

Test Data

Frequency Stability

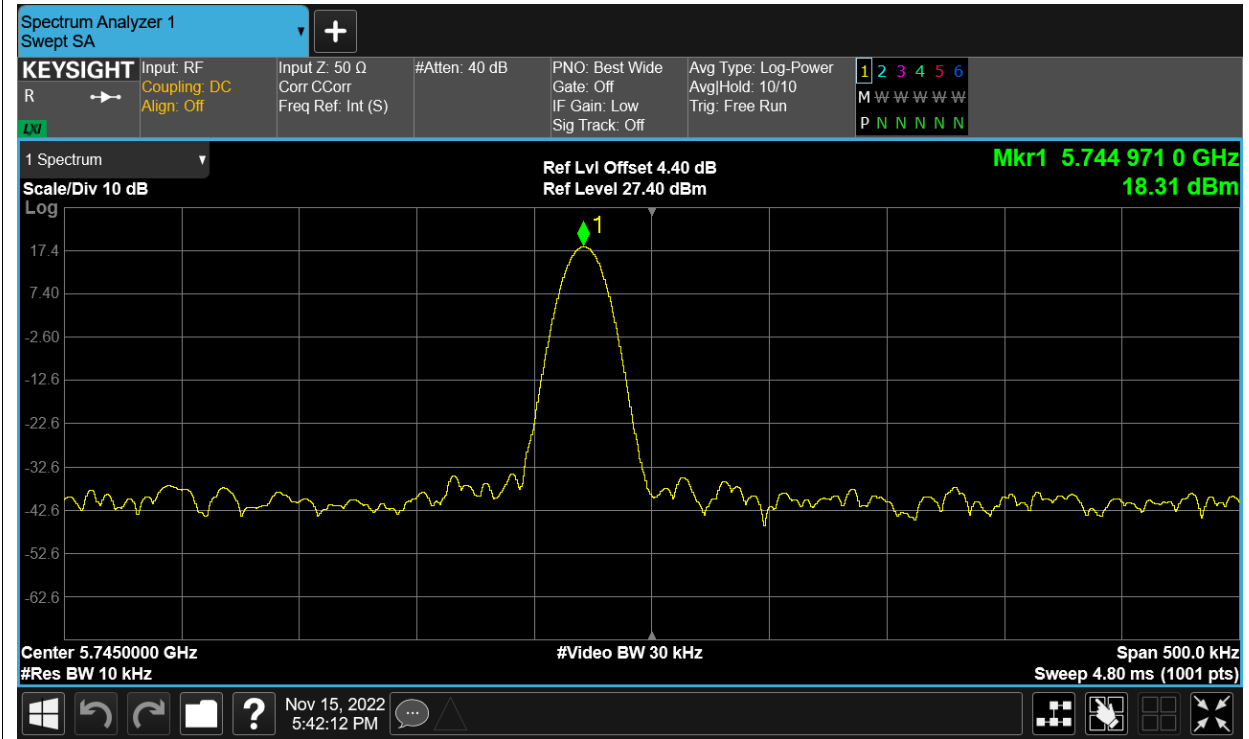
Condition	Mode	Frequency (MHz)	Antenna	Measured Frequency (MHz)	Deviation (ppm)	Limit (ppm)	Verdict
HVNT	a	5745	Ant23	5744.971	-5.05	Within authorized band	Pass
HVNT	a	5745	Ant24	5744.972	-4.87		Pass
LVNT	a	5745	Ant23	5744.971	-5.05		Pass
LVNT	a	5745	Ant24	5744.972	-4.87		Pass
NVHT	a	5745	Ant23	5744.9715	-4.96		Pass
NVHT	a	5745	Ant24	5744.972	-4.87		Pass
NVLT	a	5745	Ant23	5744.9715	-4.96		Pass
NVLT	a	5745	Ant24	5744.972	-4.87		Pass
NVNT	a	5745	Ant23	5744.9785	-3.74		Pass
NVNT	a	5745	Ant24	5744.972	-4.87		Pass
HVNT	ac20	5745	Sum	5744.962	-6.61		Pass
LVNT	ac20	5745	Sum	5744.9625	-6.53		Pass
NVHT	ac20	5745	Sum	5744.9625	-6.53		Pass
NVLT	ac20	5745	Sum	5744.9625	-6.53		Pass
NVNT	ac20	5745	Sum	5744.9625	-6.53		Pass
HVNT	ax20	5745	Sum	5744.9635	-6.35		Pass
LVNT	ax20	5745	Sum	5744.964	-6.27		Pass
NVHT	ax20	5745	Sum	5744.9645	-6.18		Pass
NVLT	ax20	5745	Sum	5744.9655	-6.01		Pass
NVNT	ax20	5745	Sum	5744.966	-5.92		Pass
HVNT	ax40	5755	Sum	5754.965	-6.08		Pass
LVNT	ax40	5755	Sum	5754.9655	-5.99		Pass
NVHT	ax40	5755	Sum	5754.9665	-5.82		Pass
NVLT	ax40	5755	Sum	5754.967	-5.73		Pass
NVNT	ax40	5755	Sum	5754.968	-5.56		Pass
HVNT	ax80	5775	Sum	5774.966	-5.89		Pass
LVNT	ax80	5775	Sum	5774.967	-5.71		Pass
NVHT	ax80	5775	Sum	5774.9675	-5.63		Pass
NVLT	ax80	5775	Sum	5774.9685	-5.45		Pass
NVNT	ax80	5775	Sum	5774.9695	-5.28		Pass
HVNT	n20	5745	Sum	5744.963	-6.44		Pass
LVNT	n20	5745	Sum	5744.963	-6.44		Pass
NVHT	n20	5745	Sum	5744.963	-6.44		Pass
NVLT	n20	5745	Sum	5744.963	-6.44		Pass
NVNT	n20	5745	Sum	5744.963	-6.44		Pass
HVNT	n40	5755	Sum	5754.9675	-5.65		Pass
LVNT	n40	5755	Sum	5754.968	-5.56		Pass
NVHT	n40	5755	Sum	5754.969	-5.39		Pass
NVLT	n40	5755	Sum	5754.97	-5.21		Pass

NVNT	n40	5755	Sum	5754.9705	-5.13		Pass
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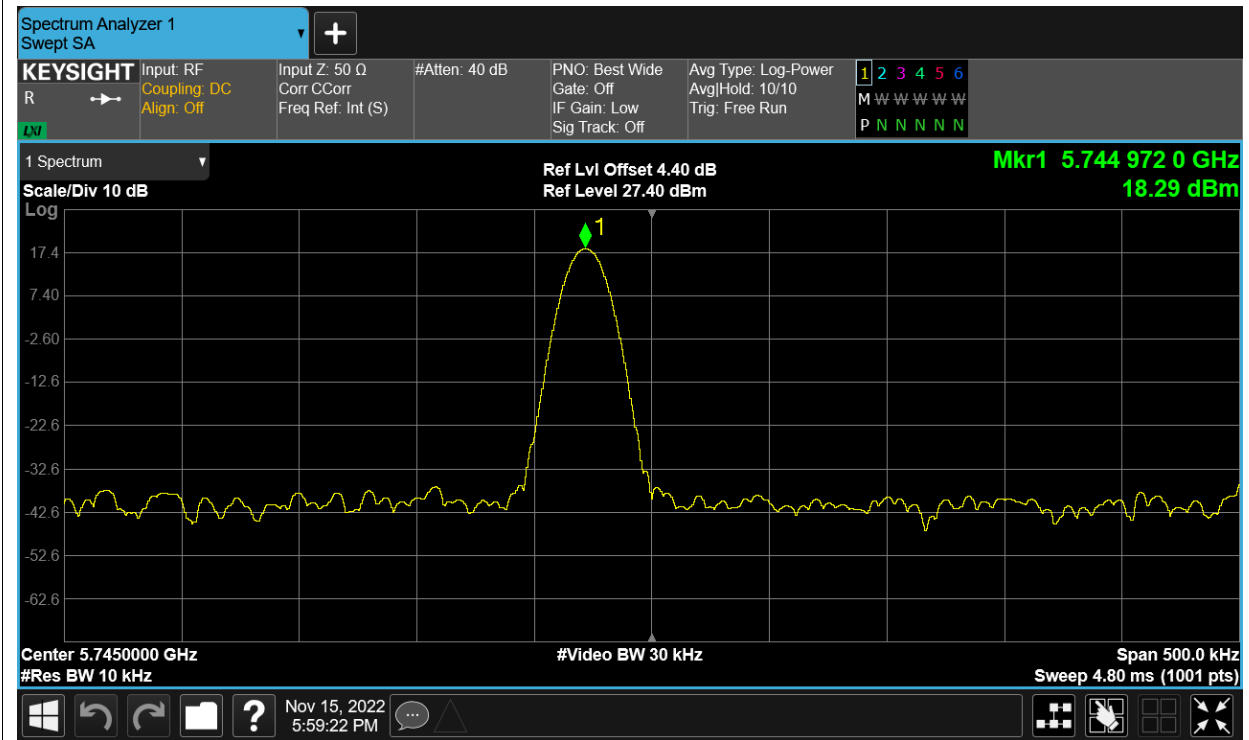
Remark: "NTNV" means Normal Temperature Normal Voltage, "NVHT" means Normal Voltage High Temperature, "NVLT" means Normal Voltage Low Temperature, "LVNT" means Low Voltage Normal Temperature, "HVNT" means High Voltage Normal Temperature.

