



Compliance Certification Services
(Kunshan) Inc.

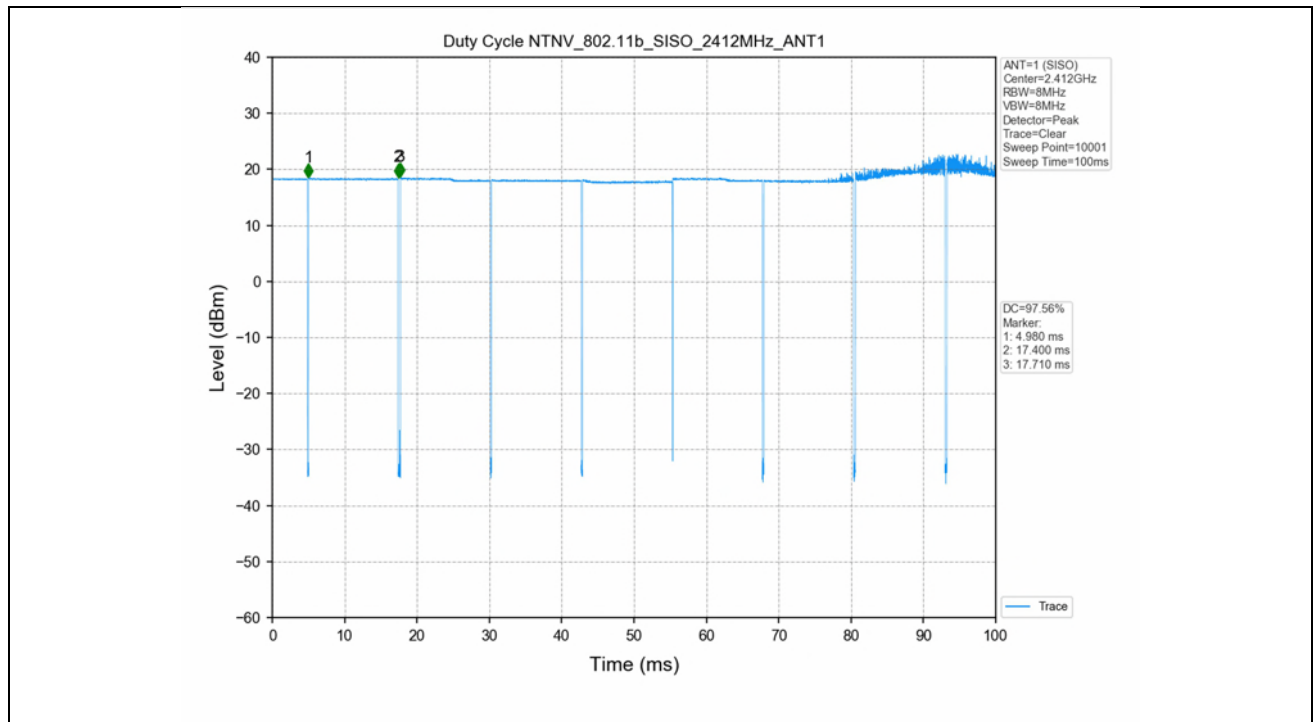
Appendix A for KSEM200500047701

1. Duty Cycle

1.1 Test Result

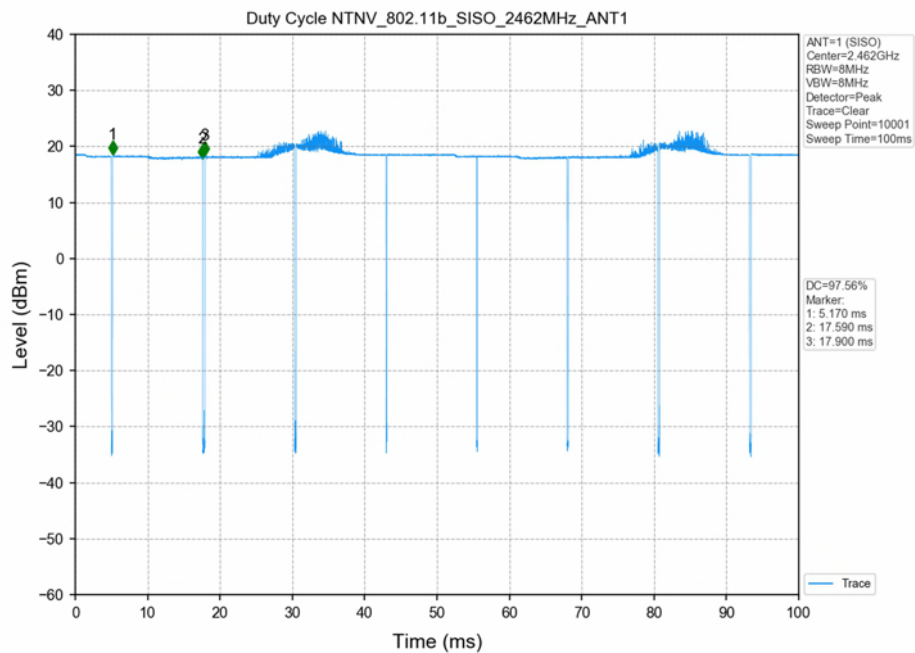
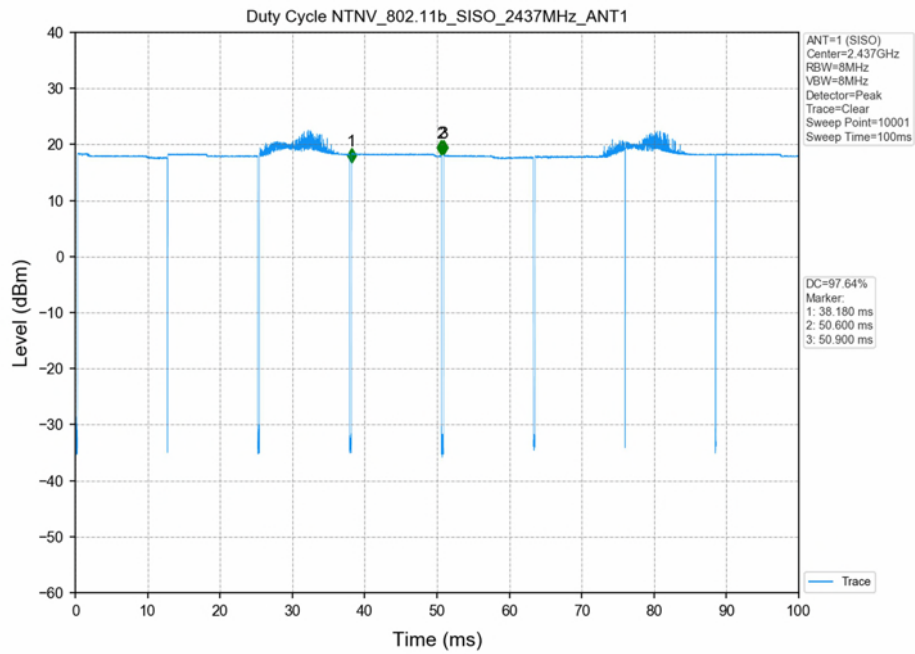
Test Mode	Channel Frequency(M Hz)	TX Type	ANT No.	T_on (ms)	Period (ms)	Duty Cycle (%)	Duty Cycle Correction Factor (dB)
802.11b	2412	SISO	1	12.420	12.730	97.56	0.11
	2437	SISO	1	12.420	12.720	97.64	0.10
	2462	SISO	1	12.420	12.730	97.56	0.11
802.11g	2412	SISO	1	2.038	2.349	86.76	0.62
	2437	SISO	1	2.064	2.400	86.00	0.66
	2462	SISO	1	2.064	2.359	87.49	0.58
802.11n(HT20)	2412	SISO	1	1.919	2.255	85.10	0.70
	2437	SISO	1	1.893	2.185	86.64	0.62
	2462	SISO	1	1.920	2.234	85.94	0.66

