



Appendix B for CKSEM1909000508CR

Power level setting using in test:

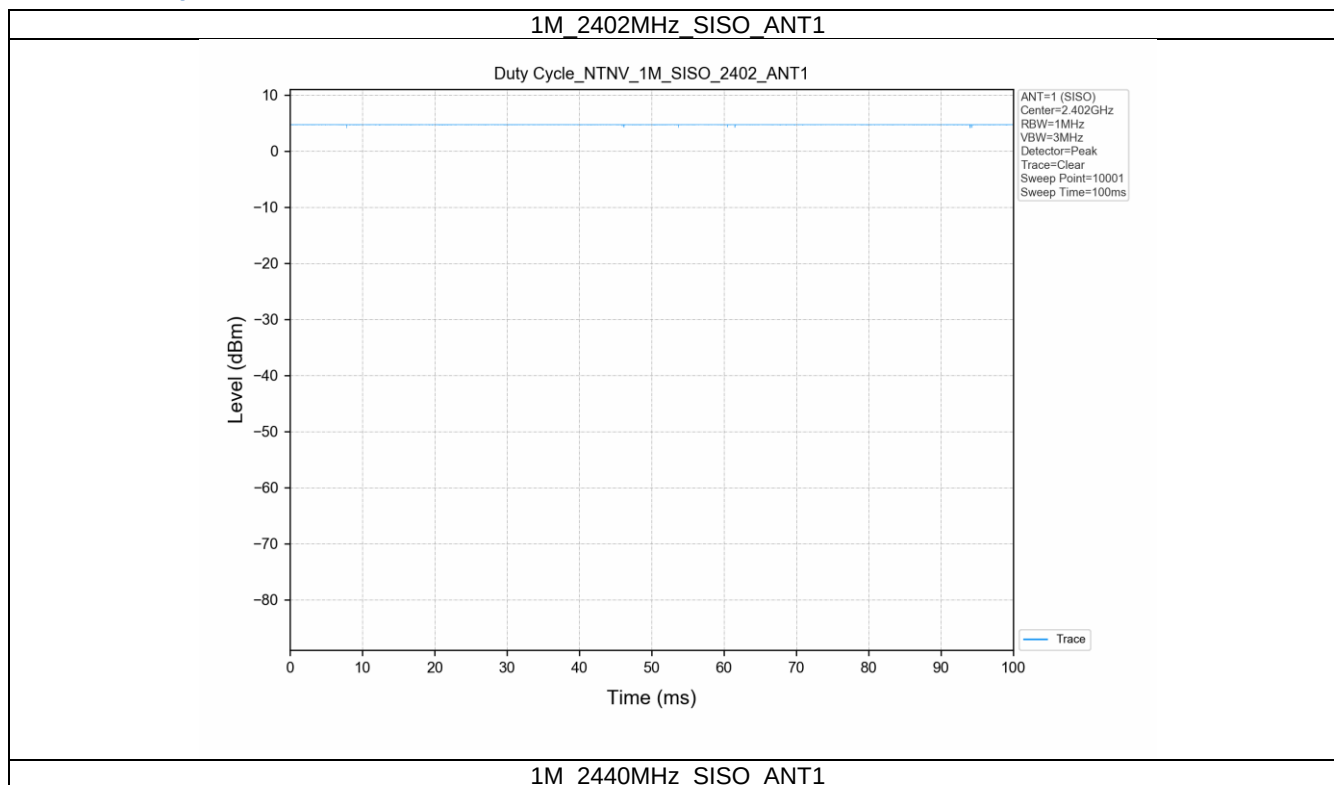
Channel	BLE
0	5
19	5
39	5

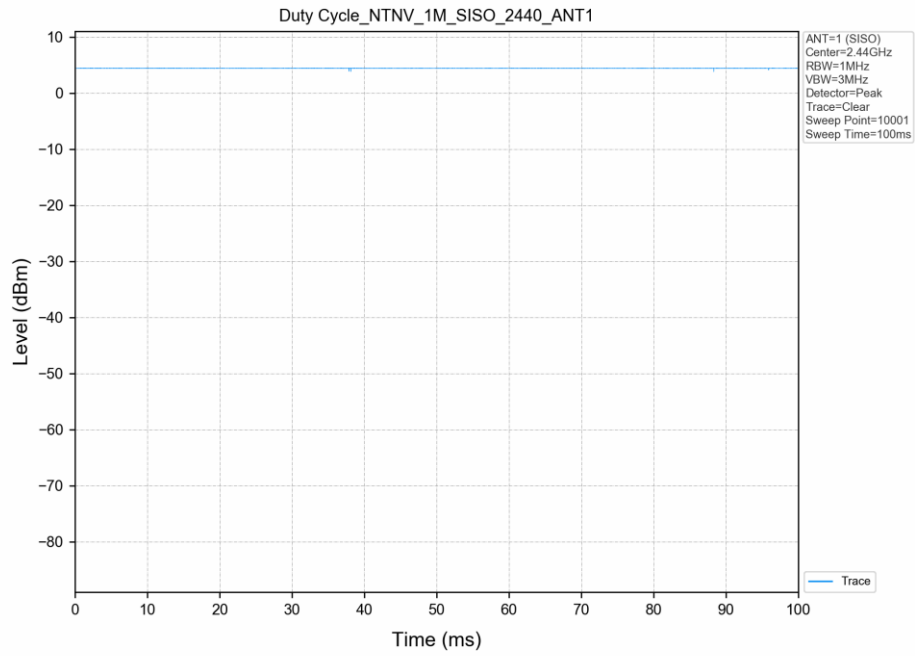
1. Duty Cycle

1.1 Test Result

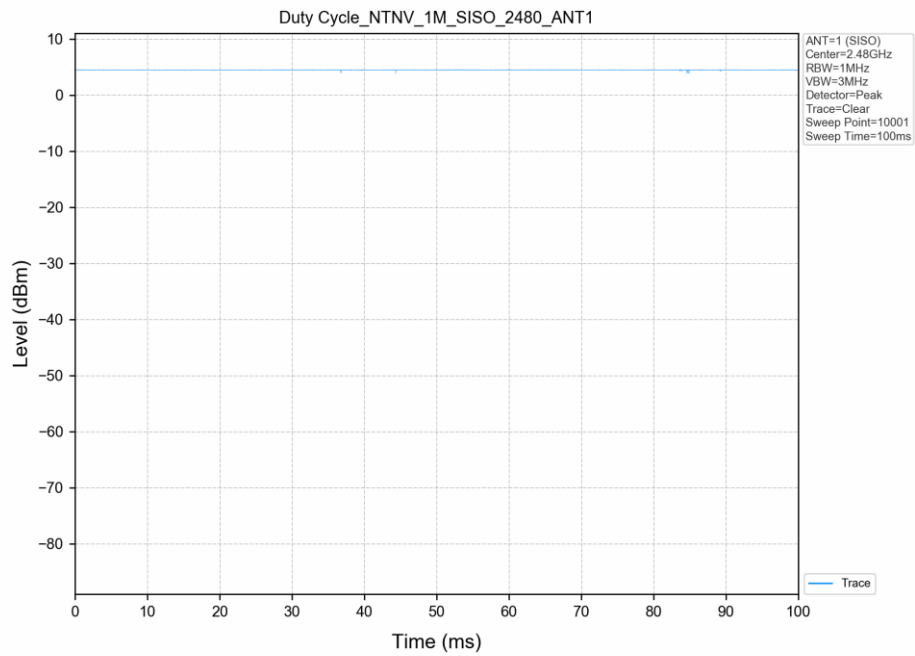
Test Mode	Channel Frequency(MHz)	TX Type	ANT No.	