



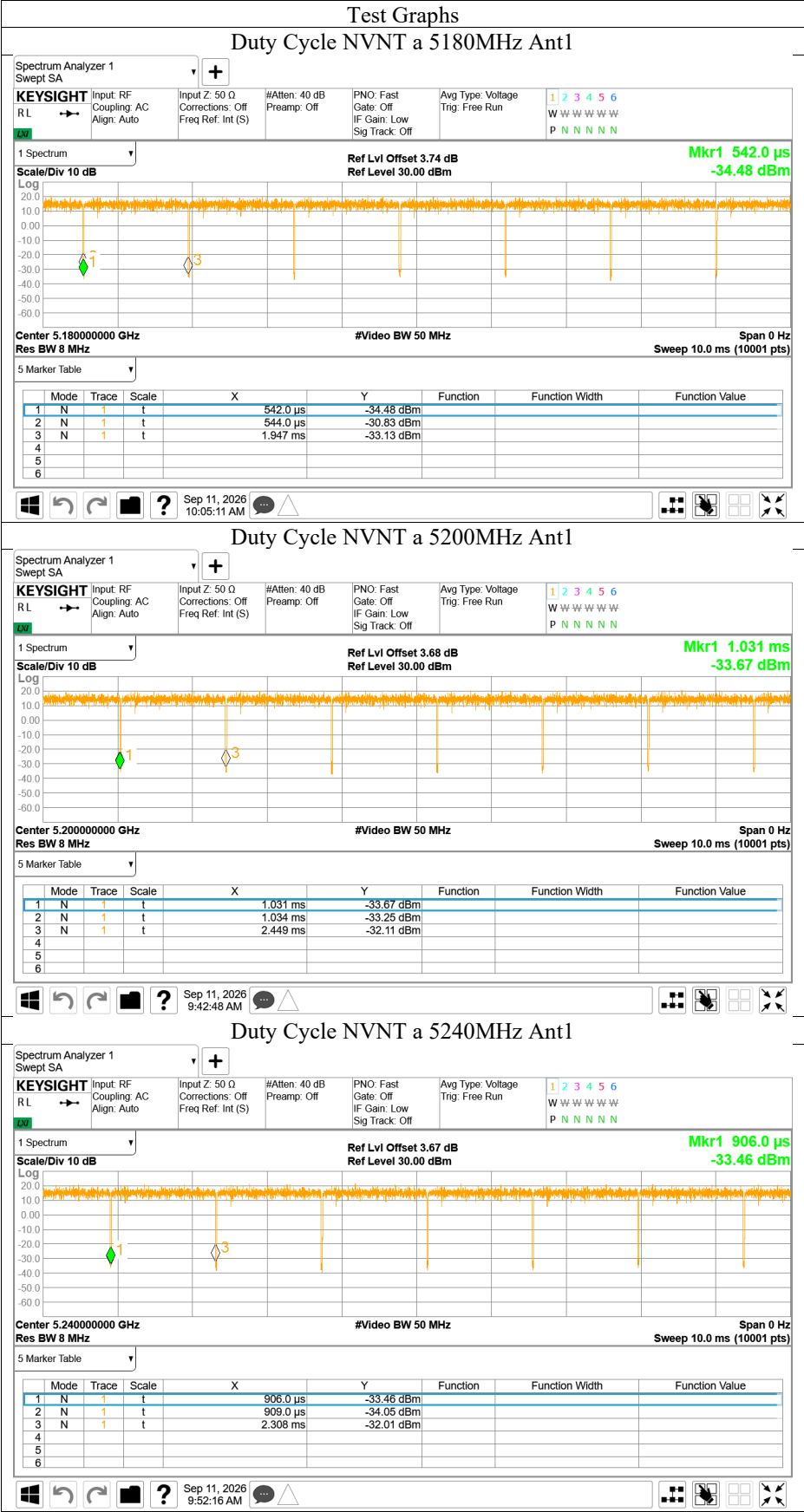
FCC - TEST REPORT
Appendix A for 709502606891-00C

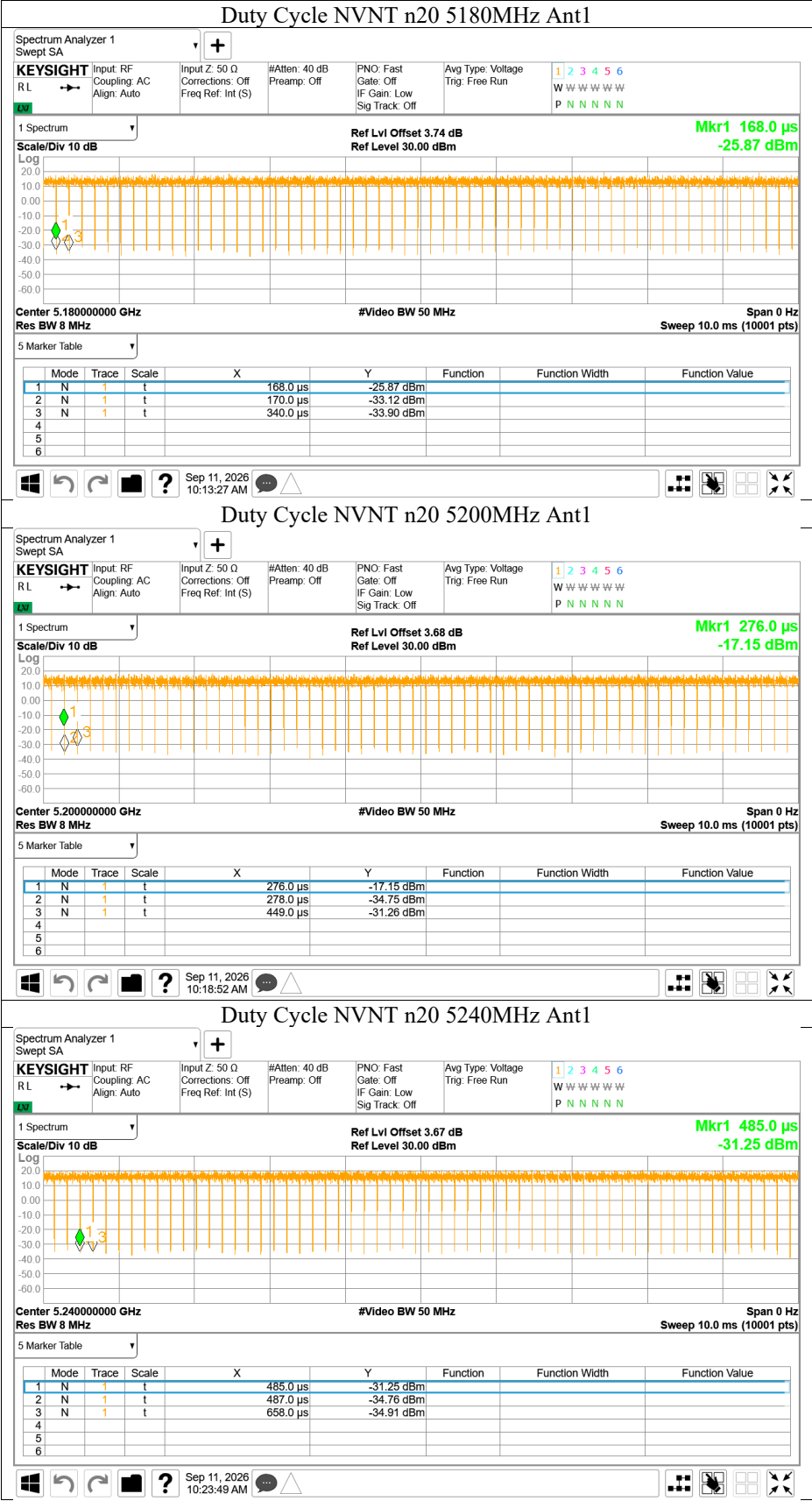
Table of Contents

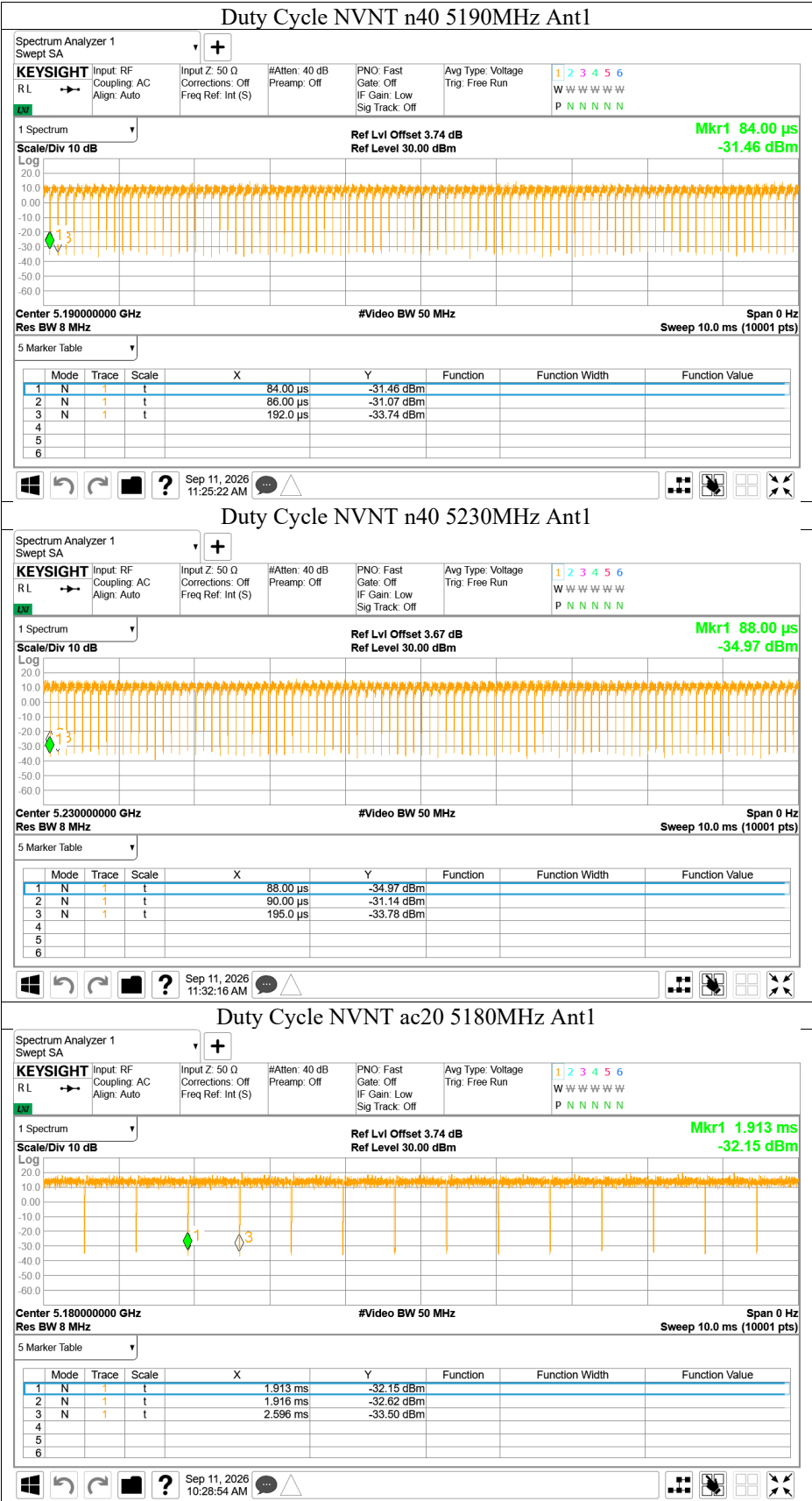
1	Duty Cycle.....	2
2	Maximum Conducted Output Power	28
3	Maximum power spectral density	54
4	-26dB Bandwidth.....	97
5	-6dB Bandwidth	117
6	99% Bandwidth	123
7	Band edge for Partial RU.....	149
8	Conducted RF Spurious Emission for Partial RU.....	169
9	Frequency Stability	274
10	-26dB Bandwidth test graph for straddle channel.....	285
11	99% Bandwidth test graph for straddle channel	290

