

Test Data

Frequency Stability (worst case mode)

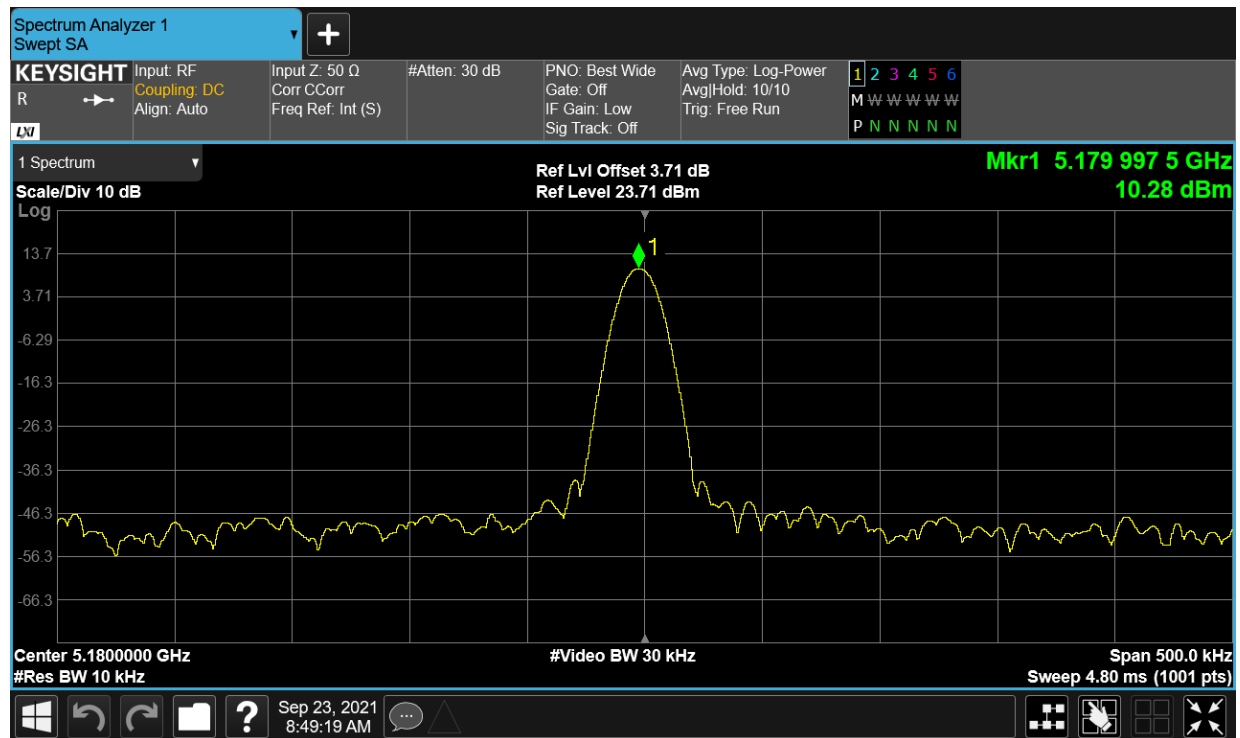
Condition	Mode	Frequency (MHz)	Antenna	Measured Frequency (MHz)	Deviation (ppm)	Limit (ppm)	Verdict
HVHT	a	5180	ANT1	5179.9975	-0.48	25	Pass
HVHT	a	5180	ANT2	5179.9945	-1.06	25	Pass
HVLT	a	5180	ANT1	5179.998	-0.39	25	Pass
HVLT	a	5180	ANT2	5179.995	-0.97	25	Pass
LVHT	a	5180	ANT1	5179.998	-0.39	25	Pass
LVHT	a	5180	ANT2	5179.995	-0.97	25	Pass
LVLT	a	5180	ANT1	5179.998	-0.39	25	Pass
LVLT	a	5180	ANT2	5179.995	-0.97	25	Pass
NVNT	a	5180	ANT1	5179.998	-0.39	25	Pass
NVNT	a	5180	ANT2	5179.9955	-0.87	25	Pass
HVHT	ac20	5180	MIMO	5179.9885	-2.22	25	Pass
HVLT	ac20	5180	MIMO	5179.9885	-2.22	25	Pass
LVHT	ac20	5180	MIMO	5179.9885	-2.22	25	Pass
LVLT	ac20	5180	MIMO	5179.989	-2.12	25	Pass
NVNT	ac20	5180	MIMO	5179.989	-2.12	25	Pass
HVHT	ac40	5190	MIMO	5189.9875	-2.41	25	Pass
HVLT	ac40	5190	MIMO	5189.988	-2.31	25	Pass
LVHT	ac40	5190	MIMO	5189.9885	-2.22	25	Pass
LVLT	ac40	5190	MIMO	5189.9915	-1.64	25	Pass
NVNT	ac40	5190	MIMO	5189.988	-2.31	25	Pass
HVHT	ac80	5210	MIMO	5209.994	-1.15	25	Pass
HVLT	ac80	5210	MIMO	5209.987	-2.5	25	Pass
LVHT	ac80	5210	MIMO	5209.987	-2.5	25	Pass
LVLT	ac80	5210	MIMO	5209.9875	-2.4	25	Pass
NVNT	ac80	5210	MIMO	5209.9895	-2.02	25	Pass
HVHT	ax20	5180	MIMO	5179.991	-1.74	25	Pass
HVLT	ax20	5180	MIMO	5179.9915	-1.64	25	Pass
LVHT	ax20	5180	MIMO	5179.992	-1.54	25	Pass
LVLT	ax20	5180	MIMO	5179.9925	-1.45	25	Pass
NVNT	ax20	5180	MIMO	5179.9935	-1.25	25	Pass
HVHT	ax40	5190	MIMO	5189.9905	-1.83	25	Pass
HVLT	ax40	5190	MIMO	5189.9905	-1.83	25	Pass
LVHT	ax40	5190	MIMO	5189.9905	-1.83	25	Pass
LVLT	ax40	5190	MIMO	5189.9905	-1.83	25	Pass

NVNT	ax40	5190	MIMO	5189.991	-1.73	25	Pass
HVHT	ax80	5210	MIMO	5209.99	-1.92	25	Pass
HVLT	ax80	5210	MIMO	5209.99	-1.92	25	Pass
LVHT	ax80	5210	MIMO	5209.99	-1.92	25	Pass
LVLT	ax80	5210	MIMO	5209.9905	-1.82	25	Pass
NVNT	ax80	5210	MIMO	5209.9905	-1.82	25	Pass
HVHT	n20	5180	MIMO	5179.9905	-1.83	25	Pass
HVLT	n20	5180	MIMO	5179.9905	-1.83	25	Pass
LVHT	n20	5180	MIMO	5179.9905	-1.83	25	Pass
LVLT	n20	5180	MIMO	5179.9905	-1.83	25	Pass
NVNT	n20	5180	MIMO	5179.9905	-1.83	25	Pass
HVHT	n40	5190	MIMO	5189.9875	-2.41	25	Pass
HVLT	n40	5190	MIMO	5189.9875	-2.41	25	Pass
LVHT	n40	5190	MIMO	5189.988	-2.31	25	Pass
LVLT	n40	5190	MIMO	5189.988	-2.31	25	Pass
NVNT	n40	5190	MIMO	5189.988	-2.31	25	Pass

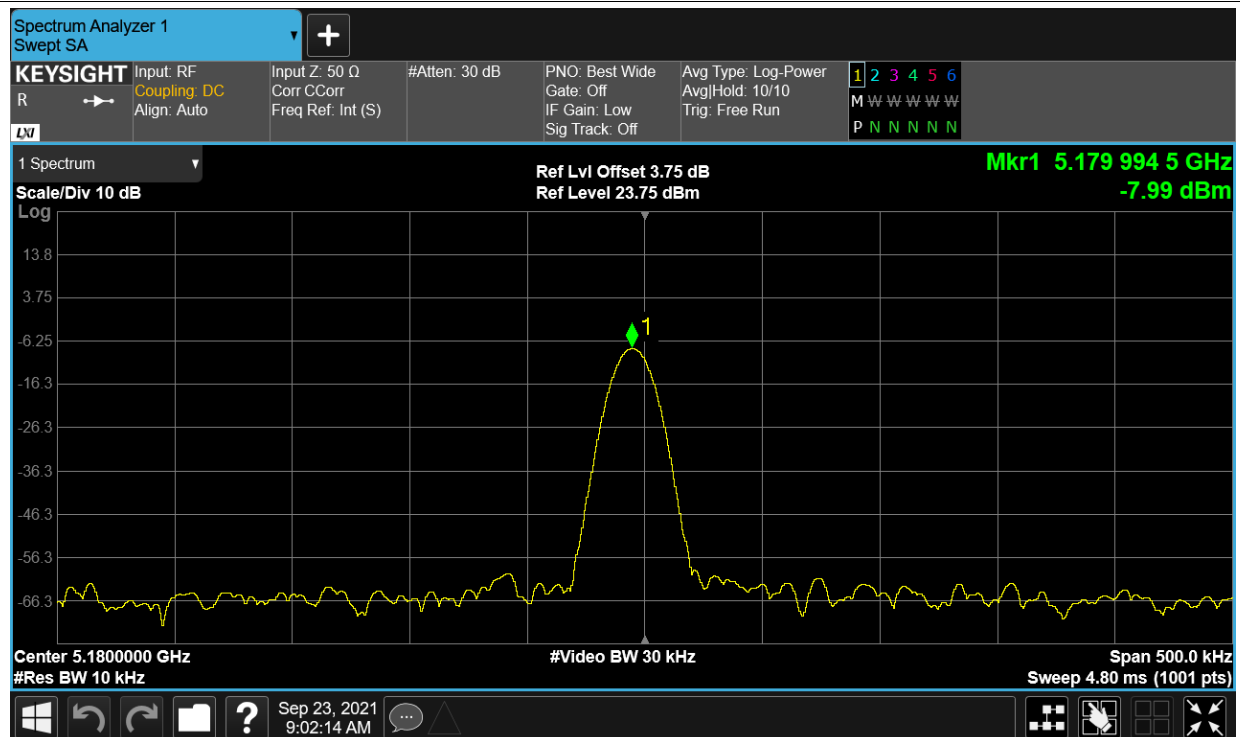
Remark: "NTNV" means Normal Temperature Normal Voltage, "LTLV" means Low Temperature Low Voltage, "LTHV" means Low Temperature High Voltage, "HTLV" means High Temperature Low Voltage, "HTHV" means High Temperature High Voltage.

