

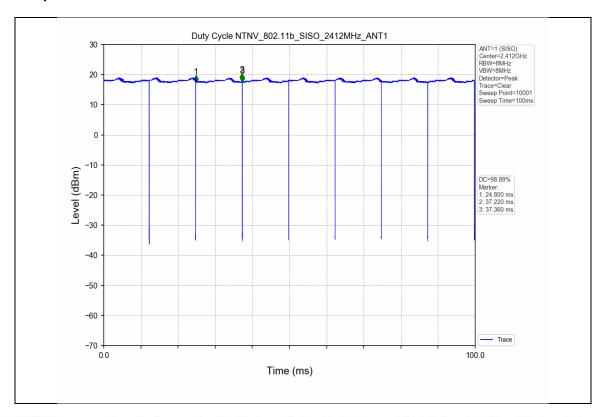
#### Appendix A for SHEM210100070401

#### 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)
	2412	SISO	1	12.420	12.560	98.89	0.05
802.11b	2437	SISO	1	12.420	12.580	98.73	0.06
	2462	SISO	1	12.410	12.540	98.96	0.05
802.11g	2412	SISO	1	2.062	2.189	94.20	0.26
	2437	SISO	1	2.064	2.210	93.39	0.30
	2462	SISO	1	2.041	2.210	92.35	0.35
802.11n(HT20)	2412	SISO	1	1.920	2.309	83.15	0.80
	2437	SISO	1	1.890	2.030	93.10	0.31
	2462	SISO	1	1.893	2.063	91.76	0.37

#### 1.2 Test Graph



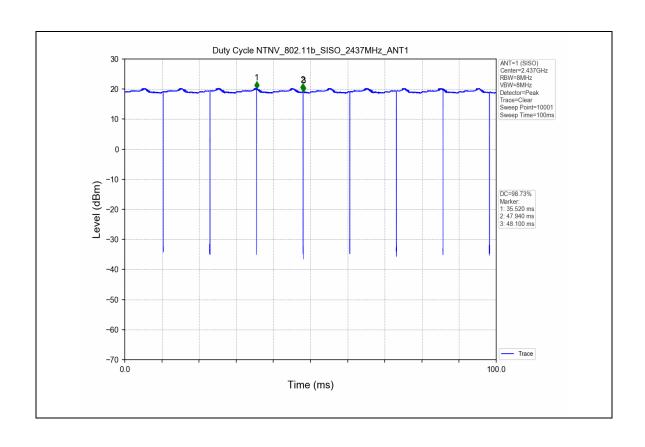


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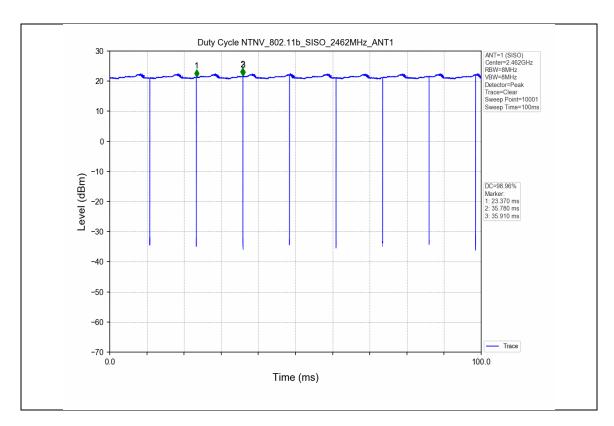




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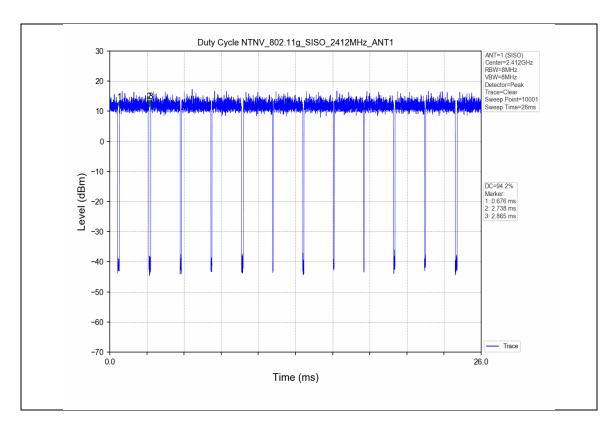




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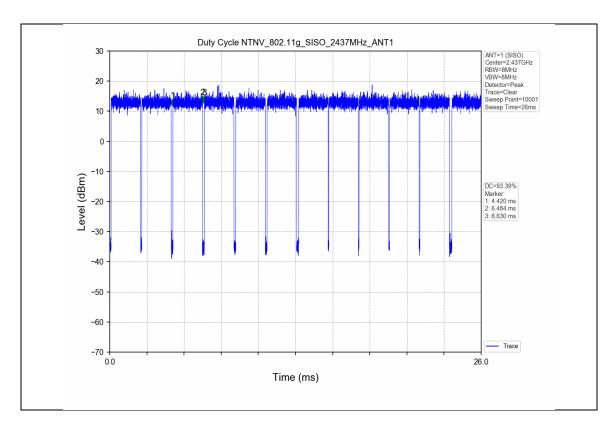






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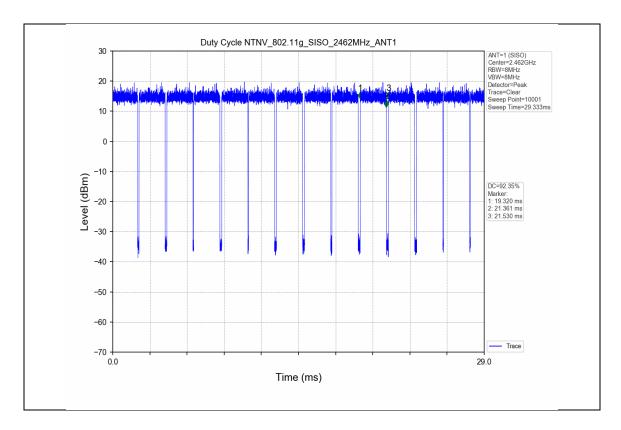




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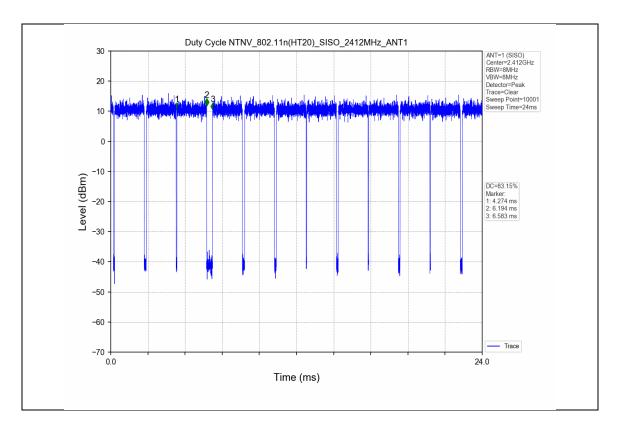




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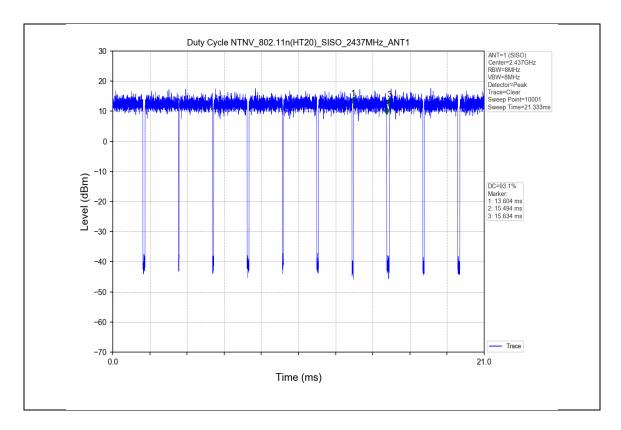




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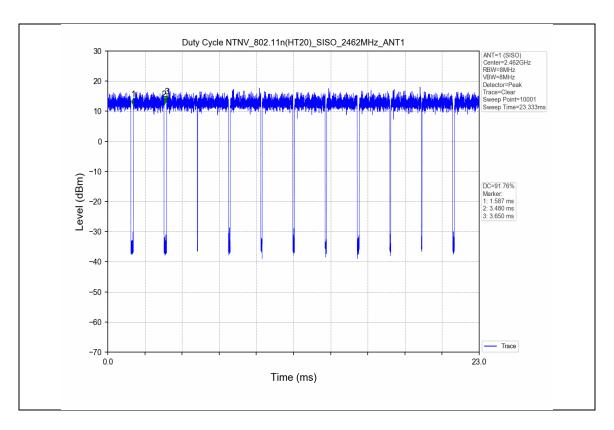