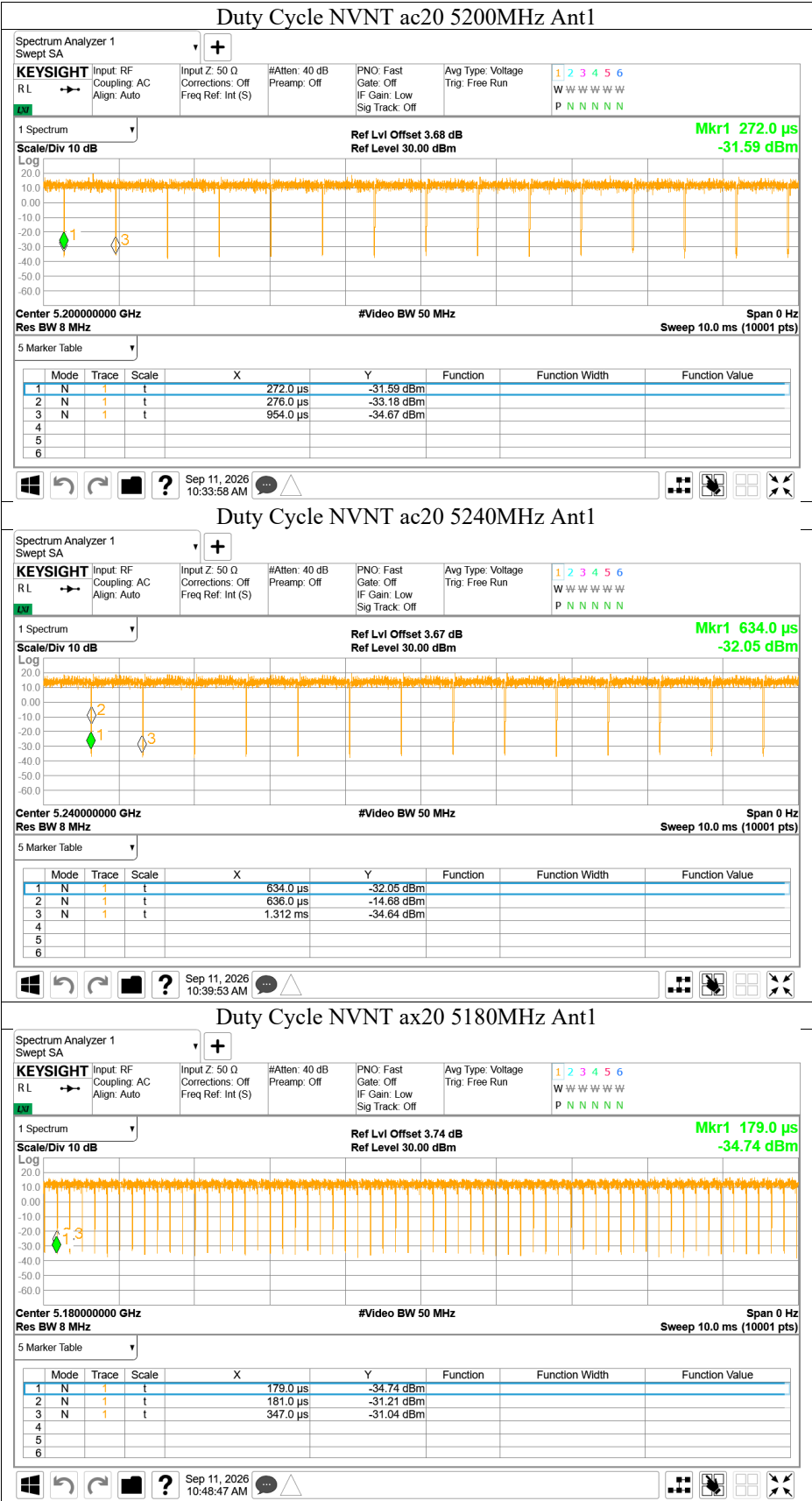
1 Duty Cycle

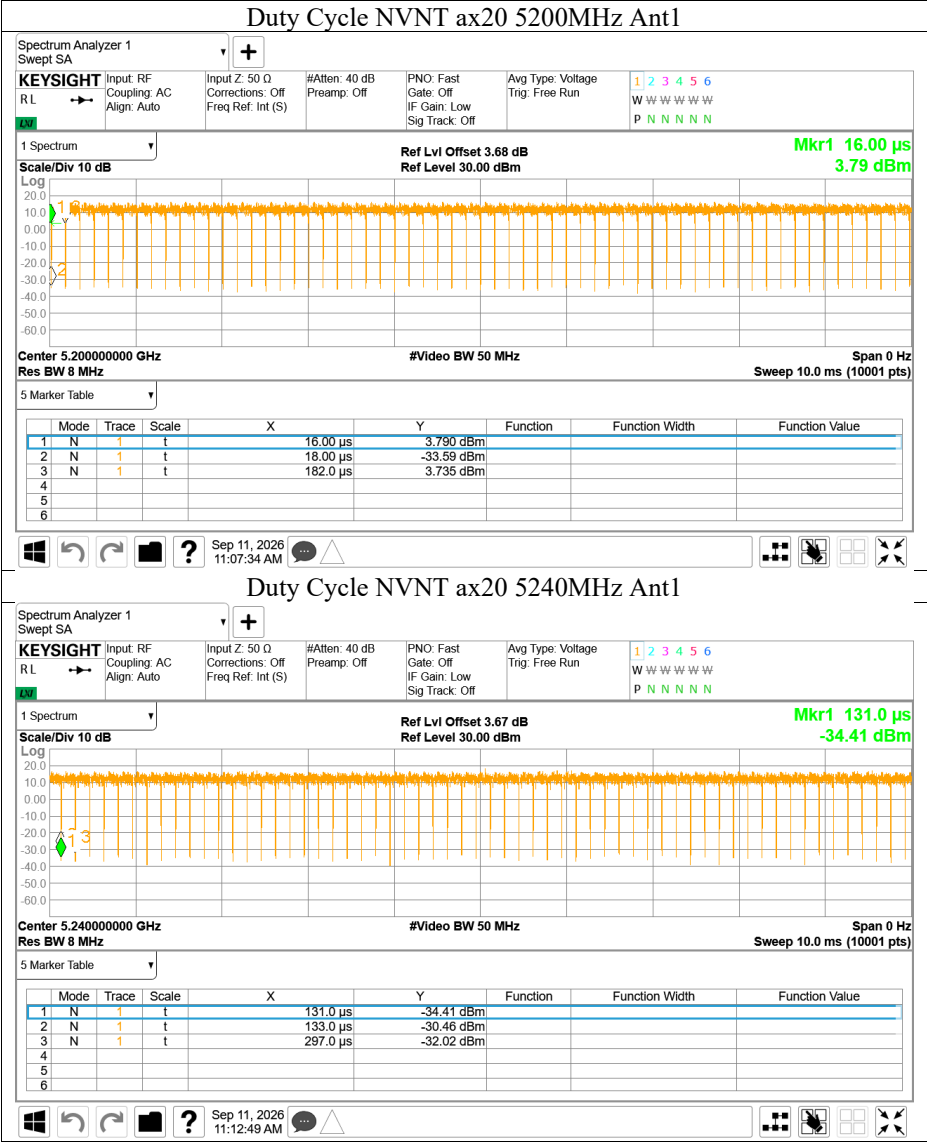
Frequency Band	Condition	Mode	Frequency (MHz)	Antenna	Duty Cycle (%)	Correction Factor (dB)	1/T (kHz)
U-NII-1	NVNT	a	5180	Ant1	99.86	0	0.71
	NVNT	a	5200	Ant1	99.79	0	0.71
	NVNT	a	5240	Ant1	99.79	0	0.71
	NVNT	n20	5180	Ant1	98.84	0	5.88
	NVNT	n20	5200	Ant1	98.84	0	5.85
	NVNT	n20	5240	Ant1	98.84	0	5.85
	NVNT	n40	5190	Ant1	98.15	0	9.43
	NVNT	n40	5230	Ant1	98.13	0	9.52
	NVNT	ac20	5180	Ant1	99.56	0	1.47
	NVNT	ac20	5200	Ant1	99.41	0	1.47
	NVNT	ac20	5240	Ant1	99.71	0	1.48
	NVNT	ax20	5180	Ant1	98.81	0	6.02
	NVNT	ax20	5200	Ant1	98.8	0	6.1
	NVNT	ax20	5240	Ant1	98.8	0	6.1



