

## Test Data

### Frequency Stability

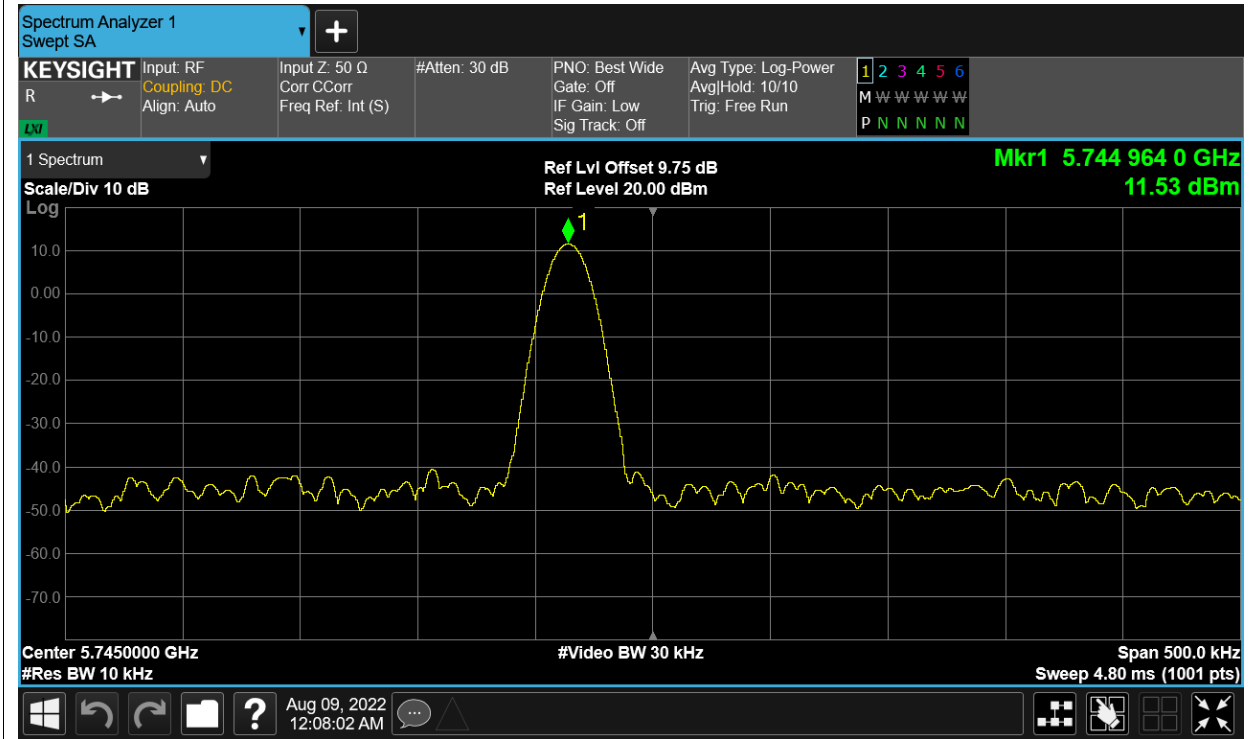
Condition	Mode	Frequency (MHz)	Antenna	Measured Frequency (MHz)	Deviation (ppm)	Limit (ppm)	Verdict
HVNT	a	5745	Ant1	5744.964	-6.27	Within authorized band	Pass
HVNT	a	5745	Ant2	5744.964	-6.27		Pass
LVNT	a	5745	Ant1	5744.964	-6.27		Pass
LVNT	a	5745	Ant2	5744.9635	-6.35		Pass
NVHT	a	5745	Ant1	5744.9645	-6.18		Pass
NVHT	a	5745	Ant2	5744.964	-6.27		Pass
NVLT	a	5745	Ant1	5744.9655	-6.01		Pass
NVLT	a	5745	Ant2	5744.964	-6.27		Pass
NVNT	a	5745	Ant1	5744.9685	-5.48		Pass
NVNT	a	5745	Ant2	5744.9635	-6.35		Pass
HVNT	ac20	5745	Sum	5744.964	-6.27		Pass
LVNT	ac20	5745	Sum	5744.964	-6.27		Pass
NVHT	ac20	5745	Sum	5744.964	-6.27		Pass
NVLT	ac20	5745	Sum	5744.9645	-6.18		Pass
NVNT	ac20	5745	Sum	5744.9655	-6.01		Pass
HVNT	ax20	5745	Sum	5744.964	-6.27		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	5744.968	-5.57		Pass
HVNT	ax40	5755	Sum	5754.9635	-6.34		Pass
LVNT	ax40	5755	Sum	5754.9635	-6.34		Pass
NVHT	ax40	5755	Sum	5754.9635	-6.34		Pass
NVLT	ax40	5755	Sum	5754.9645	-6.17		Pass
NVNT	ax40	5755	Sum	5754.967	-5.73		Pass
HVNT	ax80	5775	Sum	5774.9635	-6.32		Pass
LVNT	ax80	5775	Sum	5774.9635	-6.32		Pass
NVHT	ax80	5775	Sum	5774.964	-6.23		Pass
NVLT	ax80	5775	Sum	5774.9645	-6.15		Pass
NVNT	ax80	5775	Sum	5774.9655	-5.97		Pass
HVNT	n20	5745	Sum	5744.964	-6.27		Pass
LVNT	n20	5745	Sum	5744.964	-6.27		Pass
NVHT	n20	5745	Sum	5744.9645	-6.18		Pass
NVLT	n20	5745	Sum	5744.9655	-6.01		Pass
NVNT	n20	5745	Sum	5744.967	-5.74		Pass
HVNT	n40	5755	Sum	5754.964	-6.26		Pass
LVNT	n40	5755	Sum	5754.9645	-6.17		Pass
NVHT	n40	5755	Sum	5754.965	-6.08		Pass
NVLT	n40	5755	Sum	5754.966	-5.91		Pass

NVNT	n40	5755	Sum	5754.9685	-5.47		Pass
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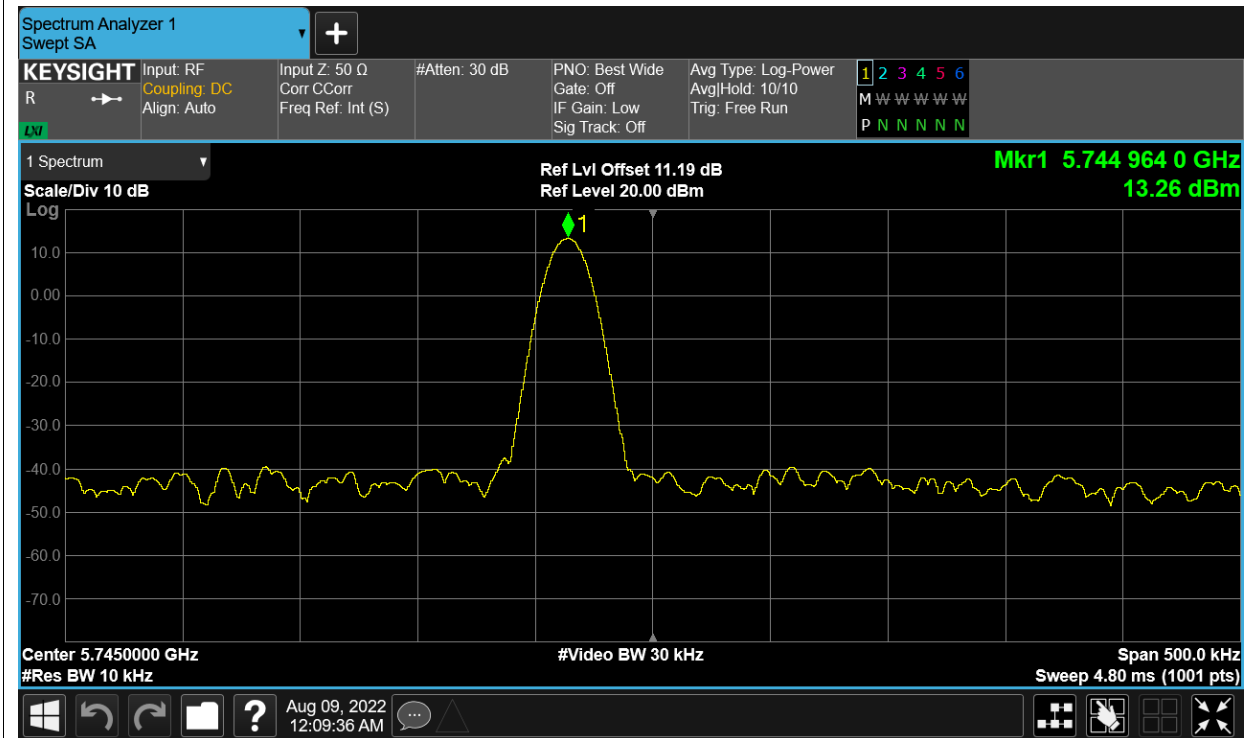
Remark: "NTNV" means Normal Temperature Normal Voltage, "NVHT" means Normal Voltage High Temperature, "NVLT" means Normal Voltage Low Temperature, "LVNT" means Low Voltage Normal Temperature, "HVNT" means High Voltage Normal Temperature.