Test Graphs

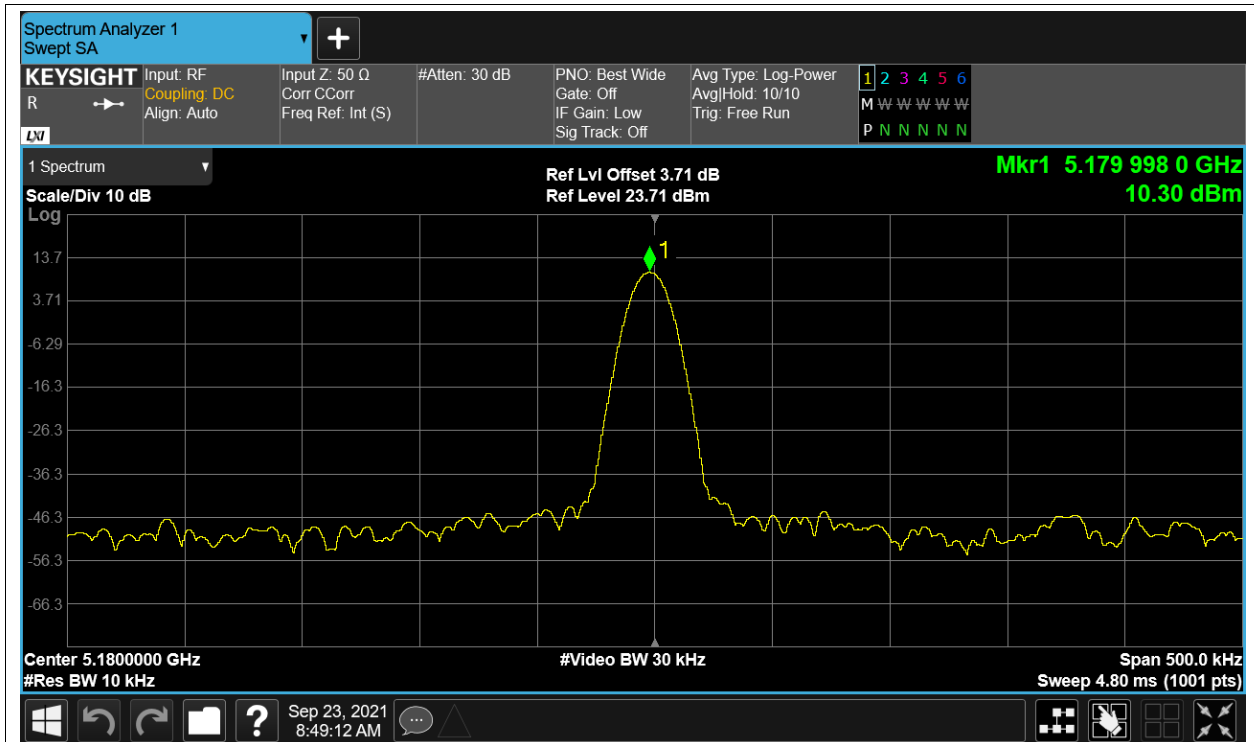
Freq. Stability HVHT a 5180MHz ANT1



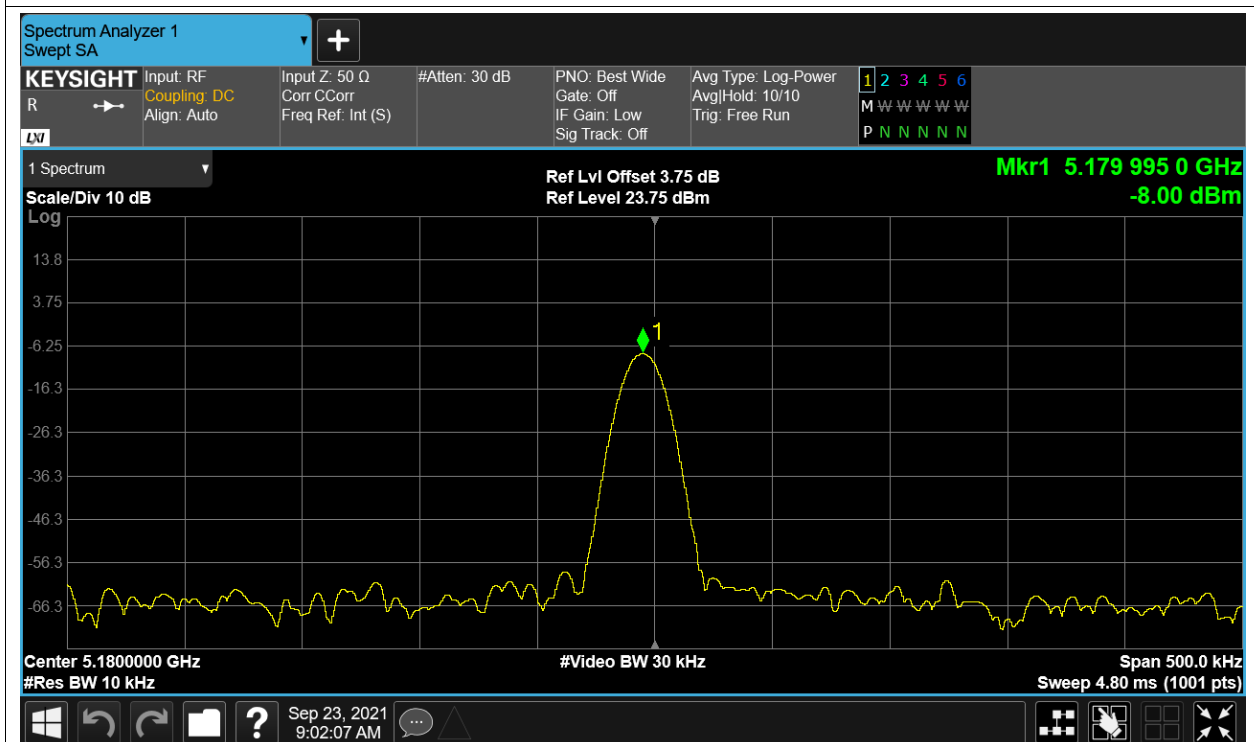
Freq. Stability HVHT a 5180MHz ANT2



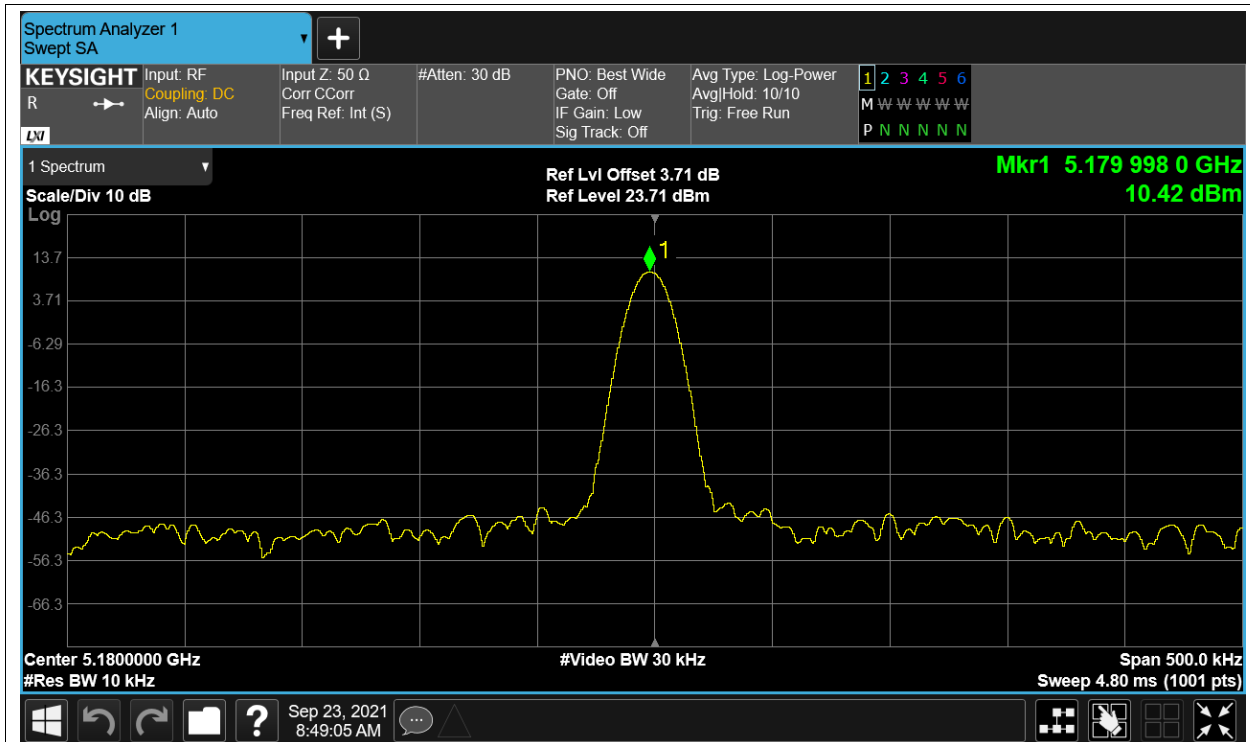
Freq. Stability HVLT a 5180MHz ANT1



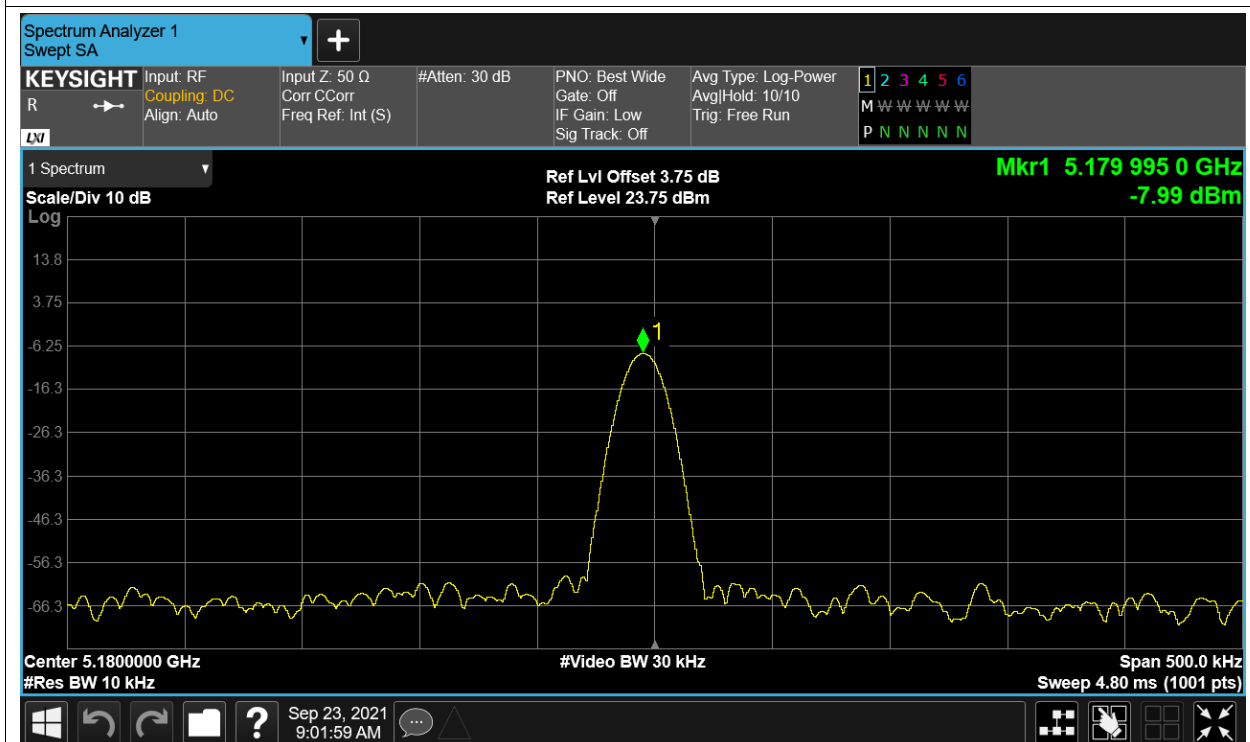
Freq. Stability HVLT a 5180MHz ANT2



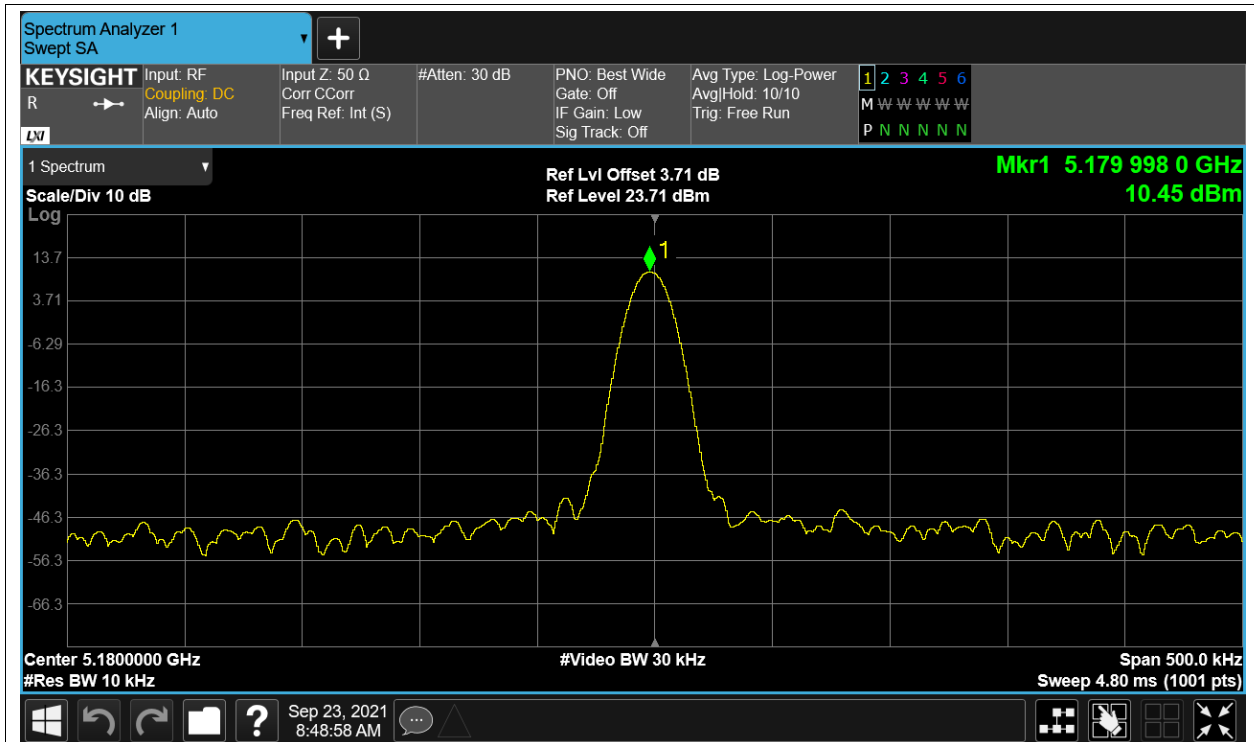
Freq. Stability LVHT a 5180MHz ANT1



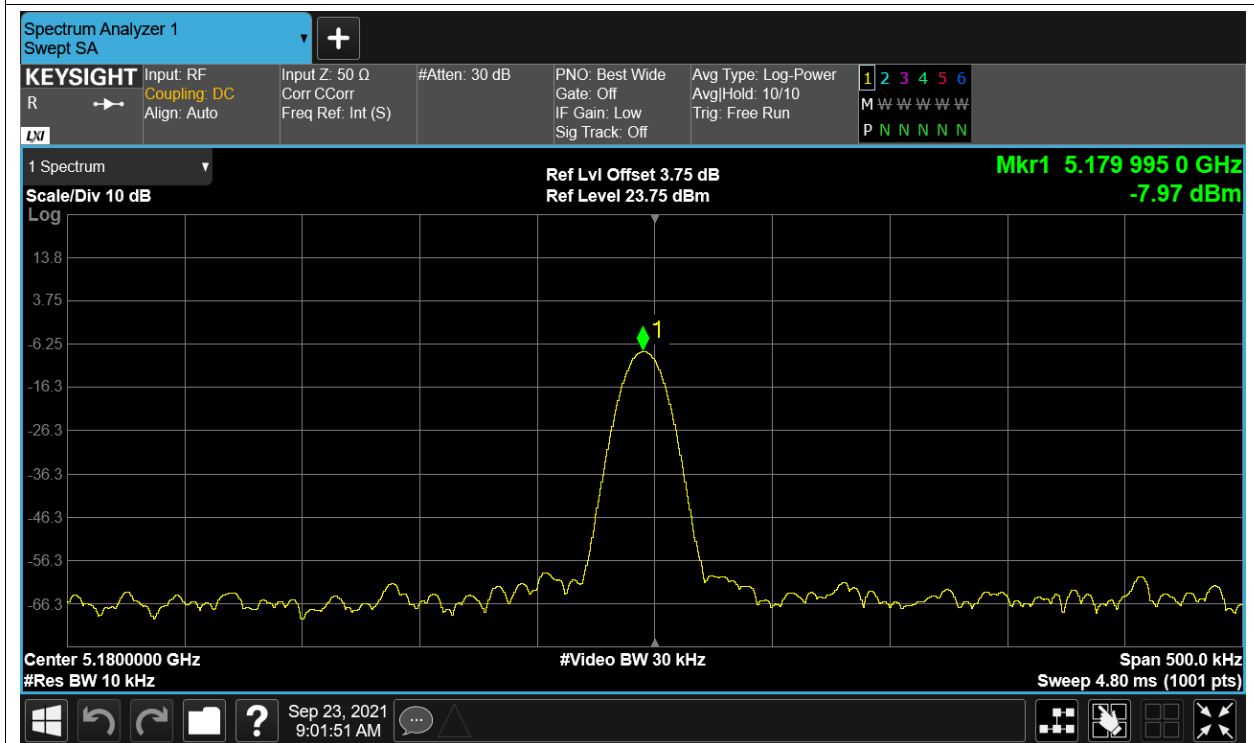
Freq. Stability LVHT a 5180MHz ANT2



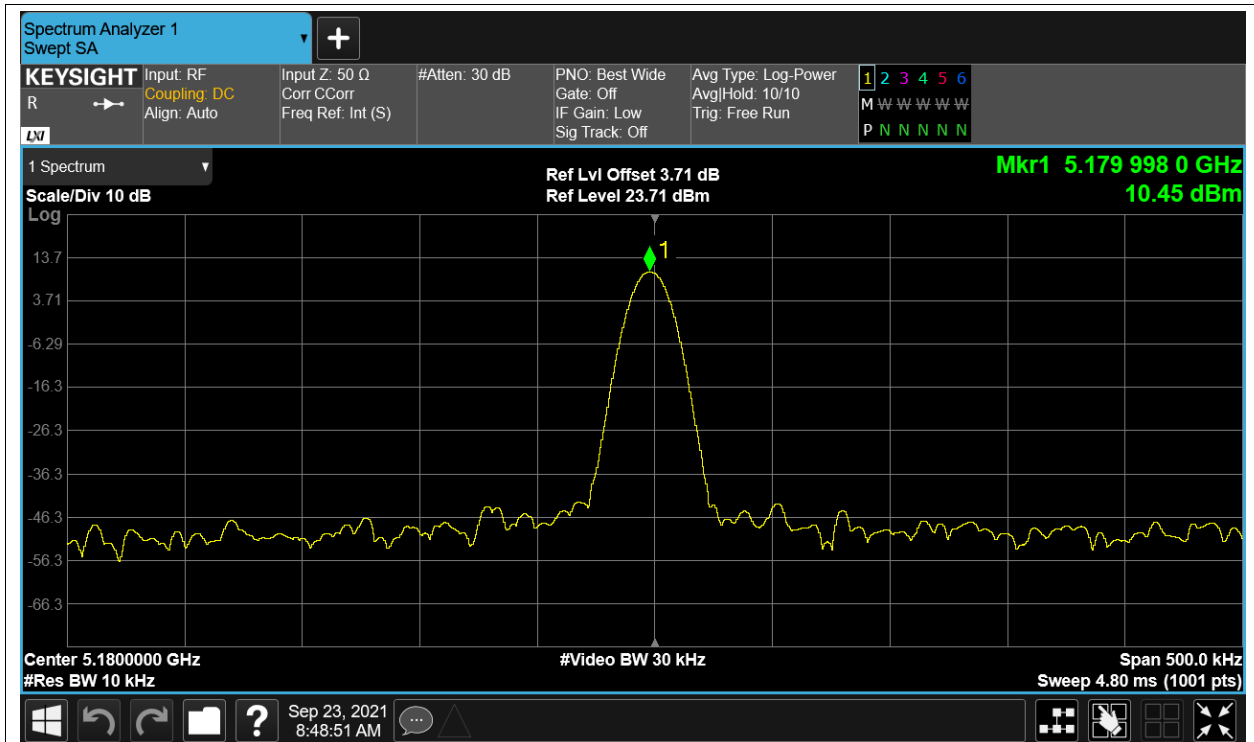
Freq. Stability LVLT a 5180MHz ANT1



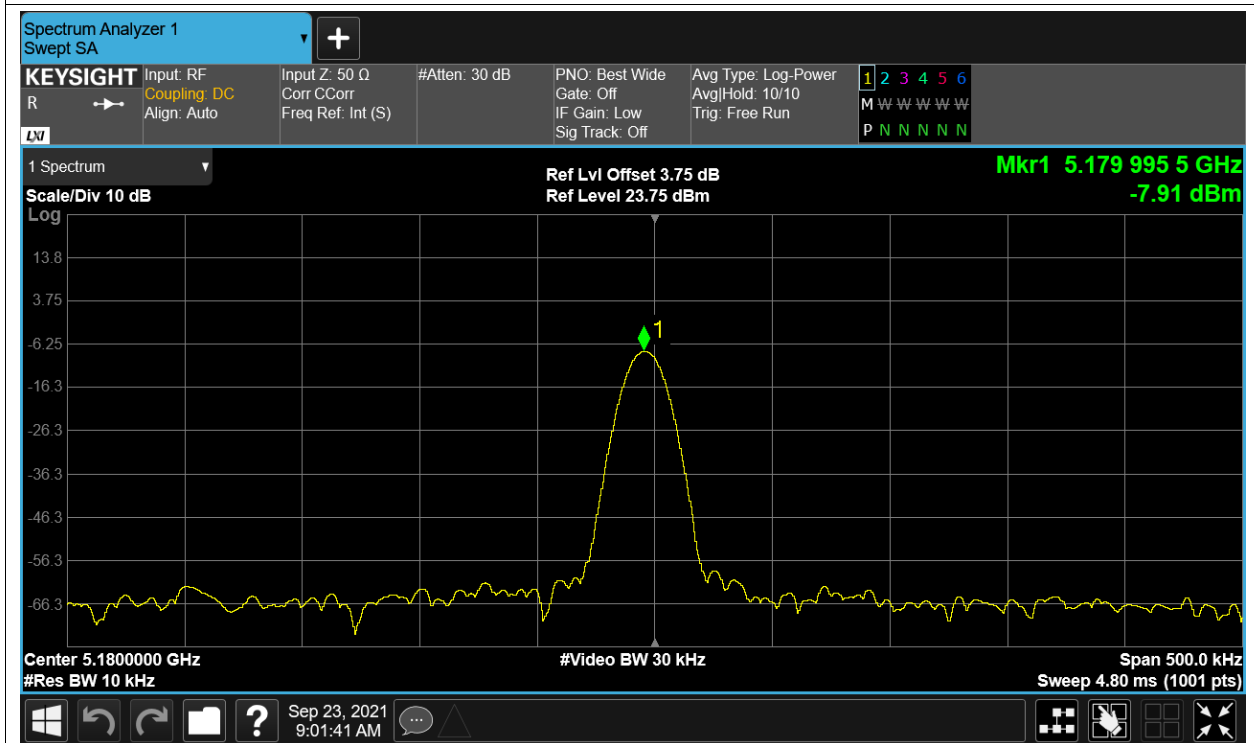
Freq. Stability LVLT a 5180MHz ANT2



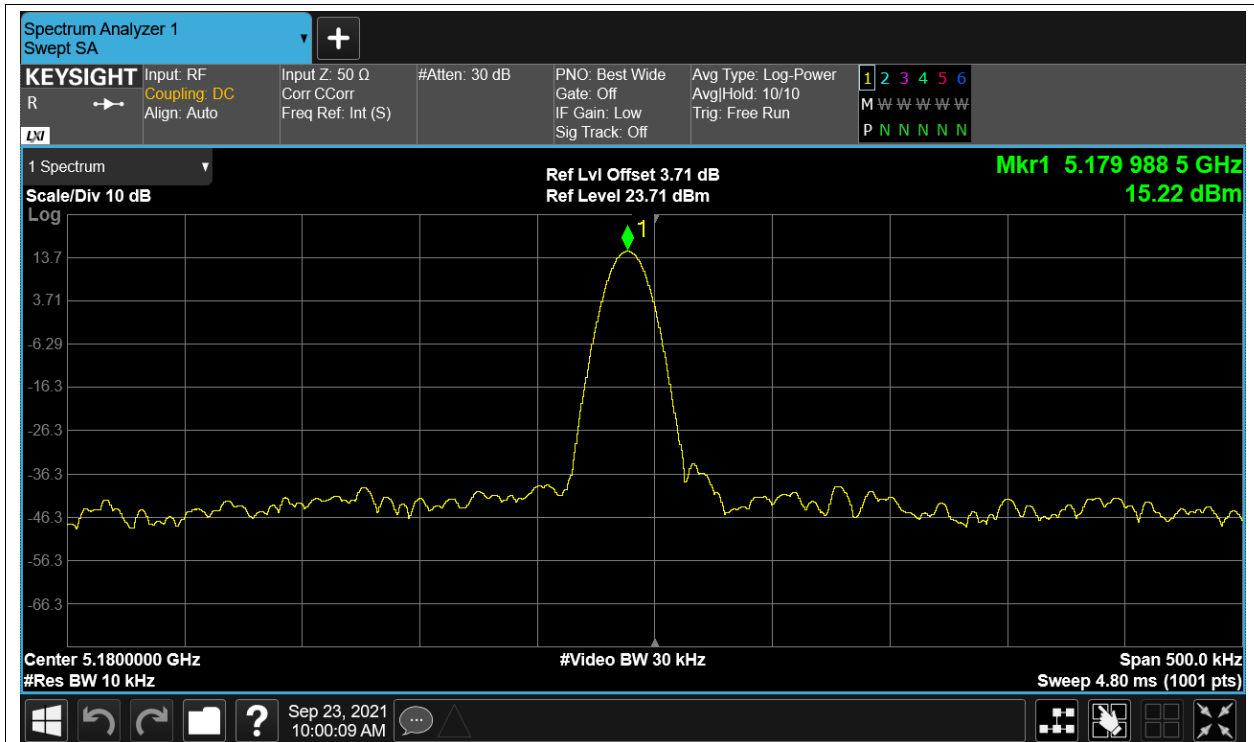
Freq. Stability NVNT a 5180MHz ANT1



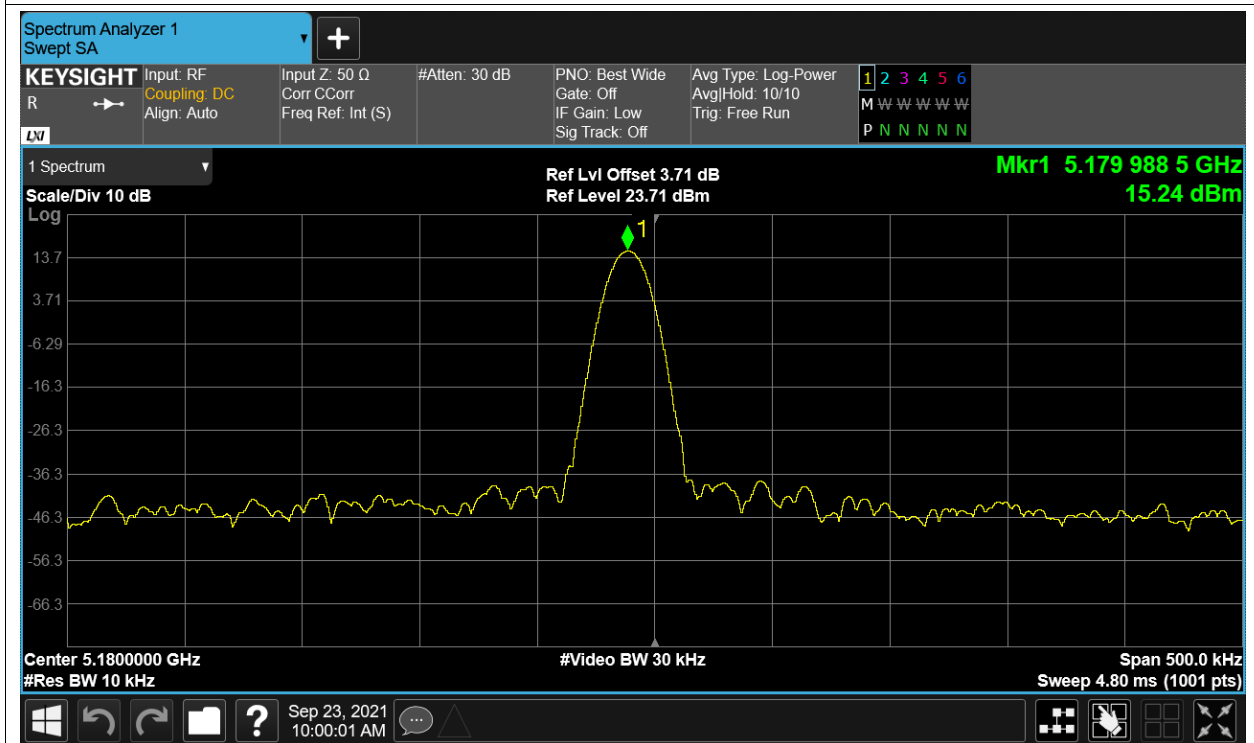
Freq. Stability NVNT a 5180MHz ANT2



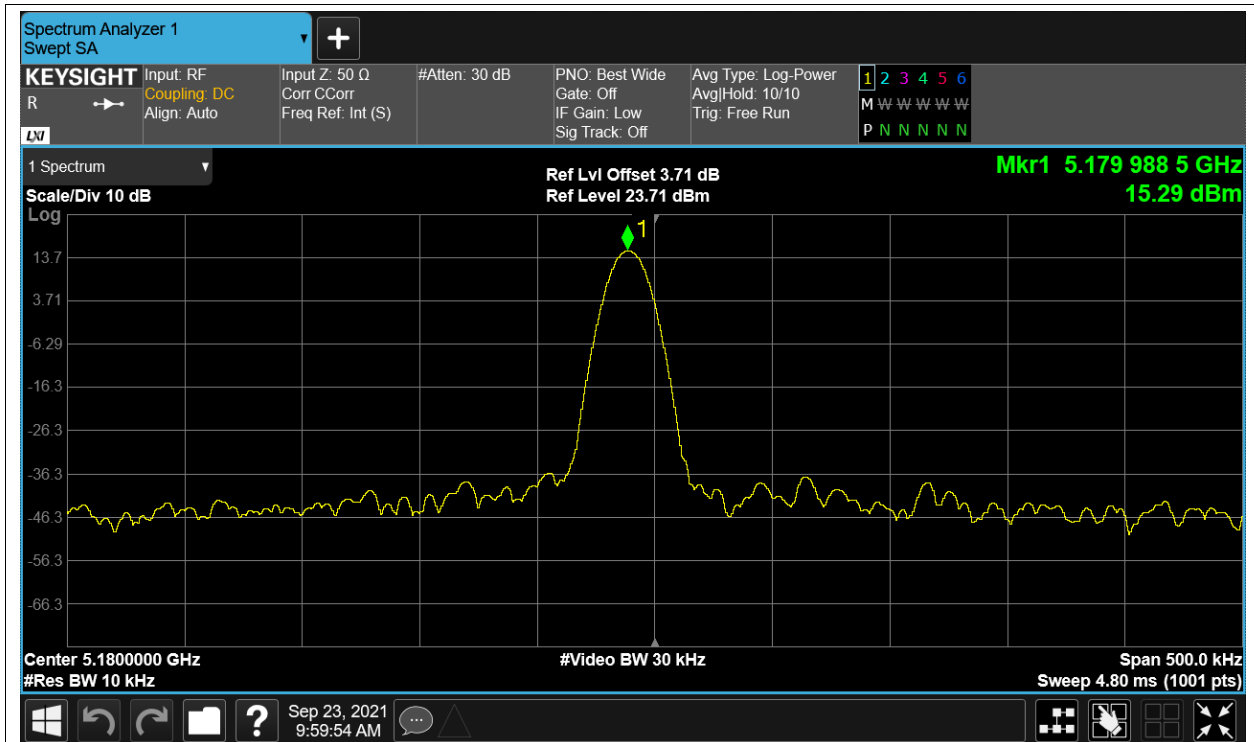
Freq. Stability HVHT ac20 5180MHz MIMO



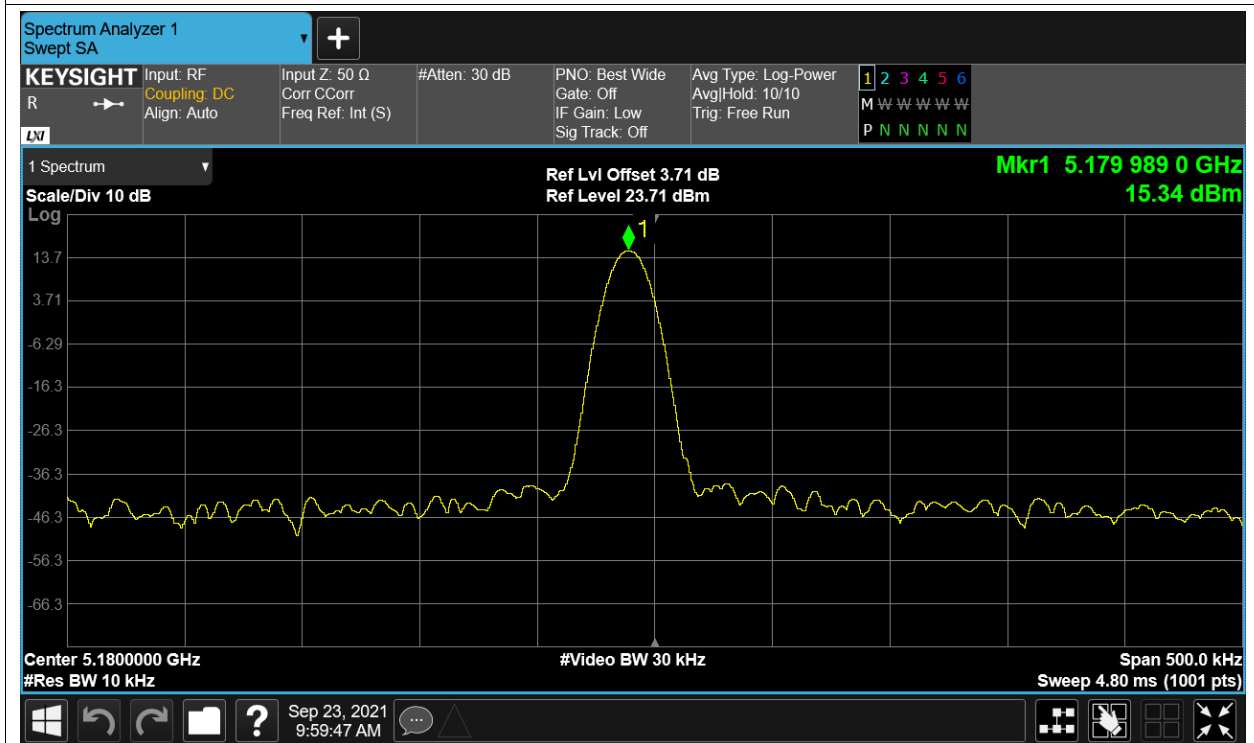
Freq. Stability HVLT ac20 5180MHz MIMO



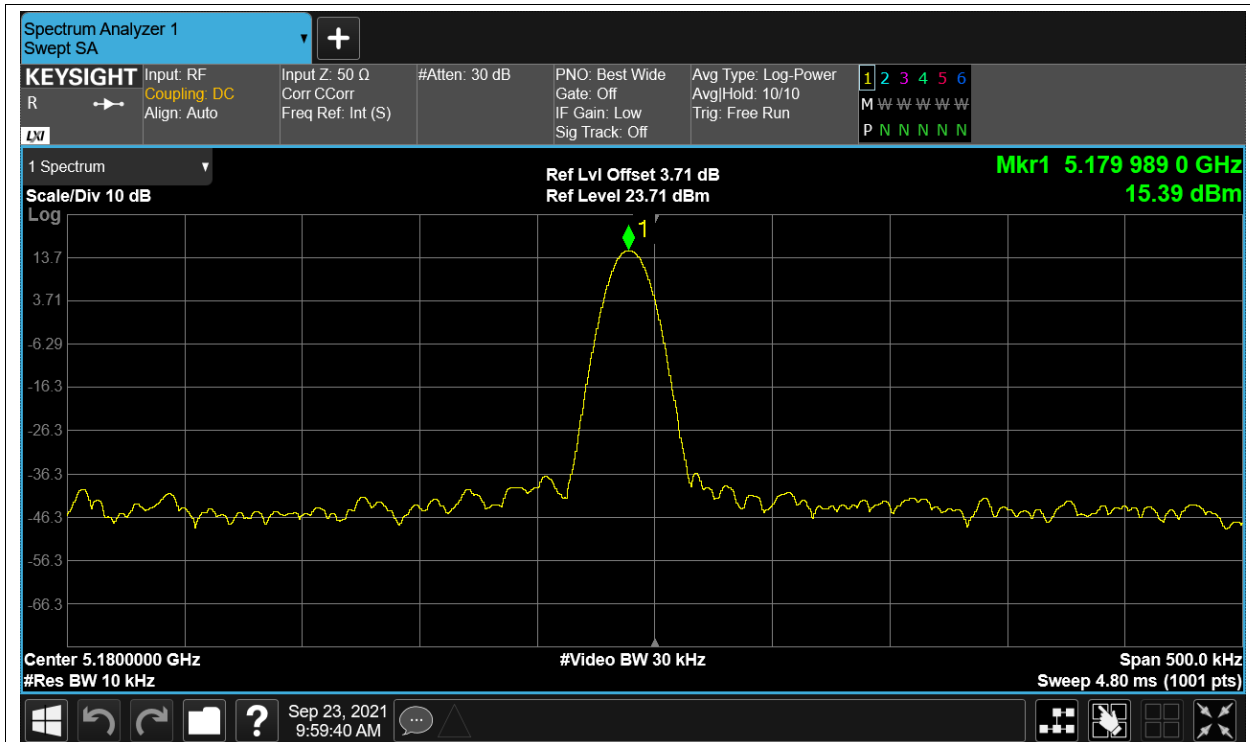
Freq. Stability LVHT ac20 5180MHz MIMO



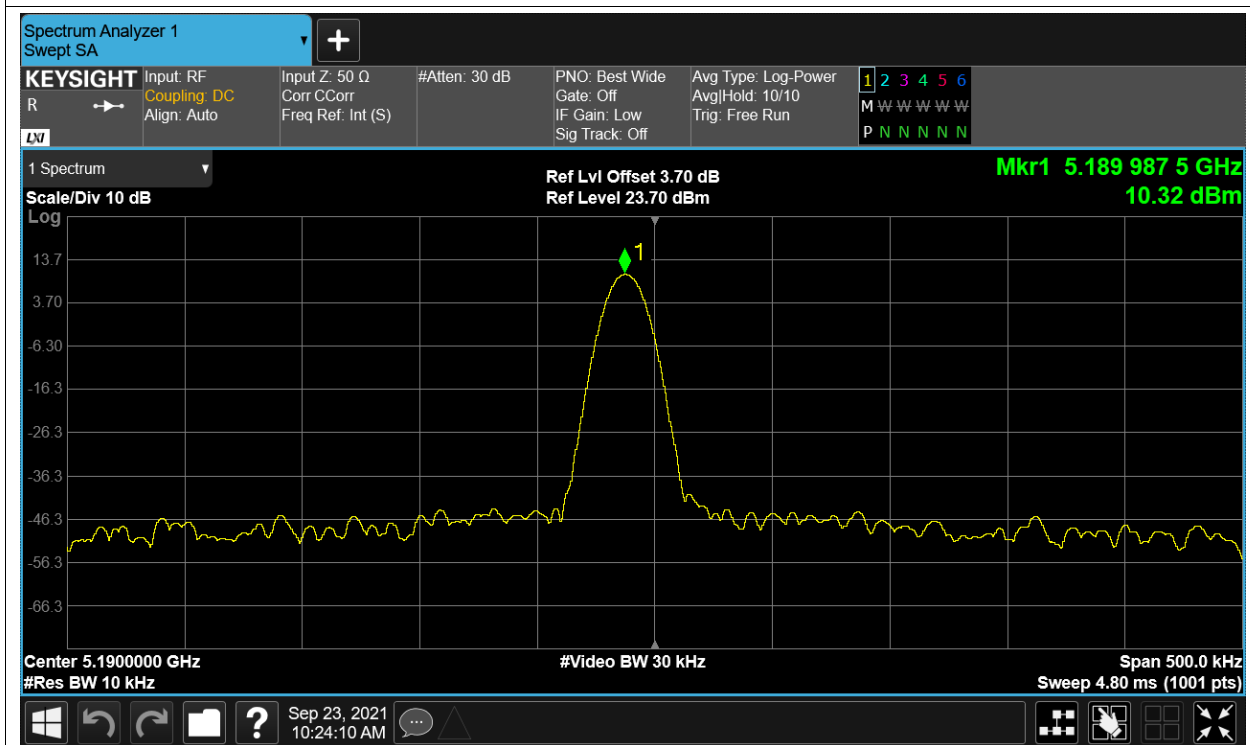
Freq. Stability LVLT ac20 5180MHz MIMO



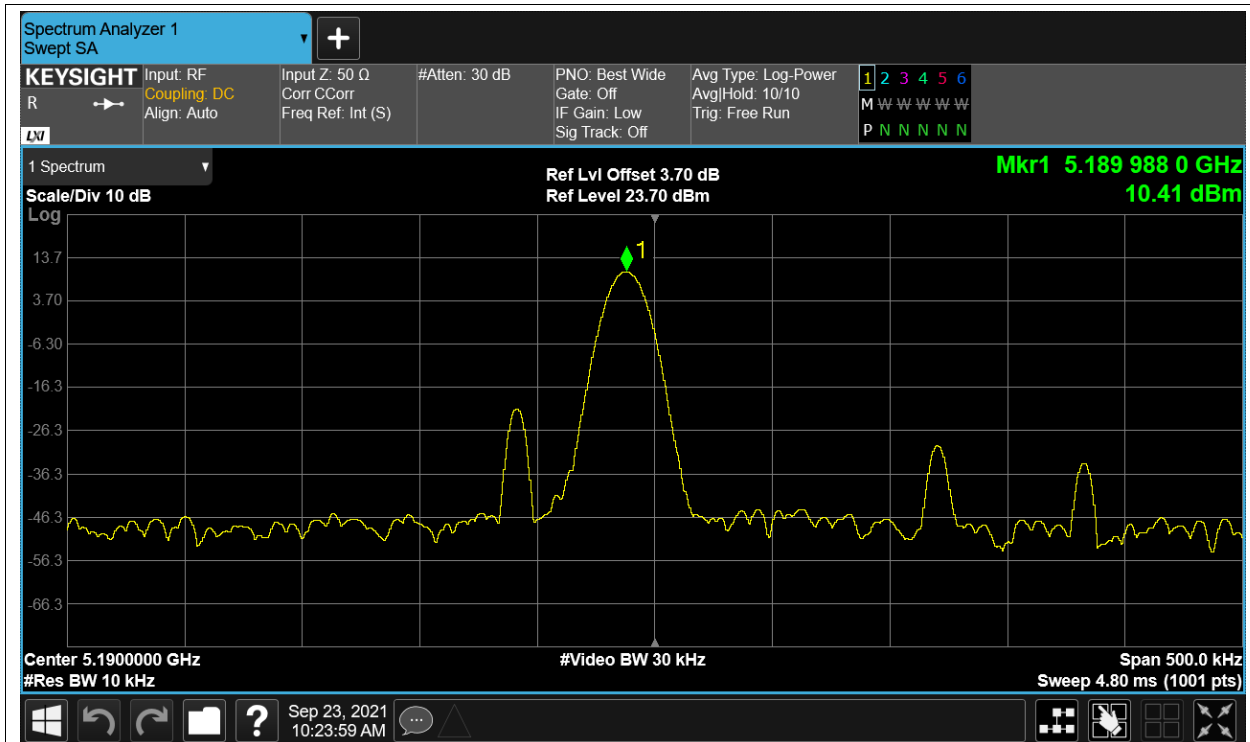
Freq. Stability NVNT ac20 5180MHz MIMO



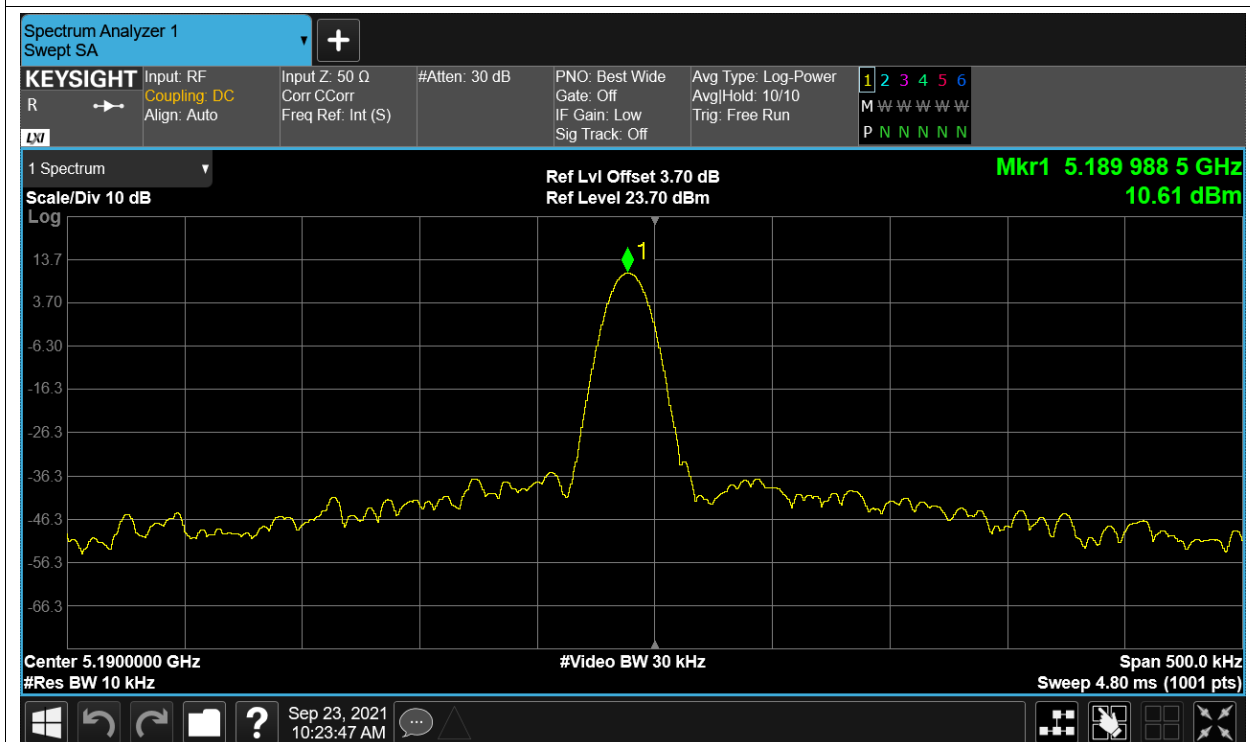
Freq. Stability HVHT ac40 5190MHz MIMO



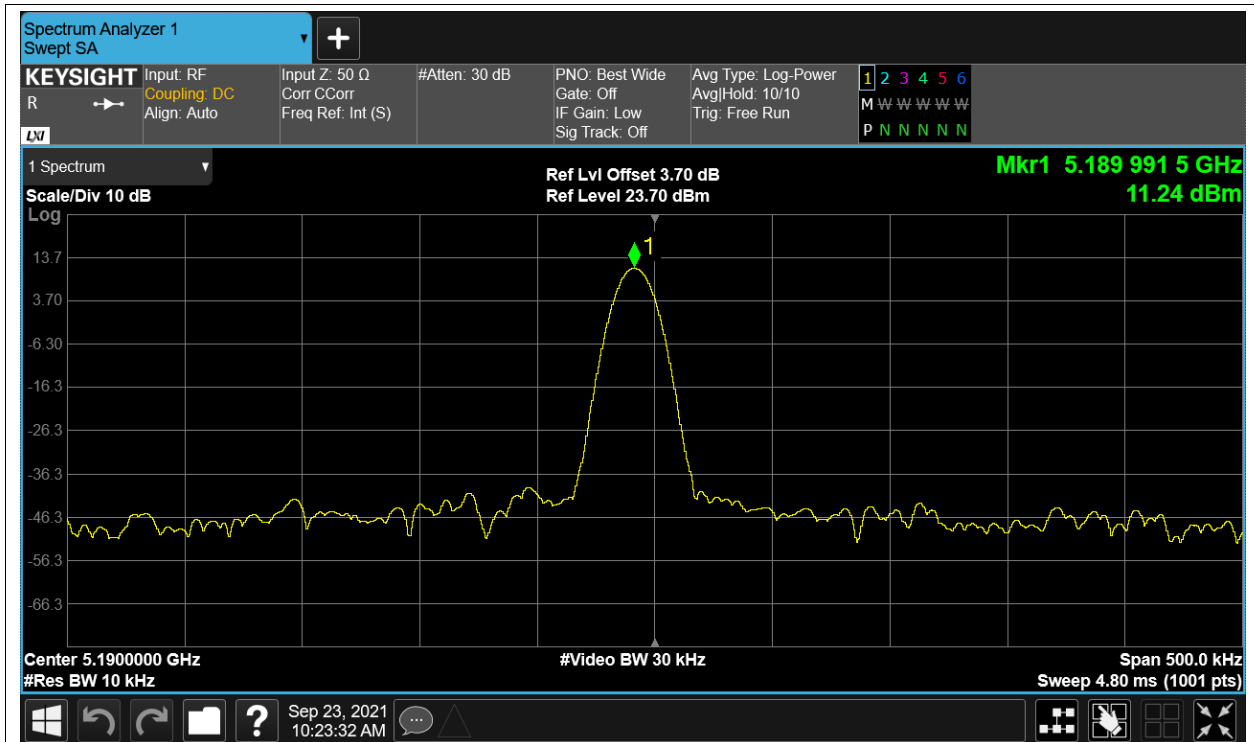
Freq. Stability HVLt ac40 5190MHz MIMO



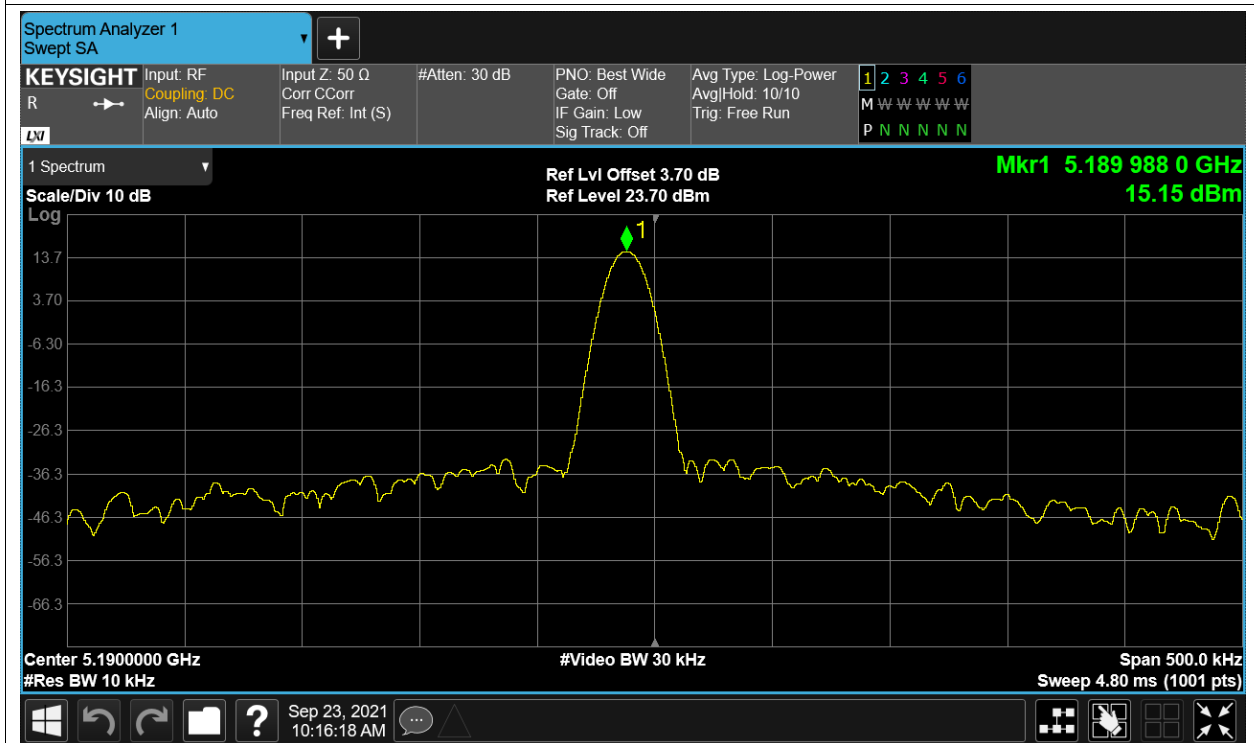
Freq. Stability LVHT ac40 5190MHz MIMO



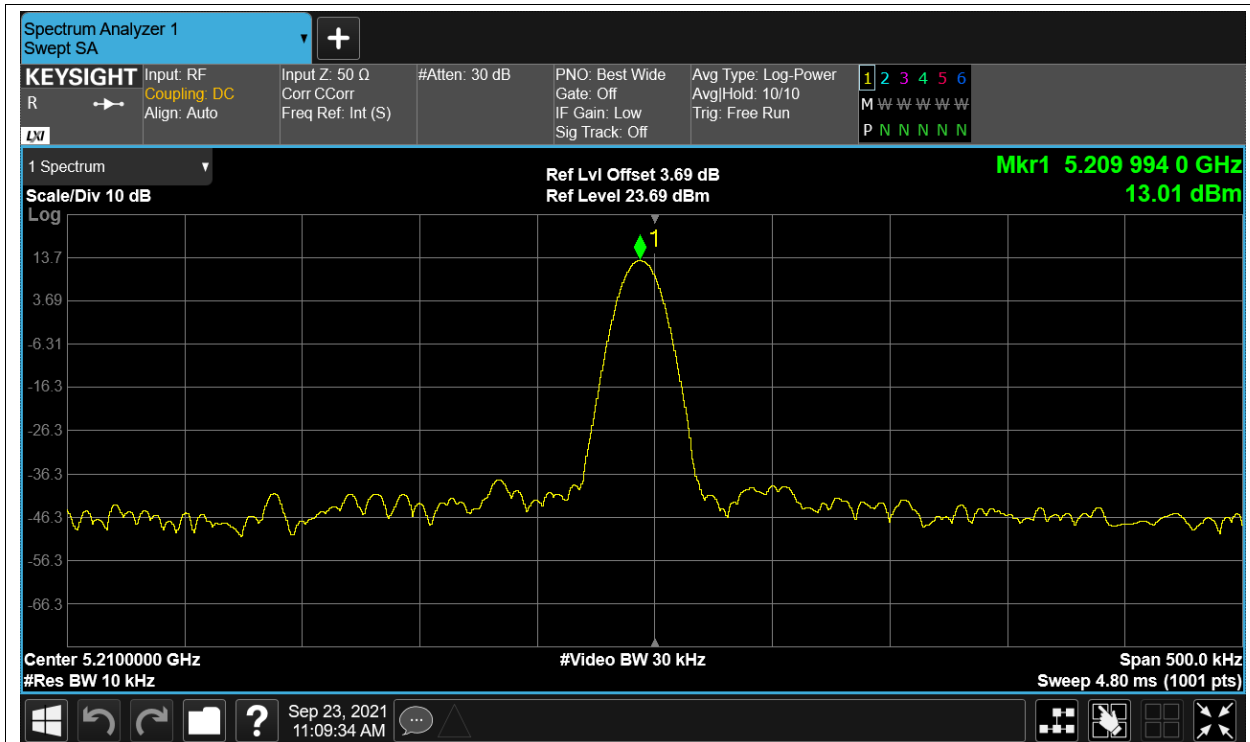
Freq. Stability LVLT ac40 5190MHz MIMO



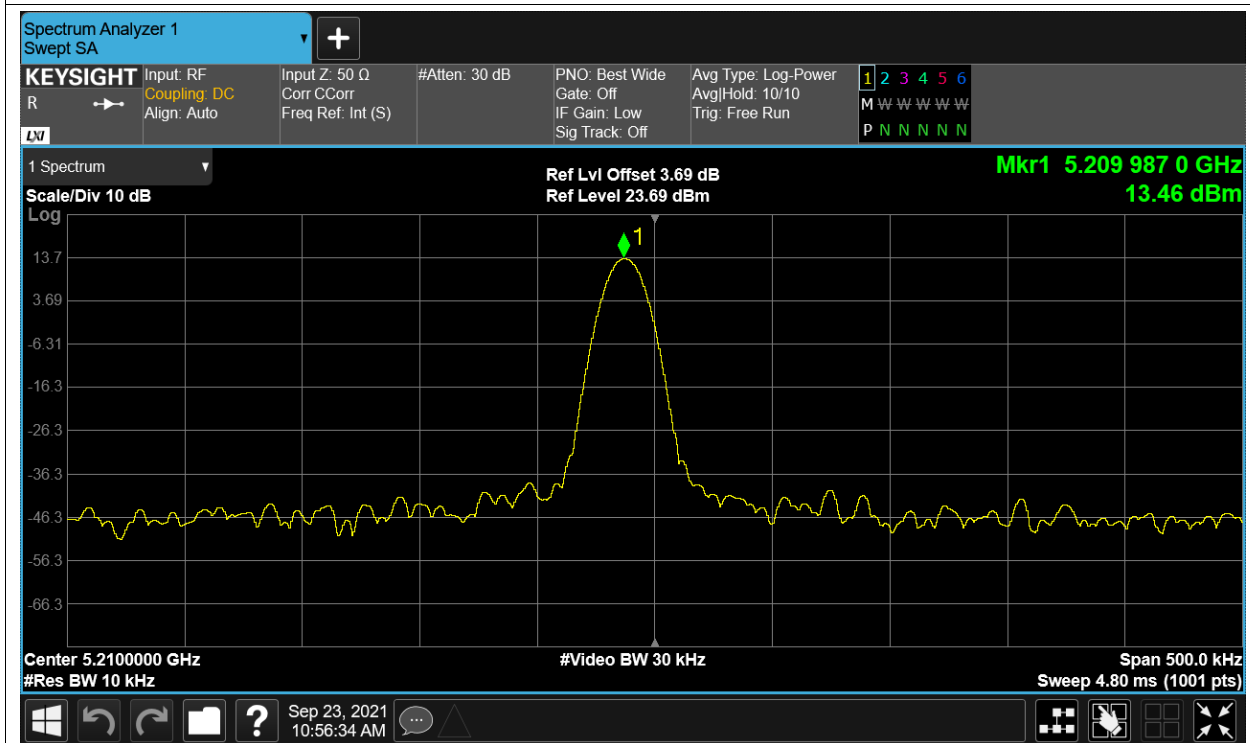
