

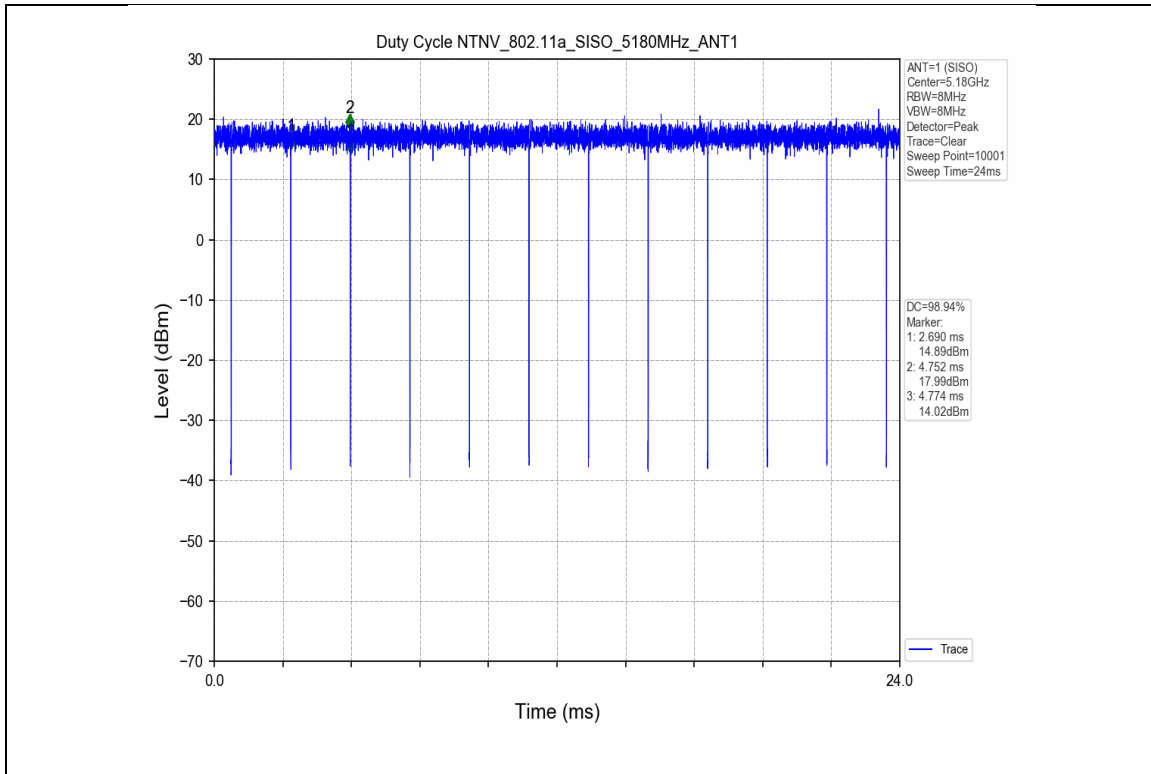
Appendix B for SHEM210200159402

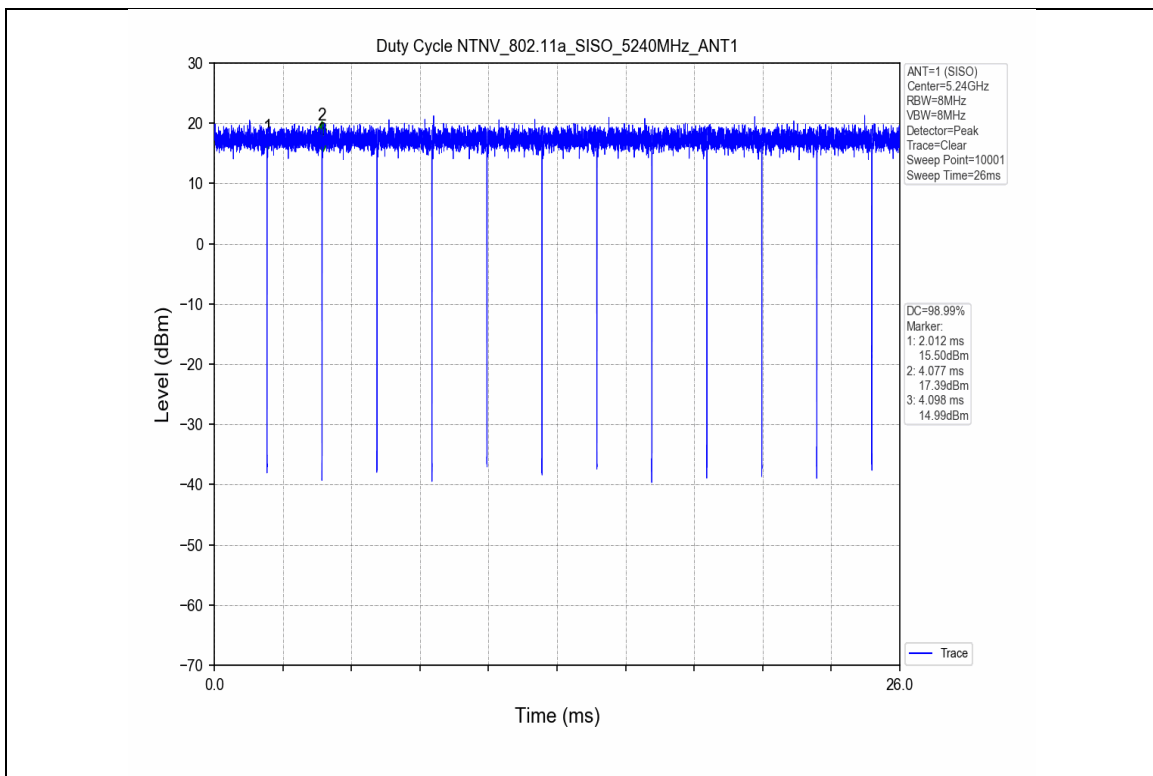
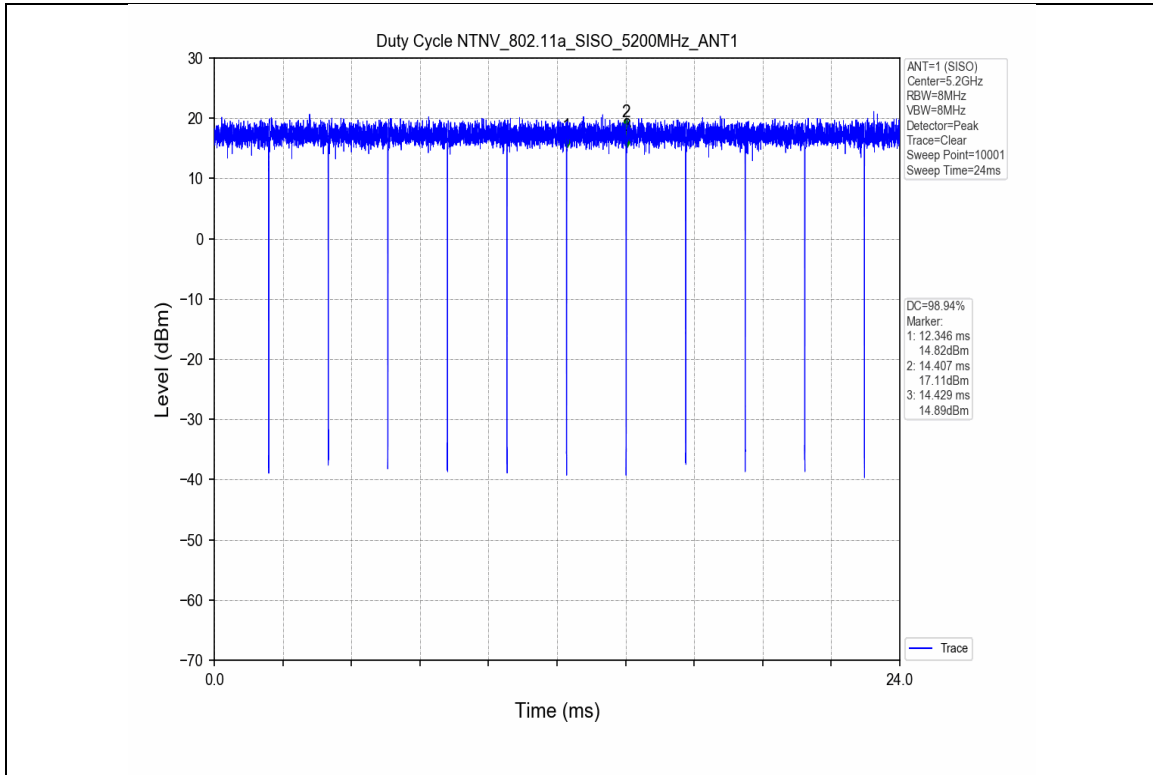
1. Duty Cycle

