



7. AUTOMATICALLY DISCONTINUE TRANSMISSION

7.1 LIMIT OF AUTOMATICALLY DISCONTINUE TRANSMISSION

The device shall automatically discontinue transmission in case of either absence of information to transmit or operational failure. These provisions are not intended to preclude the transmission of control or signaling information or the use of repetitive codes used by certain digital technologies to complete frame or burst intervals. Applicants shall include in their application for equipment authorization to describe how this requirement is met.

7.2 TEST RESULT OF AUTOMATICALLY DISCONTINUE TRANSMISSION

During no any information transmission, the EUT can automatically discontinue transmission and become standby mode for power saving. The EUT can detect the controlling signal of ACK message transmitting from remote device and verify whether it shall resend or discontinue transmission



8. ANTENNA REQUIREMENT

8.1 STANDARD REQUIREMENT

Part 15.203 requirement: For intentional device, according to 15.203: an intentional radiator shall be designed to ensure that no antenna other than that furnished by the responsible party shall be used with the device.

8.2 EUT ANTENNA

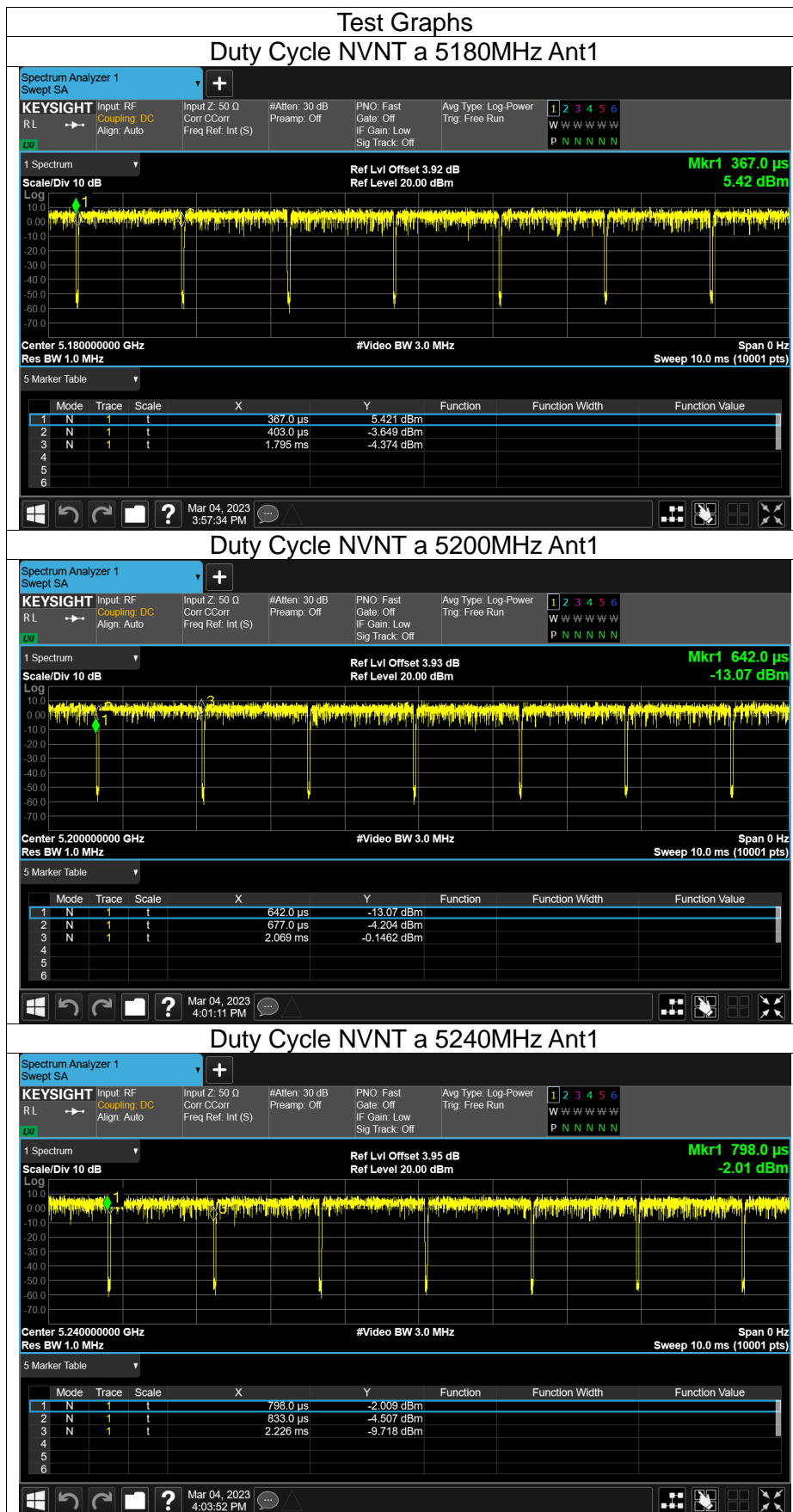
The EUT antenna is PIFA Antenna with RP-SMA connector. It comply with the standard requirement.

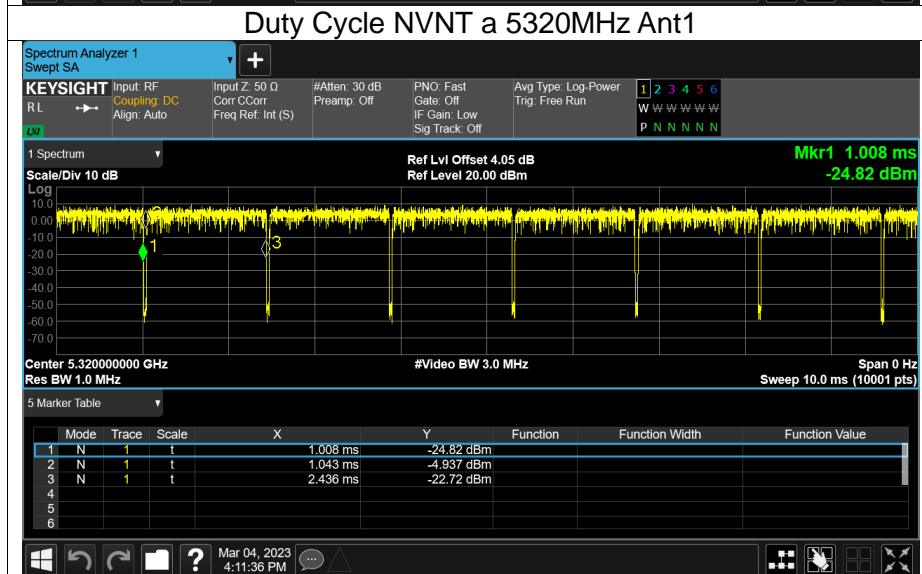
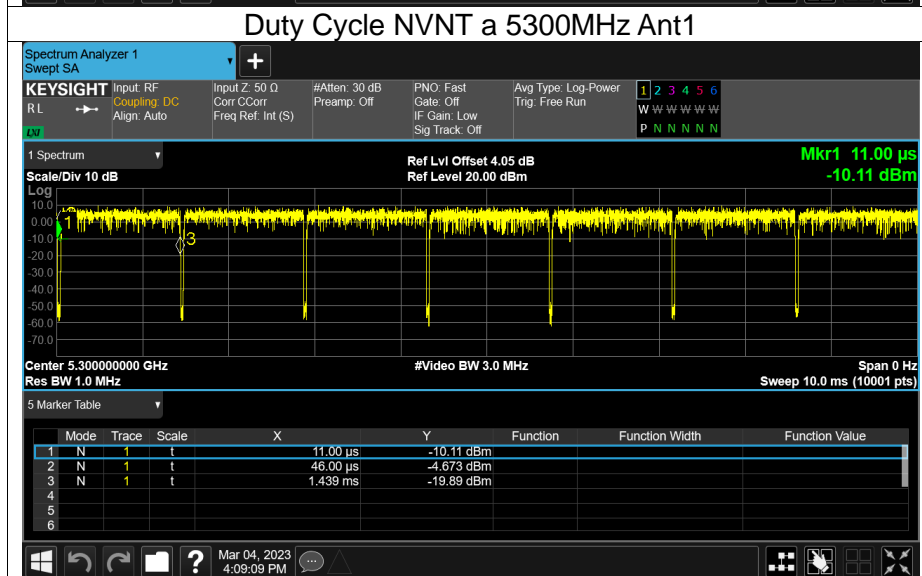
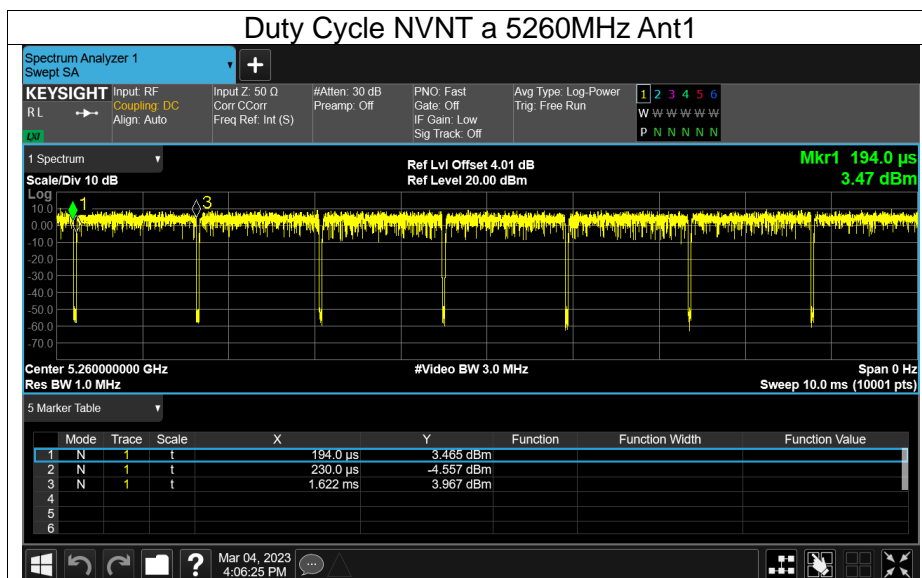


