Annex for WIFI

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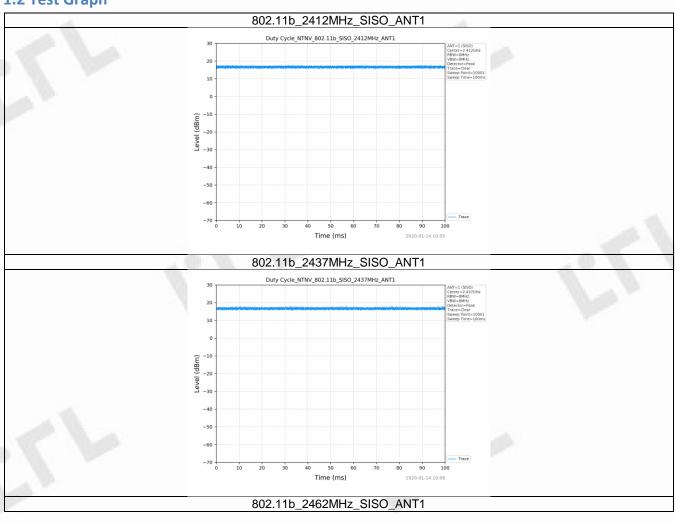
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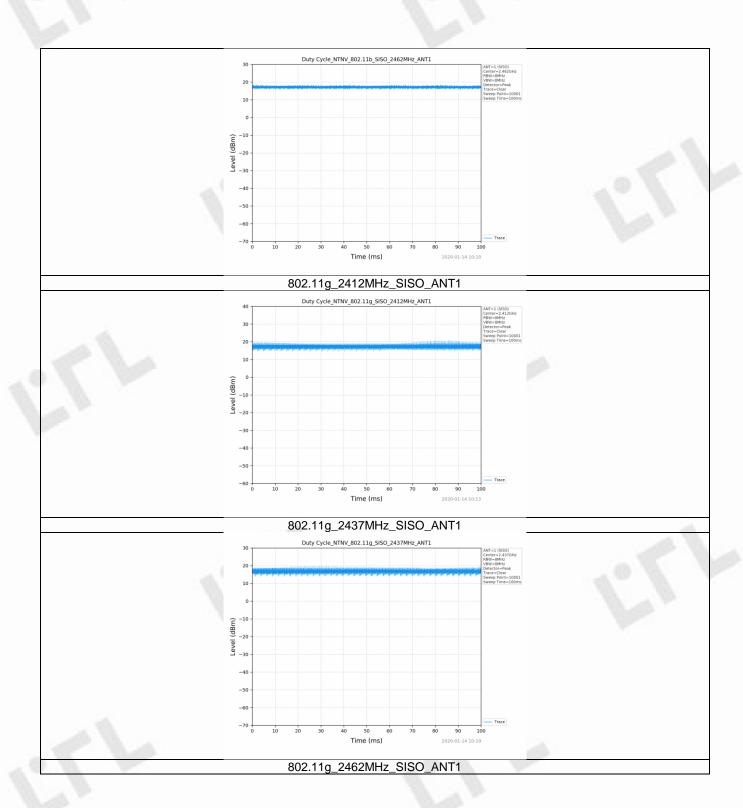
1. Duty Cycle

