

Test Data

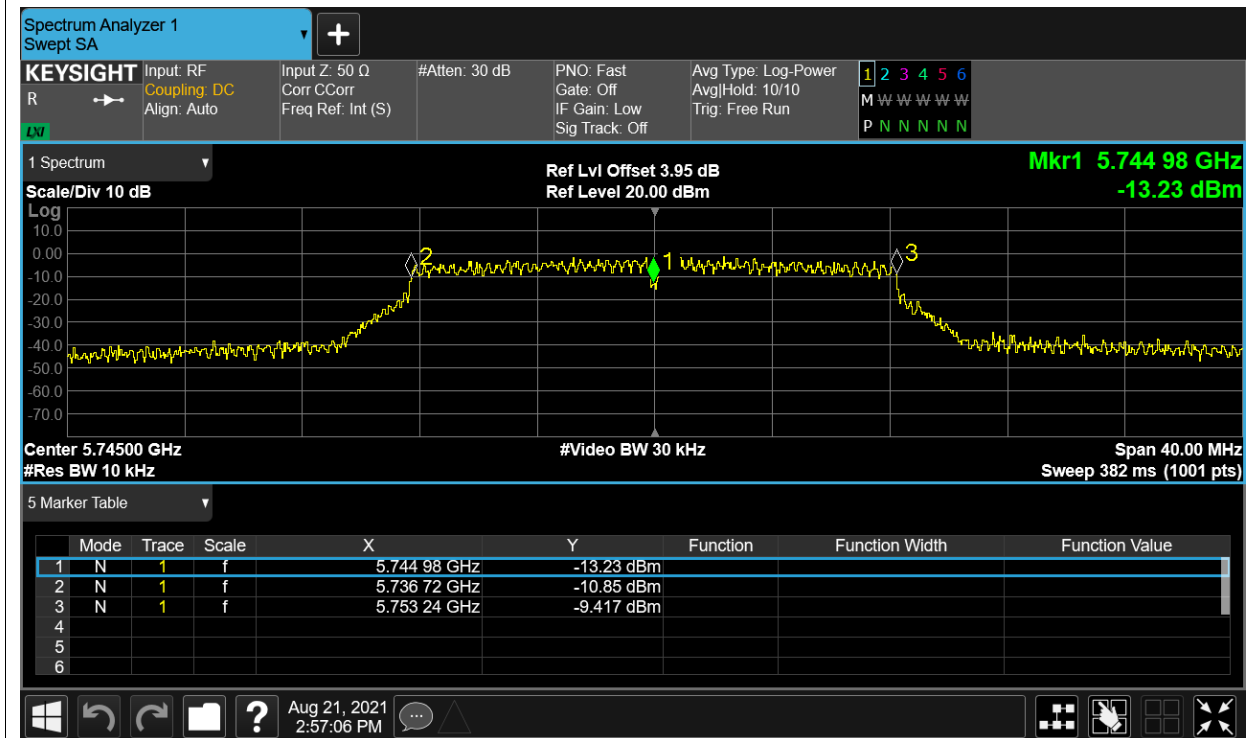
Frequency Stability (worst case mode)

Condition	Mode	Frequency (MHz)	Antenna	Measured Frequency (MHz)	Deviation (ppm)	Limit (ppm)	Verdict
HVHT	a	5745	ANT0	5744.98	-3.48	25	Pass
HVHT	a	5745	ANT1	5744.96	-6.96	25	Pass
HVLT	a	5745	ANT0	5744.96	-6.96	25	Pass
HVLT	a	5745	ANT1	5744.94	-10.44	25	Pass
LVHT	a	5745	ANT0	5744.98	-3.48	25	Pass
LVHT	a	5745	ANT1	5744.96	-6.96	25	Pass
LVLT	a	5745	ANT0	5744.98	-3.48	25	Pass
LVLT	a	5745	ANT1	5744.98	-3.48	25	Pass
NVNT	a	5745	ANT0	5744.96	-6.96	25	Pass
NVNT	a	5745	ANT1	5744.98	-3.48	25	Pass
HVHT	ax20	5745	MIMO	5744.98	-3.48	25	Pass
HVLT	ax20	5745	MIMO	5744.98	-3.48	25	Pass
LVHT	ax20	5745	MIMO	5744.98	-3.48	25	Pass
LVLT	ax20	5745	MIMO	5744.98	-3.48	25	Pass
NVNT	ax20	5745	MIMO	5745	0	25	Pass
HVHT	ax40	5755	MIMO	5755	0	25	Pass
HVLT	ax40	5755	MIMO	5754.92	-13.9	25	Pass
LVHT	ax40	5755	MIMO	5754.96	-6.95	25	Pass
LVLT	ax40	5755	MIMO	5754.96	-6.95	25	Pass
NVNT	ax40	5755	MIMO	5754.96	-6.95	25	Pass
HVHT	ax80	5775	MIMO	5775	0	25	Pass
HVLT	ax80	5775	MIMO	5774.92	-13.85	25	Pass
LVHT	ax80	5775	MIMO	5774.92	-13.85	25	Pass
LVLT	ax80	5775	MIMO	5774.92	-13.85	25	Pass
NVNT	ax80	5775	MIMO	5775.08	13.85	25	Pass
HVHT	n40	5755	ANT0	5754.96	-6.95	25	Pass
HVHT	n40	5755	ANT1	5754.96	-6.95	25	Pass
HVLT	n40	5755	ANT0	5754.96	-6.95	25	Pass
HVLT	n40	5755	ANT1	5754.96	-6.95	25	Pass
LVHT	n40	5755	ANT0	5755	0	25	Pass
LVHT	n40	5755	ANT1	5754.96	-6.95	25	Pass
LVLT	n40	5755	ANT0	5755	0	25	Pass
LVLT	n40	5755	ANT1	5754.96	-6.95	25	Pass
NVNT	n40	5755	ANT0	5755	0	25	Pass

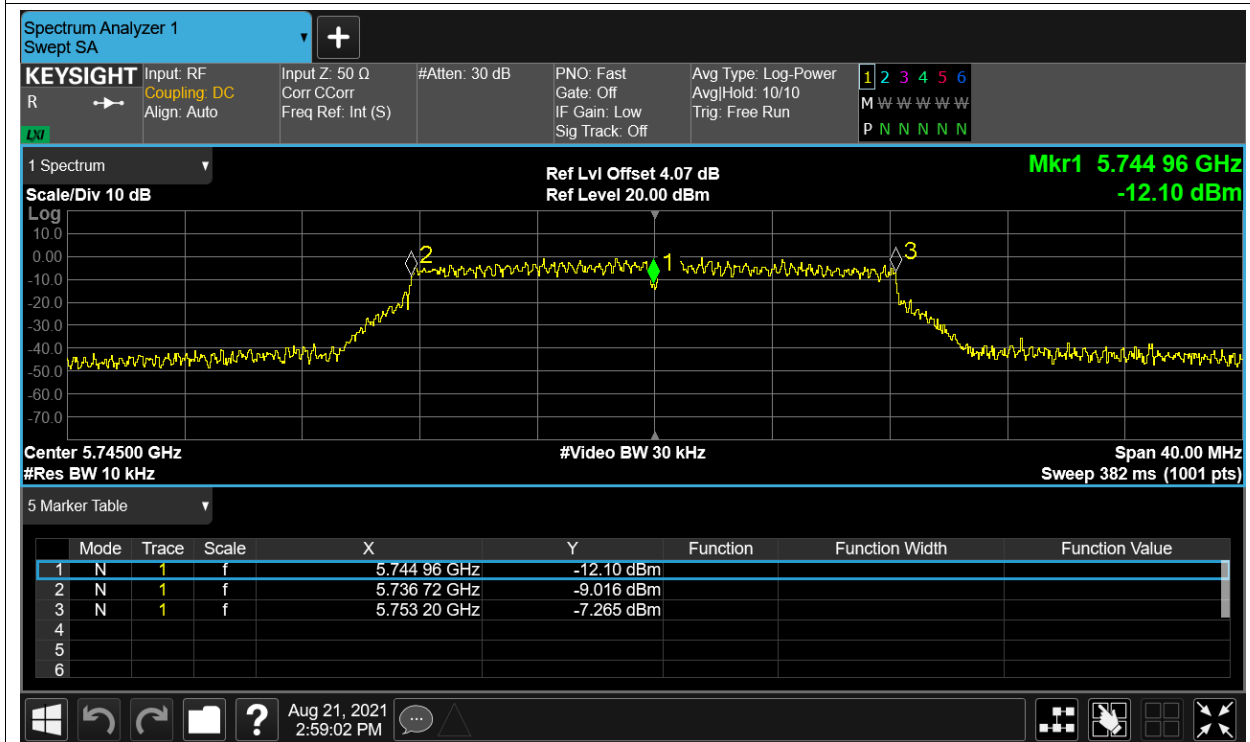
NVNT	n40	5755	ANT1	5754.96	-6.95	25	Pass
Remark: "NTNV" means Normal Temperature Normal Voltage, "LTLV" means Low Temperature Low Voltage, "LTHV" means Low Temperature High Voltage, "HTLV" means High Temperature Low Voltage, "HTHV" means High Temperature High Voltage.							

