



Shenzhen CTL Testing Technology Co., Ltd.

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Appendix: Test Data for BLE

Product Name: Siyata SD7

Test Model: SD7

Appendix for 15.247

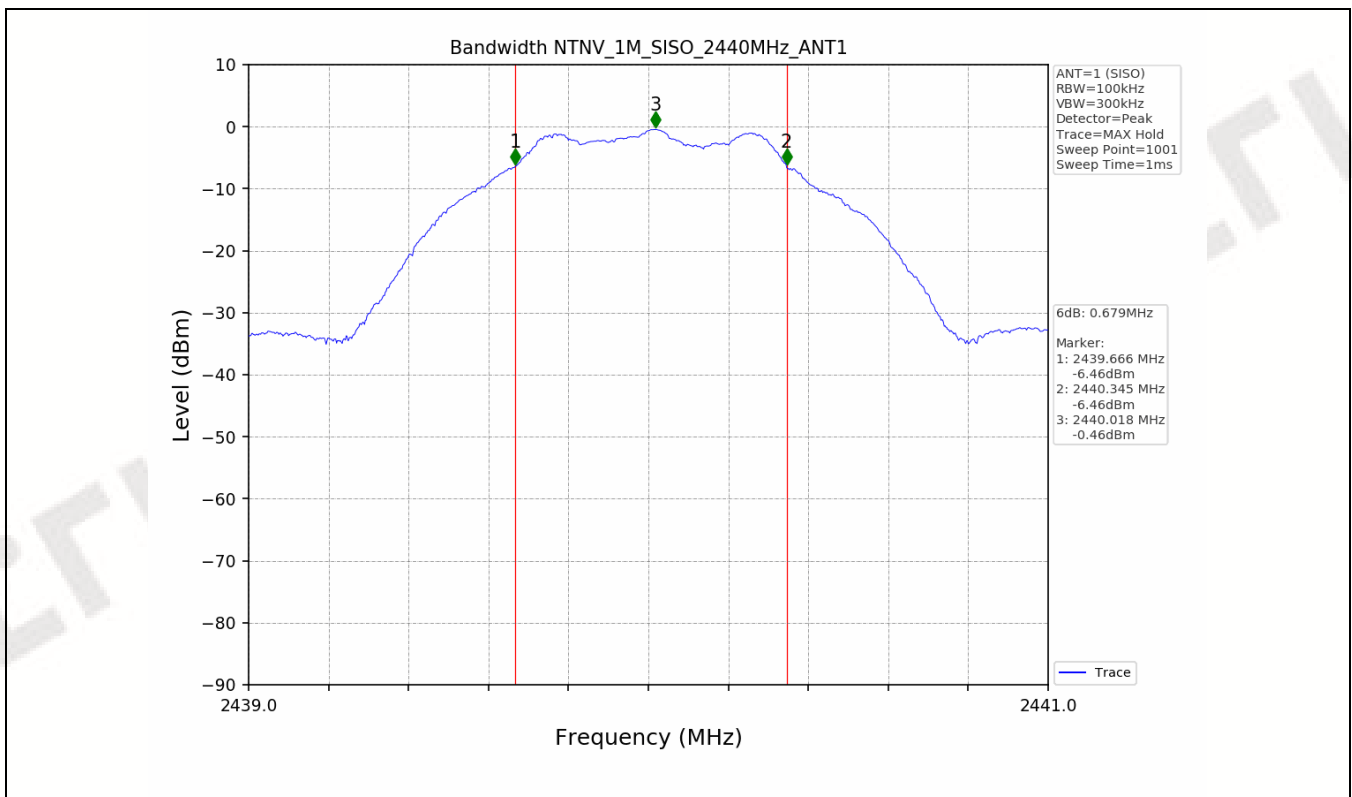
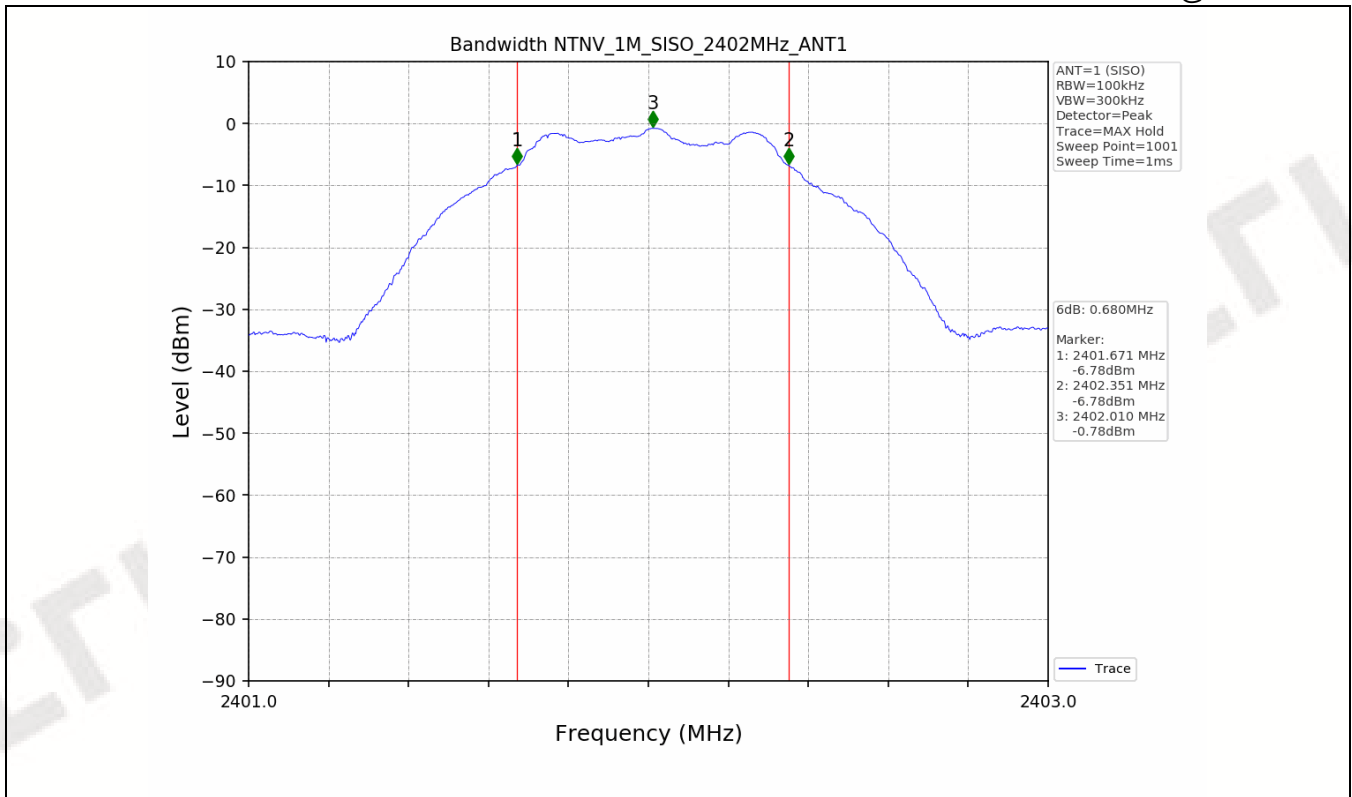
1. Bandwidth

1.1 Test Result

Test Mode	Frequency (MHz)	TX Type	ANT No.	6dB Bandwidth	Verdict
				Test Result (MHz)	
1M	2402	SISO	1	0.680	PASS
	2440	SISO	1	0.679	PASS
	2480	SISO	1	0.678	PASS
2M	2402	SISO	1	1.136	PASS
	2440	SISO	1	1.166	PASS
	2480	SISO	1	1.162	PASS

Test Mode	Frequency (MHz)	TX Type	ANT No.	99% Occupied Bandwidth	
				Test Result (MHz)	
1M	2402	SISO	1	1.033	Only for Report Use
	2440	SISO	1	1.035	Only for Report Use
	2480	SISO	1	1.036	Only for Report Use
2M	2402	SISO	1	2.042	Only for Report Use
	2440	SISO	1	2.041	Only for Report Use
	2480	SISO	1	2.047	Only for Report Use

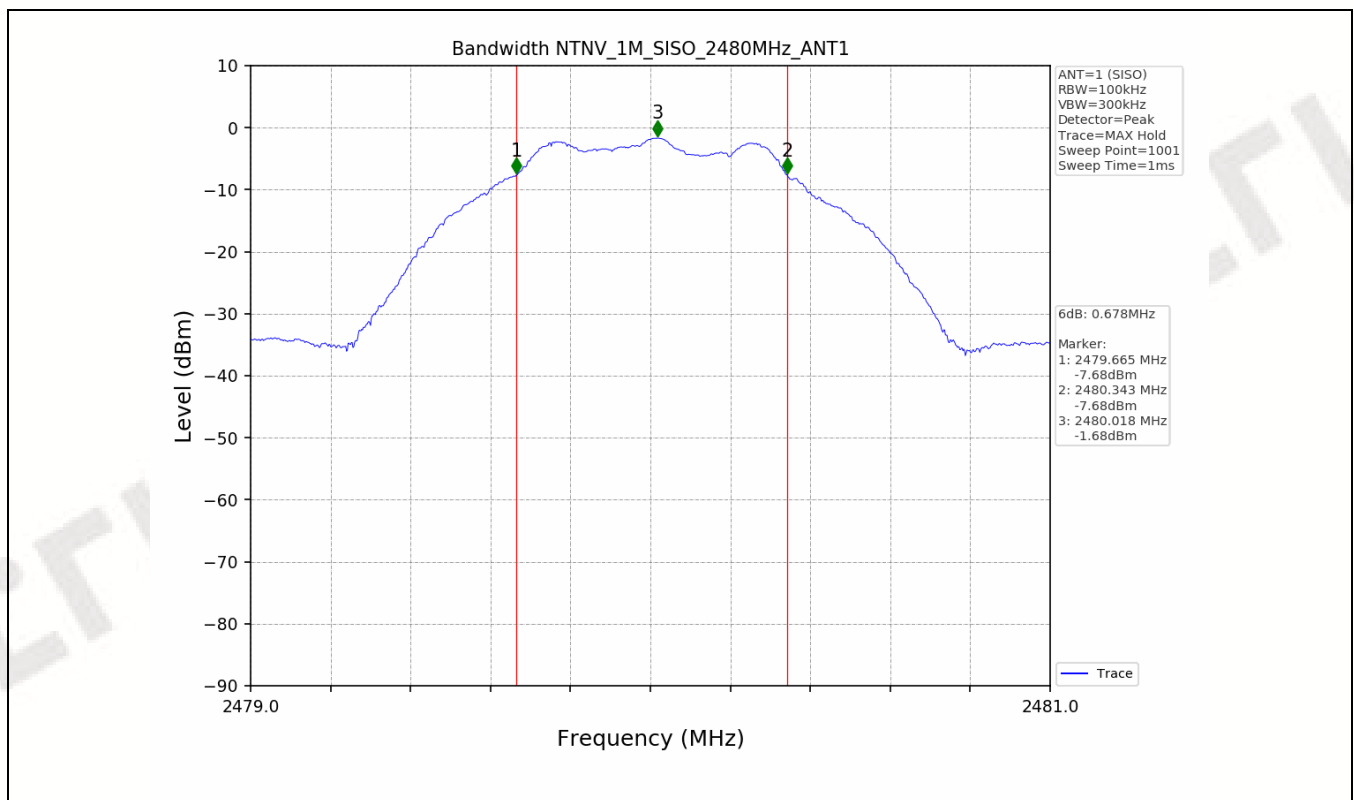
1.2 Test Graph - 6dB Bandwidth

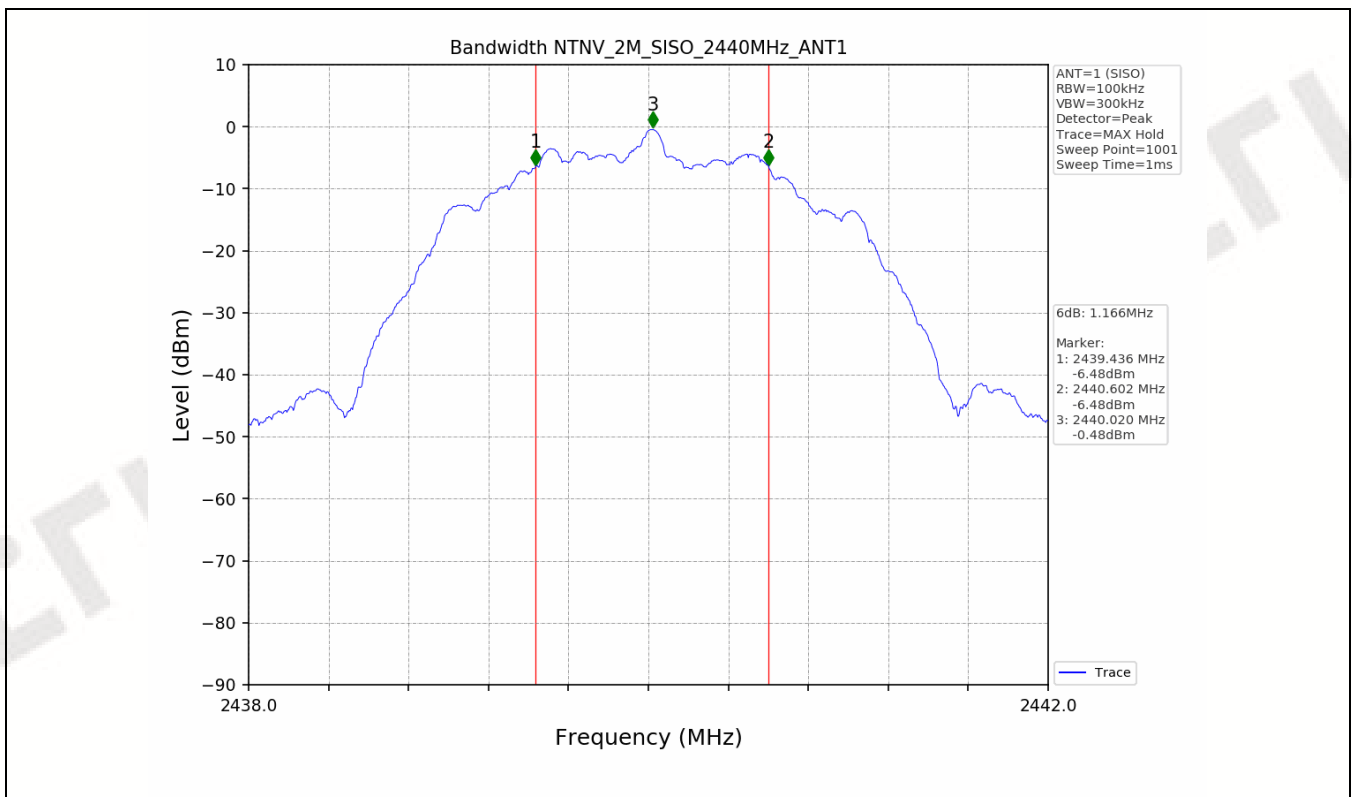
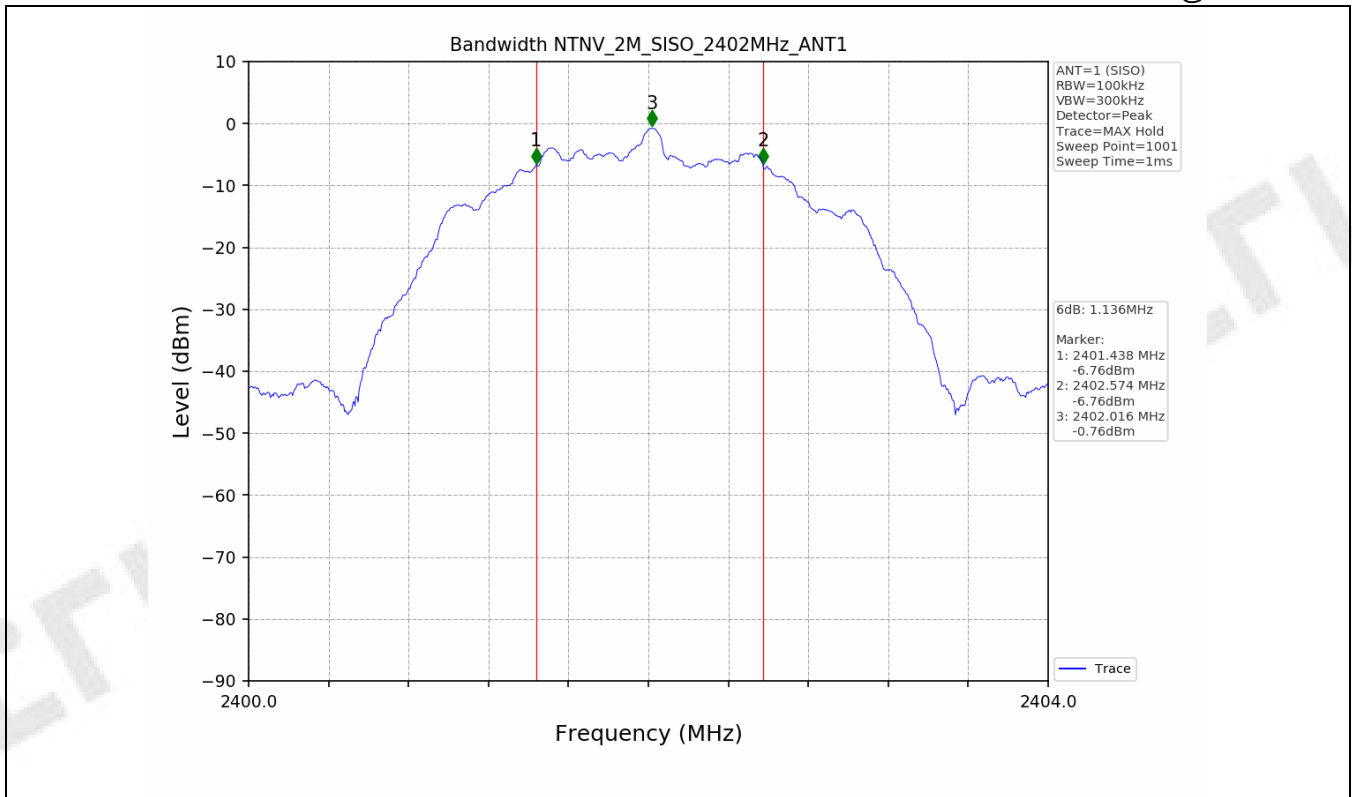




