

Annex for BLE

Test Report No. :CTL1812058021-WF

TABLE OF CONTENTS

Annex for BLE	1
Test Report No. :CTL1812058021-WF	1
TABLE OF CONTENTS.....	1
1. Bandwidth.....	2
1.1 Test Result	2
1.2 Test Graph - 6dB Bandwidth.....	2
1.3 Test Graph - 99% Occupied Bandwidth	3
2. Maximum Conducted Output Power	4
2.1 Test Result	4
3. Maximum Power Spectral Density (PSD).....	4
3.1 Test Result	4
3.2 Test Graph.....	5
4. Unwanted Emissions in Non-restricted Frequency Bands.....	5
4.1 Test Result	5
4.2 Test Graph.....	6

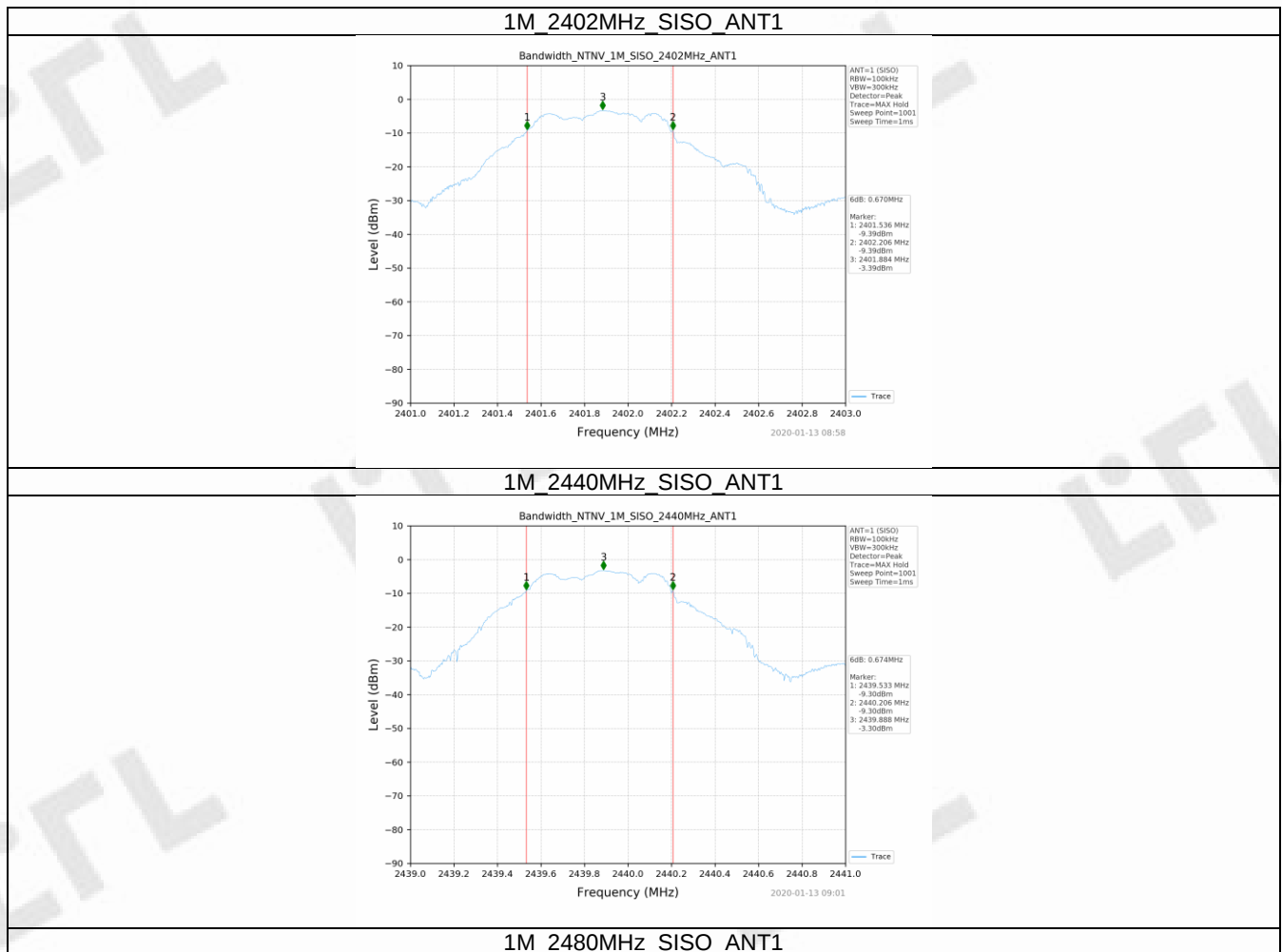
1. Bandwidth

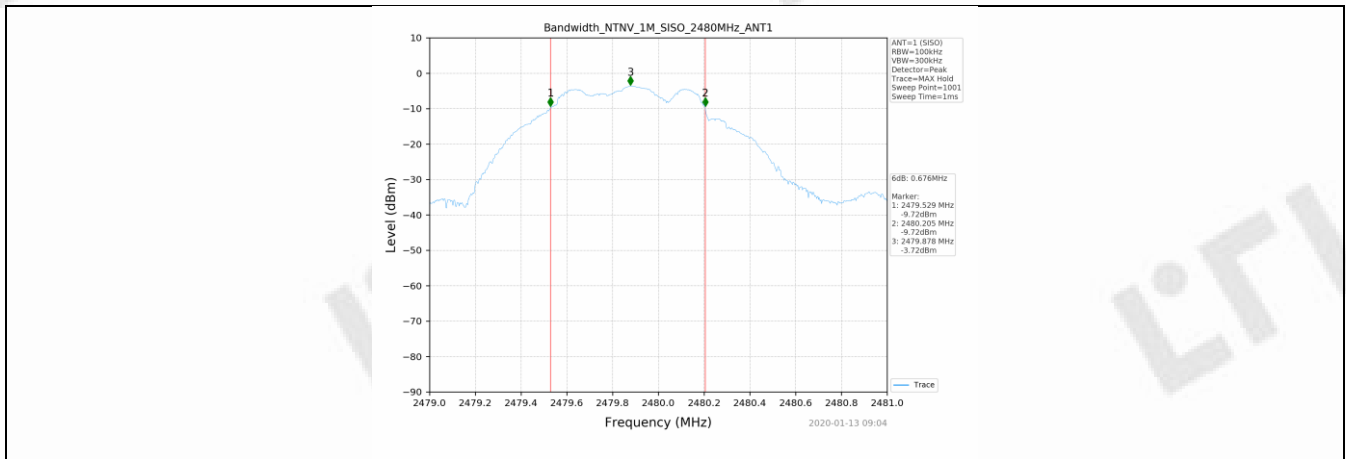
1.1 Test Result

Test Mode	Frequency (MHz)	TX Type	ANT No.	6dB Bandwidth		Verdict
				Test Result (MHz)	Limits (MHz)	
1M	2402	SISO	1	0.670	≥0.5	PASS
	2440	SISO	1	0.674	≥0.5	PASS
	2480	SISO	1	0.676	≥0.5	PASS