Test Graphs

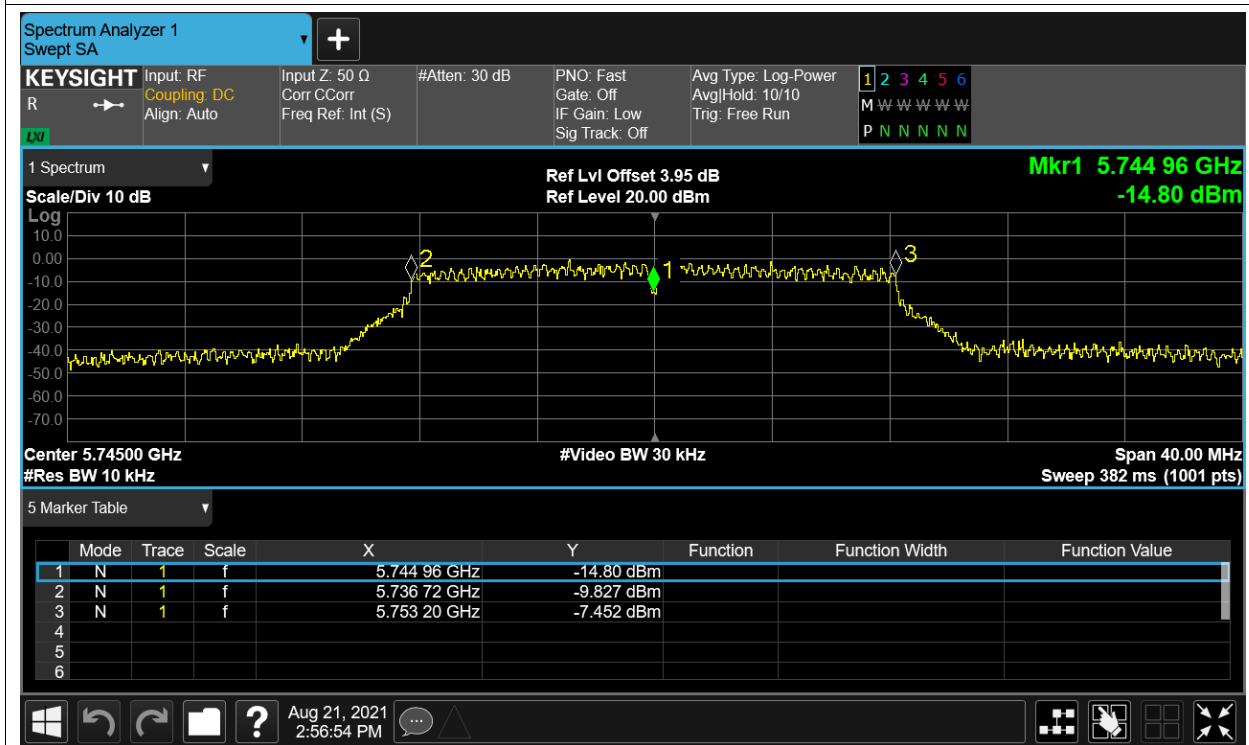
Freq. Stability HVHT a 5745MHz ANT0



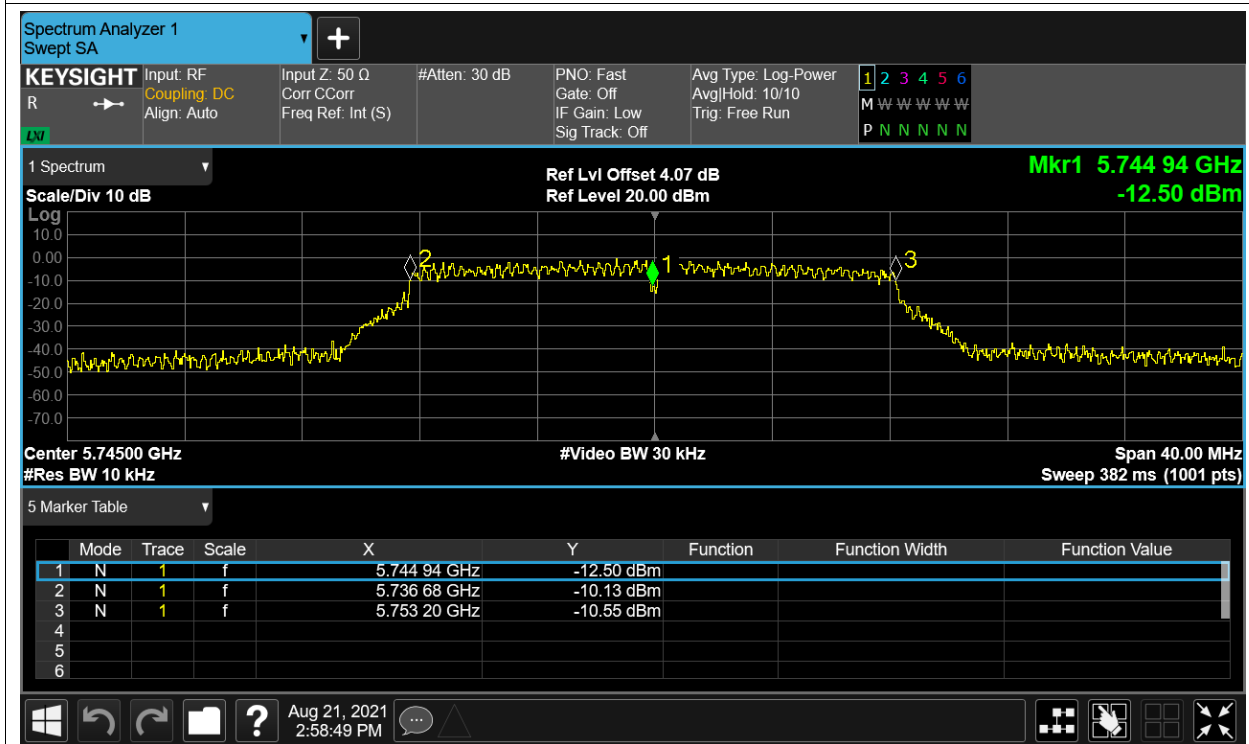
Freq. Stability HVHT a 5745MHz ANT1



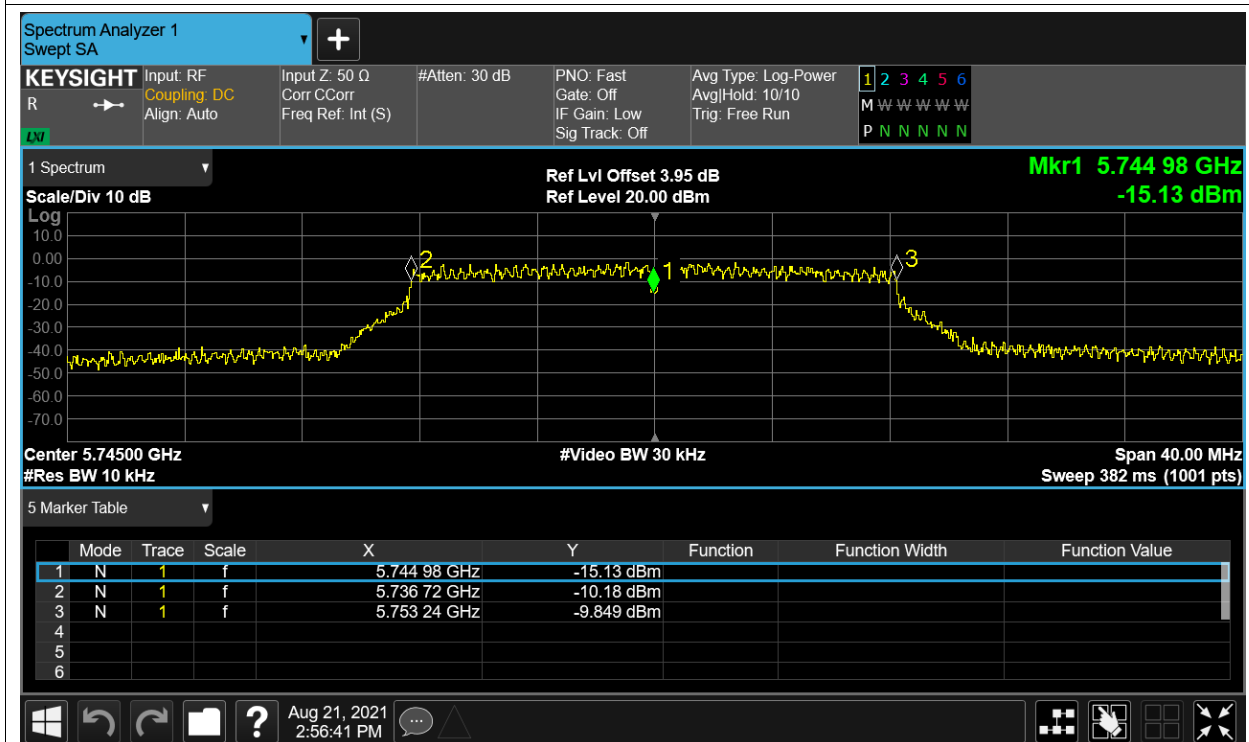
Freq. Stability HVLt a 5745MHz ANT0



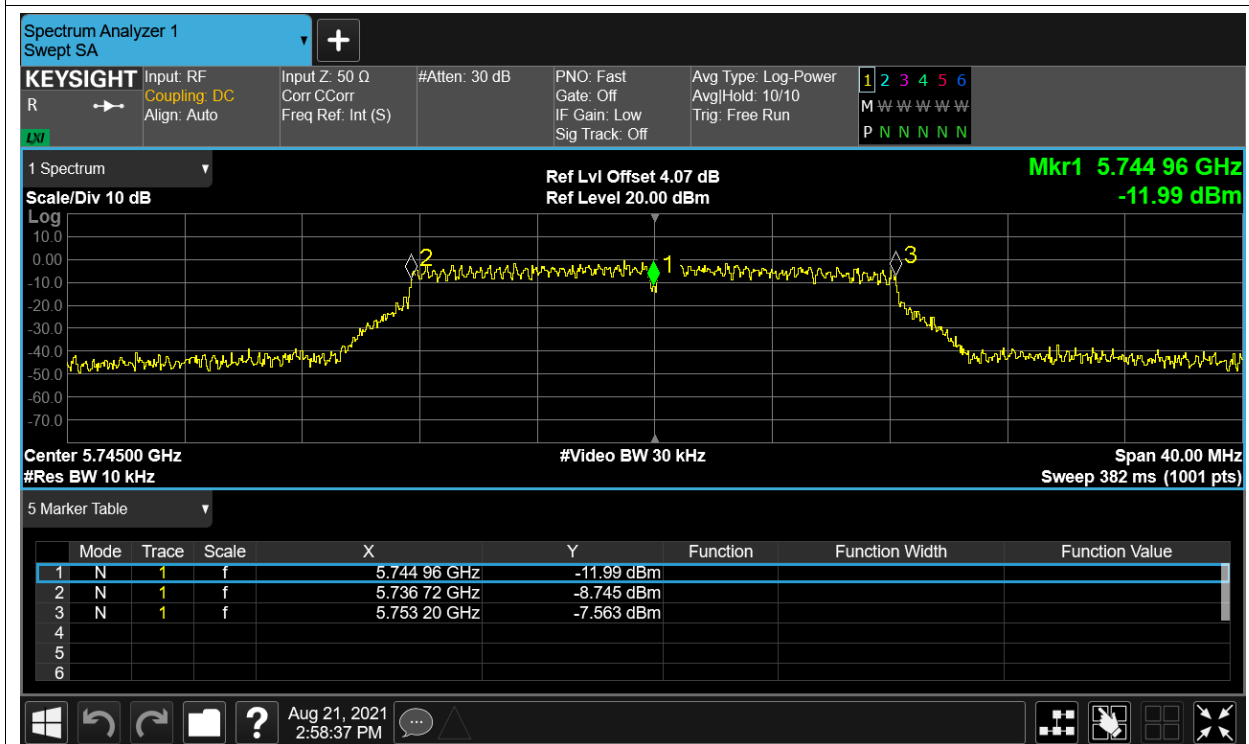
Freq. Stability HVLt a 5745MHz ANT1



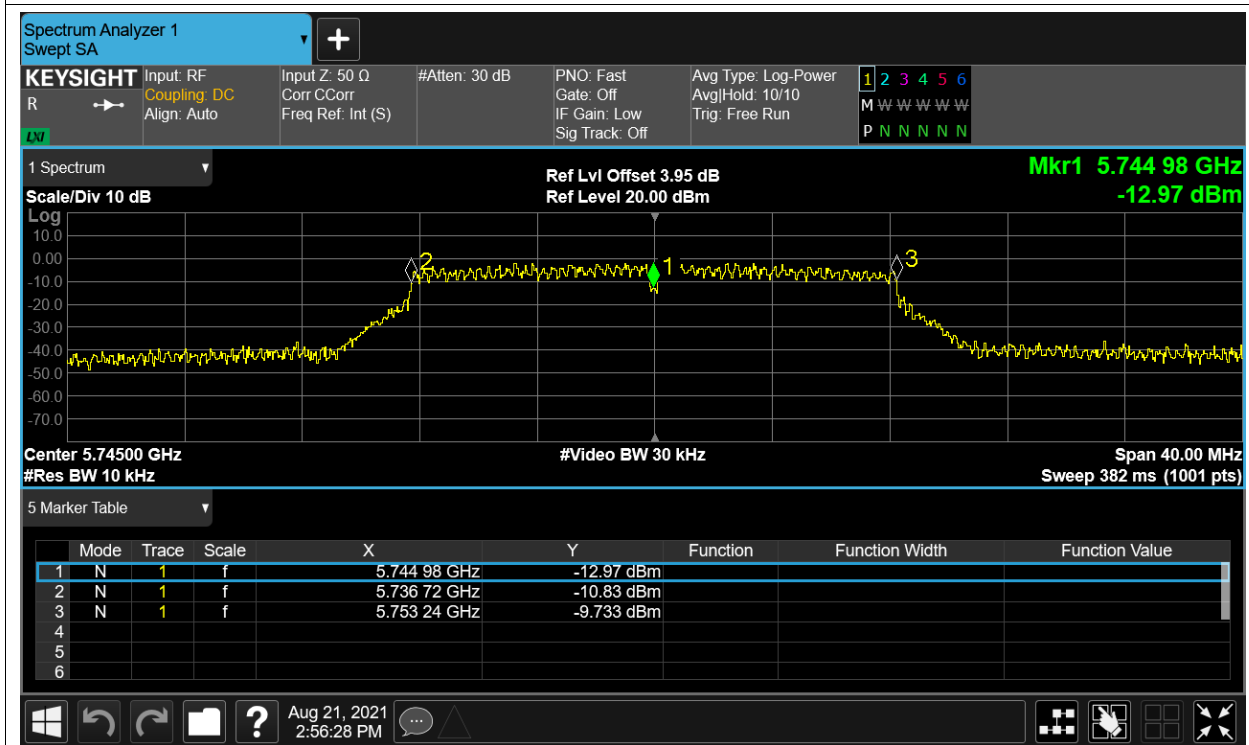
Freq. Stability LVHT a 5745MHz ANT0



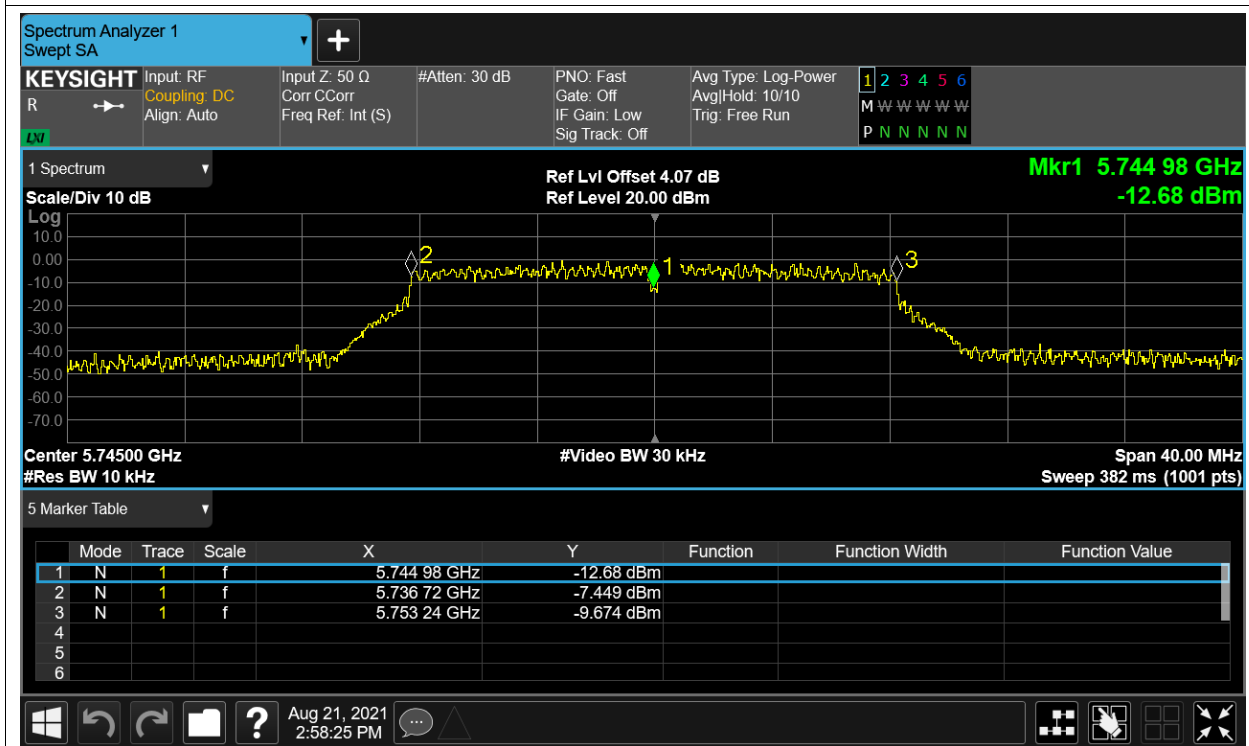
Freq. Stability LVHT a 5745MHz ANT1



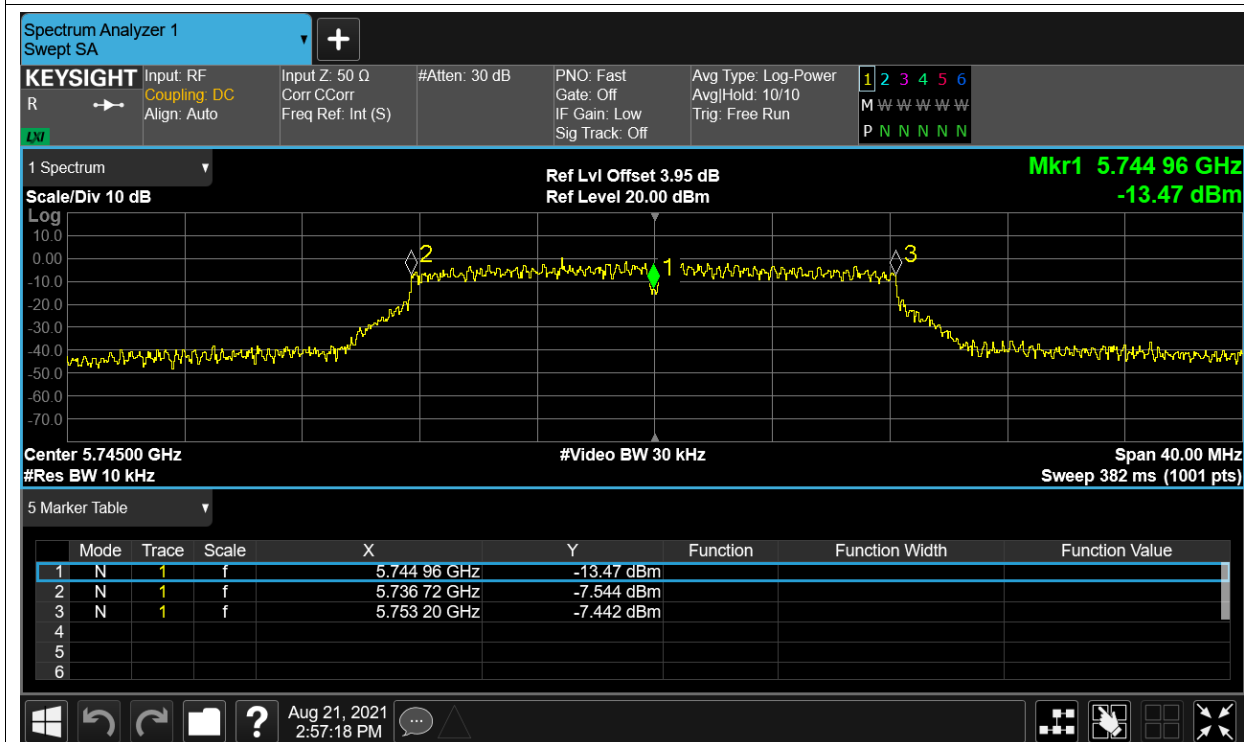
Freq. Stability LVLT a 5745MHz ANT0



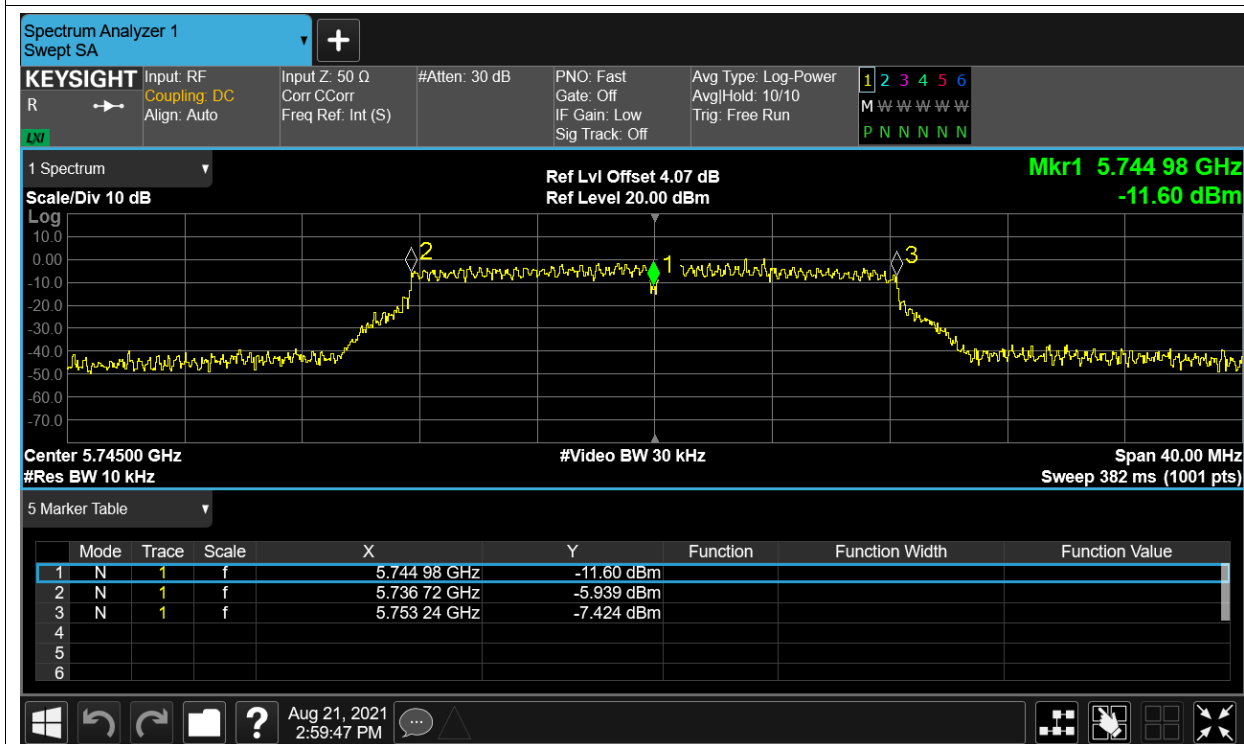
Freq. Stability LVLT a 5745MHz ANT1



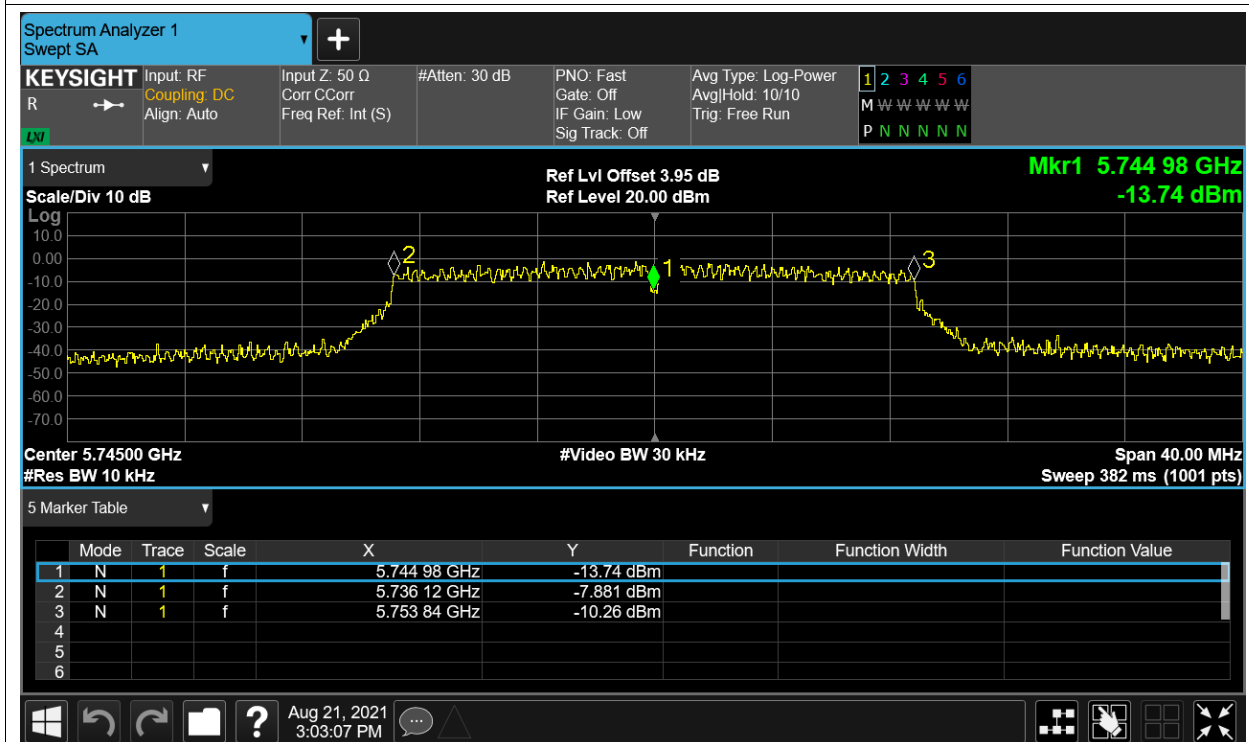
Freq. Stability NVNT a 5745MHz ANT0



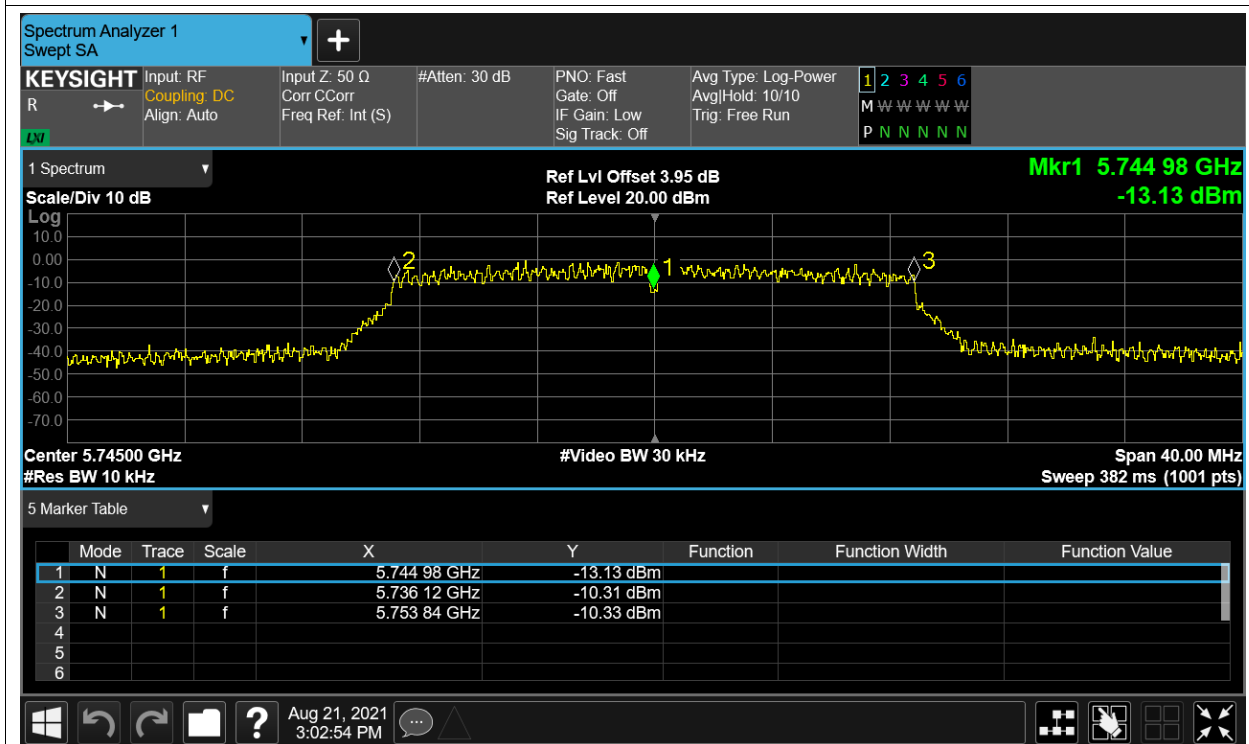
Freq. Stability NVNT a 5745MHz ANT1



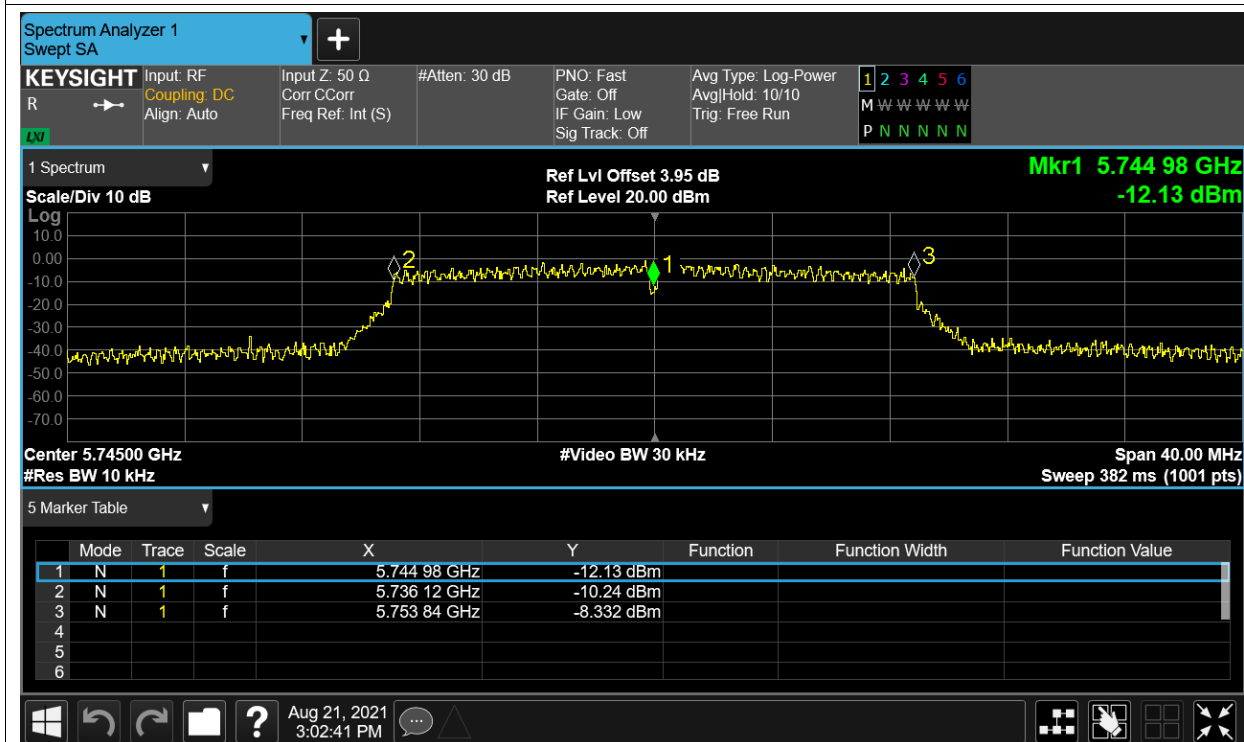
Freq. Stability HVHT ax20 5745MHz MIMO



Freq. Stability HVLt ax20 5745MHz MIMO



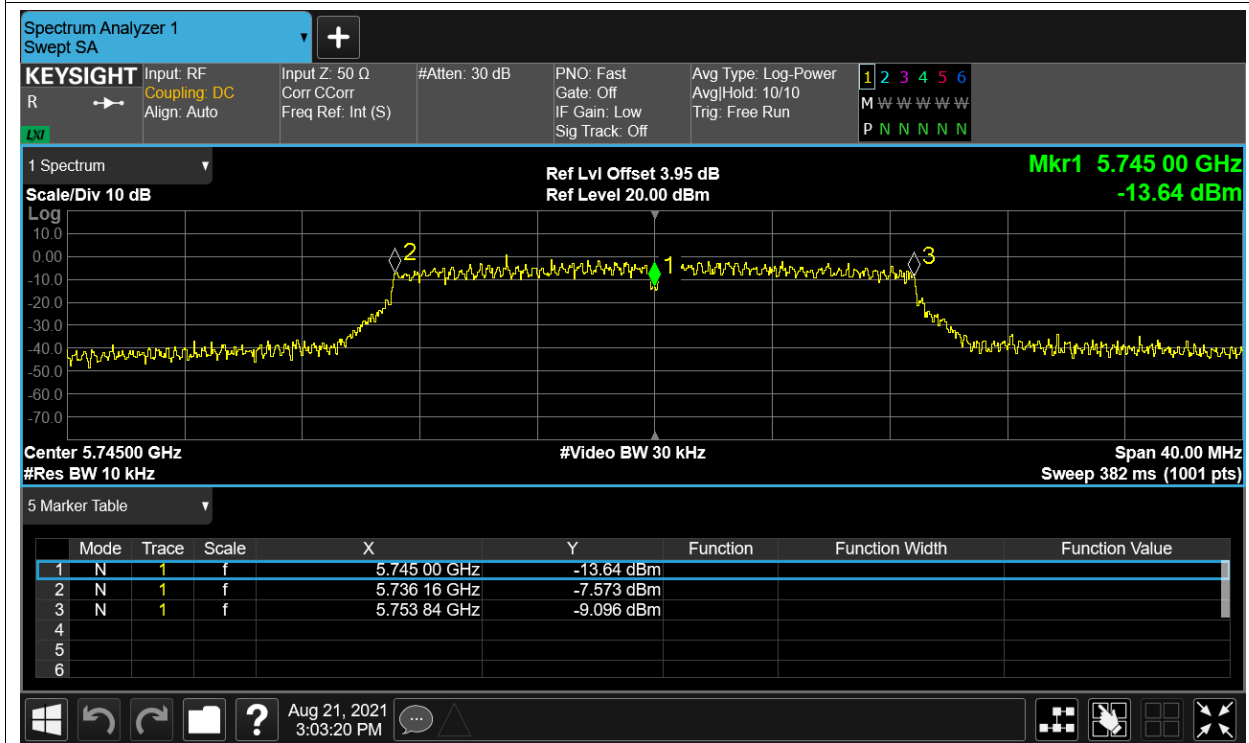
