

Test Data

Frequency Stability

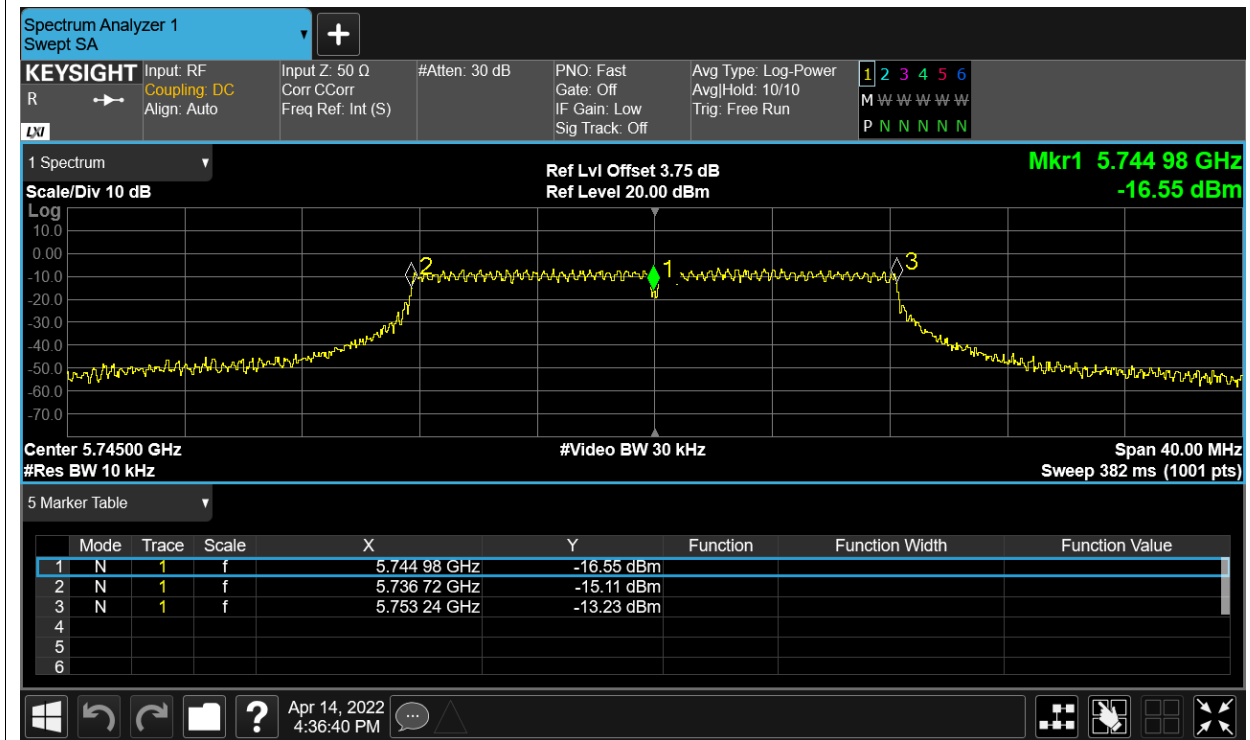
Condition	Mode	Frequency (MHz)	Antenna	Measured Frequency (MHz)	Deviation (ppm)	Limit (ppm)	Verdict
HVNT	a	5745	Ant1	5744.98	-3.48	Within authorized band	Pass
HVNT	a	5745	Ant2	5744.98	-3.48		Pass
LVNT	a	5745	Ant1	5744.98	-3.48		Pass
LVNT	a	5745	Ant2	5745	0		Pass
NVHT	a	5745	Ant1	5744.98	-3.48		Pass
NVHT	a	5745	Ant2	5744.98	-3.48		Pass
NVLT	a	5745	Ant1	5744.98	-3.48		Pass
NVLT	a	5745	Ant2	5744.98	-3.48		Pass
NVNT	a	5745	Ant1	5744.98	-3.48		Pass
NVNT	a	5745	Ant2	5744.98	-3.48		Pass
HVNT	ac20	5745	Sum	5745	0		Pass
LVNT	ac20	5745	Sum	5745	0		Pass
NVHT	ac20	5745	Sum	5745	0		Pass
NVLT	ac20	5745	Sum	5745.02	3.48		Pass
NVNT	ac20	5745	Sum	5745	0		Pass
HVNT	ac40	5755	Sum	5754.96	-6.95		Pass
LVNT	ac40	5755	Sum	5755	0		Pass
NVHT	ac40	5755	Sum	5755	0		Pass
NVLT	ac40	5755	Sum	5755	0		Pass
NVNT	ac40	5755	Sum	5755	0		Pass
HVNT	ac80	5775	Sum	5775	0		Pass
LVNT	ac80	5775	Sum	5775	0		Pass
NVHT	ac80	5775	Sum	5775	0		Pass
NVLT	ac80	5775	Sum	5775	0		Pass
NVNT	ac80	5775	Sum	5775	0		Pass
HVNT	ax20	5745	Sum	5745	0		Pass
LVNT	ax20	5745	Sum	5744.98	-3.48		Pass
NVHT	ax20	5745	Sum	5744.98	-3.48		Pass
NVLT	ax20	5745	Sum	5744.98	-3.48		Pass
NVNT	ax20	5745	Sum	5745	0		Pass
HVNT	ax40	5755	Sum	5755	0		Pass
LVNT	ax40	5755	Sum	5755	0		Pass
NVHT	ax40	5755	Sum	5755	0		Pass
NVLT	ax40	5755	Sum	5755	0		Pass
NVNT	ax40	5755	Sum	5755	0		Pass
HVNT	ax80	5775	Sum	5775	0		Pass
LVNT	ax80	5775	Sum	5775	0		Pass
NVHT	ax80	5775	Sum	5775	0		Pass
NVLT	ax80	5775	Sum	5775	0		Pass

NVNT	ax80	5775	Sum	5775	0		Pass
HVNT	n20	5745	Sum	5745	0		Pass
LVNT	n20	5745	Sum	5745	0		Pass
NVHT	n20	5745	Sum	5745	0		Pass
NVLT	n20	5745	Sum	5745	0		Pass
NVNT	n20	5745	Sum	5745	0		Pass
HVNT	n40	5755	Sum	5754.96	-6.95		Pass
LVNT	n40	5755	Sum	5755	0		Pass
NVHT	n40	5755	Sum	5755	0		Pass
NVLT	n40	5755	Sum	5755	0		Pass
NVNT	n40	5755	Sum	5755	0		Pass
NVNT	n40	5755	Sum	5755	0		Pass

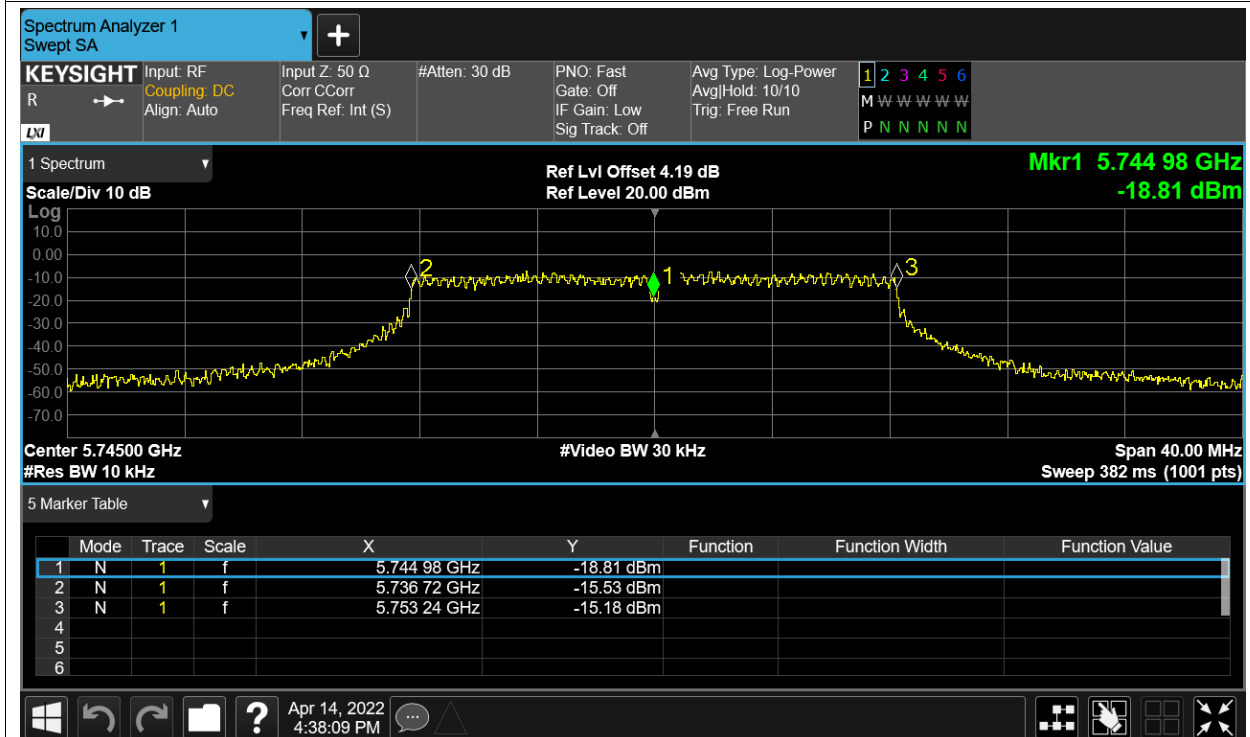
Remark: "NTNV" means Normal Temperature Normal Voltage, "NVHT" means Normal Voltage High Temperature, "NVLT" means Normal Voltage Low Temperature, "LVNT" means Low Voltage Normal Temperature, "HVNT" means High Voltage Normal Temperature.

