

## Test Data

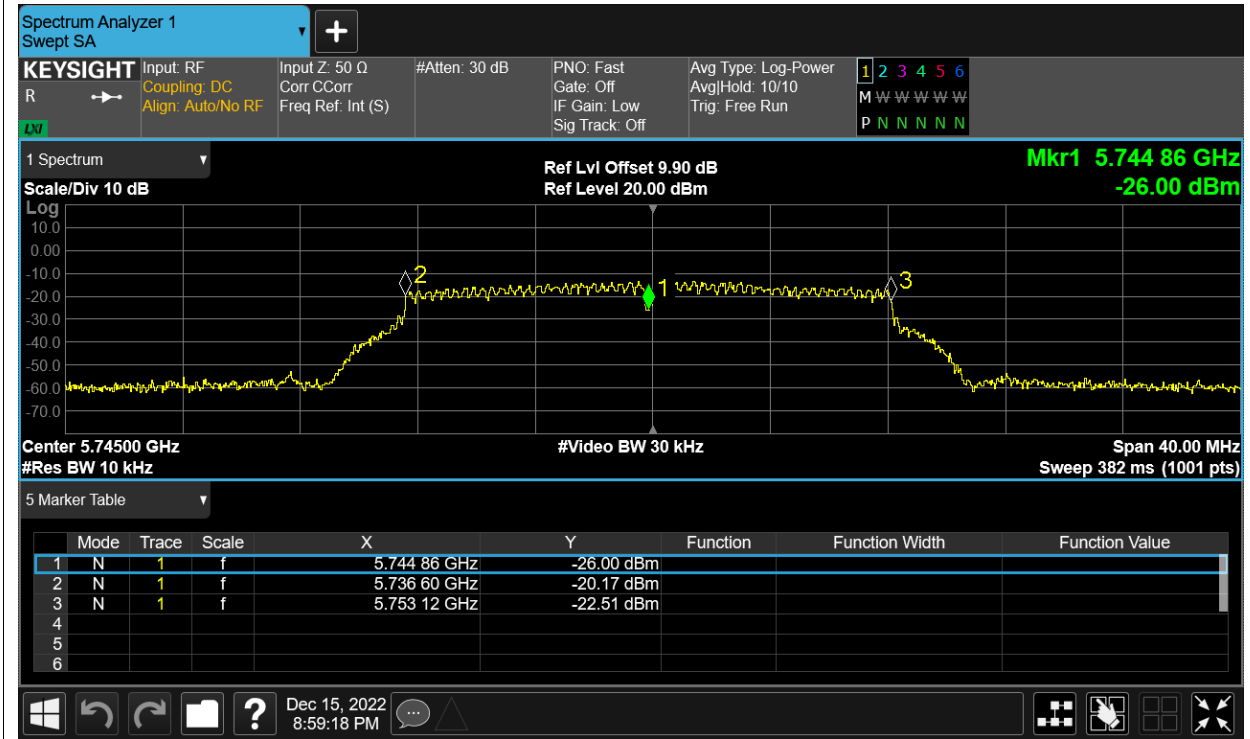
### Frequency Stability

Condition	Mode	Frequency (MHz)	Antenna	Measured Frequency (MHz)	Deviation (ppm)	Limit (ppm)	Verdict
HVNT	a	5745	Ant1	5744.86	-24.37	Within authorized band	Pass
HVNT	a	5745	Ant2	5744.86	-24.37		Pass
LVNT	a	5745	Ant1	5744.86	-24.37		Pass
LVNT	a	5745	Ant2	5744.86	-24.37		Pass
NVHT	a	5745	Ant1	5744.86	-24.37		Pass
NVHT	a	5745	Ant2	5744.86	-24.37		Pass
NVLT	a	5745	Ant1	5744.86	-24.37		Pass
NVLT	a	5745	Ant2	5744.86	-24.37		Pass
NVNT	a	5745	Ant1	5744.86	-24.37		Pass
NVNT	a	5745	Ant2	5744.86	-24.37		Pass
HVNT	ac20	5745	Sum	5744.86	-24.37		Pass
LVNT	ac20	5745	Sum	5744.86	-24.37		Pass
NVHT	ac20	5745	Sum	5744.86	-24.37		Pass
NVLT	ac20	5745	Sum	5744.86	-24.37		Pass
NVNT	ac20	5745	Sum	5744.86	-24.37		Pass
HVNT	ac40	5755	Sum	5754.88	-20.85		Pass
LVNT	ac40	5755	Sum	5754.88	-20.85		Pass
NVHT	ac40	5755	Sum	5754.88	-20.85		Pass
NVLT	ac40	5755	Sum	5754.88	-20.85		Pass
NVNT	ac40	5755	Sum	5754.88	-20.85		Pass
HVNT	ac80	5775	Sum	5774.92	-13.85		Pass
LVNT	ac80	5775	Sum	5774.92	-13.85		Pass
NVHT	ac80	5775	Sum	5774.92	-13.85		Pass
NVLT	ac80	5775	Sum	5774.92	-13.85		Pass
NVNT	ac80	5775	Sum	5774.92	-13.85		Pass
HVNT	n20	5745	Sum	5744.86	-24.37		Pass
LVNT	n20	5745	Sum	5744.86	-24.37		Pass
NVHT	n20	5745	Sum	5744.86	-24.37		Pass
NVLT	n20	5745	Sum	5744.86	-24.37		Pass
NVNT	n20	5745	Sum	5744.86	-24.37		Pass
HVNT	n40	5755	Sum	5754.88	-20.85		Pass
LVNT	n40	5755	Sum	5754.88	-20.85		Pass
NVHT	n40	5755	Sum	5754.88	-20.85	Pass	
NVLT	n40	5755	Sum	5754.88	-20.85	Pass	
NVNT	n40	5755	Sum	5754.88	-20.85	Pass	

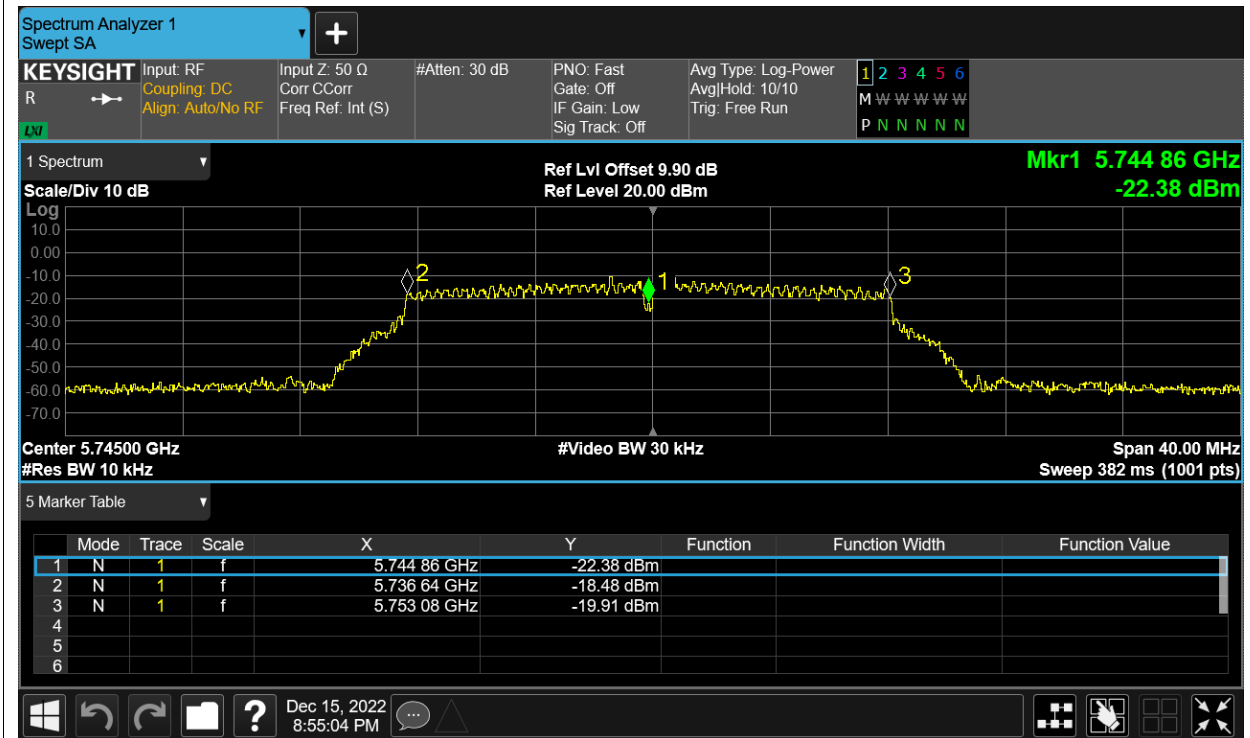
Remark: "NTNV" means Normal Temperature Normal Voltage, "NVHT" means Normal Voltage High Temperature, "NVLT" means Normal Voltage Low Temperature, "LVNT" means Low Voltage Normal Temperature, "HVNT" means High Voltage Normal Temperature.

