

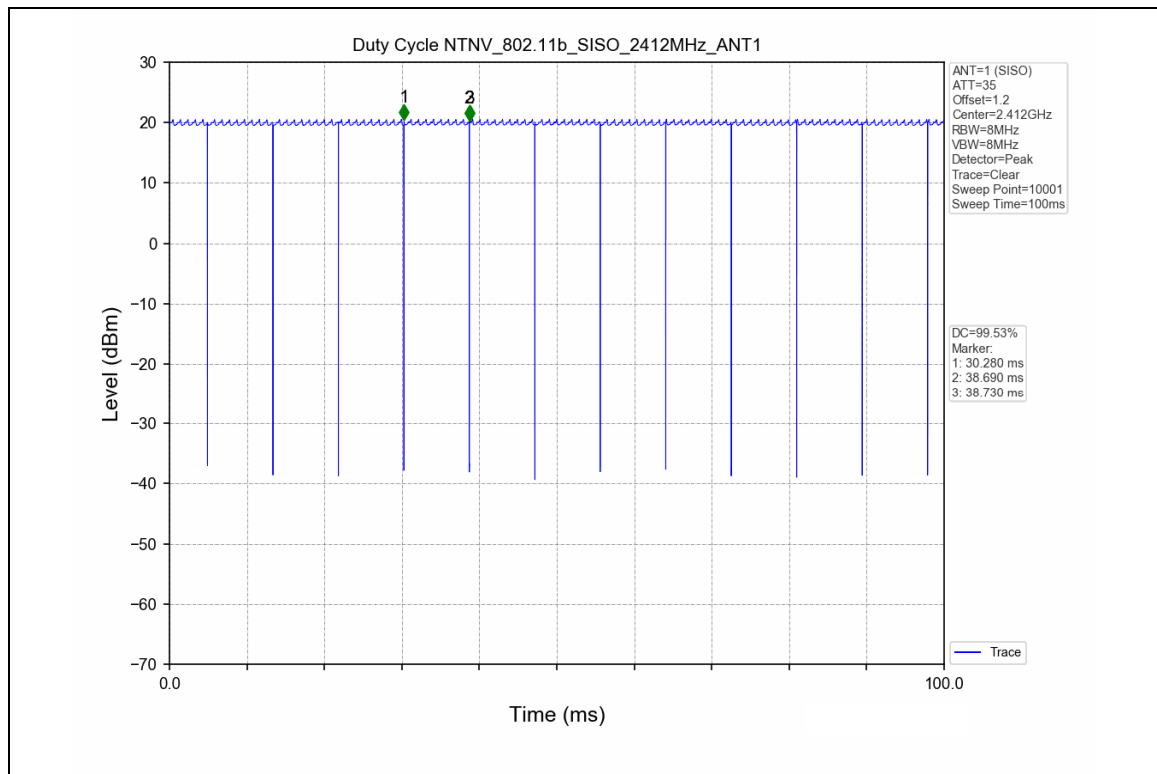
10 Appendix

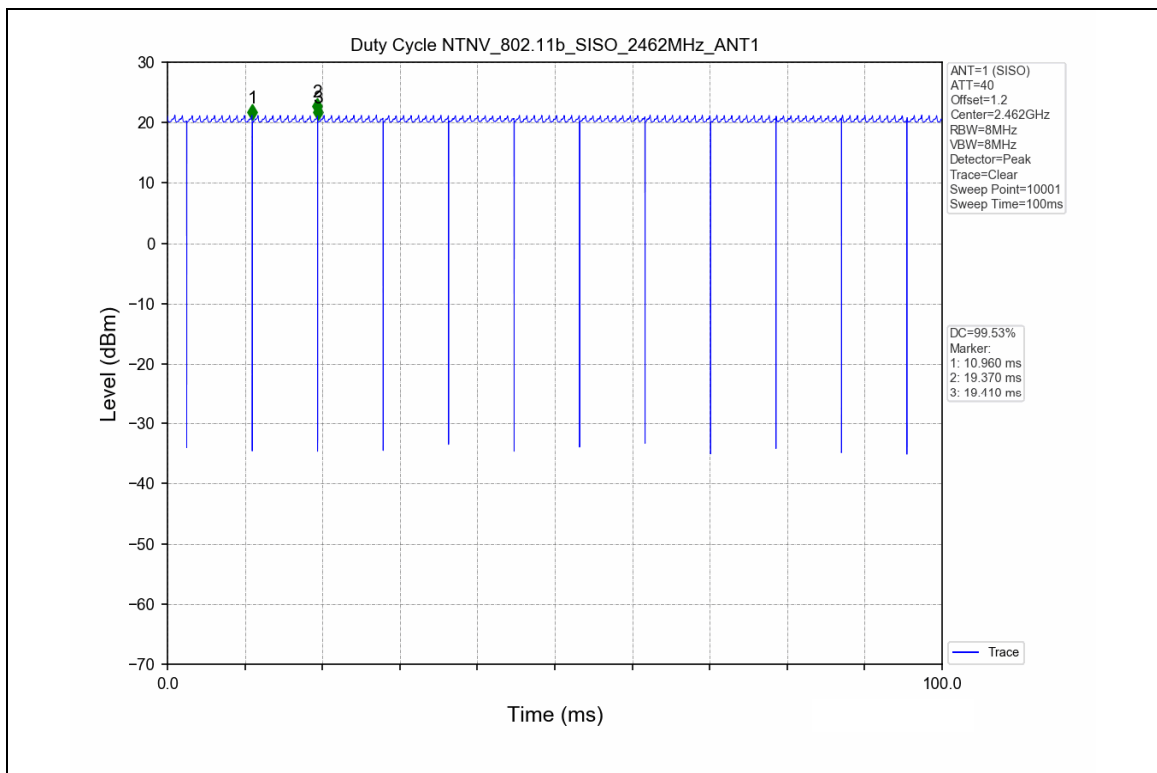
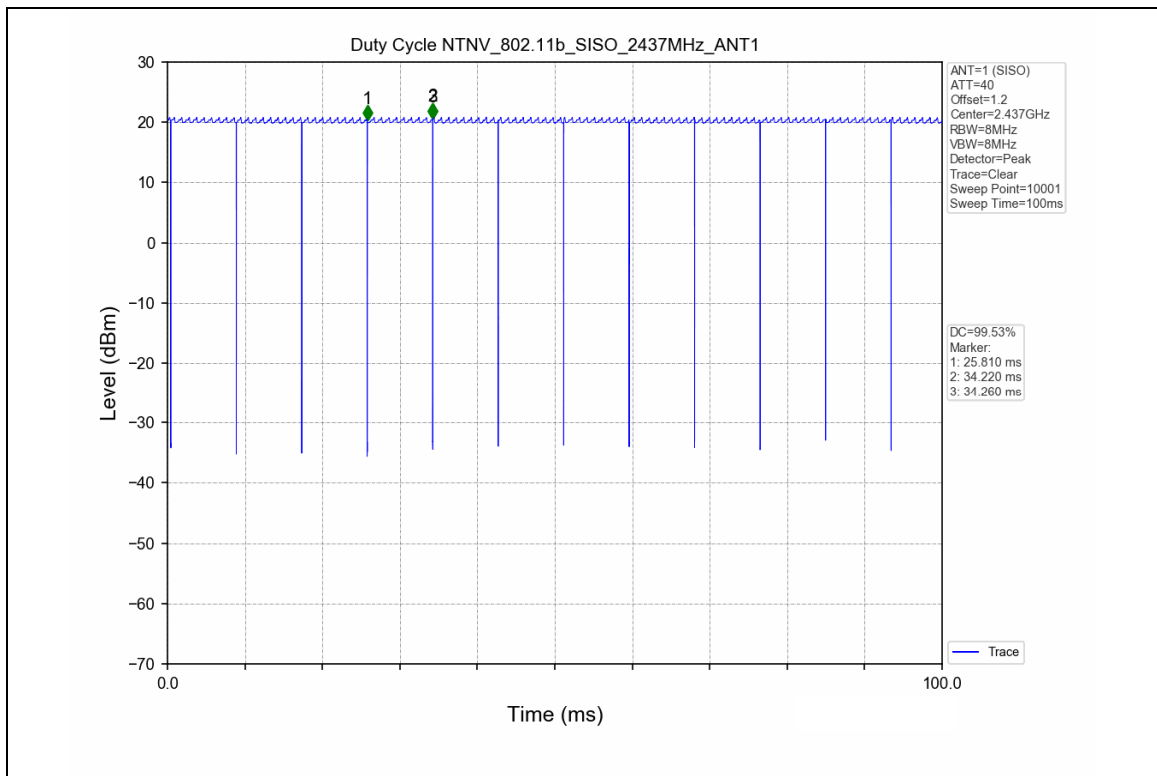
1. Duty Cycle

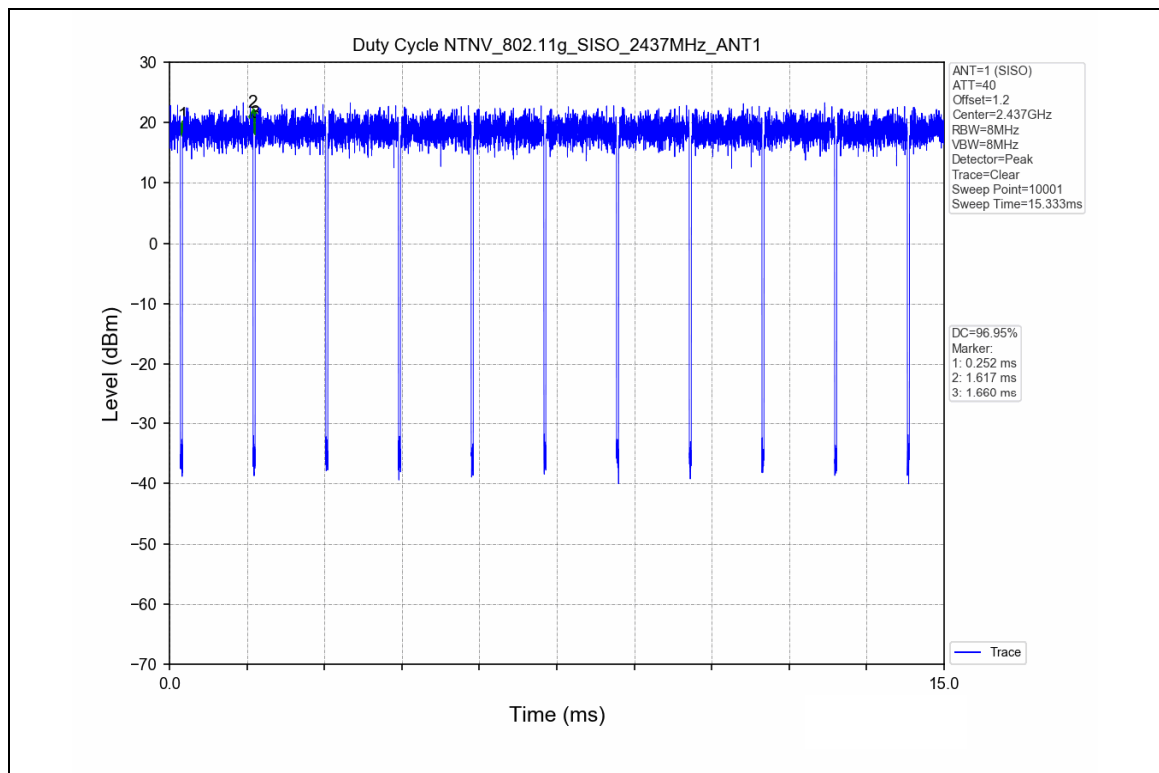
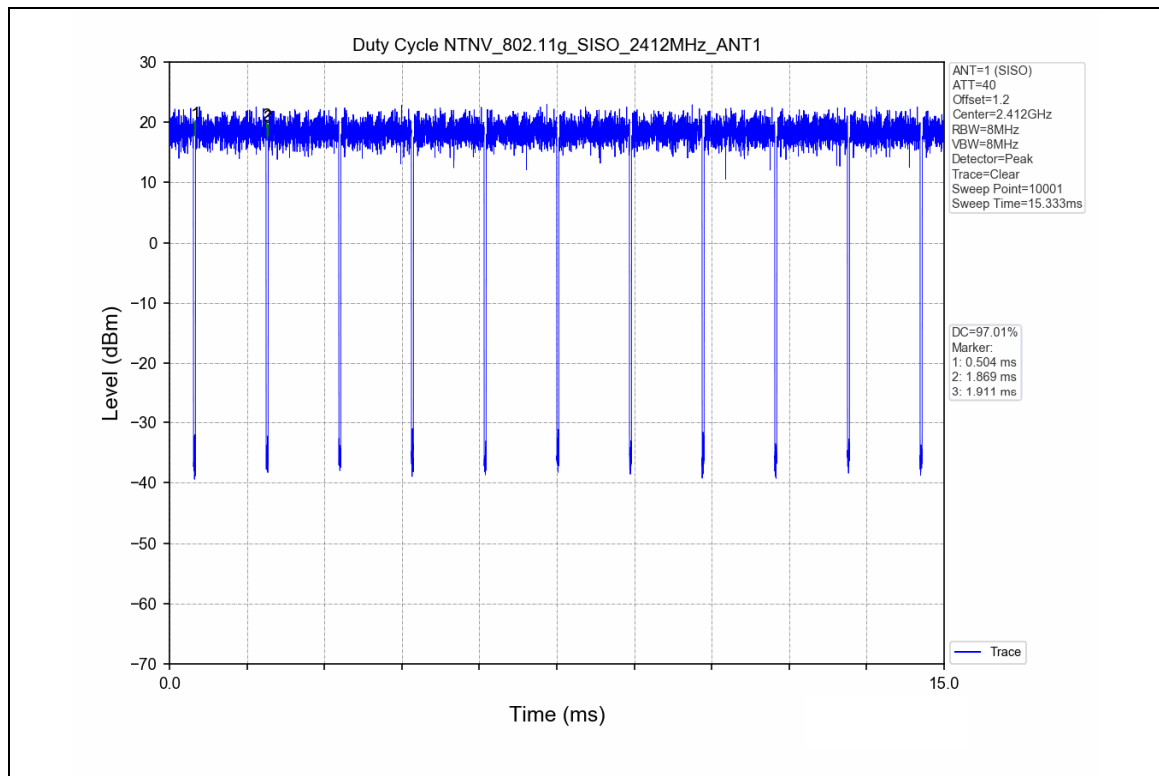
1.1 Test Result

