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10 Appendix

1. Duty Cycle

1.1 Ant1

1.1.1 Test Result

Ant1								
Mode	TX Type	Frequency (MHz)	T_on (ms)	Period (ms)	Duty Cycle (%)	Duty Cycle Correction Factor (dB)	Max. DC Variation (%)	
		2412	12.416	12.546	98.96	0.05	0.03	
802.11b	SISO	2437	12.417	12.547	98.96	0.05	0.03	
		2462	12.416	12.546	98.96	0.05	0.03	
	SISO	2412	2.064	2.193	94.12	0.26	0.04	
802.11g		2437	2.064	2.193	94.12	0.26	0.04	
		2462	2.064	2.194	94.07	0.27	0.04	
000 44		2412	1.920	2.049	93.70	0.28	0.00	
802.11n (HT20)	SISO	2437	1.921	2.051	93.66	0.28	0.04	
		2462	1.919	2.049	93.66	0.28	0.04	



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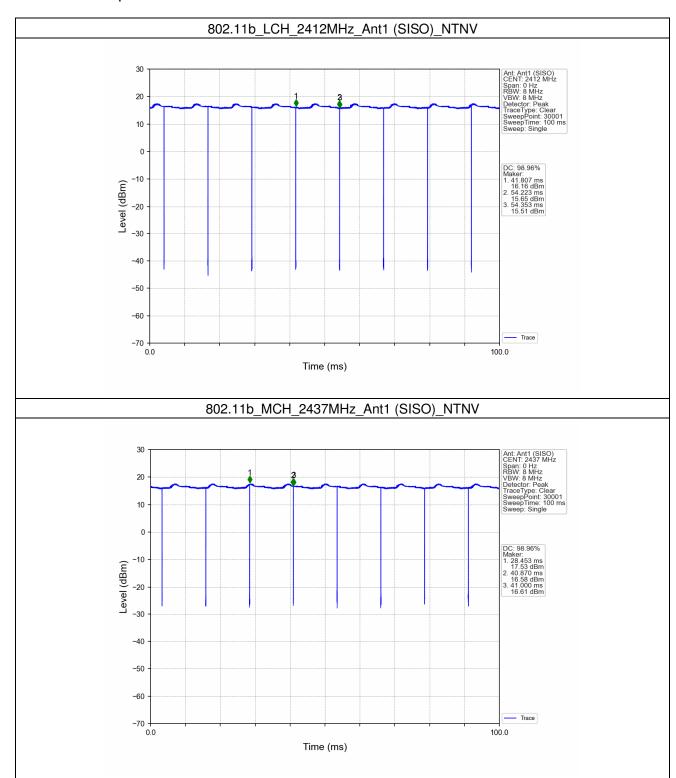
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1.1.2 Test Graph





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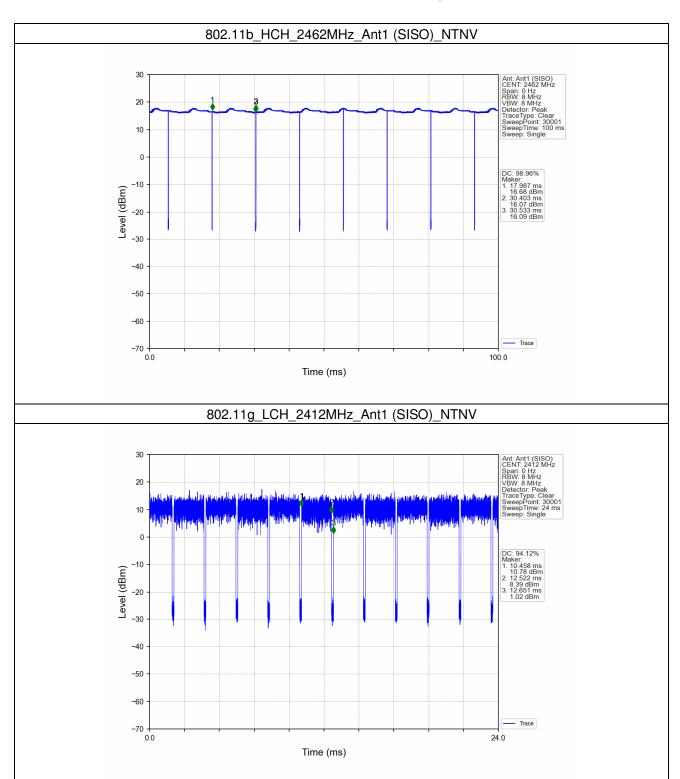
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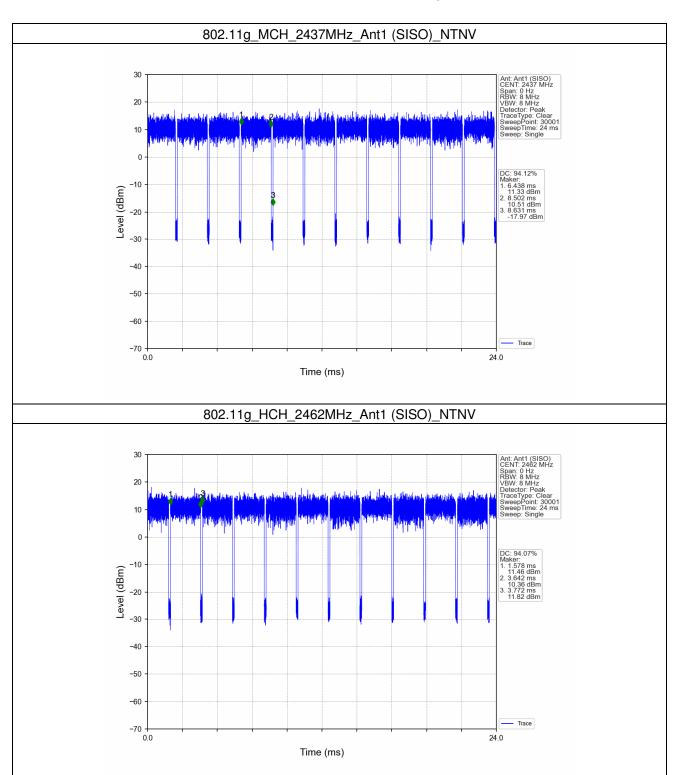
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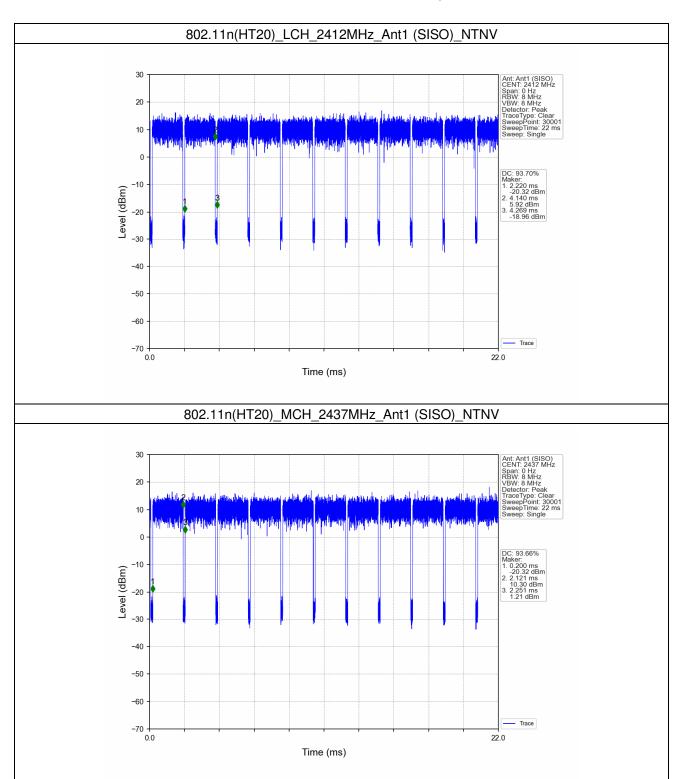
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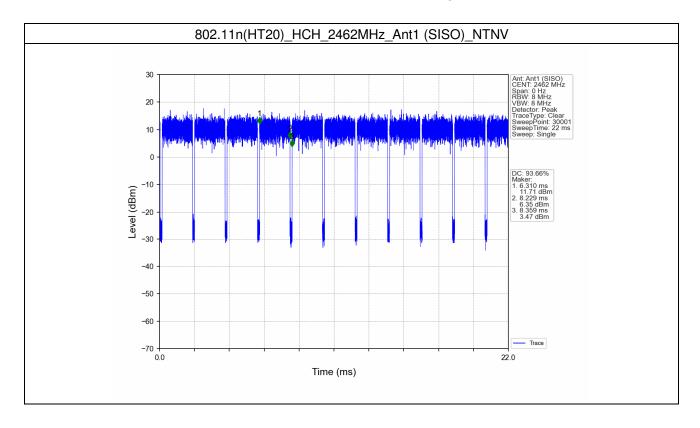
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2. Bandwidth