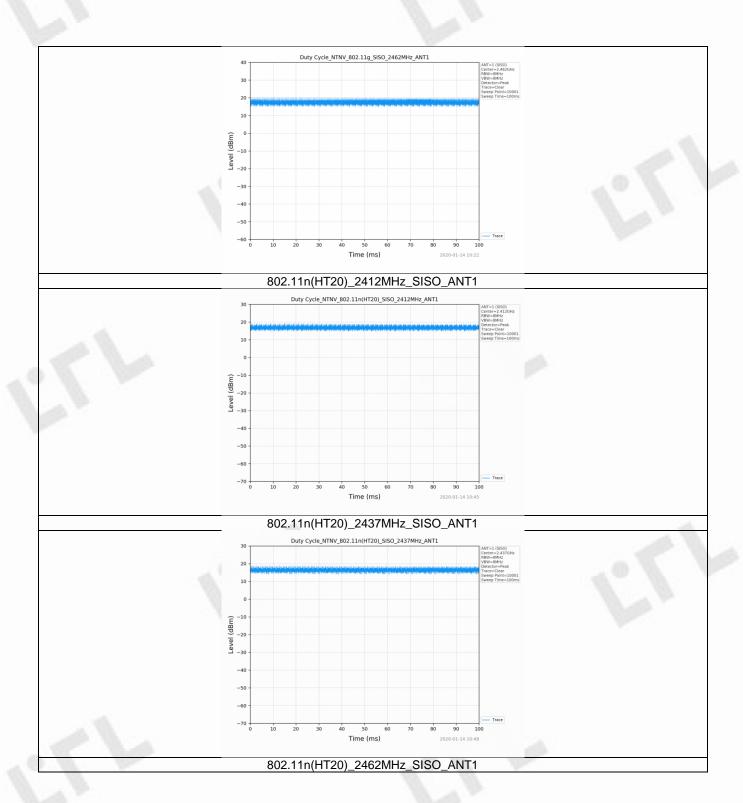
1.1 Test Result

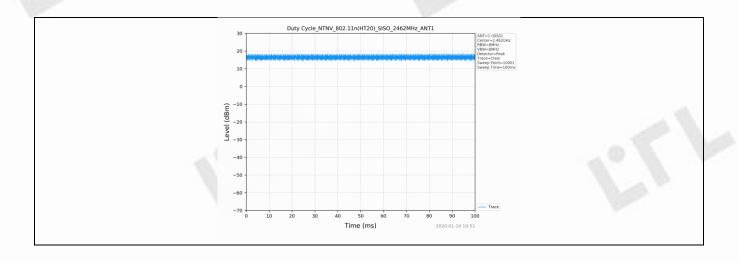
Test Mode	Channel Frequency(MHz)	TX Type	ANT No.	T_on (ms)	Period (ms)	Duty Cycle (%)	Duty Cycle Correction Factor (dB)
	2412	SISO	1	100.000	100.000	100.00	0.00
802.11b	2437	SISO	1	100.000	100.000	100.00	0.00
	2462	SISO	1	100.000	100.000	100.00	0.00
	2412	SISO	1	100.000	100.000	100.00	0.00
802.11g	2437	SISO	1	100.000	100.000	100.00	0.00
	2462	SISO	1	100.000	100.000	100.00	0.00
802.11n(HT20)	2412	SISO	1	100.000	100.000	100.00	0.00
	2437	SISO	1	100.000	100.000	100.00	0.00
	2462	SISO	1	100.000	100.000	100.00	0.00

