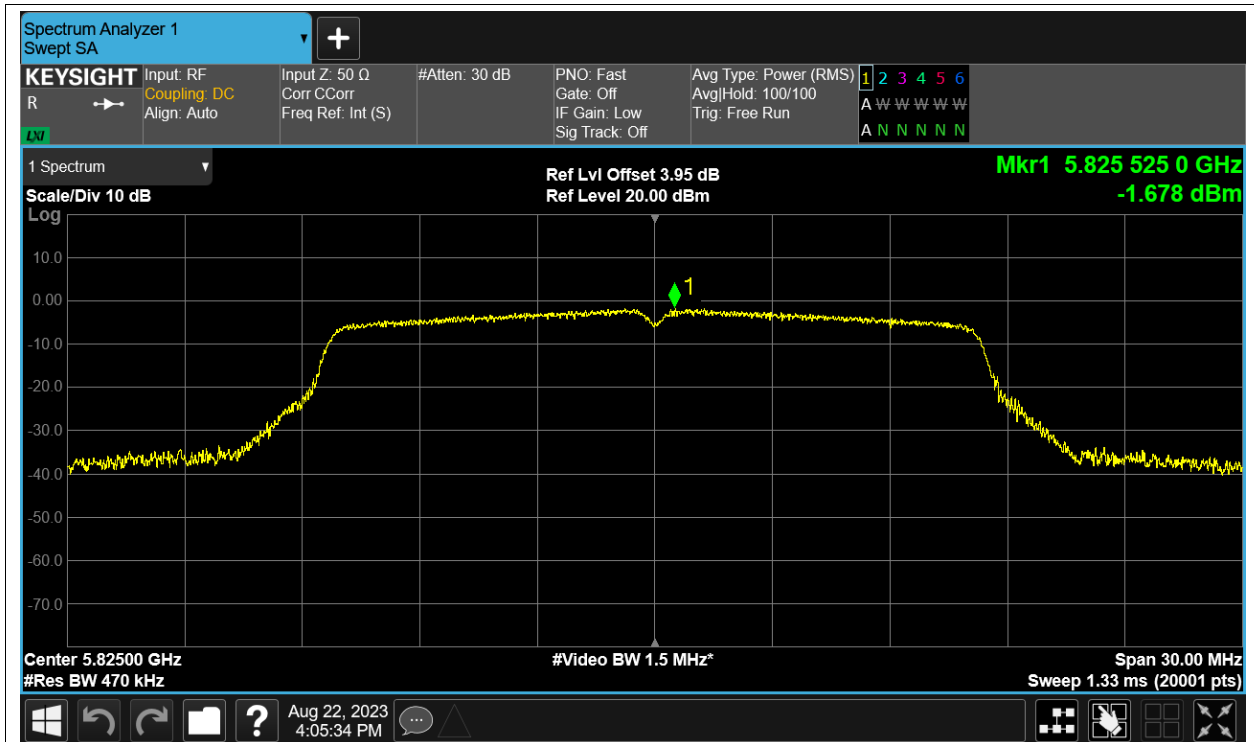
PSD NVNT a 5745MHz Ant12



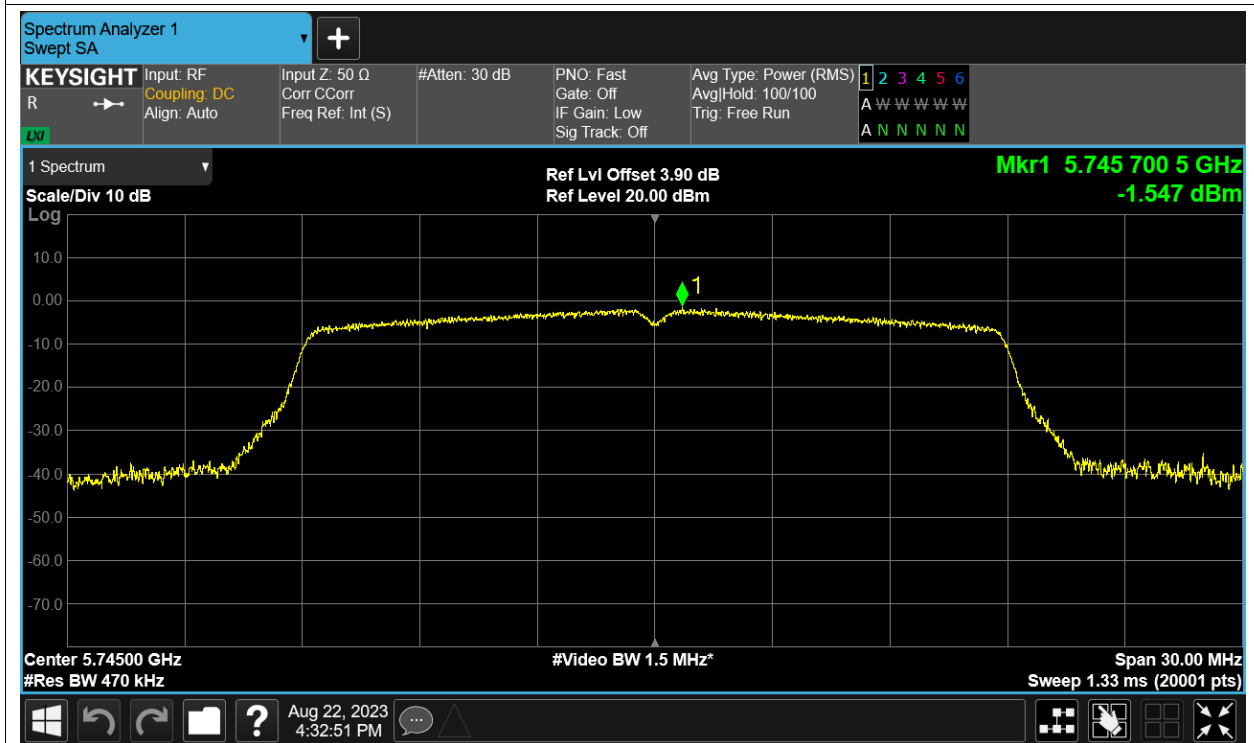
