

9 Appendix for 15.407

1. Duty Cycle

1.1 Test Result

Test Mode	Channel Frequency (MHz)	TX Type	ANT No.	T_on (ms)	Period (ms)	Duty Cycle (%)	Duty Cycle Correction Factor (dB)
802.11a	5180	SISO	1	1.395	1.737	80.31	0.95
	5200	SISO	1	1.395	1.737	80.31	0.95
	5240	SISO	1	1.395	1.737	80.31	0.95
	5260	SISO	1	1.395	1.737	80.31	0.95
	5300	SISO	1	1.395	1.737	80.31	0.95
	5320	SISO	1	1.397	1.739	80.33	0.95
	5500	SISO	1	1.395	1.737	80.31	0.95
	5580	SISO	1	1.395	1.737	80.31	0.95
	5600	SISO	1	1.395	1.737	80.31	0.95
	5700	SISO	1	1.396	1.747	79.91	0.97
	5745	SISO	1	1.395	1.746	79.90	0.97
	5785	SISO	1	1.395	1.737	80.31	0.95
	5825	SISO	1	1.397	1.739	80.33	0.95
802.11n(HT20)	5180	MIMO	1	0.428	0.773	55.37	2.57
	5200	MIMO	1	0.428	0.773	55.37	2.57
	5240	MIMO	1	0.430	0.774	55.56	2.55
	5260	MIMO	1	0.430	0.792	54.29	2.65
	5300	MIMO	1	0.429	0.774	55.43	2.56
	5320	MIMO	1	0.429	0.773	55.50	2.56
	5500	MIMO	1	0.429	0.774	55.43	2.56
	5580	MIMO	1	0.429	0.774	55.43	2.56
	5600	MIMO	1	0.430	0.783	54.92	2.60
	5700	MIMO	1	0.429	0.773	55.50	2.56
	5745	MIMO	1	0.429	0.773	55.50	2.56
	5785	MIMO	1	0.429	0.773	55.50	2.56
	5825	MIMO	1	0.429	0.773	55.50	2.56
802.11n(HT40)	5190	MIMO	1	0.220	0.561	39.22	4.06
	5230	MIMO	1	0.219	0.551	39.75	4.01
	5270	MIMO	1	0.219	0.560	39.11	4.08
	5310	MIMO	1	0.219	0.551	39.75	4.01
	5510	MIMO	1	0.220	0.552	39.86	3.99
	5550	MIMO	1	0.219	0.552	39.67	4.02



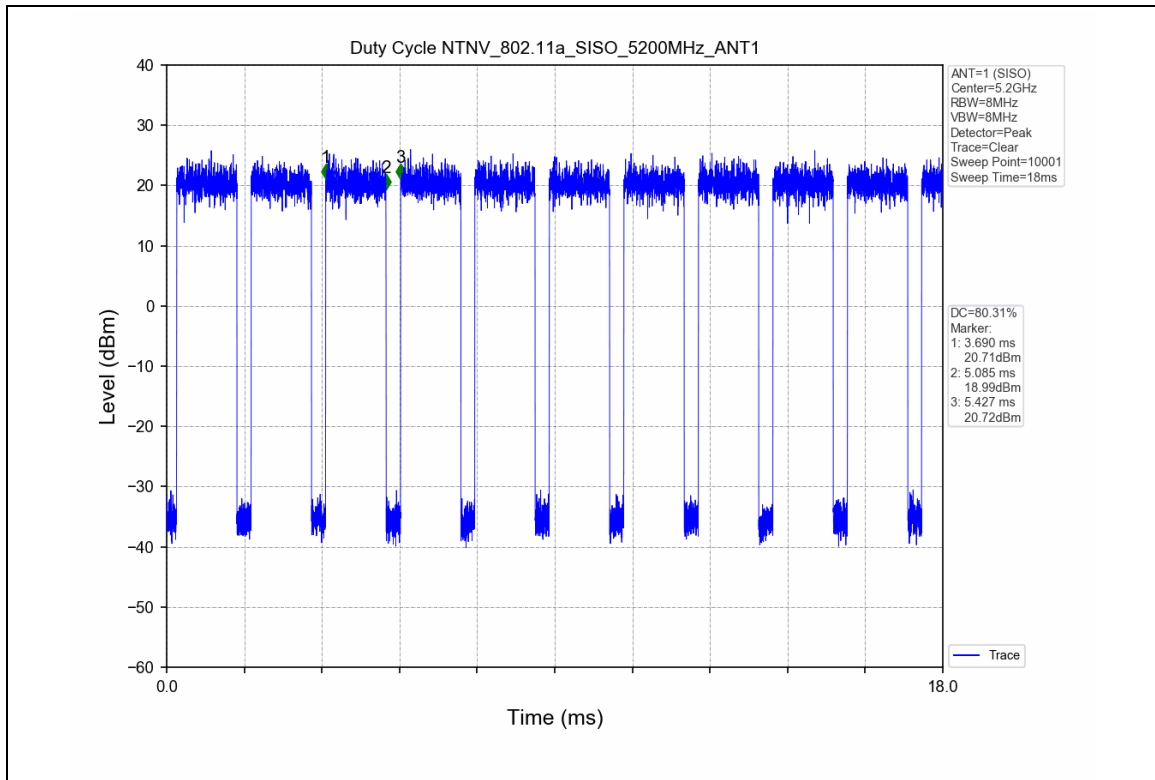
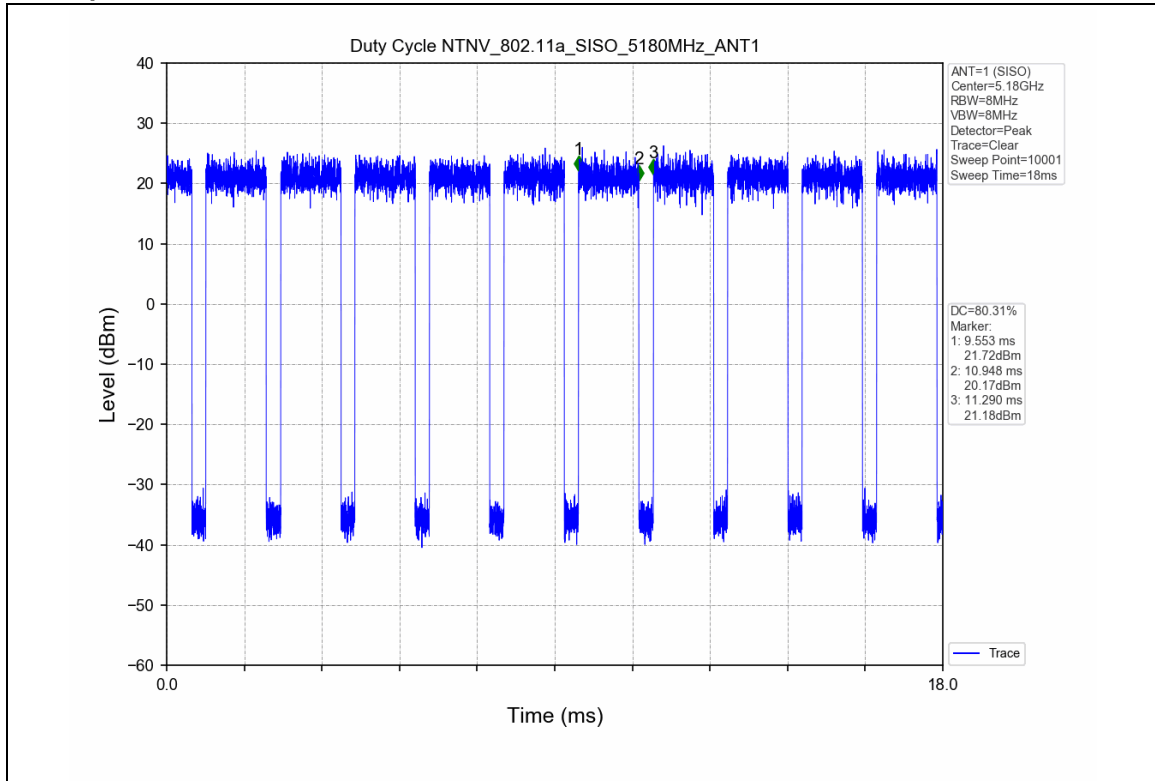
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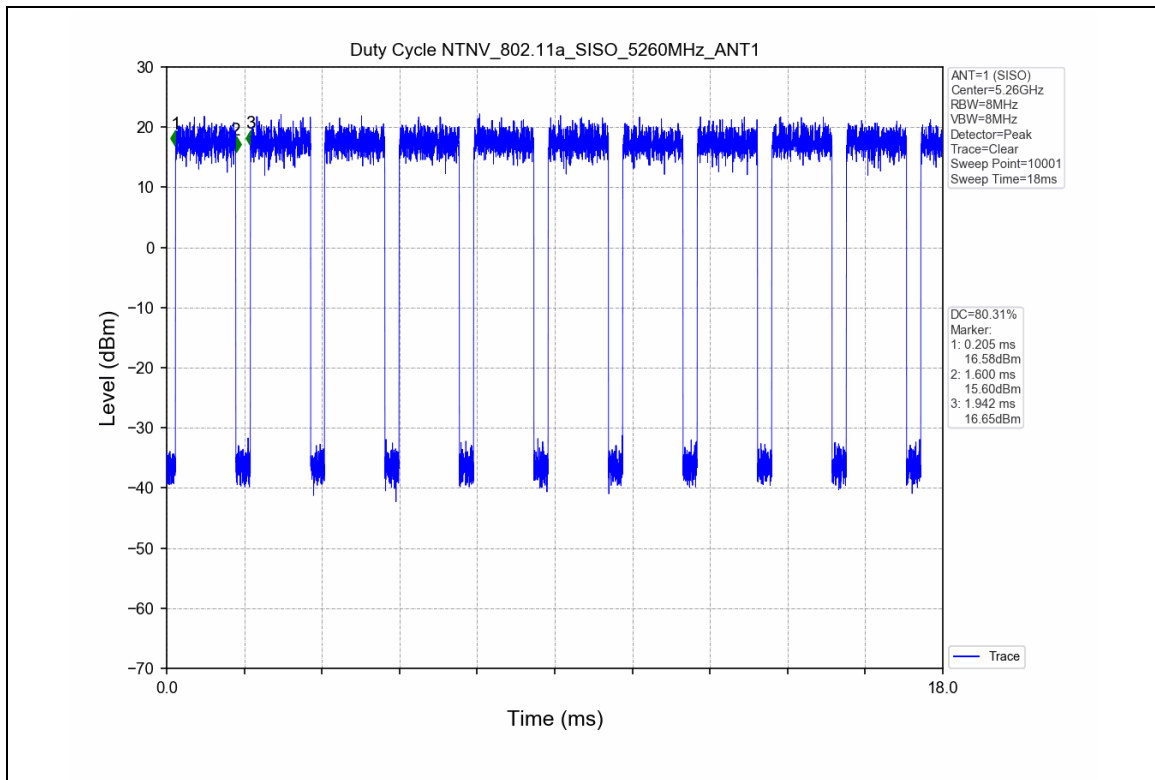
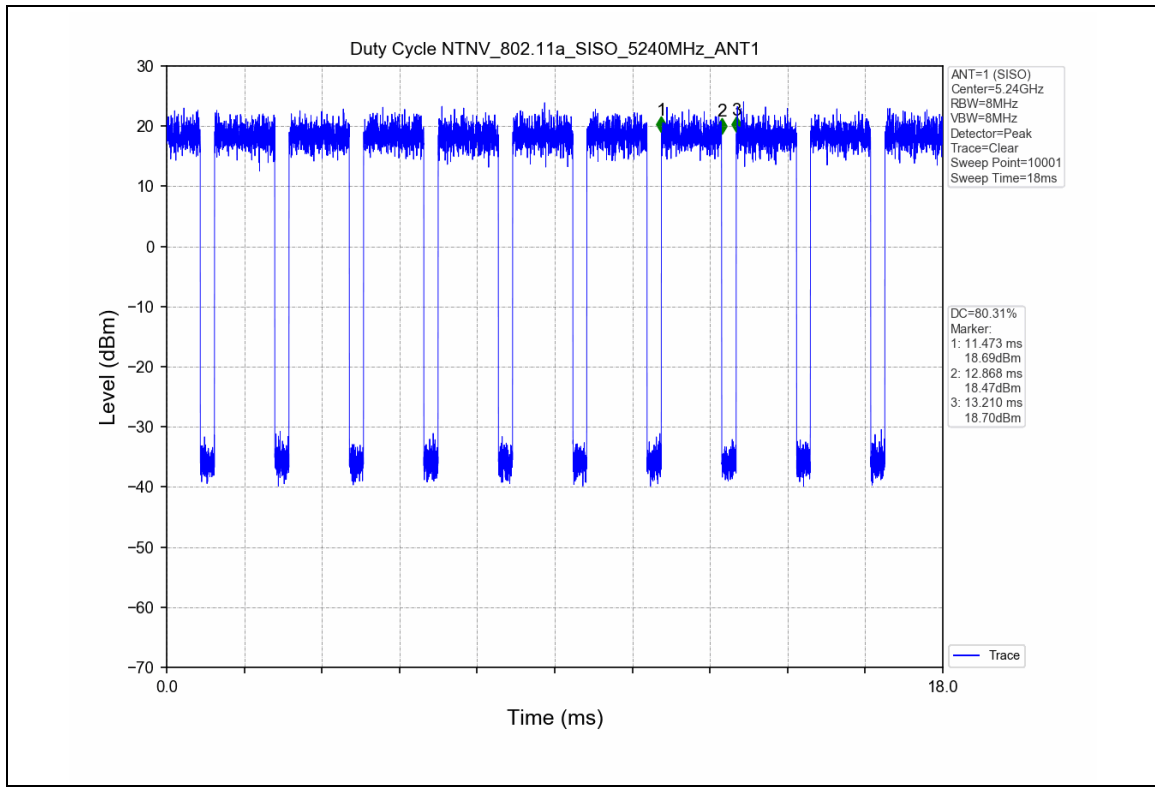
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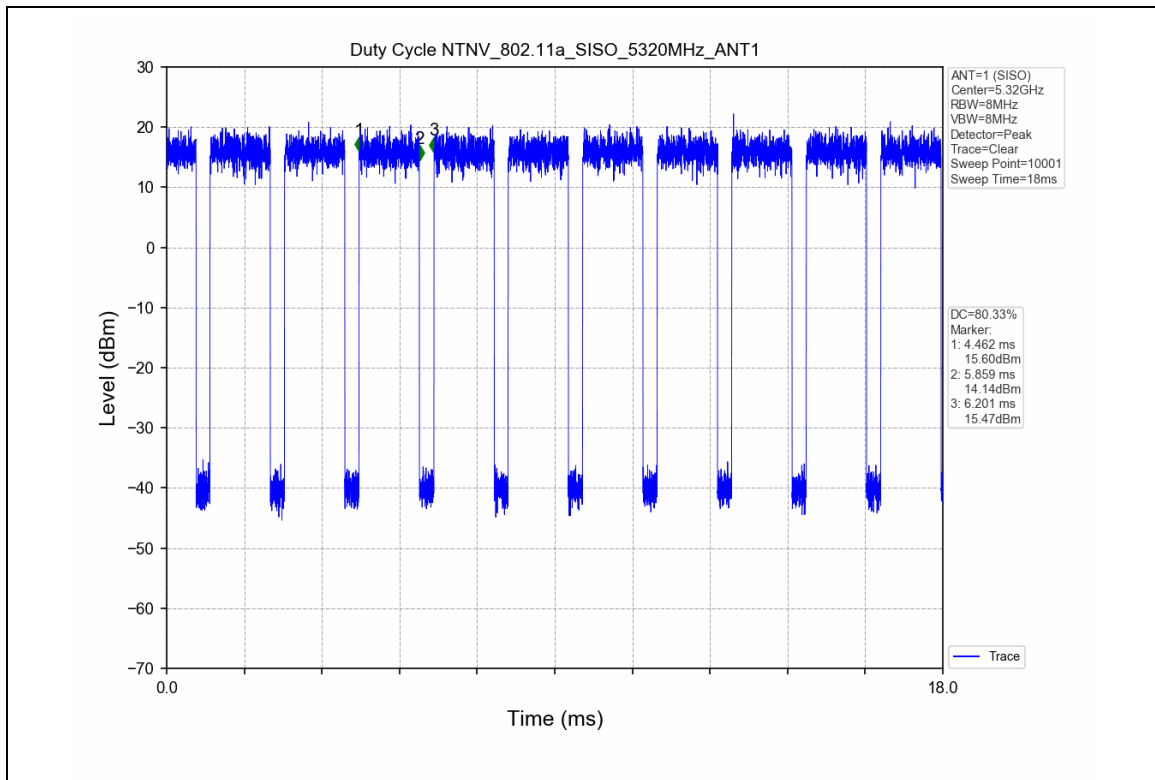
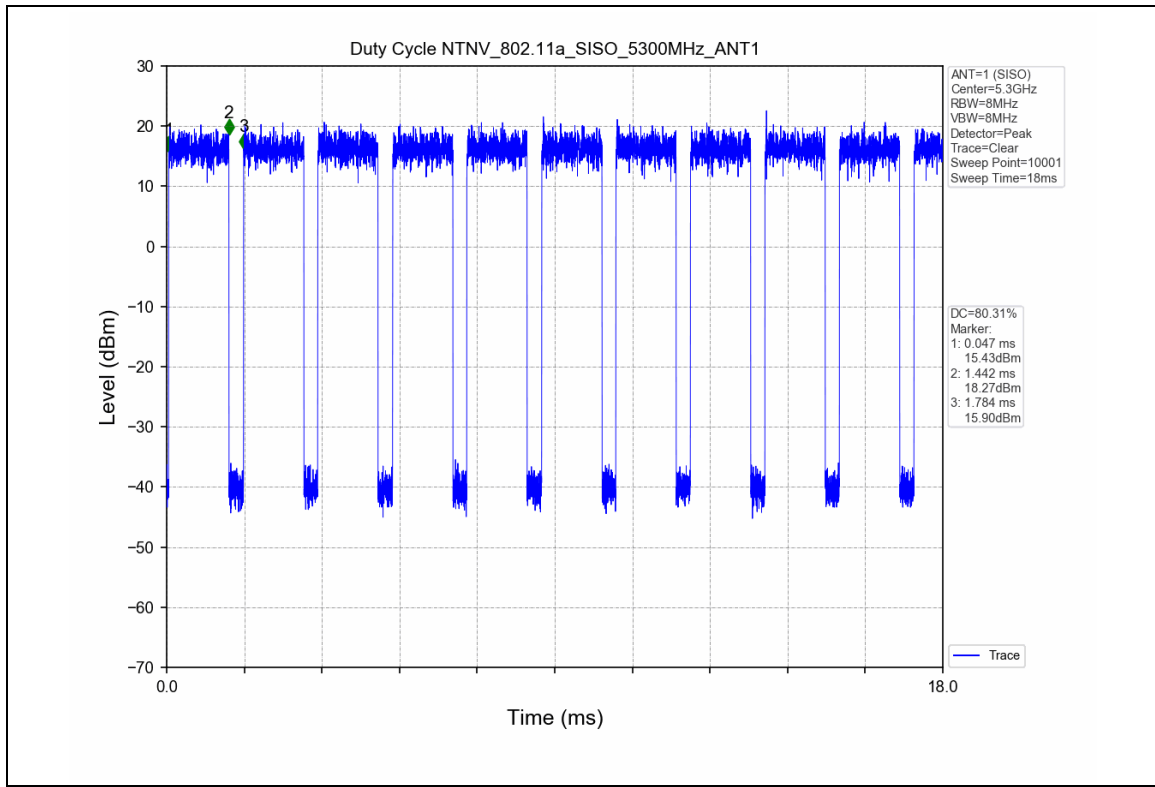
	5590	MIMO	1	0.220	0.552	39.86	3.99
	5670	MIMO	1	0.219	0.552	39.67	4.02
	5755	MIMO	1	0.219	0.561	39.04	4.08
	5795	MIMO	1	0.220	0.579	38.00	4.20
802.11ac(VHT20)	5180	MIMO	1	0.325	0.660	49.24	3.08
	5200	MIMO	1	0.324	0.650	49.85	3.02
	5240	MIMO	1	0.325	0.651	49.92	3.02
	5260	MIMO	1	0.324	0.659	49.17	3.08
	5300	MIMO	1	0.324	0.642	50.47	2.97
	5320	MIMO	1	0.325	0.660	49.24	3.08
	5500	MIMO	1	0.324	0.651	49.77	3.03
	5580	MIMO	1	0.325	0.660	49.24	3.08
	5600	MIMO	1	0.324	0.659	49.17	3.08
	5700	MIMO	1	0.325	0.652	49.85	3.02
	5745	MIMO	1	0.324	0.642	50.47	2.97
	5785	MIMO	1	0.325	0.642	50.62	2.96
	5825	MIMO	1	0.324	0.642	50.47	2.97
802.11ac(VHT40)	5190	MIMO	1	0.192	0.518	37.07	4.31
	5230	MIMO	1	0.192	0.519	36.99	4.32
	5270	MIMO	1	0.192	0.519	36.99	4.32
	5310	MIMO	1	0.192	0.519	36.99	4.32
	5510	MIMO	1	0.192	0.519	36.99	4.32
	5550	MIMO	1	0.192	0.518	37.07	4.31
	5590	MIMO	1	0.192	0.519	36.99	4.32
	5670	MIMO	1	0.192	0.519	36.99	4.32
	5755	MIMO	1	0.193	0.546	35.35	4.52
	5795	MIMO	1	0.193	0.537	35.94	4.44
802.11ac(VHT80)	5210	MIMO	1	0.117	0.452	25.88	5.87
	5290	MIMO	1	0.117	0.461	25.38	5.96
	5530	MIMO	1	0.117	0.461	25.38	5.96
	5610	MIMO	1	0.116	0.452	25.66	5.91
	5775	MIMO	1	0.117	0.461	25.38	5.96