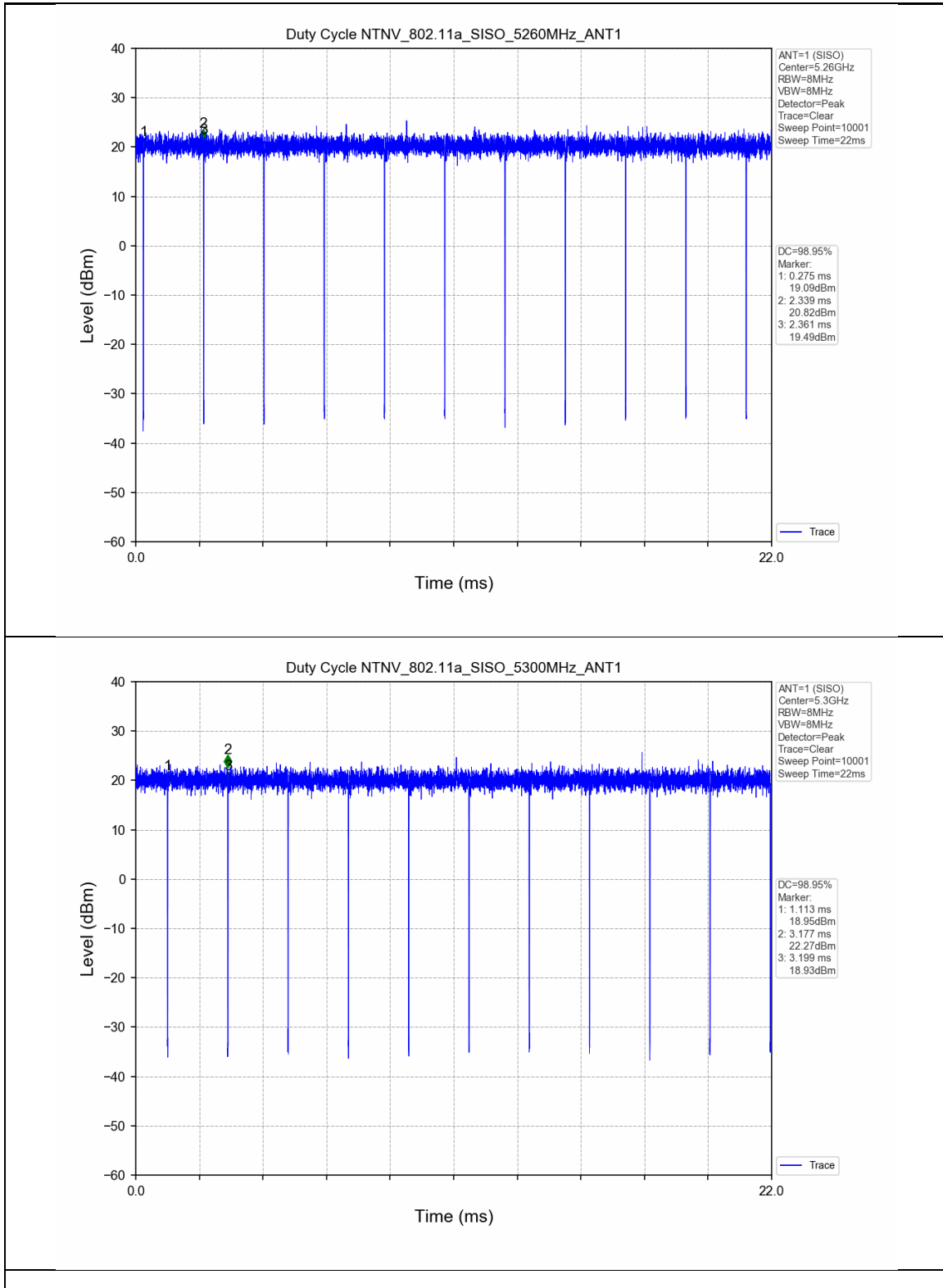
1.1 Test Result

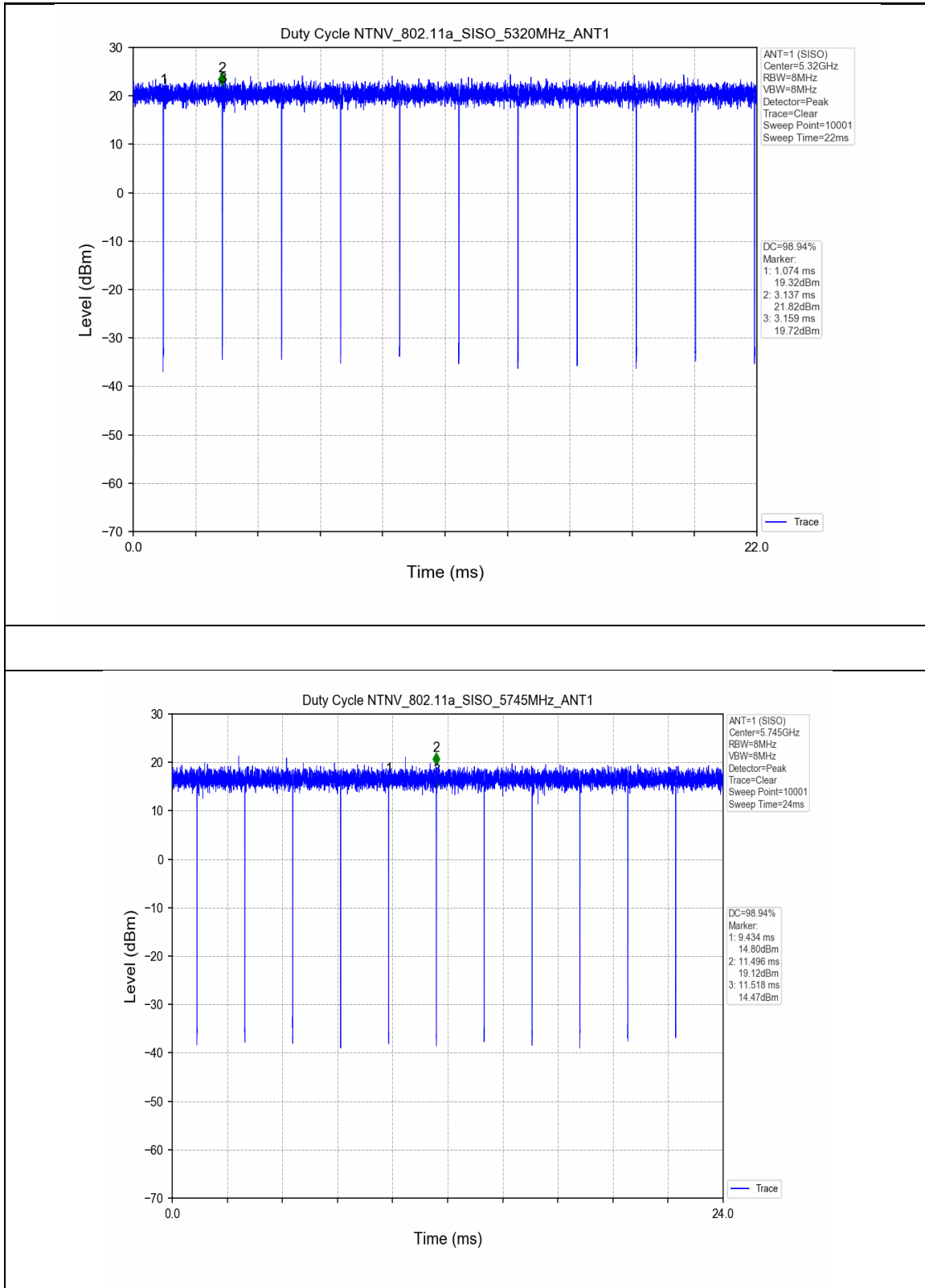
Test Mode	Channel Frequency (MHz)	TX Type	ANT No.	T_on (ms)	Period (ms)	Duty Cycle (%)	Duty Cycle Correction Factor (dB)
802.11a	5180	SISO	1	2.062	2.084	98.94	0.05
	5200	SISO	1	2.061	2.083	98.94	0.05
	5240	SISO	1	2.065	2.086	98.99	0.04
	5260	SISO	1	2.064	2.086	98.95	0.05
	5300	SISO	1	2.064	2.086	98.95	0.05
	5320	SISO	1	2.063	2.085	98.94	0.05
	5745	SISO	1	2.062	2.084	98.94	0.05
	5785	SISO	1	2.036	2.058	98.93	0.05
802.11n(HT20)	5825	SISO	1	2.035	2.057	98.93	0.05
	5180	SISO	1	1.336	1.388	96.25	0.17
	5200	SISO	1	1.336	1.388	96.25	0.17
	5240	SISO	1	1.335	1.387	96.25	0.17
	5260	SISO	1	1.336	1.388	96.25	0.17
	5300	SISO	1	1.334	1.387	96.18	0.17
	5320	SISO	1	1.335	1.387	96.25	0.17
	5745	SISO	1	1.336	1.387	96.32	0.16
802.11n(HT40)	5785	SISO	1	1.336	1.387	96.32	0.16
	5825	SISO	1	1.335	1.387	96.25	0.17
	5190	SISO	1	0.916	1.014	90.34	0.44
	5230	SISO	1	0.915	1.014	90.24	0.45
	5270	SISO	1	0.915	1.014	90.24	0.45
	5310	SISO	1	0.915	1.014	90.24	0.45
802.11ac(VHT20)	5755	SISO	1	0.915	1.014	90.24	0.45
	5795	SISO	1	0.915	1.014	90.24	0.45
	5180	SISO	1	1.900	2.001	94.95	0.23
	5200	SISO	1	1.901	2.002	94.96	0.22
	5240	SISO	1	1.900	2.001	94.95	0.23
	5260	SISO	1	1.900	2.001	94.95	0.23
	5300	SISO	1	1.901	2.002	94.96	0.22
	5320	SISO	1	1.900	2.001	94.95	0.23
802.11ac(VHT40)	5745	SISO	1	1.901	2.002	94.96	0.22
	5785	SISO	1	1.900	2.001	94.95	0.23
	5825	SISO	1	1.900	2.001	94.95	0.23
	5190	SISO	1	0.924	1.024	90.23	0.45
	5230	SISO	1	0.923	1.022	90.31	0.44
	5270	SISO	1	0.923	1.022	90.31	0.44
	5310	SISO	1	0.922	1.022	90.22	0.45
	5755	SISO	1	0.923	1.022	90.31	0.44
802.11ac(VHT80)	5795	SISO	1	0.923	1.022	90.31	0.44
	5210	SISO	1	0.075	0.174	43.10	3.66
	5290	SISO	1	0.460	0.562	81.85	0.87
	5775	SISO	1	0.075	0.173	43.35	3.63

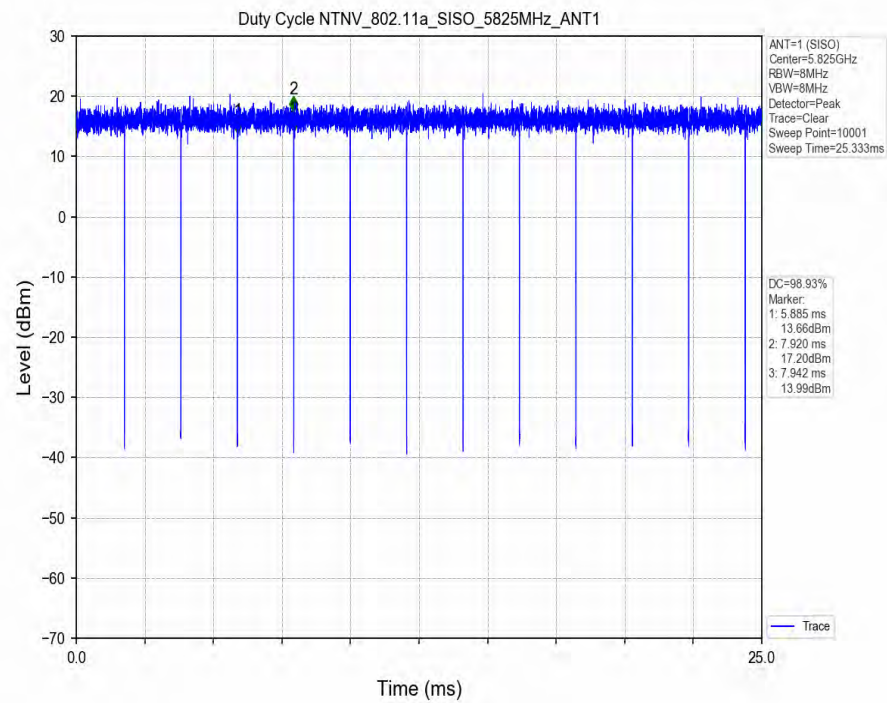
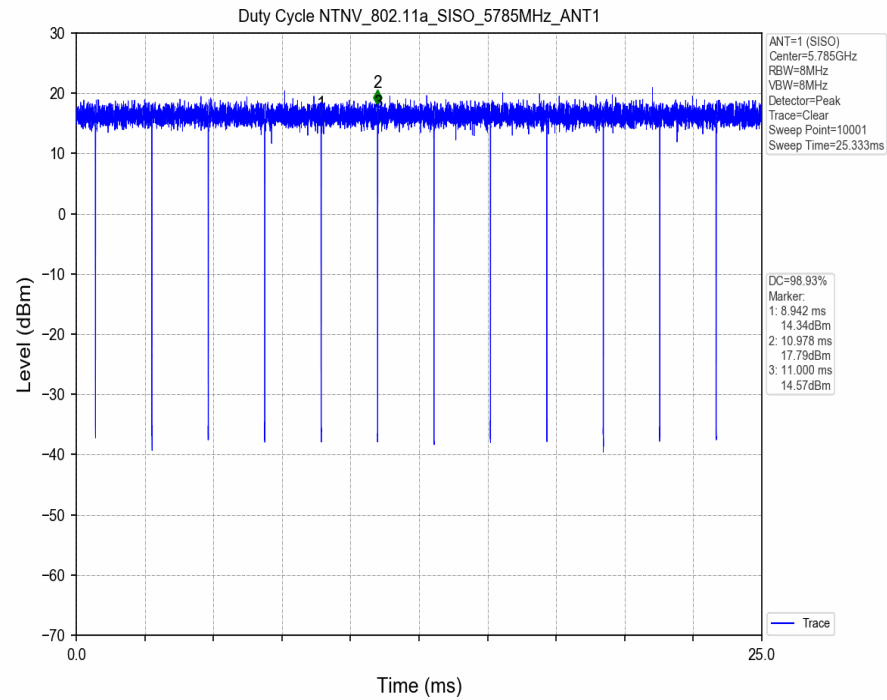
1.2 Test Graph