Test Graphs

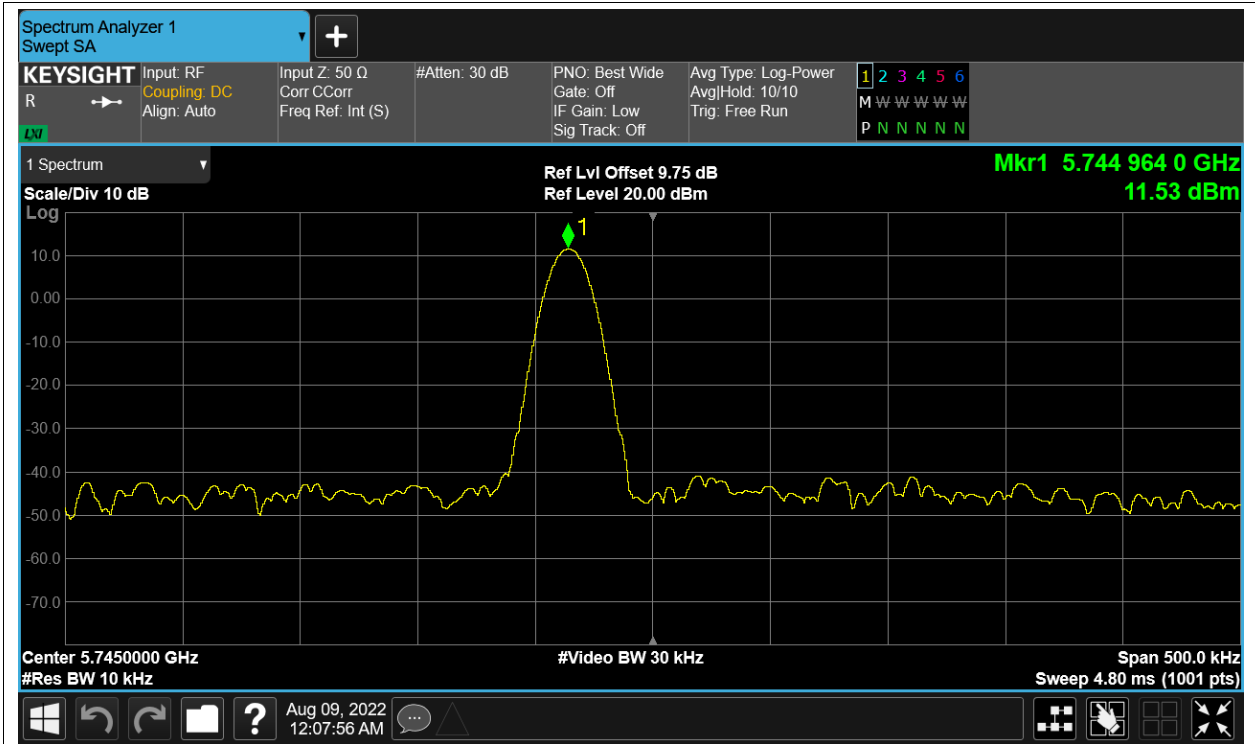
Freq. Stability HVNT a 5745MHz Ant1



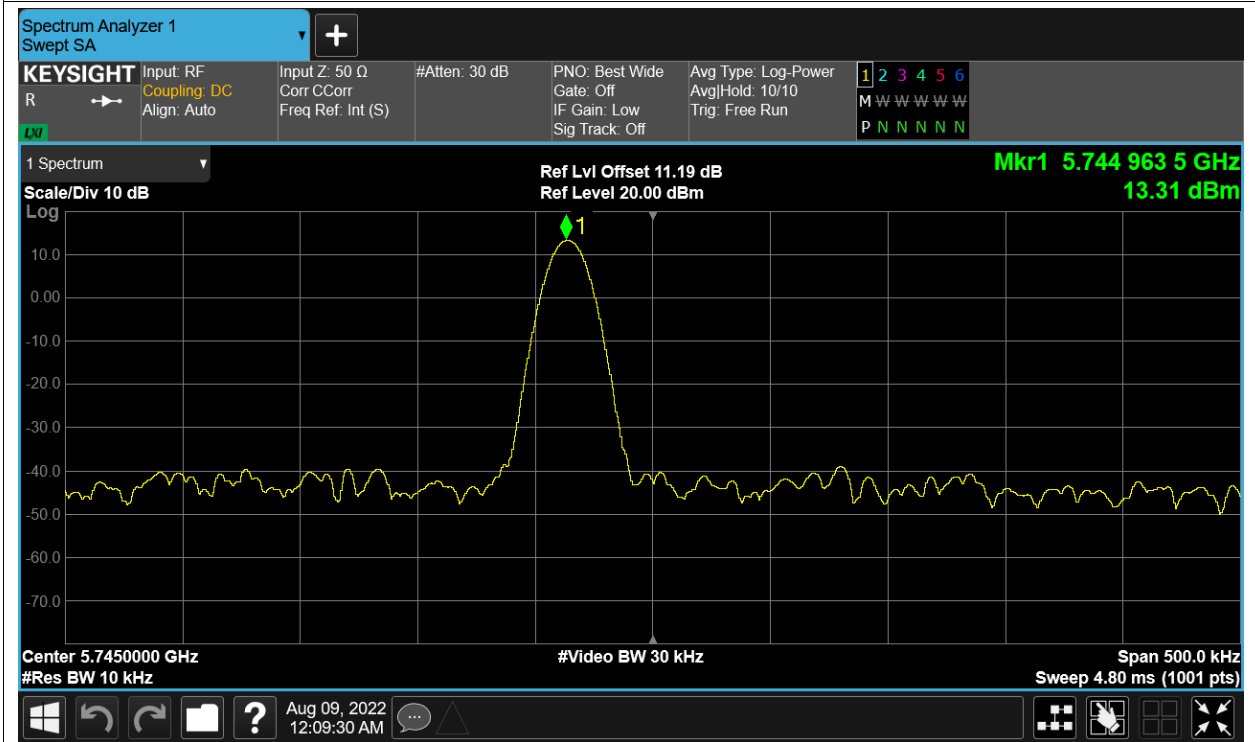
Freq. Stability HVNT a 5745MHz Ant2



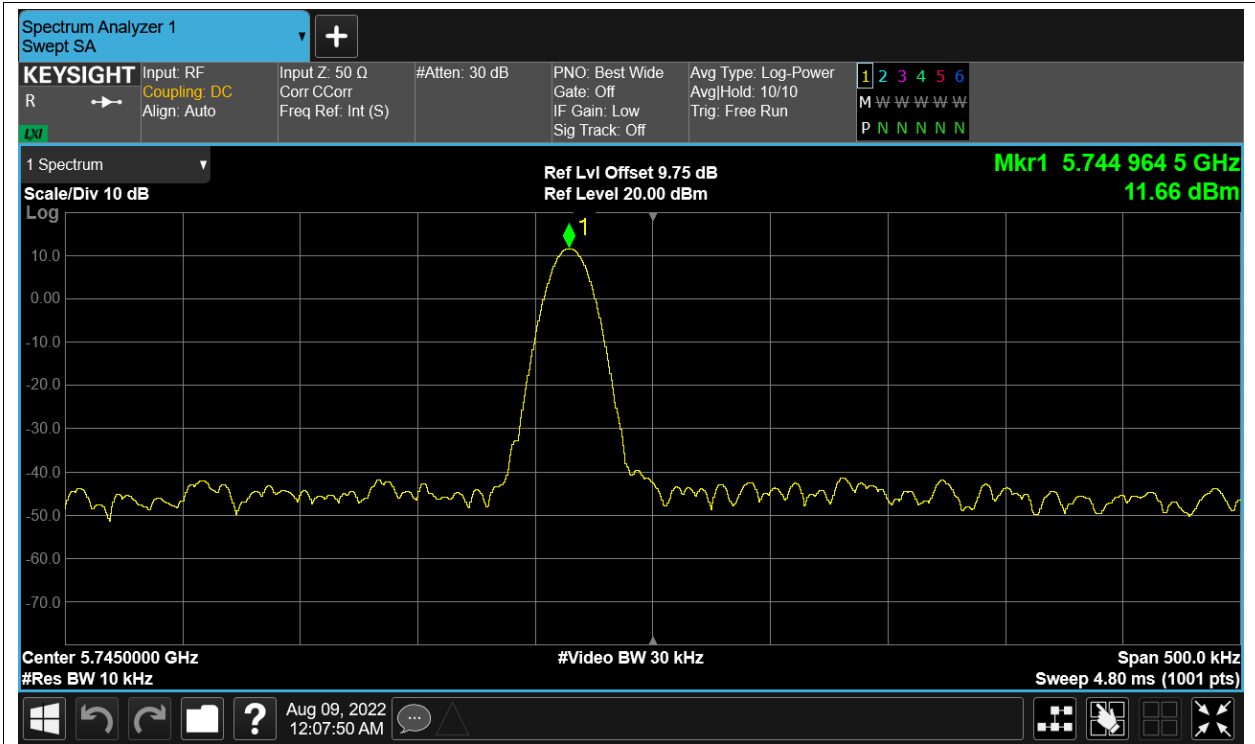
Freq. Stability LVNT a 5745MHz Ant1



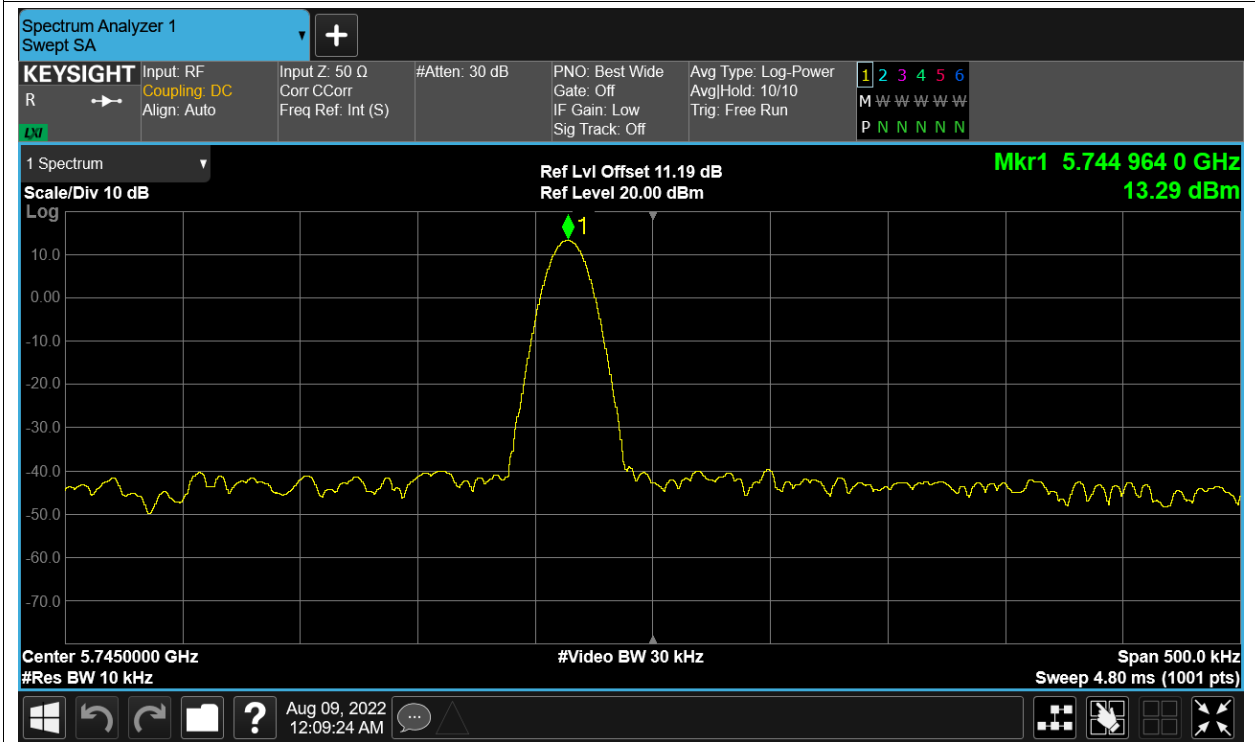
Freq. Stability LVNT a 5745MHz Ant2



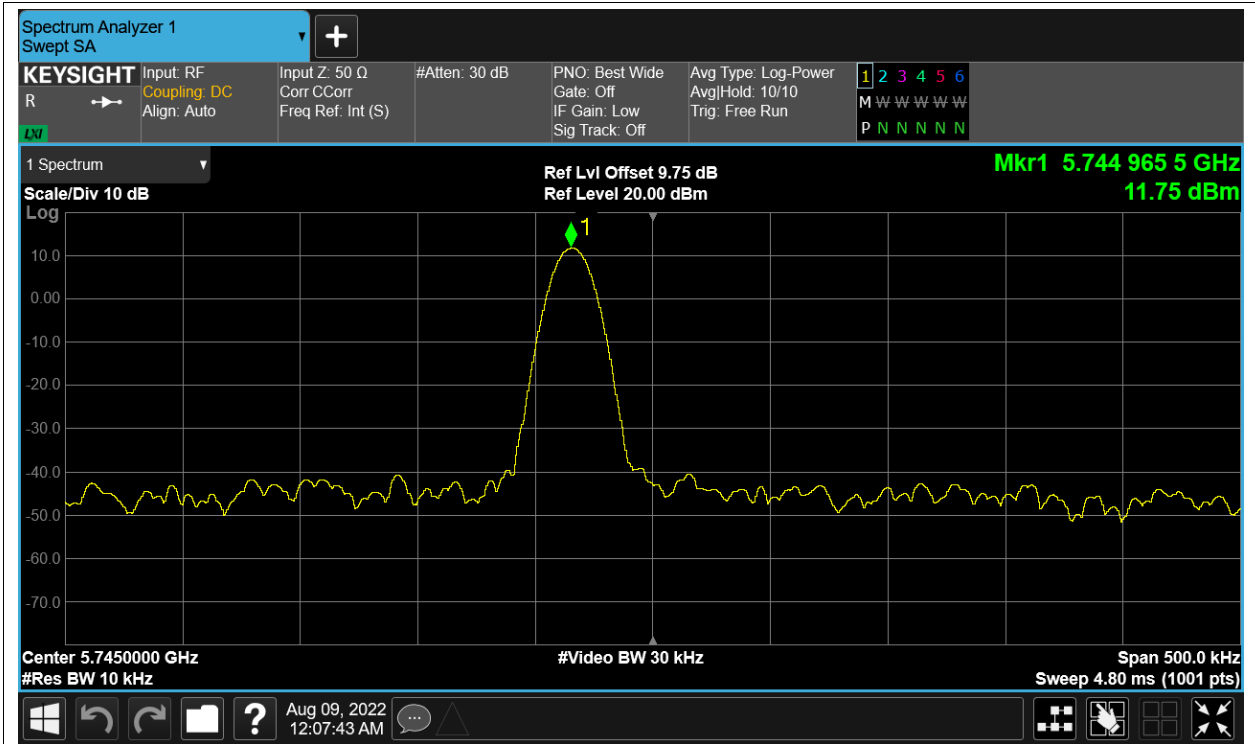
Freq. Stability NVHT a 5745MHz Ant1



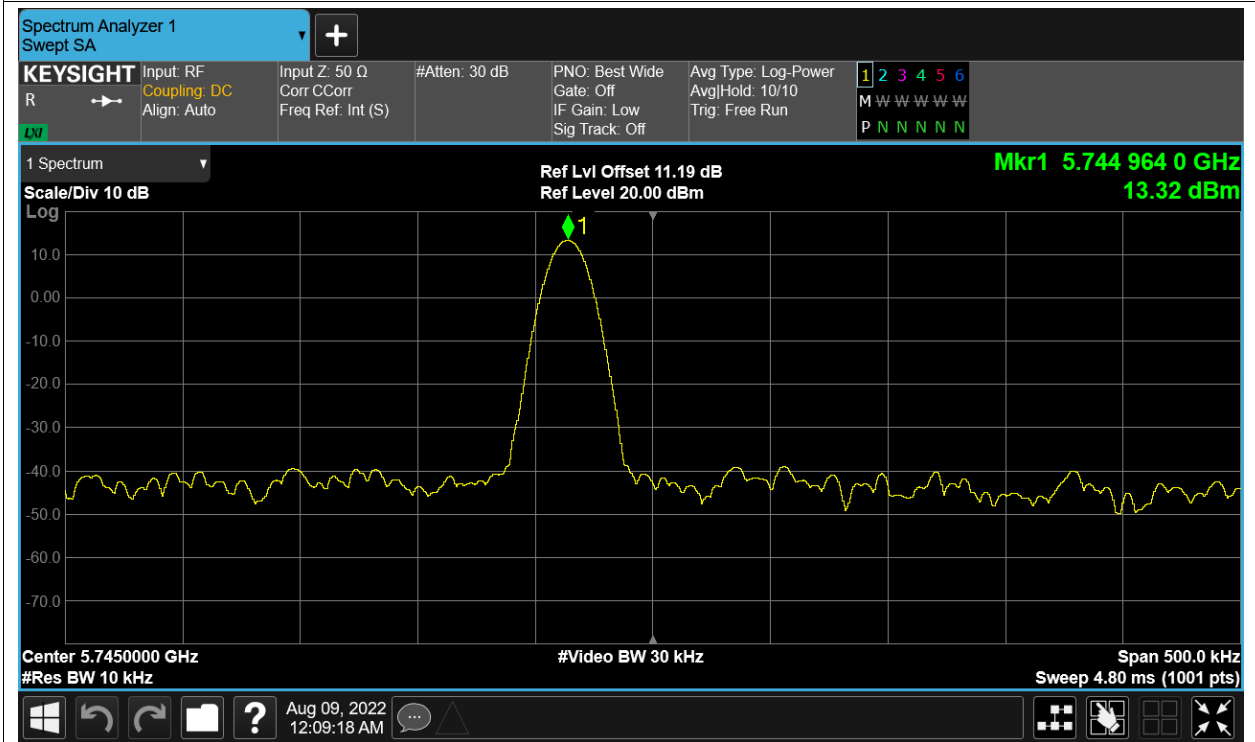
Freq. Stability NVHT a 5745MHz Ant2



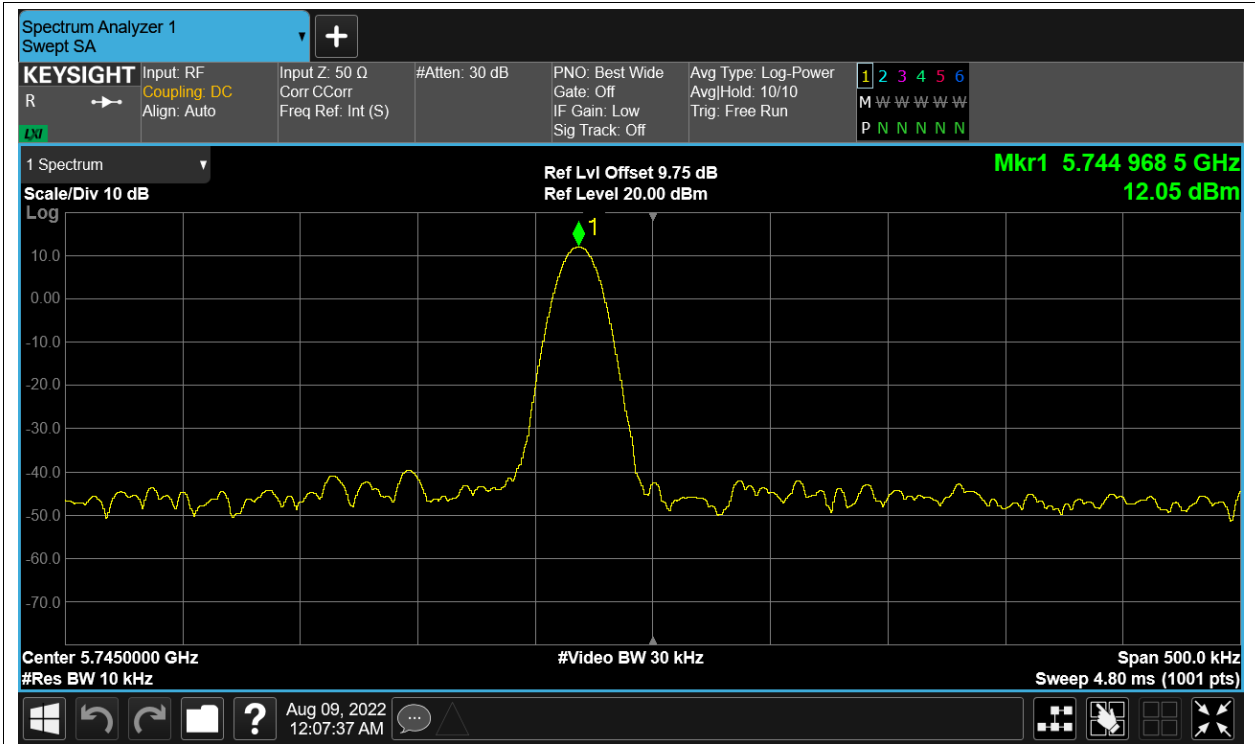
Freq. Stability NVLT a 5745MHz Ant1



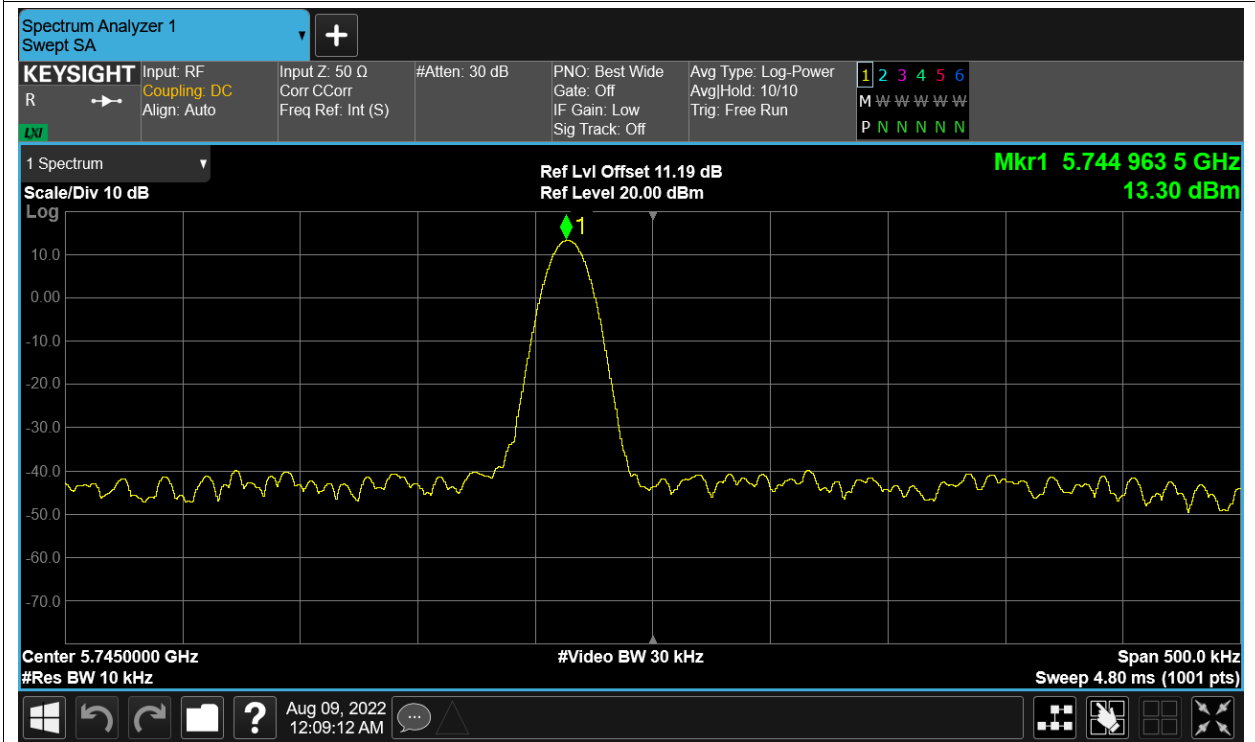
Freq. Stability NVLT a 5745MHz Ant2



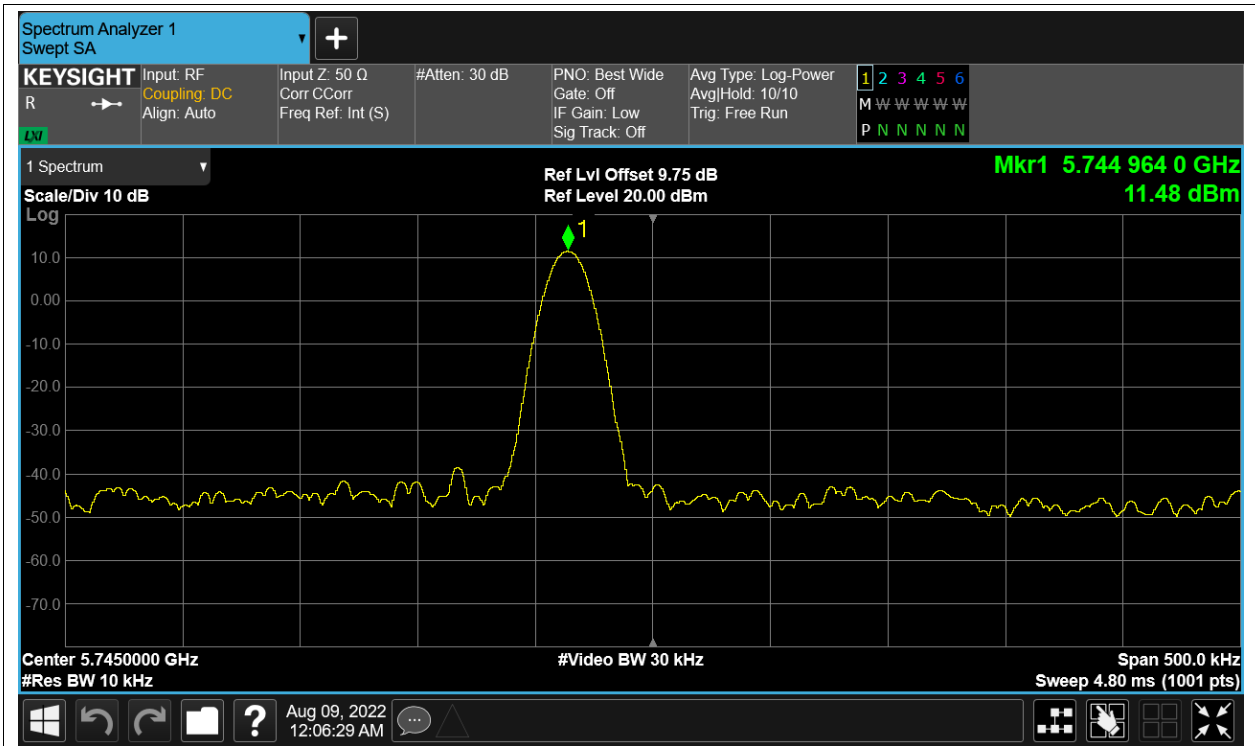
Freq. Stability NVNT a 5745MHz Ant1



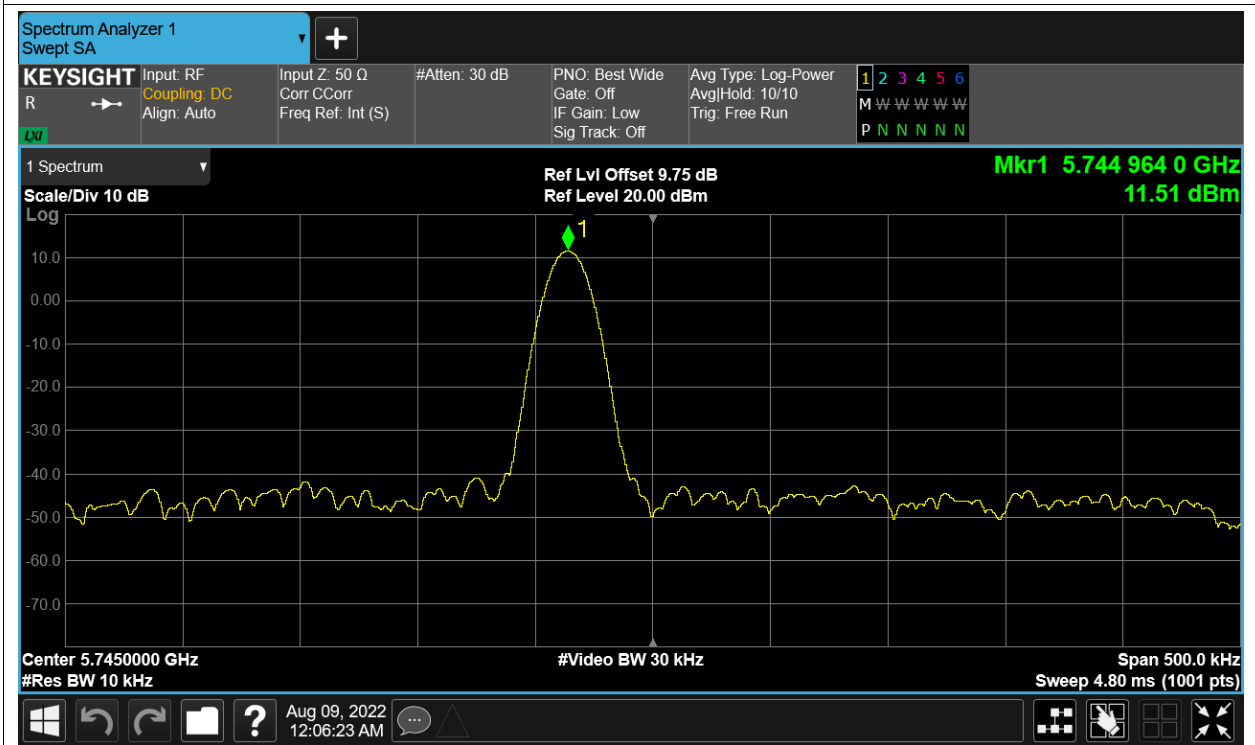
Freq. Stability NVNT a 5745MHz Ant2



Freq. Stability HVNT ac20 5745MHz Sum

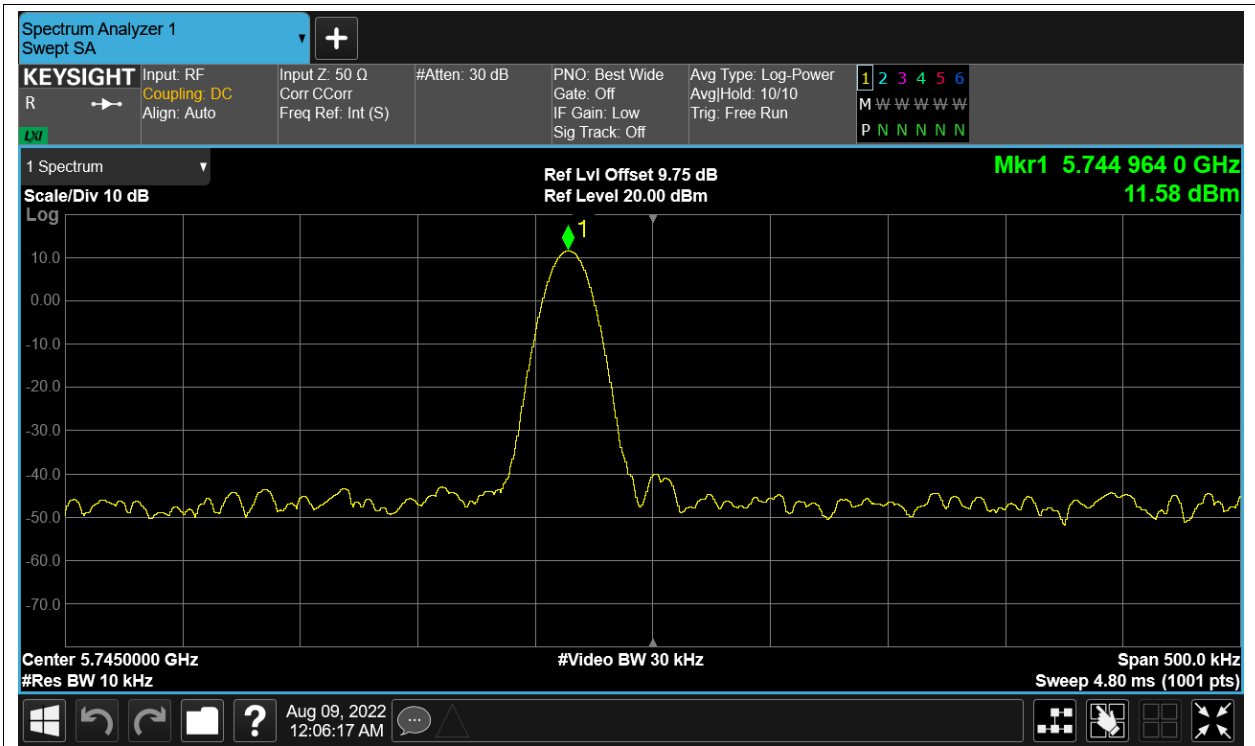


Freq. Stability LVNT ac20 5745MHz Sum

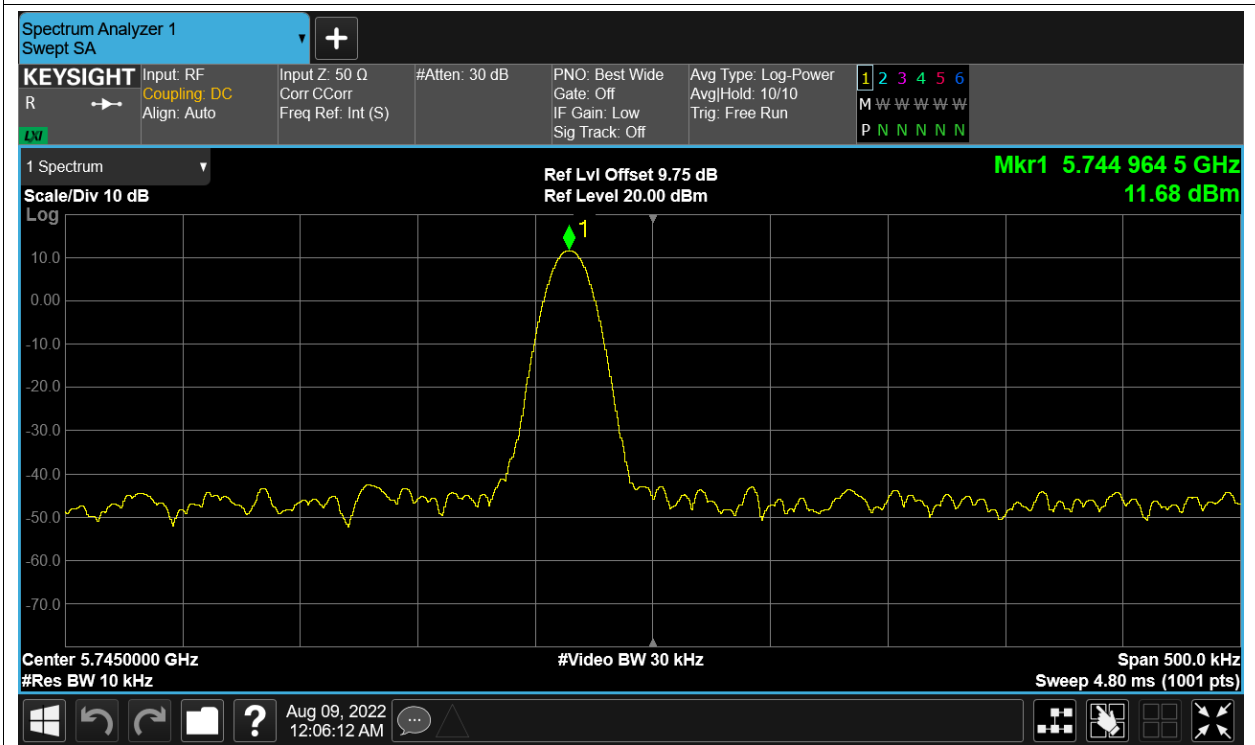


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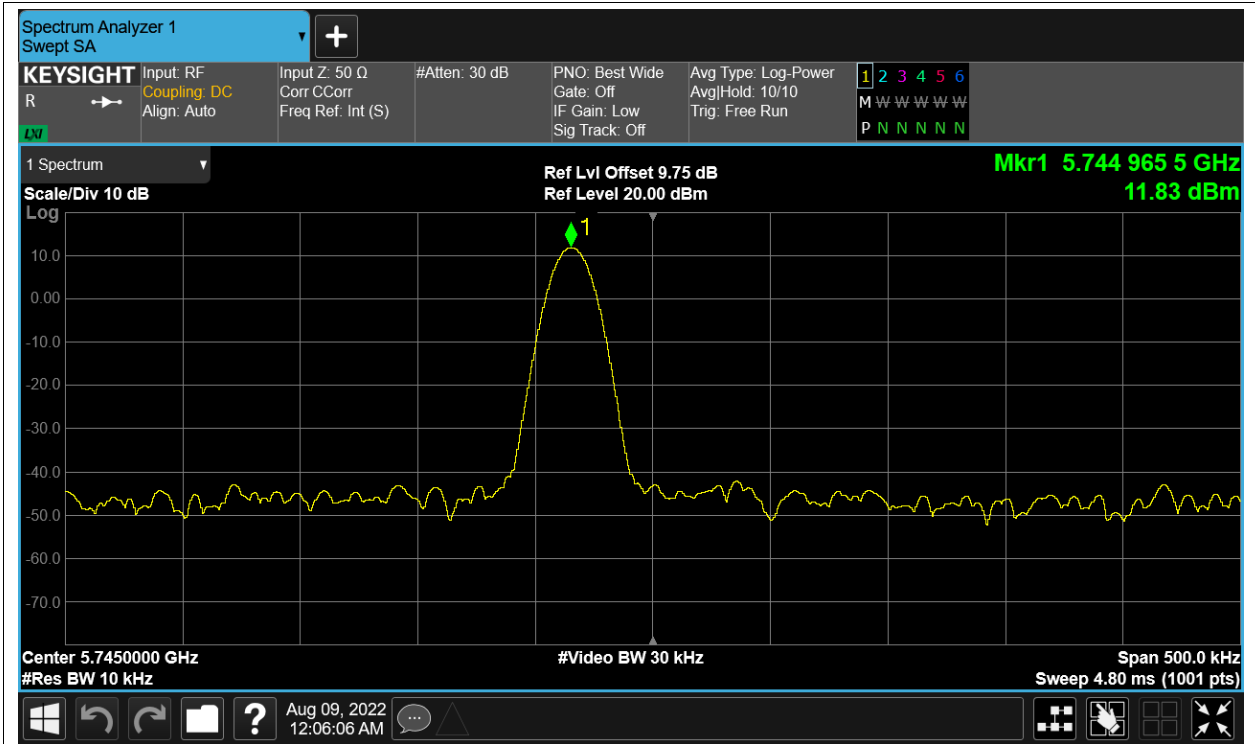