T_on (ms)	Period (ms)	Duty Cycle (%)	Duty Cycle Correction Factor (dB)
1M	2402	SISO	1	100.000	100.000	100.00	0.00
	2440	SISO	1	100.000	100.000	100.00	0.00
	2480	SISO	1	100.000	100.000	100.00	0.00

1.2 Test Graph





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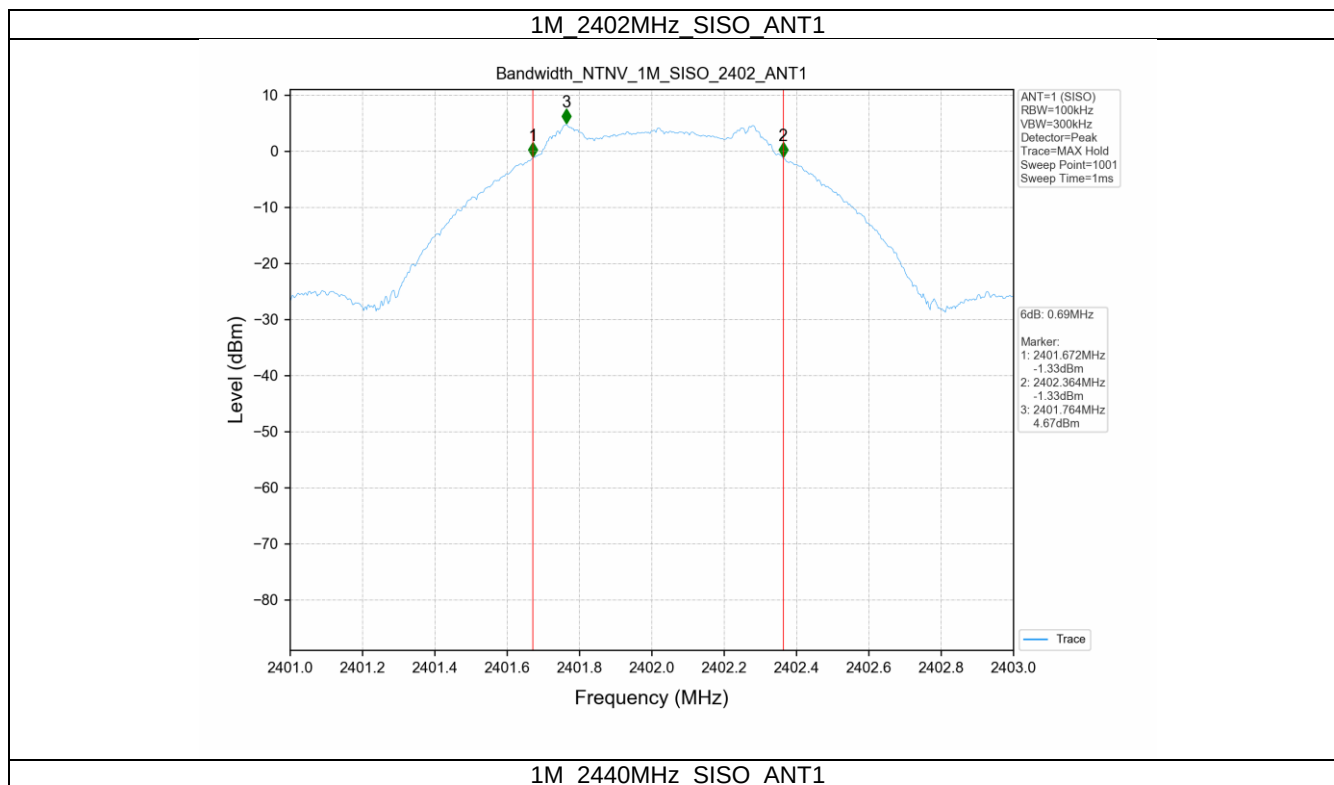
2. Bandwidth

