

Test Data

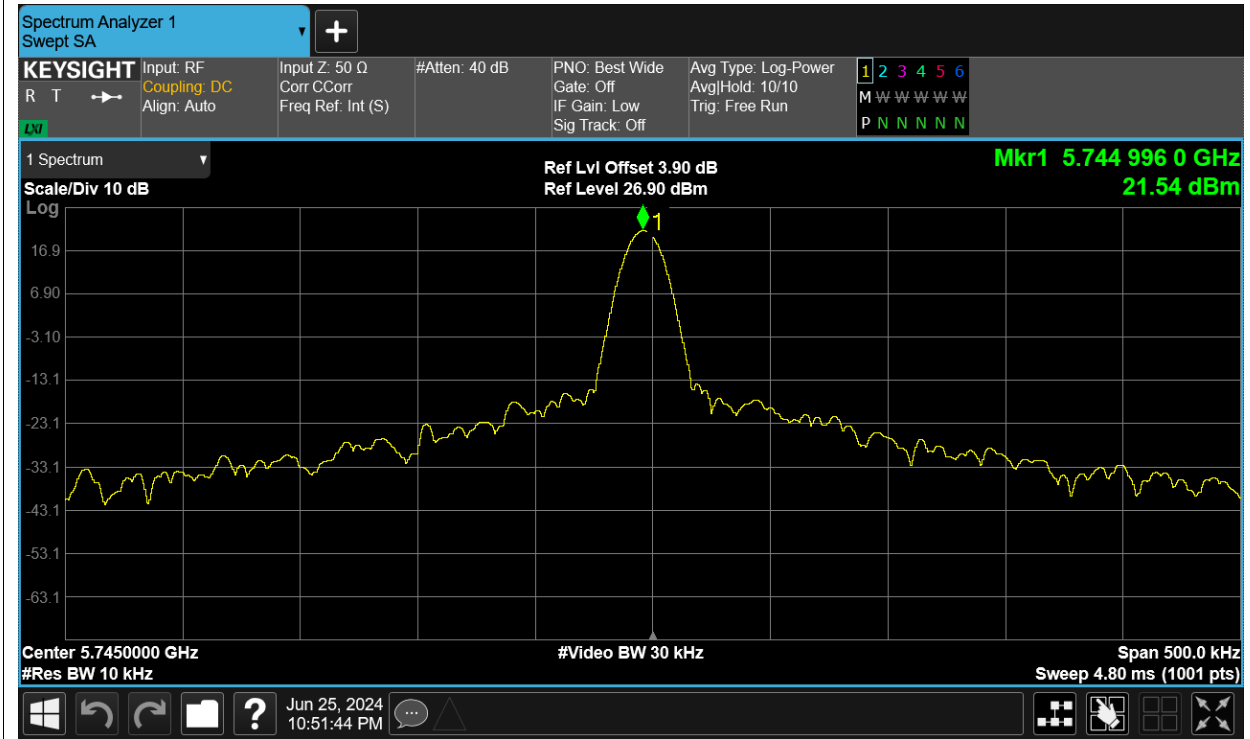
Frequency Stability

Condition	Mode	Frequency (MHz)	Antenna	Measured Frequency (MHz)	Deviation (ppm)	Limit (ppm)	Verdict
HVNT	a	5745	Ant2	5744.996	-0.7	Within authorized band	Pass
LVNT	a	5745	Ant2	5744.9965	-0.61		Pass
NVHT	a	5745	Ant2	5744.997	-0.52		Pass
NVLT	a	5745	Ant2	5744.9975	-0.44		Pass
NVNT	a	5745	Ant2	5744.9955	-0.78		Pass
HVNT	ac80	5775	Ant2	5774.995	-0.87		Pass
LVNT	ac80	5775	Ant2	5774.995	-0.87		Pass
NVHT	ac80	5775	Ant2	5774.9955	-0.78		Pass
NVLT	ac80	5775	Ant2	5774.9955	-0.78		Pass
NVNT	ac80	5775	Ant2	5774.996	-0.69		Pass
HVNT	n40	5755	Ant2	5754.995	-0.87		Pass
LVNT	n40	5755	Ant2	5754.995	-0.87		Pass
NVHT	n40	5755	Ant2	5754.995	-0.87		Pass
NVLT	n40	5755	Ant2	5754.995	-0.87		Pass
NVNT	n40	5755	Ant2	5754.9955	-0.78		Pass

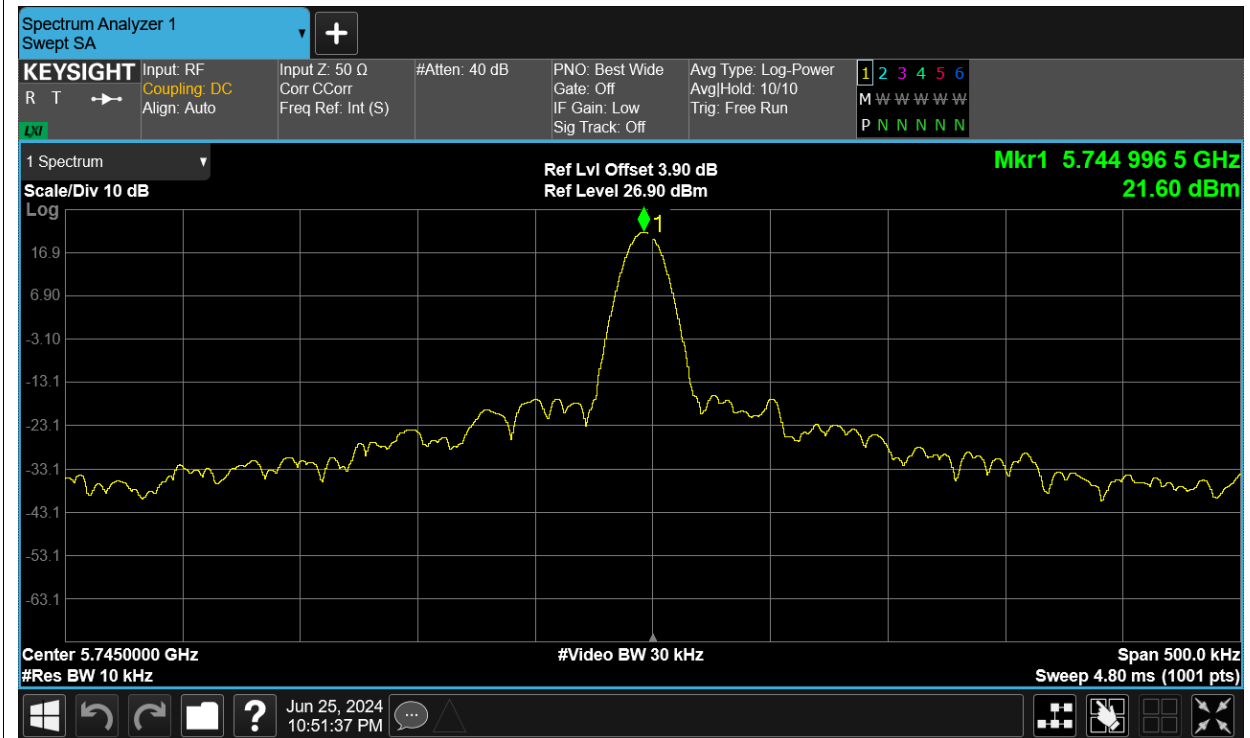
Remark: "NTNV" means Normal Temperature Normal Voltage, "NVHT" means Normal Voltage High Temperature, "NVLT" means Normal Voltage Low Temperature, "LVNT" means Low Voltage Normal Temperature, "HVNT" means High Voltage Normal Temperature.