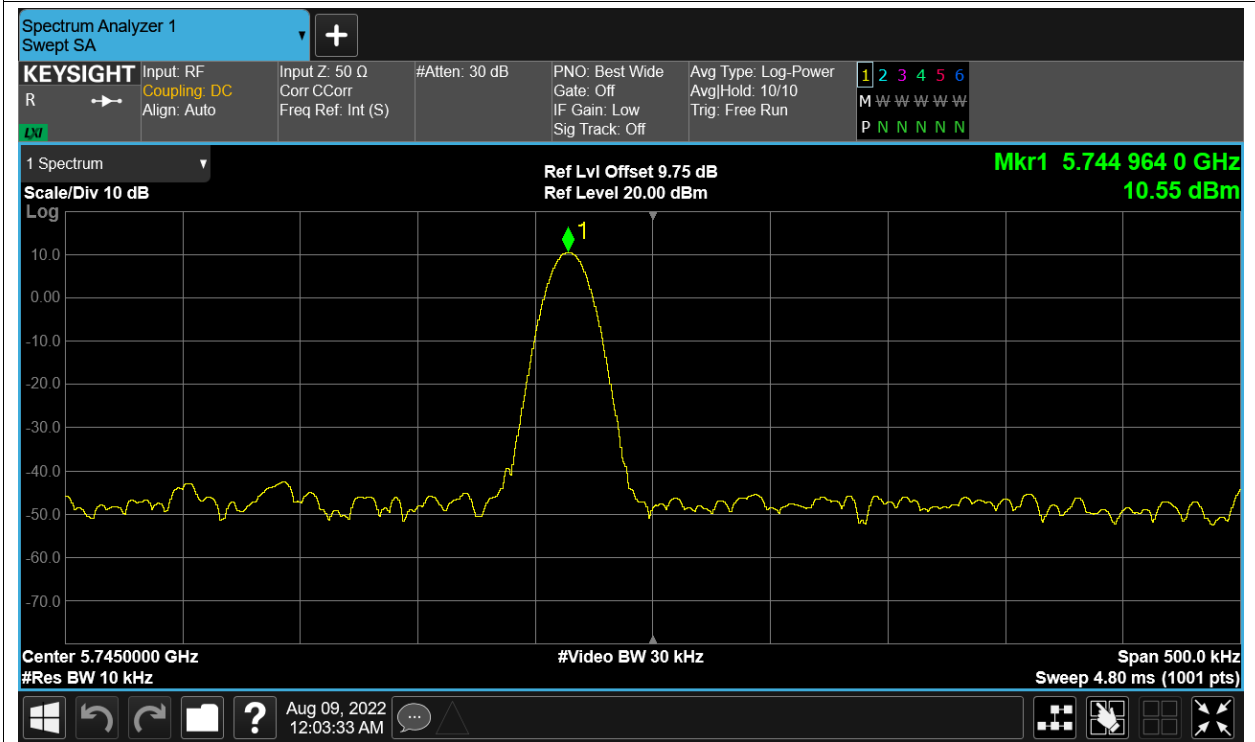
Freq. Stability NVLT ac20 5745MHz Sum



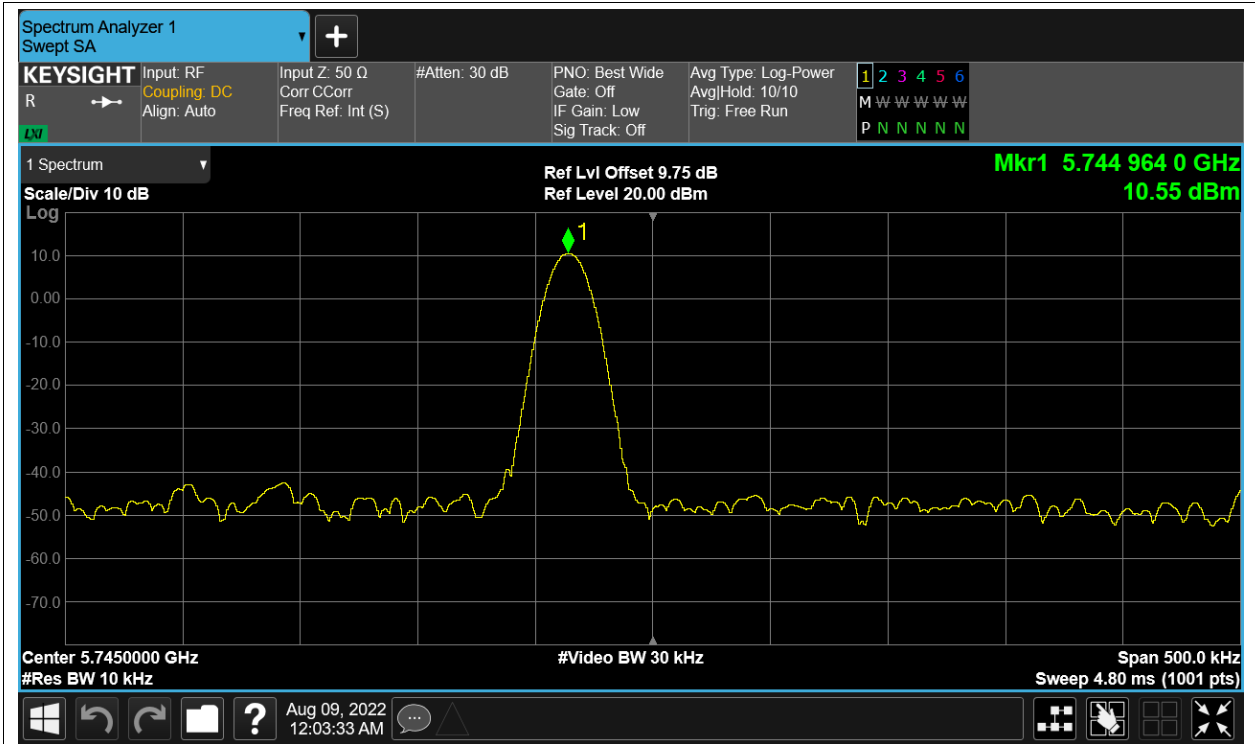
Freq. Stability NVNT ac20 5745MHz Sum



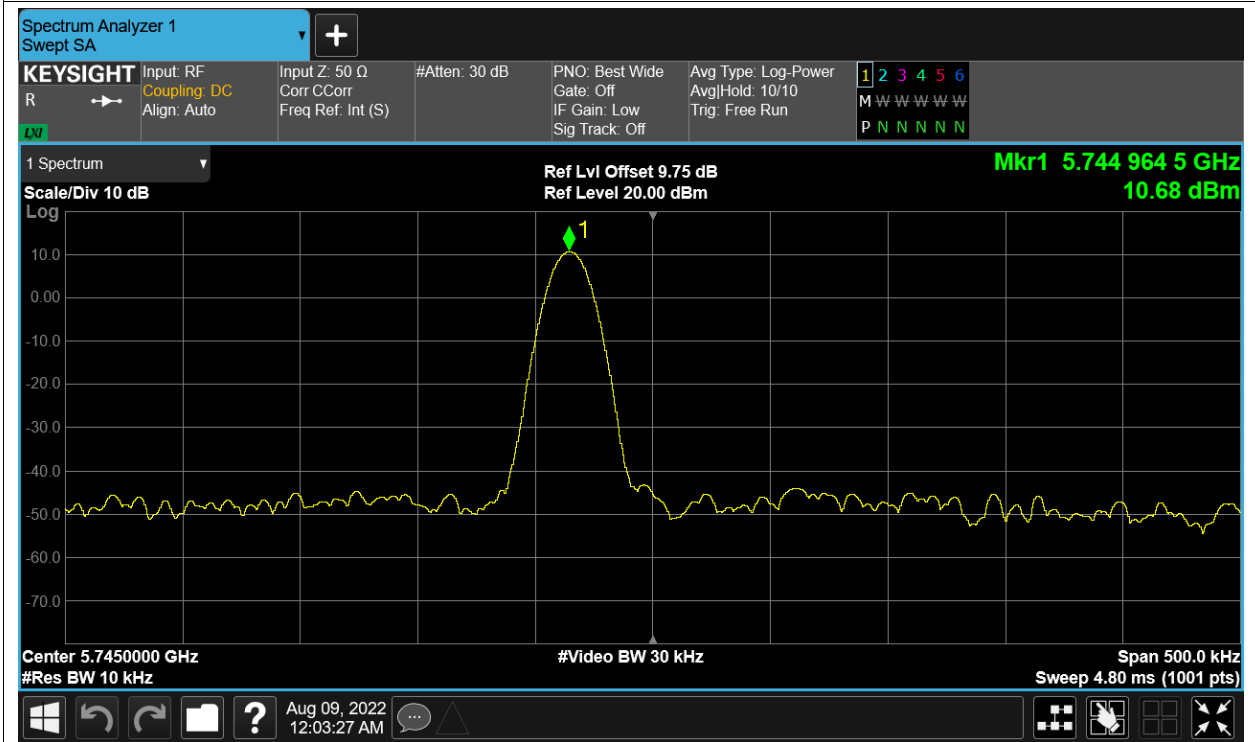
Freq. Stability HVNT ax20 5745MHz Sum



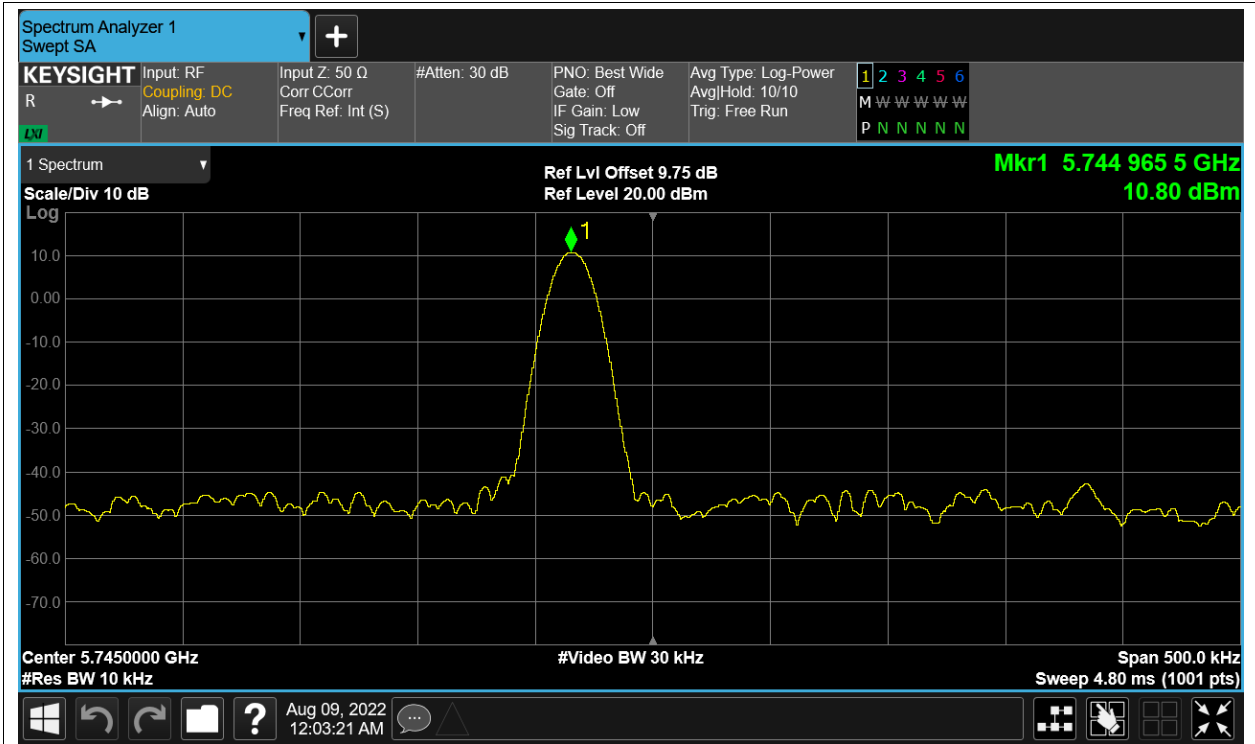
Freq. Stability LVNT ax20 5745MHz Sum



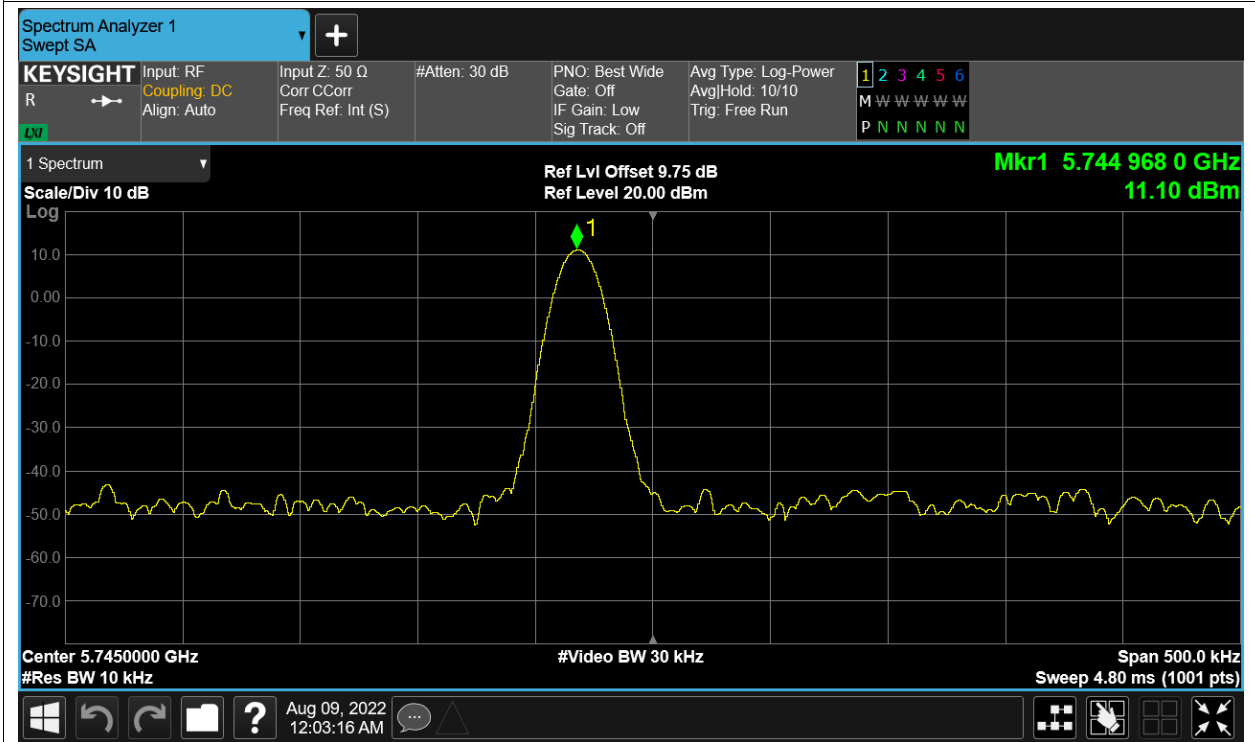
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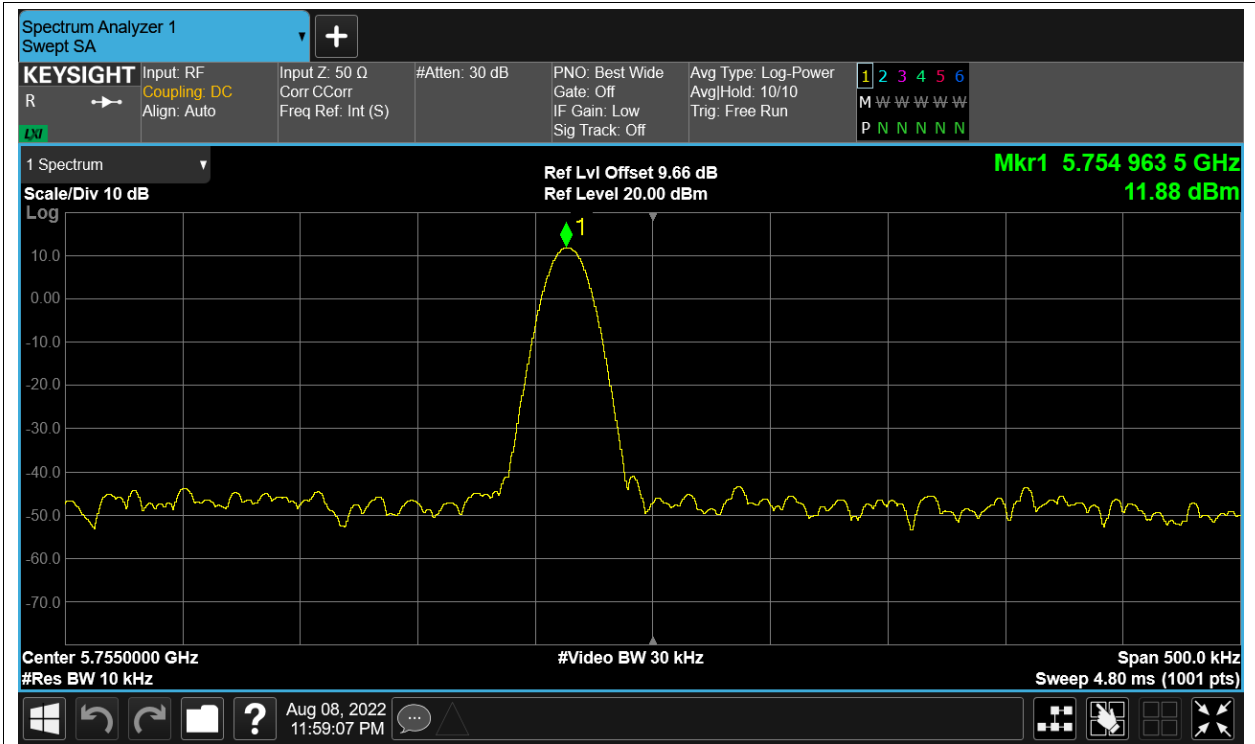
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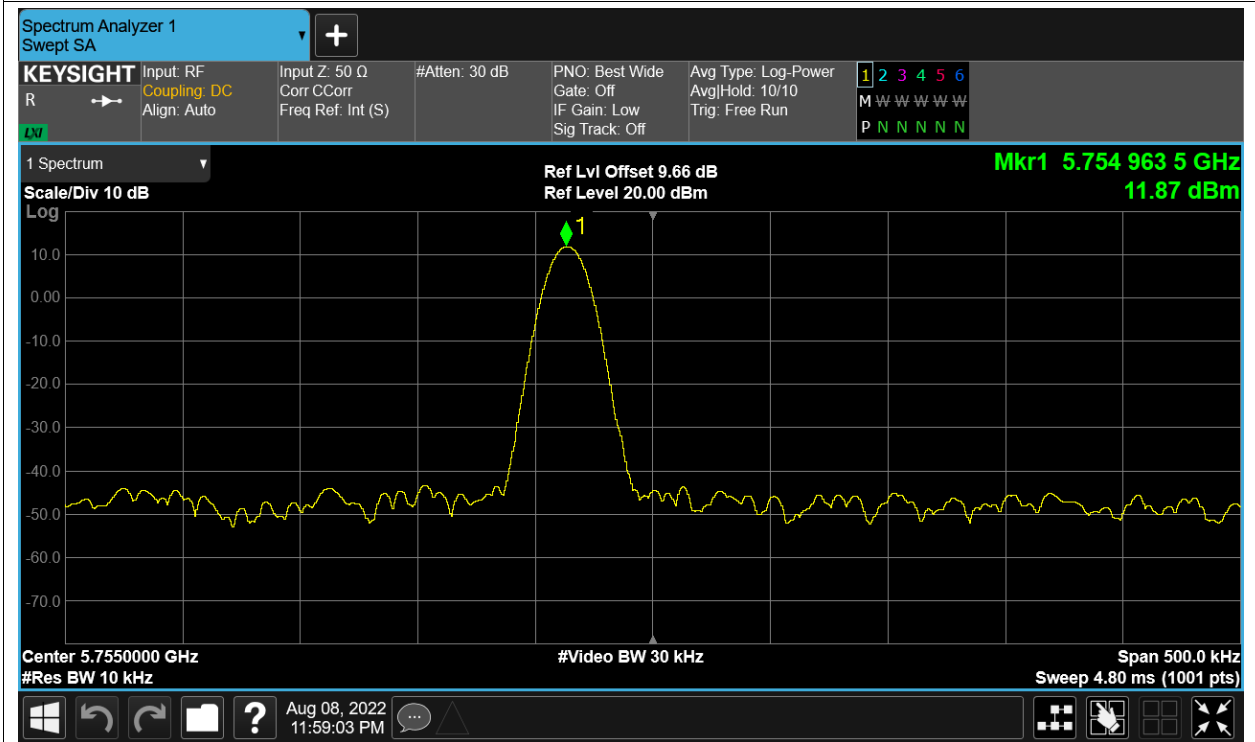
Freq. Stability NVNT ax20 5745MHz Sum