Freq. Stability LVHT ax20 5745MHz MIMO



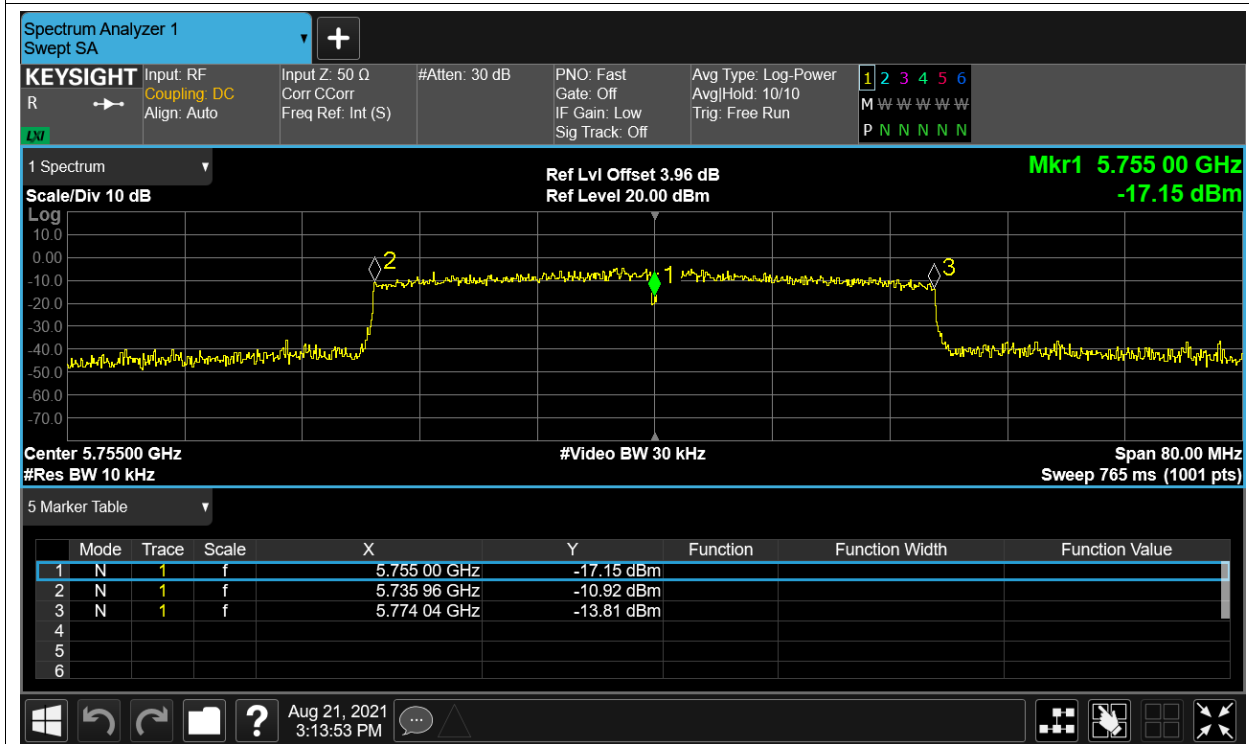
Freq. Stability LVL T ax20 5745MHz MIMO



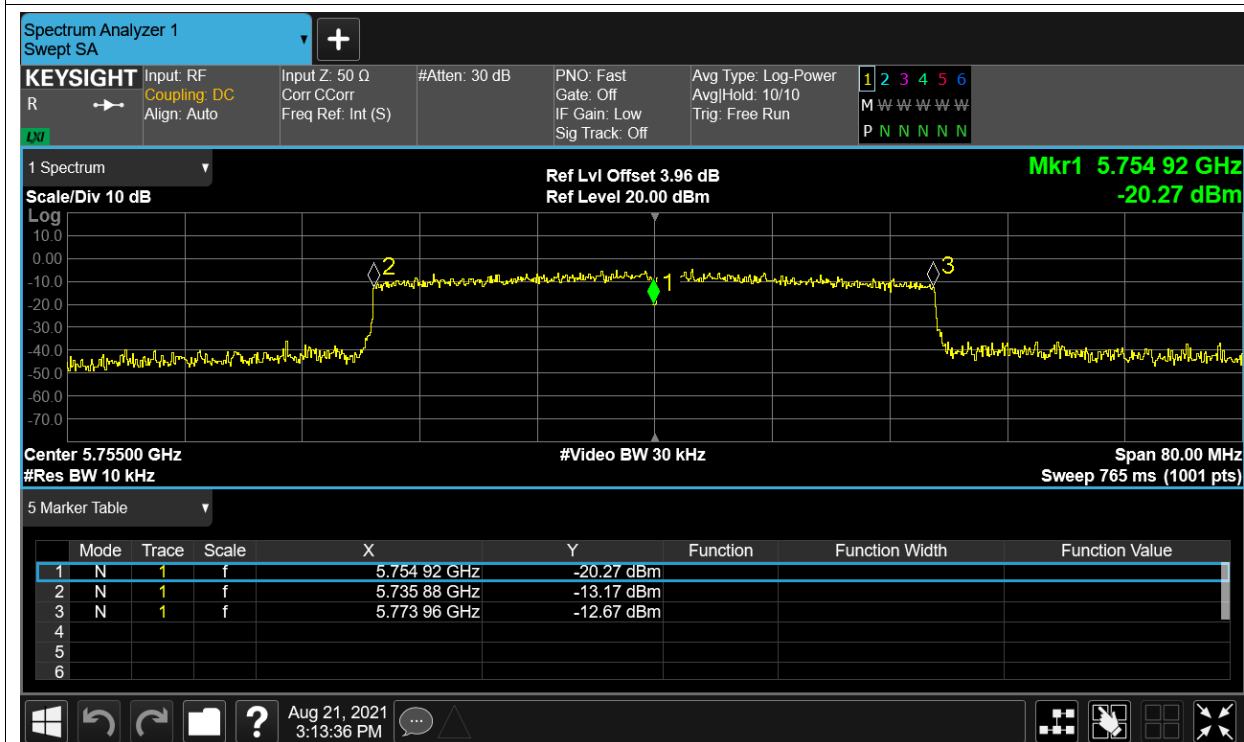
Freq. Stability NVNT ax20 5745MHz MIMO



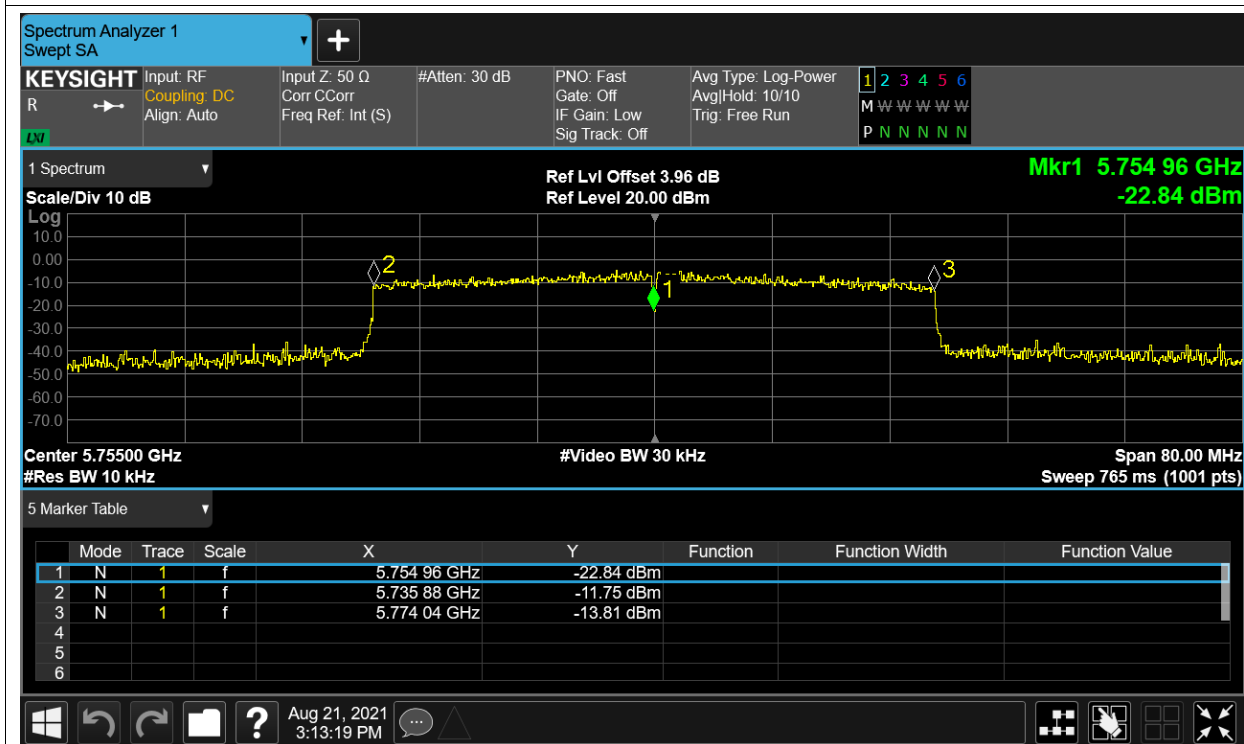
Freq. Stability HVHT ax40 5755MHz MIMO



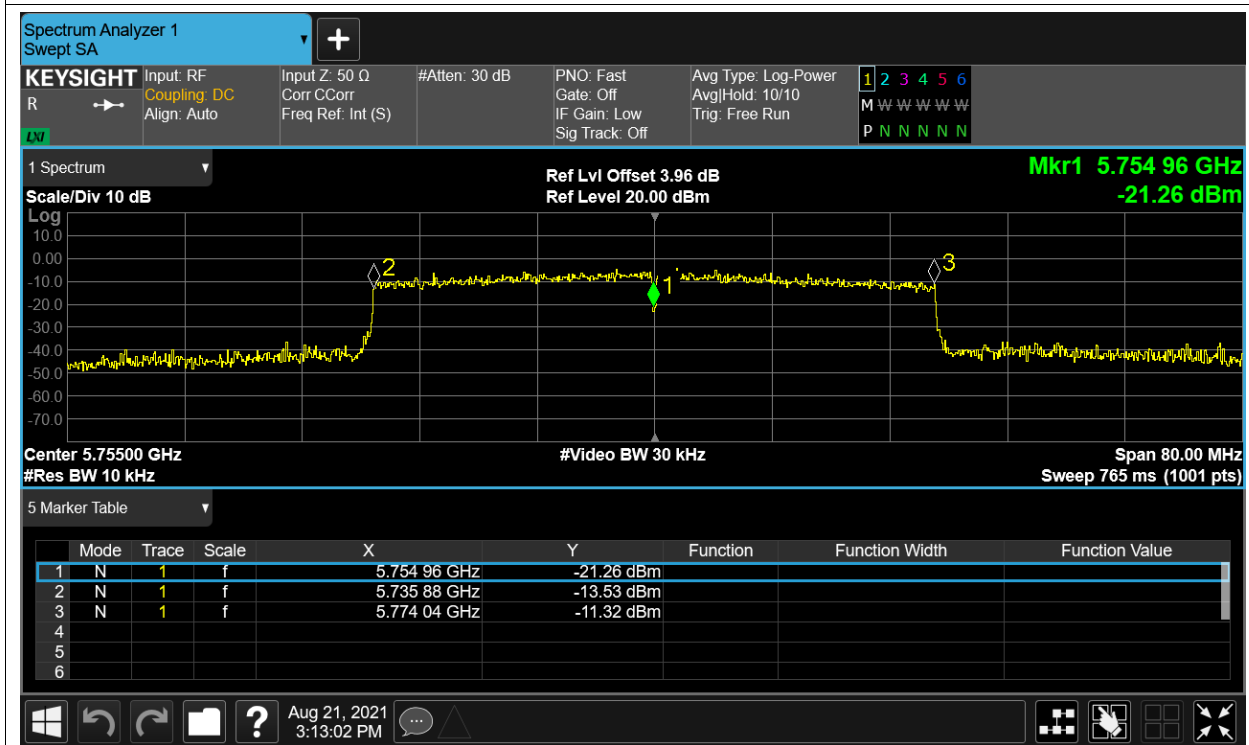
Freq. Stability HVLT ax40 5755MHz MIMO



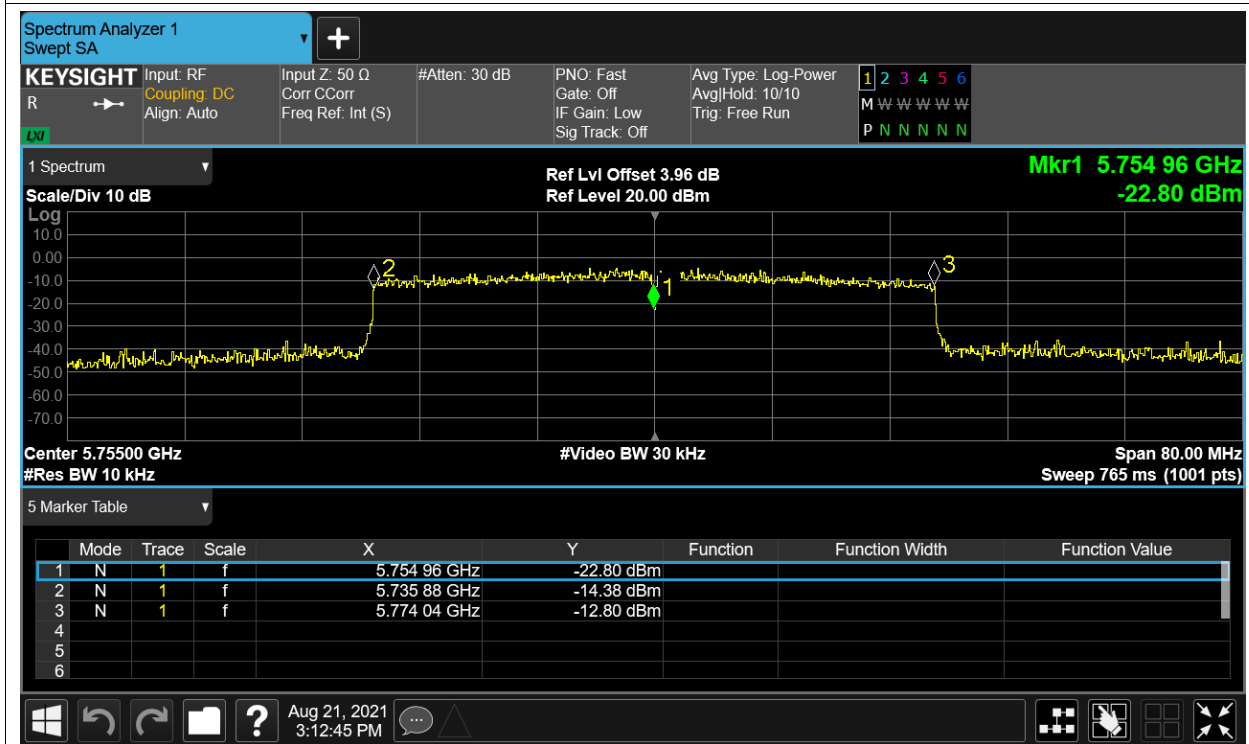
Freq. Stability LVHT ax40 5755MHz MIMO



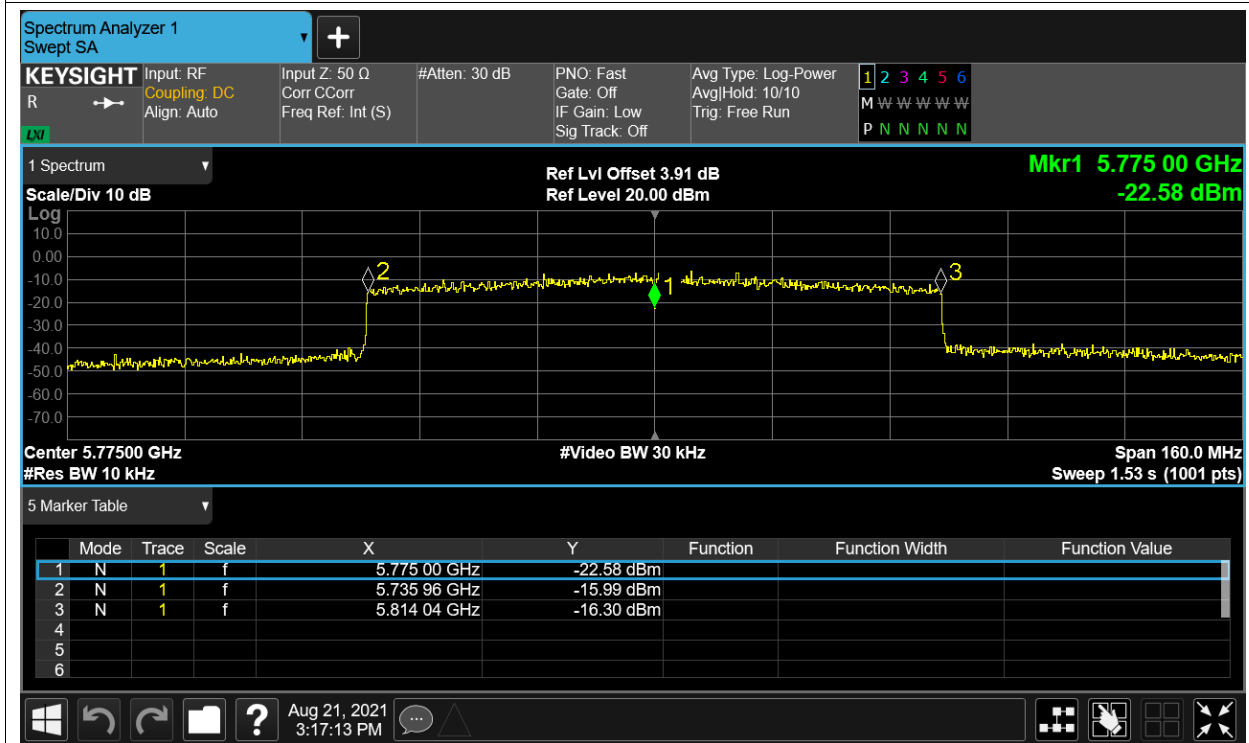
Freq. Stability LVLTL ax40 5755MHz MIMO



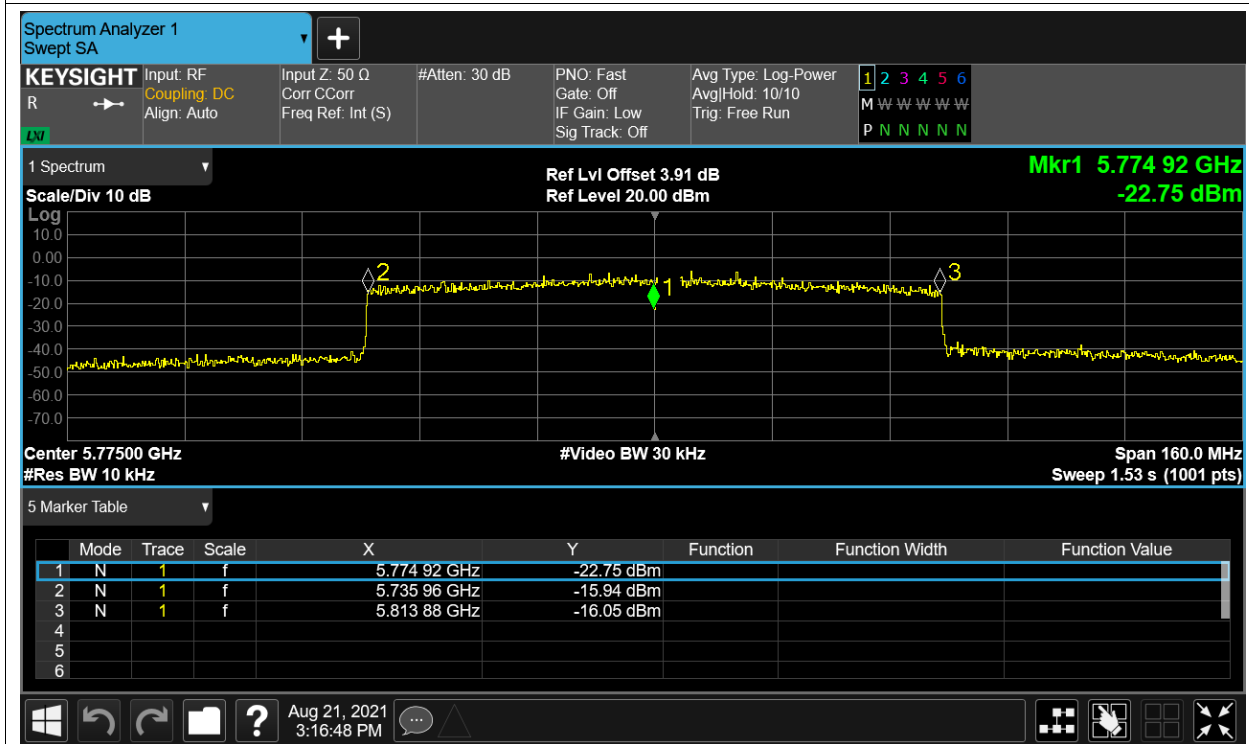
Freq. Stability NVNT ax40 5755MHz MIMO



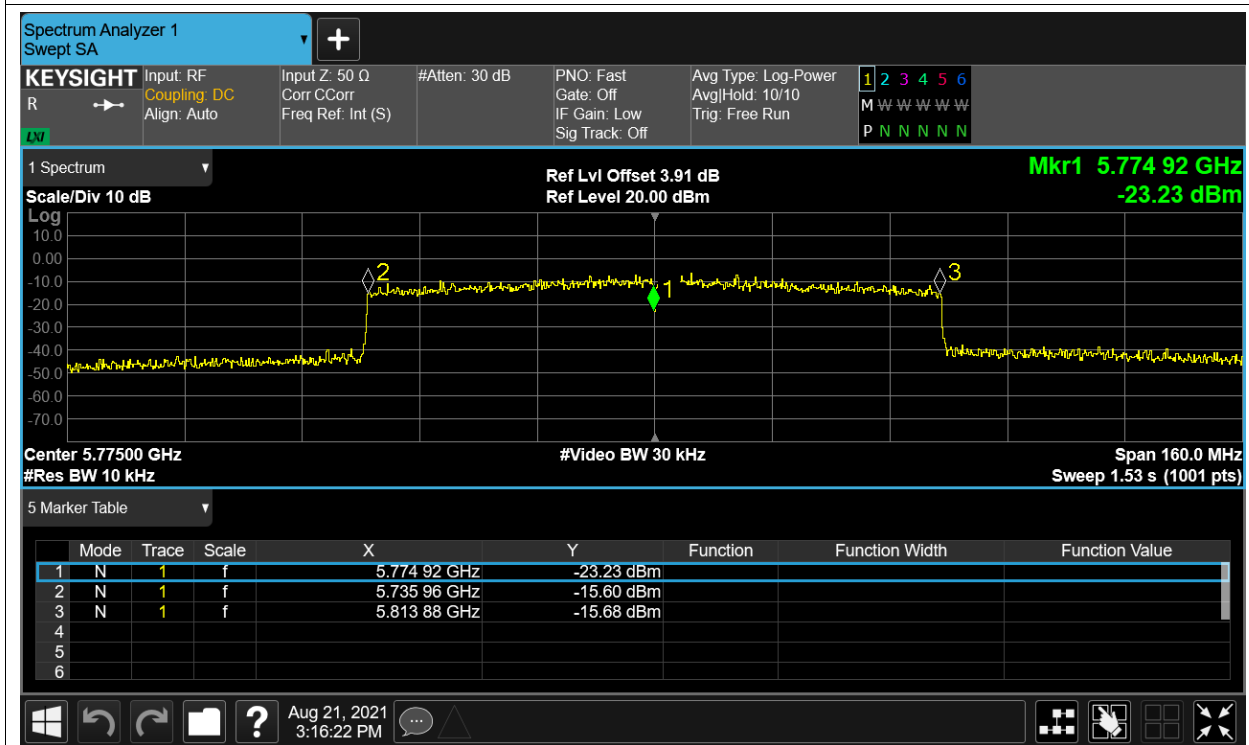
Freq. Stability HVHT ax80 5775MHz MIMO



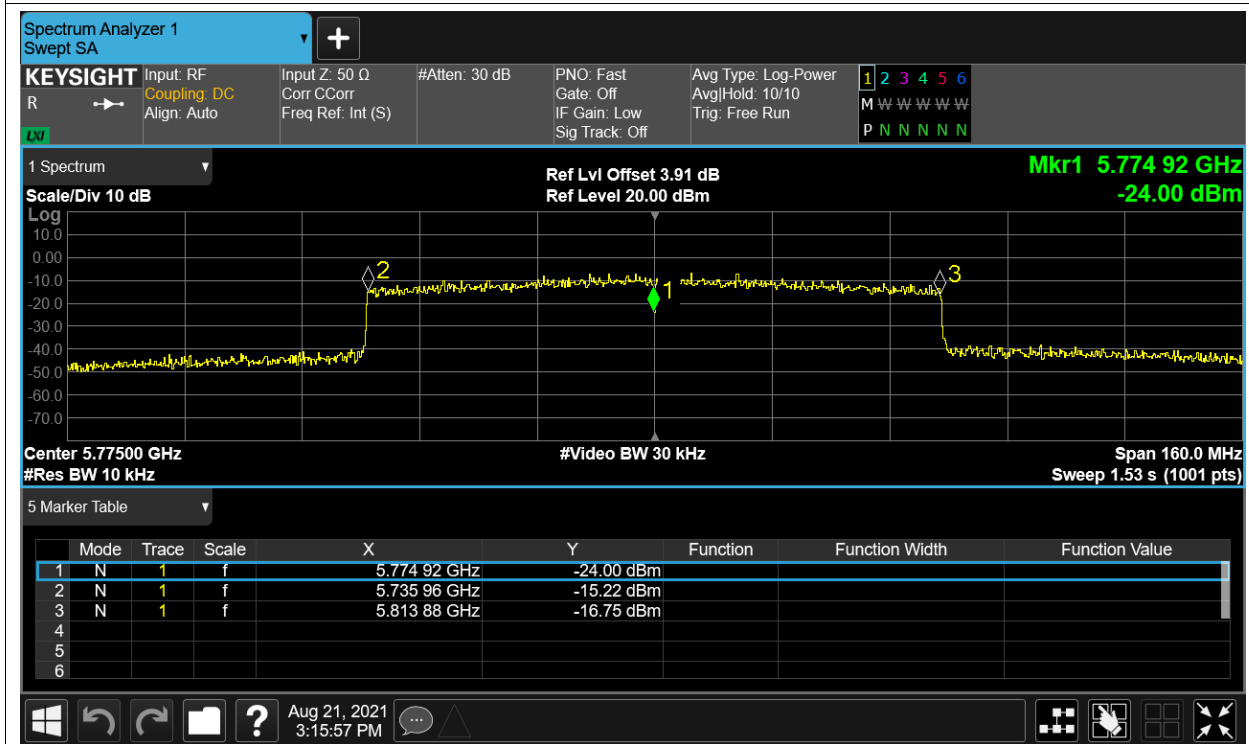
Freq. Stability HVLt ax80 5775MHz MIMO



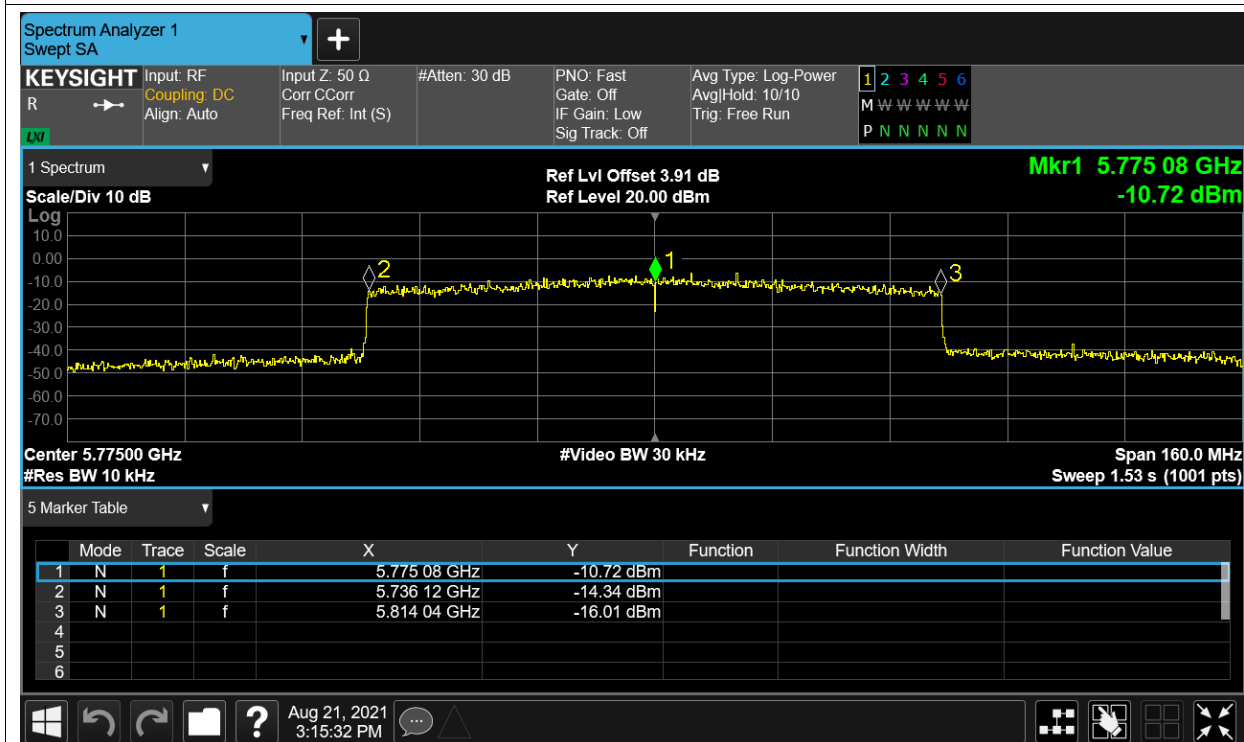
Freq. Stability LVHT ax80 5775MHz MIMO



Freq. Stability LVLT ax80 5775MHz MIMO



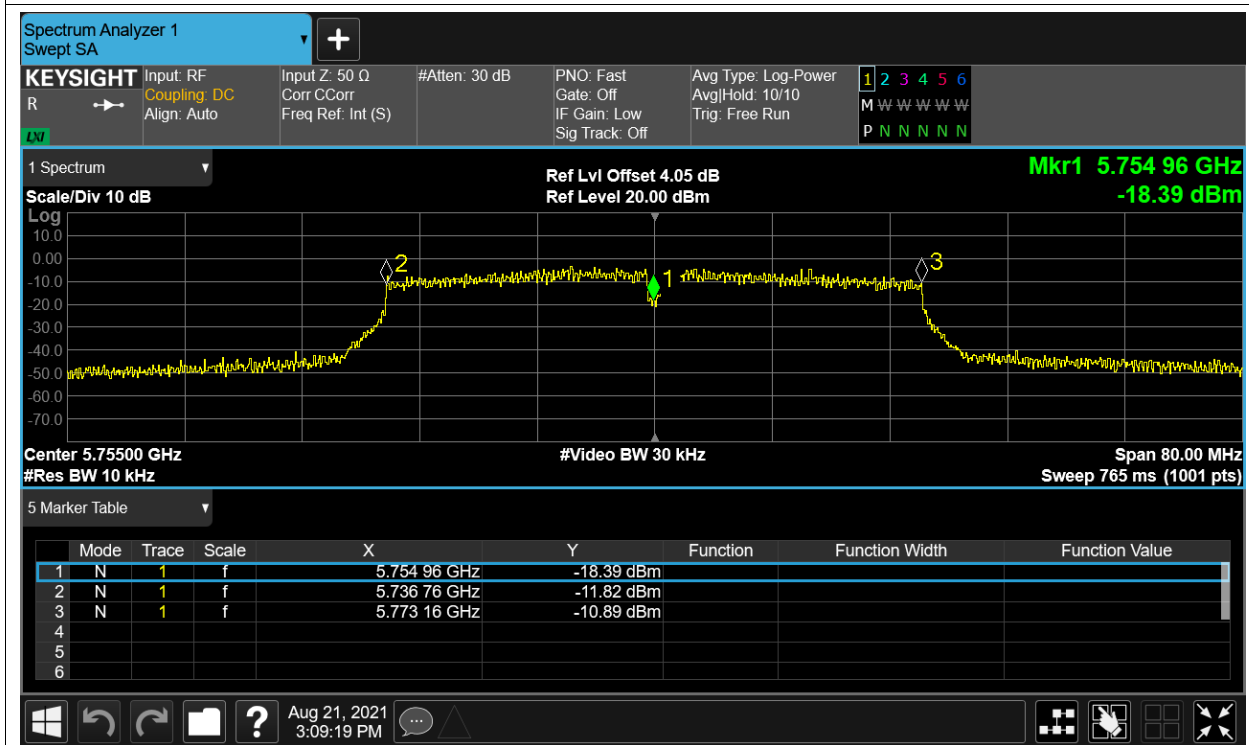