Test Graphs

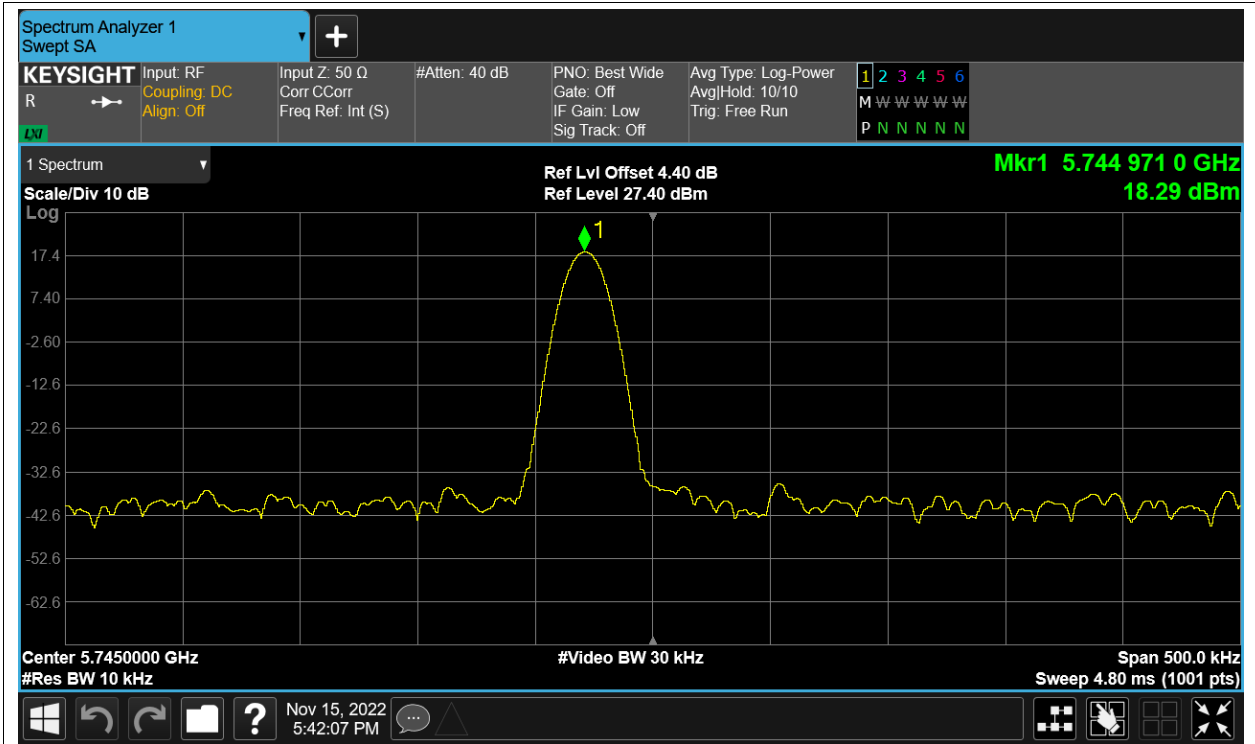
Freq. Stability HVNT a 5745MHz Ant23



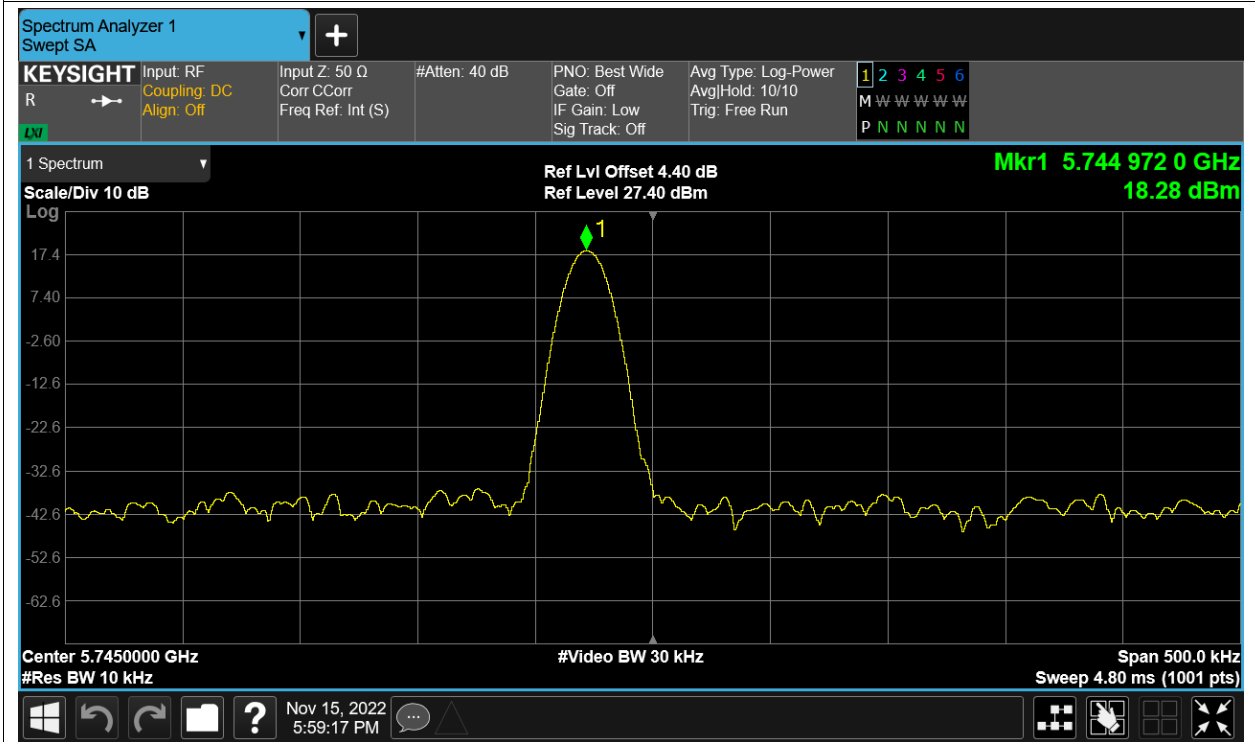
Freq. Stability HVNT a 5745MHz Ant24



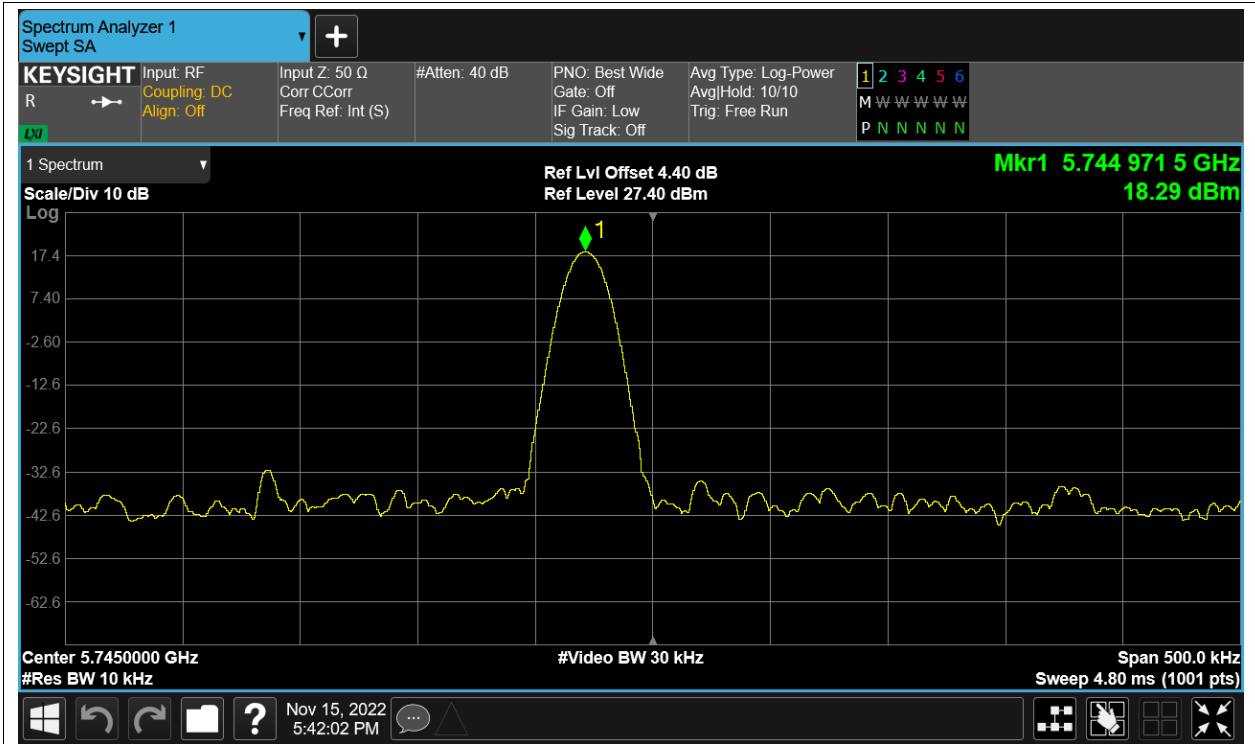
Freq. Stability LVNT a 5745MHz Ant23



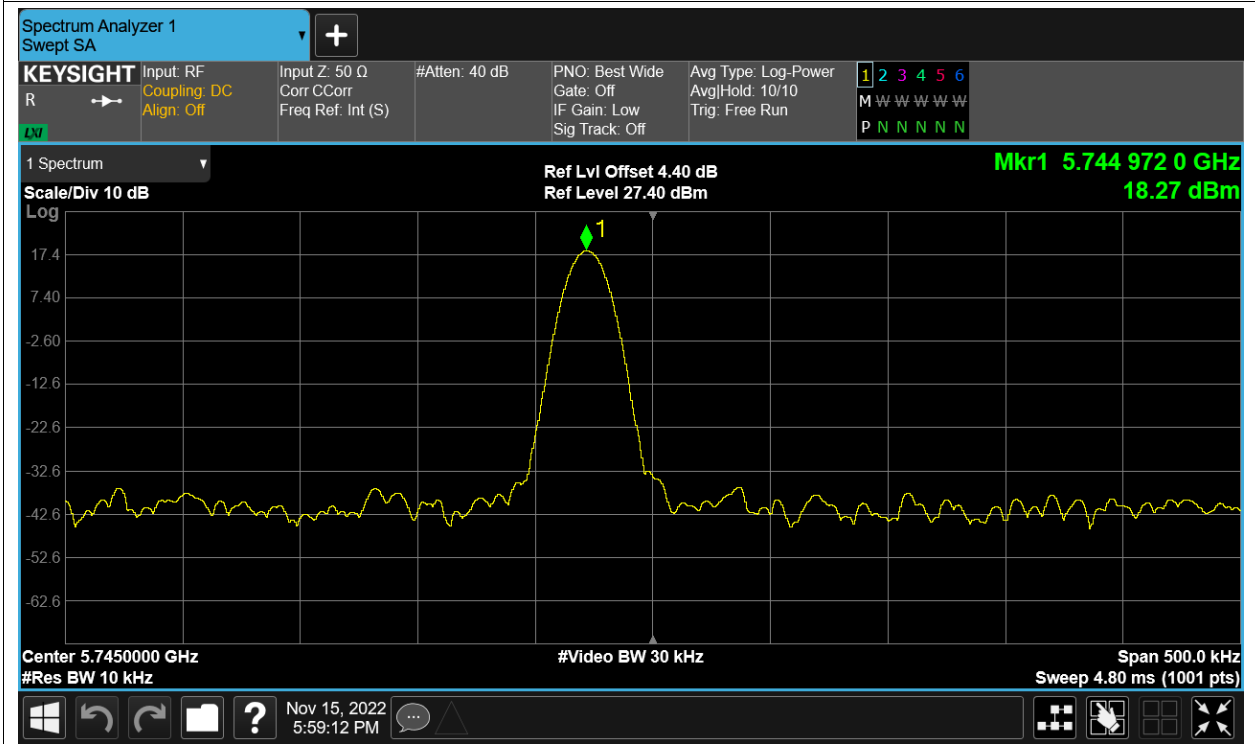
Freq. Stability LVNT a 5745MHz Ant24



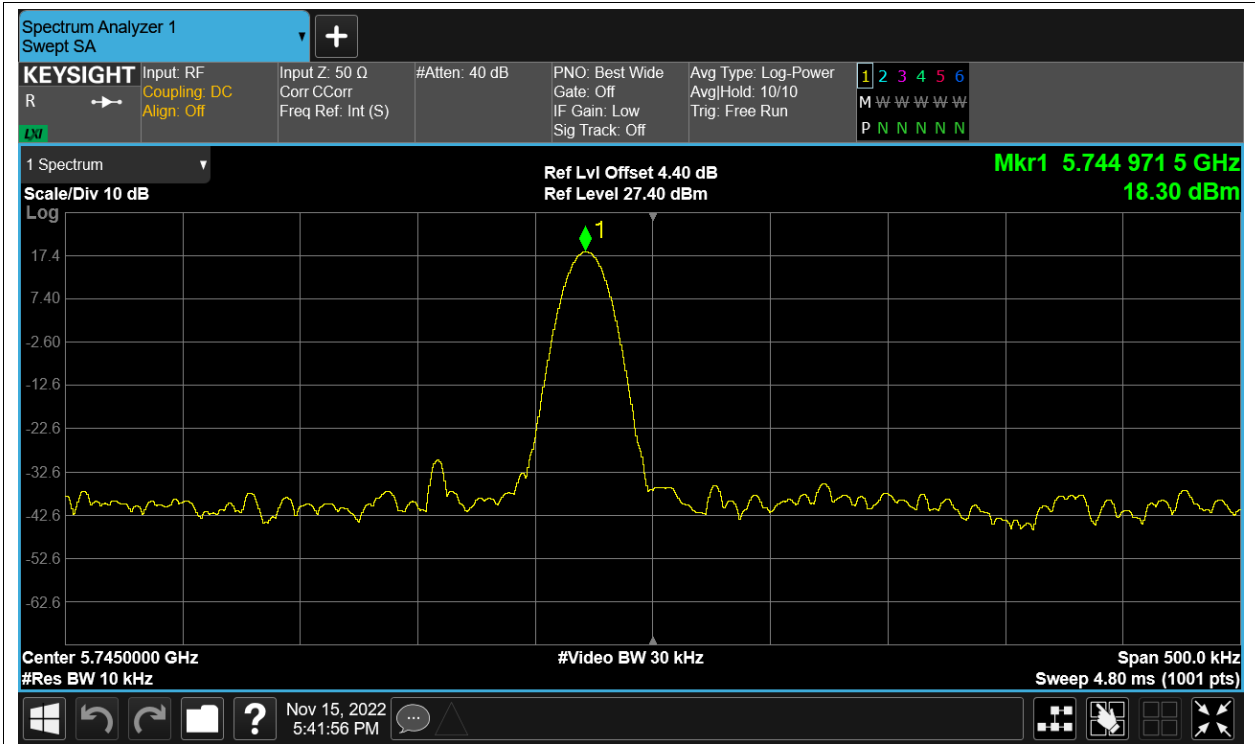
Freq. Stability NVHT a 5745MHz Ant23



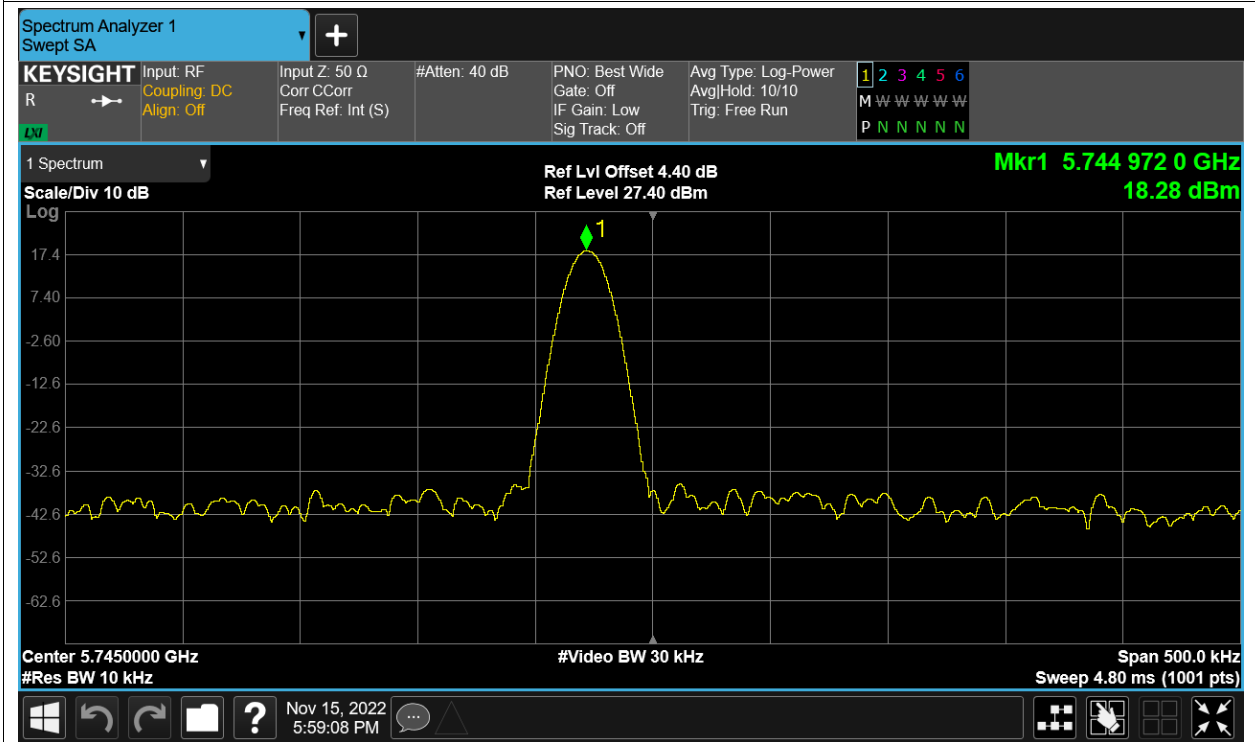
Freq. Stability NVHT a 5745MHz Ant24



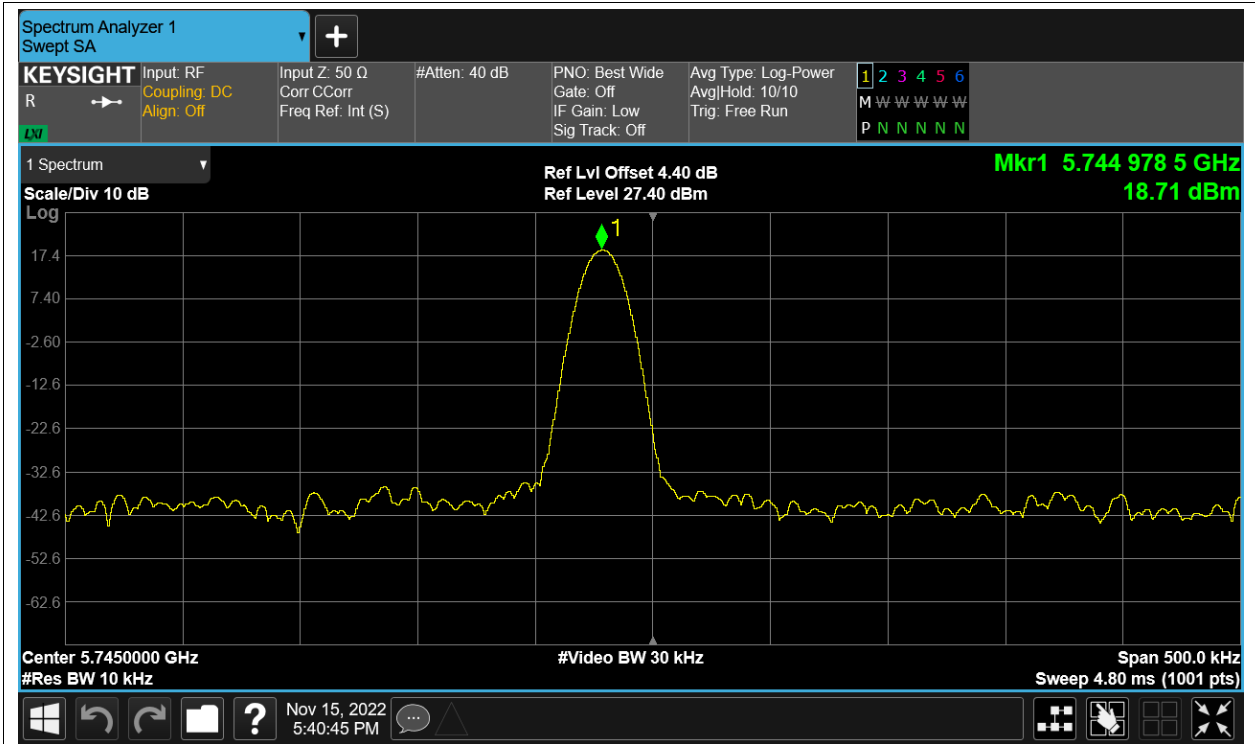
Freq. Stability NVLT a 5745MHz Ant23



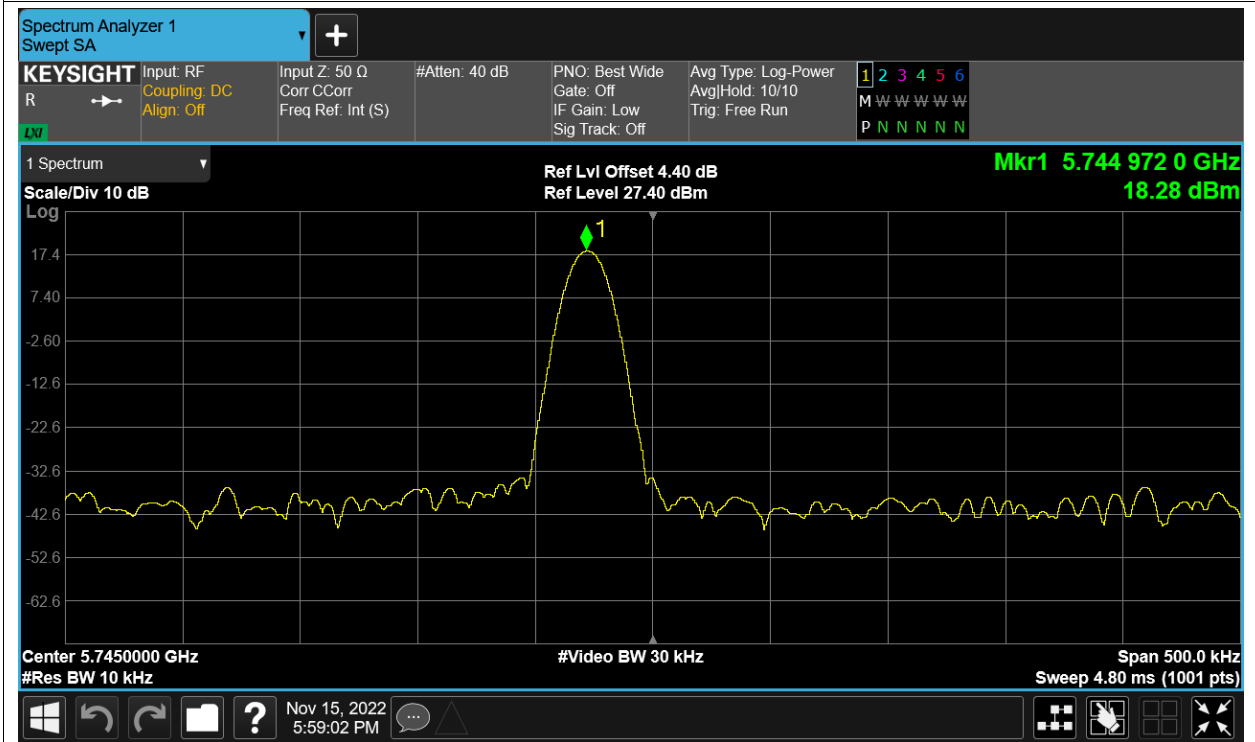
Freq. Stability NVLT a 5745MHz Ant24



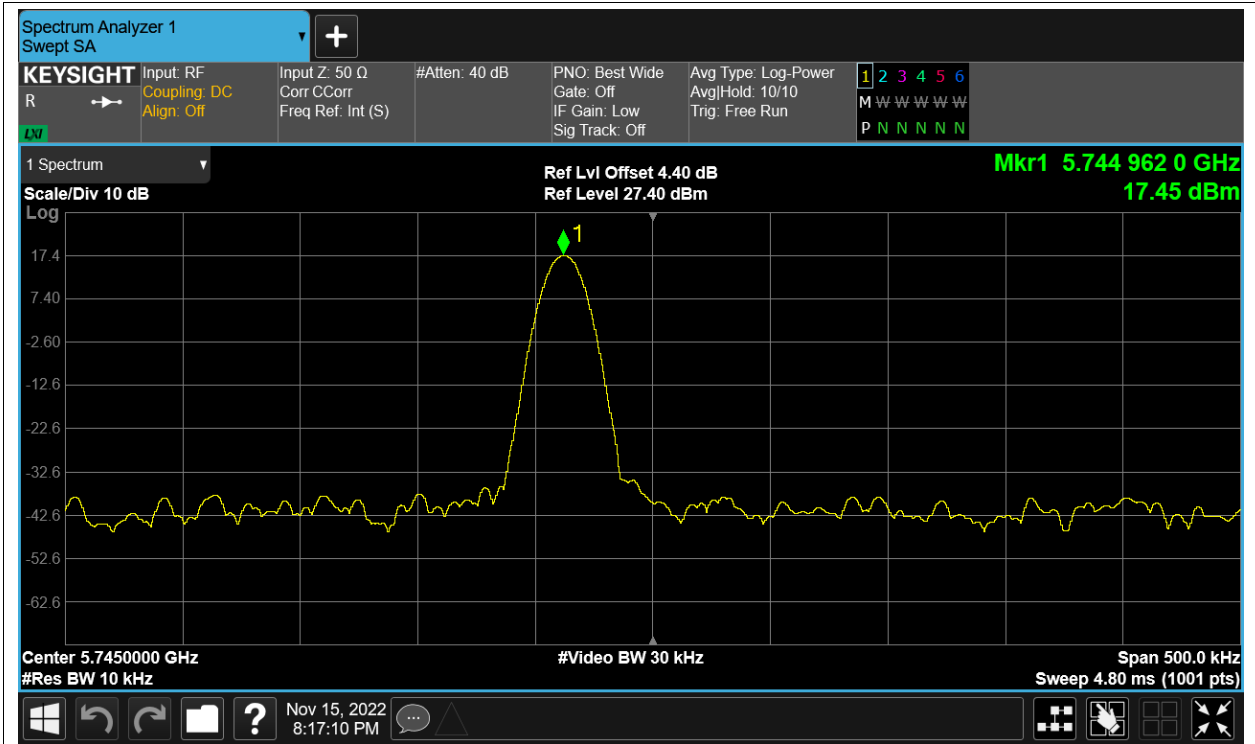
Freq. Stability NVNT a 5745MHz Ant23



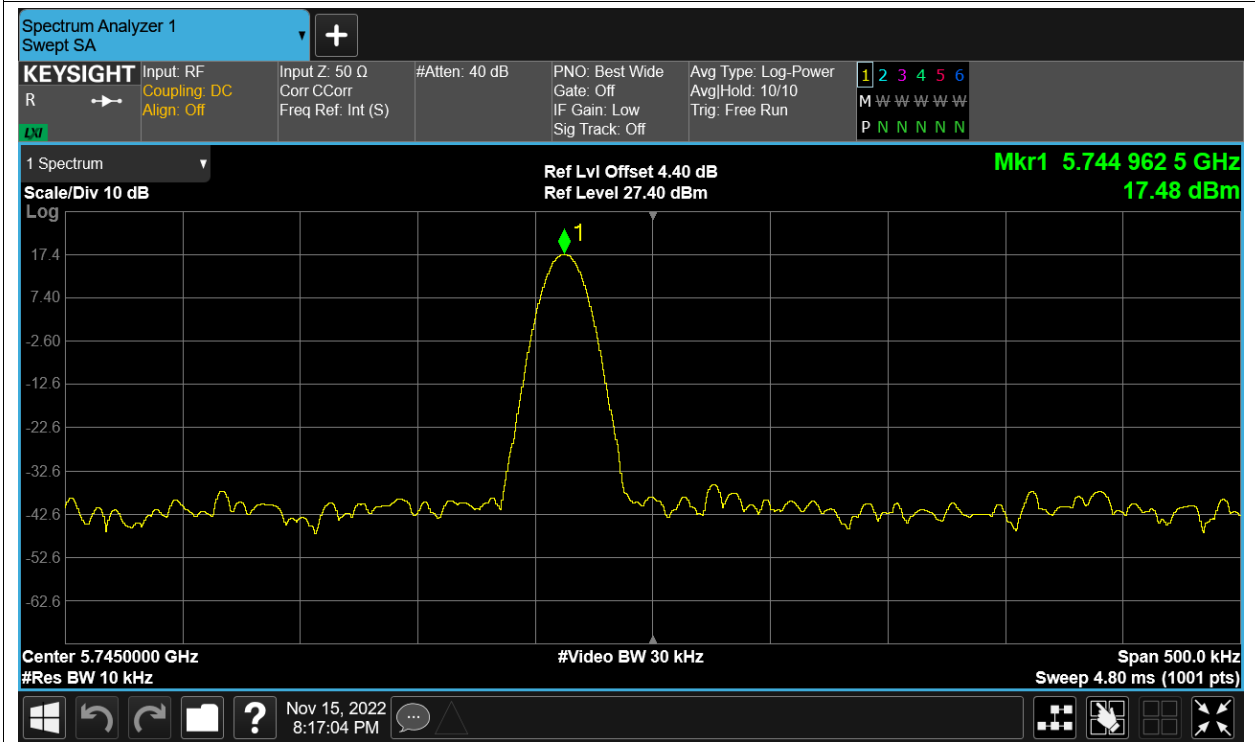
Freq. Stability NVNT a 5745MHz Ant24



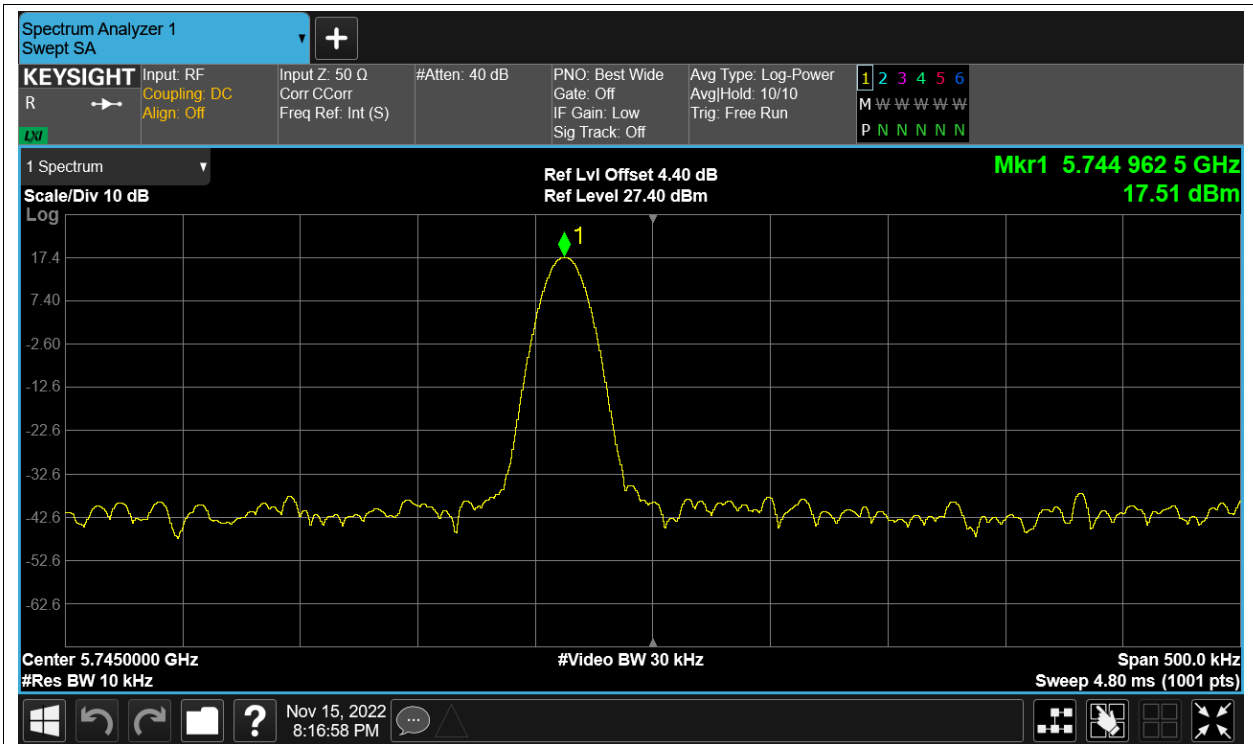
Freq. Stability HVNT ac20 5745MHz Sum



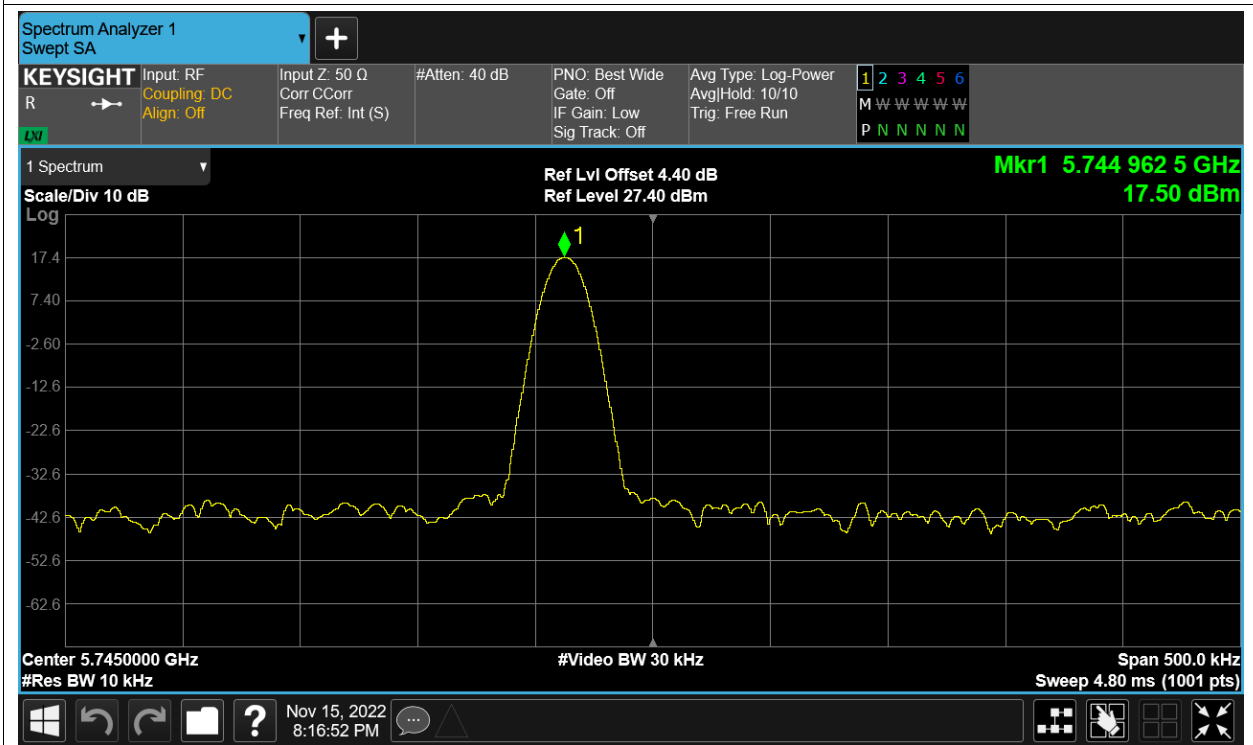
Freq. Stability LVNT ac20 5745MHz Sum



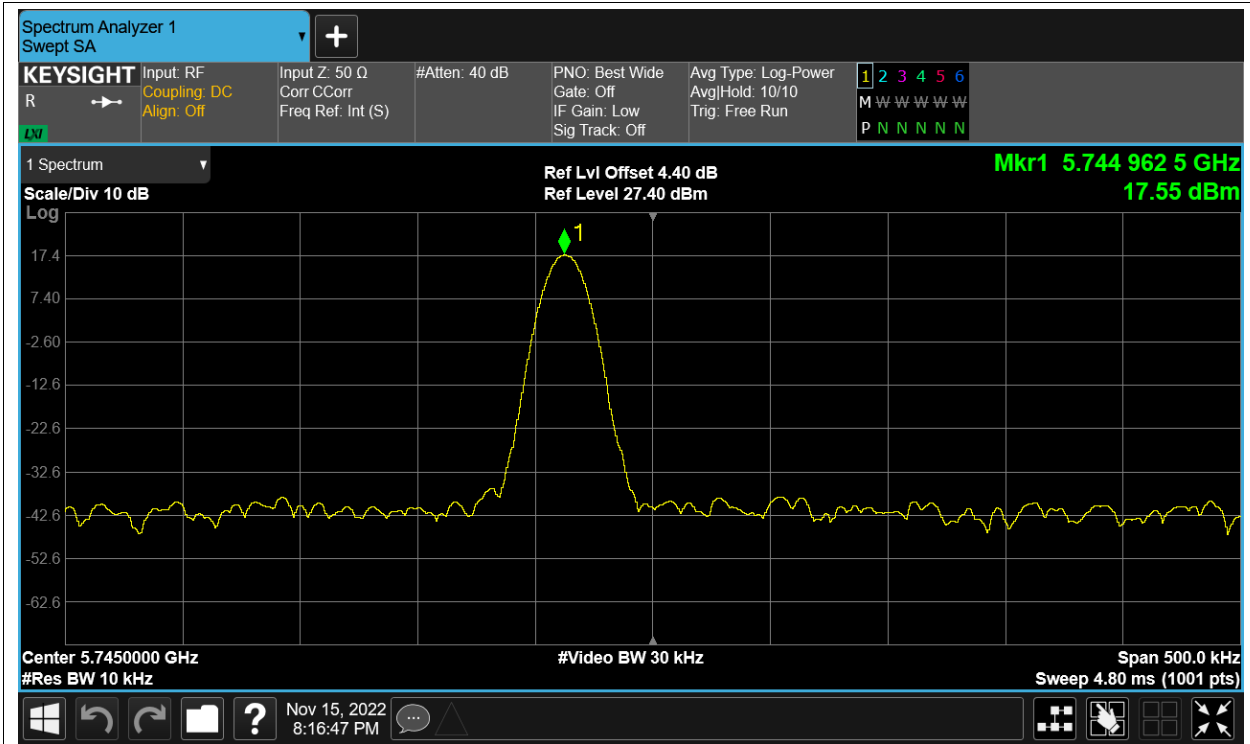
Freq. Stability NVHT ac20 5745MHz Sum



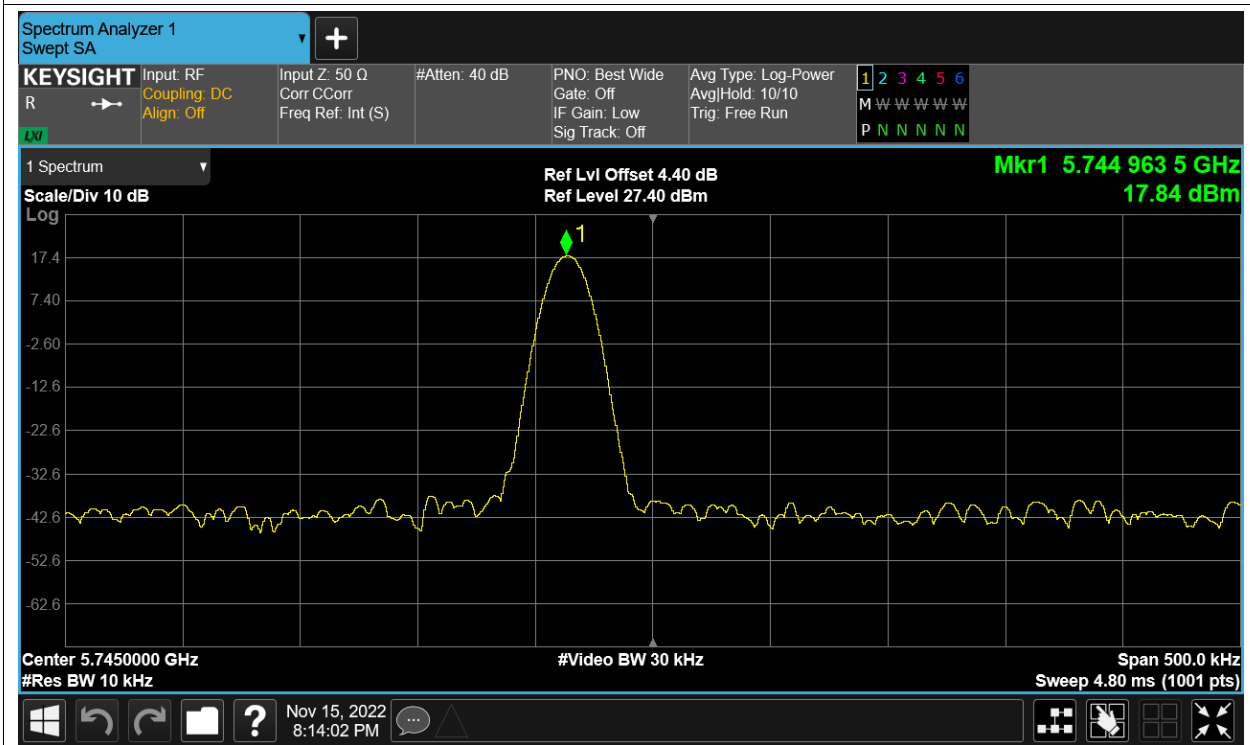
Freq. Stability NVLT ac20 5745MHz Sum



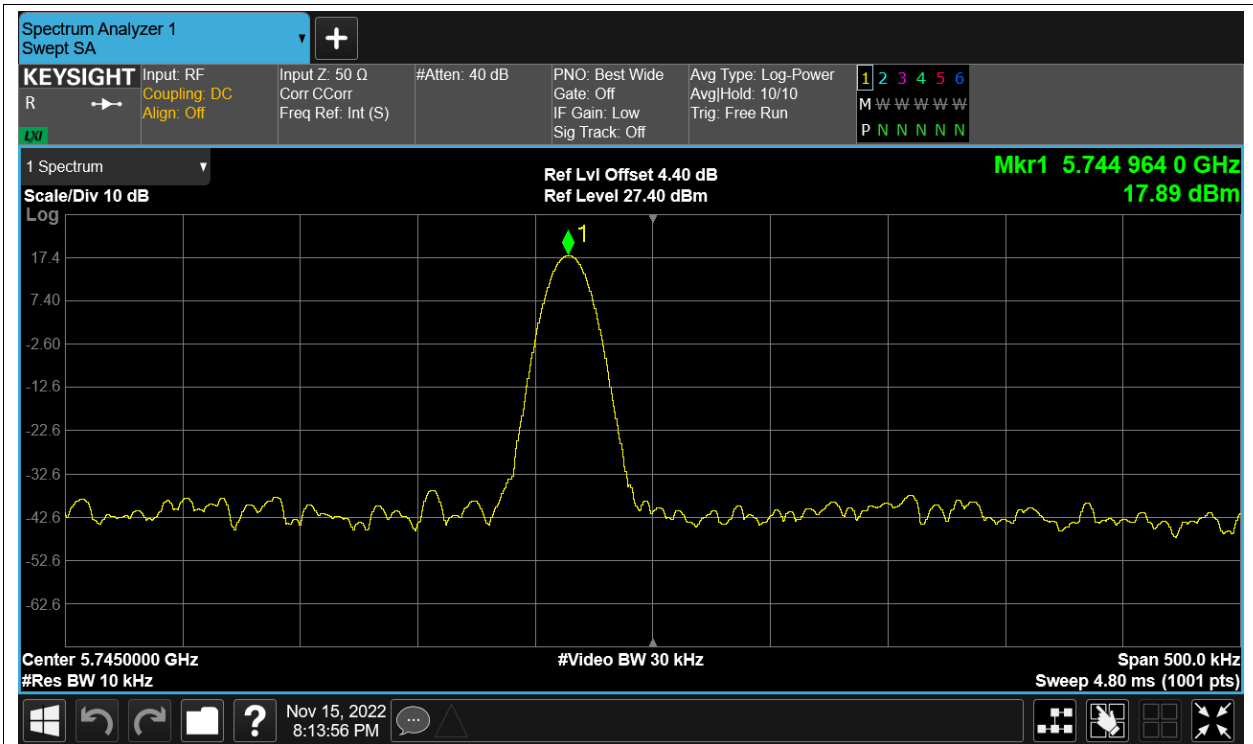
Freq. Stability NVNT ac20 5745MHz Sum



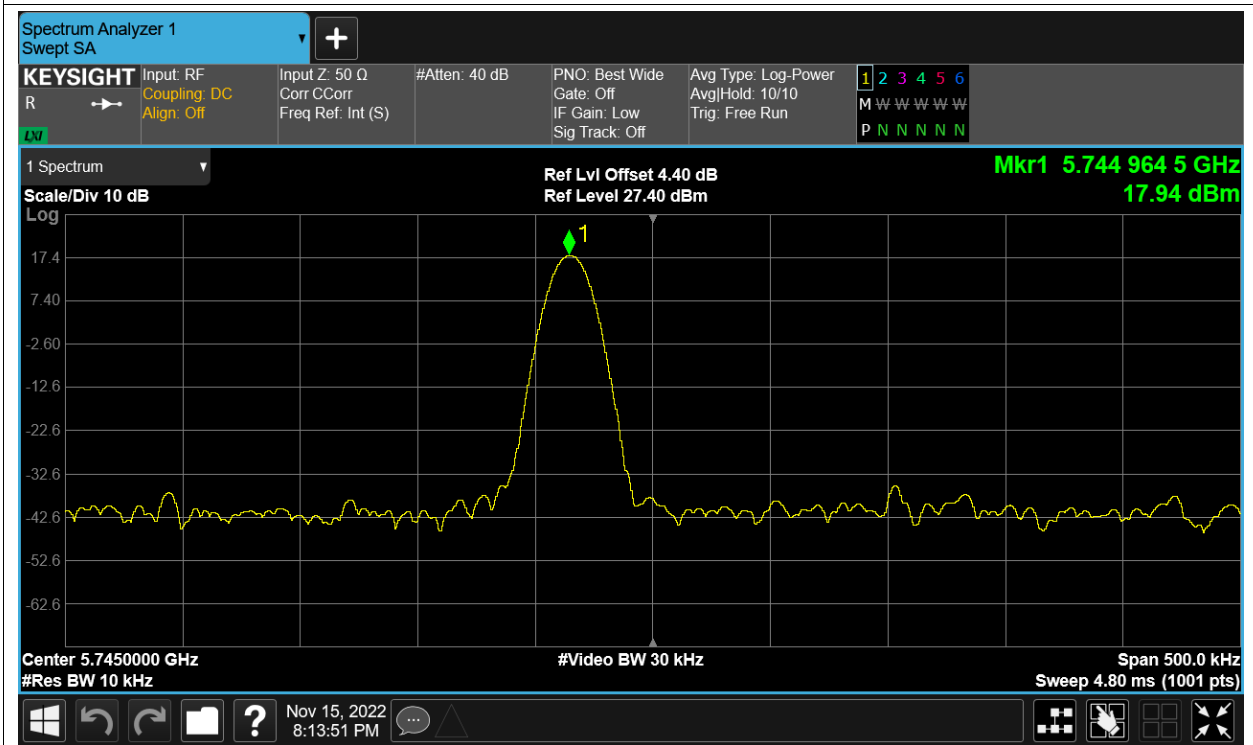
Freq. Stability HVNT ax20 5745MHz Sum



