



FCC - TEST REPORT

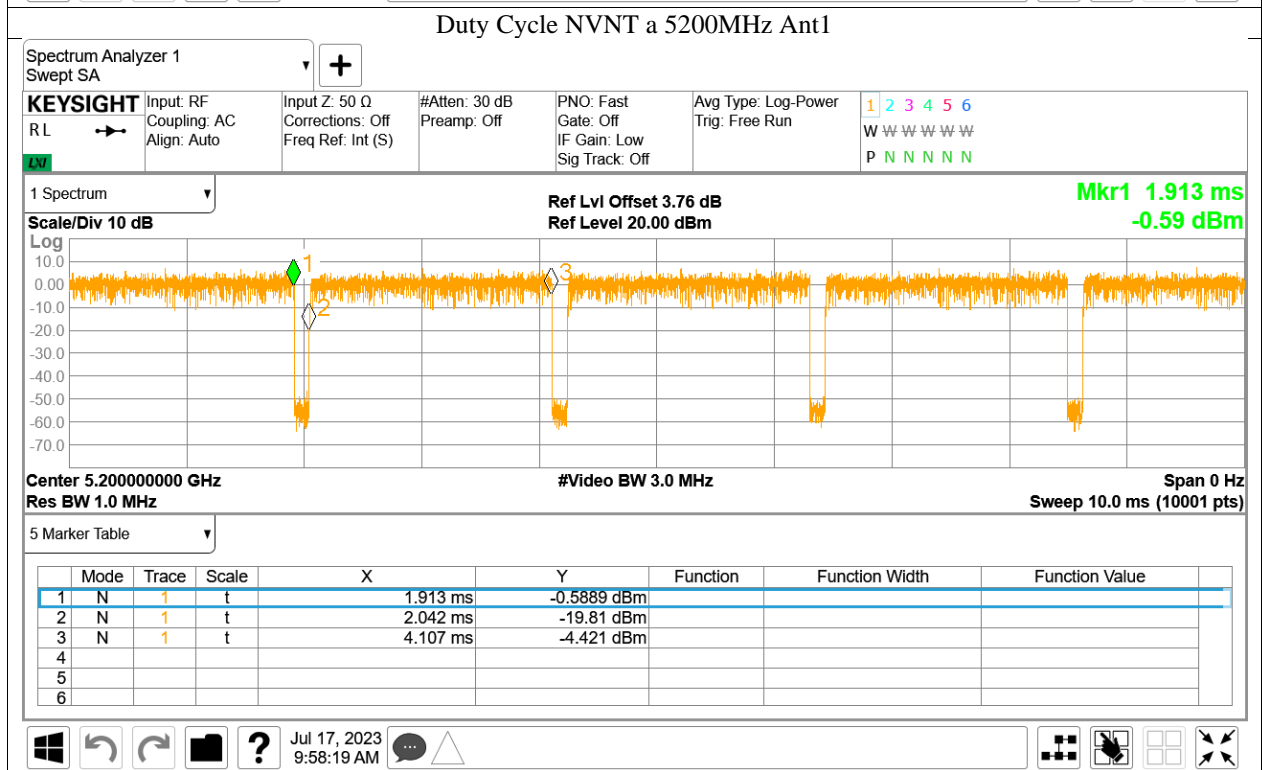
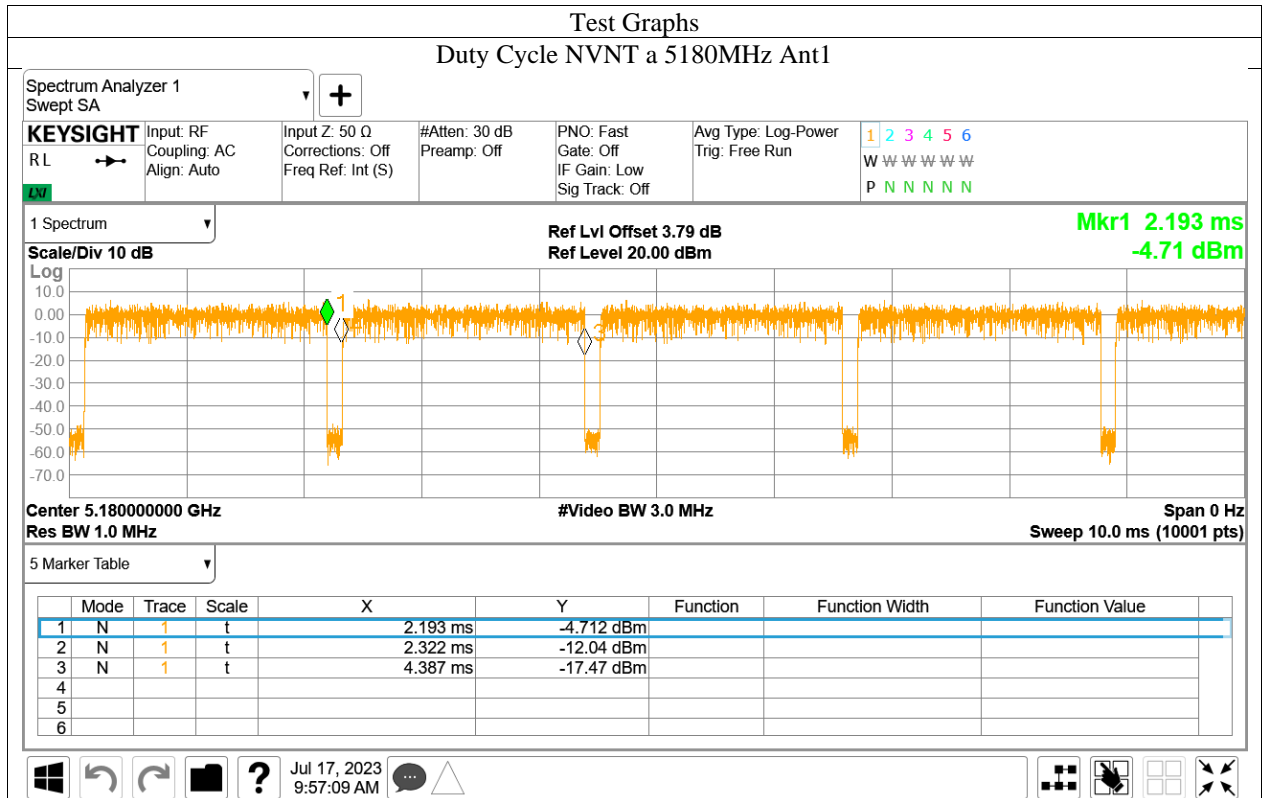
Appendix A for 709502304460-00B

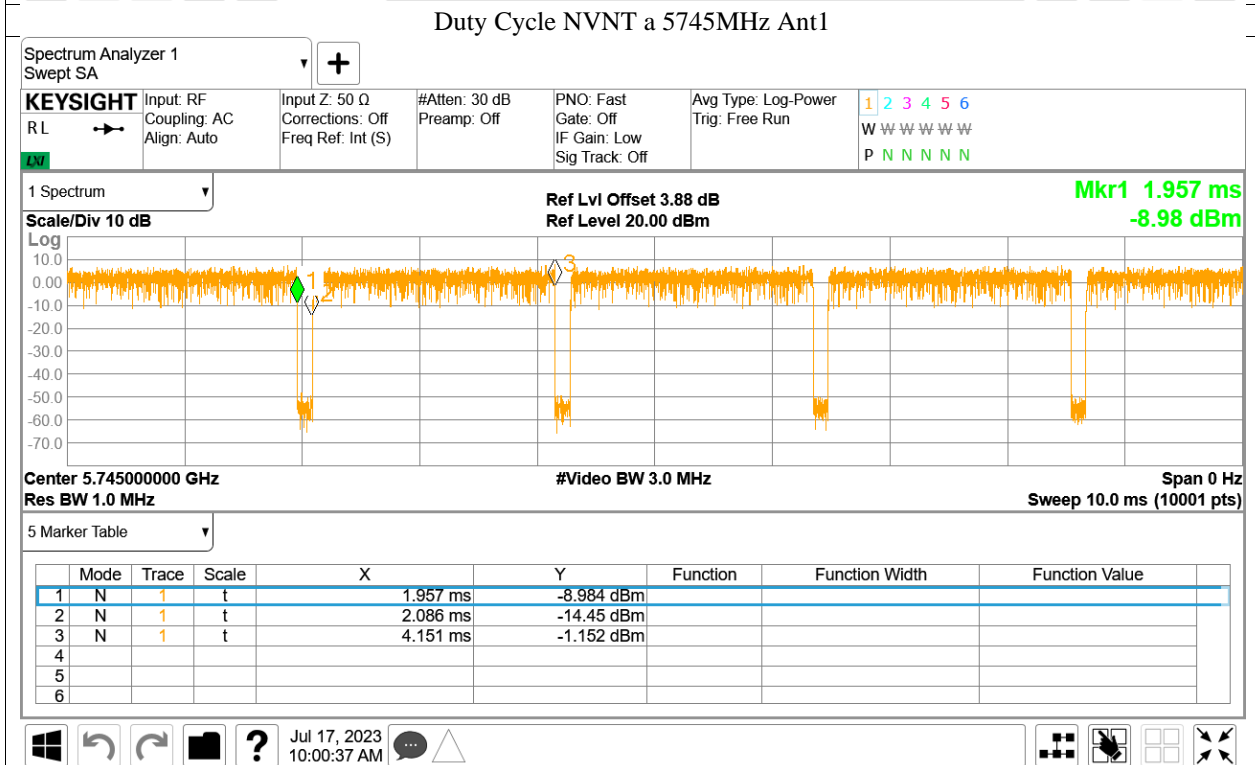
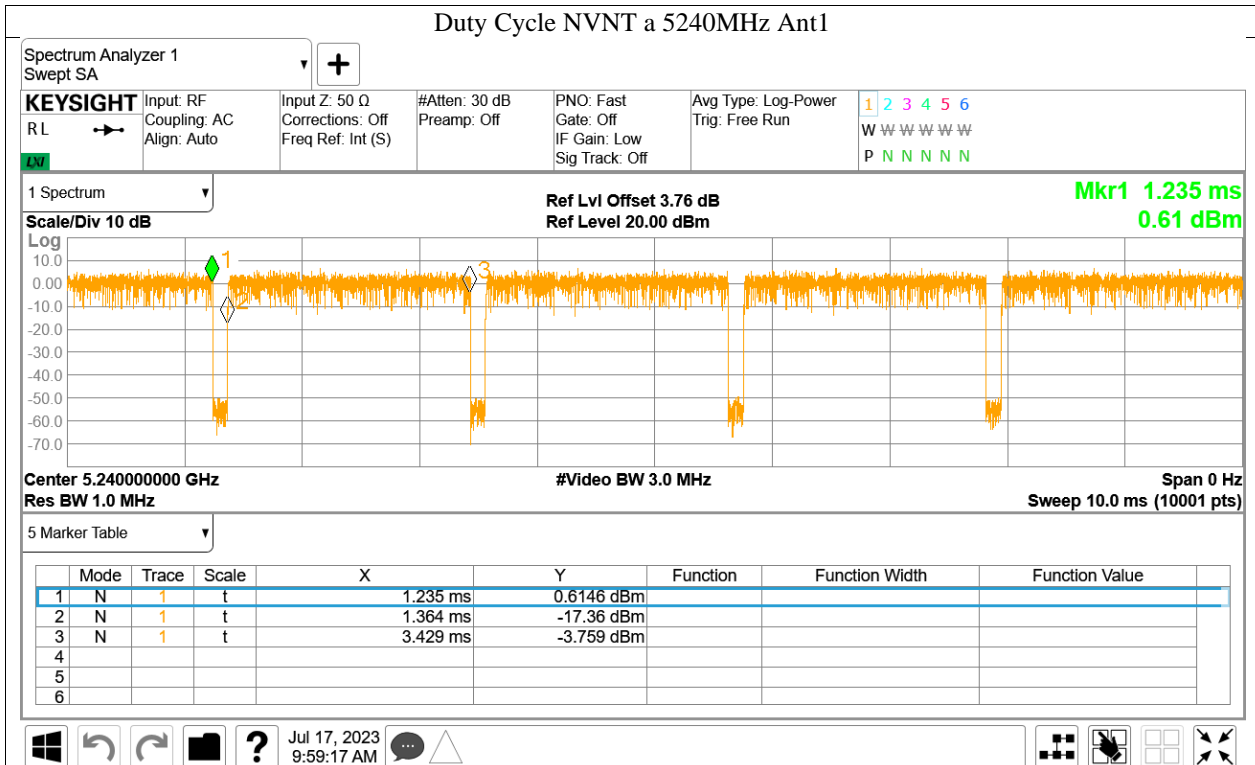
Table of Contents

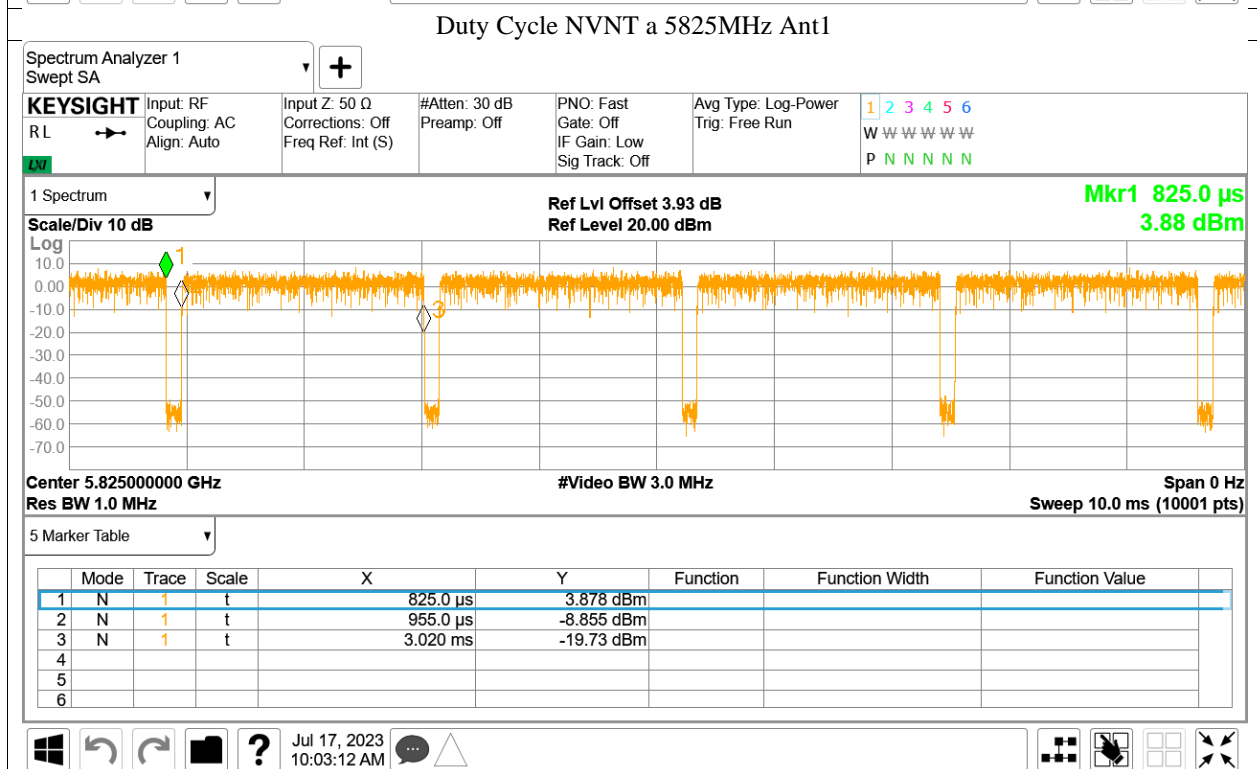
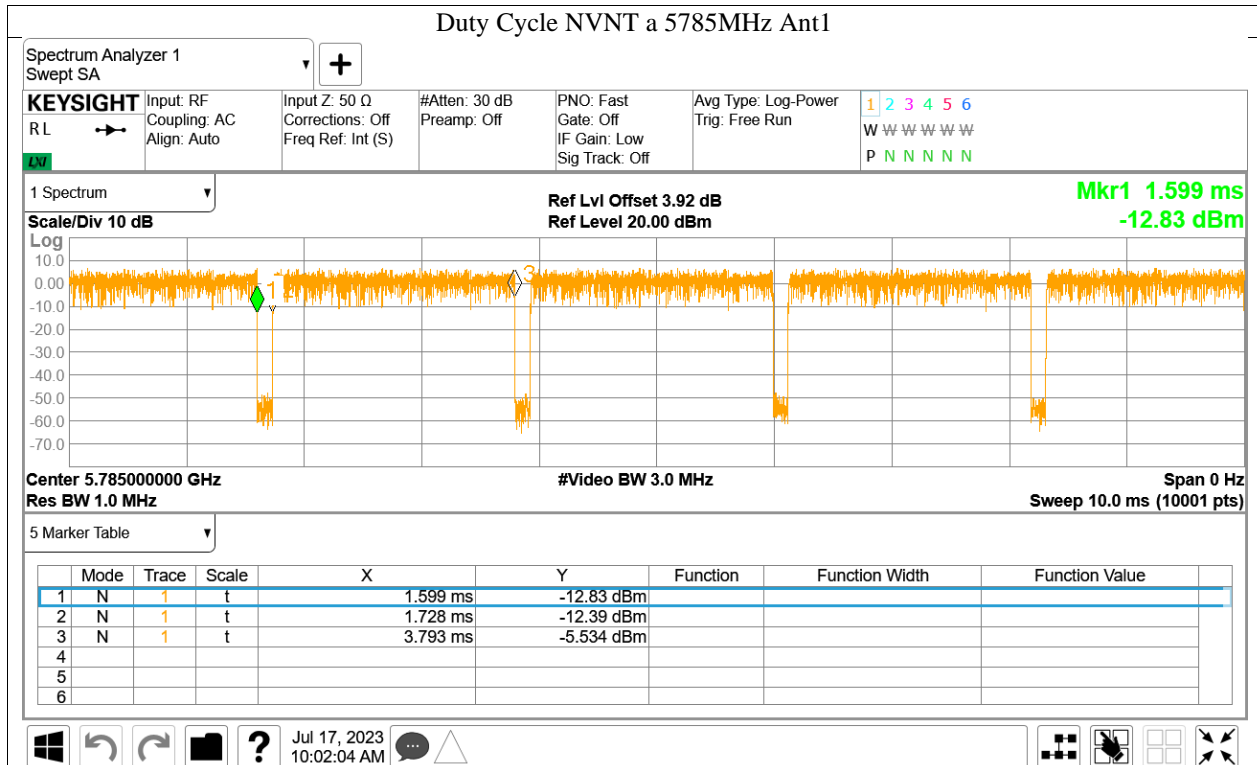
1	Duty Cycle	2
2	Maximum Conducted Output Power	11
3	-26dB Bandwidth	24
4	Occupied Channel Bandwidth.....	29
5	Maximum Power Spectral Density Level.....	38
6	Band Edge	47
7	Frequency Stability	54
8	Conducted RF Spurious Emission	56
9	-6dB Bandwidth	90

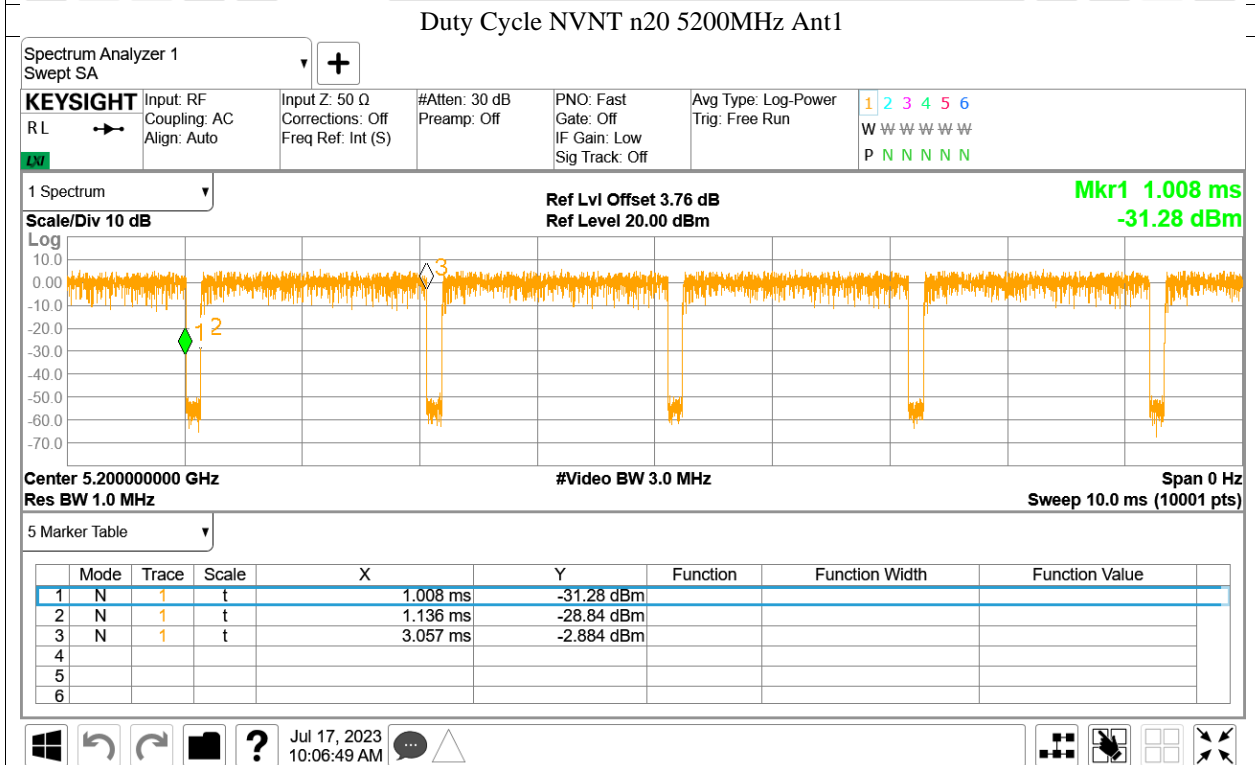
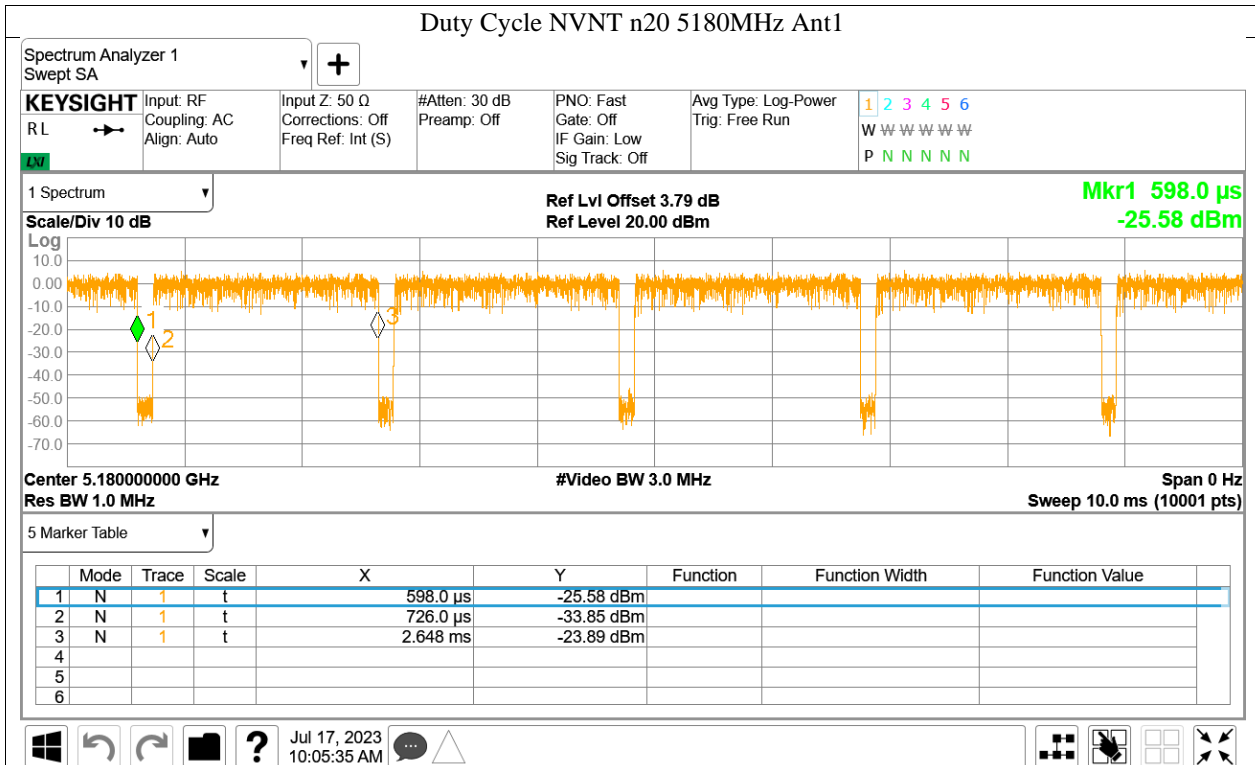
1 Duty Cycle

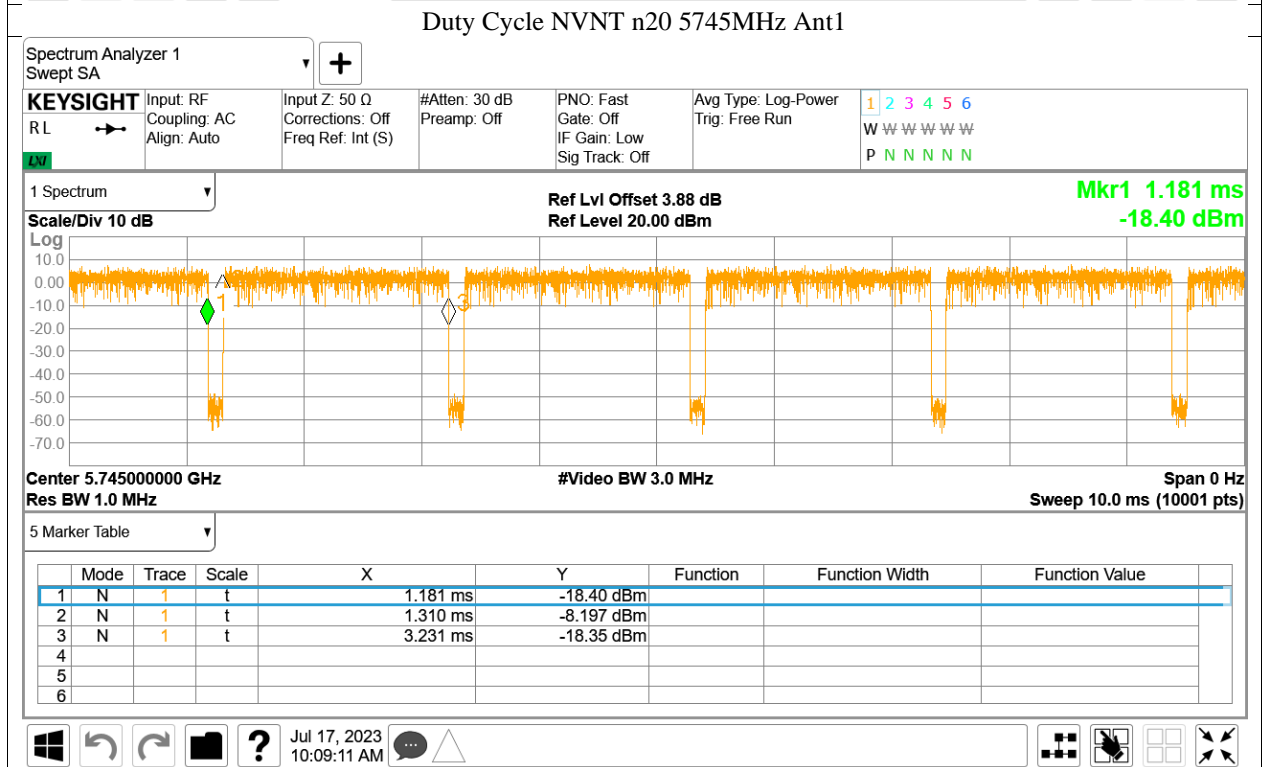
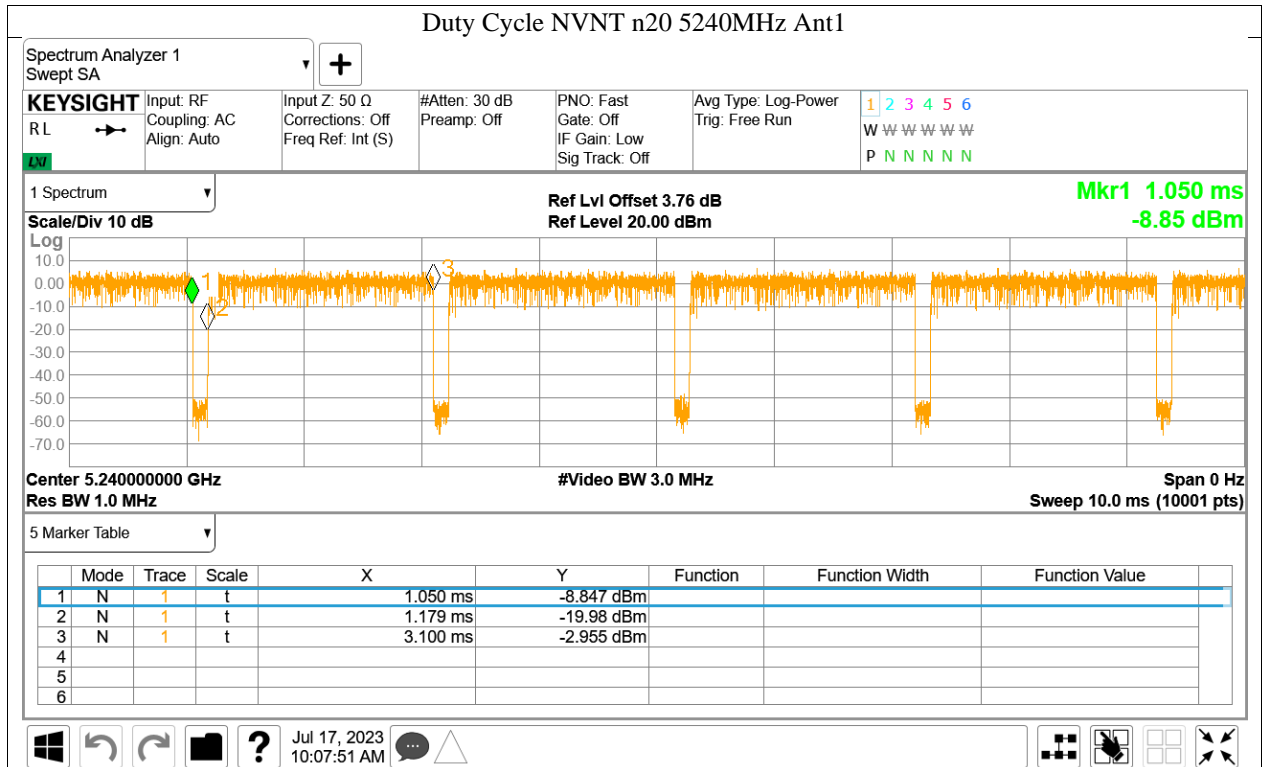
Condition	Mode	Frequency (MHz)	Antenna	Duty Cycle (%)	Correction Factor (dB)
NVNT	a	5180	Ant1	94.12	0.26
NVNT	a	5200	Ant1	94.12	0.26
NVNT	a	5240	Ant1	94.12	0.26
NVNT	a	5745	Ant1	94.12	0.26
NVNT	a	5785	Ant1	94.12	0.26
NVNT	a	5825	Ant1	94.08	0.27
NVNT	n20	5180	Ant1	93.76	0.28
NVNT	n20	5200	Ant1	93.75	0.28
NVNT	n20	5240	Ant1	93.71	0.28
NVNT	n20	5745	Ant1	93.71	0.28
NVNT	n20	5785	Ant1	93.71	0.28
NVNT	n20	5825	Ant1	93.71	0.28
NVNT	n40	5190	Ant1	87.99	0.56
NVNT	n40	5230	Ant1	87.99	0.56
NVNT	n40	5755	Ant1	88.08	0.55
NVNT	n40	5795	Ant1	88.08	0.55