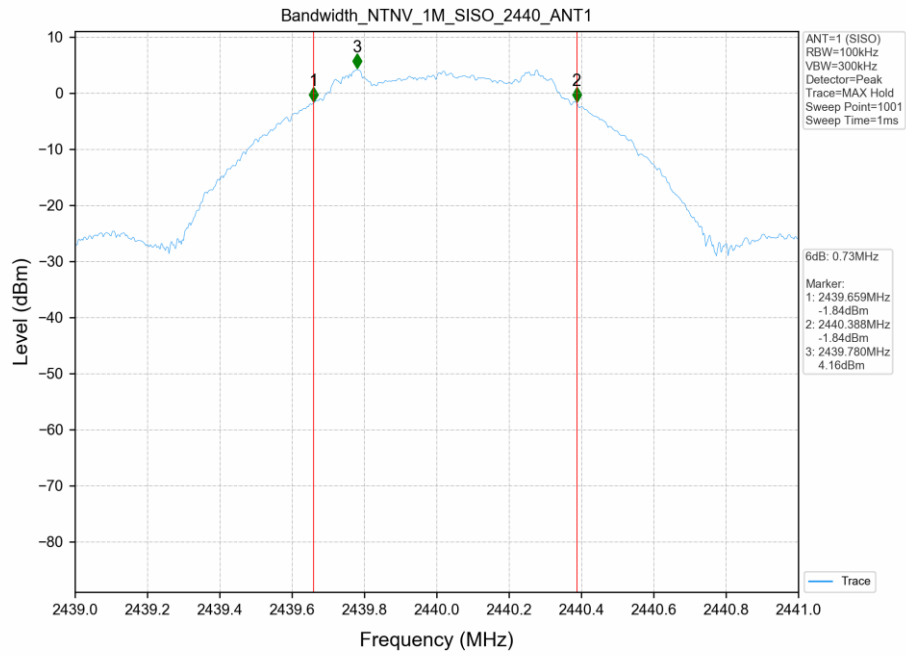
2.1 Test Result

Test Mode	Frequency (MHz)	TX Type	ANT No.	6dB Bandwidth		Verdict
				Test Result (MHz)	Limits (MHz)	
1M	2402	SISO	1	0.690	≥0.5	PASS
	2440	SISO	1	0.730	≥0.5	PASS
	2480	SISO	1	0.740	≥0.5	PASS

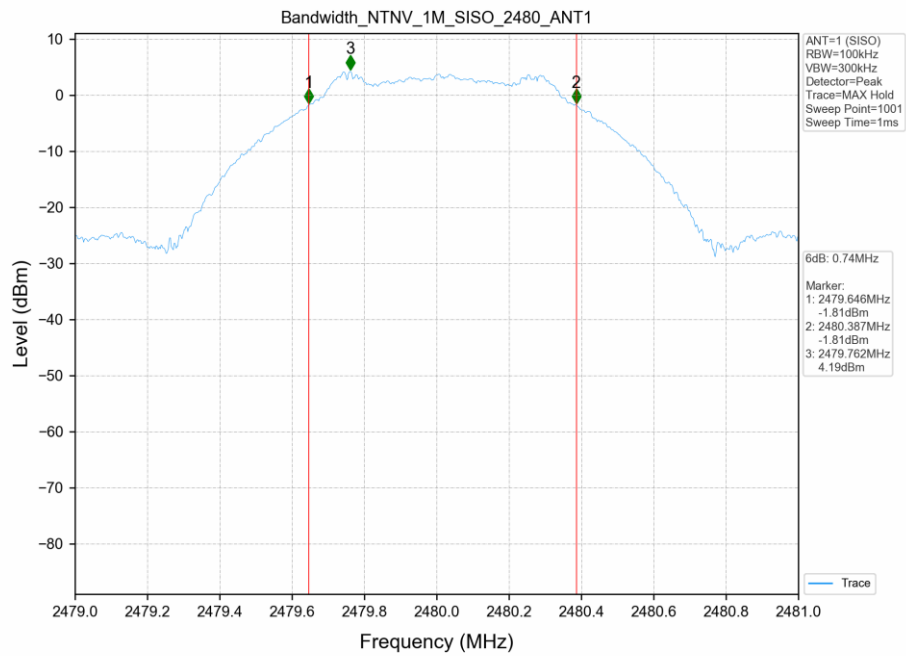
Test Mode	Frequency (MHz)	TX Type	ANT No.	99% Occupied Bandwidth	
				Test Result (MHz)	
1M	2402	SISO	1	1.040	Only for Report Use
	2440	SISO	1	1.050	Only for Report Use
	2480	SISO	1	1.060	Only for Report Use