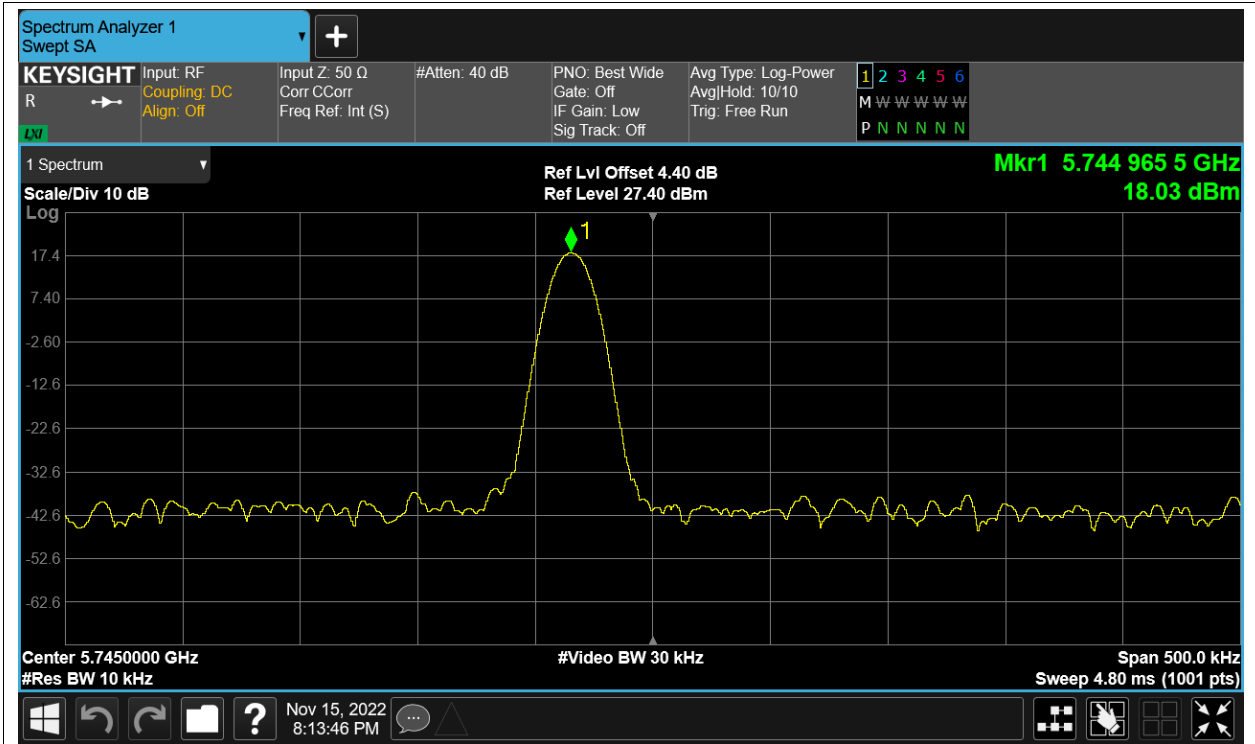
Freq. Stability LVNT ax20 5745MHz Sum



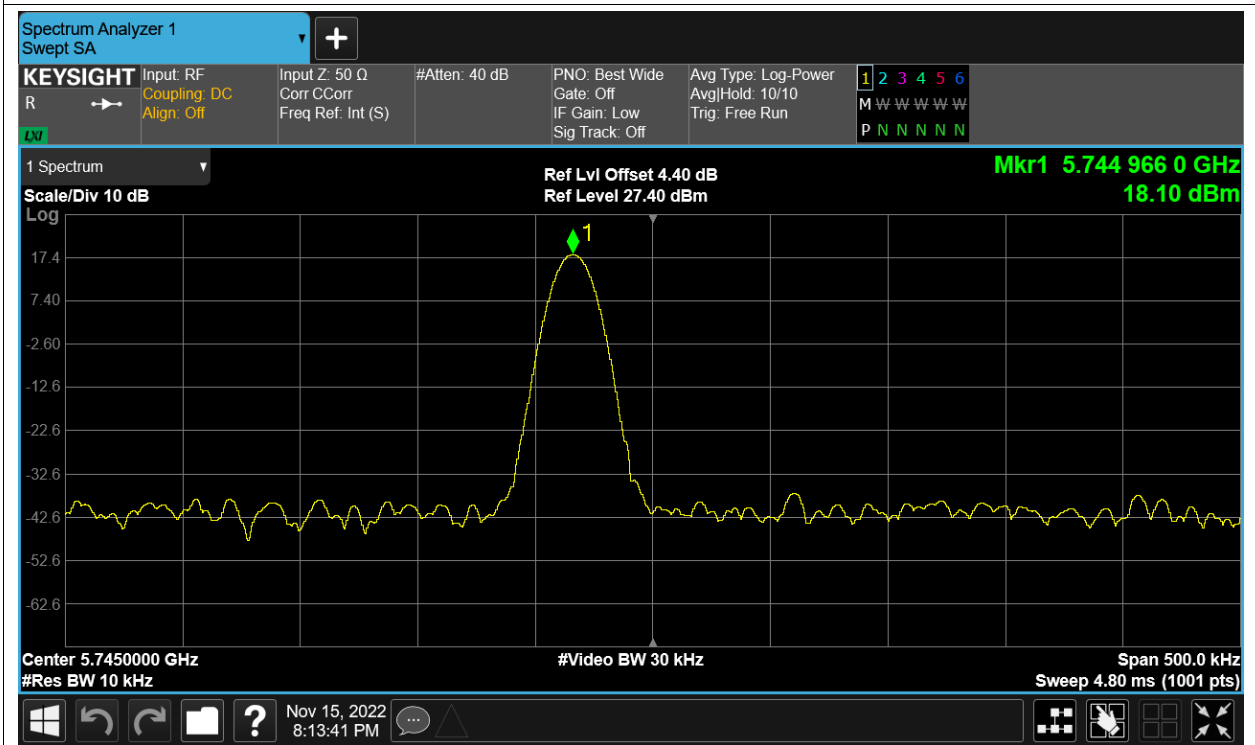
Freq. Stability NVHT ax20 5745MHz Sum



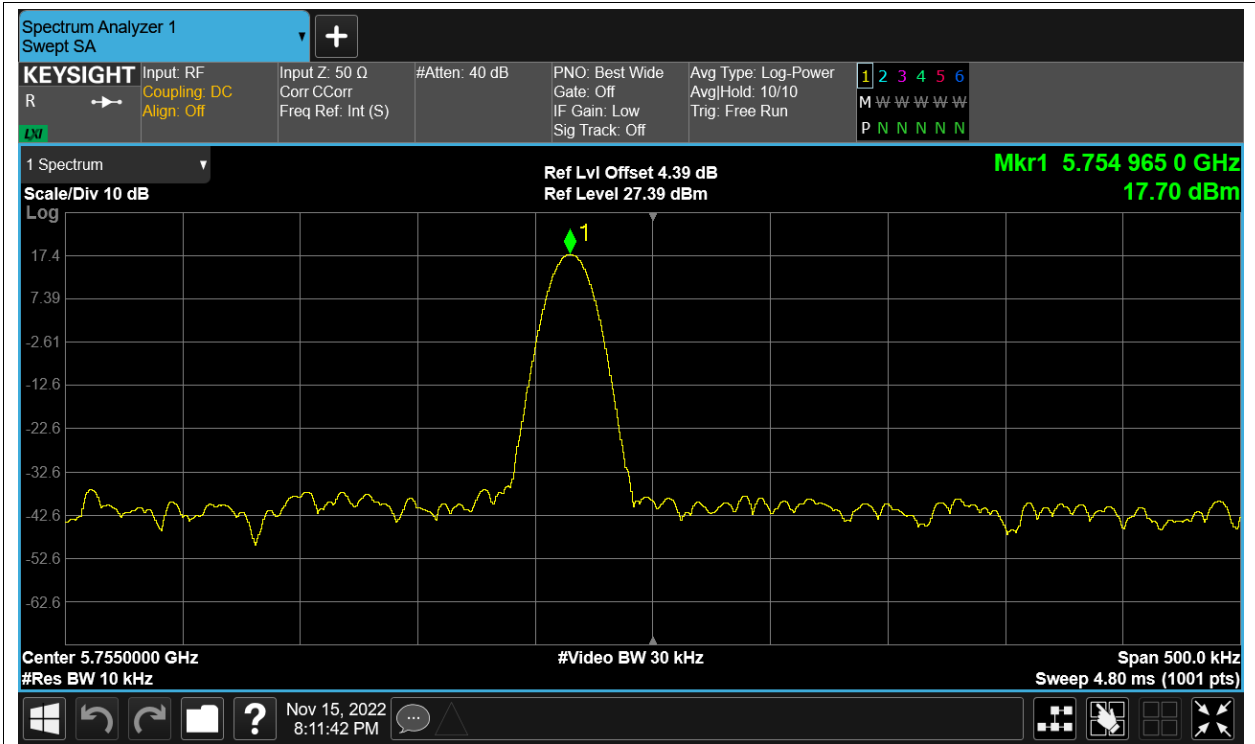
Freq. Stability NVLT ax20 5745MHz Sum



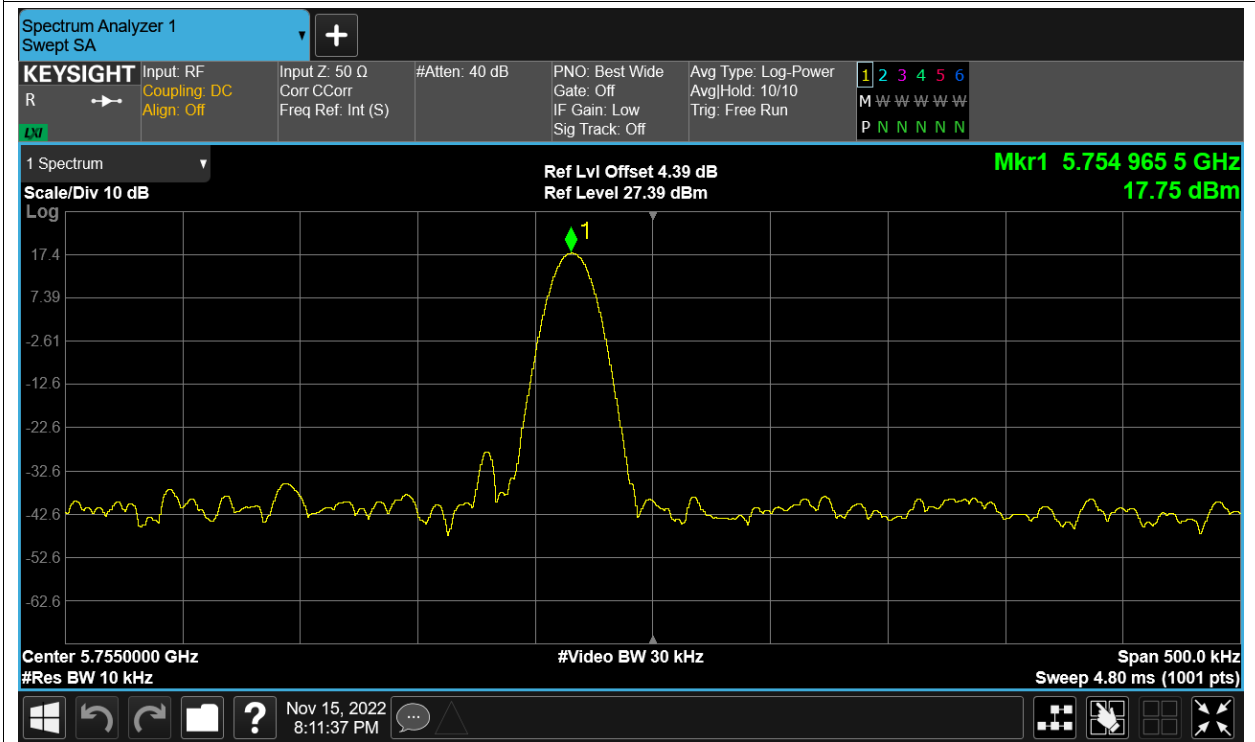
Freq. Stability NVNT ax20 5745MHz Sum



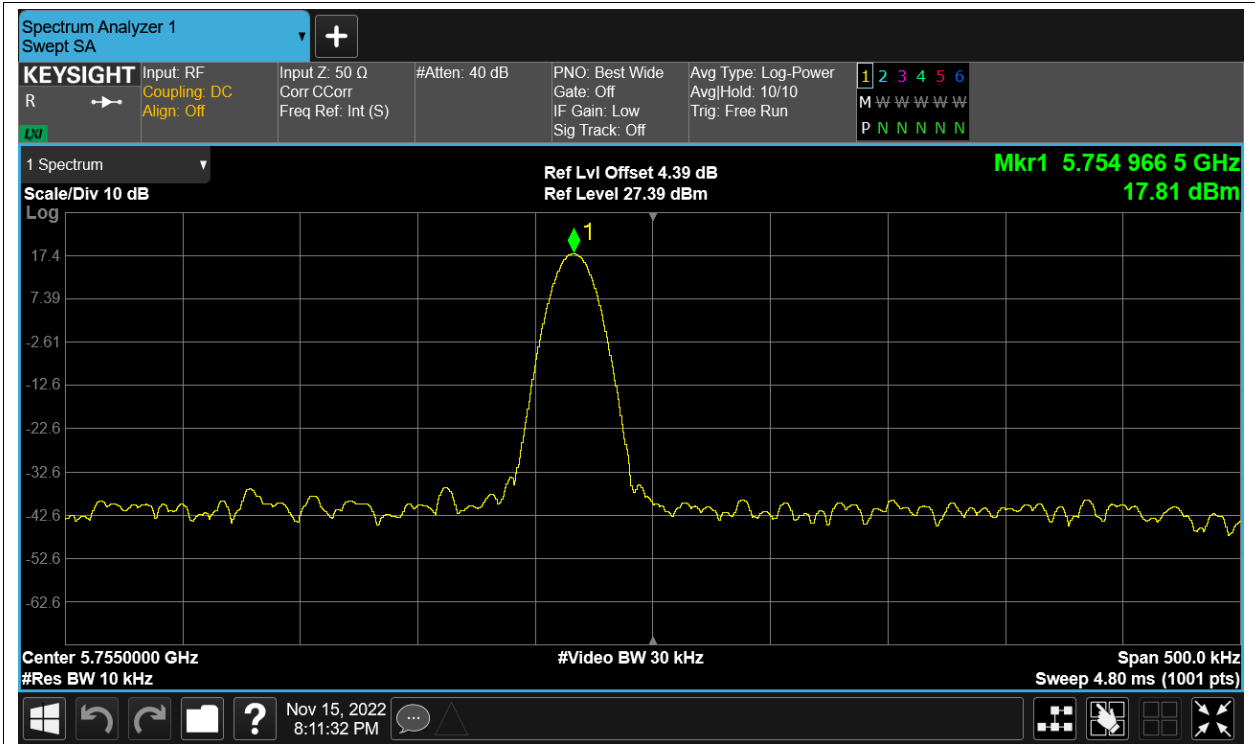
Freq. Stability HVNT ax40 5755MHz Sum



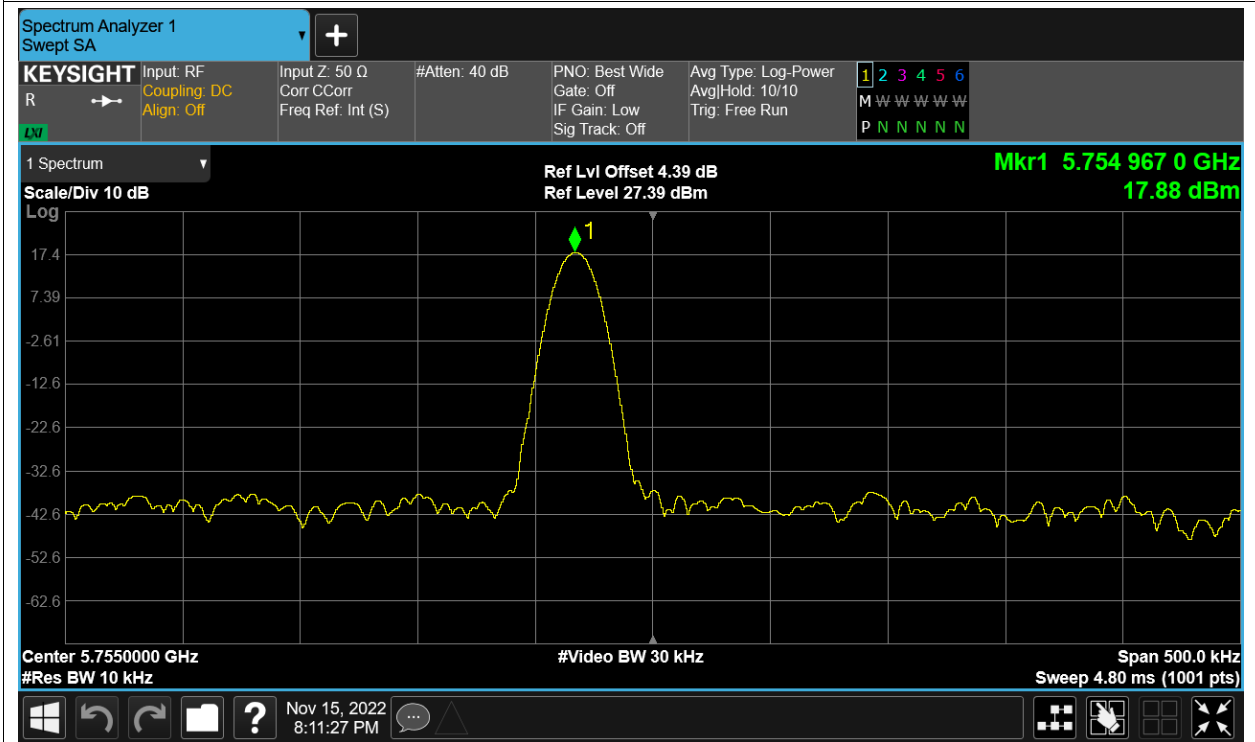
Freq. Stability LVNT ax40 5755MHz Sum



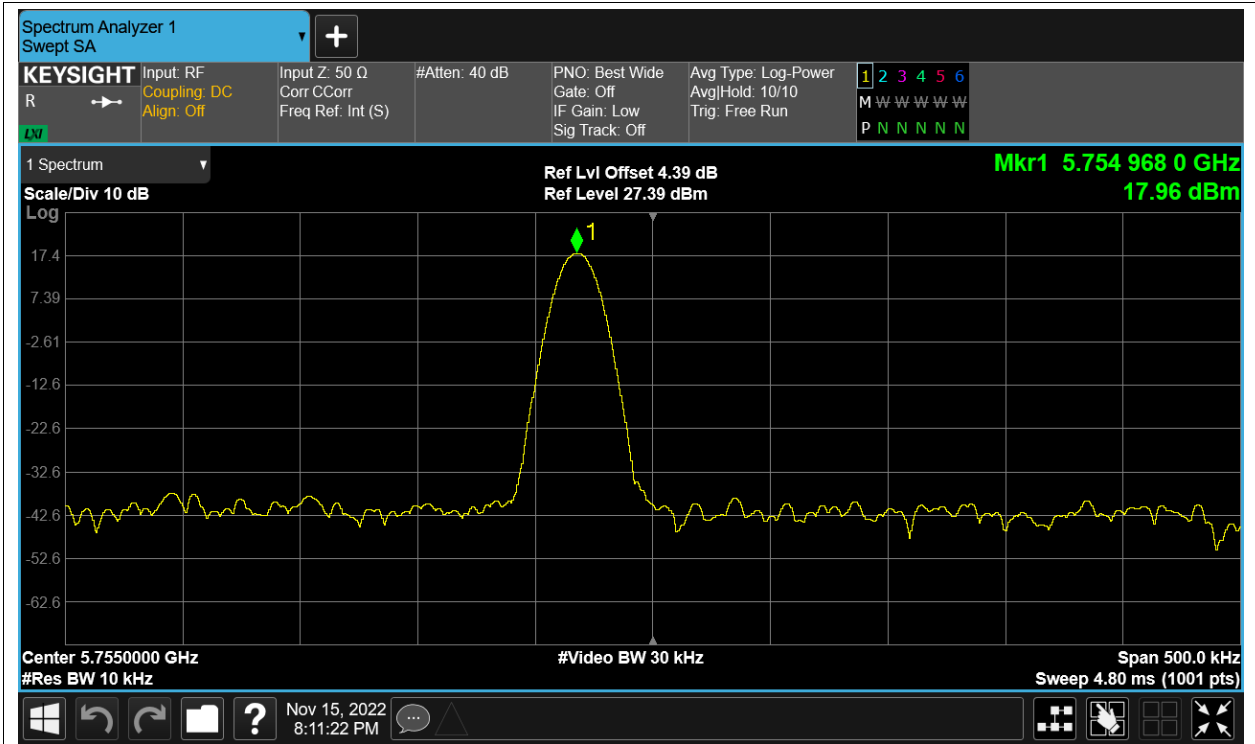
Freq. Stability NVHT ax40 5755MHz Sum



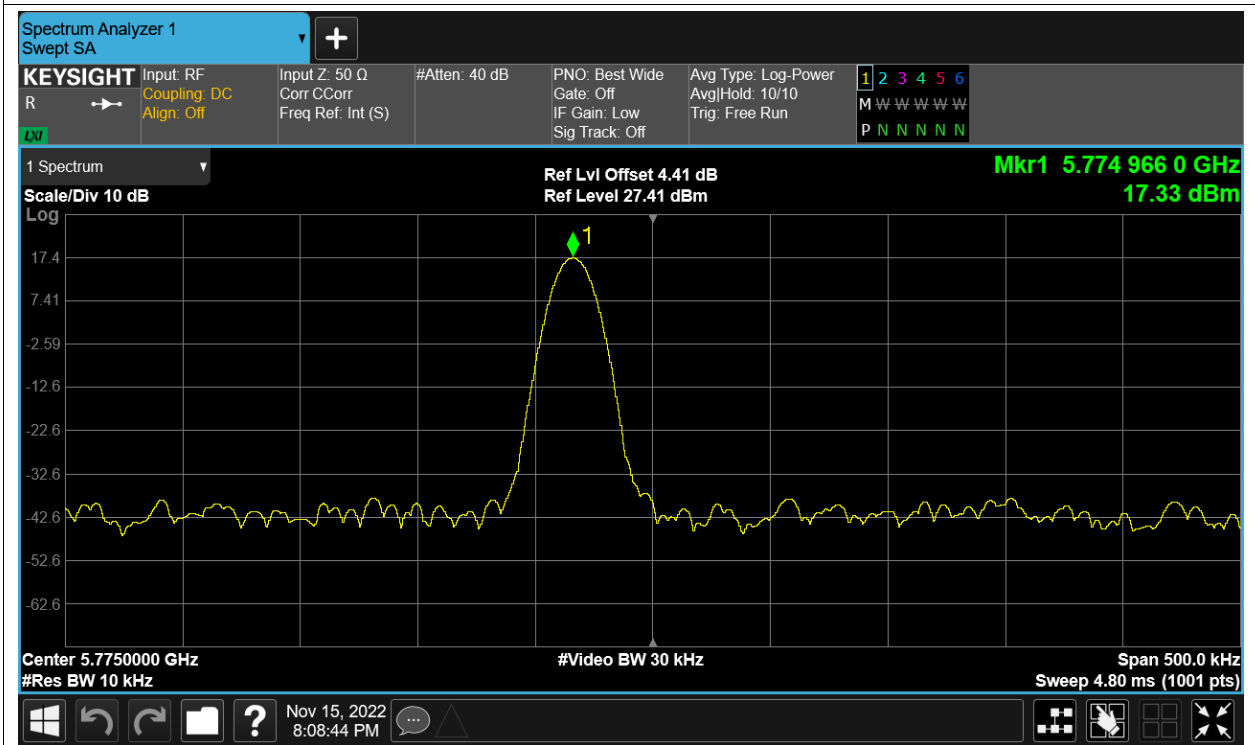
Freq. Stability NVLT ax40 5755MHz Sum



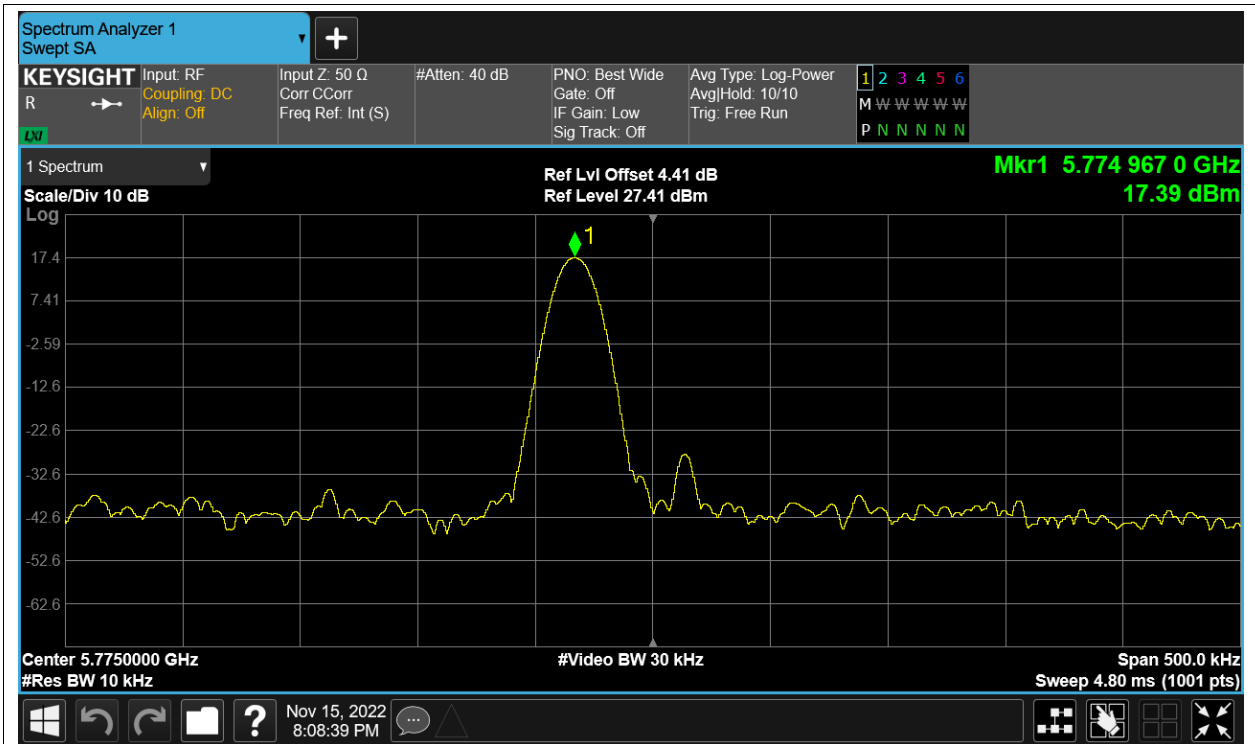
Freq. Stability NVNT ax40 5755MHz Sum



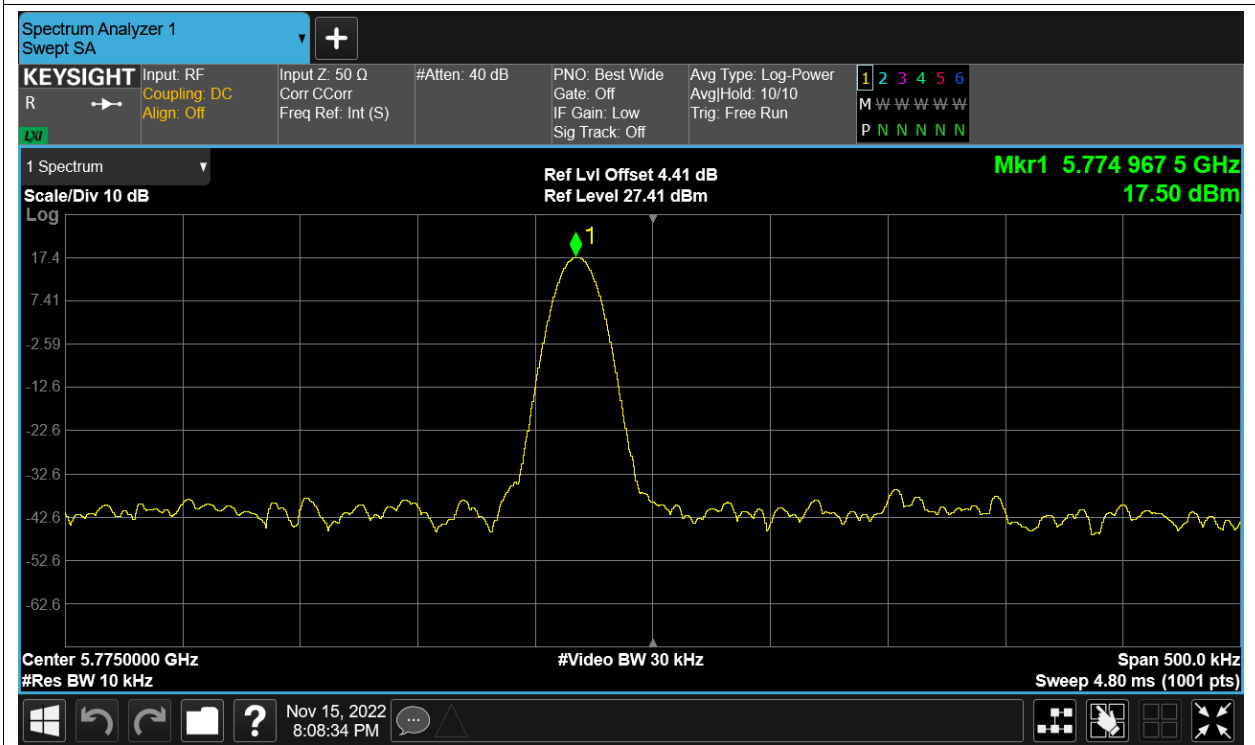
Freq. Stability HVNT ax80 5775MHz Sum



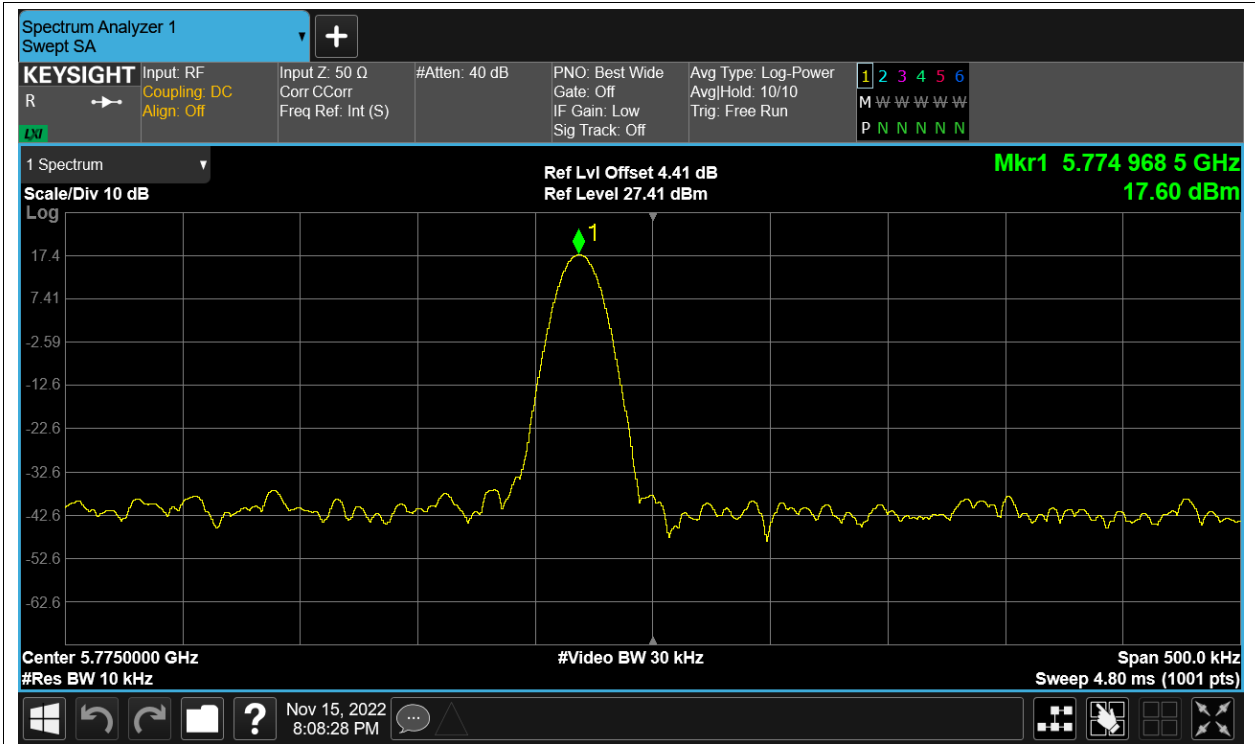
Freq. Stability LVNT ax80 5775MHz Sum



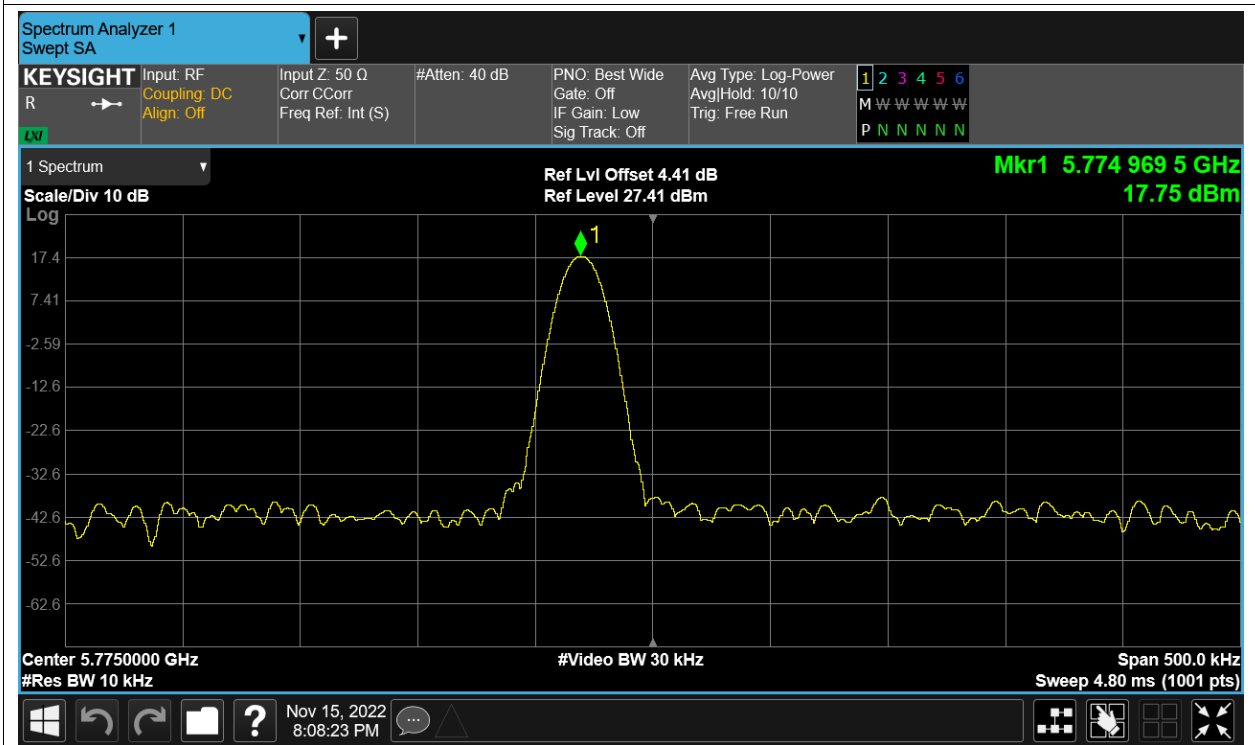
Freq. Stability NVHT ax80 5775MHz Sum



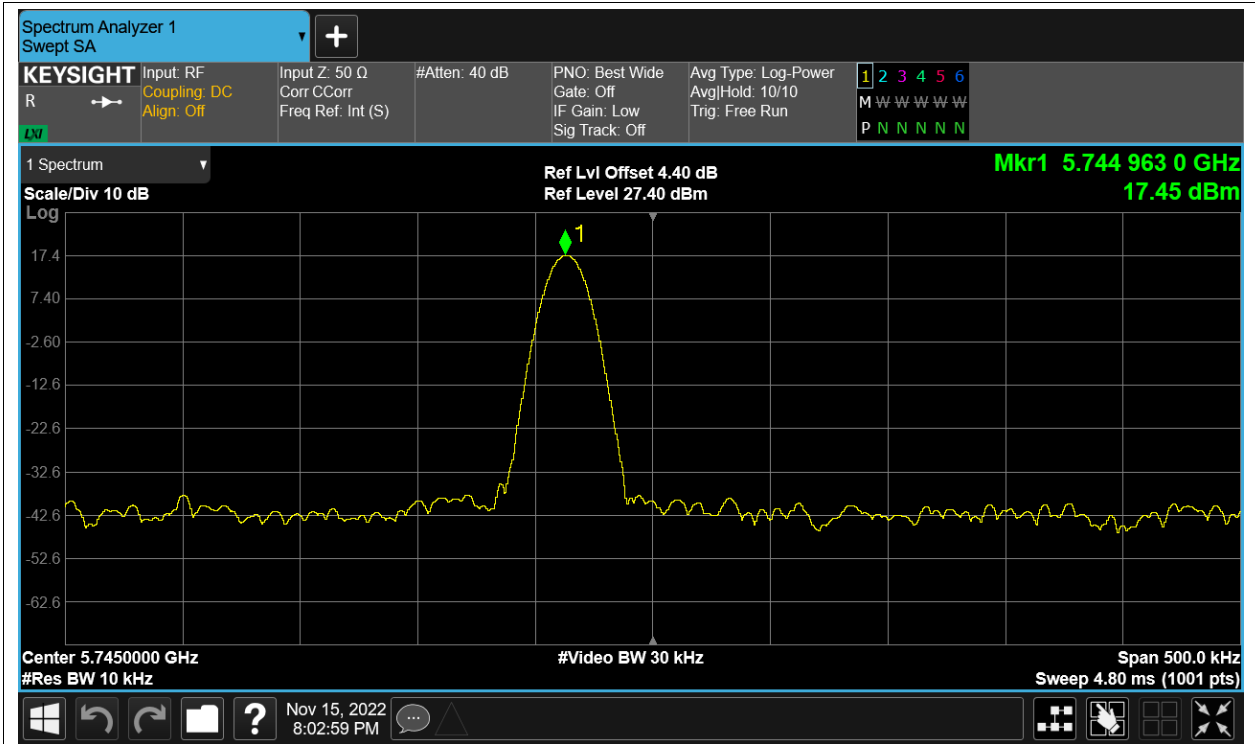
Freq. Stability NVLT ax80 5775MHz Sum



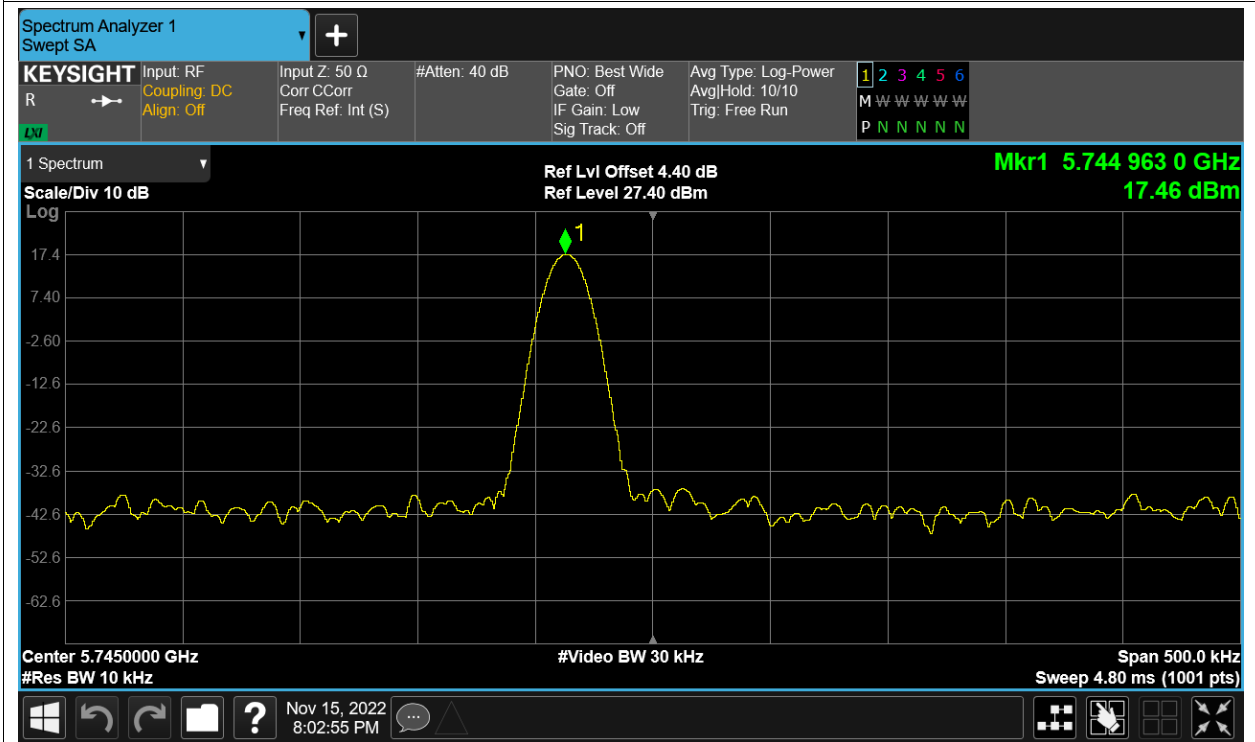
Freq. Stability NVNT ax80 5775MHz Sum



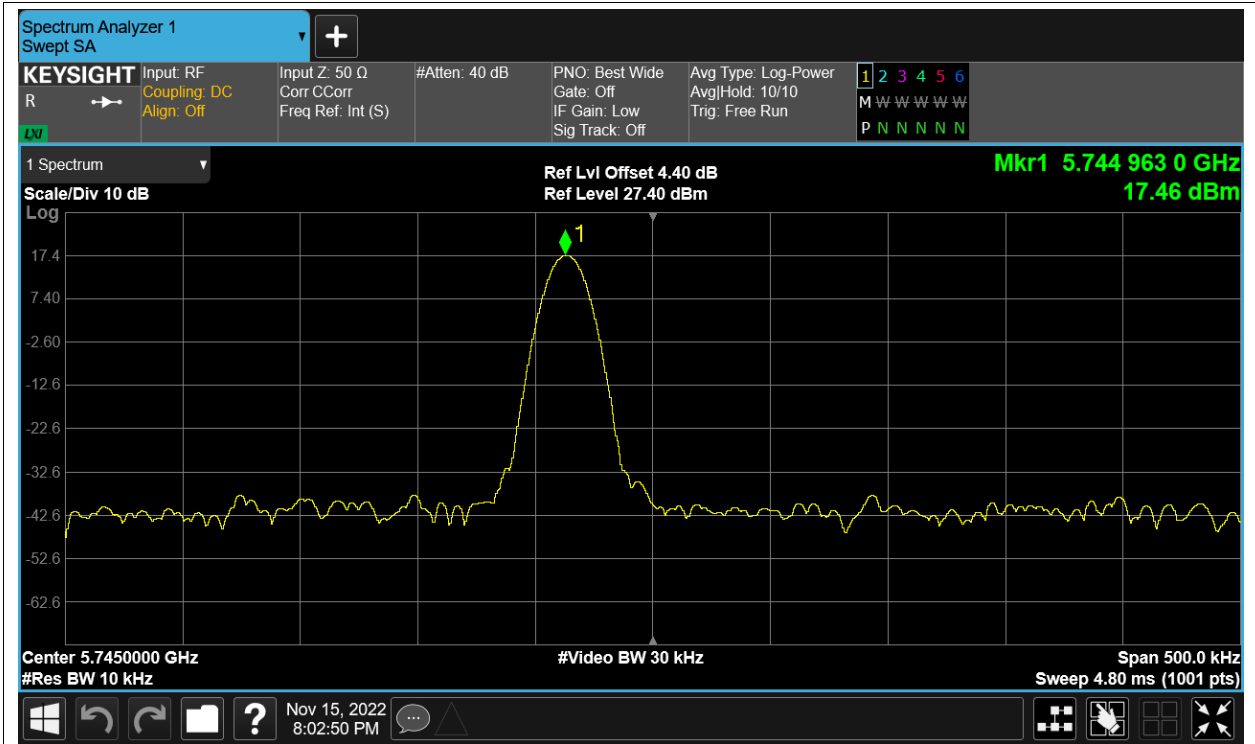
Freq. Stability HVNT n20 5745MHz Sum



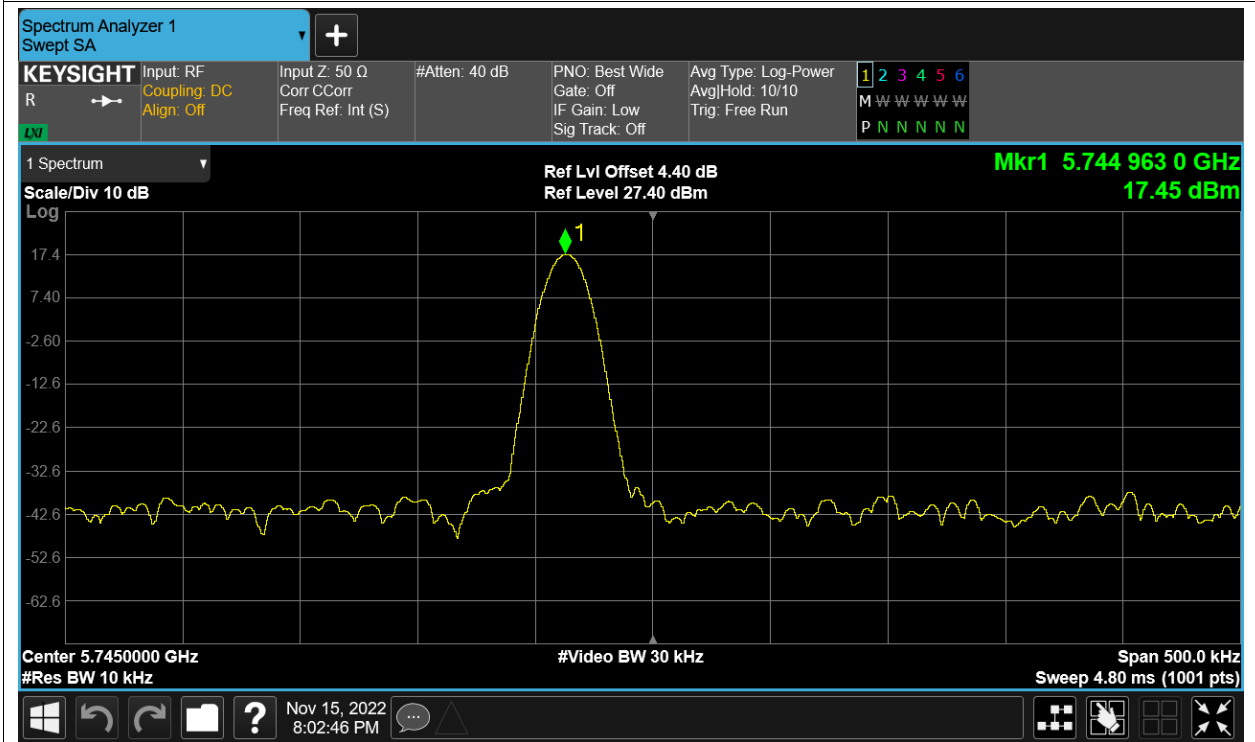
Freq. Stability LVNT n20 5745MHz Sum