Freq. Stability NVNT ac40 5190MHz MIMO



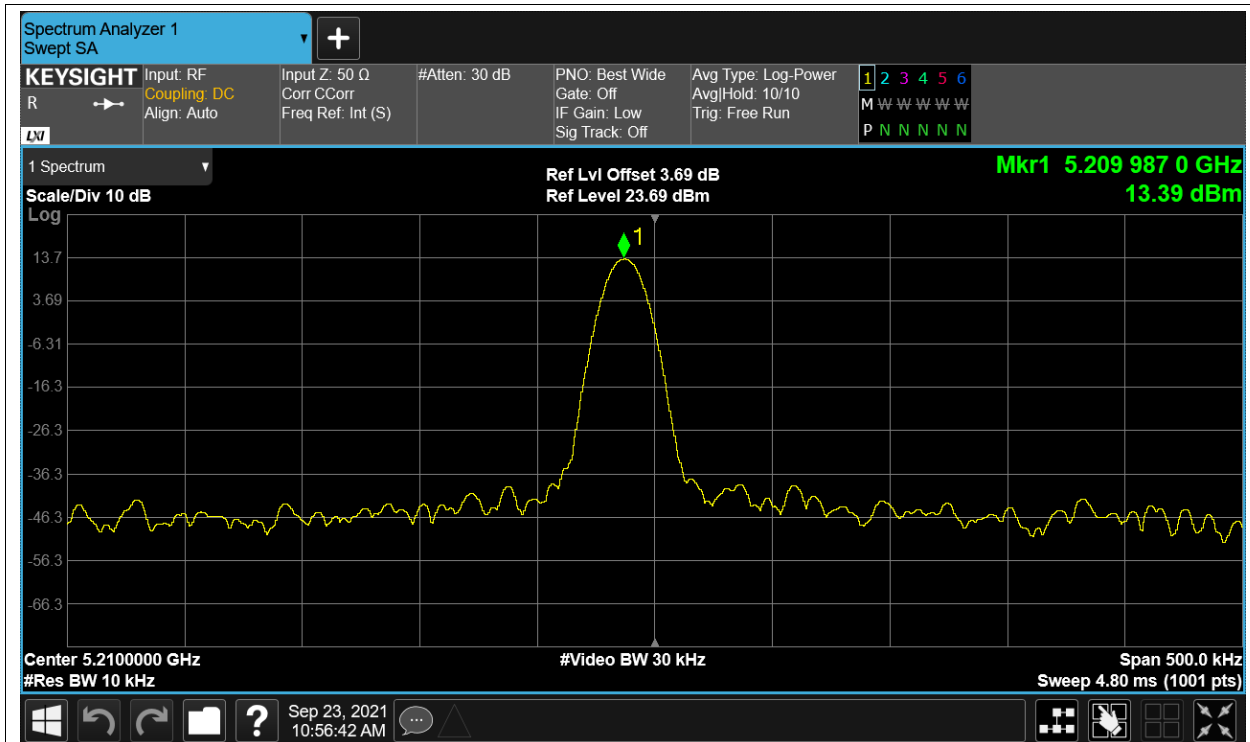
Freq. Stability HVHT ac80 5210MHz MIMO



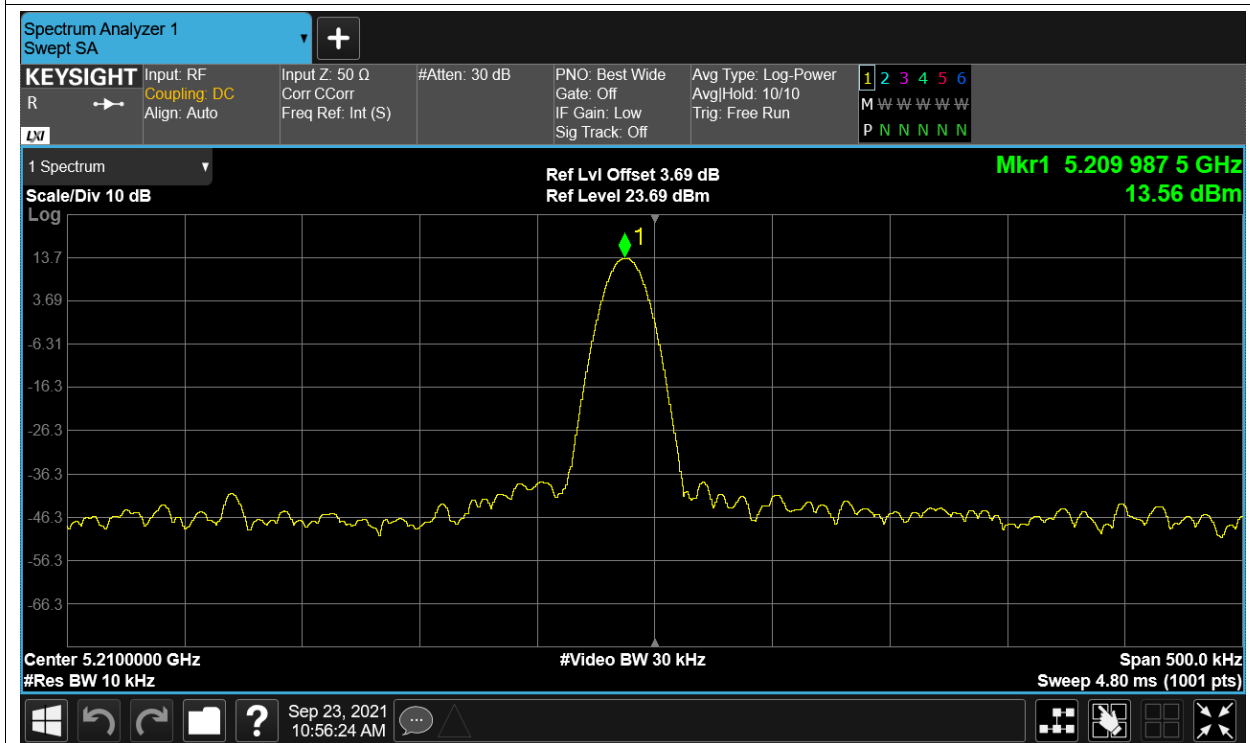
Freq. Stability HVLT ac80 5210MHz MIMO



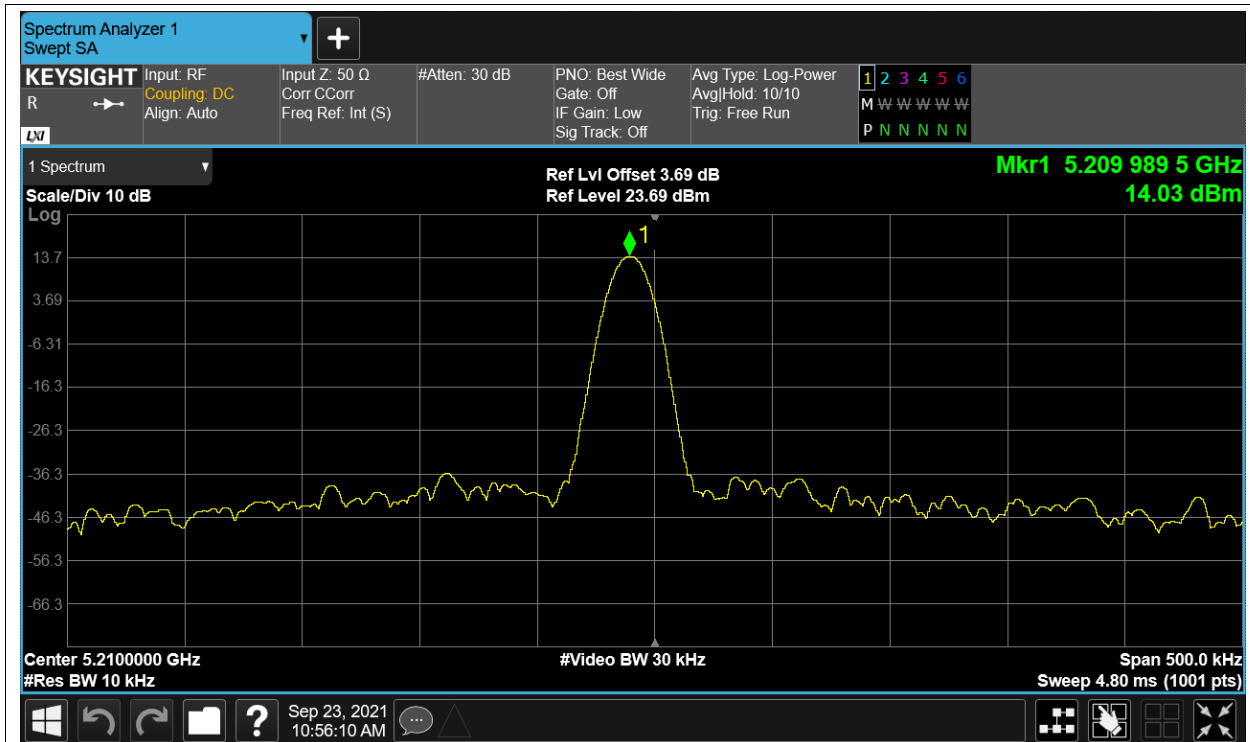
Freq. Stability LVHT ac80 5210MHz MIMO



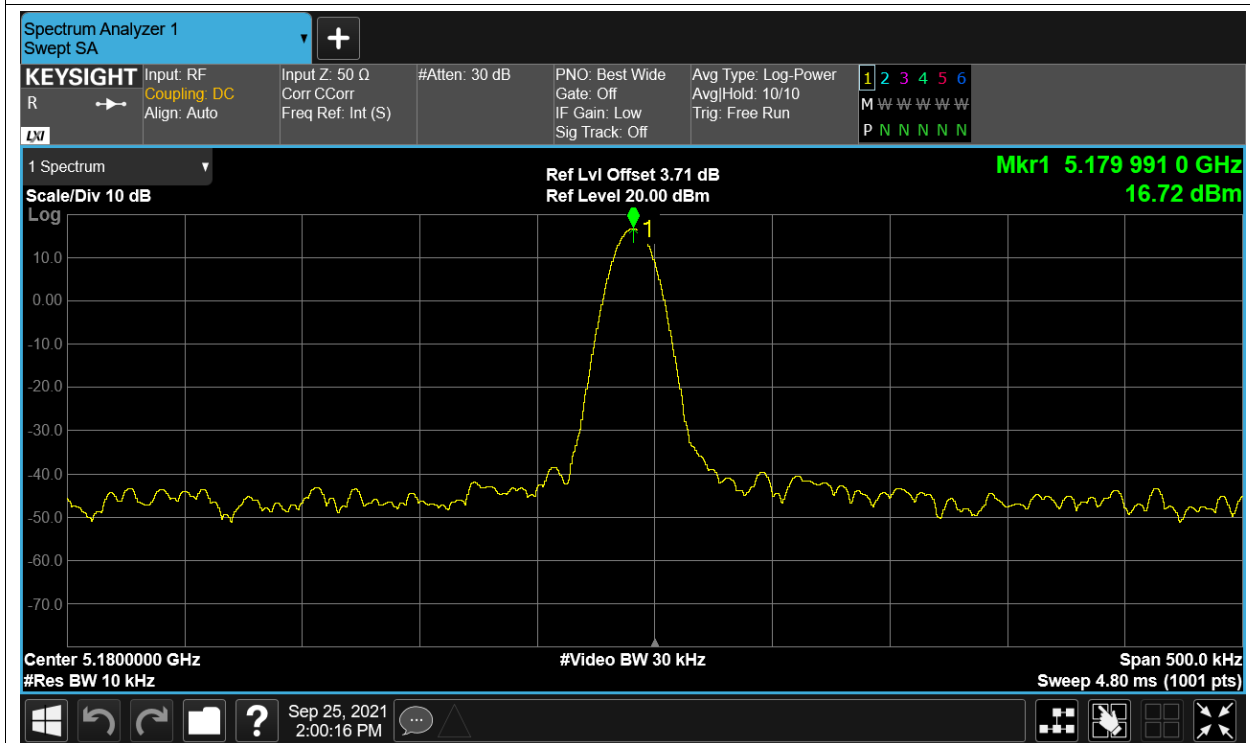
Freq. Stability LVLT ac80 5210MHz MIMO



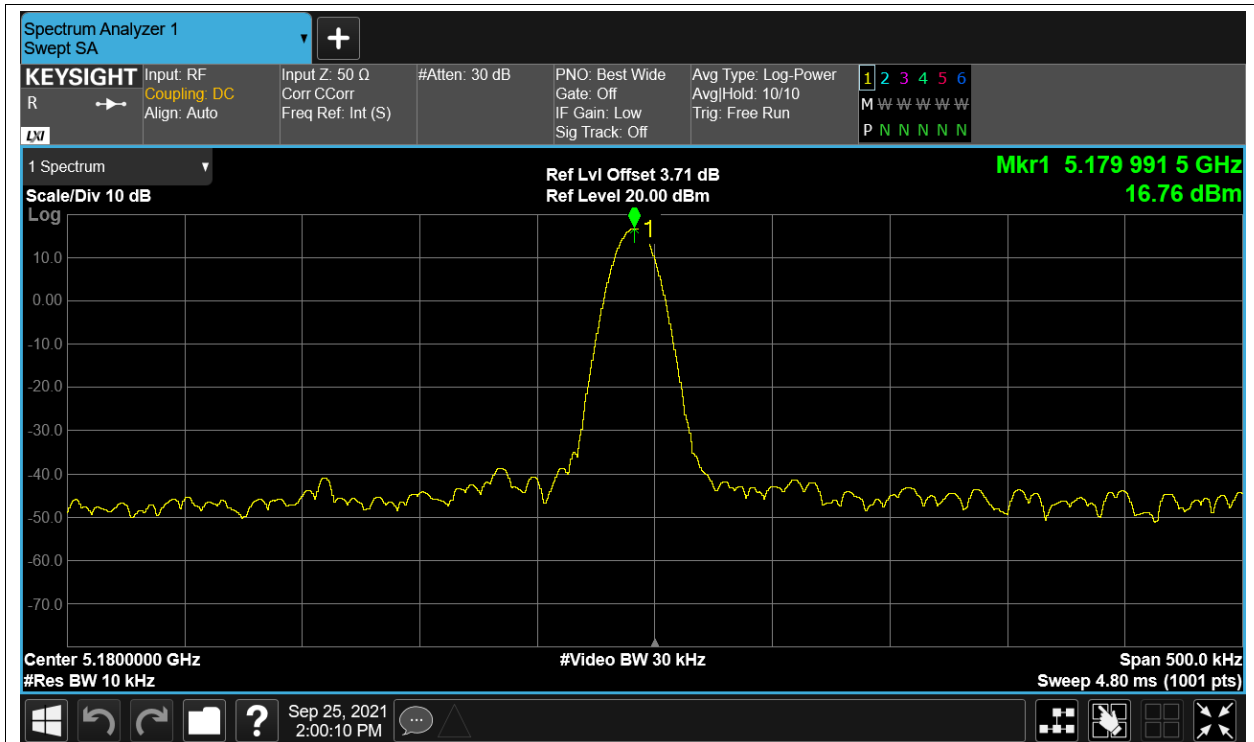
Freq. Stability NVNT ac80 5210MHz MIMO



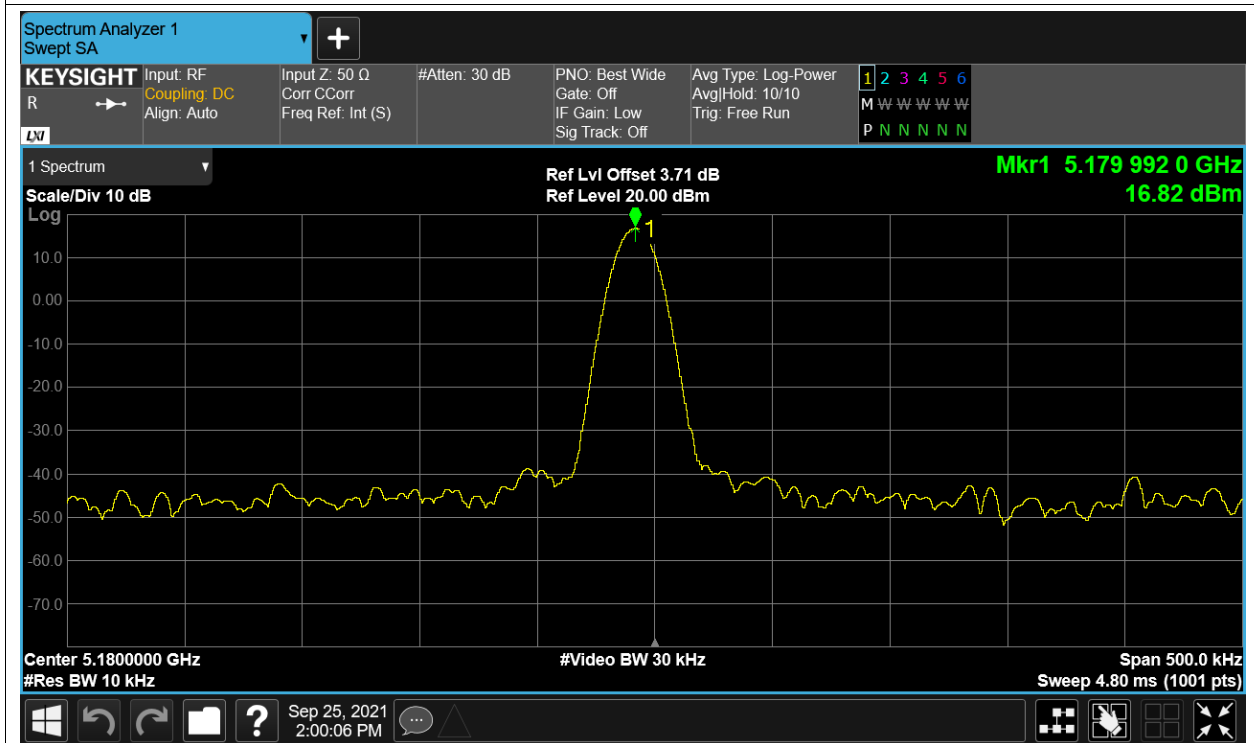
Freq. Stability HVHT ax20 5180MHz MIMO



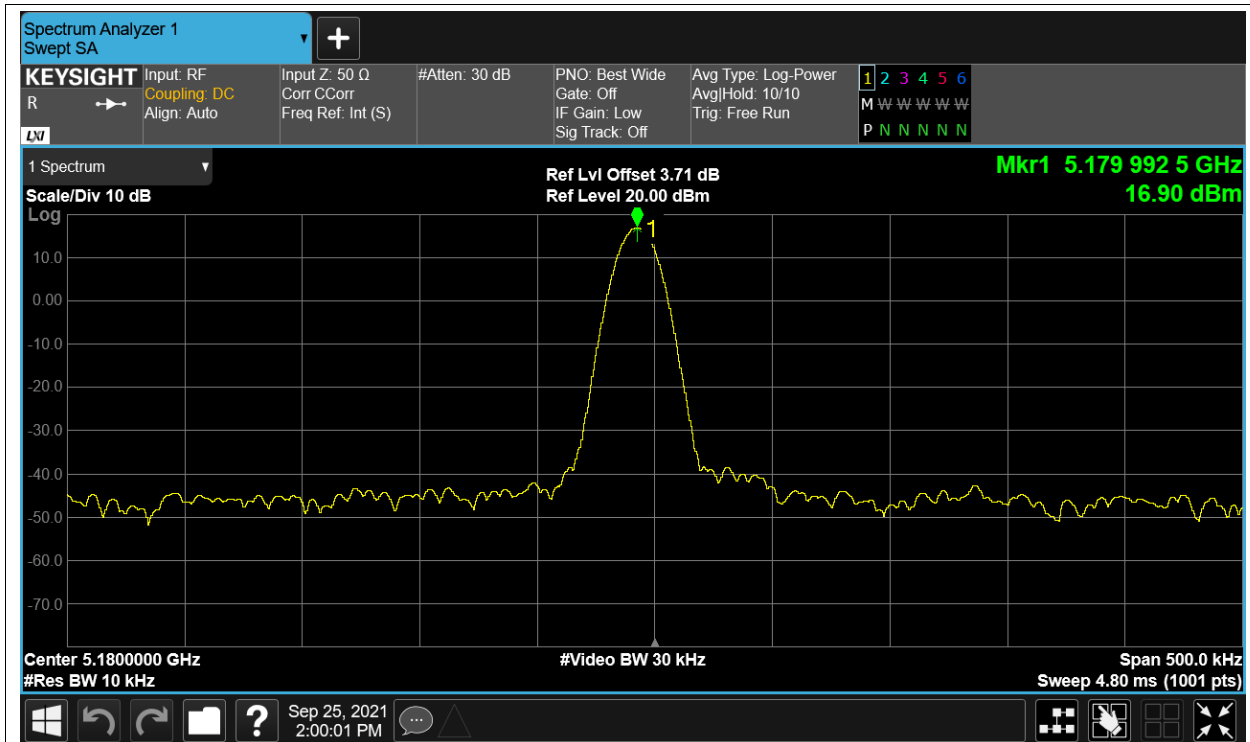
Freq. Stability HVLTL ax20 5180MHz MIMO



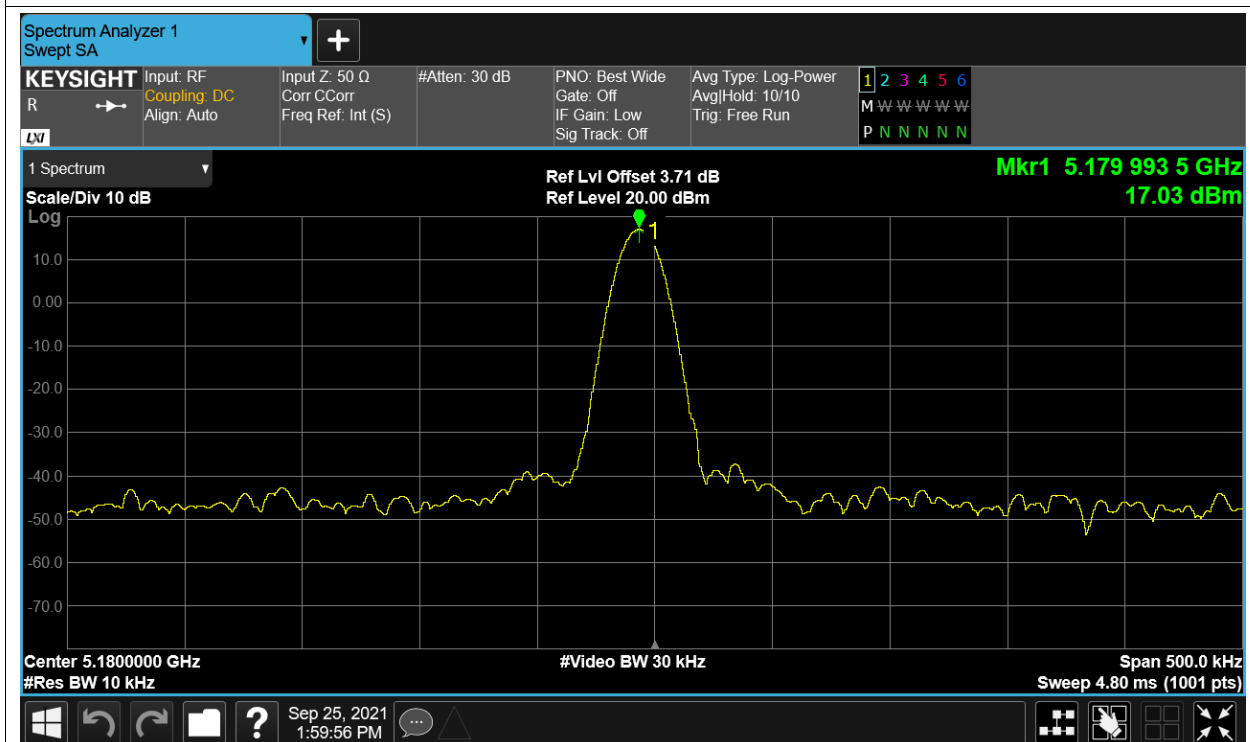
Freq. Stability LVHT ax20 5180MHz MIMO



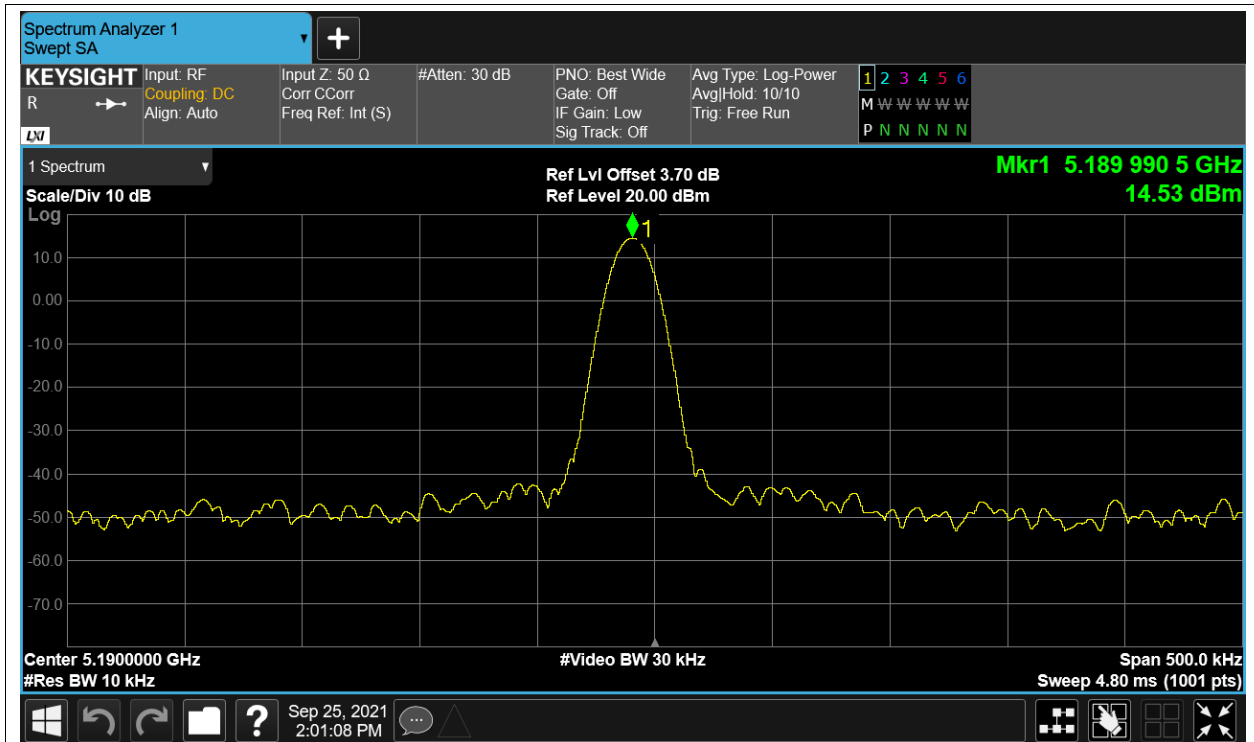
Freq. Stability LVLT ax20 5180MHz MIMO



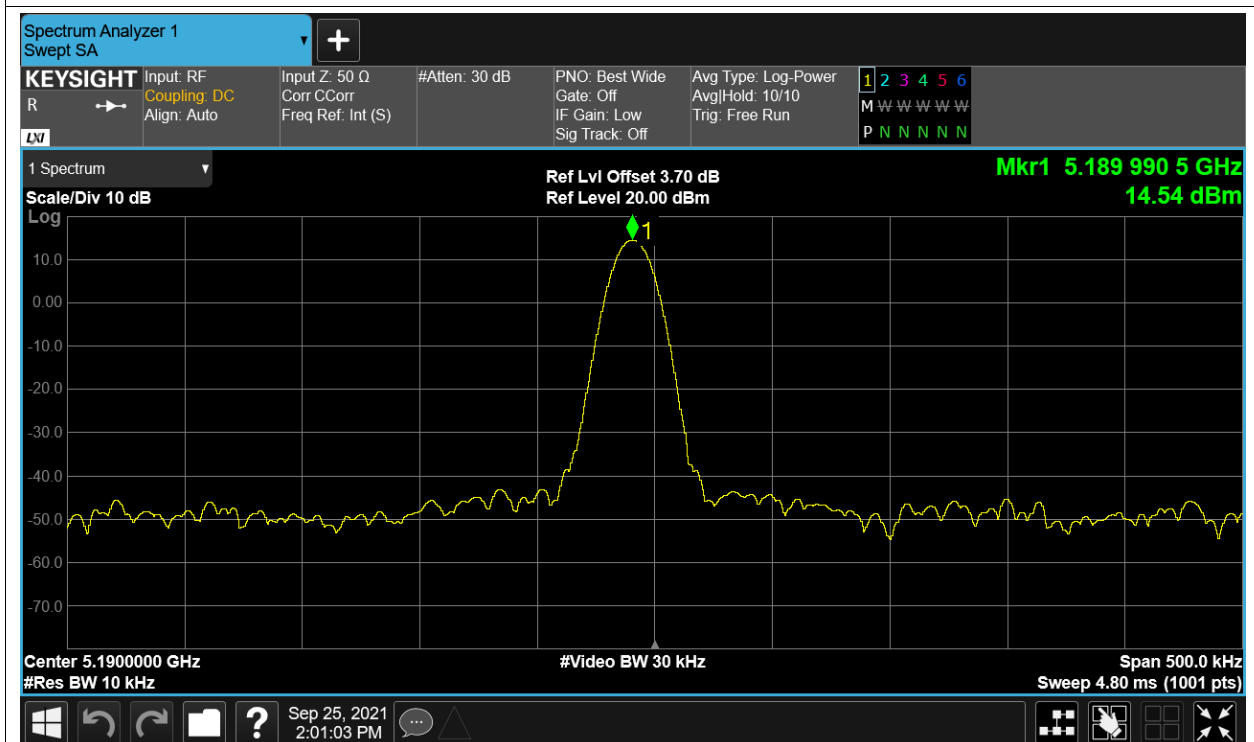
Freq. Stability NVNT ax20 5180MHz MIMO



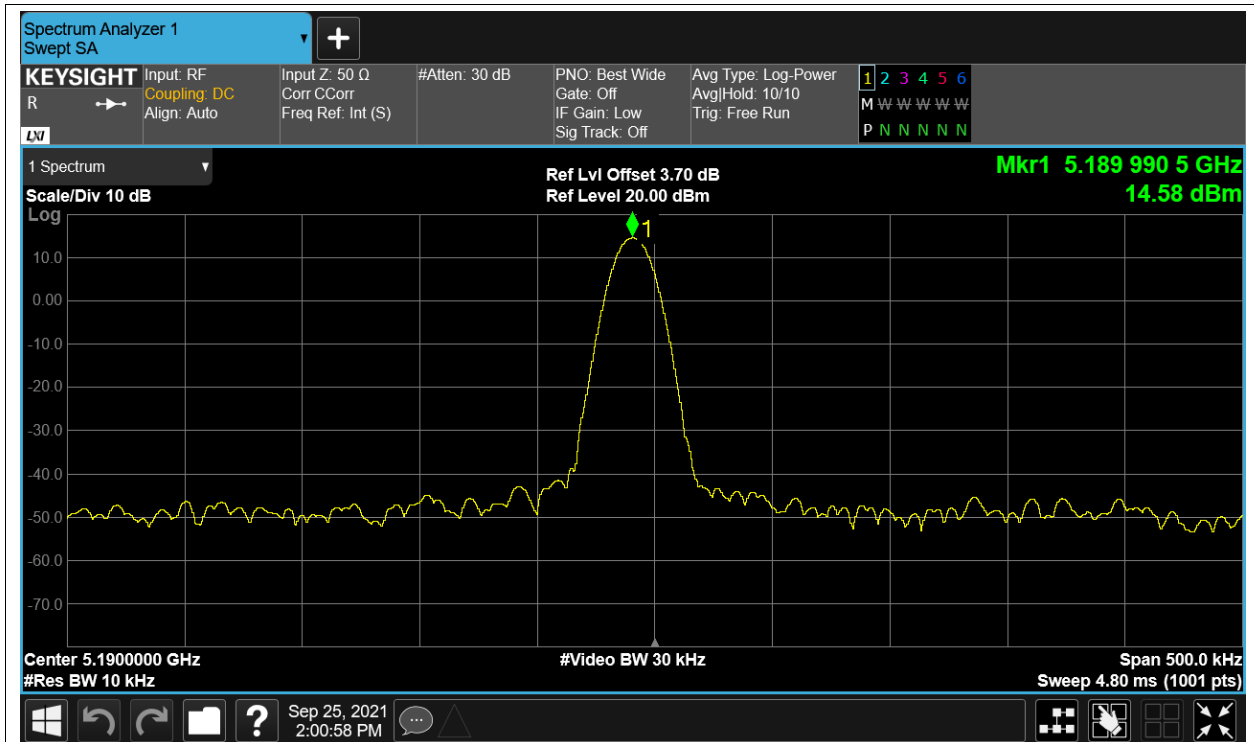
Freq. Stability HVHT ax40 5190MHz MIMO



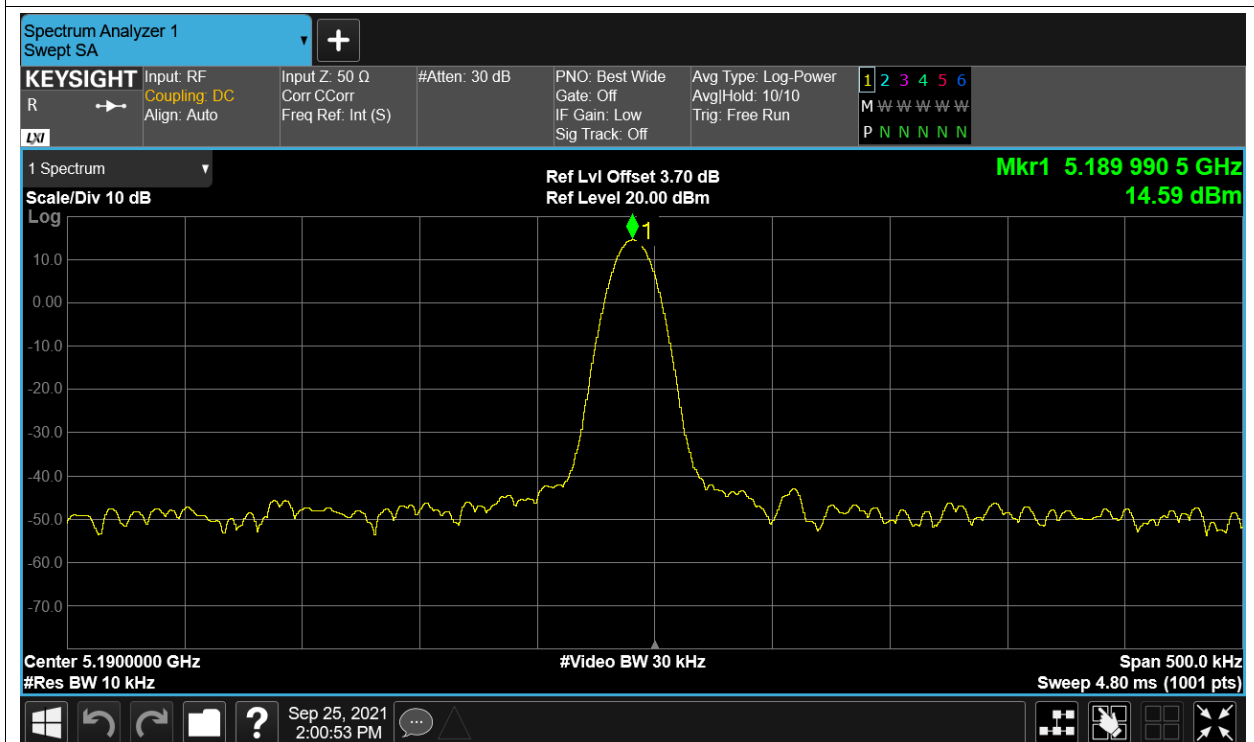
Freq. Stability HVLT ax40 5190MHz MIMO



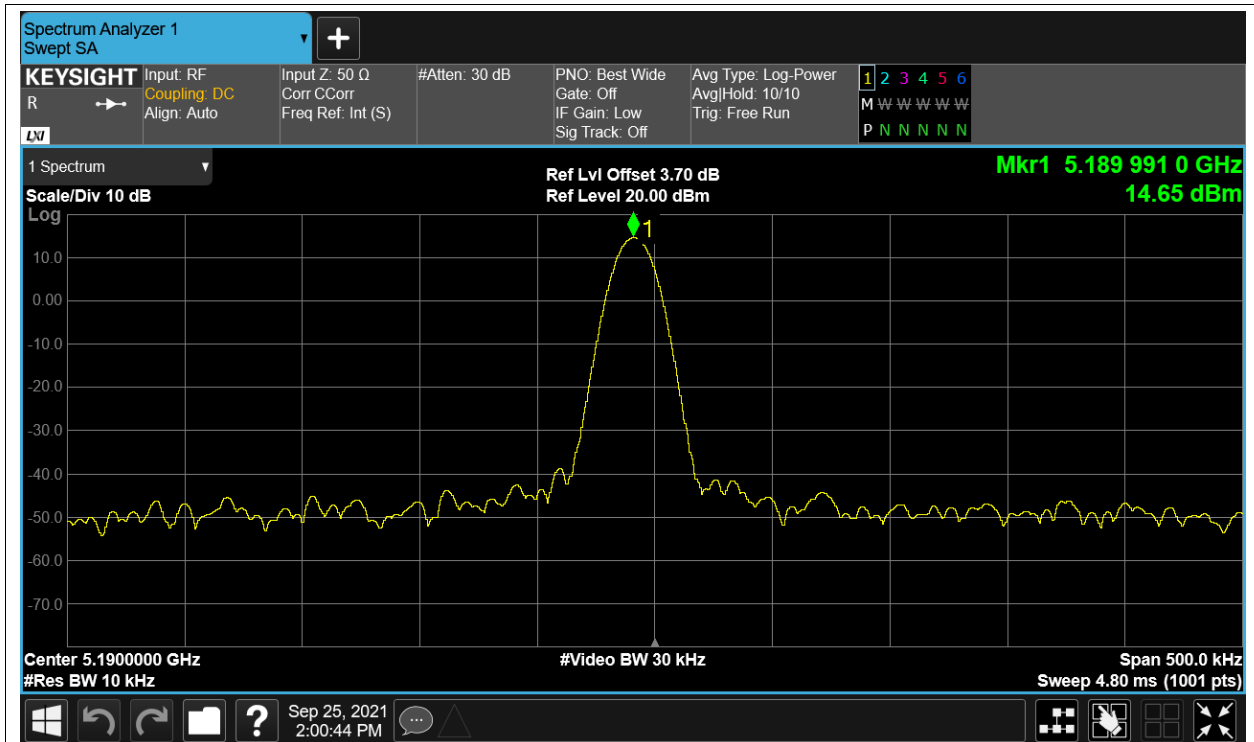
Freq. Stability LVHT ax40 5190MHz MIMO



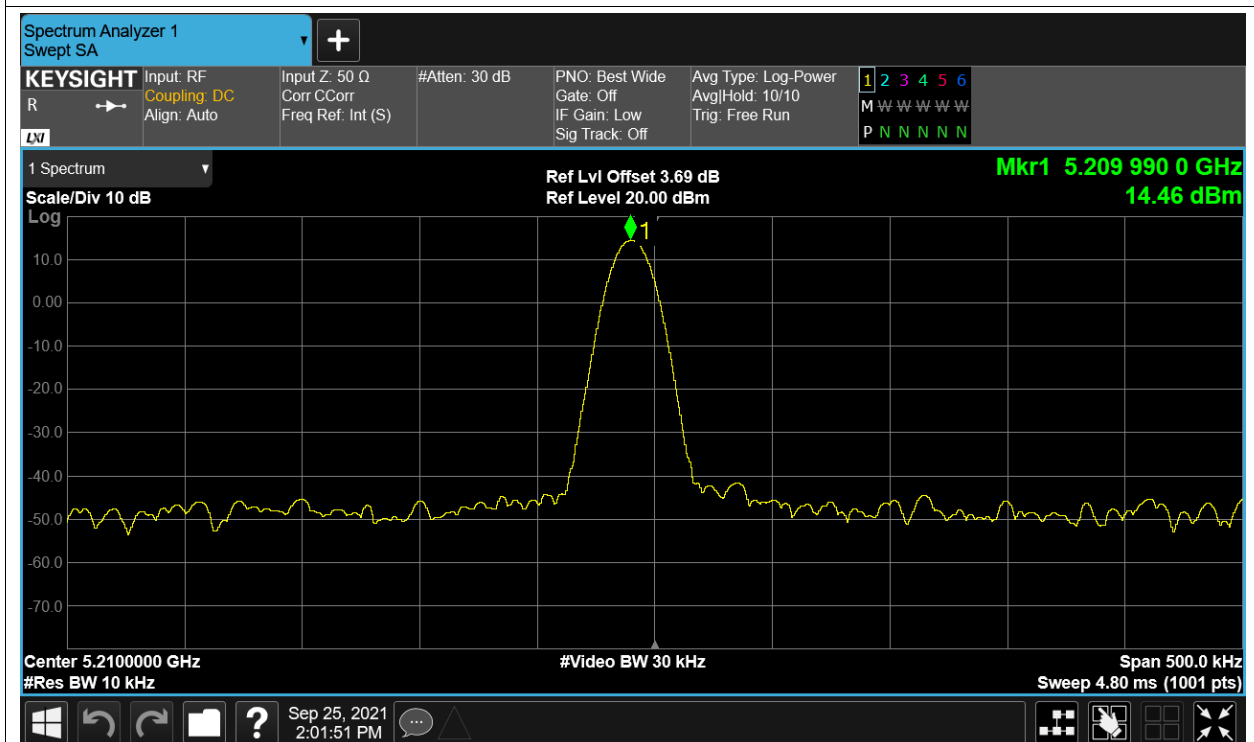
Freq. Stability LVLt ax40 5190MHz MIMO



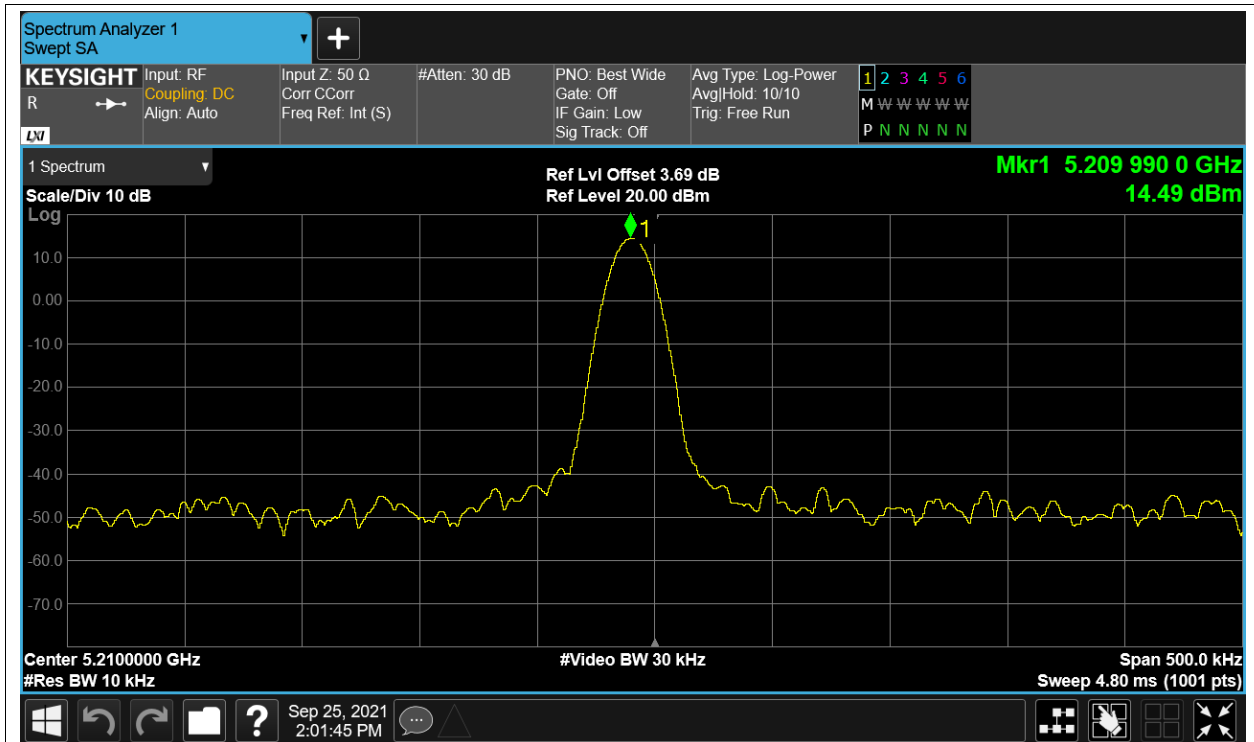
Freq. Stability NVNT ax40 5190MHz MIMO



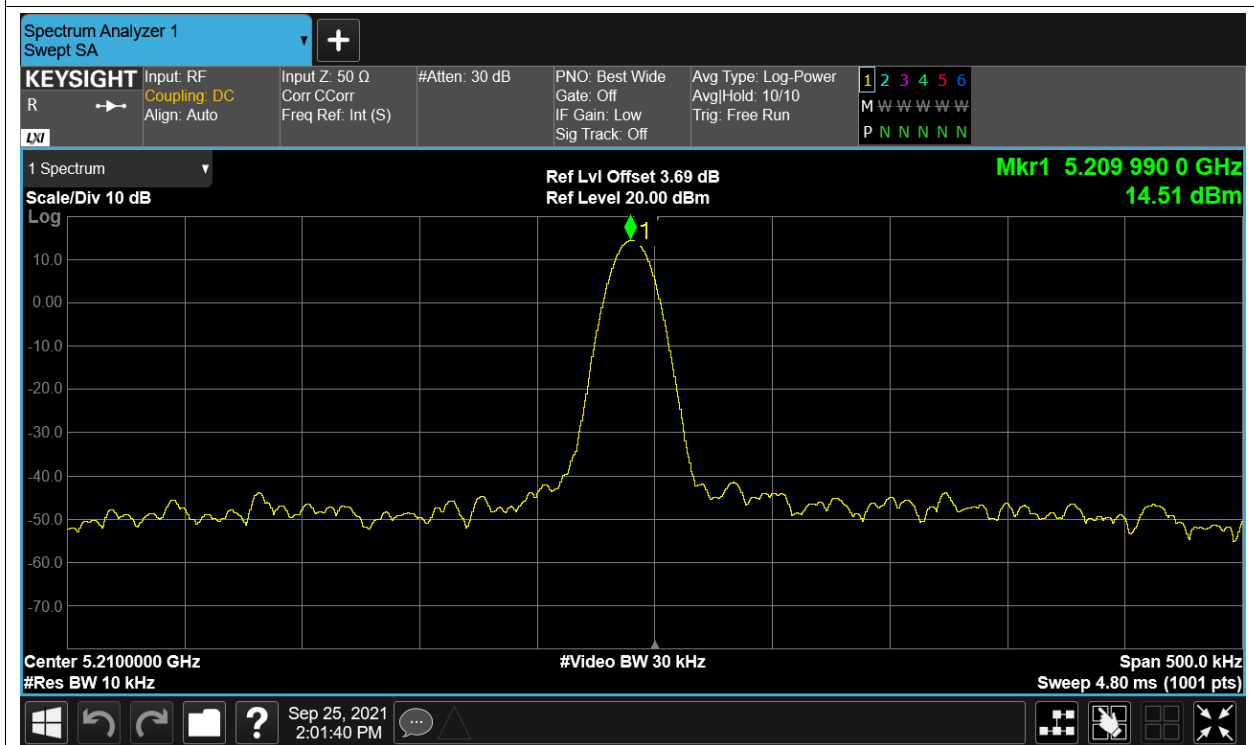
Freq. Stability HVHT ax80 5210MHz MIMO



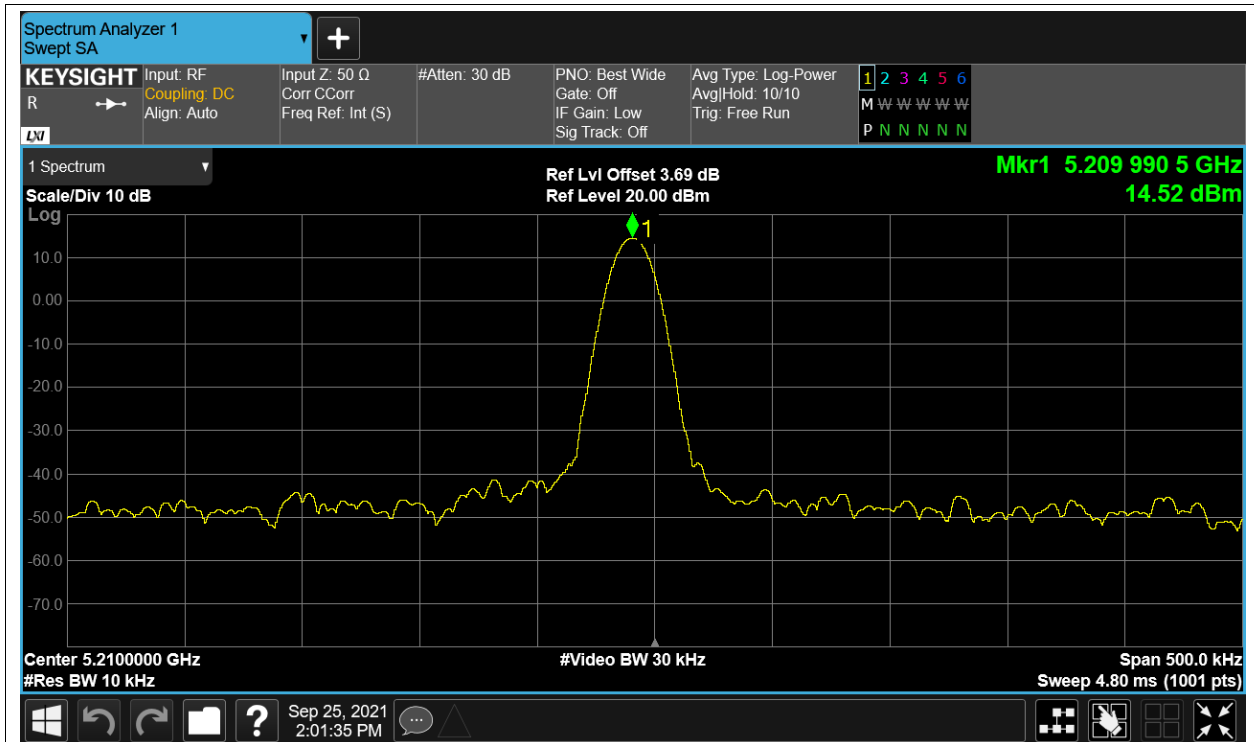
Freq. Stability HVLt ax80 5210MHz MIMO



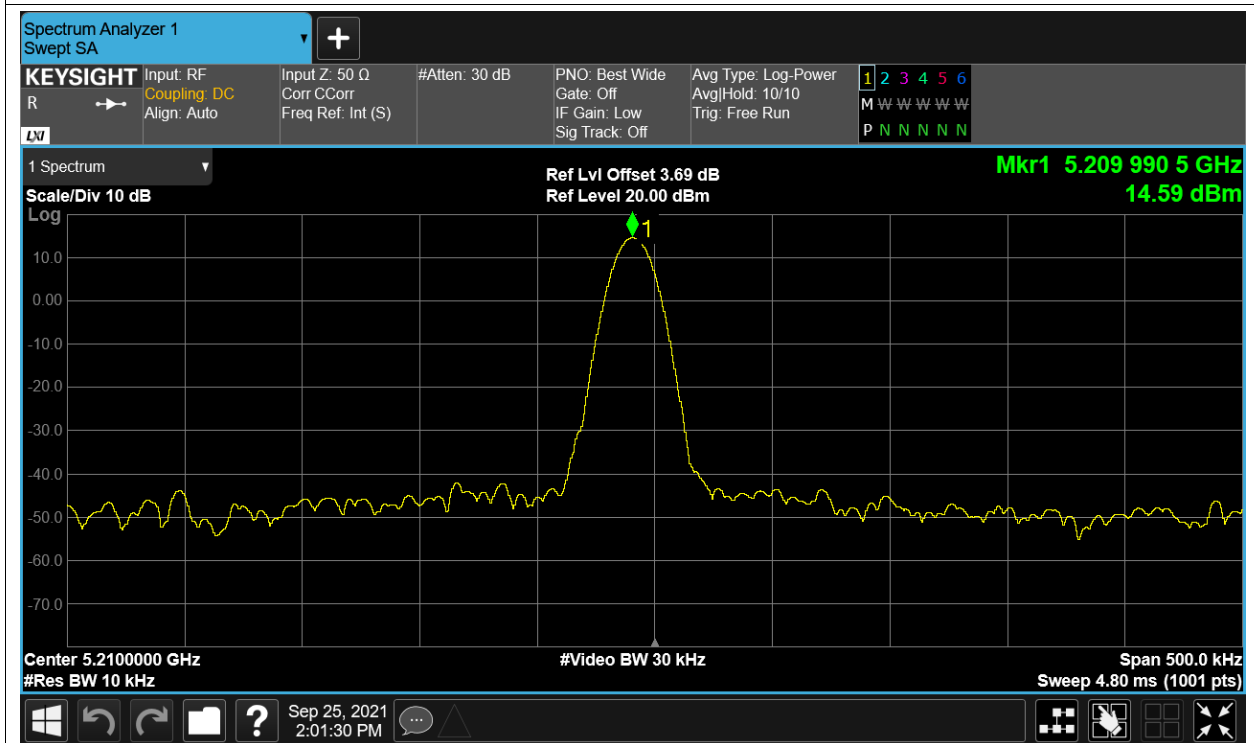
Freq. Stability LVHT ax80 5210MHz MIMO



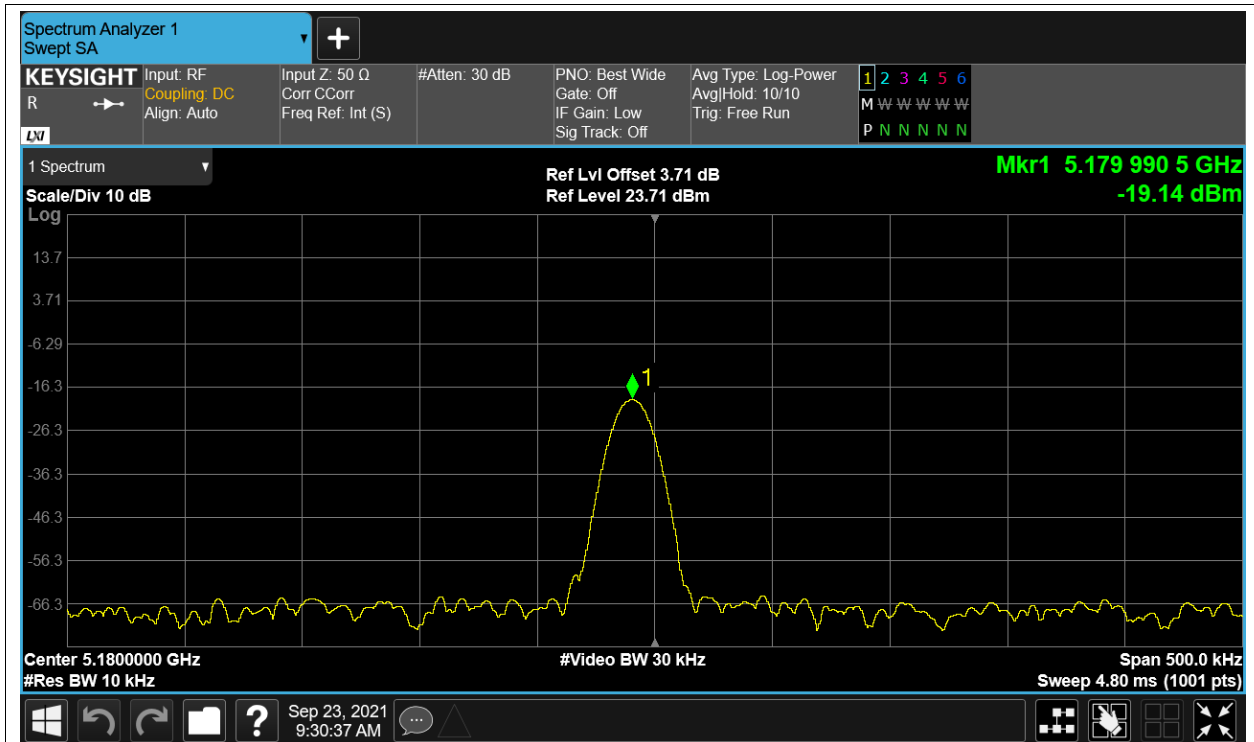