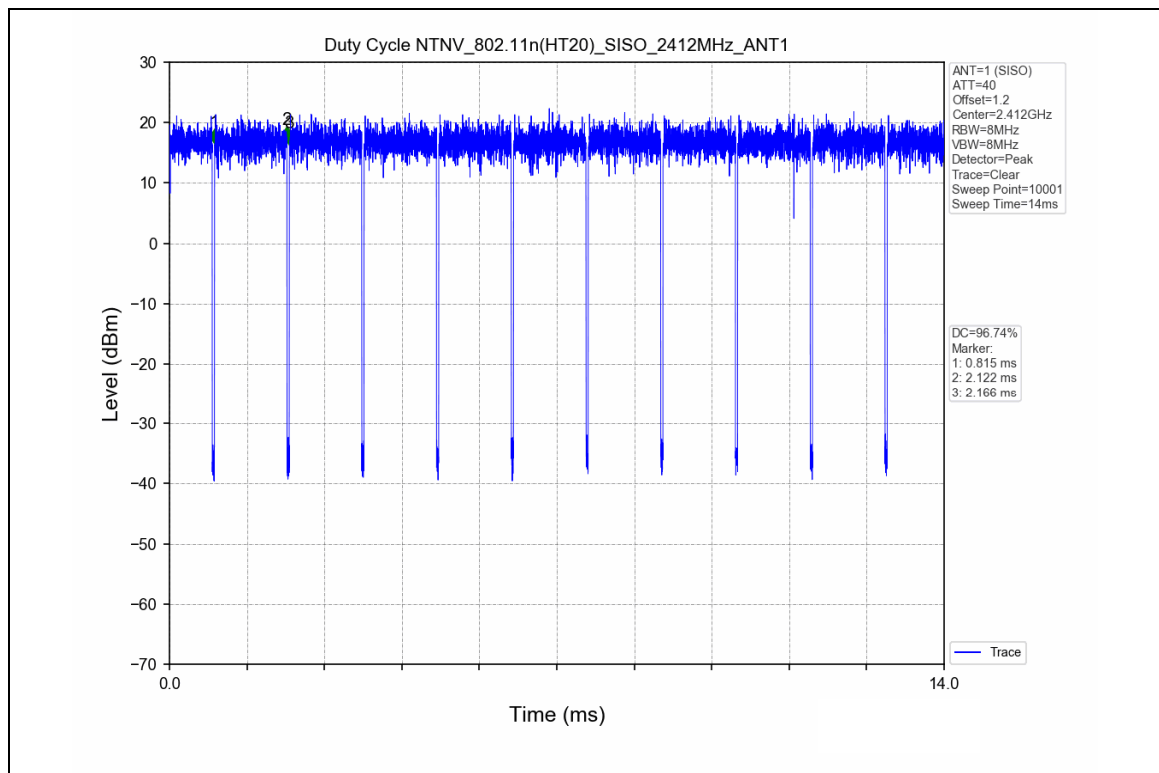
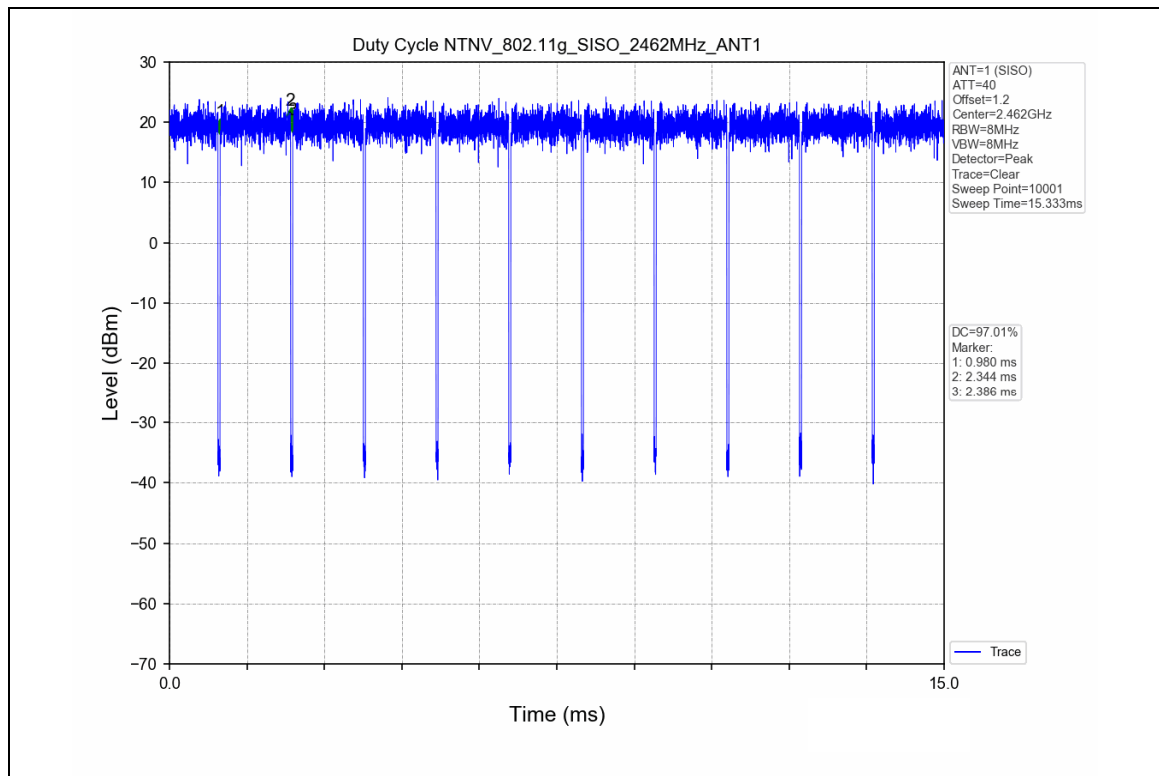
Test Mode	Channel Frequency(M Hz)	TX Type	ANT No.	T_on (ms)	Period (ms)	Duty Cycle (%)	Duty Cycle Correction Factor (dB)
802.11b	2412	SISO	1	8.410	8.450	99.53	0.02
	2437	SISO	1	8.410	8.450	99.53	0.02
	2462	SISO	1	8.410	8.450	99.53	0.02
802.11g	2412	SISO	1	1.365	1.407	97.01	0.13
	2437	SISO	1	1.365	1.408	96.95	0.13
	2462	SISO	1	1.364	1.406	97.01	0.13
802.11n(HT20)	2412	SISO	1	1.307	1.351	96.74	0.14
	2437	SISO	1	1.308	1.351	96.82	0.14
	2462	SISO	1	1.307	1.351	96.74	0.14

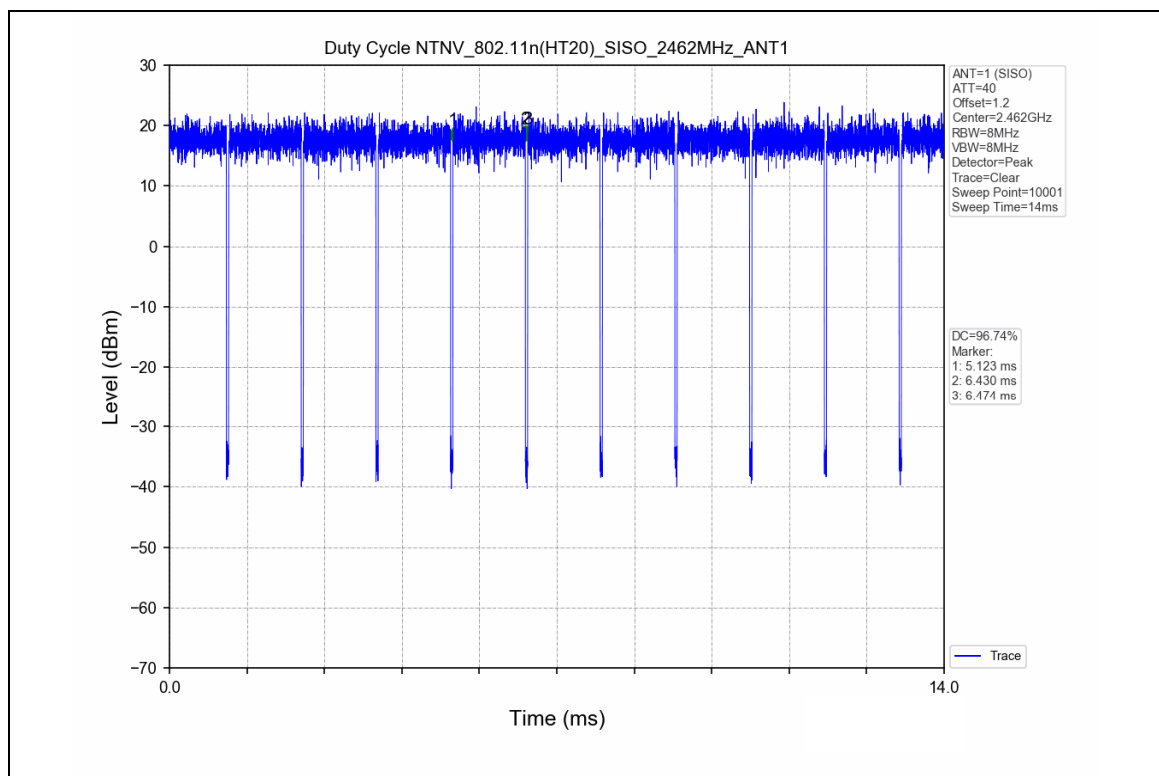
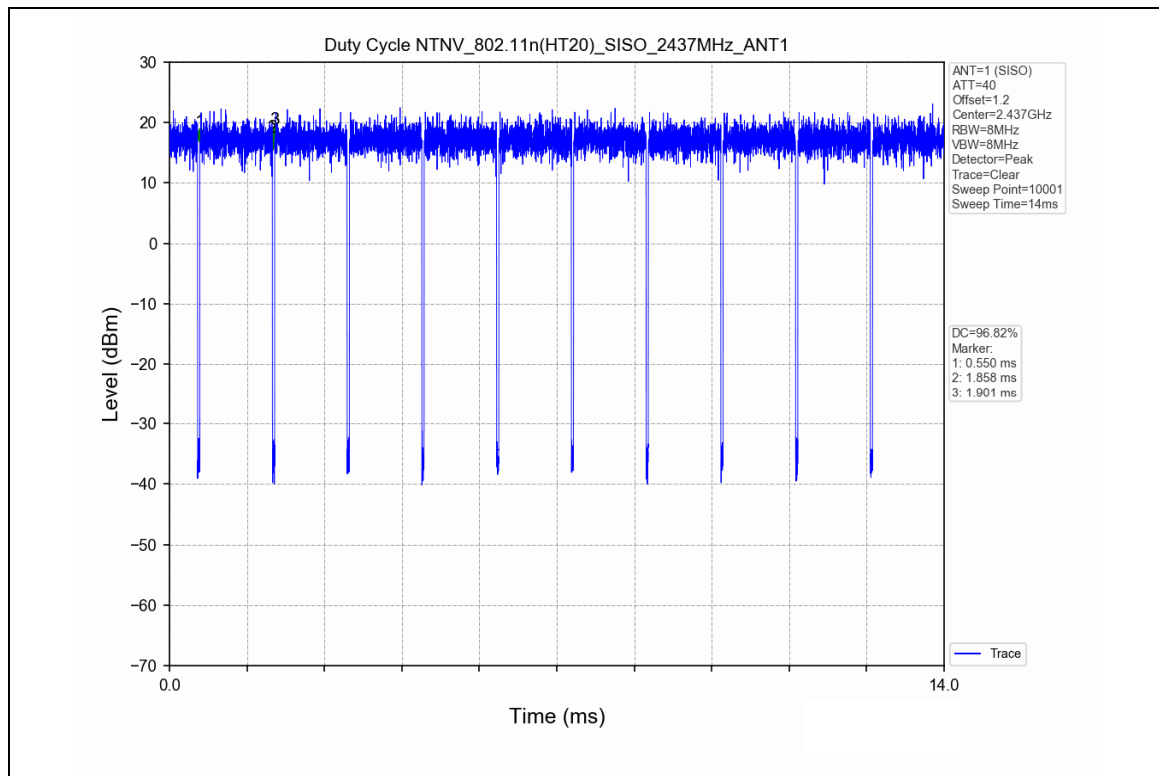
1.2 Test Graph









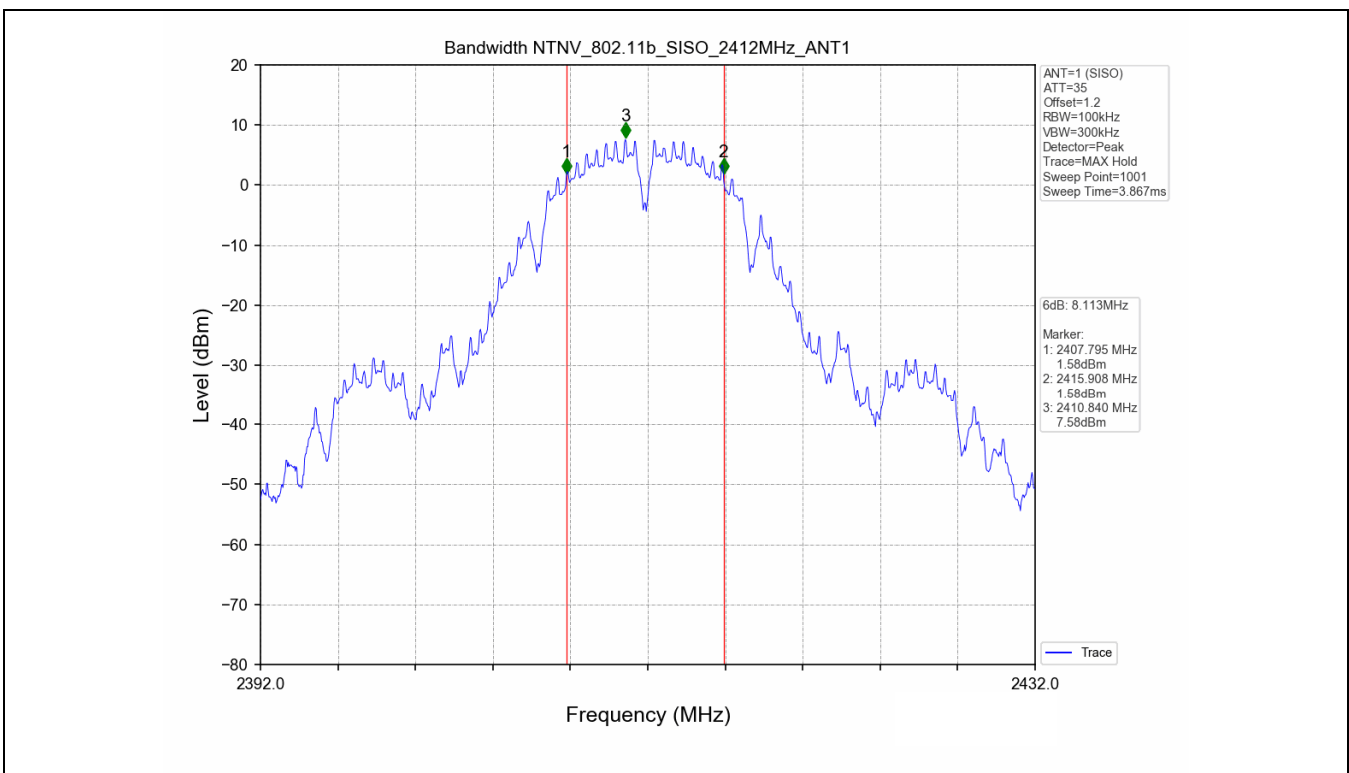


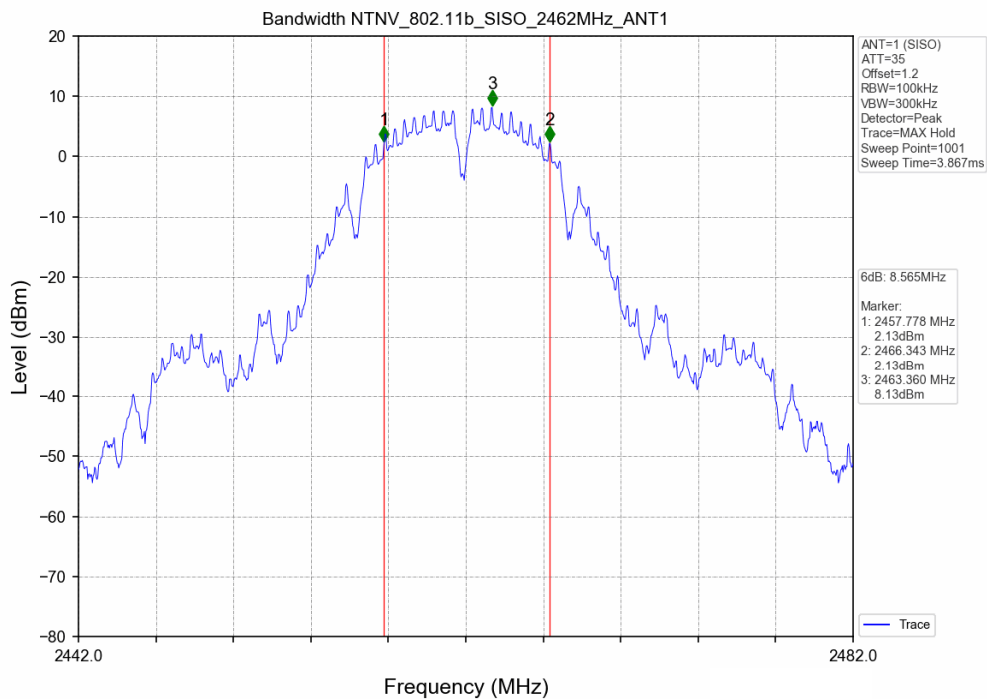
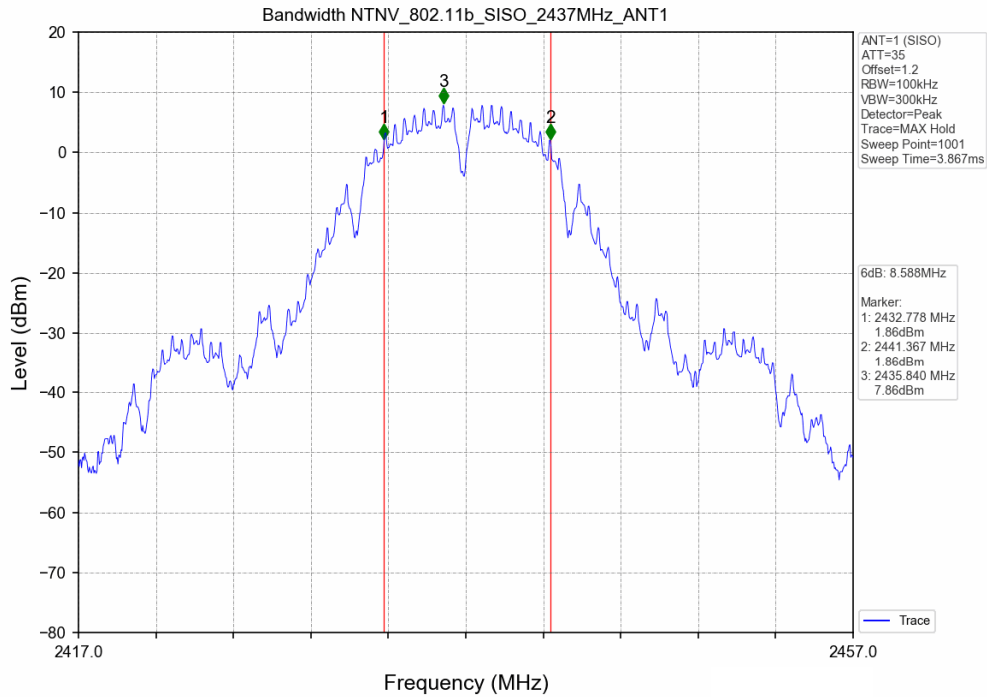
2. Bandwidth