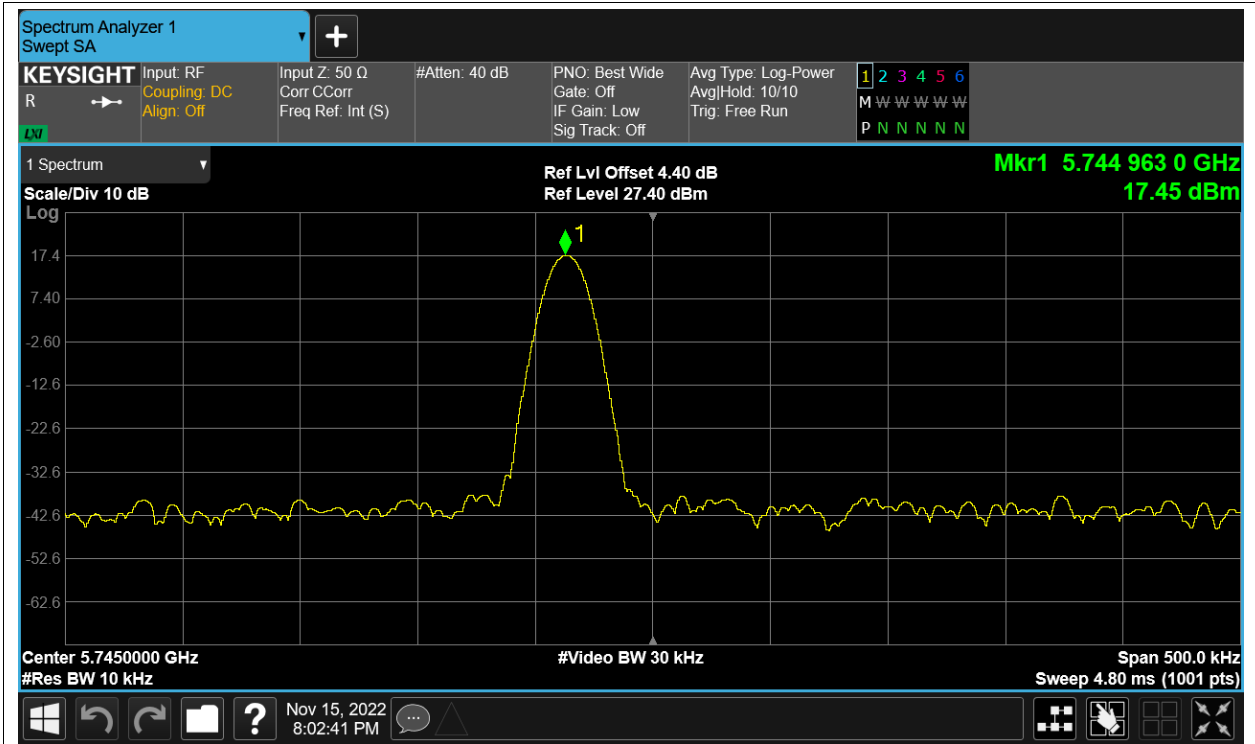
Freq. Stability NVHT n20 5745MHz Sum



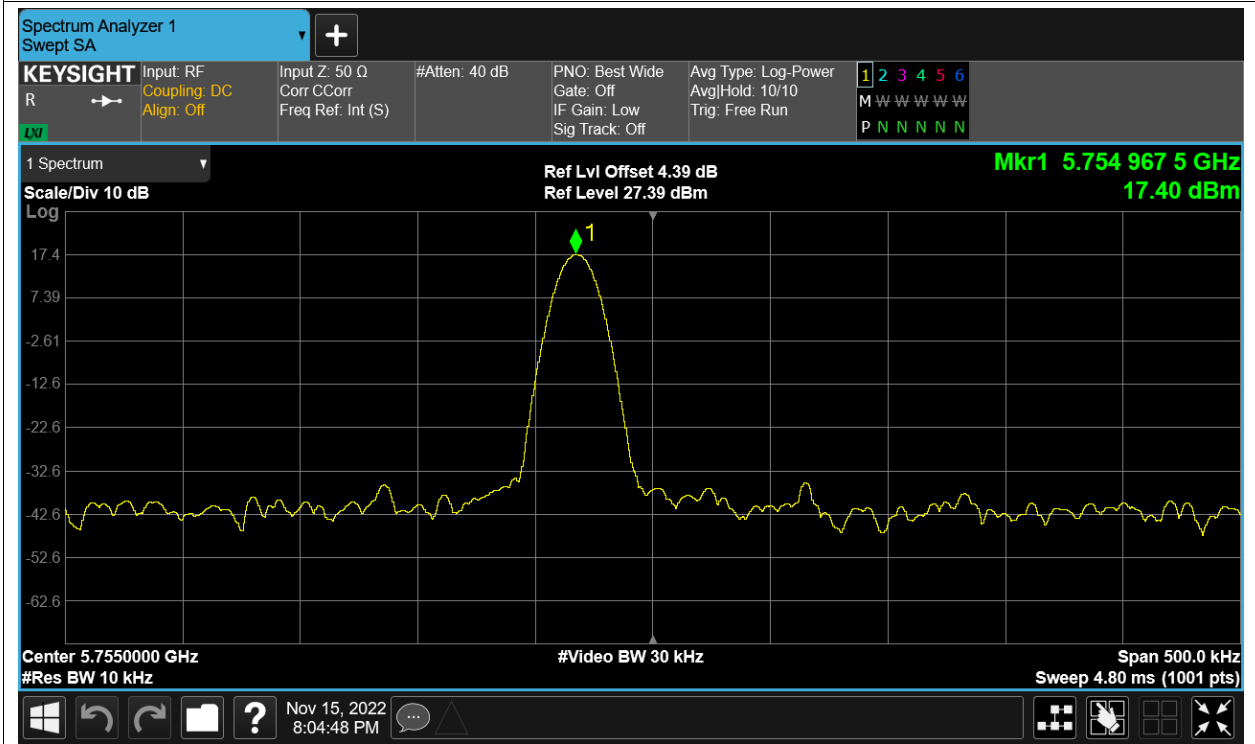
Freq. Stability NVLT n20 5745MHz Sum



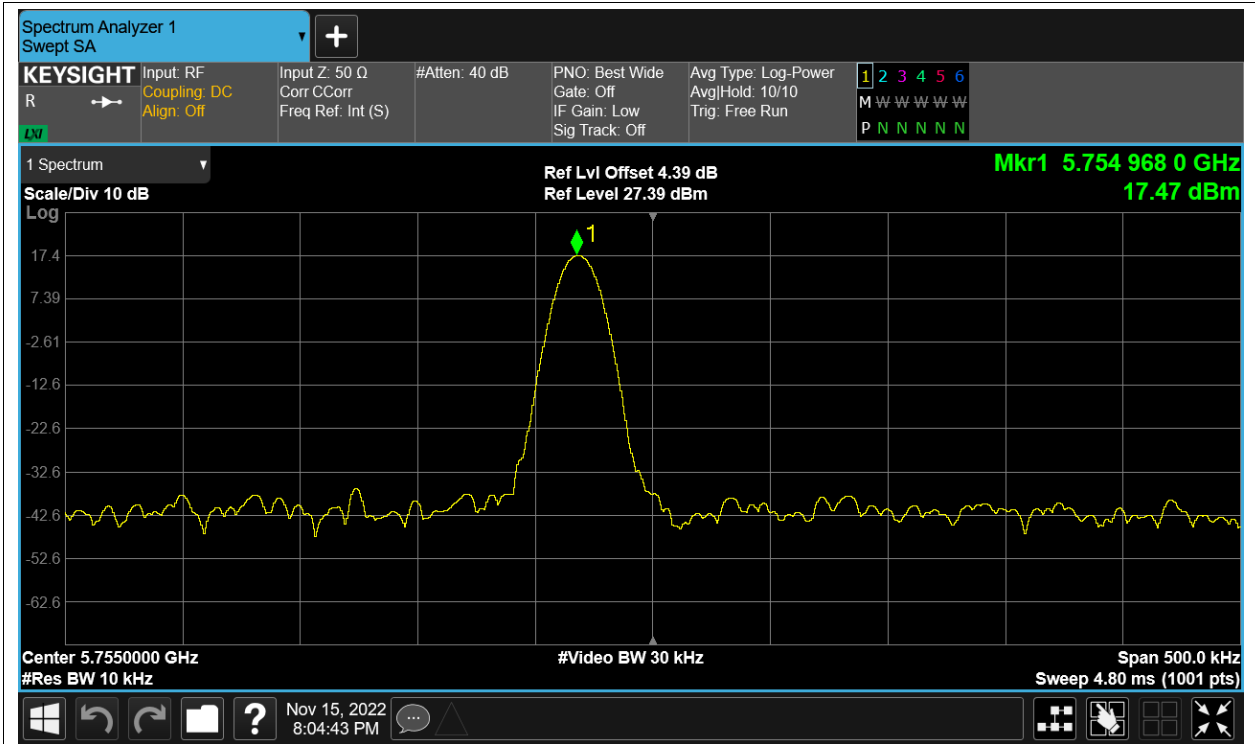
Freq. Stability NVNT n20 5745MHz Sum



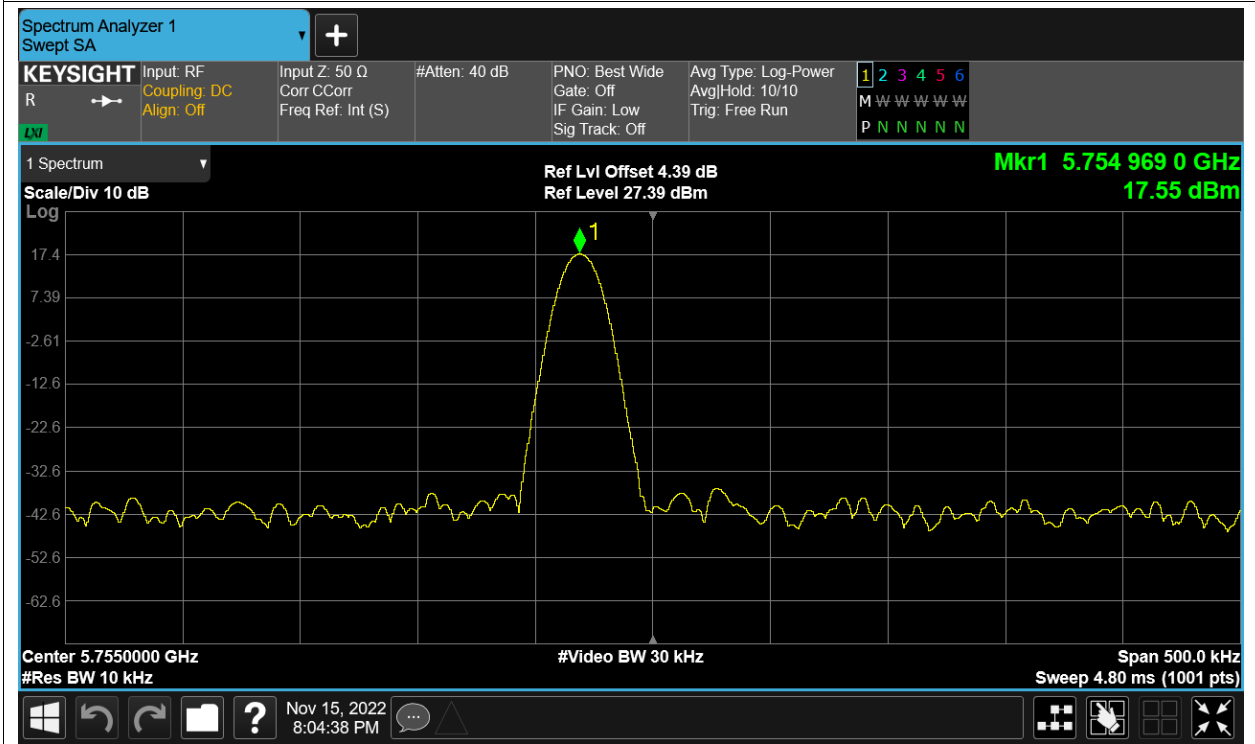
Freq. Stability HVNT n40 5755MHz Sum



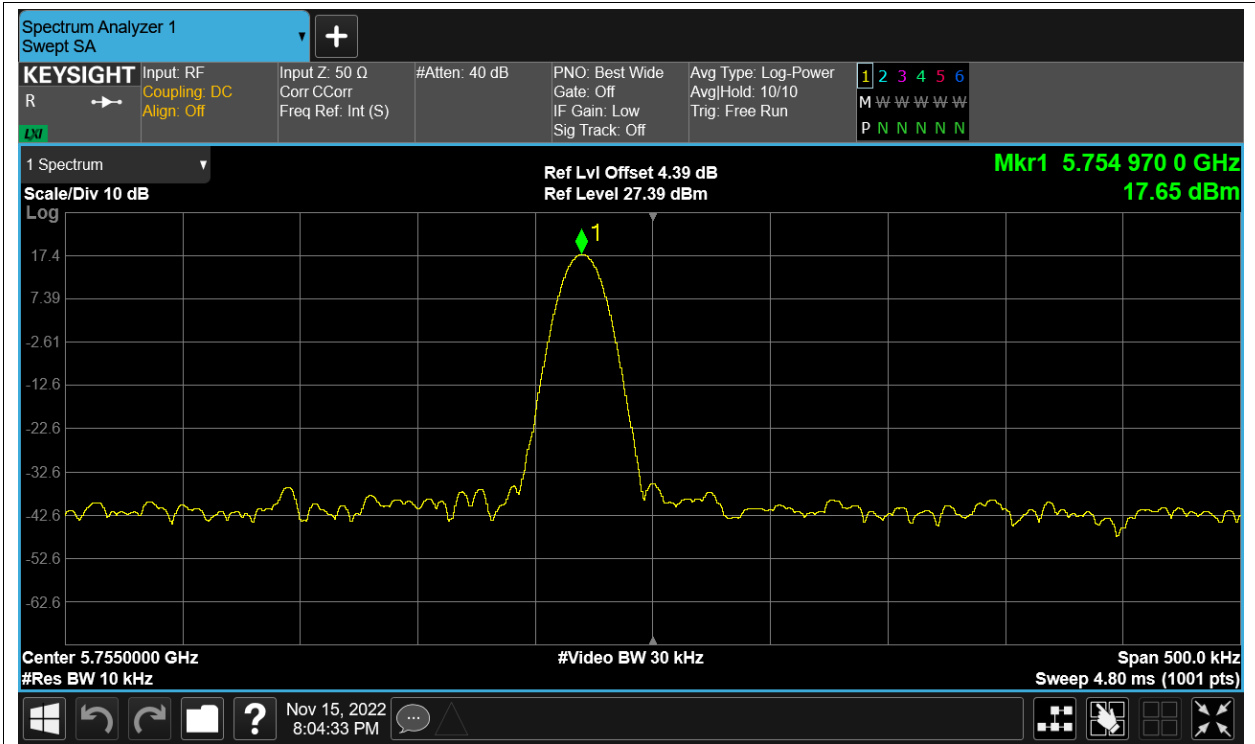
Freq. Stability LVNT n40 5755MHz Sum



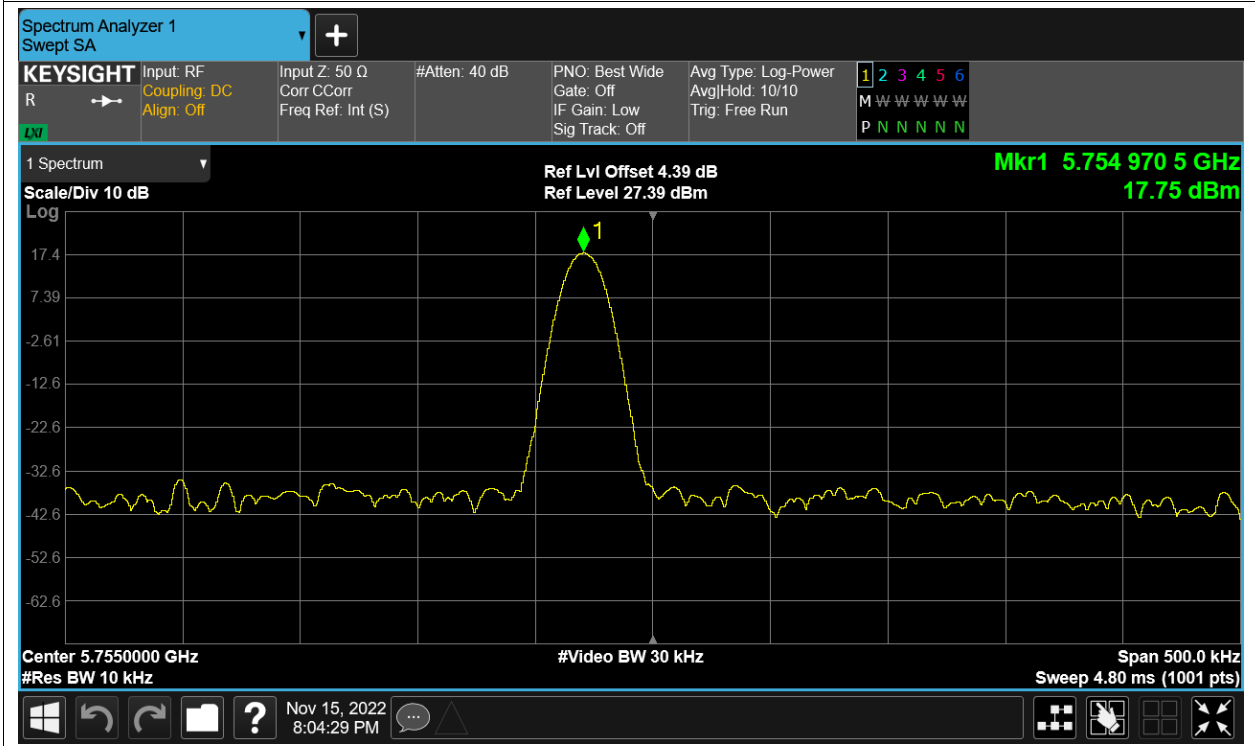
Freq. Stability NVHT n40 5755MHz Sum



Freq. Stability NVLT n40 5755MHz Sum



Freq. Stability NVNT n40 5755MHz Sum

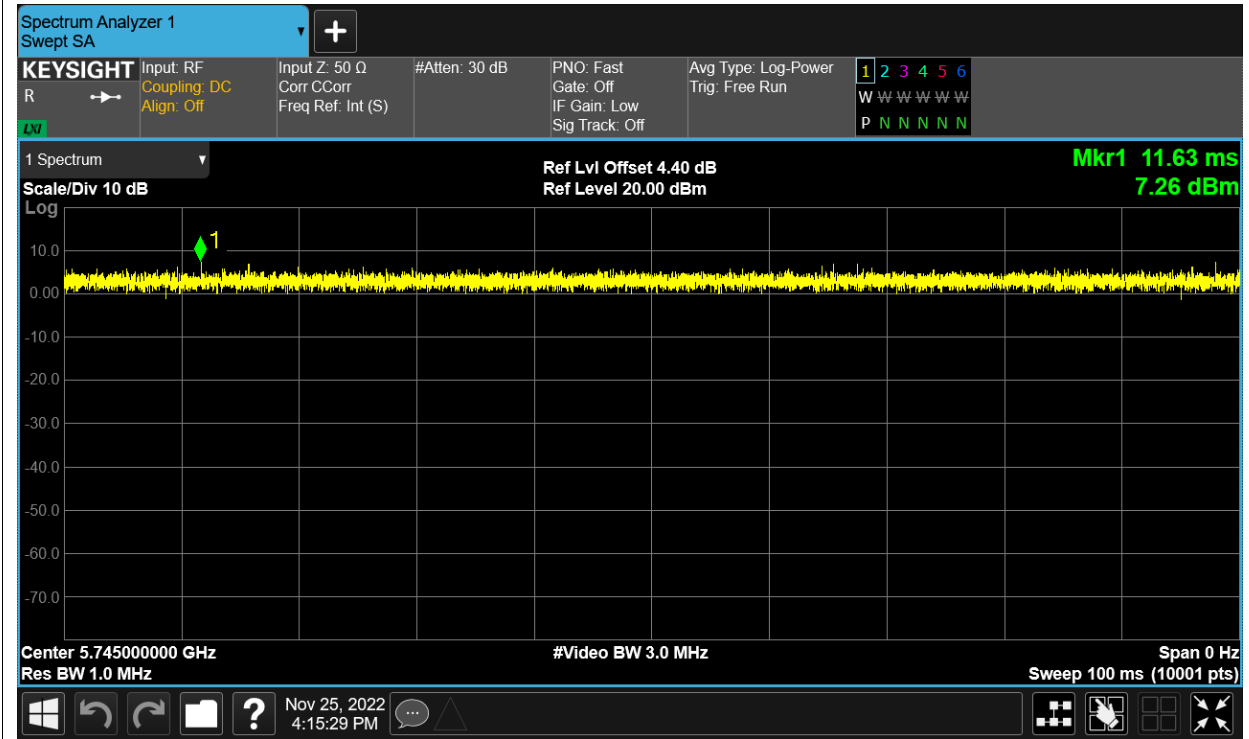


Duty Cycle

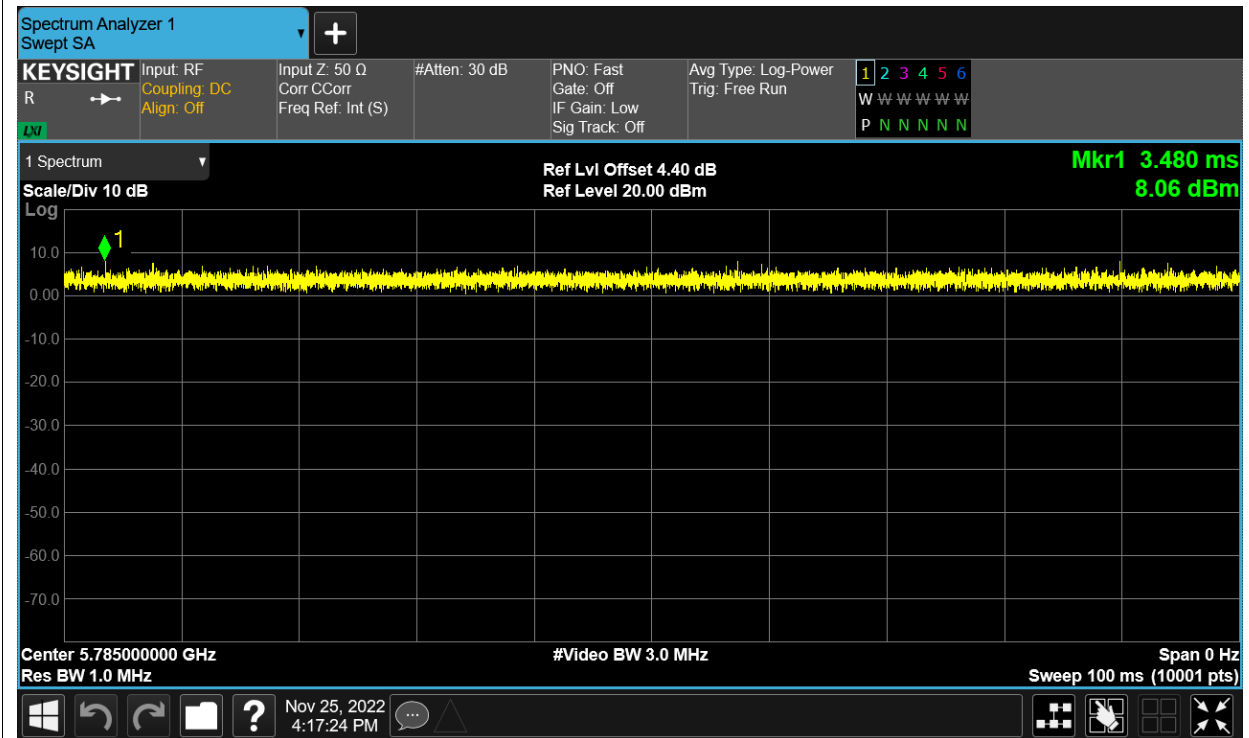
Condition	Mode	Frequency (MHz)	Antenna	Duty Cycle (%)	Correction Factor (dB)
NVNT	a	5745	Ant23	100	0
NVNT	a	5785	Ant23	100	0
NVNT	a	5825	Ant23	100	0
NVNT	a	5745	Ant24	100	0
NVNT	a	5785	Ant24	100	0
NVNT	a	5825	Ant24	100	0
NVNT	ac20	5745	Sum	100	0
NVNT	ac20	5785	Sum	100	0
NVNT	ac20	5825	Sum	100	0
NVNT	ac40	5755	Sum	100	0
NVNT	ac40	5795	Sum	100	0
NVNT	ac80	5775	Sum	100	0
NVNT	ax20	5745	Sum	100	0
NVNT	ax20	5785	Sum	100	0
NVNT	ax20	5825	Sum	100	0
NVNT	ax40	5755	Sum	100	0
NVNT	ax40	5795	Sum	100	0
NVNT	ax80	5775	Sum	100	0
NVNT	n20	5745	Sum	100	0
NVNT	n20	5785	Sum	100	0
NVNT	n20	5825	Sum	100	0
NVNT	n40	5755	Sum	100	0
NVNT	n40	5795	Sum	100	0