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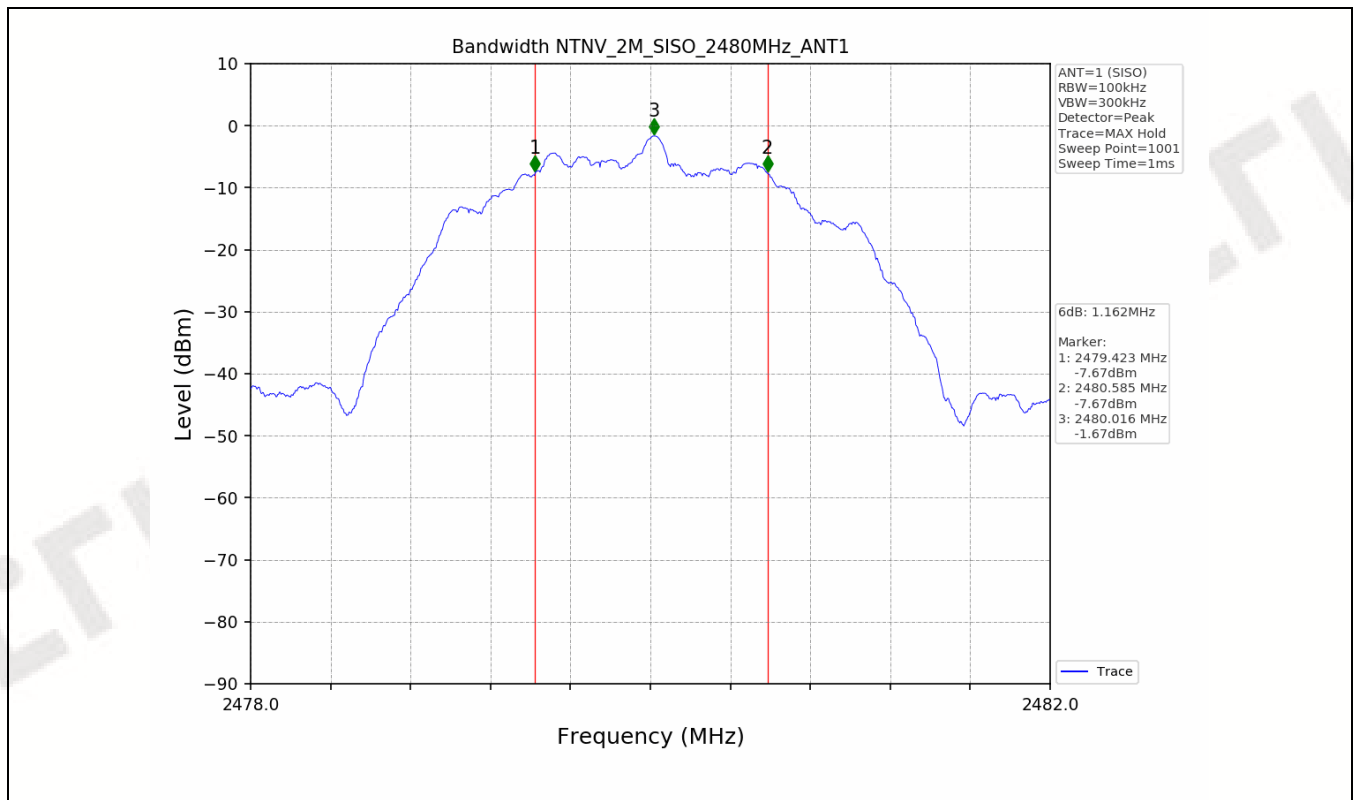




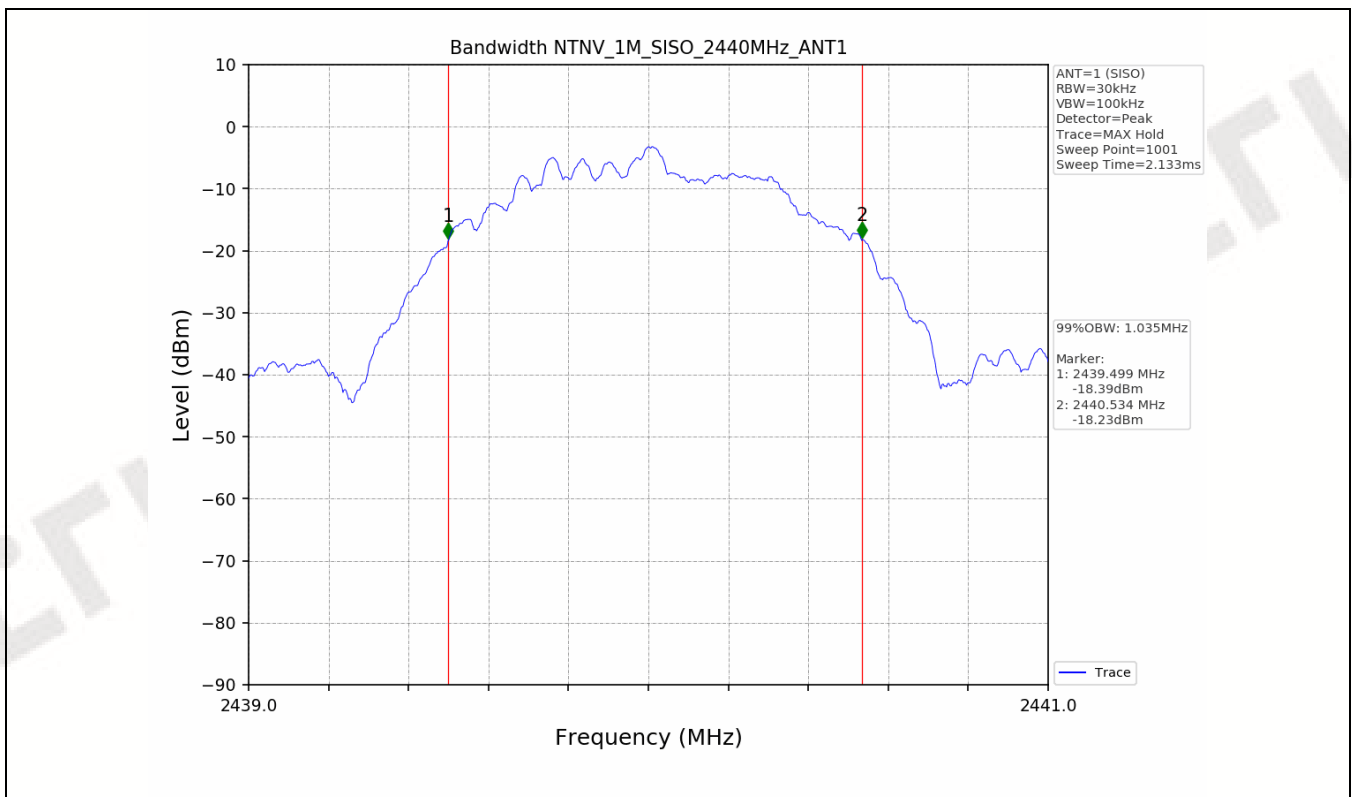
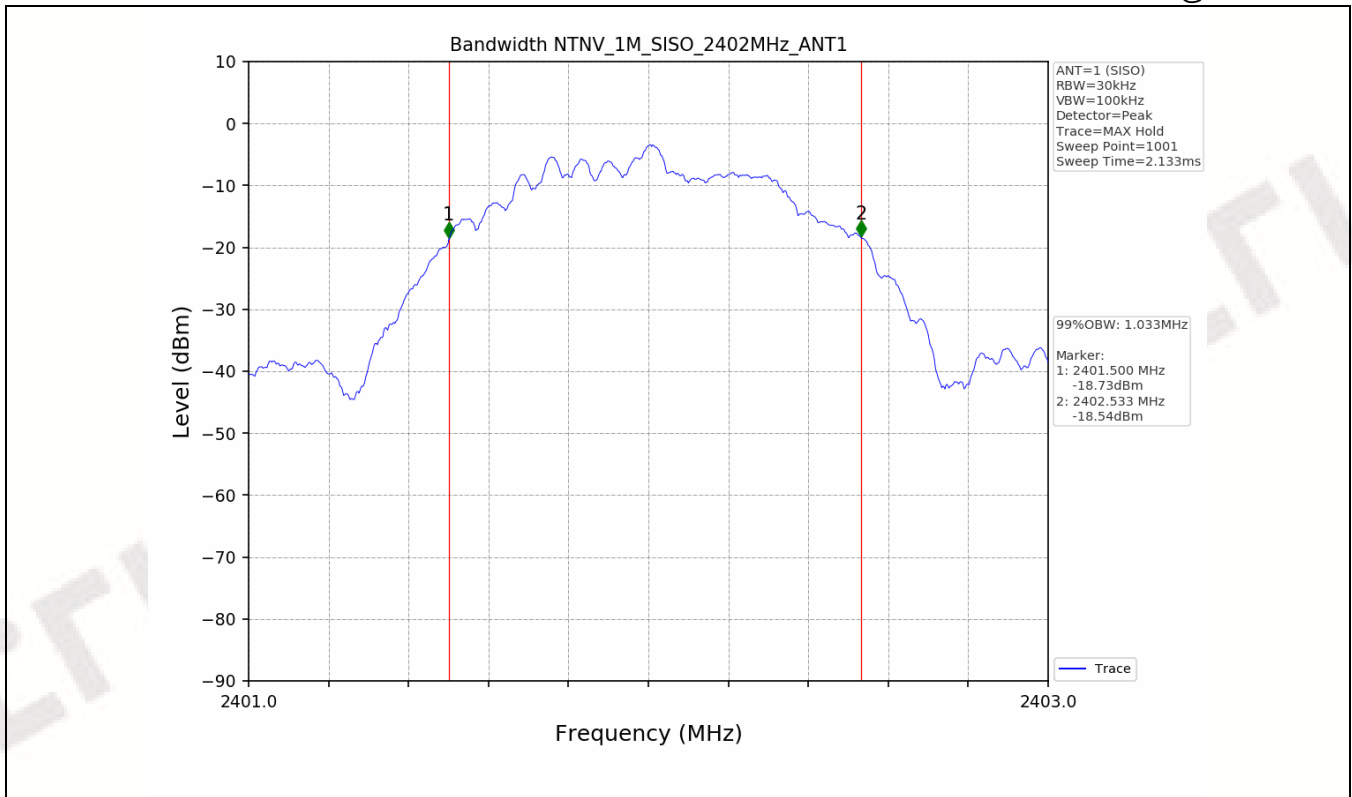


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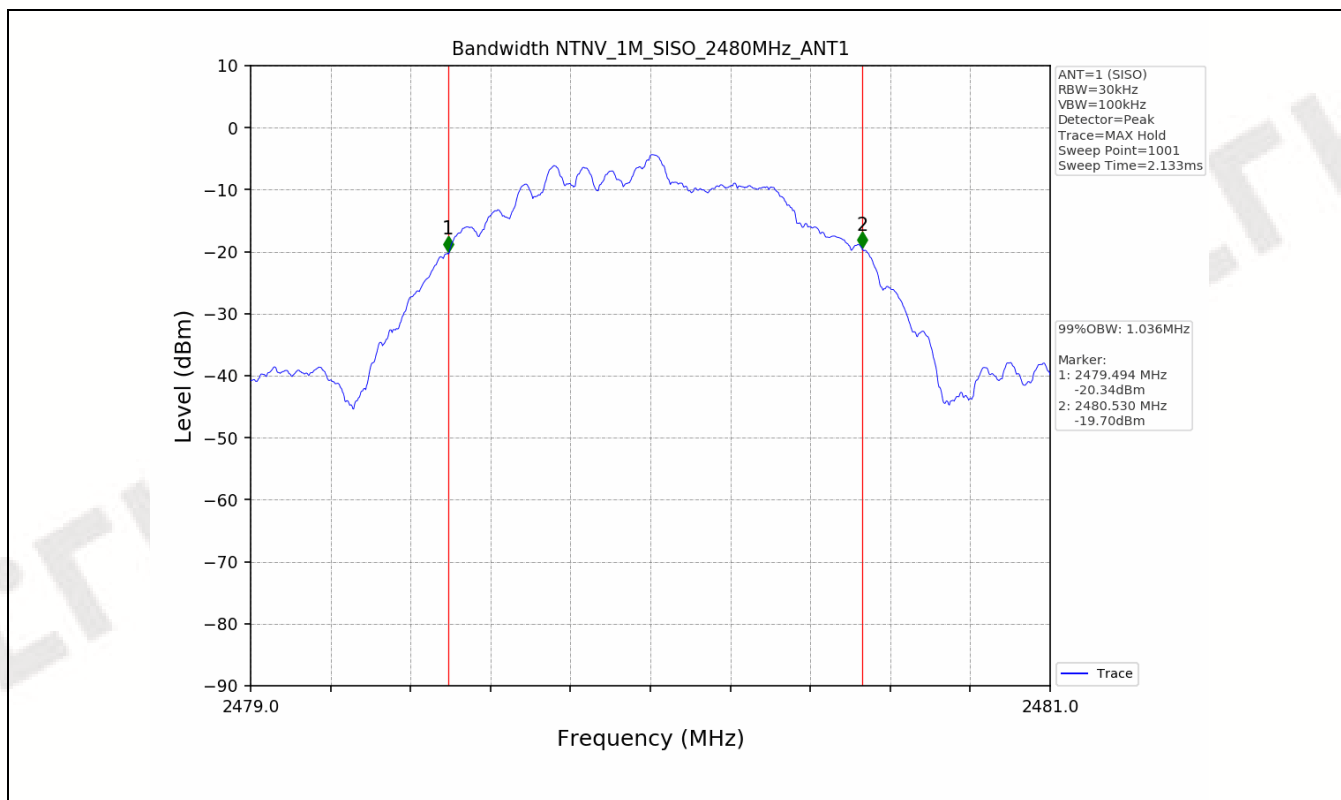
1.3 Test Graph - 99% Occupied Bandwidth