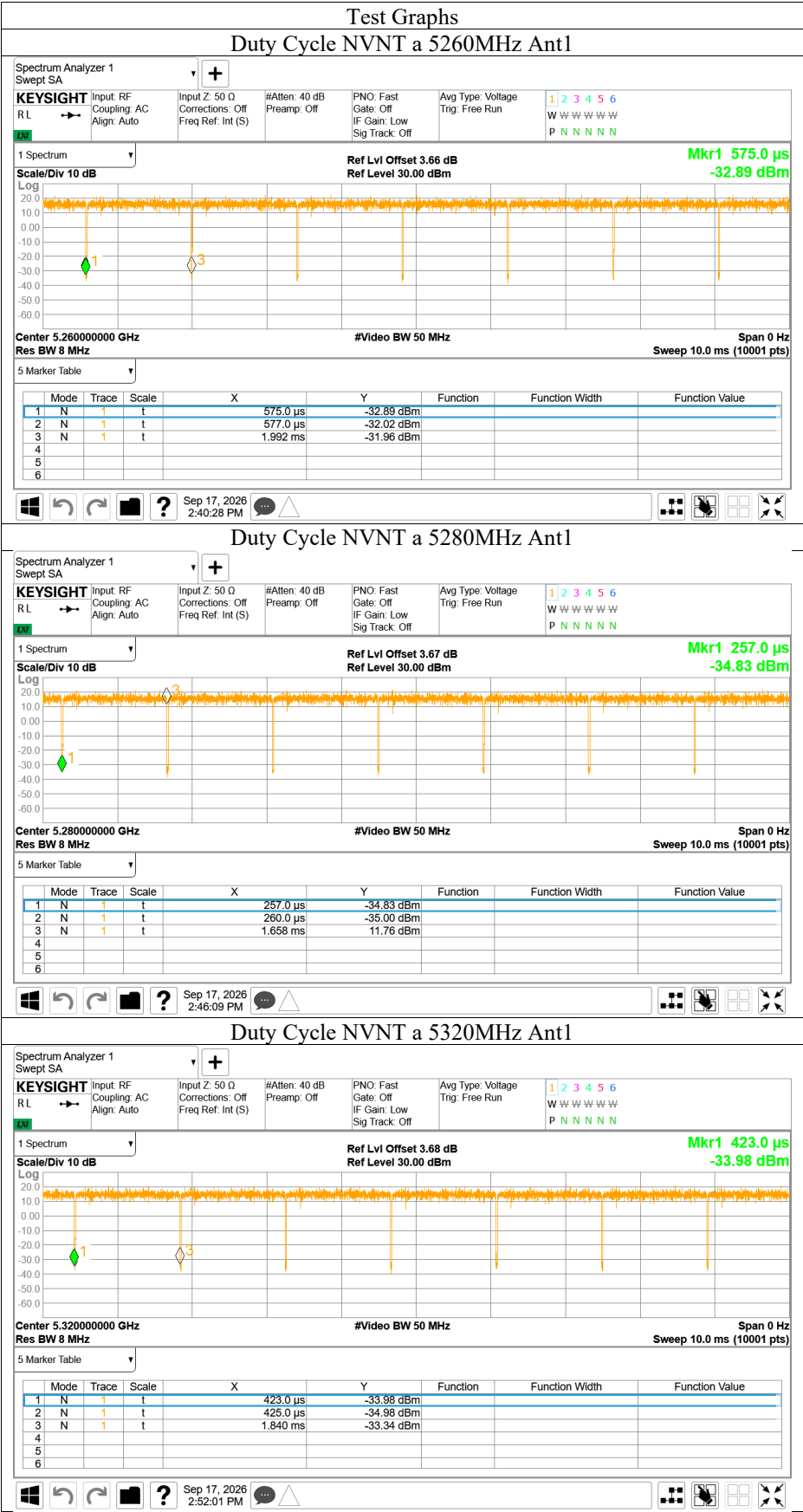


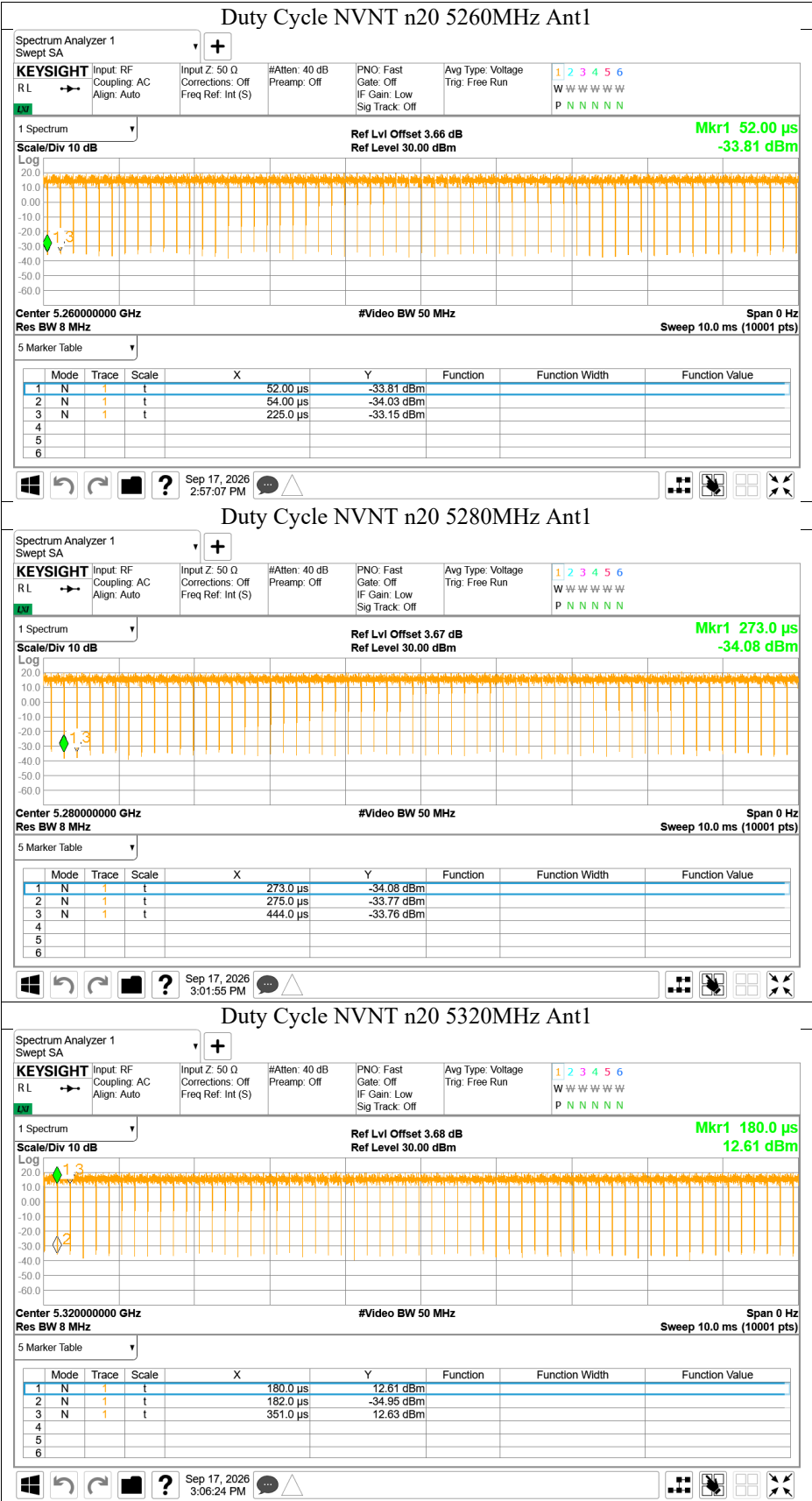


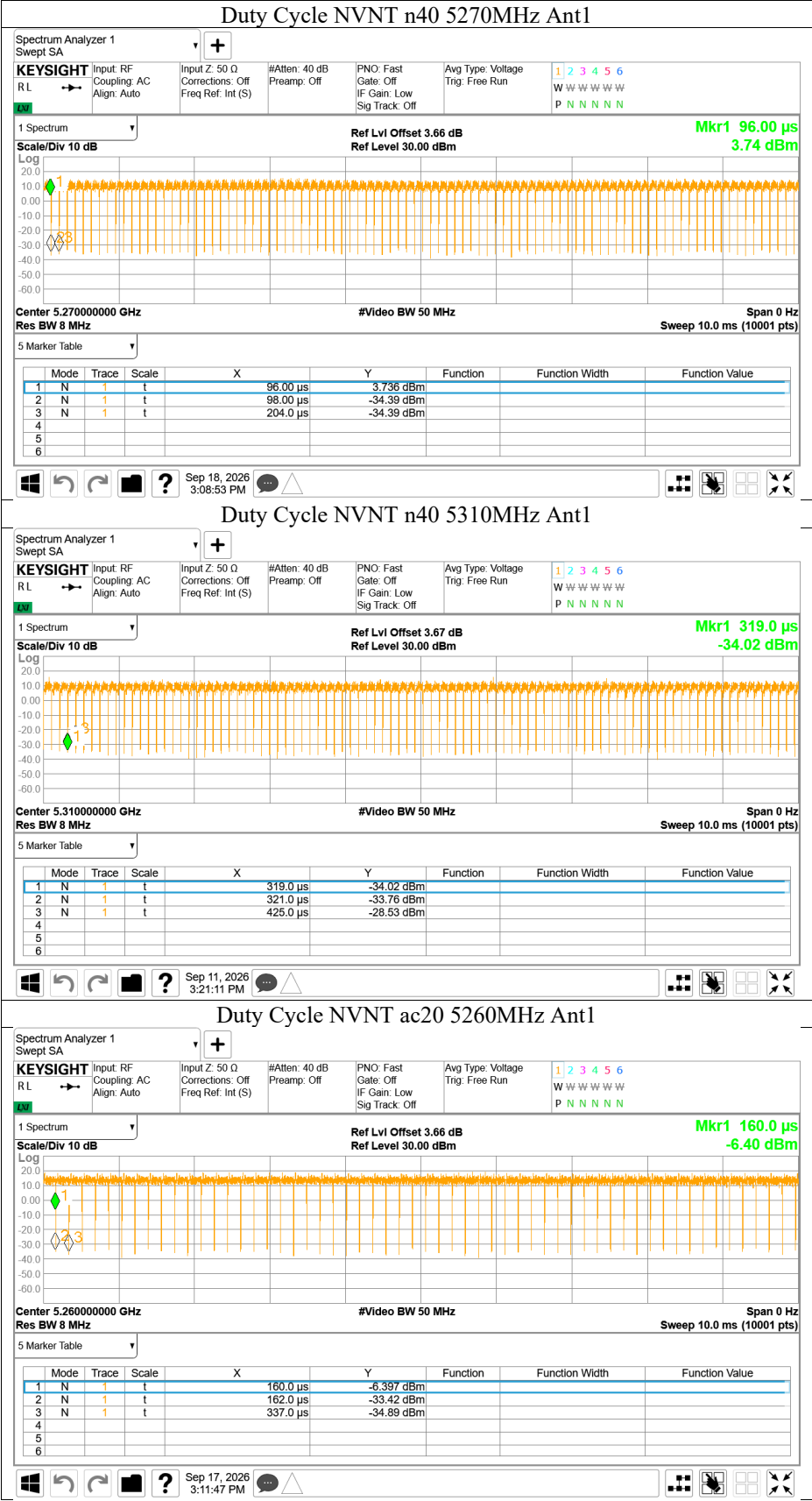


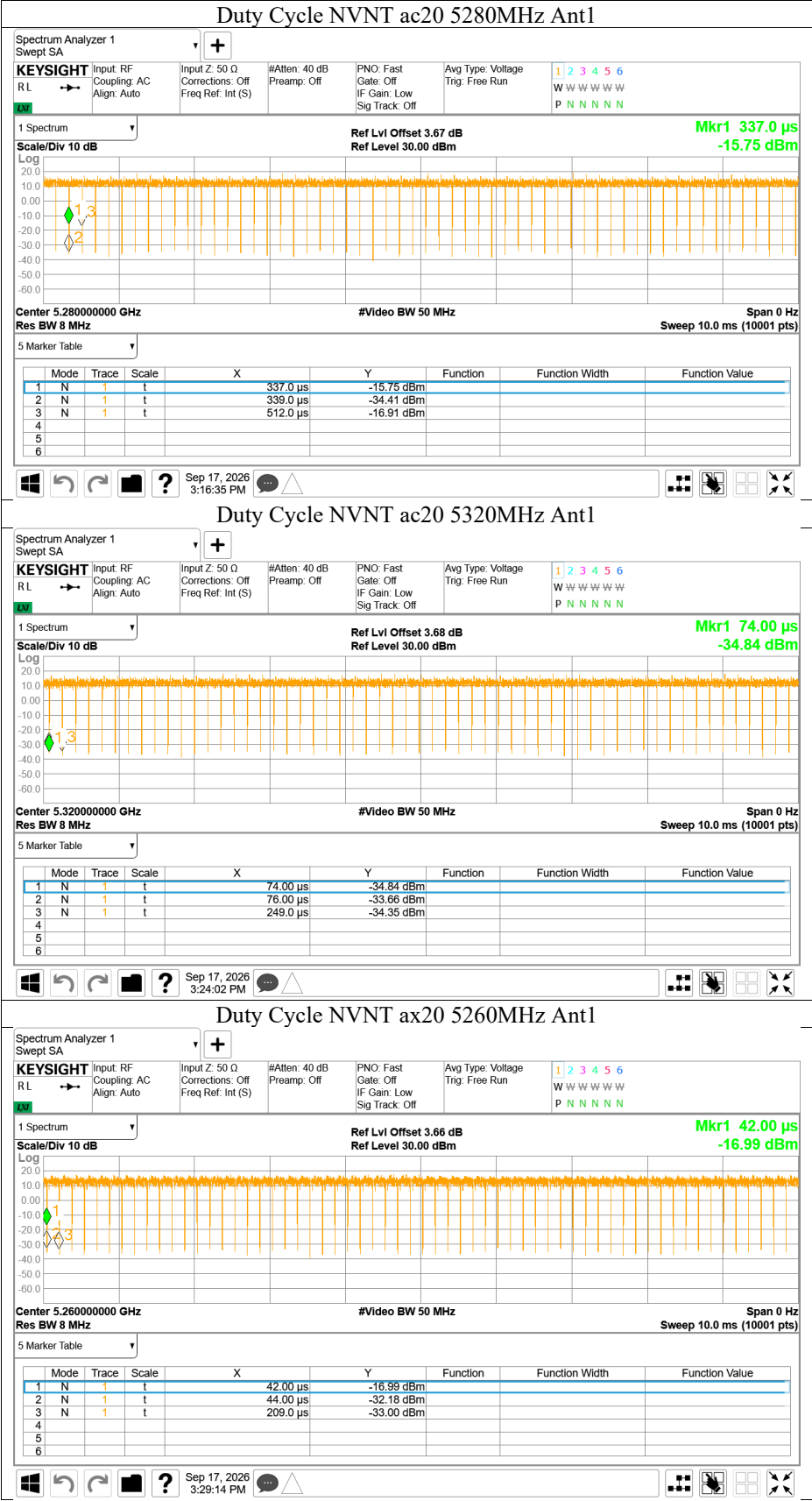


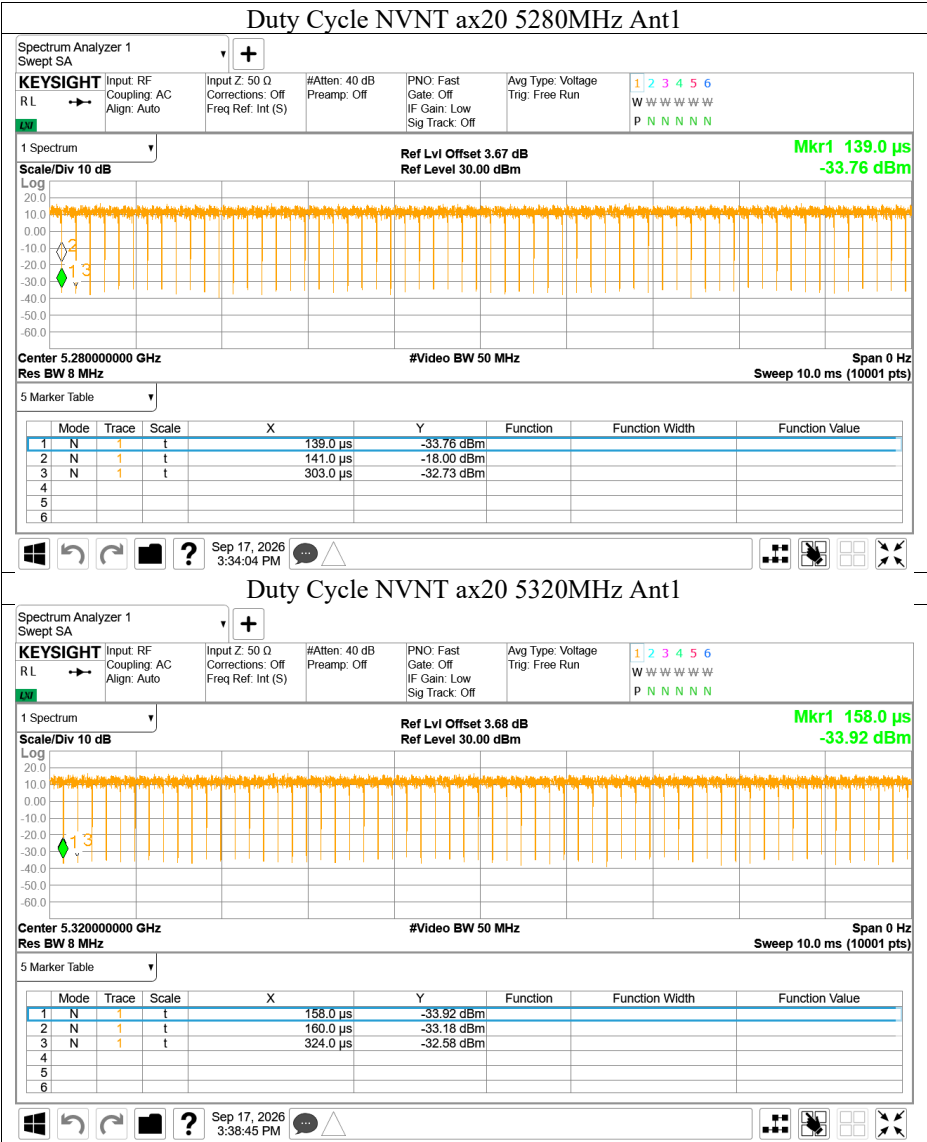
Frequency Band	Condition	Mode	Frequency (MHz)	Antenna	Duty Cycle (%)	Correction Factor (dB)	1/T (kHz)
U-NII-2A	NVNT	a	5260	Ant1	99.86	0	0.71
	NVNT	a	5280	Ant1	99.79	0	0.72
	NVNT	a	5320	Ant1	99.86	0	0.71
	NVNT	n20	5260	Ant1	98.84	0	5.85
	NVNT	n20	5280	Ant1	98.83	0	5.92
	NVNT	n20	5320	Ant1	98.83	0	5.92
	NVNT	n40	5270	Ant1	98.15	0	9.43
	NVNT	n40	5310	Ant1	98.11	0	9.62
	NVNT	ac20	5260	Ant1	98.87	0	5.71
	NVNT	ac20	5280	Ant1	98.86	0	5.78
	NVNT	ac20	5320	Ant1	98.86	0	5.78
	NVNT	ax20	5260	Ant1	98.8	0	6.06
	NVNT	ax20	5280	Ant1	98.78	0	6.17
	NVNT	ax20	5320	Ant1	98.8	0	6.1