Freq. Stability NVNT ax80 5775MHz MIMO



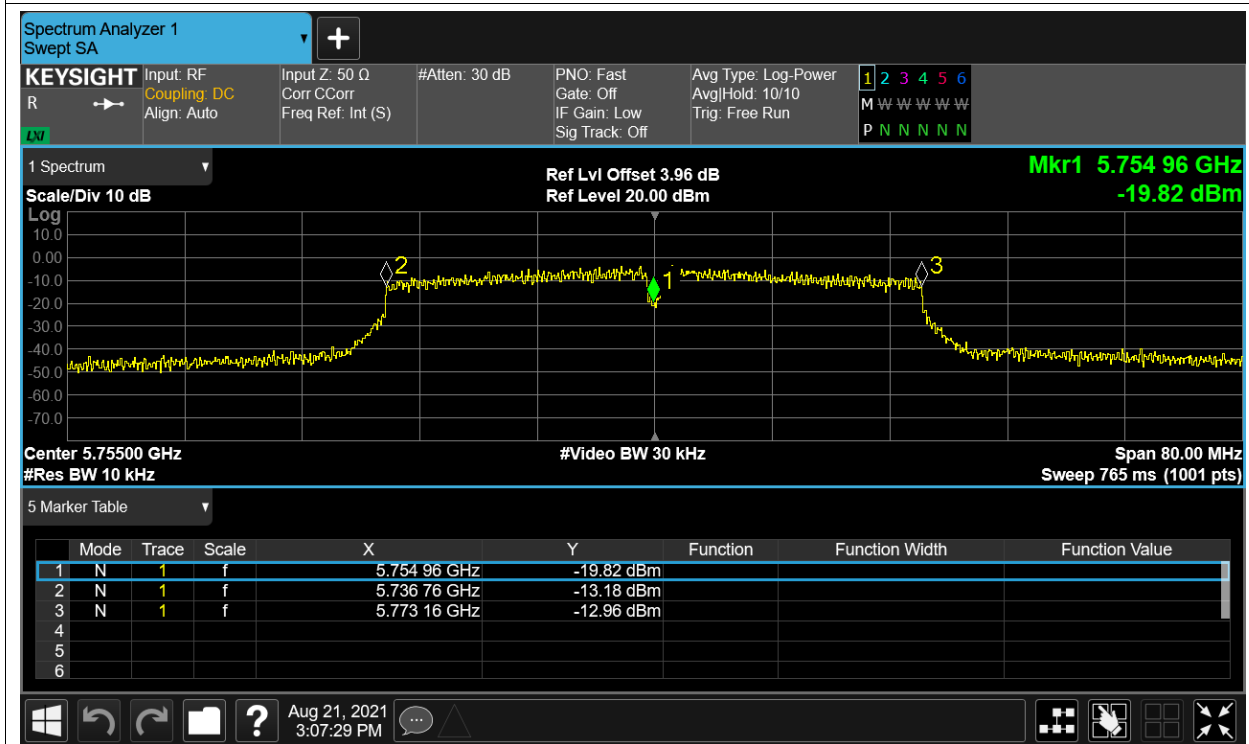
Freq. Stability HVHT n40 5755MHz ANT0



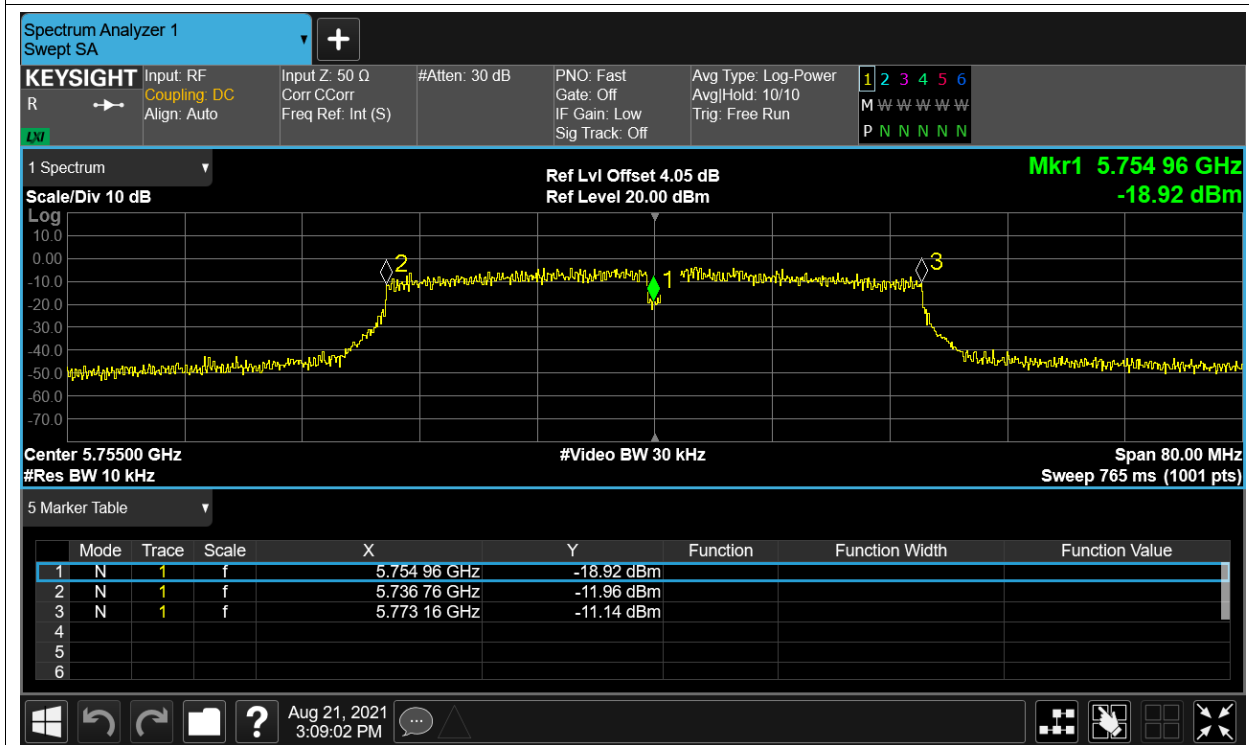
Freq. Stability HVHT n40 5755MHz ANT1



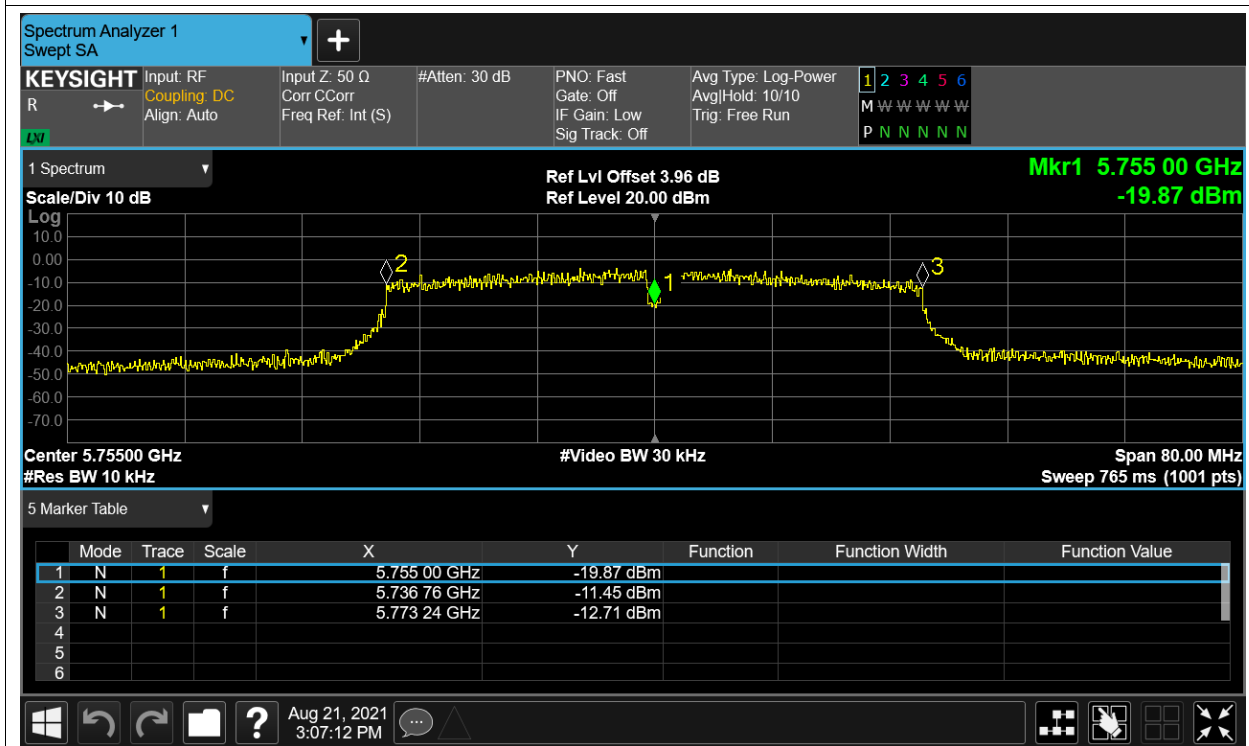
Freq. Stability HVLT n40 5755MHz ANT0



Freq. Stability HVLT n40 5755MHz ANT1



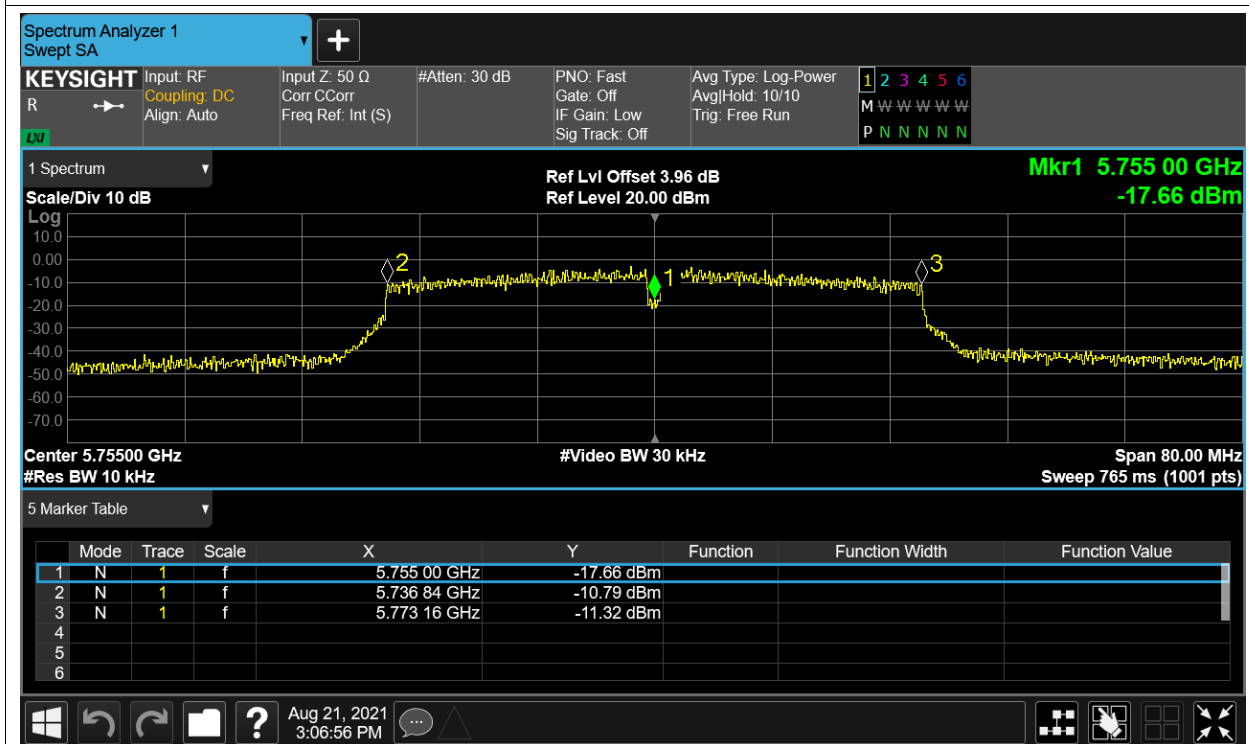
Freq. Stability LVHT n40 5755MHz ANT0



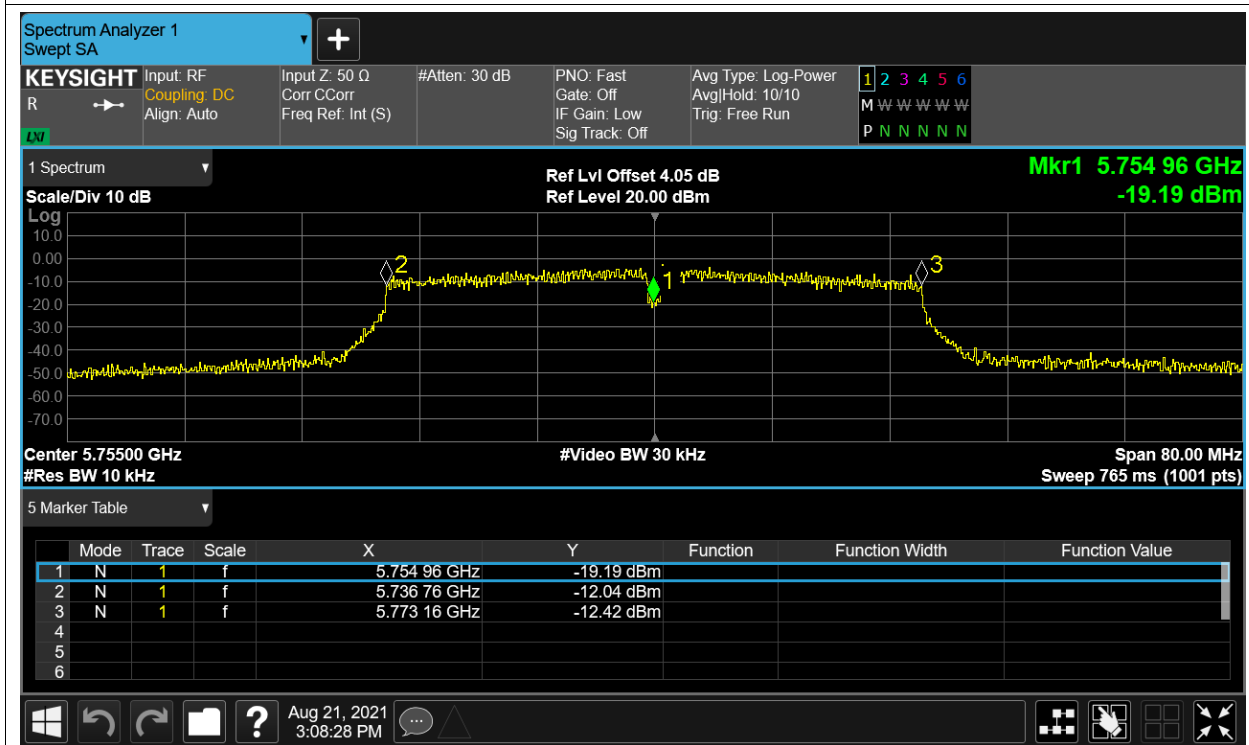
Freq. Stability LVHT n40 5755MHz ANT1



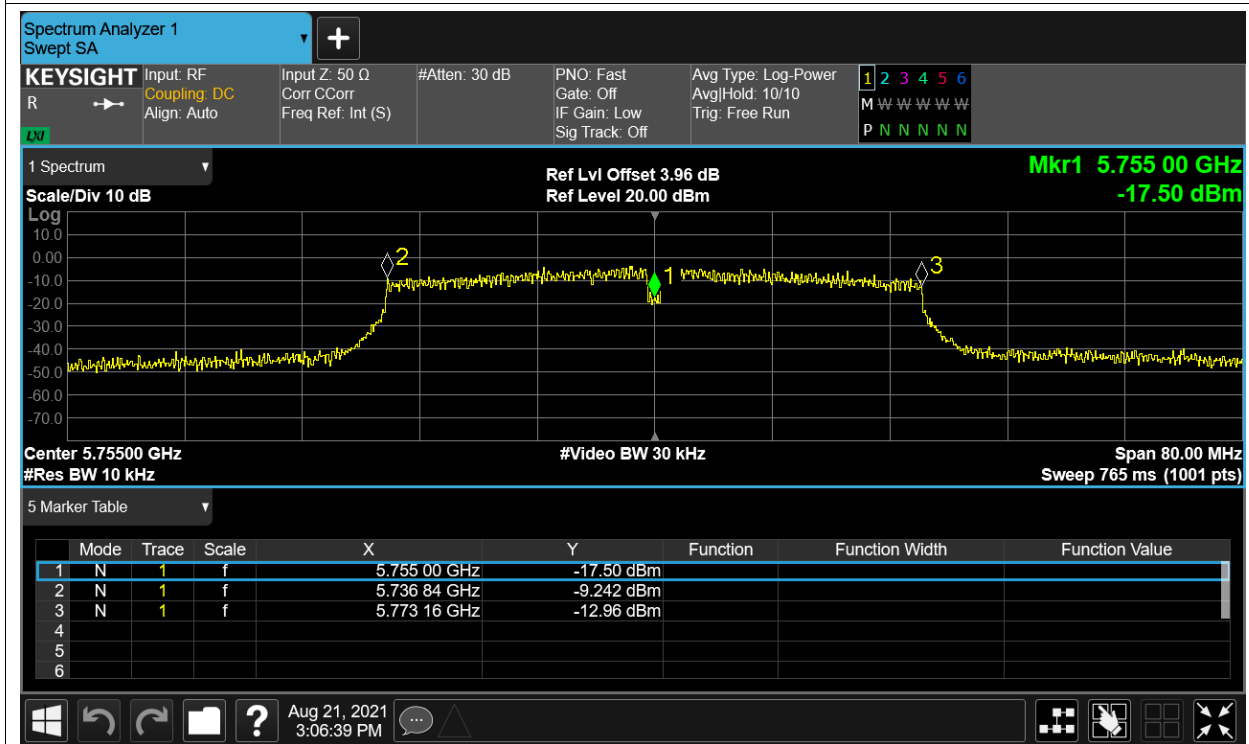
Freq. Stability LVLT n40 5755MHz ANT0

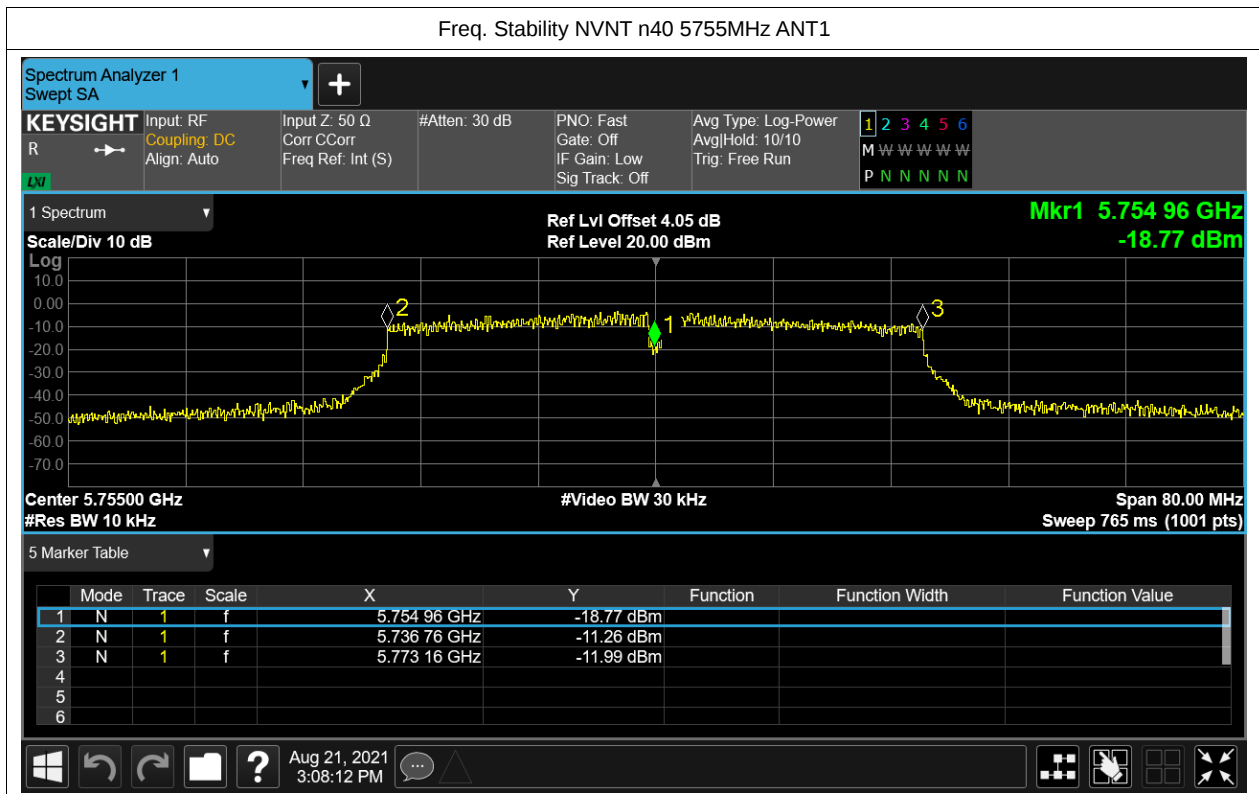


Freq. Stability LVL T n40 5755MHz ANT1



Freq. Stability NVNT n40 5755MHz ANT0





Duty Cycle

Condition	Mode	Frequency (MHz)	Antenna	Duty Cycle (%)	Correction Factor (dB)
NVNT	a	5745	ANT0	98.3	0.07
NVNT	a	5785	ANT0	97.6	0.11
NVNT	a	5825	ANT0	97.16	0.13
NVNT	a	5745	ANT1	98.43	0.07
NVNT	a	5785	ANT1	97.71	0.1
NVNT	a	5825	ANT1	96.93	0.14
