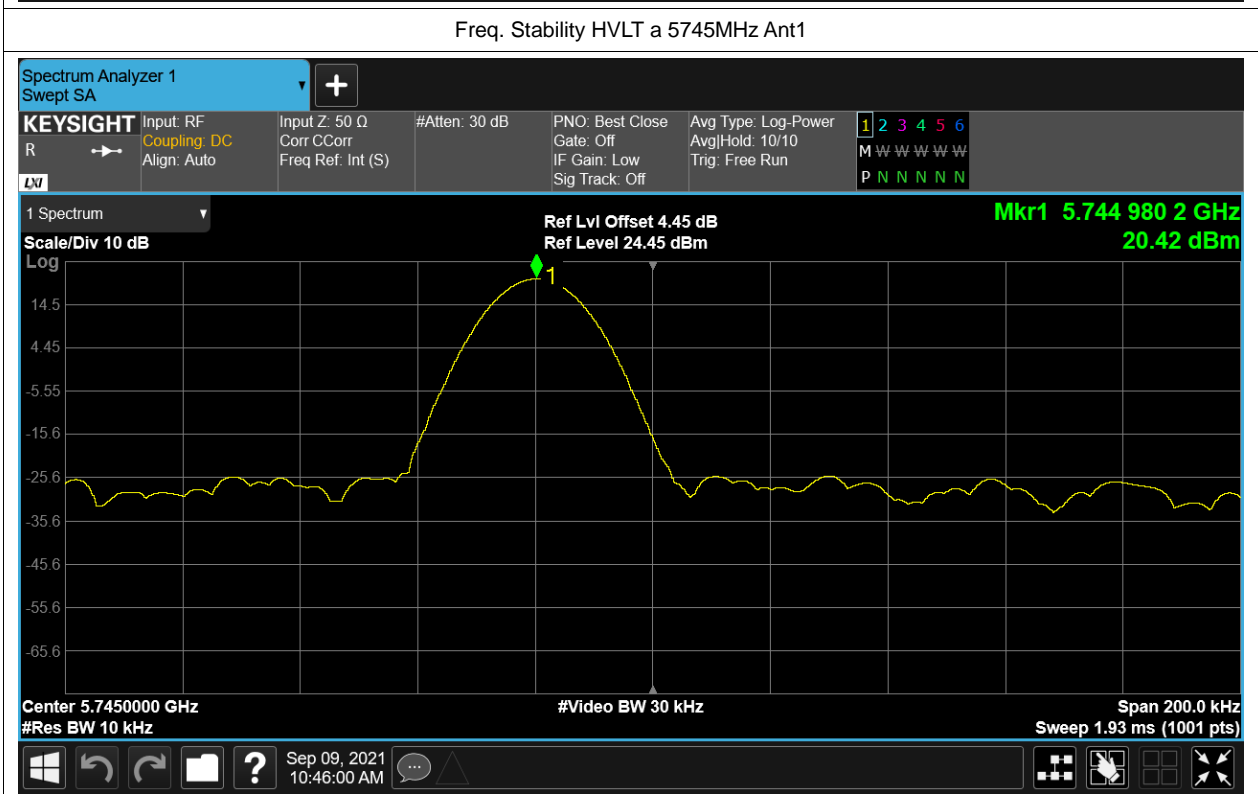


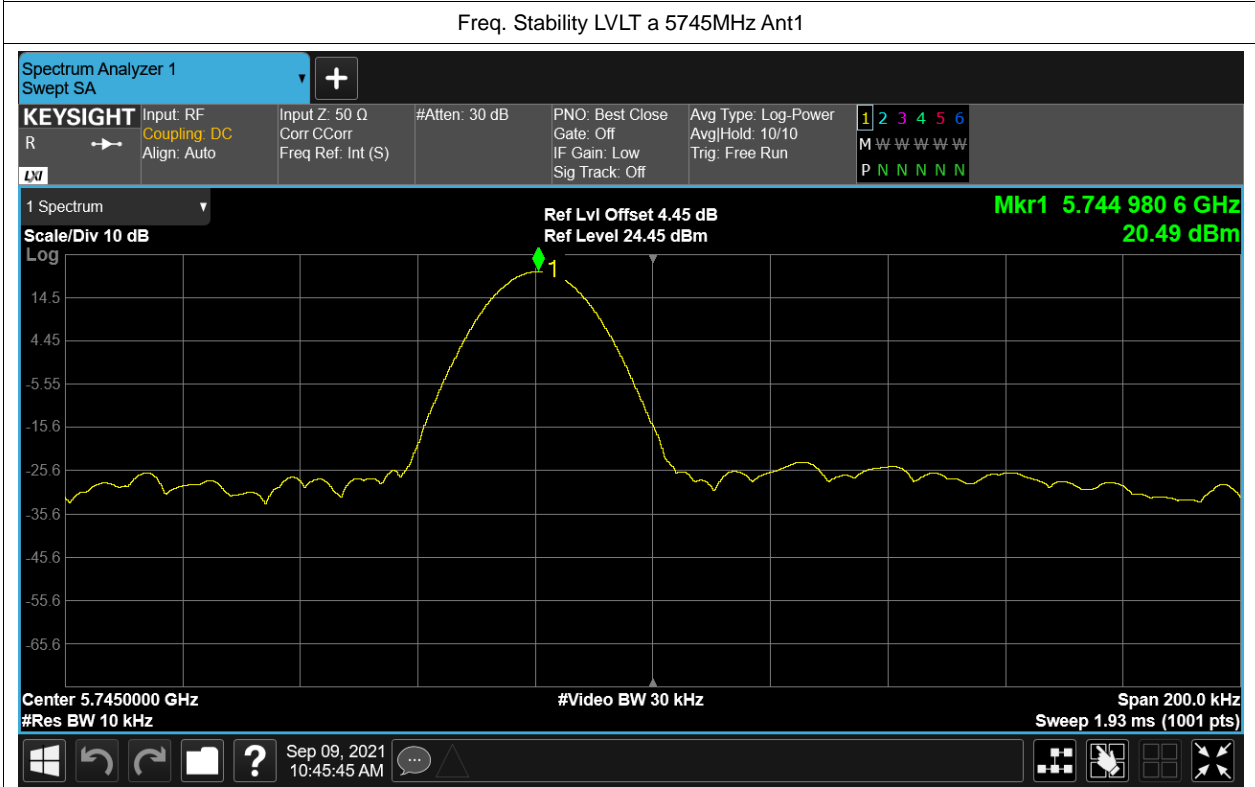
Test Data

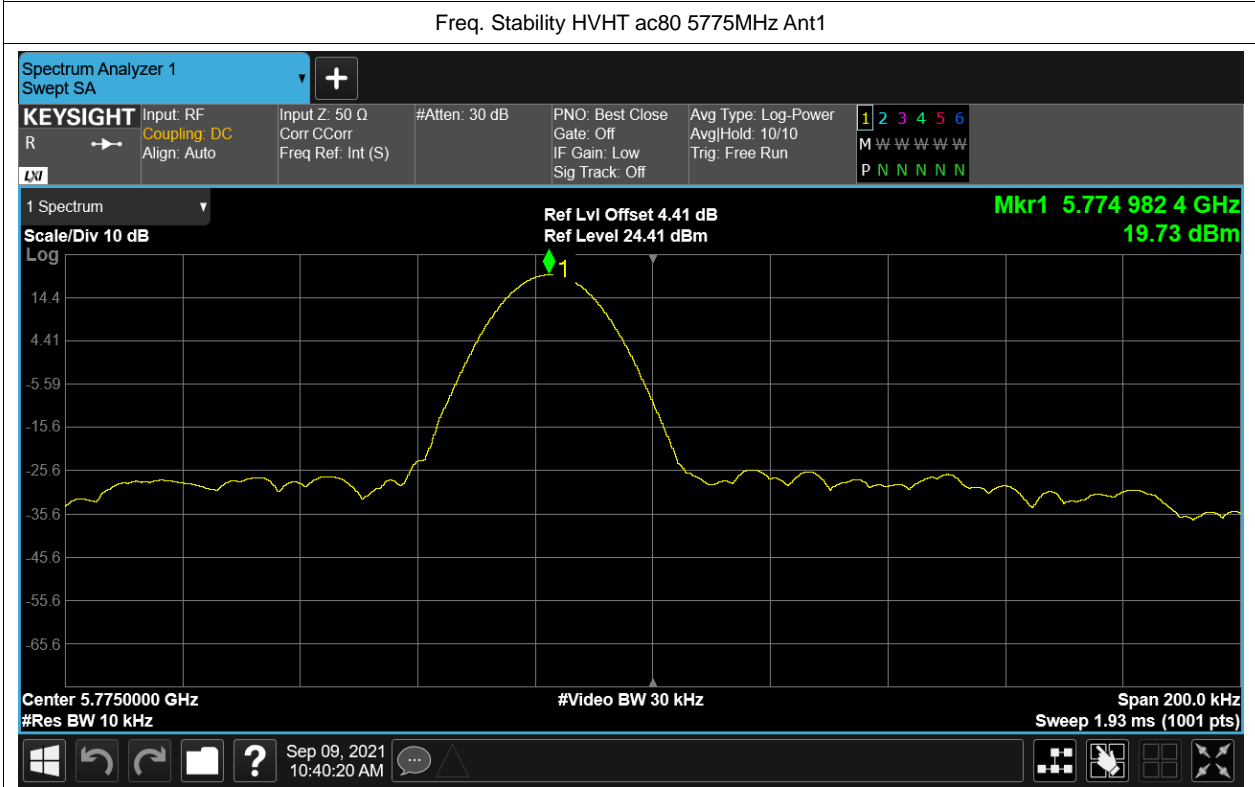
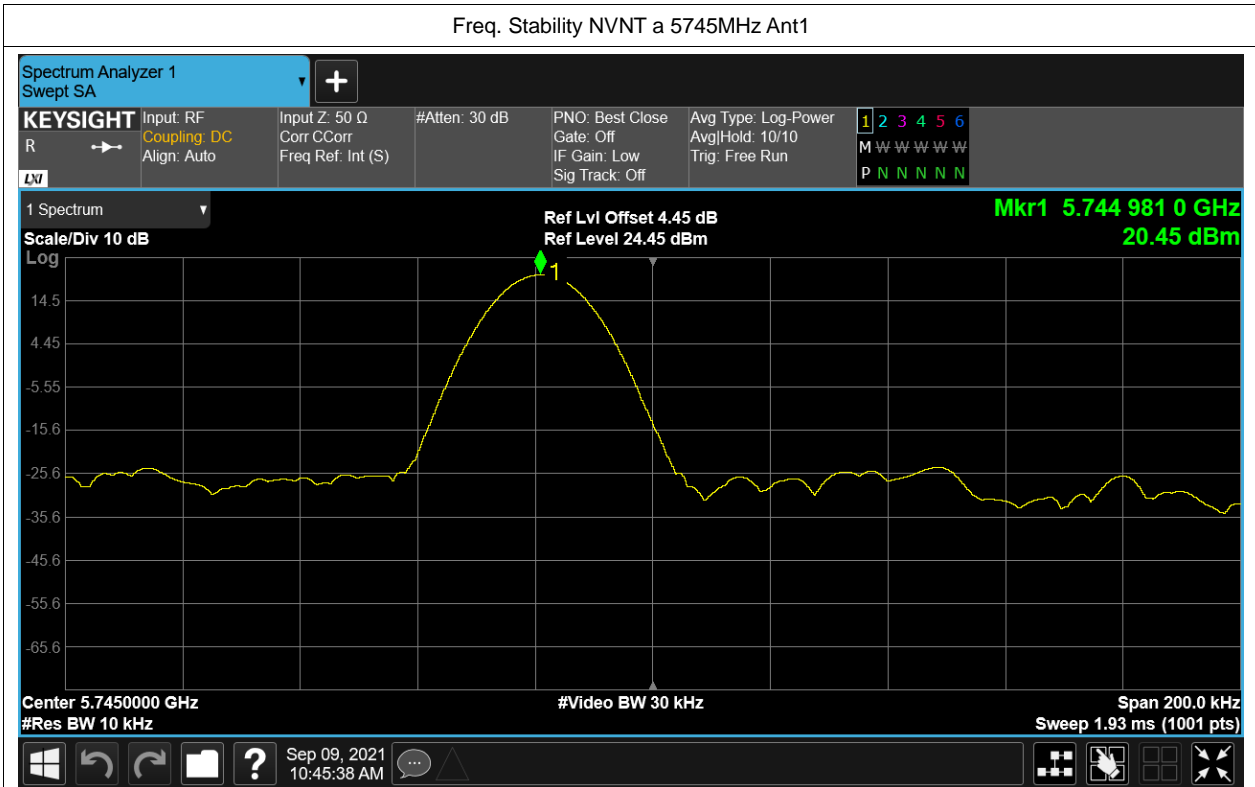
Frequency Stability (worst case mode)

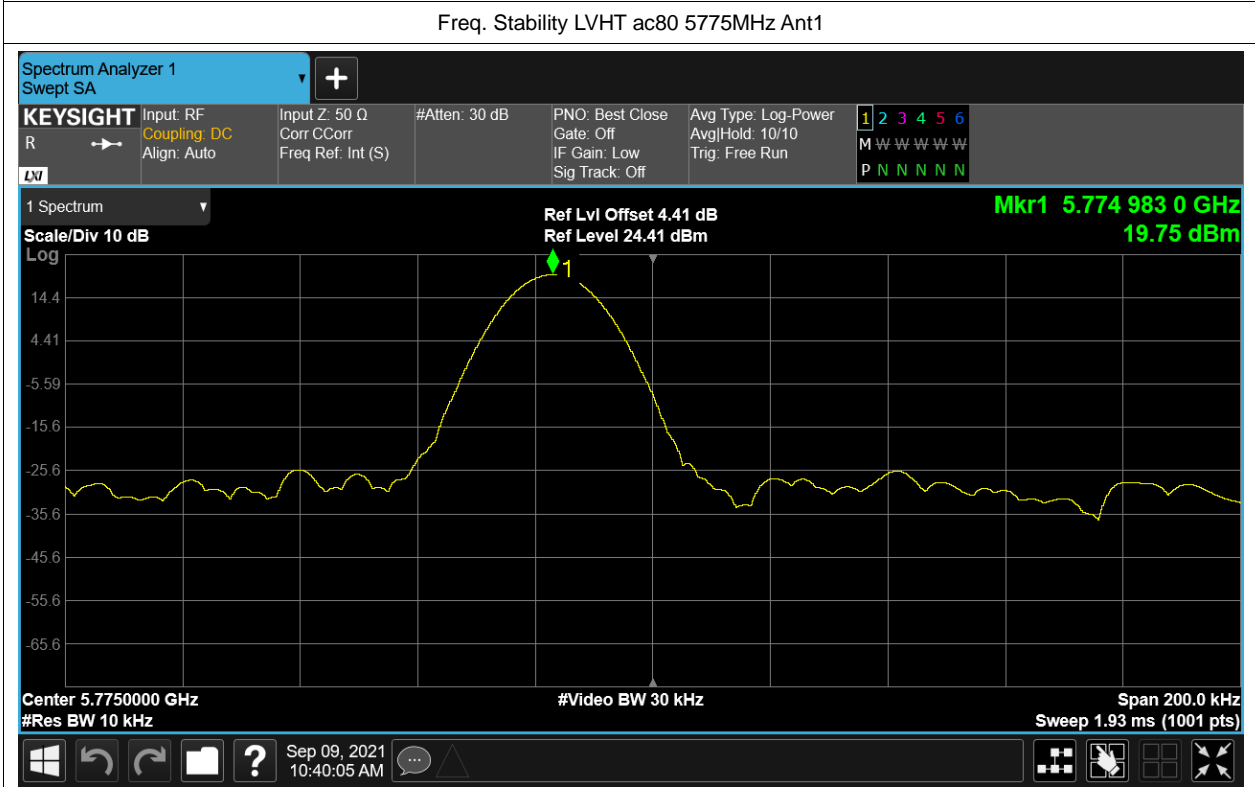
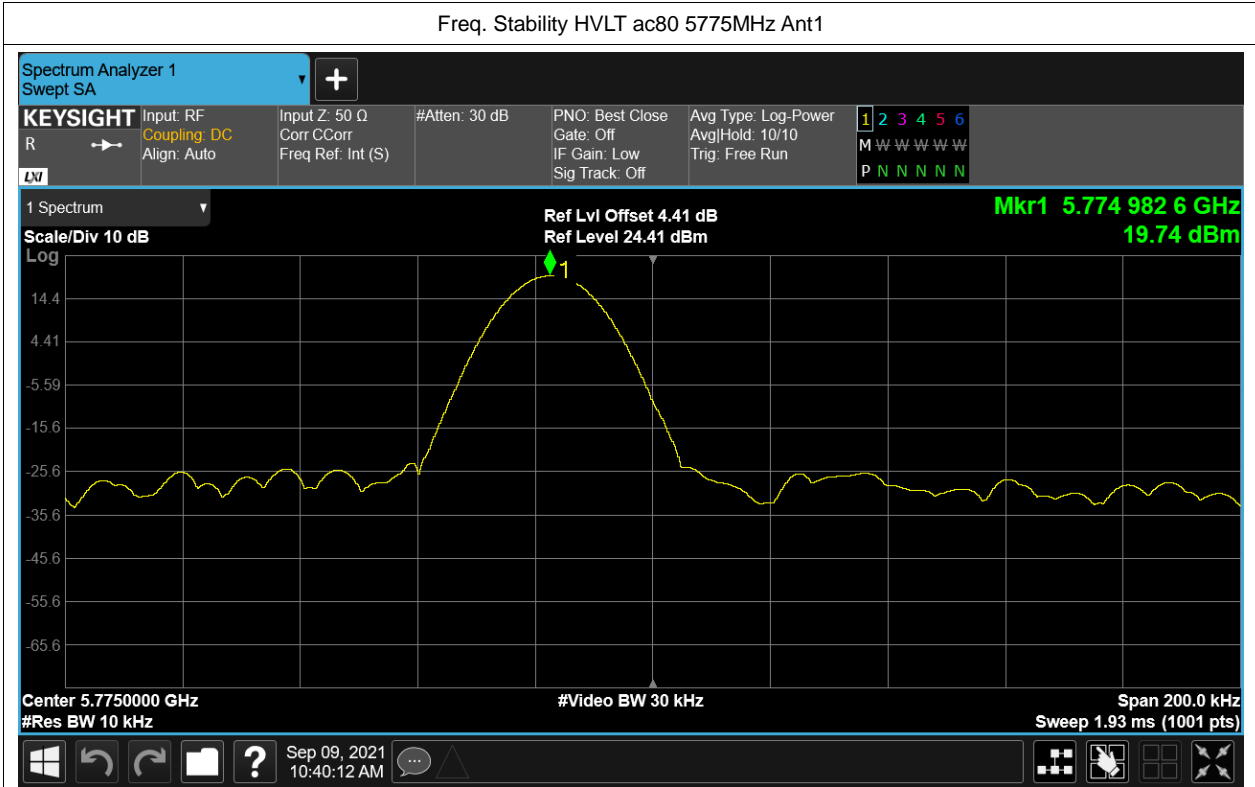
Condition	Mode	Frequency (MHz)	Antenna	Measured Frequency (MHz)	Deviation (ppm)	Limit (ppm)	Verdict
HVHT	a	5745	Ant1	5744.9802	-3.45	25	Pass
HVLT	a	5745	Ant1	5744.9802	-3.45	25	Pass
LVHT	a	5745	Ant1	5744.9804	-3.41	25	Pass
LVLT	a	5745	Ant1	5744.9806	-3.38	25	Pass
NVNT	a	5745	Ant1	5744.981	-3.31	25	Pass
HVHT	ac80	5775	Ant1	5774.9824	-3.05	25	Pass
HVLT	ac80	5775	Ant1	5774.9826	-3.01	25	Pass
LVHT	ac80	5775	Ant1	5774.983	-2.94	25	Pass
LVLT	ac80	5775	Ant1	5774.9834	-2.87	25	Pass
NVNT	ac80	5775	Ant1	5774.9842	-2.74	25	Pass
HVHT	n40	5755	Ant1	5754.9808	-3.34	25	Pass
HVLT	n40	5755	Ant1	5754.9808	-3.34	25	Pass
LVHT	n40	5755	Ant1	5754.981	-3.3	25	Pass
LVLT	n40	5755	Ant1	5754.9812	-3.27	25	Pass
NVNT	n40	5755	Ant1	5754.9816	-3.2	25	Pass