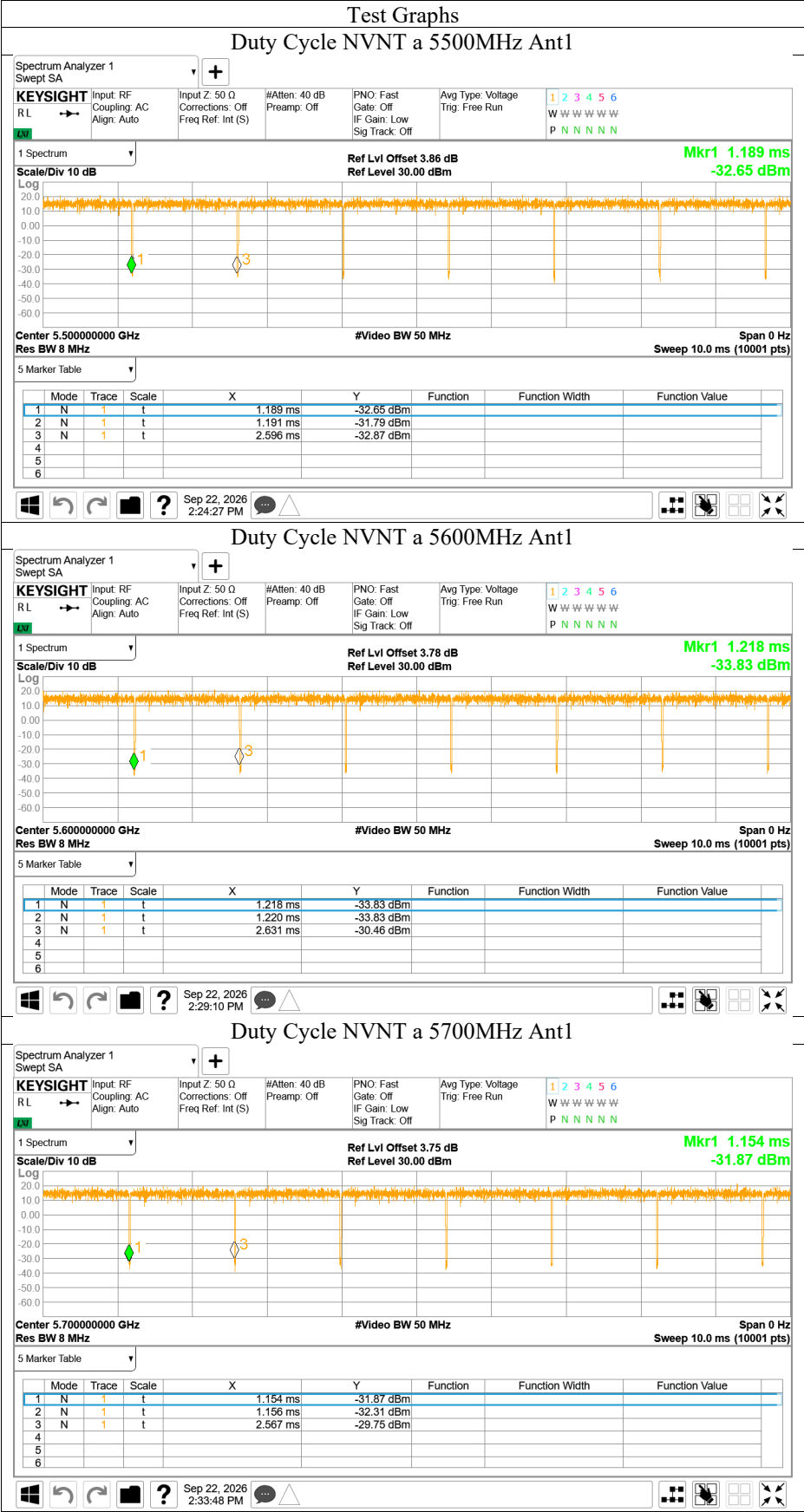


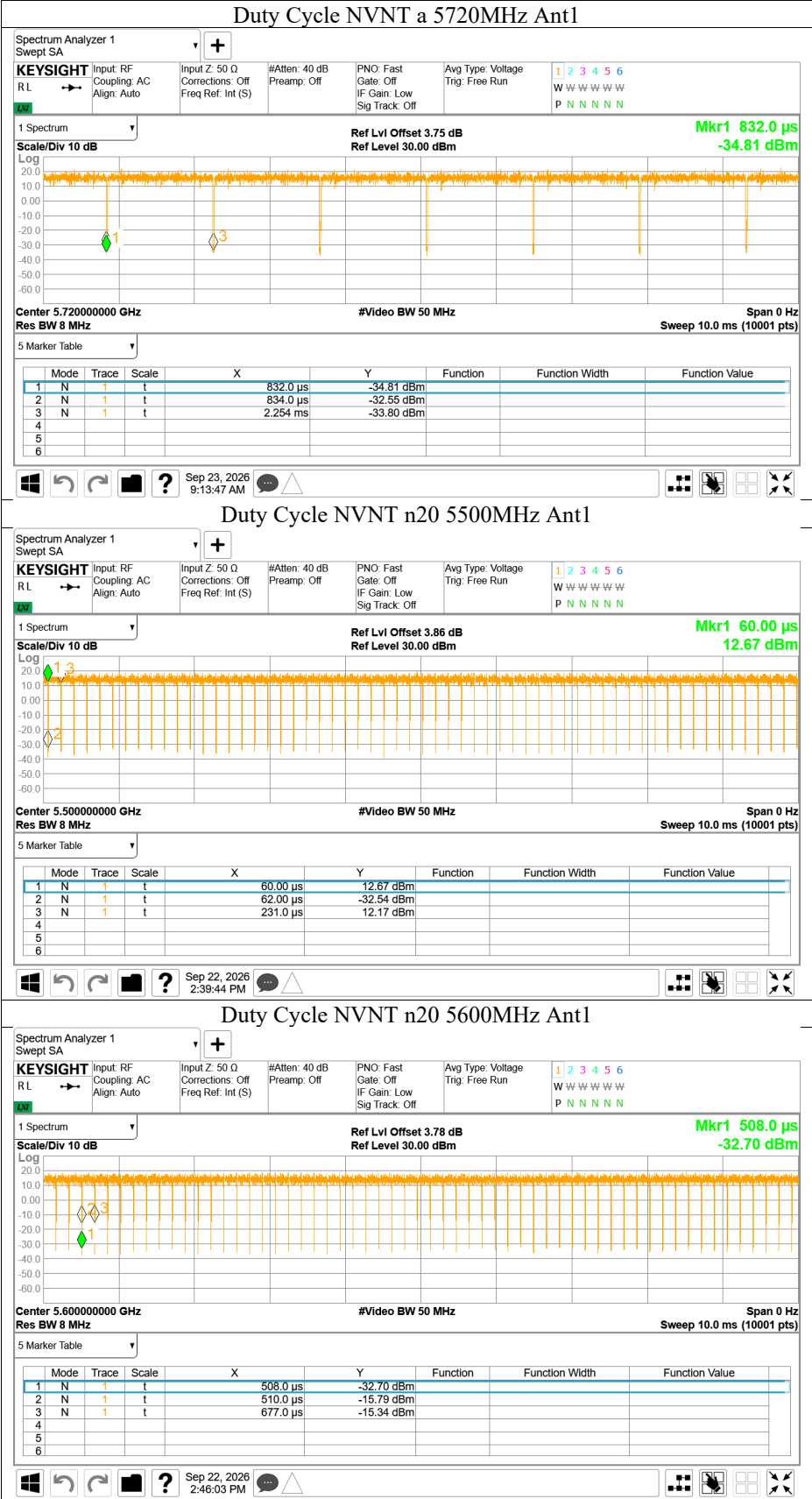


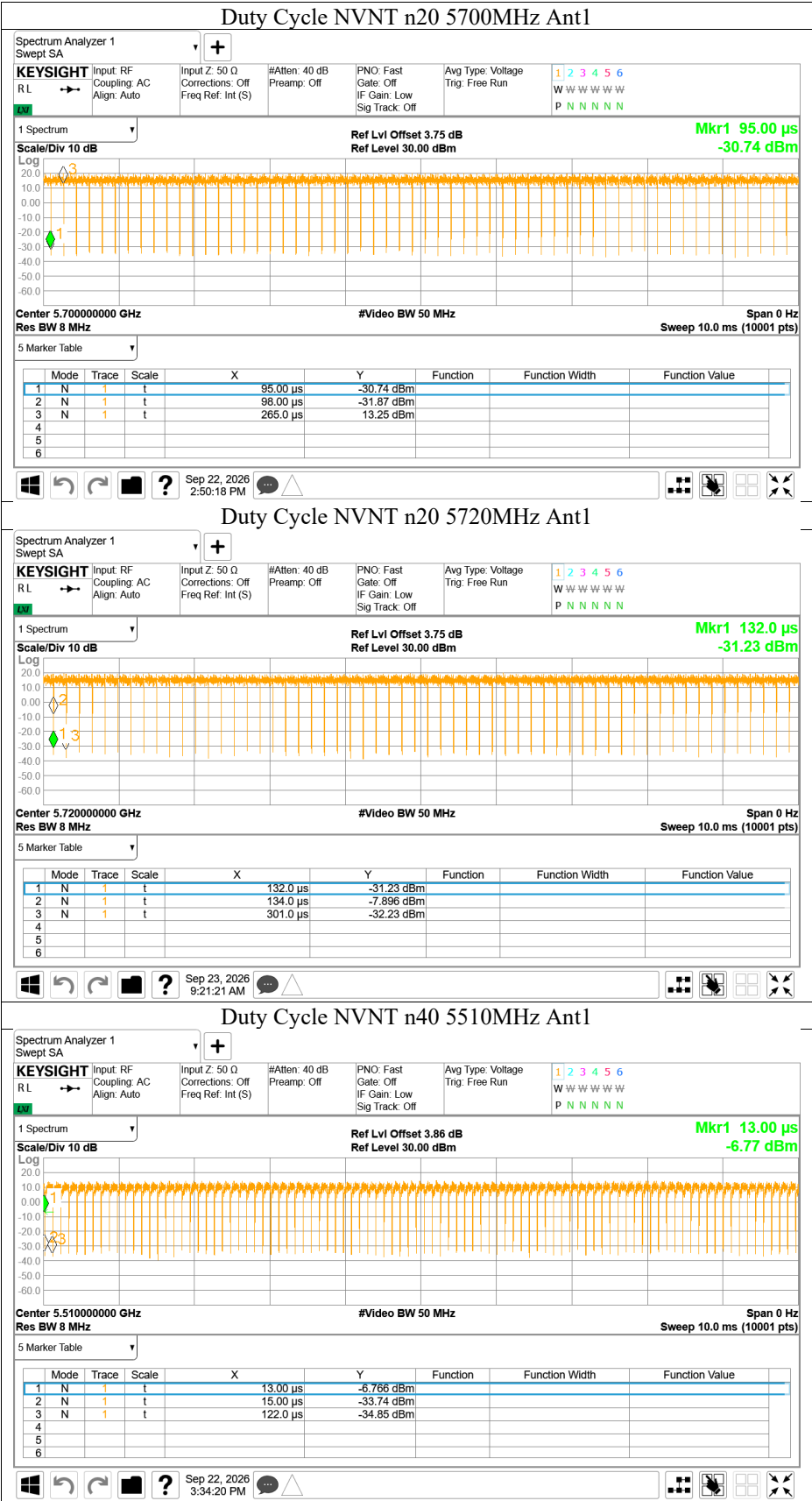


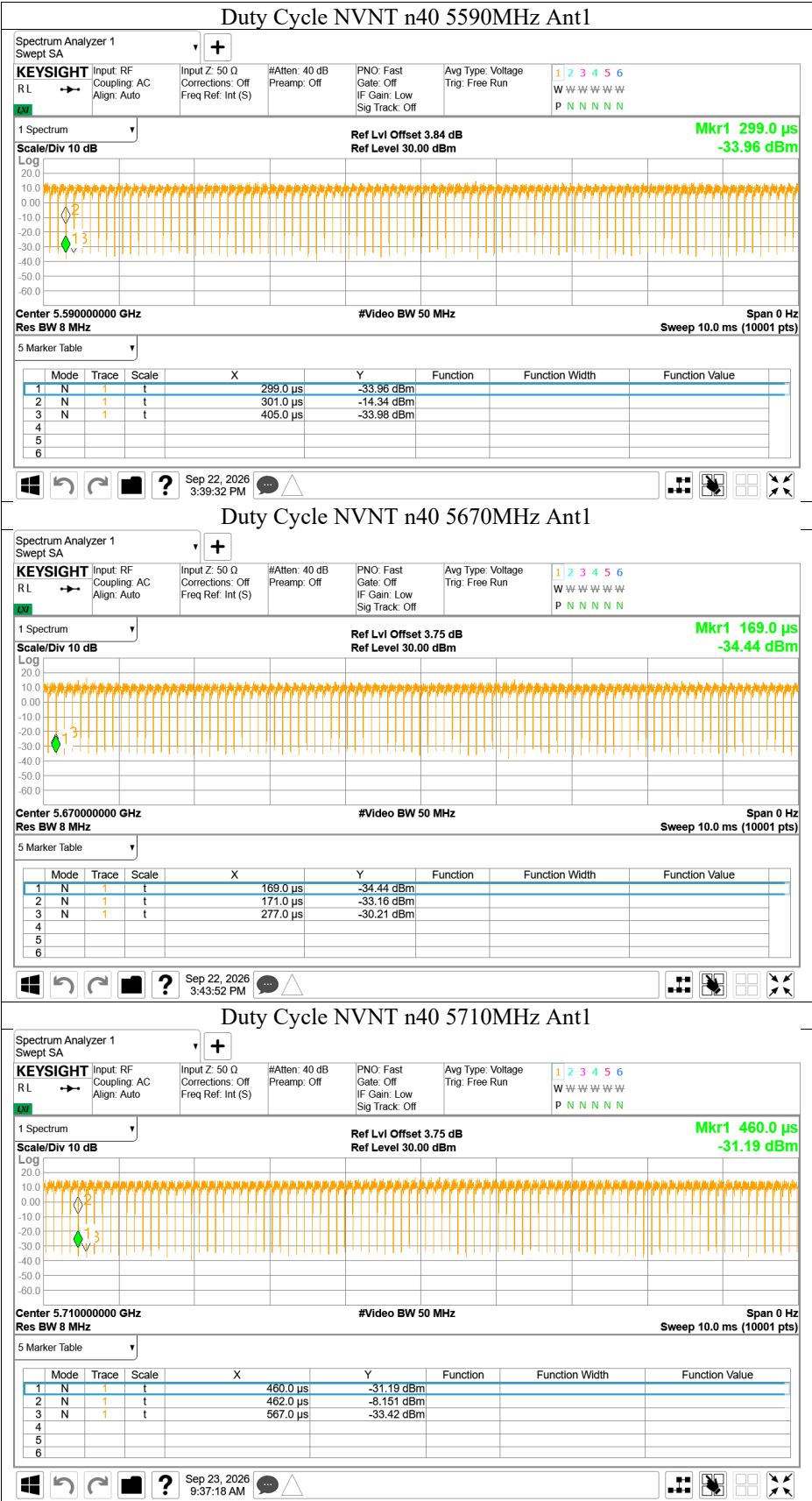


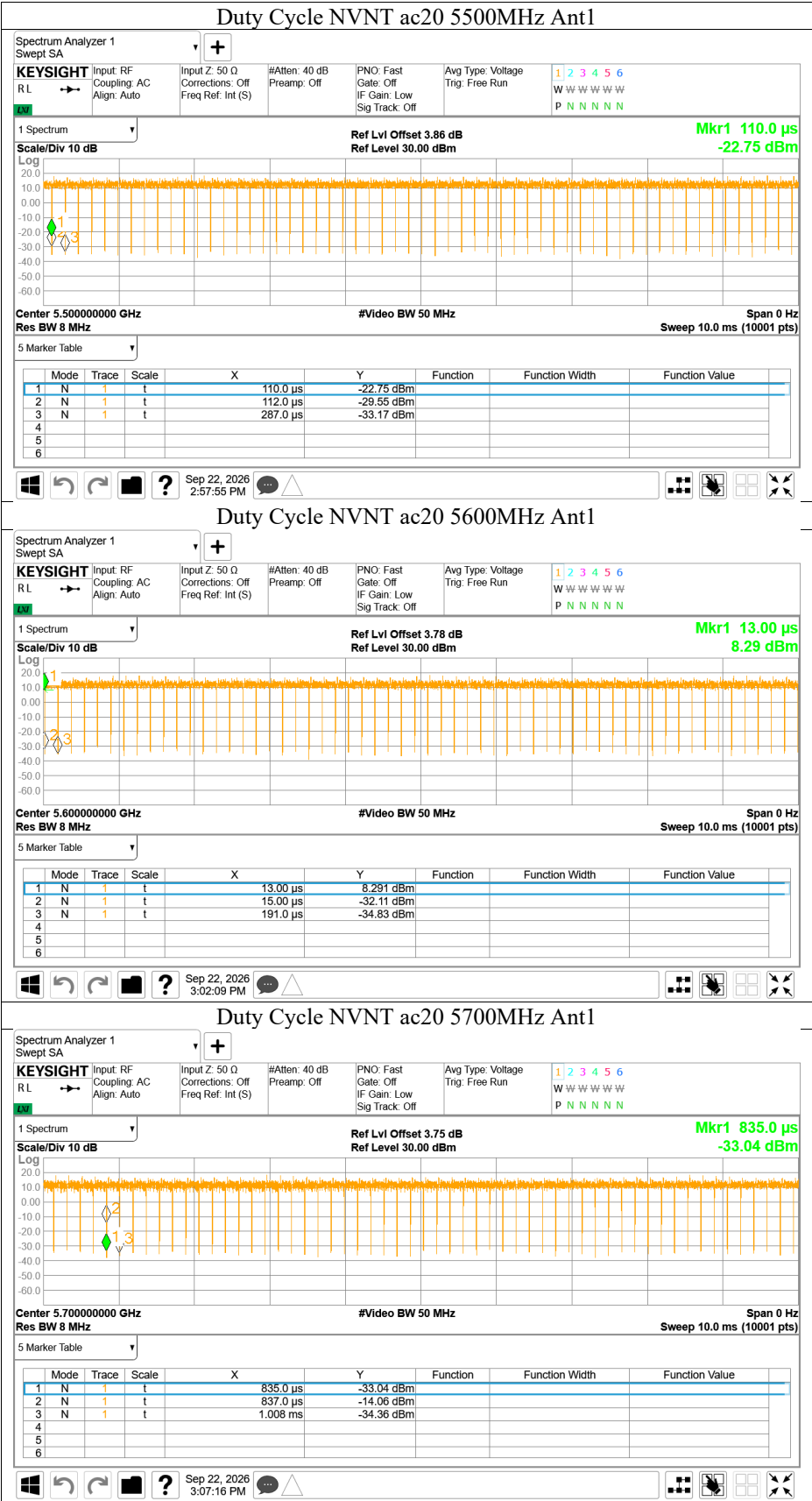
Frequency Band	Condition	Mode	Frequency (MHz)	Antenna	Duty Cycle (%)	Correction Factor (dB)	1/T (kHz)
U-NII-2C	NVNT	a	5500	Ant1	99.86	0	0.71
	NVNT	a	5600	Ant1	99.86	0	0.71
	NVNT	a	5700	Ant1	99.86	0	0.71
	NVNT	a	5720	Ant1	99.86	0	0.7
	NVNT	n20	5500	Ant1	98.83	0	5.92
	NVNT	n20	5600	Ant1	98.82	0	5.99
	NVNT	n20	5700	Ant1	98.24	0	5.99
	NVNT	n20	5720	Ant1	98.82	0	5.99
	NVNT	n40	5510	Ant1	98.17	0	9.35
	NVNT	n40	5590	Ant1	98.11	0	9.62
	NVNT	n40	5670	Ant1	98.15	0	9.43
	NVNT	n40	5710	Ant1	98.13	0	9.52
	NVNT	ac20	5500	Ant1	98.87	0	5.71
	NVNT	ac20	5600	Ant1	98.88	0	5.68
	NVNT	ac20	5700	Ant1	98.84	0	5.85
	NVNT	ac20	5720	Ant1	98.85	0	5.81
	NVNT	ax20	5500	Ant1	98.79	0	6.13
	NVNT	ax20	5600	Ant1	98.8	0	6.1
	NVNT	ax20	5700	Ant1	98.78	0	6.17
	NVNT	ax20	5720	Ant1	98.8	0	6.1