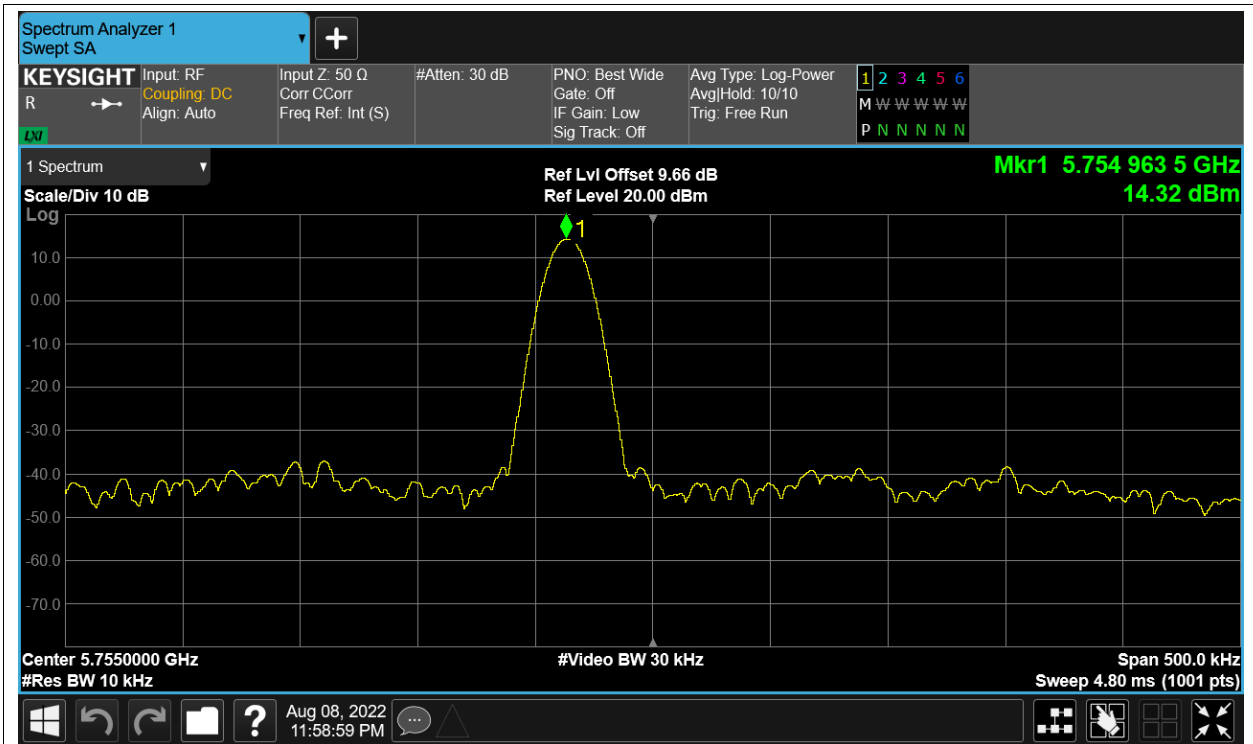
Freq. Stability HVNT ax40 5755MHz Sum



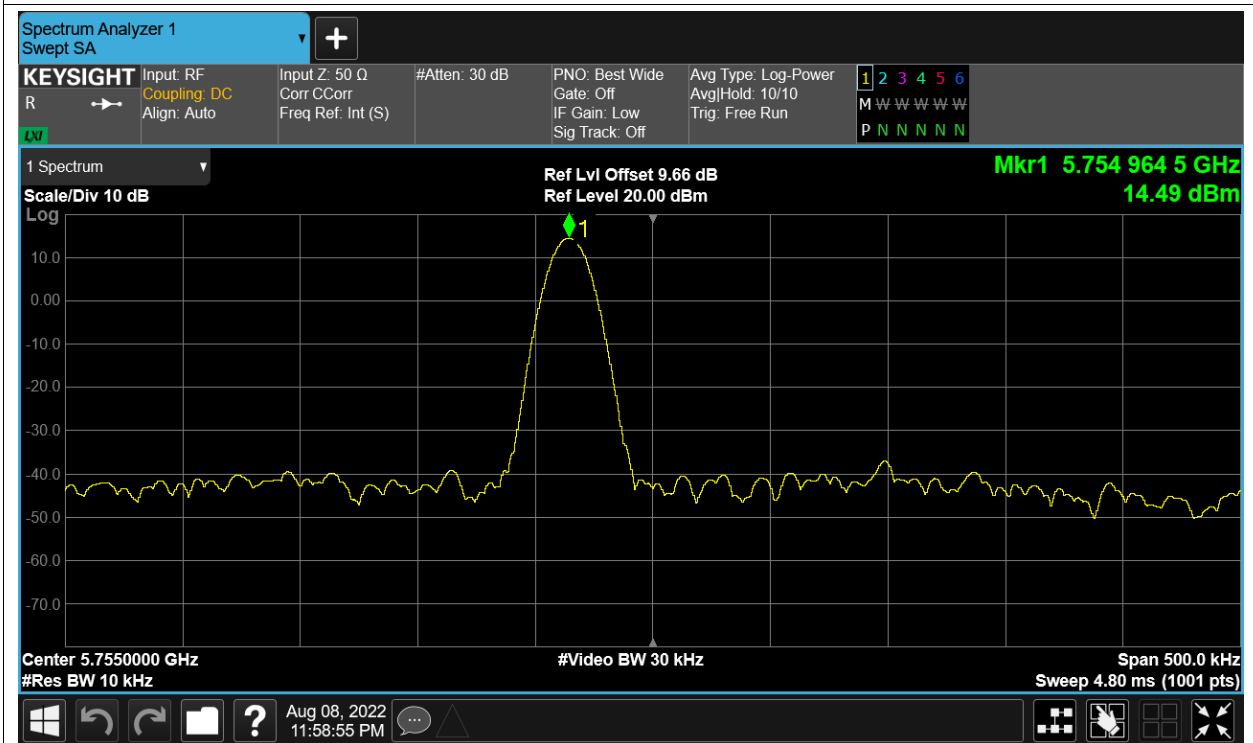
Freq. Stability LVNT ax40 5755MHz Sum



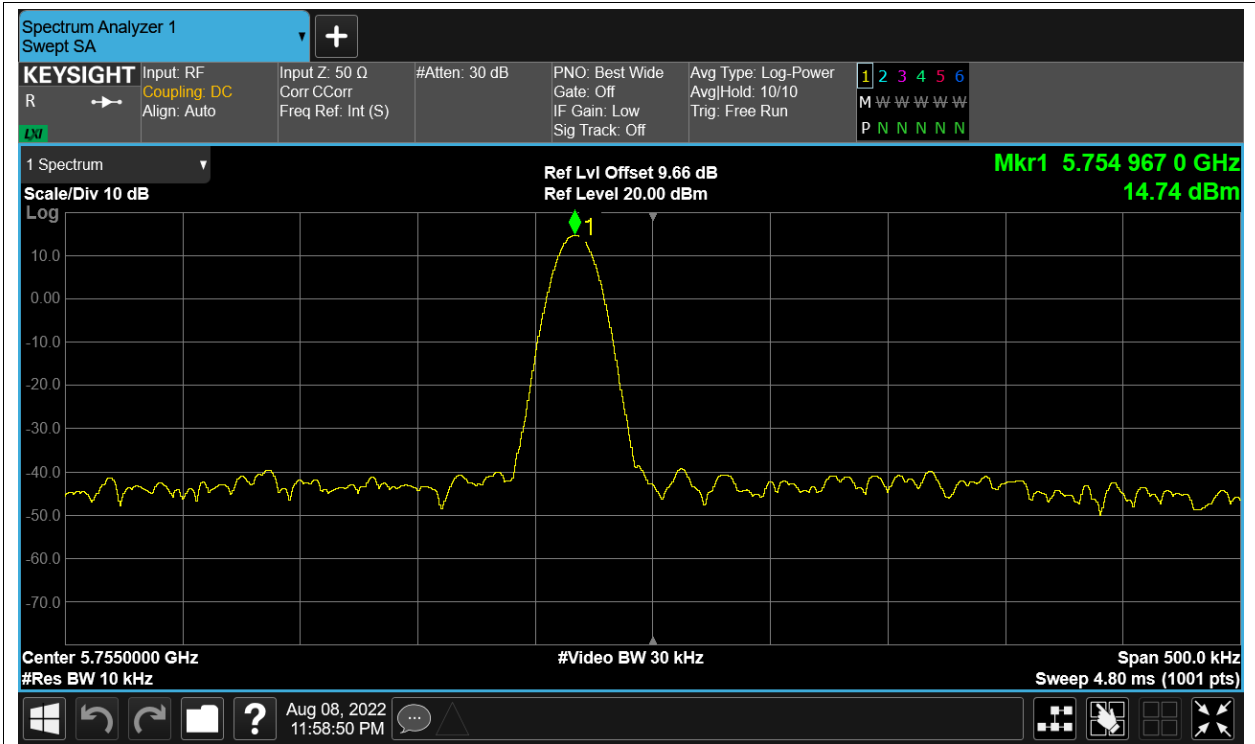
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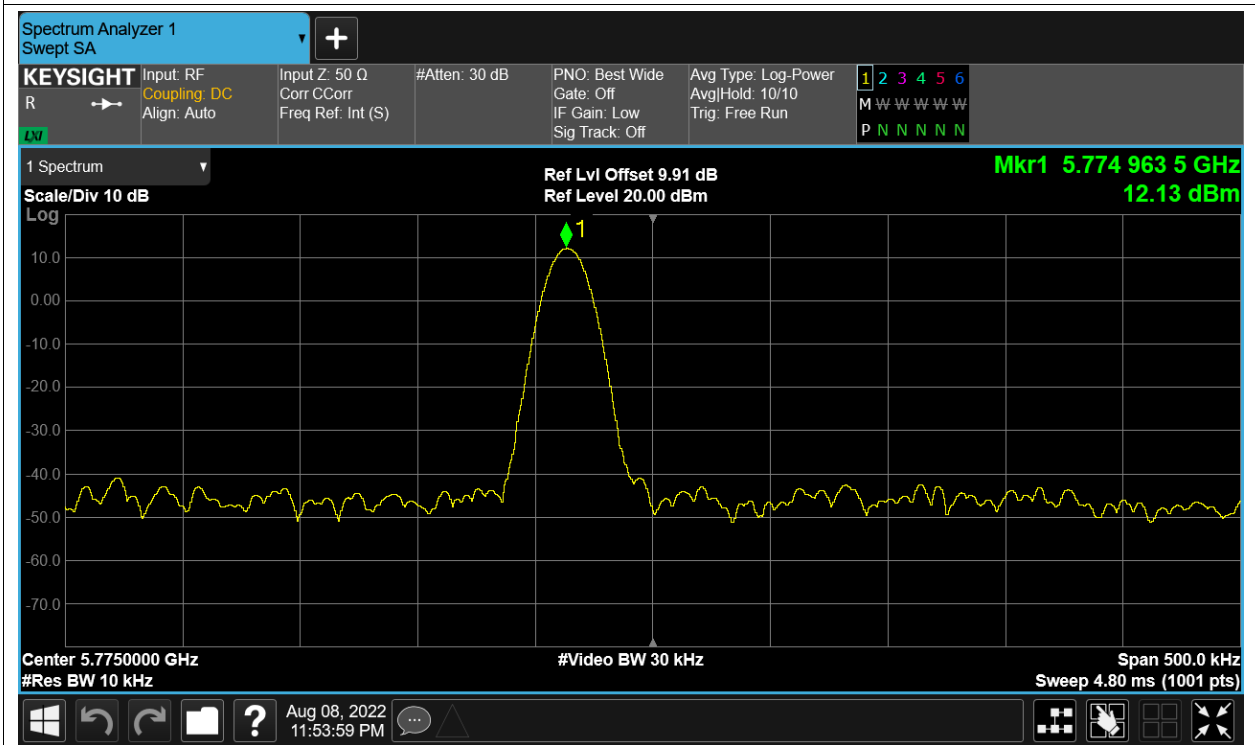
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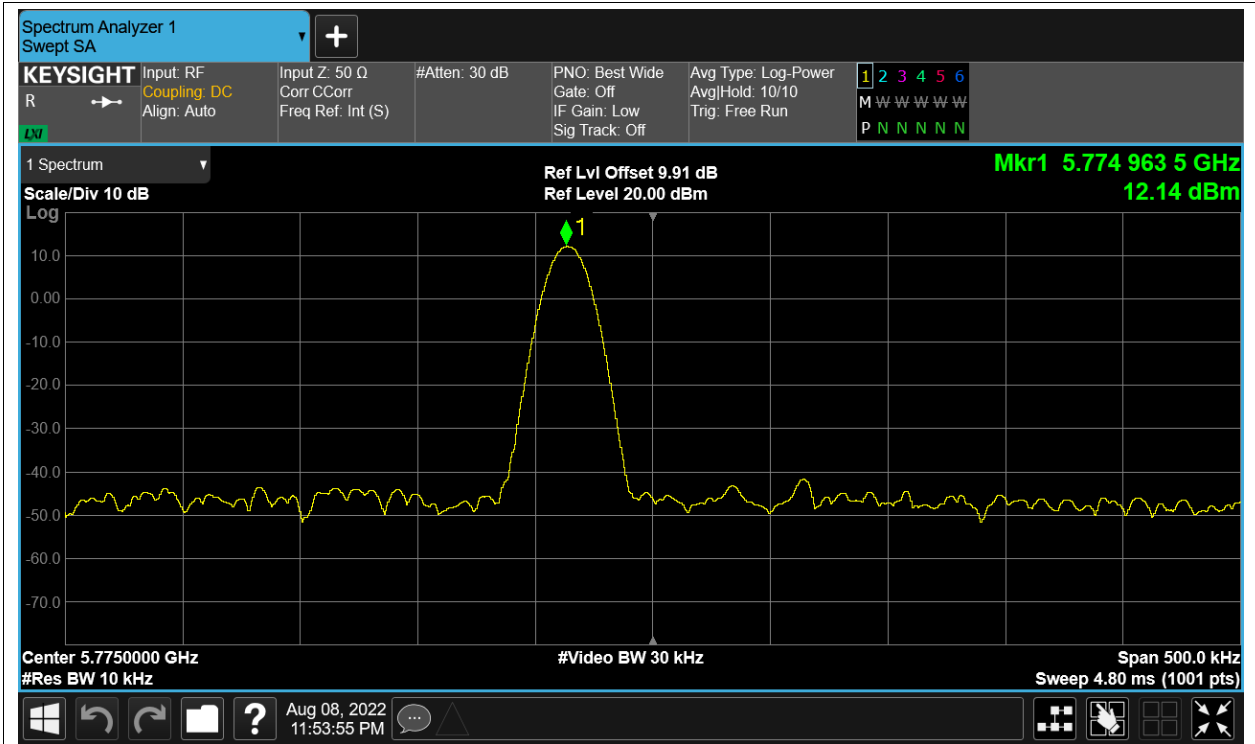
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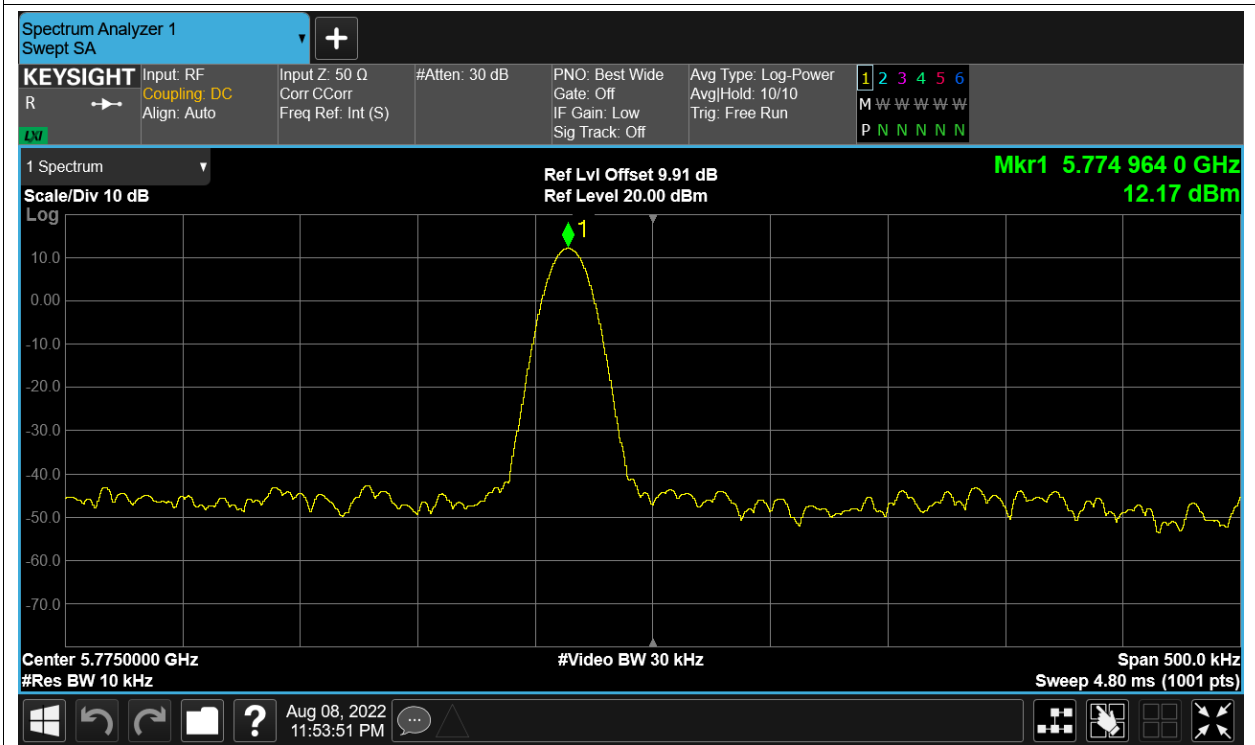
Freq. Stability HVNT ax80 5775MHz Sum



Freq. Stability LVNT ax80 5775MHz Sum

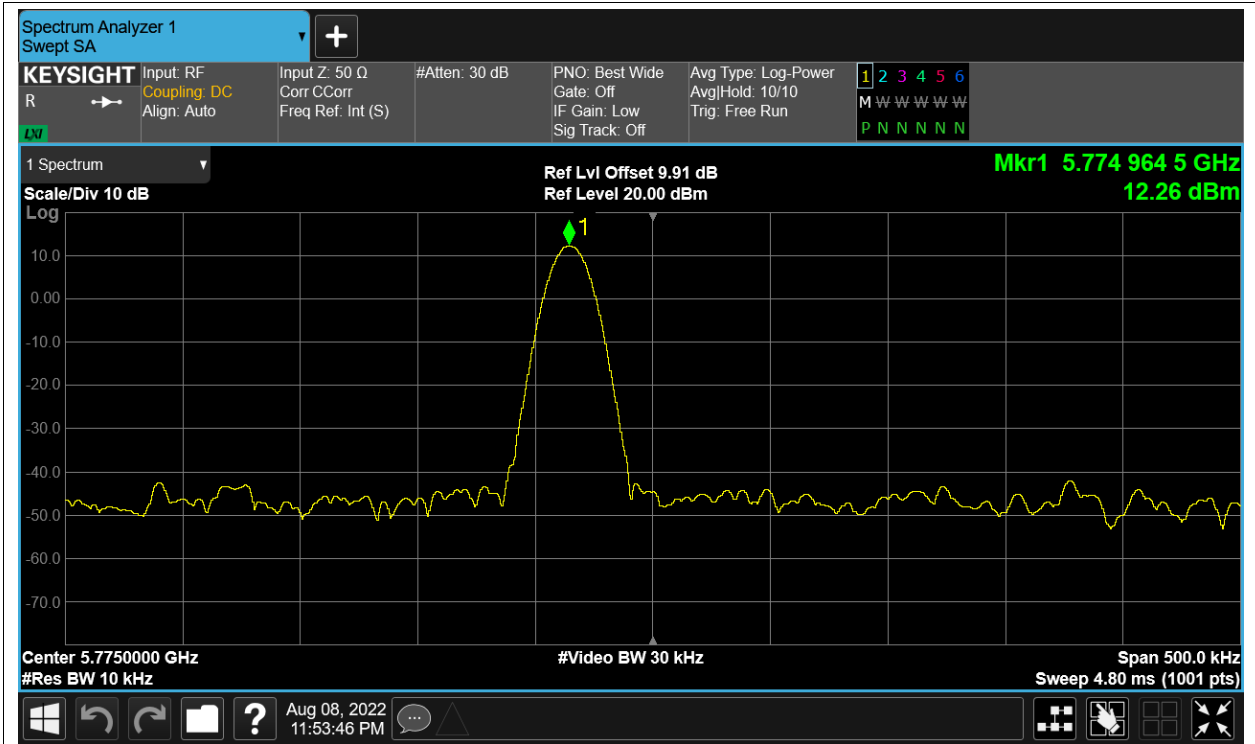


Freq. Stability NVHT ax80 5775MHz Sum

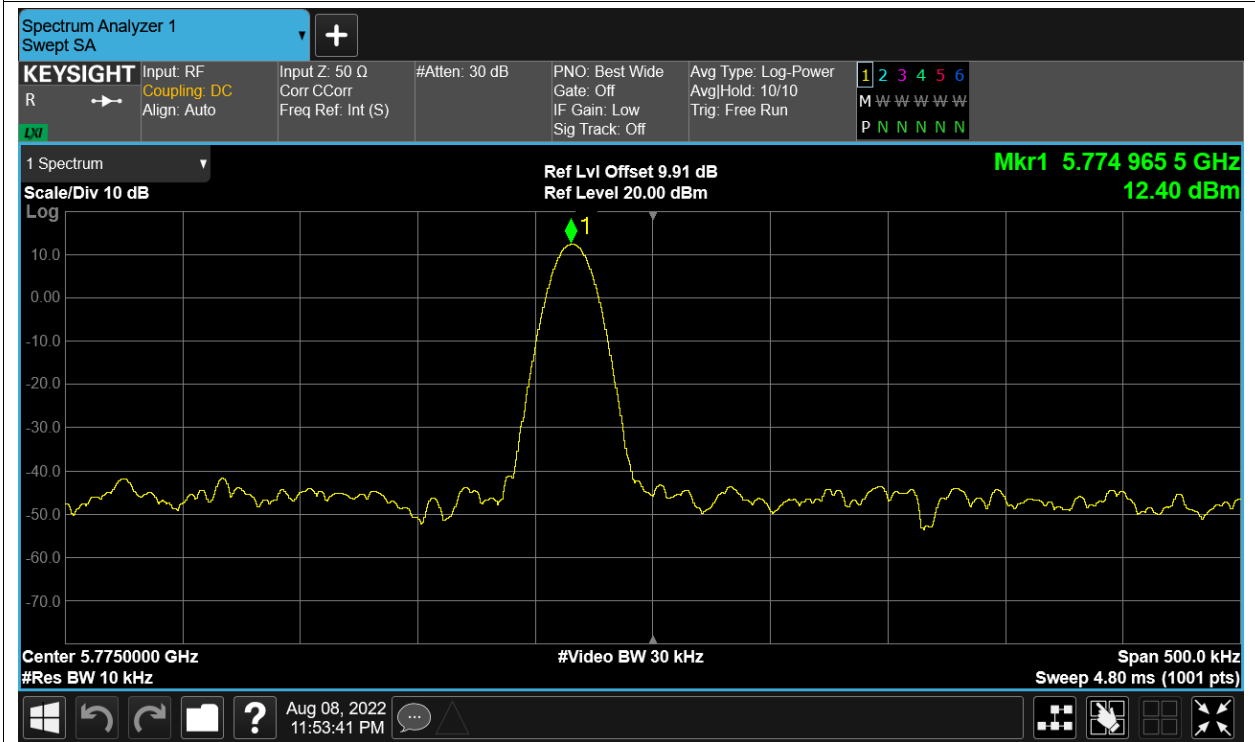


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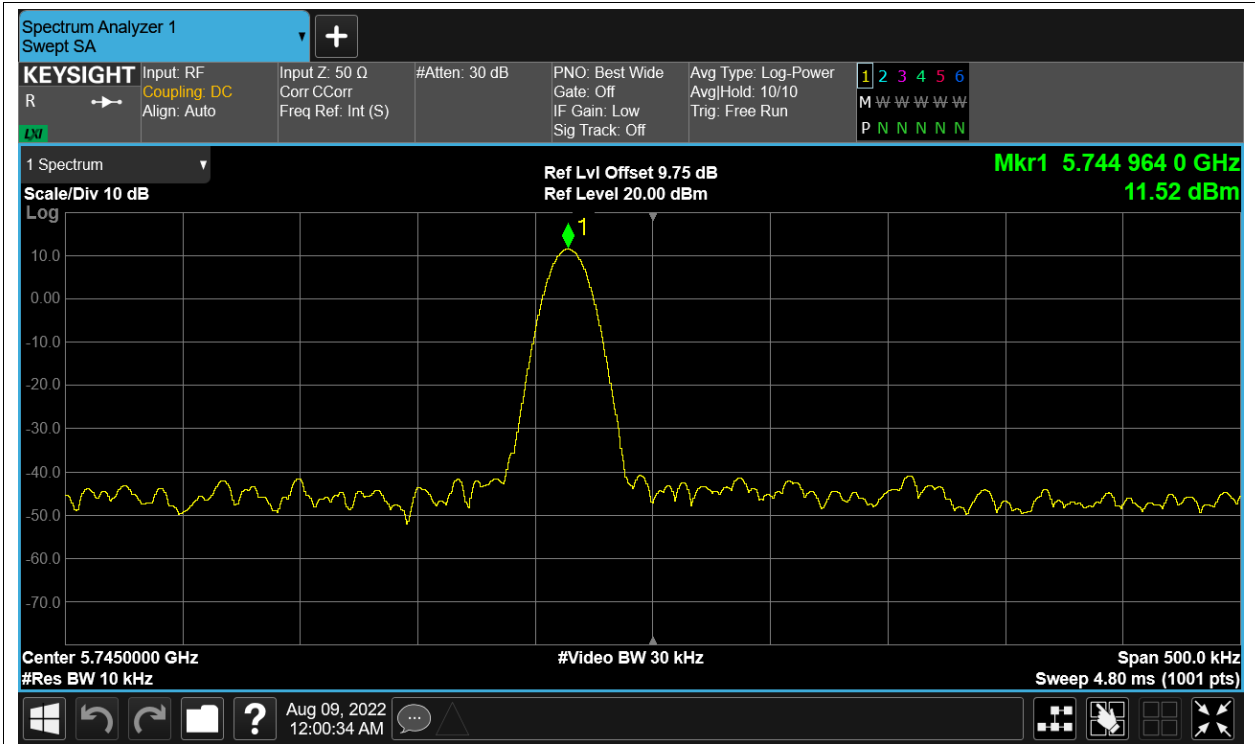




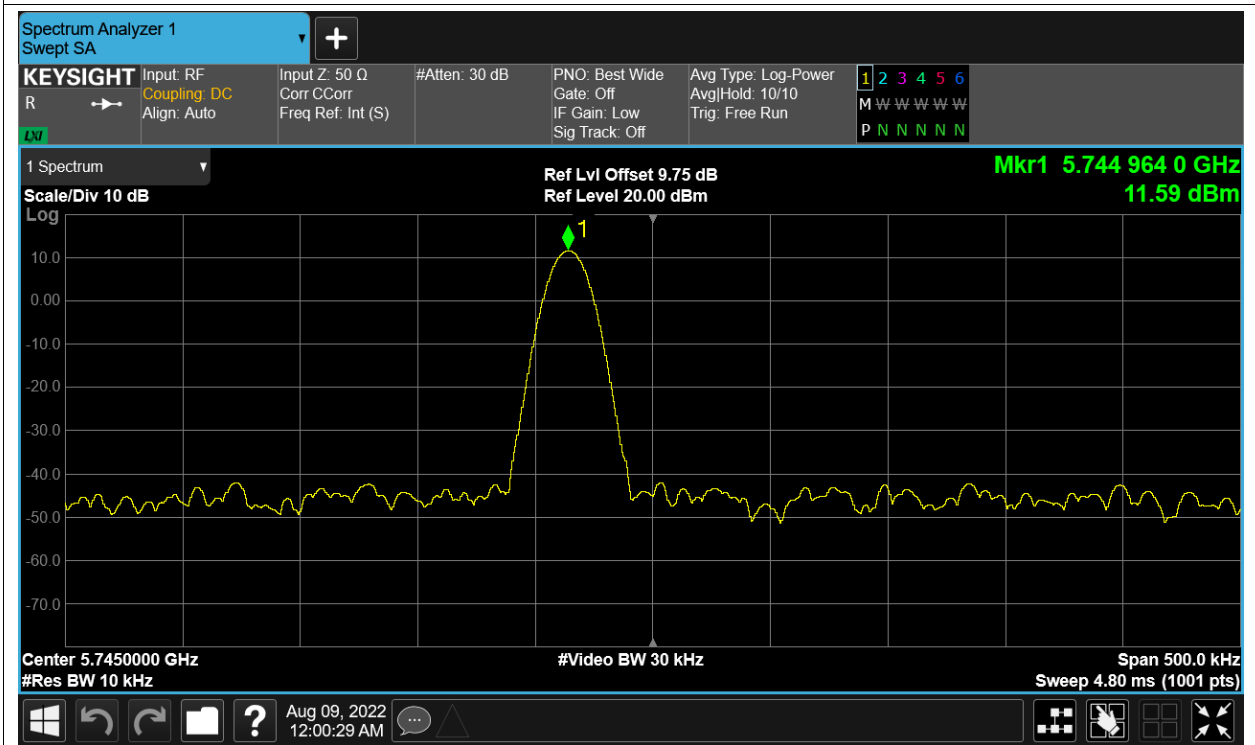
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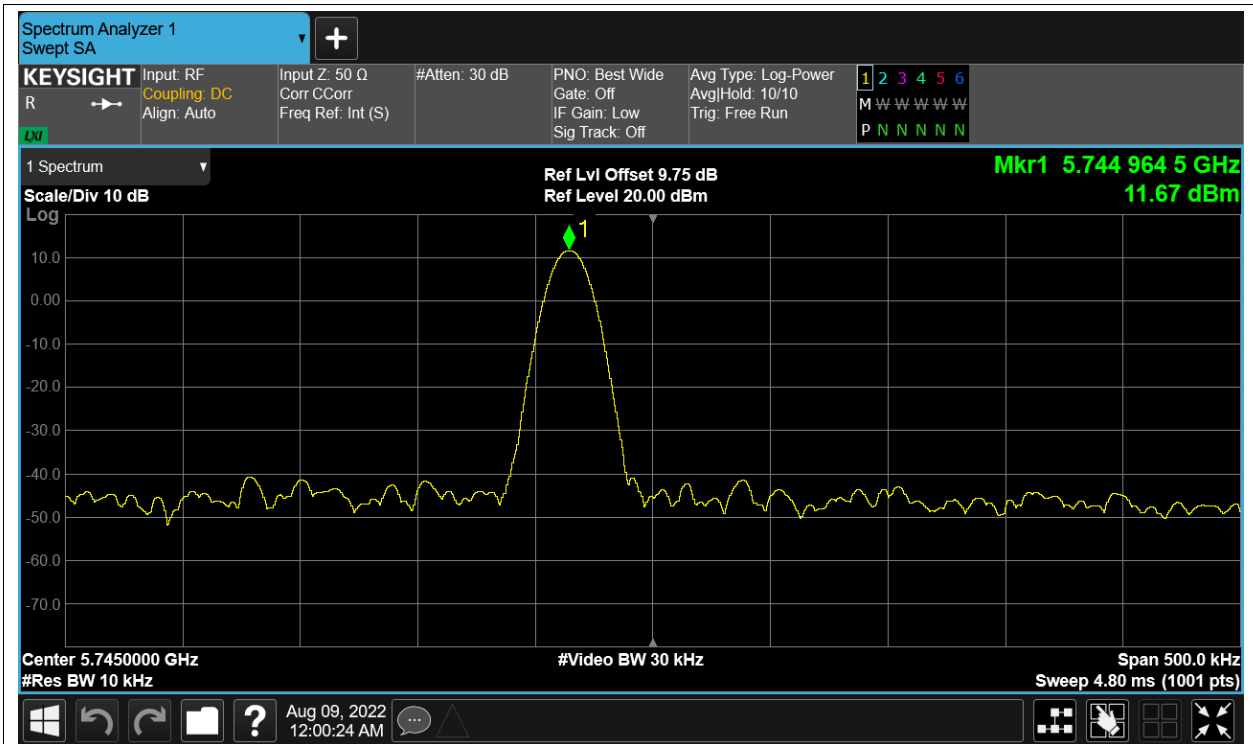
Freq. Stability HVNT n20 5745MHz Sum