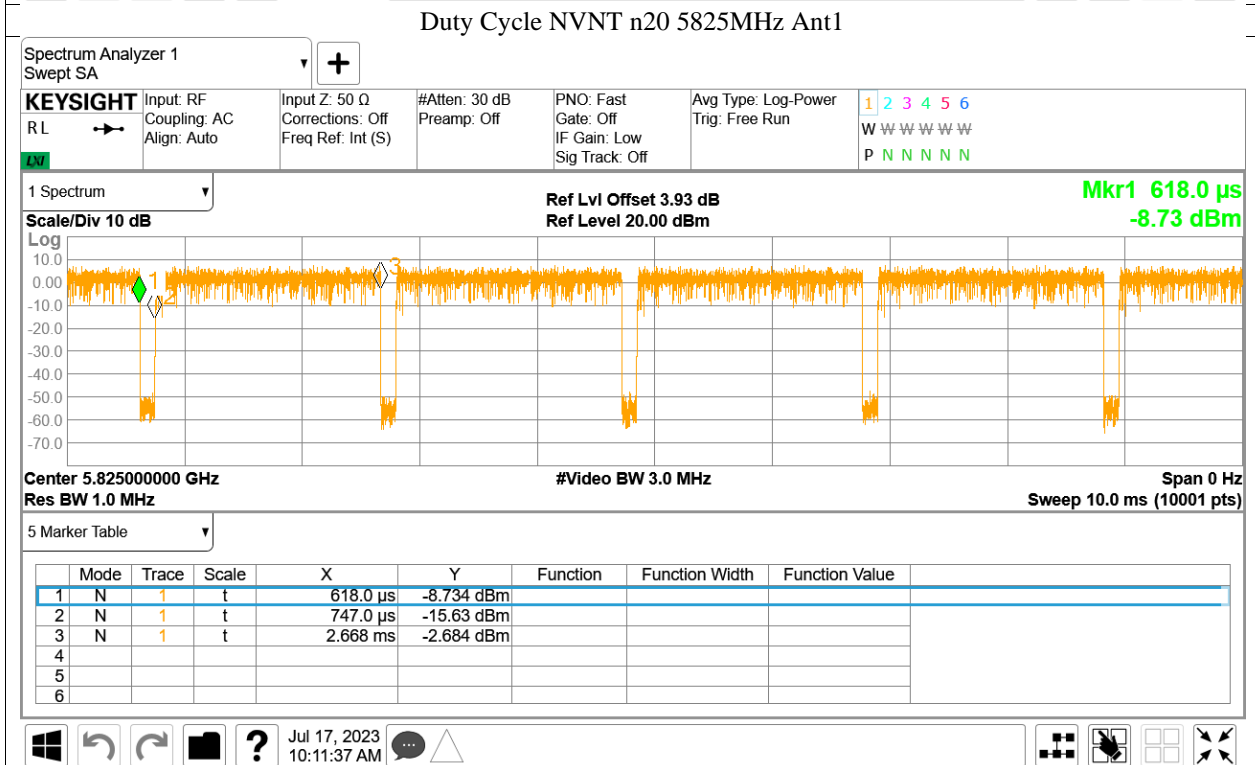
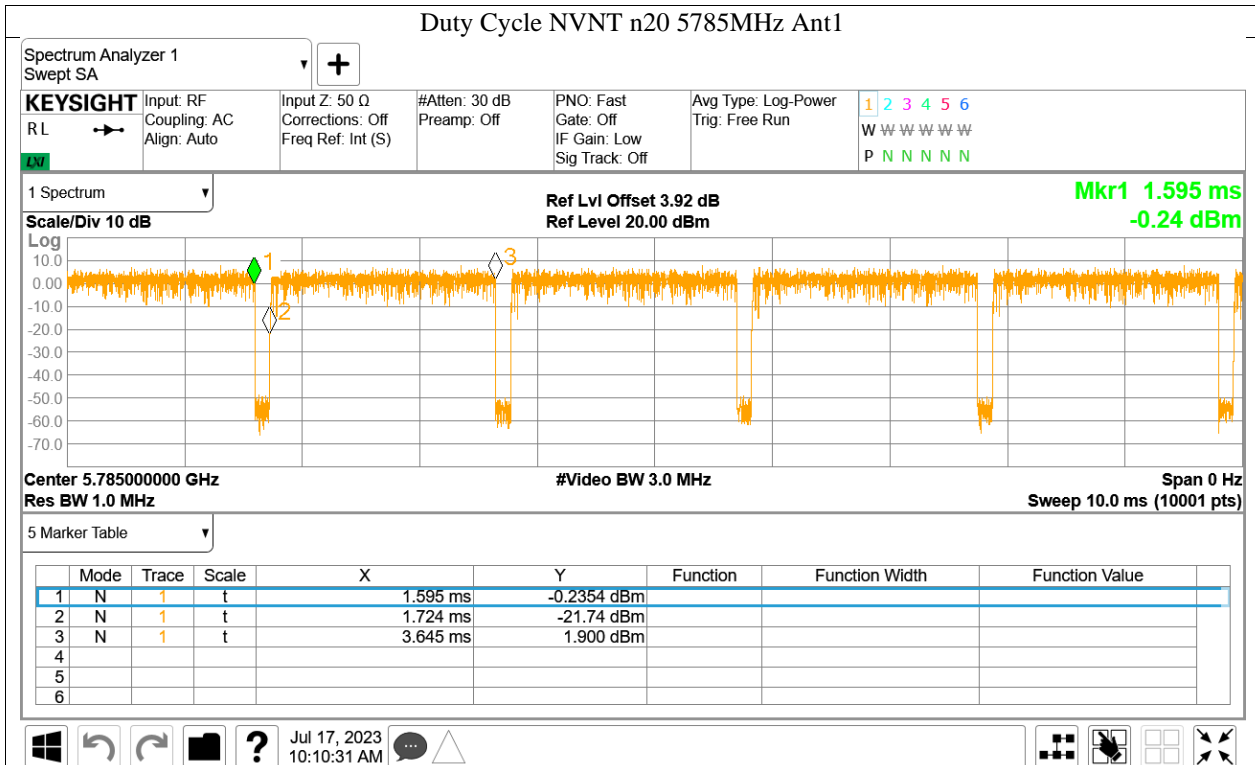


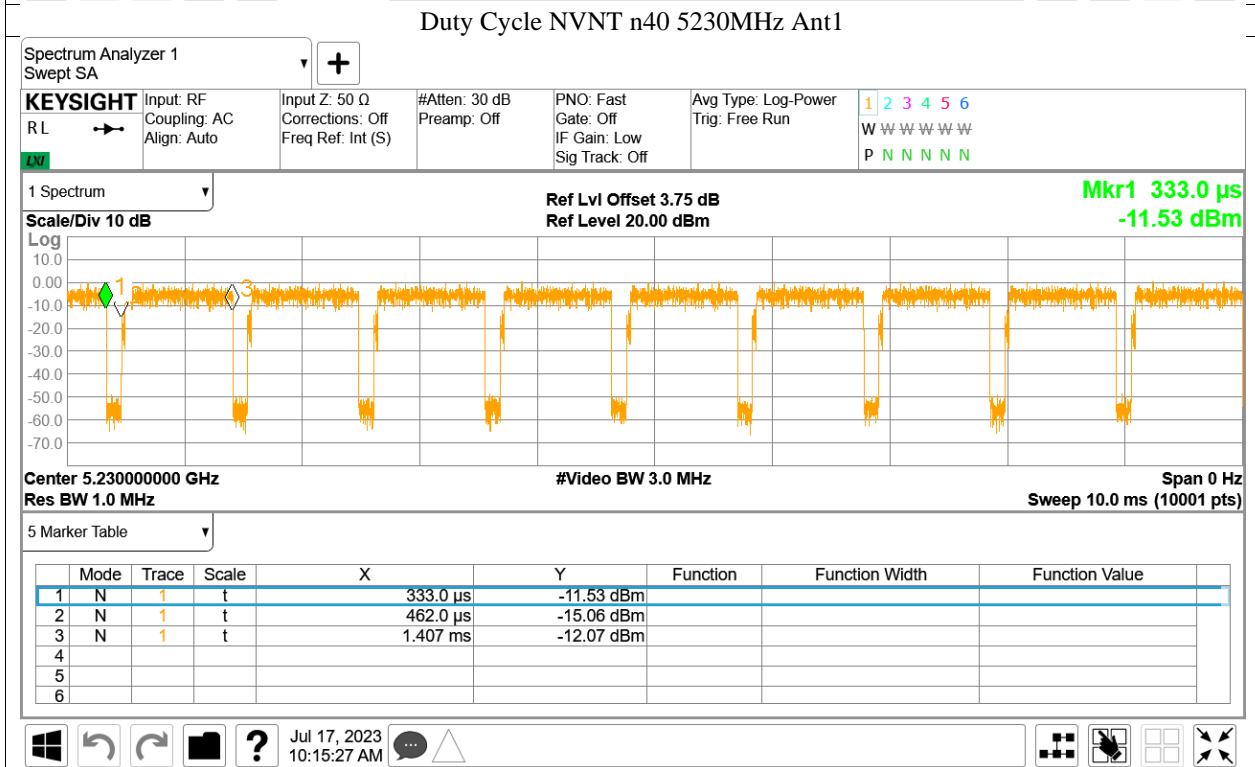
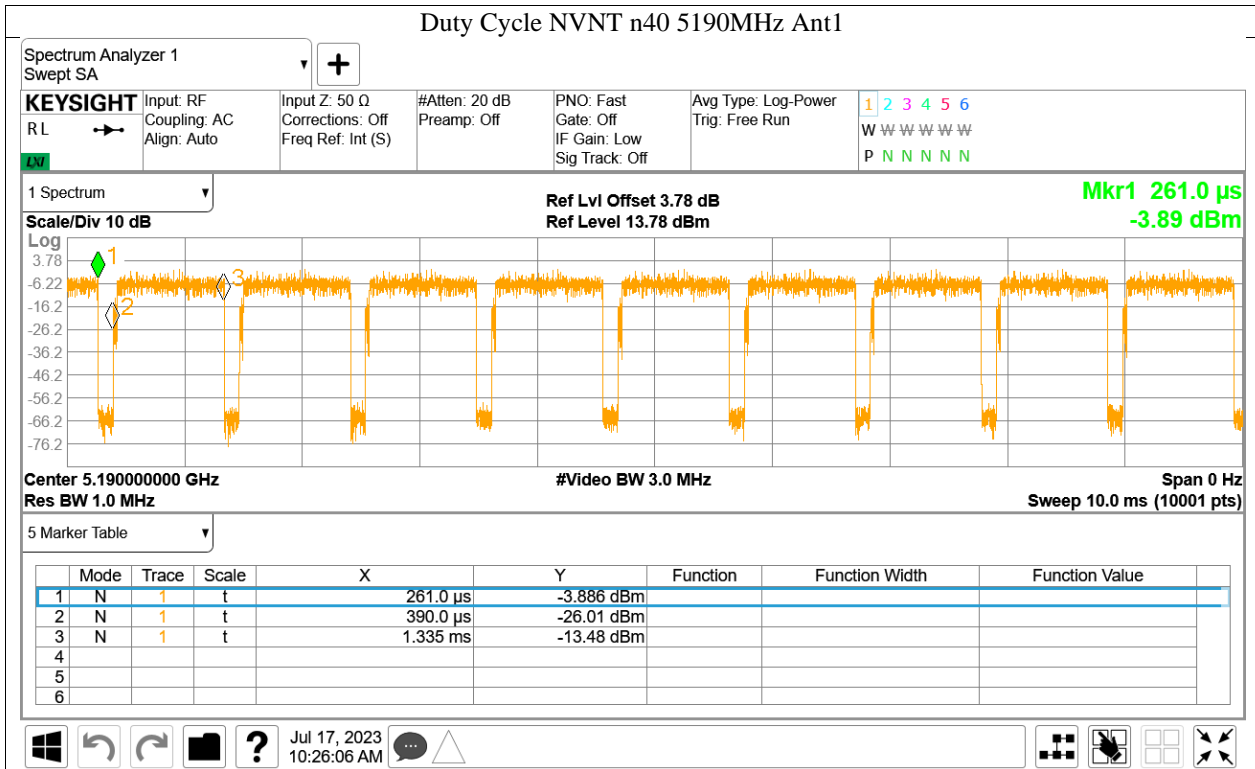


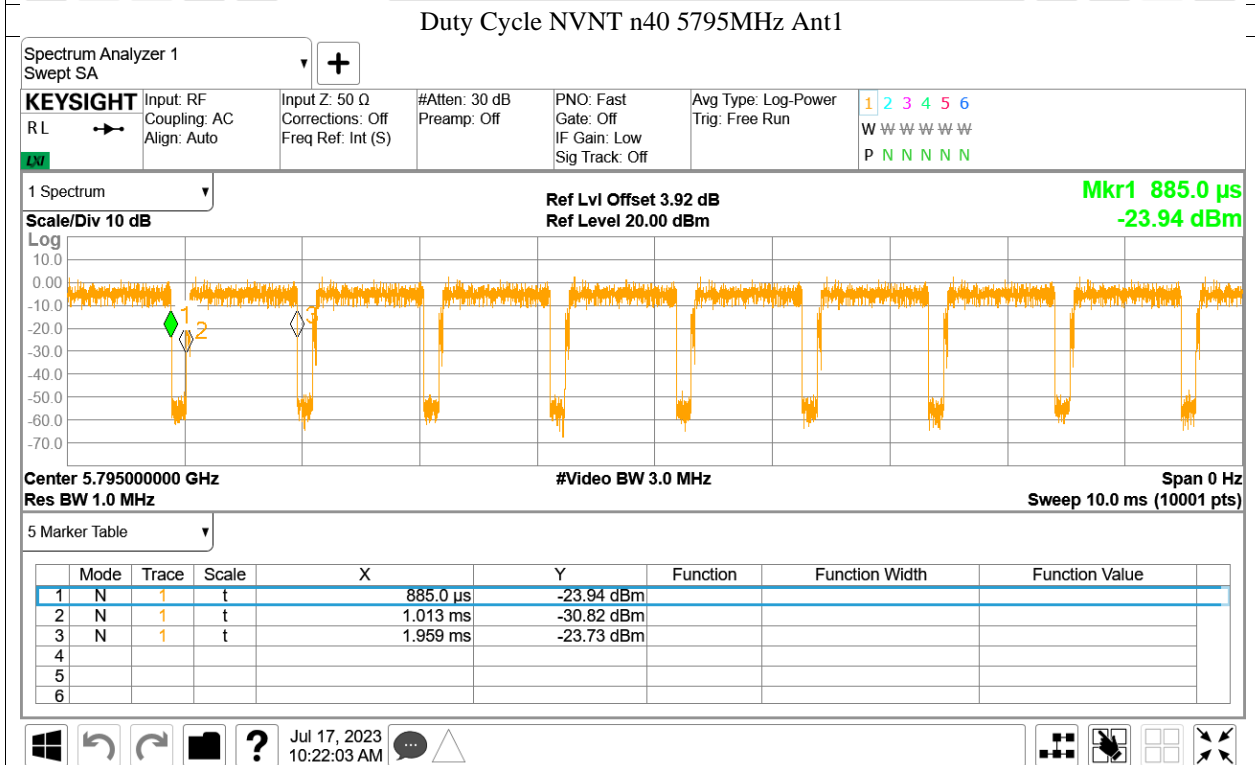
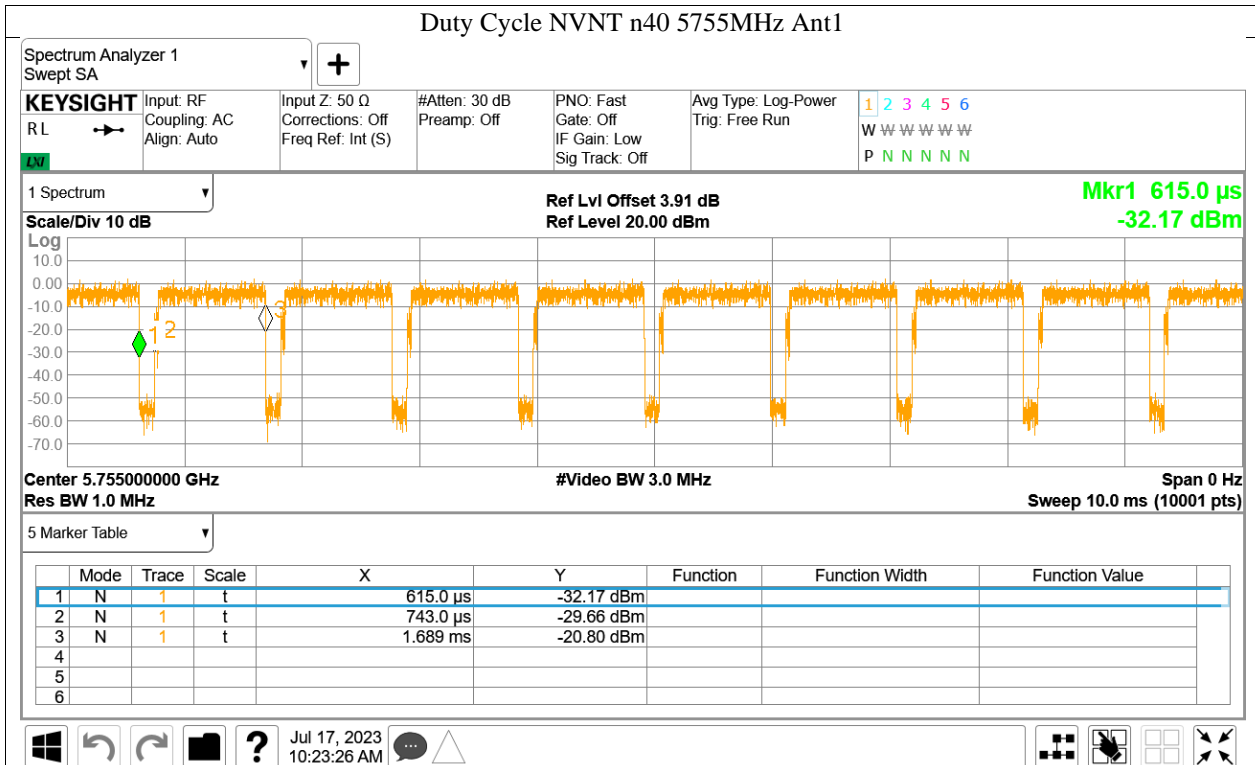








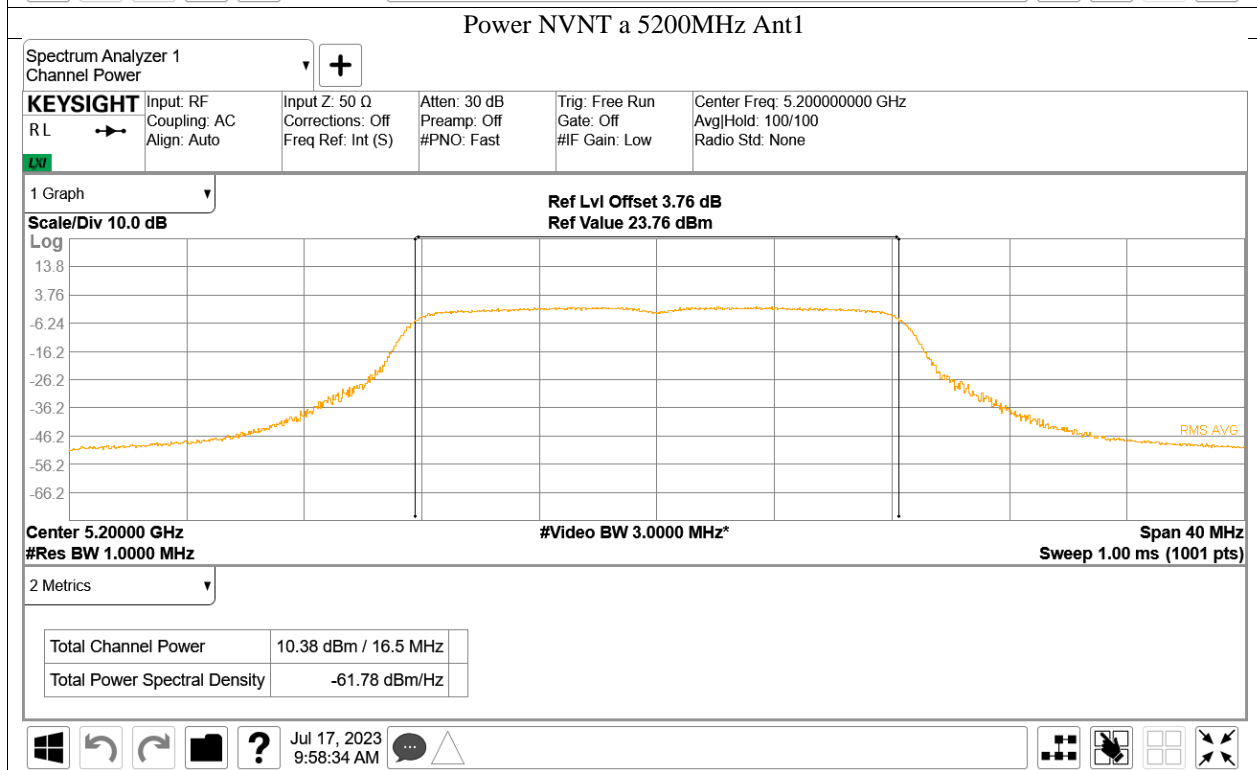
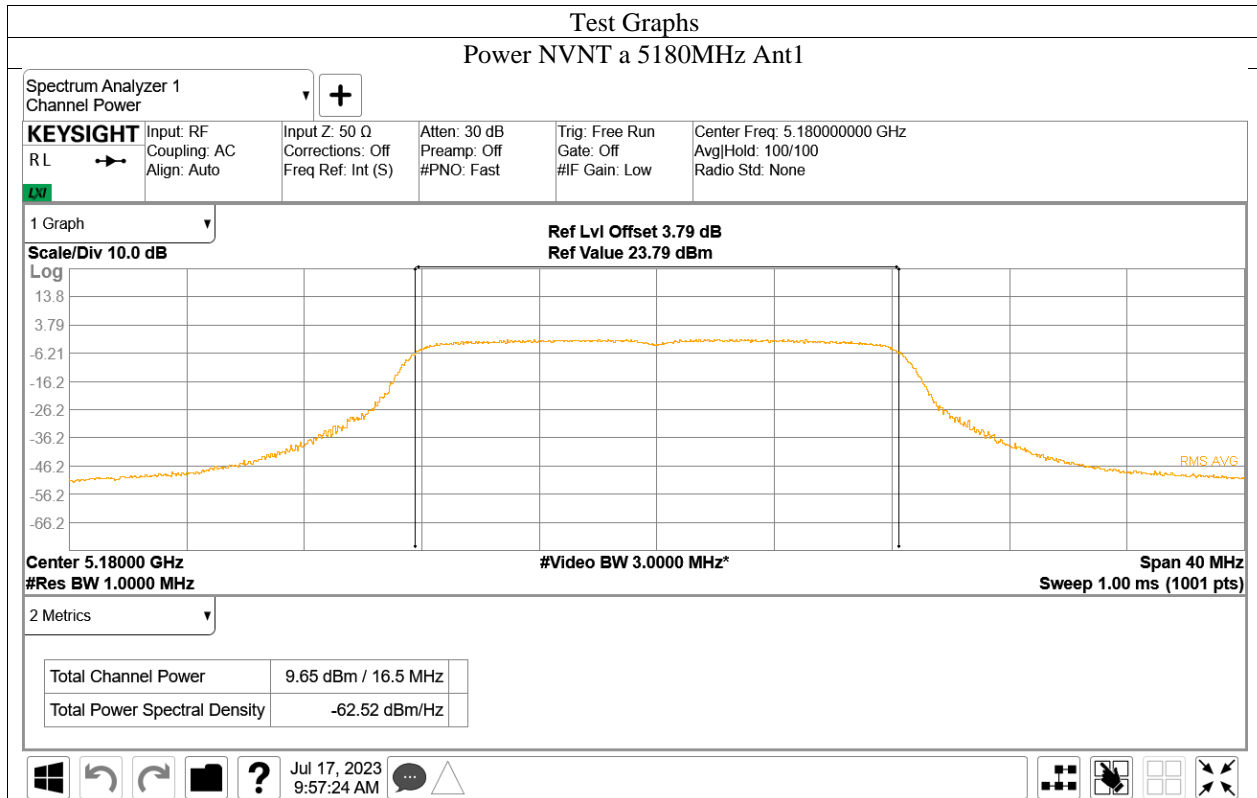


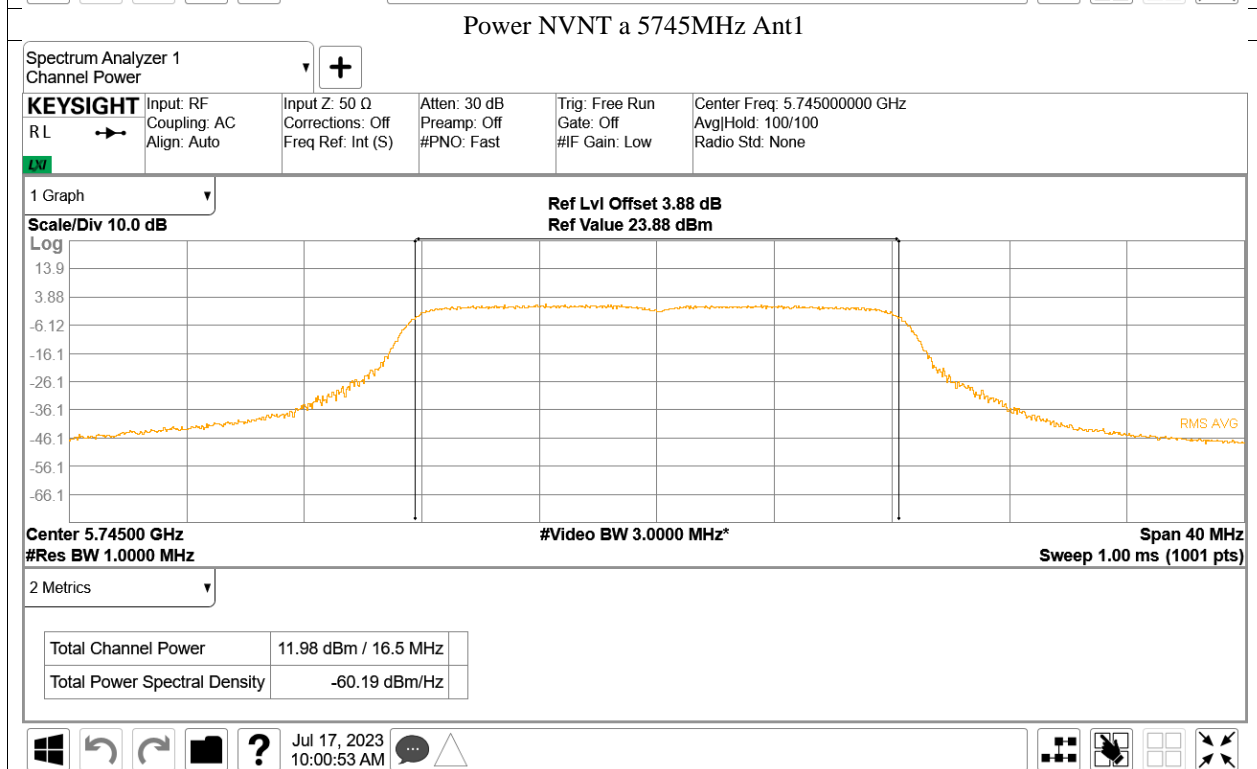
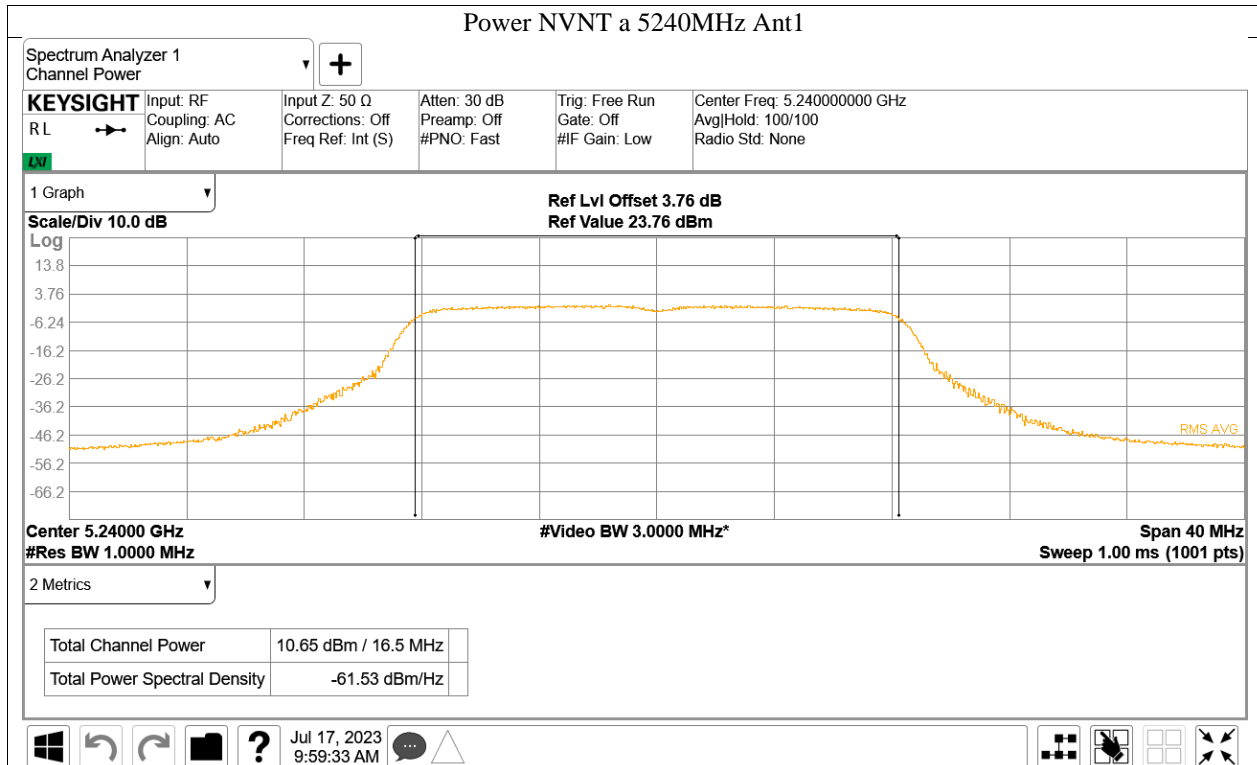