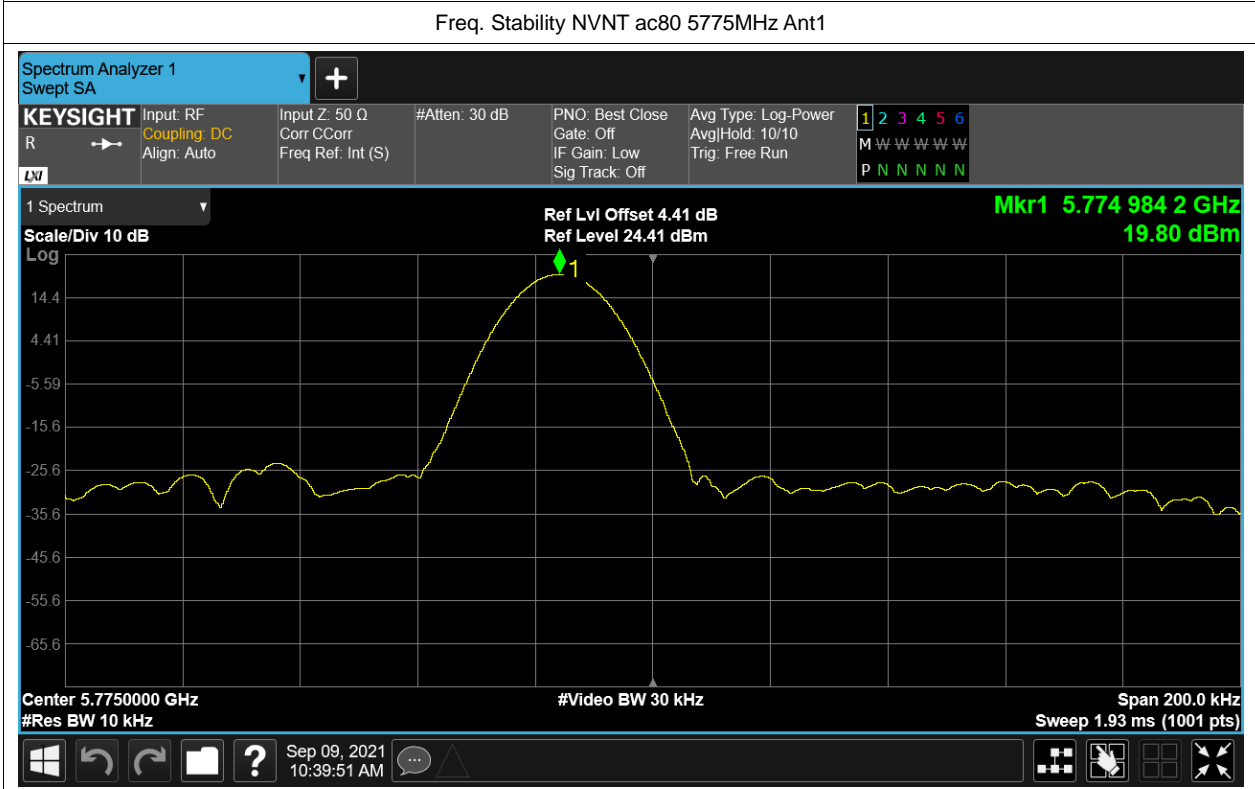
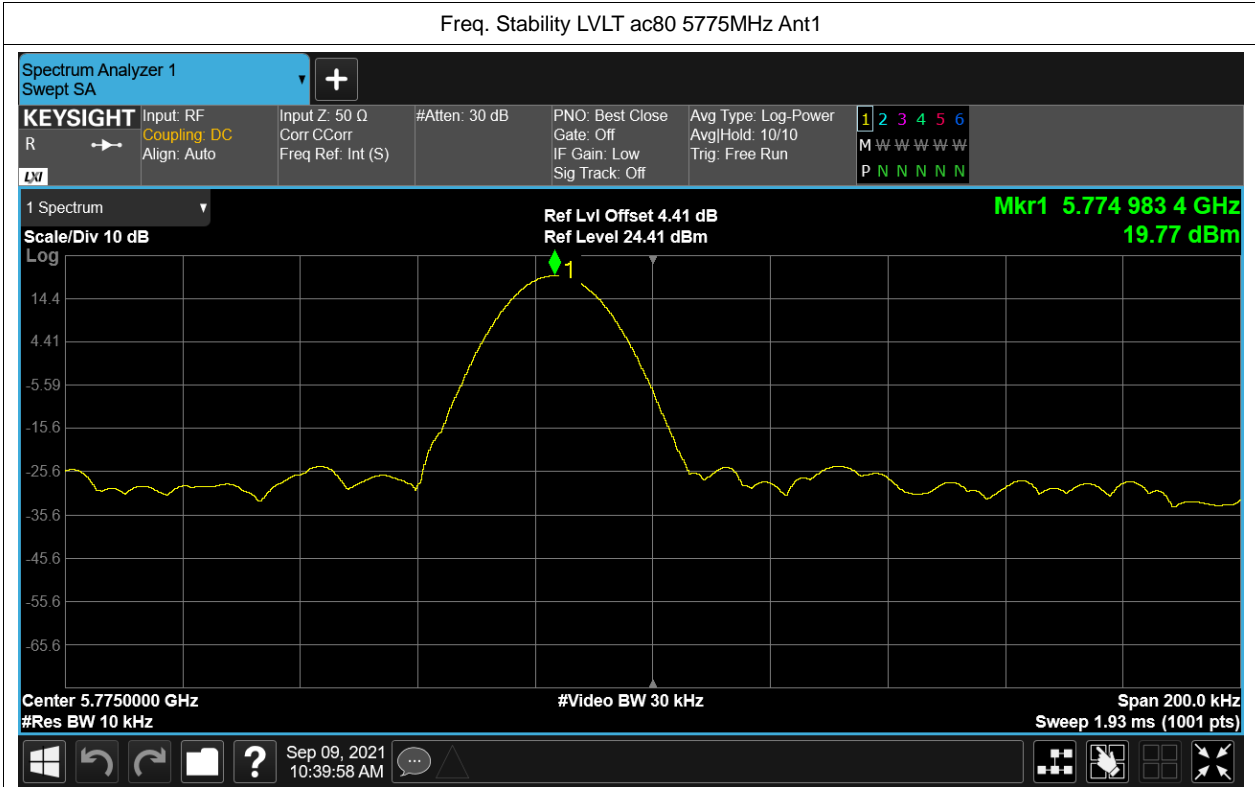
Remark: "NTNV" means Normal Temperature Normal Voltage, "LTLV" means Low Temperature Low Voltage, "LTHV" means Low Temperature High Voltage, "HTLV" means High Temperature Low Voltage, "HTHV" means High Temperature High Voltage.

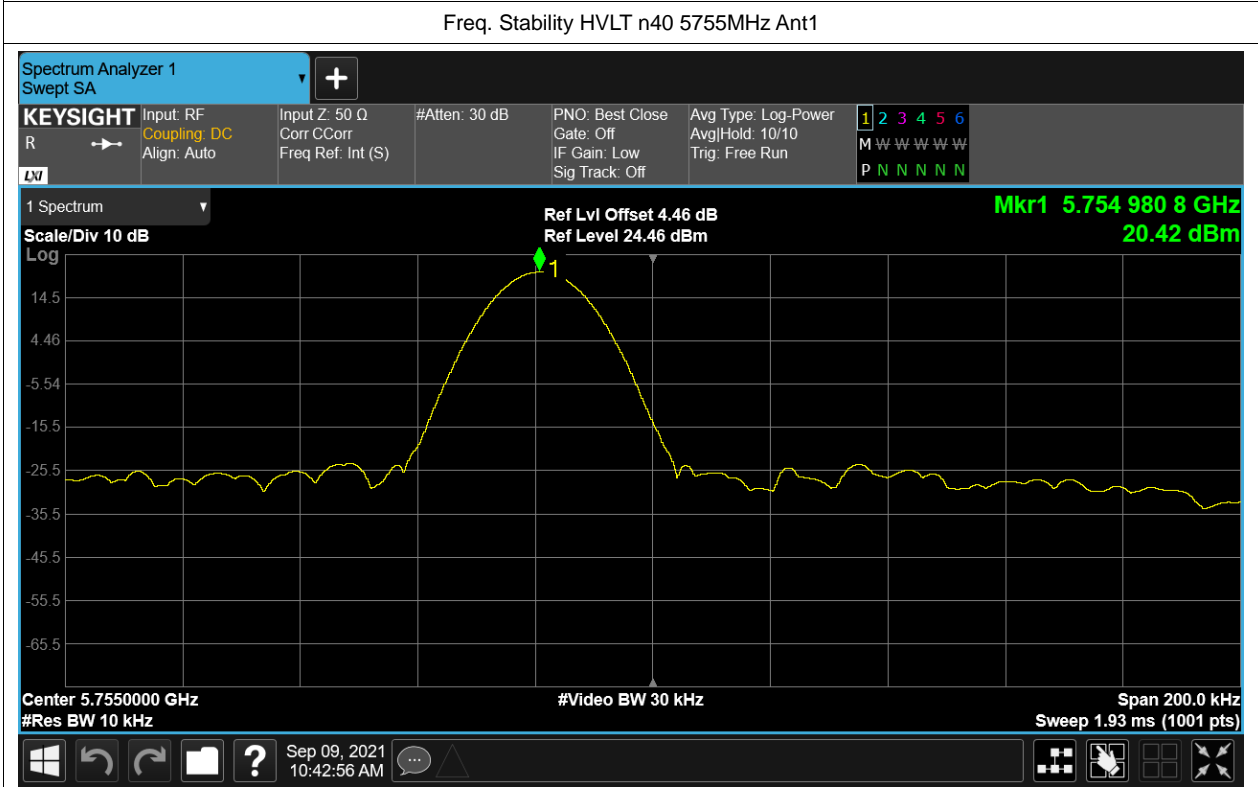
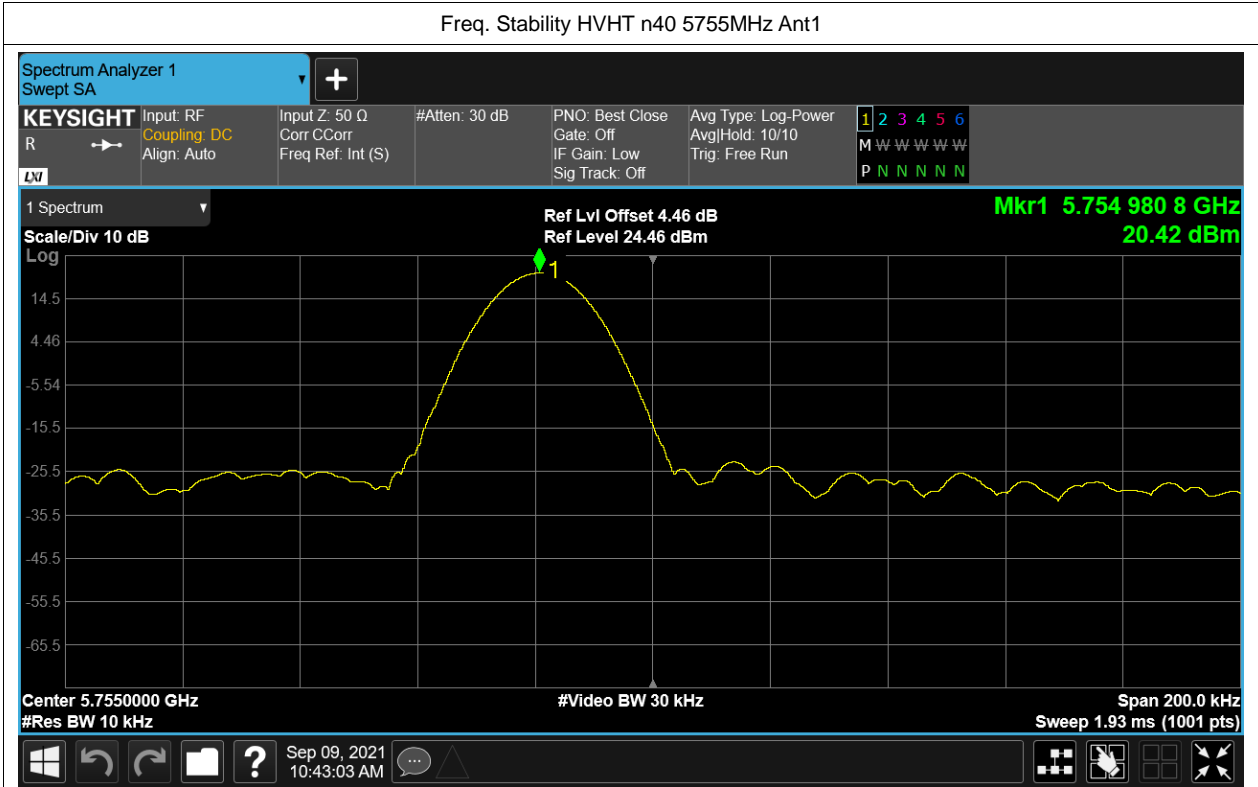


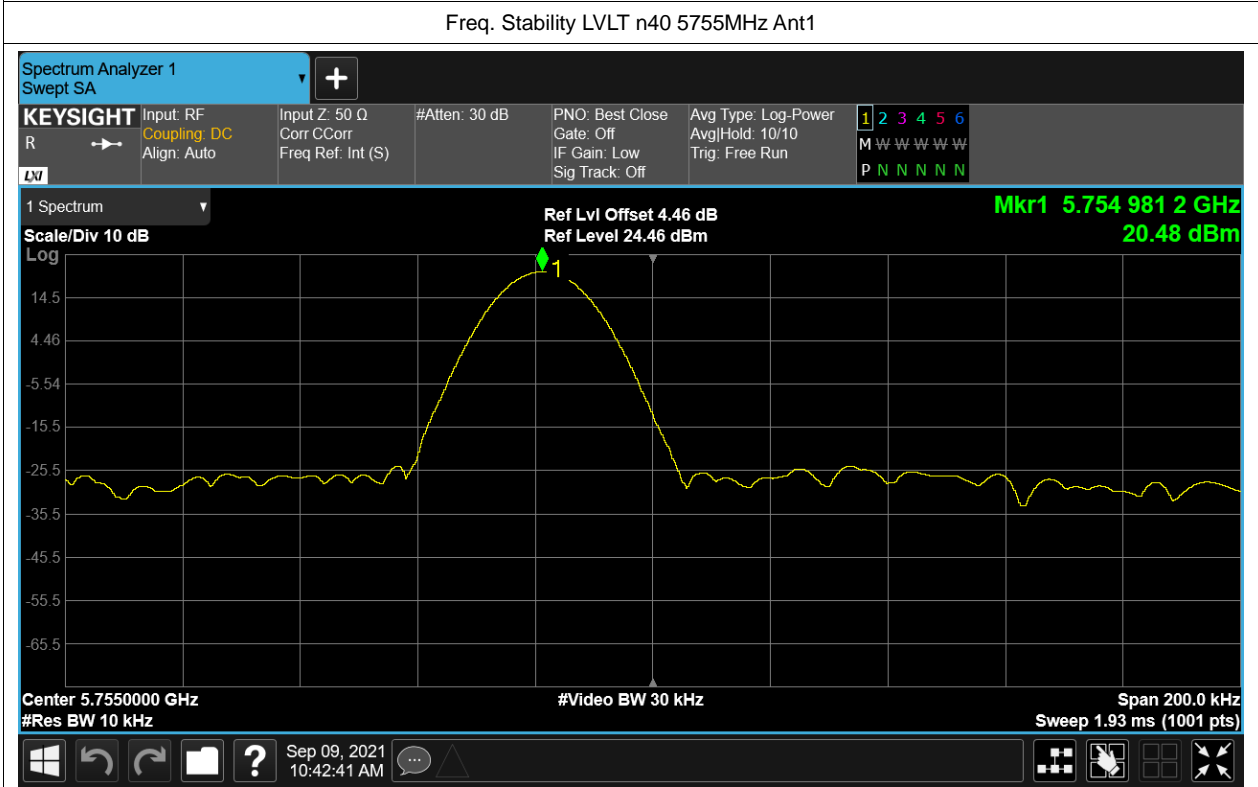
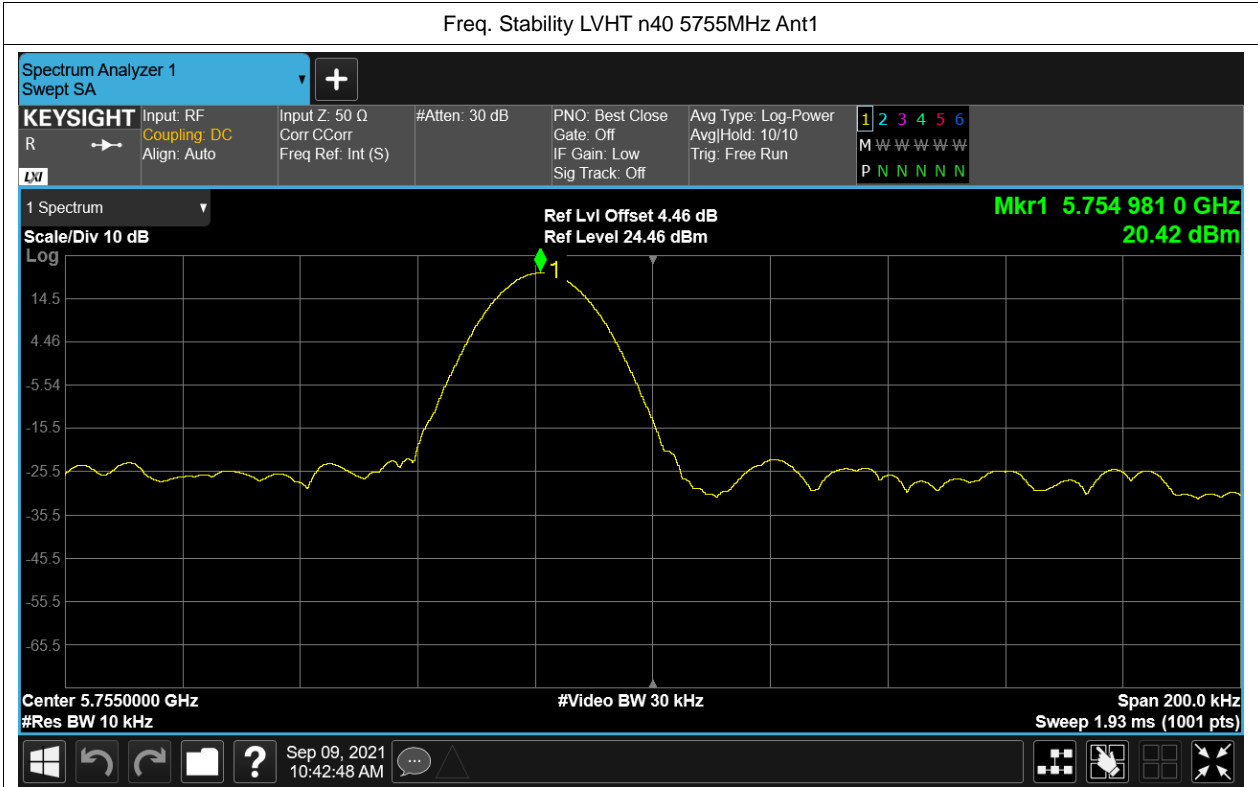