Freq. Stability LVLT ax80 5210MHz MIMO



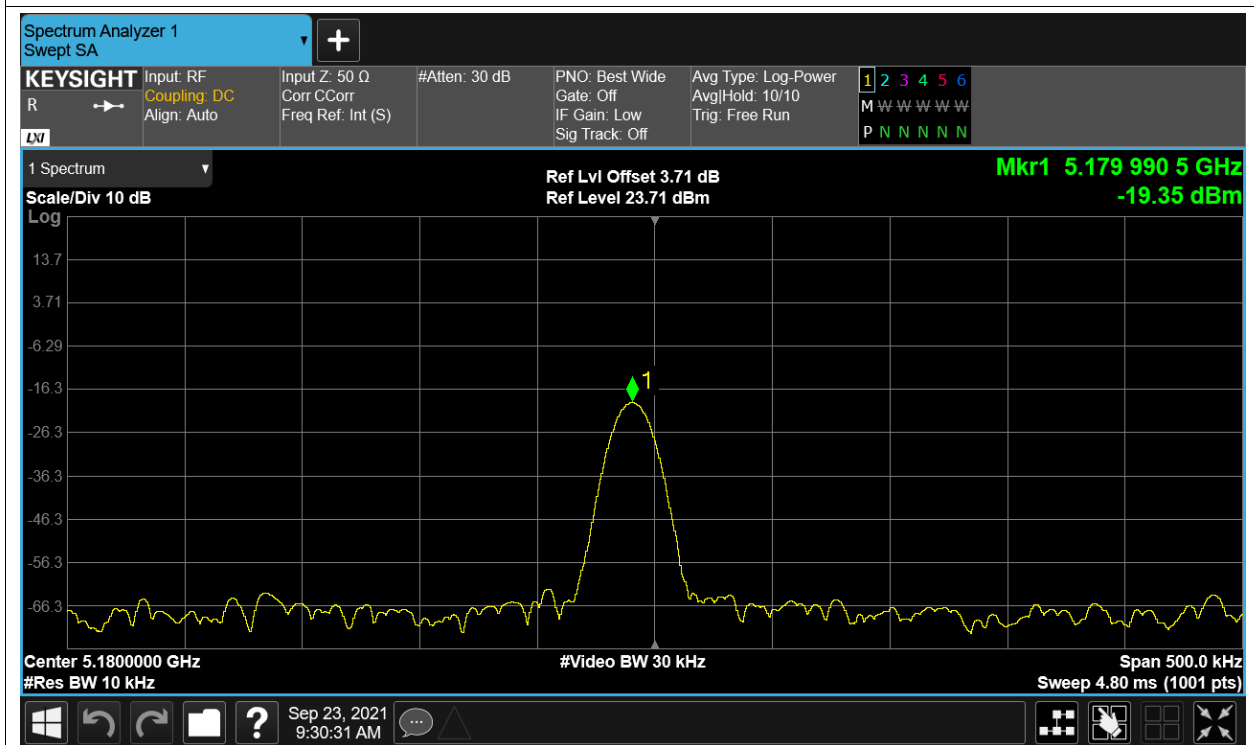
Freq. Stability NVNT ax80 5210MHz MIMO



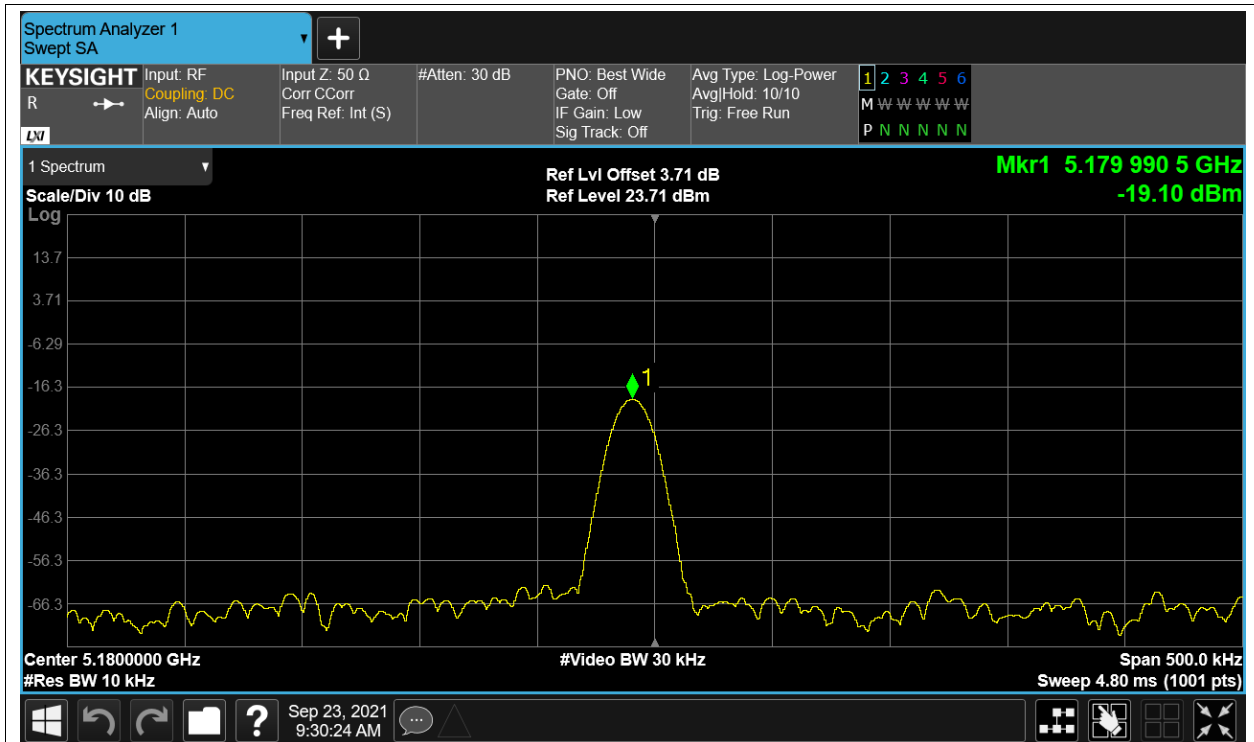
Freq. Stability HVHT n20 5180MHz MIMO



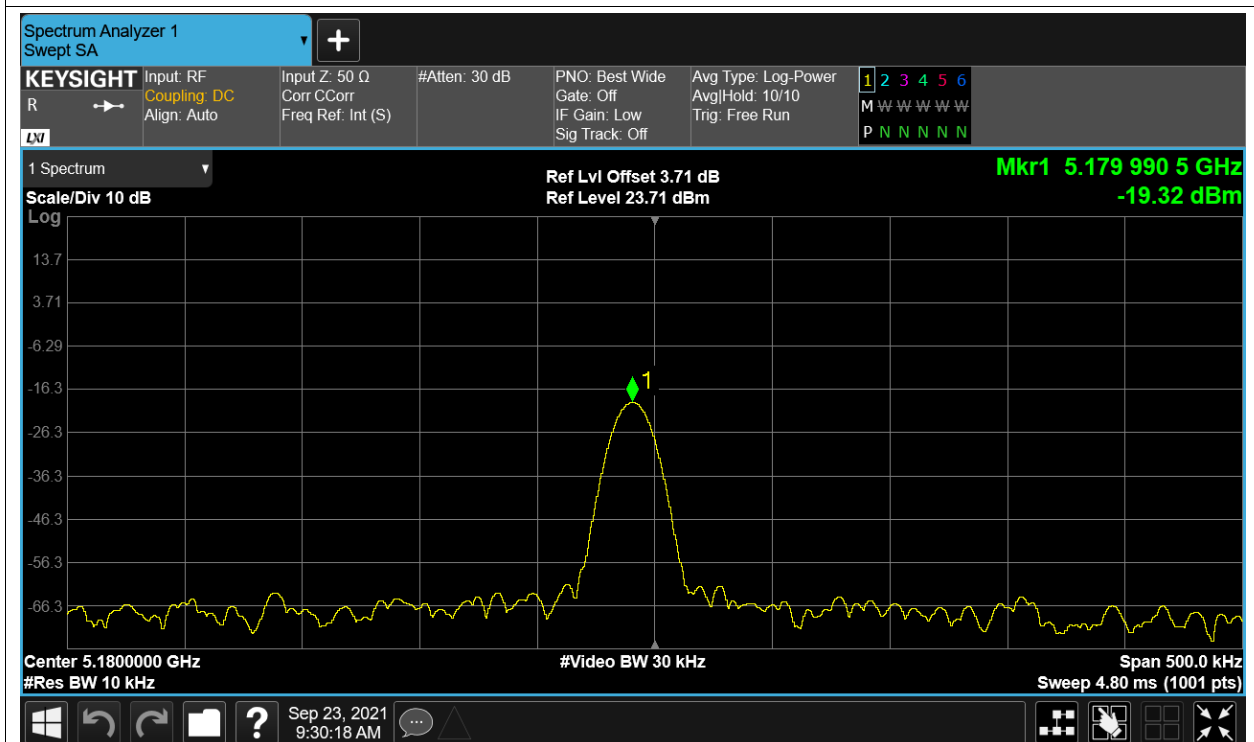
Freq. Stability HVLT n20 5180MHz MIMO



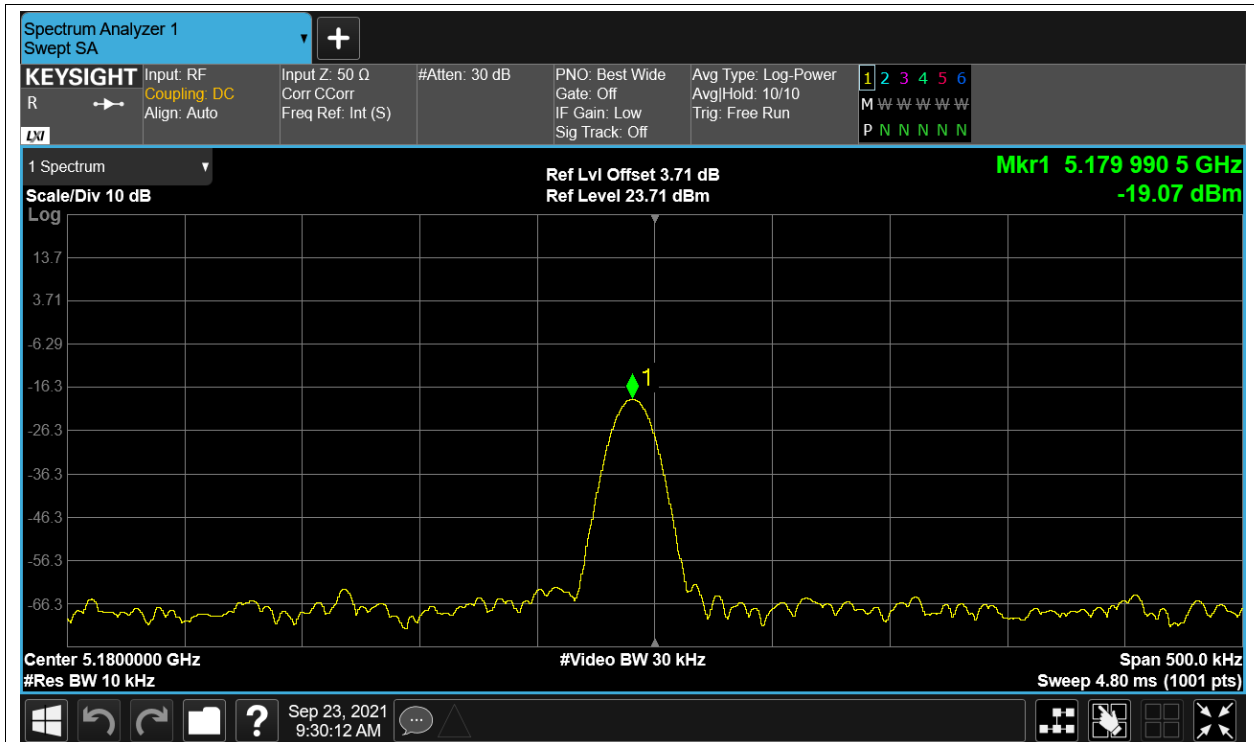
Freq. Stability LVHT n20 5180MHz MIMO



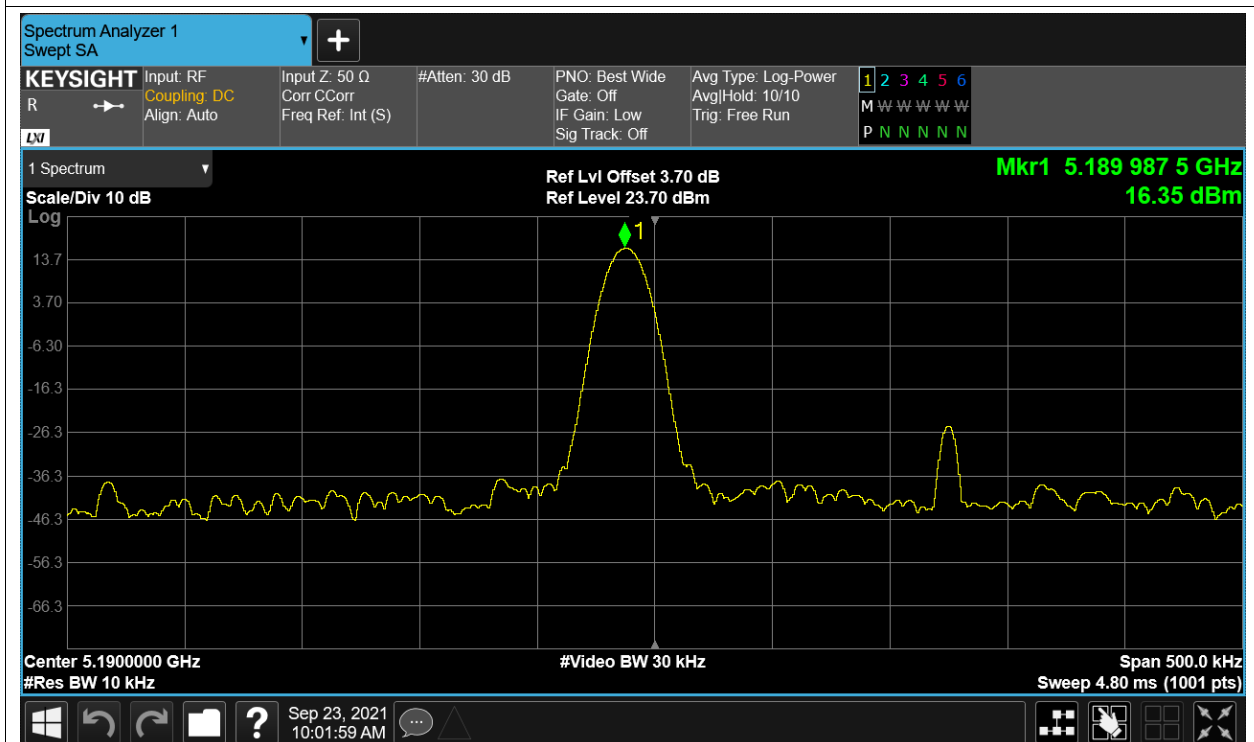
Freq. Stability LVLTL n20 5180MHz MIMO



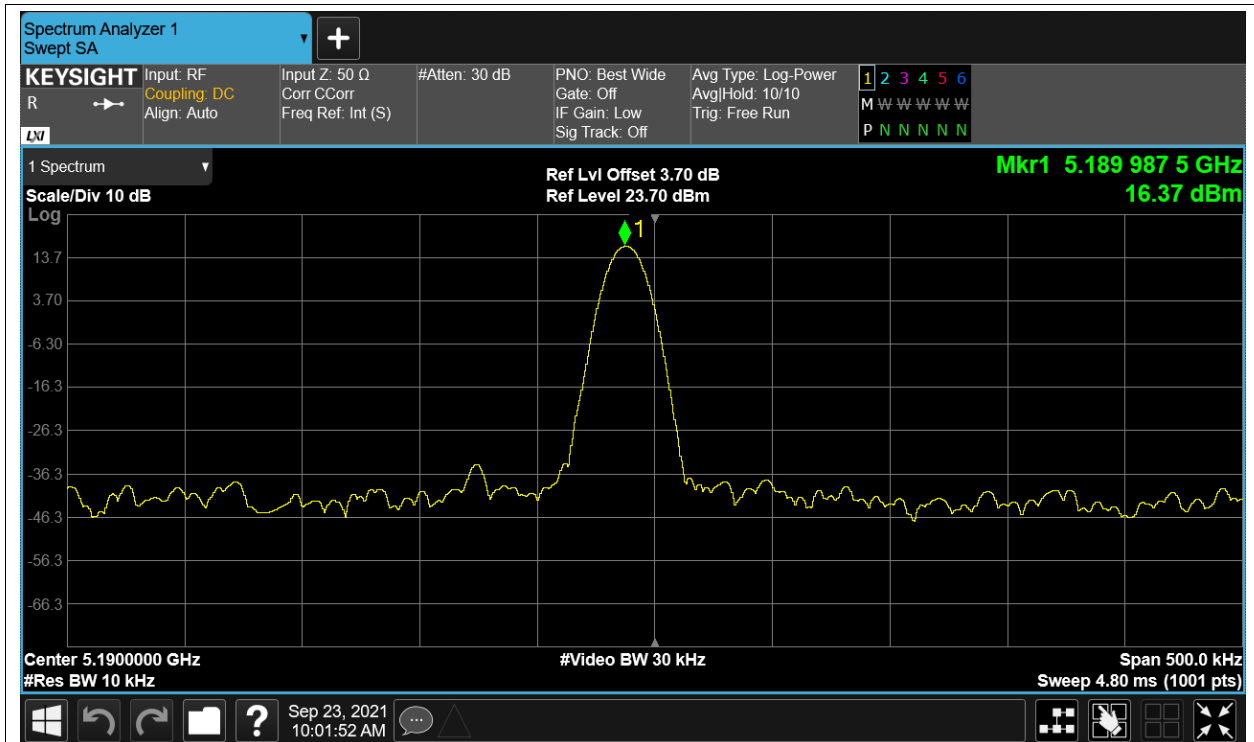
Freq. Stability NVNT n20 5180MHz MIMO



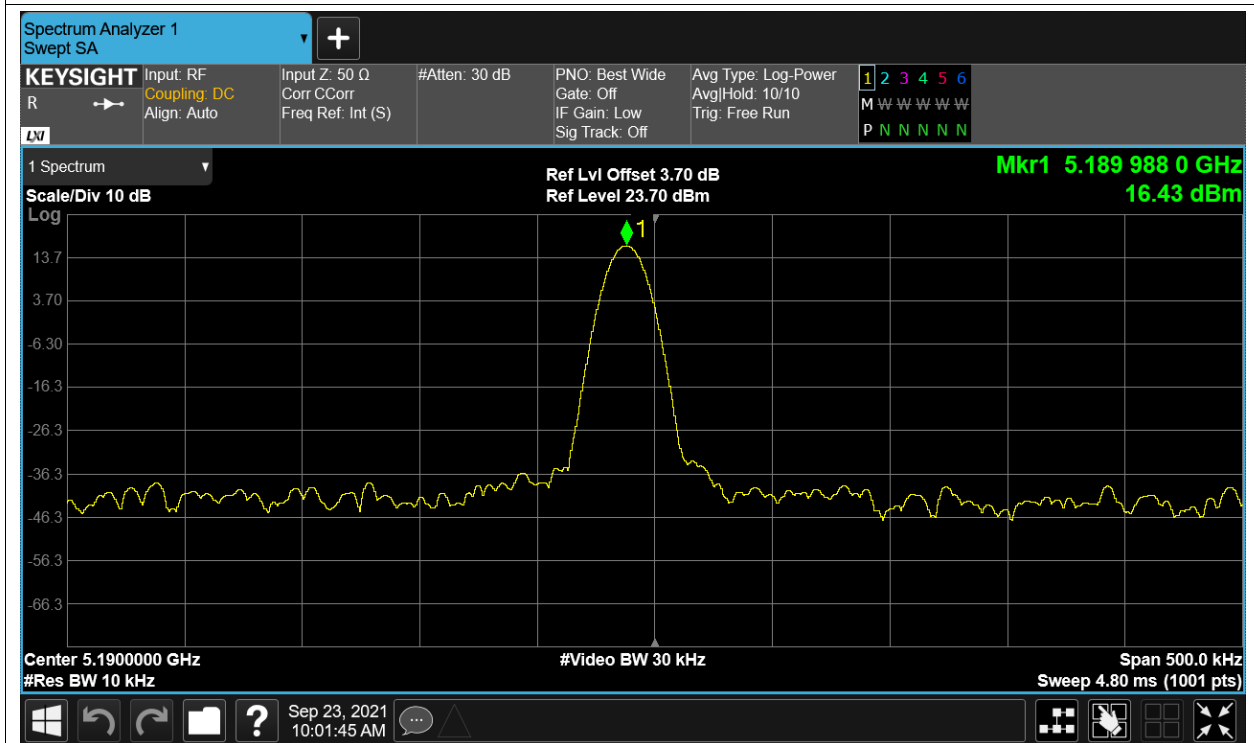
Freq. Stability HVHT n40 5190MHz MIMO



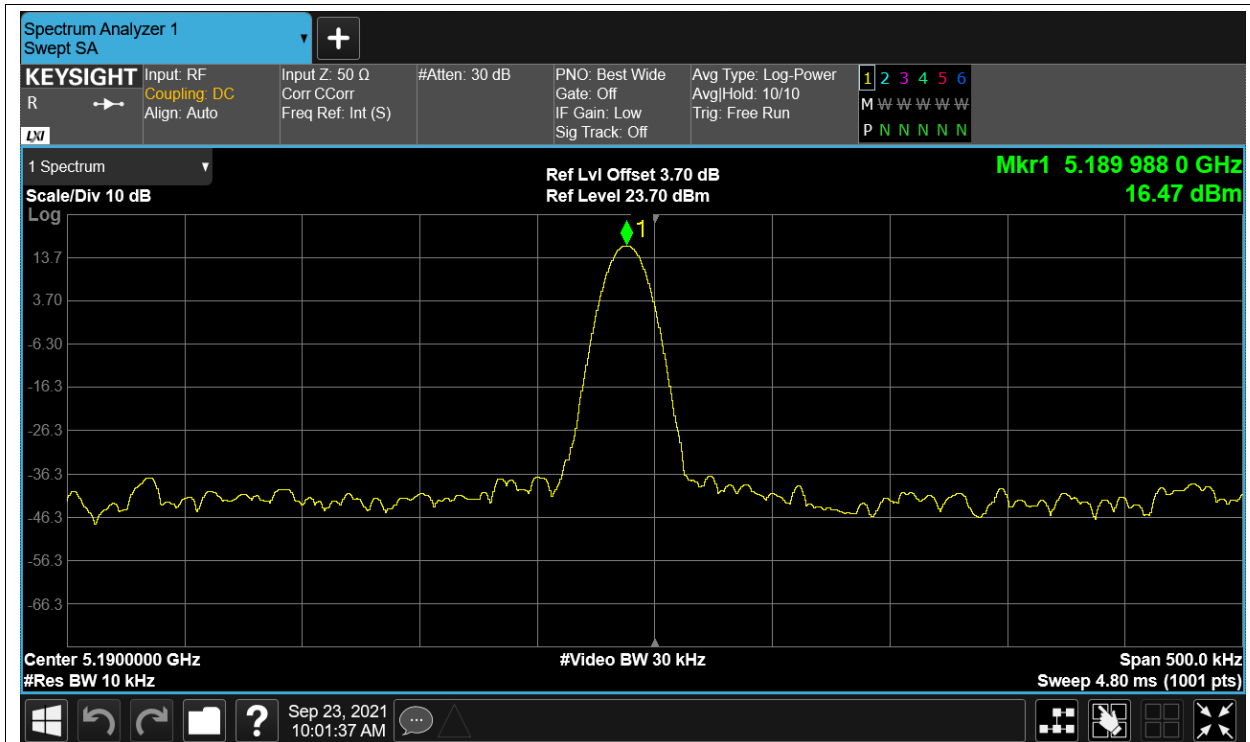
Freq. Stability HVLT n40 5190MHz MIMO



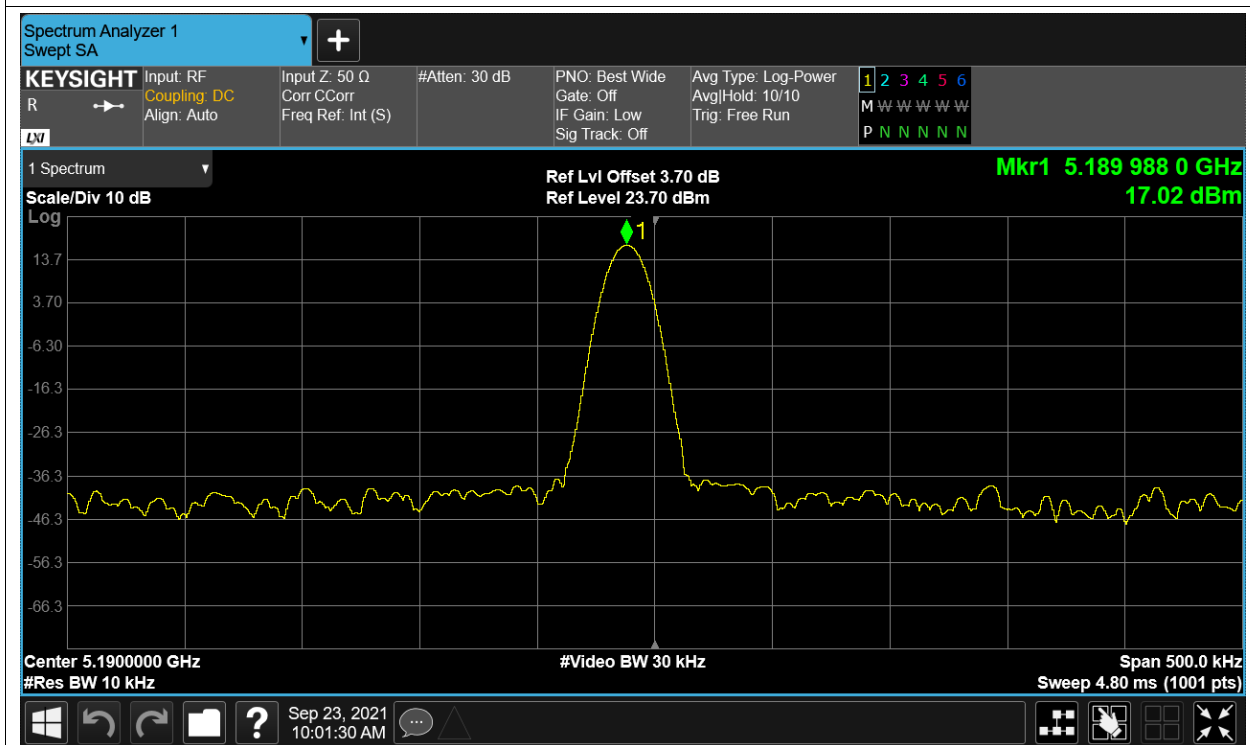
Freq. Stability LVHT n40 5190MHz MIMO



Freq. Stability LVLTL n40 5190MHz MIMO



Freq. Stability NVNT n40 5190MHz MIMO

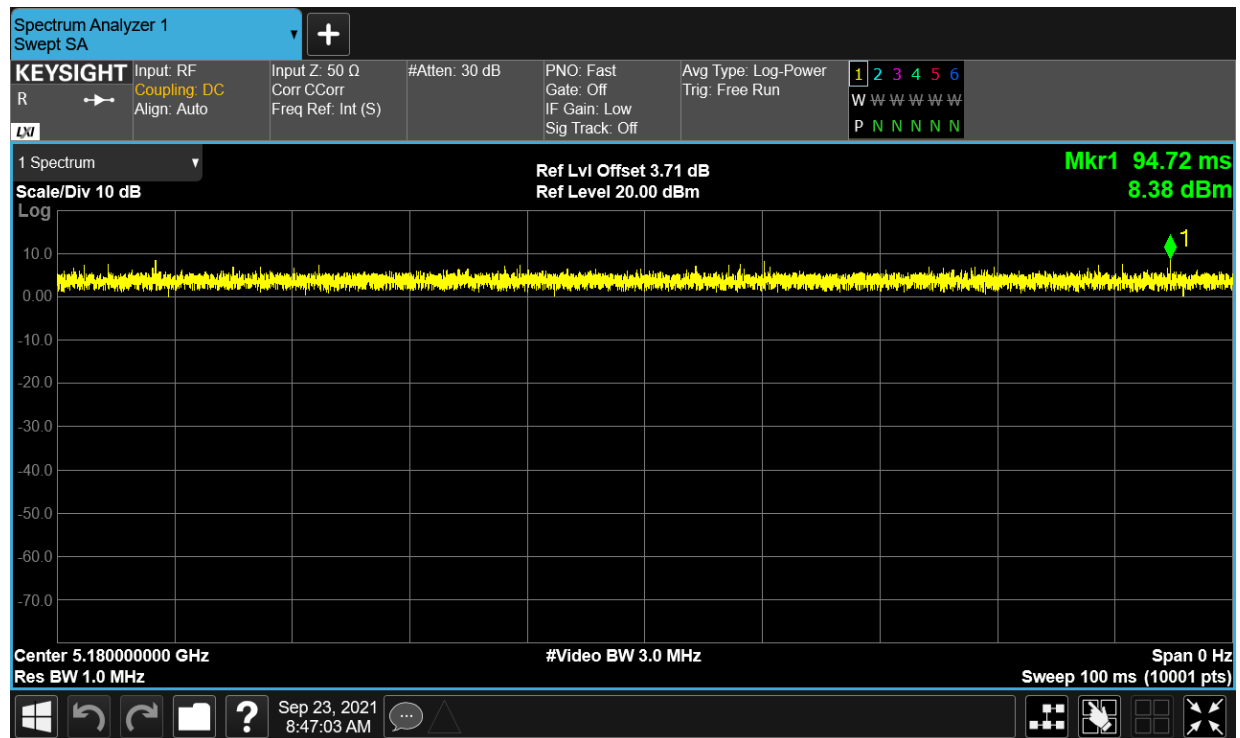


Duty Cycle

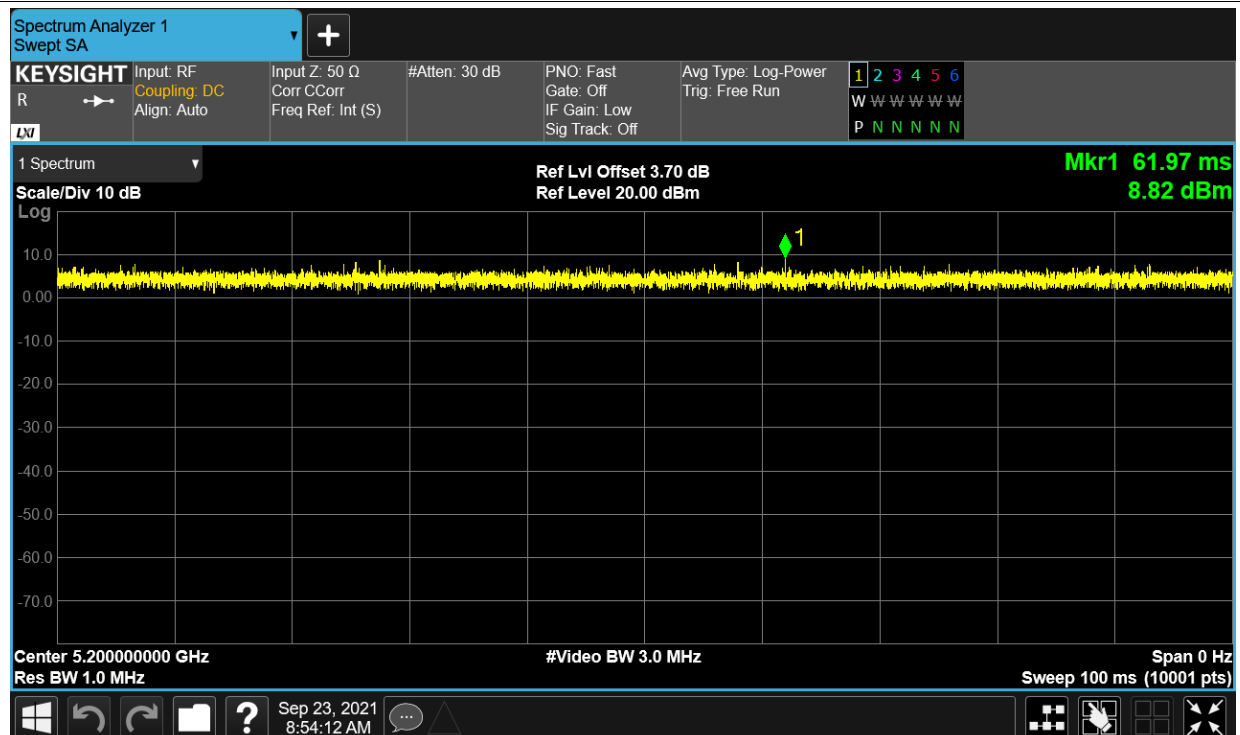
Condition	Mode	Frequency (MHz)	Antenna	Duty Cycle (%)	Correction Factor (dB)
NVNT	a	5180	ANT1	100	0
NVNT	a	5200	ANT1	100	0
NVNT	a	5240	ANT1	100	0
NVNT	a	5180	ANT2	100	0
NVNT	a	5200	ANT2	100	0
NVNT	a	5240	ANT2	100	0
NVNT	ac20	5180	MIMO	100	0
NVNT	ac20	5200	MIMO	100	0
NVNT	ac20	5240	MIMO	100	0
NVNT	ac40	5190	MIMO	100	0
NVNT	ac40	5230	MIMO	100	0
NVNT	ac80	5210	MIMO	100	0
NVNT	ax20	5180	MIMO	100	0
NVNT	ax20	5200	MIMO	100	0
NVNT	ax20	5240	MIMO	100	0
NVNT	ax40	5190	MIMO	100	0
NVNT	ax40	5230	MIMO	100	0
NVNT	ax80	5210	MIMO	100	0
NVNT	n20	5180	MIMO	100	0
NVNT	n20	5200	MIMO	100	0
NVNT	n20	5240	MIMO	100	0
NVNT	n40	5190	MIMO	100	0
NVNT	n40	5230	MIMO	100	0

