

Test Data

Frequency Stability (worst case mode)

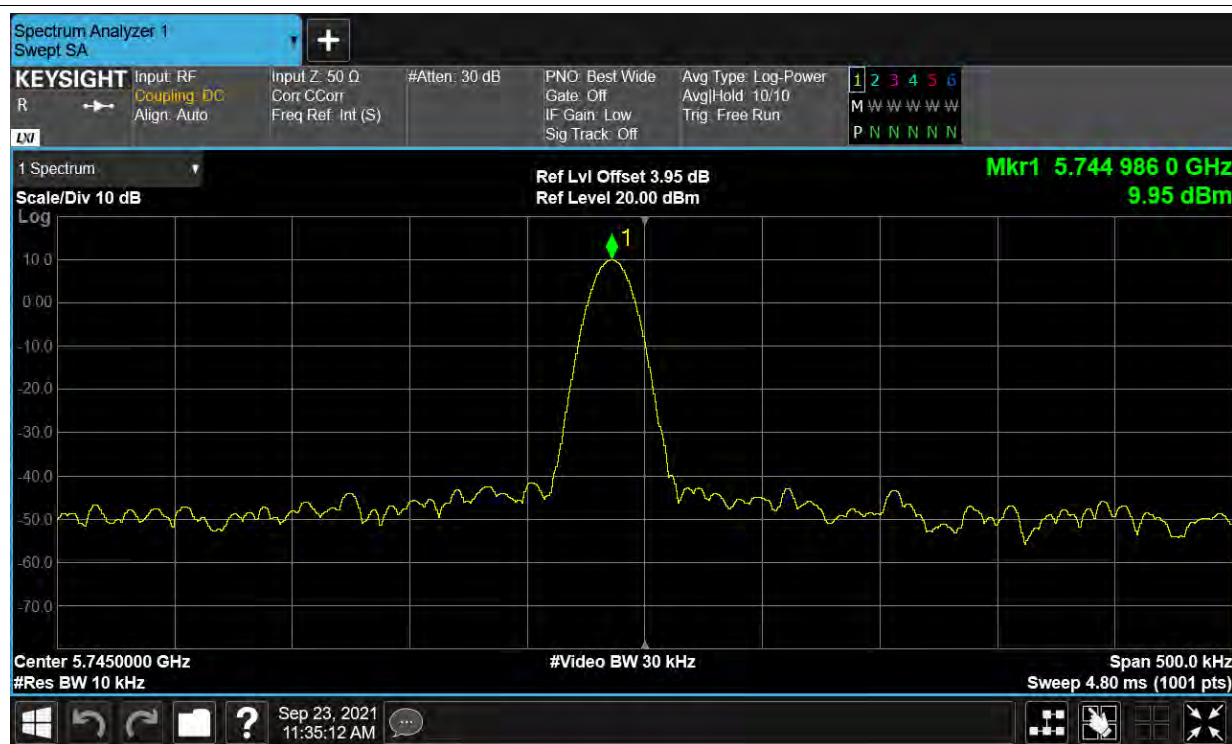
Condition	Mode	Frequency (MHz)	Antenna	Measured Frequency (MHz)	Deviation (ppm)	Limit (ppm)	Verdict
HVHT	a	5745	ANT1	5744.986	-2.44	25	Pass
HVHT	a	5745	ANT2	5744.986	-2.44	25	Pass
HVLT	a	5745	ANT1	5744.986	-2.44	25	Pass
HVLT	a	5745	ANT2	5744.986	-2.44	25	Pass
LVHT	a	5745	ANT1	5744.986	-2.44	25	Pass
LVHT	a	5745	ANT2	5744.9865	-2.35	25	Pass
LVLT	a	5745	ANT1	5744.986	-2.44	25	Pass
LVLT	a	5745	ANT2	5744.9865	-2.35	25	Pass
NVNT	a	5745	ANT1	5744.9865	-2.35	25	Pass
NVNT	a	5745	ANT2	5744.987	-2.26	25	Pass
HVHT	ac20	5745	MIMO	5744.986	-2.44	25	Pass
HVLT	ac20	5745	MIMO	5744.9865	-2.35	25	Pass
LVHT	ac20	5745	MIMO	5744.9865	-2.35	25	Pass
LVLT	ac20	5745	MIMO	5744.9865	-2.35	25	Pass
NVNT	ac20	5745	MIMO	5744.988	-2.09	25	Pass
HVHT	ac40	5755	MIMO	5754.994	-1.04	25	Pass
HVLT	ac40	5755	MIMO	5754.9945	-0.96	25	Pass
LVHT	ac40	5755	MIMO	5754.9945	-0.96	25	Pass
LVLT	ac40	5755	MIMO	5754.995	-0.87	25	Pass
NVNT	ac40	5755	MIMO	5754.9955	-0.78	25	Pass
HVHT	ac80	5775	MIMO	5774.993	-1.21	25	Pass
HVLT	ac80	5775	MIMO	5774.9935	-1.13	25	Pass
LVHT	ac80	5775	MIMO	5774.9945	-0.95	25	Pass
LVLT	ac80	5775	MIMO	5774.995	-0.87	25	Pass
NVNT	ac80	5775	MIMO	5774.9965	-0.61	25	Pass
HVHT	ax20	5745	MIMO	5744.992	-1.39	25	Pass
HVLT	ax20	5745	MIMO	5744.9895	-1.83	25	Pass
LVHT	ax20	5745	MIMO	5744.991	-1.57	25	Pass
LVLT	ax20	5745	MIMO	5744.994	-1.04	25	Pass
NVNT	ax20	5745	MIMO	5744.9885	-2	25	Pass
HVHT	ax40	5755	MIMO	5754.9875	-2.17	25	Pass
HVLT	ax40	5755	MIMO	5754.9895	-1.82	25	Pass
LVHT	ax40	5755	MIMO	5754.988	-2.09	25	Pass
LVLT	ax40	5755	MIMO	5754.9875	-2.17	25	Pass

NVNT	ax40	5755	MIMO	5754.9865	-2.35	25	Pass
HVHT	ax80	5775	MIMO	5774.9925	-1.3	25	Pass
HVLT	ax80	5775	MIMO	5774.987	-2.25	25	Pass
LVHT	ax80	5775	MIMO	5774.9875	-2.16	25	Pass
LVLT	ax80	5775	MIMO	5774.989	-1.9	25	Pass
NVNT	ax80	5775	MIMO	5774.99	-1.73	25	Pass
HVHT	n20	5745	MIMO	5744.9885	-2	25	Pass
HVLT	n20	5745	MIMO	5744.989	-1.91	25	Pass
LVHT	n20	5745	MIMO	5744.99	-1.74	25	Pass
LVLT	n20	5745	MIMO	5744.9935	-1.13	25	Pass
NVNT	n20	5745	MIMO	5744.9935	-1.13	25	Pass
HVHT	n40	5755	MIMO	5754.994	-1.04	25	Pass
HVLT	n40	5755	MIMO	5754.9945	-0.96	25	Pass
LVHT	n40	5755	MIMO	5754.9945	-0.96	25	Pass
LVLT	n40	5755	MIMO	5754.995	-0.87	25	Pass
NVNT	n40	5755	MIMO	5754.9955	-0.78	25	Pass

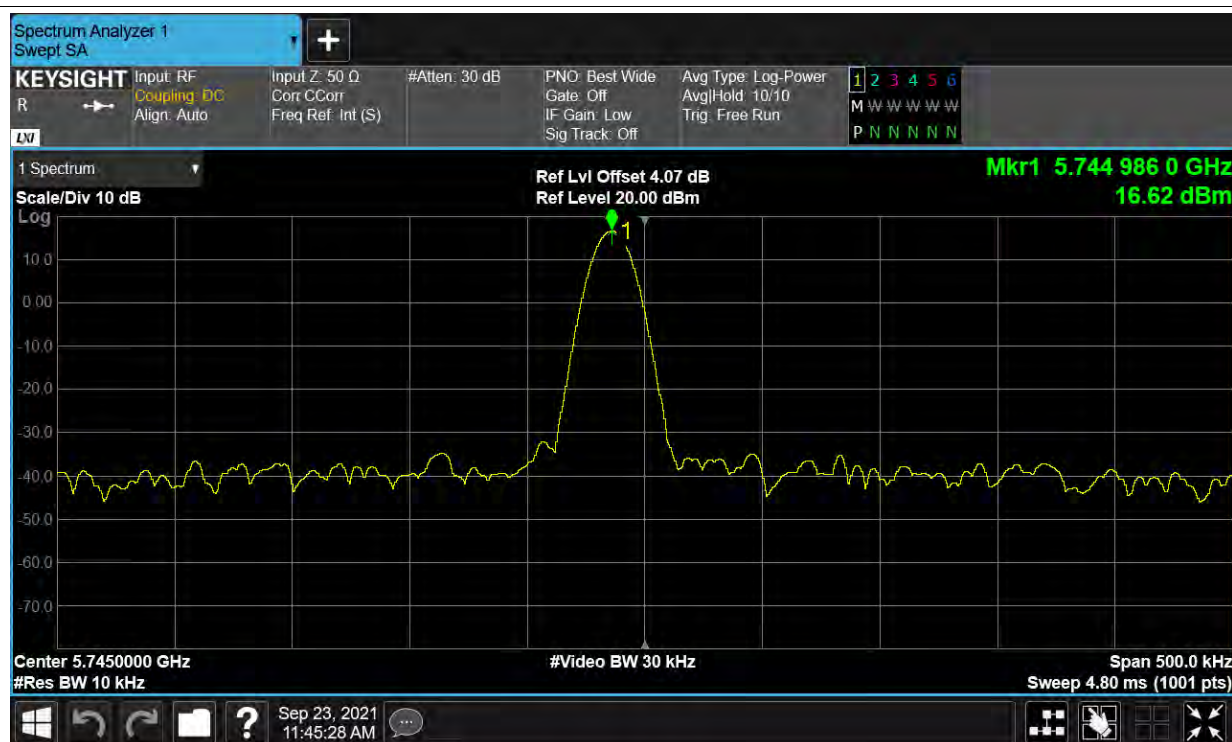
Remark: "NTNV" means Normal Temperature Normal Voltage, "LTLV" means Low Temperature Low Voltage, "LTHV" means Low Temperature High Voltage, "HTLV" means High Temperature Low Voltage, "HTHV" means High Temperature High Voltage.