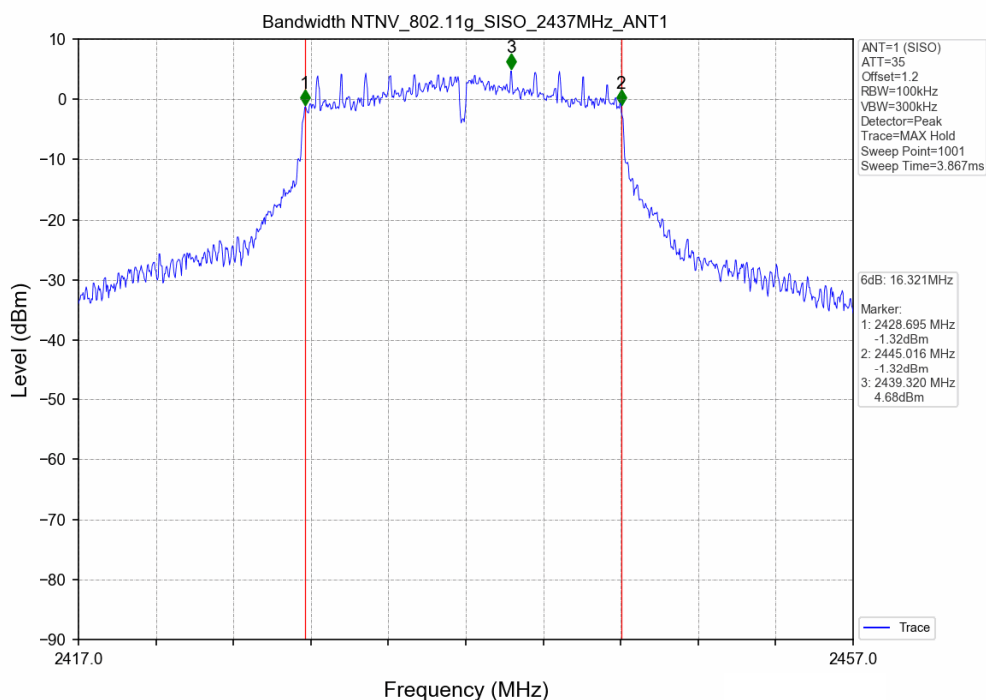
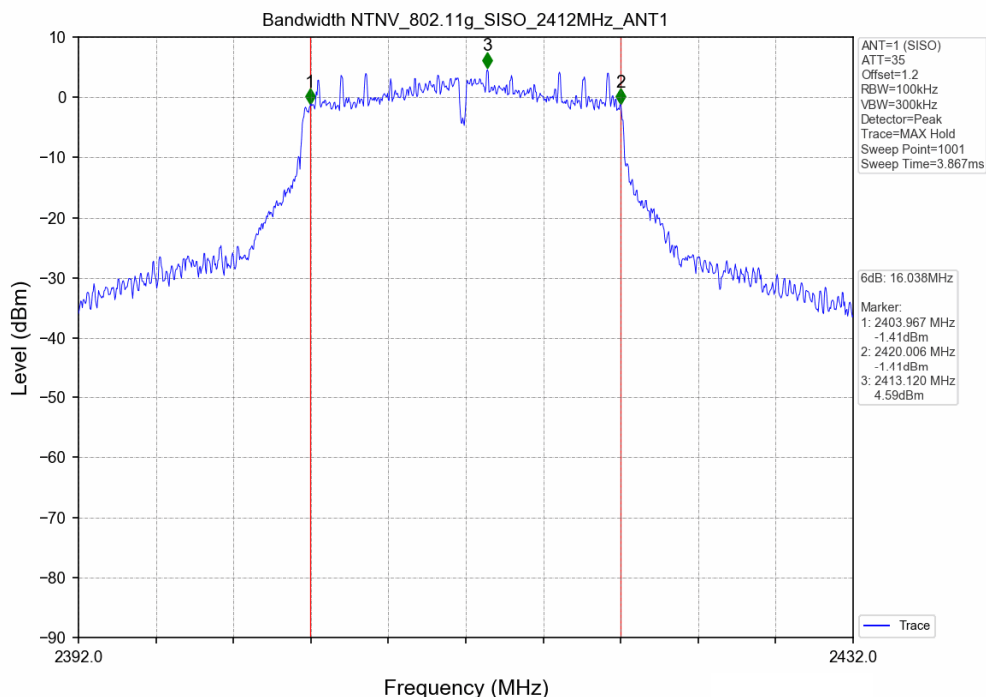
2.1 Test Result

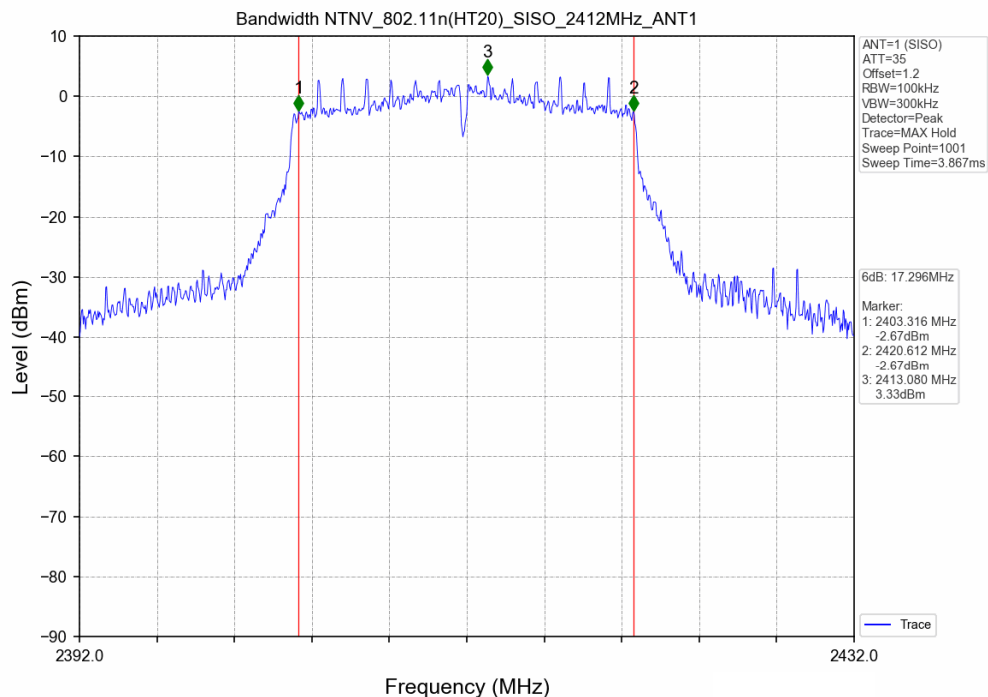
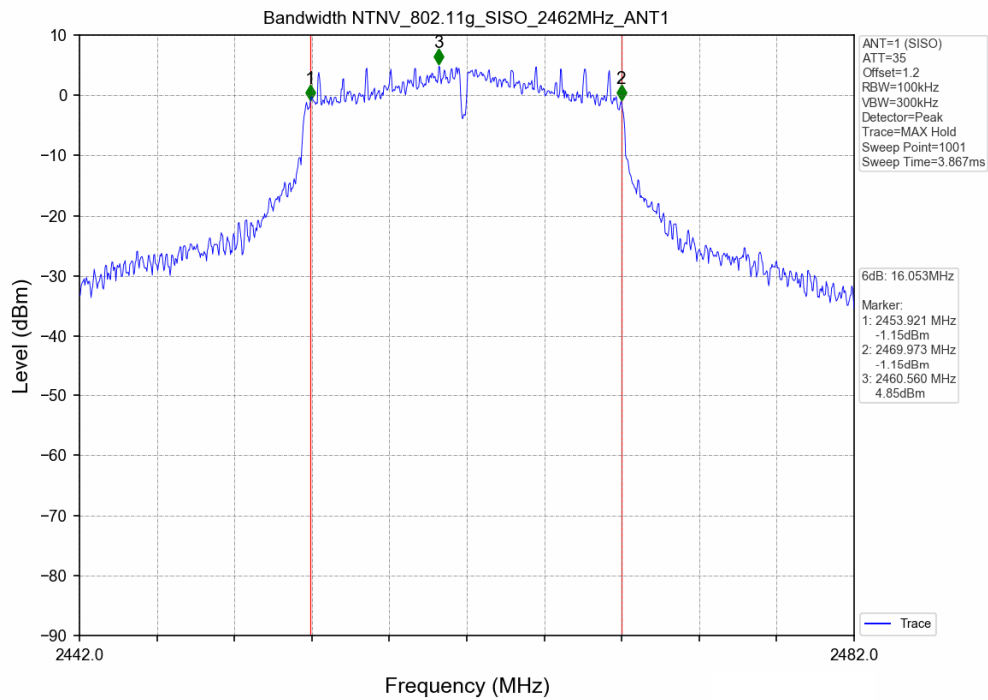
Test Mode	Frequency (MHz)	TX Type	ANT No.	6dB Bandwidth		Verdict
				Test Result (MHz)	Limits (MHz)	
802.11b	2412	SISO	1	8.113	≥ 0.5	PASS
	2437	SISO	1	8.588	≥ 0.5	PASS
	2462	SISO	1	8.565	≥ 0.5	PASS
802.11g	2412	SISO	1	16.038	≥ 0.5	PASS
	2437	SISO	1	16.321	≥ 0.5	PASS
	2462	SISO	1	16.053	≥ 0.5	PASS
802.11n(HT20)	2412	SISO	1	17.296	≥ 0.5	PASS
	2437	SISO	1	17.293	≥ 0.5	PASS
	2462	SISO	1	15.535	≥ 0.5	PASS

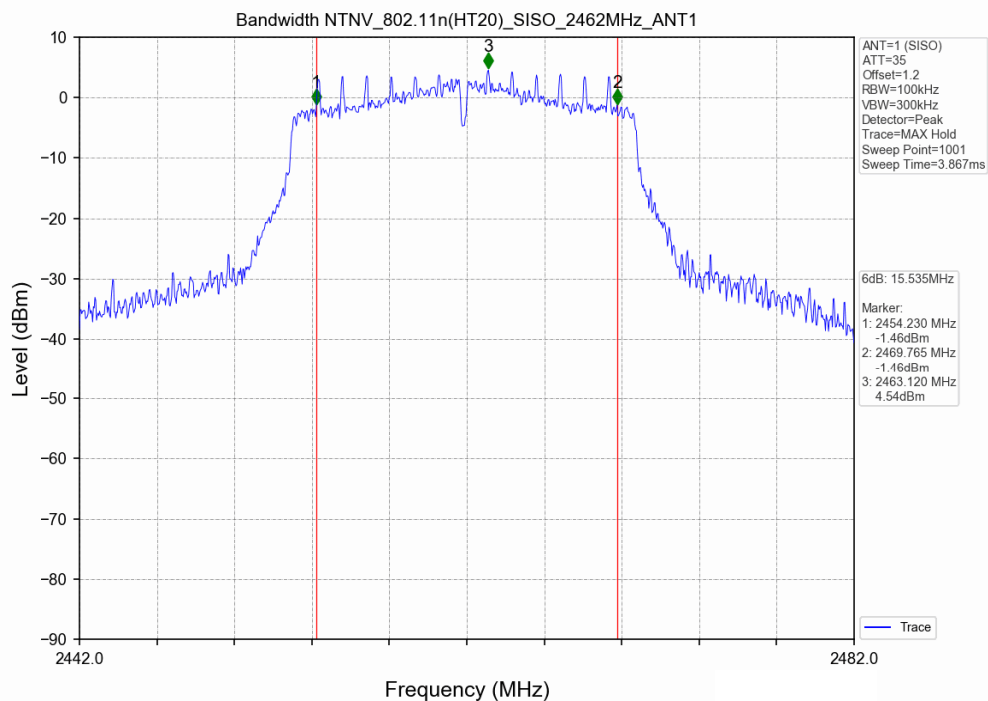
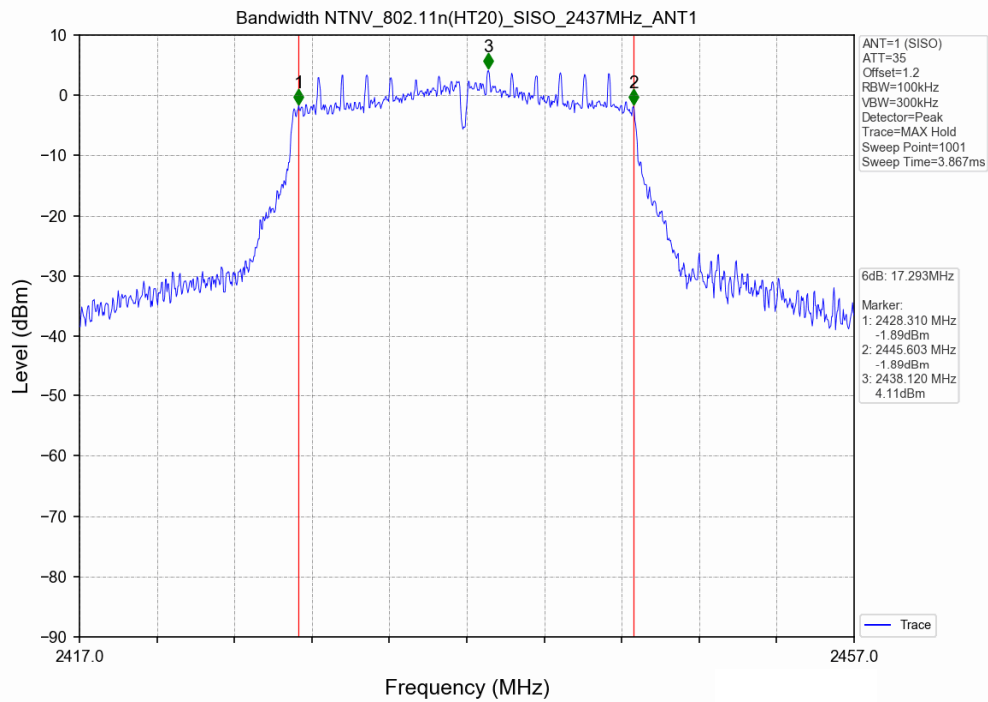
2.2 Test Graph - 6dB Bandwidth











3. Maximum Conducted Output Power

3.1 Test Result

Test Mode	Frequency (MHz)	Tx Type	Measured Average Output Power (dBm)	Limits (dBm)	Verdict
			Ant 1		
802.11b	2412	SISO	15.48	30	PASS
	2437	SISO	15.90	30	PASS
	2462	SISO	16.13	30	PASS
802.11g	2412	SISO	15.73	30	PASS
	2437	SISO	16.22	30	PASS
	2462	SISO	16.54	30	PASS
802.11n(HT20)	2412	SISO	14.42	30	PASS
	2437	SISO	14.86	30	PASS
	2462	SISO	14.86	30	PASS

4. Maximum Power Spectral Density (PSD)

4.1 Test Result

Test Mode	Frequency (MHz)	Tx Type	Maximum Power Spectral Density (dBm/3KHz)	Limits (dBm/3KHz)	Verdict
			Ant 1		
802.11b	2412	SISO	-6.51	≤8	PASS
	2437	SISO	-6.22	≤8	PASS
	2462	SISO	-6.22	≤8	PASS
802.11g	2412	SISO	-7.95	≤8	PASS
	2437	SISO	-7.62	≤8	PASS
	2462	SISO	-7.18	≤8	PASS
802.11n(HT20)	2412	SISO	-9.96	≤8	PASS
	2437	SISO	-9.27	≤8	PASS
	2462	SISO	-7.85	≤8	PASS