Test Graphs

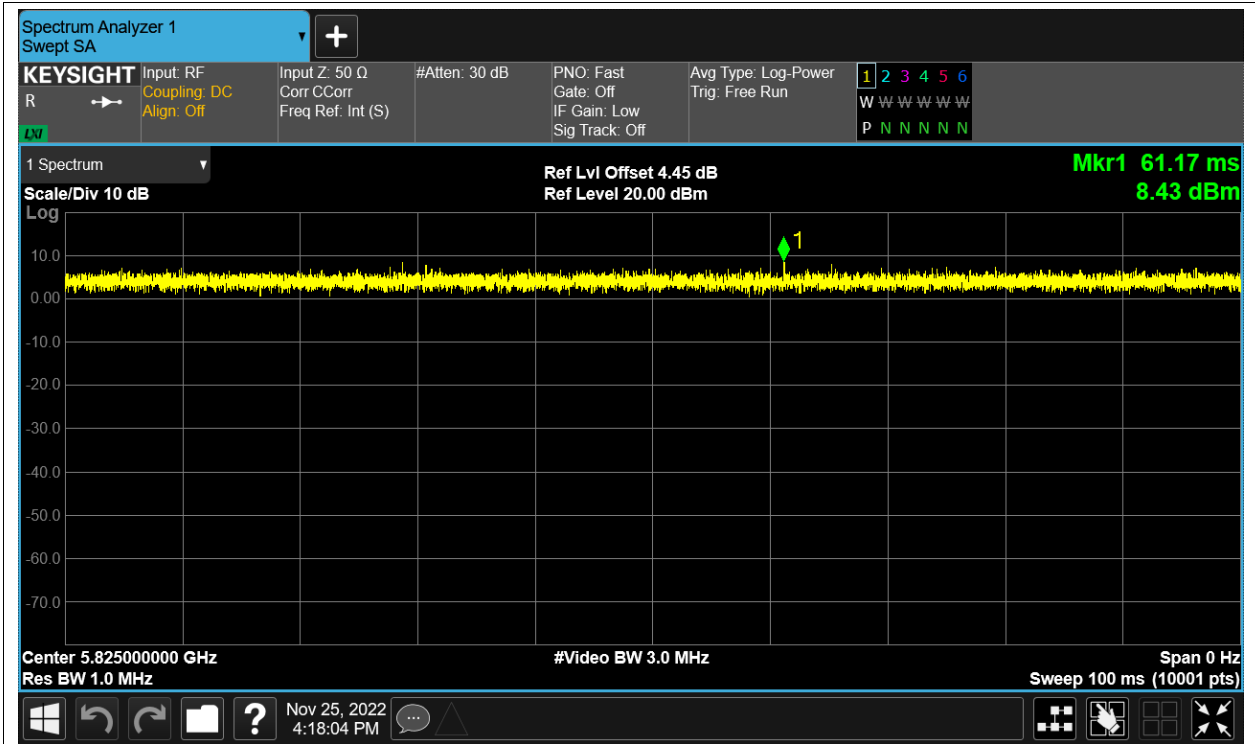
Duty Cycle NVNT a 5745MHz Ant23



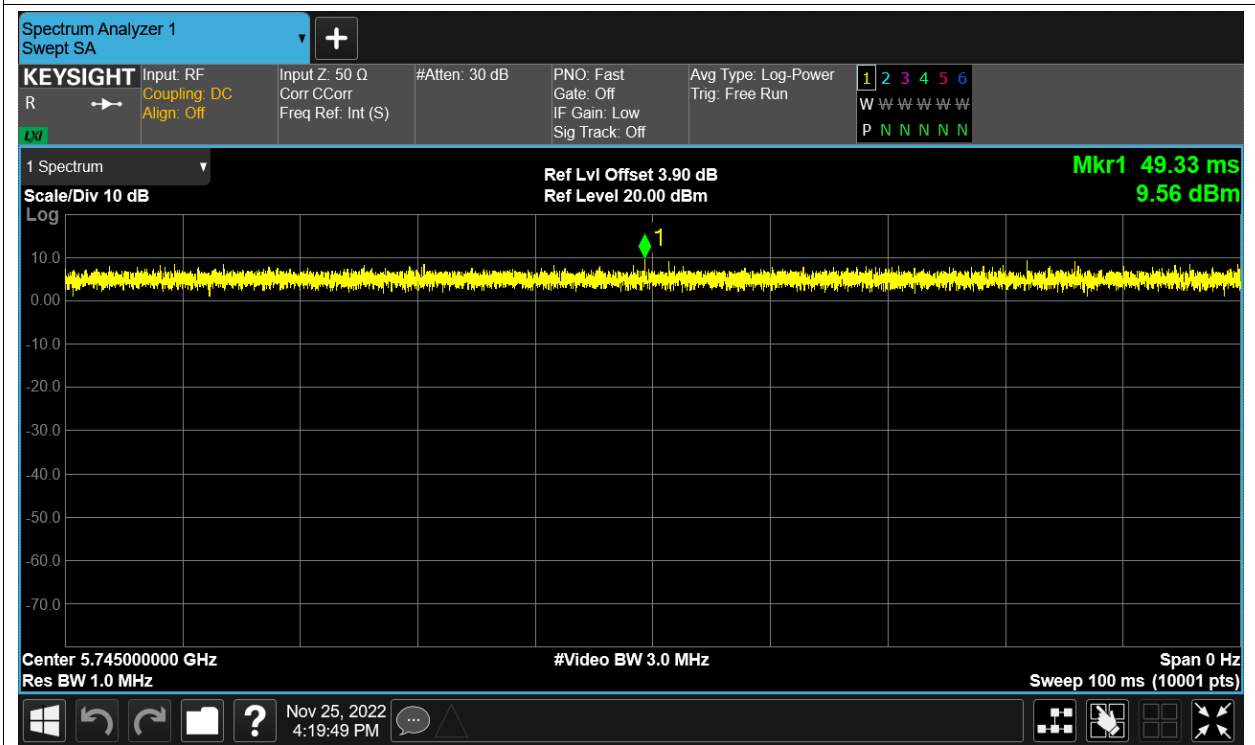
Duty Cycle NVNT a 5785MHz Ant23



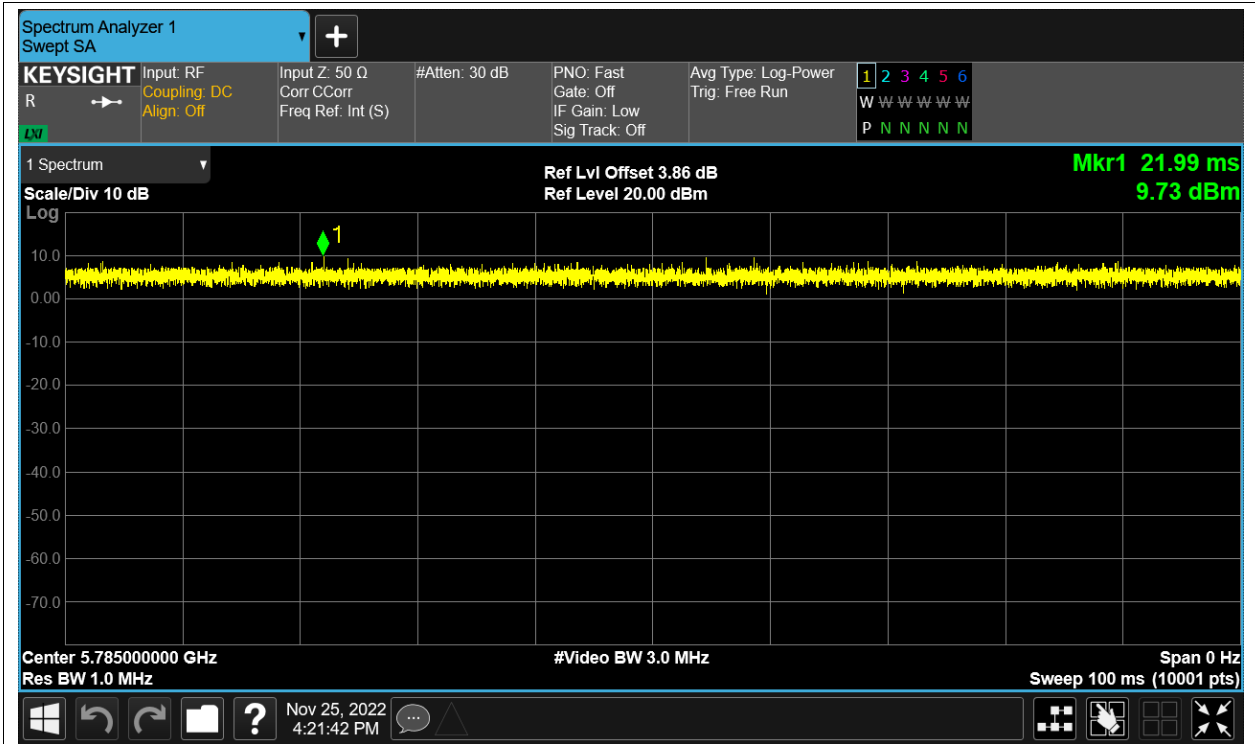
Duty Cycle NVNT a 5825MHz Ant23



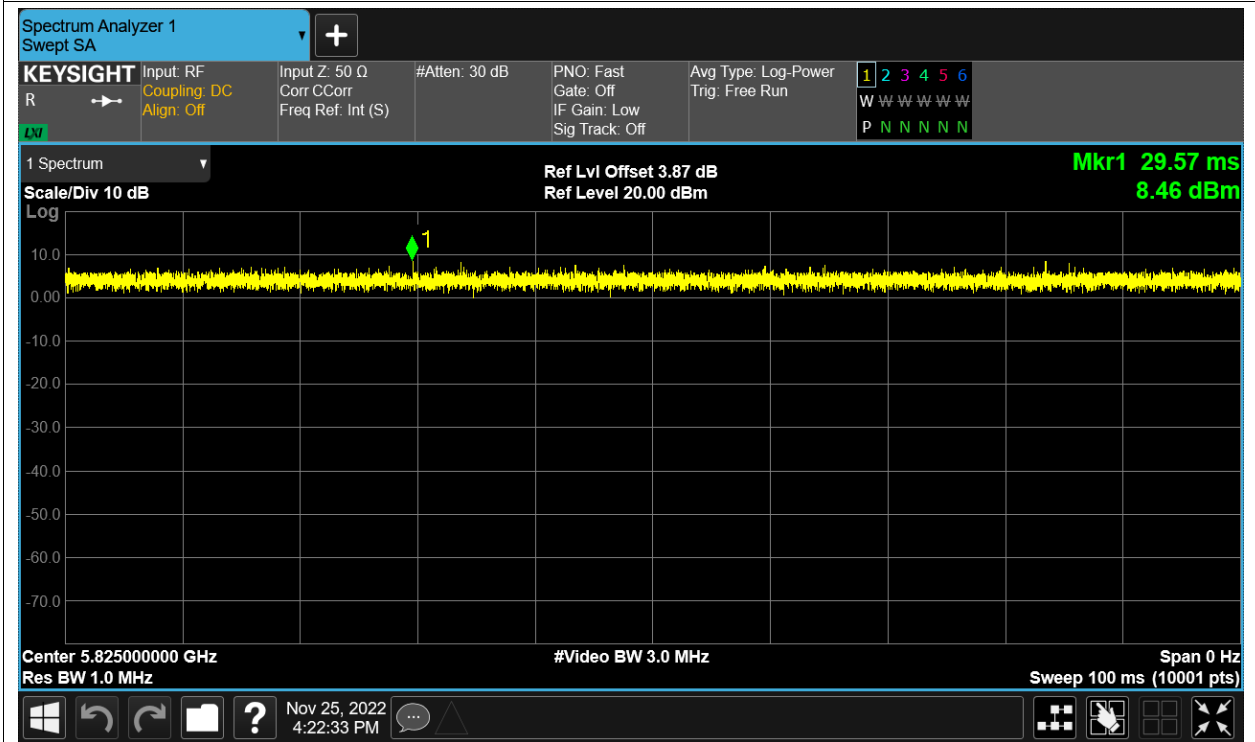
Duty Cycle NVNT a 5745MHz Ant24



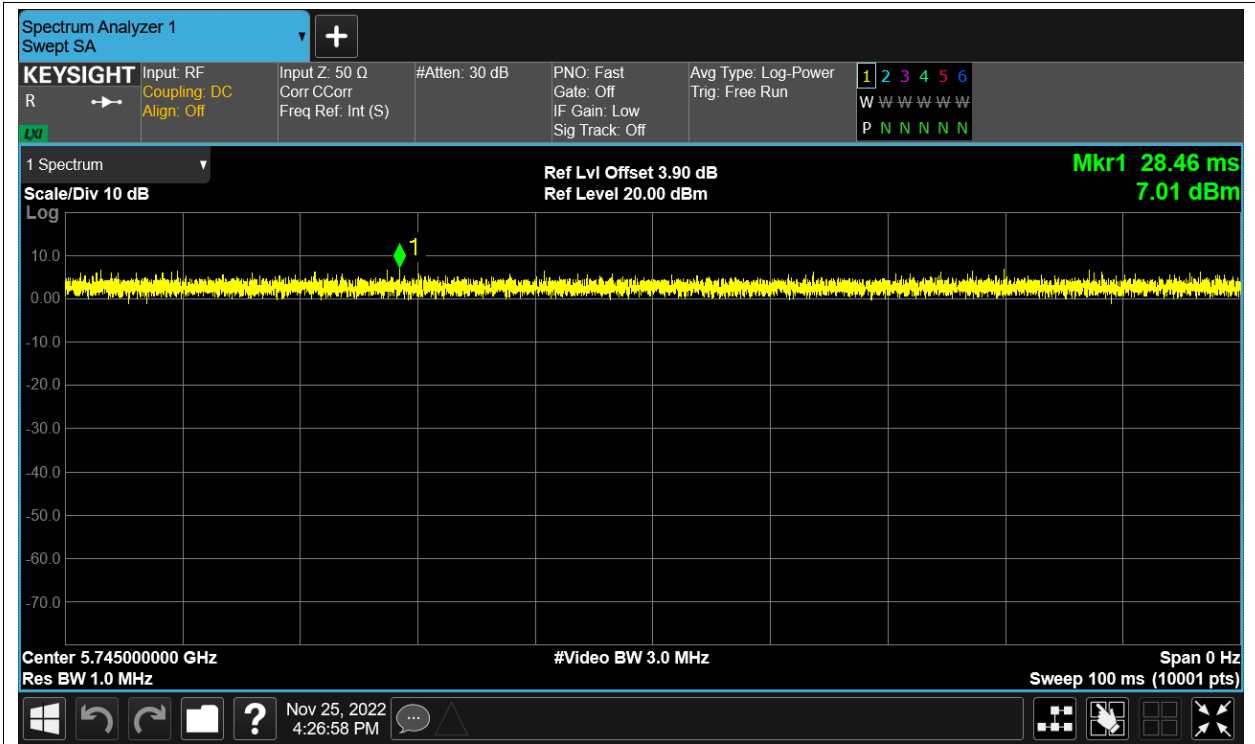
Duty Cycle NVNT a 5785MHz Ant24



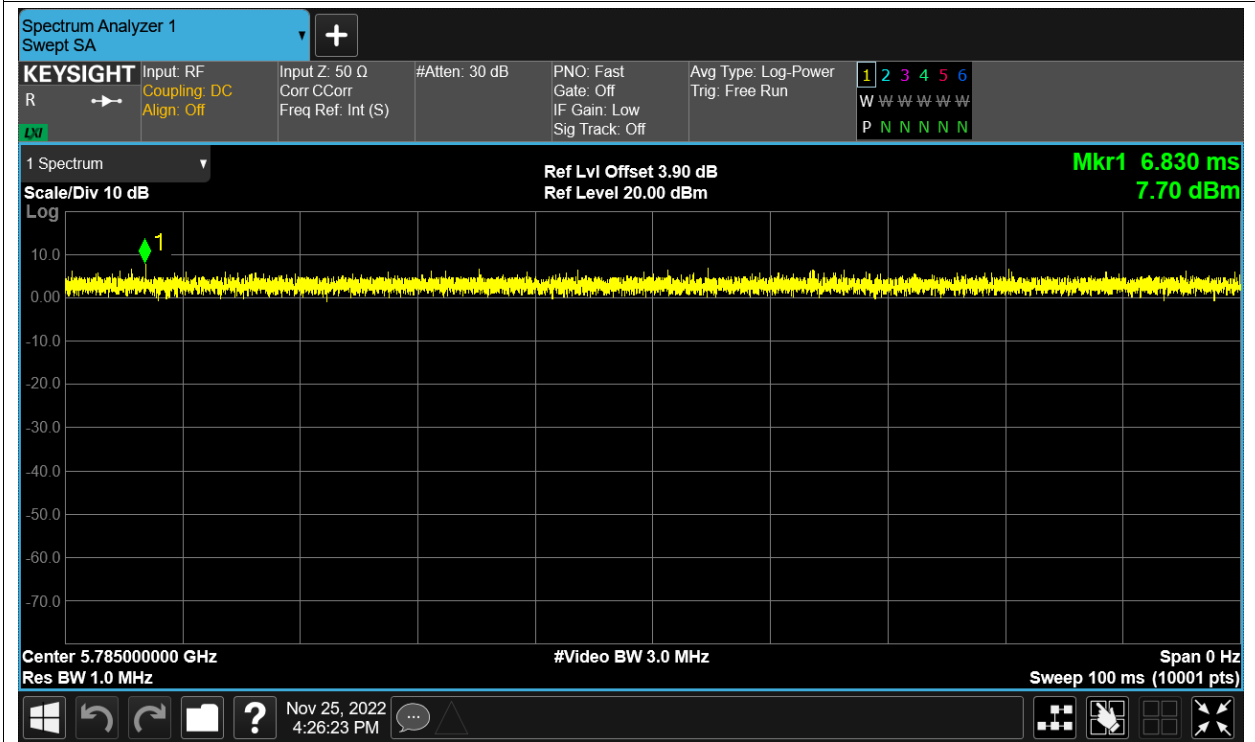
Duty Cycle NVNT a 5825MHz Ant24



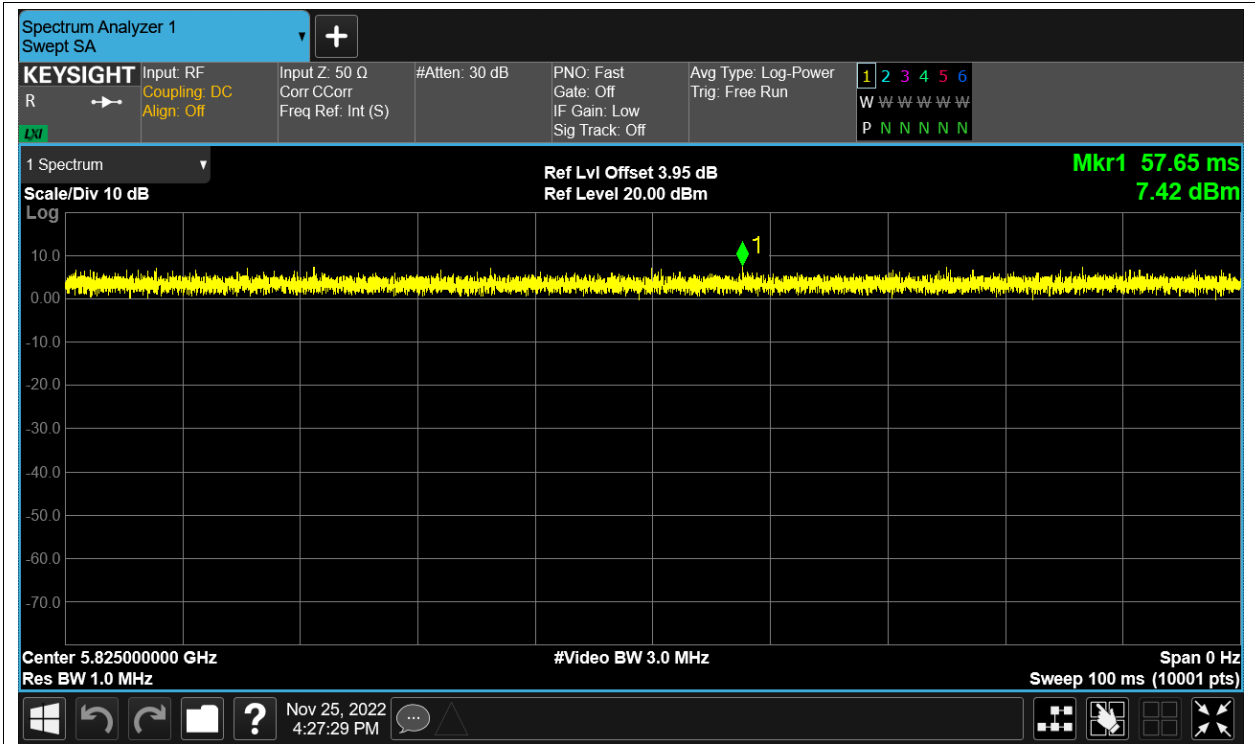
Duty Cycle NVNT ac20 5745MHz Sum



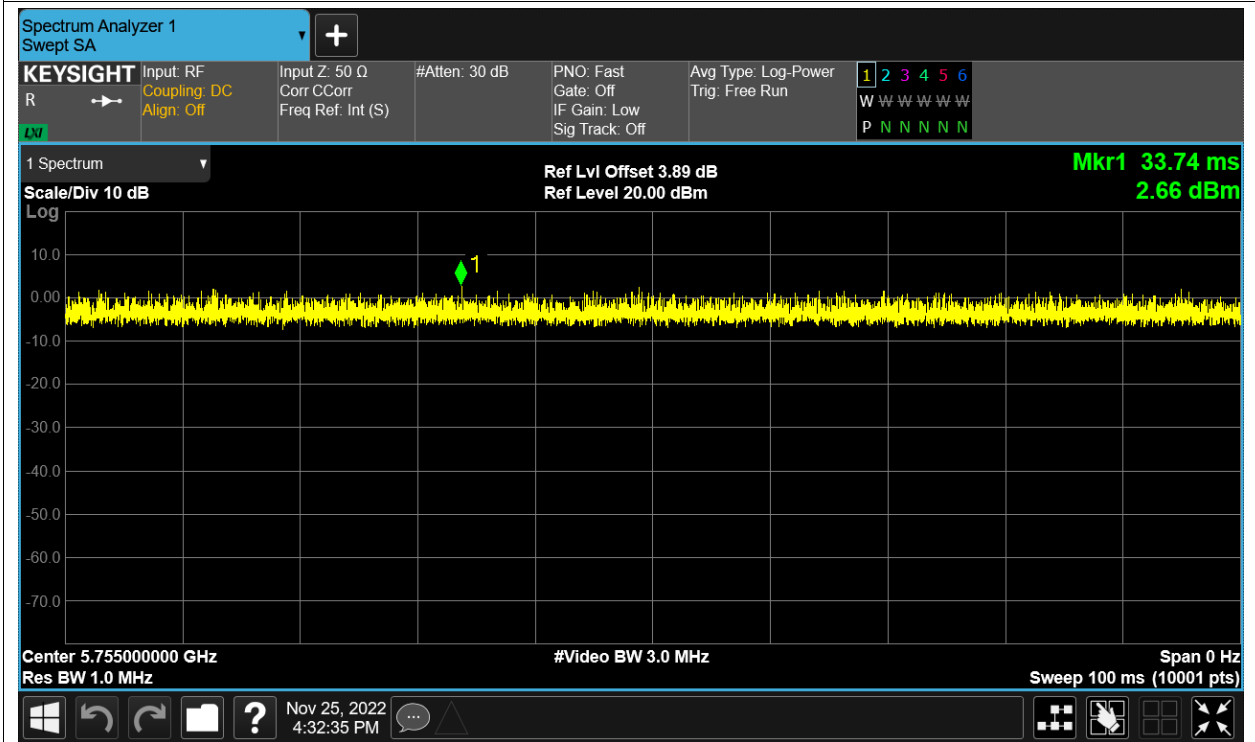
Duty Cycle NVNT ac20 5785MHz Sum



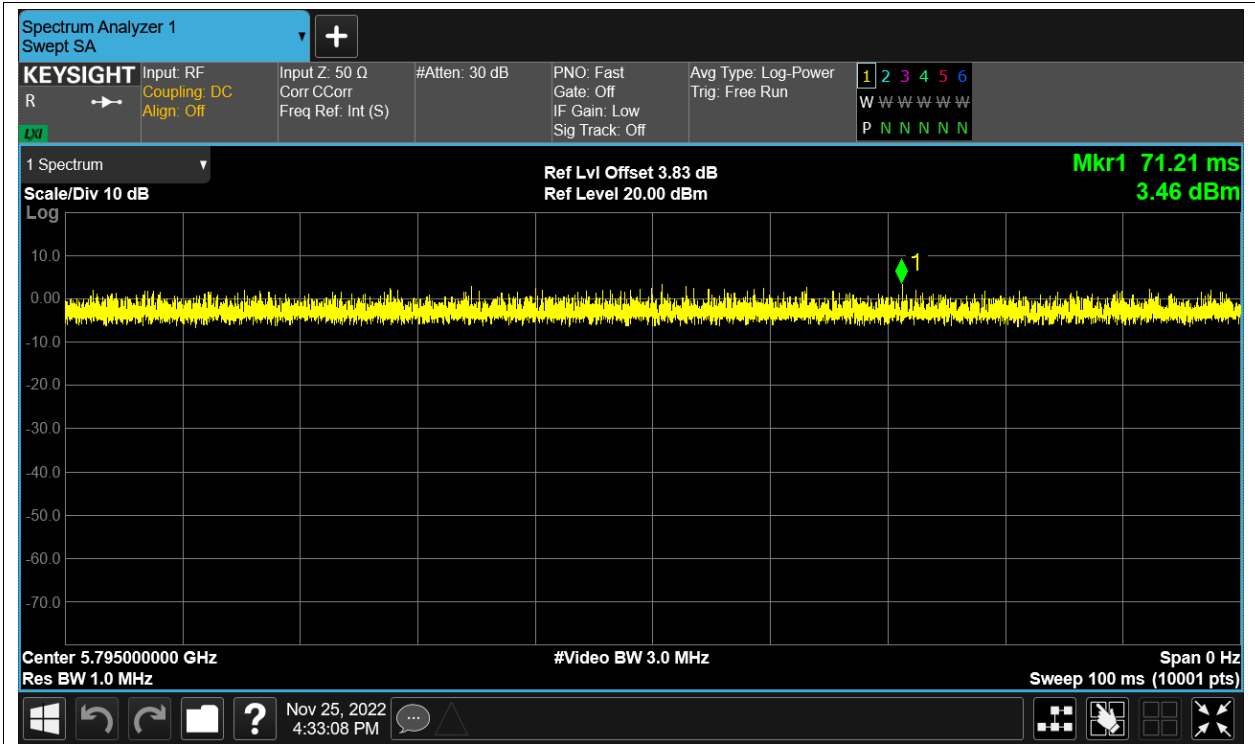
Duty Cycle NVNT ac20 5825MHz Sum



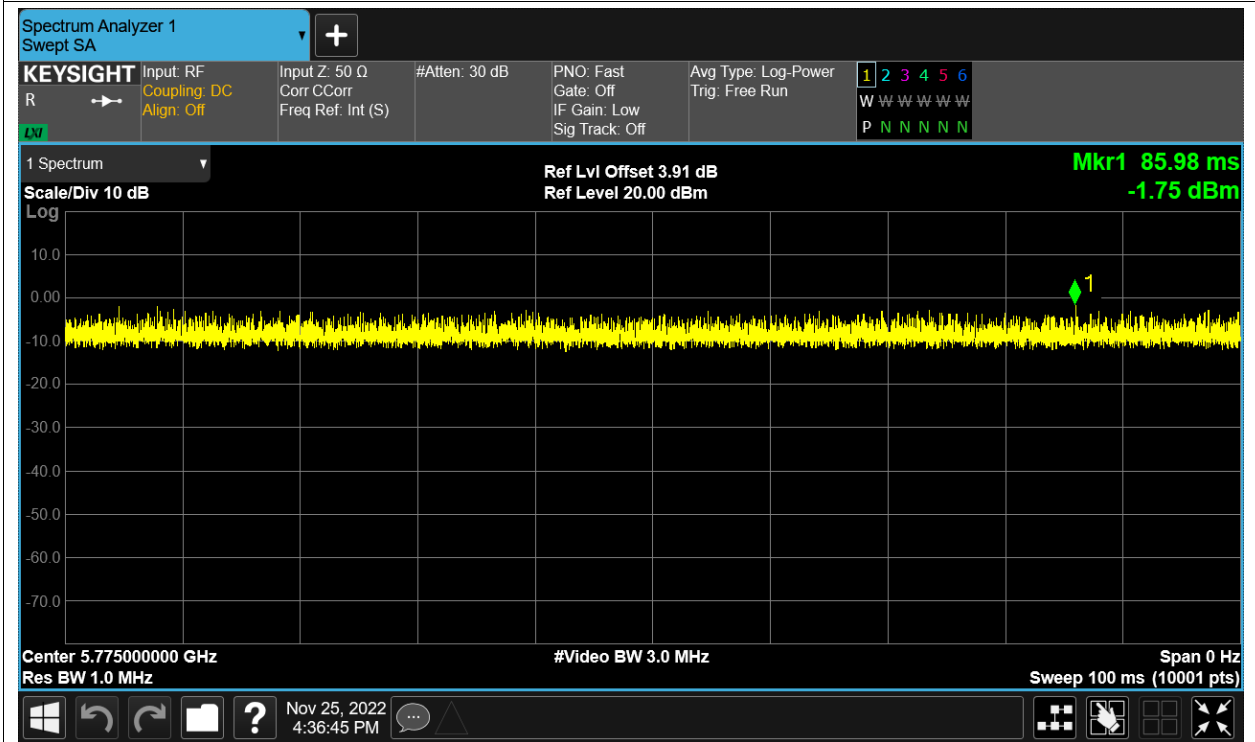
Duty Cycle NVNT ac40 5755MHz Sum



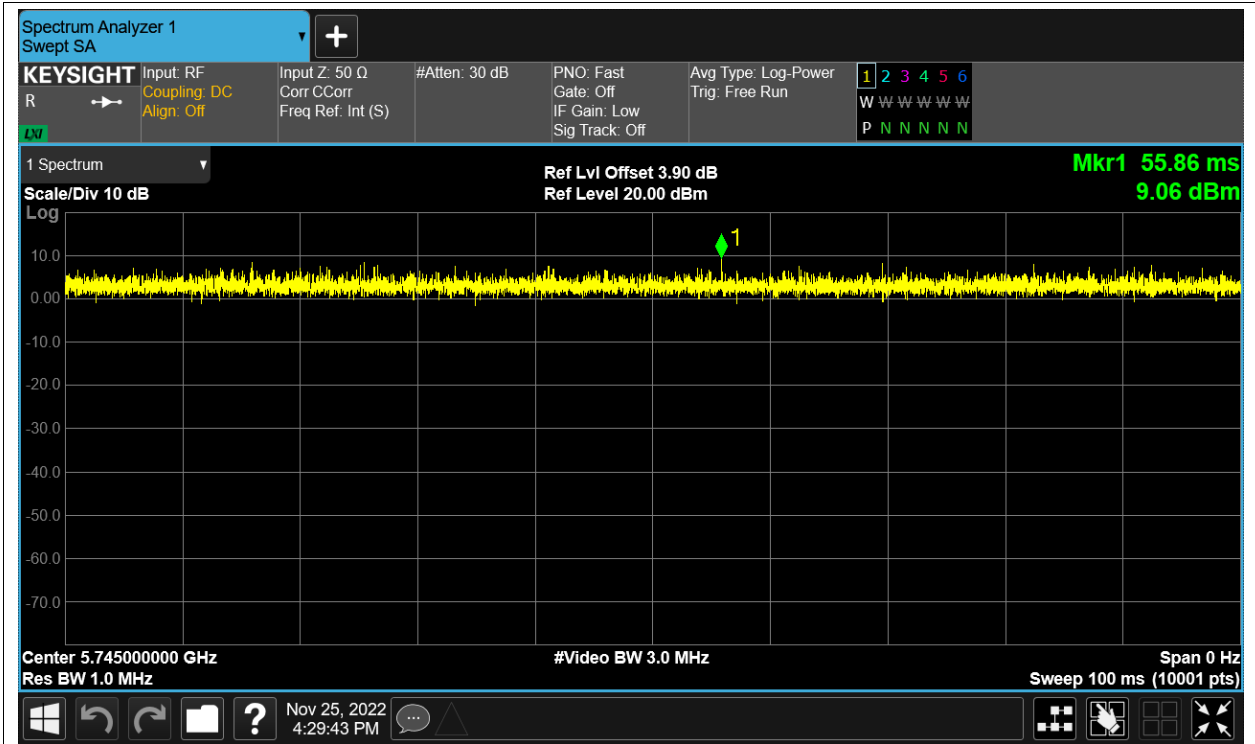
Duty Cycle NVNT ac40 5795MHz Sum



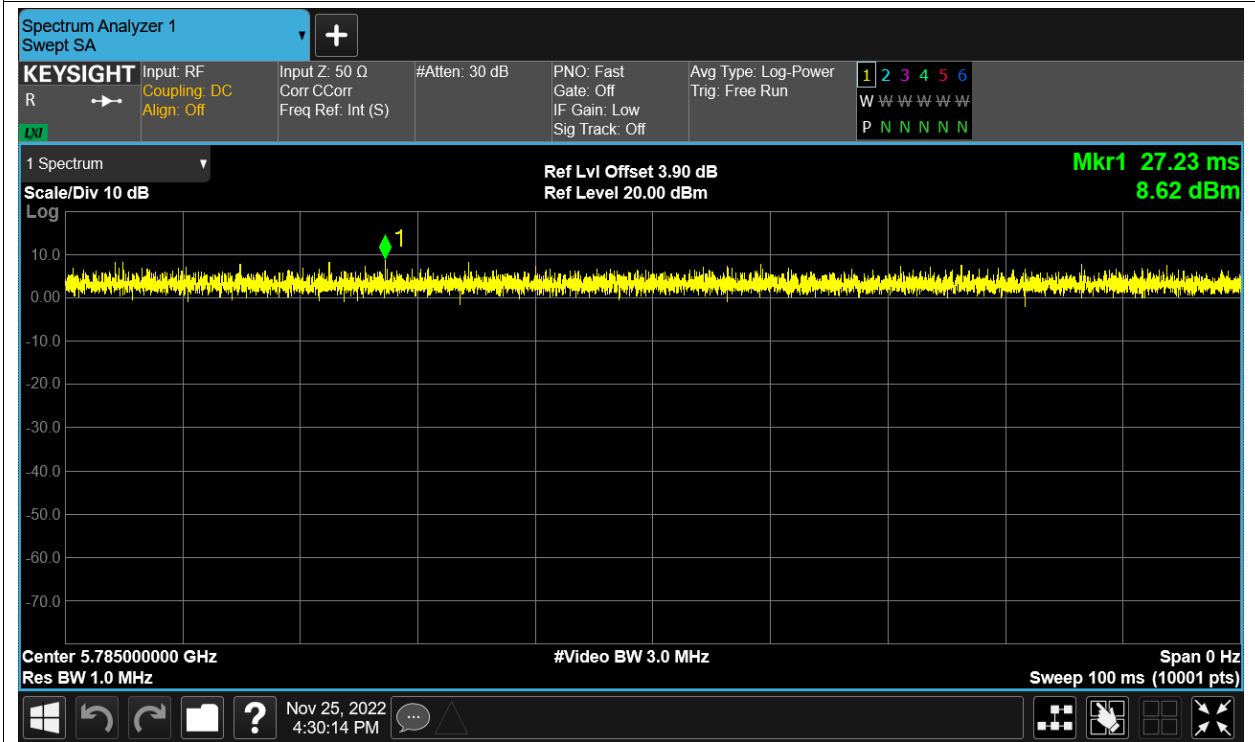