Test Graphs

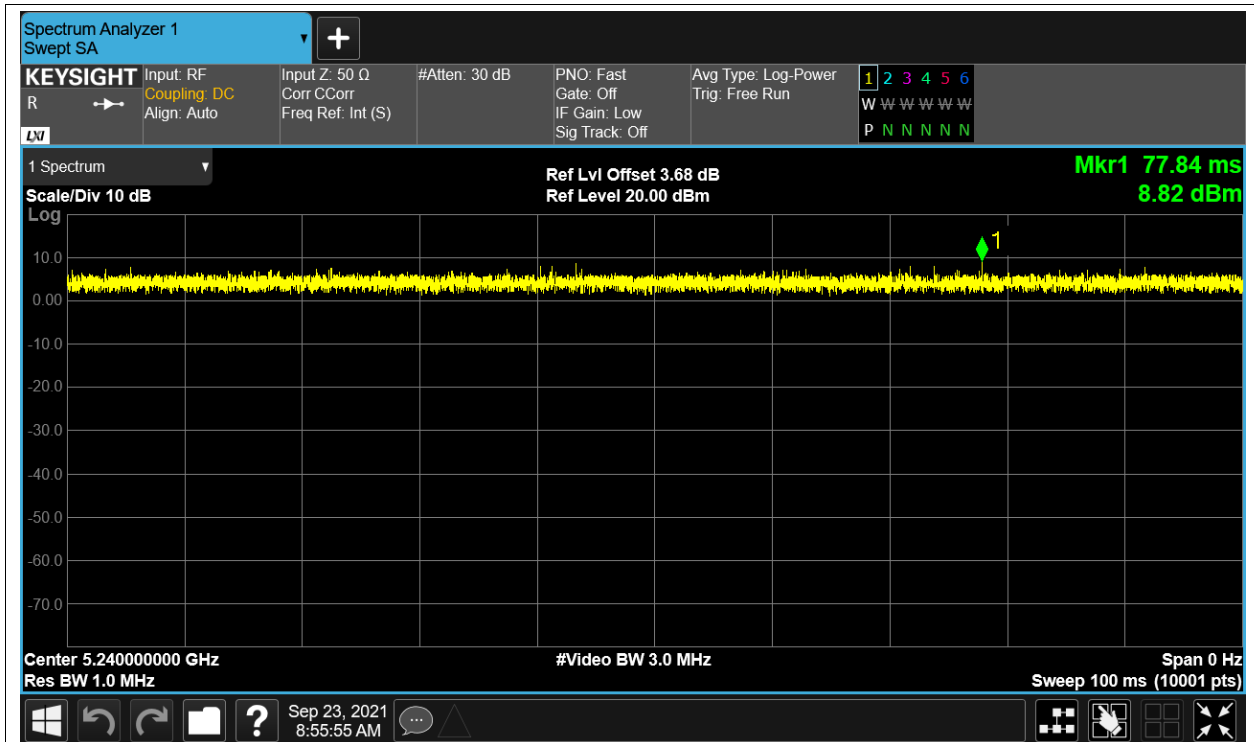
Duty Cycle NVNT a 5180MHz ANT1



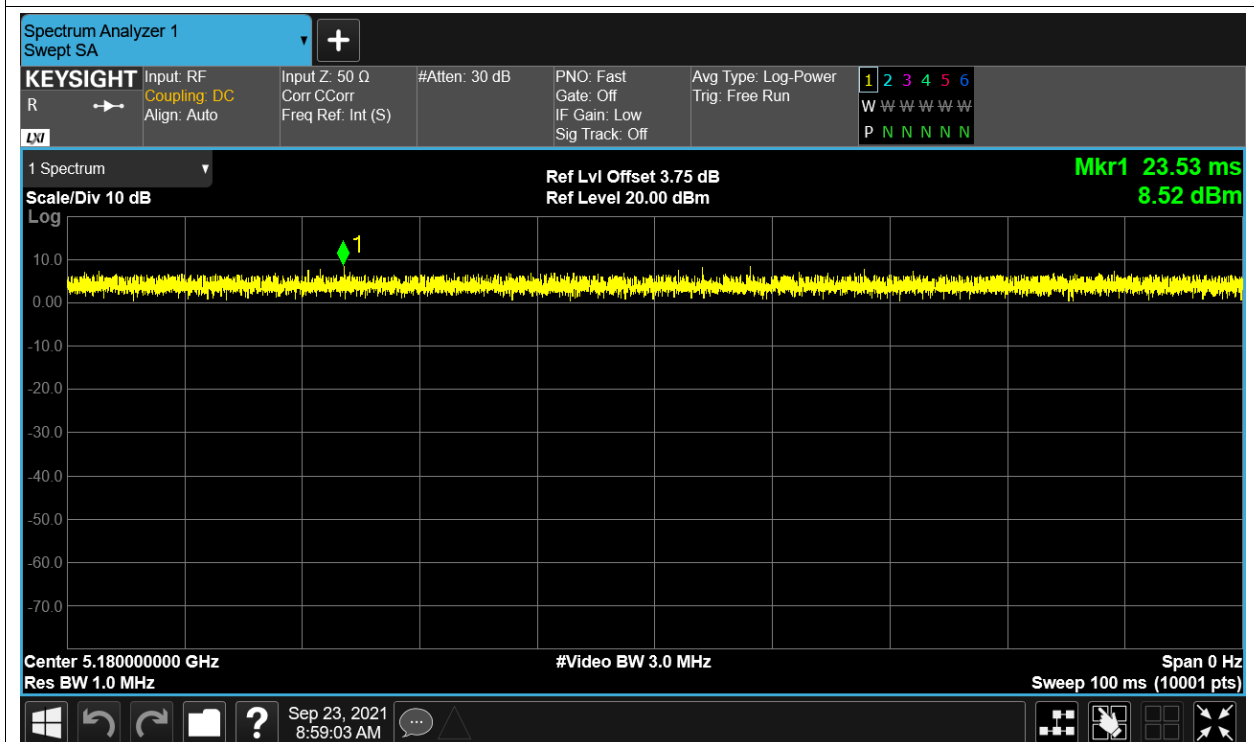
Duty Cycle NVNT a 5200MHz ANT1



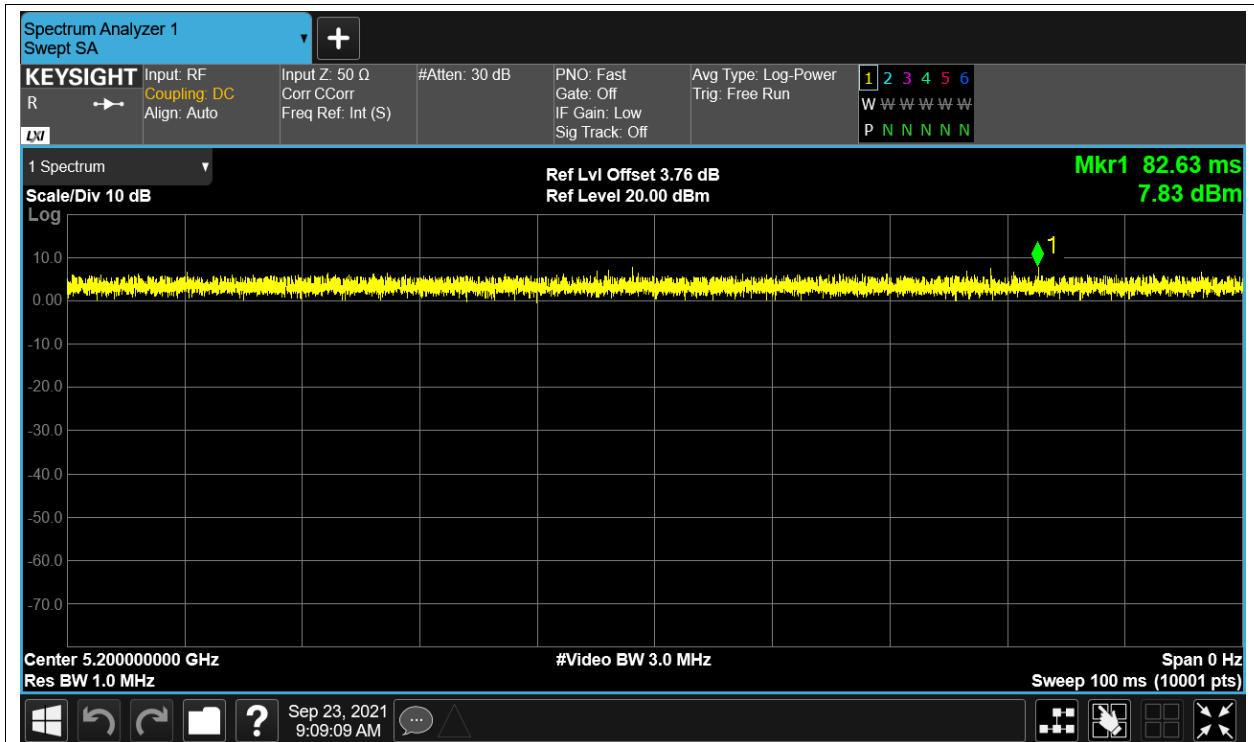
Duty Cycle NVNT a 5240MHz ANT1



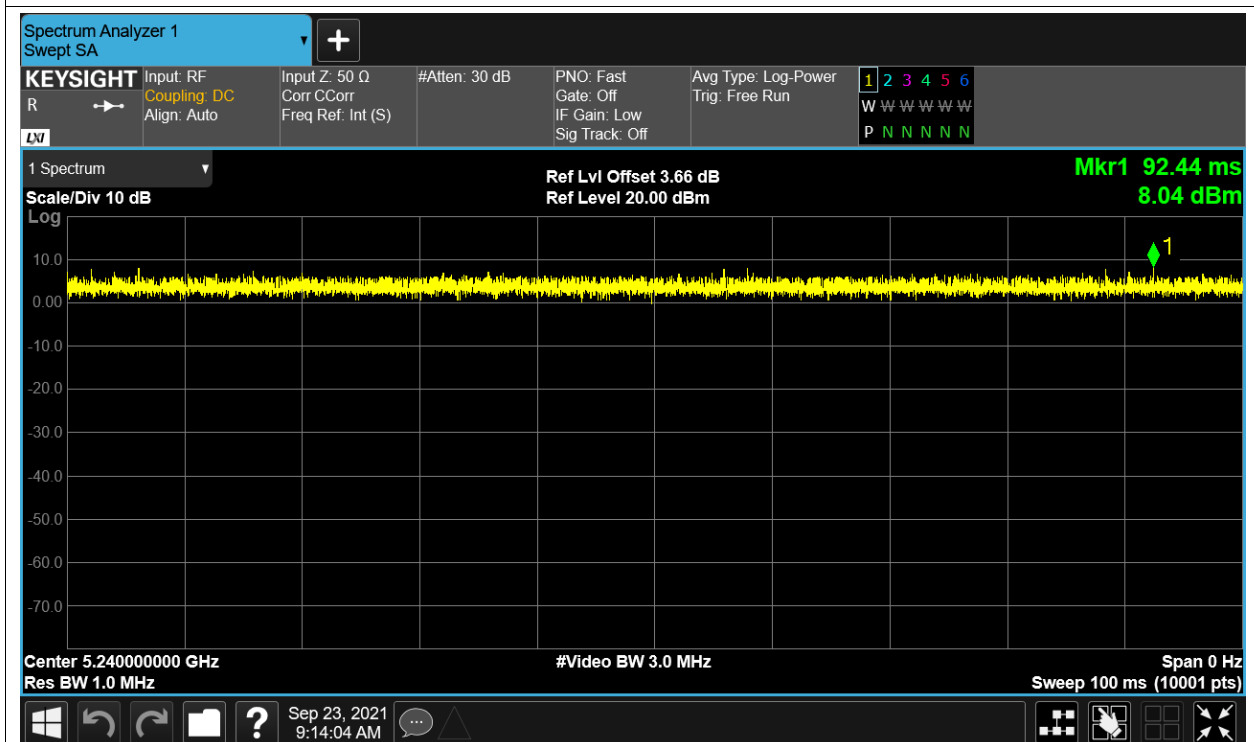
Duty Cycle NVNT a 5180MHz ANT2



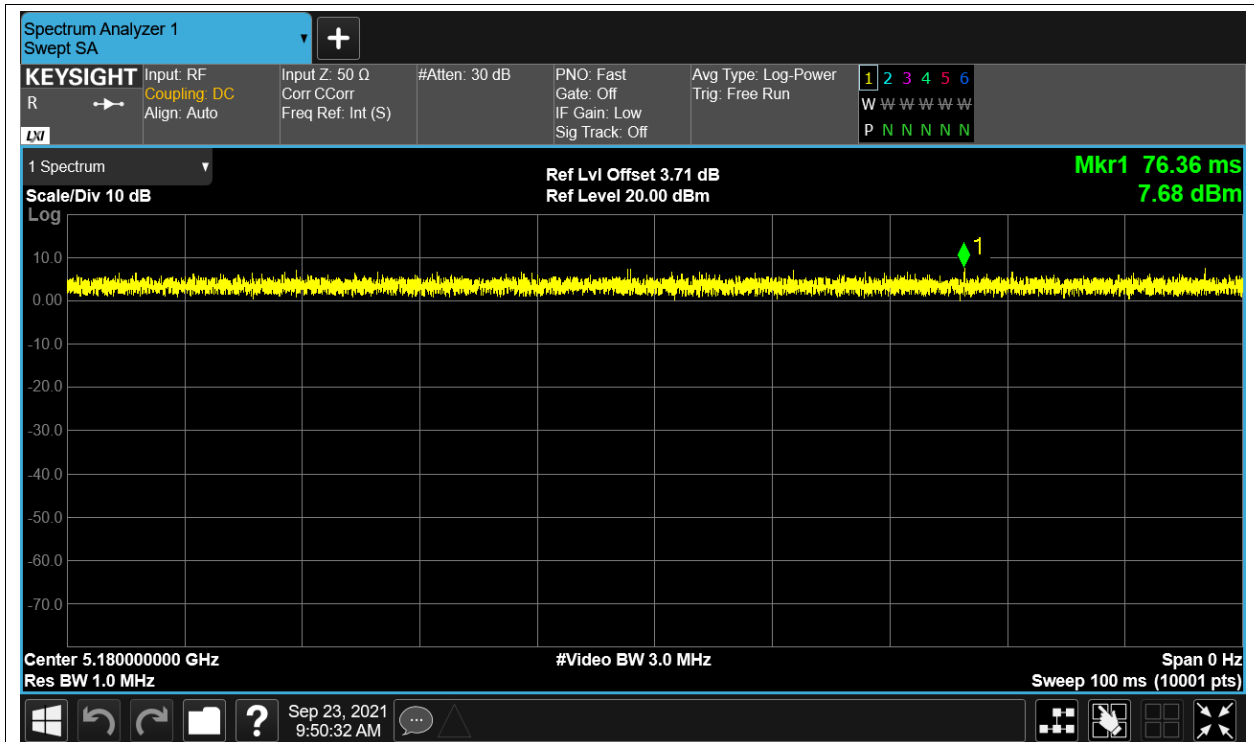
Duty Cycle NVNT a 5200MHz ANT2



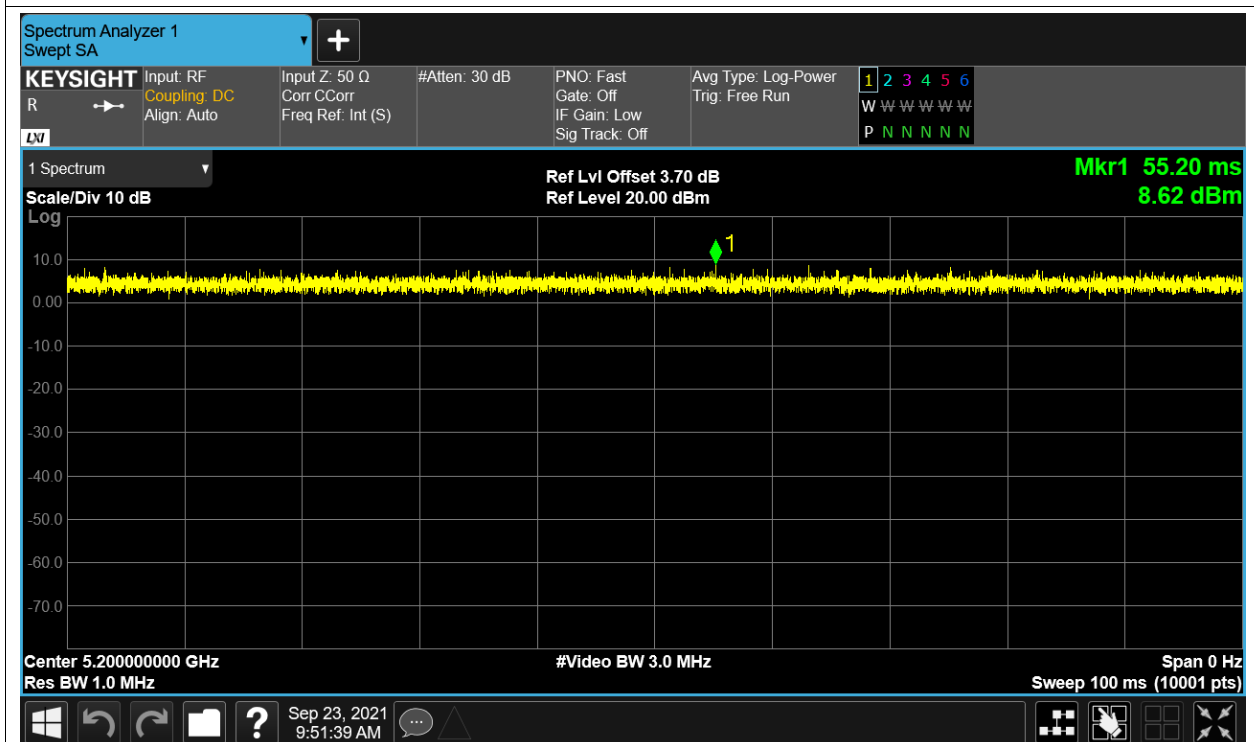
Duty Cycle NVNT a 5240MHz ANT2



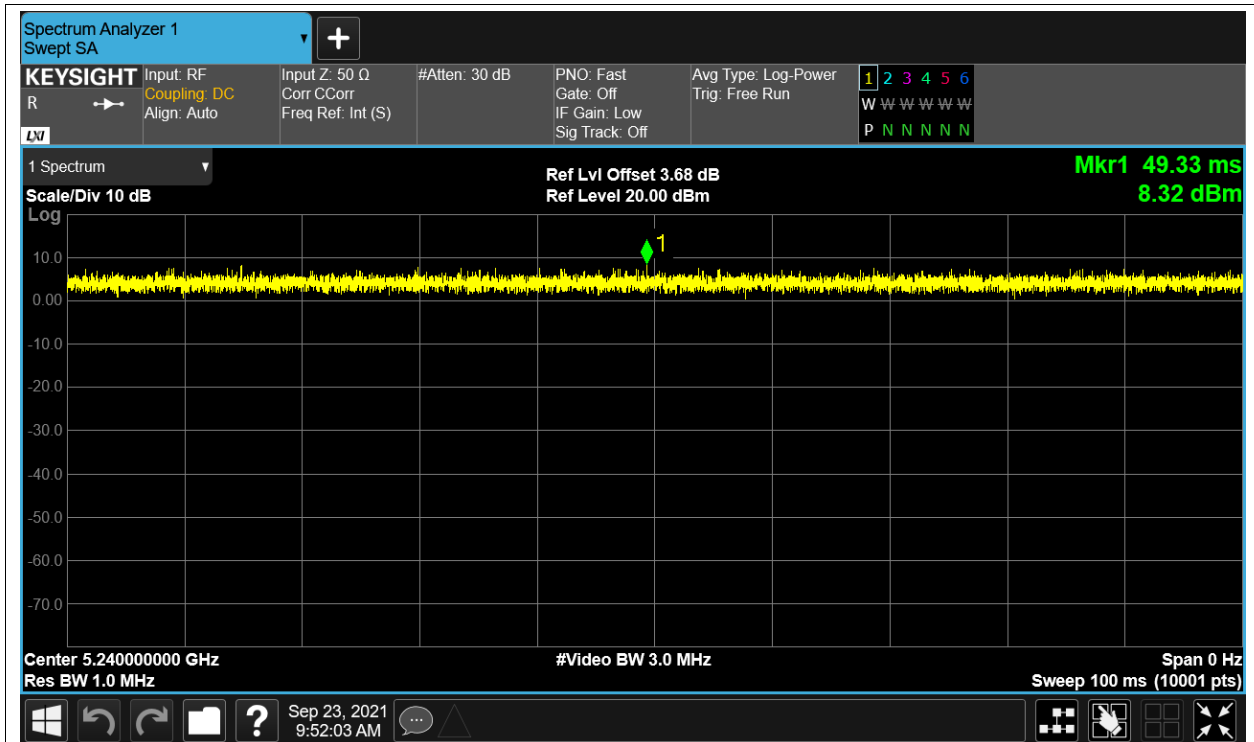
Duty Cycle NVNT ac20 5180MHz MIMO



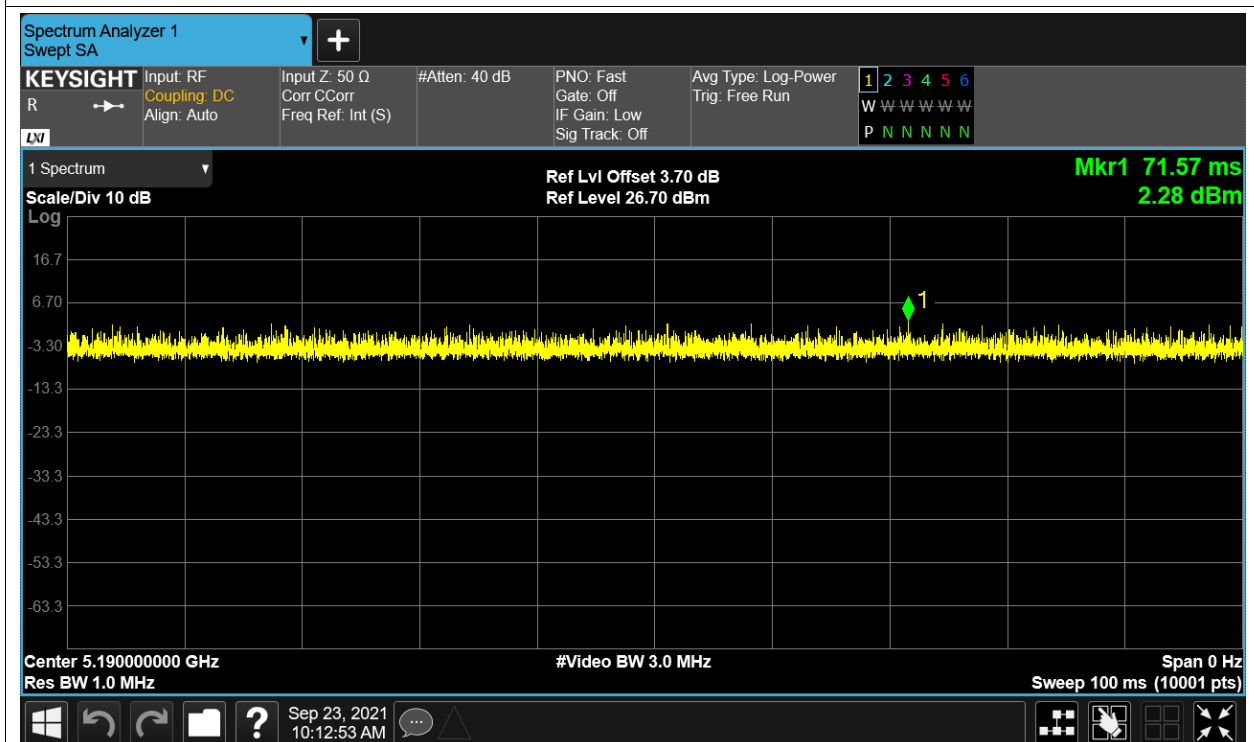
Duty Cycle NVNT ac20 5200MHz MIMO



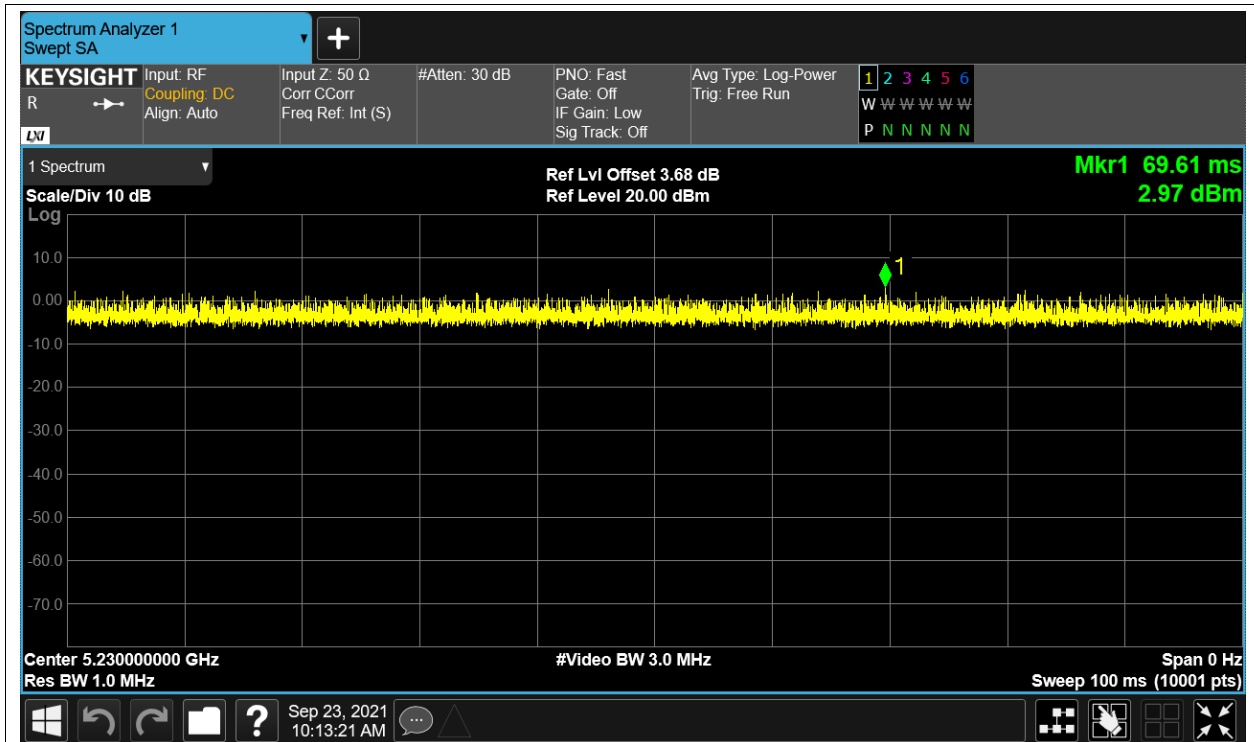
Duty Cycle NVNT ac20 5240MHz MIMO



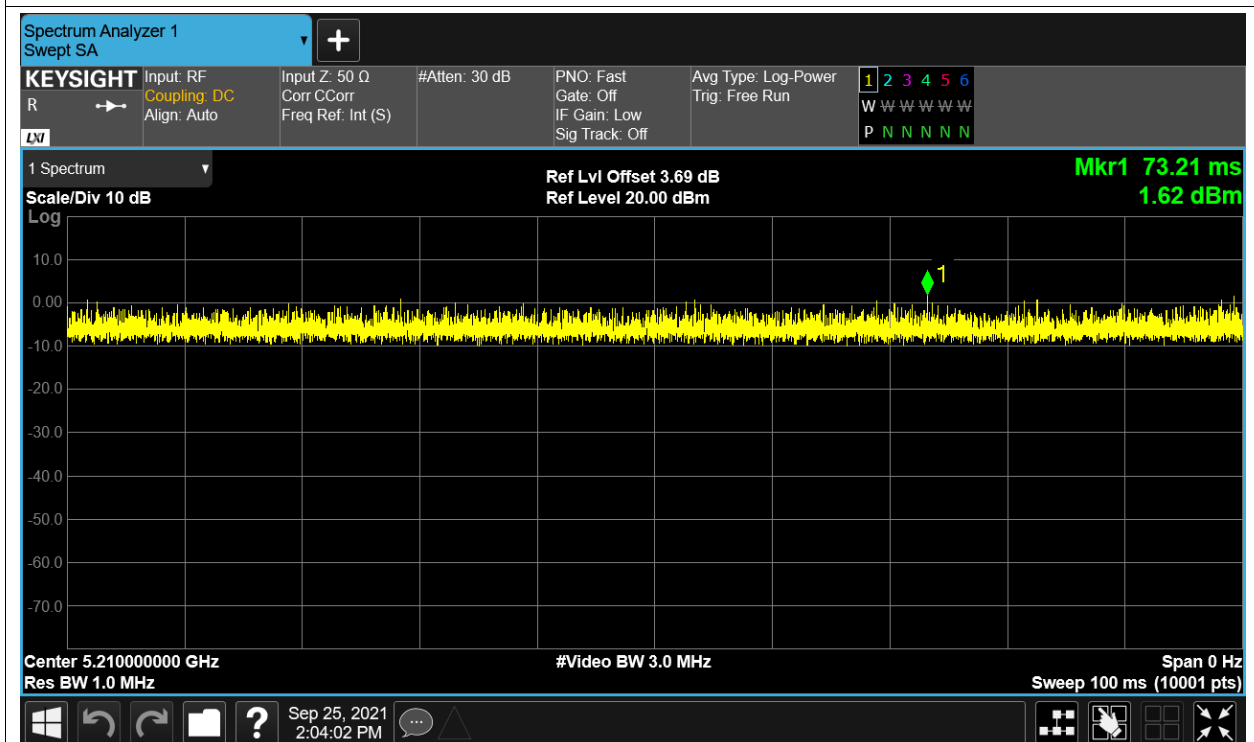
Duty Cycle NVNT ac40 5190MHz MIMO



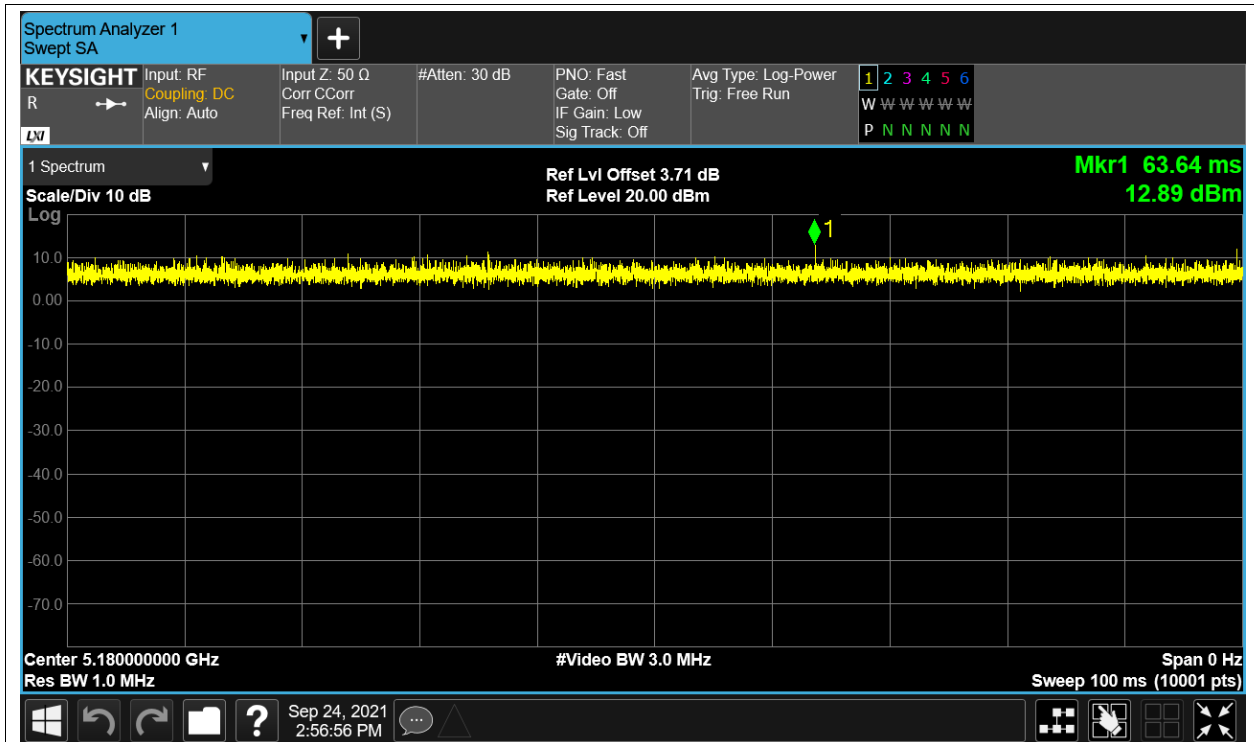
Duty Cycle NVNT ac40 5230MHz MIMO



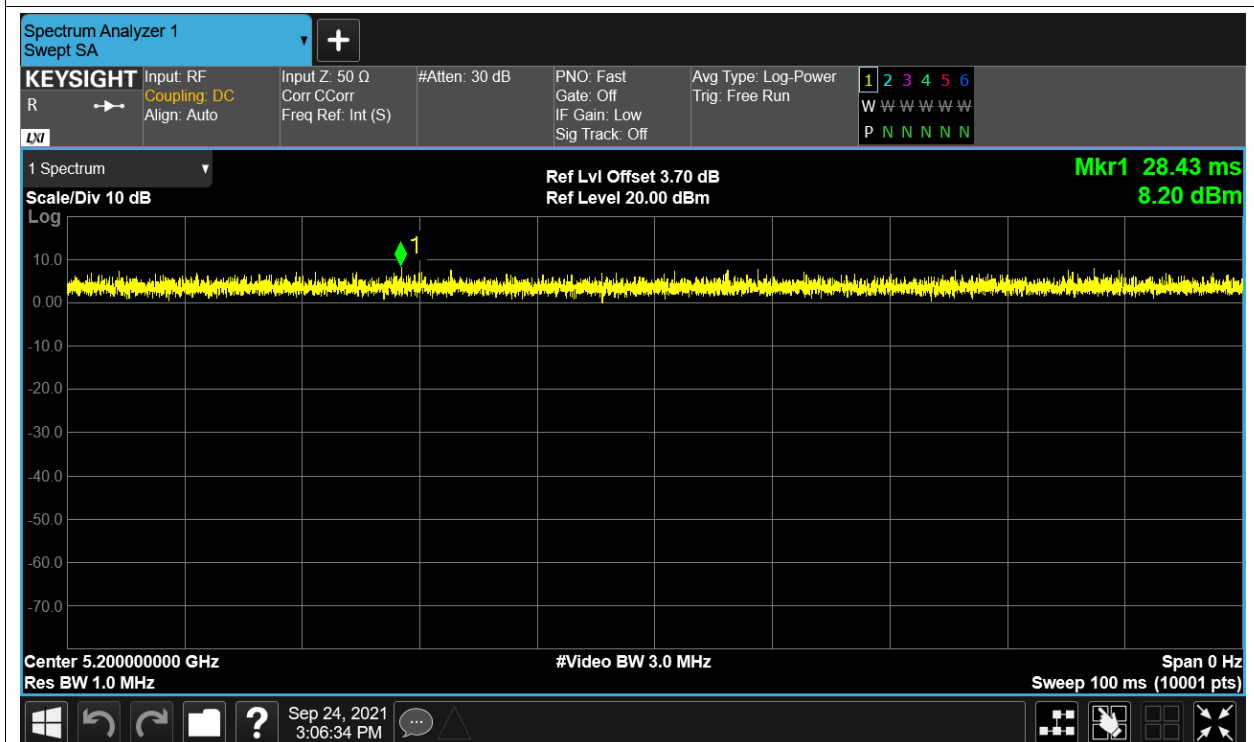
Duty Cycle NVNT ac80 5210MHz MIMO



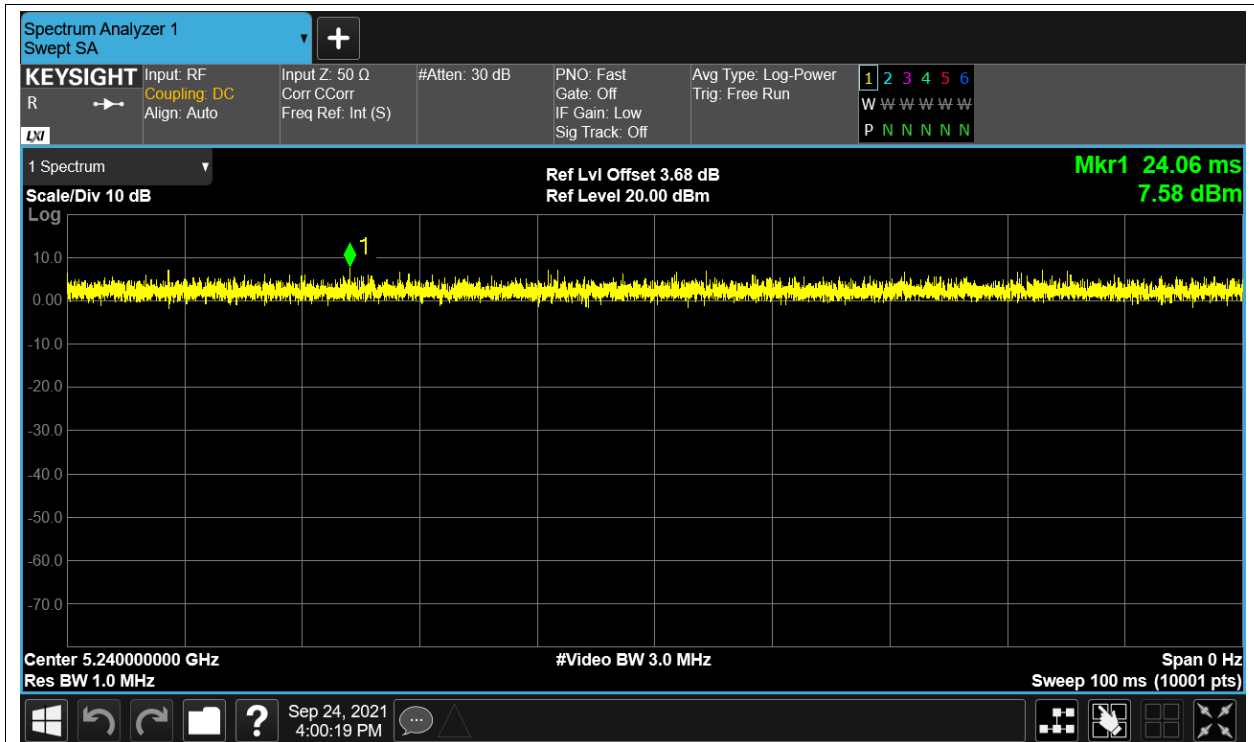
Duty Cycle NVNT ax20 5180MHz MIMO



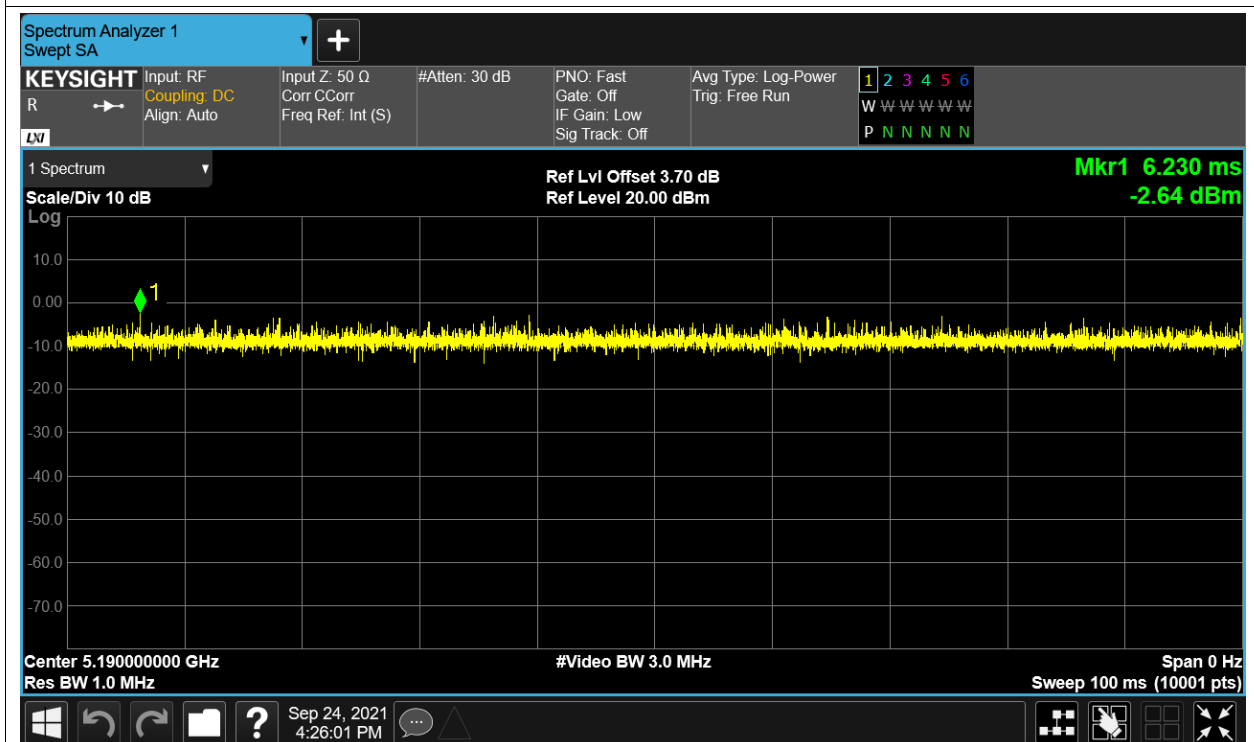
Duty Cycle NVNT ax20 5200MHz MIMO



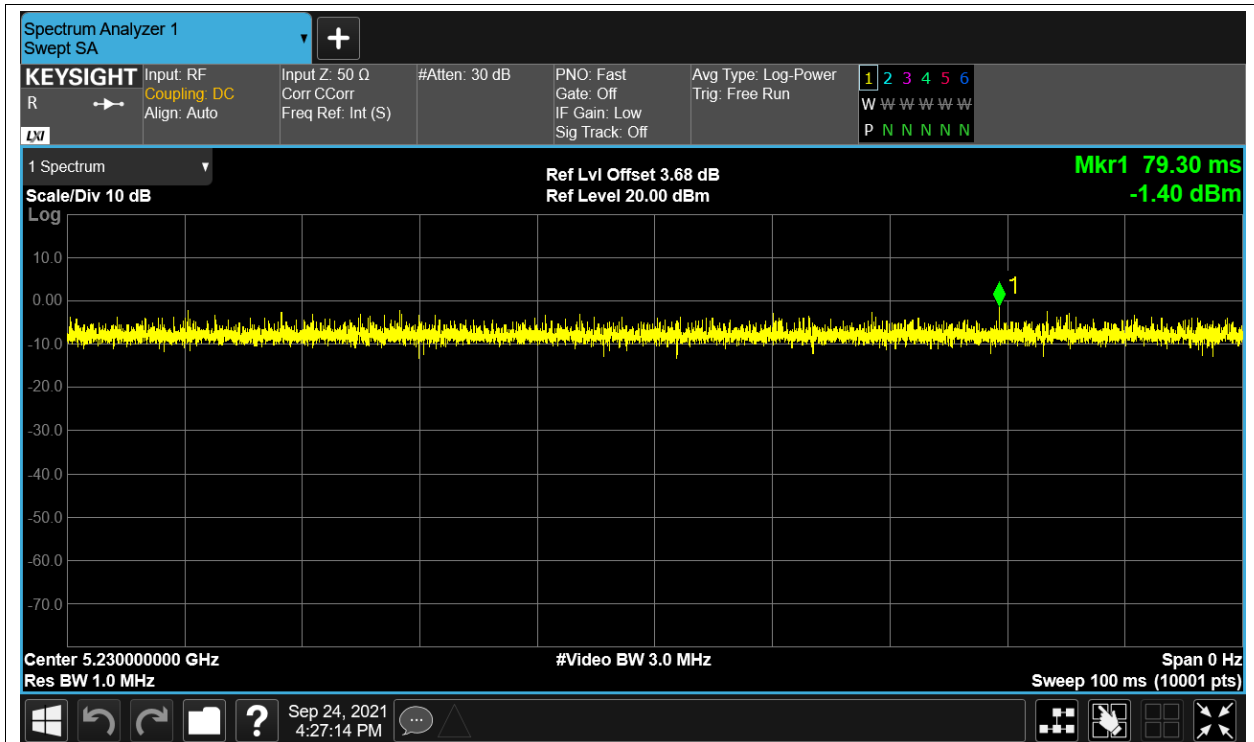
Duty Cycle NVNT ax20 5240MHz MIMO



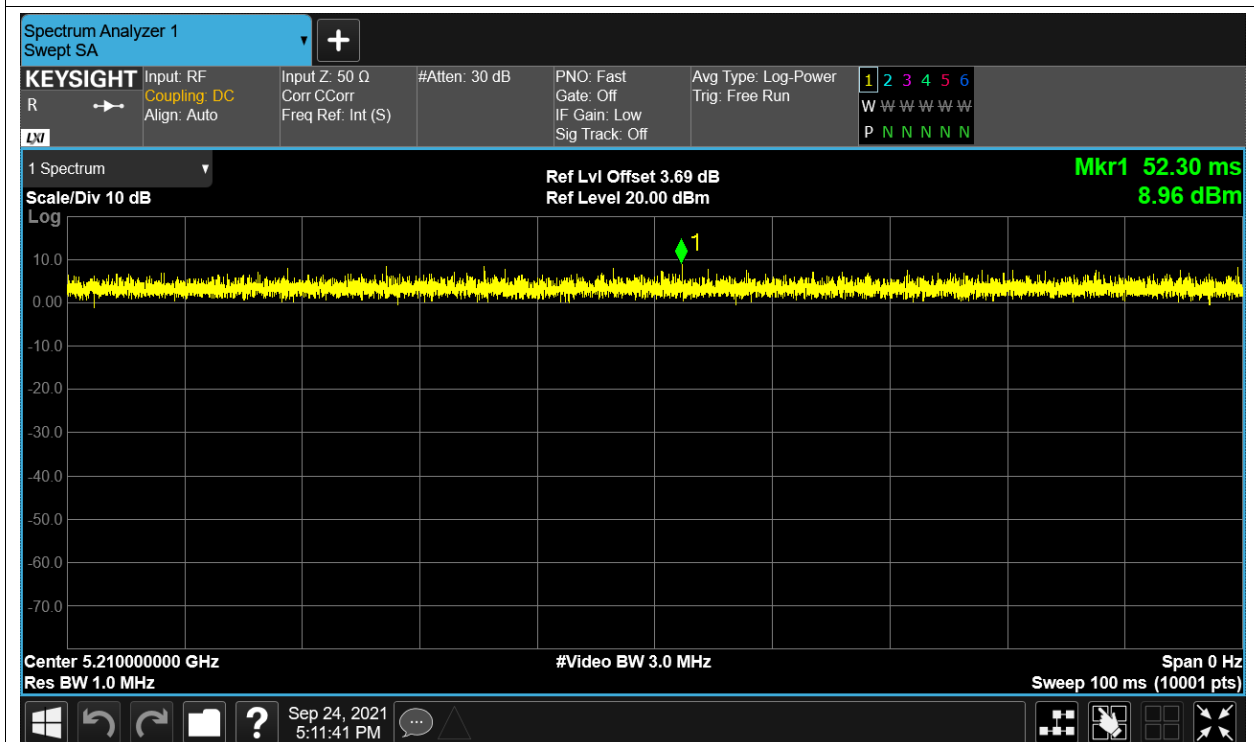
Duty Cycle NVNT ax40 5190MHz MIMO



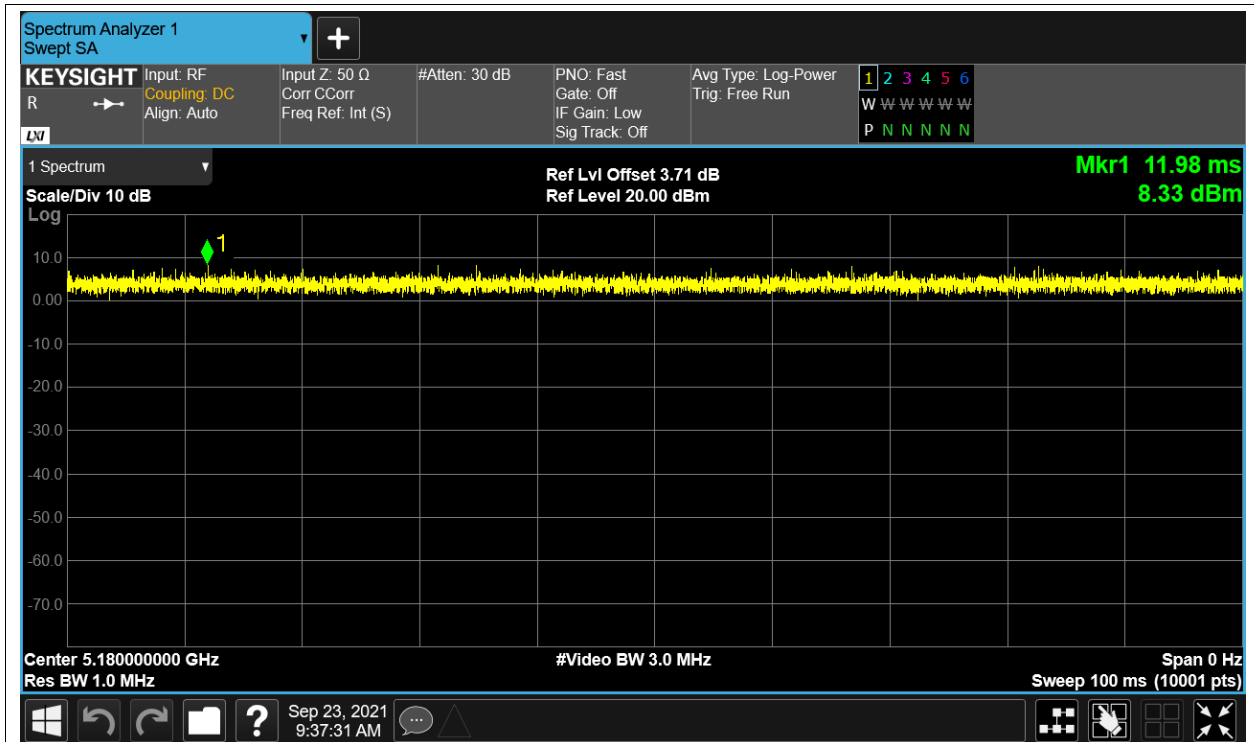
Duty Cycle NVNT ax40 5230MHz MIMO



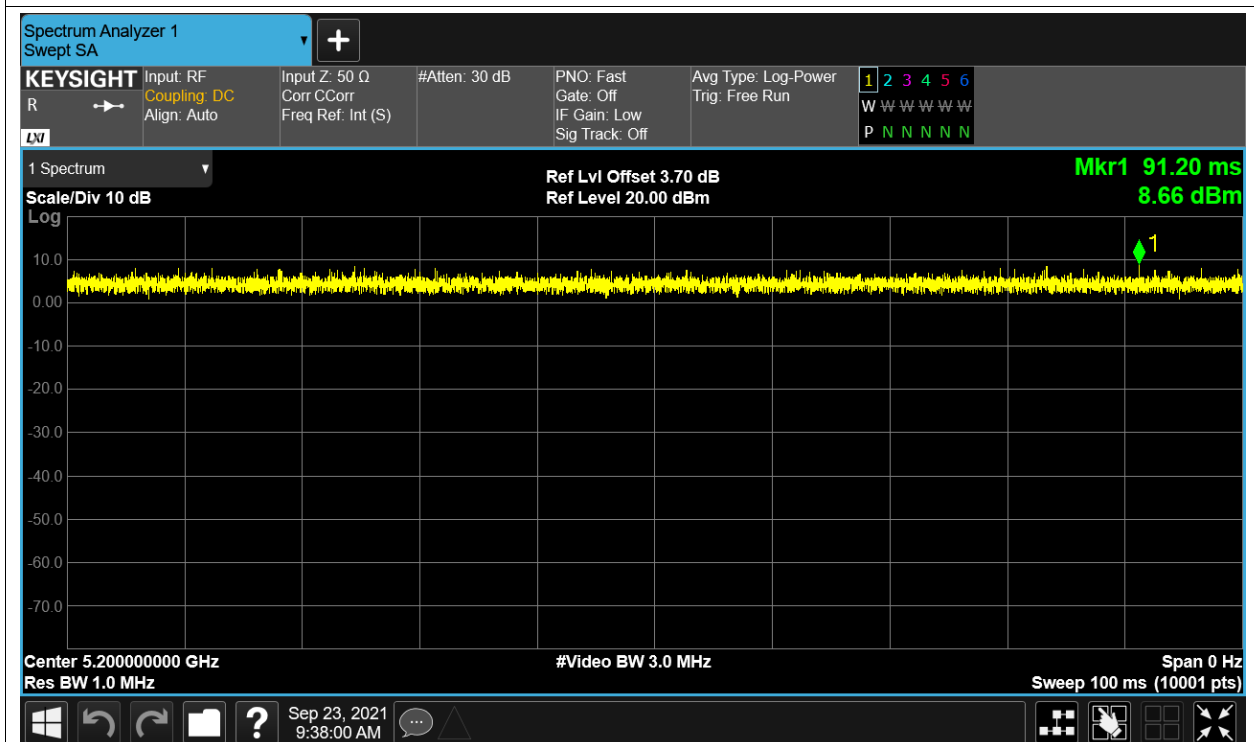
Duty Cycle NVNT ax80 5210MHz MIMO



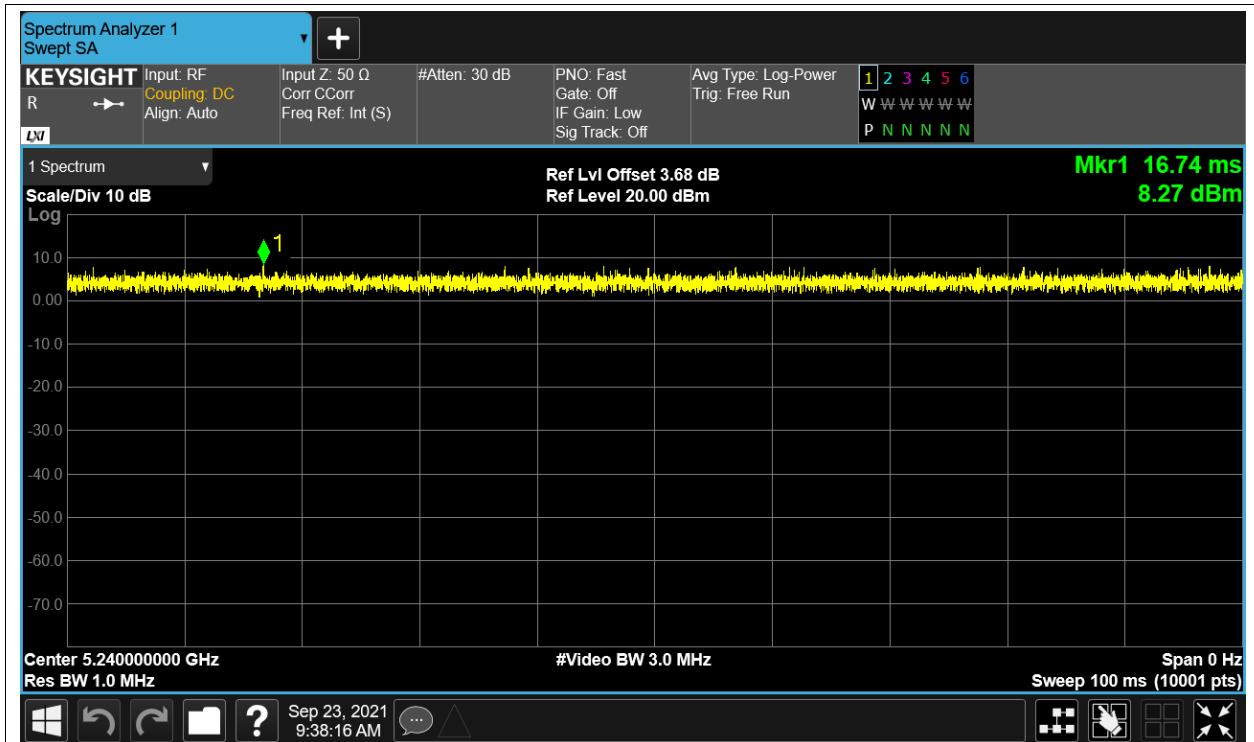
Duty Cycle NVNT n20 5180MHz MIMO



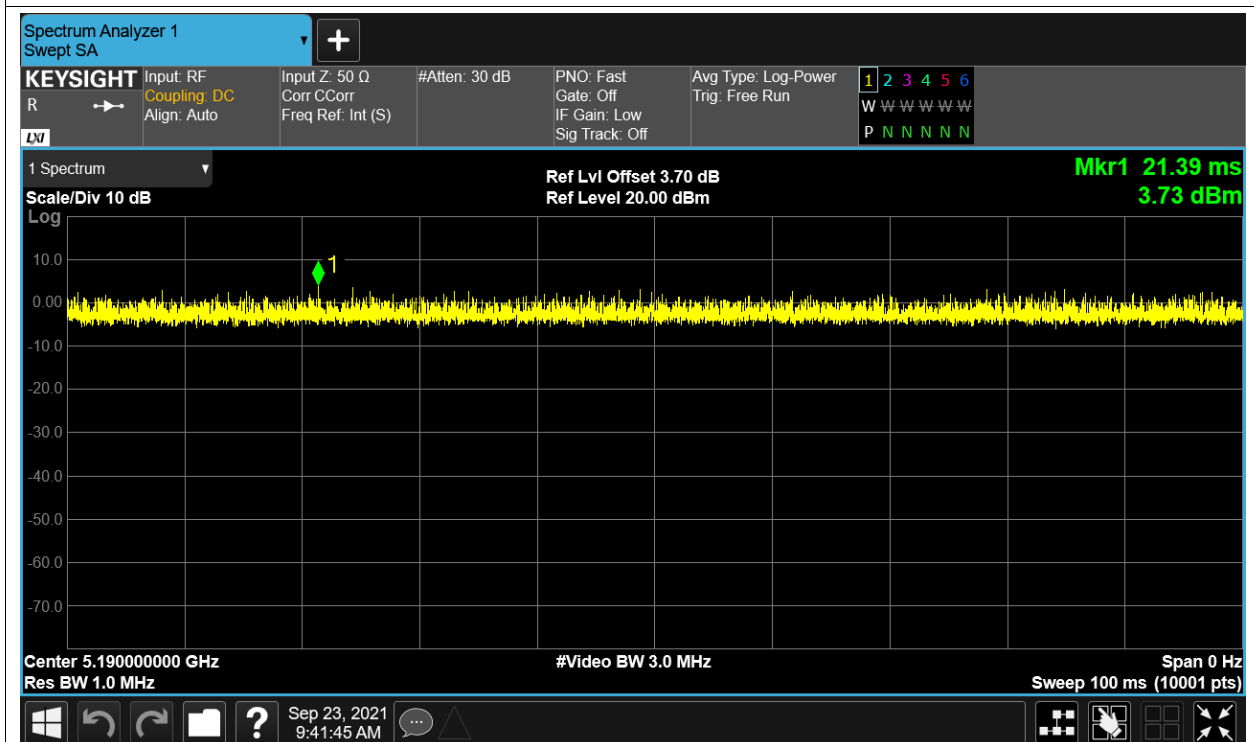
Duty Cycle NVNT n20 5200MHz MIMO



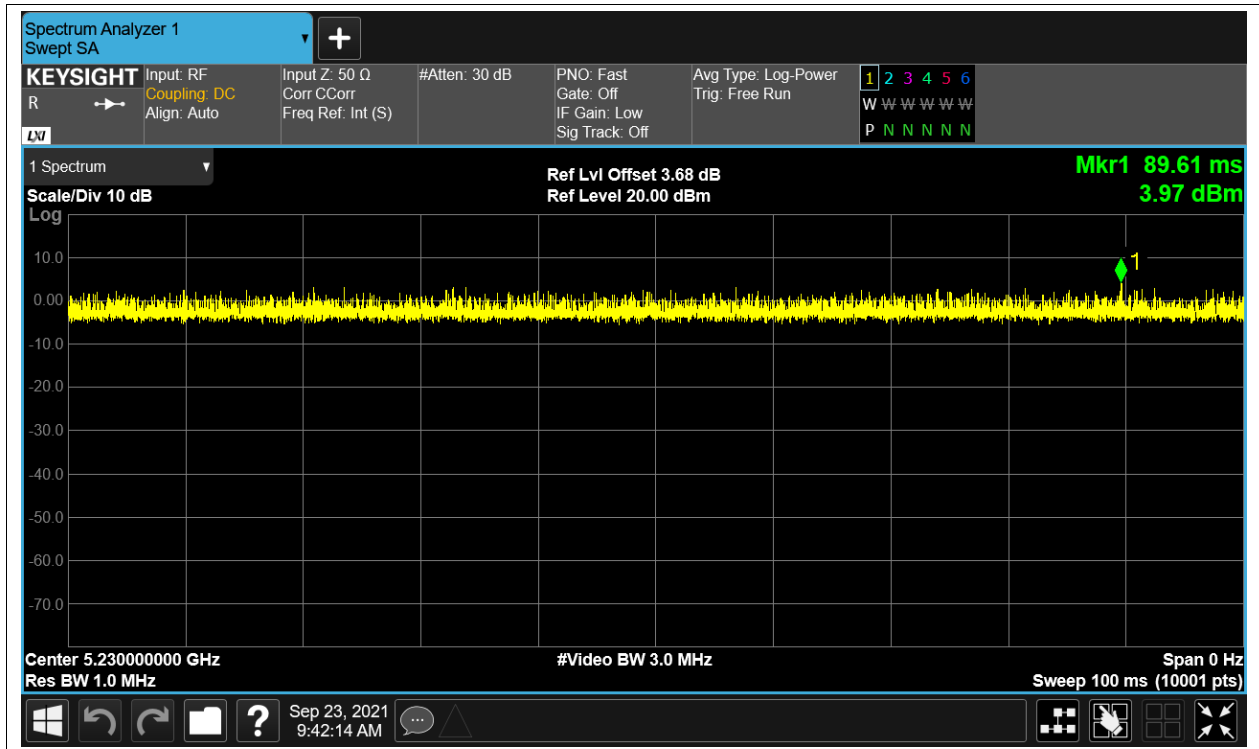
Duty Cycle NVNT n20 5240MHz MIMO



Duty Cycle NVNT n40 5190MHz MIMO



Duty Cycle NVNT n40 5230MHz MIMO



Maximum Conducted Output Power

Condition	Mode	Frequency (MHz)	Antenna	Conducted Power (dBm)	Duty Factor (dB)	Total Power (dBm)	Limit (dBm)	Verdict
NVNT	a	5180	ANT1	9.69	0	9.69	24	Pass
NVNT	a	5200	ANT1	10.49	0	10.49	24	Pass
NVNT	a	5240	ANT1	9.82	0	9.82	24	Pass
NVNT	a	5180	ANT2	11.61	0	11.61	24	Pass
NVNT	a	5200	ANT2	10.72	0	10.72	24	Pass
NVNT	a	5240	ANT2	11.74	0	11.74	24	Pass
NVNT	ac20	5180	ANT1	11.79	0	11.79	24	Pass
NVNT	ac20	5180	ANT2	11.64	0	11.64	24	Pass
NVNT	ac20	5180	MIMO	14.726	0	14.726	24	Pass
NVNT	ac20	5200	ANT1	10.2	0	10.2	24	Pass
NVNT	ac20	5200	ANT2	8.12	0	8.12	24	Pass
NVNT	ac20	5200	MIMO	12.294	0	12.294	24	Pass
NVNT	ac20	5240	ANT1	9.91	0	9.91	24	Pass
NVNT	ac20	5240	ANT2	10.06	0	10.06	24	Pass
NVNT	ac20	5240	MIMO	12.996	0	12.996	24	Pass
NVNT	ac40	5190	ANT1	9.83	0	9.83	24	Pass
NVNT	ac40	5190	ANT2	9.5	0	9.5	24	Pass
NVNT	ac40	5190	MIMO	12.678	0	12.678	24	Pass
NVNT	ac40	5230	ANT1	10.78	0	10.78	24	Pass
NVNT	ac40	5230	ANT2	10.56	0	10.56	24	Pass
NVNT	ac40	5230	MIMO	13.682	0	13.682	24	Pass
NVNT	ac80	5210	ANT1	11.4	0	11.4	24	Pass
NVNT	ac80	5210	ANT2	10.75	0	10.75	24	Pass
NVNT	ac80	5210	MIMO	14.097	0	14.097	24	Pass
NVNT	ax20	5180	ANT1	12.33	0	12.33	24	Pass
NVNT	ax20	5180	ANT2	11.06	0	11.06	24	Pass
NVNT	ax20	5180	MIMO	14.752	0	14.752	24	Pass