NVNT	ac20	5745	MIMO	99.49	0.02
NVNT	ac20	5785	MIMO	99.34	0.03
NVNT	ac20	5825	MIMO	99.11	0.04
NVNT	ac40	5755	MIMO	97.22	0.12
NVNT	ac40	5795	MIMO	97.19	0.12
NVNT	ac80	5775	MIMO	97.26	0.12
NVNT	ax20	5745	MIMO	99.39	0.03
NVNT	ax20	5785	MIMO	99.15	0.04
NVNT	ax20	5825	MIMO	99	0.04
NVNT	ax40	5755	MIMO	97.05	0.13
NVNT	ax40	5795	MIMO	96.23	0.17
NVNT	ax80	5775	MIMO	97.26	0.12
NVNT	n20	5745	ANT0	99.68	0.01
NVNT	n20	5785	ANT0	99.6	0.02
NVNT	n20	5825	ANT0	99.57	0.02
NVNT	n20	5745	ANT1	99.75	0.01
NVNT	n20	5785	ANT1	99.65	0.02
NVNT	n20	5825	ANT1	99.67	0.01
NVNT	n40	5755	ANT0	98.41	0.07
NVNT	n40	5795	ANT0	97.82	0.1
NVNT	n40	5755	ANT1	98.74	0.06
NVNT	n40	5795	ANT1	98.17	0.08

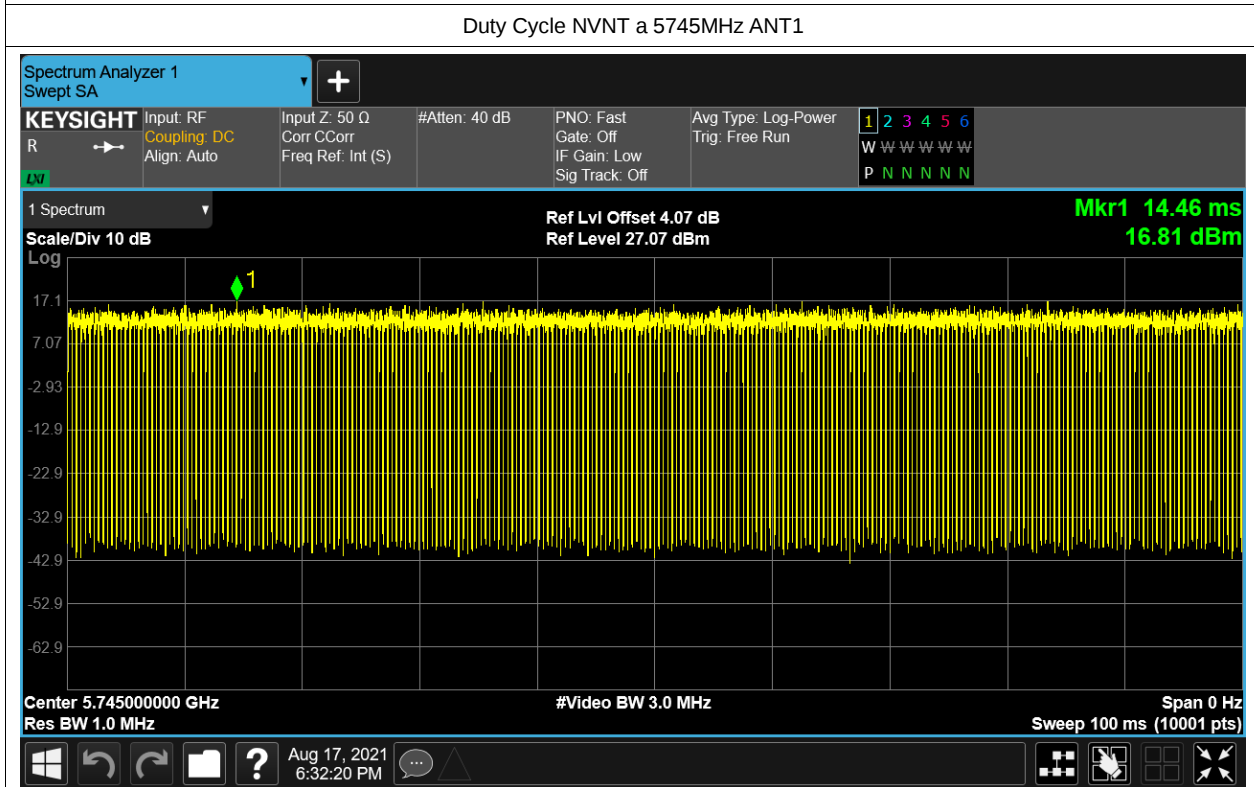
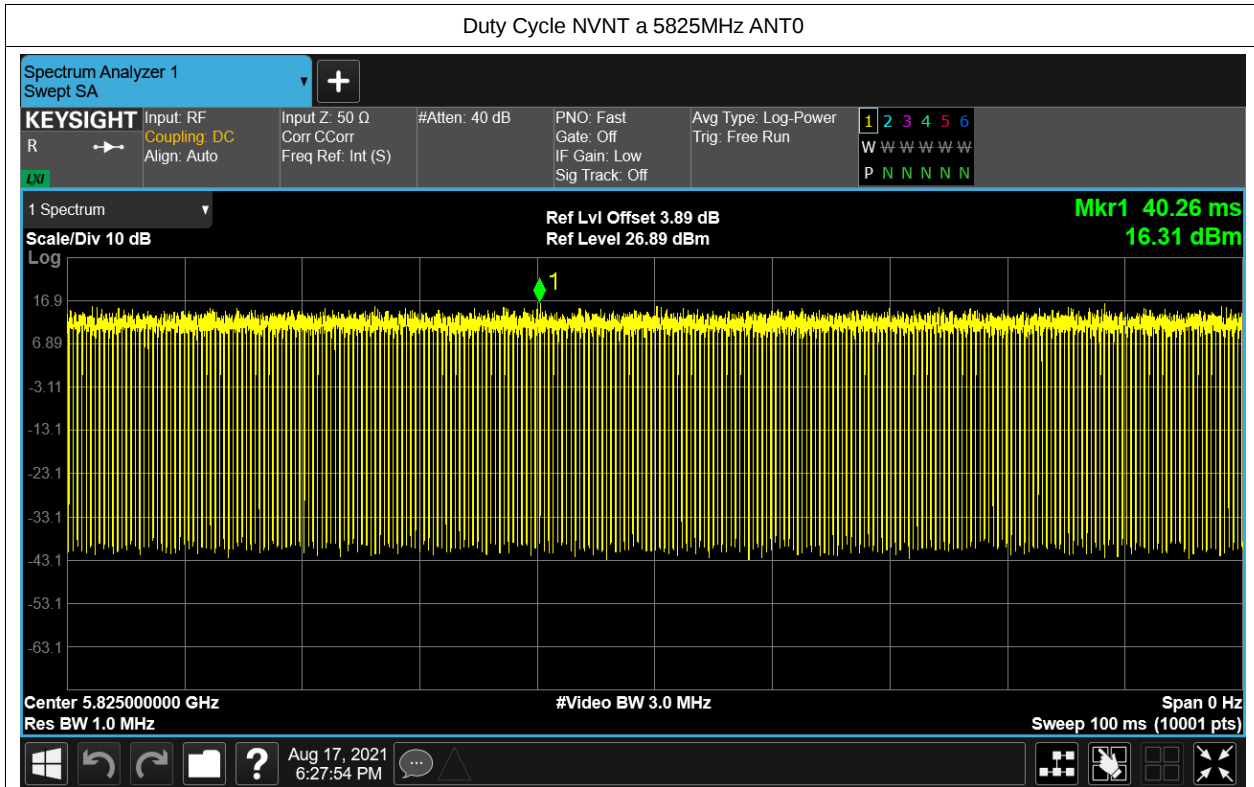
Test Graphs

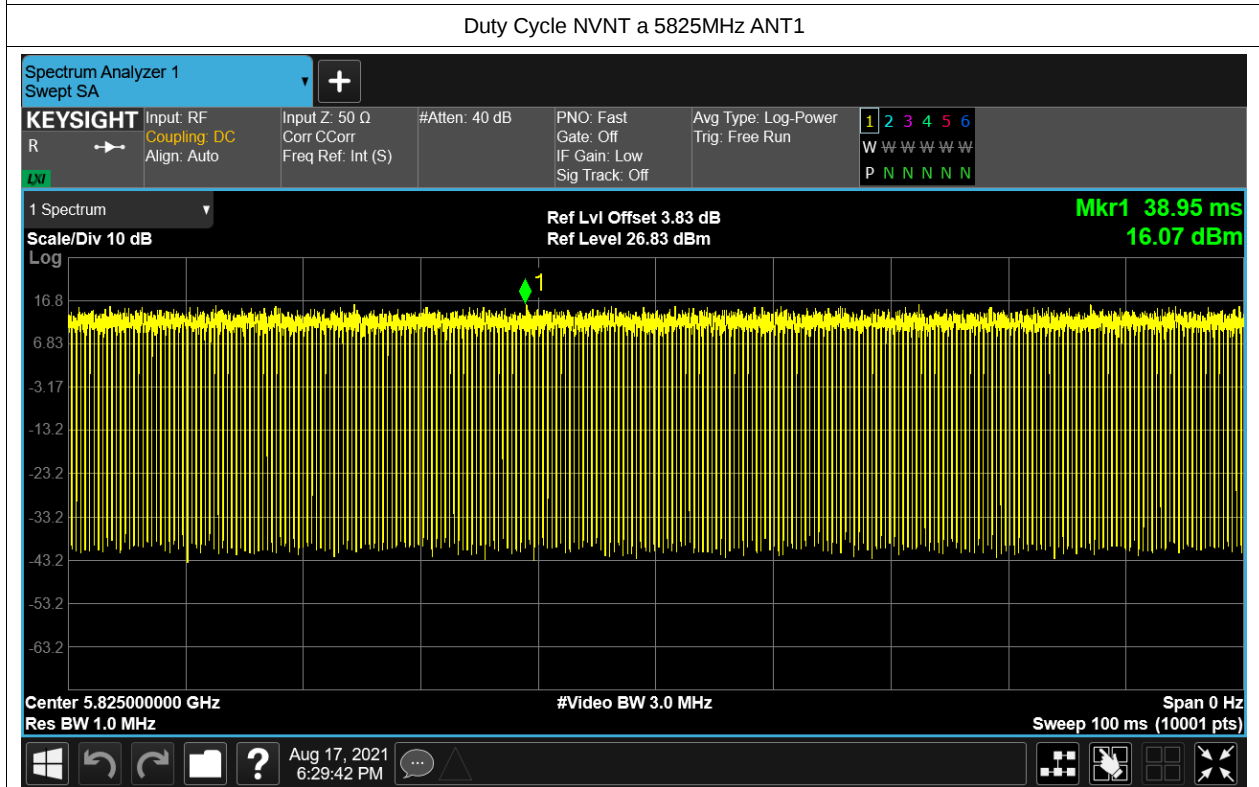
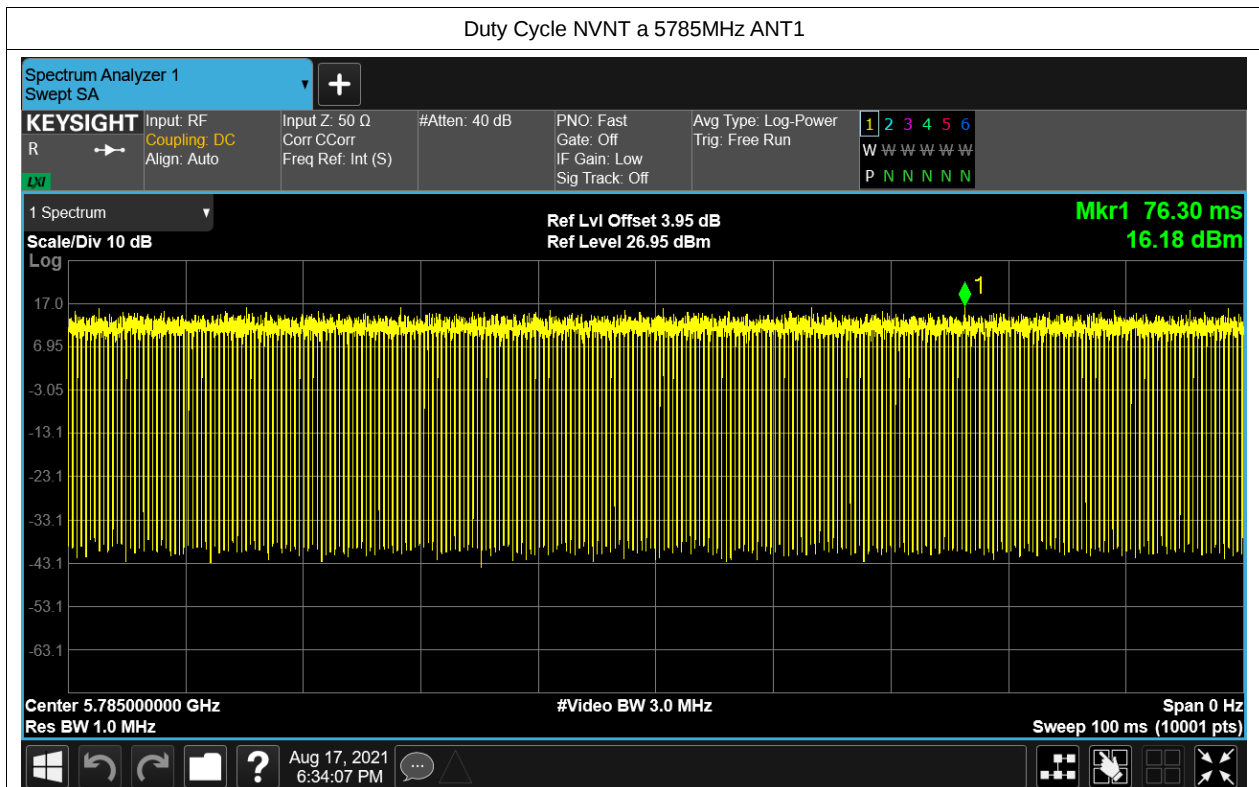
Duty Cycle NVNT a 5745MHz ANT0

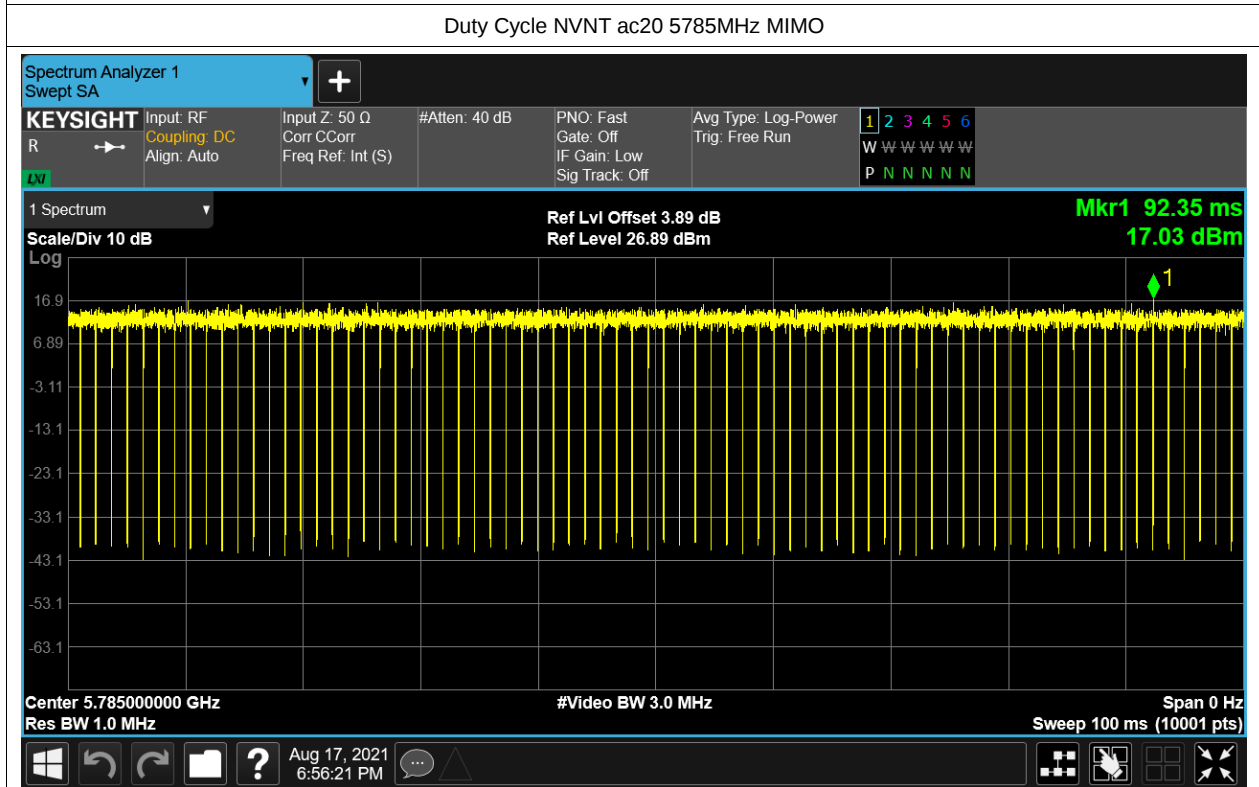
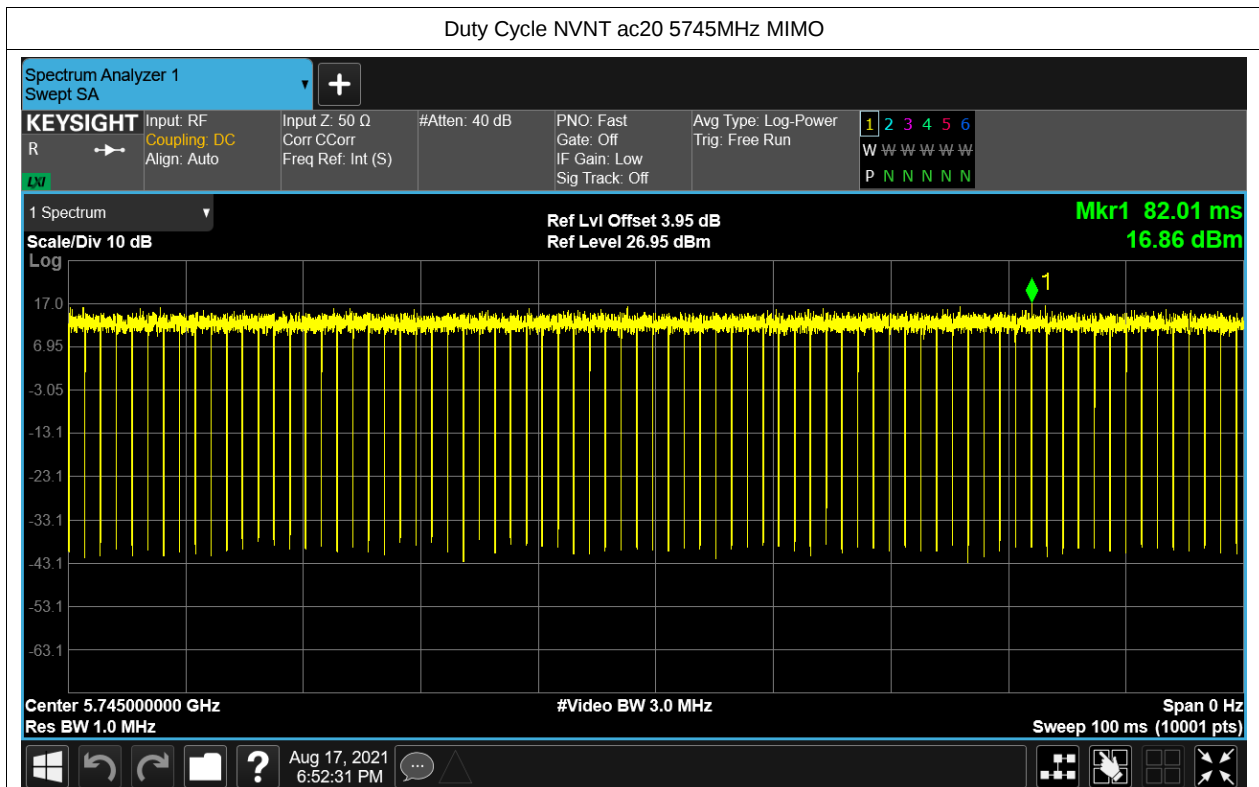


