



Shenzhen CTL Testing Technology Co., Ltd.

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FCC ID: 2AZ5D-SN93

Appendix for 15.247

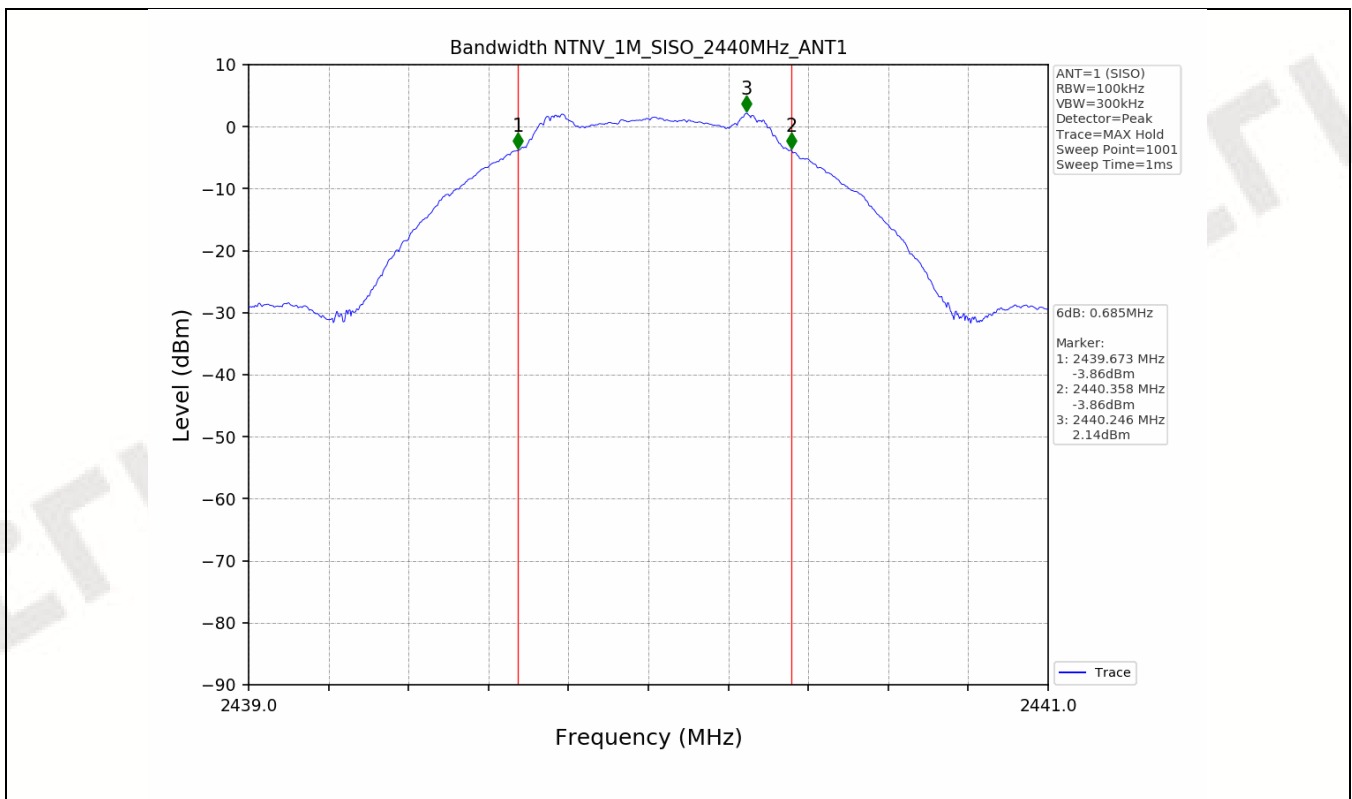
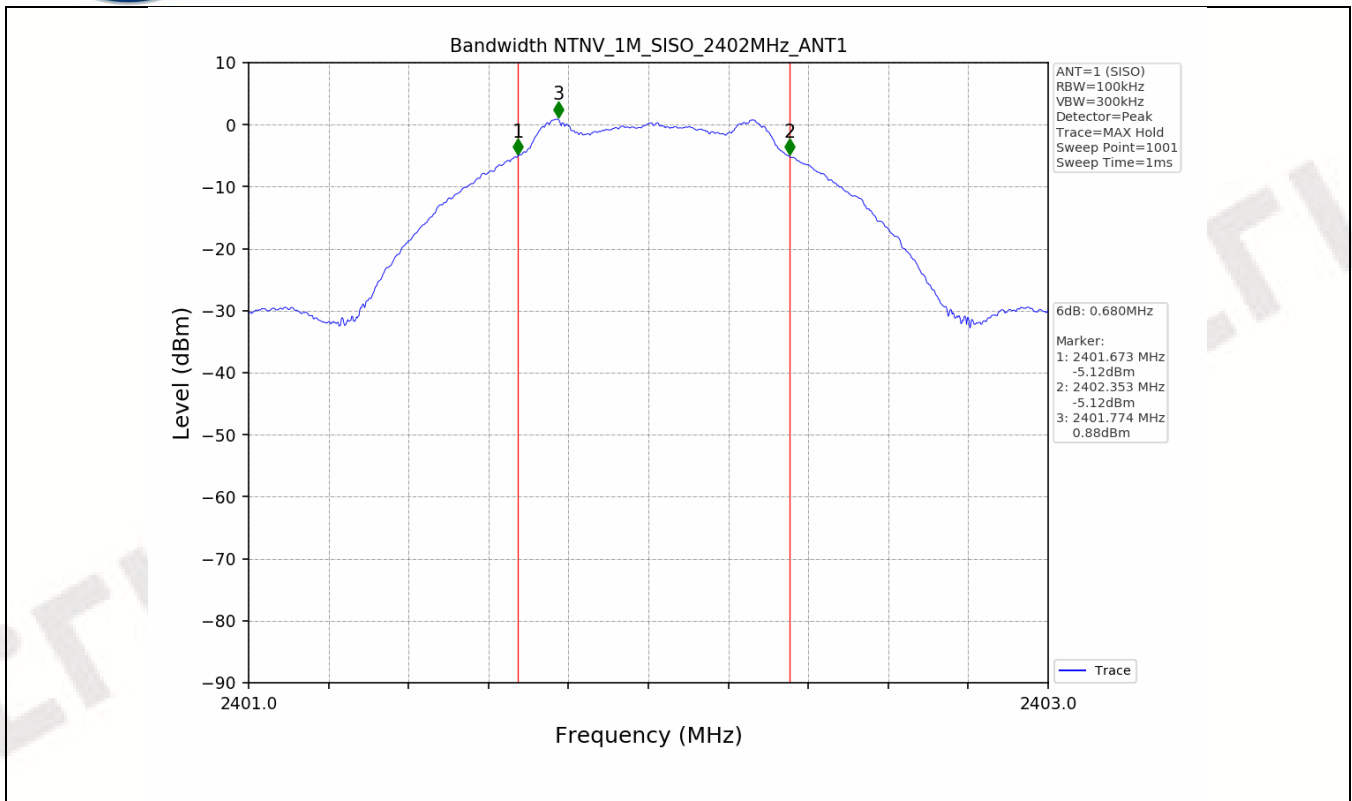
1. Bandwidth

1.1 Test Result

Test Mode	Frequency (MHz)	TX Type	ANT No.	6dB Bandwidth		Verdict
				Test Result (MHz)	Limits (MHz)	
1M	2402	SISO	1	0.680	≥ 0.5	PASS
	2440	SISO	1	0.685	≥ 0.5	PASS
	2480	SISO	1	0.663	≥ 0.5	PASS
2M	2402	SISO	1	1.358	≥ 0.5	PASS
	2440	SISO	1	1.350	≥ 0.5	PASS
	2480	SISO	1	1.379	≥ 0.5	PASS

Test Mode	Frequency (MHz)	TX Type	ANT No.	99% Occupied Bandwidth	
				Test Result (MHz)	
1M	2402	SISO	1	1.054	Only for Report Use
	2440	SISO	1	1.041	Only for Report Use
	2480	SISO	1	1.043	Only for Report Use
2M	2402	SISO	1	2.075	Only for Report Use
	2440	SISO	1	2.082	Only for Report Use
	2480	SISO	1	2.074	Only for Report Use

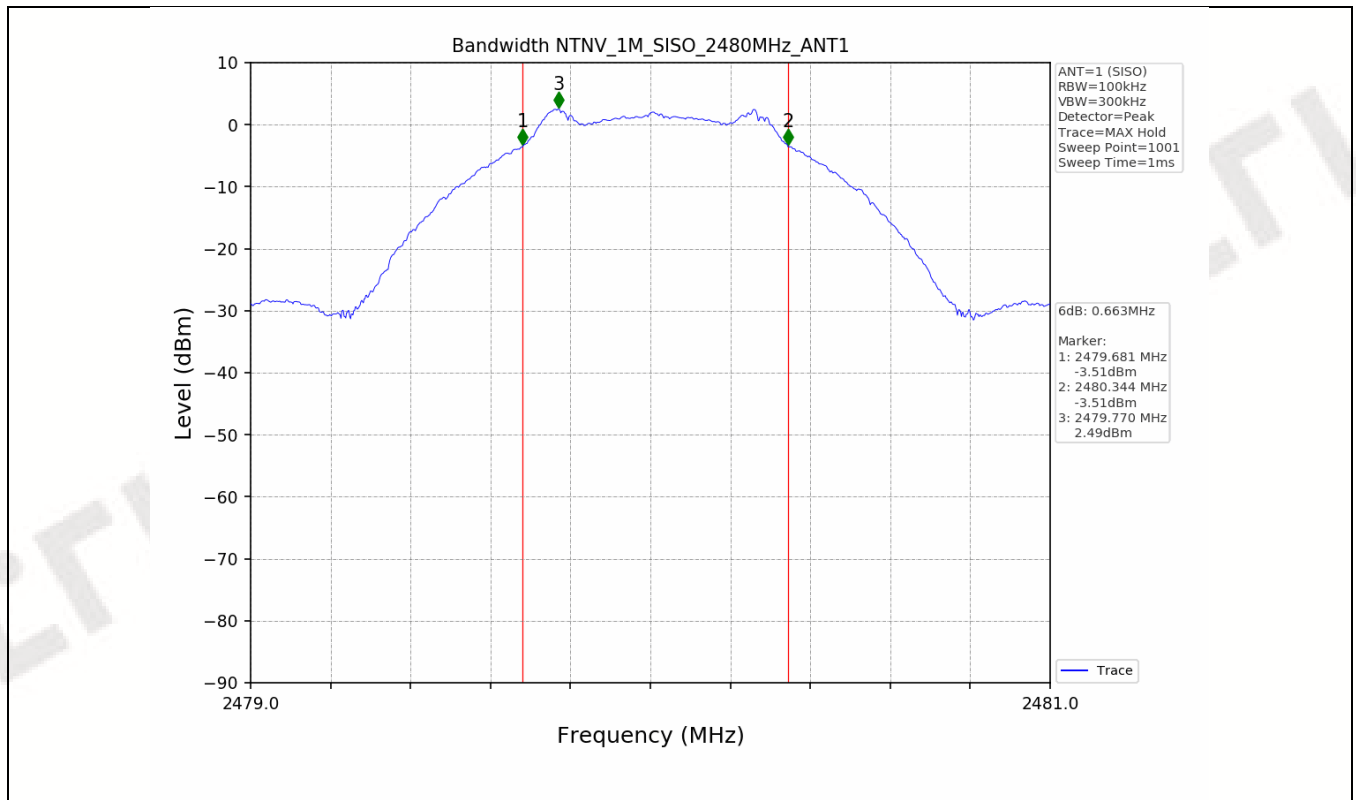
1.2 Test Graph - 6dB Bandwidth

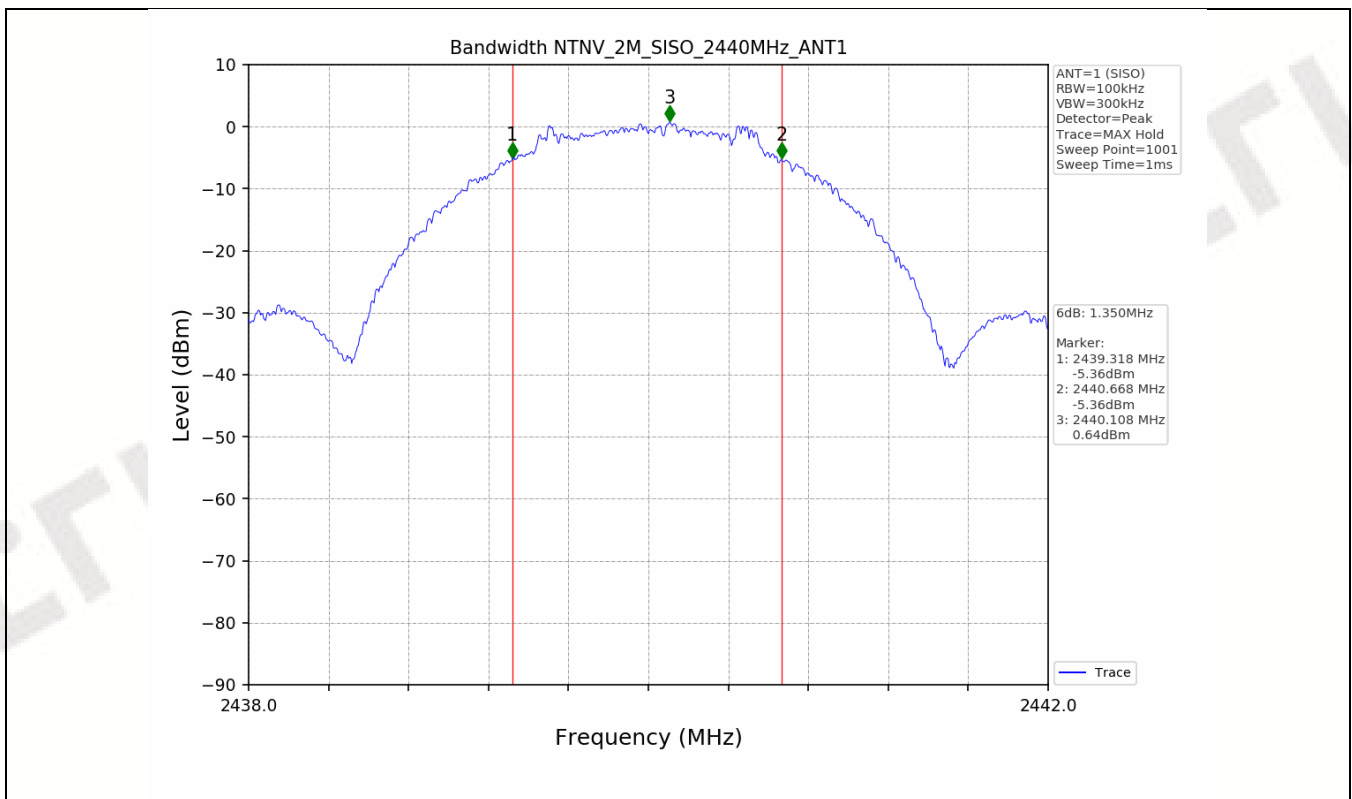
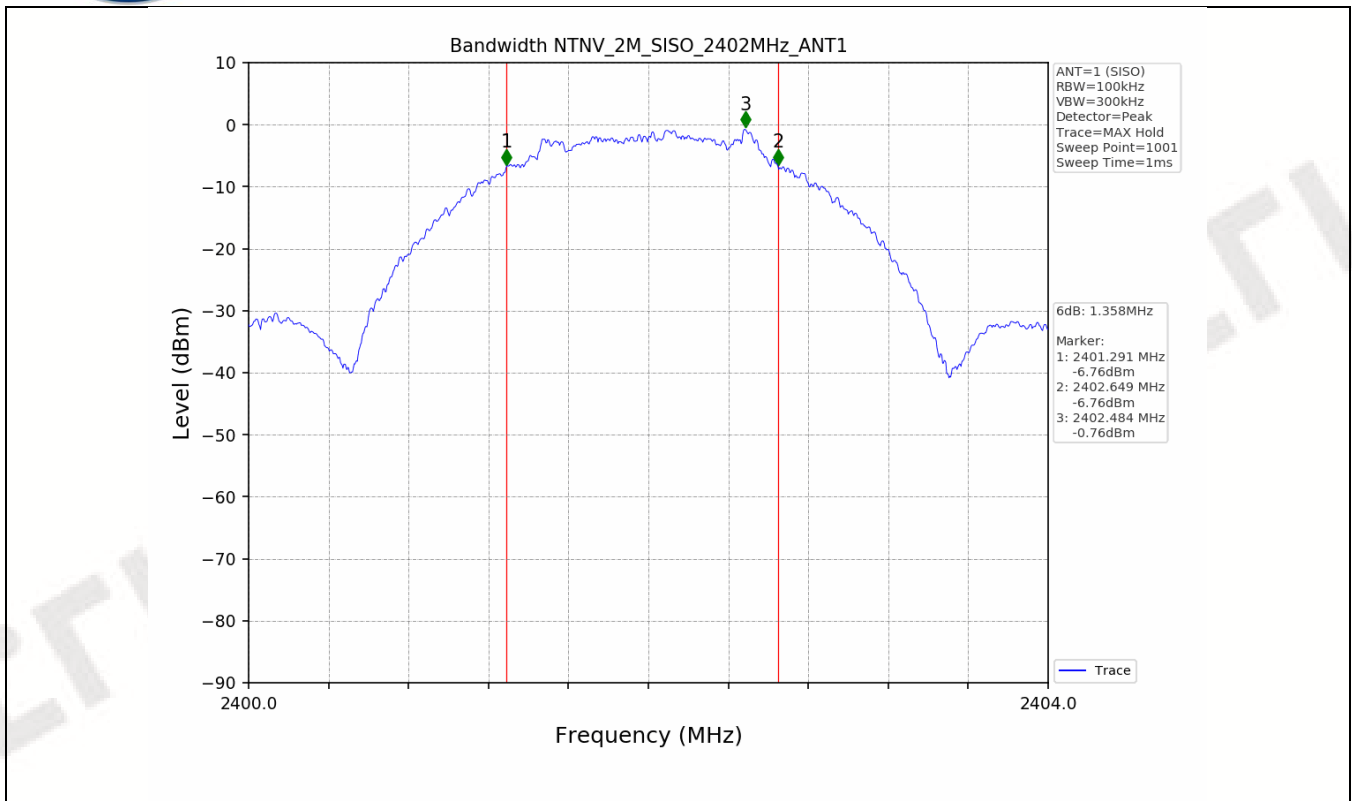


