

Page: 1 of 16

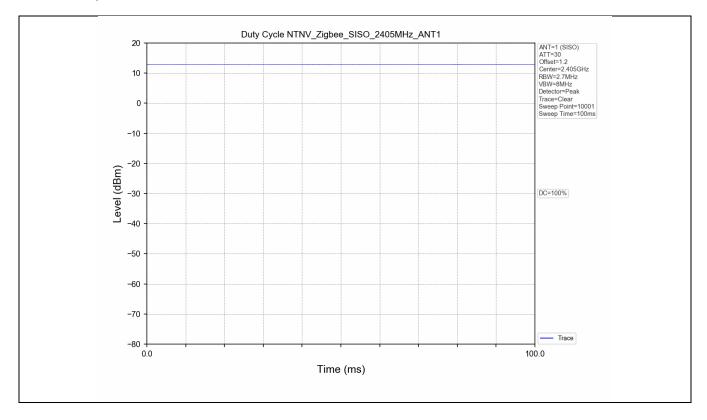
Appendix B for SHEM210600582602

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)
	2405	SISO	1	100.000	100.000	100.00	0.00
Zigbee	2440	SISO	1	100.000	100.000	100.00	0.00
	2480	SISO	1	100.000	100.000	100.00	0.00

1.2 Test Graph



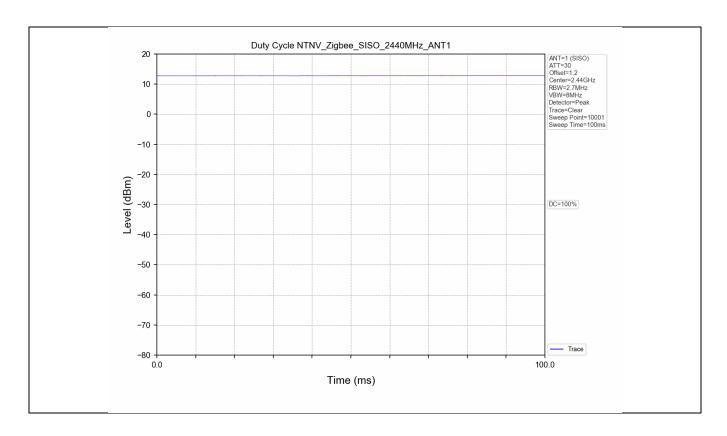


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Page: 2 of 16





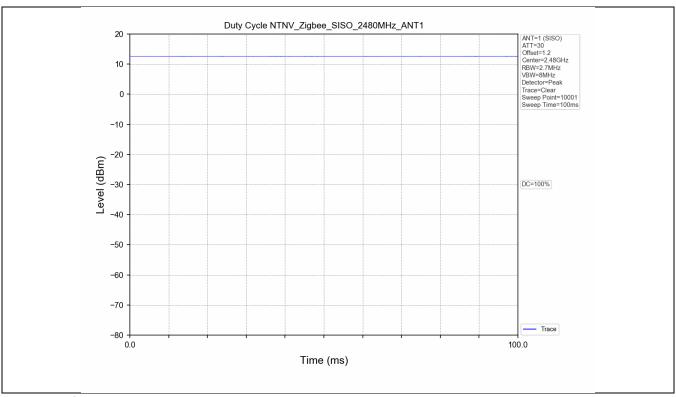
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Page: 3 of 16



2. Bandwidth

2.1 Test Result

Test Mode	Frequency	ТХ Туре	ANT No.	6dB Bai	Vardiet	
	(MHz)			Test Result (MHz)	Limits (MHz)	Verdict
	2405	SISO	1	1.728	≥0.5	PASS
Zigbee	2440	SISO	1	1.807	≥0.5	PASS
	2480	SISO	1	1.664	≥0.5	PASS