PSD NVNT a 5785MHz Ant12



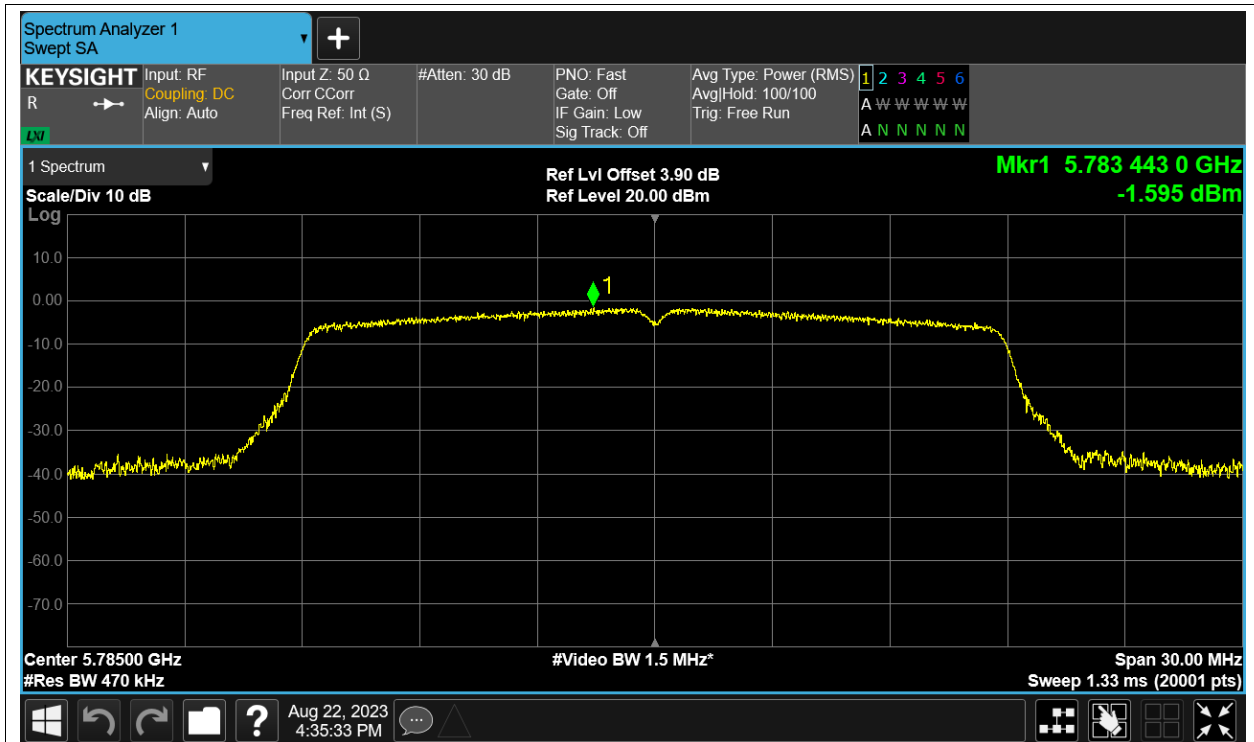
PSD NVNT a 5825MHz Ant12



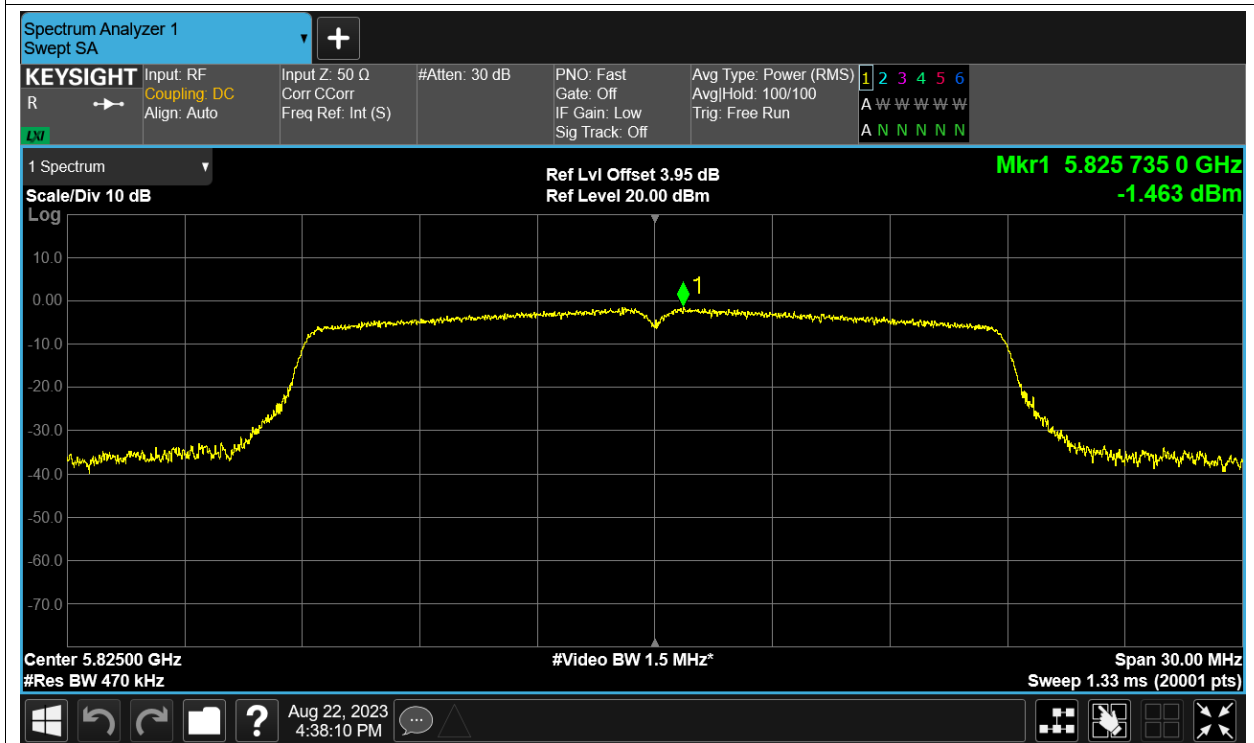