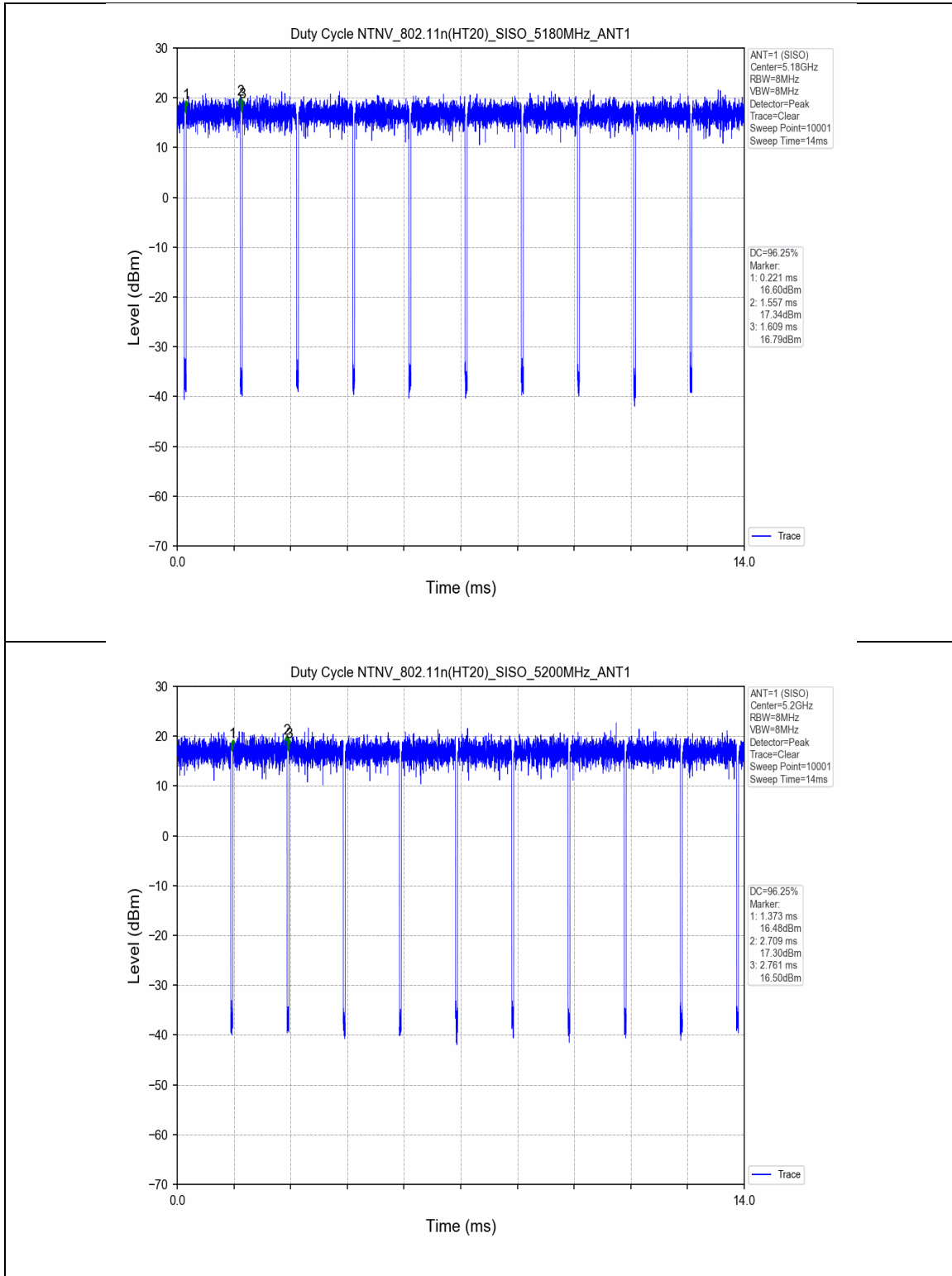


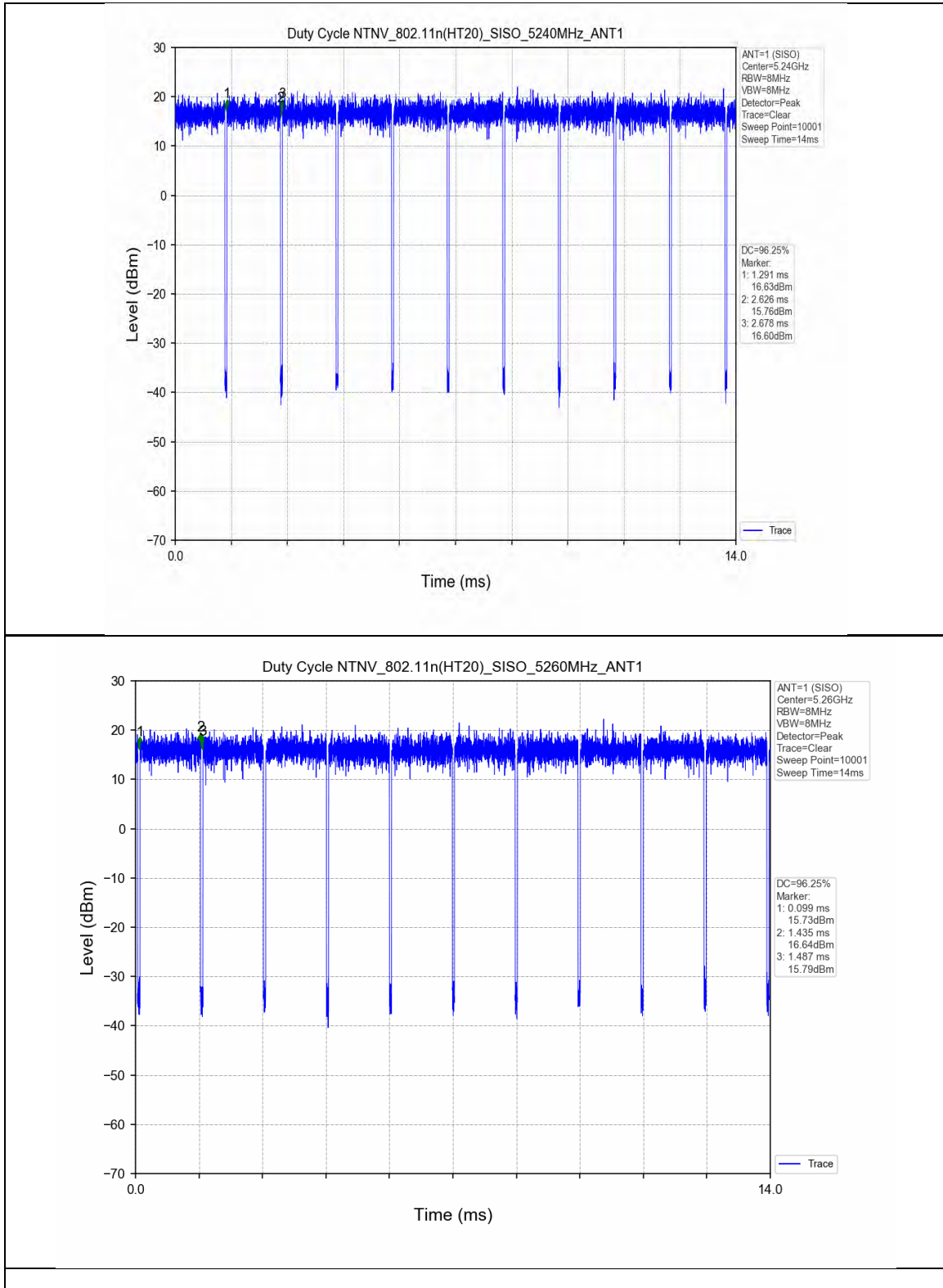


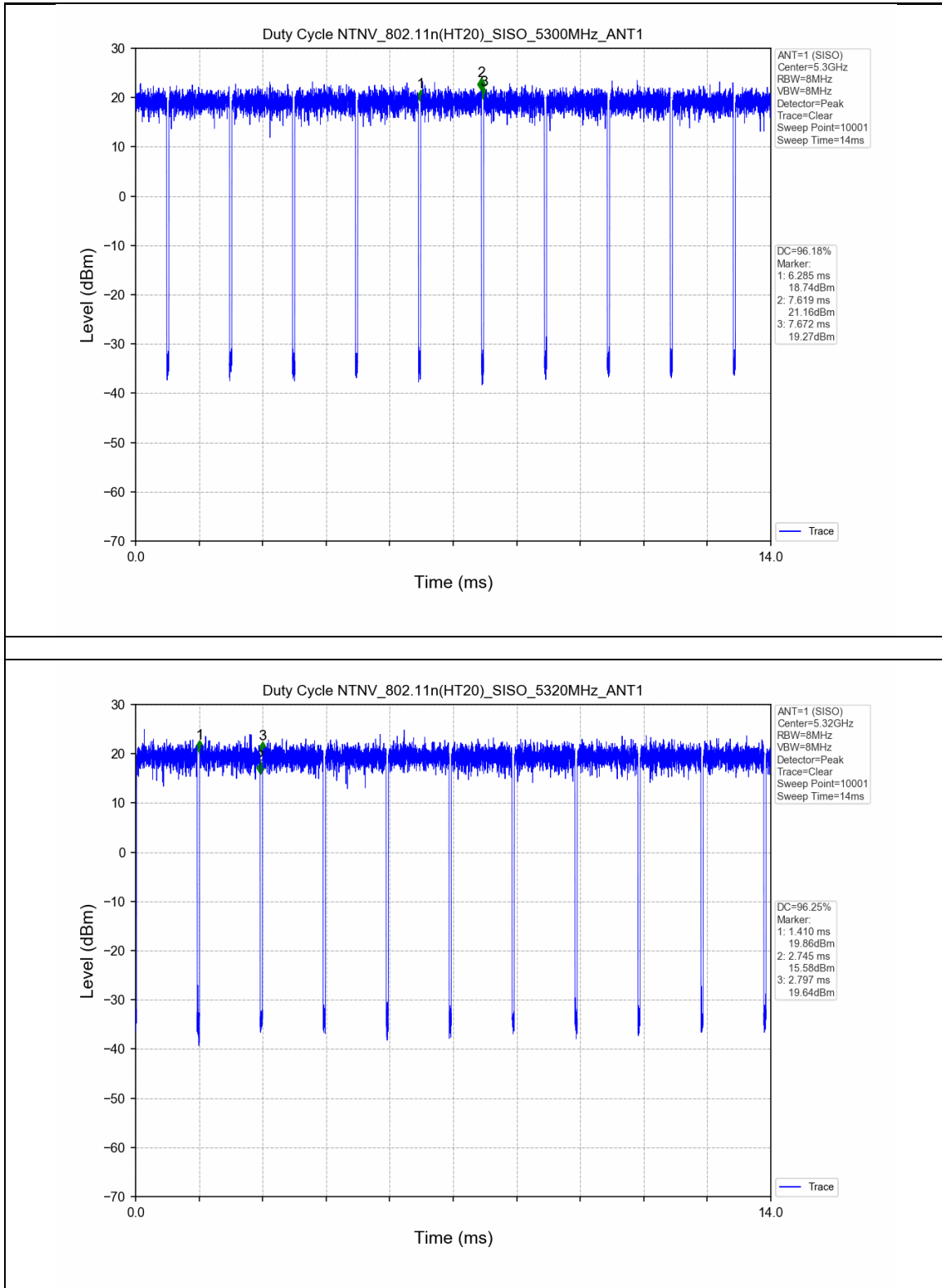


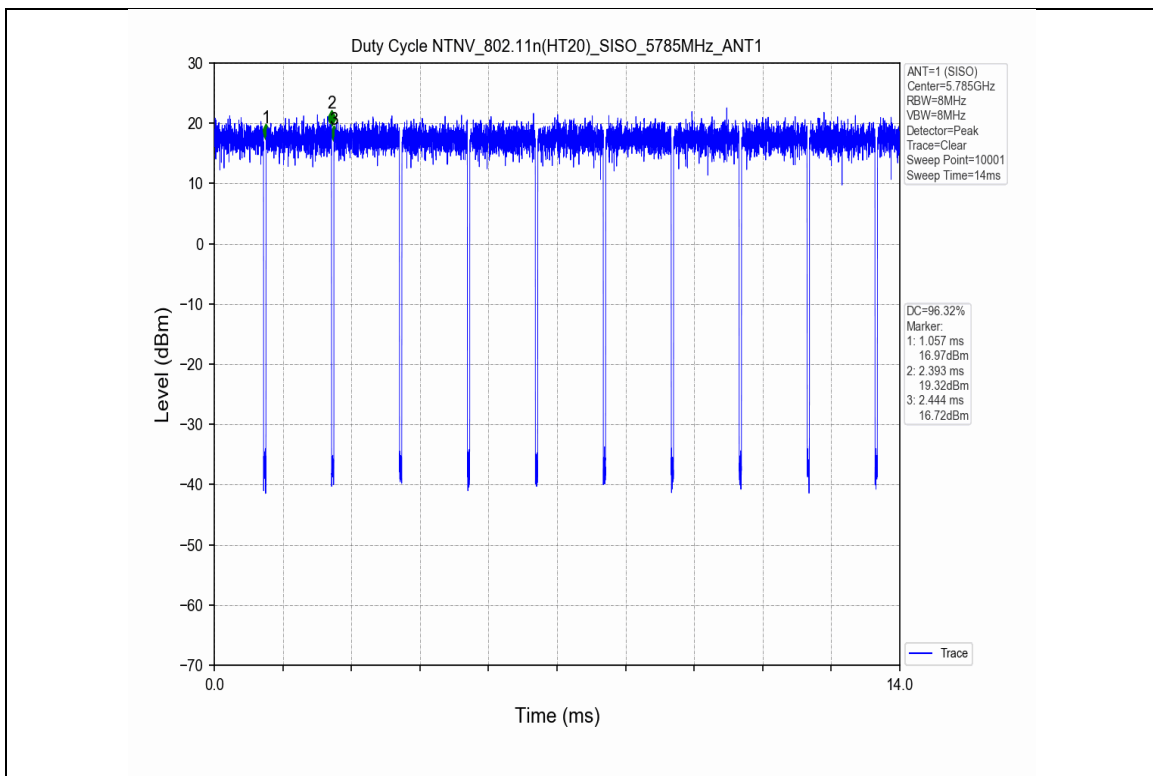
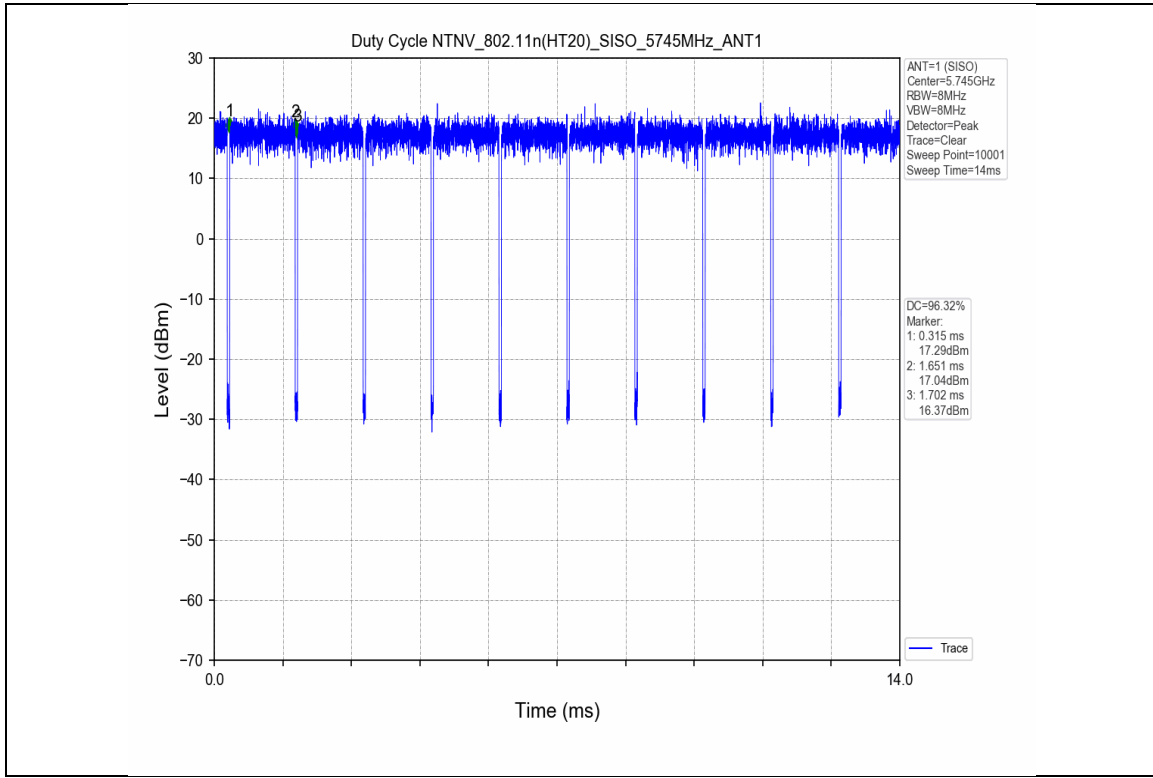