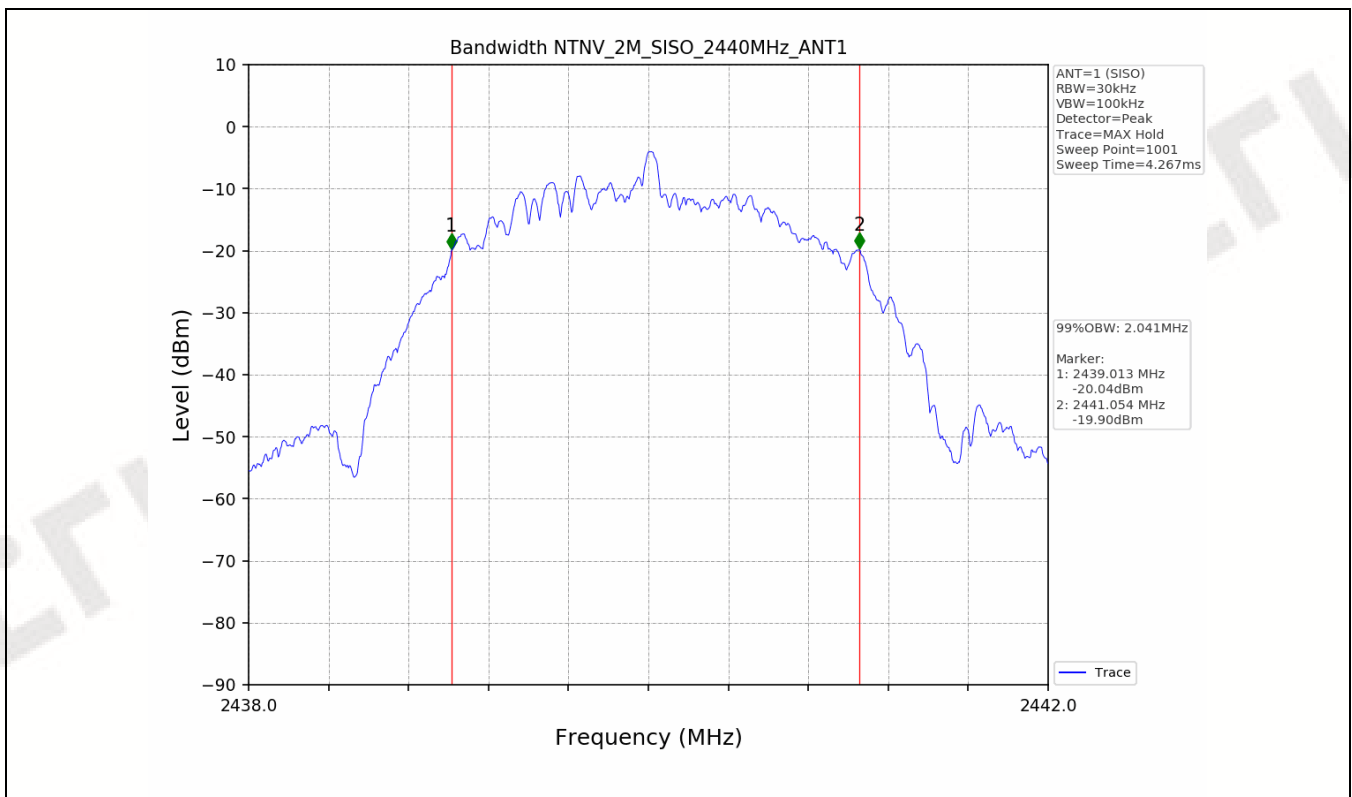
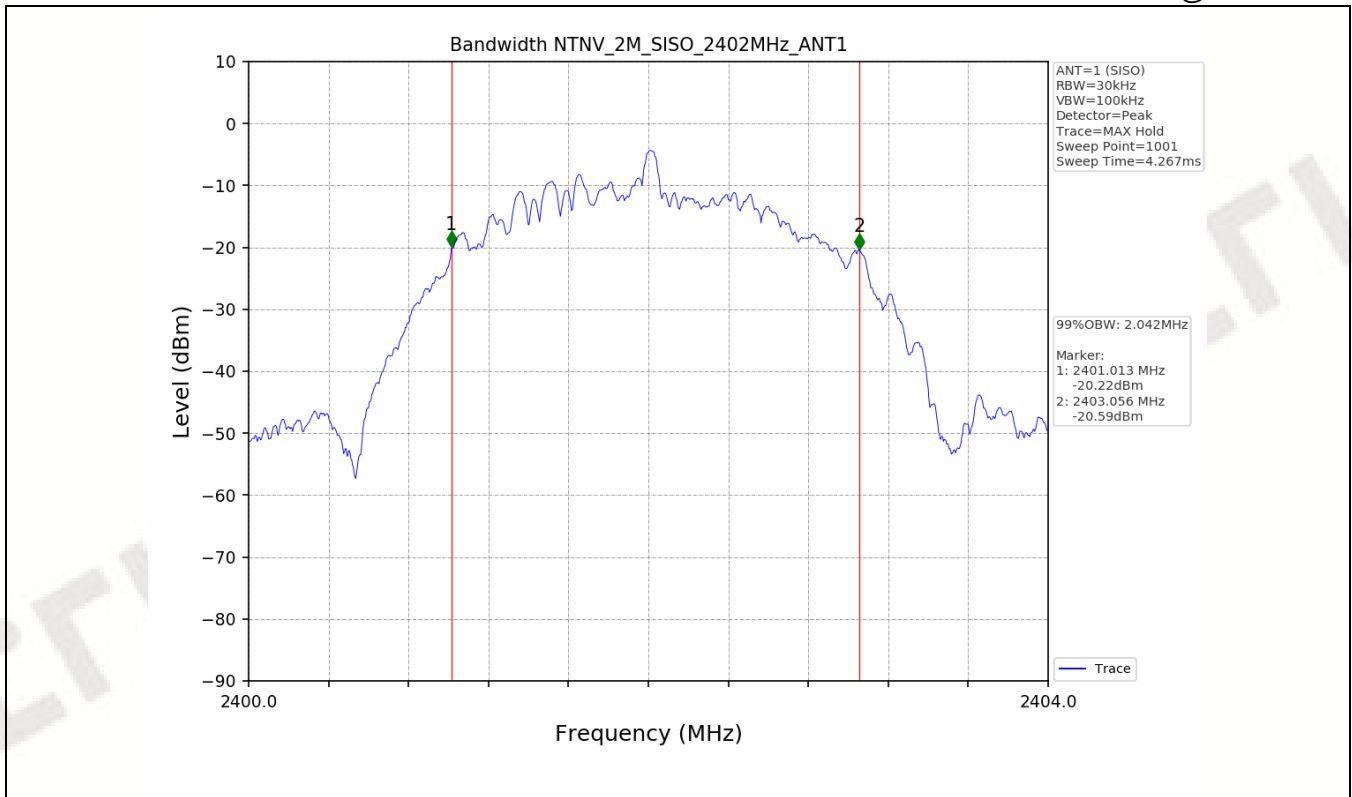




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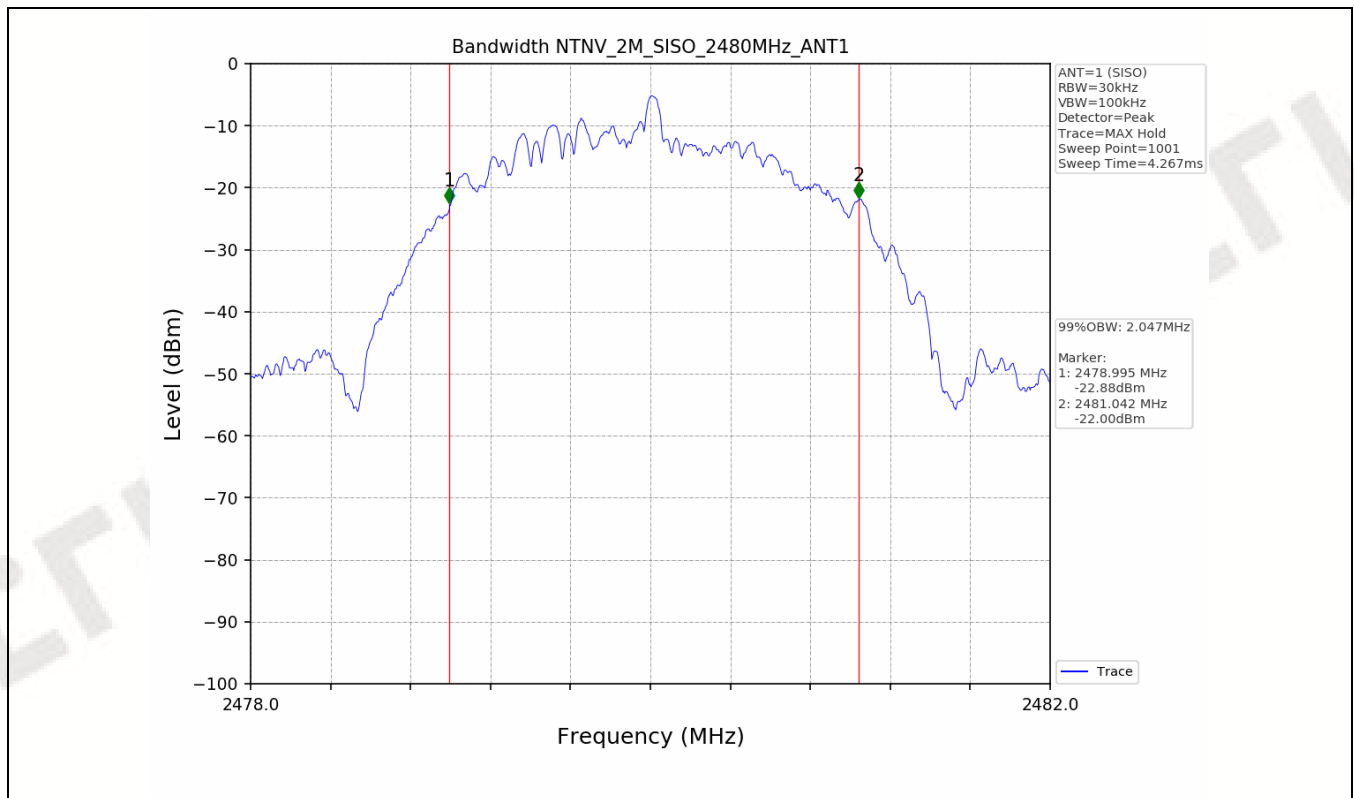






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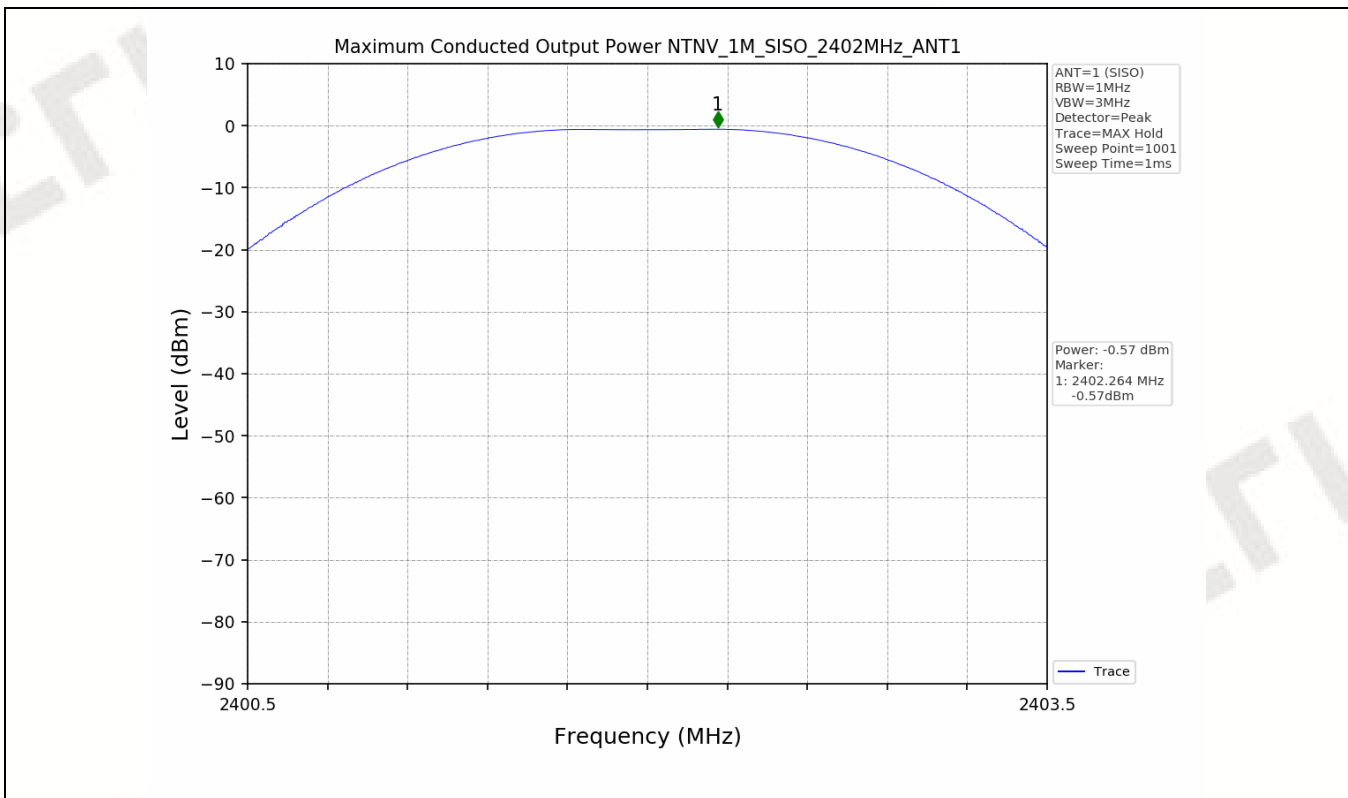