Test Mode	Frequency	TX Type	ANT No.	99% Occupied Bandwidth		
	(MHz)			Test Result (MHz)		
Zigbee	2405	SISO	1	2.338	Only for Report Use	
	2440	SISO	1	2.339	Only for Report Use	
	2480	SISO	1	2.339	Only for Report Use	

2.2 Test Graph - 6dB Bandwidth

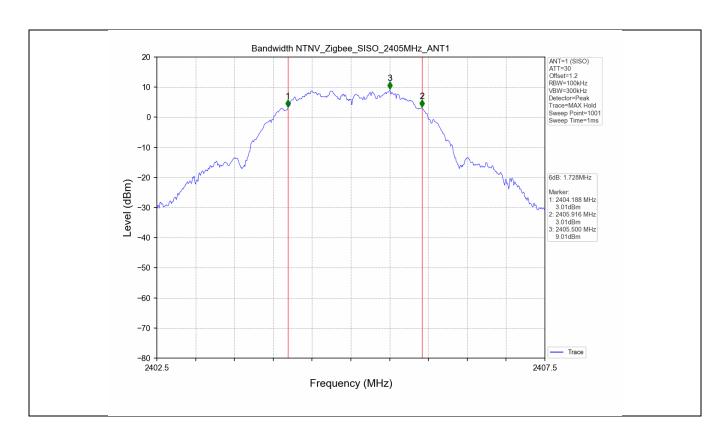


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Page: 4 of 16





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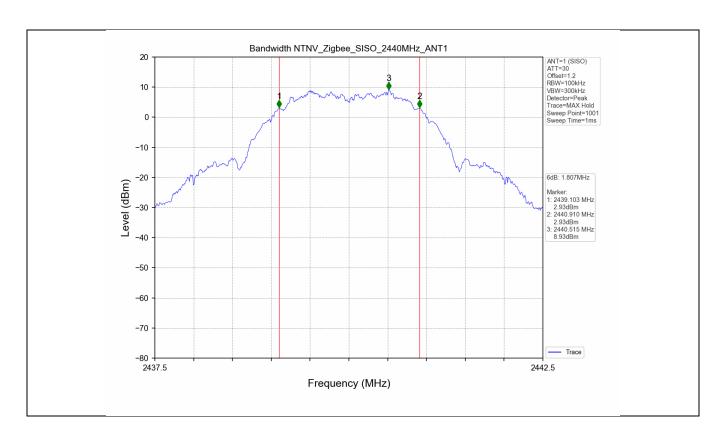
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Page: 5 of 16





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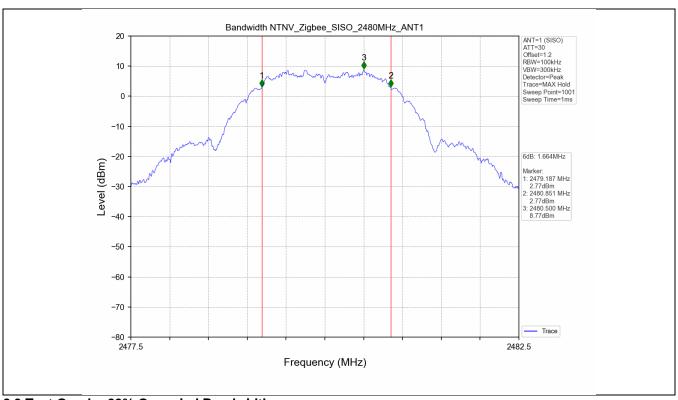
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Page: 6 of 16