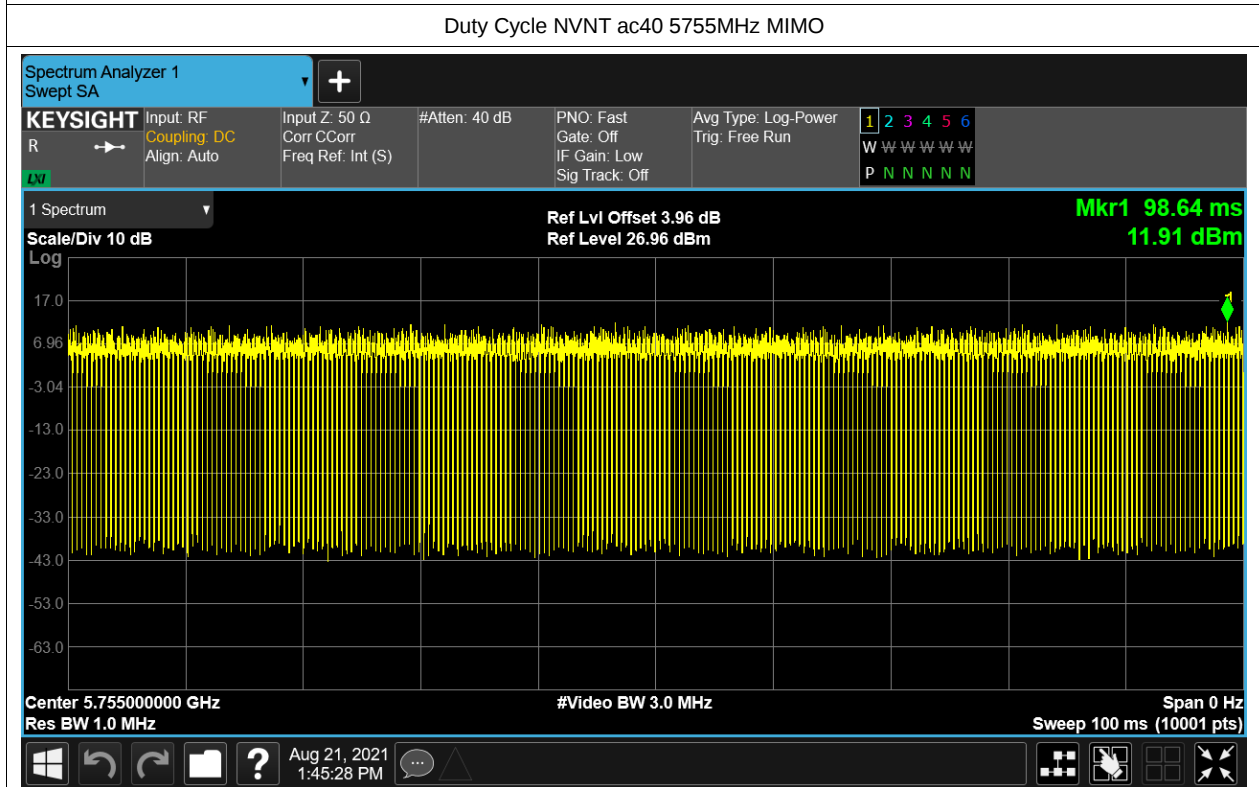
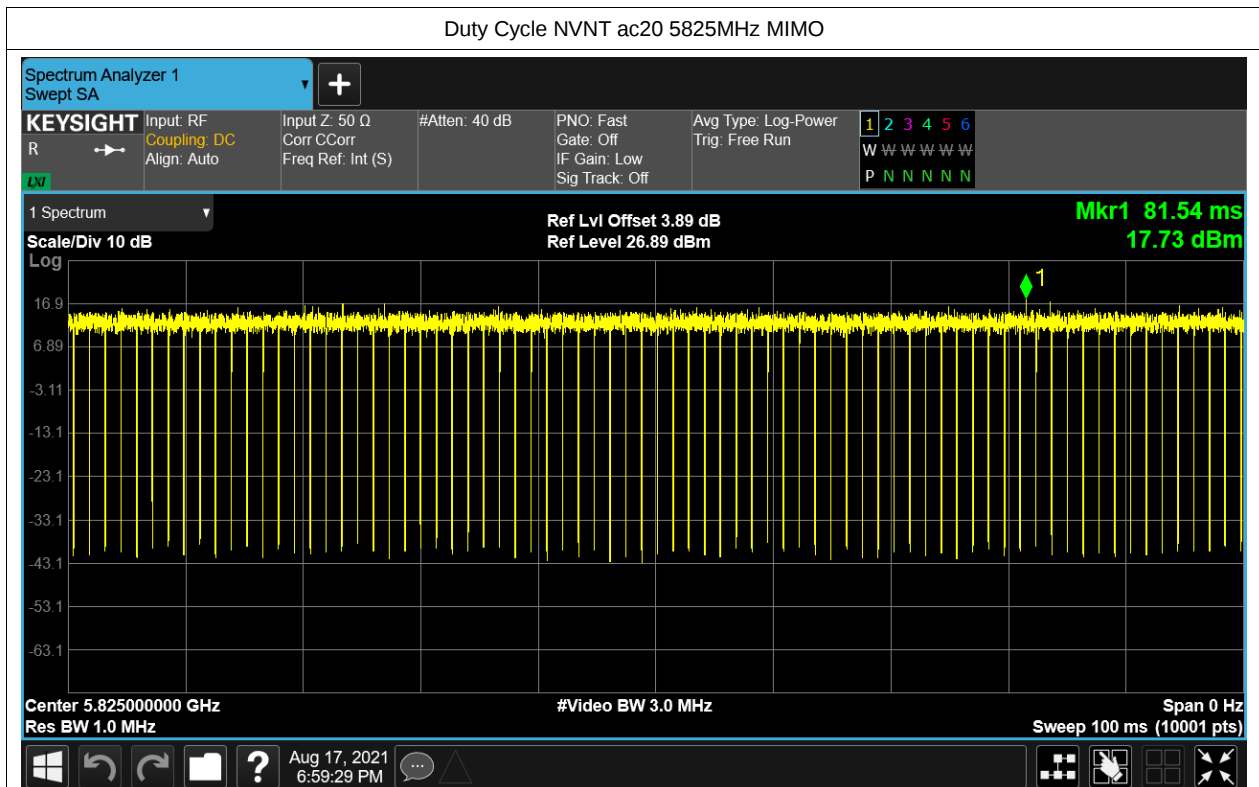
Duty Cycle NVNT a 5785MHz ANT0

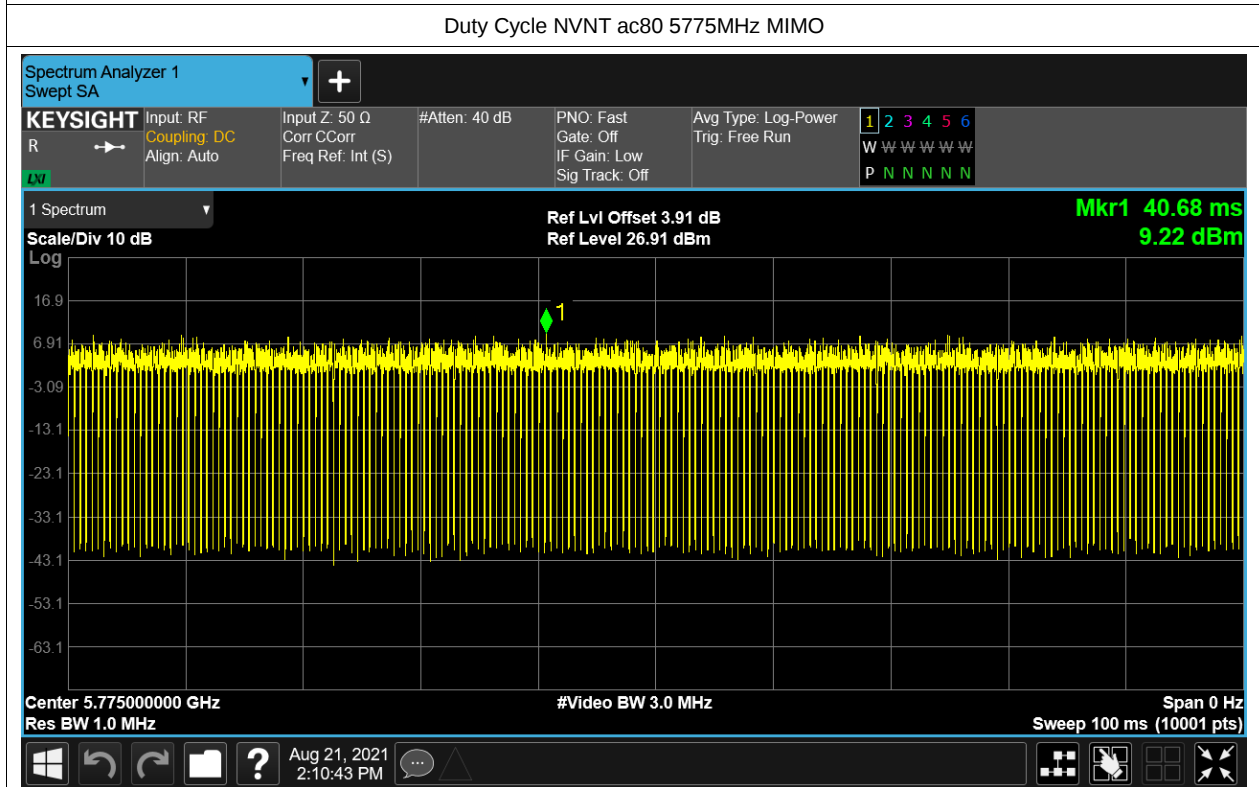
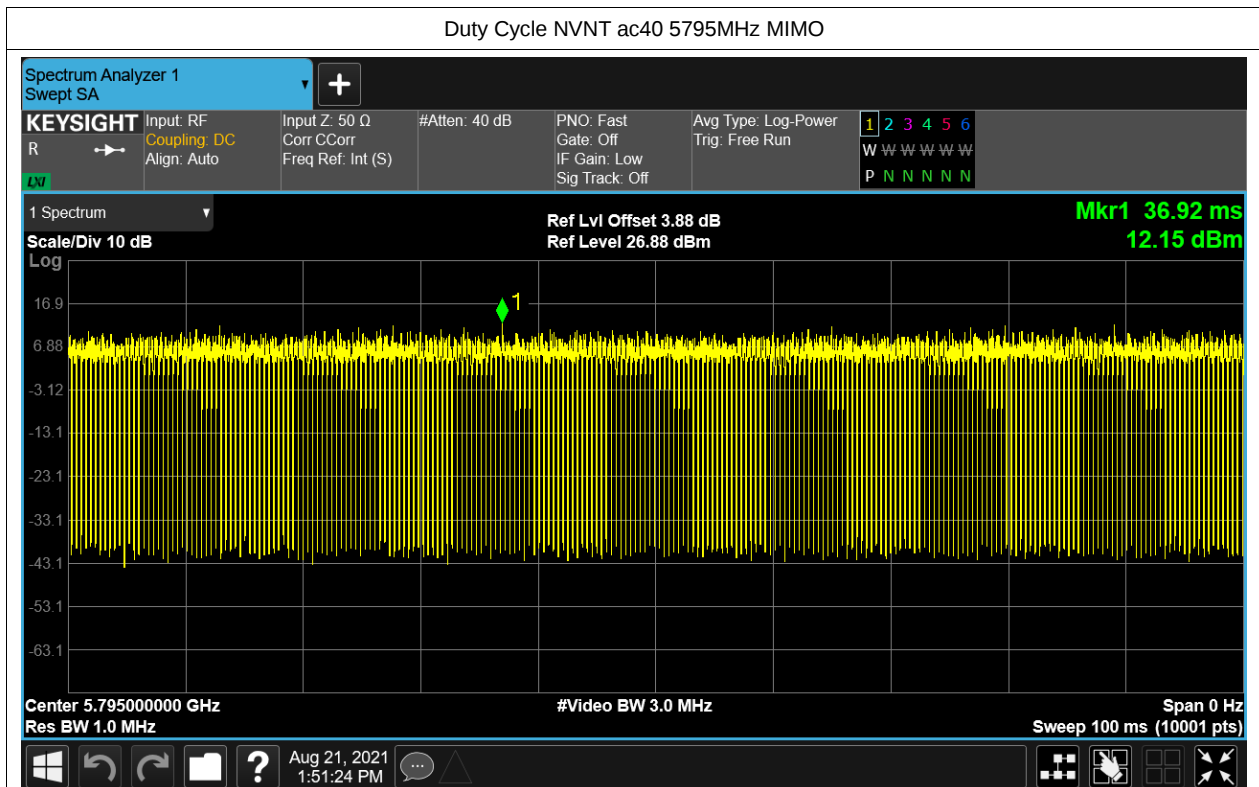


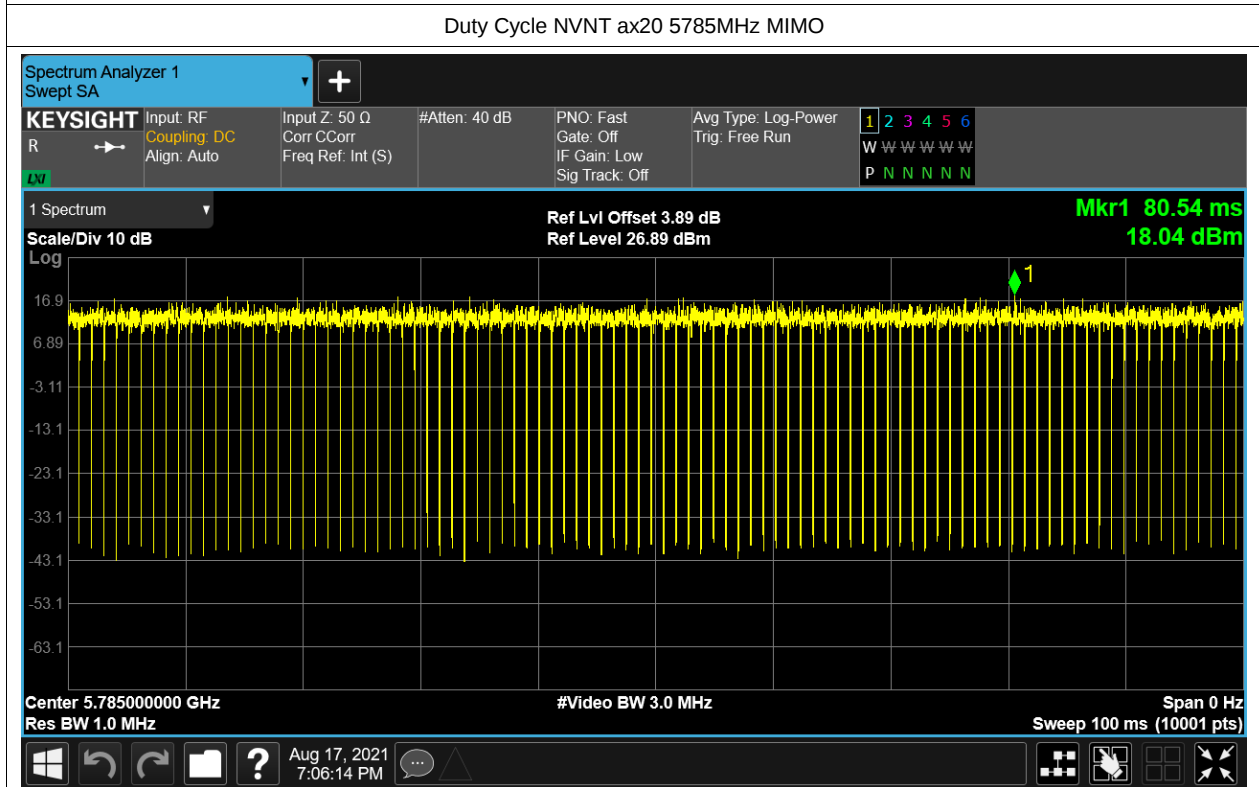
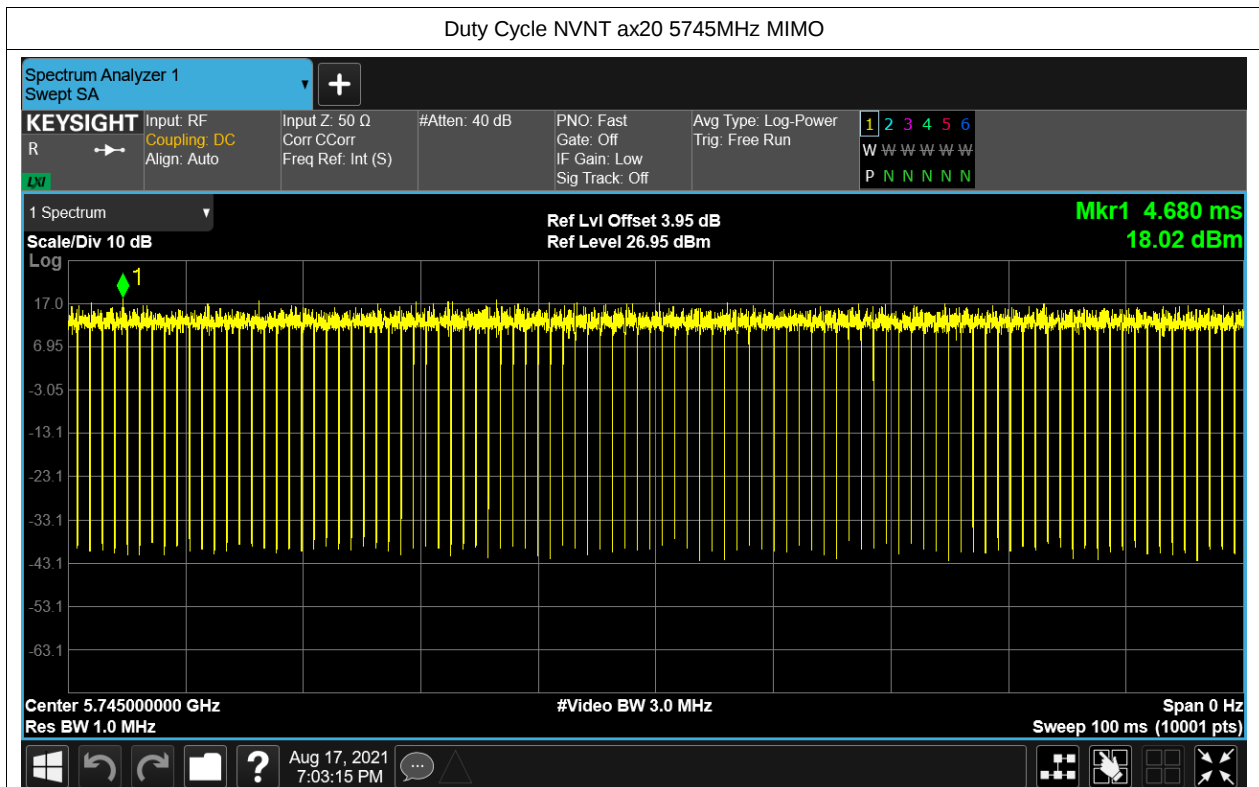


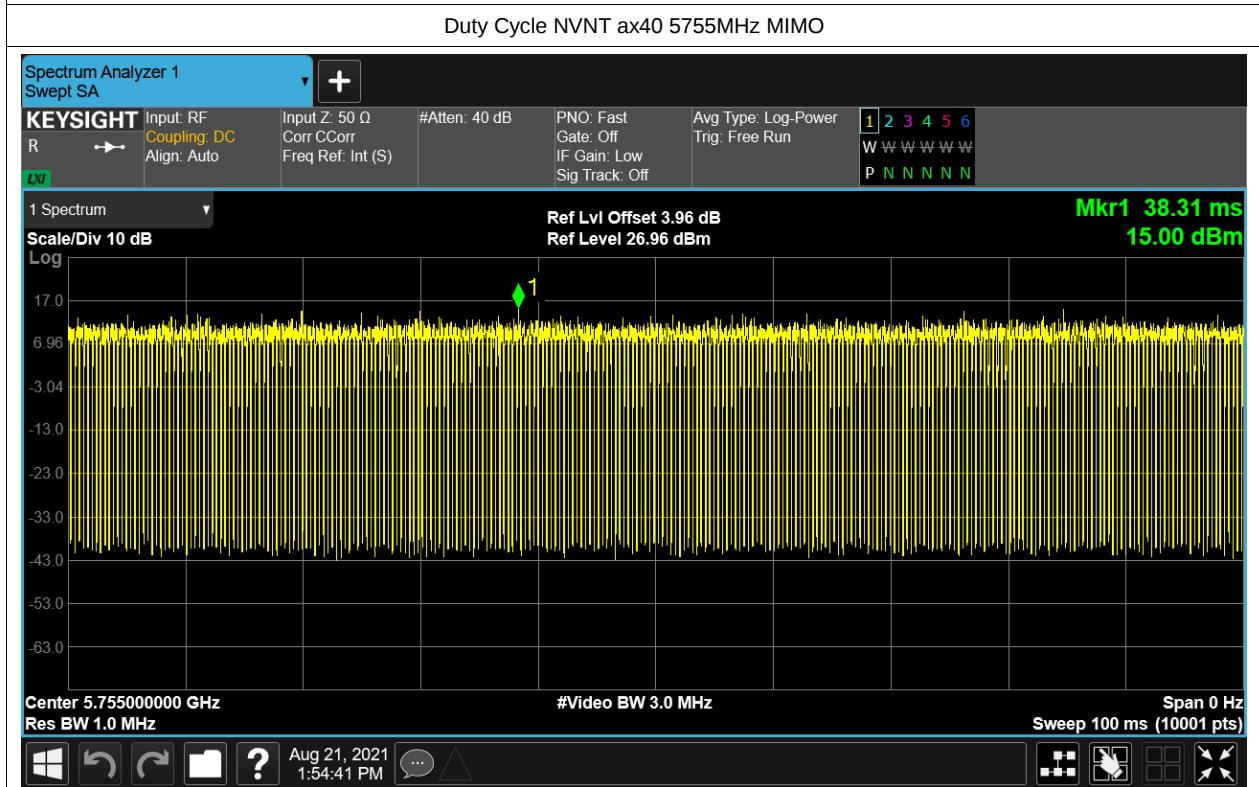
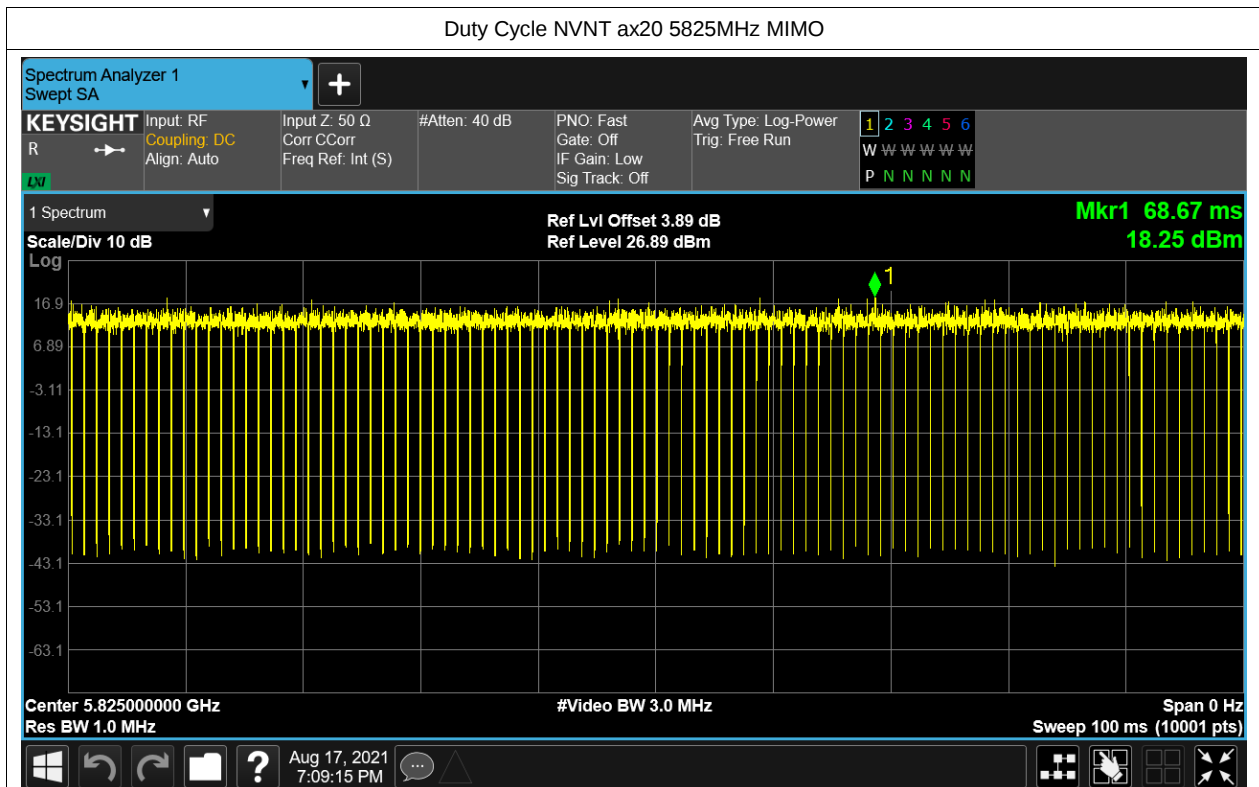