1.2 Test Graph









2. Bandwidth

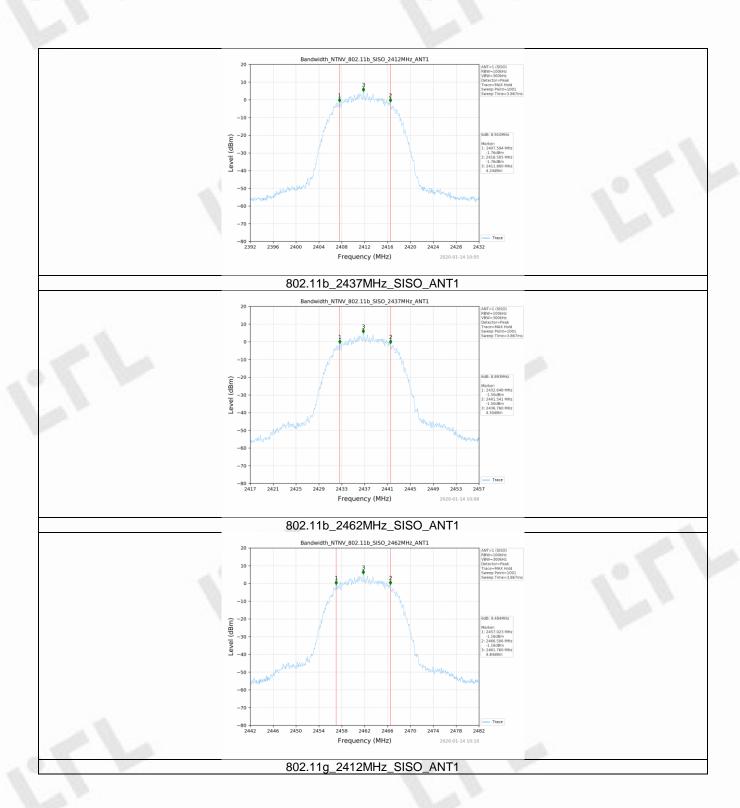
2.1 Test Result

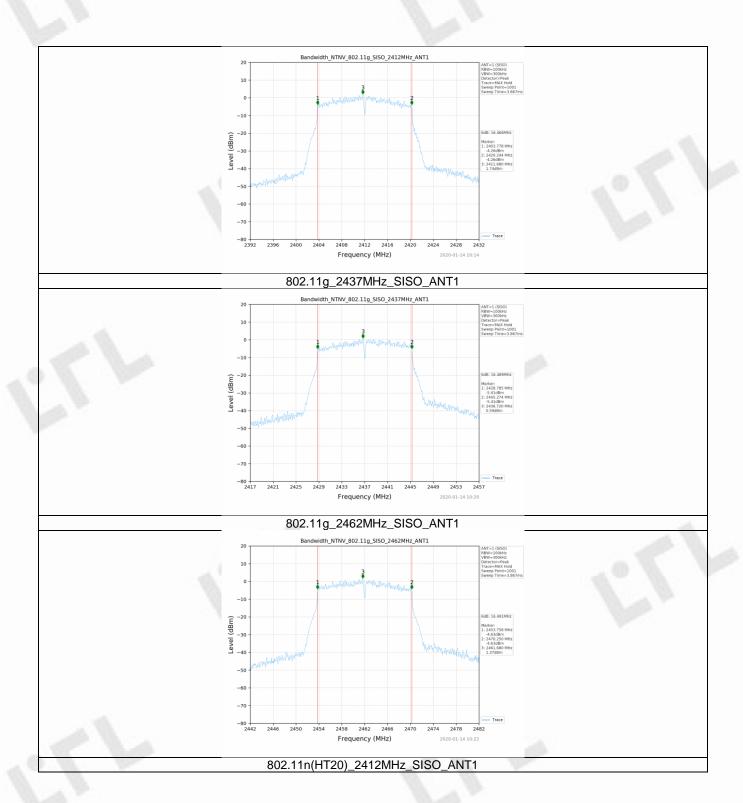
Test Mode	Frequency	CY TY TYPE ANT N		6dB Ban	\/a nali at	
(MHz)			Test Result (MHz)	Limits (MHz)	Verdict	
4.7	2412	SISO	1	8.910	≥0.5	PASS
802.11b	2437	SISO	1	8.893	≥0.5	PASS
2462	2462	SISO	1	9.484	≥0.5	PASS
2412	2412	SISO	1	16.466	≥0.5	PASS
802.11g	2437	SISO	1	16.489	≥0.5	PASS
2462	SISO	1	16.491	≥0.5	PASS	
	2412	SISO	1	17.556	≥0.5	PASS
802.11n(HT20)	2437	SISO	1	17.663	≥0.5	PASS
	2462	SISO	1	17.662	≥0.5	PASS

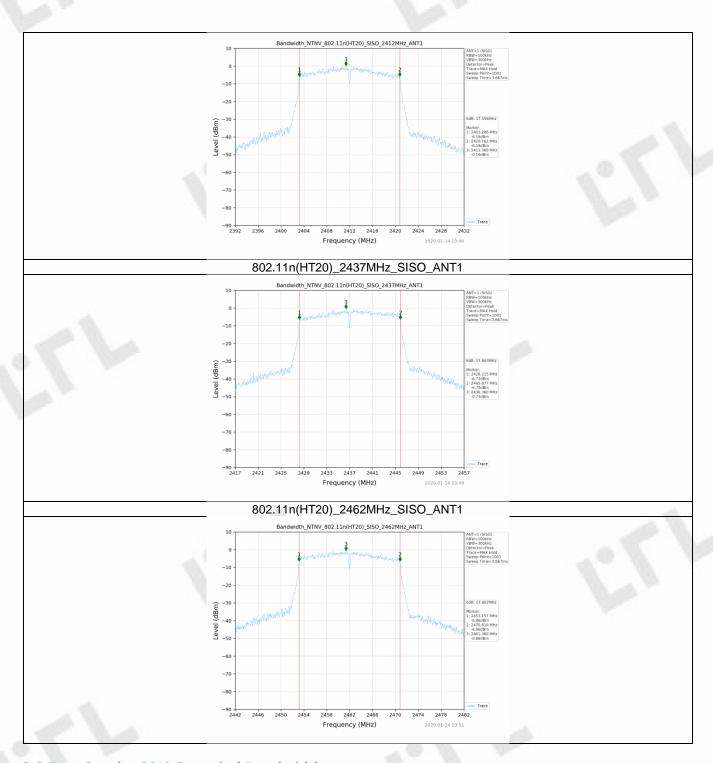
Test Mode Frequency (MHz)		TX Type	ANT No.	99% Occupied Bandwidth		
		TA Type ANT No.		Test Result (MHz)		
	2412	SISO	1	12.255	Only for Report Use	
802.11b	2437	SISO	1	12.380	Only for Report Use	
2462	2462	SISO	1	12.351	Only for Report Use	
	2412	SISO	1	16.536	Only for Report Use	
802.11g	2437	SISO	1	16.598	Only for Report Use	
_	2462	SISO	1	16.582	Only for Report Use	
	2412	SISO	1	17.559	Only for Report Use	
802.11n(HT20)	2437	SISO	1	17.667	Only for Report Use	
	2462	SISO	1	17.637	Only for Report Use	