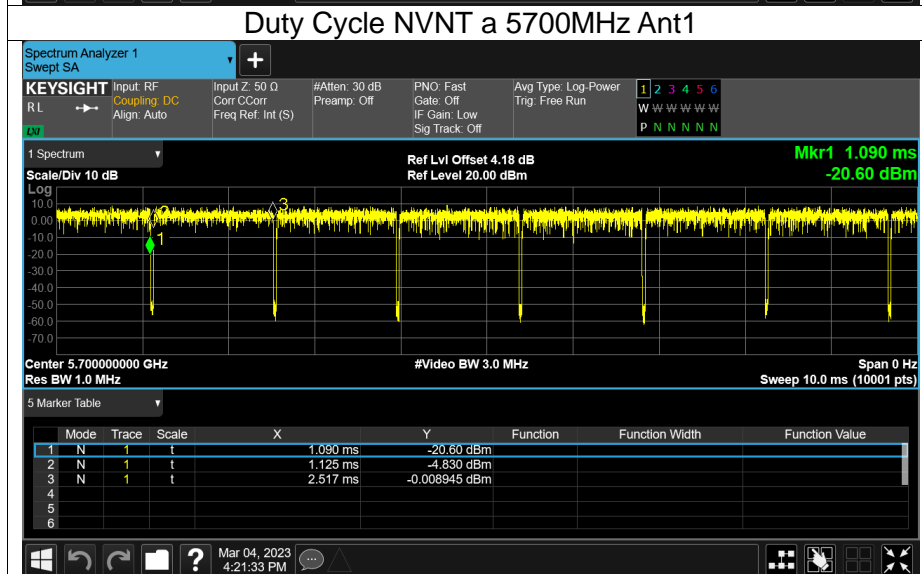
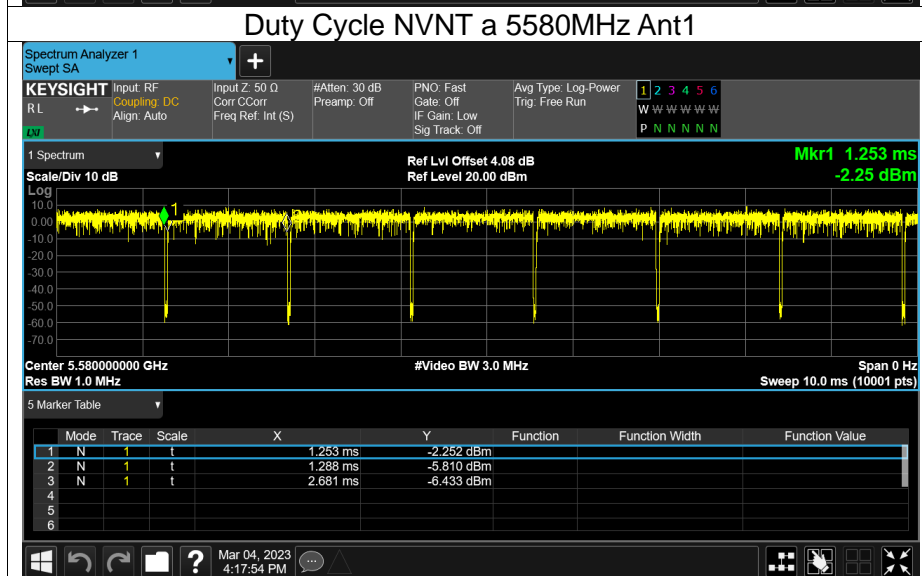
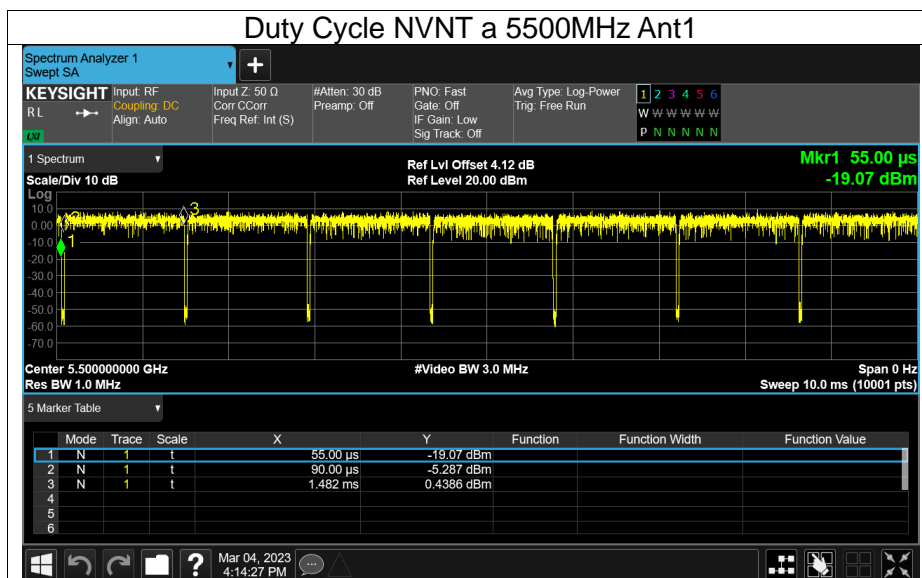
APPENDIX I: TEST RESULTS