PSD NVNT ac20 5745MHz Ant12



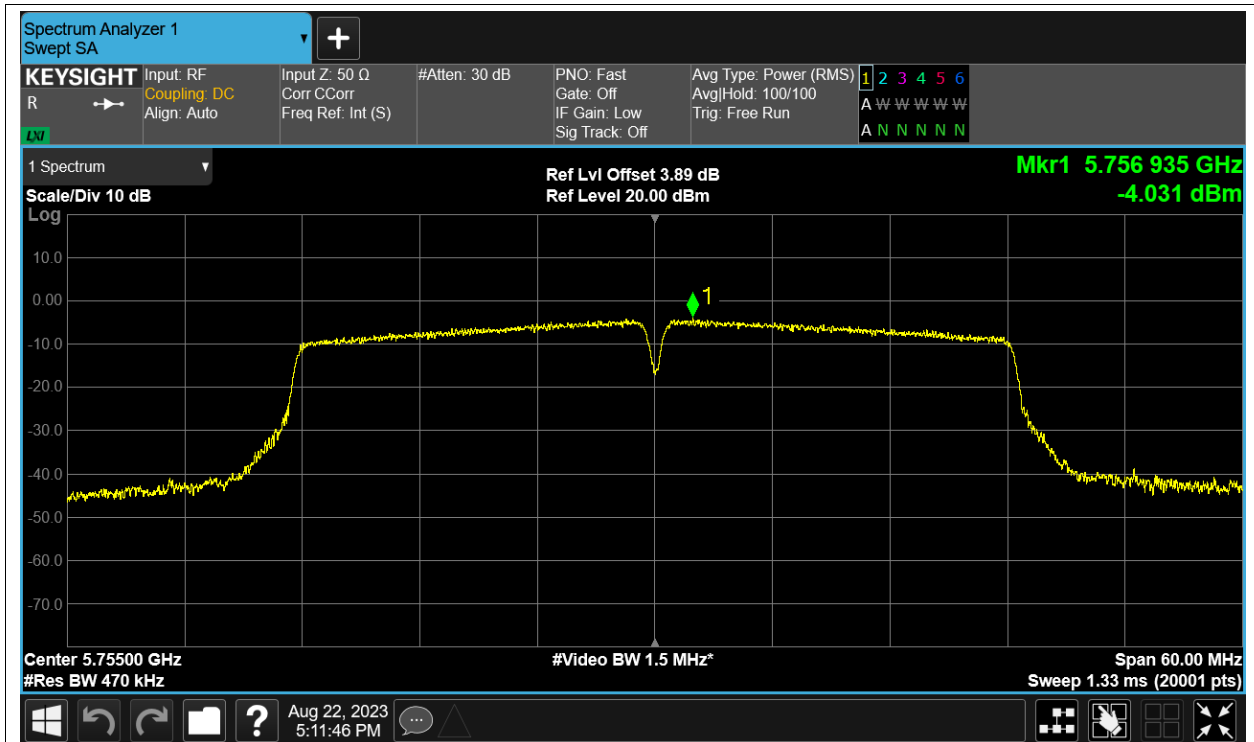
PSD NVNT ac20 5785MHz Ant12