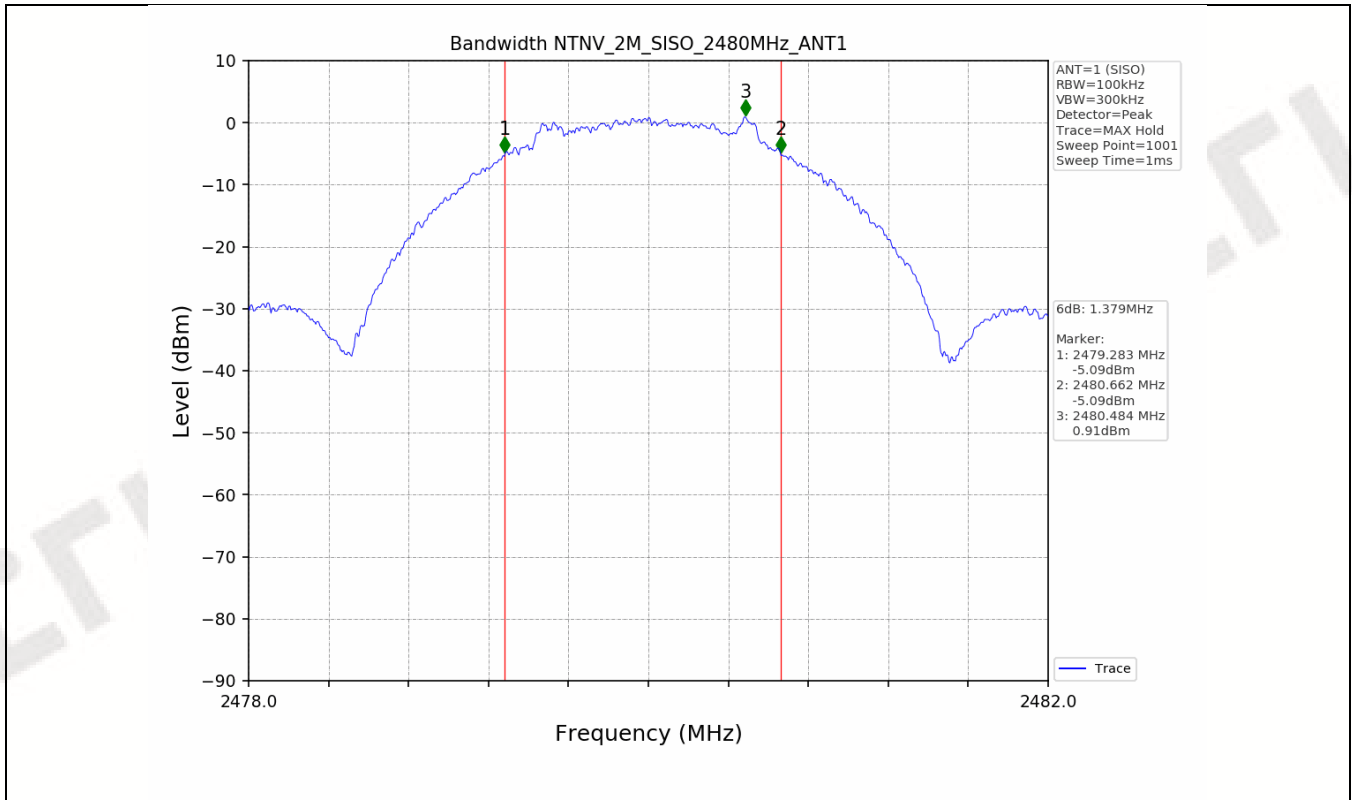


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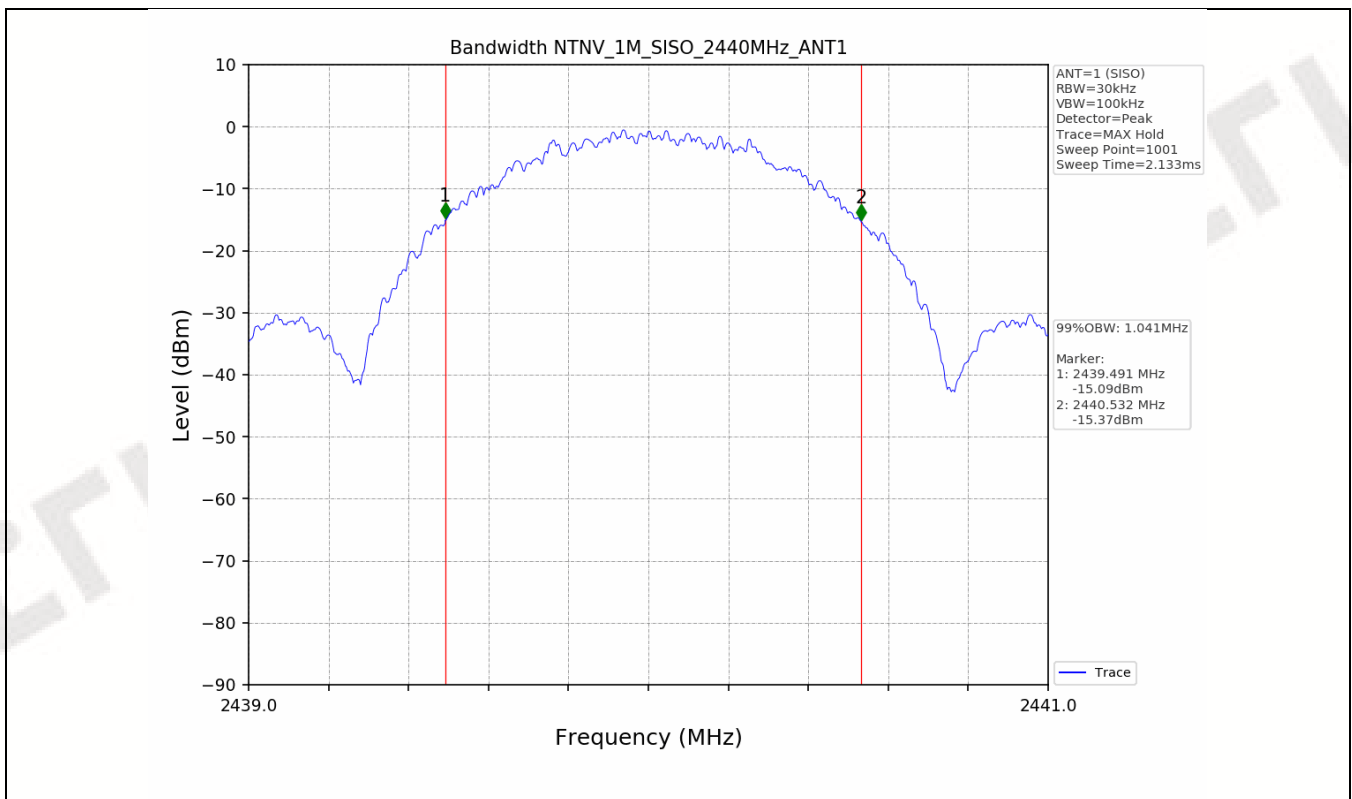
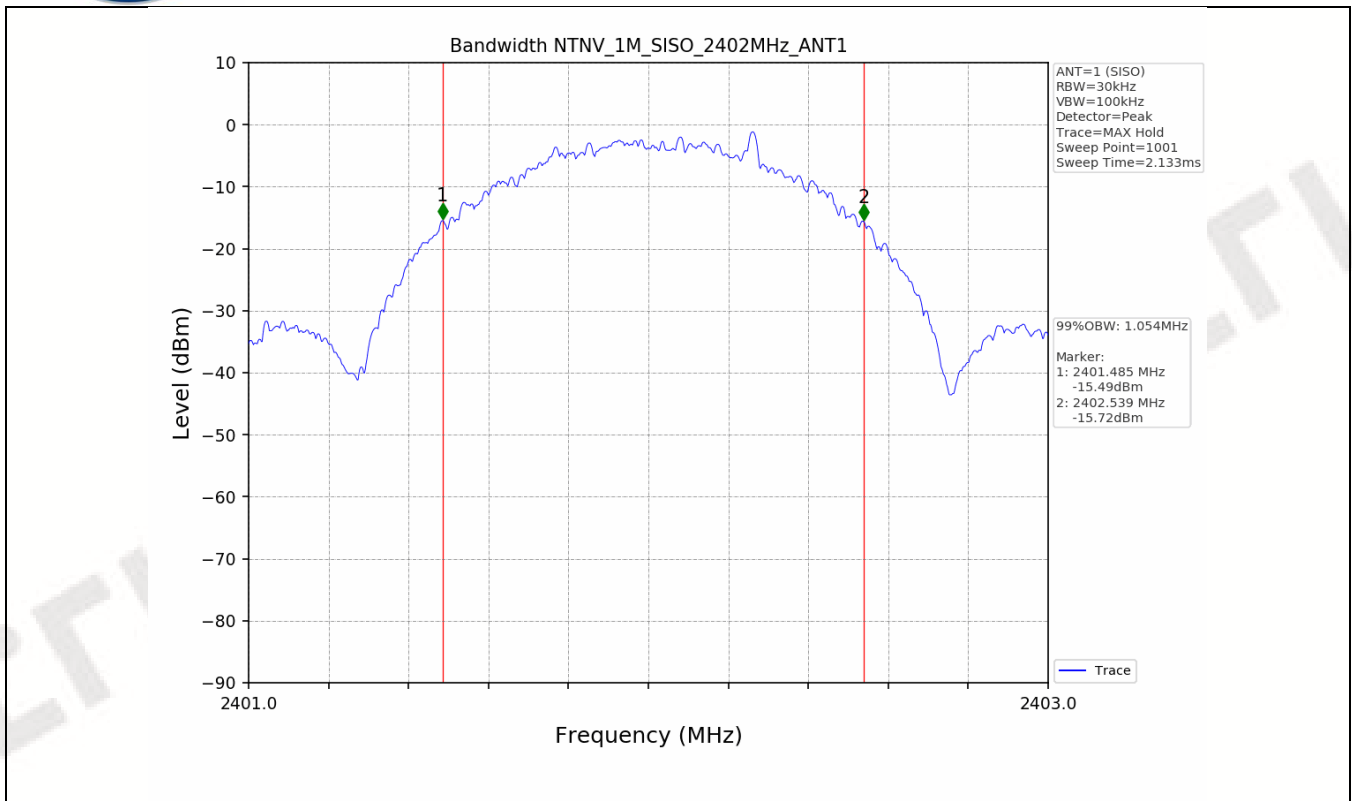
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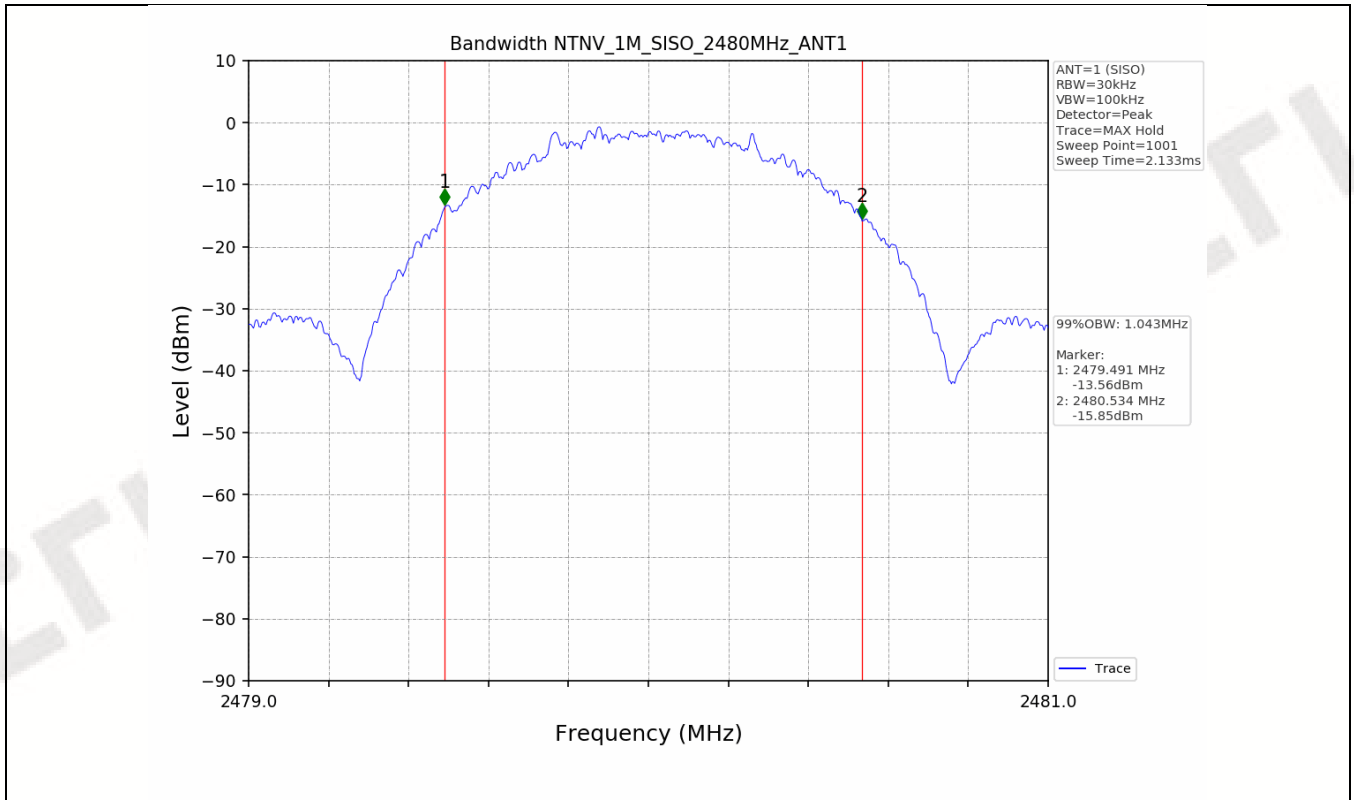
1.3 Test Graph - 99% Occupied Bandwidth