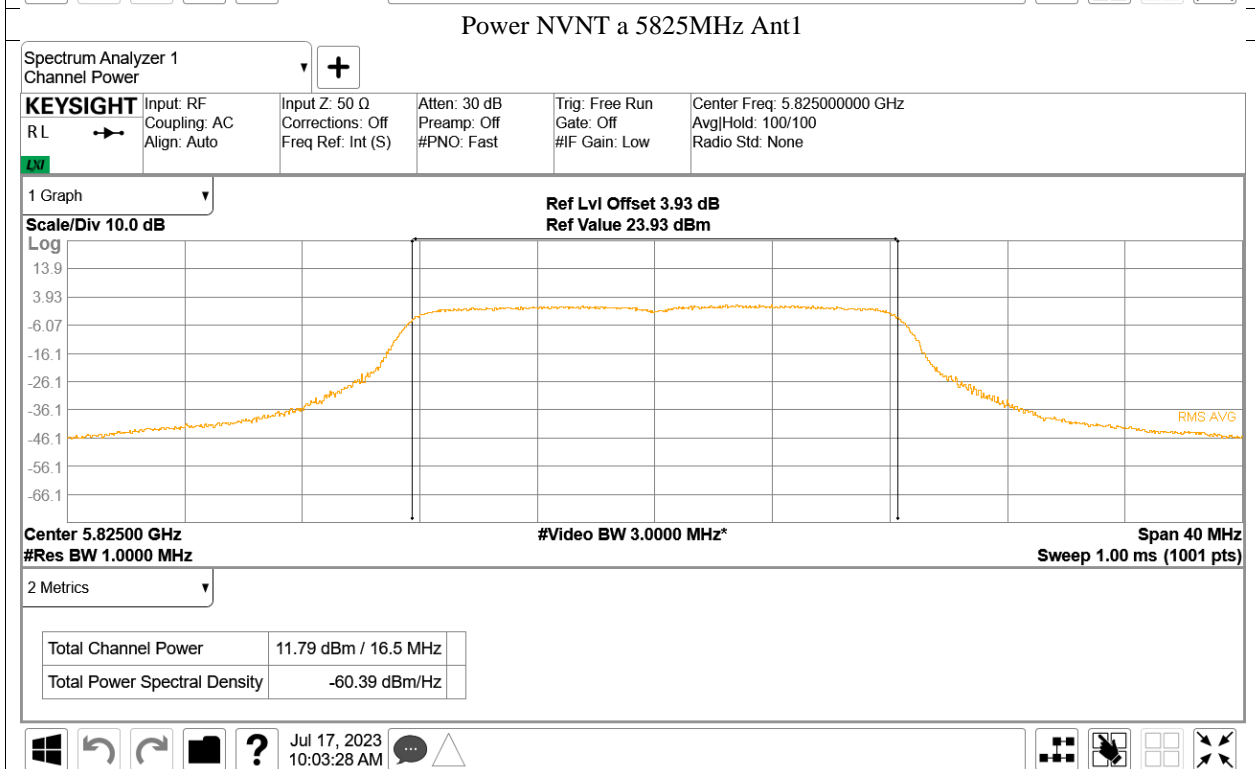
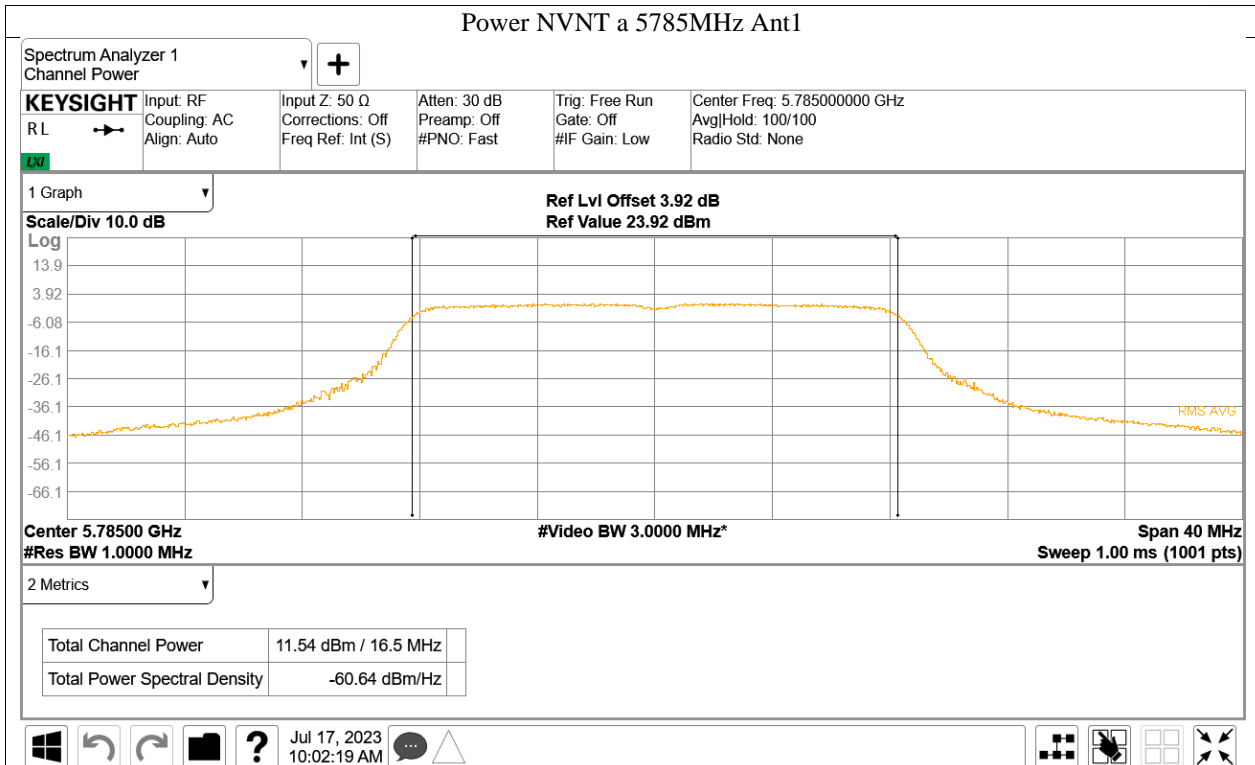


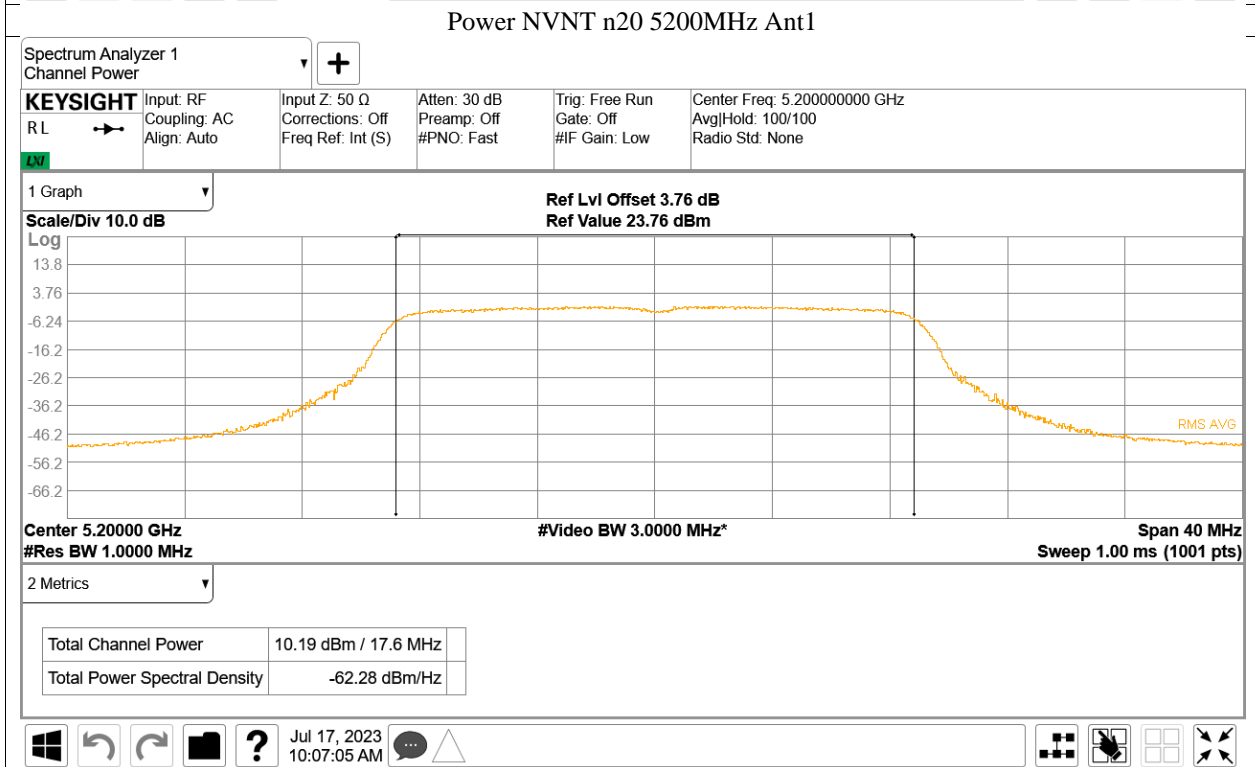
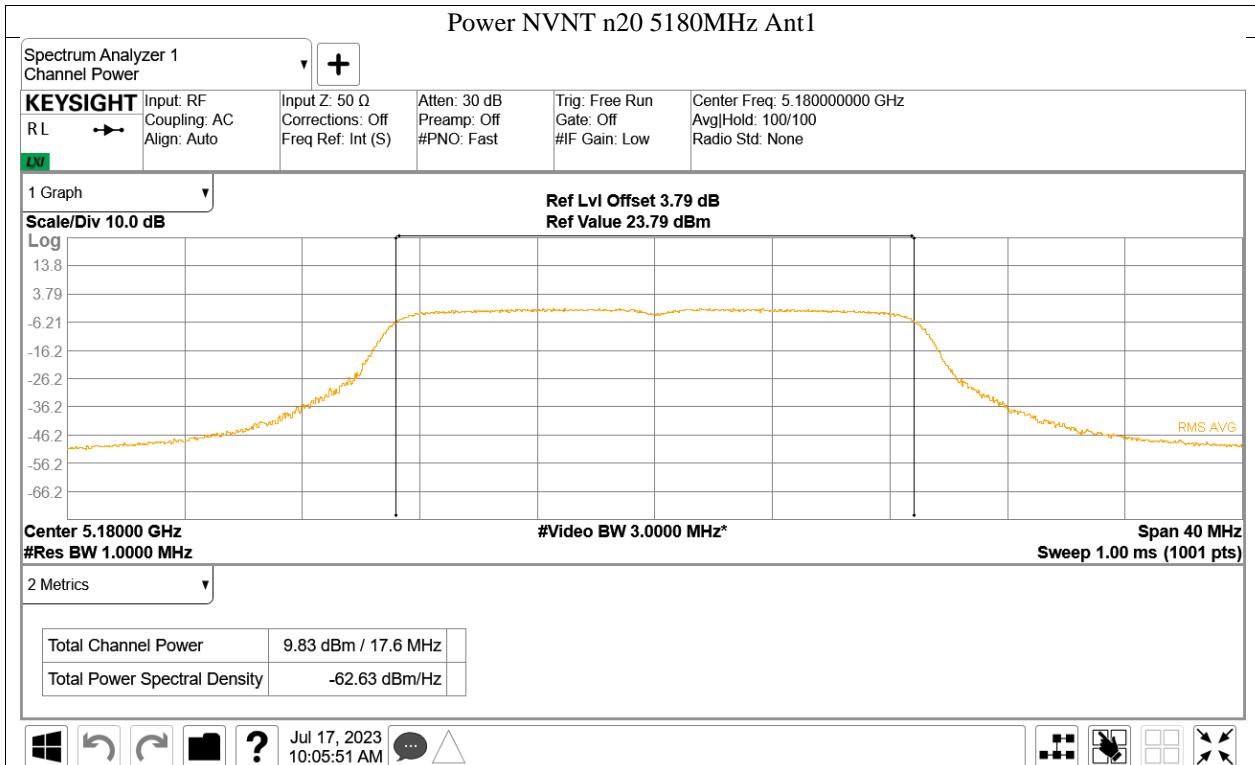
2 Maximum Conducted Output Power

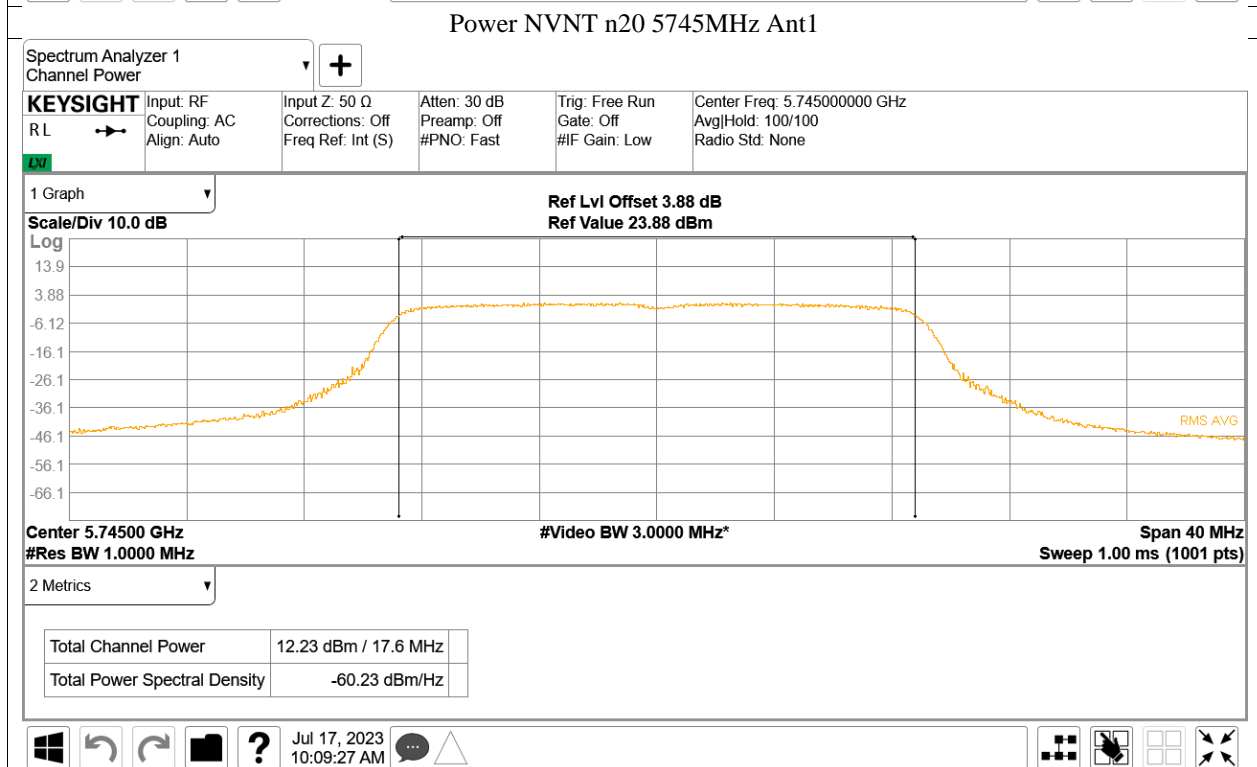
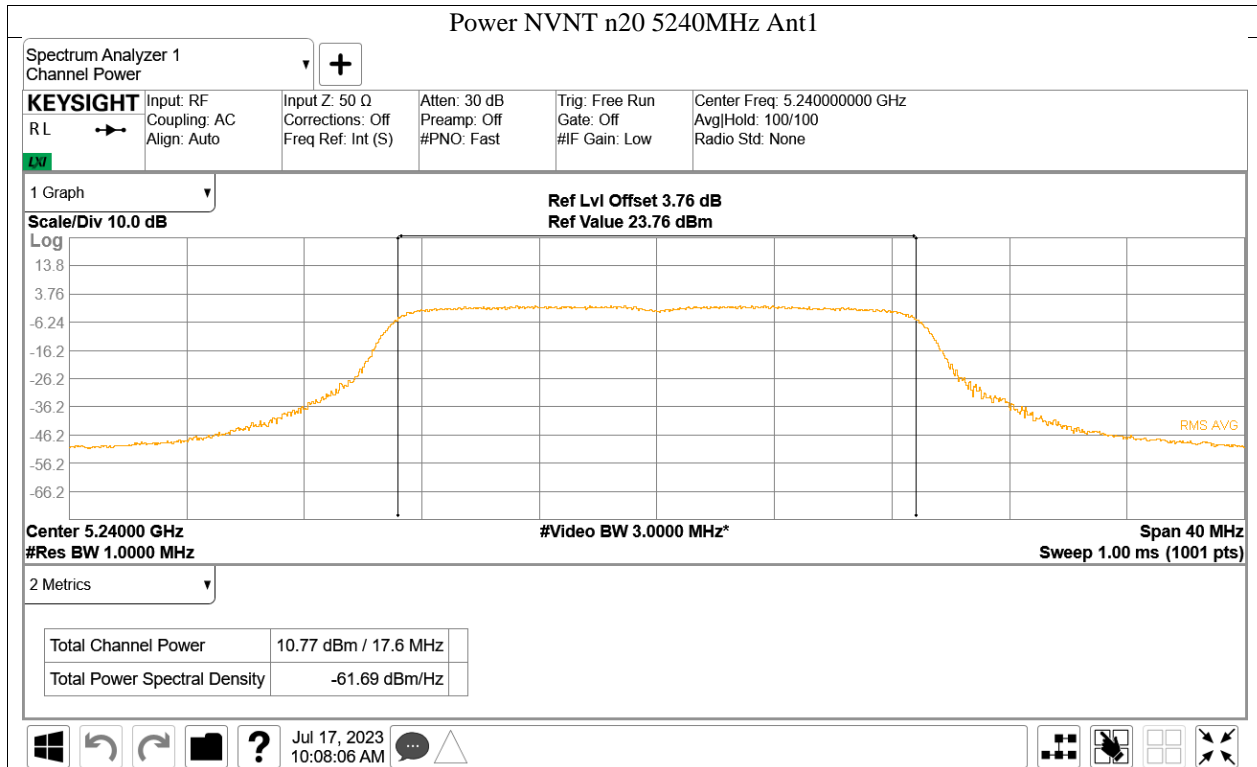
Condition	Mode	Frequency (MHz)	Antenna	Conducted Power (dBm)	Duty Factor (dB)	Total Power (dBm)	Limit (dBm)	Verdict
NVNT	a	5180	Ant1	9.65	0.26	9.91	24	Pass
NVNT	a	5200	Ant1	10.38	0.26	10.64	24	Pass
NVNT	a	5240	Ant1	10.65	0.26	10.91	24	Pass
NVNT	a	5745	Ant1	11.98	0.26	12.24	30	Pass
NVNT	a	5785	Ant1	11.54	0.26	11.8	30	Pass
NVNT	a	5825	Ant1	11.79	0.27	12.06	30	Pass
NVNT	n20	5180	Ant1	9.83	0.28	10.11	24	Pass
NVNT	n20	5200	Ant1	10.19	0.28	10.47	24	Pass
NVNT	n20	5240	Ant1	10.77	0.28	11.05	24	Pass
NVNT	n20	5745	Ant1	12.23	0.28	12.51	30	Pass
NVNT	n20	5785	Ant1	11.78	0.28	12.06	30	Pass
NVNT	n20	5825	Ant1	12.35	0.28	12.63	30	Pass
NVNT	n40	5190	Ant1	9.82	0.56	10.38	24	Pass
NVNT	n40	5230	Ant1	10.65	0.56	11.21	24	Pass
NVNT	n40	5755	Ant1	12.41	0.55	12.96	30	Pass
NVNT	n40	5795	Ant1	11.62	0.55	12.17	30	Pass

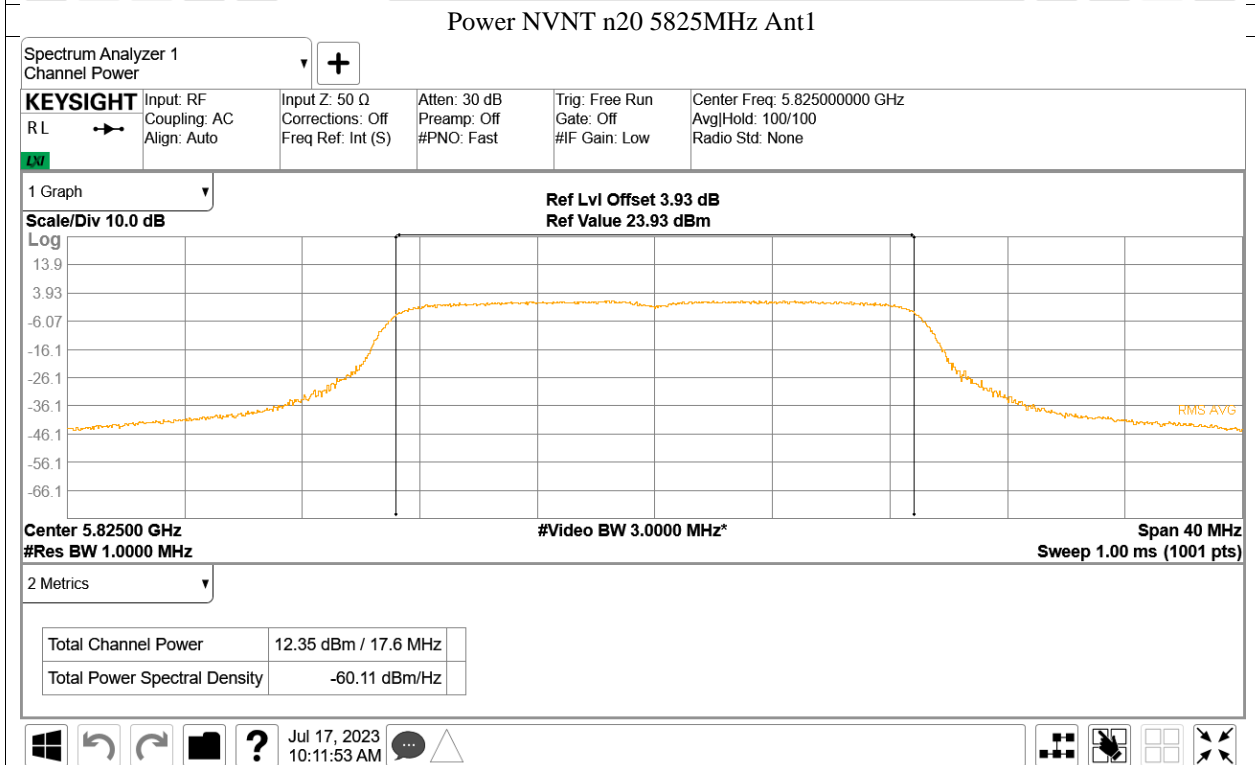
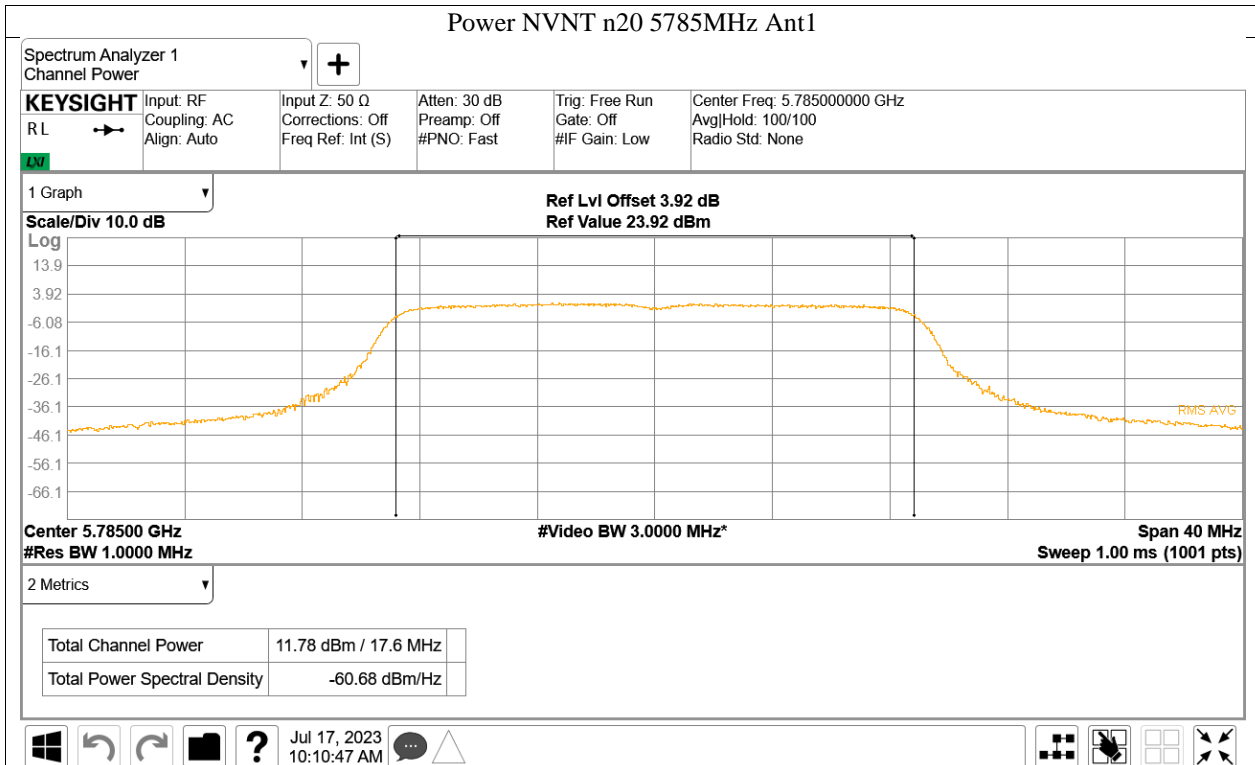


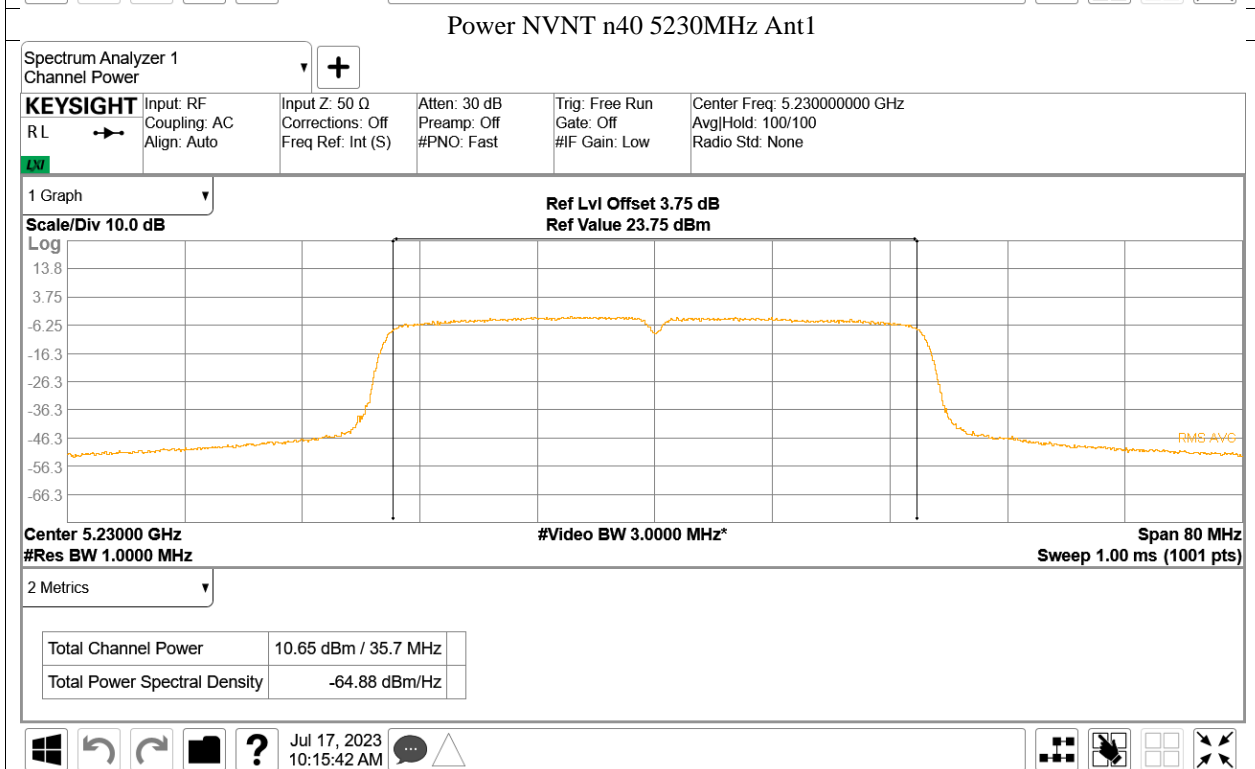
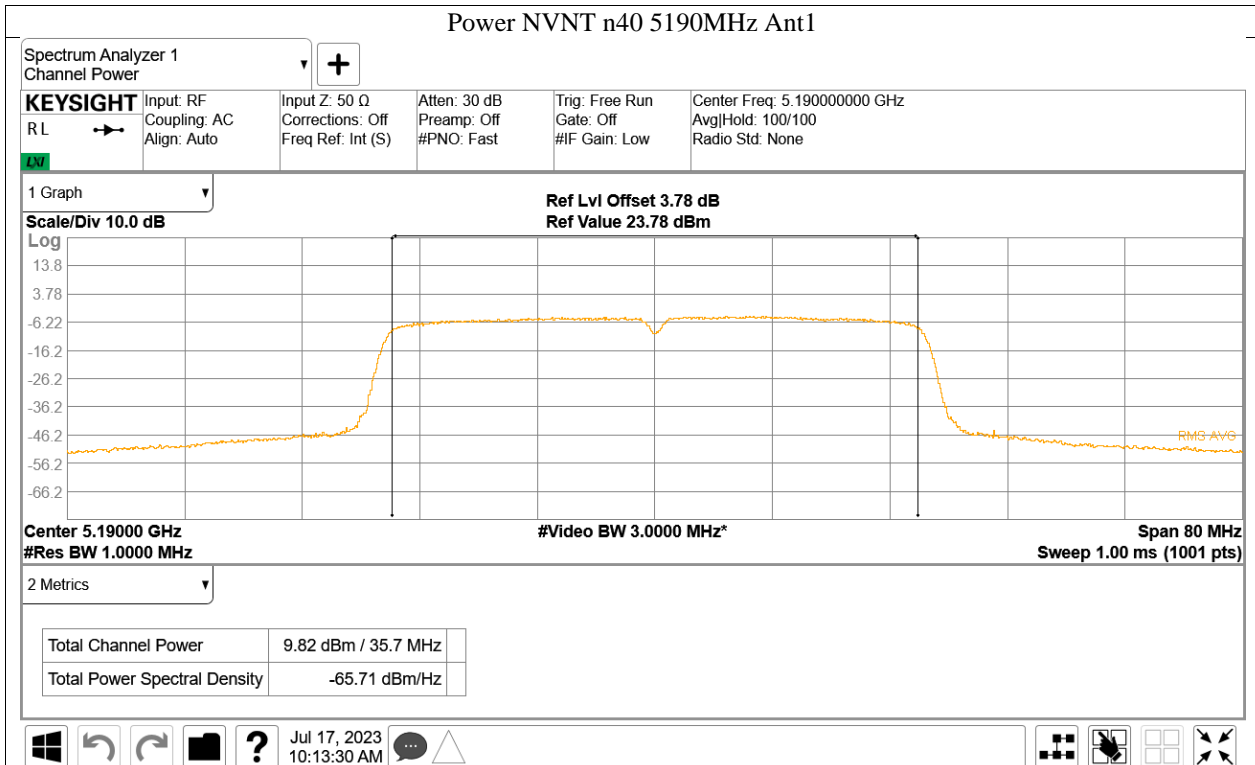