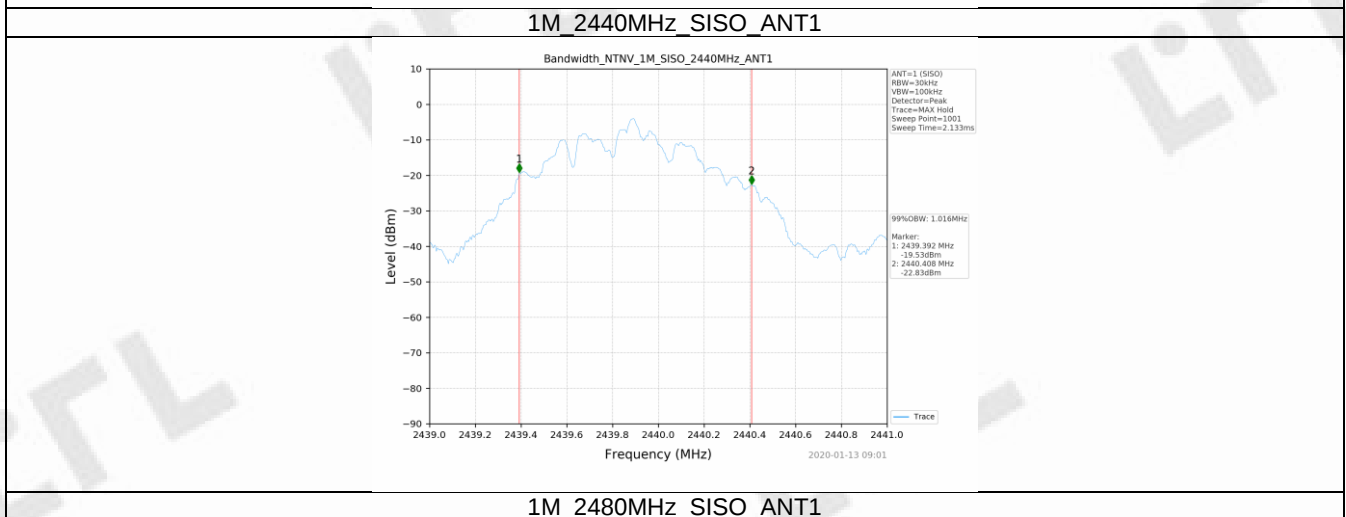
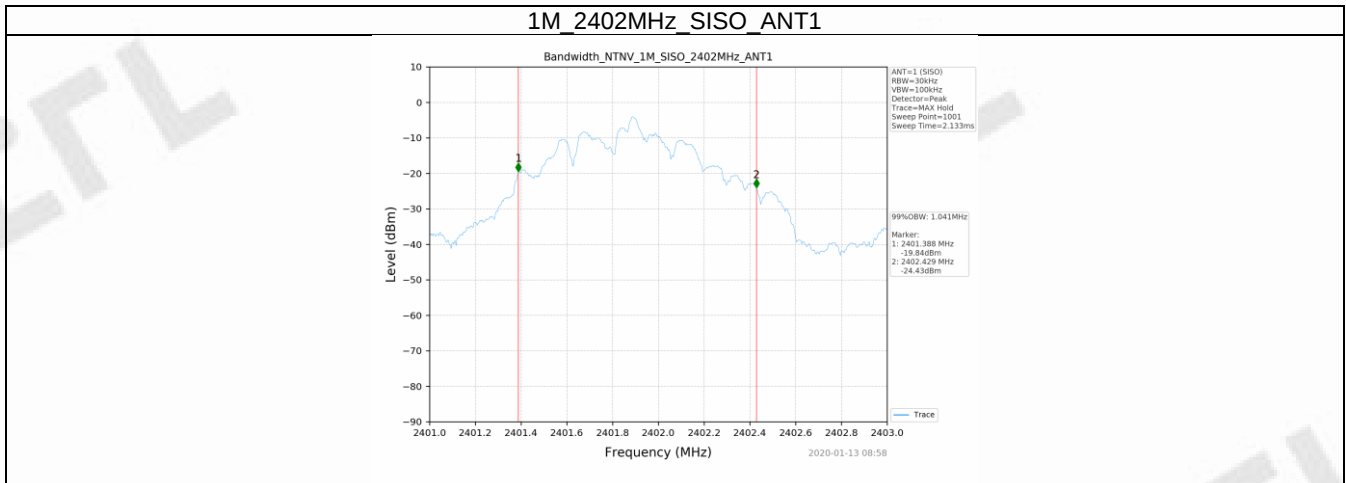
Test Mode	Frequency (MHz)	TX Type	ANT No.	99% Occupied Bandwidth	
				Test Result (MHz)	
1M	2402	SISO	1	1.041	Only for Report Use
	2440	SISO	1	1.016	Only for Report Use
	2480	SISO	1	0.998	Only for Report Use