2.2 Test Graph - 6dB Bandwidth

802.11b_2412MHz_SISO_ANT1

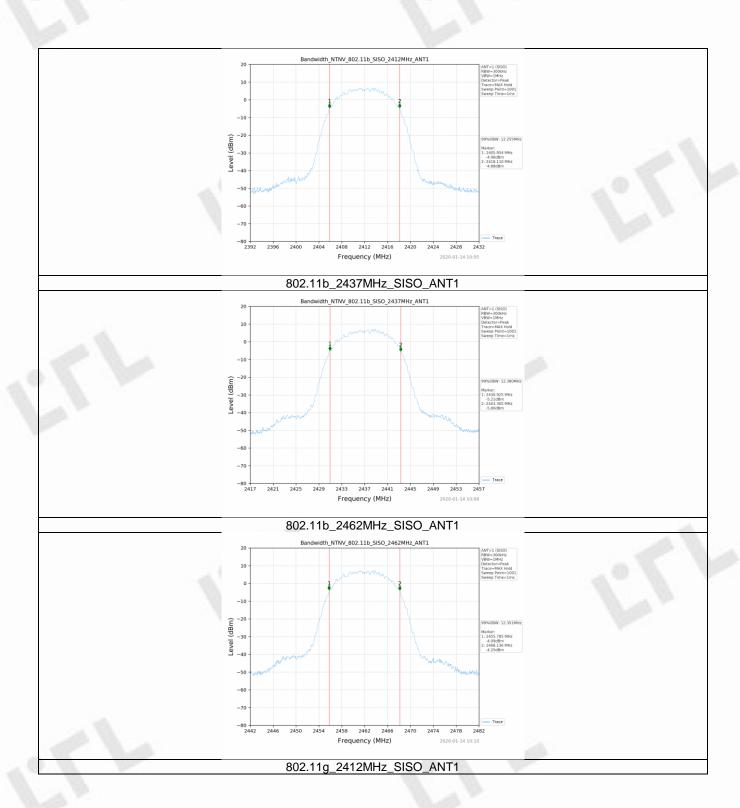


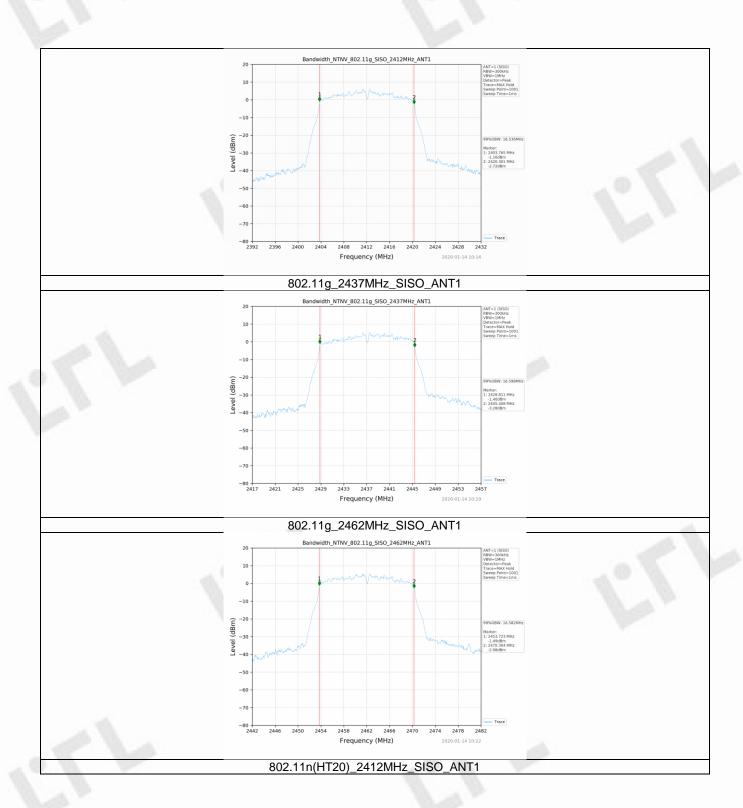


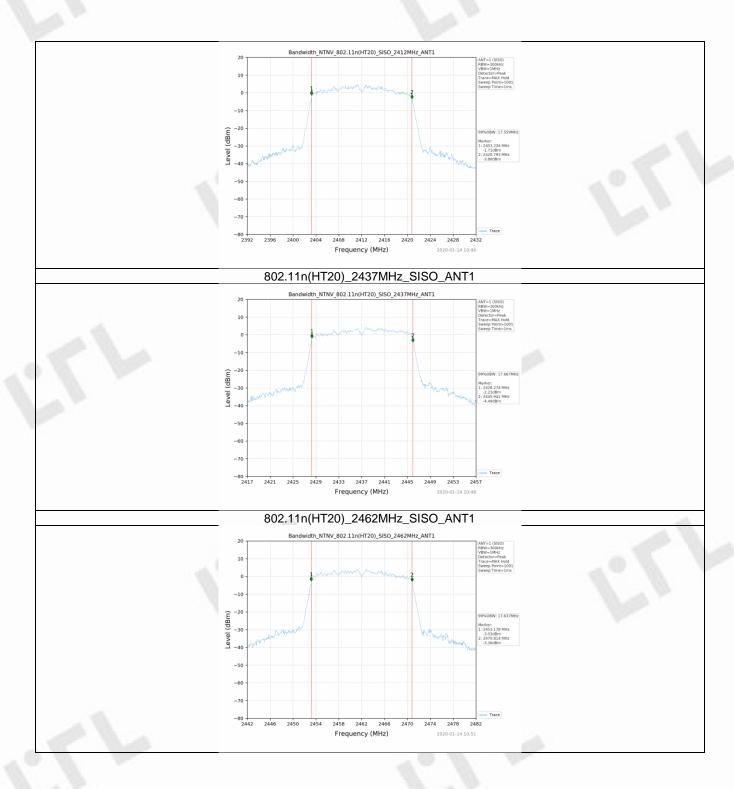


2.3 Test Graph - 99% Occupied Bandwidth

802.11b_2412MHz_SISO_ANT1







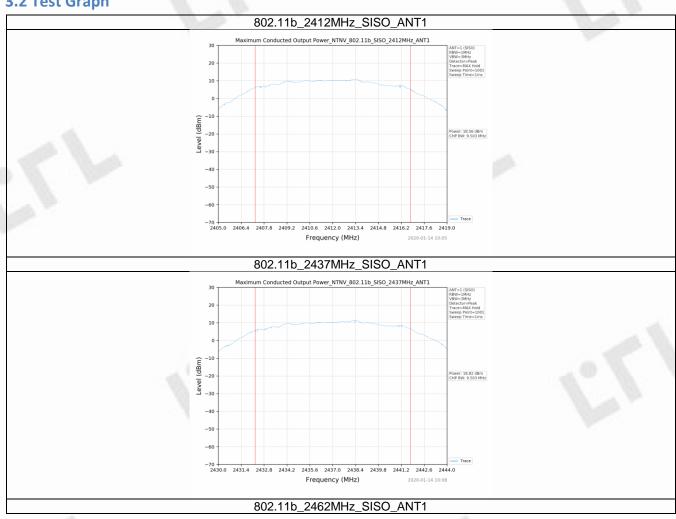