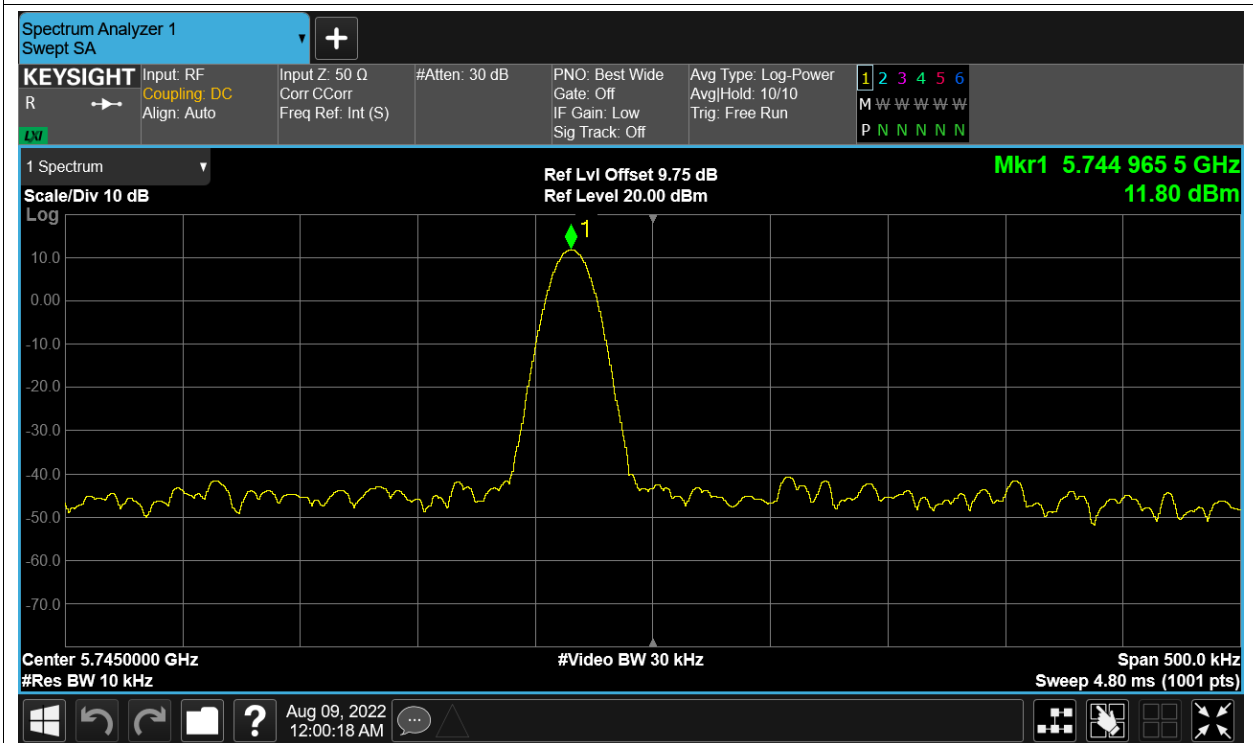
Freq. Stability LVNT n20 5745MHz Sum



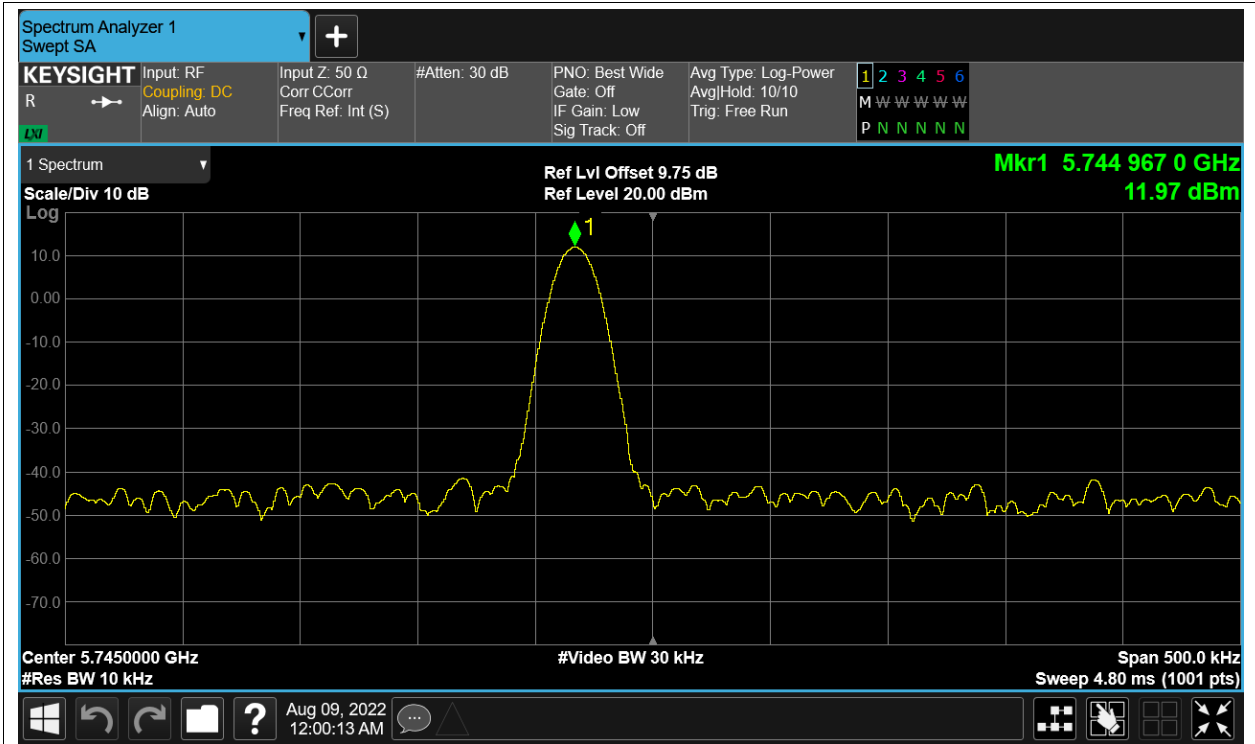
Freq. Stability NVHT n20 5745MHz Sum



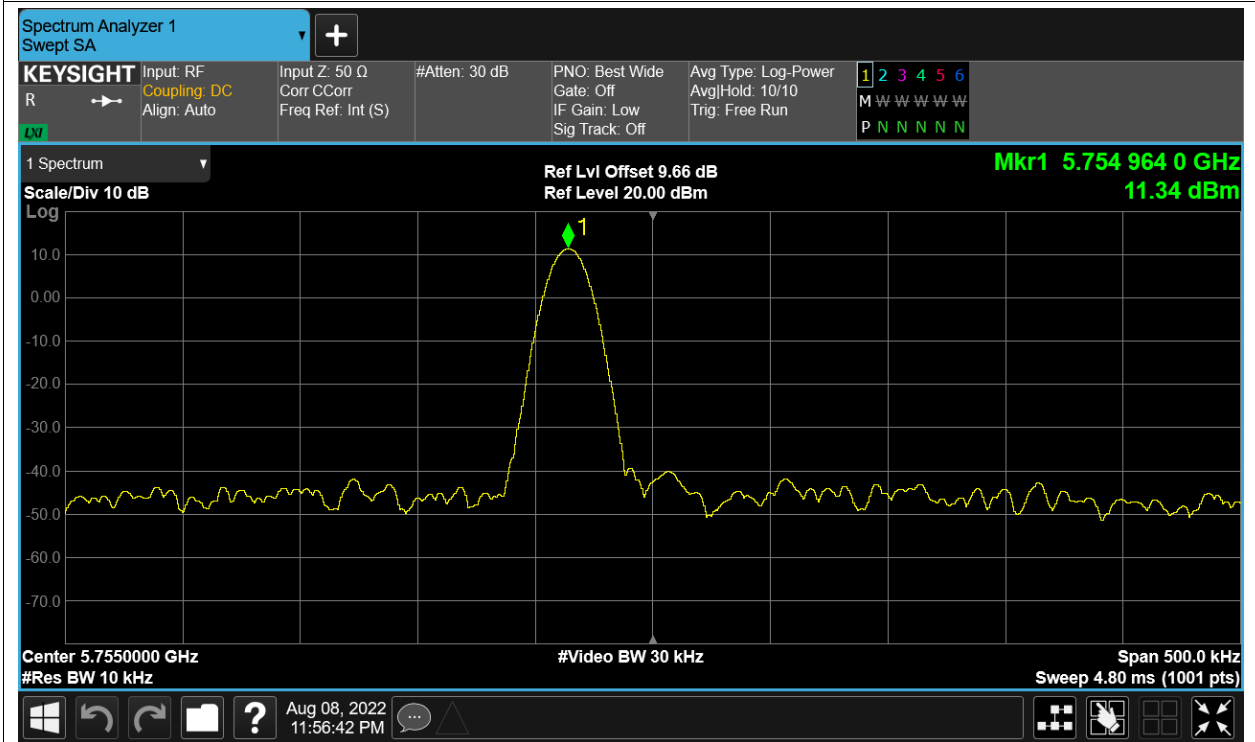
Freq. Stability NVLT n20 5745MHz Sum



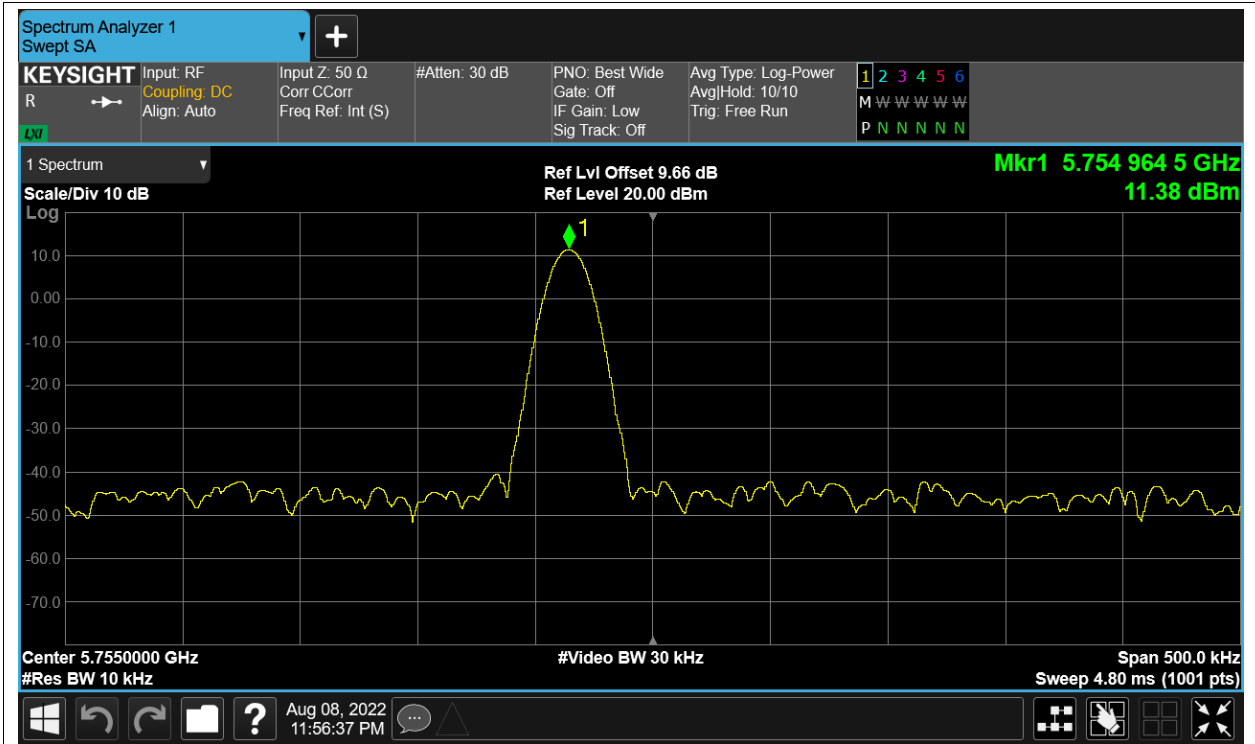
Freq. Stability NVNT n20 5745MHz Sum



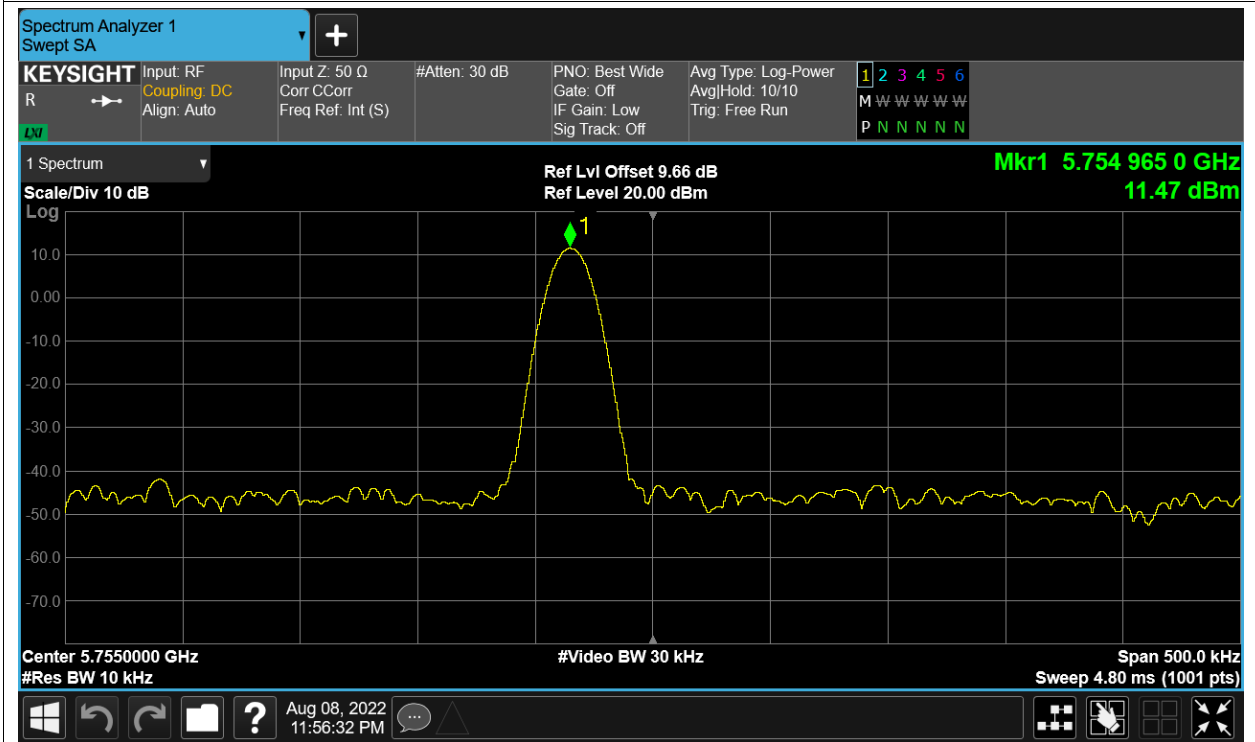
Freq. Stability HVNT n40 5755MHz Sum



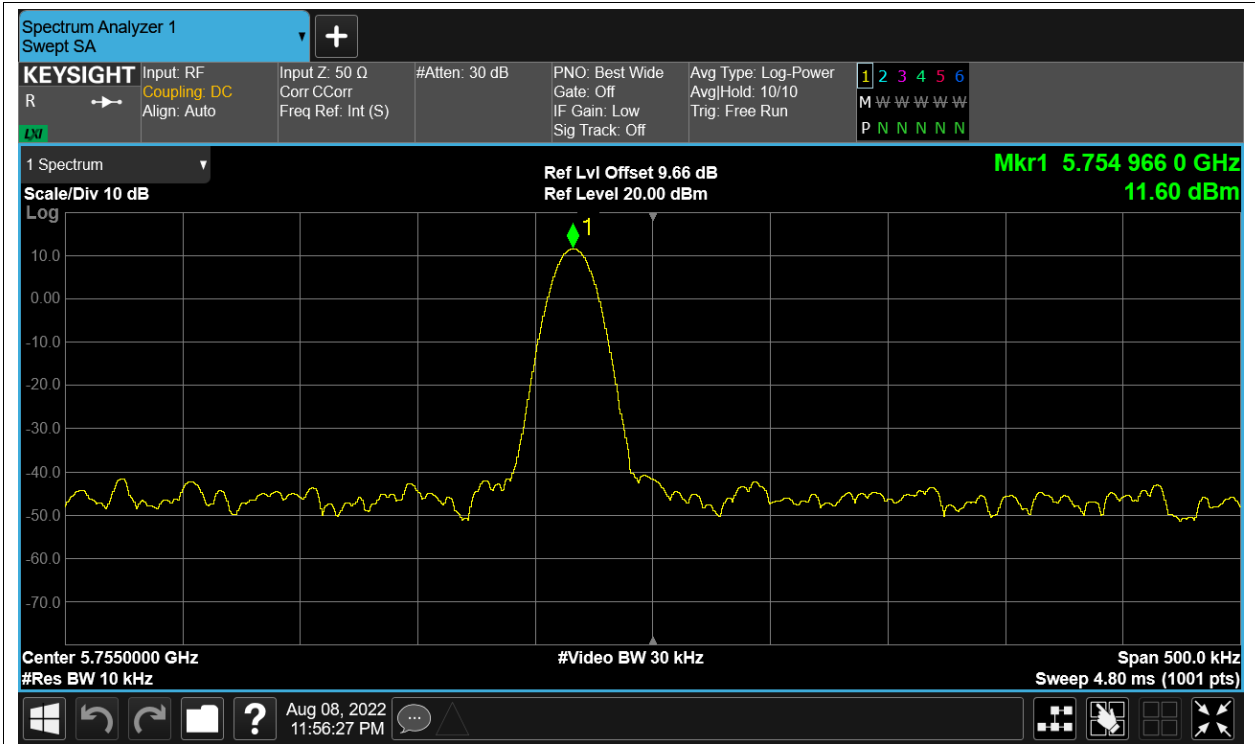
Freq. Stability LVNT n40 5755MHz Sum



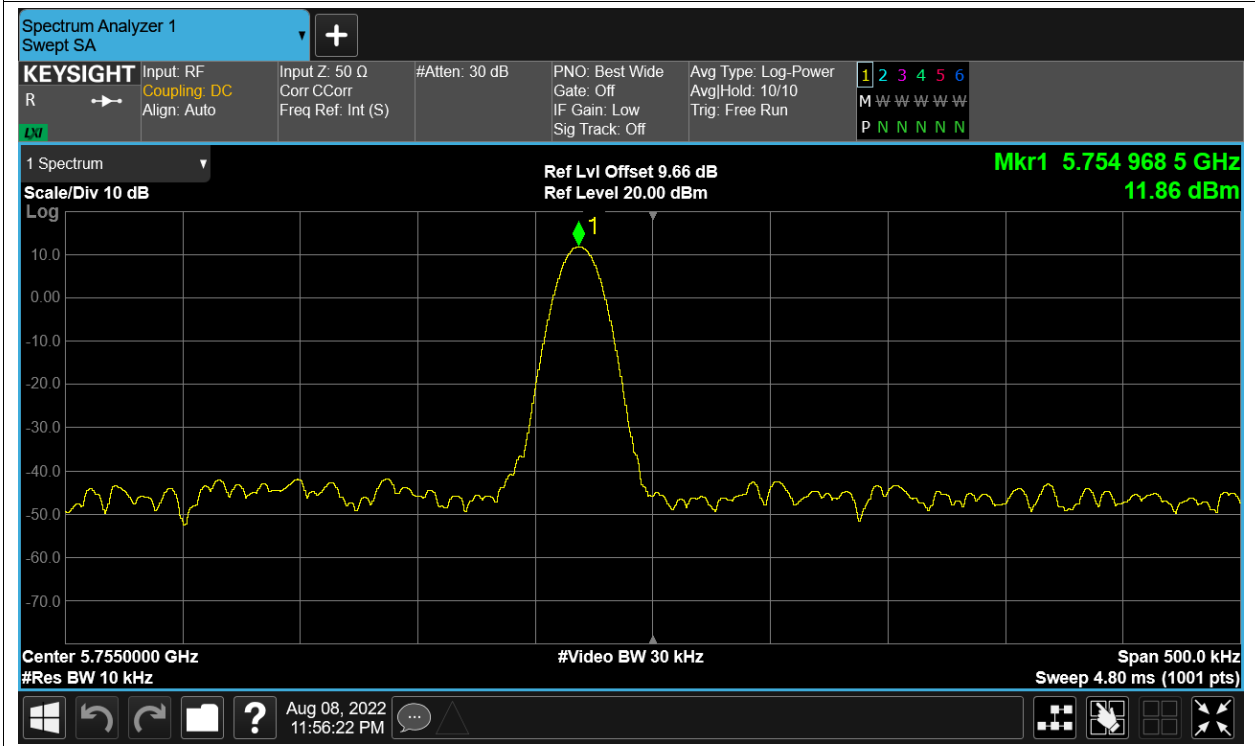
Freq. Stability NVHT n40 5755MHz Sum



Freq. Stability NVLT n40 5755MHz Sum



Freq. Stability NVNT n40 5755MHz Sum

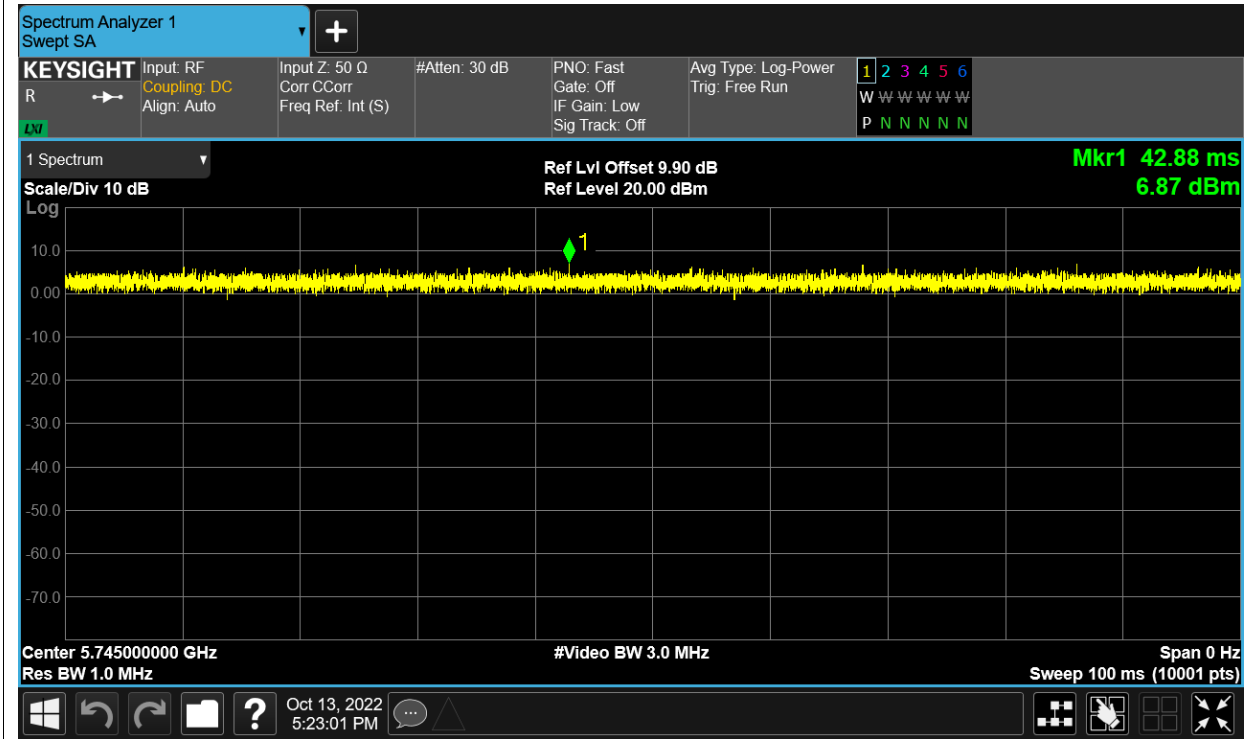


## Duty Cycle

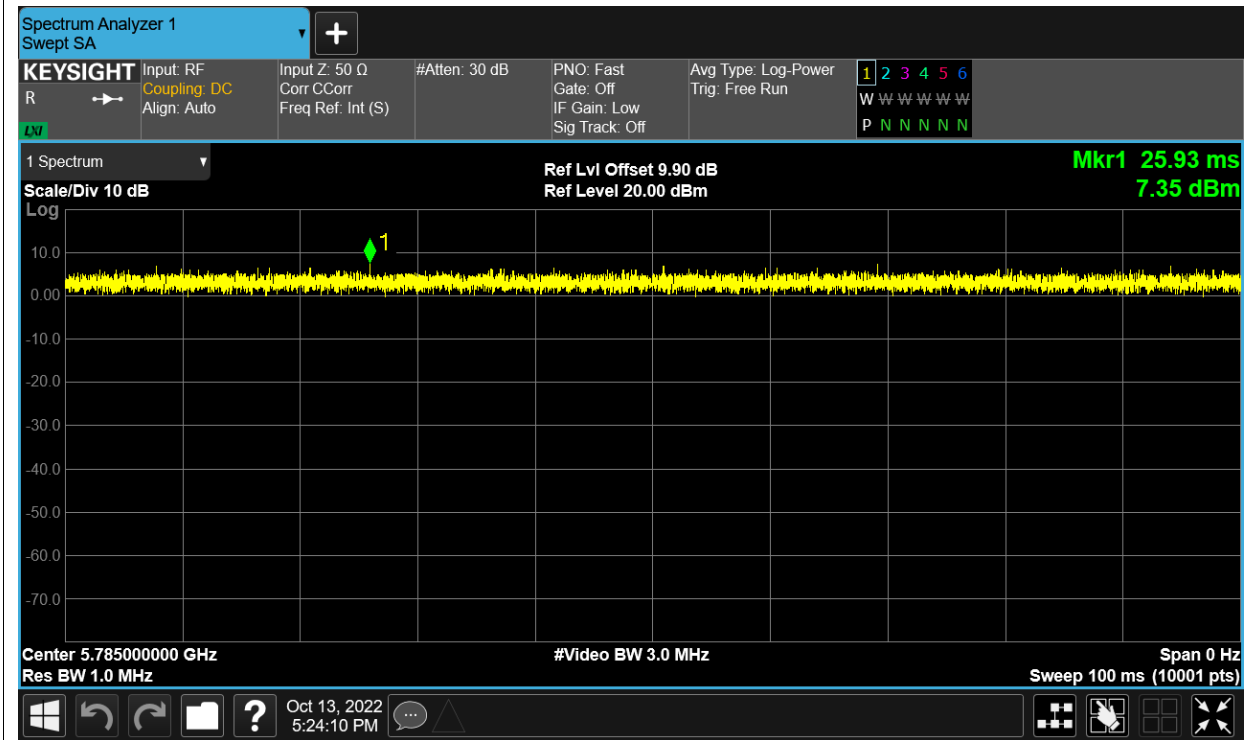
Condition	Mode	Frequency (MHz)	Antenna	Duty Cycle (%)	Correction Factor (dB)
NVNT	a	5745	Ant1	100	0
NVNT	a	5785	Ant1	100	0
NVNT	a	5825	Ant1	100	0
NVNT	a	5745	Ant2	100	0
NVNT	a	5785	Ant2	100	0
NVNT	a	5825	Ant2	100	0
NVNT	ac20	5745	Sum	100	0
NVNT	ac20	5785	Sum	100	0
NVNT	ac20	5825	Sum	100	0
NVNT	ac40	5755	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 Ant1