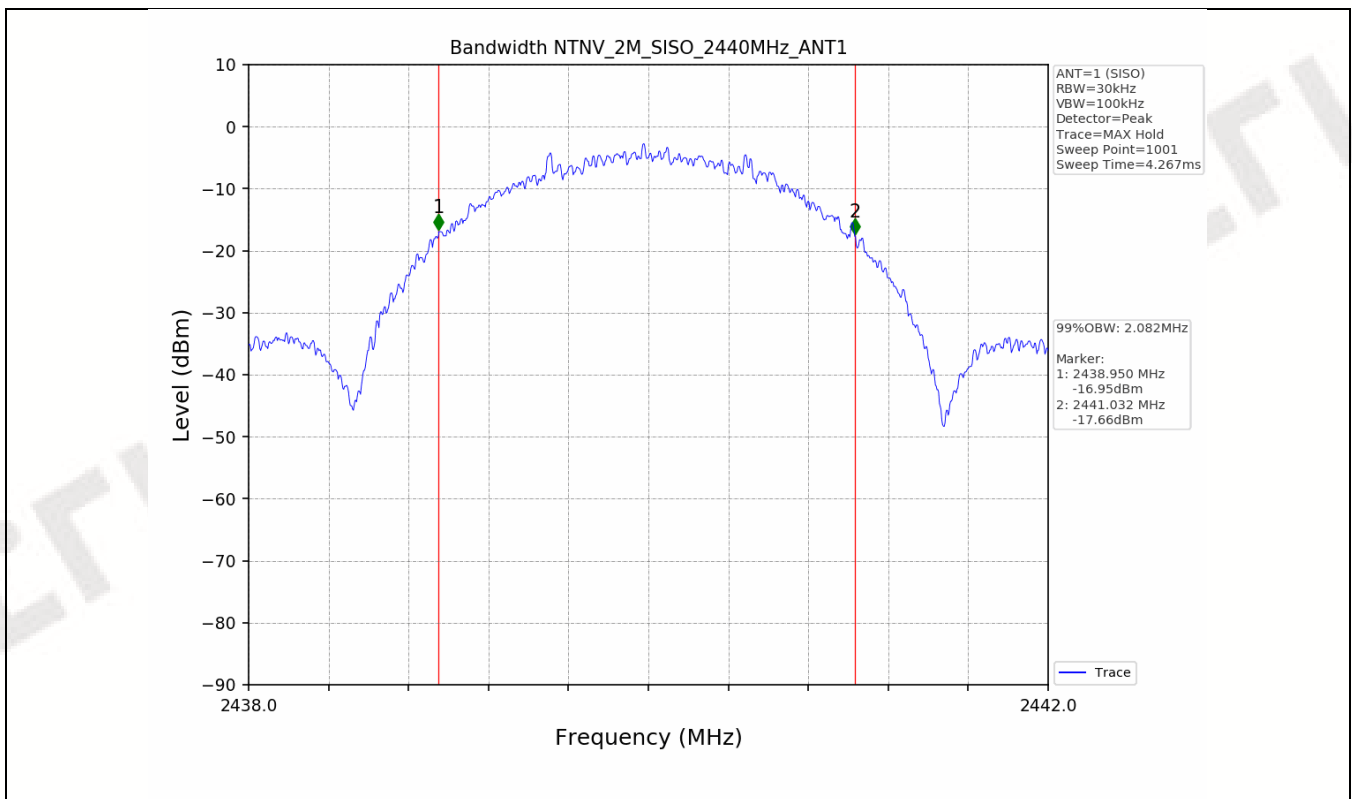
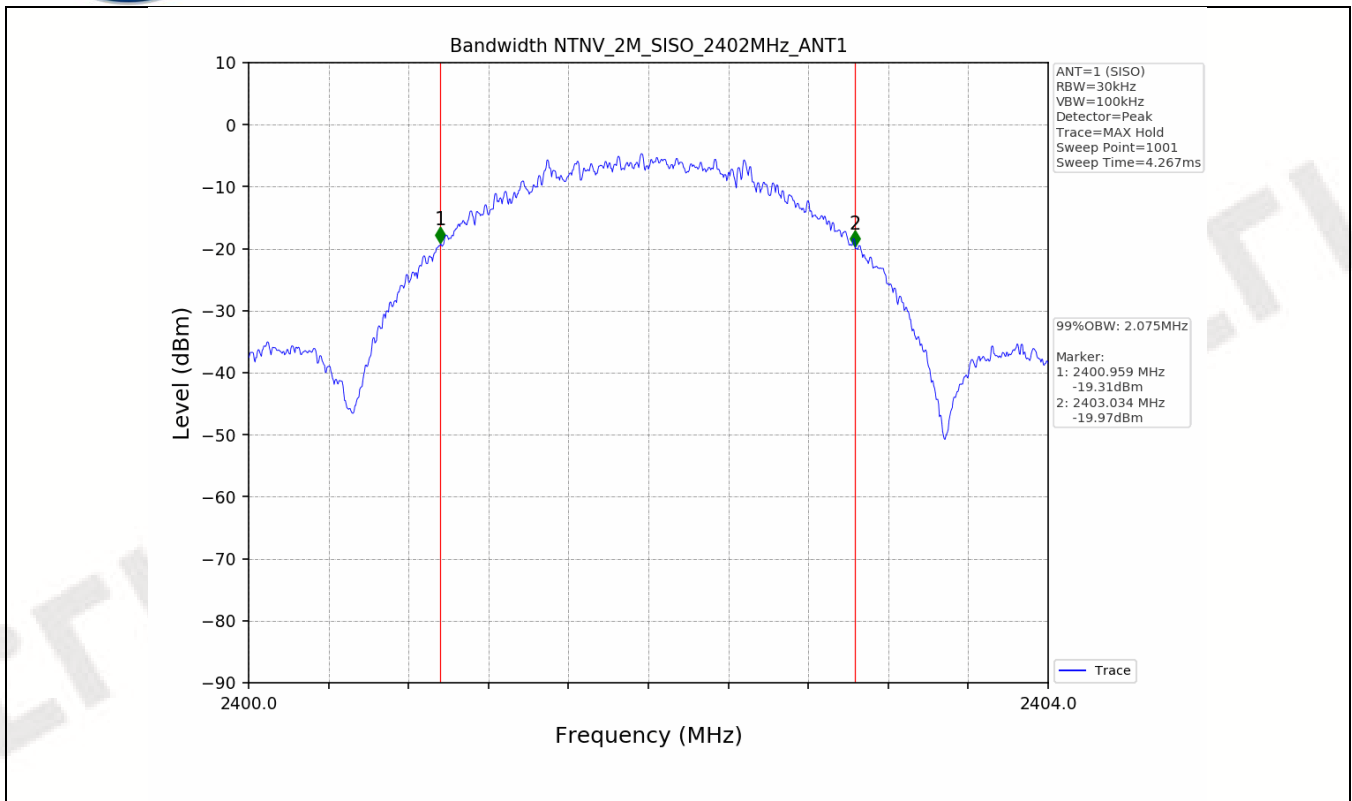


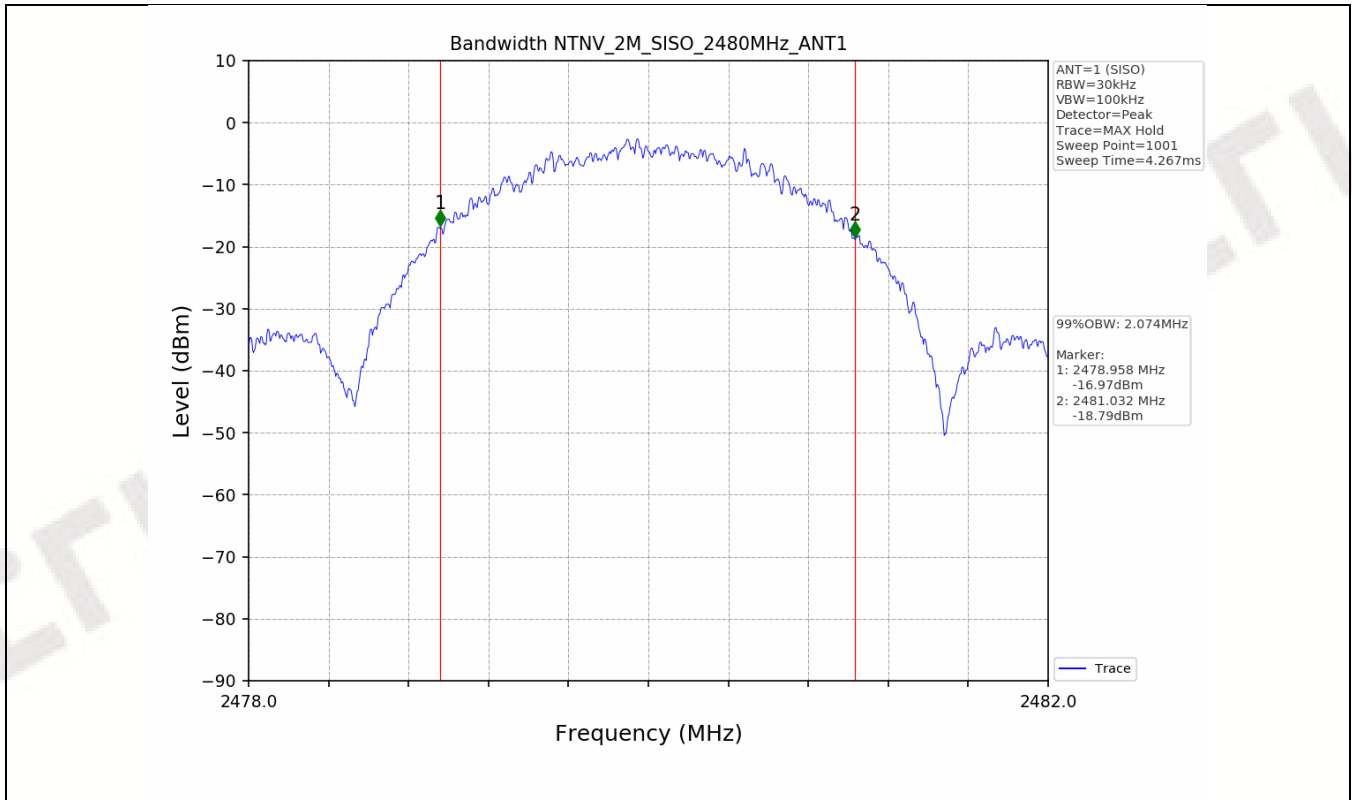


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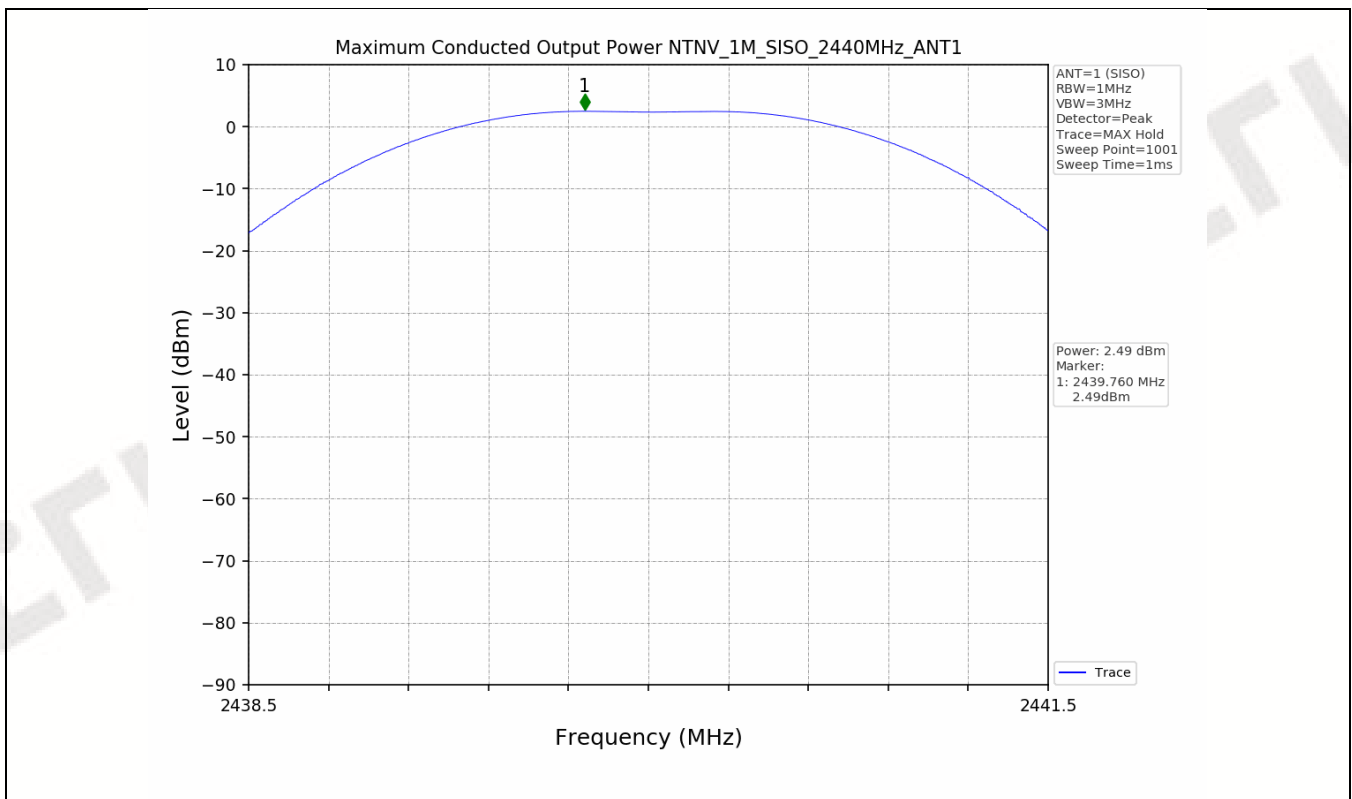
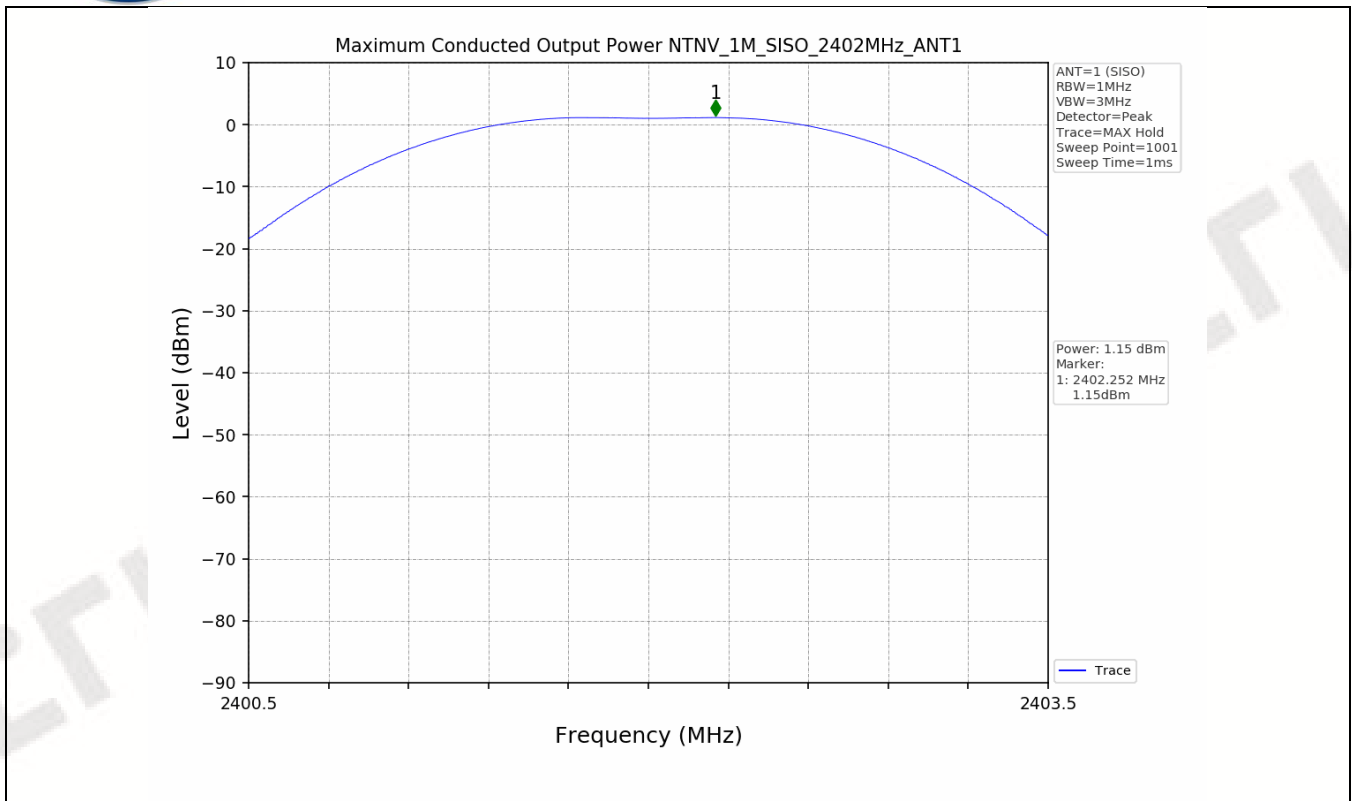


2. Maximum Conducted Output Power

2.1 Test Result

Test Mode	Frequency (MHz)	Tx Type	Measured Peak Output Power (dBm)	Limits (dBm)	Verdict
			Ant 1		
1M	2402	SISO	1.15	30	PASS
	2440	SISO	2.49	30	PASS
	2480	SISO	2.67	30	PASS
2M	2402	SISO	0.90	30	PASS
	2440	SISO	2.41	30	PASS
	2480	SISO	2.62	30	PASS