2.2 Test Graph - 6dB Bandwidth

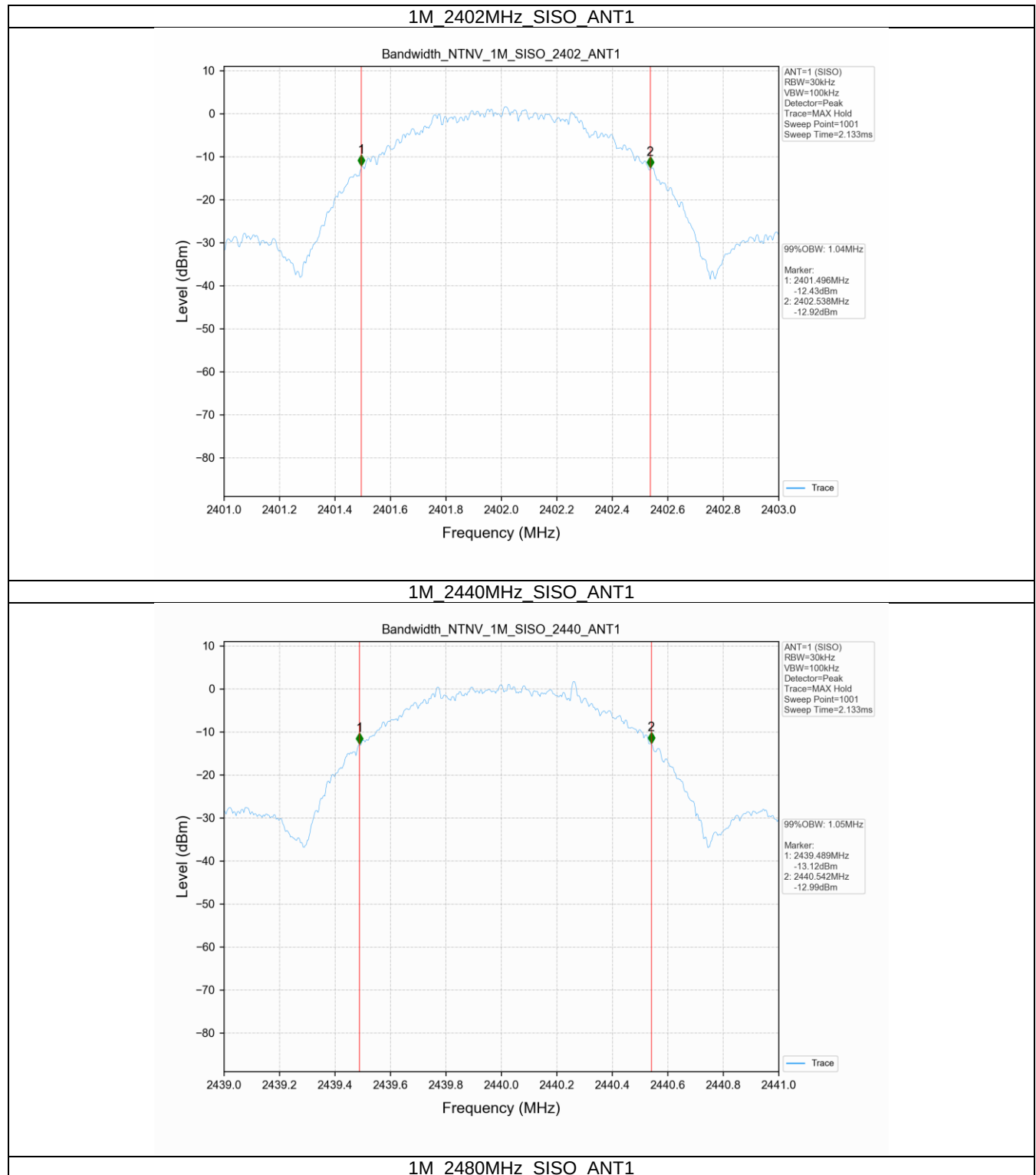


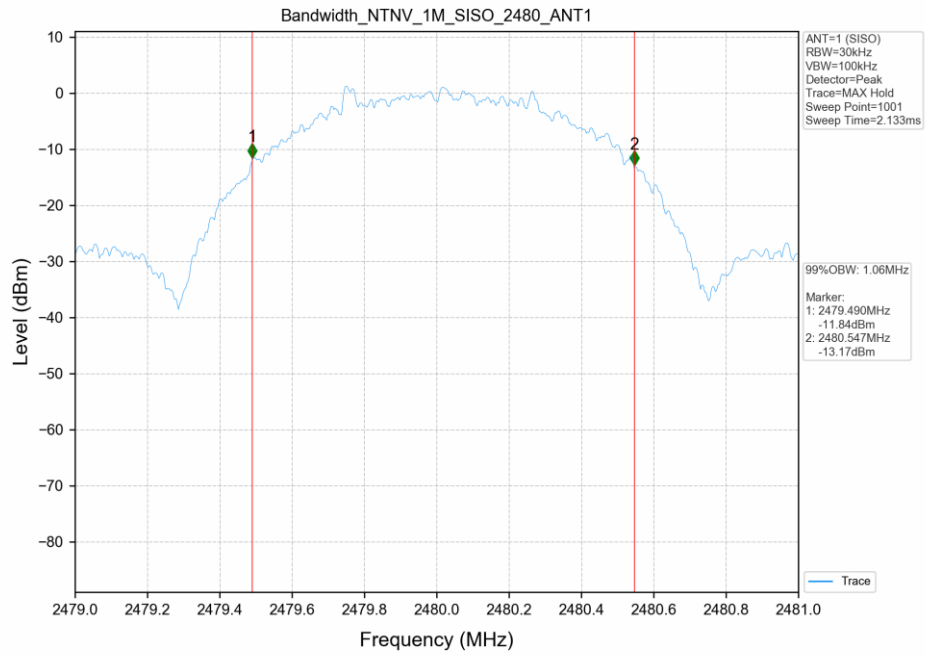


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2.3 Test Graph - 99% Occupied Bandwidth



