

## Test Data

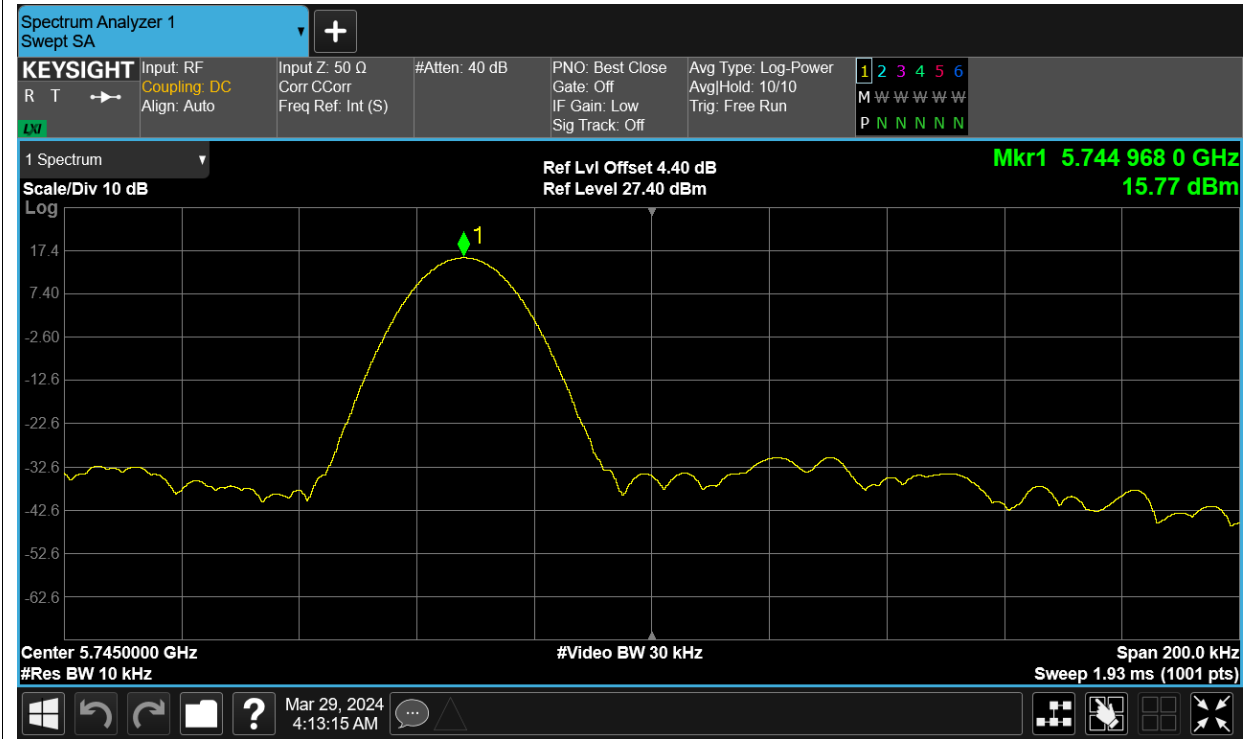
### Frequency Stability

Condition	Mode	Frequency (MHz)	Antenna	Measured Frequency (MHz)	Deviation (ppm)	Limit (ppm)	Verdict
HVNT	a	5745	Ant12	5744.968	-5.57	Within authorized band	Pass
HVNT	a	5745	Ant4	5744.9688	-5.43		Pass
LVNT	a	5745	Ant12	5744.9682	-5.54		Pass
LVNT	a	5745	Ant4	5744.9692	-5.36		Pass
NVHT	a	5745	Ant12	5744.9686	-5.47		Pass
NVHT	a	5745	Ant4	5744.9694	-5.33		Pass
NVLT	a	5745	Ant12	5744.9688	-5.43		Pass
NVLT	a	5745	Ant4	5744.9698	-5.26		Pass
NVNT	a	5745	Ant12	5744.9688	-5.43		Pass
NVNT	a	5745	Ant4	5744.9702	-5.19		Pass
HVNT	ax80	5775	Sum	5774.9678	-5.58		Pass
LVNT	ax80	5775	Sum	5774.9686	-5.44		Pass
NVHT	ax80	5775	Sum	5774.9694	-5.3		Pass
NVLT	ax80	5775	Sum	5774.9702	-5.16		Pass
NVNT	ax80	5775	Sum	5774.971	-5.02		Pass
HVNT	n40	5755	Sum	5754.968	-5.56		Pass
LVNT	n40	5755	Sum	5754.9686	-5.46		Pass
NVHT	n40	5755	Sum	5754.9694	-5.32		Pass
NVLT	n40	5755	Sum	5754.9702	-5.18		Pass
NVNT	n40	5755	Sum	5754.9704	-5.14		Pass

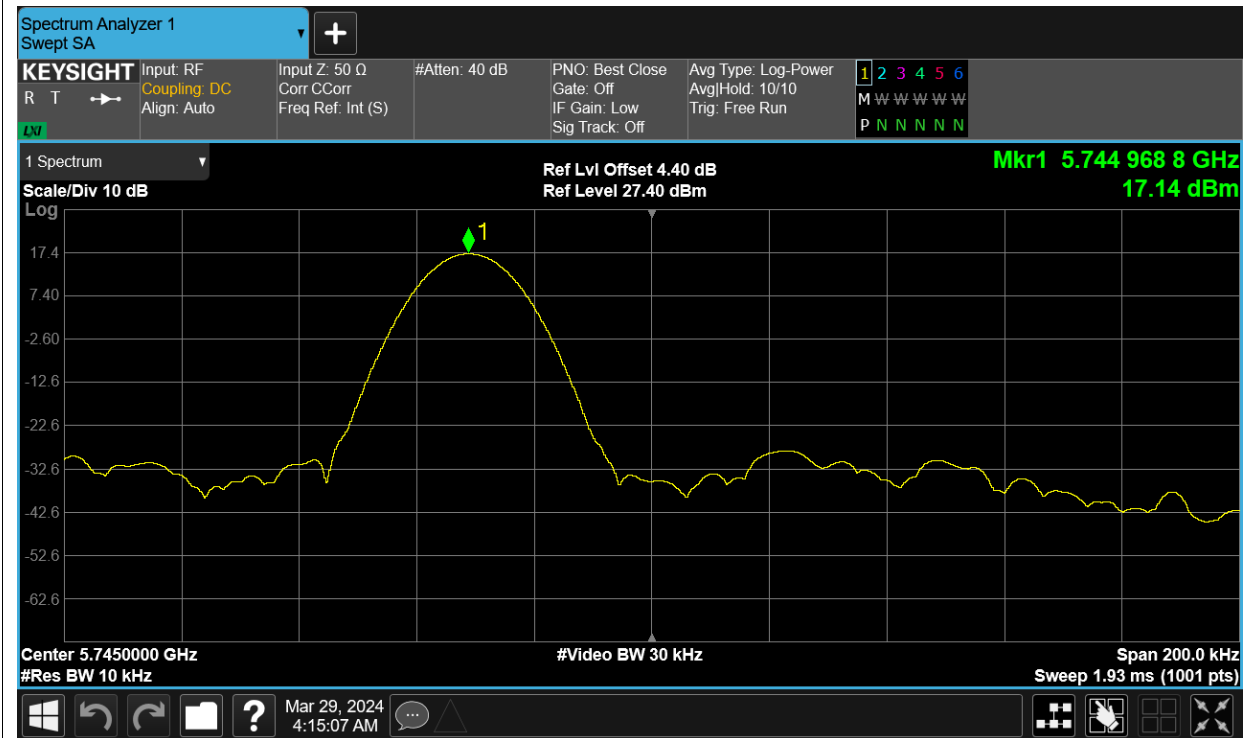
Remark: "NTNV" means Normal Temperature Normal Voltage, "NVHT" means Normal Voltage High Temperature, "NVLT" means Normal Voltage Low Temperature, "LVNT" means Low Voltage Normal Temperature, "HVNT" means High Voltage Normal Temperature.