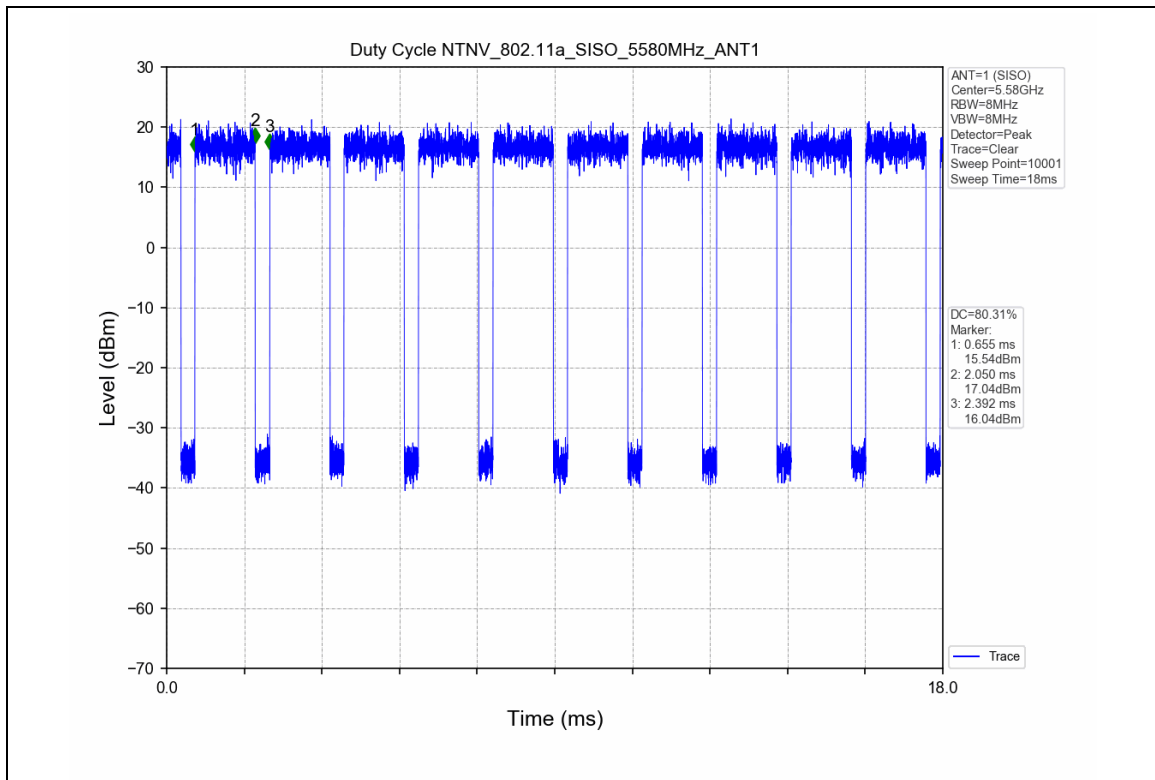
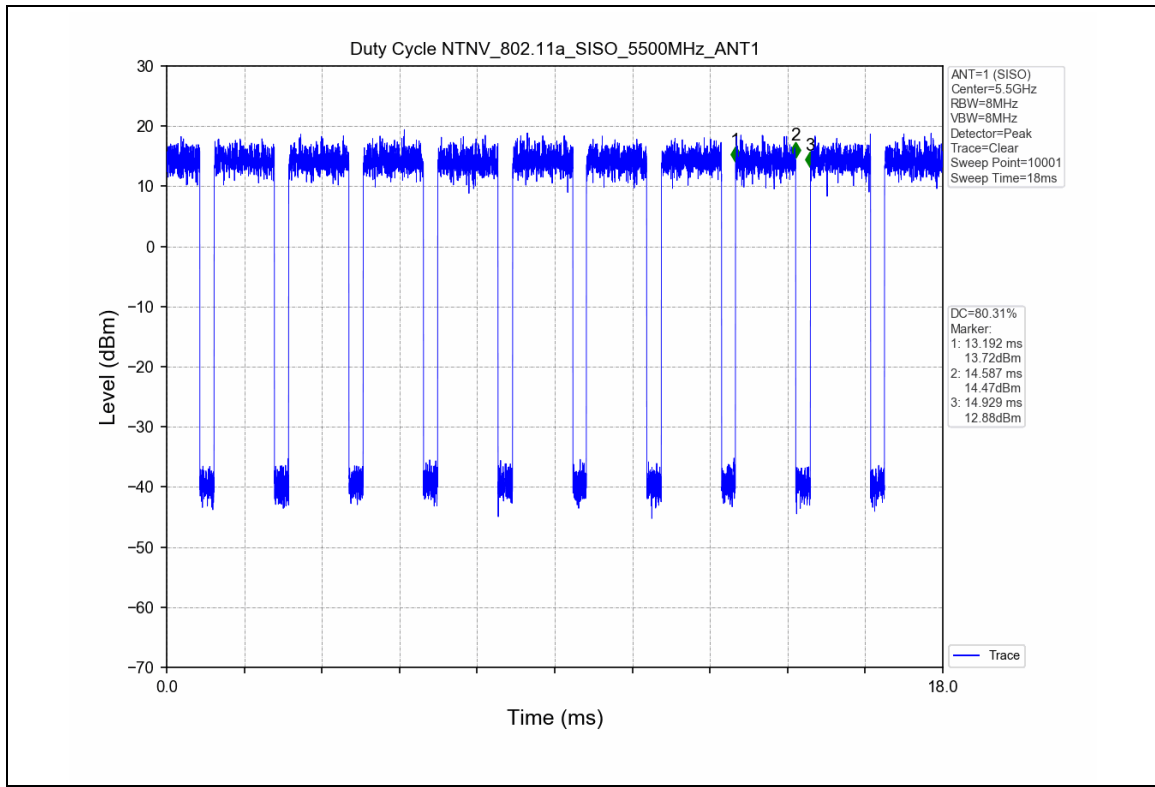


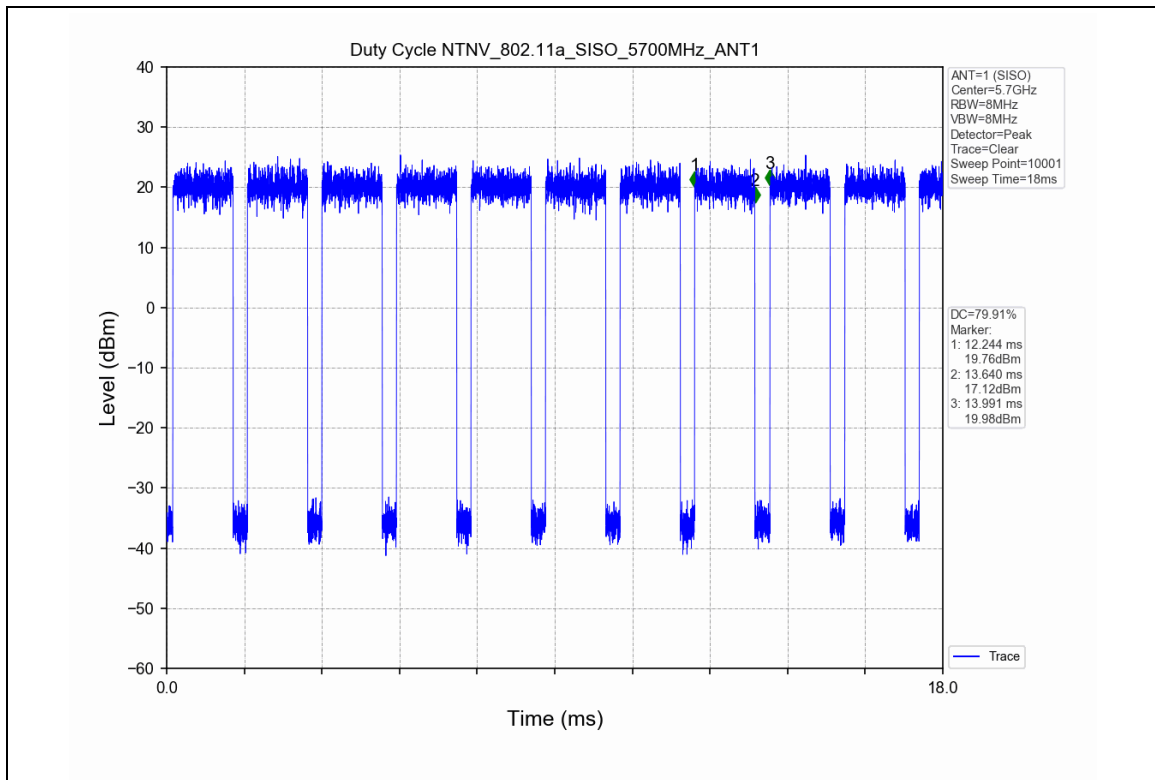
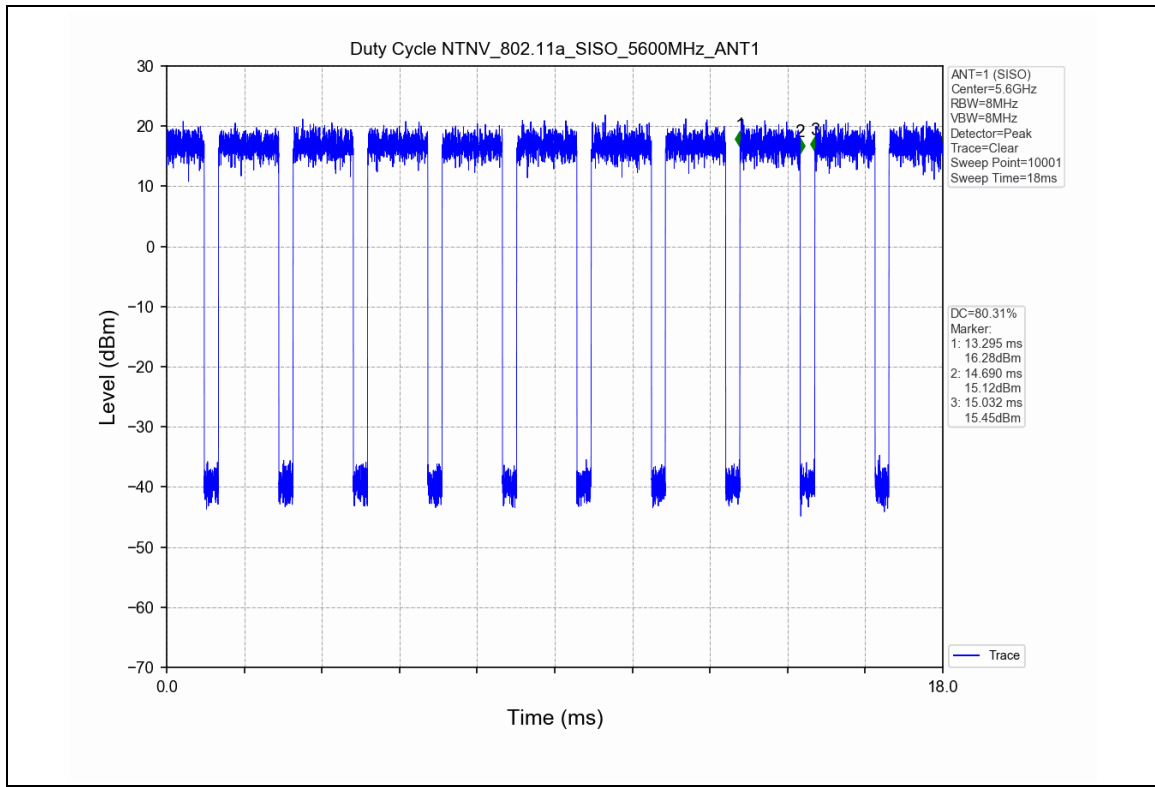
1.2 Test Graph

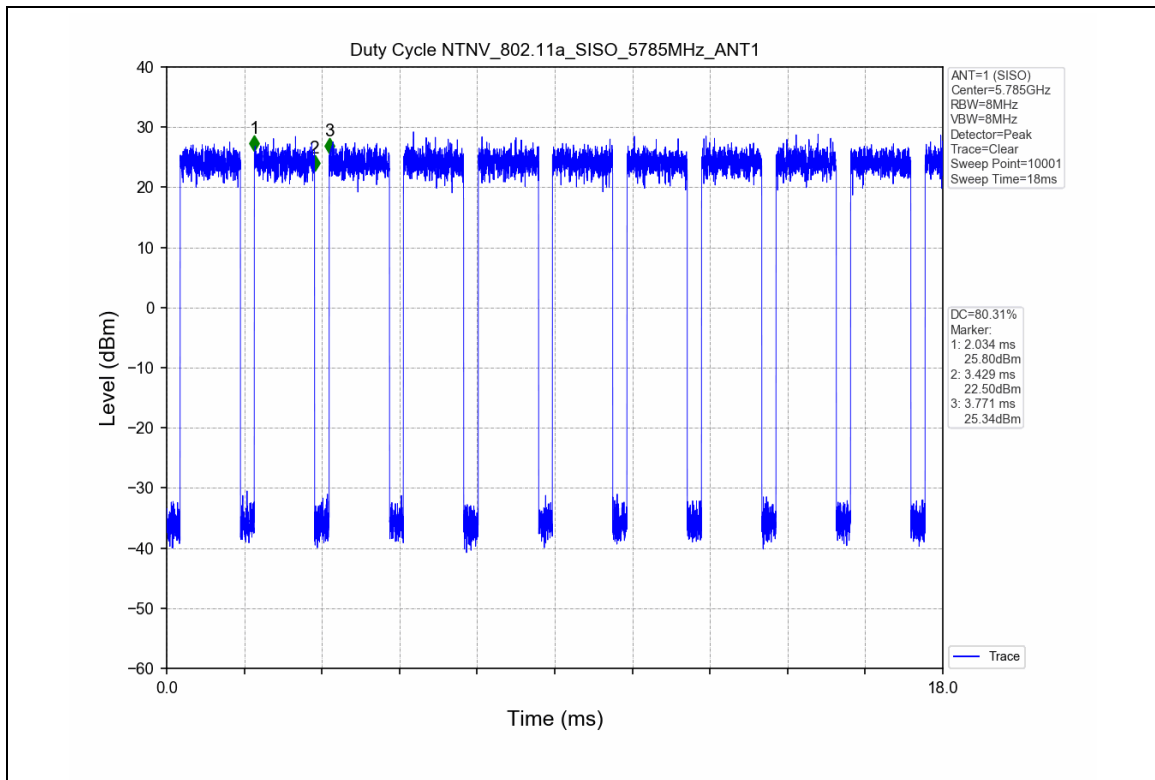
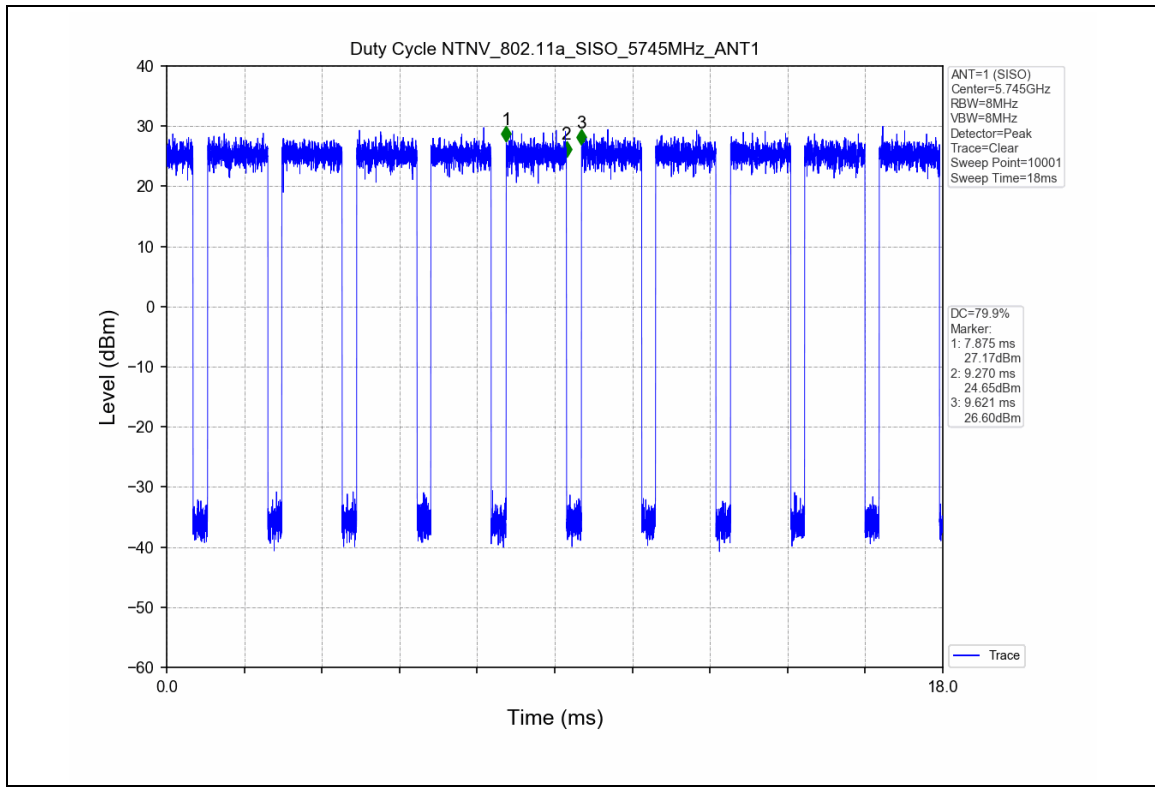


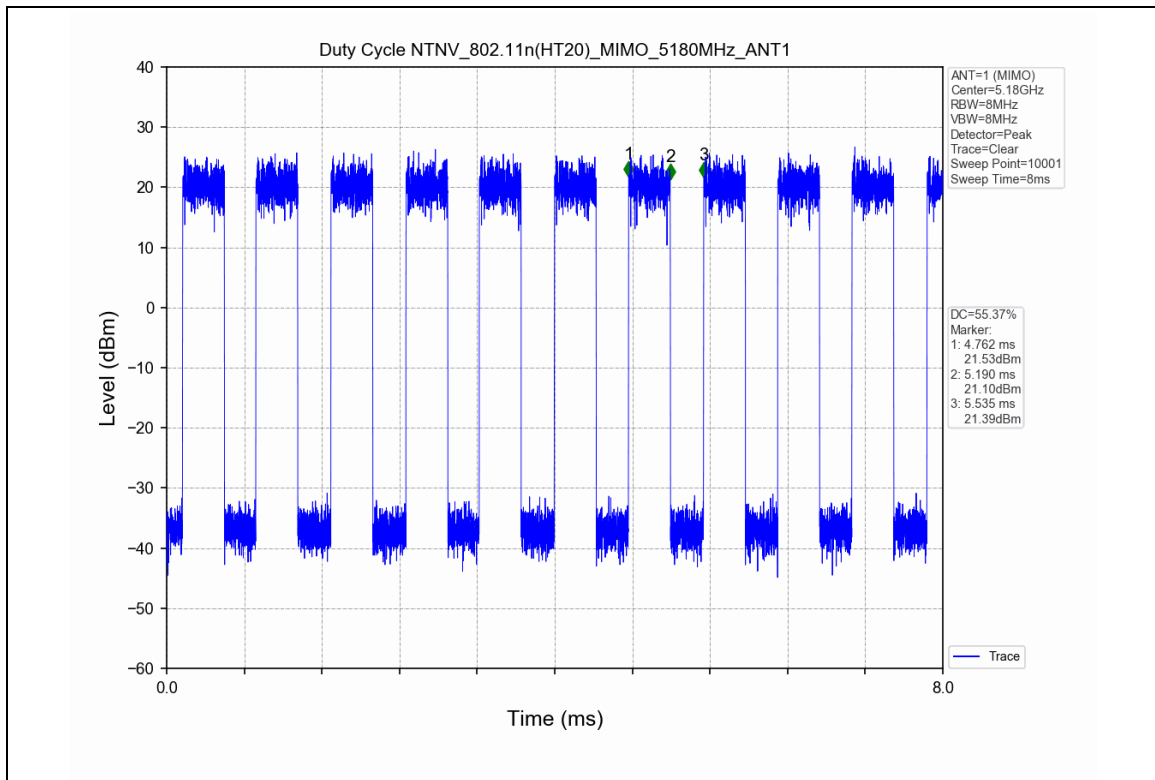
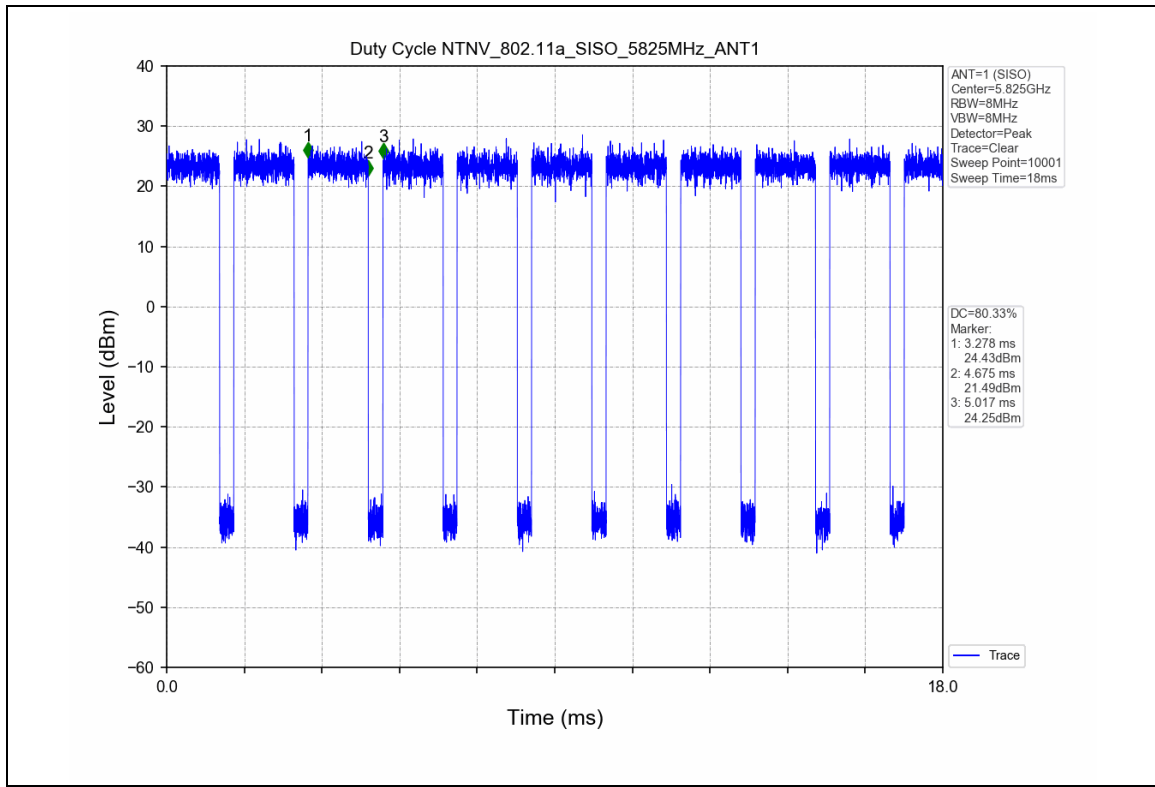


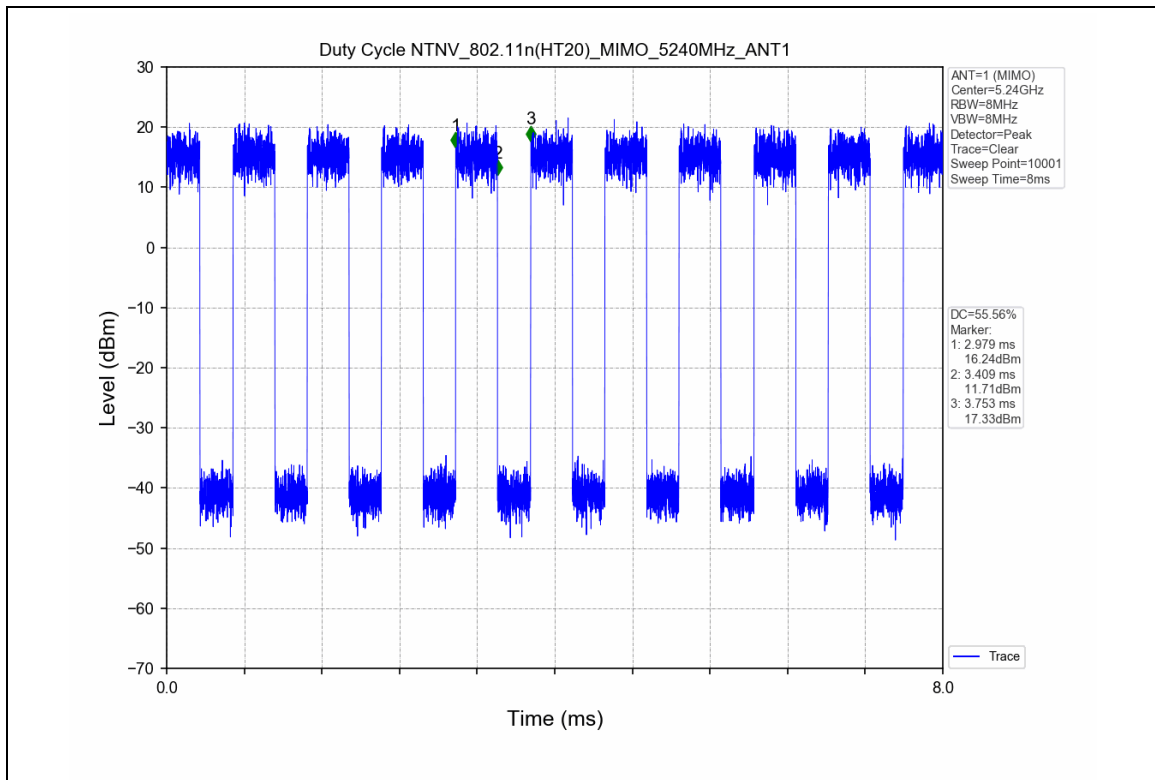
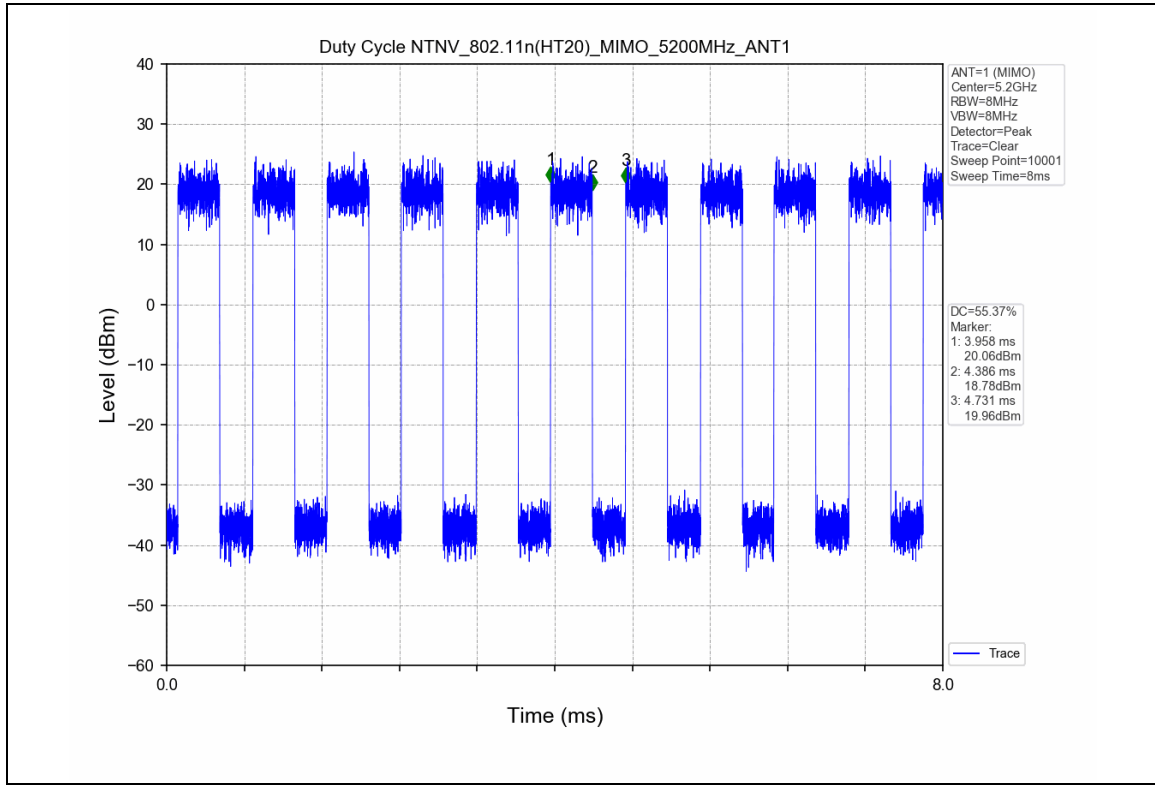