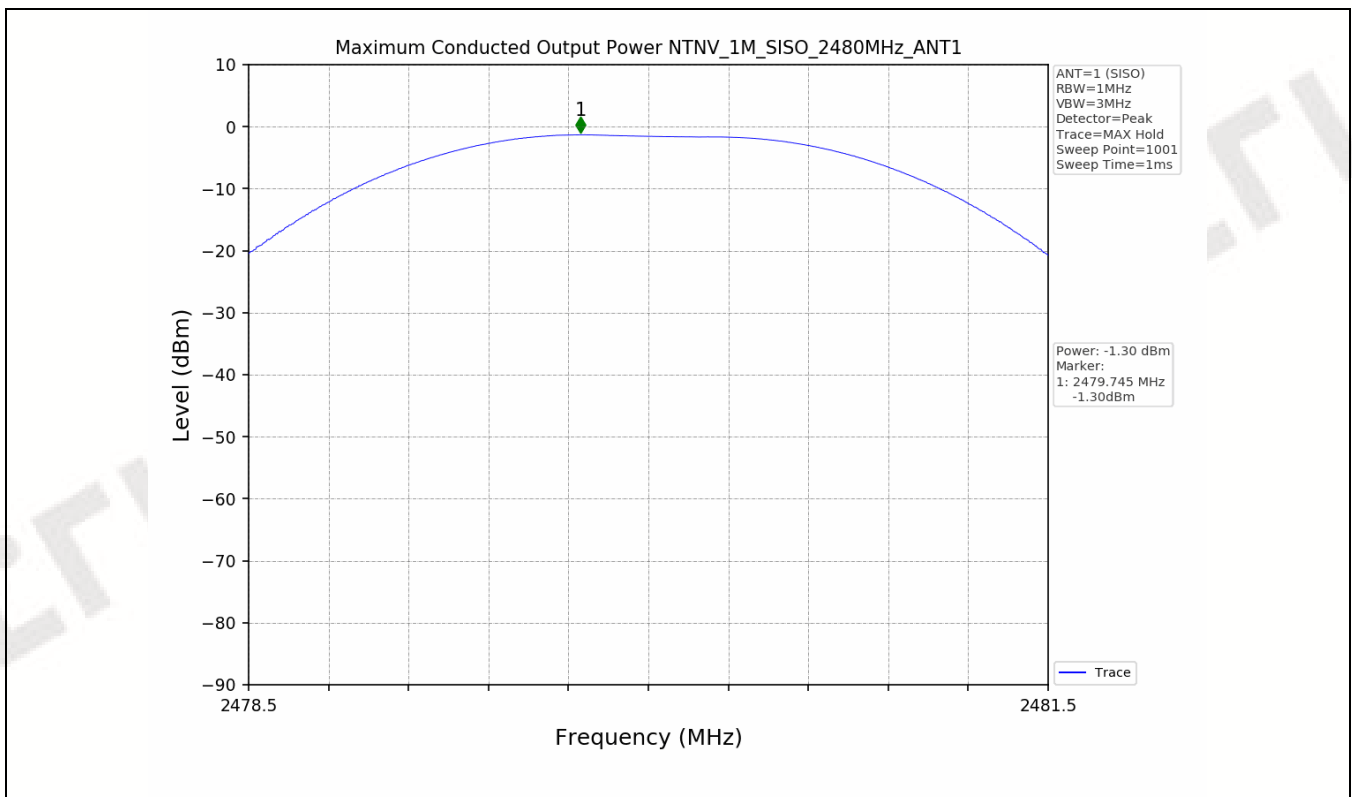
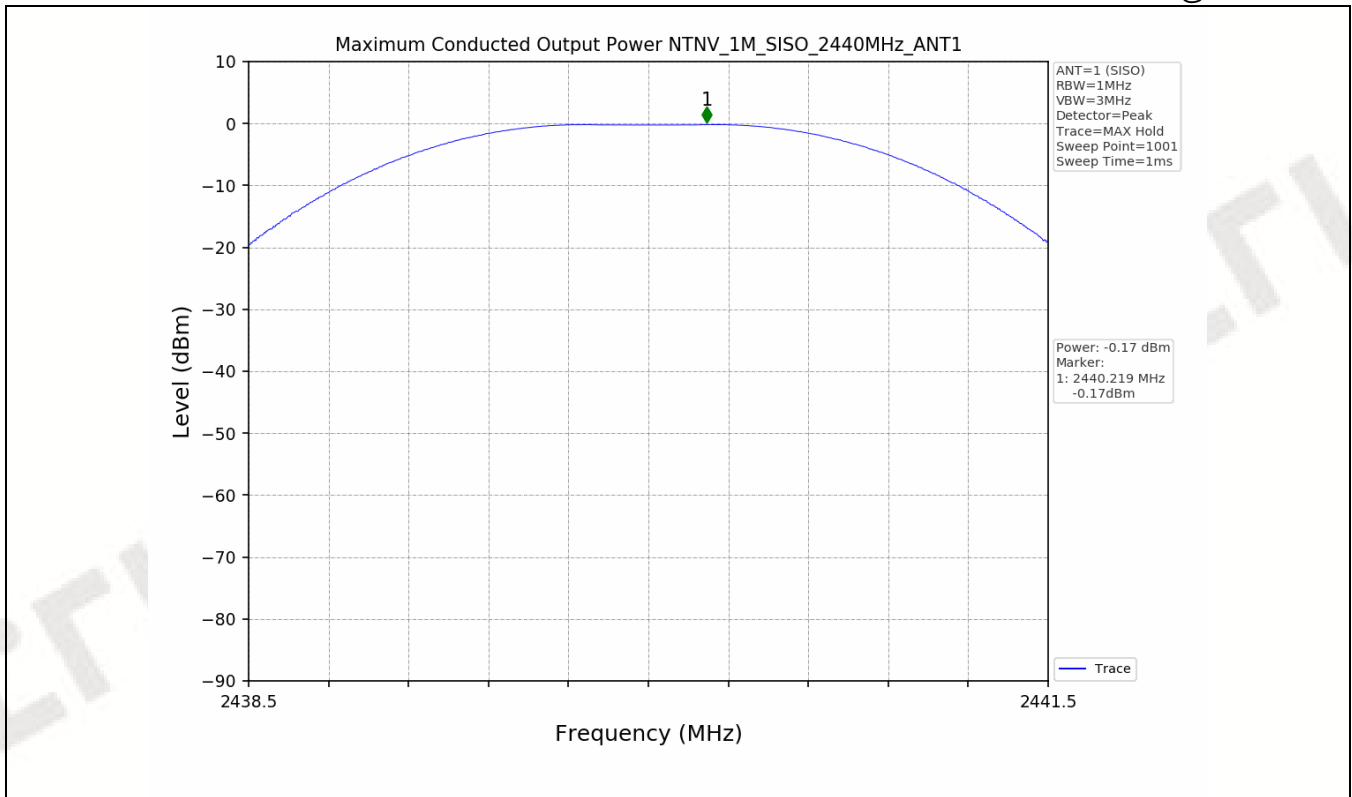
2. Maximum Conducted Output Power

2.1 Test Result

Test Mode	Frequency (MHz)	Tx Type	Measured Peak Output Power (dBm)	Limits (dBm)	Verdict
			Ant 1		
1M	2402	SISO	-0.57	30	PASS
	2440	SISO	-0.17	30	PASS
	2480	SISO	-1.30	30	PASS
2M	2402	SISO	-0.50	30	PASS
	2440	SISO	-0.11	30	PASS
	2480	SISO	-1.09	30	PASS

2.2 Test Graph

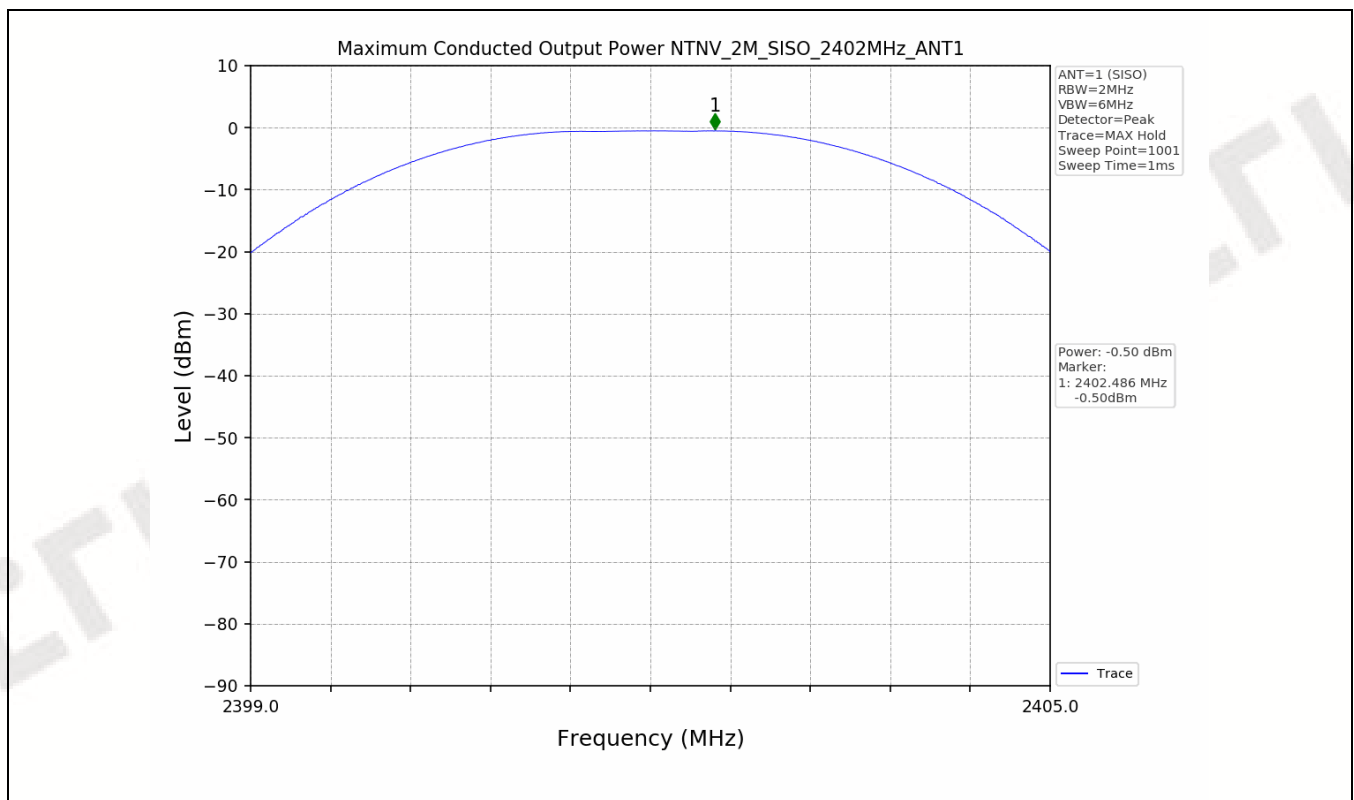


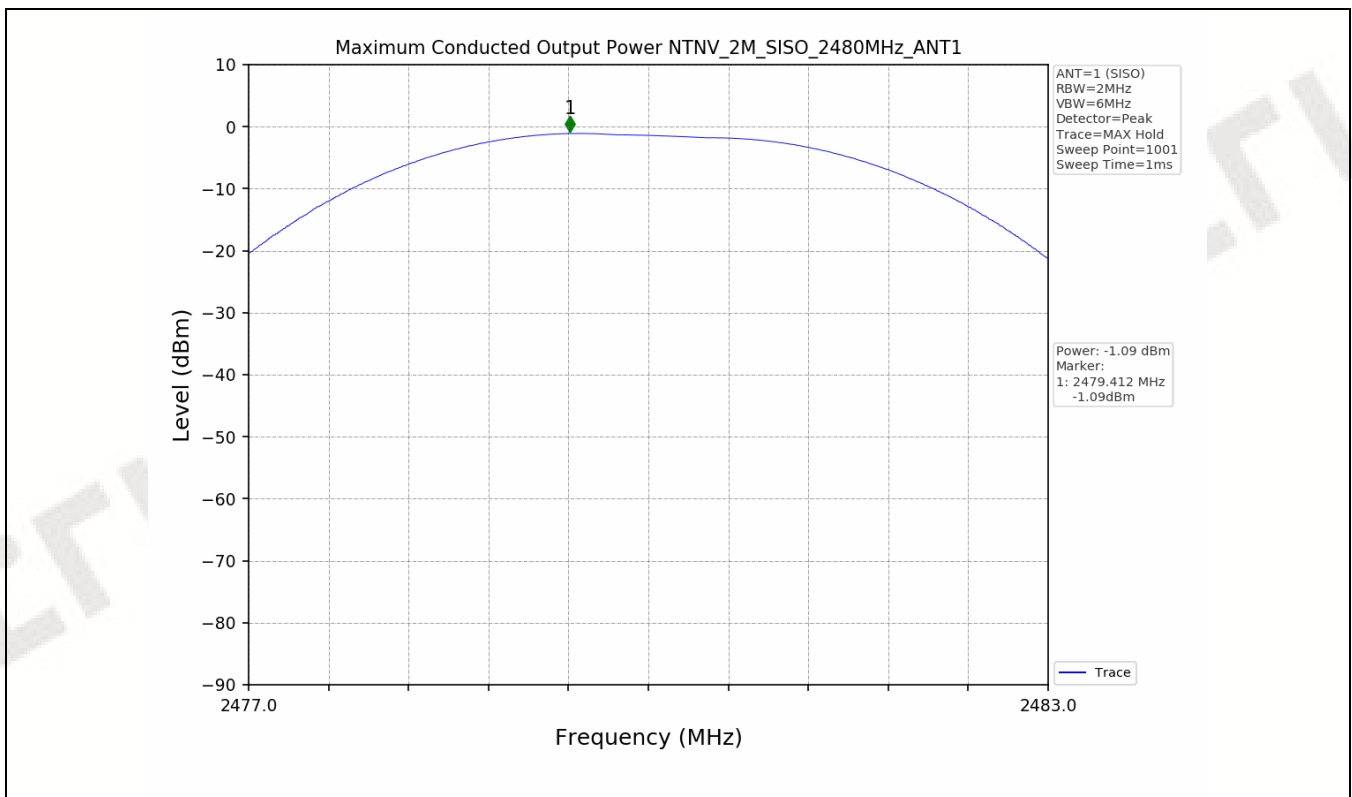
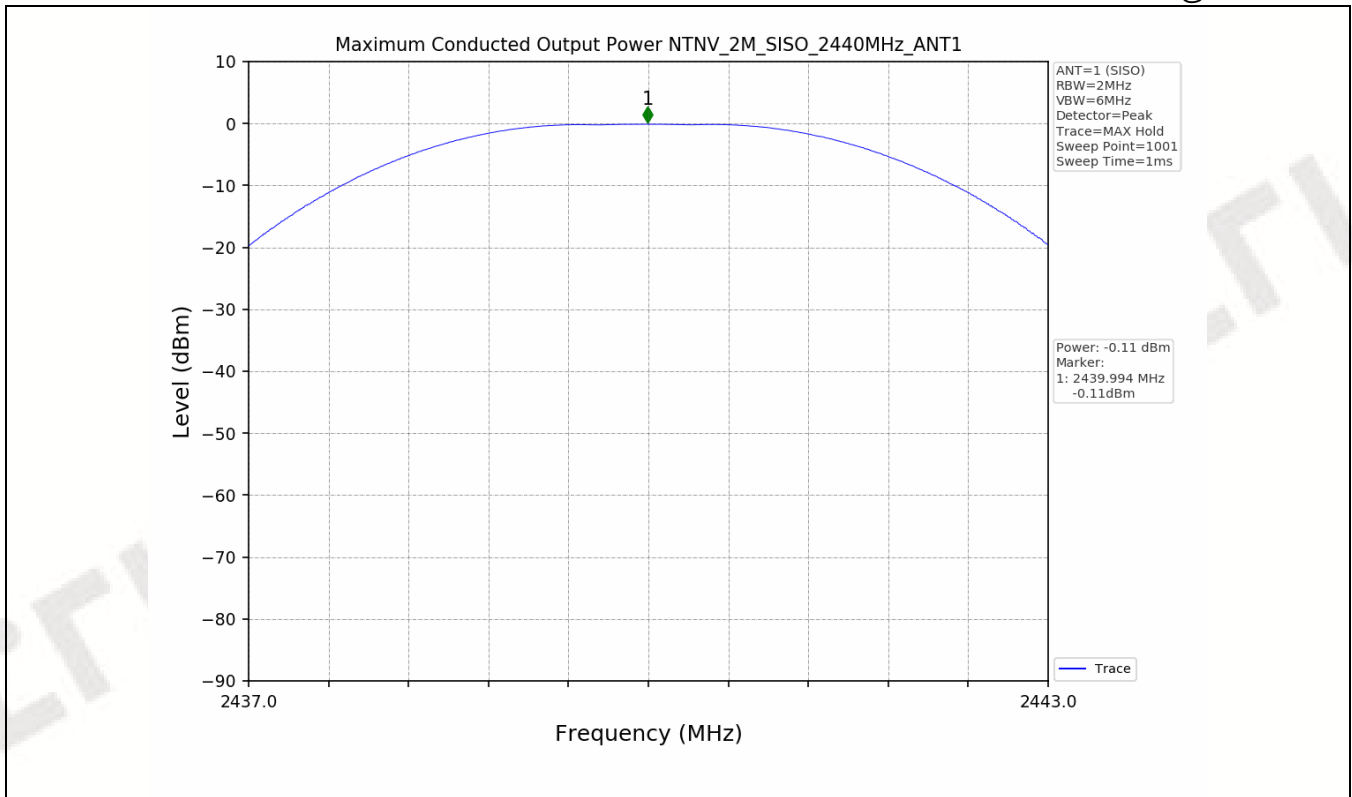