Duty Cycle NVNT ac80 5775MHz Sum



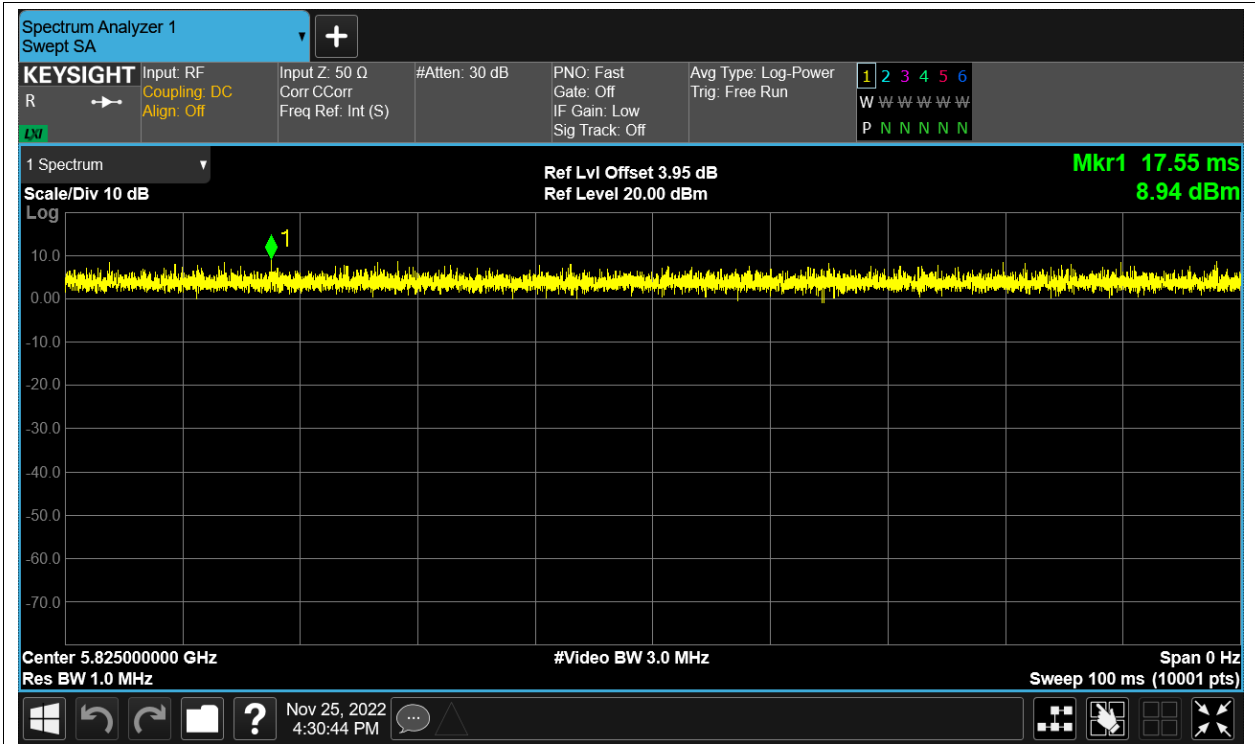
Duty Cycle NVNT ax20 5745MHz Sum



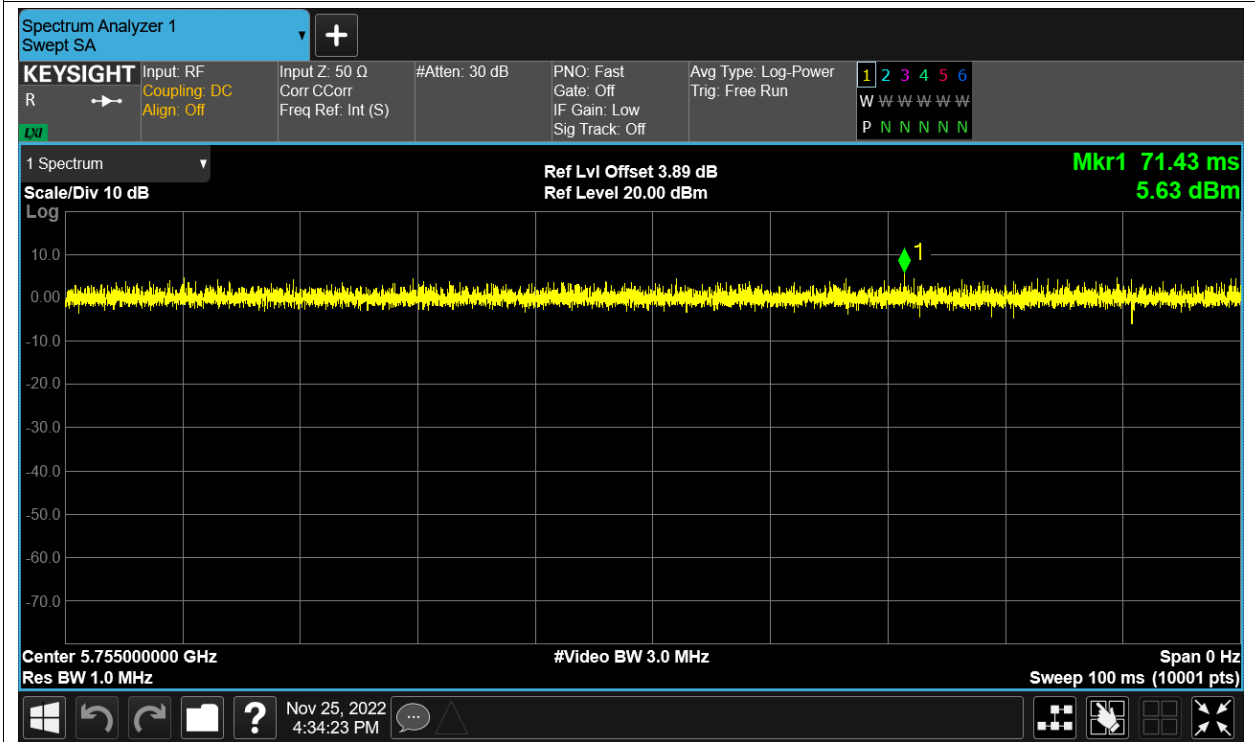
Duty Cycle NVNT ax20 5785MHz Sum



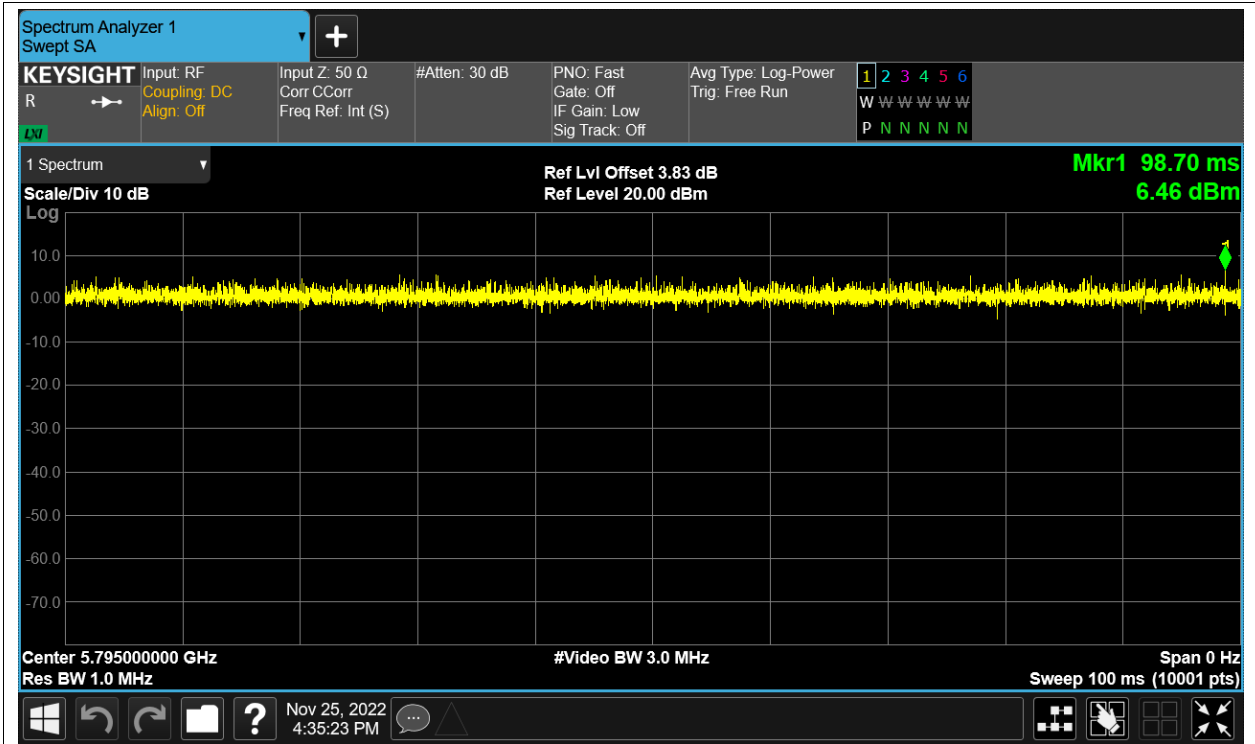
Duty Cycle NVNT ax20 5825MHz Sum



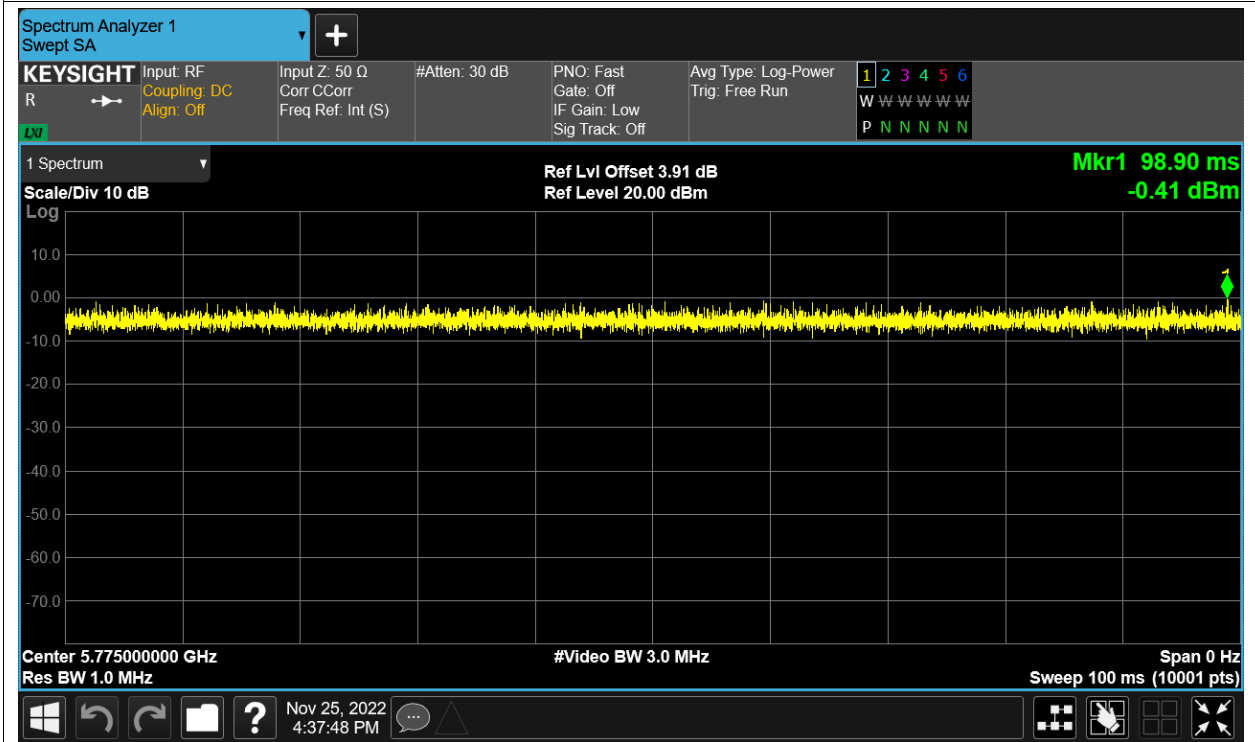
Duty Cycle NVNT ax40 5755MHz Sum



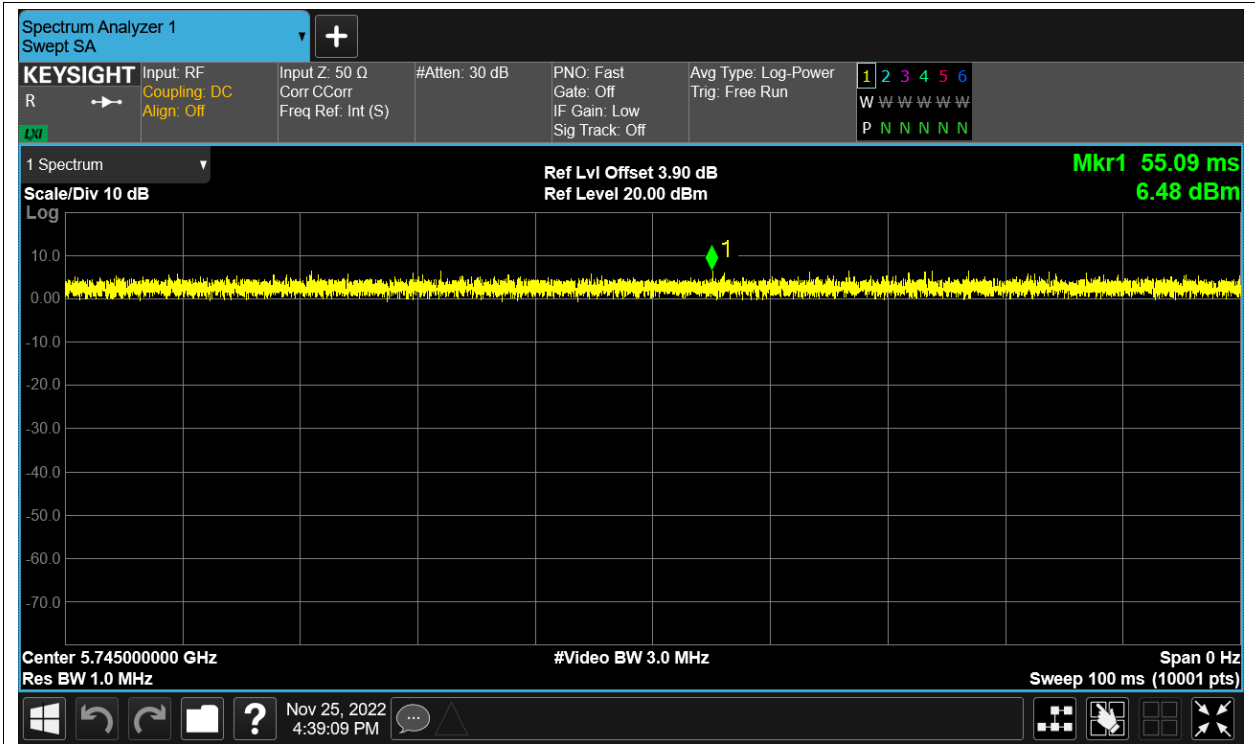
Duty Cycle NVNT ax40 5795MHz Sum



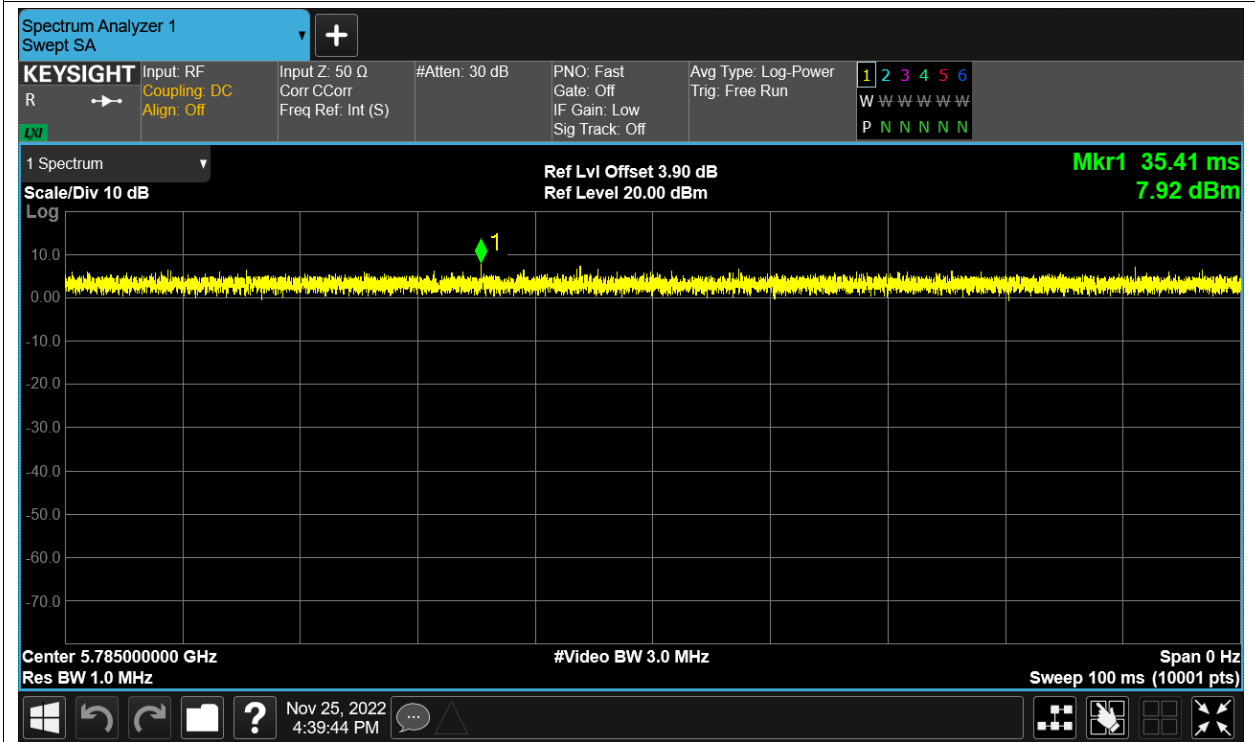
Duty Cycle NVNT ax80 5775MHz Sum



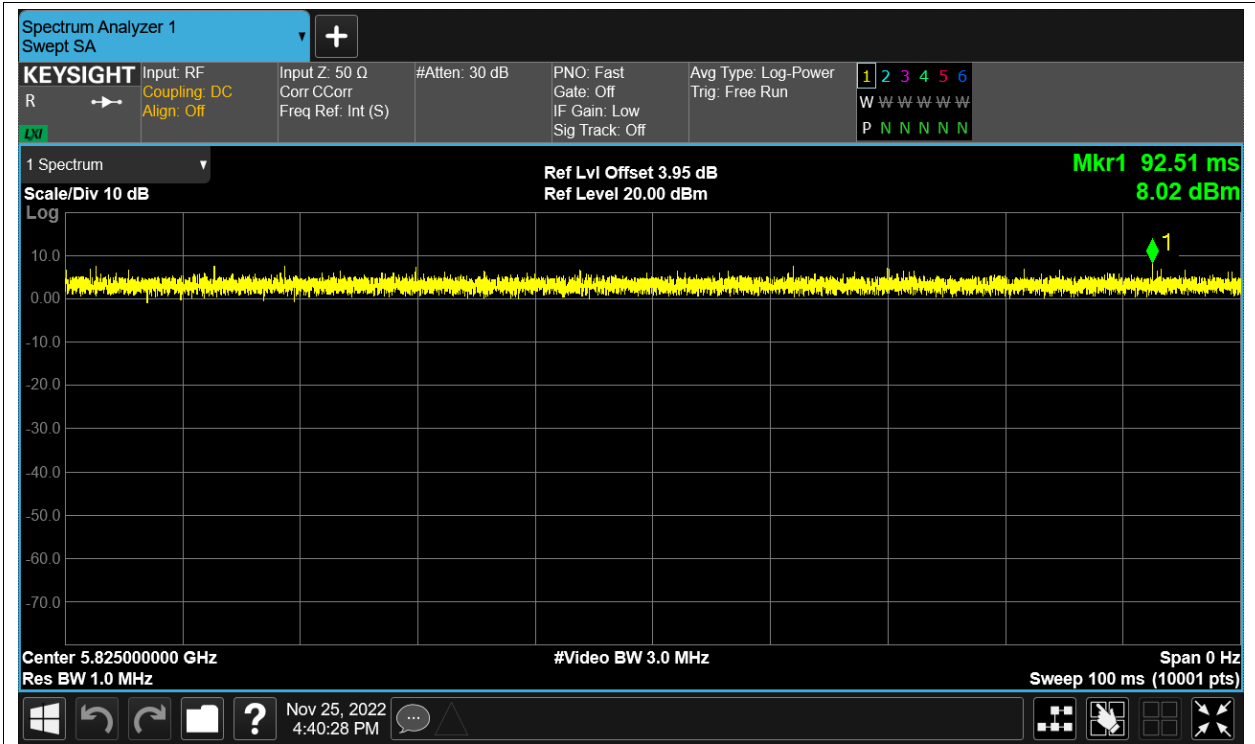
Duty Cycle NVNT n20 5745MHz Sum



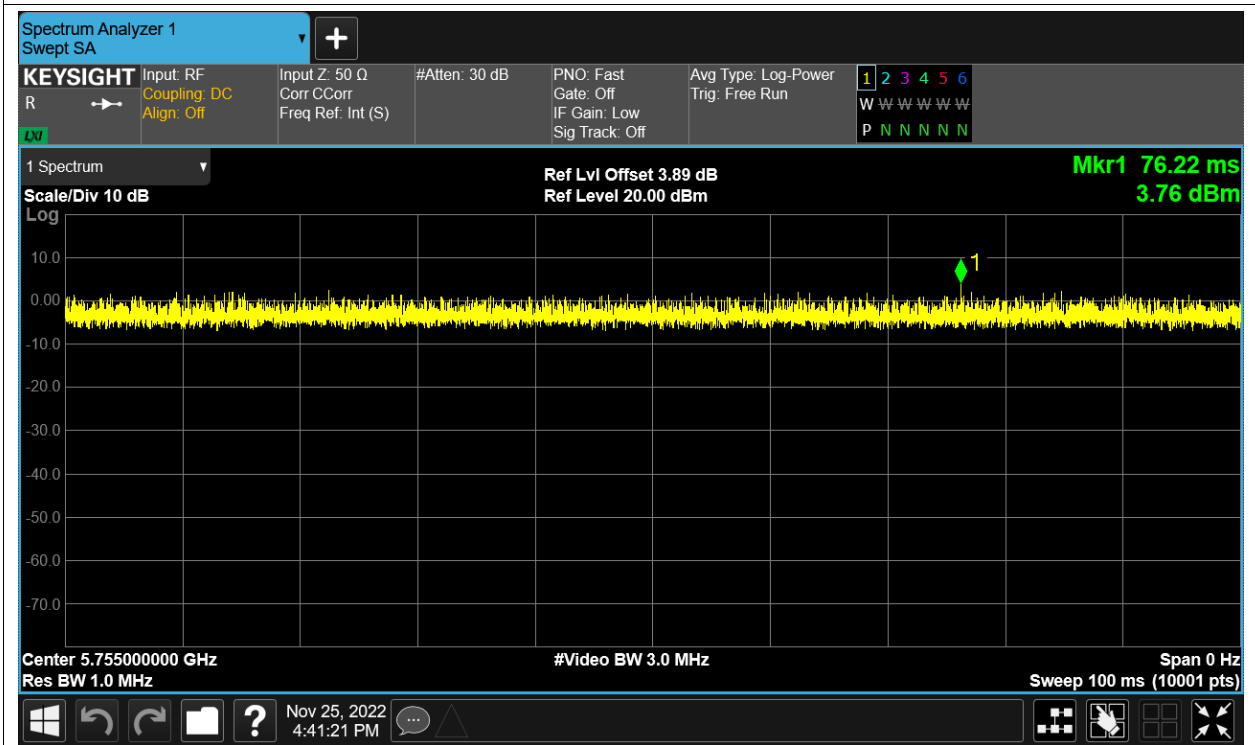
Duty Cycle NVNT n20 5785MHz Sum



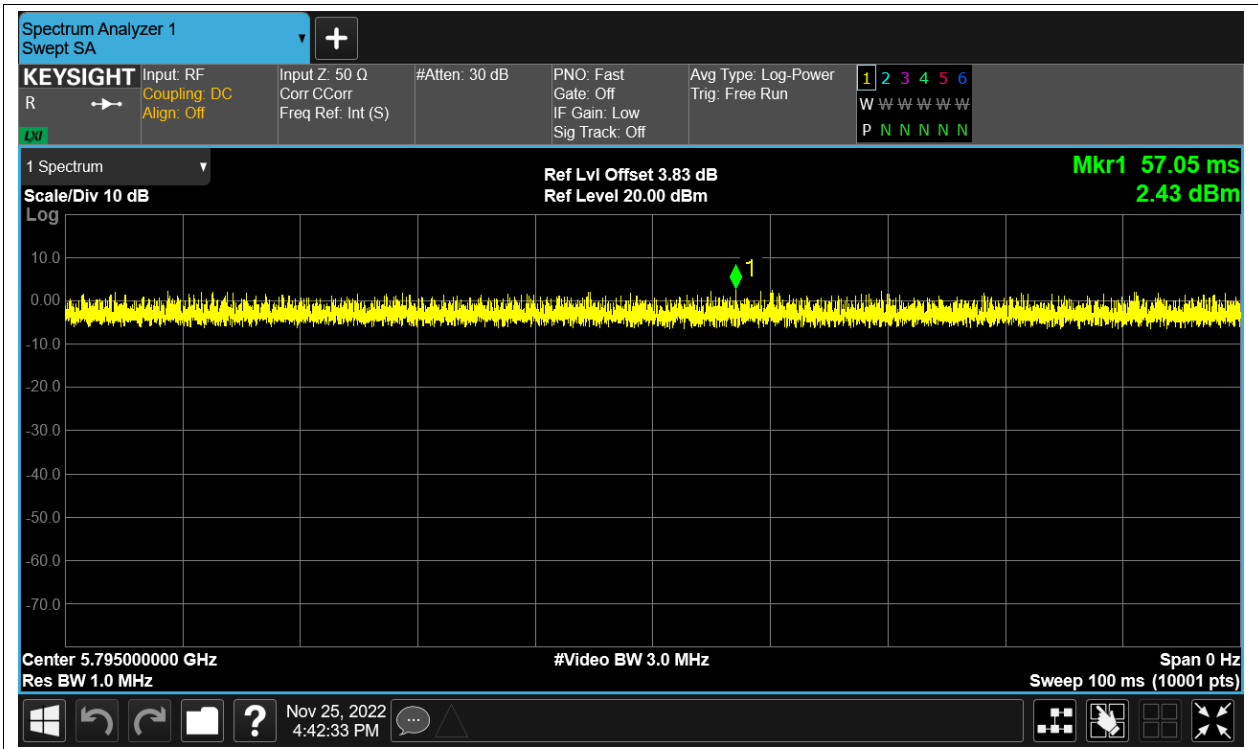
Duty Cycle NVNT n20 5825MHz Sum



Duty Cycle NVNT n40 5755MHz Sum



Duty Cycle NVNT n40 5795MHz Sum



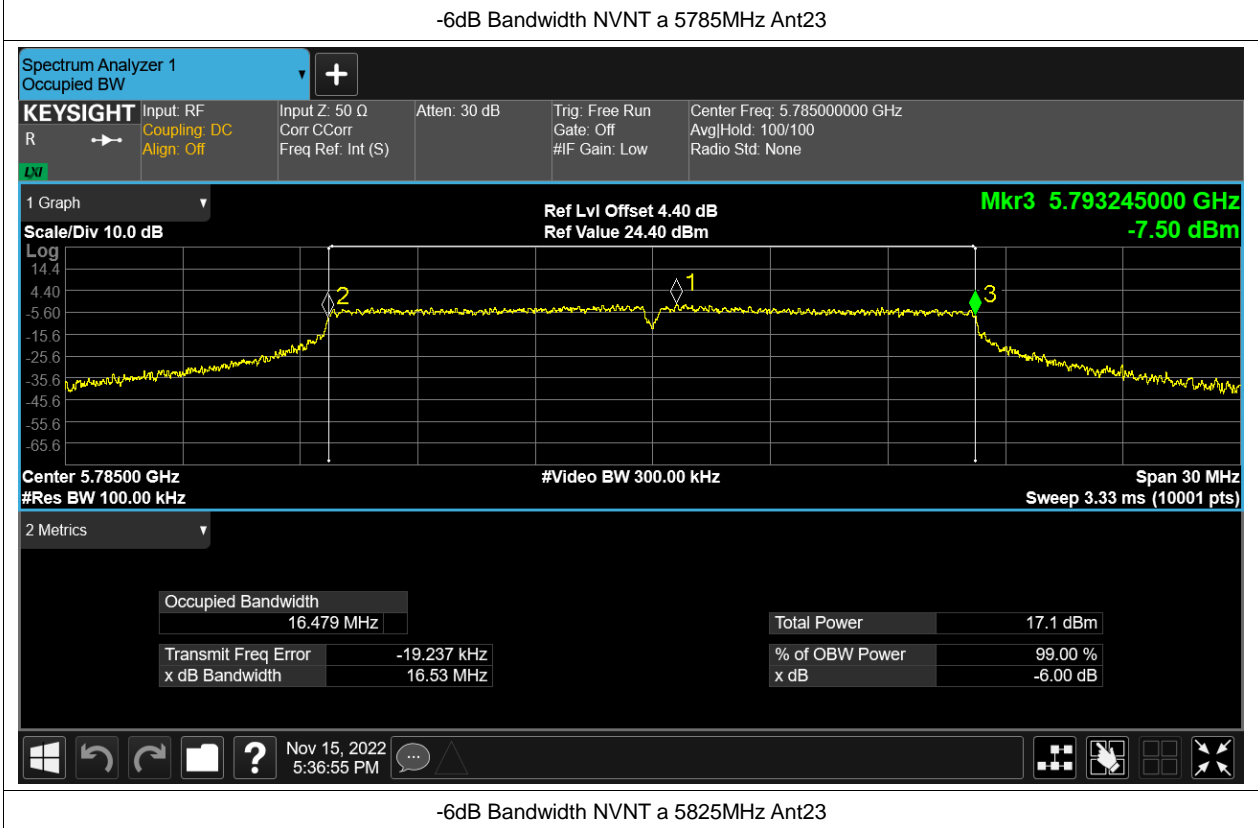
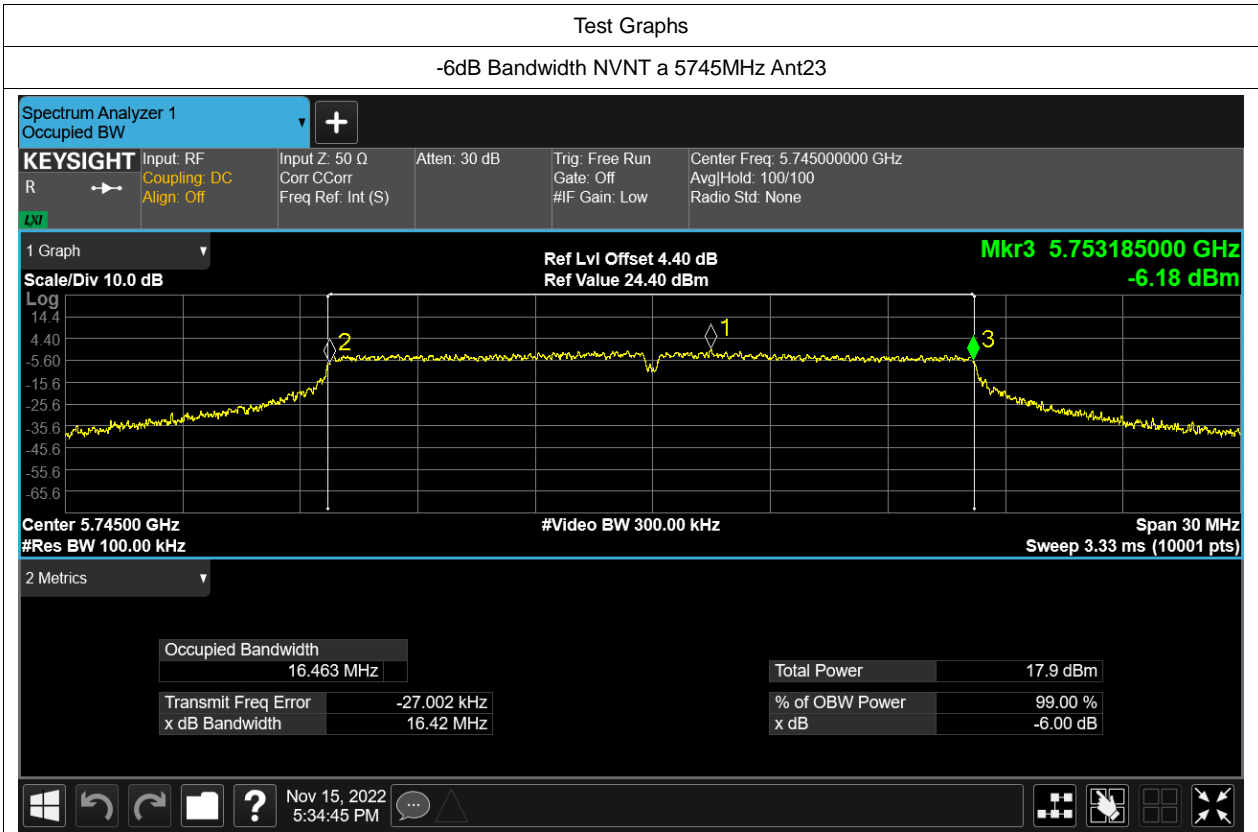
Maximum Conducted Output Power

