

Appendix: 2.4G Wi-Fi

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1. Duty Cycle

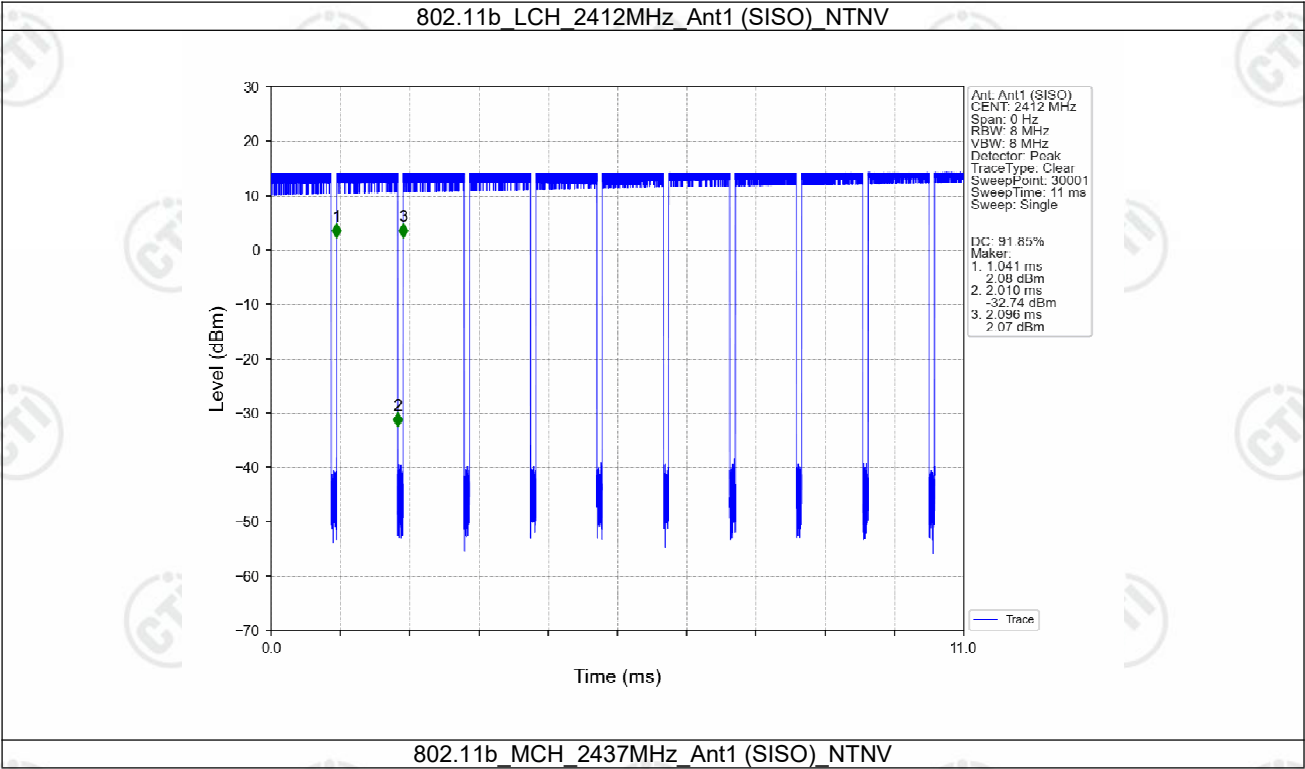
1.1 Test Result

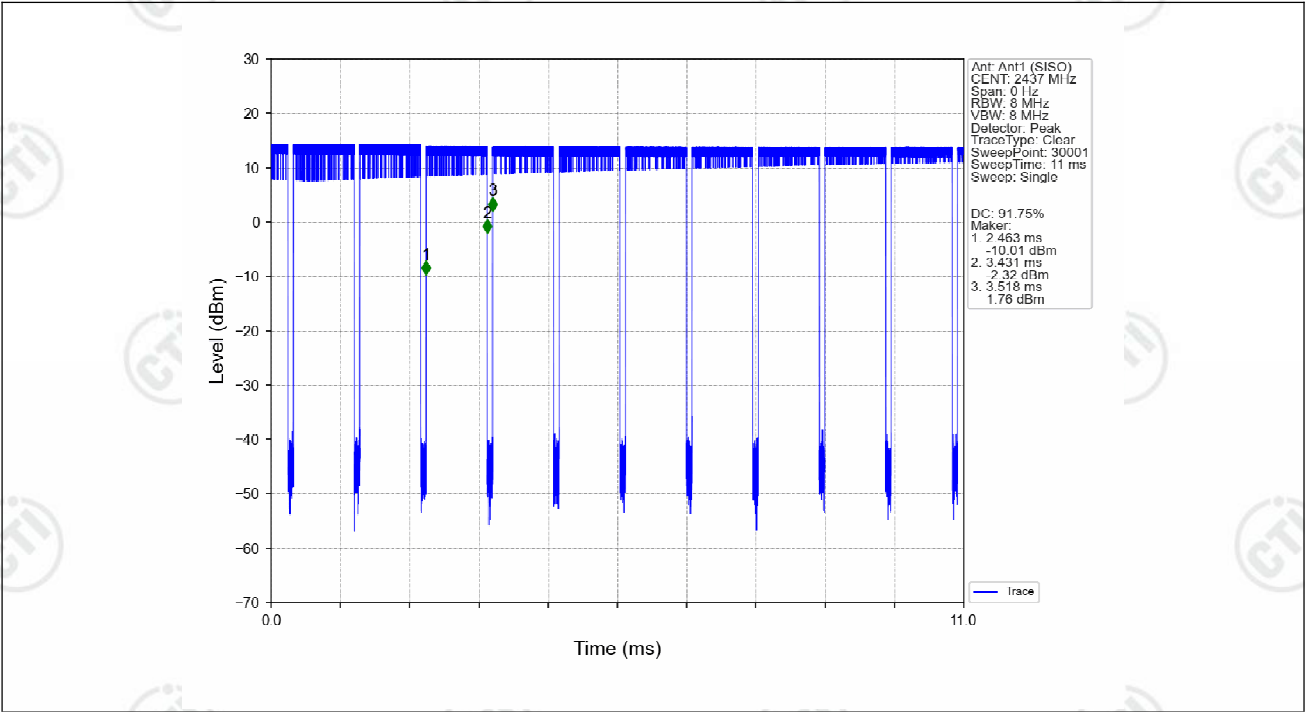
1.1.1 Ant1

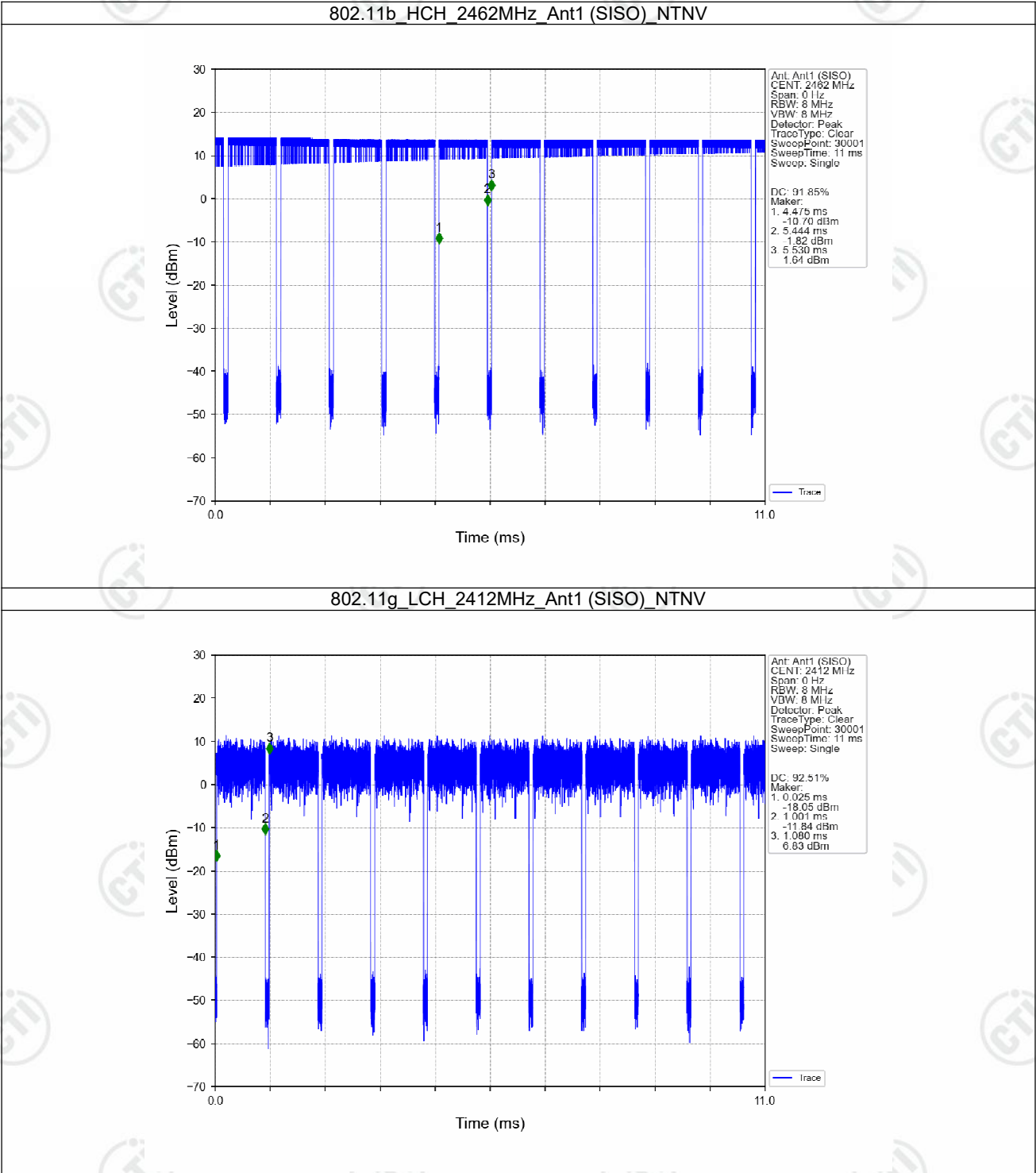
Ant1							
Mode	Tx Type	Frequency (MHz)	T_on (ms)	Period (ms)	Duty Cycle (%)	Duty Cycle Correction Factor (dB)	Max. DC Variation (%)
802.11b	SISO	2412	0.969	1.055	91.85	0.37	0.00
		2437	0.968	1.055	91.75	0.37	0.03
		2462	0.969	1.055	91.85	0.37	0.06
802.11g	SISO	2412	0.976	1.055	92.51	0.34	0.03
		2437	0.976	1.055	92.51	0.34	0.03
		2462	0.976	1.055	92.51	0.34	0.03
802.11n (HT20)	SISO	2412	0.969	1.055	91.85	0.37	0.03
		2437	0.969	1.055	91.85	0.37	0.03
		2462	0.968	1.055	91.75	0.37	0.03