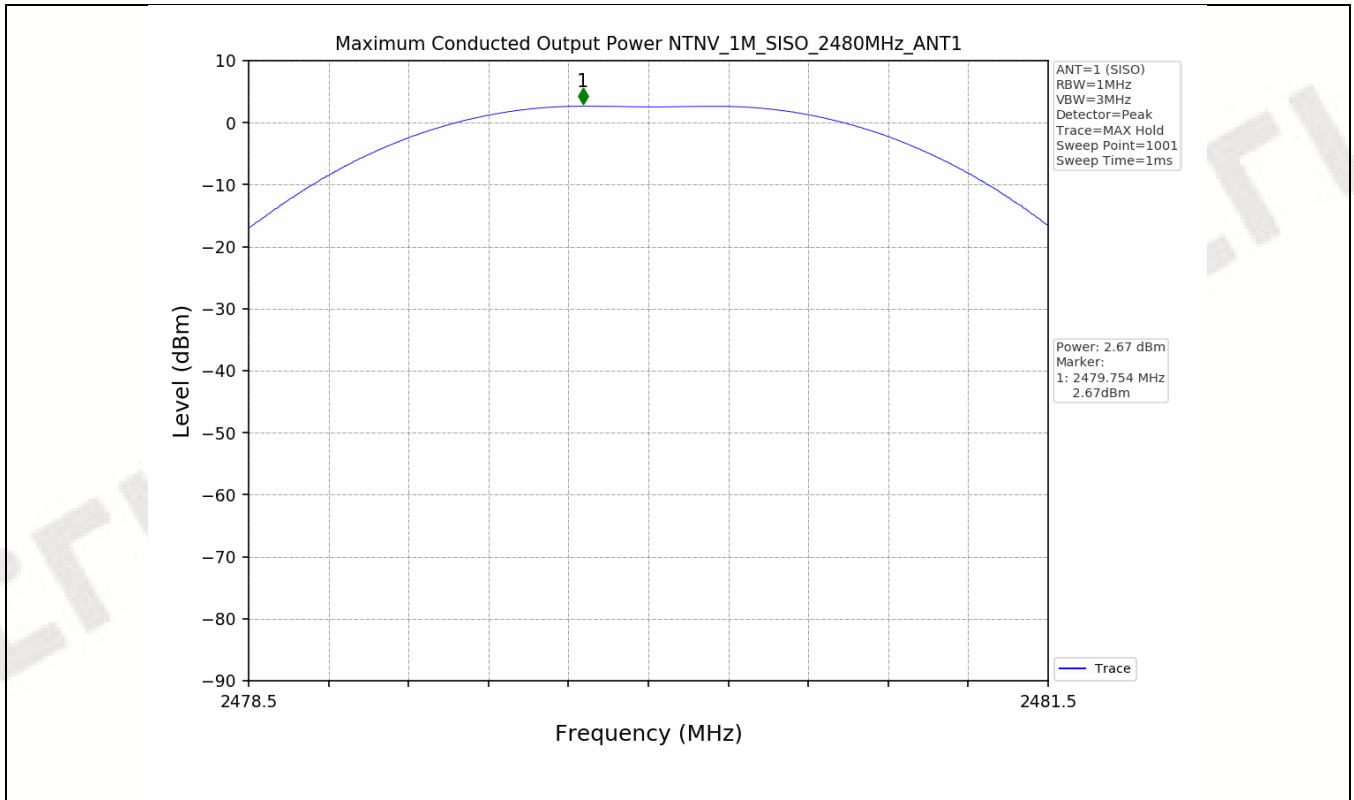
2.2 Test Graph

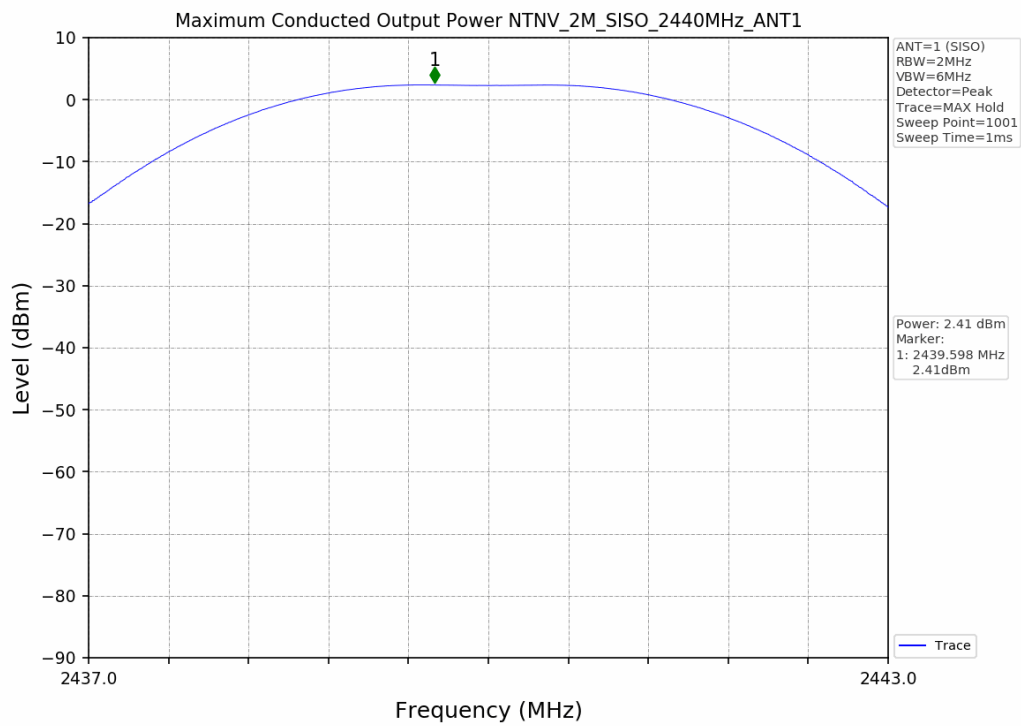
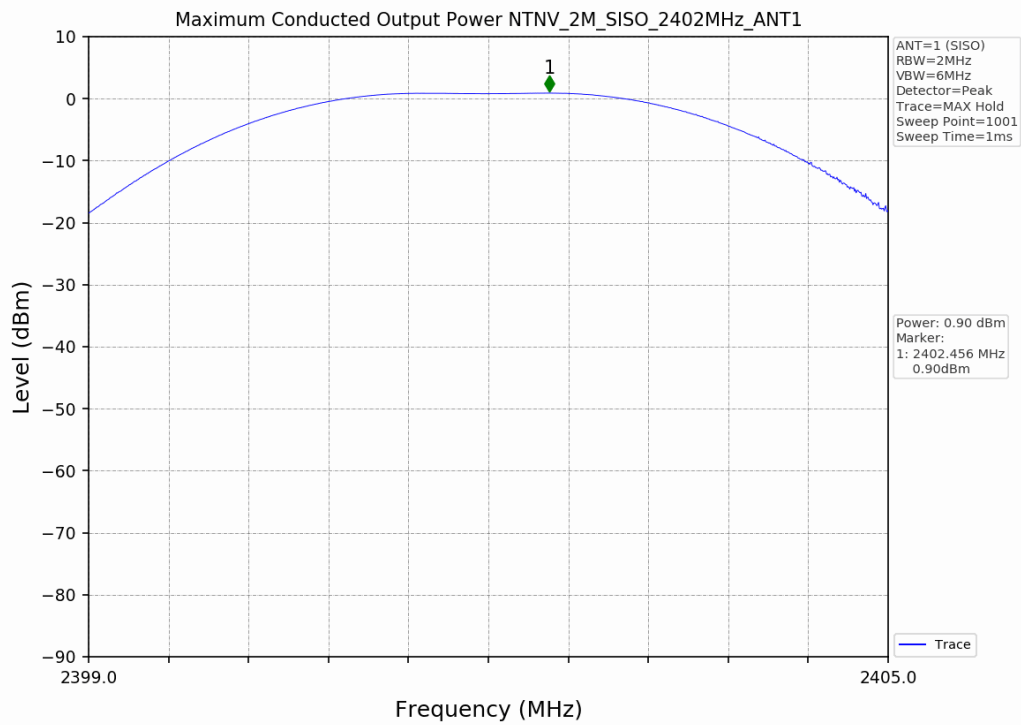


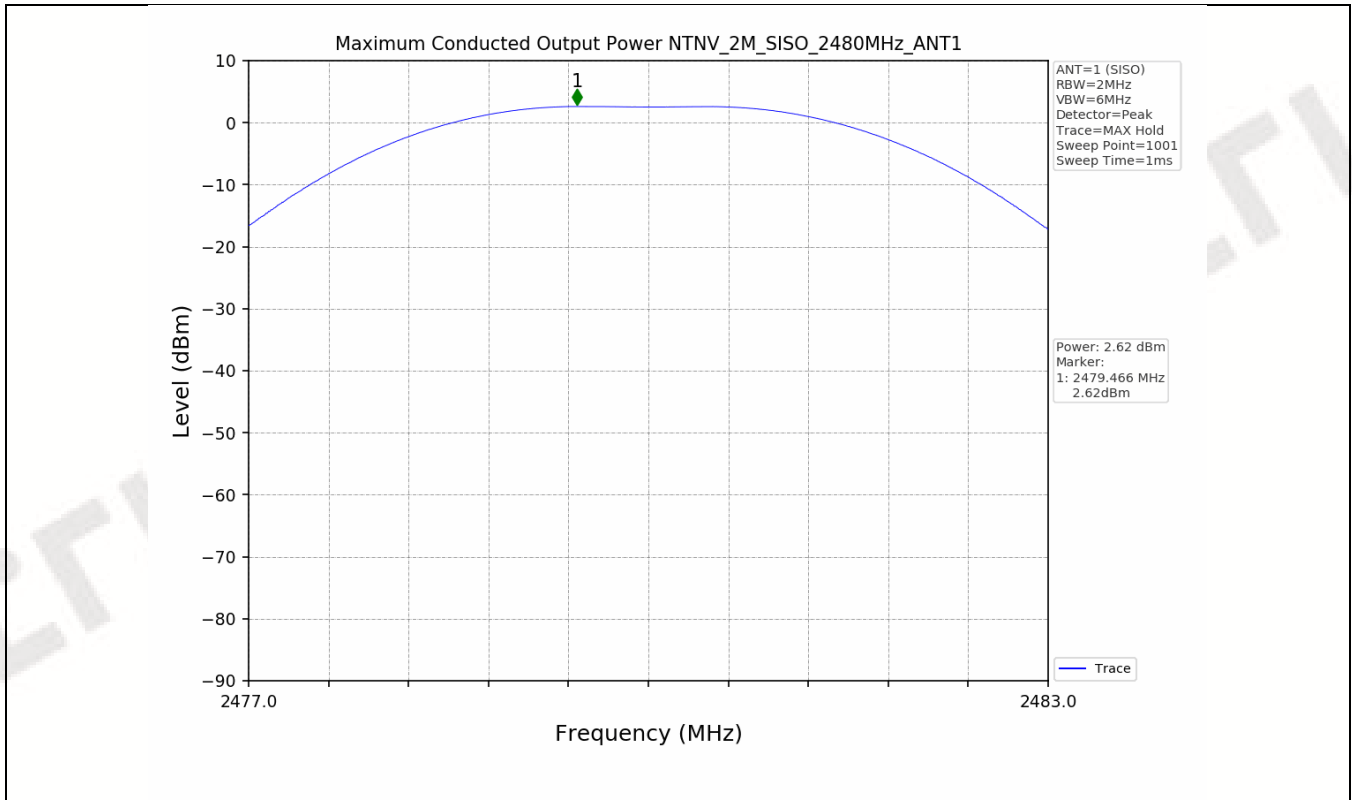


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3. Maximum Power Spectral Density (PSD)

3.1 Test Result

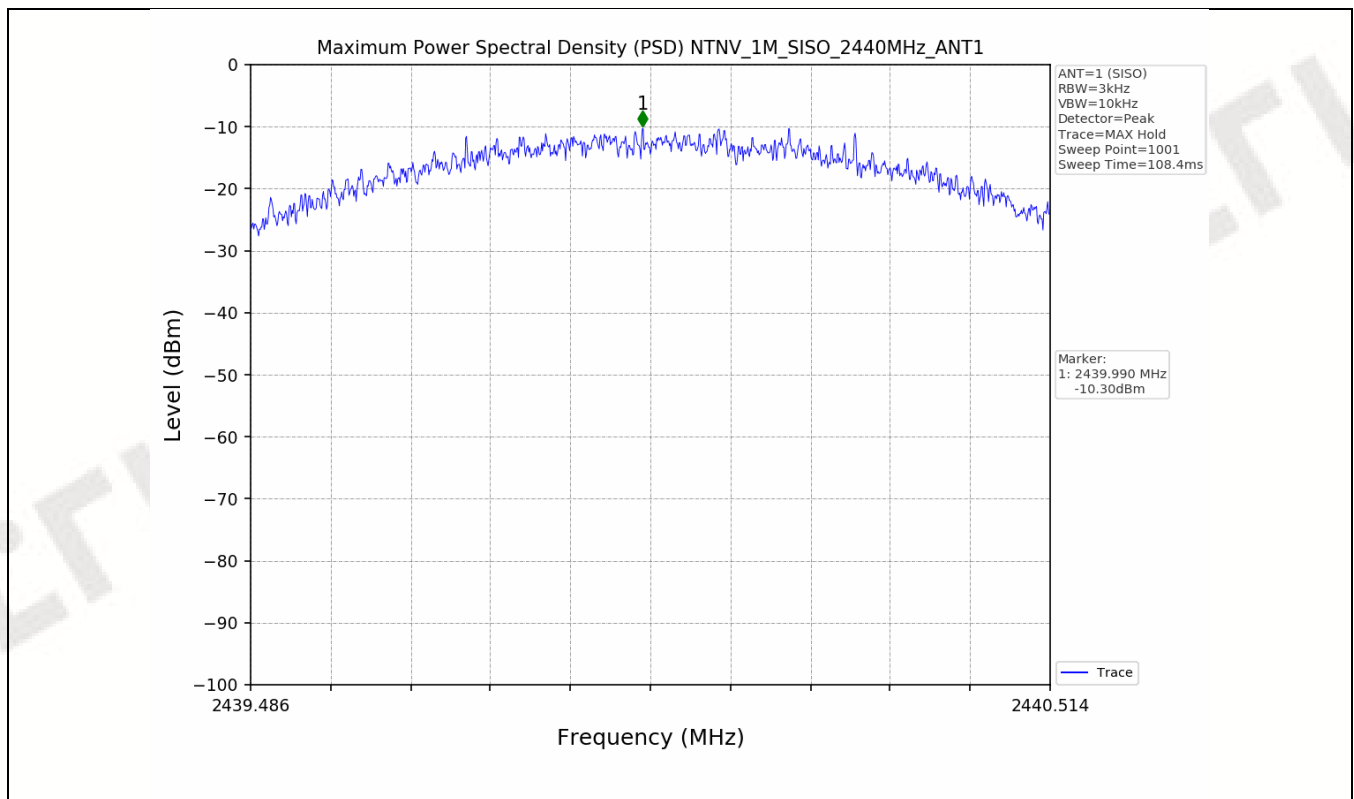
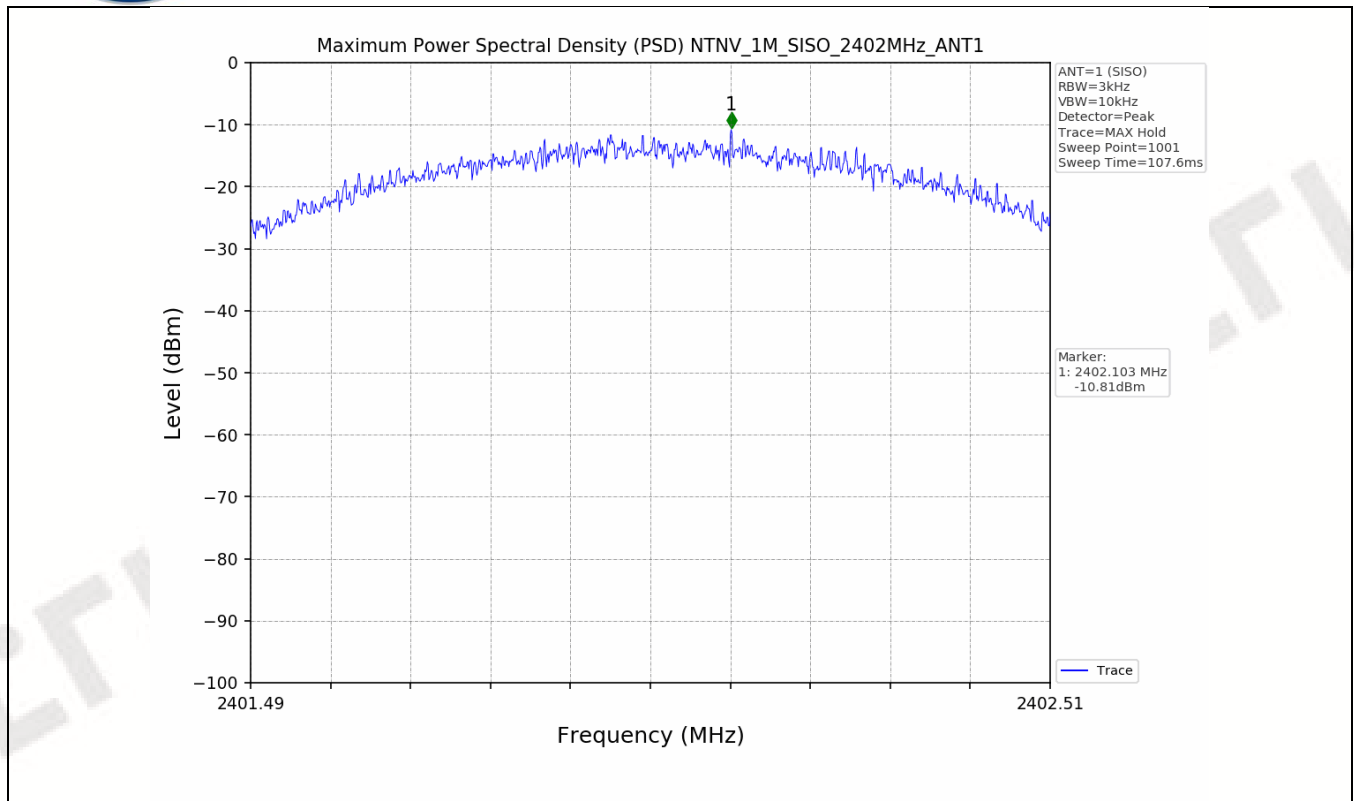
Test Mode	Frequency (MHz)	Tx Type	Maximum Power Spectral Density (dBm/3KHz)	Limits (dBm/3kHz)	Verdict
			Ant 1		
1M	2402	SISO	-10.81	≤8	PASS
	2440	SISO	-10.30	≤8	PASS
	2480	SISO	-9.34	≤8	PASS
2M	2402	SISO	-13.52	≤8	PASS
	2440	SISO	-12.11	≤8	PASS
	2480	SISO	-12.49	≤8	PASS

