

## Annex for BLE

Test Report No.:CTL2001091031-WF

### TABLE OF CONTENTS

Annex for BLE .....	1
Test Report No.:CTL2001091031-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
2.2 Test Graph.....	4
3. Maximum Power Spectral Density (PSD).....	5
3.1 Test Result .....	5
3.2 Test Graph.....	5
4. Unwanted Emissions in Non-restricted Frequency Bands.....	6
4.1 Test Result .....	6
4.2 Test Graph.....	7

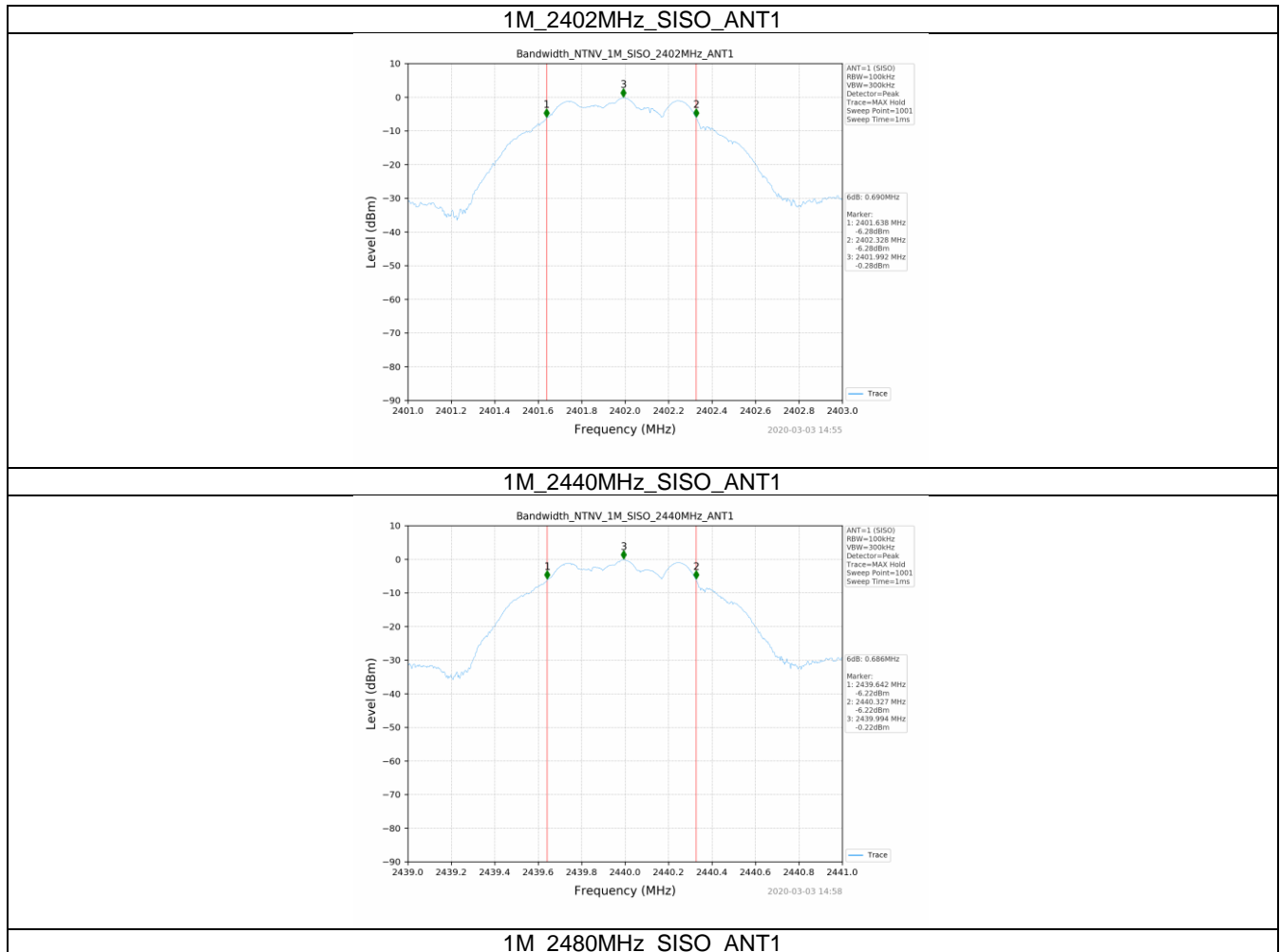
# 1. Bandwidth

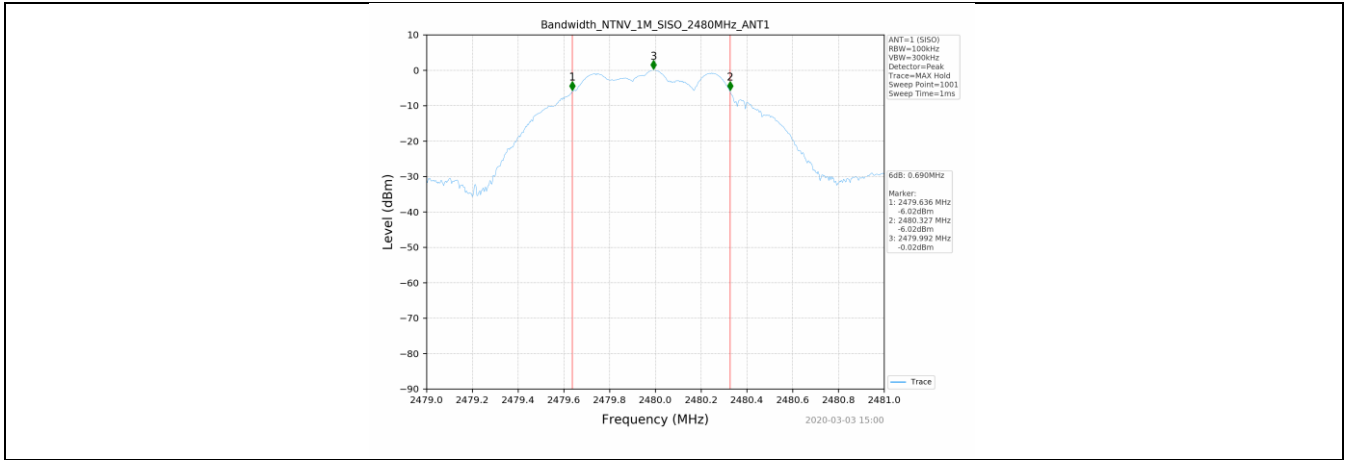
## 1.1 Test Result

Test Mode	Frequency (MHz)	TX Type	ANT No.	6dB Bandwidth	Verdict
				Test Result (MHz)	
1M	2402	SISO	1	0.690	PASS
	2440	SISO	1	0.686	PASS
	2480	SISO	1	0.690	PASS