4.2 Test Graph

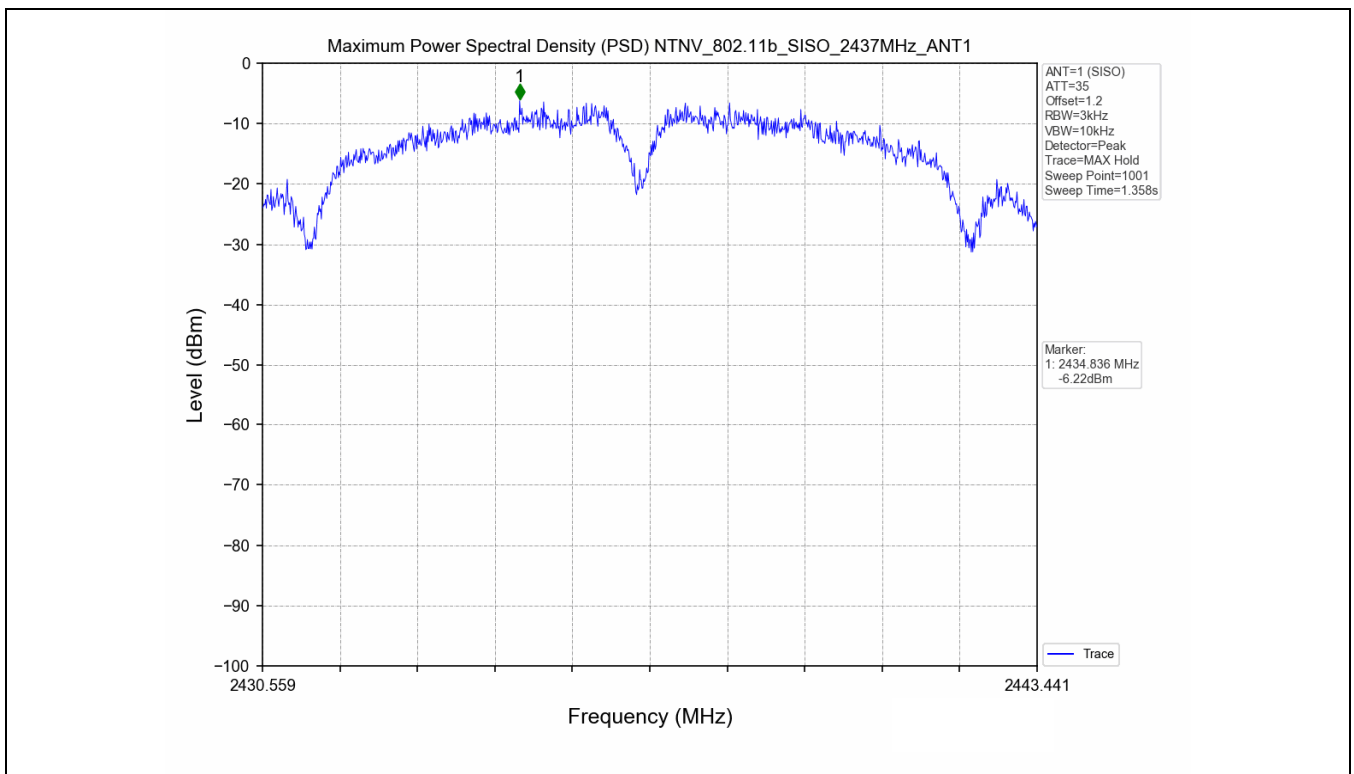
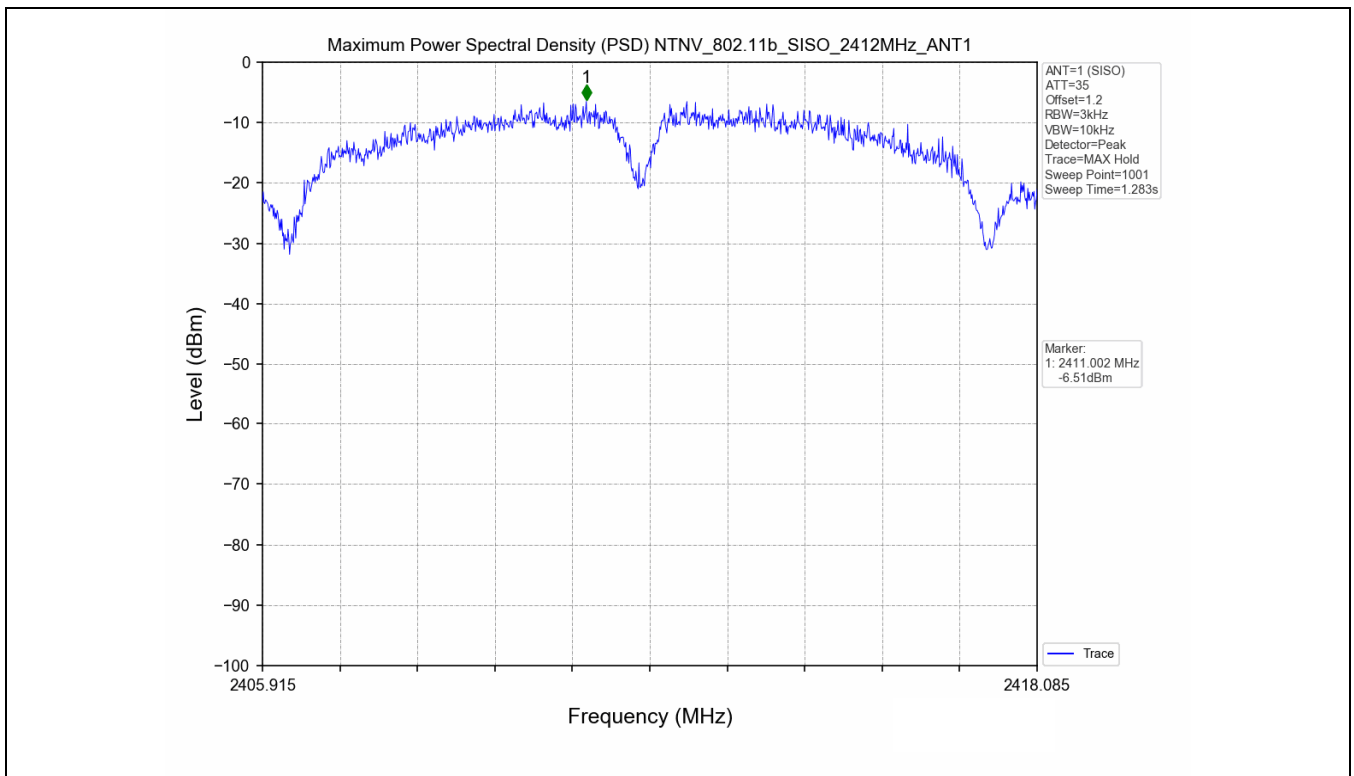


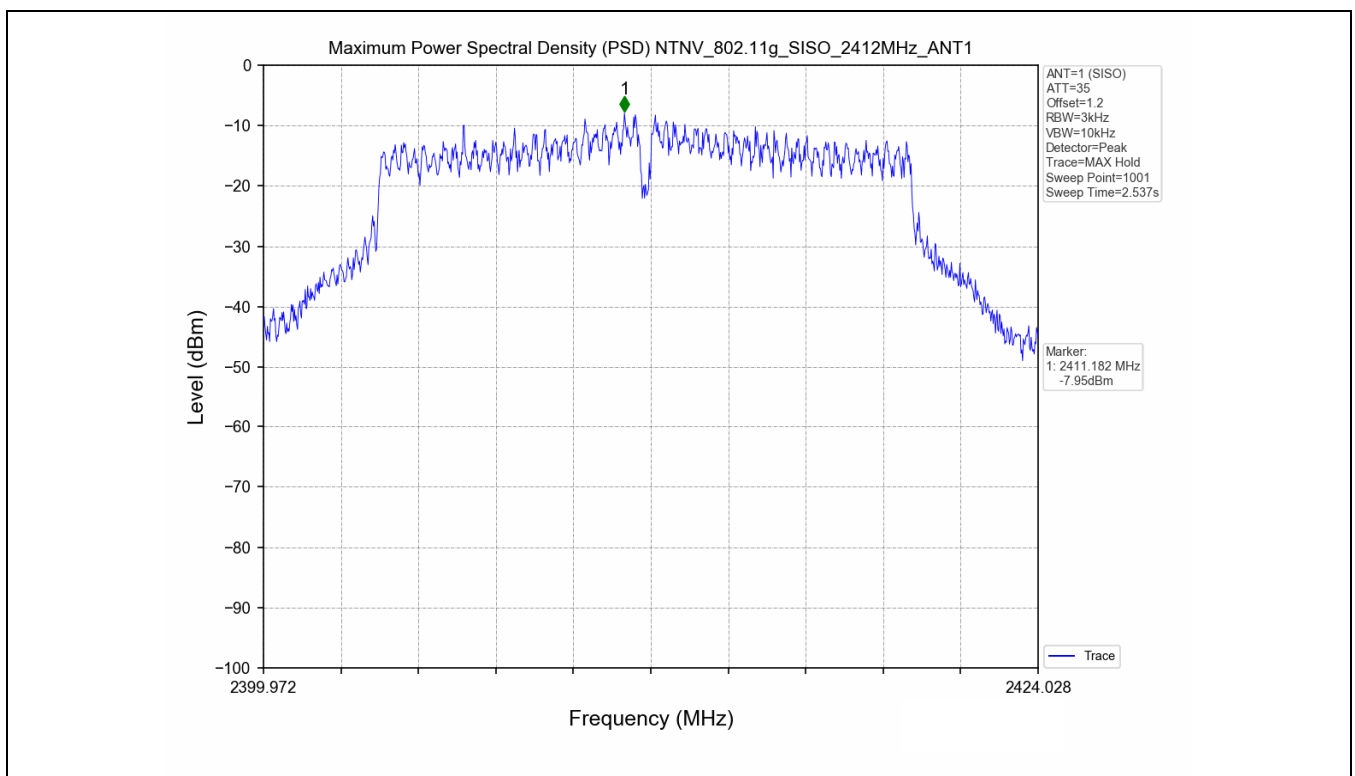
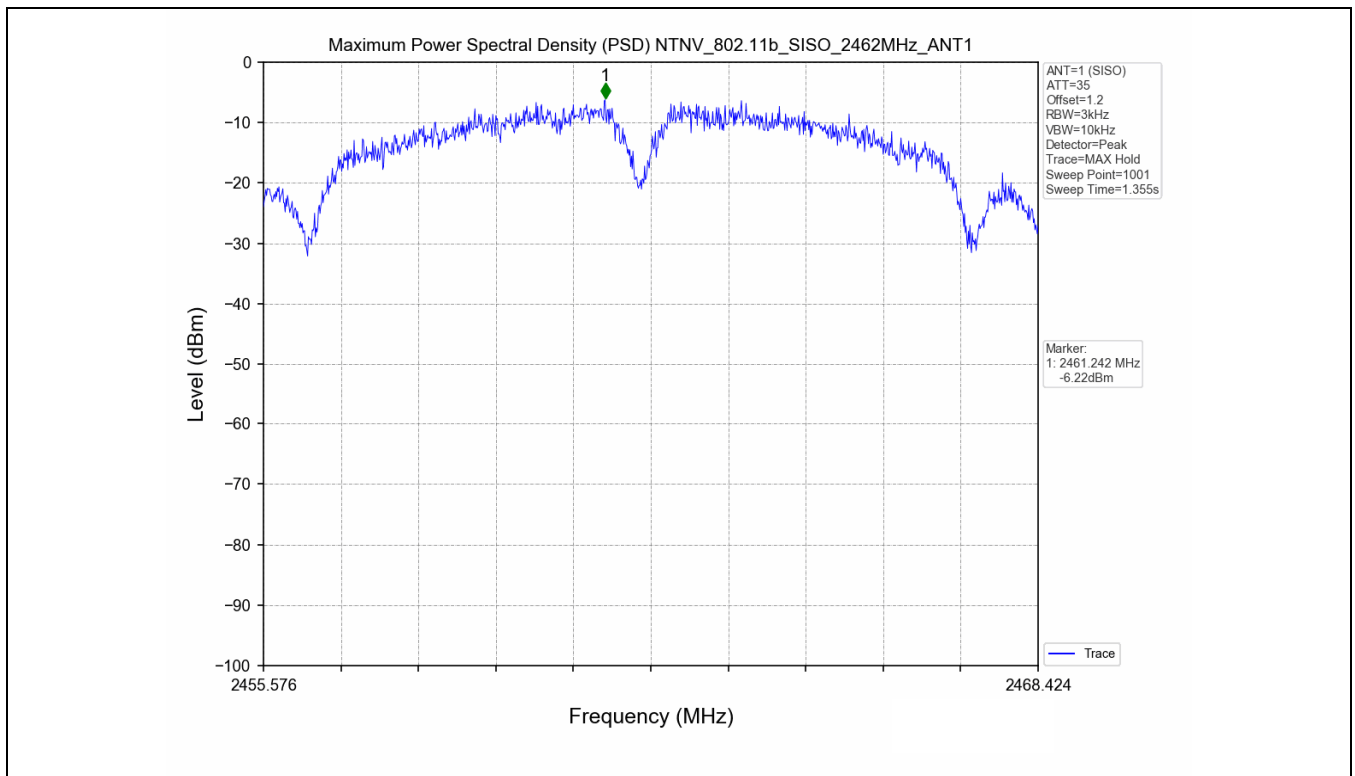
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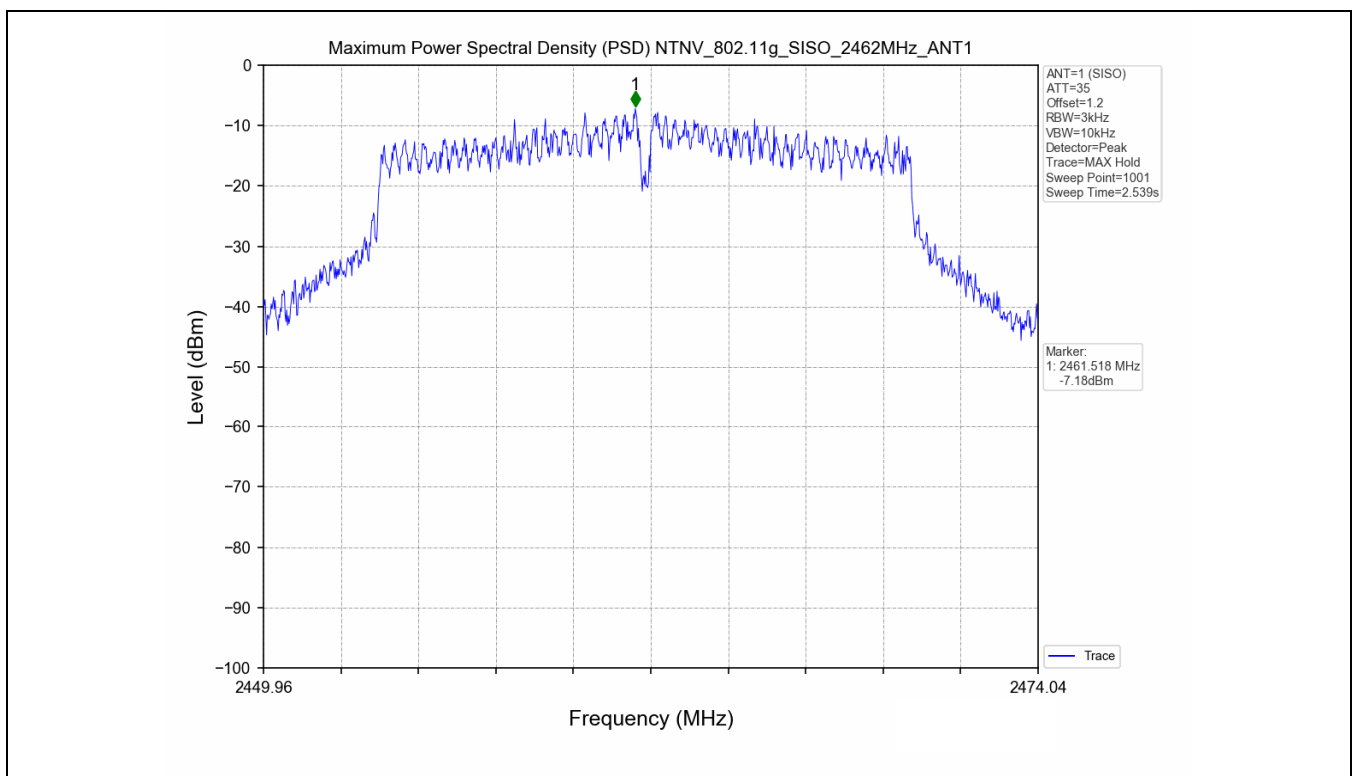
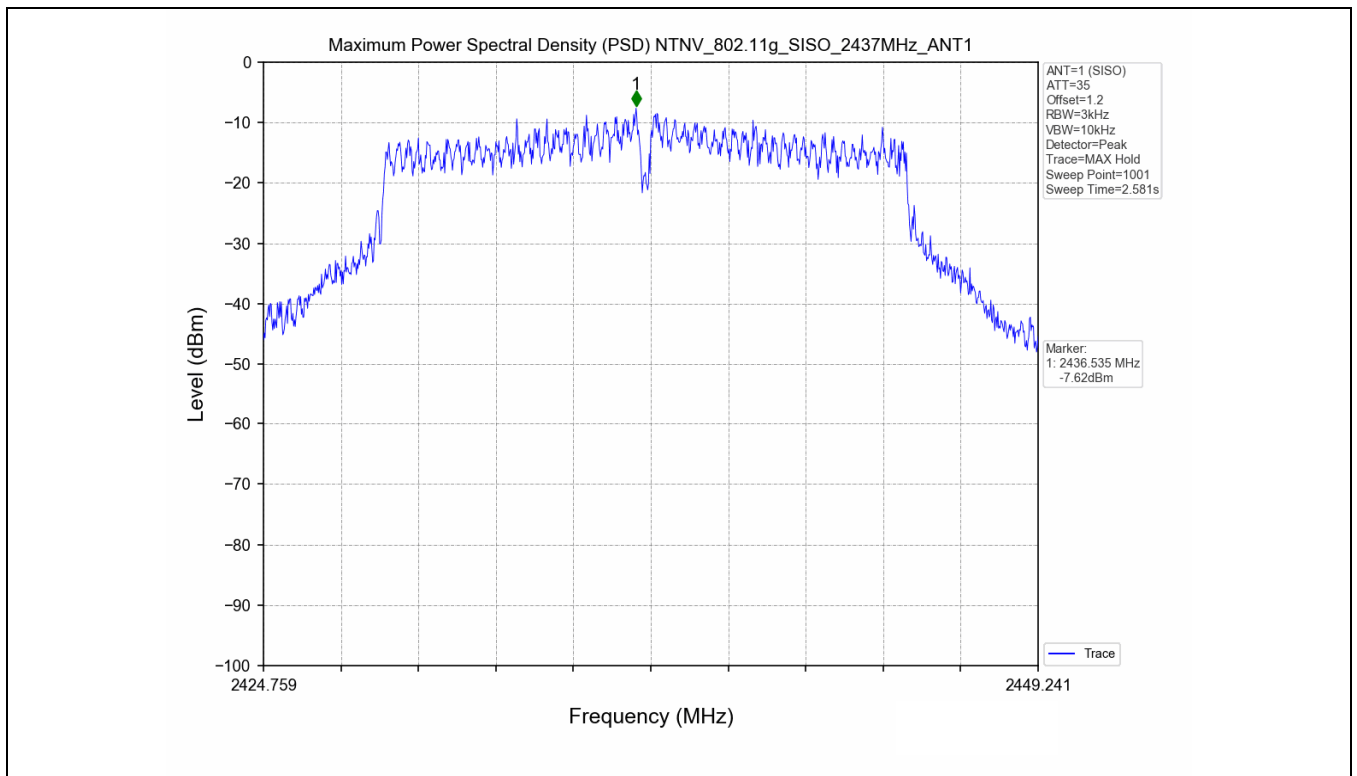
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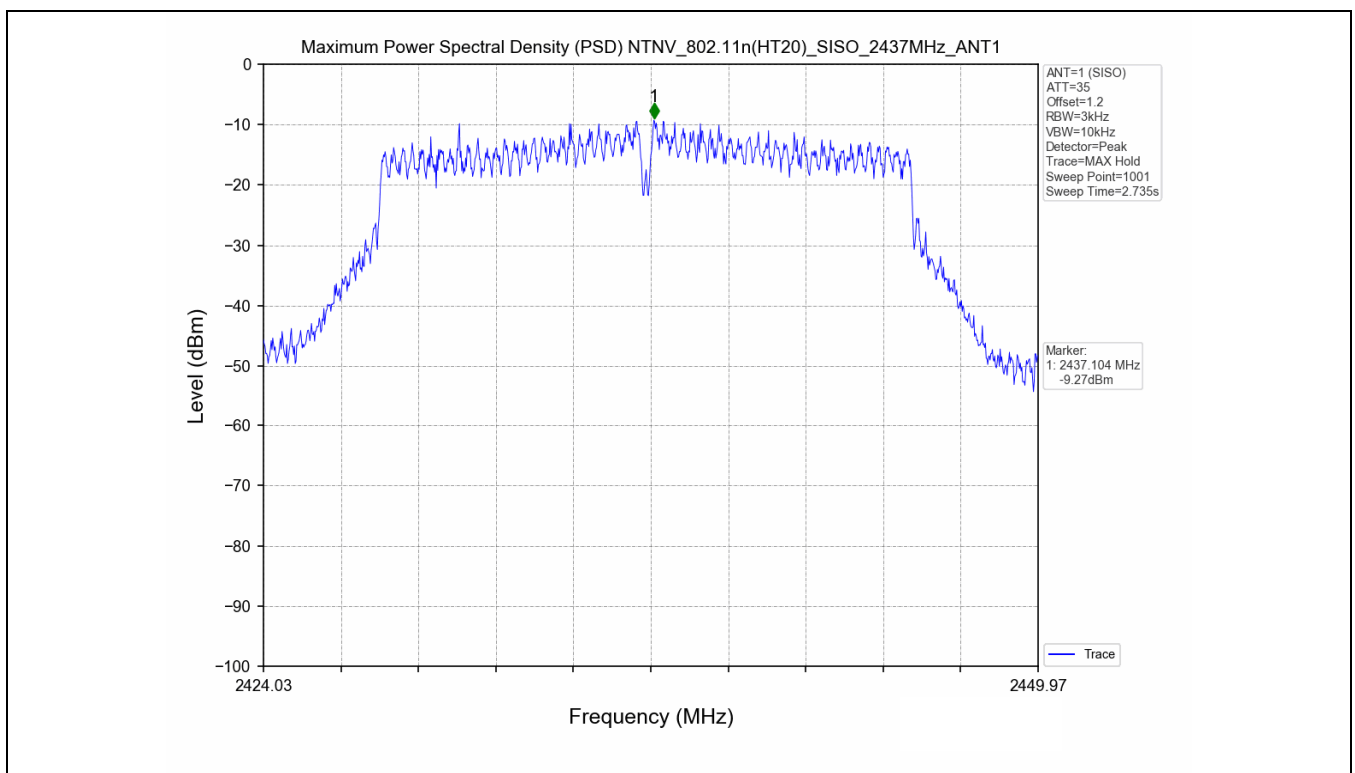
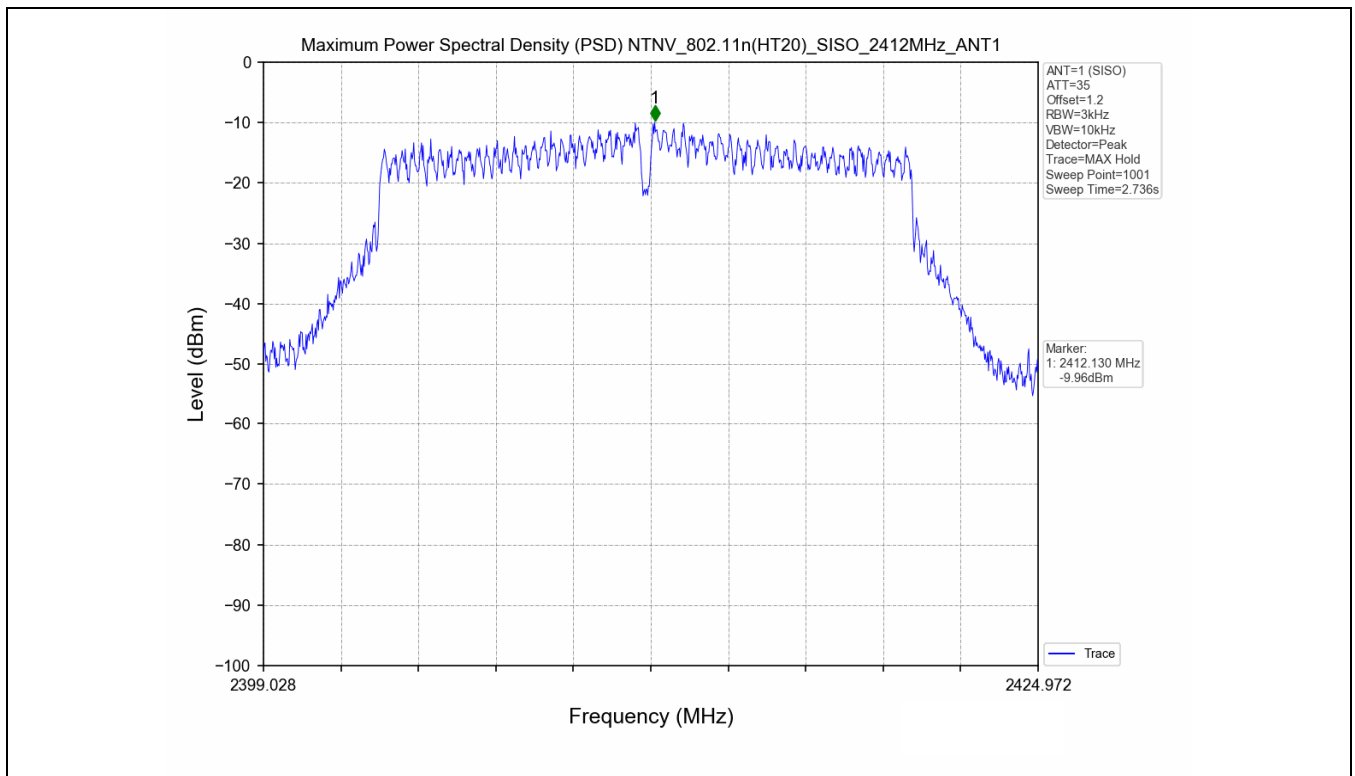
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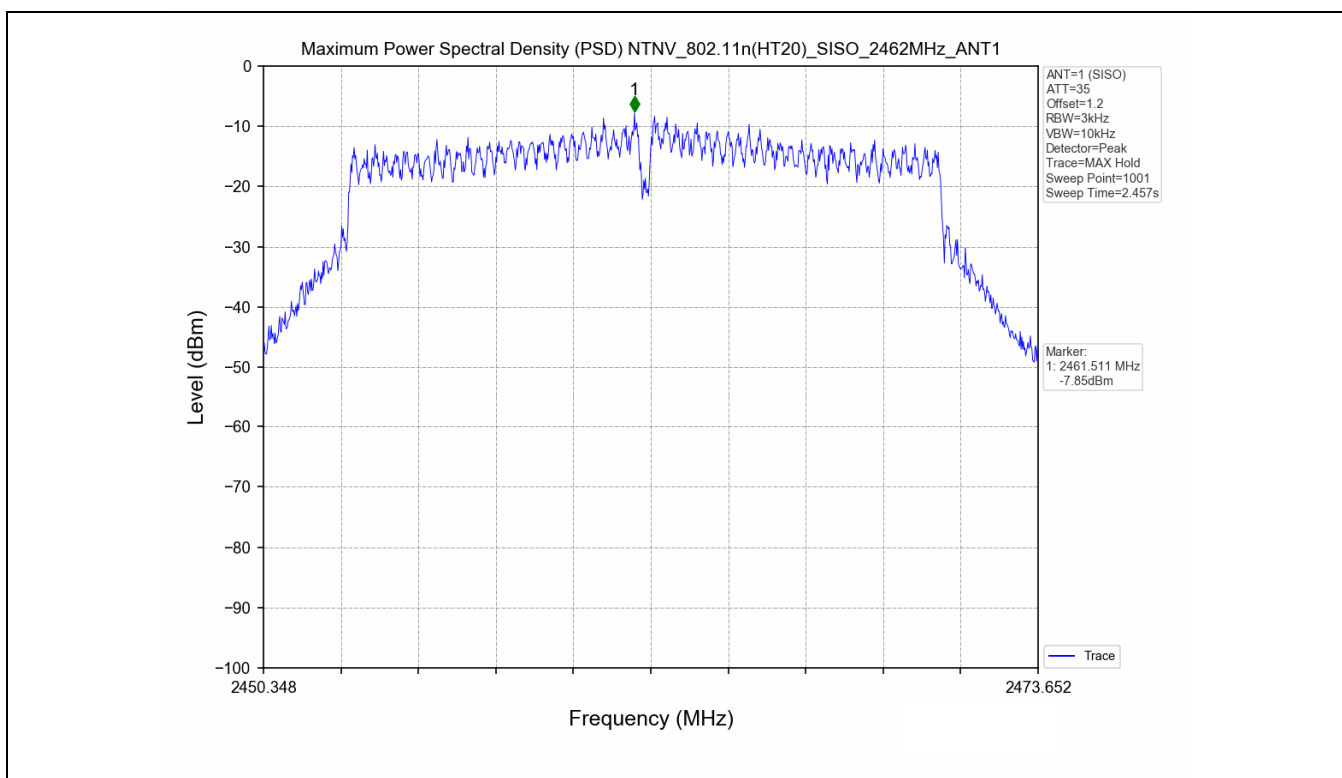