Test Graphs

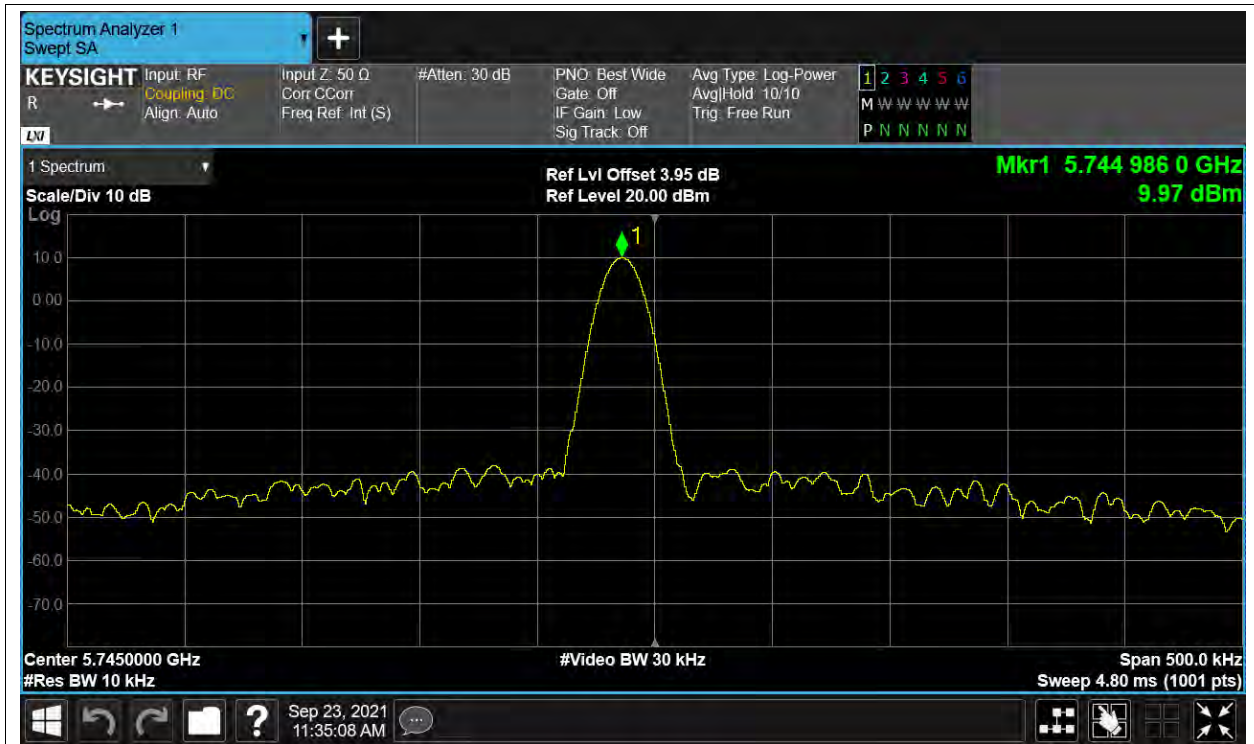
Freq. Stability HVHT a 5745MHz ANT1



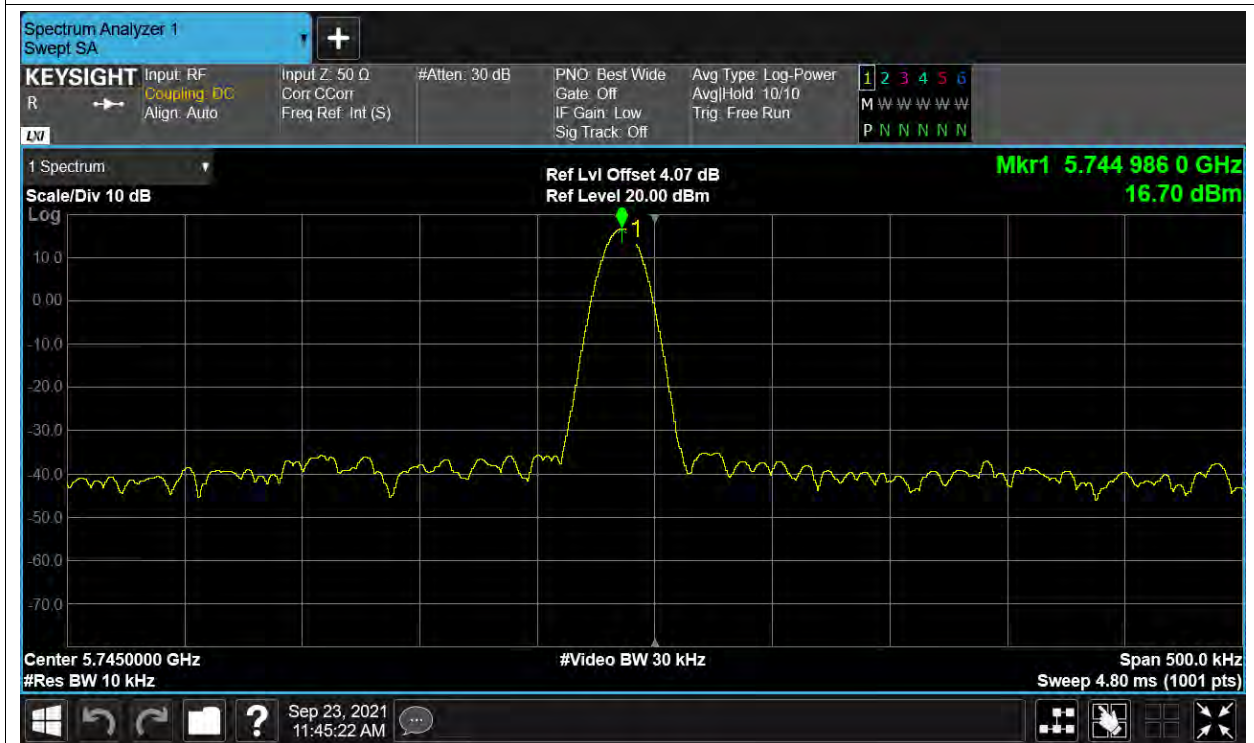
Freq. Stability HVHT a 5745MHz ANT2



Freq. Stability HVLT a 5745MHz ANT1



Freq. Stability HVLT a 5745MHz ANT2



Freq. Stability LVHT a 5745MHz ANT1



Freq. Stability LVHT a 5745MHz ANT2



Freq. Stability LVLT a 5745MHz ANT1



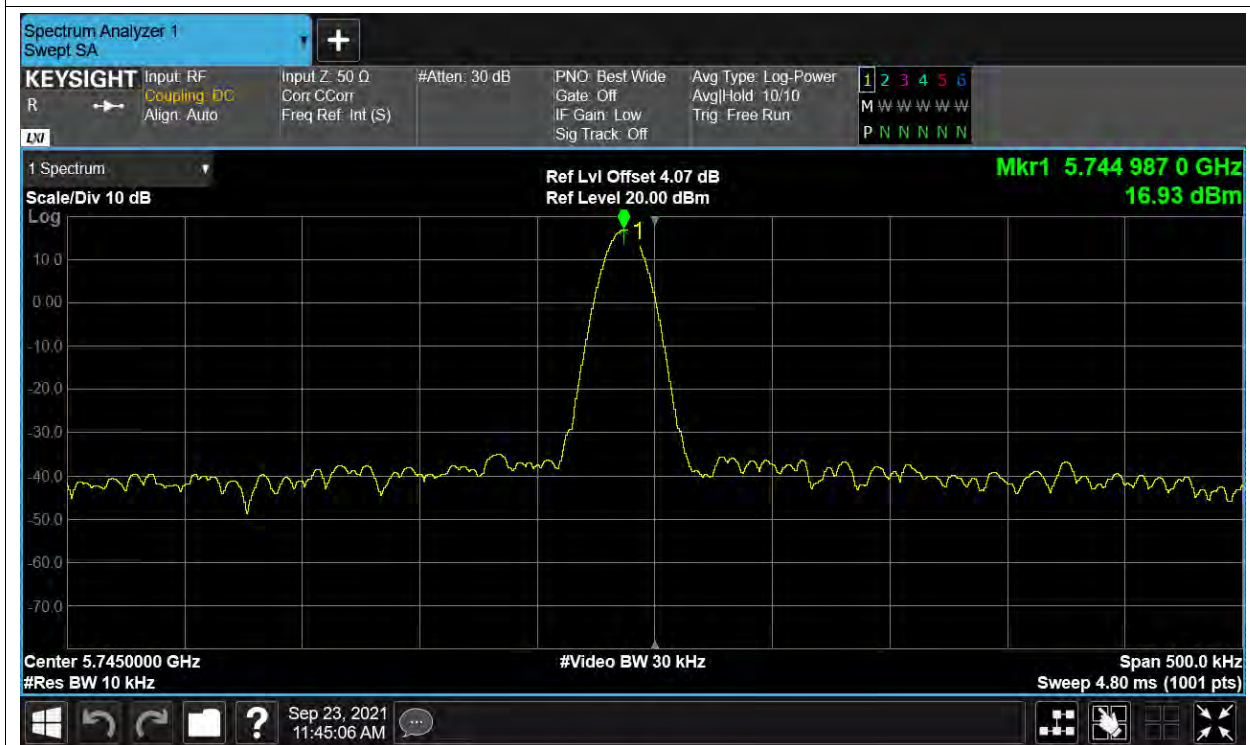
Freq. Stability LVLT a 5745MHz ANT2



Freq. Stability NVNT a 5745MHz ANT1



Freq. Stability NVNT a 5745MHz ANT2



Freq. Stability HVHT ac20 5745MHz MIMO



Freq. Stability HVLT ac20 5745MHz MIMO



Freq. Stability LVHT ac20 5745MHz MIMO



Freq. Stability LVLT ac20 5745MHz MIMO



Freq. Stability NVNT ac20 5745MHz MIMO



Freq. Stability HVHT ac40 5755MHz MIMO



Freq. Stability HVLt ac40 5755MHz MIMO



Freq. Stability LVHT ac40 5755MHz MIMO



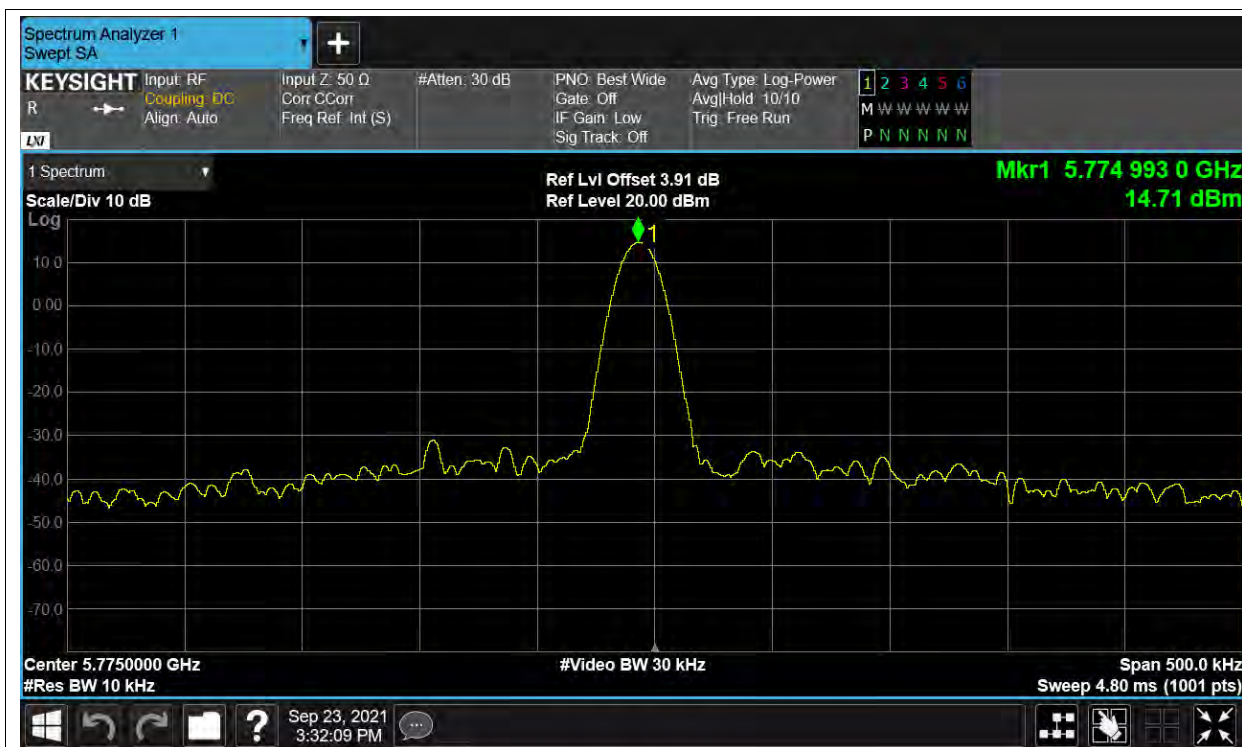
Freq. Stability LVLT ac40 5755MHz MIMO



Freq. Stability NVNT ac40 5755MHz MIMO



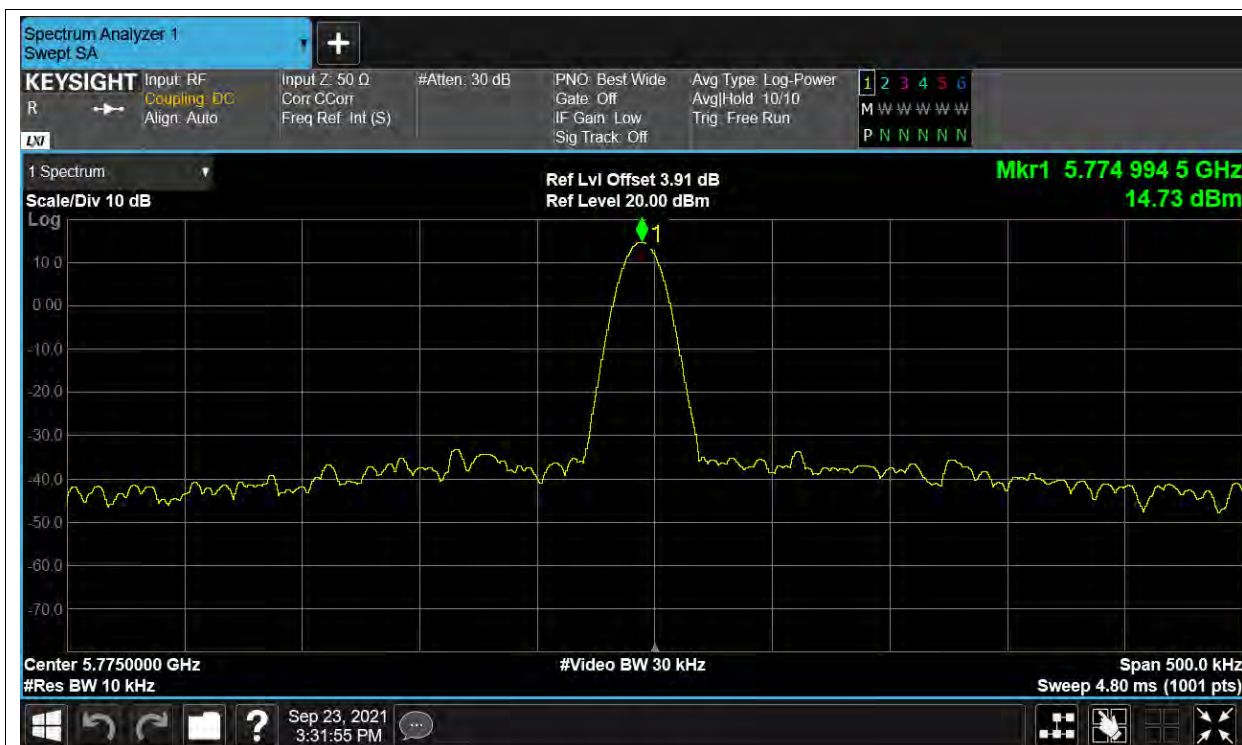
Freq. Stability HVHT ac80 5775MHz MIMO