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#### 2. Bandwidth

#### 2.1 Test Result

Test Mode	Frequency (MHz) TX Ty	TV Type	ANT No.	6dB Bandwidth		Verdict
		1 × 1 ype		Test Result (MHz)	Limits (MHz)	verdict
802.11b	2412	SISO	1	9.067	≥0.5	PASS
	2437	SISO	1	8.593	≥0.5	PASS
	2462	SISO	1	8.598	≥0.5	PASS
802.11g	2412	SISO	1	16.388	≥0.5	PASS
	2437	SISO	1	16.110	≥0.5	PASS
	2462	SISO	1	16.377	≥0.5	PASS
802.11n(HT20)	2412	SISO	1	17.574	≥0.5	PASS
	2437	SISO	1	17.316	≥0.5	PASS
	2462	SISO	1	17.583	≥0.5	PASS

Test Mode	Frequency (MHz)	TX Type	ANT No.	99% Occupied Bandwidth		
rest iviode				Test Result (MHz)		
802.11b	2412	SISO	1	13.504	Only for Report Use	



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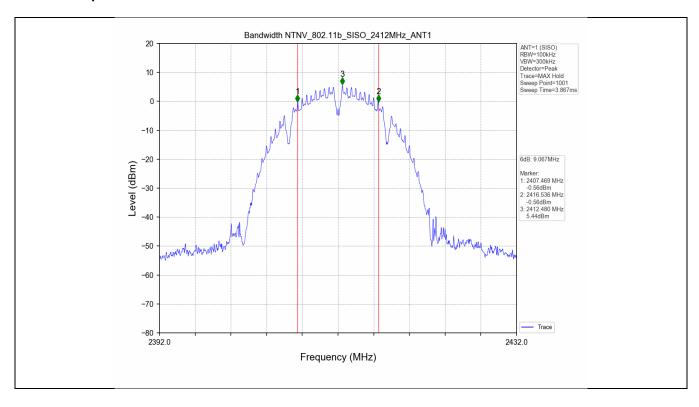
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	2437	SISO	1	13.570	Only for Report Use
	2462	SISO	1	13.475	Only for Report Use
	2412	SISO	1	16.954	Only for Report Use
802.11g	2437	SISO	1	16.933	Only for Report Use
-	2462	SISO	1	16.802	Only for Report Use
802.11n(HT20)	2412	SISO	1	17.870	Only for Report Use
	2437	SISO	1	17.835	Only for Report Use
	2462	SISO	1	17.750	Only for Report Use

#### 2.2 Test Graph - 6dB Bandwidth





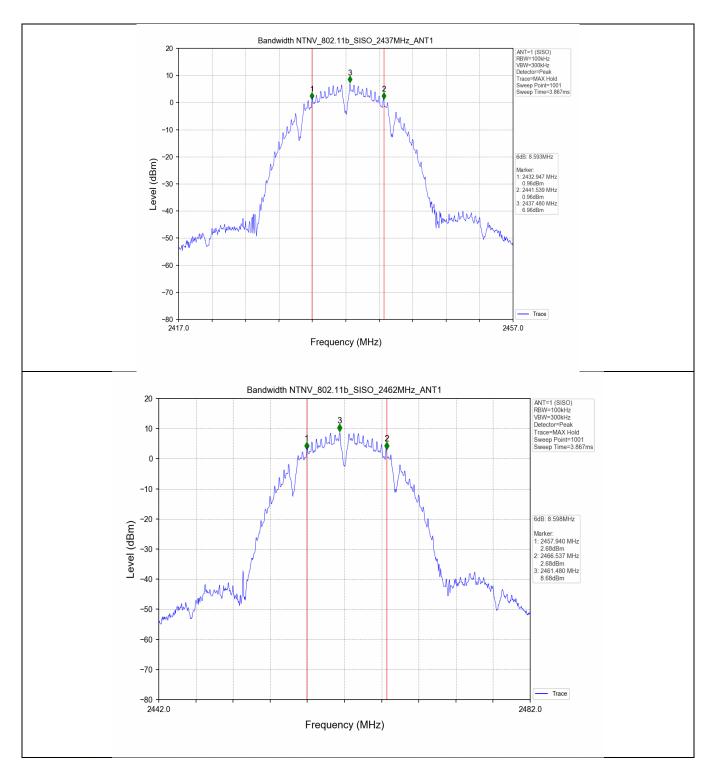
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Attention: To check the authenticity of testing /inspection report & certificate, please contact us at telephone: (86-755) 8307 1443, or email: CN.Doccheck@ags.com

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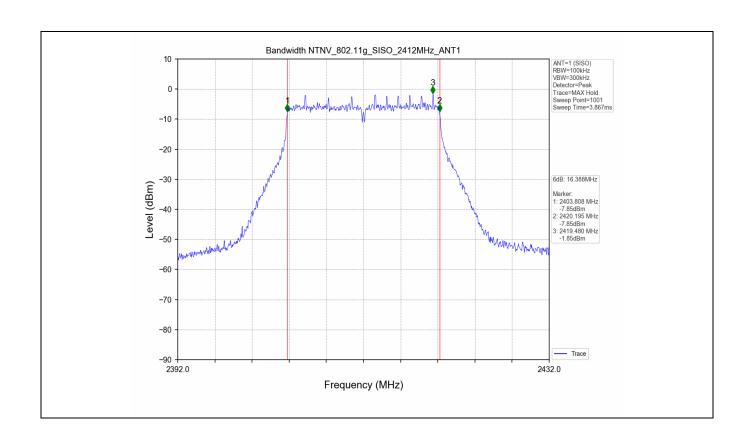




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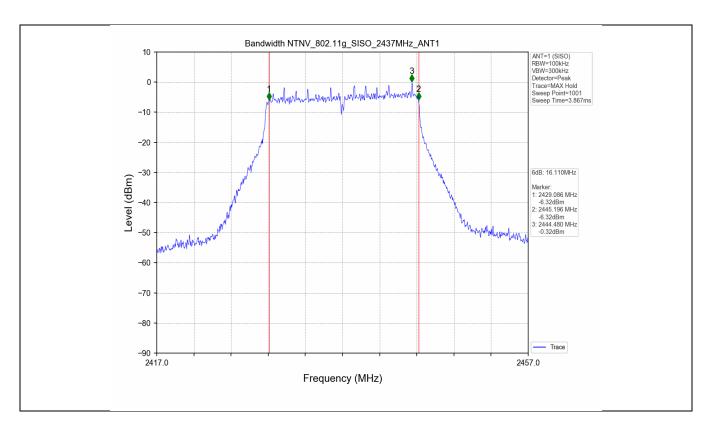




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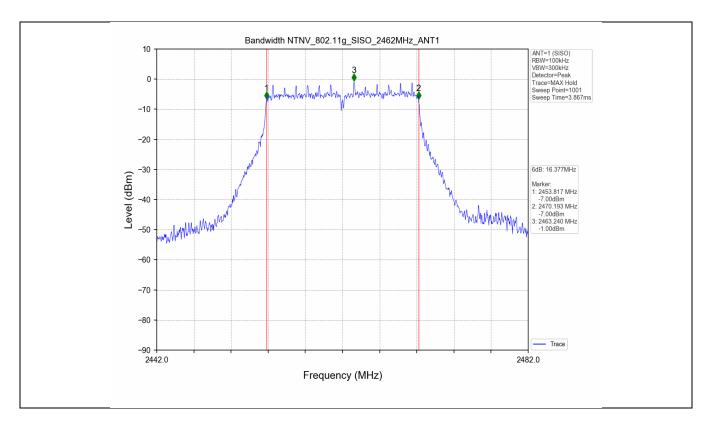




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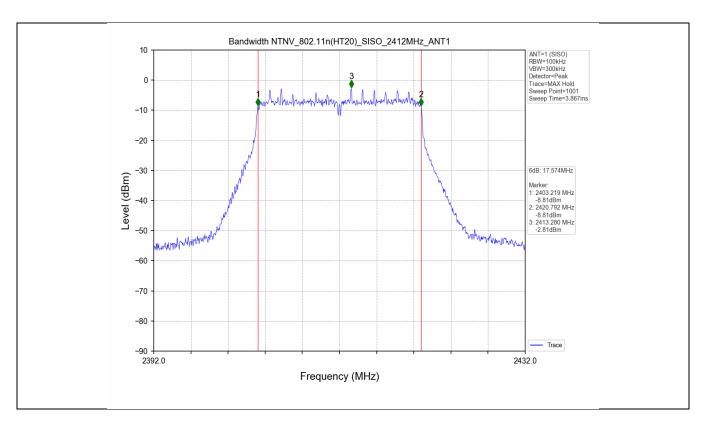