Test Graphs

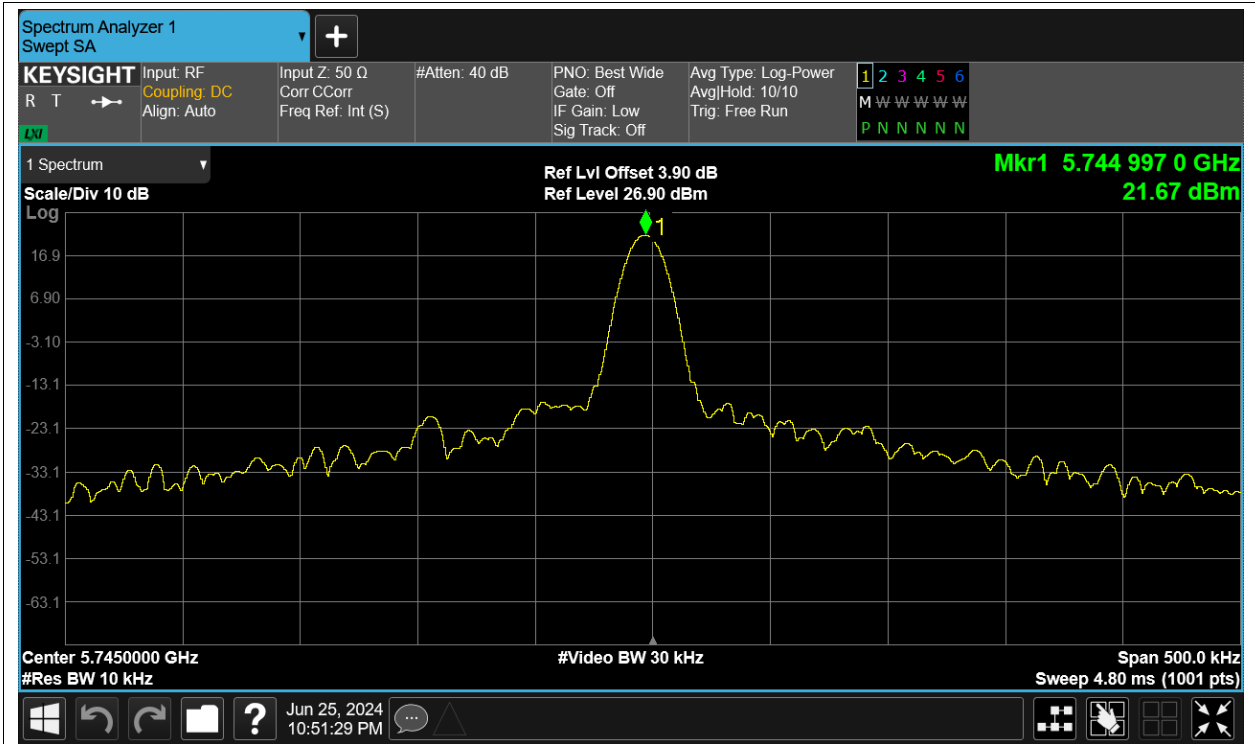
Freq. Stability HVNT a 5745MHz Ant2



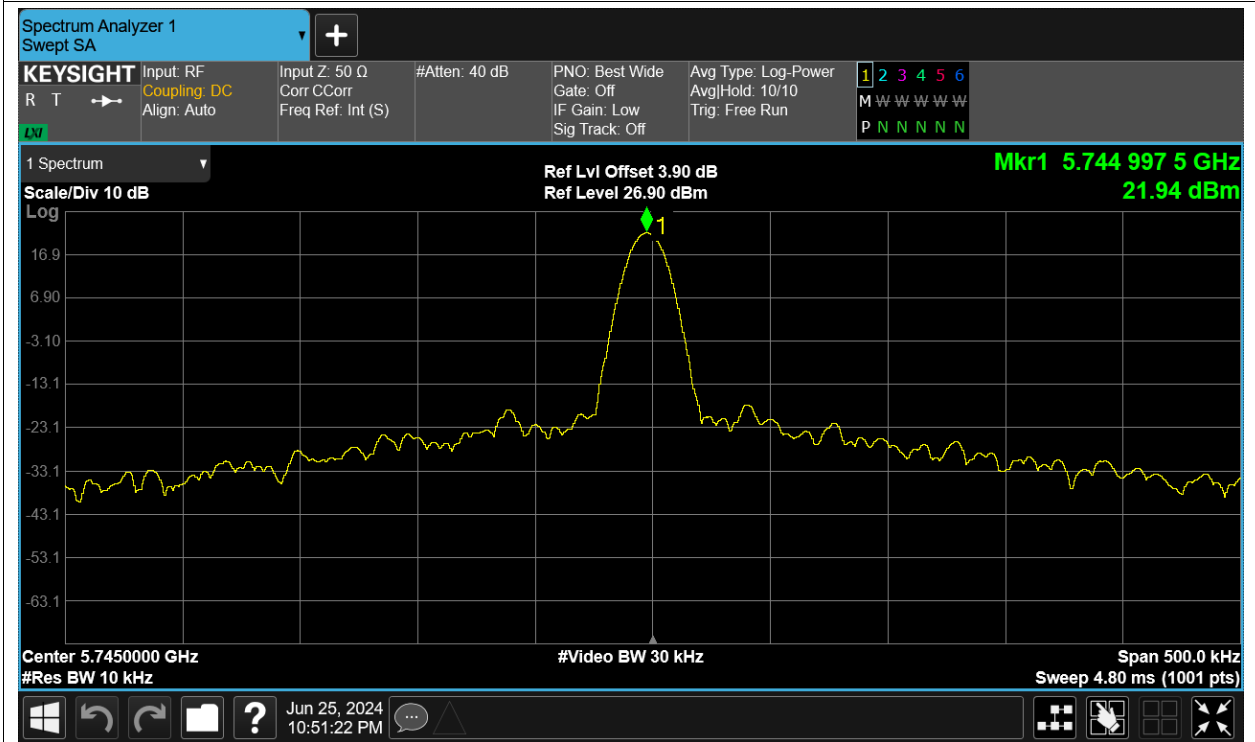
Freq. Stability LVNT a 5745MHz Ant2



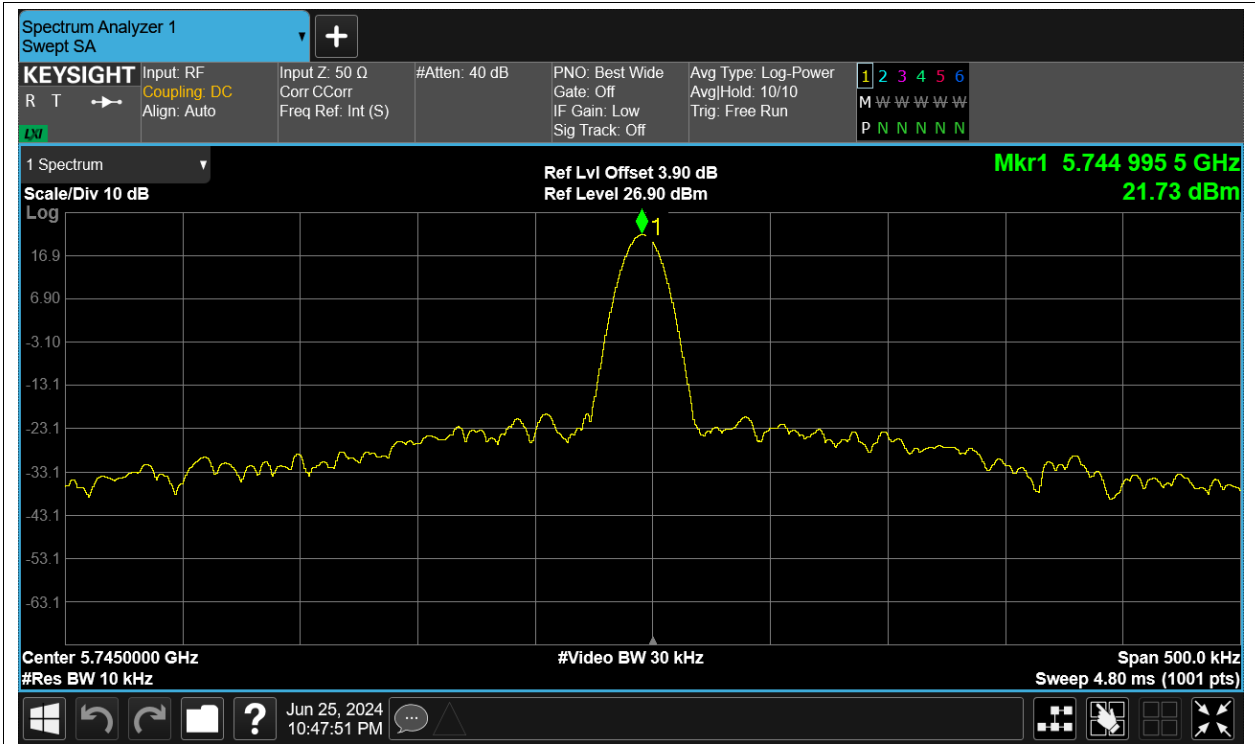
Freq. Stability NVHT a 5745MHz Ant2



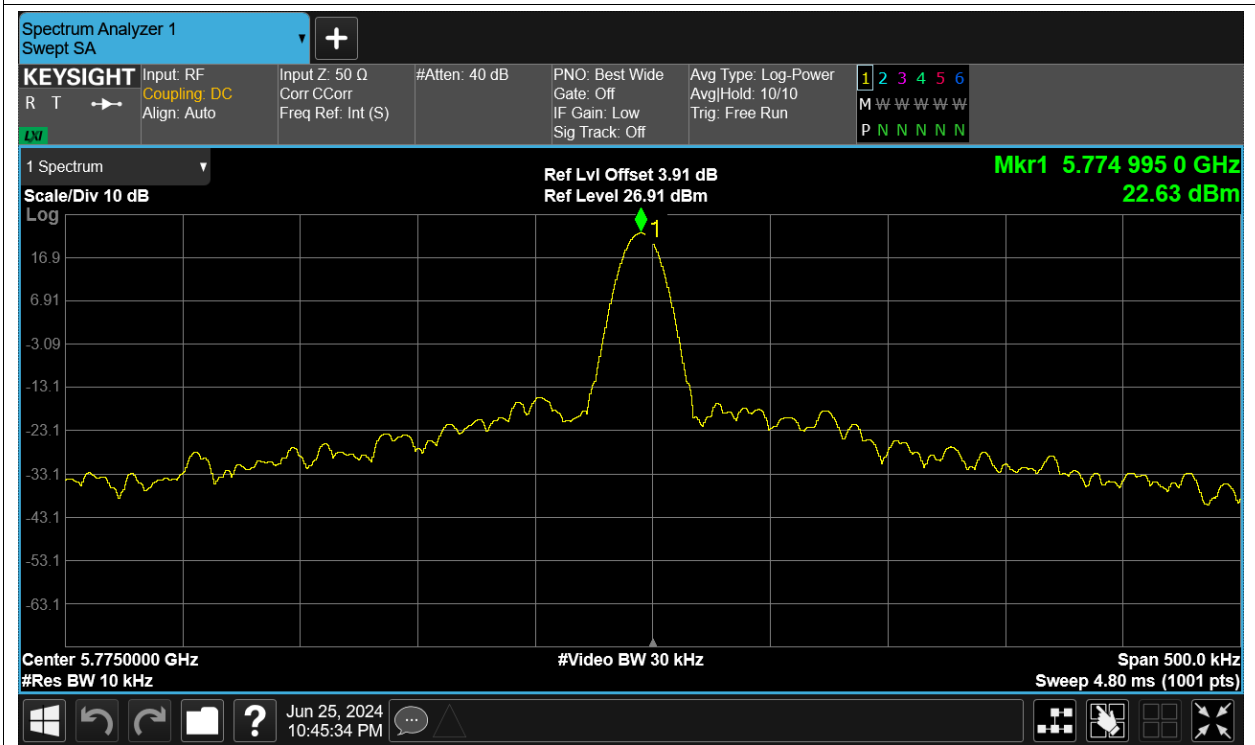
Freq. Stability NVLT a 5745MHz Ant2



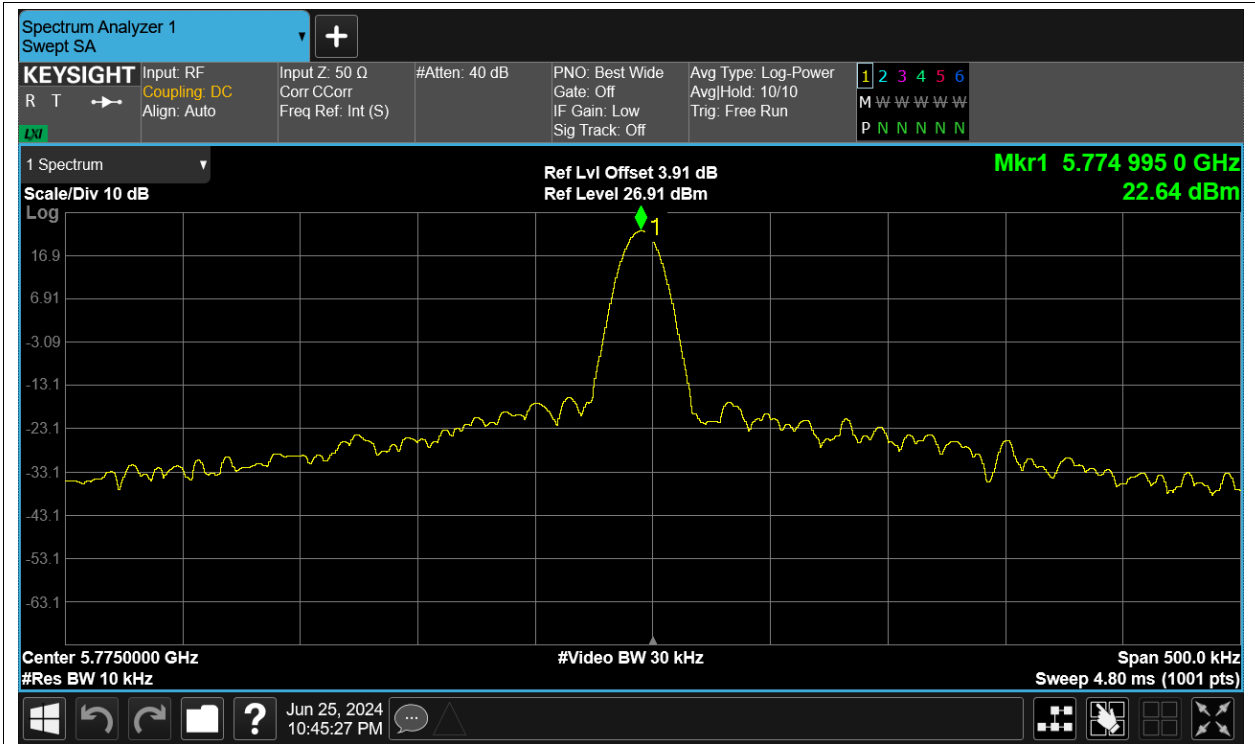
Freq. Stability NVNT a 5745MHz Ant2



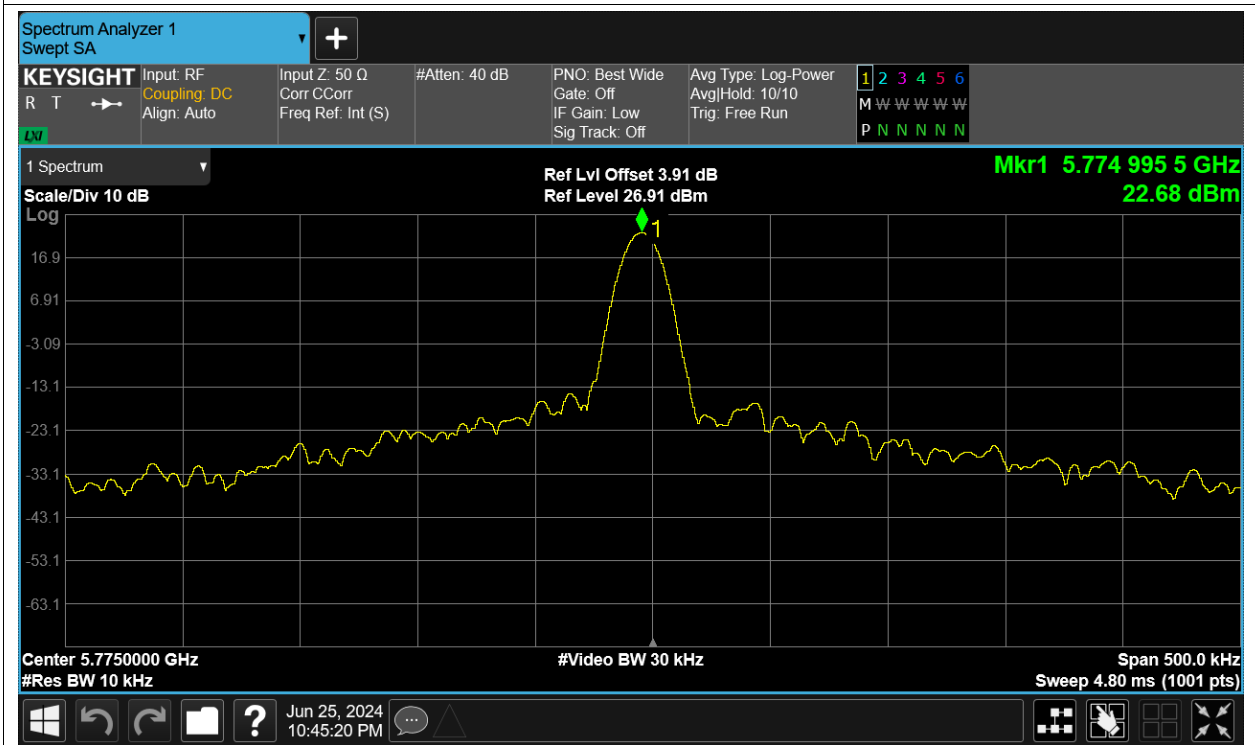
Freq. Stability HVNT ac80 5775MHz Ant2



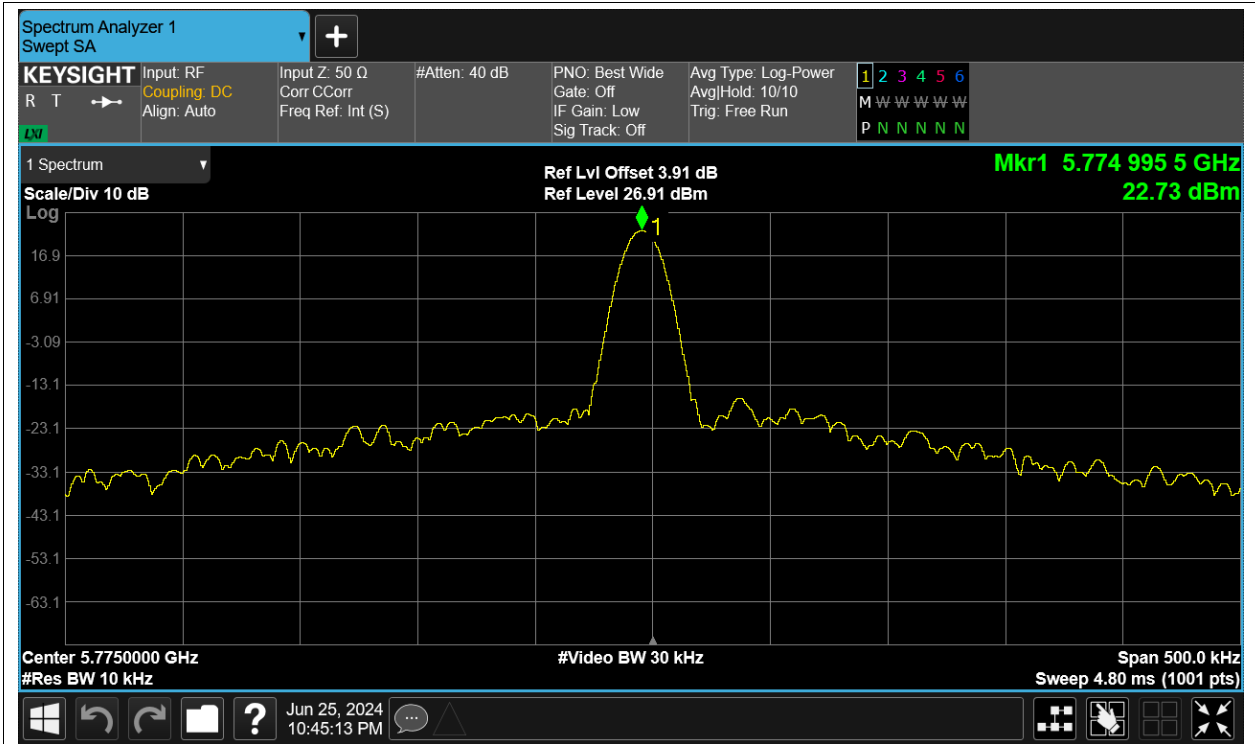
Freq. Stability LVNT ac80 5775MHz Ant2



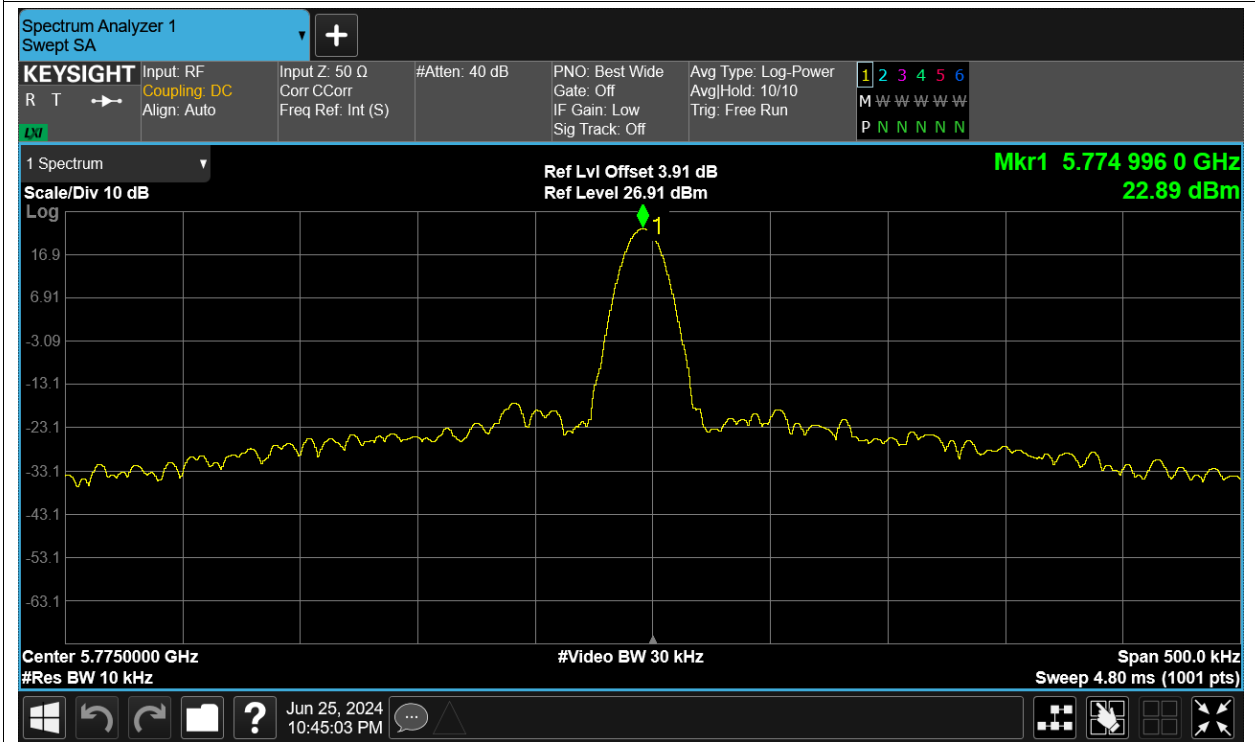
Freq. Stability NVHT ac80 5775MHz Ant2



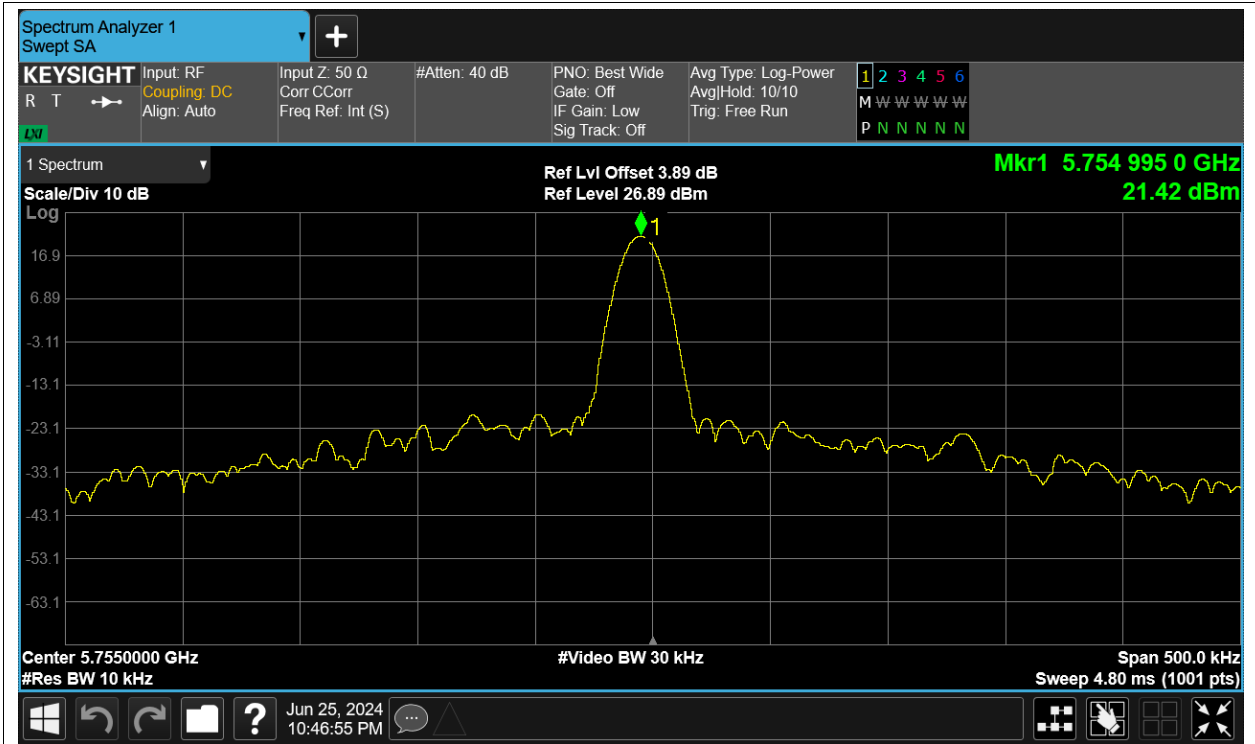
Freq. Stability NVLT ac80 5775MHz Ant2



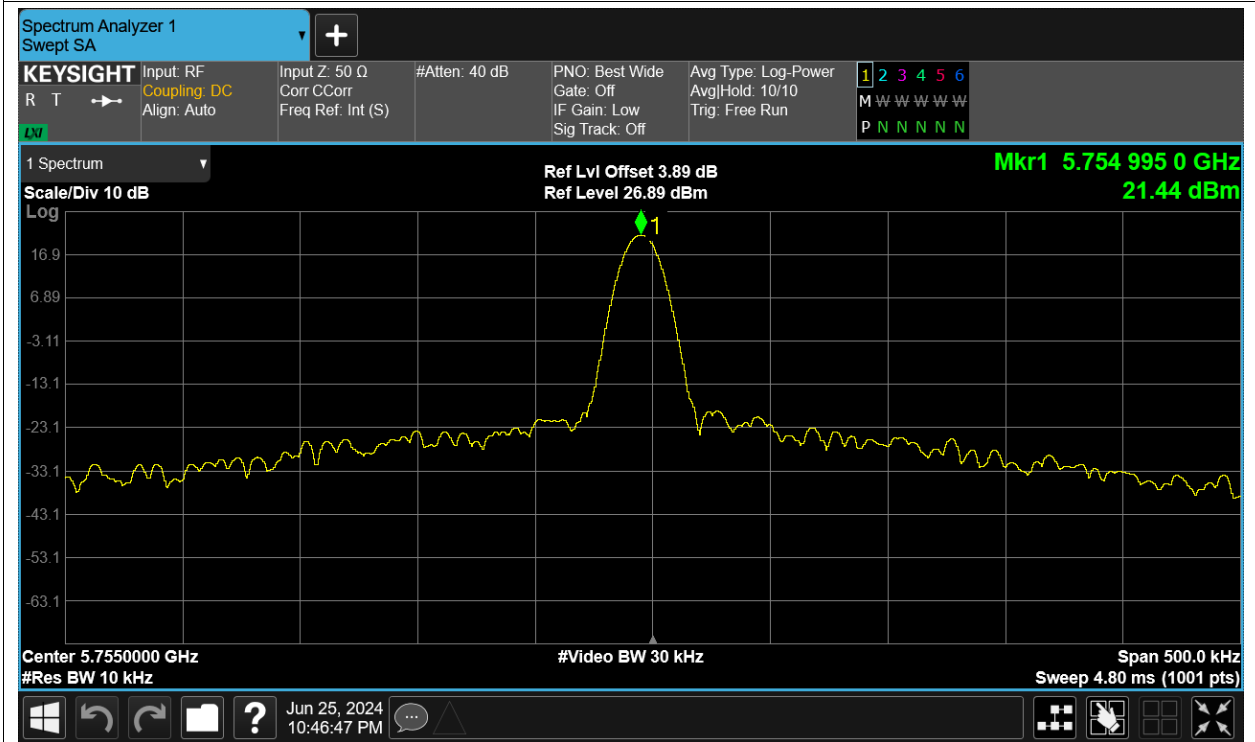
Freq. Stability NVNT ac80 5775MHz Ant2