3.2 Test Graph



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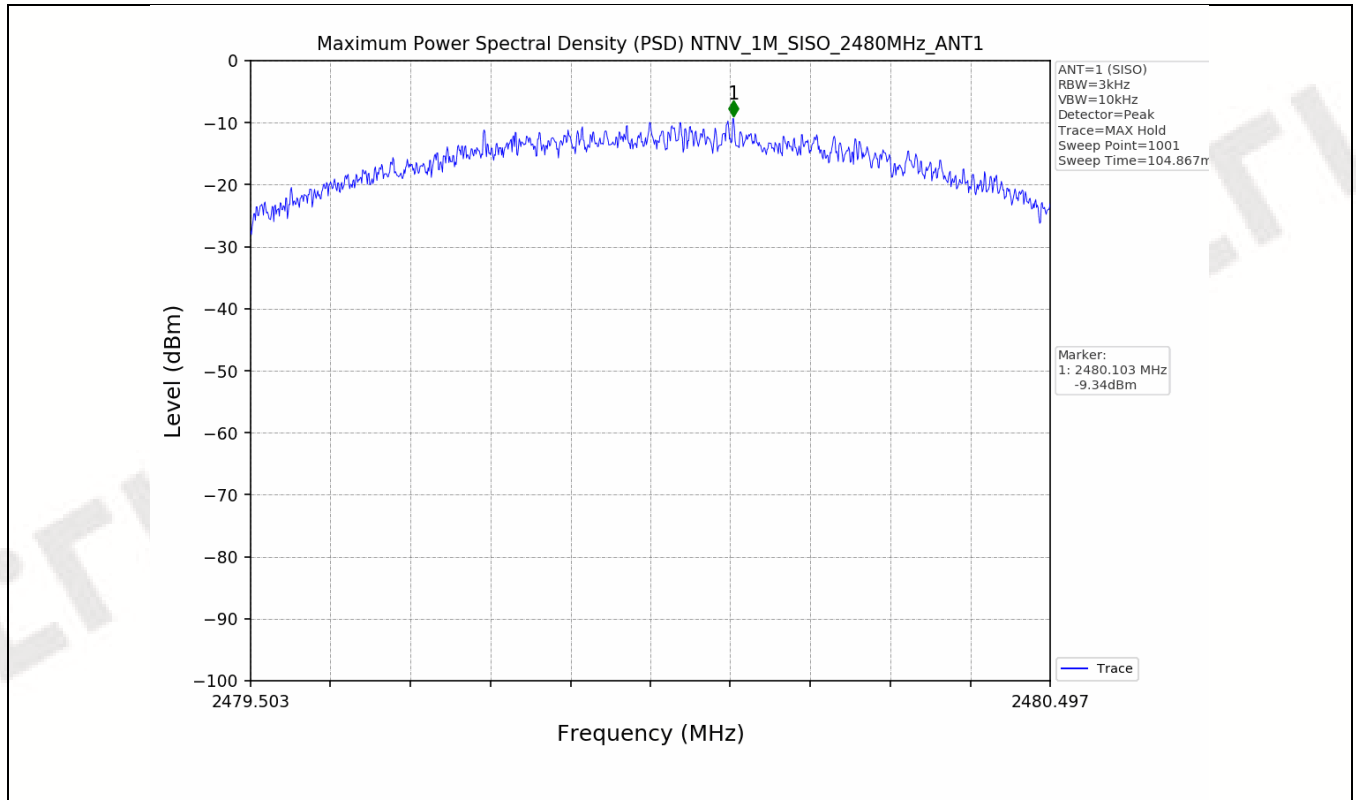
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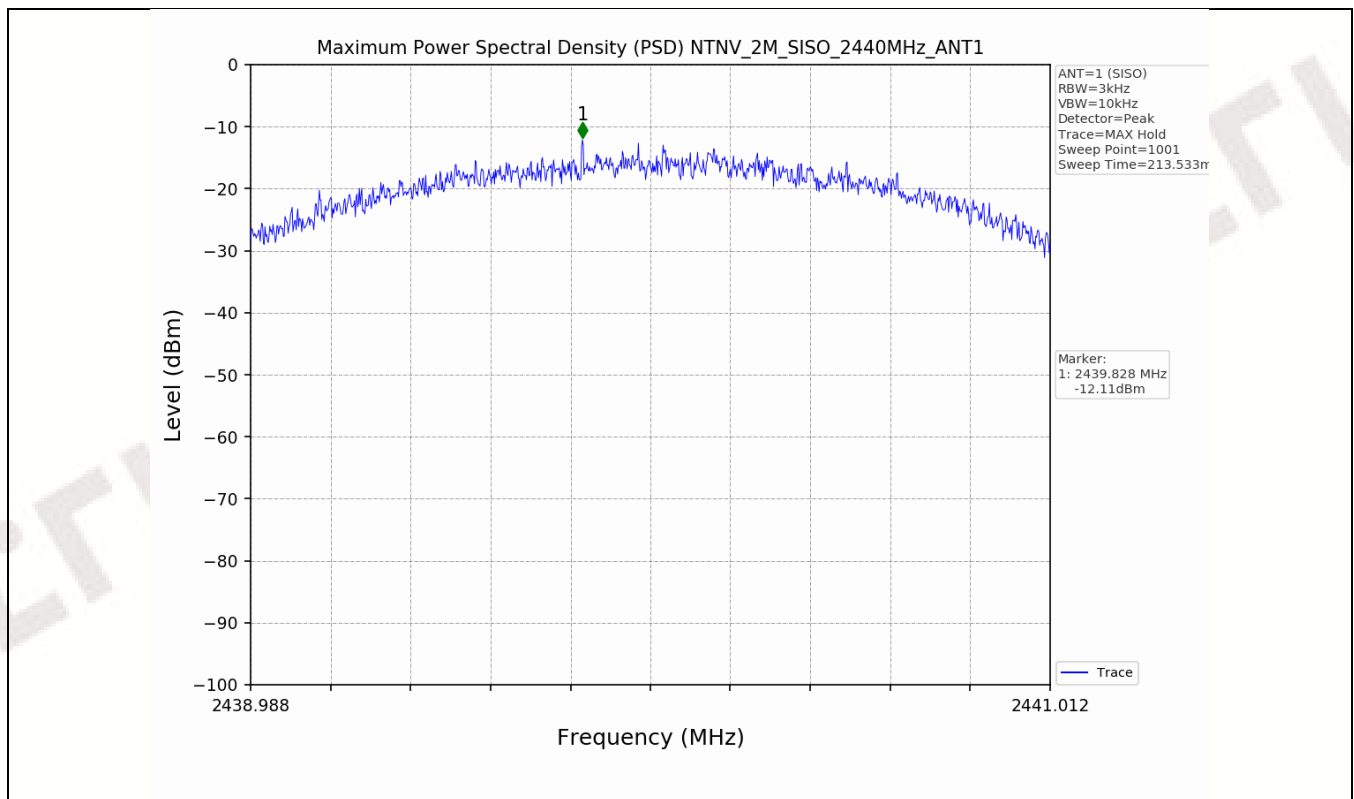
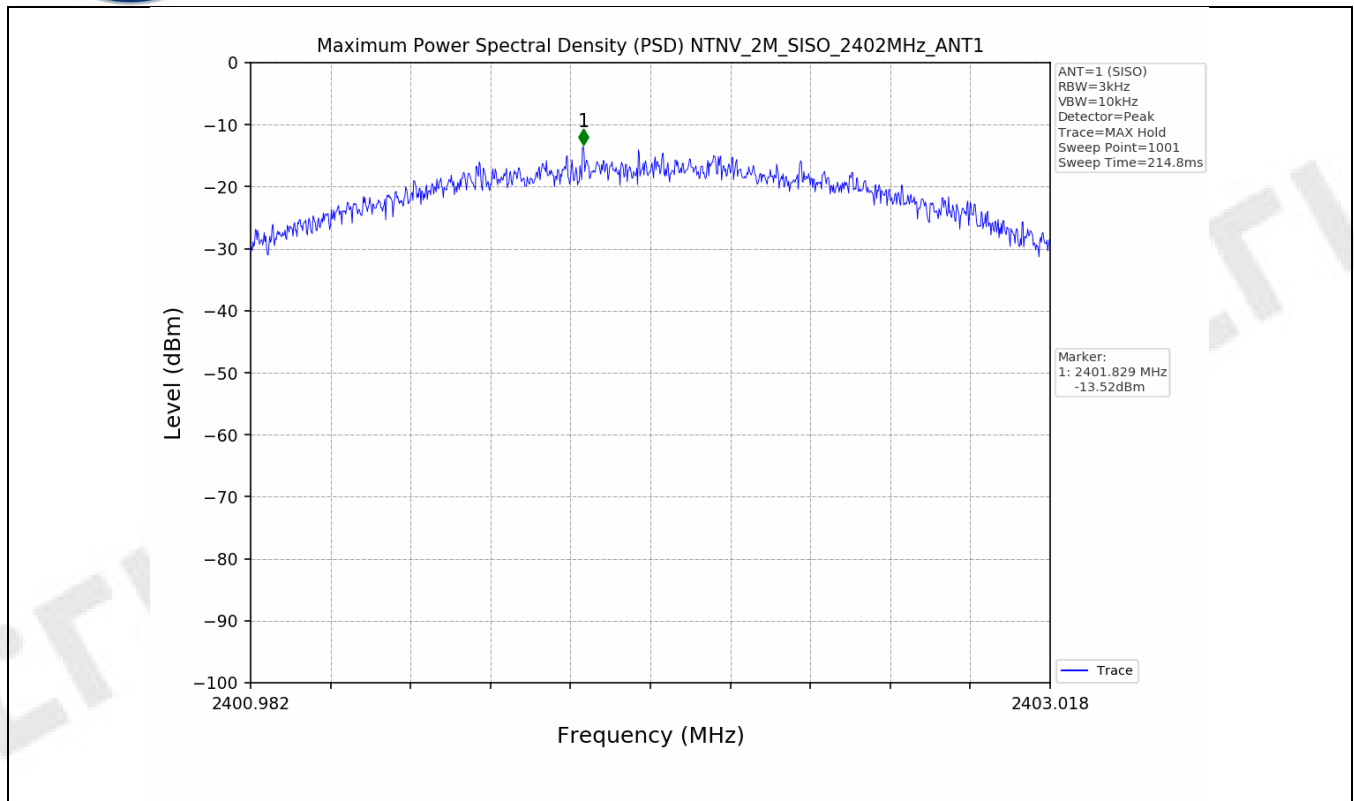
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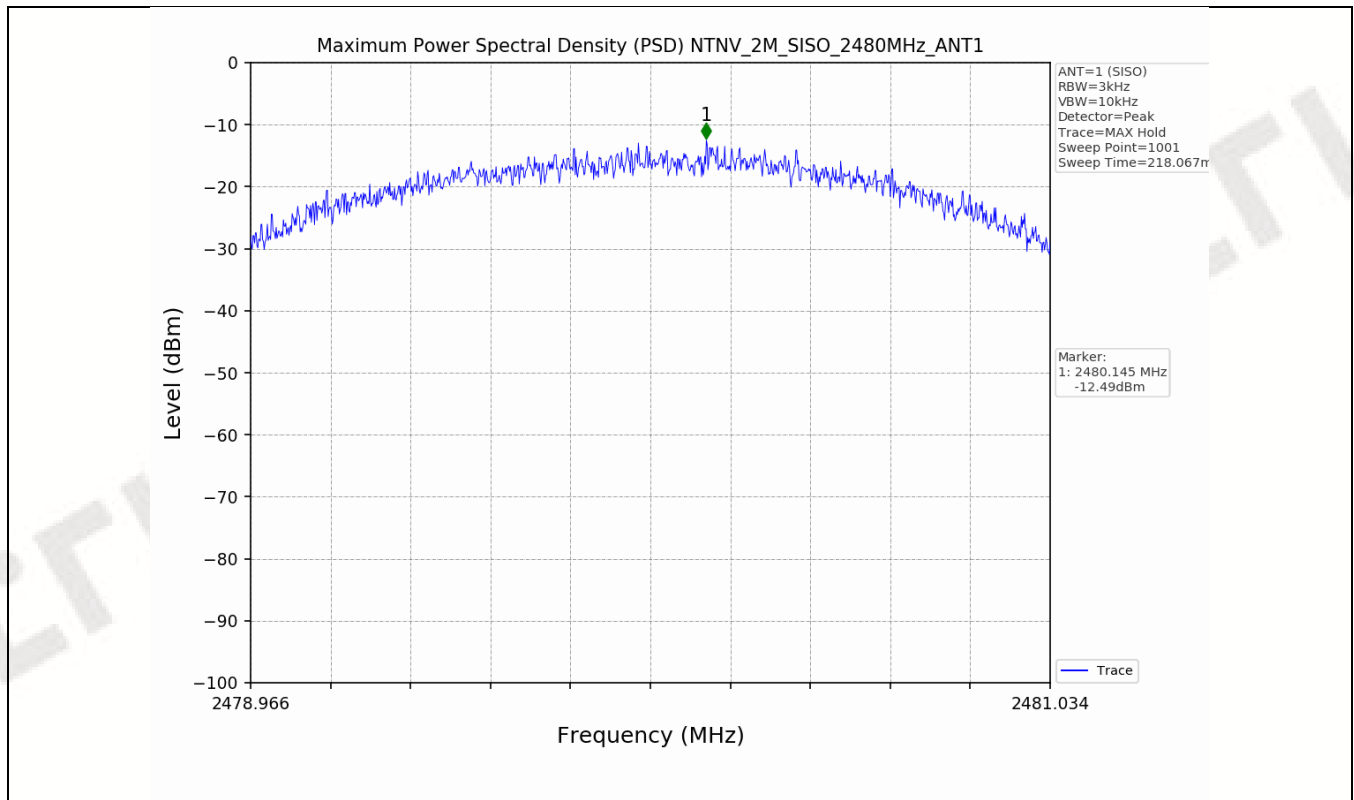
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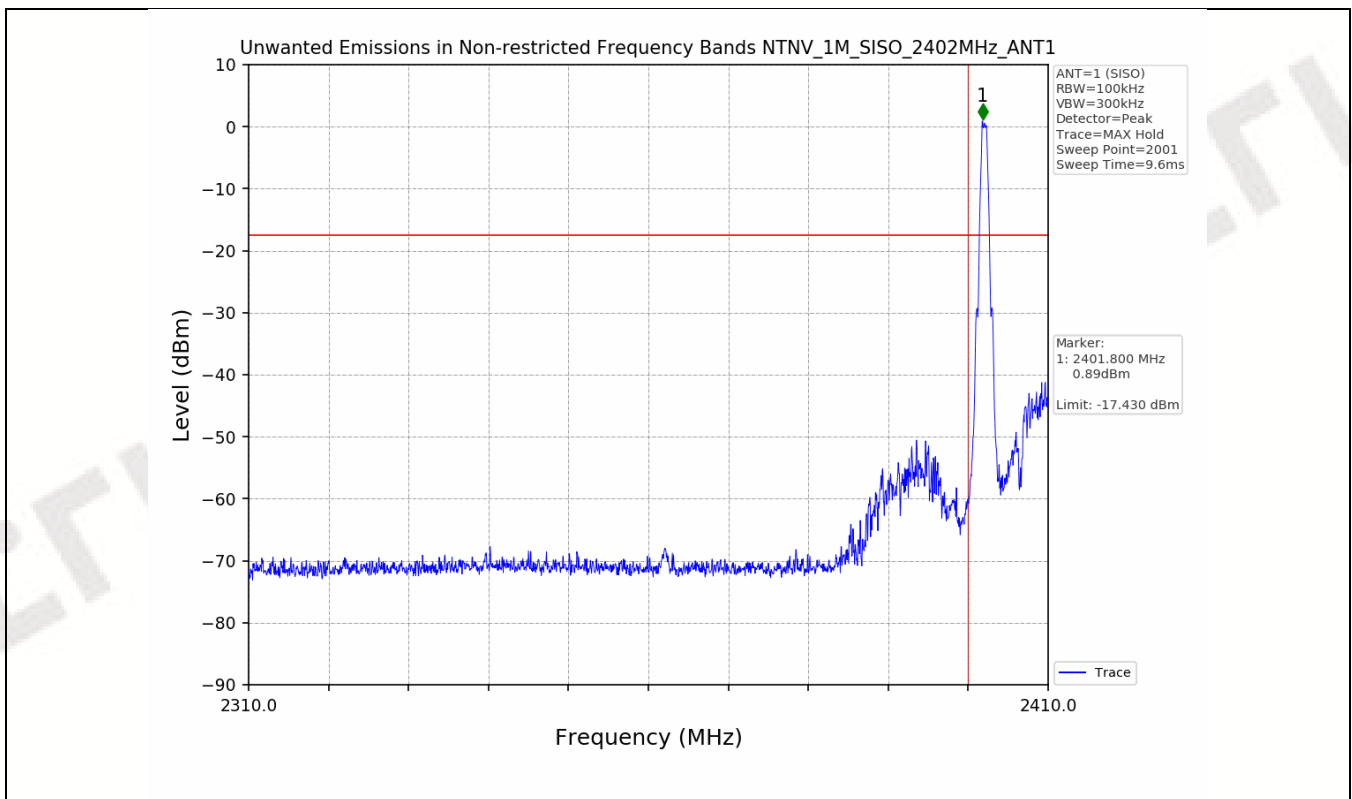
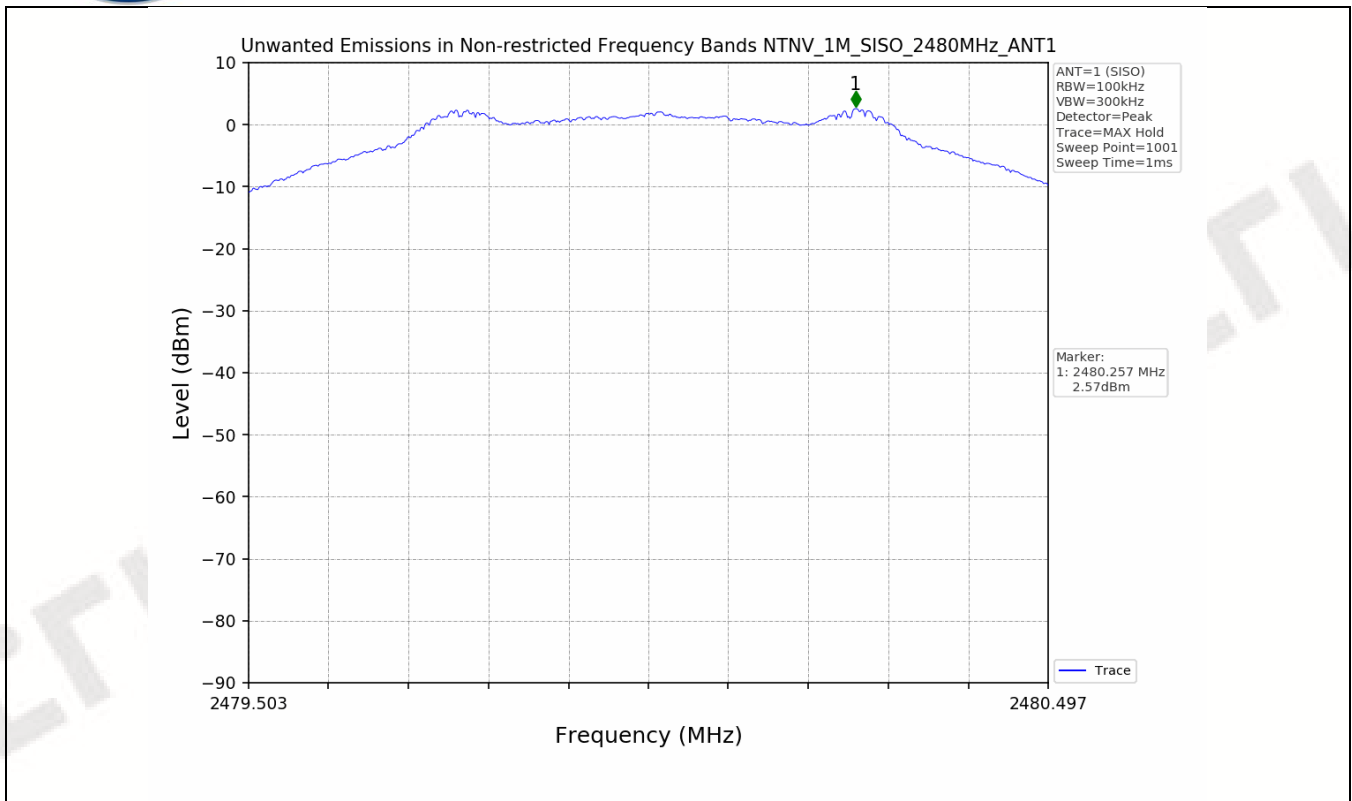