Test Graphs

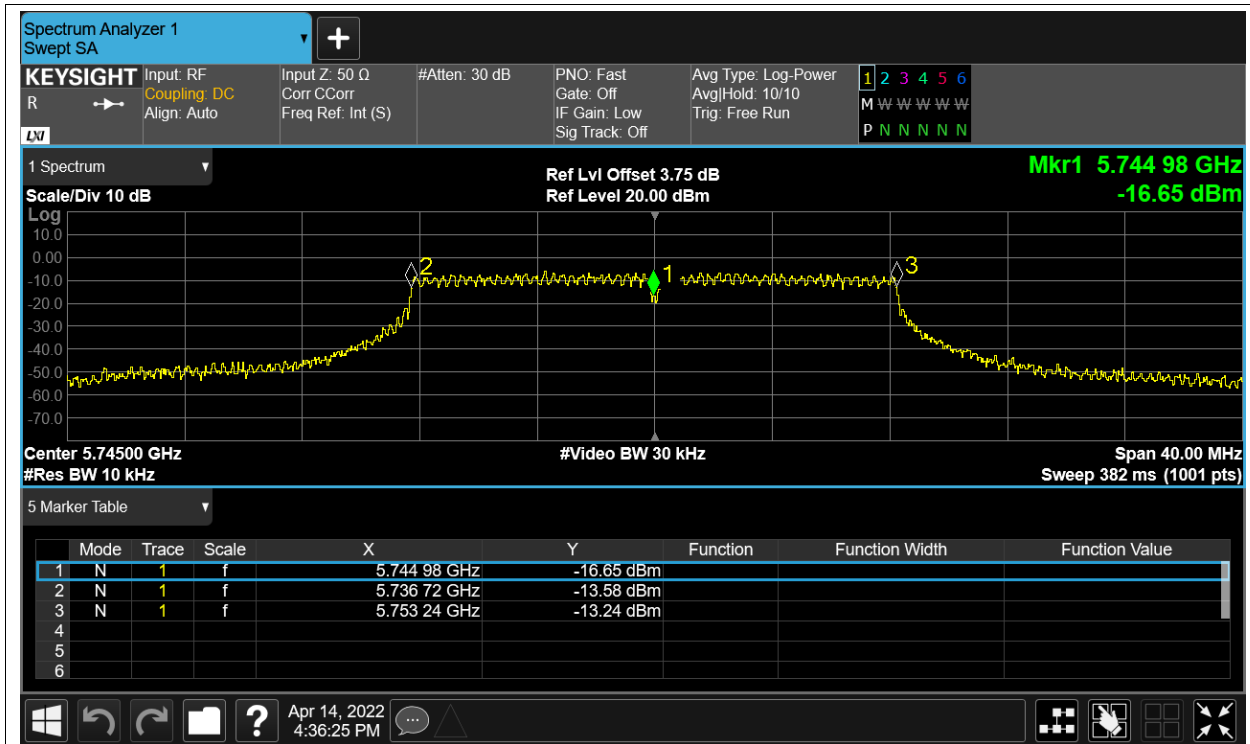
Freq. Stability HVNT a 5745MHz Ant1



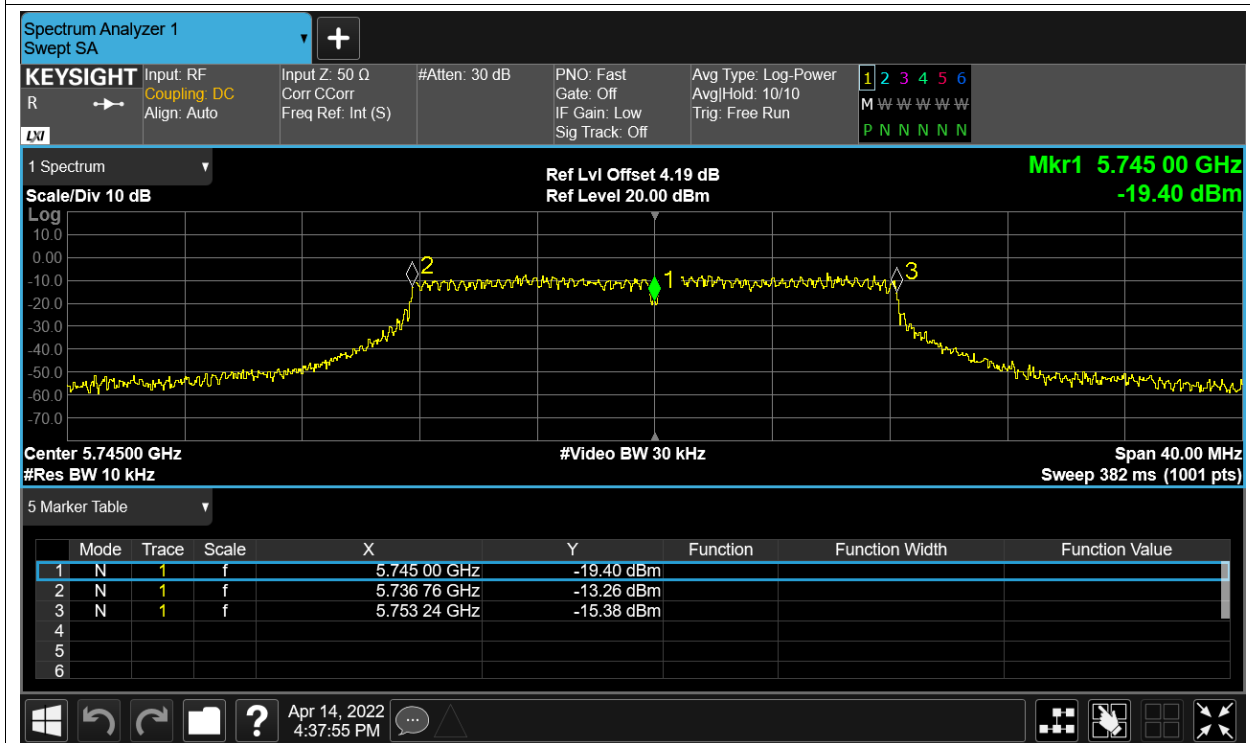
Freq. Stability HVNT a 5745MHz Ant2



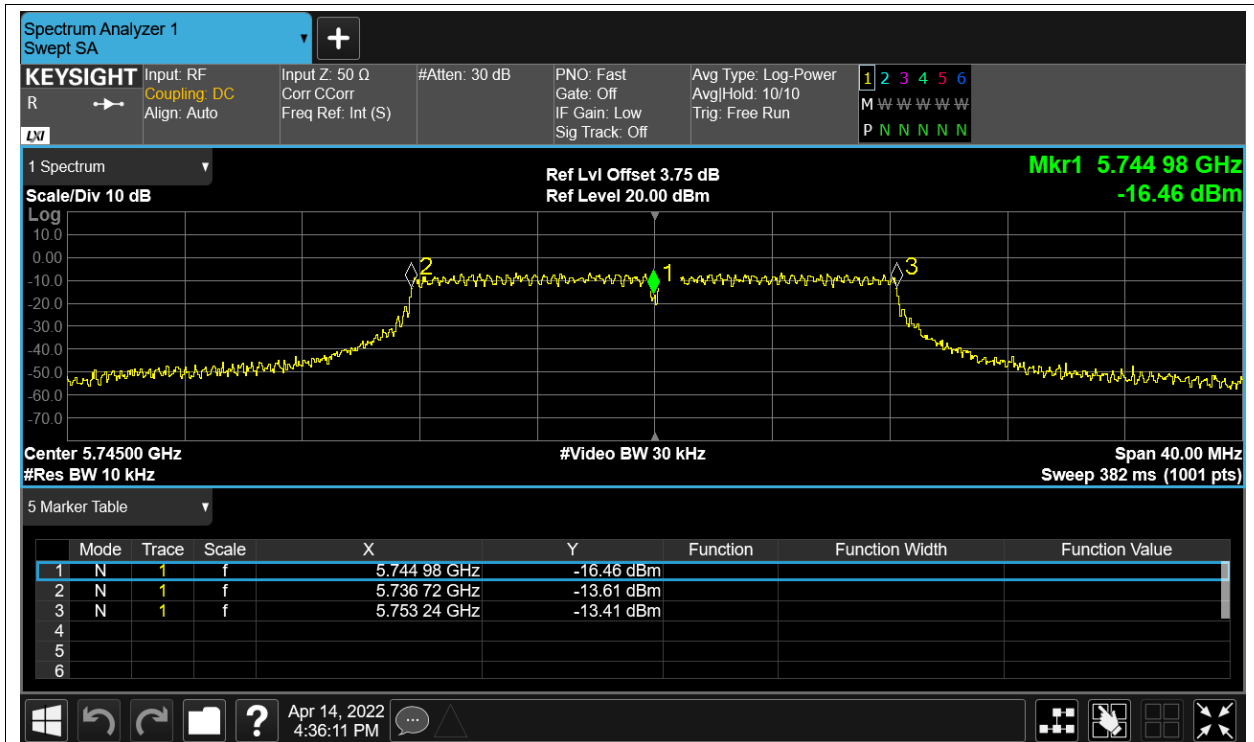
Freq. Stability LVNT a 5745MHz Ant1



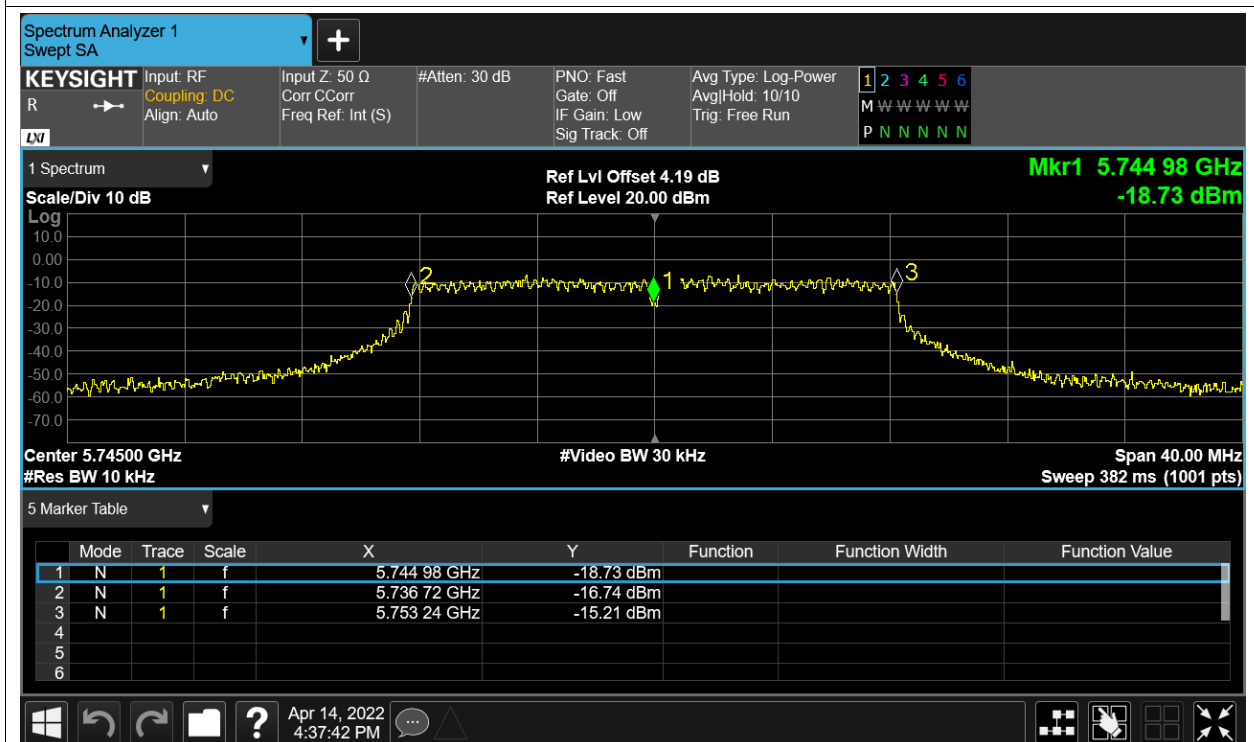
Freq. Stability LVNT a 5745MHz Ant2



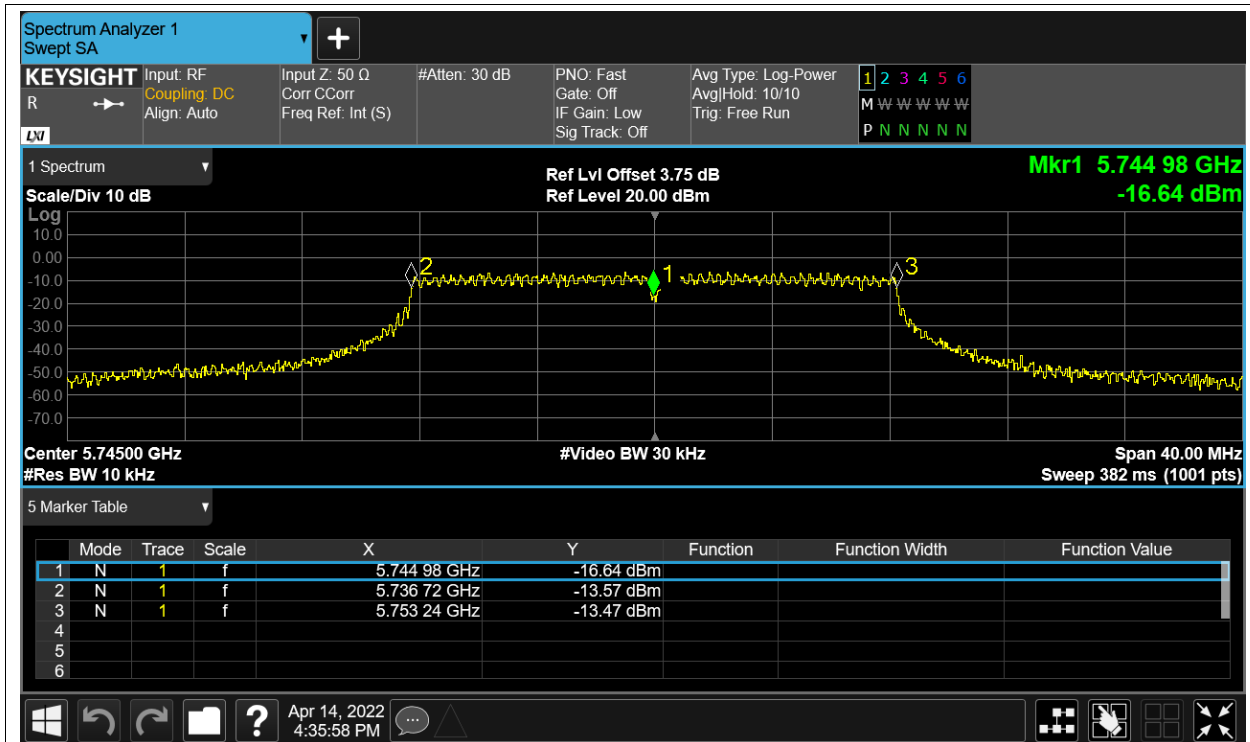
Freq. Stability NVHT a 5745MHz Ant1



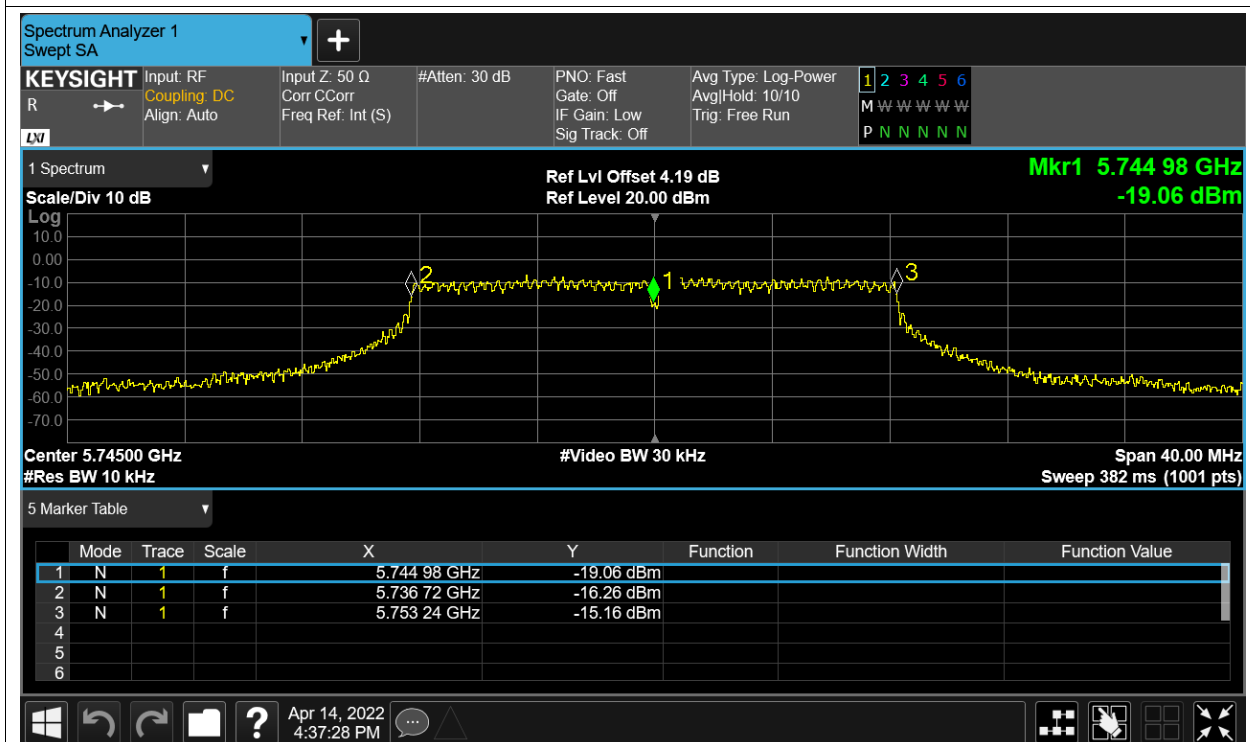
Freq. Stability NVHT a 5745MHz Ant2



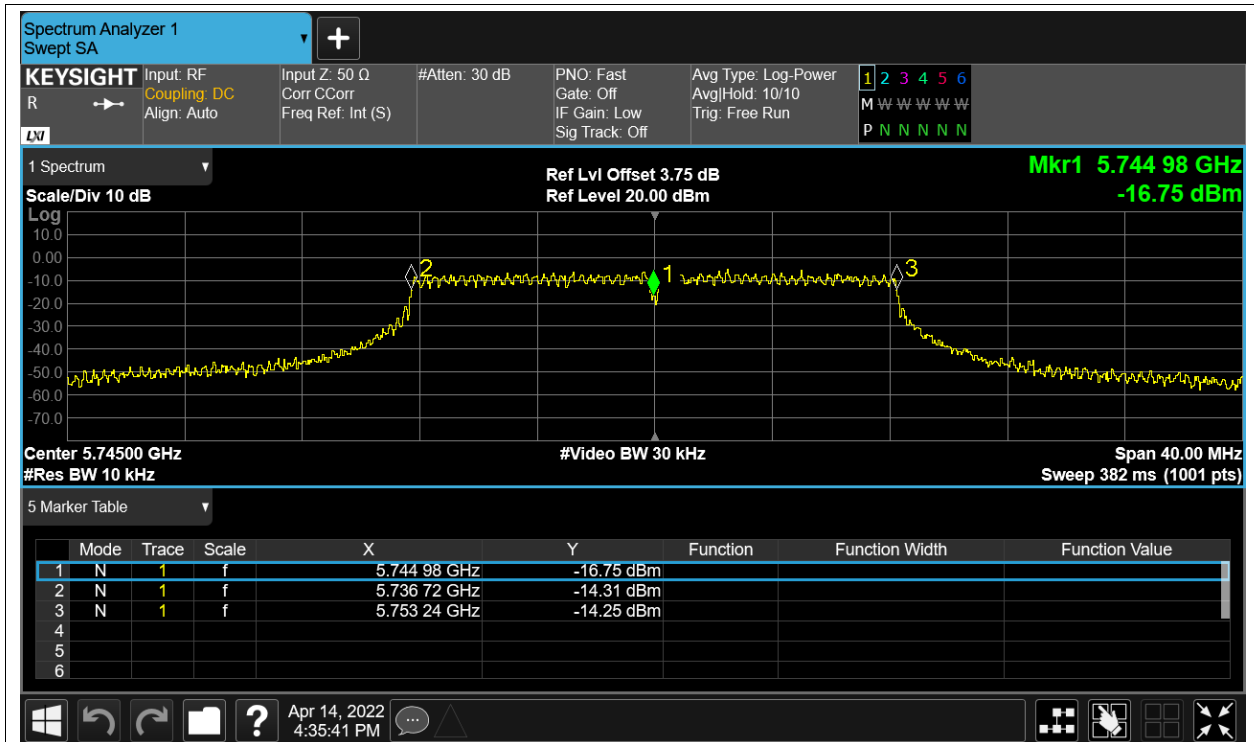
Freq. Stability NVLT a 5745MHz Ant1



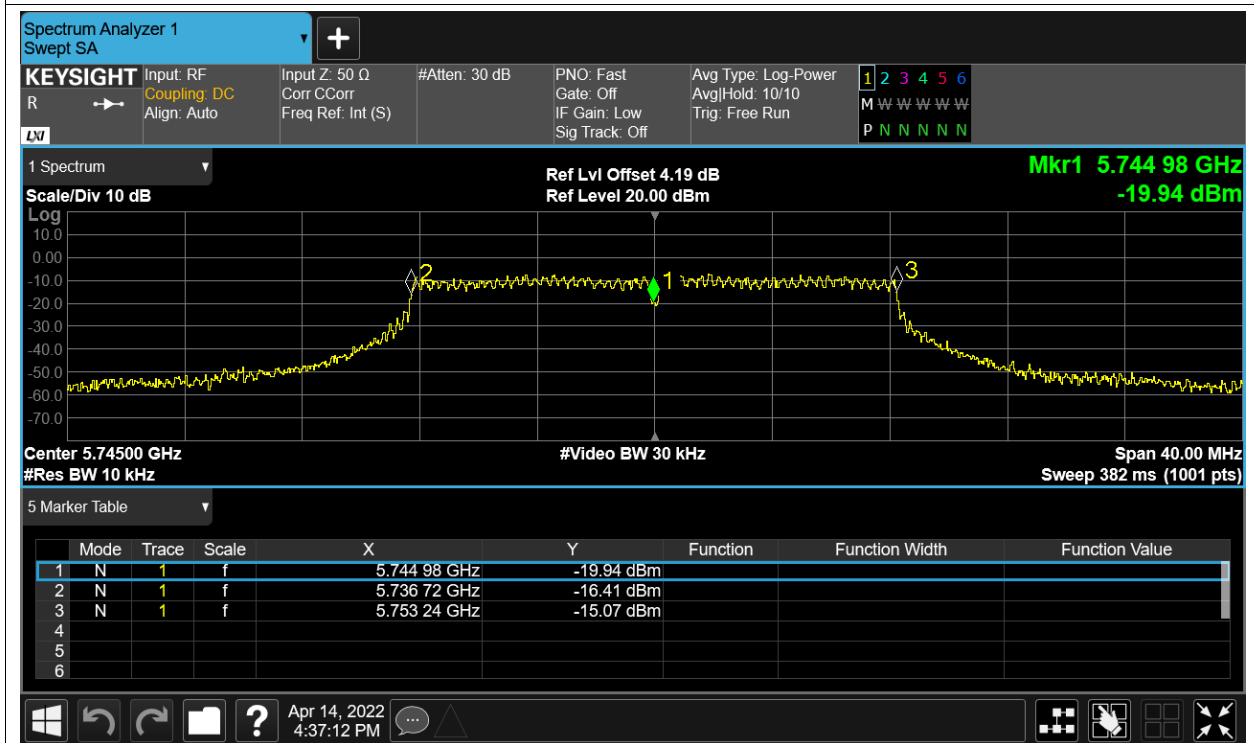
Freq. Stability NVLT a 5745MHz Ant2



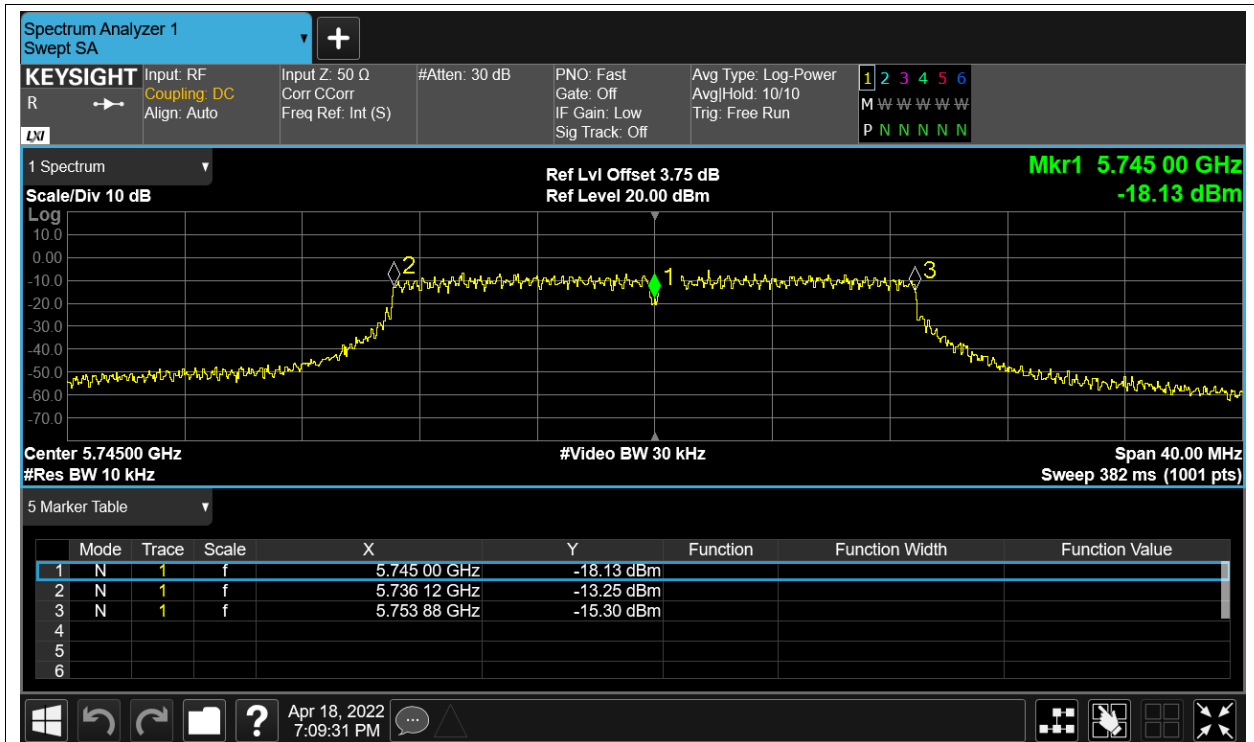
Freq. Stability NVNT a 5745MHz Ant1



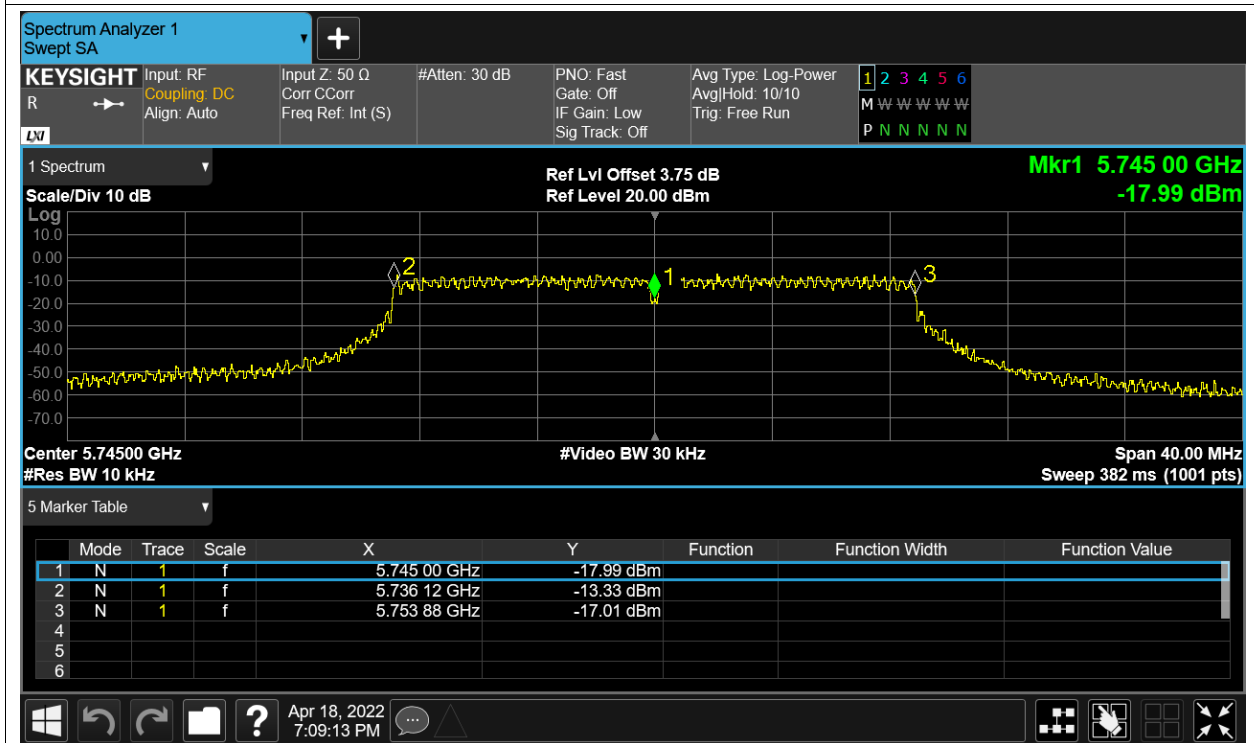
Freq. Stability NVNT a 5745MHz Ant2



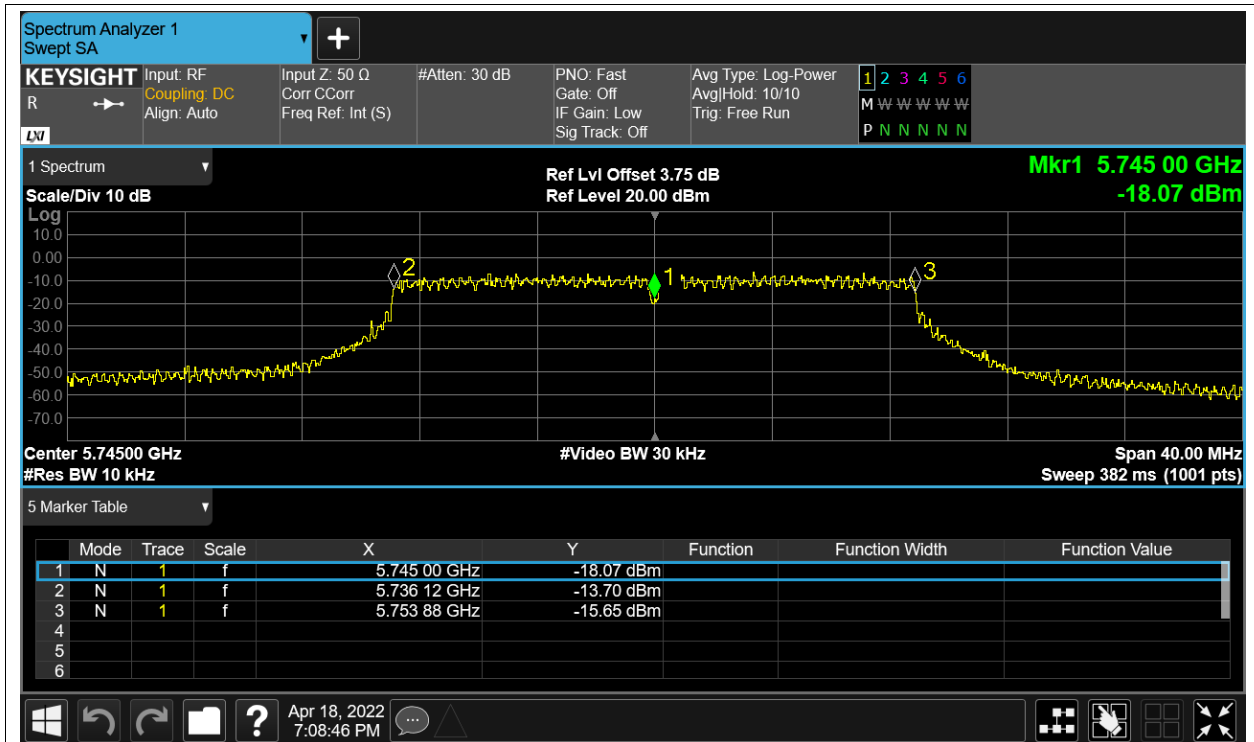
Freq. Stability HVNT ac20 5745MHz Sum



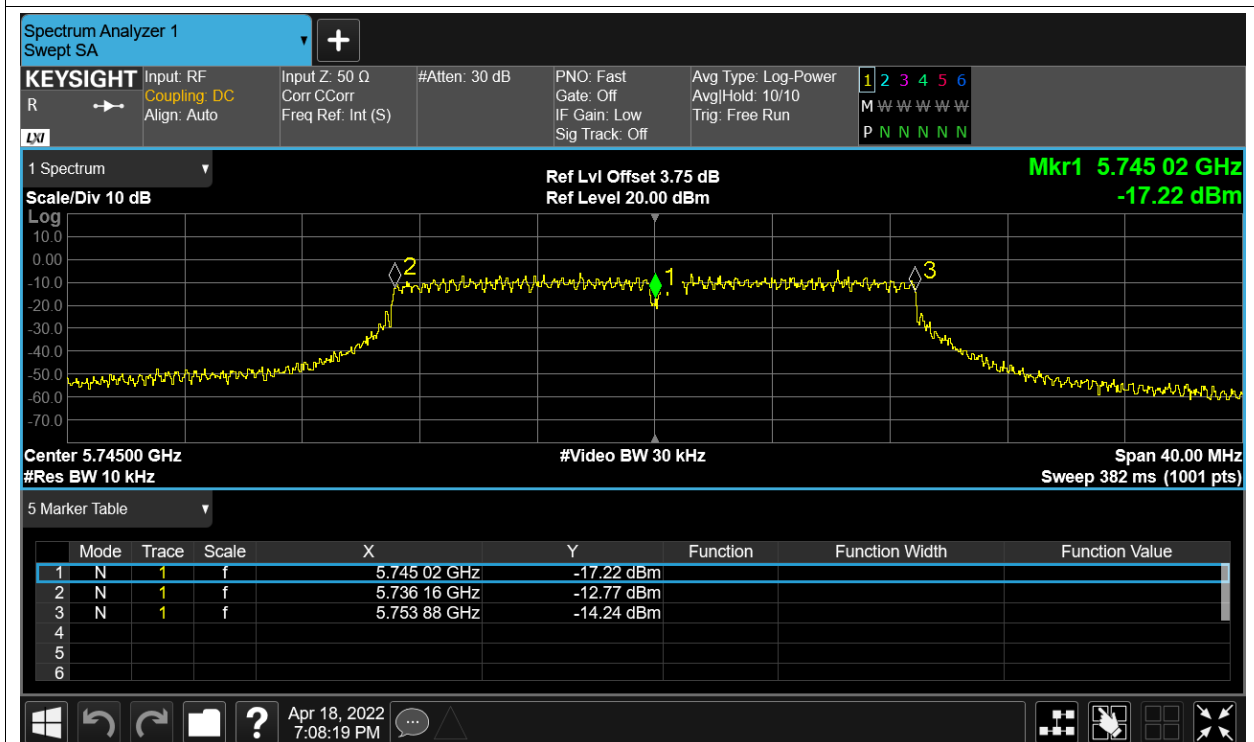
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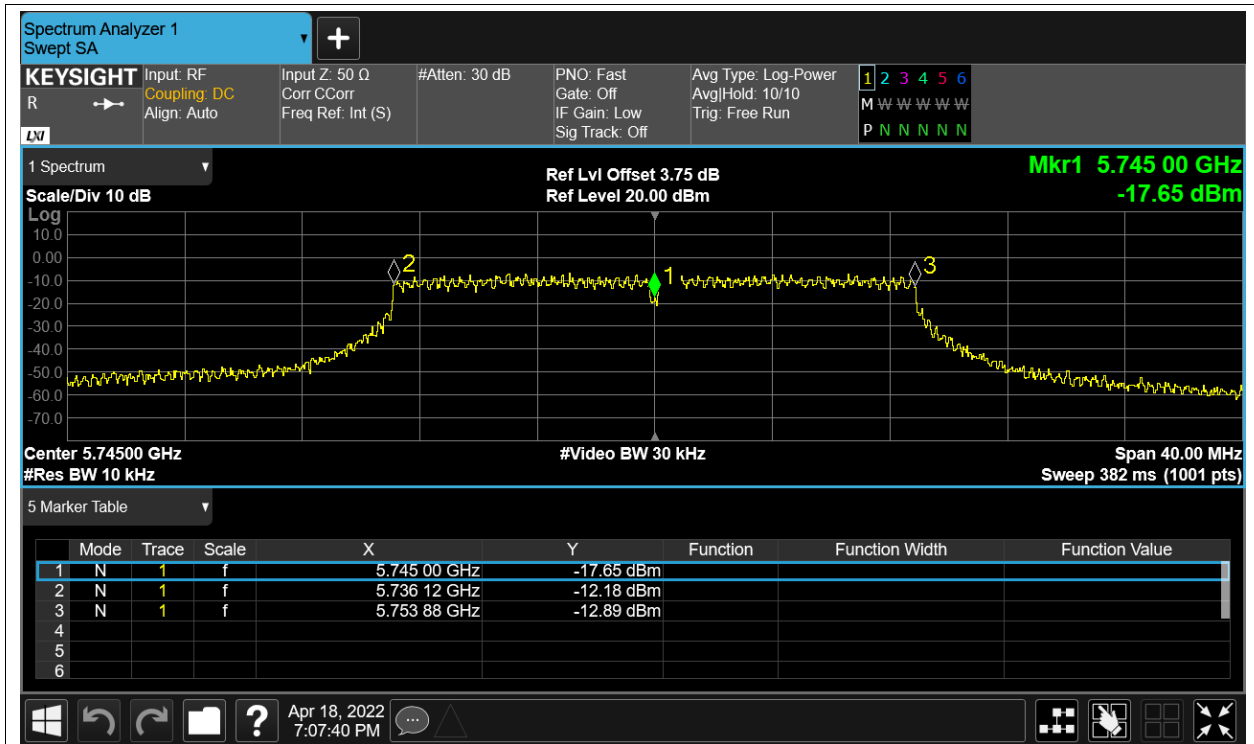
Freq. Stability NVHT ac20 5745MHz Sum



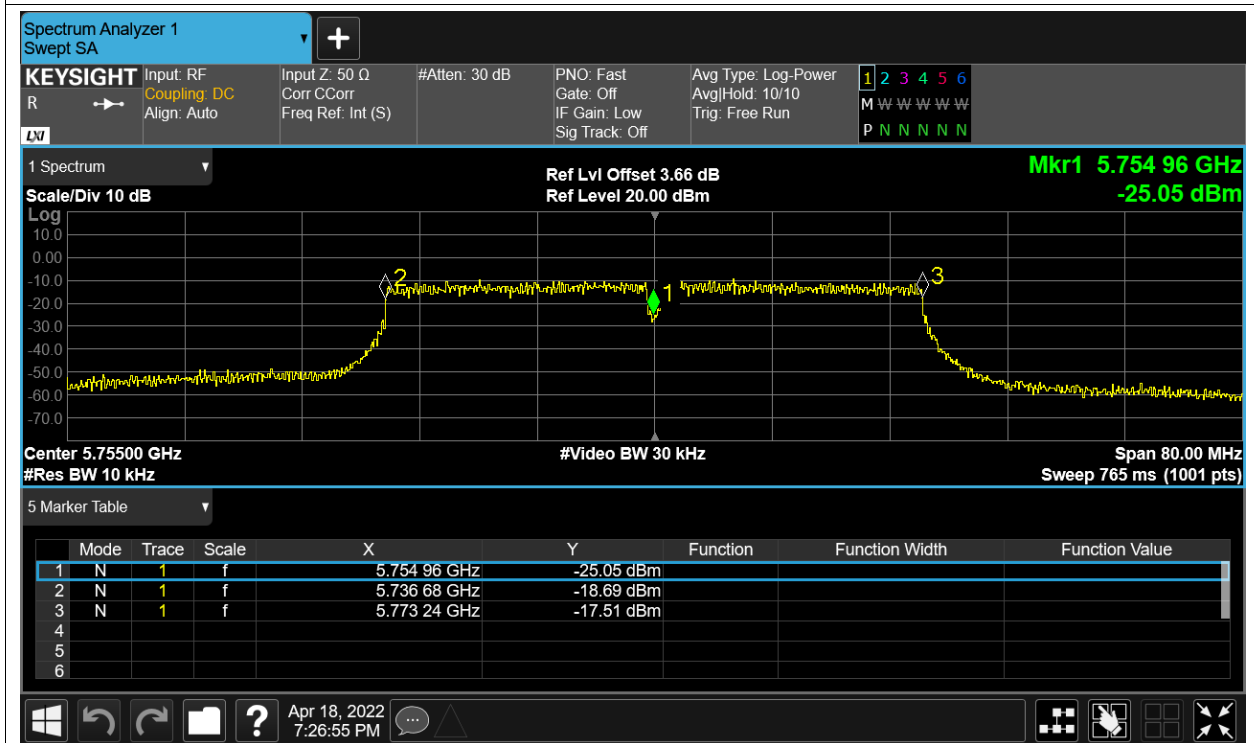
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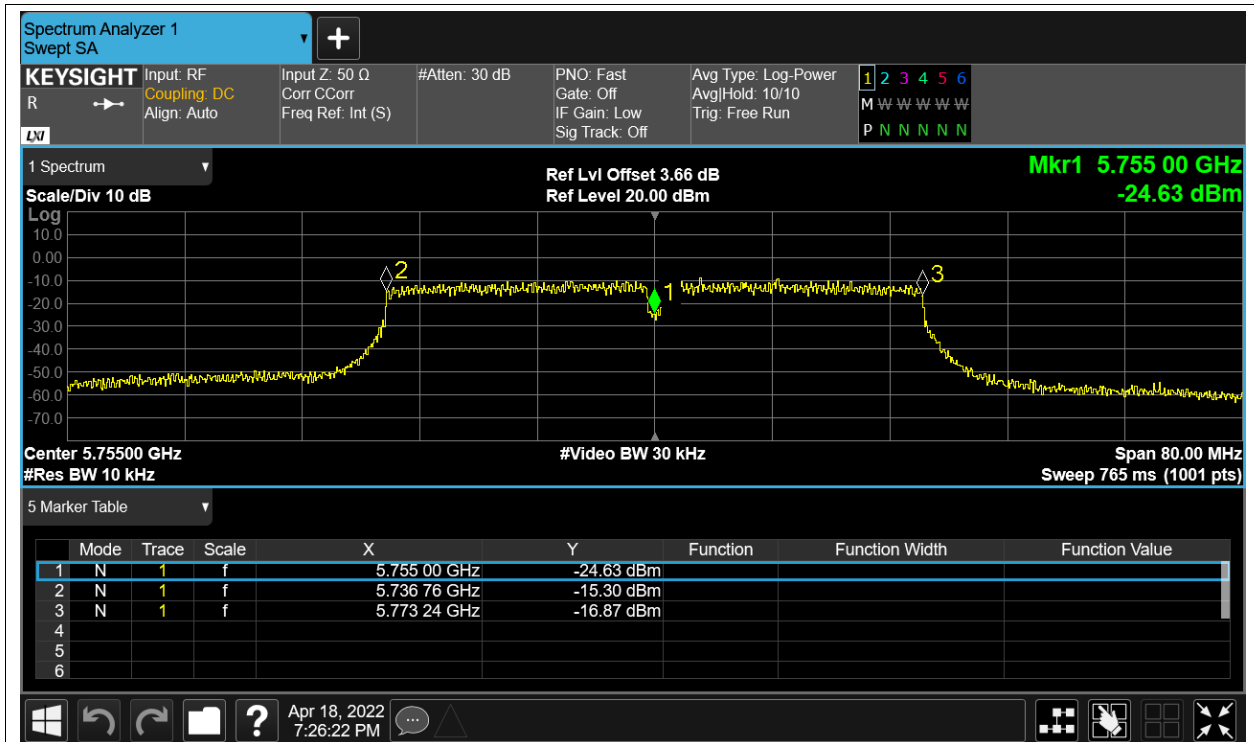
Freq. Stability NVNT ac20 5745MHz Sum



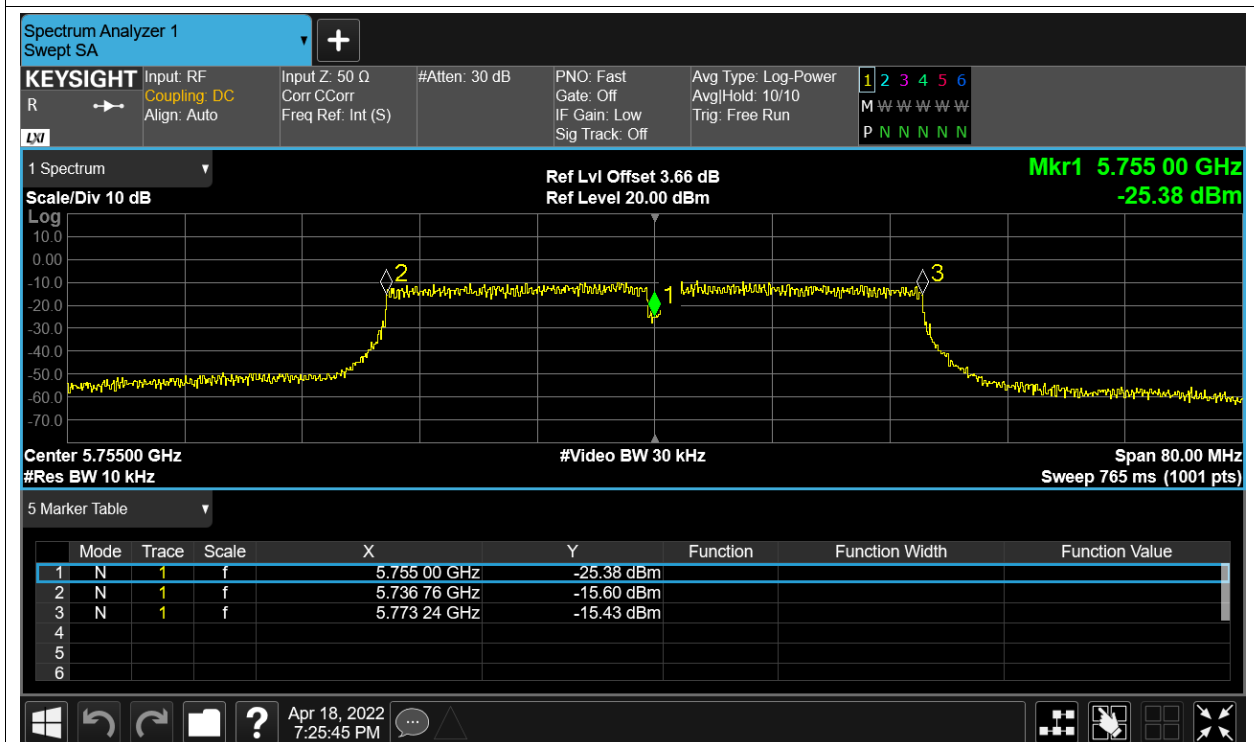
Freq. Stability HVNT ac40 5755MHz Sum



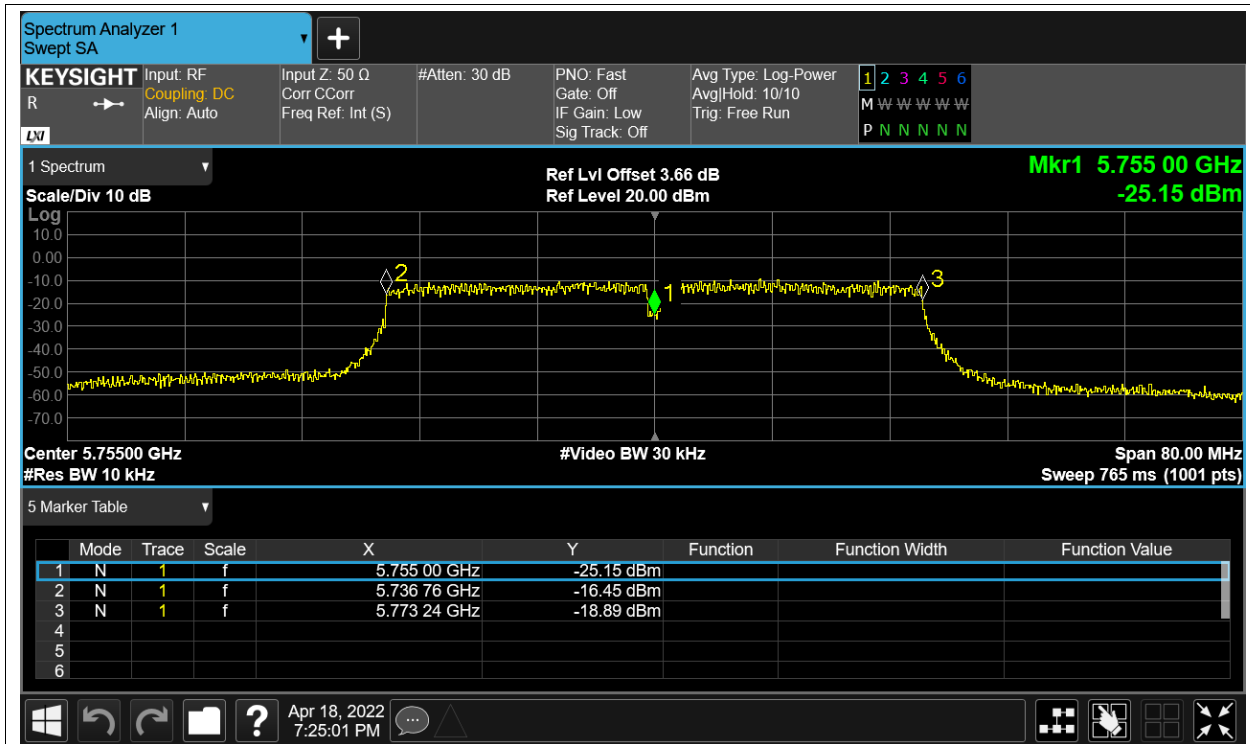
Freq. Stability LVNT ac40 5755MHz Sum



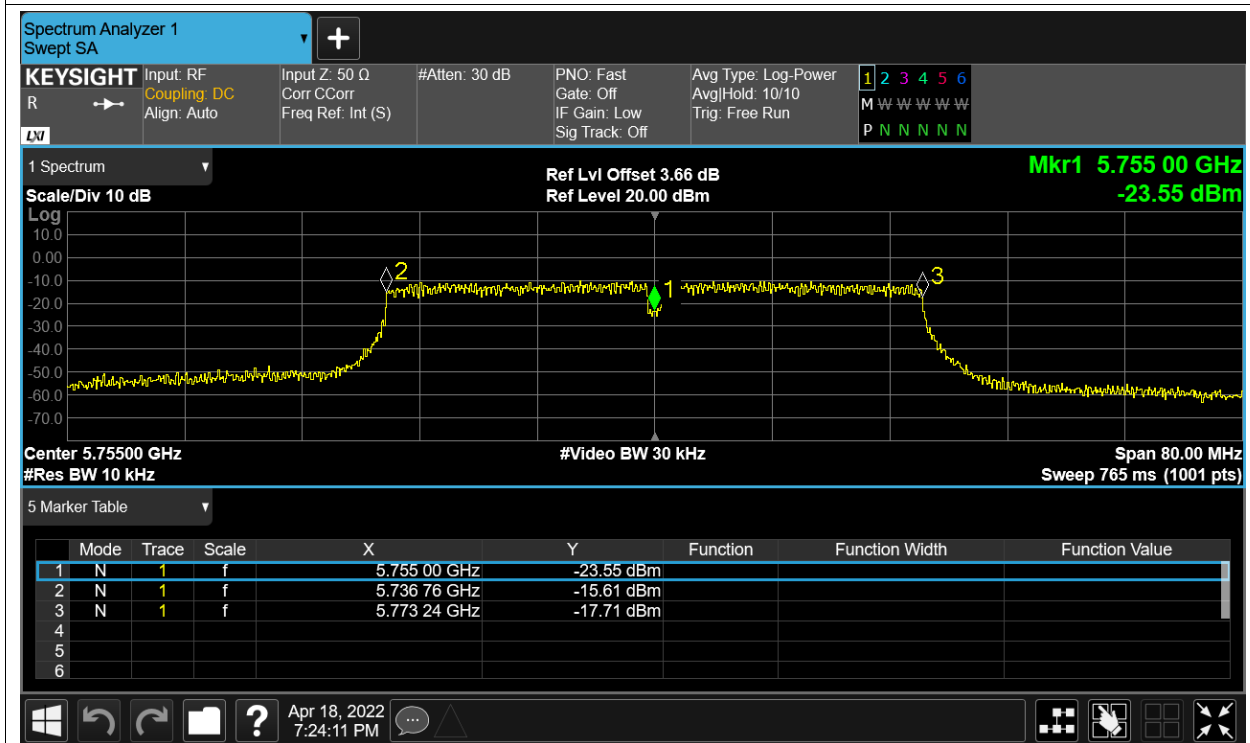
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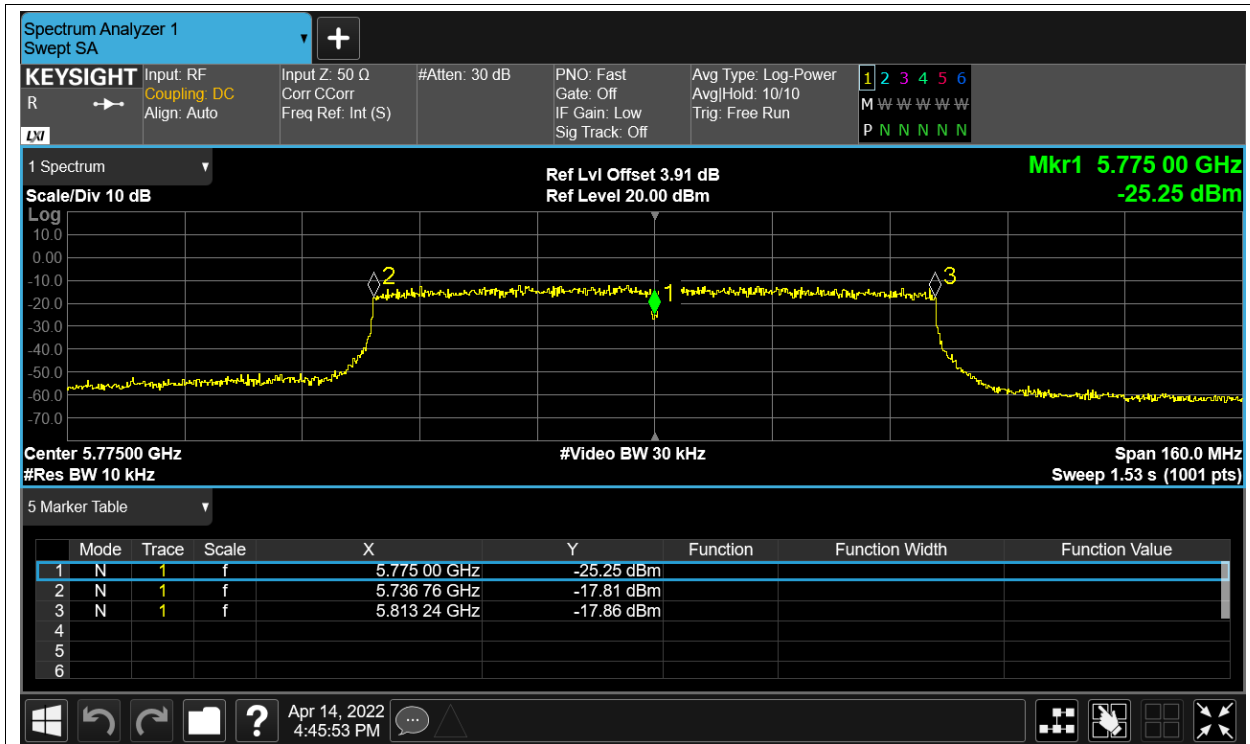
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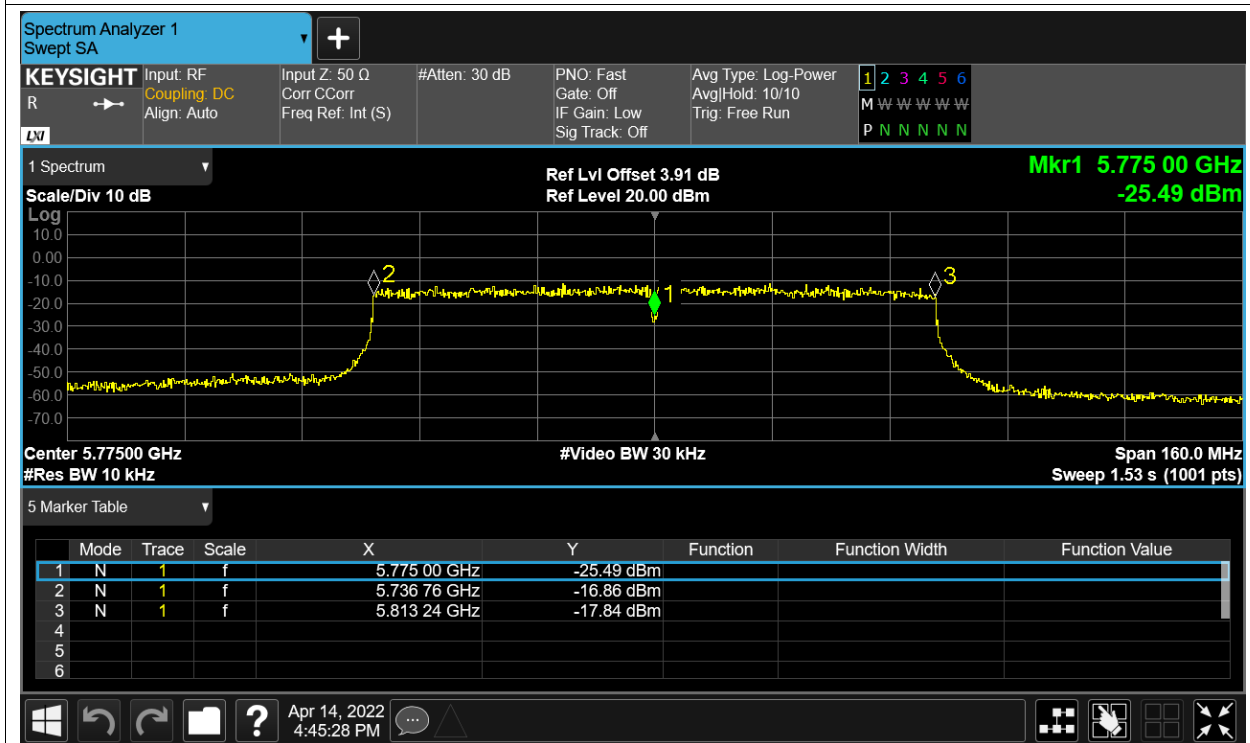
Freq. Stability NVNT ac40 5755MHz Sum