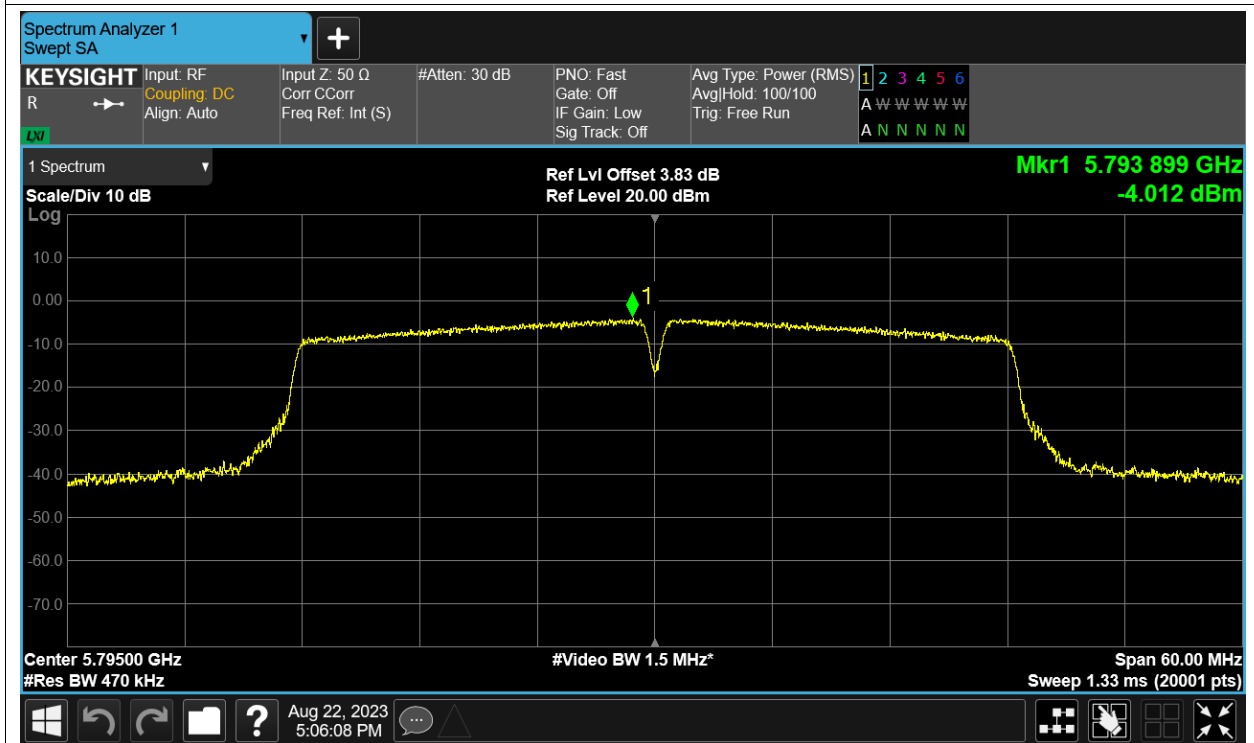
PSD NVNT ac20 5825MHz Ant12



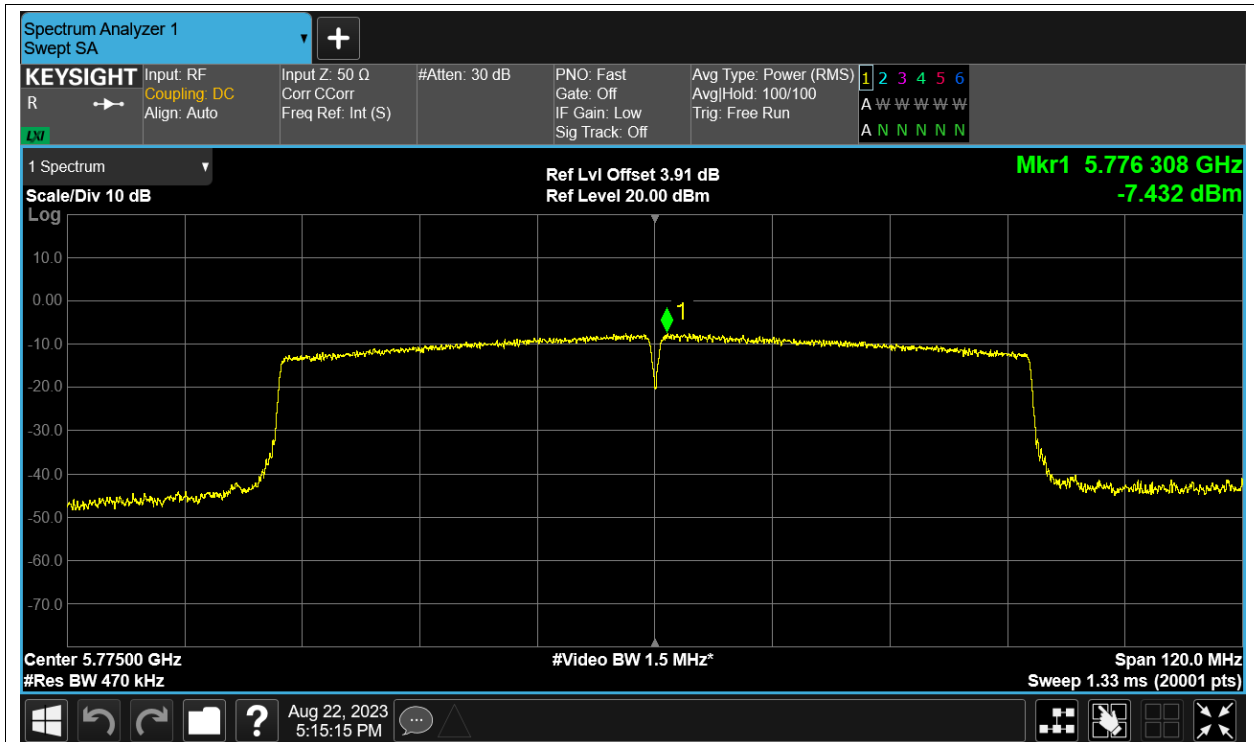