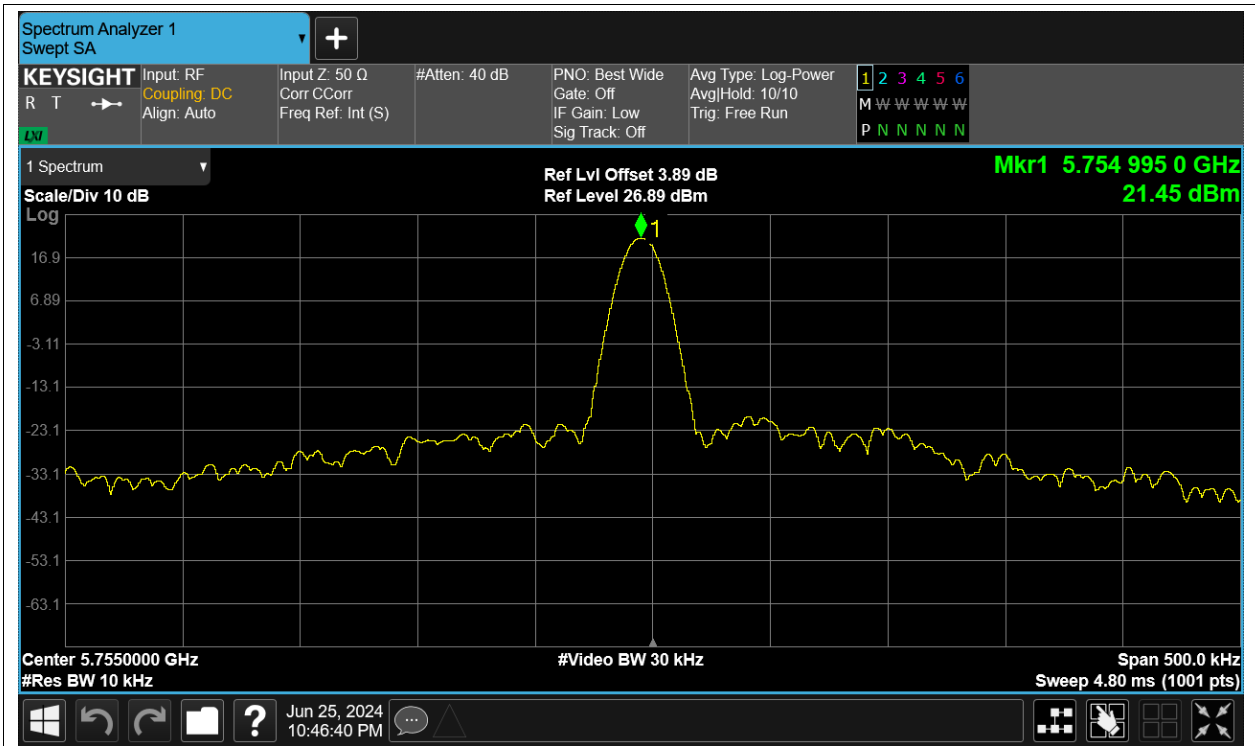
Freq. Stability HVNT n40 5755MHz Ant2



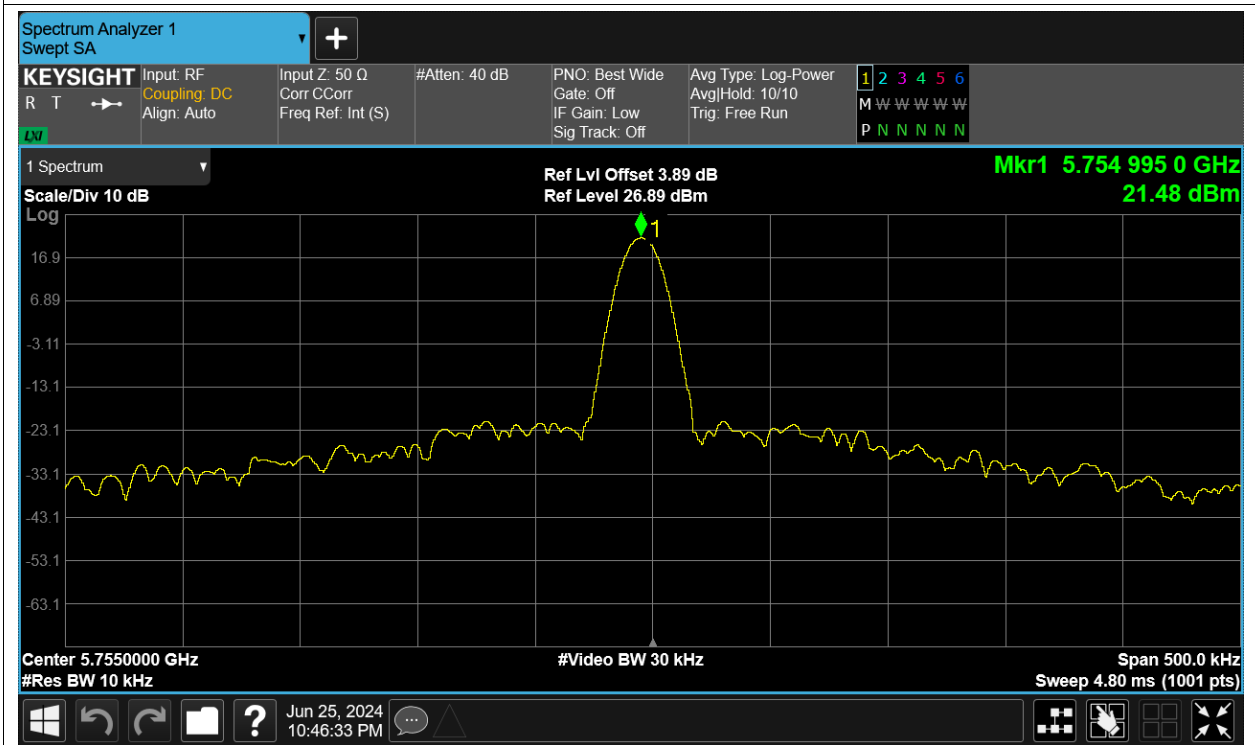
Freq. Stability LVNT n40 5755MHz Ant2



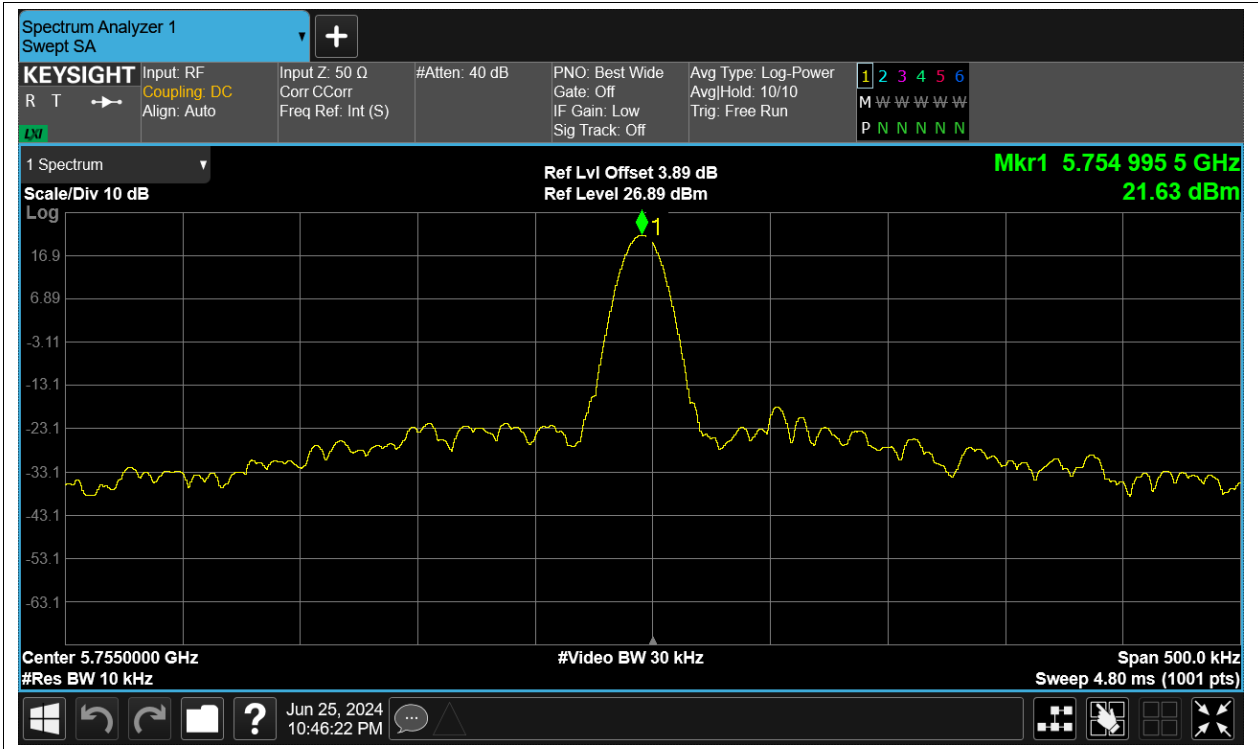
Freq. Stability NVHT n40 5755MHz Ant2



Freq. Stability NVLT n40 5755MHz Ant2



Freq. Stability NVNT n40 5755MHz Ant2

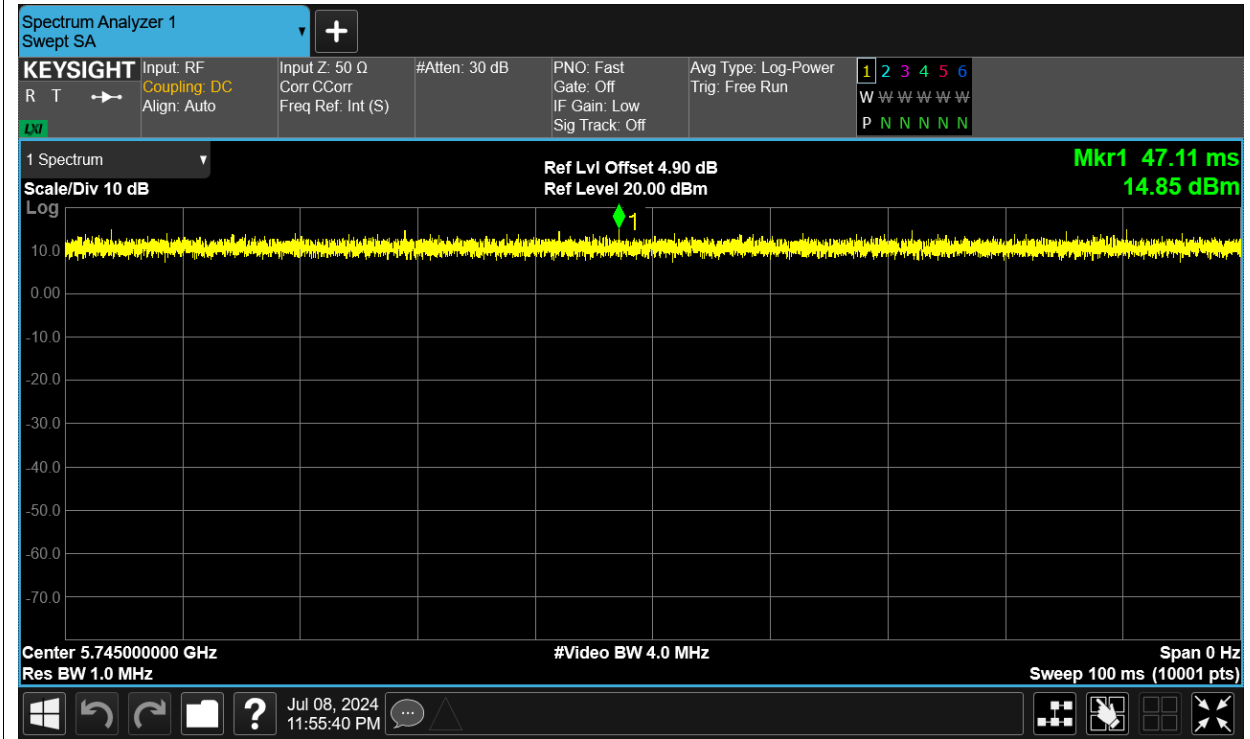


Duty Cycle

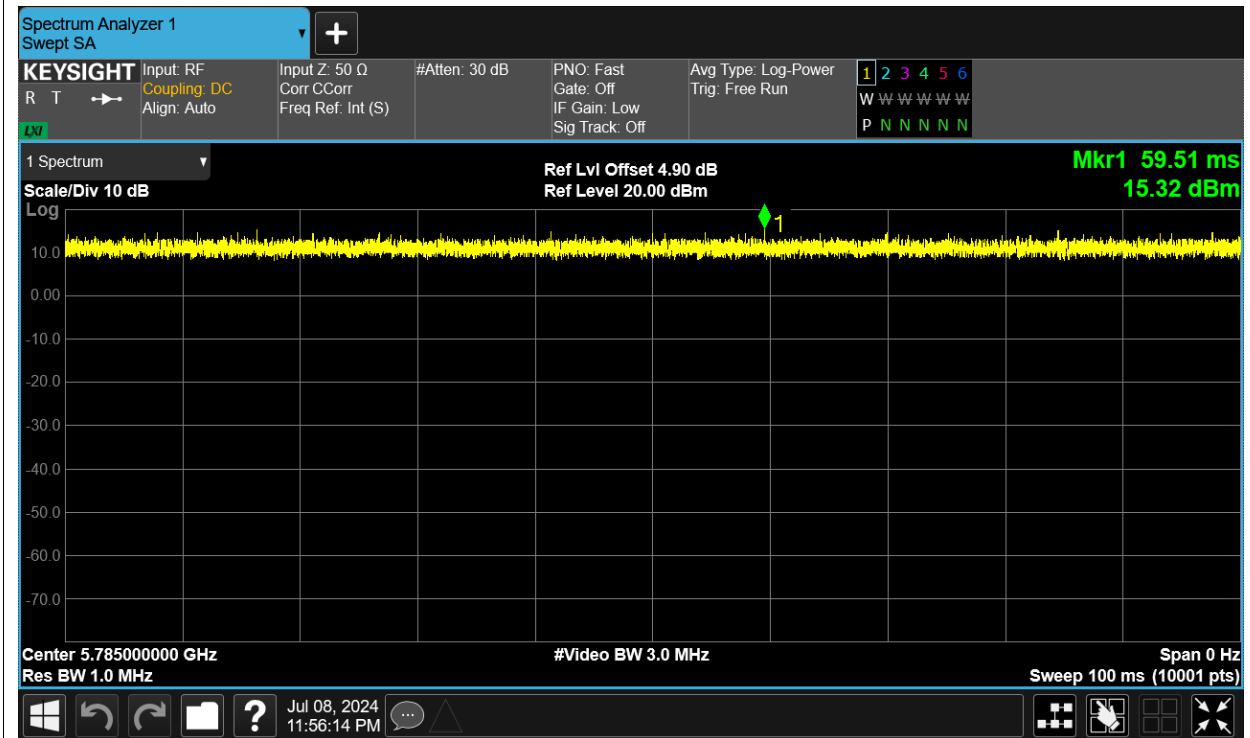
Condition	Mode	Frequency (MHz)	Antenna	Duty Cycle (%)	Correction Factor (dB)
NVNT	a	5745	Ant2	100	0
NVNT	a	5785	Ant2	100	0
NVNT	a	5825	Ant2	100	0
NVNT	ac20	5745	Ant2	100	0
NVNT	ac20	5785	Ant2	100	0
NVNT	ac20	5825	Ant2	100	0
NVNT	ac40	5755	Ant2	100	0
NVNT	ac40	5795	Ant2	100	0
NVNT	ac80	5775	Ant2	100	0
NVNT	n20	5745	Ant2	100	0
NVNT	n20	5785	Ant2	100	0
NVNT	n20	5825	Ant2	100	0
NVNT	n40	5755	Ant2	100	0
NVNT	n40	5795	Ant2	100	0