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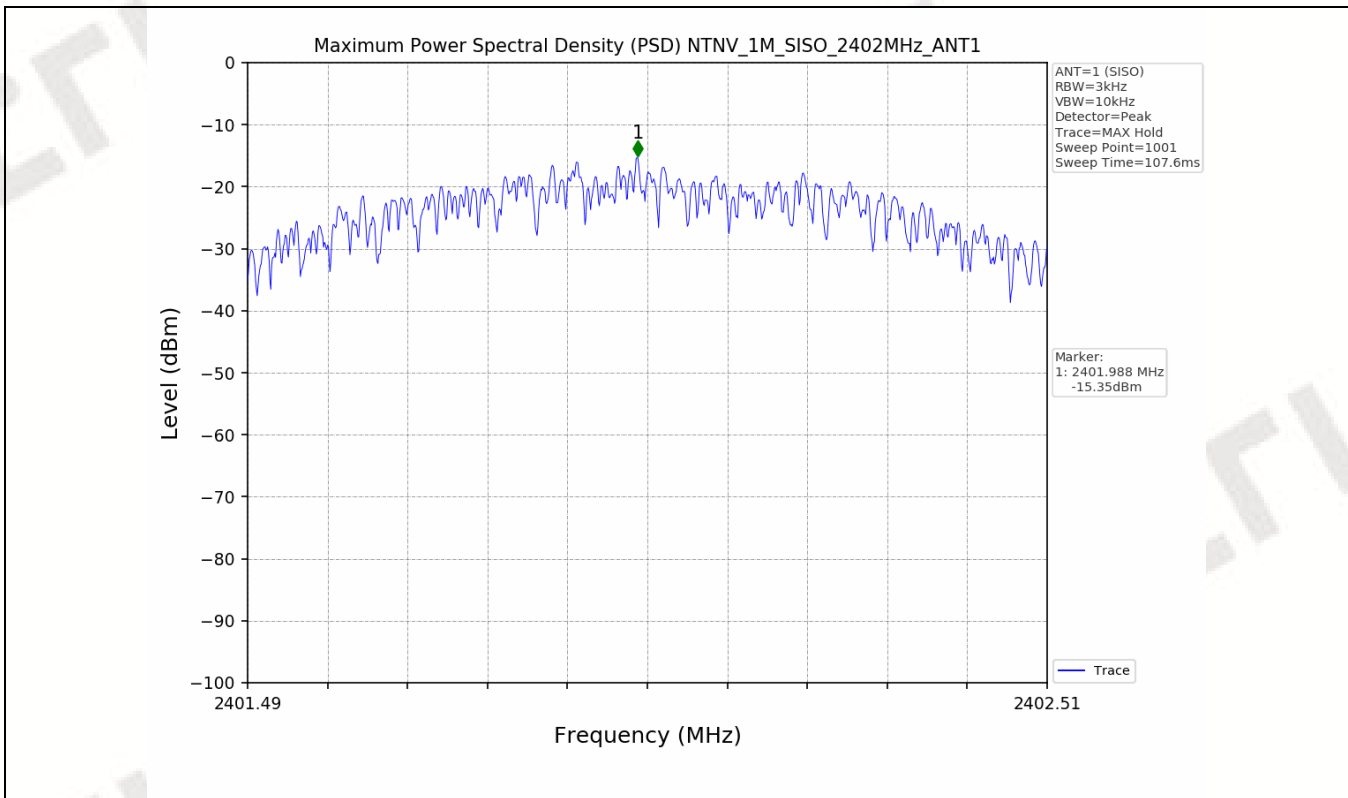


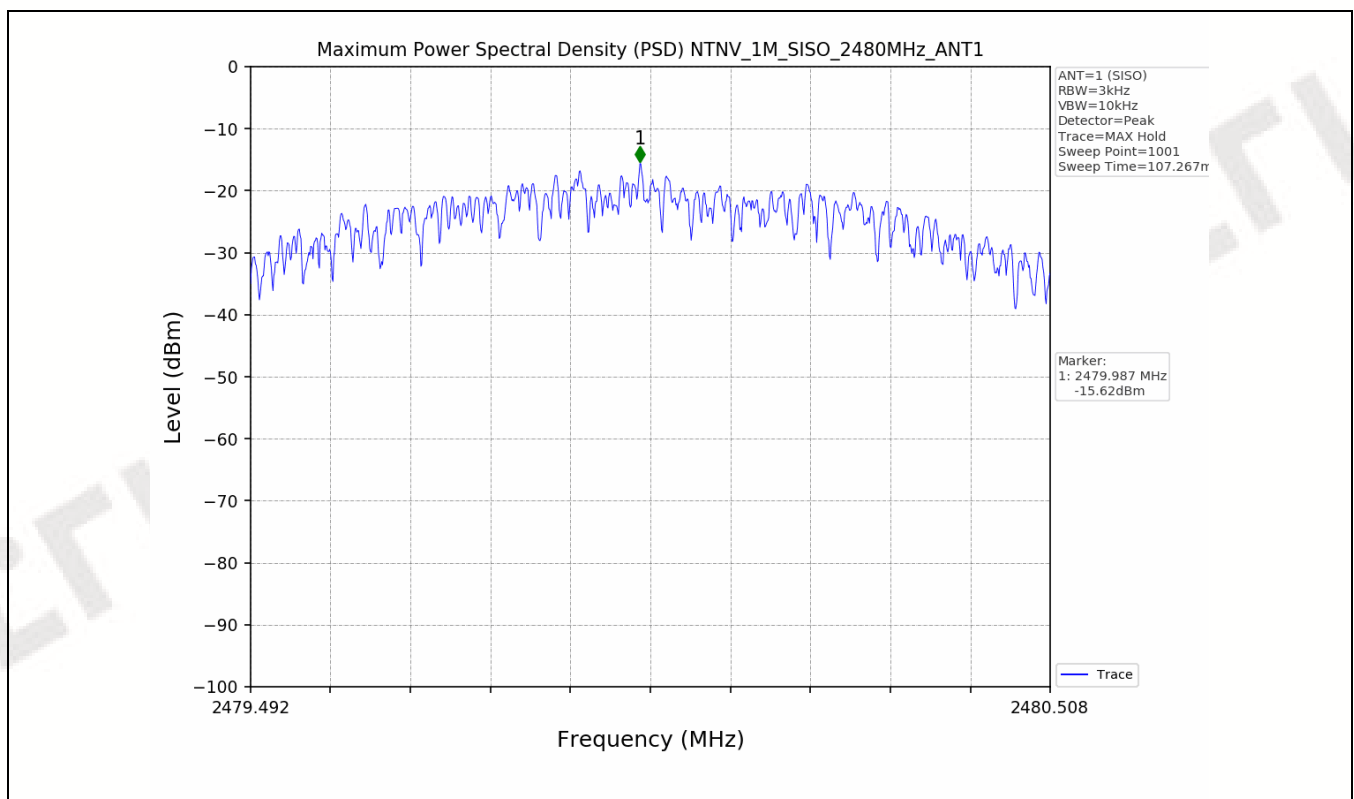
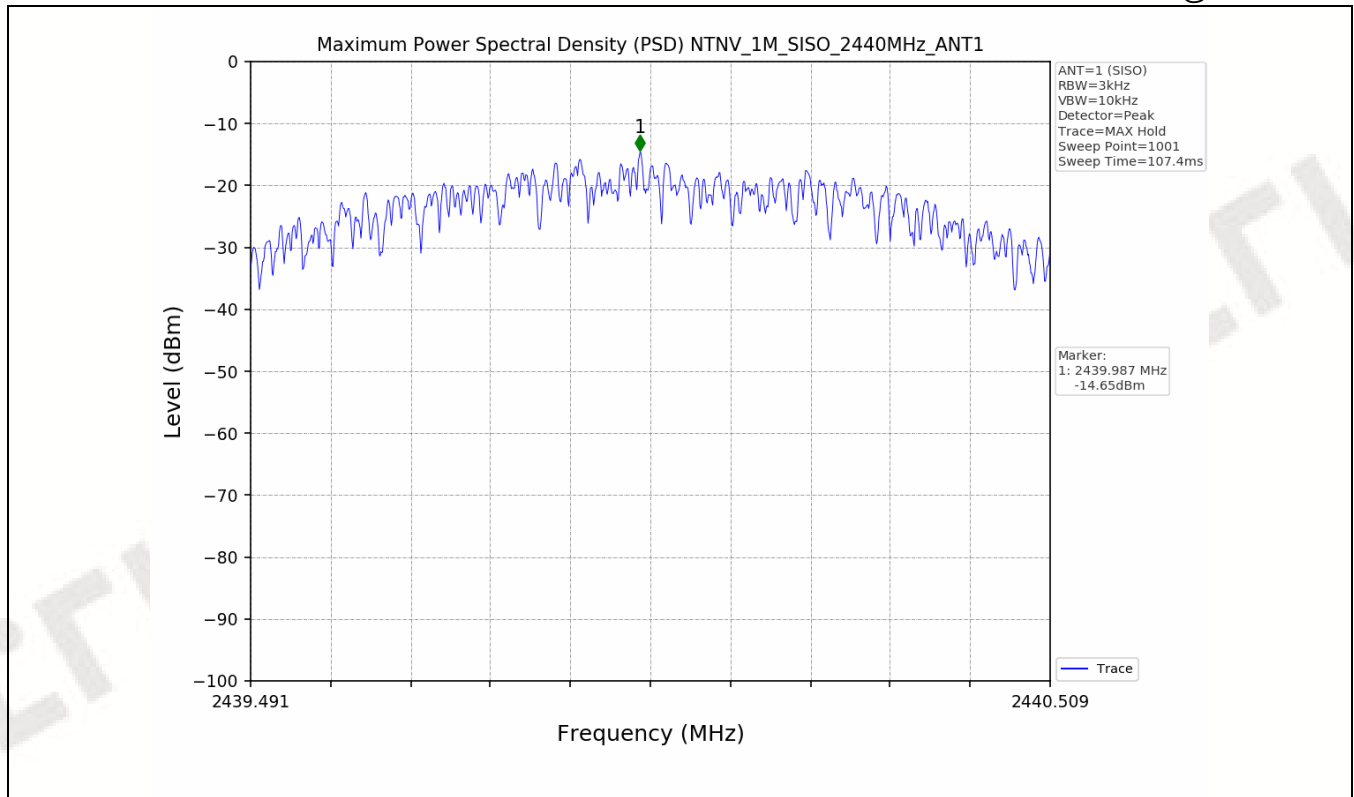
3. Maximum Power Spectral Density (PSD)

3.1 Test Result

Test Mode	Frequency (MHz)	Tx Type	Maximum Power Spectral Density (dBm/3KHz)	Limits (dBm/3KHz)	Verdict
			Ant 1		
1M	2402	SISO	-15.35	≤8	PASS
	2440	SISO	-14.65	≤8	PASS
	2480	SISO	-15.62	≤8	PASS
2M	2402	SISO	-18.39	≤8	PASS
	2440	SISO	-18.15	≤8	PASS
	2480	SISO	-19.23	≤8	PASS