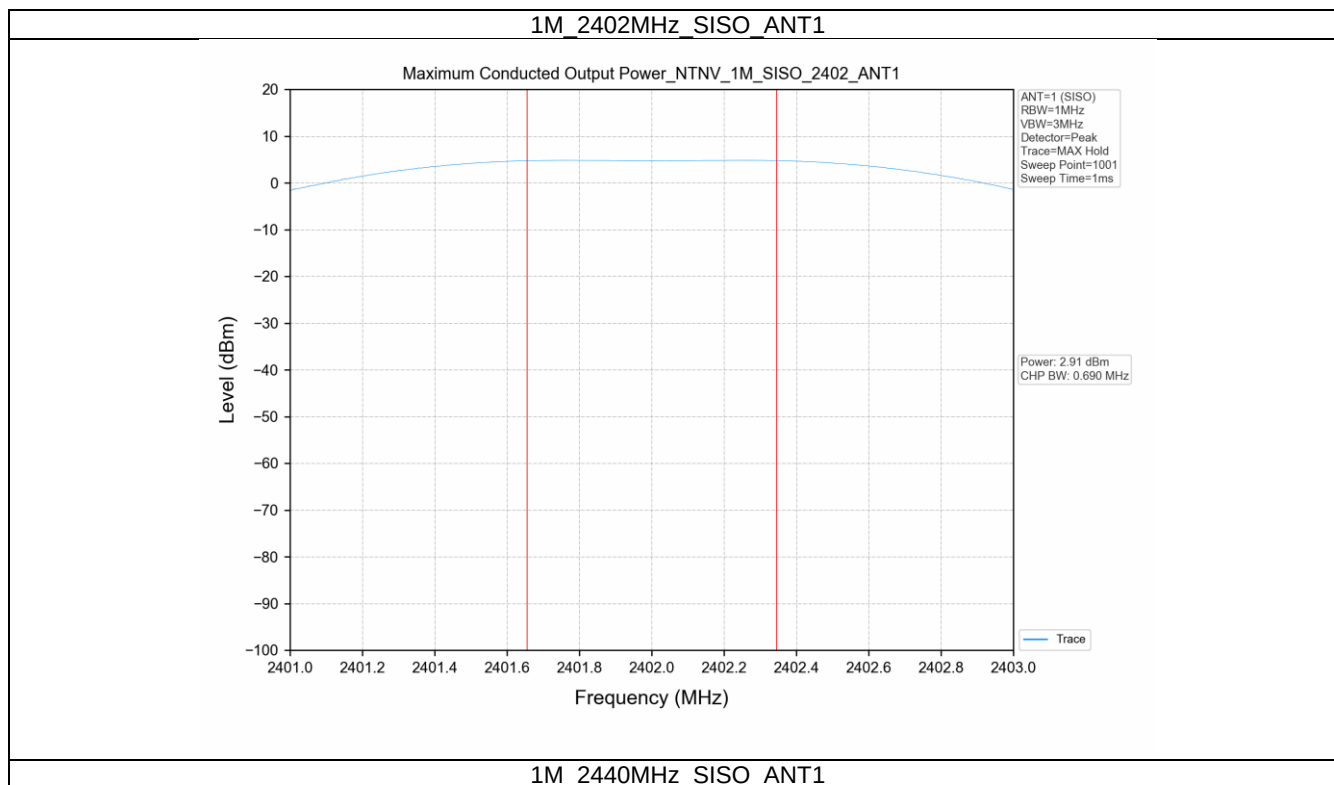


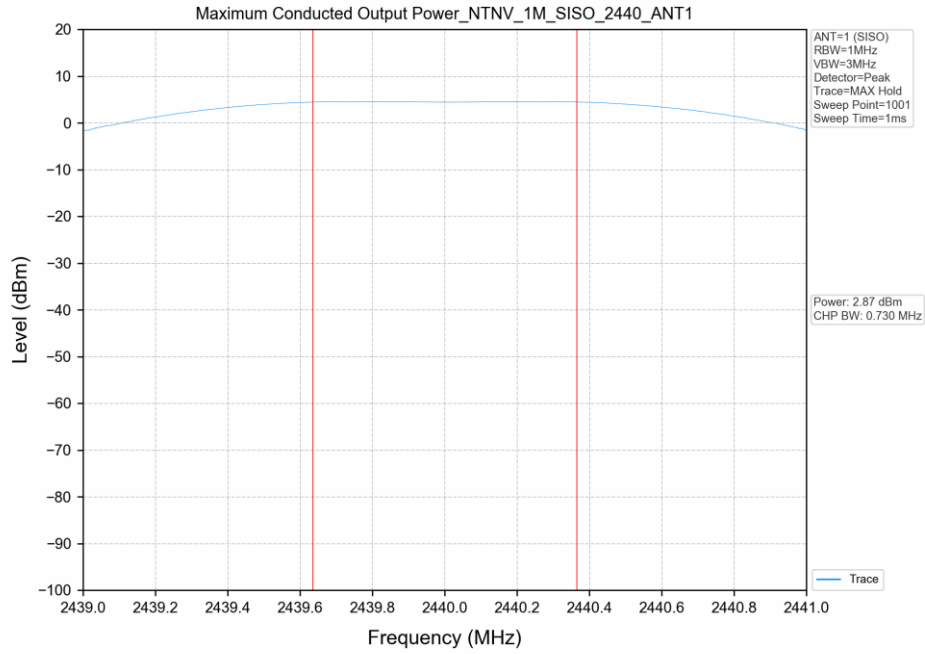
3. Maximum Conducted Output Power

3.1 Test Result

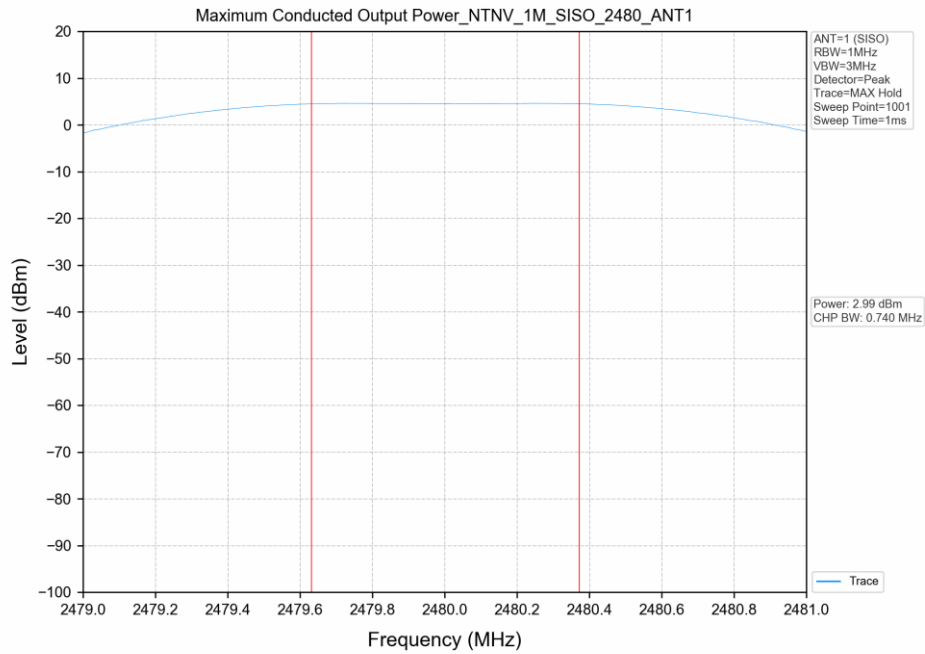
Test Mode	Frequency (MHz)	Tx Type	Measured Peak Output Power (dBm)	Limits (dBm)	Verdict
			Ant 1		
1M	2402	SISO	2.91	≤30	PASS
	2440	SISO	2.87	≤30	PASS
	2480	SISO	2.99	≤30	PASS