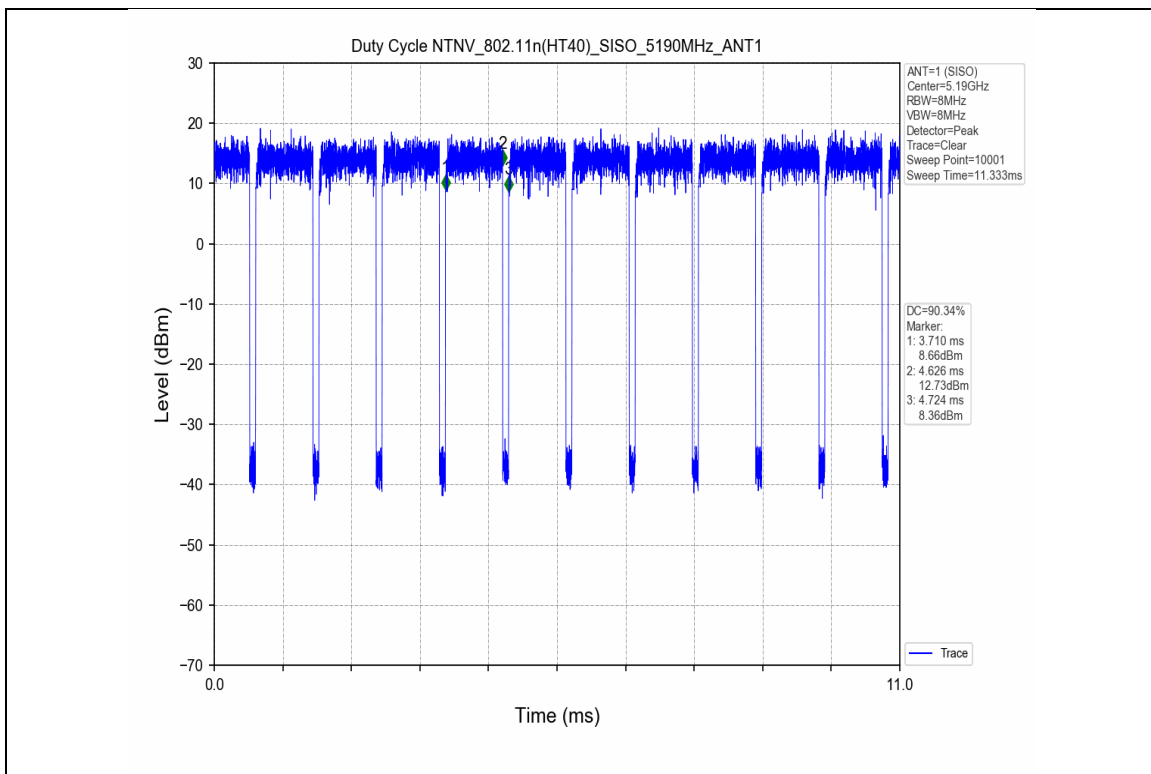
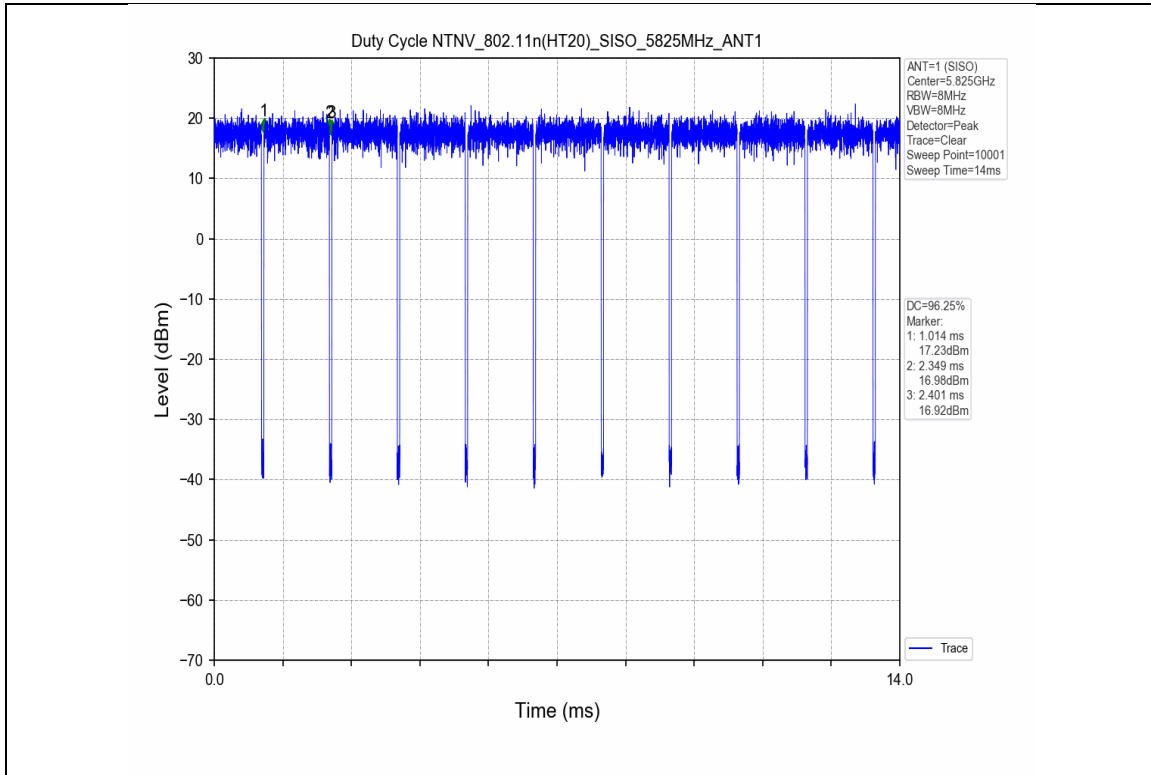