2.1 6dB BW

2.1.1 Test Result

Mode	TX	Frequency (MHz)	ANT	6dB Bandv	\/audiat		
	Type			Result	Limit	Verdict	
		2412	1	9.107	>=0.5	Pass	
802.11b	SISO	2437	1	9.074	>=0.5	Pass	
		2462	1	9.116	>=0.5	Pass	
		2412	1	16.377	>=0.5	Pass	
802.11g	SISO	2437	1	16.361	>=0.5	Pass Pass	
		2462	1	16.371	>=0.5		
802.11n (HT20)		2412	1	17.556	>=0.5	Pass	
	SISO	SISO	2437	1	17.580	>=0.5	Pass
		2462	1	17.573	>=0.5	Pass	



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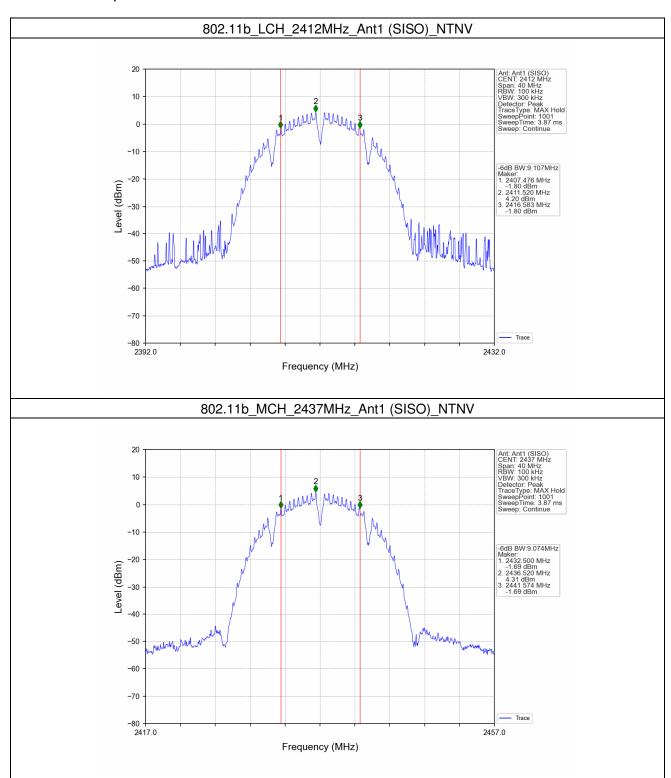
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2.1.2 Test Graph





