

Appendix: 2.4G Wi-Fi

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1. Duty Cycle

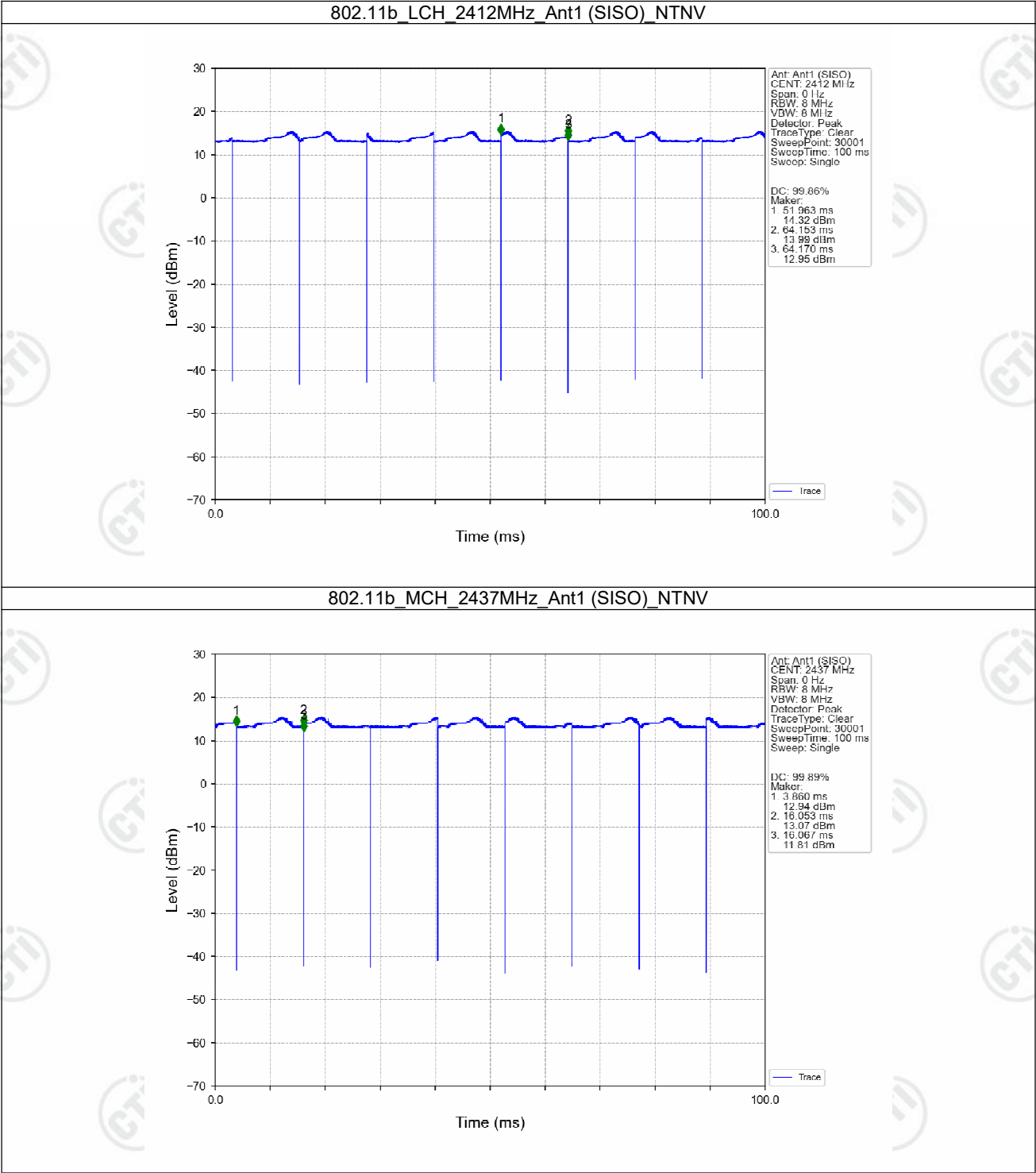
1.1 Test Result

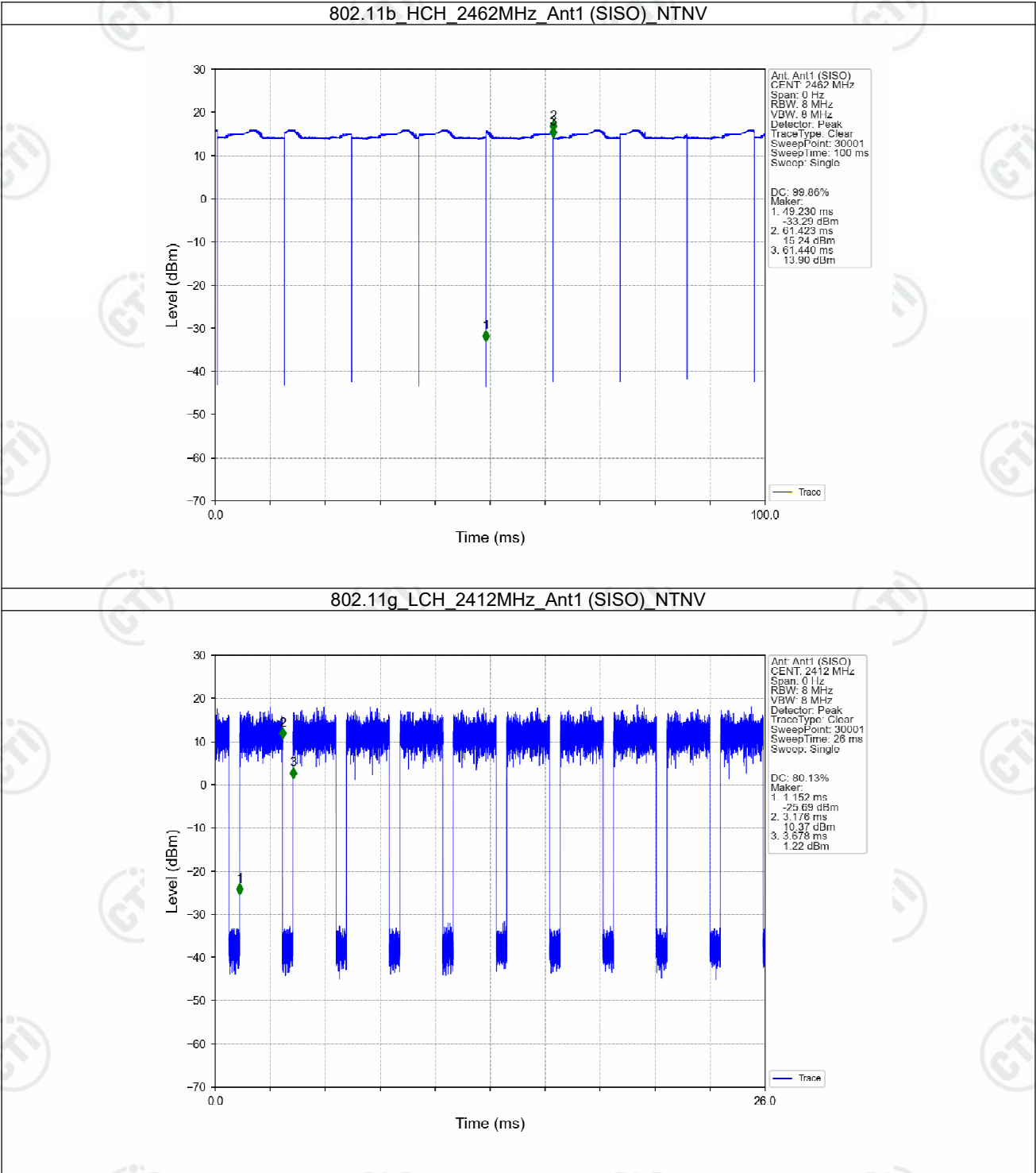
1.1.1 Ant1

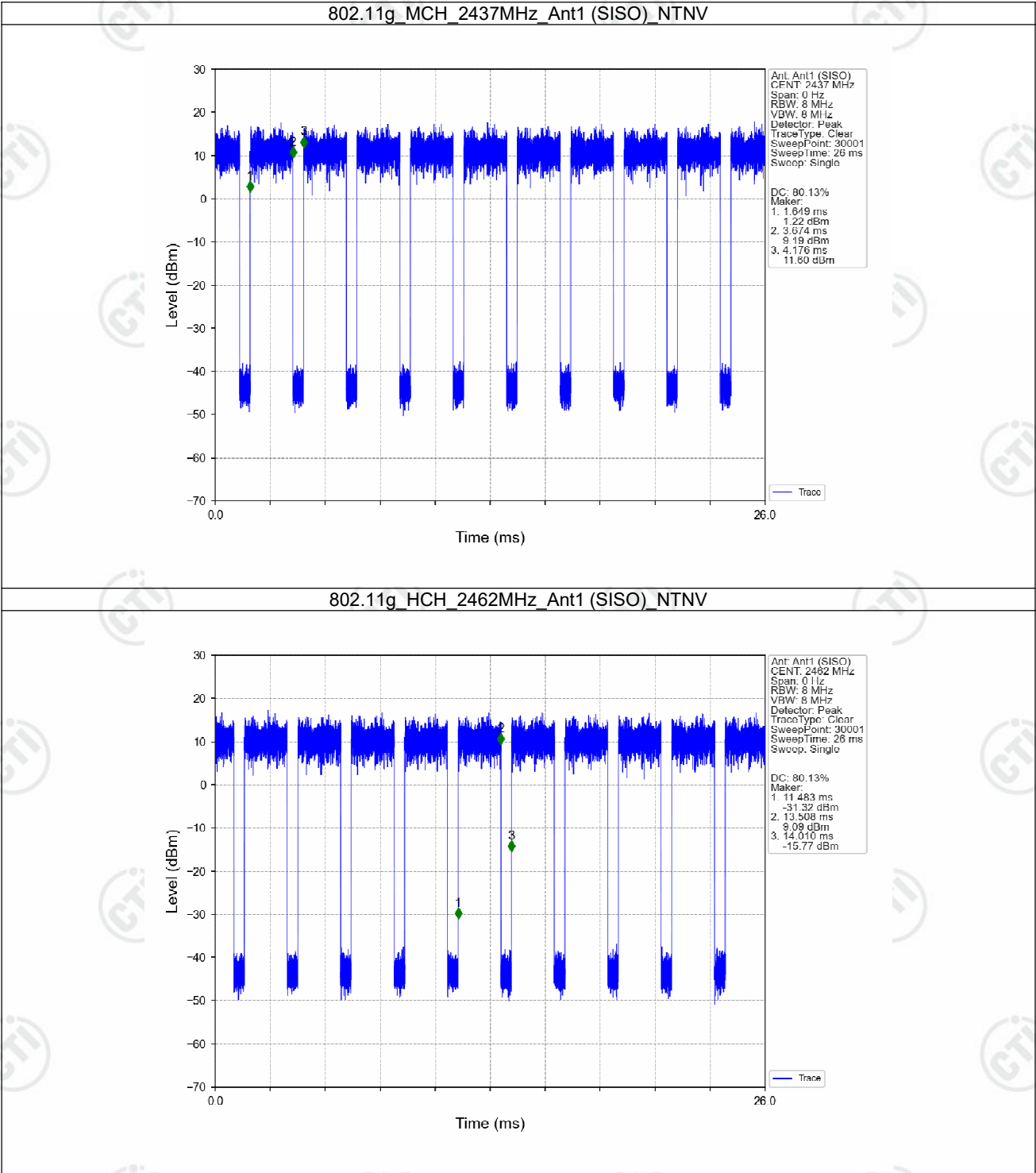
Ant1							
Mode	TX Type	Frequency (MHz)	T_on (ms)	Period (ms)	Duty Cycle (%)	Duty Cycle Correction Factor (dB)	Max. DC Variation (%)
802.11b	SISO	2412	12.190	12.207	99.86	0.01	0.03
		2437	12.193	12.207	99.89	0.00	0.00
		2462	12.193	12.210	99.86	0.01	0.03
802.11g	SISO	2412	2.024	2.526	80.13	0.96	0.03
		2437	2.025	2.527	80.13	0.96	0.03
		2462	2.025	2.527	80.13	0.96	0.03
802.11n (HT20)	SISO	2412	1.888	2.390	79.00	1.02	0.03
		2437	1.889	2.391	79.00	1.02	0.03
		2462	1.889	2.390	79.04	1.02	0.03
802.11n (HT40)	SISO	2422	0.929	1.430	64.97	1.87	0.01
		2437	0.928	1.430	64.90	1.88	0.01
		2452	0.929	1.430	64.97	1.87	0.03