NVNT	ax20	5200	ANT1	9.69	0	9.69	24	Pass
NVNT	ax20	5200	ANT2	8.31	0	8.31	24	Pass
NVNT	ax20	5200	MIMO	12.065	0	12.065	24	Pass
NVNT	ax20	5240	ANT1	8.88	0	8.88	24	Pass
NVNT	ax20	5240	ANT2	8.07	0	8.07	24	Pass
NVNT	ax20	5240	MIMO	11.504	0	11.504	24	Pass
NVNT	ax40	5190	ANT1	9.68	0	9.68	24	Pass
NVNT	ax40	5190	ANT2	7.8	0	7.8	24	Pass
NVNT	ax40	5190	MIMO	11.851	0	11.851	24	Pass
NVNT	ax40	5230	ANT1	11.47	0	11.47	24	Pass
NVNT	ax40	5230	ANT2	10.28	0	10.28	24	Pass

NVNT	ax40	5230	MIMO	13.926	0	13.926	24	Pass
NVNT	ax80	5210	ANT1	9.74	0	9.74	24	Pass
NVNT	ax80	5210	ANT2	8.93	0	8.93	24	Pass
NVNT	ax80	5210	MIMO	12.364	0	12.364	24	Pass
NVNT	n20	5180	ANT1	11.85	0	11.85	24	Pass
NVNT	n20	5180	ANT2	11.7	0	11.7	24	Pass
NVNT	n20	5180	MIMO	14.786	0	14.786	24	Pass
NVNT	n20	5200	ANT1	12.86	0	12.86	24	Pass
NVNT	n20	5200	ANT2	10.92	0	10.92	24	Pass
NVNT	n20	5200	MIMO	15.008	0	15.008	24	Pass
NVNT	n20	5240	ANT1	11.78	0	11.78	24	Pass
NVNT	n20	5240	ANT2	11.89	0	11.89	24	Pass
NVNT	n20	5240	MIMO	14.846	0	14.846	24	Pass
NVNT	n40	5190	ANT1	12.45	0	12.45	24	Pass
NVNT	n40	5190	ANT2	11.44	0	11.44	24	Pass
NVNT	n40	5190	MIMO	14.985	0	14.985	24	Pass
NVNT	n40	5230	ANT1	11.94	0	11.94	24	Pass
NVNT	n40	5230	ANT2	11.63	0	11.63	24	Pass
NVNT	n40	5230	MIMO	14.798	0	14.798	24	Pass

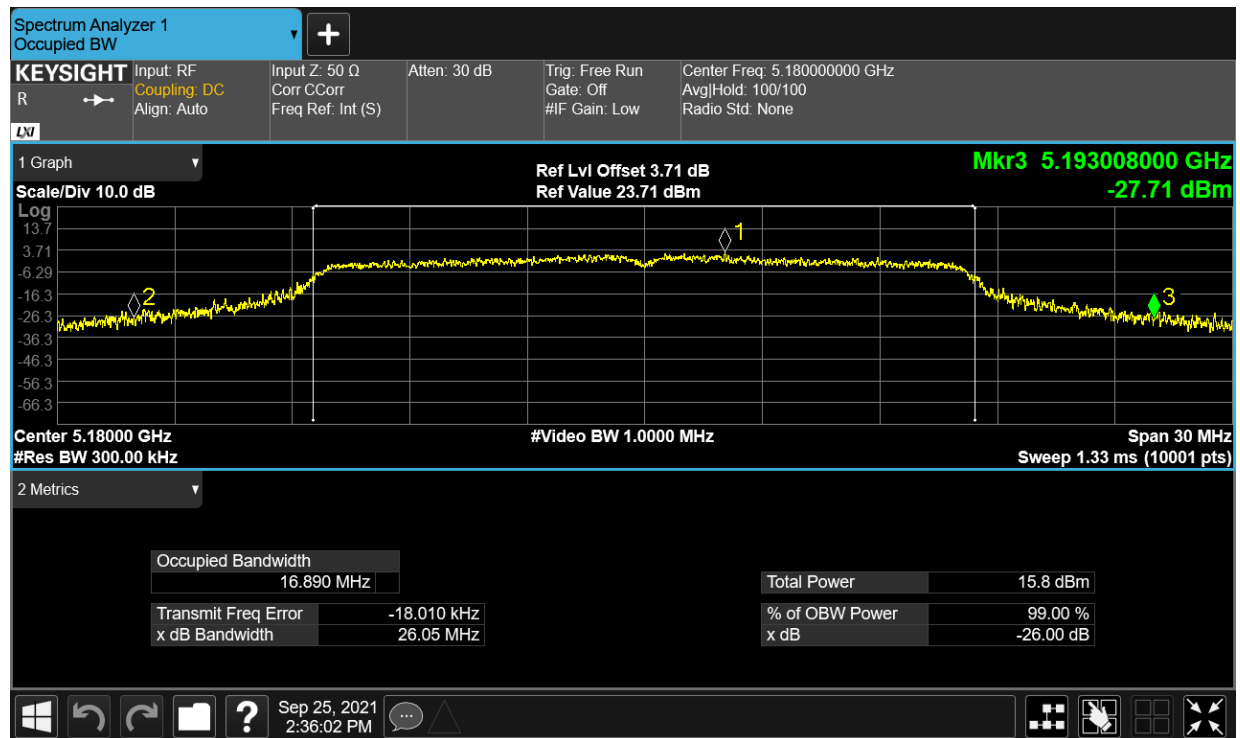
-26dB Bandwidth

Condition	Mode	Frequency (MHz)	Antenna	-26 dB Bandwidth (MHz)	Limit -26 dB Bandwidth (MHz)	Verdict
NVNT	a	5180	ANT1	26.052	0.5	Pass
NVNT	a	5200	ANT1	25.637	0.5	Pass
NVNT	a	5240	ANT1	24.567	0.5	Pass
NVNT	a	5180	ANT2	24.881	0.5	Pass
NVNT	a	5200	ANT2	25.602	0.5	Pass
NVNT	a	5240	ANT2	22.977	0.5	Pass
NVNT	ac20	5180	ANT1	26.146	0.5	Pass
NVNT	ac20	5180	ANT2	24.025	0.5	Pass
NVNT	ac20	5200	ANT1	26.322	0.5	Pass
NVNT	ac20	5200	ANT2	24.565	0.5	Pass
NVNT	ac20	5240	ANT1	27.501	0.5	Pass
NVNT	ac20	5240	ANT2	23.642	0.5	Pass
NVNT	ac40	5190	ANT1	39.613	0.5	Pass
NVNT	ac40	5190	ANT2	39.199	0.5	Pass
NVNT	ac40	5230	ANT1	39.444	0.5	Pass
NVNT	ac40	5230	ANT2	38.893	0.5	Pass
NVNT	ac80	5210	ANT1	78.855	0.5	Pass
NVNT	ac80	5210	ANT2	78.484	0.5	Pass
NVNT	ax20	5180	ANT1	25.061	0.5	Pass
NVNT	ax20	5180	ANT2	21.105	0.5	Pass
NVNT	ax20	5200	ANT1	21.154	0.5	Pass
NVNT	ax20	5200	ANT2	20.17	0.5	Pass
NVNT	ax20	5240	ANT1	21.594	0.5	Pass
NVNT	ax20	5240	ANT2	21.396	0.5	Pass
NVNT	ax40	5190	ANT1	39.848	0.5	Pass
NVNT	ax40	5190	ANT2	41.595	0.5	Pass
NVNT	ax40	5230	ANT1	40.545	0.5	Pass
NVNT	ax40	5230	ANT2	39.168	0.5	Pass
NVNT	ax80	5210	ANT1	80.793	0.5	Pass
NVNT	ax80	5210	ANT2	79.752	0.5	Pass
NVNT	n20	5180	ANT1	27.958	0.5	Pass
NVNT	n20	5180	ANT2	23.819	0.5	Pass
NVNT	n20	5200	ANT1	26.229	0.5	Pass
NVNT	n20	5200	ANT2	24.908	0.5	Pass
NVNT	n20	5240	ANT1	25.068	0.5	Pass
NVNT	n20	5240	ANT2	25.073	0.5	Pass
NVNT	n40	5190	ANT1	39.377	0.5	Pass
NVNT	n40	5190	ANT2	39.517	0.5	Pass
NVNT	n40	5230	ANT1	39.931	0.5	Pass

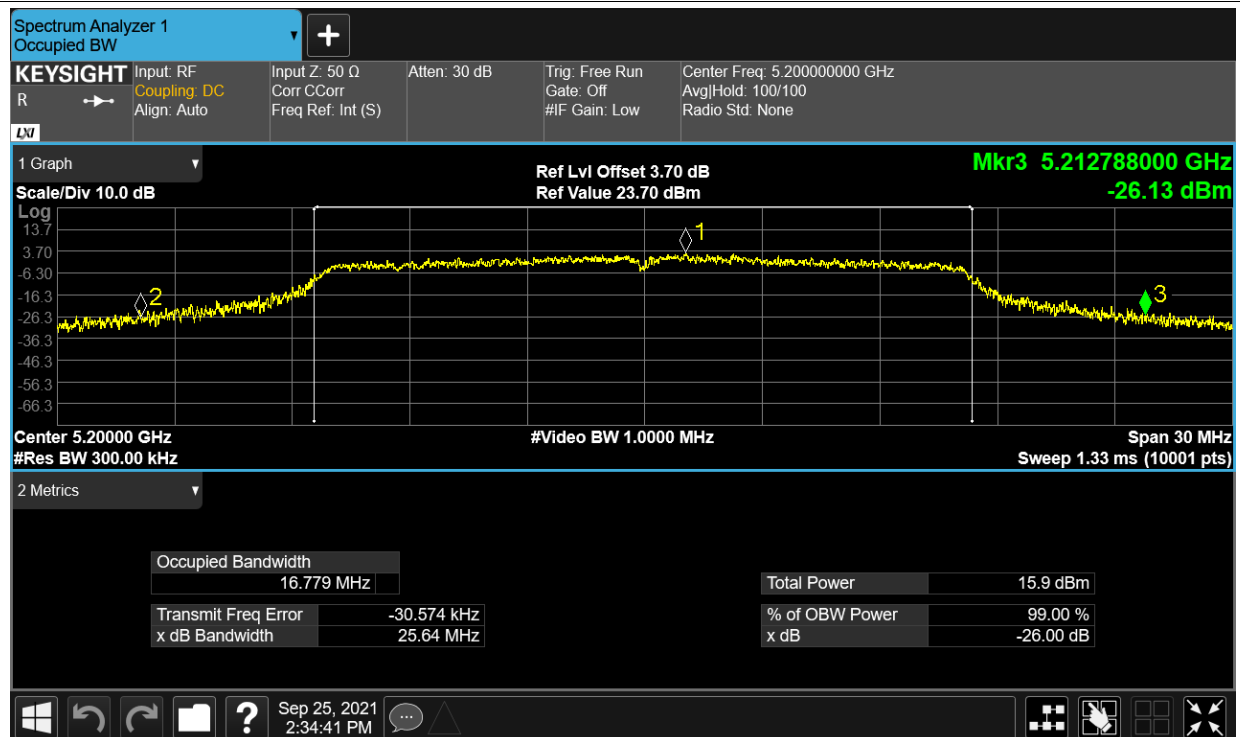
NVNT	n40	5230	ANT2	39.265	0.5	Pass
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Test Graphs