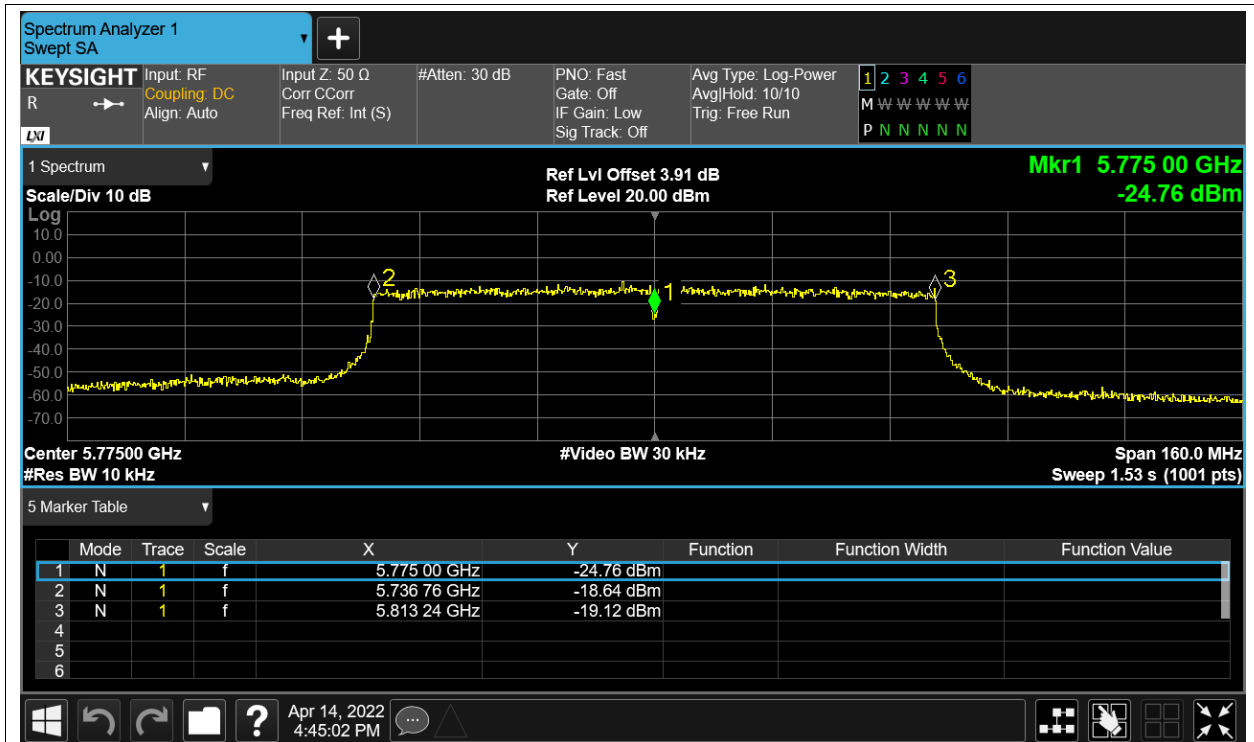
Freq. Stability HVNT ac80 5775MHz Sum



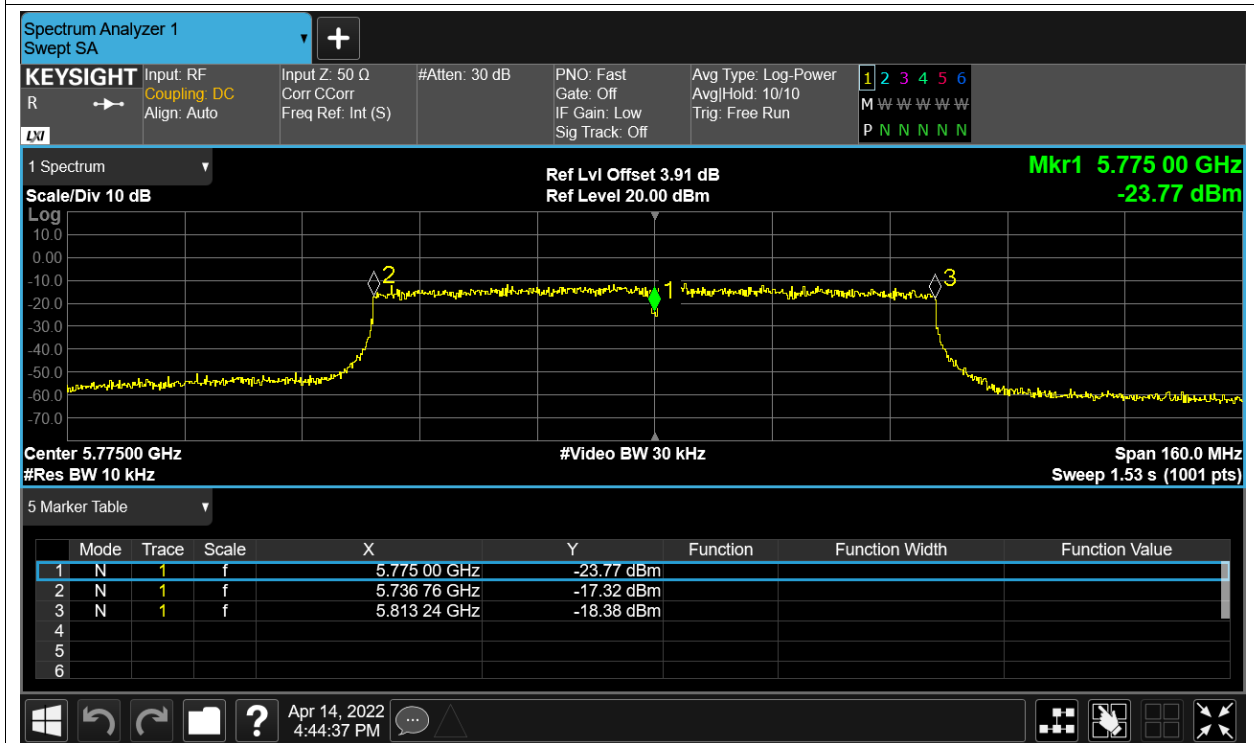
Freq. Stability LVNT ac80 5775MHz Sum



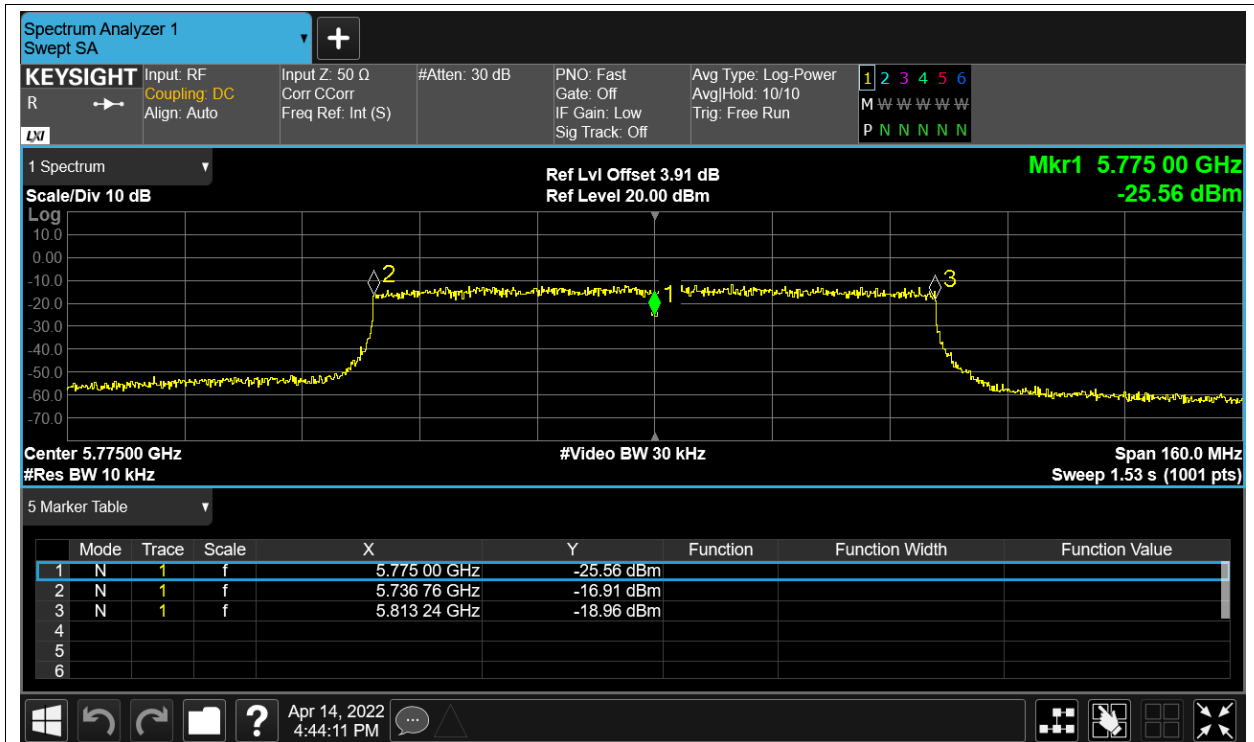
Freq. Stability NVHT ac80 5775MHz Sum



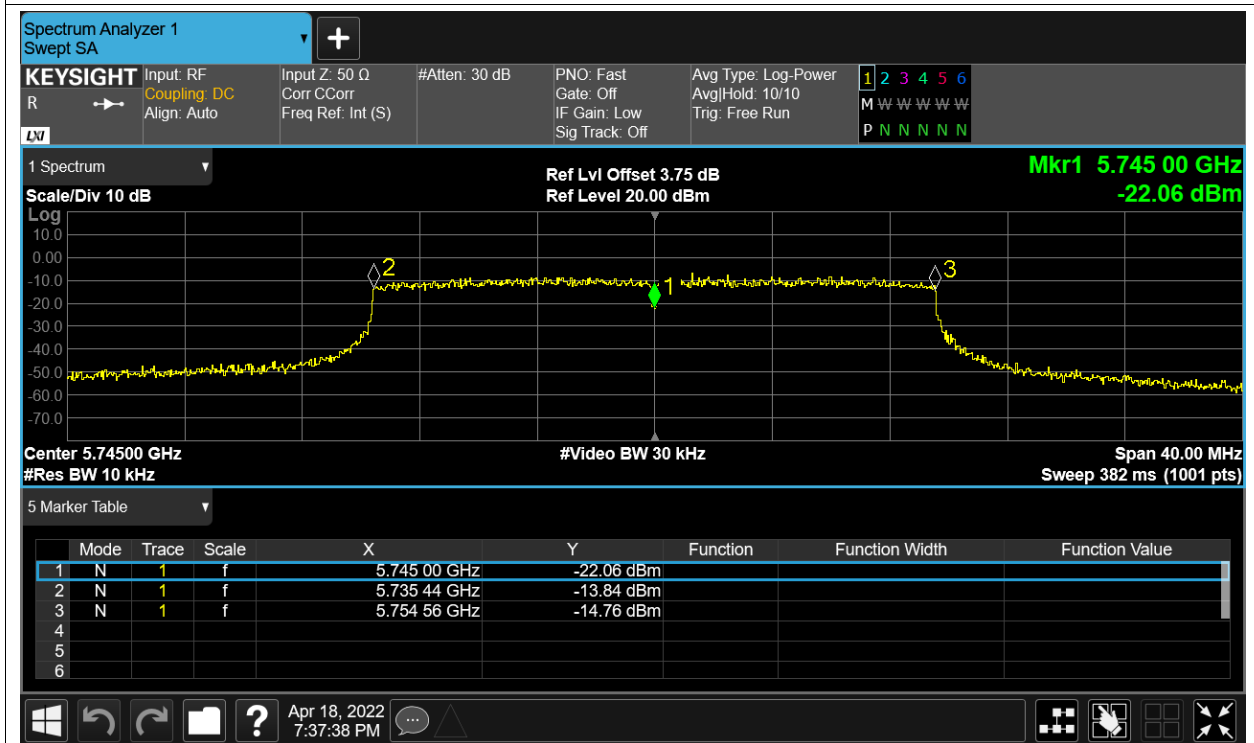
Freq. Stability NVLT ac80 5775MHz Sum



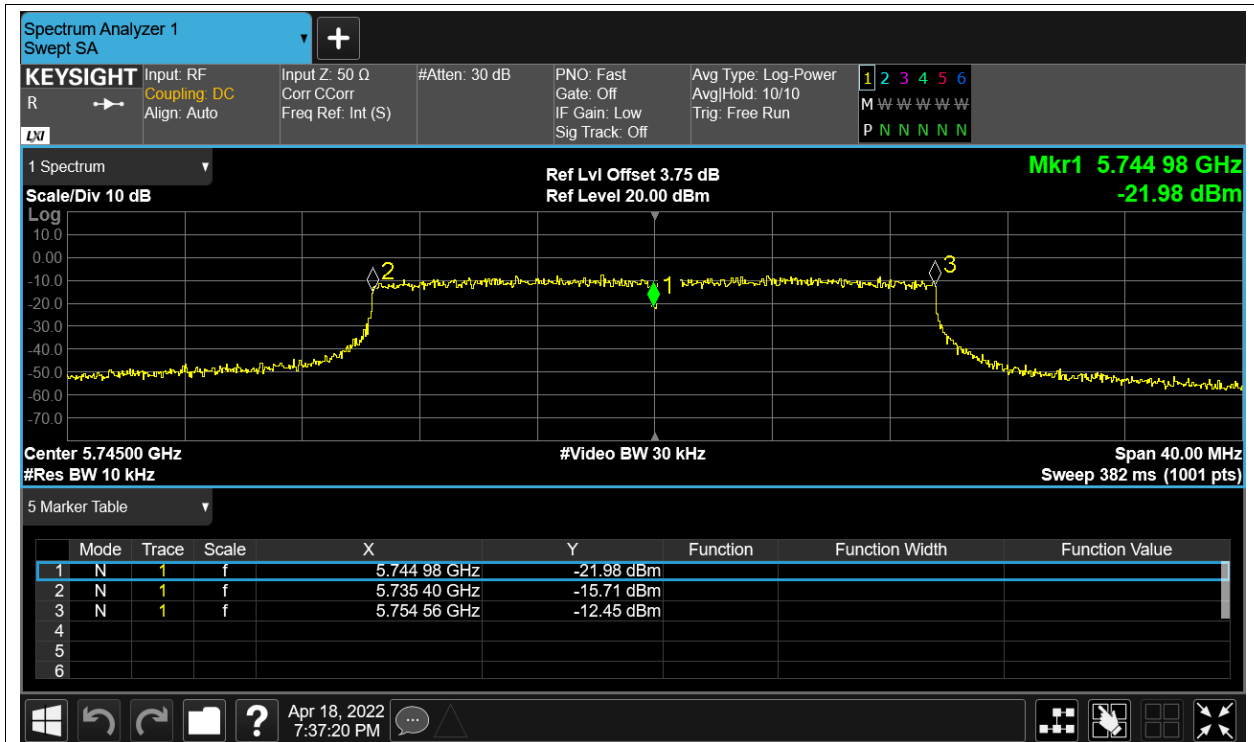
Freq. Stability NVNT ac80 5775MHz Sum



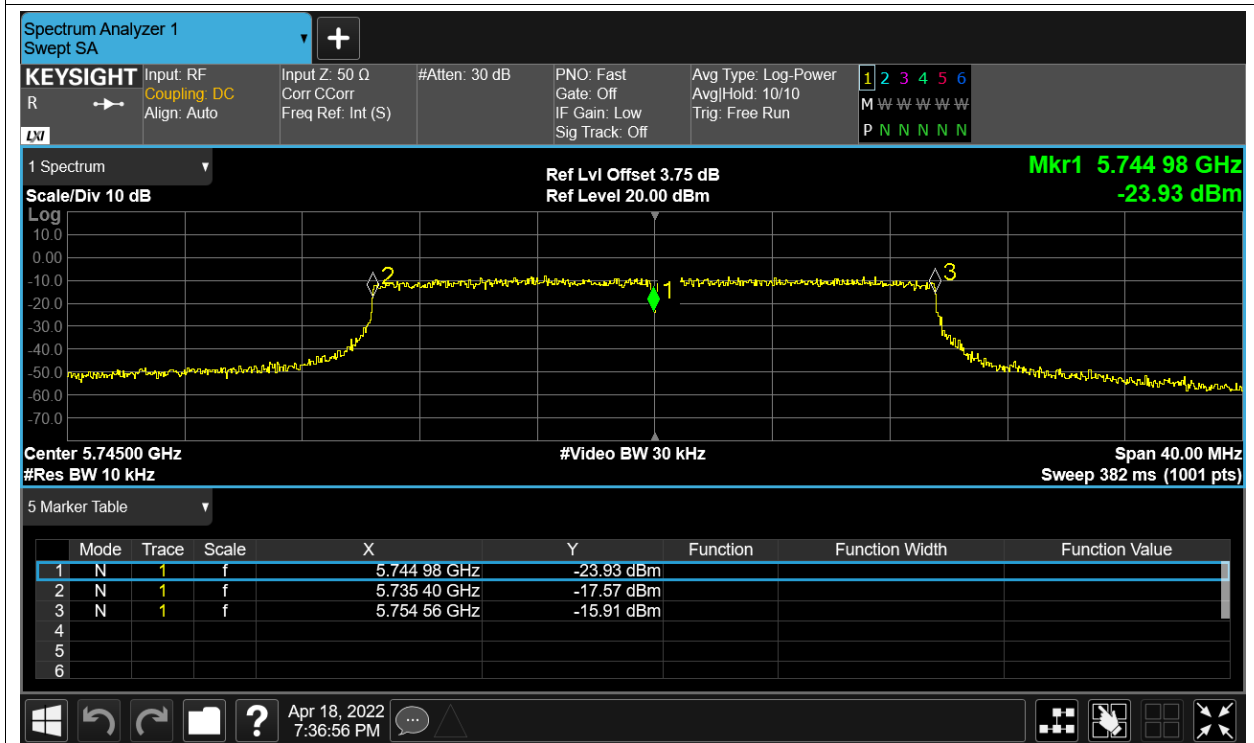
Freq. Stability HVNT ax20 5745MHz Sum



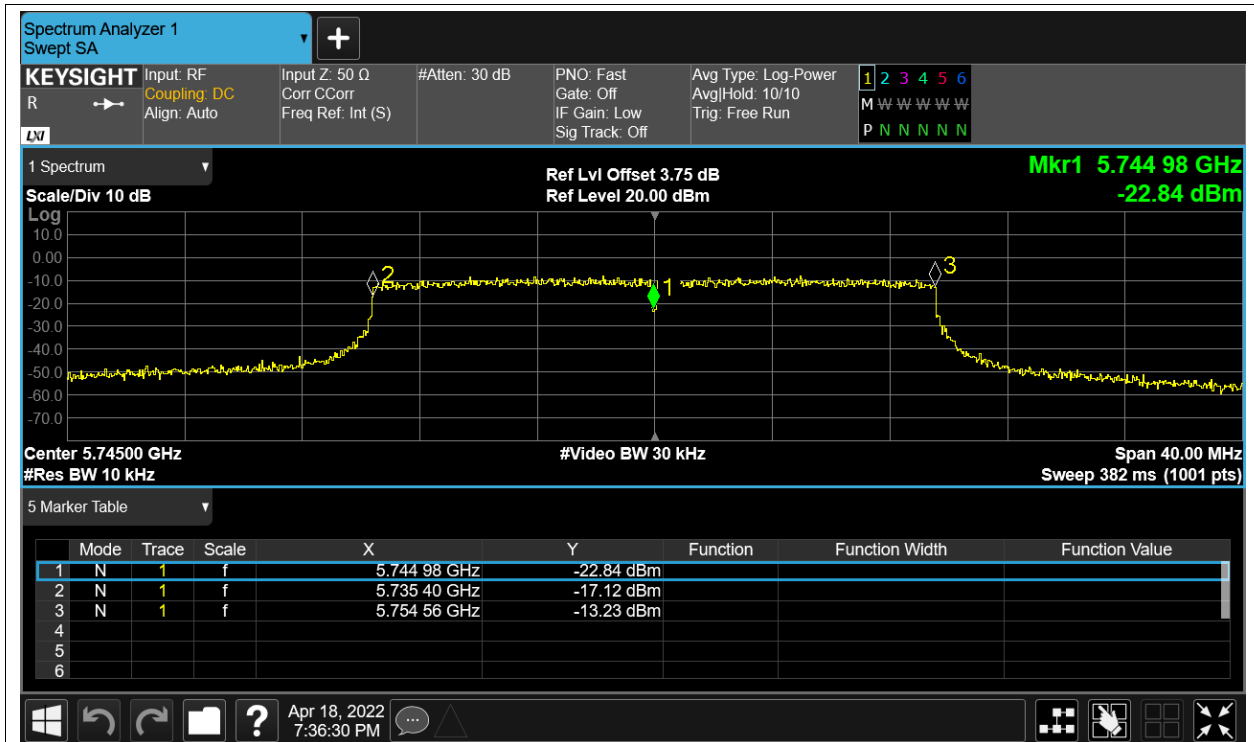
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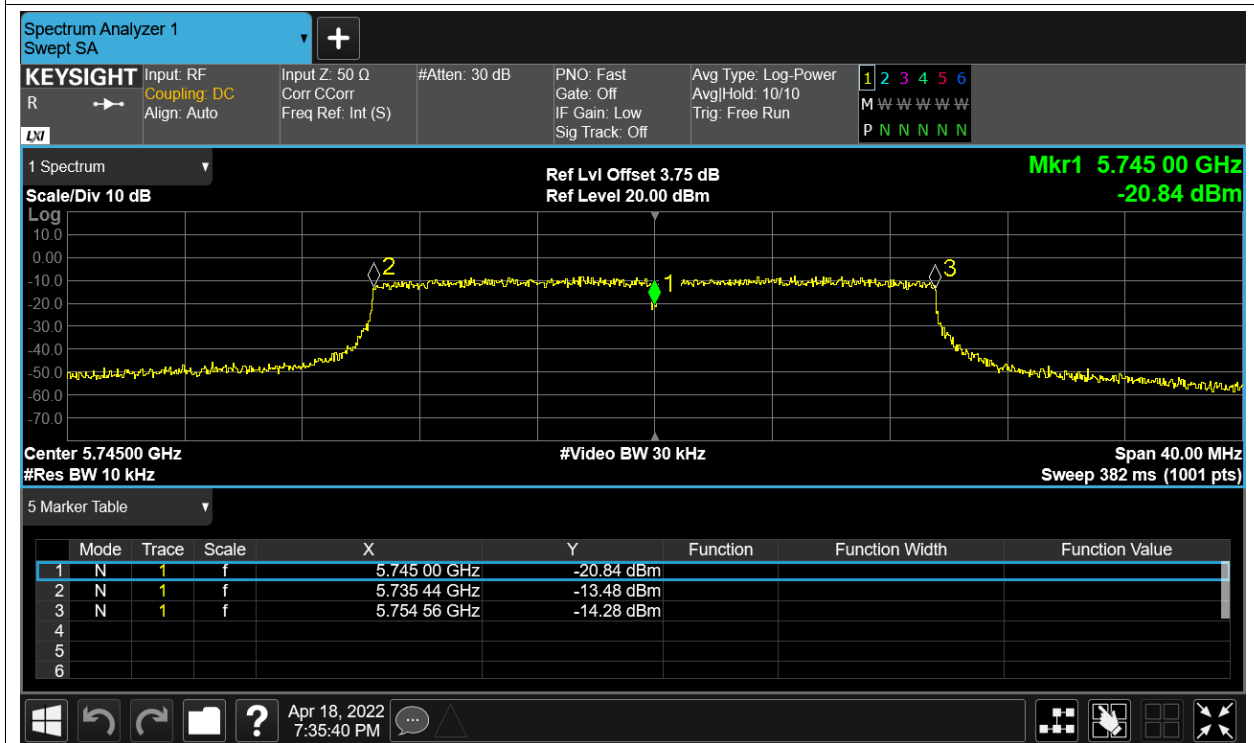
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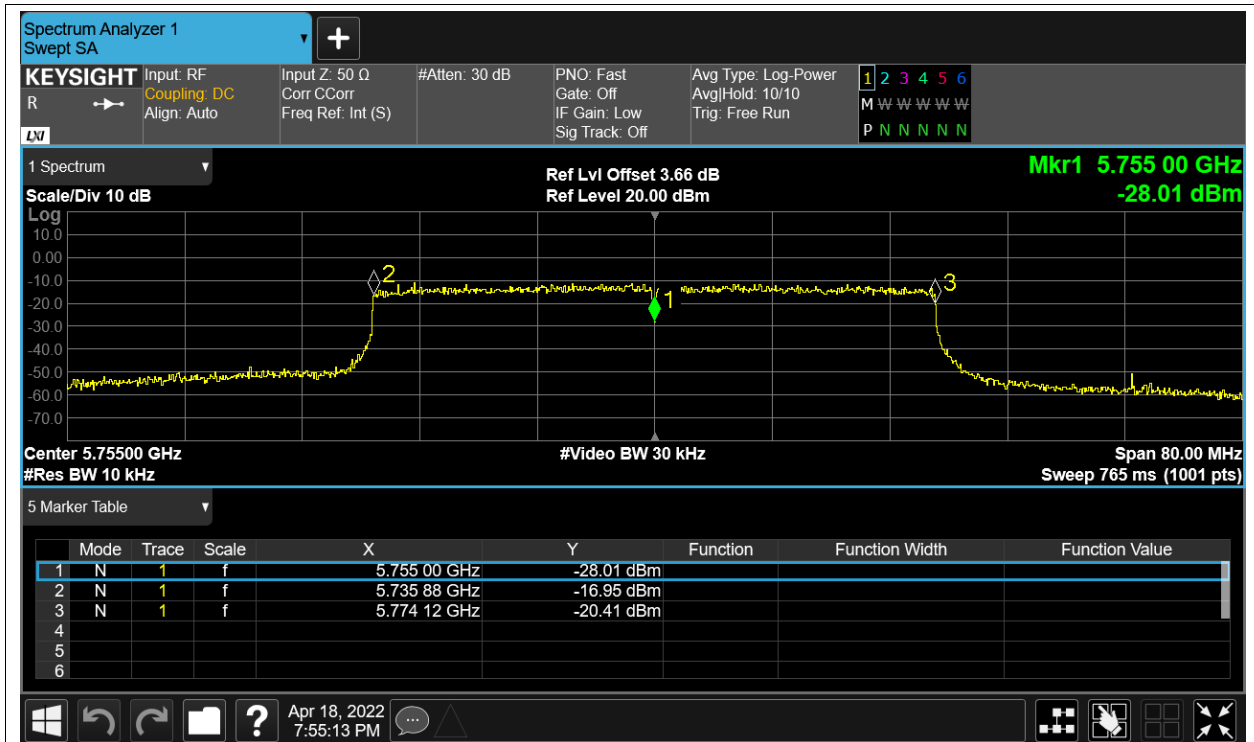
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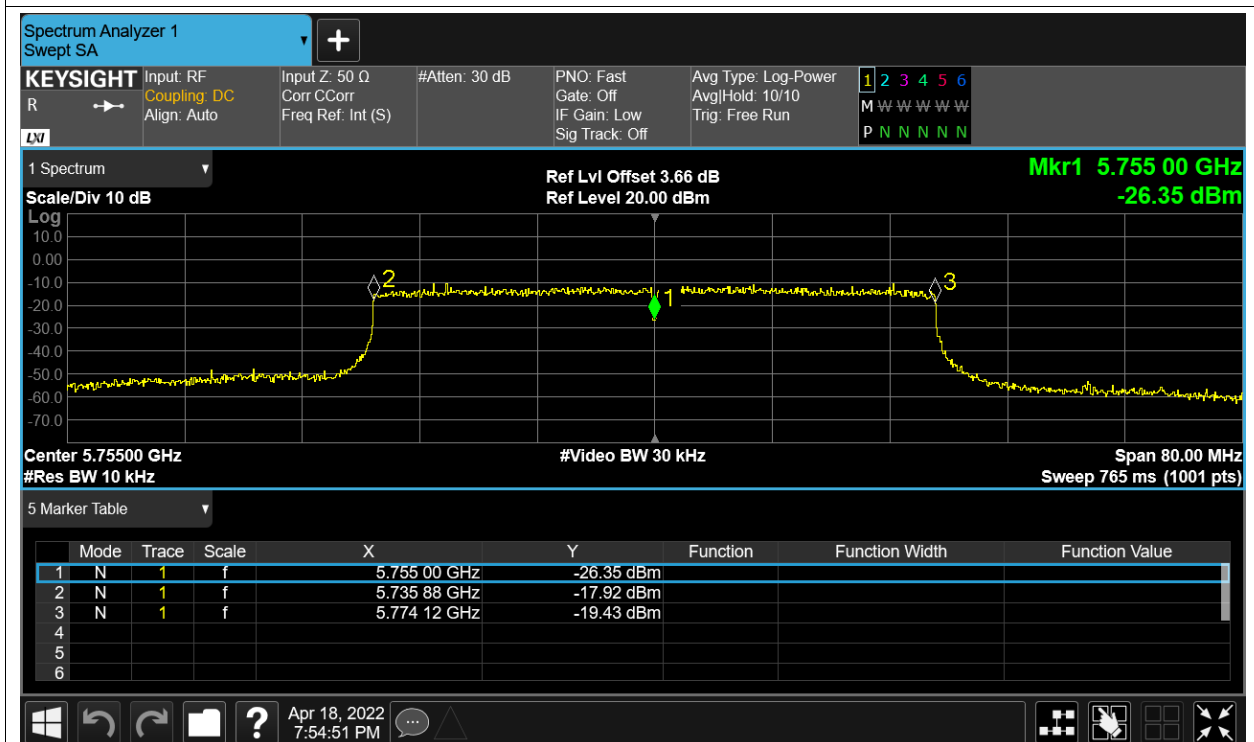
Freq. Stability NVNT ax20 5745MHz Sum