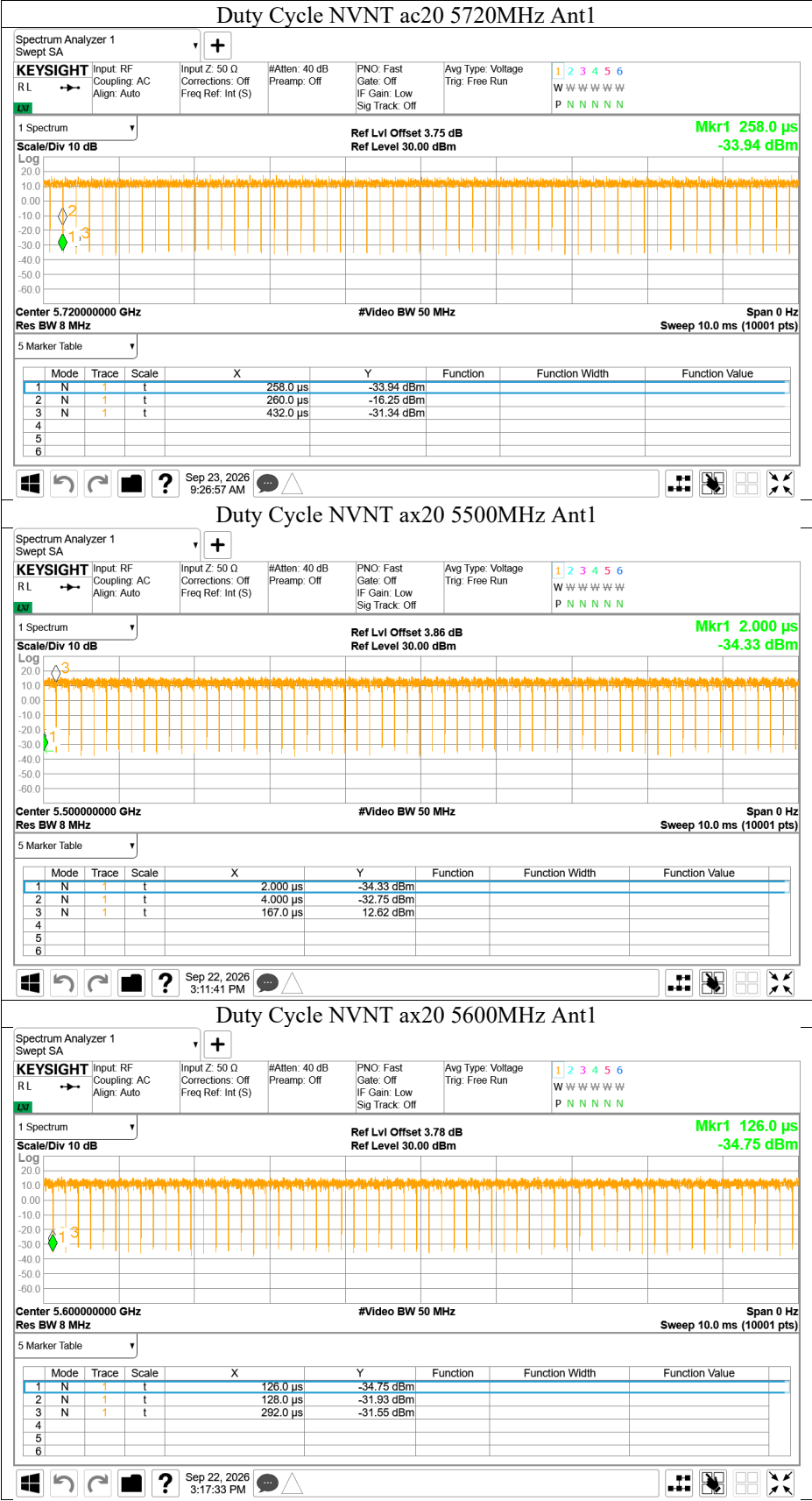


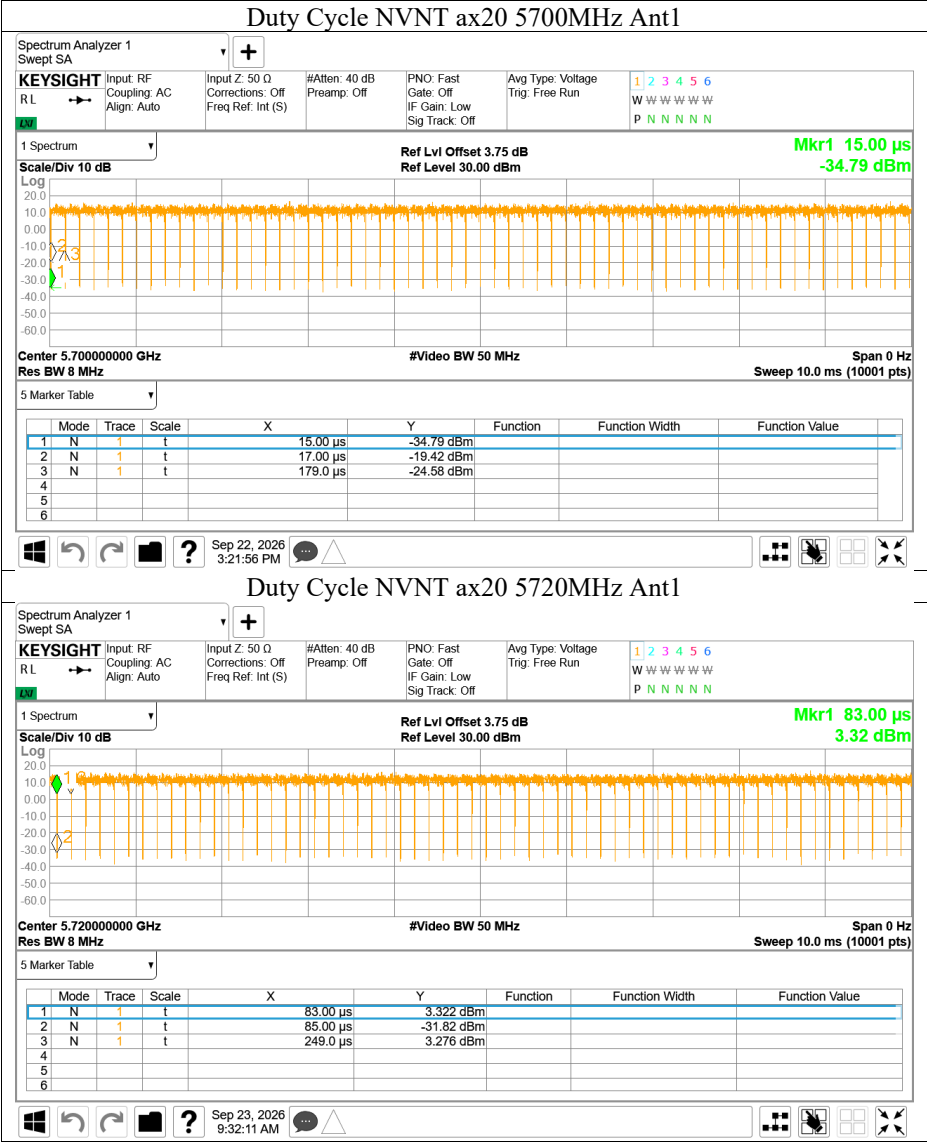




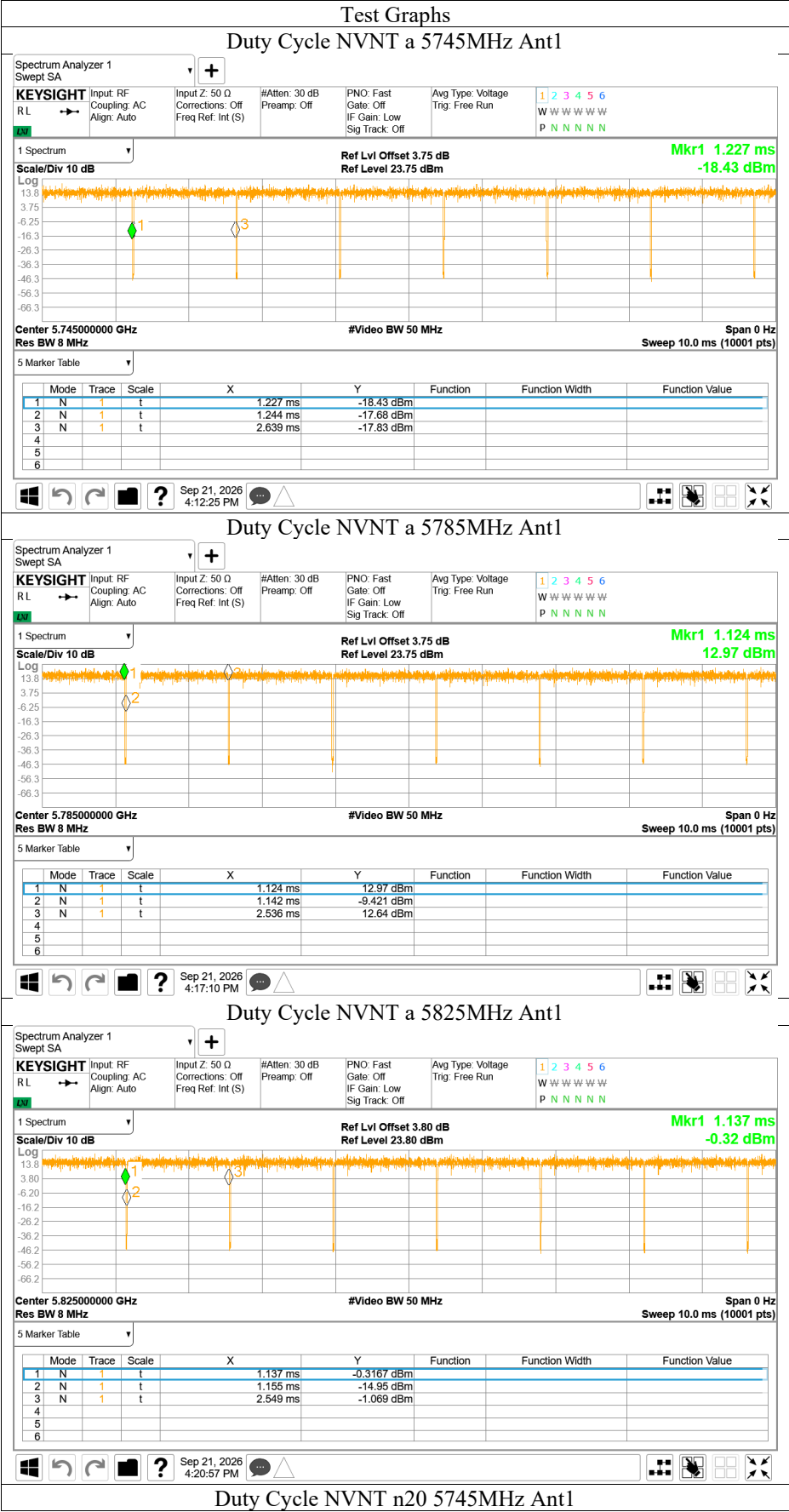


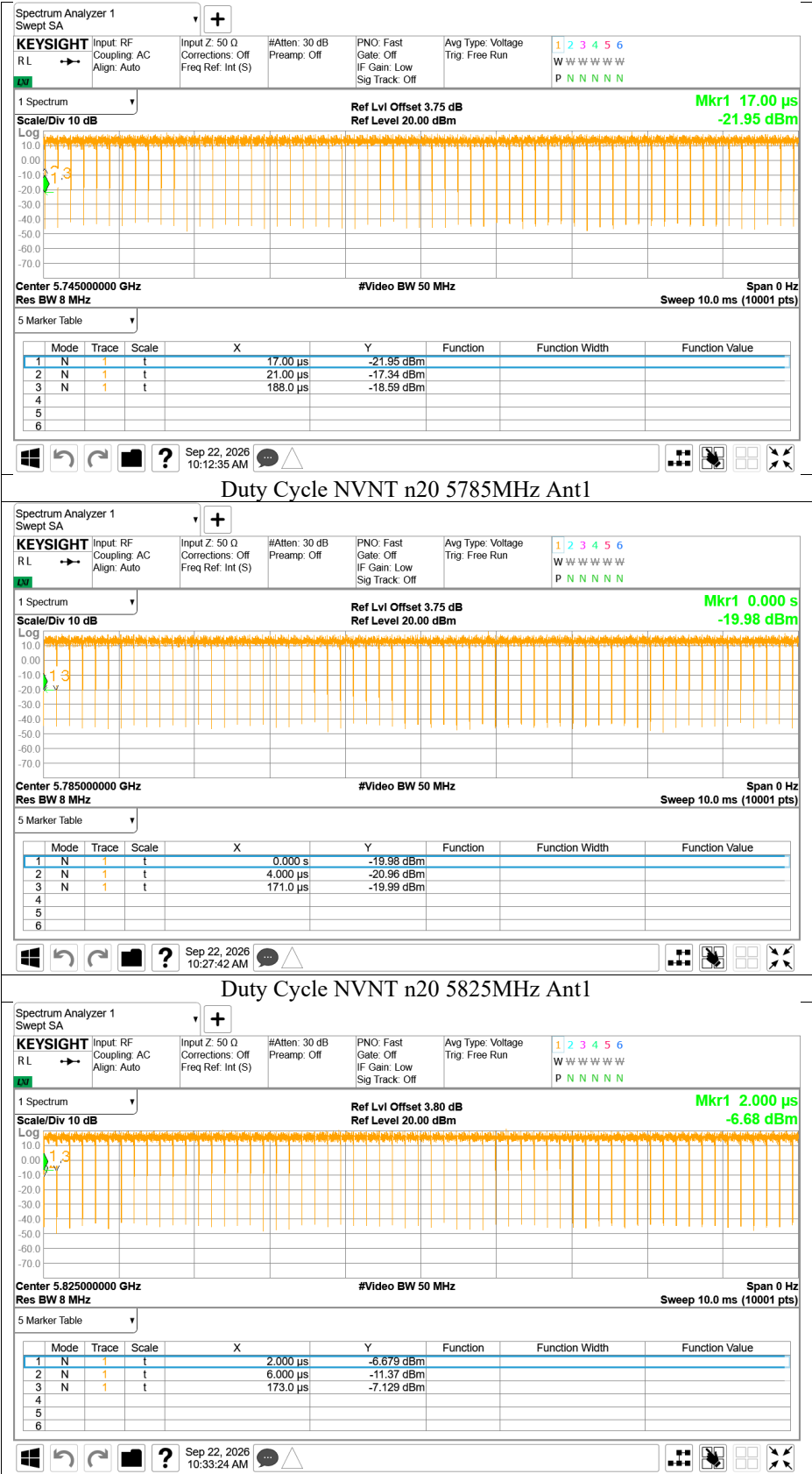


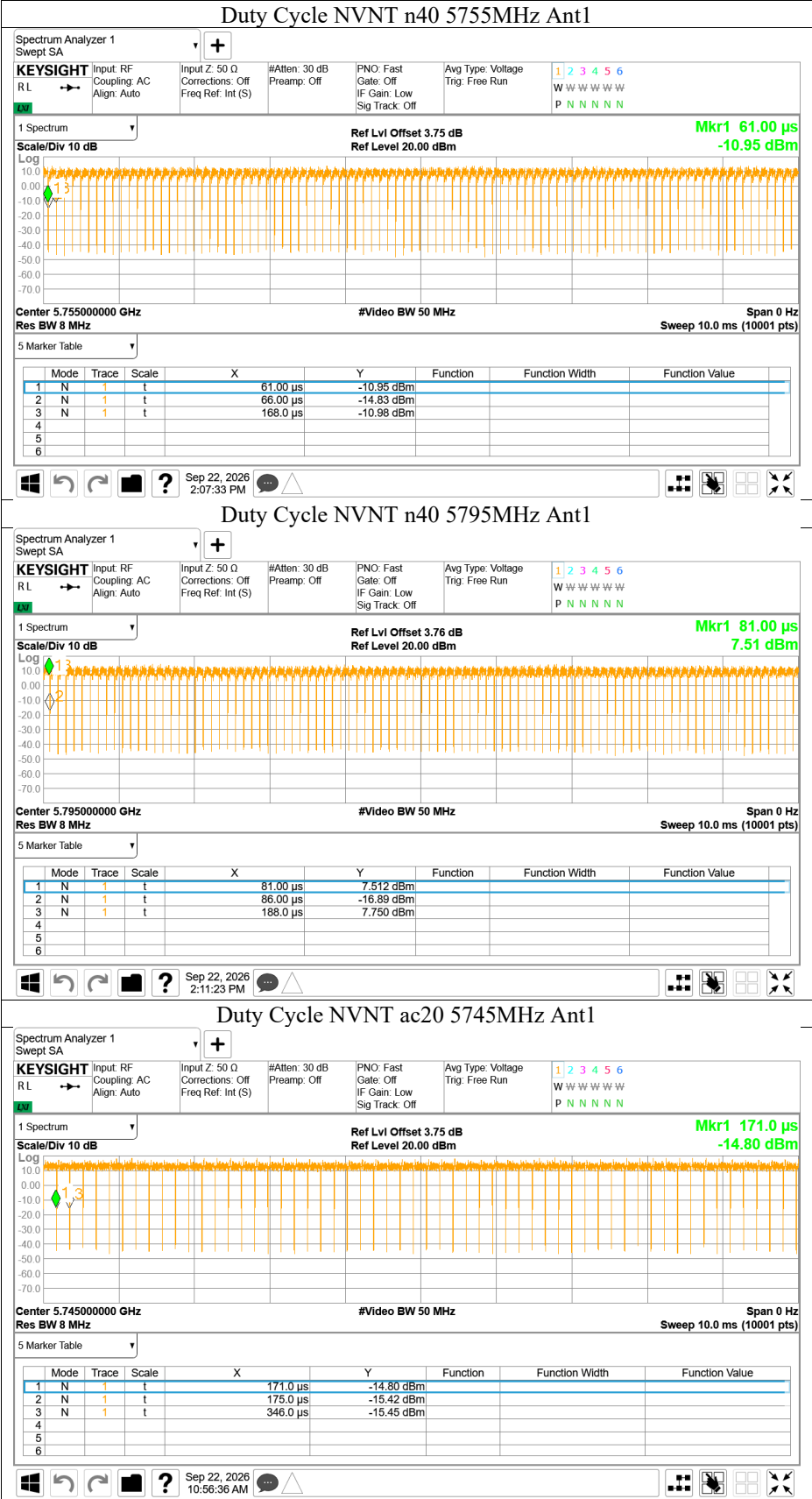


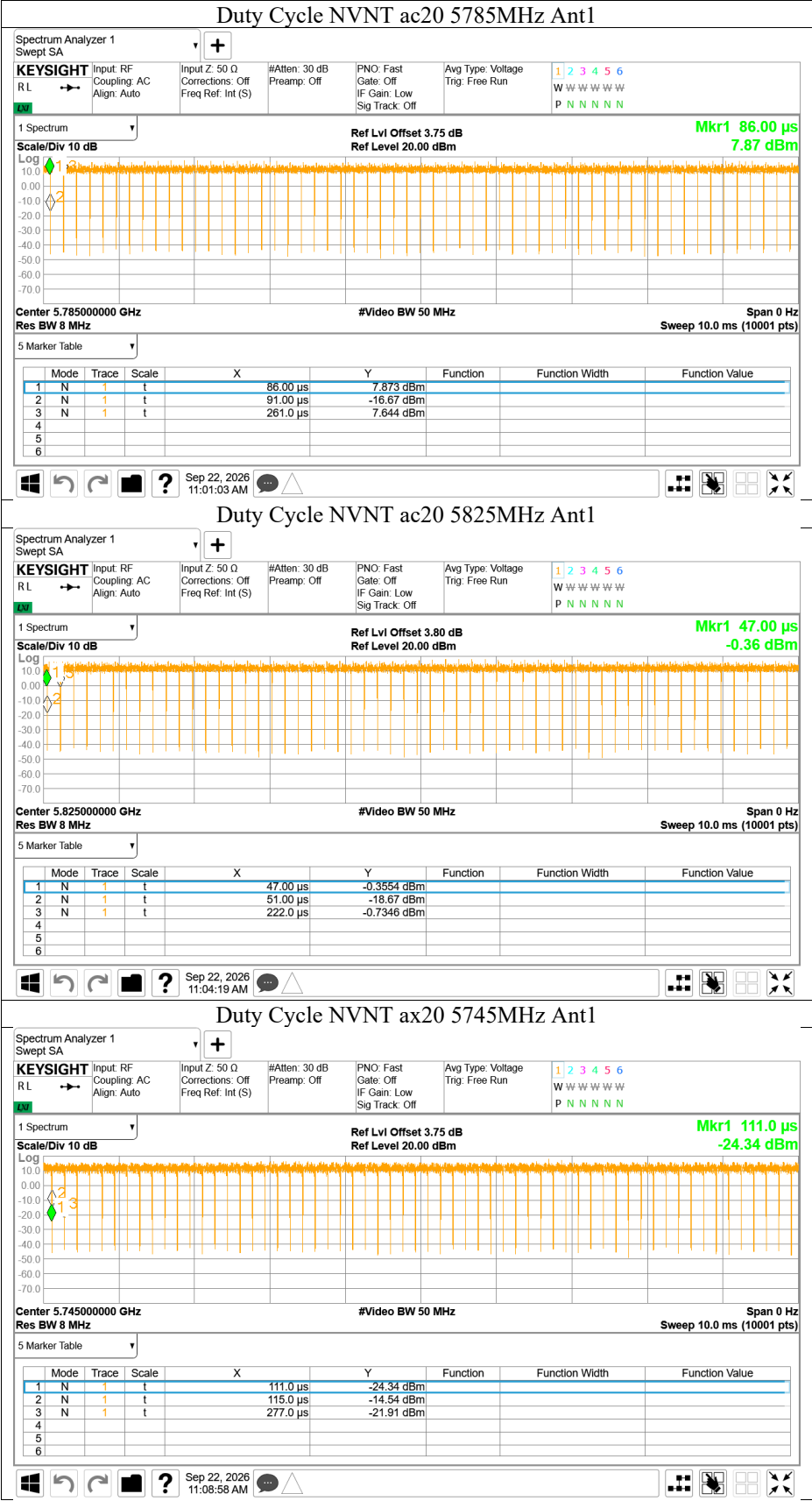


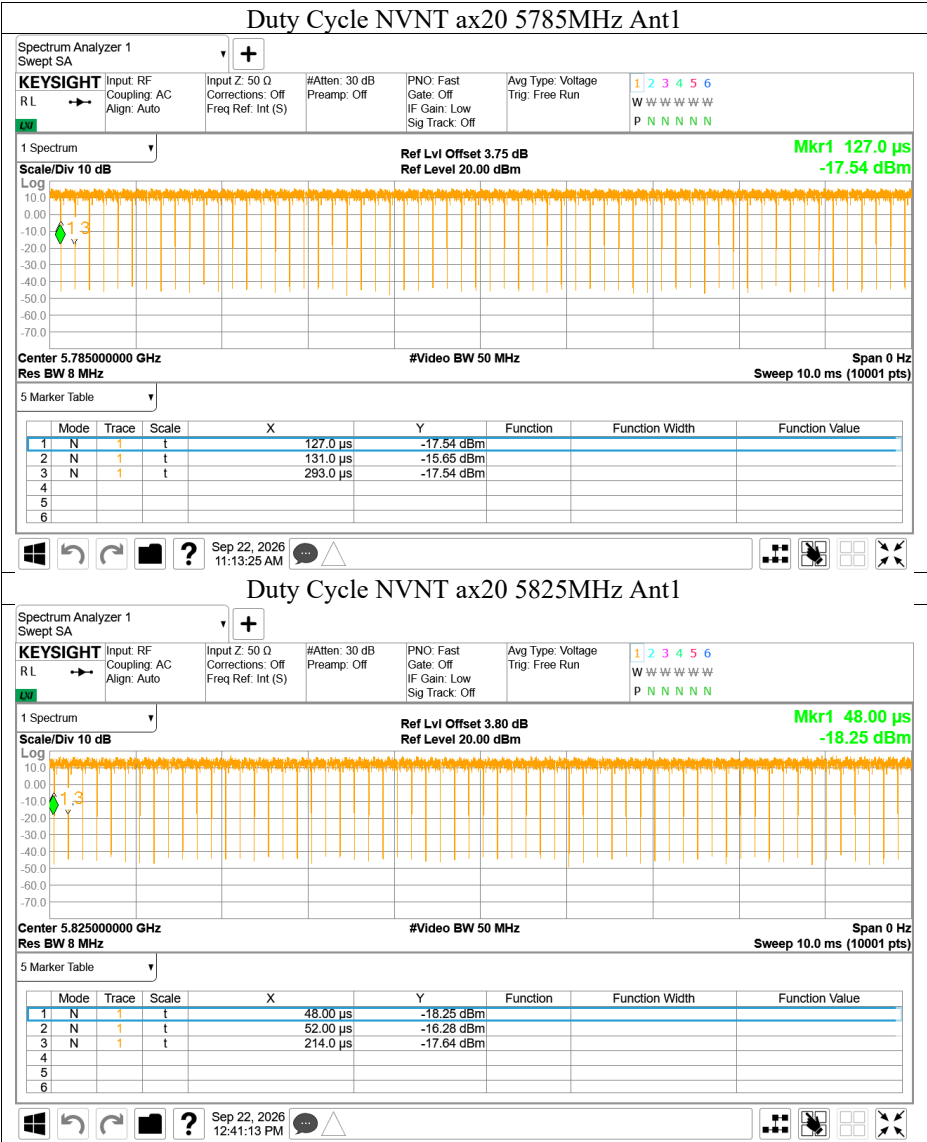
Frequency Band	Condition	Mode	Frequency (MHz)	Antenna	Duty Cycle (%)	Correction Factor (dB)	1/T (kHz)
U-NII-3	NVNT	a	5745	Ant1	98.8	0	0.72
	NVNT	a	5785	Ant1	98.73	0	0.72
	NVNT	a	5825	Ant1	98.73	0	0.72
	NVNT	n20	5745	Ant1	97.66	0.1	5.99
	NVNT	n20	5785	Ant1	97.66	0.1	5.99
	NVNT	n20	5825	Ant1	97.66	0.1	5.99
	NVNT	n40	5755	Ant1	95.33	0.21	9.8
	NVNT	n40	5795	Ant1	95.33	0.21	9.8
	NVNT	ac20	5745	Ant1	97.71	0.1	5.85
	NVNT	ac20	5785	Ant1	97.14	0.13	5.88
	NVNT	ac20	5825	Ant1	97.71	0.1	5.85
	NVNT	ax20	5745	Ant1	97.59	0.11	6.17
	NVNT	ax20	5785	Ant1	97.59	0.11	6.17
	NVNT	ax20	5825	Ant1	97.59	0.11	6.17