Test Graphs

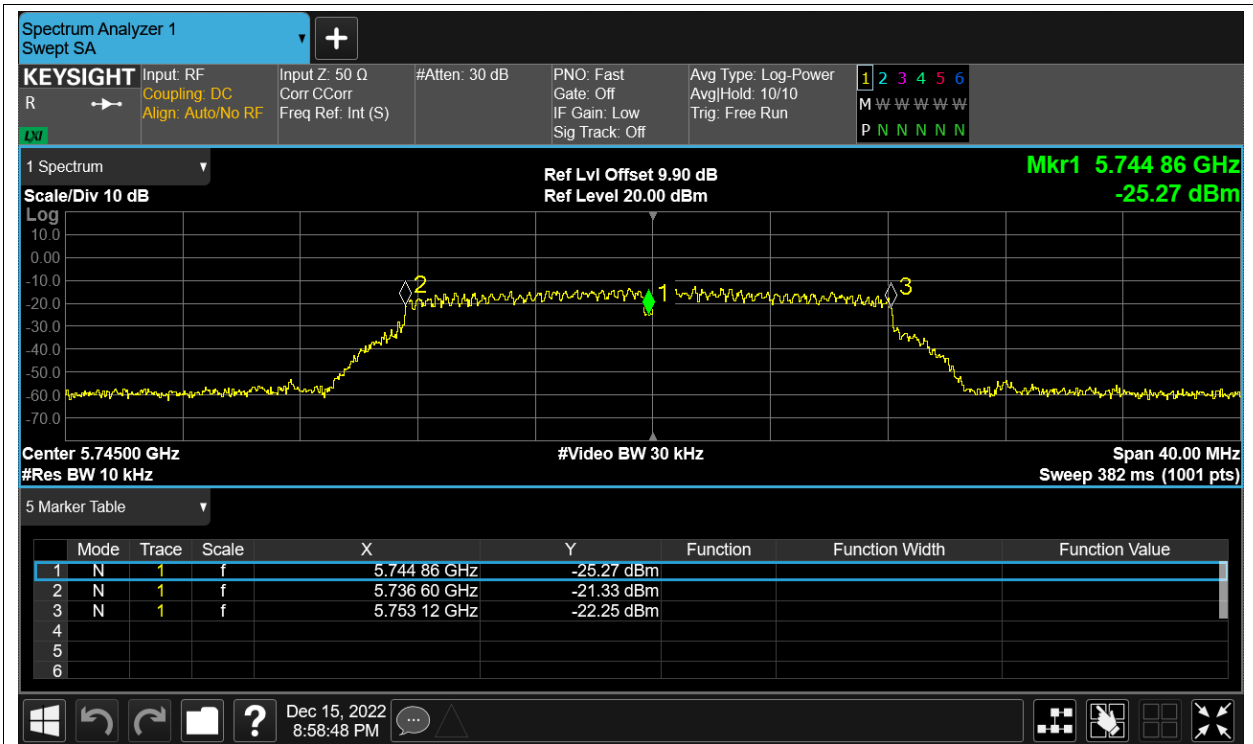
Freq. Stability HVNT a 5745MHz Ant1



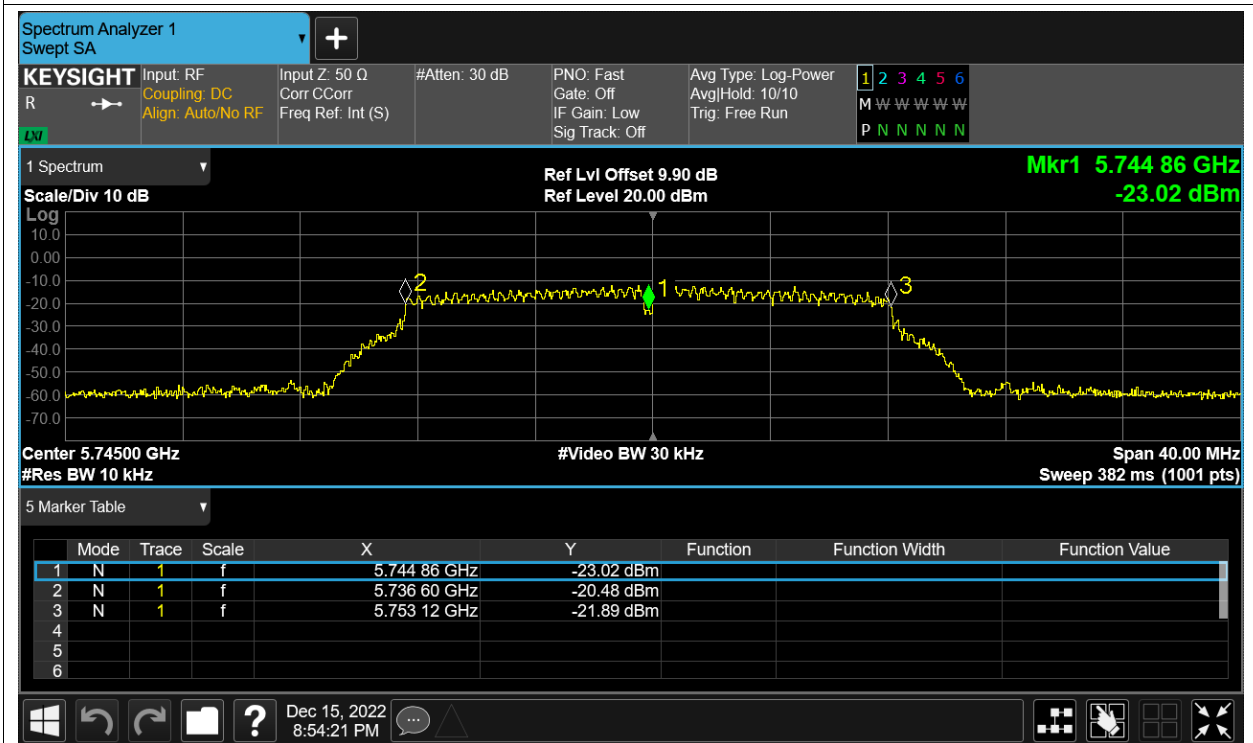
Freq. Stability HVNT a 5745MHz Ant2



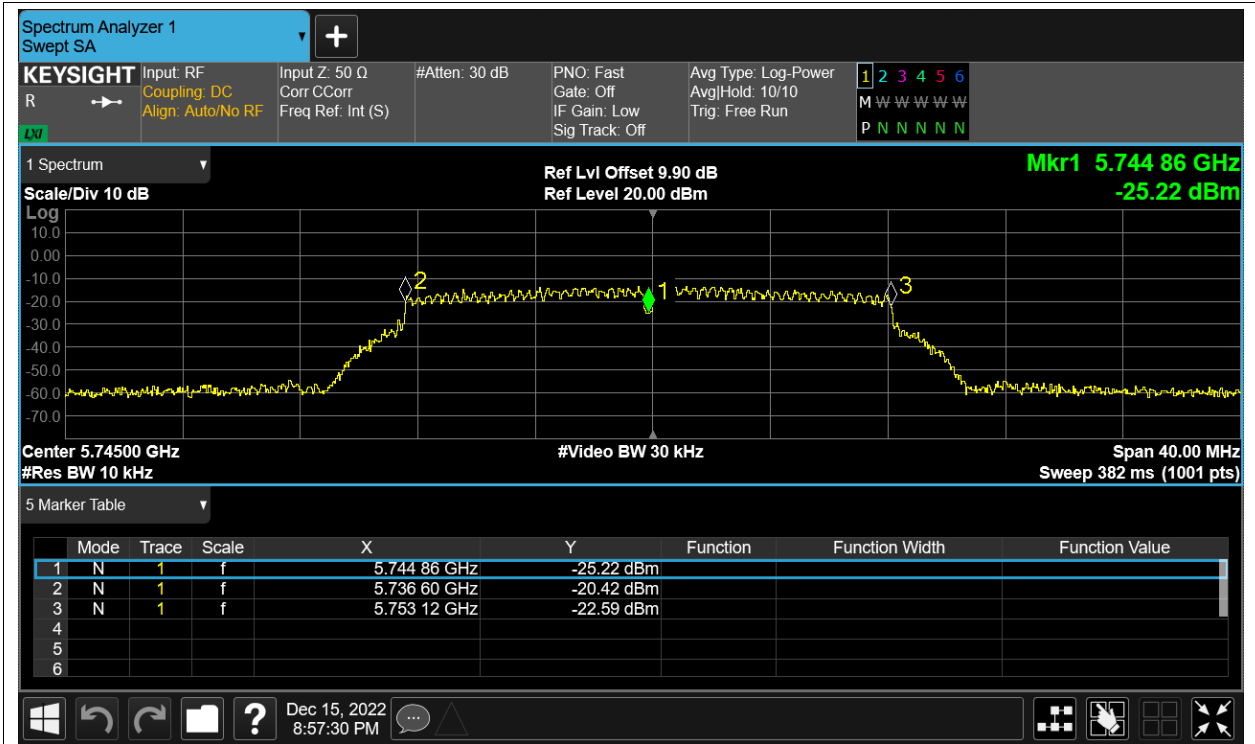
Freq. Stability LVNT a 5745MHz Ant1



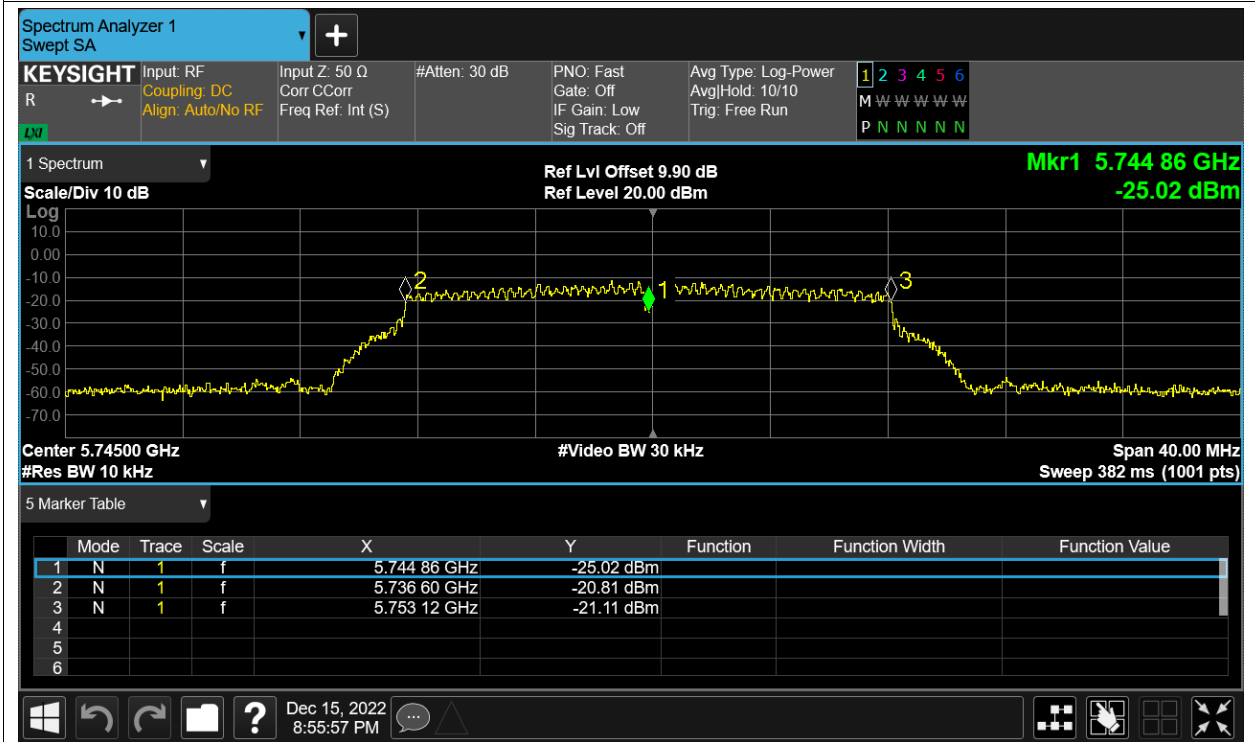
Freq. Stability LVNT a 5745MHz Ant2



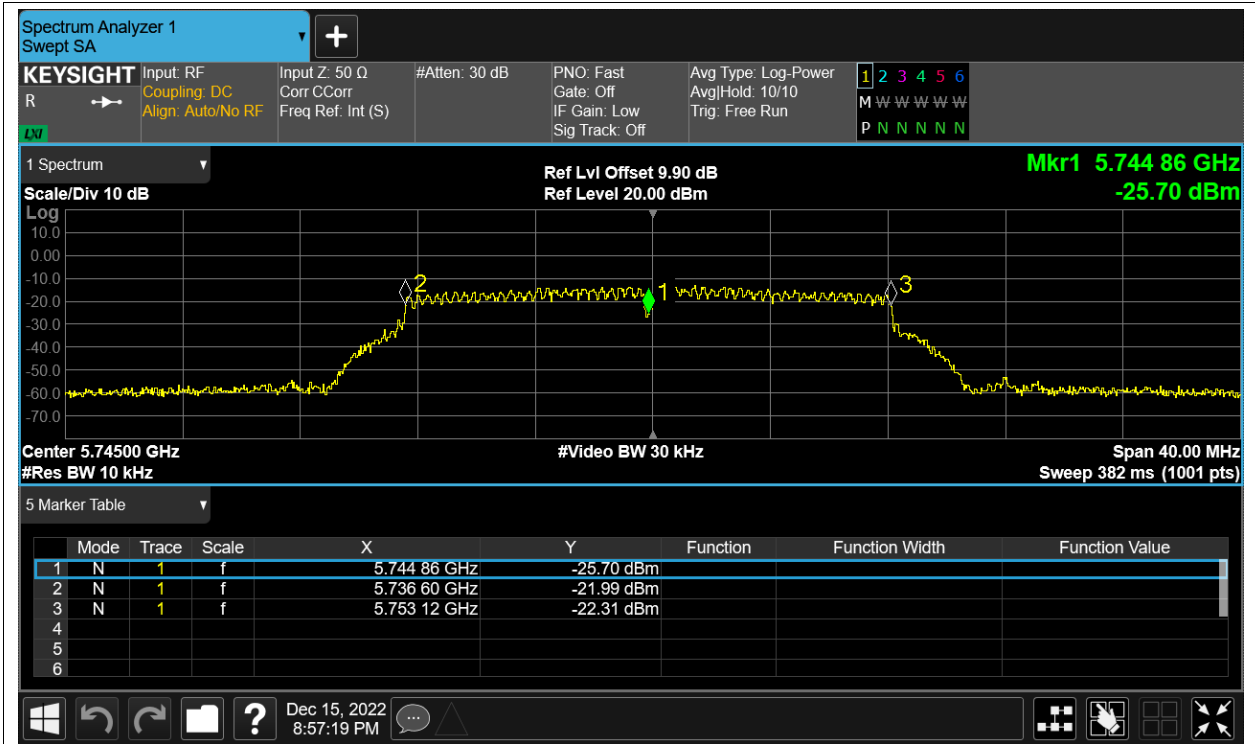
Freq. Stability NVHT a 5745MHz Ant1



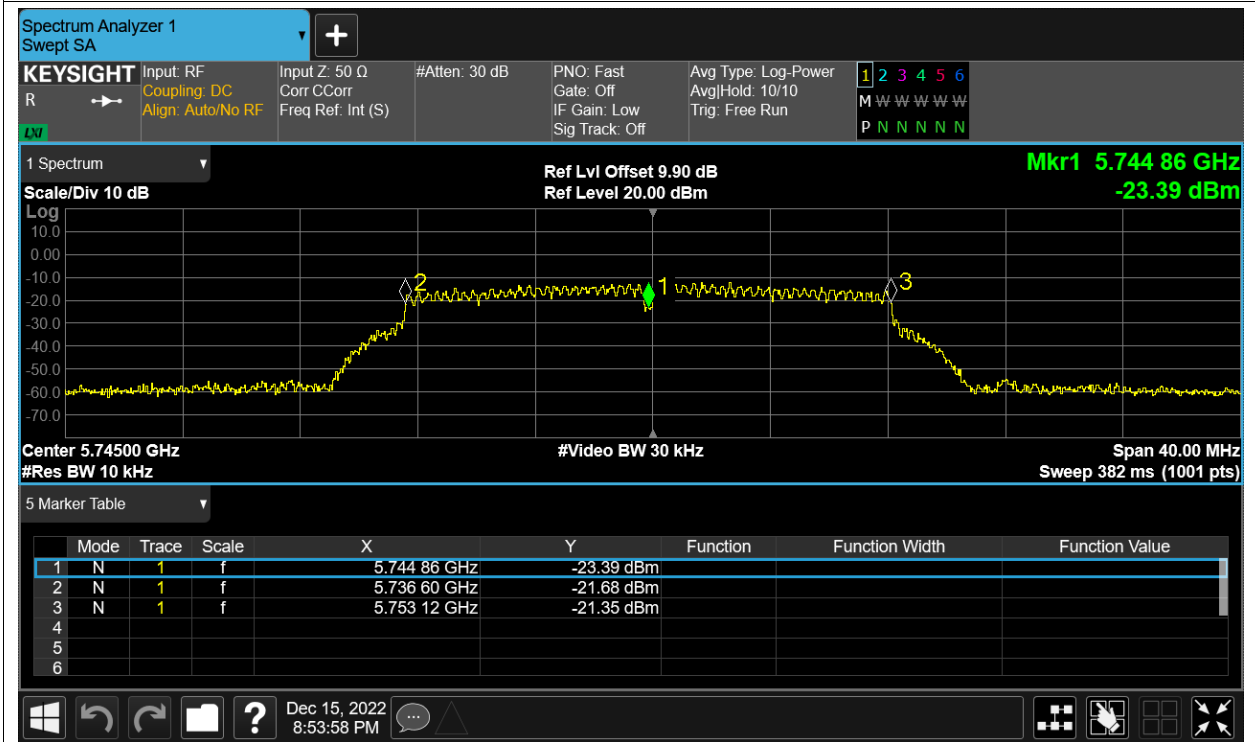
Freq. Stability NVHT a 5745MHz Ant2



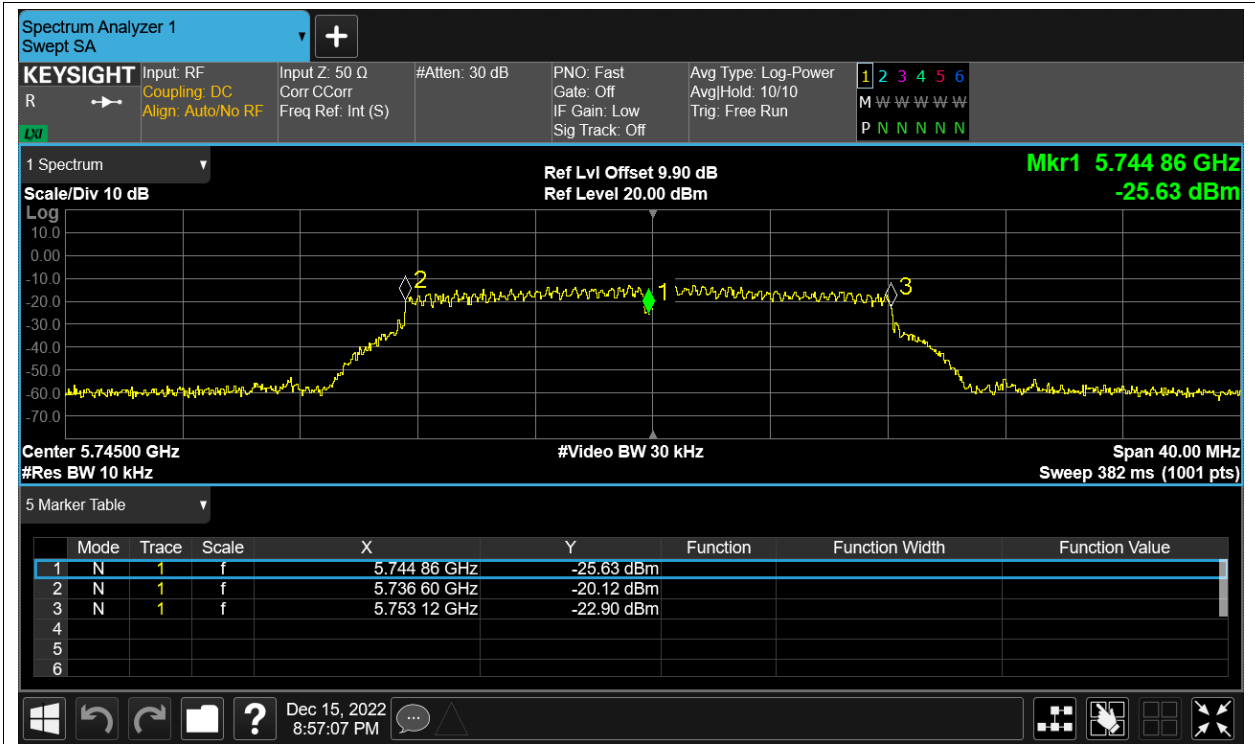
Freq. Stability NVLT a 5745MHz Ant1



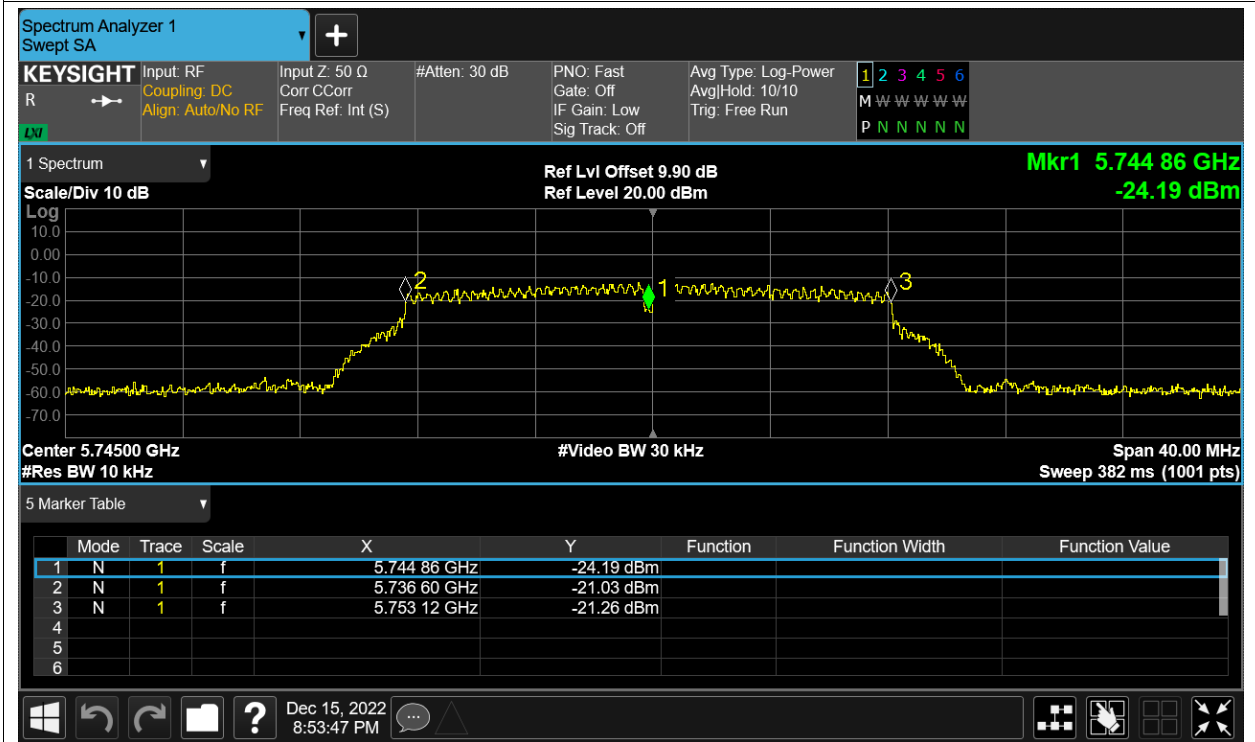
Freq. Stability NVLT a 5745MHz Ant2



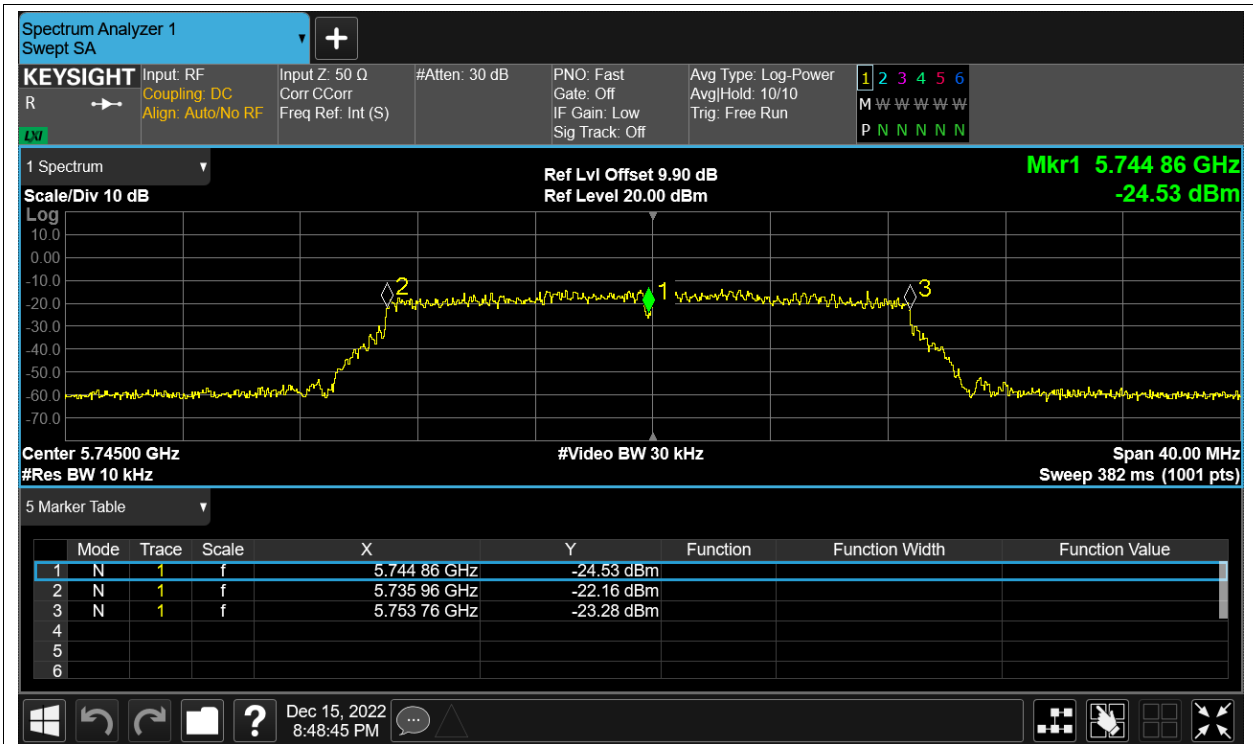
Freq. Stability NVNT a 5745MHz Ant1



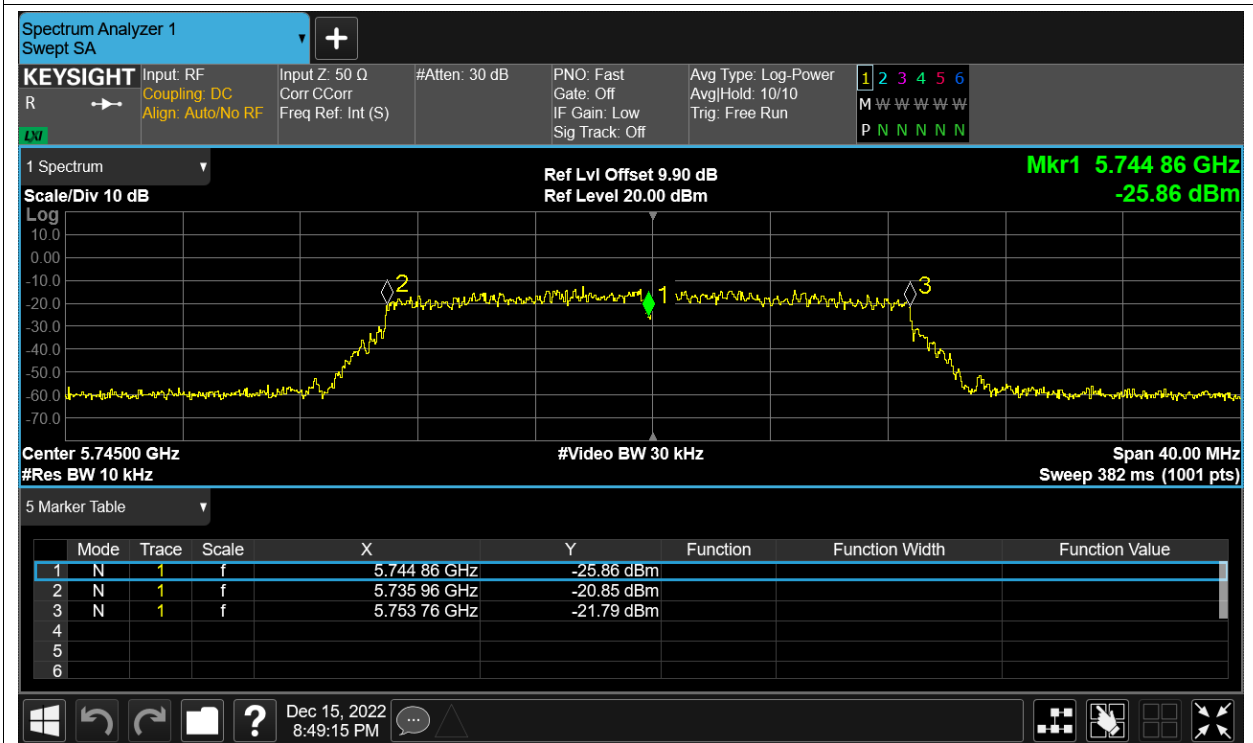
Freq. Stability NVNT a 5745MHz Ant2



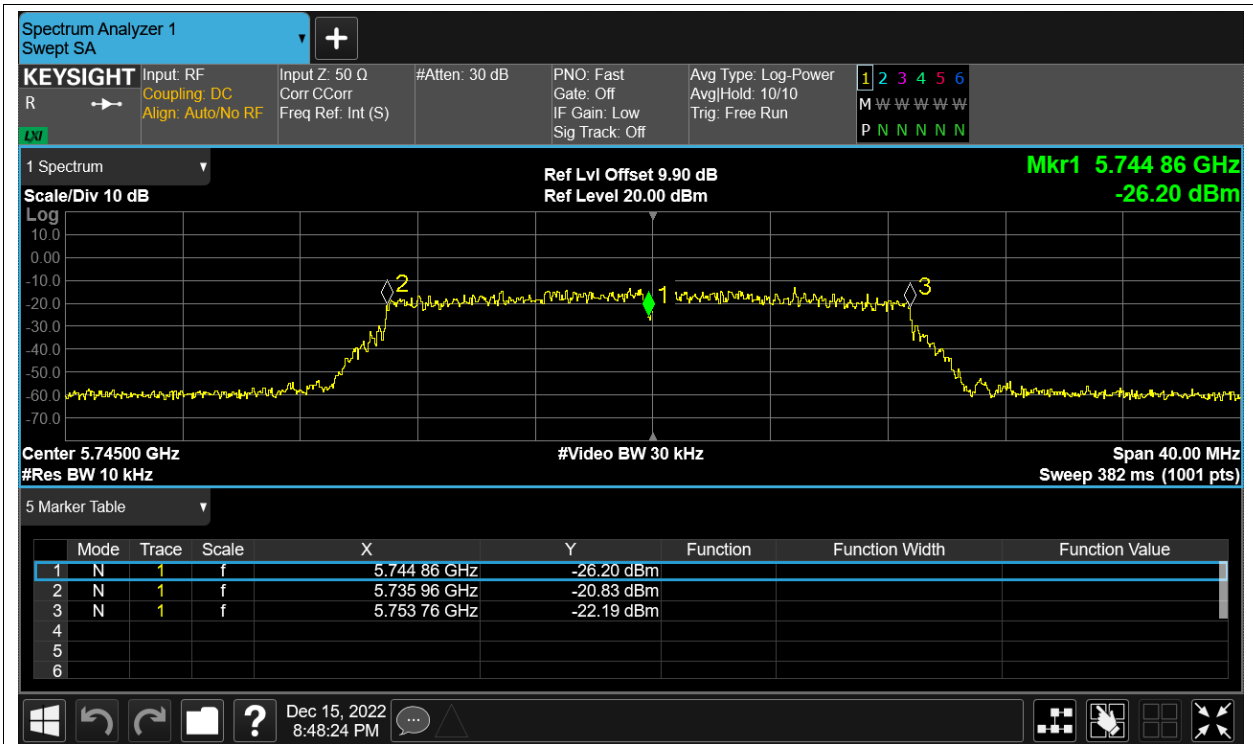