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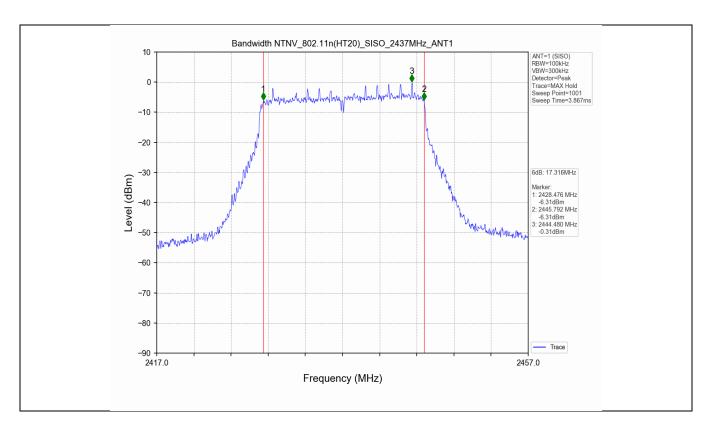




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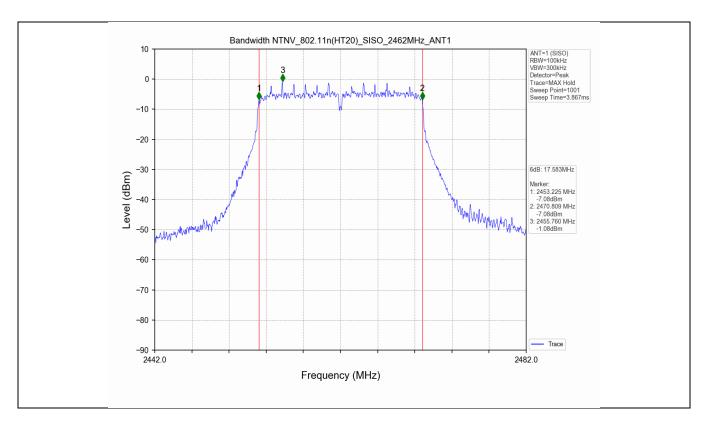




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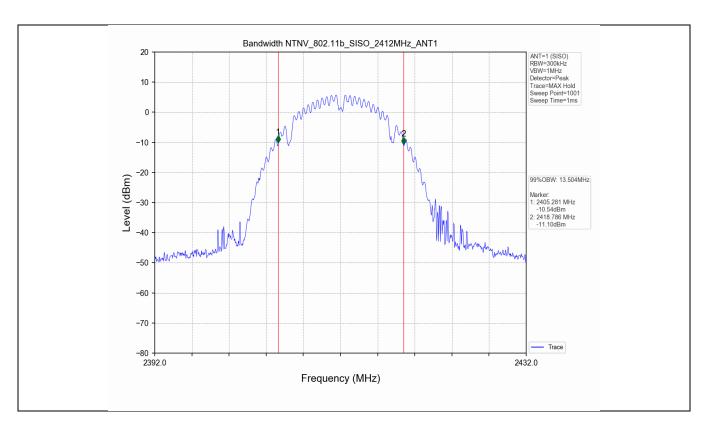
#### 2.3 Test Graph - 99% Occupied Bandwidth



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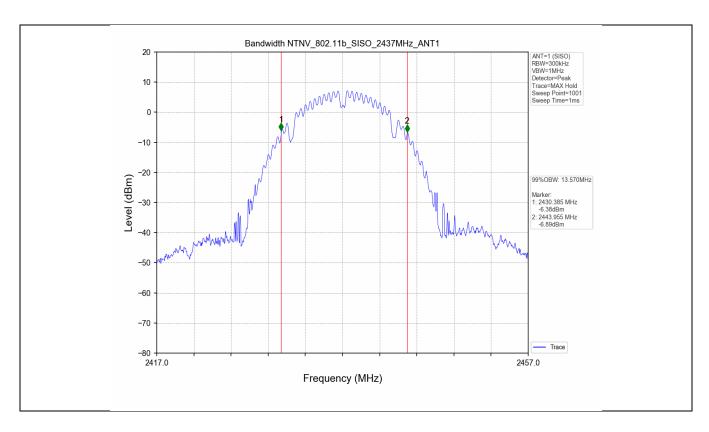




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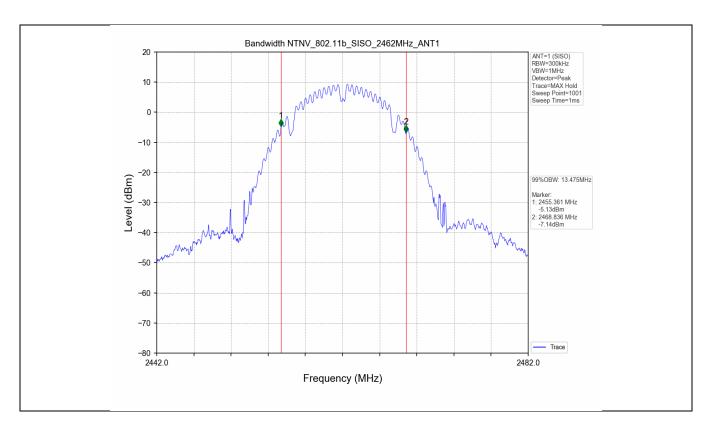




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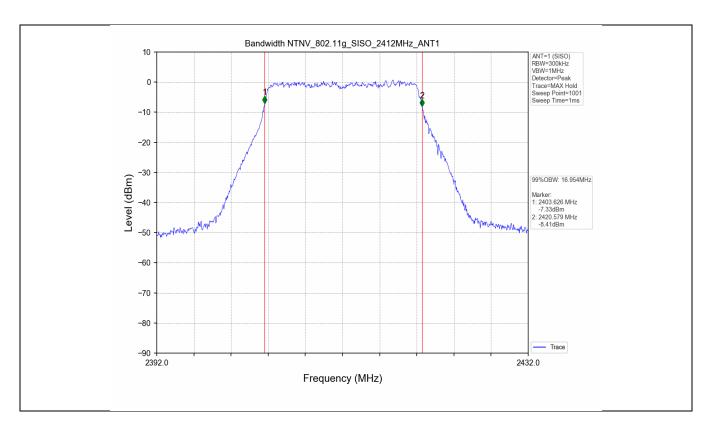




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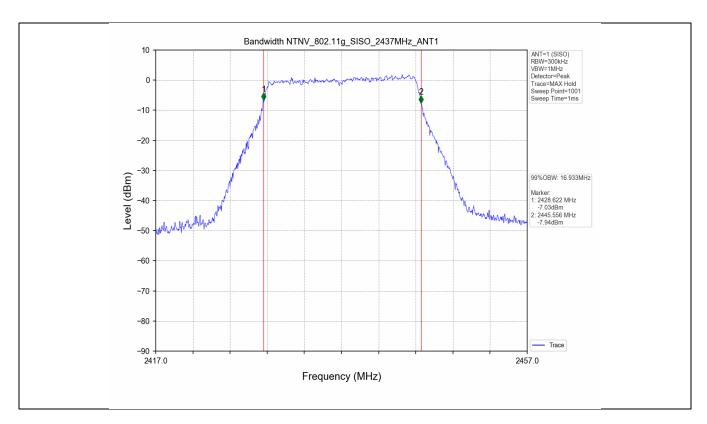




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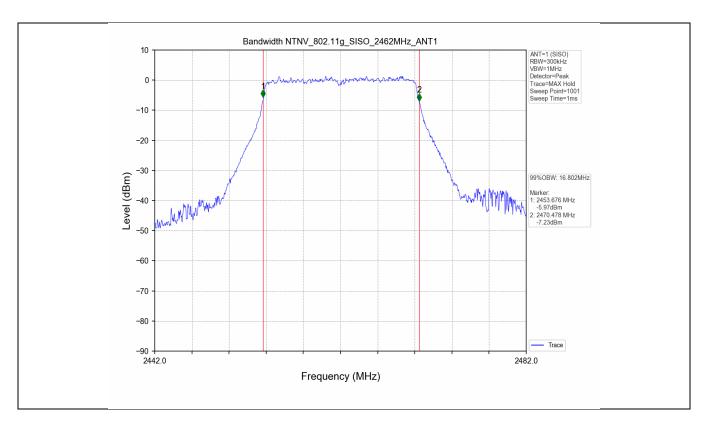