3. Maximum Conducted Output Power

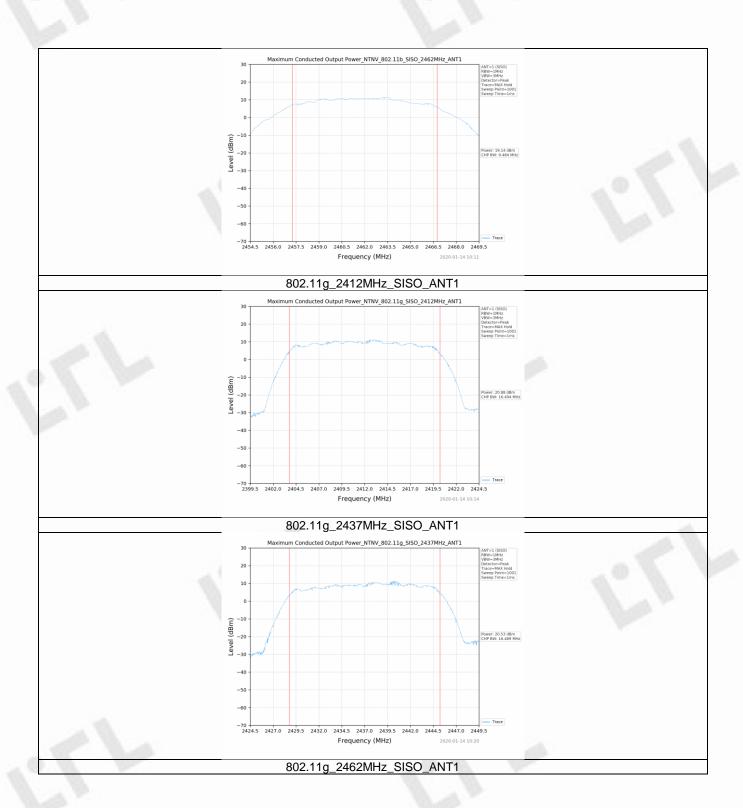
3.1 Test Result

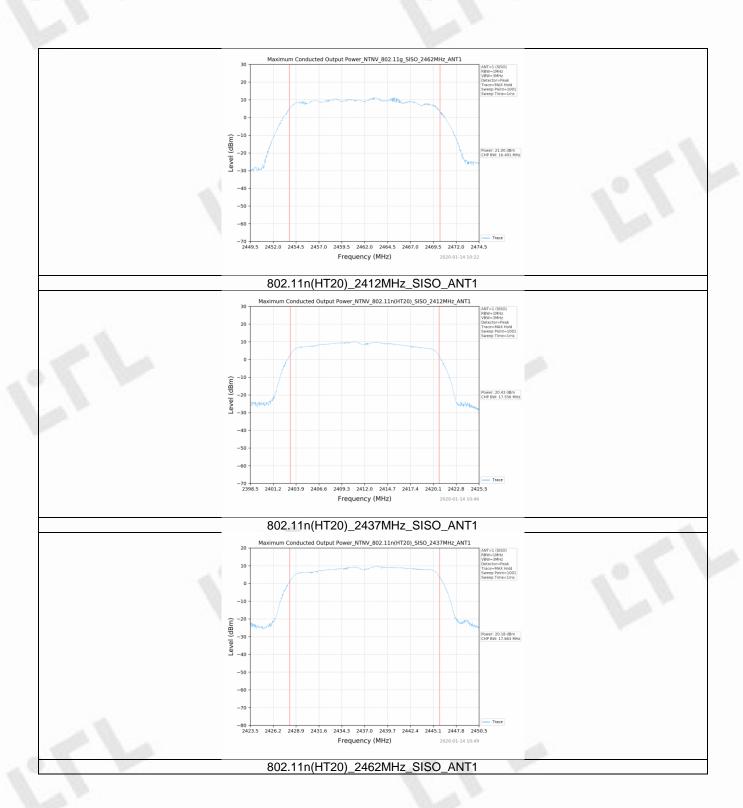
Test Mode Frequency (MHz) Tx Type	Measured Peak Output Power (dBm) Ant 1	Limits (dBm)	Verdict	
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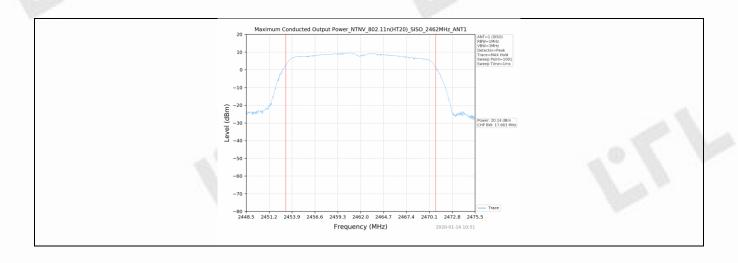
802.11b	2412	SISO	18.56	30	PASS
	2437	SISO	18.82	30	PASS
	2462	SISO	19.14	30	PASS
802.11g	2412	SISO	20.88	30	PASS
	2437	SISO	20.53	30	PASS
	2462	SISO	21.00	30	PASS
802.11n(HT20)	2412	SISO	20.43	30	PASS
	2437	SISO	20.18	30	PASS
	2462	SISO	20.14	30	PASS