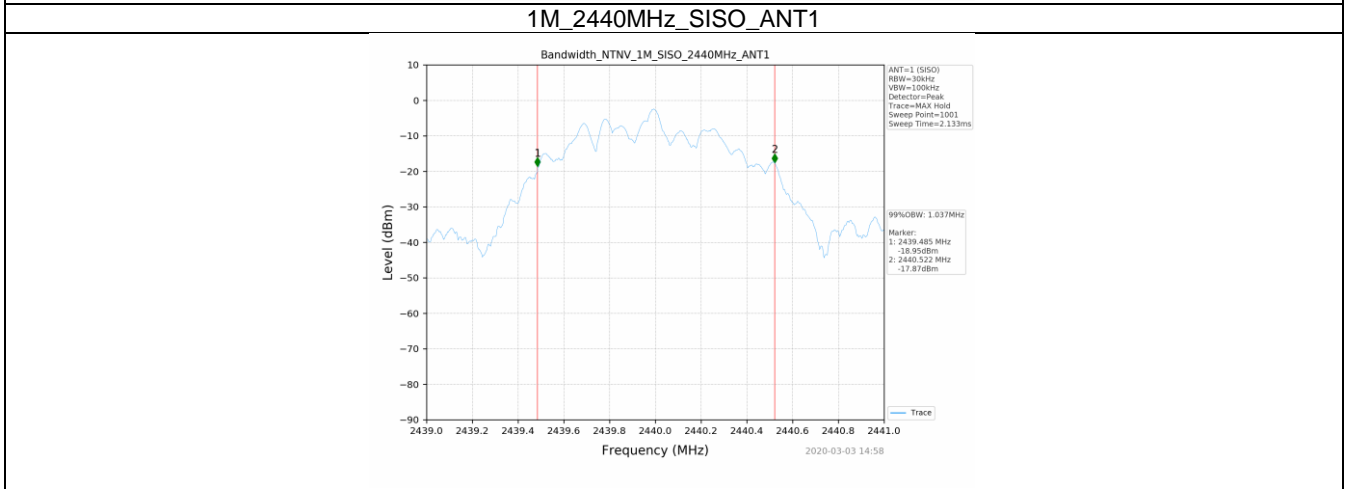
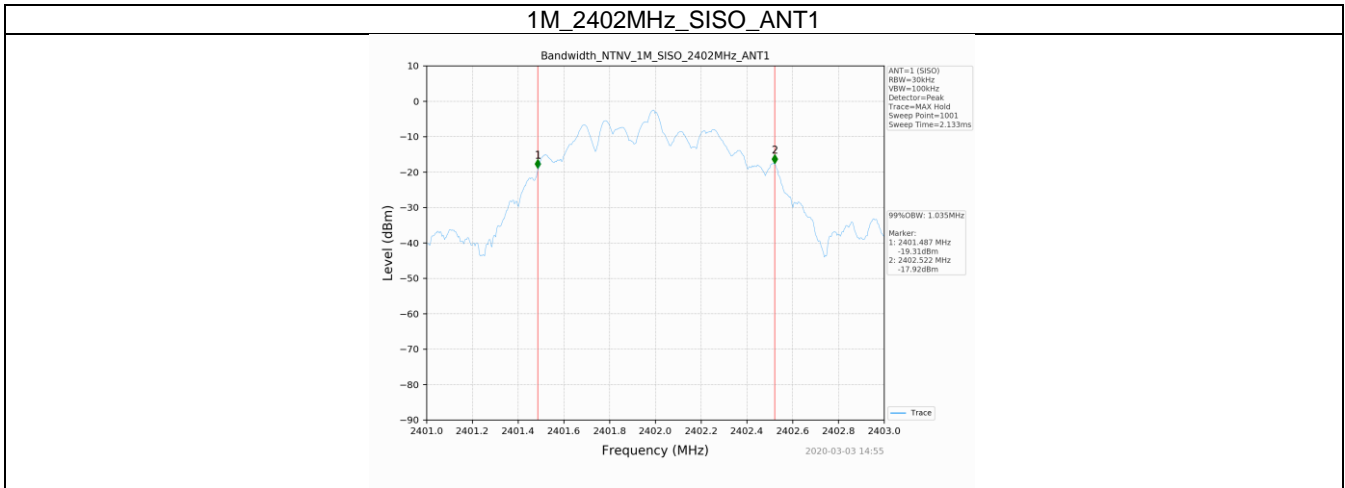
Test Mode	Frequency (MHz)	TX Type	ANT No.	99% Occupied Bandwidth	
				Test Result (MHz)	
1M	2402	SISO	1	1.035	Only for Report Use
	2440	SISO	1	1.037	Only for Report Use
	2480	SISO	1	1.039	Only for Report Use