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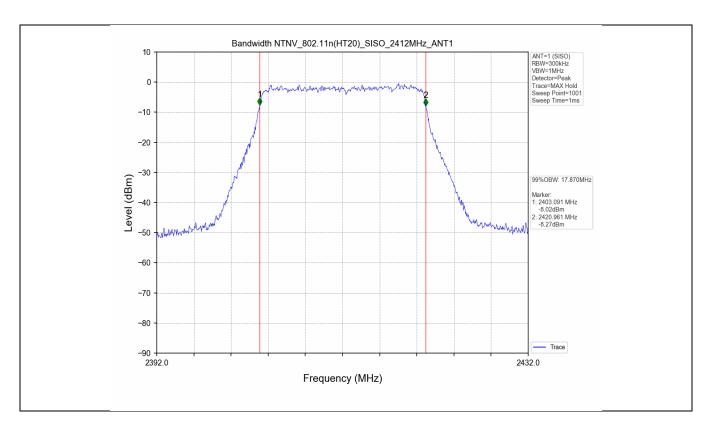




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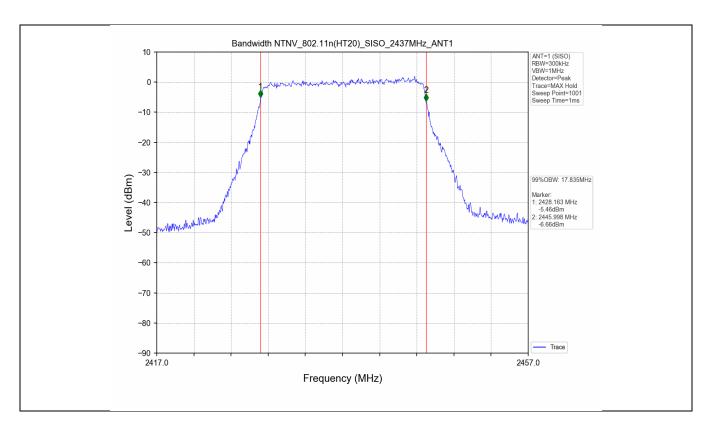




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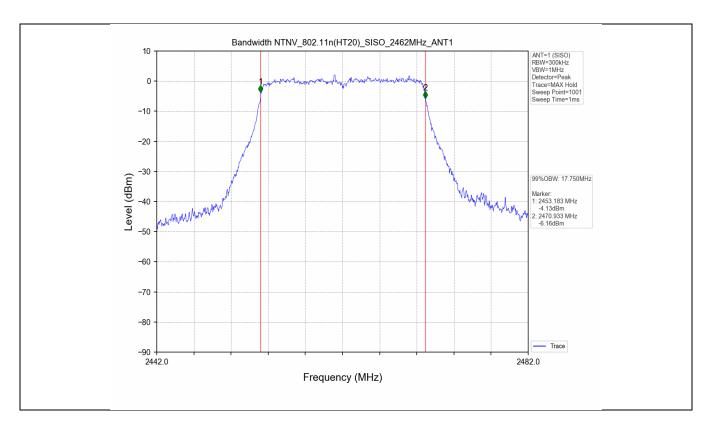




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#### 3. Maximum Conducted Output Power

#### 3.1 Test Result

Test Mode	Frequency (MHz)	Тх Туре	Measured Peak Output Power (dBm) Ant 1	Limits (dBm)	Verdict
	2412	SISO	16.58	30	PASS
802.11b	2437	SISO	17.77	30	PASS
	2462	SISO	18.09	30	PASS
802.11g	2412	SISO	17.15	30	PASS
	2437	SISO	18.02	30	PASS
	2462	SISO	17.86	30	PASS
802.11n(HT20)	2412	SISO	18.06	30	PASS
	2437	SISO	18.05	30	PASS
	2462	SISO	17.80	30	PASS

#### 3.2 Test Graph



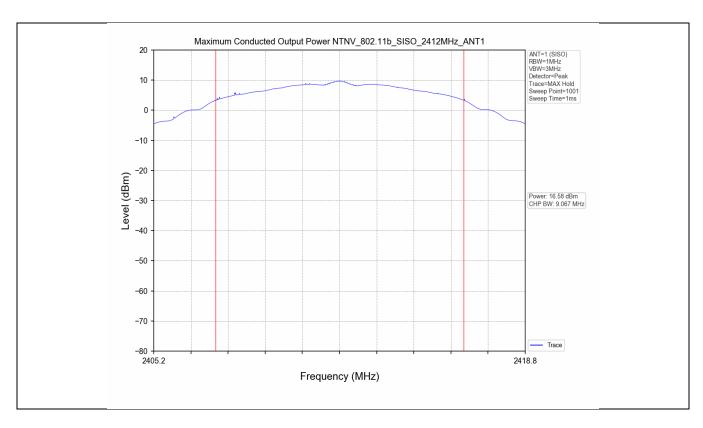
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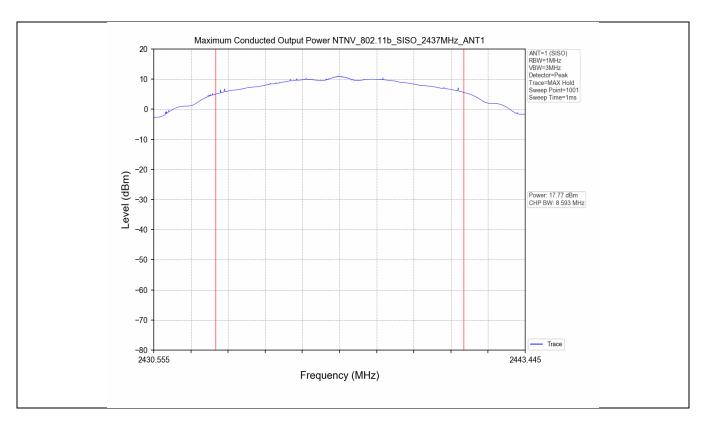




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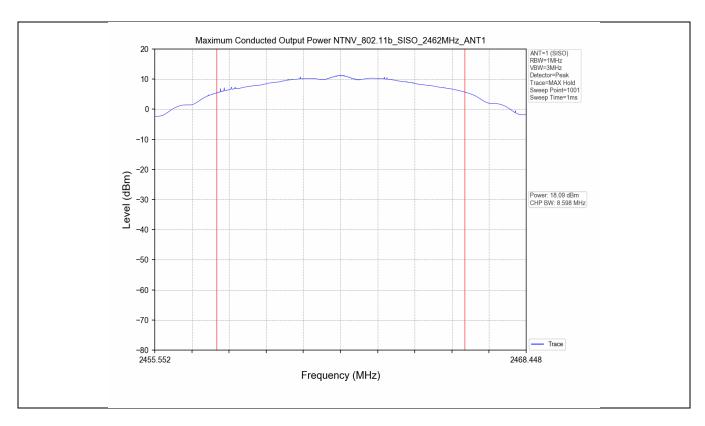




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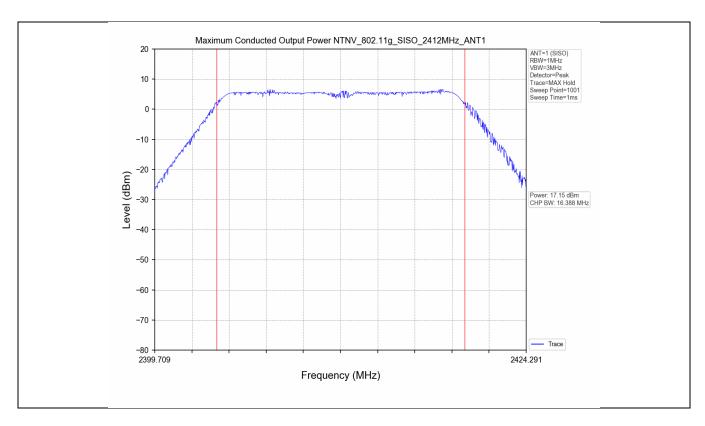