1.2 Test Graph



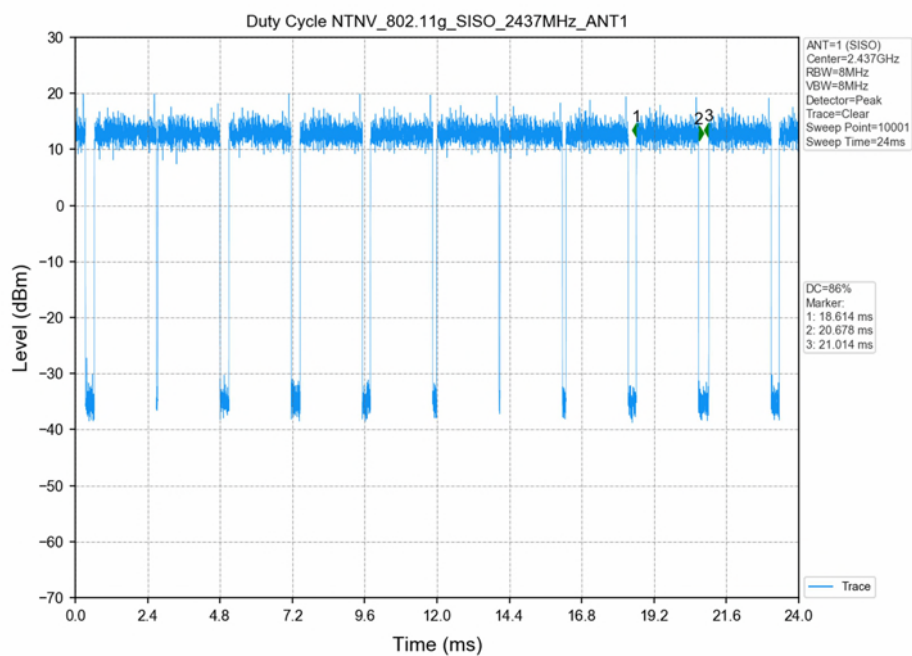
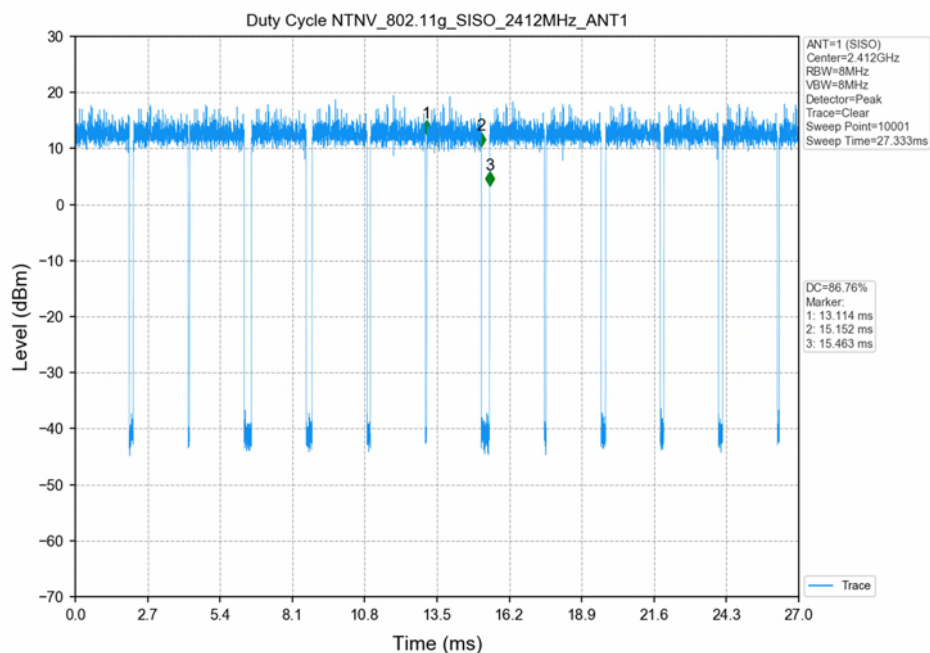


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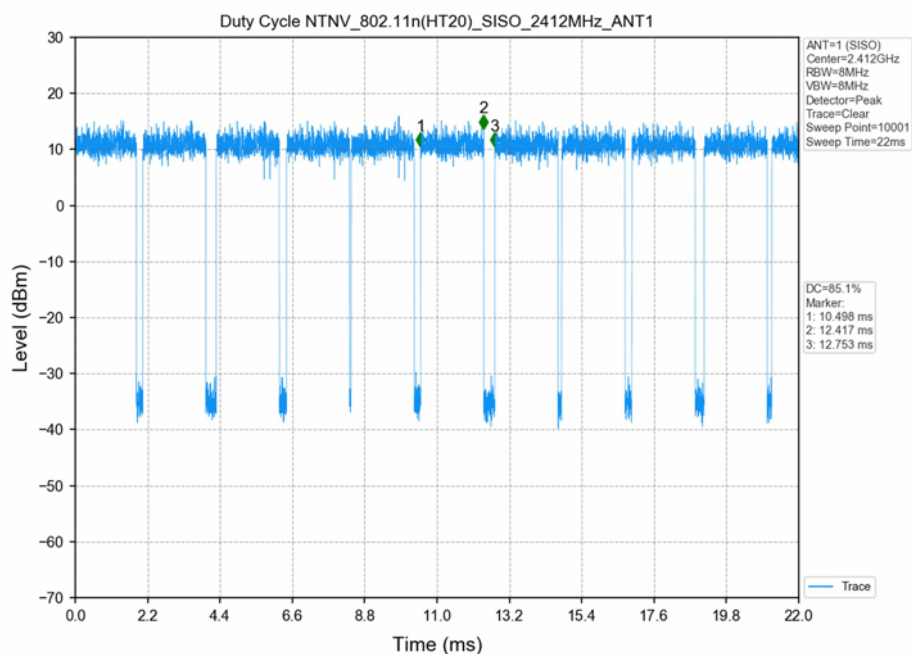
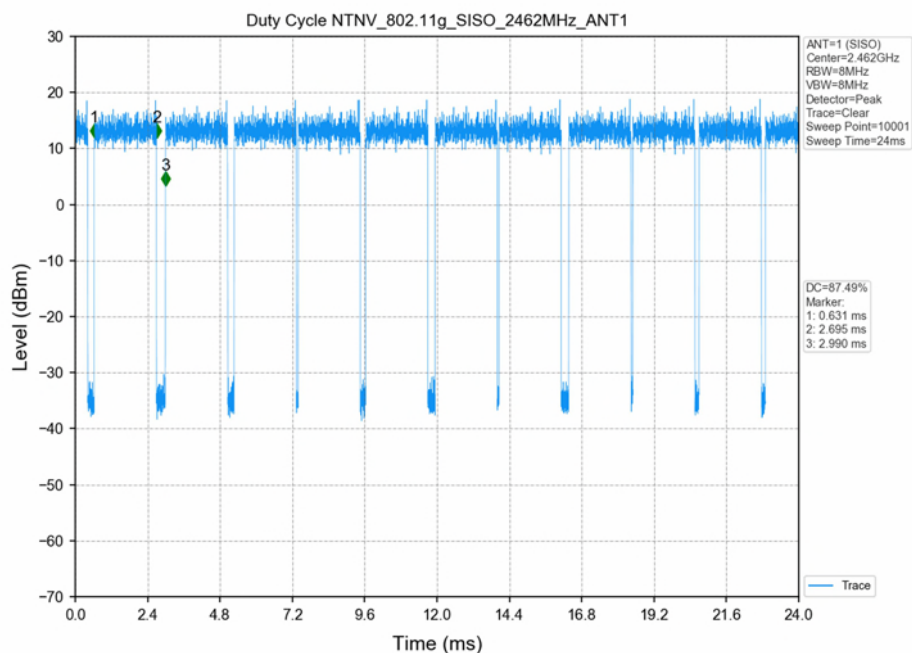