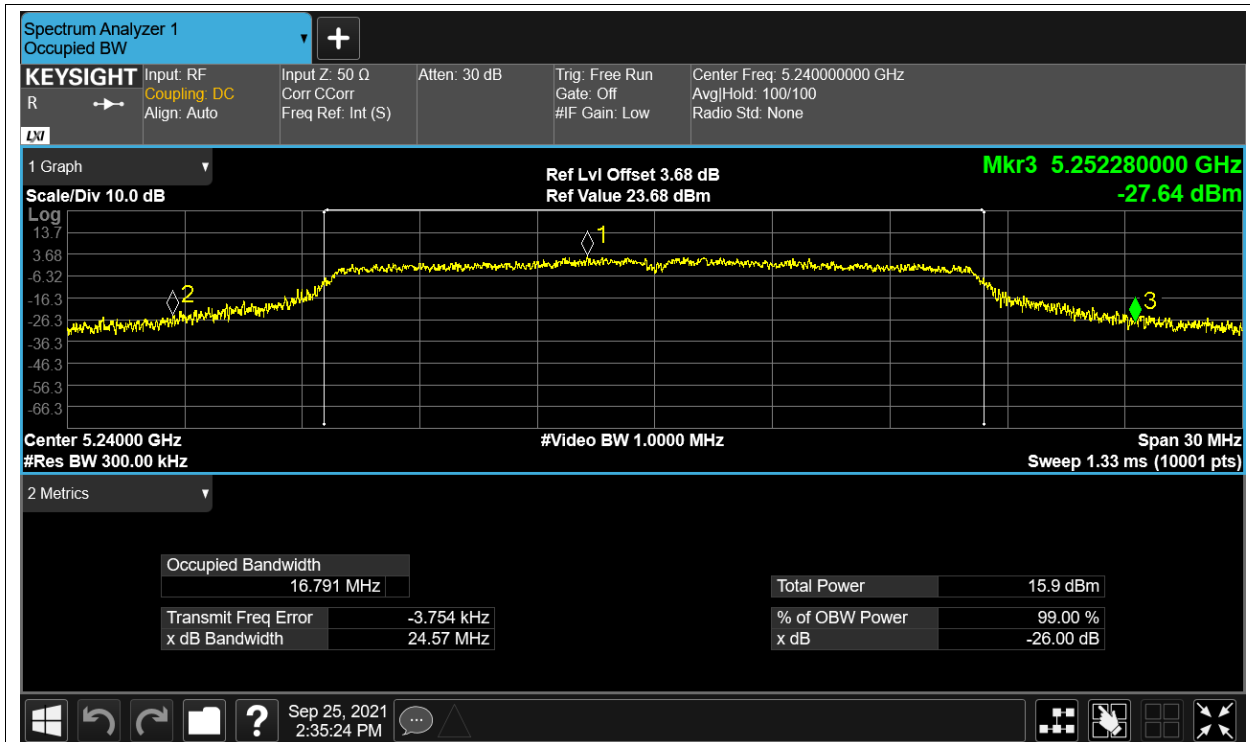
-26dB Bandwidth NVNT a 5180MHz ANT1



-26dB Bandwidth NVNT a 5200MHz ANT1



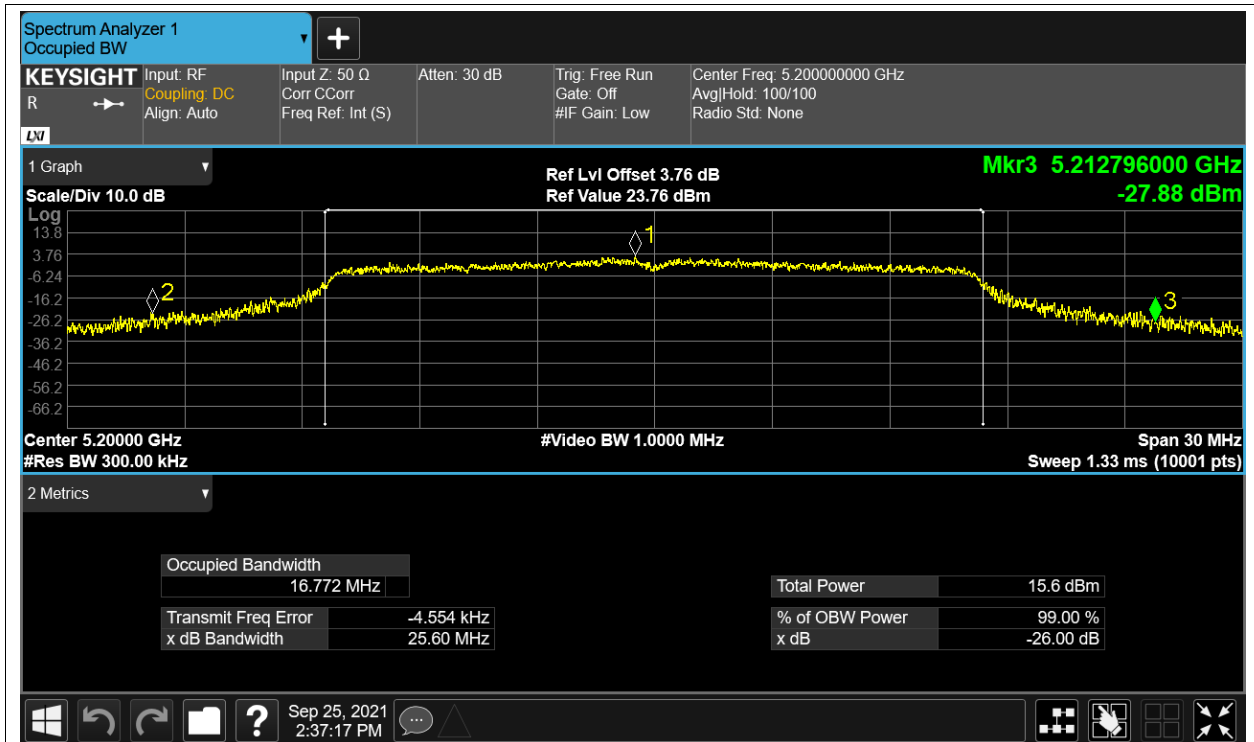
-26dB Bandwidth NVNT a 5240MHz ANT1



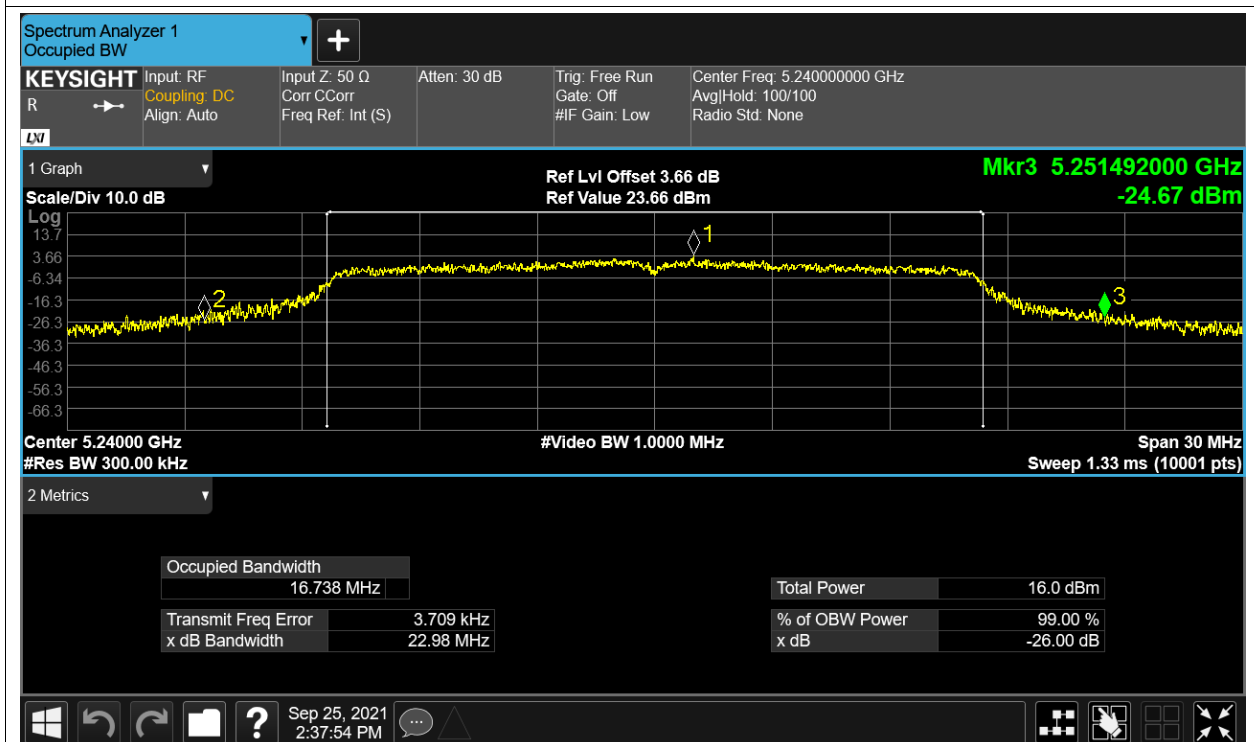
-26dB Bandwidth NVNT a 5180MHz ANT2



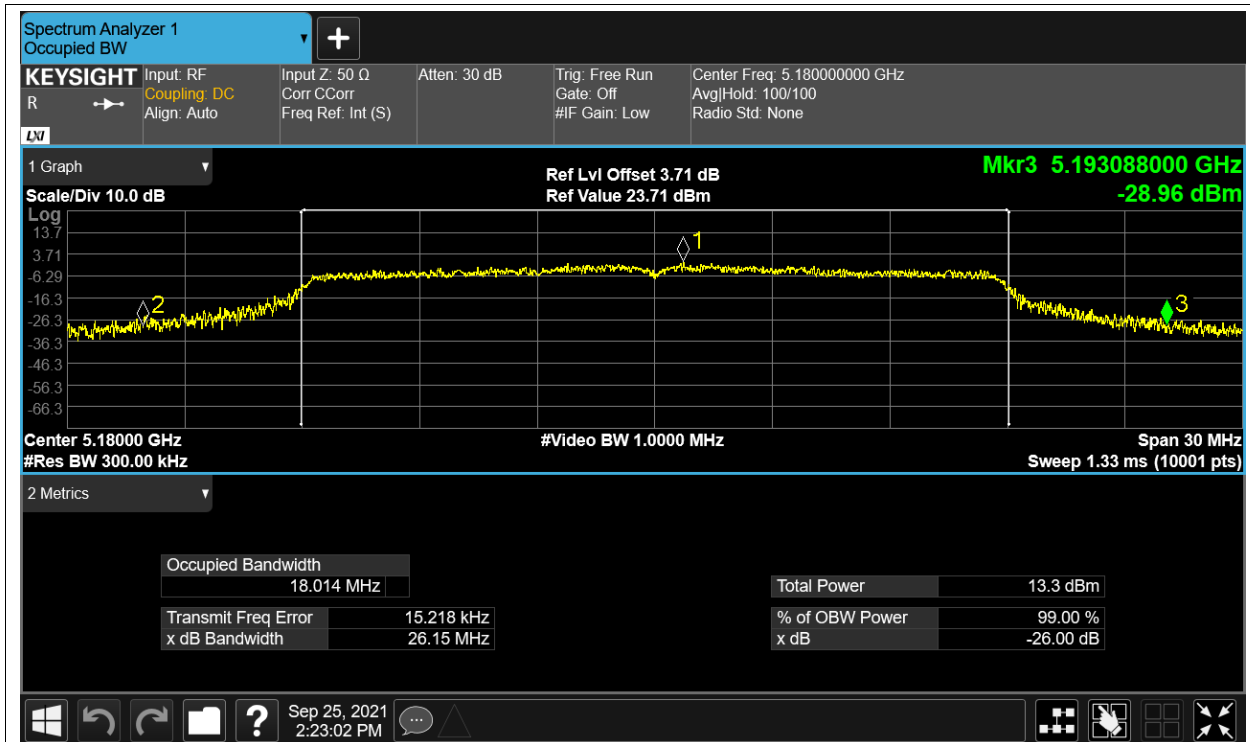
-26dB Bandwidth NVNT a 5200MHz ANT2



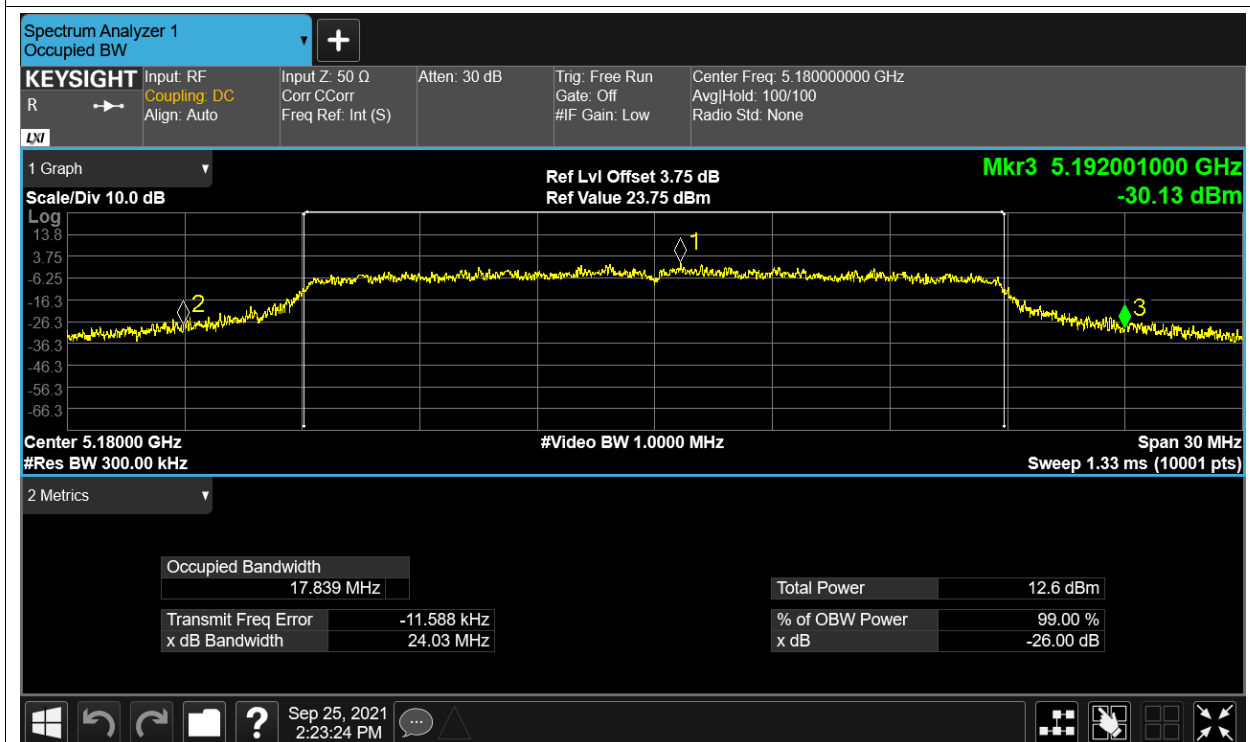
-26dB Bandwidth NVNT a 5240MHz ANT2



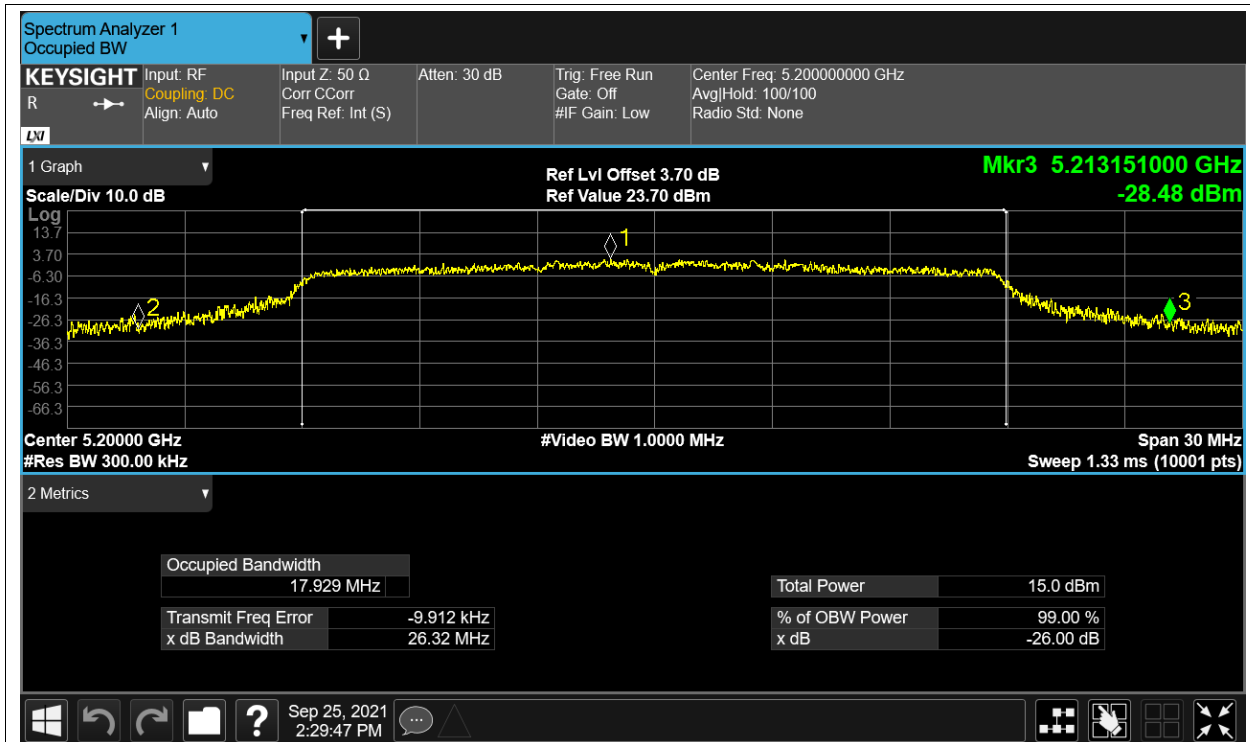
-26dB Bandwidth NVNT ac20 5180MHz ANT1



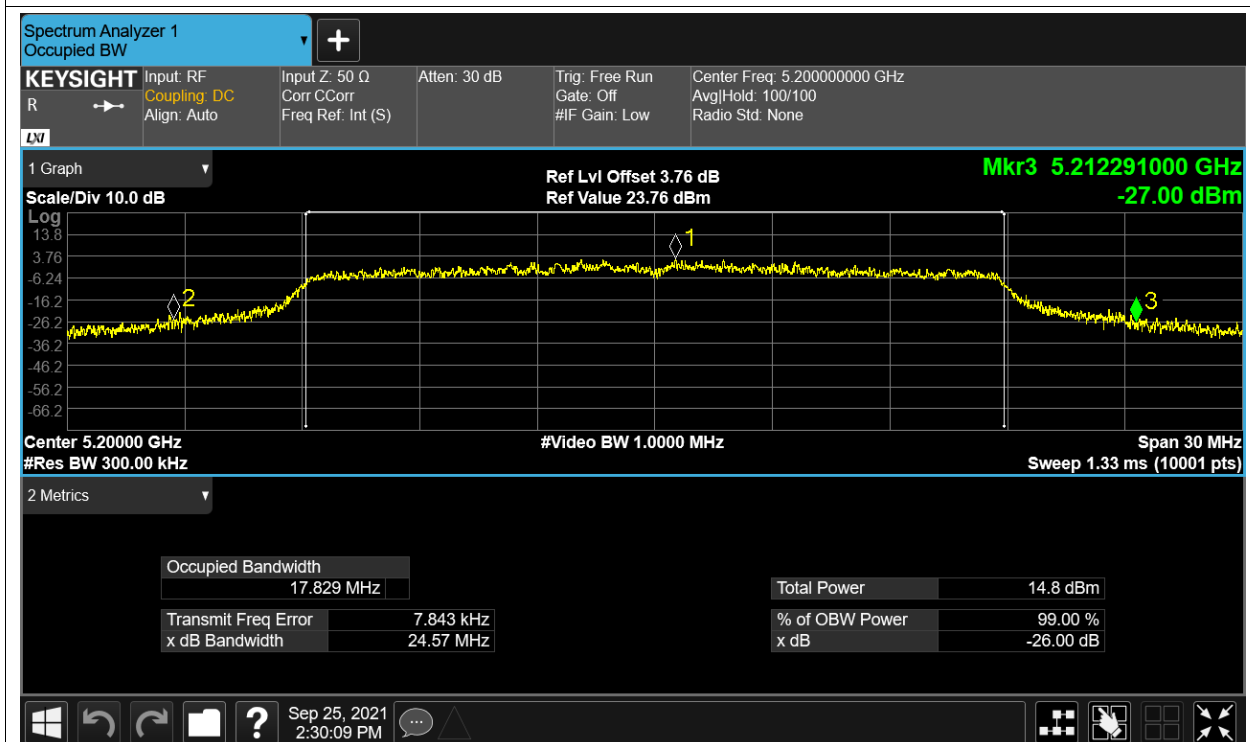
-26dB Bandwidth NVNT ac20 5180MHz ANT2



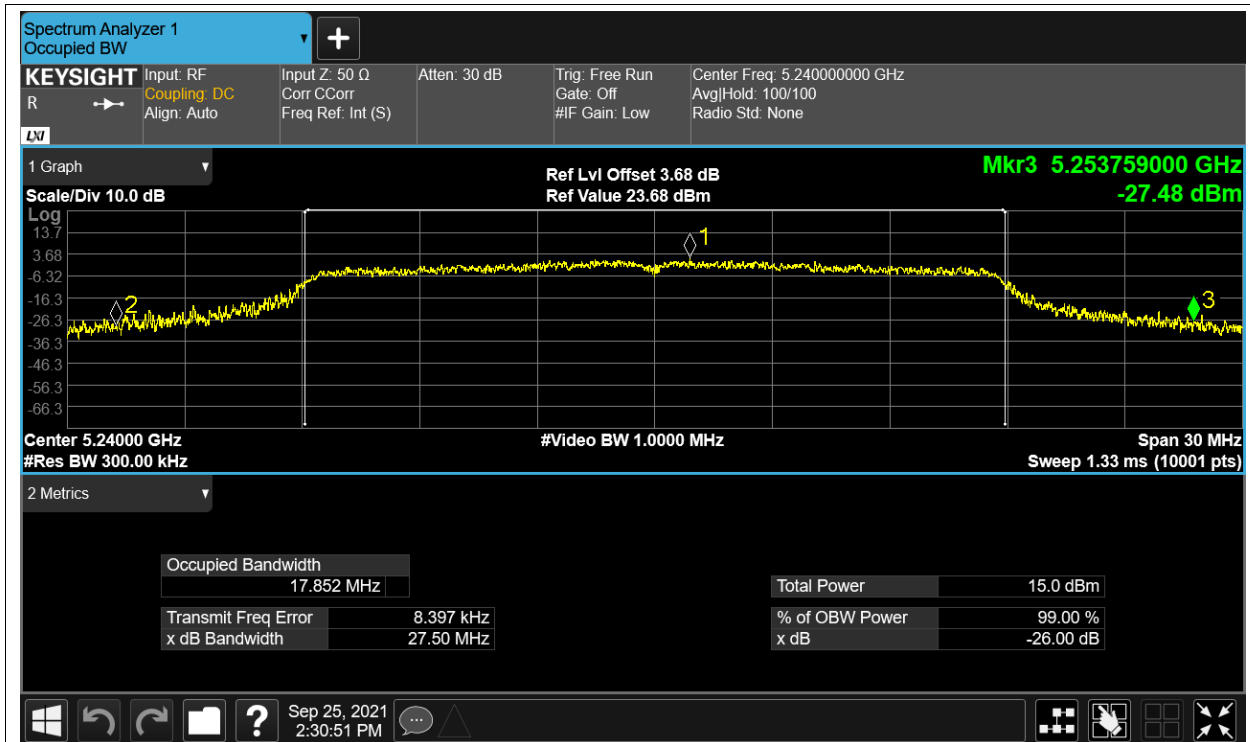
-26dB Bandwidth NVNT ac20 5200MHz ANT1



-26dB Bandwidth NVNT ac20 5200MHz ANT2



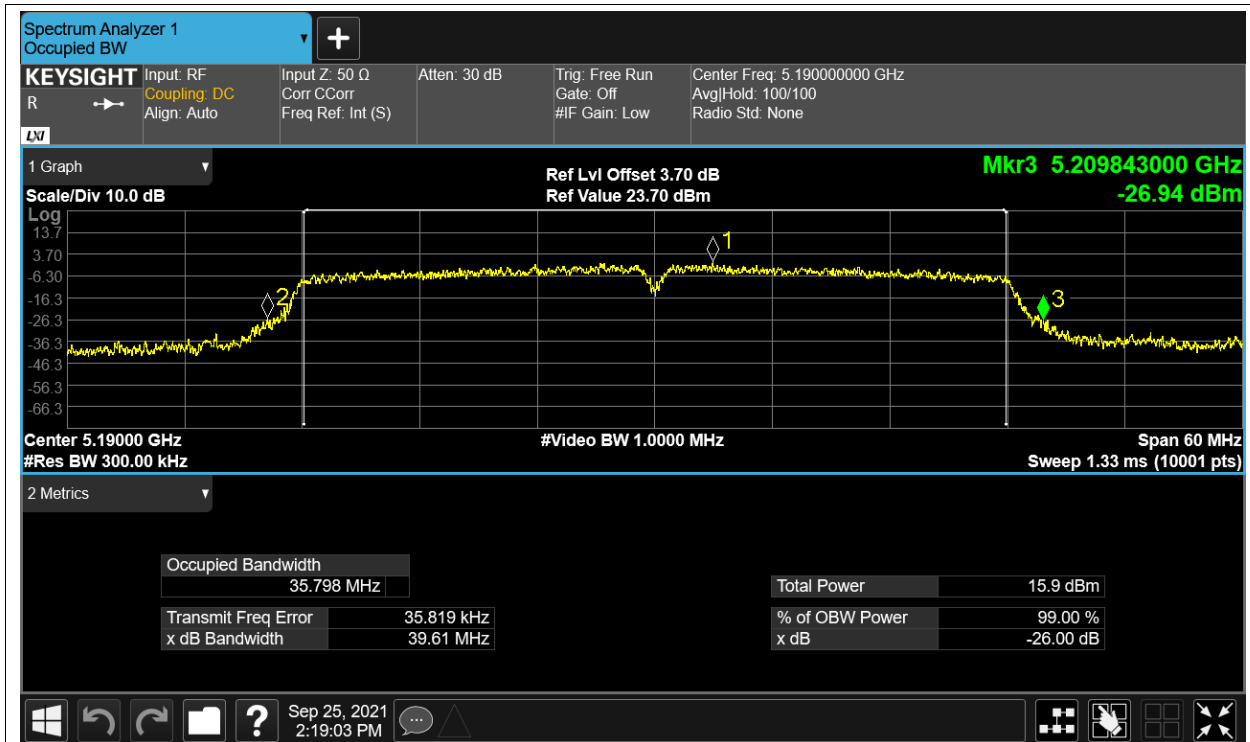
-26dB Bandwidth NVNT ac20 5240MHz ANT1



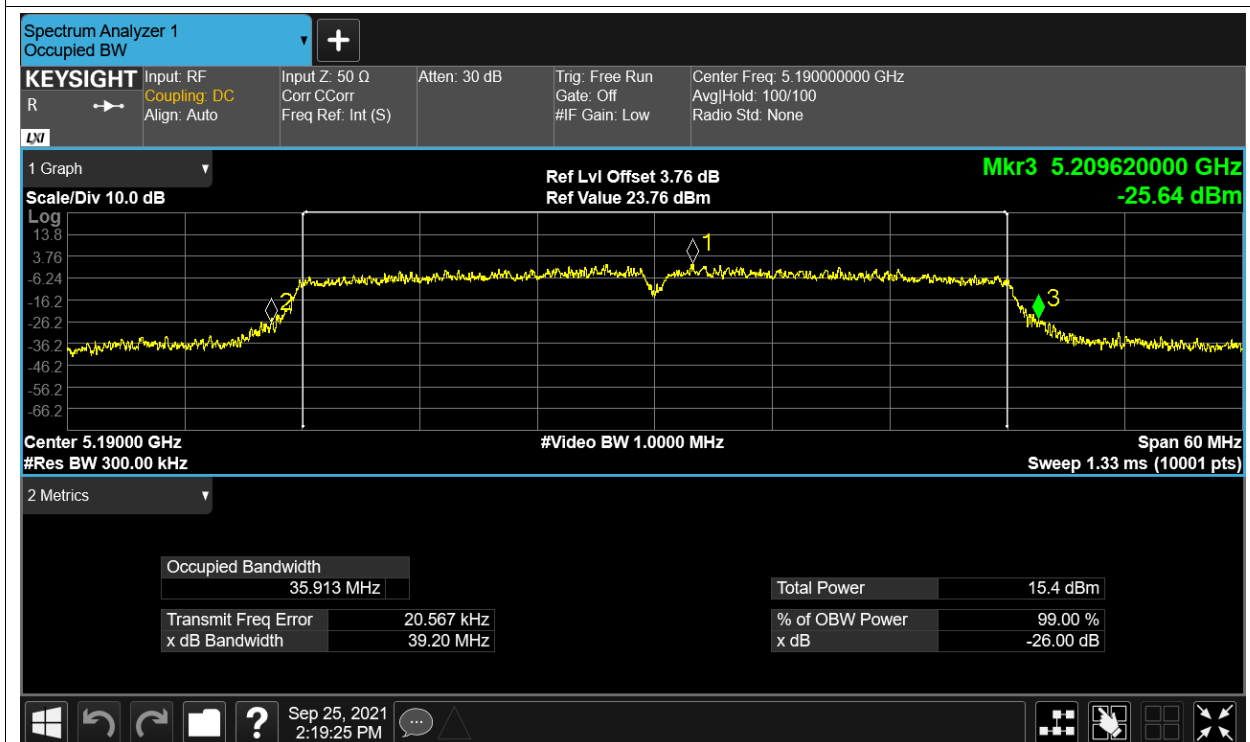
-26dB Bandwidth NVNT ac20 5240MHz ANT2



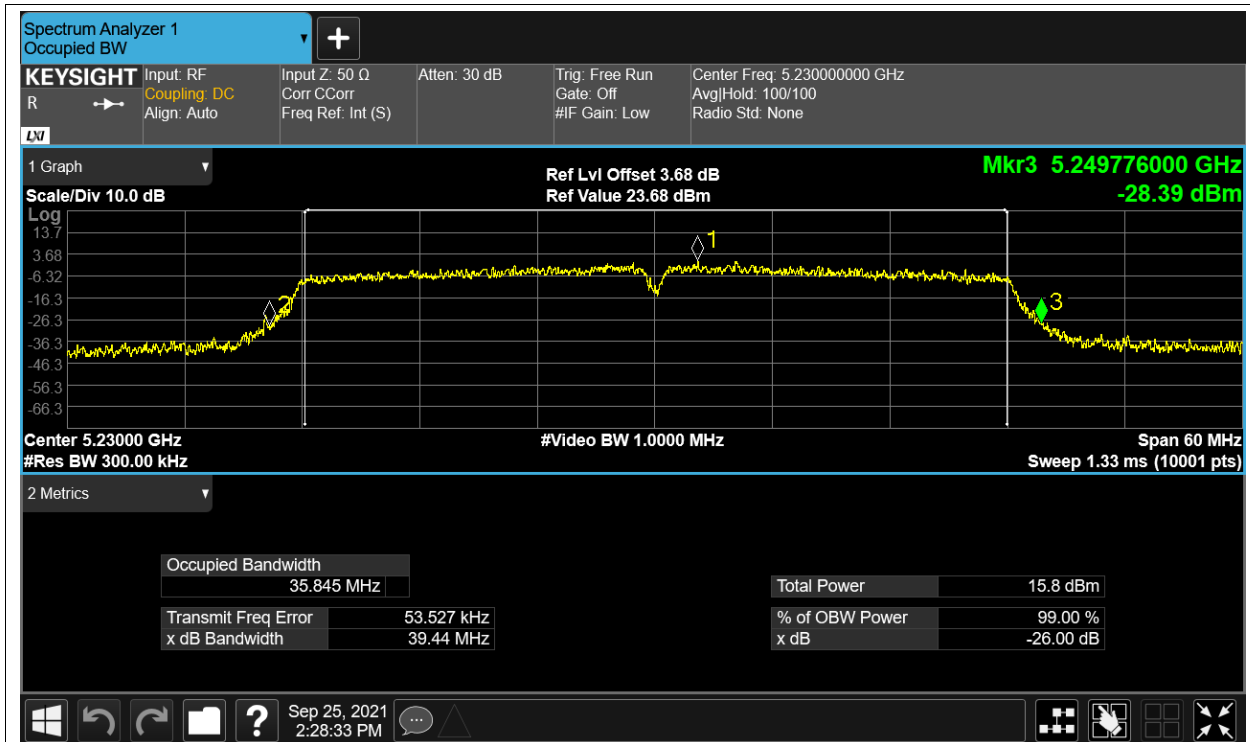
-26dB Bandwidth NVNT ac40 5190MHz ANT1



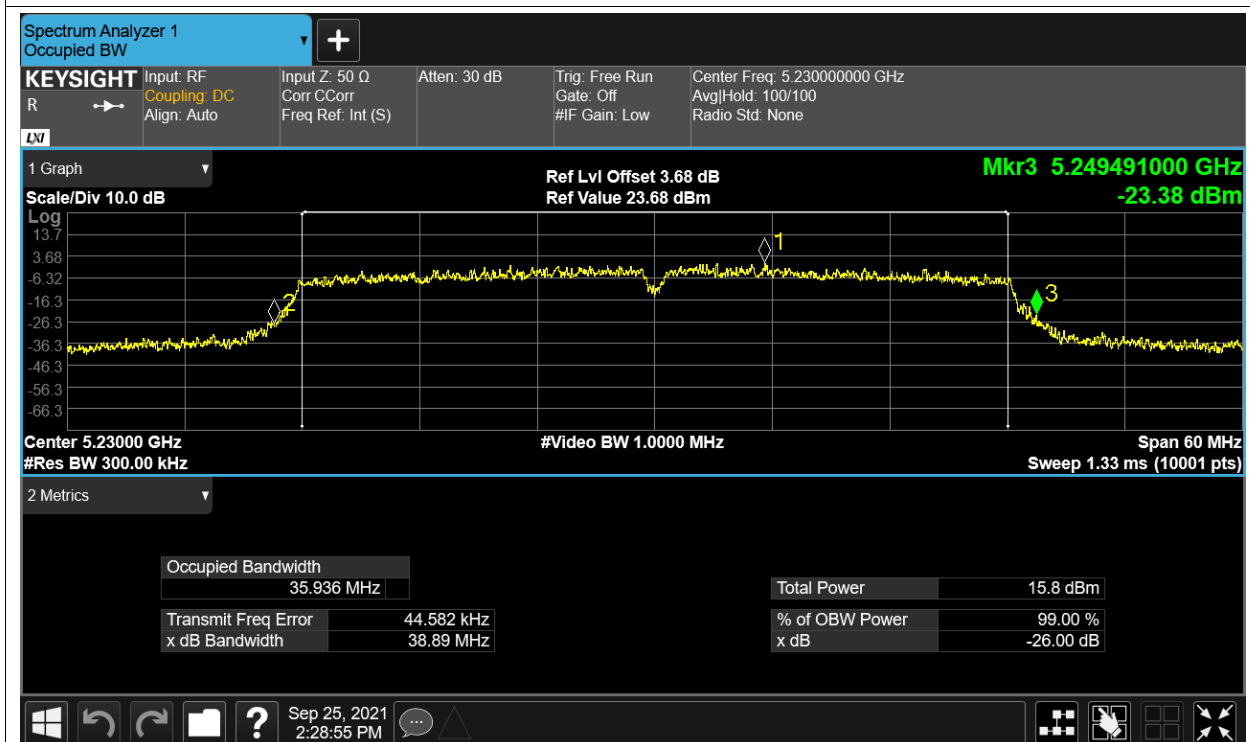
-26dB Bandwidth NVNT ac40 5190MHz ANT2



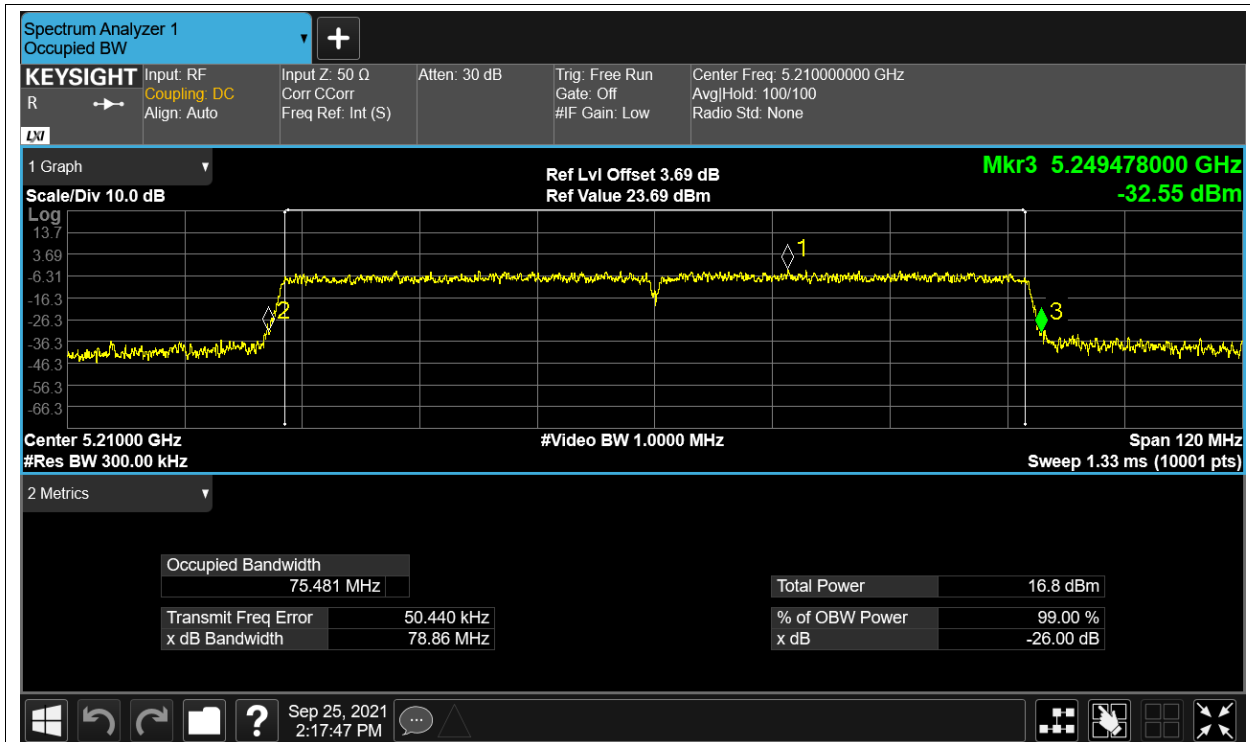
-26dB Bandwidth NVNT ac40 5230MHz ANT1



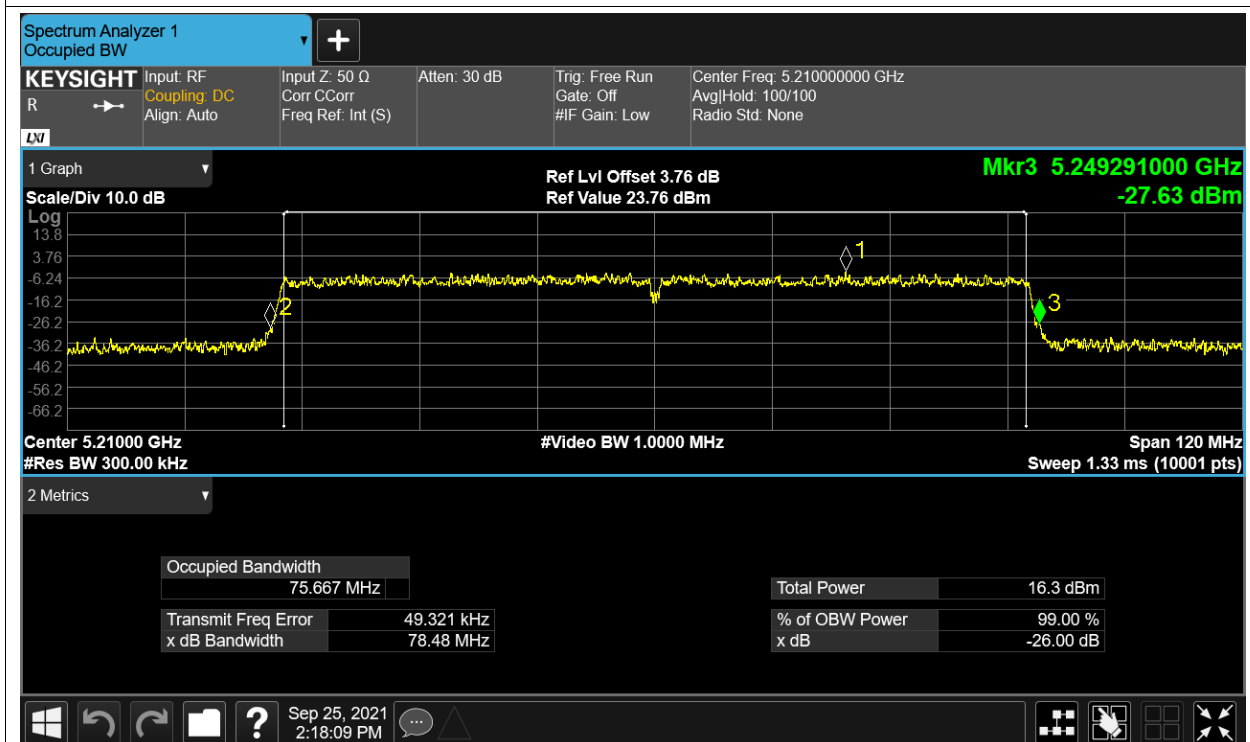
-26dB Bandwidth NVNT ac40 5230MHz ANT2



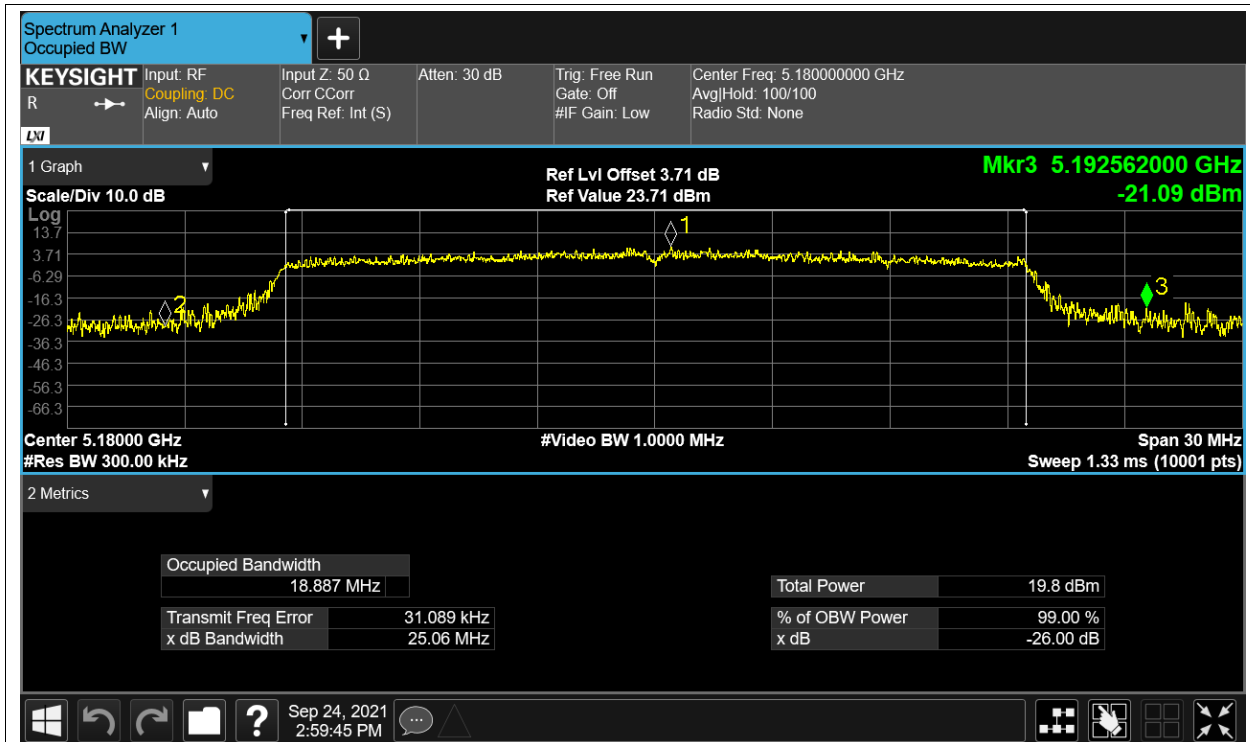