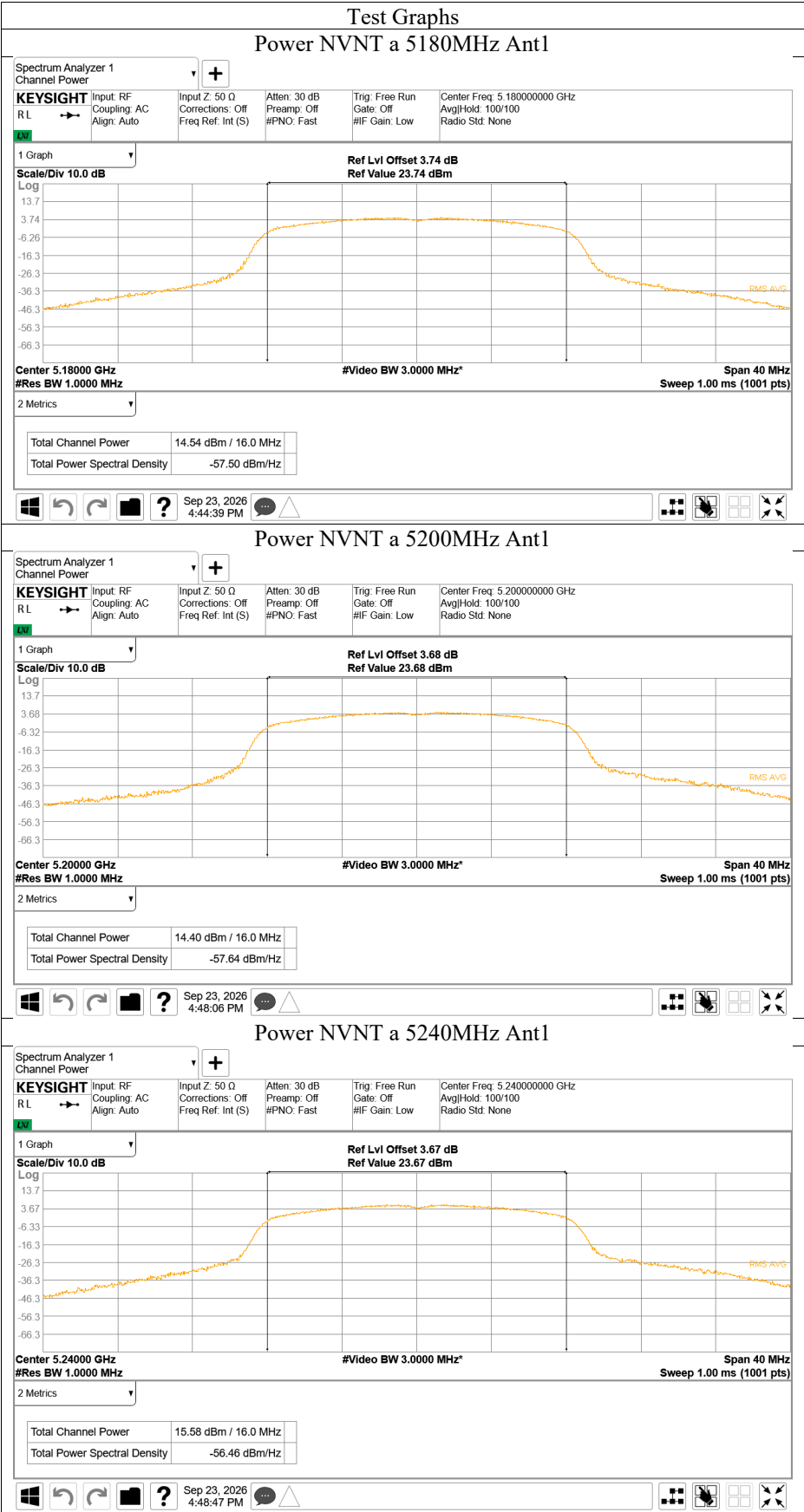


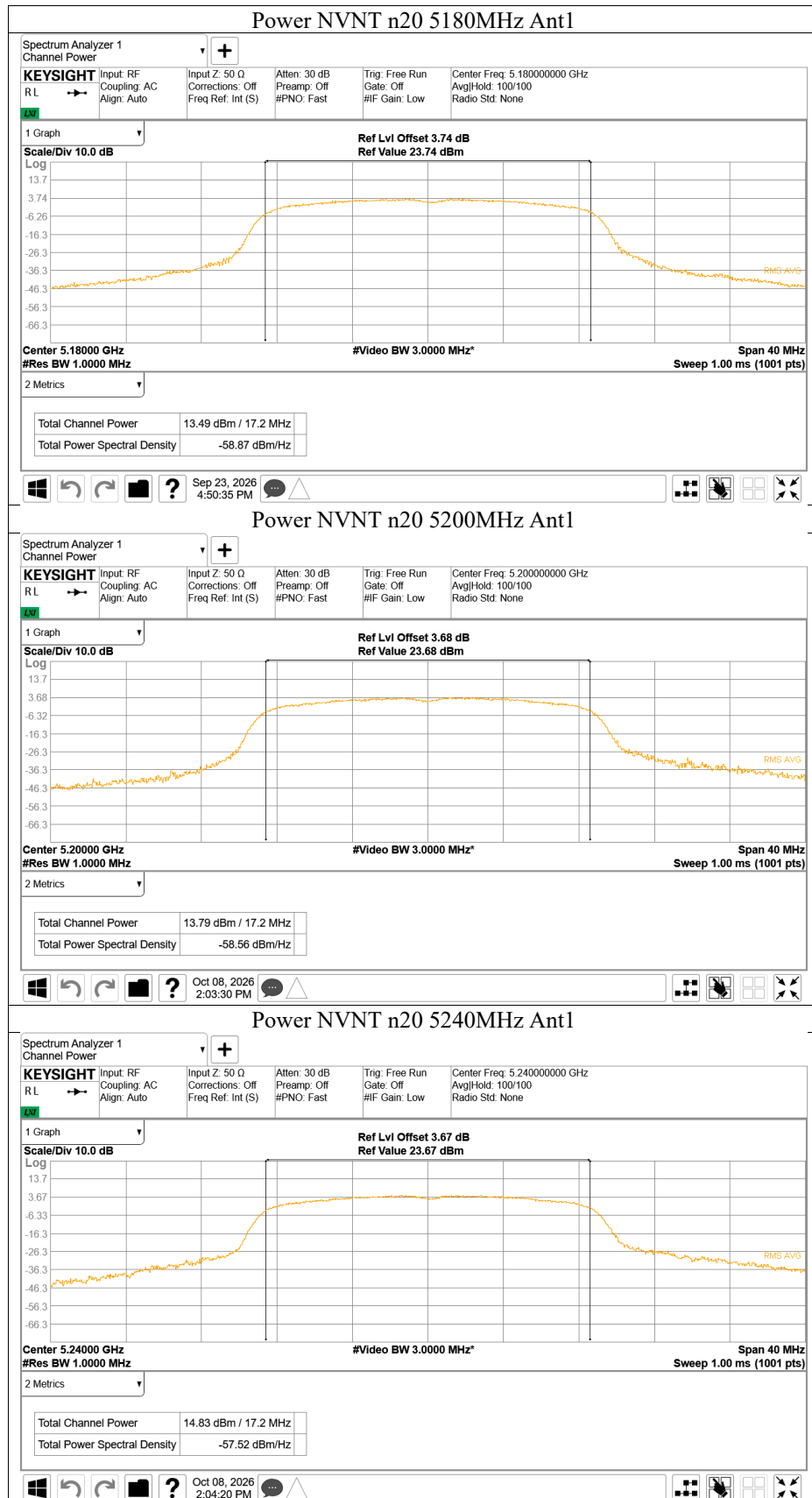


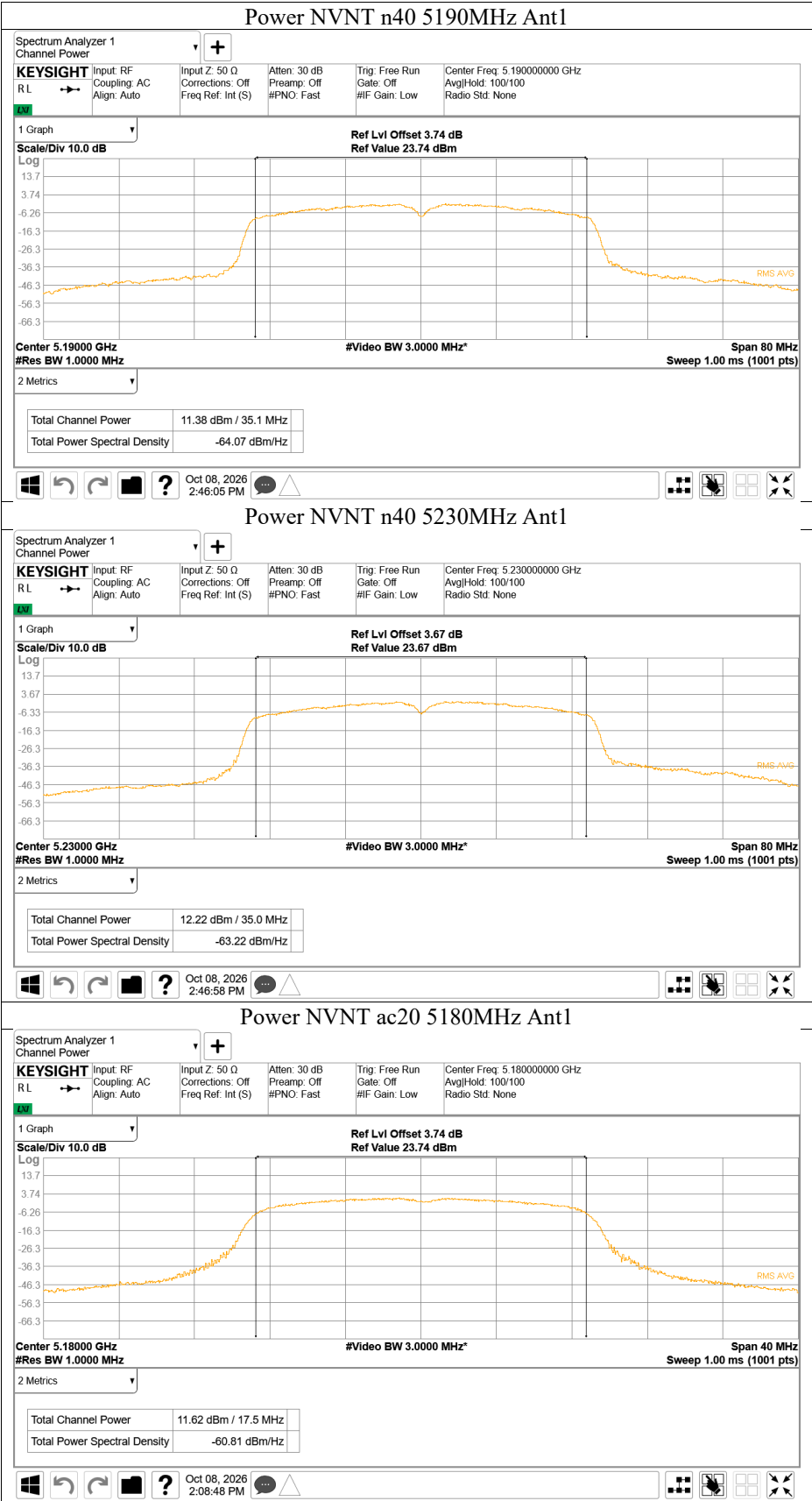


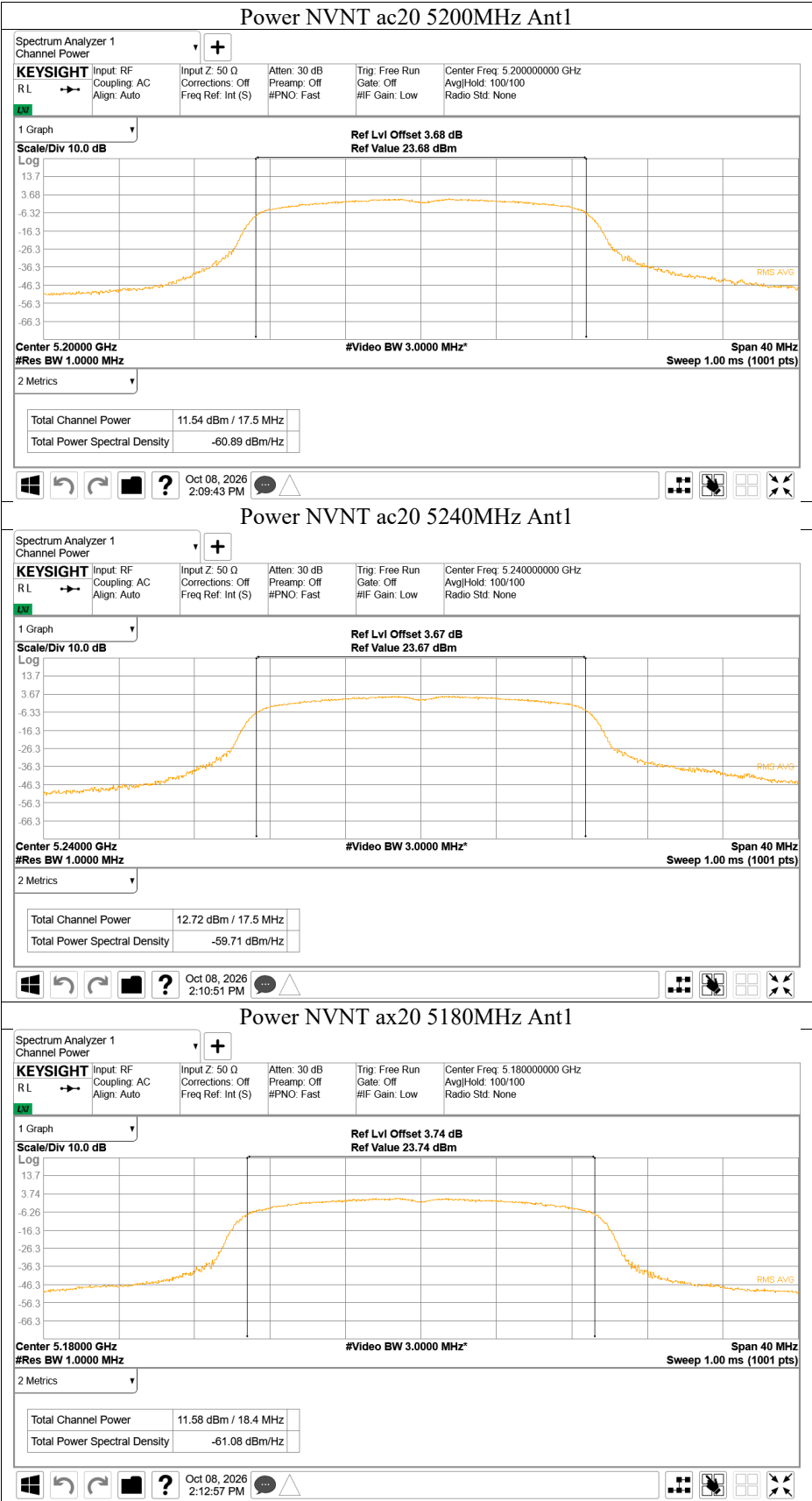
2 Maximum Conducted Output Power

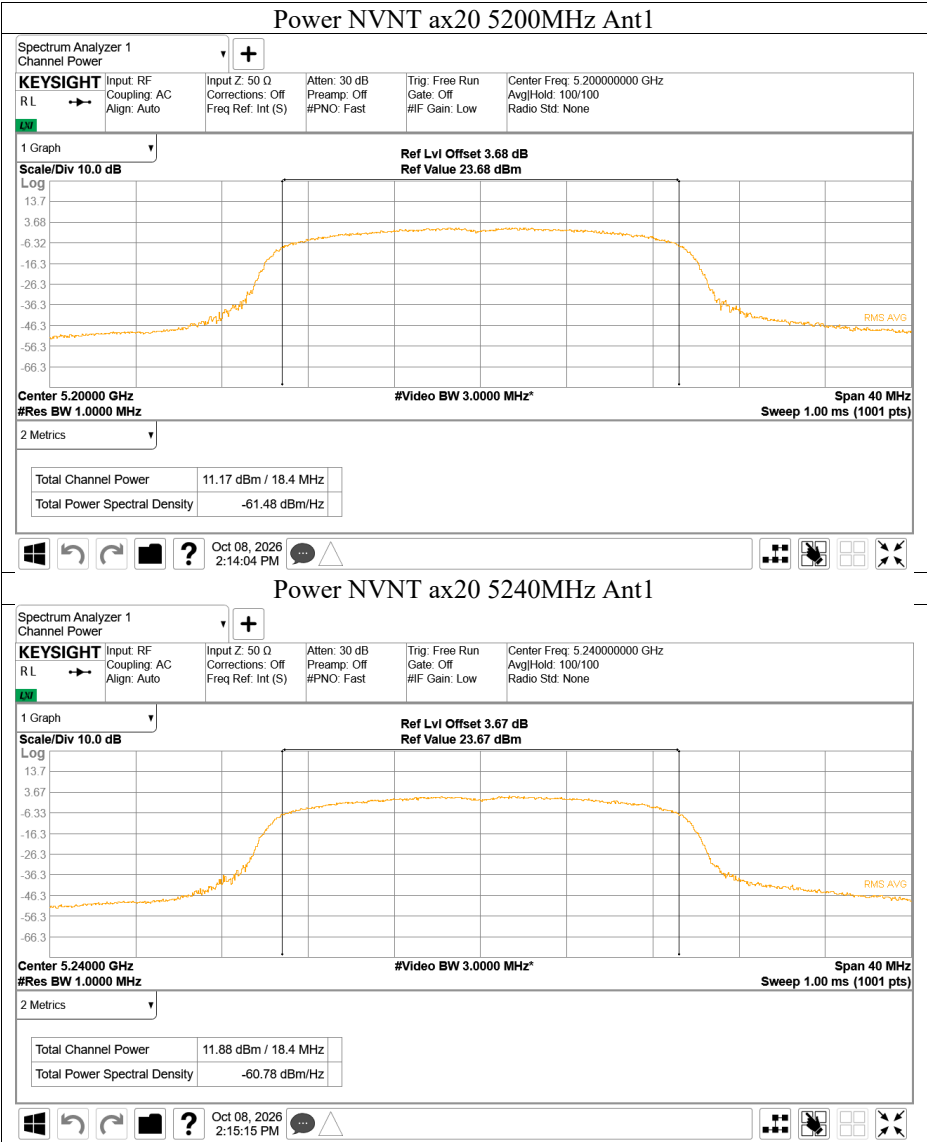
Condition	Mode	Frequency (MHz)	Antenna	Conducted Power (dBm)	Duty Factor (dB)	Total Power (dBm)	Limit (dBm)	Verdict
NVNT U-NII-1	a	5180	Ant1	14.54	0	14.54	24	Pass
	a	5200	Ant1	14.4	0	14.4	24	Pass
	a	5240	Ant1	15.58	0	15.58	24	Pass
	n20	5180	Ant1	13.49	0	13.49	24	Pass
	n20	5200	Ant1	13.79	0	13.79	24	Pass
	n20	5240	Ant1	14.83	0	14.83	24	Pass
	n40	5190	Ant1	11.38	0	11.38	24	Pass
	n40	5230	Ant1	12.22	0	12.22	24	Pass
	ac20	5180	Ant1	11.62	0	11.62	24	Pass
	ac20	5200	Ant1	11.54	0	11.54	24	Pass
	ac20	5240	Ant1	12.72	0	12.72	24	Pass