## 1.2 Test Graph - 6dB Bandwidth

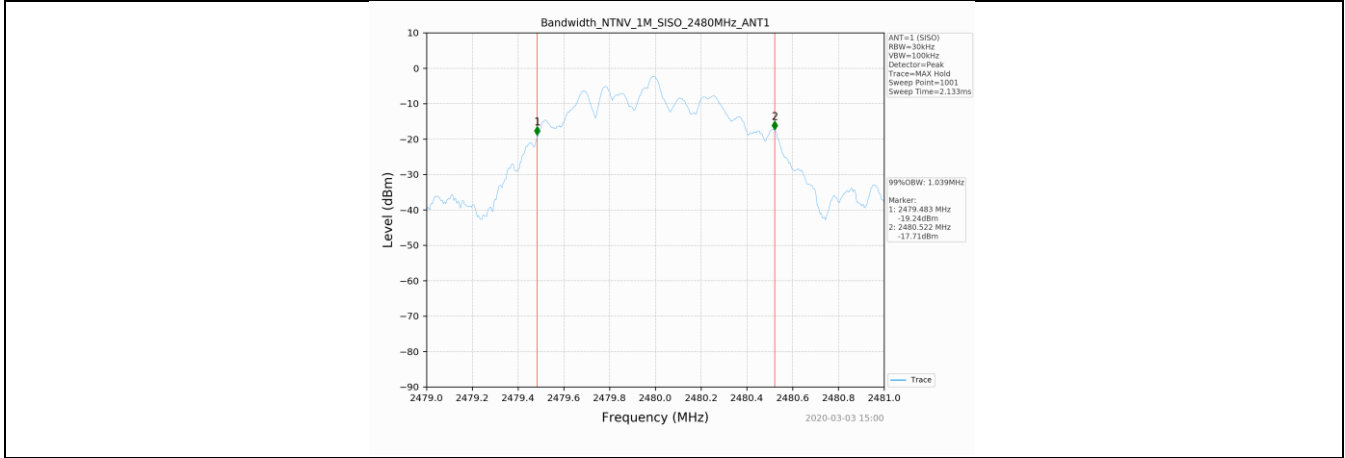




### 1.3 Test Graph - 99% Occupied Bandwidth



**1M\_2480MHz\_SISO\_ANT1**

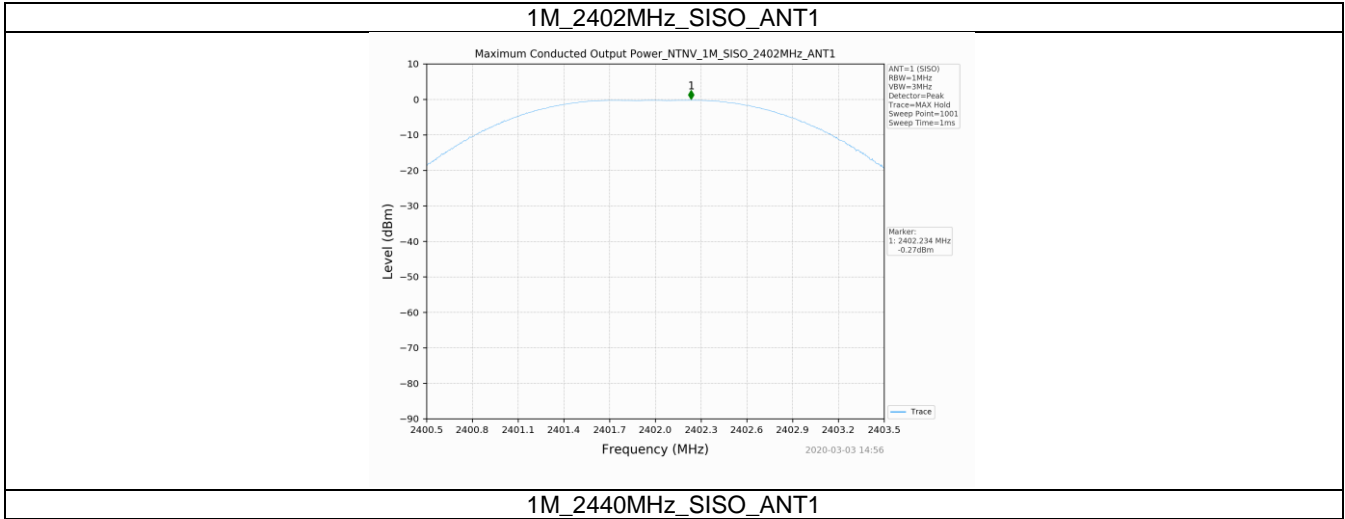


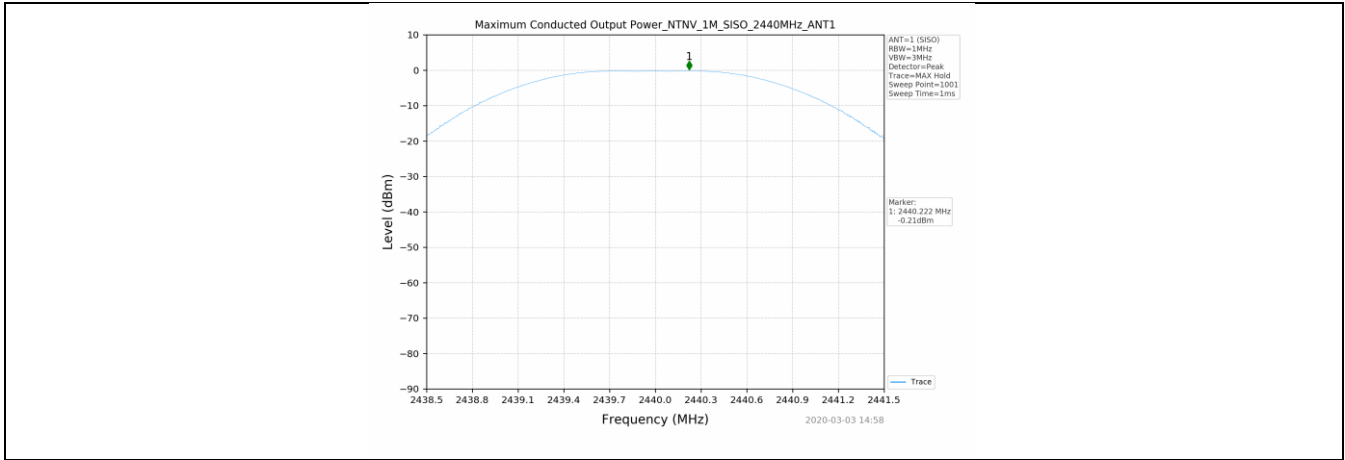