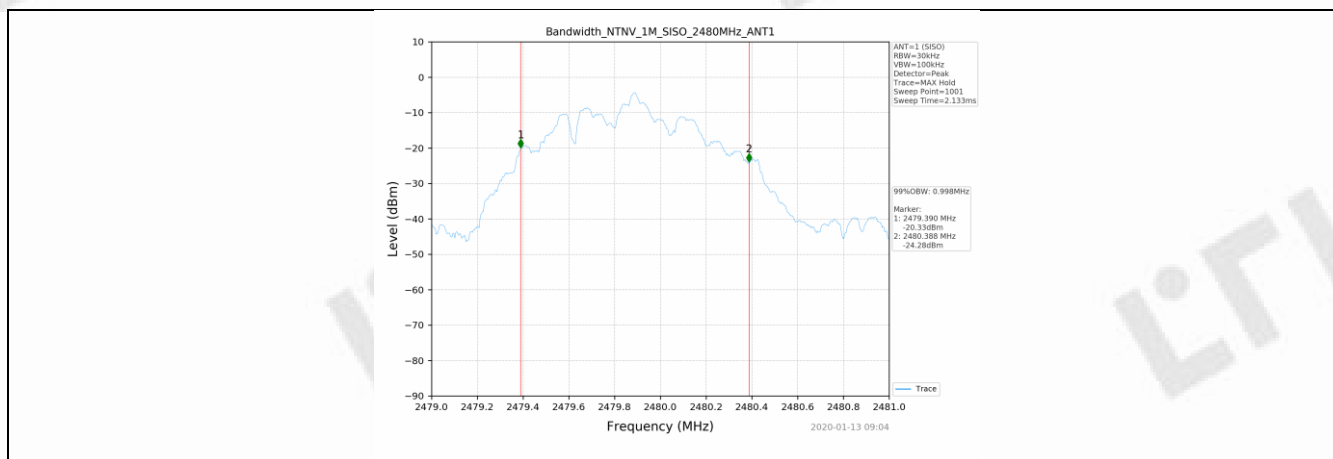
1.2 Test Graph - 6dB Bandwidth





1.3 Test Graph - 99% Occupied Bandwidth





2. Maximum Conducted Output Power

2.1 Test Result

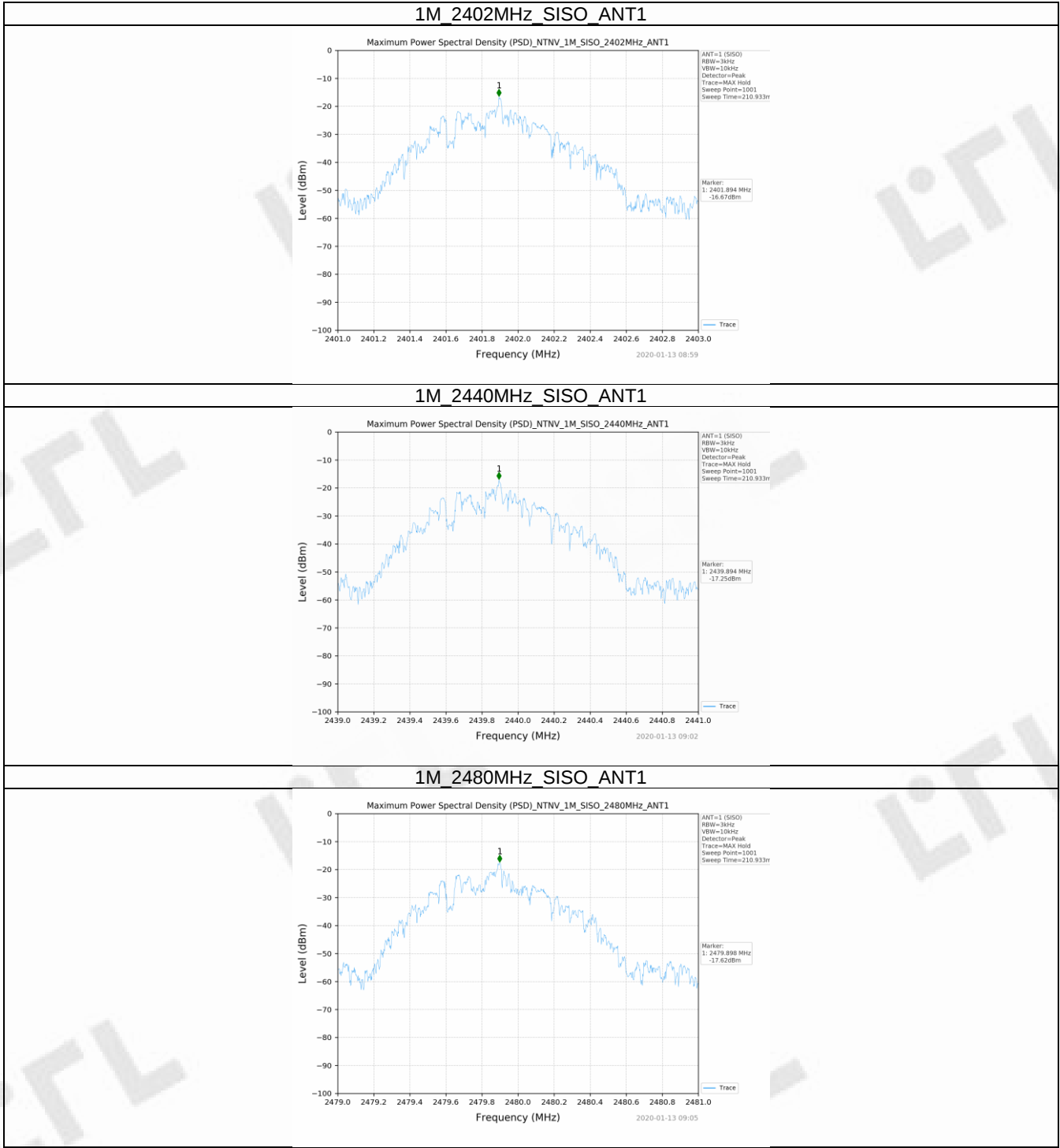
Test Mode	Frequency (MHz)	Tx Type	Measured Peak Output Power (dBm)	Limits (dBm)	Verdict
			Ant 1		
1M	2402	SISO	-3.16	30	PASS
	2440	SISO	-3.03	30	PASS
	2480	SISO	-3.45	30	PASS