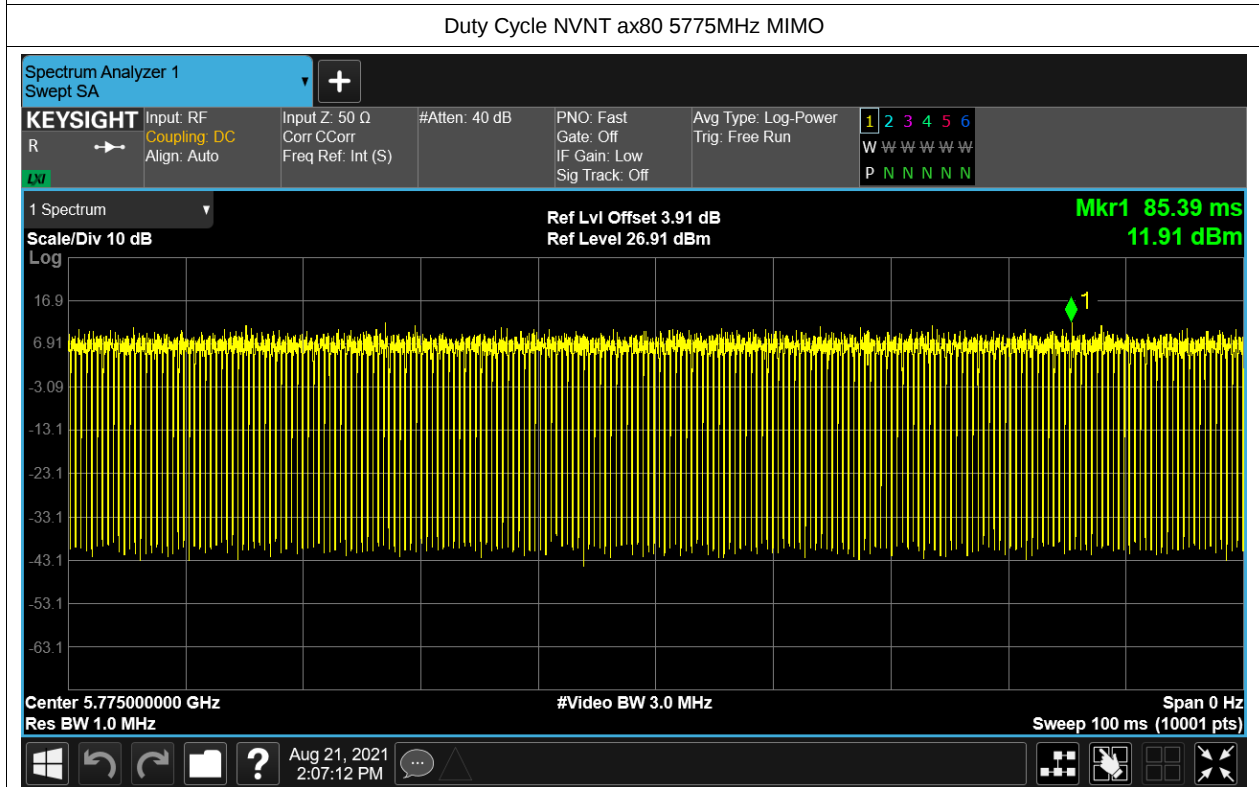
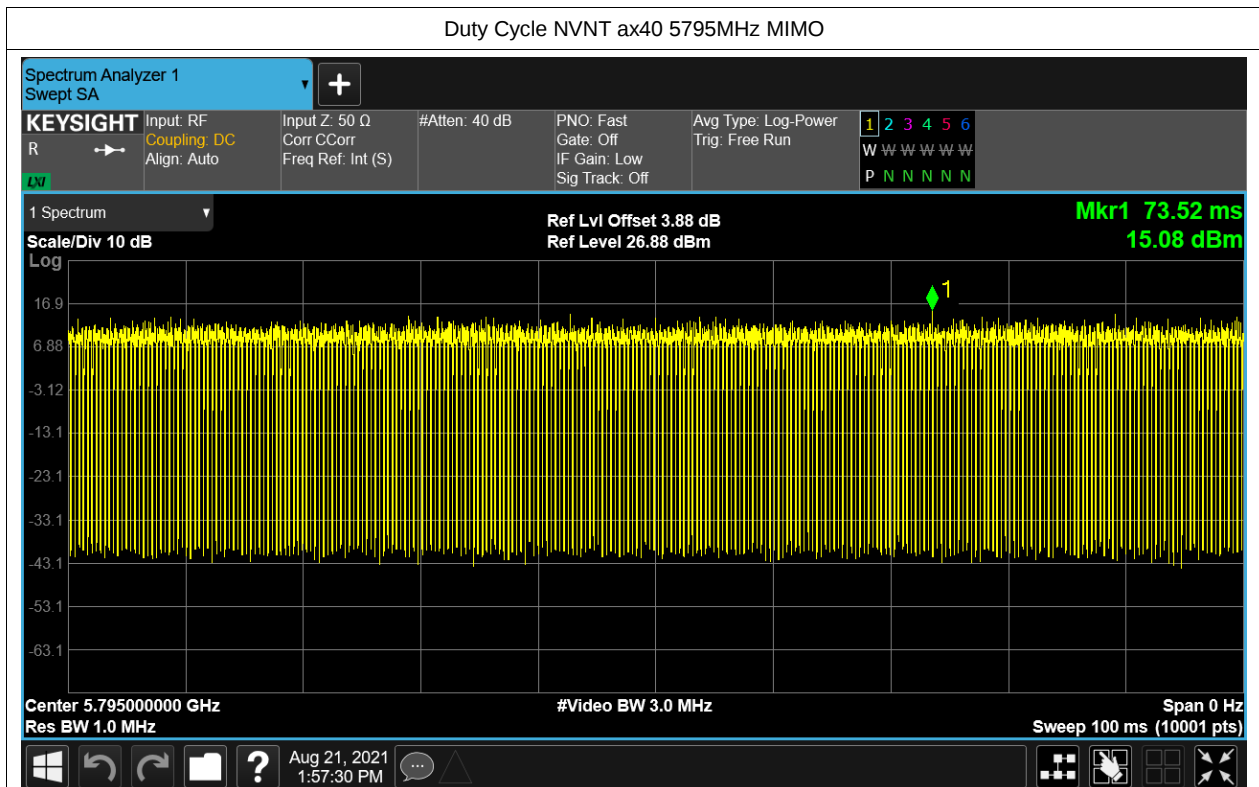


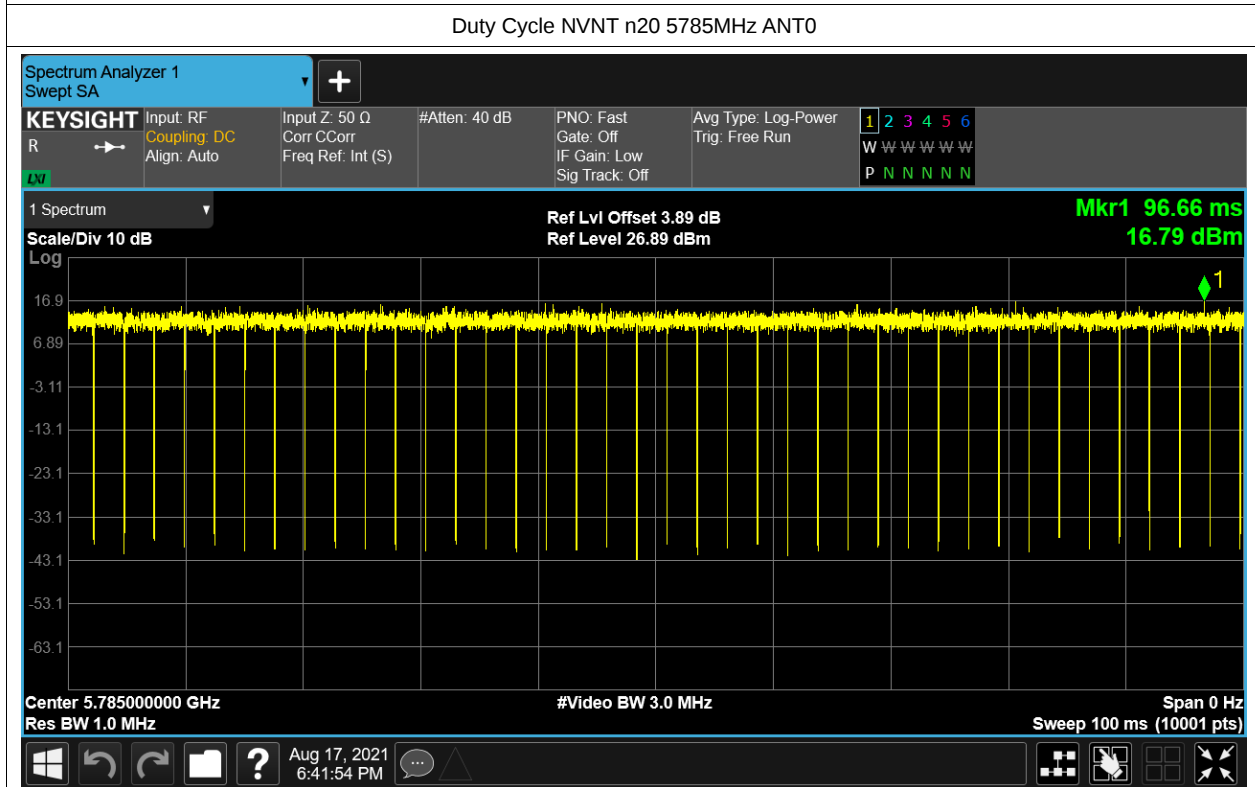
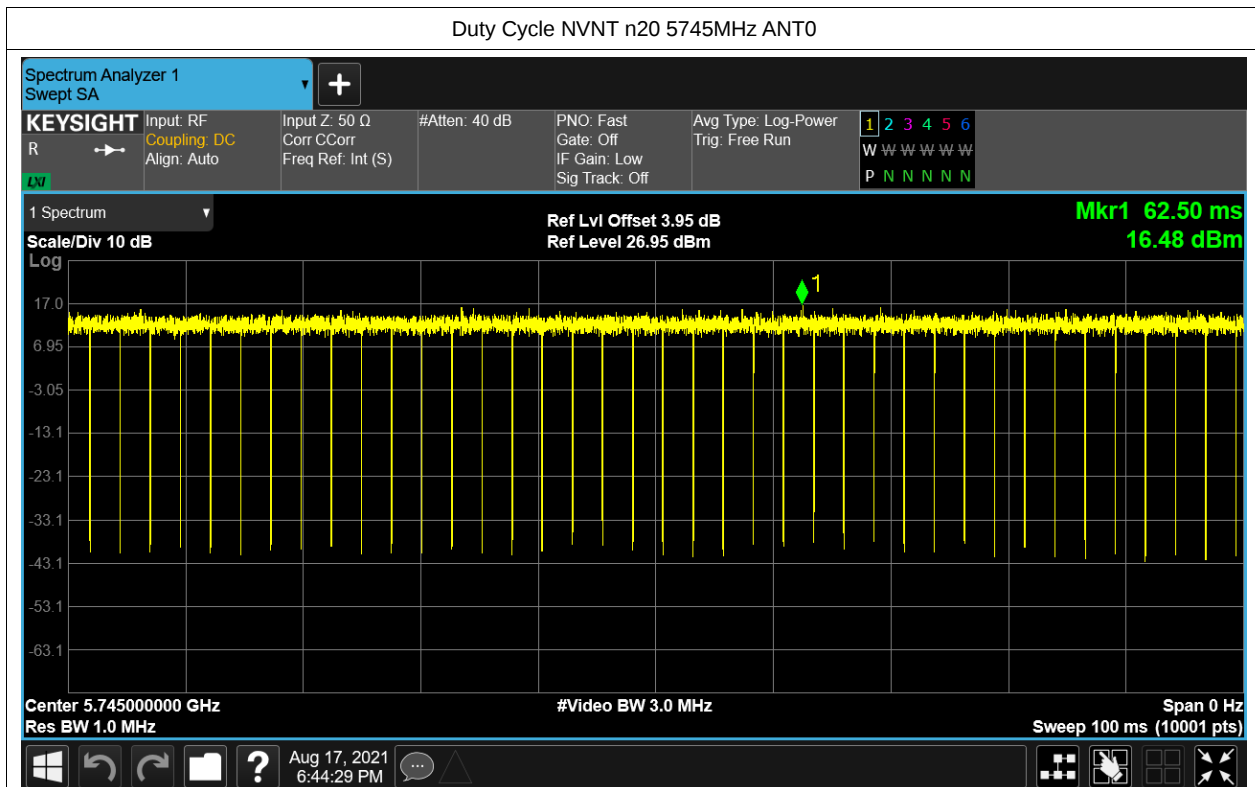


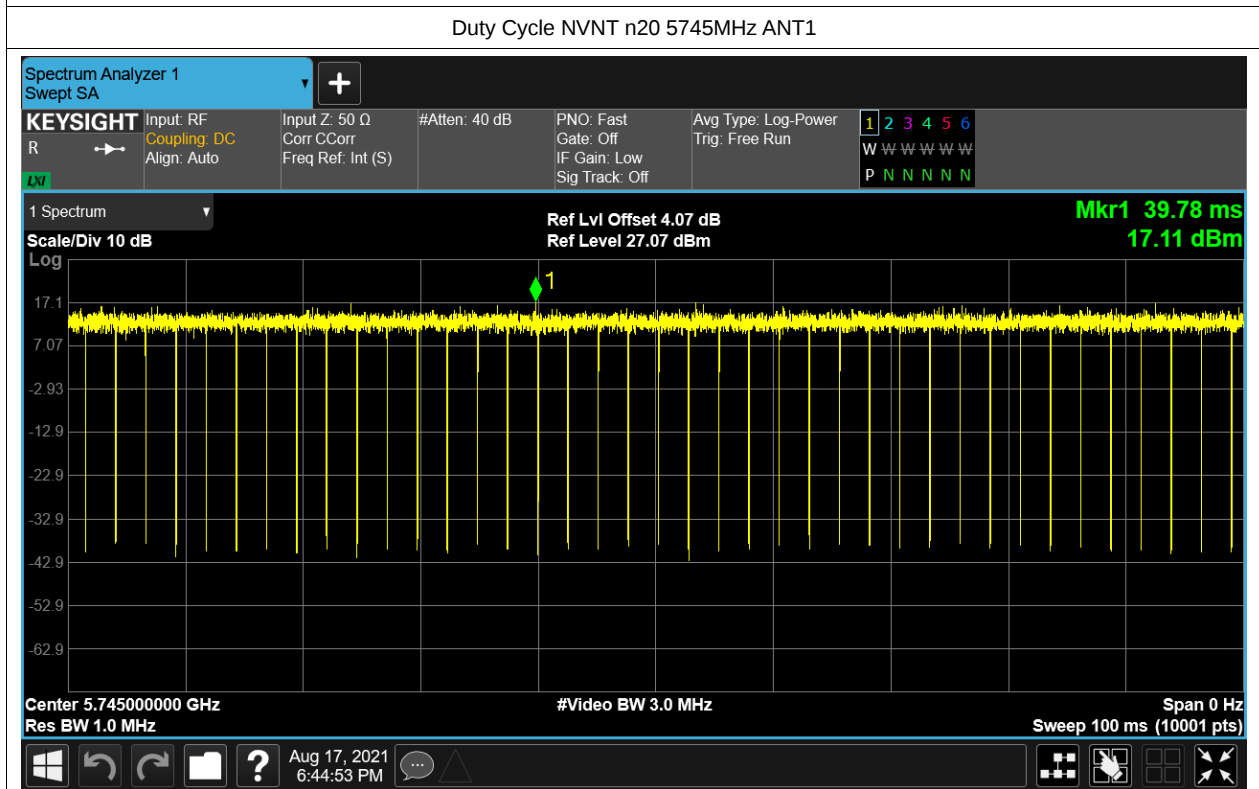
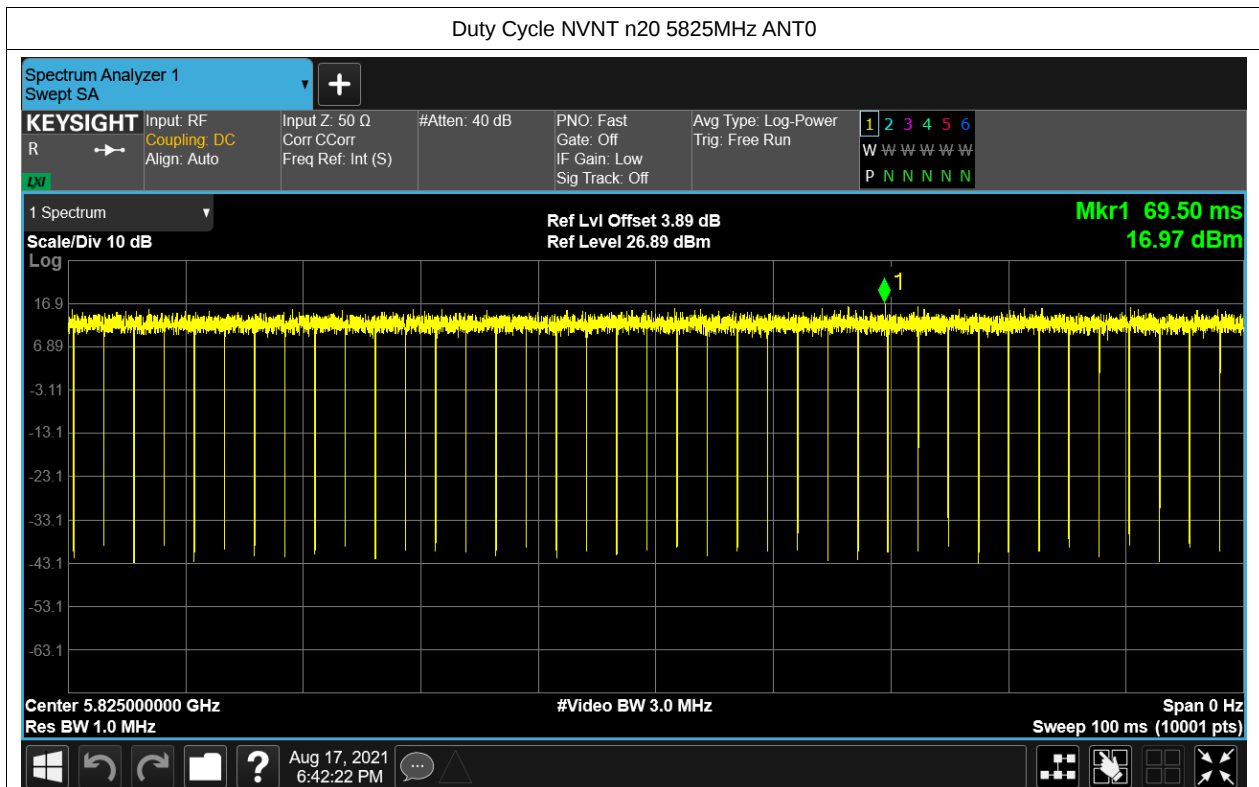