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5. Unwanted Emissions in Non-restricted Frequency Bands

5.1 Test Result

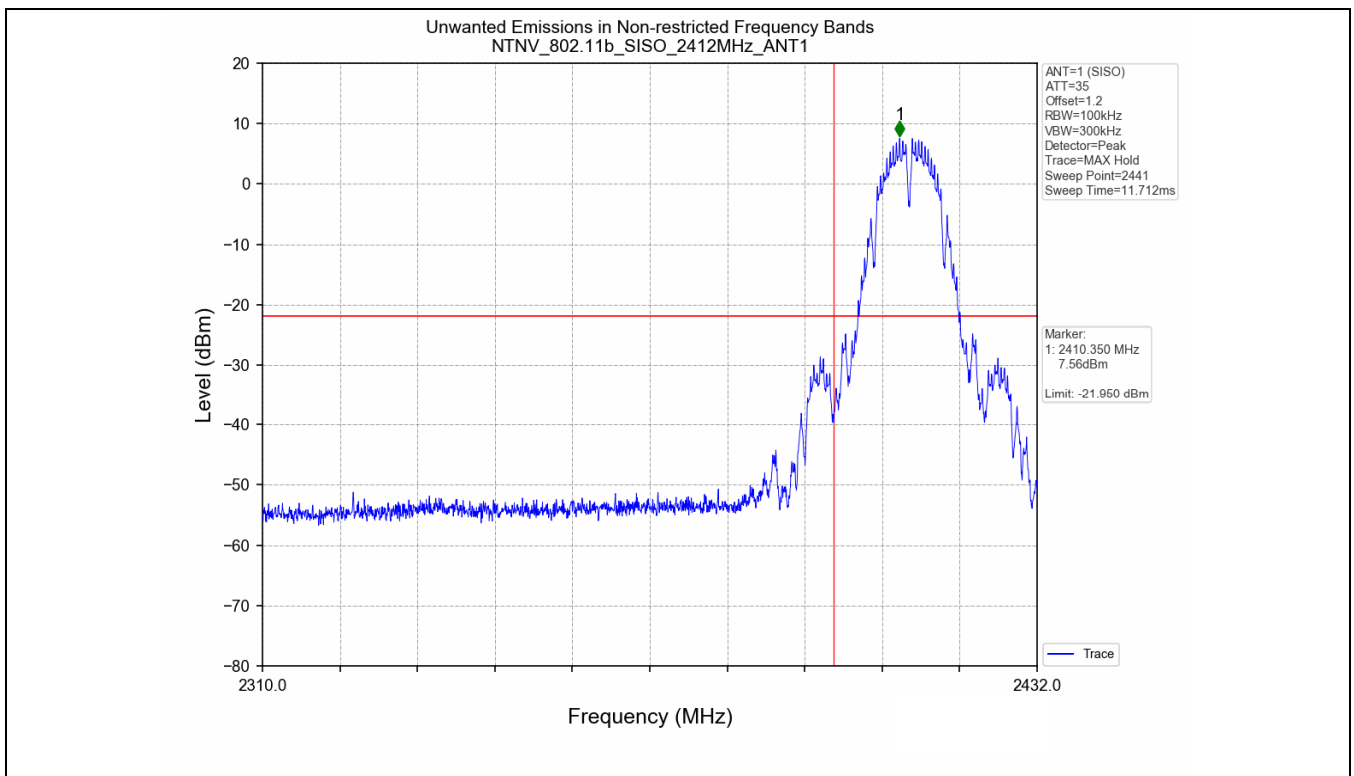
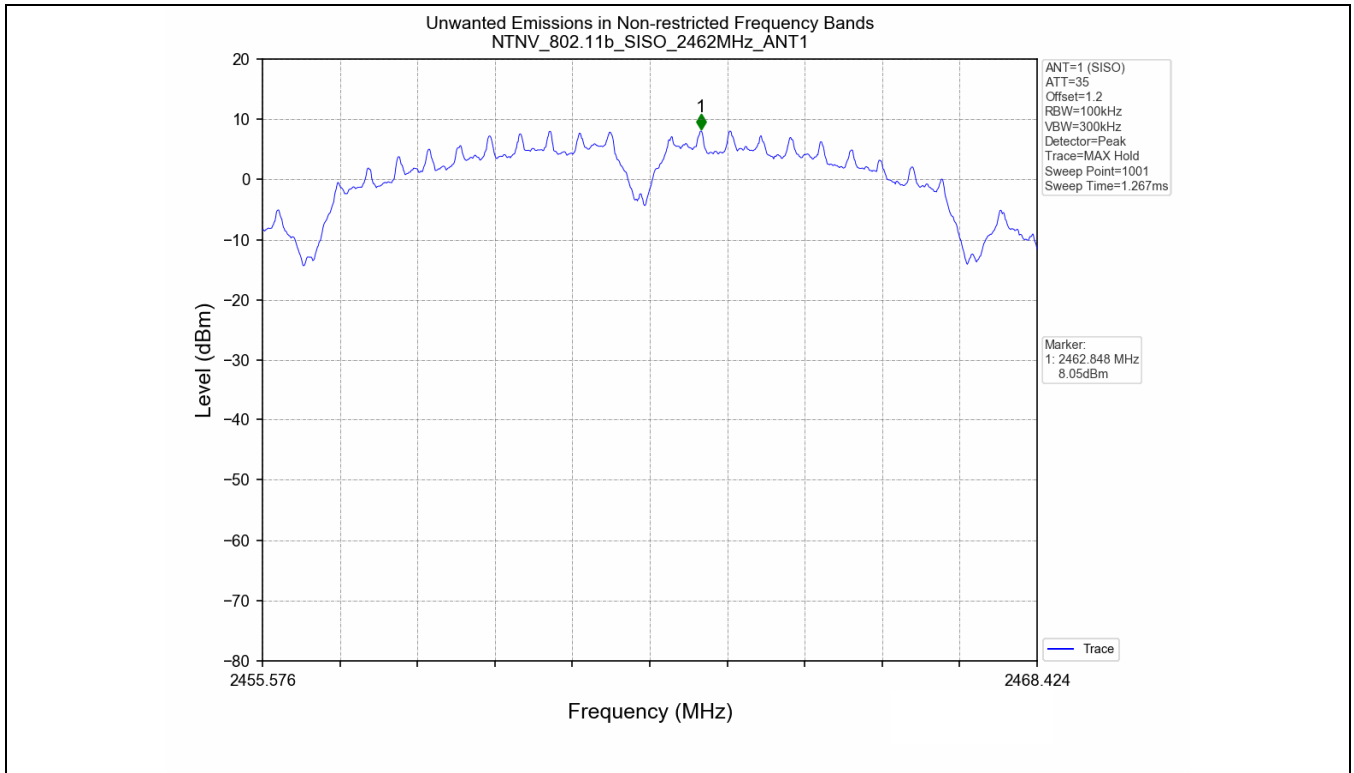
Test Mode	Frequency (MHz)	TX Type	ANT No.	Spurious Conducted Emission (dBm)	Limits (dBm)	Verdict
802.11b	2412	SISO	1	Refer to test graph	-21.95	PASS
	2437	SISO	1	Refer to test graph	-21.95	PASS
	2462	SISO	1	Refer to test graph	-21.95	PASS
802.11g	2412	SISO	1	Refer to test graph	-24.54	PASS
	2437	SISO	1	Refer to test graph	-24.54	PASS
	2462	SISO	1	Refer to test graph	-24.54	PASS
802.11n(HT20)	2412	SISO	1	Refer to test graph	-25.42	PASS
	2437	SISO	1	Refer to test graph	-25.42	PASS
	2462	SISO	1	Refer to test graph	-25.42	PASS