Test Graphs

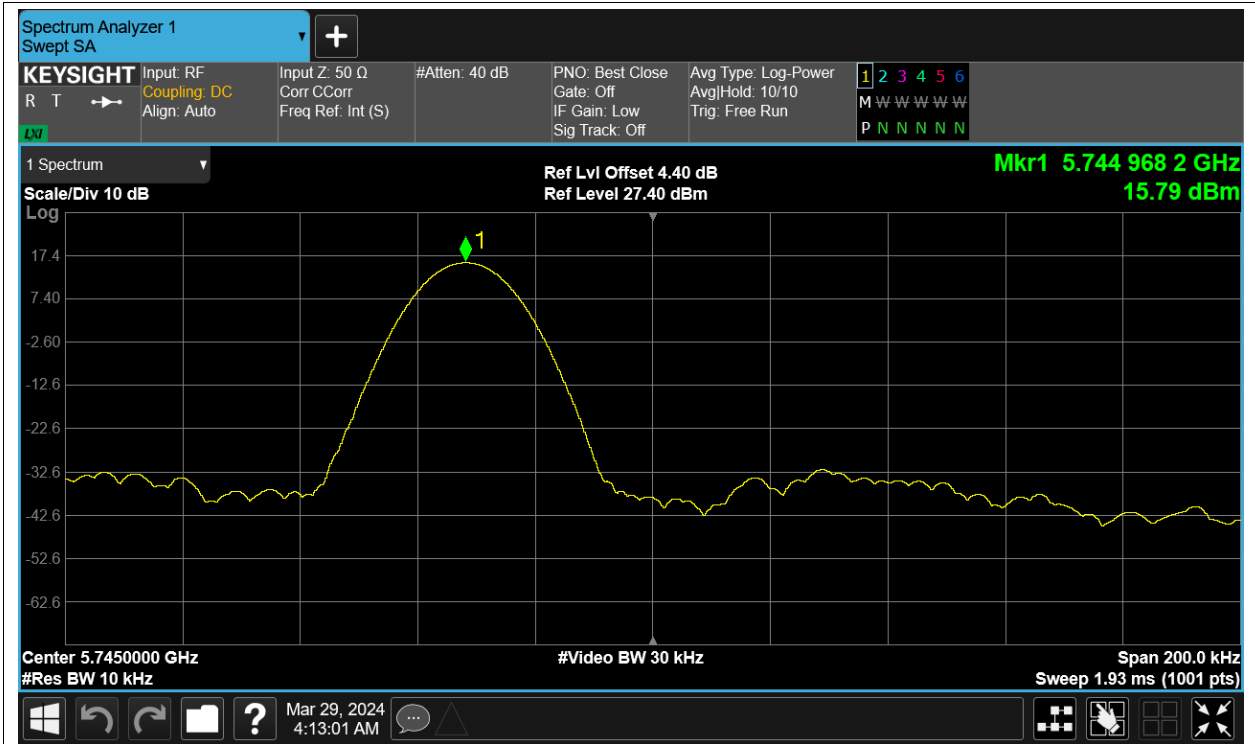
Freq. Stability HVNT a 5745MHz Ant12



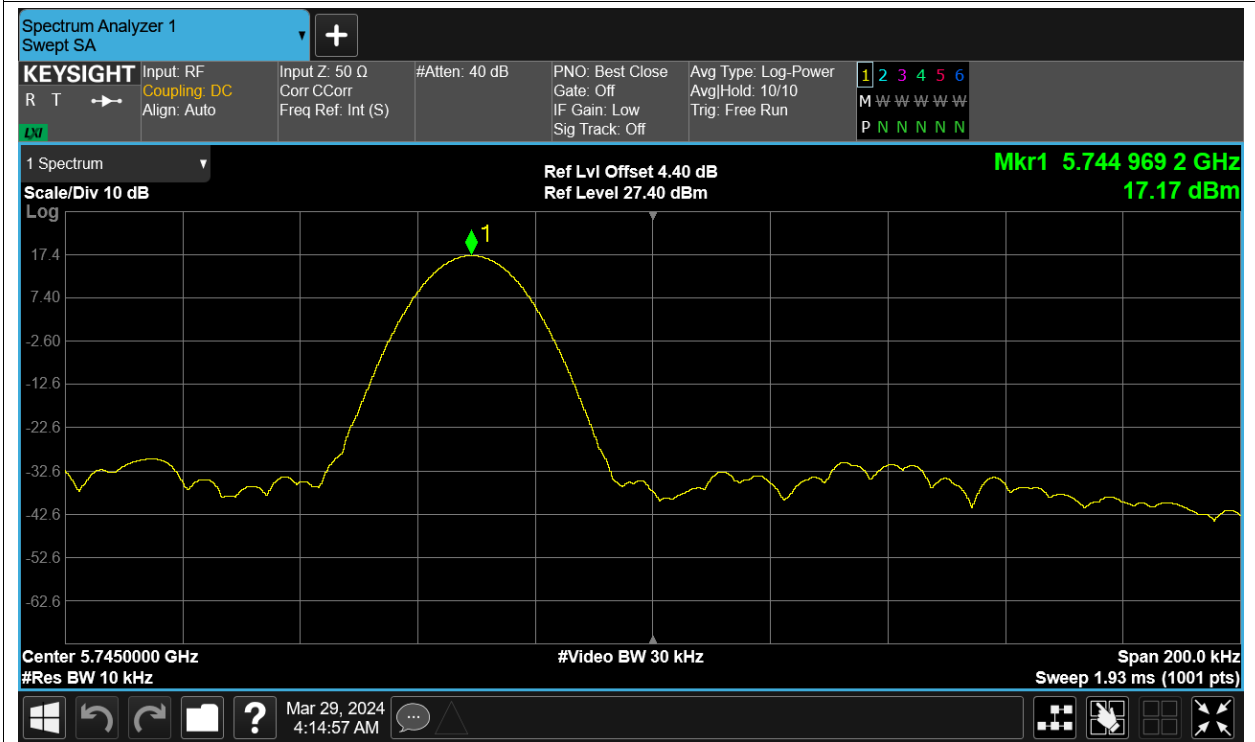
Freq. Stability HVNT a 5745MHz Ant4



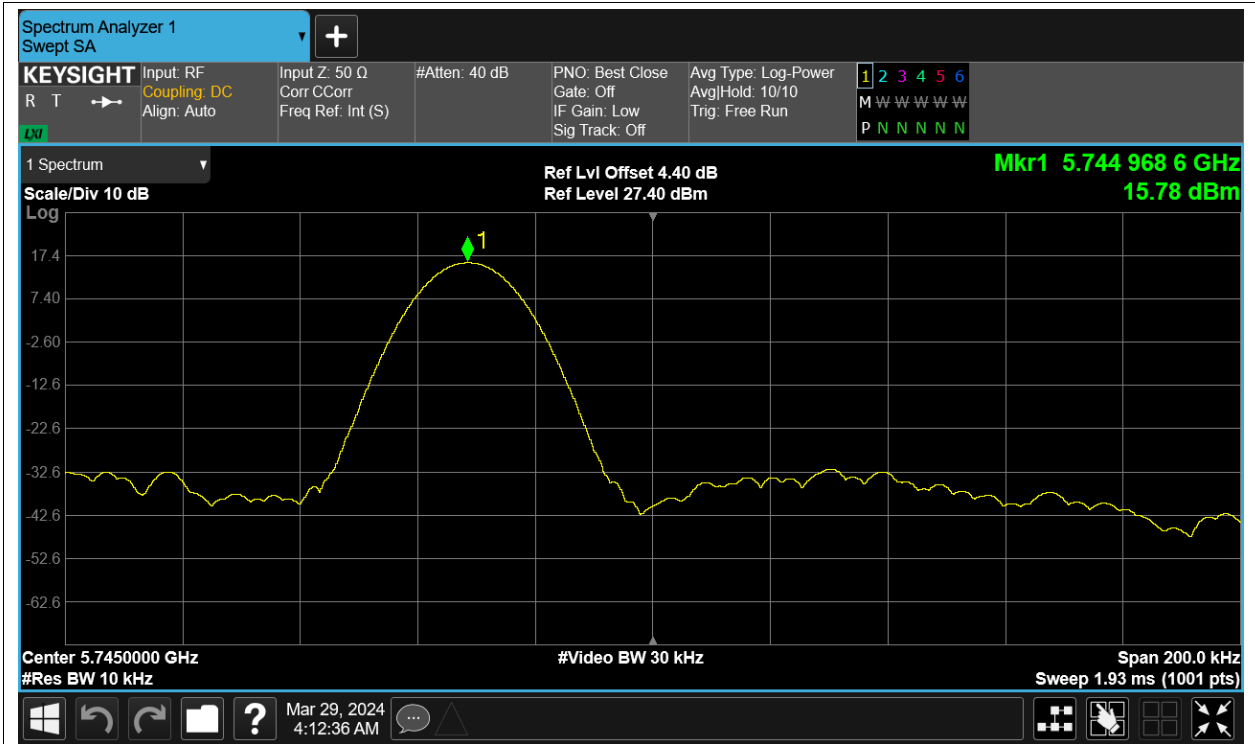
Freq. Stability LVNT a 5745MHz Ant12



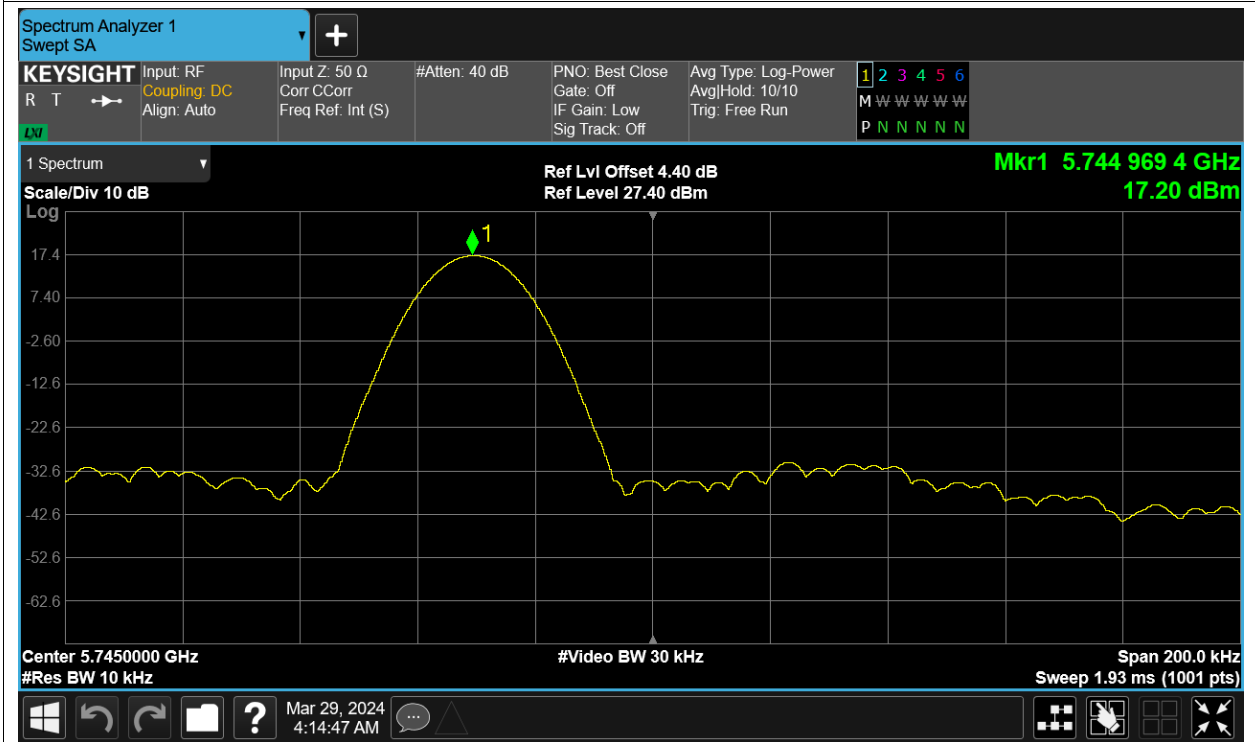
Freq. Stability LVNT a 5745MHz Ant4



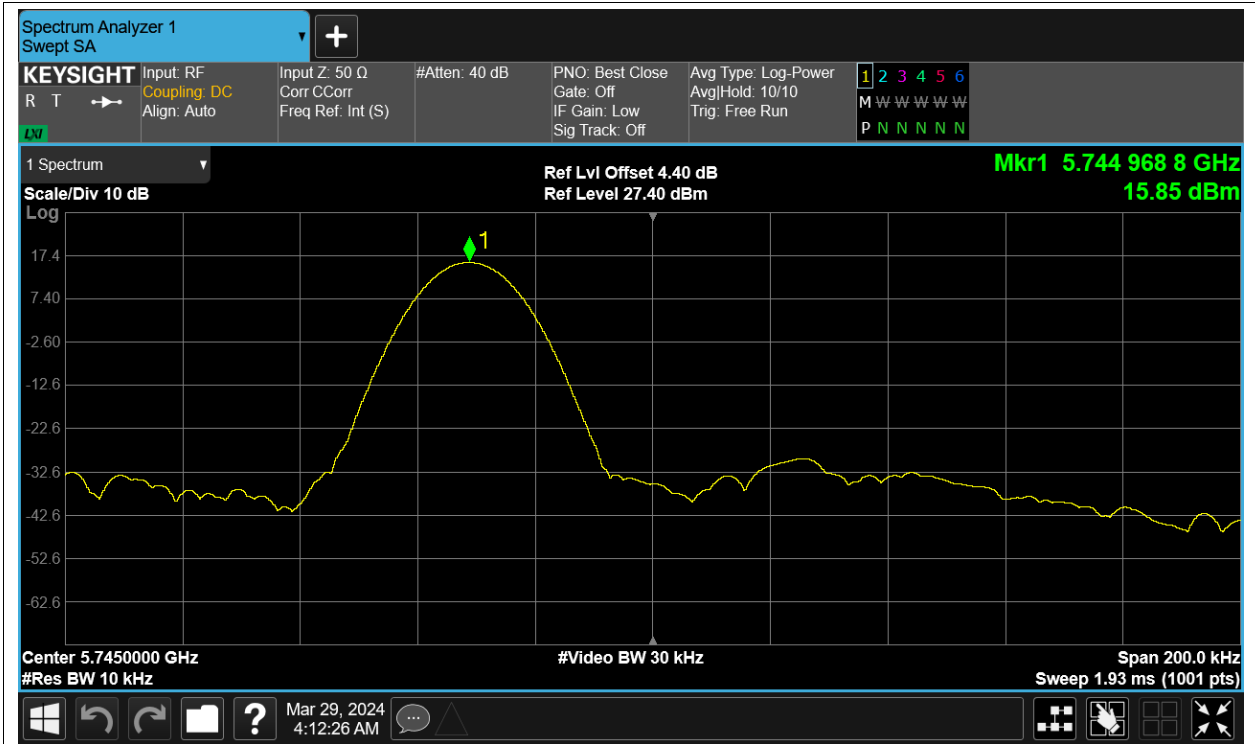
Freq. Stability NVHT a 5745MHz Ant12



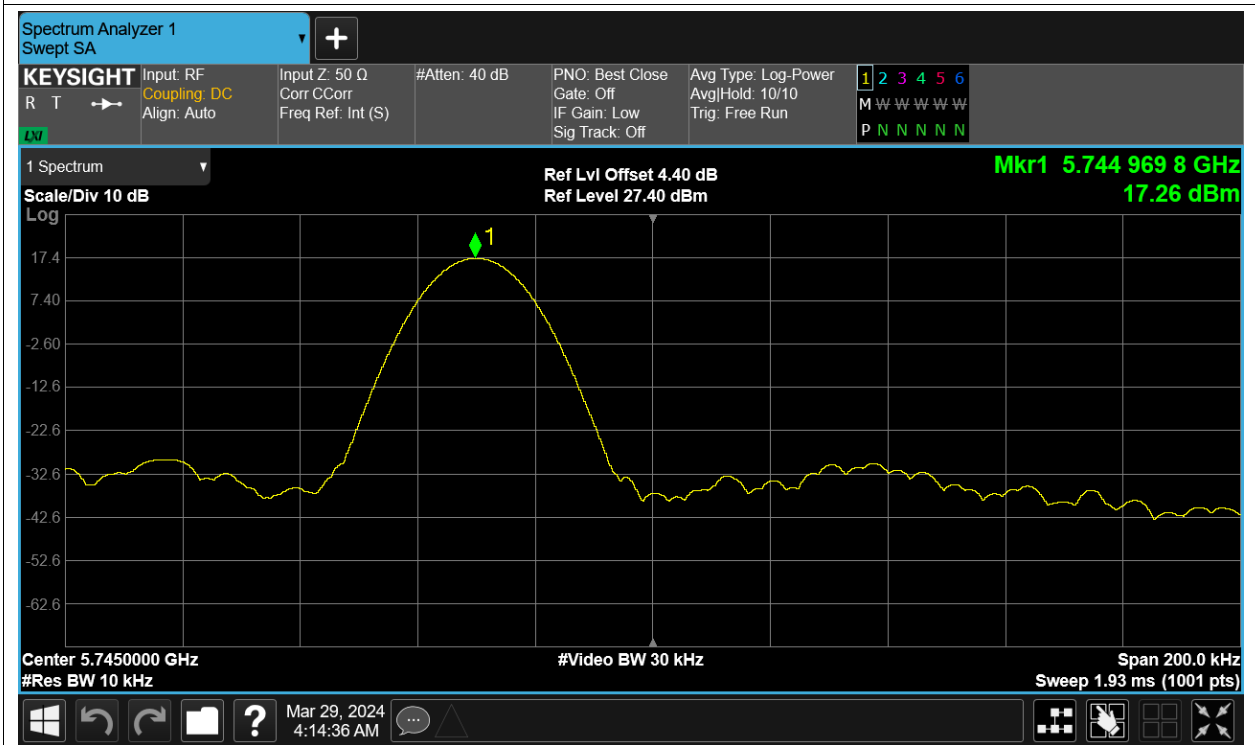
Freq. Stability NVHT a 5745MHz Ant4



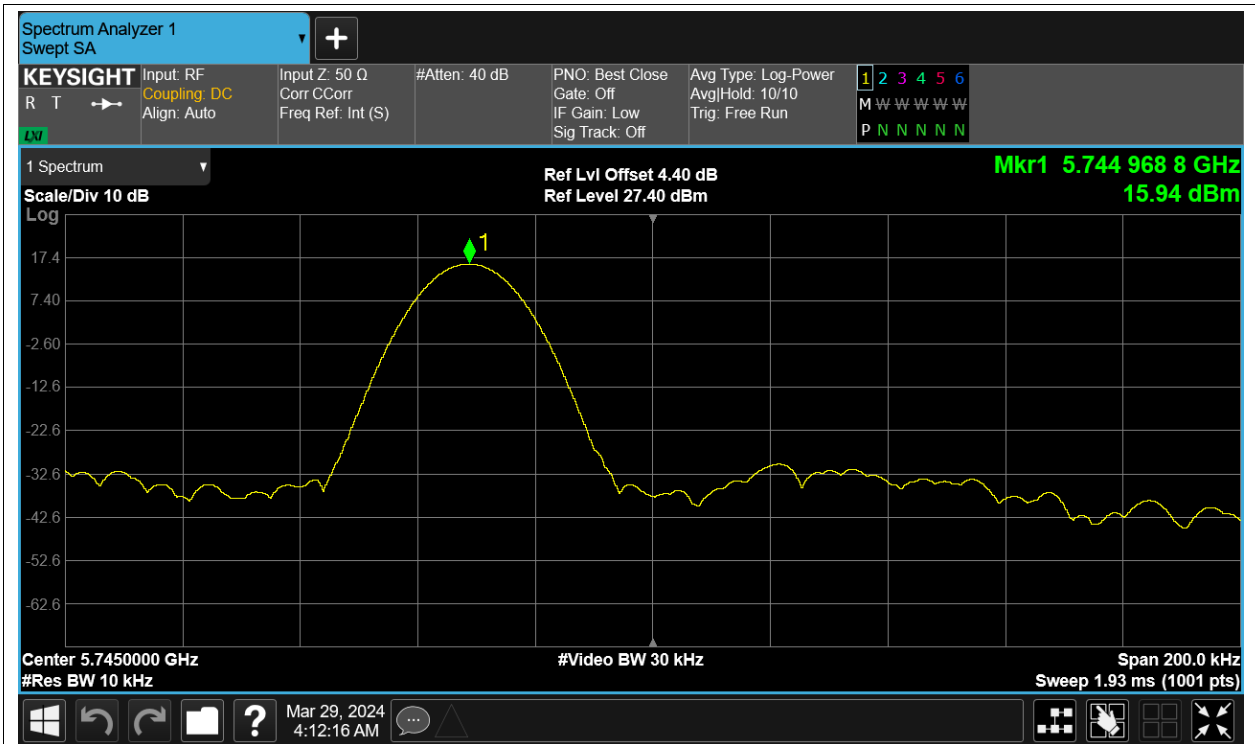
Freq. Stability NVLT a 5745MHz Ant12



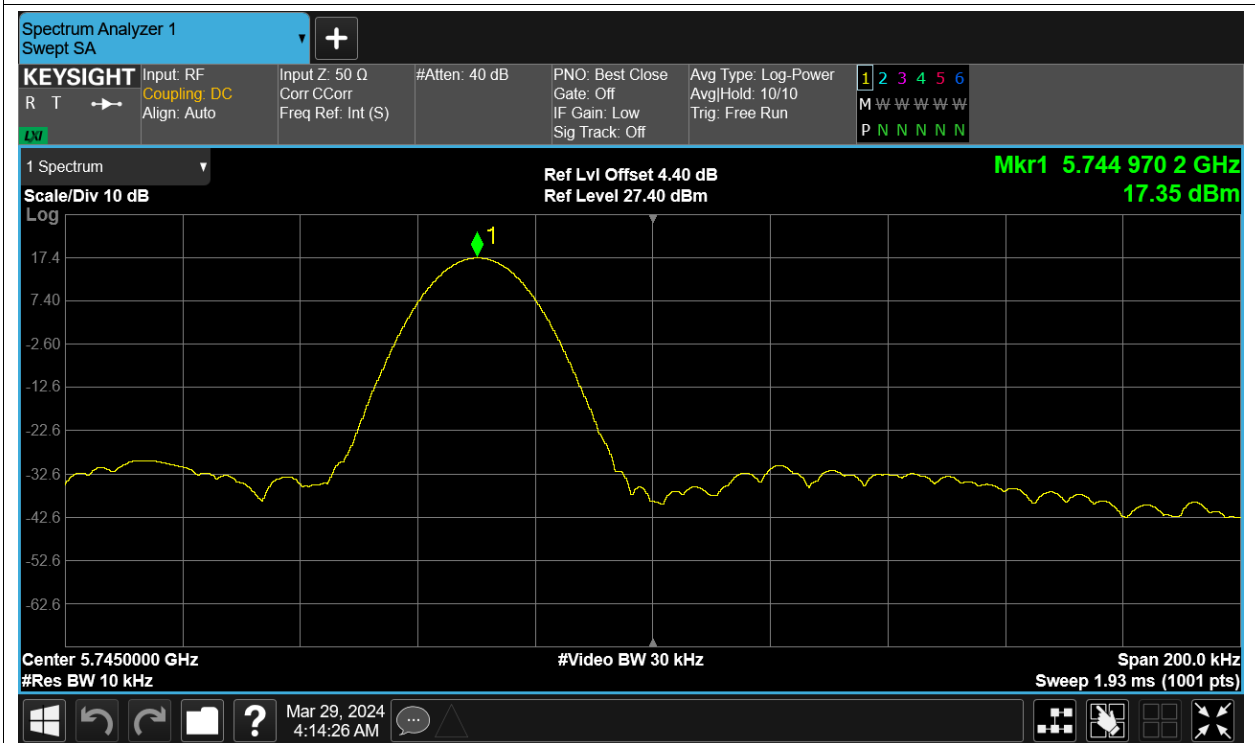
Freq. Stability NVLT a 5745MHz Ant4



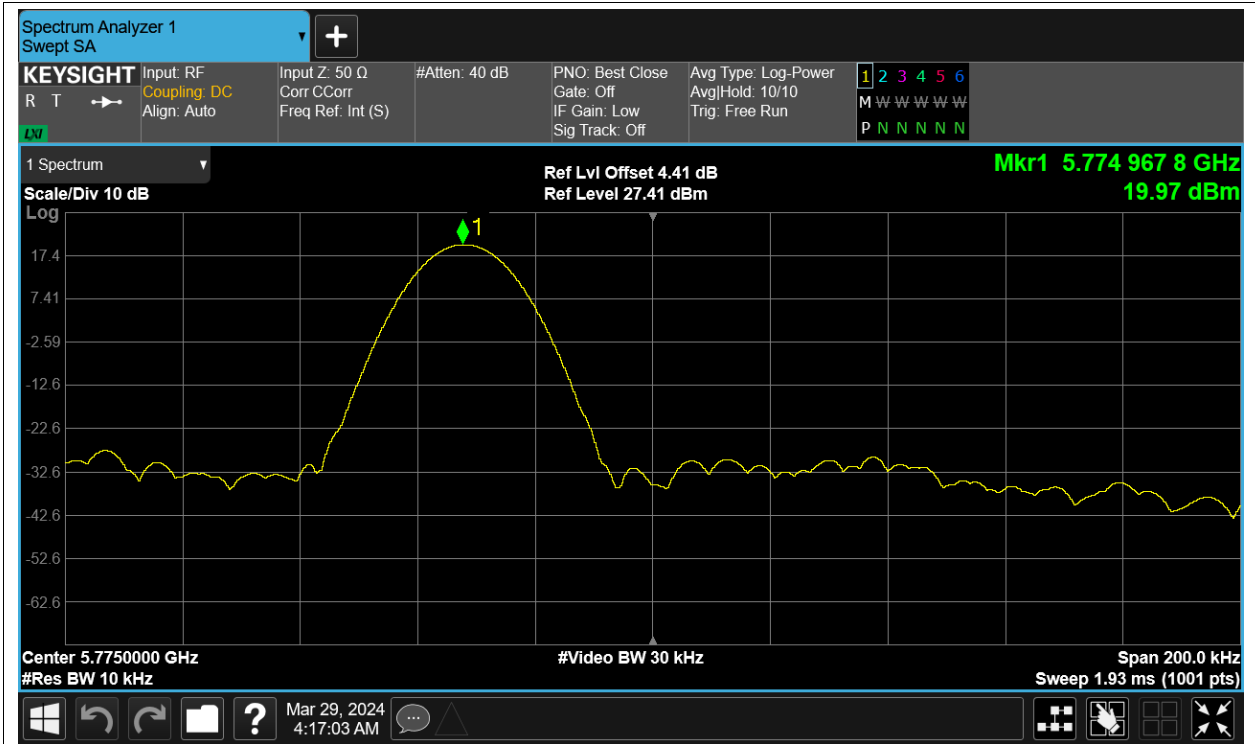
Freq. Stability NVNT a 5745MHz Ant12



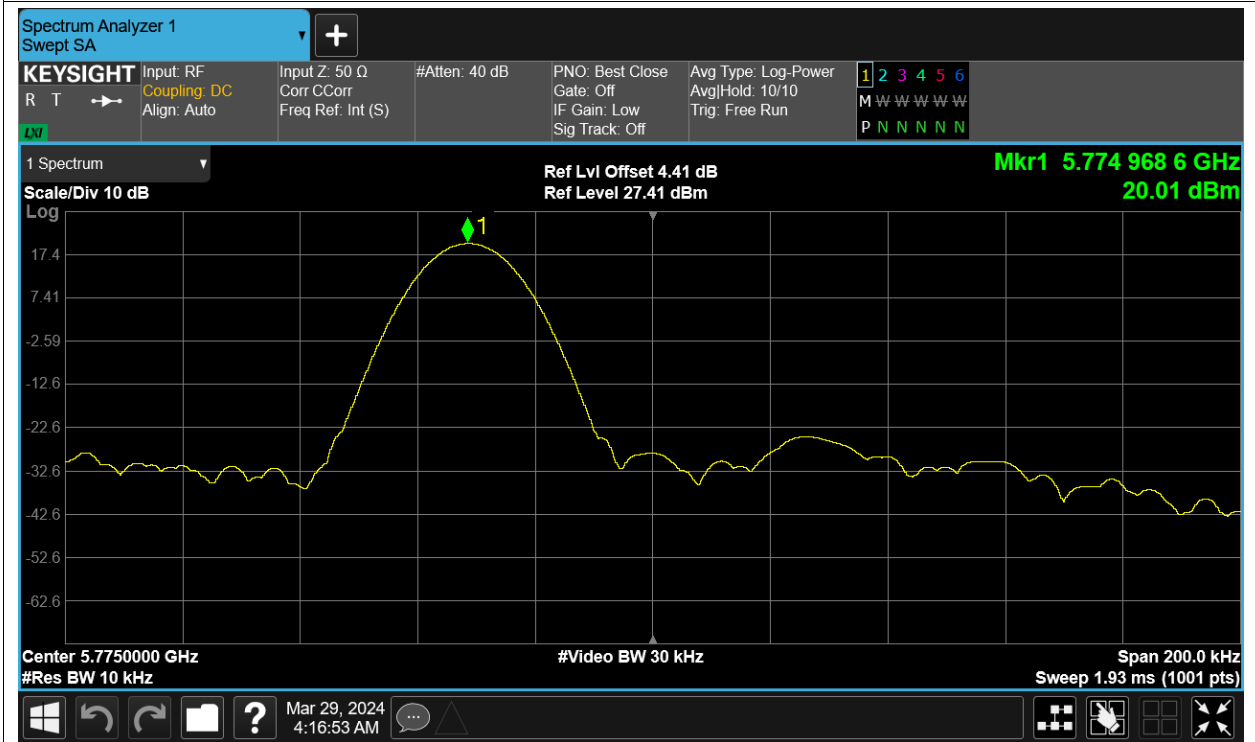
Freq. Stability NVNT a 5745MHz Ant4



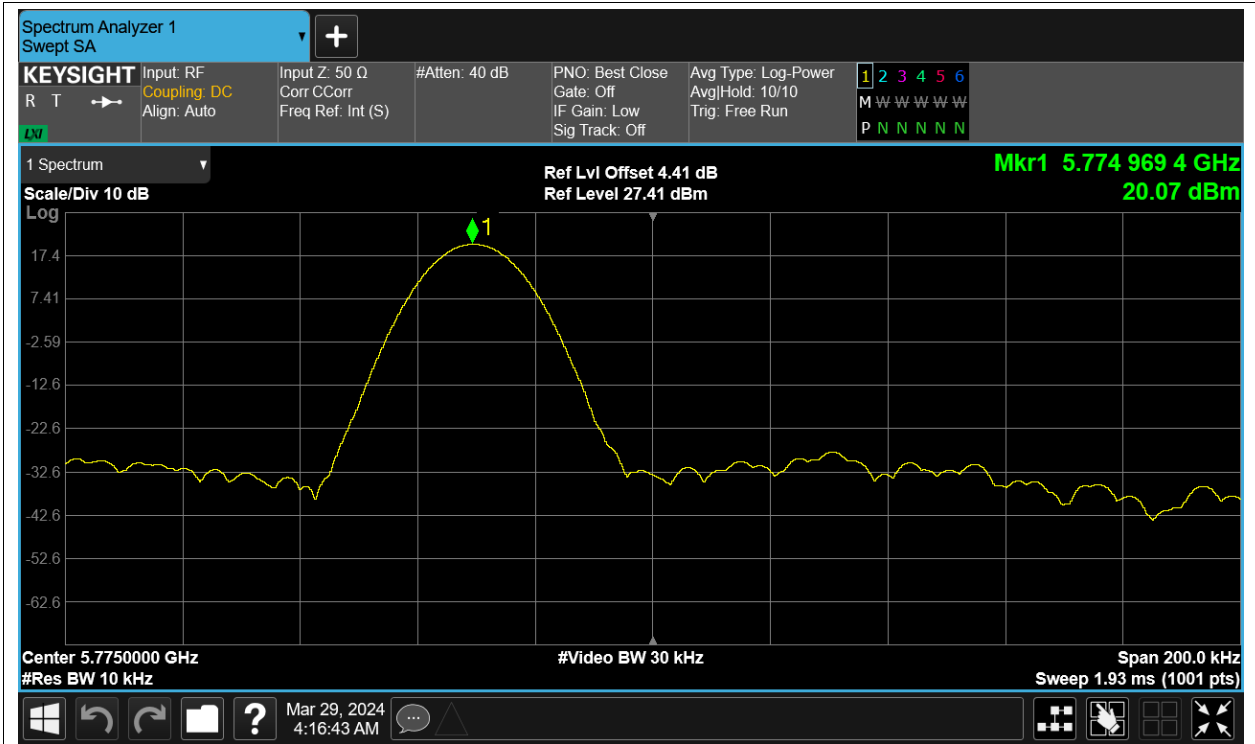
Freq. Stability HVNT ax80 5775MHz Sum



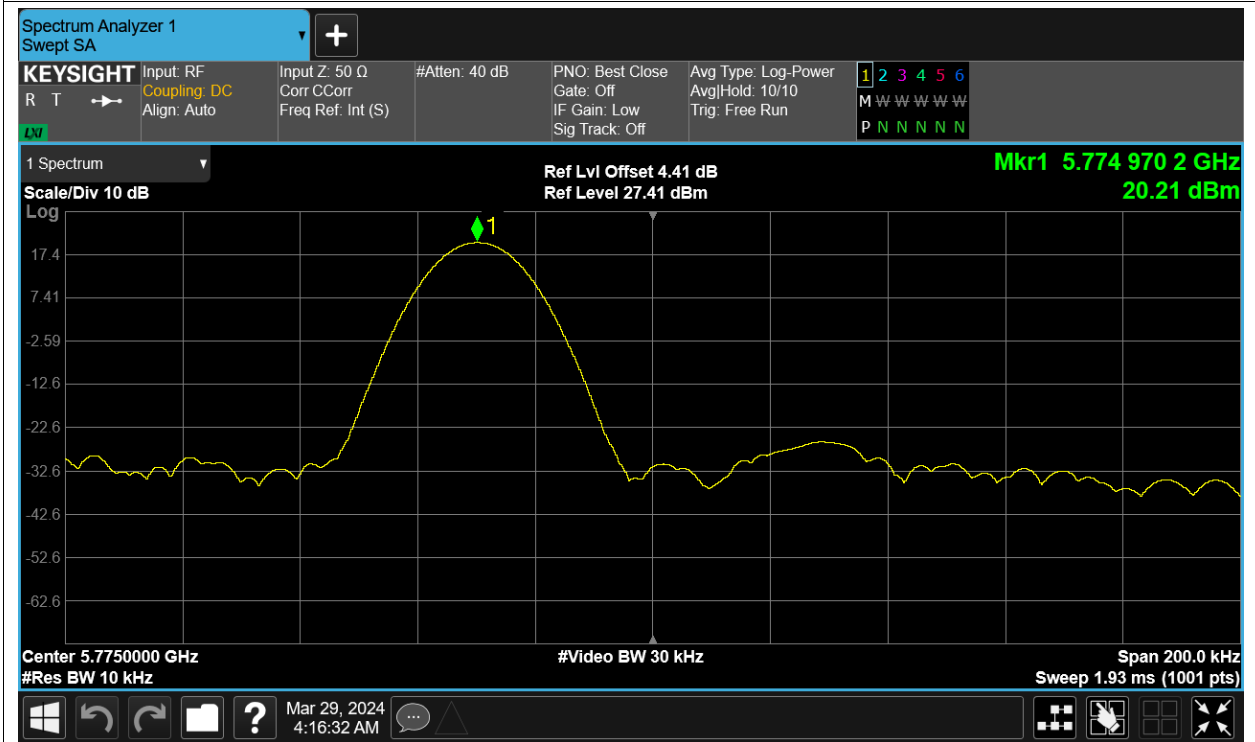
Freq. Stability LVNT ax80 5775MHz Sum



Freq. Stability NVHT ax80 5775MHz Sum