Test Graphs

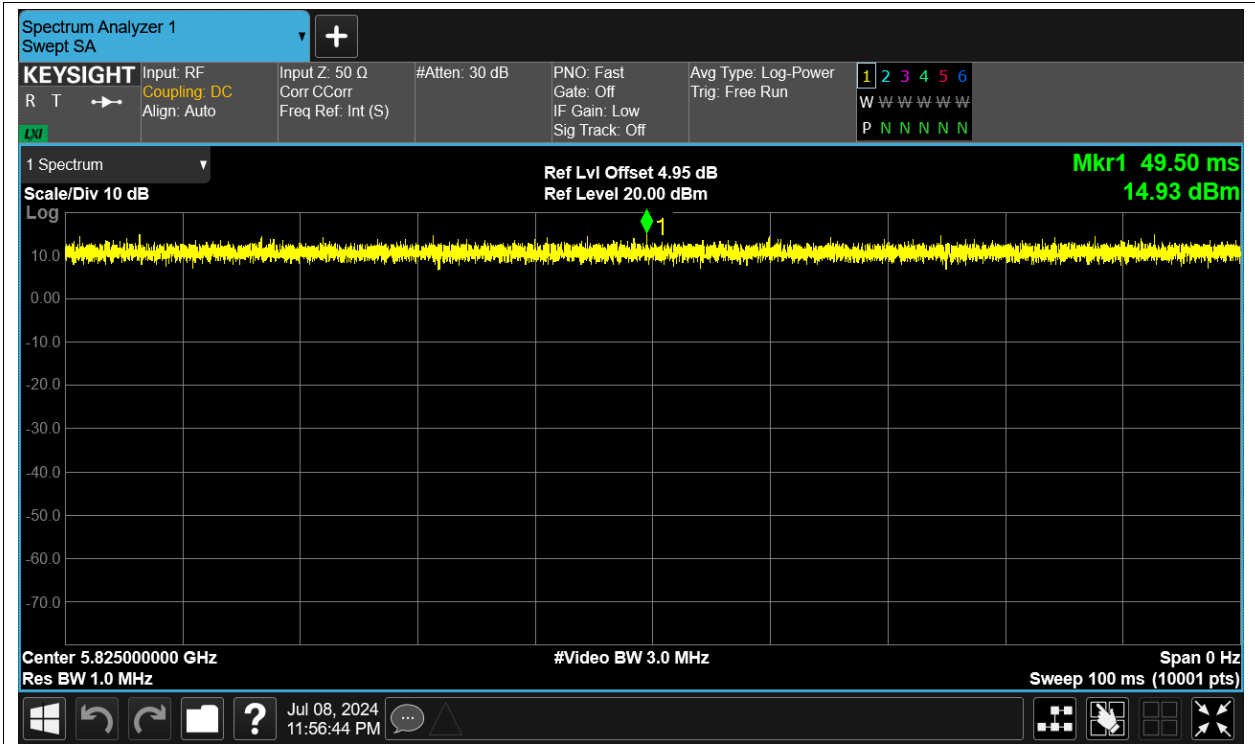
Duty Cycle NVNT a 5745MHz Ant2



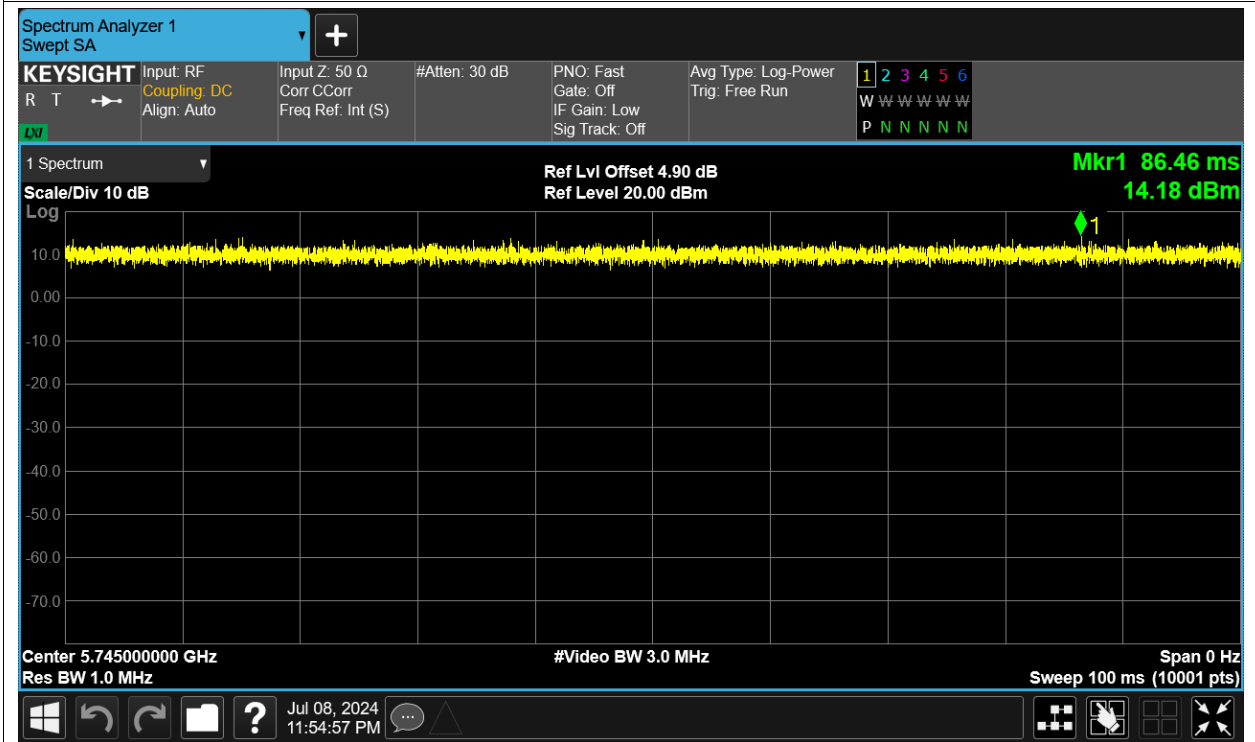
Duty Cycle NVNT a 5785MHz Ant2



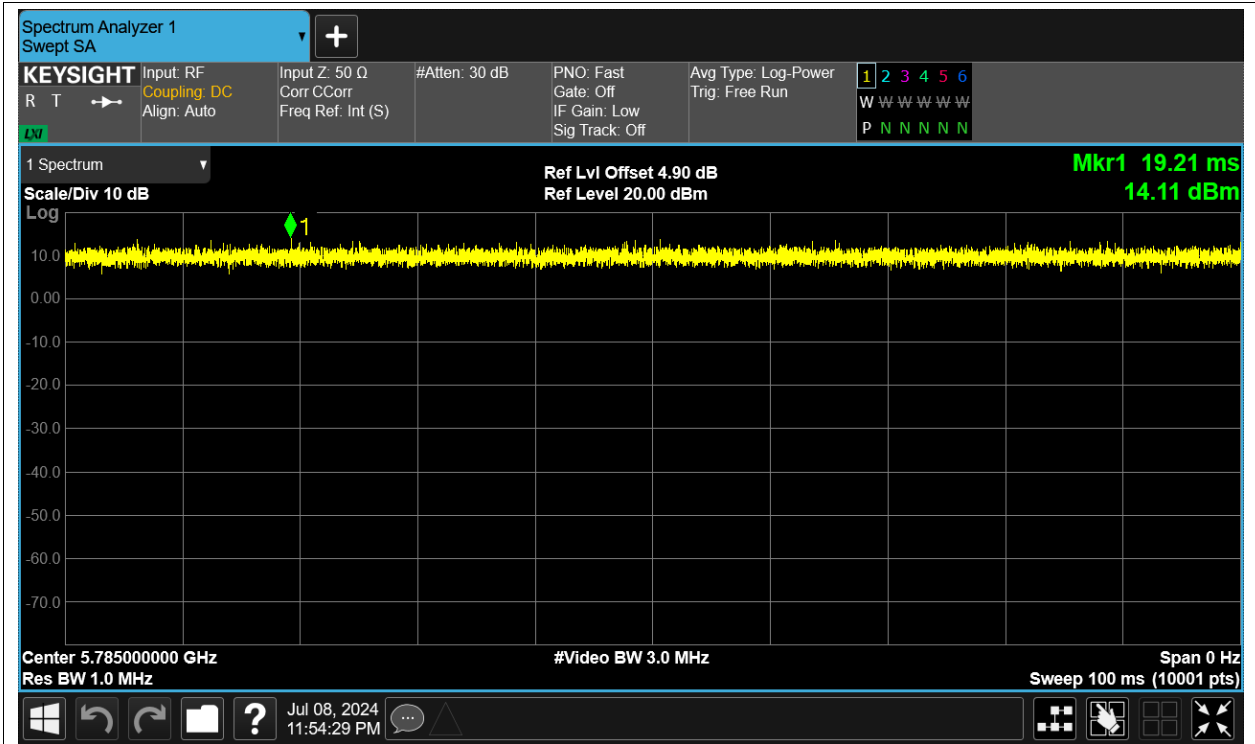
Duty Cycle NVNT a 5825MHz Ant2



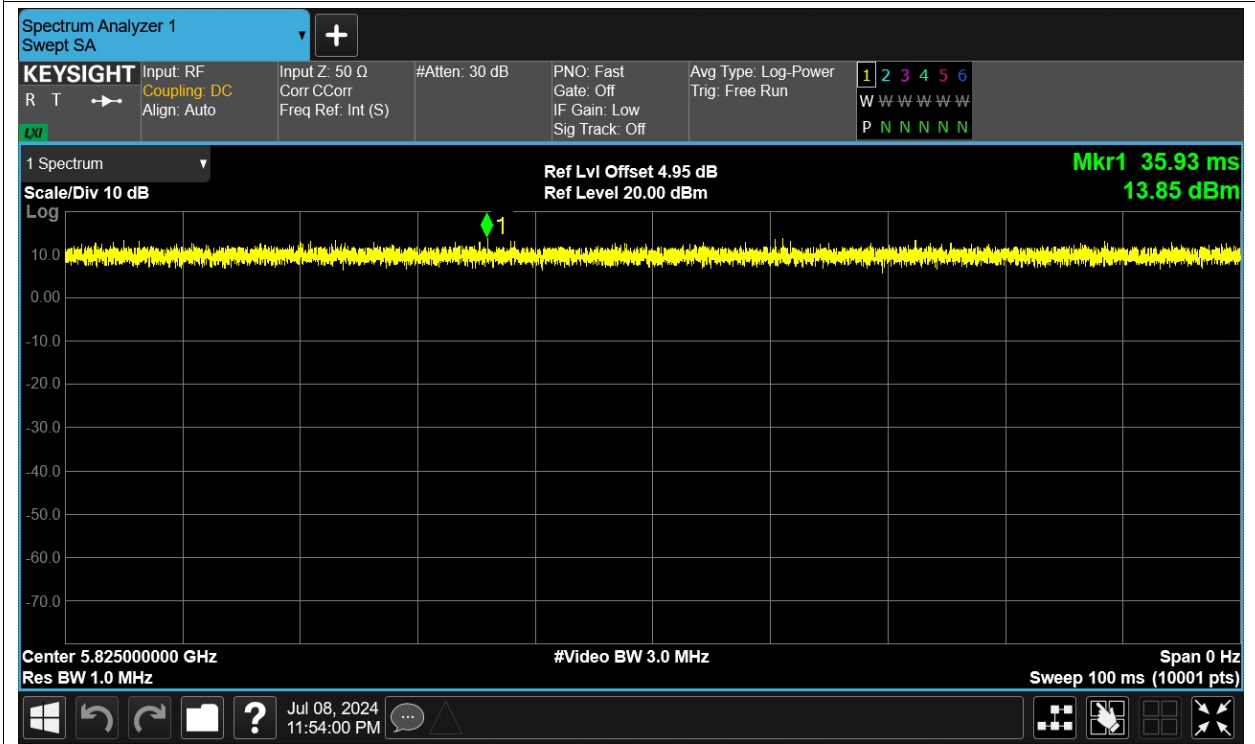
Duty Cycle NVNT ac20 5745MHz Ant2



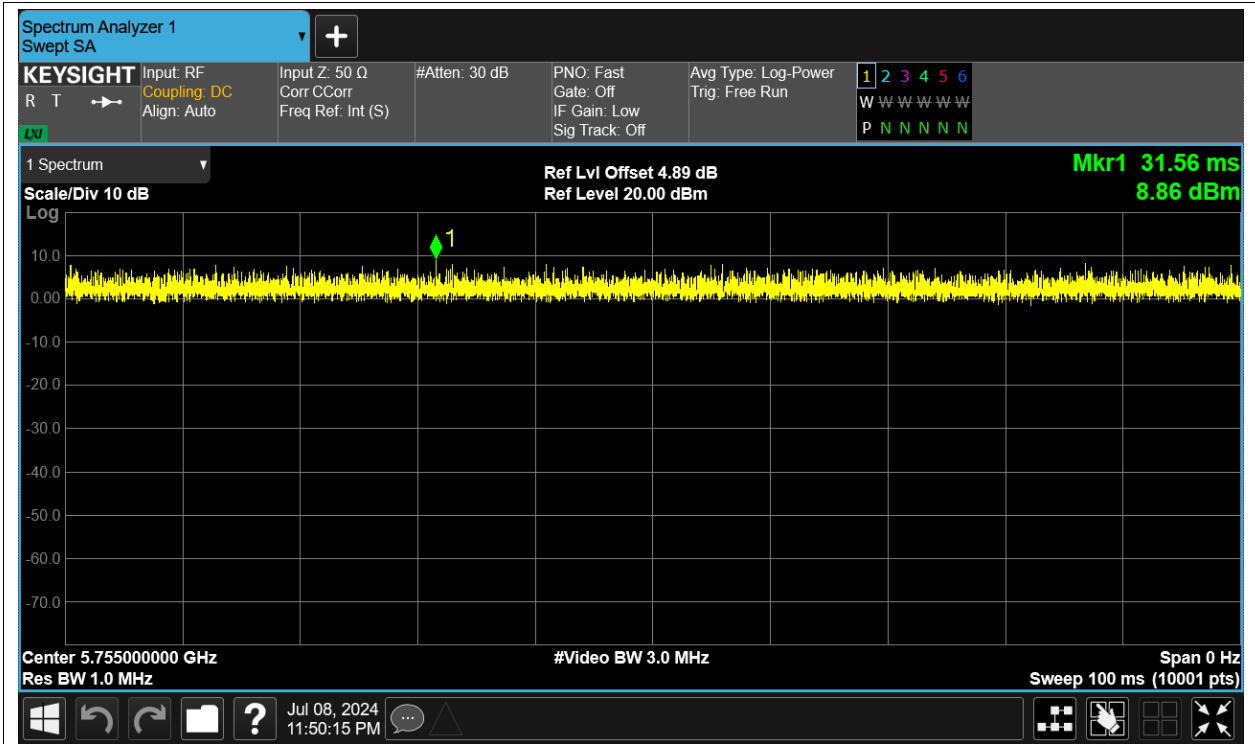
Duty Cycle NVNT ac20 5785MHz Ant2



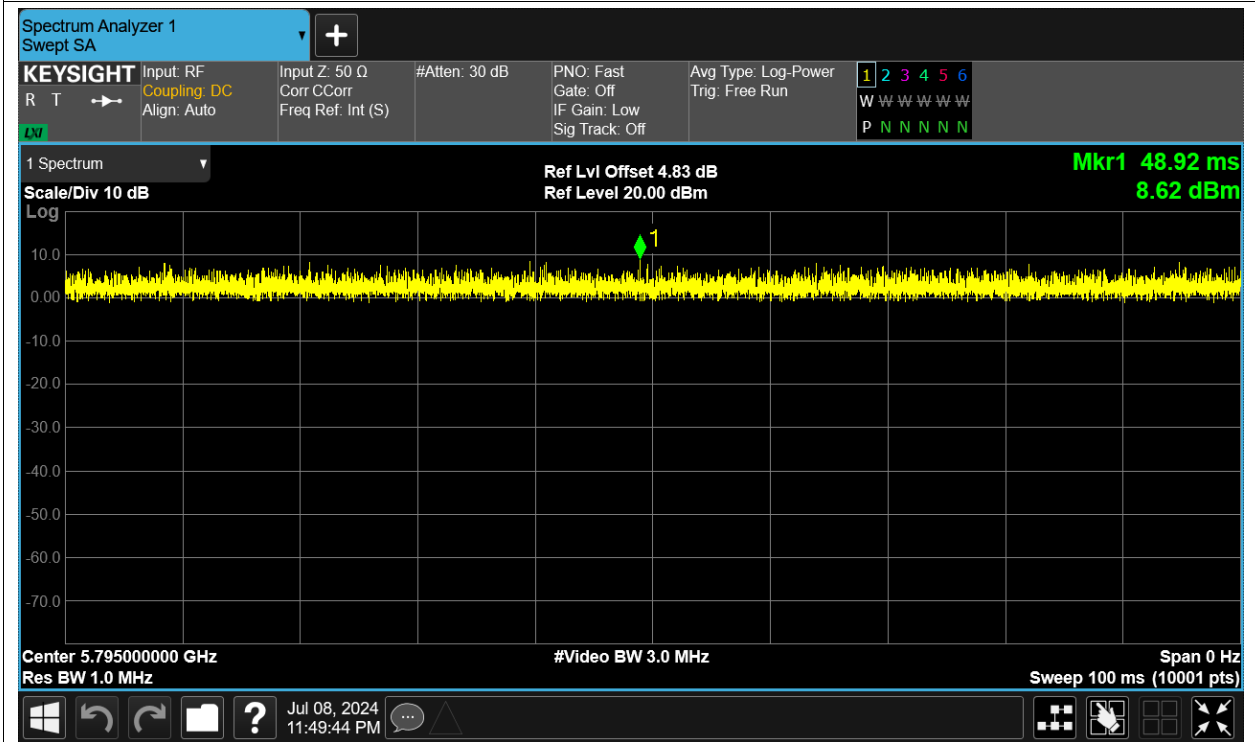
Duty Cycle NVNT ac20 5825MHz Ant2



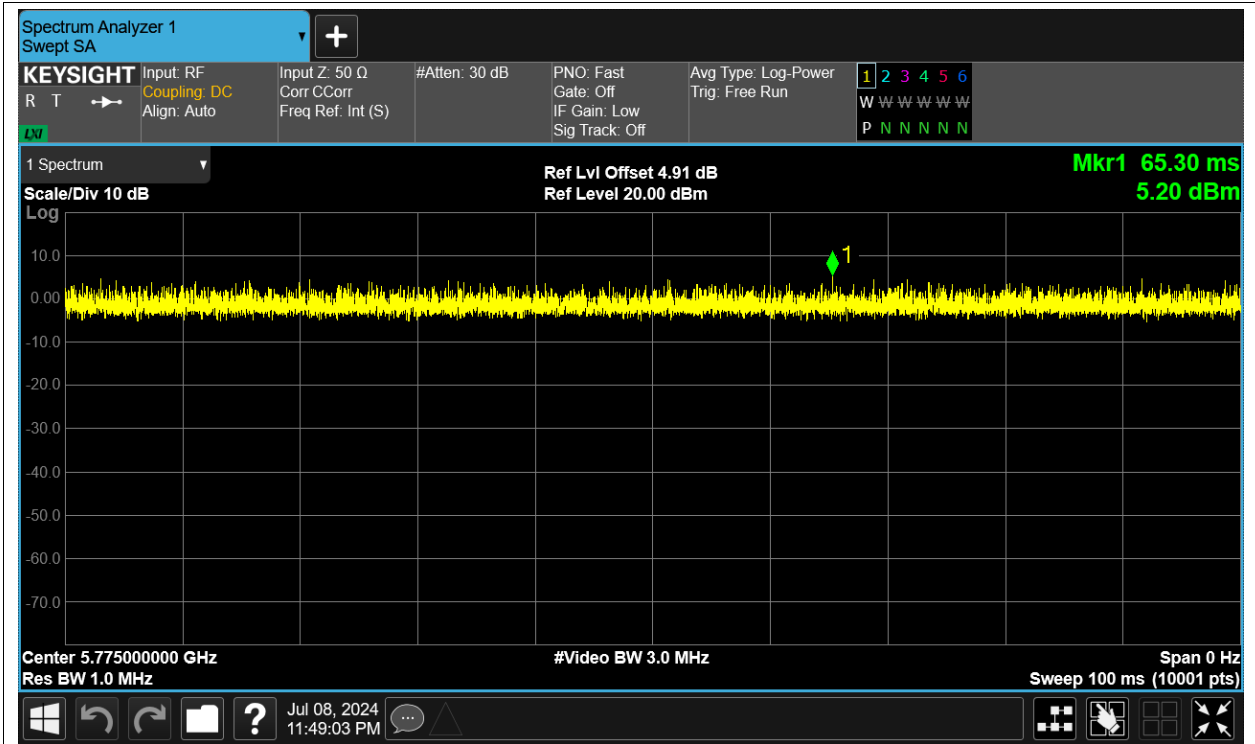
Duty Cycle NVNT ac40 5755MHz Ant2



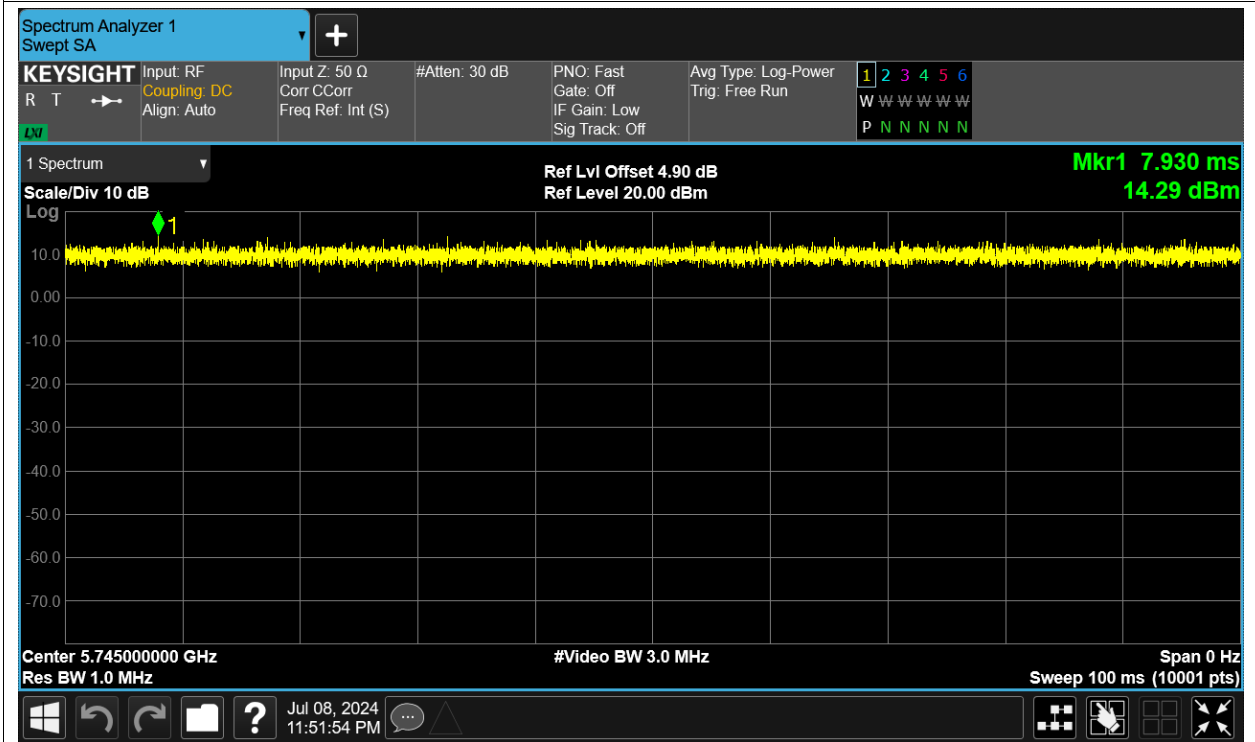
Duty Cycle NVNT ac40 5795MHz Ant2



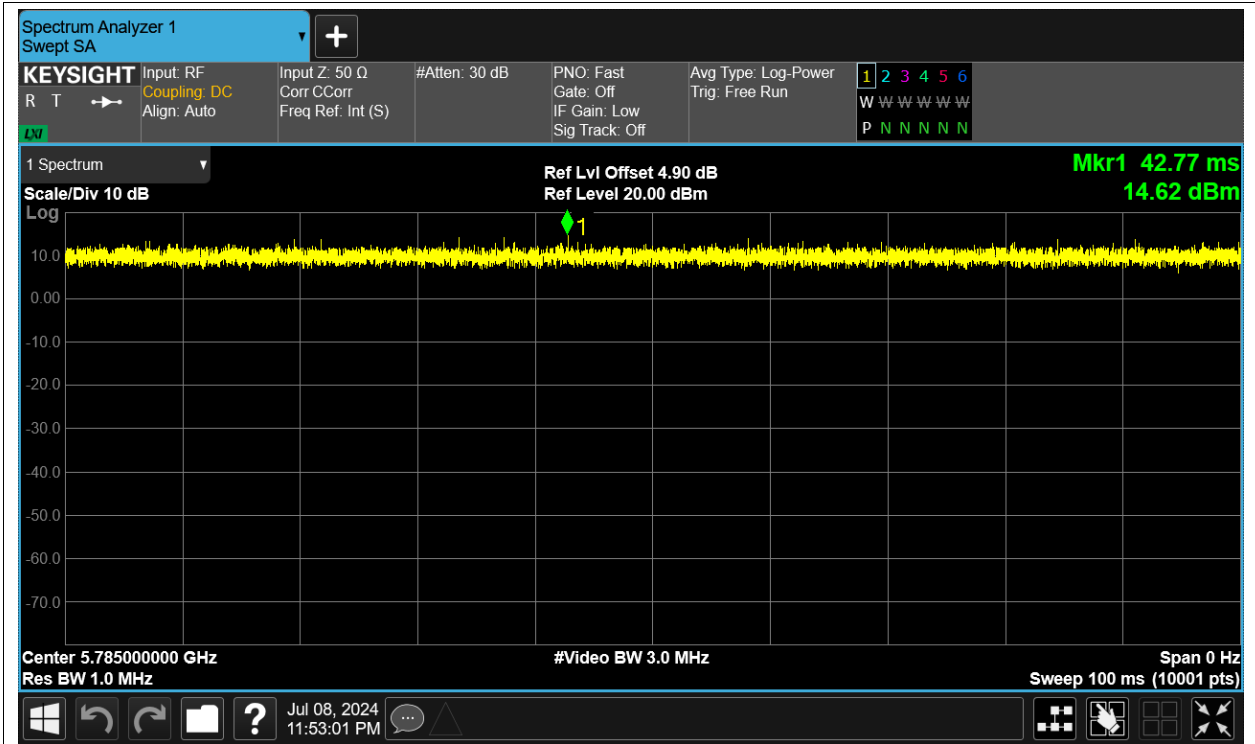
Duty Cycle NVNT ac80 5775MHz Ant2



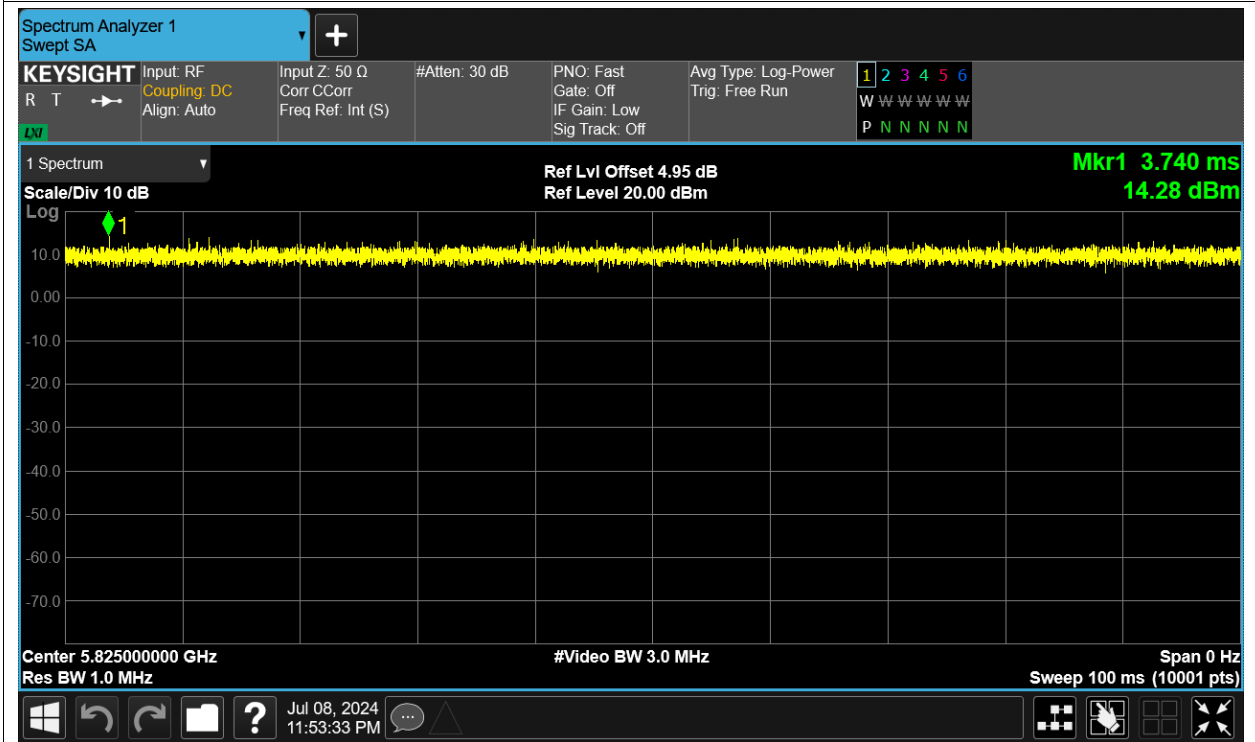
Duty Cycle NVNT n20 5745MHz Ant2



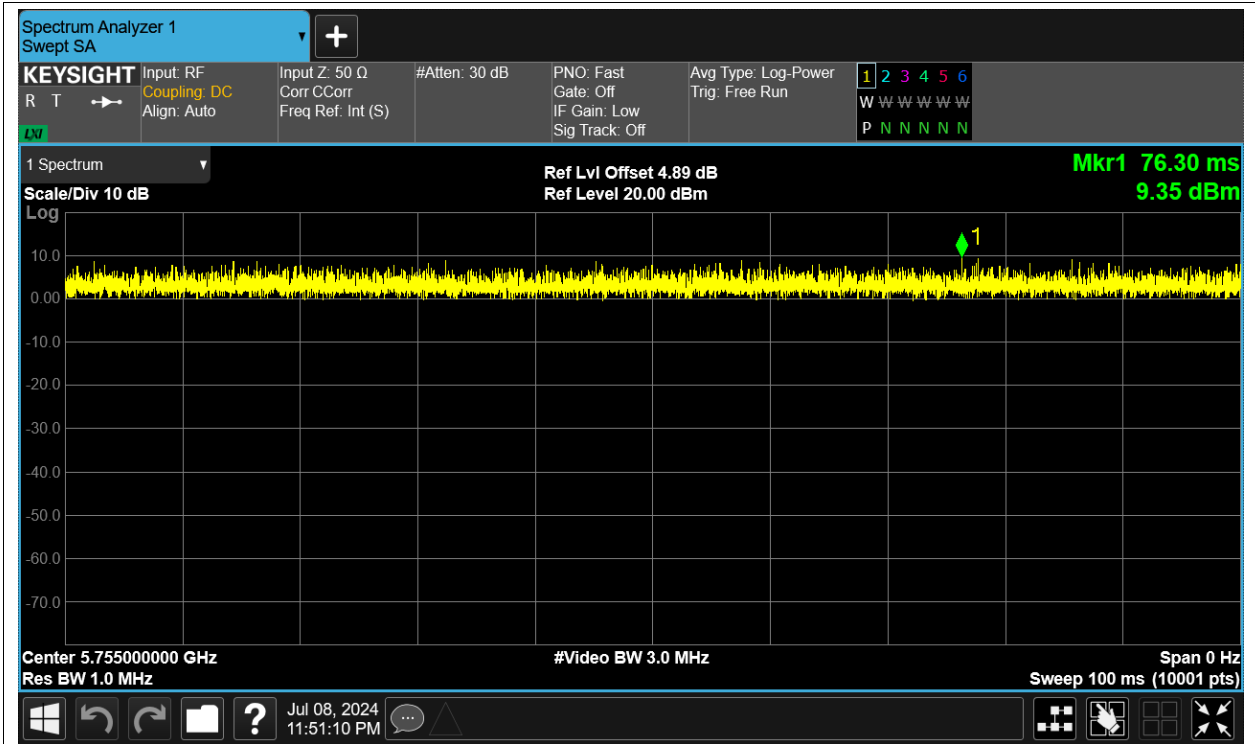
Duty Cycle NVNT n20 5785MHz Ant2



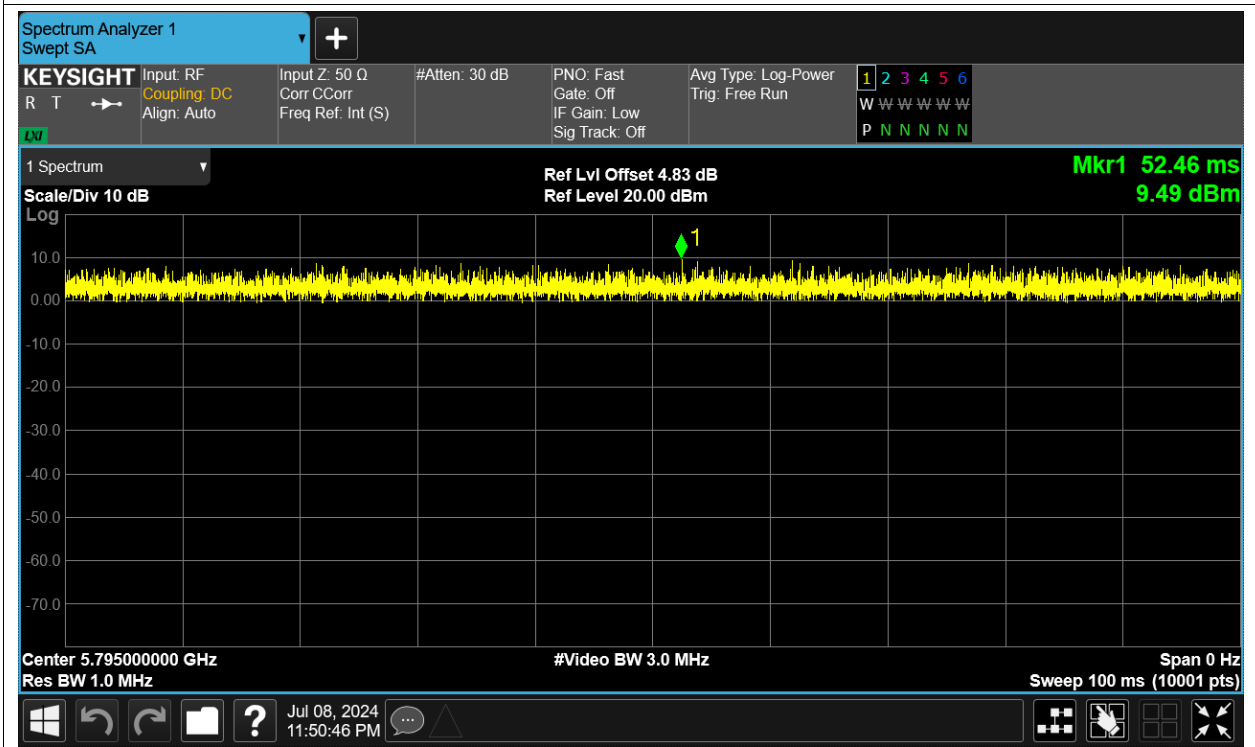
Duty Cycle NVNT n20 5825MHz Ant2



Duty Cycle NVNT n40 5755MHz Ant2



Duty Cycle NVNT n40 5795MHz Ant2



Maximum Conducted Output Power

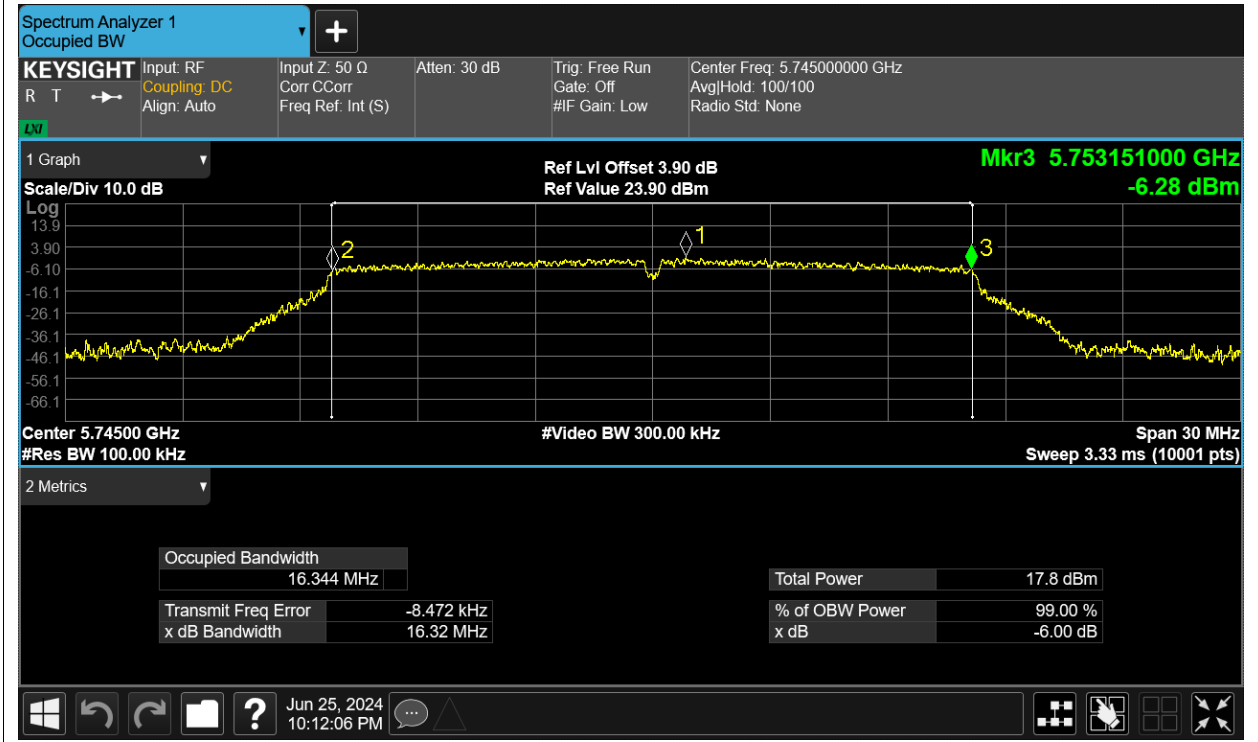
Condition	Mode	Frequency (MHz)	Antenna	Conducted Power (dBm)	Duty Factor (dB)	Total Power (dBm)	Limit (dBm)	Verdict