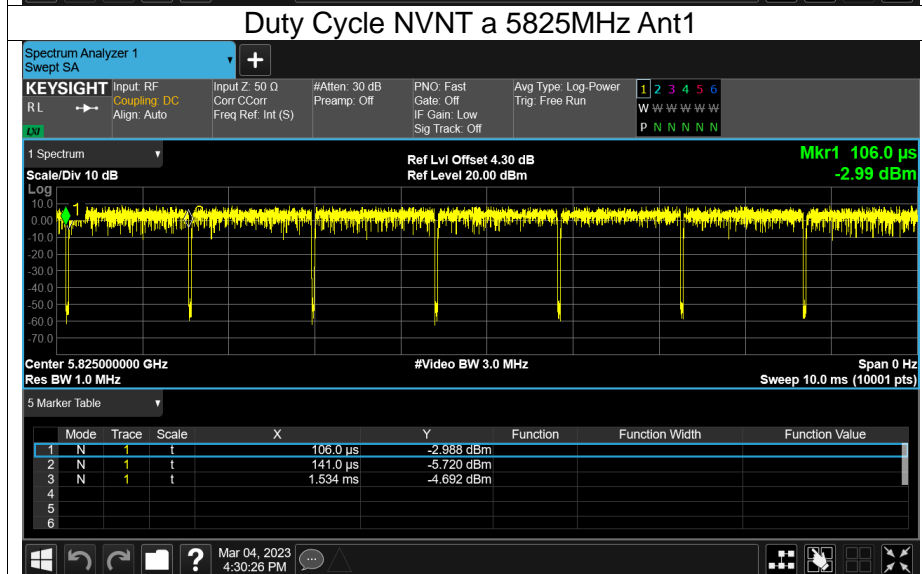
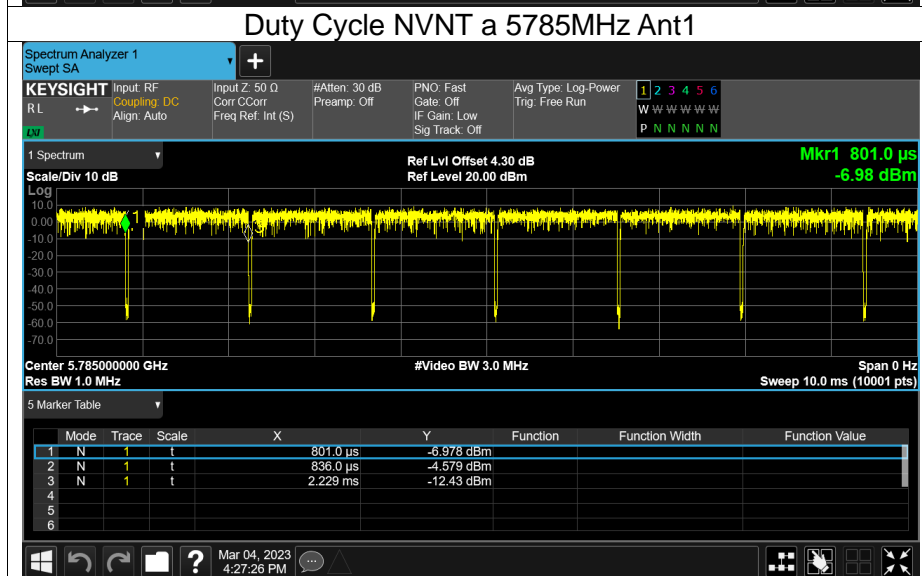
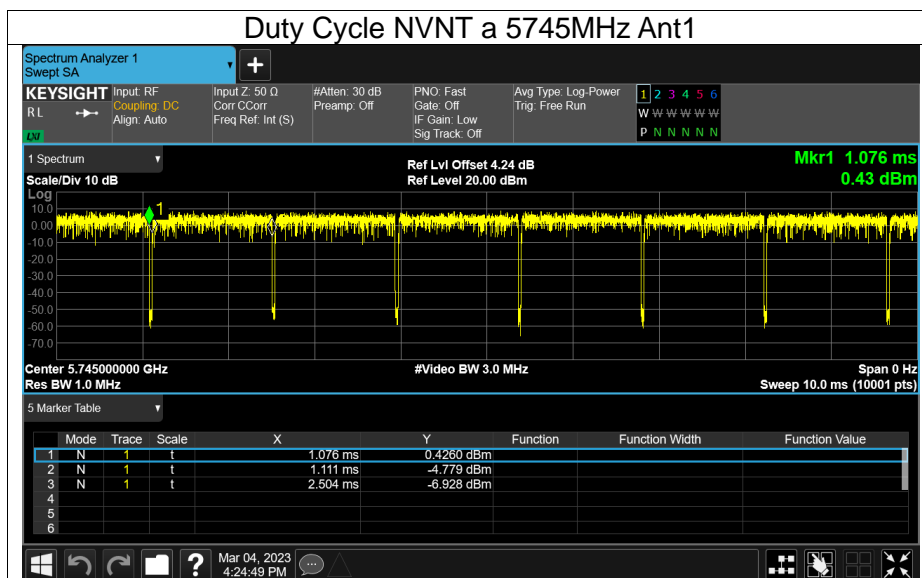
Duty Cycle

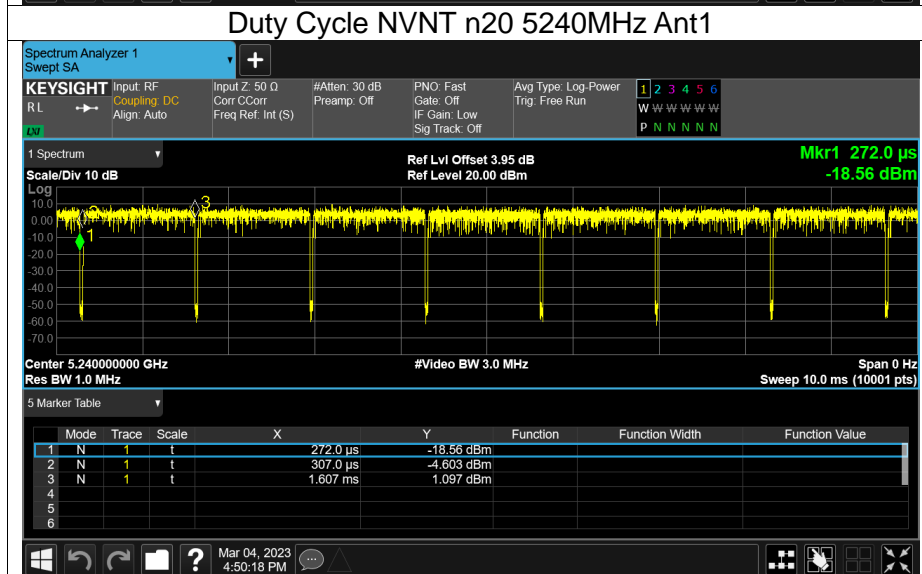
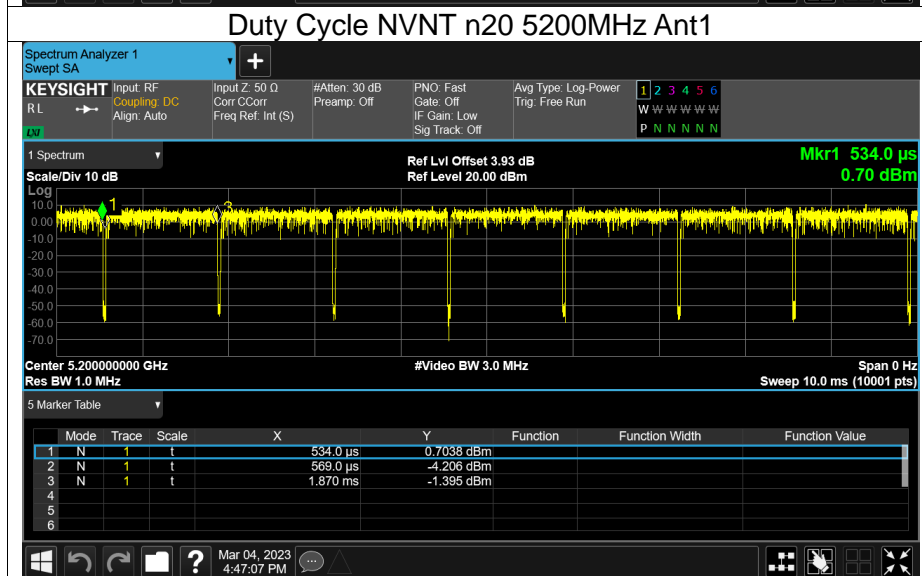
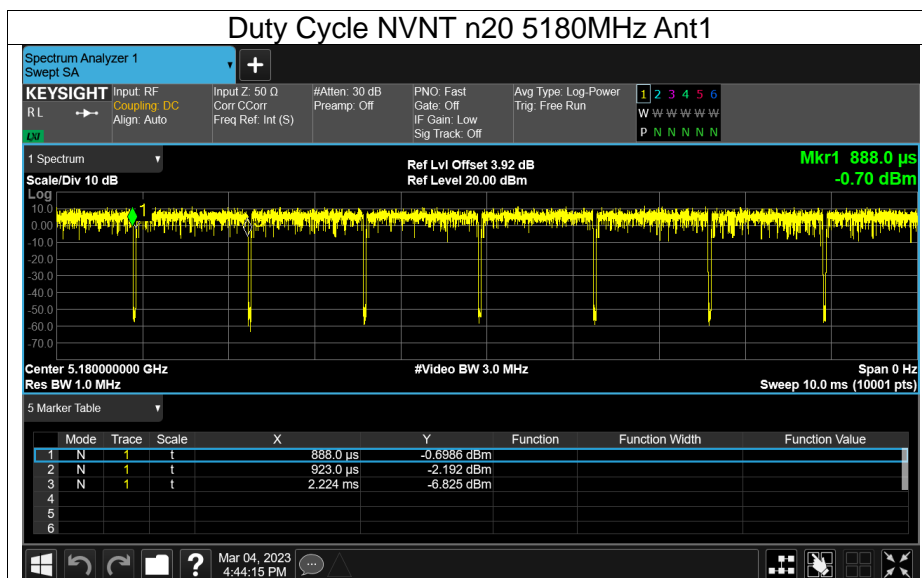
Condition	Mode	Frequency (MHz)	Antenna	Duty Cycle (%)	Correction Factor (dB)	1/T (kHz)
NVNT	a	5180	Ant1	97.48	0.11	0.72
NVNT	a	5200	Ant1	97.55	0.11	0.72
NVNT	a	5240	Ant1	97.55	0.11	0.72
NVNT	a	5260	Ant1	97.48	0.11	0.72
NVNT	a	5300	Ant1	97.55	0.11	0.72
NVNT	a	5320	Ant1	97.55	0.11	0.72
NVNT	a	5500	Ant1	97.55	0.11	0.72
NVNT	a	5580	Ant1	97.55	0.11	0.72
NVNT	a	5700	Ant1	97.55	0.11	0.72
NVNT	a	5745	Ant1	97.55	0.11	0.72
NVNT	a	5785	Ant1	97.55	0.11	0.72
NVNT	a	5825	Ant1	97.55	0.11	0.72
NVNT	n20	5180	Ant1	97.38	0.12	0.77
NVNT	n20	5200	Ant1	97.38	0.12	0.77
NVNT	n20	5240	Ant1	97.38	0.12	0.77
NVNT	n20	5260	Ant1	97.38	0.12	0.77
NVNT	n20	5300	Ant1	97.38	0.12	0.77
NVNT	n20	5320	Ant1	97.38	0.12	0.77
NVNT	n20	5500	Ant1	97.31	0.12	0.77
NVNT	n20	5580	Ant1	97.31	0.12	0.77
NVNT	n20	5700	Ant1	97.38	0.12	0.77
NVNT	n20	5745	Ant1	97.38	0.12	0.77
NVNT	n20	5785	Ant1	97.38	0.12	0.77
NVNT	n20	5825	Ant1	97.38	0.12	0.77
NVNT	n40	5190	Ant1	95.08	0.22	1.54
NVNT	n40	5230	Ant1	95.06	0.22	1.54
NVNT	n40	5270	Ant1	94.96	0.22	1.54
NVNT	n40	5310	Ant1	94.96	0.22	1.54
NVNT	n40	5510	Ant1	94.99	0.22	1.54
NVNT	n40	5550	Ant1	94.96	0.22	1.54
NVNT	n40	5670	Ant1	95.06	0.22	1.54
NVNT	n40	5755	Ant1	95.06	0.22	1.54
NVNT	n40	5795	Ant1	95.06	0.22	1.54
NVNT	ac80	5210	Ant1	90.53	0.43	3.08
NVNT	ac80	5290	Ant1	90.66	0.43	3.08
NVNT	ac80	5530	Ant1	90.66	0.43	3.08
NVNT	ac80	5610	Ant1	90.66	0.43	3.08
NVNT	ac80	5775	Ant1	90.66	0.43	3.08