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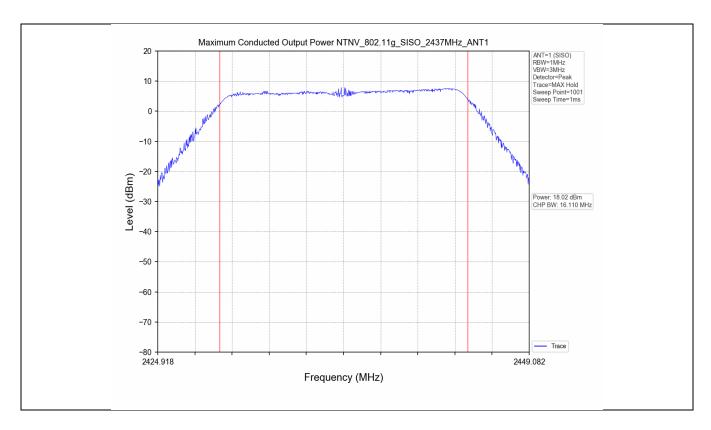




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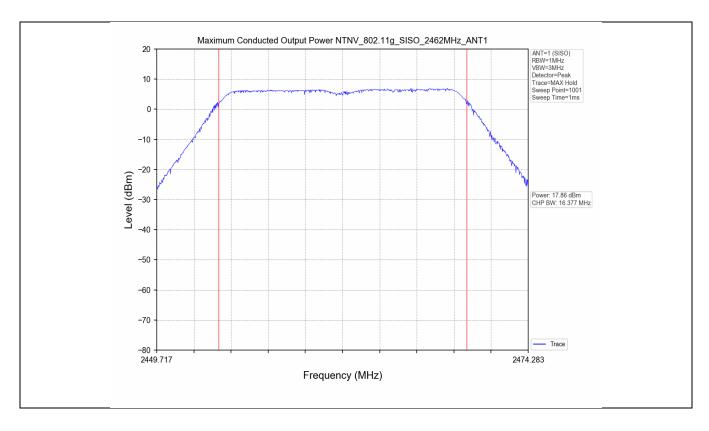




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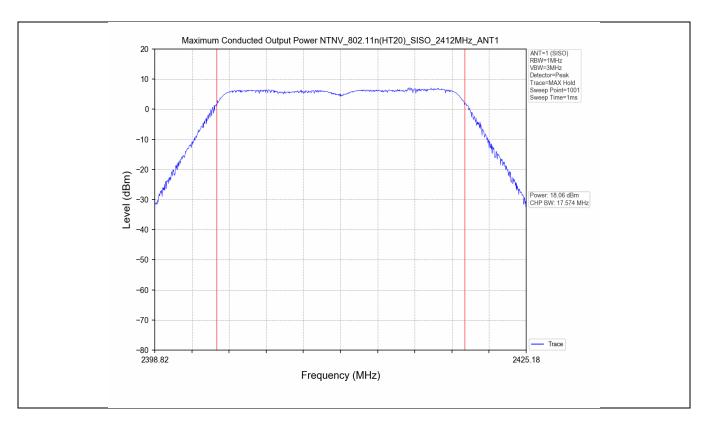




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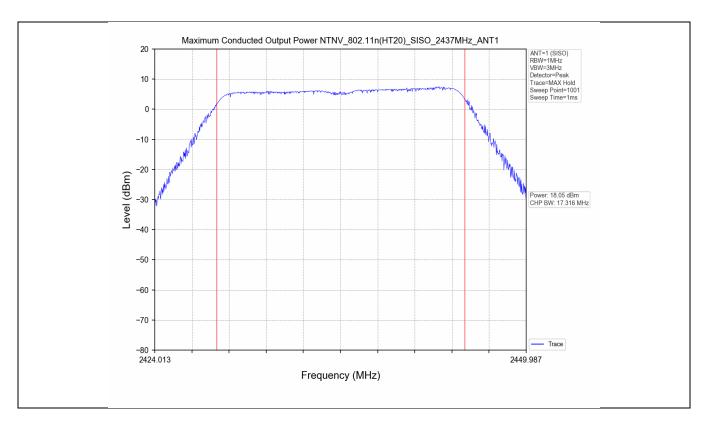




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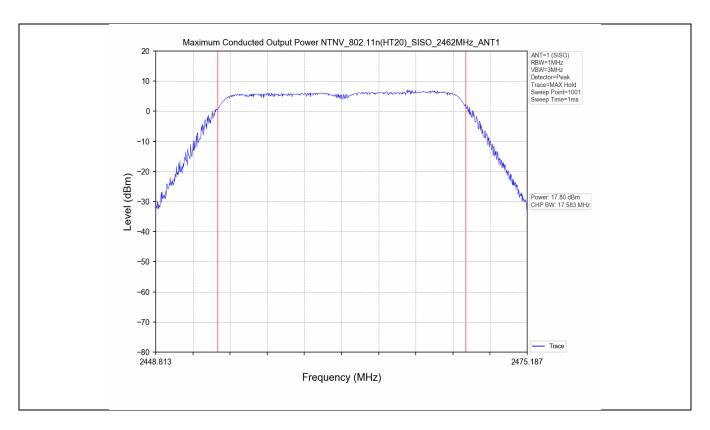




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#### 4. Maximum Power Spectral Density (PSD)

#### 4.1 Test Result

Test Mode	Frequency (MHz)	Тх Туре	Maximum Power Spectral Density (dBm/3KHz) Ant 1	Limits (dBm/3kHz)	Verdict
	2412	SISO	-9.36	≤8	PASS
802.11b	2437	SISO	-7.80	≤8	PASS
	2462	SISO	-6.97	≤8	PASS
	2412	SISO	-12.33	≤8	PASS
802.11g	2437	SISO	-11.58	≤8	PASS
	2462	SISO	-12.58	≤8	PASS
802.11n(HT20)	2412	SISO	-12.49	≤8	PASS
	2437	SISO	-10.45	≤8	PASS
	2462	SISO	-12.56	≤8	PASS

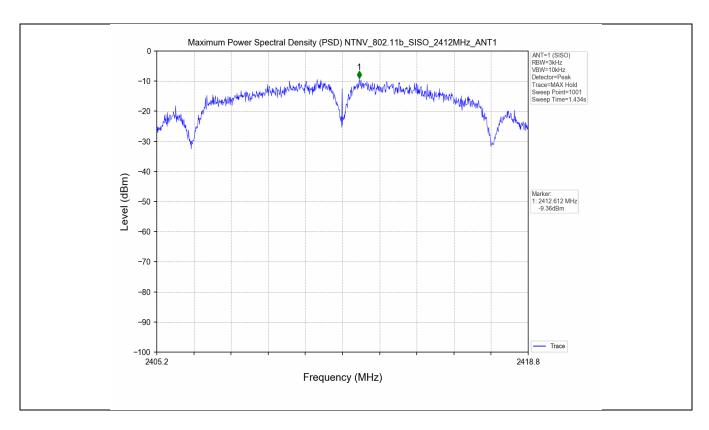
#### 4.2 Test Graph



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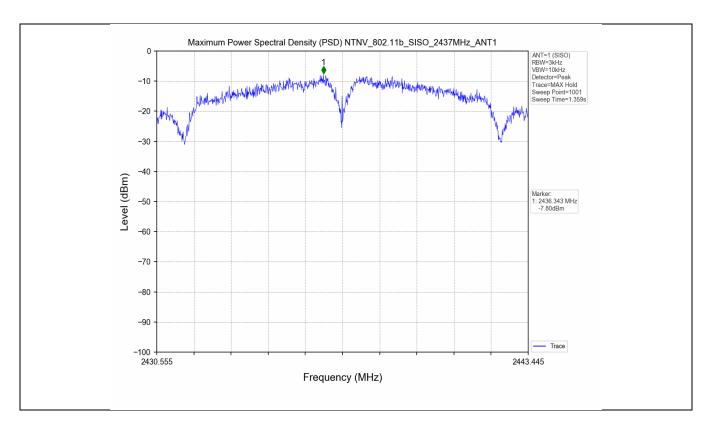


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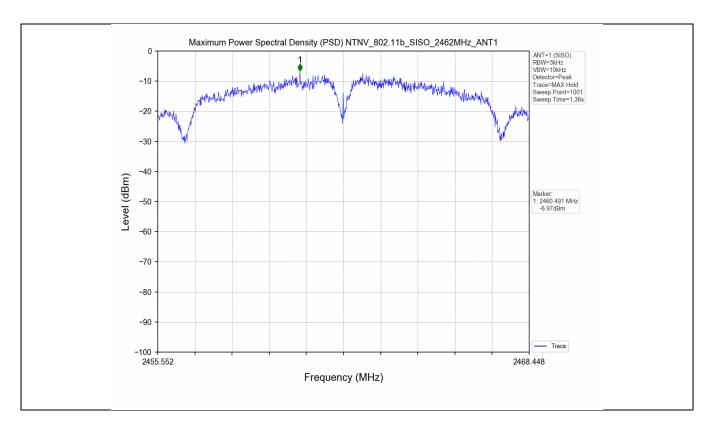