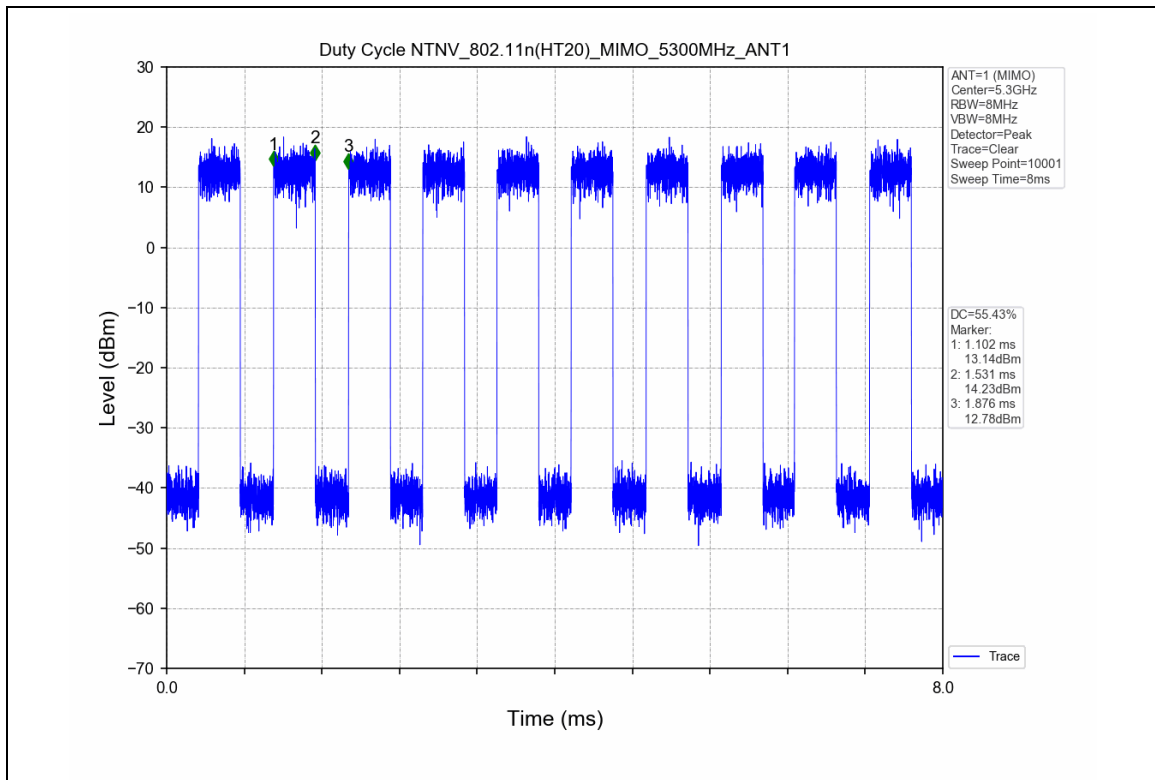
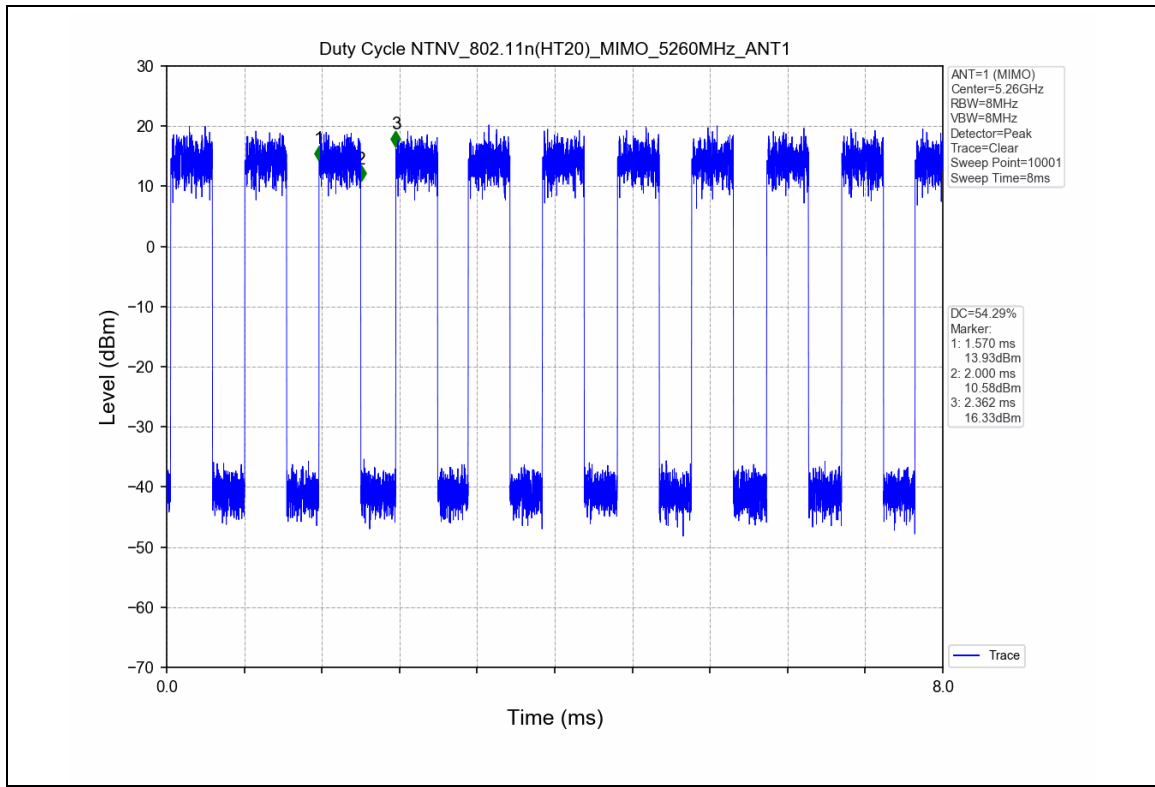


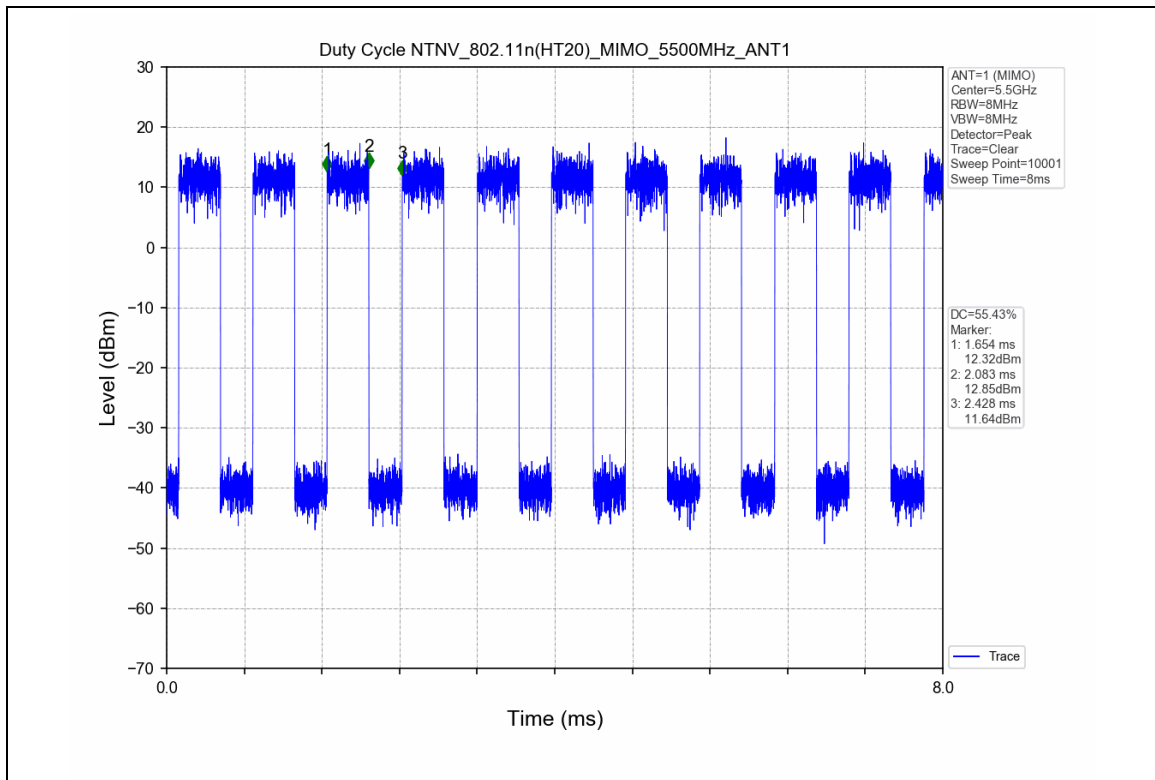
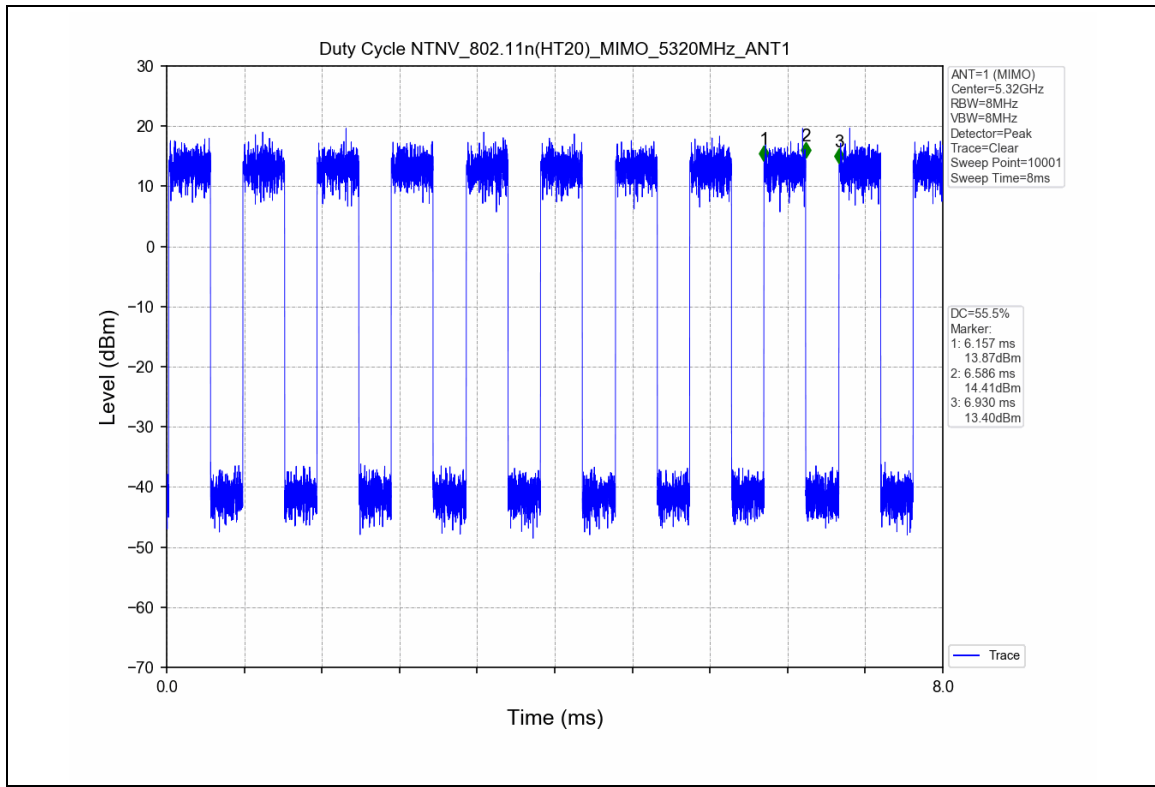


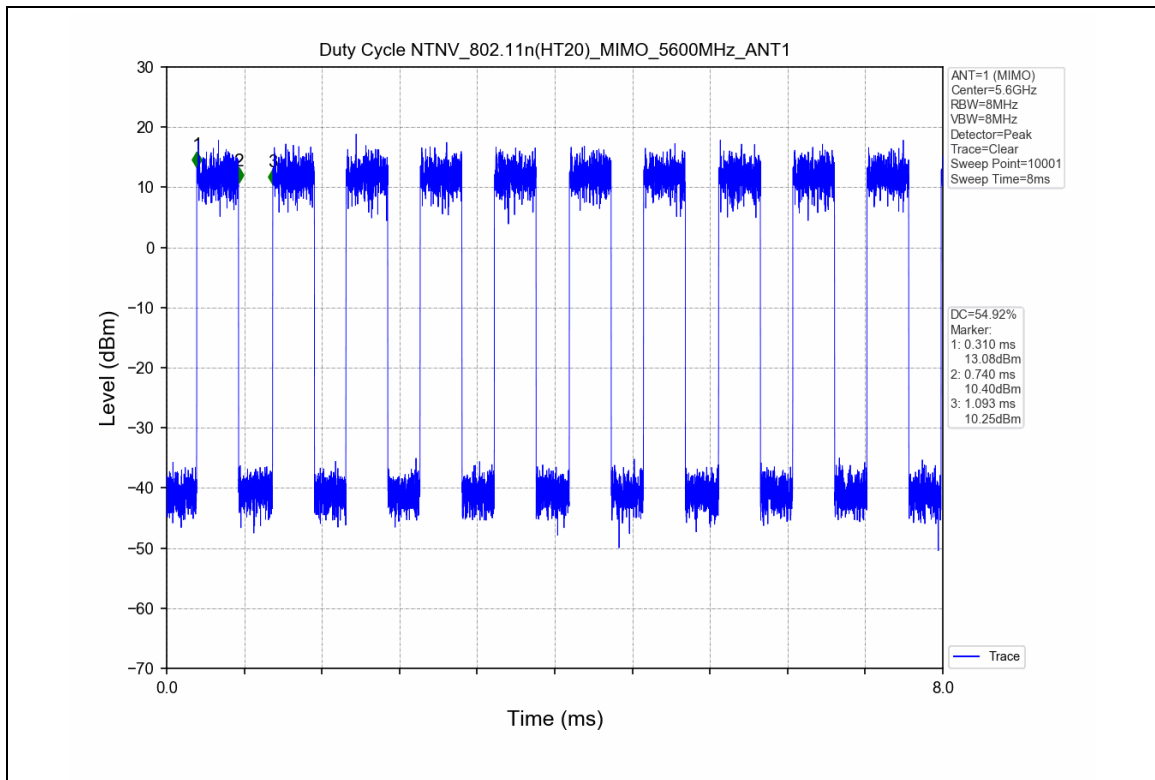
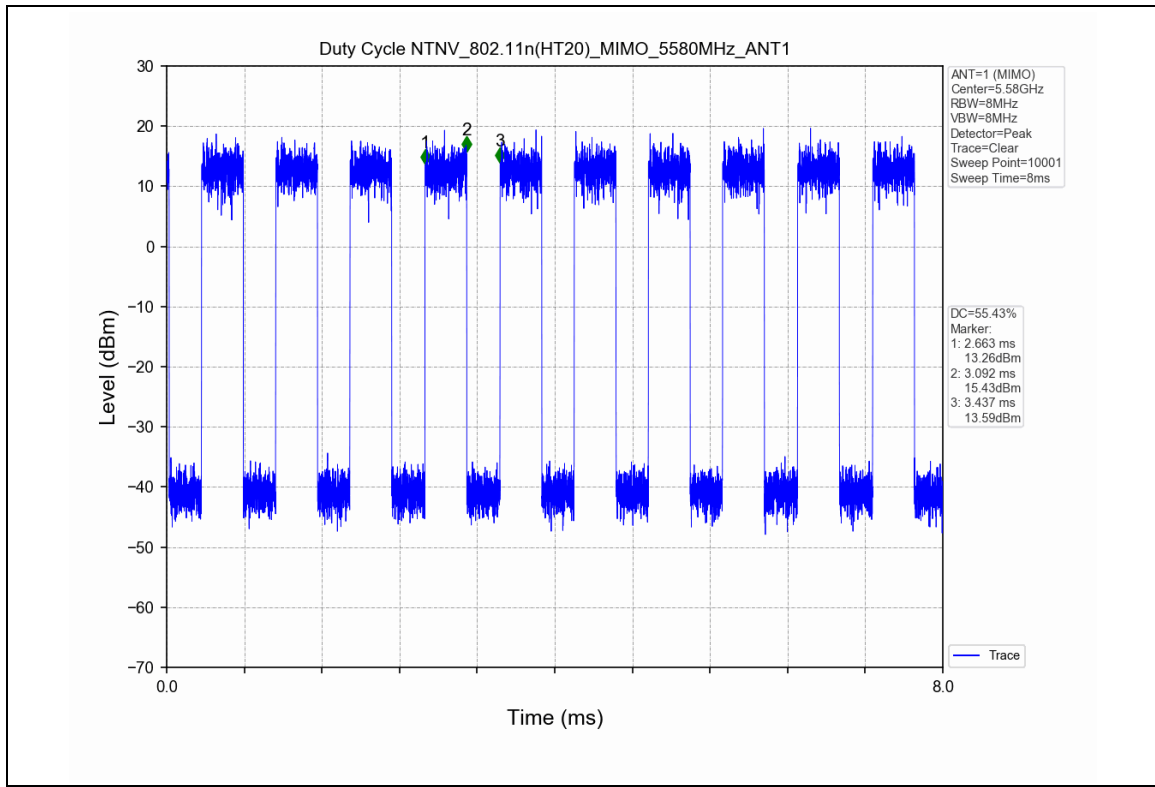


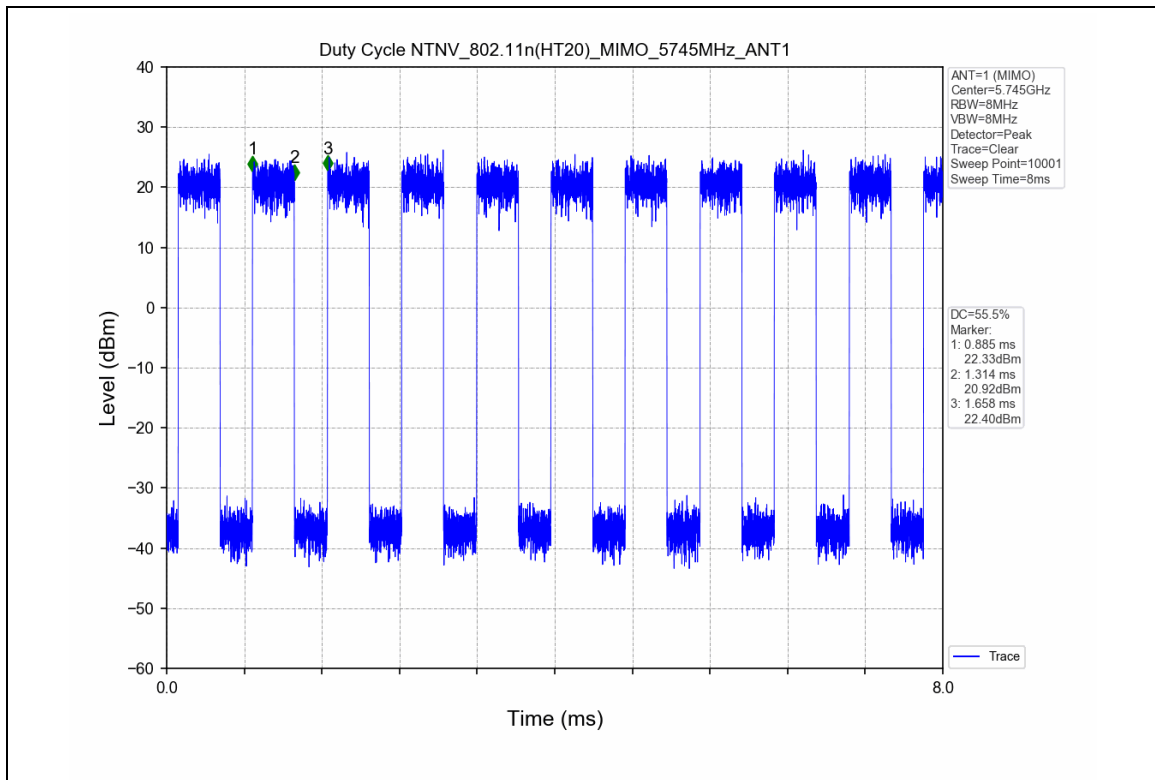
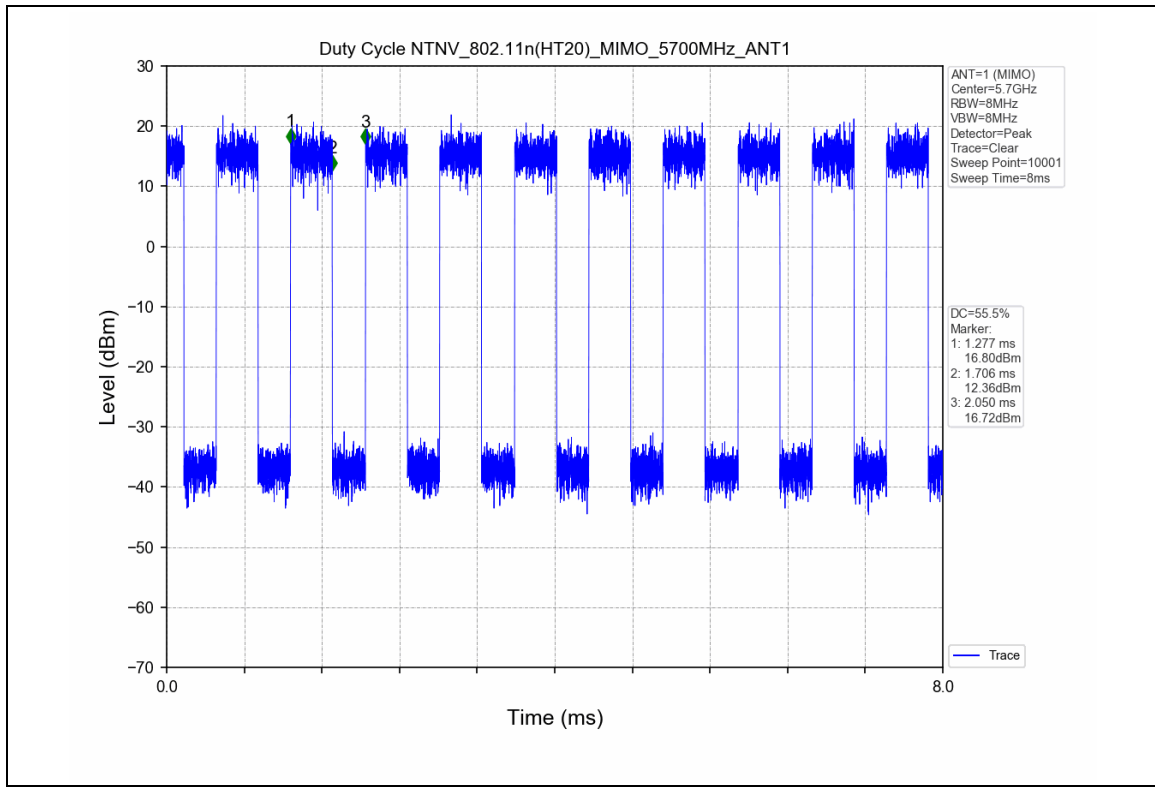