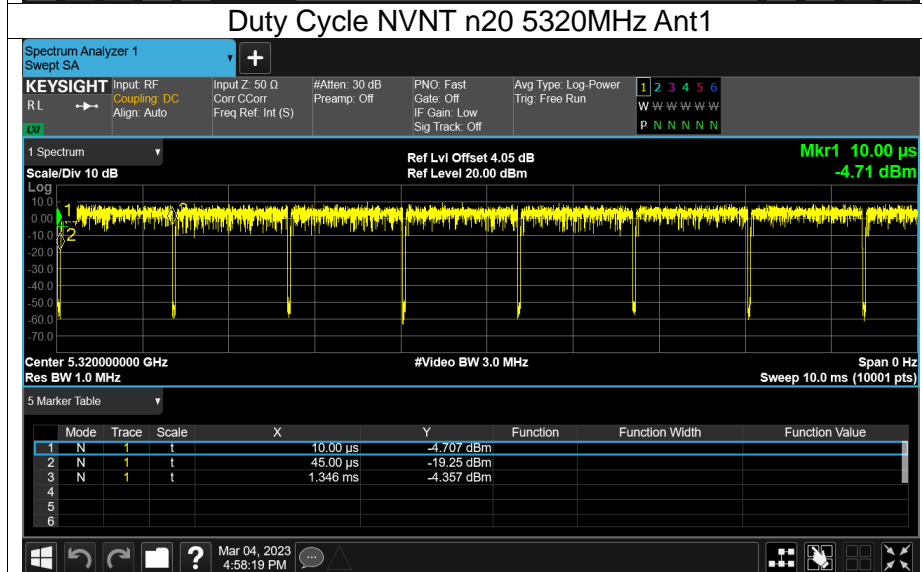
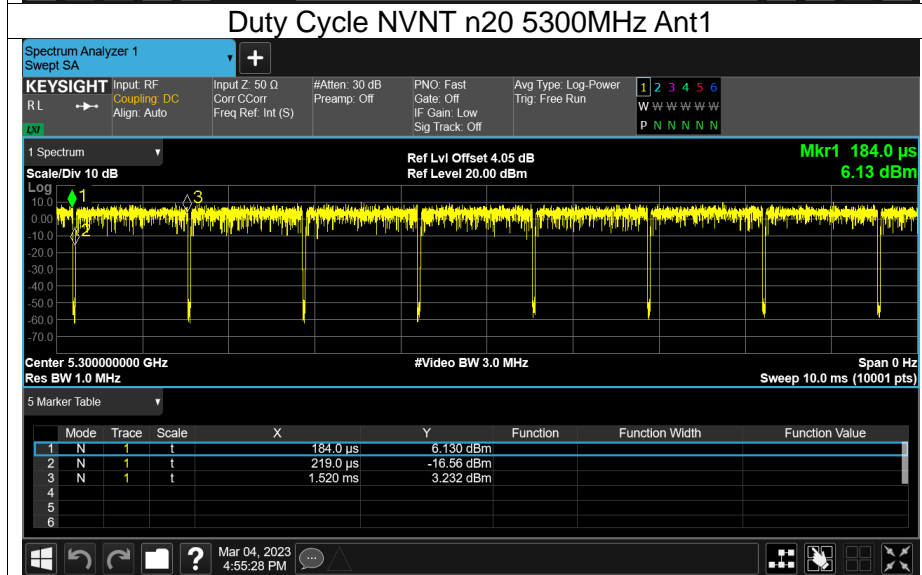
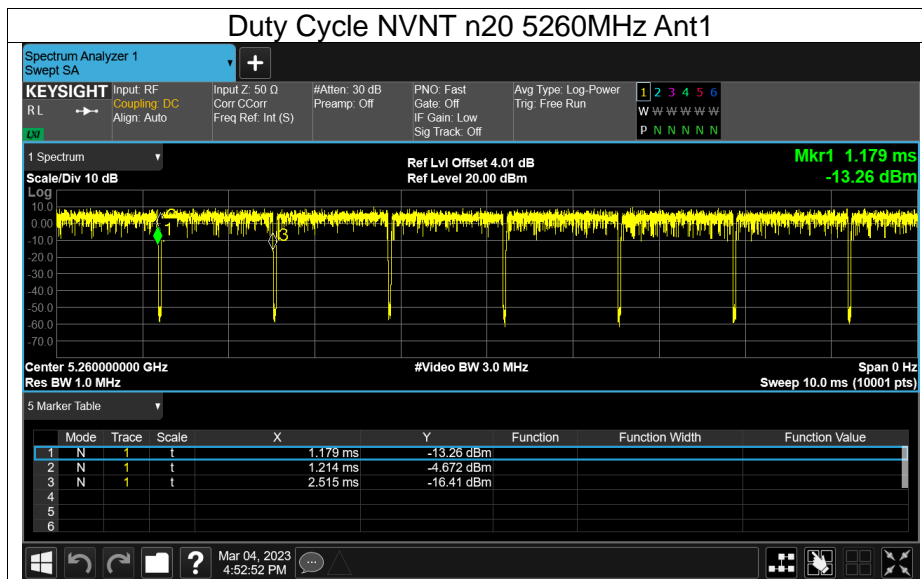