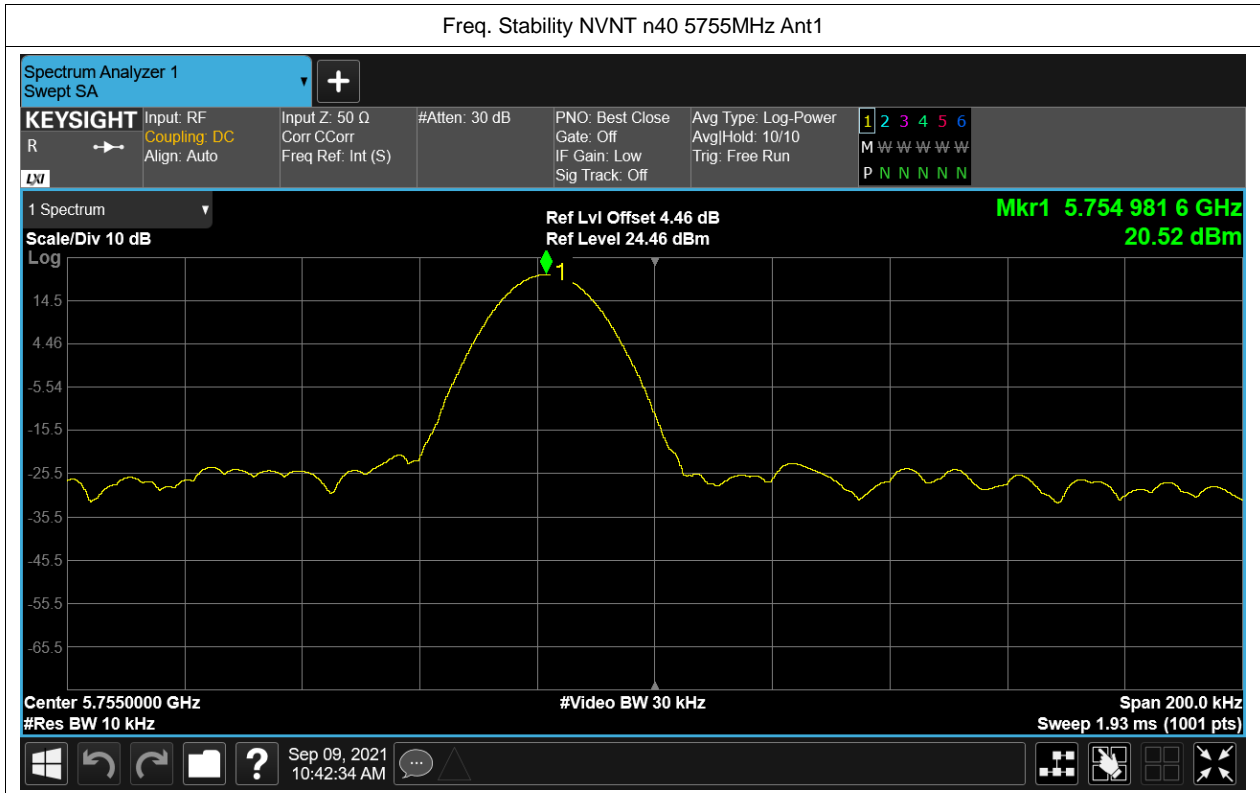










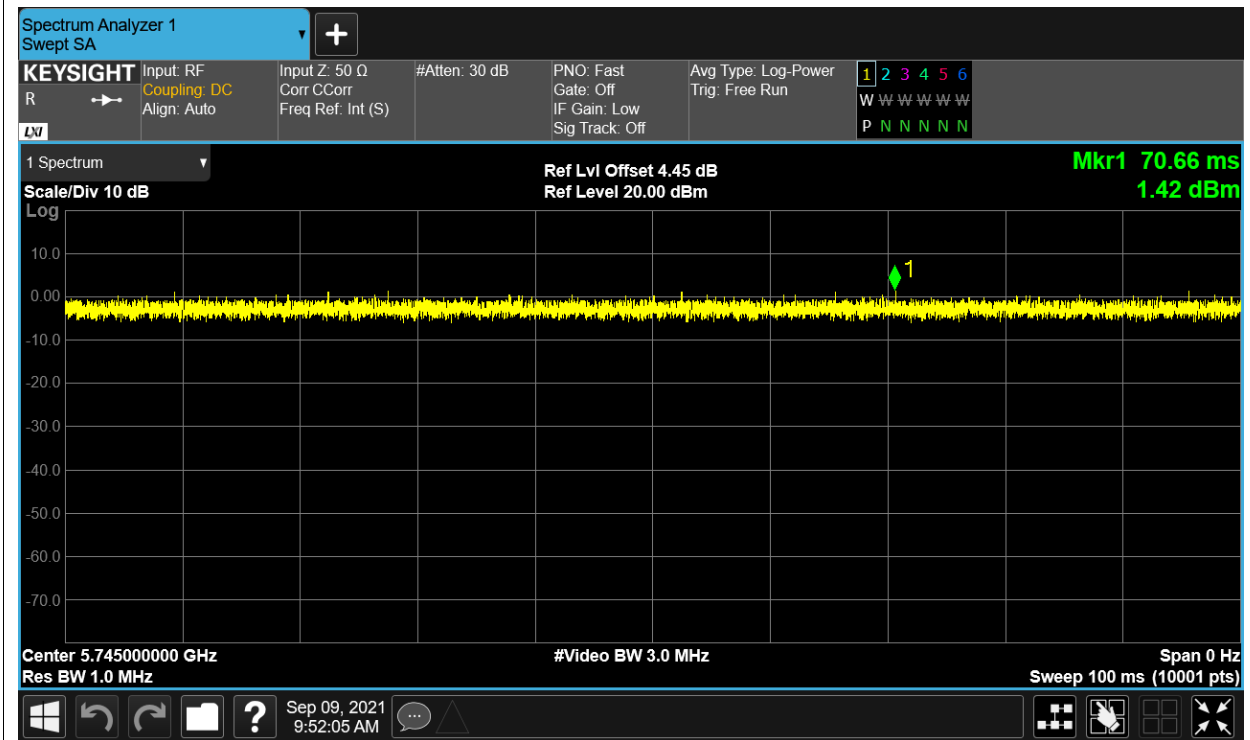


Duty Cycle

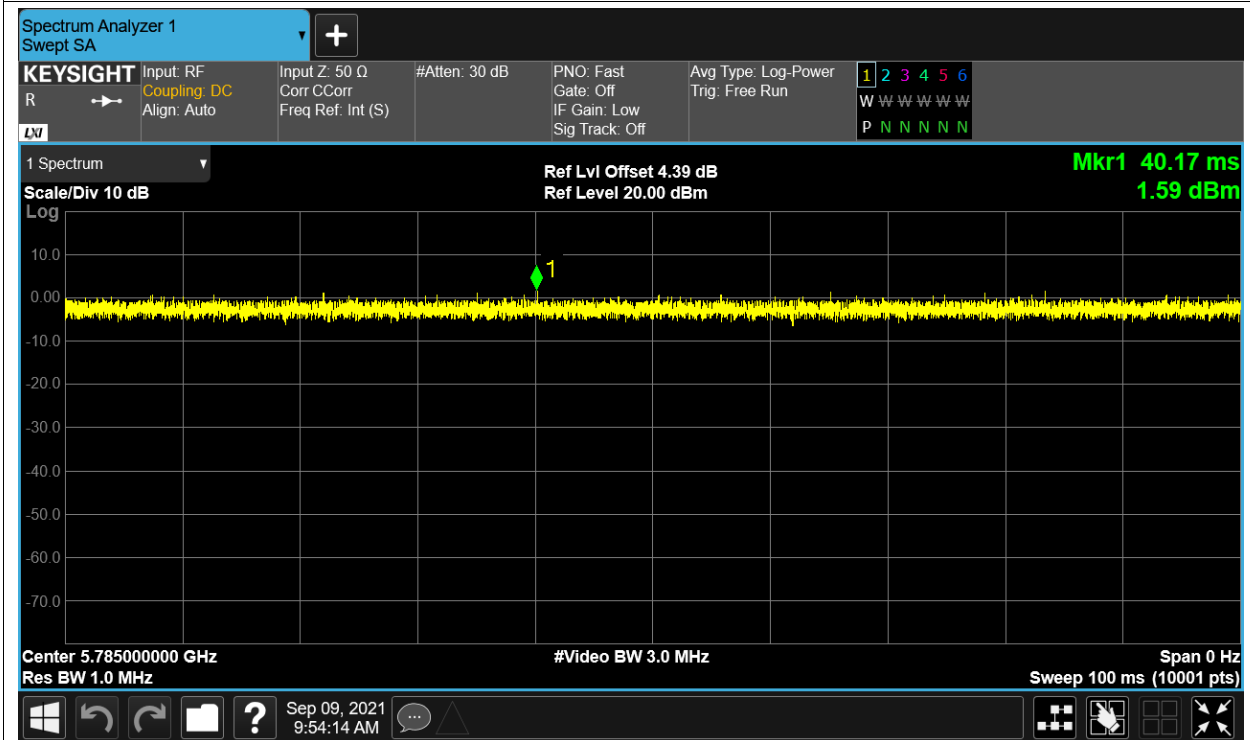
Condition	Mode	Frequency (MHz)	Antenna	Duty Cycle (%)	Correction Factor (dB)
NVNT	a	5745	Ant1	100	0
NVNT	a	5785	Ant1	100	0
NVNT	a	5825	Ant1	100	0
NVNT	ac20	5745	Ant1	100	0
NVNT	ac20	5785	Ant1	100	0
NVNT	ac20	5825	Ant1	100	0
NVNT	ac40	5755	Ant1	100	0
NVNT	ac40	5795	Ant1	100	0
NVNT	ac80	5775	Ant1	100	0
NVNT	n20	5745	Ant1	100	0
NVNT	n20	5785	Ant1	100	0
NVNT	n20	5825	Ant1	100	0
NVNT	n40	5755	Ant1	100	0
NVNT	n40	5795	Ant1	100	0

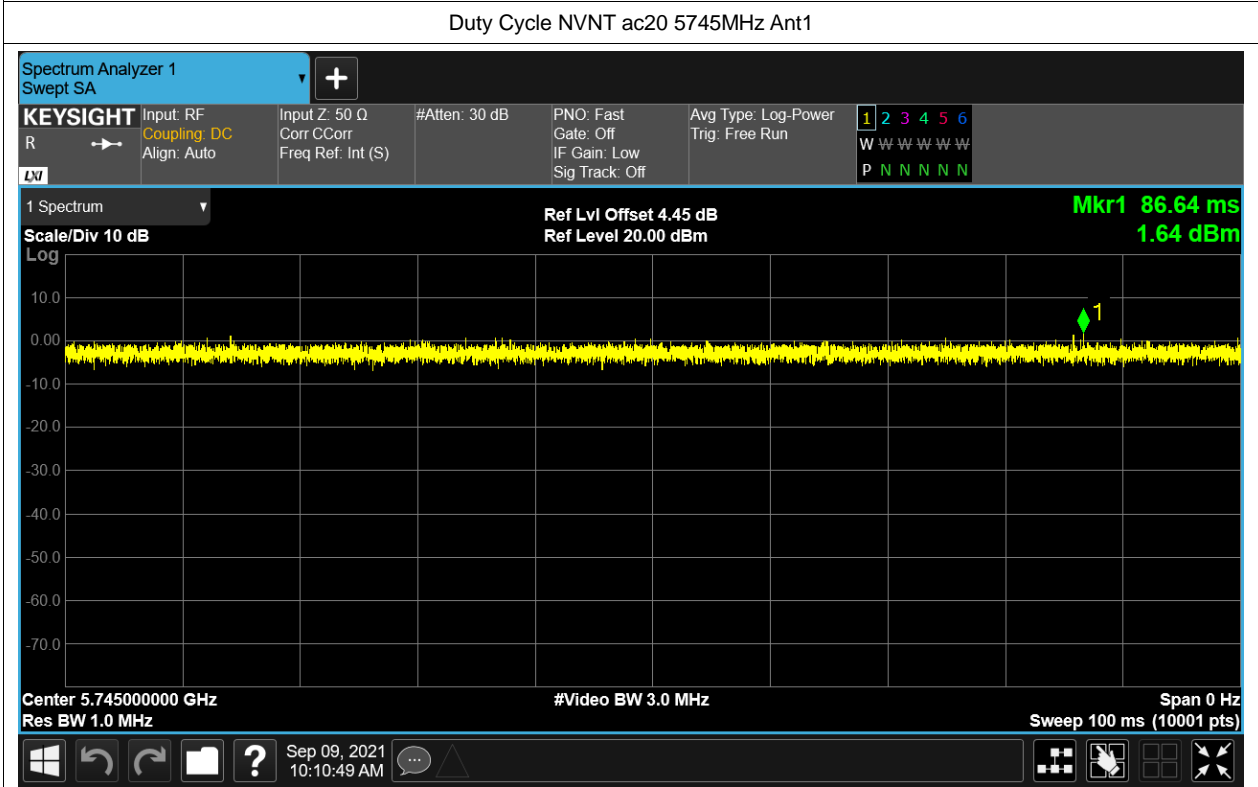
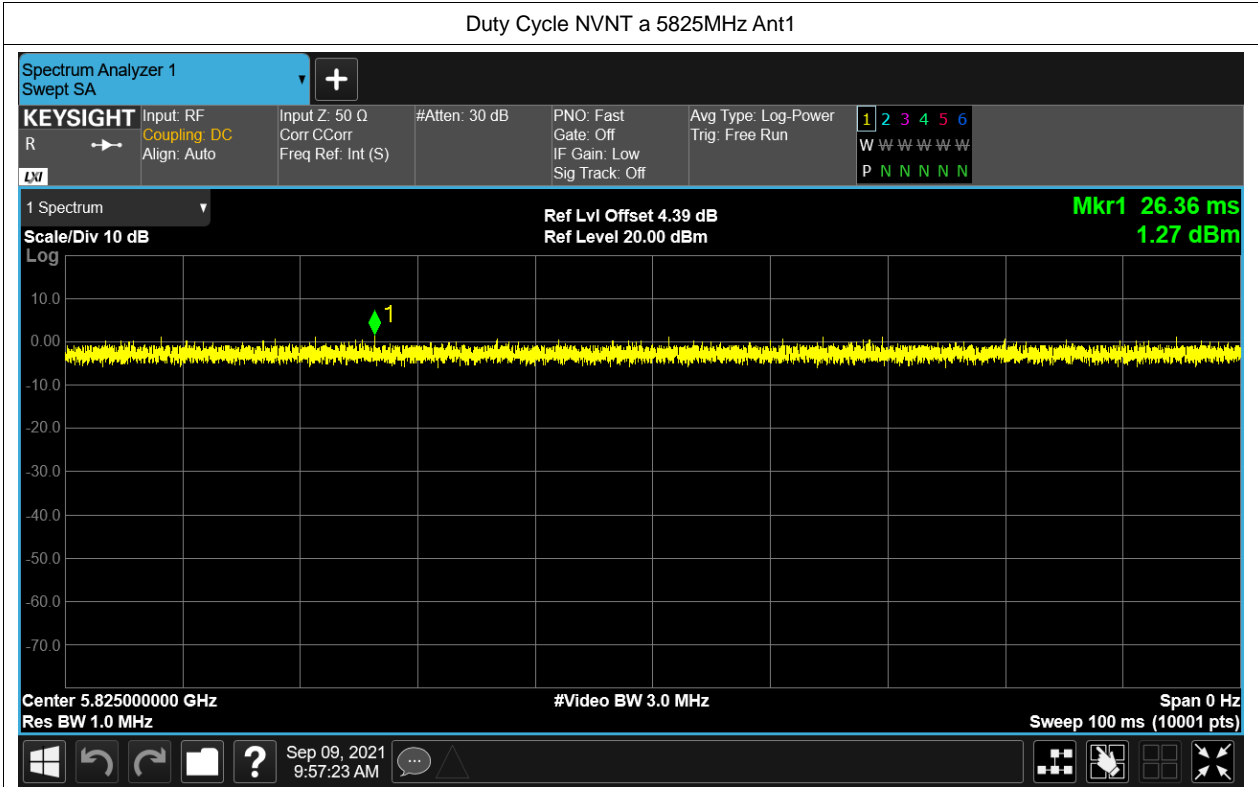
Test Graphs