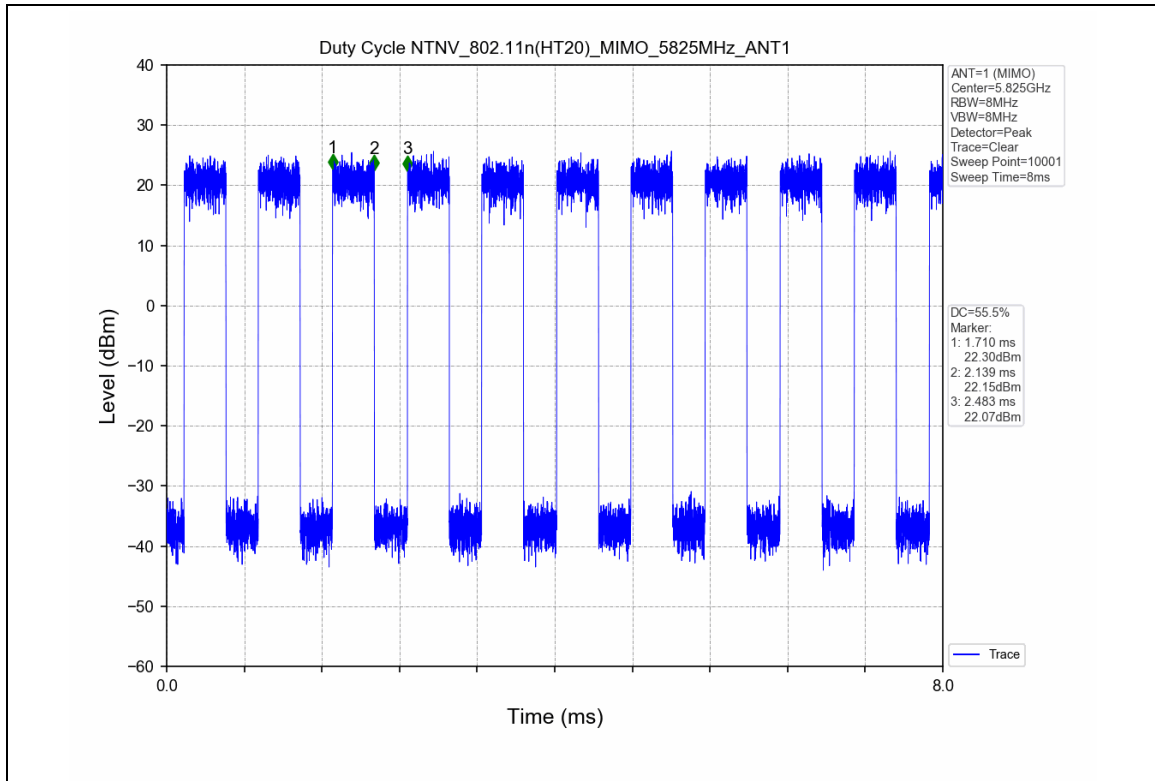
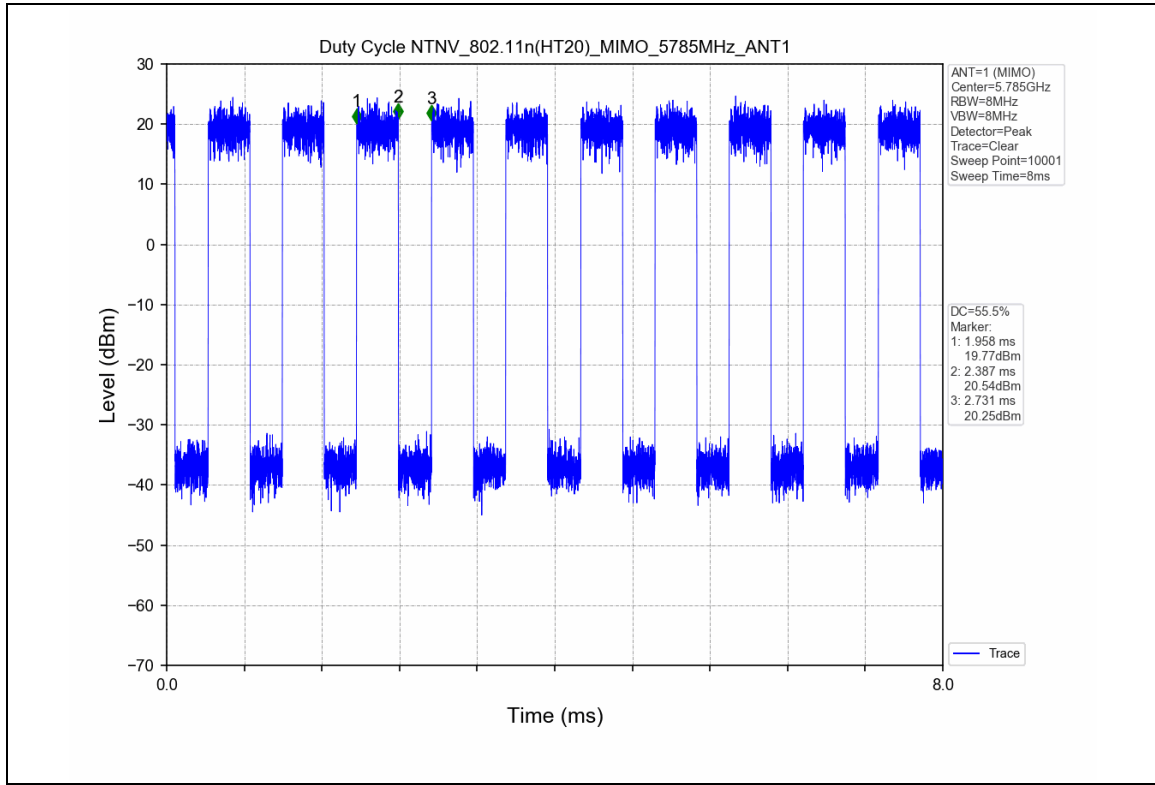


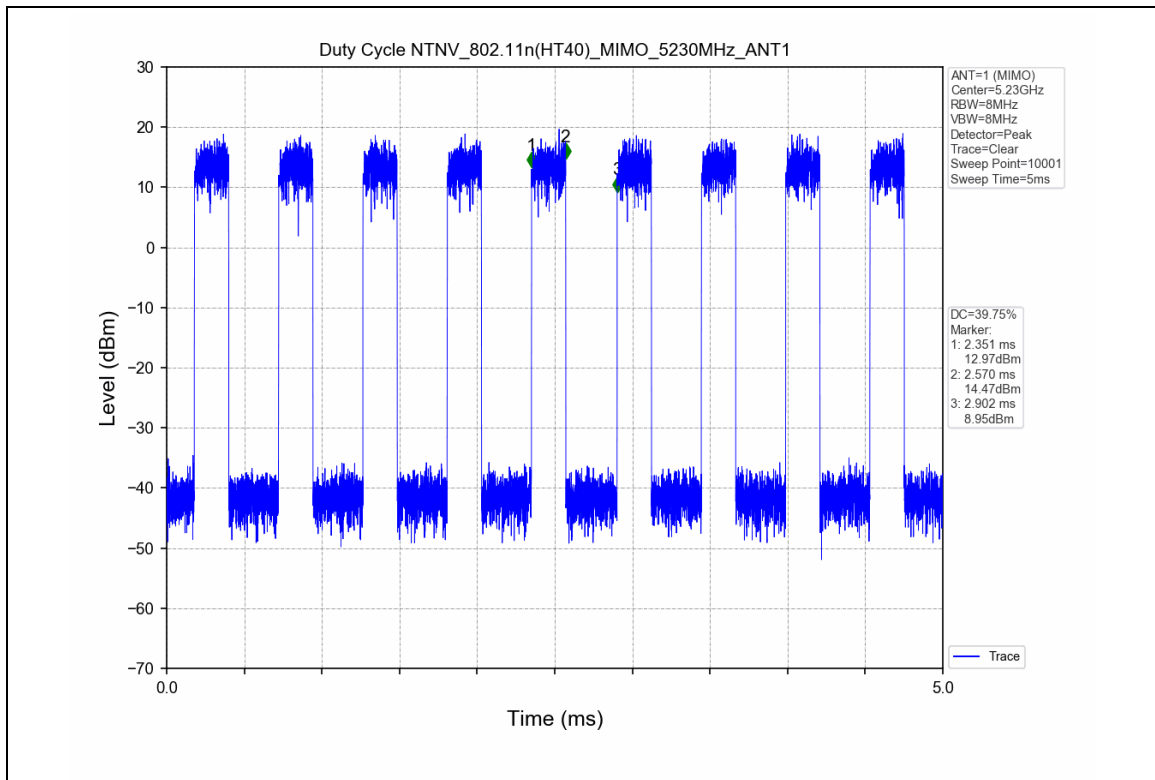
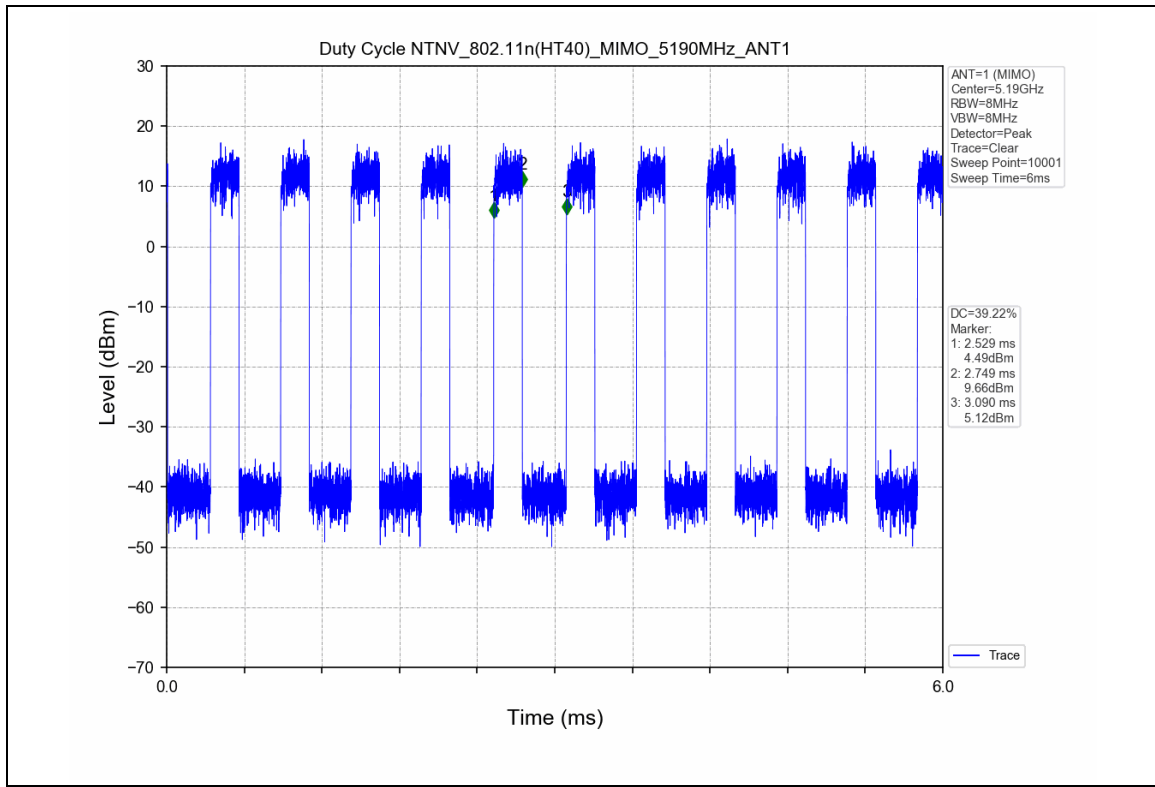


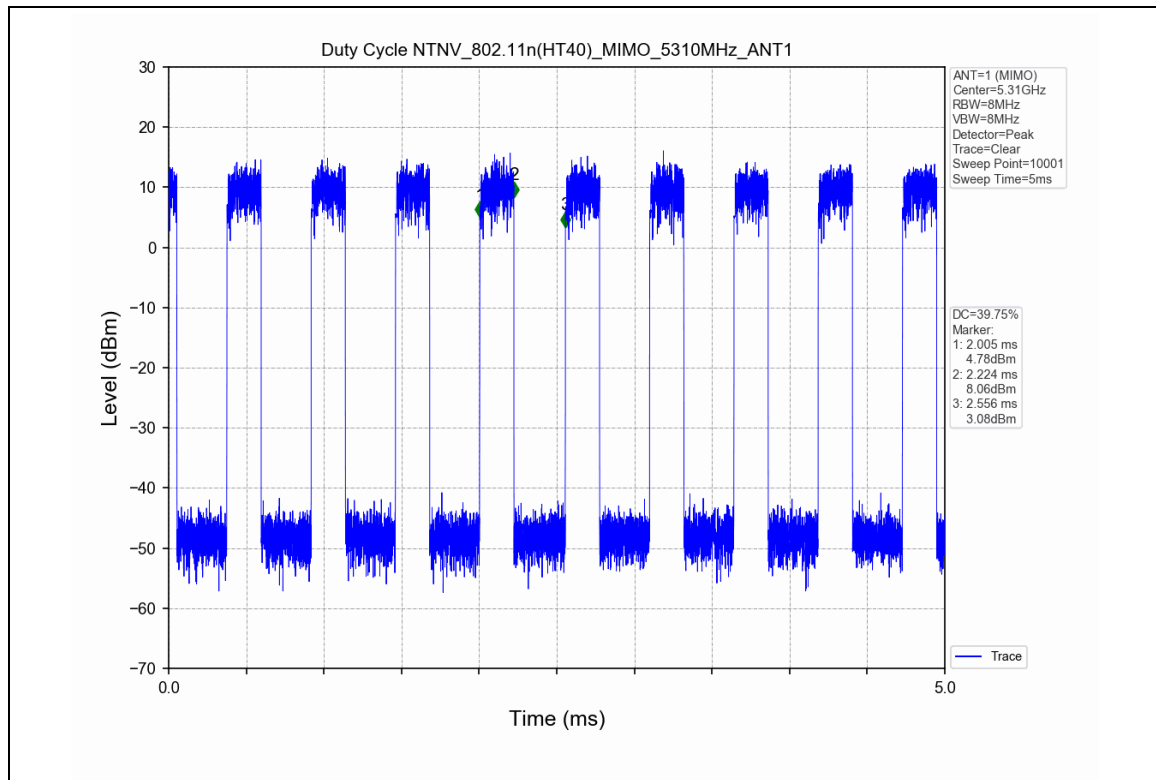
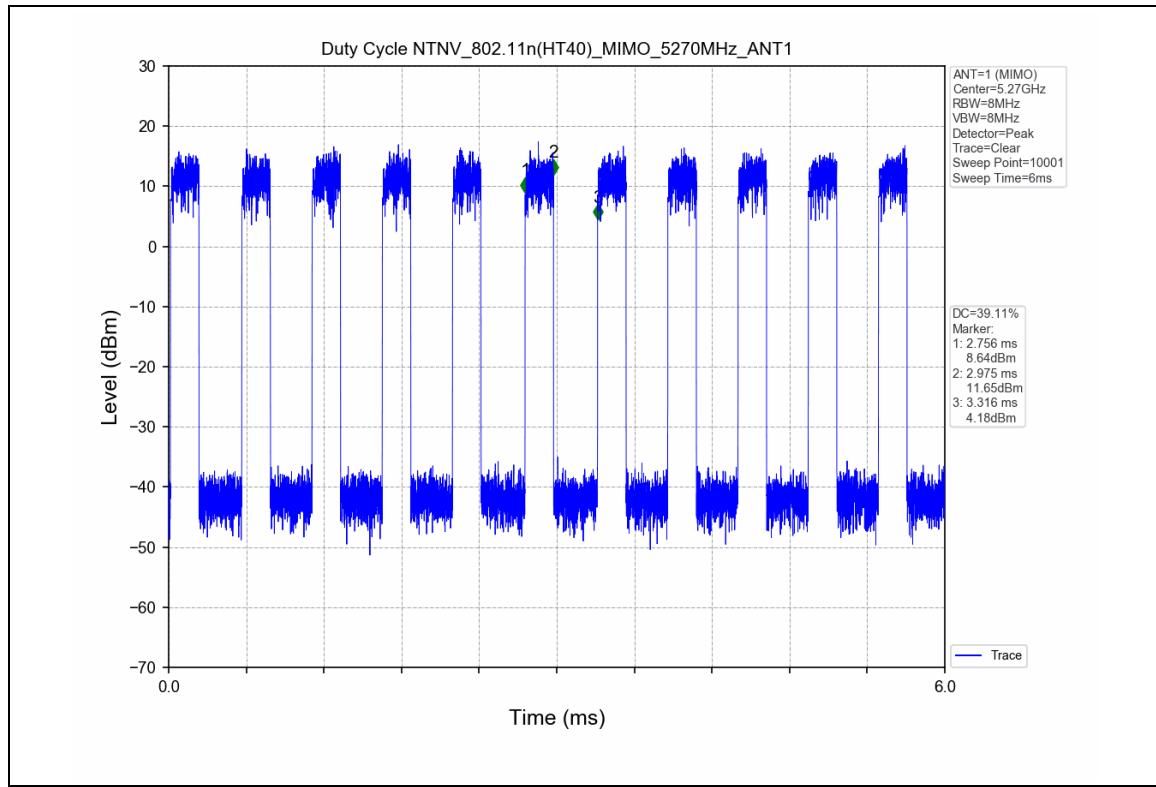


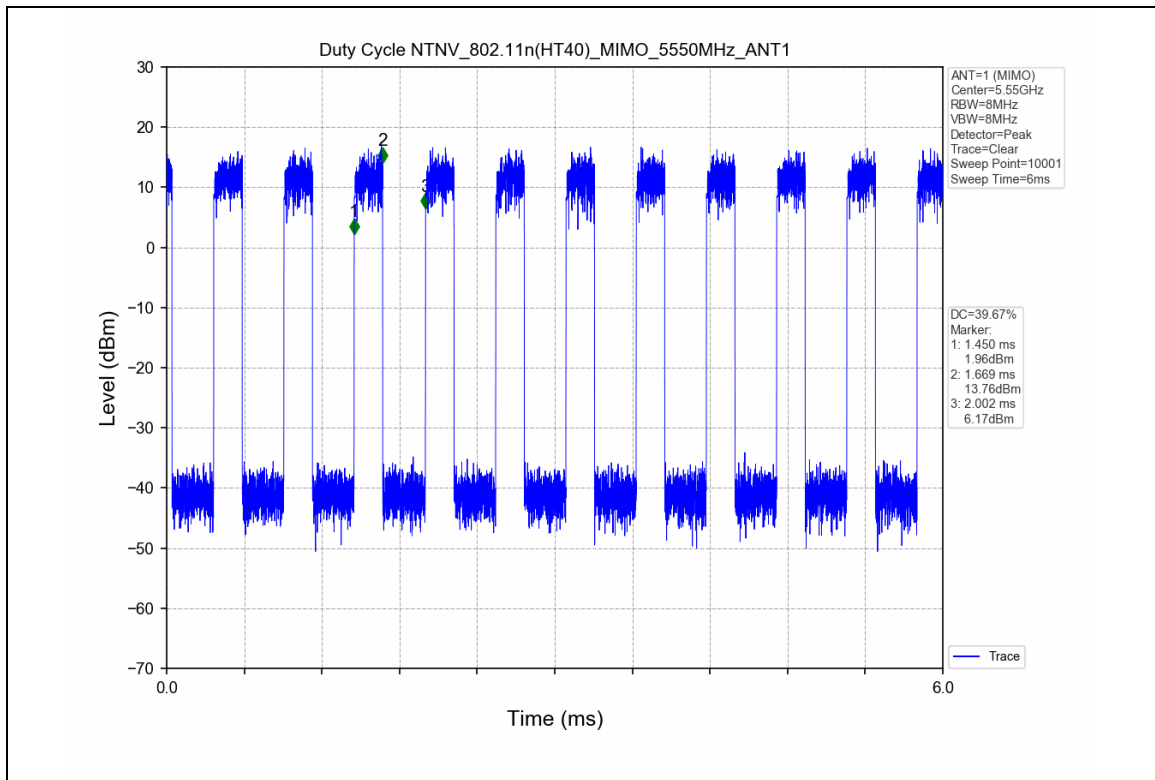
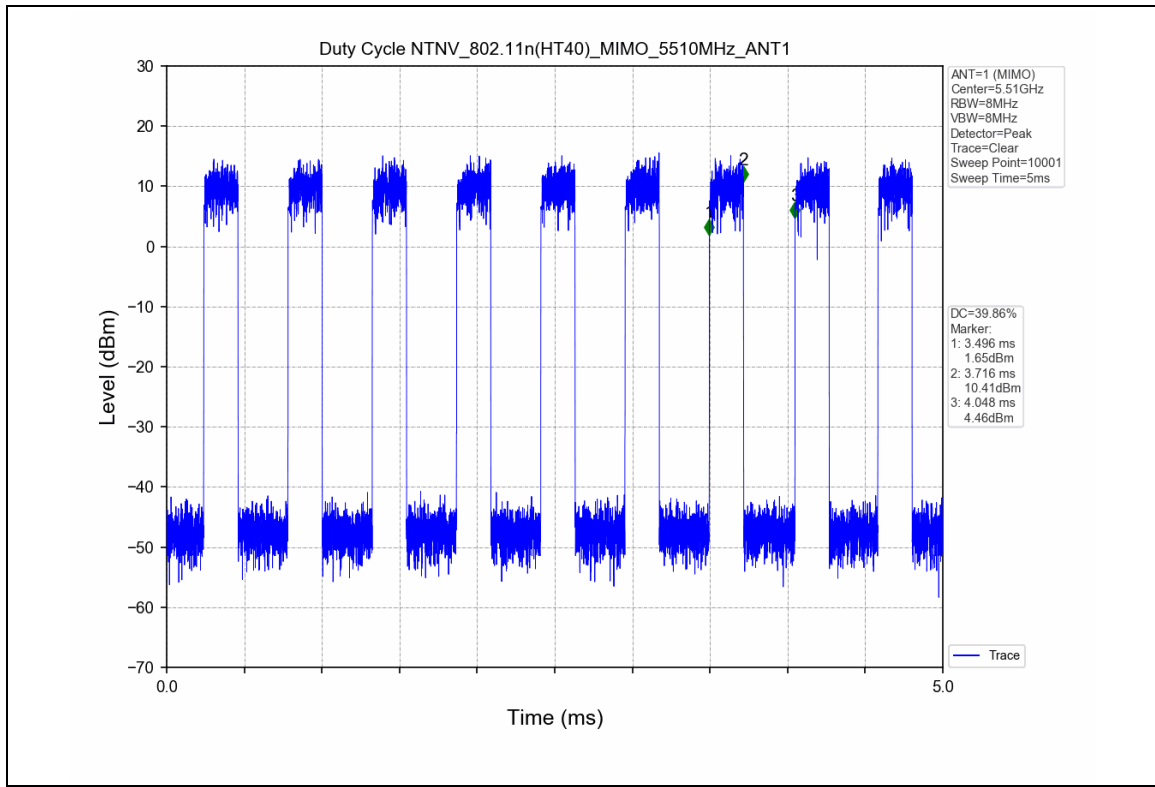