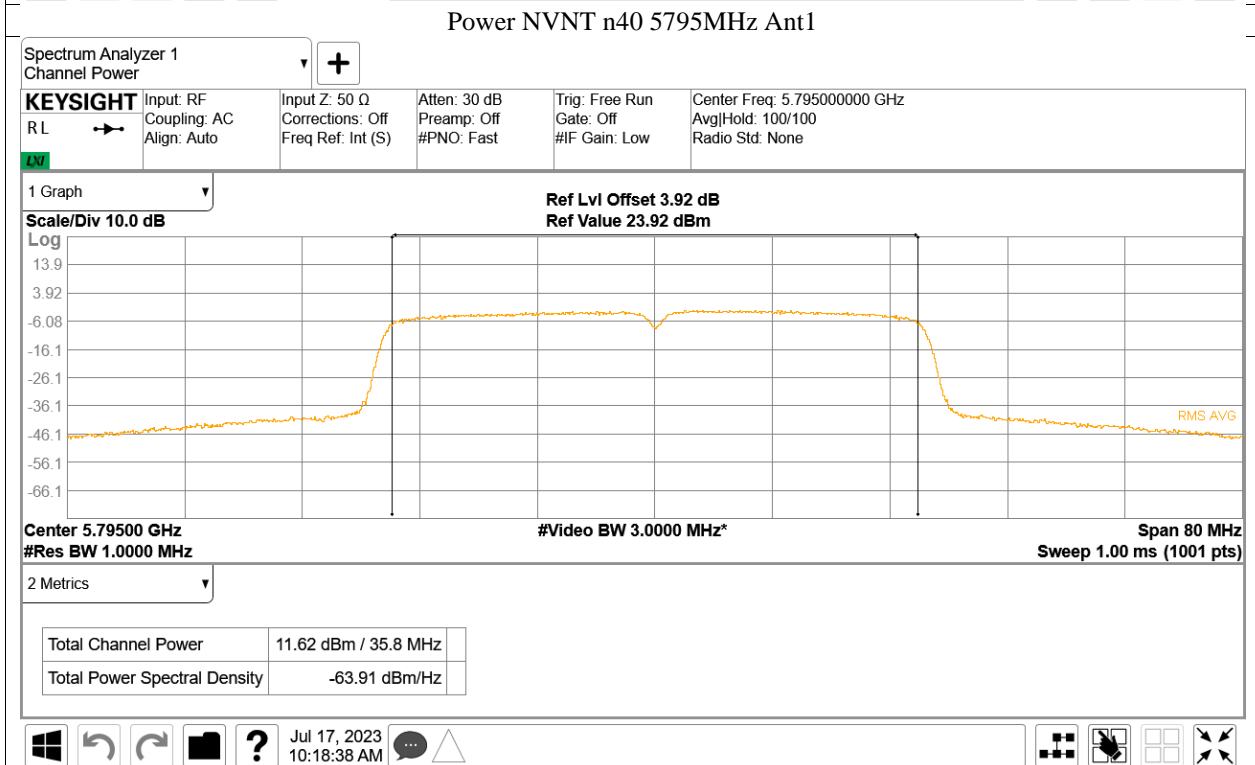
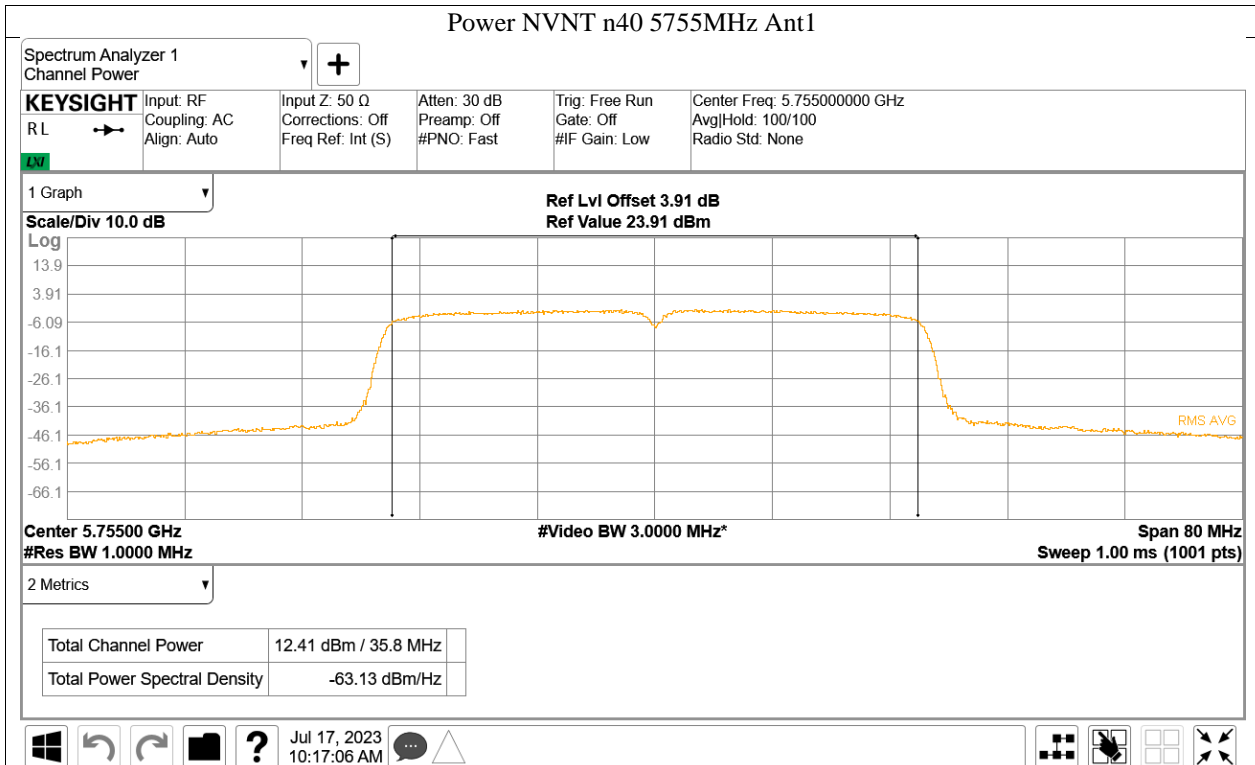


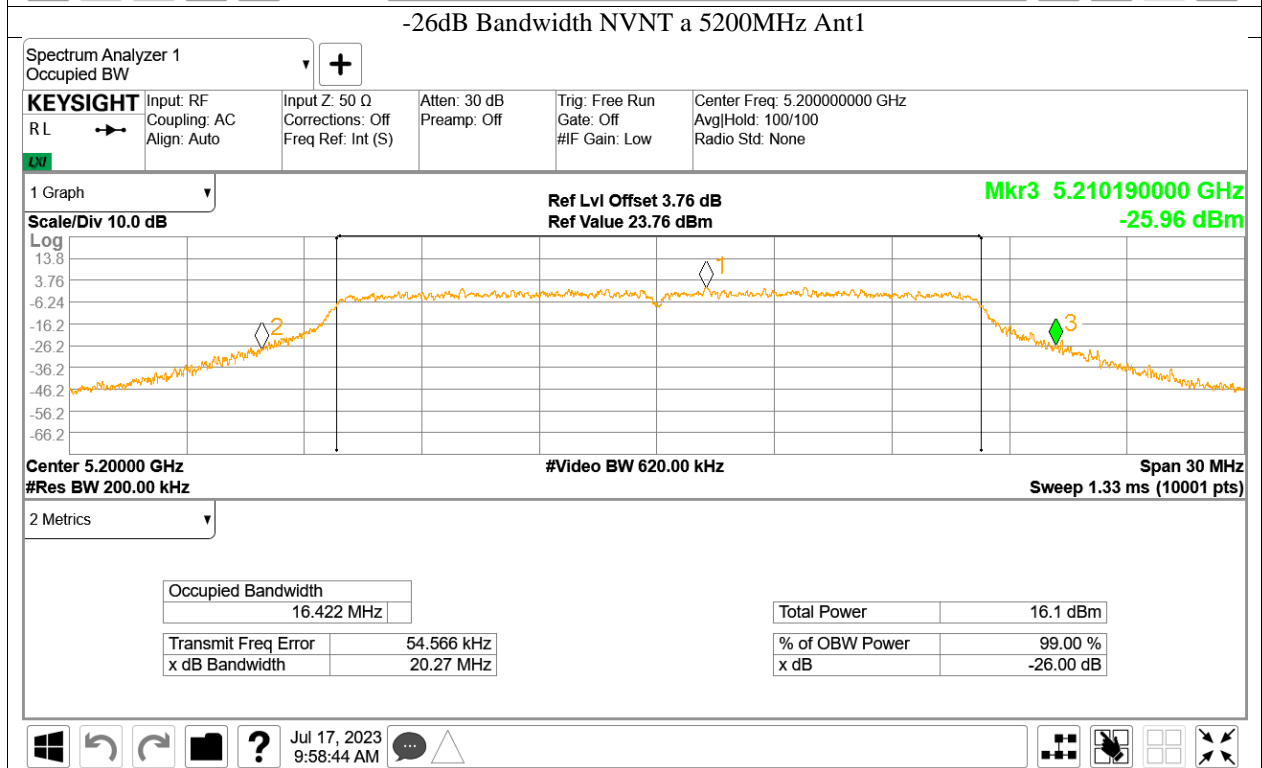
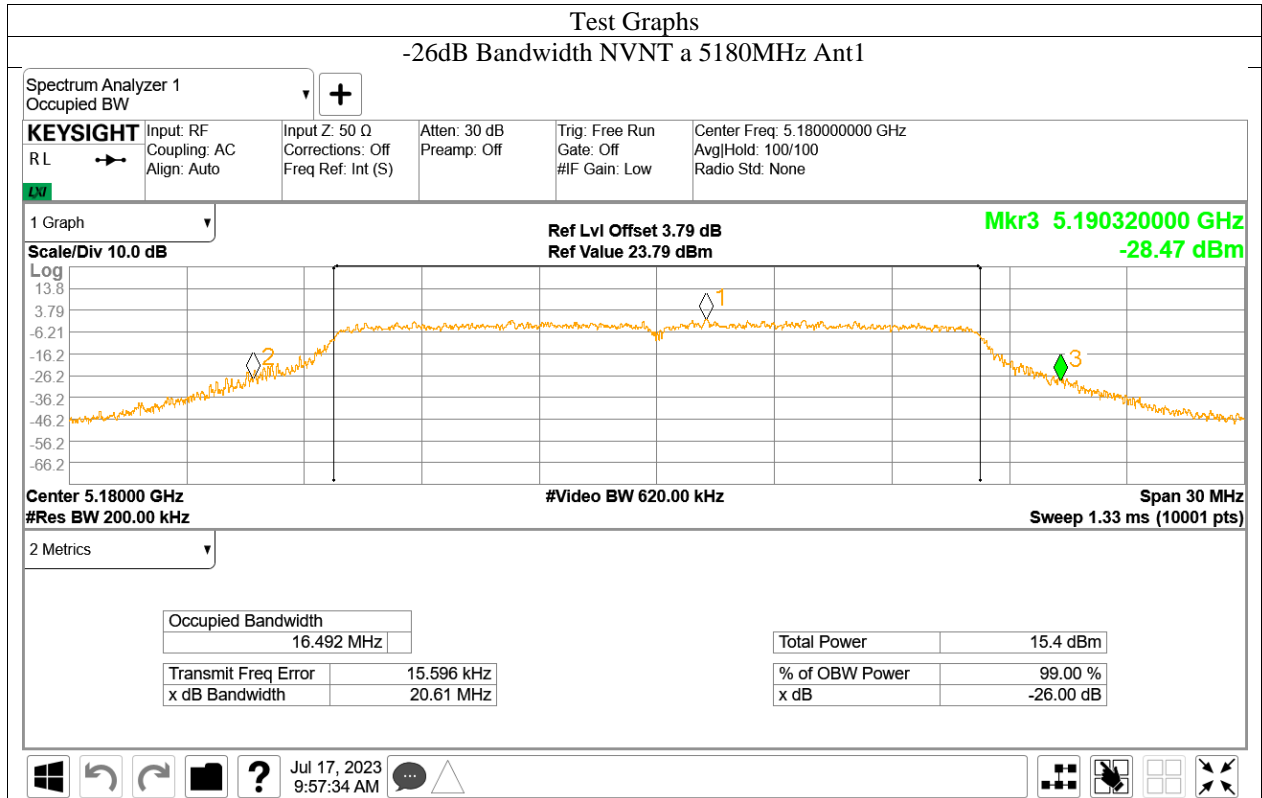


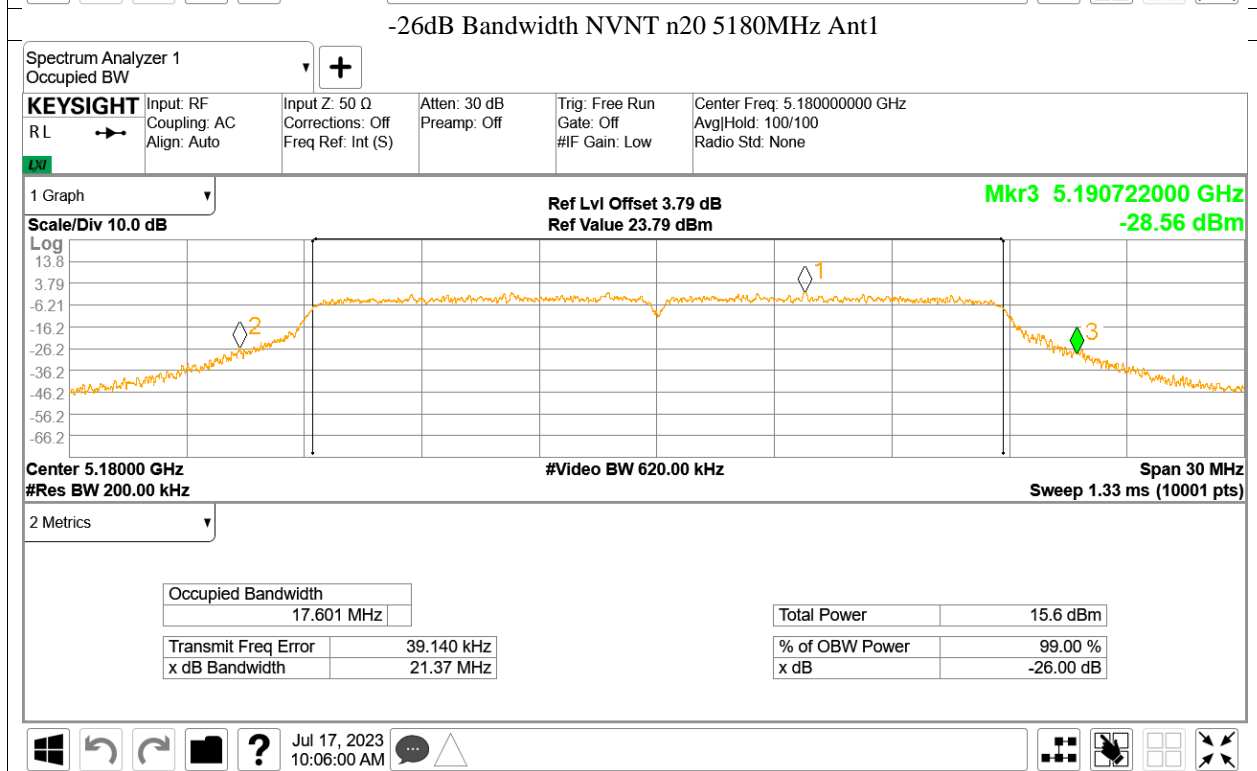
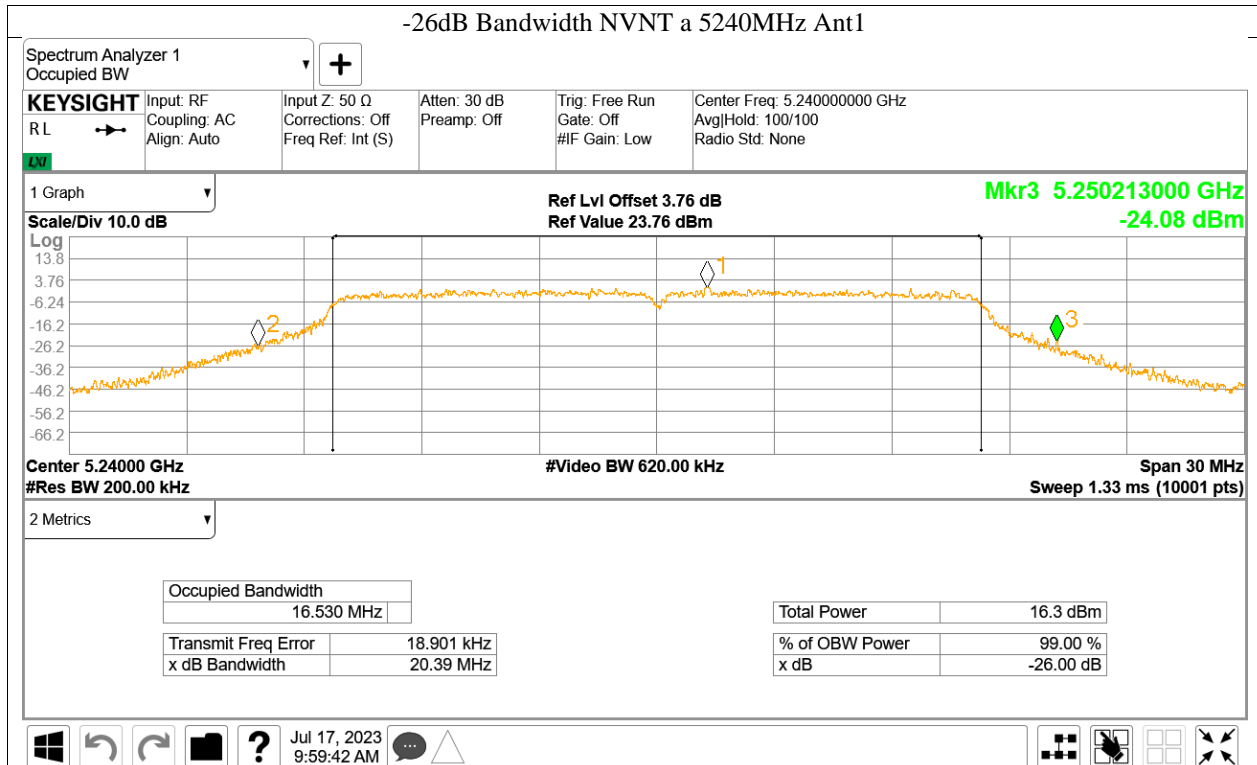


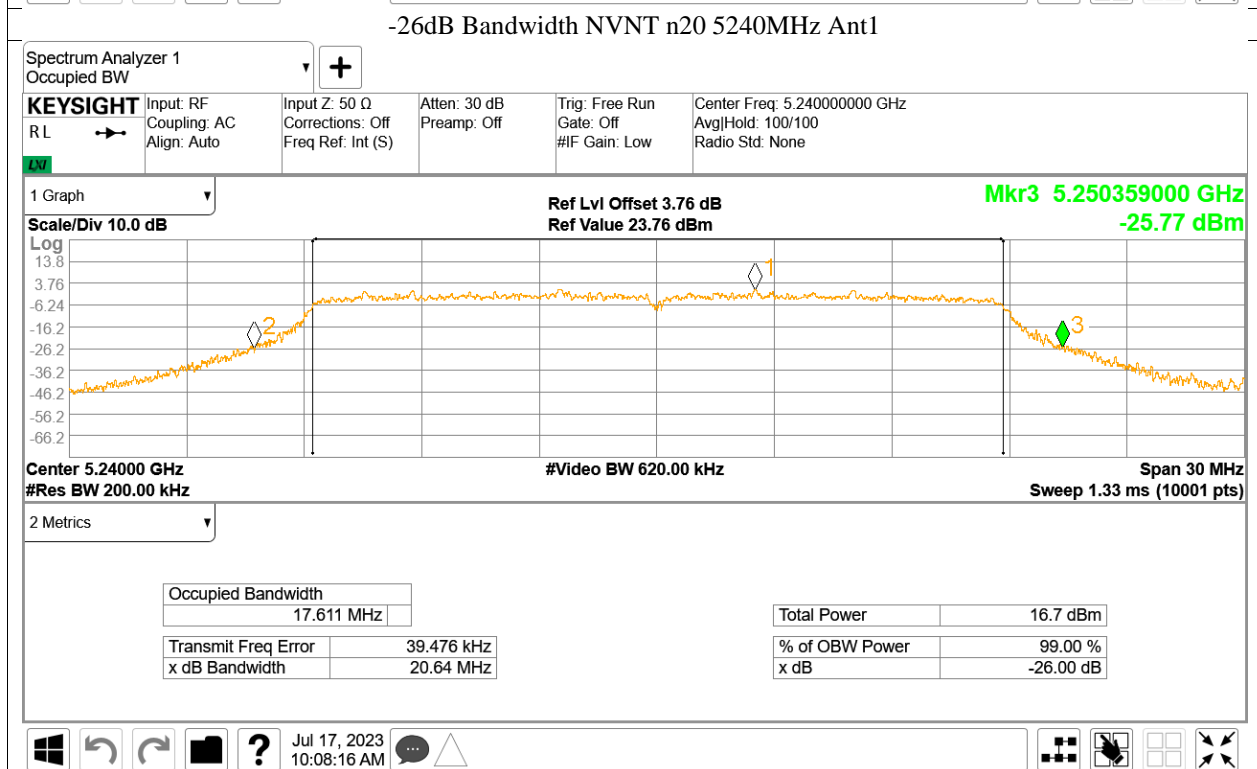
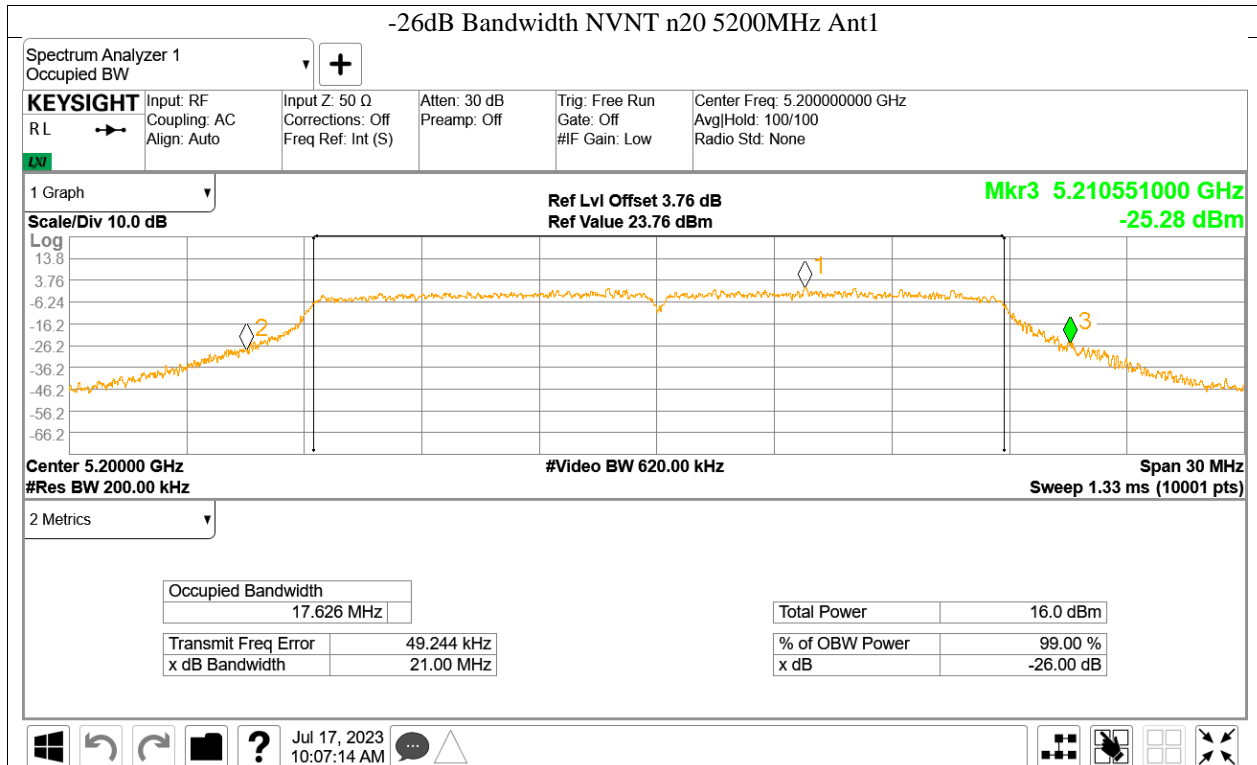


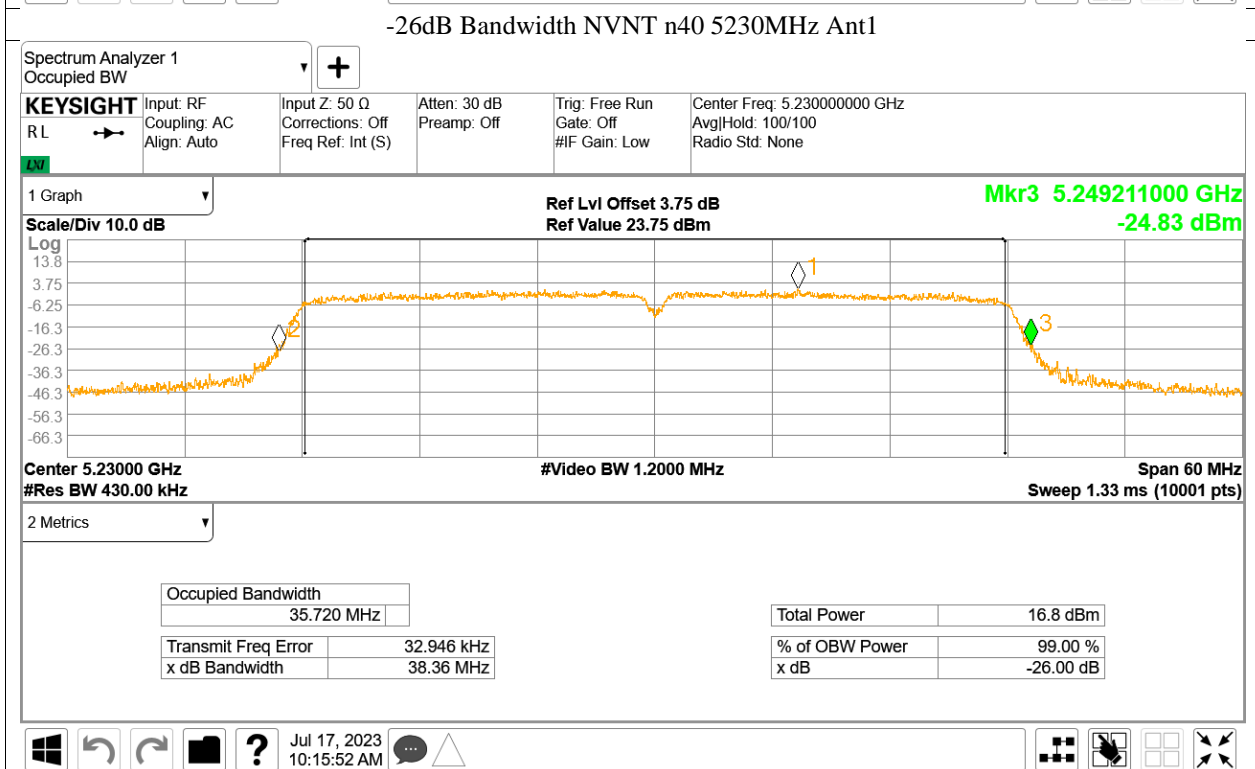
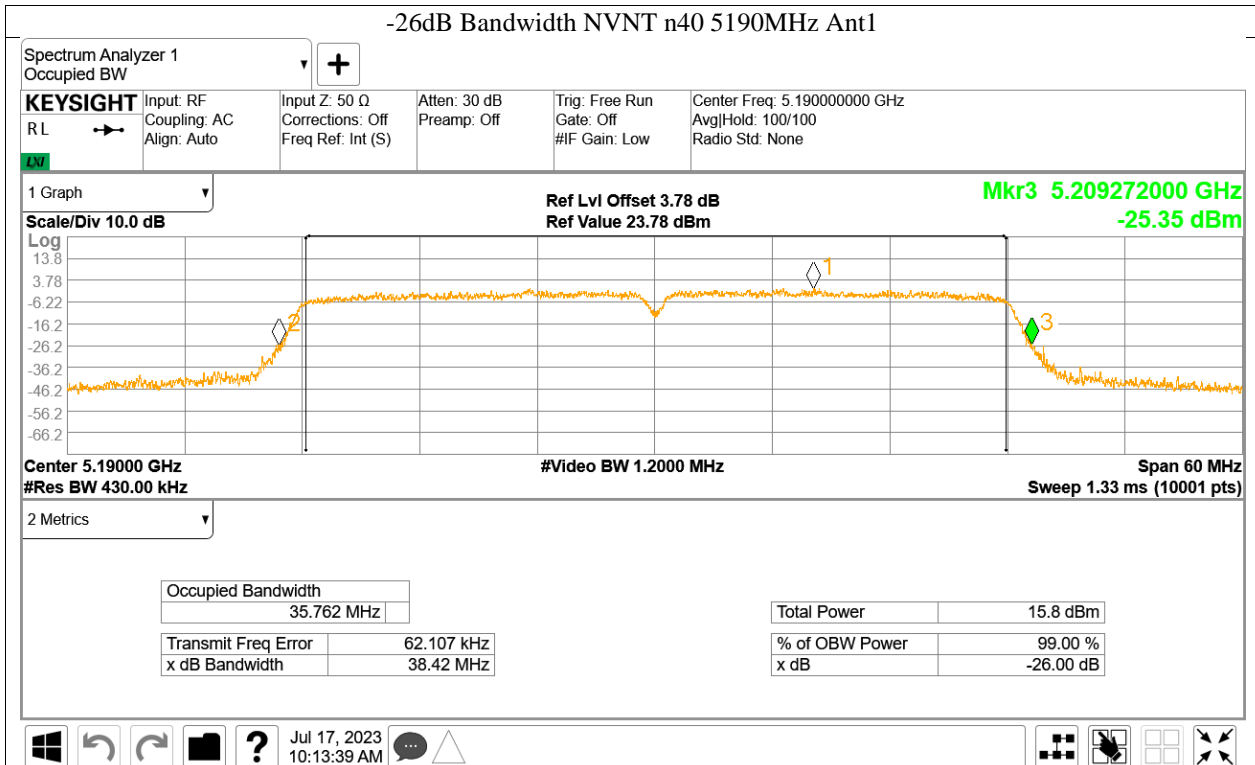