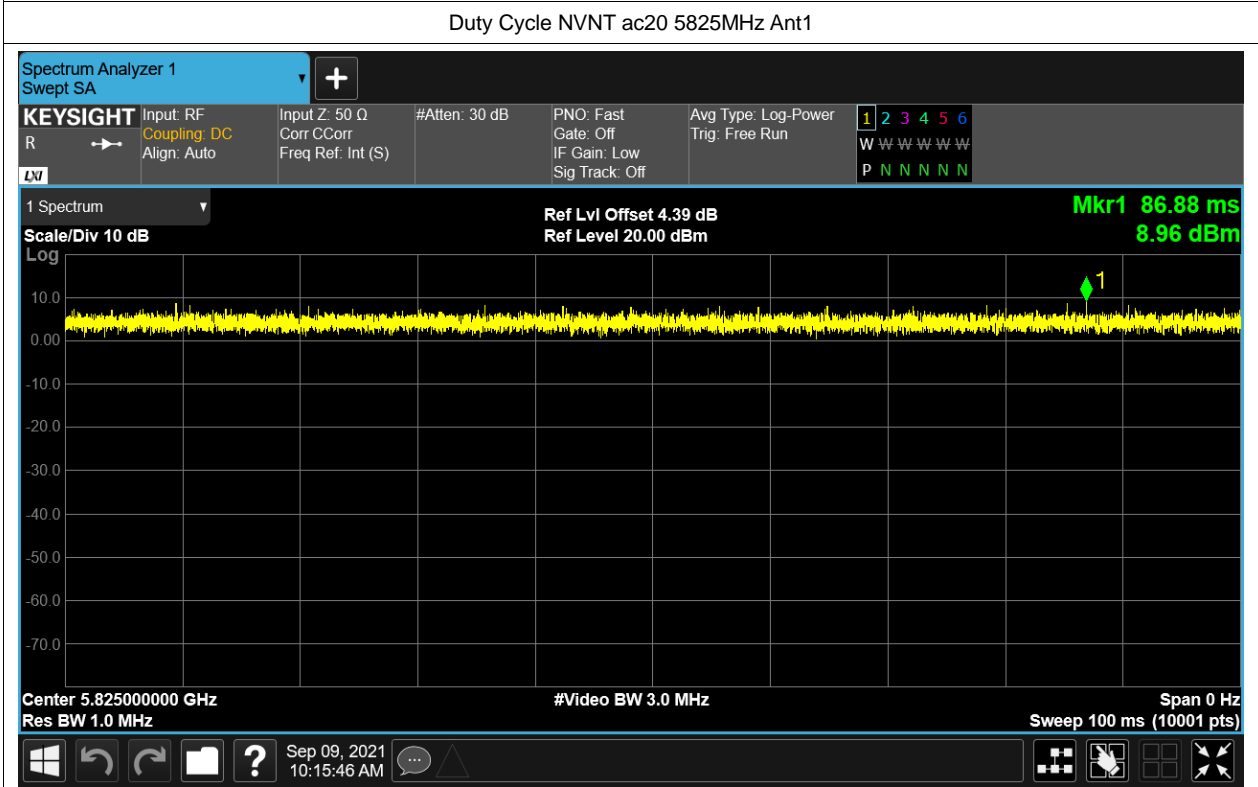
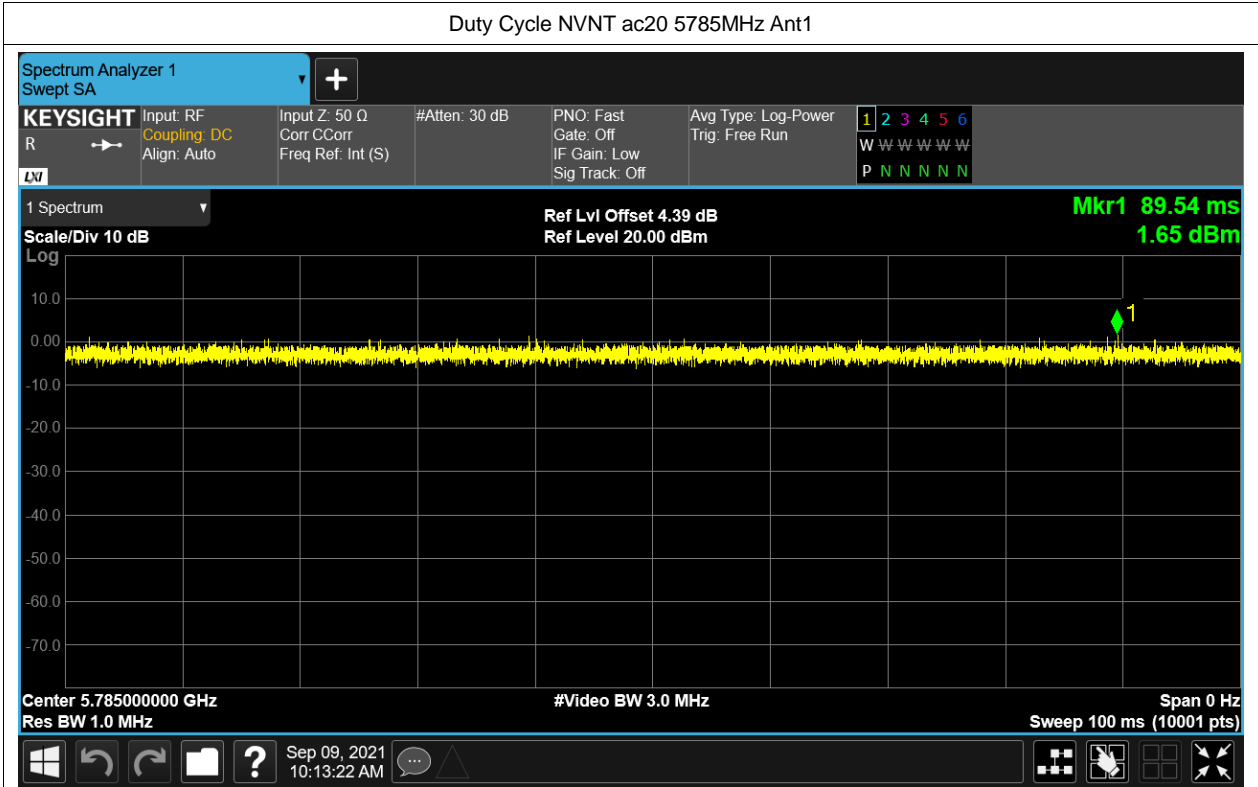
Duty Cycle NVNT a 5745MHz Ant1

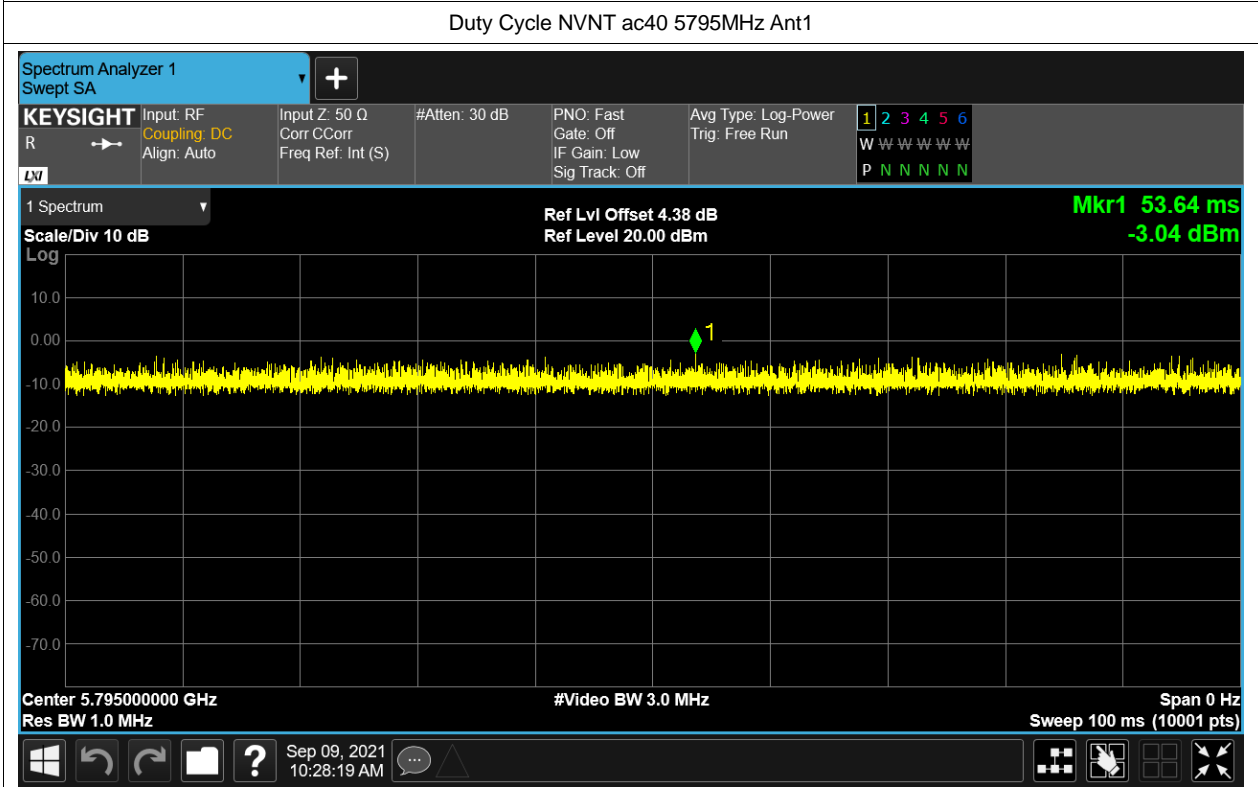
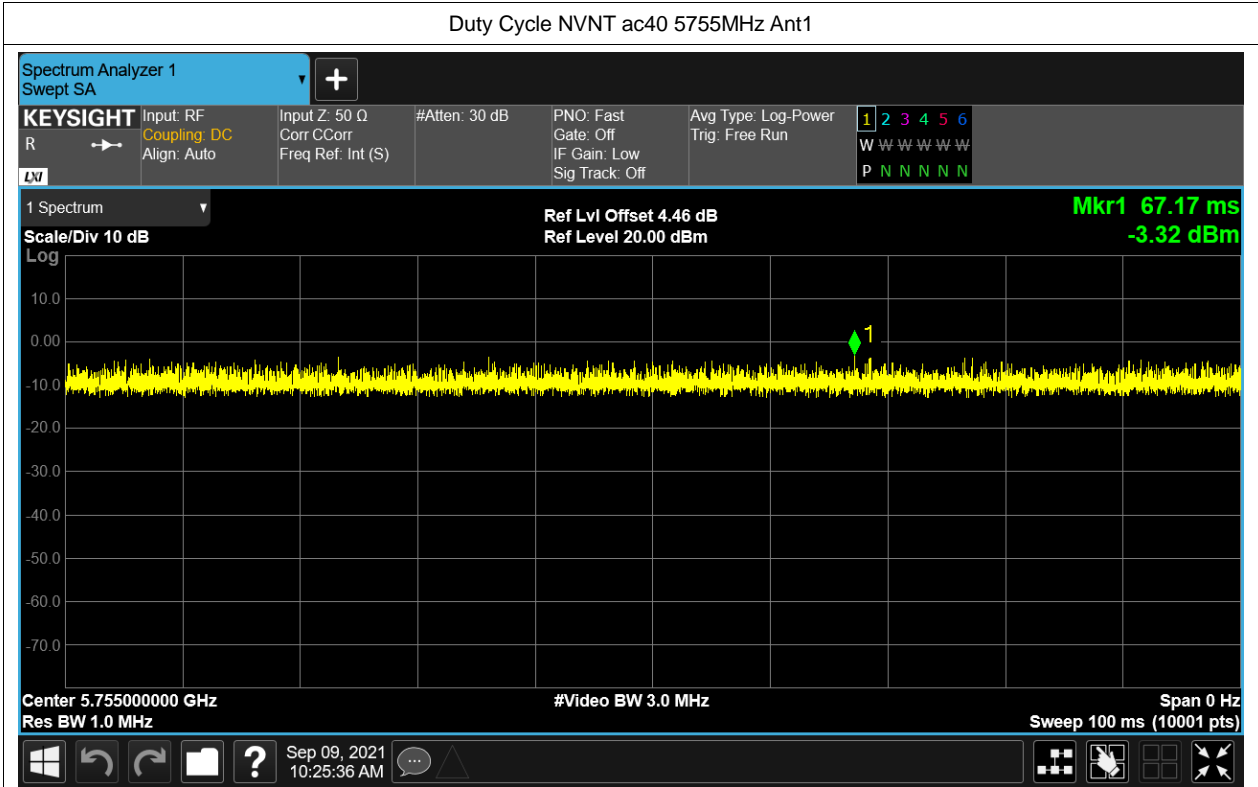


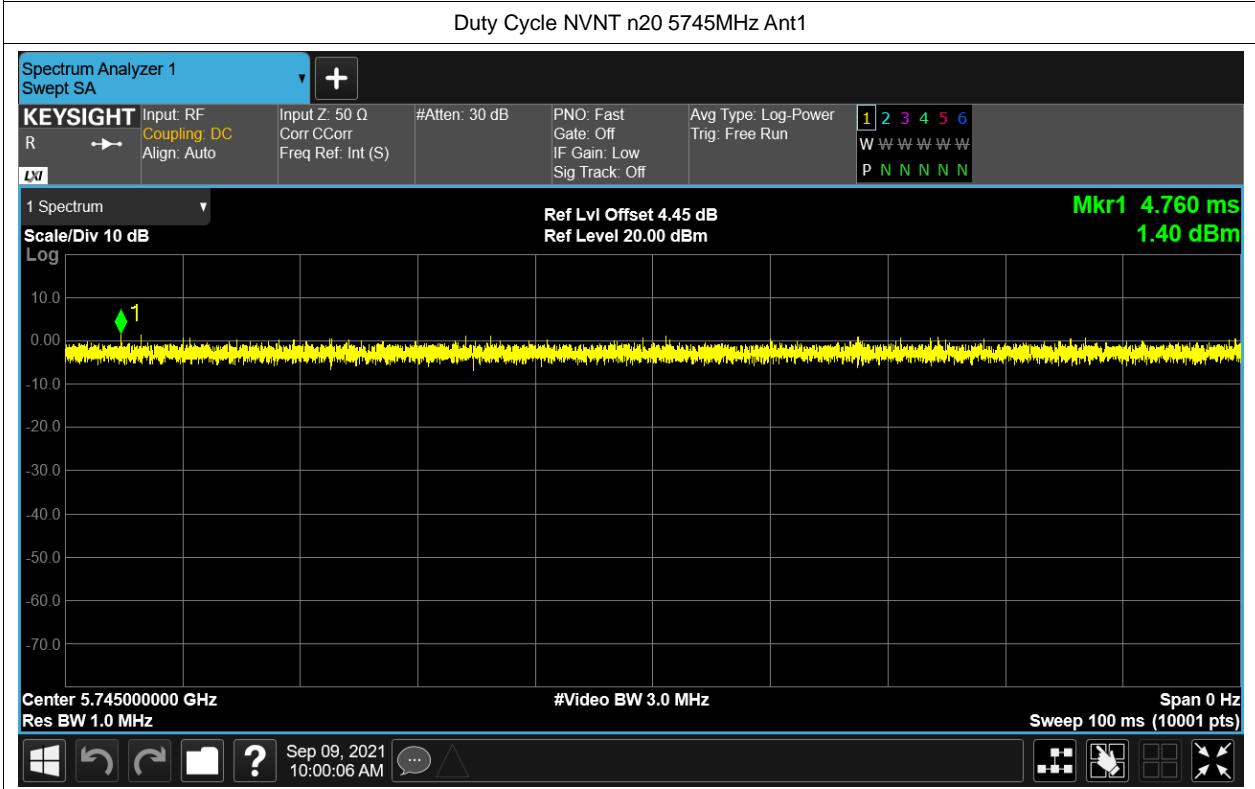
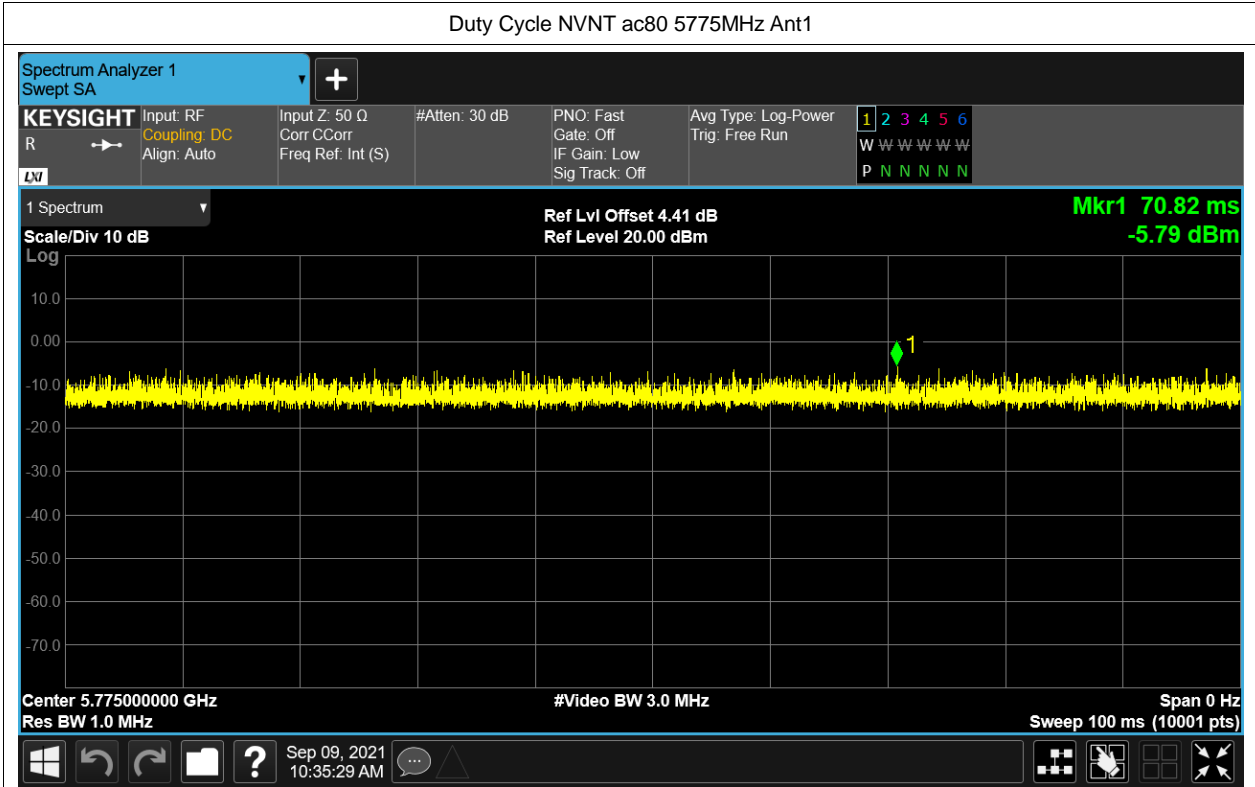
Duty Cycle NVNT a 5785MHz Ant1