	ax20	5180	Ant1	11.58	0	11.58	24	Pass
	ax20	5200	Ant1	11.17	0	11.17	24	Pass
	ax20	5240	Ant1	11.88	0	11.88	24	Pass











Condition	Mode	Frequency (MHz)	Antenna	Conducted Power (dBm)	Duty Factor (dB)	Total Power (dBm)	Limit (dBm)	Verdict
NVNT U-NII-2A	a	5260	Ant1	15.85	0	15.85	23.58	Pass
	a	5280	Ant1	15.52	0	15.52	23.6	Pass
	a	5320	Ant1	15.7	0	15.7	23.57	Pass
	n20	5260	Ant1	14.95	0	14.95	23.83	Pass
	n20	5280	Ant1	14.18	0	14.18	23.84	Pass
	n20	5320	Ant1	14.76	0	14.76	23.83	Pass
	n40	5270	Ant1	12.85	0	12.85	24	Pass
	n40	5310	Ant1	11.44	0	11.44	24	Pass
	ac20	5260	Ant1	12.4	0	12.4	23.81	Pass
	ac20	5280	Ant1	12.14	0	12.14	23.83	Pass
	ac20	5320	Ant1	11.77	0	11.77	23.78	Pass
	ax20	5260	Ant1	11.54	0	11.54	23.99	Pass
	ax20	5280	Ant1	11.48	0	11.48	23.96	Pass
	ax20	5320	Ant1	11.82	0	11.82	24	Pass