4. Unwanted Emissions in Non-restricted Frequency Bands

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	-17.43	PASS
	2440	SISO	1	Refer to test graph	-17.43	PASS
	2480	SISO	1	Refer to test graph	-17.43	PASS
2M	2402	SISO	1	Refer to test graph	-19.39	PASS
	2440	SISO	1	Refer to test graph	-19.39	PASS
	2480	SISO	1	Refer to test graph	-19.39	PASS

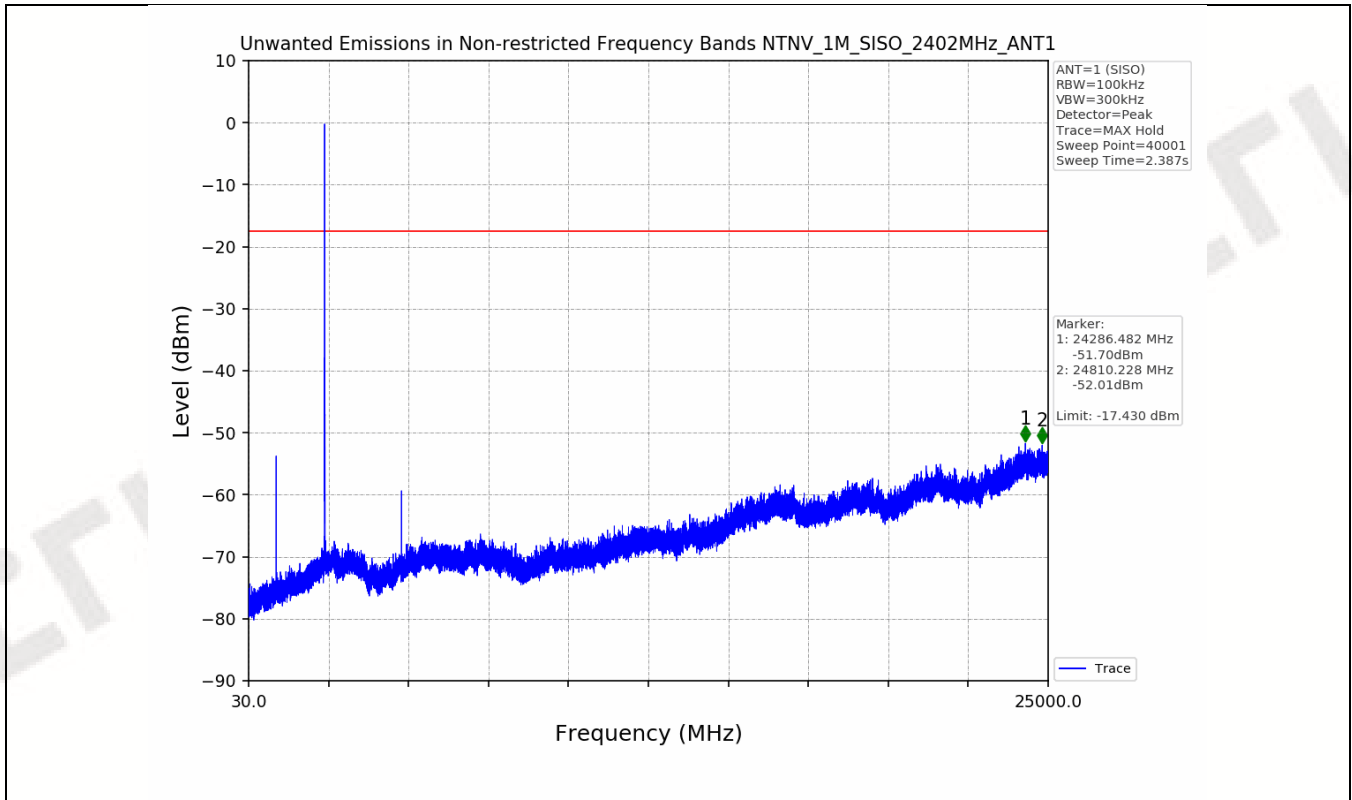
4.2 Test Graph

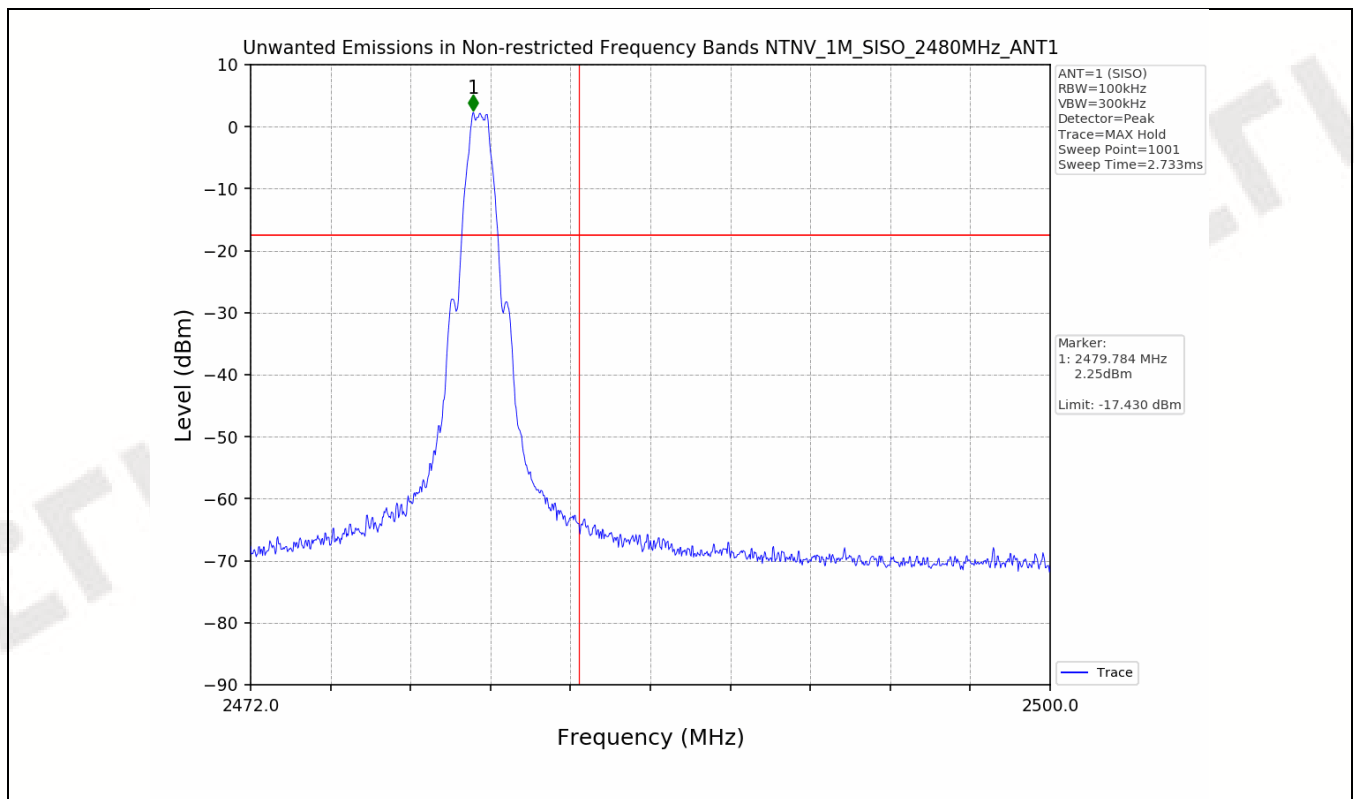
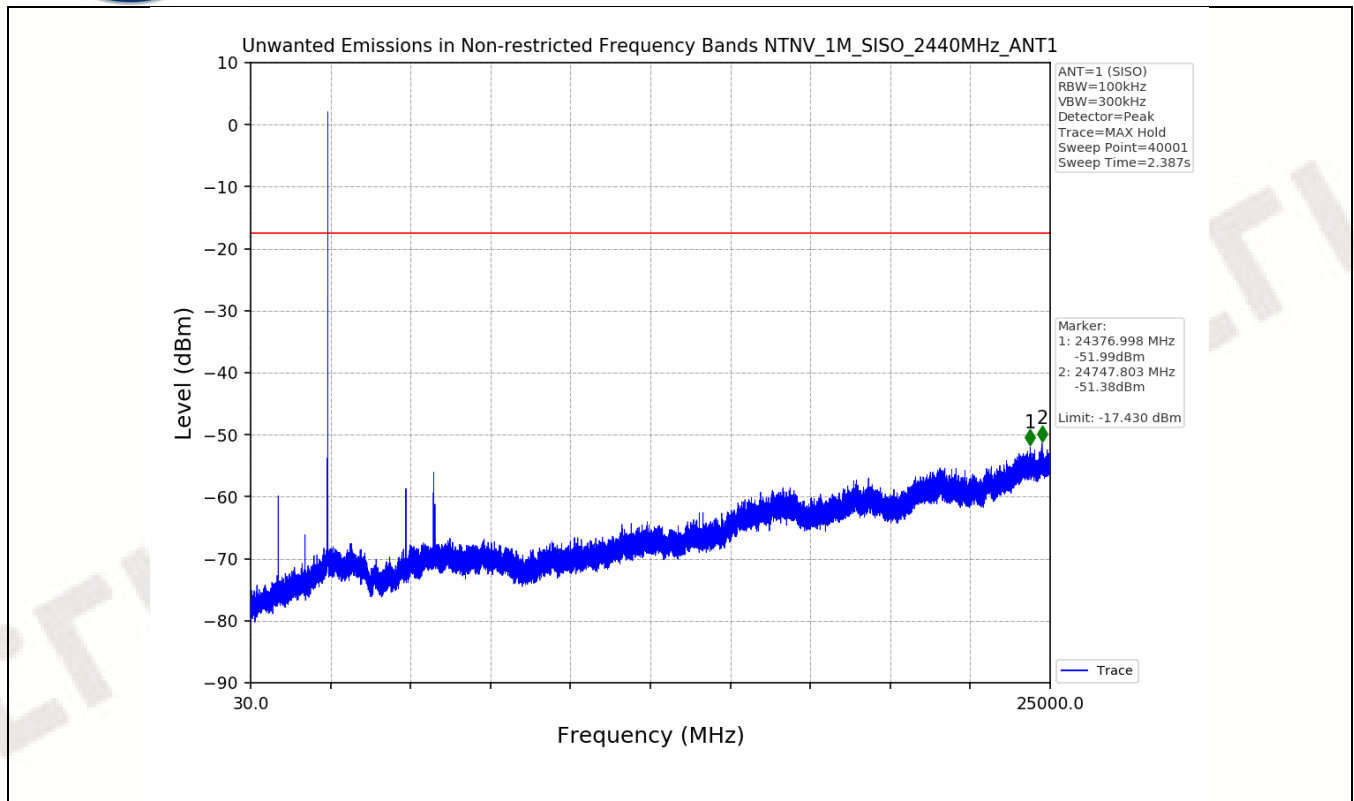




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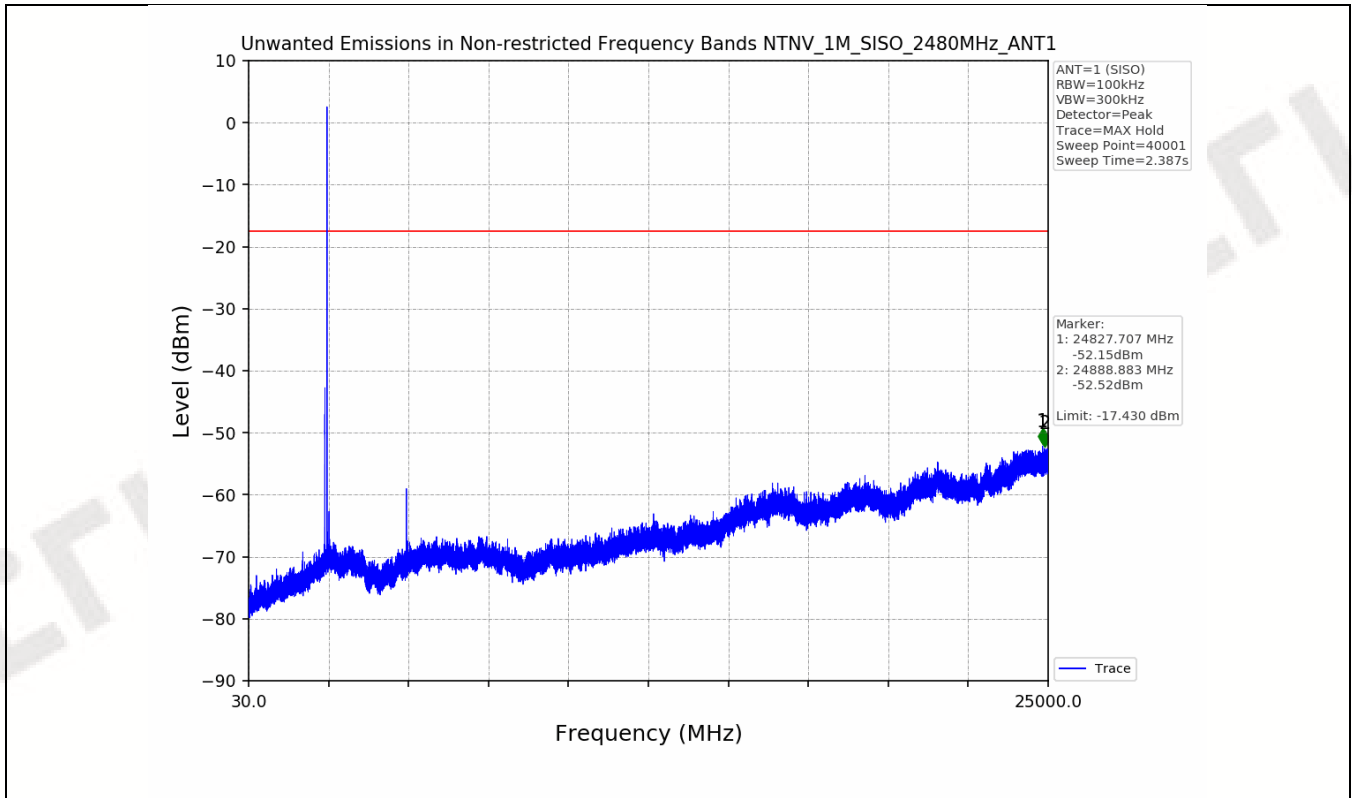