Freq. Stability HVLT ac80 5775MHz MIMO



Freq. Stability LVHT ac80 5775MHz MIMO



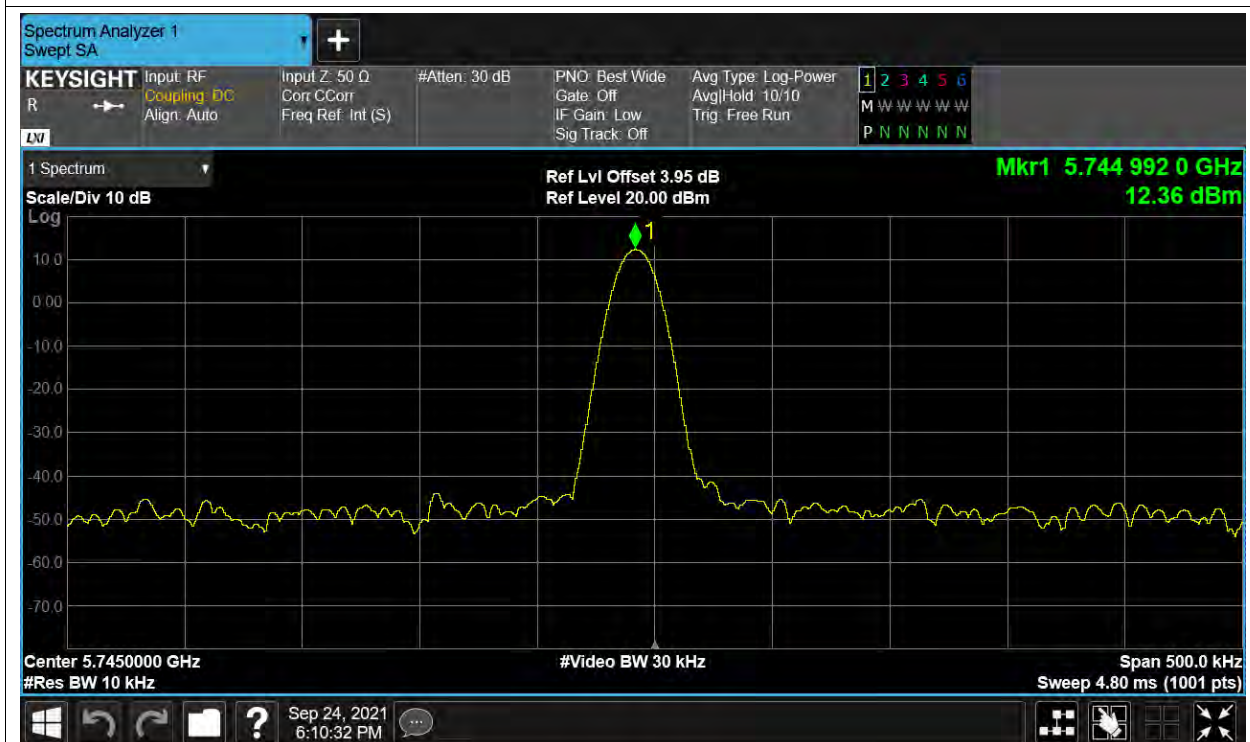
Freq. Stability LVL ac80 5775MHz MIMO



Freq. Stability NVNT ac80 5775MHz MIMO



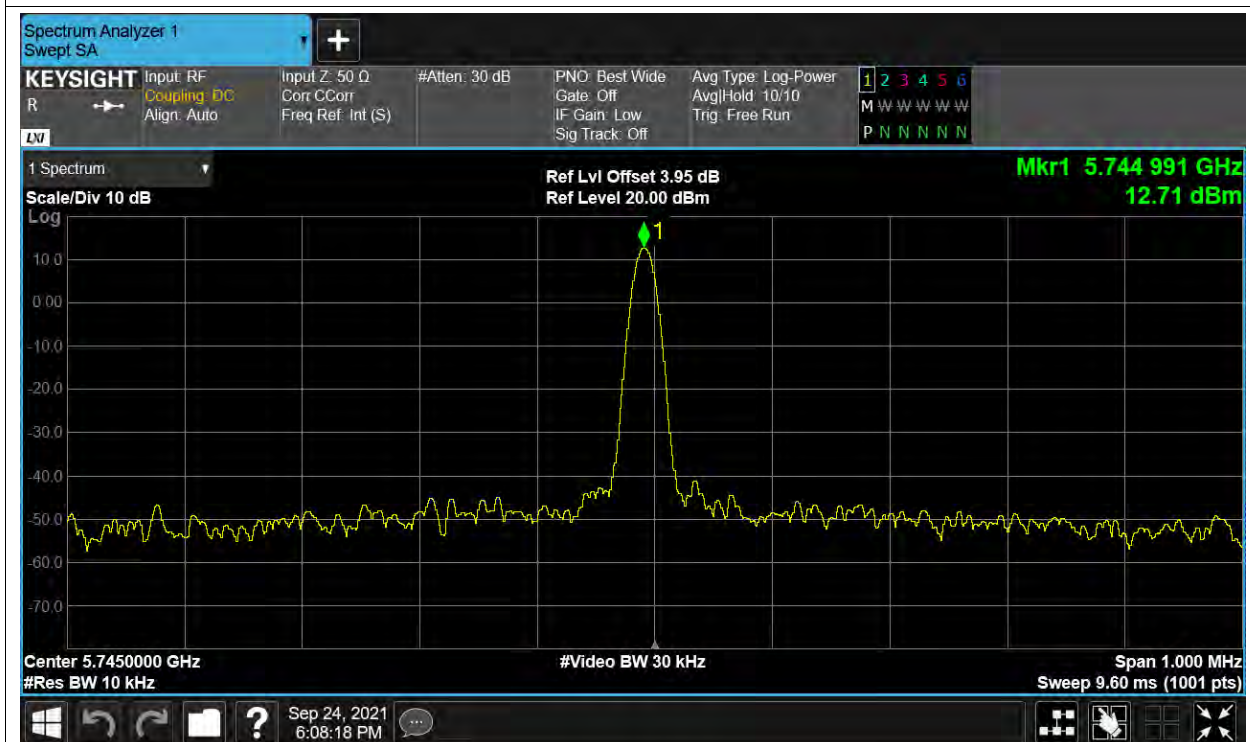
Freq. Stability HVHT ax20 5745MHz MIMO



Freq. Stability HVLt ax20 5745MHz MIMO



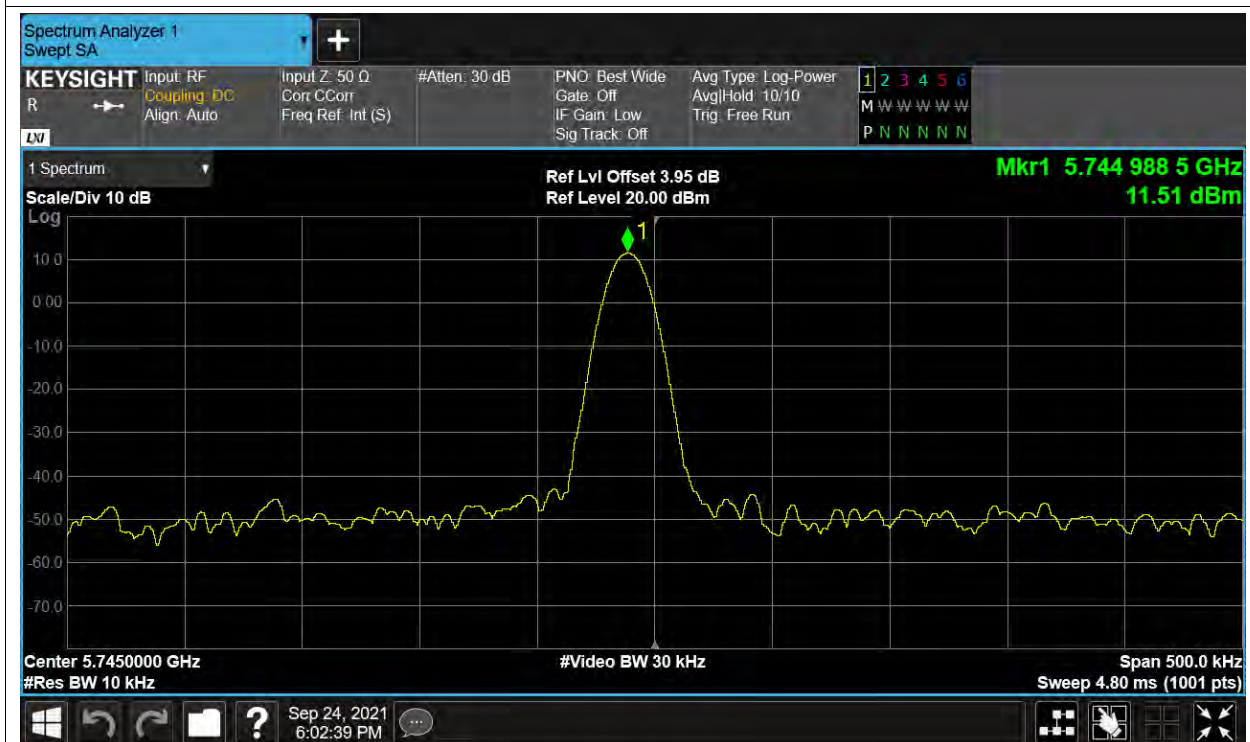
Freq. Stability LVHT ax20 5745MHz MIMO



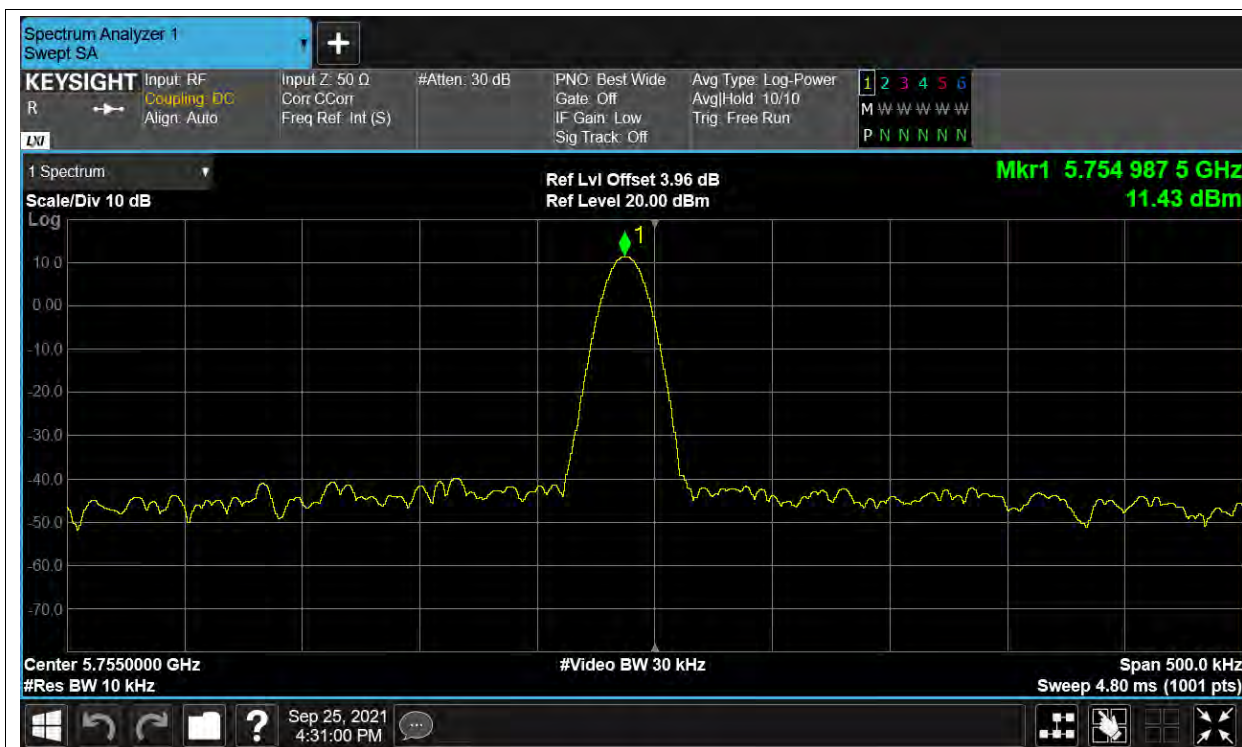
Freq. Stability LVLT ax20 5745MHz MIMO



Freq. Stability NVNT ax20 5745MHz MIMO



Freq. Stability HVHT ax40 5755MHz MIMO



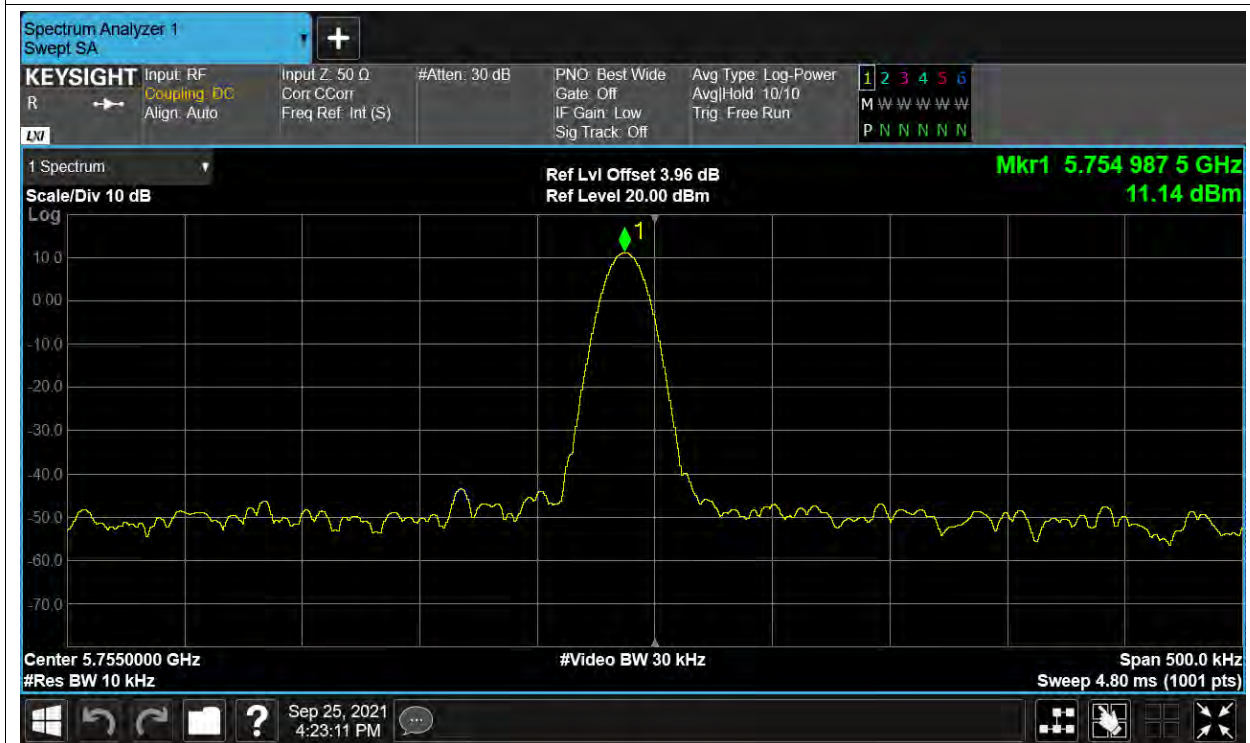
Freq. Stability HVLT ax40 5755MHz MIMO



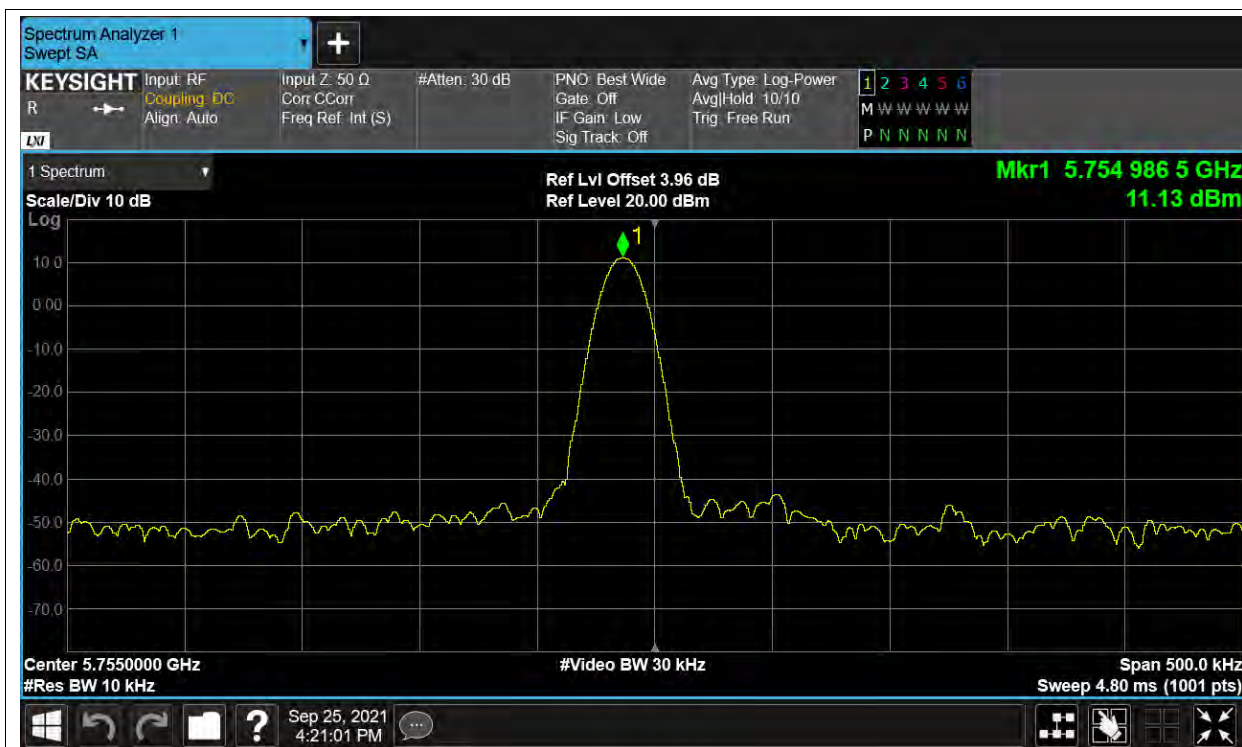
Freq. Stability LVHT ax40 5755MHz MIMO



Freq. Stability LVLt ax40 5755MHz MIMO



Freq. Stability NVNT ax40 5755MHz MIMO



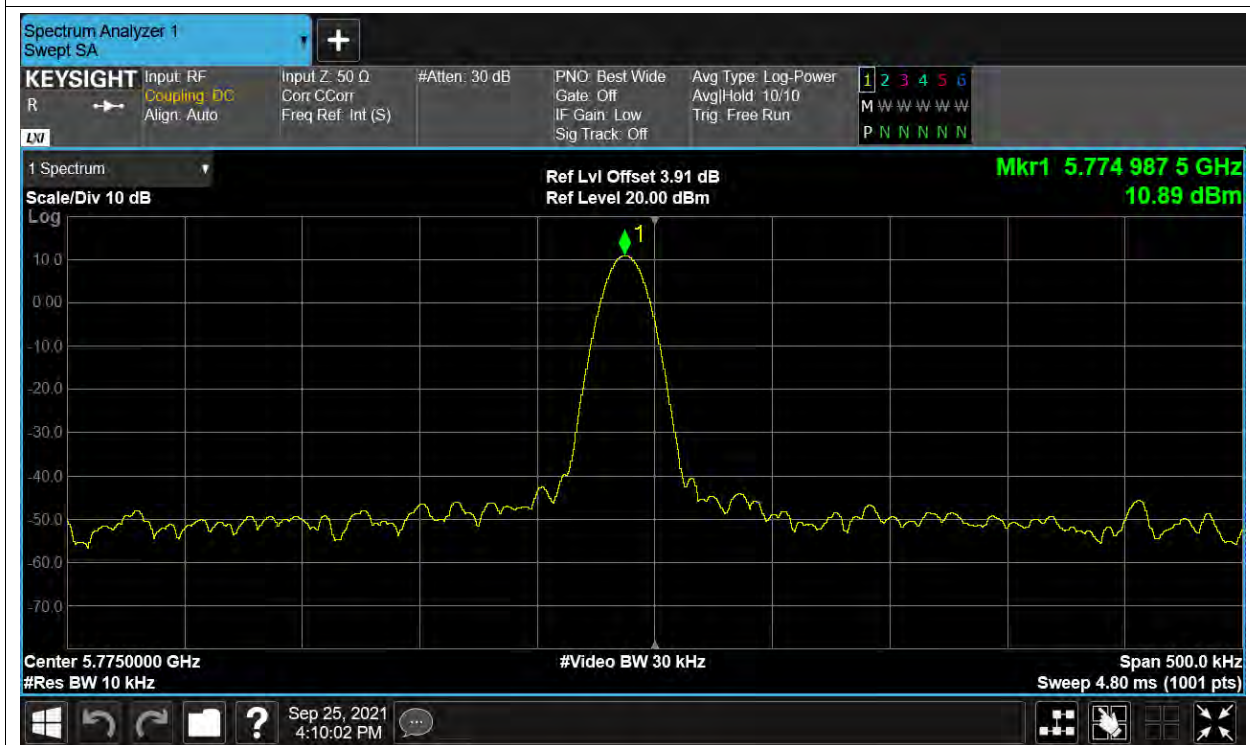
Freq. Stability HVHT ax80 5775MHz MIMO



Freq. Stability HVLt ax80 5775MHz MIMO



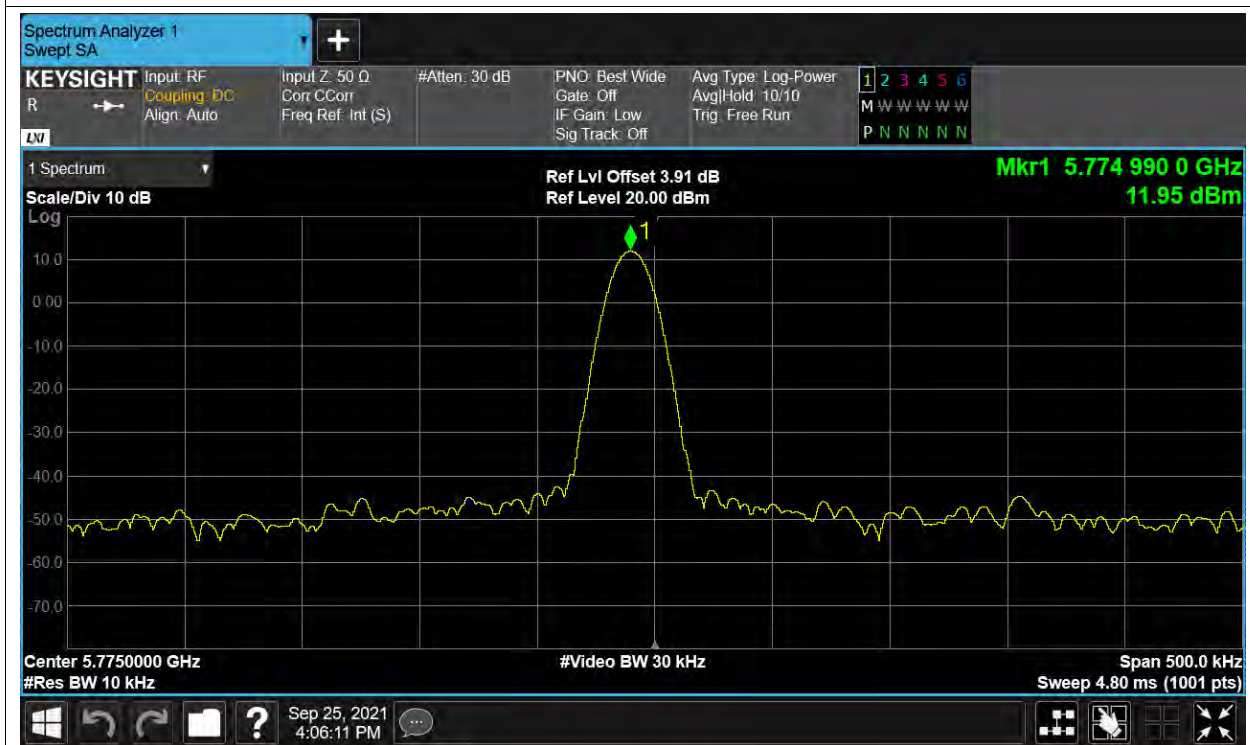
Freq. Stability LVHT ax80 5775MHz MIMO



Freq. Stability LVLT ax80 5775MHz MIMO