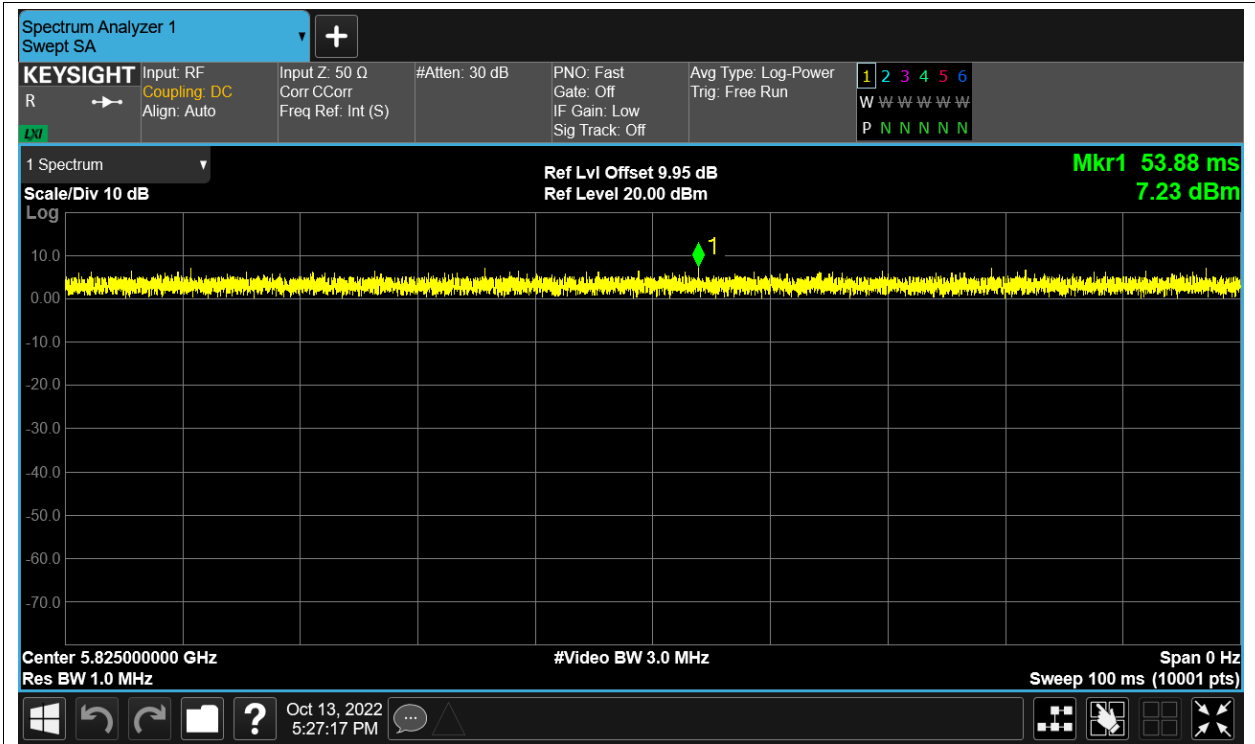


Duty Cycle NVNT a 5785MHz Ant1

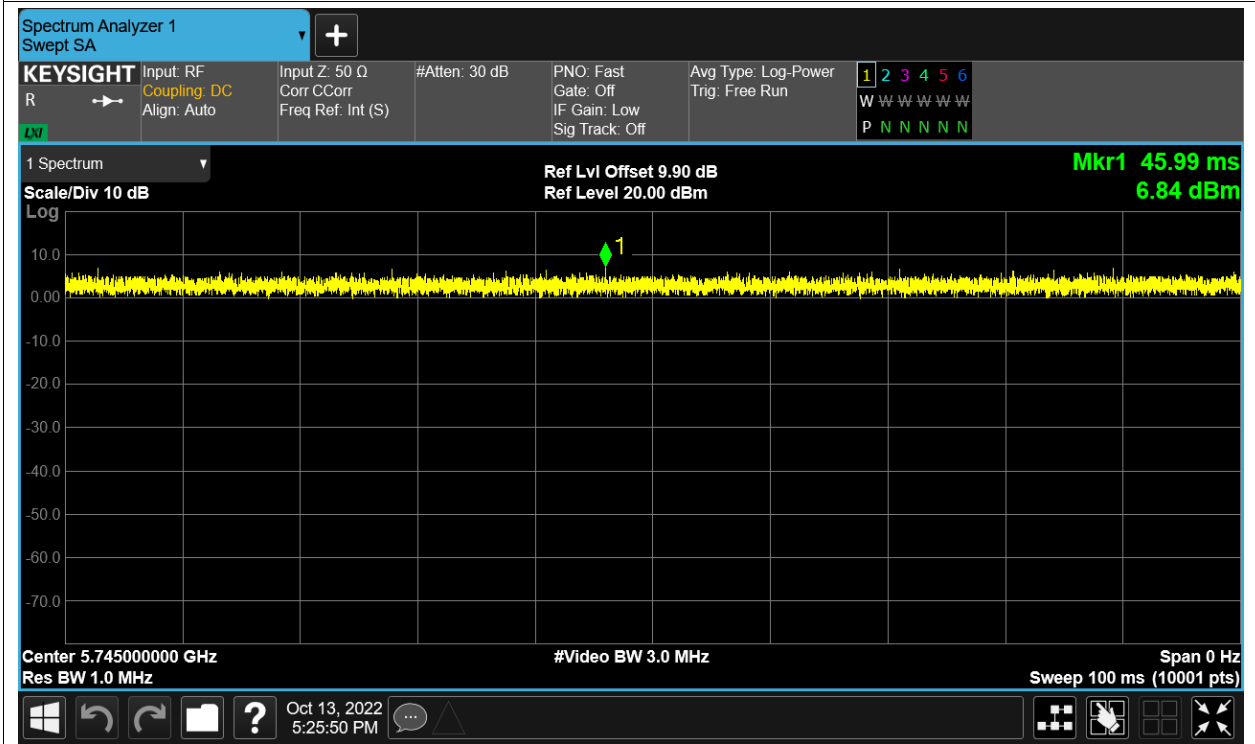


Duty Cycle NVNT a 5825MHz Ant1

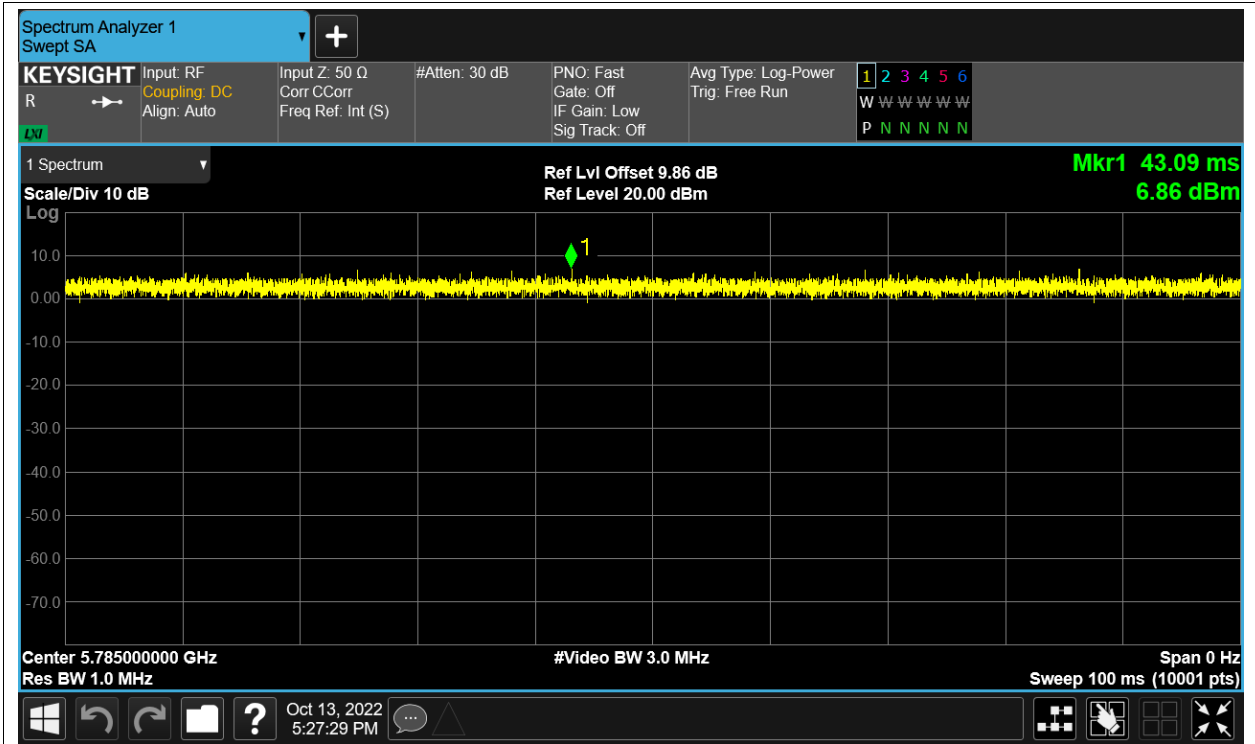




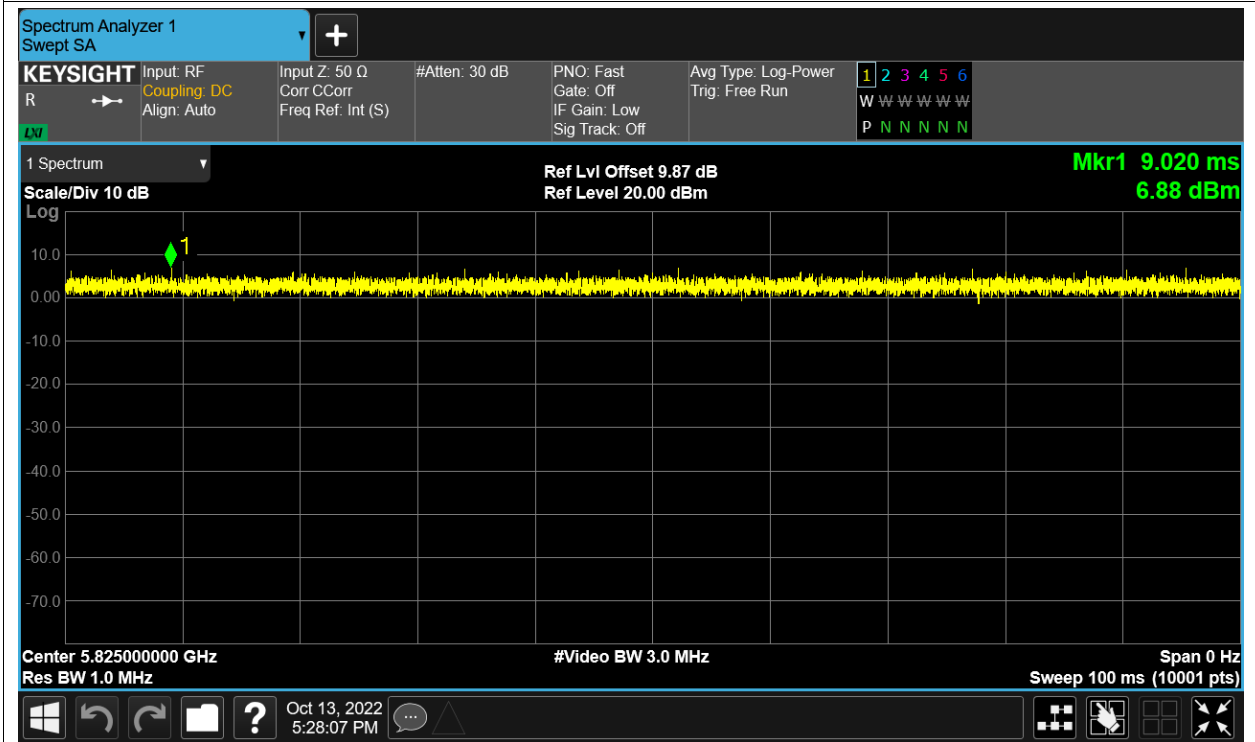
Duty Cycle NVNT a 5745MHz Ant2



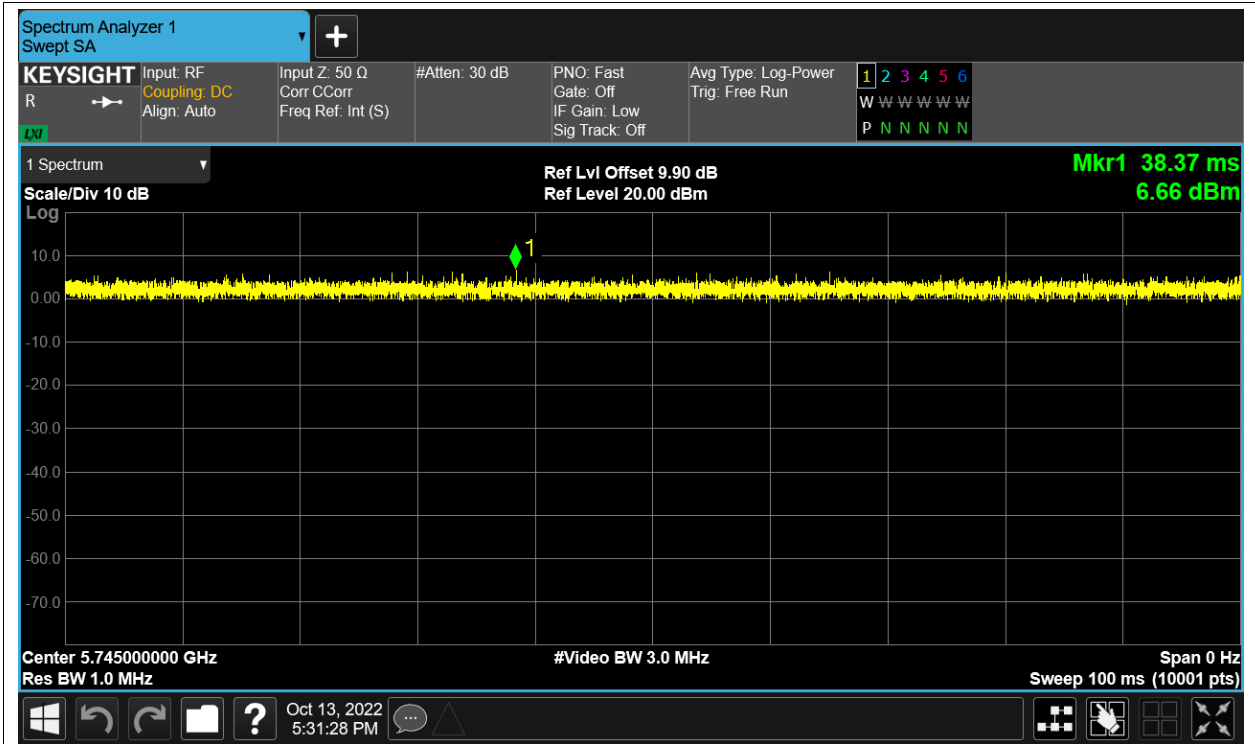
Duty Cycle NVNT a 5785MHz Ant2



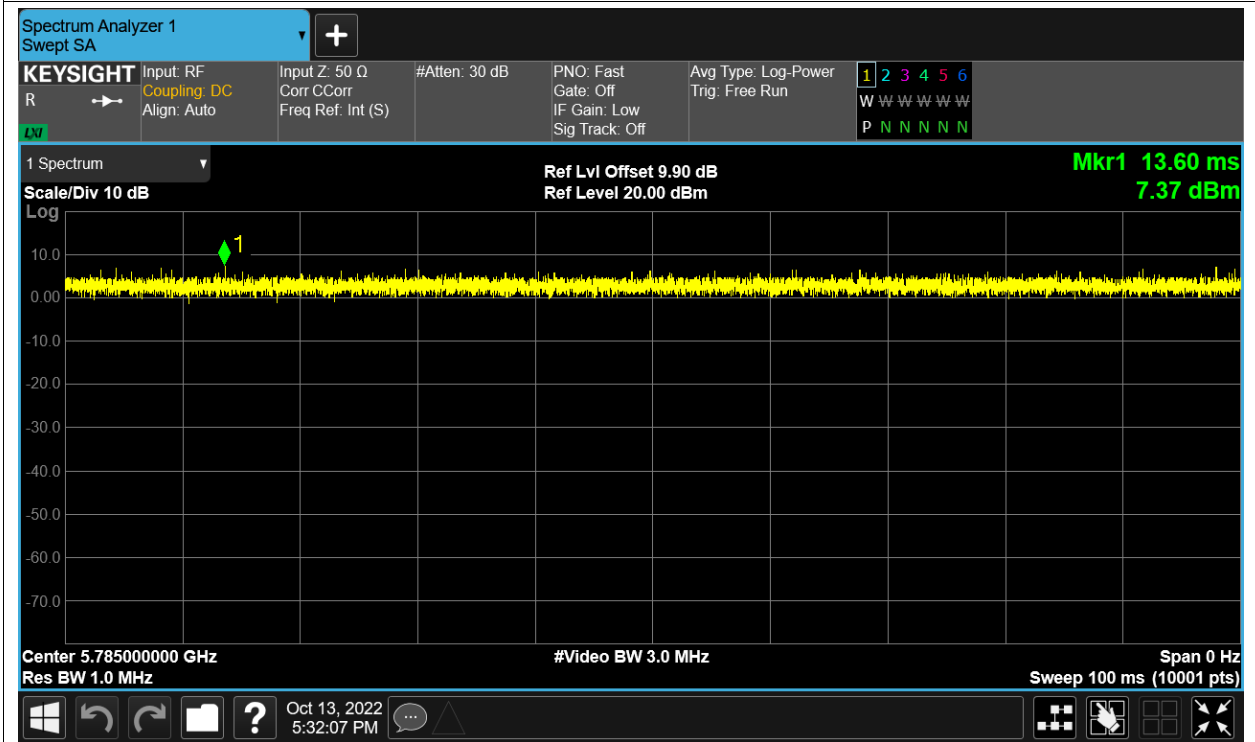
Duty Cycle NVNT a 5825MHz Ant2



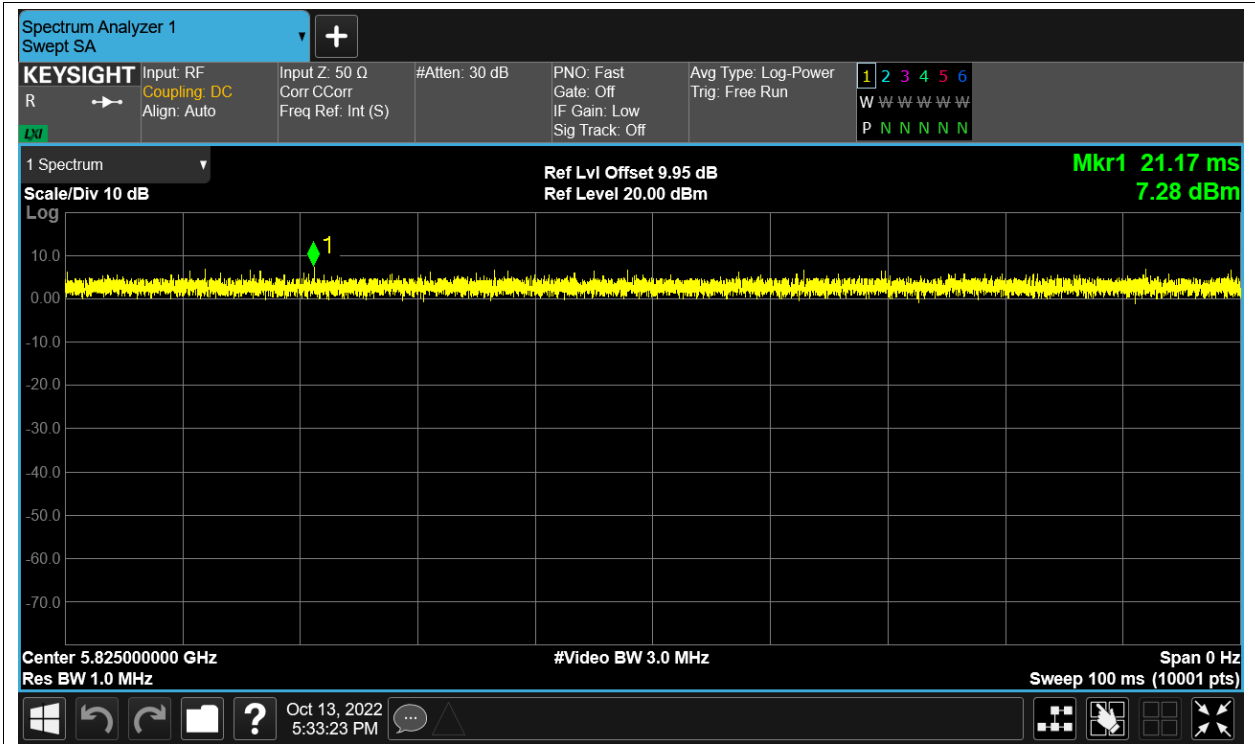
Duty Cycle NVNT ac20 5745MHz Sum



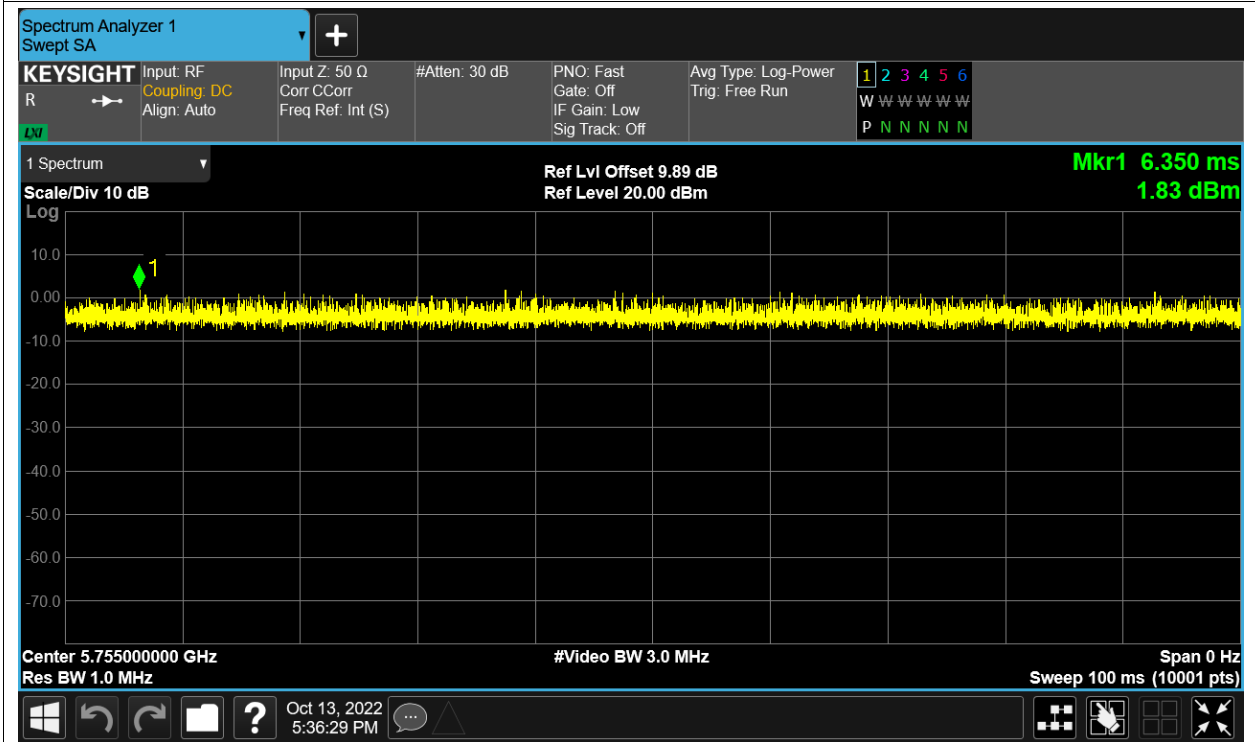
Duty Cycle NVNT ac20 5785MHz Sum



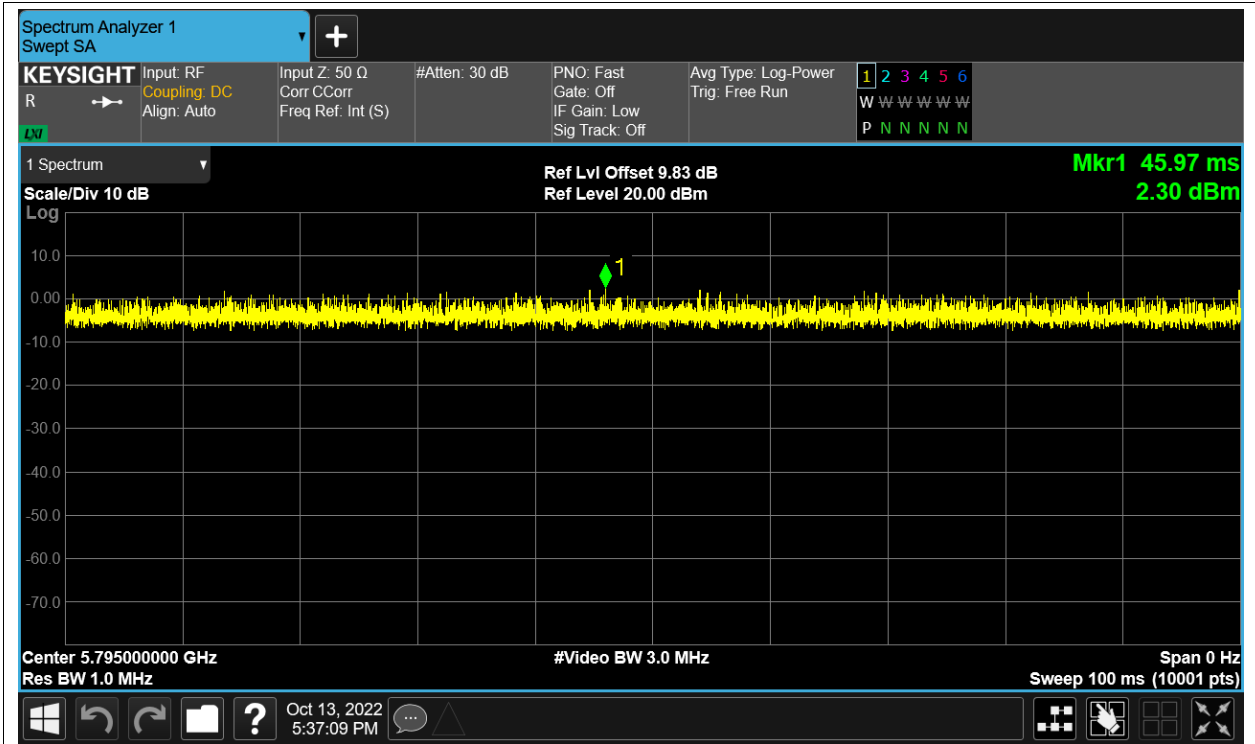
Duty Cycle NVNT ac20 5825MHz Sum



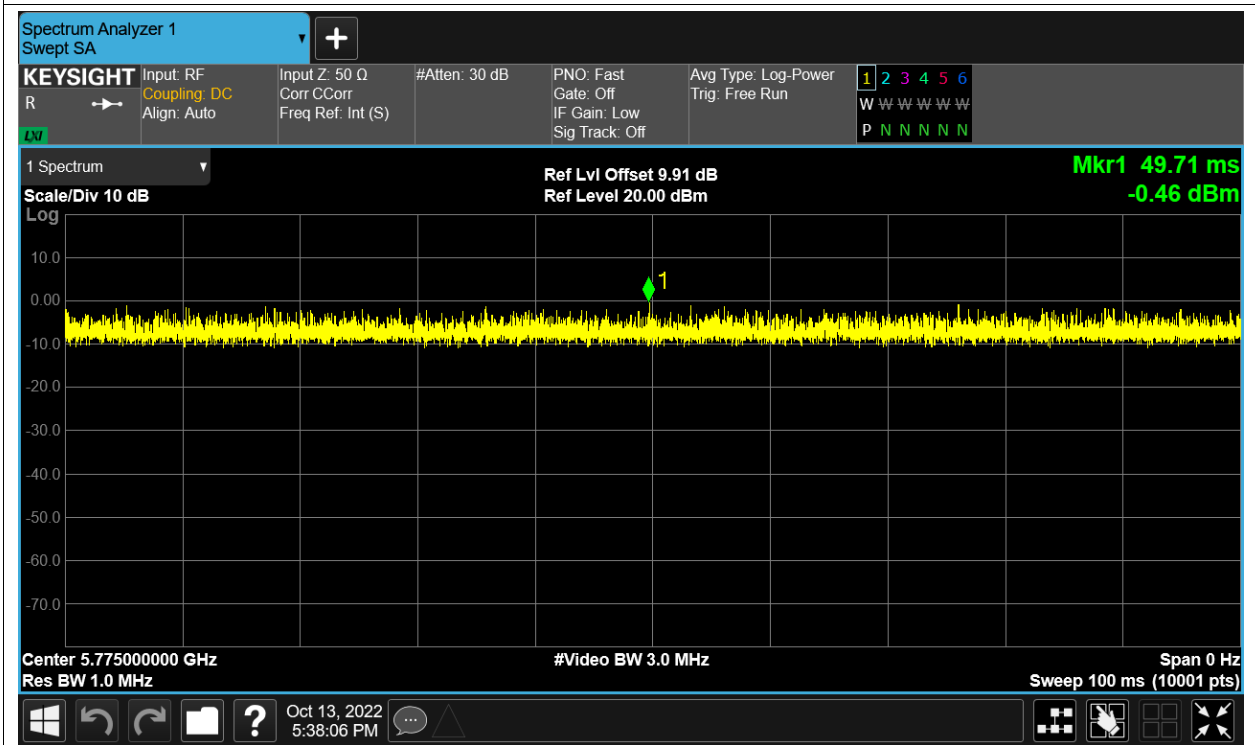
Duty Cycle NVNT ac40 5755MHz Sum



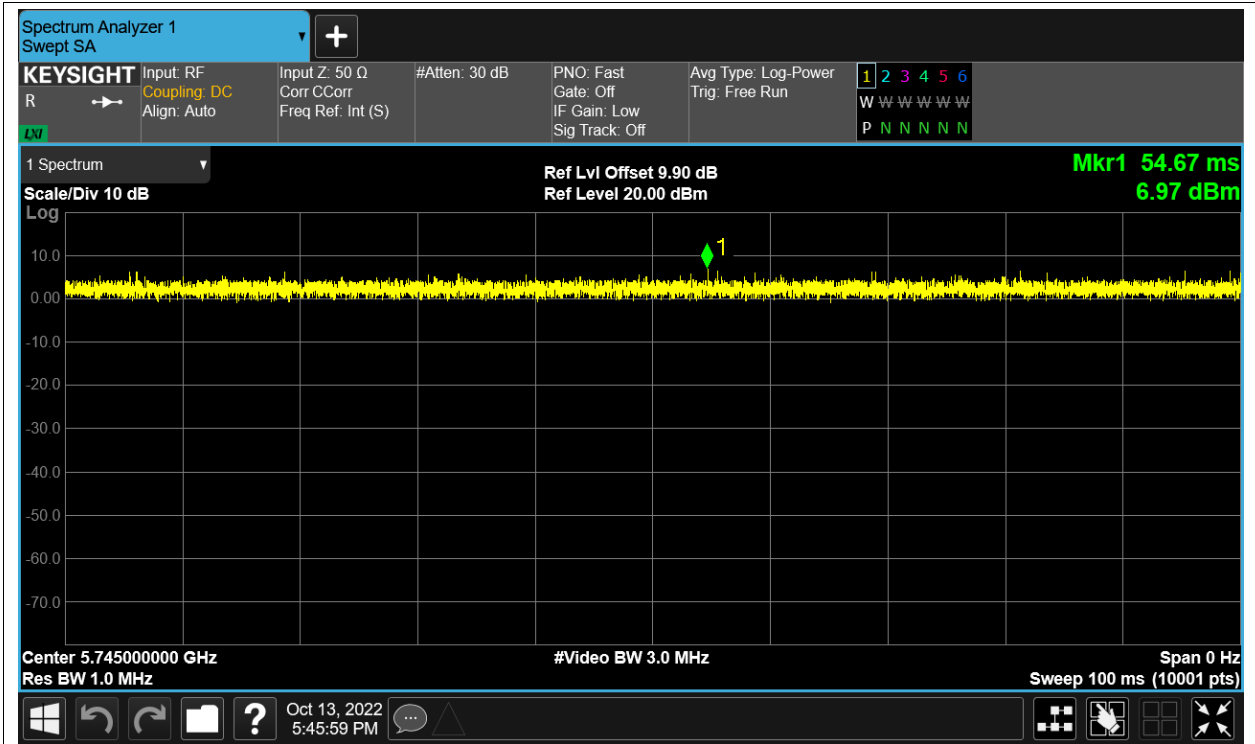
Duty Cycle NVNT ac40 5795MHz Sum



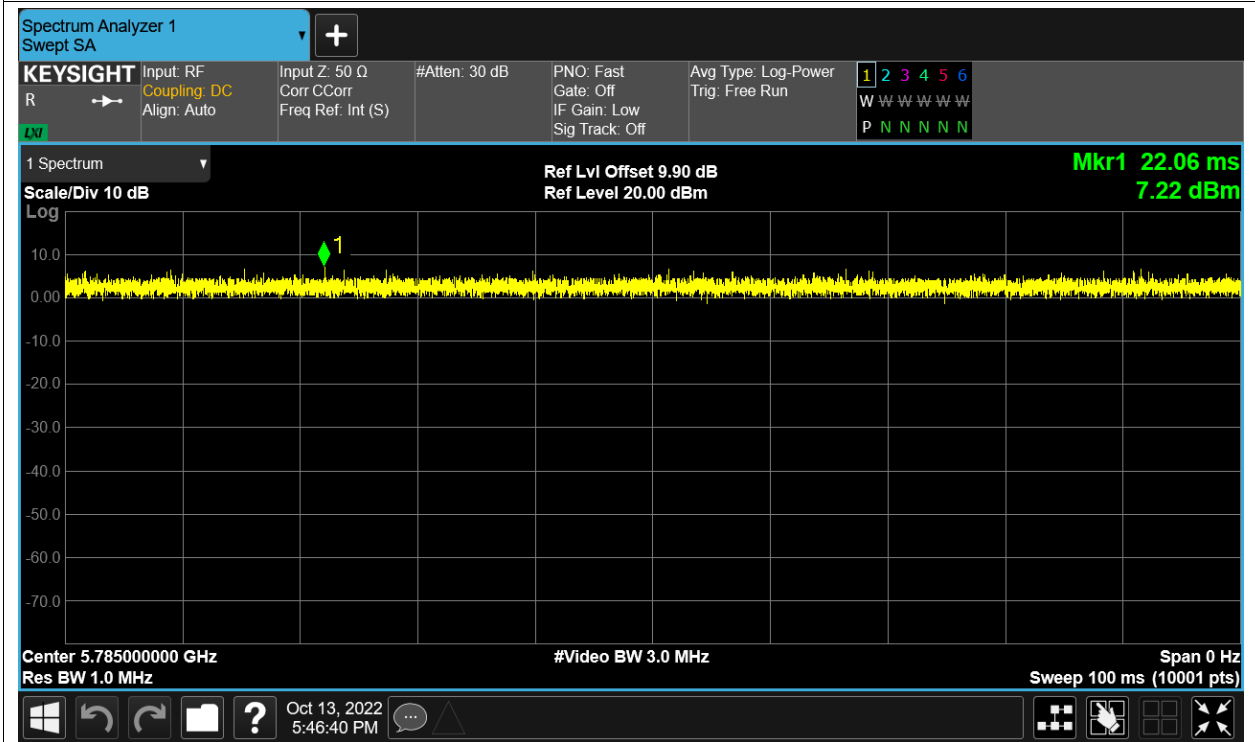
Duty Cycle NVNT ac80 5775MHz Sum



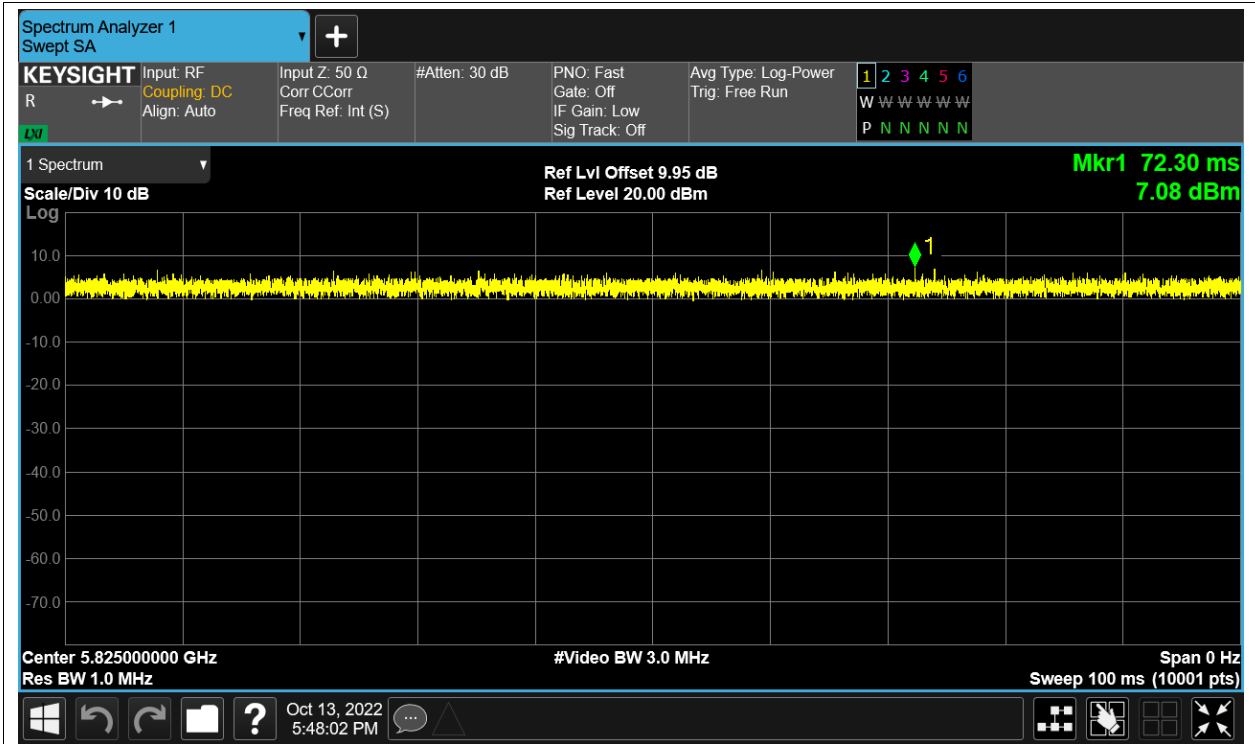
Duty Cycle NVNT ax20 5745MHz Sum



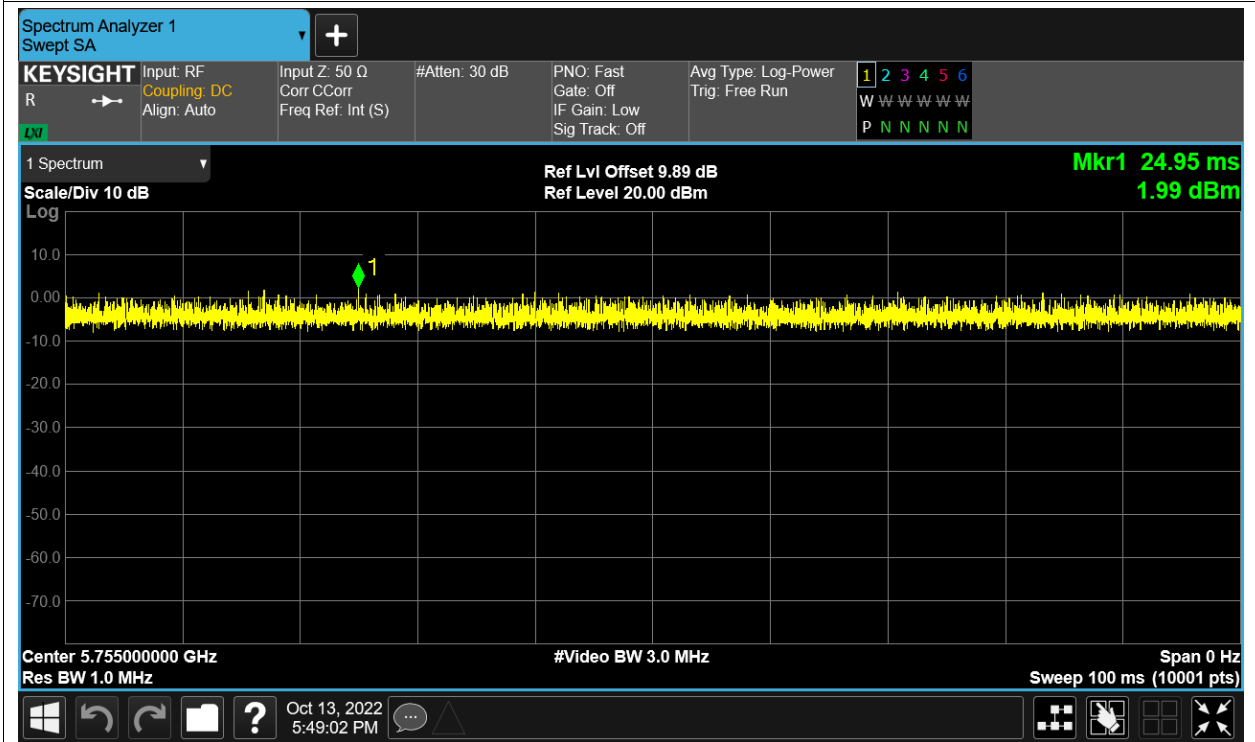
Duty Cycle NVNT ax20 5785MHz Sum



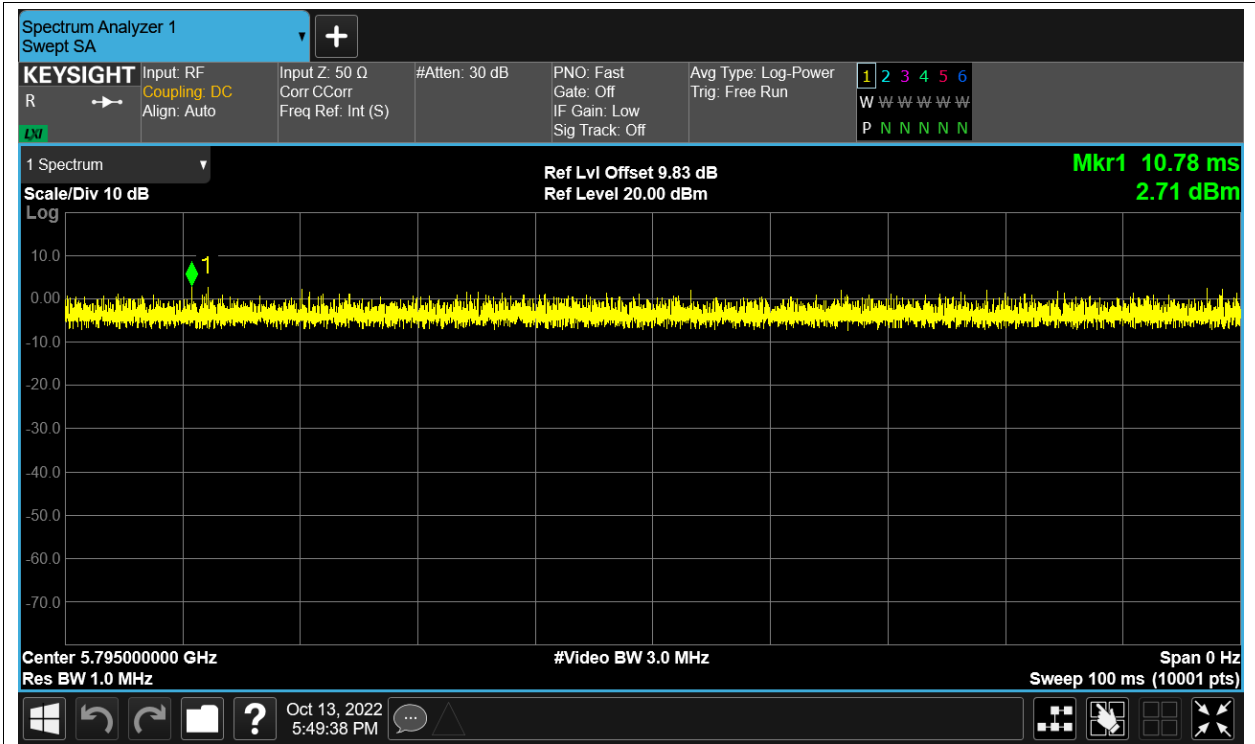
Duty Cycle NVNT ax20 5825MHz Sum



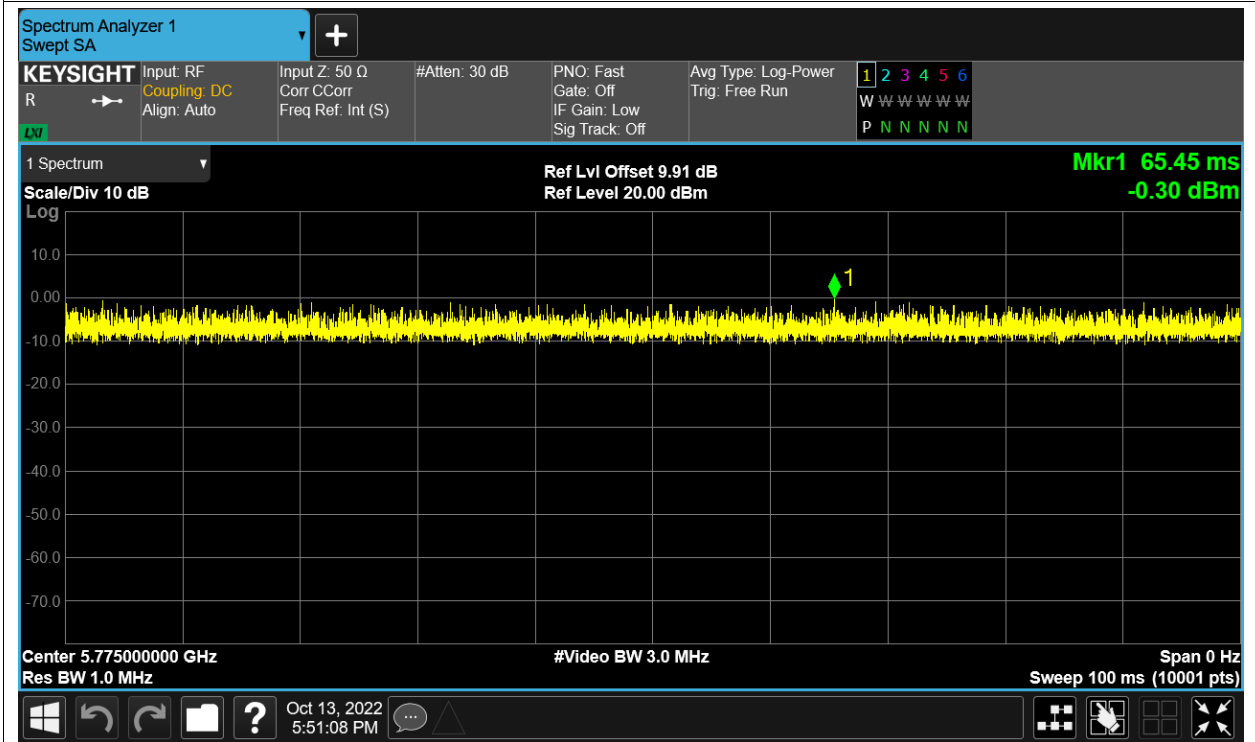
Duty Cycle NVNT ax40 5755MHz Sum



Duty Cycle NVNT ax40 5795MHz Sum

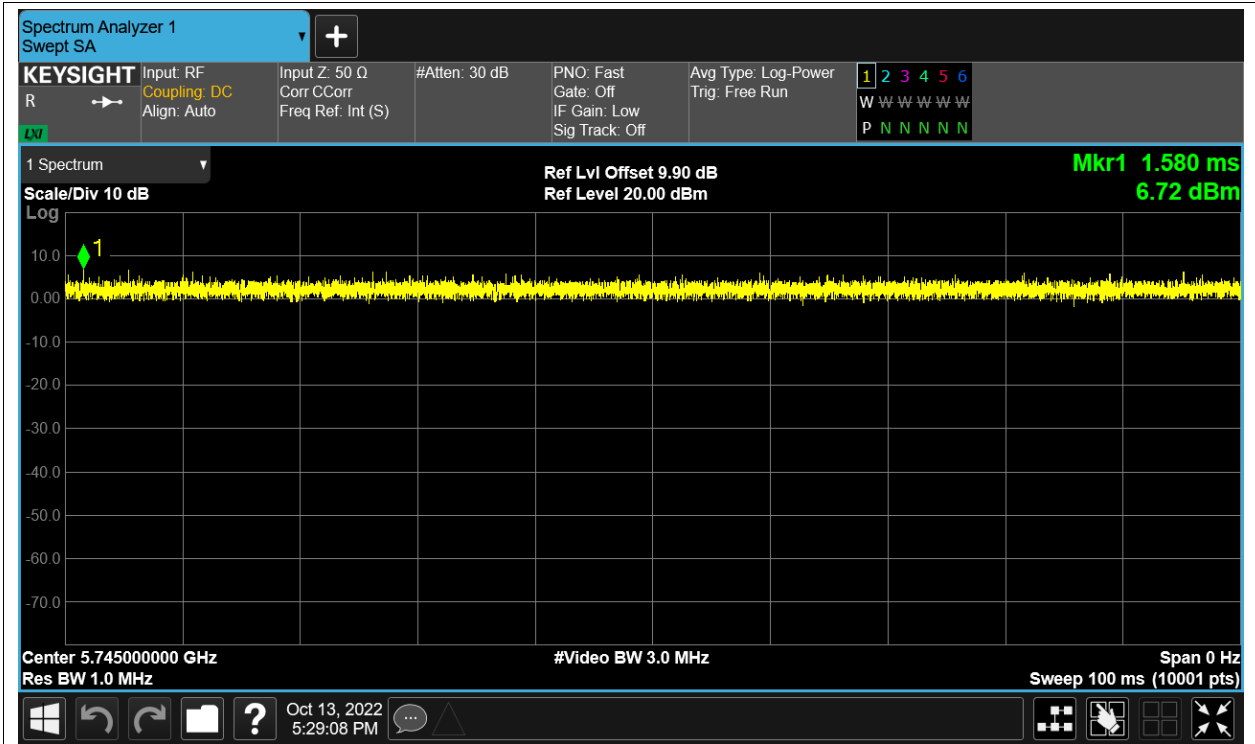


Duty Cycle NVNT ax80 5775MHz Sum

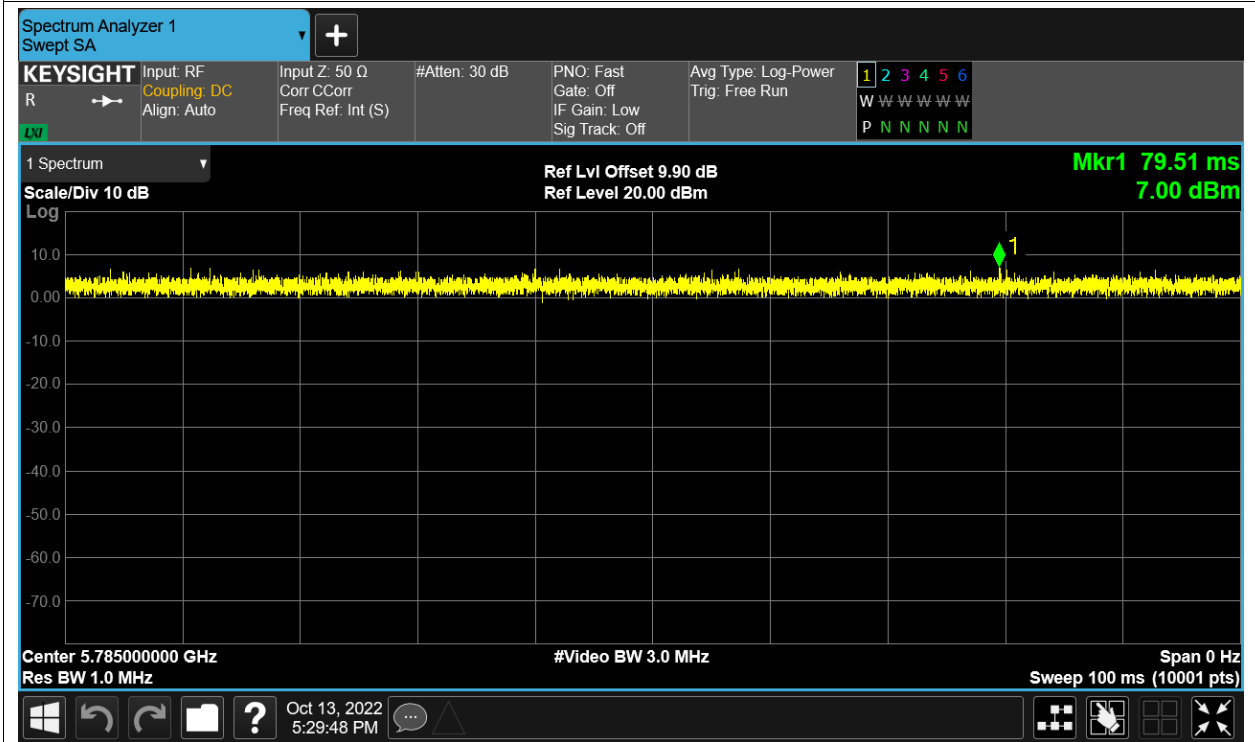


Duty Cycle NVNT n20 5745MHz Sum

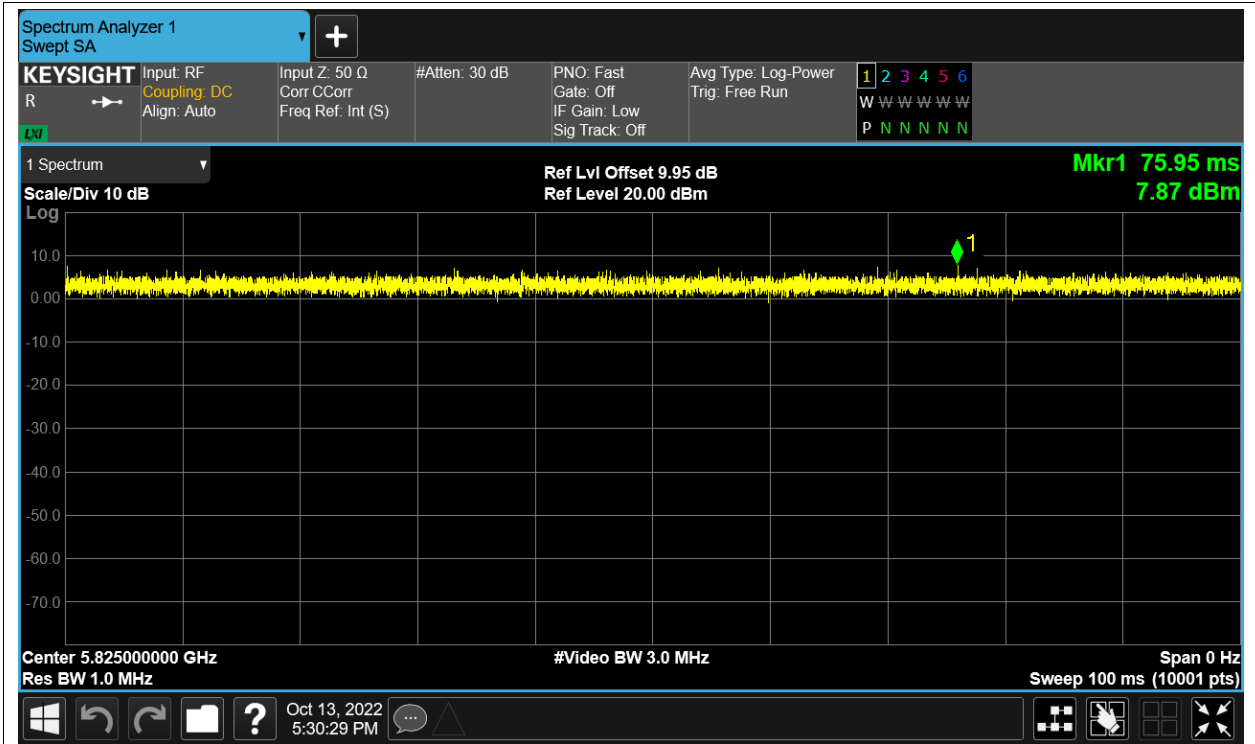




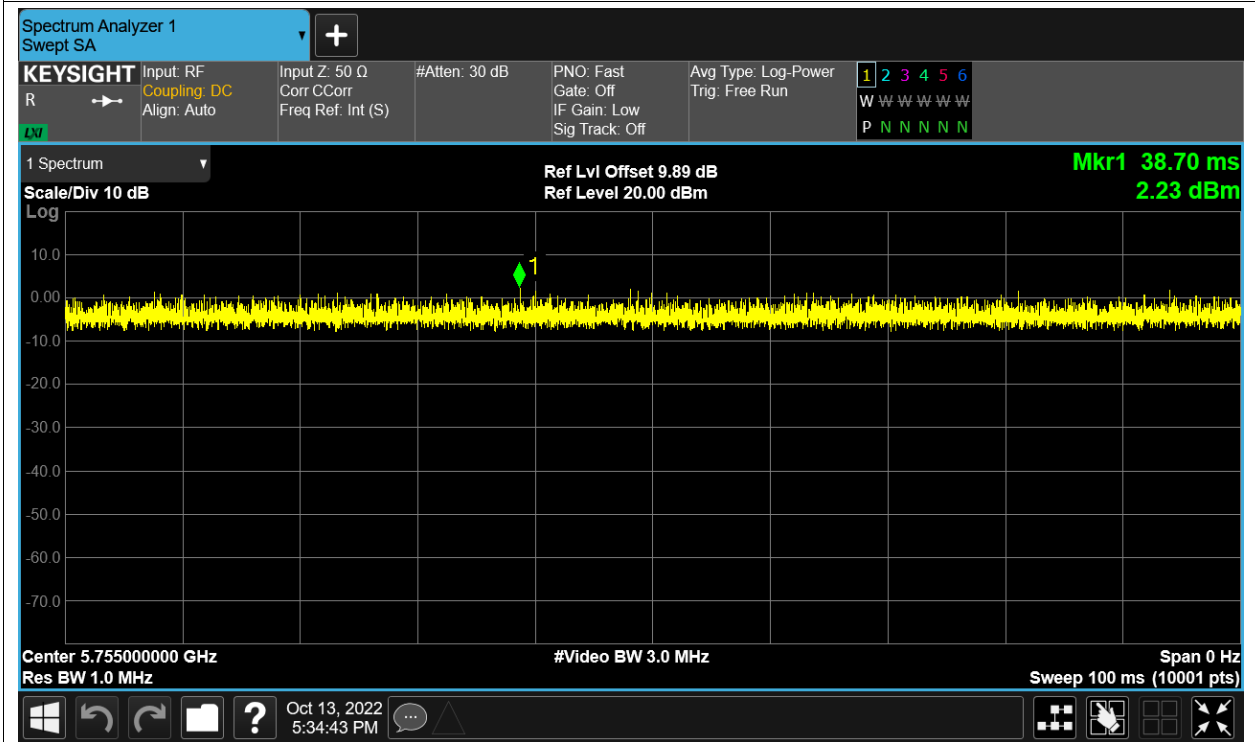
Duty Cycle NVNT n20 5785MHz Sum



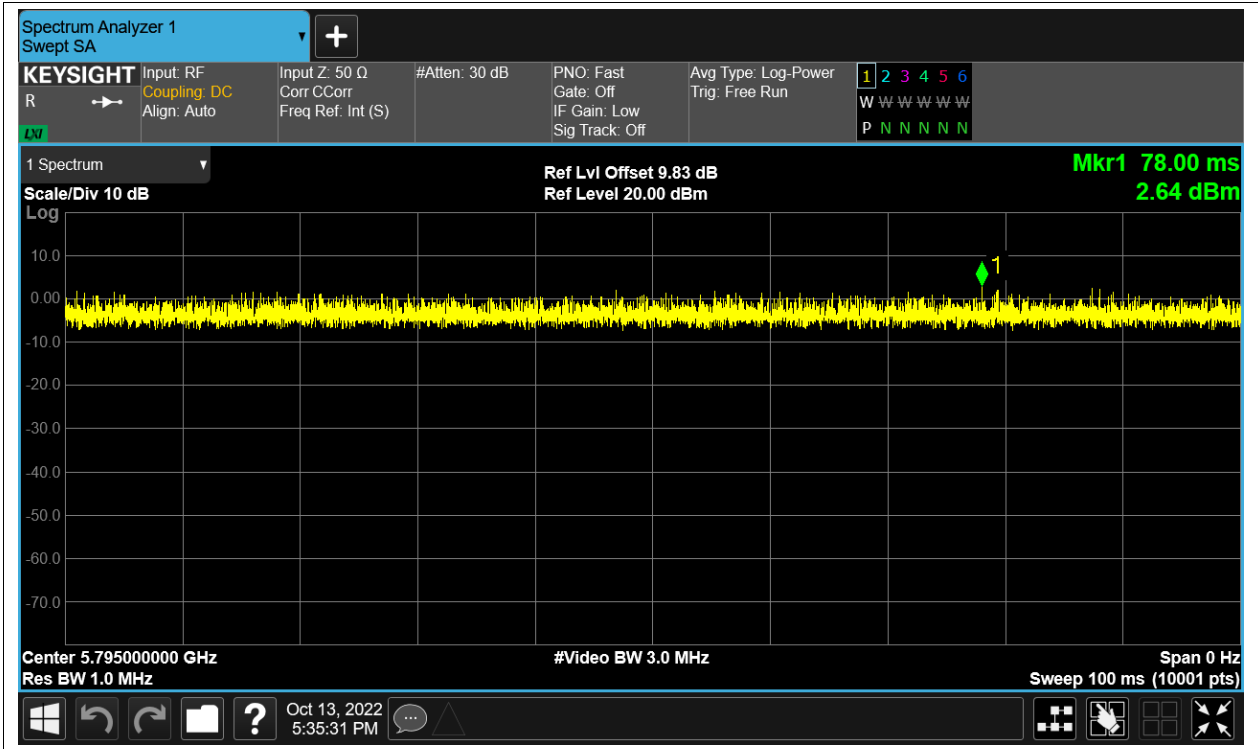
Duty Cycle NVNT n20 5825MHz Sum



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	Ant1	9.61	0	9.61	30	Pass
NVNT	a	5785	Ant1	10.3	0	10.3	30	Pass
NVNT	a	5825	Ant1	10.41	0	10.41	30	Pass
NVNT	a	5745	Ant2	9.82	0	9.82	30	Pass
NVNT	a	5785	Ant2	10.06	0	10.06	30	Pass