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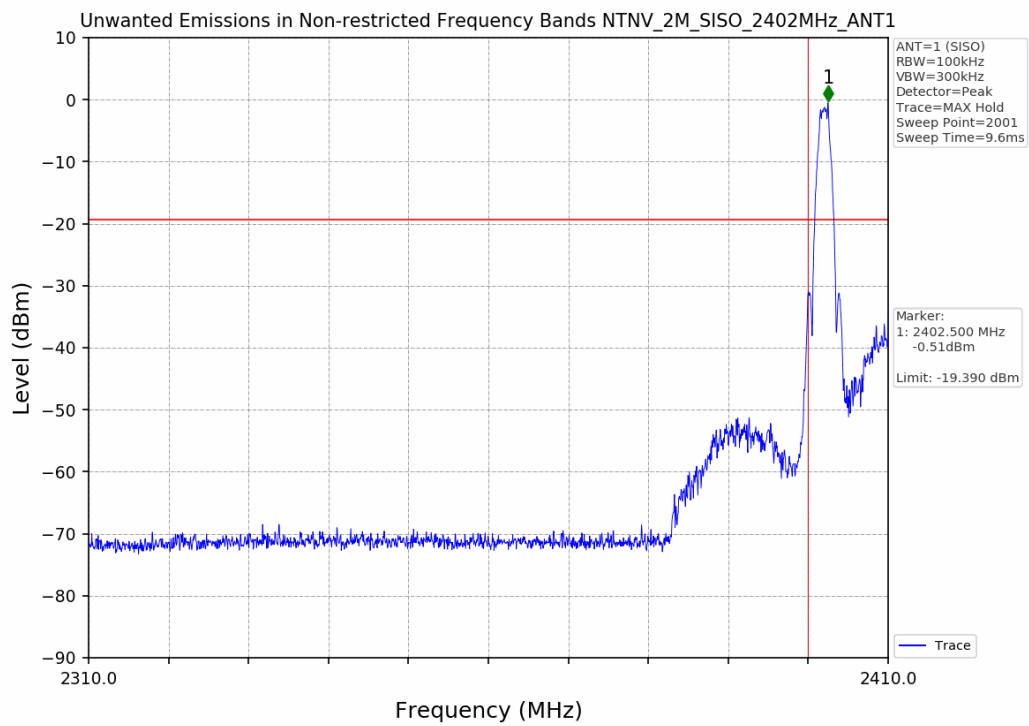
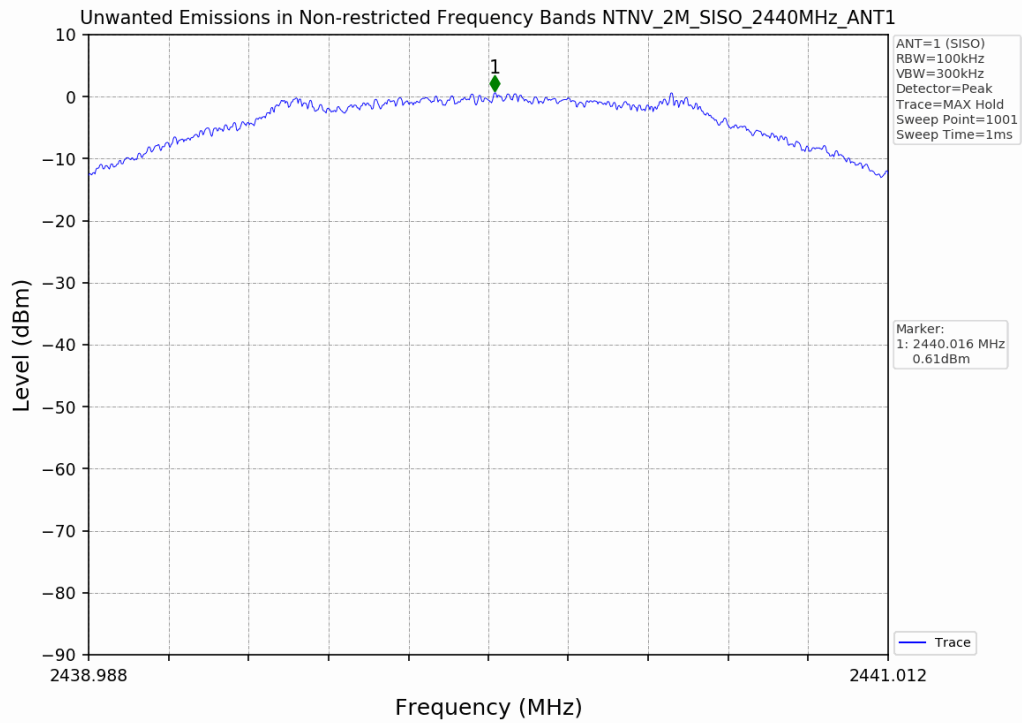
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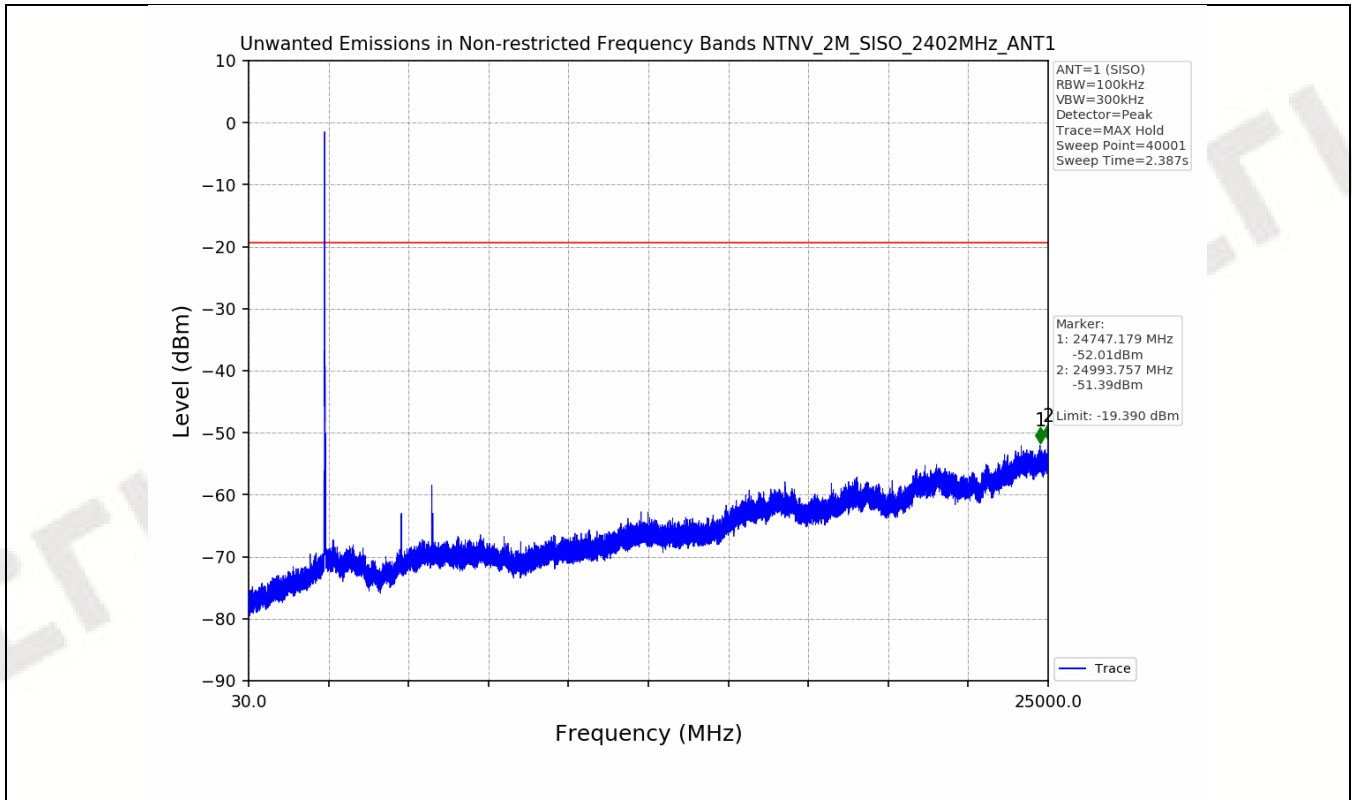
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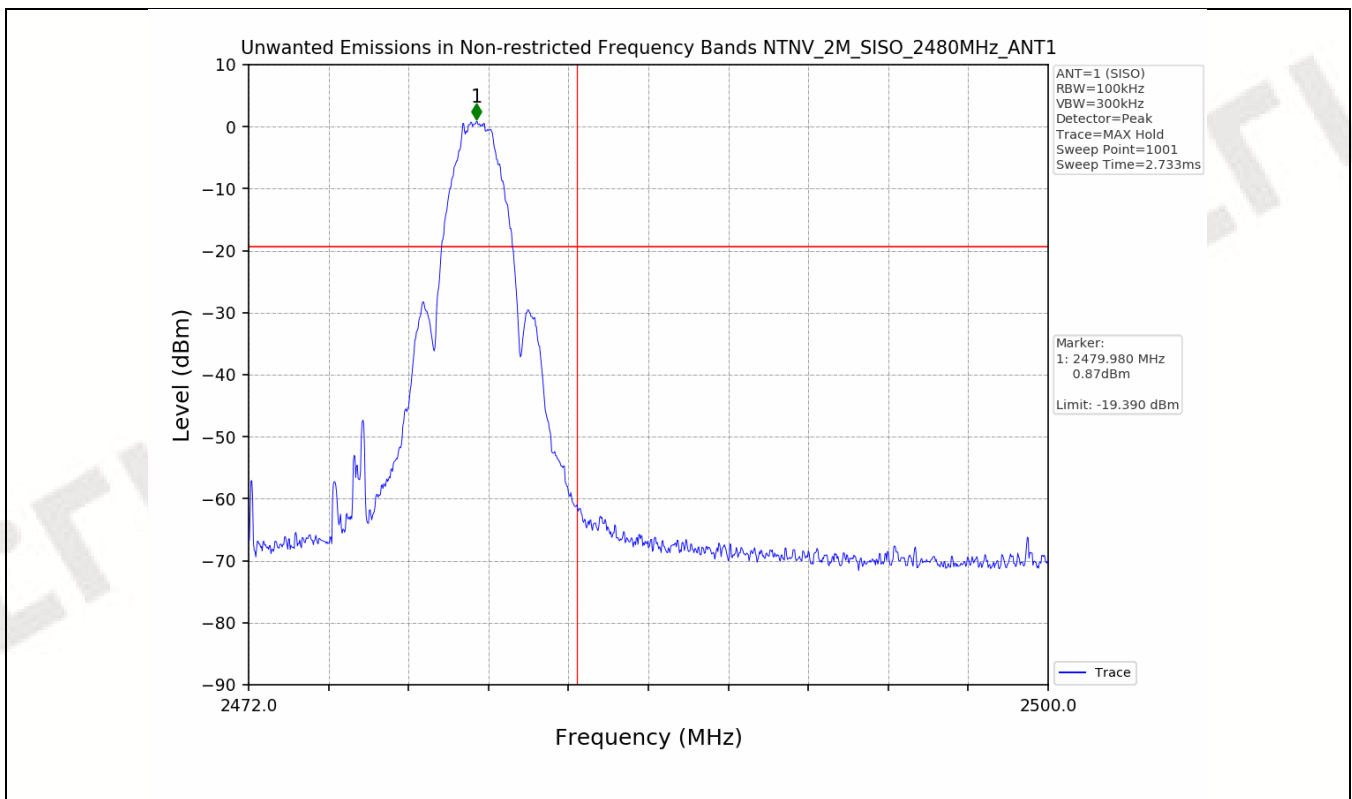
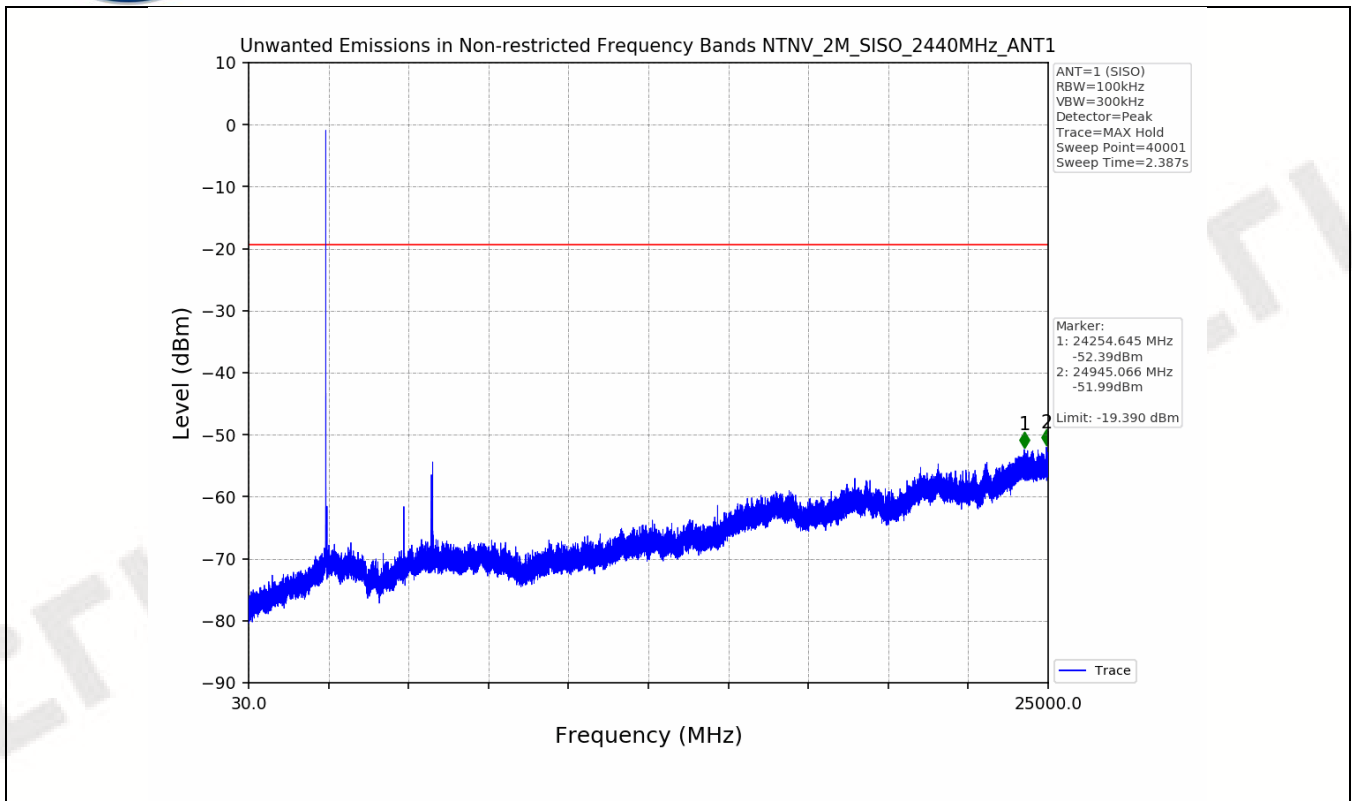