## 2. Maximum Conducted Output Power

### 2.1 Test Result

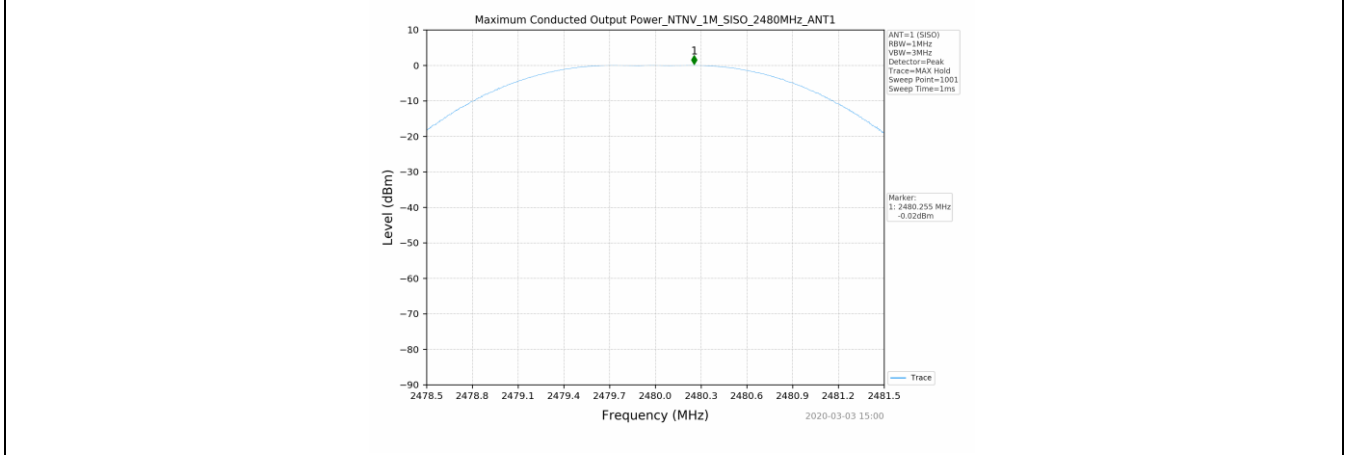
Test Mode	Frequency (MHz)	Tx Type	Measured Peak Output Power (dBm)	Limits (dBm)	Verdict
			Ant 1		
1M	2402	SISO	-0.27	30	PASS
	2440	SISO	-0.21	30	PASS
	2480	SISO	-0.02	30	PASS