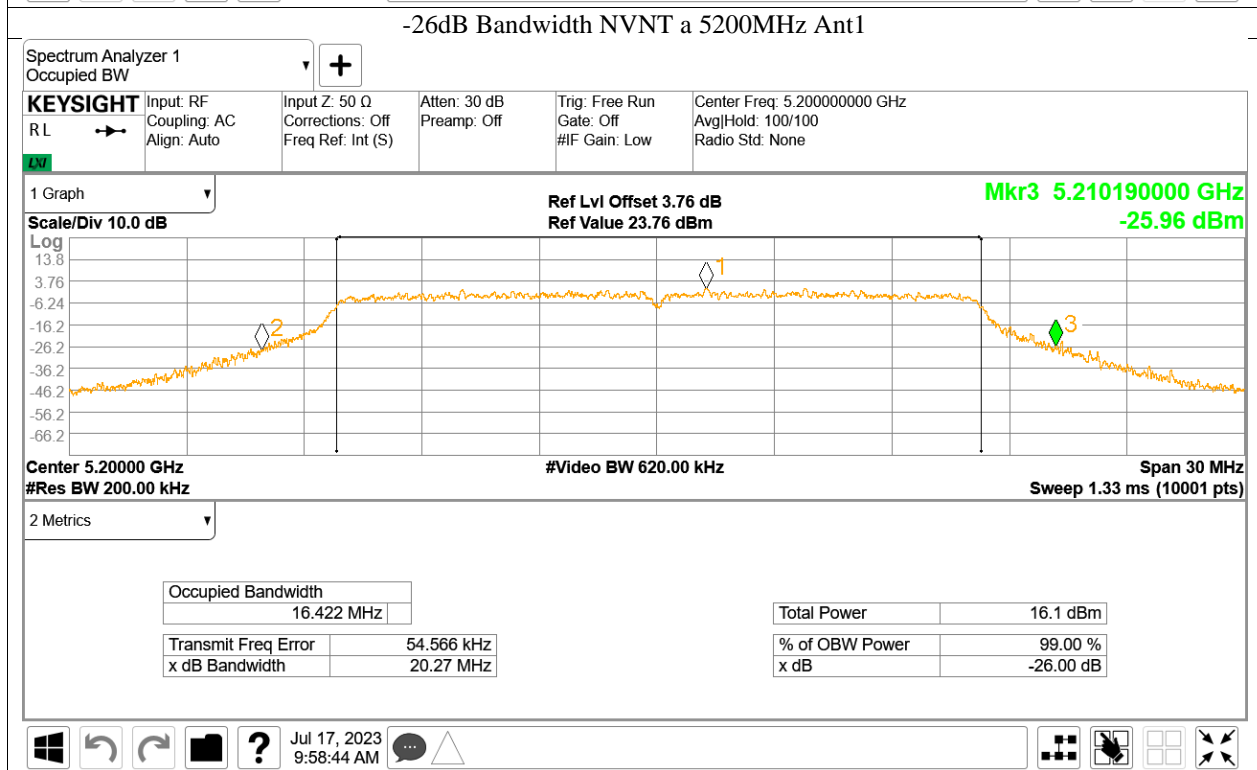
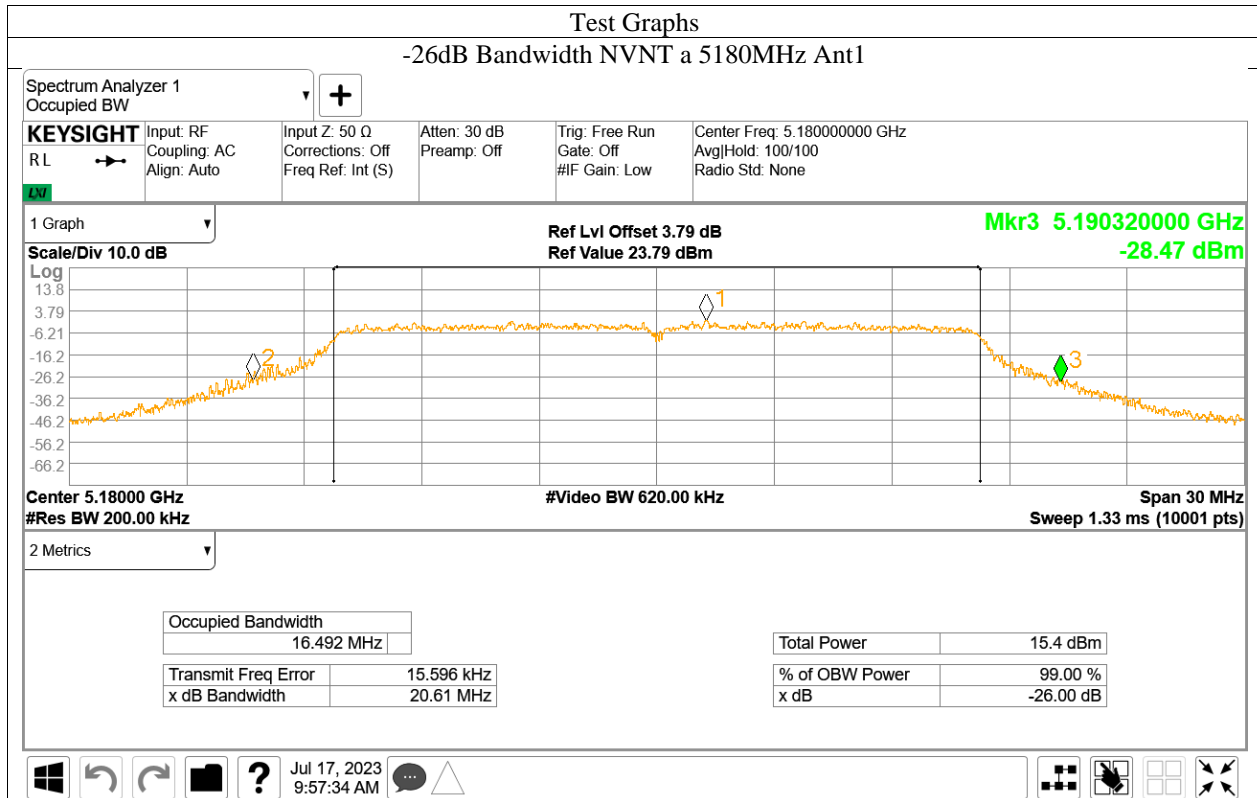


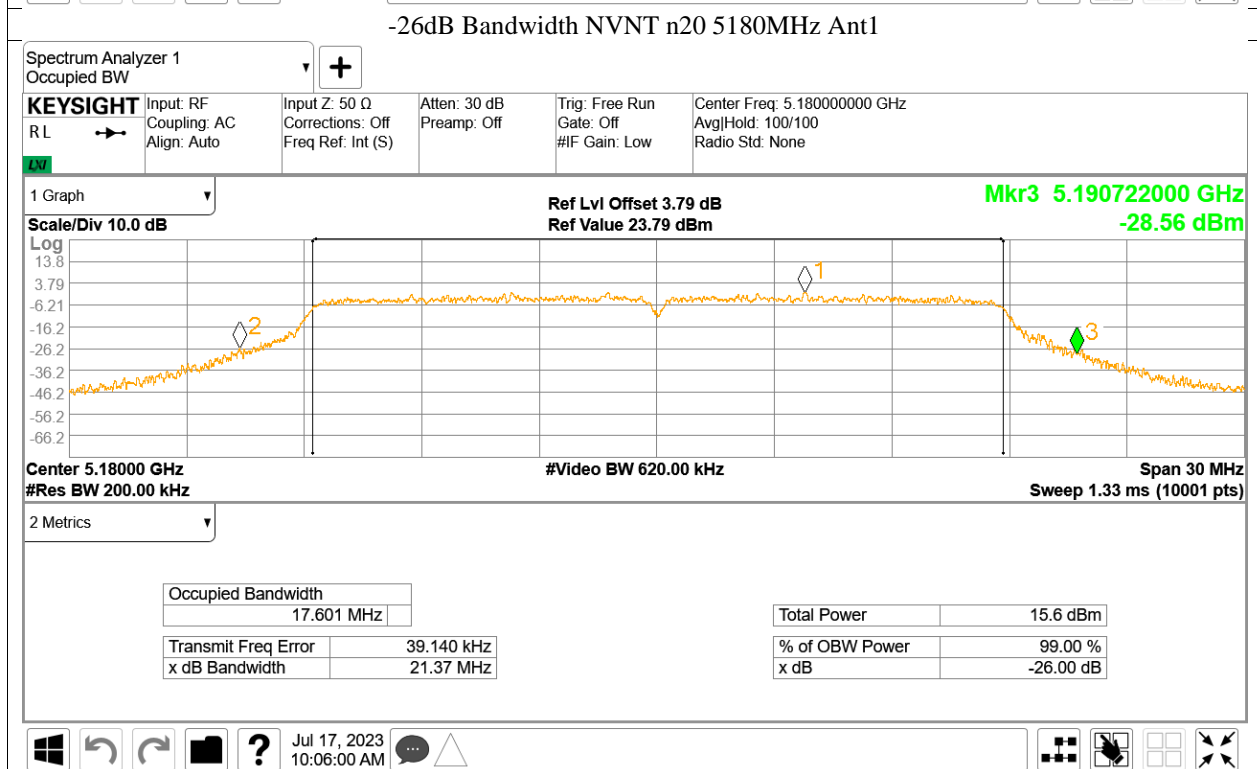
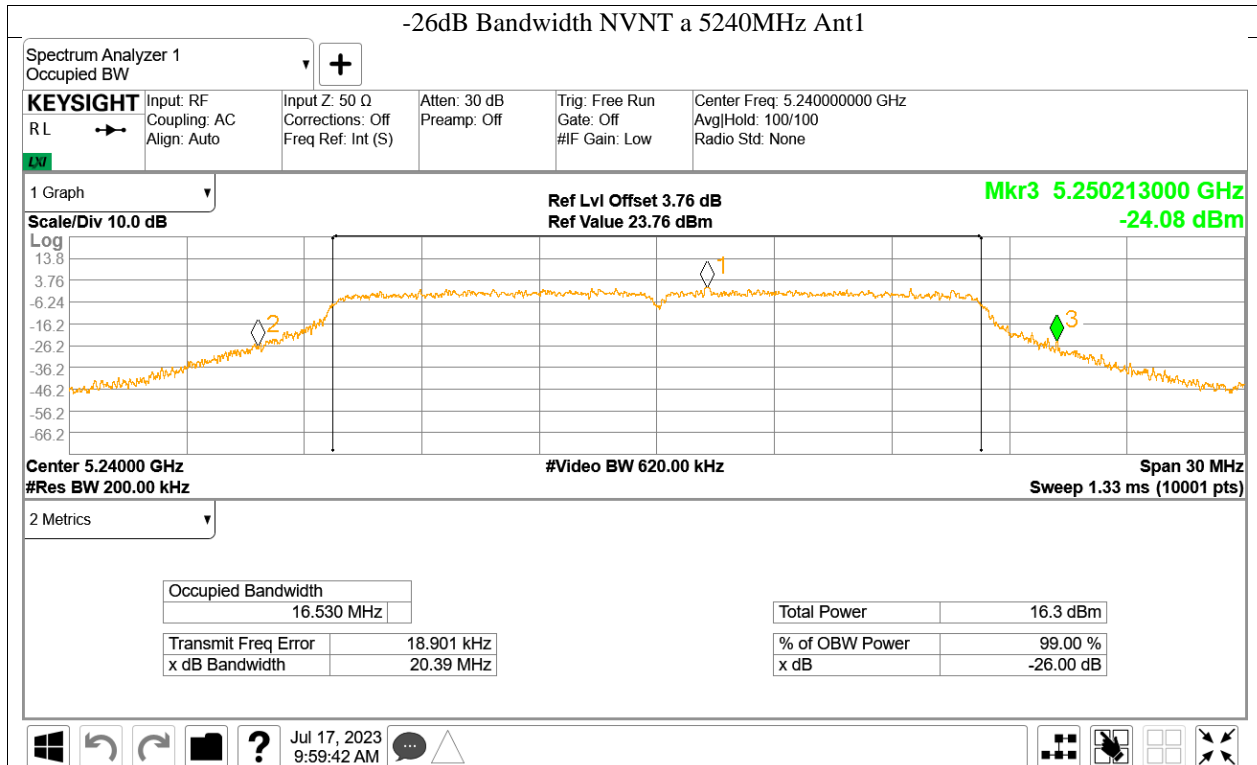


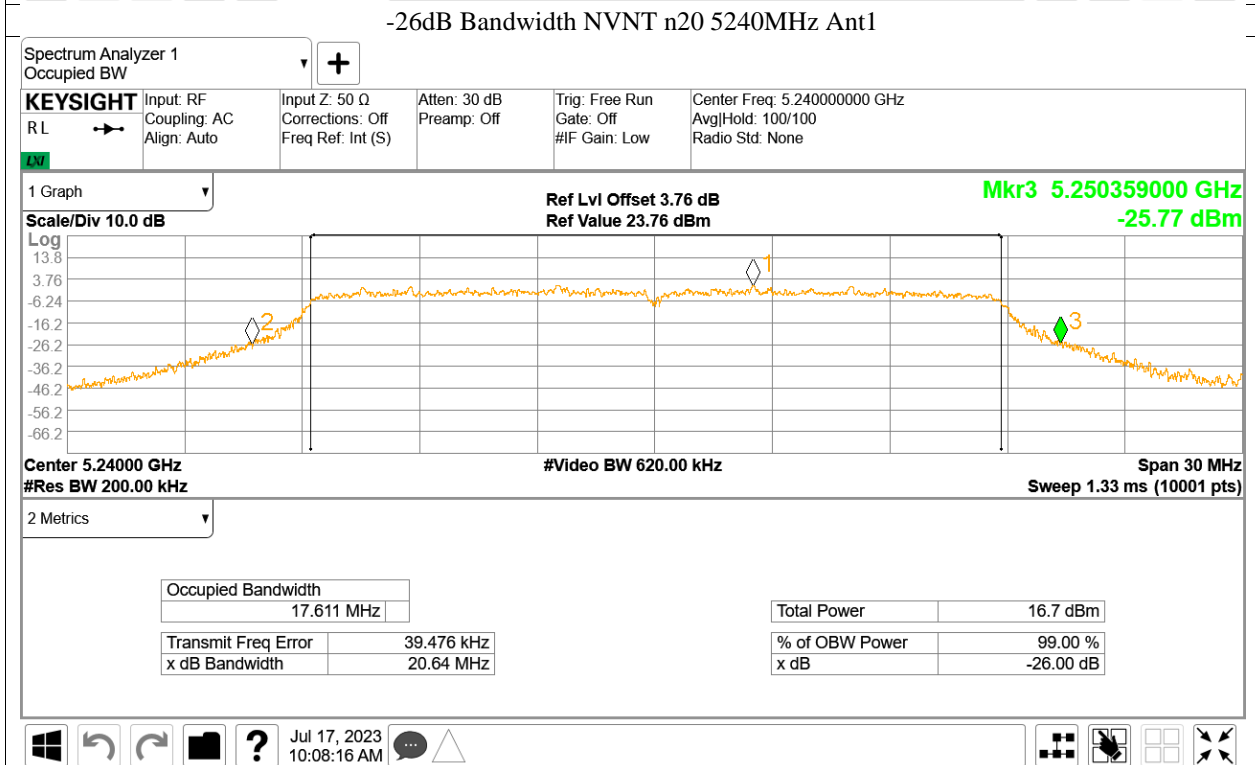
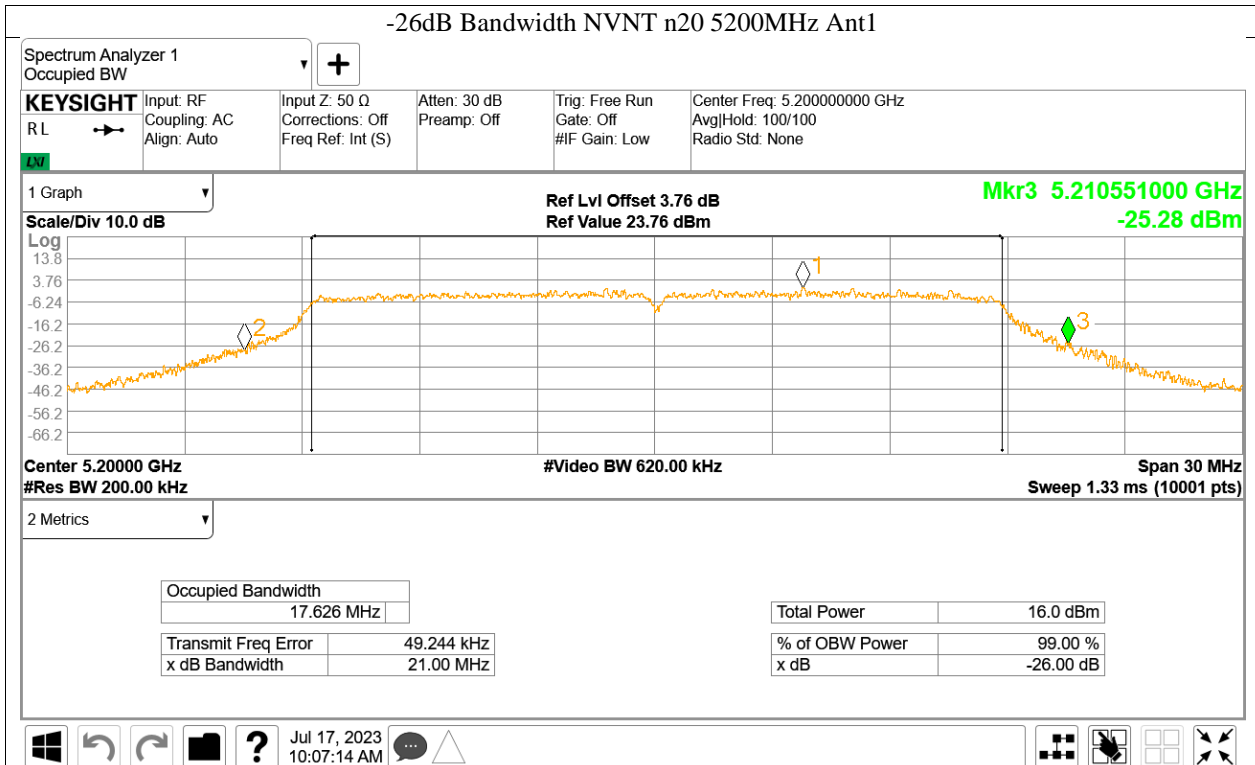


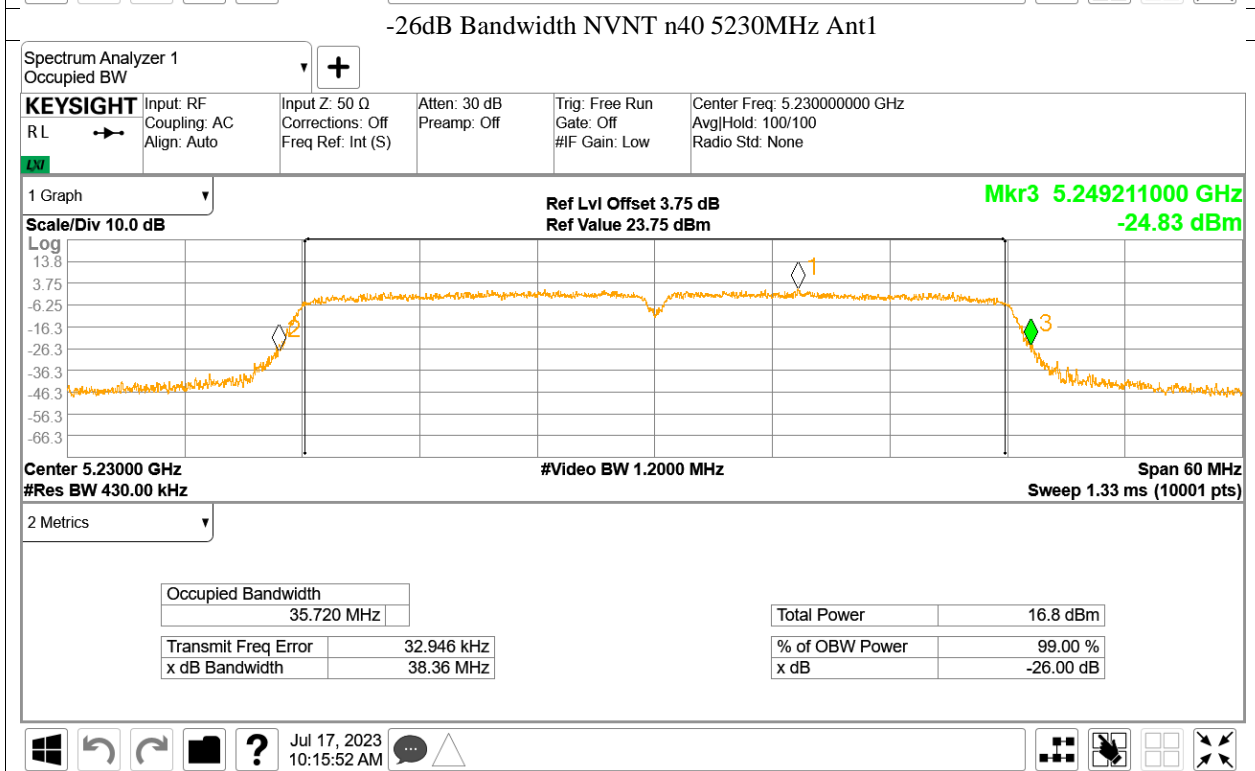
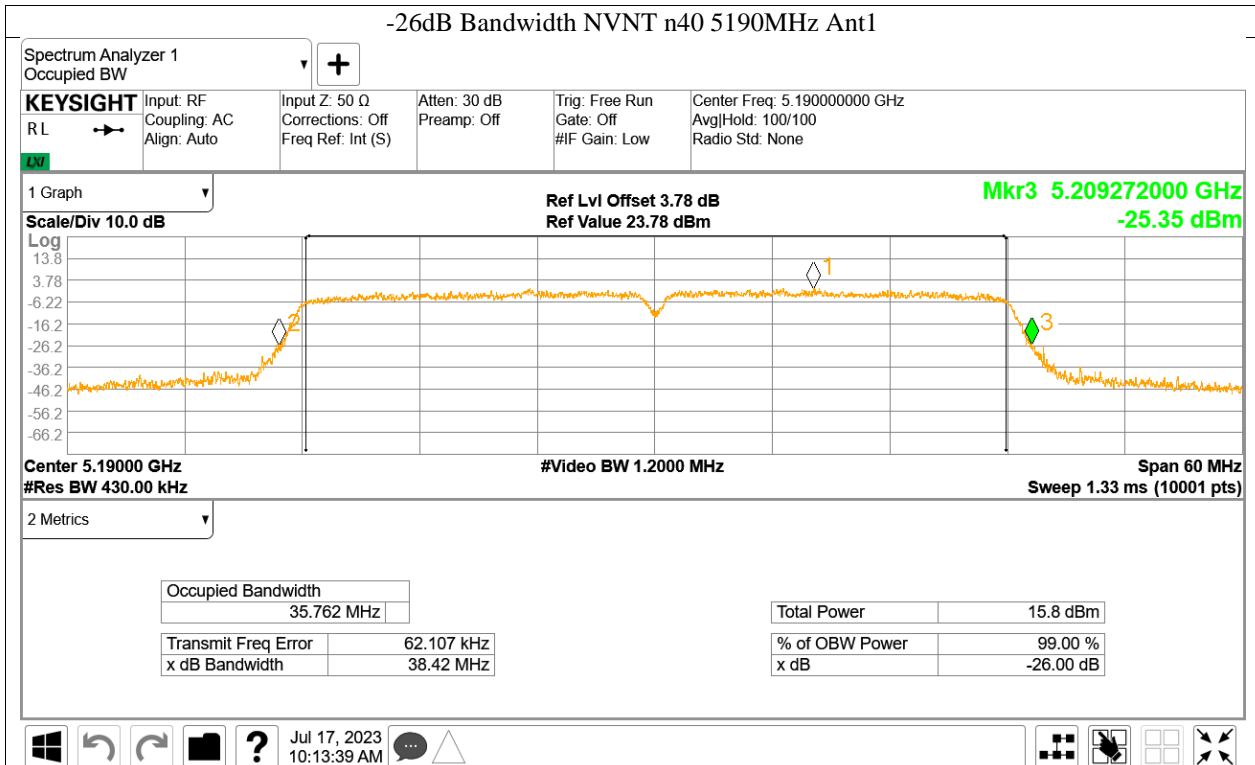
3 -26dB Bandwidth

Condition	Mode	Frequency (MHz)	Antenna	-26 dB Bandwidth (MHz)	Limit -26 dB Bandwidth (MHz)	Verdict
NVNT	a	5180	Ant1	20.608	0.5	Pass
NVNT	a	5200	Ant1	20.271	0.5	Pass
NVNT	a	5240	Ant1	20.388	0.5	Pass
NVNT	n20	5180	Ant1	21.366	0.5	Pass
NVNT	n20	5200	Ant1	21.004	0.5	Pass
NVNT	n20	5240	Ant1	20.638	0.5	Pass
NVNT	n40	5190	Ant1	38.421	0.5	Pass
NVNT	n40	5230	Ant1	38.356	0.5	Pass





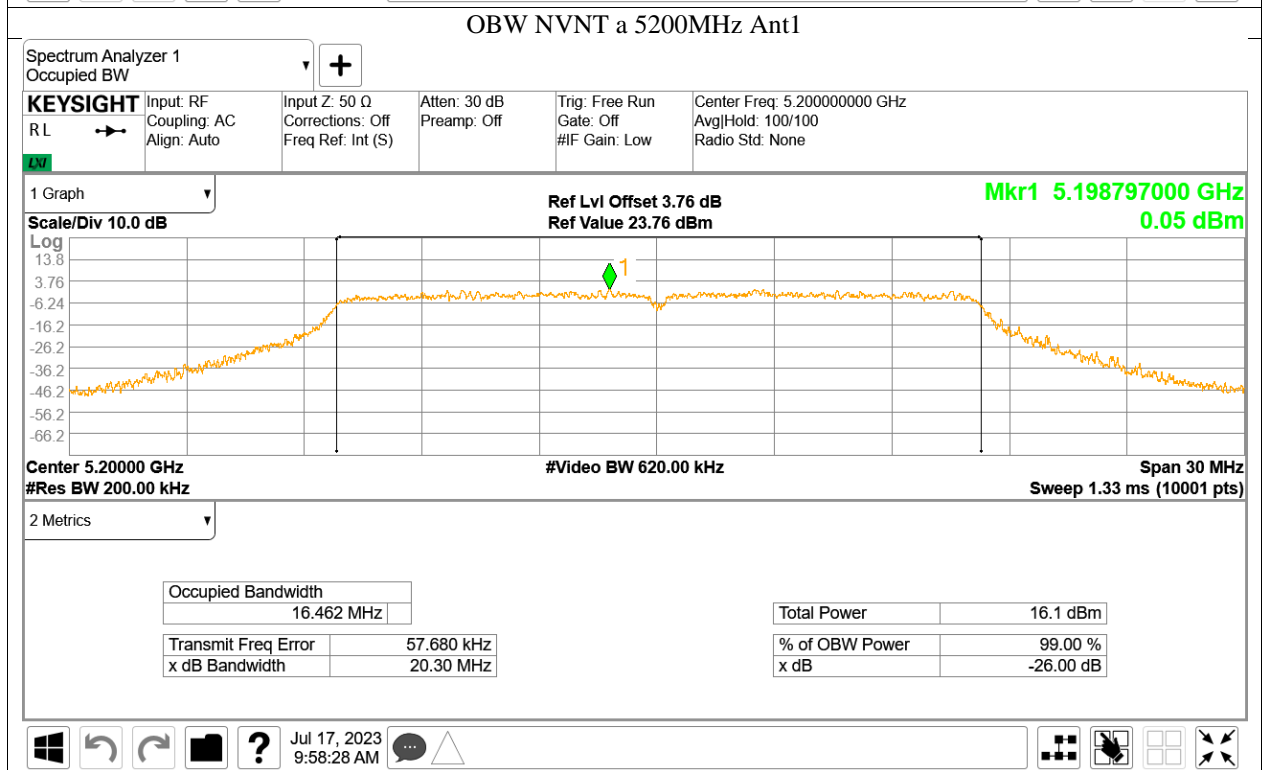
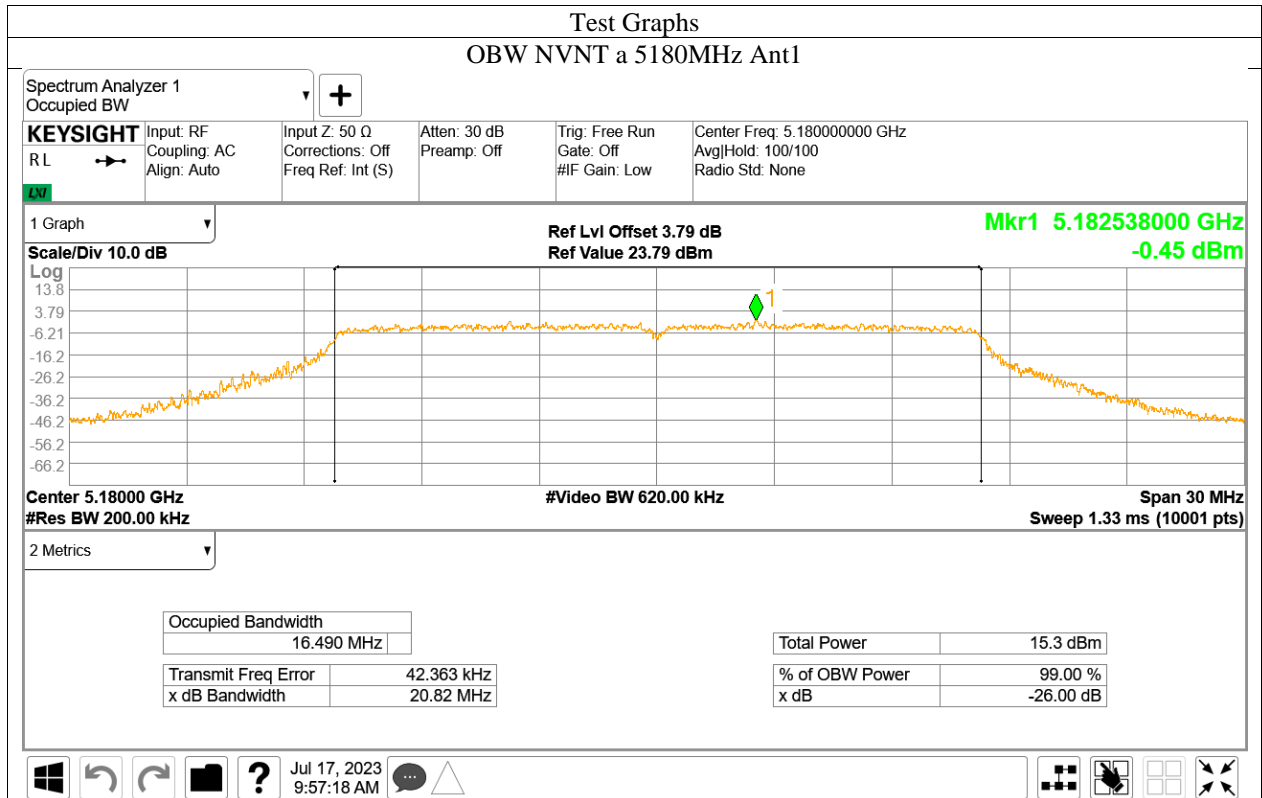