2.3 Test Graph - 99% Occupied Bandwidth



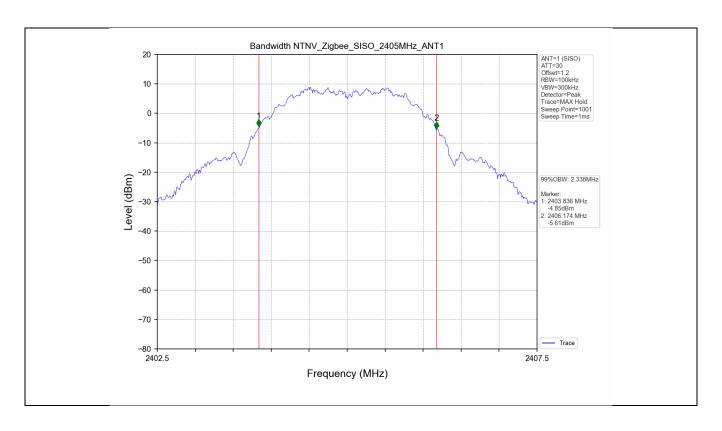
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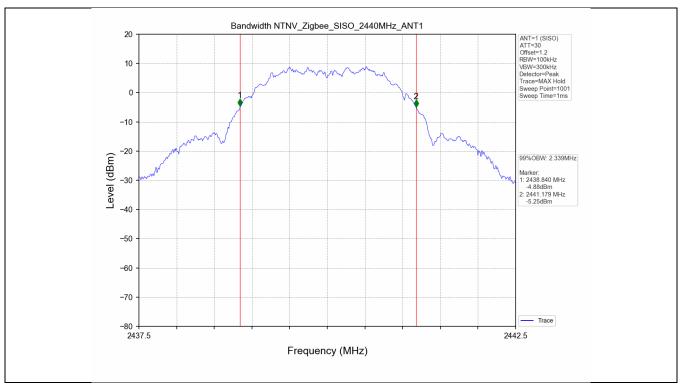
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Page: 7 of 16





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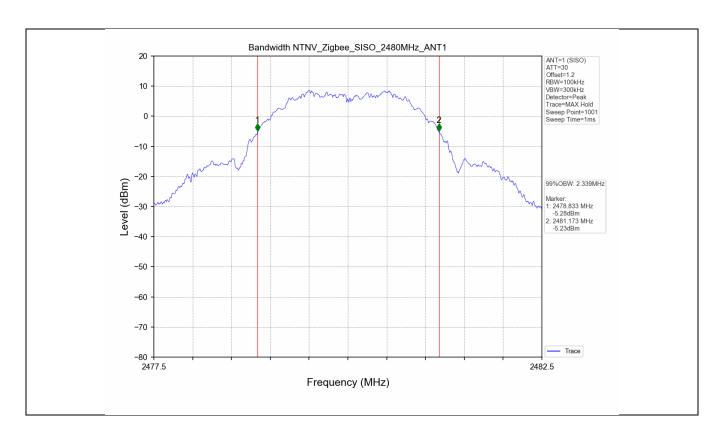
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Page: 8 of 16



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
Zigbee	2405	SISO	12.89	30	PASS
	2440	SISO	12.87	30	PASS
	2480	SISO	12.67	30	PASS

3.2 Test Graph



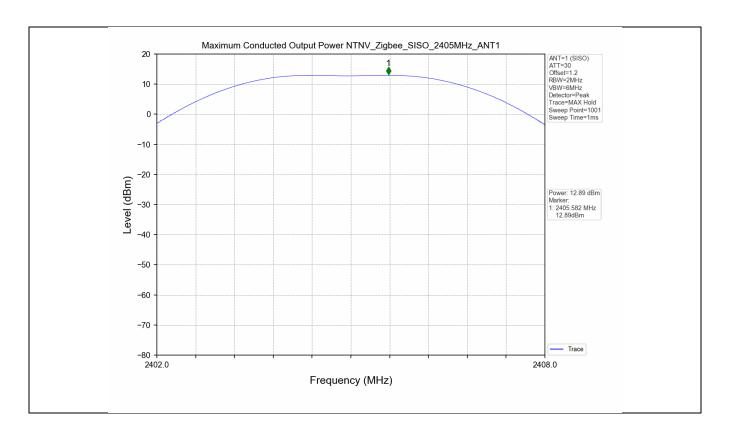
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Page: 9 of 16