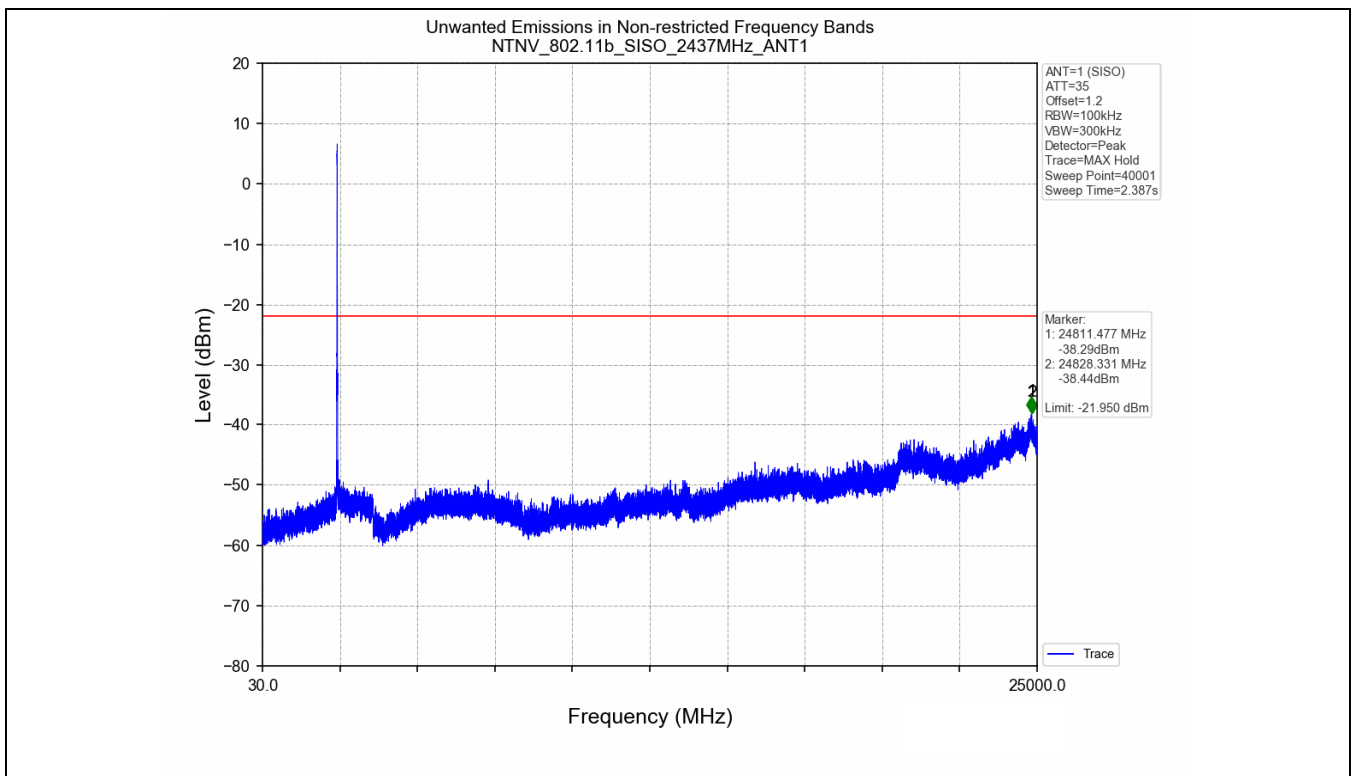
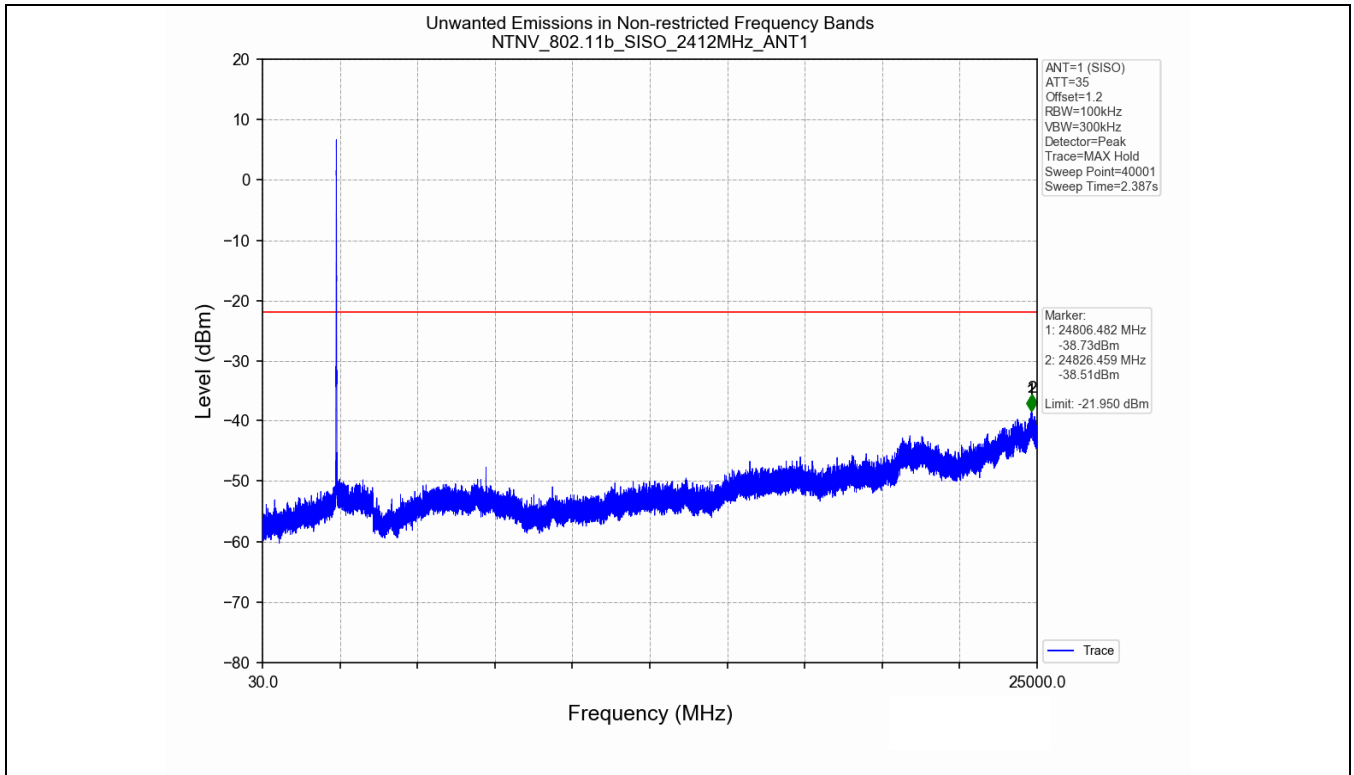
5.2 Test Graph

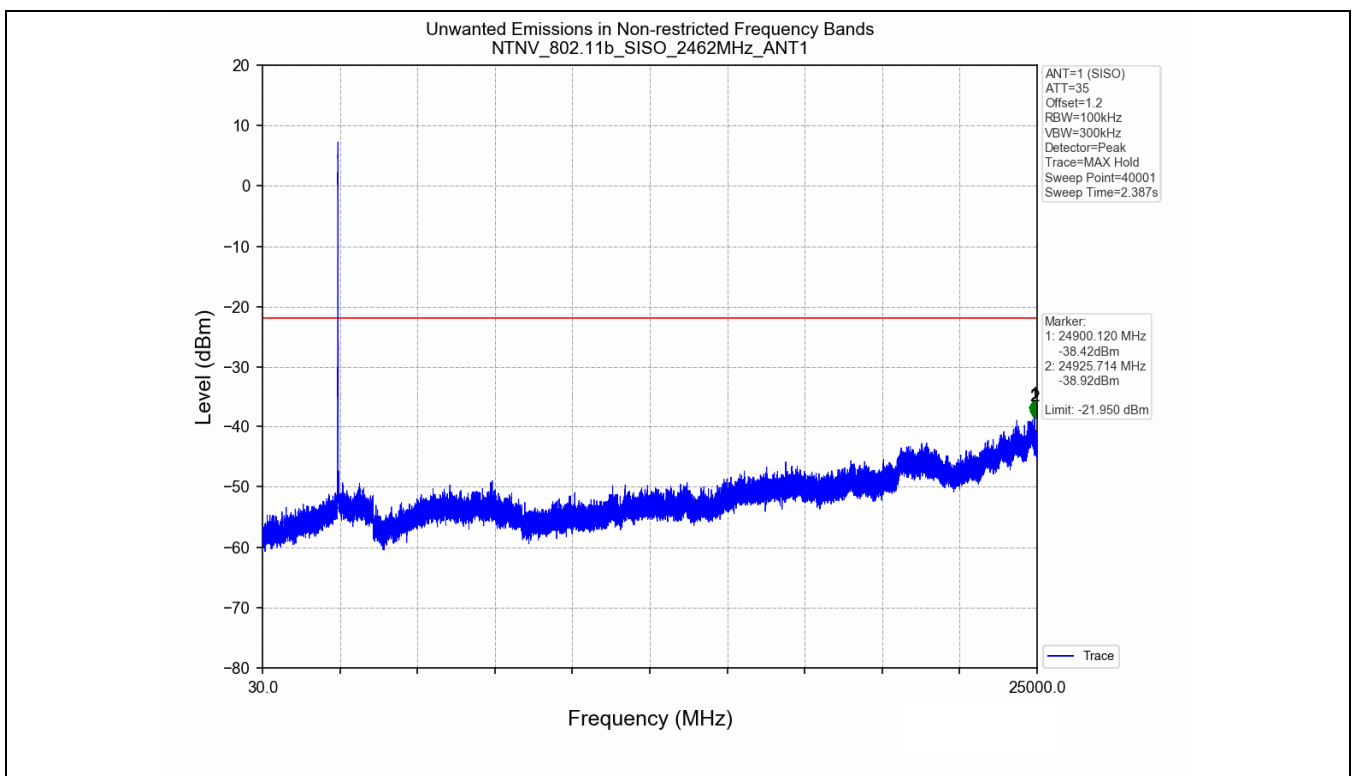
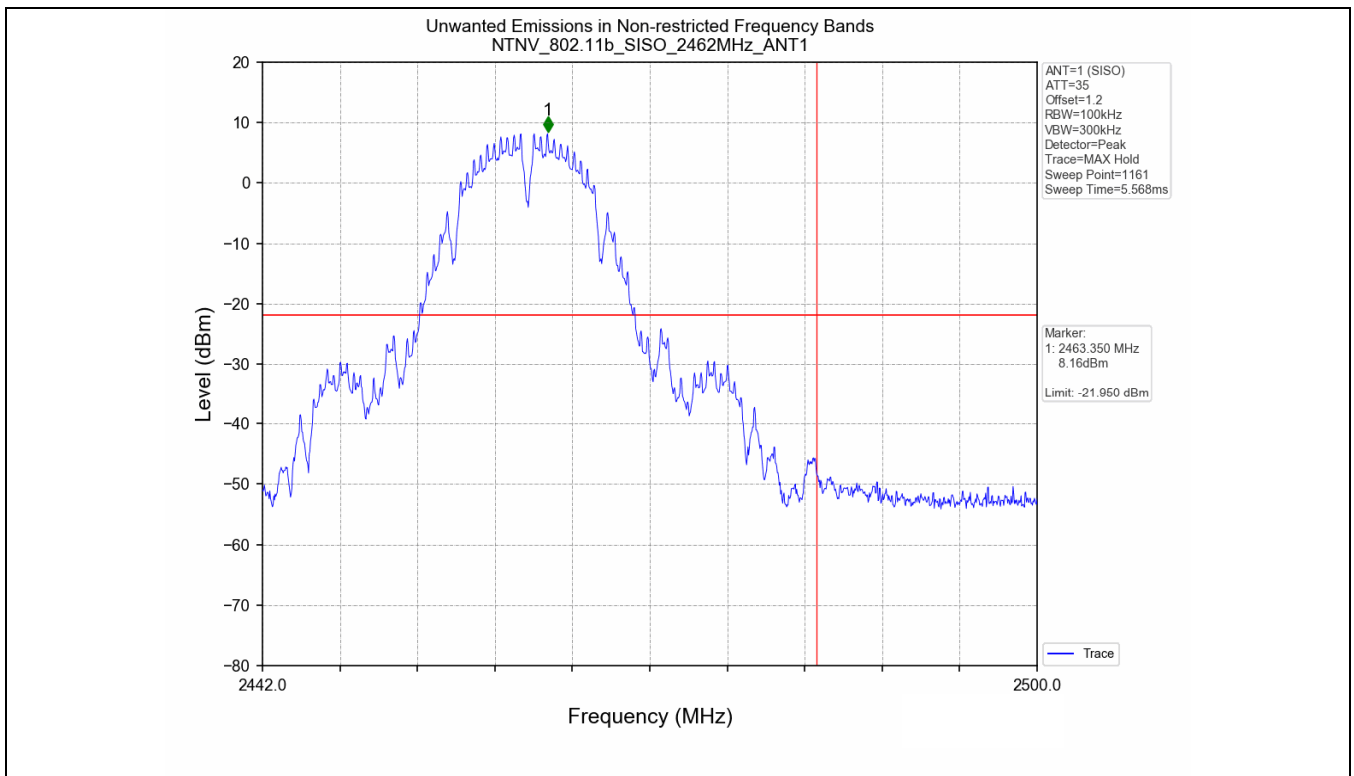