PSD NVNT ac40 5755MHz Ant12



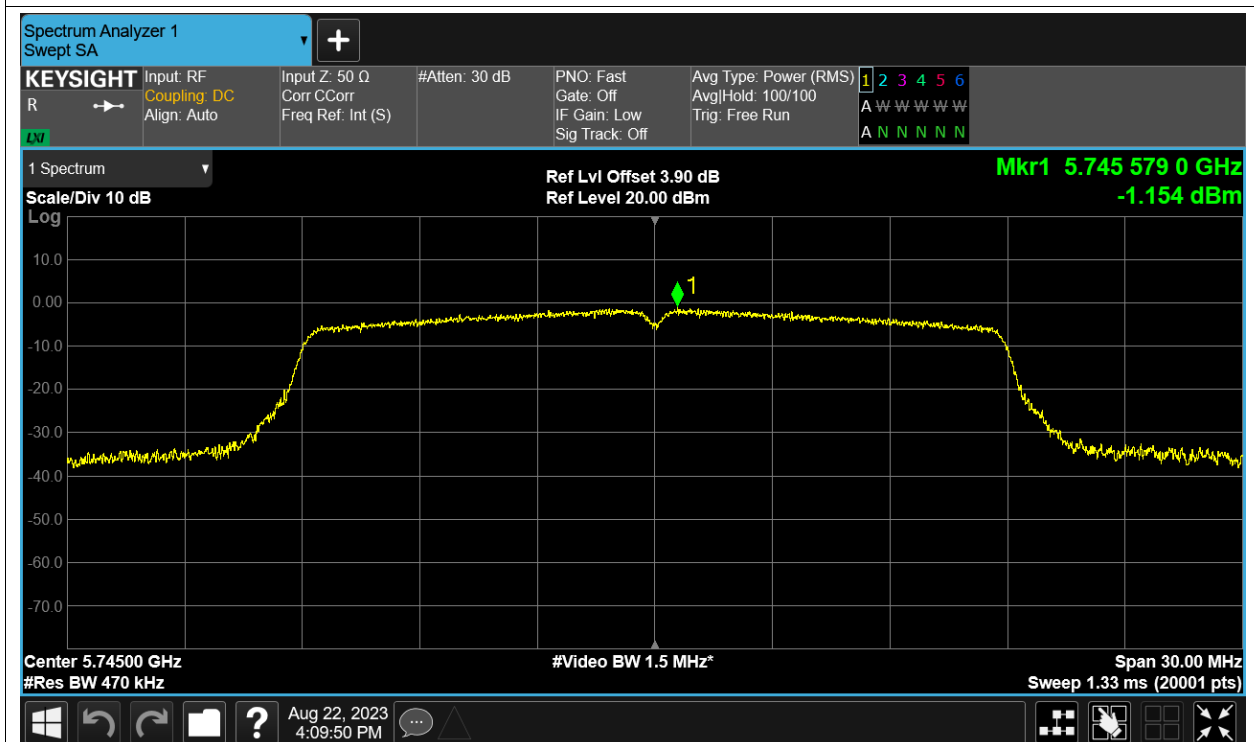
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