Freq. Stability HVNT ac20 5745MHz Sum



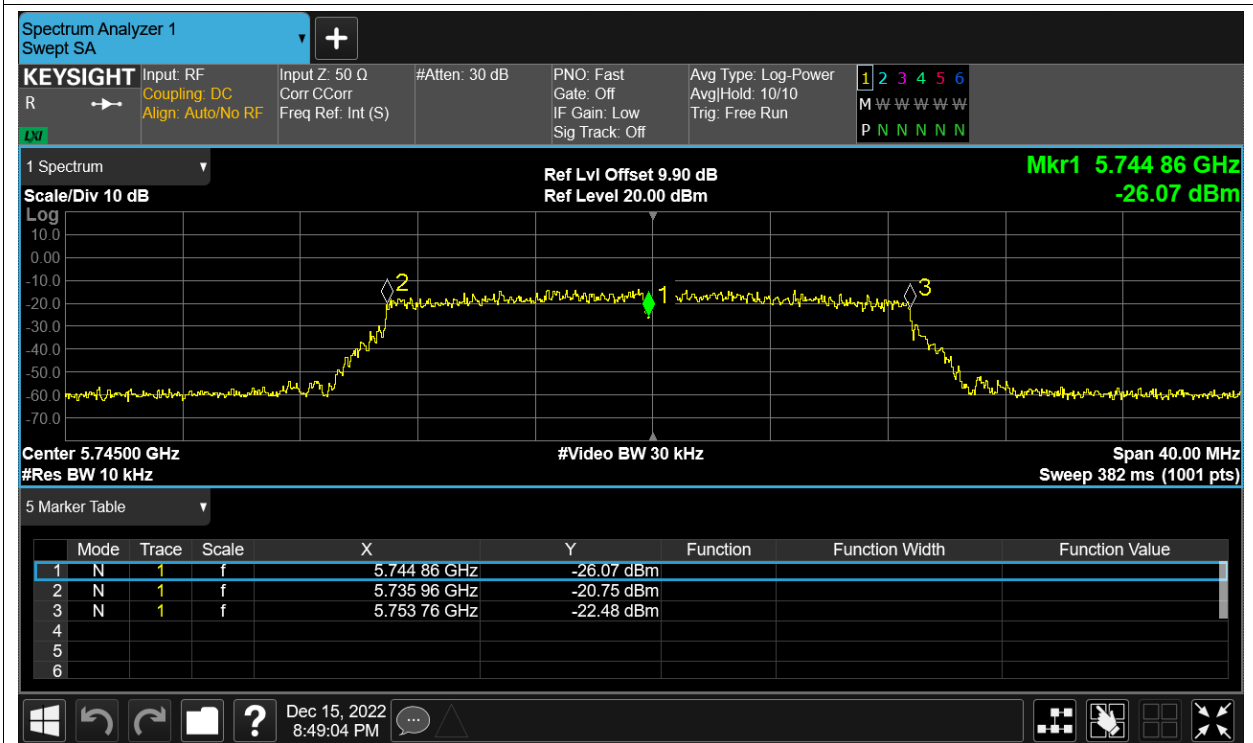
Freq. Stability LVNT ac20 5745MHz Sum



Freq. Stability NVHT ac20 5745MHz Sum

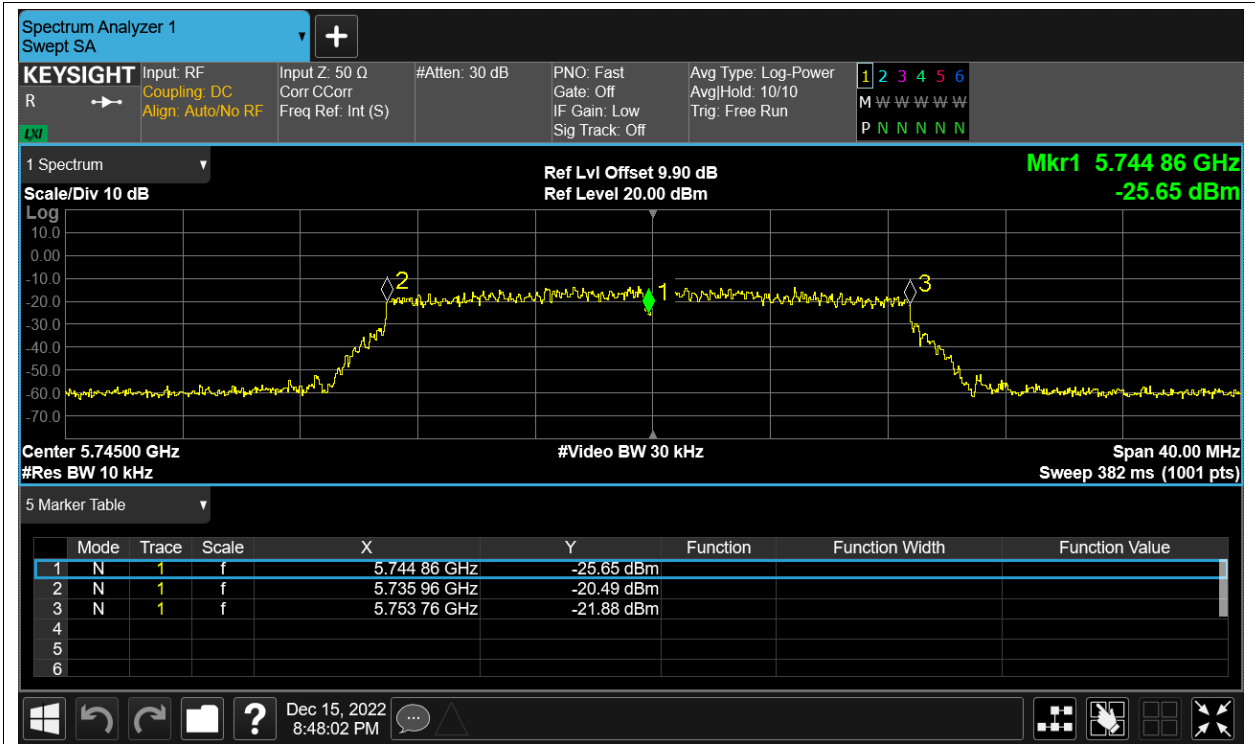


Freq. Stability NVLT ac20 5745MHz Sum

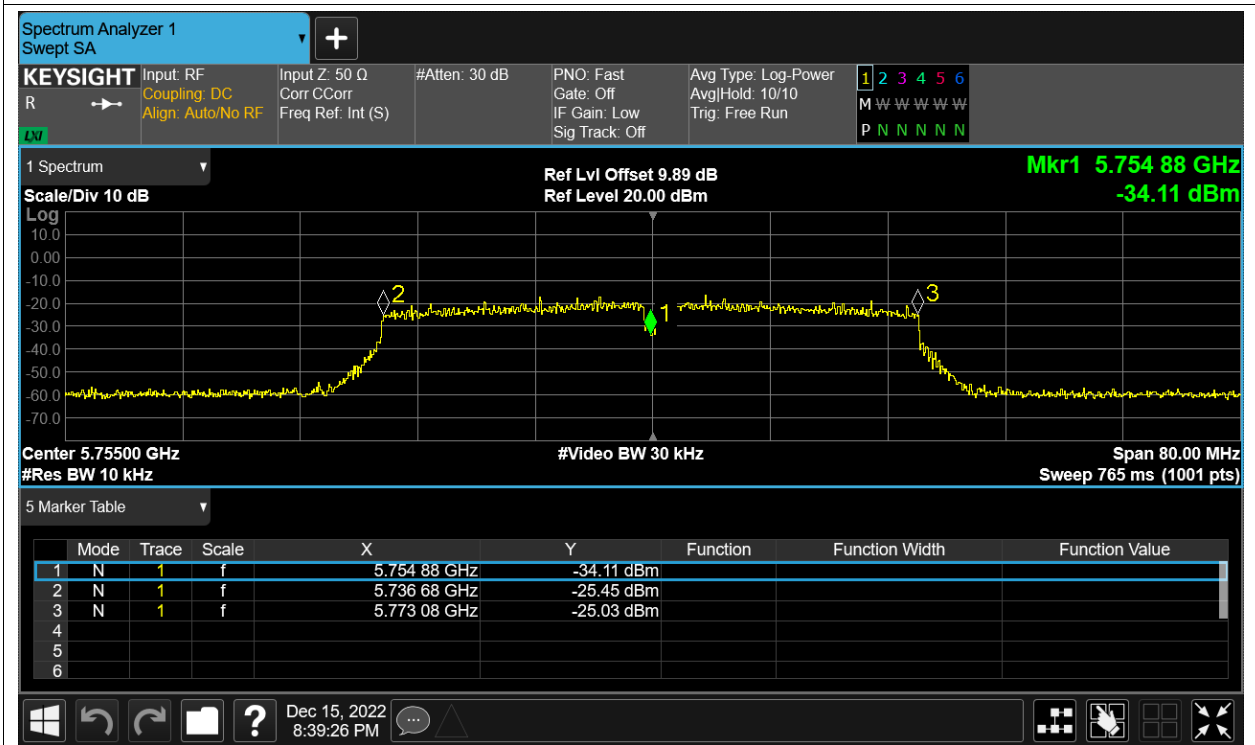


Freq. Stability NVNT ac20 5745MHz Sum

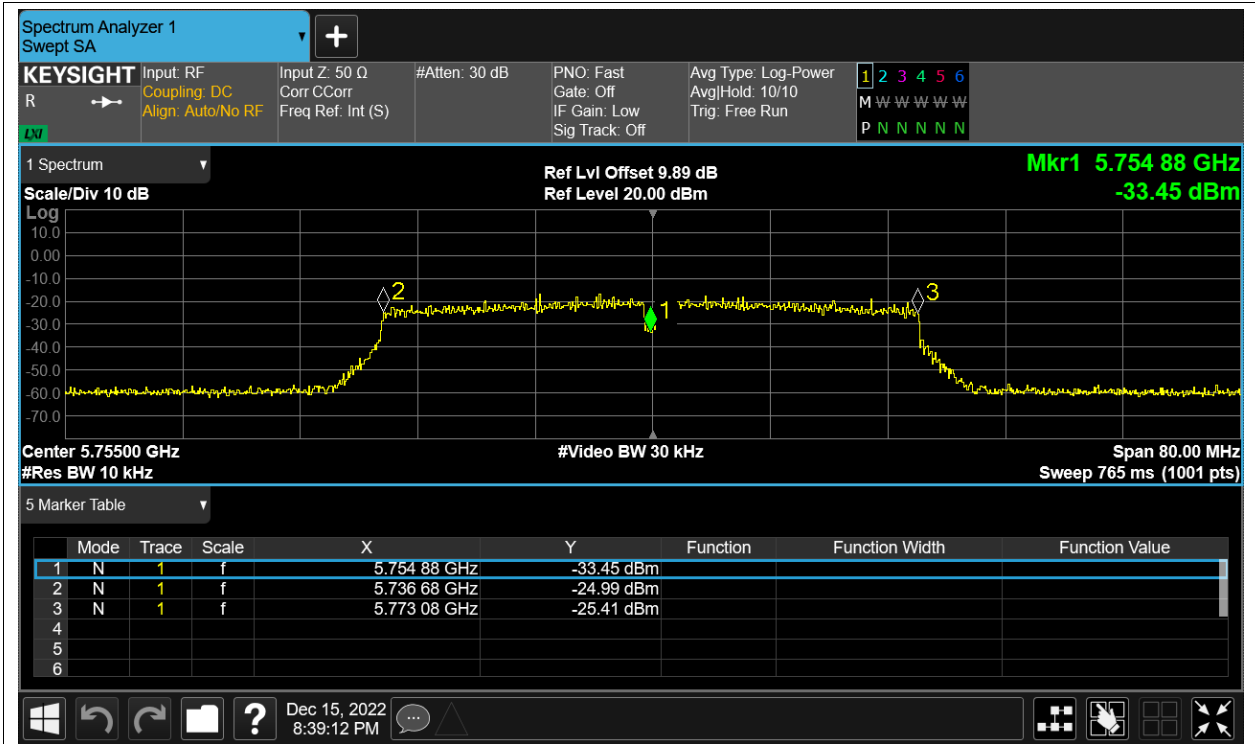




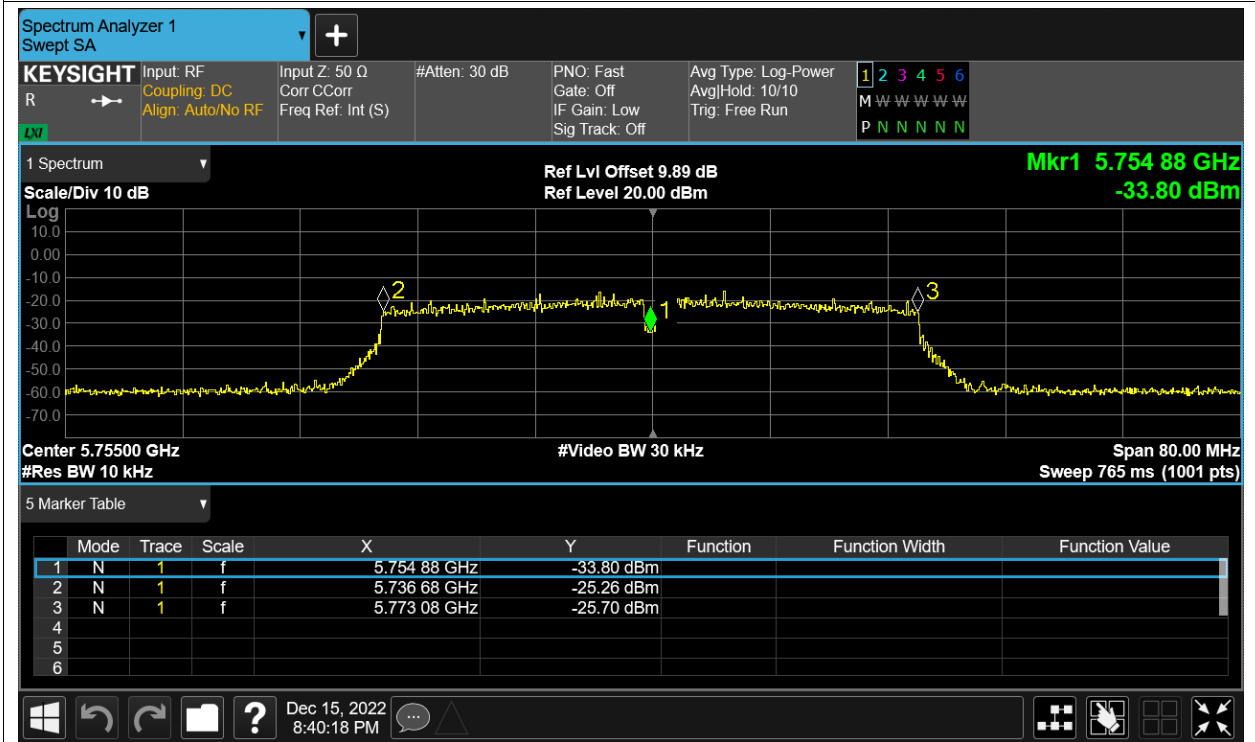
Freq. Stability HVNT ac40 5755MHz Sum



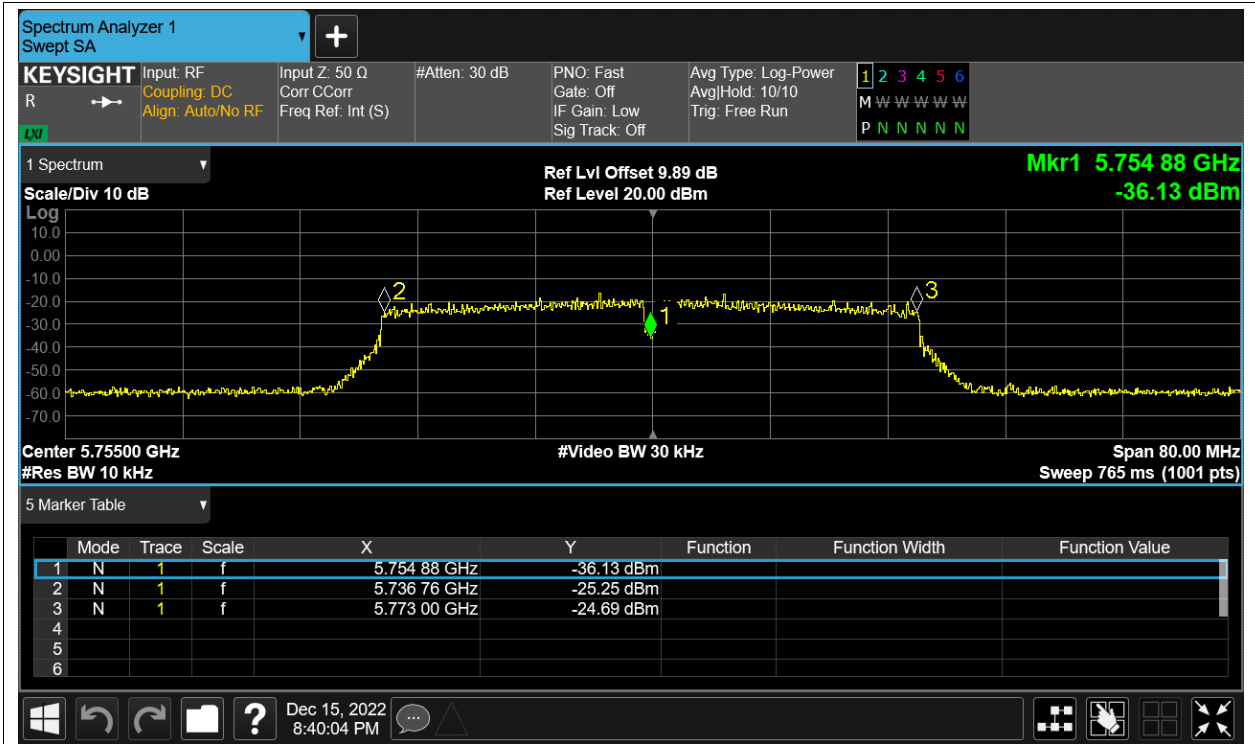
Freq. Stability LVNT ac40 5755MHz Sum



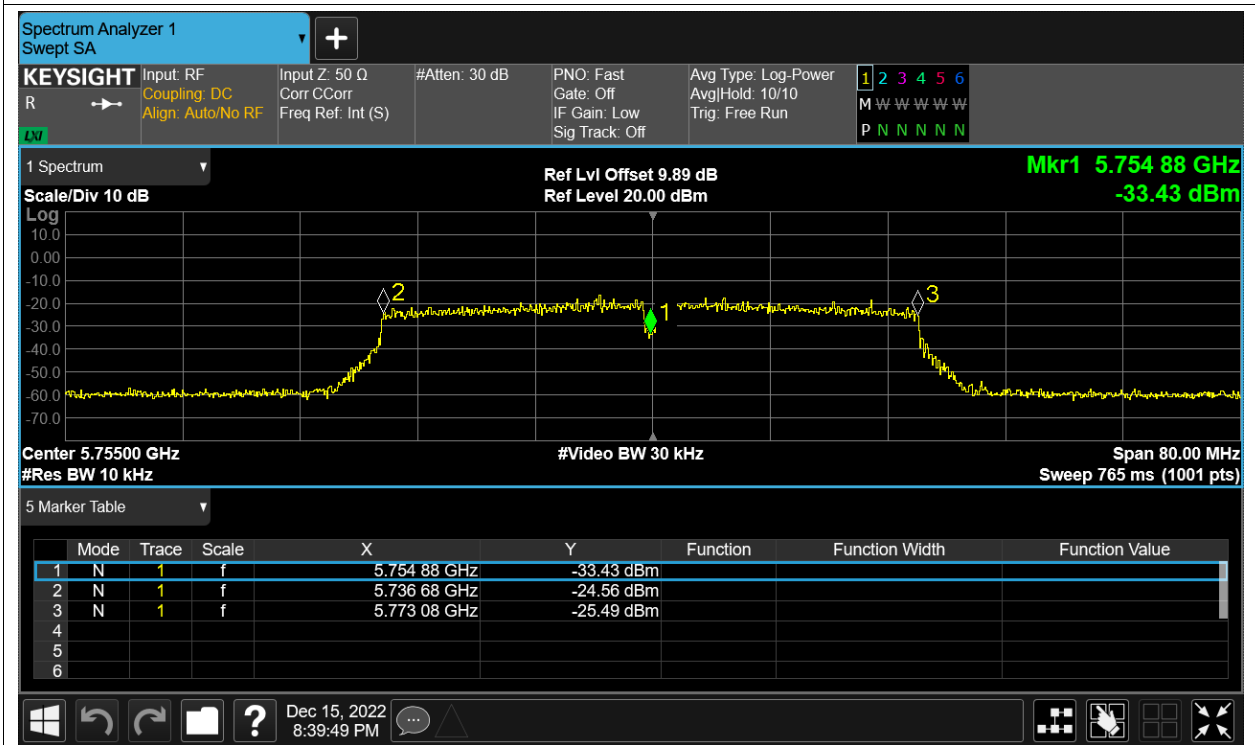
Freq. Stability NVHT ac40 5755MHz Sum



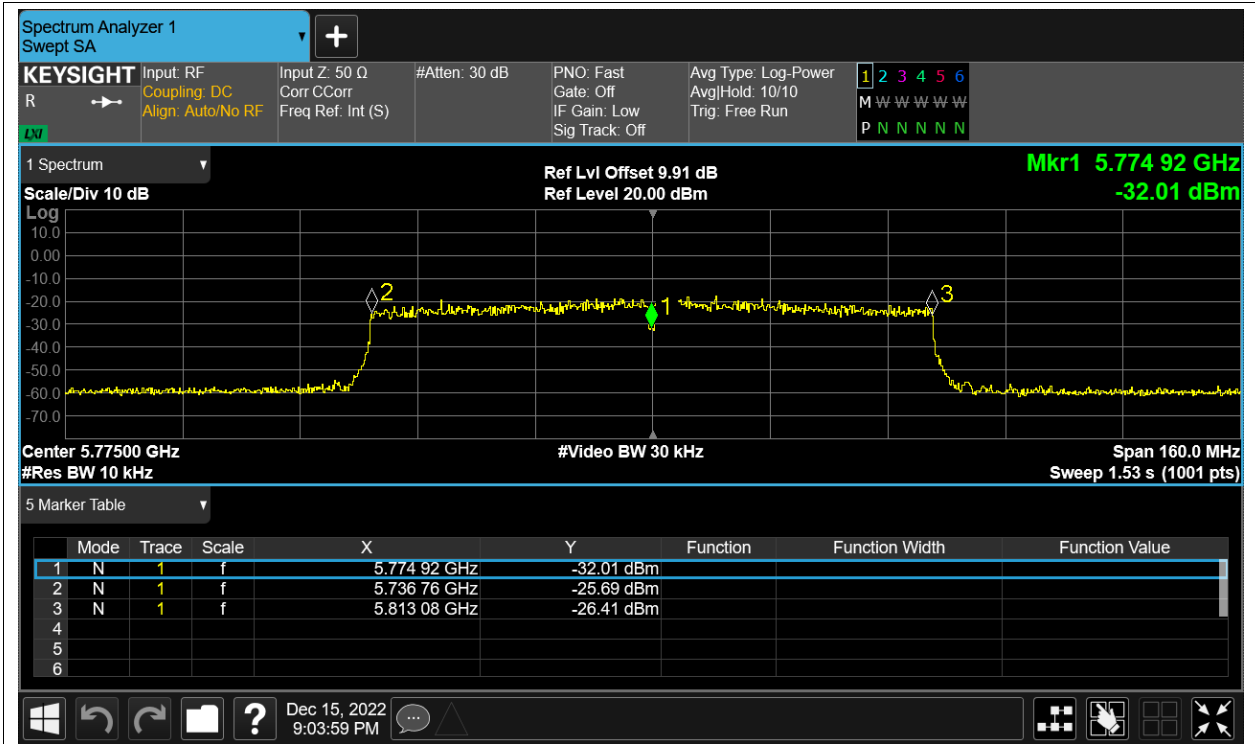
Freq. Stability NVLT ac40 5755MHz Sum



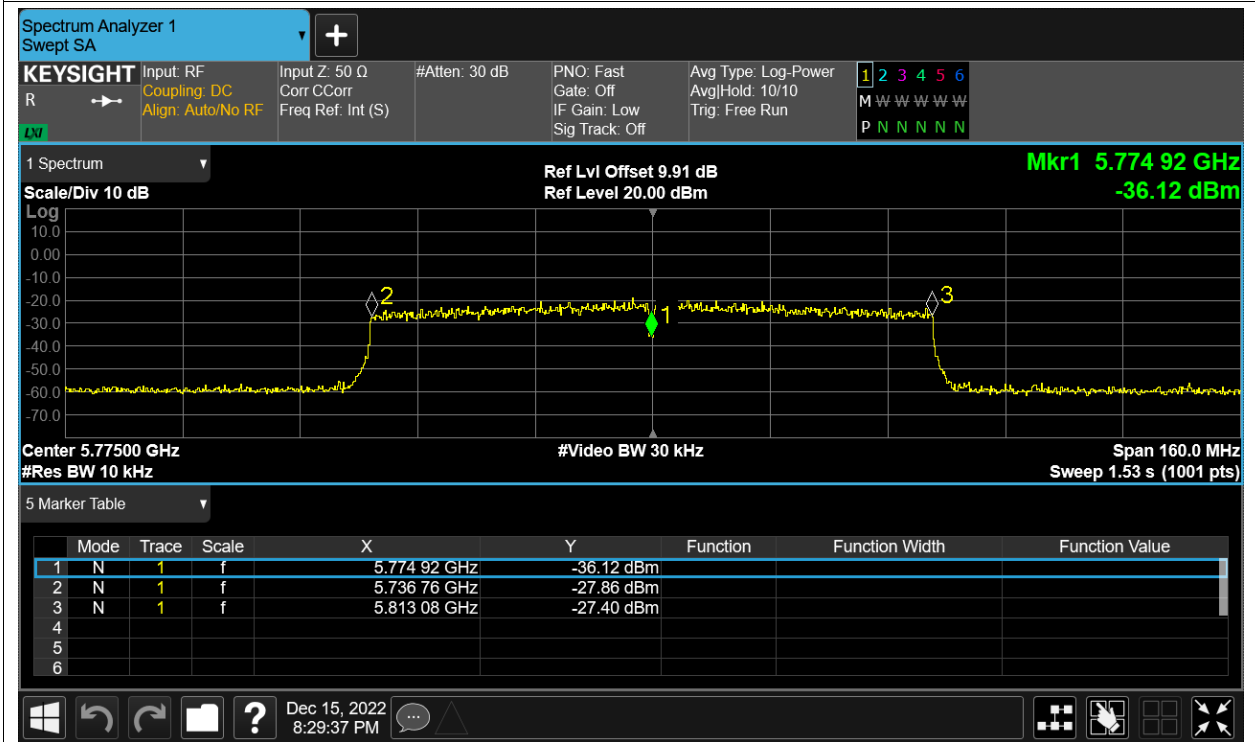
Freq. Stability NVNT ac40 5755MHz Sum



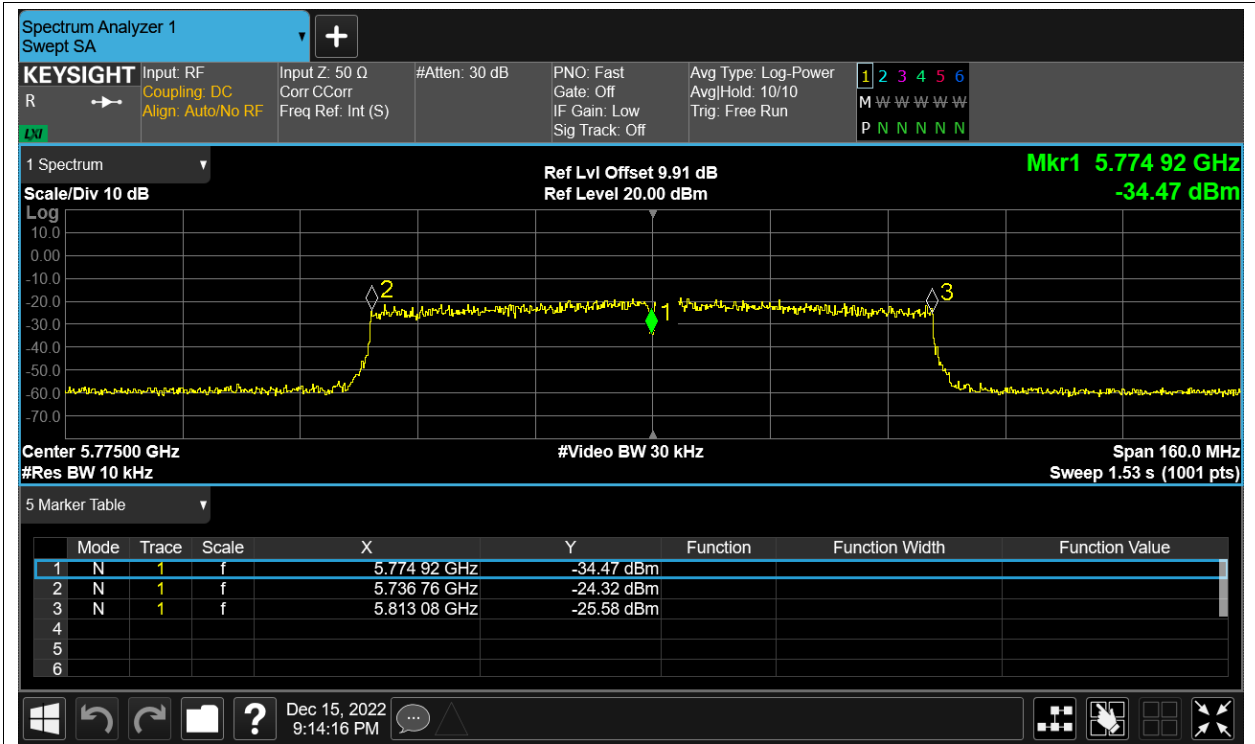