3.2 Test Graph





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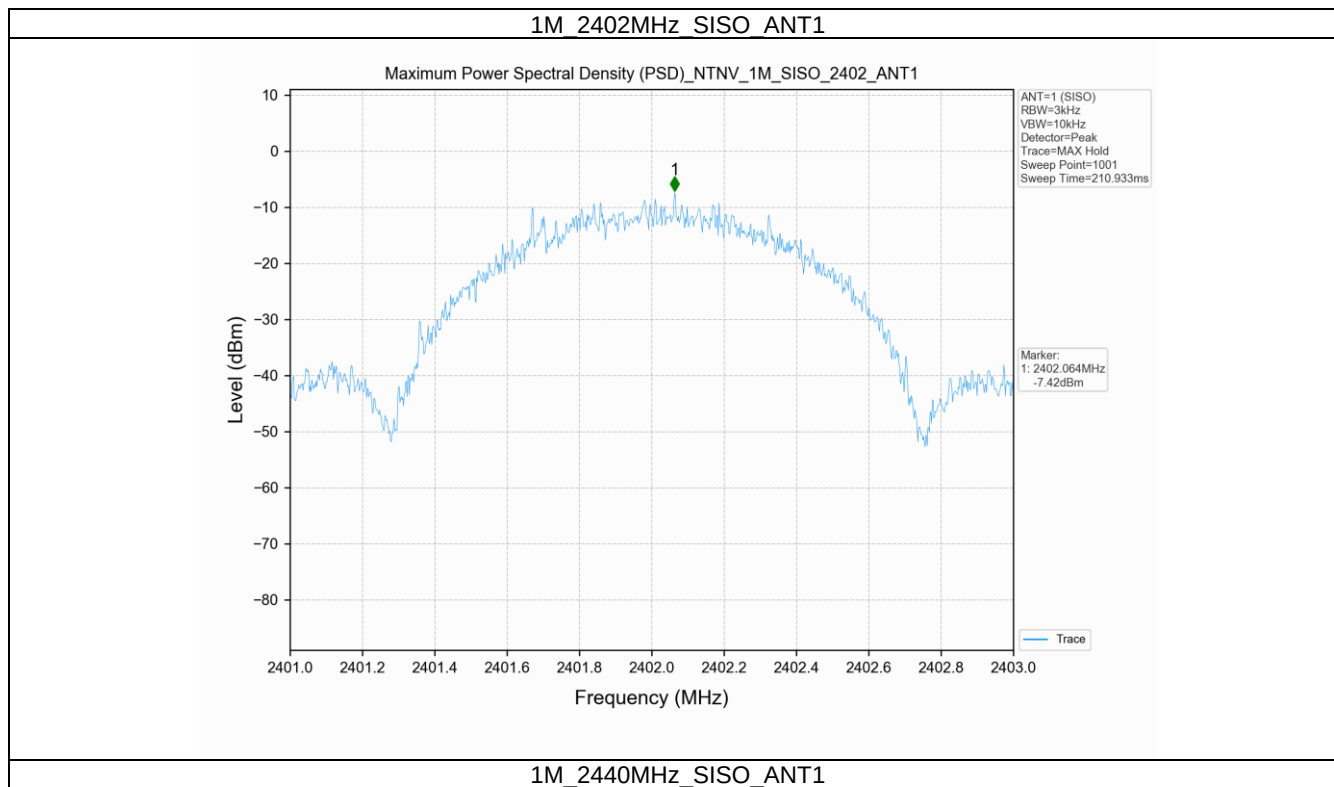


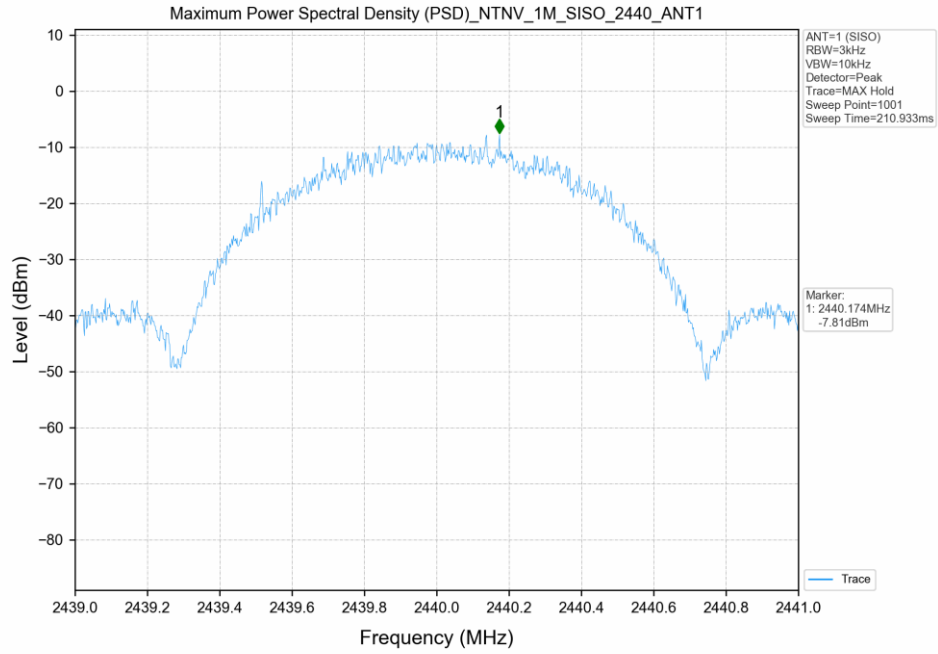
4. Maximum Power Spectral Density (PSD)