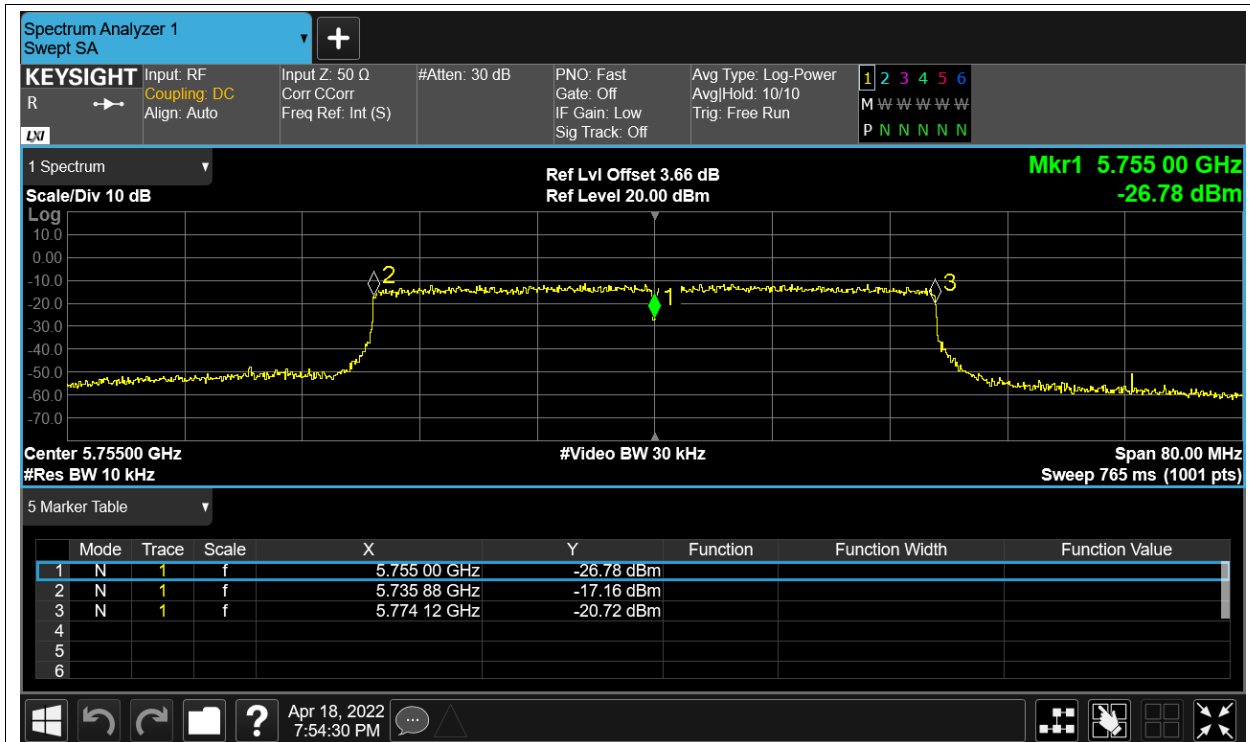
Freq. Stability HVNT ax40 5755MHz Sum



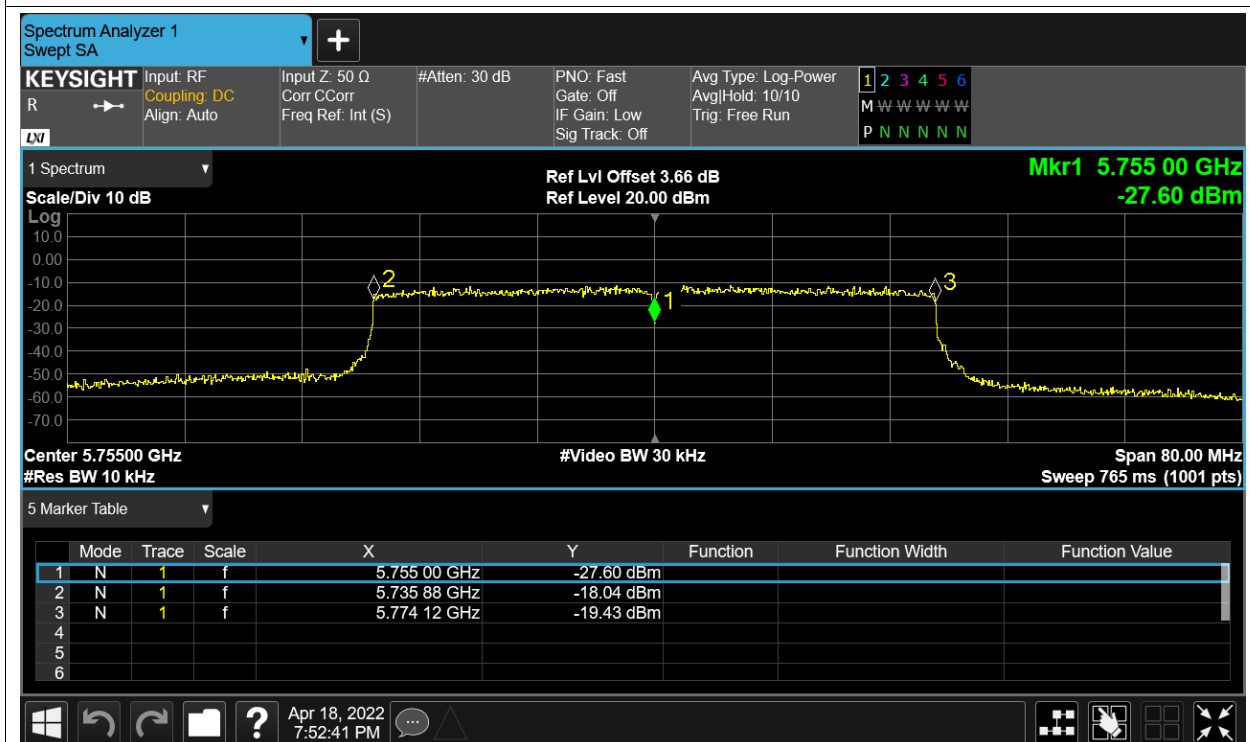
Freq. Stability LVNT ax40 5755MHz Sum



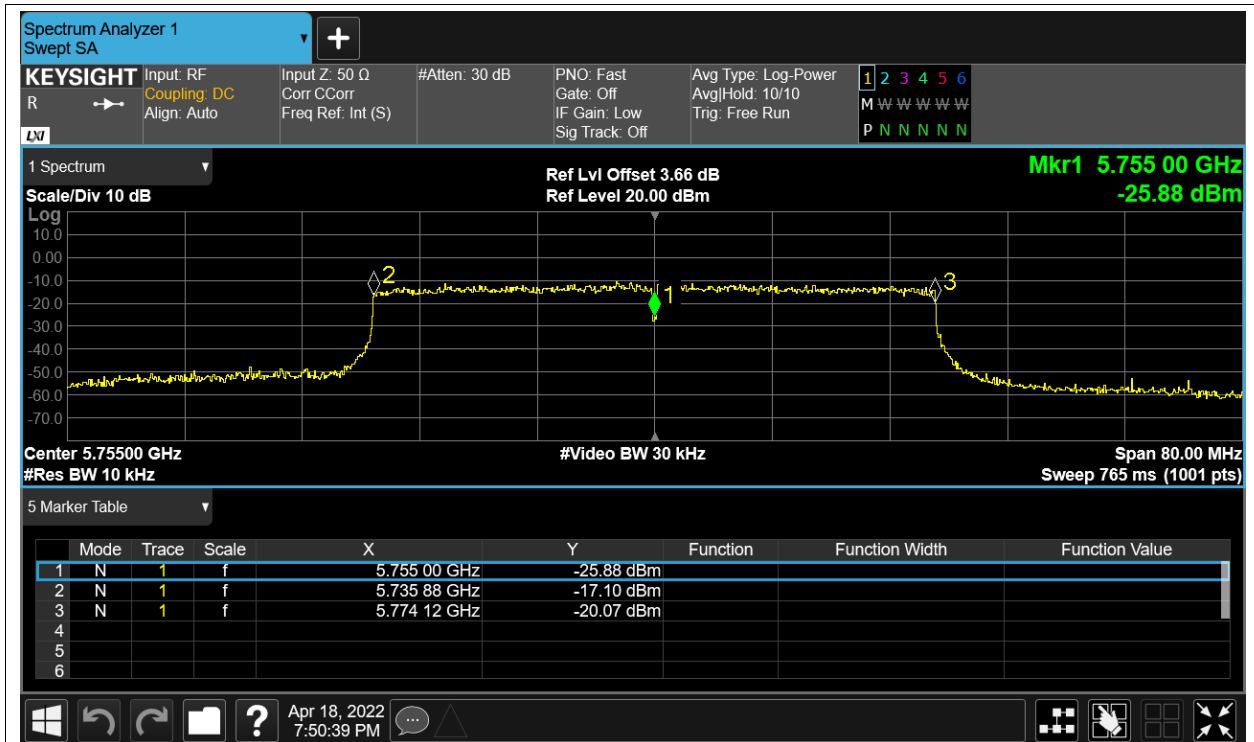
Freq. Stability NVHT ax40 5755MHz Sum



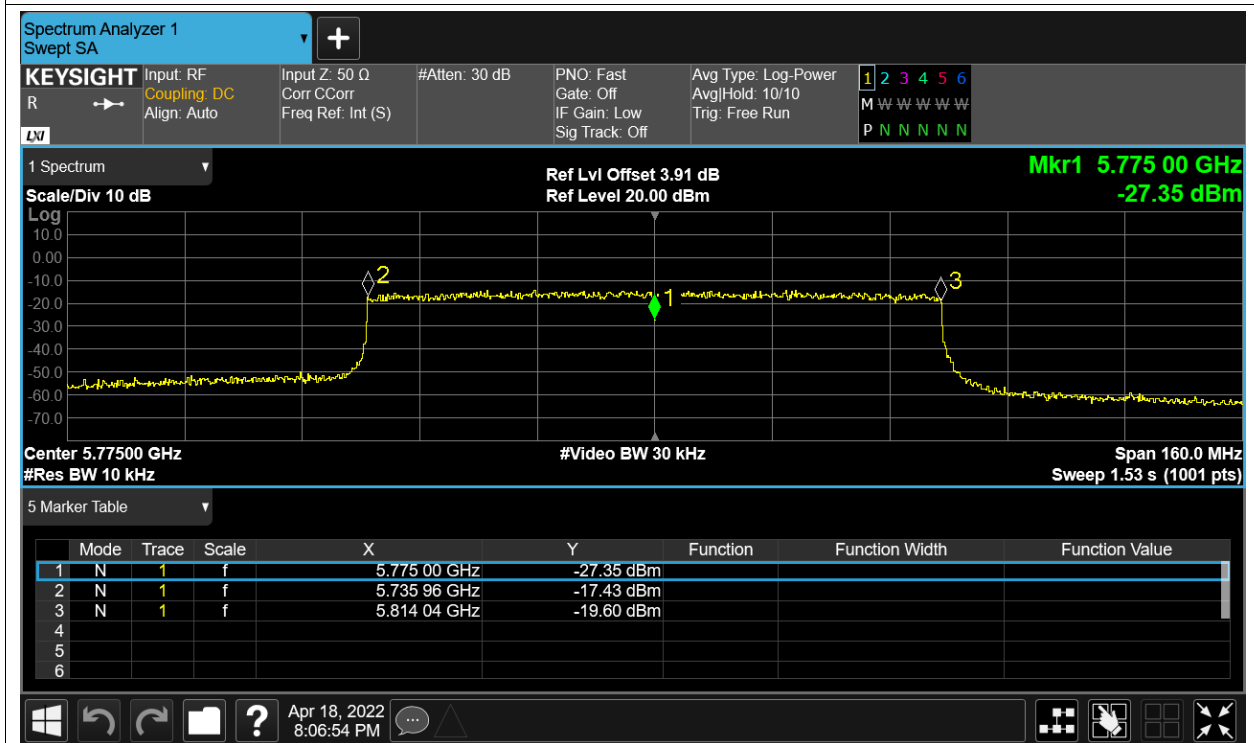
Freq. Stability NVLT ax40 5755MHz Sum



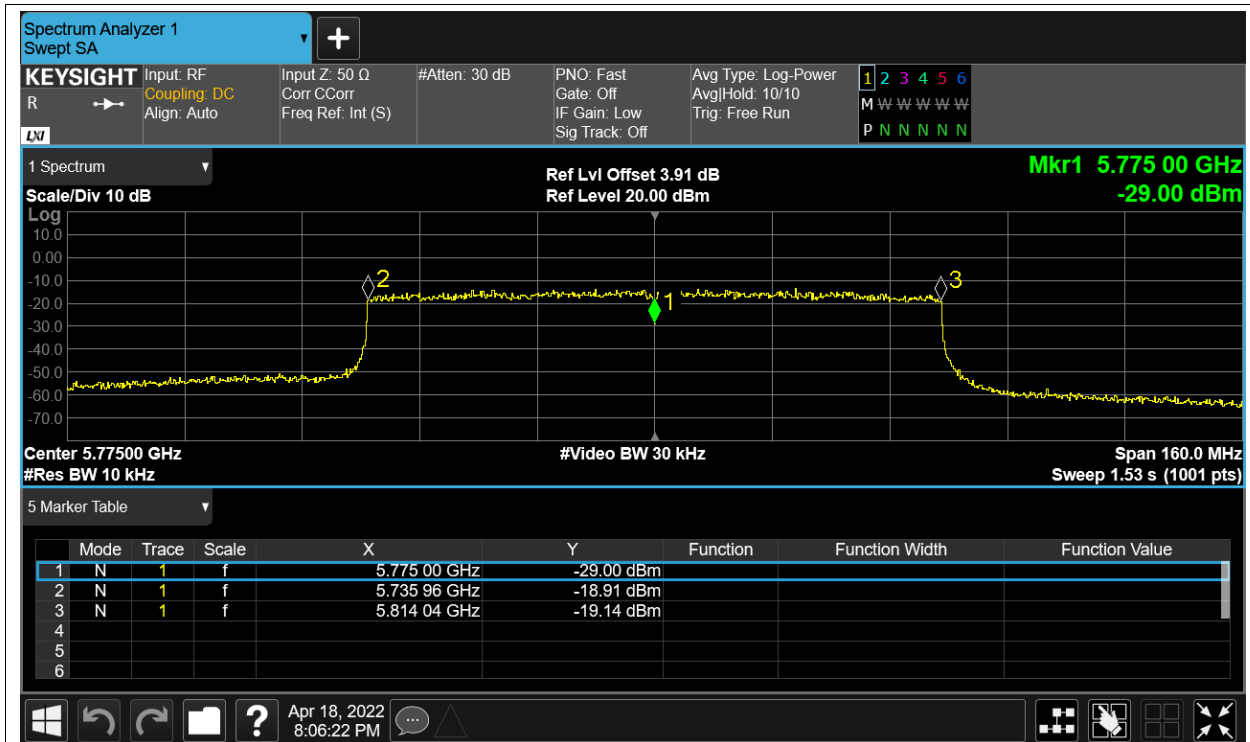
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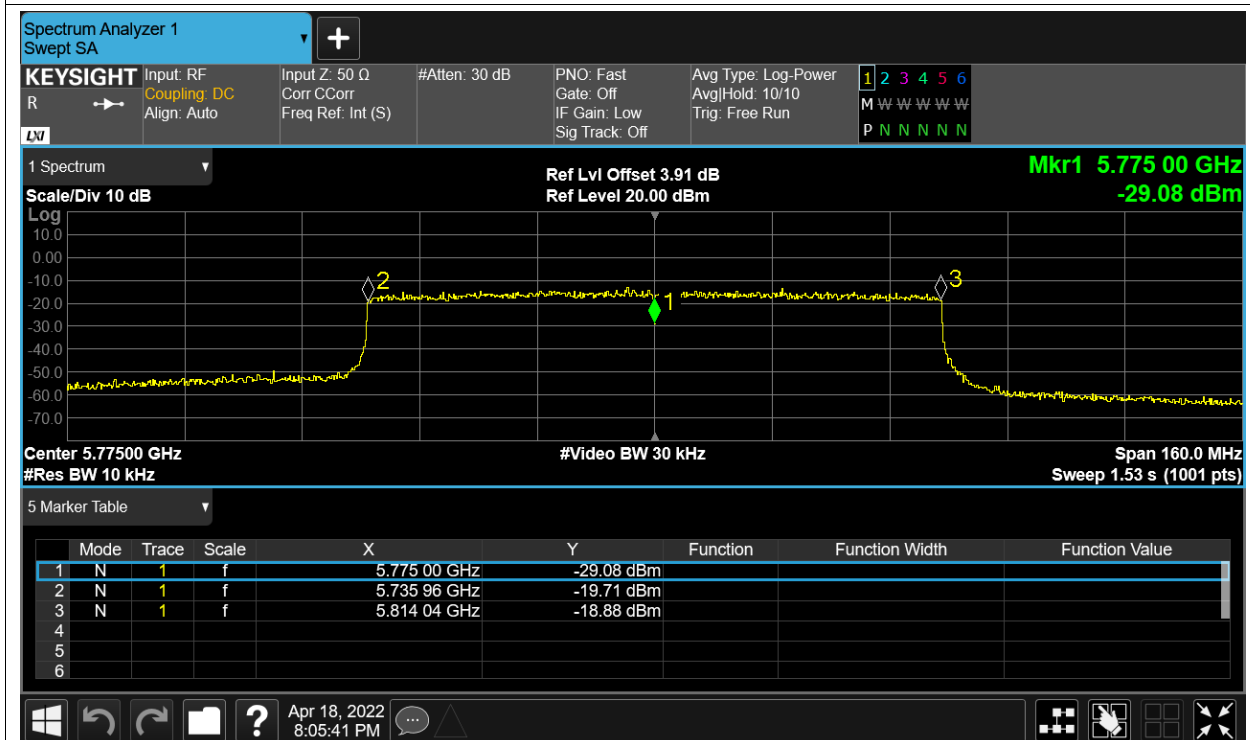
Freq. Stability HVNT ax80 5775MHz Sum



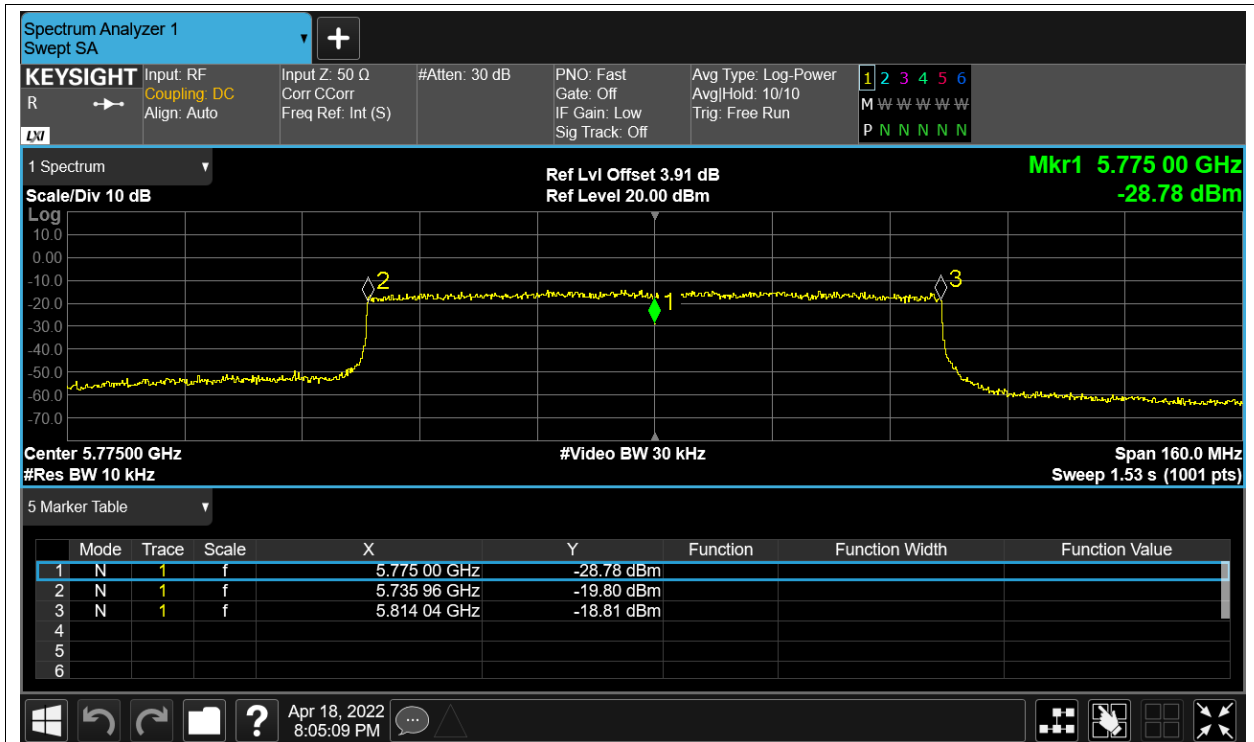
Freq. Stability LVNT ax80 5775MHz Sum



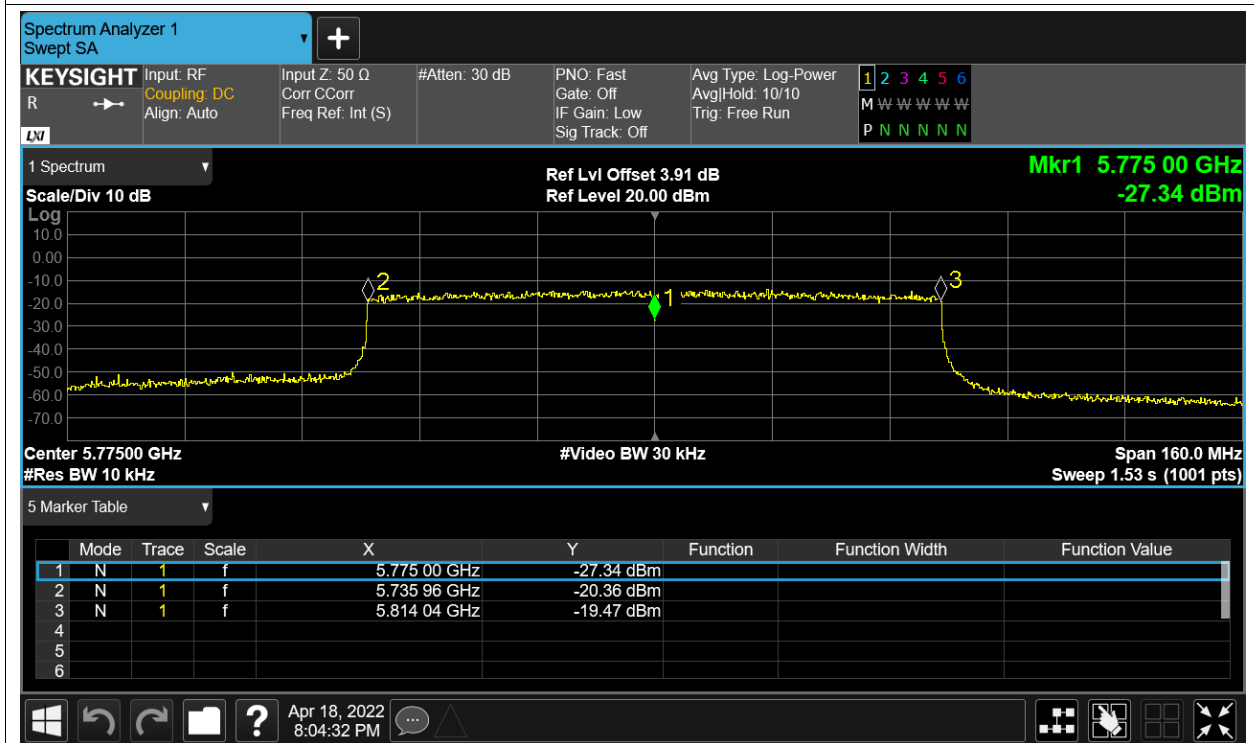
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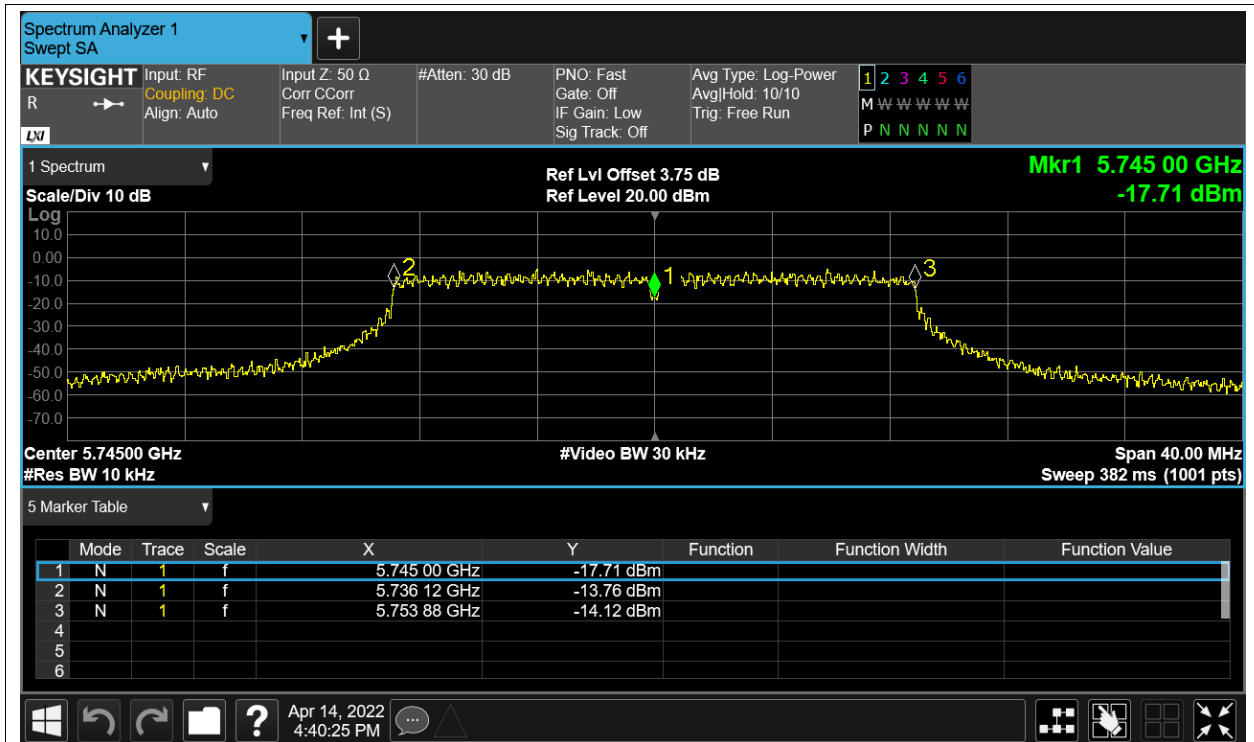
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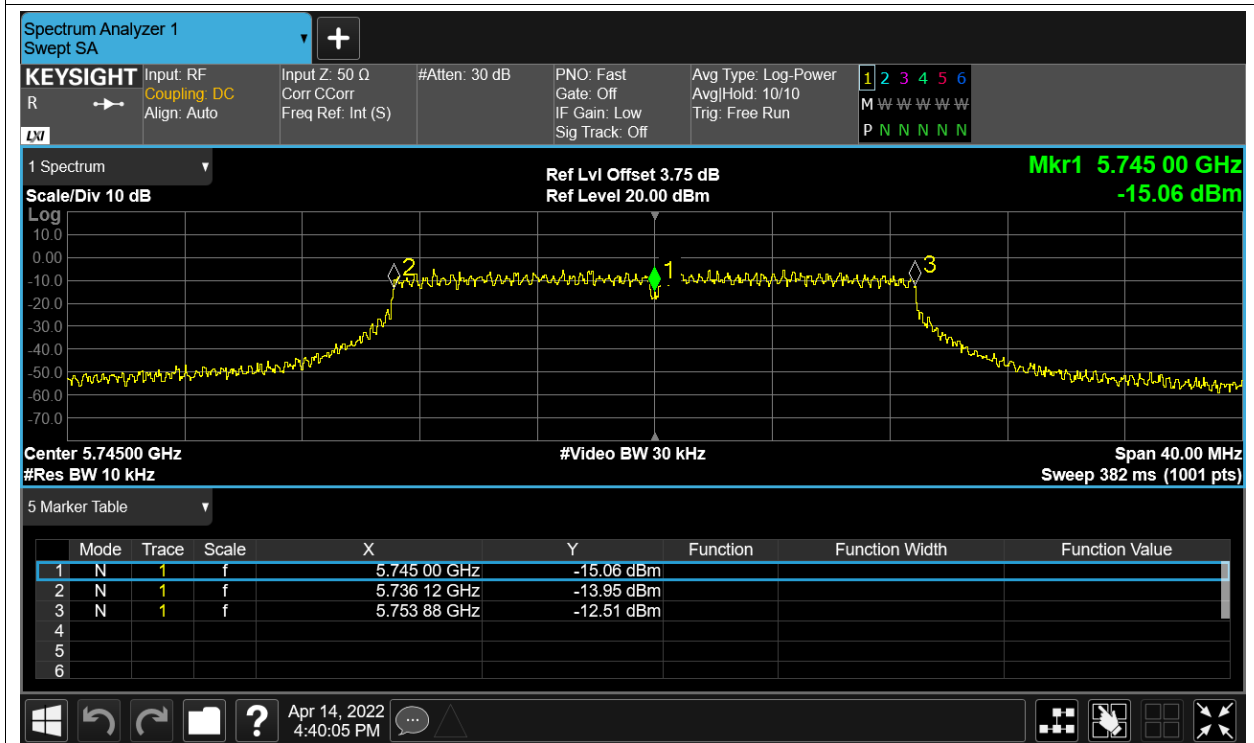
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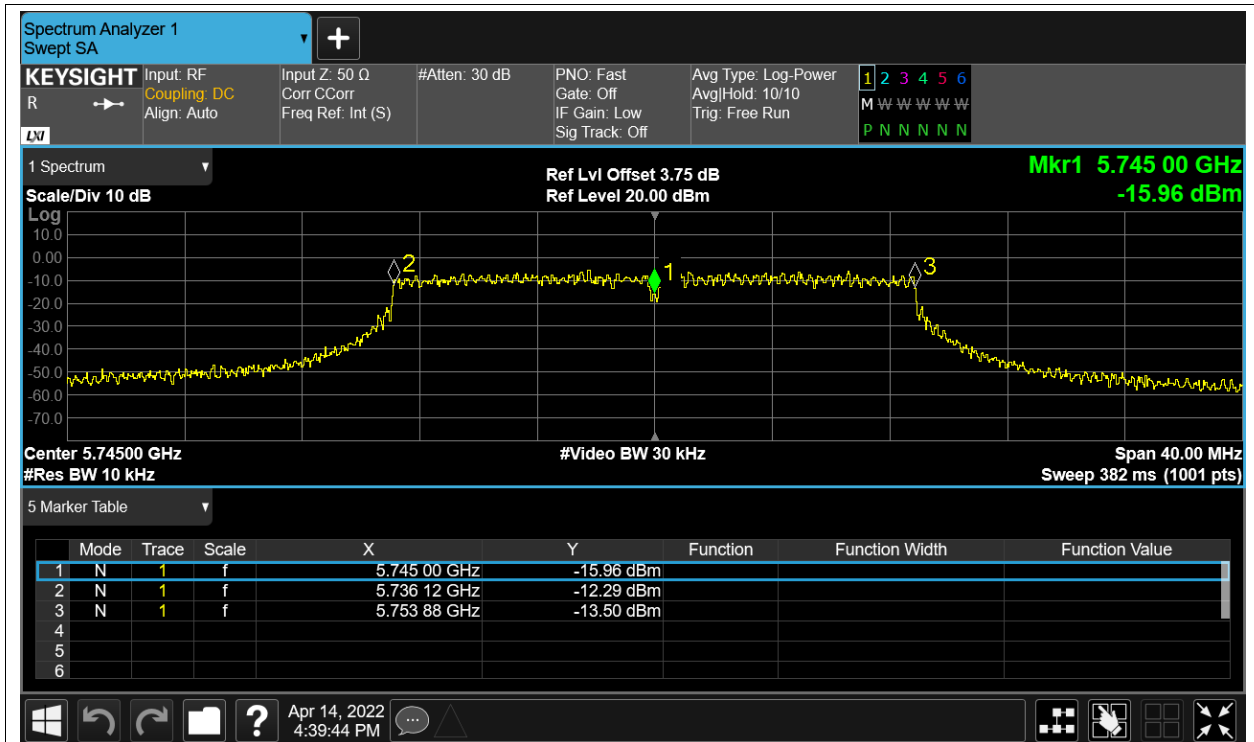
Freq. Stability HVNT n20 5745MHz Sum