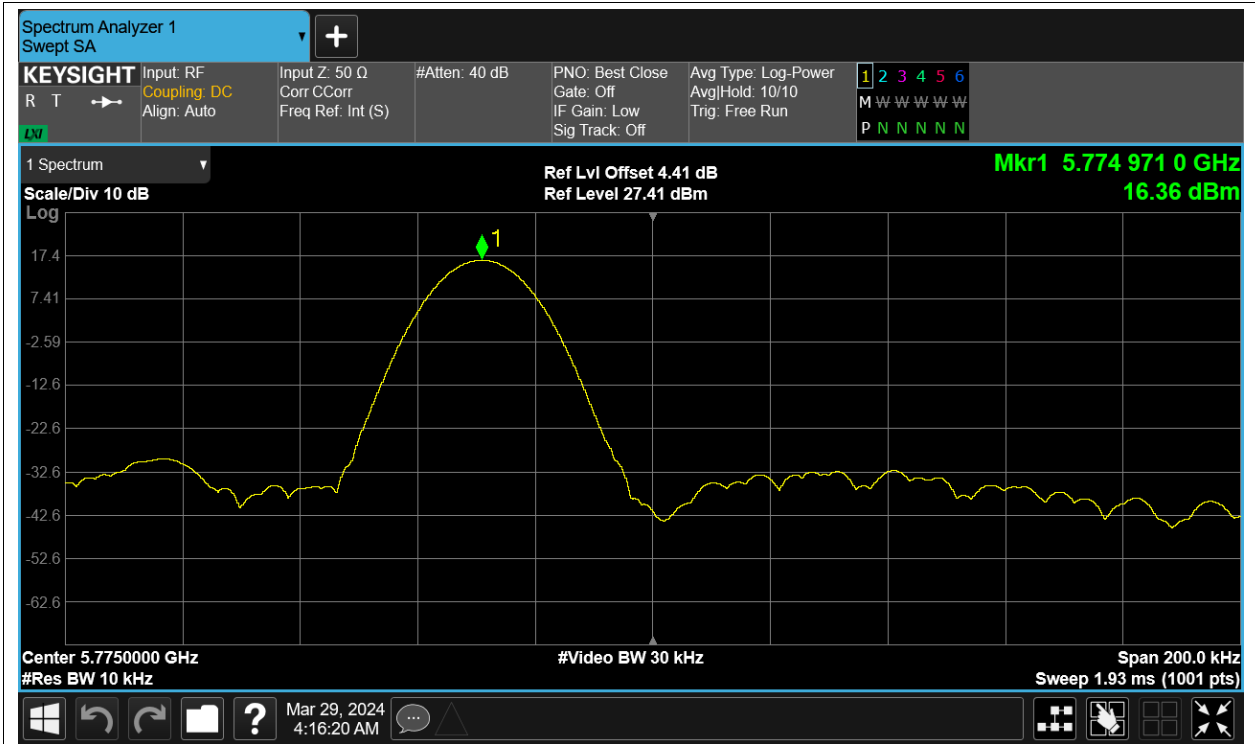


Freq. Stability NVLT ax80 5775MHz Sum

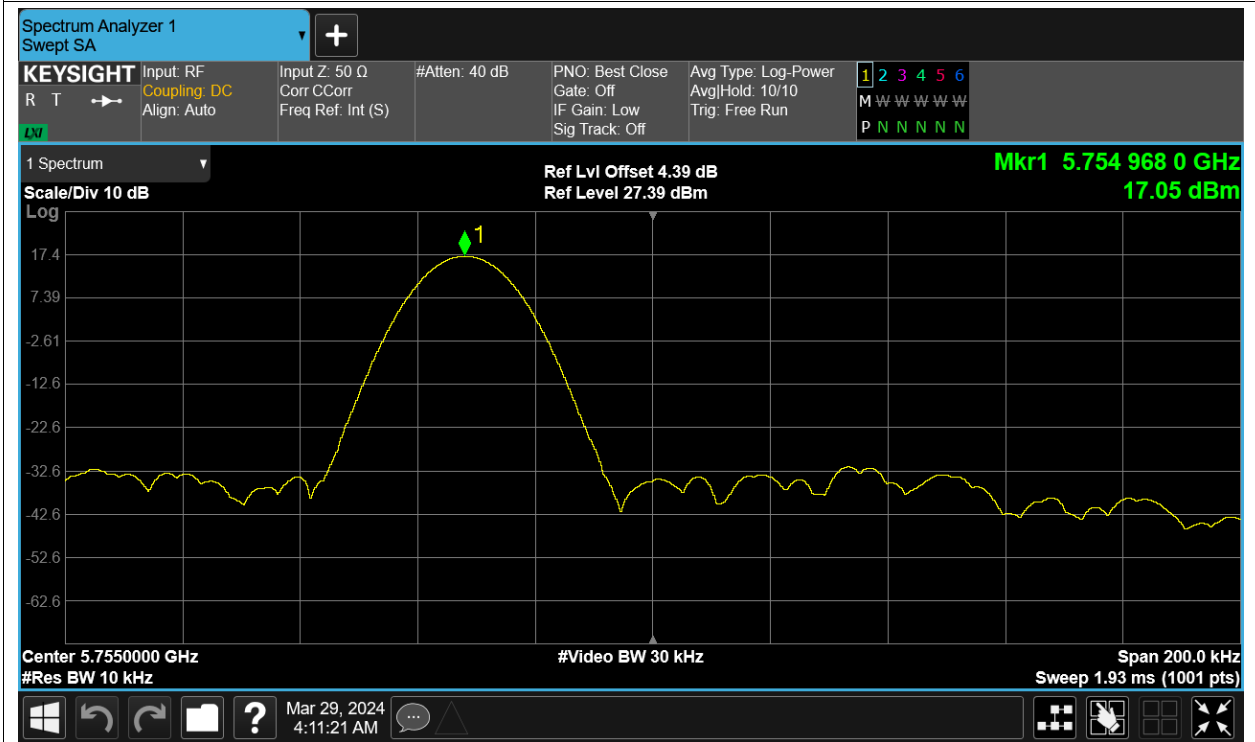


Freq. Stability NVNT ax80 5775MHz Sum

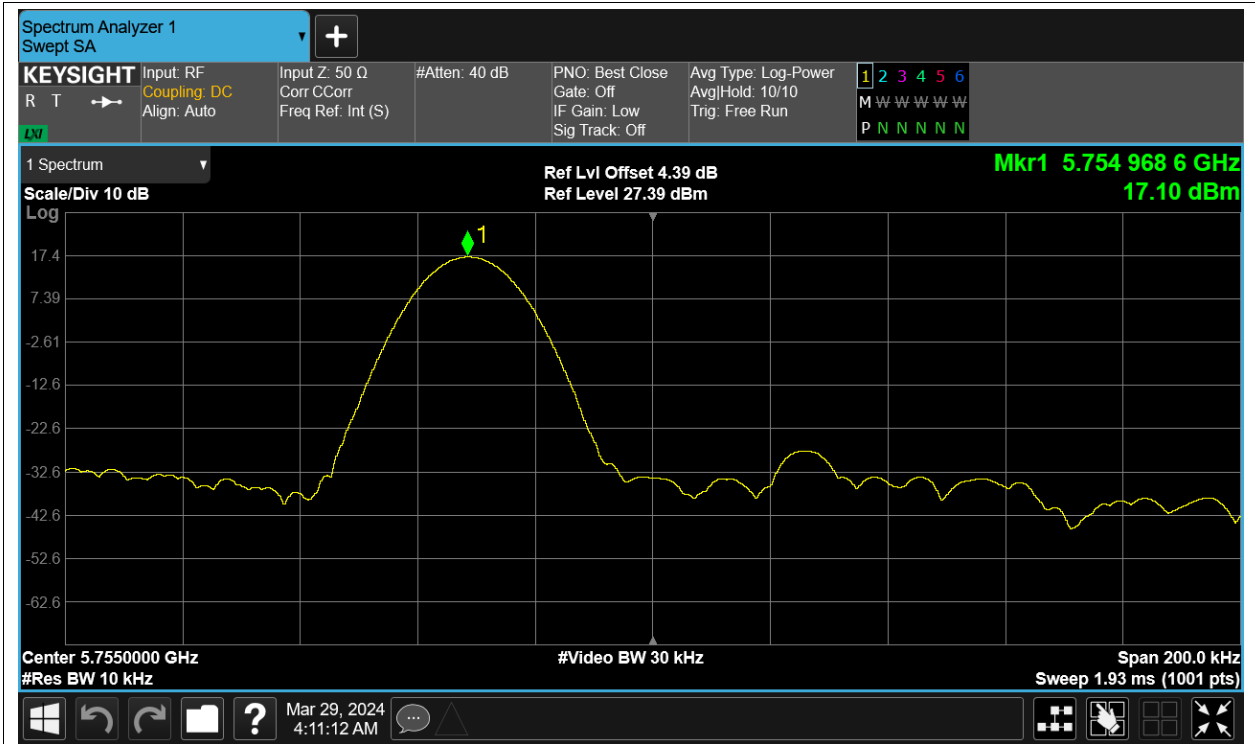




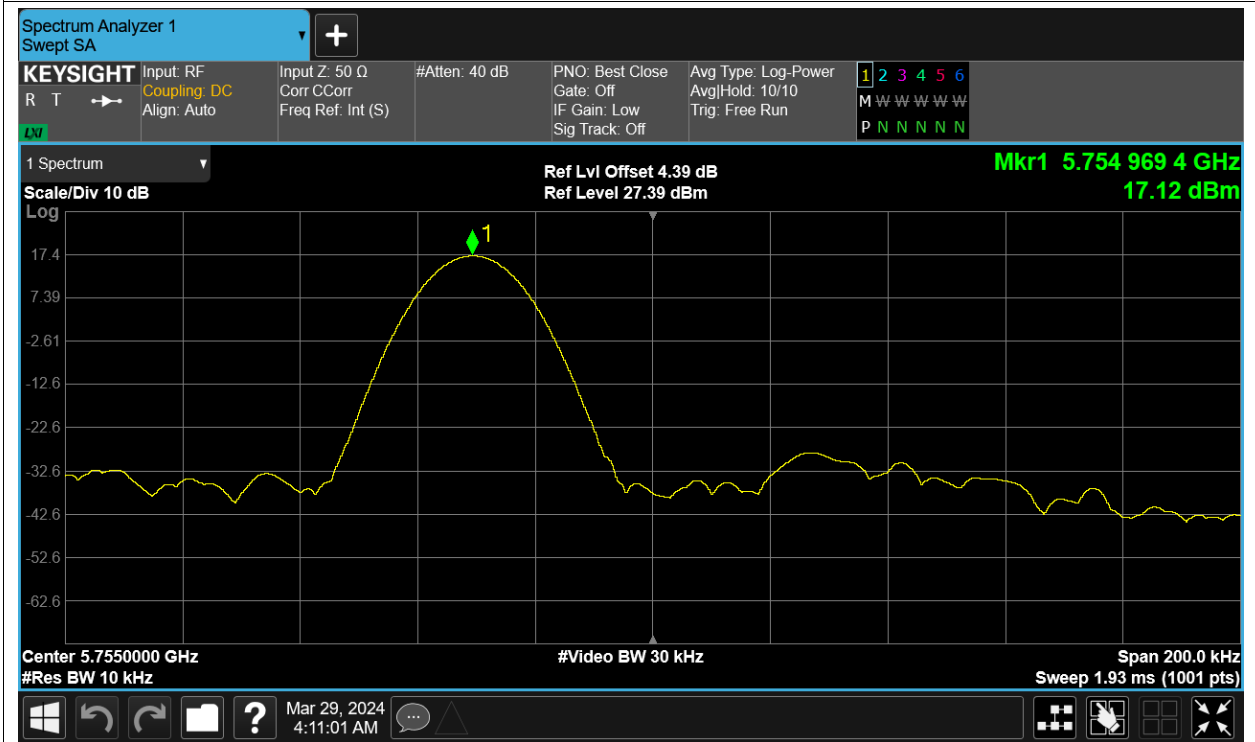
Freq. Stability HVNT n40 5755MHz Sum



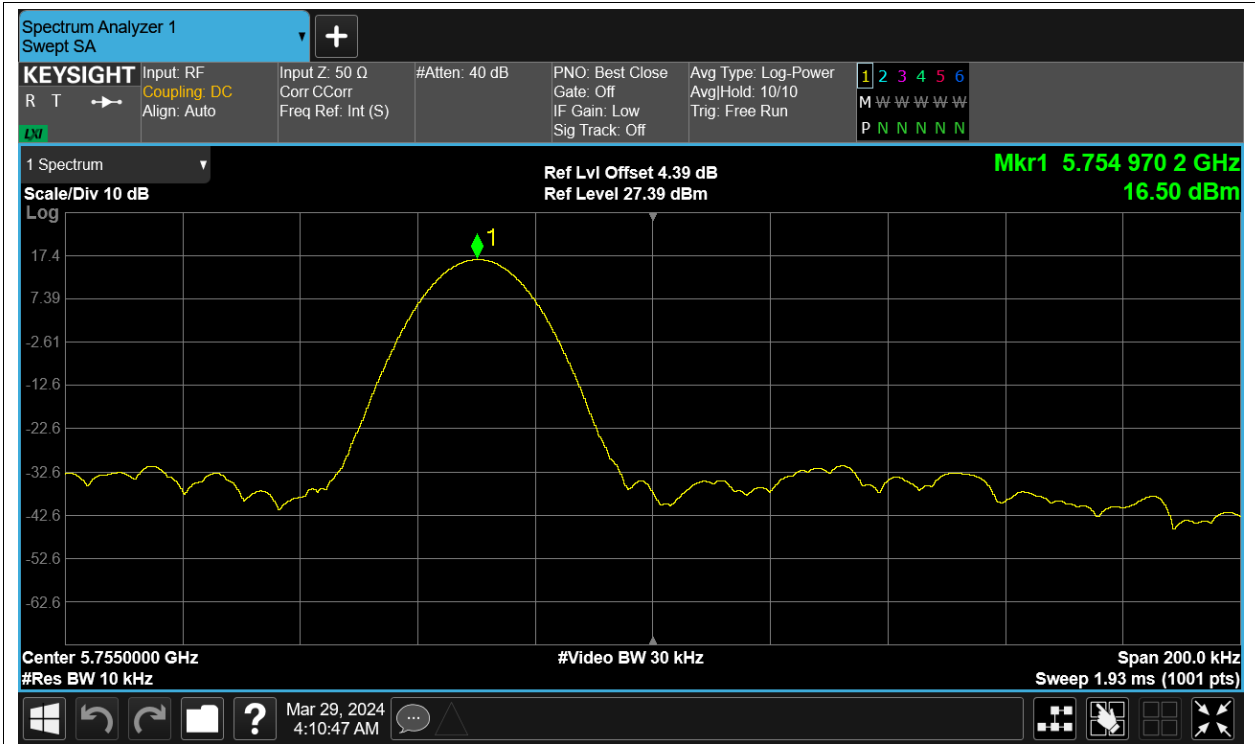
Freq. Stability LVNT n40 5755MHz Sum



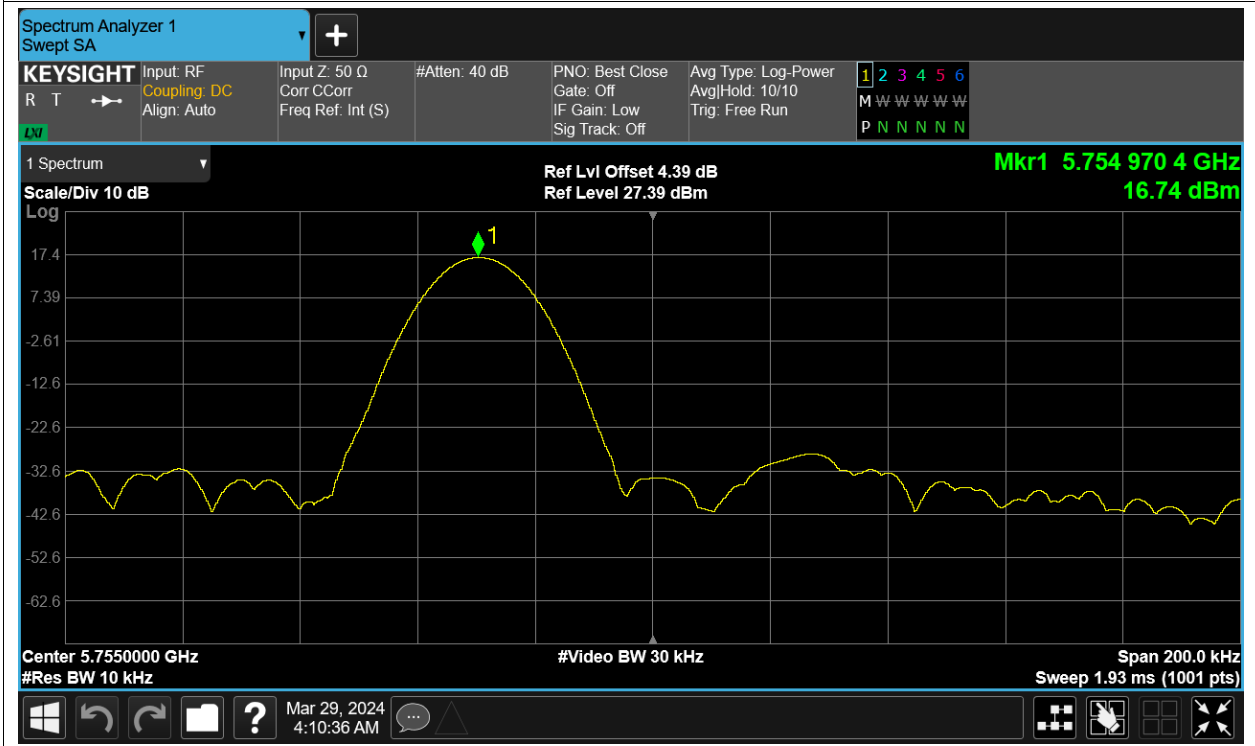
Freq. Stability NVHT n40 5755MHz Sum



Freq. Stability NVLT n40 5755MHz Sum



Freq. Stability NVNT n40 5755MHz Sum

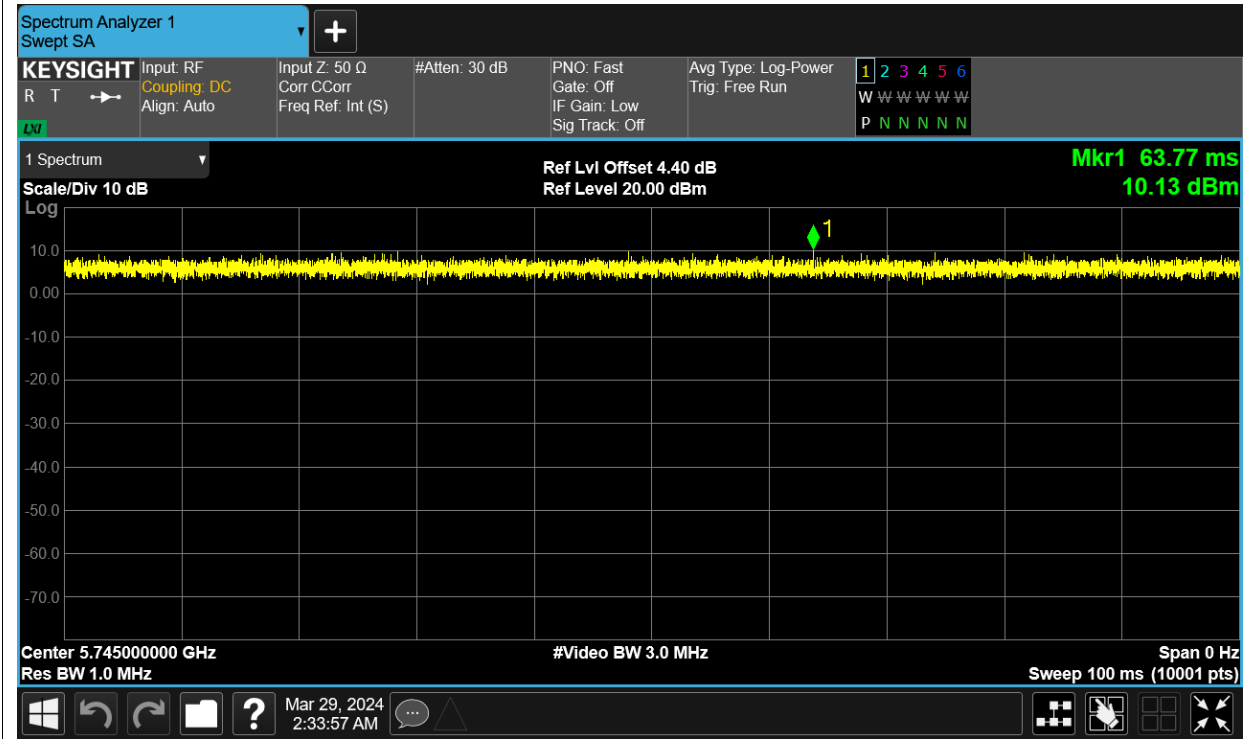


## Duty Cycle

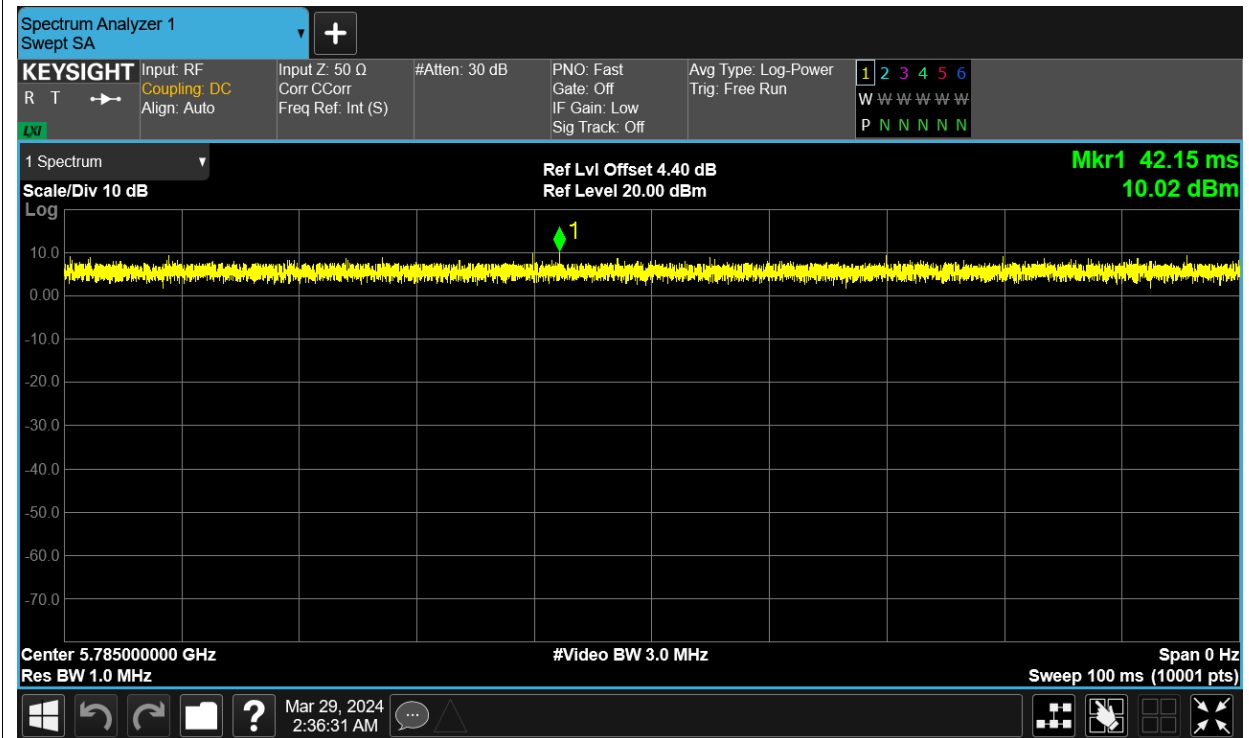
Condition	Mode	Frequency (MHz)	Antenna	Duty Cycle (%)	Correction Factor (dB)
NVNT	a	5745	Ant12	100	0
NVNT	a	5785	Ant12	100	0
NVNT	a	5825	Ant12	100	0
NVNT	a	5745	Ant4	100	0
NVNT	a	5785	Ant4	100	0
NVNT	a	5825	Ant4	100	0
NVNT	ac20	5745	Sum	100	0
NVNT	ac20	5785	Sum	100	0
NVNT	ac20	5825	Sum	100	0
NVNT	ac40	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