NVNT	a	5745	Ant2	17.09	0	17.09	30	Pass
NVNT	a	5785	Ant2	17.77	0	17.77	30	Pass
NVNT	a	5825	Ant2	17.8	0	17.8	30	Pass
NVNT	ac20	5745	Ant2	16.43	0	16.43	30	Pass
NVNT	ac20	5785	Ant2	16.65	0	16.65	30	Pass
NVNT	ac20	5825	Ant2	16.77	0	16.77	30	Pass
NVNT	ac40	5755	Ant2	15.41	0	15.41	30	Pass
NVNT	ac40	5795	Ant2	15.71	0	15.71	30	Pass
NVNT	ac80	5775	Ant2	15.17	0	15.17	30	Pass
NVNT	n20	5745	Ant2	16.26	0	16.26	30	Pass
NVNT	n20	5785	Ant2	16.64	0	16.64	30	Pass
NVNT	n20	5825	Ant2	16.81	0	16.81	30	Pass
NVNT	n40	5755	Ant2	16.2	0	16.2	30	Pass
NVNT	n40	5795	Ant2	16.34	0	16.34	30	Pass

-6dB Bandwidth

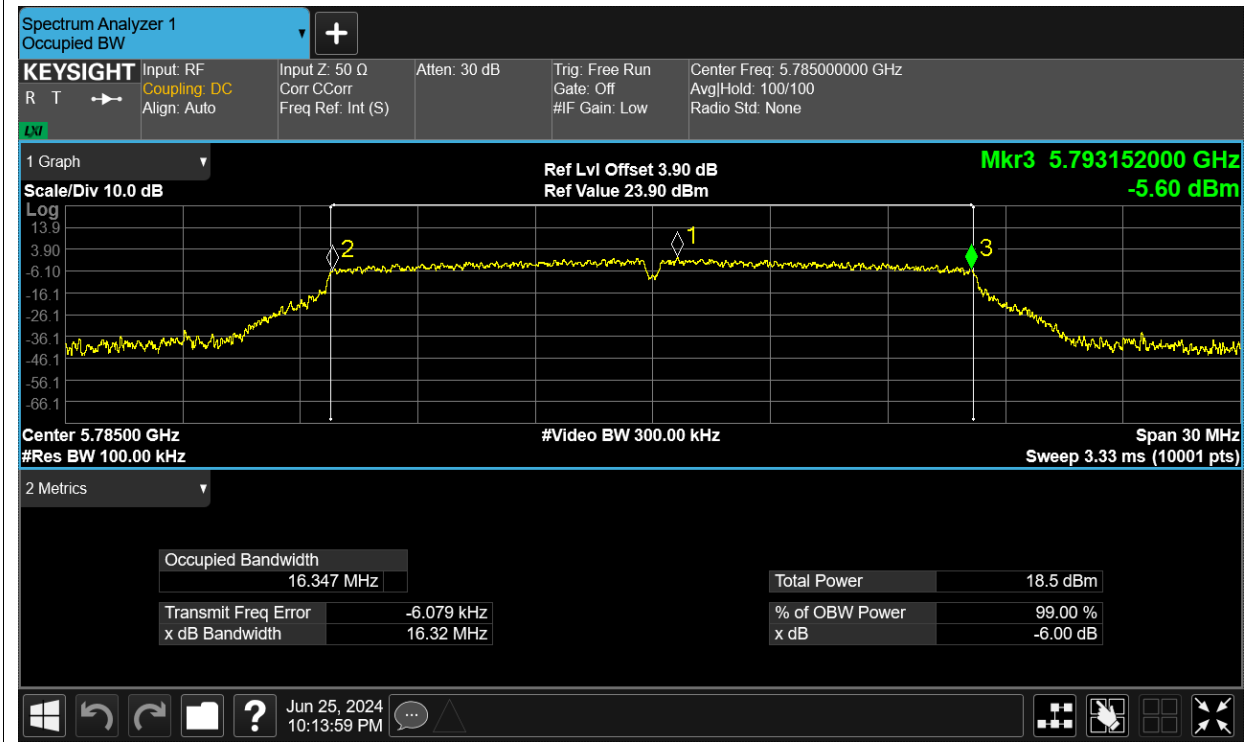
Condition	Mode	Frequency (MHz)	Antenna	-6 dB Bandwidth (MHz)	limit	Verdic
NVNT	a	5745	Ant2	16.32	0.5	Pass
NVNT	a	5785	Ant2	16.316	0.5	Pass
NVNT	a	5825	Ant2	16.348	0.5	Pass
NVNT	ac20	5745	Ant2	17.577	0.5	Pass
NVNT	ac20	5785	Ant2	17.548	0.5	Pass
NVNT	ac20	5825	Ant2	17.552	0.5	Pass
NVNT	ac40	5755	Ant2	36.085	0.5	Pass
NVNT	ac40	5795	Ant2	36.29	0.5	Pass
NVNT	ac80	5775	Ant2	76.307	0.5	Pass
NVNT	n20	5745	Ant2	17.584	0.5	Pass
NVNT	n20	5785	Ant2	17.574	0.5	Pass
NVNT	n20	5825	Ant2	17.575	0.5	Pass
NVNT	n40	5755	Ant2	35.906	0.5	Pass
NVNT	n40	5795	Ant2	36.298	0.5	Pass