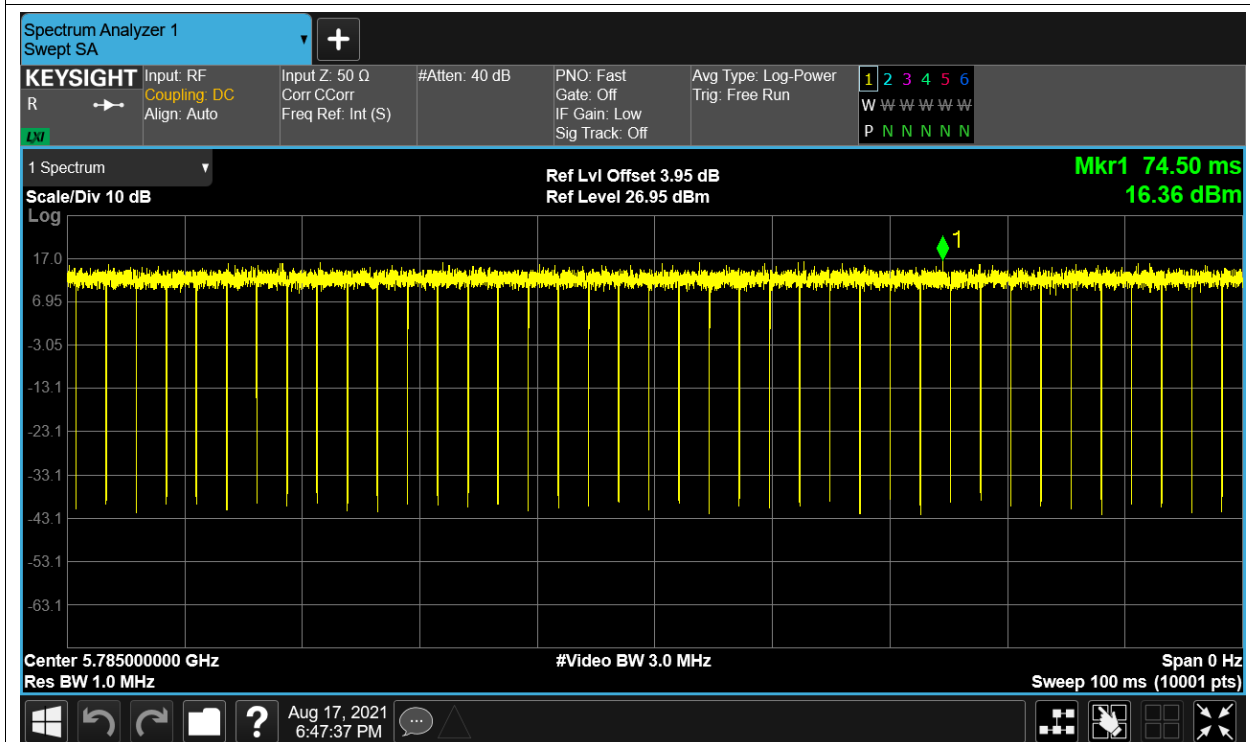




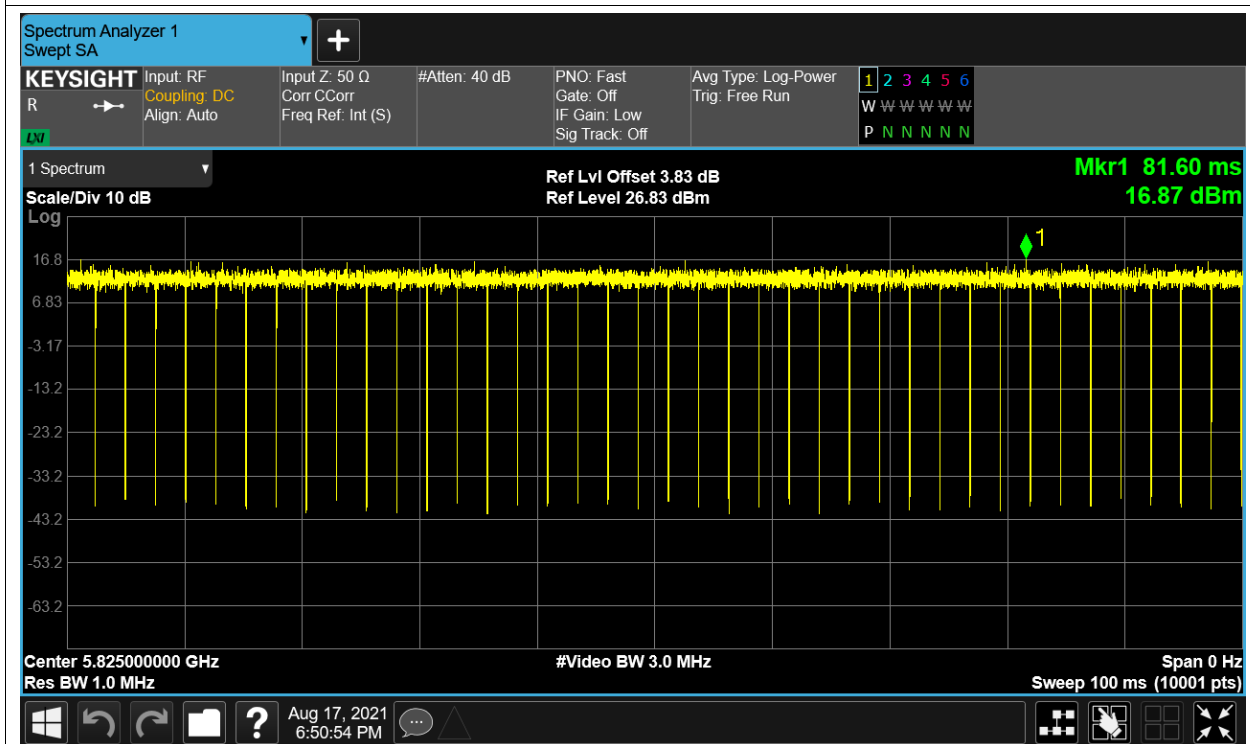


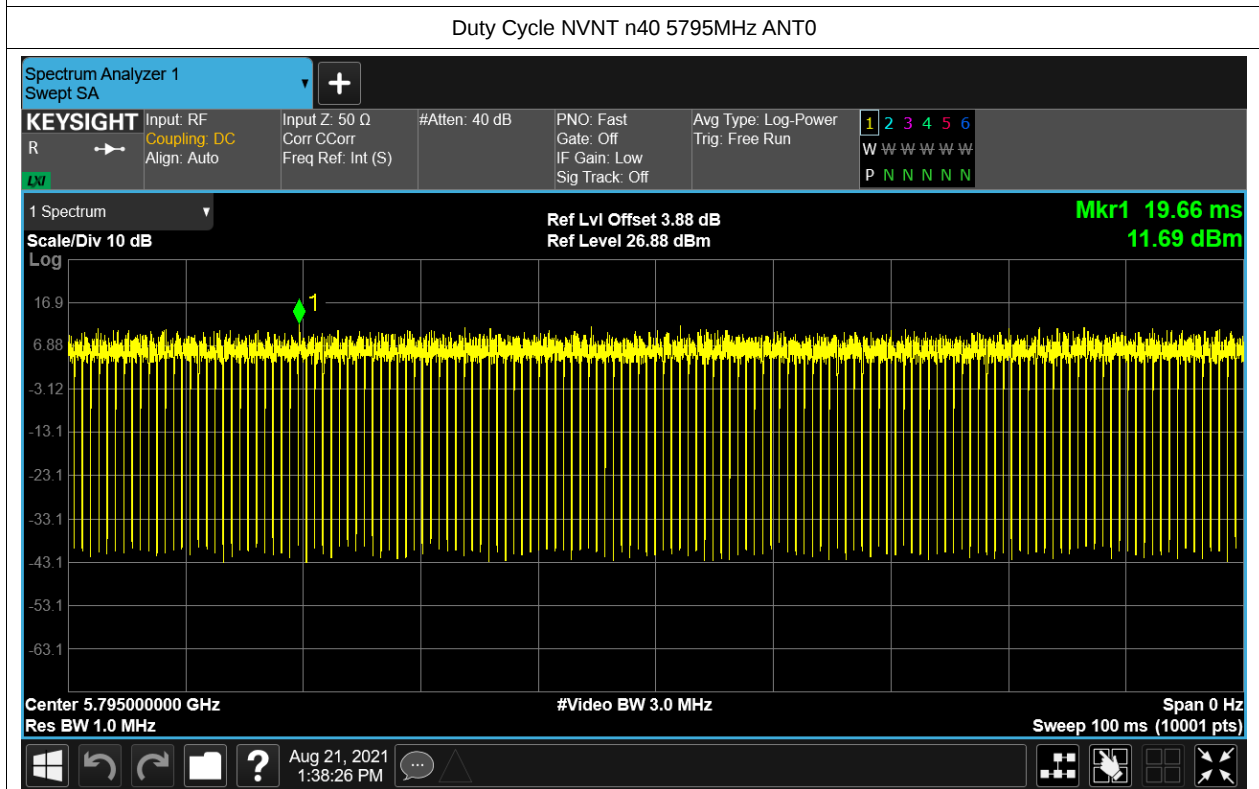
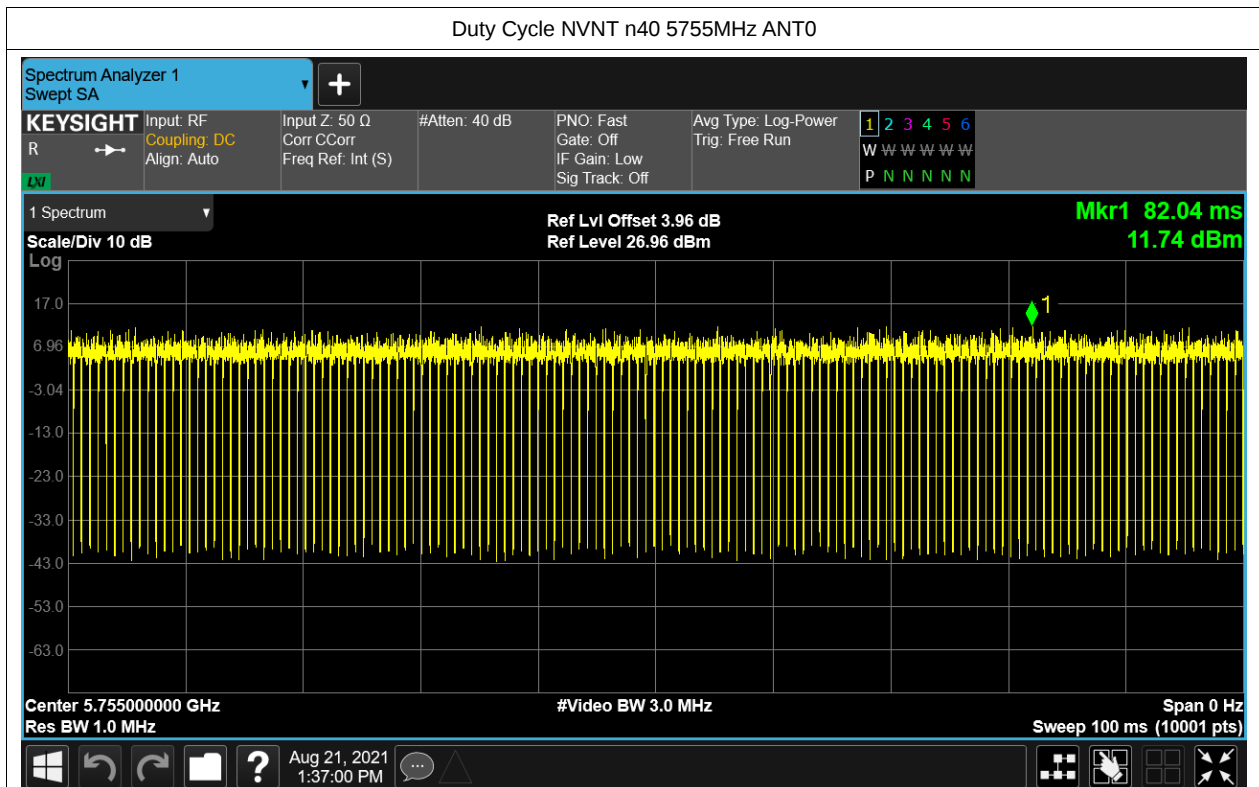


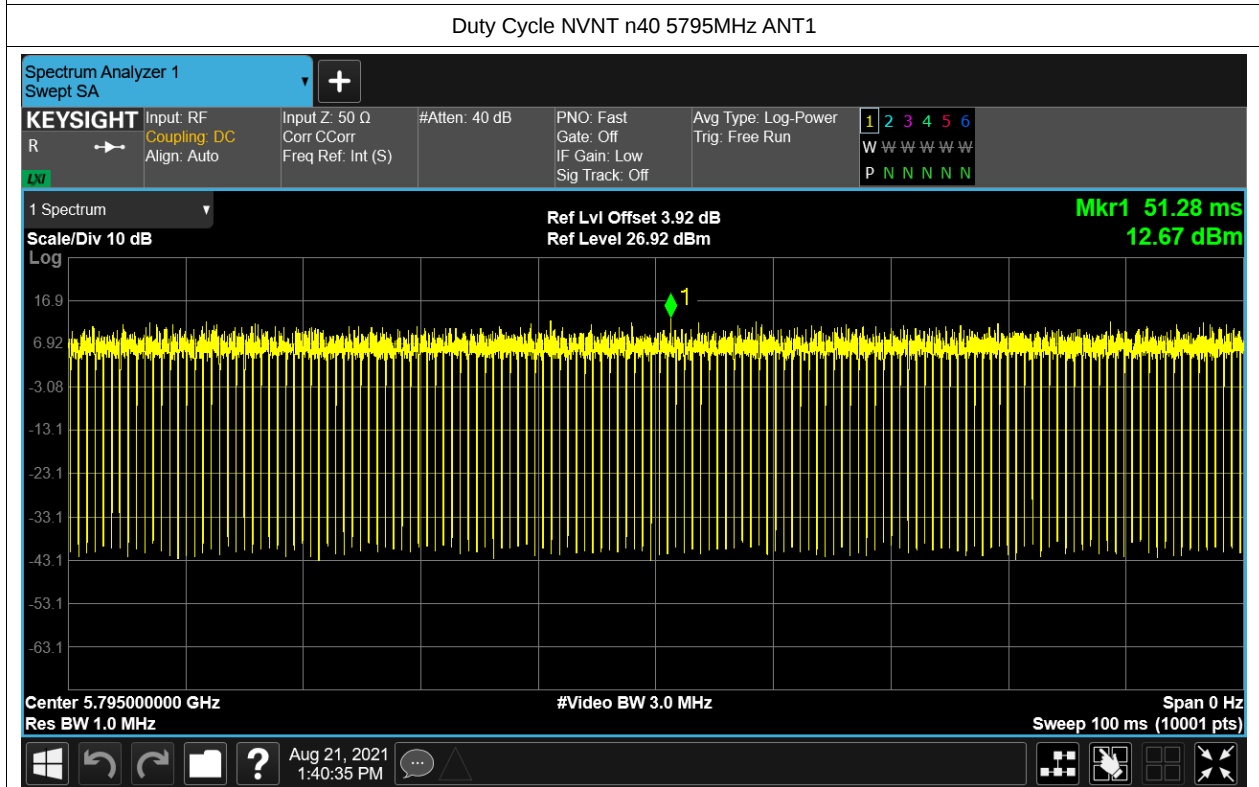
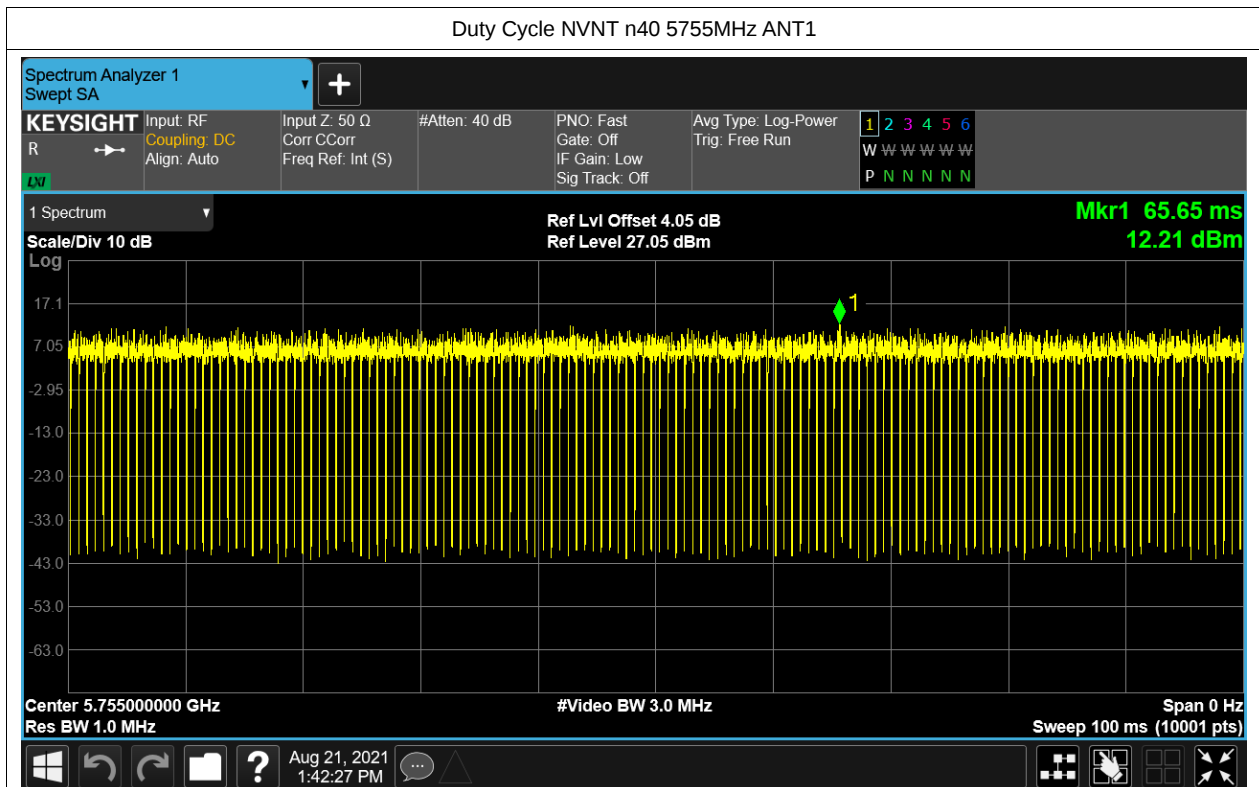
Duty Cycle NVNT n20 5785MHz ANT1



Duty Cycle NVNT n20 5825MHz ANT1







Maximum Conducted Output Power

Condition	Mode	Frequency (MHz)	Antenna	Conducted Power (dBm)	Duty Factor (dB)	Total Power (dBm)	Limit (dBm)	Verdict
NVNT	a	5745	ANT0	18.54	0.07	18.61	30	Pass
NVNT	a	5785	ANT0	18.34	0.11	18.45	30	Pass
NVNT	a	5825	ANT0	18.26	0.13	18.39	30	Pass
NVNT	a	5745	ANT1	18.43	0.07	18.5	30	Pass
NVNT	a	5785	ANT1	18.23	0.1	18.33	30	Pass
NVNT	a	5825	ANT1	18.46	0.14	18.6	30	Pass
NVNT	ac20	5745	ANT0	19.1	0.02	19.12	27.57	Pass
NVNT	ac20	5745	ANT1	19.06	0.02	19.08	27.57	Pass
NVNT	ac20	5745	MIMO	22.09	0.02	22.11	27.57	Pass
NVNT	ac20	5785	ANT0	19.79	0.03	19.82	27.57	Pass
NVNT	ac20	5785	ANT1	19.41	0.03	19.44	27.57	Pass
NVNT	ac20	5785	MIMO	22.614	0.03	22.644	27.57	Pass
NVNT	ac20	5825	ANT0	19.59	0.04	19.63	27.57	Pass
NVNT	ac20	5825	ANT1	19.49	0.04	19.53	27.57	Pass
NVNT	ac20	5825	MIMO	22.551	0.04	22.591	27.57	Pass
NVNT	ac40	5755	ANT0	18.52	0.12	18.64	27.57	Pass
NVNT	ac40	5755	ANT1	18.65	0.12	18.77	27.57	Pass
NVNT	ac40	5755	MIMO	21.596	0.12	21.716	27.57	Pass
NVNT	ac40	5795	ANT0	19.09	0.12	19.21	27.57	Pass
NVNT	ac40	5795	ANT1	18.89	0.12	19.01	27.57	Pass
NVNT	ac40	5795	MIMO	22.001	0.12	22.121	27.57	Pass
NVNT	ac80	5775	ANT0	19.19	0.12	19.31	27.57	Pass
NVNT	ac80	5775	ANT1	19.05	0.12	19.17	27.57	Pass
NVNT	ac80	5775	MIMO	22.131	0.12	22.251	27.57	Pass
NVNT	ax20	5745	ANT0	19.49	0.03	19.52	27.57	Pass
NVNT	ax20	5745	ANT1	19.37	0.03	19.4	27.57	Pass
NVNT	ax20	5745	MIMO	22.441	0.03	22.471	27.57	Pass
NVNT	ax20	5785	ANT0	19.95	0.04	19.99	27.57	Pass
NVNT	ax20	5785	ANT1	19.59	0.04	19.63	27.57	Pass
NVNT	ax20	5785	MIMO	22.784	0.04	22.824	27.57	Pass
NVNT	ax20	5825	ANT0	19.85	0.04	19.89	27.57	Pass
NVNT	ax20	5825	ANT1	19.69	0.04	19.73	27.57	Pass
NVNT	ax20	5825	MIMO	22.781	0.04	22.821	27.57	Pass
NVNT	ax40	5755	ANT0	18.79	0.13	18.92	27.57	Pass
NVNT	ax40	5755	ANT1	18.9	0.13	19.03	27.57	Pass
NVNT	ax40	5755	MIMO	21.856	0.13	21.986	27.57	Pass
NVNT	ax40	5795	ANT0	19.34	0.17	19.51	27.57	Pass
NVNT	ax40	5795	ANT1	19.08	0.17	19.25	27.57	Pass

NVNT	ax40	5795	MIMO	22.222	0.17	22.392	27.57	Pass
NVNT	ax80	5775	ANT0	19.5	0.12	19.62	27.57	Pass
NVNT	ax80	5775	ANT1	19.29	0.12	19.41	27.57	Pass
NVNT	ax80	5775	MIMO	22.407	0.12	22.527	27.57	Pass
NVNT	n20	5745	ANT0	18.65	0.01	18.66	30	Pass
NVNT	n20	5785	ANT0	19.4	0.02	19.42	30	Pass
NVNT	n20	5825	ANT0	19.28	0.02	19.3	30	Pass
NVNT	n20	5745	ANT1	18.8	0.01	18.81	30	Pass
NVNT	n20	5785	ANT1	19.14	0.02	19.16	30	Pass
NVNT	n20	5825	ANT1	19.29	0.01	19.3	30	Pass
NVNT	n40	5755	ANT0	18.29	0.07	18.36	30	Pass
NVNT	n40	5795	ANT0	18.87	0.1	18.97	30	Pass
NVNT	n40	5755	ANT1	18.44	0.06	18.5	30	Pass
NVNT	n40	5795	ANT1	18.8	0.08	18.88	30	Pass

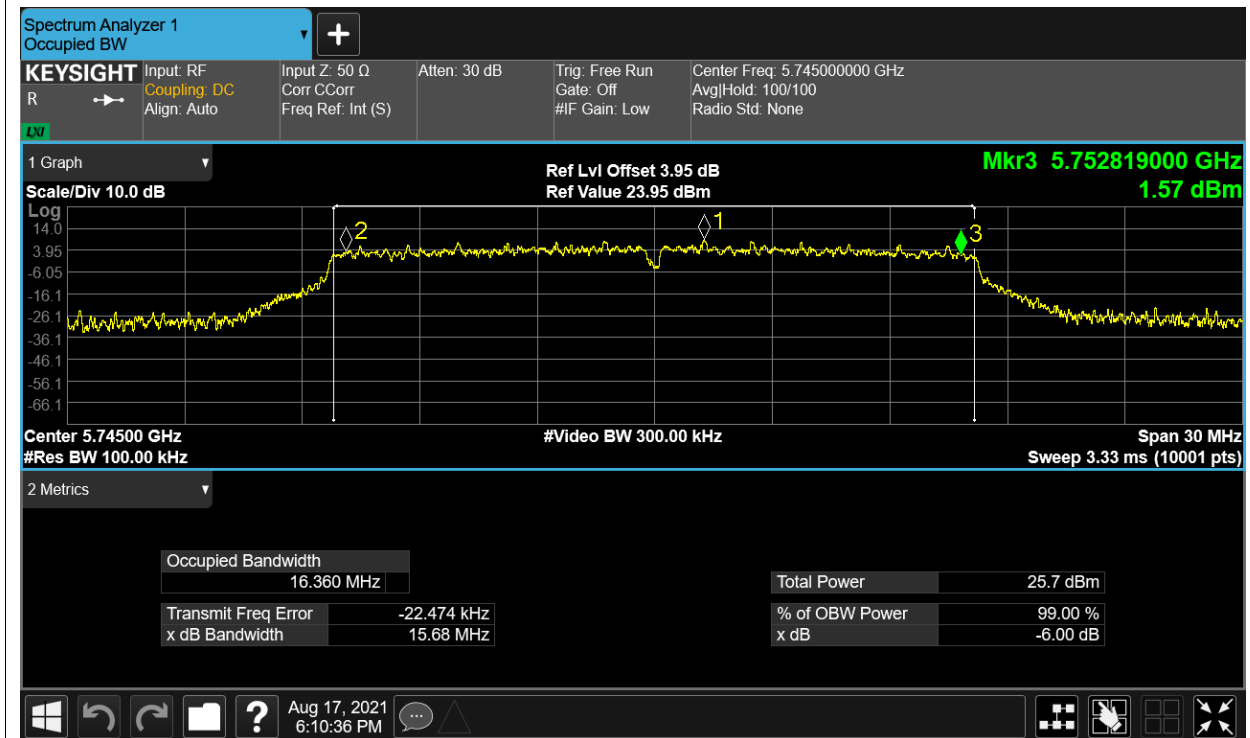
-6dB Bandwidth

Condition	Mode	Frequency (MHz)	Antenna	-6 dB Bandwidth (MHz)	Limit -6 dB Bandwidth (MHz)	Verdict
NVNT	a	5745	ANT0	15.683	0.5	Pass
NVNT	a	5785	ANT0	16.319	0.5	Pass
NVNT	a	5825	ANT0	16.369	0.5	Pass
NVNT	a	5745	ANT1	16.339	0.5	Pass
NVNT	a	5785	ANT1	16.422	0.5	Pass
NVNT	a	5825	ANT1	16.074	0.5	Pass
NVNT	ac20	5745	ANT0	15.7	0.5	Pass
NVNT	ac20	5745	ANT1	16.693	0.5	Pass
NVNT	ac20	5785	ANT0	17.052	0.5	Pass
NVNT	ac20	5785	ANT1	16.318	0.5	Pass
NVNT	ac20	5825	ANT0	17.527	0.5	Pass
NVNT	ac20	5825	ANT1	15.652	0.5	Pass
NVNT	ac40	5755	ANT0	35.034	0.5	Pass
NVNT	ac40	5755	ANT1	35.074	0.5	Pass
NVNT	ac40	5795	ANT0	35.019	0.5	Pass
NVNT	ac40	5795	ANT1	35.025	0.5	Pass
NVNT	ac80	5775	ANT0	75.015	0.5	Pass
NVNT	ac80	5775	ANT1	75.002	0.5	Pass
NVNT	ax20	5745	ANT0	19.006	0.5	Pass
NVNT	ax20	5745	ANT1	18.882	0.5	Pass
NVNT	ax20	5785	ANT0	18.874	0.5	Pass
NVNT	ax20	5785	ANT1	18.714	0.5	Pass
NVNT	ax20	5825	ANT0	18.774	0.5	Pass
NVNT	ax20	5825	ANT1	18.673	0.5	Pass
NVNT	ax40	5755	ANT0	35.784	0.5	Pass
NVNT	ax40	5755	ANT1	35.036	0.5	Pass
NVNT	ax40	5795	ANT0	35.059	0.5	Pass
NVNT	ax40	5795	ANT1	35.099	0.5	Pass
NVNT	ax80	5775	ANT0	72.845	0.5	Pass
NVNT	ax80	5775	ANT1	71.32	0.5	Pass
NVNT	n20	5745	ANT0	17.563	0.5	Pass
NVNT	n20	5785	ANT0	17.286	0.5	Pass
NVNT	n20	5825	ANT0	17.535	0.5	Pass
NVNT	n20	5745	ANT1	16.256	0.5	Pass
NVNT	n20	5785	ANT1	14.994	0.5	Pass
NVNT	n20	5825	ANT1	16.683	0.5	Pass
NVNT	n40	5755	ANT0	34.982	0.5	Pass
NVNT	n40	5795	ANT0	32.537	0.5	Pass
NVNT	n40	5755	ANT1	35.089	0.5	Pass

NVNT	n40	5795	ANT1	32.565	0.5	Pass
------	-----	------	------	--------	-----	------

Test Graphs

-6dB Bandwidth NVNT a 5745MHz ANT0



-6dB Bandwidth NVNT a 5785MHz ANT0