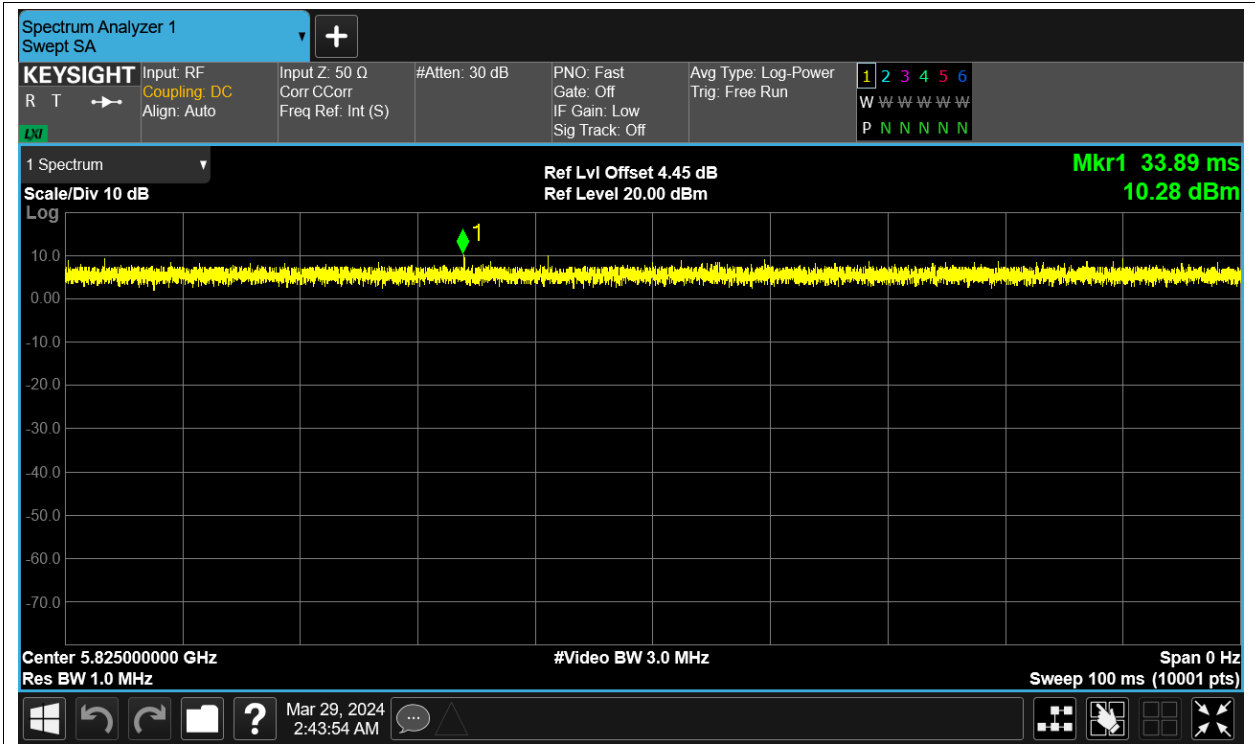
Duty Cycle NVNT a 5745MHz Ant12



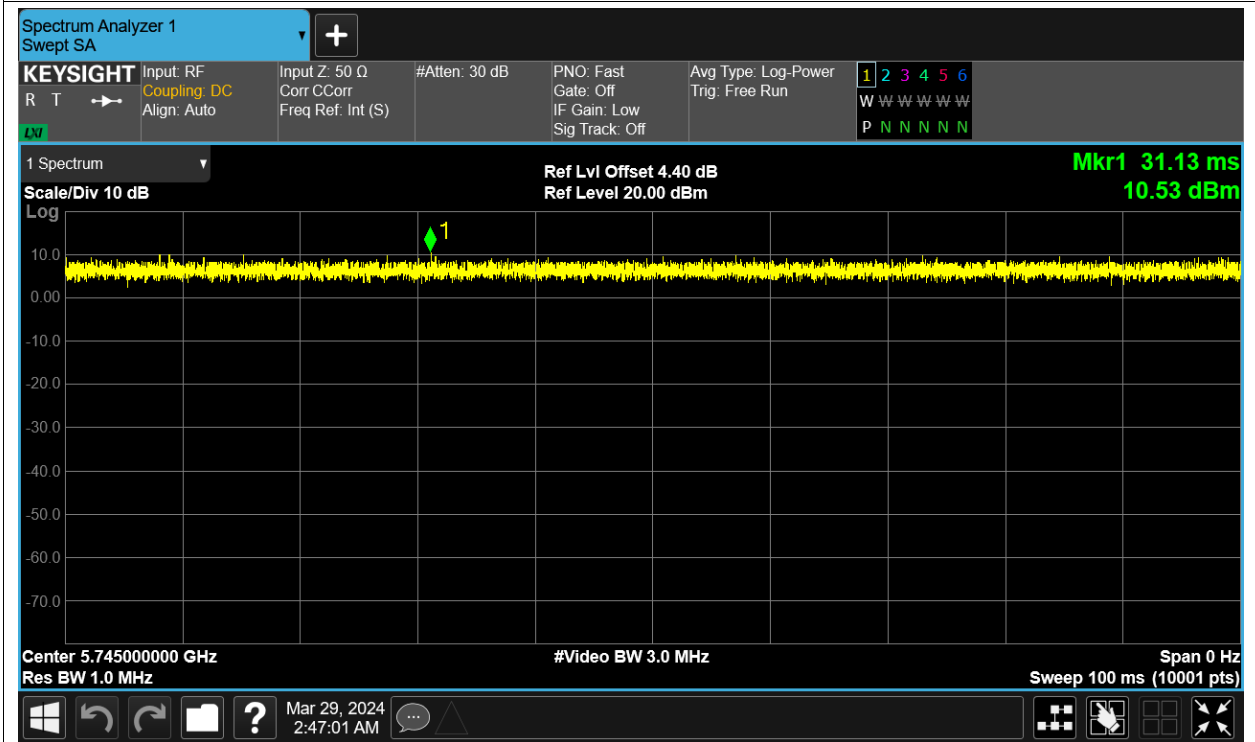
Duty Cycle NVNT a 5785MHz Ant12



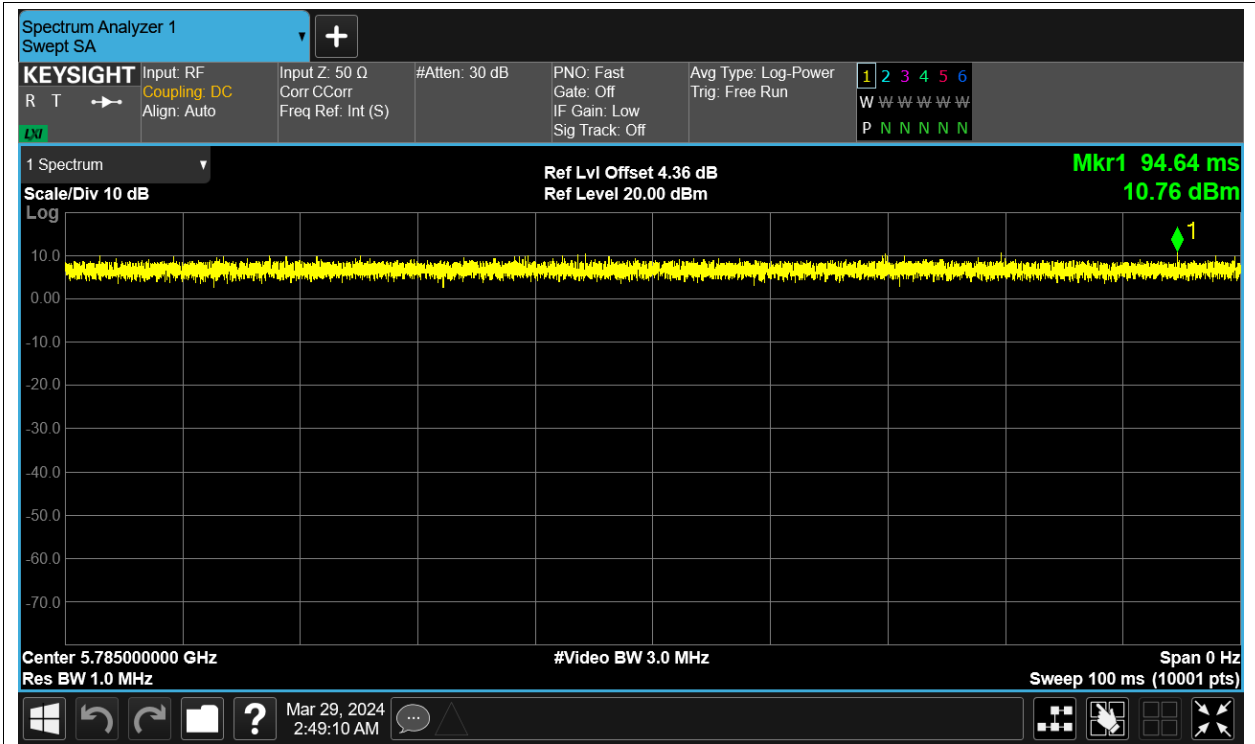
Duty Cycle NVNT a 5825MHz Ant12



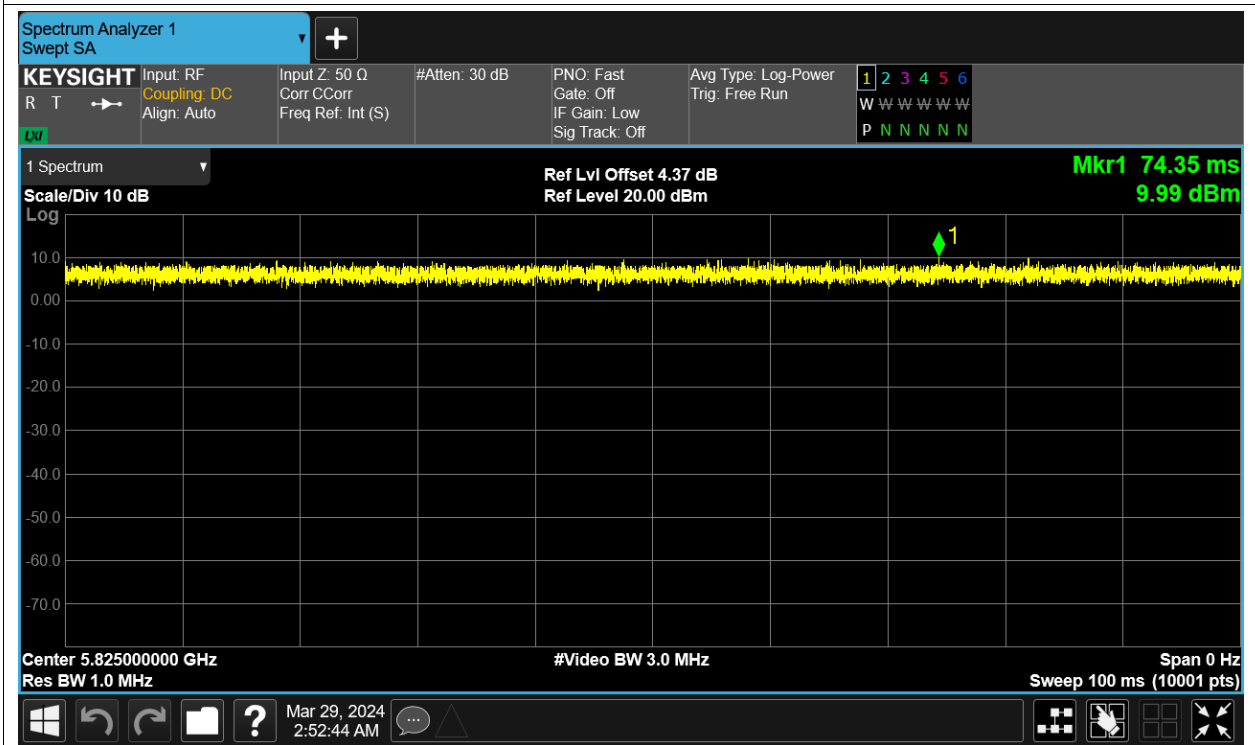
Duty Cycle NVNT a 5745MHz Ant4



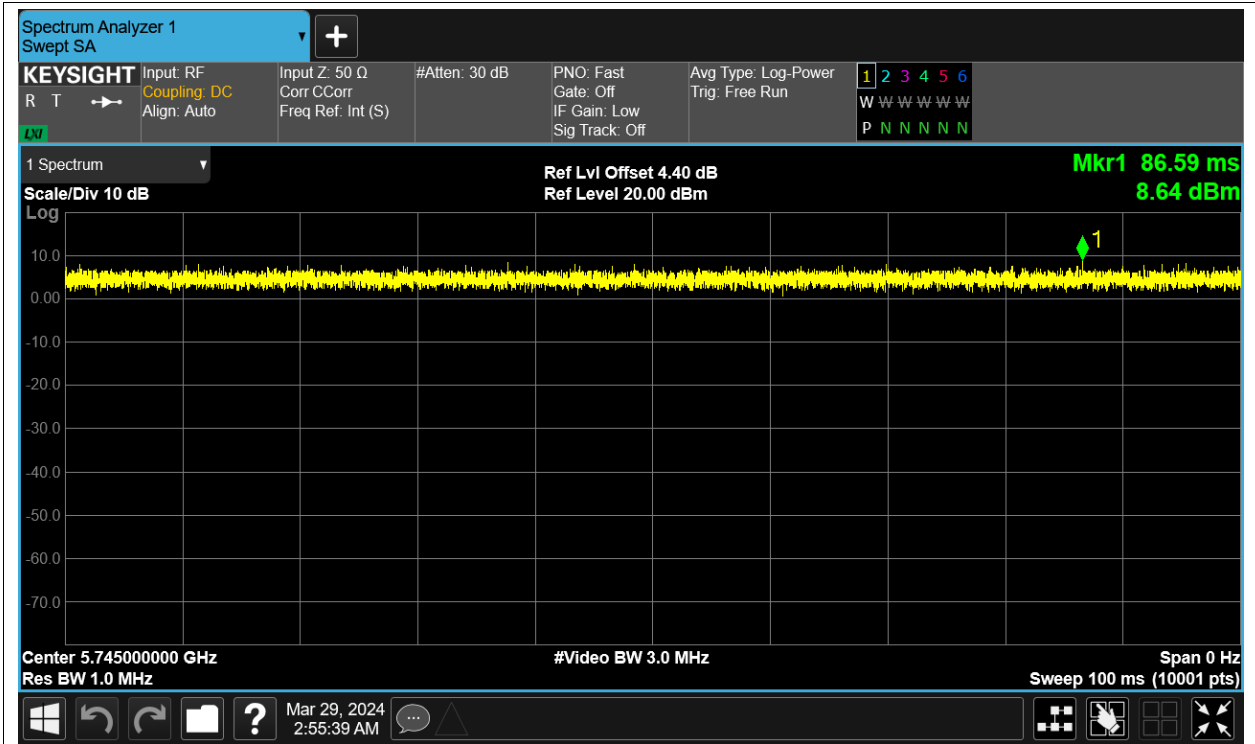
Duty Cycle NVNT a 5785MHz Ant4



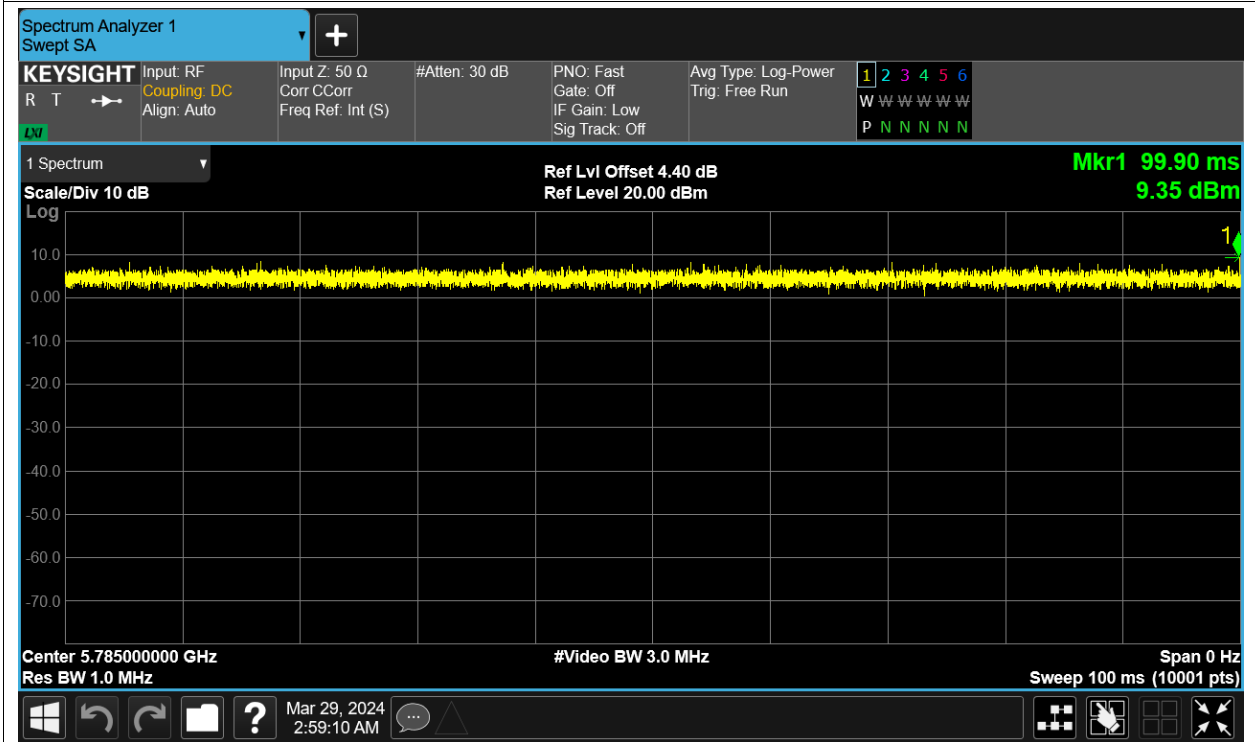
Duty Cycle NVNT a 5825MHz Ant4



Duty Cycle NVNT ac20 5745MHz Sum

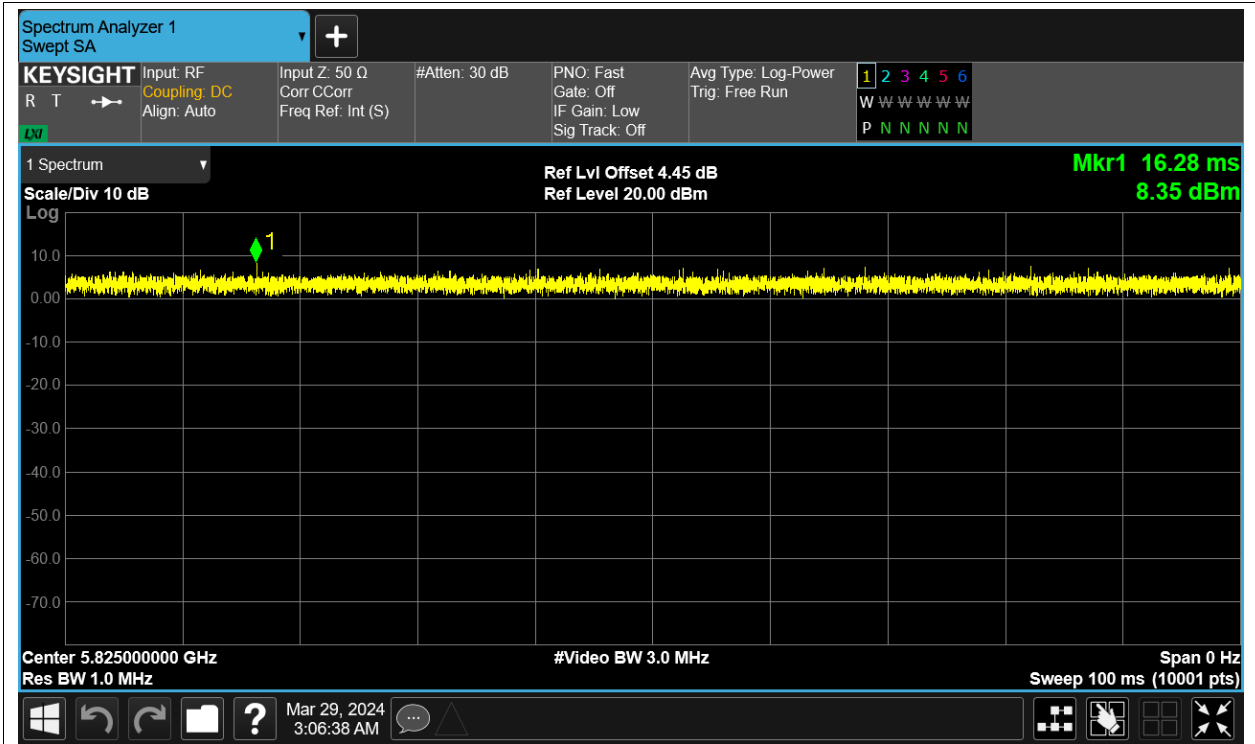


Duty Cycle NVNT ac20 5785MHz Sum

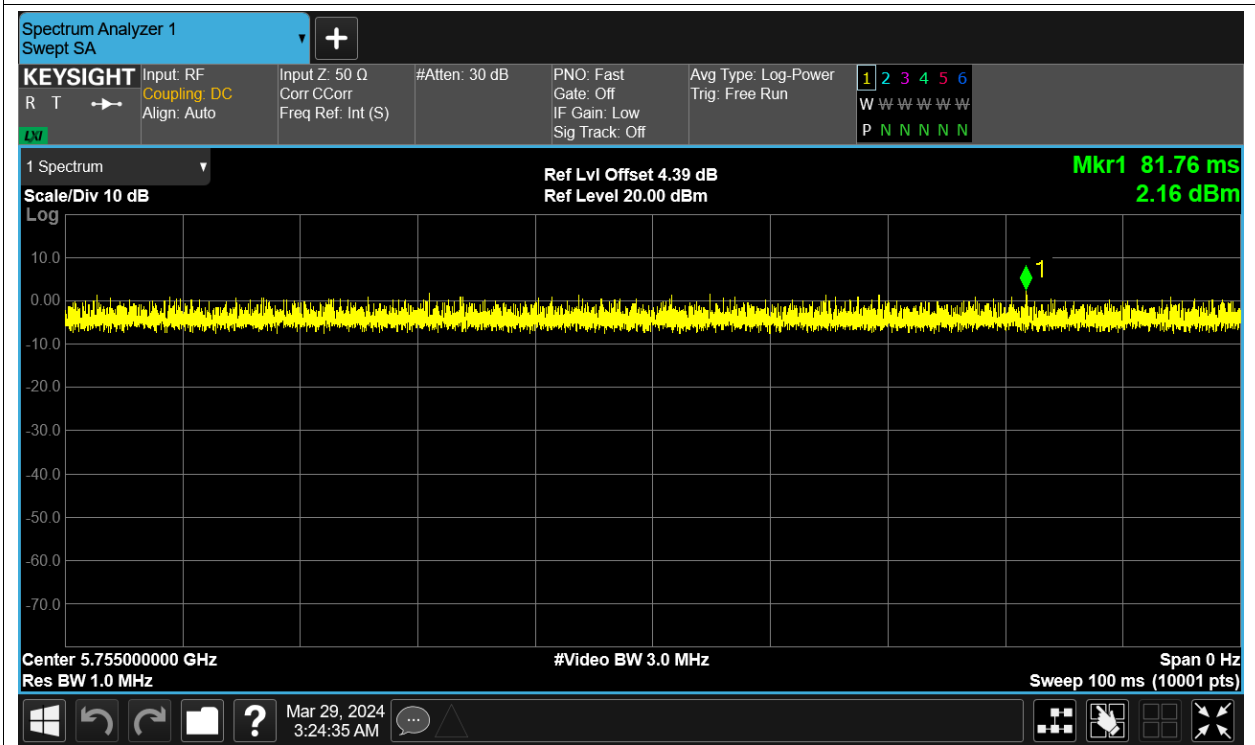


Duty Cycle NVNT ac20 5825MHz Sum

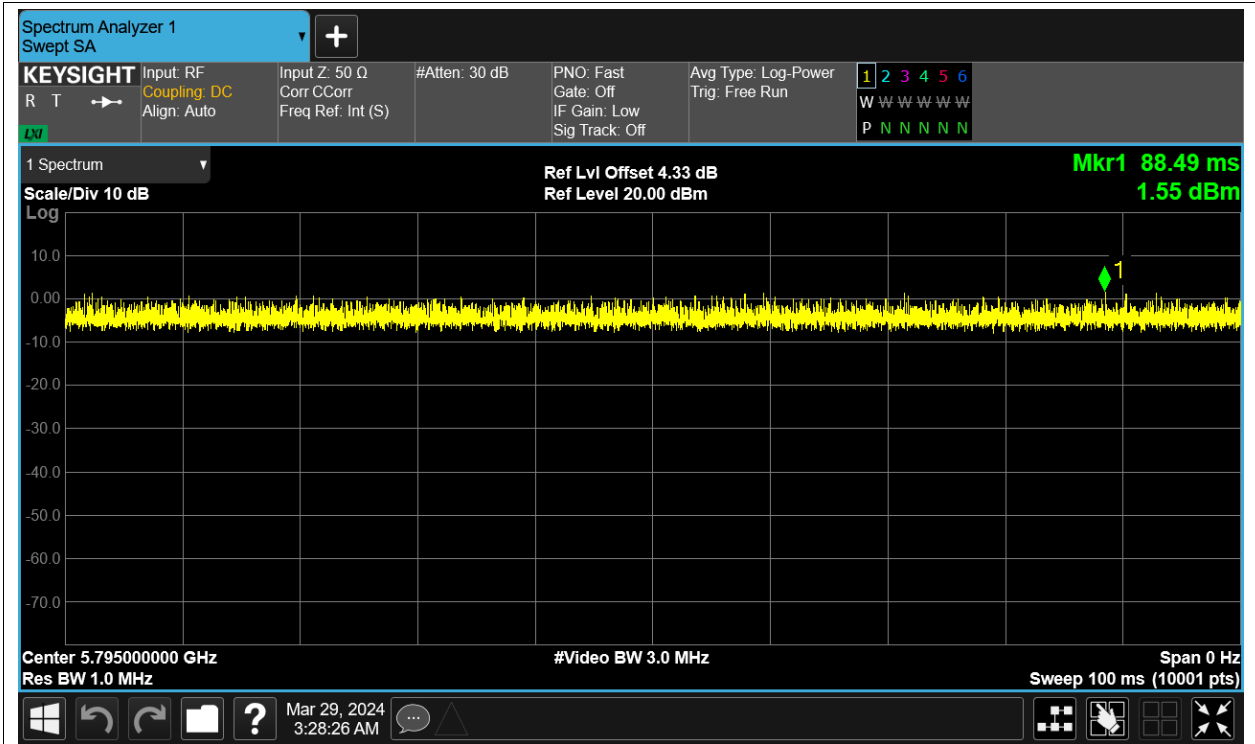




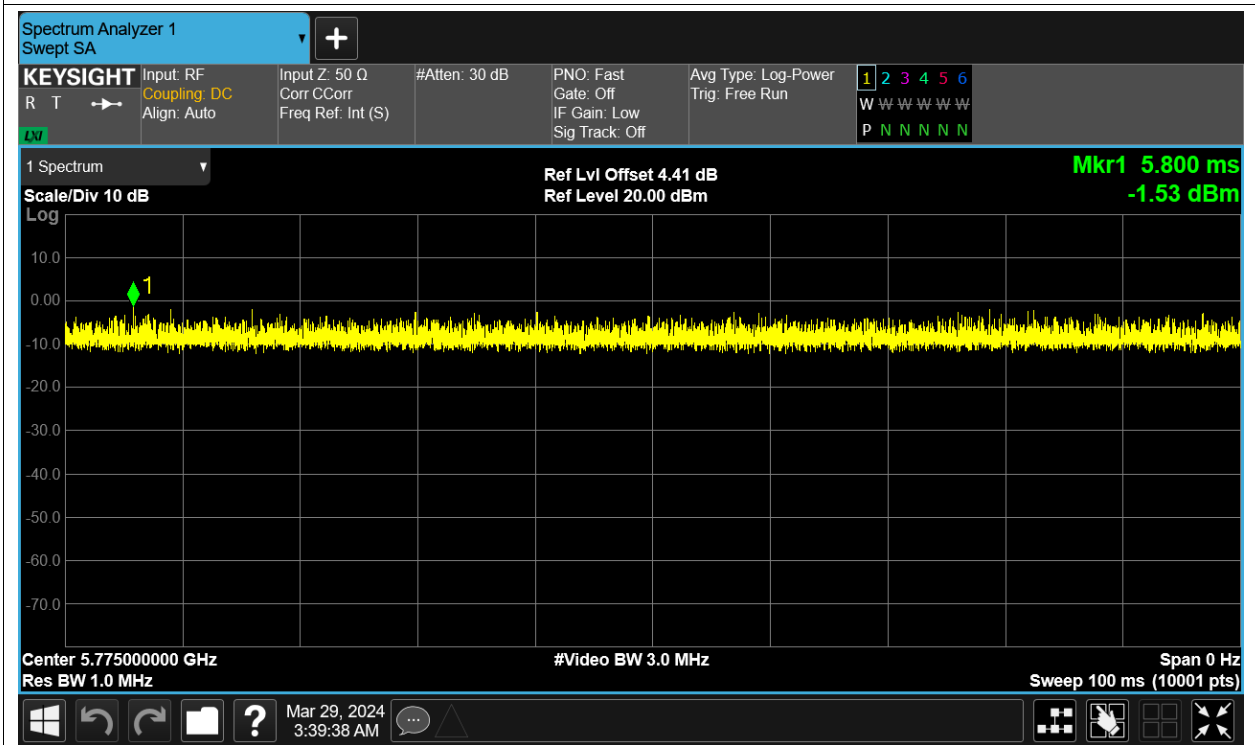
Duty Cycle NVNT ac40 5755MHz Sum



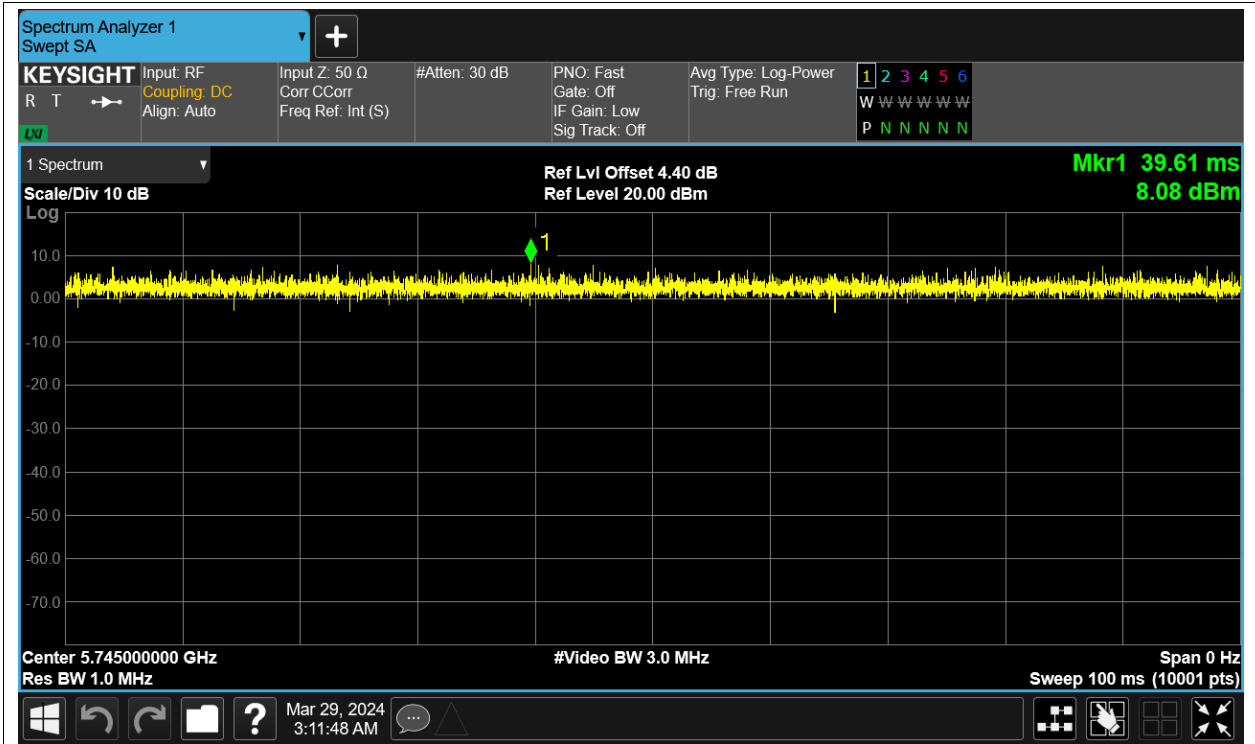
Duty Cycle NVNT ac40 5795MHz Sum



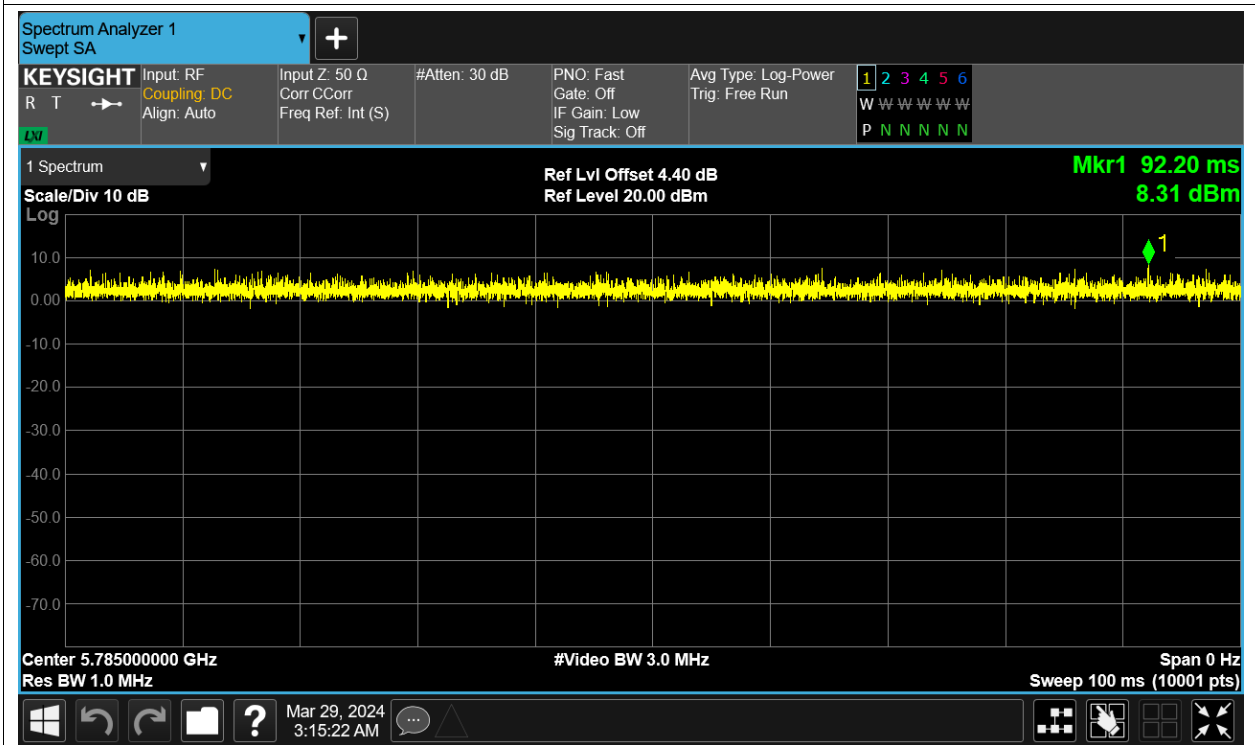
Duty Cycle NVNT ac80 5775MHz Sum



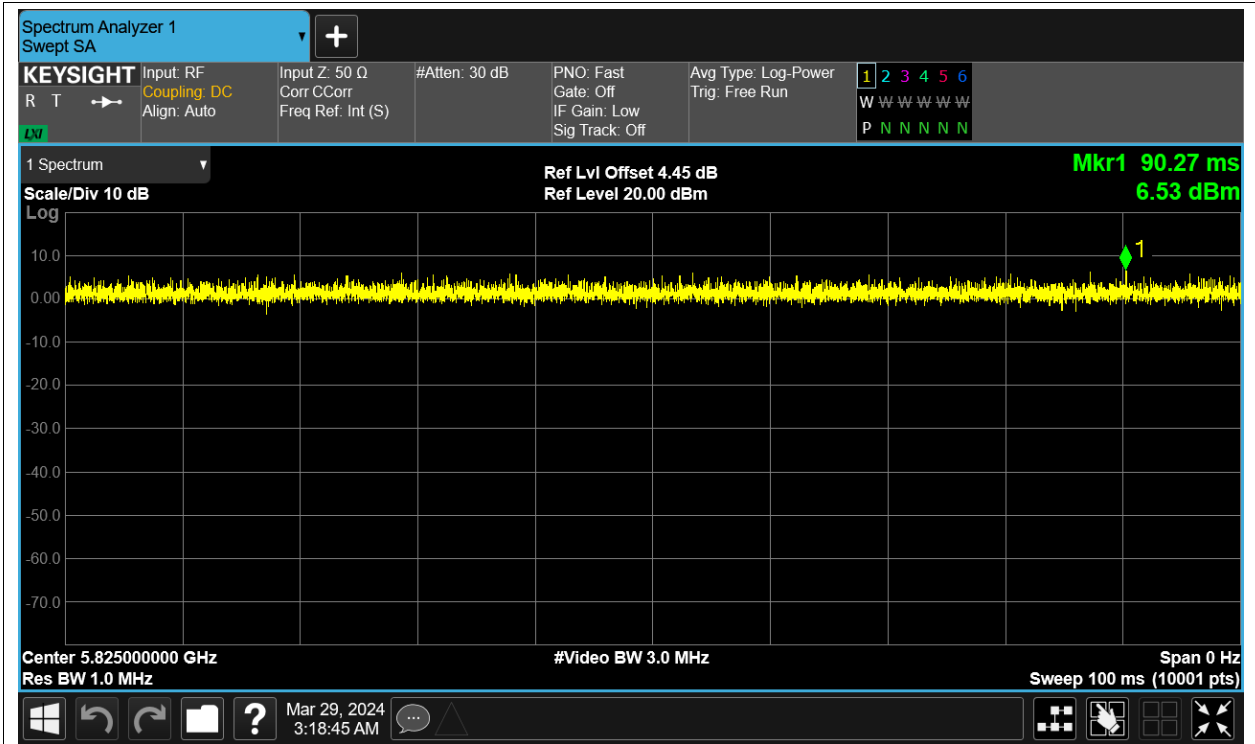
Duty Cycle NVNT ax20 5745MHz Sum



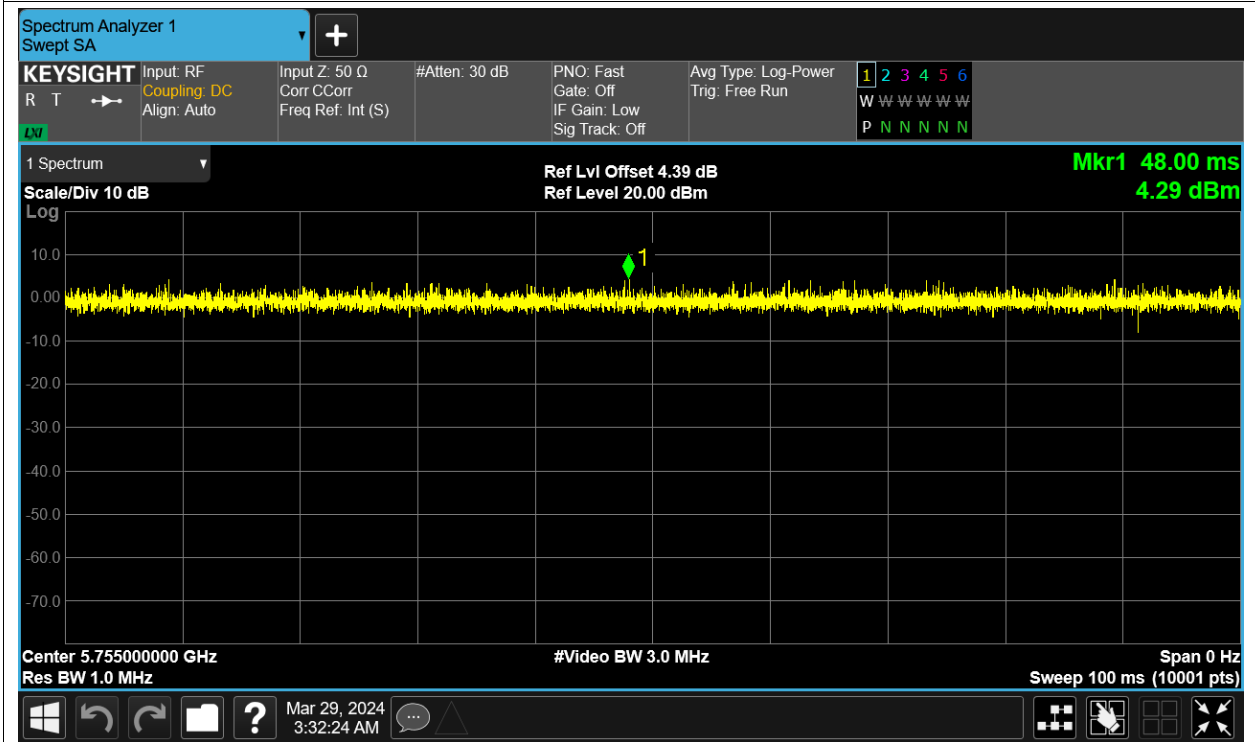
Duty Cycle NVNT ax20 5785MHz Sum



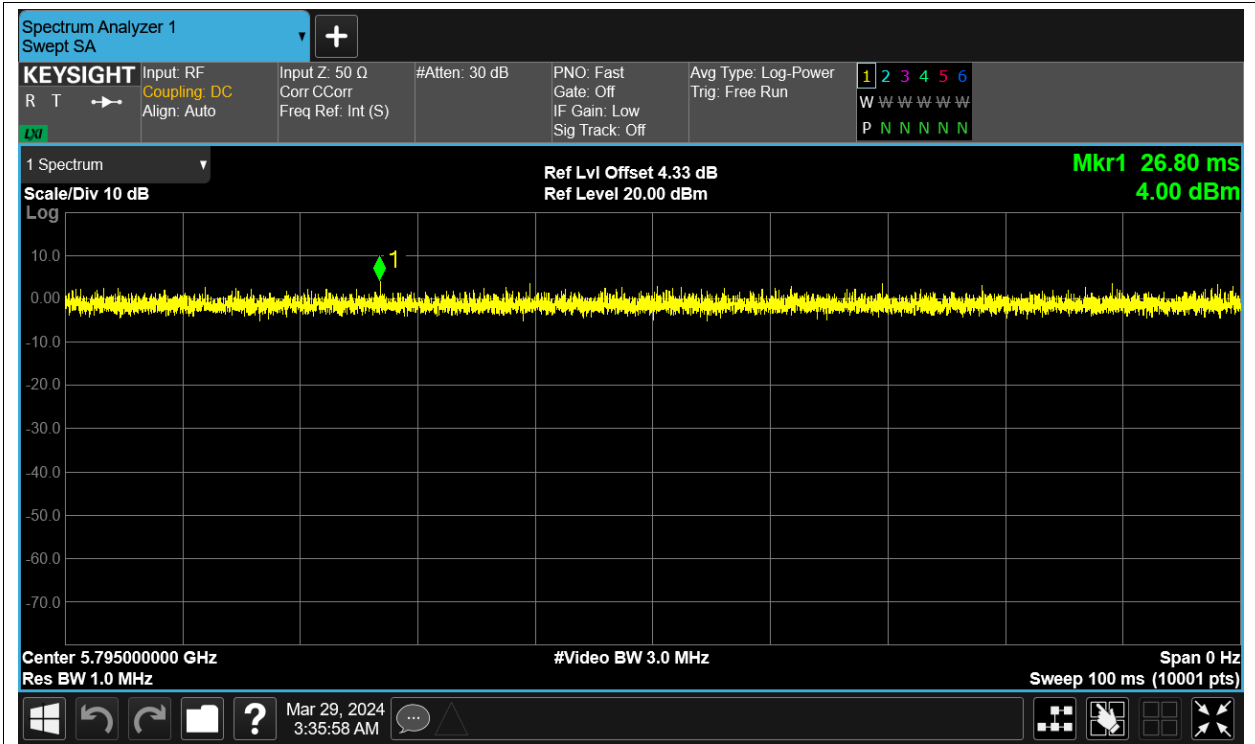
Duty Cycle NVNT ax20 5825MHz Sum



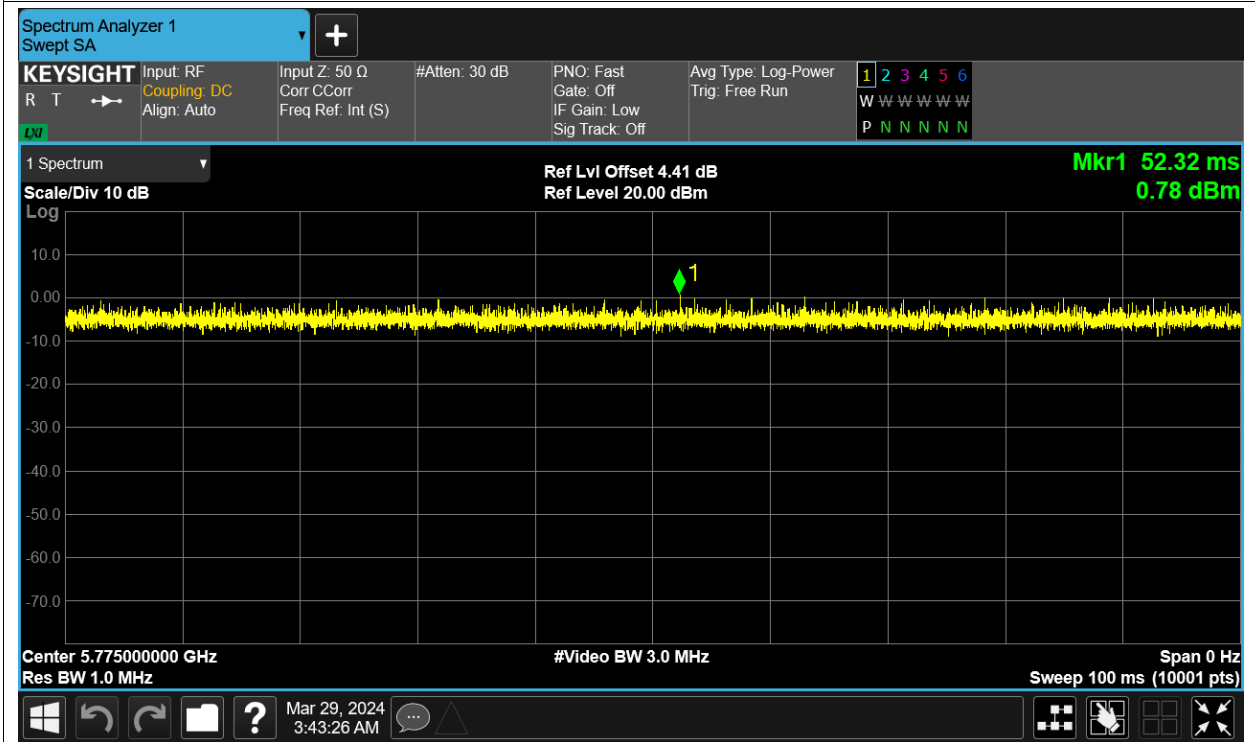
Duty Cycle NVNT ax40 5755MHz Sum



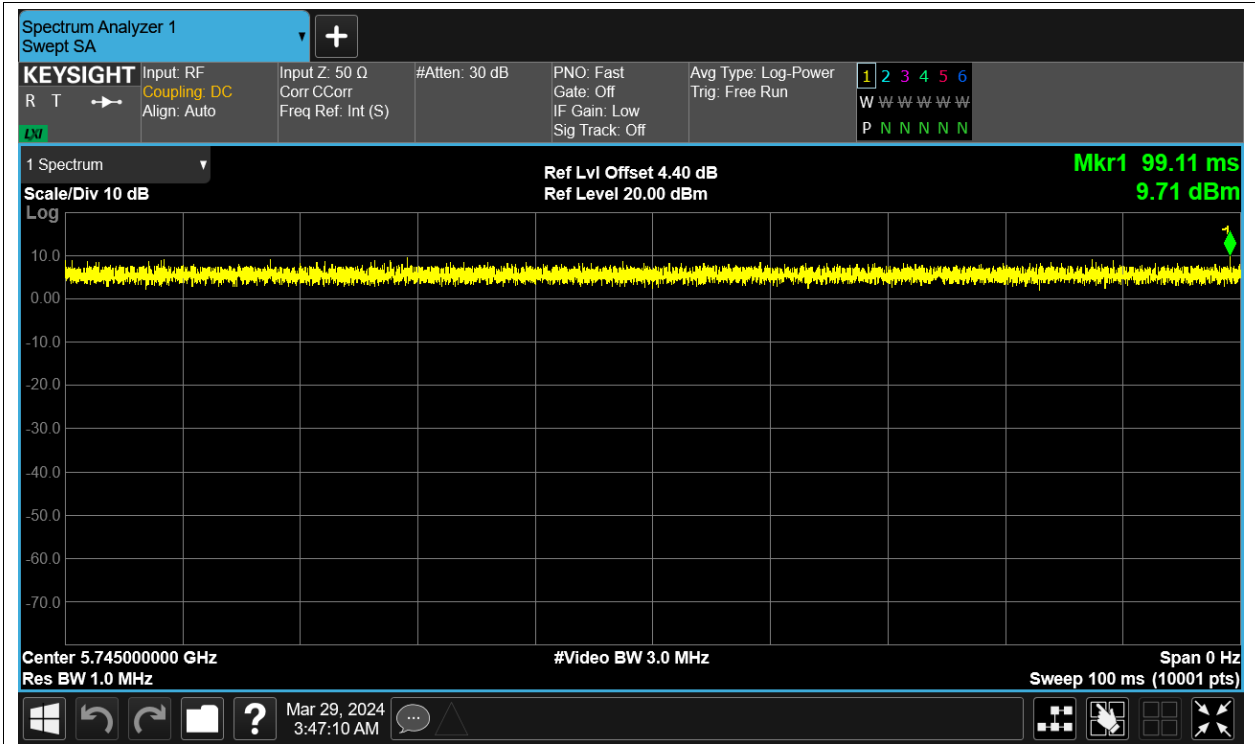
Duty Cycle NVNT ax40 5795MHz Sum



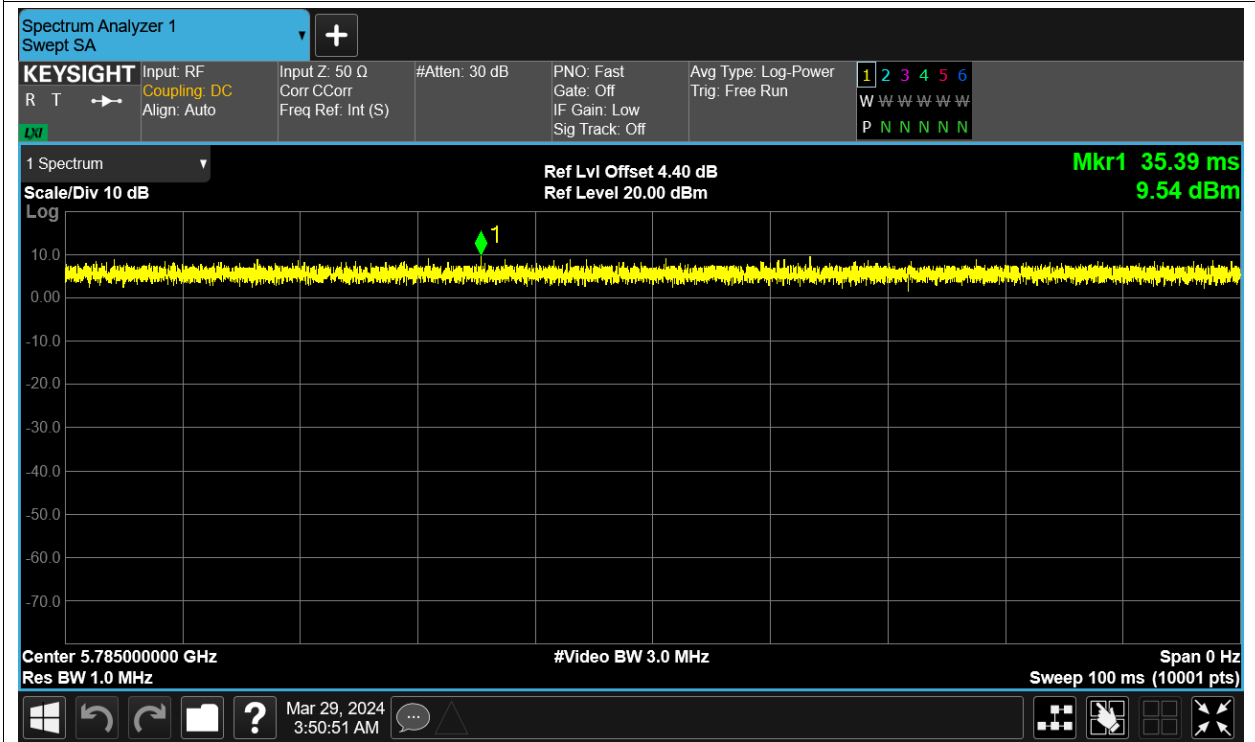
Duty Cycle NVNT ax80 5775MHz Sum



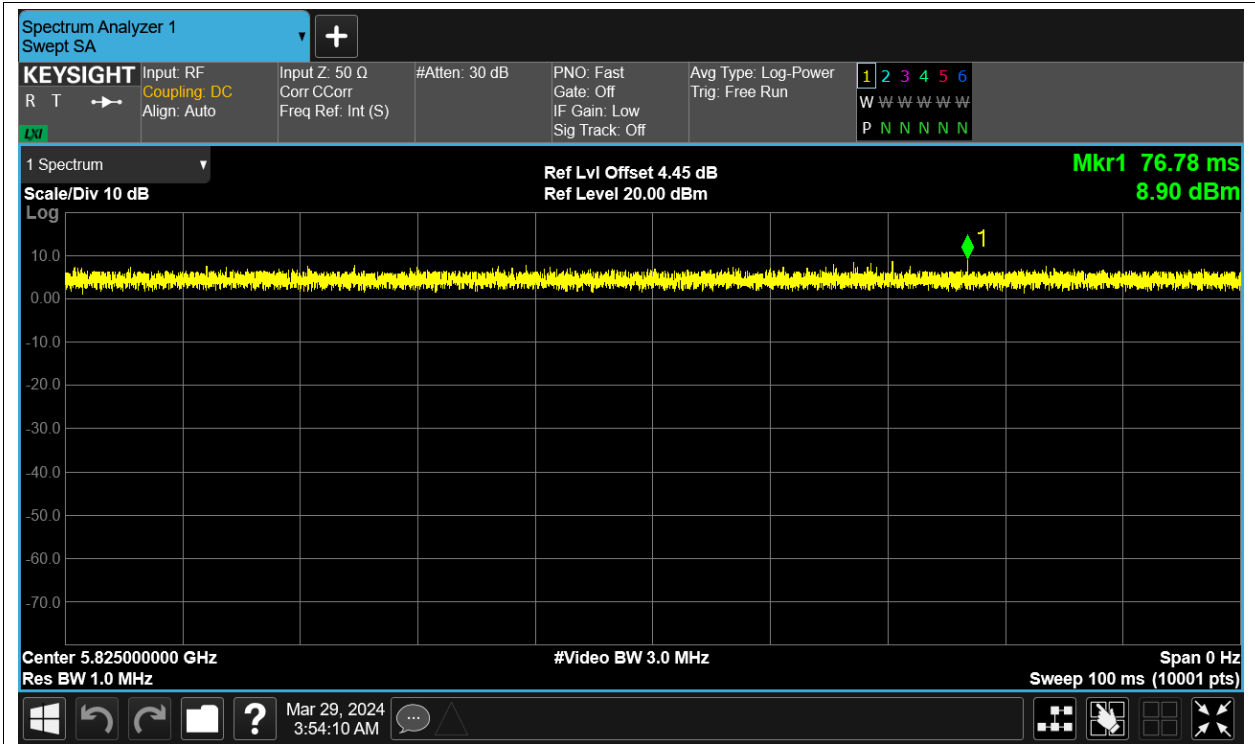
Duty Cycle NVNT n20 5745MHz Sum



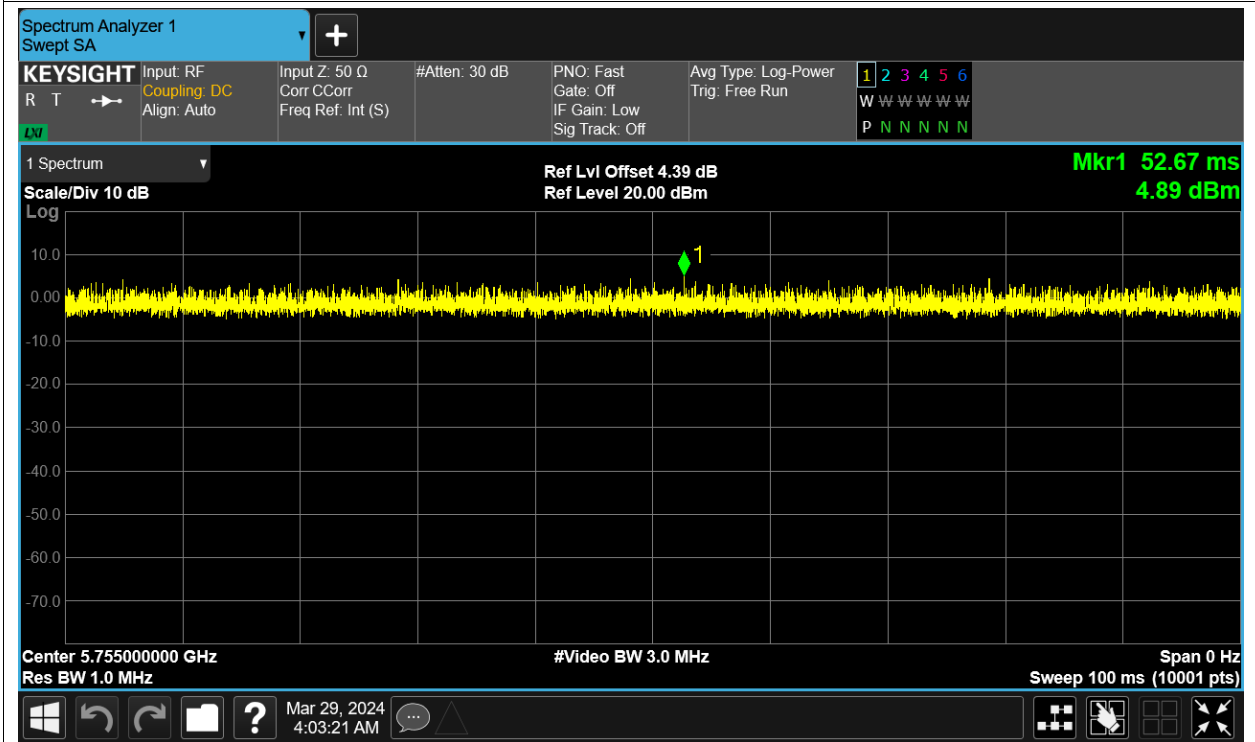
Duty Cycle NVNT n20 5785MHz Sum



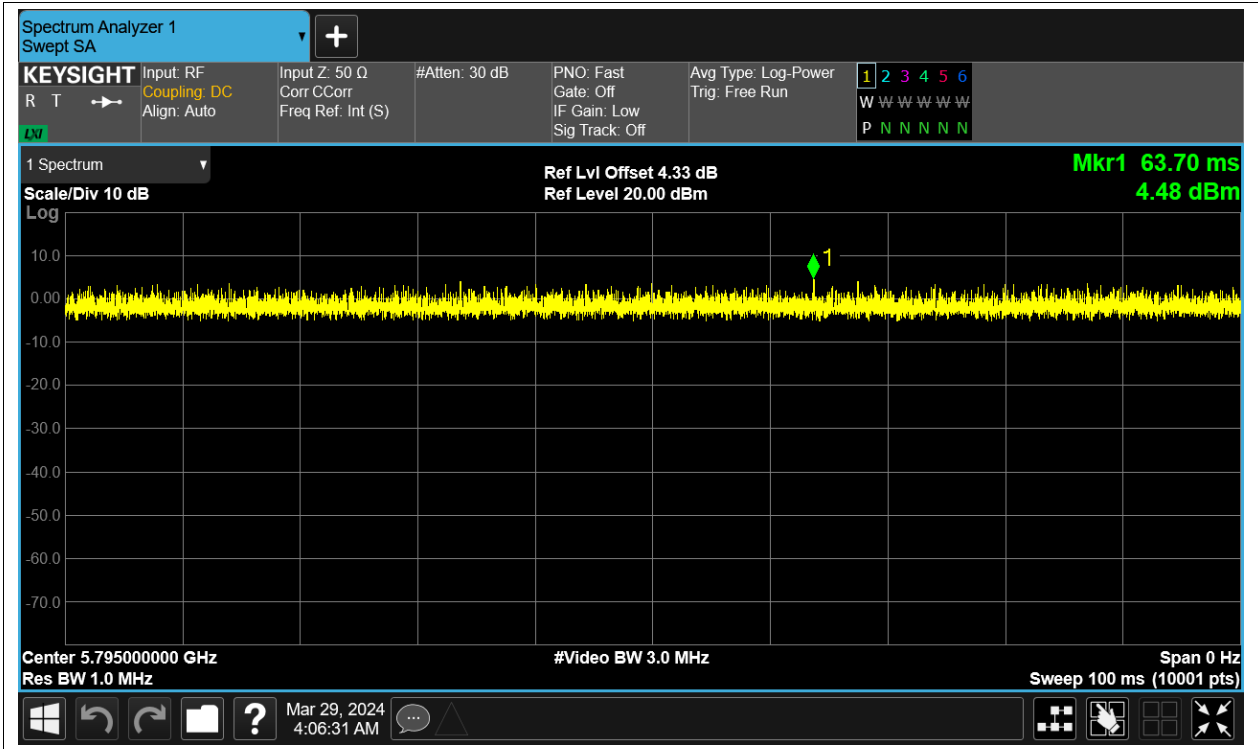
Duty Cycle NVNT n20 5825MHz Sum



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	Ant12	12.61	0	12.61	30	Pass
NVNT	a	5785	Ant12	12.14	0	12.14	30	Pass
NVNT	a	5825	Ant12	12.39	0	12.39	30	Pass
NVNT	a	5745	Ant4	12.57	0	12.57	30	Pass
NVNT	a	5785	Ant4	12.94	0	12.94	30	Pass
NVNT	a	5825	Ant4	12.86	0	12.86	30	Pass