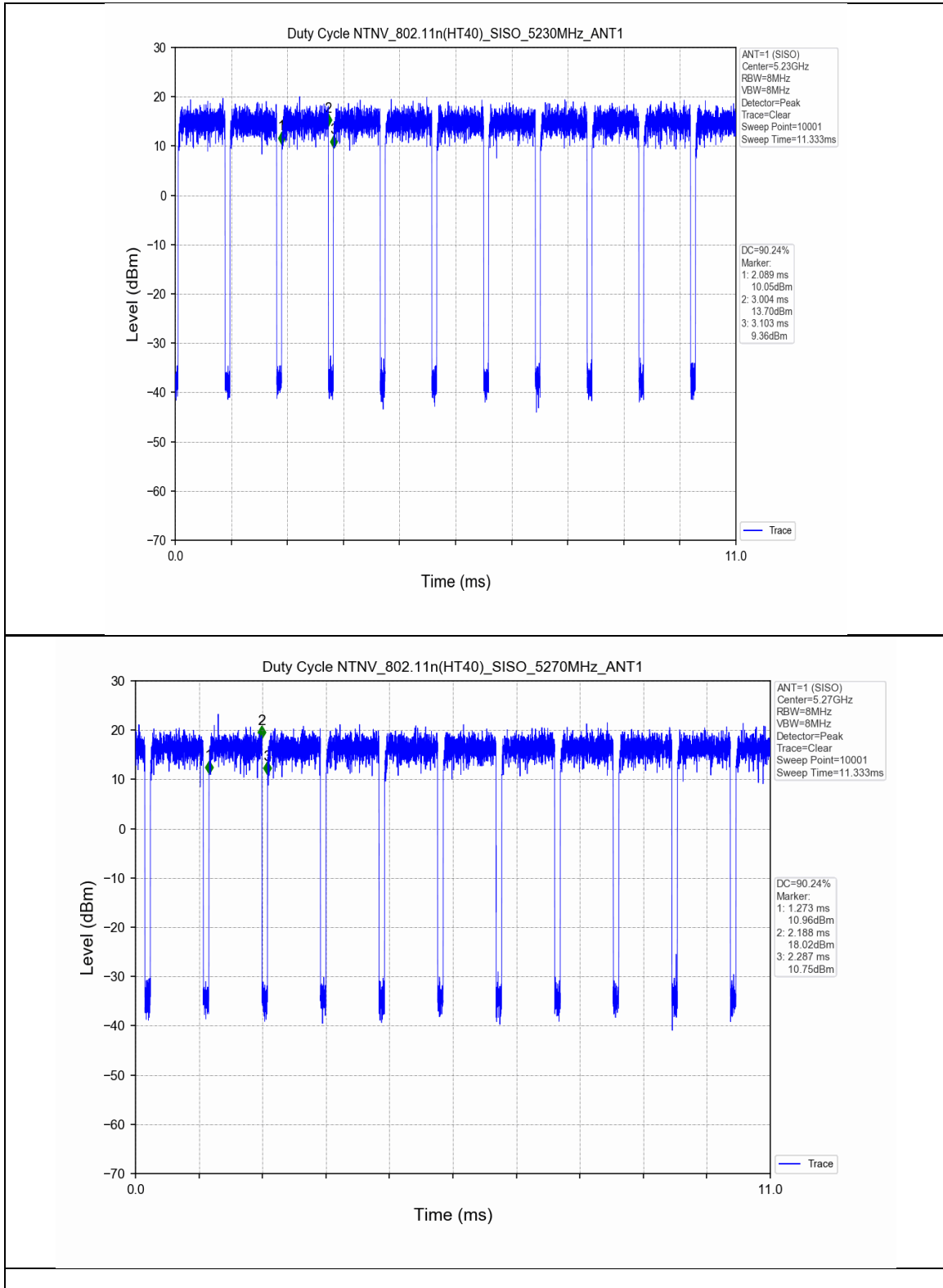


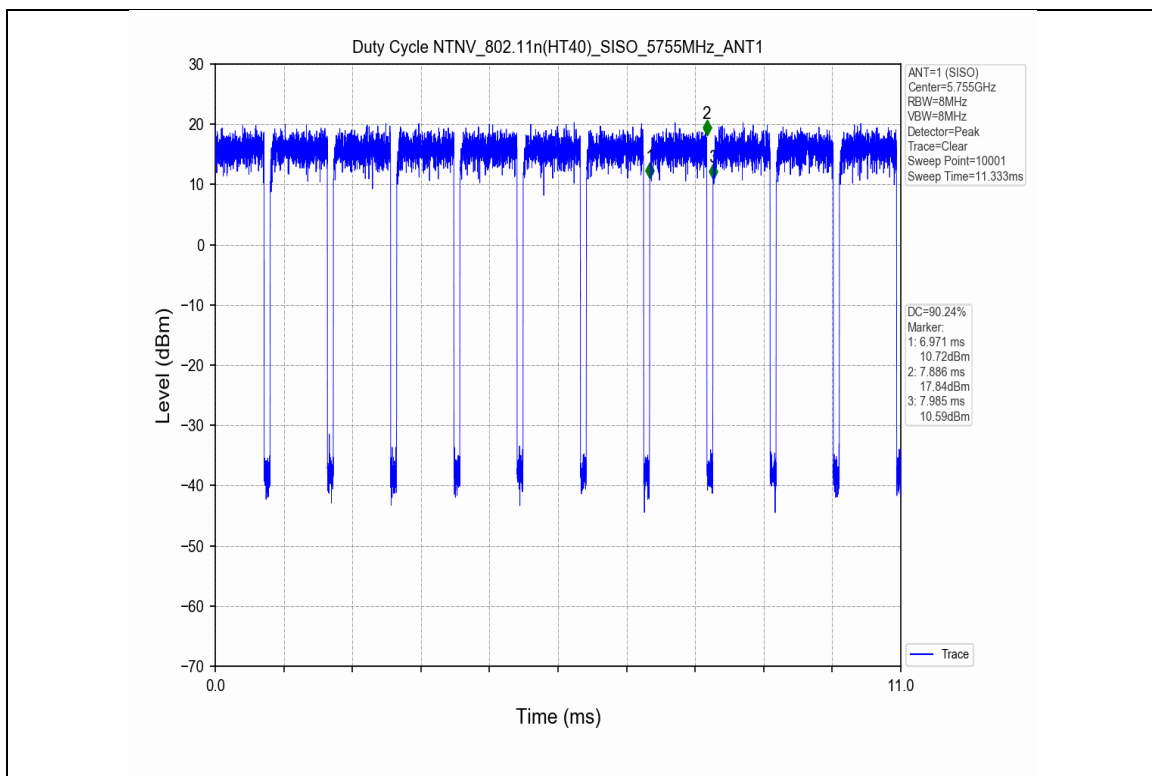
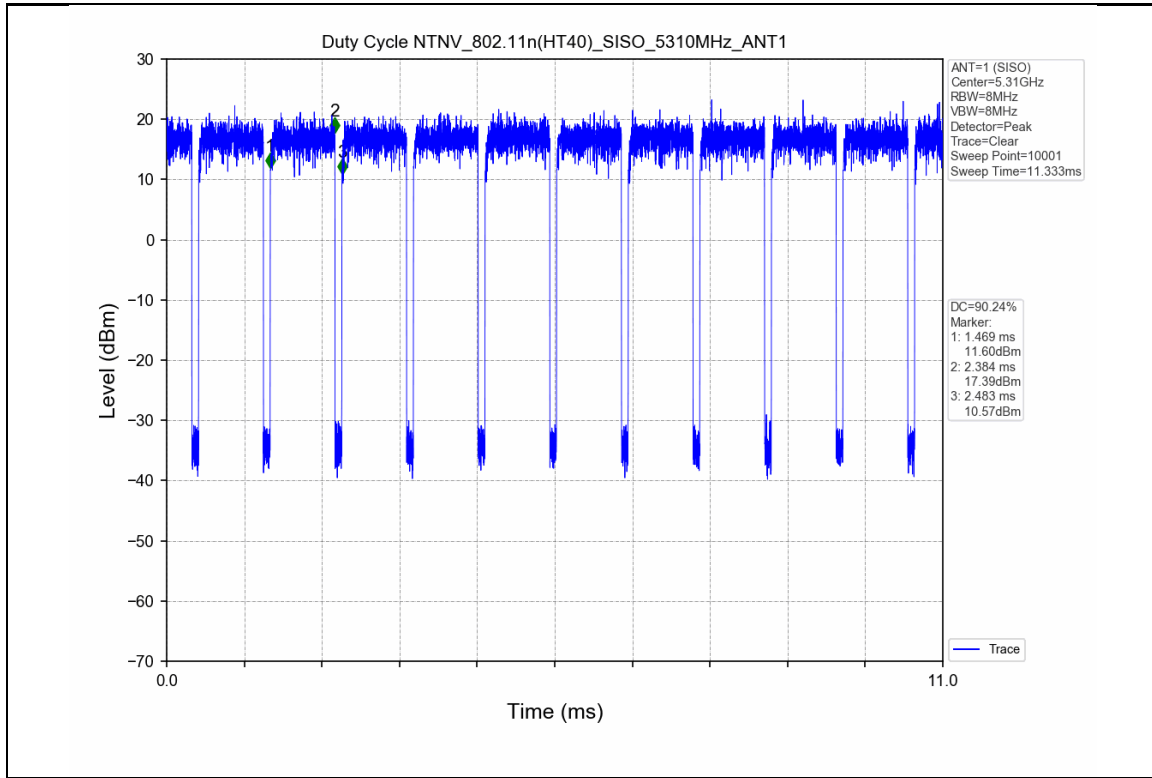


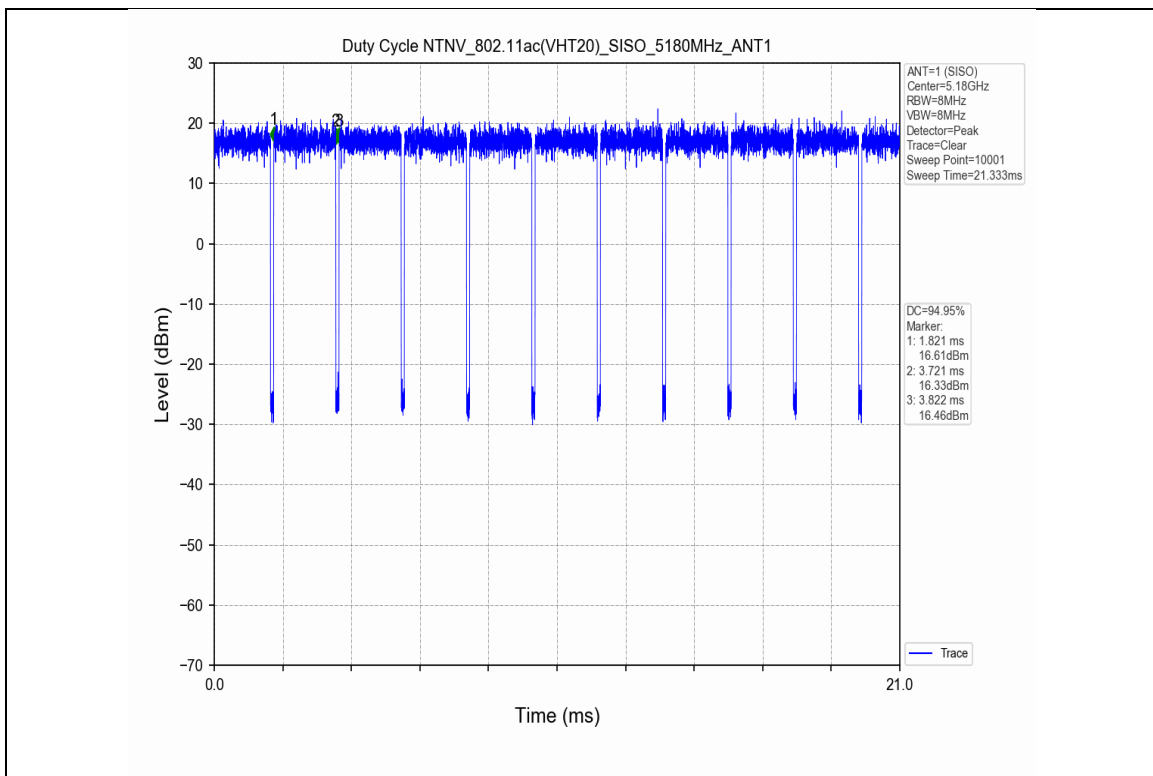
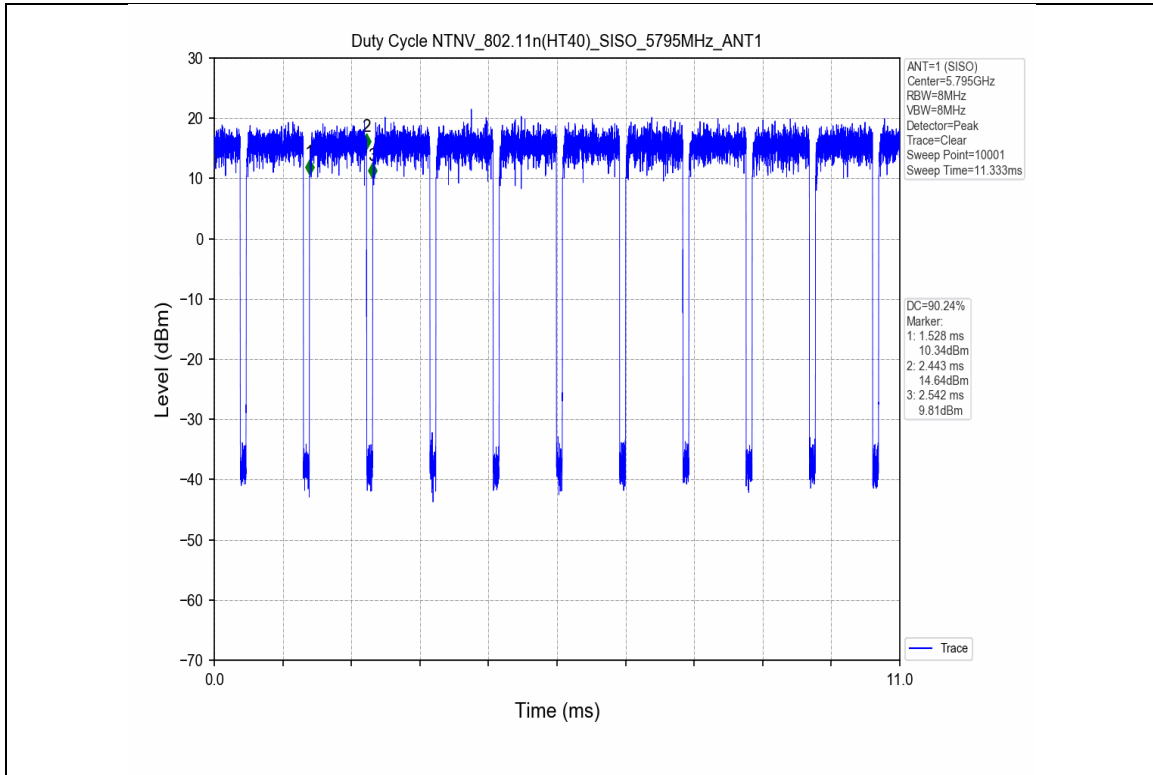