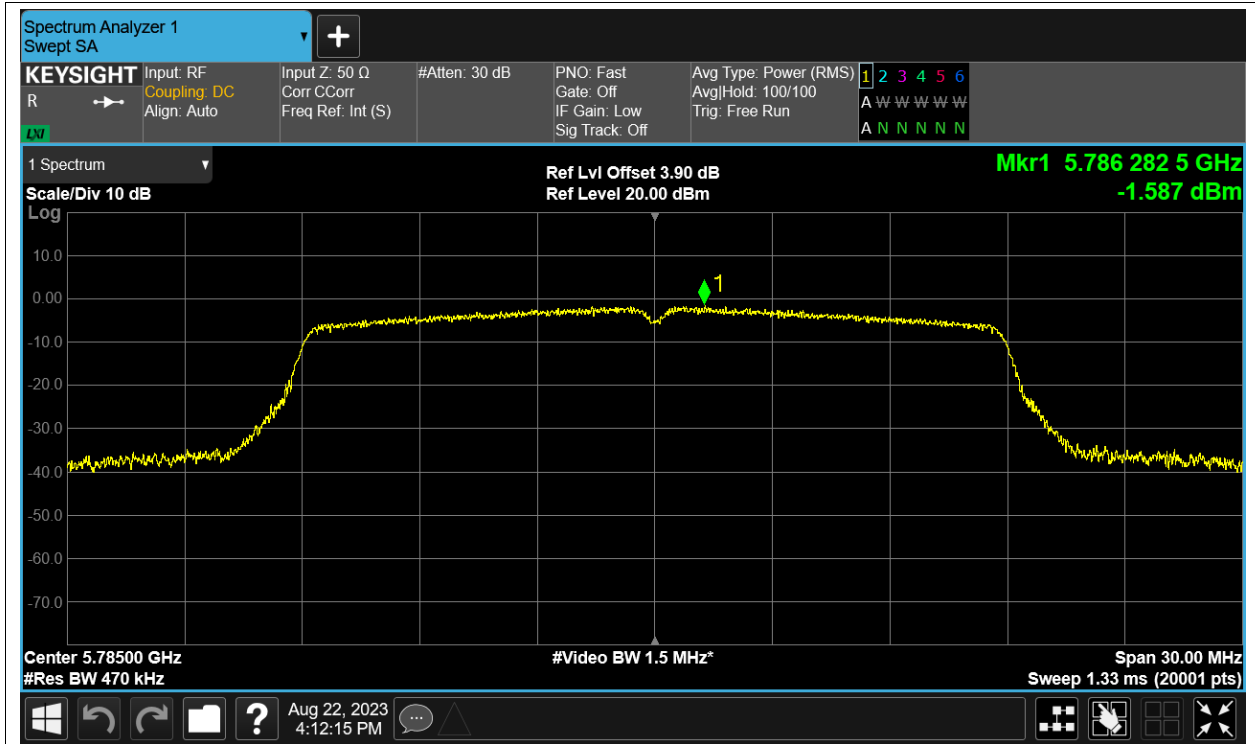
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