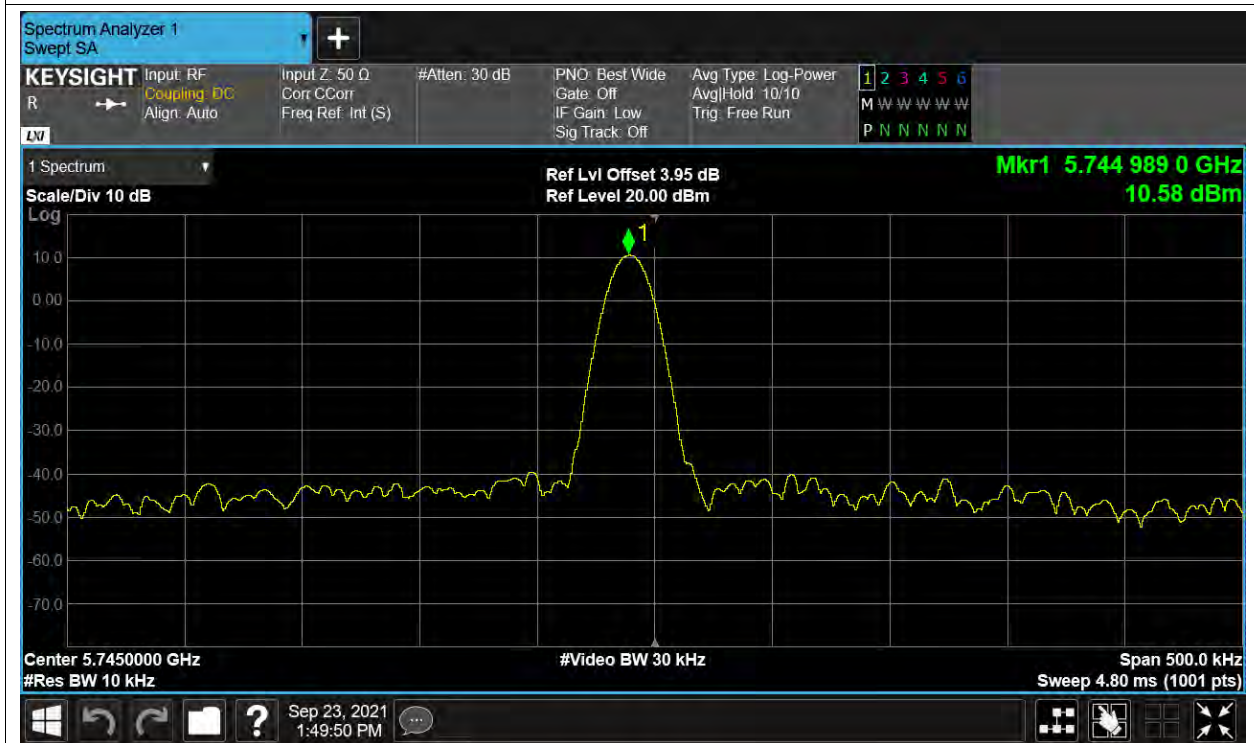
Freq. Stability NVNT ax80 5775MHz MIMO



Freq. Stability HVHT n20 5745MHz MIMO



Freq. Stability HVLt n20 5745MHz MIMO



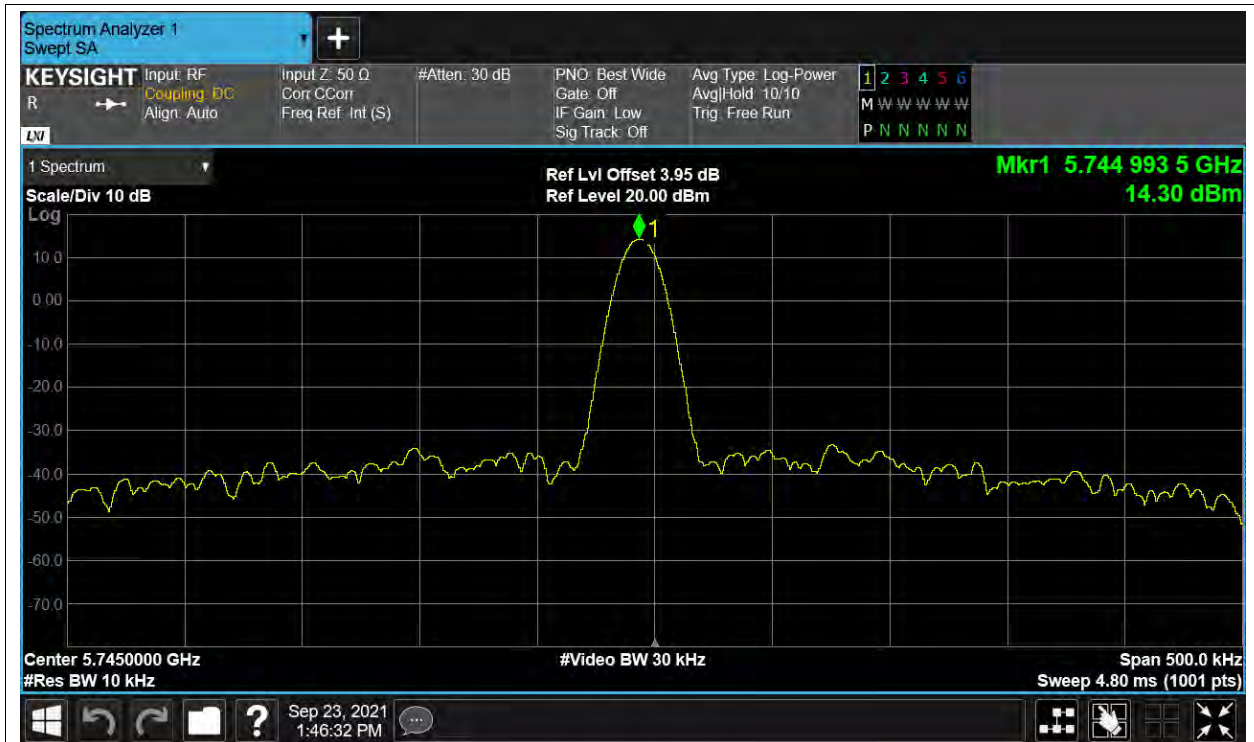
Freq. Stability LVHT n20 5745MHz MIMO



Freq. Stability LVLTL n20 5745MHz MIMO



Freq. Stability NVNT n20 5745MHz MIMO



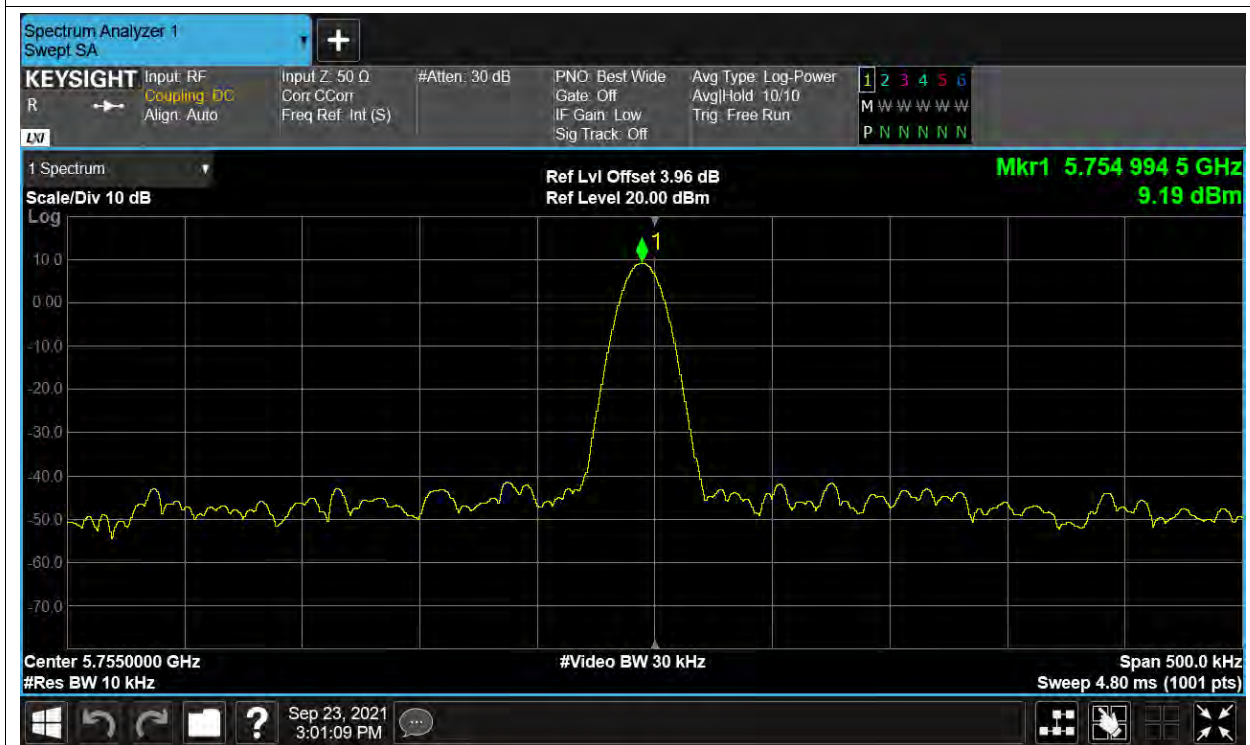
Freq. Stability HVHT n40 5755MHz MIMO



Freq. Stability HVLt n40 5755MHz MIMO



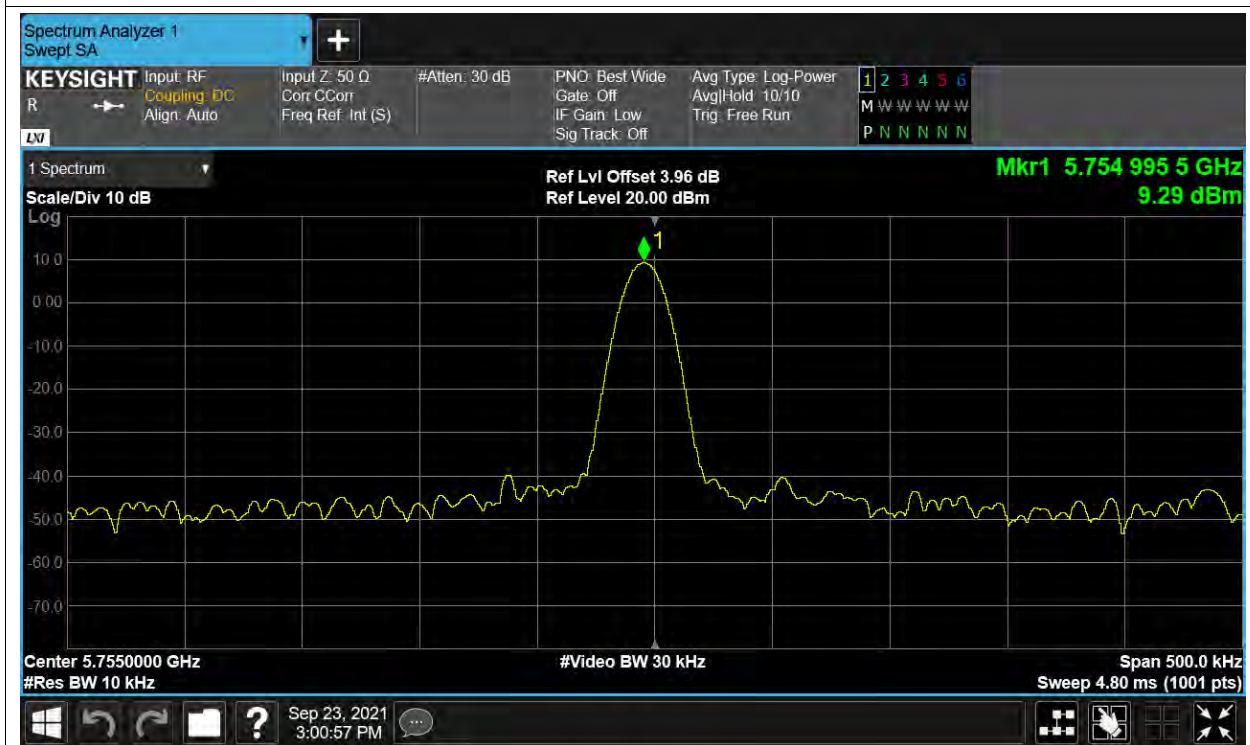
Freq. Stability LVHT n40 5755MHz MIMO



Freq. Stability LVLTL n40 5755MHz MIMO



Freq. Stability NVNT n40 5755MHz MIMO



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	MIMO	100	0
NVNT	ac20	5785	MIMO	100	0
NVNT	ac20	5825	MIMO	100	0
NVNT	ac40	5755	MIMO	100	0
NVNT	ac40	5795	MIMO	100	0
NVNT	ac80	5775	MIMO	100	0
NVNT	ax20	5745	MIMO	100	0
NVNT	ax20	5785	MIMO	100	0
NVNT	ax20	5825	MIMO	100	0
NVNT	ax40	5755	MIMO	100	0
NVNT	ax40	5795	MIMO	100	0
NVNT	ax80	5775	MIMO	100	0
NVNT	n20	5745	MIMO	100	0
NVNT	n20	5785	MIMO	100	0
NVNT	n20	5825	MIMO	100	0
NVNT	n40	5755	MIMO	100	0
NVNT	n40	5795	MIMO	100	0