3.2 Test Graph







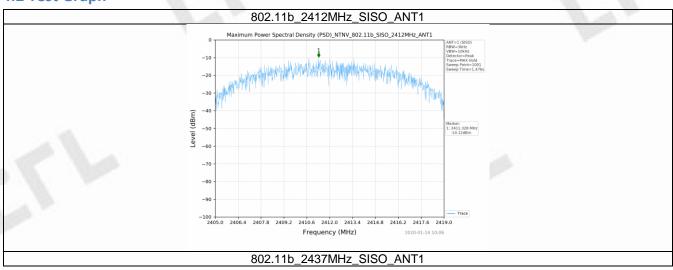


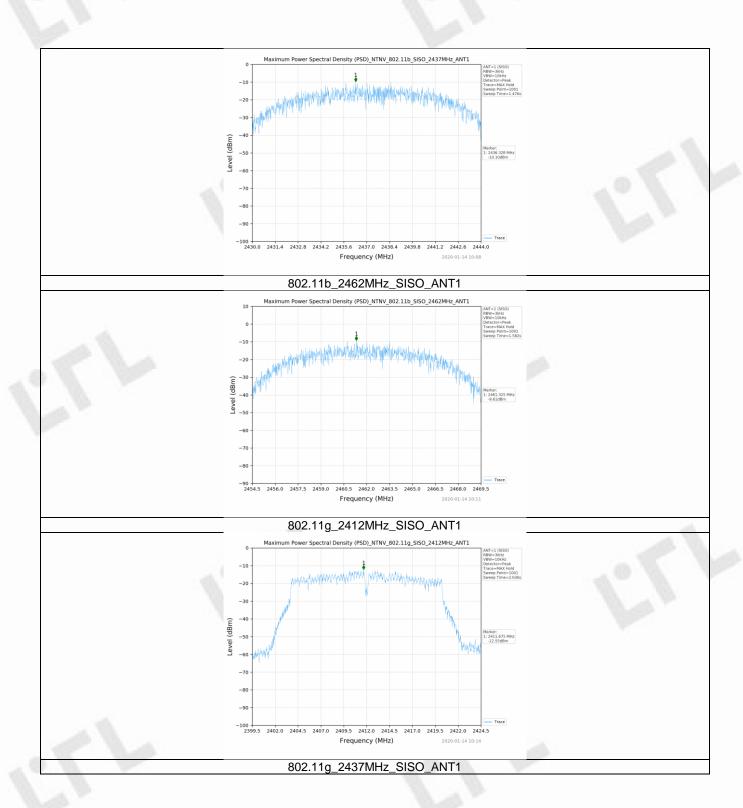
4. Maximum Power Spectral Density (PSD)