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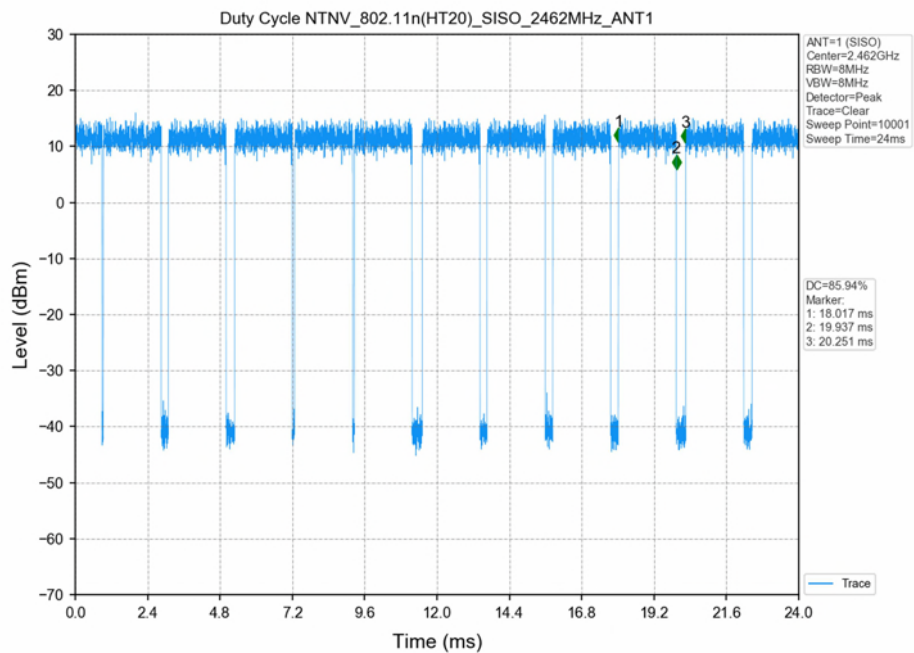
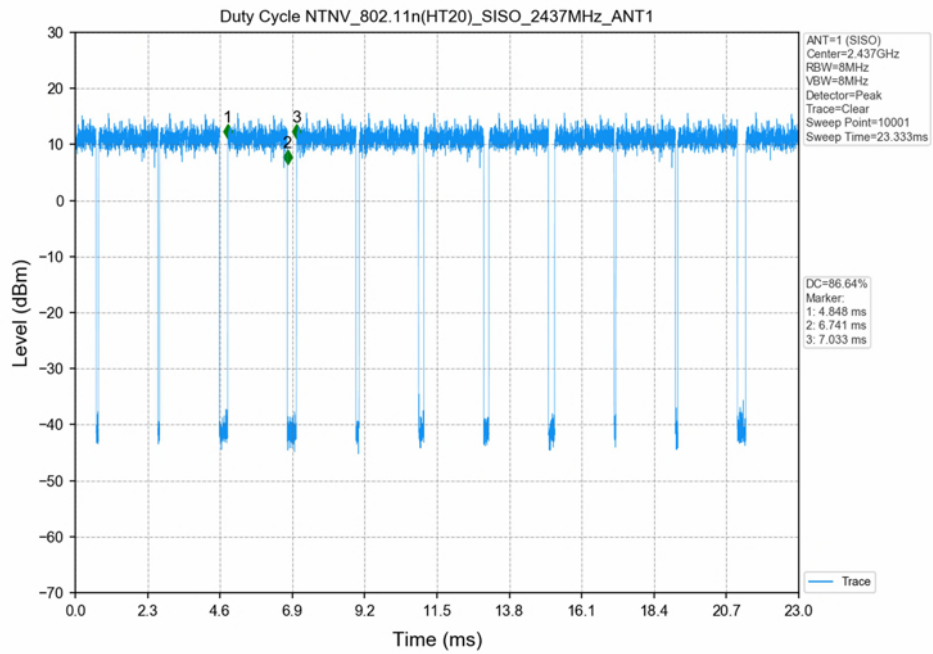


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2. Bandwidth

2.1 Test Result

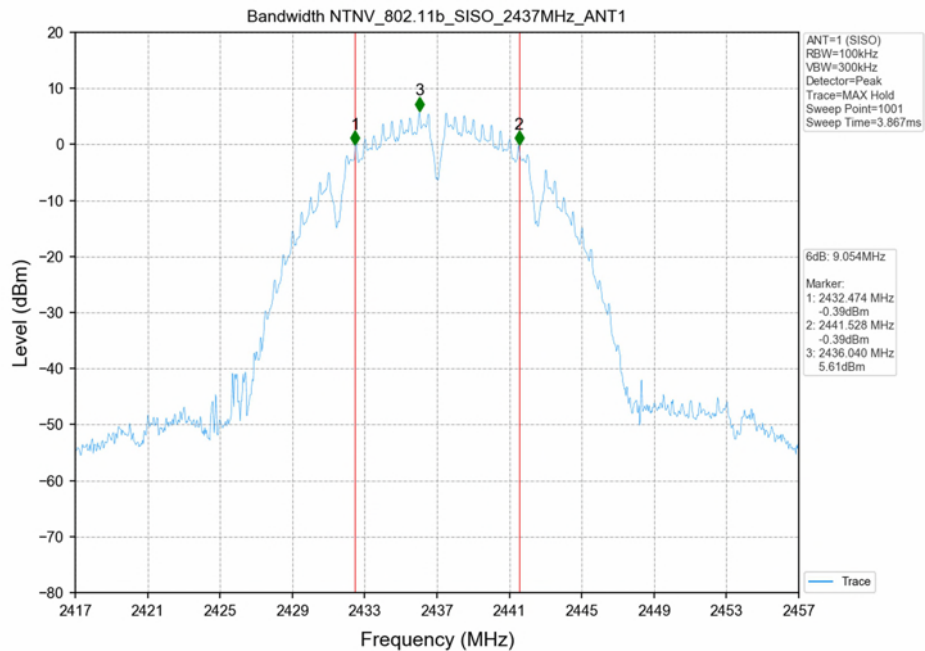
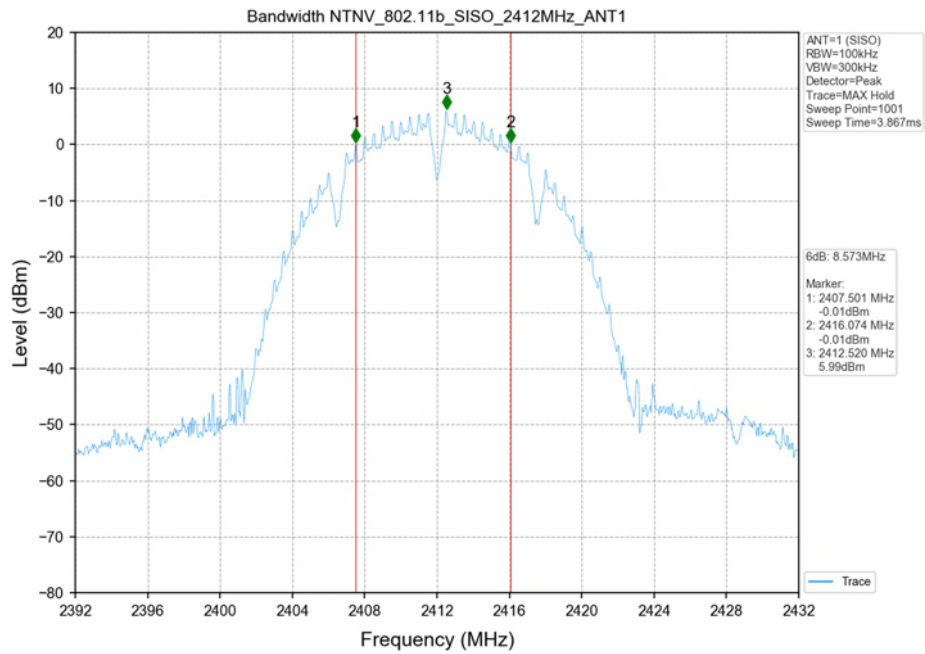
Test Mode	Frequency (MHz)	TX Type	ANT No.	6dB Bandwidth					Verdict
				Test Result (MHz)	Limits (MHz)	1.5*BW (MHz)	Span using in PSD (MHz)	Span using in Power(MHz)	
802.11b	2412	SISO	1	8.573	≥0.5	12.860	12.860	21	PASS
	2437	SISO	1	9.054	≥0.5	13.581	13.580	21	PASS
	2462	SISO	1	8.606	≥0.5	12.909	12.908	21	PASS
802.11g	2412	SISO	1	16.387	≥0.5	24.581	24.580	26	PASS
	2437	SISO	1	16.424	≥0.5	24.636	24.636	26	PASS
	2462	SISO	1	16.397	≥0.5	24.596	24.596	26	PASS
802.11n(HT20)	2412	SISO	1	17.597	≥0.5	26.396	26.396	27	PASS
	2437	SISO	1	17.603	≥0.5	26.405	26.405	27	PASS
	2462	SISO	1	17.581	≥0.5	26.372	26.372	27	PASS