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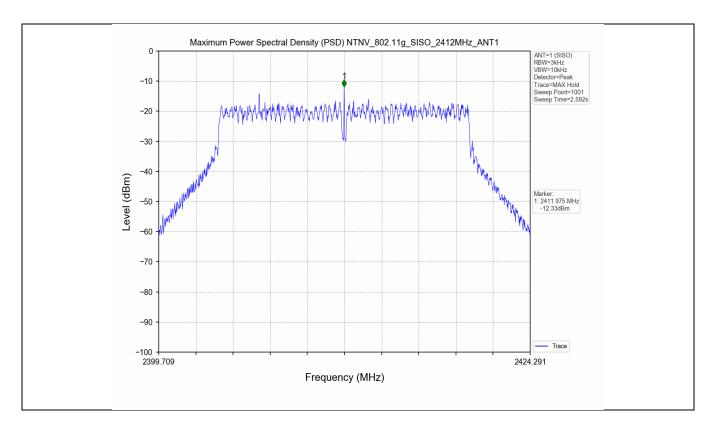




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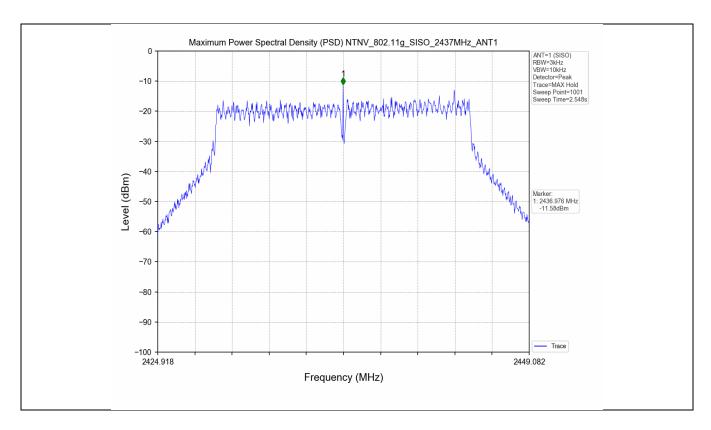




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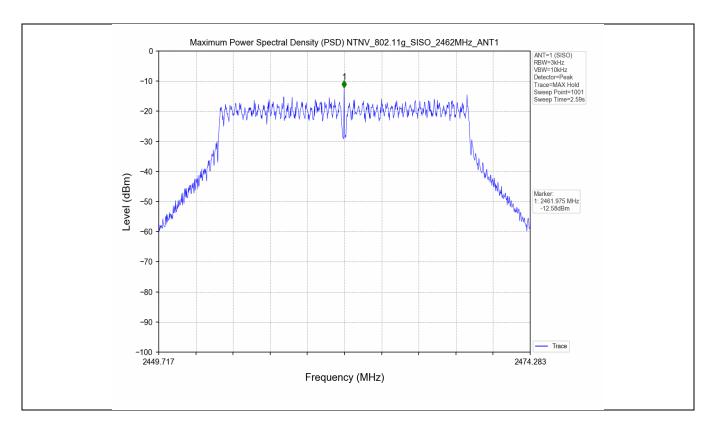




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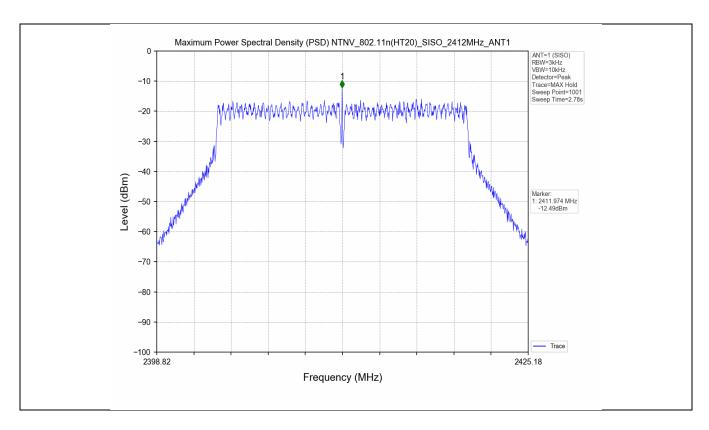


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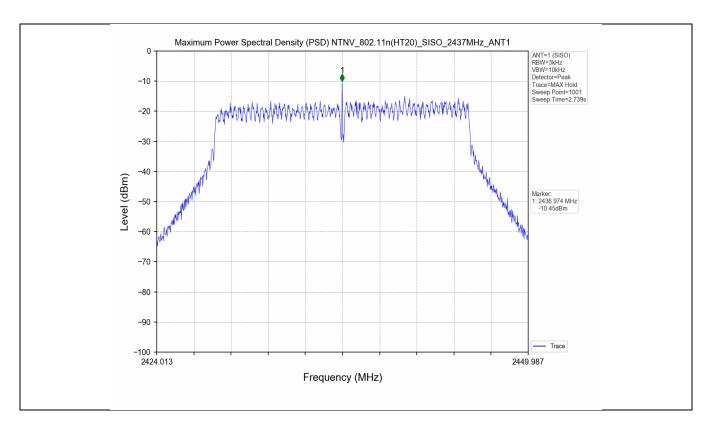




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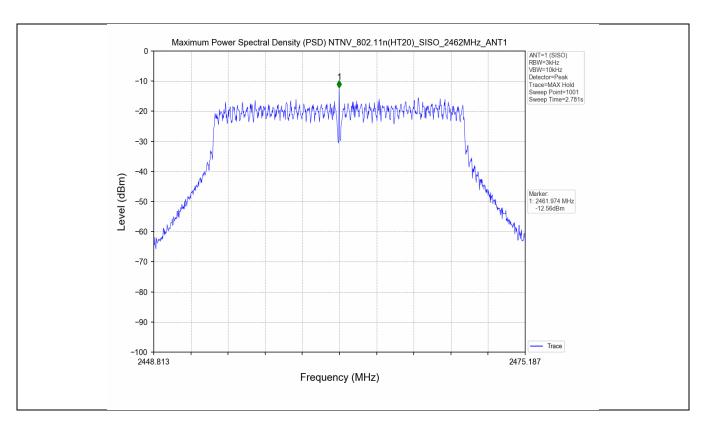




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#### 5. Unwanted Emissions in Non-restricted Frequency Bands

#### 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	-11.54	PASS
	2437	SISO	1	Refer to test graph	-11.54	PASS
	2462	SISO	1	Refer to test graph	-11.54	PASS
802.11g	2412	SISO	1	Refer to test graph	-20.29	PASS
	2437	SISO	1	Refer to test graph	-20.29	PASS
	2462	SISO	1	Refer to test graph	-20.29	PASS
802.11n(HT20)	2412	SISO	1	Refer to test graph	-20.30	PASS
	2437	SISO	1	Refer to test graph	-20.30	PASS
	2462	SISO	1	Refer to test graph	-20.30	PASS

#### 5.2 Test Graph



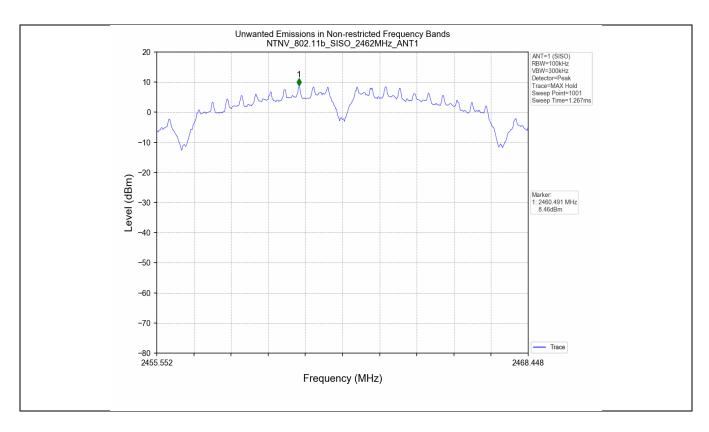
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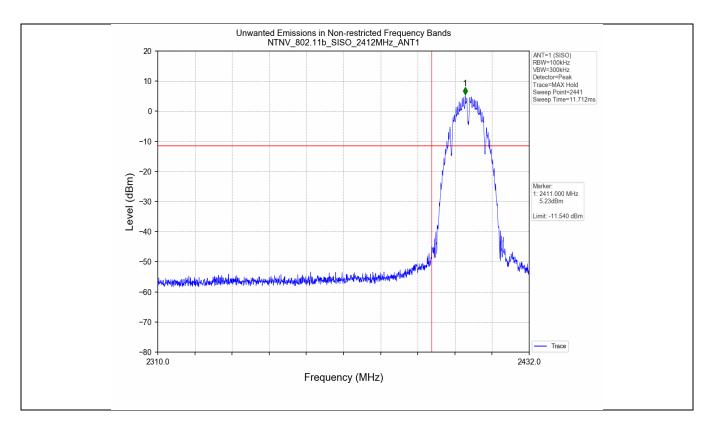