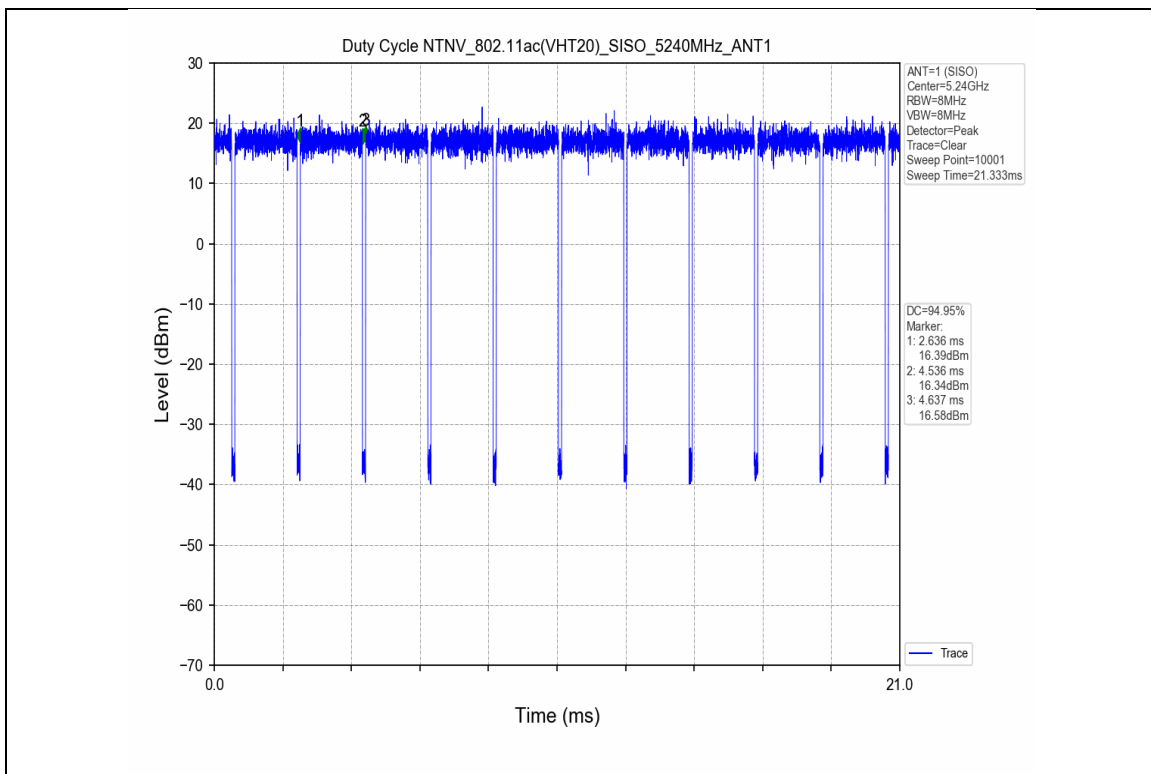
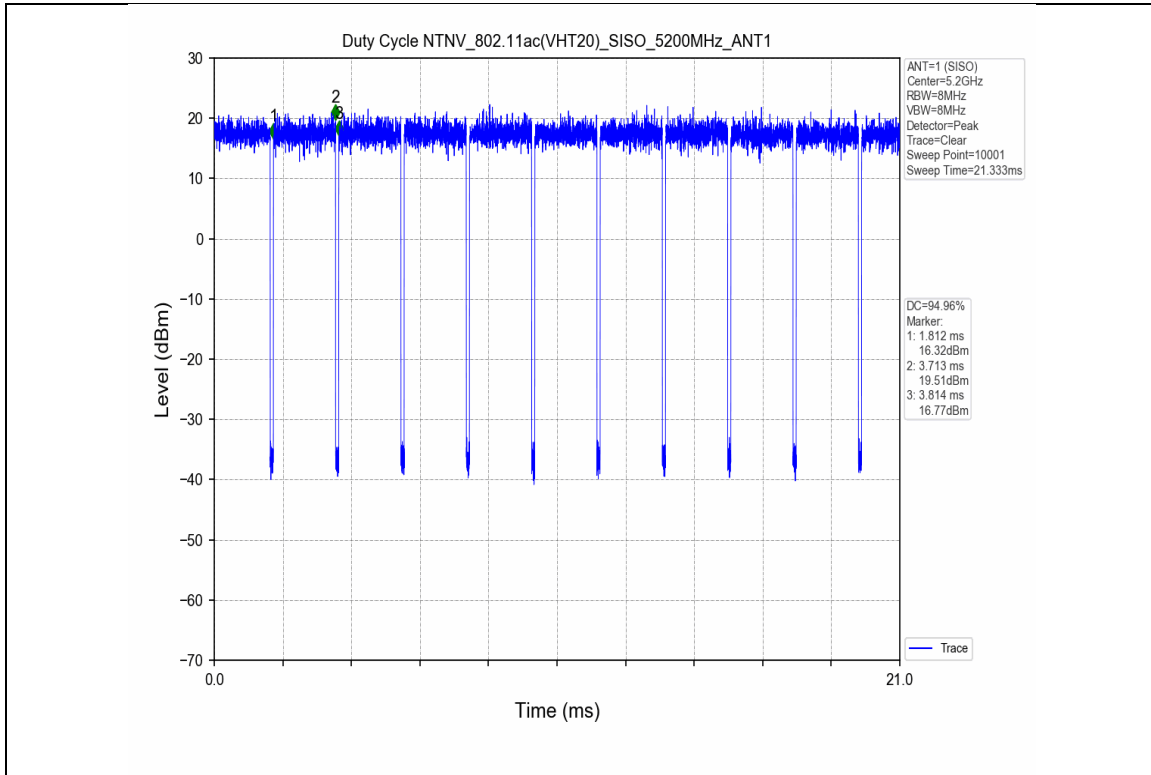