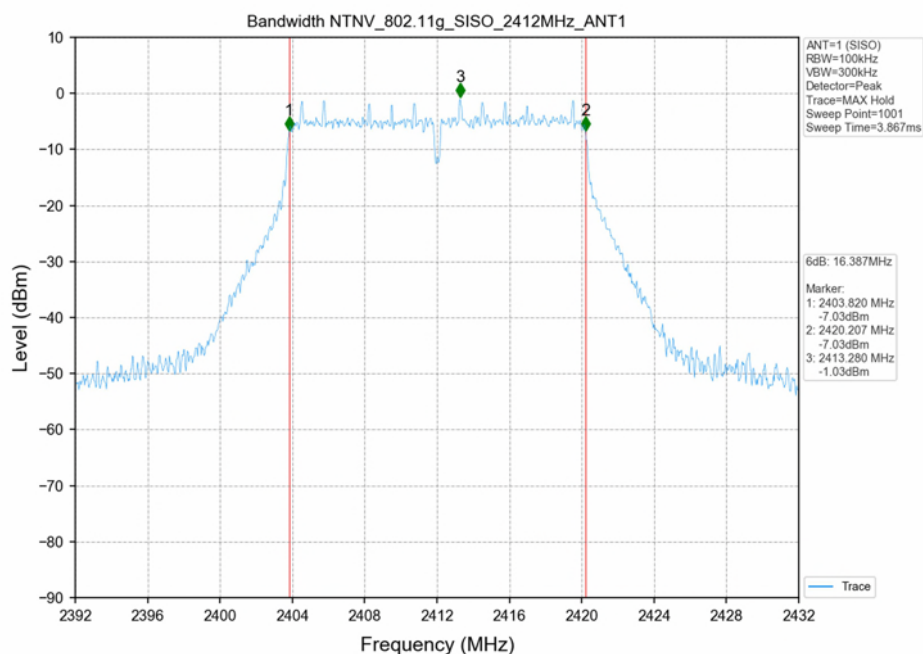
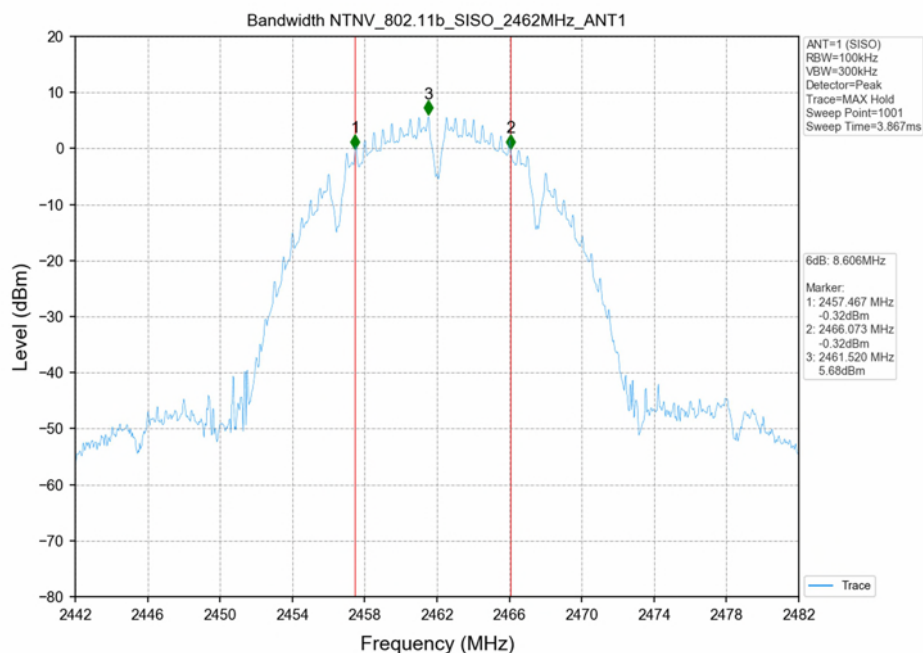
Test Mode	Frequency (MHz)	TX Type	ANT No.	99% Occupied Bandwidth	
				Test Result (MHz)	
802.11b	2412	SISO	1	13.461	Only for Report Use
	2437	SISO	1	13.454	Only for Report Use
	2462	SISO	1	13.412	Only for Report Use
802.11g	2412	SISO	1	16.858	Only for Report Use
	2437	SISO	1	16.933	Only for Report Use
	2462	SISO	1	16.849	Only for Report Use
802.11n(HT20)	2412	SISO	1	17.932	Only for Report Use
	2437	SISO	1	17.874	Only for Report Use
	2462	SISO	1	17.949	Only for Report Use