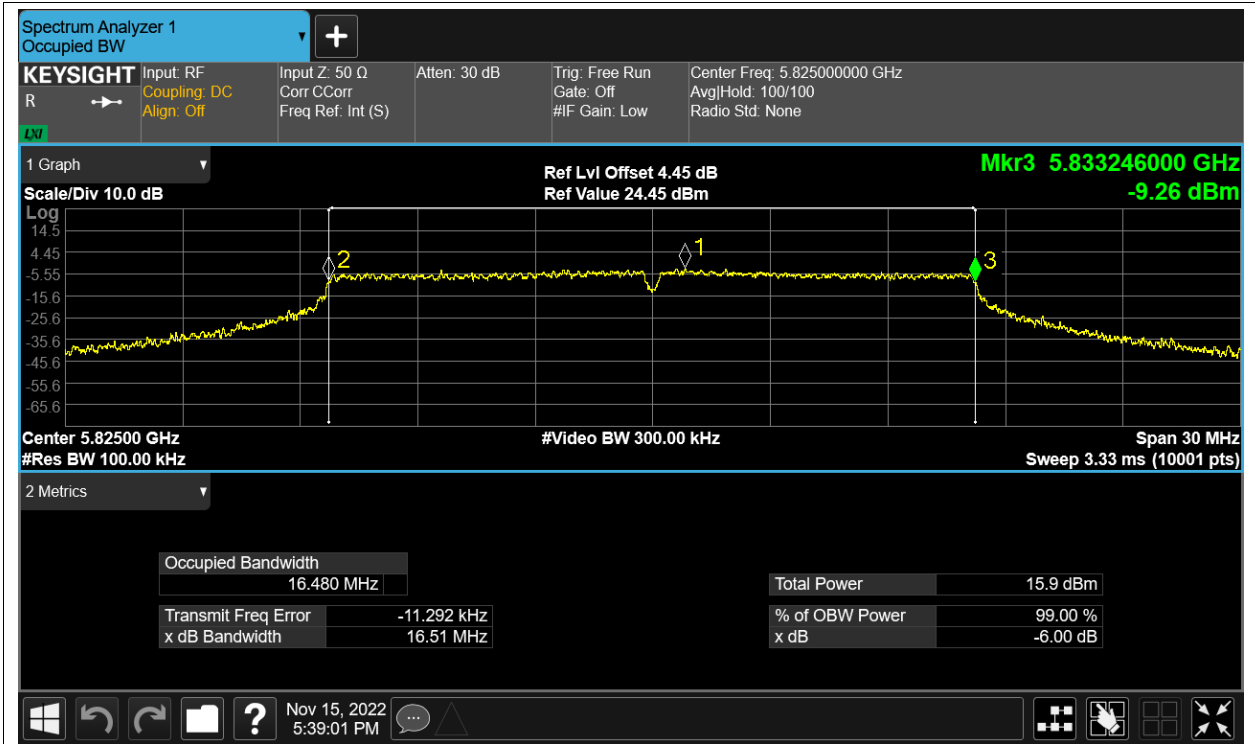
Condition	Mode	Frequency (MHz)	Antenna	Conducted Power (dBm)	Duty Factor (dB)	Total Power (dBm)	Limit (dBm)	Verdict
NVNT	a	5745	Ant23	10.49	0	10.49	30	Pass
NVNT	a	5785	Ant23	10.79	0	10.79	30	Pass
NVNT	a	5825	Ant23	11.76	0	11.76	30	Pass
NVNT	a	5745	Ant24	12.39	0	12.39	30	Pass
NVNT	a	5785	Ant24	12.54	0	12.54	30	Pass
NVNT	a	5825	Ant24	11.32	0	11.32	30	Pass
NVNT	ac20	5745	Ant23	10.27	0	10.27	30	Pass
NVNT	ac20	5745	Ant24	11.5	0	11.5	30	Pass
NVNT	ac20	5745	Sum	13.939	0	13.939	30	Pass
NVNT	ac20	5785	Ant23	10.45	0	10.45	30	Pass
NVNT	ac20	5785	Ant24	11.96	0	11.96	30	Pass
NVNT	ac20	5785	Sum	14.281	0	14.281	30	Pass
NVNT	ac20	5825	Ant23	11.59	0	11.59	30	Pass
NVNT	ac20	5825	Ant24	10.97	0	10.97	30	Pass
NVNT	ac20	5825	Sum	14.301	0	14.301	30	Pass
NVNT	ac40	5755	Ant23	10.38	0	10.38	30	Pass
NVNT	ac40	5755	Ant24	11.06	0	11.06	30	Pass
NVNT	ac40	5755	Sum	13.744	0	13.744	30	Pass
NVNT	ac40	5795	Ant23	10.7	0	10.7	30	Pass
NVNT	ac40	5795	Ant24	11.66	0	11.66	30	Pass
NVNT	ac40	5795	Sum	14.217	0	14.217	30	Pass
NVNT	ac80	5775	Ant23	10.07	0	10.07	30	Pass
NVNT	ac80	5775	Ant24	10.91	0	10.91	30	Pass
NVNT	ac80	5775	Sum	13.521	0	13.521	30	Pass
NVNT	ax20	5745	Ant23	10.19	0	10.19	30	Pass
NVNT	ax20	5745	Ant24	11.25	0	11.25	30	Pass
NVNT	ax20	5745	Sum	13.763	0	13.763	30	Pass
NVNT	ax20	5785	Ant23	10.31	0	10.31	30	Pass
NVNT	ax20	5785	Ant24	11.73	0	11.73	30	Pass
NVNT	ax20	5785	Sum	14.088	0	14.088	30	Pass
NVNT	ax20	5825	Ant23	11.55	0	11.55	30	Pass
NVNT	ax20	5825	Ant24	10.95	0	10.95	30	Pass
NVNT	ax20	5825	Sum	14.271	0	14.271	30	Pass
NVNT	ax40	5755	Ant23	10.5	0	10.5	30	Pass
NVNT	ax40	5755	Ant24	11.28	0	11.28	30	Pass
NVNT	ax40	5755	Sum	13.918	0	13.918	30	Pass
NVNT	ax40	5795	Ant23	10.87	0	10.87	30	Pass
NVNT	ax40	5795	Ant24	11.69	0	11.69	30	Pass
NVNT	ax40	5795	Sum	14.31	0	14.31	30	Pass
NVNT	ax80	5775	Ant23	10.1	0	10.1	30	Pass

NVNT	ax80	5775	Ant24	10.83	0	10.83	30	Pass
NVNT	ax80	5775	Sum	13.491	0	13.491	30	Pass
NVNT	n20	5745	Ant23	10.05	0	10.05	39	Pass
NVNT	n20	5745	Ant24	11.07	0	11.07	39	Pass
NVNT	n20	5745	Sum	13.6	0	13.6	39	Pass
NVNT	n20	5785	Ant23	10.58	0	10.58	30	Pass
NVNT	n20	5785	Ant24	12.17	0	12.17	30	Pass
NVNT	n20	5785	Sum	14.458	0	14.458	30	Pass
NVNT	n20	5825	Ant23	11.26	0	11.26	30	Pass
NVNT	n20	5825	Ant24	10.67	0	10.67	30	Pass
NVNT	n20	5825	Sum	13.985	0	13.985	30	Pass
NVNT	n40	5755	Ant23	10.41	0	10.41	30	Pass
NVNT	n40	5755	Ant24	11.24	0	11.24	30	Pass
NVNT	n40	5755	Sum	13.855	0	13.855	30	Pass
NVNT	n40	5795	Ant23	10.62	0	10.62	30	Pass
NVNT	n40	5795	Ant24	11.56	0	11.56	30	Pass
NVNT	n40	5795	Sum	14.126	0	14.126	30	Pass

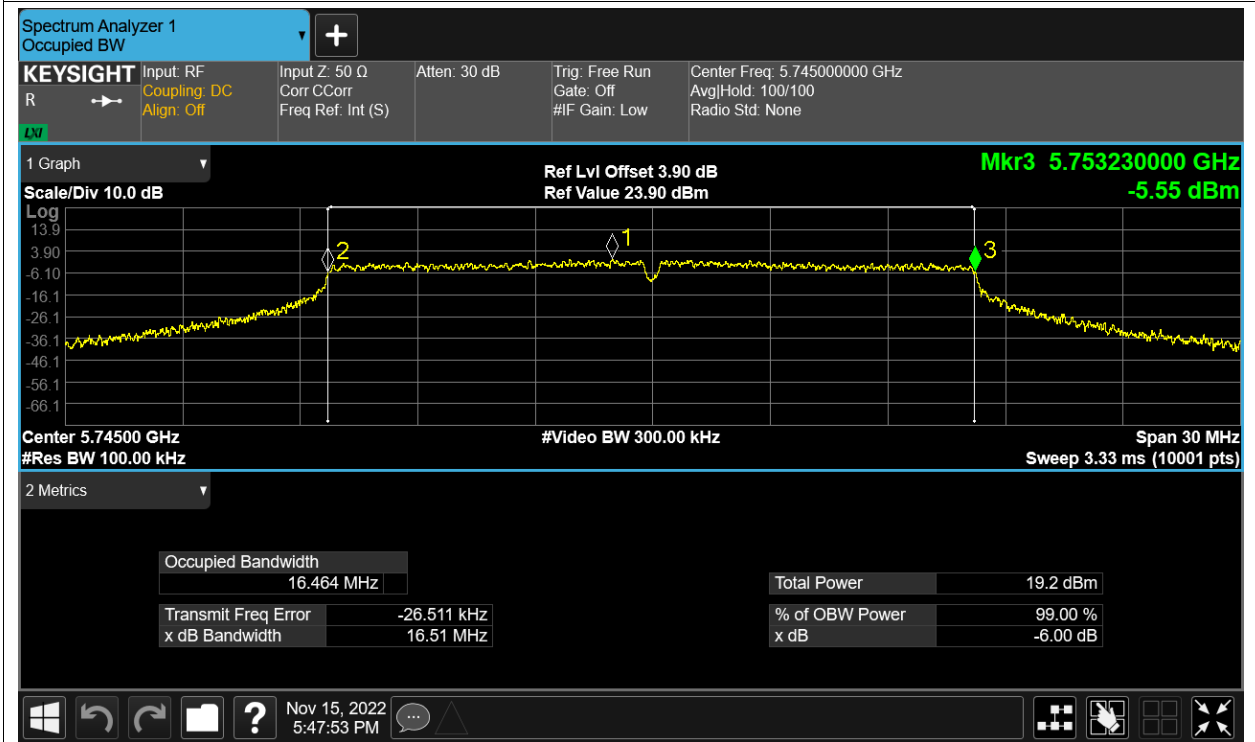
-6dB Bandwidth

Condition	Mode	Frequency (MHz)	Antenna	-6 dB Bandwidth (MHz)	limit	Verdic
NVNT	a	5745	Ant23	16.424	0.5	Pass
NVNT	a	5785	Ant23	16.528	0.5	Pass
NVNT	a	5825	Ant23	16.514	0.5	Pass
NVNT	a	5745	Ant24	16.514	0.5	Pass
NVNT	a	5785	Ant24	16.51	0.5	Pass
NVNT	a	5825	Ant24	16.51	0.5	Pass
NVNT	ac20	5745	Ant23	17.812	0.5	Pass
NVNT	ac20	5745	Ant24	17.817	0.5	Pass
NVNT	ac20	5785	Ant23	17.706	0.5	Pass
NVNT	ac20	5785	Ant24	17.714	0.5	Pass
NVNT	ac20	5825	Ant23	17.752	0.5	Pass
NVNT	ac20	5825	Ant24	17.667	0.5	Pass
NVNT	ac40	5755	Ant23	36.338	0.5	Pass
NVNT	ac40	5755	Ant24	36.308	0.5	Pass
NVNT	ac40	5795	Ant23	36.346	0.5	Pass
NVNT	ac40	5795	Ant24	35.808	0.5	Pass
NVNT	ac80	5775	Ant23	76.46	0.5	Pass
NVNT	ac80	5775	Ant24	76.314	0.5	Pass
NVNT	ax20	5745	Ant23	19.013	0.5	Pass
NVNT	ax20	5745	Ant24	19.087	0.5	Pass
NVNT	ax20	5785	Ant23	19.107	0.5	Pass
NVNT	ax20	5785	Ant24	19.047	0.5	Pass
NVNT	ax20	5825	Ant23	19.025	0.5	Pass
NVNT	ax20	5825	Ant24	19.083	0.5	Pass
NVNT	ax40	5755	Ant23	37.891	0.5	Pass
NVNT	ax40	5755	Ant24	37.607	0.5	Pass
NVNT	ax40	5795	Ant23	37.852	0.5	Pass
NVNT	ax40	5795	Ant24	36.494	0.5	Pass
NVNT	ax80	5775	Ant23	77.817	0.5	Pass
NVNT	ax80	5775	Ant24	77.875	0.5	Pass
NVNT	n20	5745	Ant23	17.791	0.5	Pass
NVNT	n20	5745	Ant24	17.628	0.5	Pass
NVNT	n20	5785	Ant23	17.72	0.5	Pass
NVNT	n20	5785	Ant24	17.674	0.5	Pass
NVNT	n20	5825	Ant23	17.785	0.5	Pass
NVNT	n20	5825	Ant24	17.664	0.5	Pass
NVNT	n40	5755	Ant23	36.35	0.5	Pass
NVNT	n40	5755	Ant24	35.652	0.5	Pass
NVNT	n40	5795	Ant23	36.311	0.5	Pass
NVNT	n40	5795	Ant24	36.313	0.5	Pass