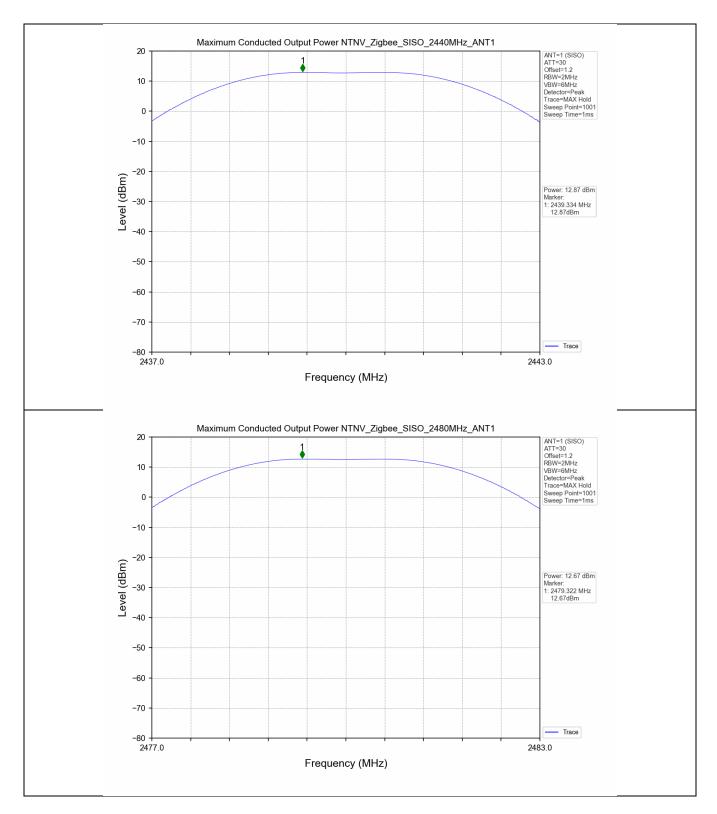


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Page: 10 of 16





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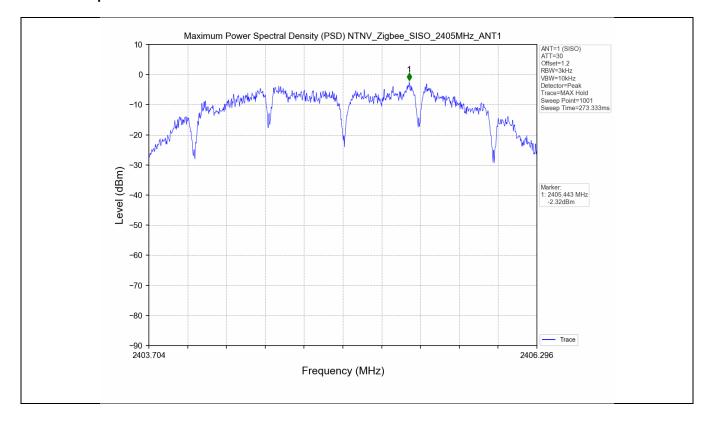
Page: 11 of 16

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
	2405	SISO	-2.32	≤8	PASS
Zigbee	2440	SISO	-3.46	≤8	PASS
	2480	SISO	-3.26	≤8	PASS