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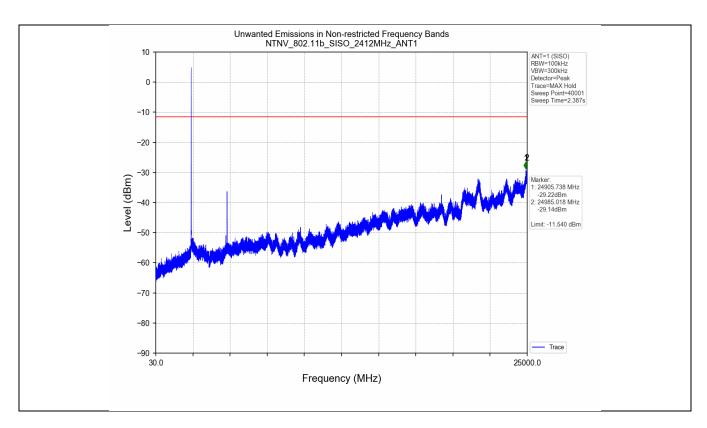




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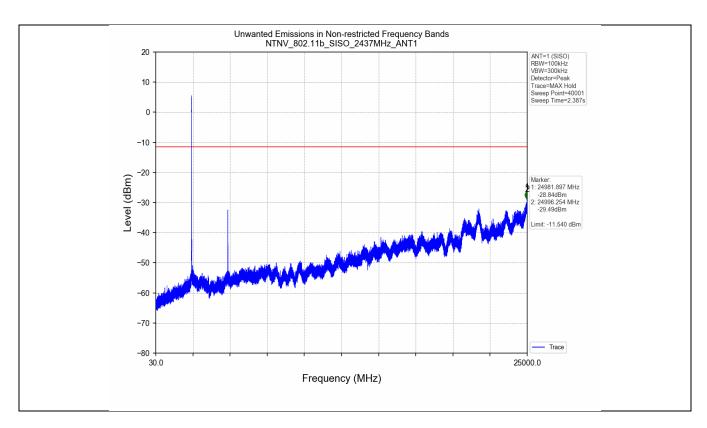




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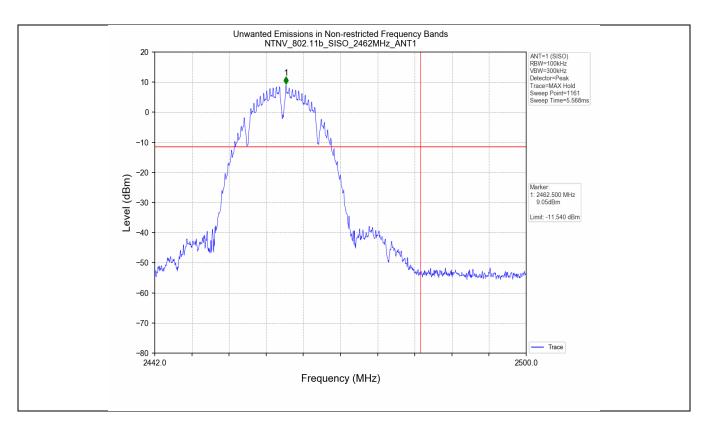




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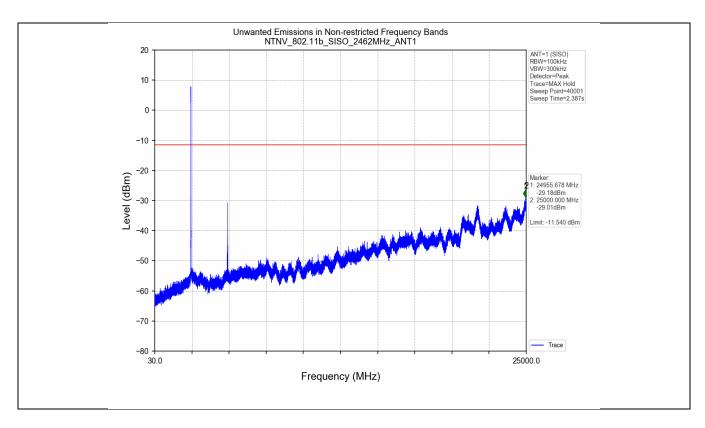




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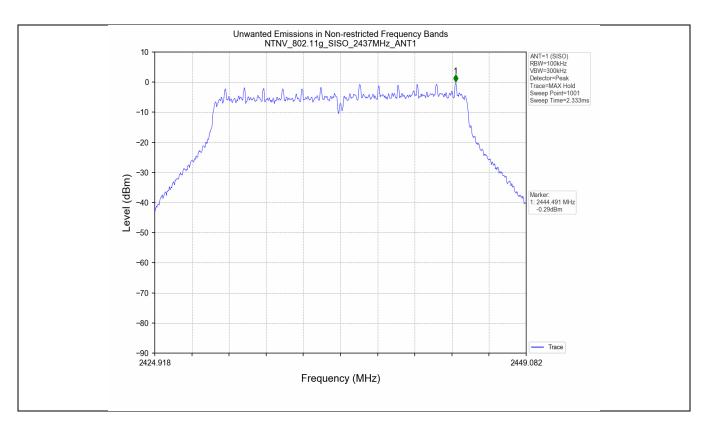




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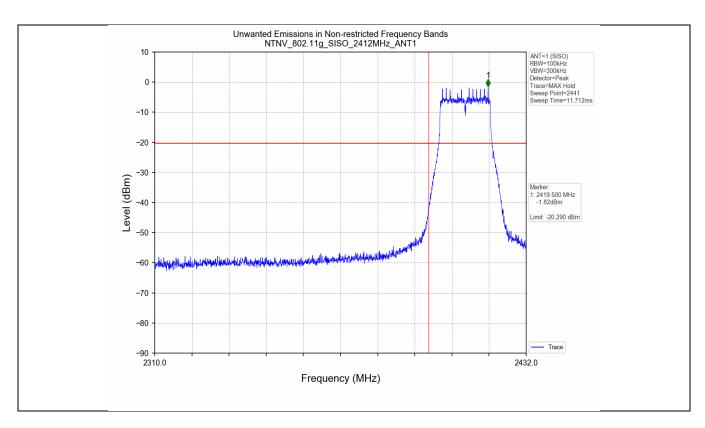




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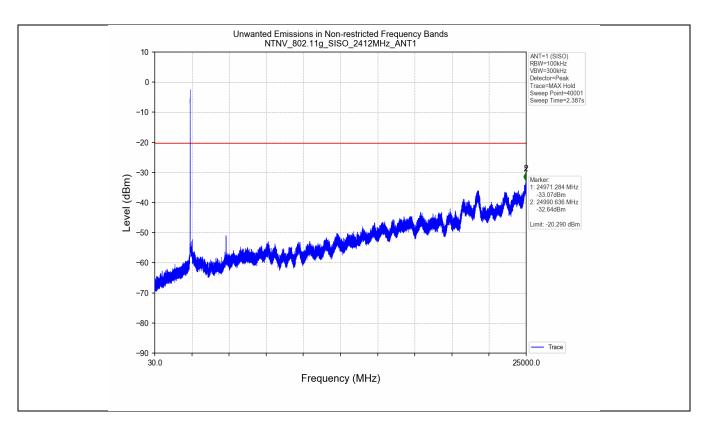




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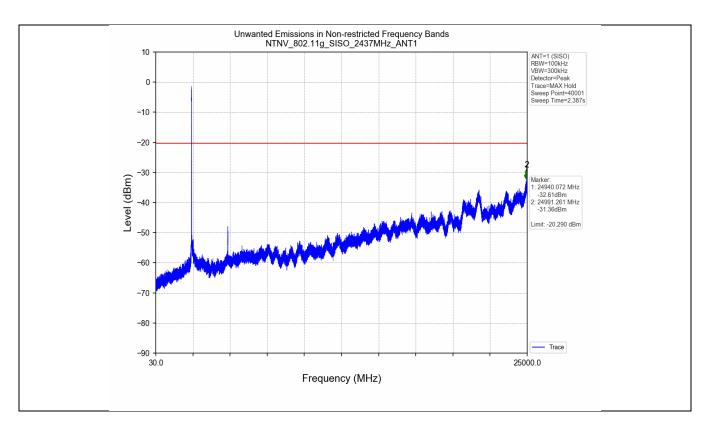