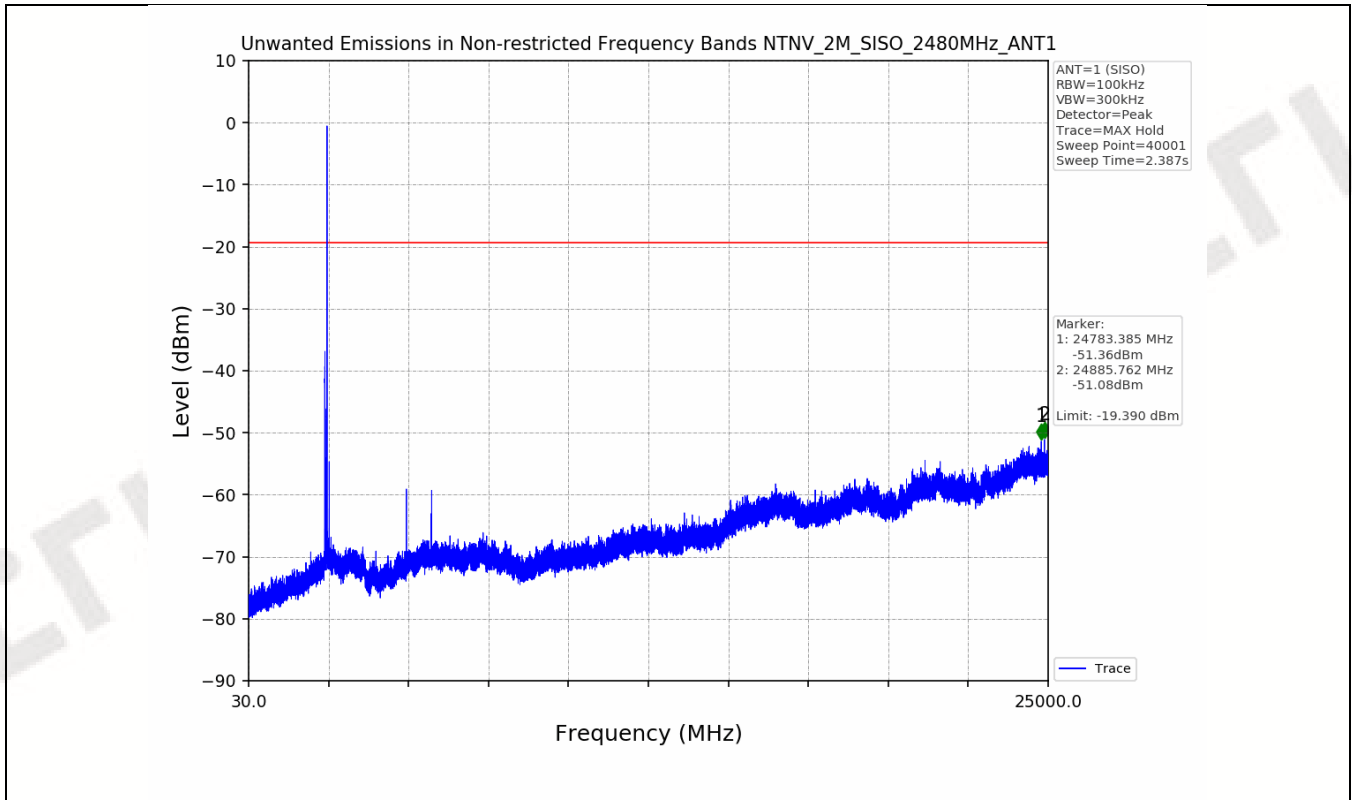


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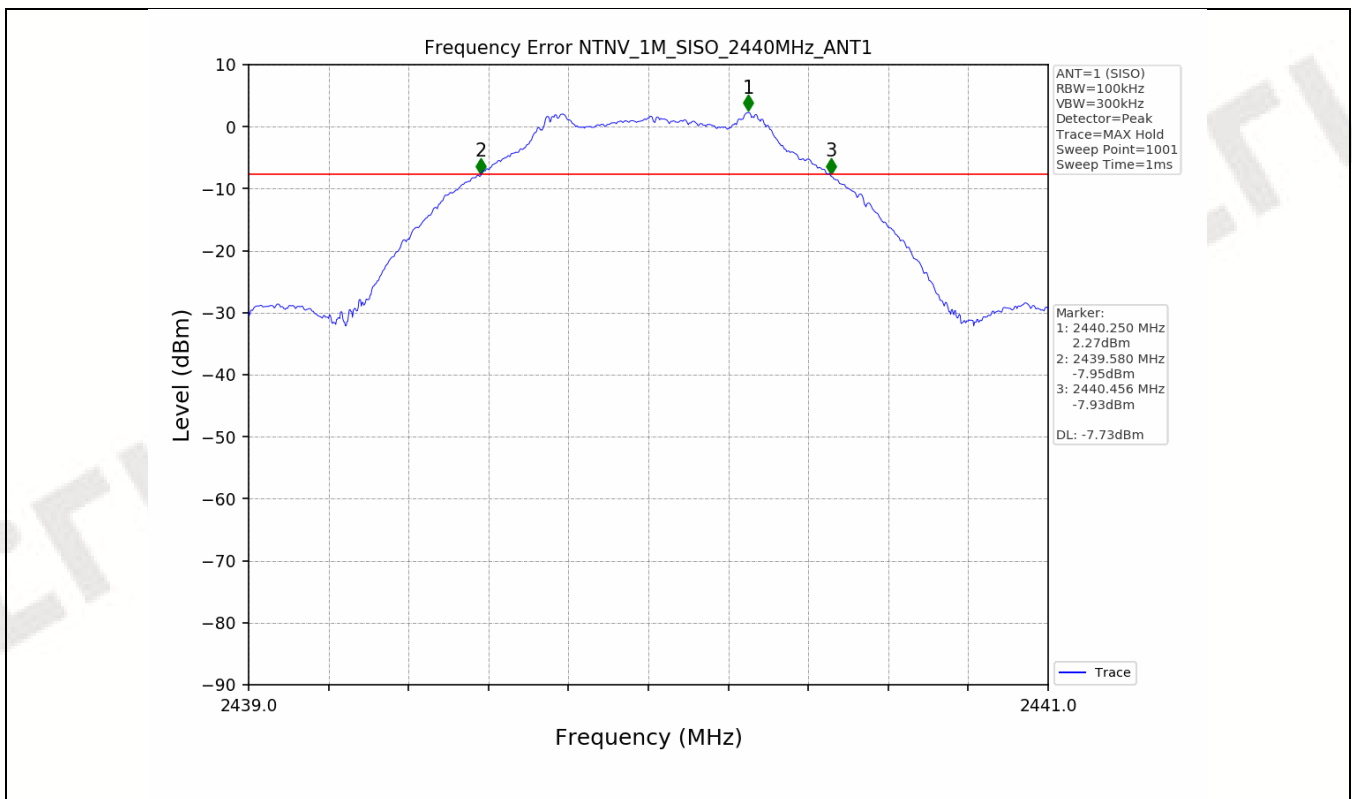
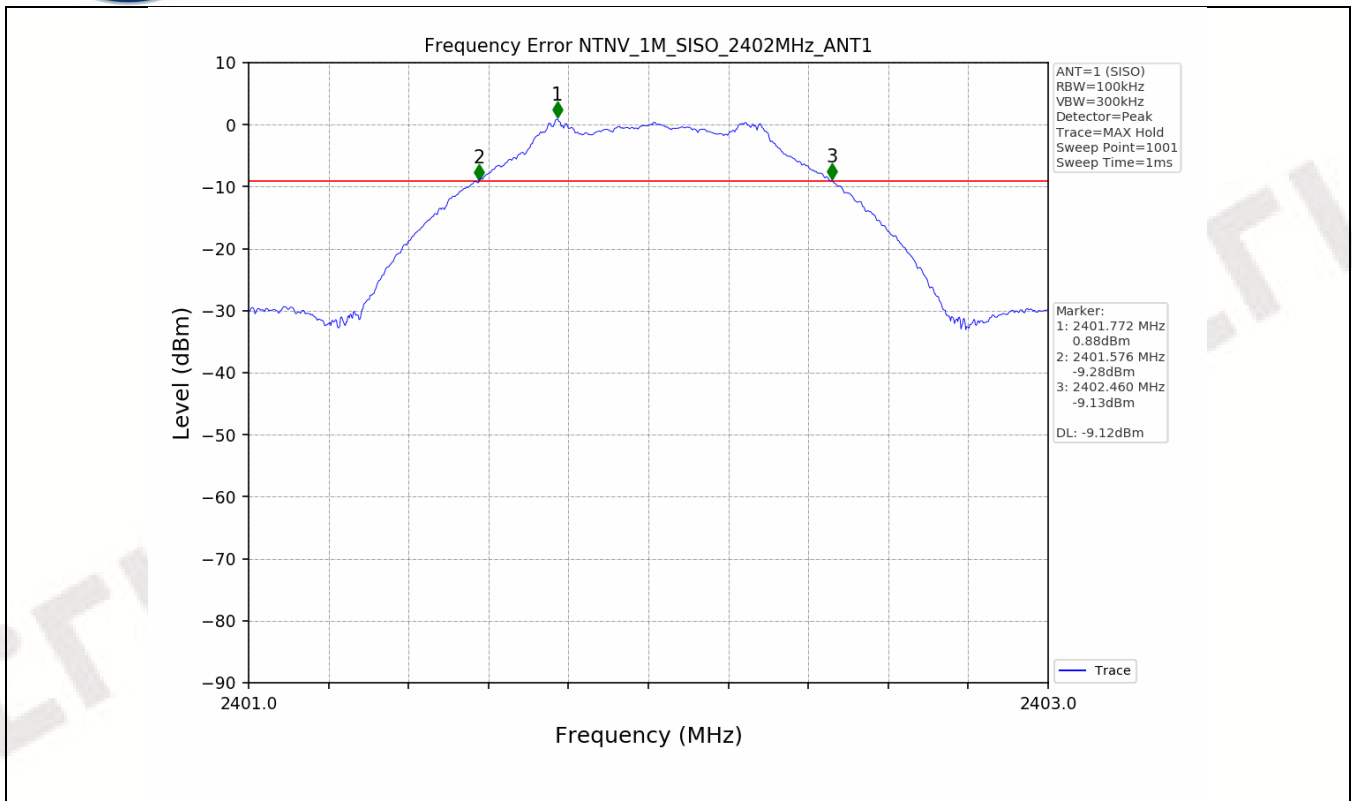


5. Frequency Error

5.1 Test Result

Test Mode	Frequency (MHz)	TX Type	ANT	Measured Frequency (MHz)		Verdict
				Test Result	Limit	
1M	2402	SISO	1	2402.02	2400-2483.5	PASS
	2440	SISO	1	2440.02	2400-2483.5	PASS
	2480	SISO	1	2480.01	2400-2483.5	PASS
2M	2402	SISO	1	2401.98	2400-2483.5	PASS
	2440	SISO	1	2439.98	2400-2483.5	PASS
	2480	SISO	1	2479.99	2400-2483.5	PASS

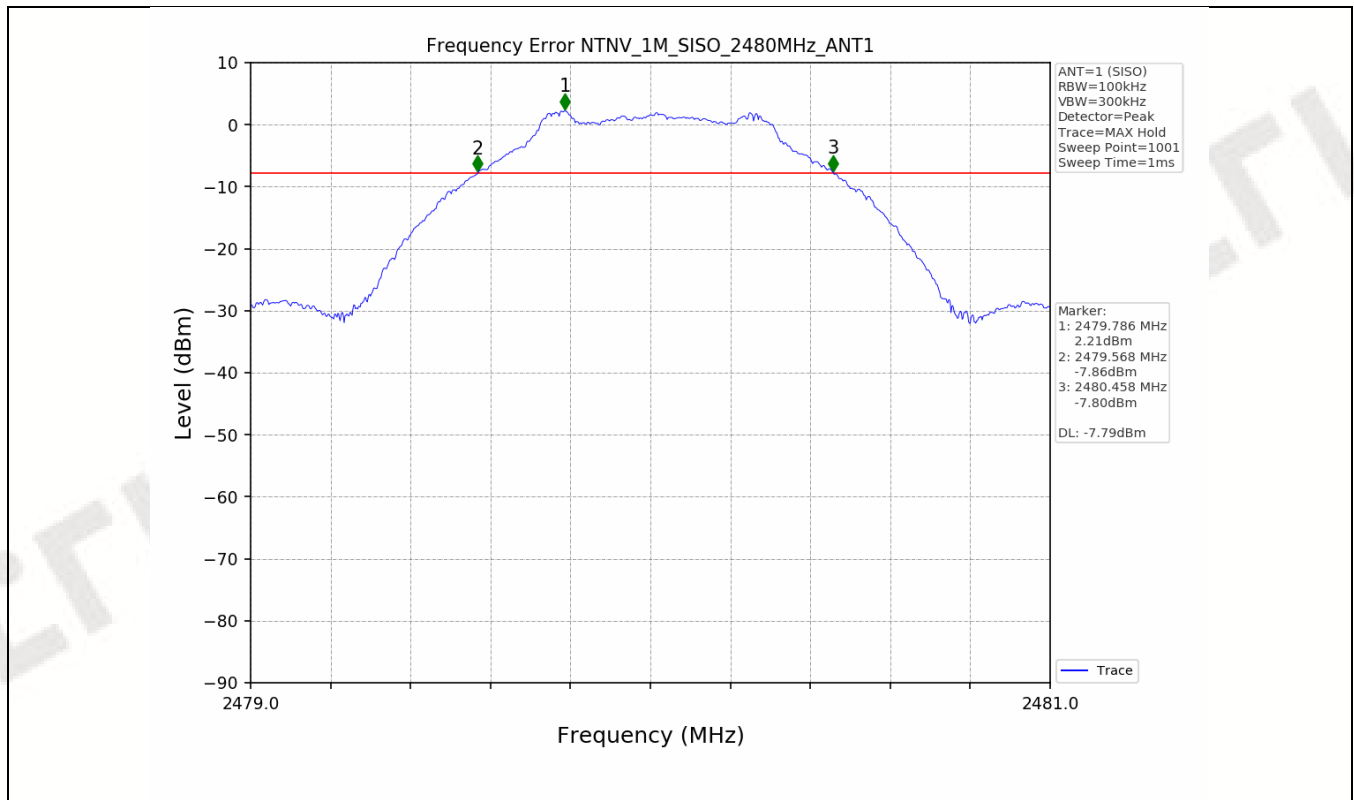
5.2 Test Graph

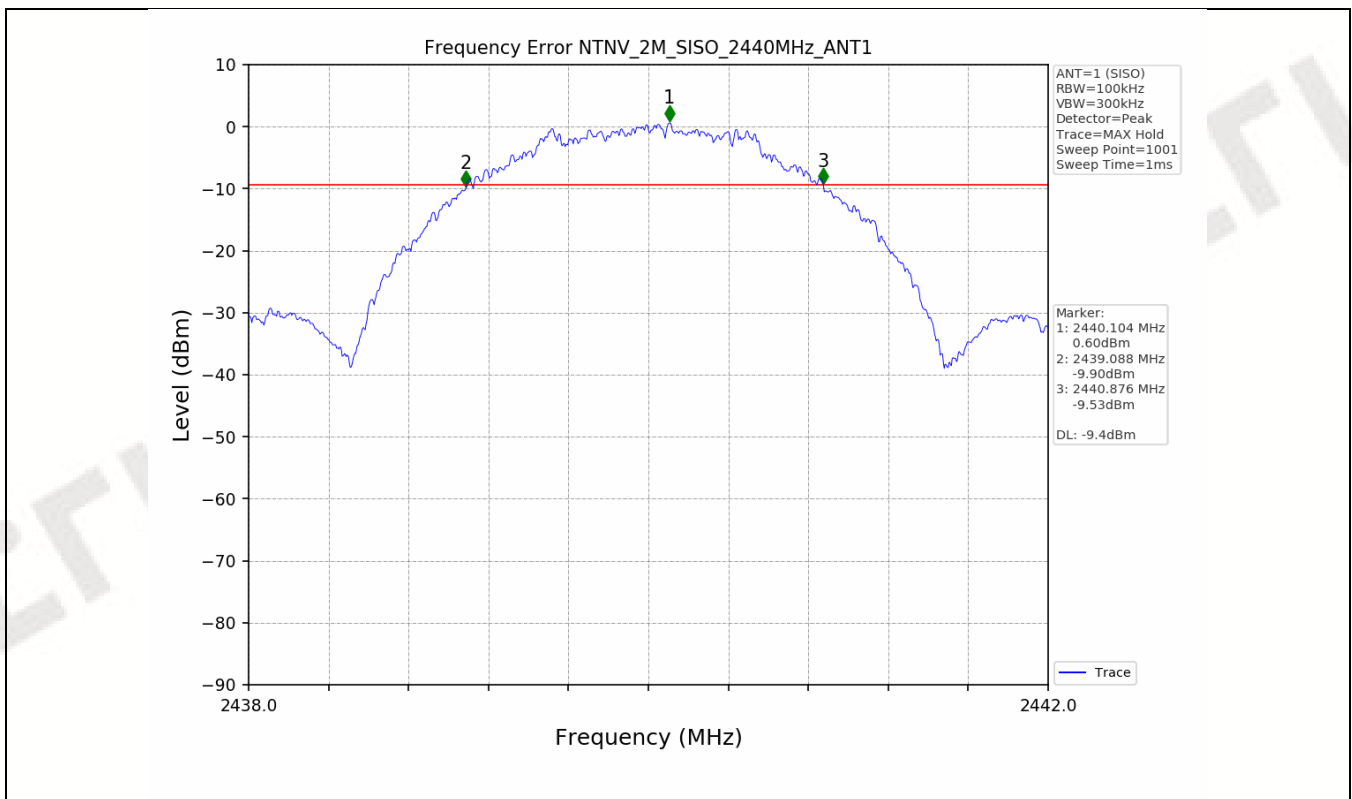
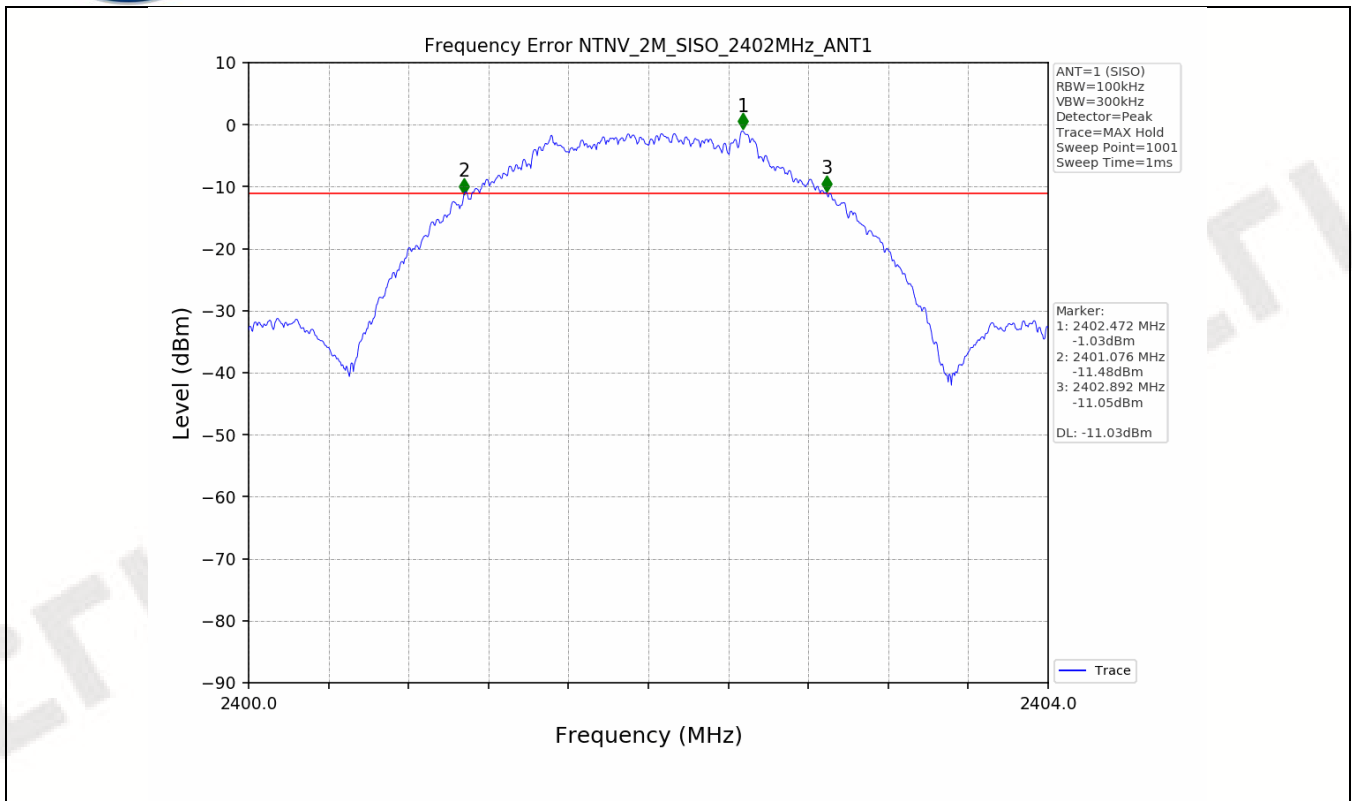




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