4.2 Test Graph



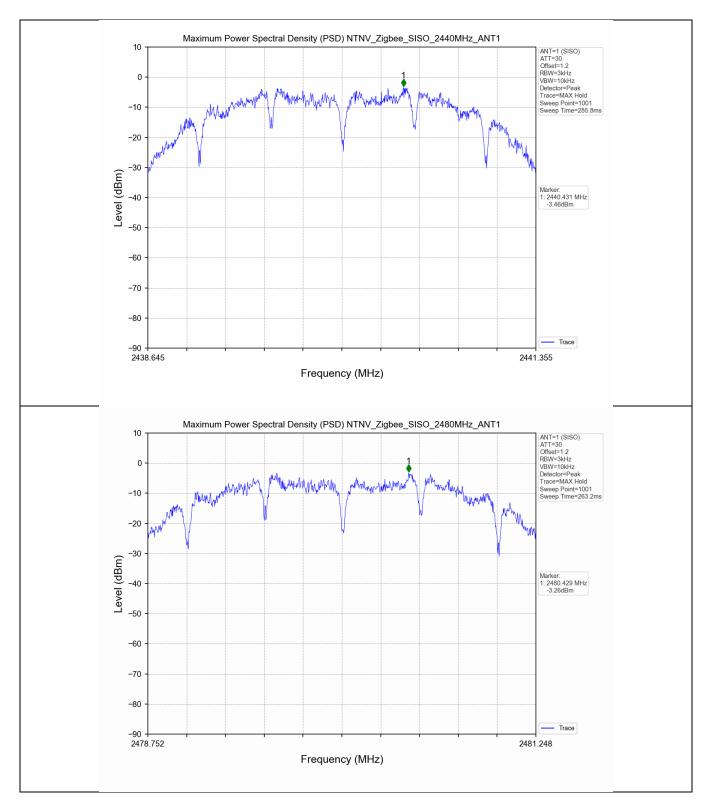


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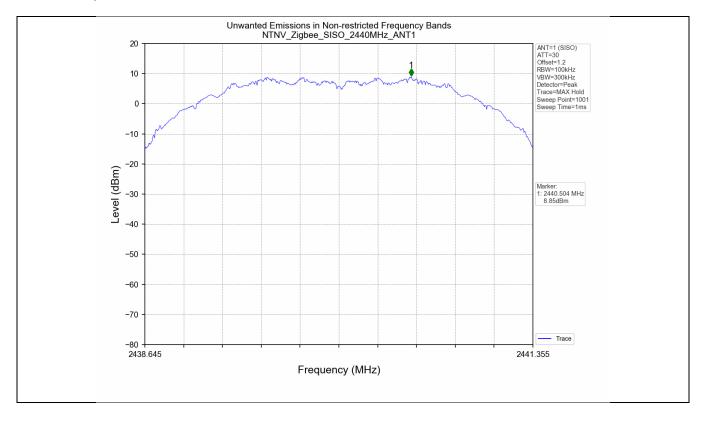
Page: 13 of 16

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
Zigbee	2405	SISO	1	Refer to test graph	-11.15	PASS
	2440	SISO	1	Refer to test graph	-11.15	PASS
	2480	SISO	1	Refer to test graph	-11.15	PASS