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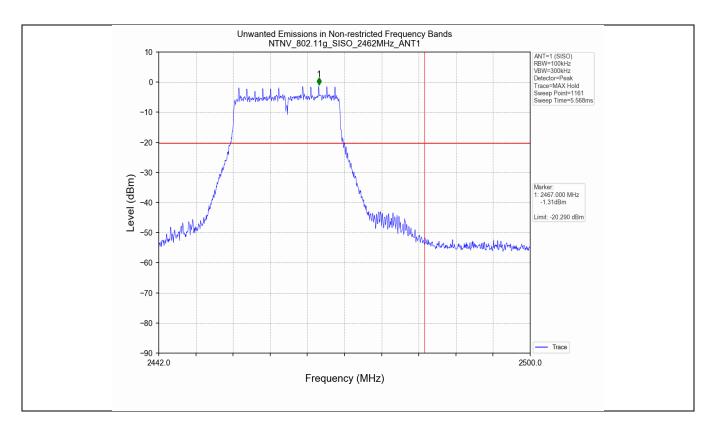




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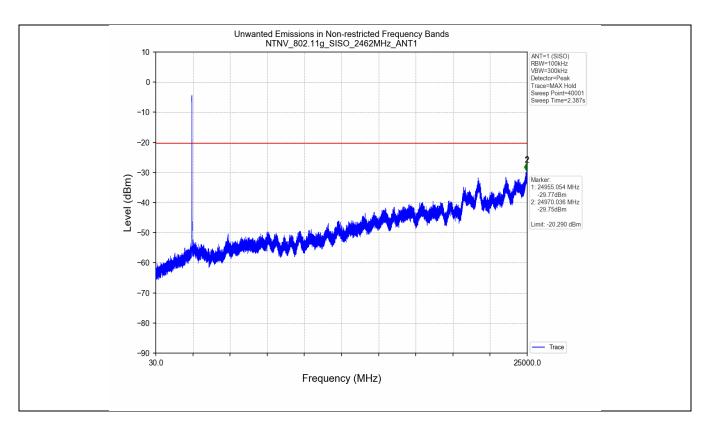




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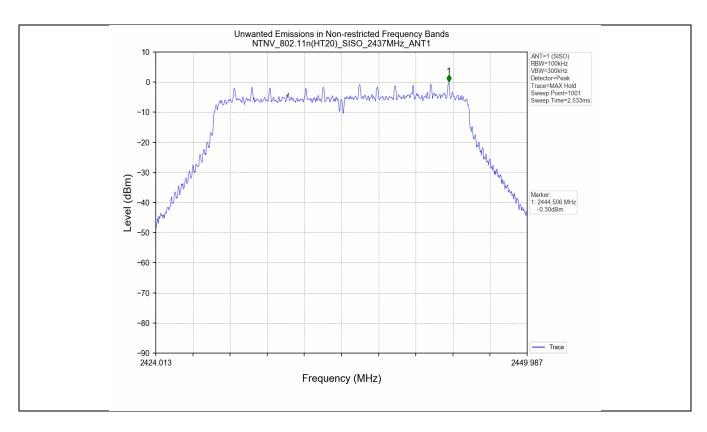




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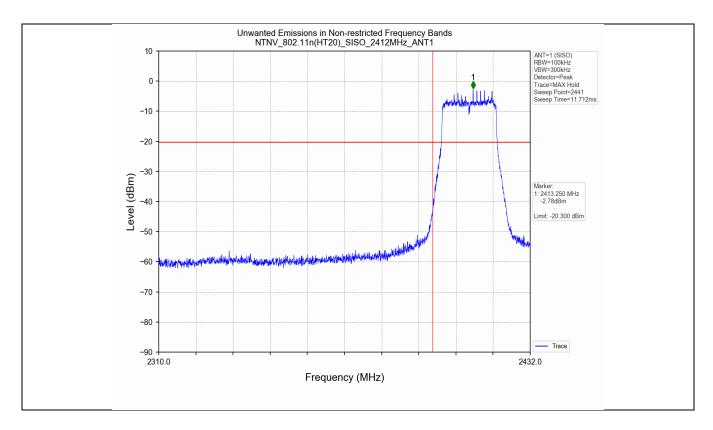




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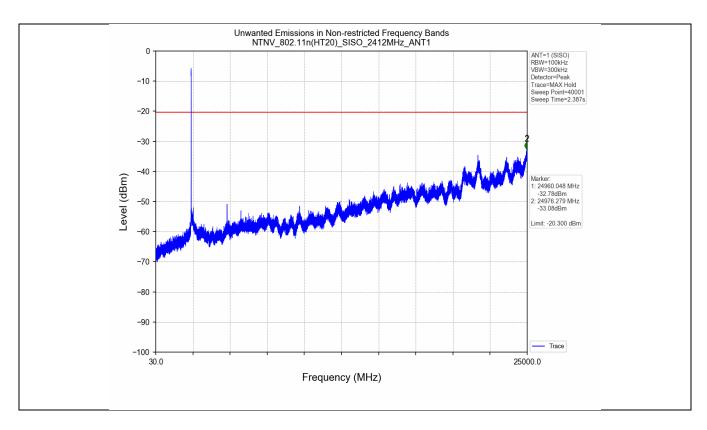




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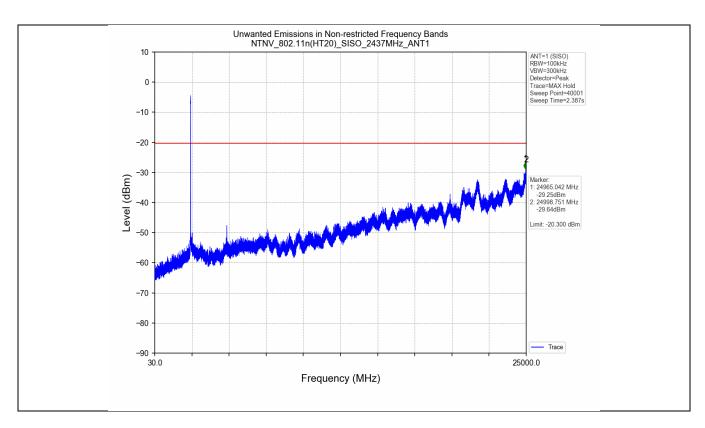




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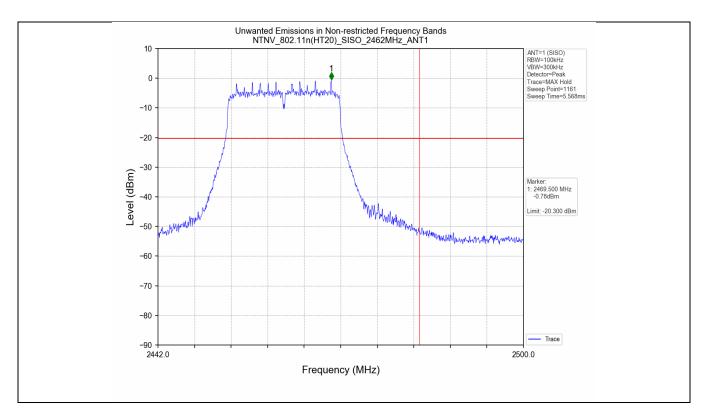




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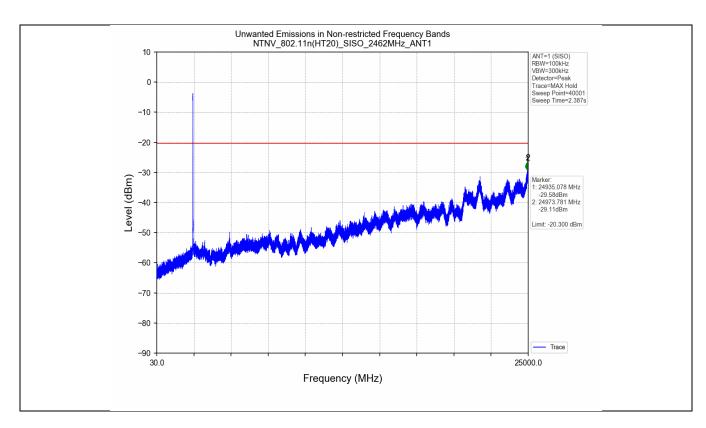




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