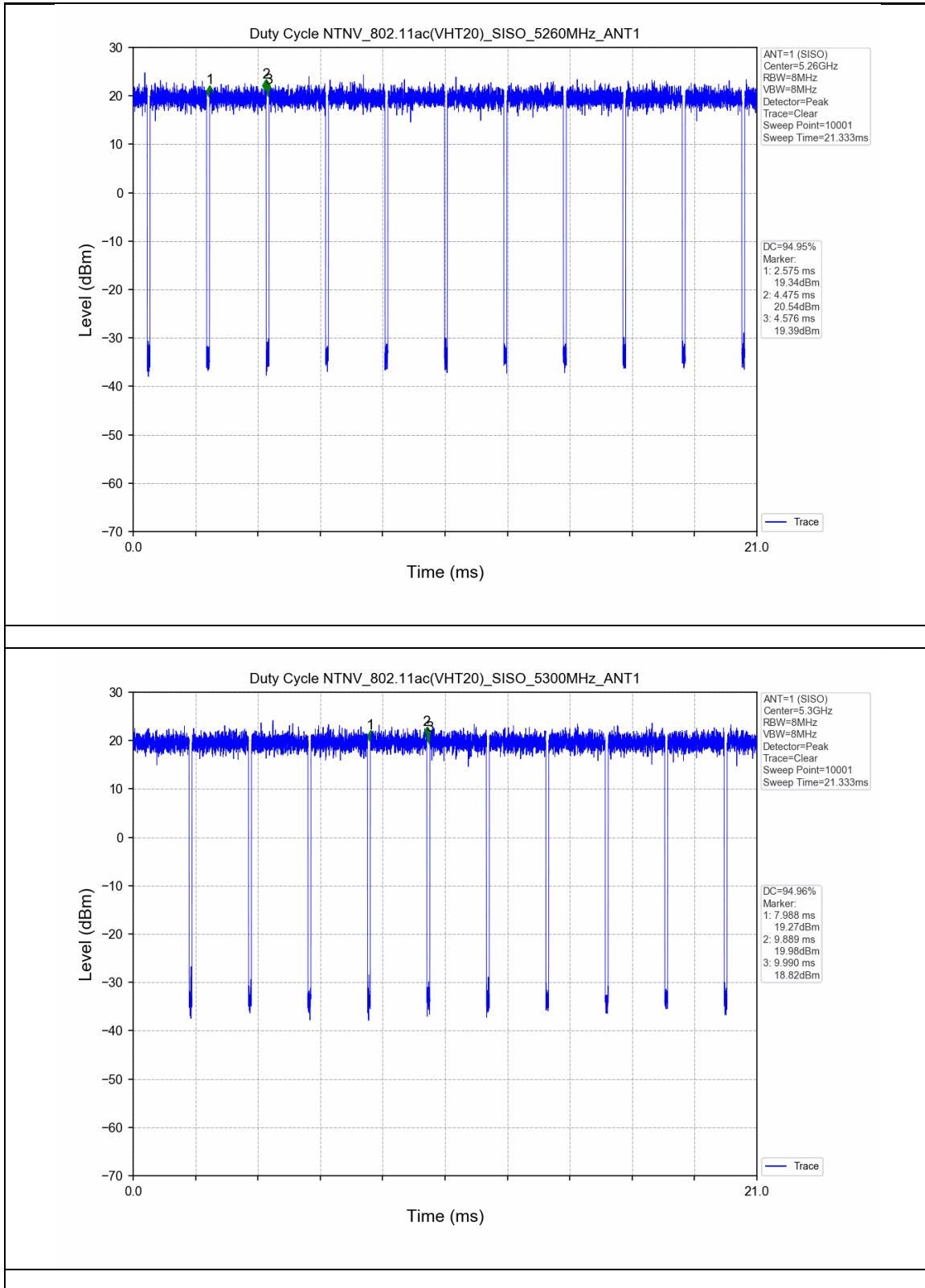


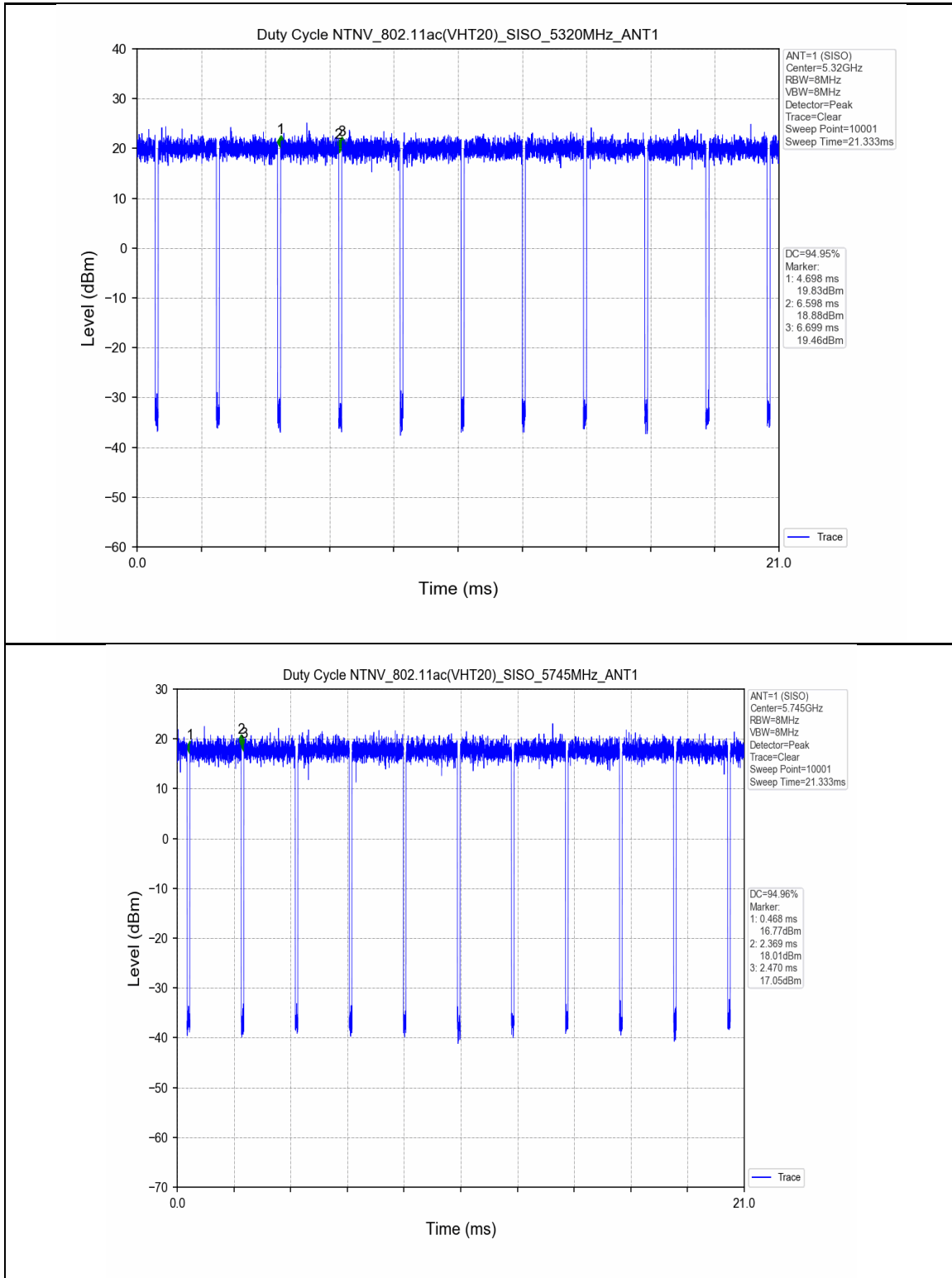


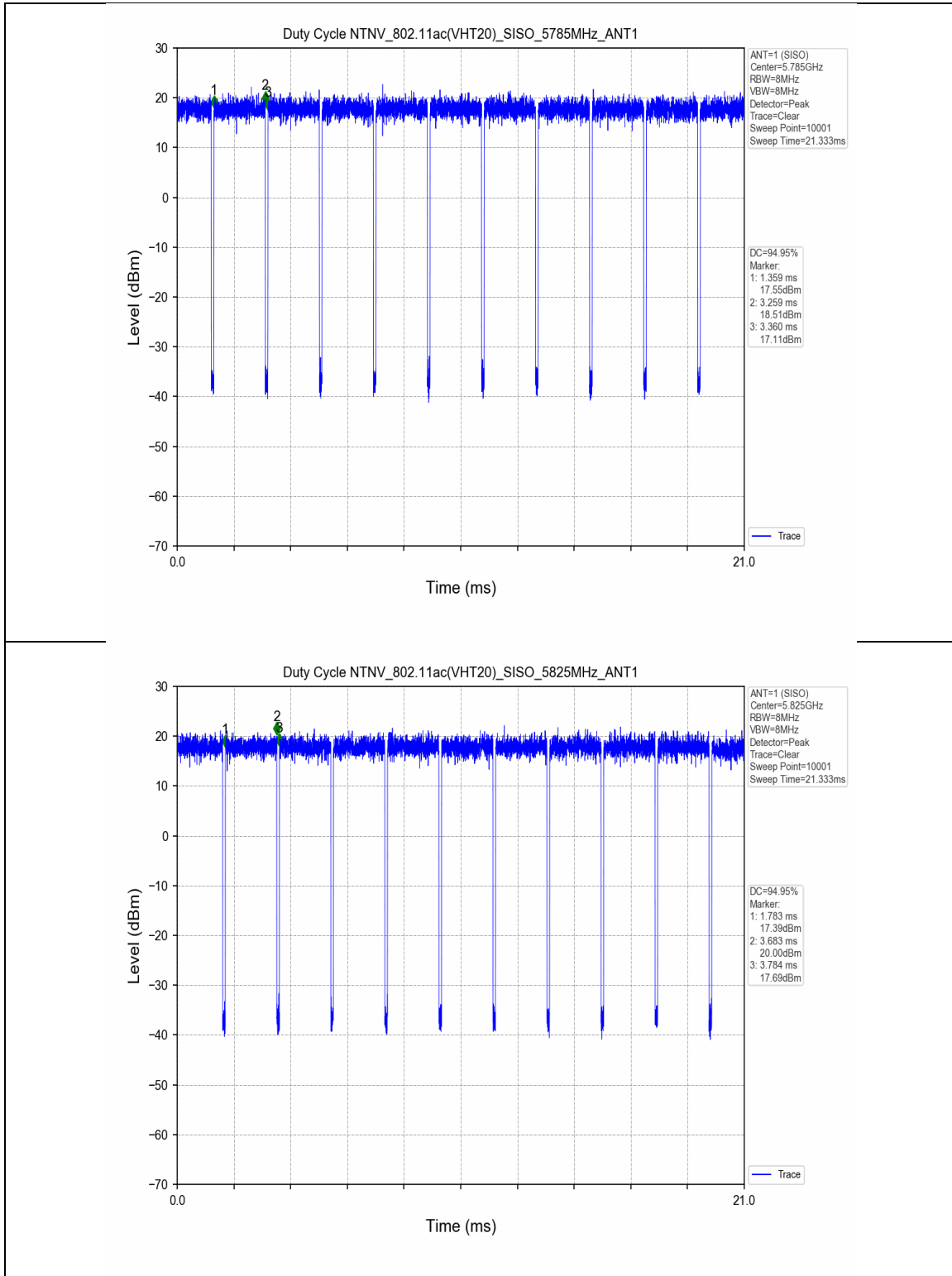


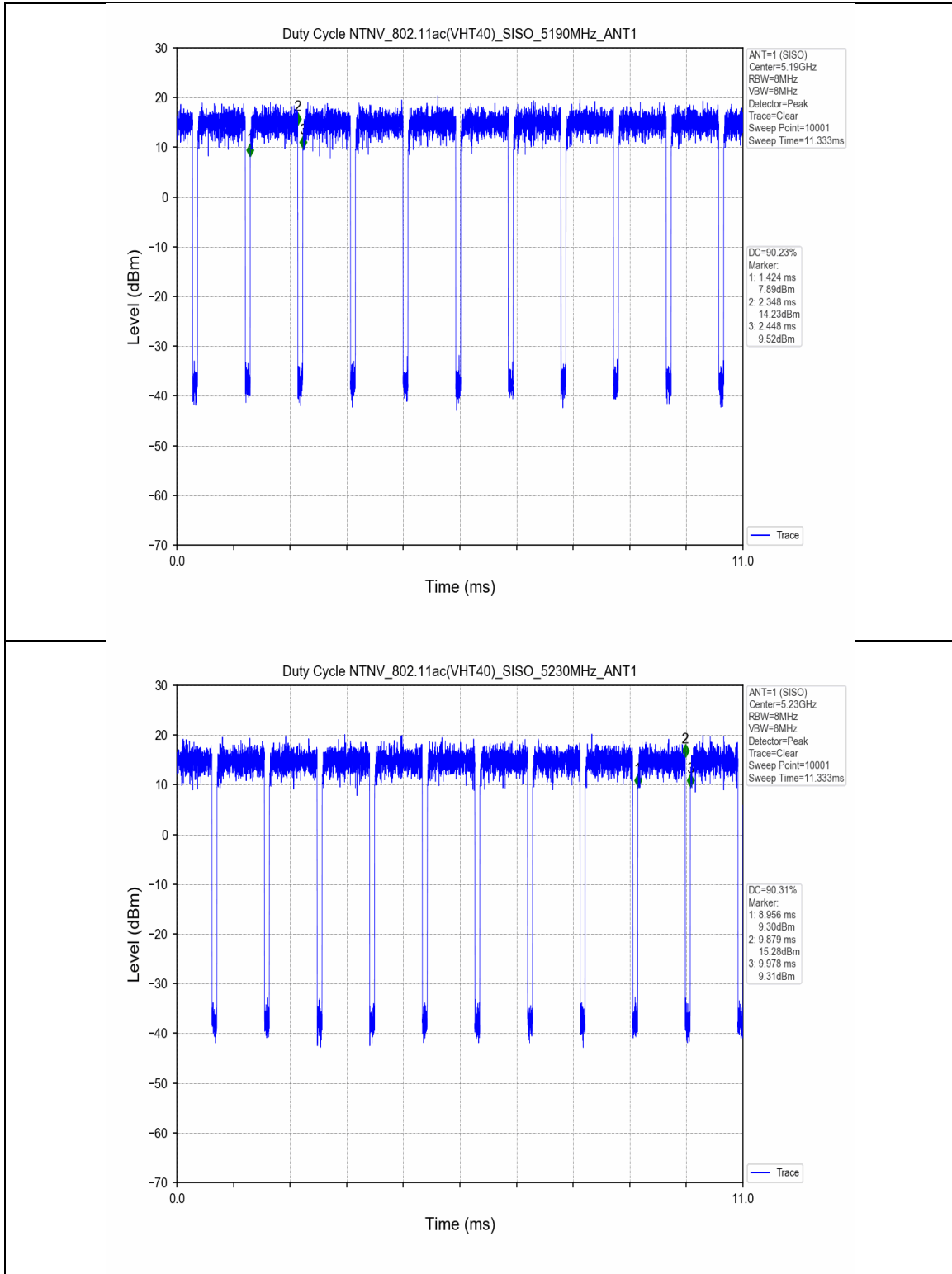


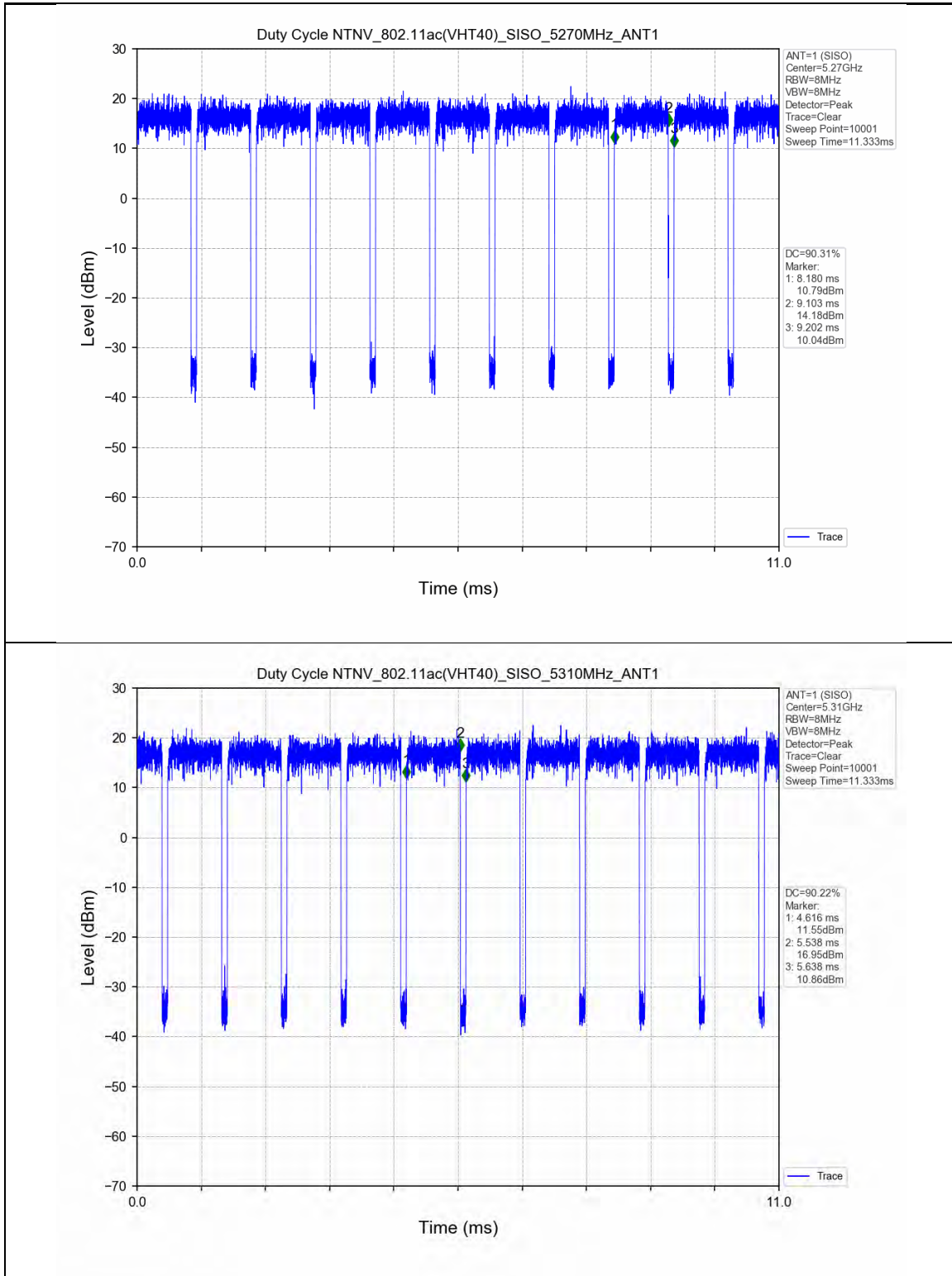


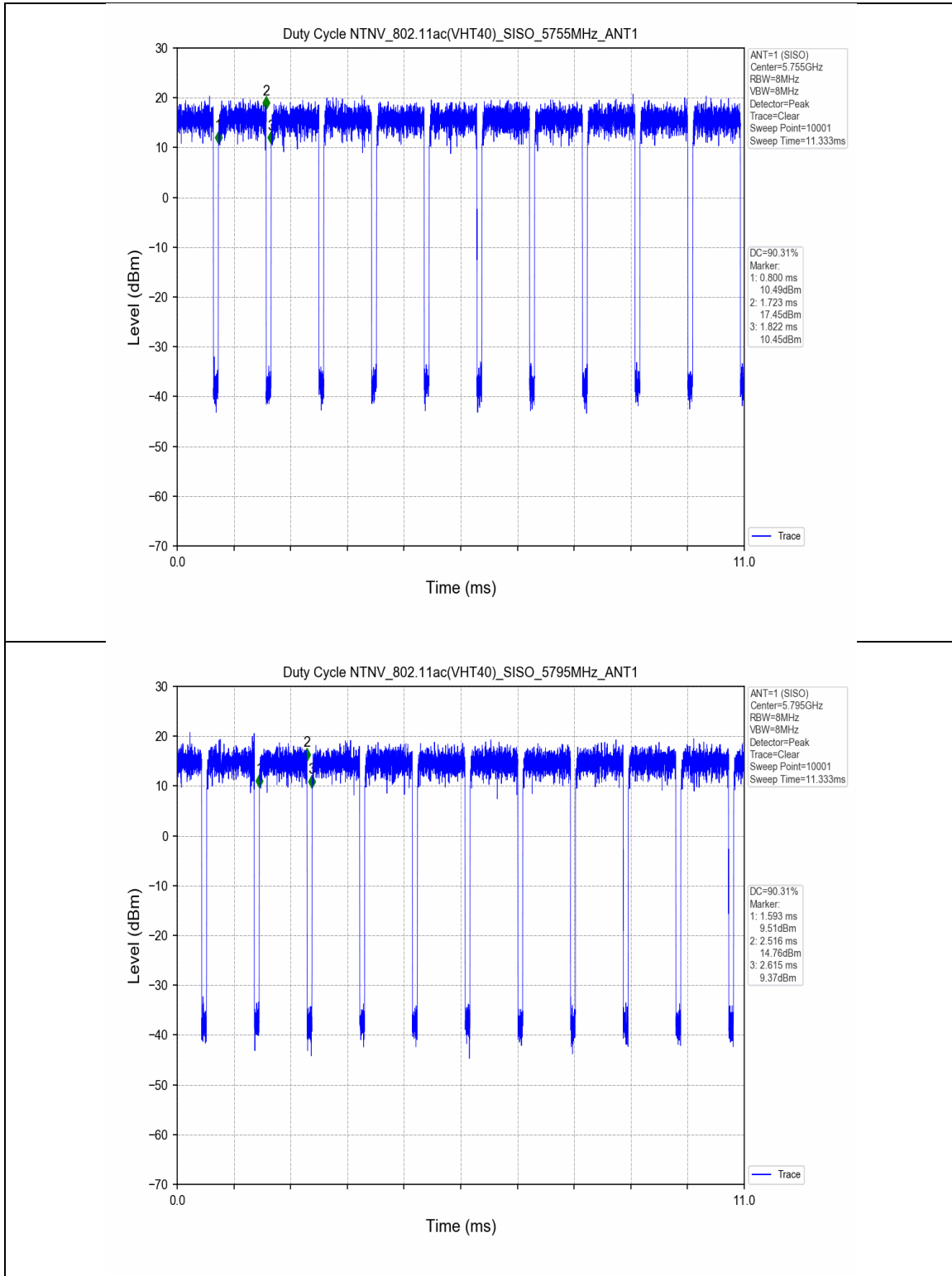


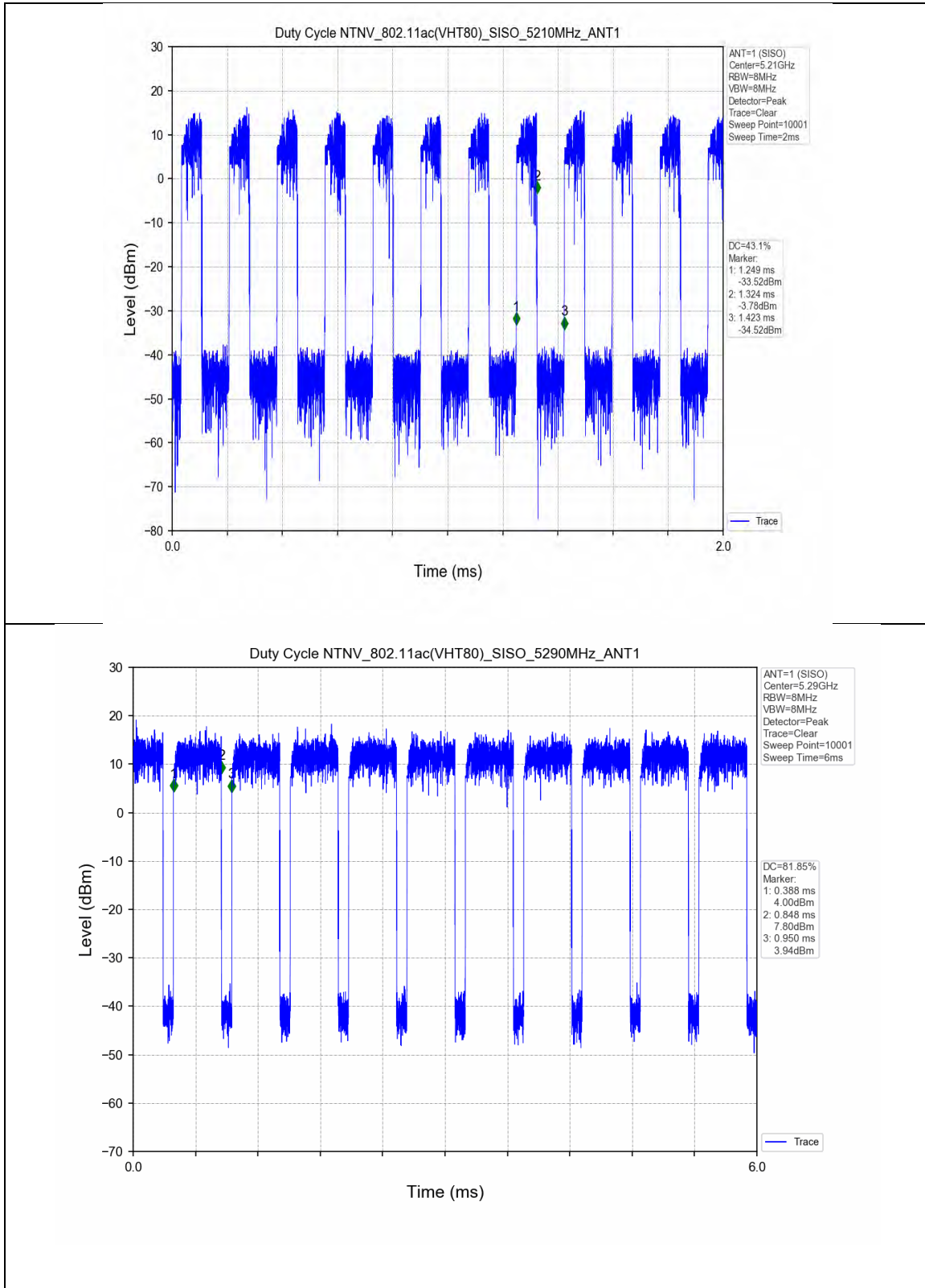


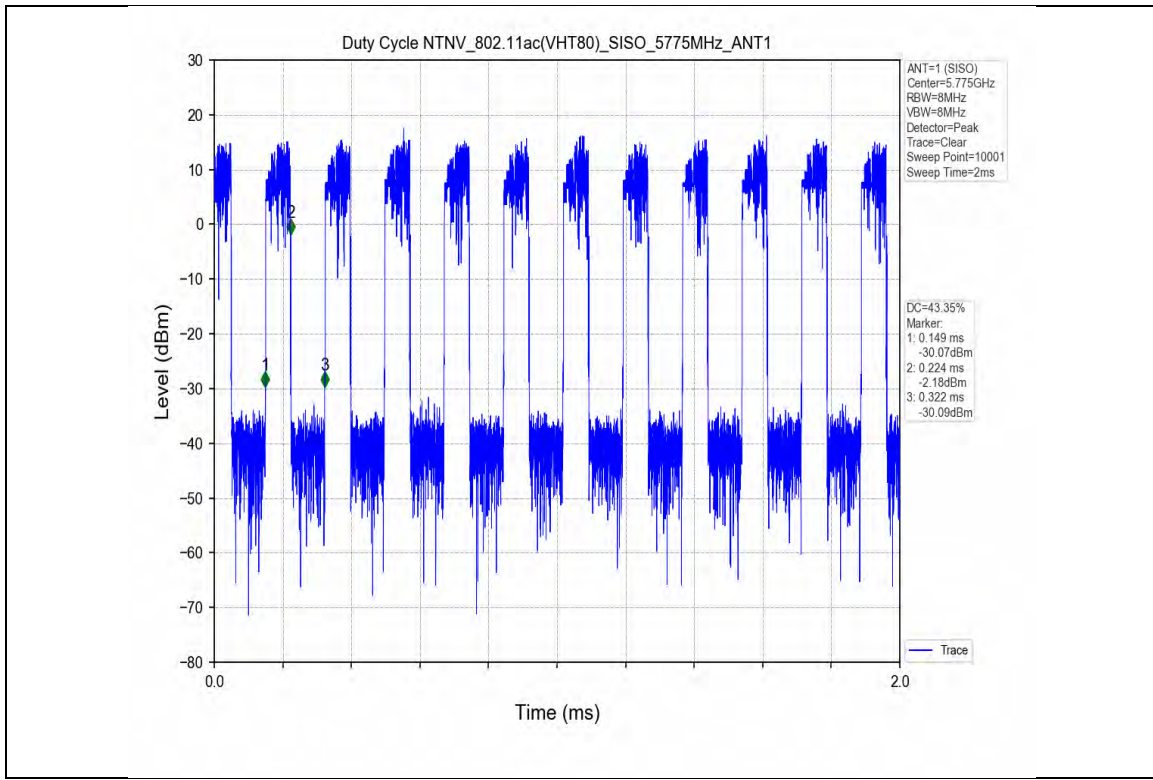












2. Bandwidth

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	23.822	Only for Report Use	PASS
	5200	SISO	1	22.875	Only for Report Use	PASS
	5240	SISO	1	21.683	Only for Report Use	PASS
	5260	SISO	1	25.484	Only for Report Use	PASS
	5300	SISO	1	27.423	Only for Report Use	PASS
	5320	SISO	1	25.030	Only for Report Use	PASS
802.11n(HT20)	5180	SISO	1	21.082	Only for Report Use	PASS
	5200	SISO	1	21.117	Only for Report Use	PASS
	5240	SISO	1	20.866	Only for Report Use	PASS
	5260	SISO	1	21.325	Only for Report Use	PASS
	5300	SISO	1	28.011	Only for Report Use	PASS
	5320	SISO	1	26.818	Only for Report Use	PASS
802.11n(HT40)	5190	SISO	1	47.085	Only for Report Use	PASS
	5230	SISO	1	42.758	Only for Report Use	PASS
	5270	SISO	1	63.500	Only for Report Use	PASS
	5310	SISO	1	62.960	Only for Report Use	PASS
802.11ac(VHT20)	5180	SISO	1	21.101	Only for Report Use	PASS
	5200	SISO	1	21.124	Only for Report Use	PASS
	5240	SISO	1	21.564	Only for Report Use	PASS
	5260	SISO	1	26.649	Only for Report Use	PASS
	5300	SISO	1	26.475	Only for Report Use	PASS



802.11ac(VHT40)	5320	SISO	1	25.915	Only for Report Use	PASS
	5190	SISO	1	43.646	Only for Report Use	PASS
	5230	SISO	1	48.584	Only for Report Use	PASS
	5270	SISO	1	59.329	Only for Report Use	PASS
	5310	SISO	1	51.324	Only for Report Use	PASS
802.11ac(VHT80)	5210	SISO	1	79.798	Only for Report Use	PASS
	5290	SISO	1	117.162	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	16.350	≥0.5	PASS
	5785	SISO	1	16.088	≥0.5	PASS
	5825	SISO	1	16.441	≥0.5	PASS
802.11n(HT20)	5745	SISO	1	15.455	≥0.5	PASS
	5785	SISO	1	17.314	≥0.5	PASS
	5825	SISO	1	17.567	≥0.5	PASS
802.11n(HT40)	5755	SISO	1	35.159	≥0.5	PASS
	5795	SISO	1	29.309	≥0.5	PASS
802.11ac(VHT20)	5745	SISO	1	17.687	≥0.5	PASS