Test Graphs

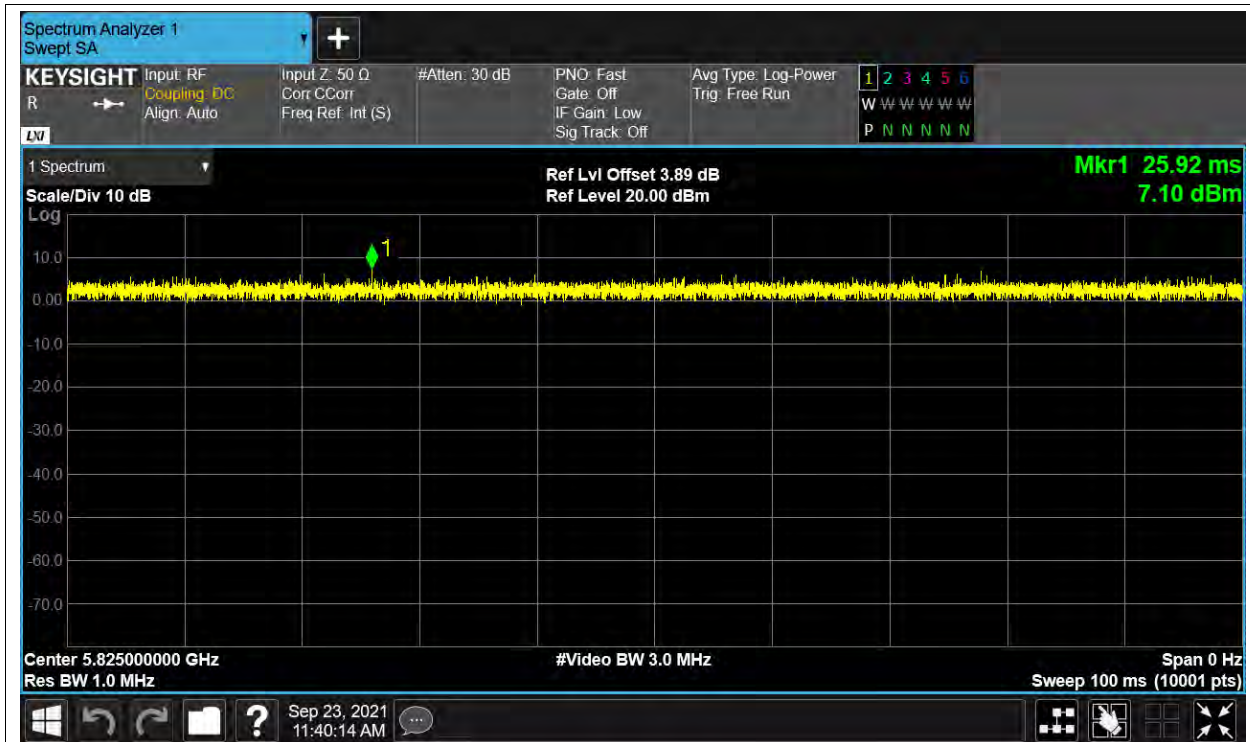
Duty Cycle NVNT a 5745MHz ANT1



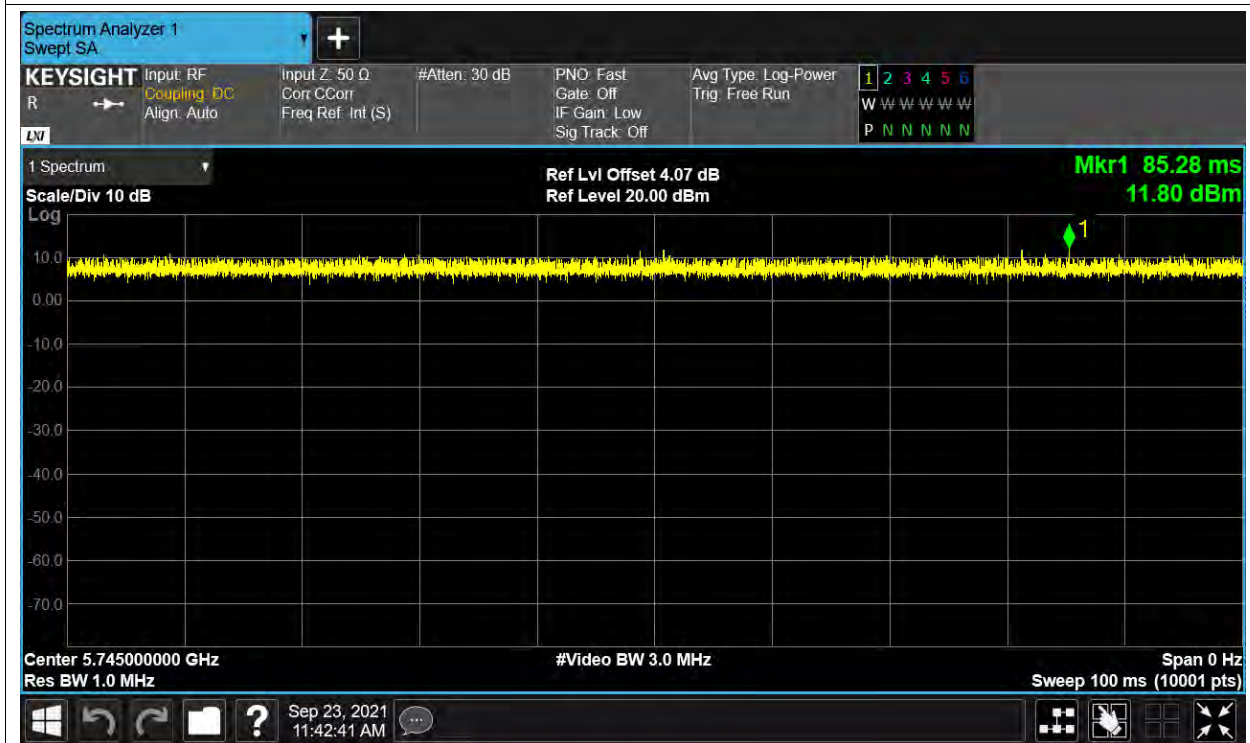
Duty Cycle NVNT a 5785MHz ANT1



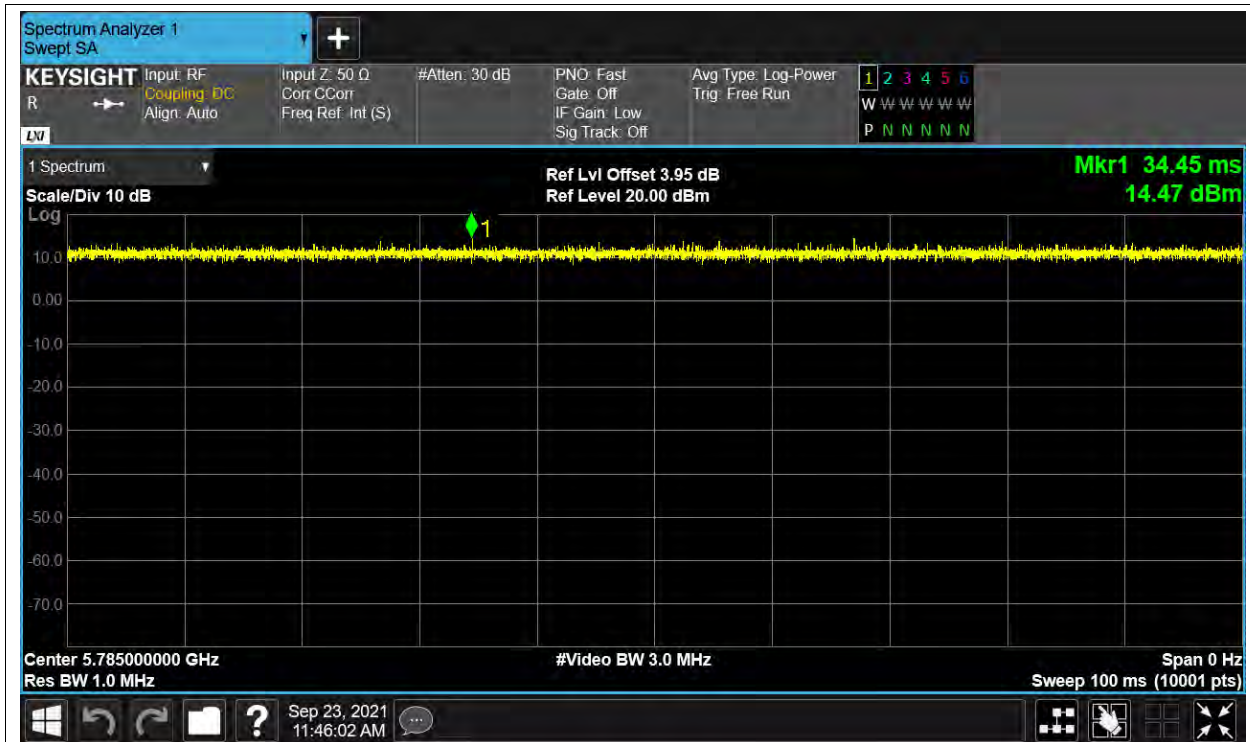
Duty Cycle NVNT a 5825MHz ANT1



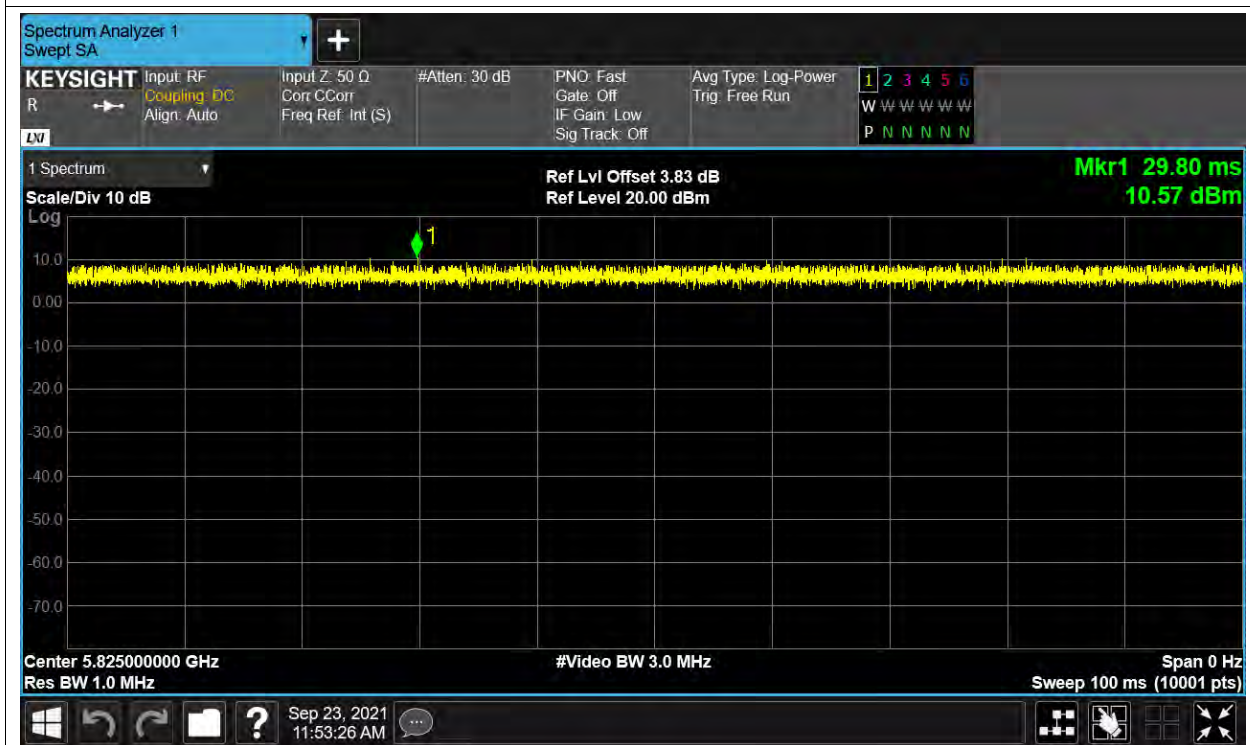
Duty Cycle NVNT a 5745MHz ANT2



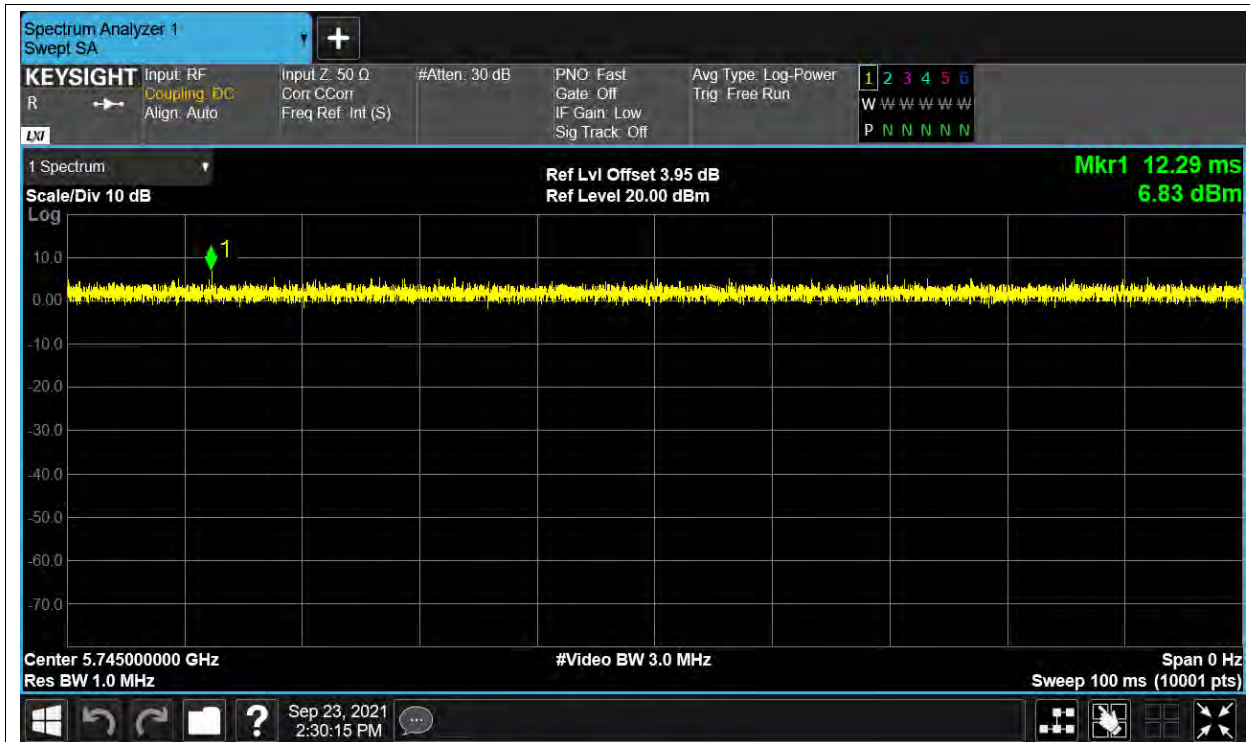
Duty Cycle NVNT a 5785MHz ANT2



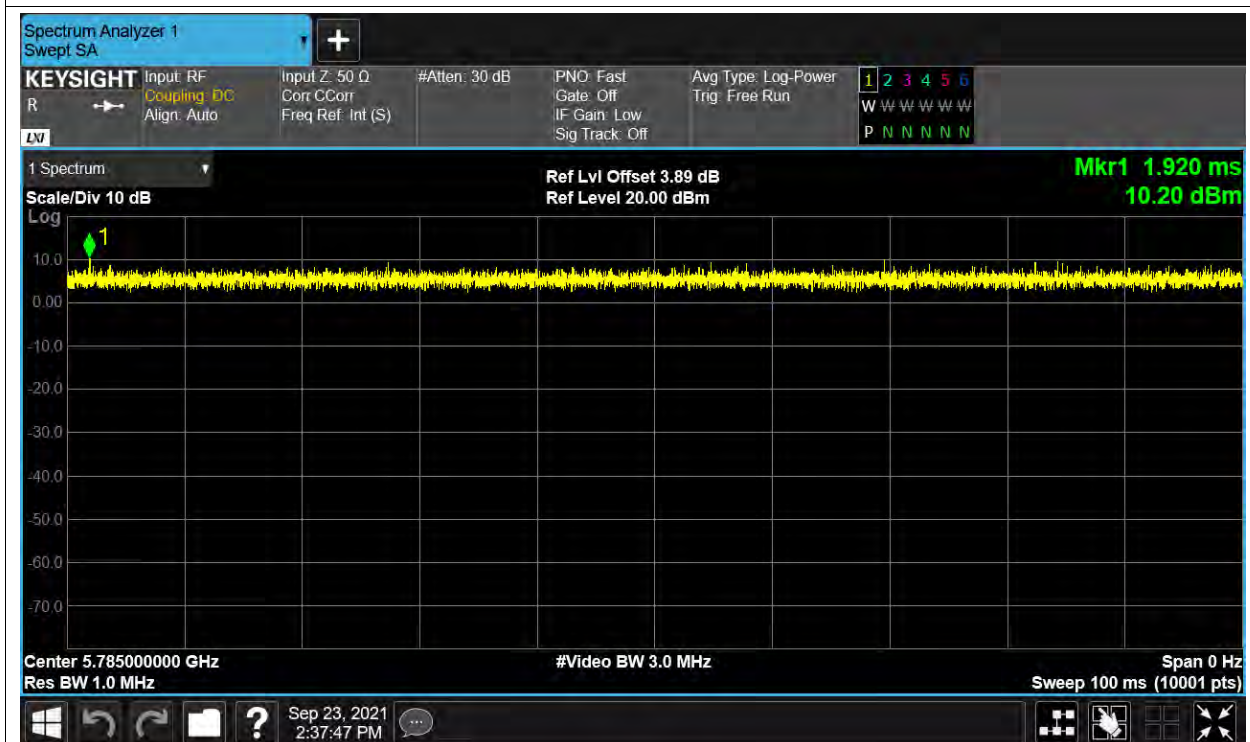
Duty Cycle NVNT a 5825MHz ANT2



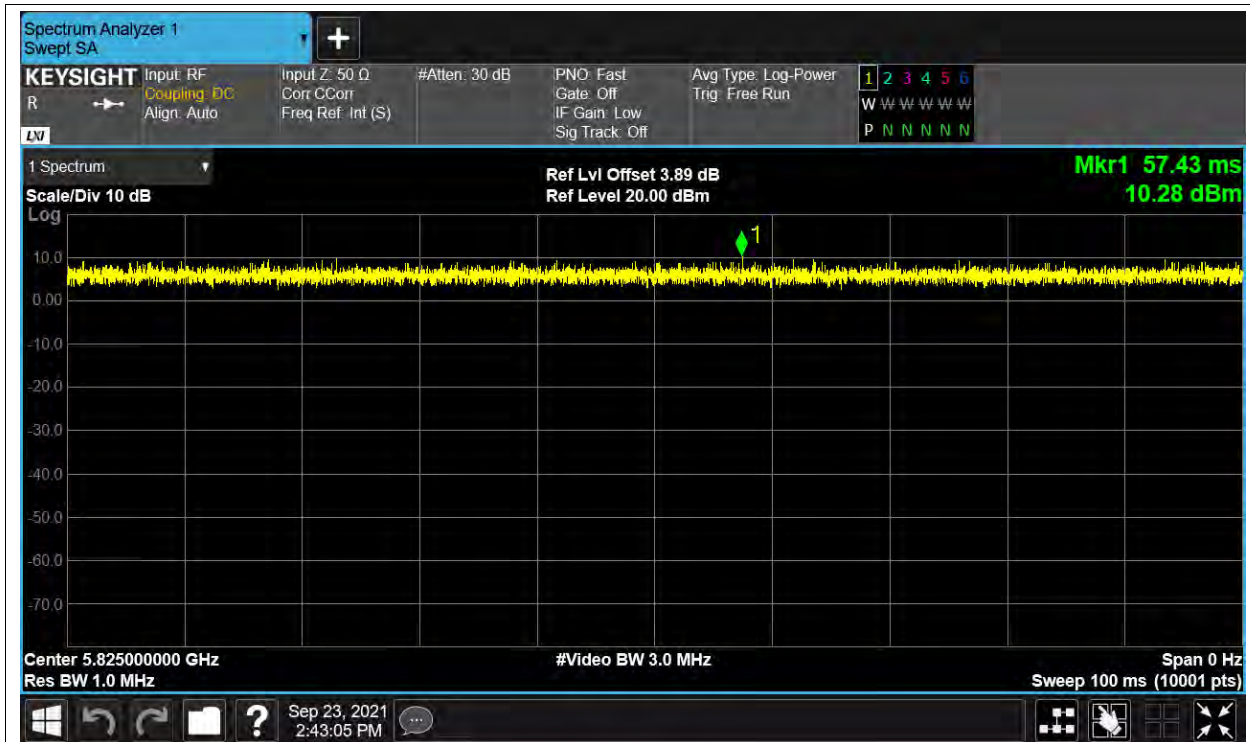
Duty Cycle NVNT ac20 5745MHz MIMO



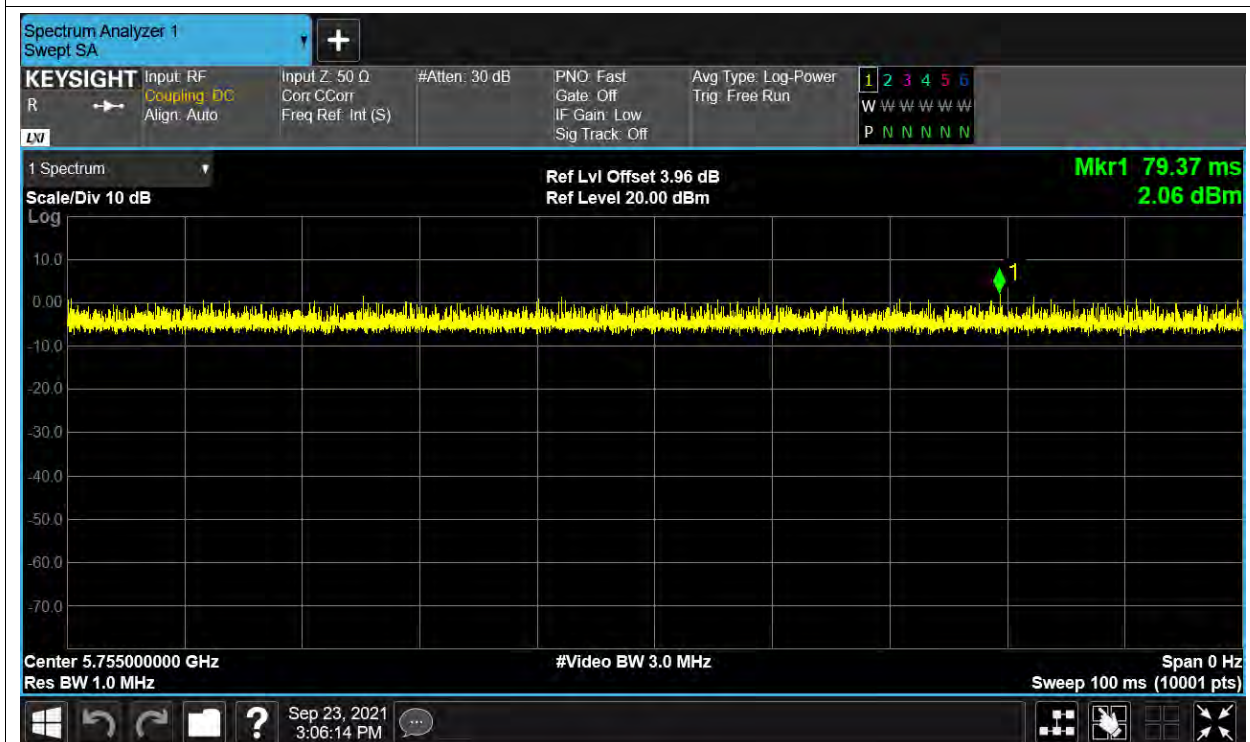
Duty Cycle NVNT ac20 5785MHz MIMO



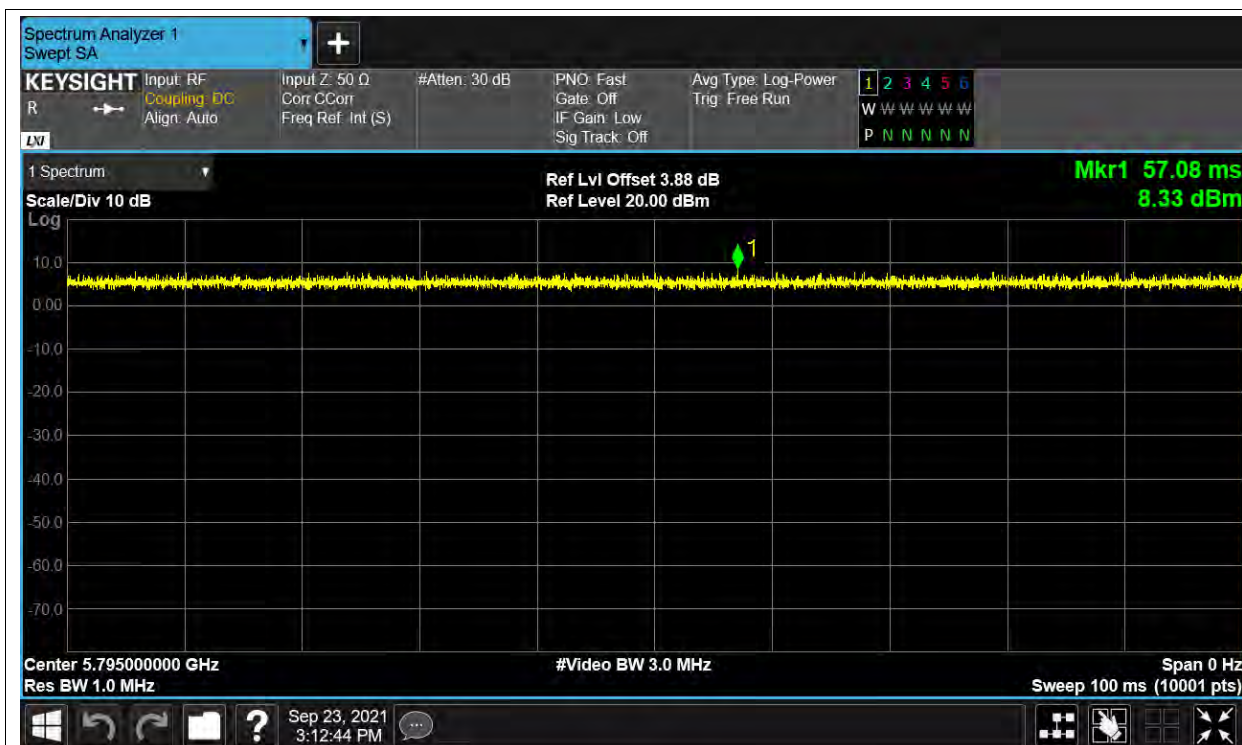
Duty Cycle NVNT ac20 5825MHz MIMO



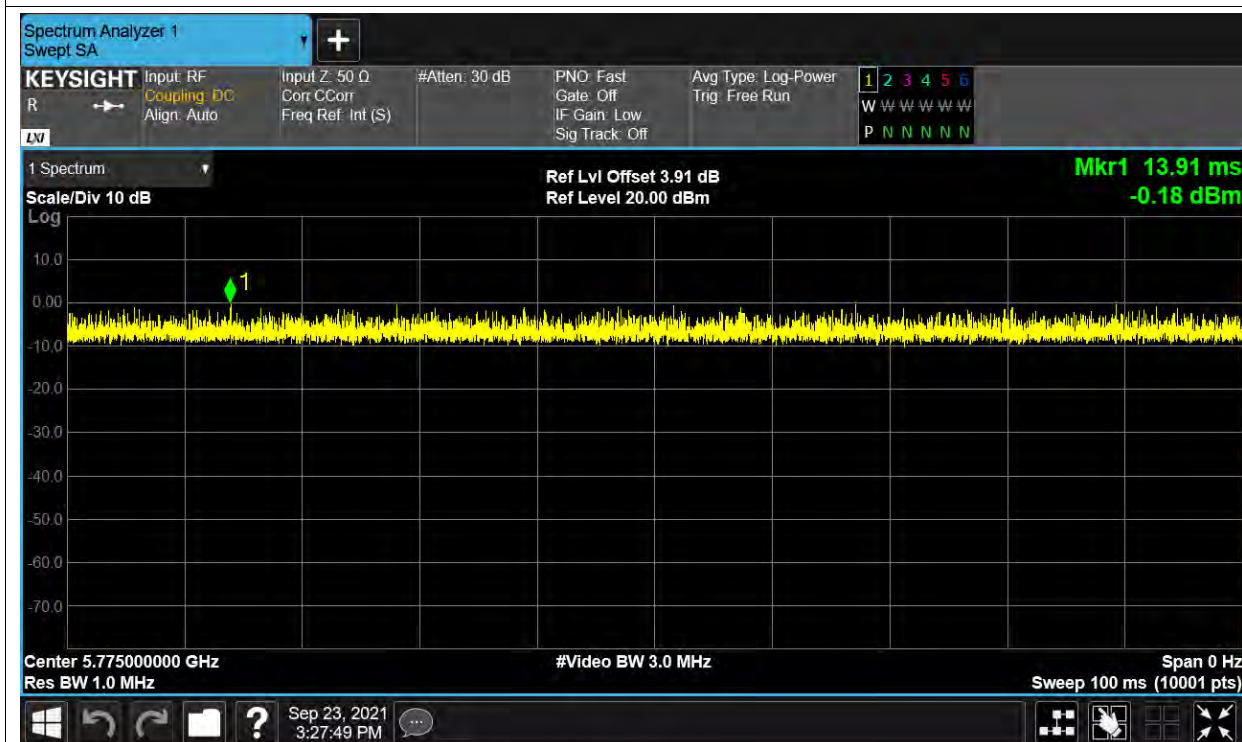
Duty Cycle NVNT ac40 5755MHz MIMO



Duty Cycle NVNT ac40 5795MHz MIMO



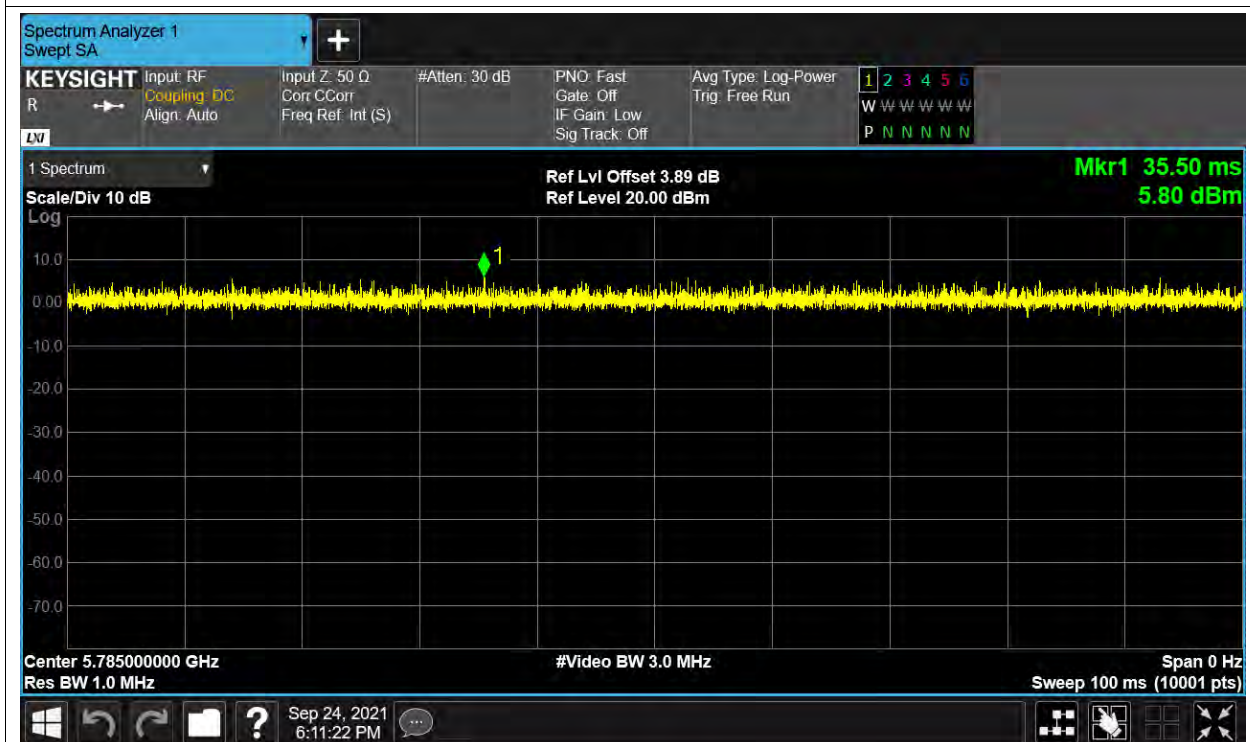
Duty Cycle NVNT ac80 5775MHz MIMO



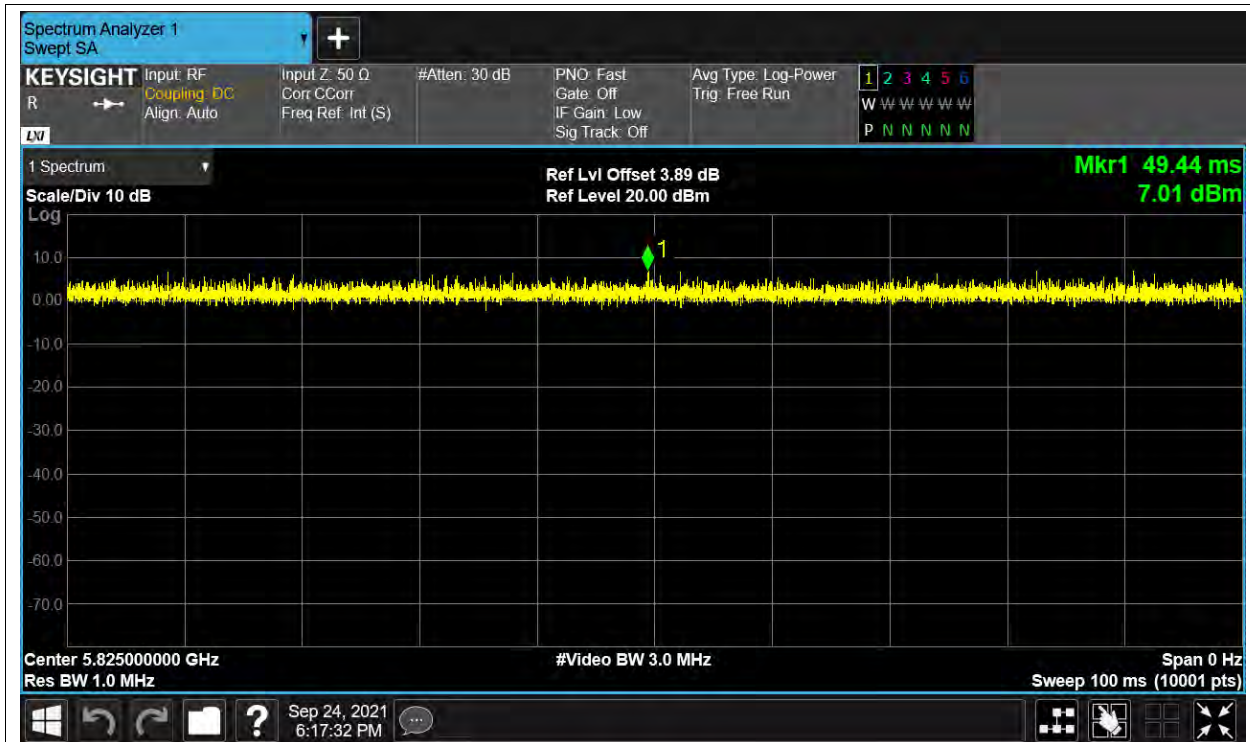
Duty Cycle NVNT ax20 5745MHz MIMO



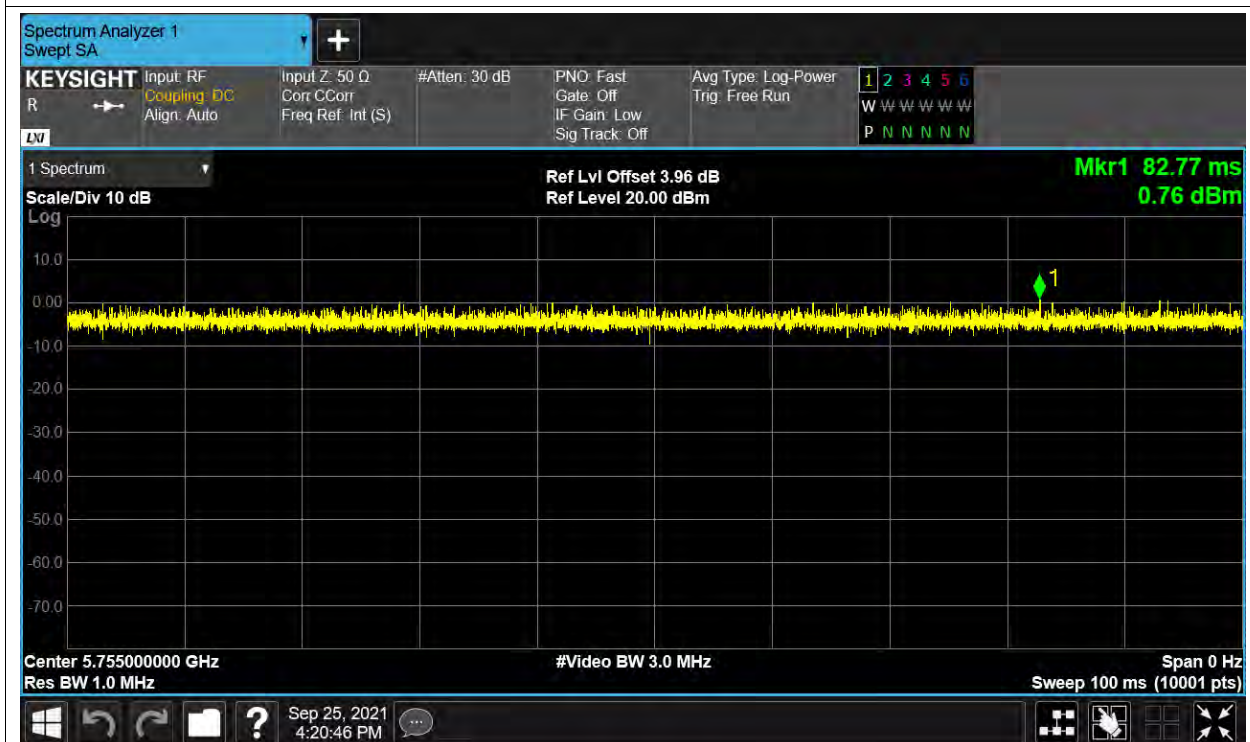
Duty Cycle NVNT ax20 5785MHz MIMO



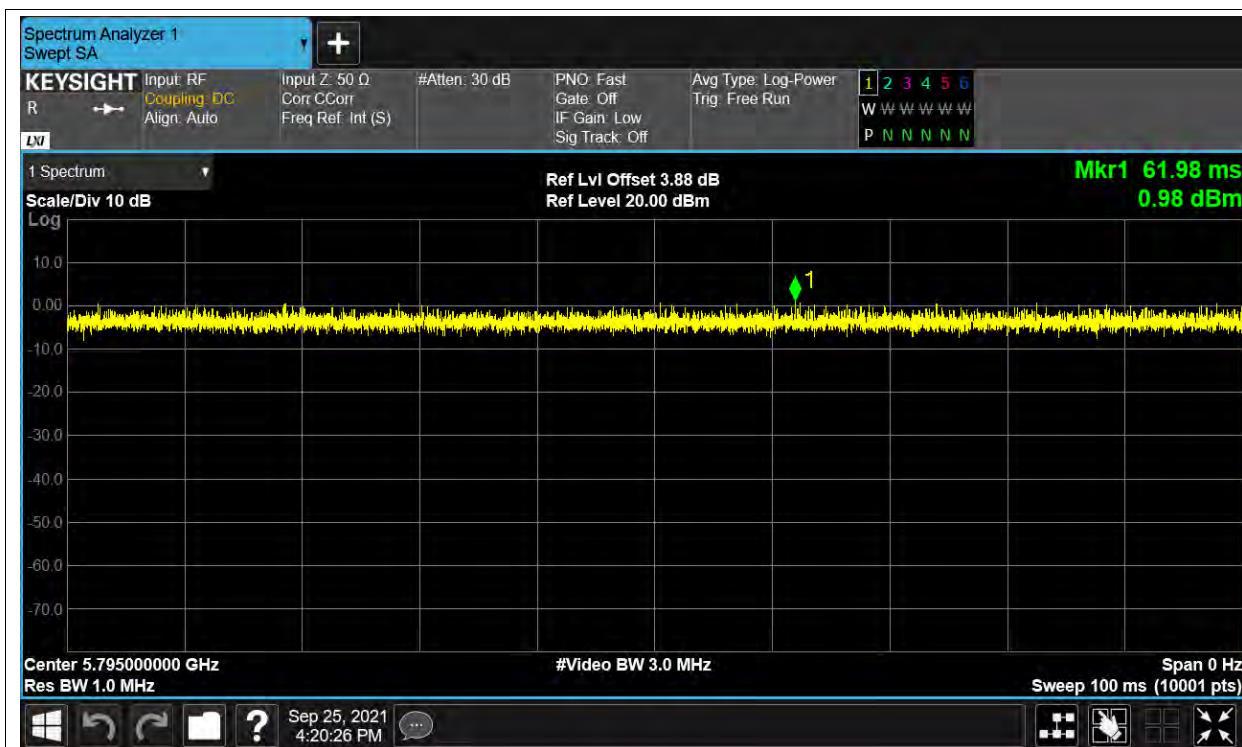
Duty Cycle NVNT ax20 5825MHz MIMO



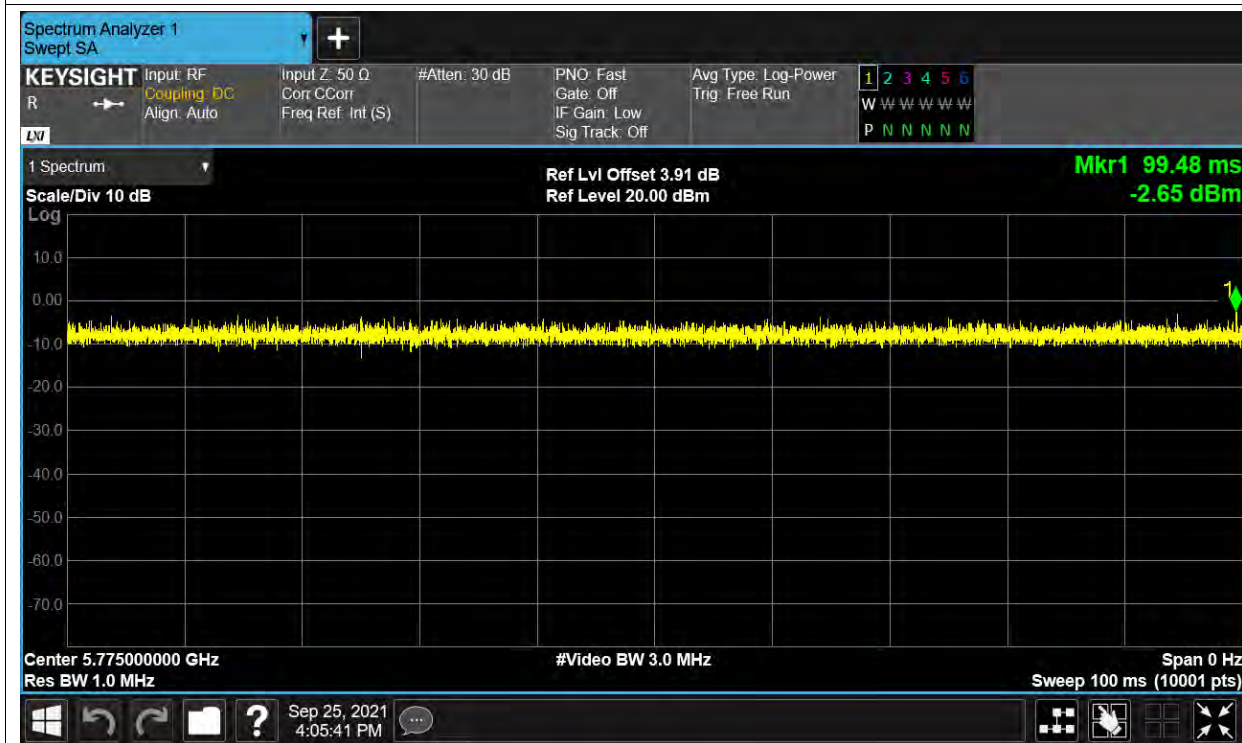
Duty Cycle NVNT ax40 5755MHz MIMO



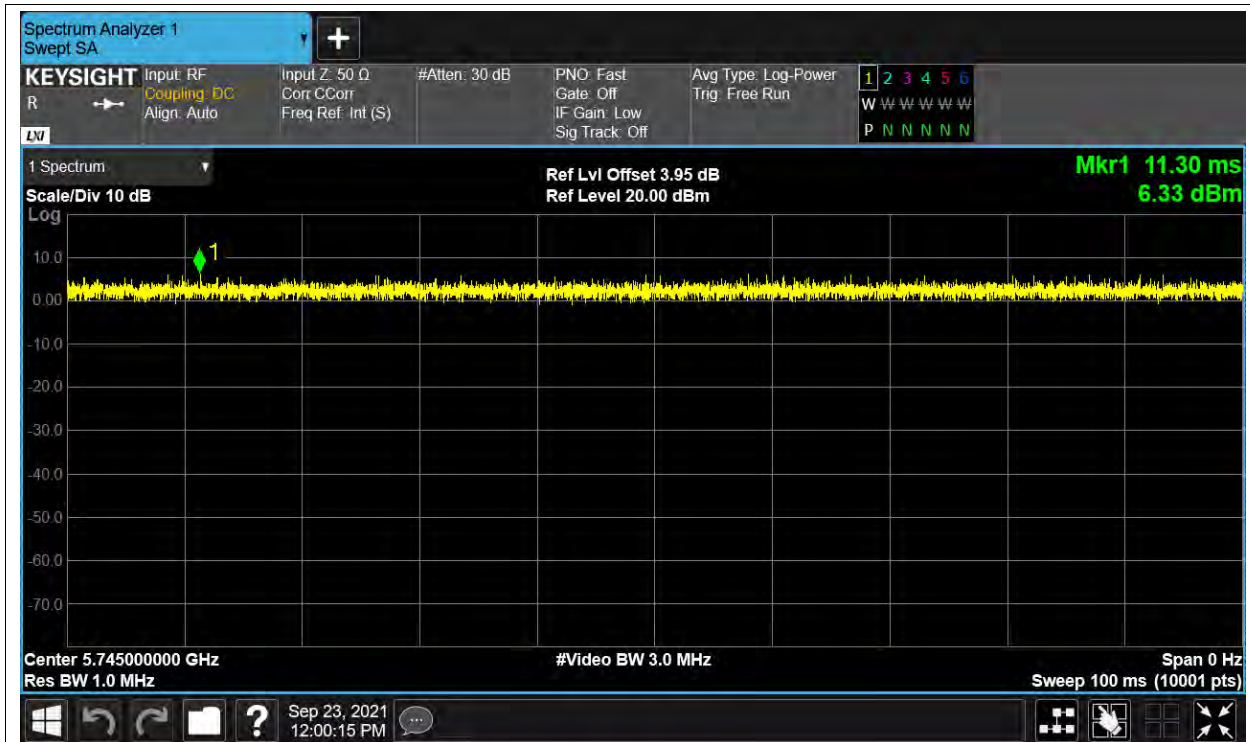
Duty Cycle NVNT ax40 5795MHz MIMO



Duty Cycle NVNT ax80 5775MHz MIMO



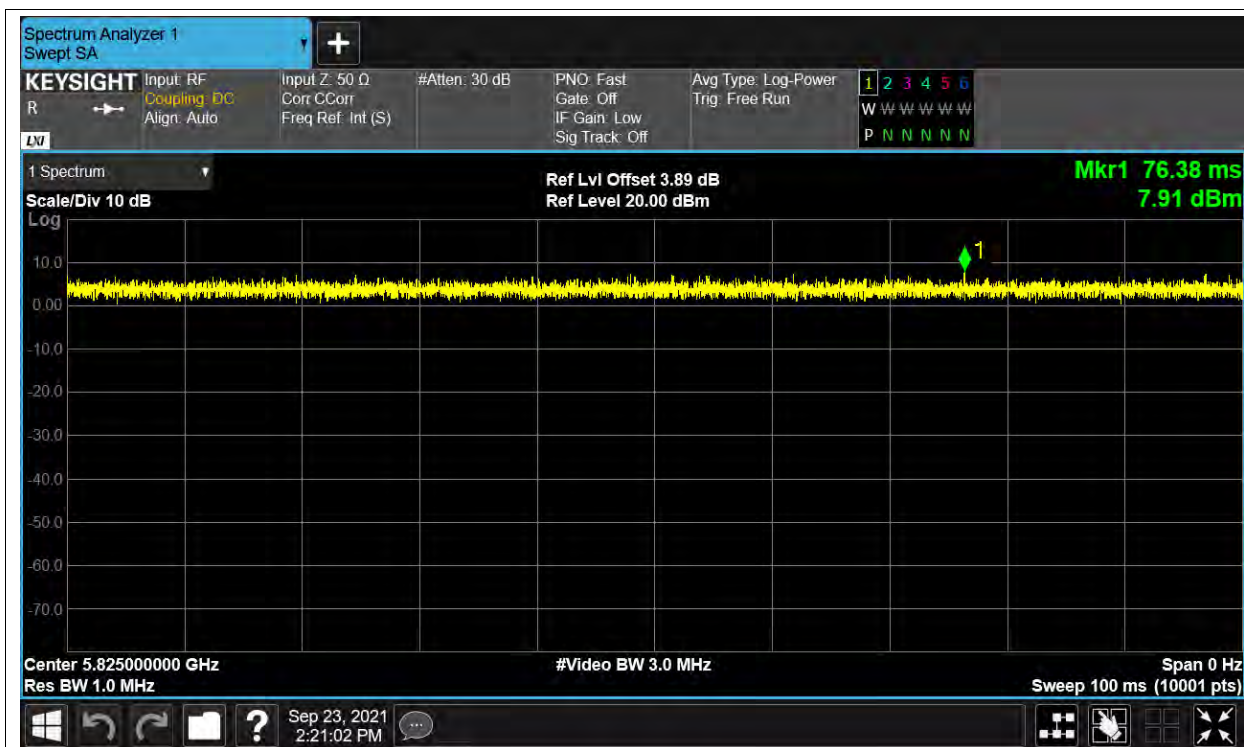
Duty Cycle NVNT n20 5745MHz MIMO



Duty Cycle NVNT n20 5785MHz MIMO



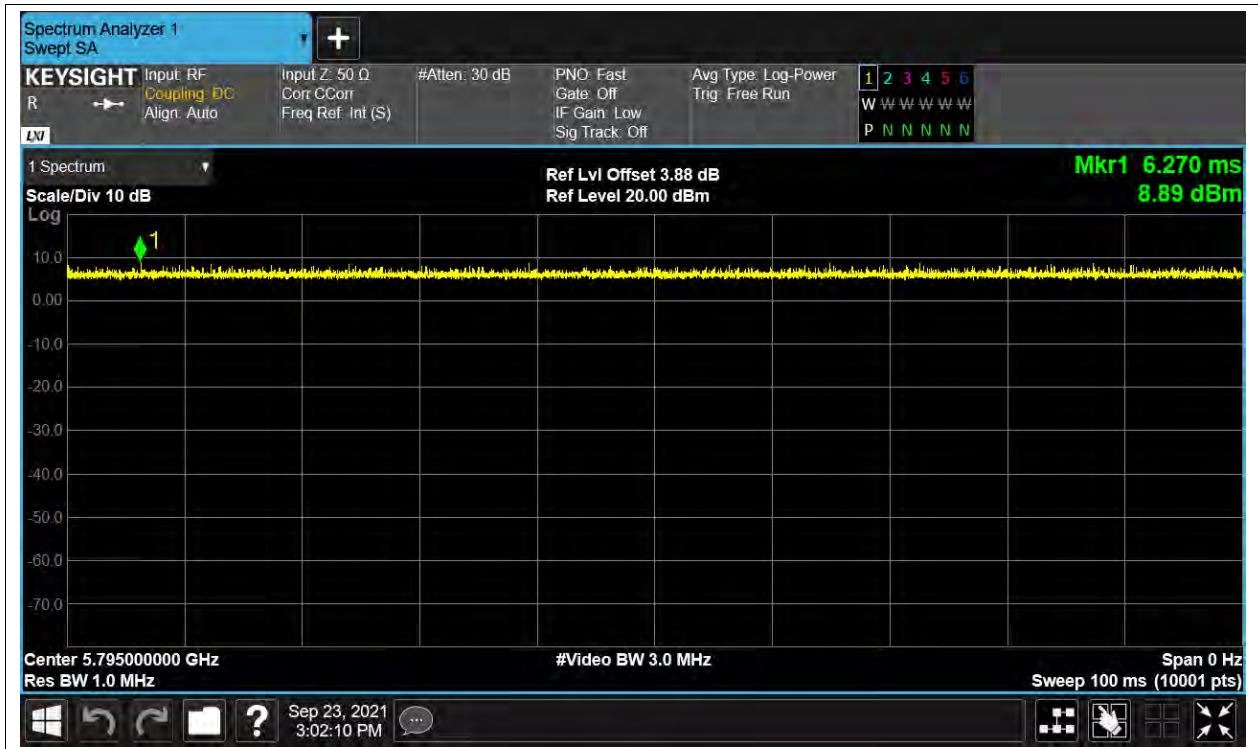
Duty Cycle NVNT n20 5825MHz MIMO



Duty Cycle NVNT n40 5755MHz MIMO



Duty Cycle NVNT n40 5795MHz MIMO



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	8.09	0	8.09	30	Pass
NVNT	a	5785	ANT1	8.67	0	8.67	30	Pass
NVNT	a	5825	ANT1	10.87	0	10.87	30	Pass
NVNT	a	5745	ANT2	15.02	0	15.02	30	Pass
NVNT	a	5785	ANT2	13.56	0	13.56	30	Pass
NVNT	a	5825	ANT2	15.36	0	15.36	30	Pass
NVNT	ac20	5745	ANT1	9.41	0	9.41	30	Pass
NVNT	ac20	5745	ANT2	14.36	0	14.36	30	Pass
NVNT	ac20	5745	MIMO	15.565	0	15.565	30	Pass
NVNT	ac20	5785	ANT1	13.79	0	13.79	30	Pass
NVNT	ac20	5785	ANT2	13.26	0	13.26	30	Pass