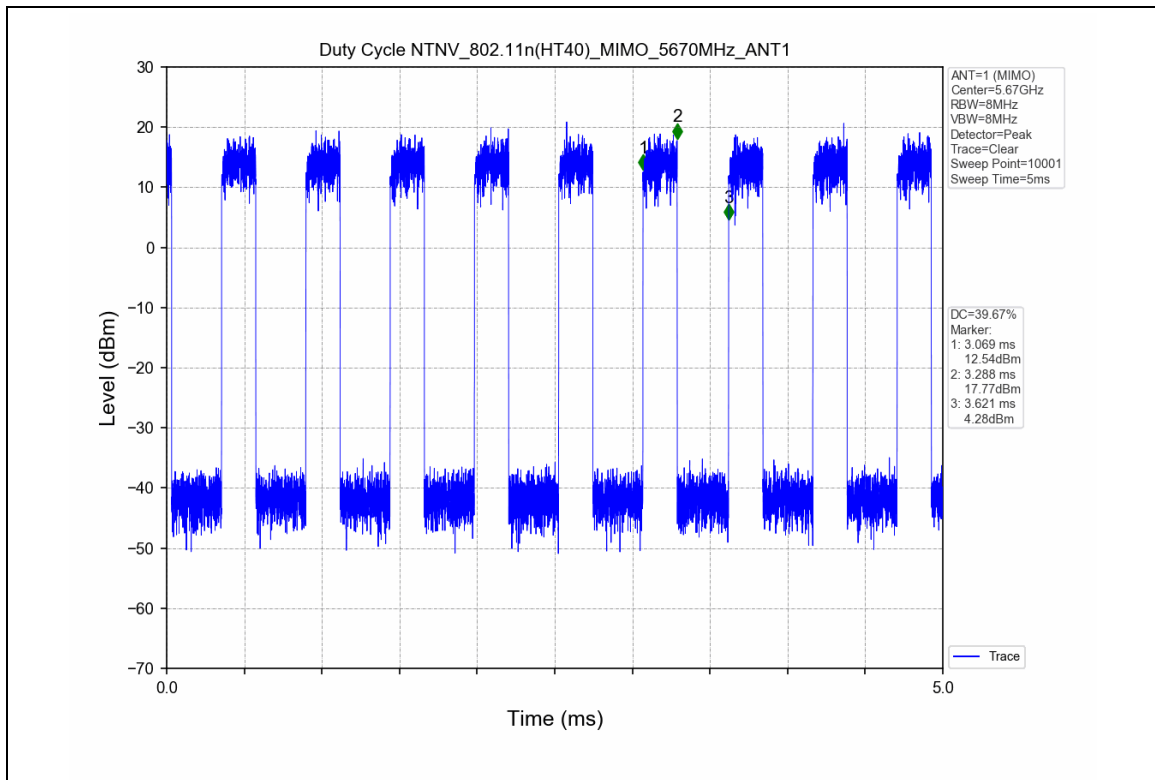
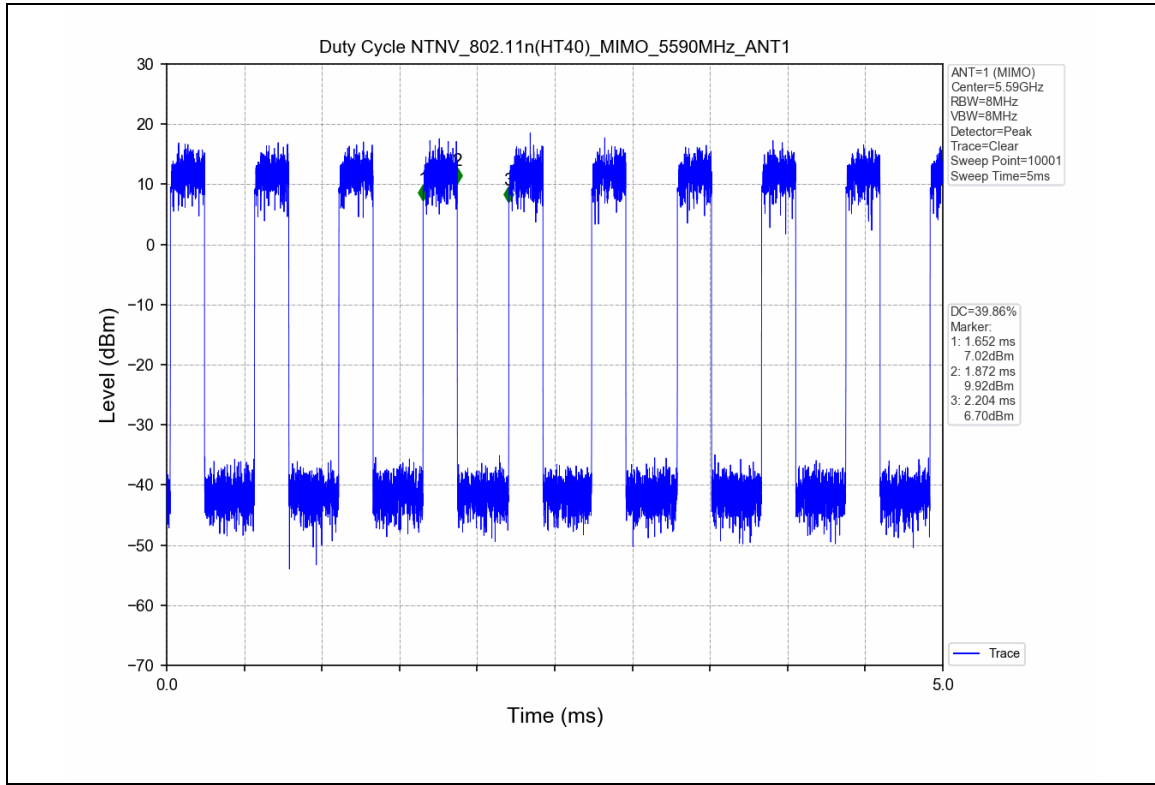


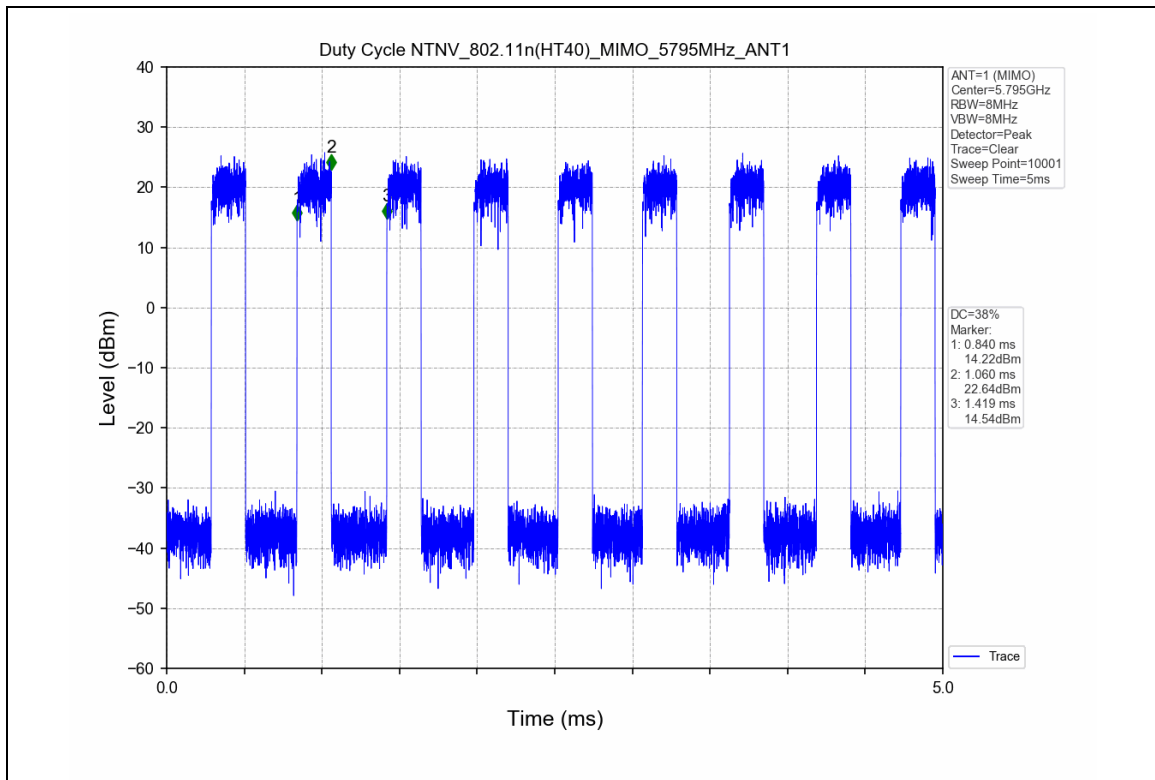
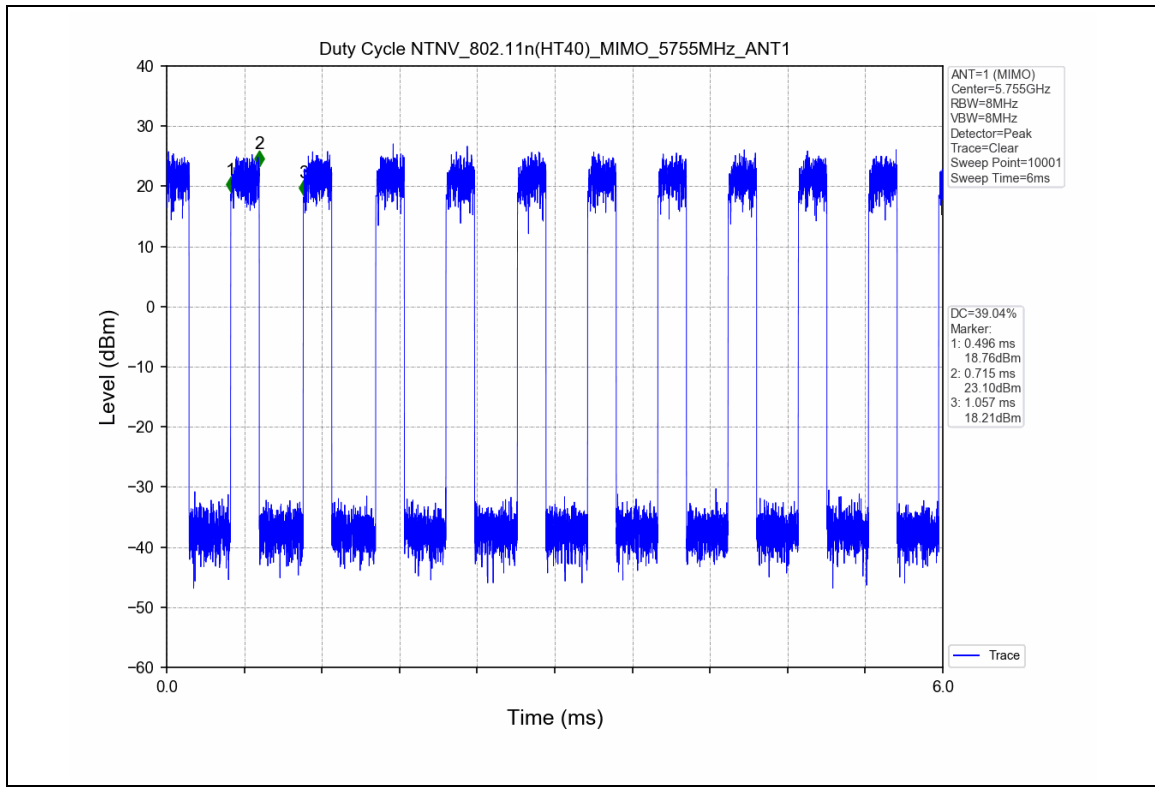


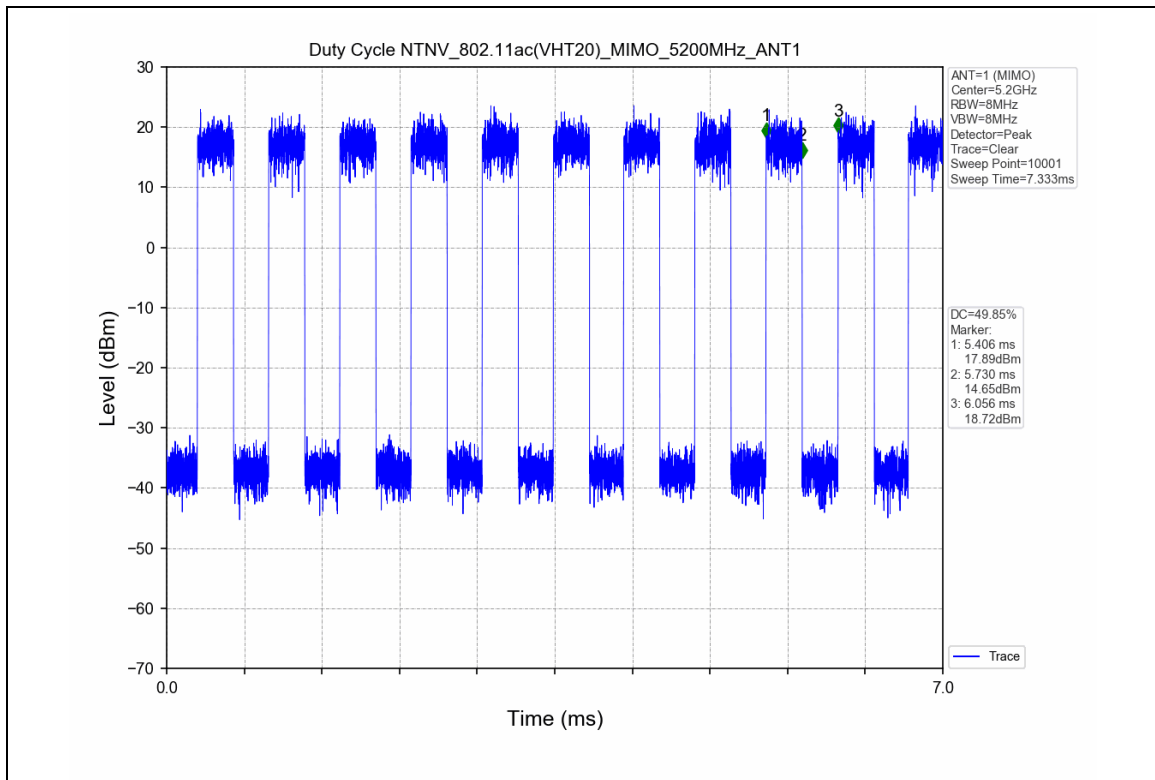
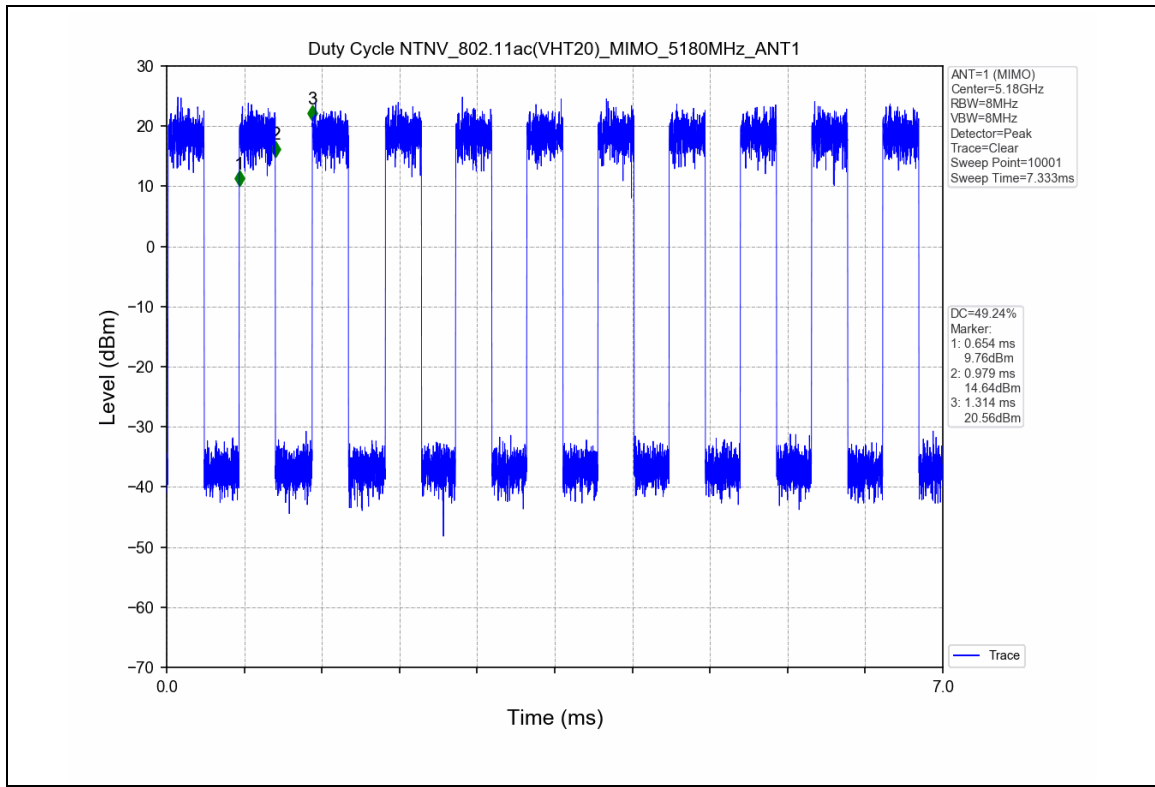


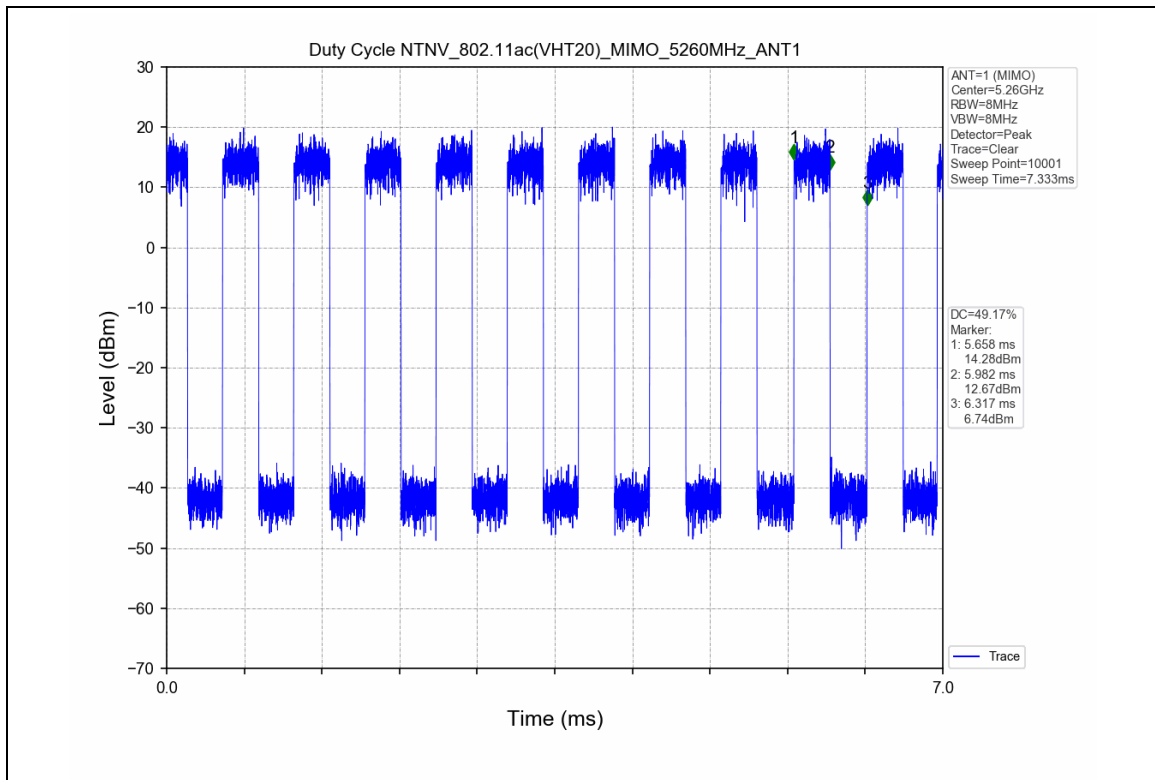
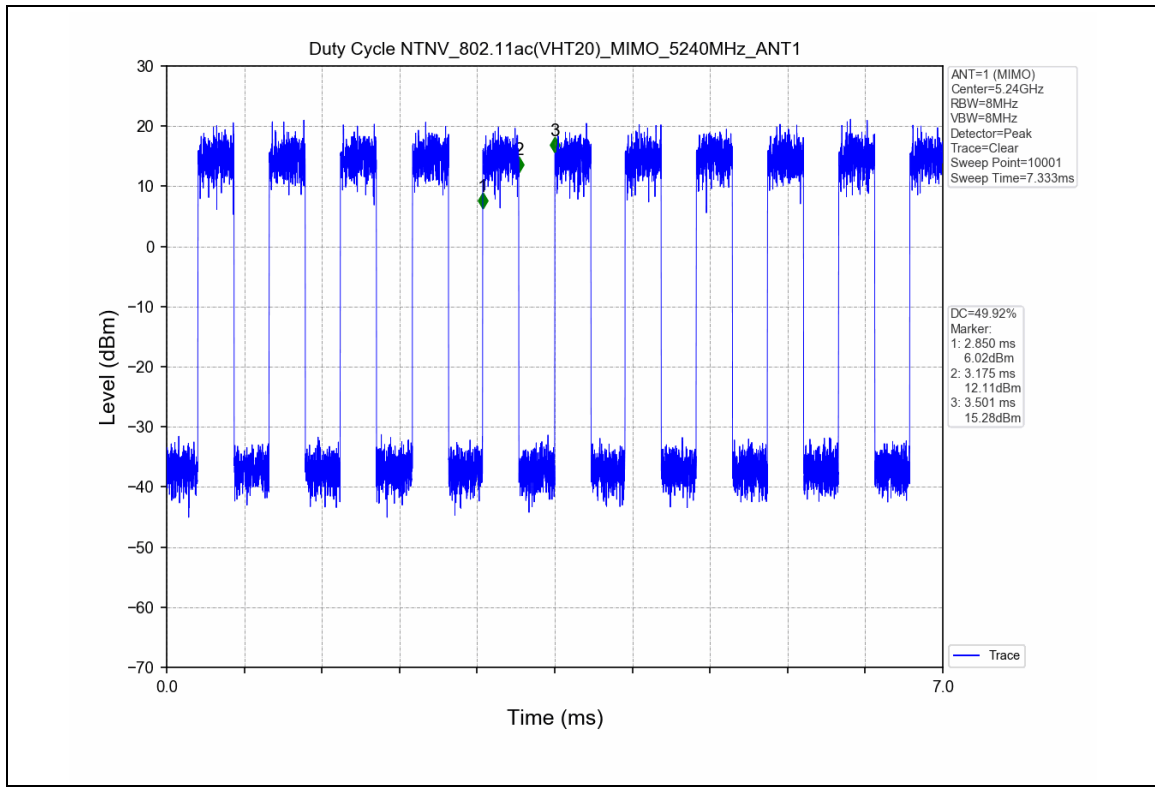