	5785	SISO	1	17.703	≥0.5	PASS
	5825	SISO	1	17.659	≥0.5	PASS
802.11ac(VHT40)	5755	SISO	1	35.605	≥0.5	PASS
	5795	SISO	1	34.667	≥0.5	PASS
802.11ac(VHT80)	5775	SISO	1	75.579	≥0.5	PASS

Test Mode	Frequency (MHz)	TX Type	ANT No.	99% Occupied Bandwidth	
				Test Result (MHz)	
802.11a	5180	SISO	1	16.992	Only for Report Use
	5200	SISO	1	17.054	Only for Report Use
	5240	SISO	1	16.949	Only for Report Use
	5260	SISO	1	17.207	Only for Report Use
	5300	SISO	1	17.379	Only for Report Use
	5320	SISO	1	17.311	Only for Report Use
	5745	SISO	1	16.858	Only for Report Use
	5785	SISO	1	16.939	Only for Report Use
	5825	SISO	1	17.023	Only for Report Use
802.11n(HT20)	5180	SISO	1	17.829	Only for Report Use
	5200	SISO	1	17.901	Only for Report Use
	5240	SISO	1	17.932	Only for Report Use
	5260	SISO	1	17.948	Only for Report Use
	5300	SISO	1	18.305	Only for Report Use
	5320	SISO	1	18.157	Only for Report Use
	5745	SISO	1	18.025	Only for Report Use
	5785	SISO	1	17.980	Only for Report Use
	5825	SISO	1	17.995	Only for Report Use
802.11n(HT40)	5190	SISO	1	36.458	Only for Report Use
	5230	SISO	1	36.442	Only for Report Use
	5270	SISO	1	37.086	Only for Report Use
	5310	SISO	1	37.238	Only for Report Use
	5755	SISO	1	36.893	Only for Report Use
	5795	SISO	1	36.896	Only for Report Use
802.11ac(VHT20)	5180	SISO	1	17.965	Only for Report Use
	5200	SISO	1	18.013	Only for Report Use

	5240	SISO	1	17.955	Only for Report Use
	5260	SISO	1	18.197	Only for Report Use
	5300	SISO	1	18.236	Only for Report Use
	5320	SISO	1	18.146	Only for Report Use
	5745	SISO	1	18.003	Only for Report Use
	5785	SISO	1	18.081	Only for Report Use
	5825	SISO	1	18.027	Only for Report Use
802.11ac(VHT40)	5190	SISO	1	36.540	Only for Report Use
	5230	SISO	1	36.515	Only for Report Use
	5270	SISO	1	37.168	Only for Report Use
	5310	SISO	1	37.233	Only for Report Use
	5755	SISO	1	37.058	Only for Report Use
	5795	SISO	1	36.668	Only for Report Use
802.11ac(VHT80)	5210	SISO	1	75.758	Only for Report Use
	5290	SISO	1	76.382	Only for Report Use
	5775	SISO	1	75.895	Only for Report Use

2.2 Test Graph - Emission Bandwidth