NVNT	ac20	5745	Ant12	11.39	0	11.39	30	Pass
NVNT	ac20	5745	Ant4	12.57	0	12.57	30	Pass
NVNT	ac20	5745	Sum	15.03	0	15.03	30	Pass
NVNT	ac20	5785	Ant12	11.23	0	11.23	30	Pass
NVNT	ac20	5785	Ant4	12.96	0	12.96	30	Pass
NVNT	ac20	5785	Sum	15.191	0	15.191	30	Pass
NVNT	ac20	5825	Ant12	10.42	0	10.42	30	Pass
NVNT	ac20	5825	Ant4	13.15	0	13.15	30	Pass
NVNT	ac20	5825	Sum	15.006	0	15.006	30	Pass
NVNT	ac40	5755	Ant12	9.48	0	9.48	30	Pass
NVNT	ac40	5755	Ant4	11.32	0	11.32	30	Pass
NVNT	ac40	5755	Sum	13.507	0	13.507	30	Pass
NVNT	ac40	5795	Ant12	9.64	0	9.64	30	Pass
NVNT	ac40	5795	Ant4	11.07	0	11.07	30	Pass
NVNT	ac40	5795	Sum	13.424	0	13.424	30	Pass
NVNT	ac80	5775	Ant12	9.18	0	9.18	30	Pass
NVNT	ac80	5775	Ant4	11.14	0	11.14	30	Pass
NVNT	ac80	5775	Sum	13.28	0	13.28	30	Pass
NVNT	ax20	5745	Ant12	9.32	0	9.32	30	Pass
NVNT	ax20	5745	Ant4	10.5	0	10.5	30	Pass
NVNT	ax20	5745	Sum	12.96	0	12.96	30	Pass
NVNT	ax20	5785	Ant12	9.19	0	9.19	30	Pass
NVNT	ax20	5785	Ant4	11.02	0	11.02	30	Pass
NVNT	ax20	5785	Sum	13.211	0	13.211	30	Pass
NVNT	ax20	5825	Ant12	8.4	0	8.4	30	Pass
NVNT	ax20	5825	Ant4	11.41	0	11.41	30	Pass
NVNT	ax20	5825	Sum	13.171	0	13.171	30	Pass
NVNT	ax40	5755	Ant12	9.67	0	9.67	30	Pass
NVNT	ax40	5755	Ant4	11.6	0	11.6	30	Pass
NVNT	ax40	5755	Sum	13.752	0	13.752	30	Pass
NVNT	ax40	5795	Ant12	9.64	0	9.64	30	Pass
NVNT	ax40	5795	Ant4	11.1	0	11.1	30	Pass
NVNT	ax40	5795	Sum	13.441	0	13.441	30	Pass
NVNT	ax80	5775	Ant12	9.37	0	9.37	30	Pass

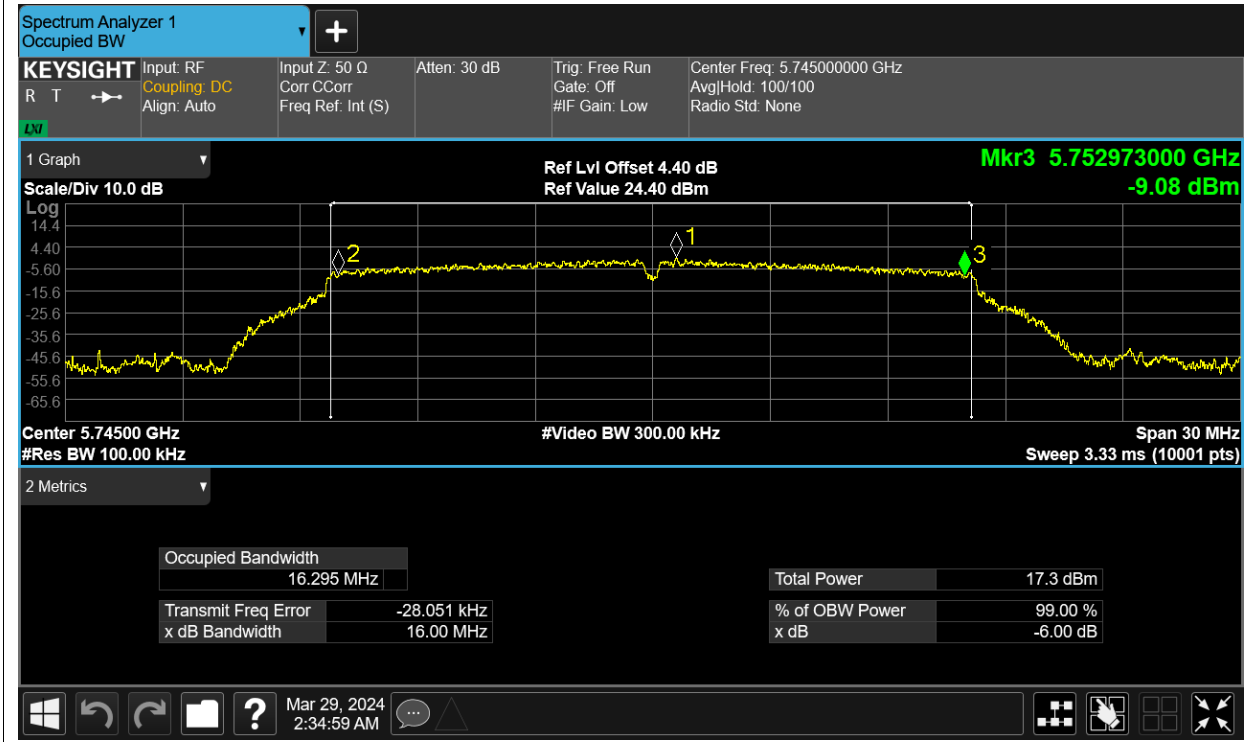
NVNT	ax80	5775	Ant4	11.22	0	11.22	30	Pass
NVNT	ax80	5775	Sum	13.403	0	13.403	30	Pass
NVNT	n20	5745	Ant12	12.39	0	12.39	39	Pass
NVNT	n20	5745	Ant4	13.45	0	13.45	39	Pass
NVNT	n20	5745	Sum	15.963	0	15.963	39	Pass
NVNT	n20	5785	Ant12	12.21	0	12.21	30	Pass
NVNT	n20	5785	Ant4	13.92	0	13.92	30	Pass
NVNT	n20	5785	Sum	16.159	0	16.159	30	Pass
NVNT	n20	5825	Ant12	11.41	0	11.41	30	Pass