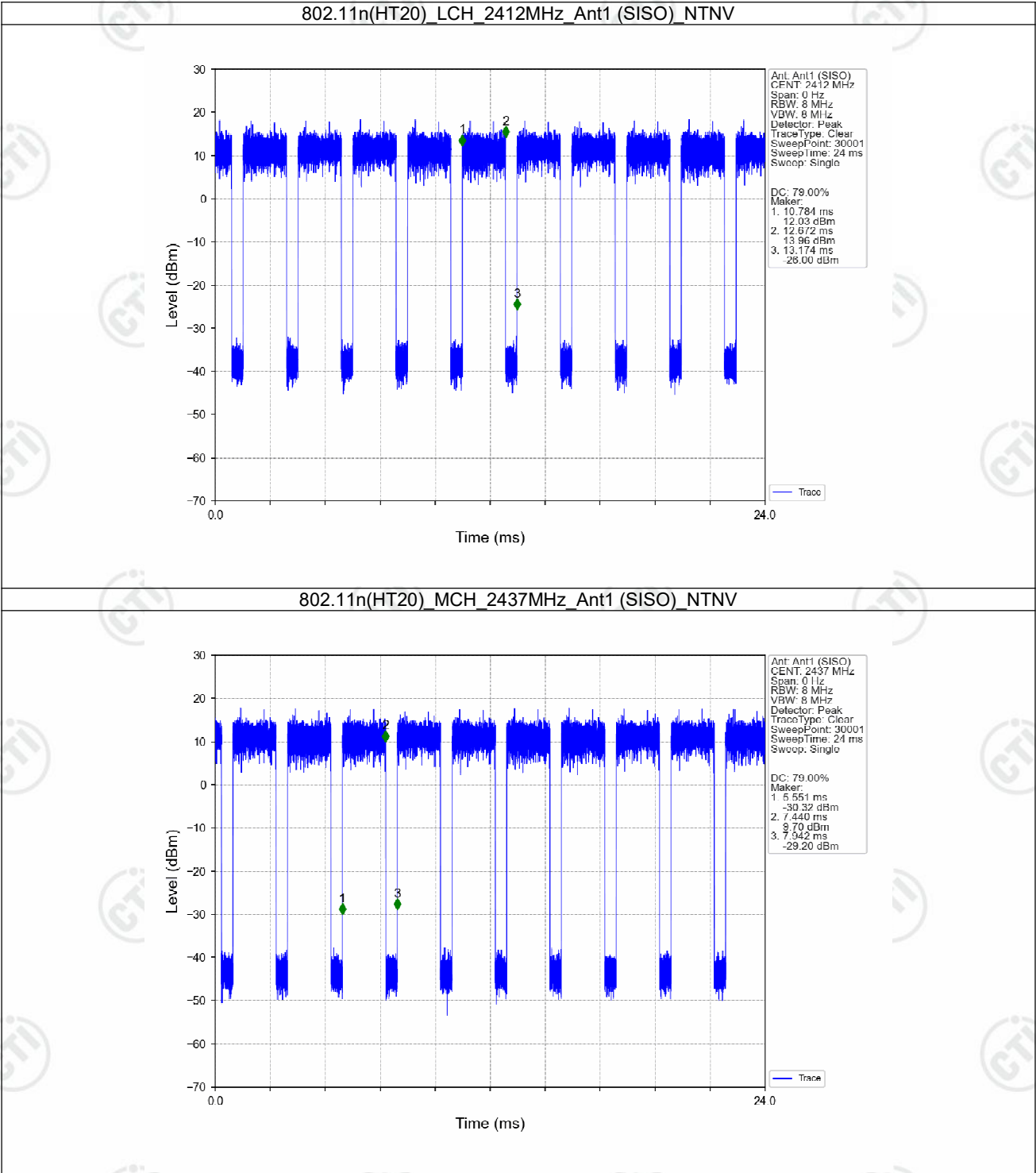
1.2 Test Graph

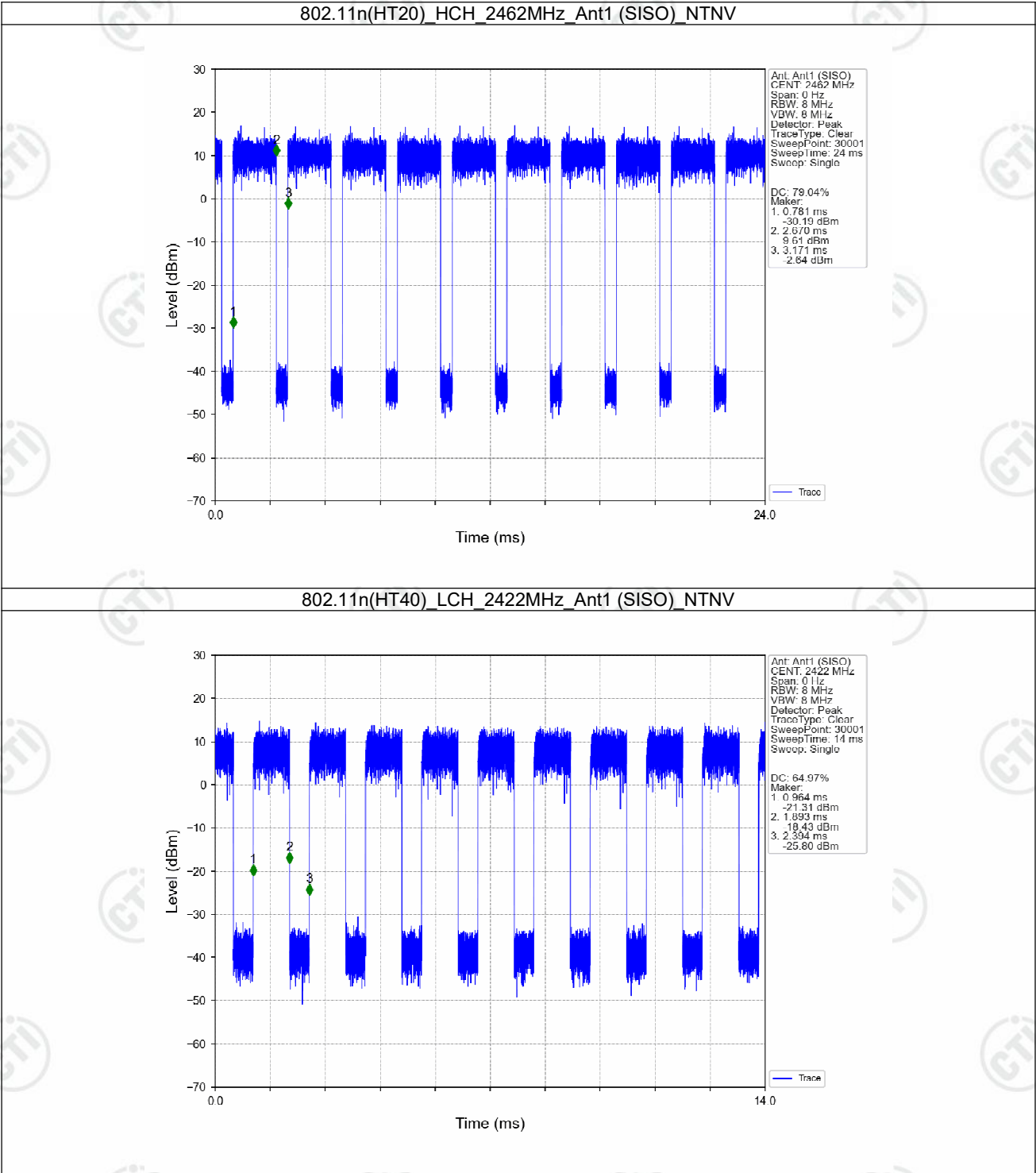
1.2.1 Ant1

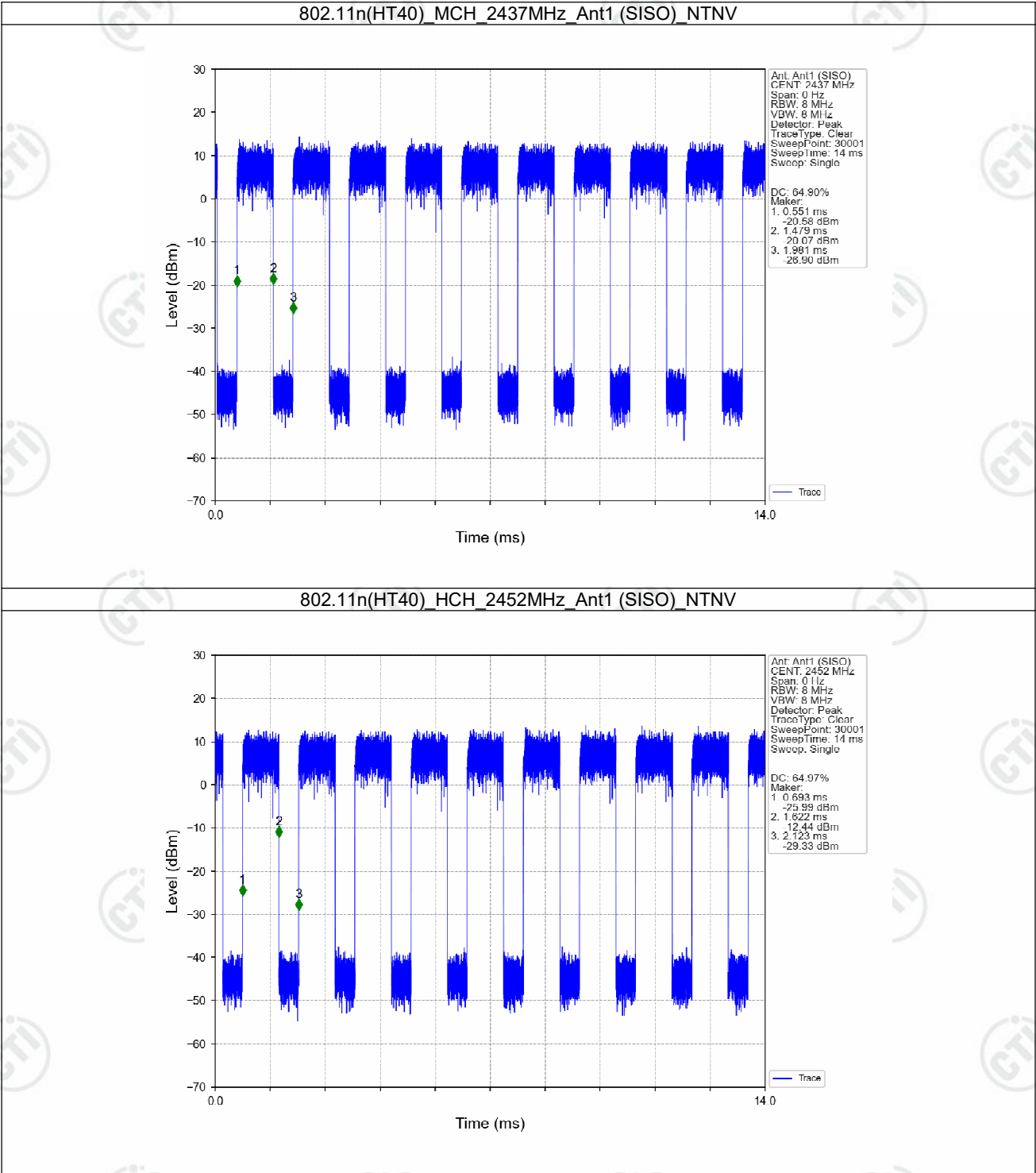












2. Bandwidth

2.1 Test Result

2.1.1 OBW

Mode	TX Type	Frequency (MHz)	ANT	99% Occupied Bandwidth (MHz)		Verdict
				Result	Limit	
802.11b	SISO	2412	1	13.946	/	Pass
		2437	1	13.984	/	Pass
		2462	1	13.920	/	Pass