2.2 Test Graph - 6dB Bandwidth



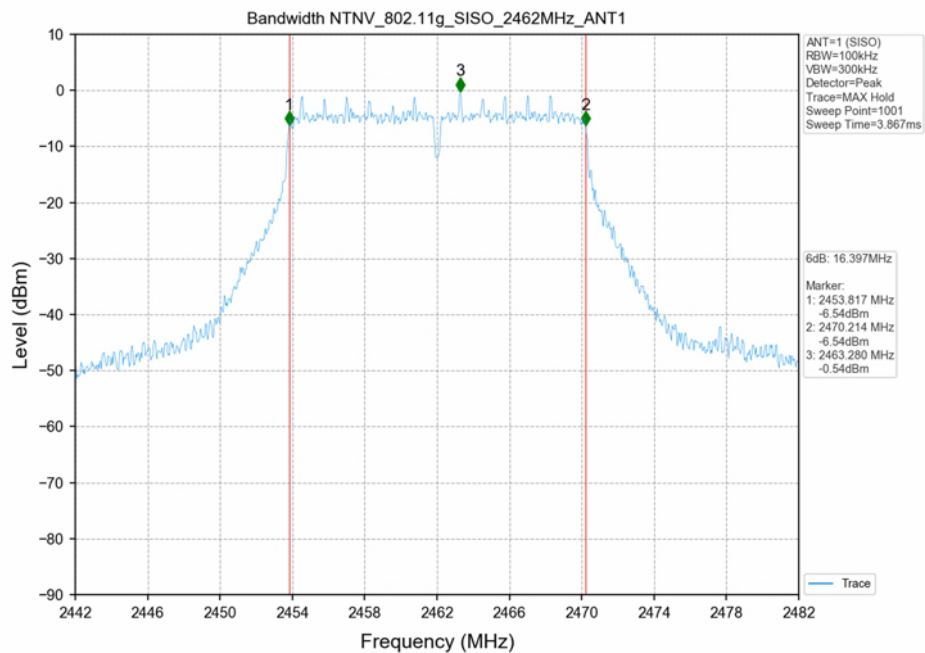
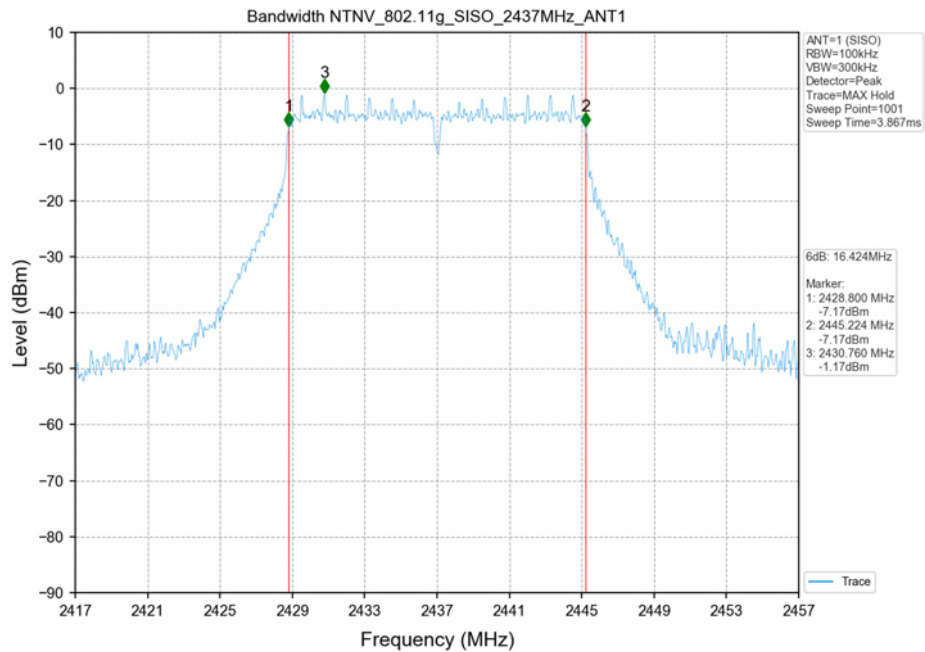
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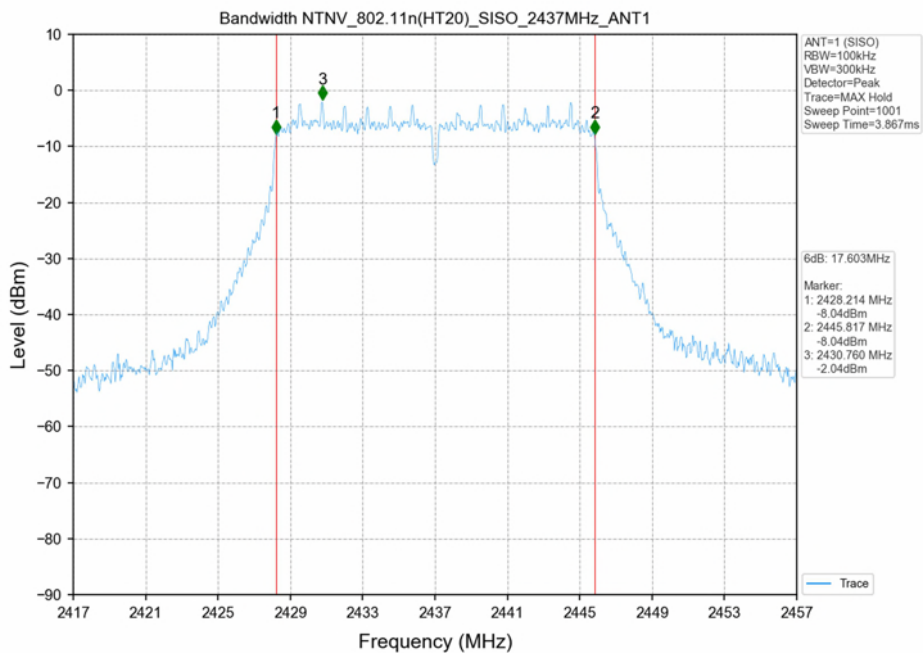
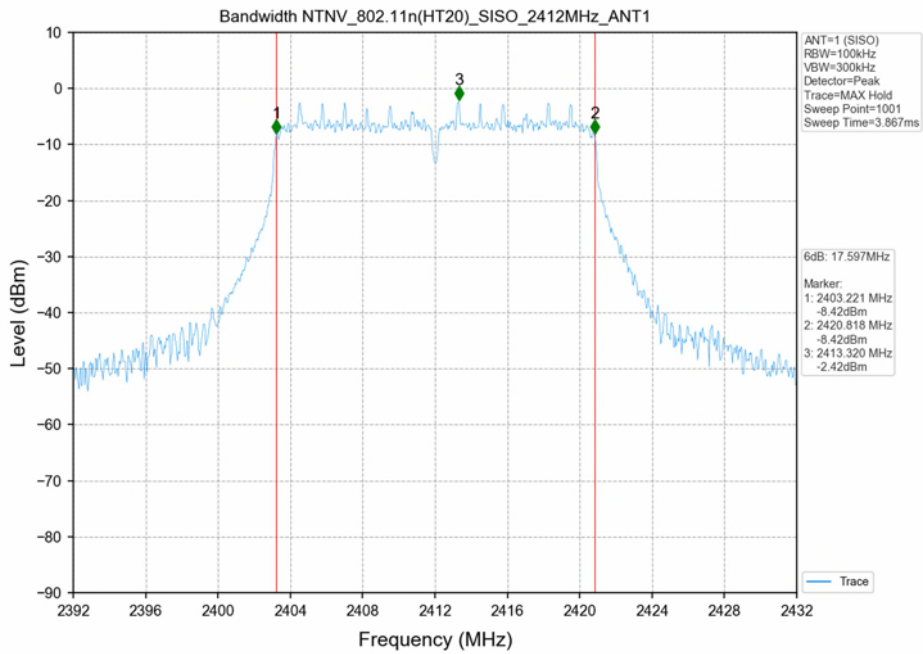