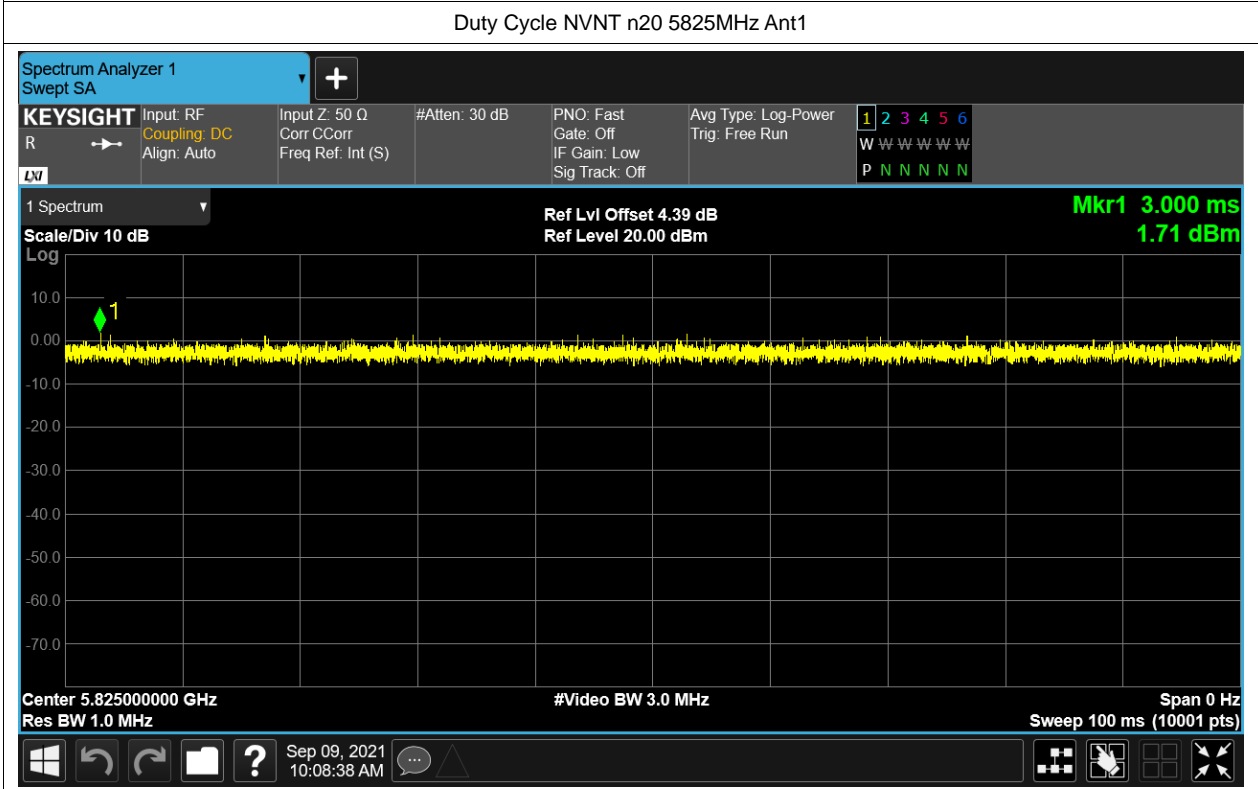
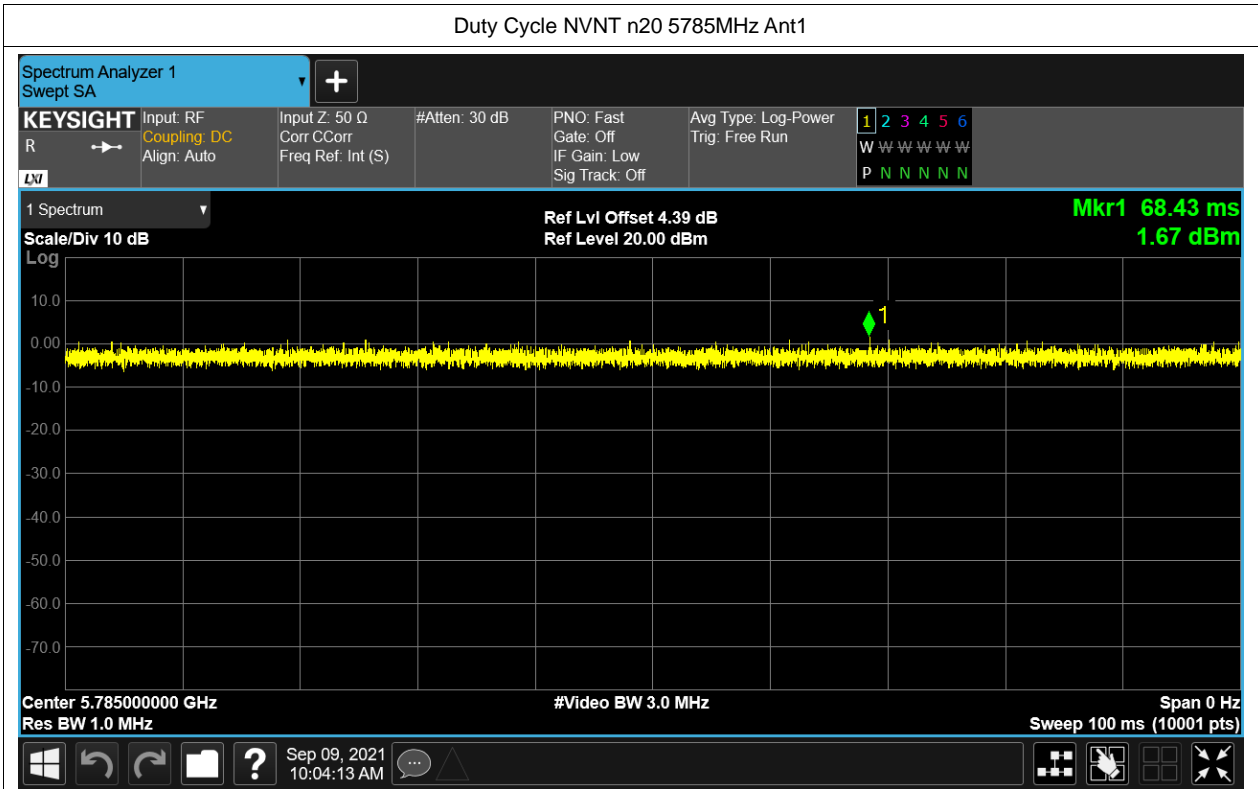


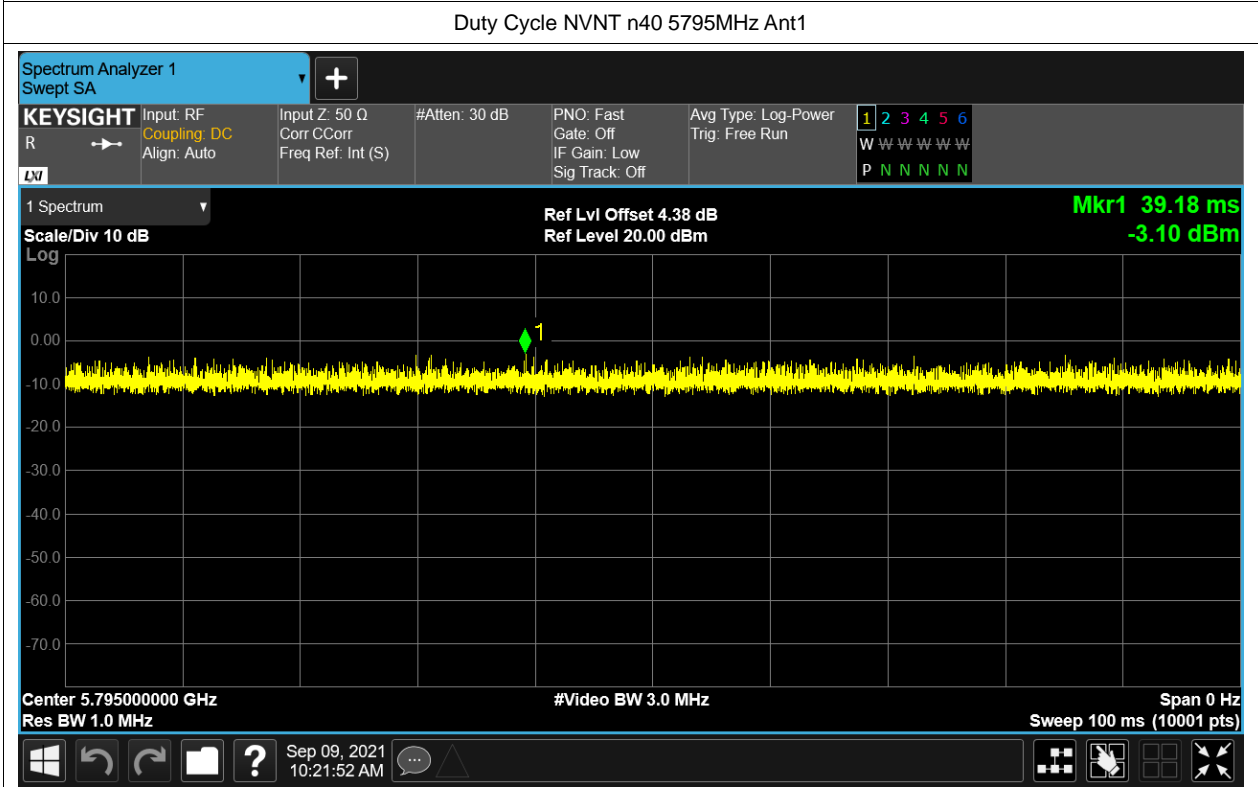
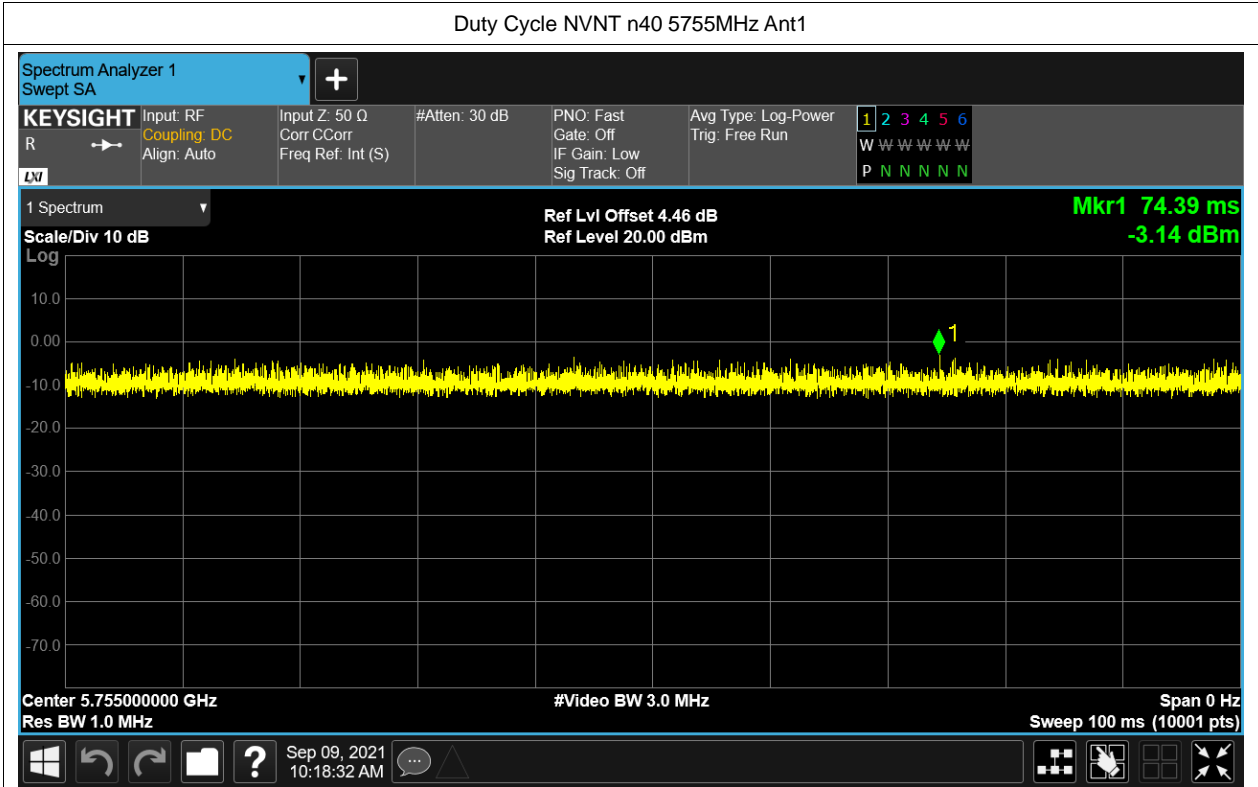










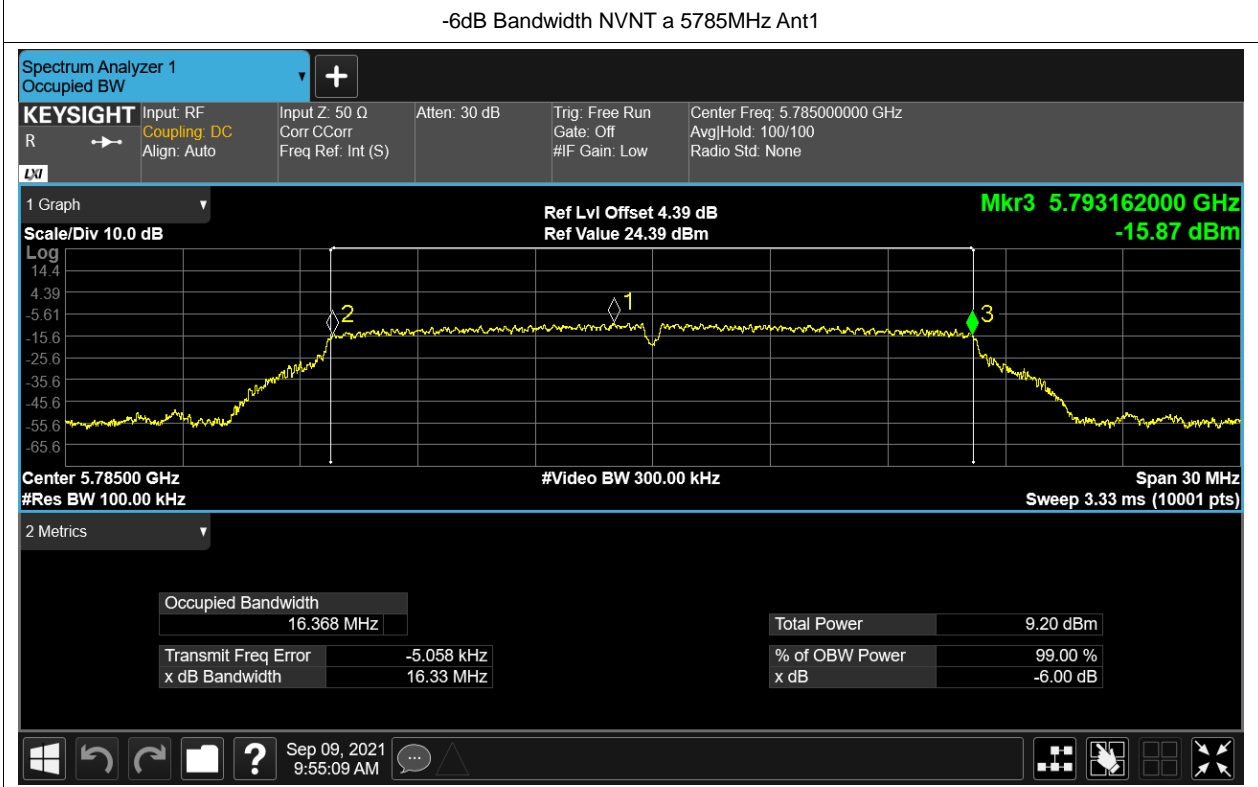
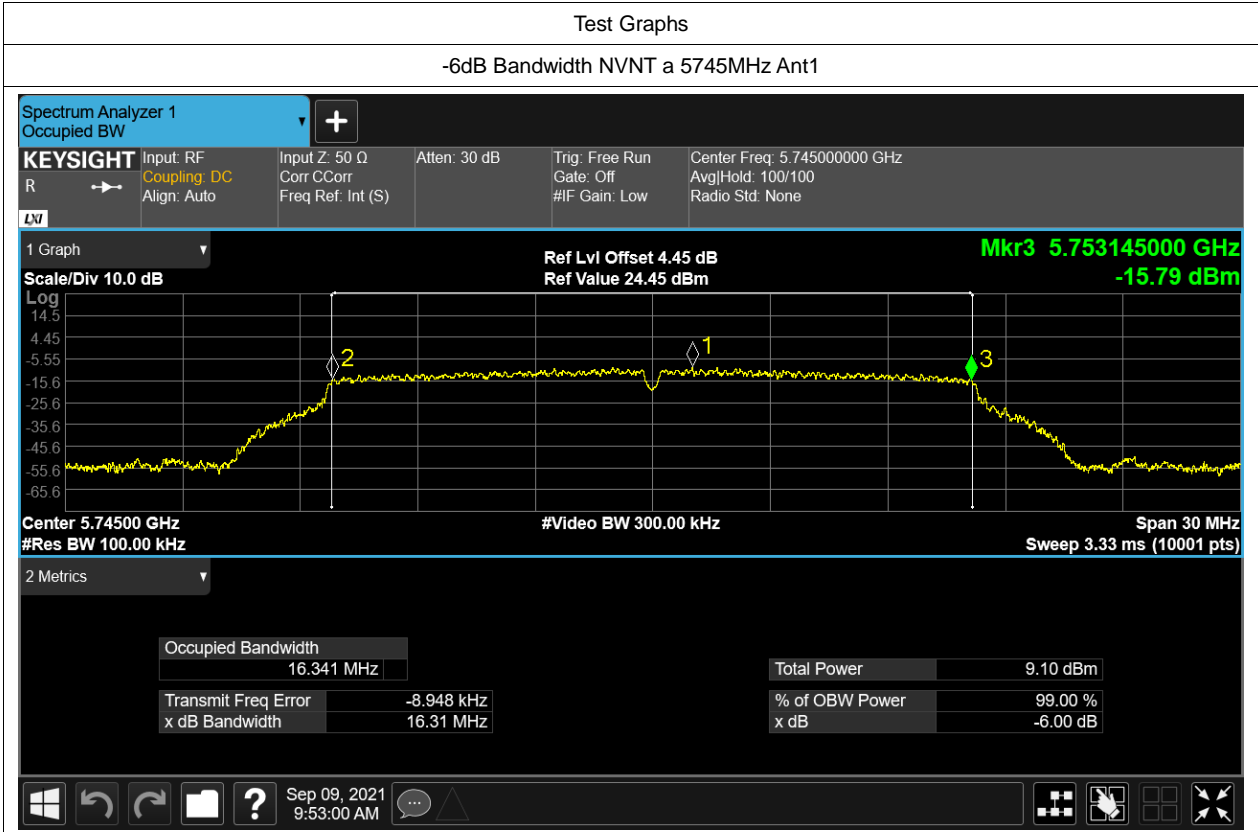