NVNT	n20	5825	Ant4	14.4	0	14.4	30	Pass
NVNT	n20	5825	Sum	16.168	0	16.168	30	Pass
NVNT	n40	5755	Ant12	12.16	0	12.16	30	Pass
NVNT	n40	5755	Ant4	13.86	0	13.86	30	Pass
NVNT	n40	5755	Sum	16.103	0	16.103	30	Pass
NVNT	n40	5795	Ant12	12.22	0	12.22	30	Pass
NVNT	n40	5795	Ant4	13.66	0	13.66	30	Pass
NVNT	n40	5795	Sum	16.01	0	16.01	30	Pass

### -6dB Bandwidth

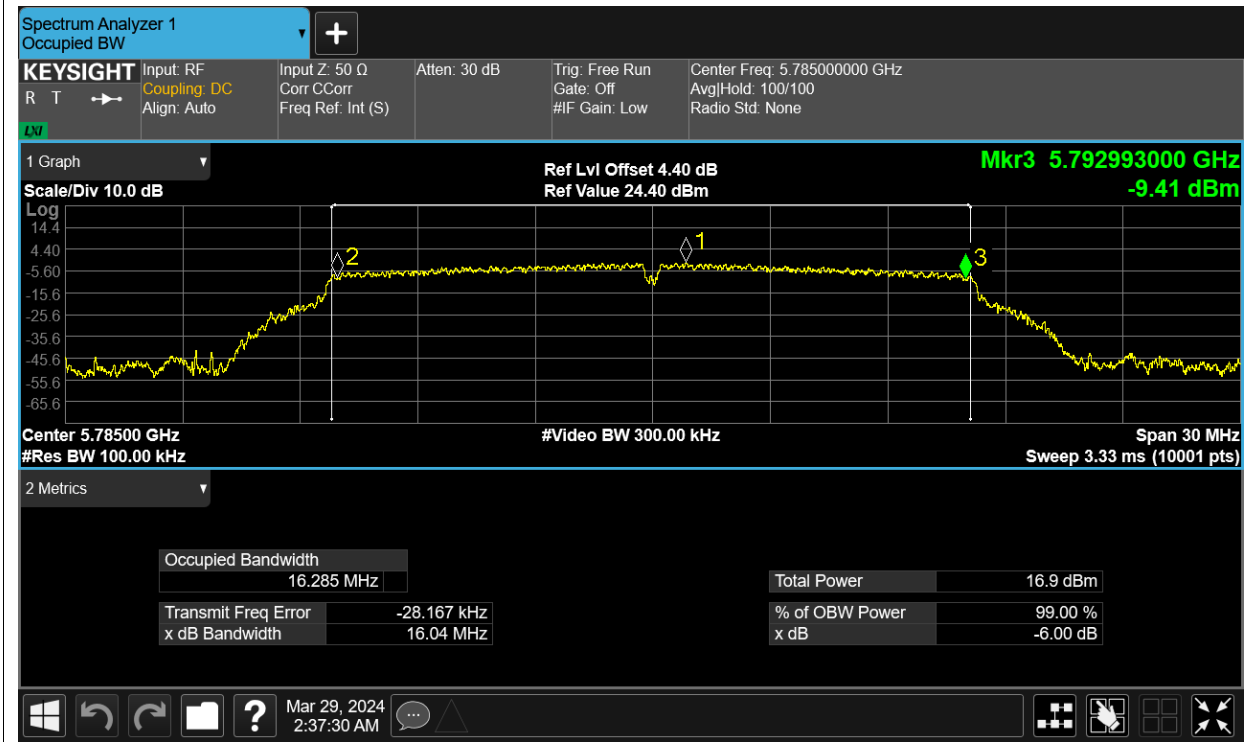
Condition	Mode	Frequency (MHz)	Antenna	-6 dB Bandwidth (MHz)	limit	Verdic
NVNT	a	5745	Ant12	16.003	0.5	Pass
NVNT	a	5785	Ant12	16.042	0.5	Pass
NVNT	a	5825	Ant12	16.067	0.5	Pass
NVNT	a	5745	Ant4	16.05	0.5	Pass
NVNT	a	5785	Ant4	15.899	0.5	Pass
NVNT	a	5825	Ant4	15.631	0.5	Pass
NVNT	ac20	5745	Ant12	17.172	0.5	Pass
NVNT	ac20	5745	Ant4	17.557	0.5	Pass
NVNT	ac20	5785	Ant12	17.042	0.5	Pass
NVNT	ac20	5785	Ant4	16.545	0.5	Pass
NVNT	ac20	5825	Ant12	17.299	0.5	Pass
NVNT	ac20	5825	Ant4	16.295	0.5	Pass
NVNT	ac40	5755	Ant12	35.704	0.5	Pass
NVNT	ac40	5755	Ant4	34.425	0.5	Pass
NVNT	ac40	5795	Ant12	35.683	0.5	Pass
NVNT	ac40	5795	Ant4	34.034	0.5	Pass
NVNT	ac80	5775	Ant12	76.388	0.5	Pass
NVNT	ac80	5775	Ant4	76.35	0.5	Pass
NVNT	ax20	5745	Ant12	17.66	0.5	Pass
NVNT	ax20	5745	Ant4	18.387	0.5	Pass
NVNT	ax20	5785	Ant12	18.682	0.5	Pass
NVNT	ax20	5785	Ant4	18.761	0.5	Pass
NVNT	ax20	5825	Ant12	18.579	0.5	Pass
NVNT	ax20	5825	Ant4	18.264	0.5	Pass
NVNT	ax40	5755	Ant12	37.711	0.5	Pass
NVNT	ax40	5755	Ant4	37.709	0.5	Pass
NVNT	ax40	5795	Ant12	37.856	0.5	Pass
NVNT	ax40	5795	Ant4	36.933	0.5	Pass
NVNT	ax80	5775	Ant12	77.84	0.5	Pass
NVNT	ax80	5775	Ant4	77.981	0.5	Pass
NVNT	n20	5745	Ant12	17.259	0.5	Pass
NVNT	n20	5745	Ant4	17.56	0.5	Pass
NVNT	n20	5785	Ant12	15.907	0.5	Pass
NVNT	n20	5785	Ant4	17.14	0.5	Pass
NVNT	n20	5825	Ant12	17.31	0.5	Pass
NVNT	n20	5825	Ant4	15.875	0.5	Pass
NVNT	n40	5755	Ant12	35.742	0.5	Pass
NVNT	n40	5755	Ant4	35.442	0.5	Pass
NVNT	n40	5795	Ant12	35.958	0.5	Pass
NVNT	n40	5795	Ant4	35.022	0.5	Pass