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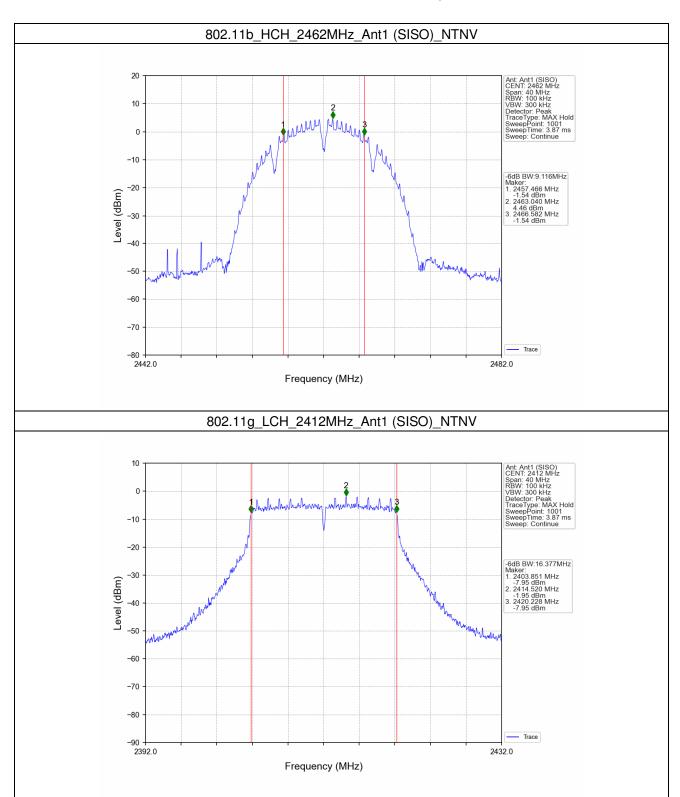
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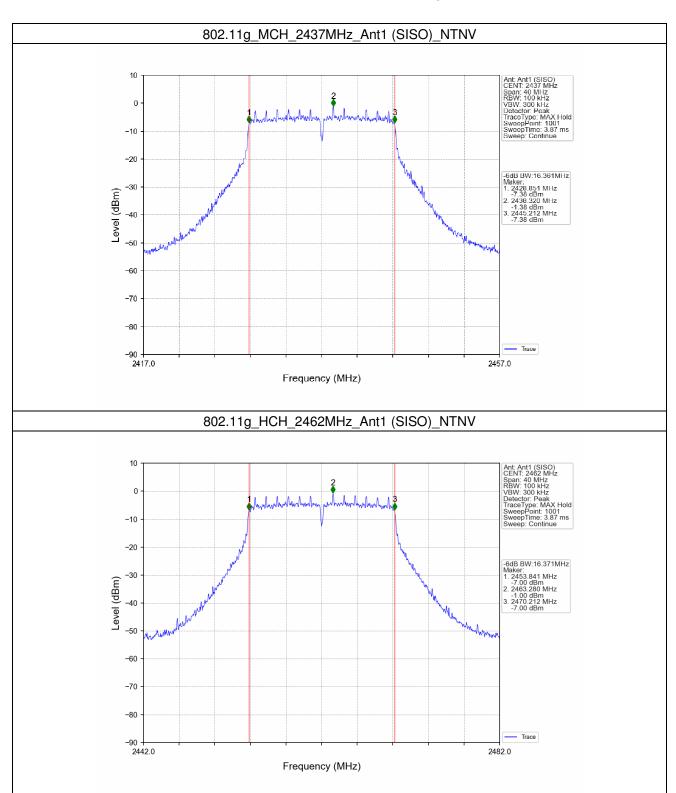
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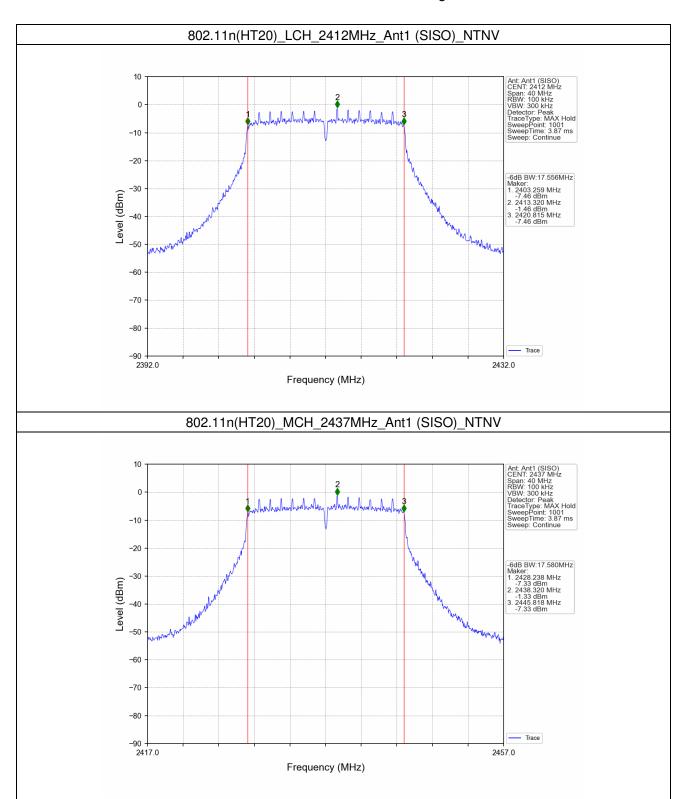
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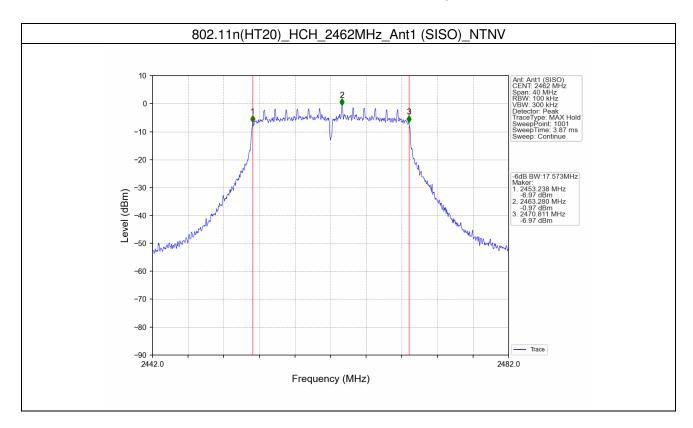
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3. Maximum Conducted Output Power

3.1 Power

3.1.1 Test Result

Mode	TX	Frequency (MHz)	Maximum Peak Conduct	Vordict			
Mode	Type		ANT1	Limit	Verdict		
	SISO	2412	15.07	<=30	Pass		
802.11b		2437	15.24	<=30	Pass		
		2462	15.57	<=30	Pass		
	SISO	2412	17.15	<=30	Pass		
802.11g		2437	17.31	<=30	Pass		
		2462	17.60	<=30	Pass		
		2412	17.10	<=30	Pass		
802.11n (HT20)	SISO	2437	17.33	<=30	Pass		
		2462	17.62	<=30	Pass		
Note1: Antenna Gain: Ant1: 2.54 dBi;							

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4. Maximum Power Spectral Density