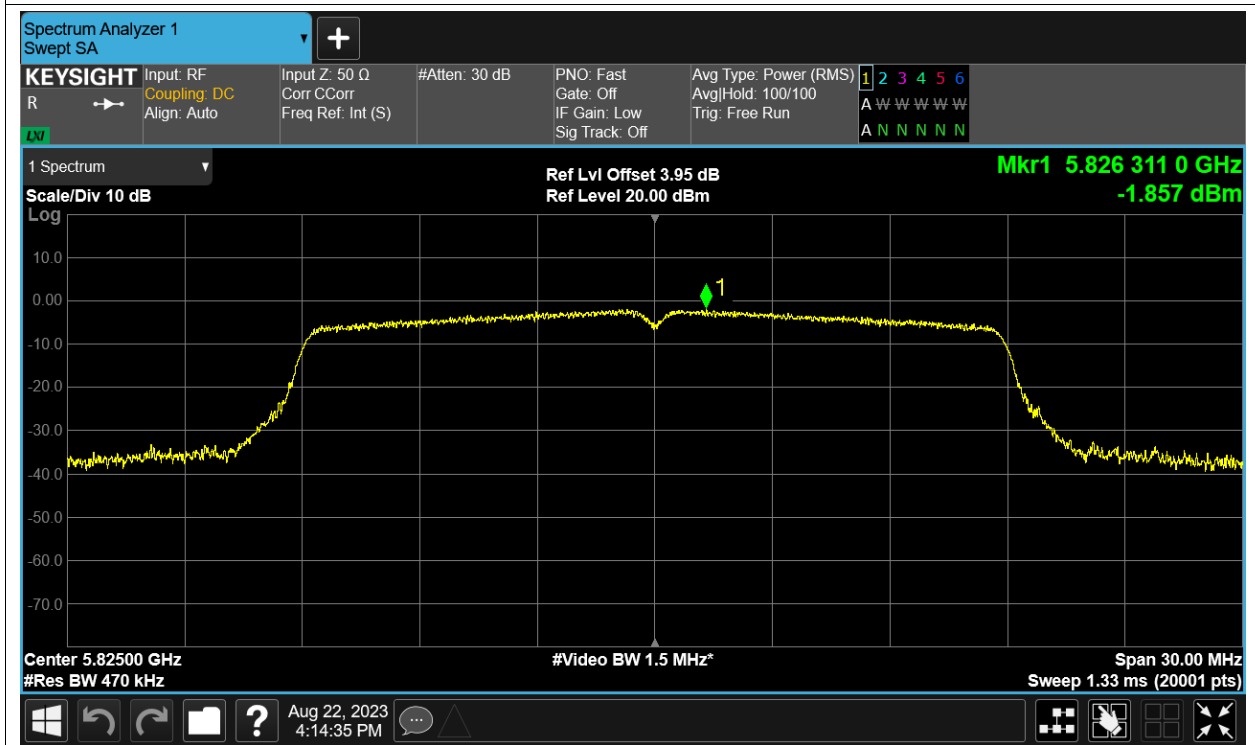
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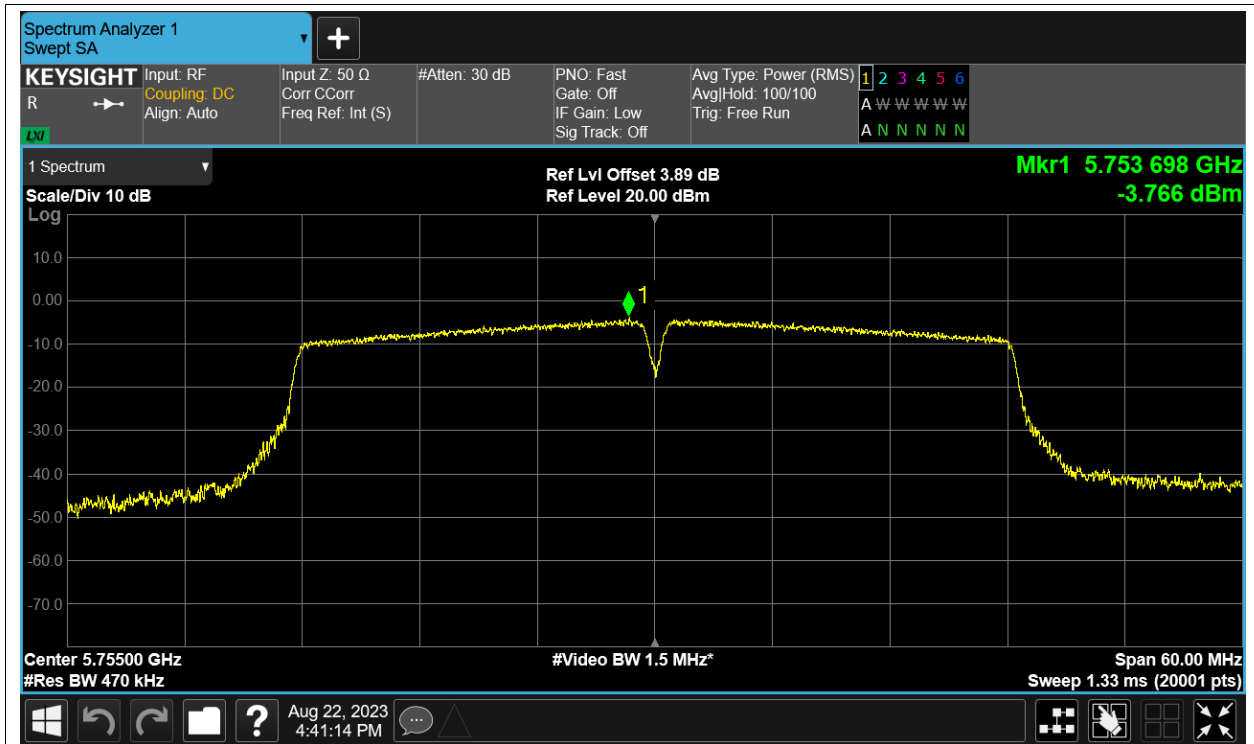
PSD NVNT n20 5785MHz Ant12



PSD NVNT n20 5825MHz Ant12



PSD NVNT n40 5755MHz Ant12



PSD NVNT n40 5795MHz Ant12