Freq. Stability HVNT ac80 5775MHz Sum



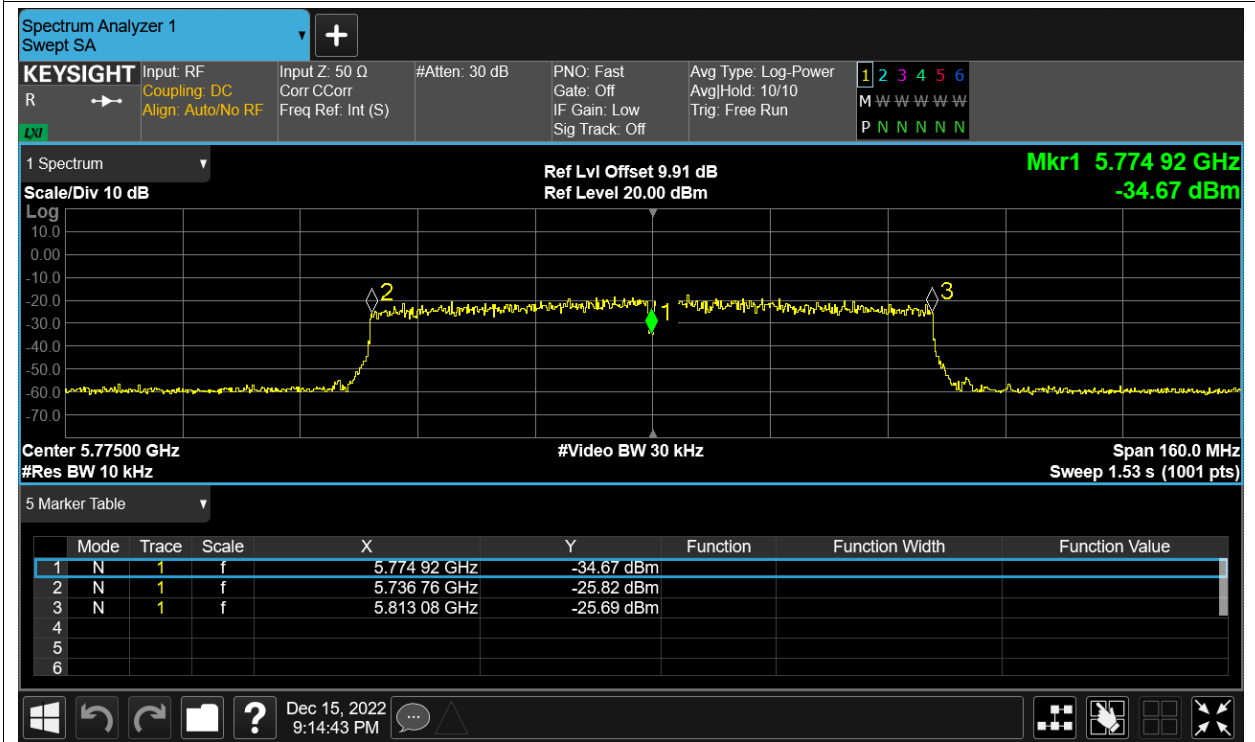
Freq. Stability LVNT ac80 5775MHz Sum



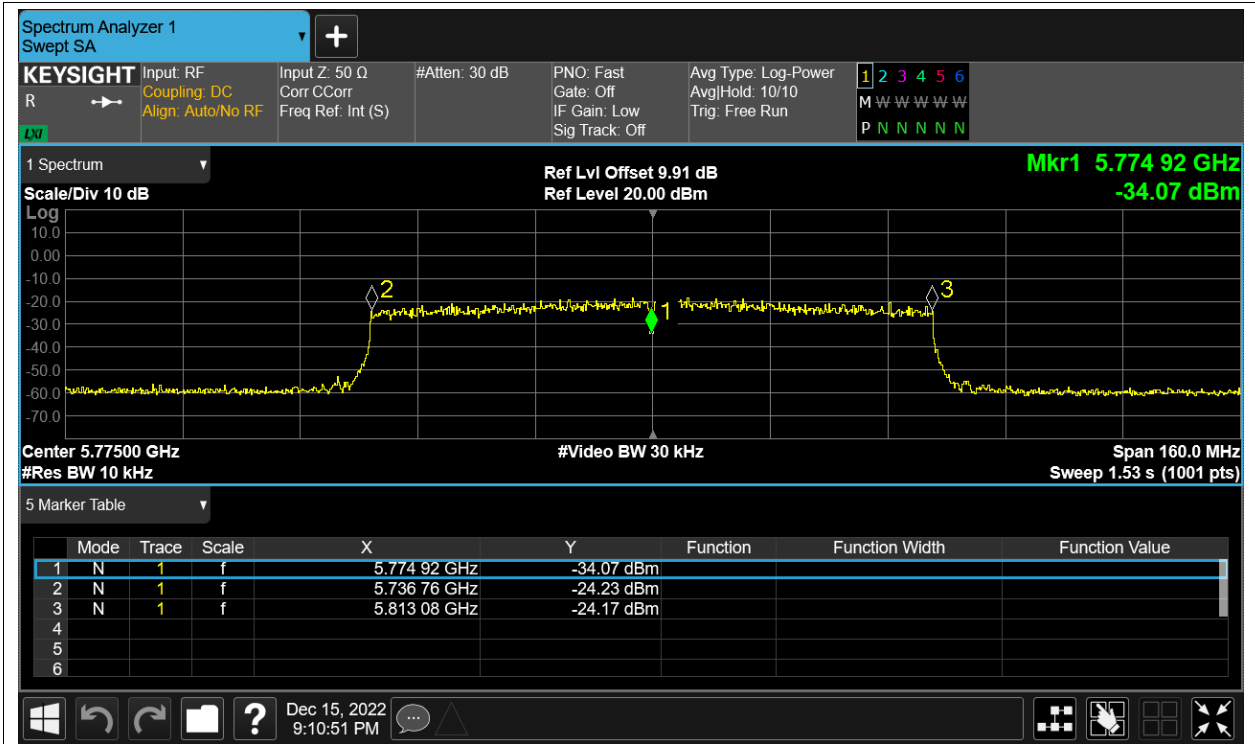
Freq. Stability NVHT ac80 5775MHz Sum



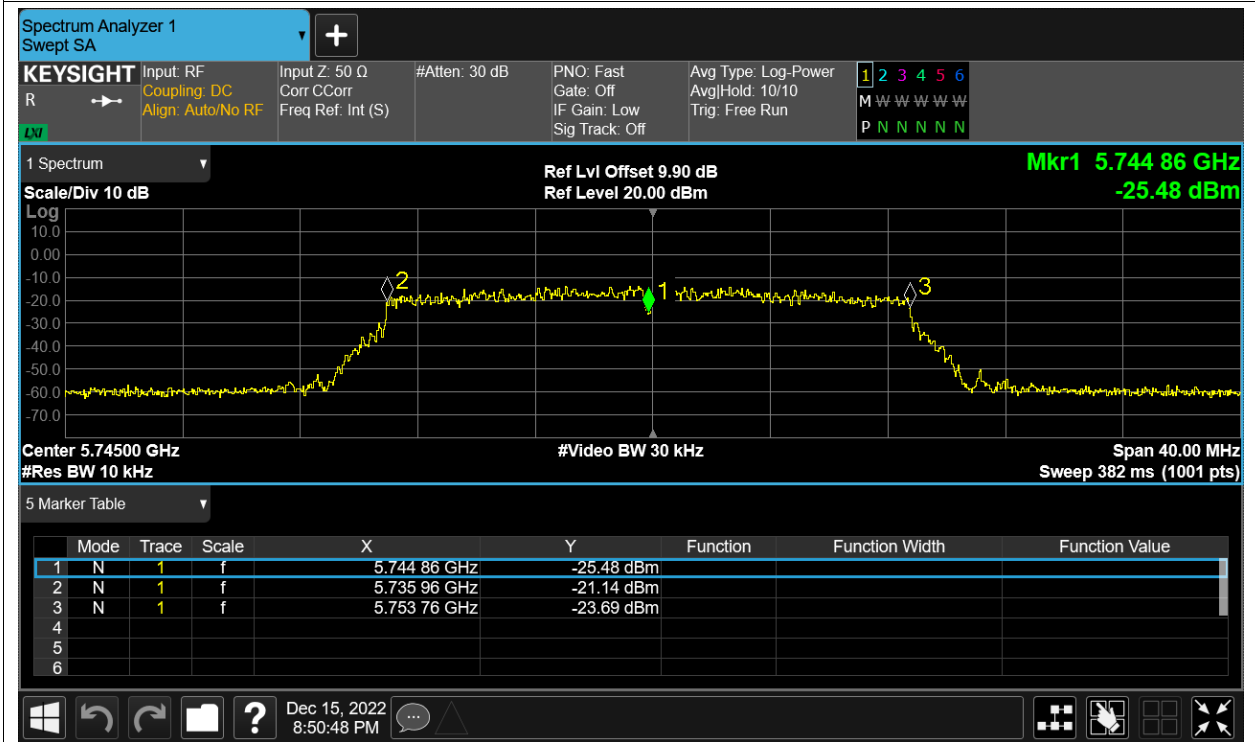
Freq. Stability NVLT ac80 5775MHz Sum



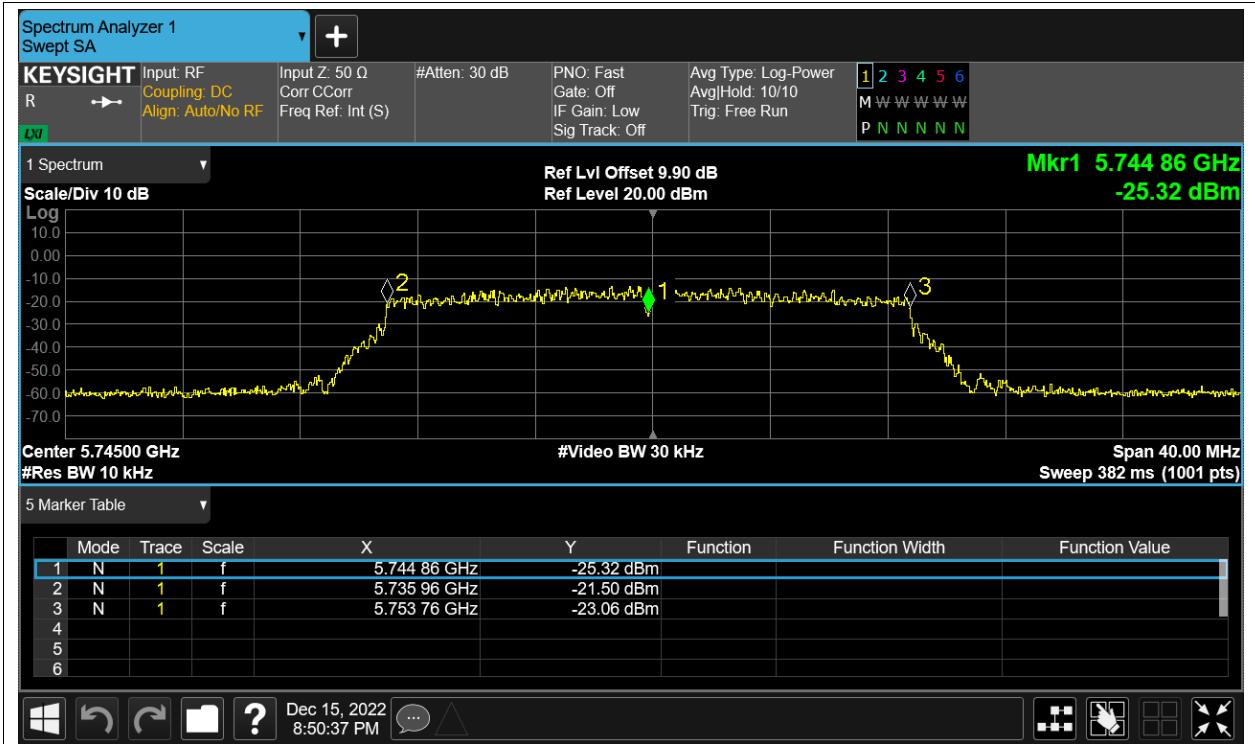
Freq. Stability NVNT ac80 5775MHz Sum



Freq. Stability HVNT n20 5745MHz Sum



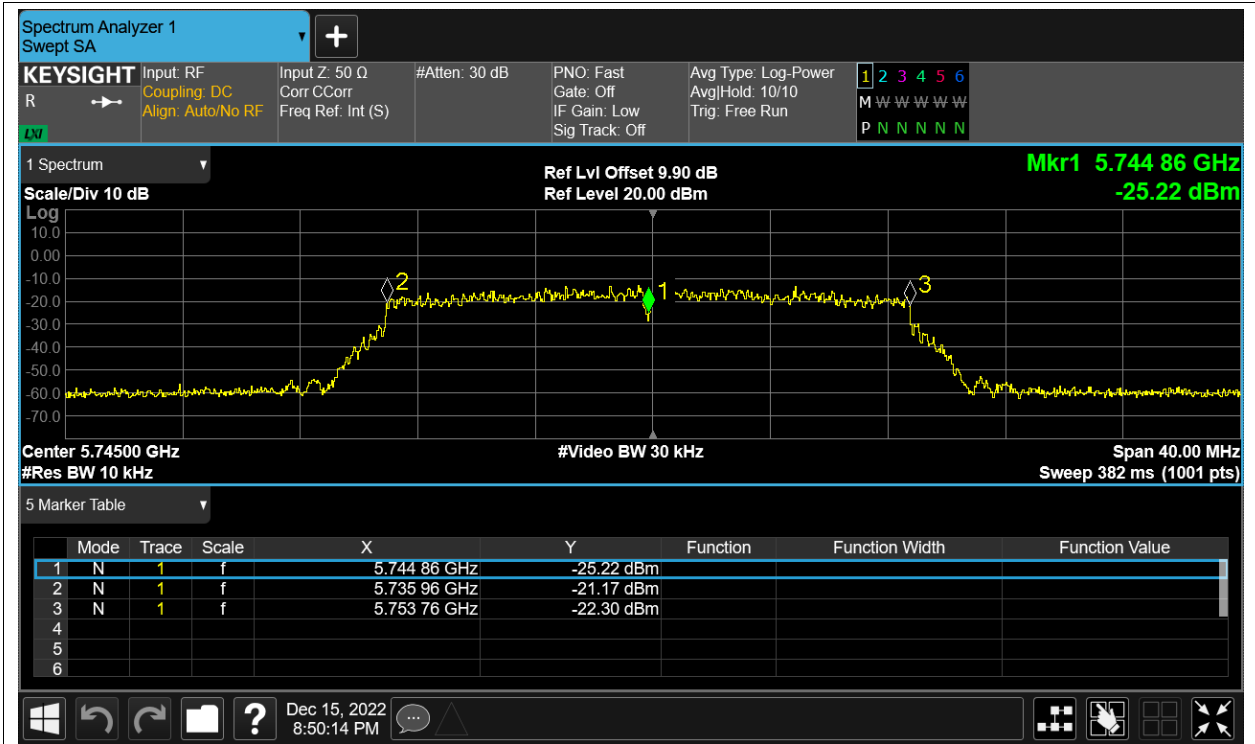
Freq. Stability LVNT n20 5745MHz Sum



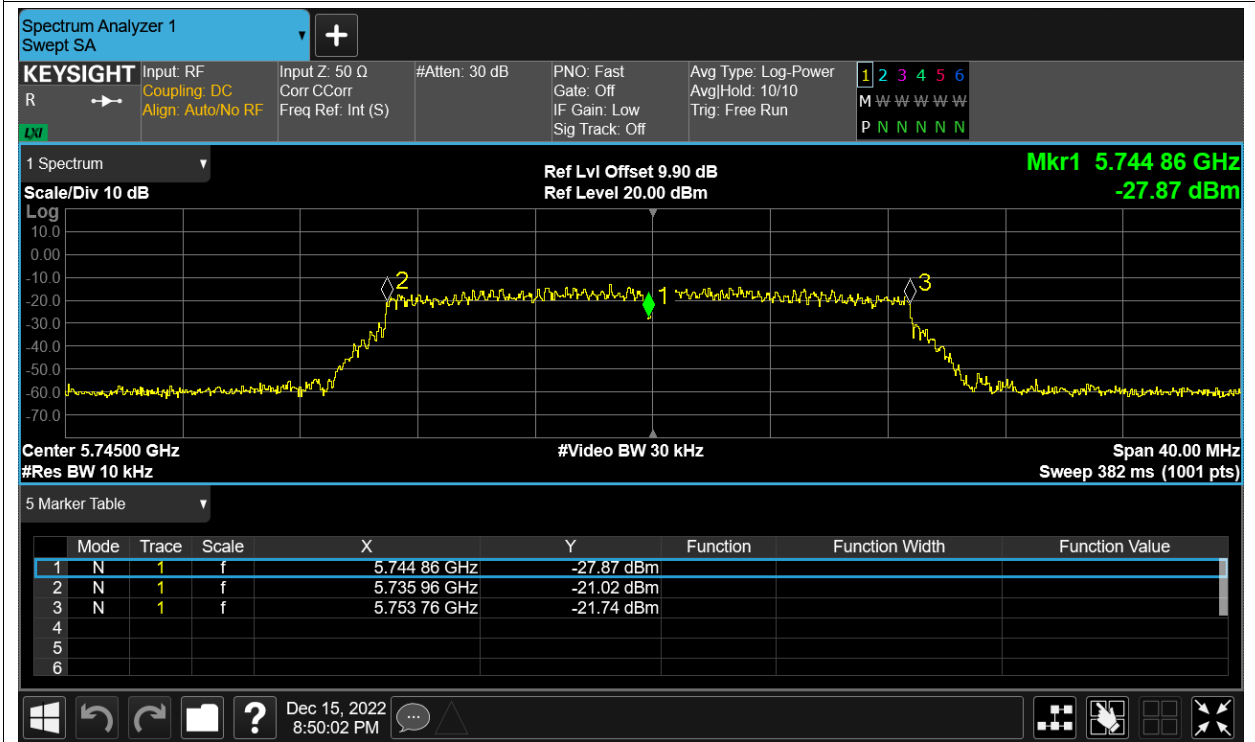
Freq. Stability NVHT n20 5745MHz Sum



Freq. Stability NVLT n20 5745MHz Sum

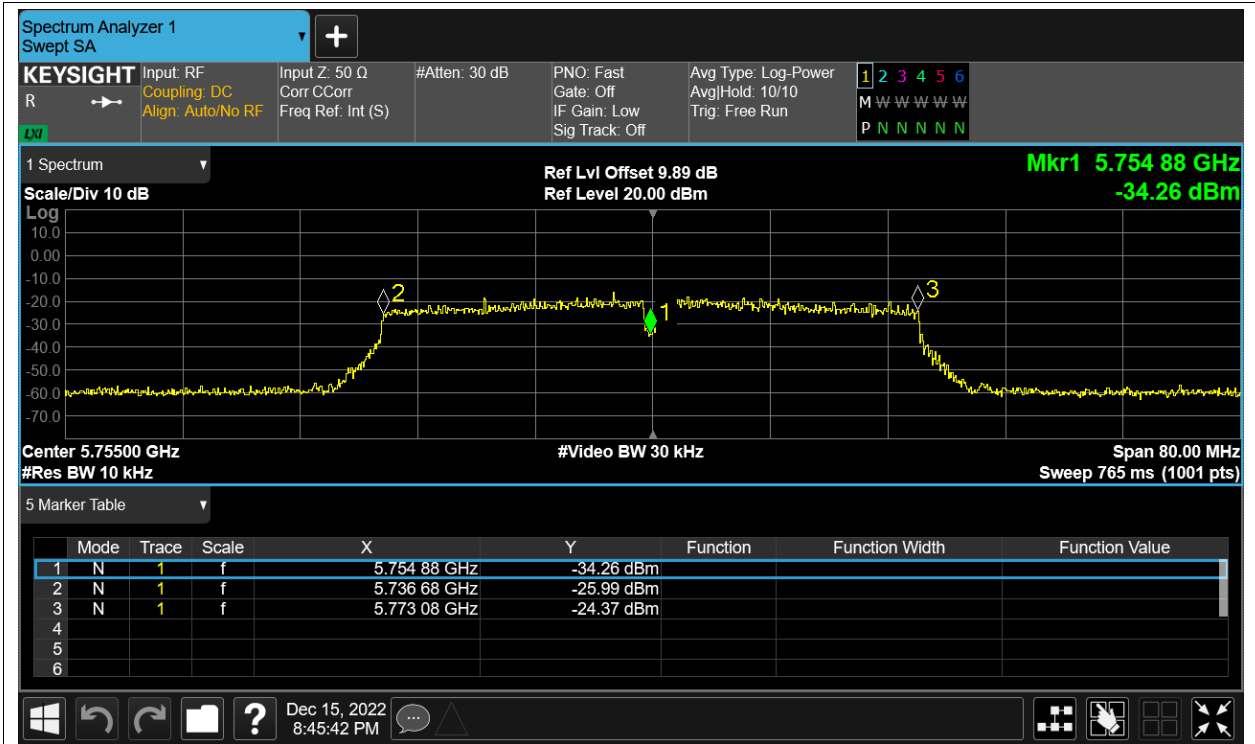


Freq. Stability NVNT n20 5745MHz Sum

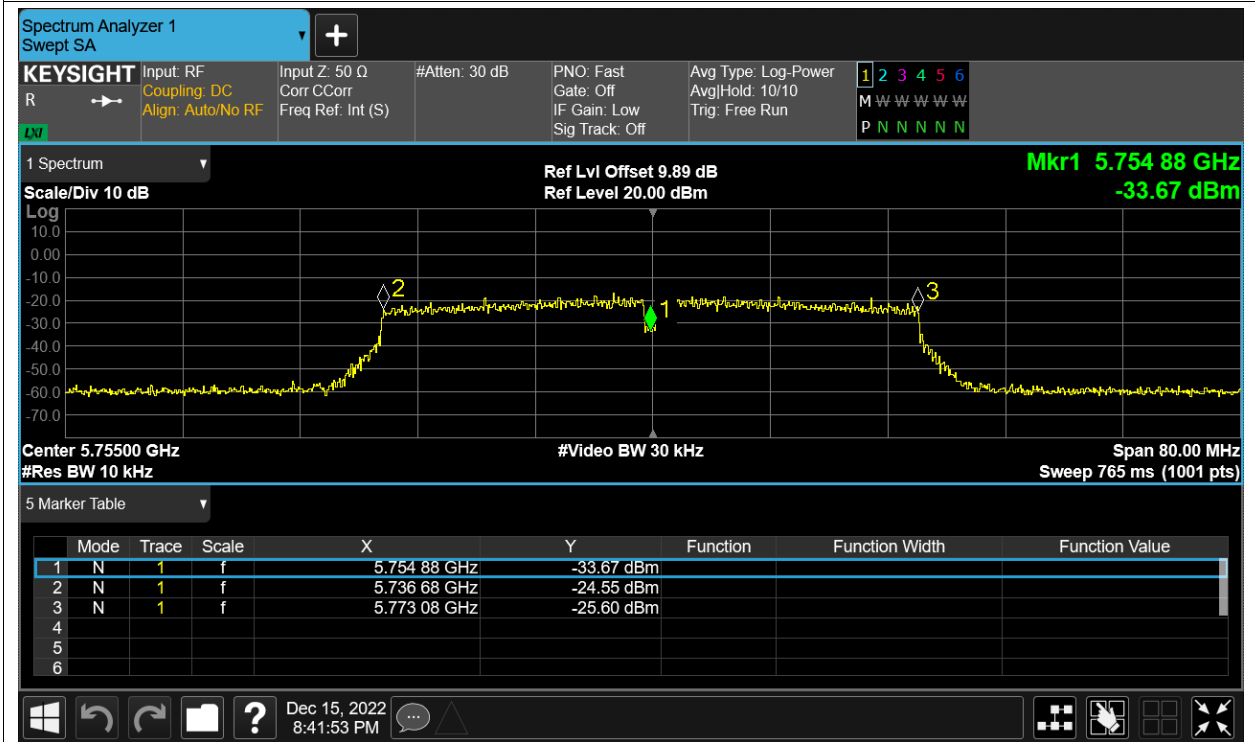


Freq. Stability HVNT n40 5755MHz Sum

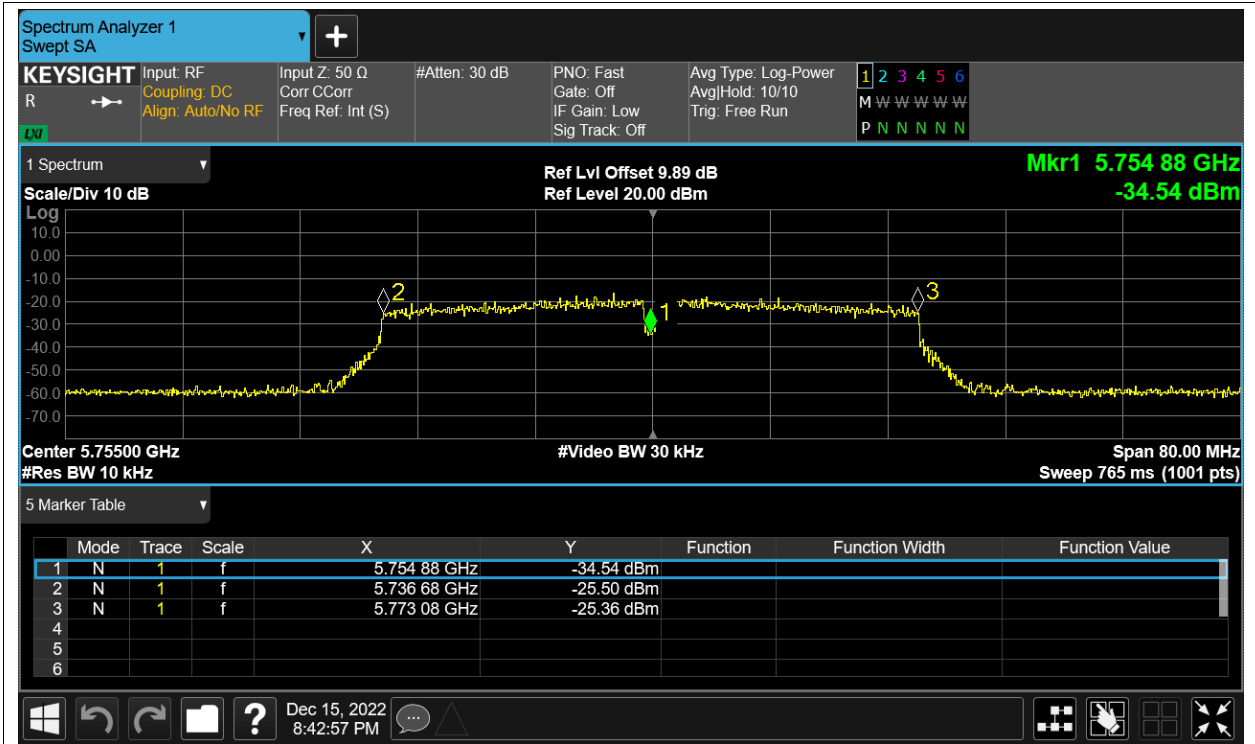




Freq. Stability LVNT n40 5755MHz Sum