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	-16.67	≤8	PASS
	2440	SISO	-17.25	≤8	PASS
	2480	SISO	-17.62	≤8	PASS

3.2 Test Graph



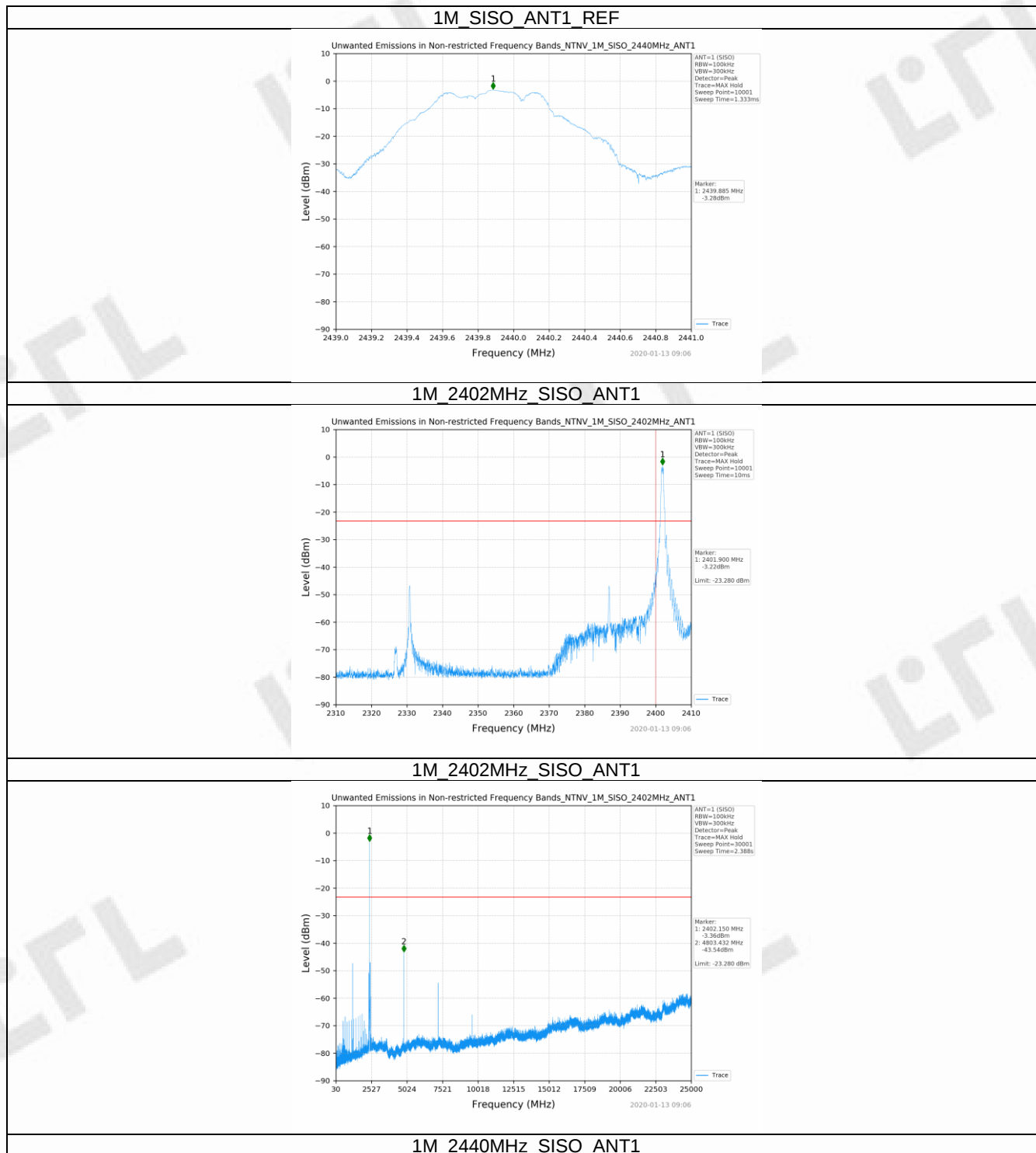
4. Unwanted Emissions in Non-restricted Frequency Bands