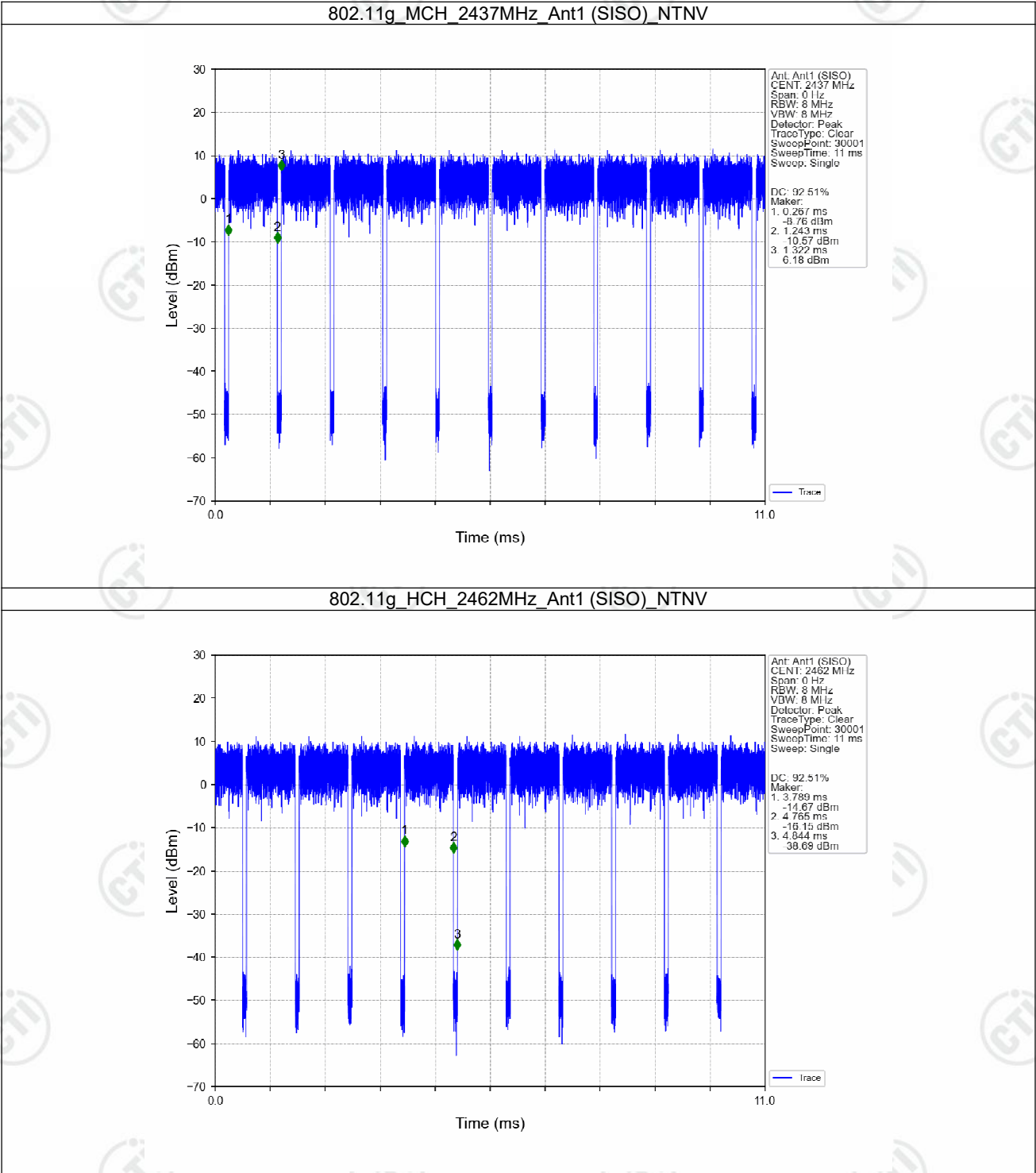
1.2 Test Graph

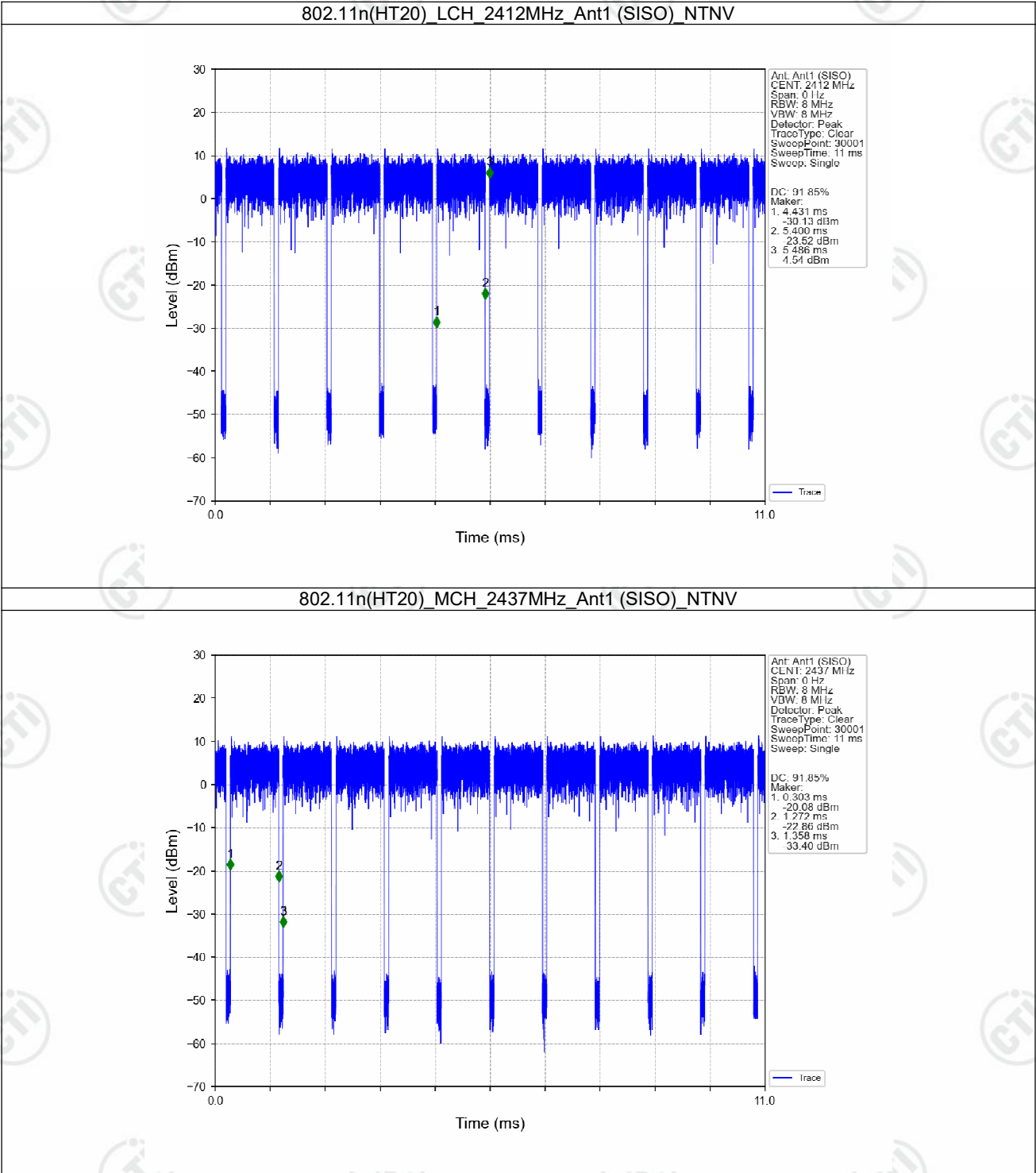
1.2.1 Ant1

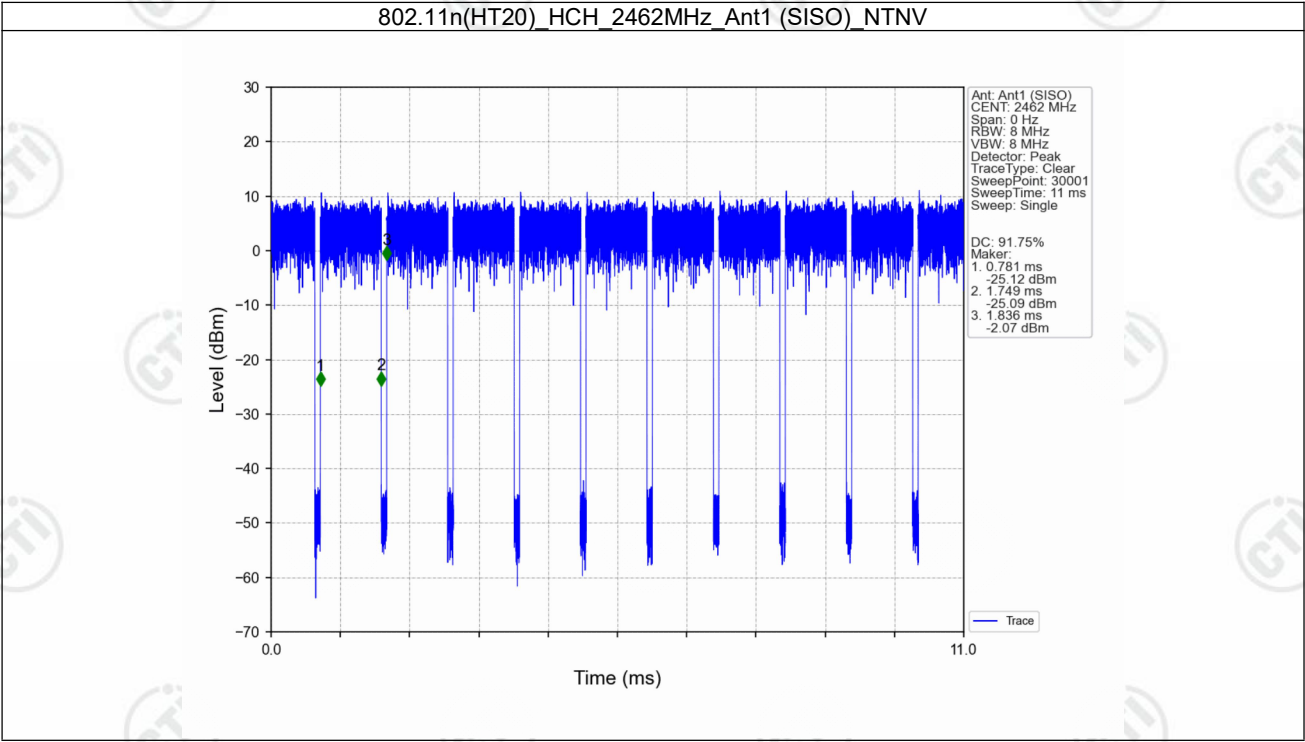












2. Bandwidth

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	11.611	/	Pass
		2437	1	12.212	/	Pass
		2462	1	12.258	/	Pass
802.11g	SISO	2412	1	16.358	/	Pass
		2437	1	16.471	/	Pass
		2462	1	16.397	/	Pass
802.11n (HT20)	SISO	2412	1	17.513	/	Pass
		2437	1	17.646	/	Pass
		2462	1	17.591	/	Pass

2.1.2 6dB BW

Mode	TX Type	Frequency (MHz)	ANT	6dB Bandwidth (MHz)		Verdict
				Result	Limit	
802.11b	SISO	2412	1	8.153	≥ 0.5	Pass
		2437	1	8.185	≥ 0.5	Pass
		2462	1	8.606	≥ 0.5	Pass
802.11g	SISO	2412	1	15.040	≥ 0.5	Pass
		2437	1	16.346	≥ 0.5	Pass
		2462	1	16.144	≥ 0.5	Pass
802.11n (HT20)	SISO	2412	1	16.204	≥ 0.5	Pass
		2437	1	17.510	≥ 0.5	Pass
		2462	1	17.172	≥ 0.5	Pass

2.2 Test Graph

2.2.1 OBW