Test Graphs

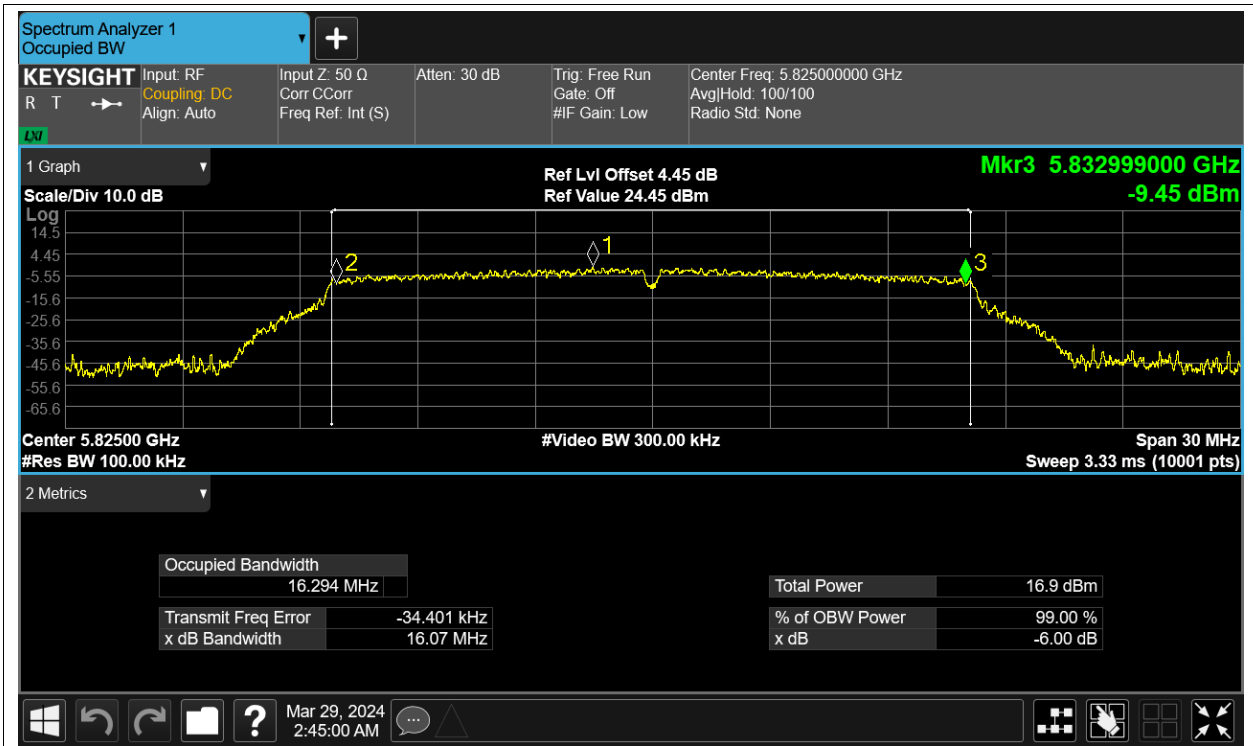
-6dB Bandwidth NVNT a 5745MHz Ant12



-6dB Bandwidth NVNT a 5785MHz Ant12



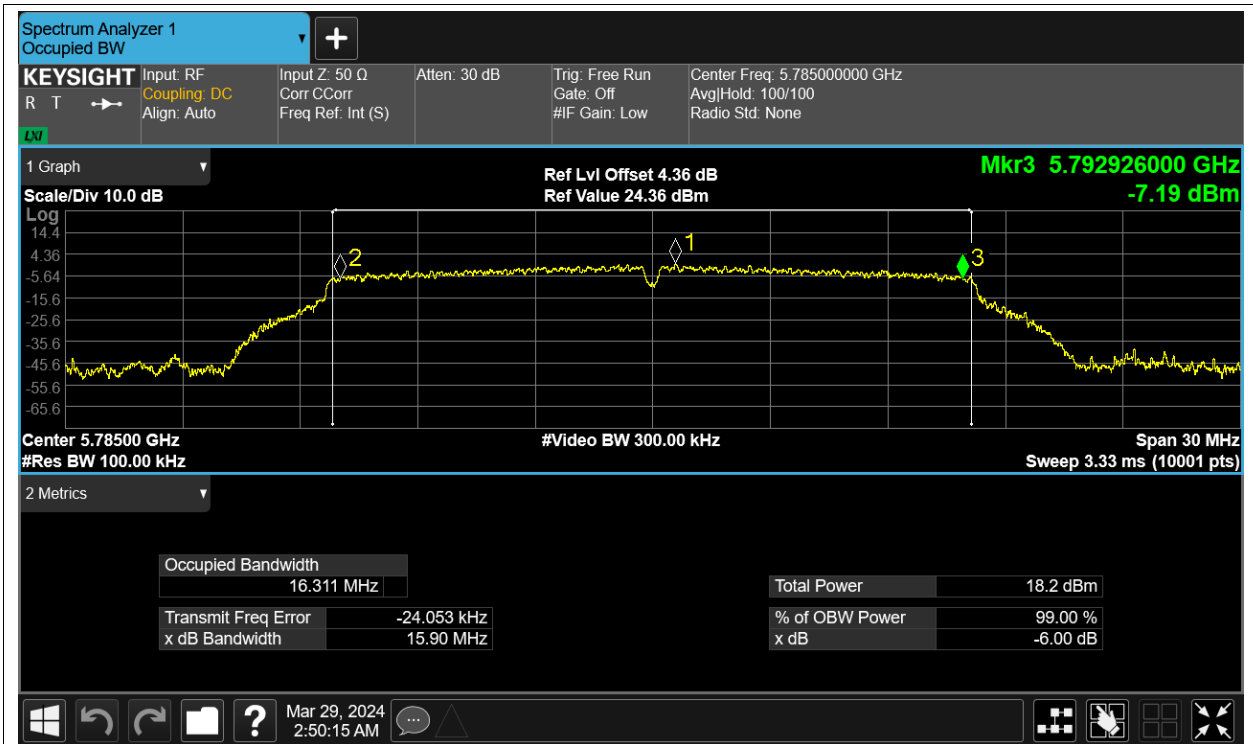
-6dB Bandwidth NVNT a 5825MHz Ant12



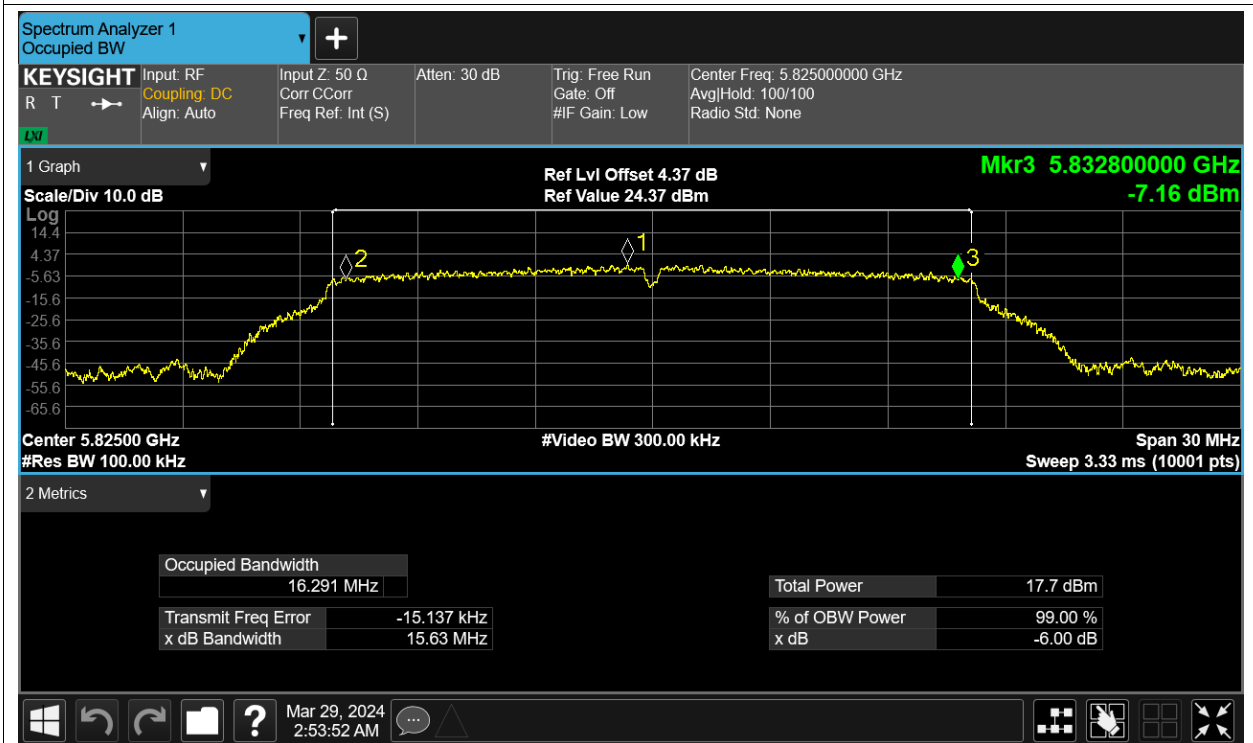
-6dB Bandwidth NVNT a 5745MHz Ant4



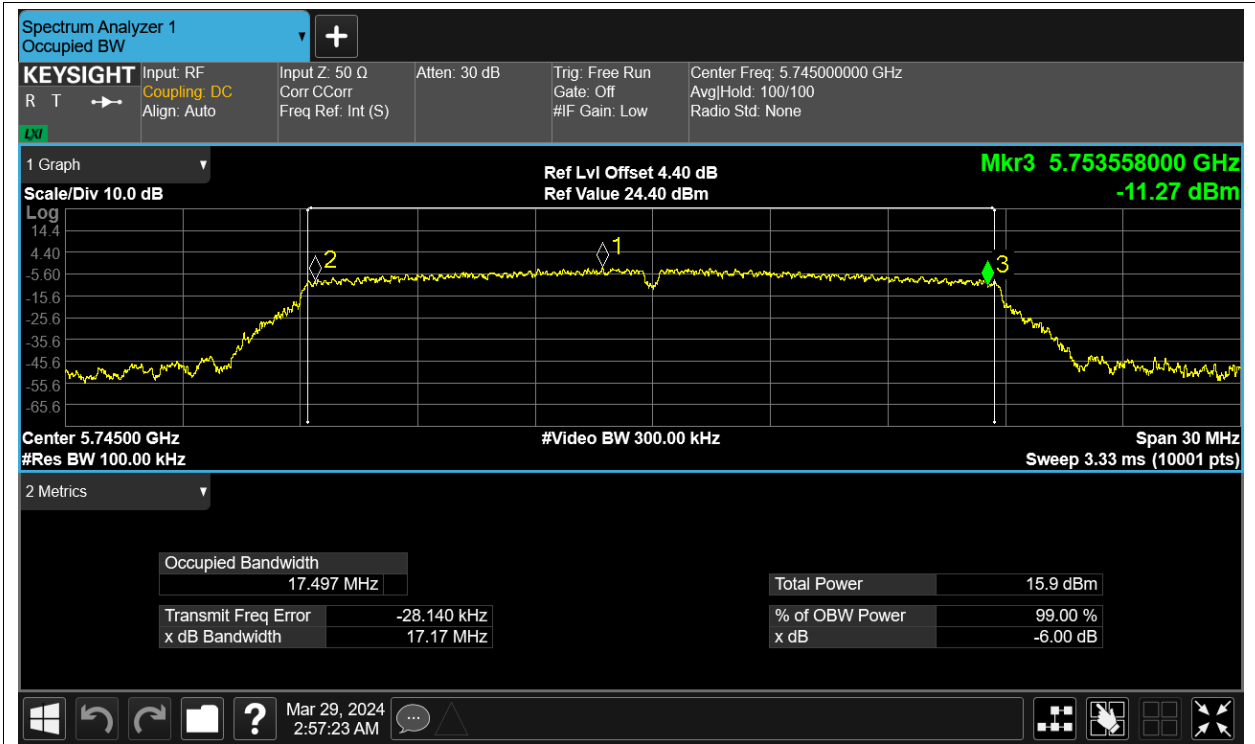
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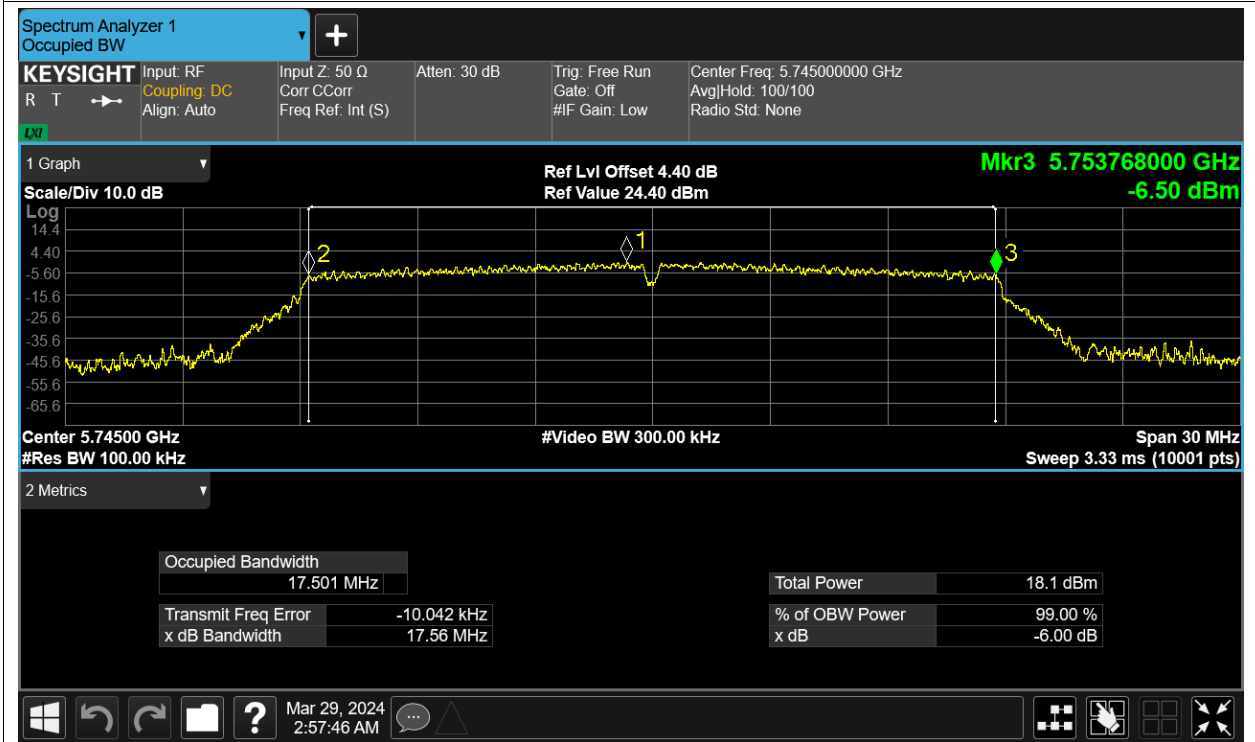
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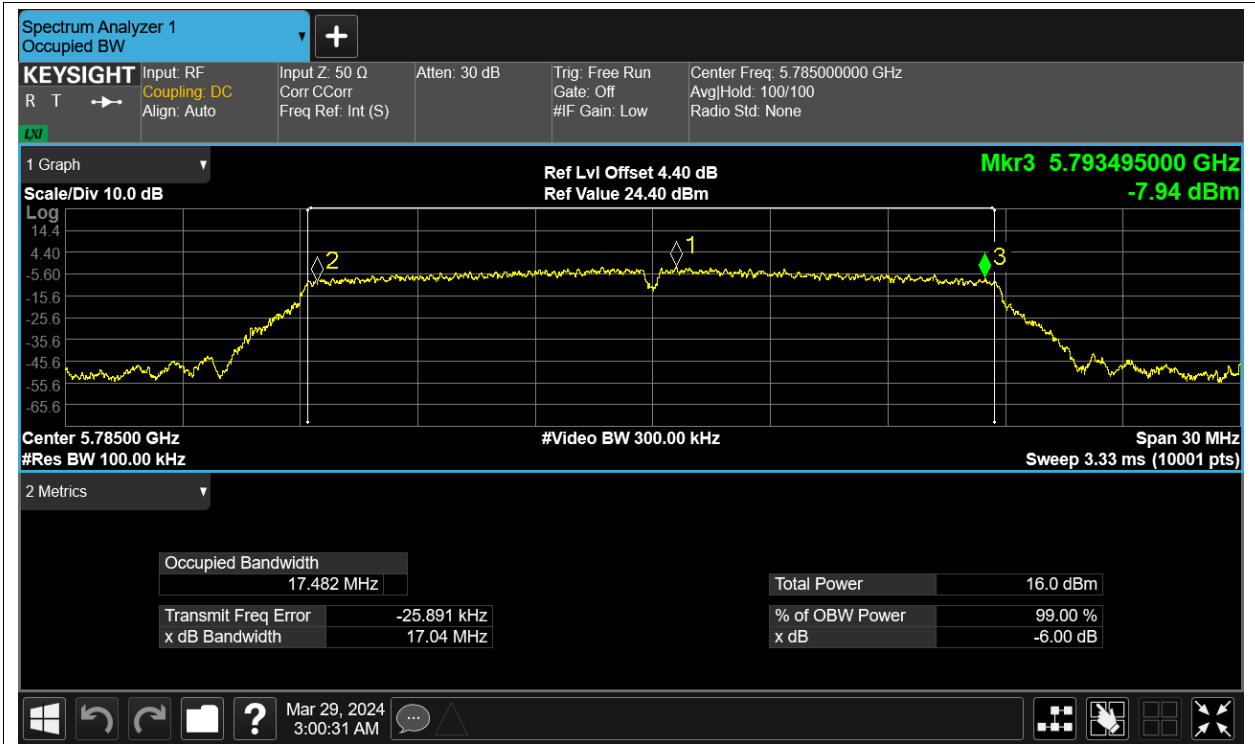
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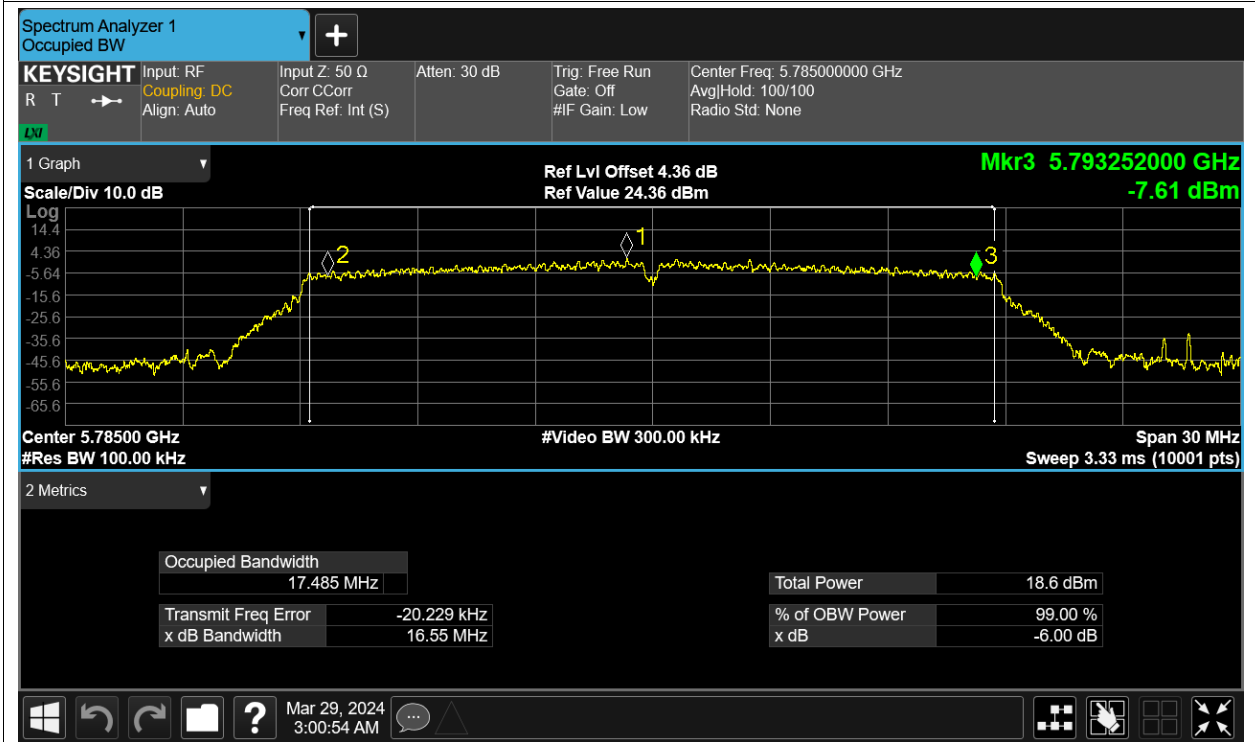
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-6dB Bandwidth NVNT ac20 5785MHz Ant12

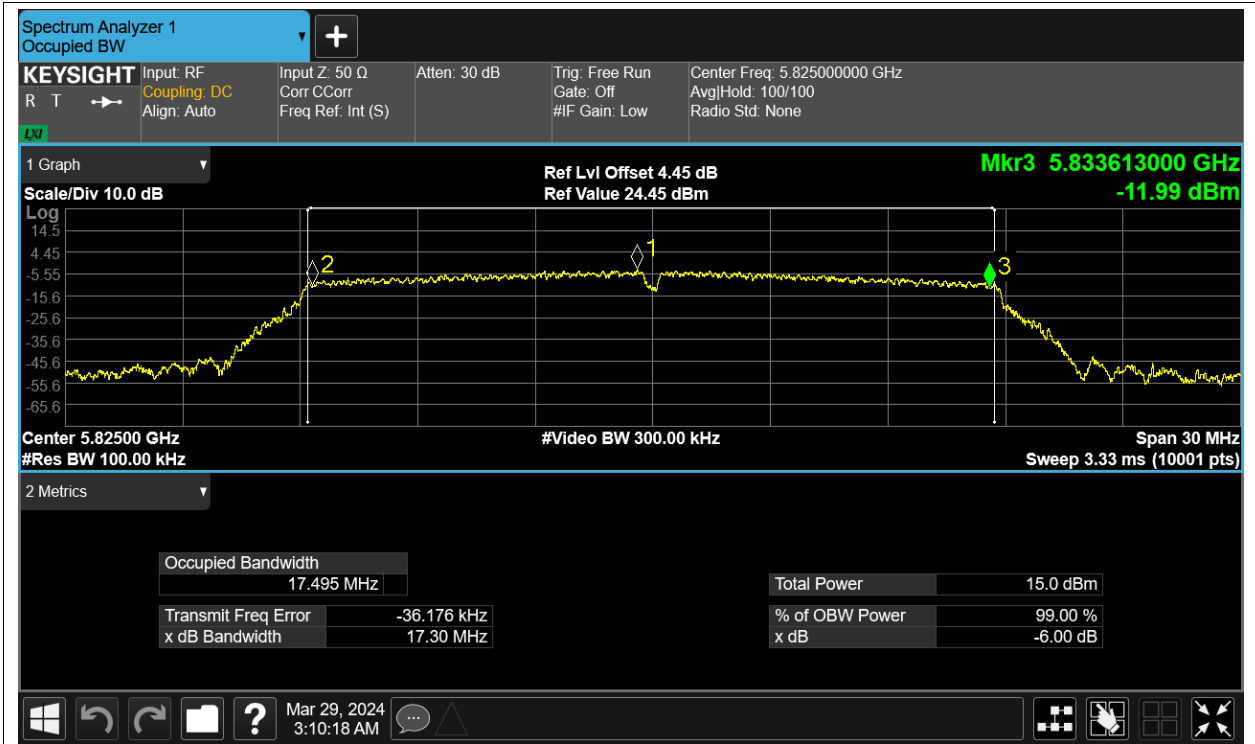


-6dB Bandwidth NVNT ac20 5785MHz Ant4

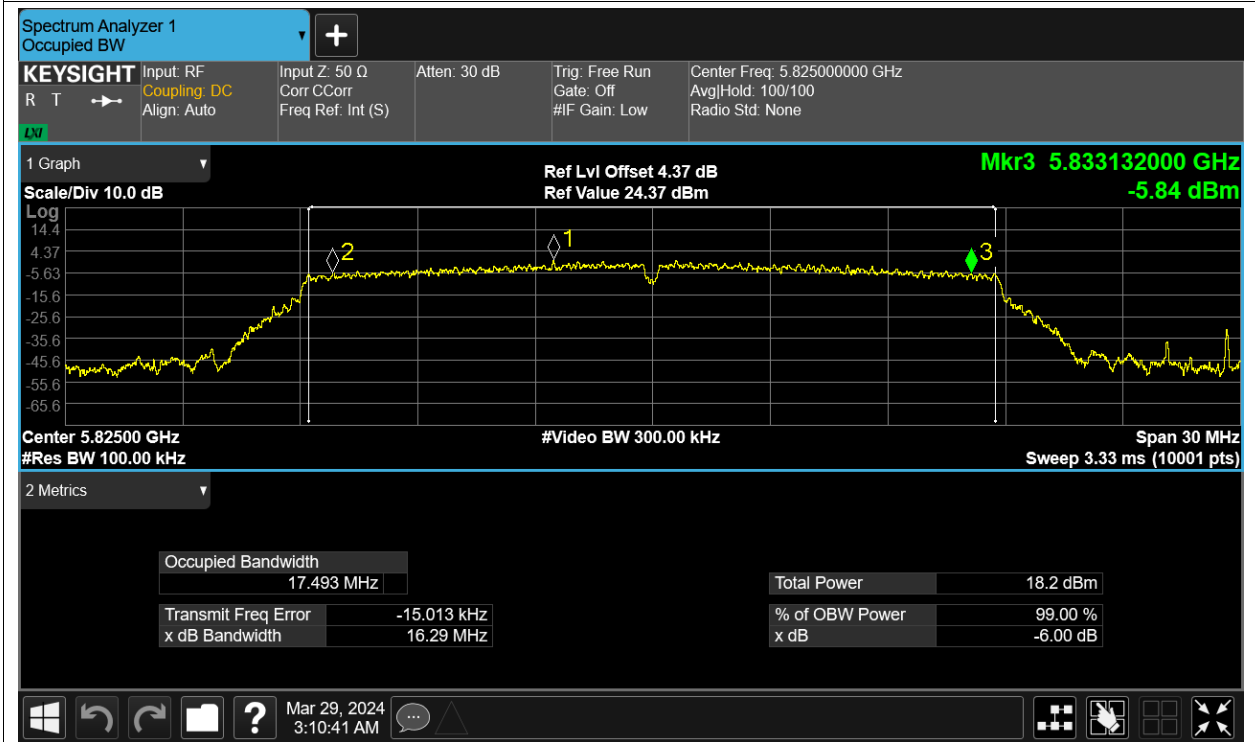


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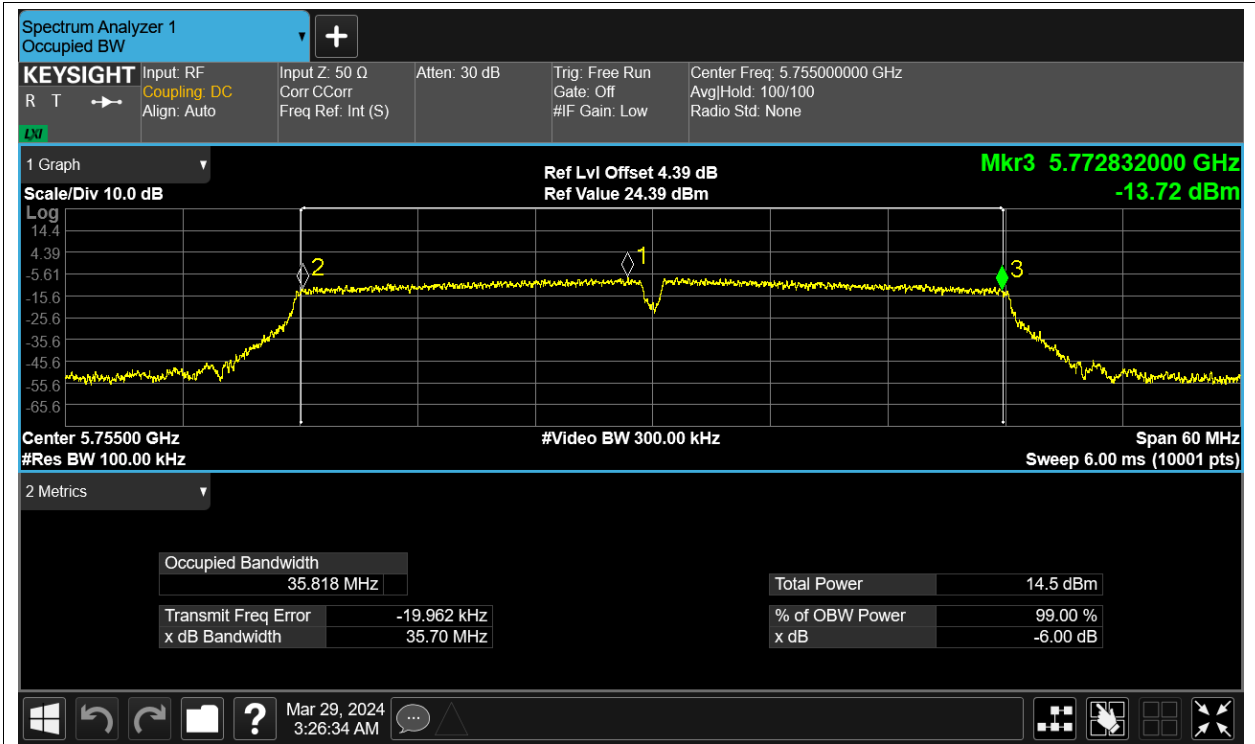