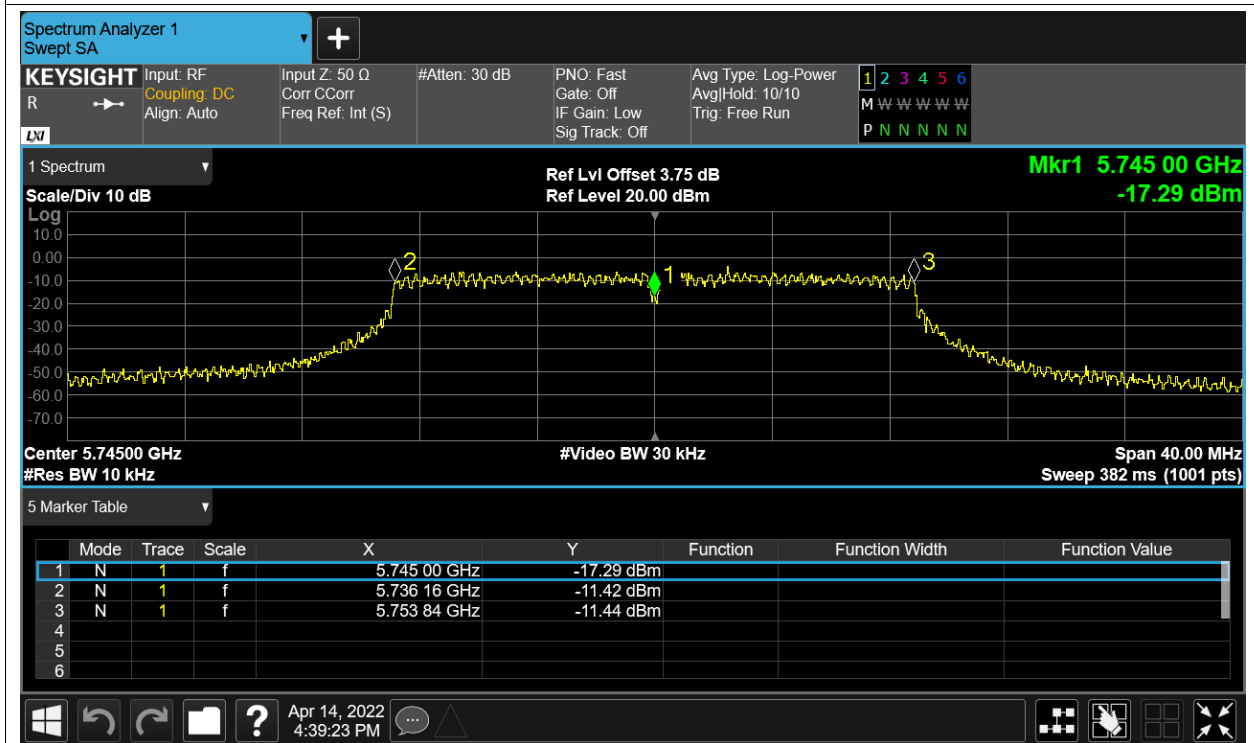
Freq. Stability LVNT n20 5745MHz Sum



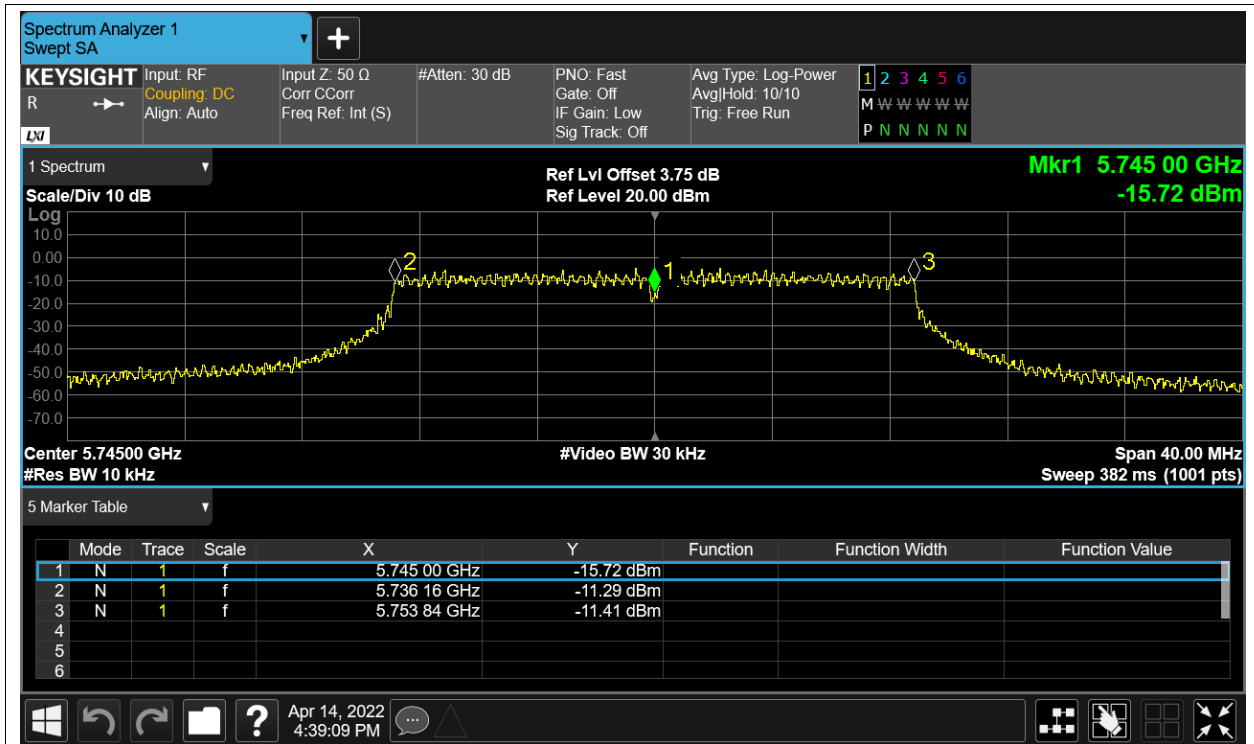
Freq. Stability NVHT n20 5745MHz Sum



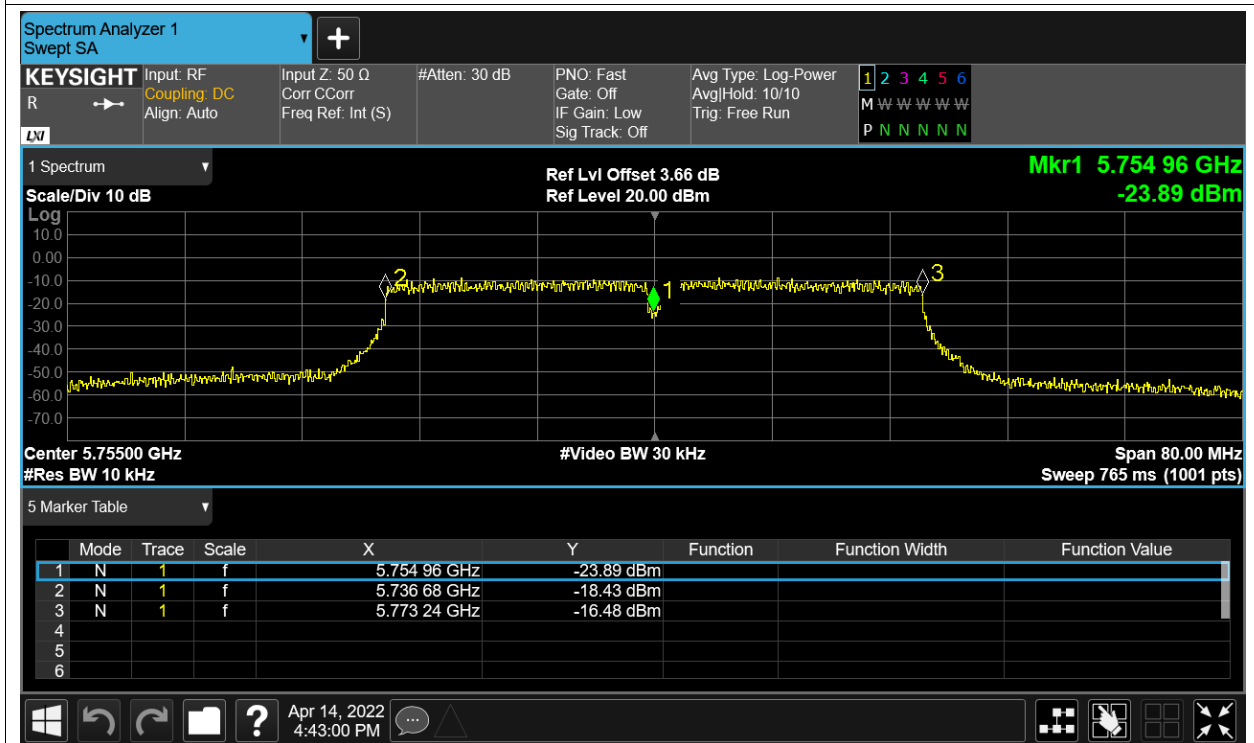
Freq. Stability NVLT n20 5745MHz Sum



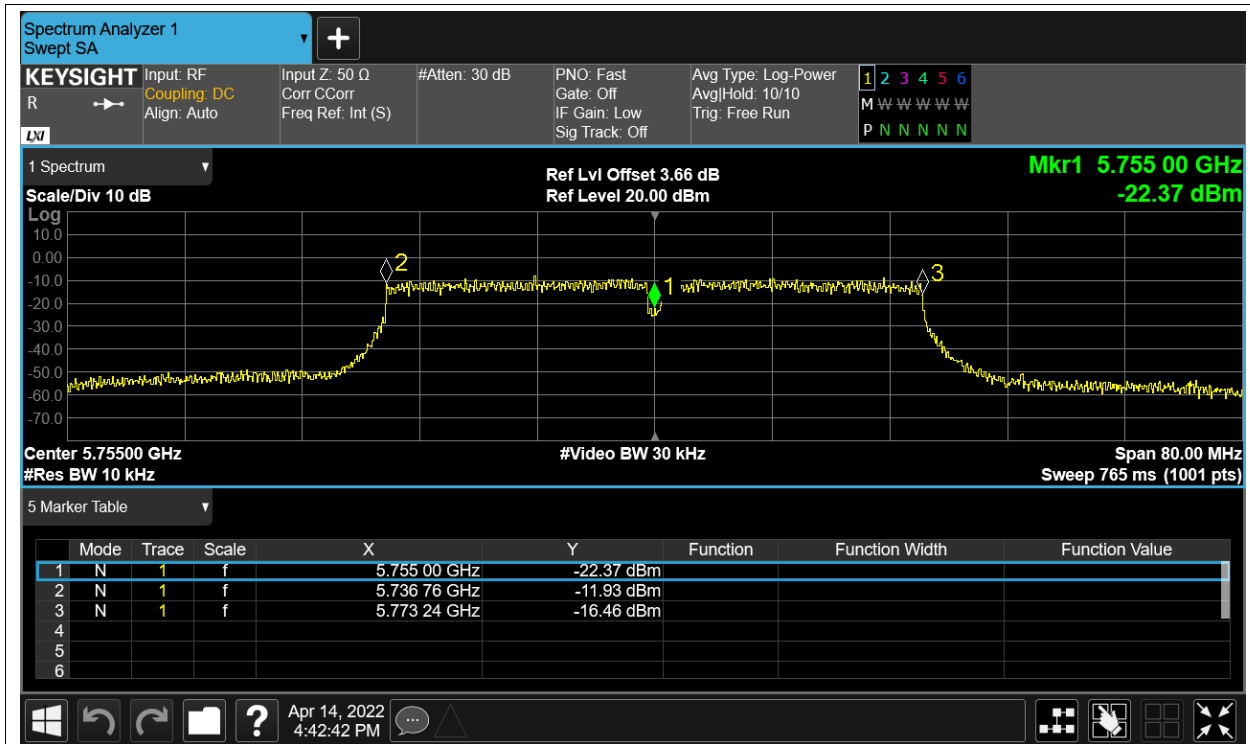
Freq. Stability NVNT n20 5745MHz Sum



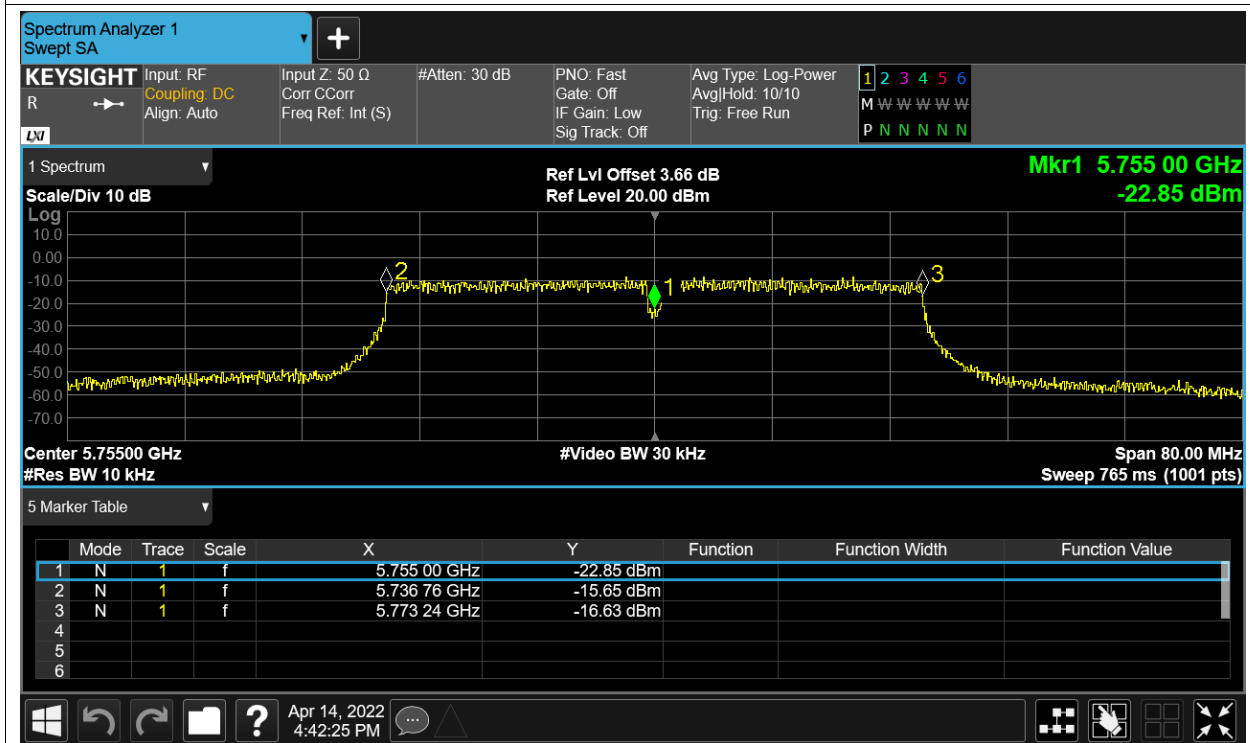
Freq. Stability HVNT n40 5755MHz Sum



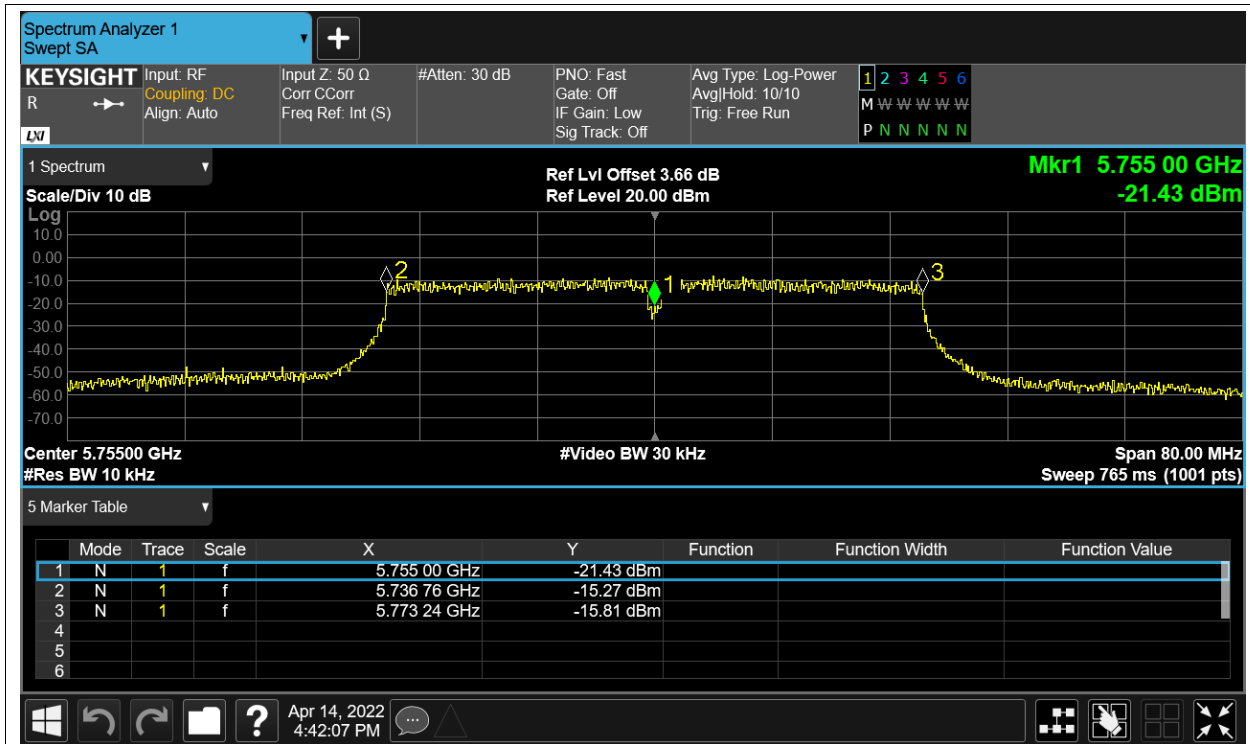
Freq. Stability LVNT n40 5755MHz Sum



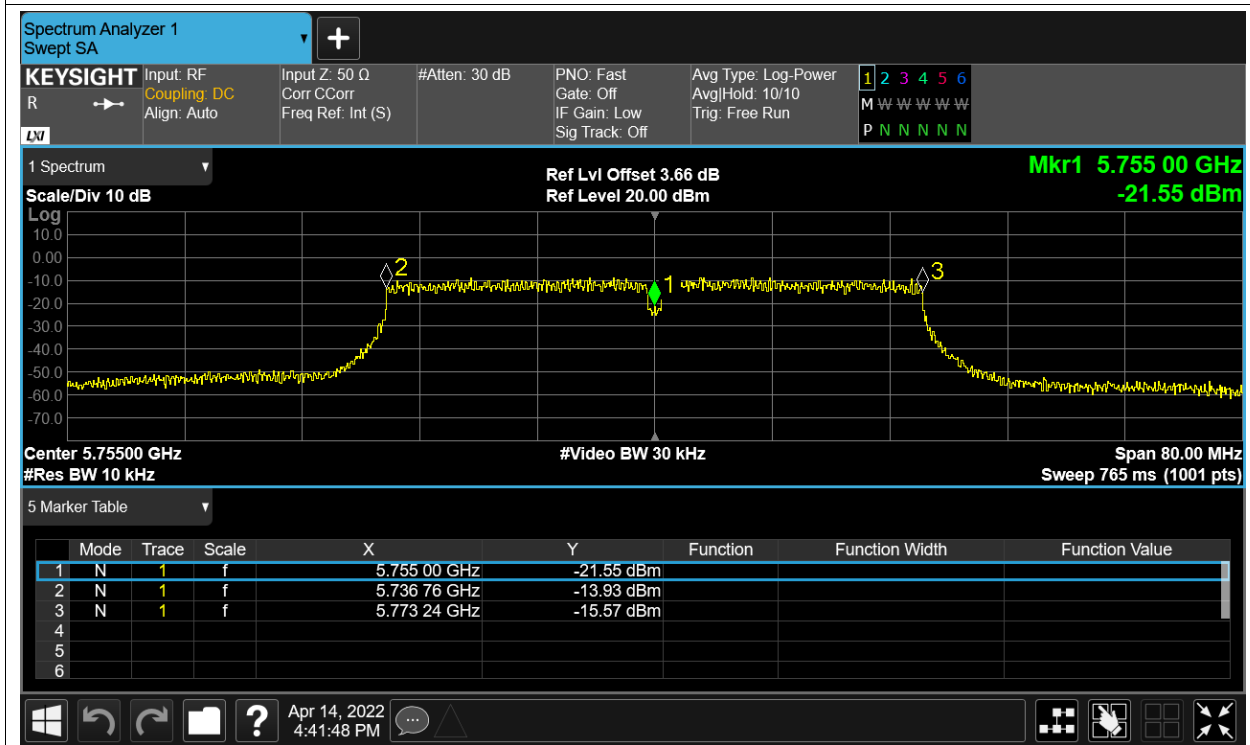
Freq. Stability NVHT n40 5755MHz Sum



Freq. Stability NVLT n40 5755MHz Sum



Freq. Stability NVNT n40 5755MHz Sum

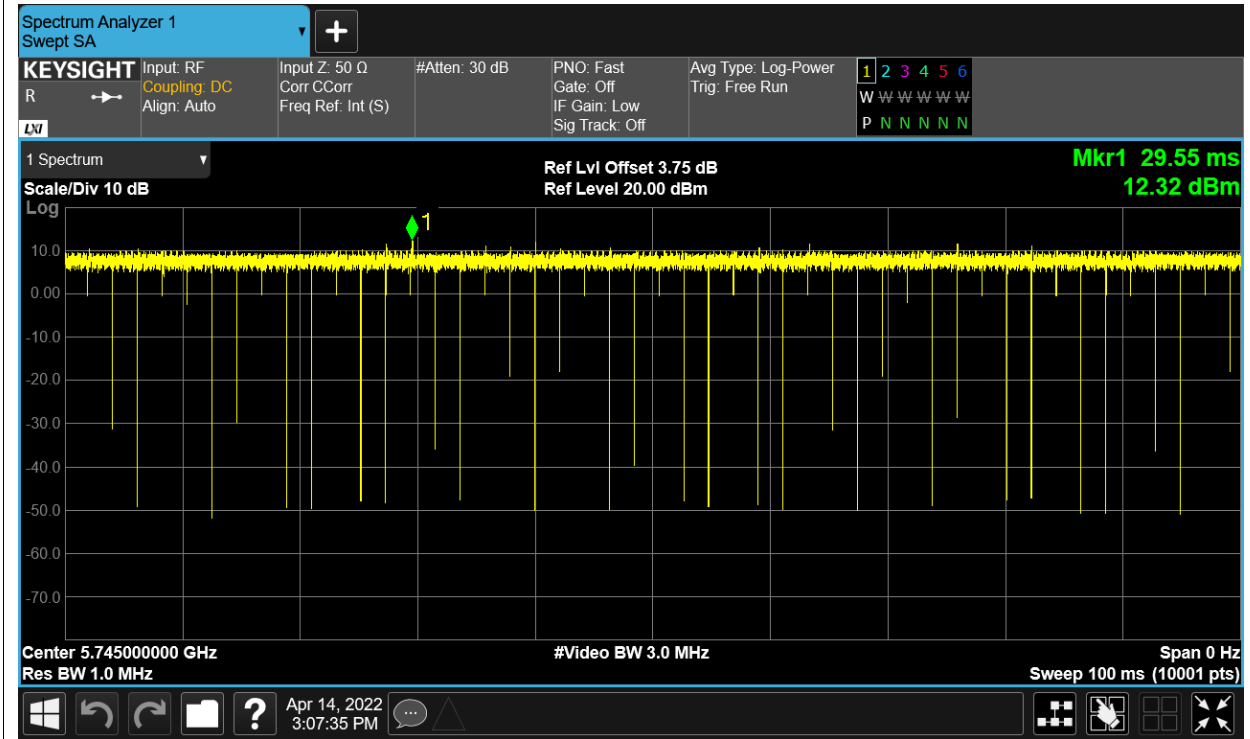


Duty Cycle

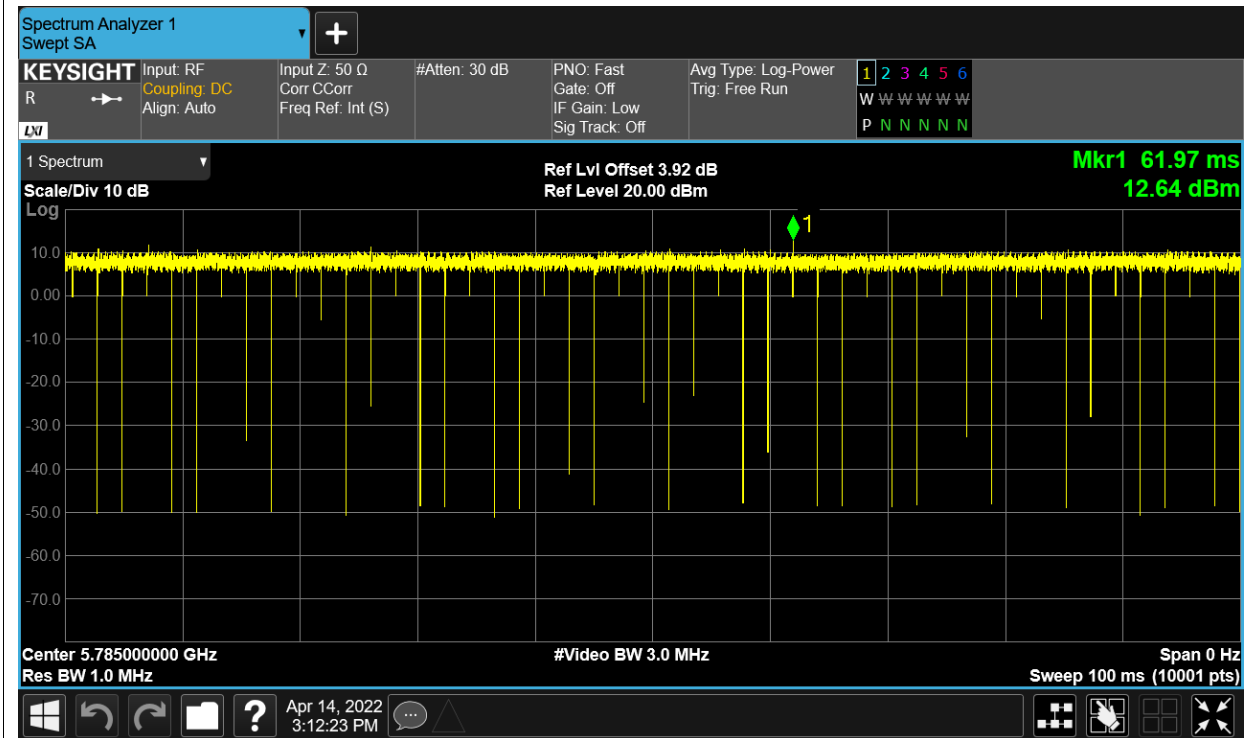
Condition	Mode	Frequency (MHz)	Antenna	Duty Cycle (%)	Correction Factor (dB)
NVNT	a	5745	Ant1	99.8	0.01
NVNT	a	5785	Ant1	99.76	0.01
NVNT	a	5825	Ant1	99.77	0.01
NVNT	a	5745	Ant2	99.76	0.01
NVNT	a	5785	Ant2	99.77	0.01
NVNT	a	5825	Ant2	99.76	0.01
NVNT	ac20	5745	Sum	99.89	0
NVNT	ac20	5785	Sum	99.9	0
NVNT	ac20	5825	Sum	99.89	0
NVNT	ac40	5755	Sum	99.89	0
NVNT	ac40	5795	Sum	99.9	0
NVNT	ac80	5775	Sum	99.92	0
NVNT	ax20	5745	Sum	99.91	0
NVNT	ax20	5785	Sum	99.91	0
NVNT	ax20	5825	Sum	99.9	0
NVNT	ax40	5755	Sum	99.92	0
NVNT	ax40	5795	Sum	99.9	0
NVNT	ax80	5775	Sum	99.93	0
NVNT	n20	5745	Sum	99.91	0
NVNT	n20	5785	Sum	99.92	0
NVNT	n20	5825	Sum	99.91	0
NVNT	n40	5755	Sum	99.91	0
NVNT	n40	5795	Sum	99.91	0