3.2 Test Graph

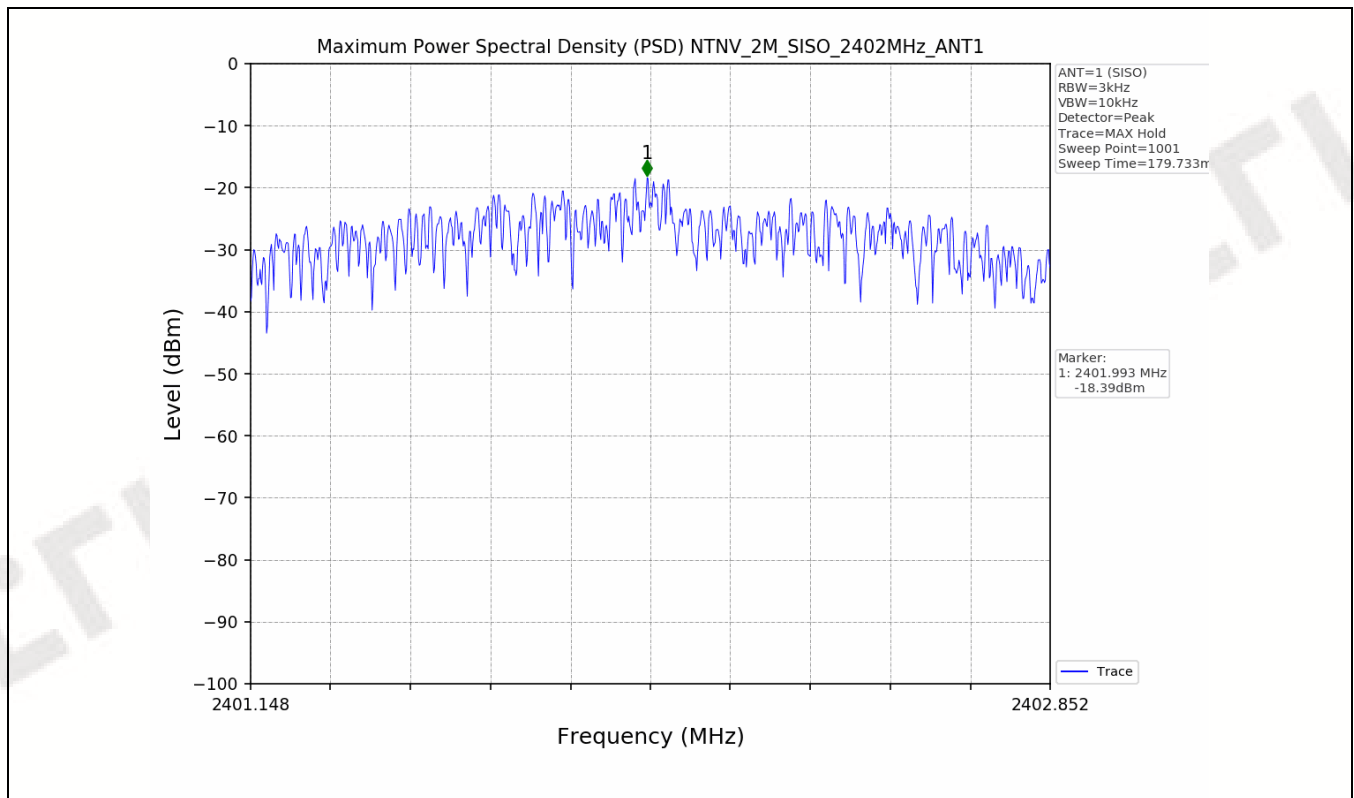


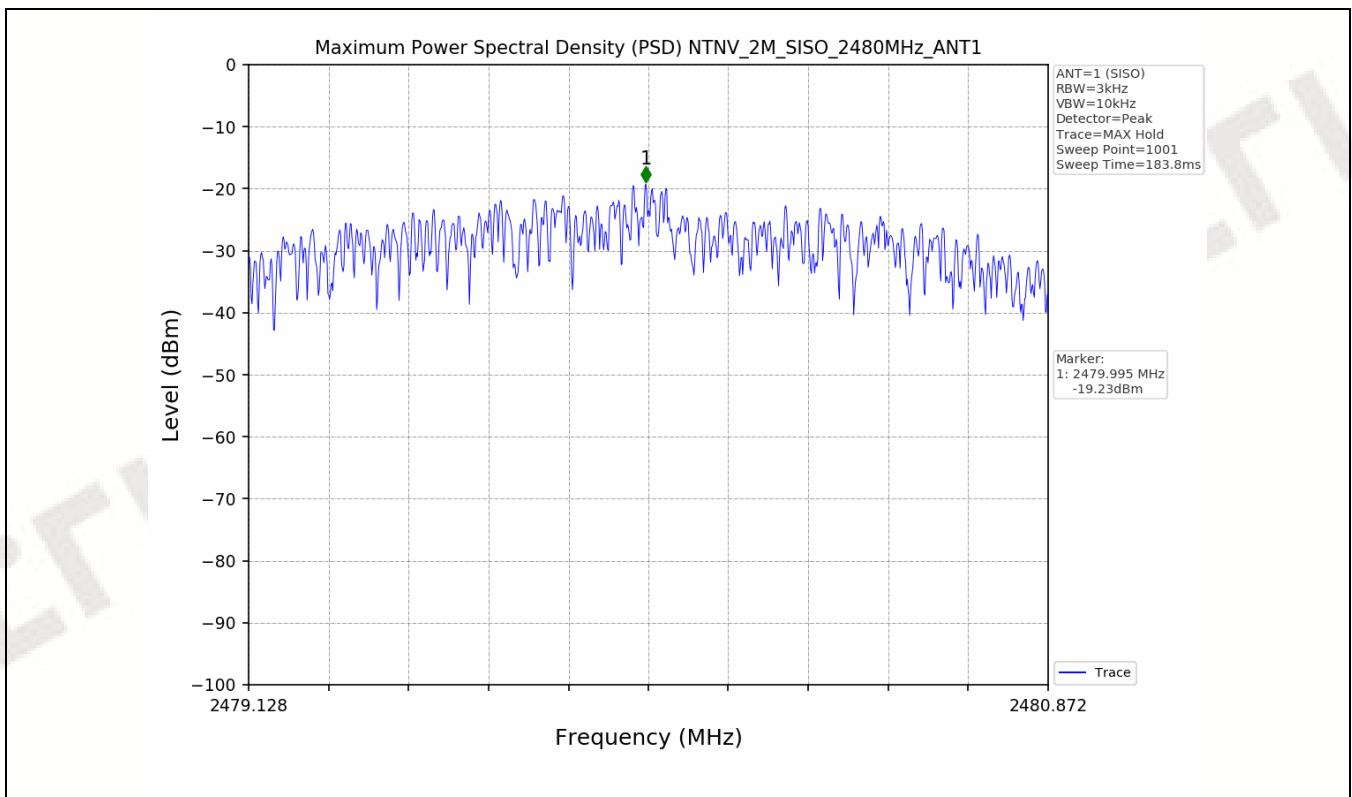
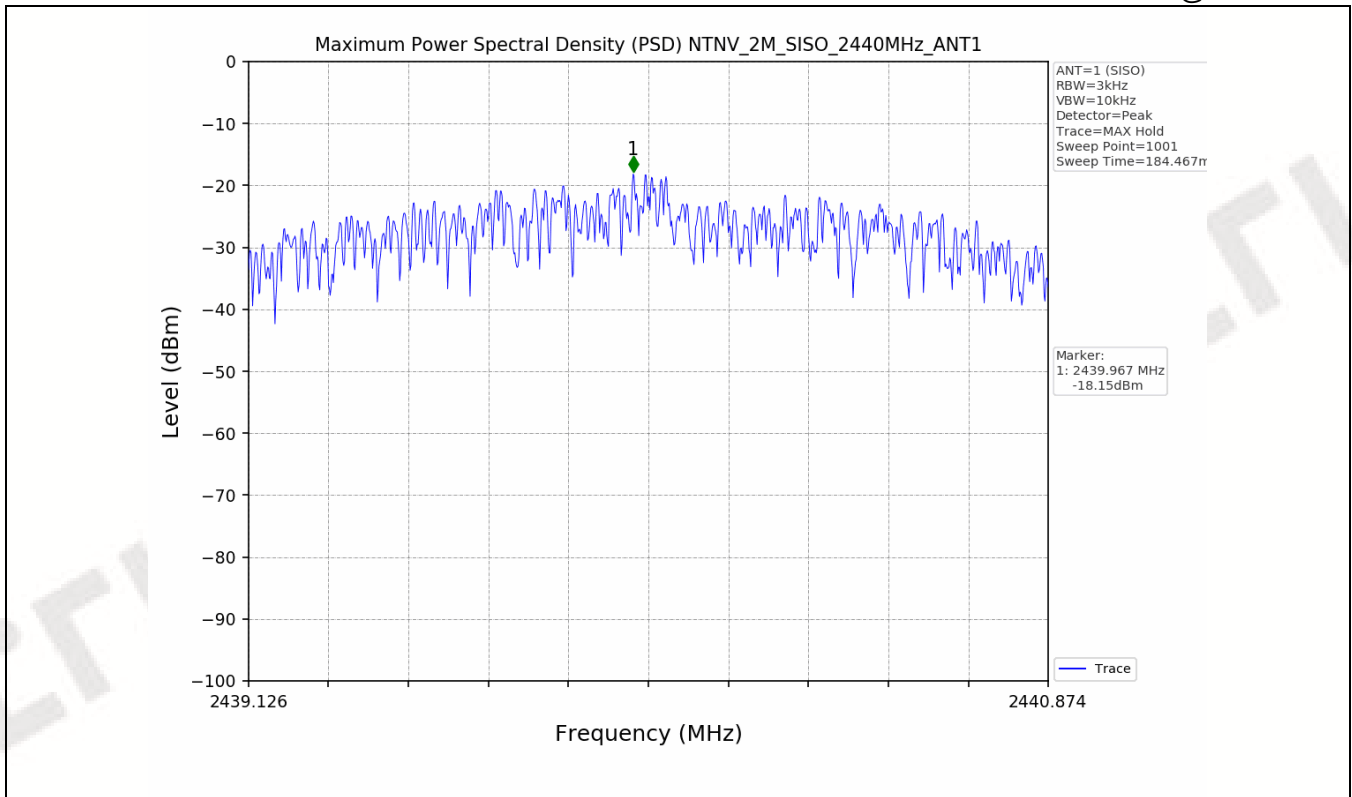




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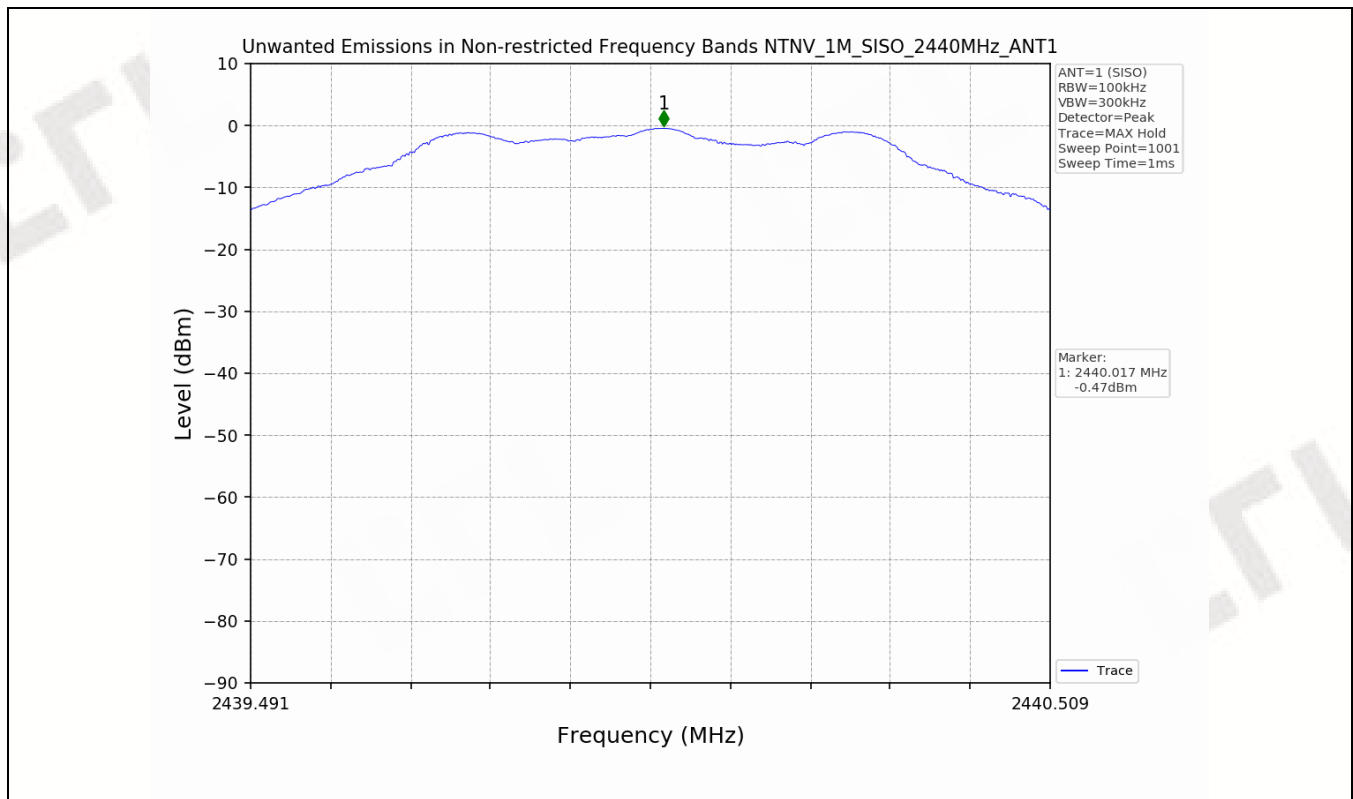
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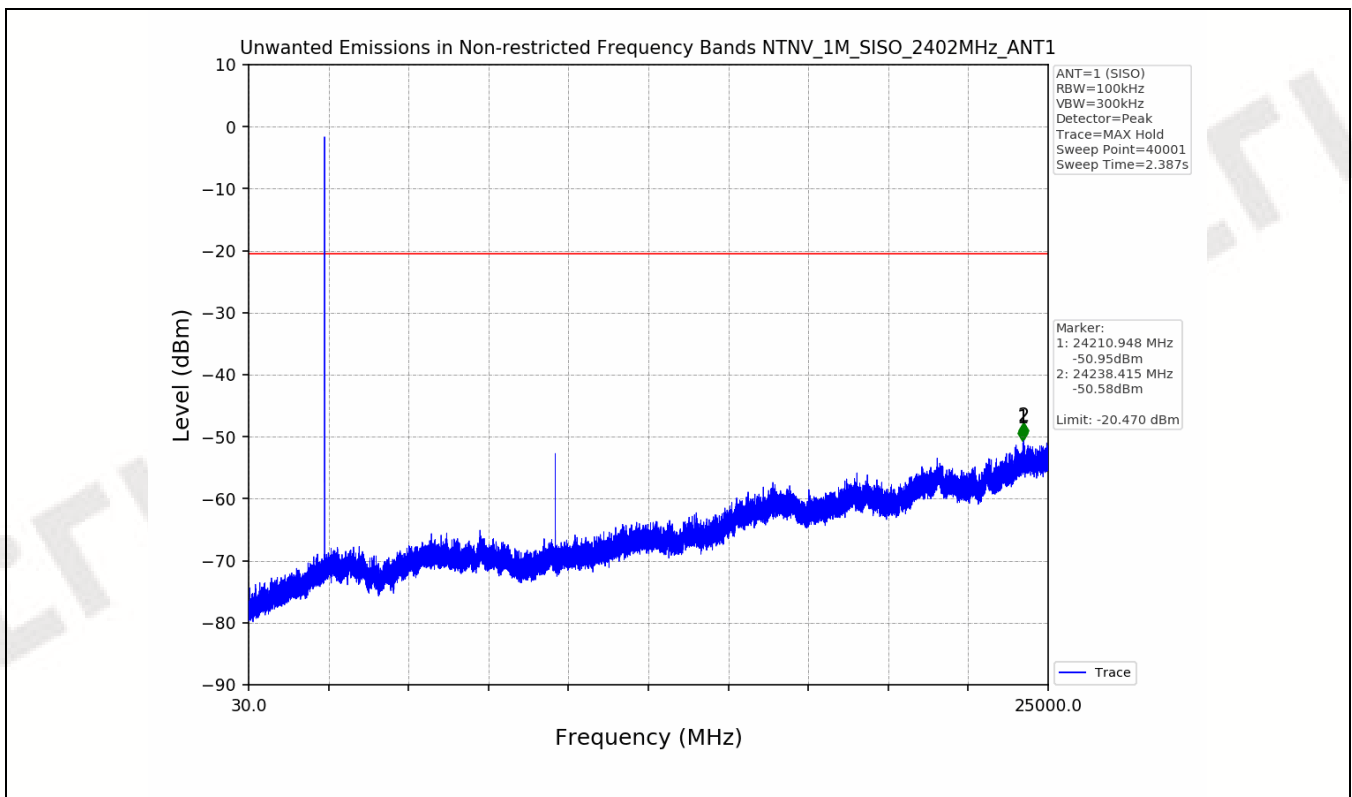
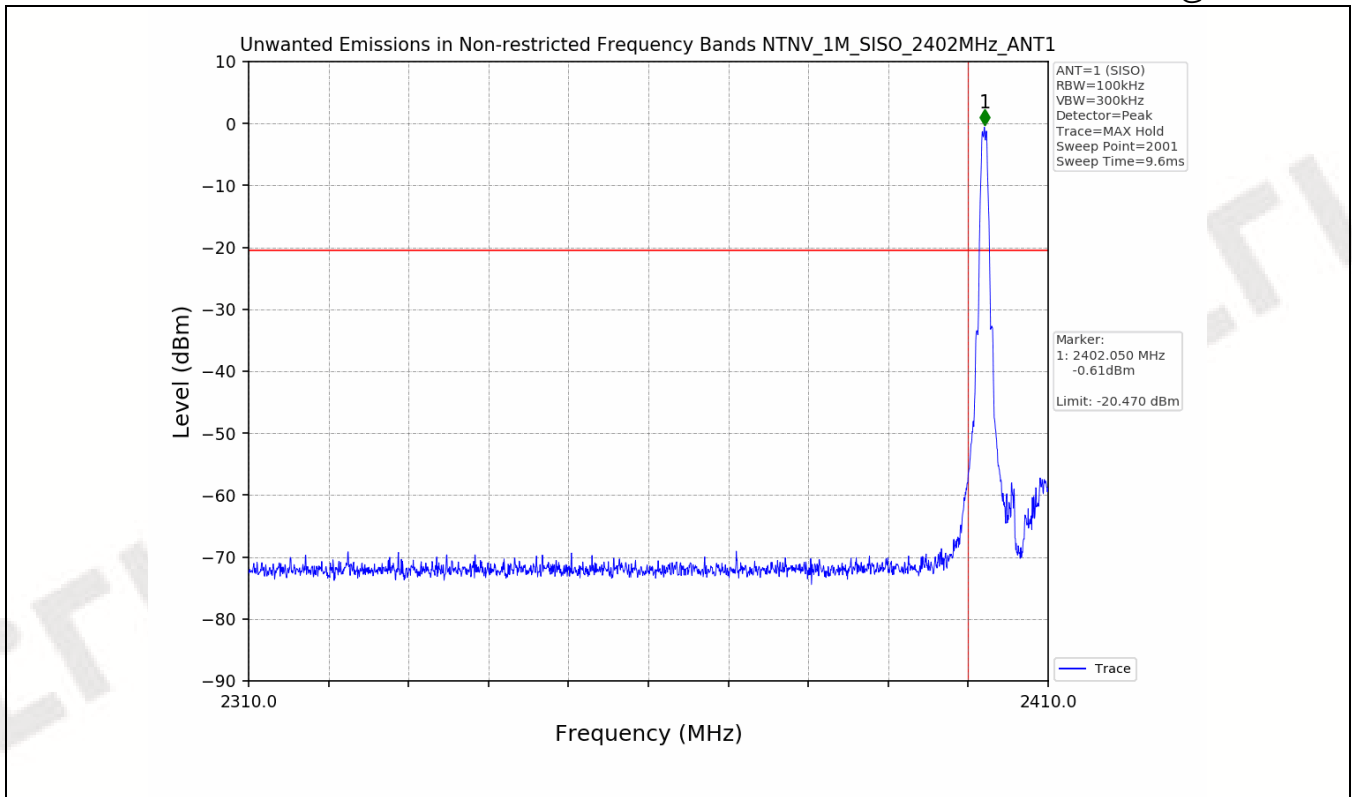
4. Unwanted Emissions in Non-restricted Frequency Bands