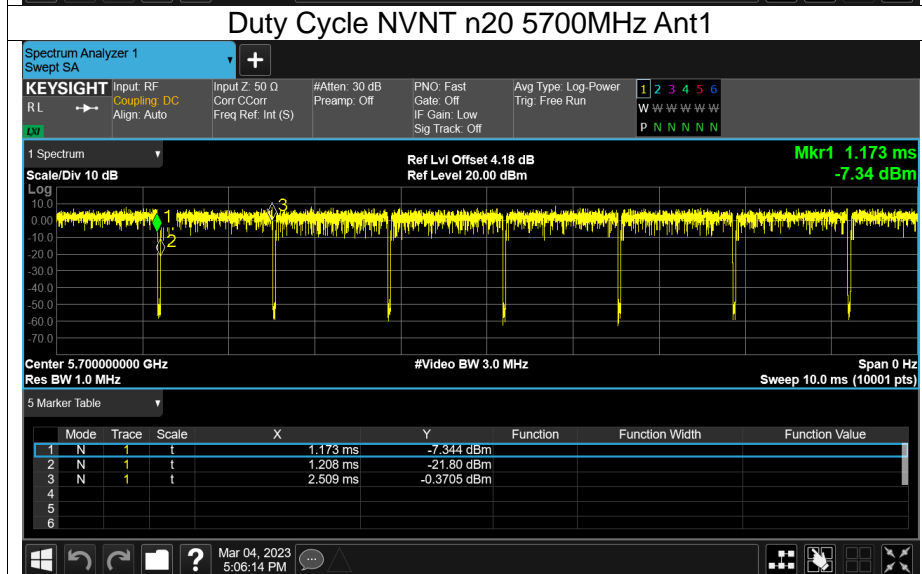
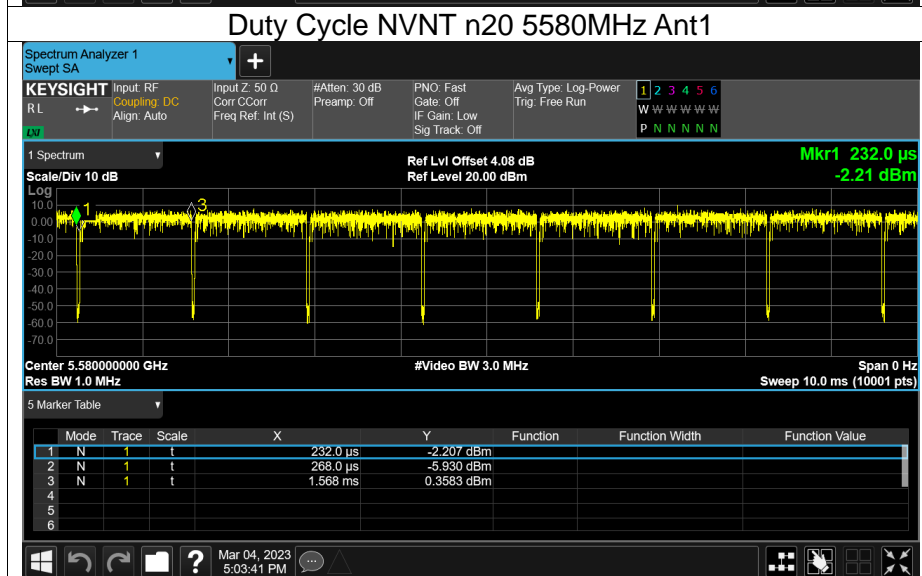
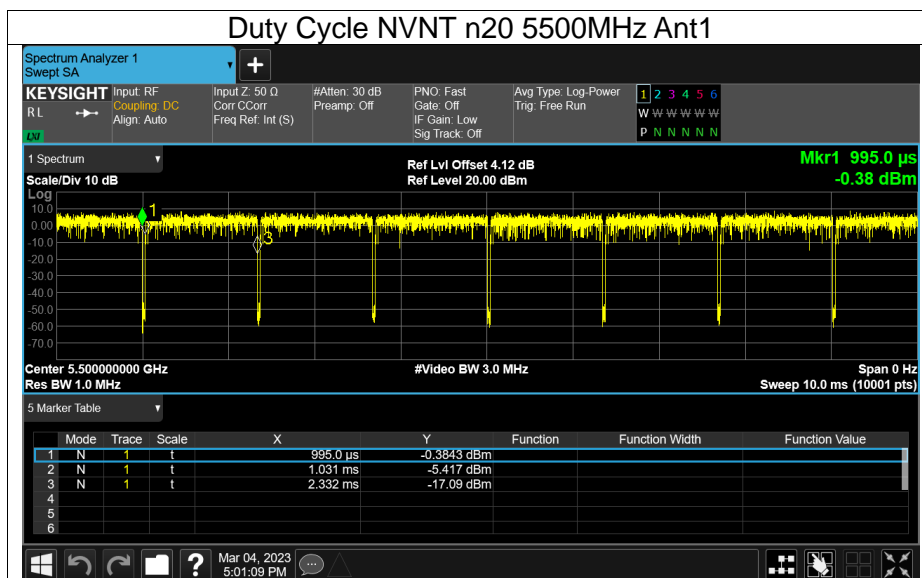


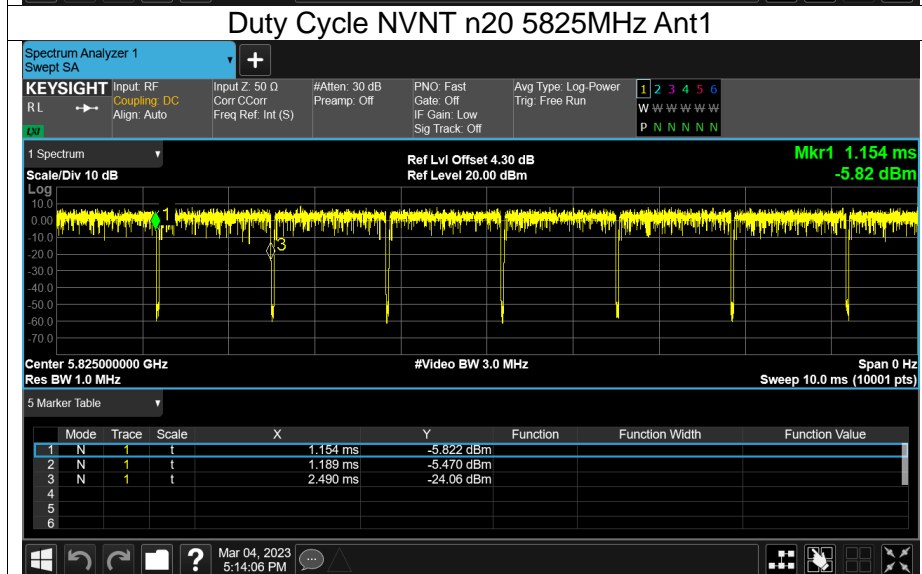
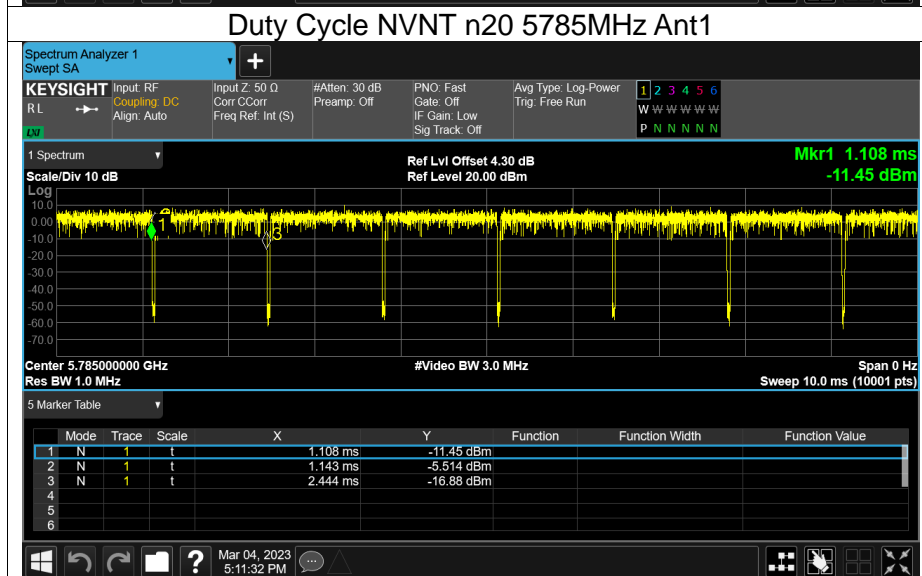
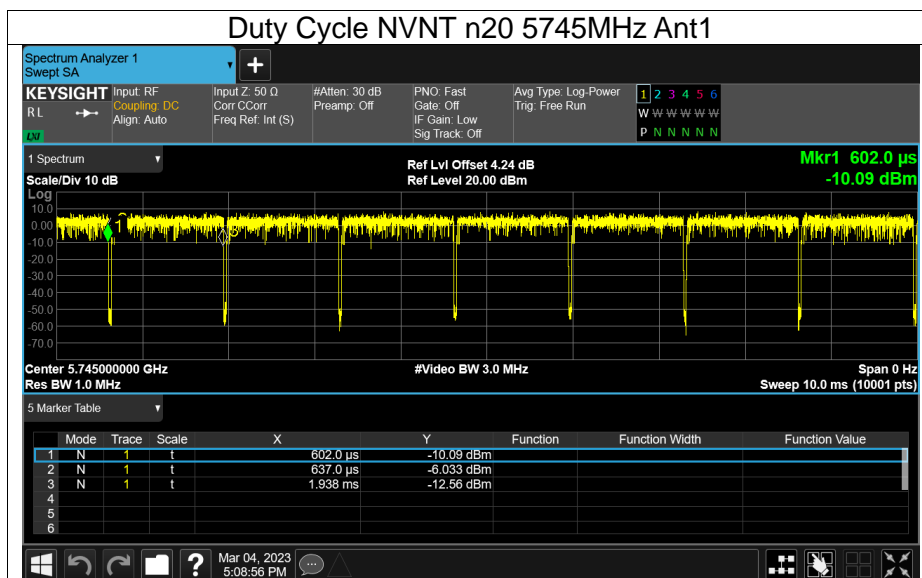