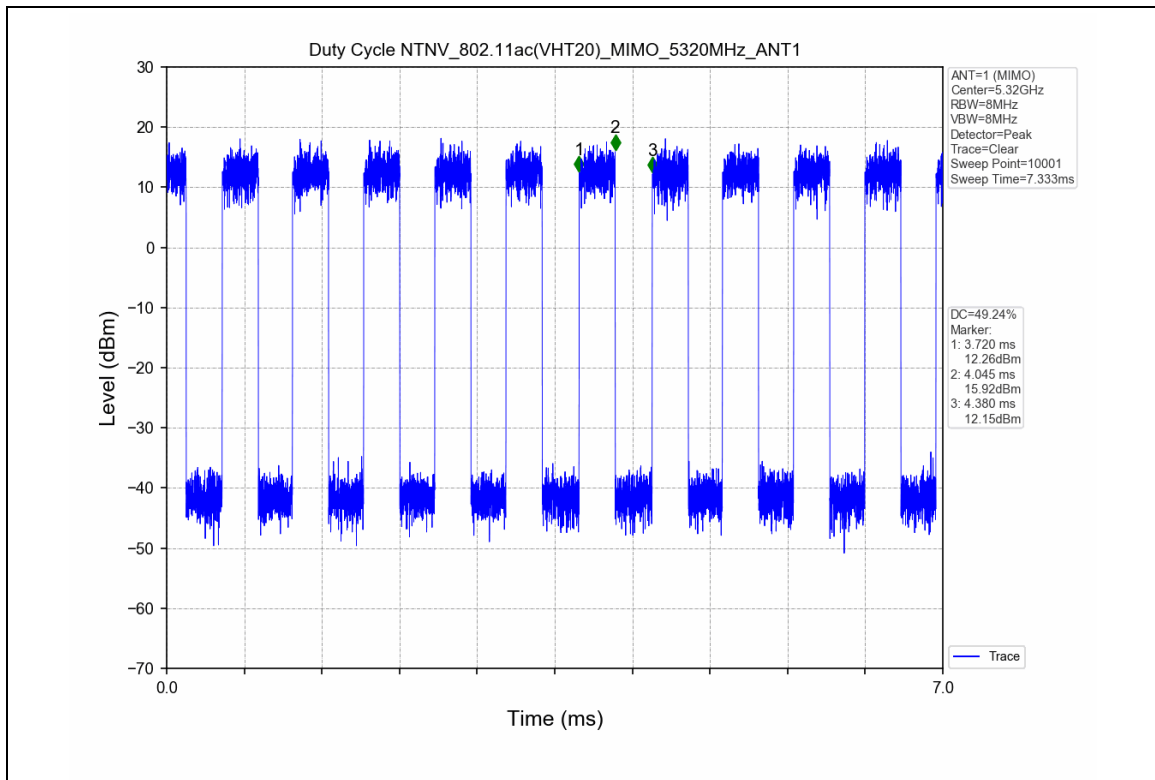
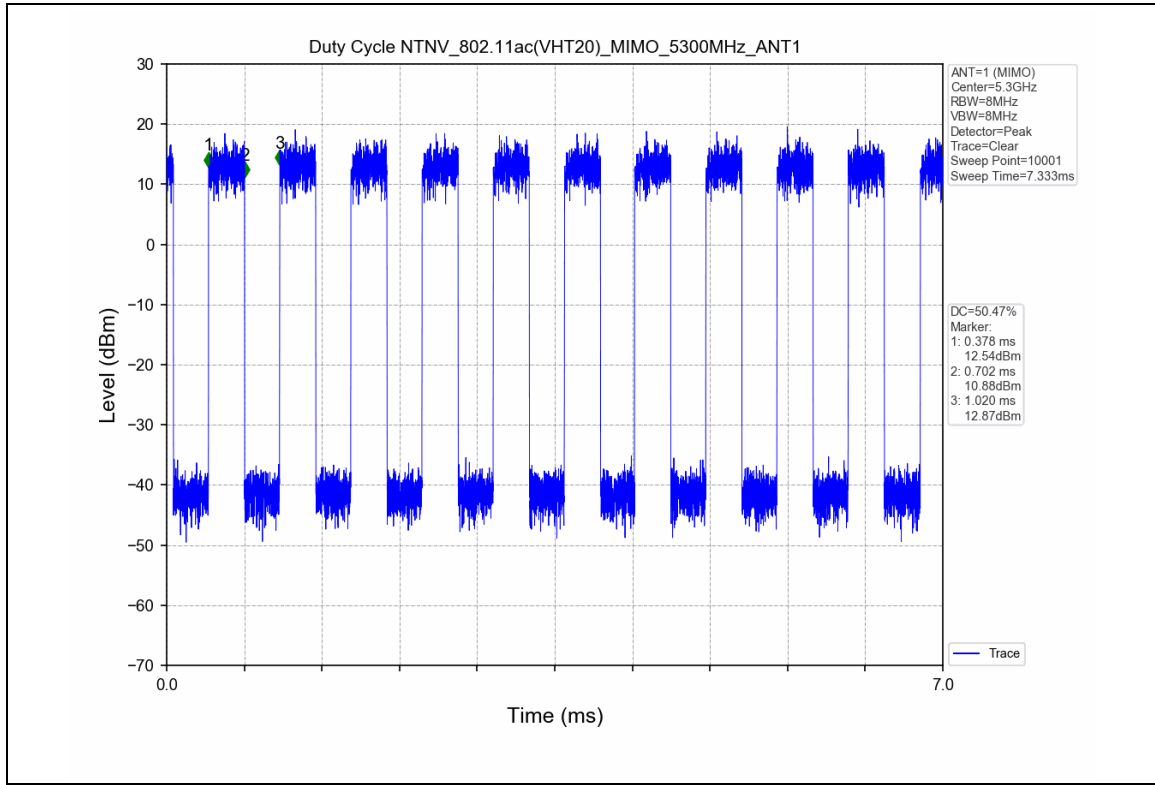


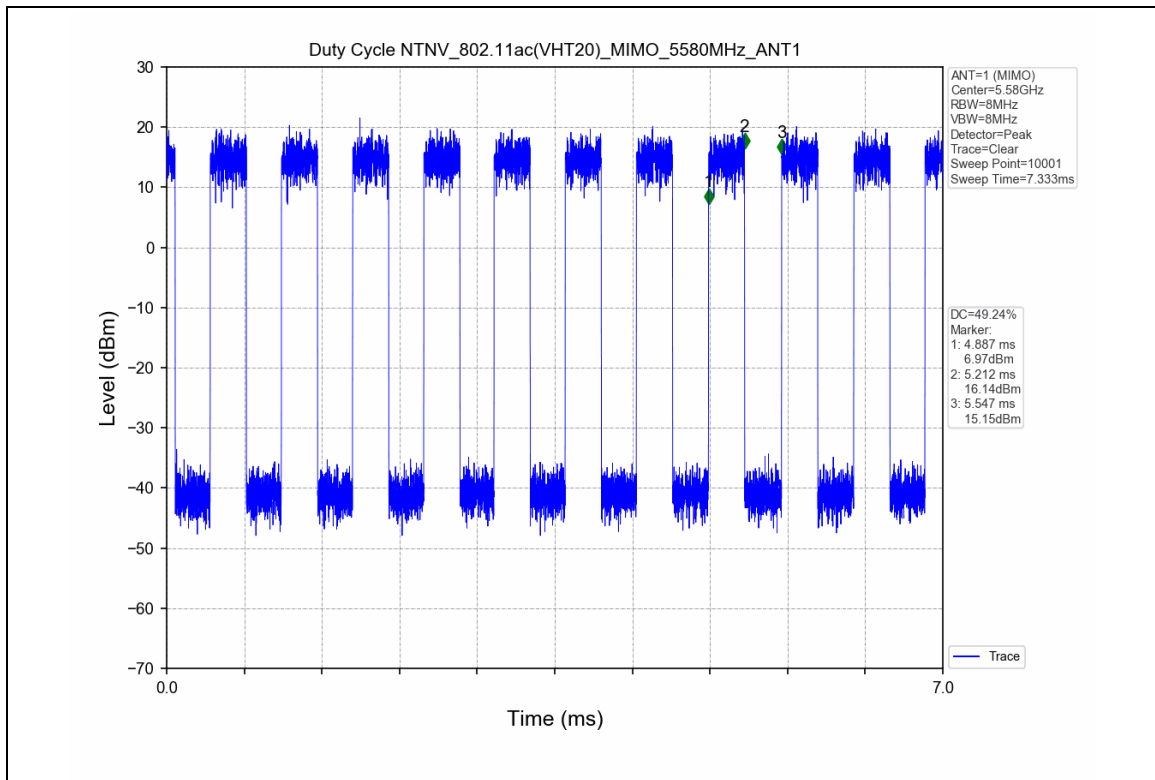
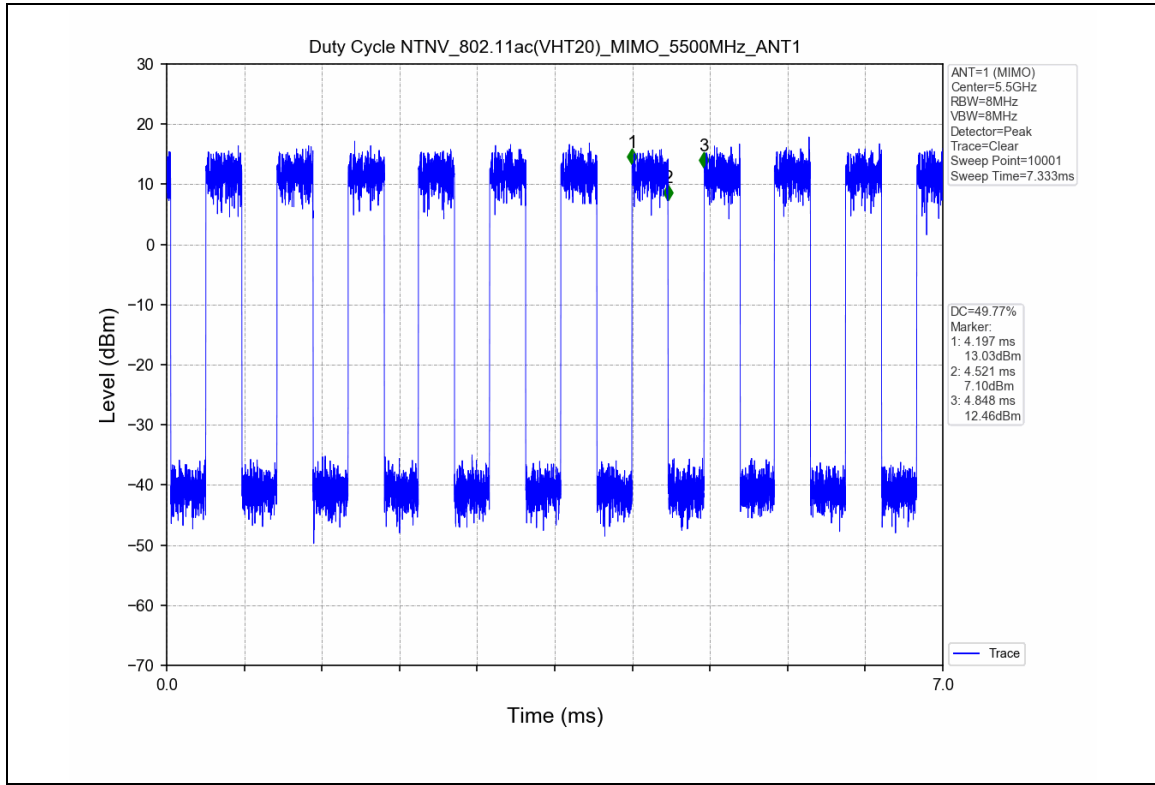


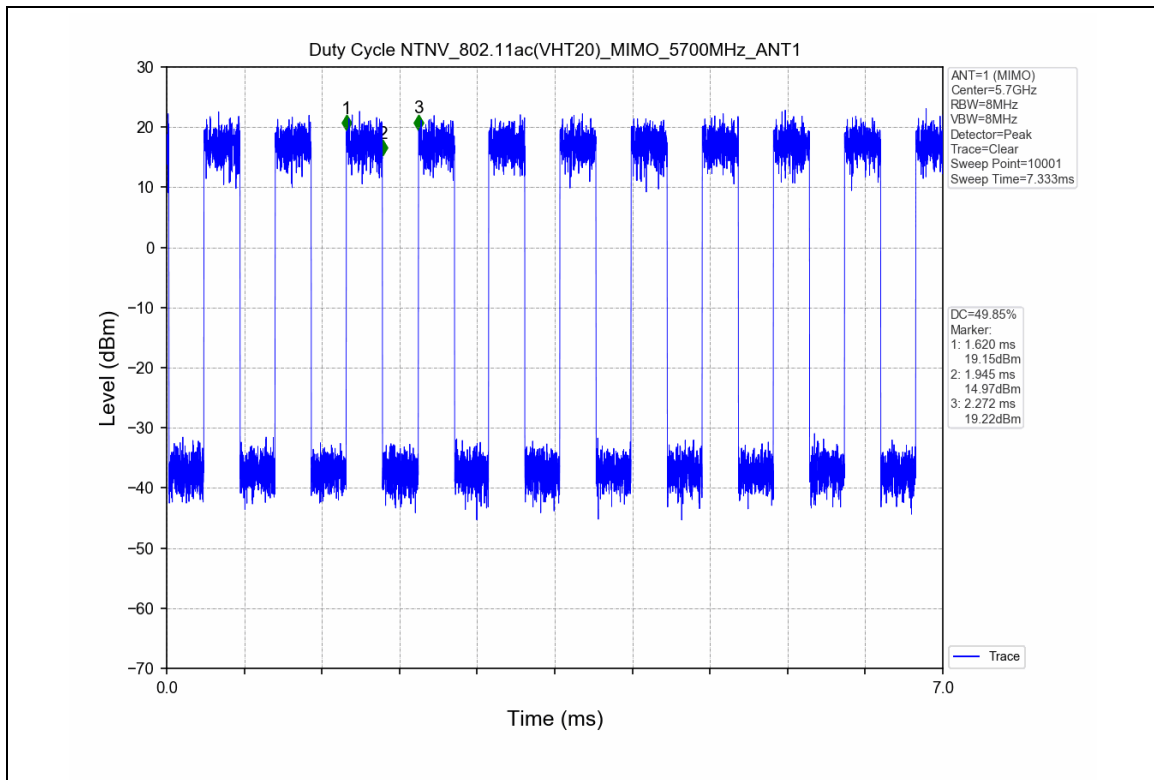
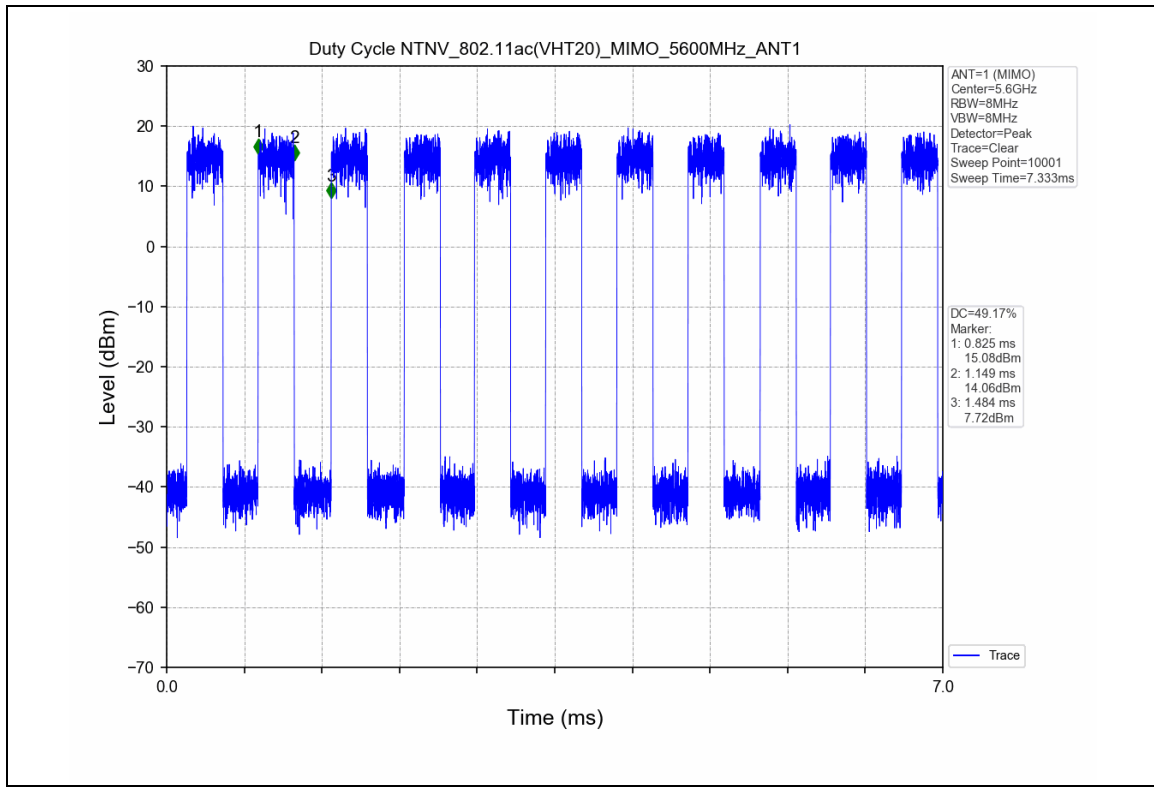


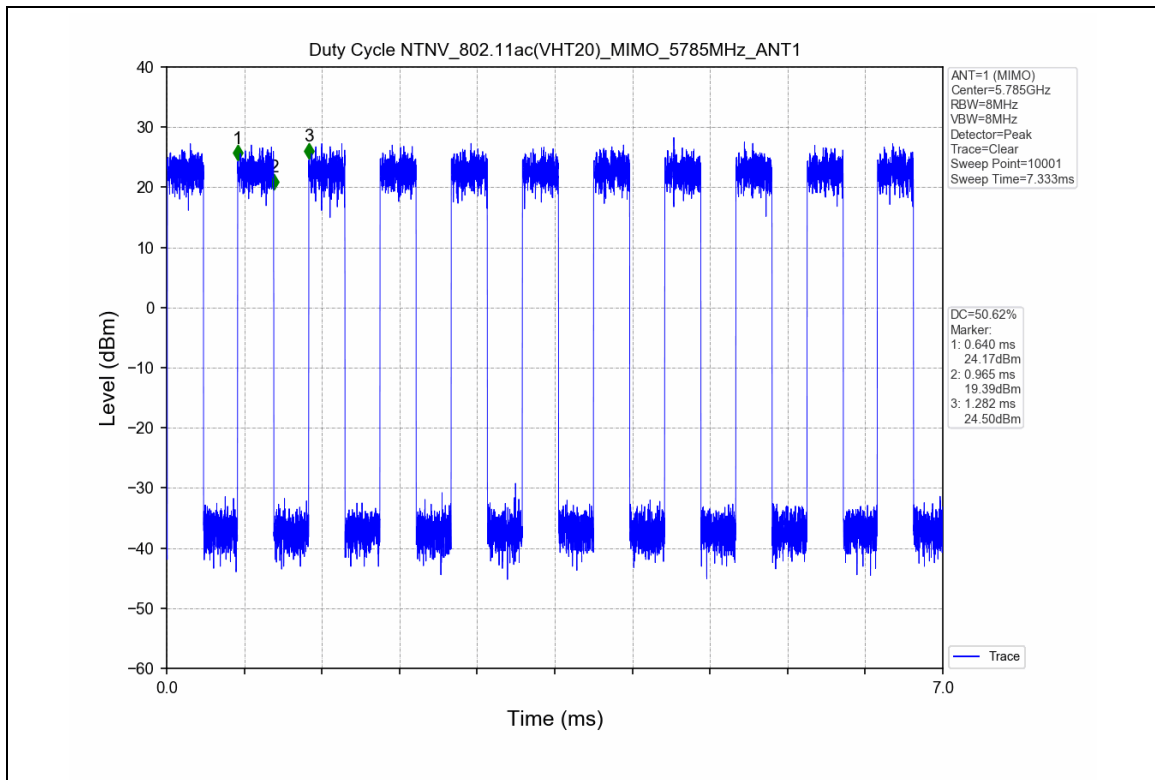
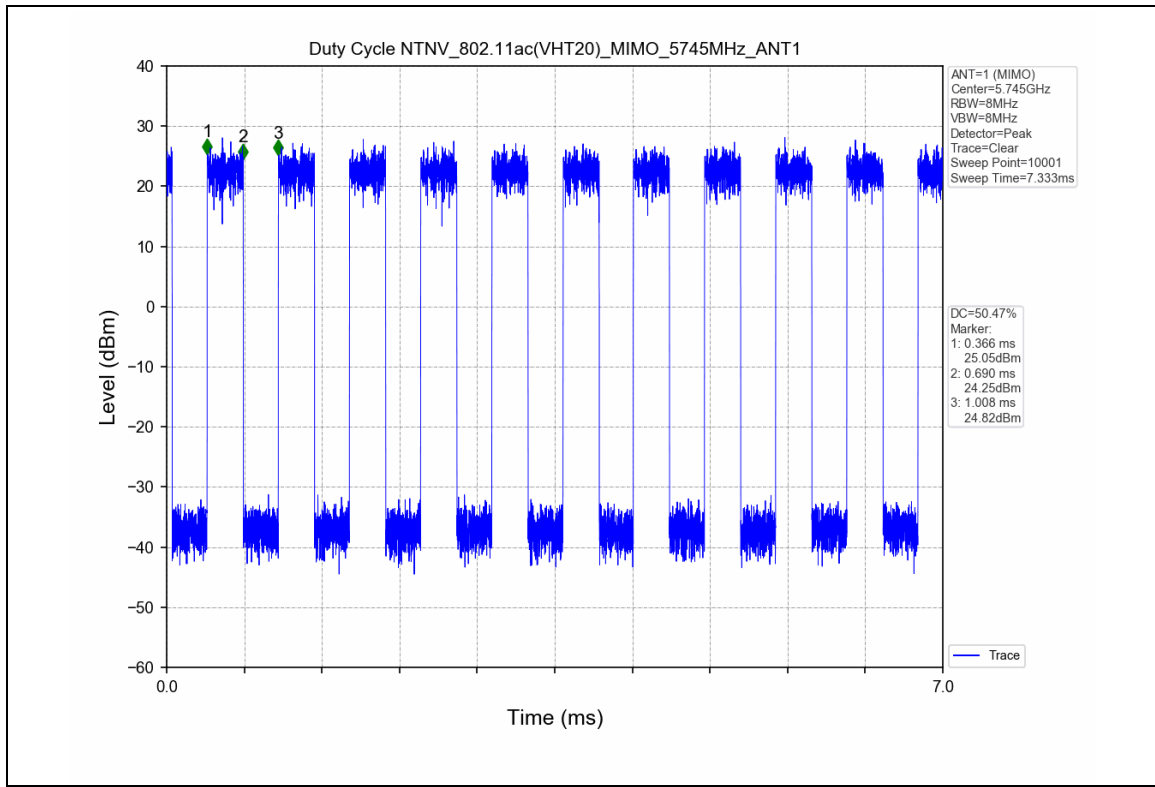