Test Graphs

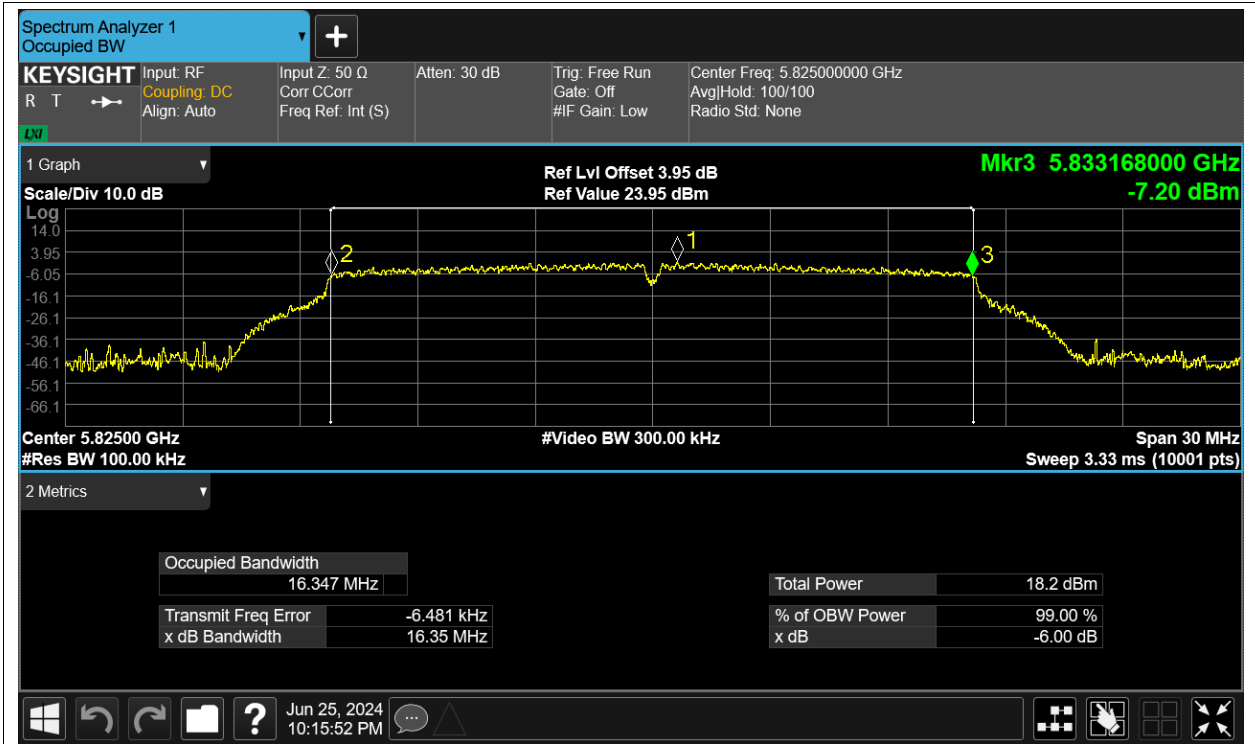
-6dB Bandwidth NVNT a 5745MHz Ant2



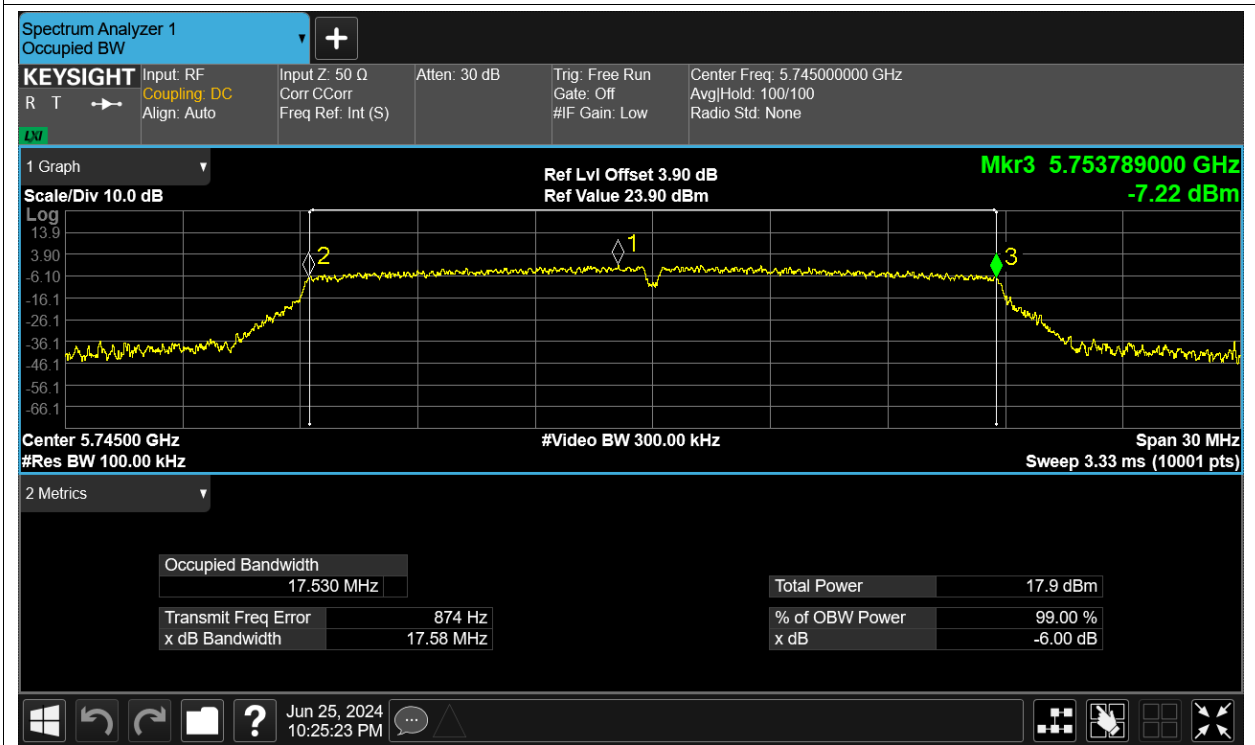
-6dB Bandwidth NVNT a 5785MHz Ant2



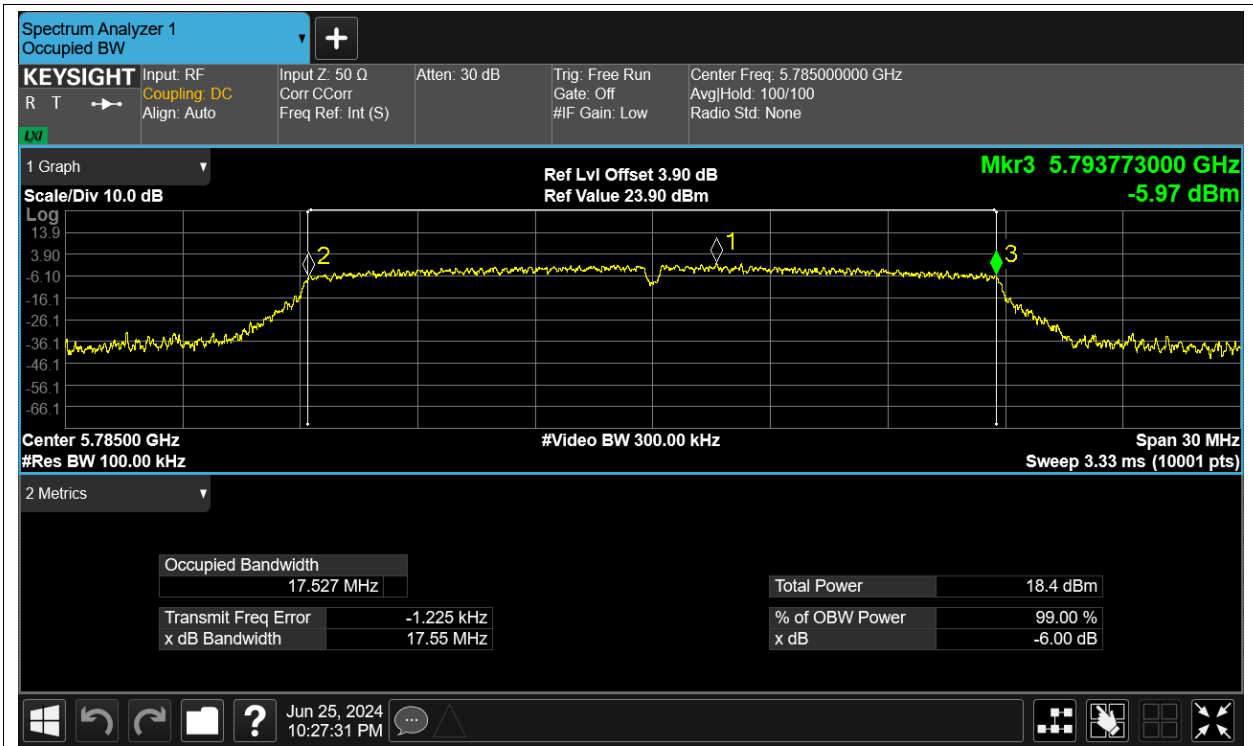
-6dB Bandwidth NVNT a 5825MHz Ant2



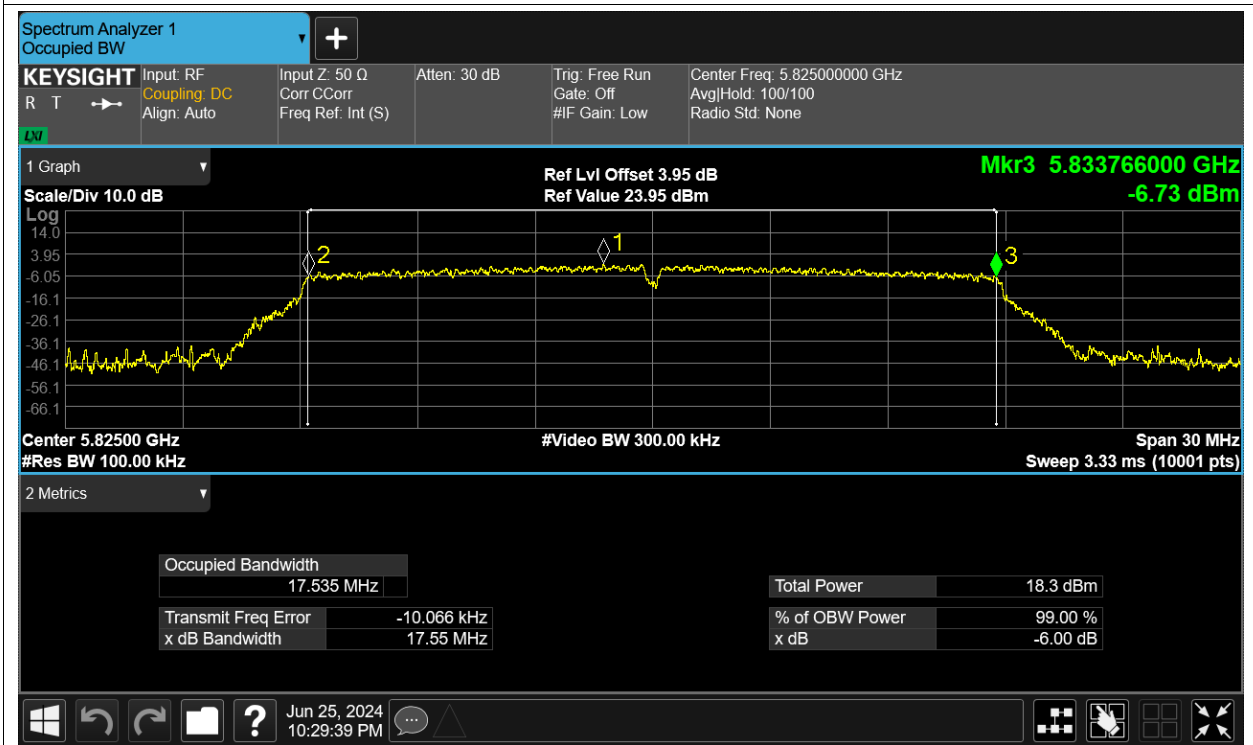
-6dB Bandwidth NVNT ac20 5745MHz Ant2



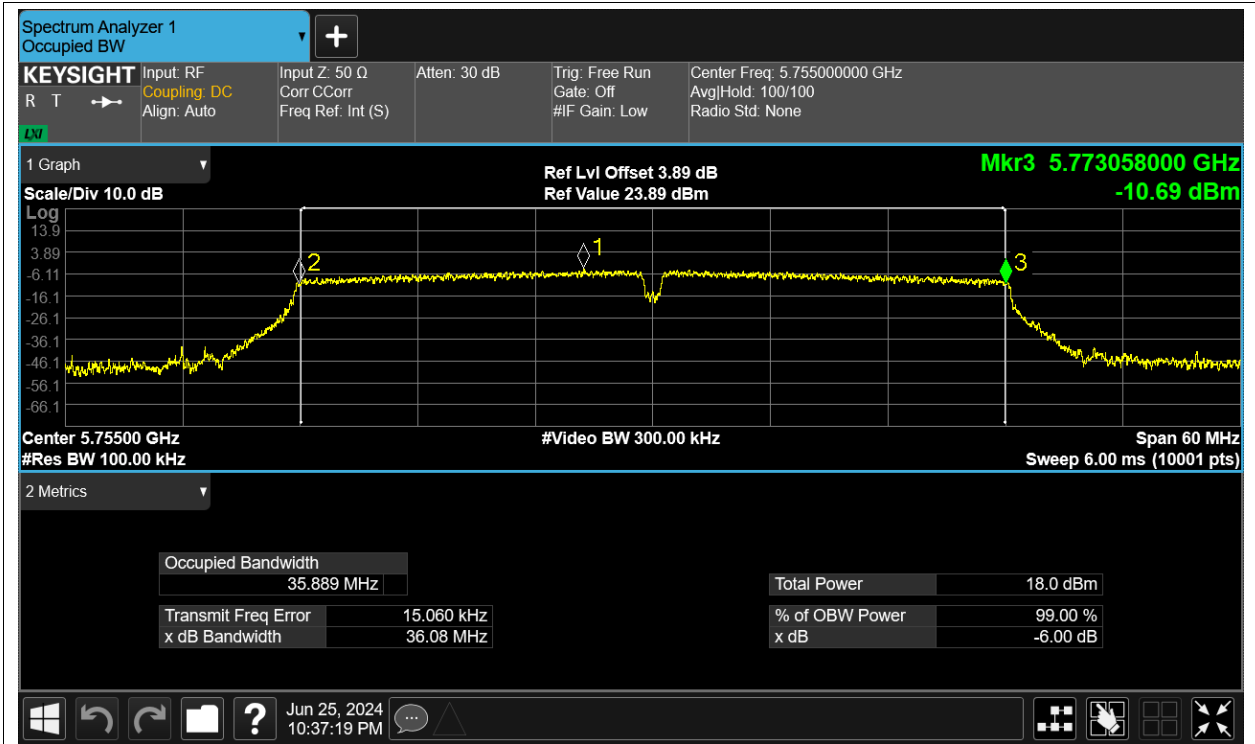
-6dB Bandwidth NVNT ac20 5785MHz Ant2



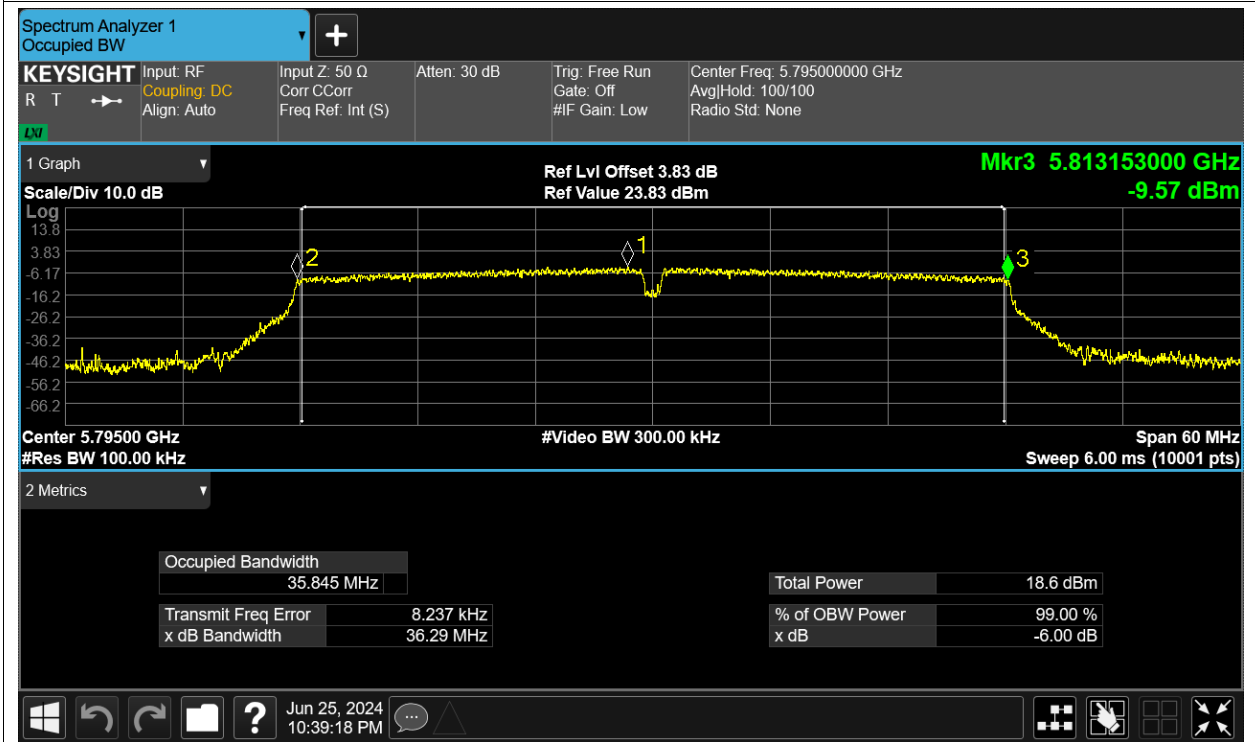
-6dB Bandwidth NVNT ac20 5825MHz Ant2



-6dB Bandwidth NVNT ac40 5755MHz Ant2



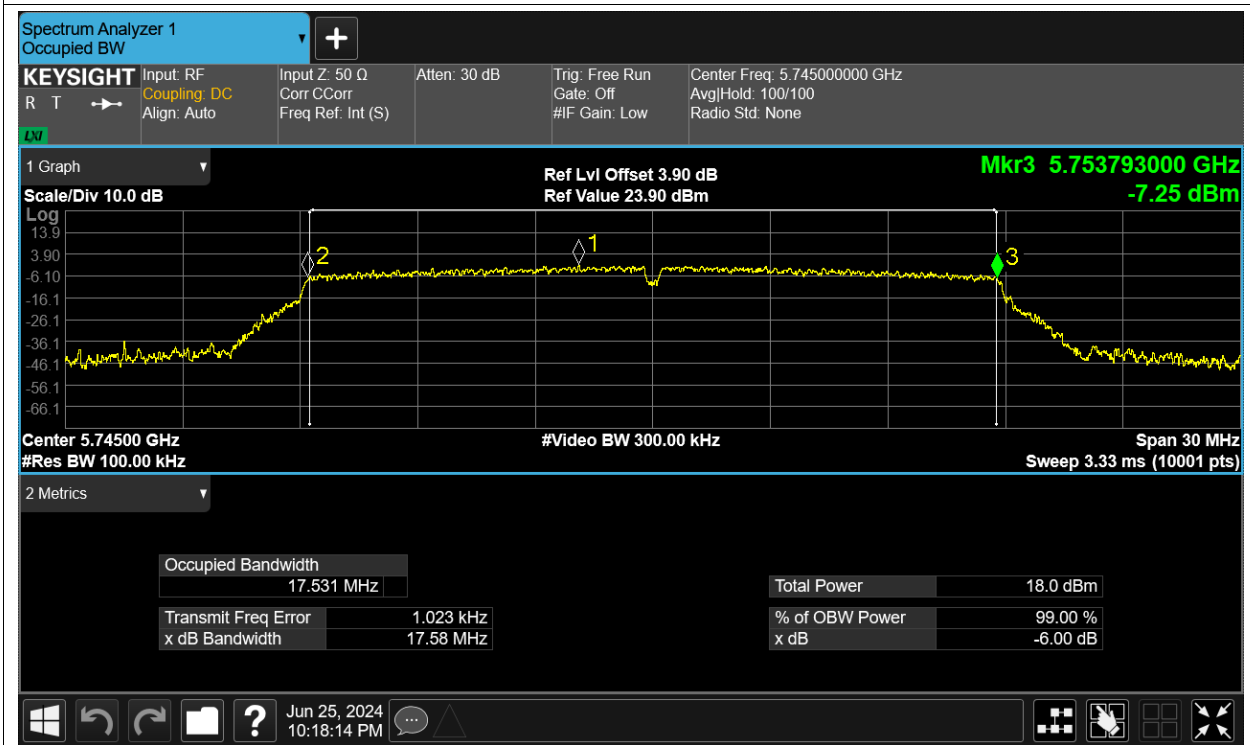
-6dB Bandwidth NVNT ac40 5795MHz Ant2



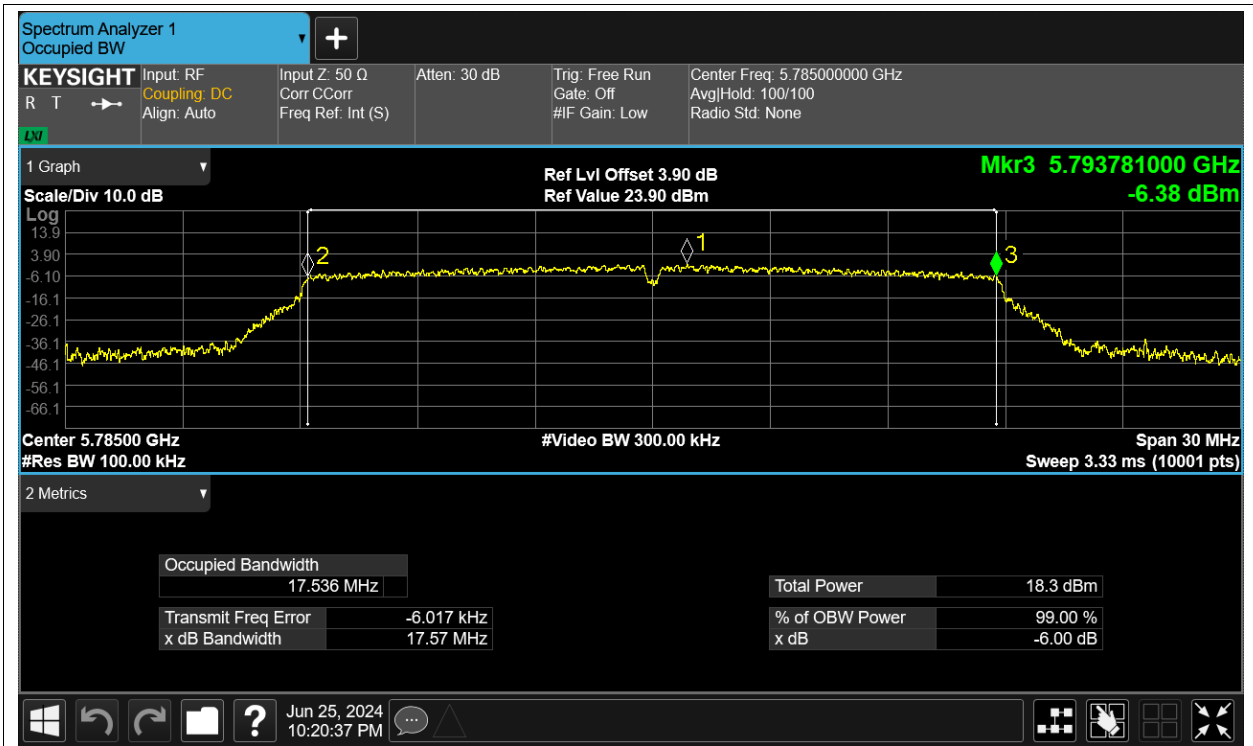
-6dB Bandwidth NVNT ac80 5775MHz Ant2



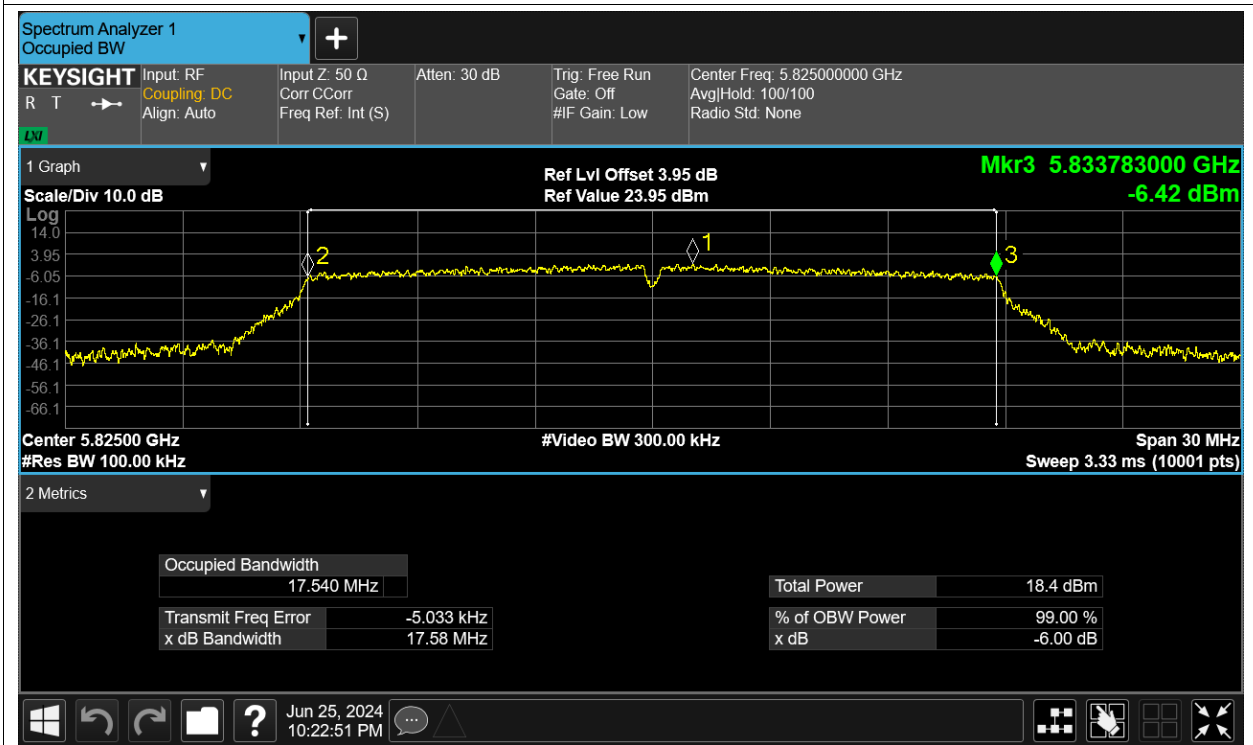
-6dB Bandwidth NVNT n20 5745MHz Ant2



-6dB Bandwidth NVNT n20 5785MHz Ant2



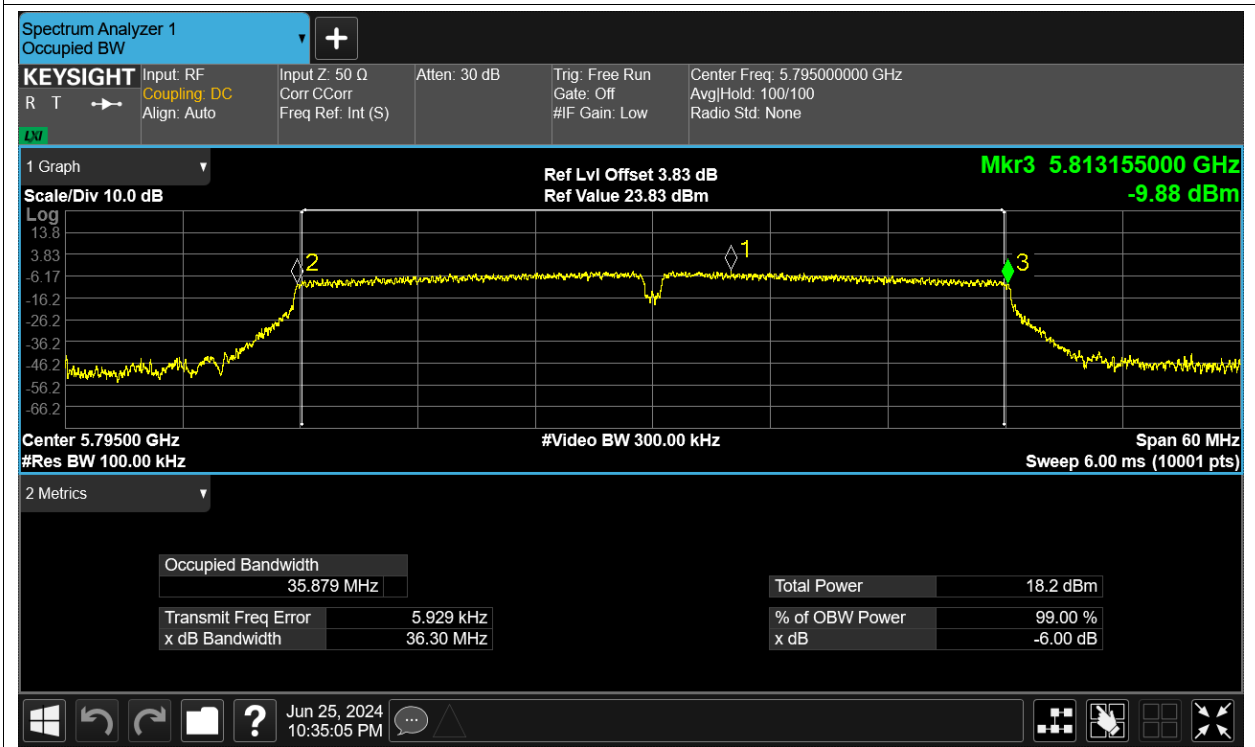
-6dB Bandwidth NVNT n20 5825MHz Ant2



-6dB Bandwidth NVNT n40 5755MHz Ant2



-6dB Bandwidth NVNT n40 5795MHz Ant2

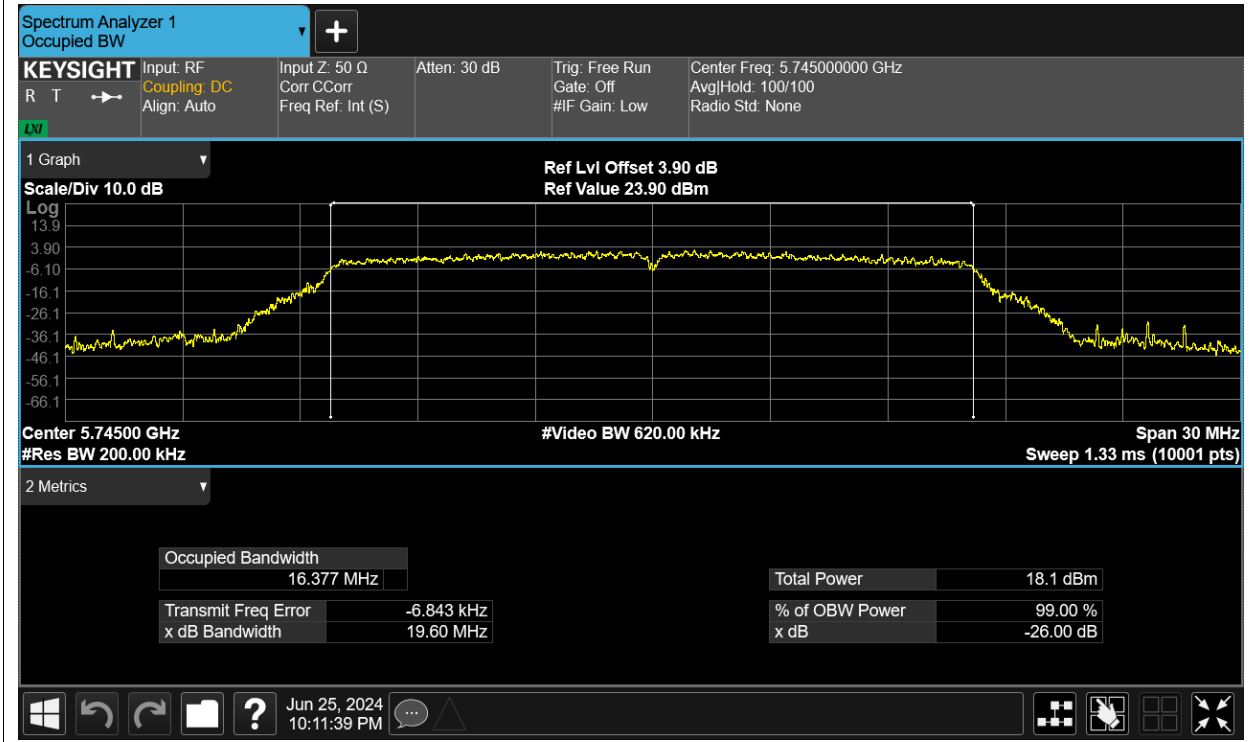


Occupied Channel Bandwidth

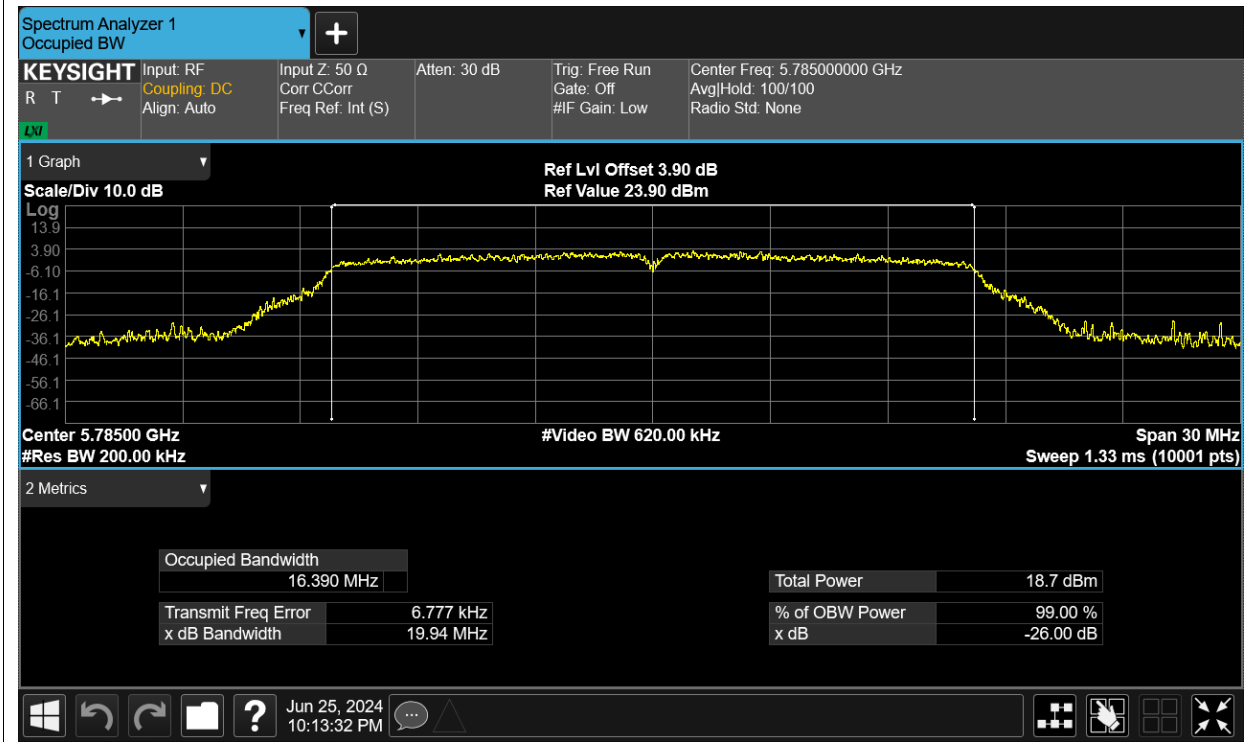
Condition	Mode	Frequency (MHz)	Antenna	99% OBW (MHz)
NVNT	a	5745	Ant2	16.377
NVNT	a	5785	Ant2	16.39
NVNT	a	5825	Ant2	16.389
NVNT	ac20	5745	Ant2	17.574
NVNT	ac20	5785	Ant2	17.543
NVNT	ac20	5825	Ant2	17.57
NVNT	ac40	5755	Ant2	35.967
NVNT	ac40	5795	Ant2	35.932
NVNT	ac80	5775	Ant2	75.225
NVNT	n20	5745	Ant2	17.528
NVNT	n20	5785	Ant2	17.541
NVNT	n20	5825	Ant2	17.569
NVNT	n40	5755	Ant2	35.984
NVNT	n40	5795	Ant2	35.949