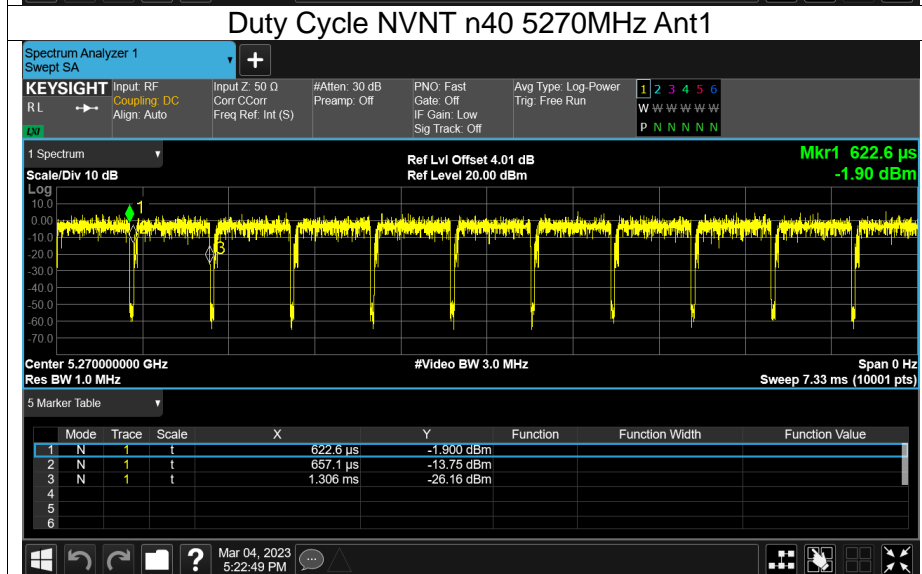
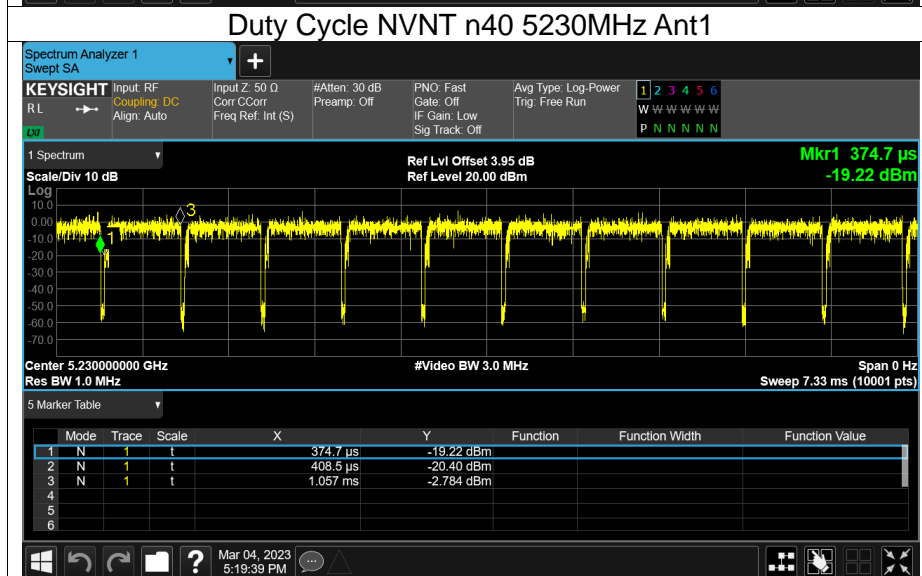
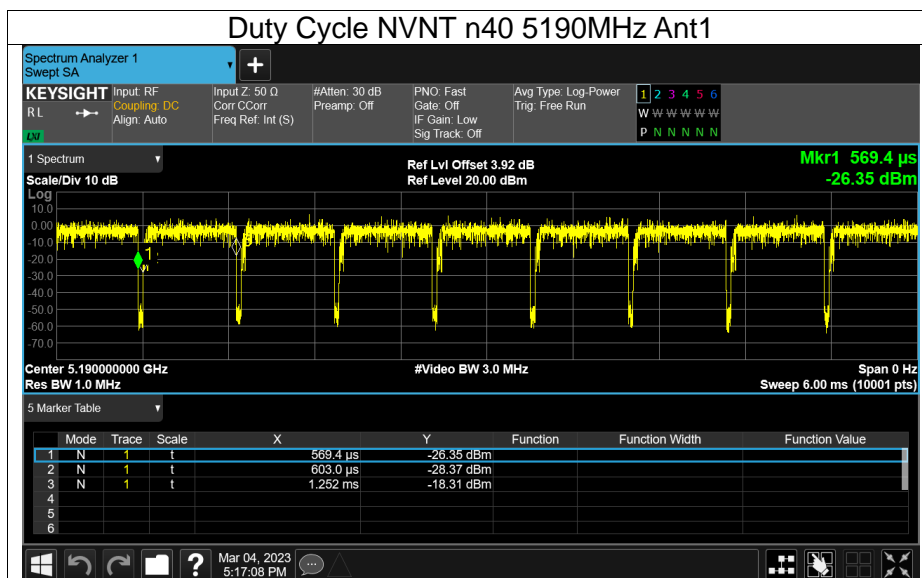


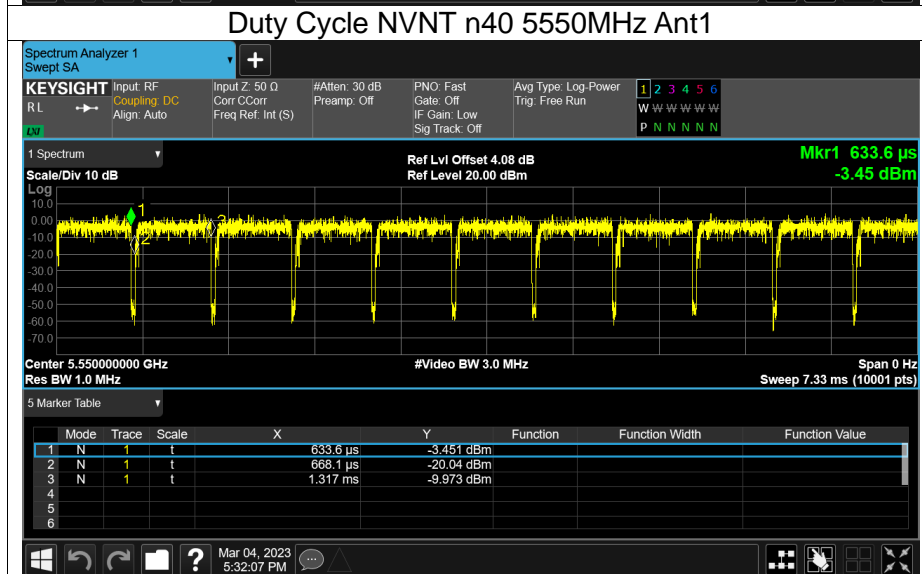
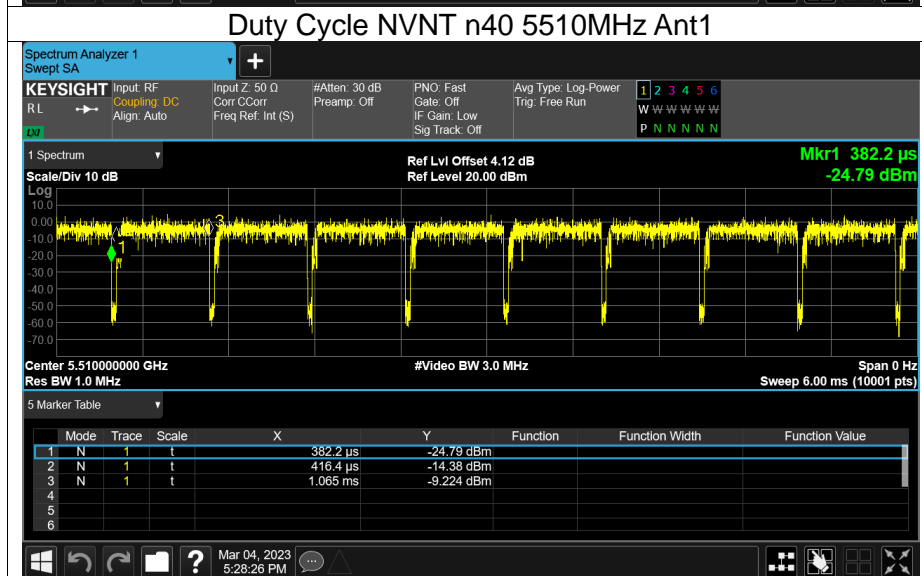
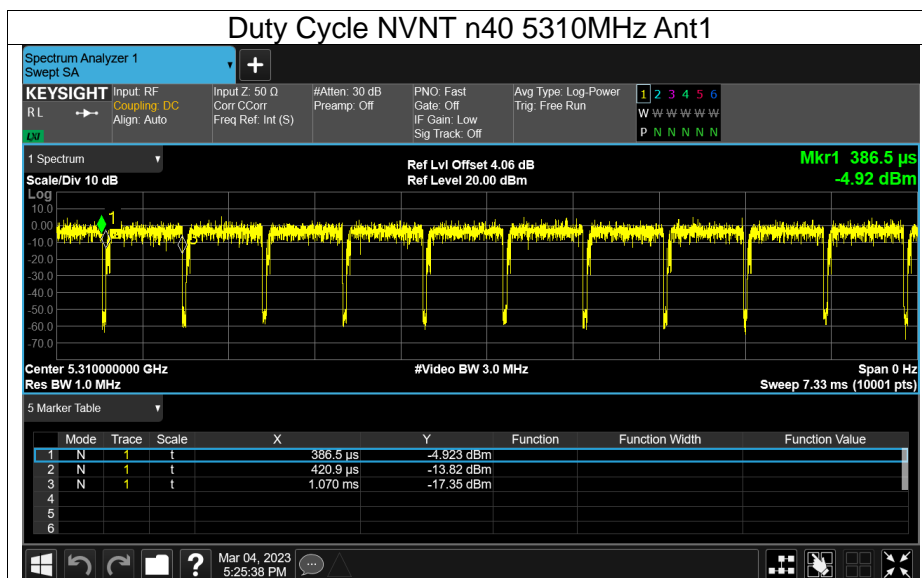