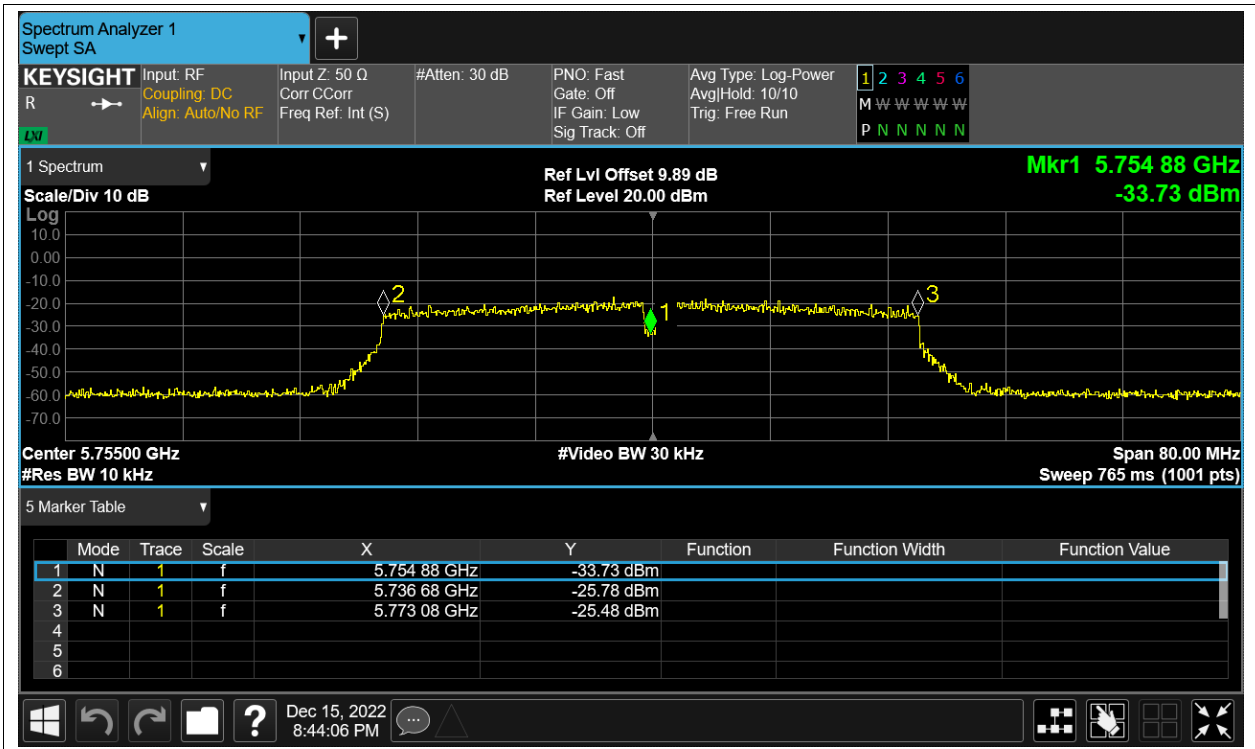
Freq. Stability NVHT n40 5755MHz Sum



Freq. Stability NVLT n40 5755MHz Sum



Freq. Stability NVNT n40 5755MHz Sum

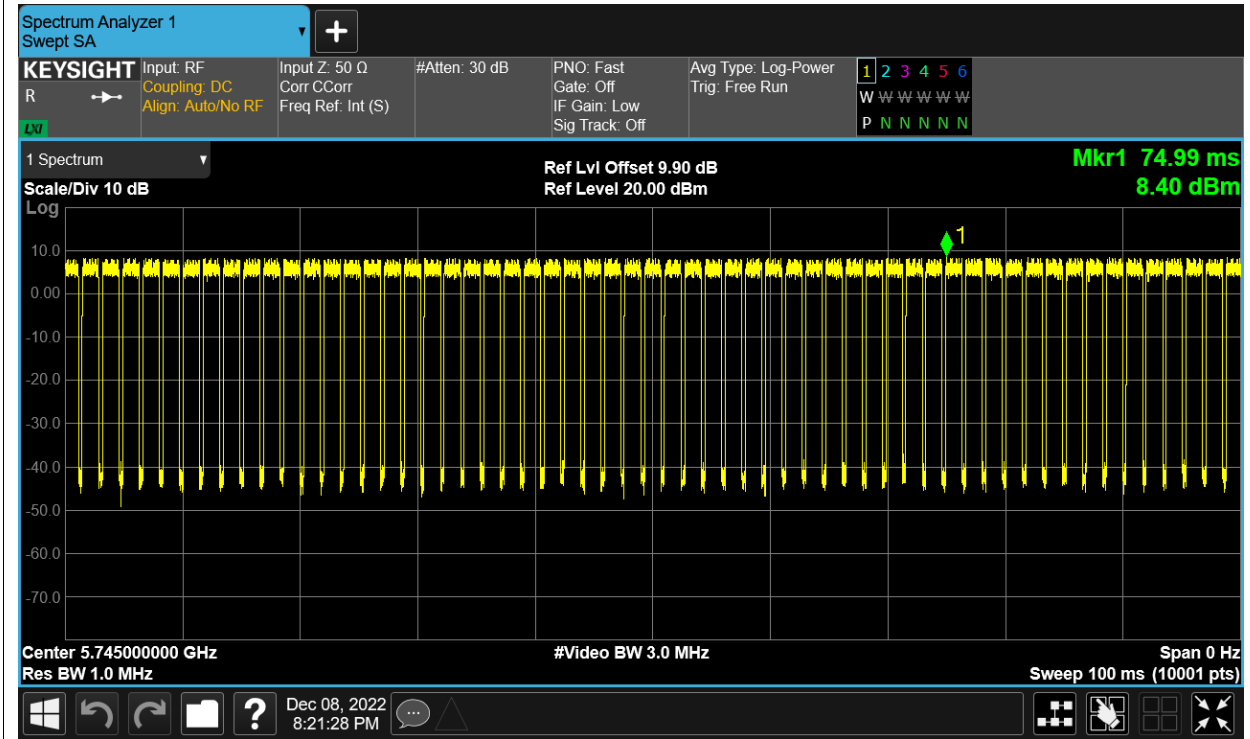


## Duty Cycle

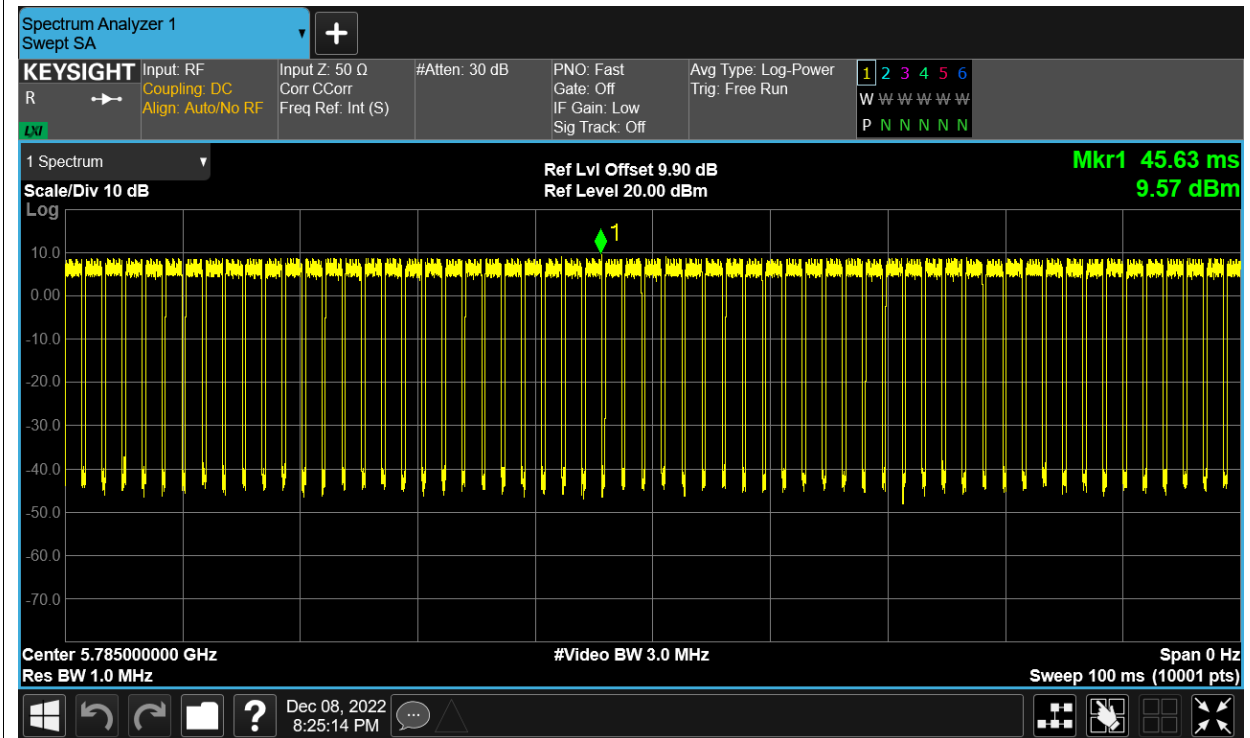
Condition	Mode	Frequency (MHz)	Antenna	Duty Cycle (%)	Correction Factor (dB)
NVNT	a	5745	Ant1	83.36	0.79
NVNT	a	5785	Ant1	83.44	0.79
NVNT	a	5825	Ant1	82.57	0.83
NVNT	a	5745	Ant2	4.52	13.45
NVNT	a	5785	Ant2	81.64	0.88
NVNT	a	5825	Ant2	81.88	0.87
NVNT	ac20	5745	Sum	66.81	1.75
NVNT	ac20	5785	Sum	68.82	1.62
NVNT	ac20	5825	Sum	68.96	1.61
NVNT	ac40	5755	Sum	53.26	2.74
NVNT	ac40	5795	Sum	52.96	2.76
NVNT	ac80	5775	Sum	40.43	3.93
NVNT	n20	5745	Sum	65.84	1.81
NVNT	n20	5785	Sum	68.75	1.63
NVNT	n20	5825	Sum	68.22	1.66
NVNT	n40	5755	Sum	52.79	2.77
NVNT	n40	5795	Sum	53	2.76