4.1 PSD

4.1.1 Test Result

Mode	TX	Frequency (MHz)	Maximum PS	\/oudiat			
	Type		ANT1	Limit	Verdict		
802.11b		2412	-10.41	<=8	Pass		
	SISO	2437	-10.24	<=8	Pass		
		2462	-10.49	<=8	Pass		
802.11g	SISO	2412	-15.73	<=8	Pass		
		2437	-16.03	<=8	Pass		
		2462	-15.38	<=8	Pass		
802.11n (HT20)		2412	-16.59	<=8	Pass		
	SISO	2437	-16.48	<=8	Pass		
		2462	-15.40	<=8	Pass		
Note1: Antenna Gain: Ant1: 2.54 dBi;							



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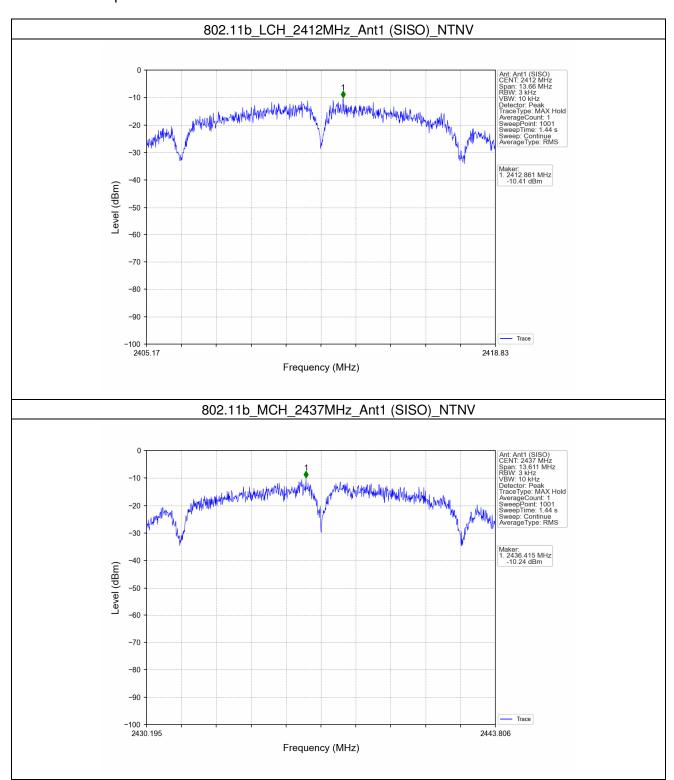
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4.1.2 Test Graph





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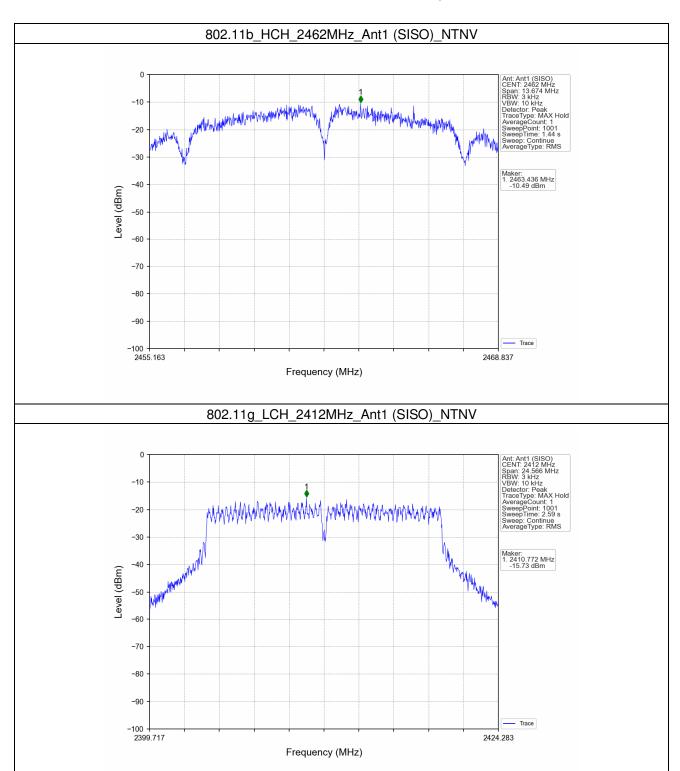
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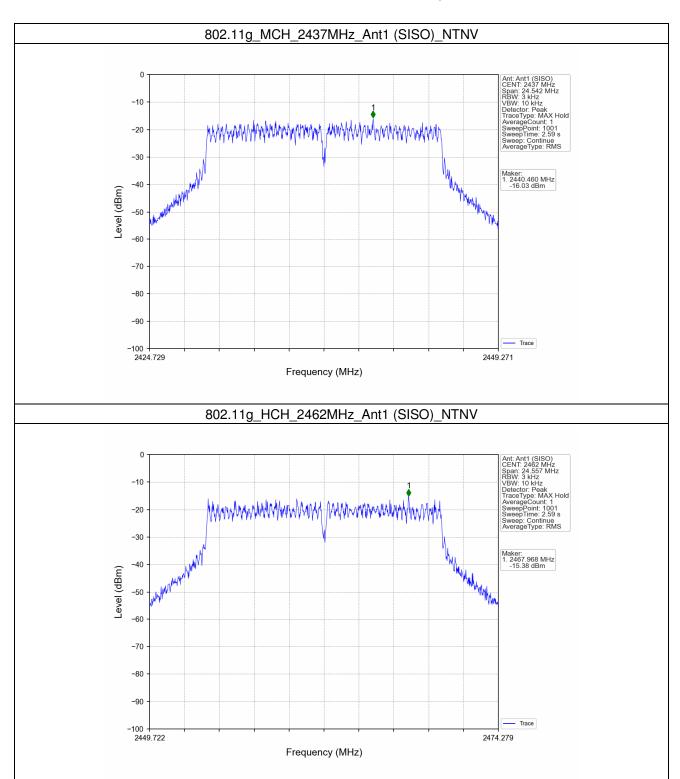
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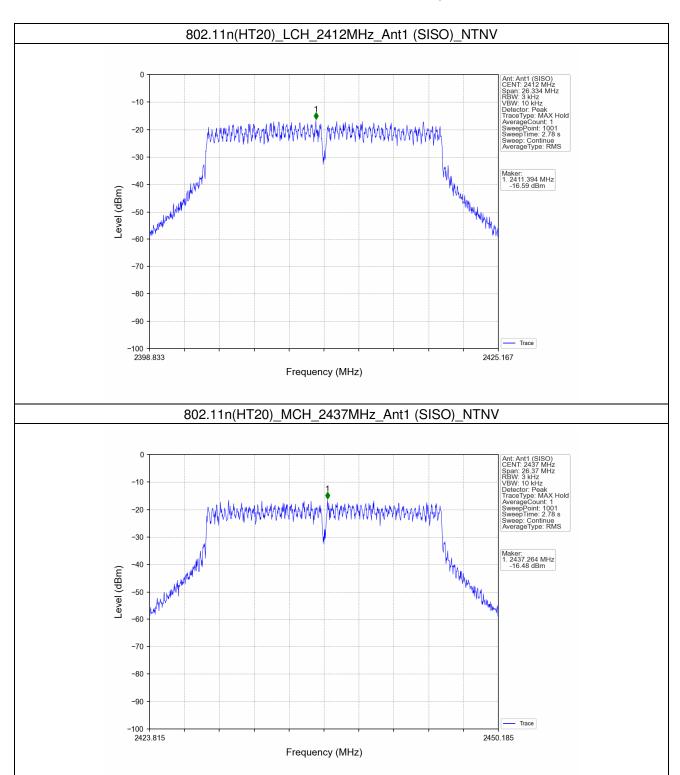
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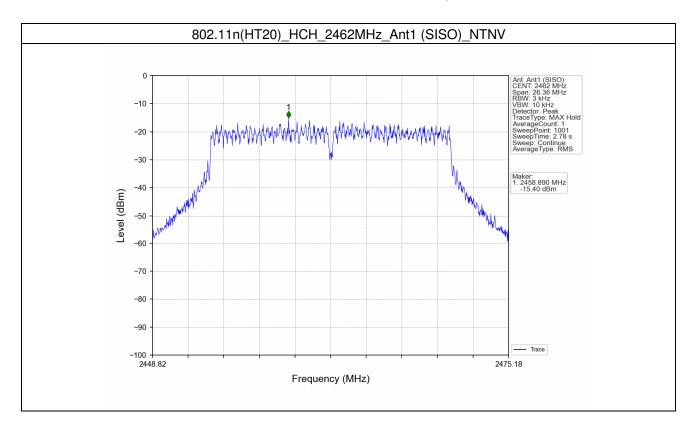
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5. Unwanted Emissions In Non-restricted Frequency Bands