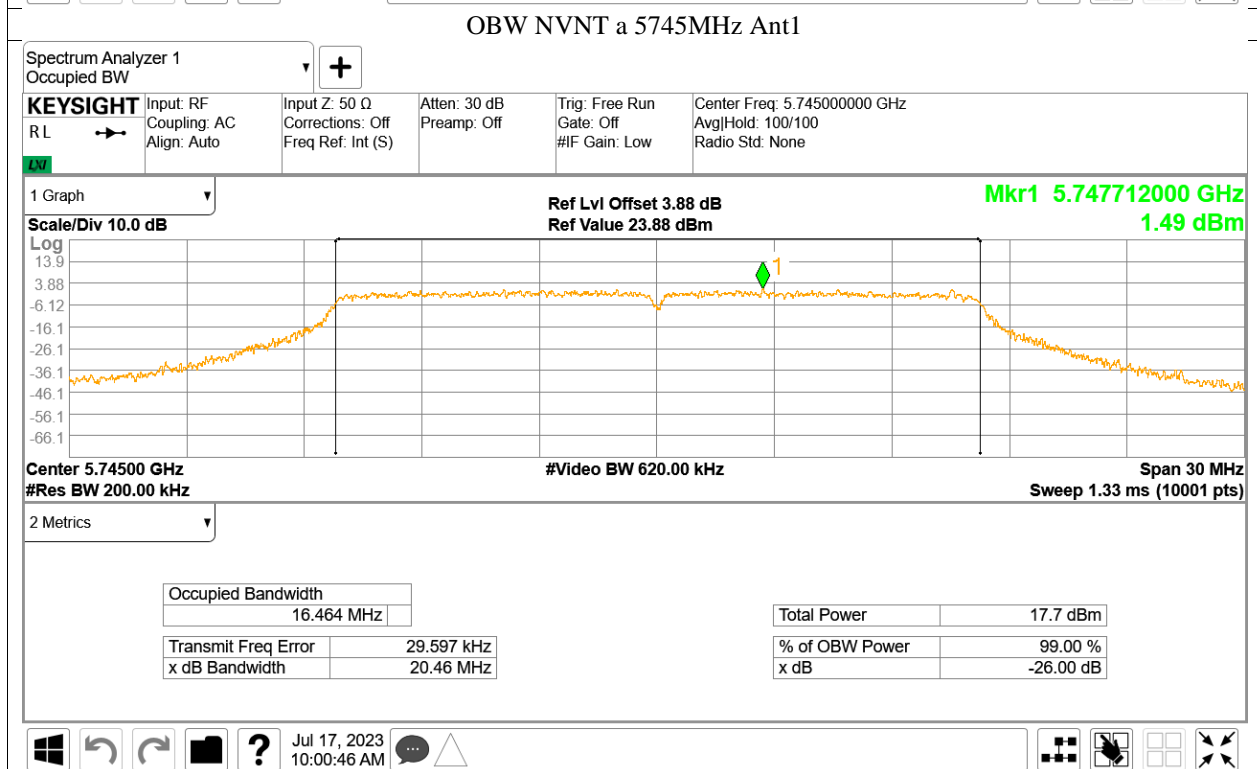
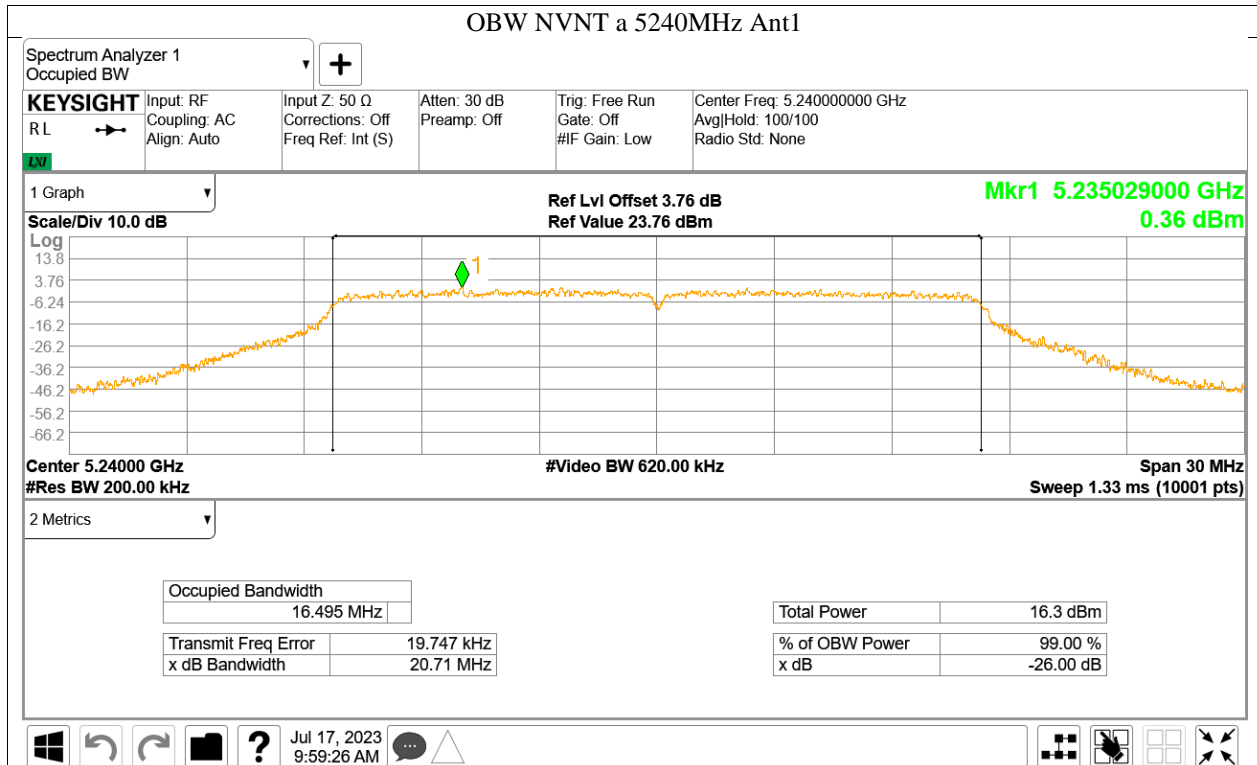


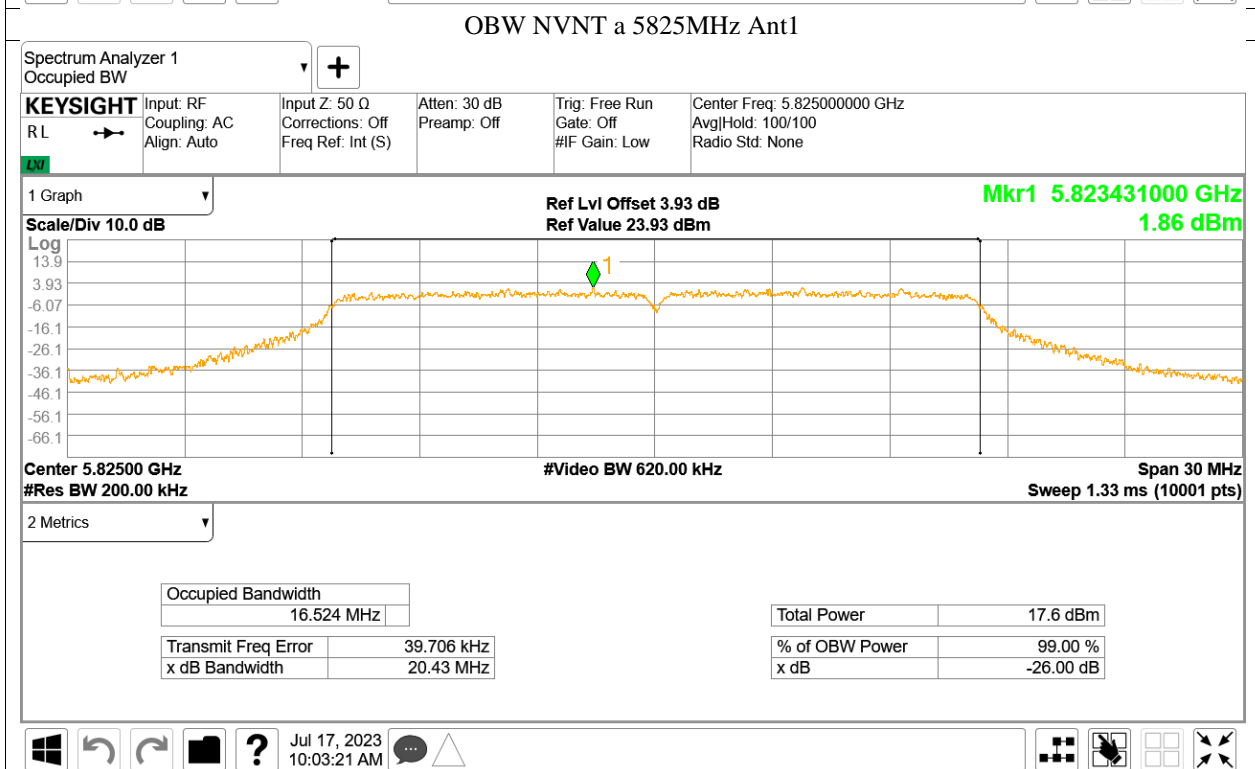
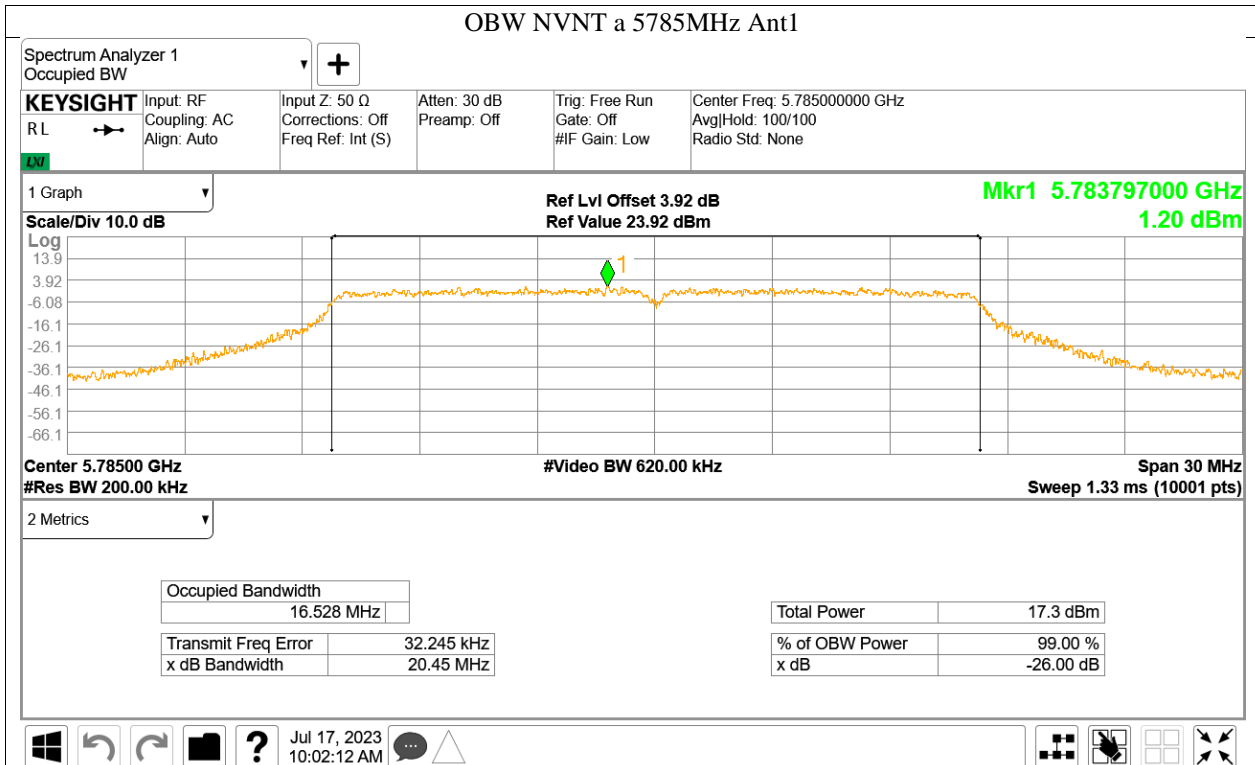


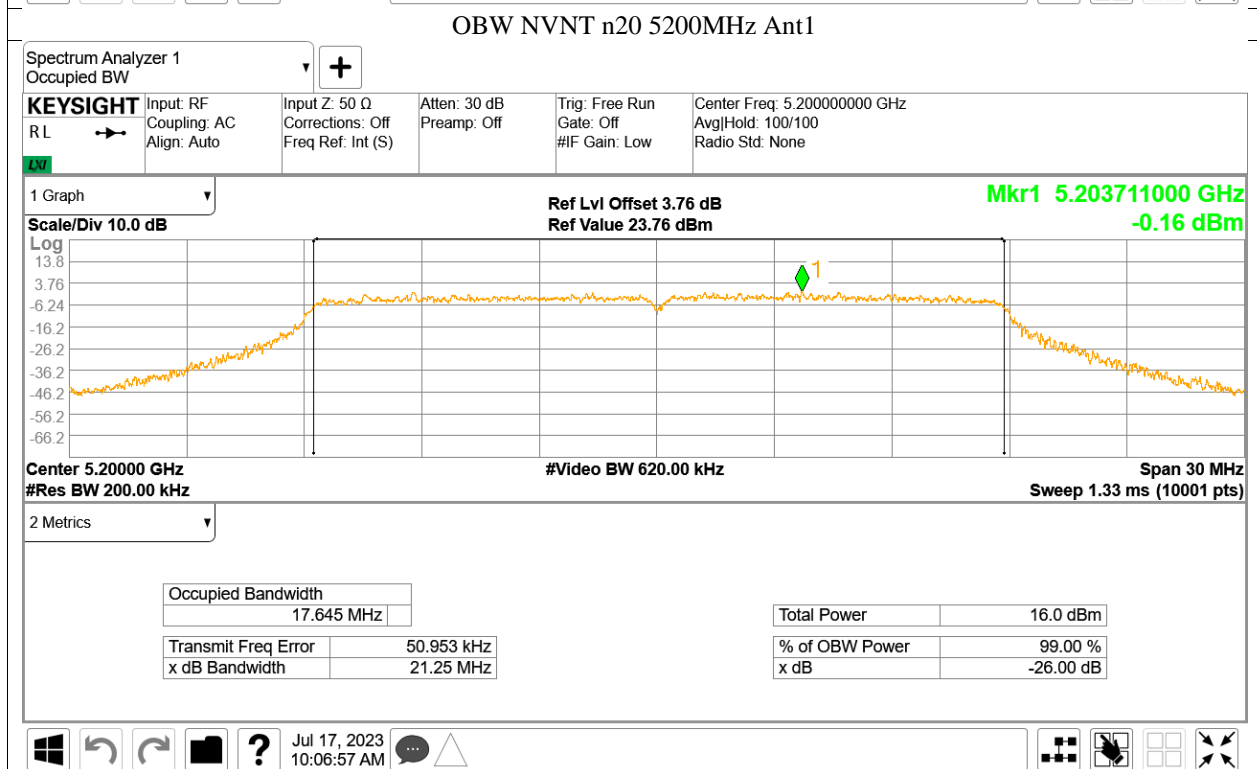
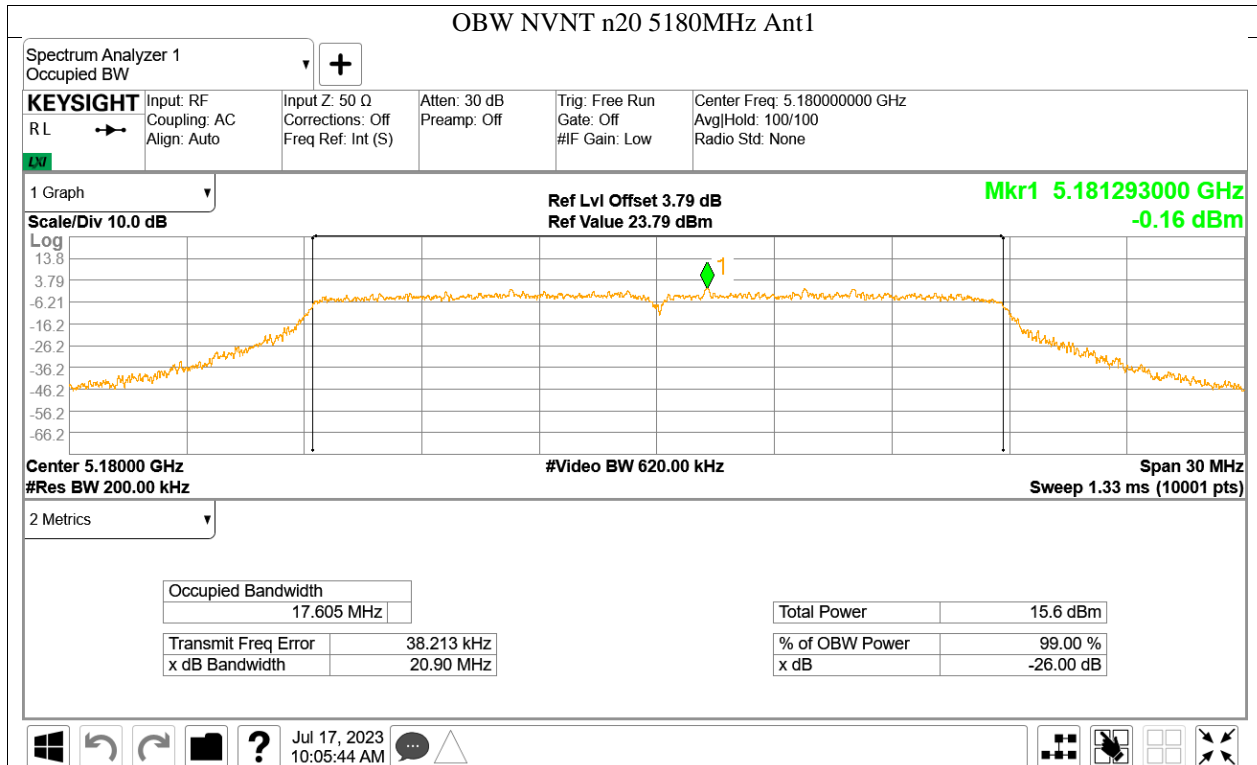
4 Occupied Channel Bandwidth

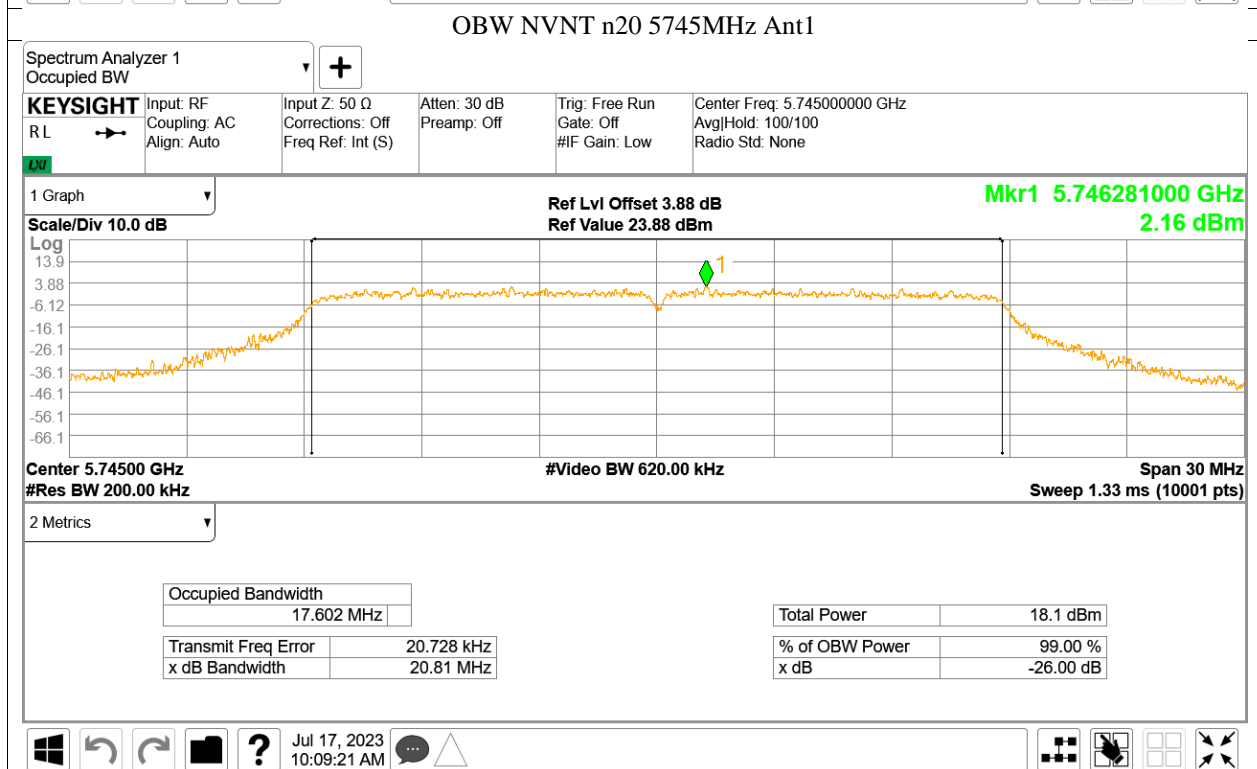
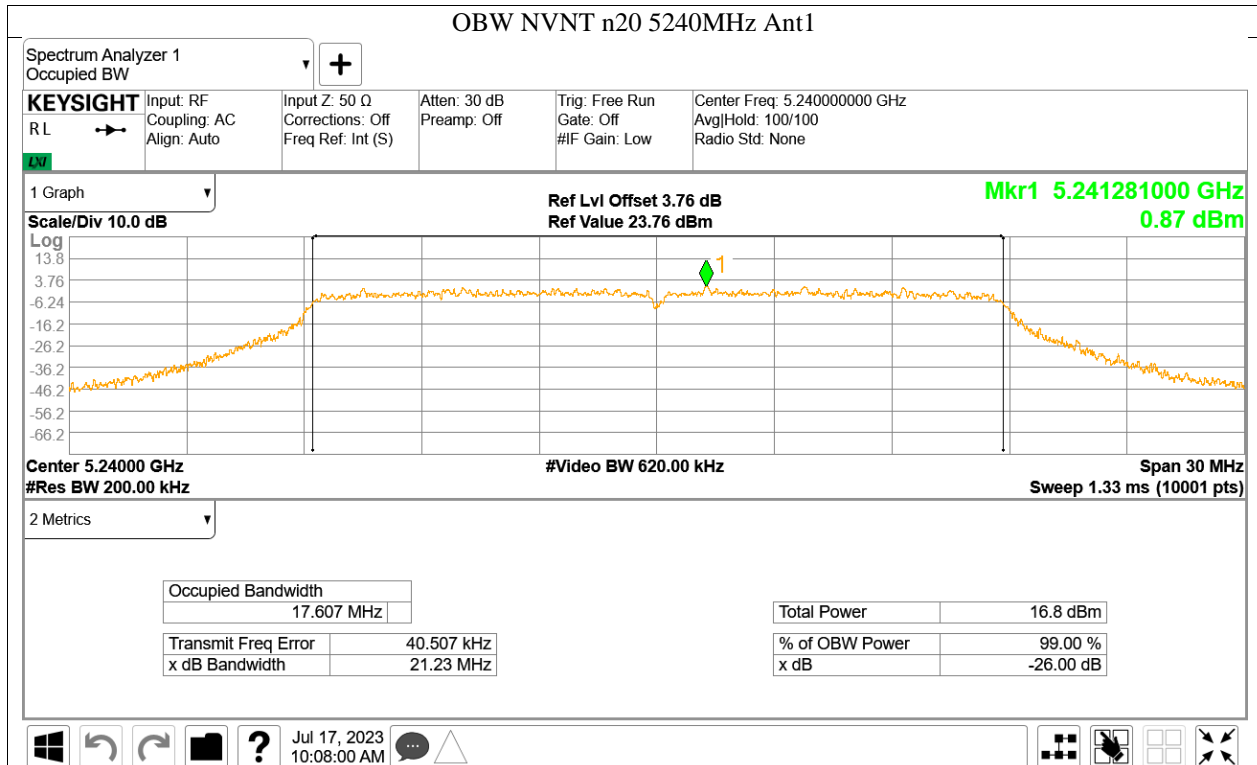
Condition	Mode	Frequency (MHz)	Antenna	99% OBW (MHz)
NVNT	a	5180	Ant1	16.49
NVNT	a	5200	Ant1	16.462
NVNT	a	5240	Ant1	16.495
NVNT	a	5745	Ant1	16.464
NVNT	a	5785	Ant1	16.528
NVNT	a	5825	Ant1	16.524
NVNT	n20	5180	Ant1	17.605
NVNT	n20	5200	Ant1	17.645
NVNT	n20	5240	Ant1	17.607
NVNT	n20	5745	Ant1	17.602
NVNT	n20	5785	Ant1	17.624
NVNT	n20	5825	Ant1	17.615
NVNT	n40	5190	Ant1	35.749
NVNT	n40	5230	Ant1	35.701
NVNT	n40	5755	Ant1	35.817
NVNT	n40	5795	Ant1	35.774

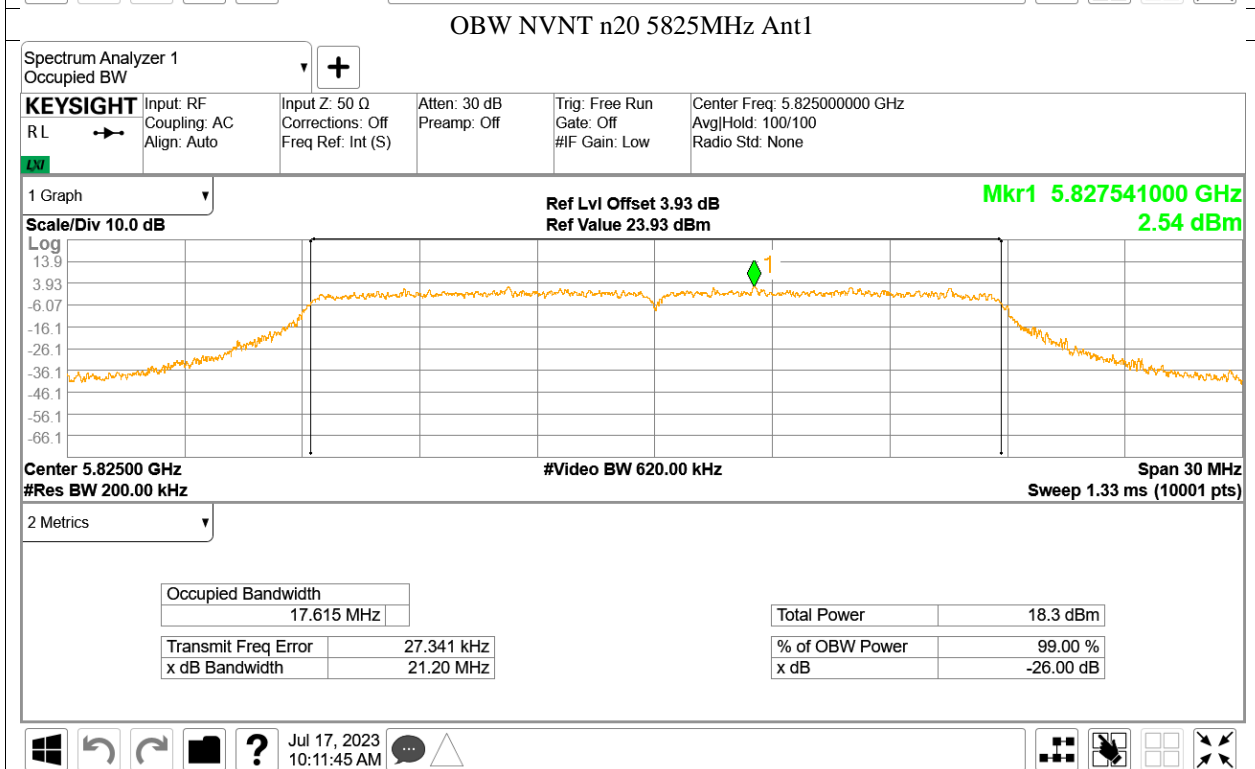
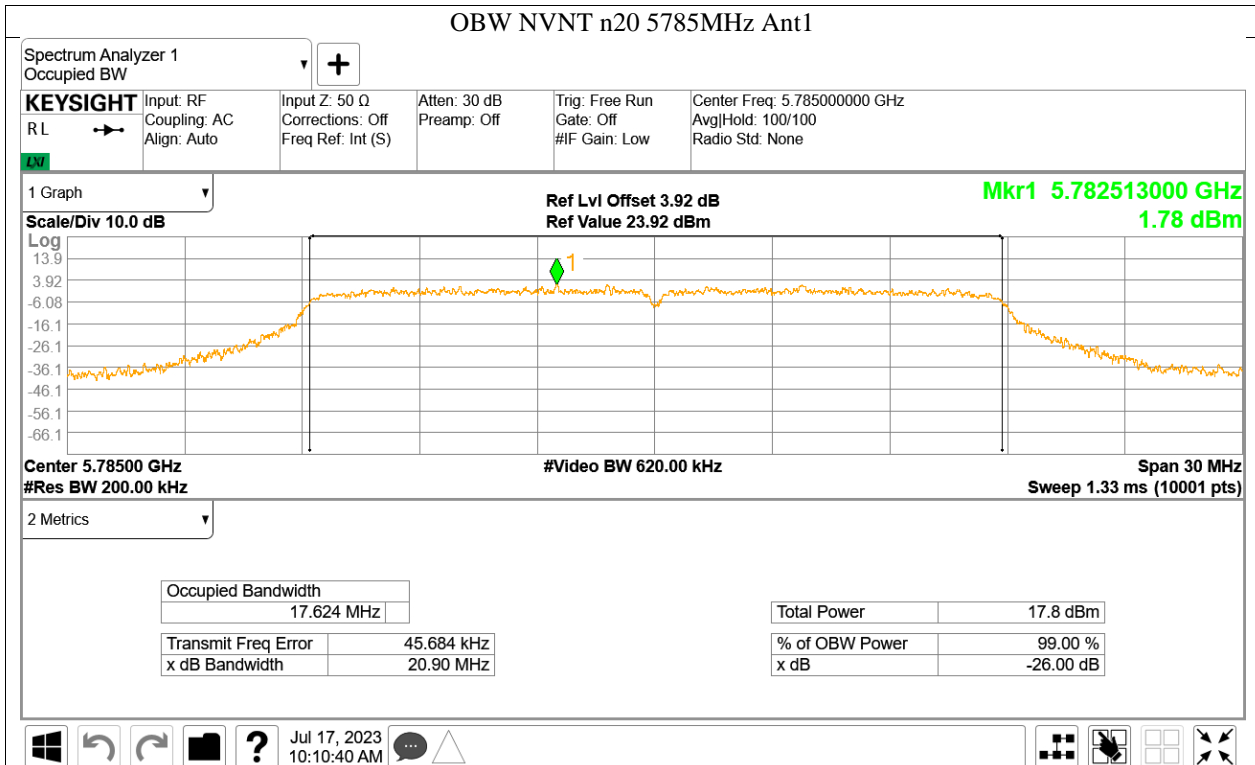