802.11g	SISO	2412	1	16.222	/	Pass
		2437	1	16.225	/	Pass
		2462	1	16.216	/	Pass
802.11n (HT20)	SISO	2412	1	17.390	/	Pass
		2437	1	17.340	/	Pass
		2462	1	17.332	/	Pass
802.11n (HT40)	SISO	2422	1	35.204	/	Pass
		2437	1	35.216	/	Pass
		2452	1	35.156	/	Pass

2.1.2 6dB BW

Mode	TX Type	Frequency (MHz)	ANT	6dB Bandwidth (MHz)		Verdict
				Result	Limit	
802.11b	SISO	2412	1	10.110	≥ 0.5	Pass
		2437	1	10.116	≥ 0.5	Pass
		2462	1	10.101	≥ 0.5	Pass
802.11g	SISO	2412	1	15.737	≥ 0.5	Pass
		2437	1	15.713	≥ 0.5	Pass
		2462	1	15.666	≥ 0.5	Pass
802.11n (HT20)	SISO	2412	1	16.091	≥ 0.5	Pass
		2437	1	16.349	≥ 0.5	Pass
		2462	1	15.863	≥ 0.5	Pass
802.11n (HT40)	SISO	2422	1	31.625	≥ 0.5	Pass
		2437	1	32.455	≥ 0.5	Pass
		2452	1	31.397	≥ 0.5	Pass

2.2 Test Graph

2.2.1 OBW