Test Graphs

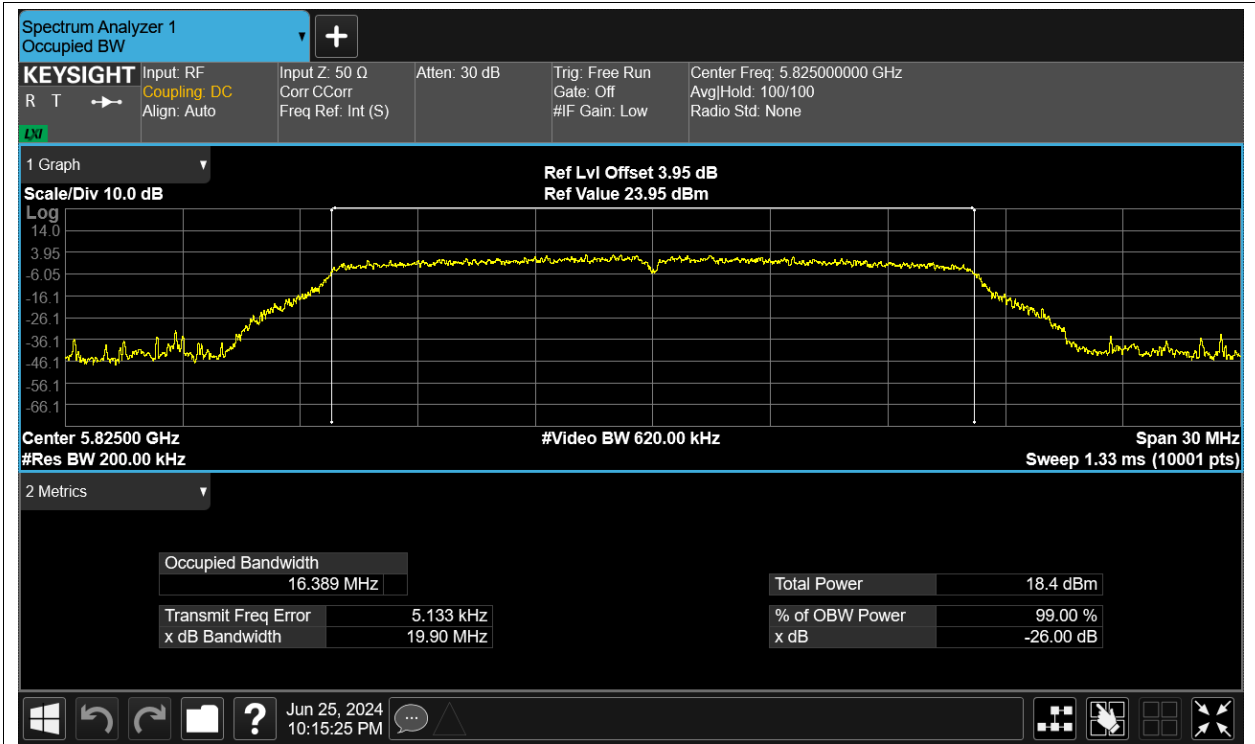
OBW NVNT a 5745MHz Ant2



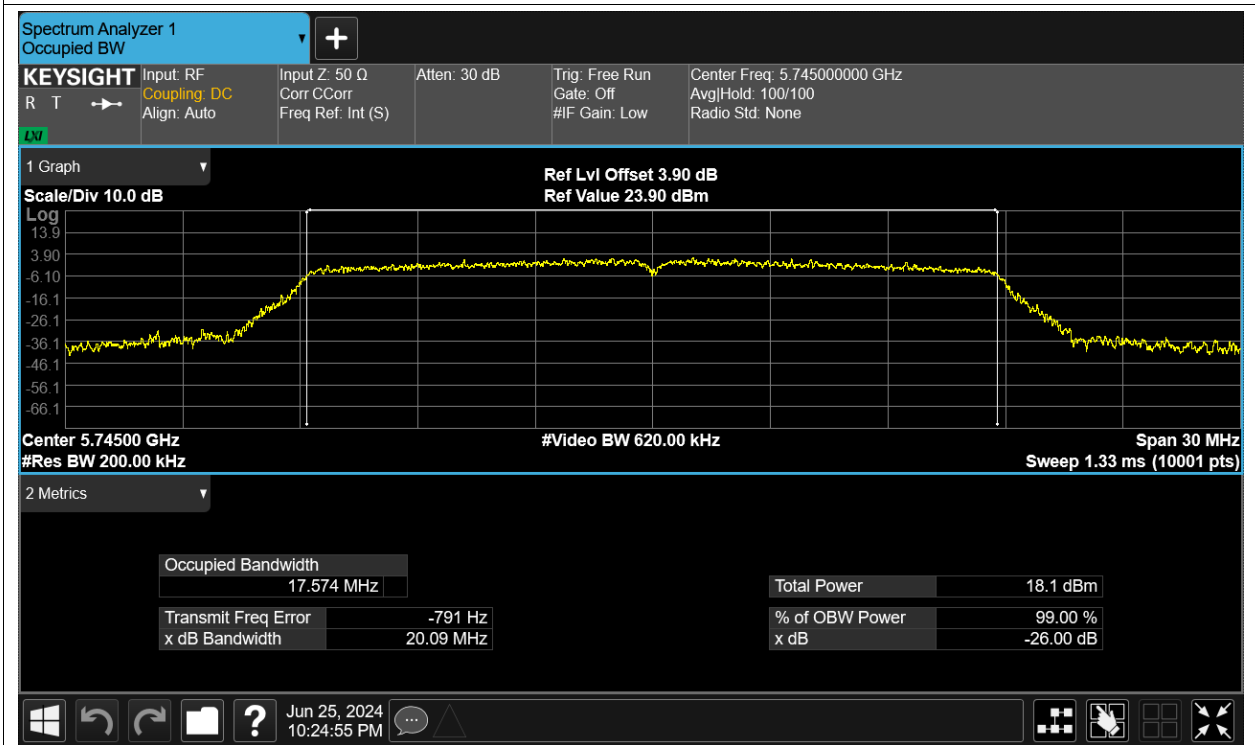
OBW NVNT a 5785MHz Ant2



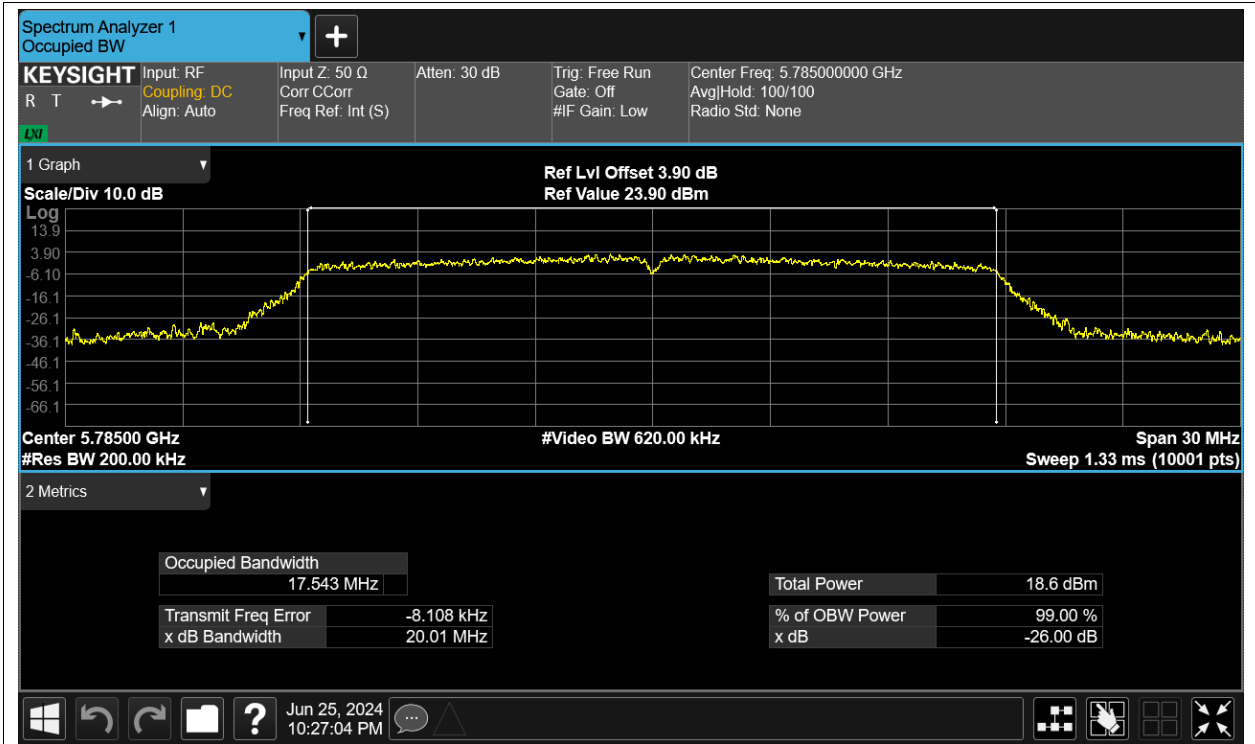
OBW NVNT a 5825MHz Ant2



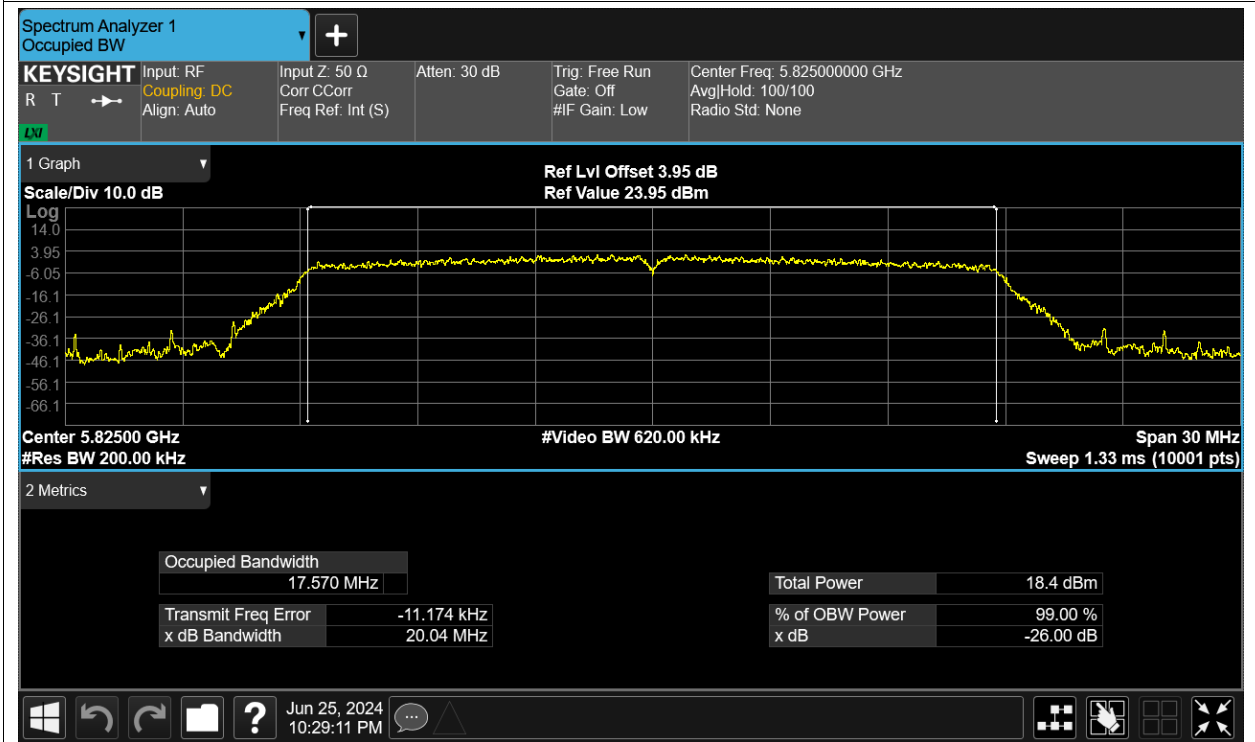
OBW NVNT ac20 5745MHz Ant2



OBW NVNT ac20 5785MHz Ant2



OBW NVNT ac20 5825MHz Ant2



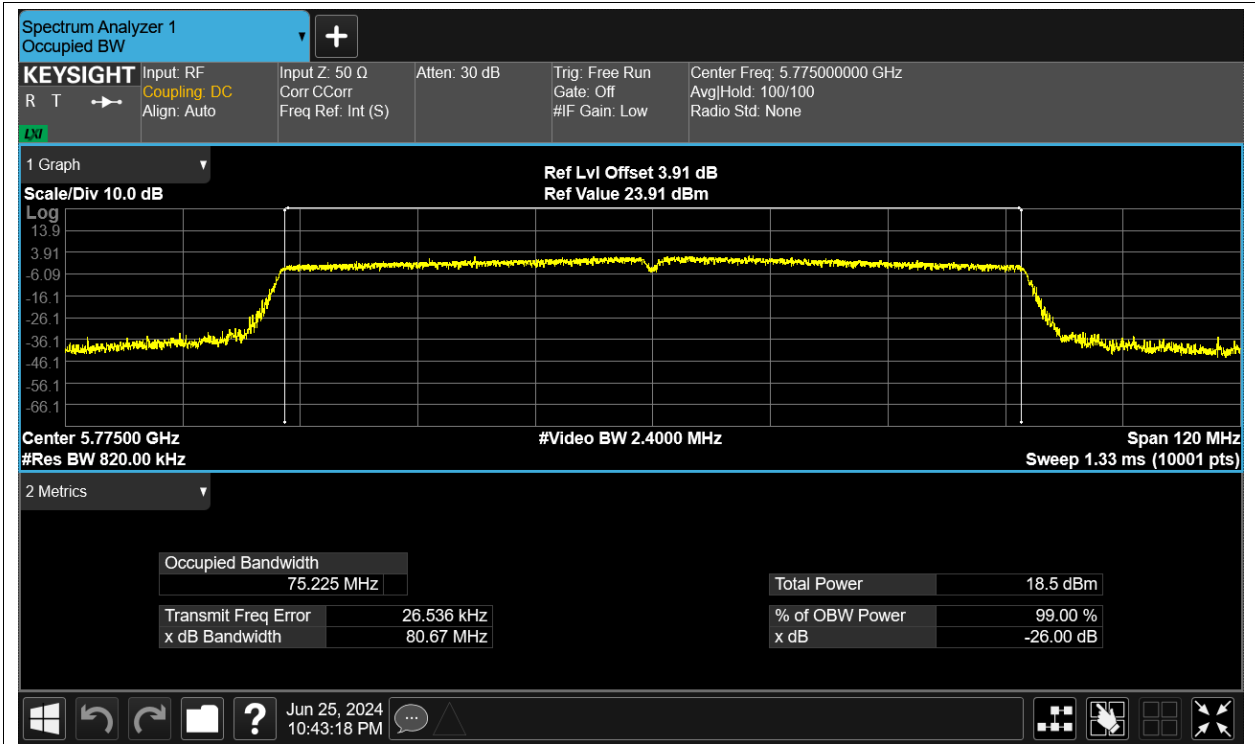
OBW NVNT ac40 5755MHz Ant2



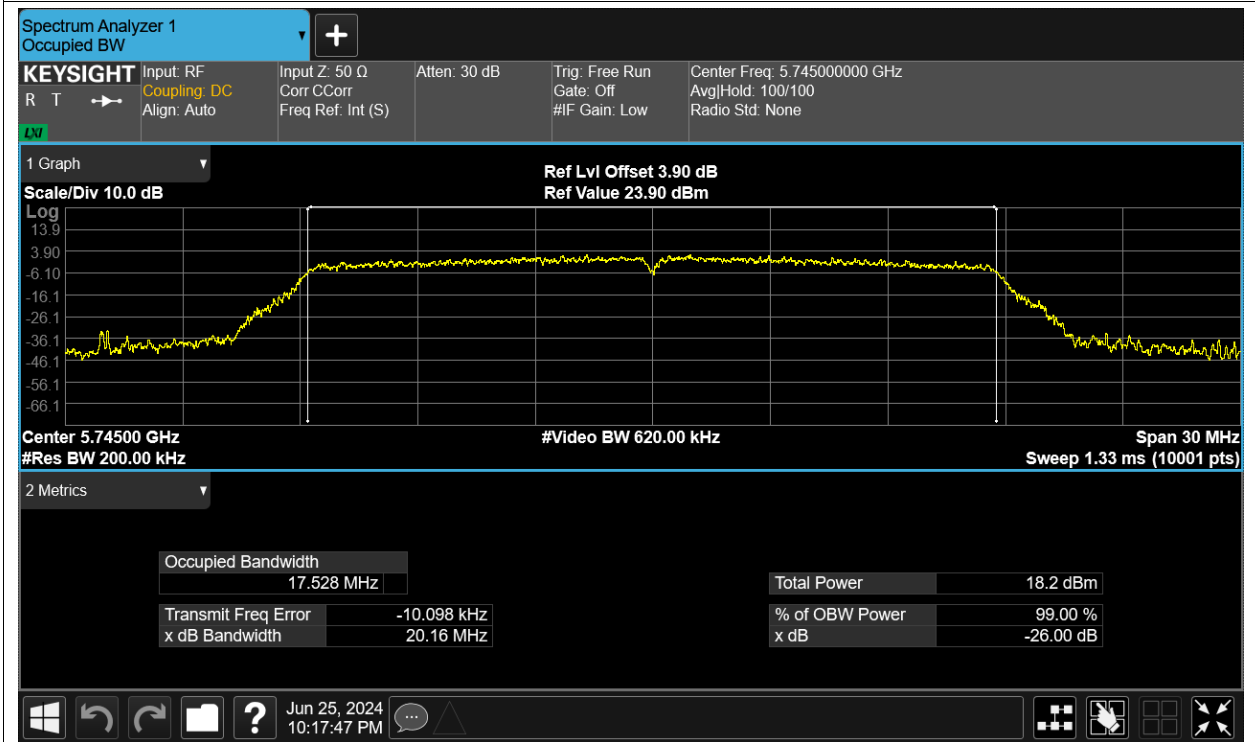
OBW NVNT ac40 5795MHz Ant2



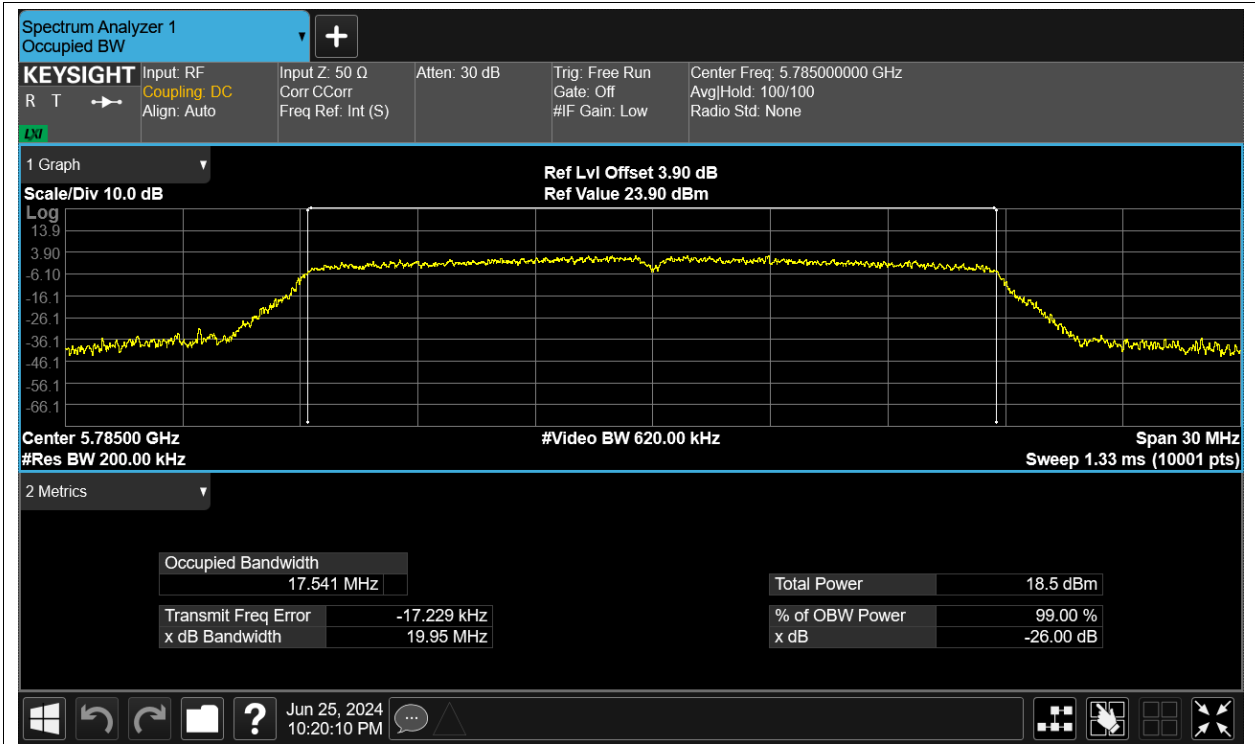
OBW NVNT ac80 5775MHz Ant2



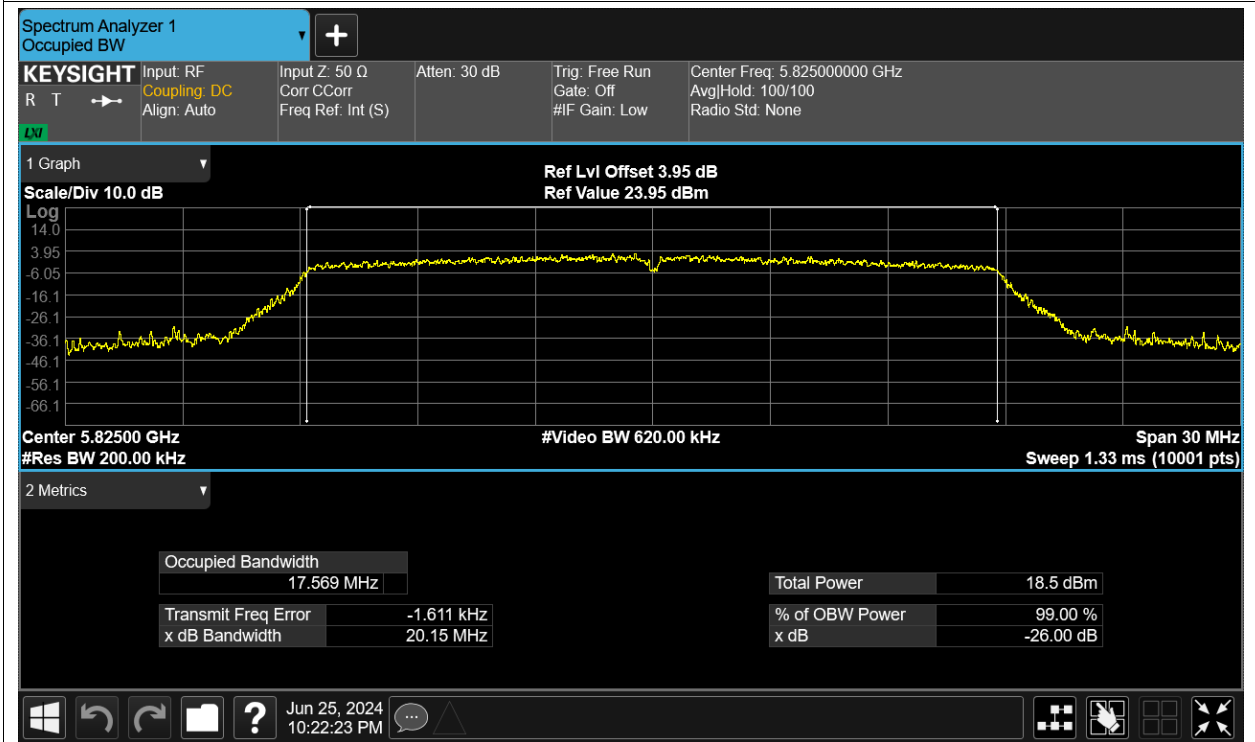
OBW NVNT n20 5745MHz Ant2



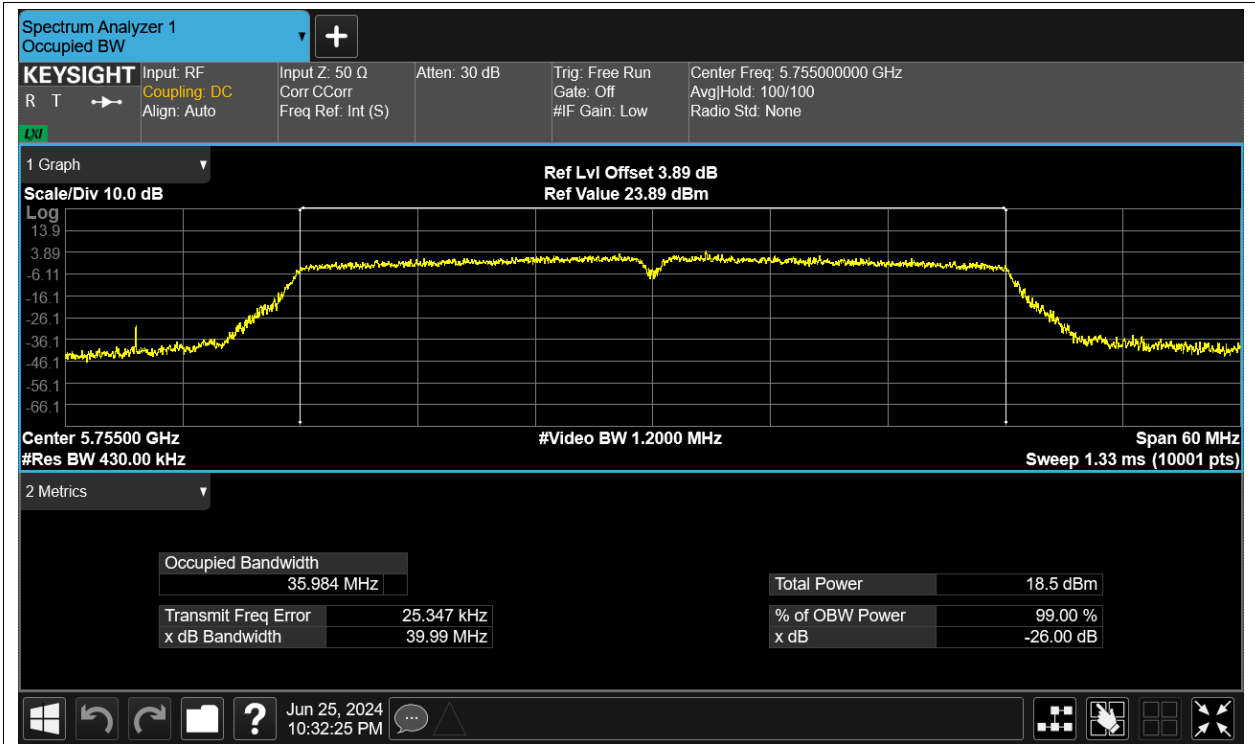
OBW NVNT n20 5785MHz Ant2



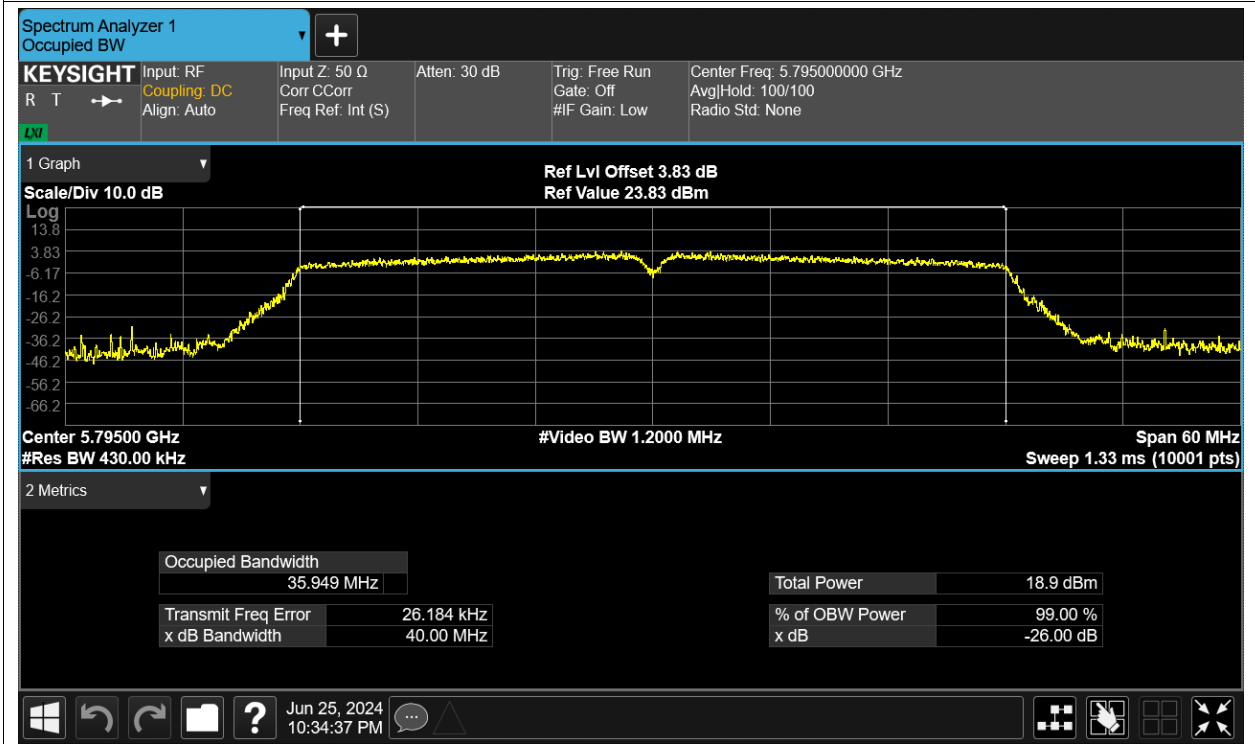
OBW NVNT n20 5825MHz Ant2



OBW NVNT n40 5755MHz Ant2



OBW NVNT n40 5795MHz Ant2

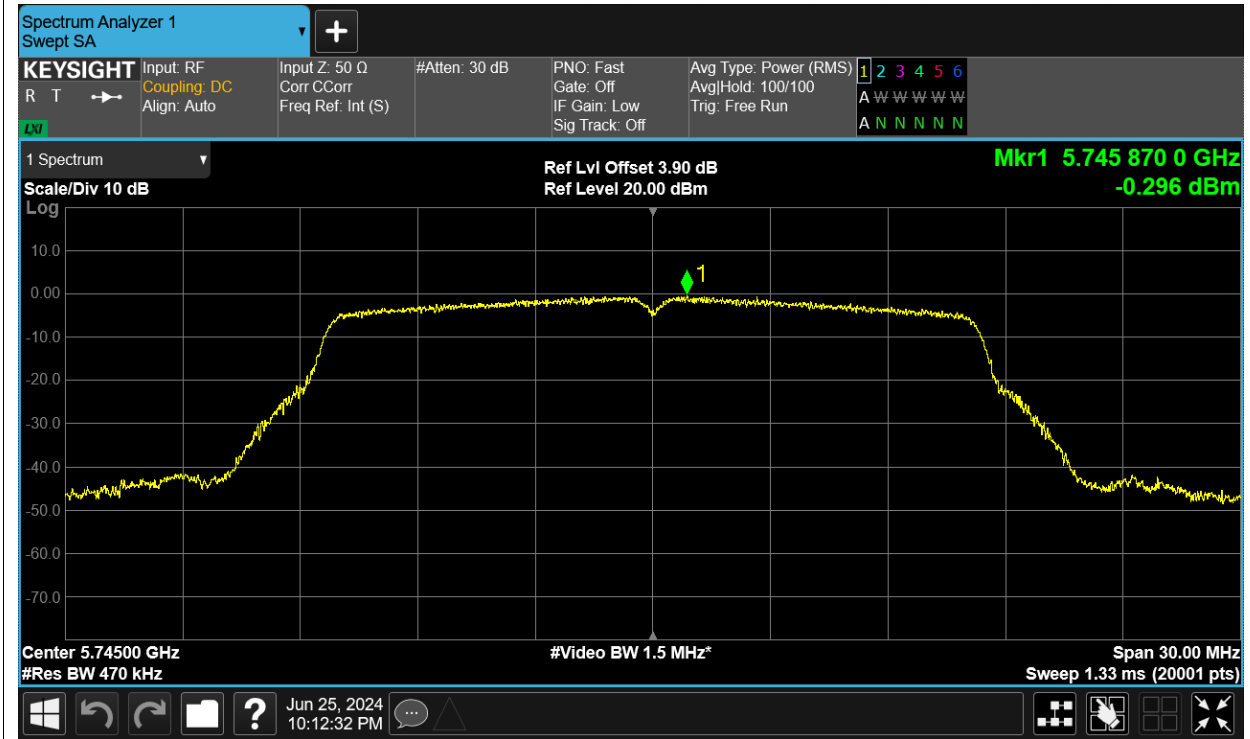


Maximum Power Spectral Density Level

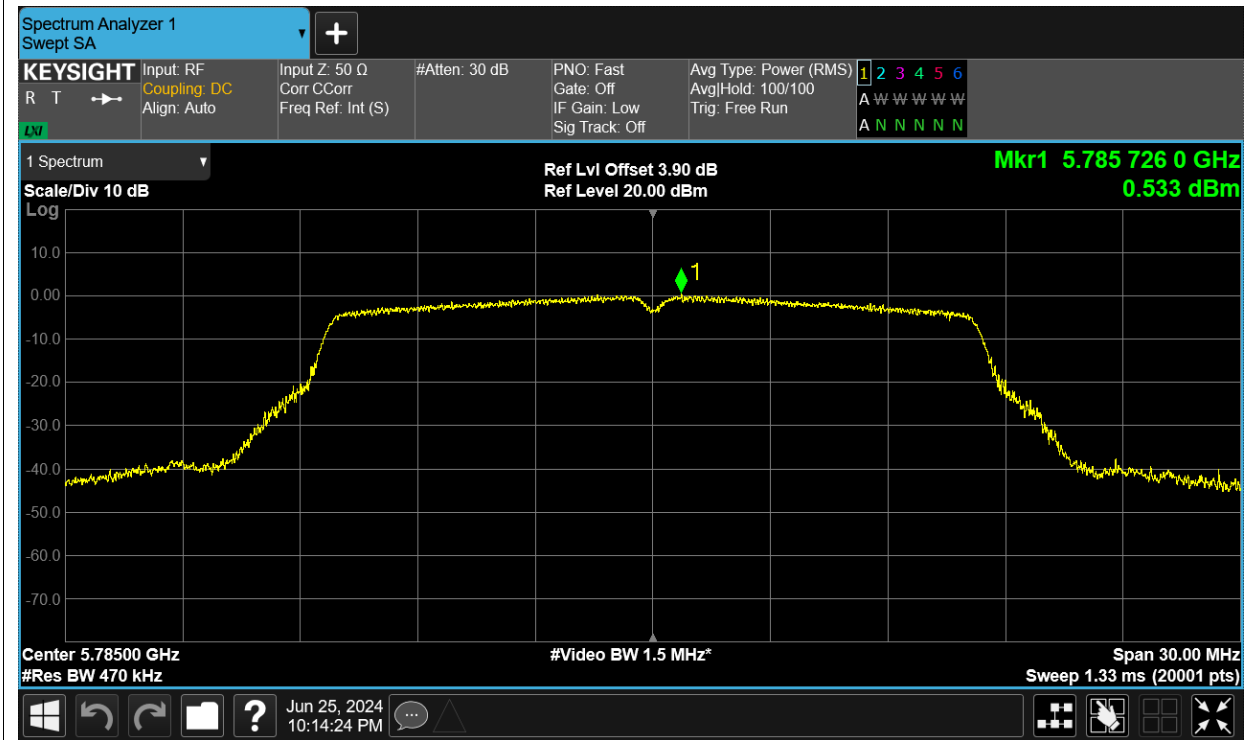
Condition	Mode	Frequency (MHz)	Antenna	Max PSD (dBm)	Limit (dBm)	Verdict
NVNT	a	5745	Ant2	-0.296	30	Pass
NVNT	a	5785	Ant2	0.533	30	Pass
NVNT	a	5825	Ant2	-0.221	30	Pass
NVNT	ac20	5745	Ant2	-0.613	30	Pass
NVNT	ac20	5785	Ant2	0.135	30	Pass
NVNT	ac20	5825	Ant2	-0.353	30	Pass
NVNT	ac40	5755	Ant2	-2.968	30	Pass
NVNT	ac40	5795	Ant2	-2.143	30	Pass
NVNT	ac80	5775	Ant2	-7.259	30	Pass
NVNT	n20	5745	Ant2	-0.404	30	Pass
NVNT	n20	5785	Ant2	-0.203	30	Pass
NVNT	n20	5825	Ant2	-0.082	30	Pass
NVNT	n40	5755	Ant2	-3.152	30	Pass
NVNT	n40	5795	Ant2	-2.587	30	Pass