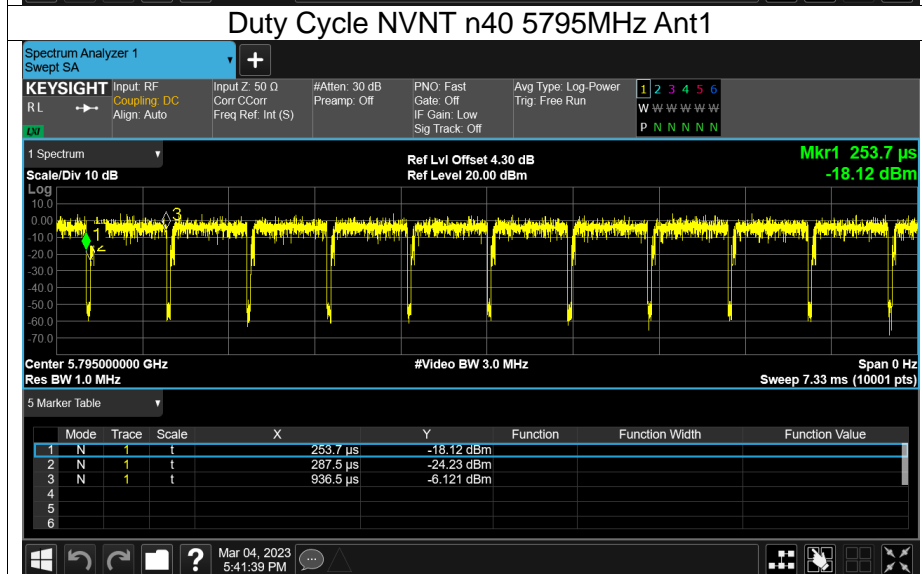
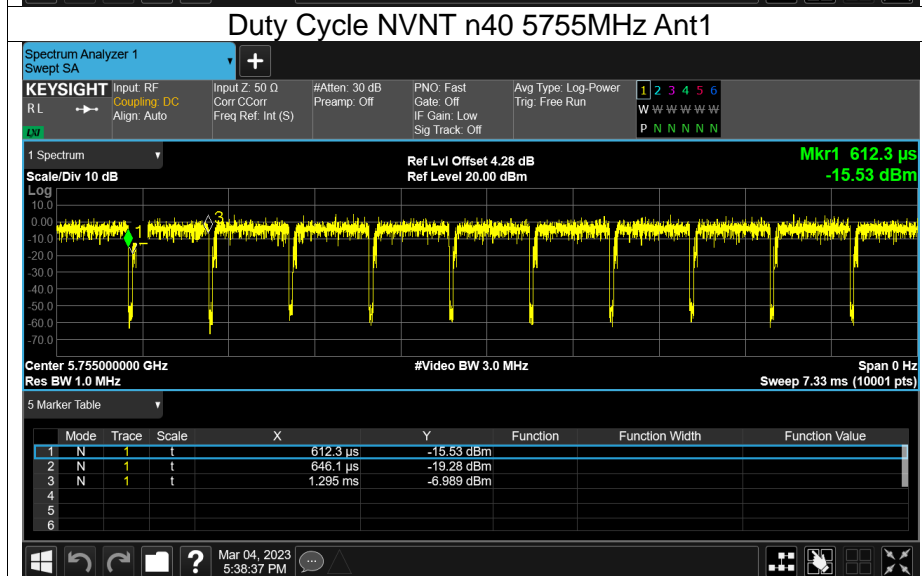
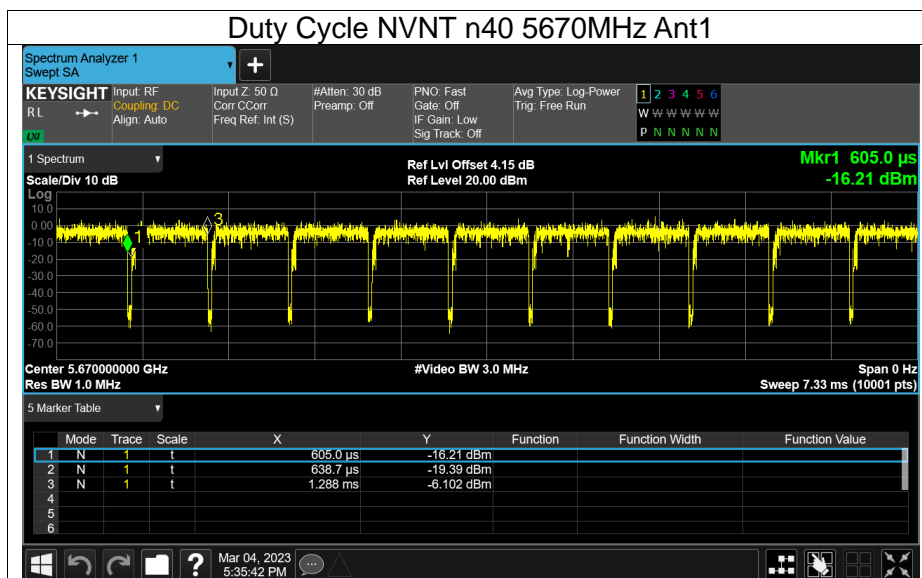


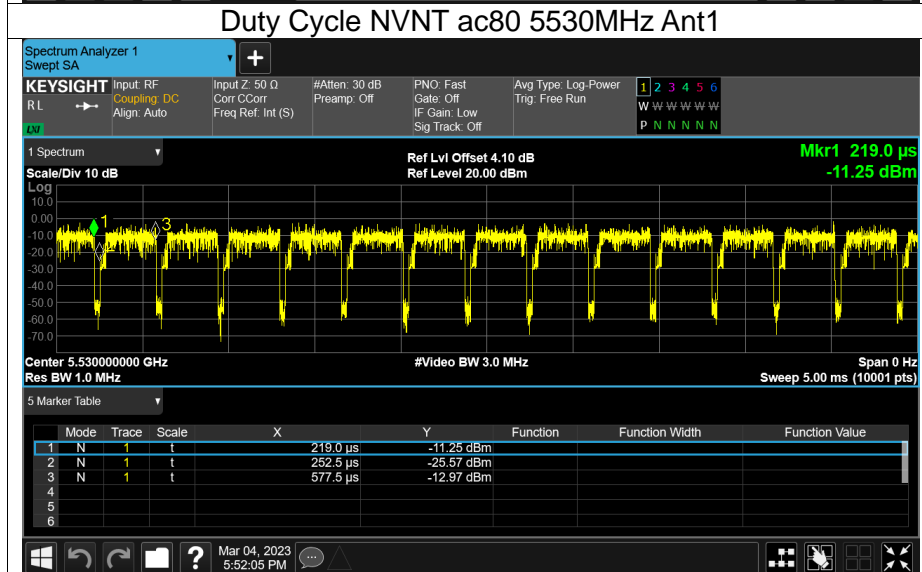
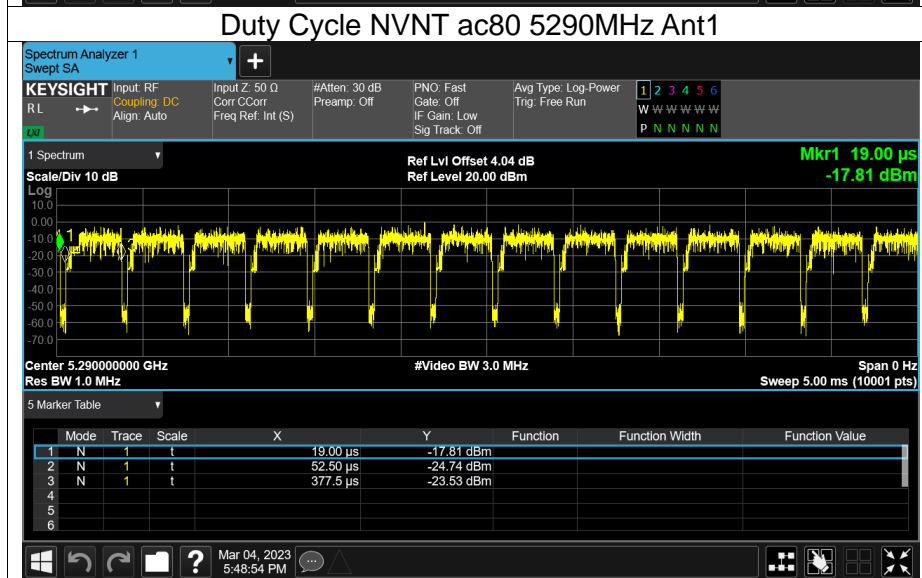
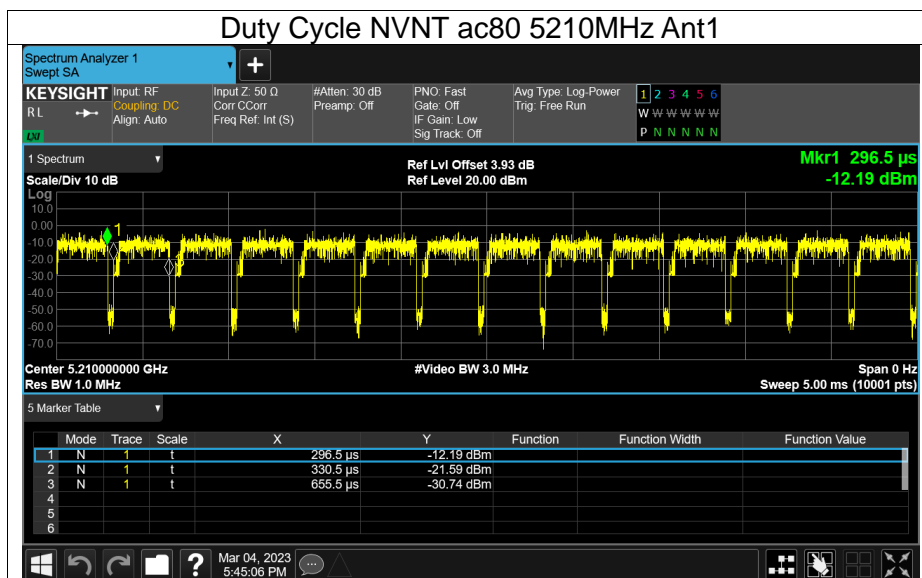