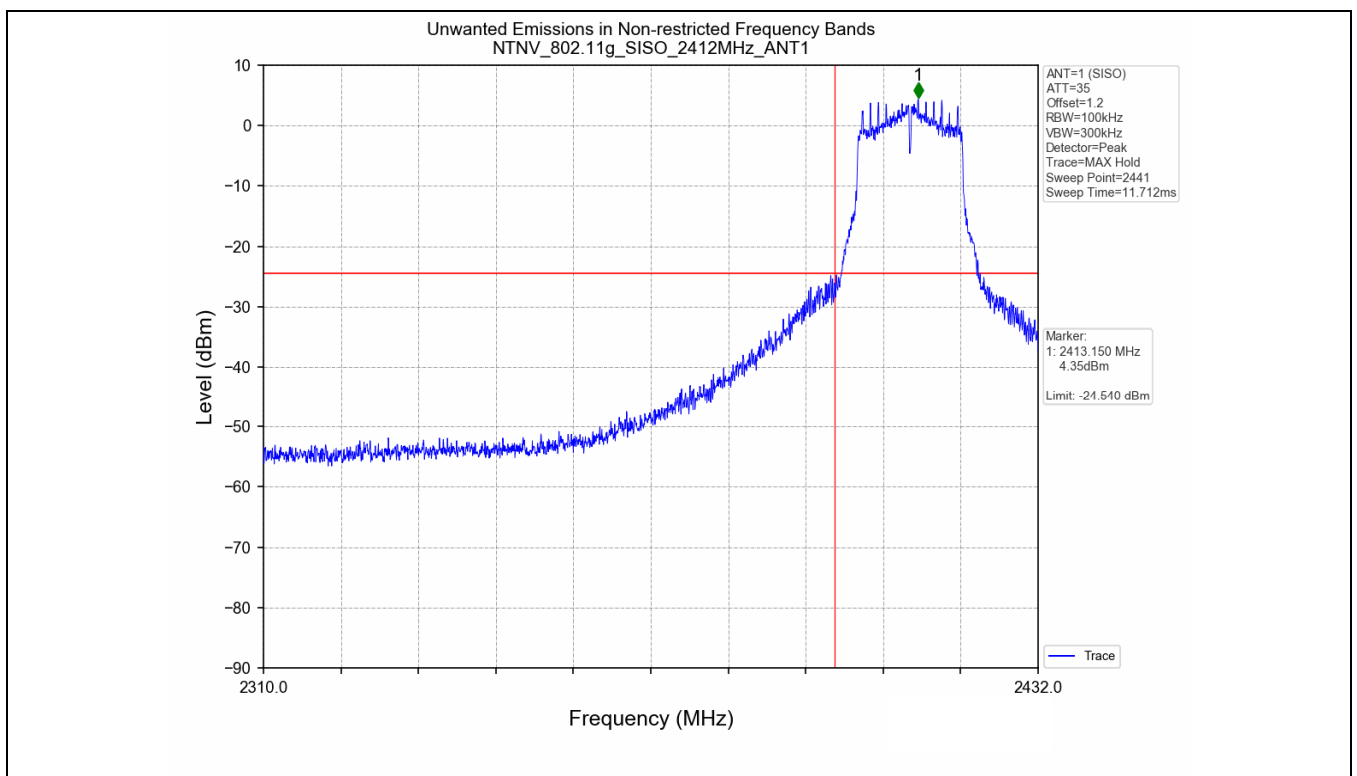
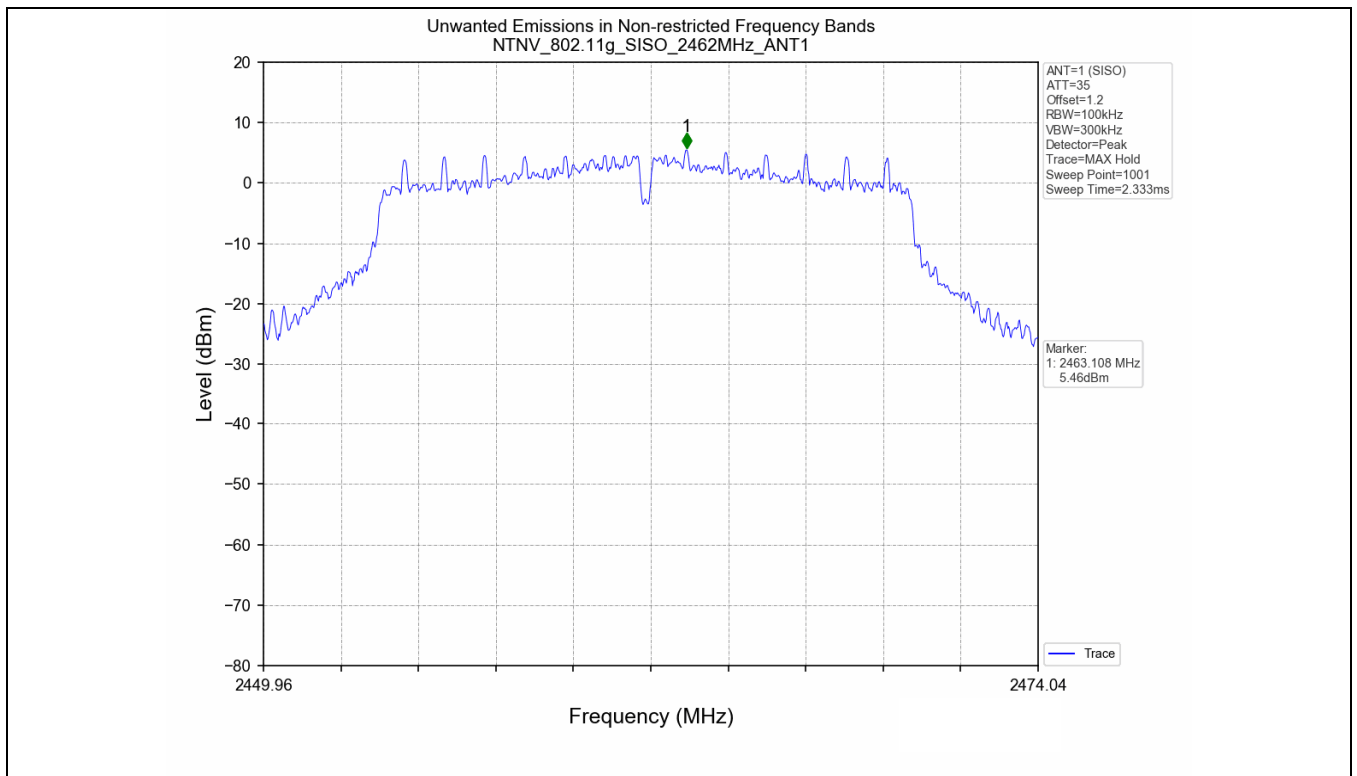
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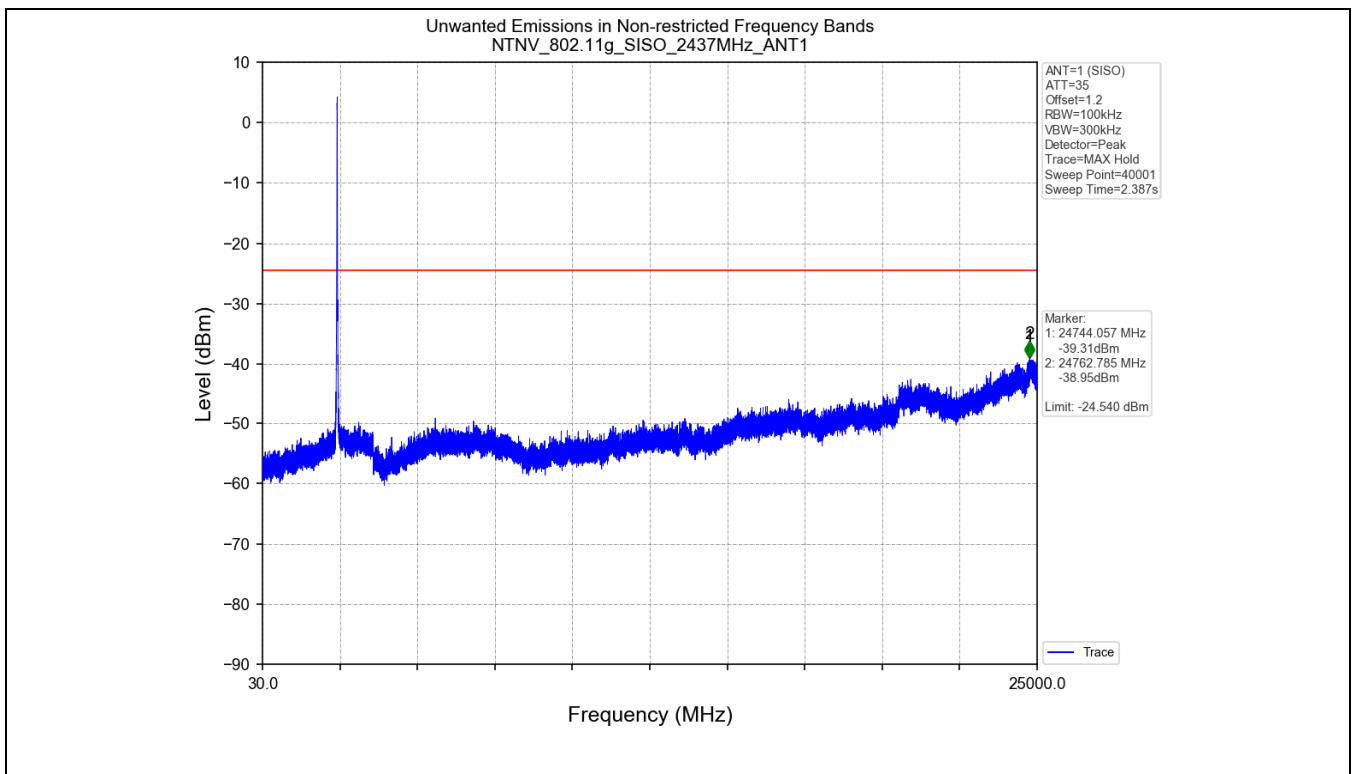
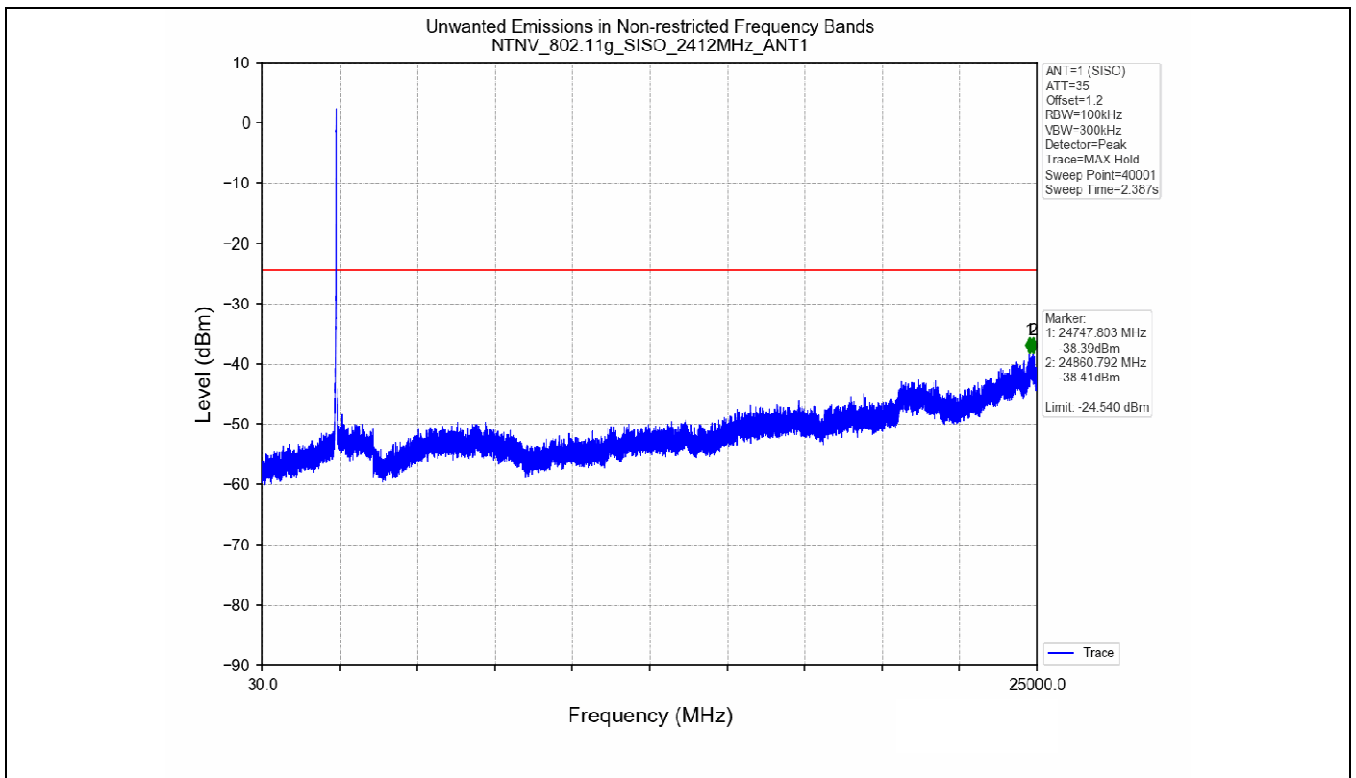
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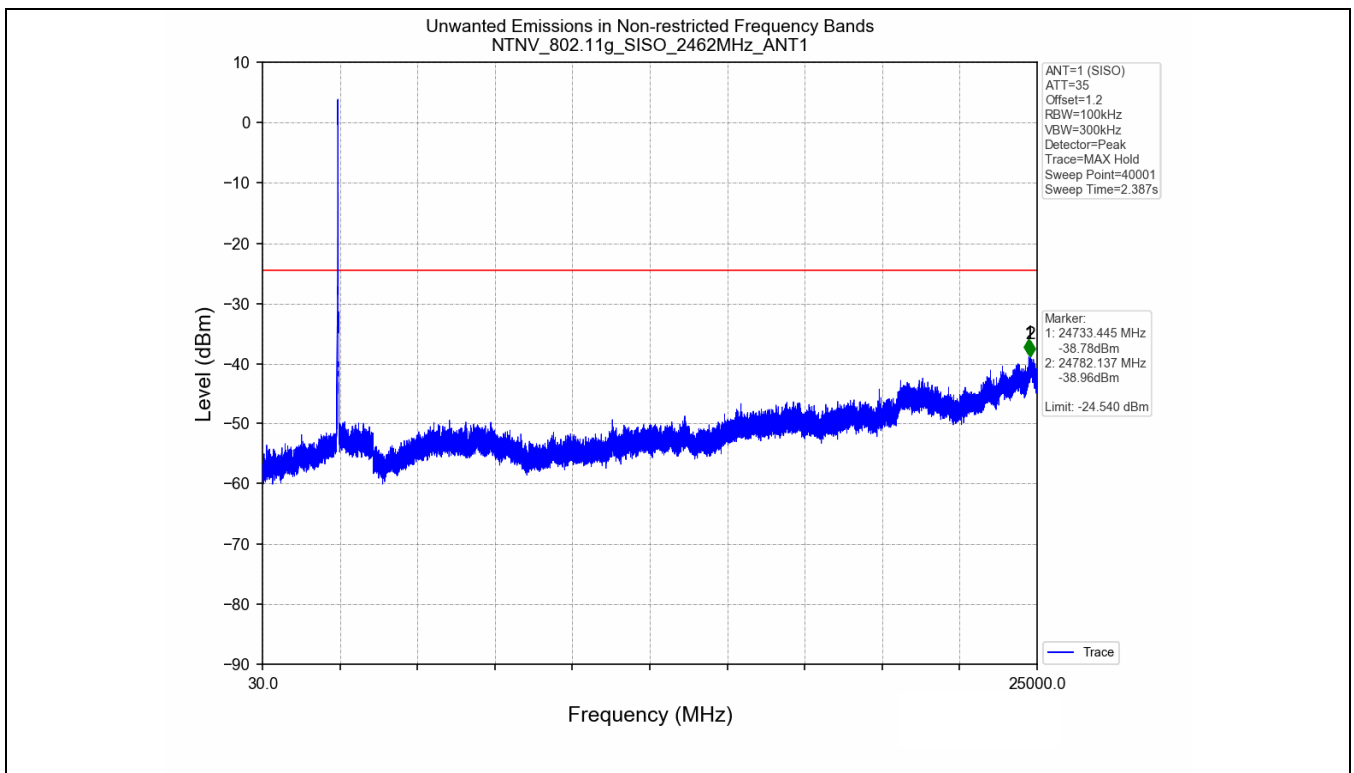
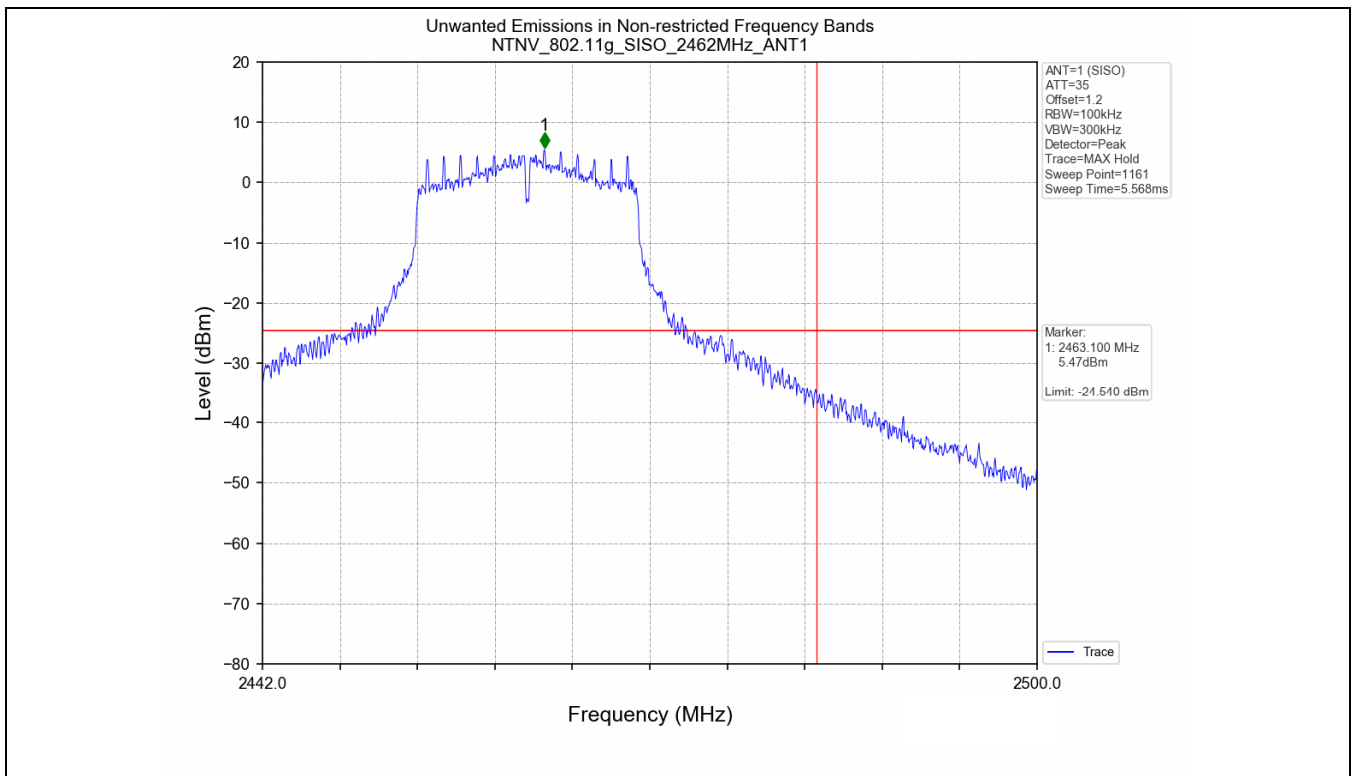