NVNT	ac20	5785	MIMO	16.543	0	16.543	30	Pass
NVNT	ac20	5825	ANT1	15.08	0	15.08	30	Pass
NVNT	ac20	5825	ANT2	15.02	0	15.02	30	Pass
NVNT	ac20	5825	MIMO	18.06	0	18.06	30	Pass
NVNT	ac40	5755	ANT1	9.74	0	9.74	30	Pass
NVNT	ac40	5755	ANT2	14.18	0	14.18	30	Pass
NVNT	ac40	5755	MIMO	15.515	0	15.515	30	Pass
NVNT	ac40	5795	ANT1	13.14	0	13.14	30	Pass
NVNT	ac40	5795	ANT2	12.88	0	12.88	30	Pass
NVNT	ac40	5795	MIMO	16.022	0	16.022	30	Pass
NVNT	ac80	5775	ANT1	12.6	0	12.6	30	Pass
NVNT	ac80	5775	ANT2	12.24	0	12.24	30	Pass
NVNT	ac80	5775	MIMO	15.434	0	15.434	30	Pass
NVNT	ax20	5745	ANT1	13.82	0	13.82	30	Pass
NVNT	ax20	5745	ANT2	13.83	0	13.83	30	Pass
NVNT	ax20	5745	MIMO	16.835	0	16.835	30	Pass
NVNT	ax20	5785	ANT1	13.34	0	13.34	30	Pass
NVNT	ax20	5785	ANT2	13.39	0	13.39	30	Pass
NVNT	ax20	5785	MIMO	16.375	0	16.375	30	Pass
NVNT	ax20	5825	ANT1	14.84	0	14.84	30	Pass
NVNT	ax20	5825	ANT2	15.37	0	15.37	30	Pass
NVNT	ax20	5825	MIMO	18.123	0	18.123	30	Pass
NVNT	ax40	5755	ANT1	12.96	0	12.96	30	Pass
NVNT	ax40	5755	ANT2	13.35	0	13.35	30	Pass
NVNT	ax40	5755	MIMO	16.17	0	16.17	30	Pass
NVNT	ax40	5795	ANT1	12.97	0	12.97	30	Pass
NVNT	ax40	5795	ANT2	14.57	0	14.57	30	Pass

NVNT	ax40	5795	MIMO	16.854	0	16.854	30	Pass
NVNT	ax80	5775	ANT1	12.79	0	12.79	30	Pass
NVNT	ax80	5775	ANT2	12.78	0	12.78	30	Pass
NVNT	ax80	5775	MIMO	15.795	0	15.795	30	Pass
NVNT	n20	5745	ANT1	10.57	0	10.57	30	Pass
NVNT	n20	5745	ANT2	13.05	0	13.05	30	Pass
NVNT	n20	5745	MIMO	14.995	0	14.995	30	Pass
NVNT	n20	5785	ANT1	9.99	0	9.99	30	Pass
NVNT	n20	5785	ANT2	13.57	0	13.57	30	Pass
NVNT	n20	5785	MIMO	15.149	0	15.149	30	Pass
NVNT	n20	5825	ANT1	11.99	0	11.99	30	Pass
NVNT	n20	5825	ANT2	14.77	0	14.77	30	Pass
NVNT	n20	5825	MIMO	16.609	0	16.609	30	Pass
NVNT	n40	5755	ANT1	13.09	0	13.09	30	Pass
NVNT	n40	5755	ANT2	12.74	0	12.74	30	Pass
NVNT	n40	5755	MIMO	15.929	0	15.929	30	Pass
NVNT	n40	5795	ANT1	9.99	0	9.99	30	Pass
NVNT	n40	5795	ANT2	14.49	0	14.49	30	Pass
NVNT	n40	5795	MIMO	15.809	0	15.809	30	Pass

-26dB Bandwidth

Condition	Mode	Frequency (MHz)	Antenna	-26 dB Bandwidth (MHz)	Limit -26 dB Bandwidth (MHz)	Verdict