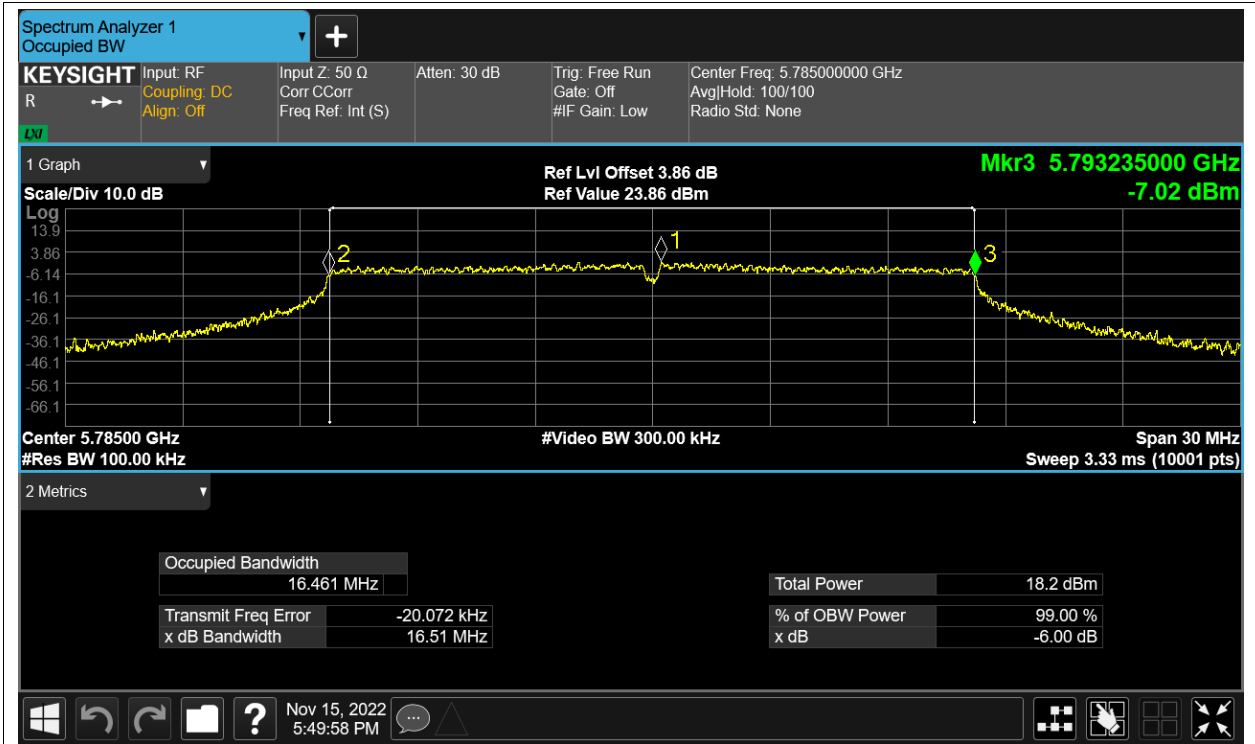




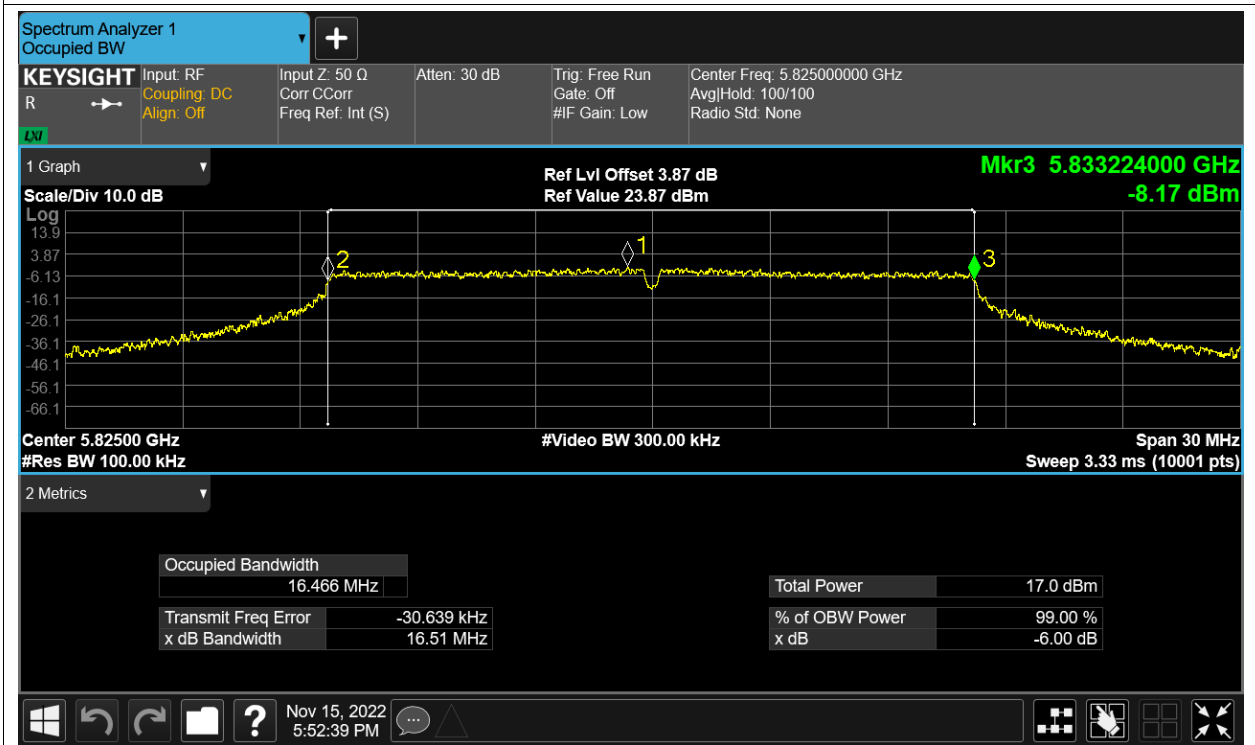
-6dB Bandwidth NVNT a 5745MHz Ant24



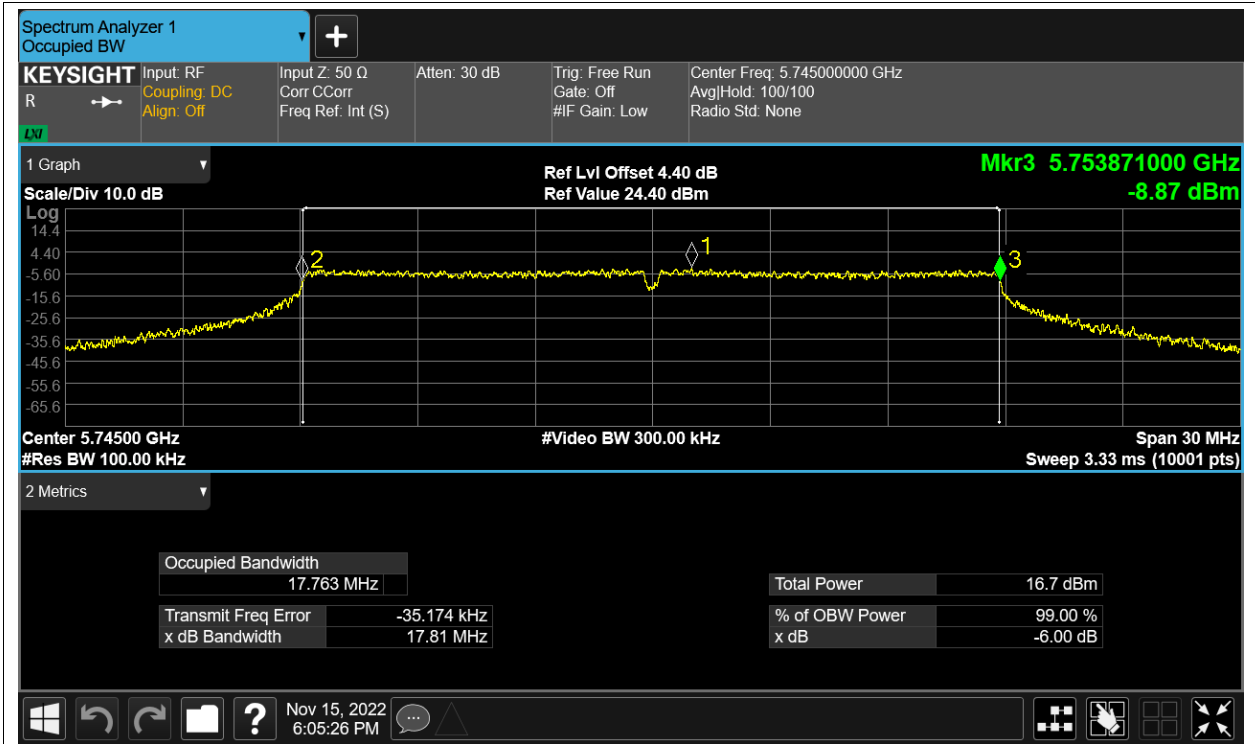
-6dB Bandwidth NVNT a 5785MHz Ant24



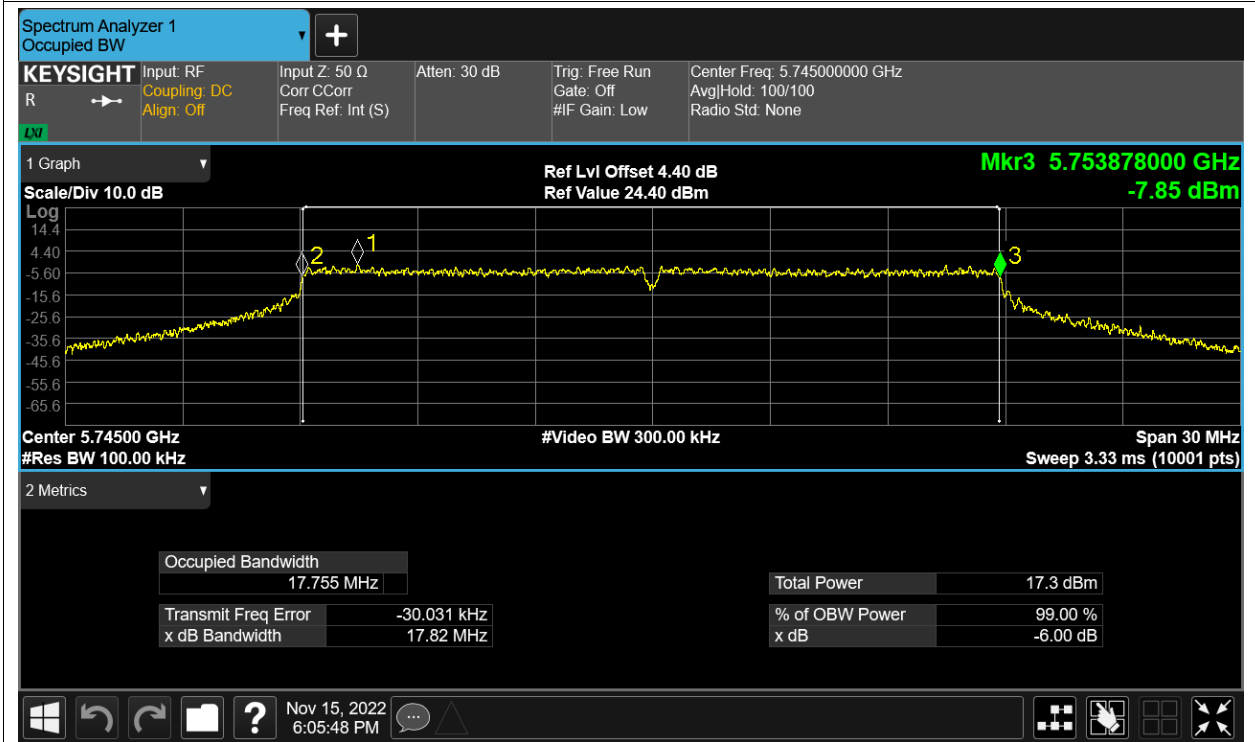
-6dB Bandwidth NVNT a 5825MHz Ant24



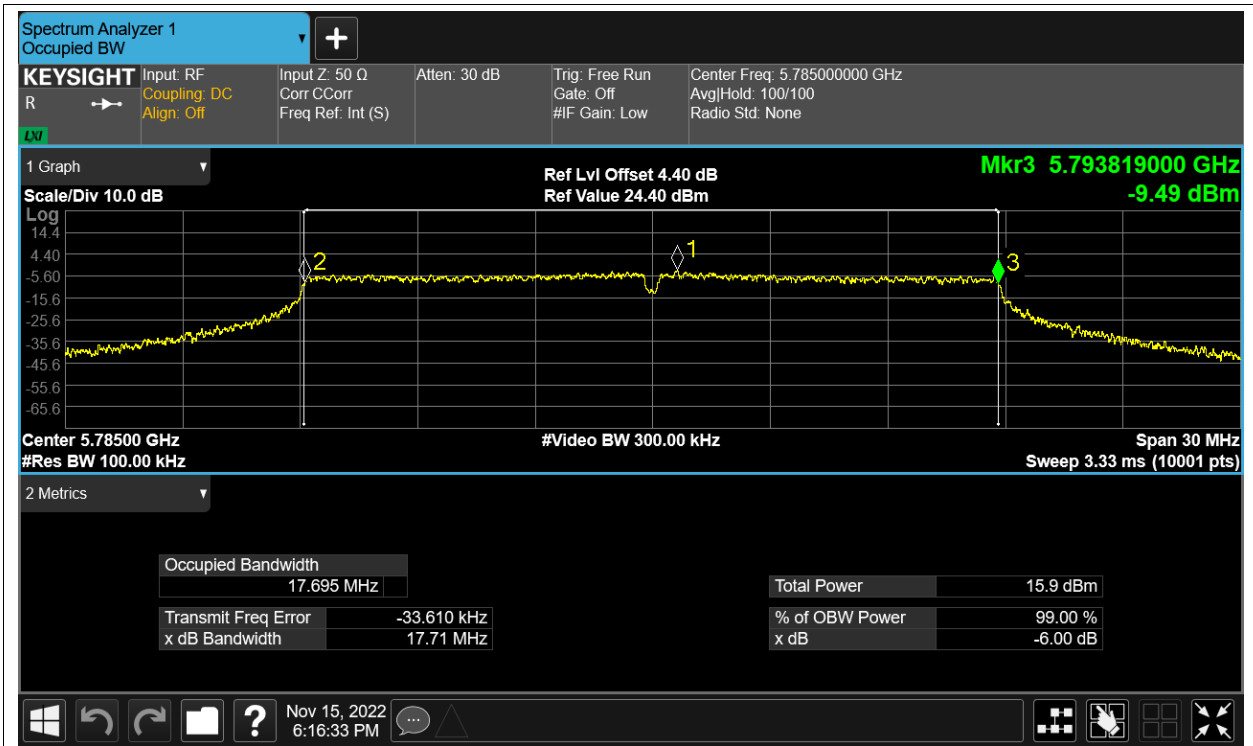
-6dB Bandwidth NVNT ac20 5745MHz Ant23



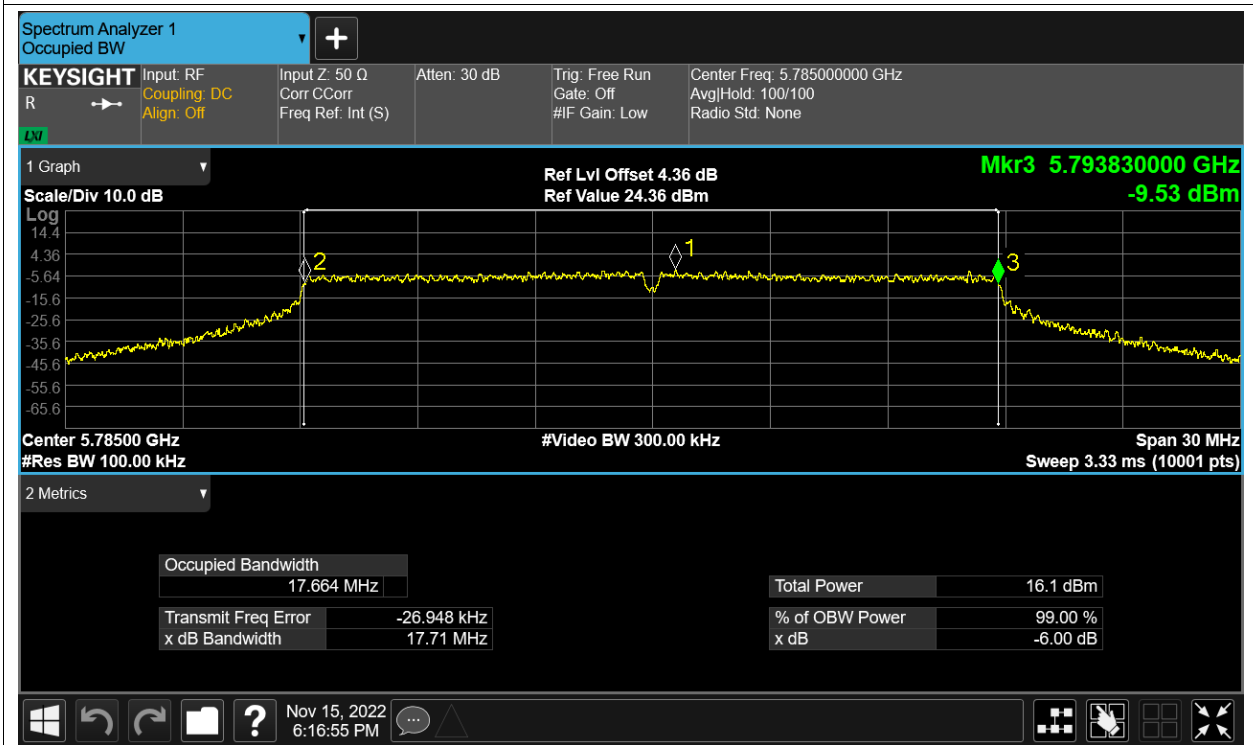
-6dB Bandwidth NVNT ac20 5745MHz Ant24



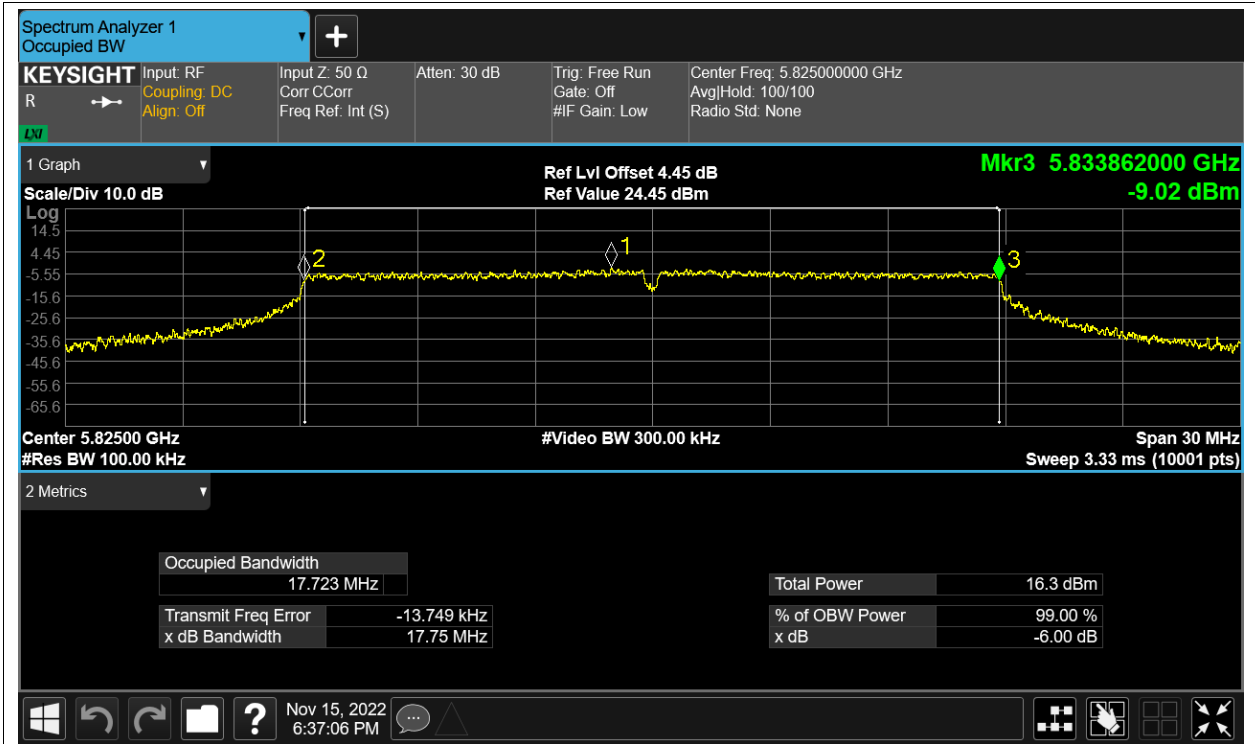
-6dB Bandwidth NVNT ac20 5785MHz Ant23



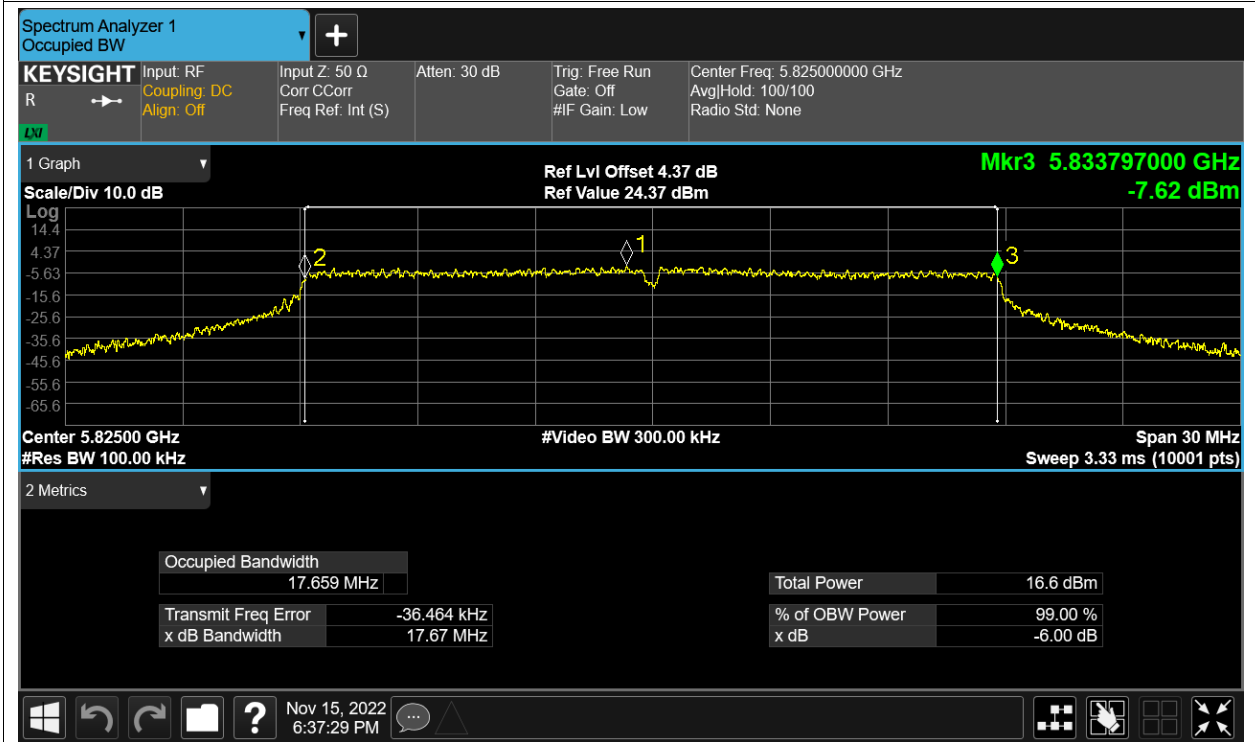
-6dB Bandwidth NVNT ac20 5785MHz Ant24



-6dB Bandwidth NVNT ac20 5825MHz Ant23



-6dB Bandwidth NVNT ac20 5825MHz Ant24



-6dB Bandwidth NVNT ac40 5755MHz Ant23



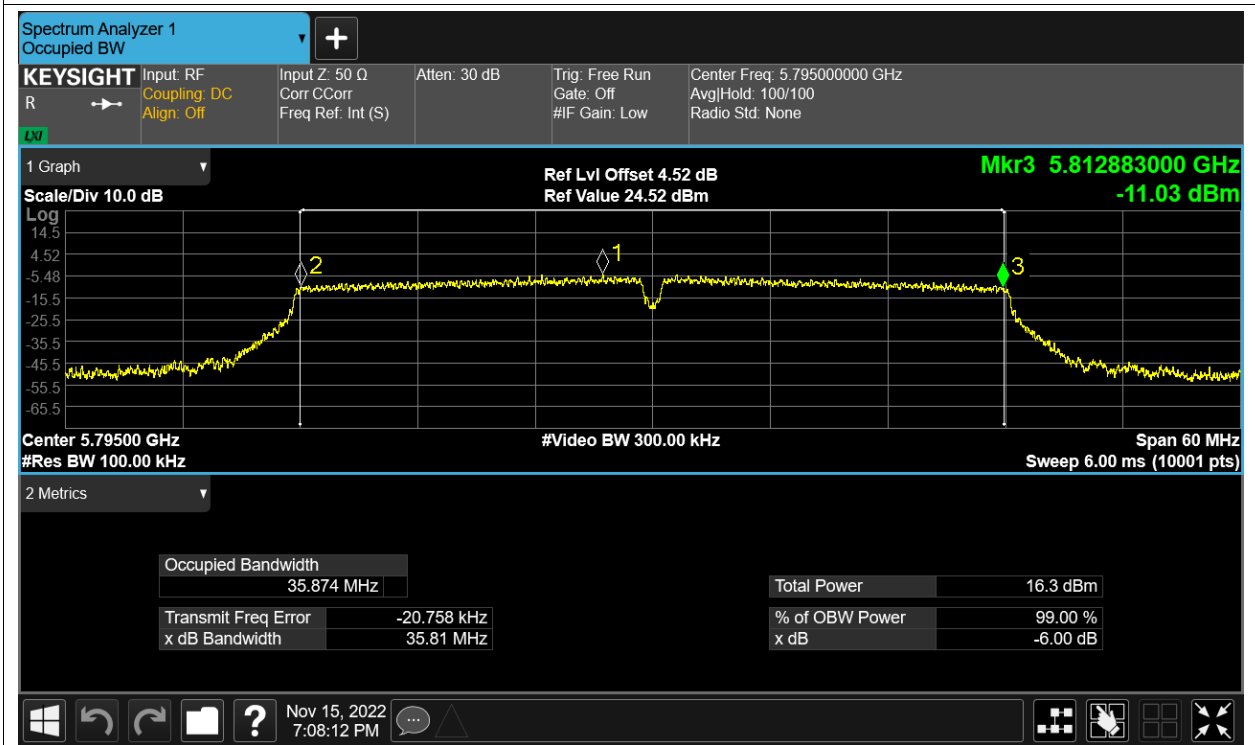
-6dB Bandwidth NVNT ac40 5755MHz Ant24



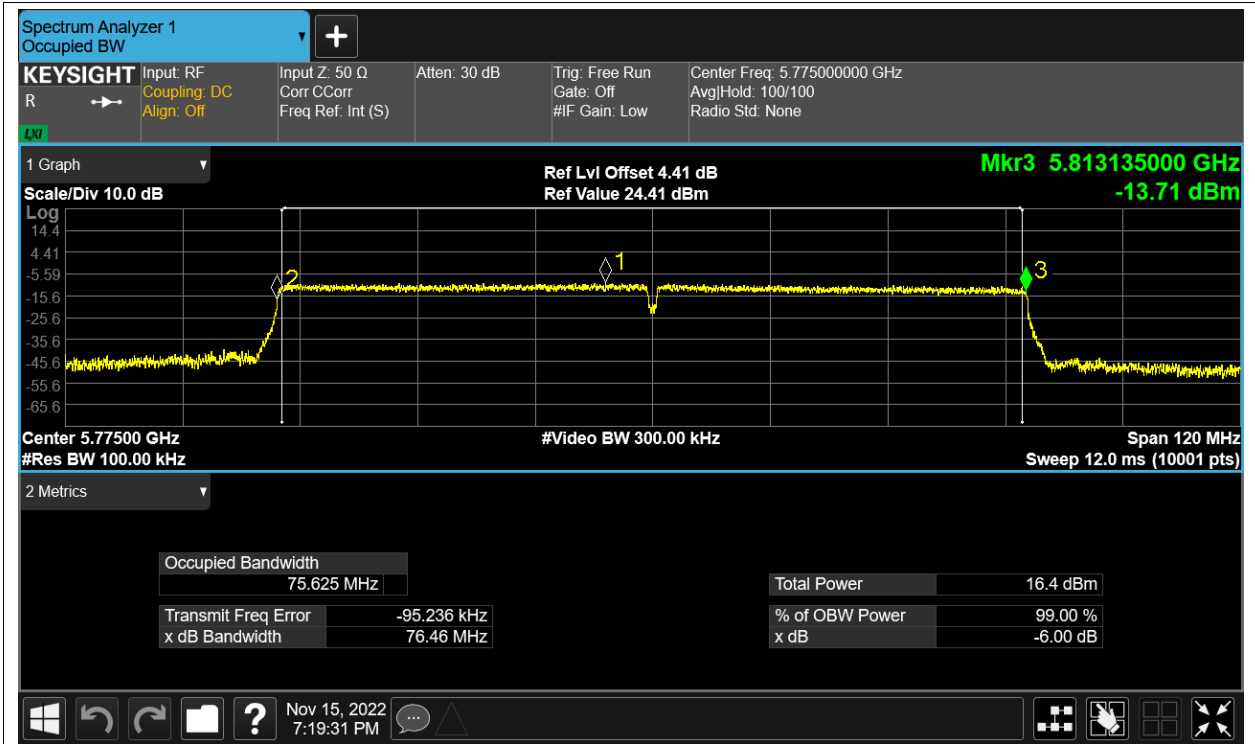
-6dB Bandwidth NVNT ac40 5795MHz Ant23



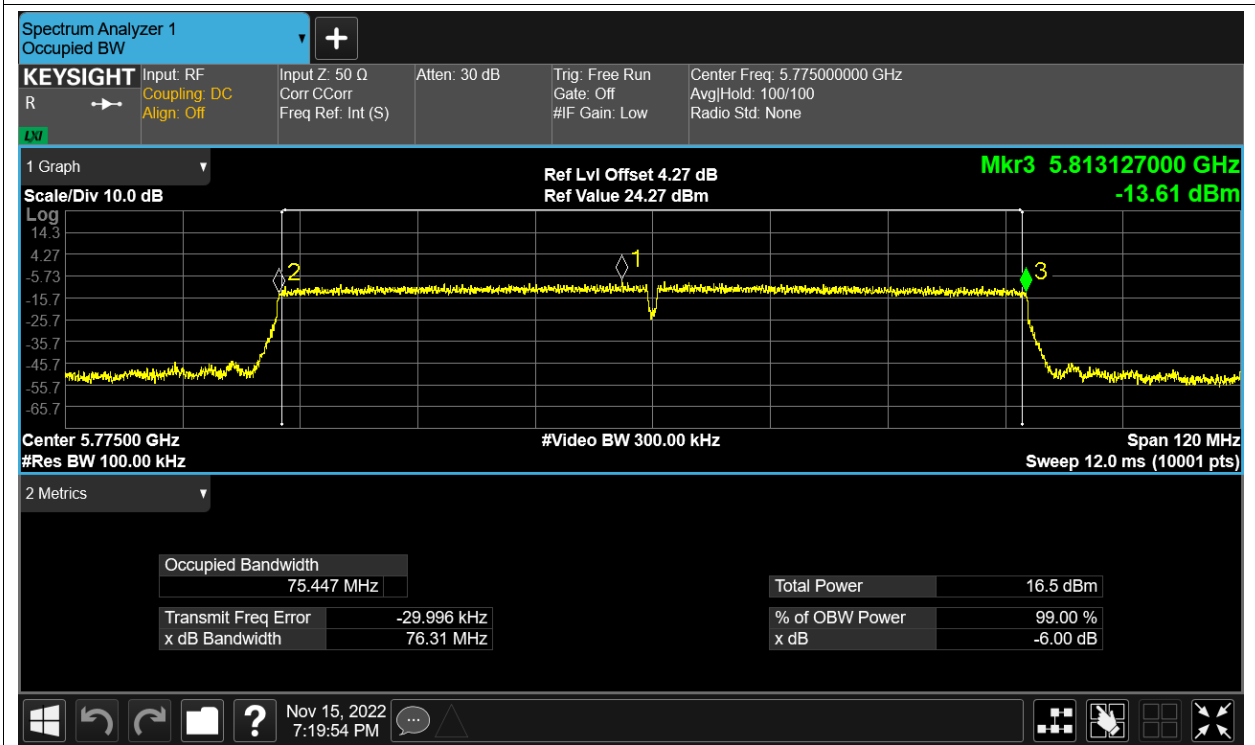
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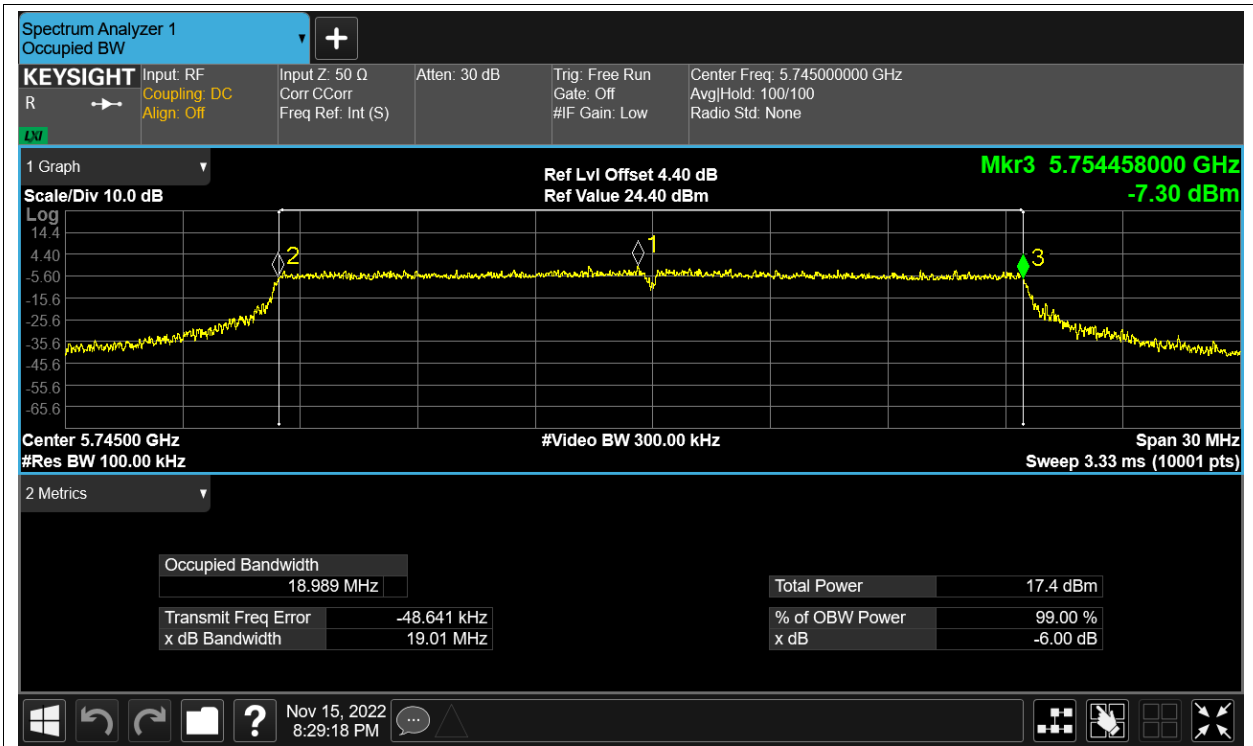
-6dB Bandwidth NVNT ac80 5775MHz Ant23



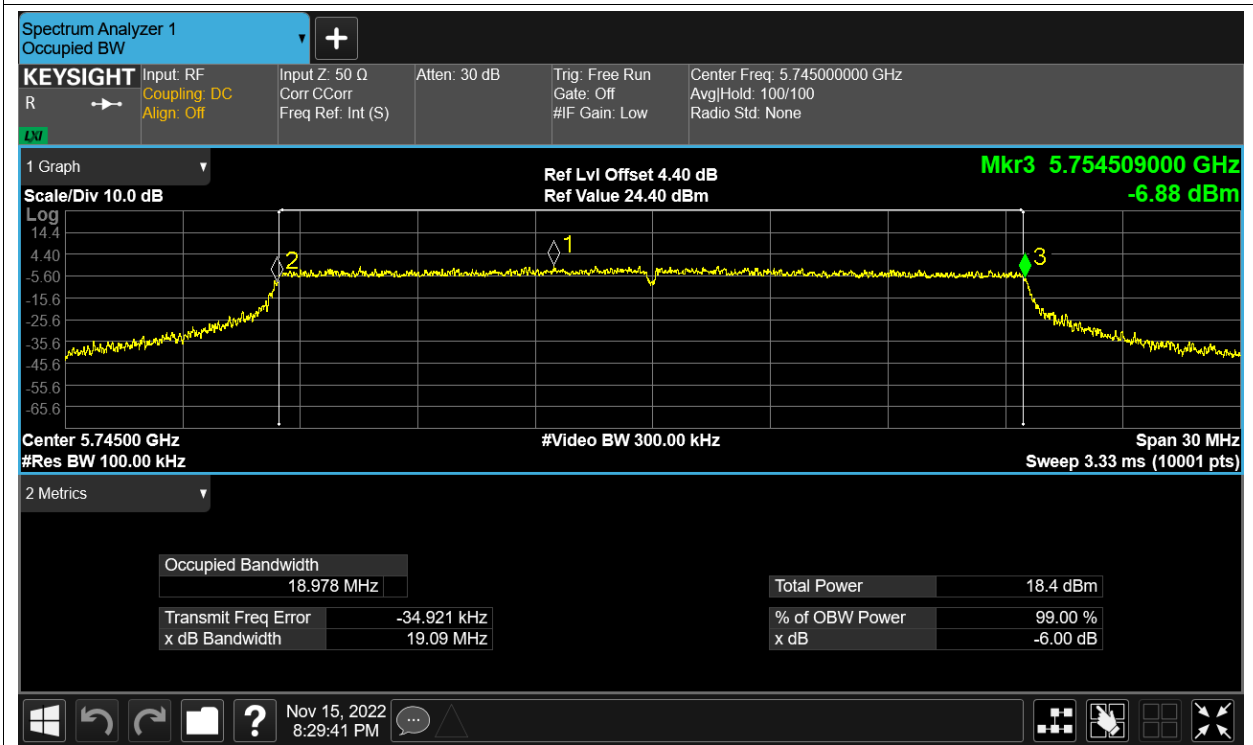
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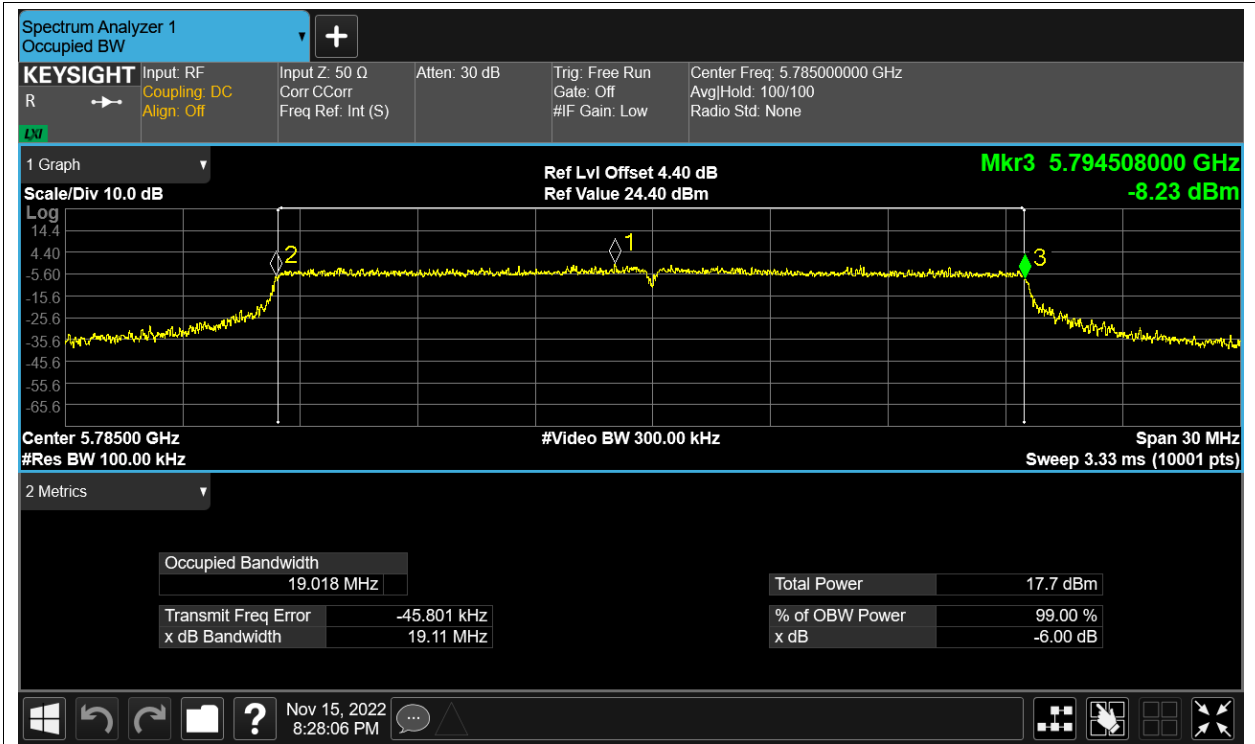
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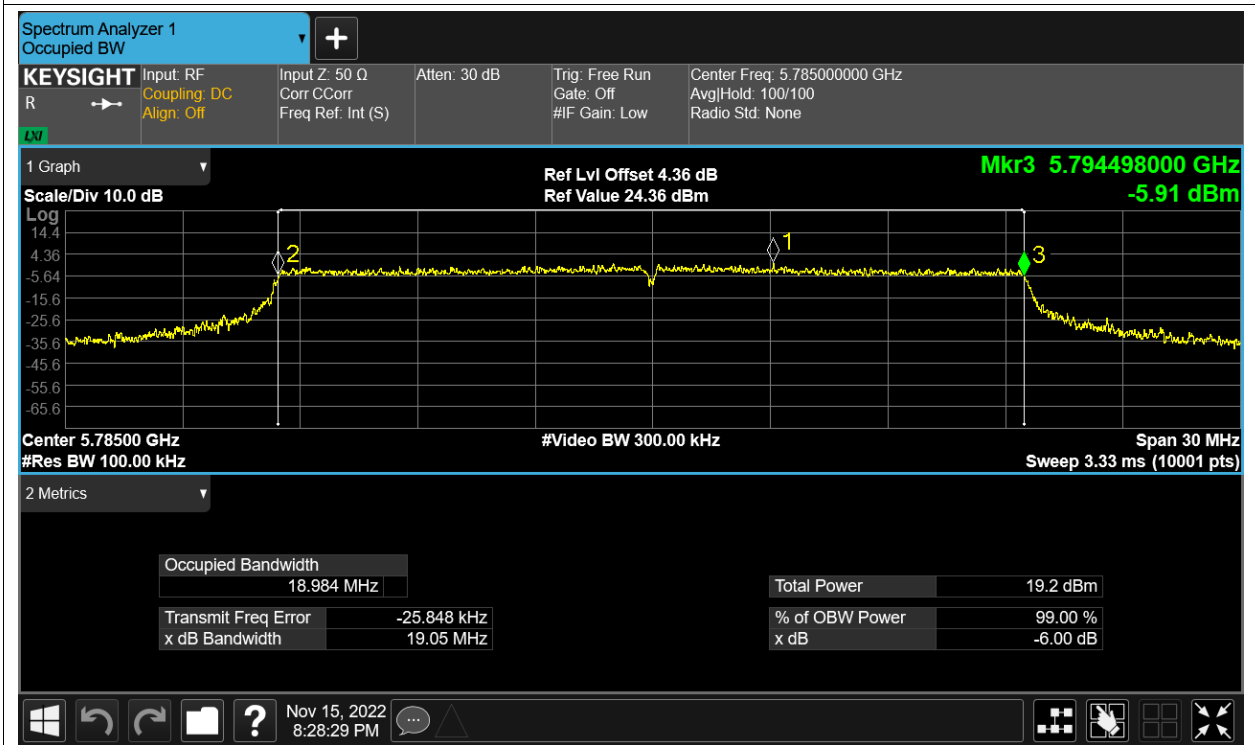
-6dB Bandwidth NVNT ax20 5745MHz Ant24



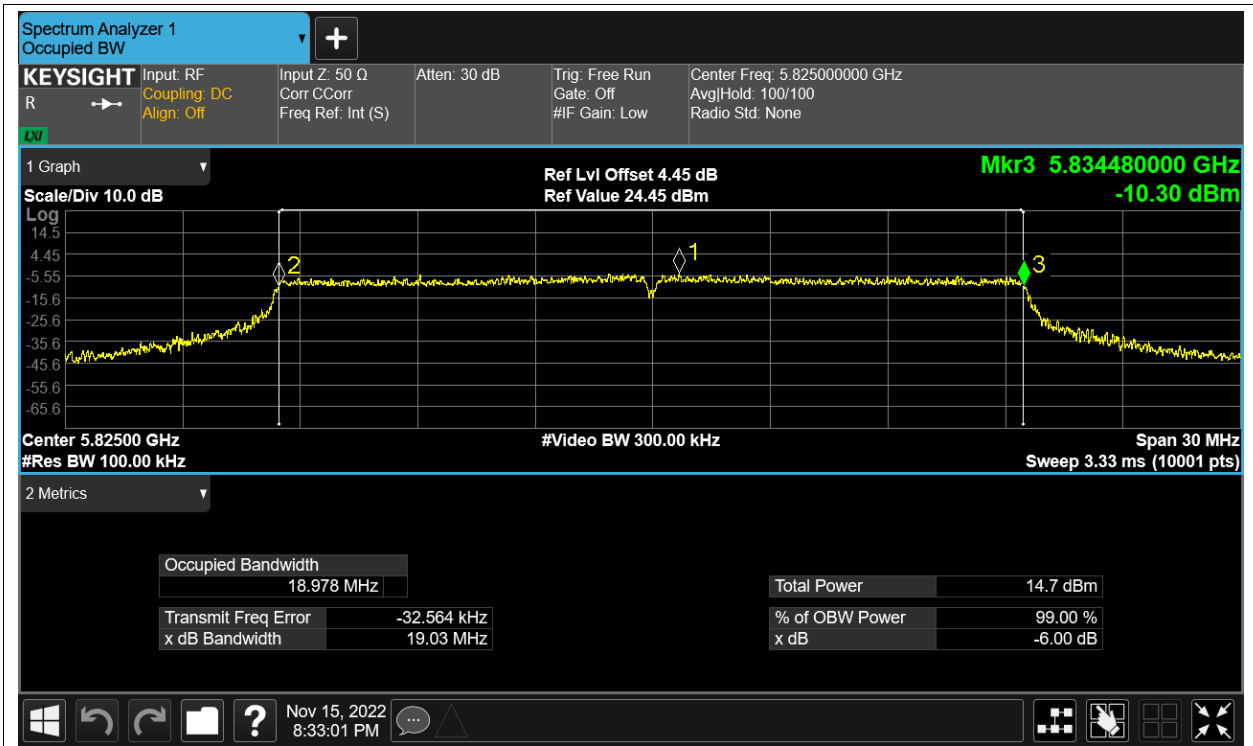
-6dB Bandwidth NVNT ax20 5785MHz Ant23



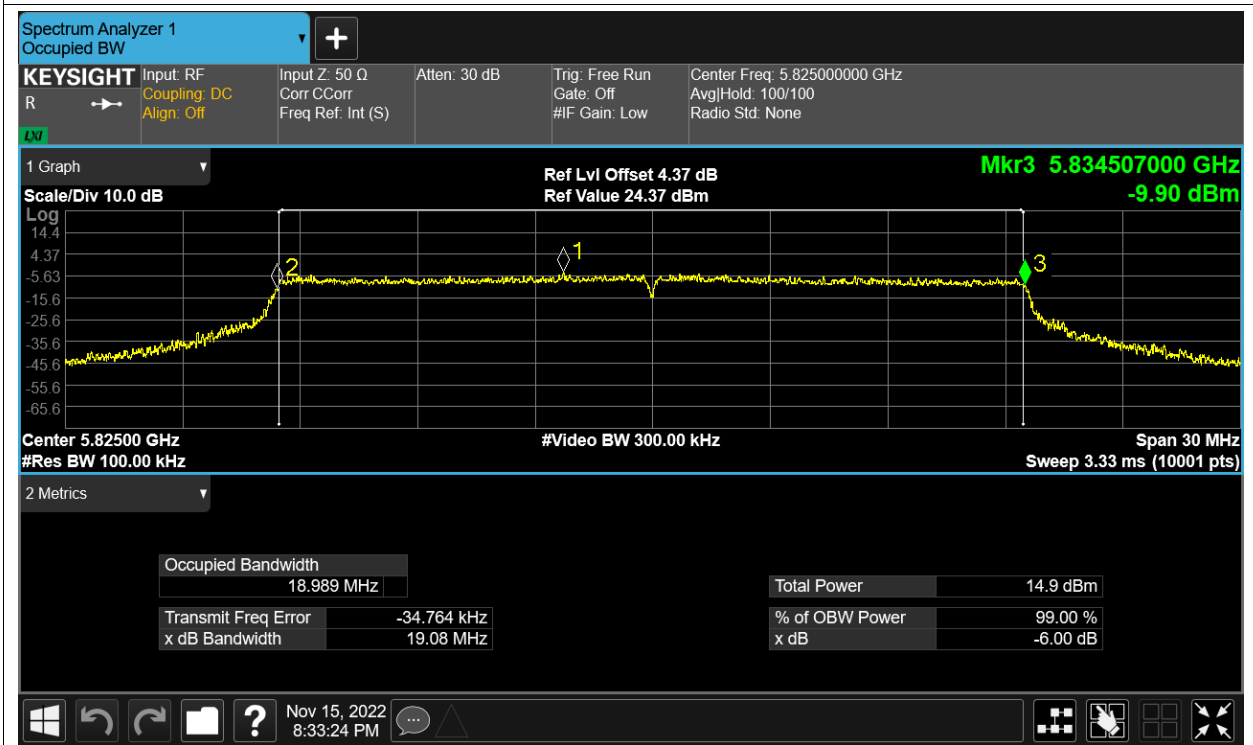
-6dB Bandwidth NVNT ax20 5785MHz Ant24



-6dB Bandwidth NVNT ax20 5825MHz Ant23



-6dB Bandwidth NVNT ax20 5825MHz Ant24



-6dB Bandwidth NVNT ax40 5755MHz Ant23