Test Graphs

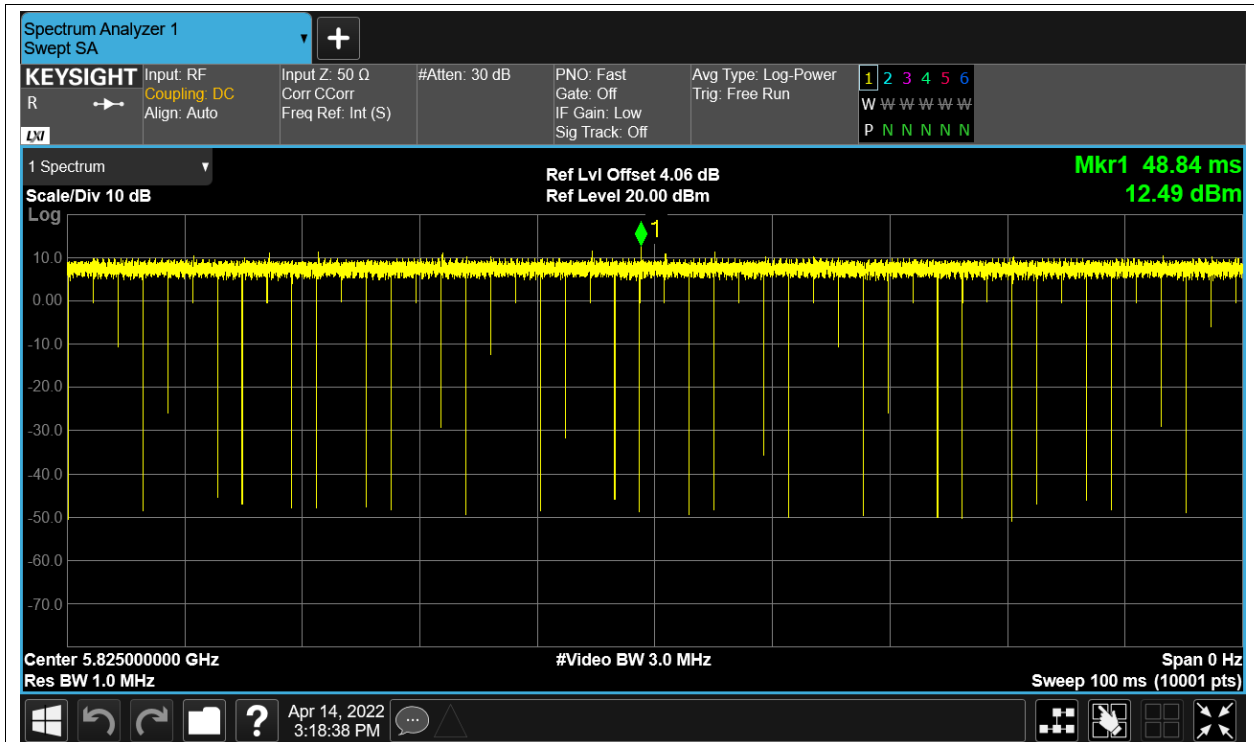
Duty Cycle NVNT a 5745MHz Ant1



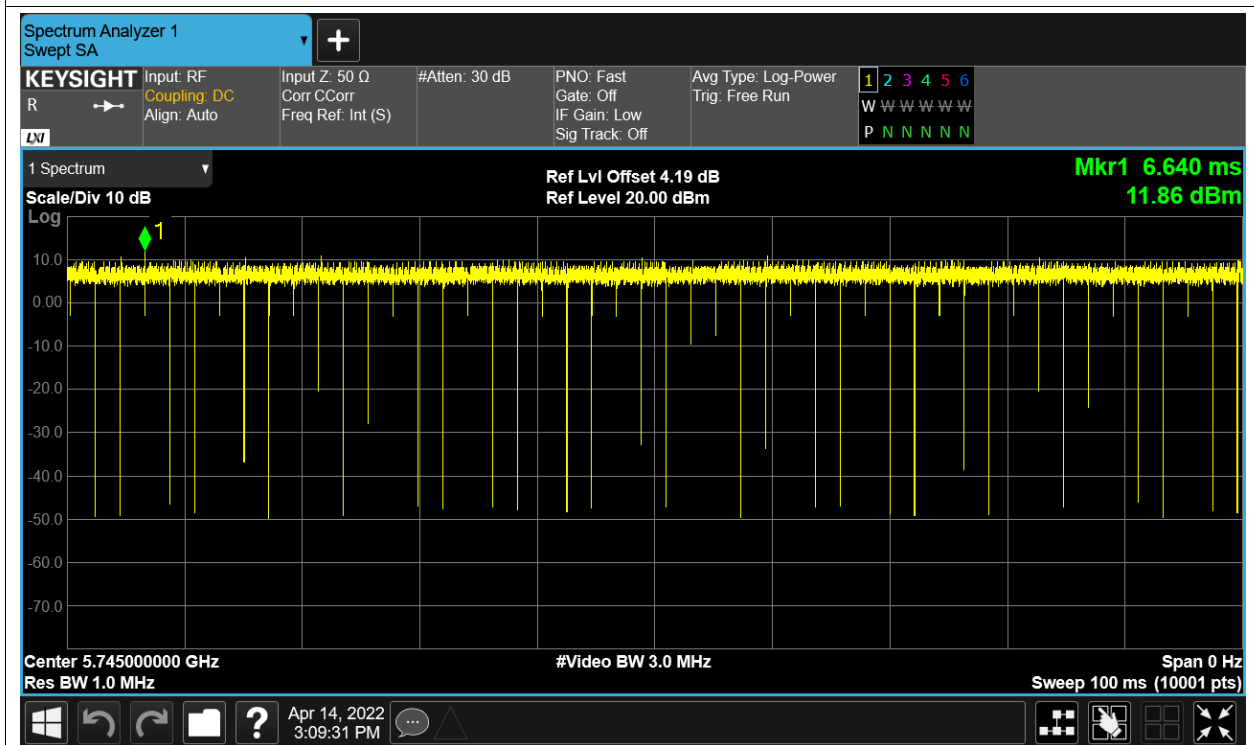
Duty Cycle NVNT a 5785MHz Ant1



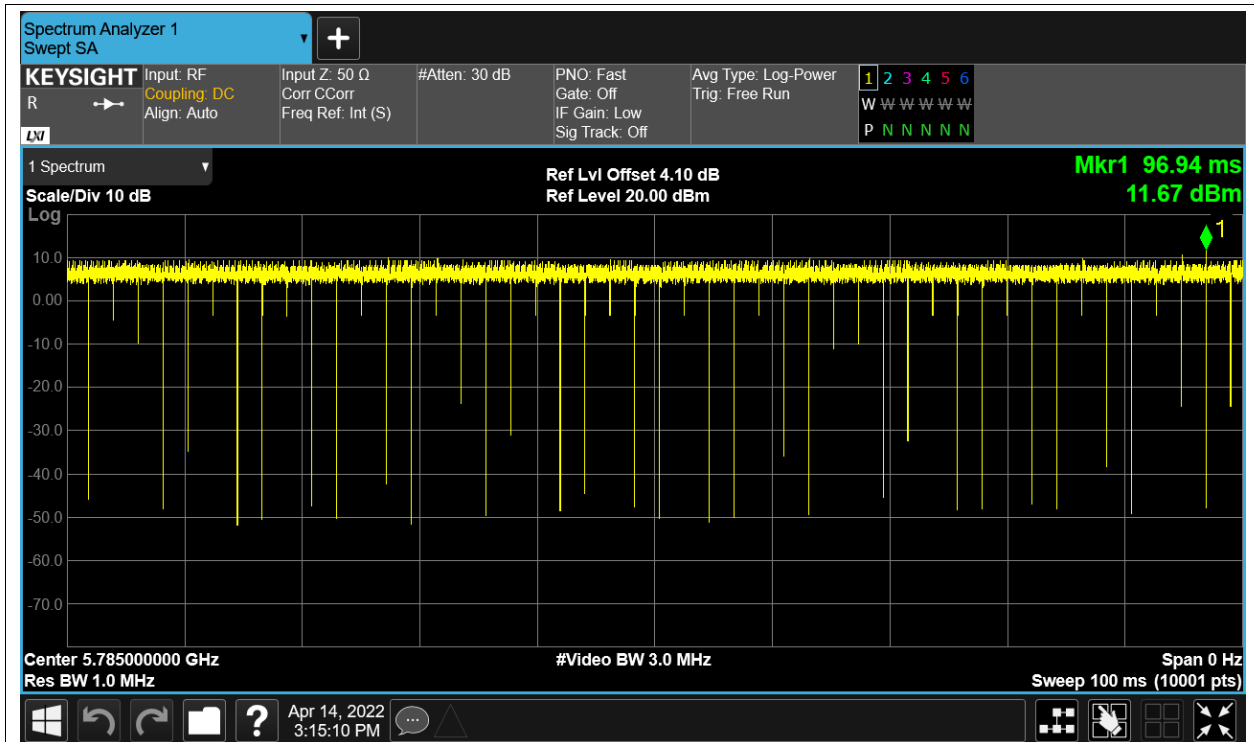
Duty Cycle NVNT a 5825MHz Ant1



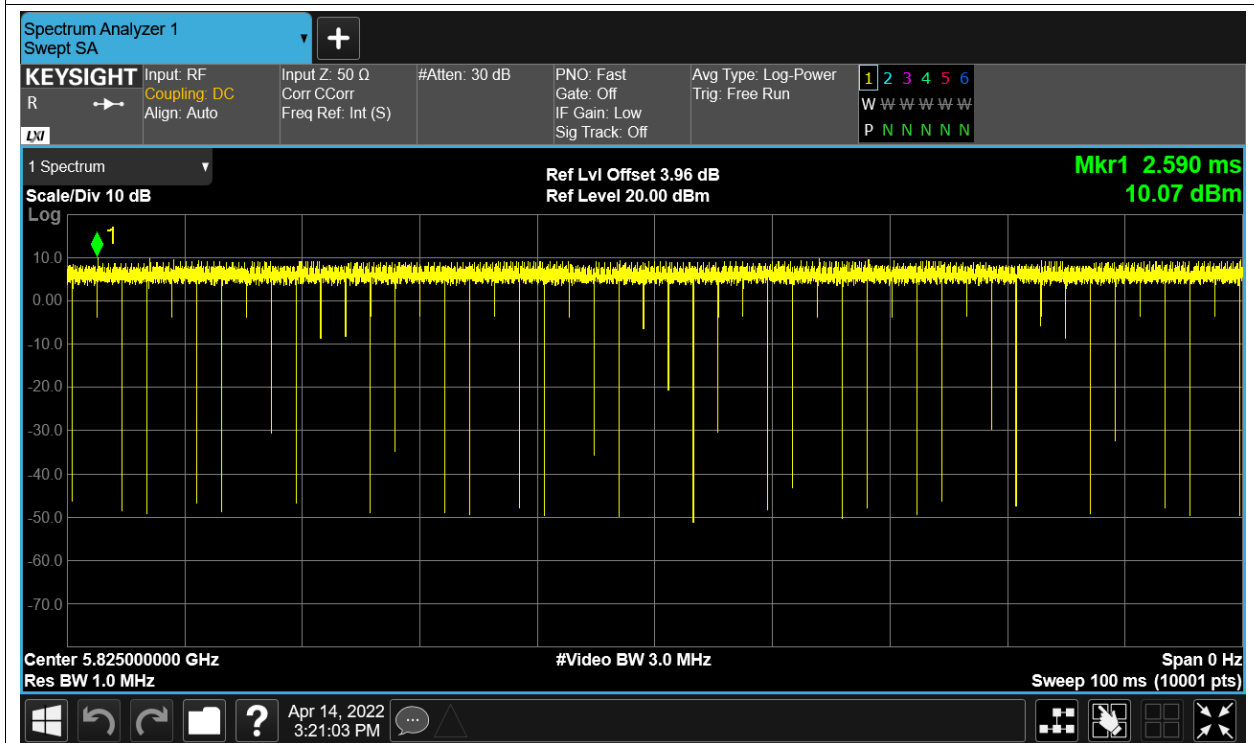
Duty Cycle NVNT a 5745MHz Ant2



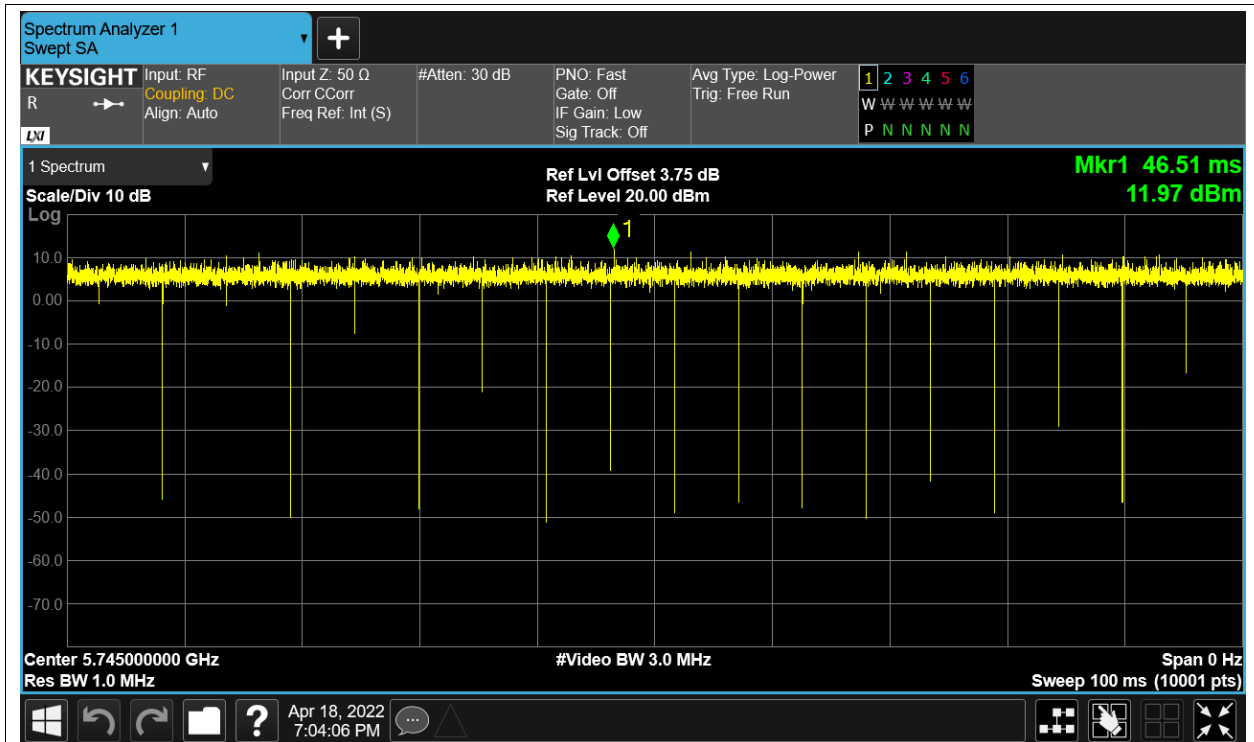
Duty Cycle NVNT a 5785MHz Ant2



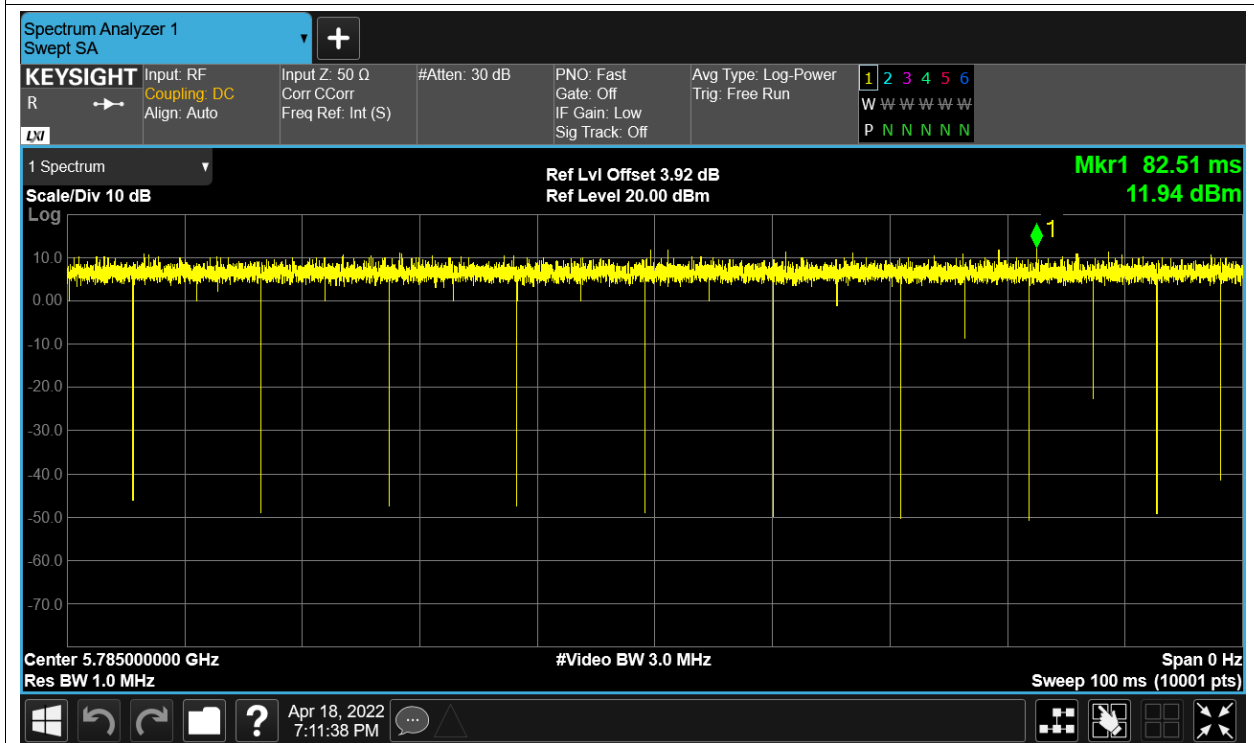
Duty Cycle NVNT a 5825MHz Ant2



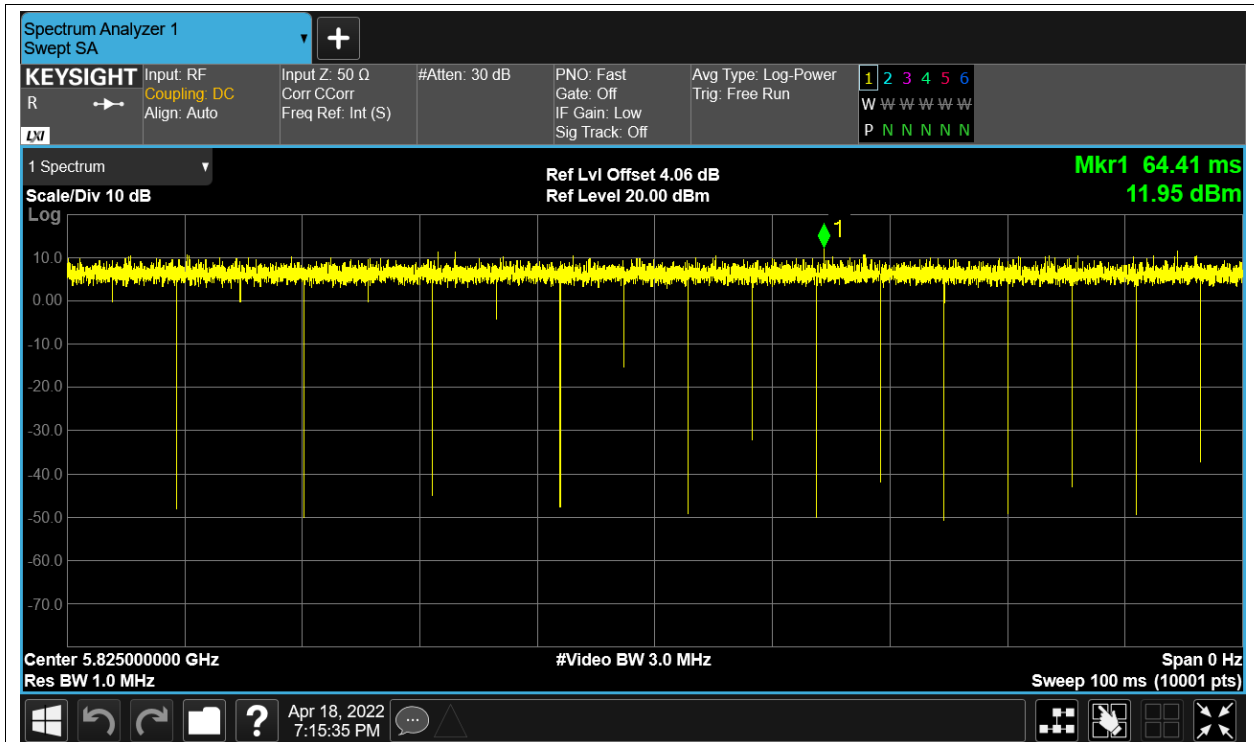
Duty Cycle NVNT ac20 5745MHz Sum



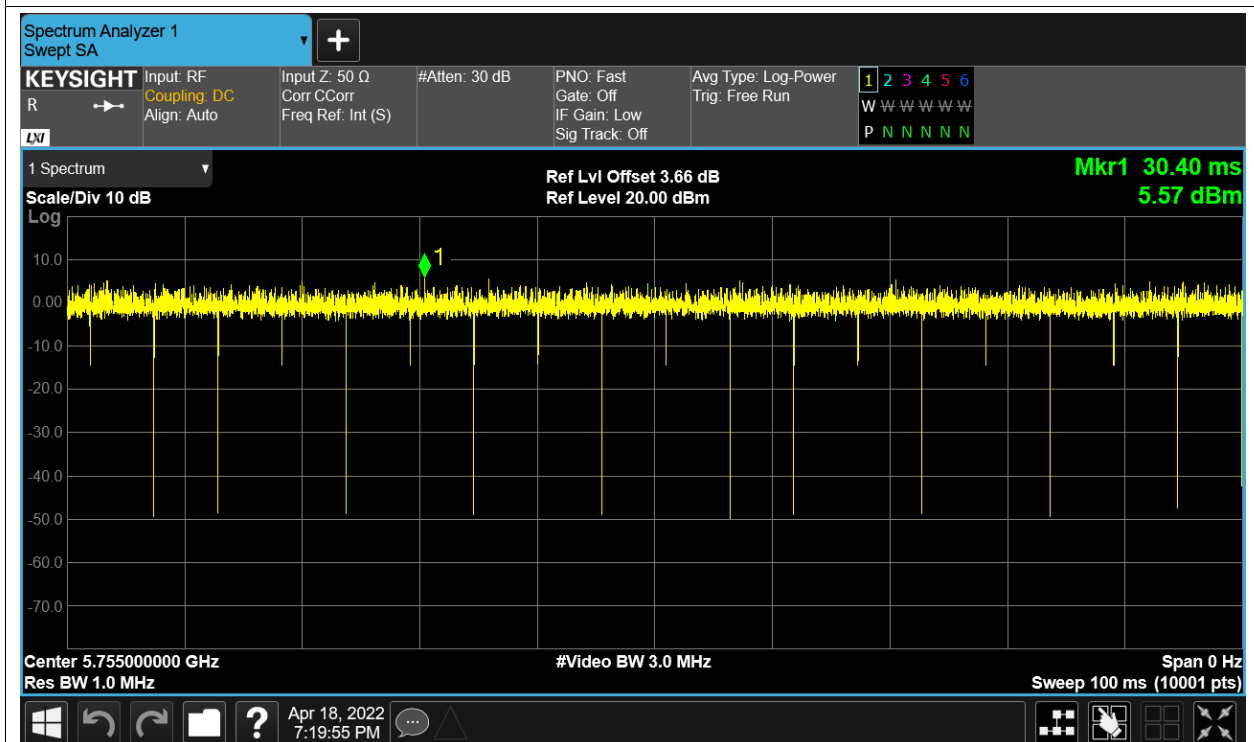
Duty Cycle NVNT ac20 5785MHz Sum



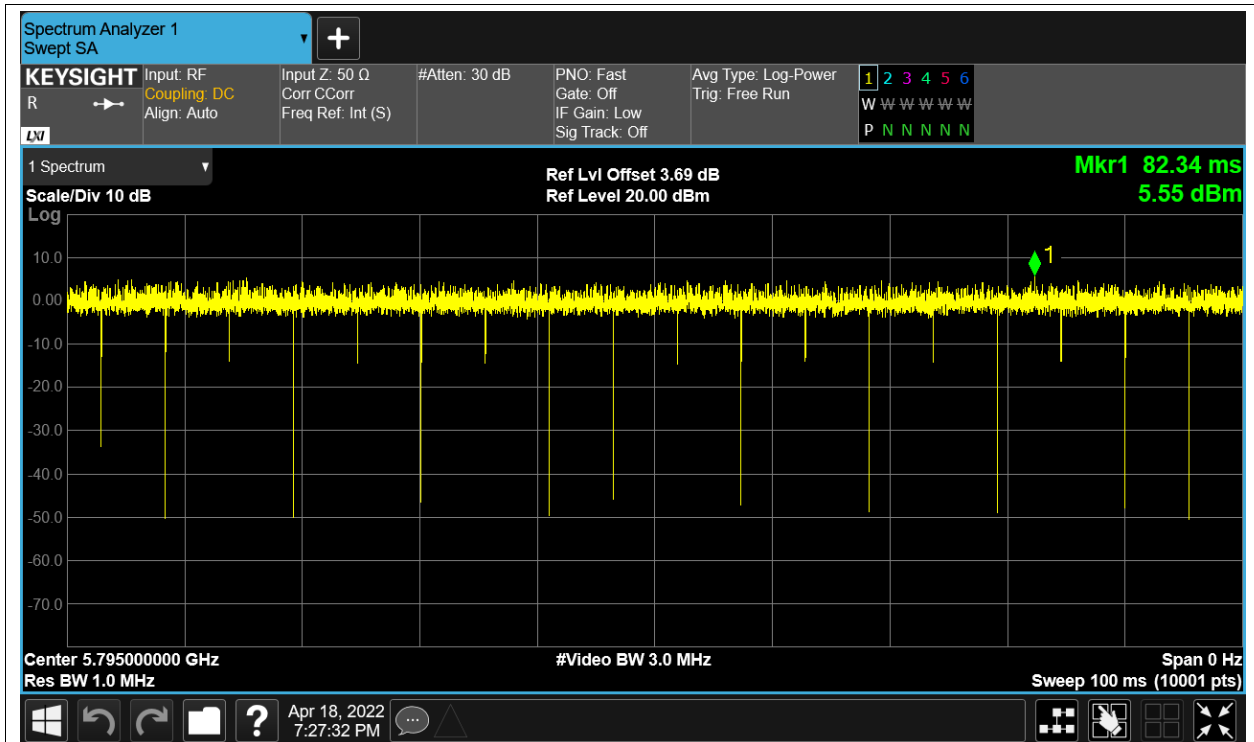
Duty Cycle NVNT ac20 5825MHz Sum



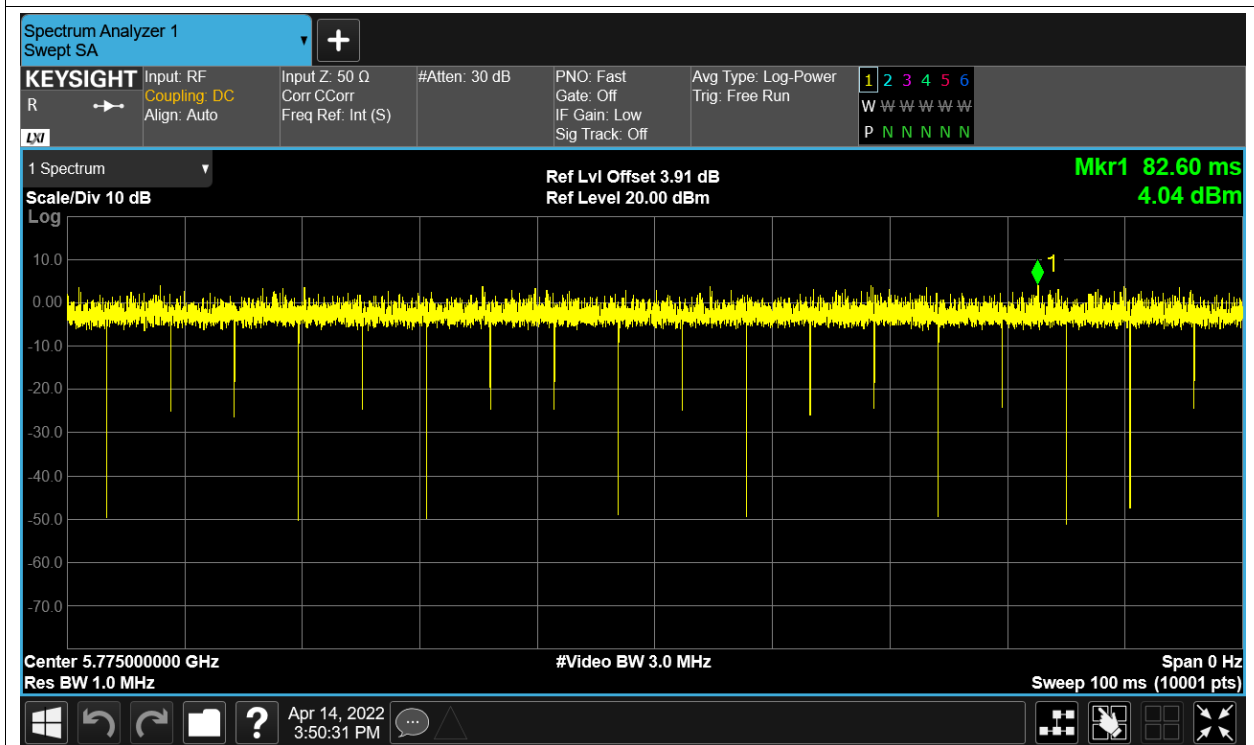
Duty Cycle NVNT ac40 5755MHz Sum



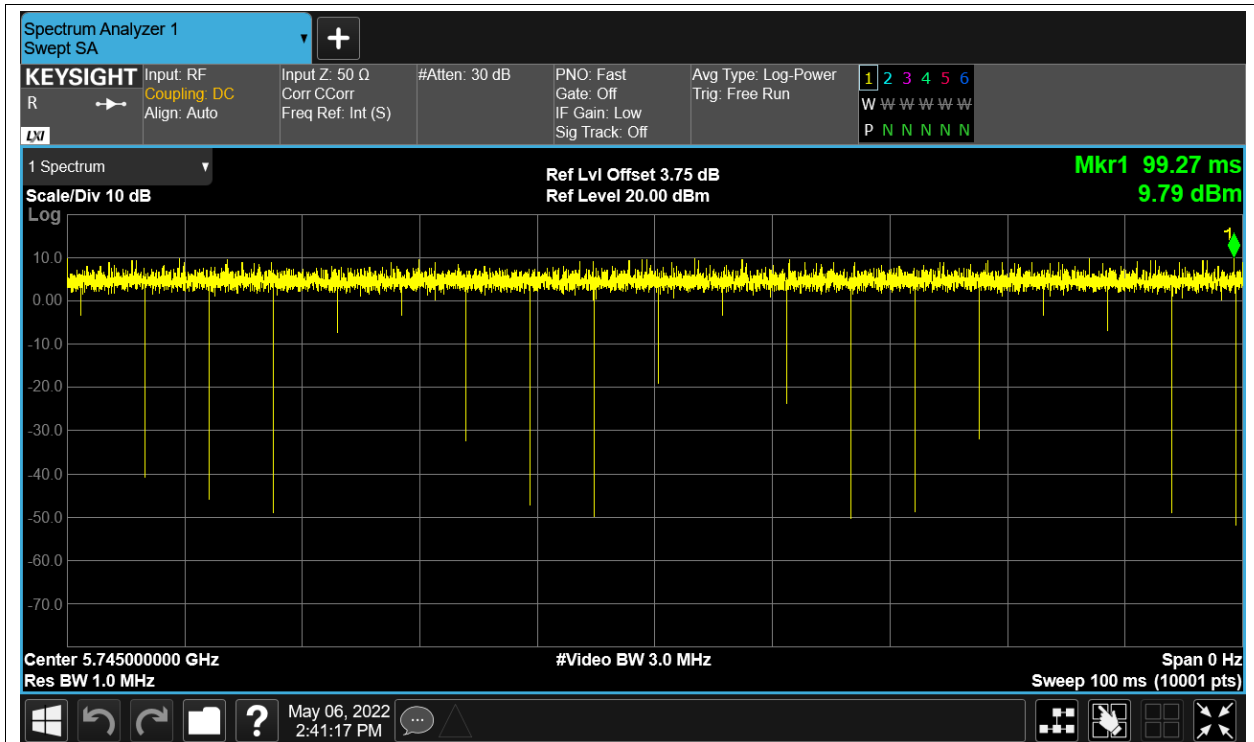
Duty Cycle NVNT ac40 5795MHz Sum



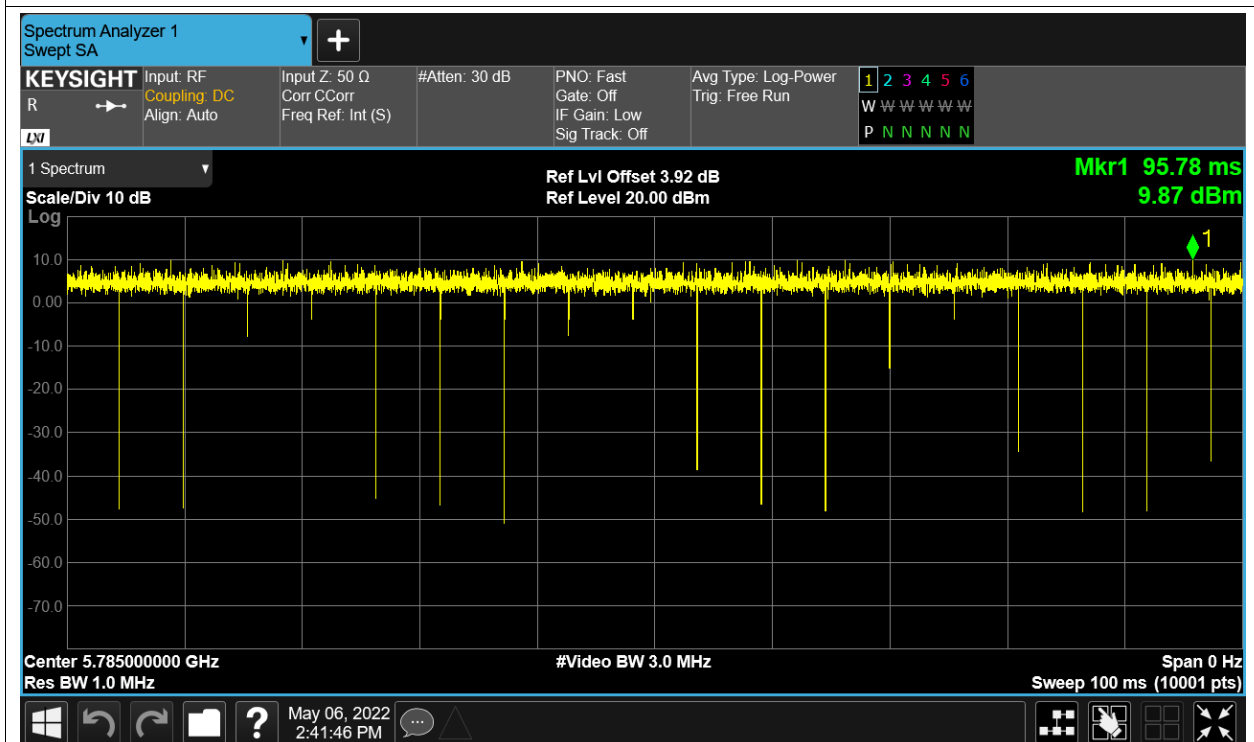
Duty Cycle NVNT ac80 5775MHz Sum



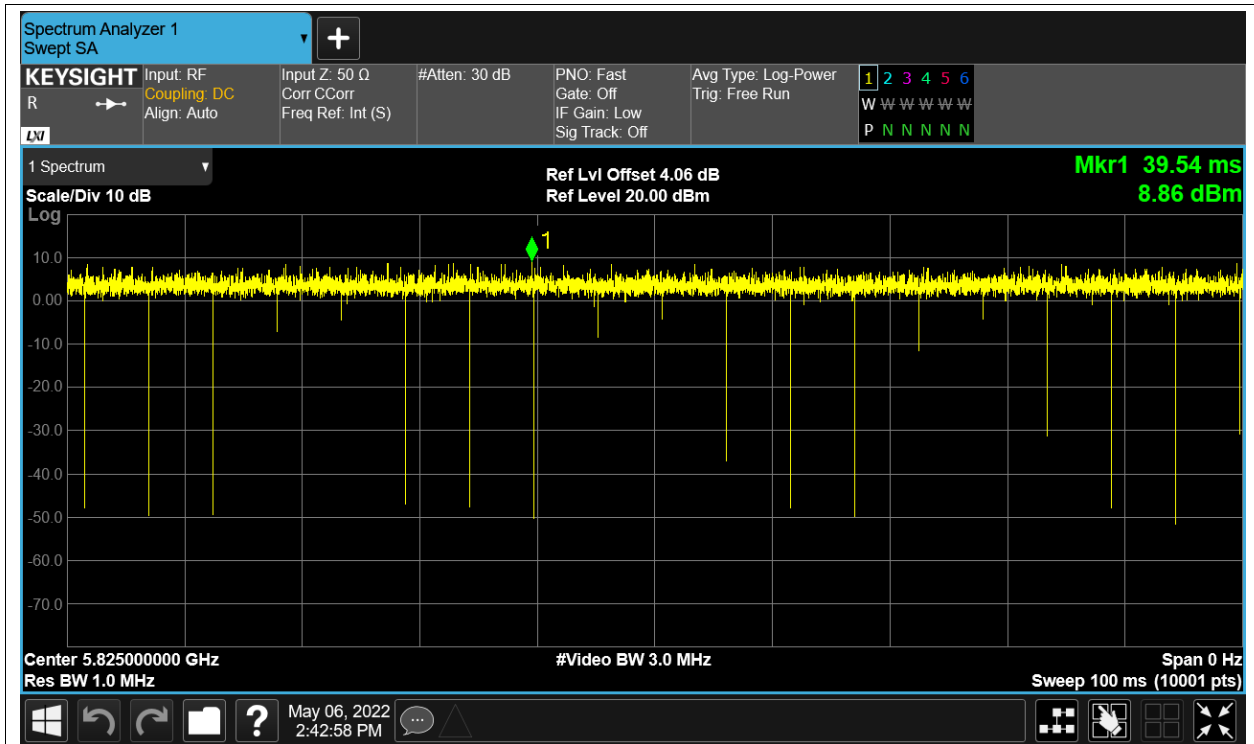
Duty Cycle NVNT ax20 5745MHz Sum



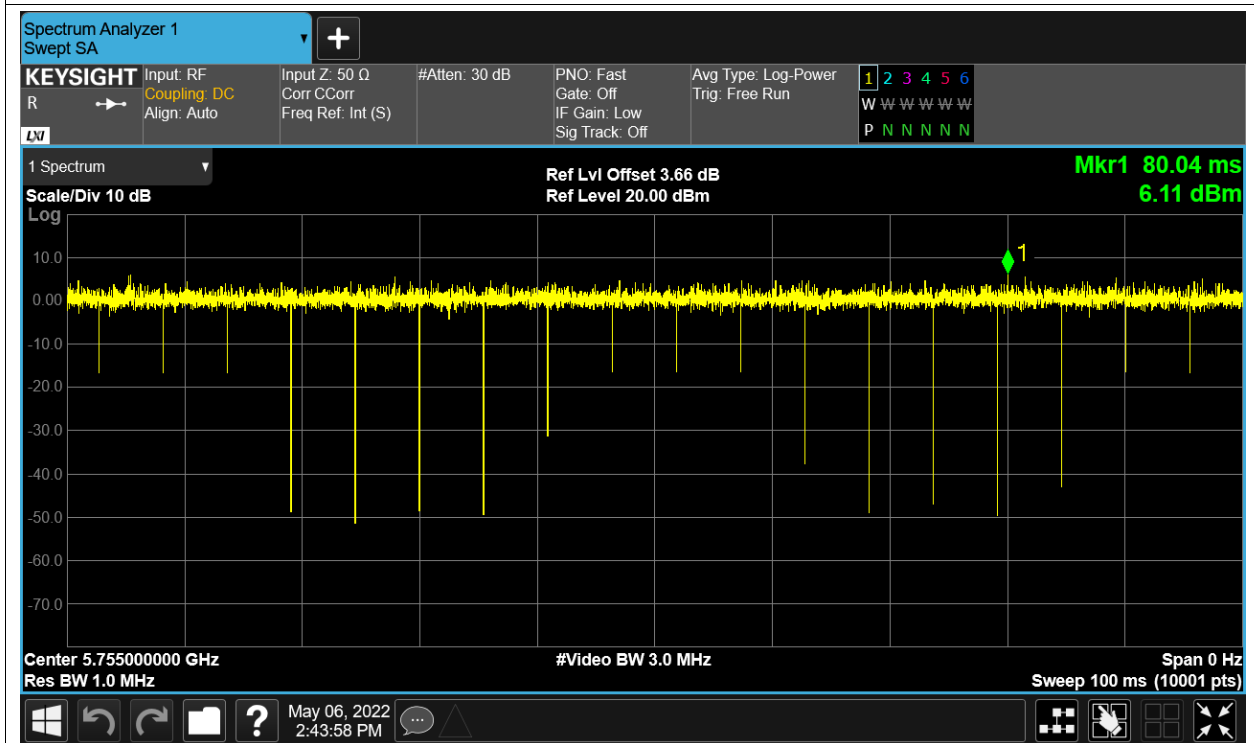
Duty Cycle NVNT ax20 5785MHz Sum



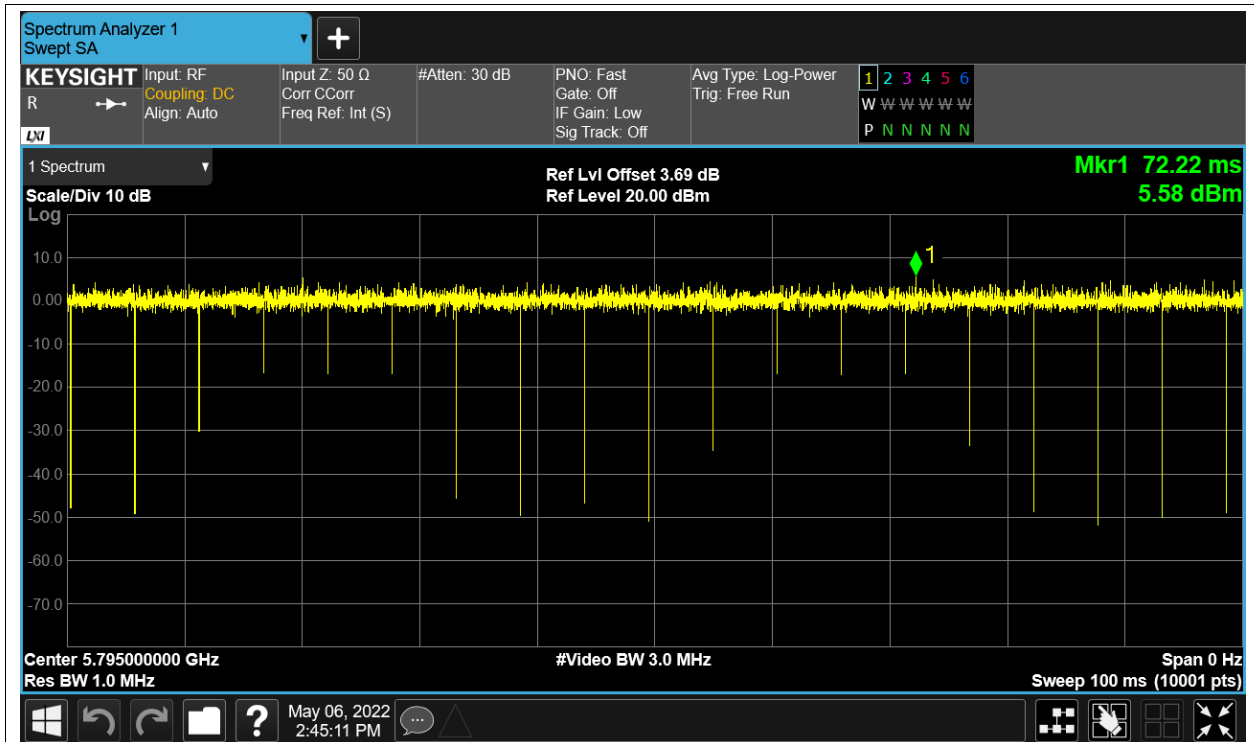
Duty Cycle NVNT ax20 5825MHz Sum



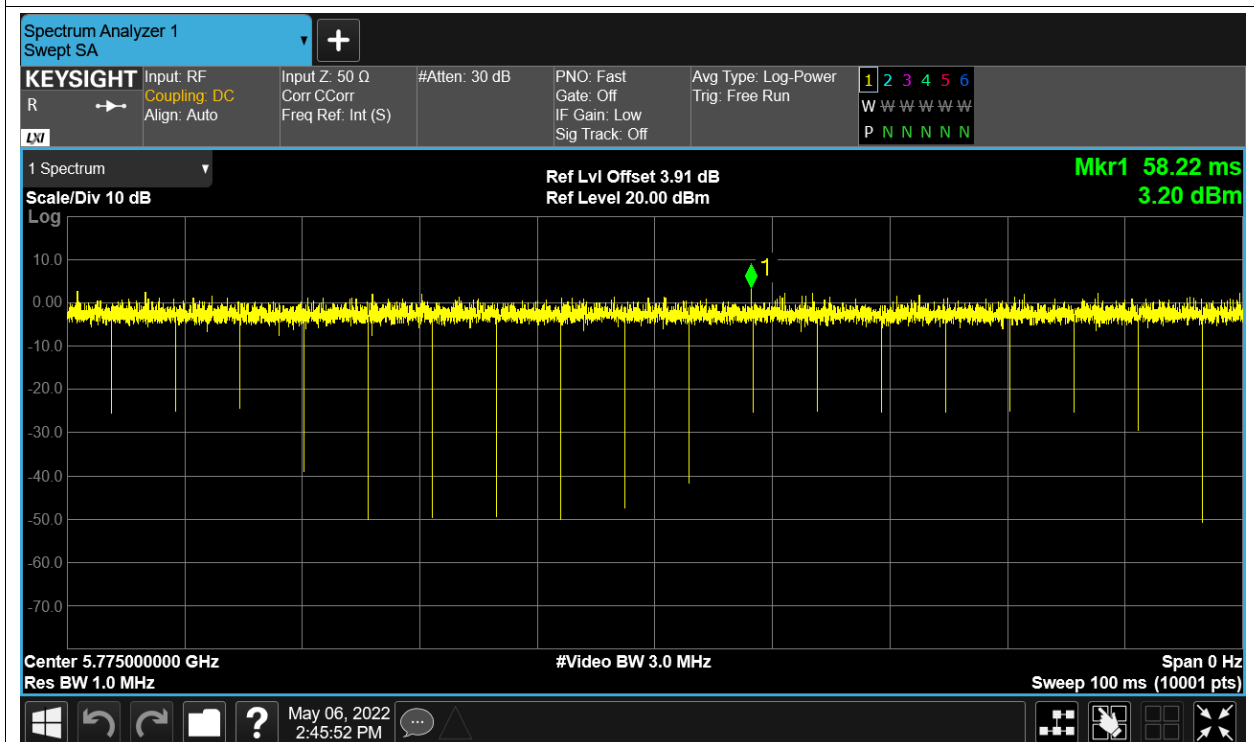
Duty Cycle NVNT ax40 5755MHz Sum



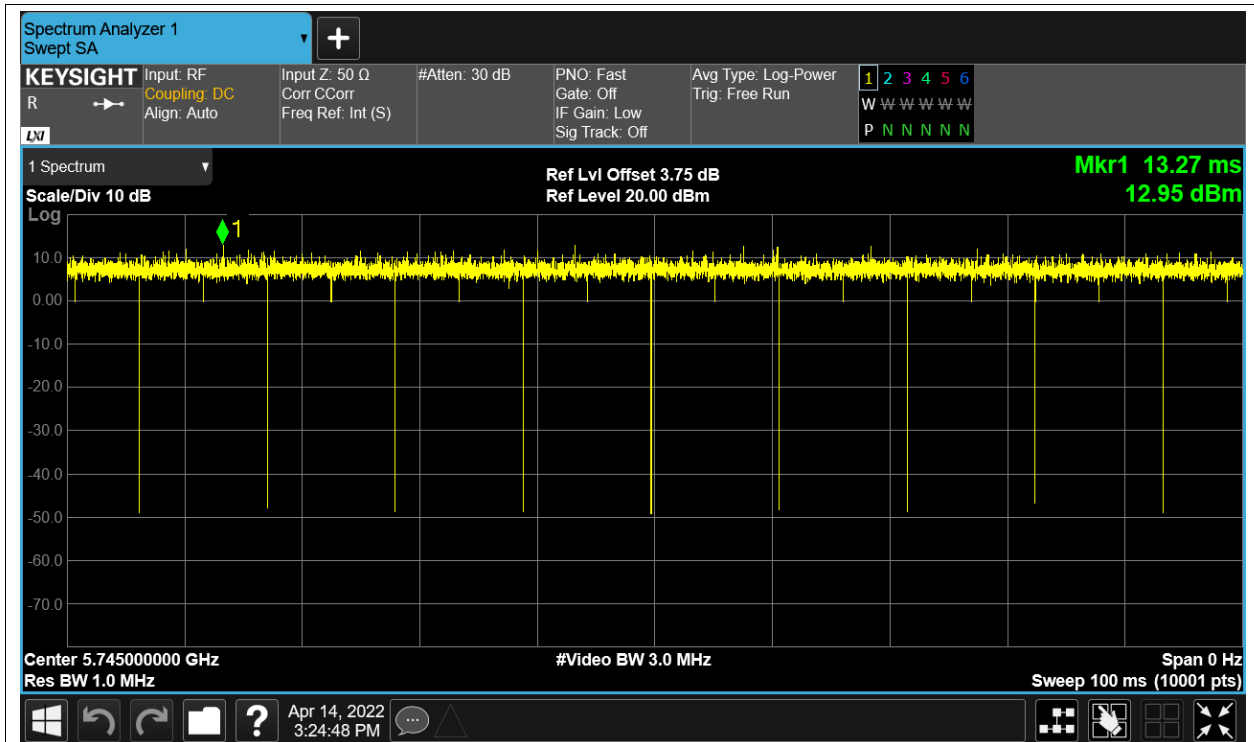
Duty Cycle NVNT ax40 5795MHz Sum



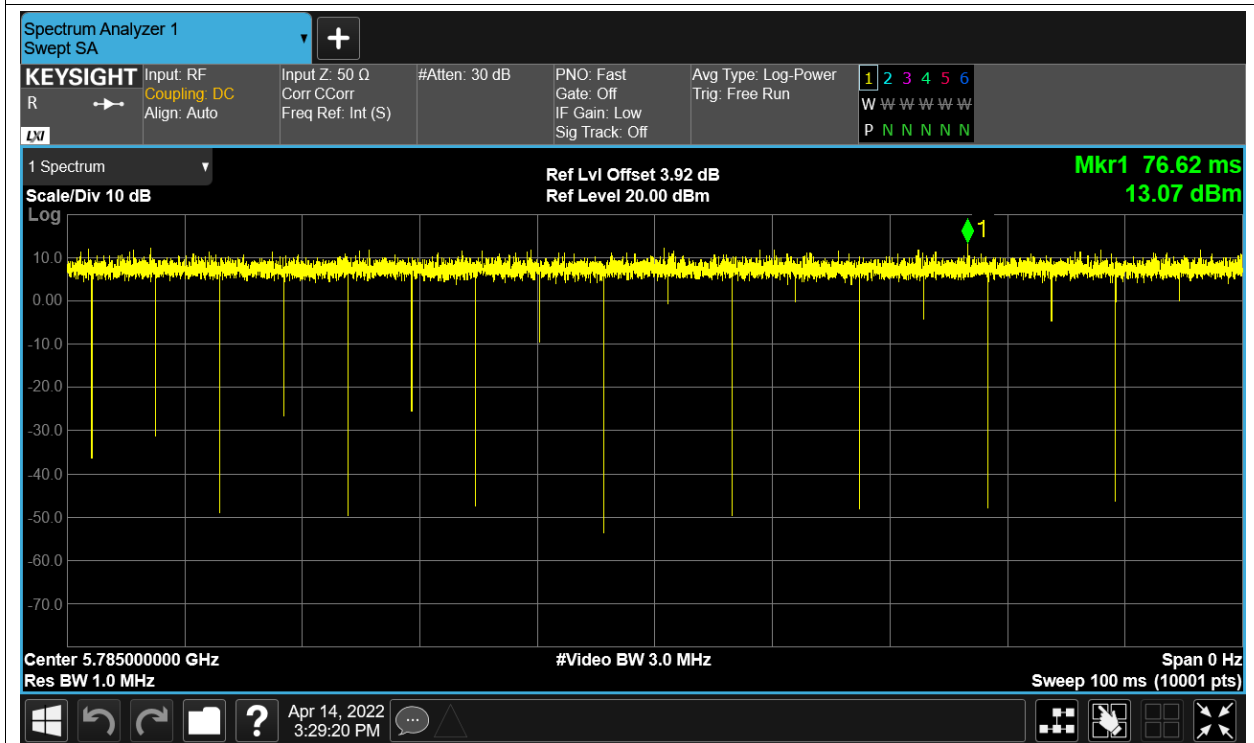
Duty Cycle NVNT ax80 5775MHz Sum



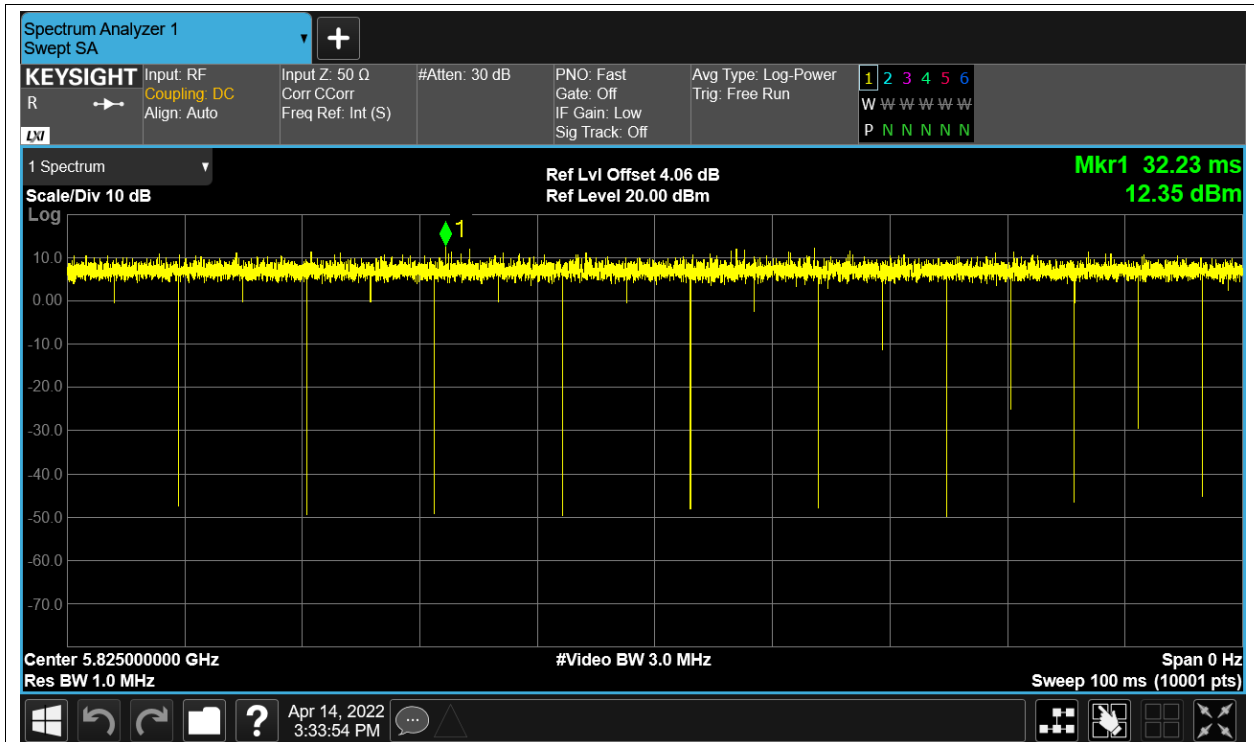
Duty Cycle NVNT n20 5745MHz Sum



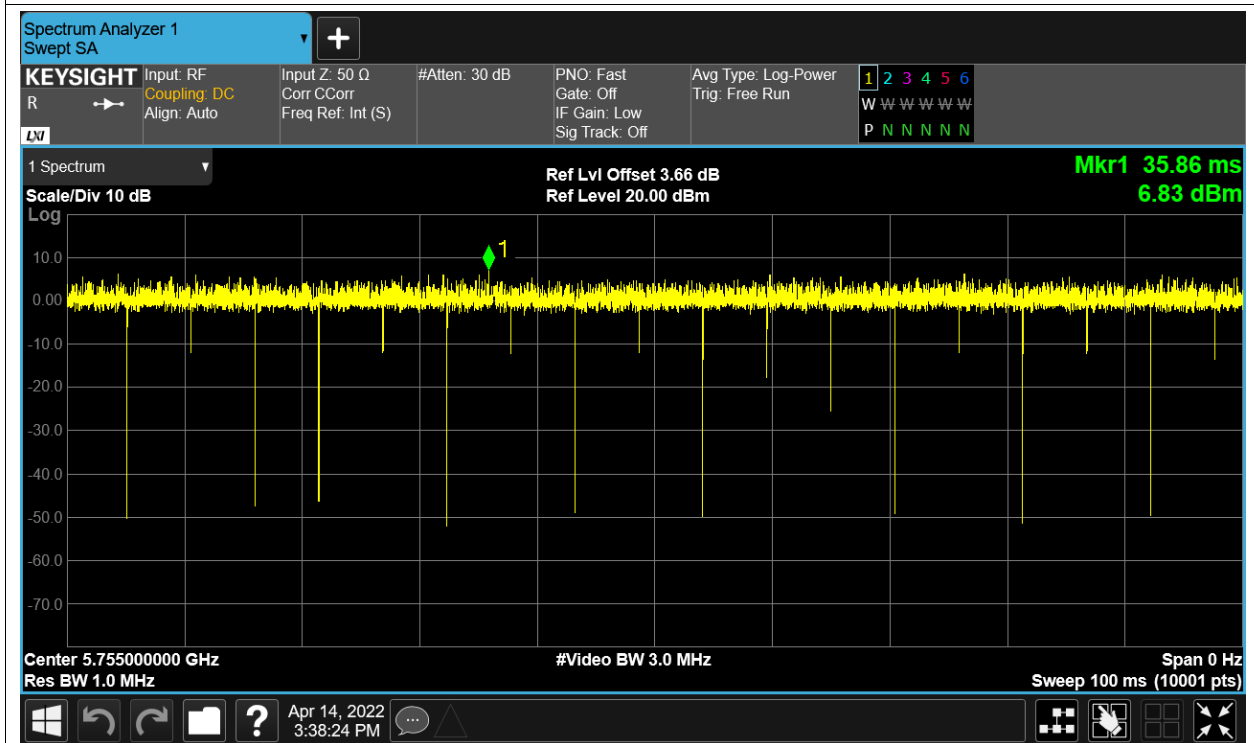
Duty Cycle NVNT n20 5785MHz Sum



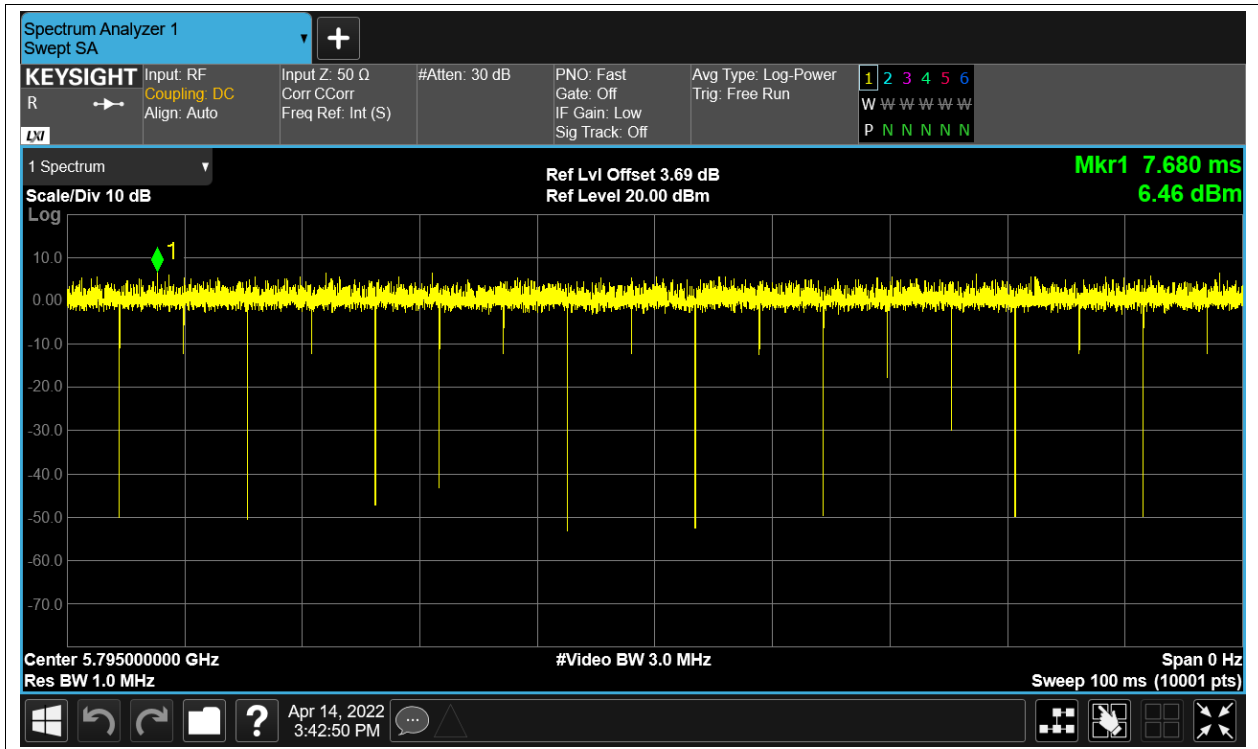
Duty Cycle NVNT n20 5825MHz Sum



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	15.82	0.01	15.83	30	Pass
NVNT	a	5785	Ant1	16.23	0.01	16.24	30	Pass
NVNT	a	5825	Ant1	15.98	0.01	15.99	30	Pass
NVNT	a	5745	Ant2	14.13	0.01	14.14	30	Pass
NVNT	a	5785	Ant2	13.54	0.01	13.55	30	Pass
NVNT	a	5825	Ant2	14.64	0.01	14.65	30	Pass
NVNT	ac20	5745	Ant1	14.23	0	14.23	30	Pass
NVNT	ac20	5745	Ant2	15.32	0	15.32	30	Pass
NVNT	ac20	5745	Sum	17.819	0	17.819	30	Pass
NVNT	ac20	5785	Ant1	15.28	0	15.28	30	Pass
NVNT	ac20	5785	Ant2	16.07	0	16.07	30	Pass
NVNT	ac20	5785	Sum	18.703	0	18.703	30	Pass
NVNT	ac20	5825	Ant1	14.79	0	14.79	30	Pass
NVNT	ac20	5825	Ant2	14.72	0	14.72	30	Pass
NVNT	ac20	5825	Sum	17.765	0	17.765	30	Pass
NVNT	ac40	5755	Ant1	14.3	0	14.3	30	Pass
NVNT	ac40	5755	Ant2	15.44	0	15.44	30	Pass
NVNT	ac40	5755	Sum	17.918	0	17.918	30	Pass
NVNT	ac40	5795	Ant1	14.93	0	14.93	30	Pass
NVNT	ac40	5795	Ant2	15.67	0	15.67	30	Pass
NVNT	ac40	5795	Sum	18.326	0	18.326	30	Pass
NVNT	ac80	5775	Ant1	15.29	0	15.29	30	Pass
NVNT	ac80	5775	Ant2	13.42	0	13.42	30	Pass