4.1 Test Result

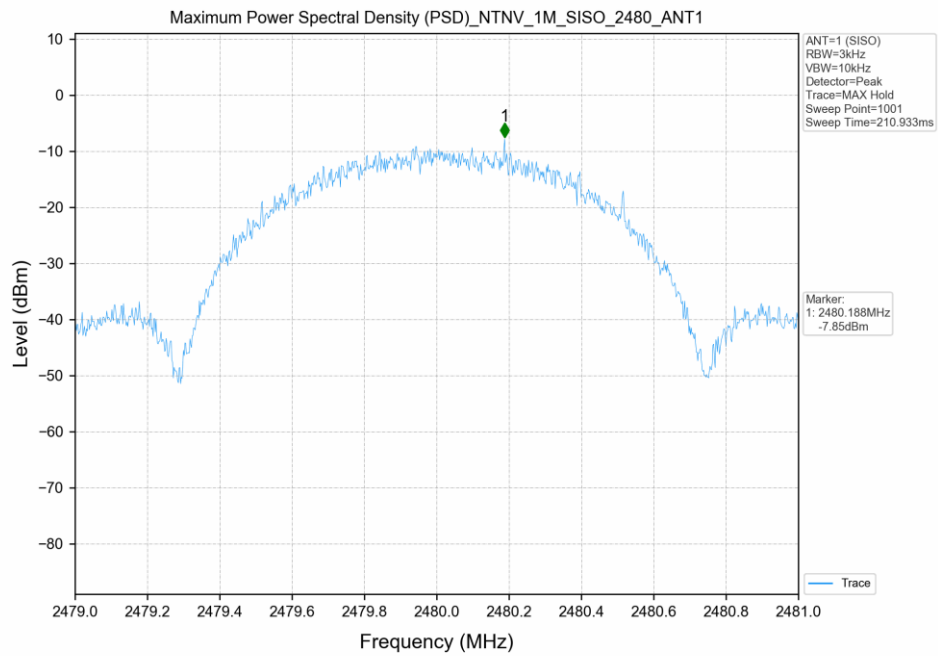
Test Mode	Frequency (MHz)	Tx Type	Maximum Power Spectral Density (dBm/3KHz)	Limits (dBm/3kHz)	Verdict
			Ant 1		
1M	2402	SISO	-7.42	≤8	PASS
	2440	SISO	-7.81	≤8	PASS
	2480	SISO	-7.85	≤8	PASS

4.2 Test Graph





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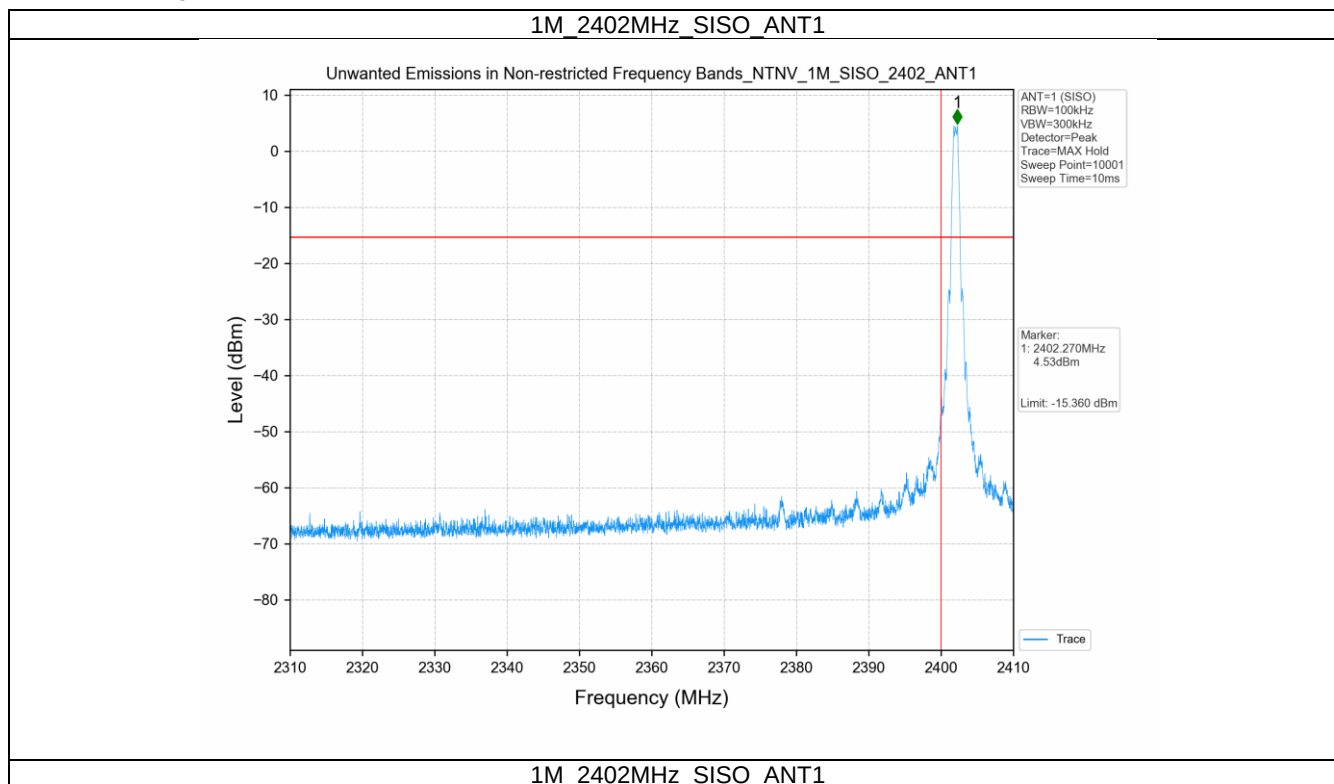