4.1 Test Result

Test Mode	Frequency (MHz)	TX Type	ANT No.	Spurious Conducted Emission (dBm)	Limits (dBm)	Verdict
1M	2402	SISO	1	Refer to test graph	-20.47	PASS
	2440	SISO	1	Refer to test graph	-20.47	PASS
	2480	SISO	1	Refer to test graph	-20.47	PASS
2M	2402	SISO	1	Refer to test graph	-20.50	PASS
	2440	SISO	1	Refer to test graph	-20.50	PASS
	2480	SISO	1	Refer to test graph	-20.50	PASS

4.2 Test Graph

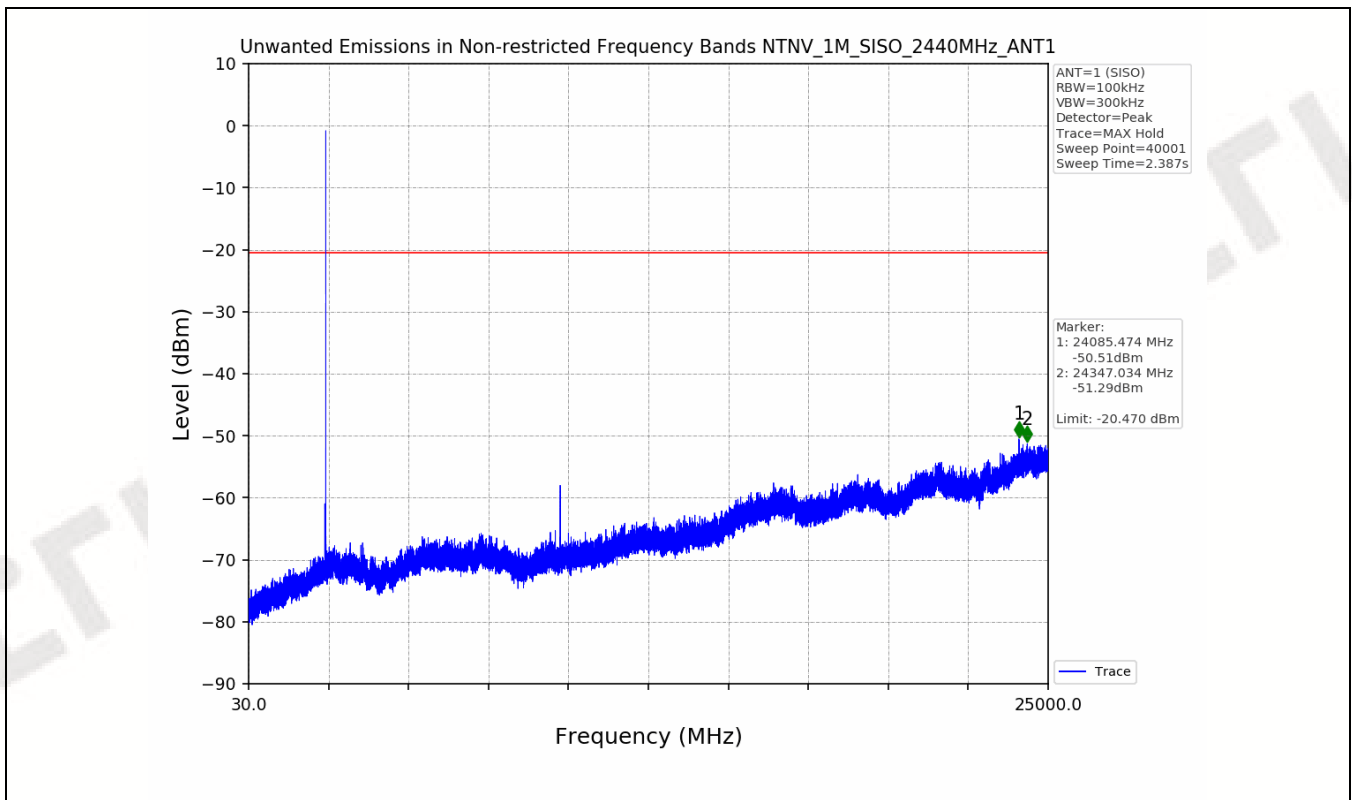


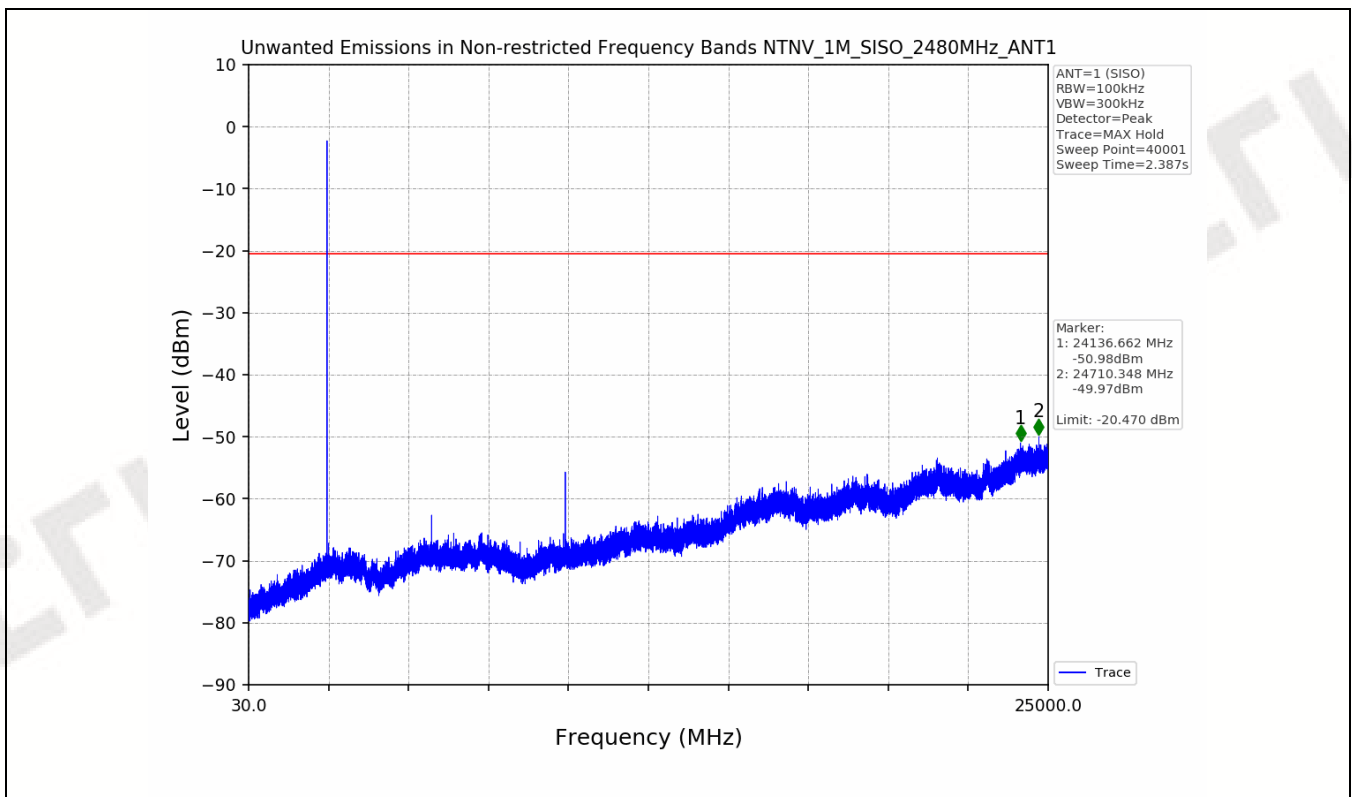
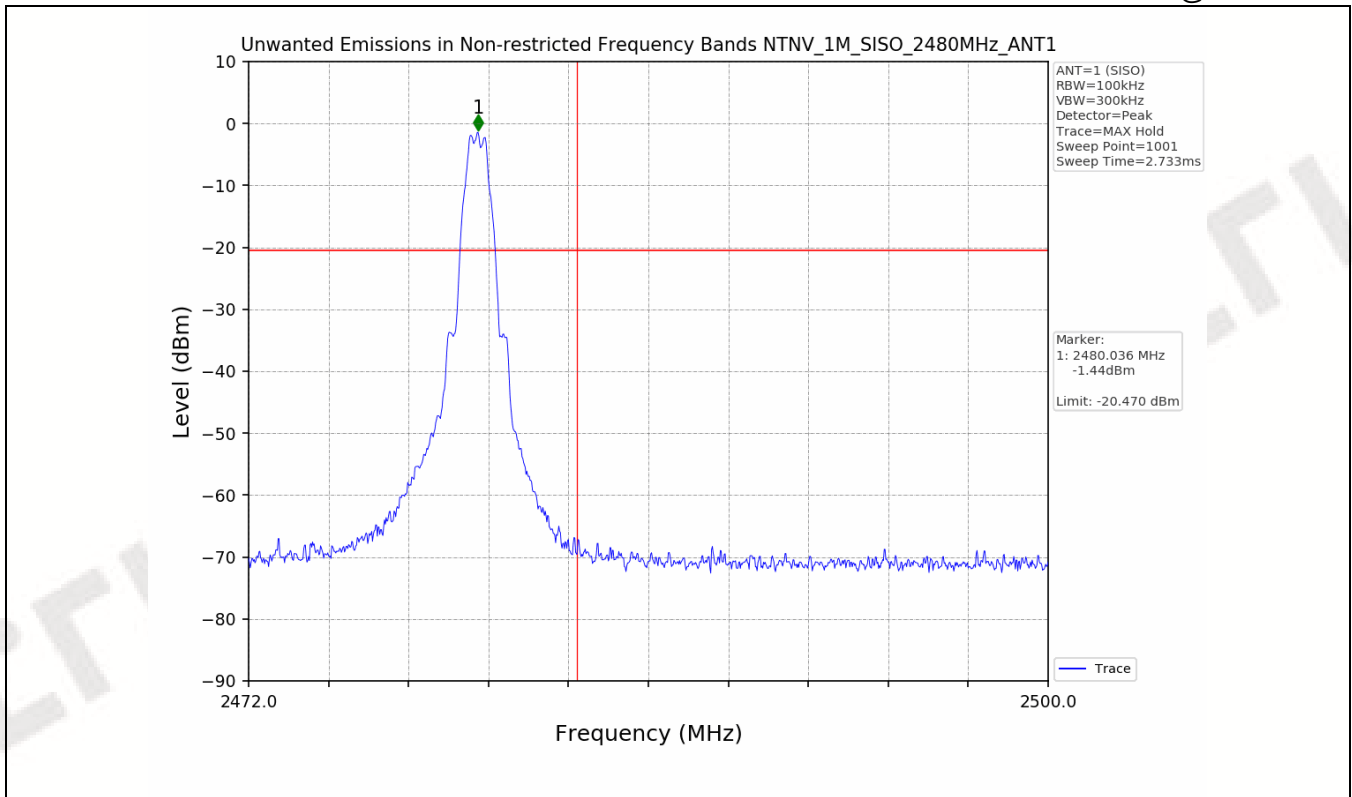




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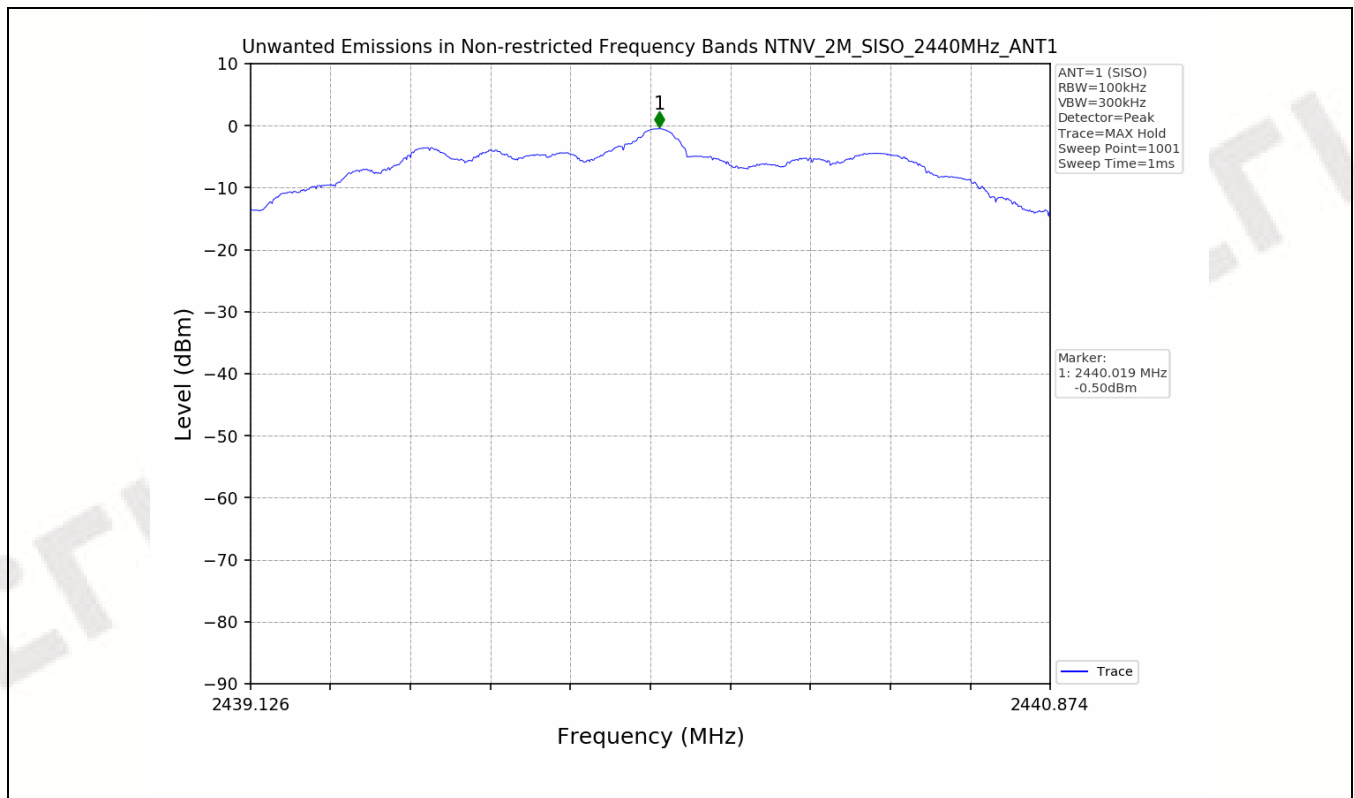