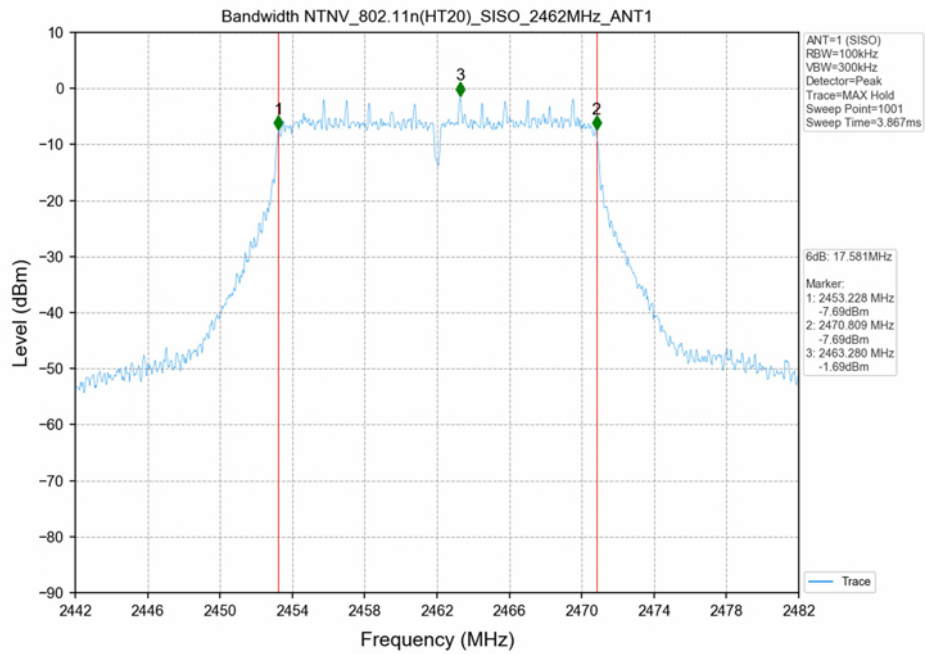
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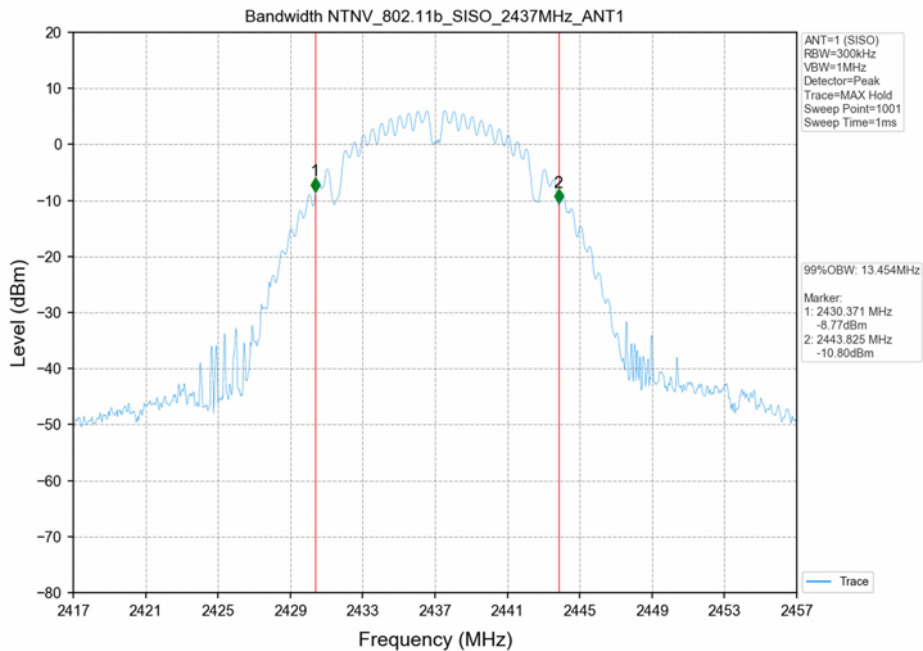
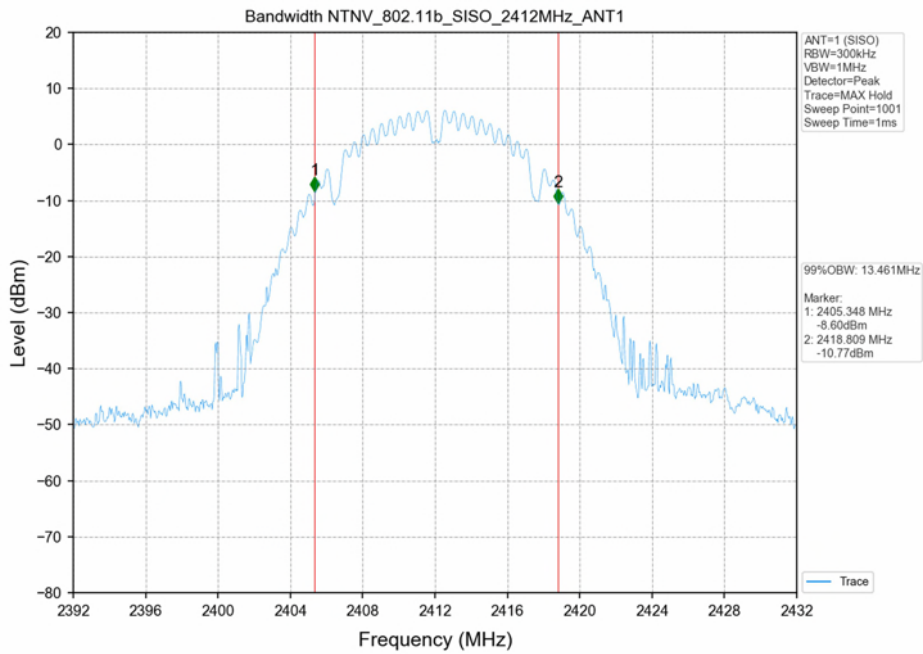




2.3 Test Graph - 99% Occupied Bandwidth

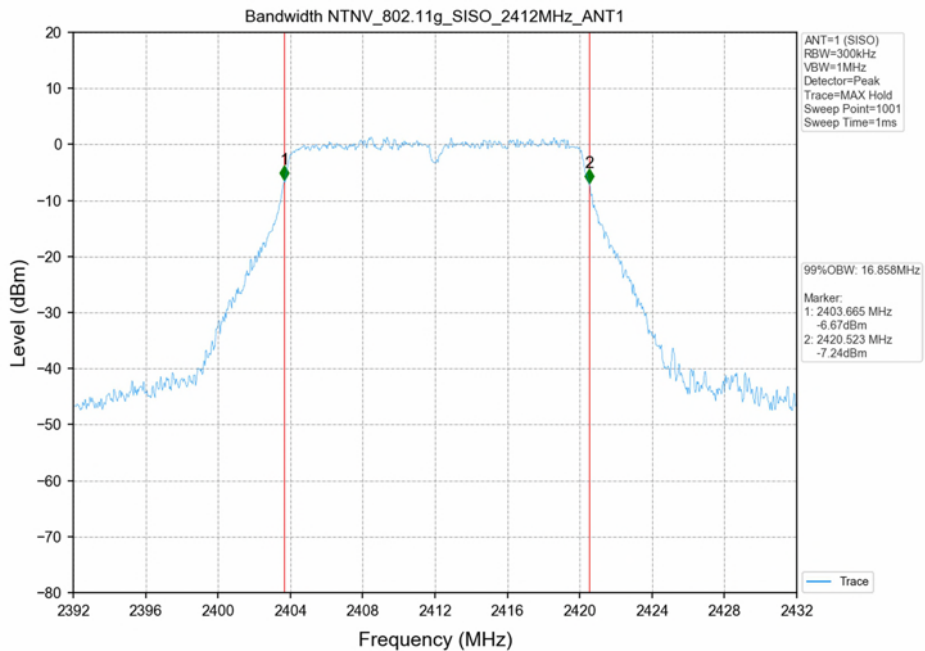
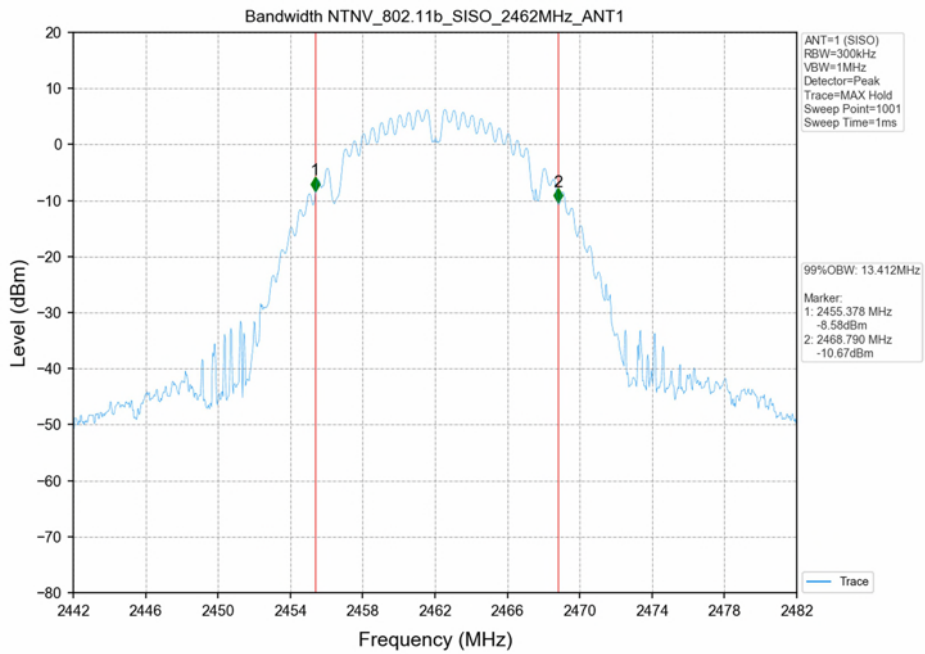