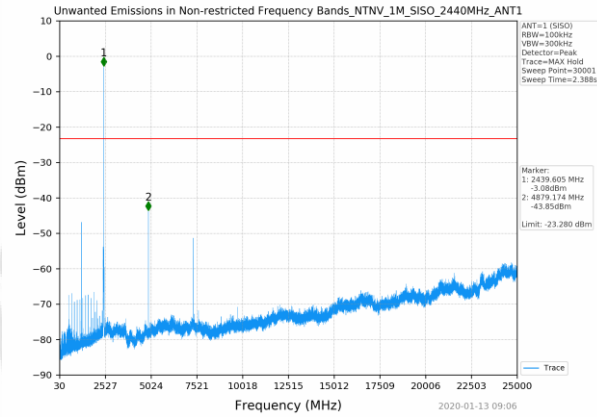
4.1 Test Result

Test Mode	Frequency	TX Type	ANT No.	Spurious Conducted	Limits (dBm)	Verdict
-----------	-----------	---------	---------	--------------------	--------------	---------

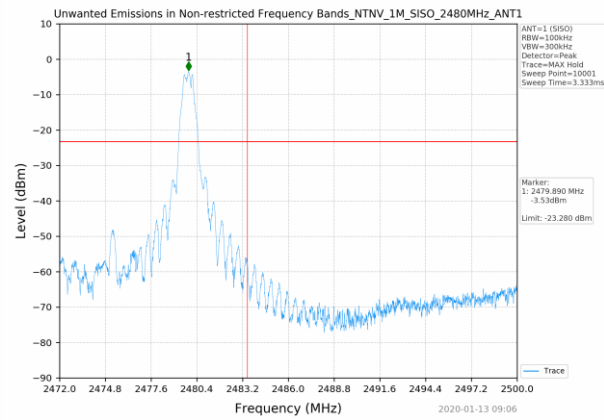
	(MHz)			Emission (dBm)		
1M	2402	SISO	1	Refer to test graph	-23.28	PASS
	2440	SISO	1	Refer to test graph	-23.28	PASS
	2480	SISO	1	Refer to test graph	-23.28	PASS

4.2 Test Graph





1M_2480MHz_SISO_ANT1



1M_2480MHz_SISO_ANT1