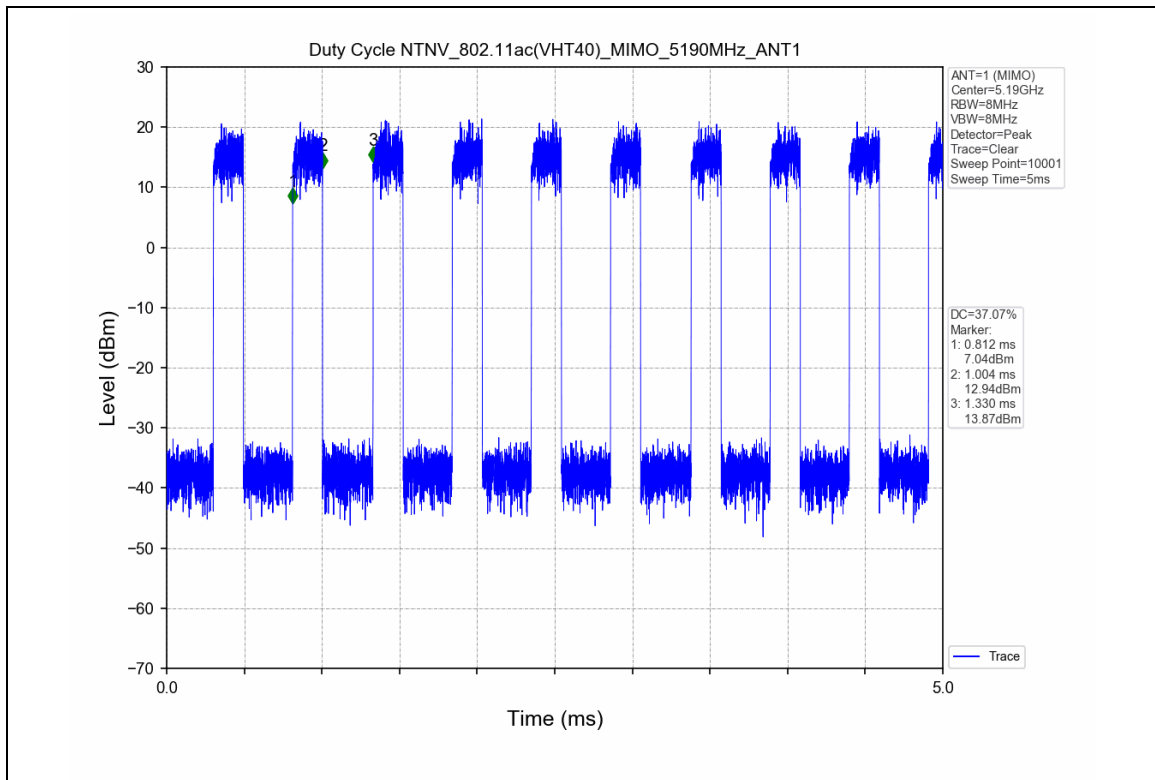
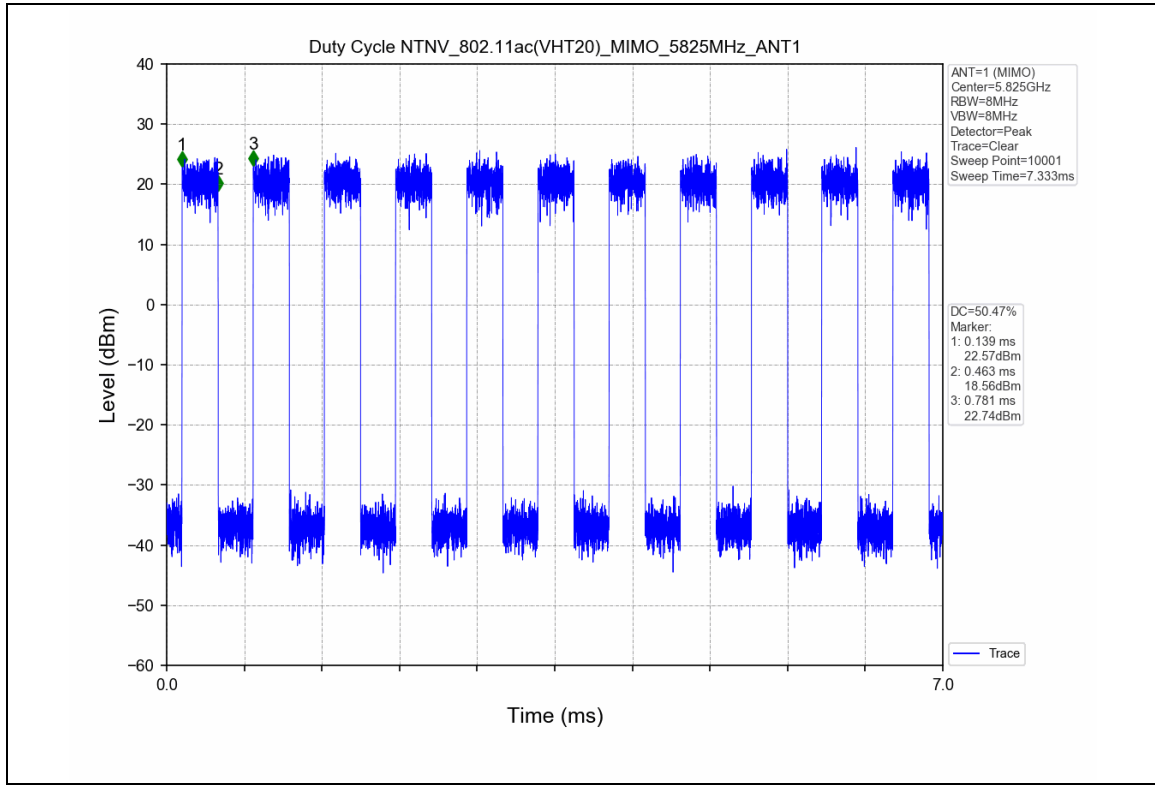


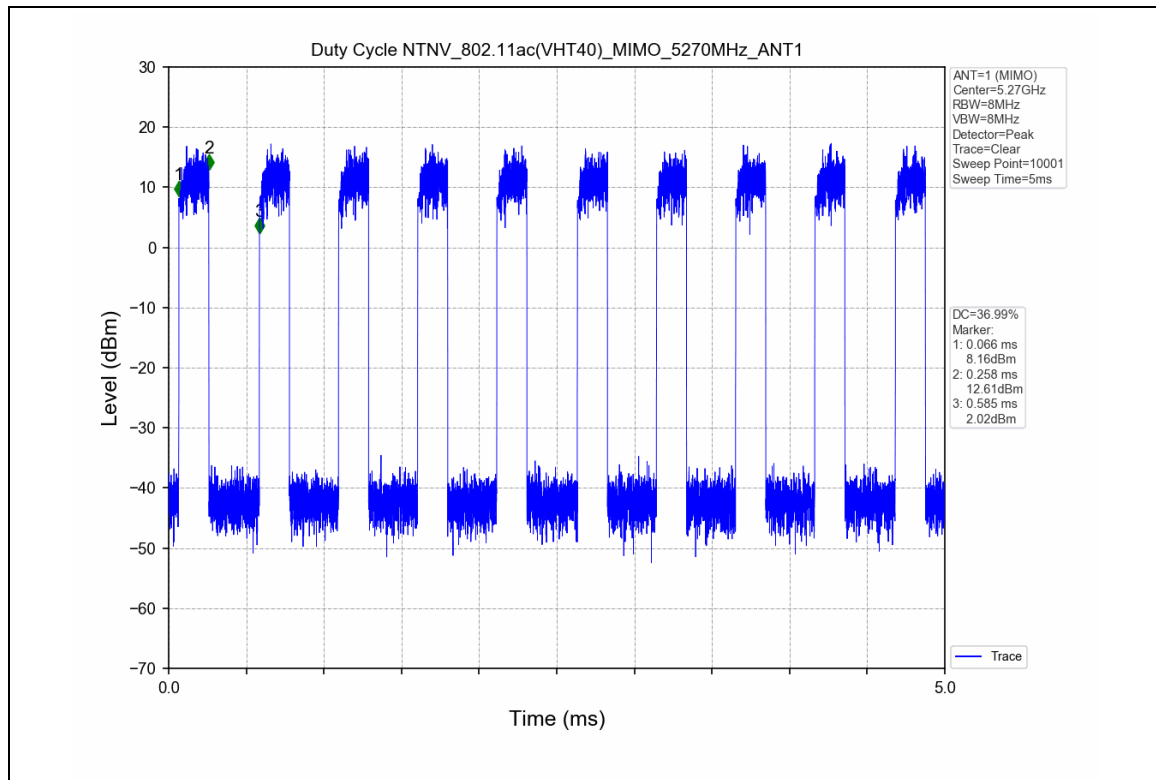
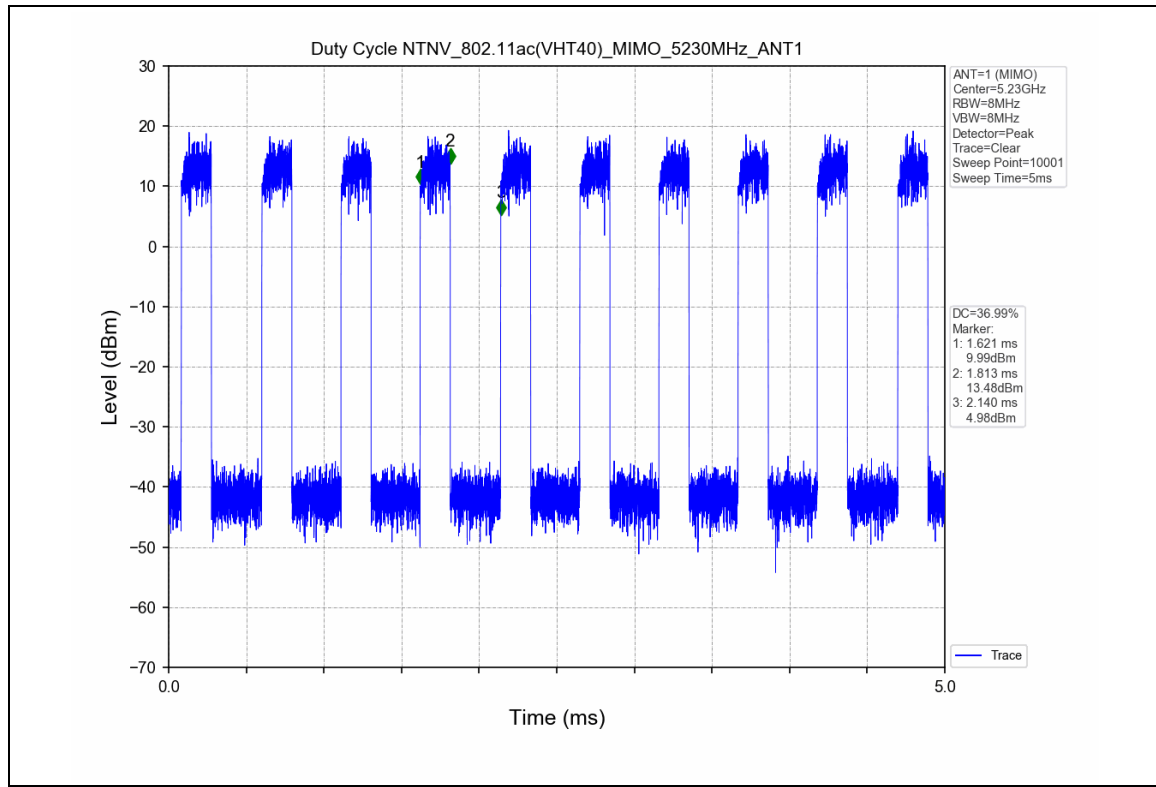


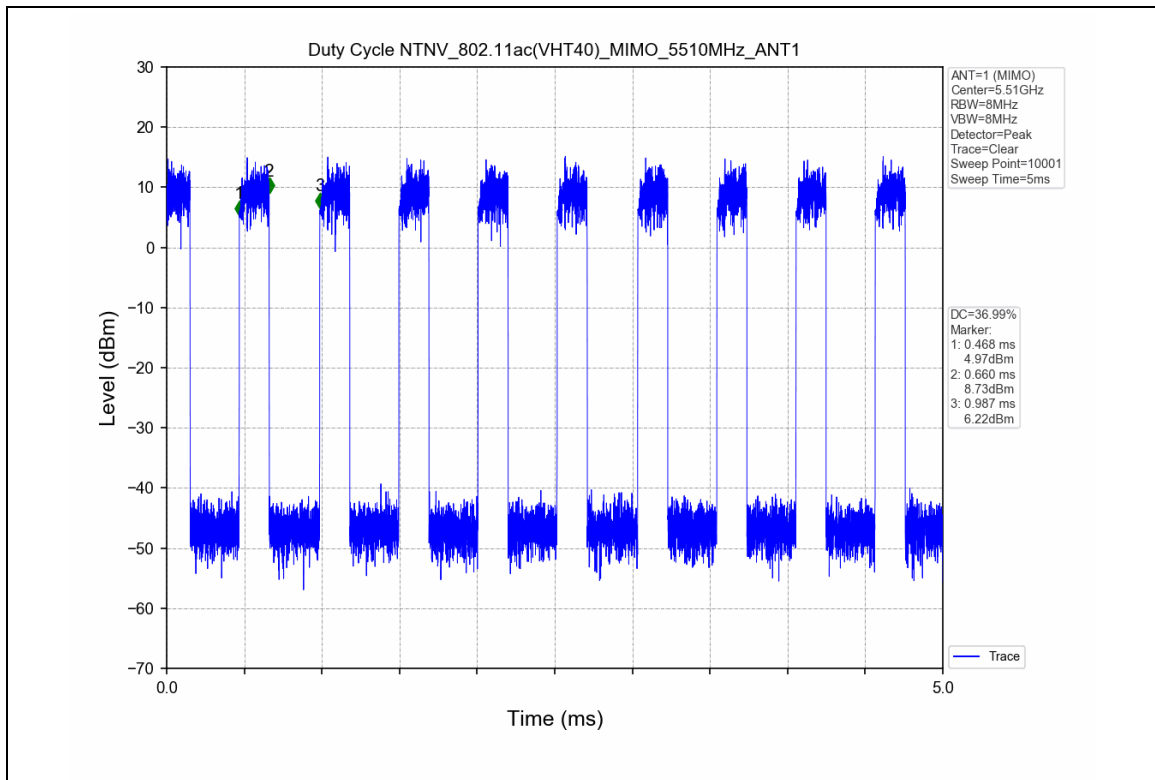
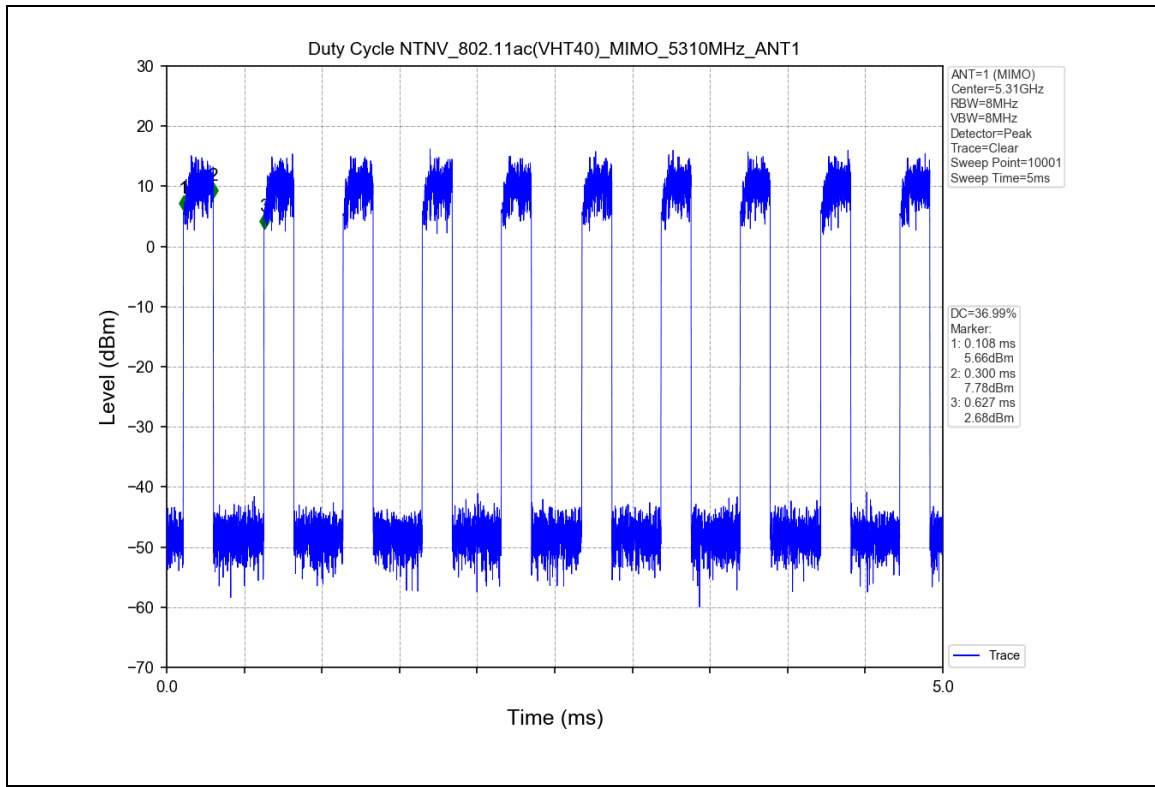


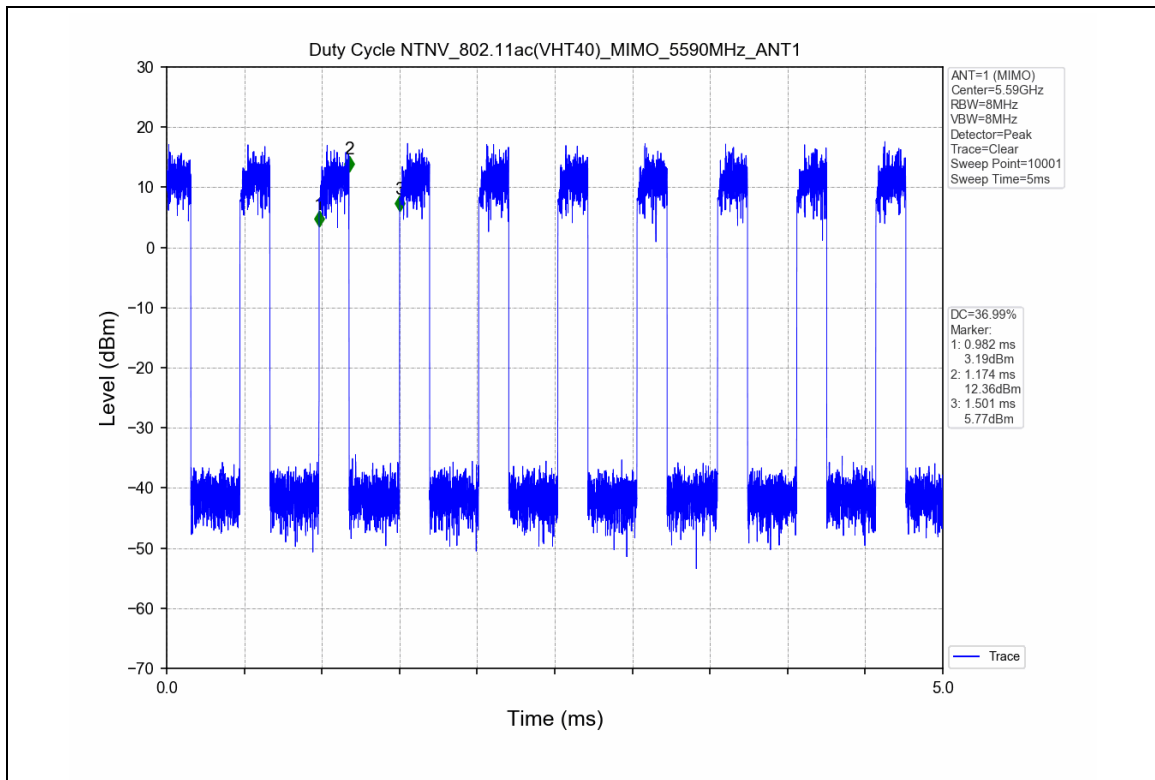
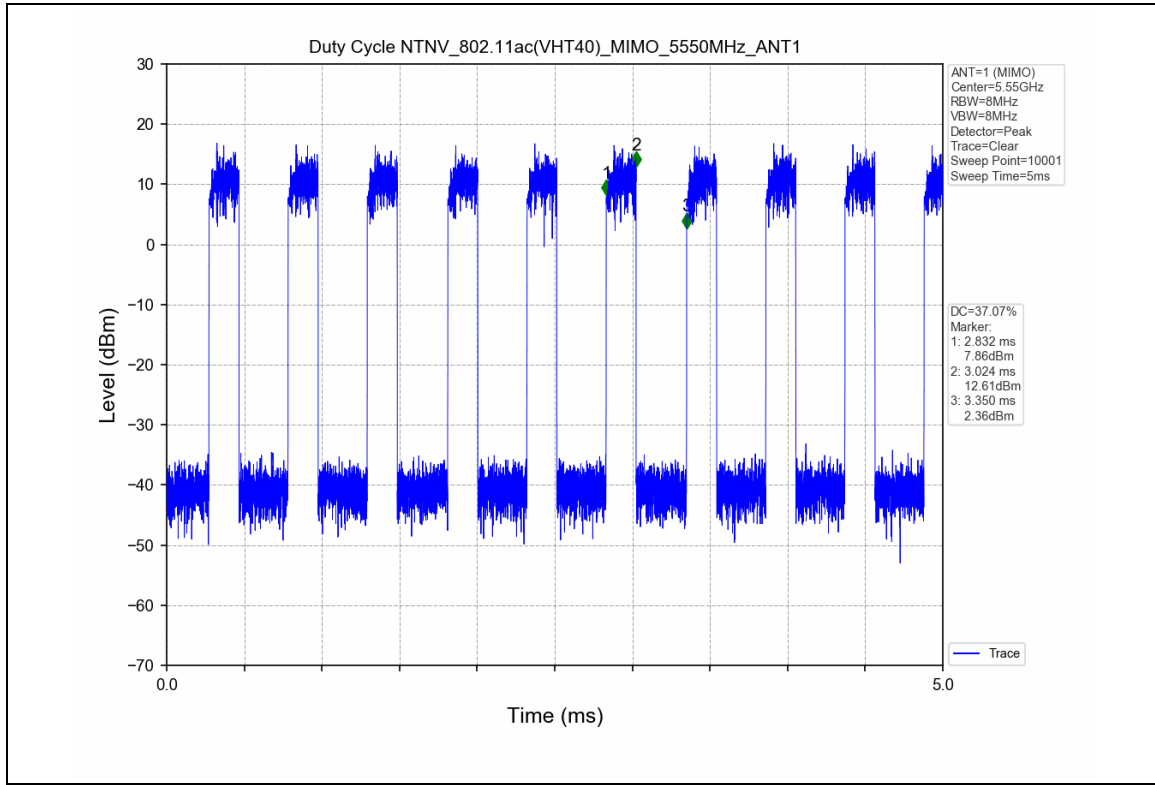


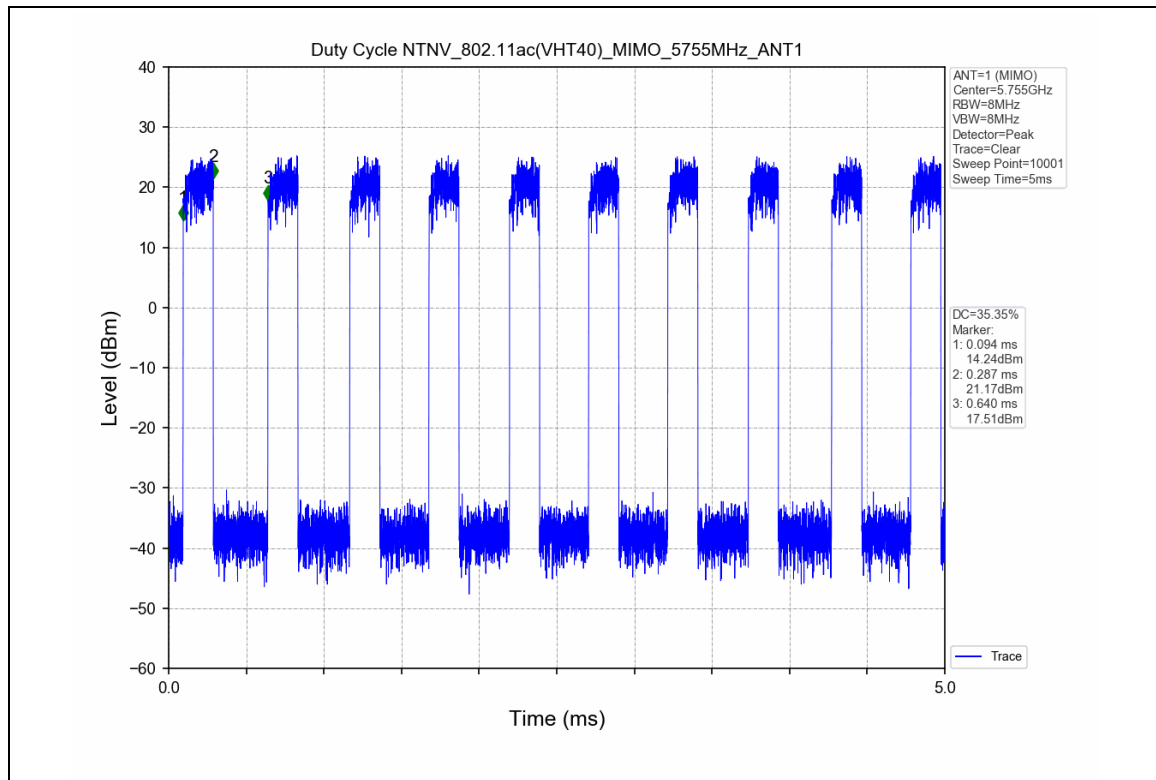
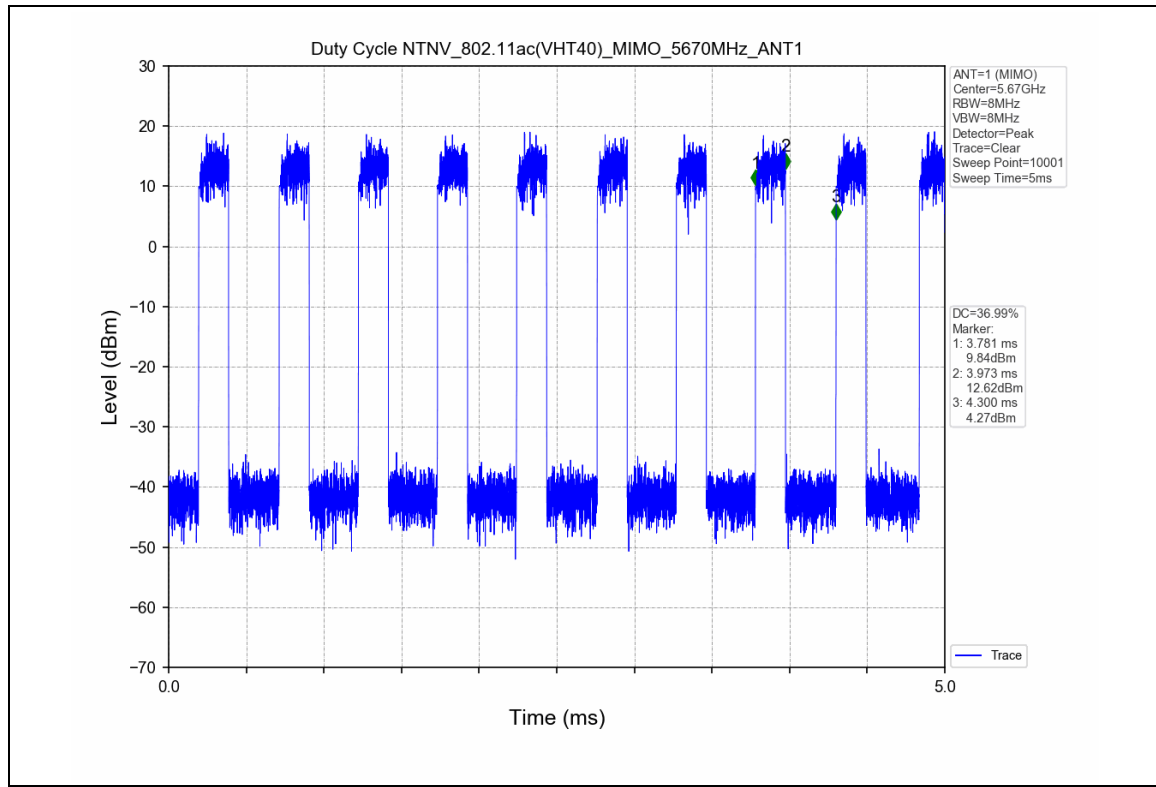