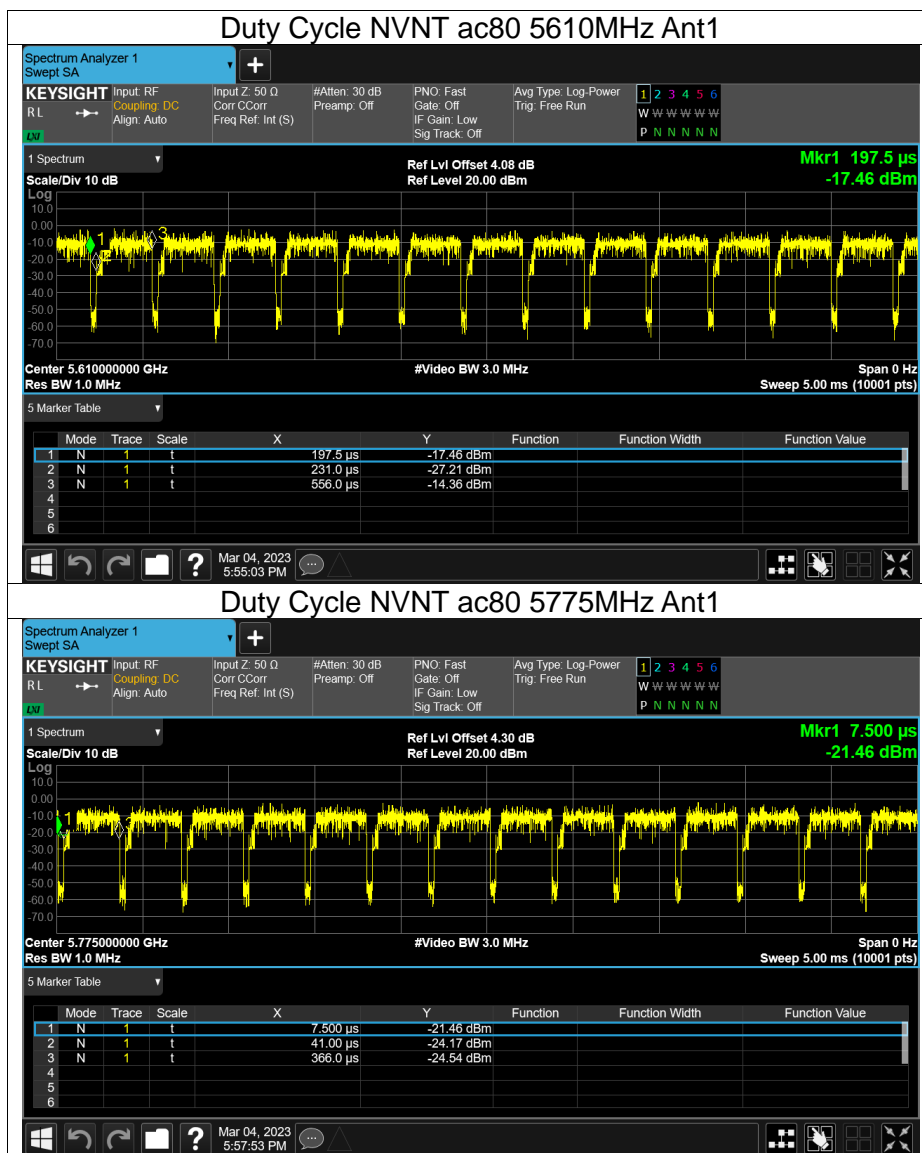














Maximum Conducted Output Power

Condition	Mode	Frequency (MHz)	Antenna	Conducted Power (dBm)	Duty Factor (dB)	Total Power (dBm)	Limit (dBm)	Verdict
NVNT	a	5180	Ant1	14.99	0.11	15.1	24	Pass
NVNT	a	5200	Ant1	14.83	0.11	14.94	24	Pass
NVNT	a	5240	Ant1	14.51	0.11	14.62	24	Pass
NVNT	a	5260	Ant1	14.62	0.11	14.73	24	Pass
NVNT	a	5300	Ant1	14.5	0.11	14.61	24	Pass
NVNT	a	5320	Ant1	14.26	0.11	14.37	24	Pass
NVNT	a	5500	Ant1	13.71	0.11	13.82	24	Pass
NVNT	a	5580	Ant1	13.29	0.11	13.4	24	Pass
NVNT	a	5700	Ant1	13.26	0.11	13.37	24	Pass
NVNT	a	5745	Ant1	13.42	0.11	13.53	30	Pass
NVNT	a	5785	Ant1	13.73	0.11	13.84	30	Pass
NVNT	a	5825	Ant1	13.49	0.11	13.6	30	Pass
NVNT	n20	5180	Ant1	13.46	0.12	13.58	24	Pass
NVNT	n20	5200	Ant1	13.29	0.12	13.41	24	Pass
NVNT	n20	5240	Ant1	12.96	0.12	13.08	24	Pass
NVNT	n20	5260	Ant1	13.05	0.12	13.17	24	Pass
NVNT	n20	5300	Ant1	12.85	0.12	12.97	24	Pass
NVNT	n20	5320	Ant1	12.6	0.12	12.72	24	Pass
NVNT	n20	5500	Ant1	11.84	0.12	11.96	24	Pass
NVNT	n20	5580	Ant1	11.43	0.12	11.55	24	Pass
NVNT	n20	5700	Ant1	11.82	0.12	11.94	24	Pass
NVNT	n20	5745	Ant1	11.95	0.12	12.07	30	Pass
NVNT	n20	5785	Ant1	12.31	0.12	12.43	30	Pass
NVNT	n20	5825	Ant1	11.93	0.12	12.05	30	Pass
NVNT	n40	5190	Ant1	13.52	0.22	13.74	24	Pass
NVNT	n40	5230	Ant1	13.12	0.22	13.34	24	Pass
NVNT	n40	5270	Ant1	12.94	0.22	13.16	24	Pass
NVNT	n40	5310	Ant1	12.81	0.22	13.03	24	Pass
NVNT	n40	5510	Ant1	11.6	0.22	11.82	24	Pass
NVNT	n40	5550	Ant1	11.95	0.22	12.17	24	Pass
NVNT	n40	5670	Ant1	12.28	0.22	12.5	24	Pass
NVNT	n40	5755	Ant1	12.21	0.22	12.43	30	Pass
NVNT	n40	5795	Ant1	12.25	0.22	12.47	30	Pass
NVNT	ac80	5210	Ant1	10.53	0.43	10.96	24	Pass
NVNT	ac80	5290	Ant1	9.73	0.43	10.16	24	Pass
NVNT	ac80	5530	Ant1	8.63	0.43	9.06	24	Pass
NVNT	ac80	5610	Ant1	8.72	0.43	9.15	24	Pass
NVNT	ac80	5775	Ant1	9.27	0.43	9.7	30	Pass