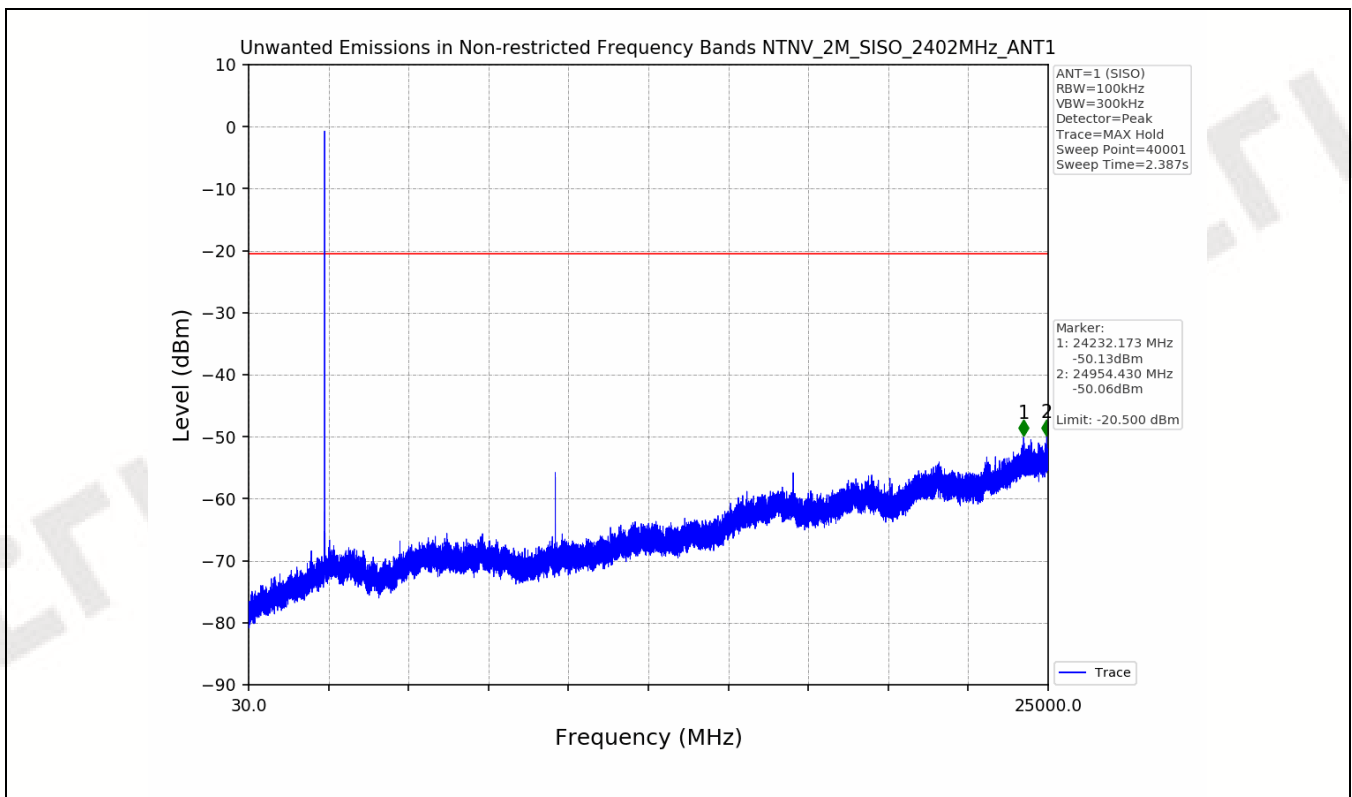
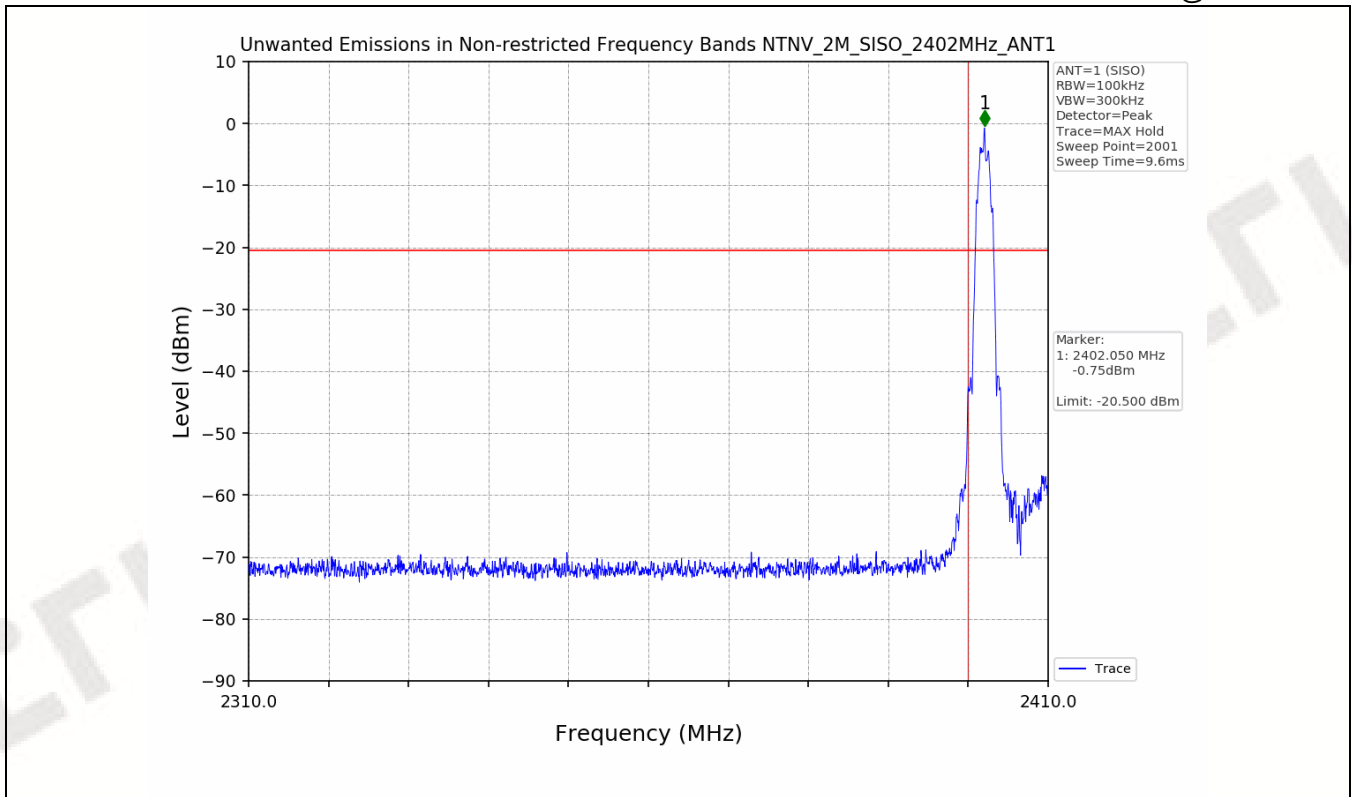




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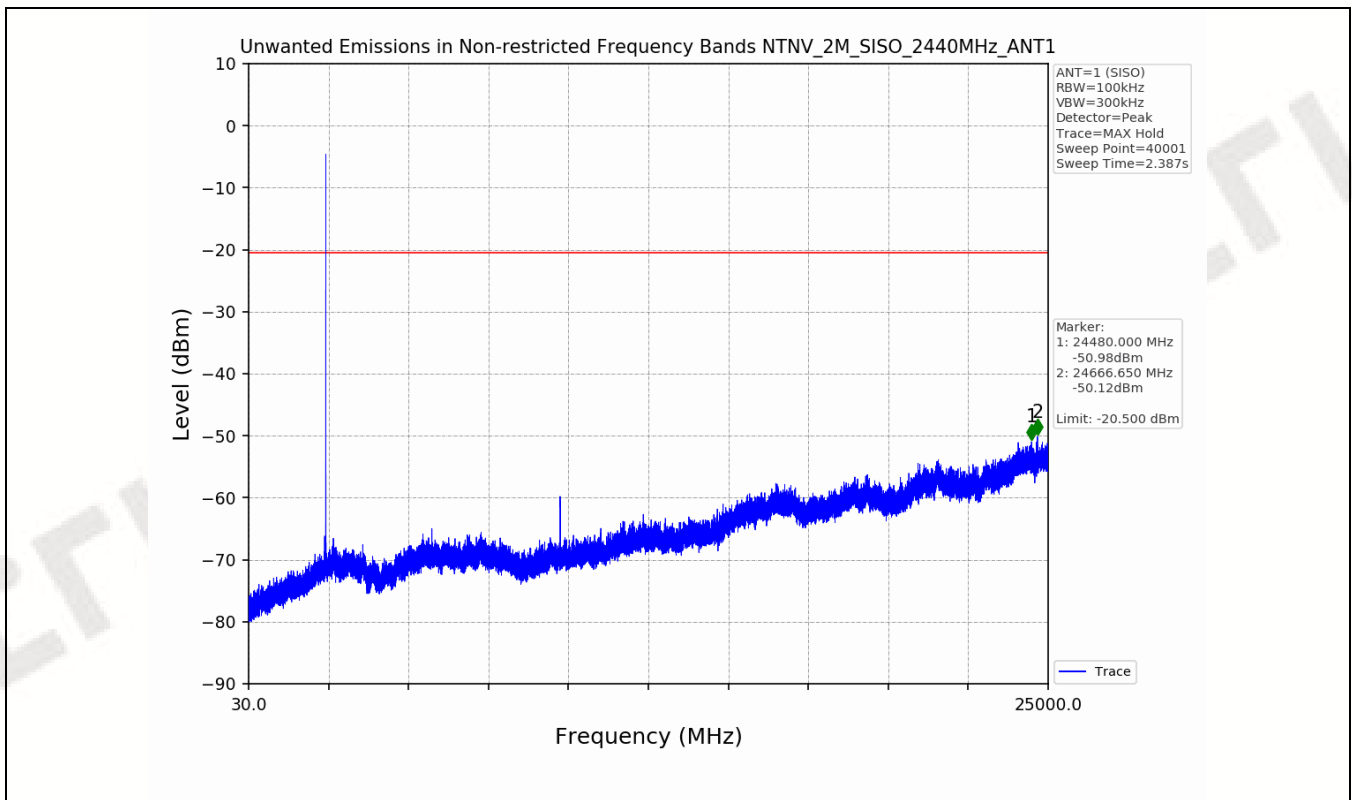


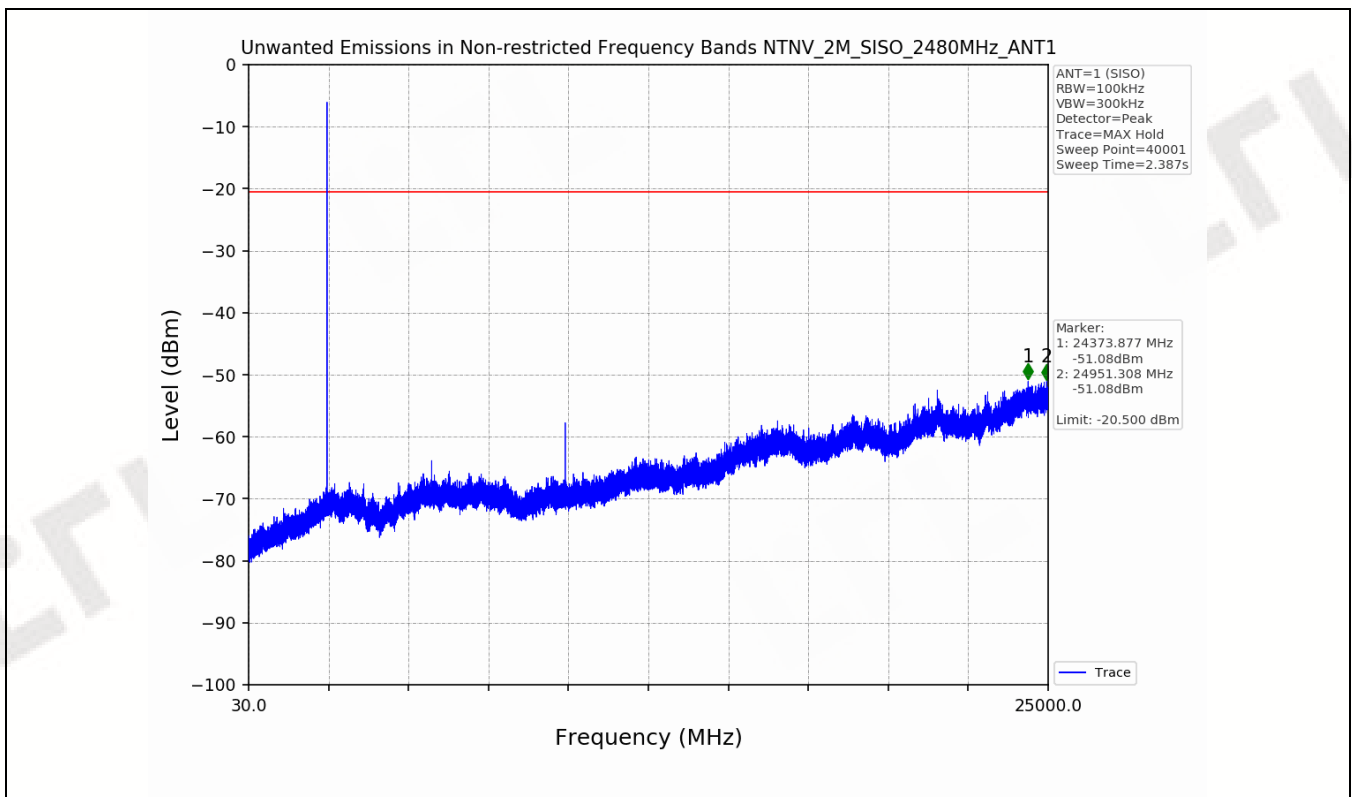
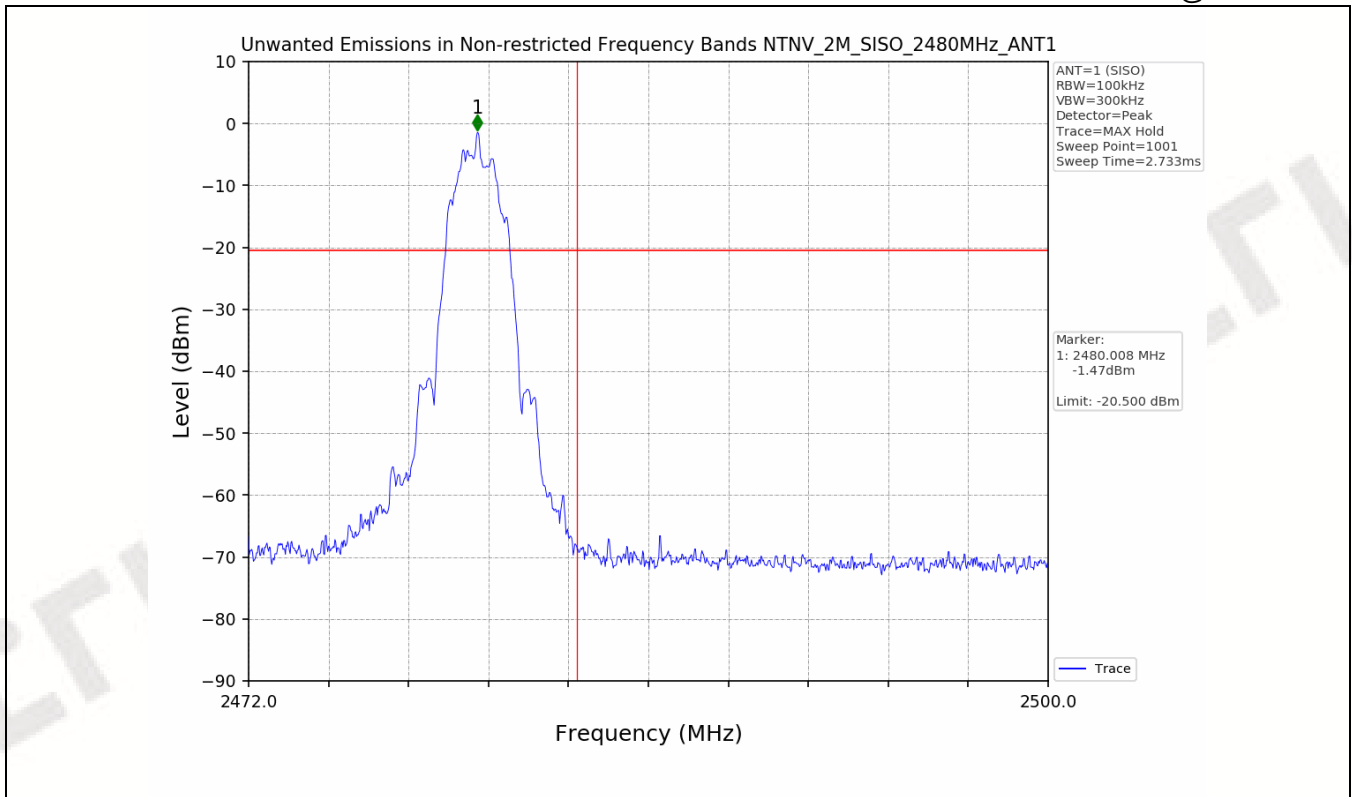




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