Test Graphs

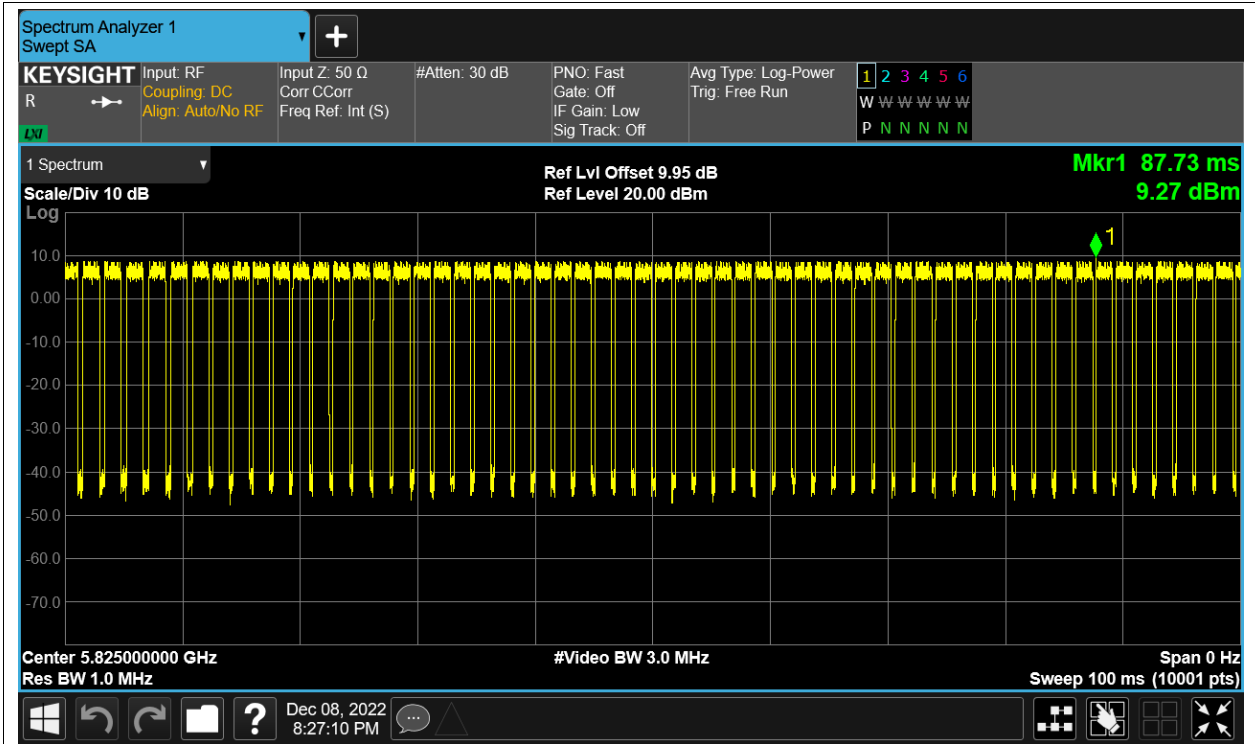
Duty Cycle NVNT a 5745MHz Ant1



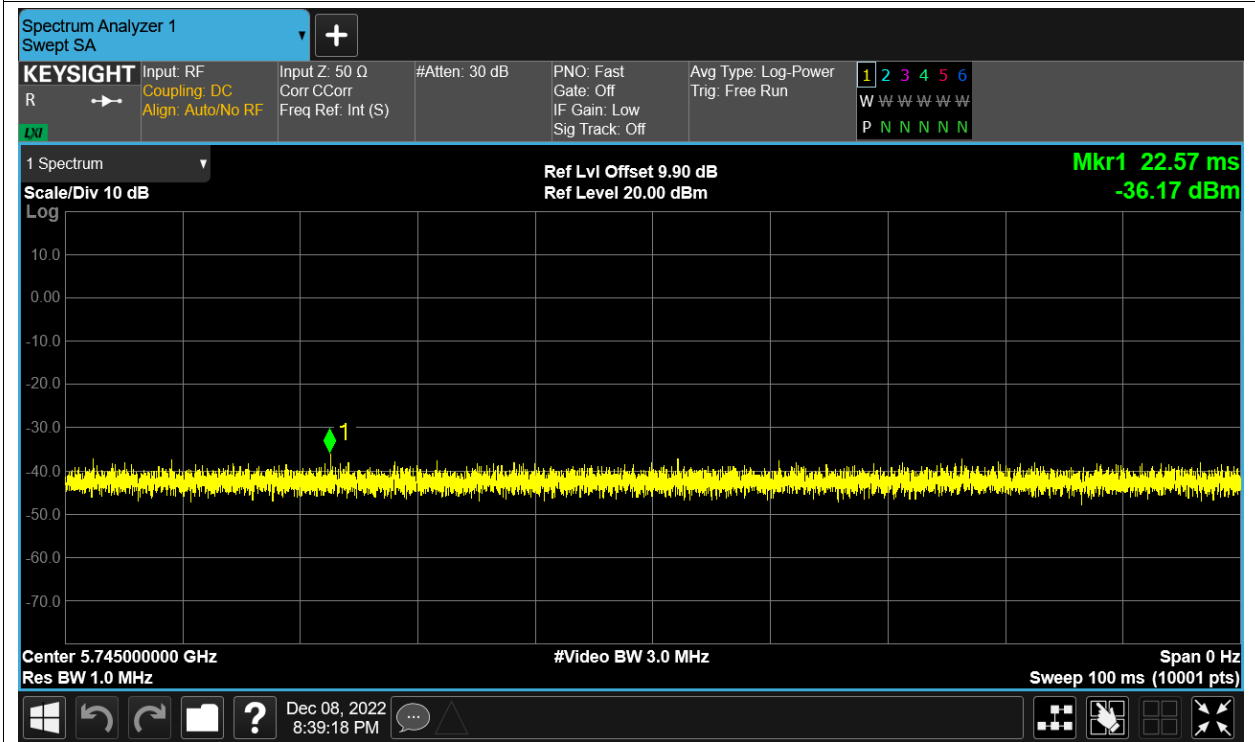
Duty Cycle NVNT a 5785MHz Ant1



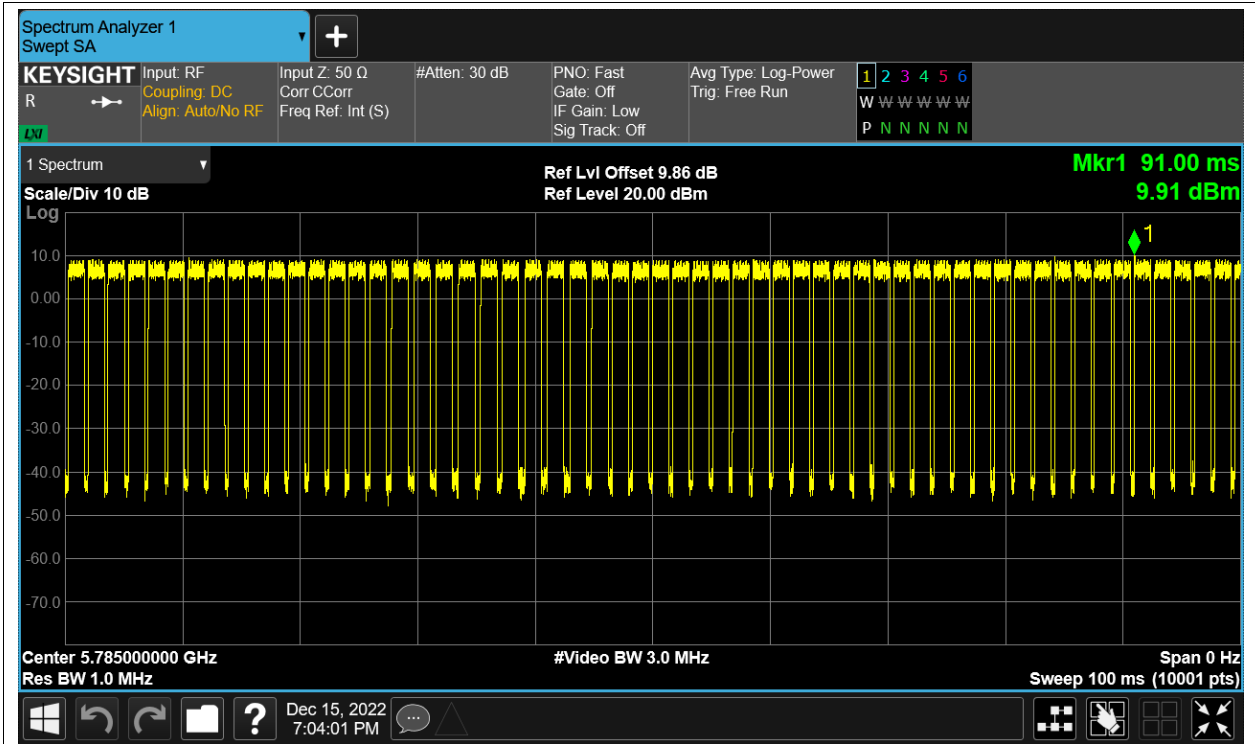
Duty Cycle NVNT a 5825MHz Ant1



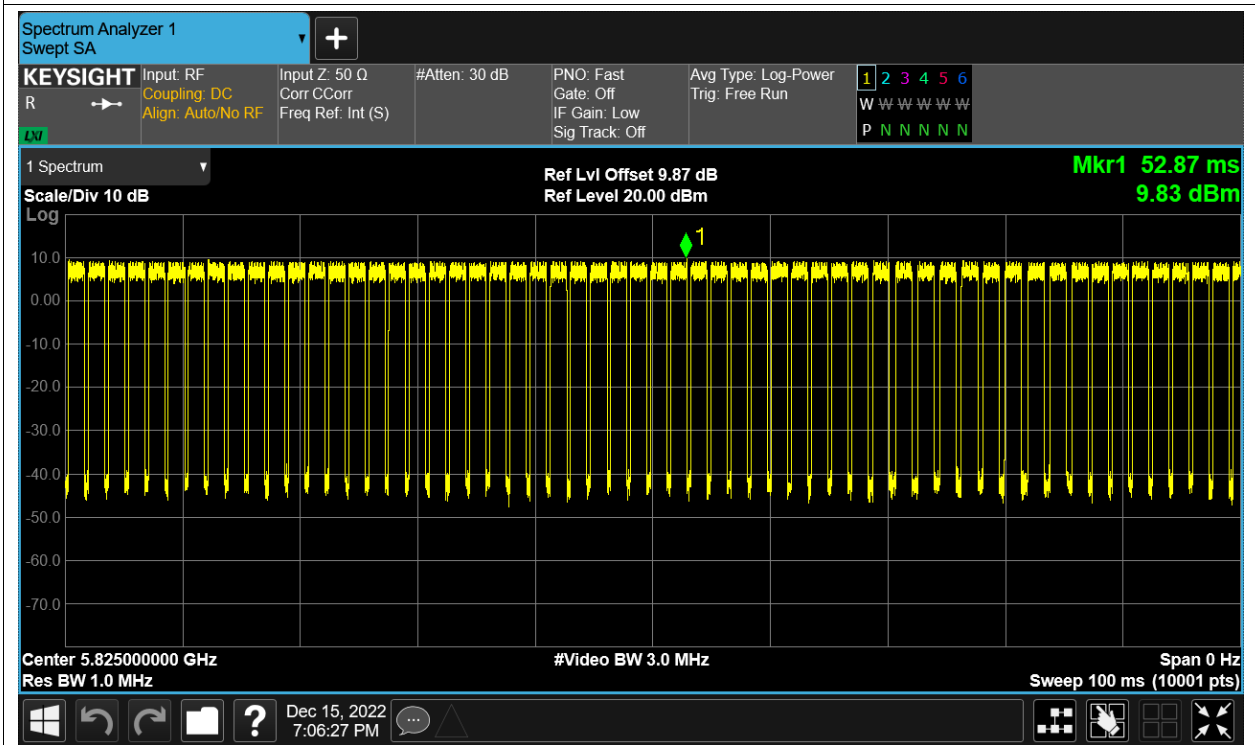
Duty Cycle NVNT a 5745MHz Ant2



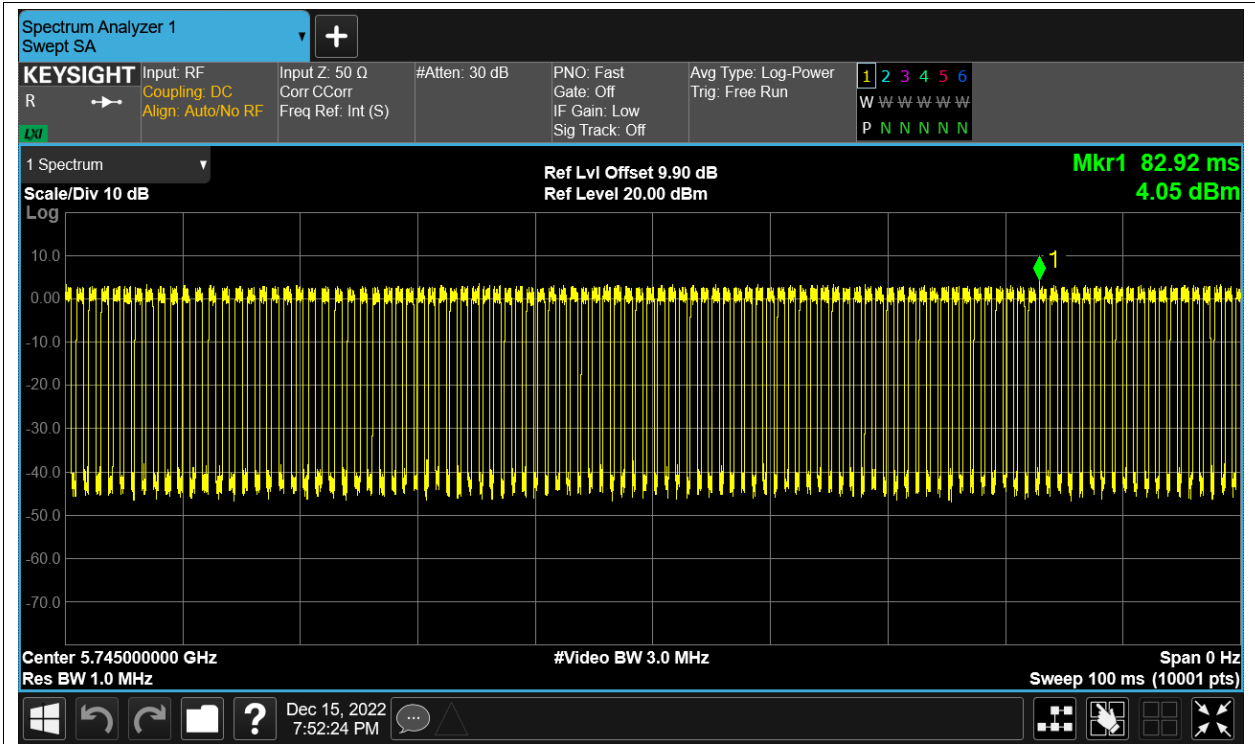
Duty Cycle NVNT a 5785MHz Ant2



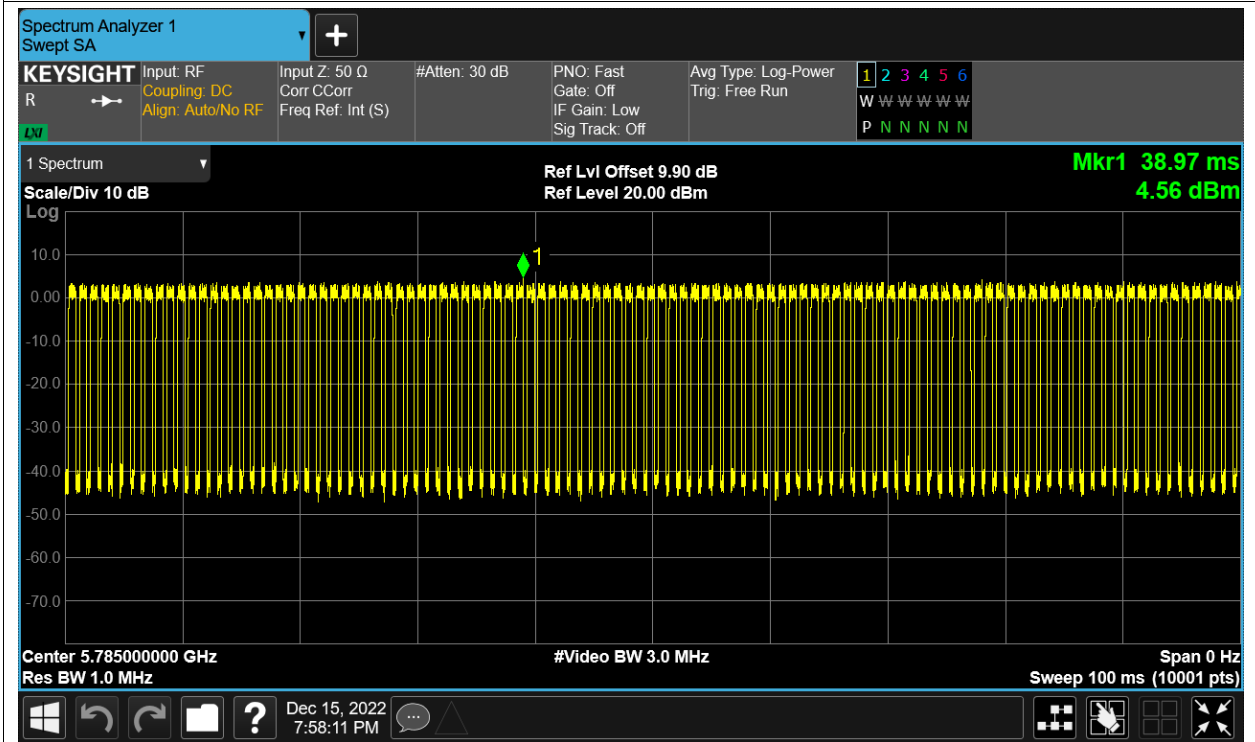
Duty Cycle NVNT a 5825MHz Ant2



Duty Cycle NVNT ac20 5745MHz Sum

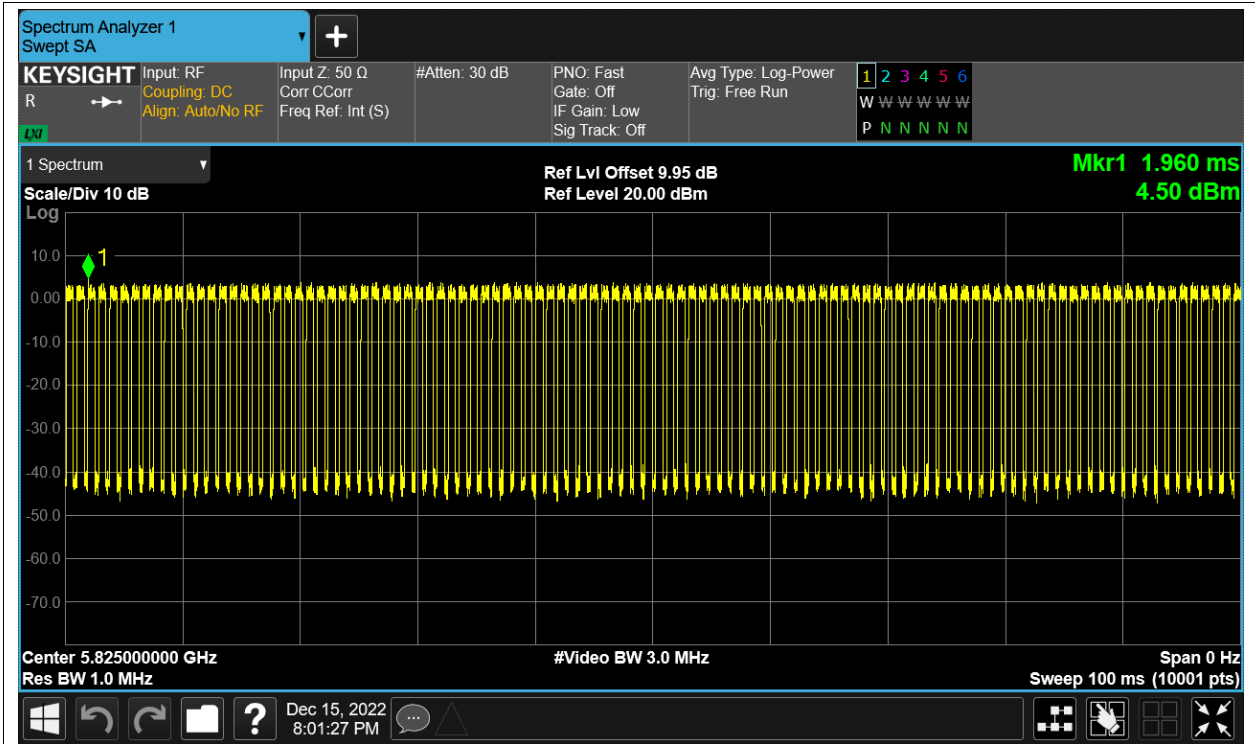


Duty Cycle NVNT ac20 5785MHz Sum

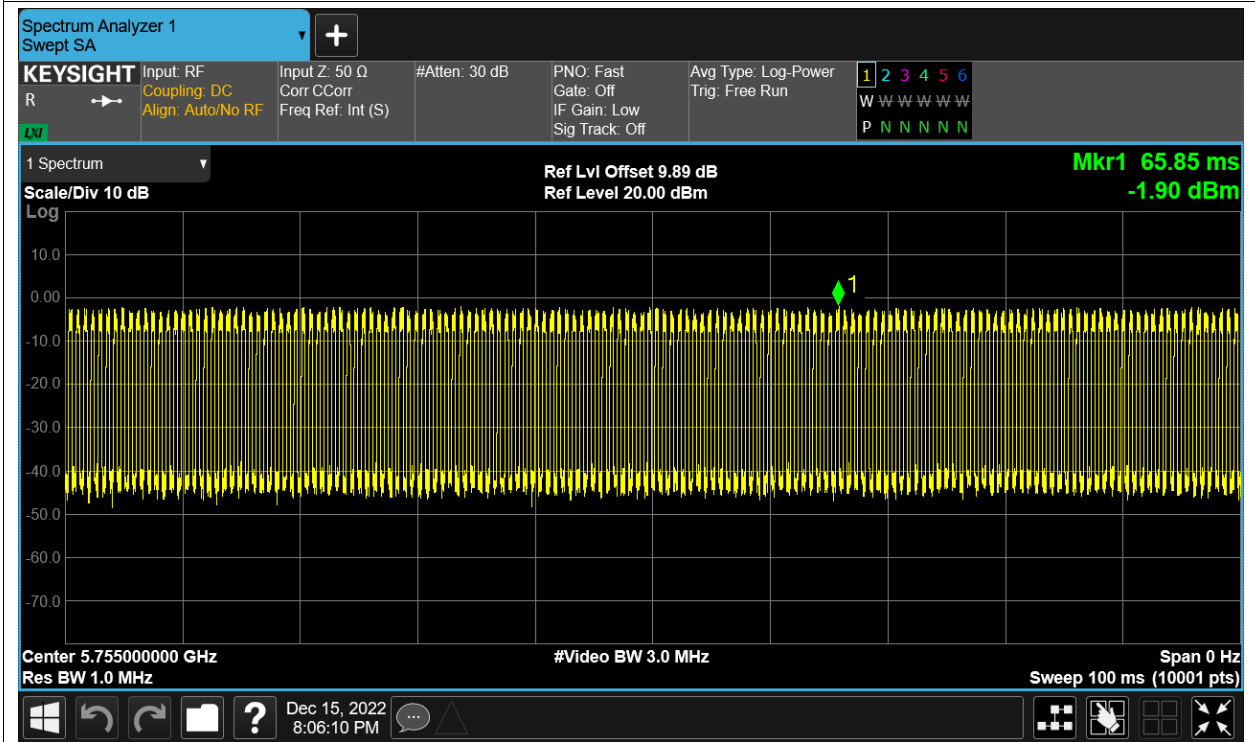


Duty Cycle NVNT ac20 5825MHz Sum

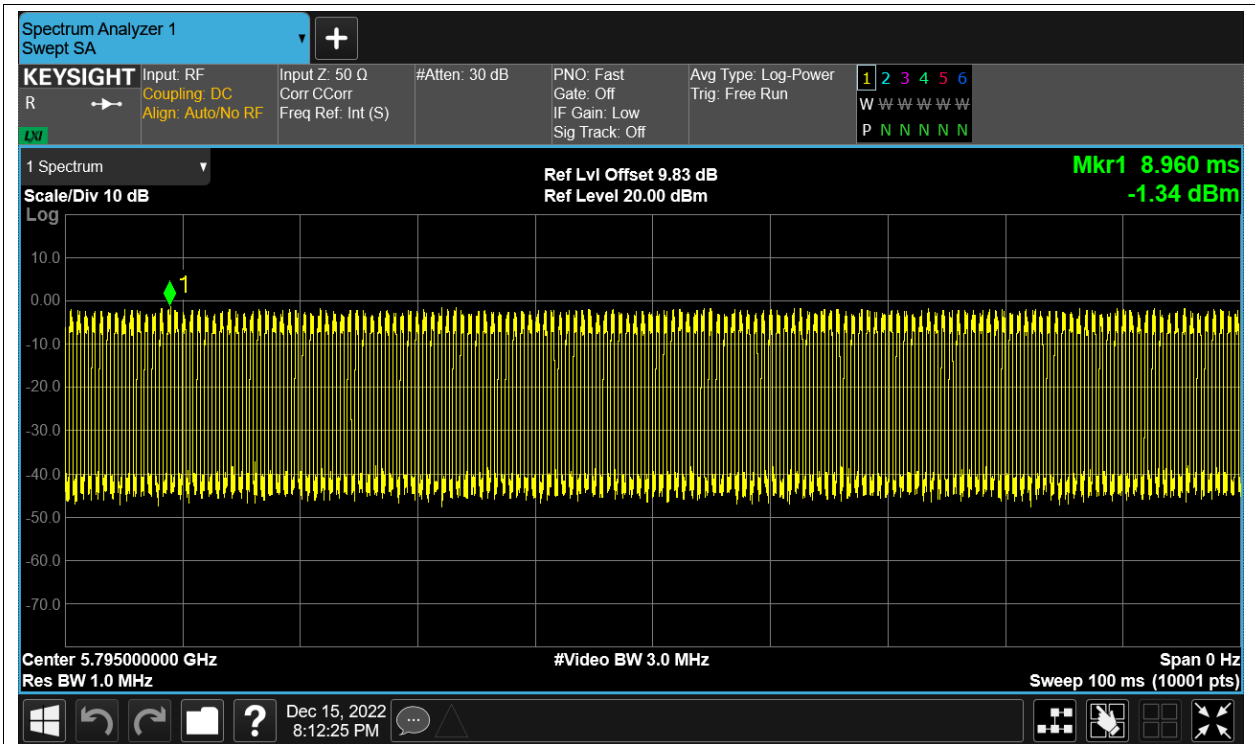




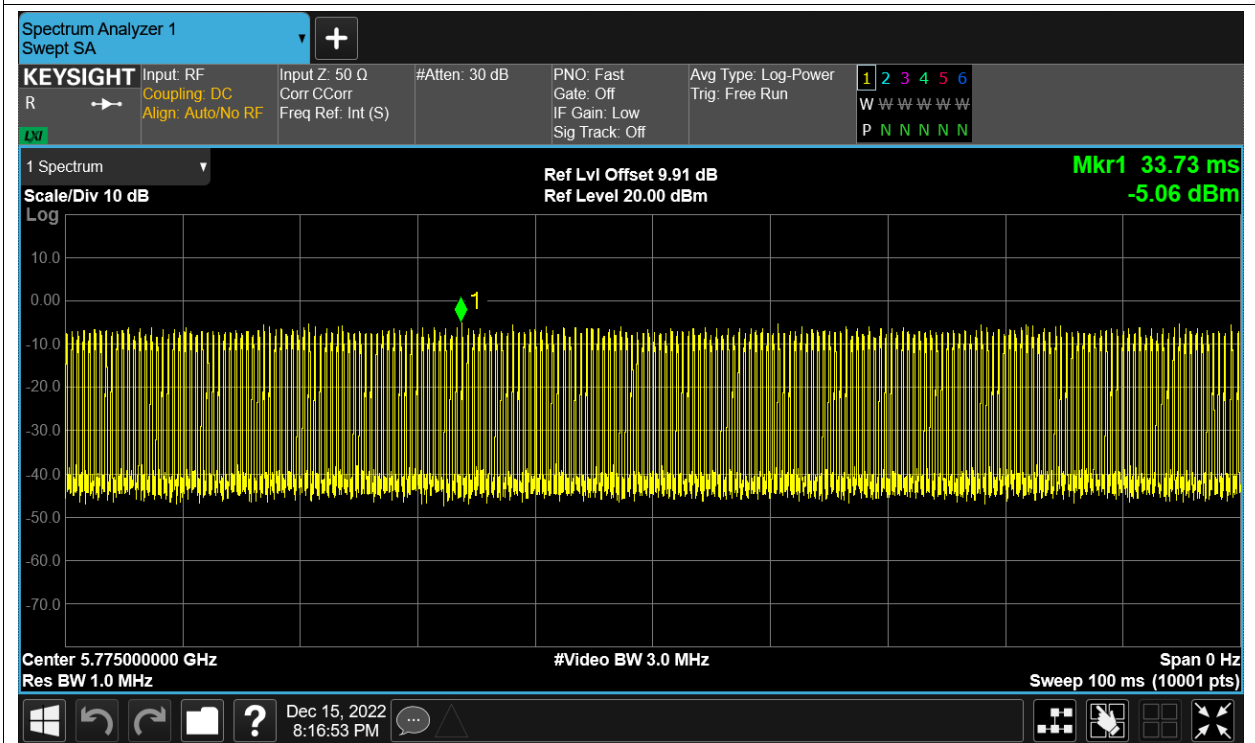
Duty Cycle NVNT ac40 5755MHz Sum



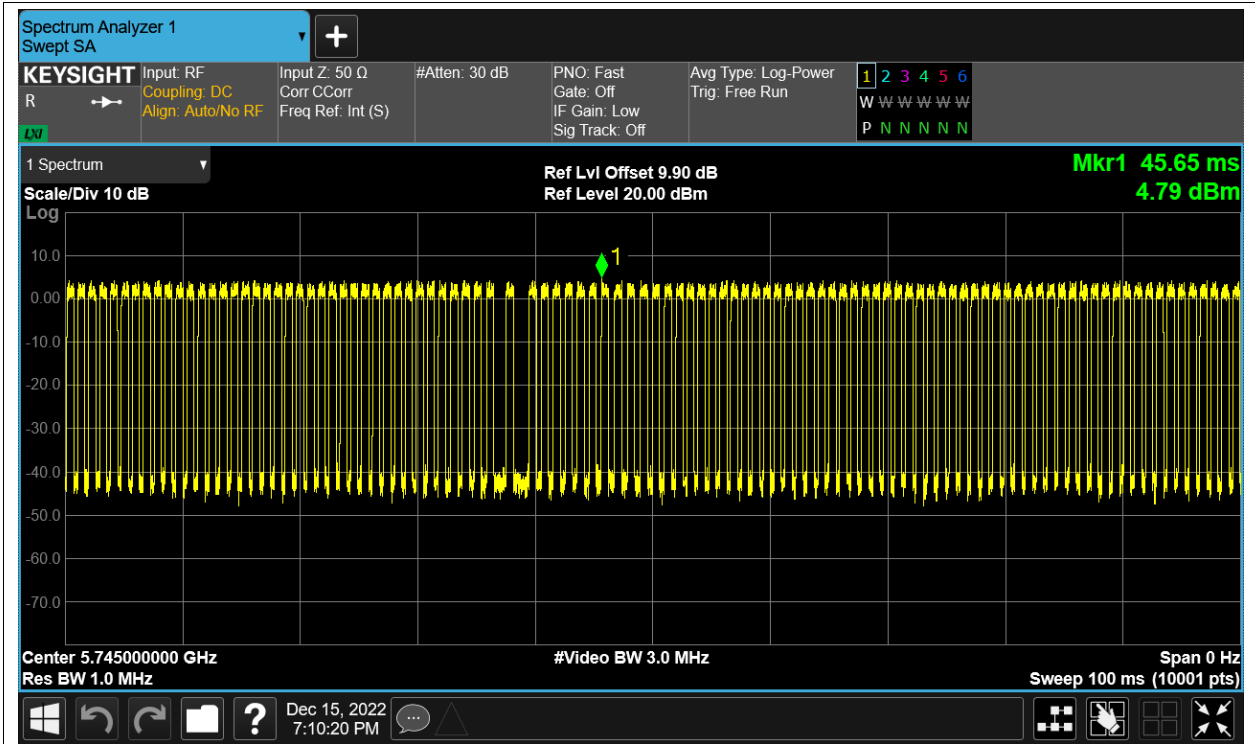
Duty Cycle NVNT ac40 5795MHz Sum



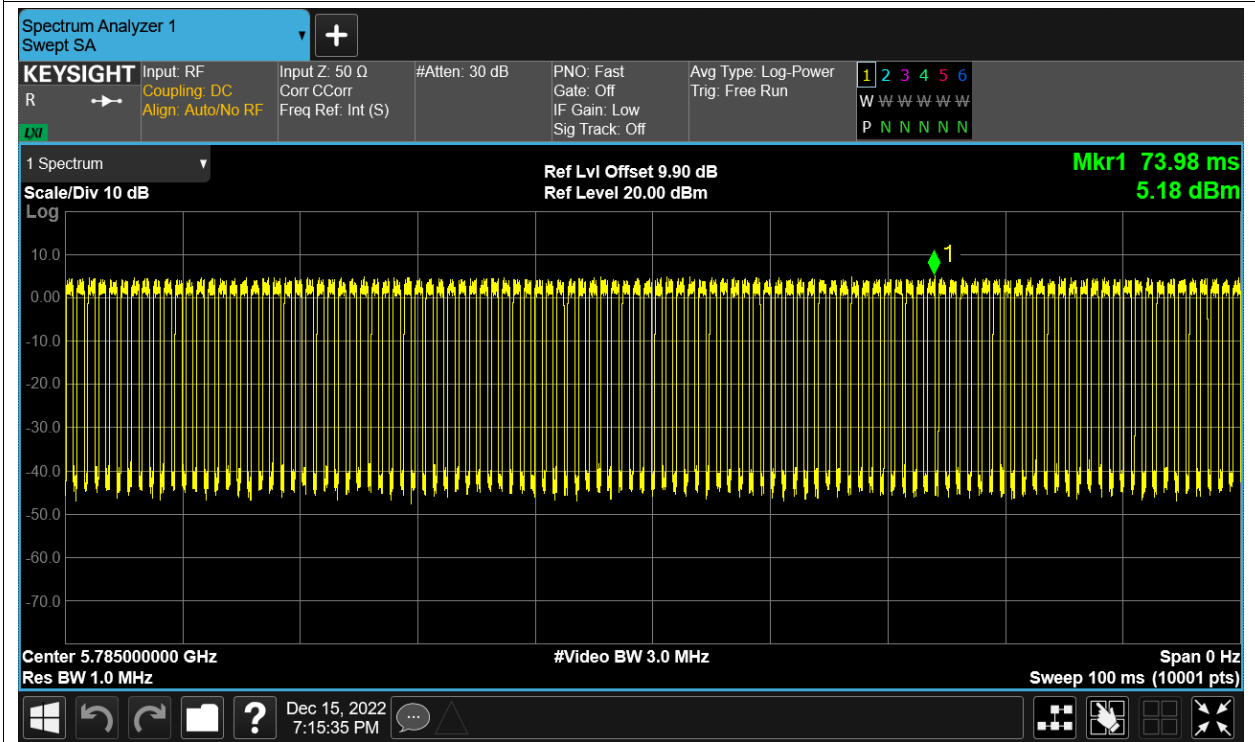
Duty Cycle NVNT ac80 5775MHz Sum



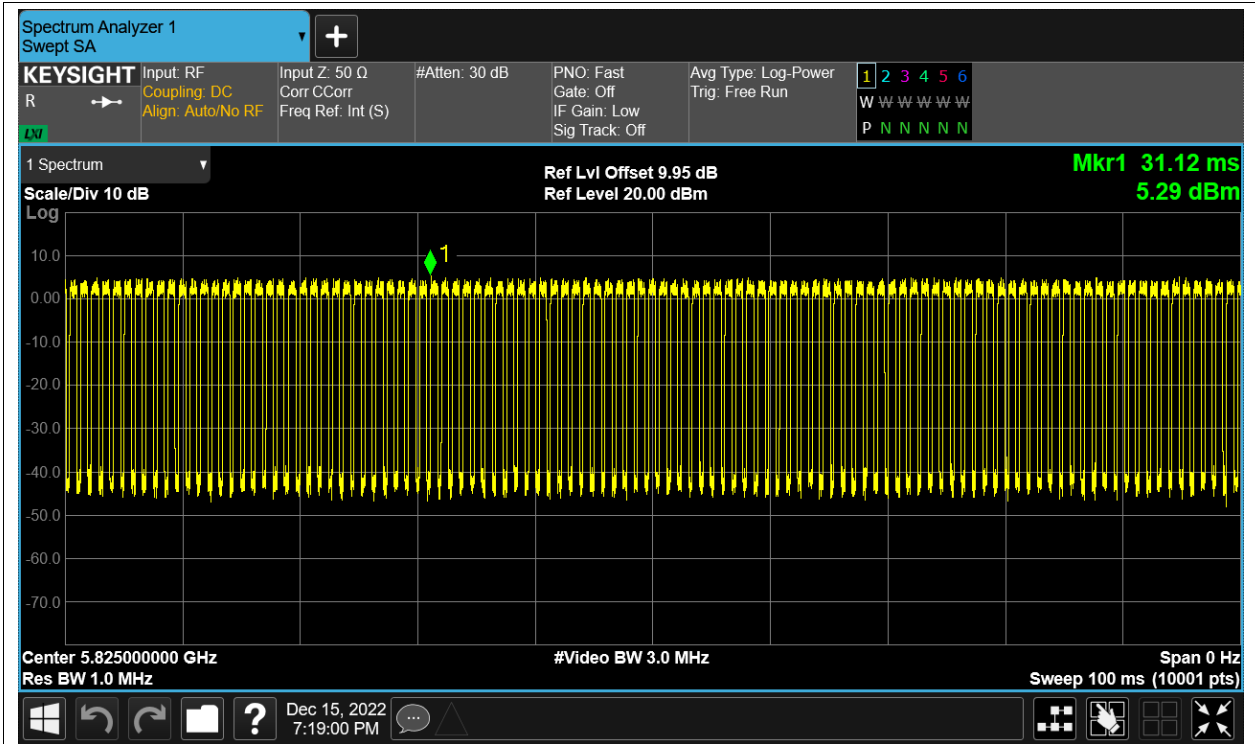
Duty Cycle NVNT n20 5745MHz Sum



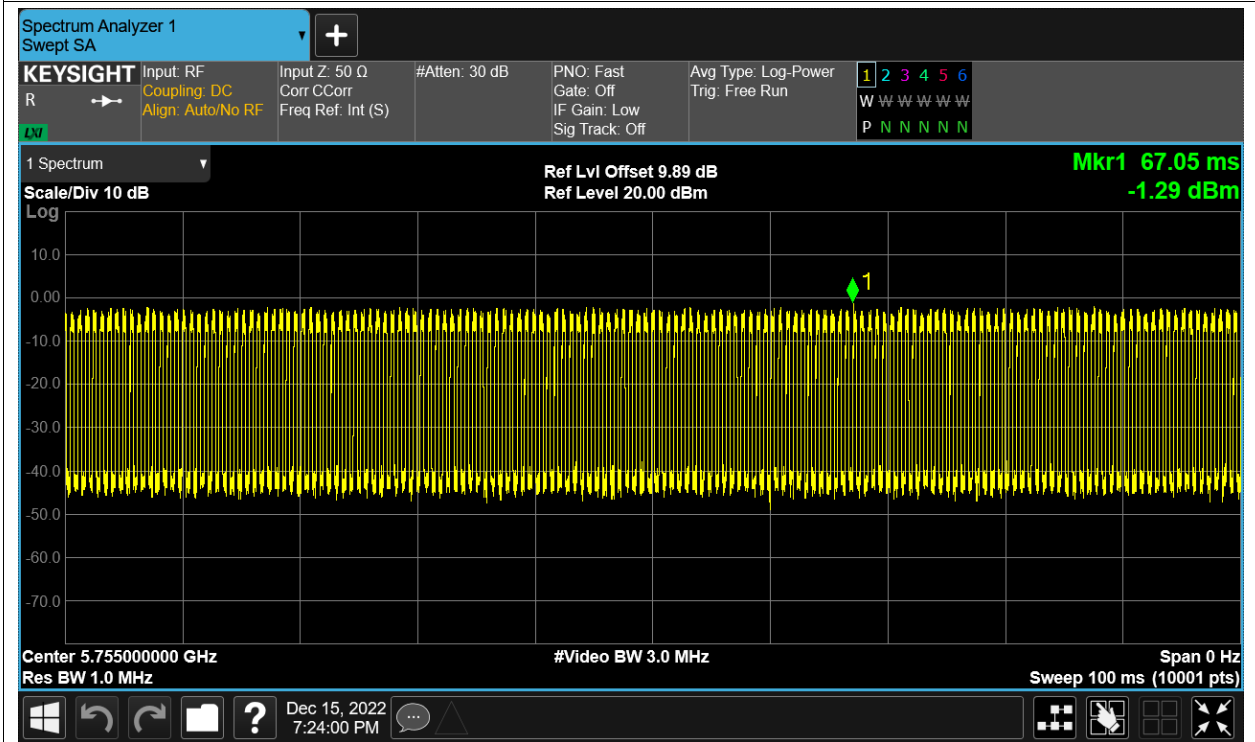
Duty Cycle NVNT n20 5785MHz Sum



Duty Cycle NVNT n20 5825MHz Sum



Duty Cycle NVNT n40 5755MHz Sum



Duty Cycle NVNT n40 5795MHz Sum



## Maximum Conducted Output Power

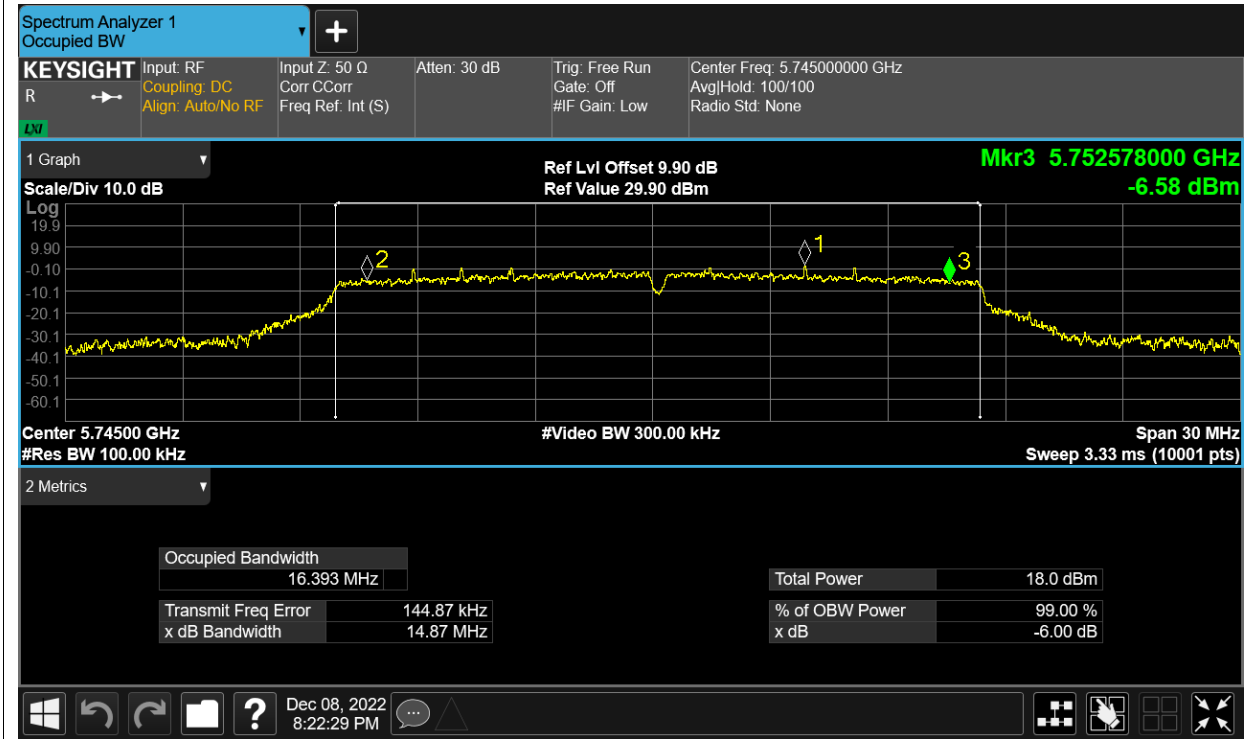
Condition	Mode	Frequency (MHz)	Antenna	Conducted Power (dBm)	Duty Factor (dB)	Total Power (dBm)	Limit (dBm)	Verdict
NVNT	a	5745	Ant1	12.9	0.79	13.69	26.99	Pass
NVNT	a	5785	Ant1	13.5	0.79	14.29	26.99	Pass
NVNT	a	5825	Ant1	13.76	0.83	14.59	26.99	Pass
NVNT	a	5785	Ant2	13.8	0.88	14.68	26.99	Pass
NVNT	a	5825	Ant2	14.27	0.87	15.14	26.99	Pass
NVNT	ac20	5745	Ant1	7.9	1.75	9.65	26.99	Pass
NVNT	ac20	5745	Ant2	8.58	1.75	10.33	26.99	Pass
NVNT	ac20	5745	Sum	11.264	1.75	13.014	26.99	Pass
NVNT	ac20	5785	Ant1	8.39	1.62	10.01	26.99	Pass
NVNT	ac20	5785	Ant2	8.92	1.62	10.54	26.99	Pass
NVNT	ac20	5785	Sum	11.673	1.62	13.293	26.99	Pass
NVNT	ac20	5825	Ant1	8.78	1.61	10.39	26.99	Pass
NVNT	ac20	5825	Ant2	9.16	1.61	10.77	26.99	Pass
NVNT	ac20	5825	Sum	11.984	1.61	13.594	26.99	Pass
NVNT	ac40	5755	Ant1	7.61	2.74	10.35	26.99	Pass
NVNT	ac40	5755	Ant2	8.18	2.74	10.92	26.99	Pass