-26dB Bandwidth NVNT ac80 5210MHz ANT1



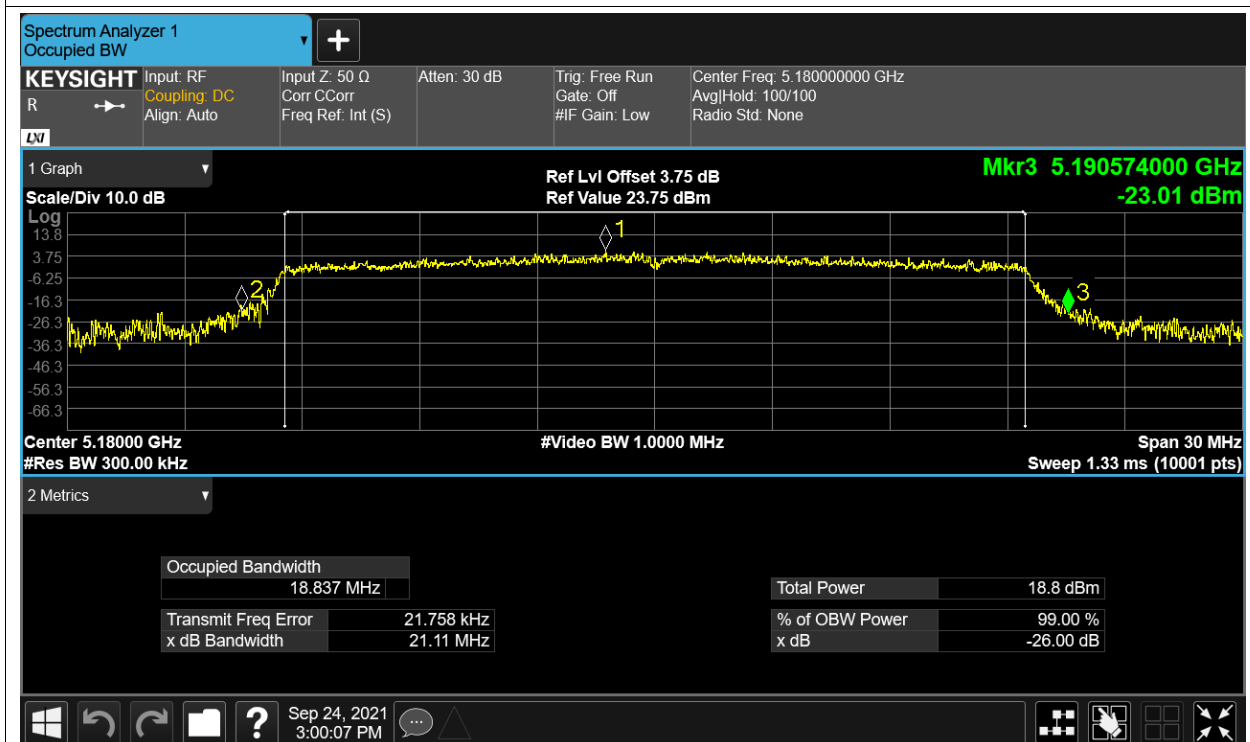
-26dB Bandwidth NVNT ac80 5210MHz ANT2



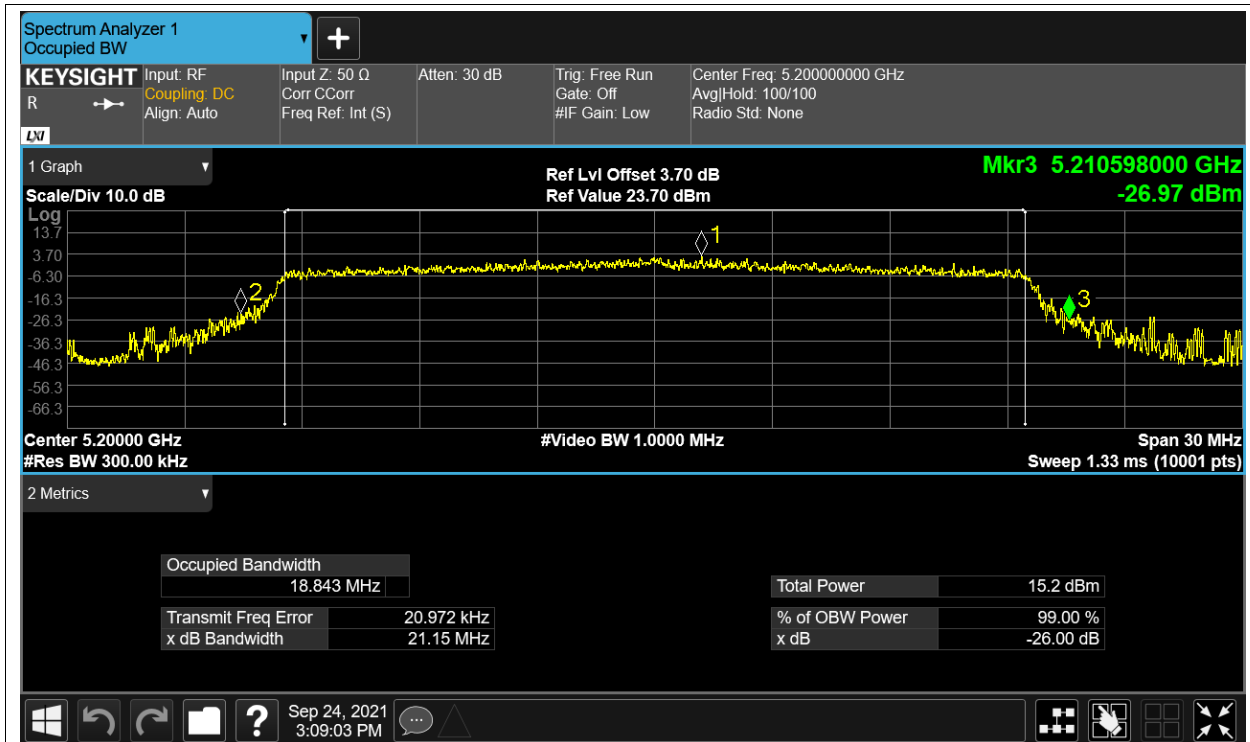
-26dB Bandwidth NVNT ax20 5180MHz ANT1



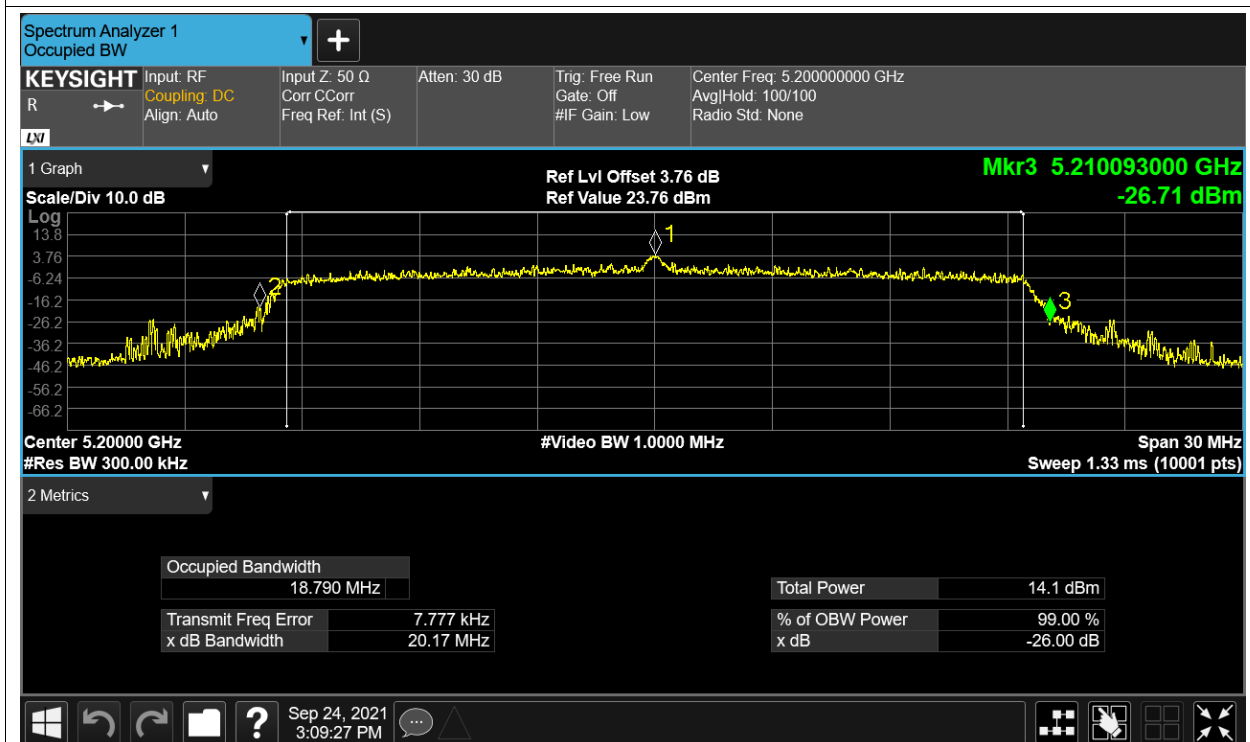
-26dB Bandwidth NVNT ax20 5180MHz ANT2



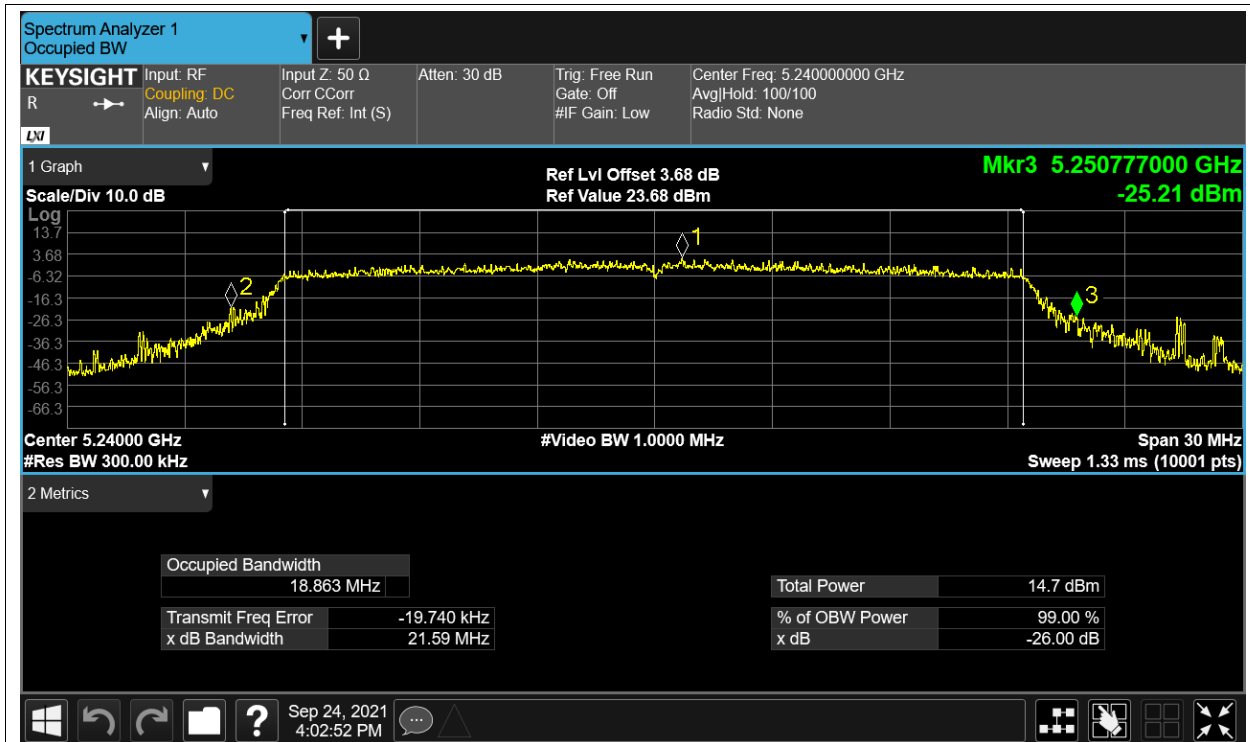
-26dB Bandwidth NVNT ax20 5200MHz ANT1



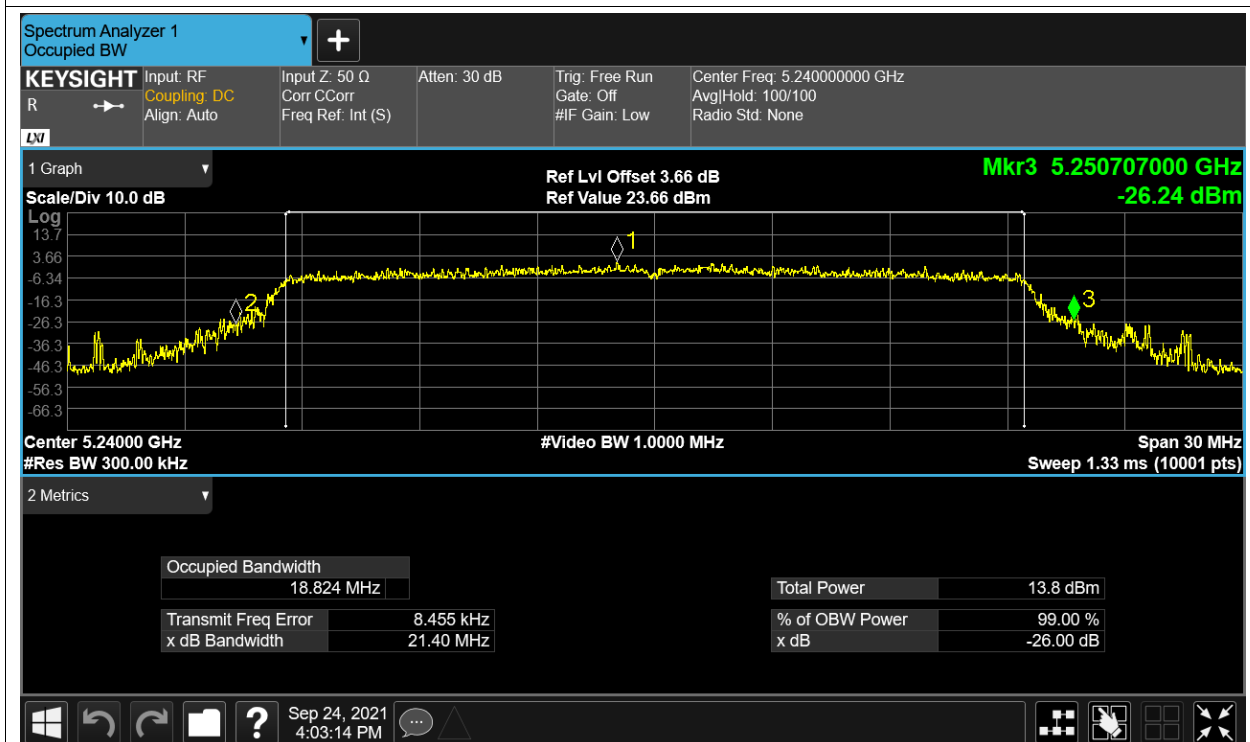
-26dB Bandwidth NVNT ax20 5200MHz ANT2



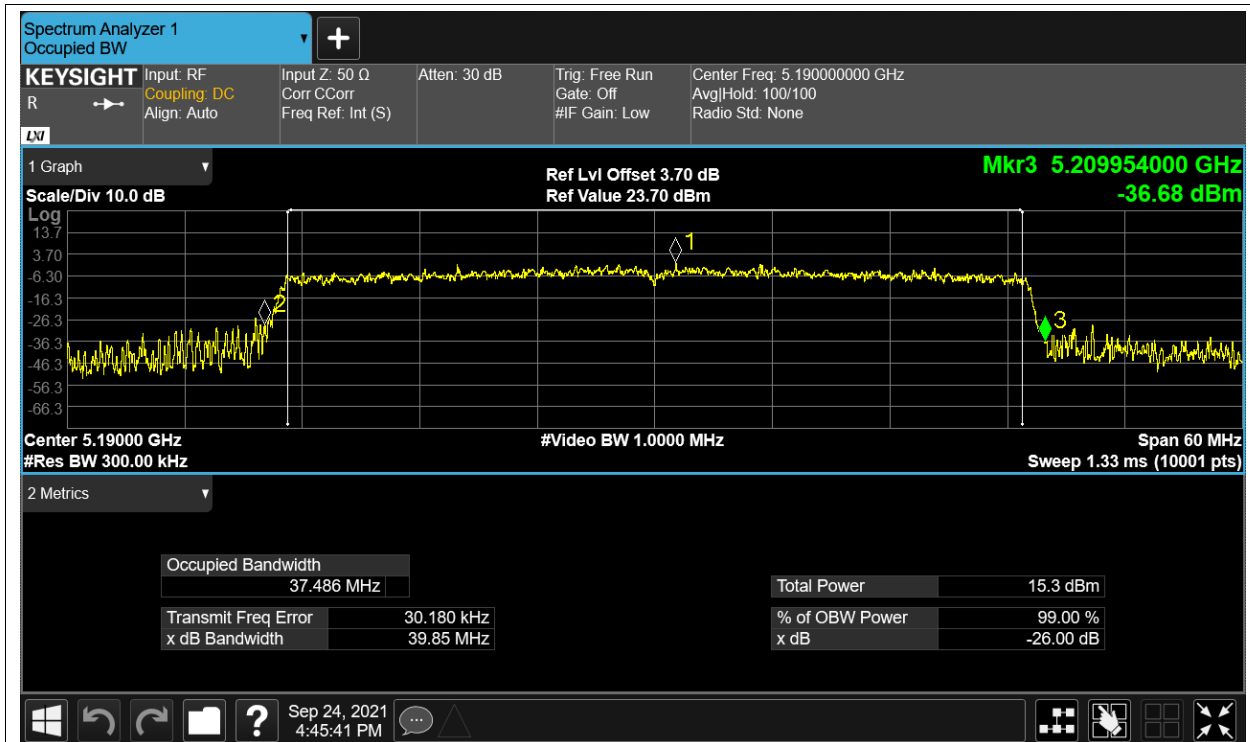
-26dB Bandwidth NVNT ax20 5240MHz ANT1



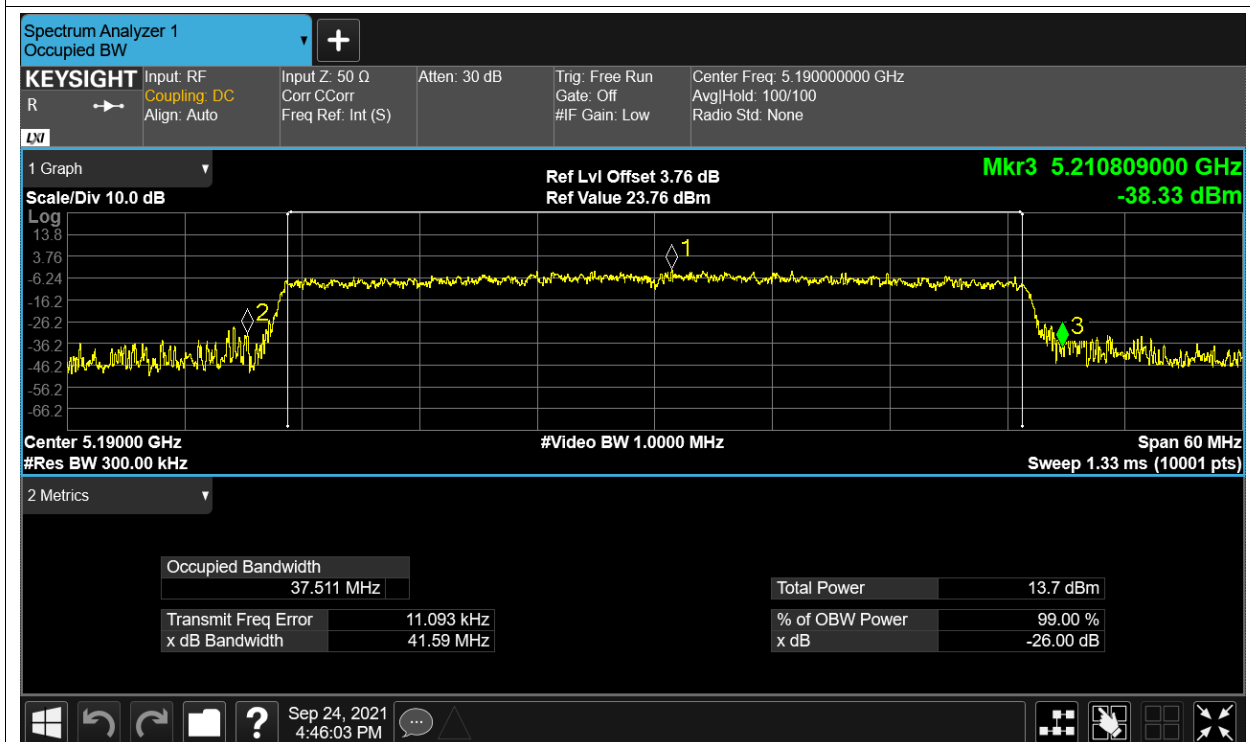
-26dB Bandwidth NVNT ax20 5240MHz ANT2



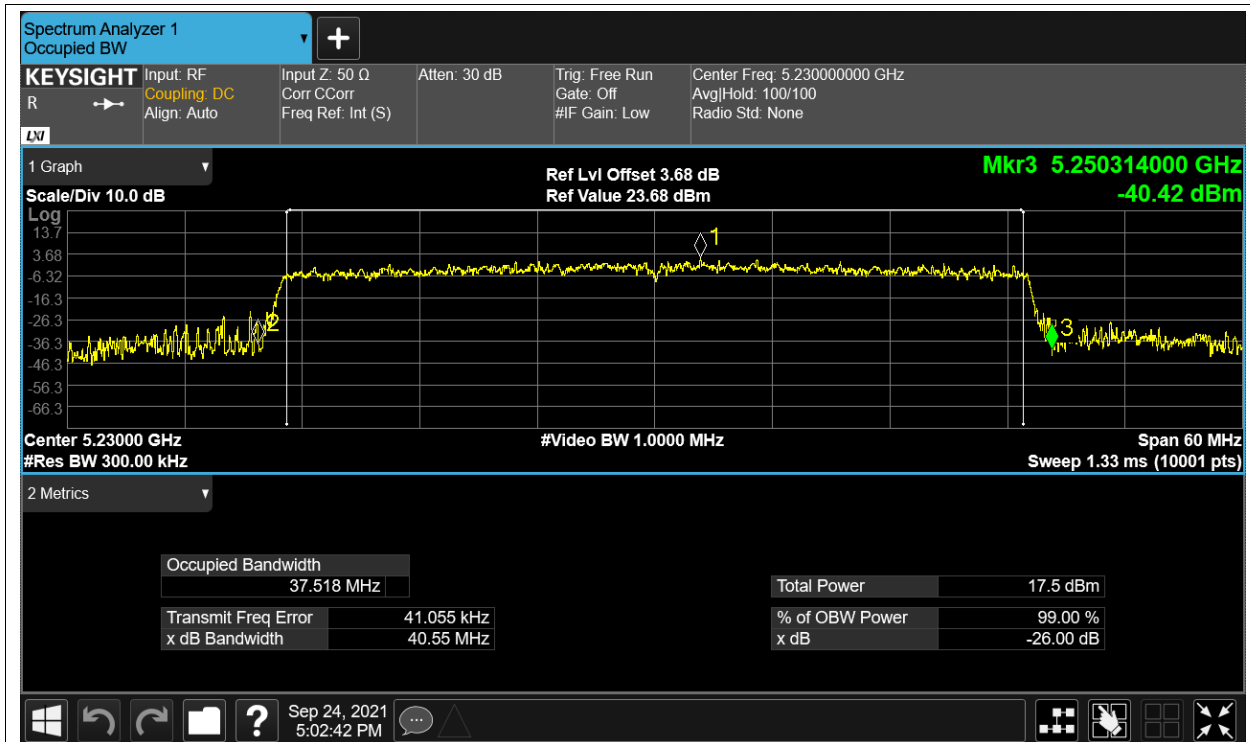
-26dB Bandwidth NVNT ax40 5190MHz ANT1



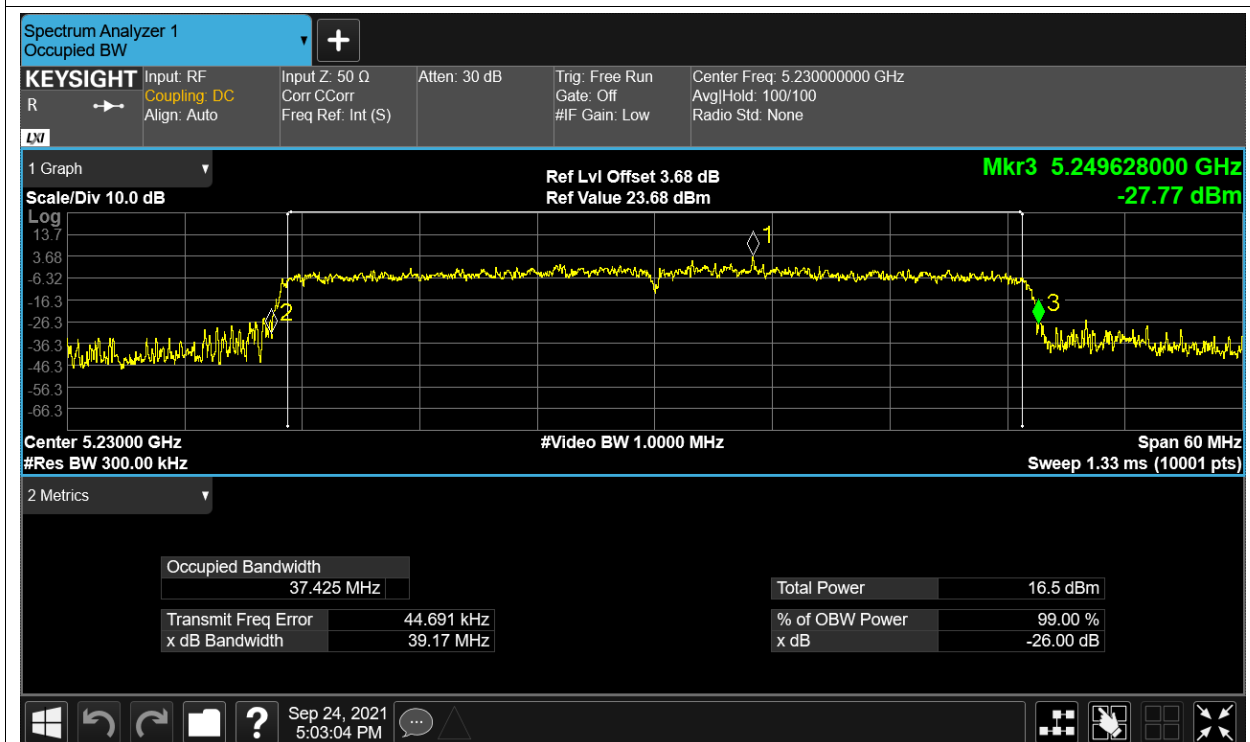
-26dB Bandwidth NVNT ax40 5190MHz ANT2



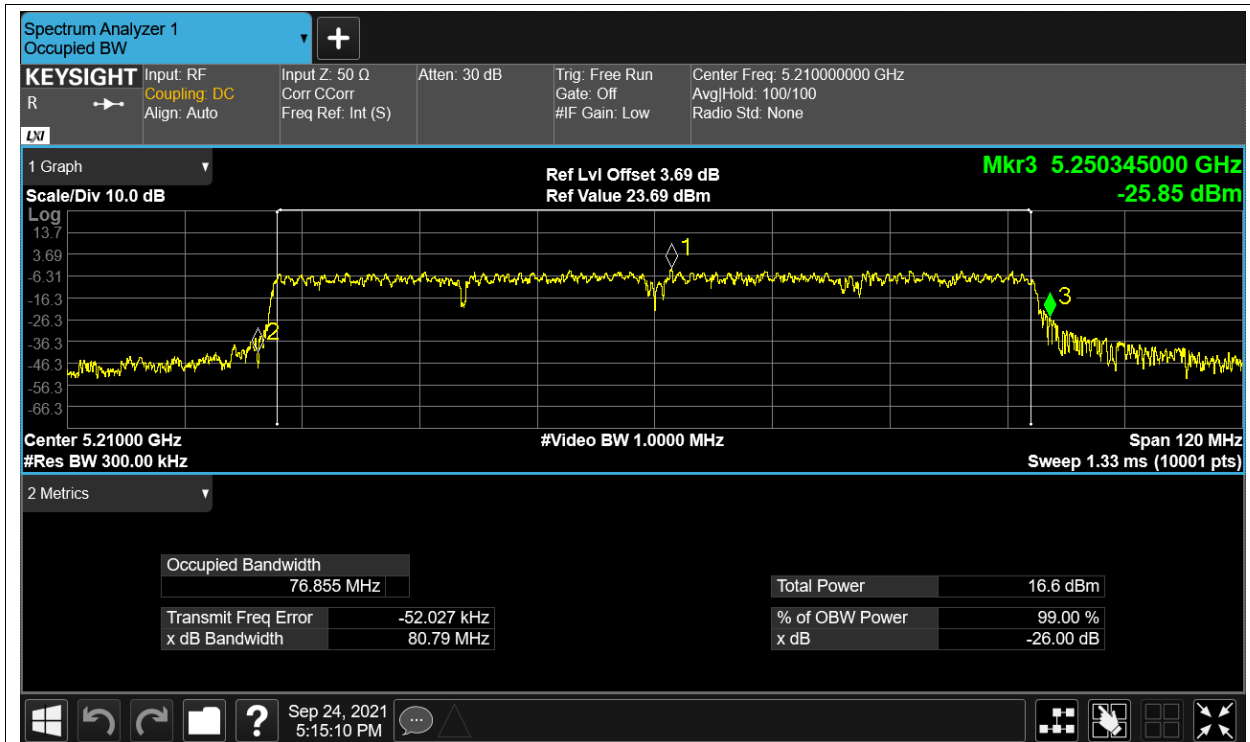
-26dB Bandwidth NVNT ax40 5230MHz ANT1



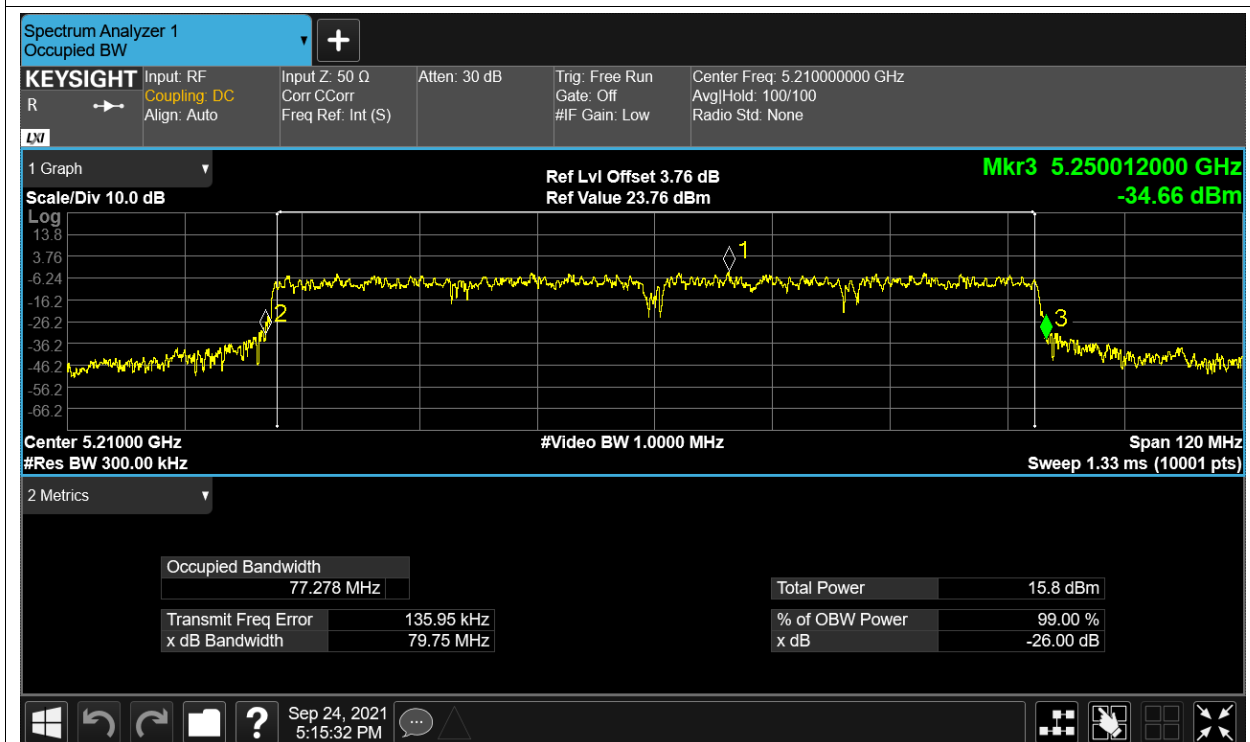
-26dB Bandwidth NVNT ax40 5230MHz ANT2



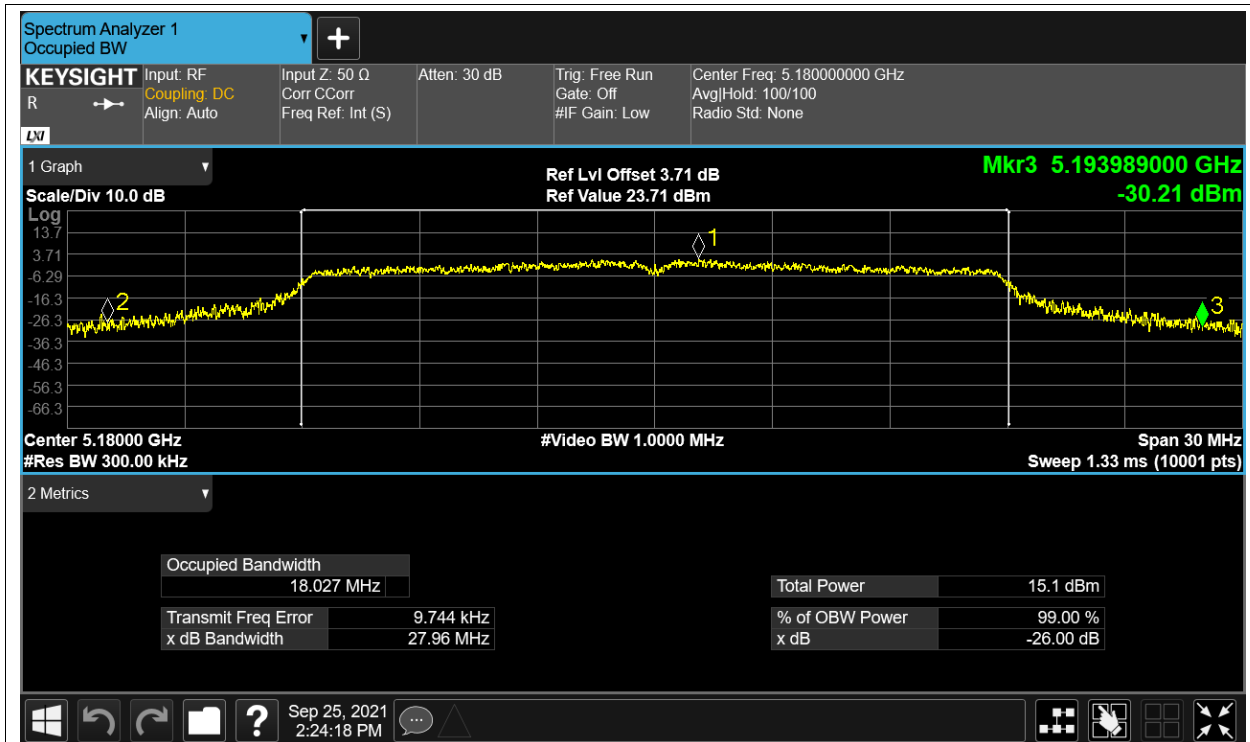
-26dB Bandwidth NVNT ax80 5210MHz ANT1



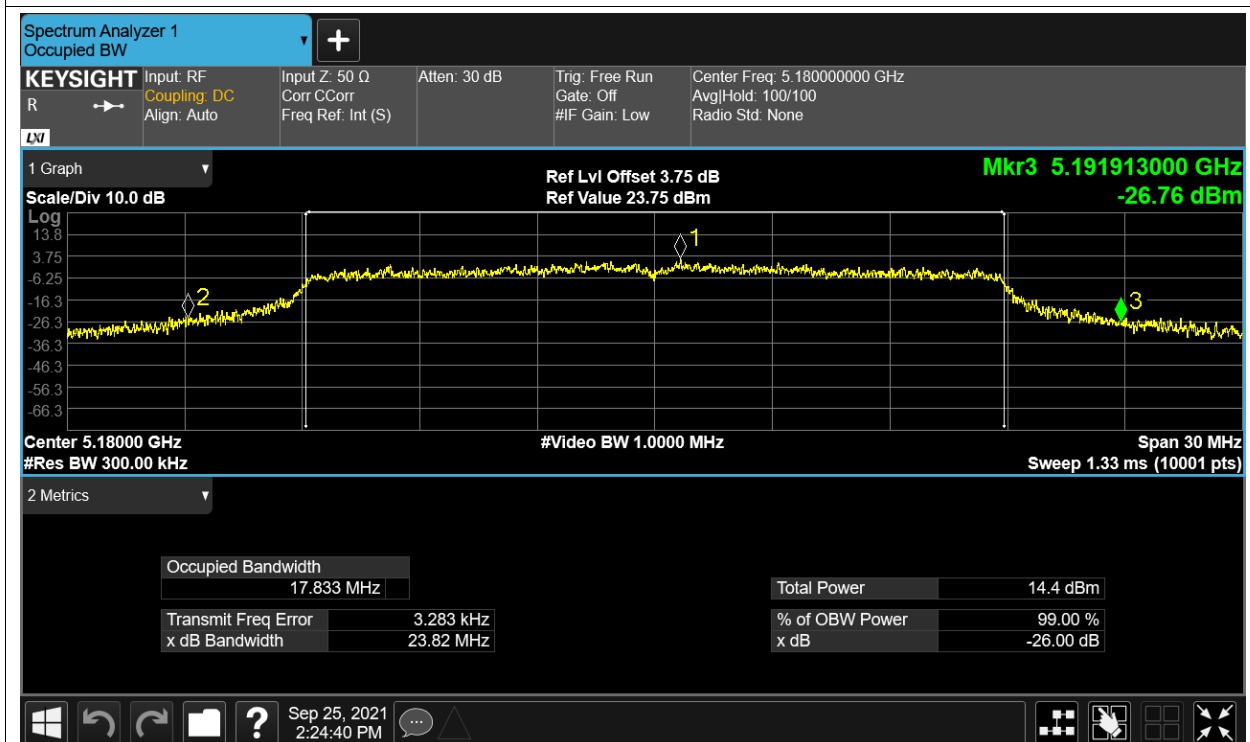
-26dB Bandwidth NVNT ax80 5210MHz ANT2



-26dB Bandwidth NVNT n20 5180MHz ANT1



-26dB Bandwidth NVNT n20 5180MHz ANT2



-26dB Bandwidth NVNT n20 5200MHz ANT1