NVNT	ac80	5775	Sum	17.465	0	17.465	30	Pass
NVNT	ax20	5745	Ant1	12.02	0	12.02	30	Pass
NVNT	ax20	5745	Ant2	11.41	0	11.41	30	Pass
NVNT	ax20	5745	Sum	14.736	0	14.736	30	Pass
NVNT	ax20	5785	Ant1	13.45	0	13.45	30	Pass
NVNT	ax20	5785	Ant2	11.75	0	11.75	30	Pass
NVNT	ax20	5785	Sum	15.693	0	15.693	30	Pass
NVNT	ax20	5825	Ant1	11.84	0	11.84	30	Pass
NVNT	ax20	5825	Ant2	11.84	0	11.84	30	Pass
NVNT	ax20	5825	Sum	14.85	0	14.85	30	Pass
NVNT	ax40	5755	Ant1	12.16	0	12.16	30	Pass
NVNT	ax40	5755	Ant2	10.65	0	10.65	30	Pass
NVNT	ax40	5755	Sum	14.481	0	14.481	30	Pass
NVNT	ax40	5795	Ant1	12.89	0	12.89	30	Pass
NVNT	ax40	5795	Ant2	11.6	0	11.6	30	Pass
NVNT	ax40	5795	Sum	15.303	0	15.303	30	Pass
NVNT	ax80	5775	Ant1	11.27	0	11.27	30	Pass

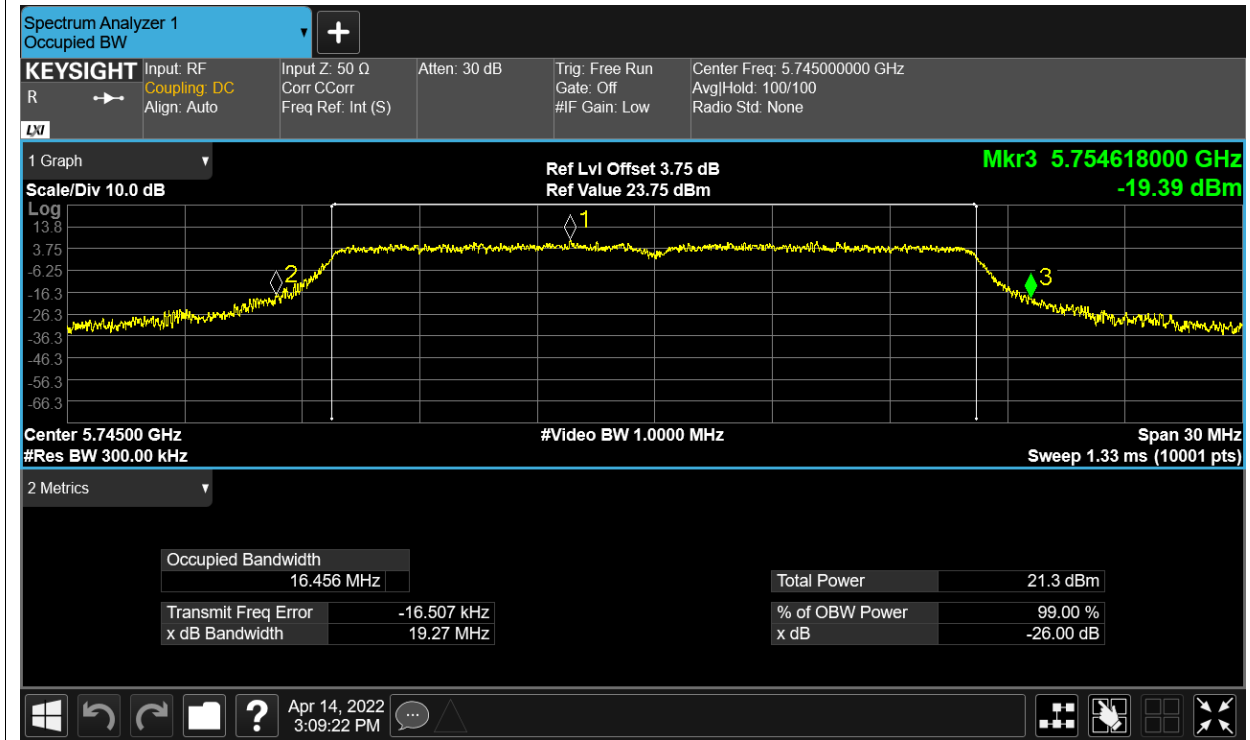
NVNT	ax80	5775	Ant2	10.8	0	10.8	30	Pass
NVNT	ax80	5775	Sum	14.052	0	14.052	30	Pass
NVNT	n20	5745	Ant1	15.71	0	15.71	30	Pass
NVNT	n20	5745	Ant2	14.1	0	14.1	30	Pass
NVNT	n20	5745	Sum	17.989	0	17.989	30	Pass
NVNT	n20	5785	Ant1	16.16	0	16.16	30	Pass
NVNT	n20	5785	Ant2	13.49	0	13.49	30	Pass
NVNT	n20	5785	Sum	18.037	0	18.037	30	Pass
NVNT	n20	5825	Ant1	15.9	0	15.9	30	Pass
NVNT	n20	5825	Ant2	14.58	0	14.58	30	Pass
NVNT	n20	5825	Sum	18.3	0	18.3	30	Pass
NVNT	n40	5755	Ant1	15.55	0	15.55	30	Pass
NVNT	n40	5755	Ant2	14.02	0	14.02	30	Pass
NVNT	n40	5755	Sum	17.862	0	17.862	30	Pass
NVNT	n40	5795	Ant1	15.98	0	15.98	30	Pass
NVNT	n40	5795	Ant2	13.15	0	13.15	30	Pass
NVNT	n40	5795	Sum	17.802	0	17.802	30	Pass

-26dB Bandwidth

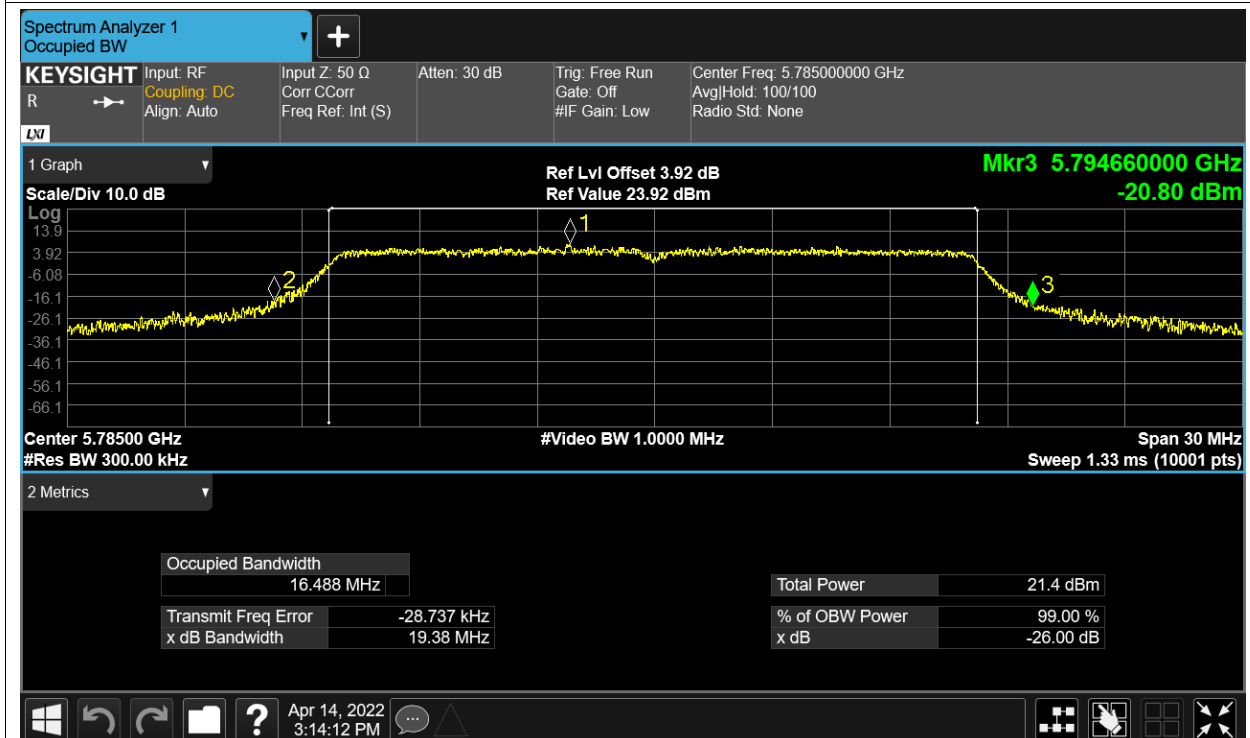
Condition	Mode	Frequency (MHz)	Antenna	-26 dB Bandwidth (MHz)
NVNT	a	5745	Ant1	19.269
NVNT	a	5785	Ant1	19.377
NVNT	a	5825	Ant1	19.32
NVNT	a	5745	Ant2	19.455
NVNT	a	5785	Ant2	19.122
NVNT	a	5825	Ant2	19.298
NVNT	ac20	5745	Ant1	20.606
NVNT	ac20	5745	Ant2	20.443
NVNT	ac20	5785	Ant1	20.465
NVNT	ac20	5785	Ant2	20.359
NVNT	ac20	5825	Ant1	20.391
NVNT	ac20	5825	Ant2	20.851
NVNT	ac40	5755	Ant1	39.089
NVNT	ac40	5755	Ant2	38.955
NVNT	ac40	5795	Ant1	39.309
NVNT	ac40	5795	Ant2	39.186
NVNT	ac80	5775	Ant1	79.668
NVNT	ac80	5775	Ant2	79.378
NVNT	ax20	5745	Ant1	20.979
NVNT	ax20	5745	Ant2	21.141
NVNT	ax20	5785	Ant1	20.815
NVNT	ax20	5785	Ant2	21.27
NVNT	ax20	5825	Ant1	21.23
NVNT	ax20	5825	Ant2	21.361
NVNT	ax40	5755	Ant1	40.695
NVNT	ax40	5755	Ant2	39.691
NVNT	ax40	5795	Ant1	39.608
NVNT	ax40	5795	Ant2	39.857
NVNT	ax80	5775	Ant1	80.162
NVNT	ax80	5775	Ant2	80.327
NVNT	n20	5745	Ant1	20.644
NVNT	n20	5745	Ant2	20.719
NVNT	n20	5785	Ant1	20.735
NVNT	n20	5785	Ant2	20.674
NVNT	n20	5825	Ant1	20.434
NVNT	n20	5825	Ant2	20.282
NVNT	n40	5755	Ant1	39.153
NVNT	n40	5755	Ant2	38.978
NVNT	n40	5795	Ant1	39.042
NVNT	n40	5795	Ant2	39.211