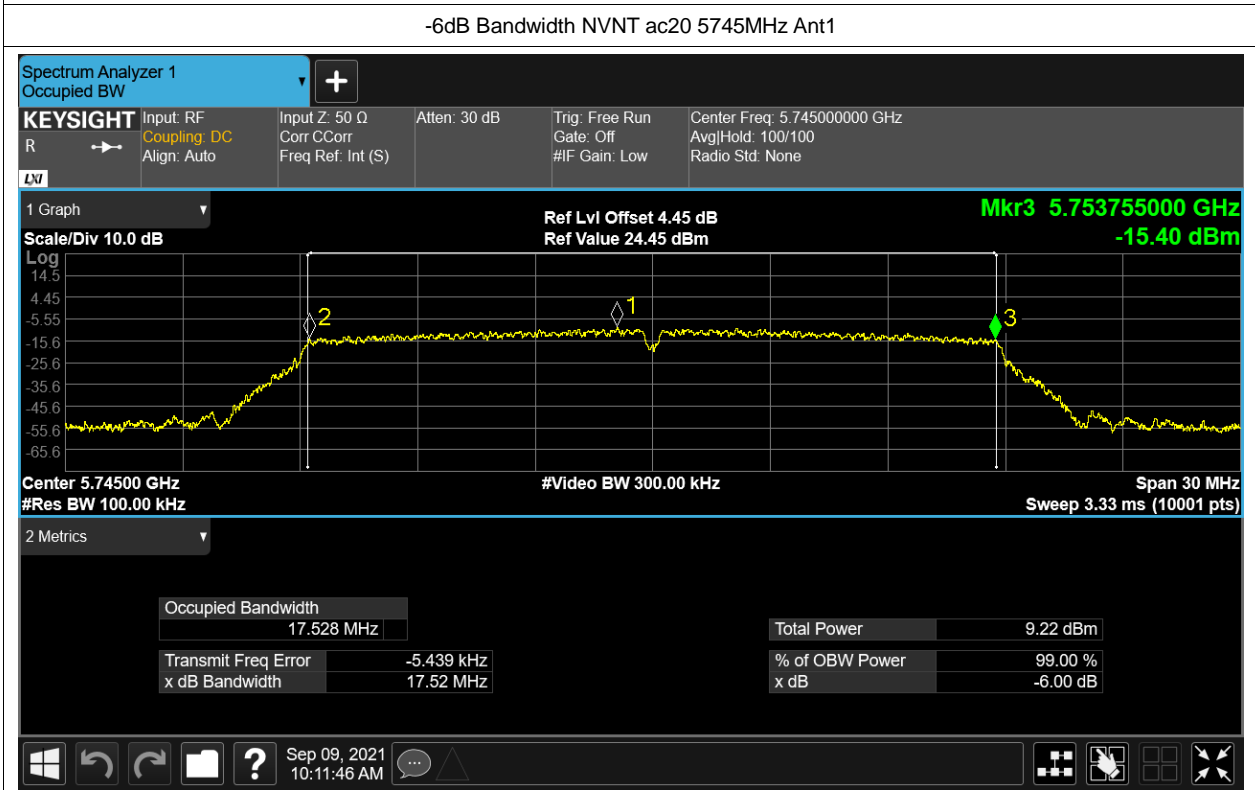
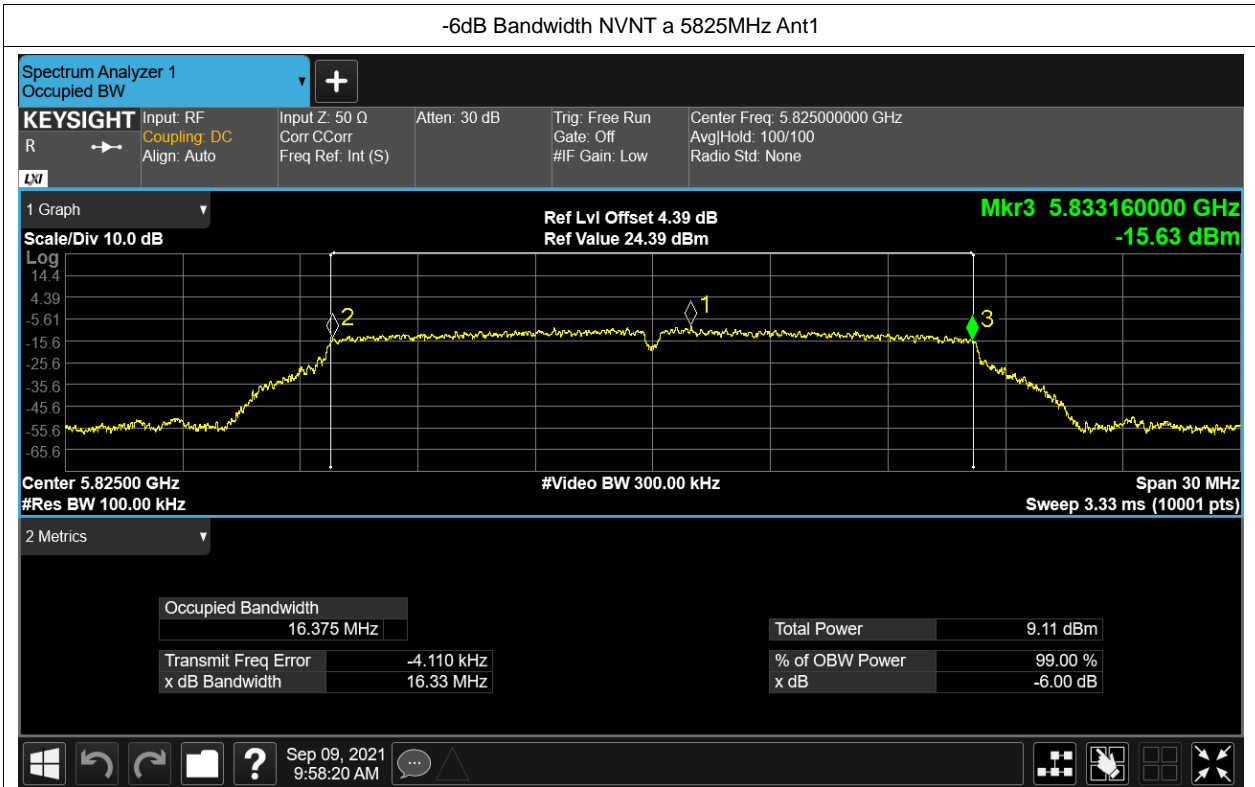
Maximum Conducted Output Power

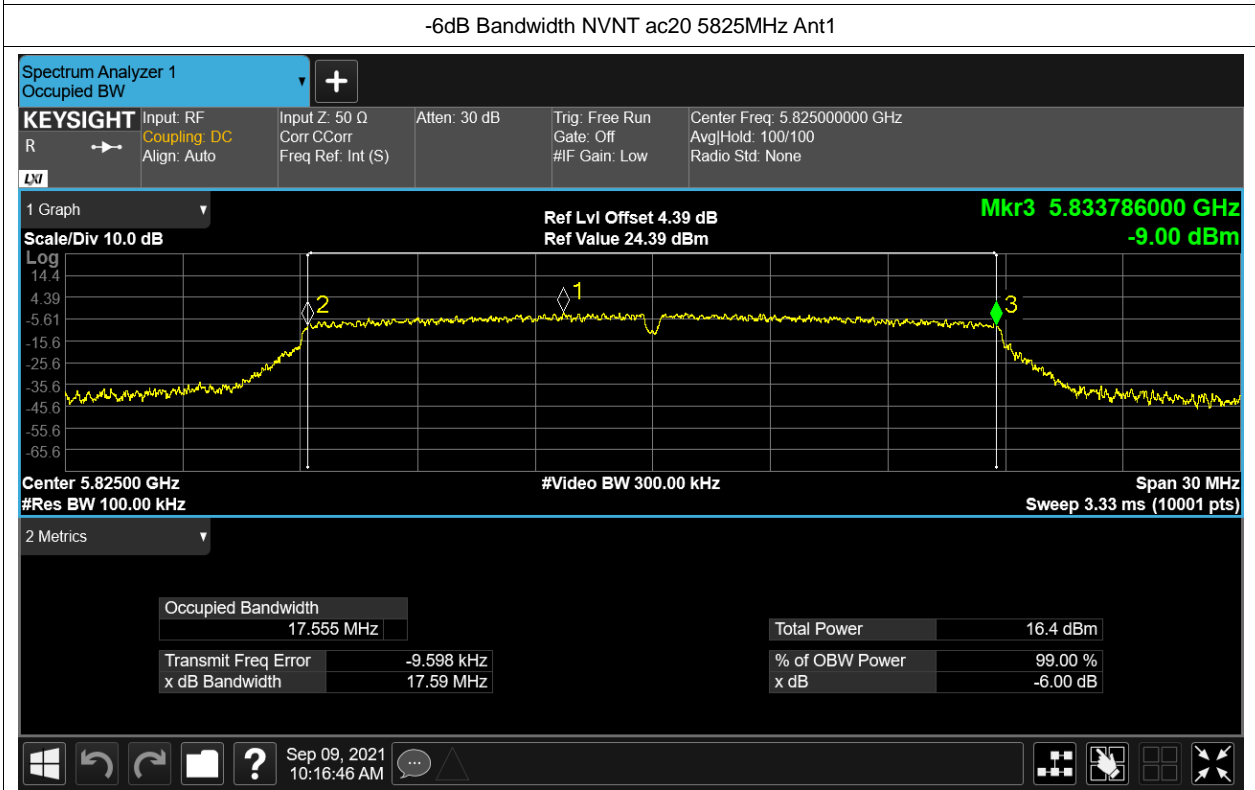
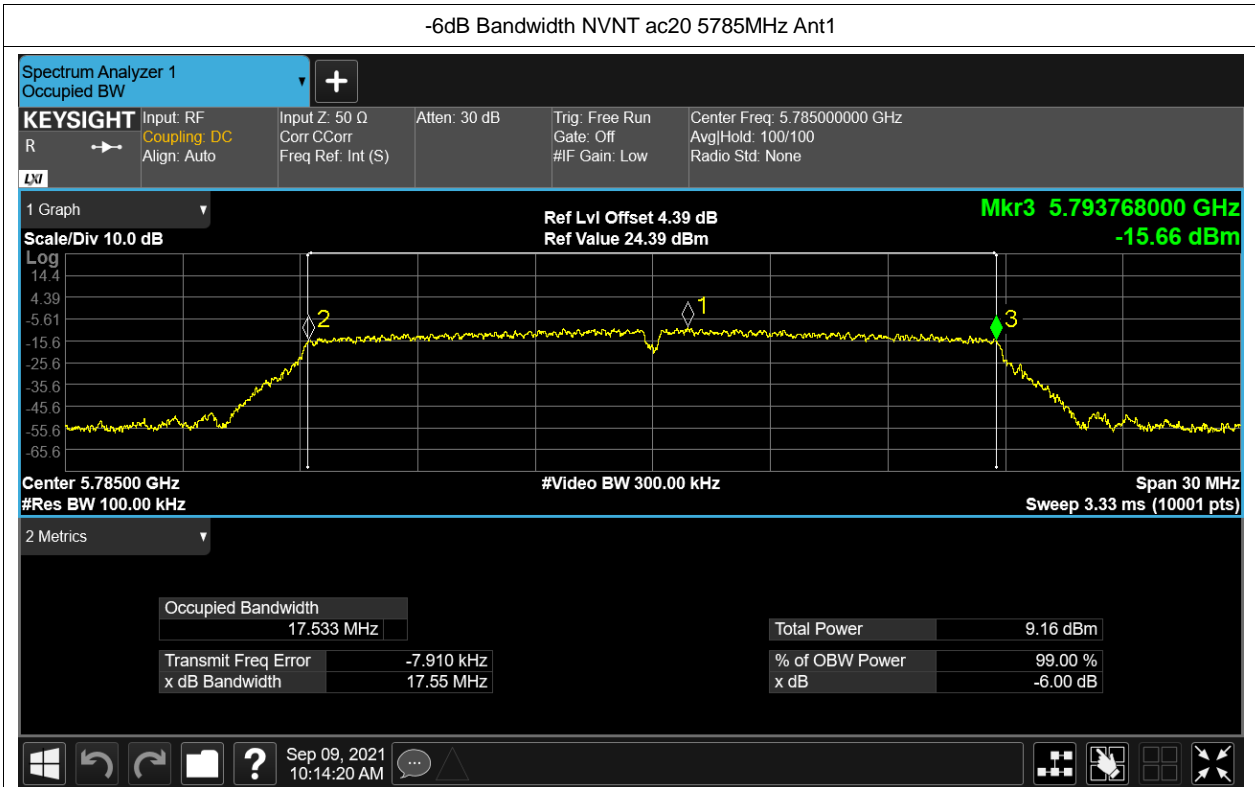
Condition	Mode	Frequency (MHz)	Antenna	Conducted Power (dBm)	Duty Factor (dB)	Total Power (dBm)	Limit (dBm)	Verdict
NVNT	a	5745	Ant1	4.59	0	4.59	30	Pass
NVNT	a	5785	Ant1	4.58	0	4.58	30	Pass
NVNT	a	5825	Ant1	4.77	0	4.77	30	Pass
NVNT	ac20	5745	Ant1	4.69	0	4.69	30	Pass
NVNT	ac20	5785	Ant1	4.45	0	4.45	30	Pass
NVNT	ac20	5825	Ant1	4.74	0	4.74	30	Pass
NVNT	ac40	5755	Ant1	4.32	0	4.32	30	Pass
NVNT	ac40	5795	Ant1	4.89	0	4.89	30	Pass
NVNT	ac80	5775	Ant1	4.52	0	4.52	30	Pass
NVNT	n20	5745	Ant1	4.7	0	4.7	30	Pass
NVNT	n20	5785	Ant1	4.43	0	4.43	30	Pass
NVNT	n20	5825	Ant1	4.86	0	4.86	30	Pass
NVNT	n40	5755	Ant1	4.33	0	4.33	30	Pass
NVNT	n40	5795	Ant1	4.91	0	4.91	30	Pass

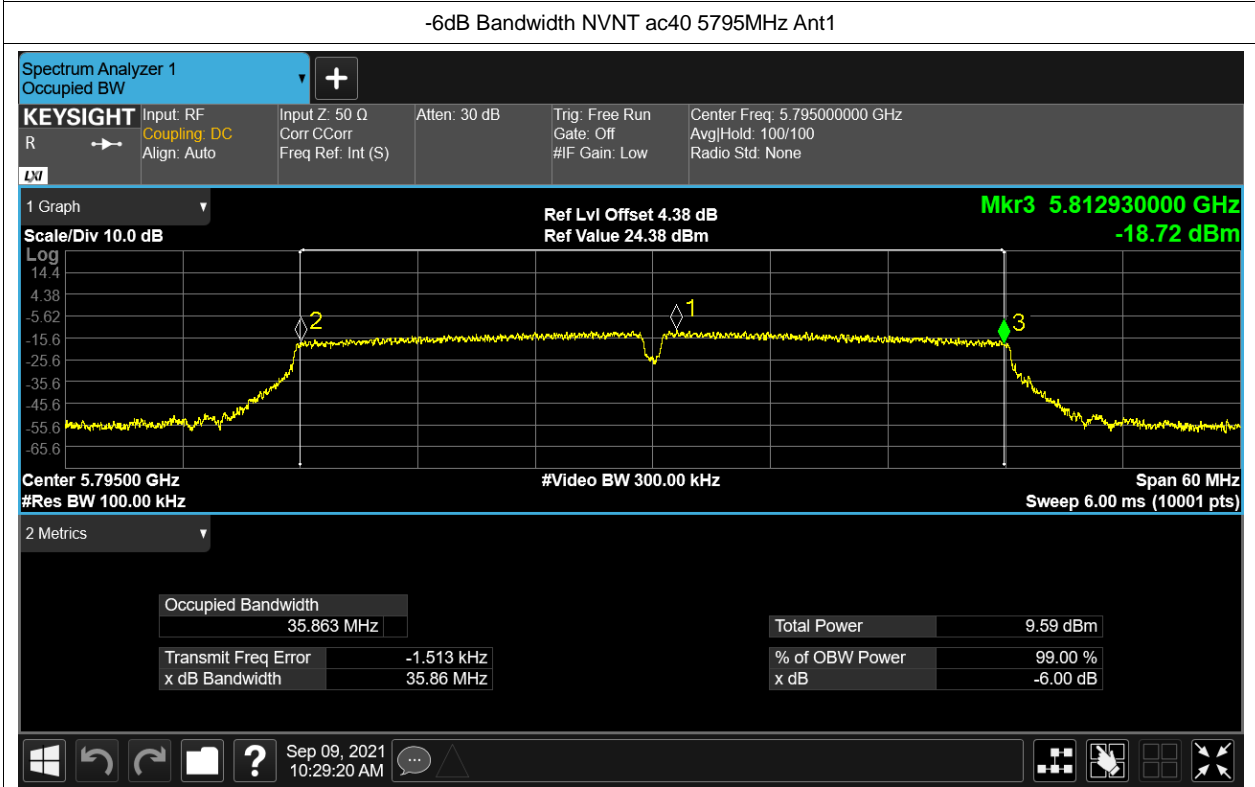
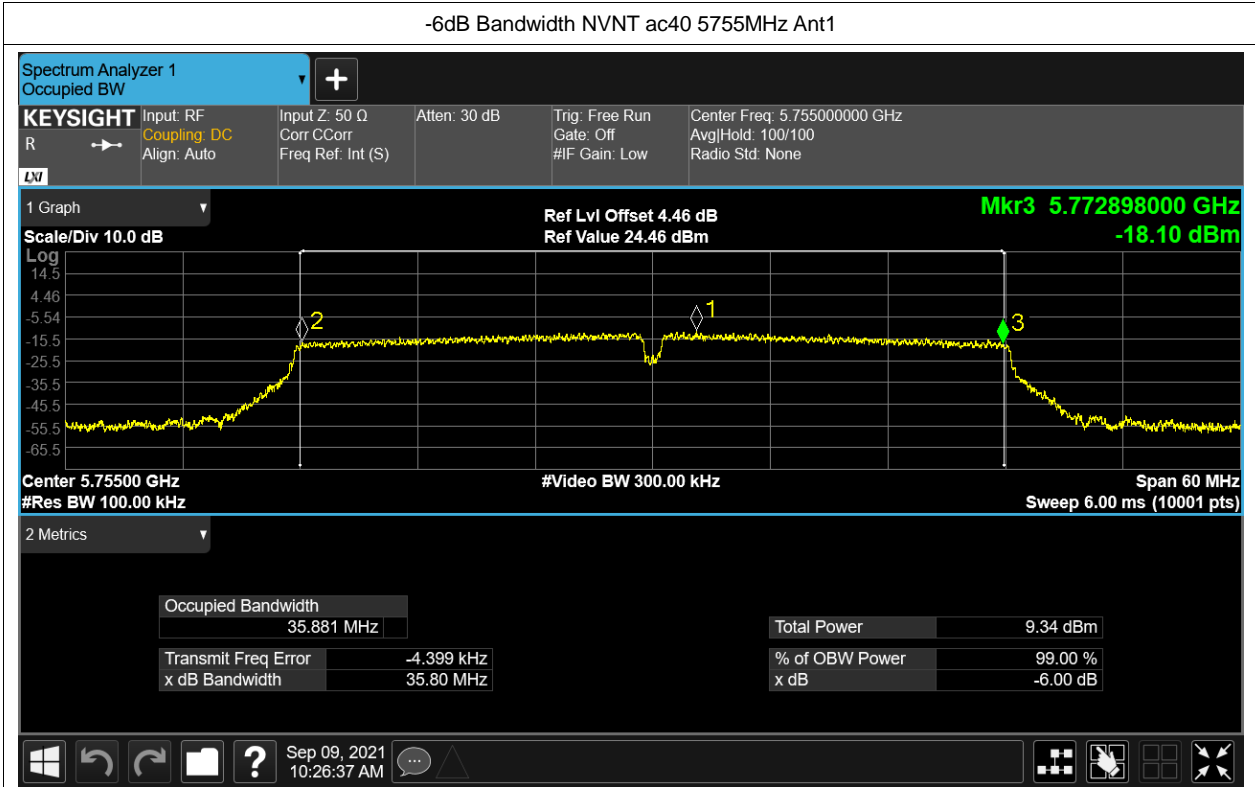
-6dB Bandwidth