-6dB Bandwidth NVNT ac20 5825MHz Ant4



-6dB Bandwidth NVNT ac40 5755MHz Ant12



-6dB Bandwidth NVNT ac40 5755MHz Ant4



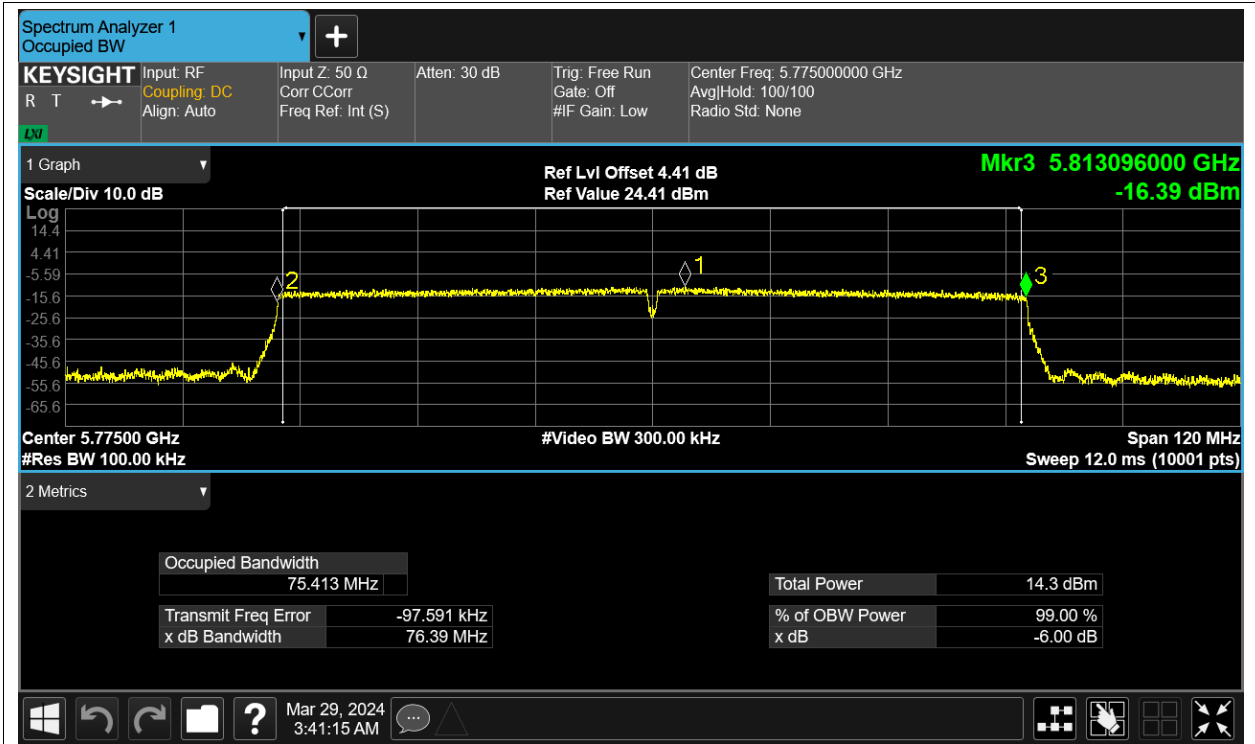
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-6dB Bandwidth NVNT ac40 5795MHz Ant4



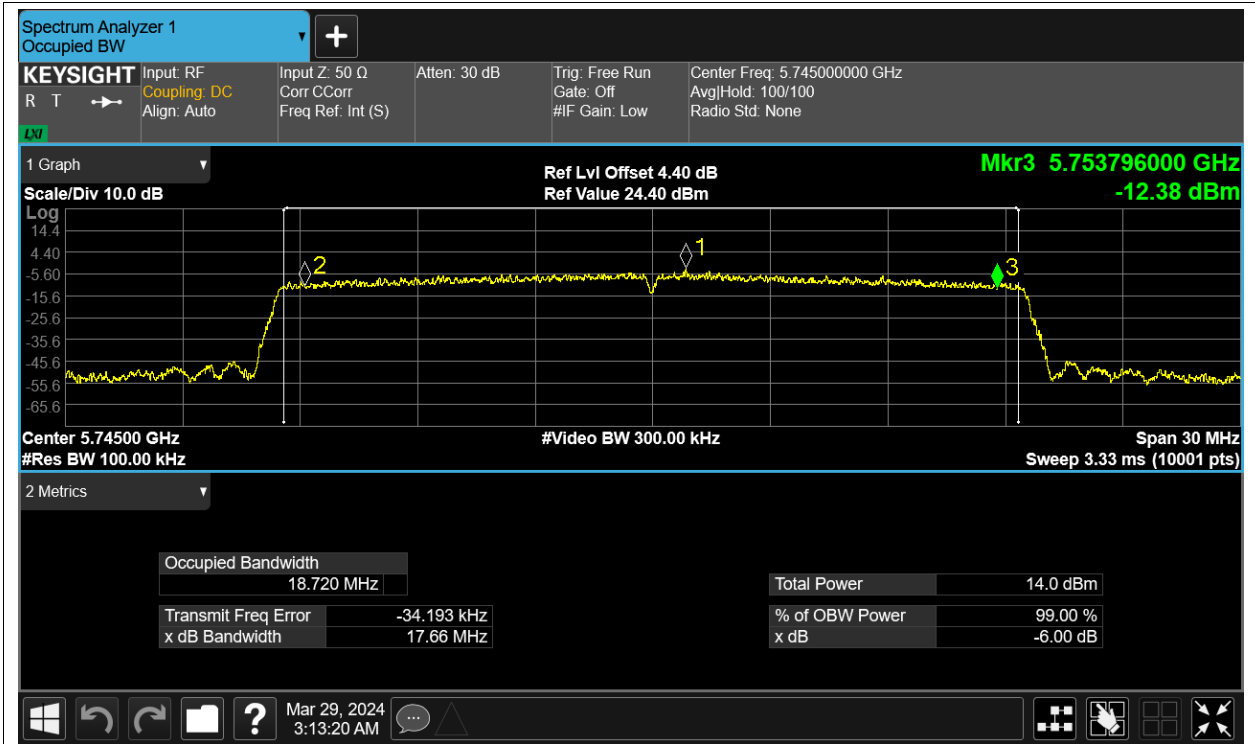
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-6dB Bandwidth NVNT ac80 5775MHz Ant4



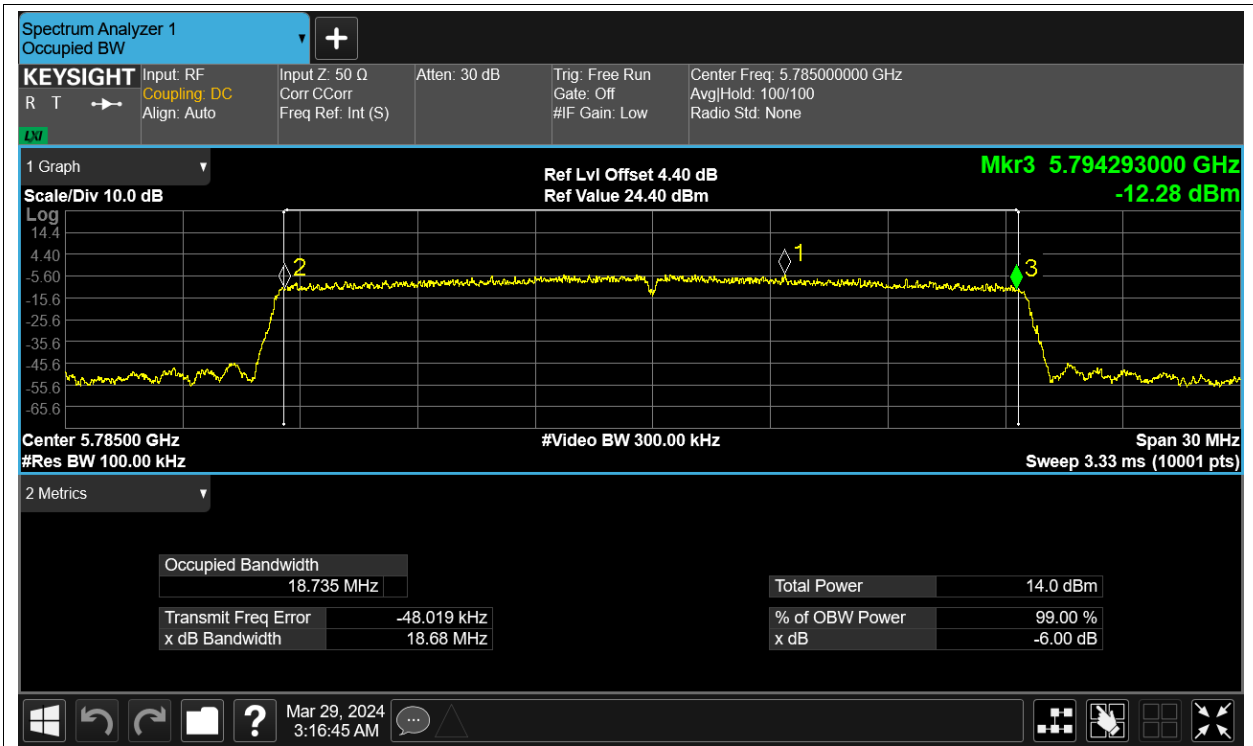
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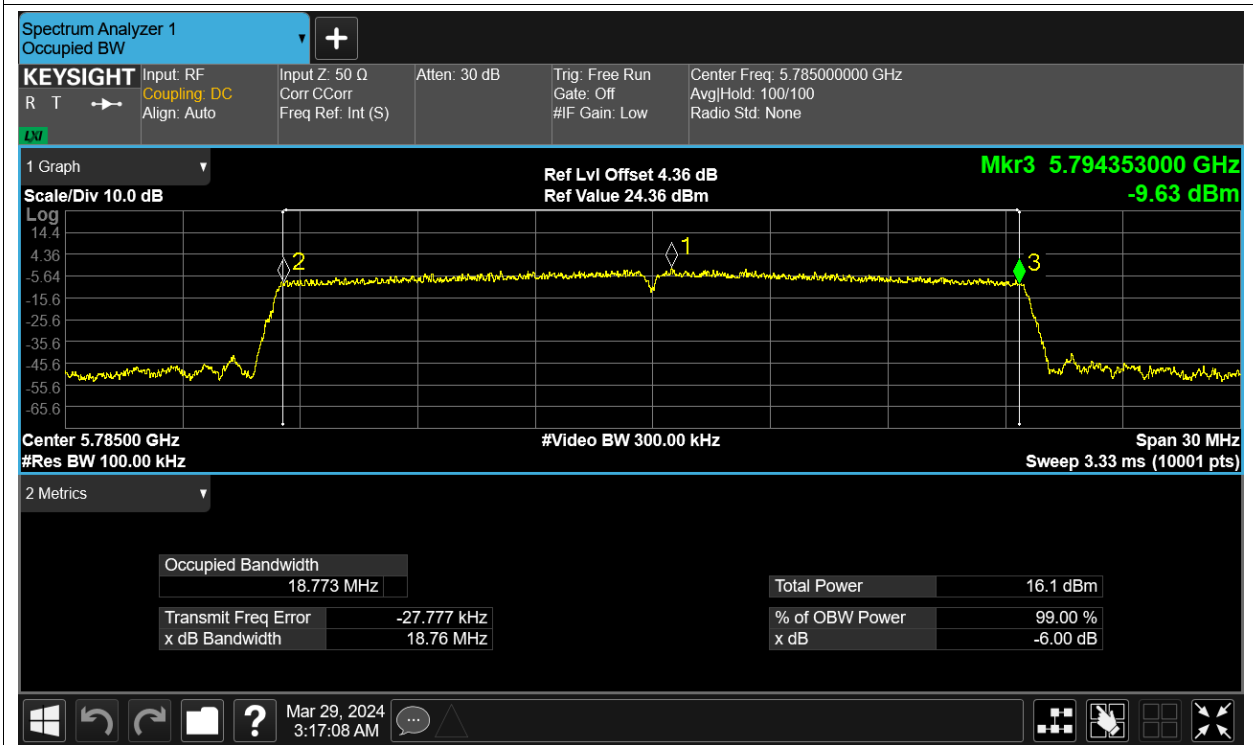
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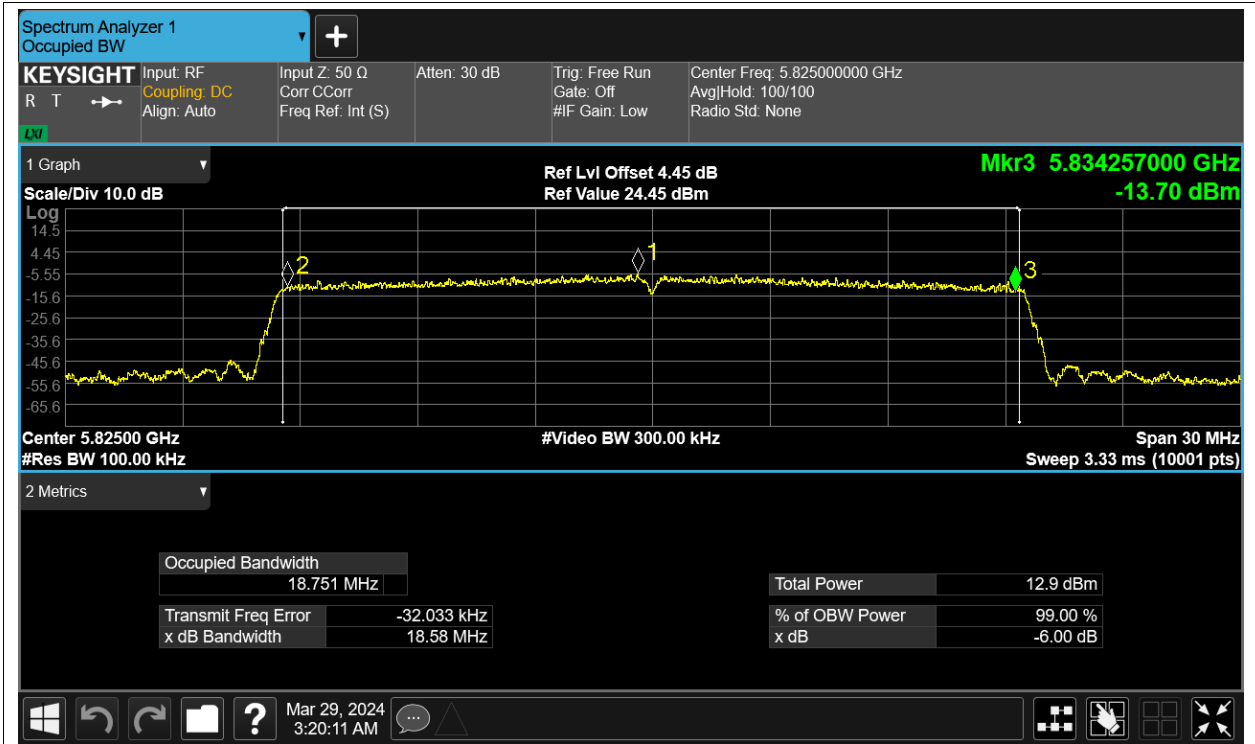
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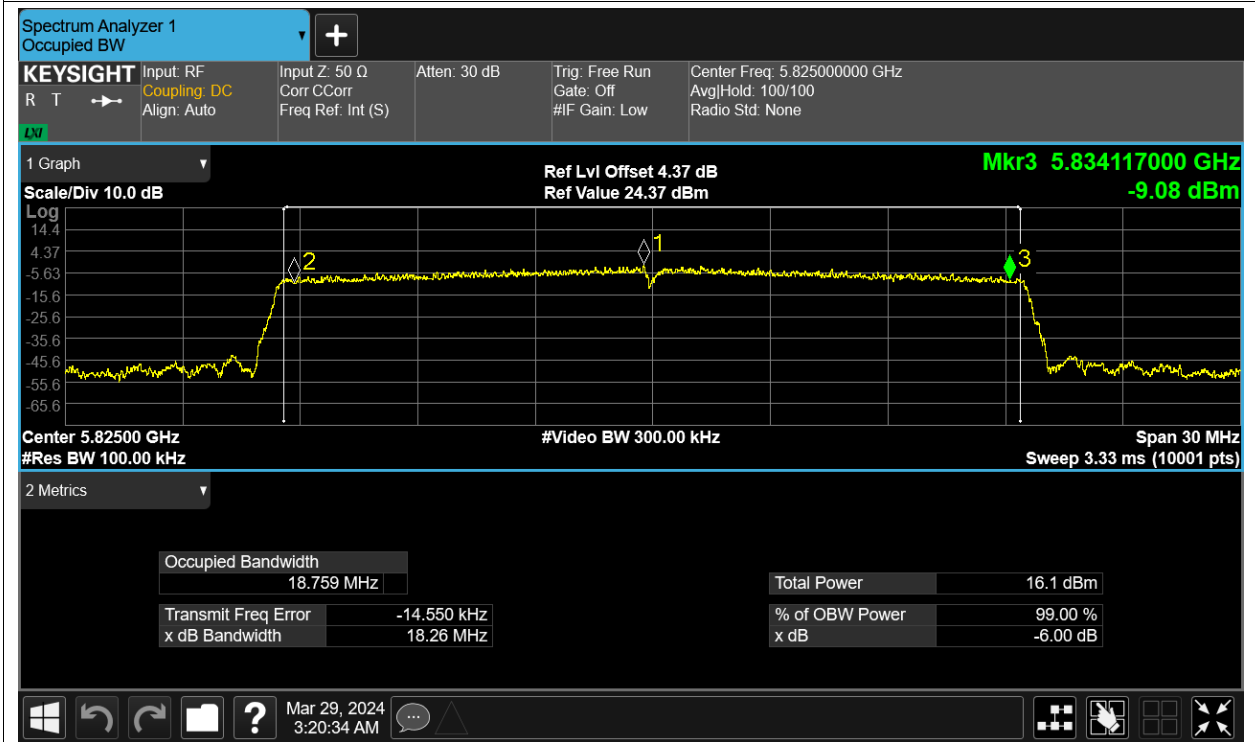
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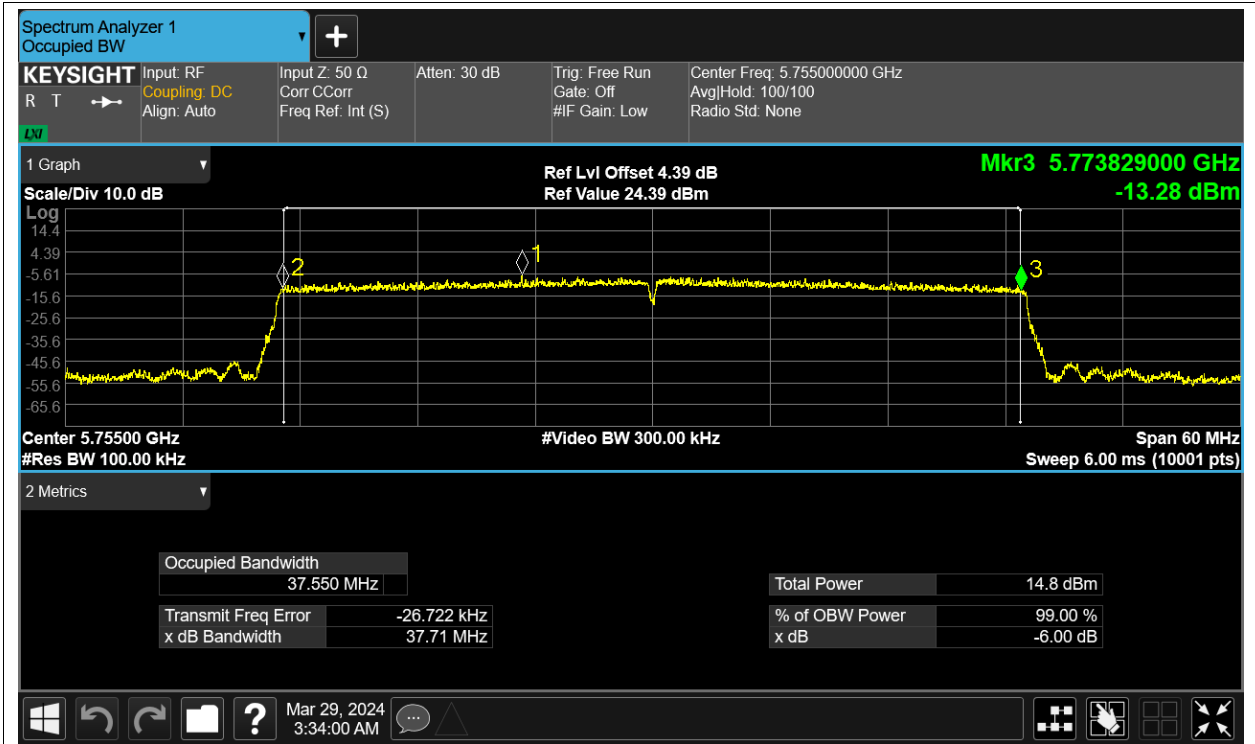
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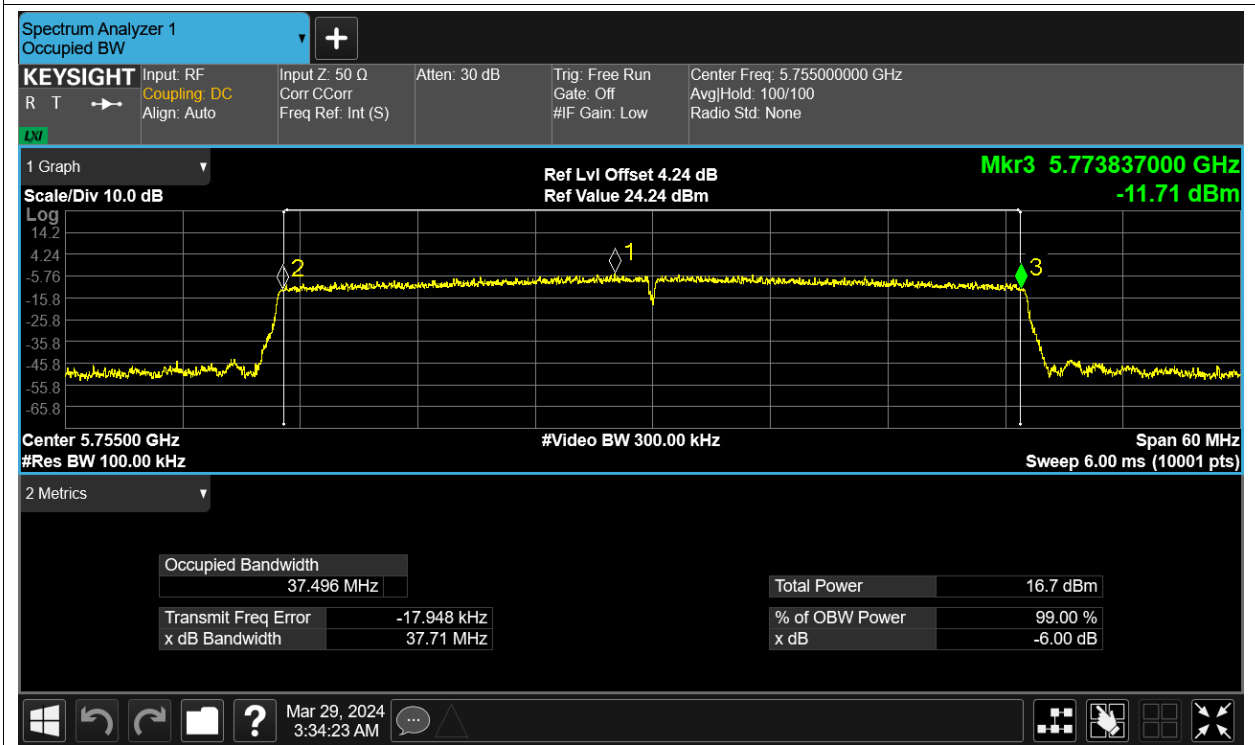
-6dB Bandwidth NVNT ax20 5825MHz Ant4



-6dB Bandwidth NVNT ax40 5755MHz Ant12



-6dB Bandwidth NVNT ax40 5755MHz Ant4



-6dB Bandwidth NVNT ax40 5795MHz Ant12