5.1 Ref

5.1.1 Test Result

Mode	Mode TX Type		ANT	Level of Reference (dBm)	
		2412	1	3.98	
802.11b	SISO	2437	1	4.23	
		2462	1	4.41	
	SISO	2412	1	-1.51	
802.11g		2437	1	-1.78	
		2462	1	-1.39	
802.11n (HT20)		2412	1	-1.43	
	SISO	2437	1	-1.35	
		2462	1	-1.42	

Note1: Refer to FCC Part 15.247 (d) and ANSI C63.10-2013, the channel contains the maximum PSD level was used to establish the reference level.



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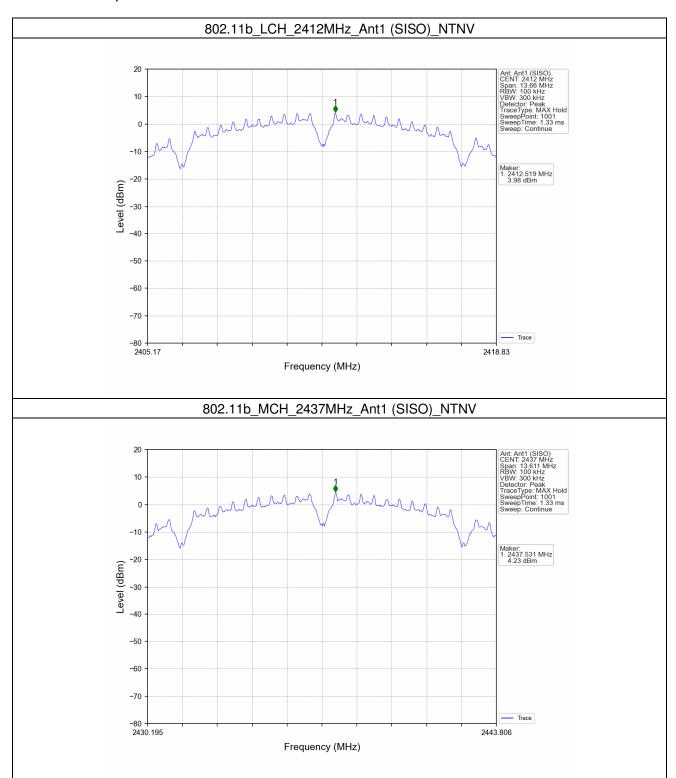
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5.1.2 Test Graph