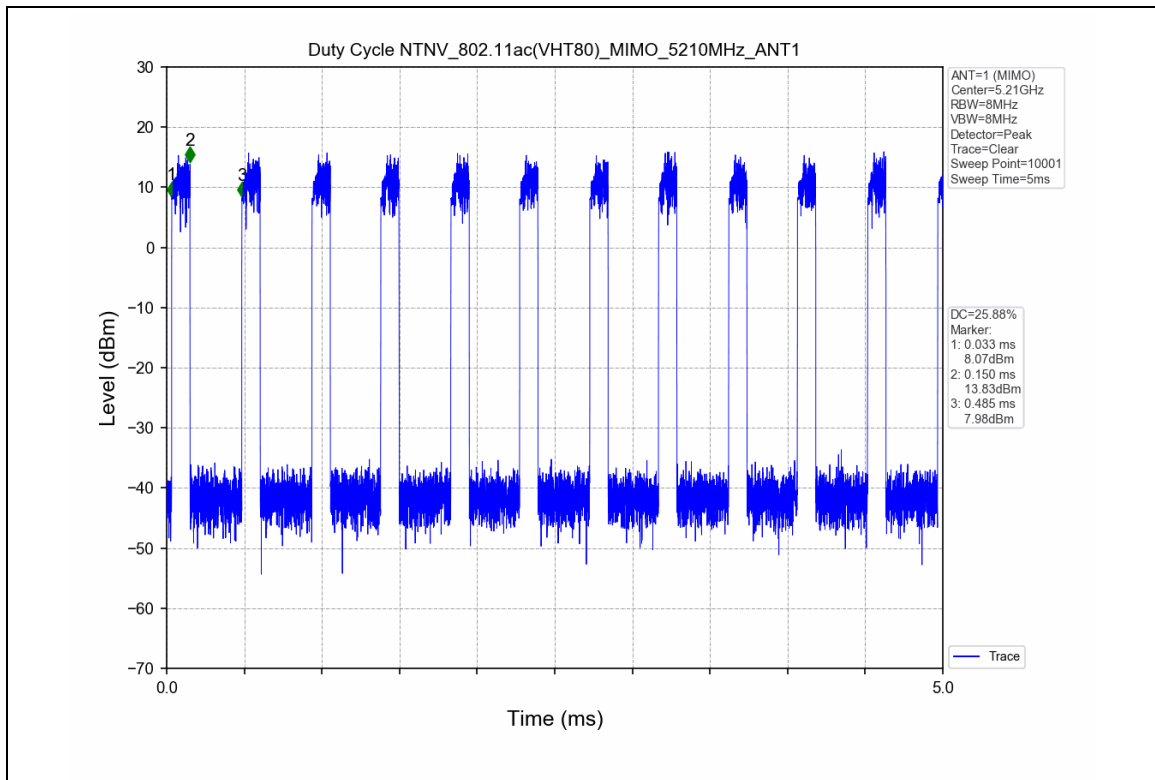
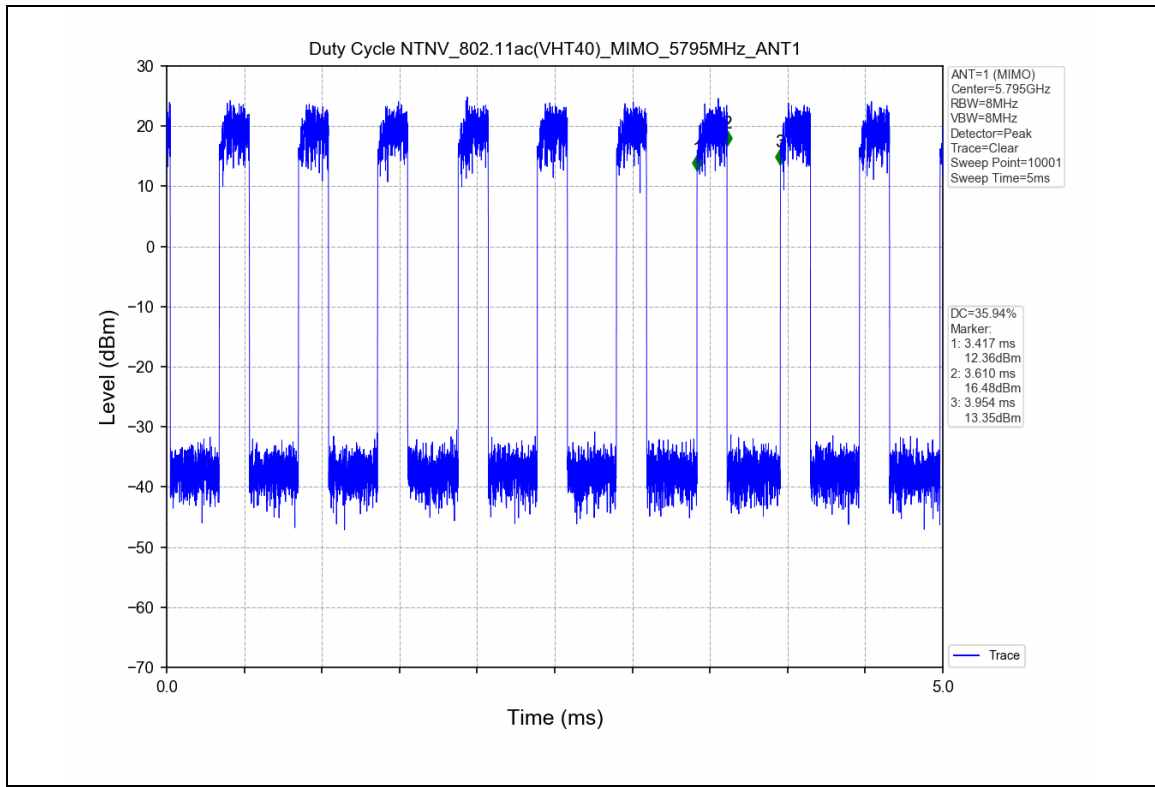


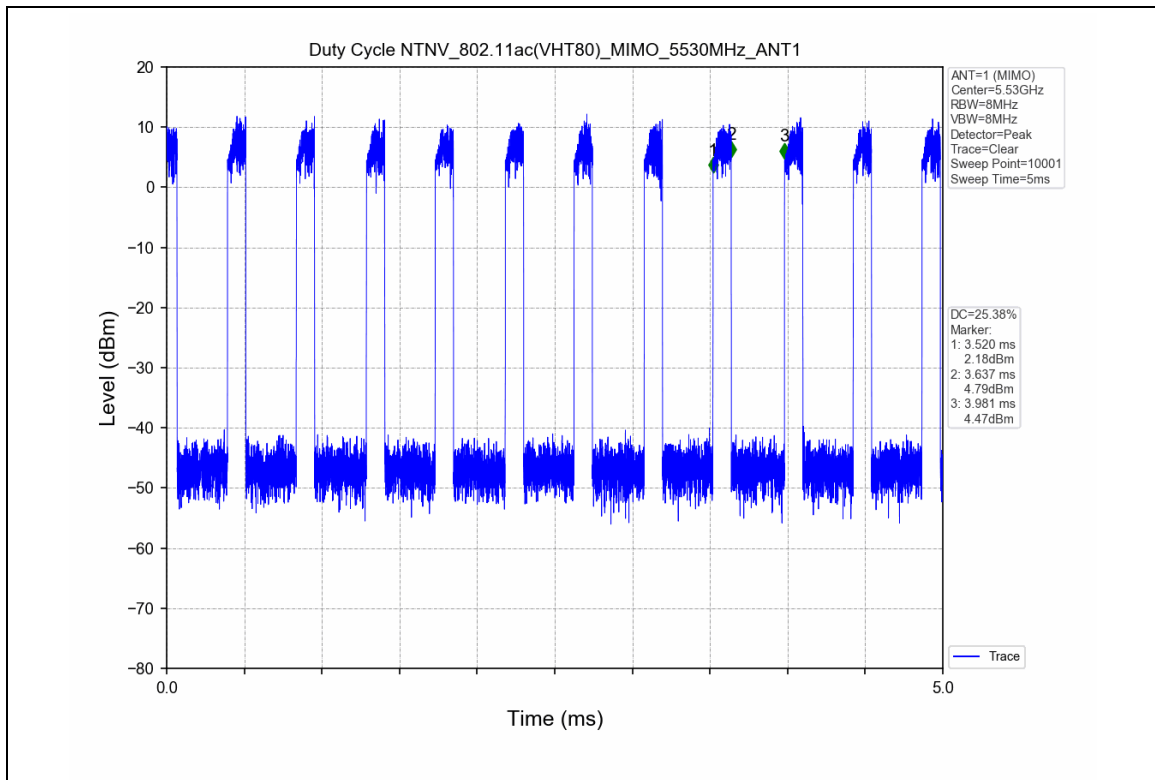
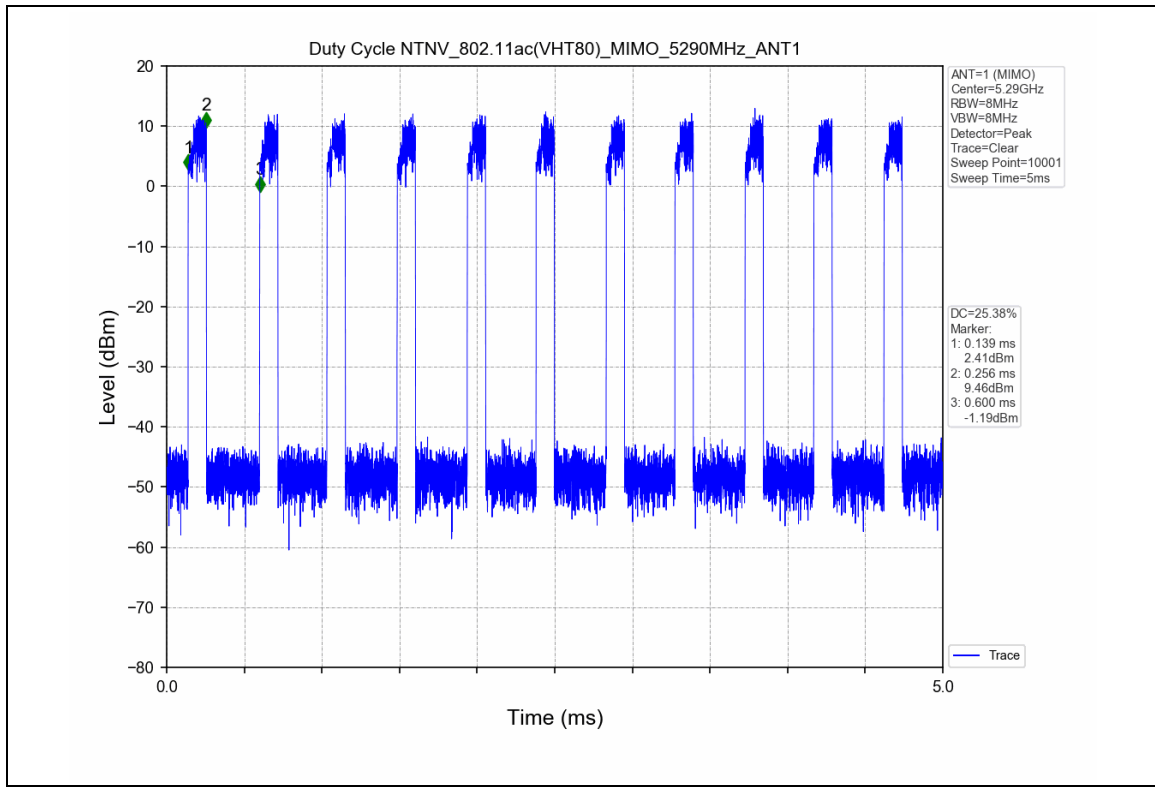


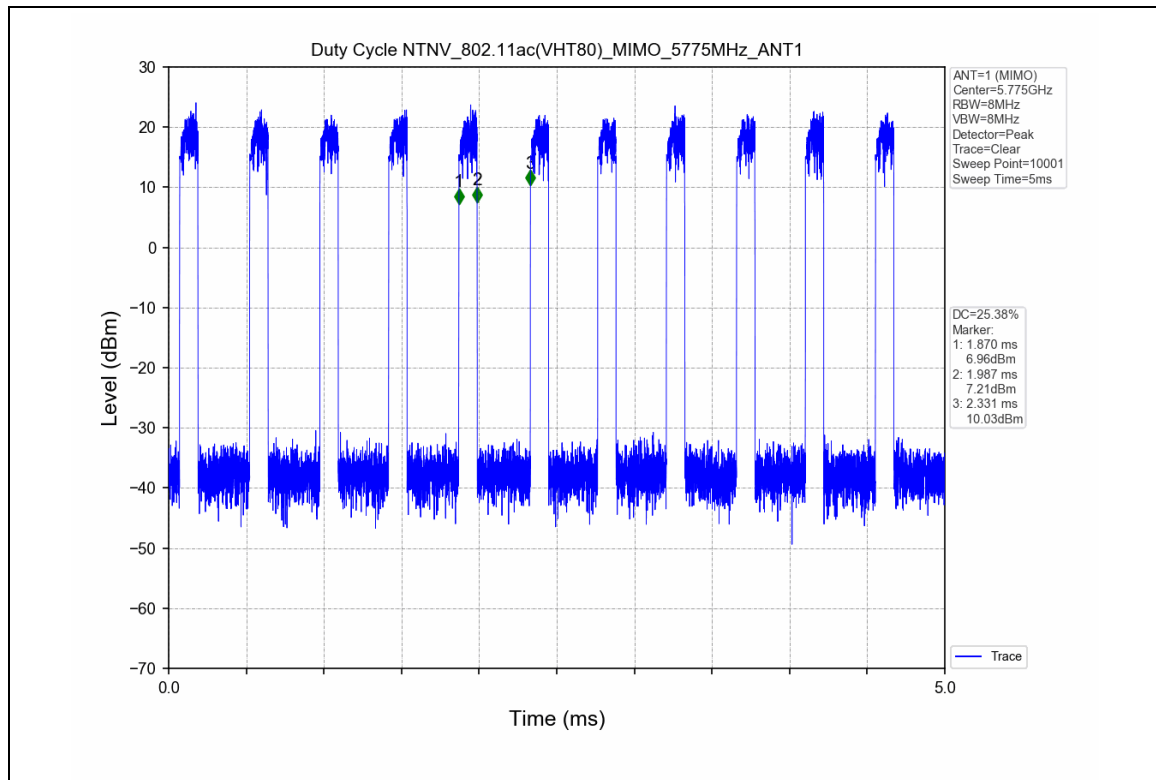
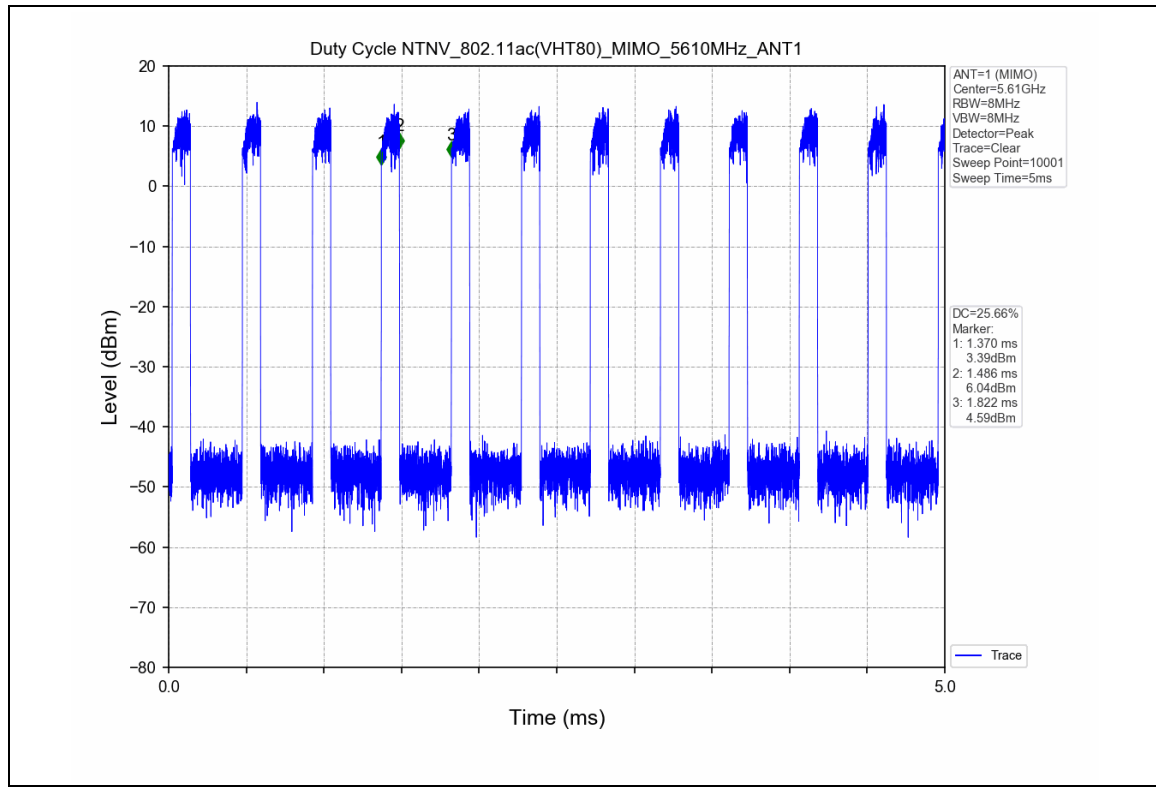












2. Bandwidth

2.1 Test Result

Test Mode	Frequency (MHz)	TX Type	ANT No.	Emission Bandwidth		Verdict
				Test Result (MHz)	Limits (MHz)	
802.11a	5180	SISO	1	19.556	Only for Report Use	PASS
	5200	SISO	1	19.665	Only for Report Use	PASS
	5240	SISO	1	19.591	Only for Report Use	PASS
	5260	SISO	1	19.744	Only for Report Use	PASS
	5300	SISO	1	19.834	Only for Report Use	PASS
	5320	SISO	1	19.364	Only for Report Use	PASS
	5500	SISO	1	19.716	Only for Report Use	PASS
	5580	SISO	1	19.670	Only for Report Use	PASS
	5600	SISO	1	19.638	Only for Report Use	PASS
	5700	SISO	1	19.669	Only for Report Use	PASS
802.11n(HT20)	5180	MIMO	1	19.801	Only for Report Use	PASS
	5200	MIMO	1	19.836	Only for Report Use	PASS
	5240	MIMO	1	19.912	Only for Report Use	PASS
	5260	MIMO	1	19.790	Only for Report Use	PASS
	5300	MIMO	1	19.773	Only for Report Use	PASS
	5320	MIMO	1	19.786	Only for Report Use	PASS
	5500	MIMO	1	20.172	Only for Report Use	PASS
	5580	MIMO	1	20.067	Only for Report Use	PASS
	5600	MIMO	1	20.125	Only for Report Use	PASS
	5700	MIMO	1	20.131	Only for Report Use	PASS
802.11n(HT40)	5190	MIMO	1	40.044	Only for Report Use	PASS
	5230	MIMO	1	40.803	Only for Report Use	PASS
	5270	MIMO	1	40.287	Only for Report Use	PASS
	5310	MIMO	1	40.358	Only for Report Use	PASS
	5510	MIMO	1	40.441	Only for Report Use	PASS
	5550	MIMO	1	40.330	Only for Report Use	PASS
	5590	MIMO	1	39.647	Only for Report Use	PASS
	5670	MIMO	1	40.138	Only for Report Use	PASS
802.11ac(VHT20)	5180	MIMO	1	19.806	Only for Report Use	PASS
	5200	MIMO	1	19.841	Only for Report Use	PASS
	5240	MIMO	1	20.030	Only for Report Use	PASS
	5260	MIMO	1	19.985	Only for Report Use	PASS
	5300	MIMO	1	19.982	Only for Report Use	PASS
	5320	MIMO	1	20.170	Only for Report Use	PASS
	5500	MIMO	1	19.878	Only for Report Use	PASS
	5580	MIMO	1	20.124	Only for Report Use	PASS



	5600	MIMO	1	20.171	Only for Report Use	PASS
	5700	MIMO	1	19.946	Only for Report Use	PASS
802.11ac(VHT40)	5190	MIMO	1	40.011	Only for Report Use	PASS
	5230	MIMO	1	40.112	Only for Report Use	PASS
	5270	MIMO	1	40.368	Only for Report Use	PASS
	5310	MIMO	1	40.253	Only for Report Use	PASS
	5510	MIMO	1	40.068	Only for Report Use	PASS
	5550	MIMO	1	40.097	Only for Report Use	PASS
	5590	MIMO	1	39.925	Only for Report Use	PASS
	5670	MIMO	1	40.196	Only for Report Use	PASS
802.11ac(VHT80)	5210	MIMO	1	79.902	Only for Report Use	PASS
	5290	MIMO	1	80.257	Only for Report Use	PASS
	5530	MIMO	1	80.440	Only for Report Use	PASS
	5610	MIMO	1	79.834	Only for Report Use	PASS

Test Mode	Frequency (MHz)	TX Type	ANT No.	Emission Bandwidth		Verdict
				Test Result (MHz)	Limits (MHz)	
802.11a	5745	SISO	1	15.263	≥0.5	PASS
	5785	SISO	1	14.320	≥0.5	PASS
	5825	SISO	1	13.836	≥0.5	PASS
802.11n(HT20)	5745	MIMO	1	15.102	≥0.5	PASS
	5785	MIMO	1	13.962	≥0.5	PASS
	5825	MIMO	1	15.126	≥0.5	PASS
802.11n(HT40)	5755	MIMO	1	33.839	≥0.5	PASS
	5795	MIMO	1	33.946	≥0.5	PASS
802.11ac(VHT20)	5745	MIMO	1	15.161	≥0.5	PASS
	5785	MIMO	1	15.392	≥0.5	PASS
	5825	MIMO	1	15.965	≥0.5	PASS
802.11ac(VHT40)	5755	MIMO	1	33.911	≥0.5	PASS
	5795	MIMO	1	31.667	≥0.5	PASS
802.11ac(VHT80)	5775	MIMO	1	70.174	≥0.5	PASS



2.2 Test Graph - Emission Bandwidth