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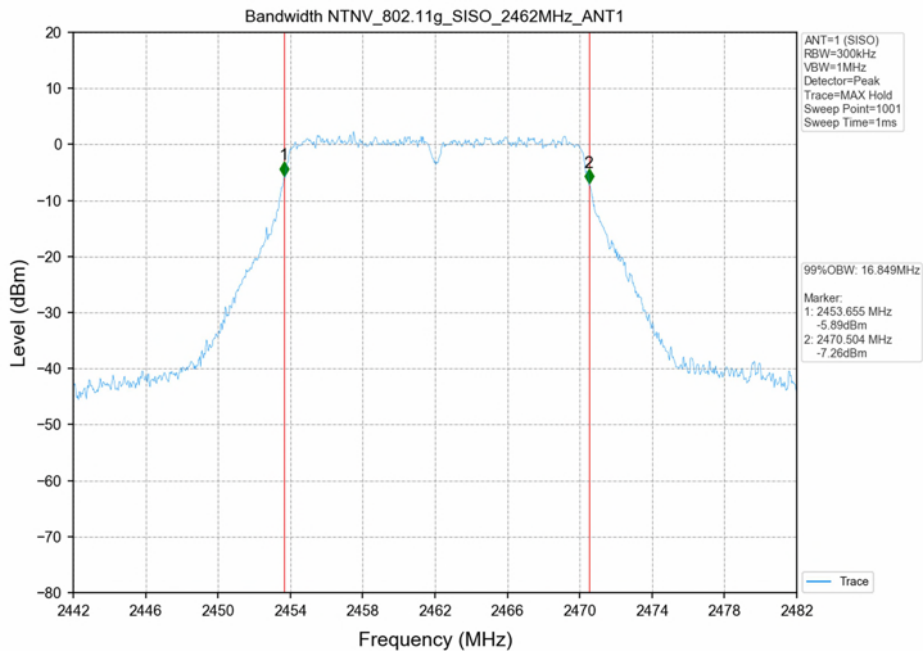
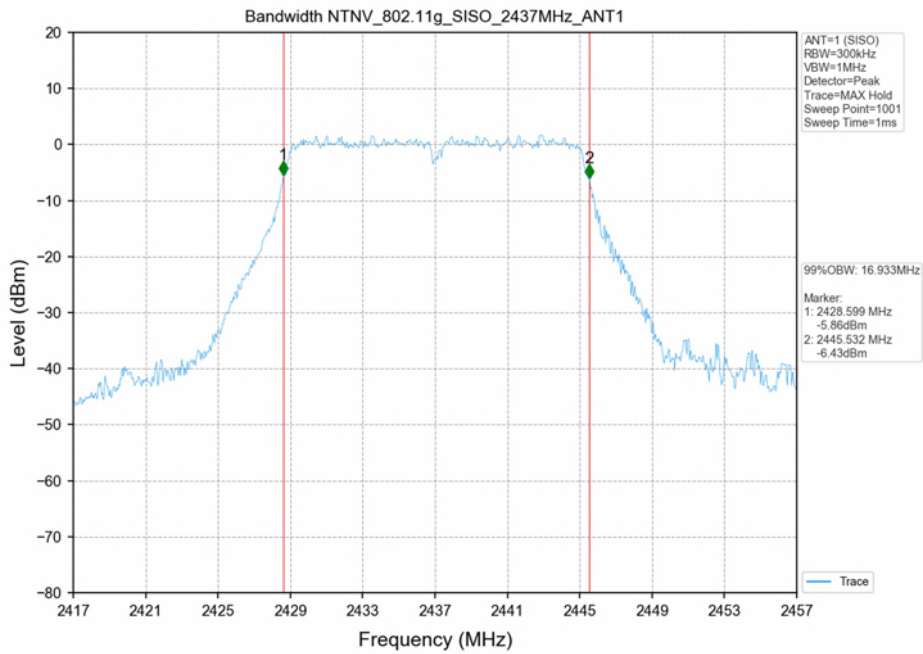


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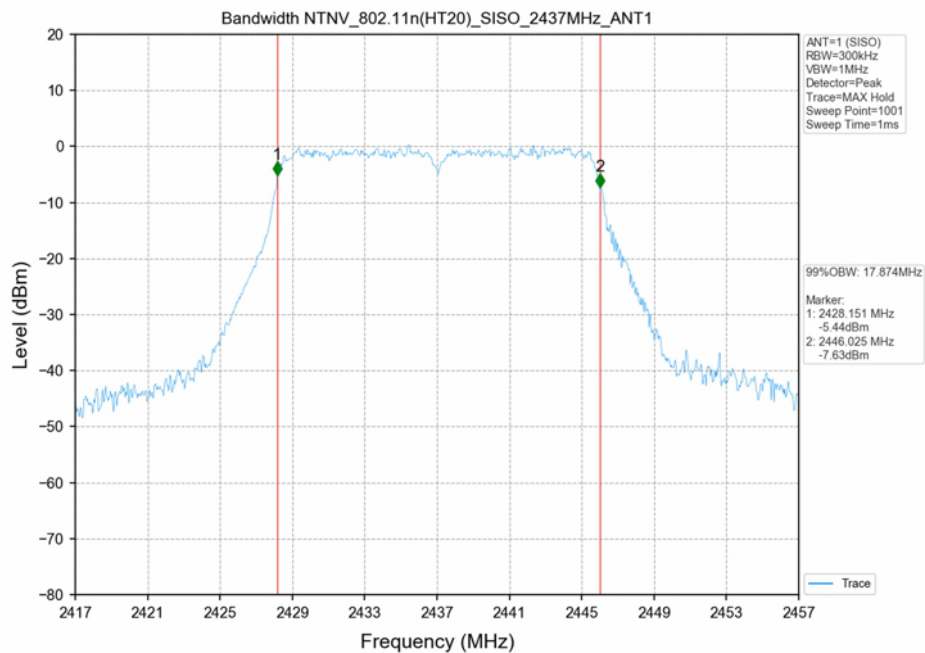
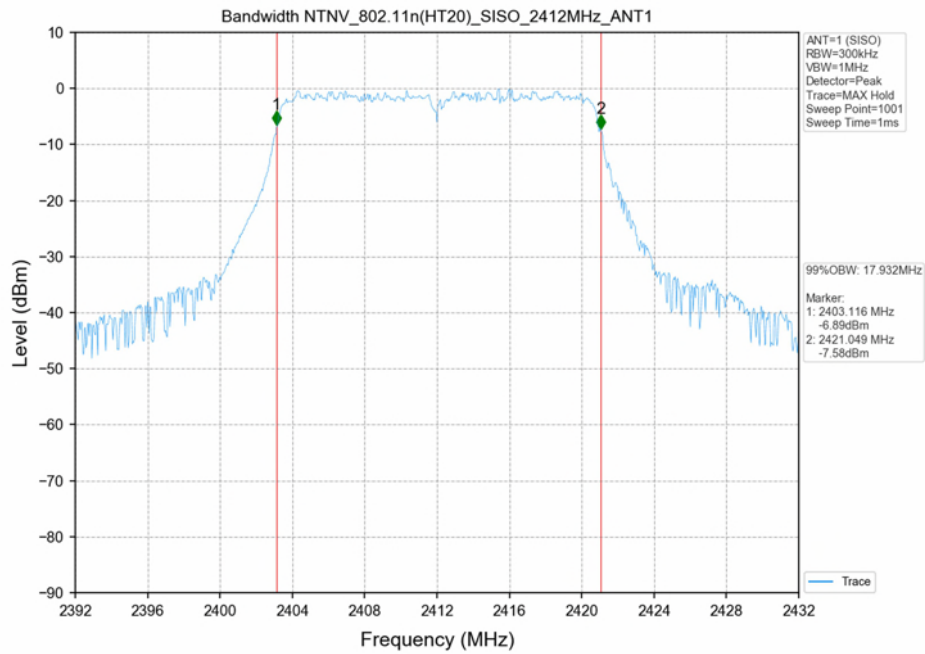