NVNT	a	5745	ANT1	24.927	0.5	Pass
NVNT	a	5785	ANT1	24.665	0.5	Pass
NVNT	a	5825	ANT1	26.195	0.5	Pass
NVNT	a	5745	ANT2	24.979	0.5	Pass
NVNT	a	5785	ANT2	27.085	0.5	Pass
NVNT	a	5825	ANT2	23.515	0.5	Pass
NVNT	ac20	5745	ANT1	25.966	0.5	Pass
NVNT	ac20	5745	ANT2	26.925	0.5	Pass
NVNT	ac20	5785	ANT1	25.877	0.5	Pass
NVNT	ac20	5785	ANT2	25.512	0.5	Pass
NVNT	ac20	5825	ANT1	25.504	0.5	Pass
NVNT	ac20	5825	ANT2	24.457	0.5	Pass
NVNT	ac40	5755	ANT1	39.826	0.5	Pass
NVNT	ac40	5755	ANT2	40.167	0.5	Pass
NVNT	ac40	5795	ANT1	39.322	0.5	Pass
NVNT	ac40	5795	ANT2	39.529	0.5	Pass
NVNT	ac80	5775	ANT1	79.255	0.5	Pass
NVNT	ac80	5775	ANT2	77.693	0.5	Pass
NVNT	ax20	5745	ANT1	21.545	0.5	Pass
NVNT	ax20	5745	ANT2	22.964	0.5	Pass
NVNT	ax20	5785	ANT1	21.815	0.5	Pass
NVNT	ax20	5785	ANT2	21.841	0.5	Pass
NVNT	ax20	5825	ANT1	21.76	0.5	Pass
NVNT	ax20	5825	ANT2	21.625	0.5	Pass
NVNT	ax40	5755	ANT1	39.205	0.5	Pass
NVNT	ax40	5755	ANT2	40.85	0.5	Pass
NVNT	ax40	5795	ANT1	40.479	0.5	Pass
NVNT	ax40	5795	ANT2	39.128	0.5	Pass
NVNT	ax80	5775	ANT1	79.291	0.5	Pass
NVNT	ax80	5775	ANT2	80.094	0.5	Pass
NVNT	n20	5745	ANT1	24.681	0.5	Pass
NVNT	n20	5745	ANT2	25.575	0.5	Pass
NVNT	n20	5785	ANT1	25.87	0.5	Pass
NVNT	n20	5785	ANT2	25.164	0.5	Pass
NVNT	n20	5825	ANT1	25.697	0.5	Pass
NVNT	n20	5825	ANT2	24.766	0.5	Pass
NVNT	n40	5755	ANT1	39.67	0.5	Pass
NVNT	n40	5755	ANT2	39.031	0.5	Pass
NVNT	n40	5795	ANT1	39.471	0.5	Pass

NVNT	n40	5795	ANT2	39.398	0.5	Pass
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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



-26dB Bandwidth NVNT ac40 5795MHz ANT2



-26dB Bandwidth NVNT ac80 5775MHz ANT1



-26dB Bandwidth NVNT ac80 5775MHz ANT2



-26dB Bandwidth NVNT ax20 5745MHz ANT1



-26dB Bandwidth NVNT ax20 5745MHz ANT2



-26dB Bandwidth NVNT ax20 5785MHz ANT1



-26dB Bandwidth NVNT ax20 5785MHz ANT2



-26dB Bandwidth NVNT ax20 5825MHz ANT1



-26dB Bandwidth NVNT ax20 5825MHz ANT2



-26dB Bandwidth NVNT ax40 5755MHz ANT1



-26dB Bandwidth NVNT ax40 5755MHz ANT2



-26dB Bandwidth NVNT ax40 5795MHz ANT1