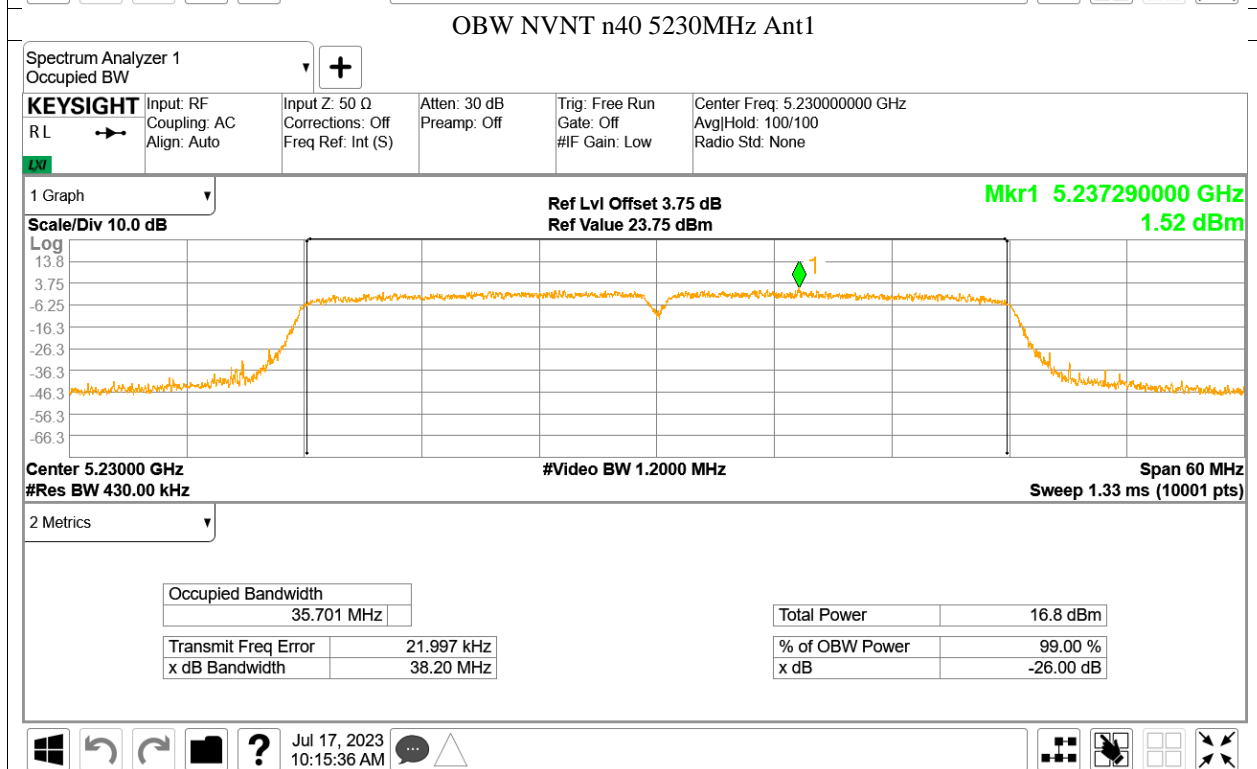
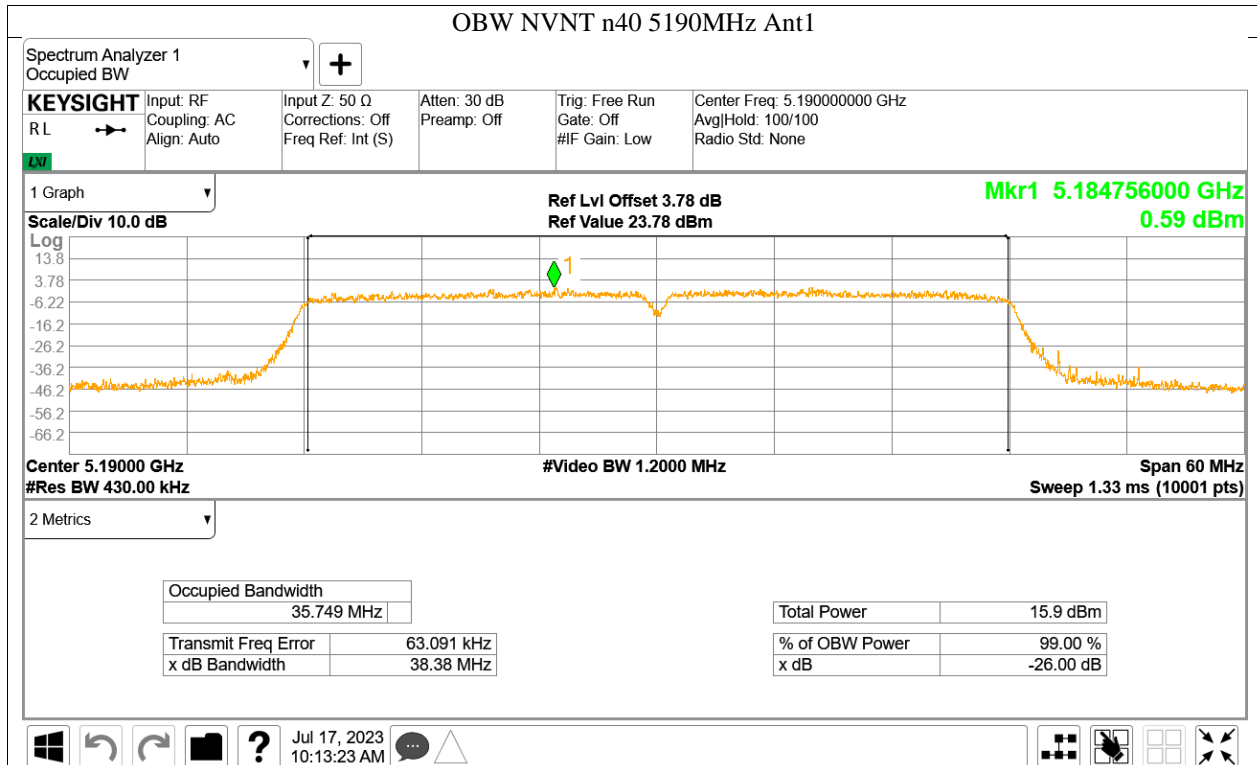


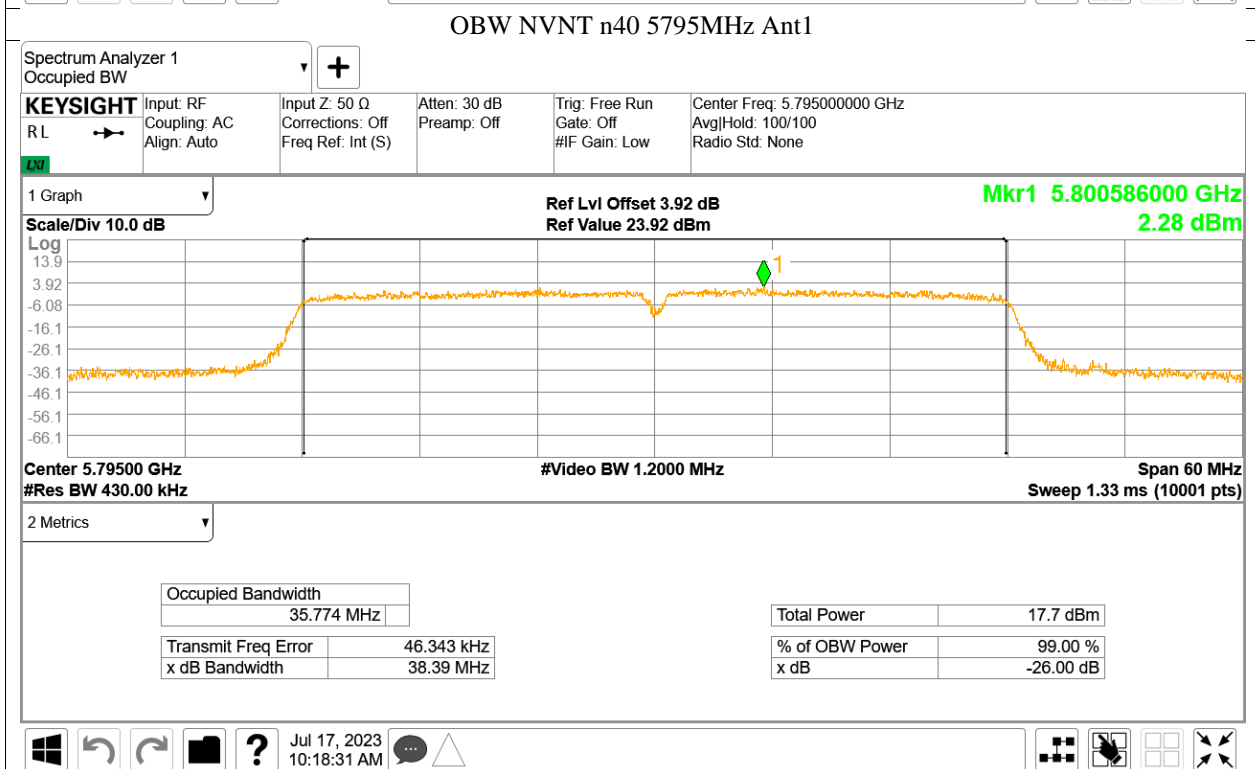
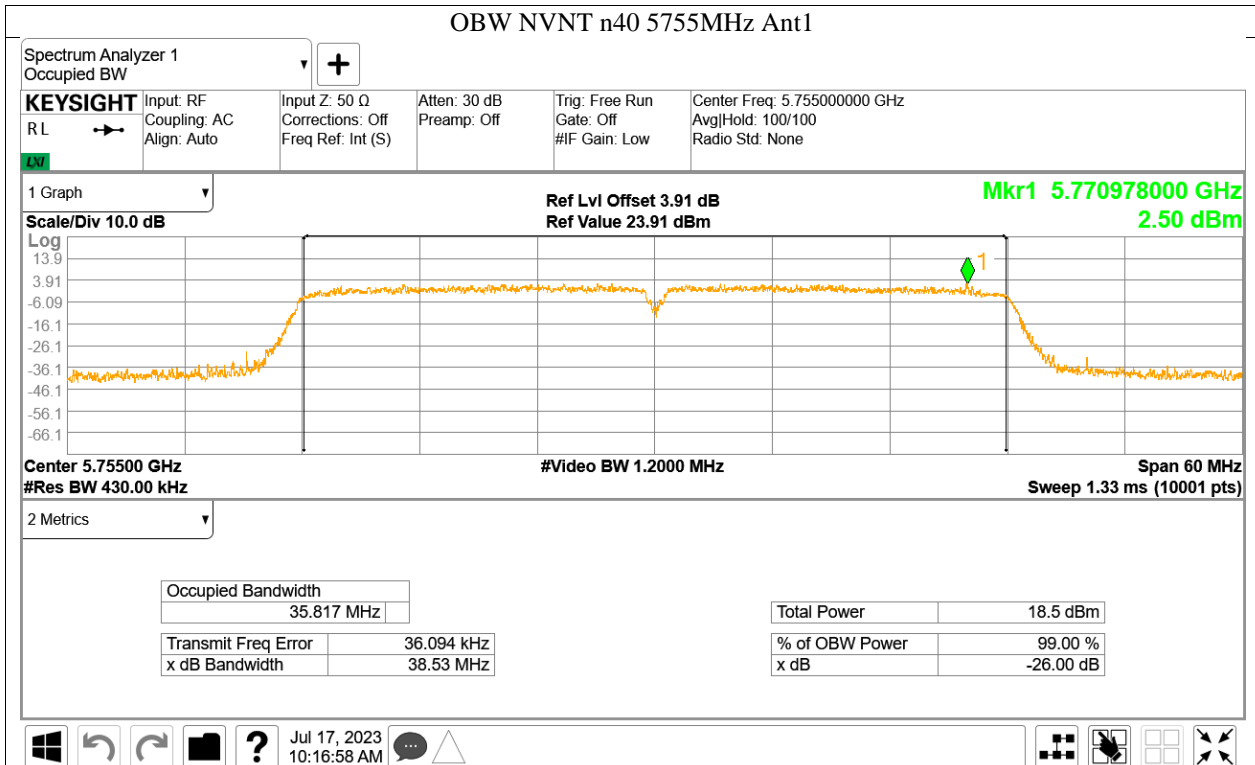








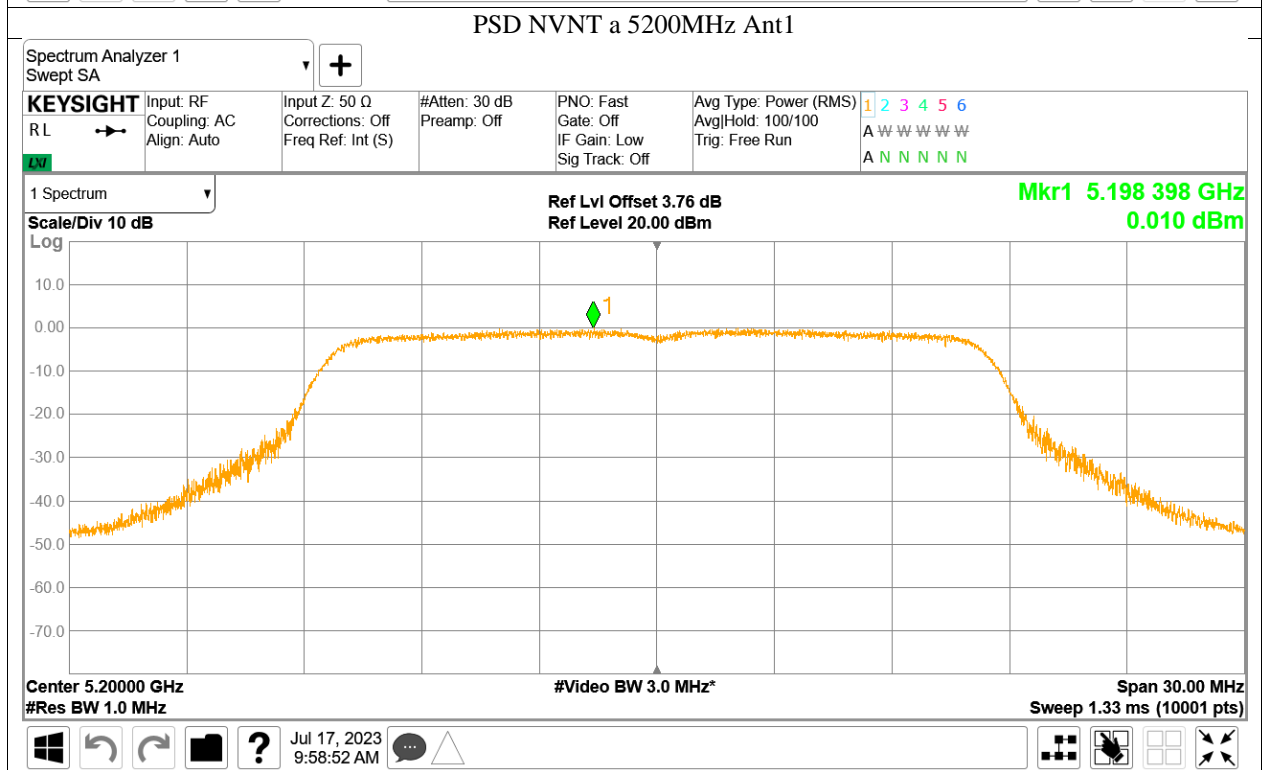
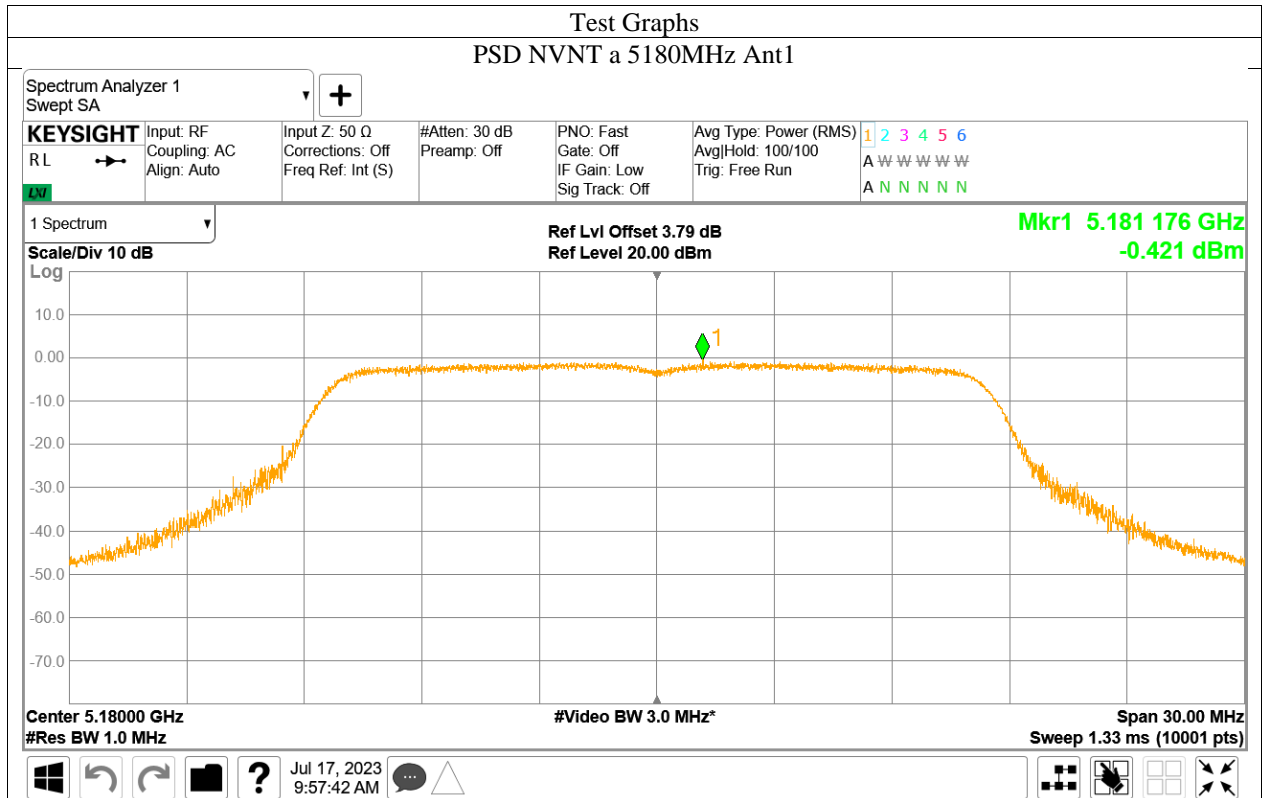


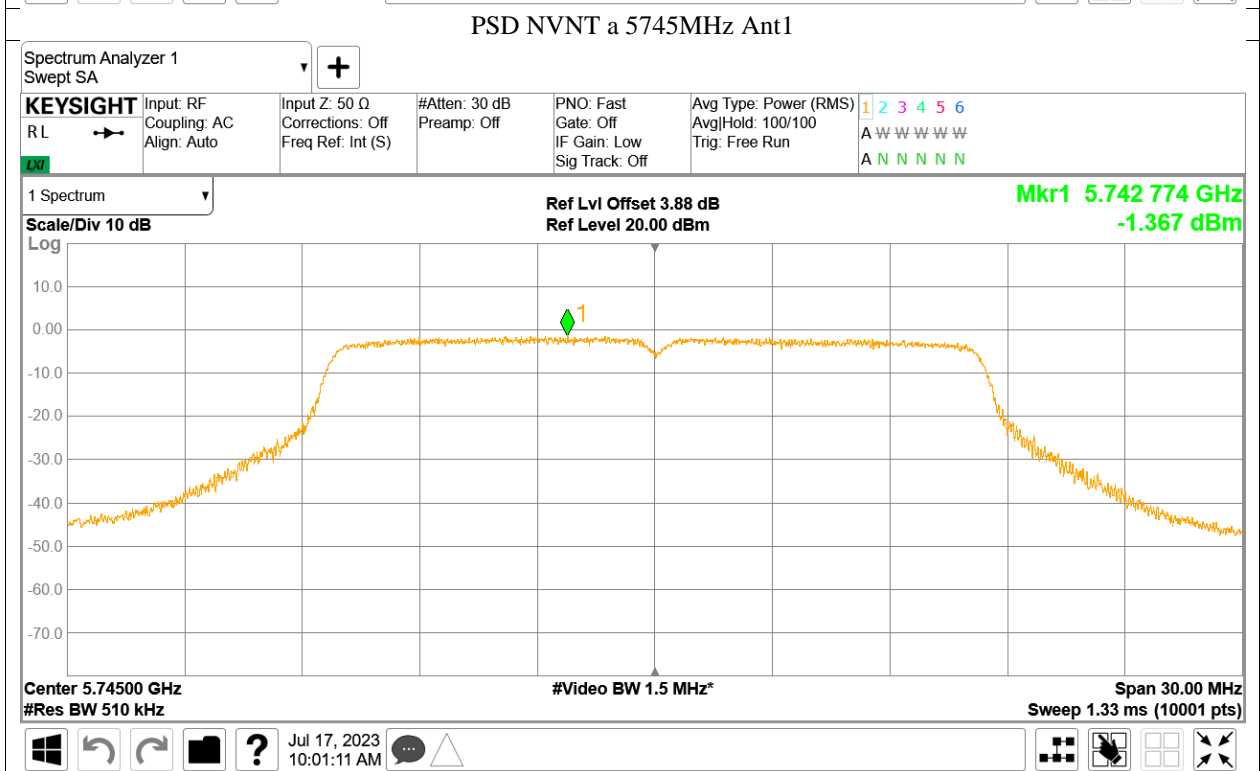
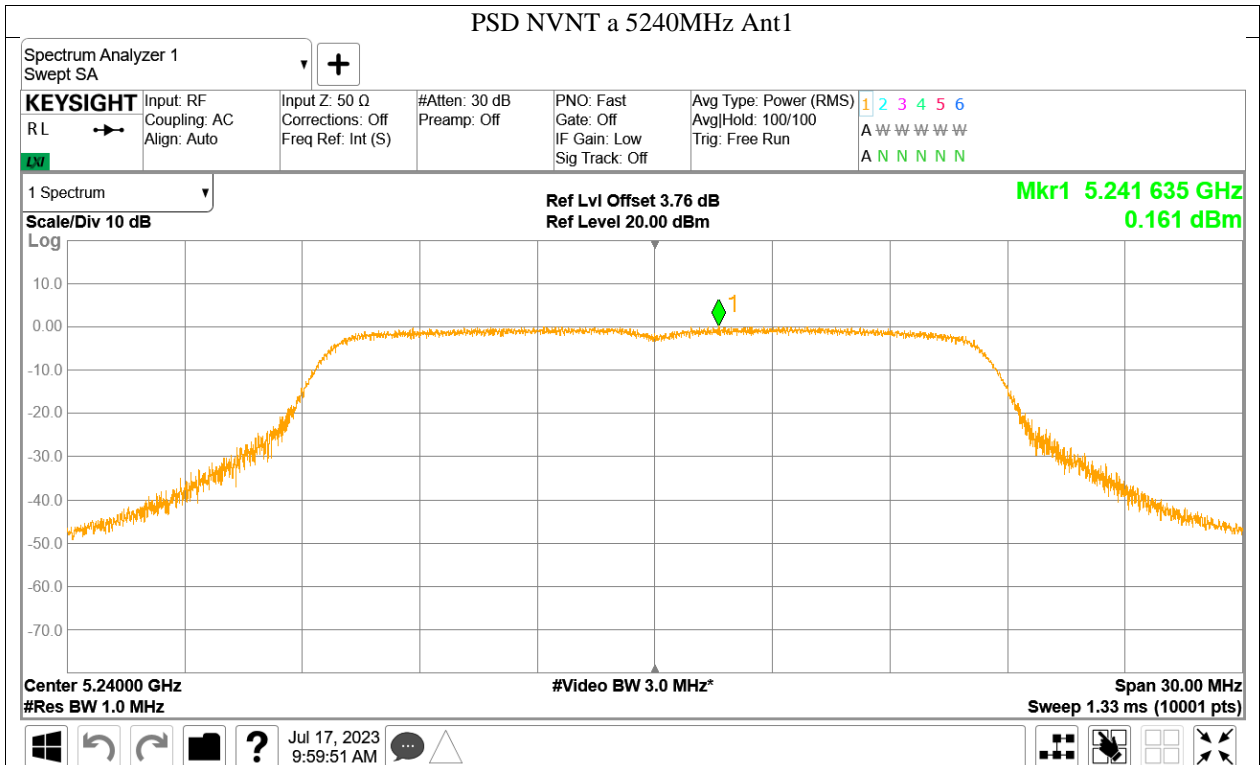


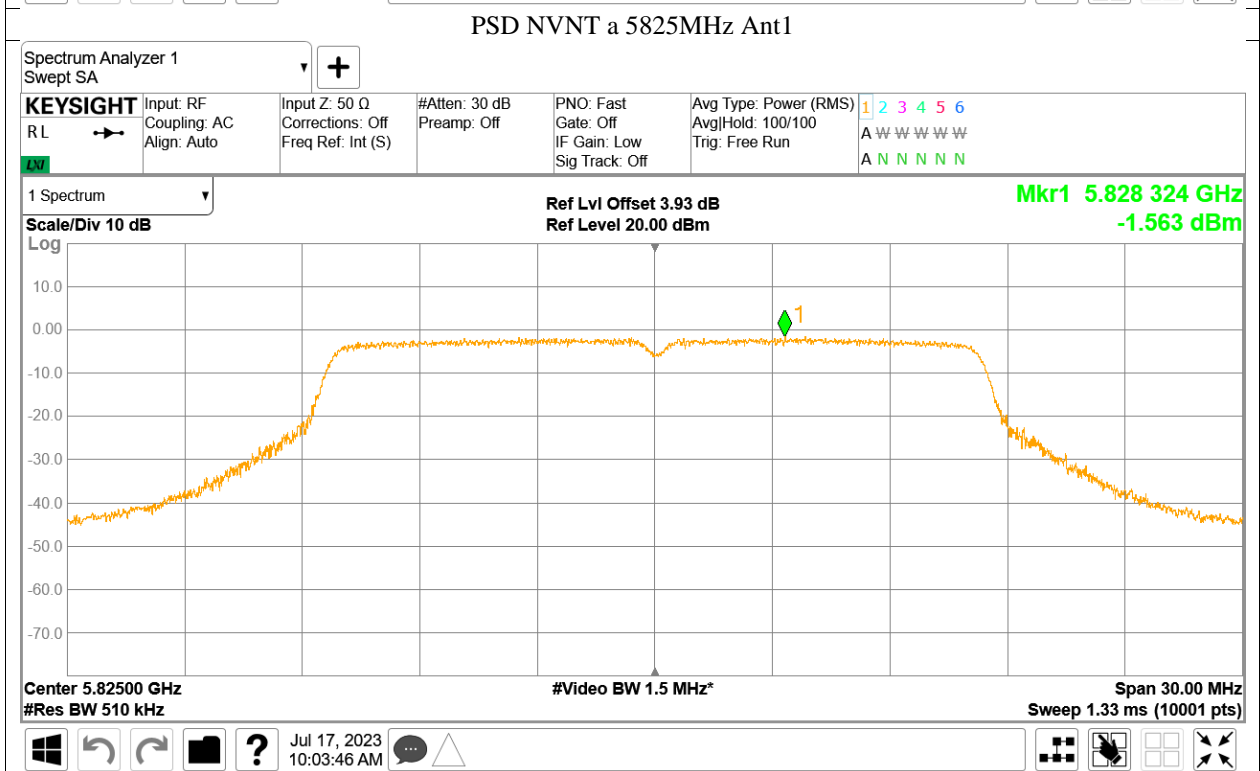
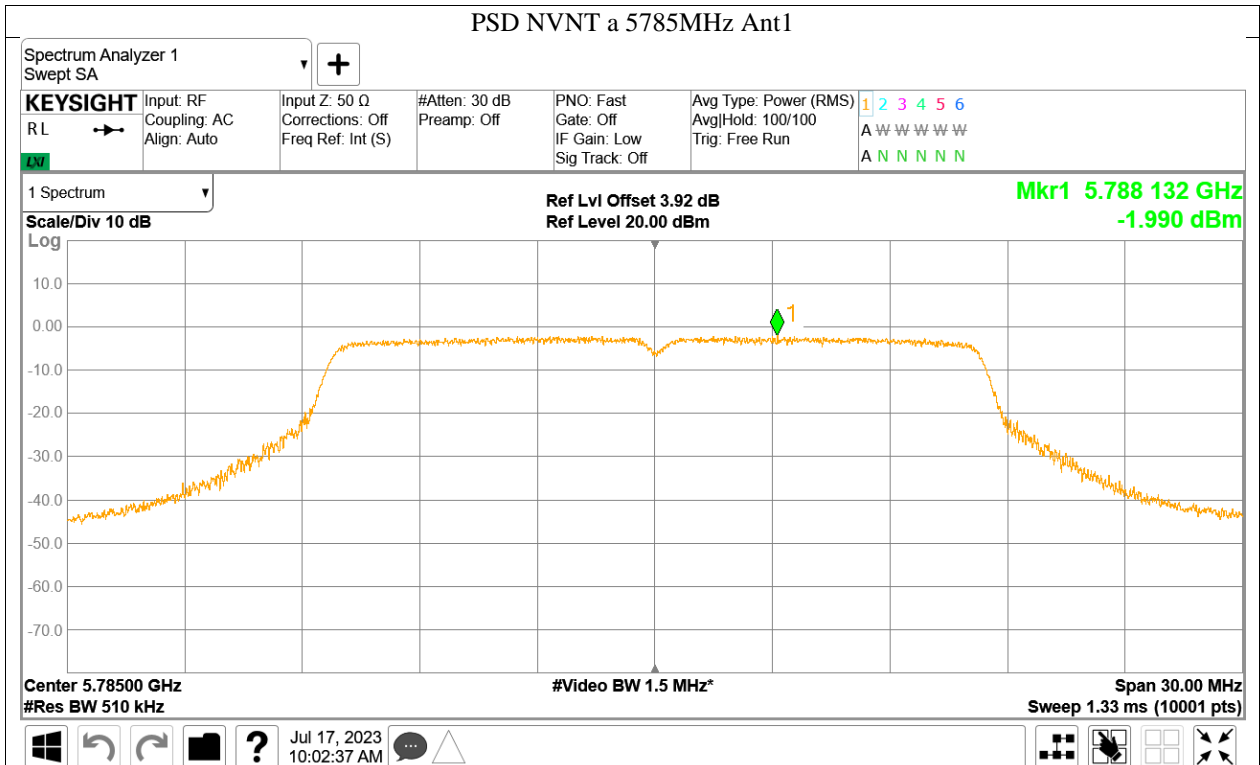