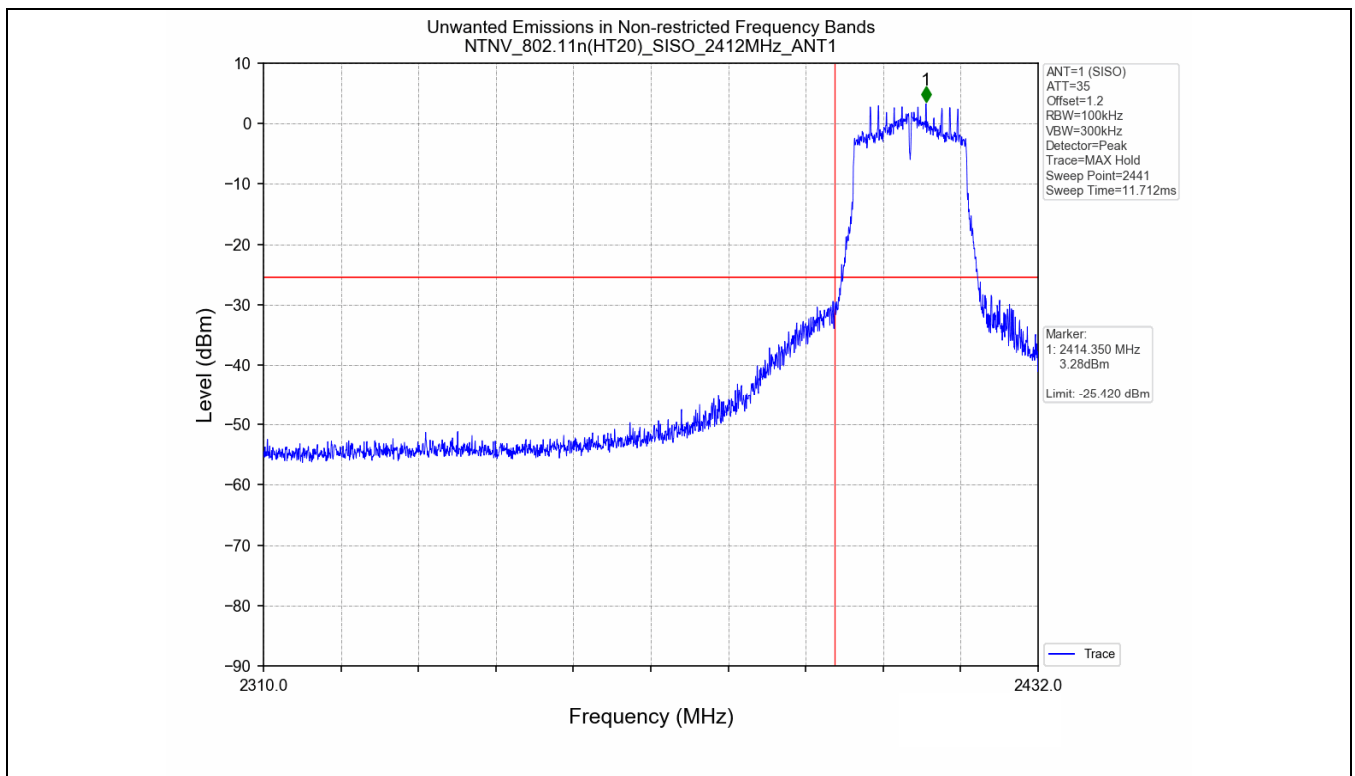
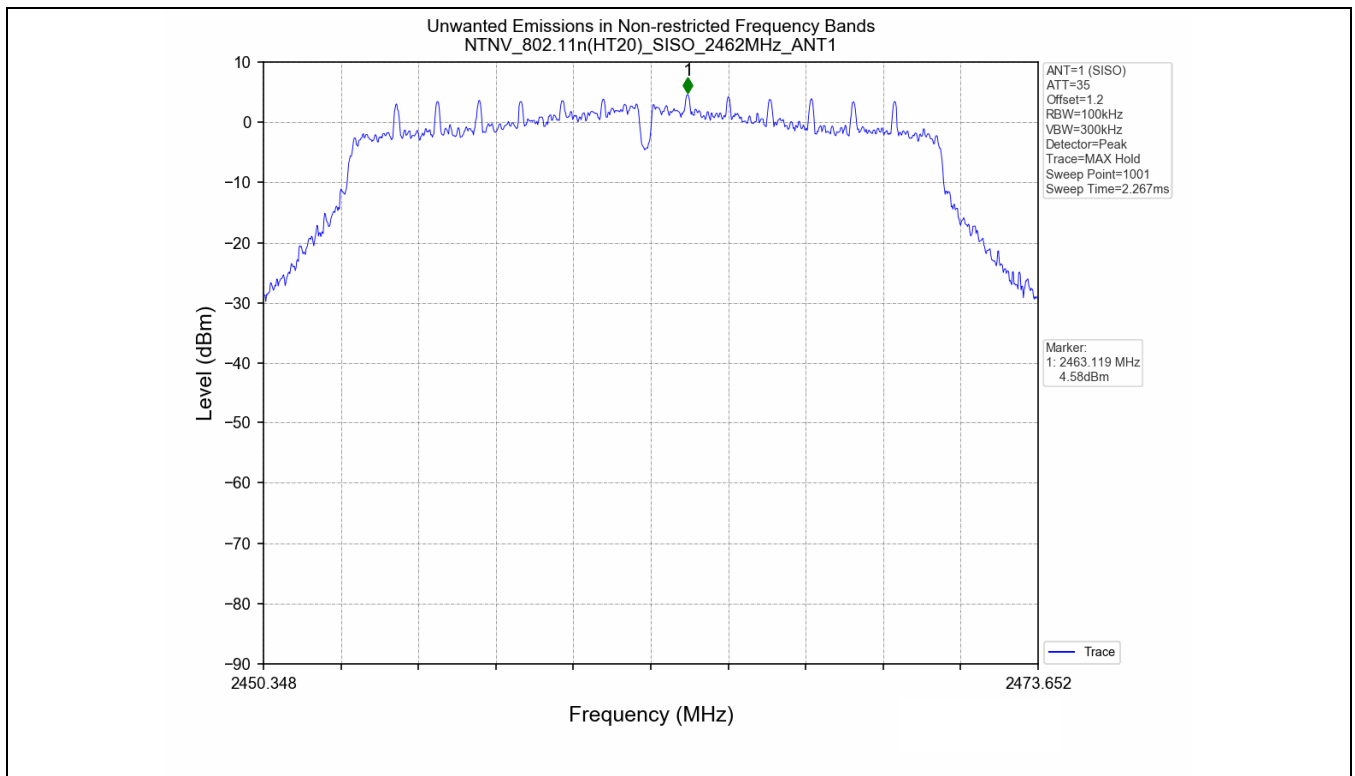


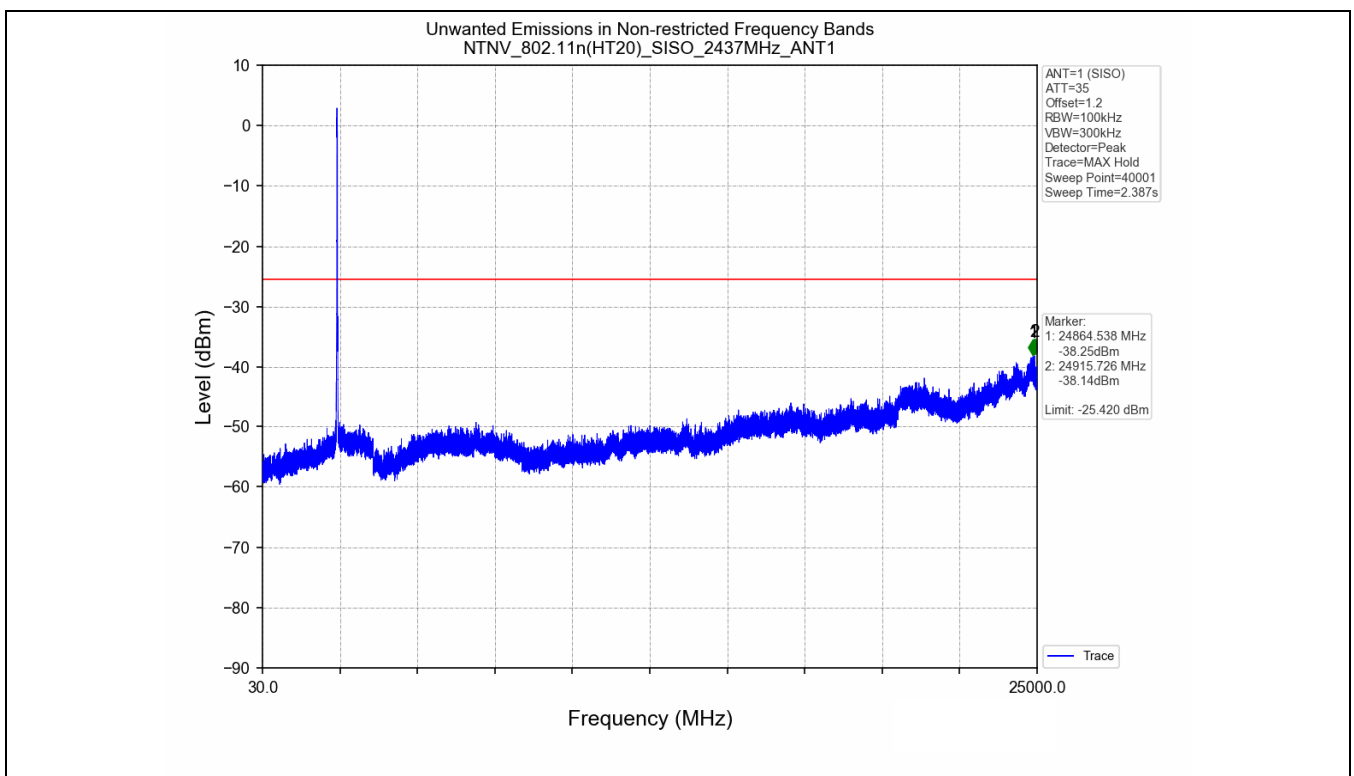
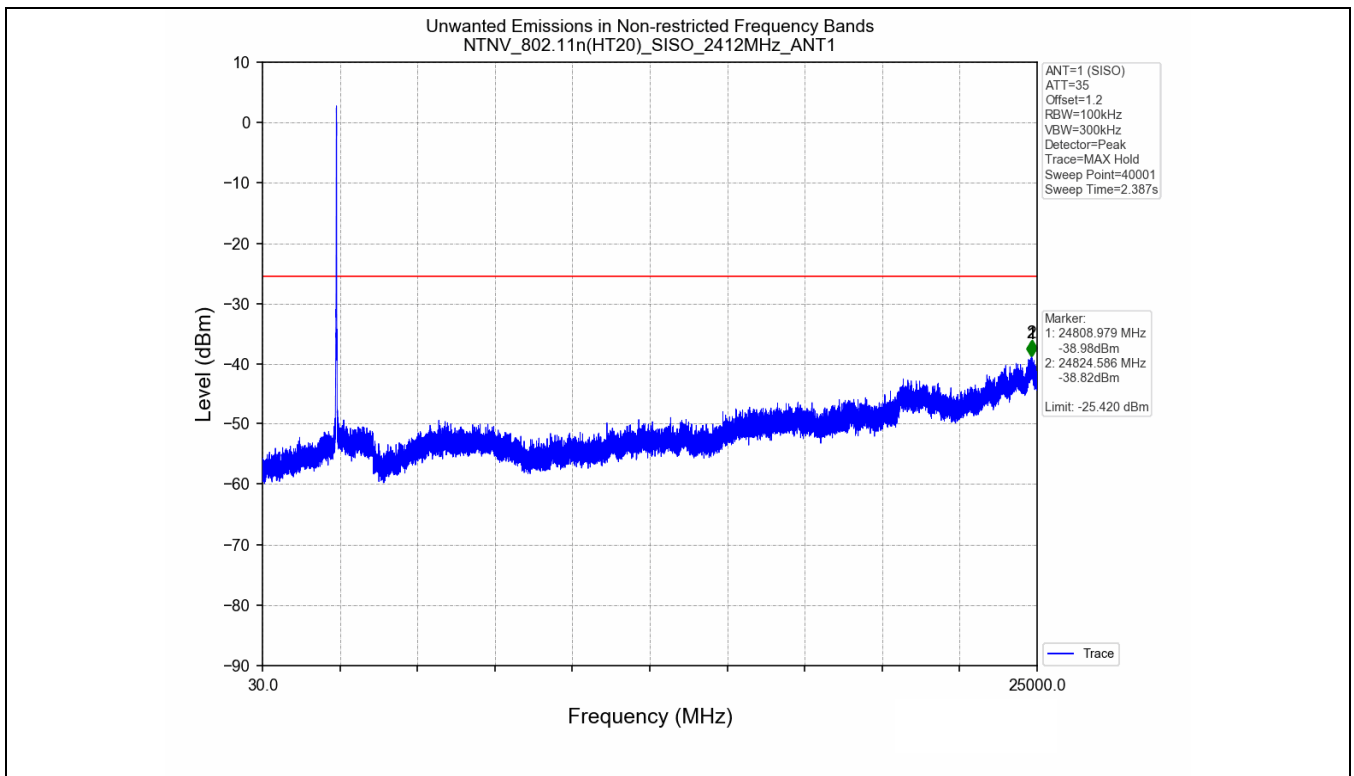


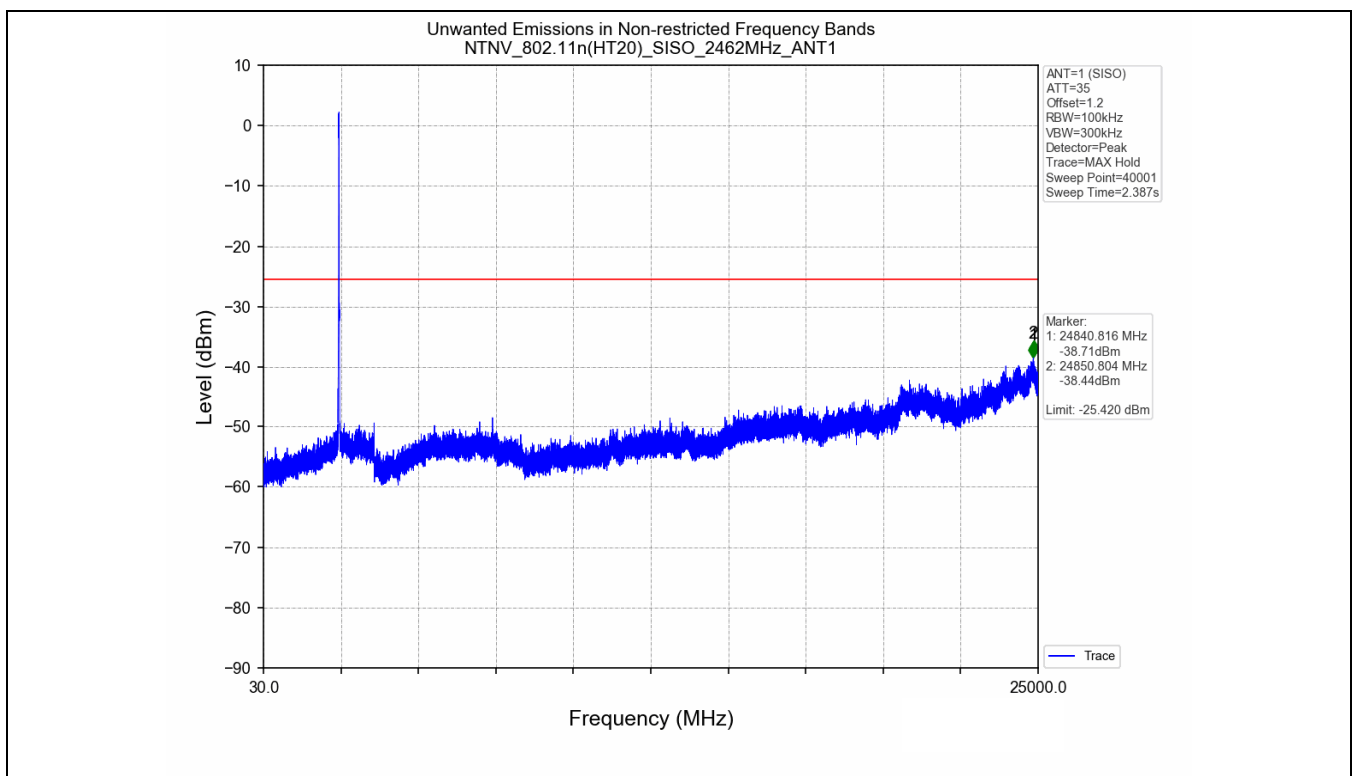
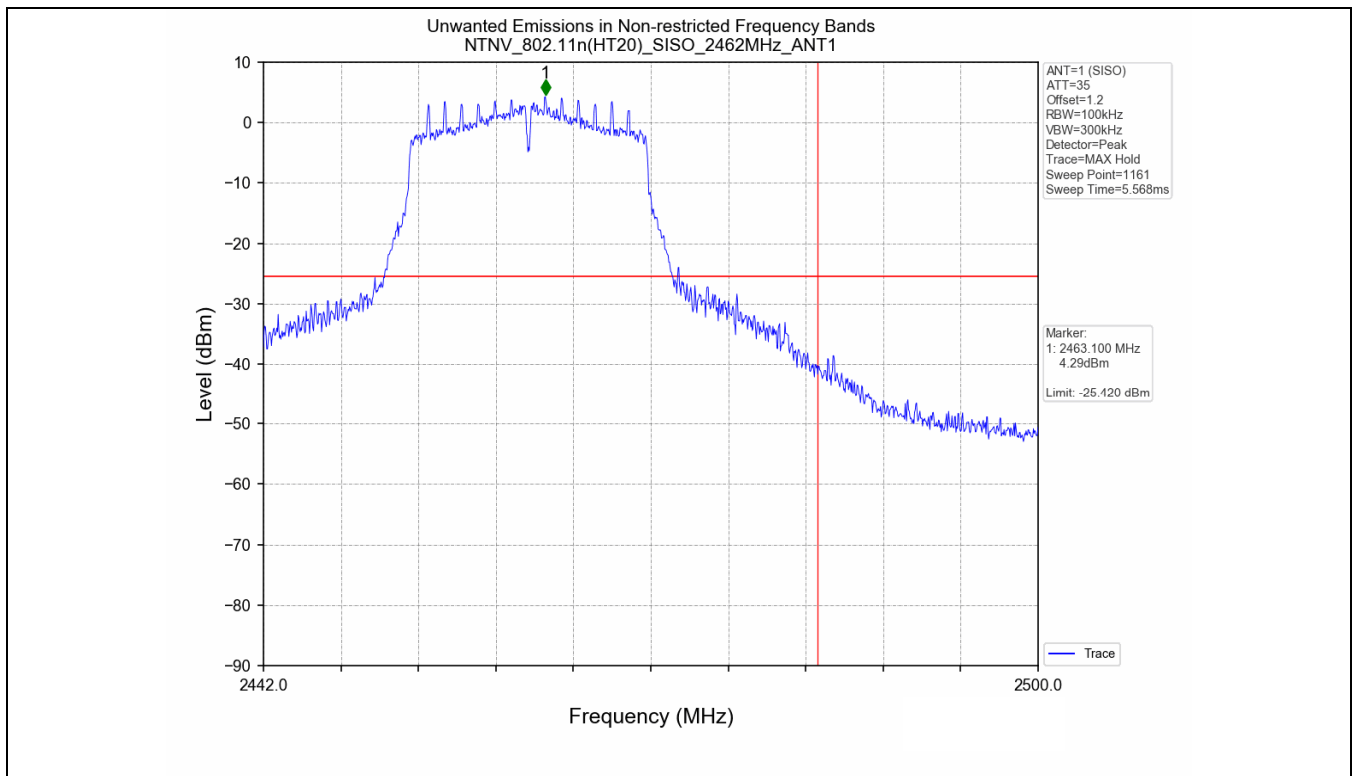












- End of the Report -