-26dB Bandwidth NVNT ax40 5795MHz ANT2



-26dB Bandwidth NVNT ax80 5775MHz ANT1



-26dB Bandwidth NVNT ax80 5775MHz ANT2



-26dB Bandwidth NVNT n20 5745MHz ANT1



-26dB Bandwidth NVNT n20 5745MHz ANT2



-26dB Bandwidth NVNT n20 5785MHz ANT1



-26dB Bandwidth NVNT n20 5785MHz ANT2



-26dB Bandwidth NVNT n20 5825MHz ANT1



-26dB Bandwidth NVNT n20 5825MHz ANT2



-26dB Bandwidth NVNT n40 5755MHz ANT1



-26dB Bandwidth NVNT n40 5755MHz ANT2



-26dB Bandwidth NVNT n40 5795MHz ANT1



-26dB Bandwidth NVNT n40 5795MHz ANT2



-6dB Bandwidth

Condition	Mode	Frequency (MHz)	Antenna	-6 dB Bandwidth (MHz)	Limit -6 dB Bandwidth (MHz)	Verdict
NVNT	a	5745	ANT1	16.284	0.5	Pass
NVNT	a	5785	ANT1	15.029	0.5	Pass
NVNT	a	5825	ANT1	15.074	0.5	Pass
NVNT	a	5745	ANT2	15.673	0.5	Pass
NVNT	a	5785	ANT2	14.692	0.5	Pass
NVNT	a	5825	ANT2	15.401	0.5	Pass
NVNT	ac20	5745	ANT1	15.68	0.5	Pass
NVNT	ac20	5745	ANT2	15.047	0.5	Pass
NVNT	ac20	5785	ANT1	15.074	0.5	Pass
NVNT	ac20	5785	ANT2	13.768	0.5	Pass
NVNT	ac20	5825	ANT1	12.268	0.5	Pass
NVNT	ac20	5825	ANT2	13.761	0.5	Pass
NVNT	ac40	5755	ANT1	33.827	0.5	Pass
NVNT	ac40	5755	ANT2	35.04	0.5	Pass
NVNT	ac40	5795	ANT1	35.071	0.5	Pass
NVNT	ac40	5795	ANT2	33.834	0.5	Pass
NVNT	ac80	5775	ANT1	75.645	0.5	Pass
NVNT	ac80	5775	ANT2	75.736	0.5	Pass
NVNT	ax20	5745	ANT1	14.794	0.5	Pass
NVNT	ax20	5745	ANT2	15.087	0.5	Pass
NVNT	ax20	5785	ANT1	15.209	0.5	Pass
NVNT	ax20	5785	ANT2	15.556	0.5	Pass
NVNT	ax20	5825	ANT1	15.896	0.5	Pass
NVNT	ax20	5825	ANT2	16.517	0.5	Pass
NVNT	ax40	5755	ANT1	37.425	0.5	Pass
NVNT	ax40	5755	ANT2	35.057	0.5	Pass
NVNT	ax40	5795	ANT1	35.122	0.5	Pass
NVNT	ax40	5795	ANT2	36.39	0.5	Pass
NVNT	ax80	5775	ANT1	77.539	0.5	Pass
NVNT	ax80	5775	ANT2	75.379	0.5	Pass
NVNT	n20	5745	ANT1	15.135	0.5	Pass
NVNT	n20	5745	ANT2	15.113	0.5	Pass
NVNT	n20	5785	ANT1	16.865	0.5	Pass
NVNT	n20	5785	ANT2	15.096	0.5	Pass
NVNT	n20	5825	ANT1	14.999	0.5	Pass
NVNT	n20	5825	ANT2	15.757	0.5	Pass
NVNT	n40	5755	ANT1	32.513	0.5	Pass
NVNT	n40	5755	ANT2	33.802	0.5	Pass
NVNT	n40	5795	ANT1	33.796	0.5	Pass