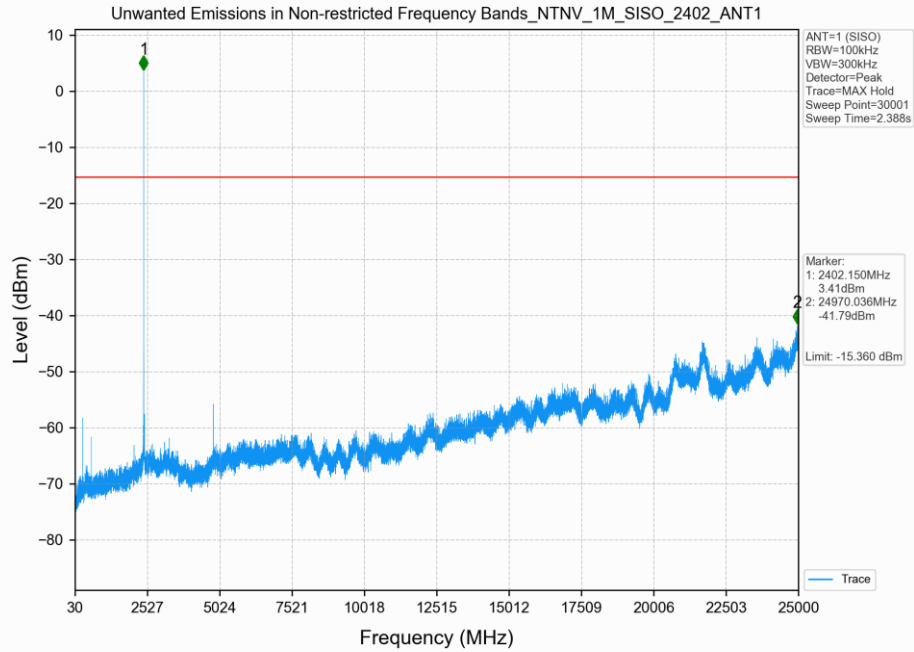
5. Unwanted Emissions in Non-restricted Frequency Bands

5.1 Test Result

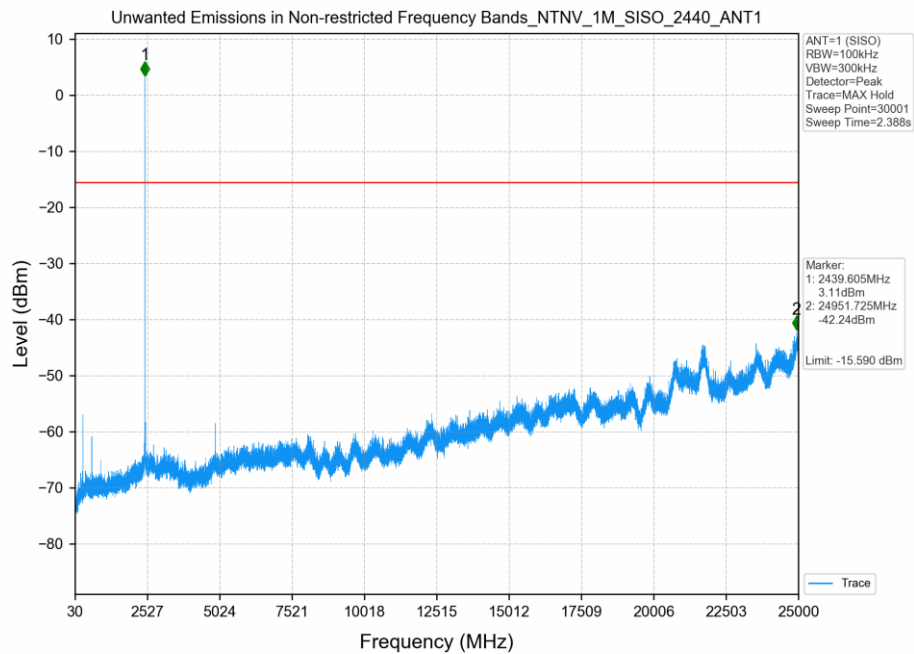
Test Mode	Frequency (MHz)	TX Type	ANT No.	Spurious Conducted Emission (dBc)	Limits (dBc)	Verdict
1M	2402	SISO	1	Refer to test graph	≤ -20	PASS
	2440	SISO	1	Refer to test graph	≤ -20	PASS
	2480	SISO	1	Refer to test graph	≤ -20	PASS

5.2 Test Graph

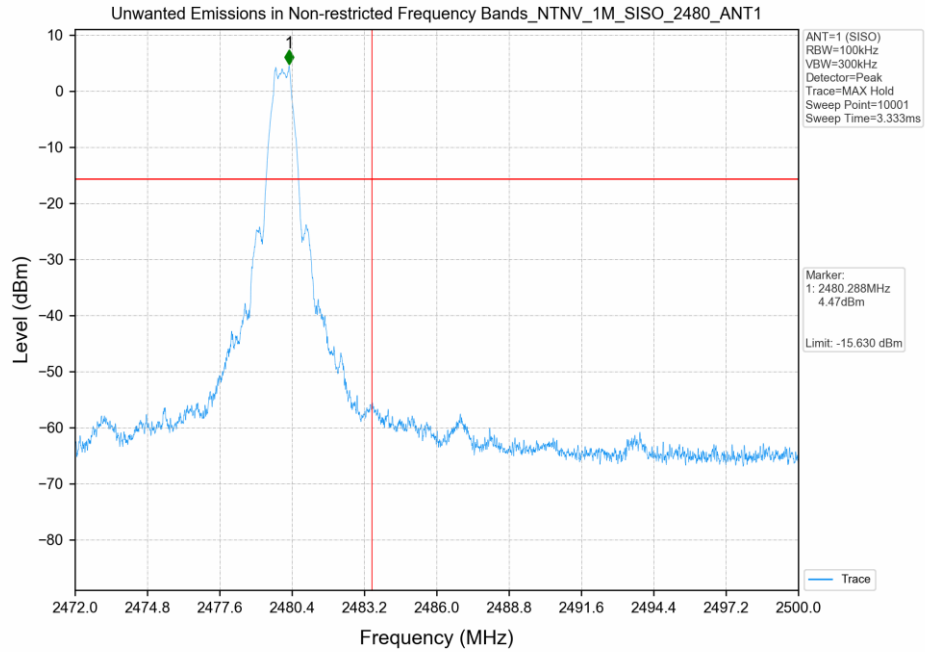




1M_2440MHz_SISO_ANT1



1M_2480MHz_SISO_ANT1



1M 2480MHz SISO ANT1