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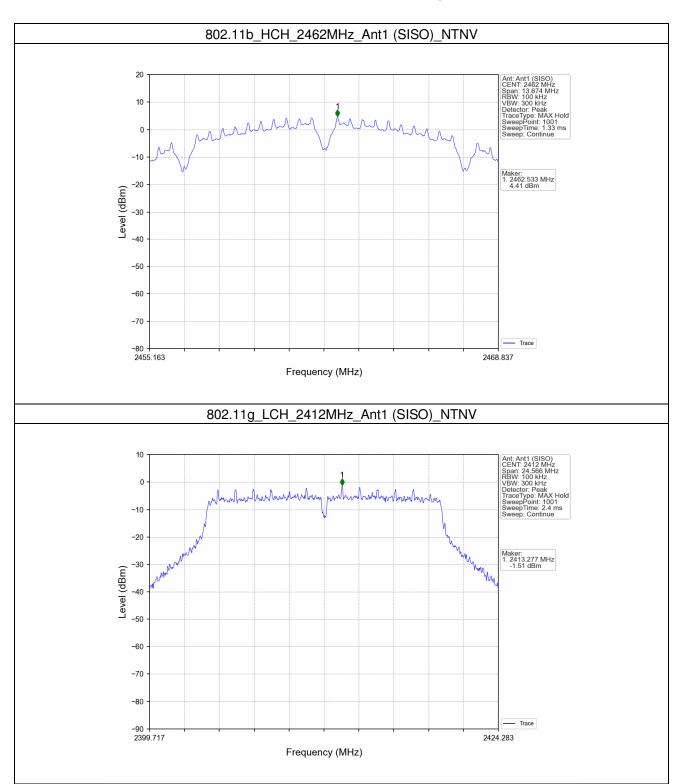
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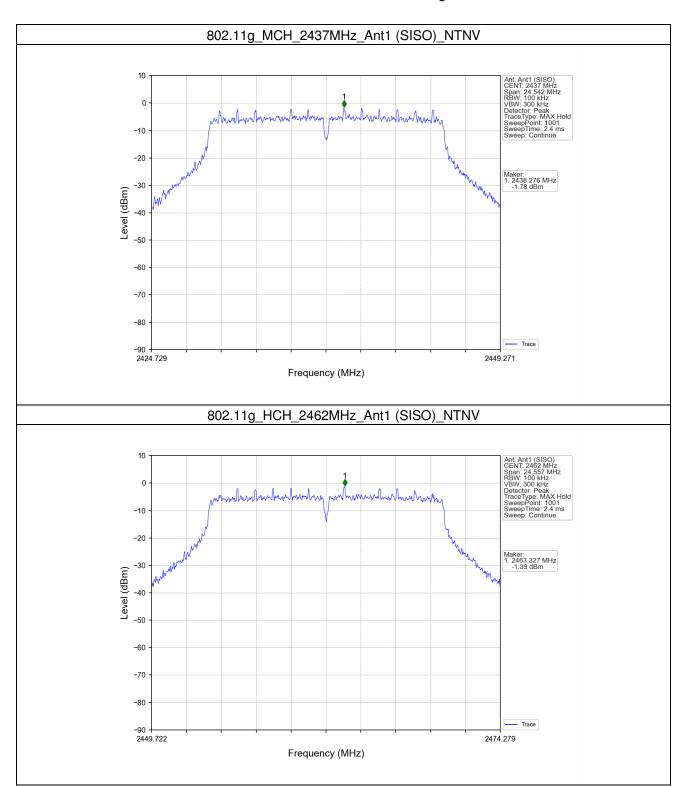
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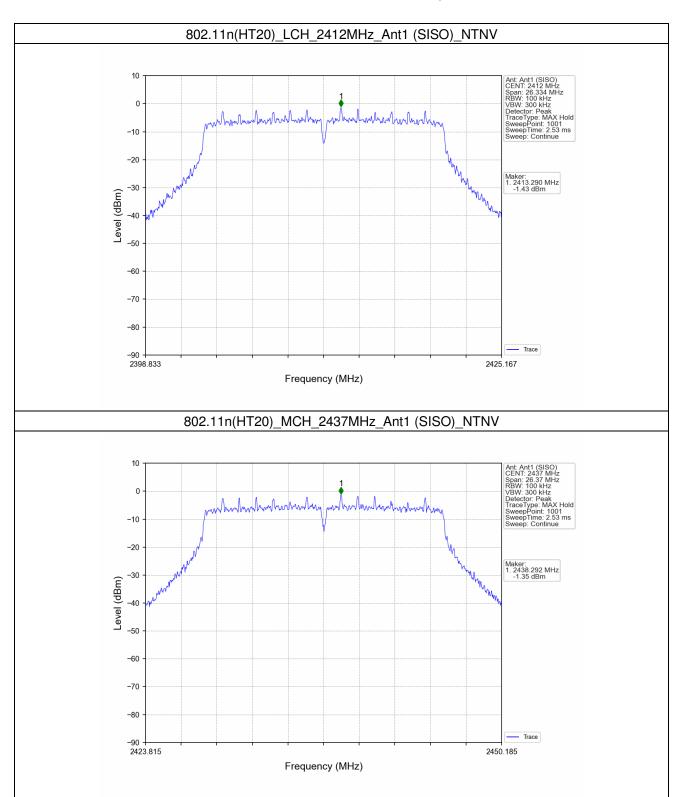
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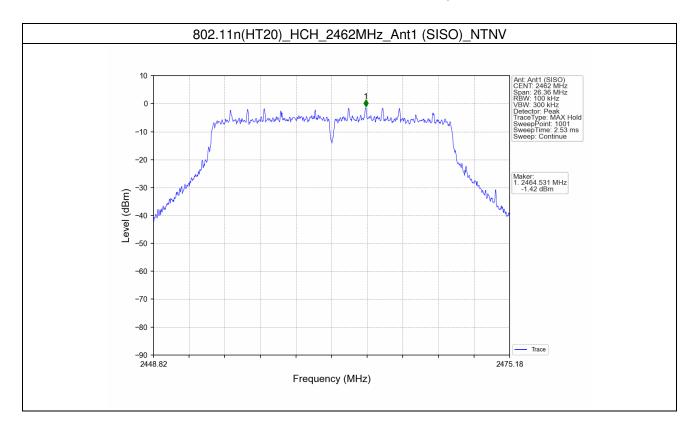
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5.2 CSE and Band Edges

5.2.1 Test Result

Mode	TX Type	Frequency (MHz)	ANT	Level of Reference (dBm)	Limit (dBm)	Verdict
802.11b	SISO	2412	1	4.41	-15.59	Pass
		2437	1	4.41	-15.59	Pass
		2462	1	4.41	-15.59	Pass
		2412	1	-1.39	-21.39	Pass
802.11g	SISO	2437	1	-1.39	-21.39	Pass
		2462	1	-1.39	-21.39	Pass
802.11n (HT20)		2412	1	-1.35	-21.35	Pass
	SISO	2437	1	-1.35	-21.35	Pass
		2462	1	-1.35	-21.35	Pass

Note1: Refer to FCC Part 15.247 (d) and ANSI C63.10-2013, the channel contains the maximum PSD level was used to establish the reference level.