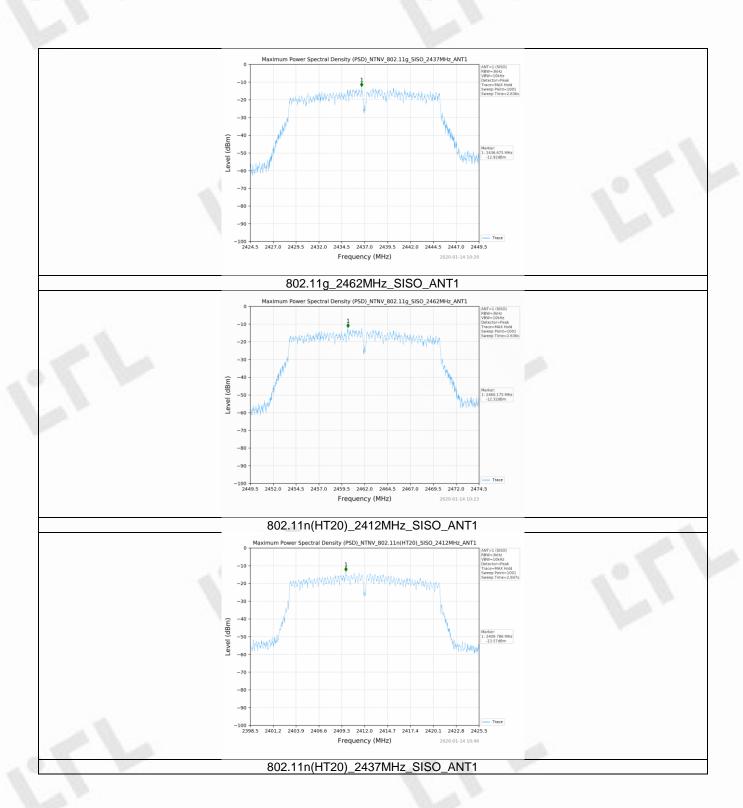
4.1 Test Result

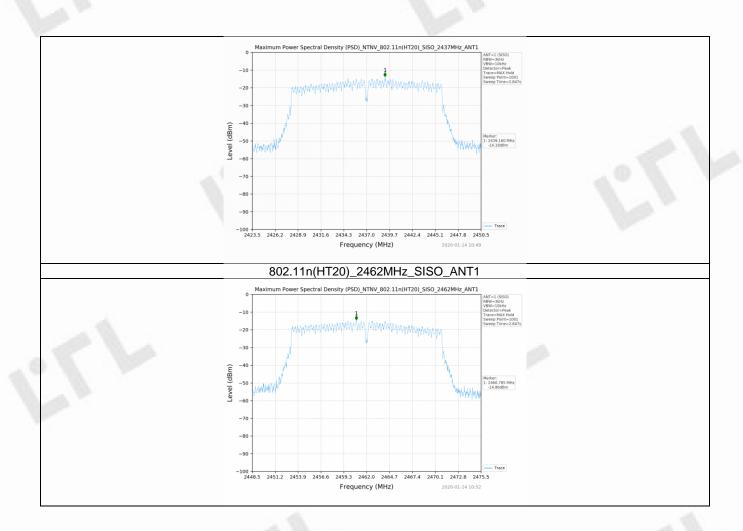
Test Mode	Frequency (MHz)	Тх Туре	Maximum Power Spectral Density (dBm/3KHz) Ant 1	Limits (dBm/3kHz)	Verdict
	2412	SISO	-10.12	≤8	PASS
802.11b	2437	SISO	-10.10	≤8	PASS
	2462	SISO	-9.61	≤8	PASS
	2412	SISO	-12.55	≤8	PASS
802.11g	2437	SISO	-12.92	≤8	PASS
	2462	SISO	-12.32	≤8	PASS
	2412	SISO	-13.57	≤8	PASS
802.11n(HT20)	2437	SISO	-14.18	≤8	PASS
	2462	SISO	-14.86	≤8	PASS

4.2 Test Graph









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
	2412	SISO	1	Refer to test graph	-15.23	PASS
802.11b	2437	SISO	1	Refer to test graph	-15.23	PASS
	2462	SISO	1	Refer to test graph	-15.23	PASS
	2412	SISO	1	Refer to test graph	-18.31	PASS
802.11g	2437	SISO	1	Refer to test graph	-18.31	PASS
40.	2462	SISO	1	Refer to test graph	-18.31	PASS
- AF 16	2412	SISO	1	Refer to test graph	-20.37	PASS
802.11n(HT20)	2437	SISO	1	Refer to test graph	-20.37	PASS
	2462	SISO	1	Refer to test graph	-20.37	PASS

5.2 Test Graph

802.11b_SISO_ANT1_REF