NVNT	a	5825	Ant2	10	0	10	30	Pass
NVNT	ac20	5745	Ant1	9.29	0	9.29	30	Pass
NVNT	ac20	5745	Ant2	9.57	0	9.57	30	Pass
NVNT	ac20	5745	Sum	12.443	0	12.443	30	Pass
NVNT	ac20	5785	Ant1	10.22	0	10.22	30	Pass
NVNT	ac20	5785	Ant2	9.96	0	9.96	30	Pass
NVNT	ac20	5785	Sum	13.102	0	13.102	30	Pass
NVNT	ac20	5825	Ant1	10.23	0	10.23	30	Pass
NVNT	ac20	5825	Ant2	10.01	0	10.01	30	Pass
NVNT	ac20	5825	Sum	13.132	0	13.132	30	Pass
NVNT	ac40	5755	Ant1	9.47	0	9.47	30	Pass
NVNT	ac40	5755	Ant2	9.51	0	9.51	30	Pass
NVNT	ac40	5755	Sum	12.5	0	12.5	30	Pass
NVNT	ac40	5795	Ant1	10.09	0	10.09	30	Pass
NVNT	ac40	5795	Ant2	9.94	0	9.94	30	Pass
NVNT	ac40	5795	Sum	13.026	0	13.026	30	Pass
NVNT	ac80	5775	Ant1	9.75	0	9.75	30	Pass
NVNT	ac80	5775	Ant2	9.6	0	9.6	30	Pass
NVNT	ac80	5775	Sum	12.686	0	12.686	30	Pass
NVNT	ax20	5745	Ant1	9.34	0	9.34	30	Pass
NVNT	ax20	5745	Ant2	9.49	0	9.49	30	Pass
NVNT	ax20	5745	Sum	12.426	0	12.426	30	Pass
NVNT	ax20	5785	Ant1	10.04	0	10.04	30	Pass
NVNT	ax20	5785	Ant2	9.93	0	9.93	30	Pass
NVNT	ax20	5785	Sum	12.996	0	12.996	30	Pass
NVNT	ax20	5825	Ant1	10.19	0	10.19	30	Pass
NVNT	ax20	5825	Ant2	9.87	0	9.87	30	Pass
NVNT	ax20	5825	Sum	13.043	0	13.043	30	Pass
NVNT	ax40	5755	Ant1	9.41	0	9.41	30	Pass
NVNT	ax40	5755	Ant2	9.61	0	9.61	30	Pass
NVNT	ax40	5755	Sum	12.521	0	12.521	30	Pass
NVNT	ax40	5795	Ant1	10.28	0	10.28	30	Pass
NVNT	ax40	5795	Ant2	10.08	0	10.08	30	Pass
NVNT	ax40	5795	Sum	13.191	0	13.191	30	Pass
NVNT	ax80	5775	Ant1	9.84	0	9.84	30	Pass

NVNT	ax80	5775	Ant2	9.51	0	9.51	30	Pass
NVNT	ax80	5775	Sum	12.688	0	12.688	30	Pass
NVNT	n20	5745	Ant1	9.32	0	9.32	30	Pass
NVNT	n20	5745	Ant2	9.46	0	9.46	30	Pass
NVNT	n20	5745	Sum	12.401	0	12.401	30	Pass
NVNT	n20	5785	Ant1	10.24	0	10.24	30	Pass
NVNT	n20	5785	Ant2	9.95	0	9.95	30	Pass
NVNT	n20	5785	Sum	13.108	0	13.108	30	Pass