5.2 Test Graph



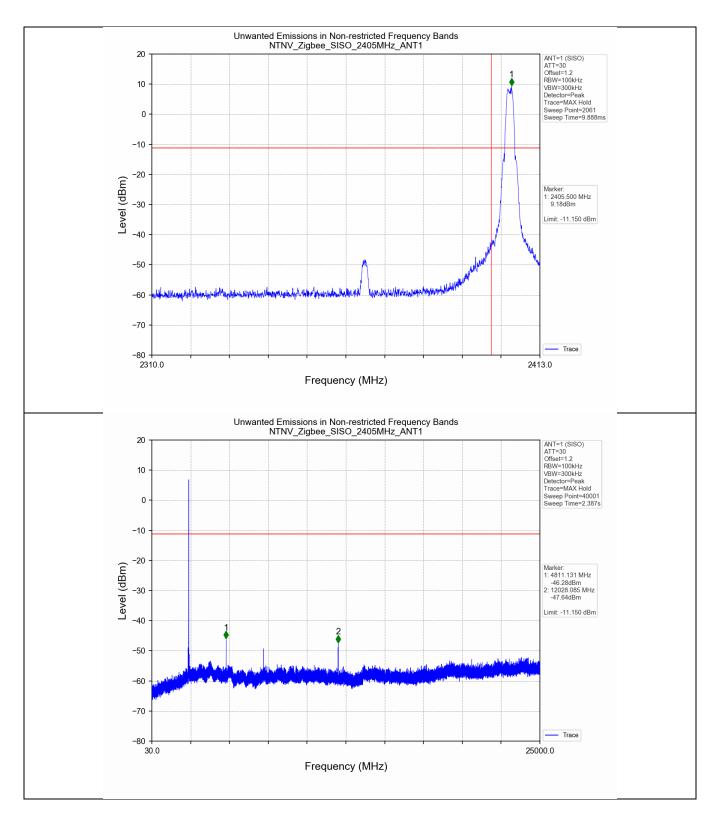


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Page: 14 of 16





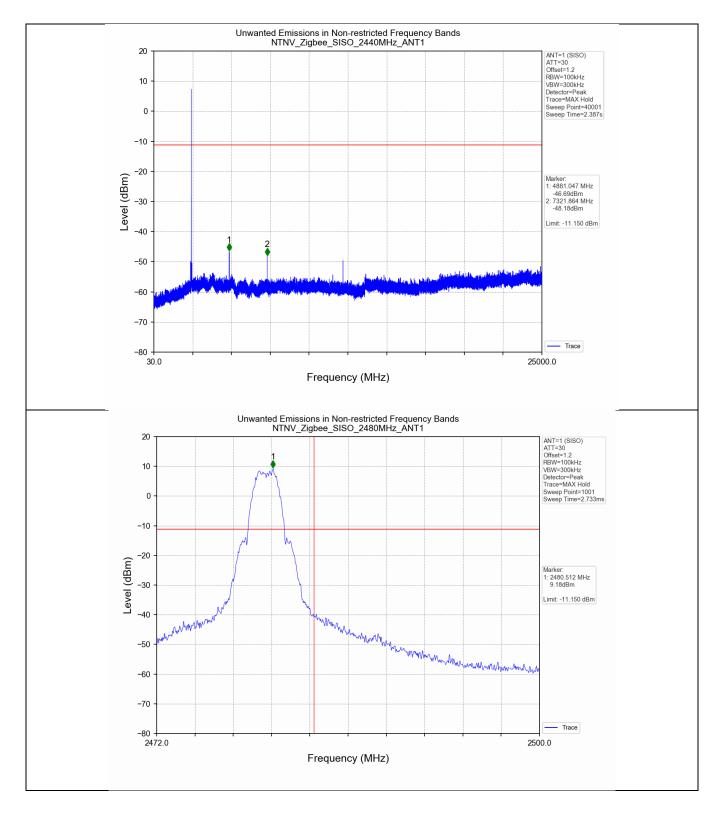
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Page: 15 of 16





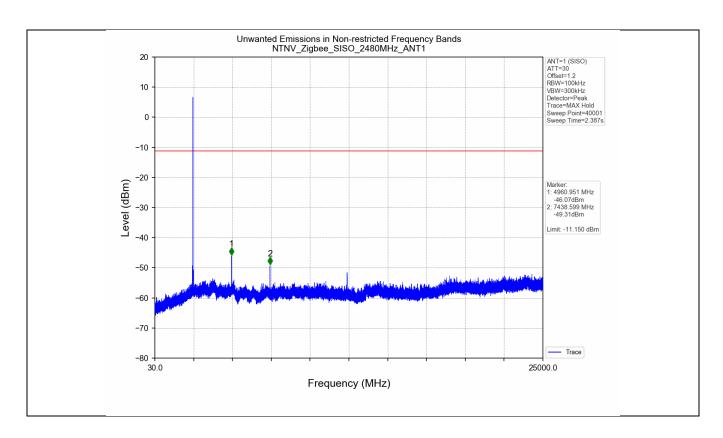
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