NVNT	ac40	5755	Sum	10.915	2.74	13.655	26.99	Pass
NVNT	ac40	5795	Ant1	8.2	2.76	10.96	26.99	Pass
NVNT	ac40	5795	Ant2	8.45	2.76	11.21	26.99	Pass
NVNT	ac40	5795	Sum	11.337	2.76	14.097	26.99	Pass
NVNT	ac80	5775	Ant1	6.73	3.93	10.66	26.99	Pass
NVNT	ac80	5775	Ant2	7.27	3.93	11.2	26.99	Pass
NVNT	ac80	5775	Sum	10.019	3.93	13.949	26.99	Pass
NVNT	n20	5745	Ant1	8.95	1.81	10.76	26.99	Pass
NVNT	n20	5745	Ant2	9.58	1.81	11.39	26.99	Pass
NVNT	n20	5745	Sum	12.287	1.81	14.097	26.99	Pass
NVNT	n20	5785	Ant1	9.53	1.63	11.16	26.99	Pass
NVNT	n20	5785	Ant2	9.82	1.63	11.45	26.99	Pass
NVNT	n20	5785	Sum	12.688	1.63	14.318	26.99	Pass
NVNT	n20	5825	Ant1	9.79	1.66	11.45	26.99	Pass
NVNT	n20	5825	Ant2	10.28	1.66	11.94	26.99	Pass
NVNT	n20	5825	Sum	13.052	1.66	14.712	26.99	Pass
NVNT	n40	5755	Ant1	7.61	2.77	10.38	26.99	Pass
NVNT	n40	5755	Ant2	8.24	2.77	11.01	26.99	Pass
NVNT	n40	5755	Sum	10.947	2.77	13.717	26.99	Pass
NVNT	n40	5795	Ant1	8.22	2.76	10.98	26.99	Pass
NVNT	n40	5795	Ant2	8.47	2.76	11.23	26.99	Pass
NVNT	n40	5795	Sum	11.357	2.76	14.117	26.99	Pass

## -6dB Bandwidth

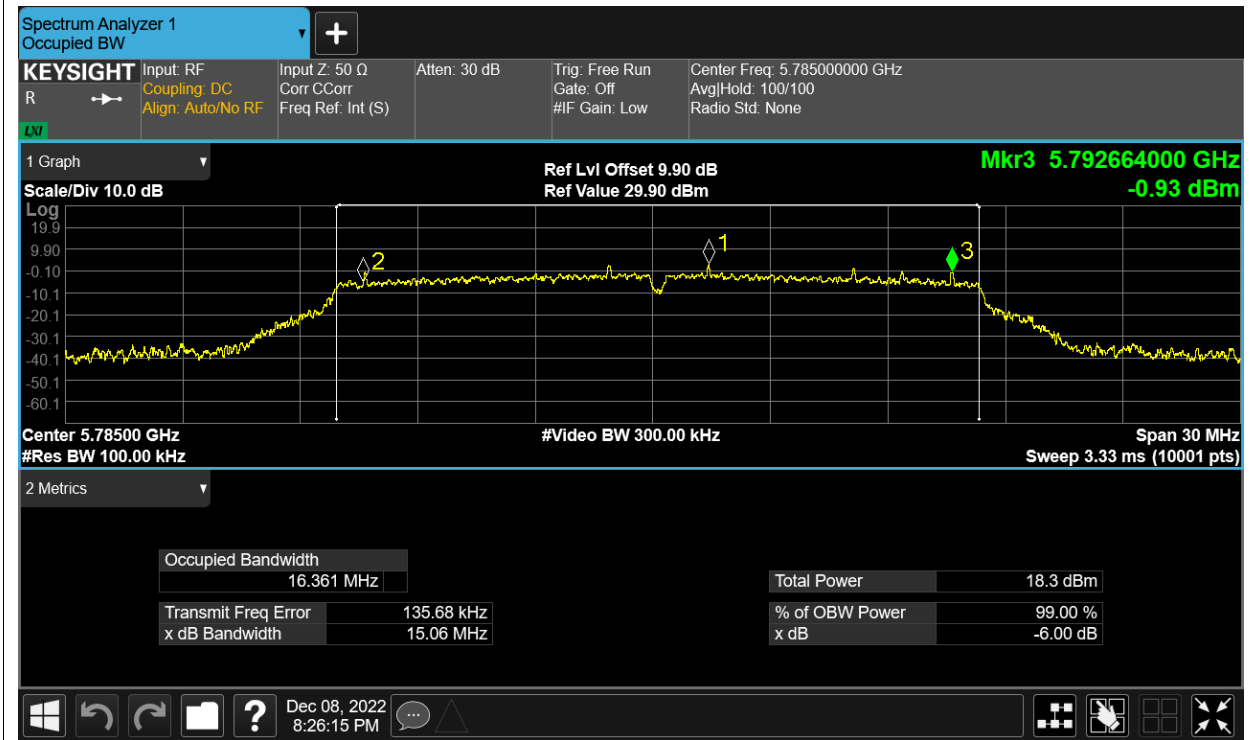
Condition	Mode	Frequency (MHz)	Antenna	-6 dB Bandwidth (MHz)	limit	Verdic
NVNT	a	5745	Ant1	14.867	0.5	Pass
NVNT	a	5785	Ant1	15.056	0.5	Pass
NVNT	a	5825	Ant1	15.049	0.5	Pass
NVNT	a	5745	Ant2	16.292	0.5	Pass
NVNT	a	5785	Ant2	13.166	0.5	Pass
NVNT	a	5825	Ant2	15.072	0.5	Pass
NVNT	ac20	5745	Ant1	15.1	0.5	Pass
NVNT	ac20	5745	Ant2	15.004	0.5	Pass
NVNT	ac20	5785	Ant1	13.832	0.5	Pass
NVNT	ac20	5785	Ant2	15.103	0.5	Pass
NVNT	ac20	5825	Ant1	15.009	0.5	Pass
NVNT	ac20	5825	Ant2	15.094	0.5	Pass
NVNT	ac40	5755	Ant1	35.114	0.5	Pass
NVNT	ac40	5755	Ant2	35.044	0.5	Pass
NVNT	ac40	5795	Ant1	35.052	0.5	Pass
NVNT	ac40	5795	Ant2	33.82	0.5	Pass
NVNT	ac80	5775	Ant1	75.109	0.5	Pass
NVNT	ac80	5775	Ant2	75.055	0.5	Pass
NVNT	n20	5745	Ant1	15.078	0.5	Pass
NVNT	n20	5745	Ant2	14.934	0.5	Pass
NVNT	n20	5785	Ant1	13.81	0.5	Pass
NVNT	n20	5785	Ant2	13.858	0.5	Pass
NVNT	n20	5825	Ant1	15.114	0.5	Pass
NVNT	n20	5825	Ant2	15.083	0.5	Pass
NVNT	n40	5755	Ant1	35.019	0.5	Pass
NVNT	n40	5755	Ant2	33.735	0.5	Pass
NVNT	n40	5795	Ant1	33.835	0.5	Pass
NVNT	n40	5795	Ant2	35.047	0.5	Pass