Test Graphs

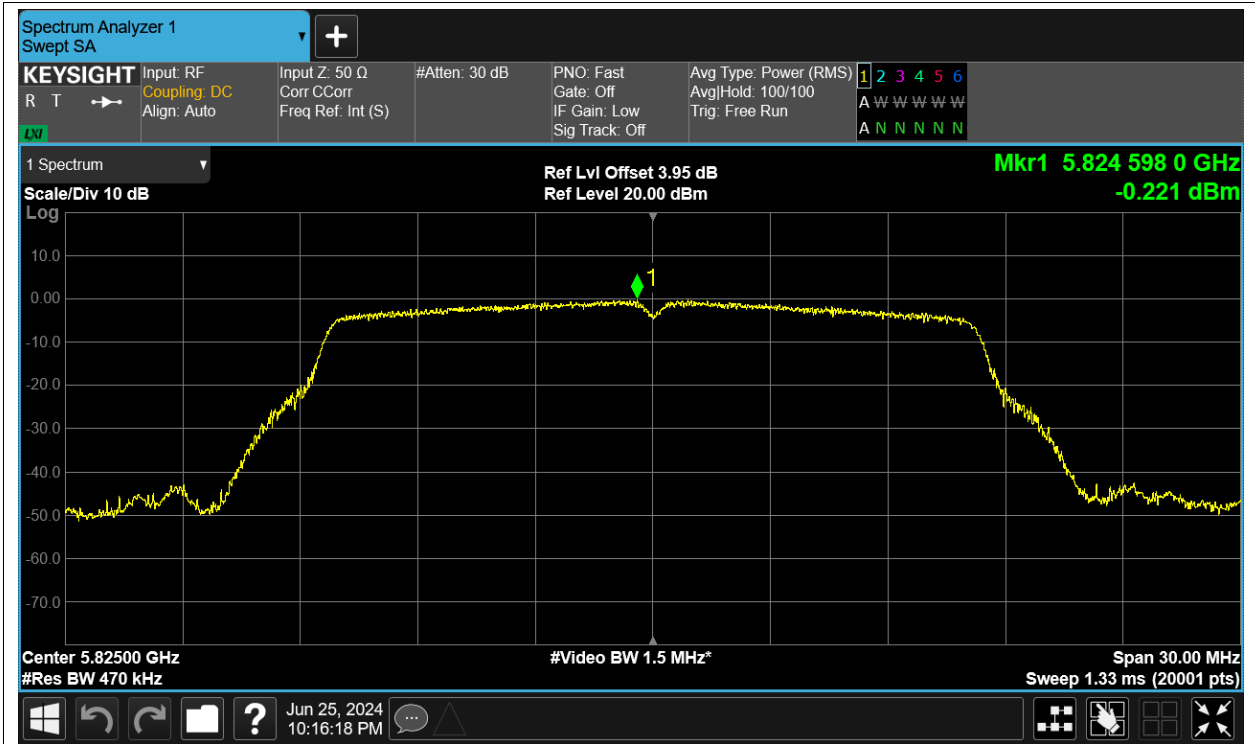
PSD NVNT a 5745MHz Ant2



PSD NVNT a 5785MHz Ant2



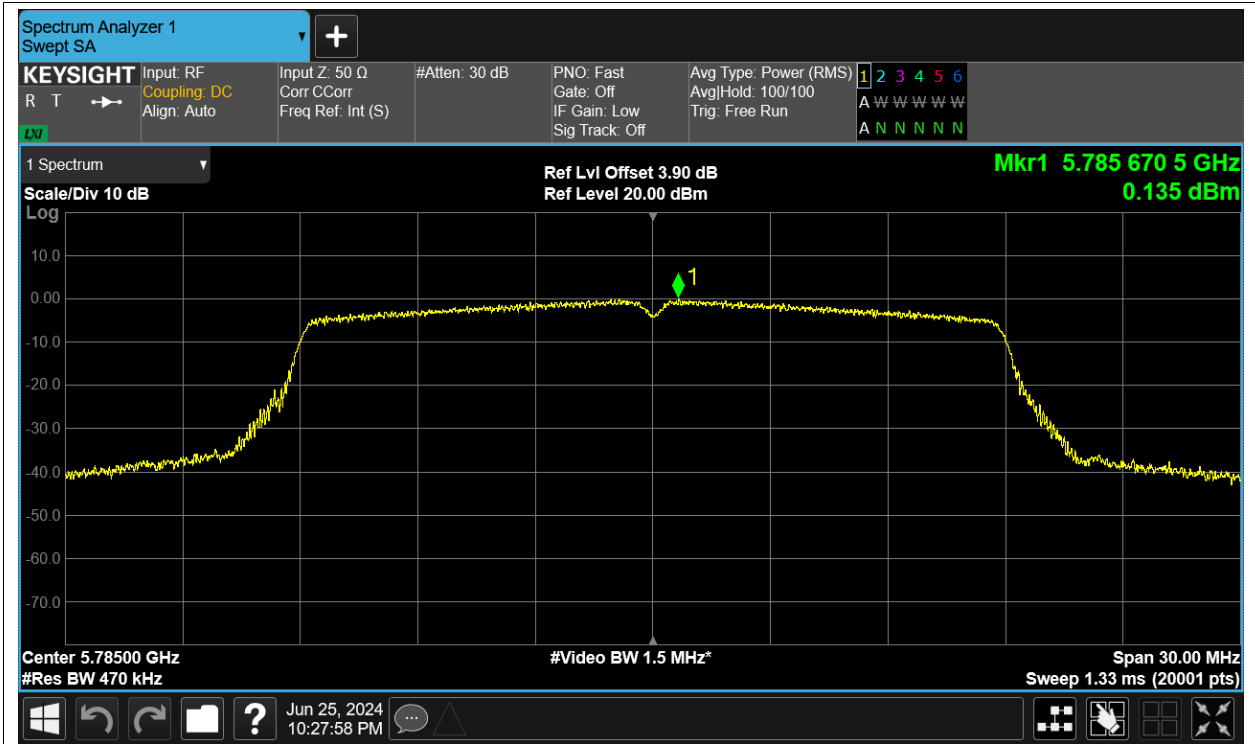
PSD NVNT a 5825MHz Ant2



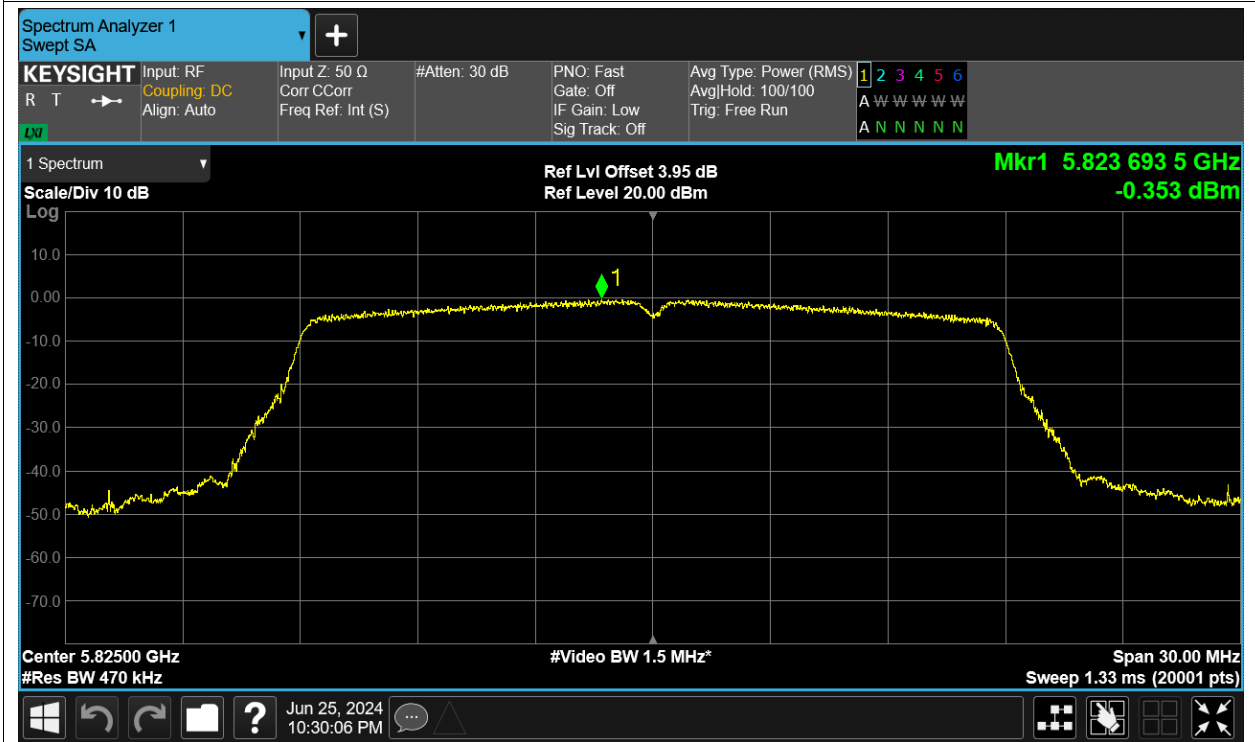
PSD NVNT ac20 5745MHz Ant2



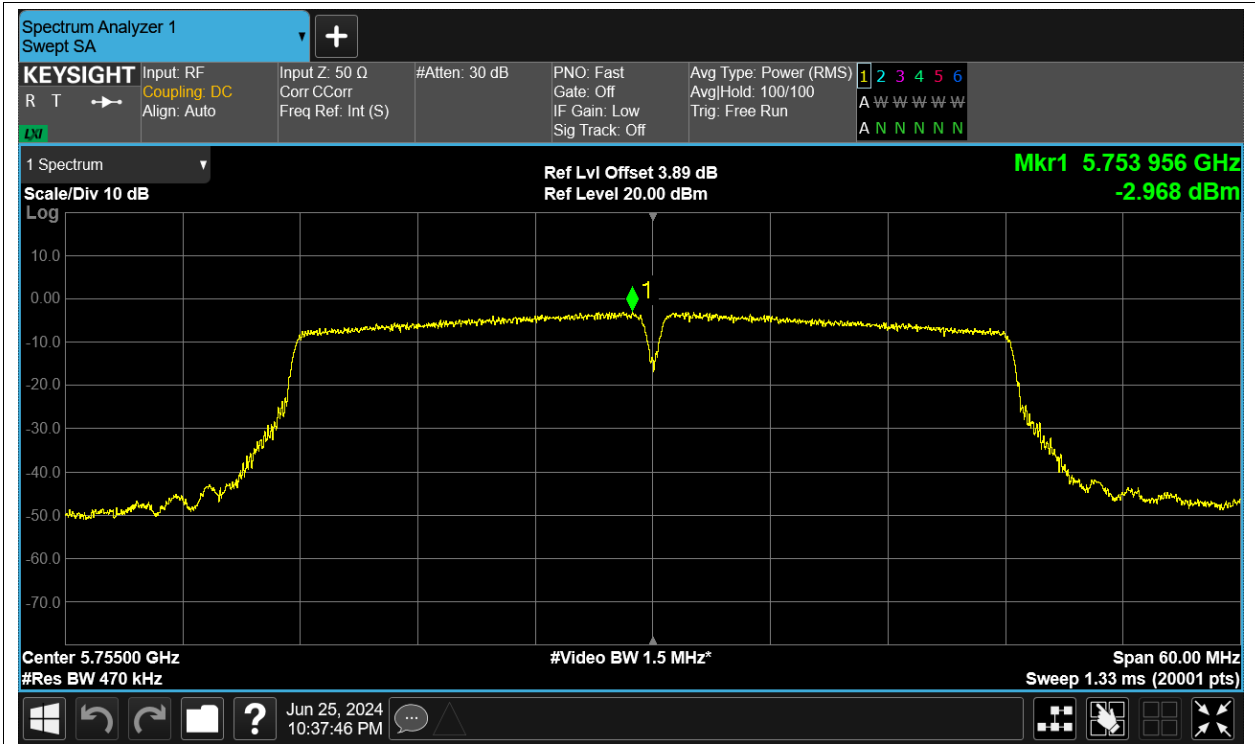
PSD NVNT ac20 5785MHz Ant2



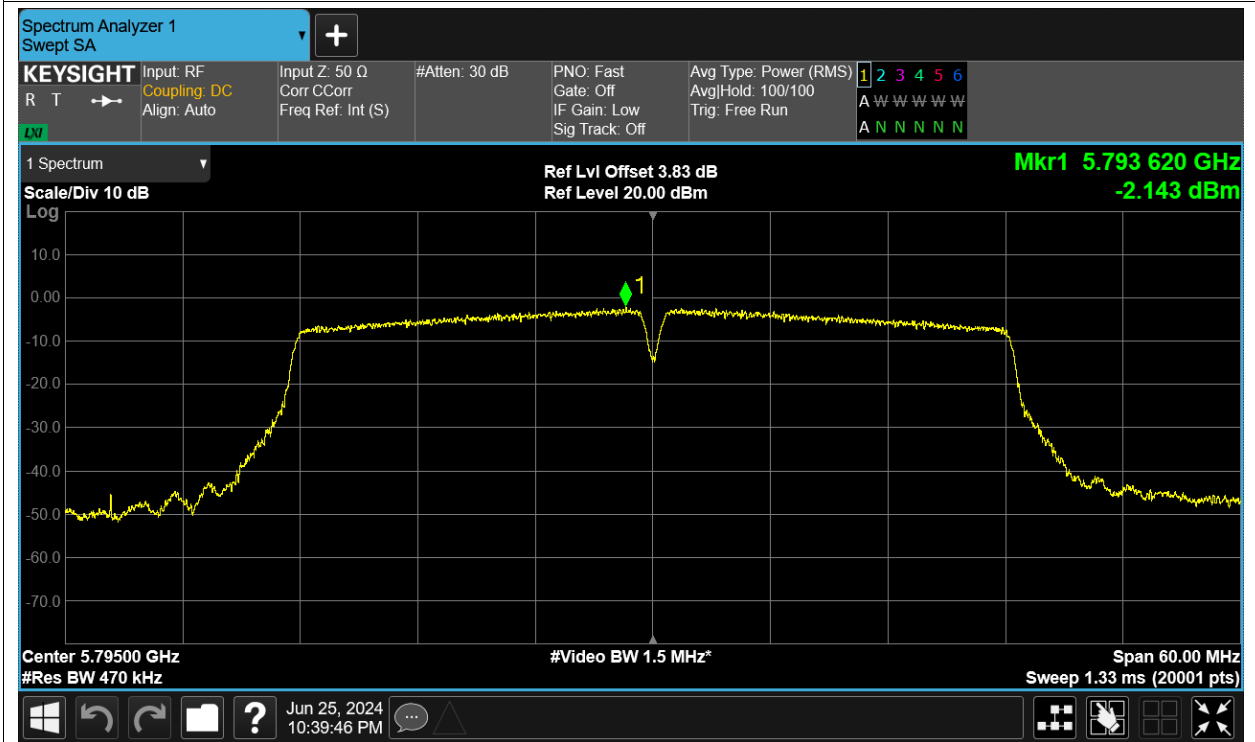
PSD NVNT ac20 5825MHz Ant2



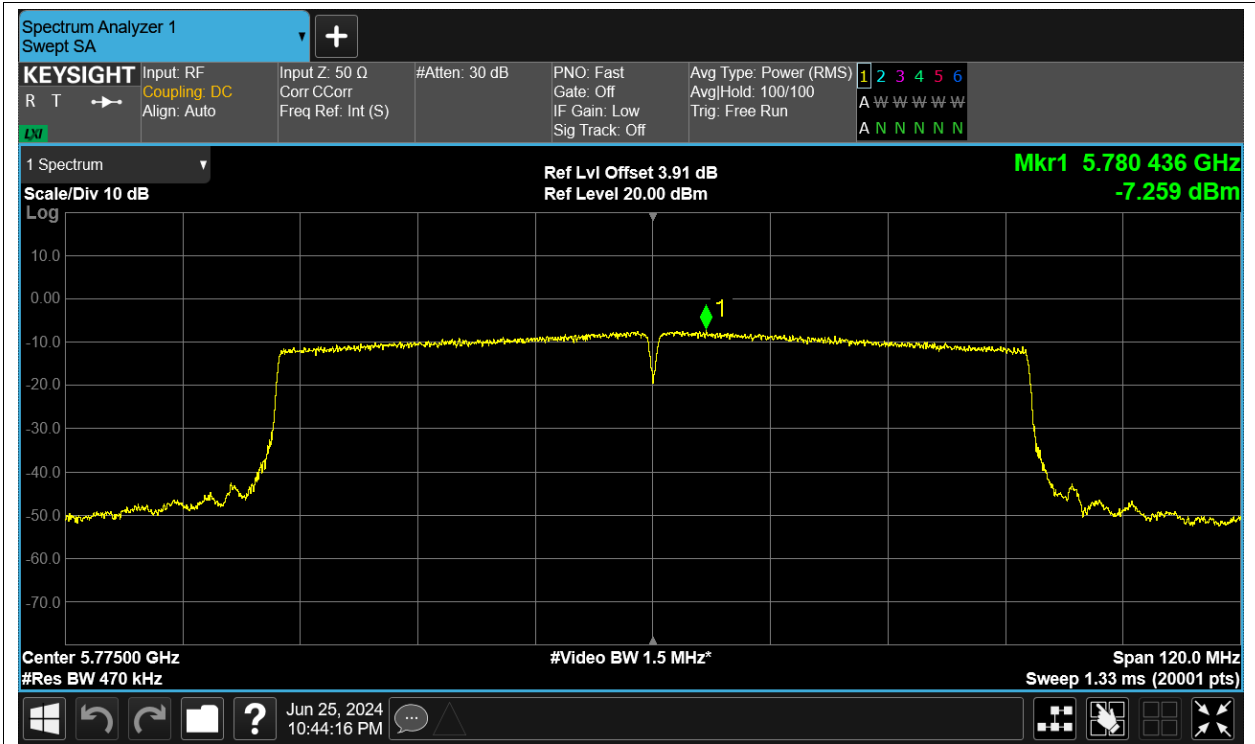
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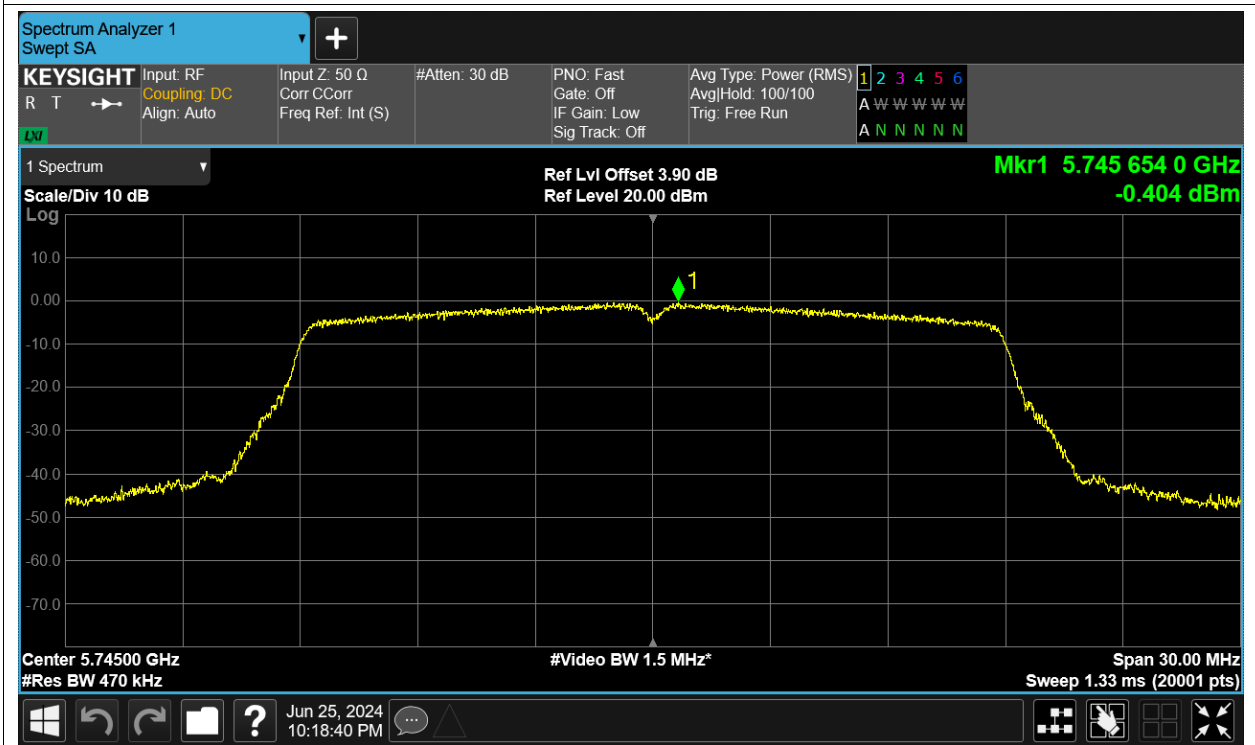
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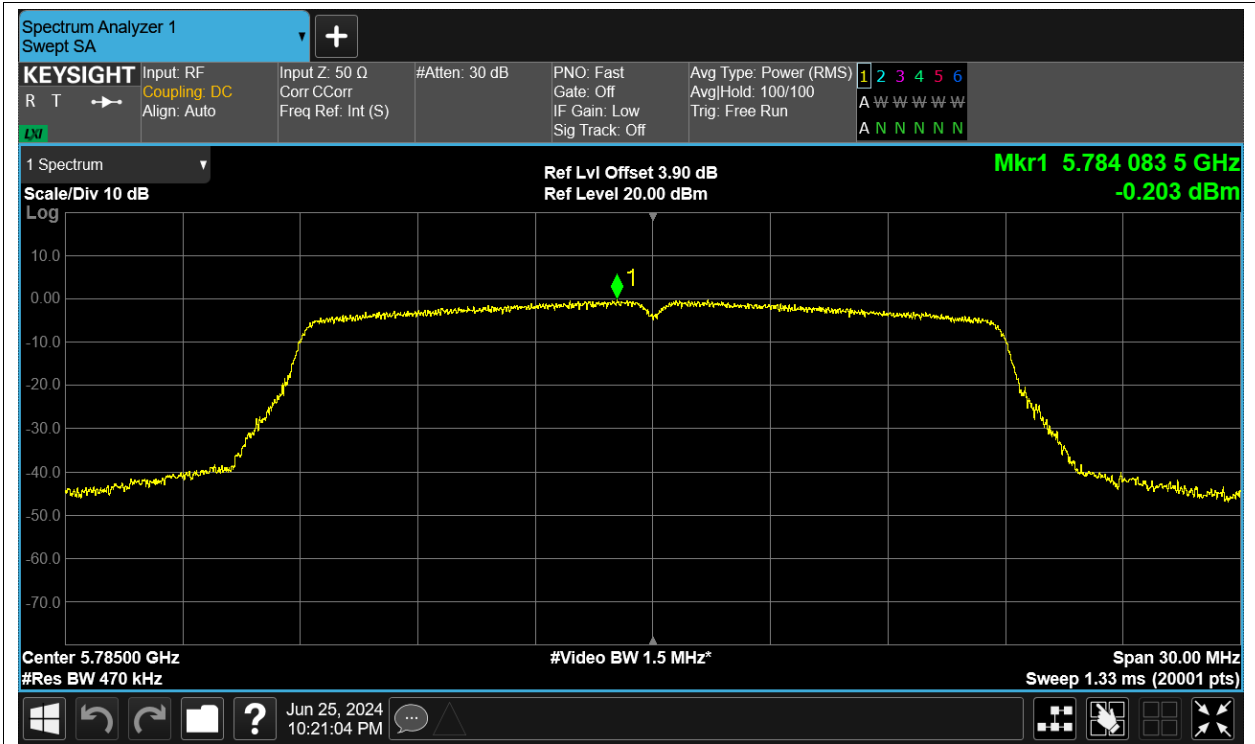
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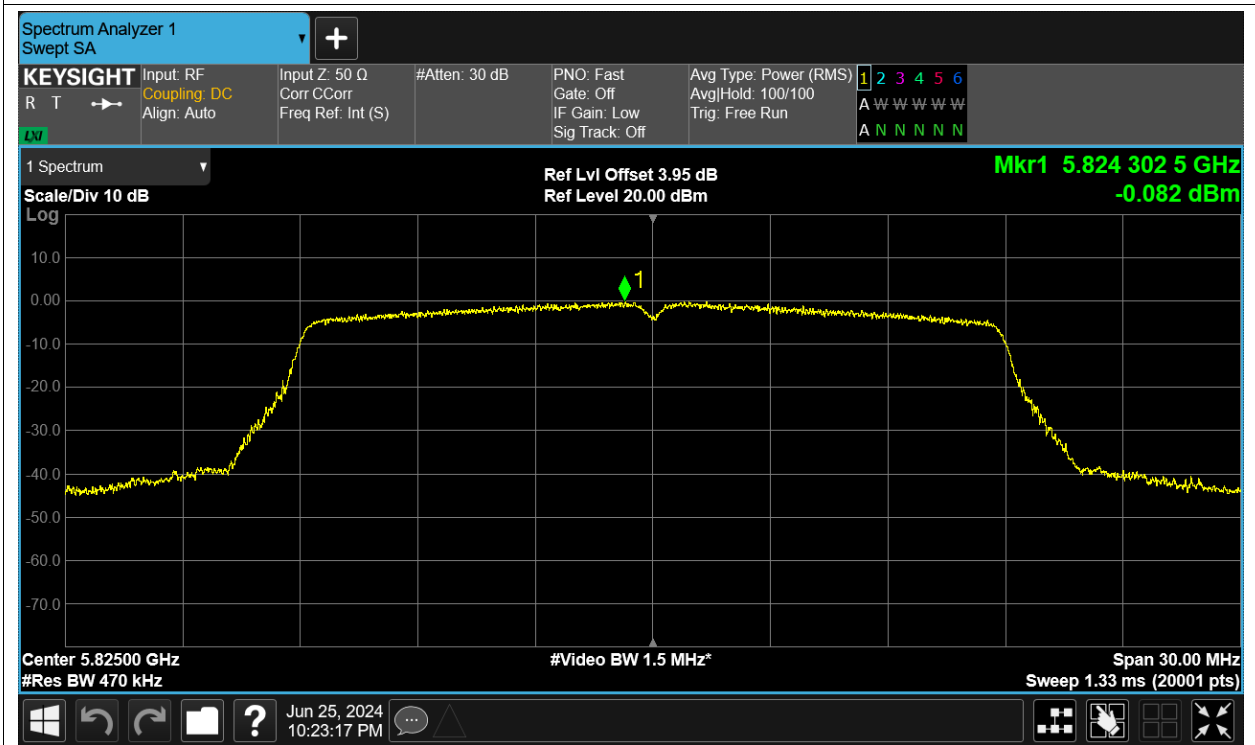
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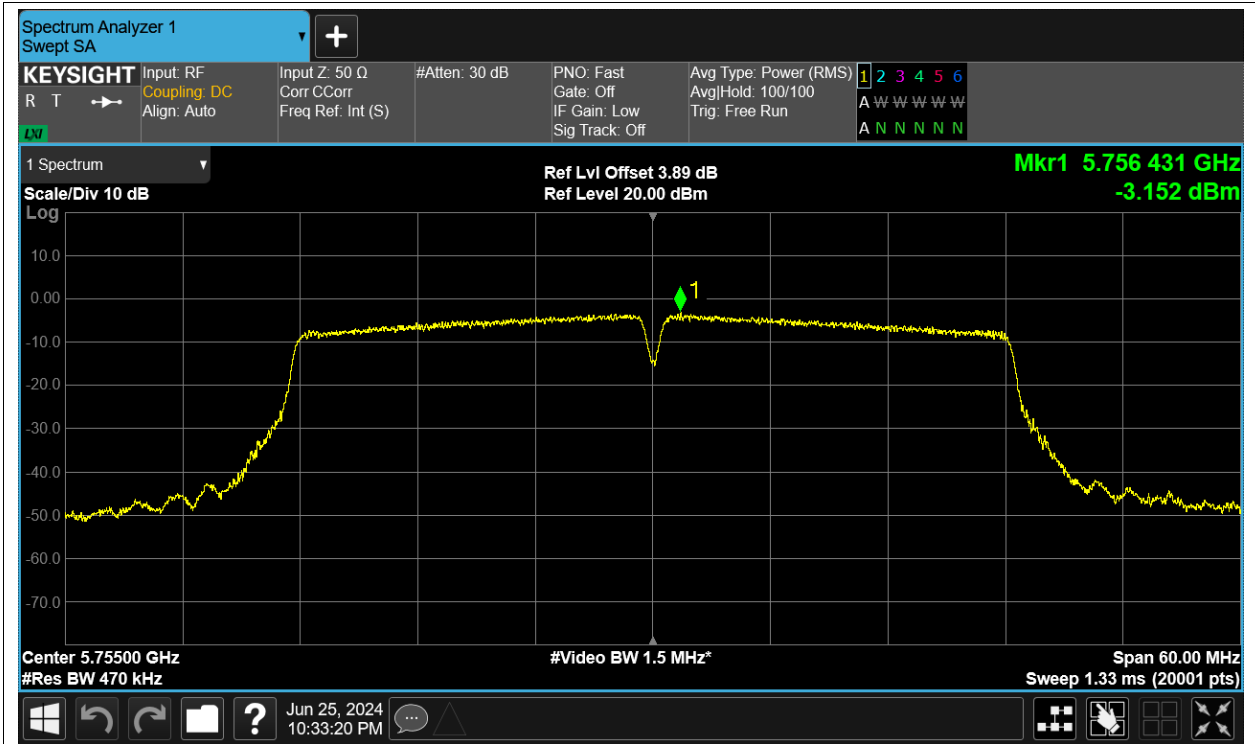
PSD NVNT n20 5785MHz Ant2



PSD NVNT n20 5825MHz Ant2



PSD NVNT n40 5755MHz Ant2



PSD NVNT n40 5795MHz Ant2