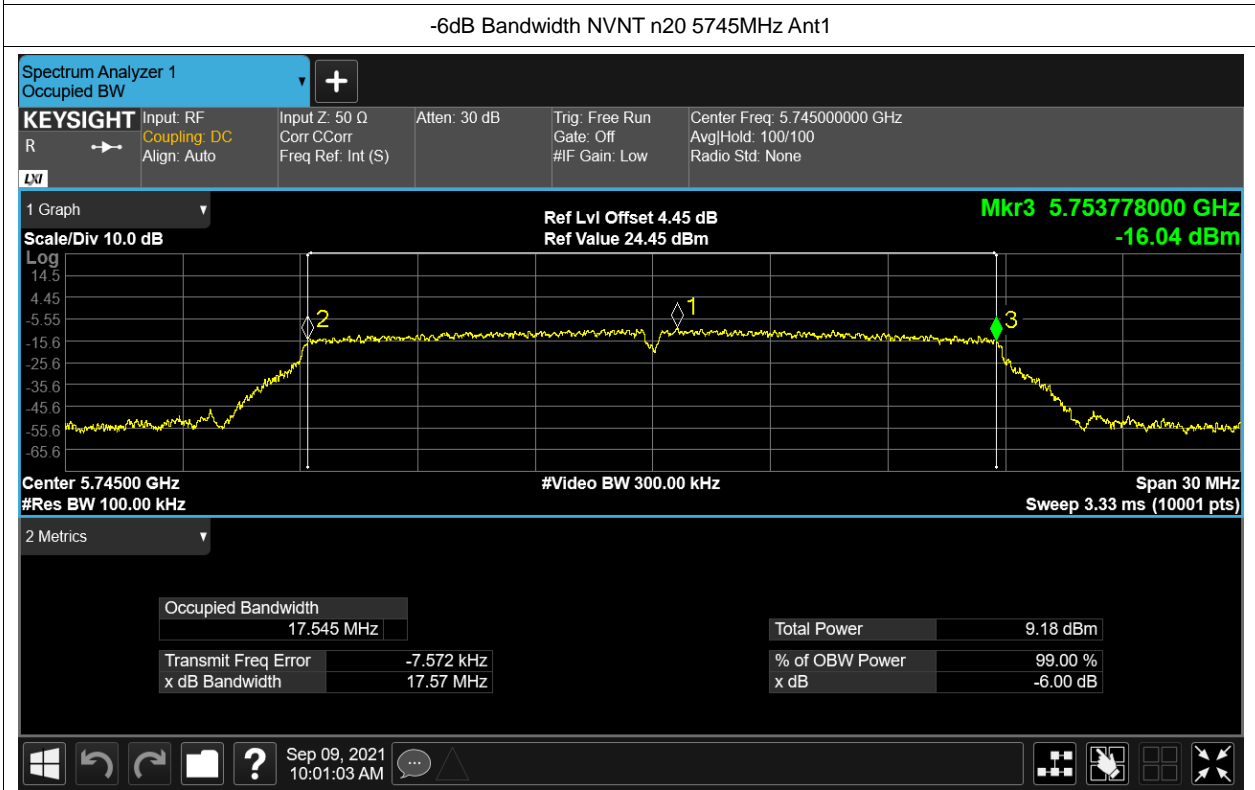
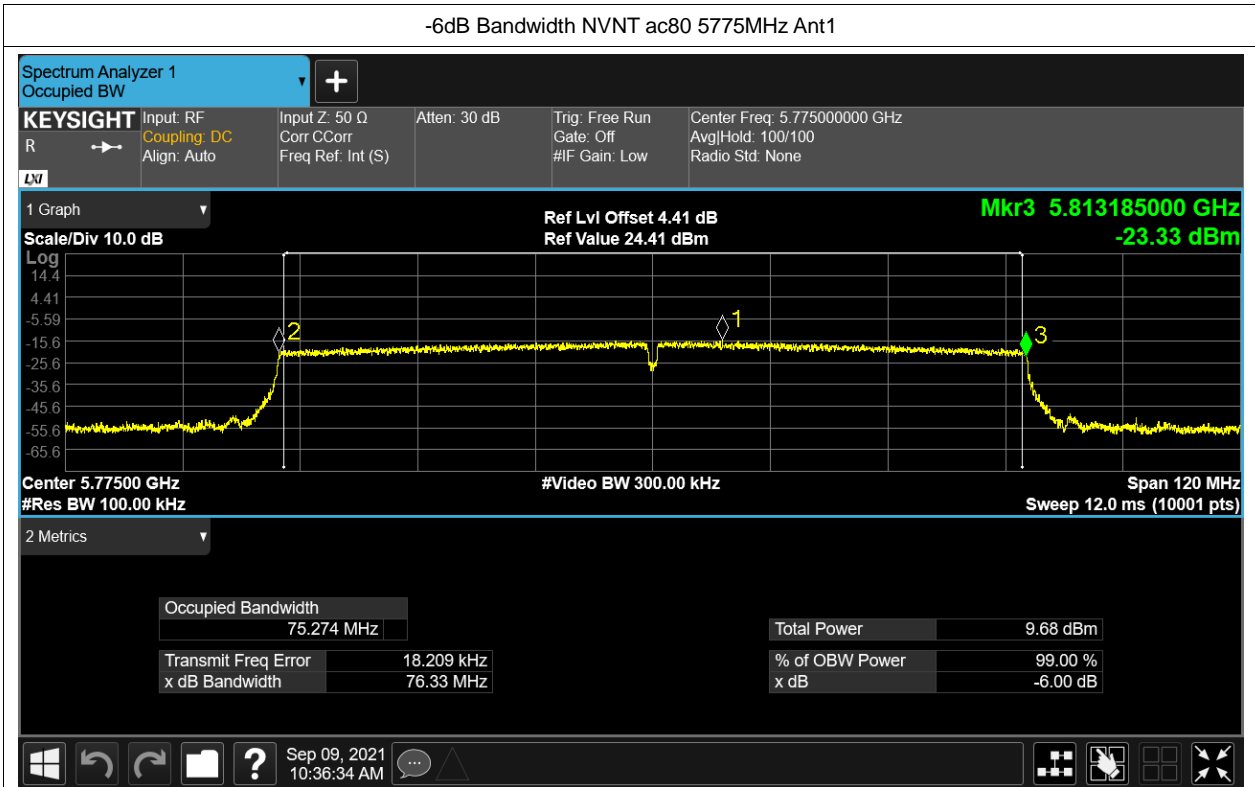
Condition	Mode	Frequency (MHz)	Antenna	-6 dB Bandwidth (MHz)	Limit -6 dB Bandwidth (MHz)	Verdict
NVNT	a	5745	Ant1	16.308	0.5	Pass
NVNT	a	5785	Ant1	16.333	0.5	Pass
NVNT	a	5825	Ant1	16.329	0.5	Pass
NVNT	ac20	5745	Ant1	17.52	0.5	Pass
NVNT	ac20	5785	Ant1	17.551	0.5	Pass
NVNT	ac20	5825	Ant1	17.59	0.5	Pass
NVNT	ac40	5755	Ant1	35.804	0.5	Pass
NVNT	ac40	5795	Ant1	35.863	0.5	Pass
NVNT	ac80	5775	Ant1	76.333	0.5	Pass
NVNT	n20	5745	Ant1	17.572	0.5	Pass
NVNT	n20	5785	Ant1	17.587	0.5	Pass
NVNT	n20	5825	Ant1	17.596	0.5	Pass
NVNT	n40	5755	Ant1	36.076	0.5	Pass
NVNT	n40	5795	Ant1	36.056	0.5	Pass

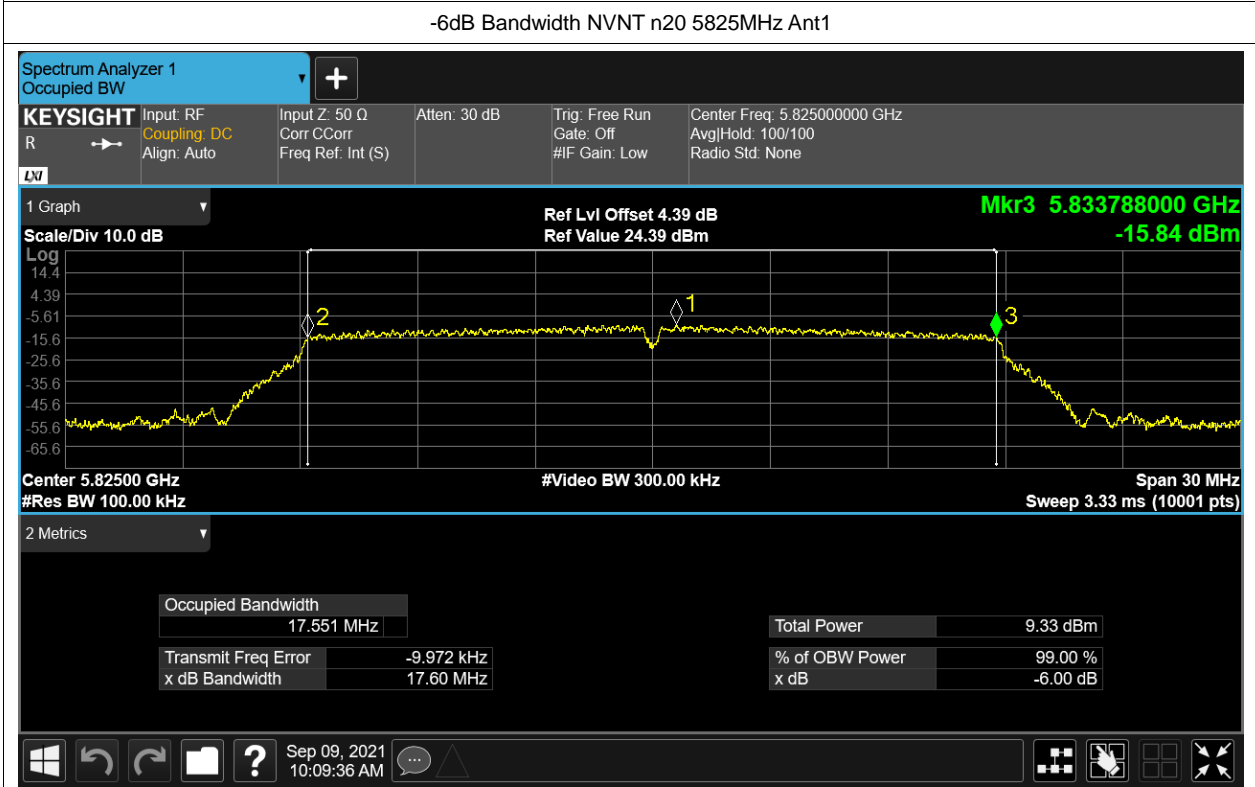
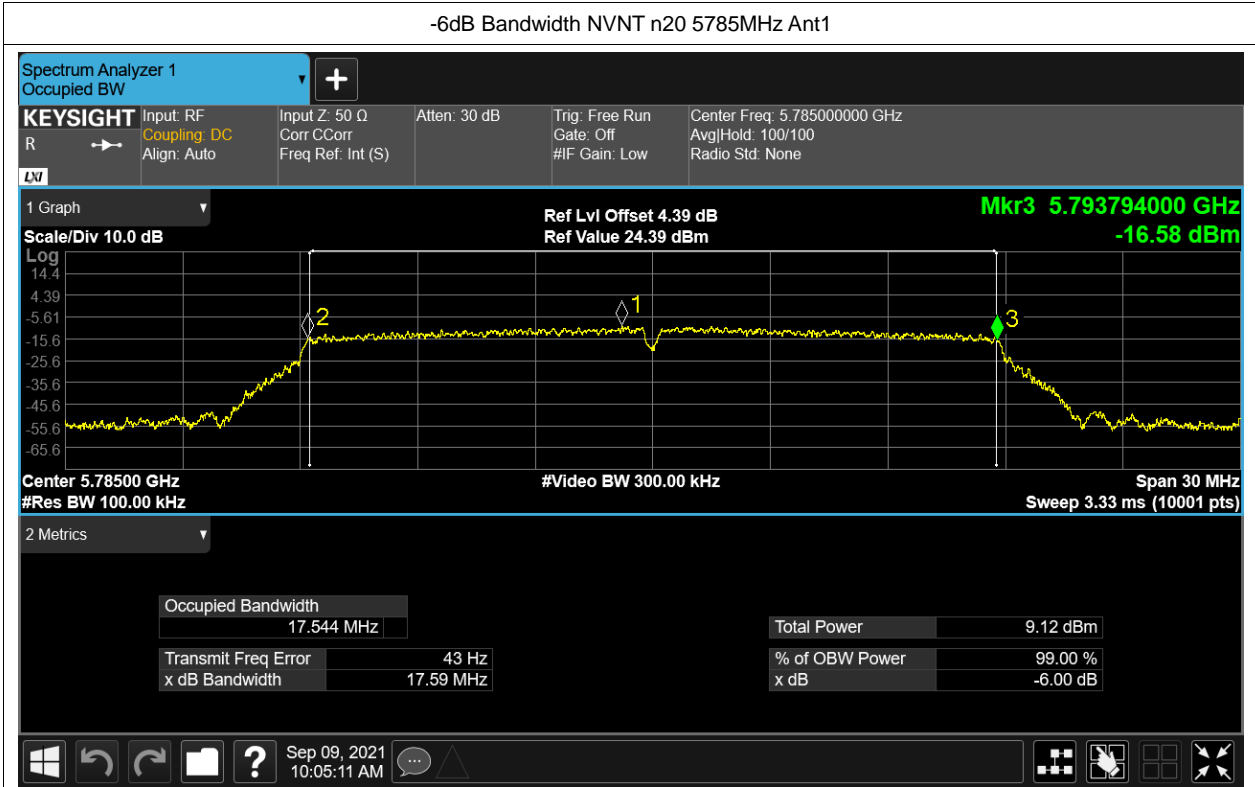