Test Graphs

-6dB Bandwidth NVNT a 5745MHz Ant1



-6dB Bandwidth NVNT a 5785MHz Ant1



-6dB Bandwidth NVNT a 5825MHz Ant1





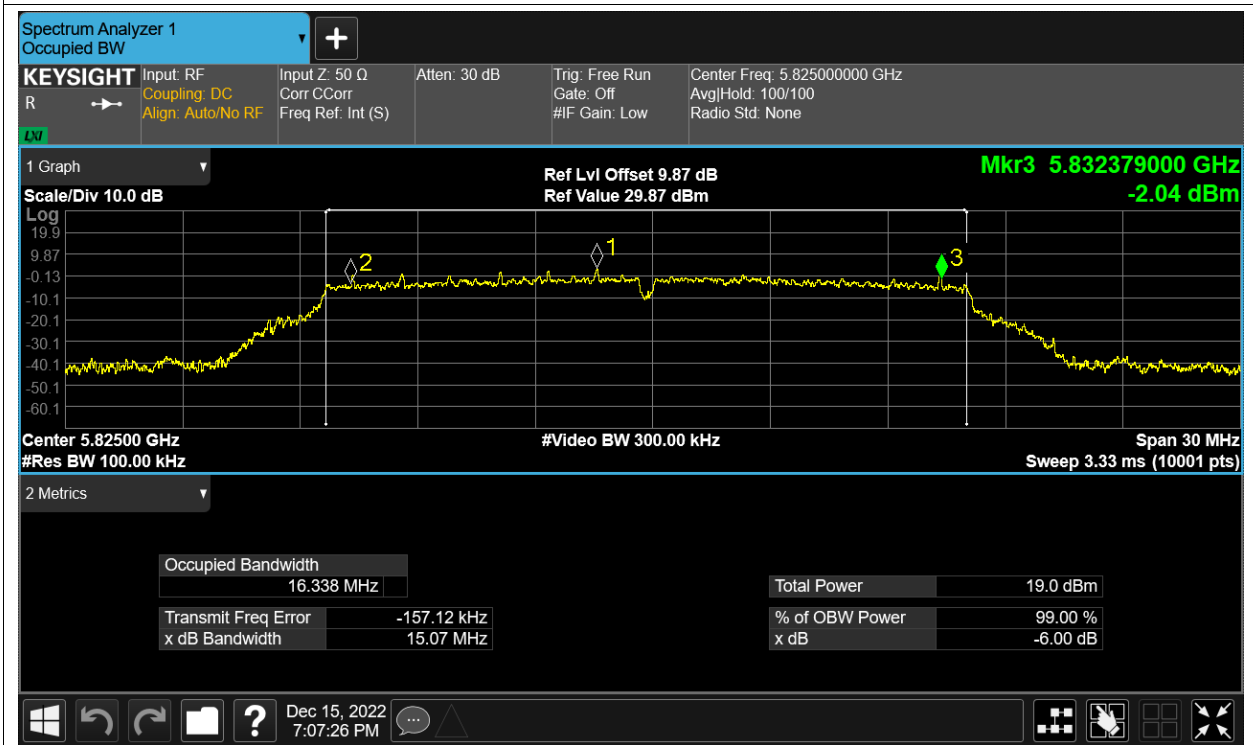
-6dB Bandwidth NVNT a 5745MHz Ant2



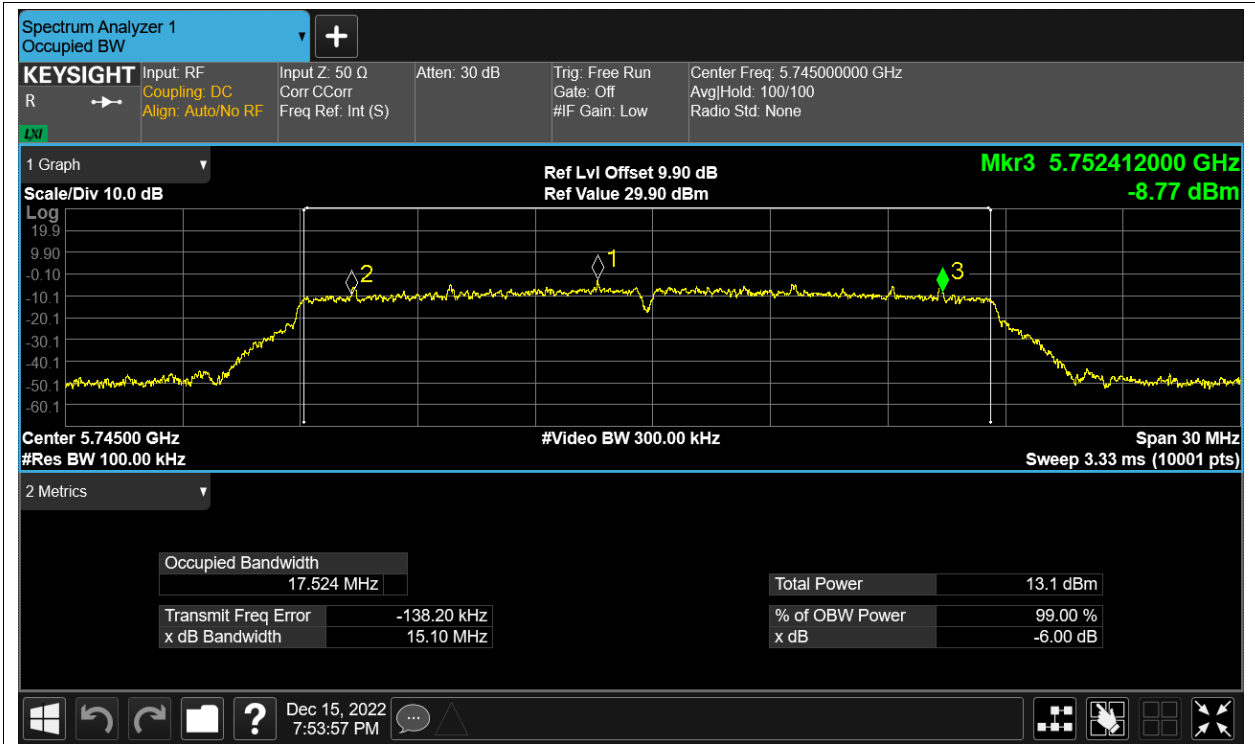
-6dB Bandwidth NVNT a 5785MHz Ant2



-6dB Bandwidth NVNT a 5825MHz Ant2



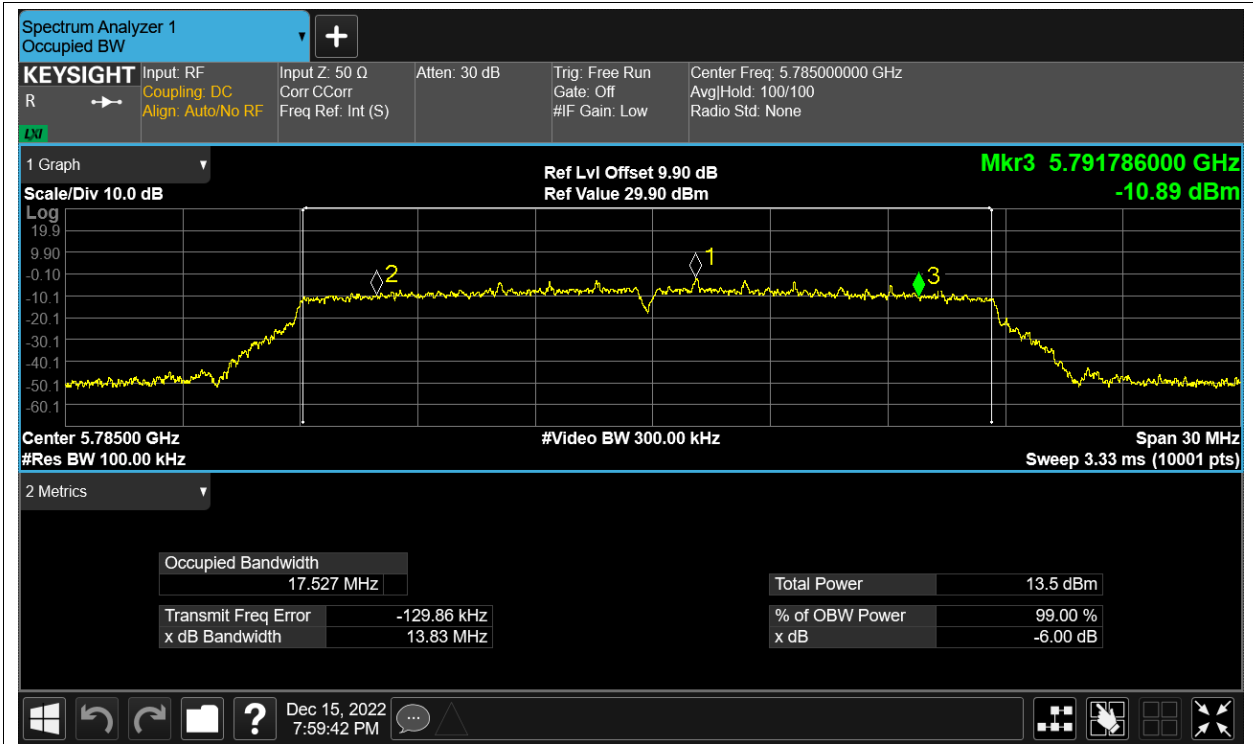
-6dB Bandwidth NVNT ac20 5745MHz Ant1



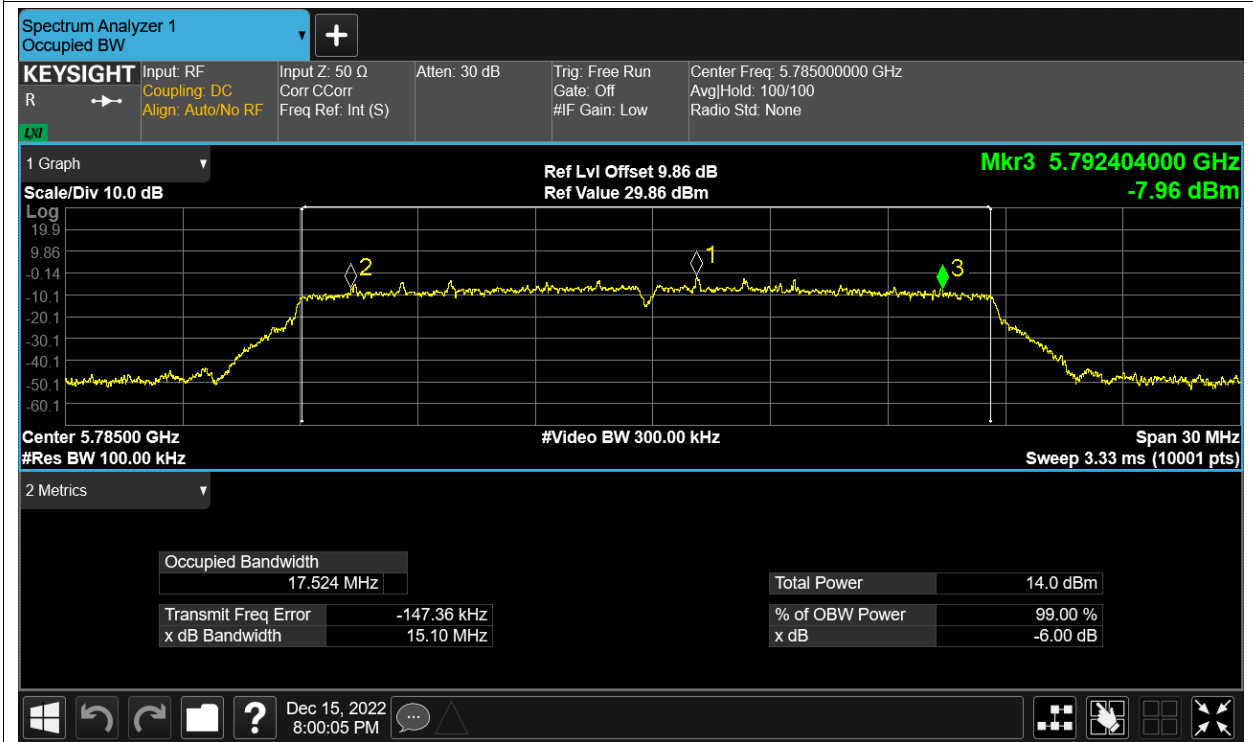
-6dB Bandwidth NVNT ac20 5745MHz Ant2



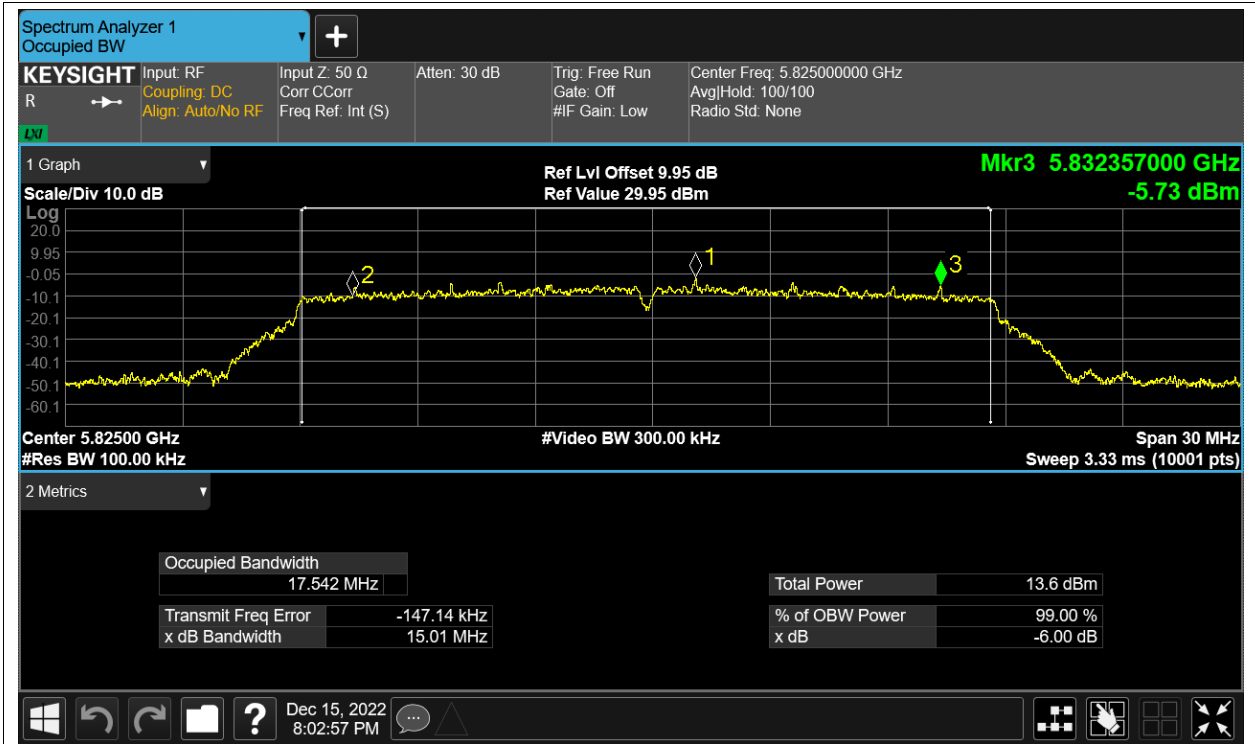
-6dB Bandwidth NVNT ac20 5785MHz Ant1



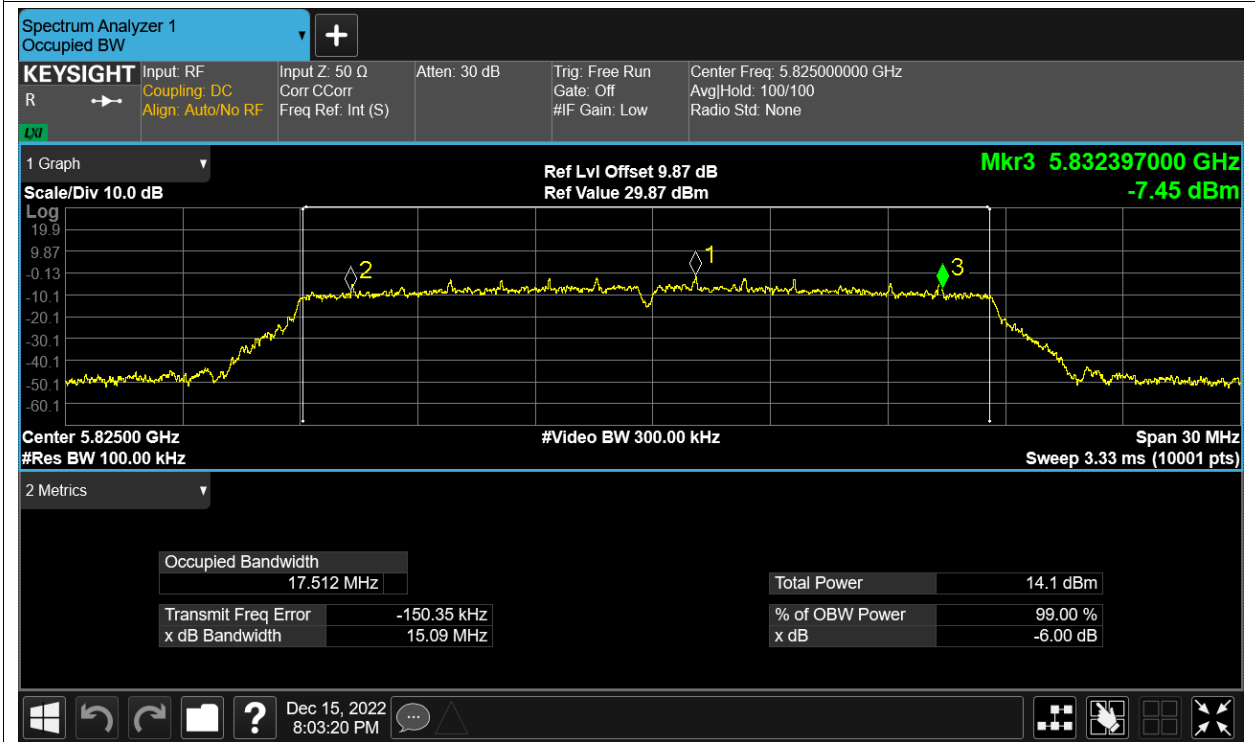
-6dB Bandwidth NVNT ac20 5785MHz Ant2



-6dB Bandwidth NVNT ac20 5825MHz Ant1



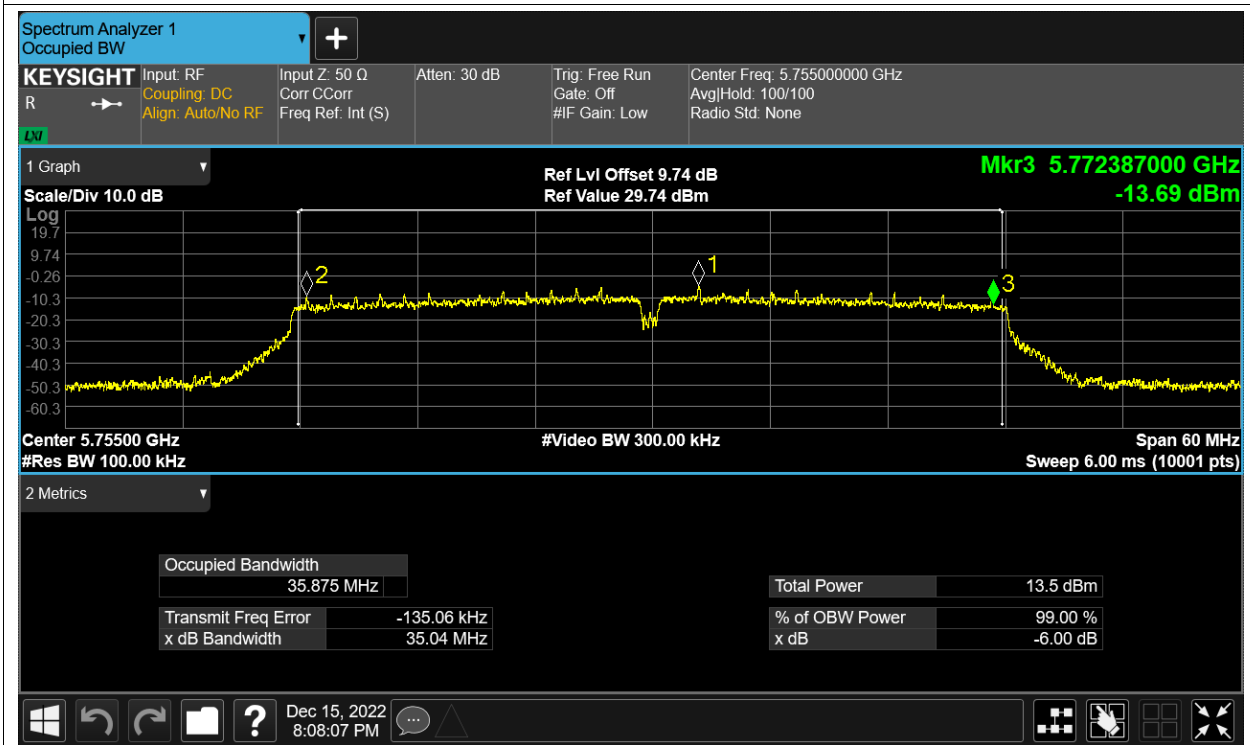
-6dB Bandwidth NVNT ac20 5825MHz Ant2



-6dB Bandwidth NVNT ac40 5755MHz Ant1



-6dB Bandwidth NVNT ac40 5755MHz Ant2



-6dB Bandwidth NVNT ac40 5795MHz Ant1