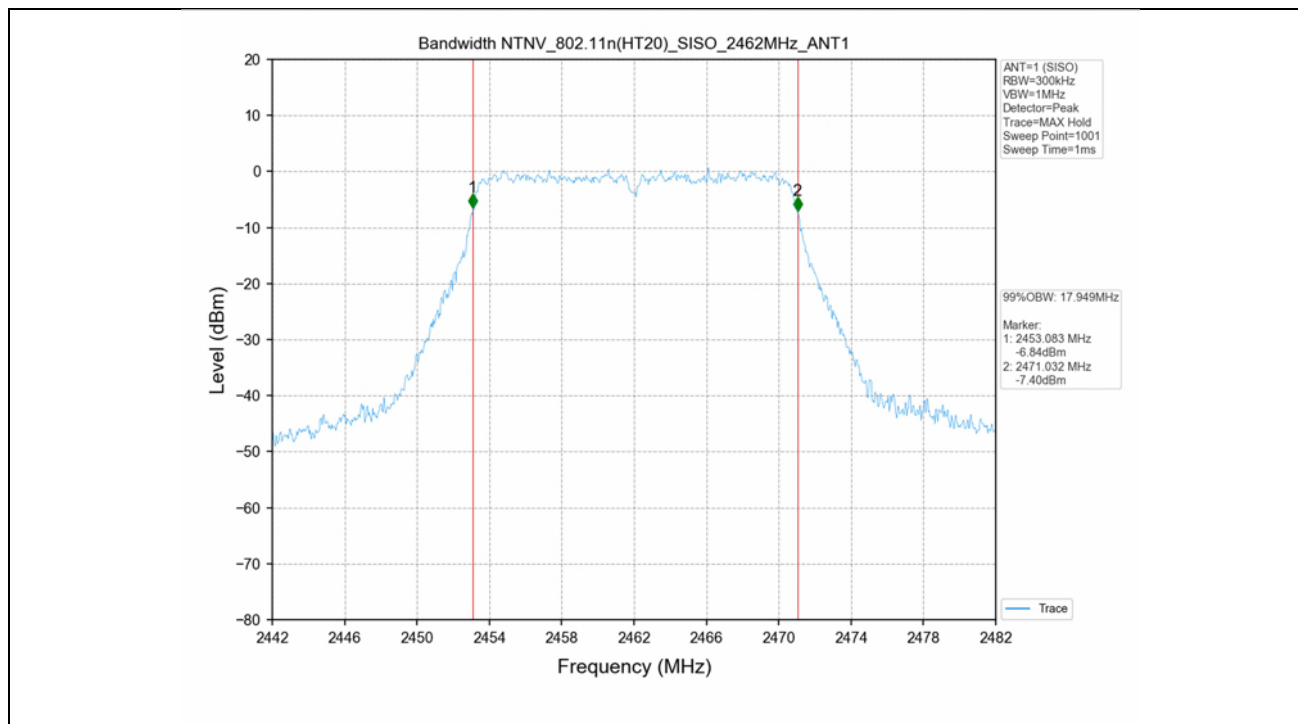
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3. Maximum Conducted Output Power

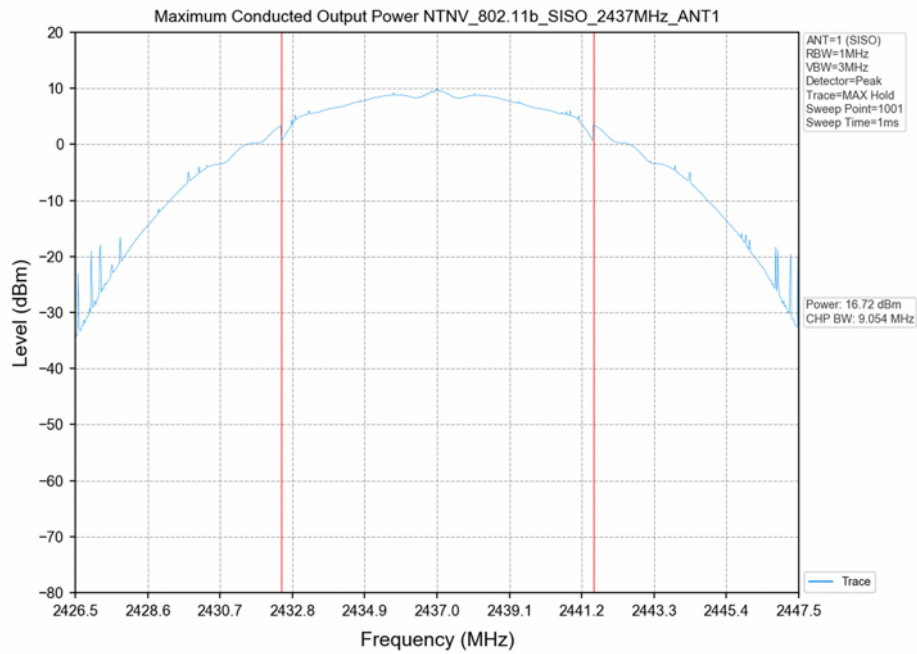
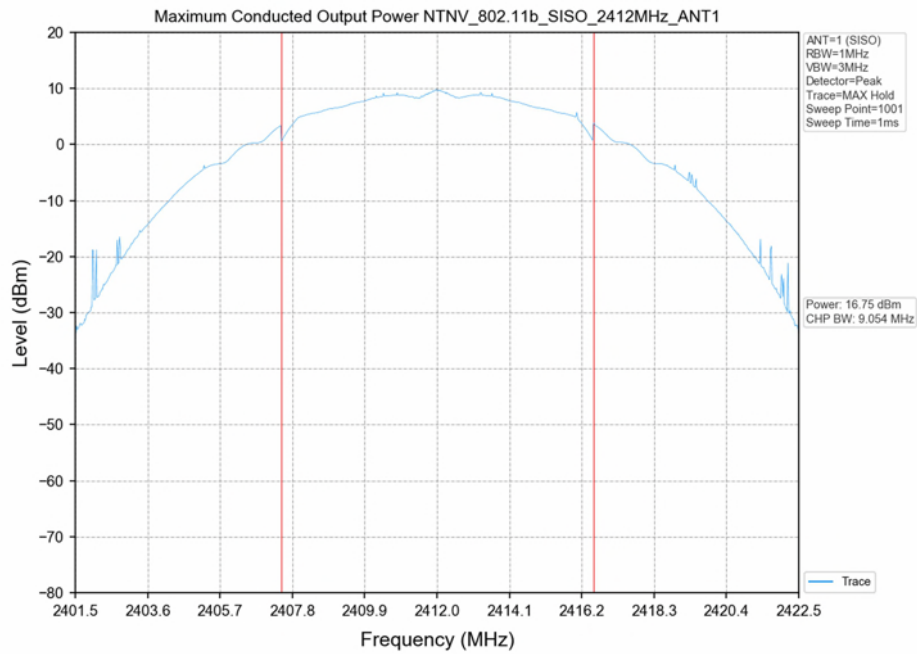
3.1 Test Result

Test Mode	Frequency (MHz)	Tx Type	Measured Peak Output Power (dBm)	Limits (dBm)	Verdict
			Ant 1		
802.11b	2412	SISO	16.75	30	PASS
	2437	SISO	16.72	30	PASS
	2462	SISO	16.94	30	PASS
802.11g	2412	SISO	17.84	30	PASS
	2437	SISO	18.03	30	PASS
	2462	SISO	18.34	30	PASS
802.11n(HT20)	2412	SISO	16.59	30	PASS
	2437	SISO	16.86	30	PASS
	2462	SISO	17.08	30	PASS

3.2 Test Graph



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