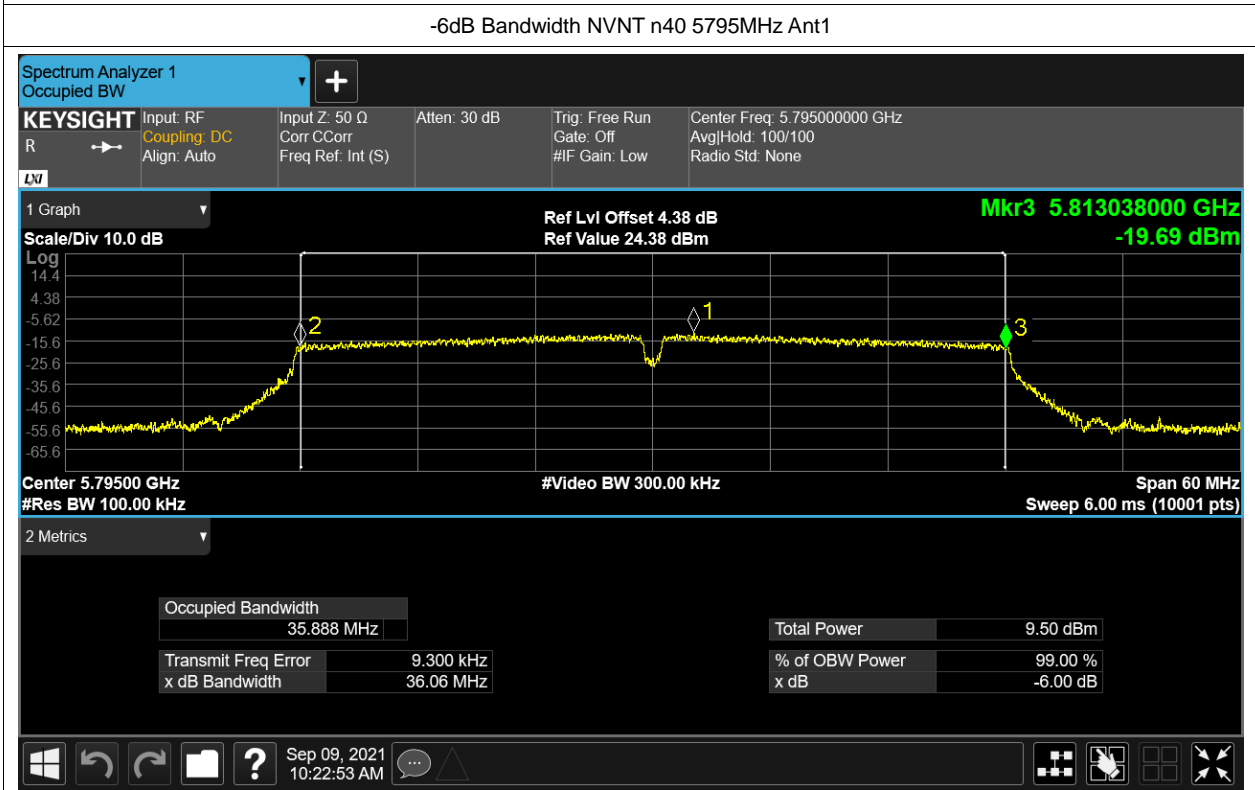
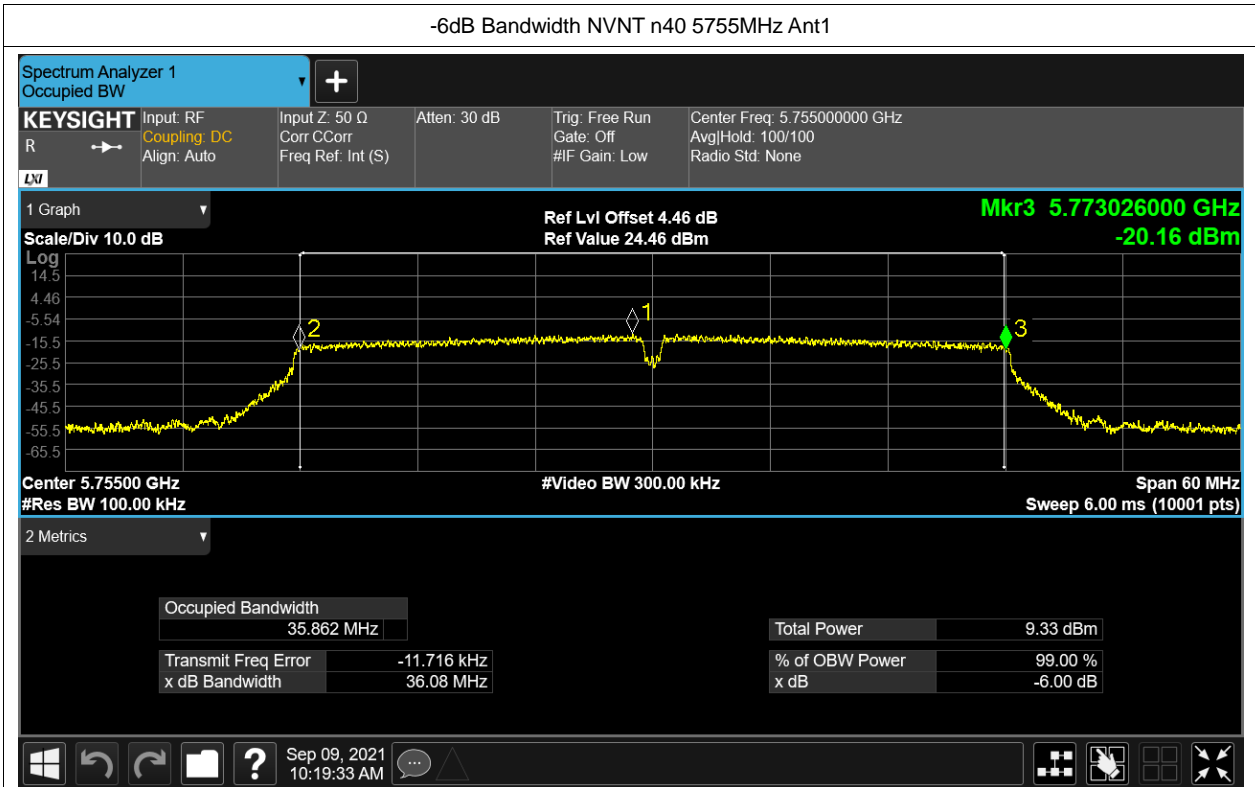










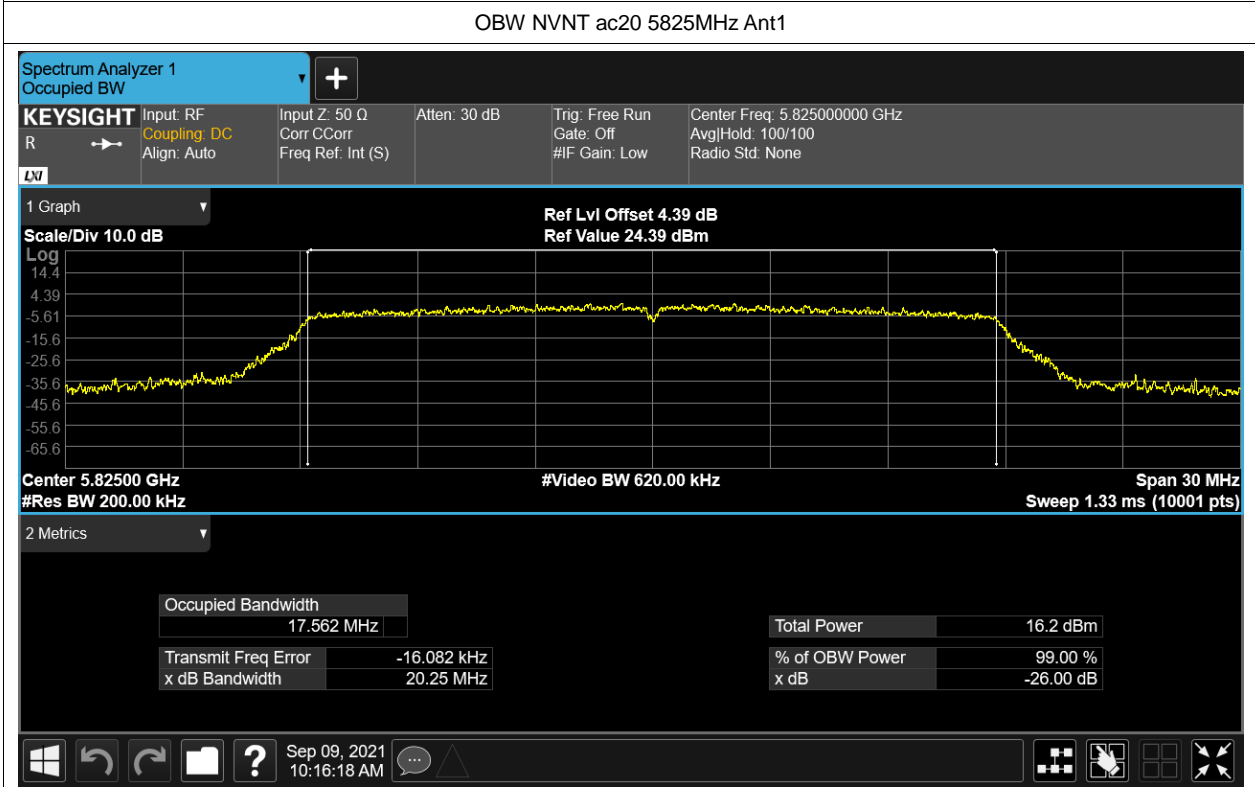


Occupied Channel Bandwidth

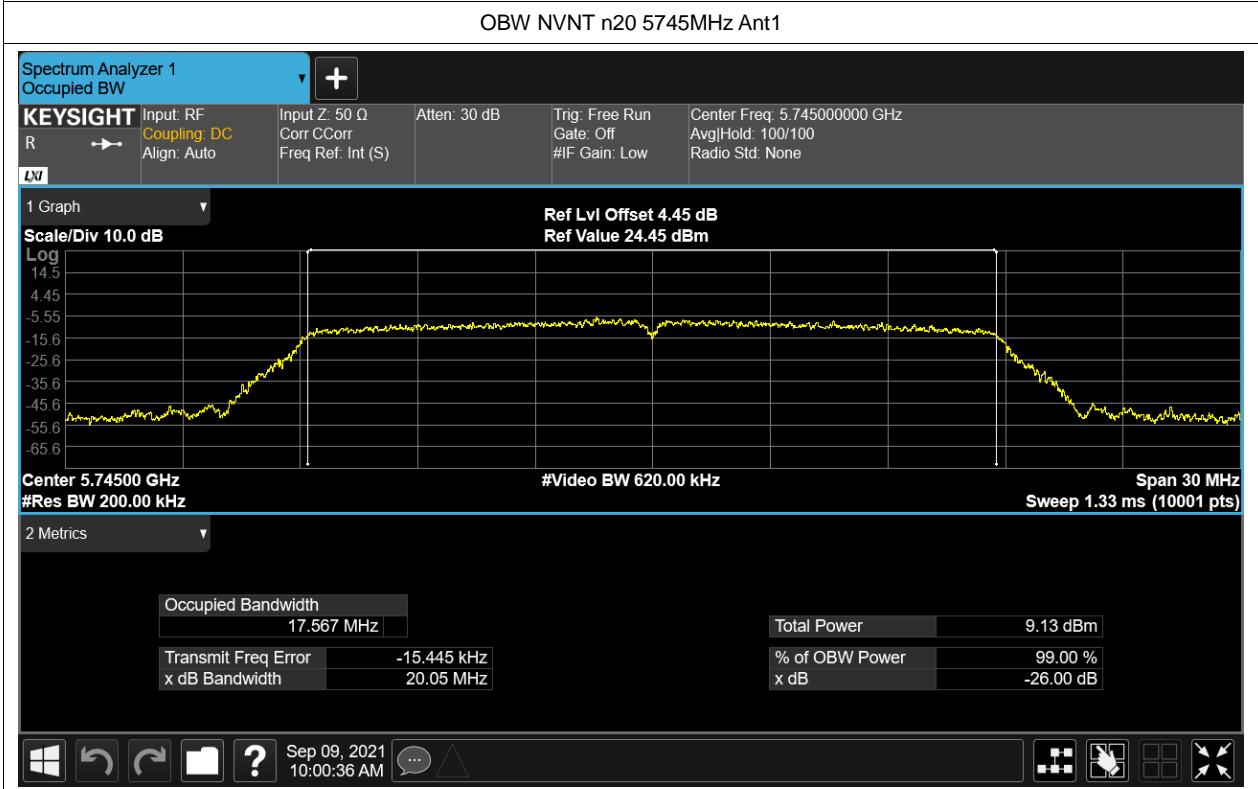
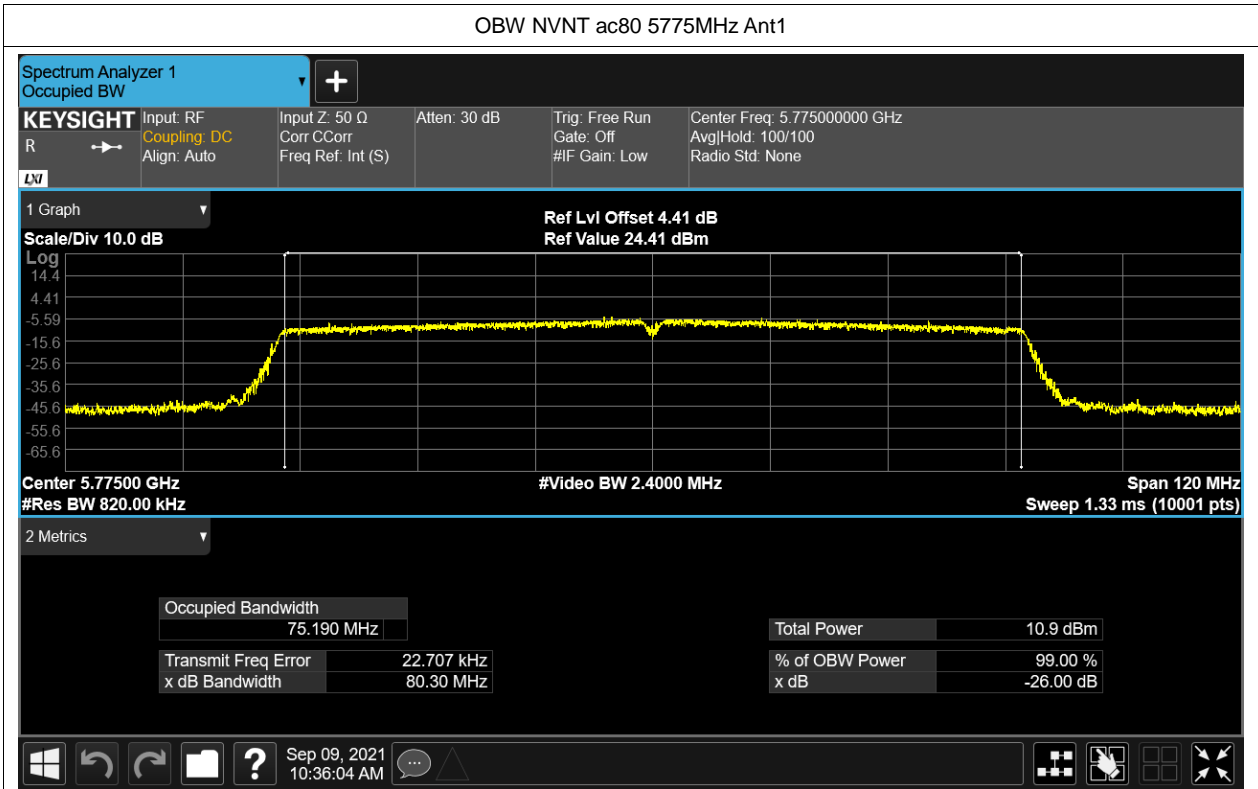
Condition	Mode	Frequency (MHz)	Antenna	99% OBW (MHz)
NVNT	a	5745	Ant1	16.40536575
NVNT	a	5785	Ant1	16.404004
NVNT	a	5825	Ant1	16.4189125
NVNT	ac20	5745	Ant1	17.55360329
NVNT	ac20	5785	Ant1	17.54889741
NVNT	ac20	5825	Ant1	17.56182724
NVNT	ac40	5755	Ant1	35.95216911
NVNT	ac40	5795	Ant1	35.91419091
NVNT	ac80	5775	Ant1	75.19025139
NVNT	n20	5745	Ant1	17.56670967
NVNT	n20	5785	Ant1	17.54690057
NVNT	n20	5825	Ant1	17.55495211
NVNT	n40	5755	Ant1	35.98082561
NVNT	n40	5795	Ant1	35.93781544

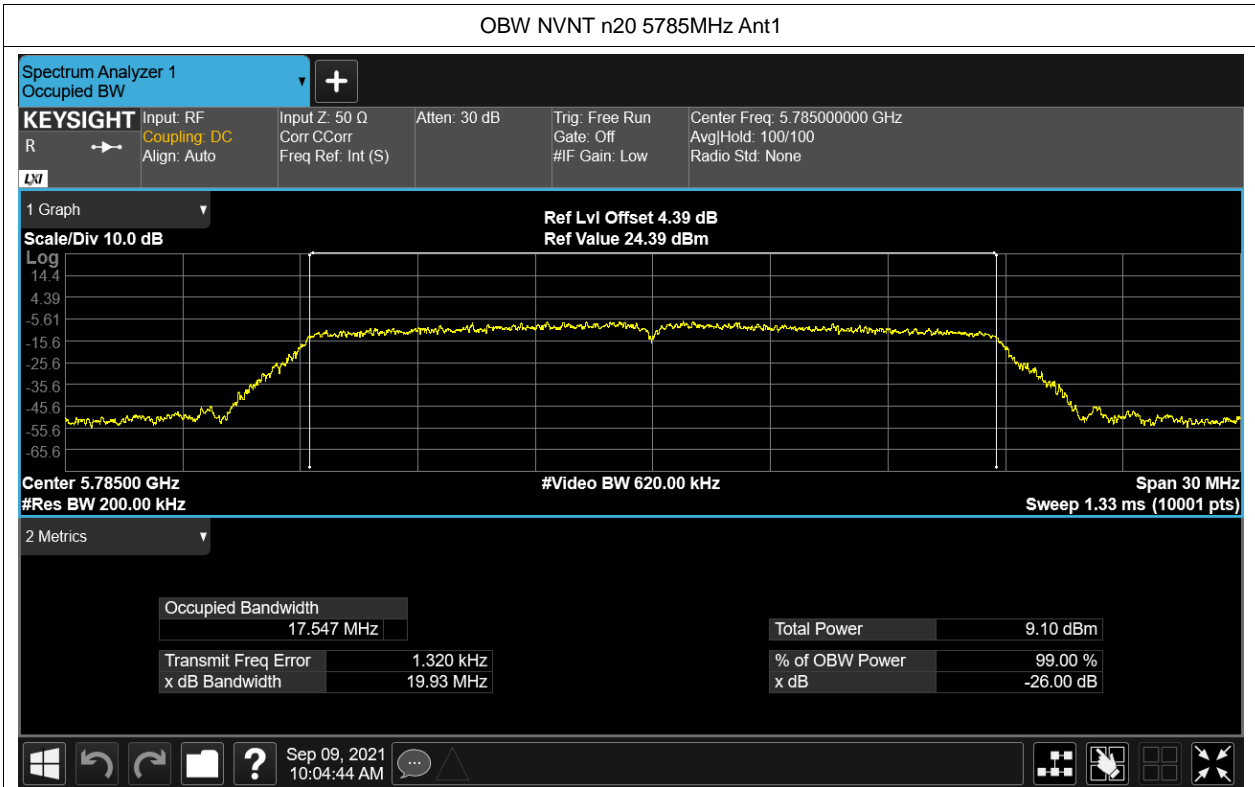














Maximum Power Spectral Density Level

Condition	Mode	Frequency (MHz)	Antenna	Max PSD (dBm)	Correction factor	Total Max PSD (dBm)	Limit (dBm)	Verdict
NVNT	a	5745	Ant1	-9.433	0.269	-9.164	30	Pass
NVNT	a	5785	Ant1	-8.993	0.269	-8.724	30	Pass
NVNT	a	5825	Ant1	-9.343	0.269	-9.074	30	Pass
NVNT	ac20	5745	Ant1	-9.49	0.269	-9.221	30	Pass
NVNT	ac20	5785	Ant1	-9.313	0.269	-9.044	30	Pass
NVNT	ac20	5825	Ant1	-9.032	0.269	-8.763	30	Pass
NVNT	ac40	5755	Ant1	-11.357	0.269	-11.088	30	Pass
NVNT	ac40	5795	Ant1	-11.277	0.269	-11.008	30	Pass
NVNT	ac80	5775	Ant1	-14.853	0.269	-14.584	30	Pass
NVNT	n20	5745	Ant1	-9.287	0.269	-9.018	30	Pass
NVNT	n20	5785	Ant1	-9.538	0.269	-9.269	30	Pass
NVNT	n20	5825	Ant1	-9.531	0.269	-9.262	30	Pass
NVNT	n40	5755	Ant1	-11.623	0.269	-11.354	30	Pass
NVNT	n40	5795	Ant1	-11.509	0.269	-11.24	30	Pass

Remark: Final result showed in report was corrected by reading level showed in test plots + correction factor.

Correction factor = $10 \log (500 \text{ kHz}_{\text{Reference}} / 470 \text{ KHz}_{\text{Measured}}) = 0.269$