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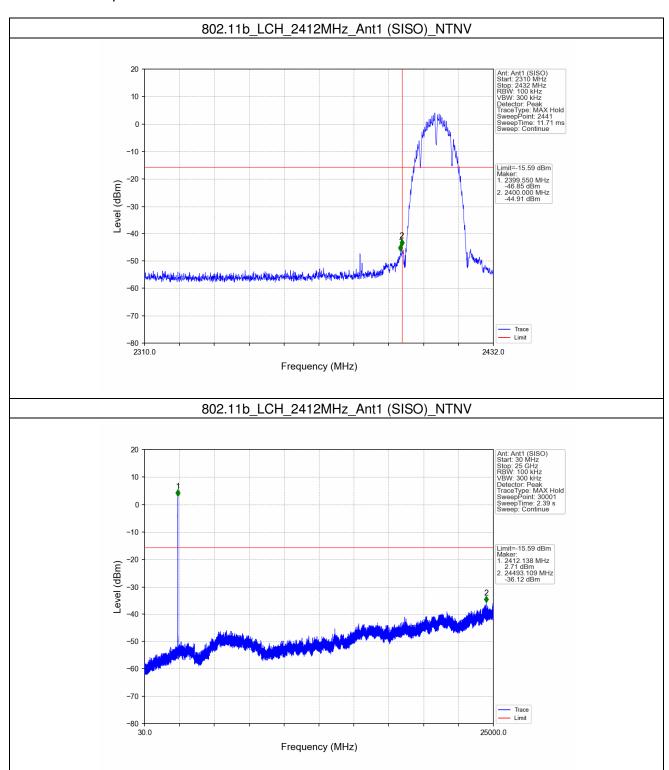
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5.2.2 Test Graph