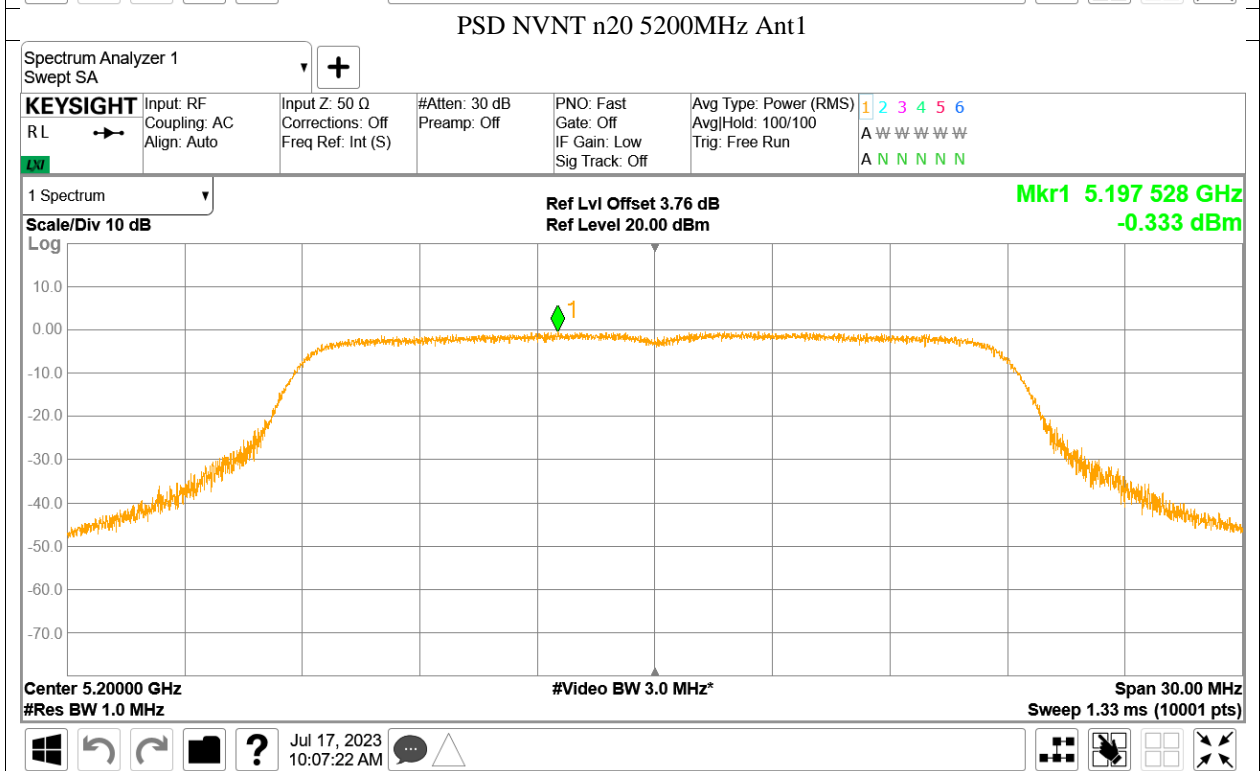
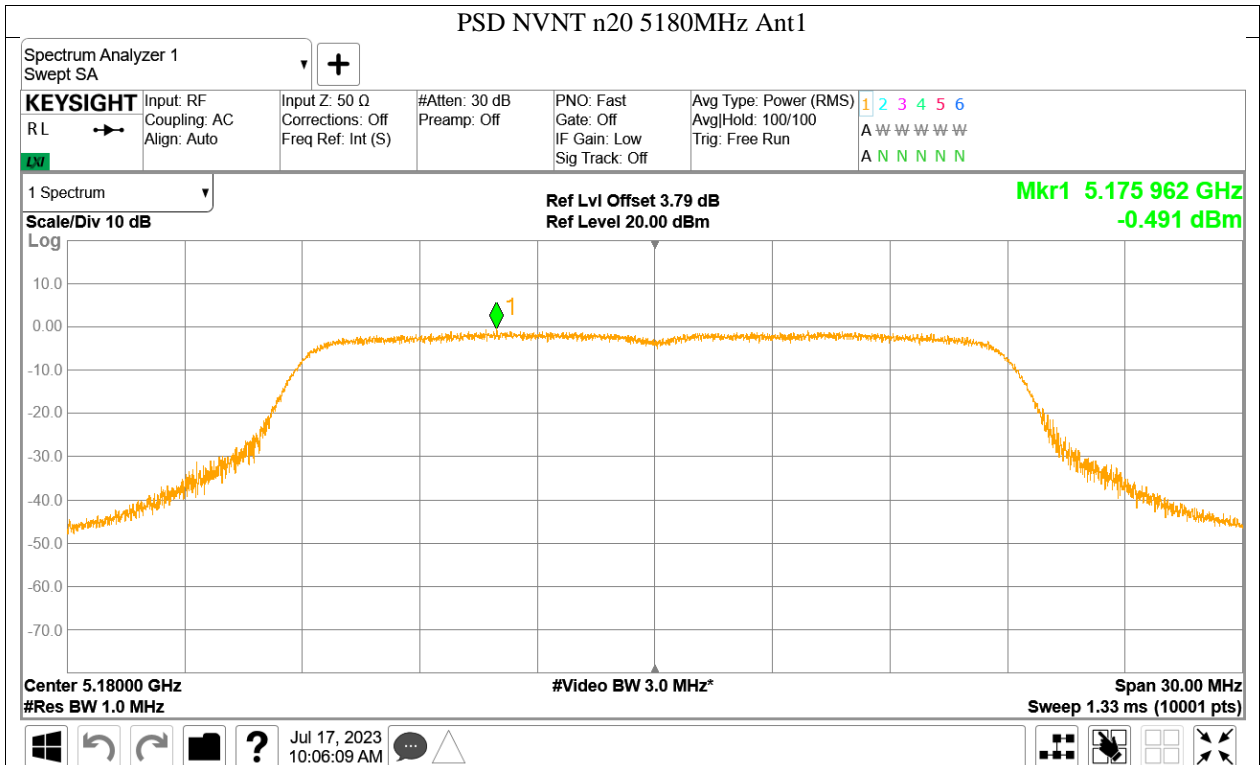
5 Maximum Power Spectral Density Level

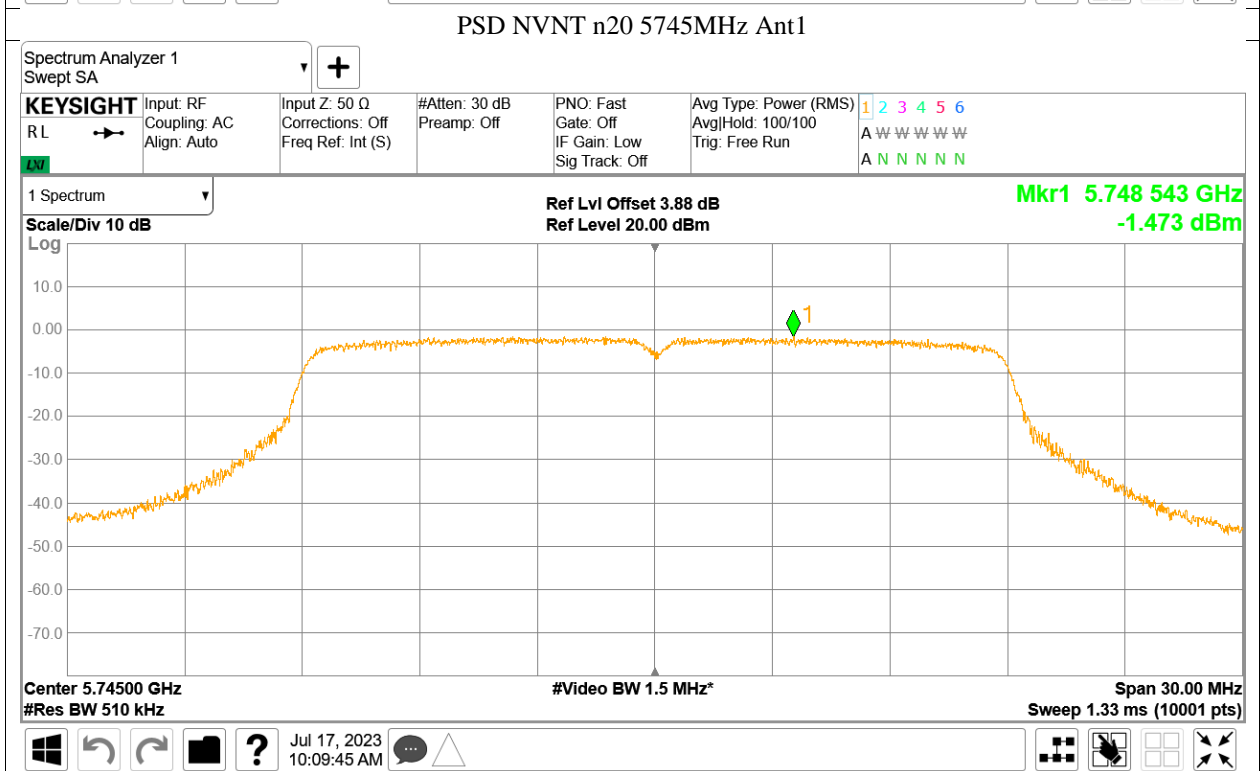
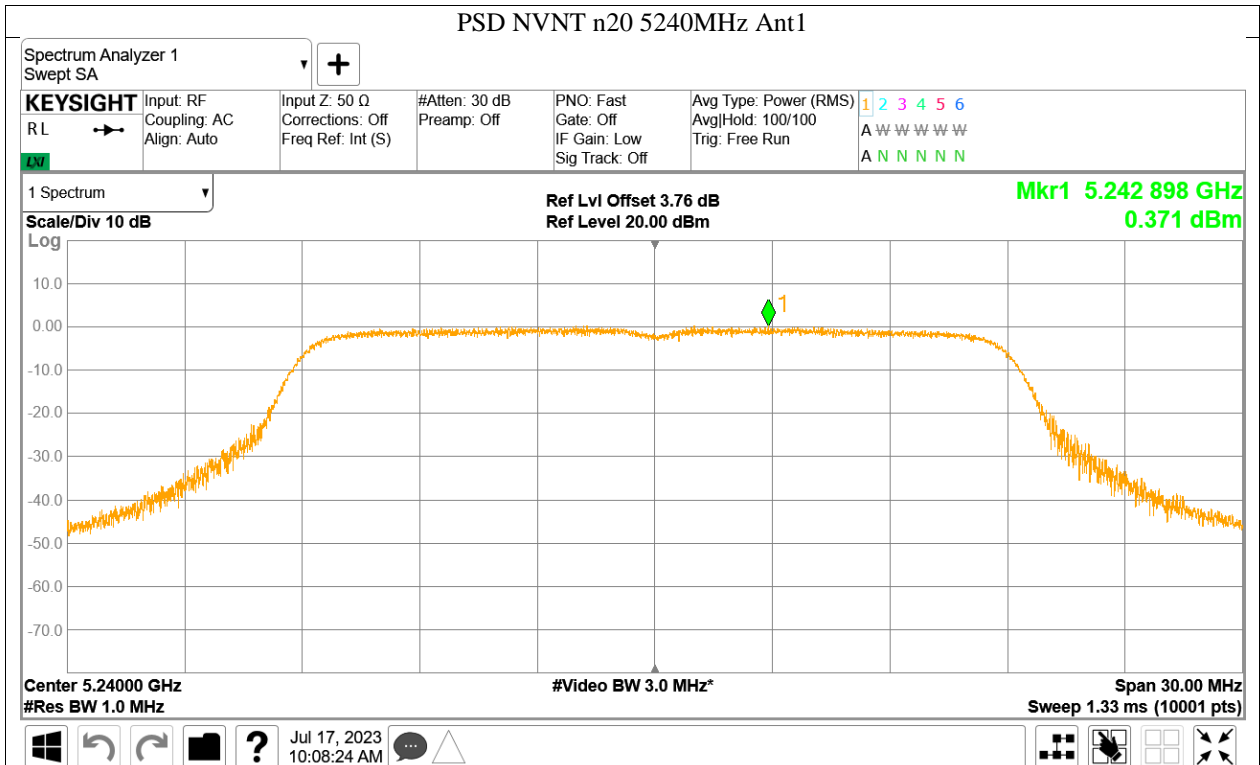
Condition	Mode	Frequency (MHz)	Antenna	Conducted PSD (dBm/MHz)	Duty Factor (dB)	Total PSD (dBm/MHz)	Limit (dBm/MHz)	Verdict
NVNT	a	5180	Ant1	-0.42	0.26	-0.16	11	Pass
NVNT	a	5200	Ant1	0.01	0.26	0.27	11	Pass
NVNT	a	5240	Ant1	0.16	0.26	0.42	11	Pass
NVNT	a	5745	Ant1	-1.37	0.26	-1.11	30	Pass
NVNT	a	5785	Ant1	-1.99	0.26	-1.73	30	Pass
NVNT	a	5825	Ant1	-1.56	0.27	-1.29	30	Pass
NVNT	n20	5180	Ant1	-0.49	0.28	-0.21	11	Pass
NVNT	n20	5200	Ant1	-0.33	0.28	-0.05	11	Pass
NVNT	n20	5240	Ant1	0.37	0.28	0.65	11	Pass
NVNT	n20	5745	Ant1	-1.47	0.28	-1.19	30	Pass
NVNT	n20	5785	Ant1	-1.63	0.28	-1.35	30	Pass
NVNT	n20	5825	Ant1	-1.3	0.28	-1.02	30	Pass
NVNT	n40	5190	Ant1	-3.54	0.56	-2.98	11	Pass
NVNT	n40	5230	Ant1	-2.58	0.56	-2.02	11	Pass
NVNT	n40	5755	Ant1	-4.34	0.55	-3.79	30	Pass
NVNT	n40	5795	Ant1	-4.65	0.55	-4.1	30	Pass

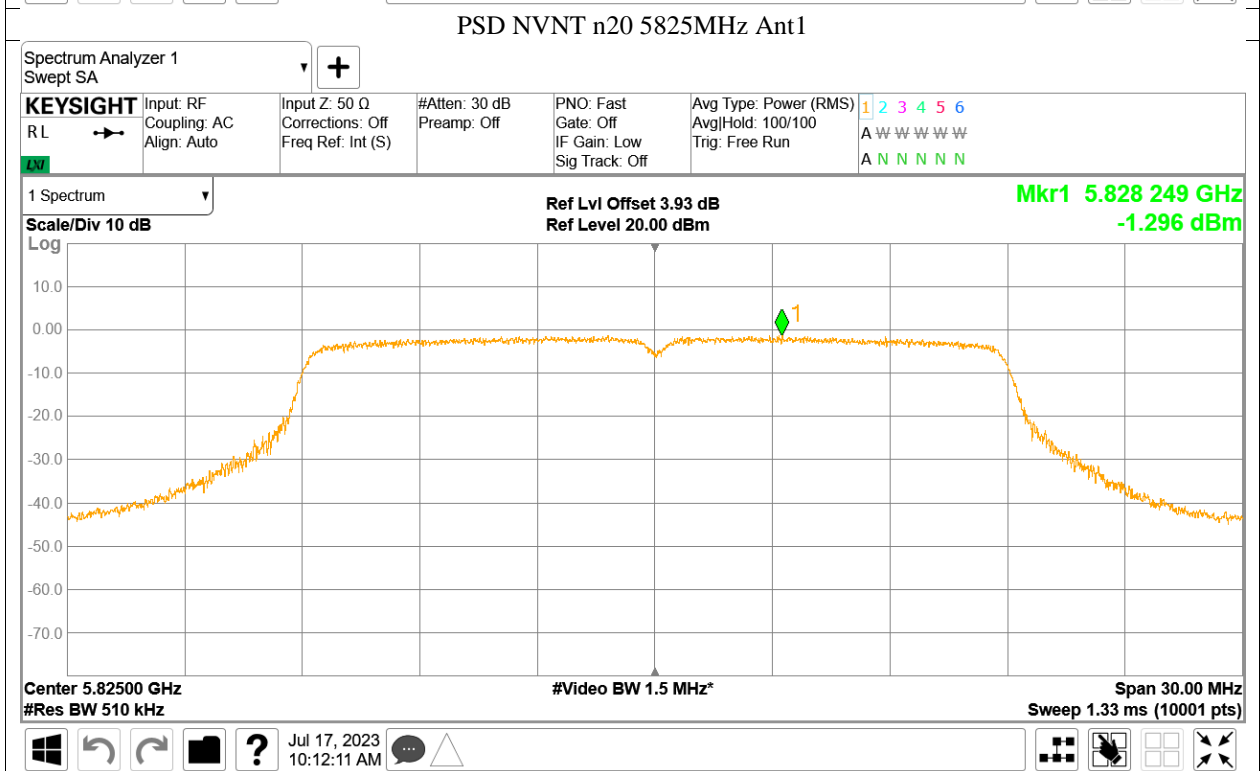
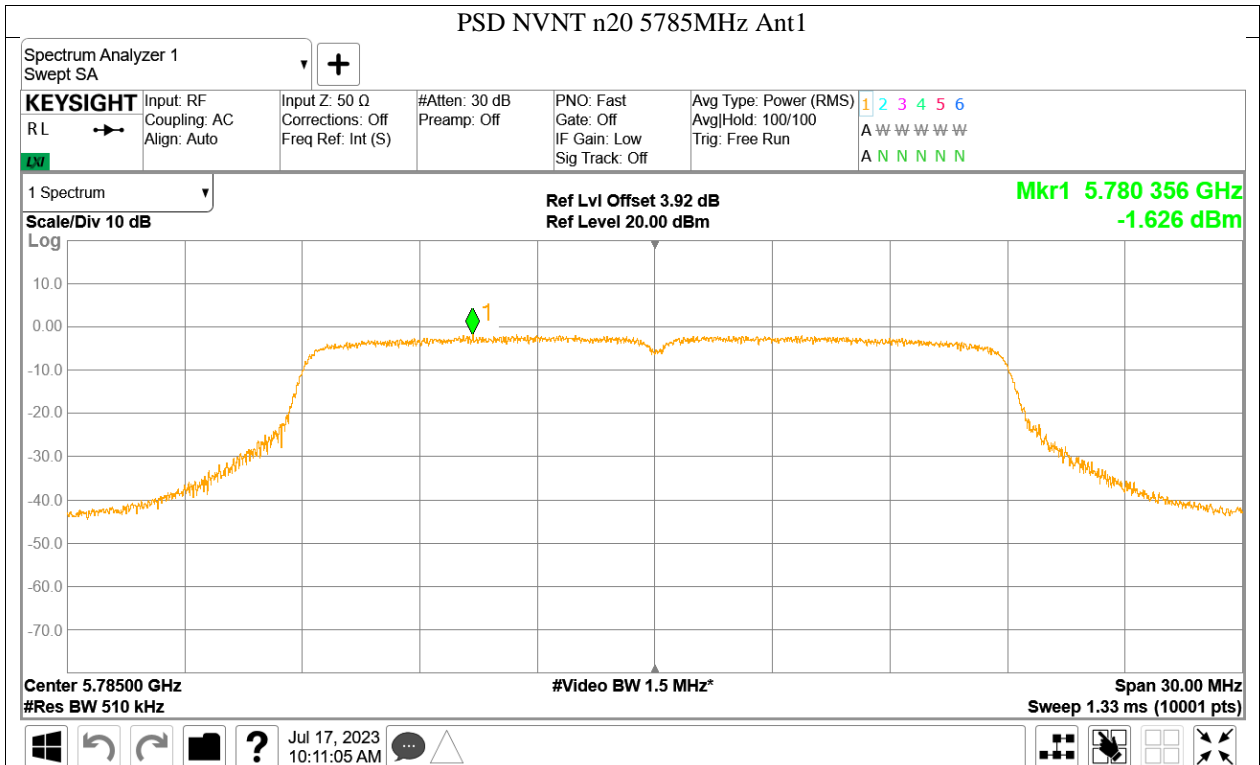


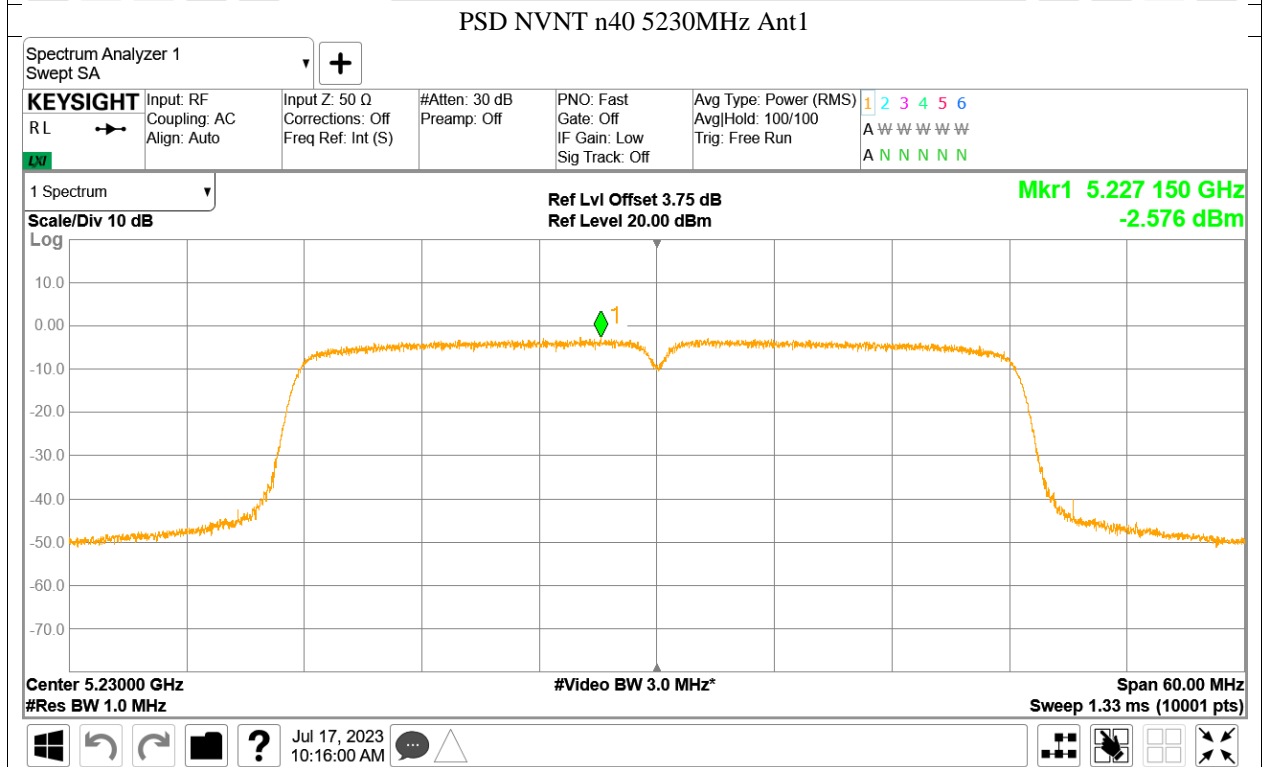
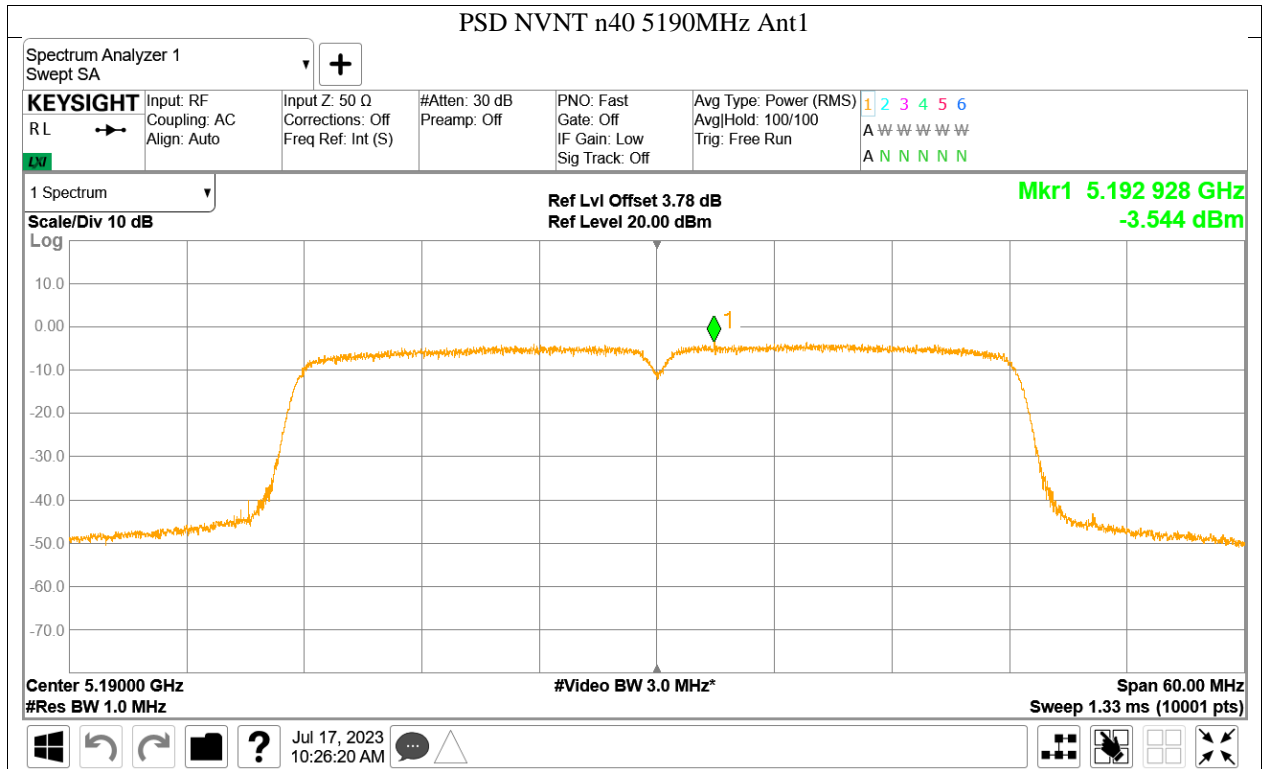


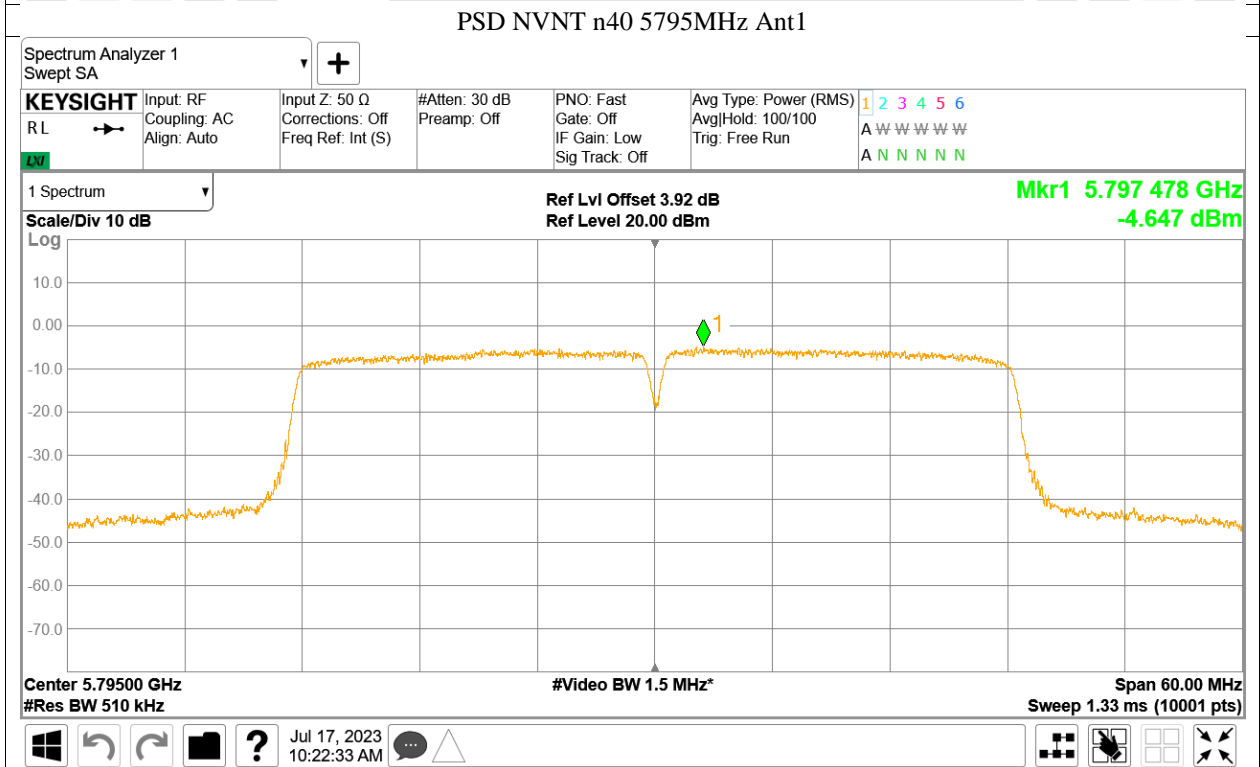
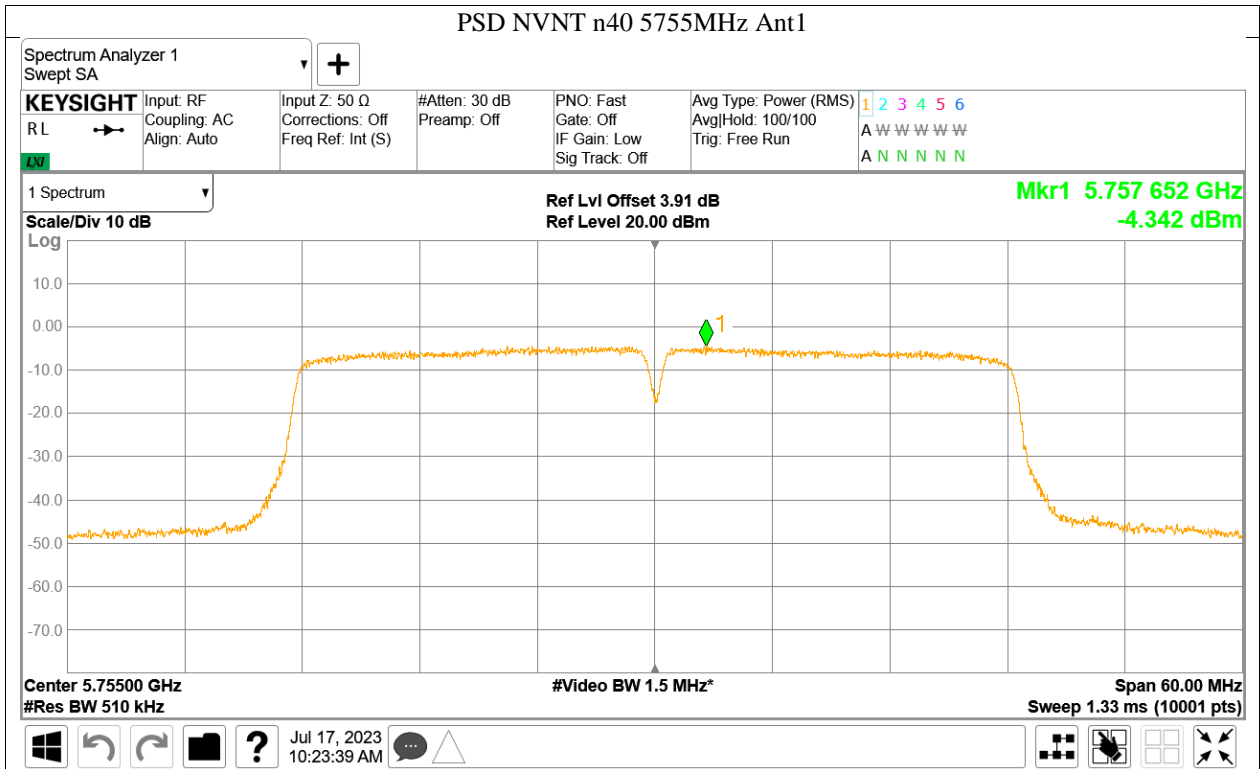














6 Band Edge

Condition	Mode	Frequency (MHz)	Antenna	Max Value (dBm)	Limit (dBm)	Verdict
NVNT	a	5180	Ant1	-40.66	-27	Pass
NVNT	a	5240	Ant1	-41.9	-27	Pass
NVNT	a	5745	Ant1	-30.27	-27 – 15.6	Pass
NVNT	a	5825	Ant1	-35.99	-27 – 15.6	Pass
NVNT	n20	5180	Ant1	-41.24	-27	Pass
NVNT	n20	5240	Ant1	-41.98	-27	Pass
NVNT	n20	5745	Ant1	-28.62	-27 – 15.6	Pass
NVNT	n20	5825	Ant1	-33.65	-27 – 15.6	Pass
NVNT	n40	5190	Ant1	-38.81	-27	Pass
NVNT	n40	5230	Ant1	-41.69	-27	Pass
NVNT	n40	5755	Ant1	-31.11	-27 – 15.6	Pass
NVNT	n40	5795	Ant1	-39.62	-27 – 15.6	Pass