NVNT	n20	5825	Ant1	10.67	0	10.67	30	Pass
NVNT	n20	5825	Ant2	10.44	0	10.44	30	Pass
NVNT	n20	5825	Sum	13.567	0	13.567	30	Pass
NVNT	n40	5755	Ant1	9.47	0	9.47	30	Pass
NVNT	n40	5755	Ant2	9.5	0	9.5	30	Pass
NVNT	n40	5755	Sum	12.495	0	12.495	30	Pass
NVNT	n40	5795	Ant1	10.3	0	10.3	30	Pass
NVNT	n40	5795	Ant2	9.93	0	9.93	30	Pass
NVNT	n40	5795	Sum	13.129	0	13.129	30	Pass

### -6dB Bandwidth

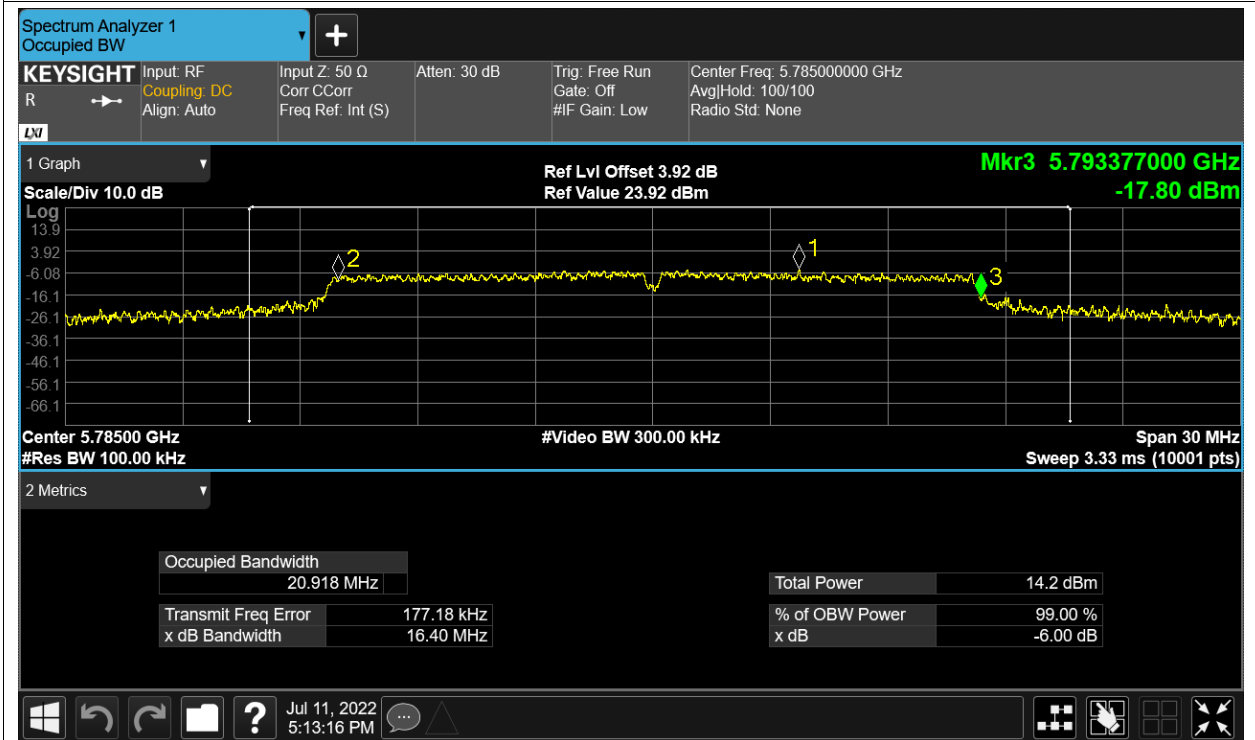
Condition	Mode	Frequency (MHz)	Antenna	-6 dB Bandwidth (MHz)	limit	Verdic
NVNT	a	5745	Ant1	16.472	0.5	Pass
NVNT	a	5785	Ant1	16.399	0.5	Pass
NVNT	a	5825	Ant1	16.471	0.5	Pass
NVNT	a	5745	Ant2	15.659	0.5	Pass
NVNT	a	5785	Ant2	16.435	0.5	Pass
NVNT	a	5825	Ant2	16.48	0.5	Pass
NVNT	ac20	5745	Ant1	17.728	0.5	Pass
NVNT	ac20	5745	Ant2	17.709	0.5	Pass
NVNT	ac20	5785	Ant1	17.722	0.5	Pass
NVNT	ac20	5785	Ant2	17.713	0.5	Pass
NVNT	ac20	5825	Ant1	17.679	0.5	Pass
NVNT	ac20	5825	Ant2	17.647	0.5	Pass
NVNT	ac40	5755	Ant1	36.313	0.5	Pass
NVNT	ac40	5755	Ant2	36.291	0.5	Pass
NVNT	ac40	5795	Ant1	36.317	0.5	Pass
NVNT	ac40	5795	Ant2	34.785	0.5	Pass
NVNT	ac80	5775	Ant1	76.499	0.5	Pass
NVNT	ac80	5775	Ant2	76.396	0.5	Pass
NVNT	ax20	5745	Ant1	19.117	0.5	Pass
NVNT	ax20	5745	Ant2	18.999	0.5	Pass
NVNT	ax20	5785	Ant1	19.054	0.5	Pass
NVNT	ax20	5785	Ant2	19.023	0.5	Pass
NVNT	ax20	5825	Ant1	19.048	0.5	Pass
NVNT	ax20	5825	Ant2	19.014	0.5	Pass
NVNT	ax40	5755	Ant1	36.559	0.5	Pass
NVNT	ax40	5755	Ant2	37.326	0.5	Pass
NVNT	ax40	5795	Ant1	37.71	0.5	Pass
NVNT	ax40	5795	Ant2	37.485	0.5	Pass
NVNT	ax80	5775	Ant1	78.066	0.5	Pass
NVNT	ax80	5775	Ant2	78.169	0.5	Pass

Test Graphs

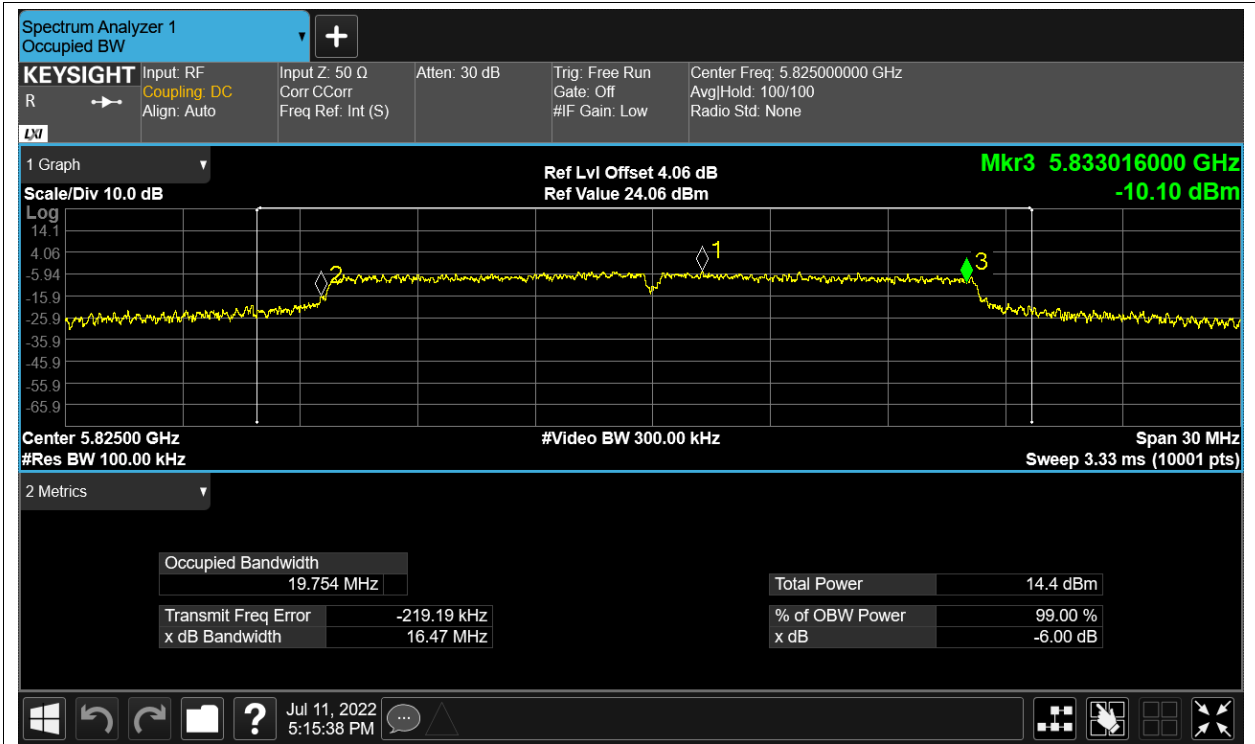
-6dB Bandwidth NVNT a 5745MHz Ant1



-6dB Bandwidth NVNT a 5785MHz Ant1



-6dB Bandwidth NVNT a 5825MHz Ant1



-6dB Bandwidth NVNT a 5745MHz Ant2



-6dB Bandwidth NVNT a 5785MHz Ant2