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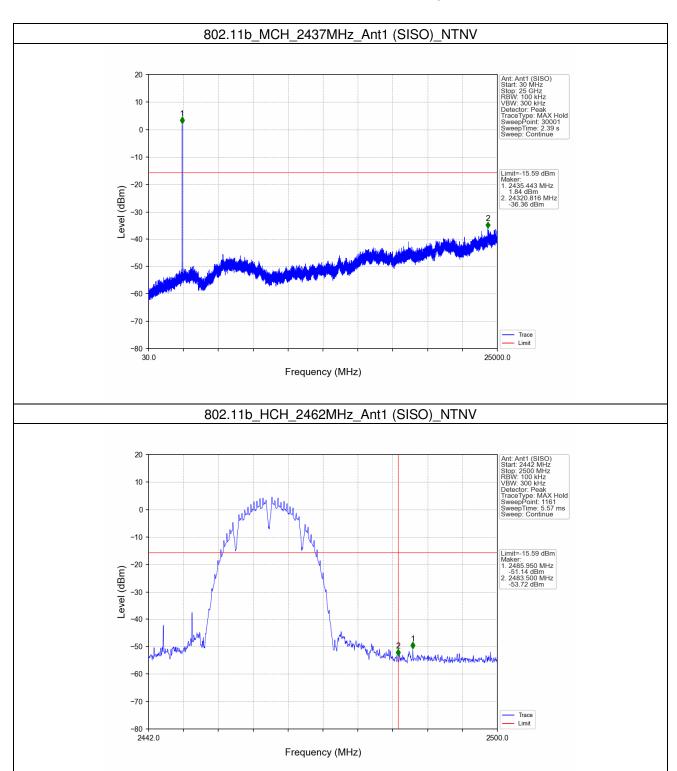
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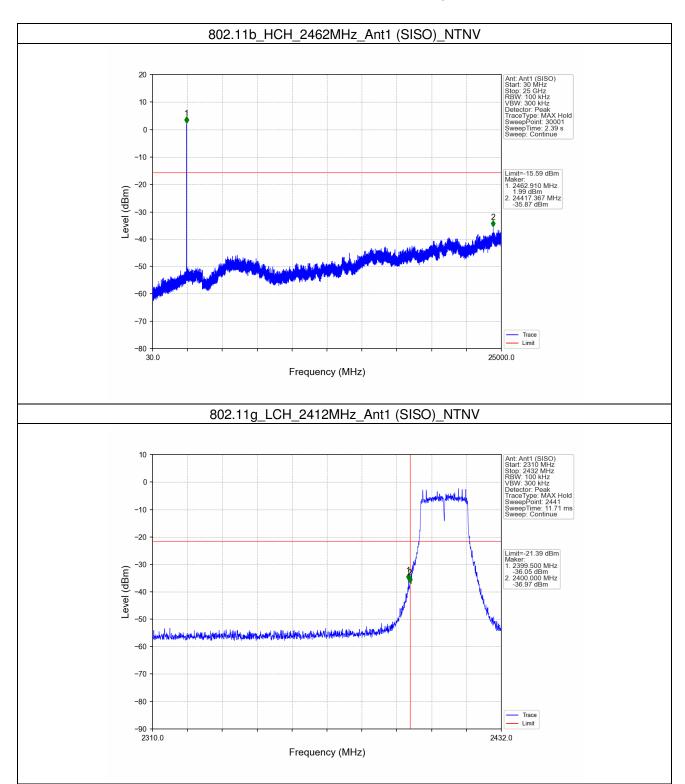
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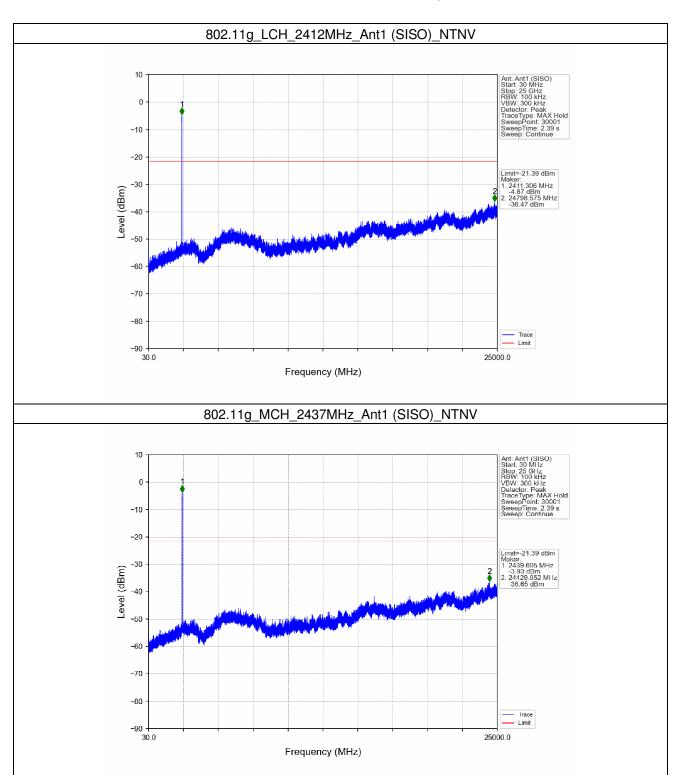
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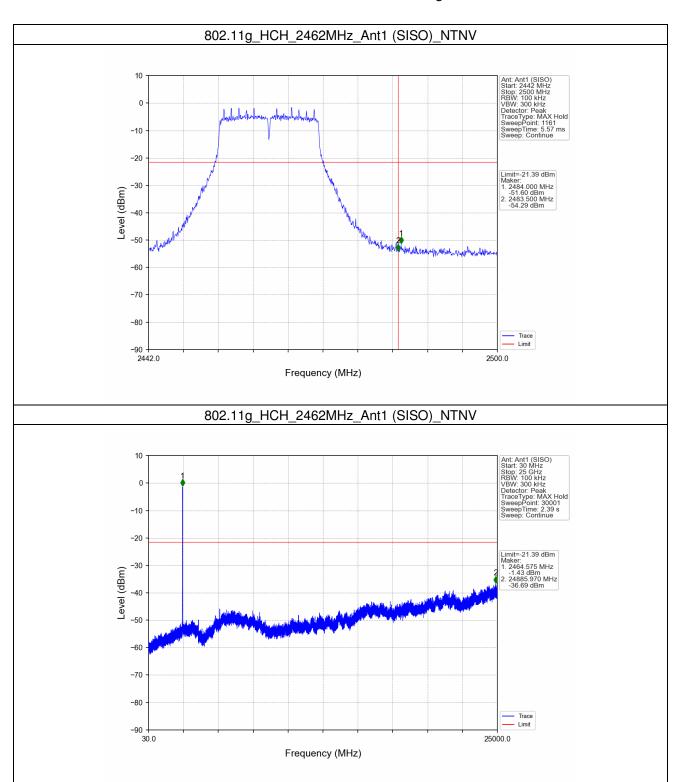
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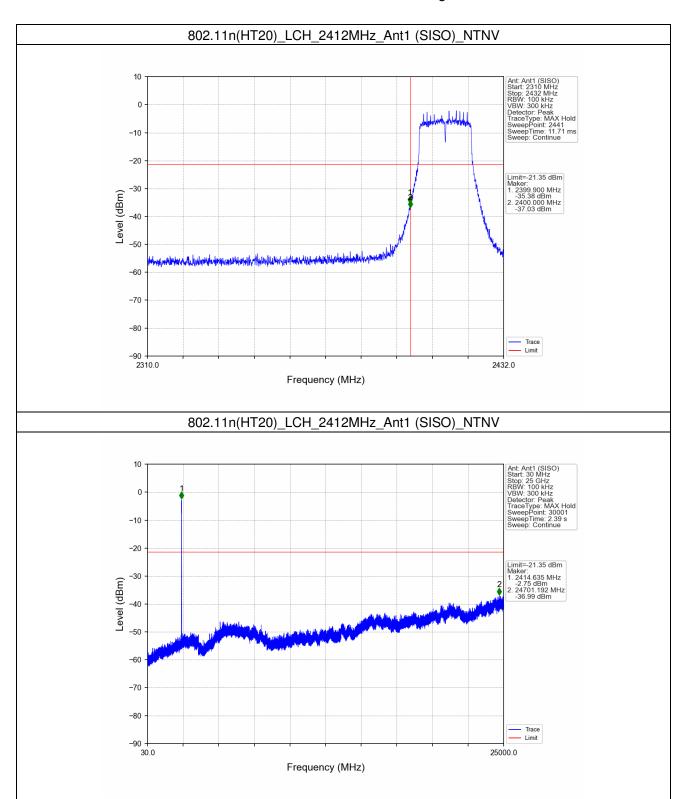
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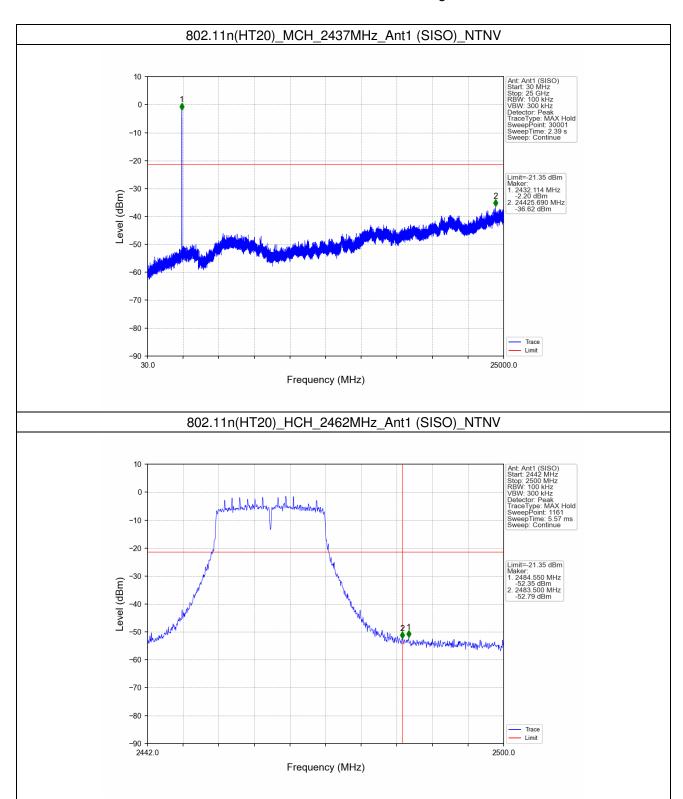
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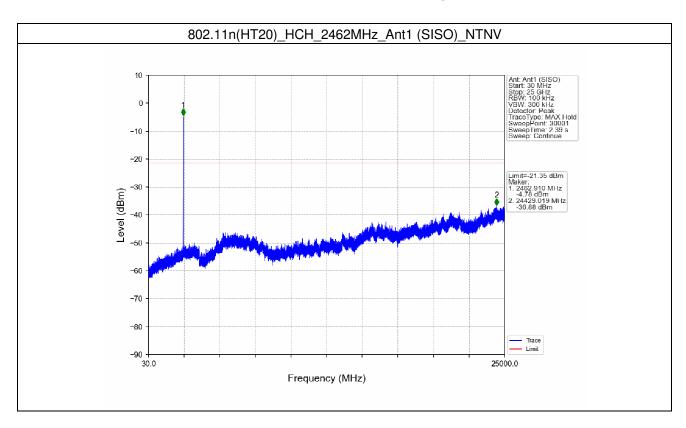
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