Test Graphs

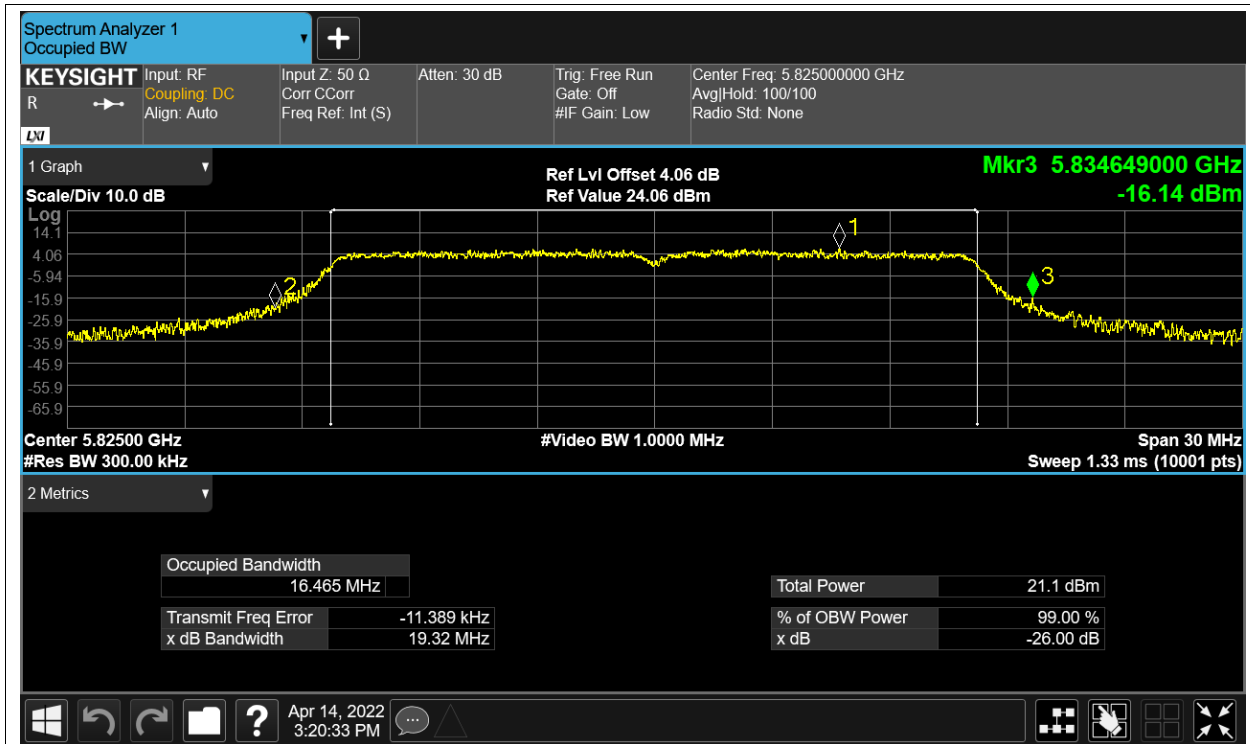
-26dB Bandwidth NVNT a 5745MHz Ant1



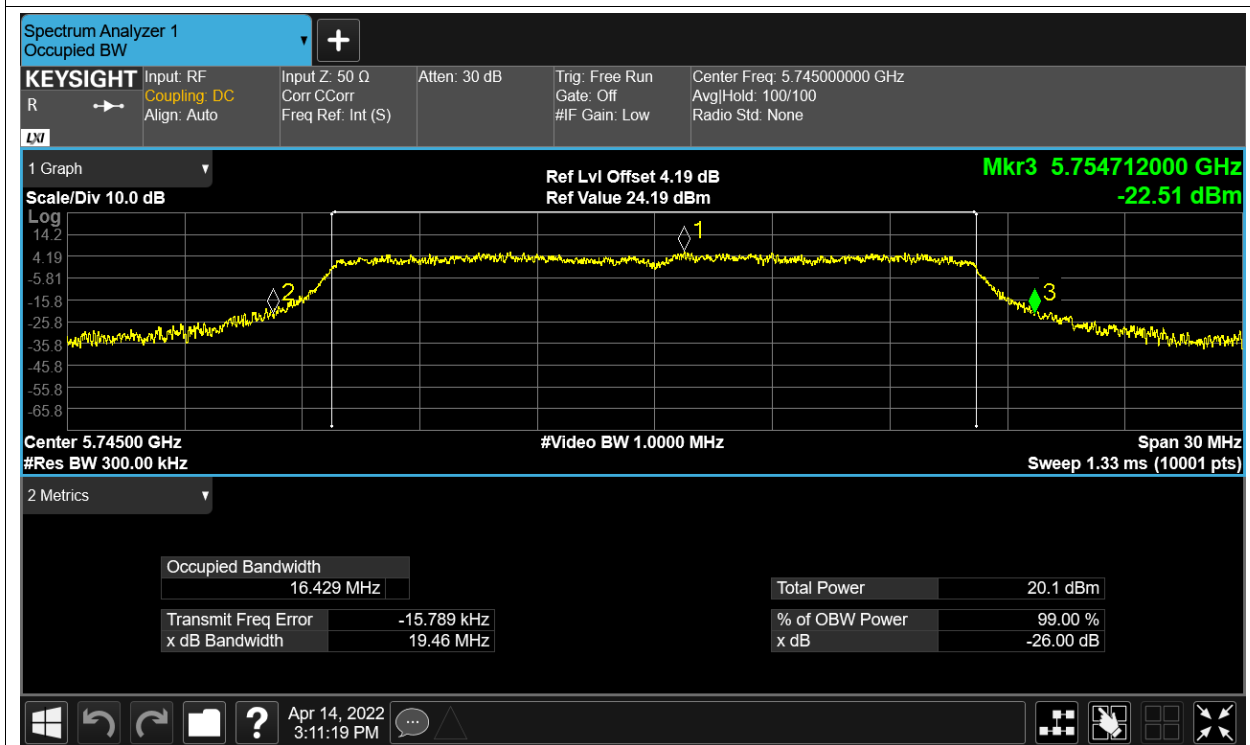
-26dB Bandwidth NVNT a 5785MHz Ant1



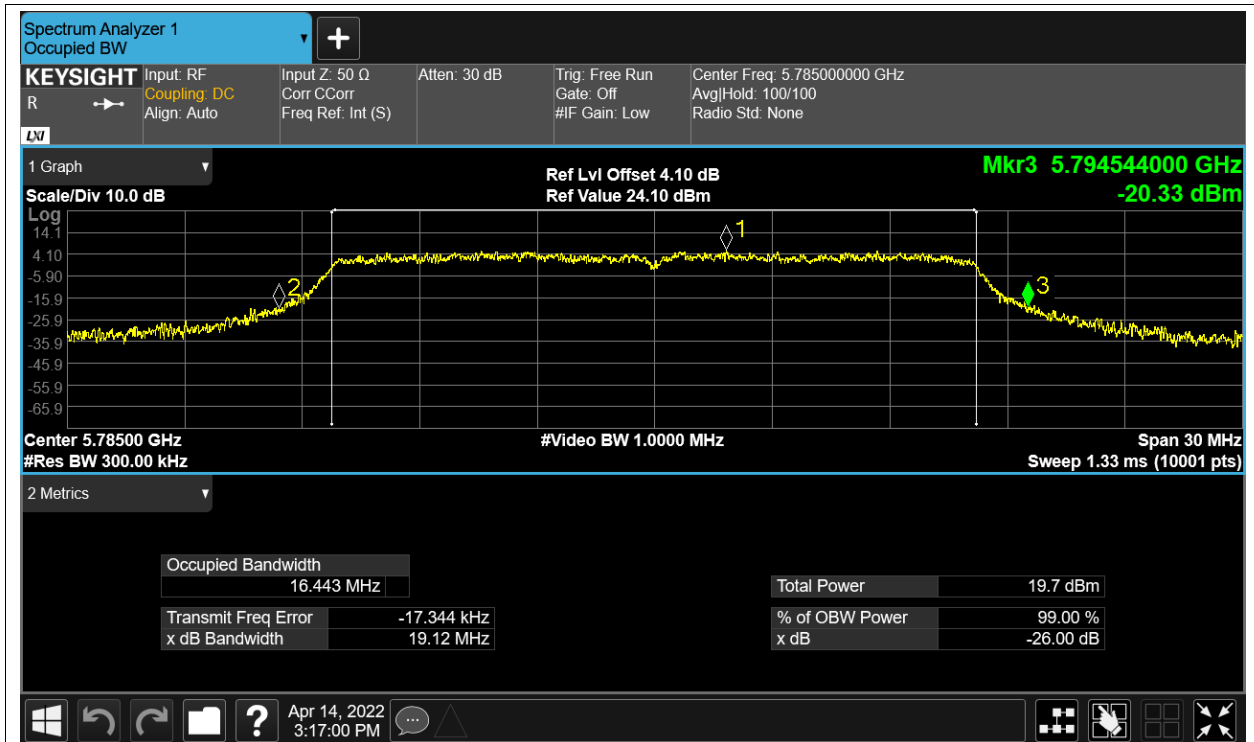
-26dB Bandwidth NVNT a 5825MHz Ant1



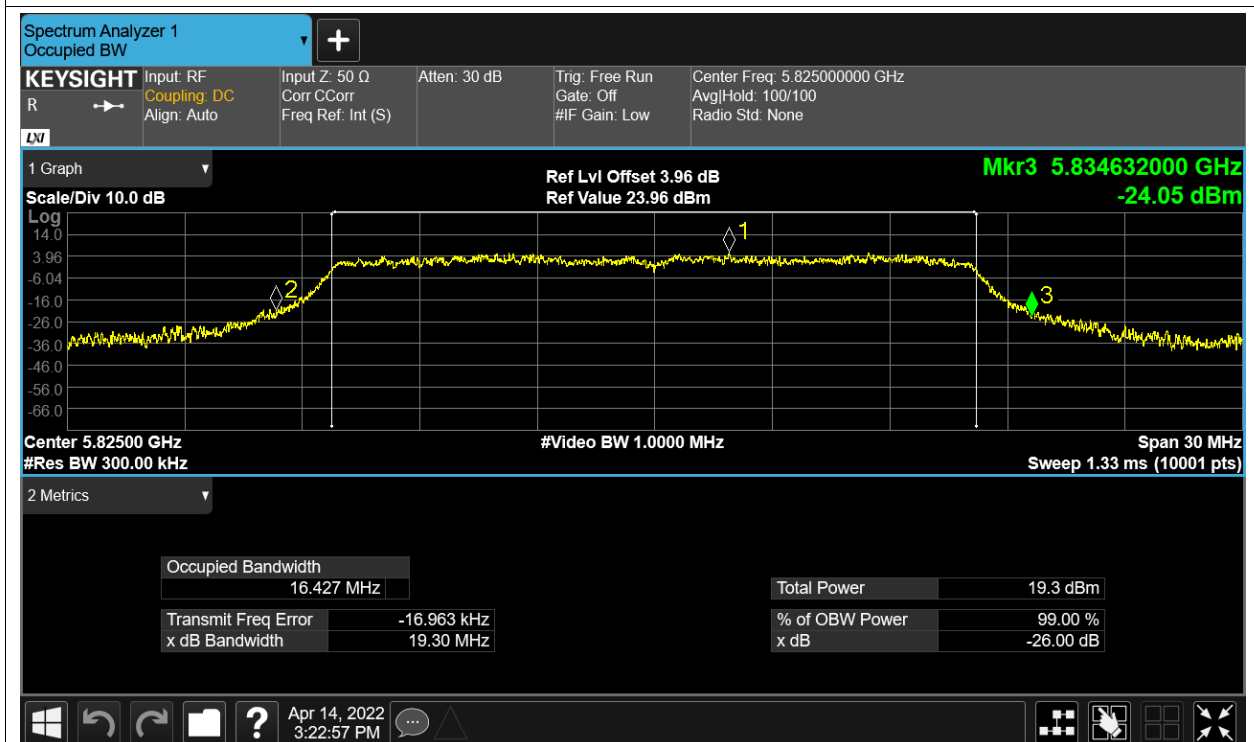
-26dB Bandwidth NVNT a 5745MHz Ant2



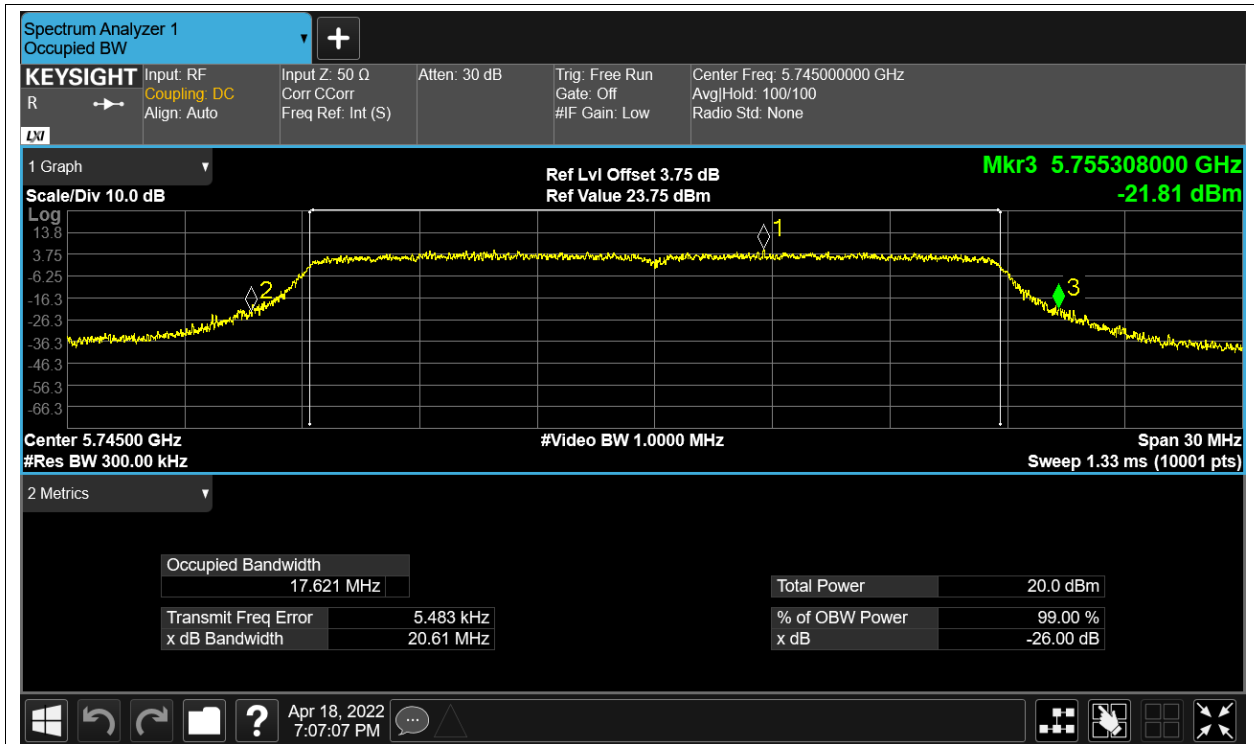
-26dB Bandwidth NVNT a 5785MHz Ant2



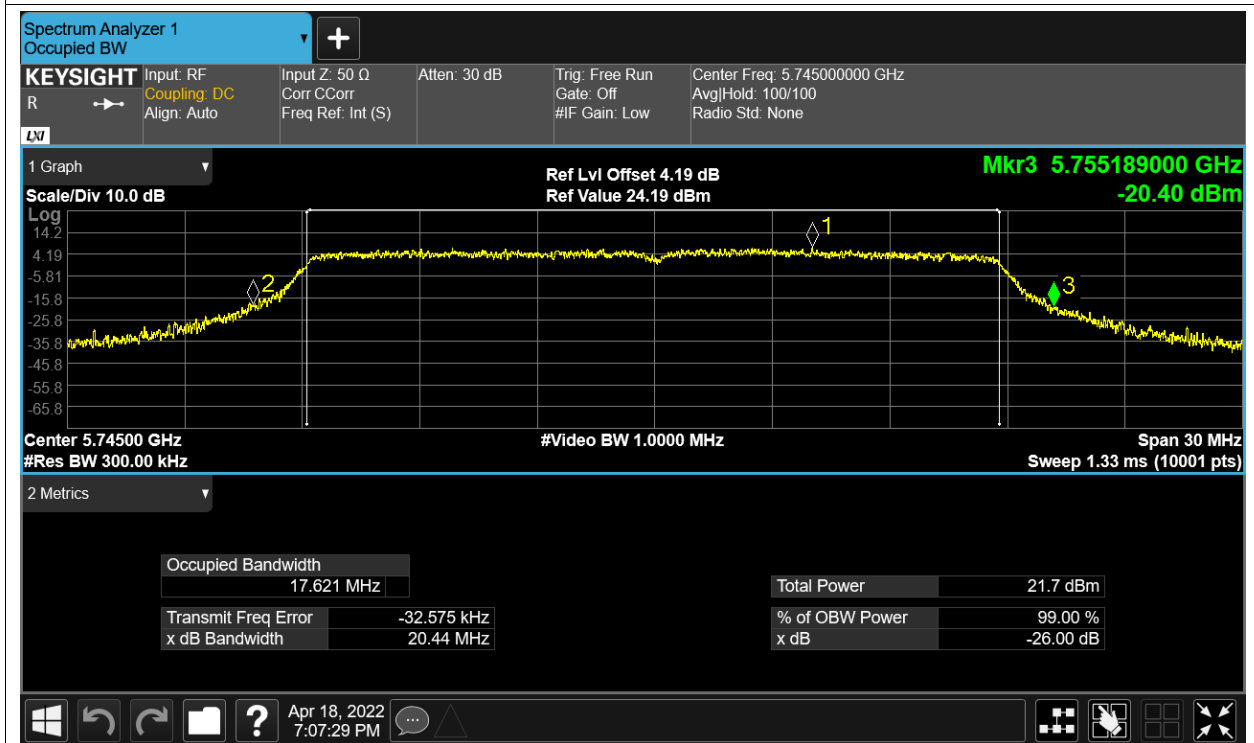
-26dB Bandwidth NVNT a 5825MHz Ant2



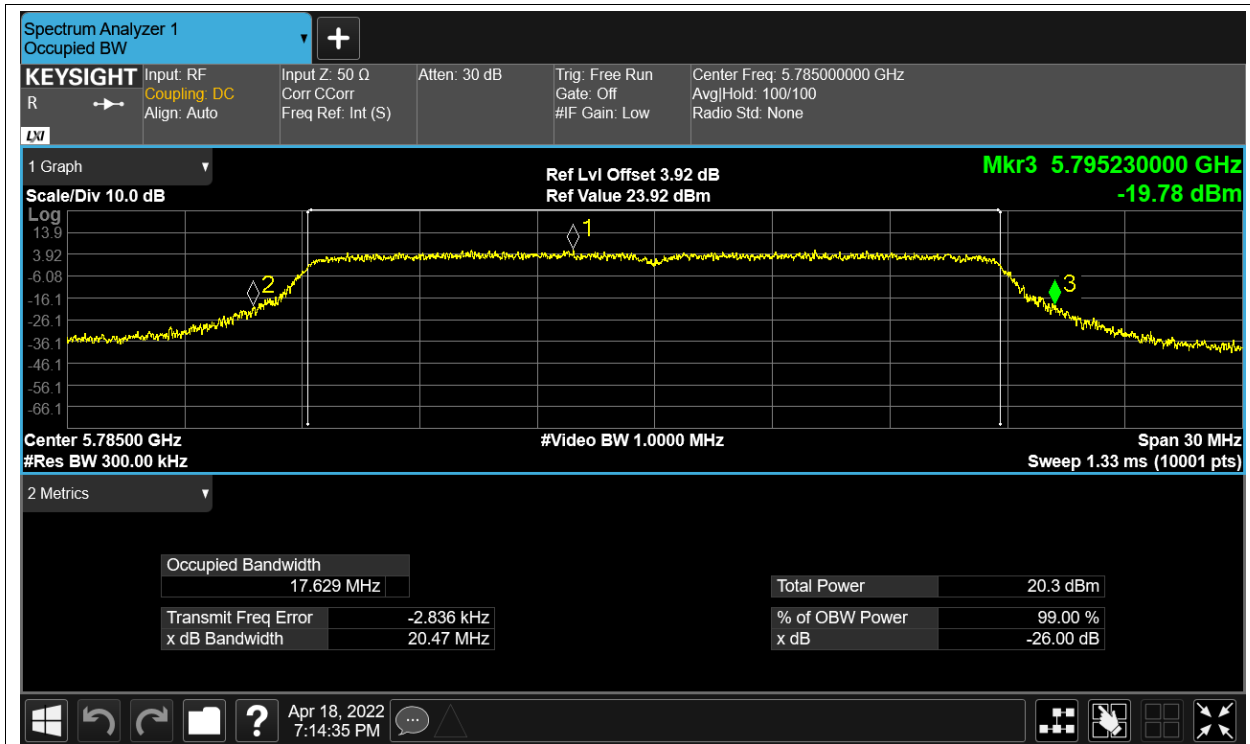
-26dB Bandwidth NVNT ac20 5745MHz Ant1



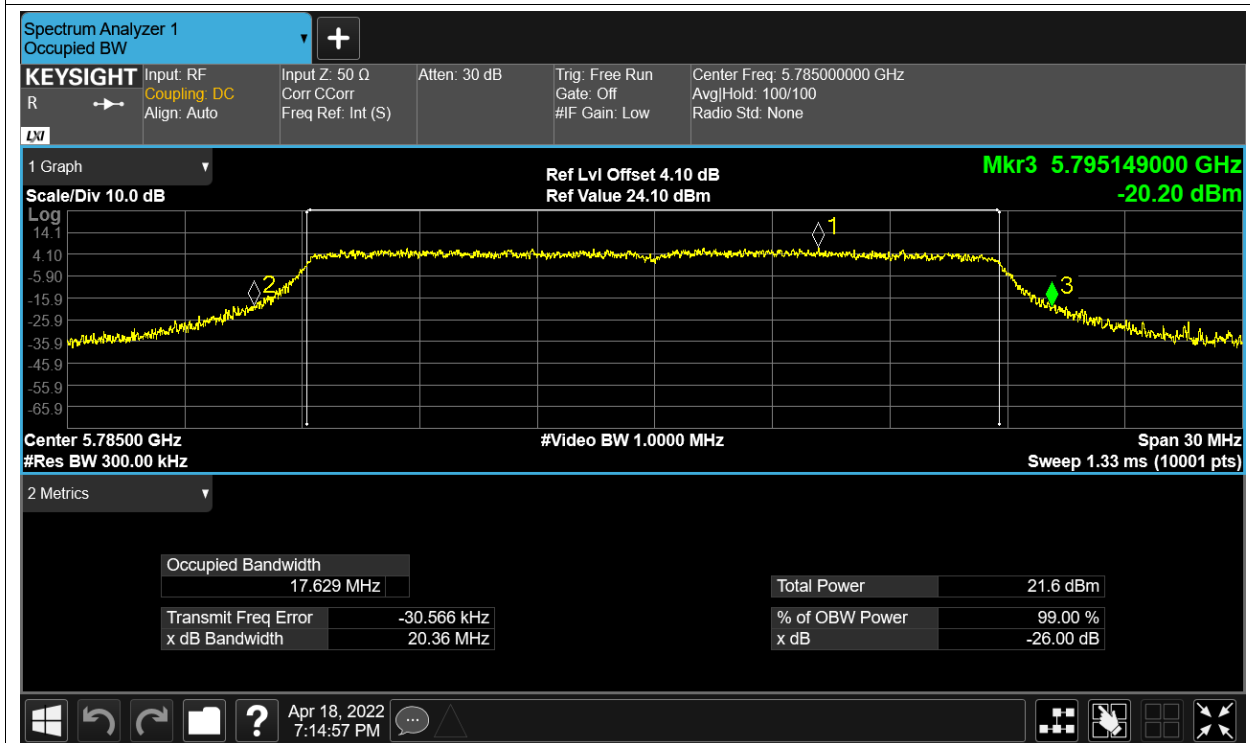
-26dB Bandwidth NVNT ac20 5745MHz Ant2



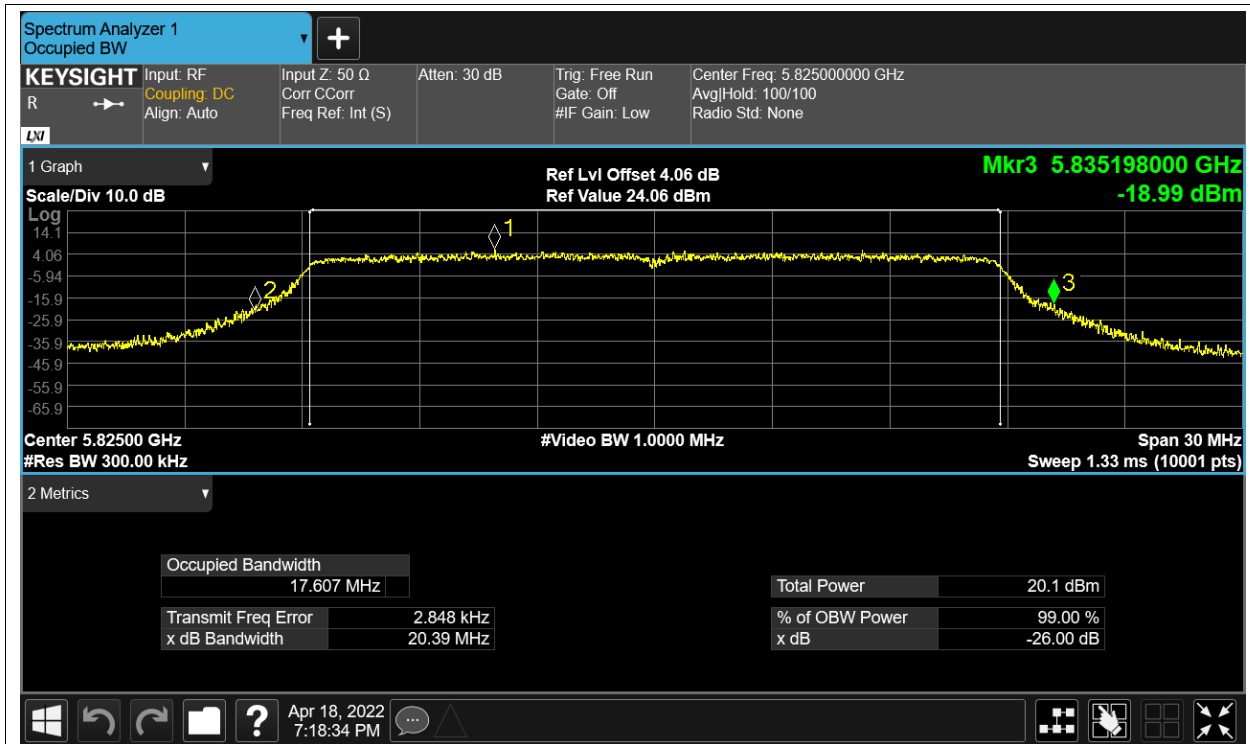
-26dB Bandwidth NVNT ac20 5785MHz Ant1



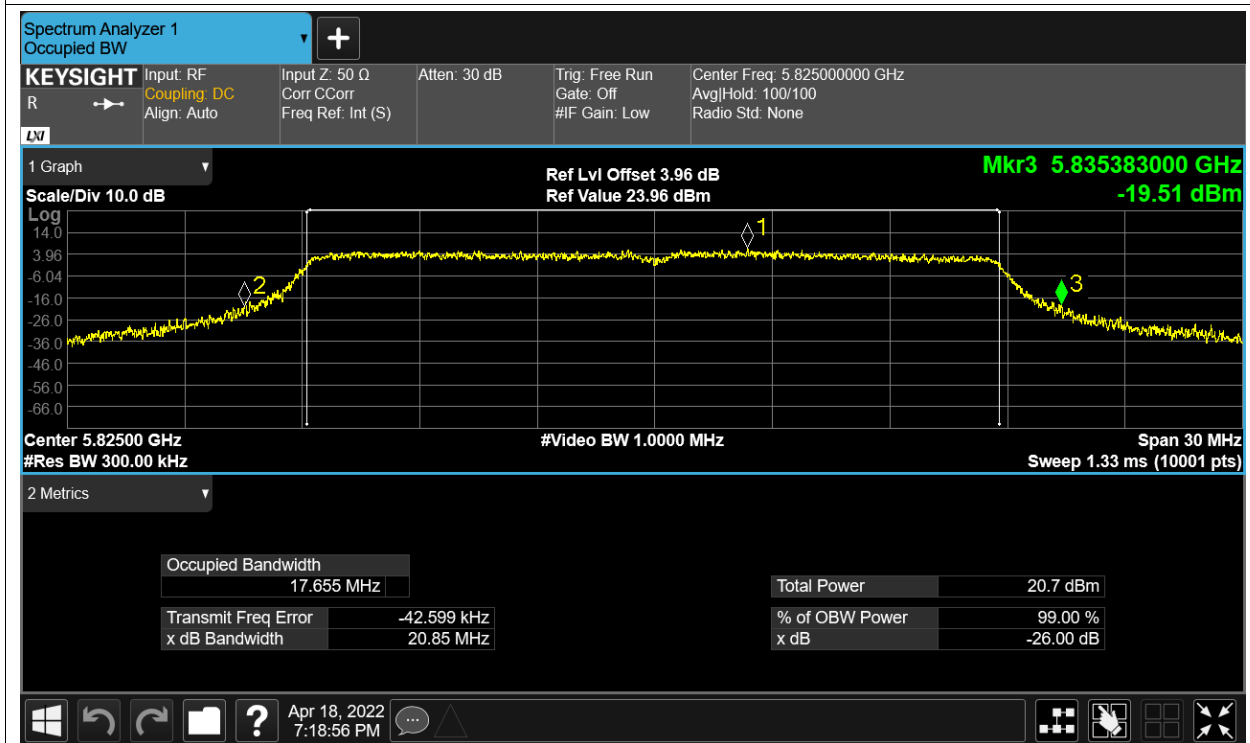
-26dB Bandwidth NVNT ac20 5785MHz Ant2



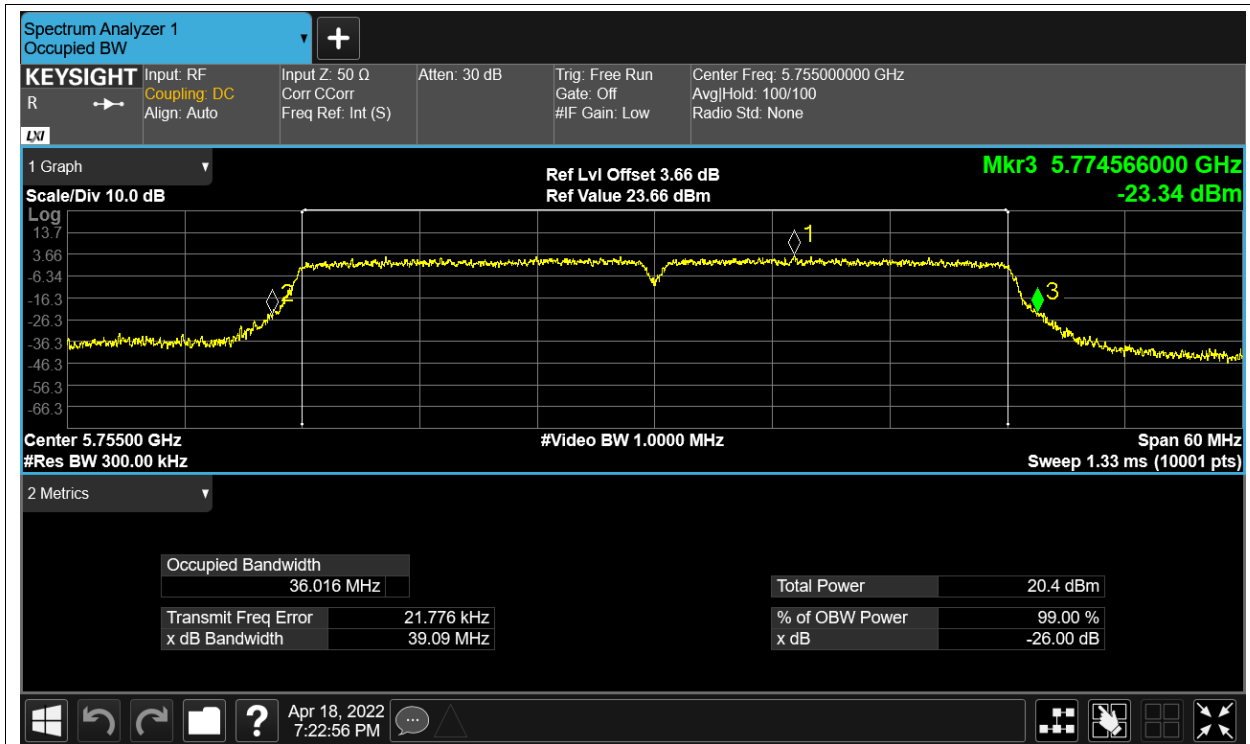
-26dB Bandwidth NVNT ac20 5825MHz Ant1



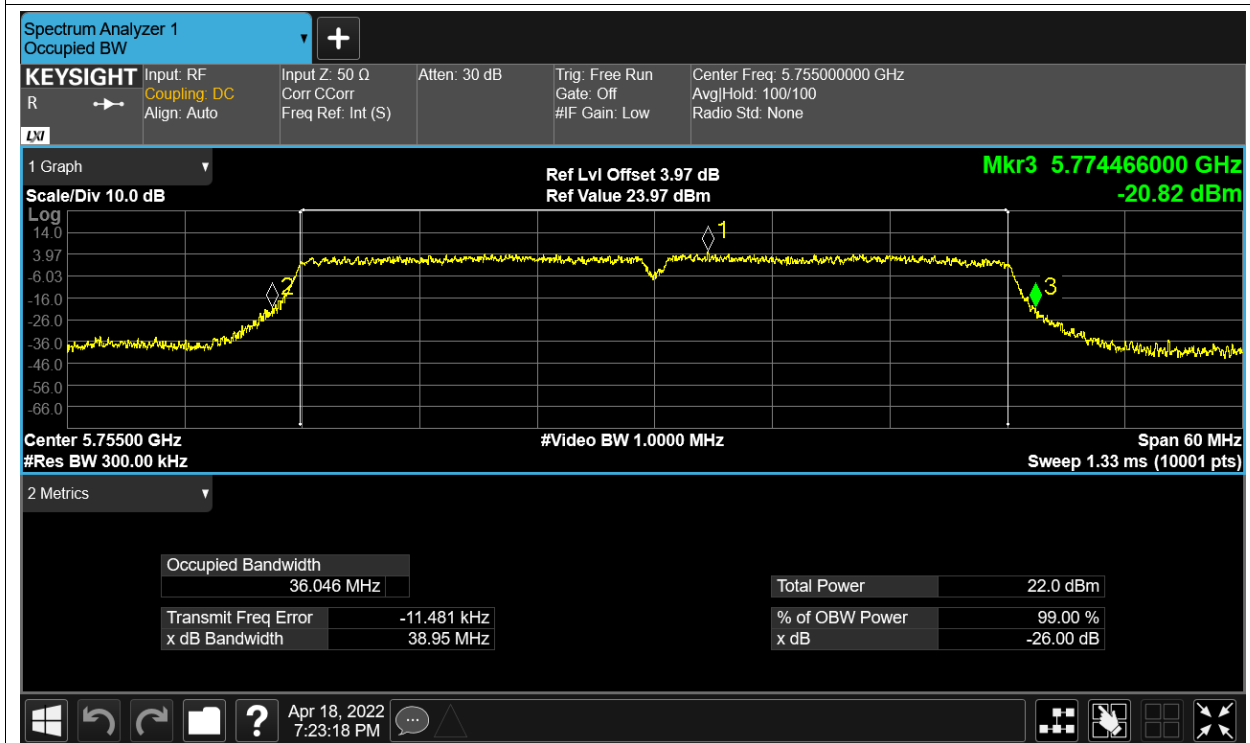
-26dB Bandwidth NVNT ac20 5825MHz Ant2



-26dB Bandwidth NVNT ac40 5755MHz Ant1



-26dB Bandwidth NVNT ac40 5755MHz Ant2



-26dB Bandwidth NVNT ac40 5795MHz Ant1