### 2.2 Test Graph





1M\_2480MHz\_SISO\_ANT1



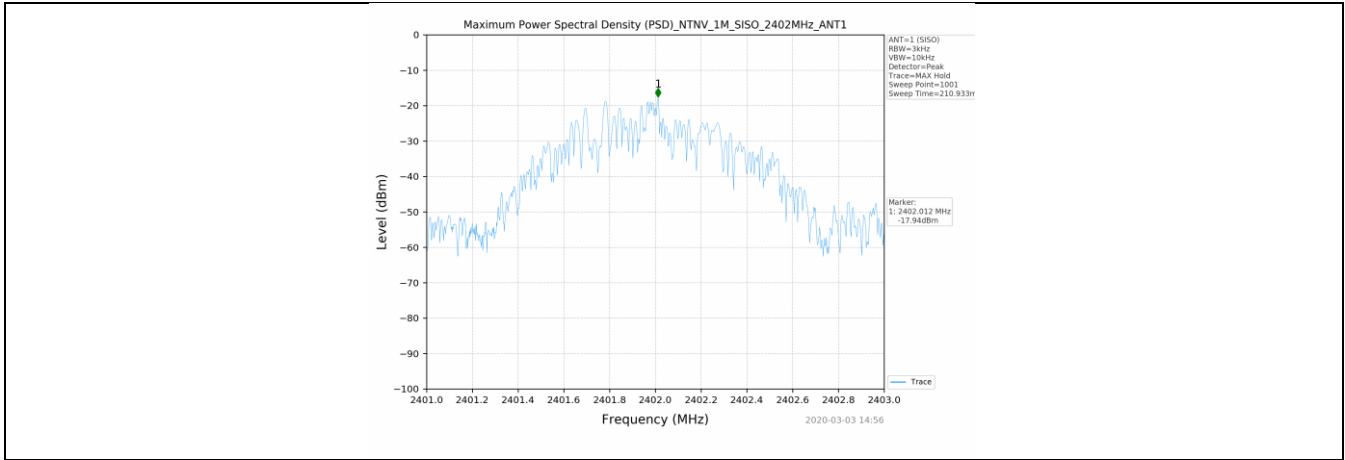
### 3. Maximum Power Spectral Density (PSD)

#### 3.1 Test Result

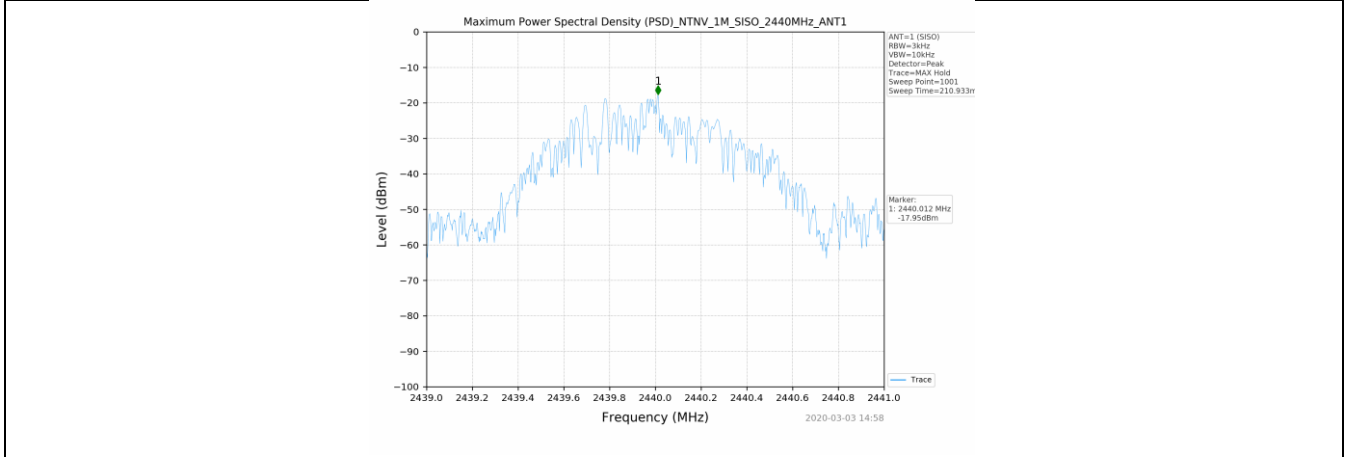
Test Mode	Frequency (MHz)	Tx Type	Maximum Power Spectral Density (dBm/3KHz)	Limits (dBm/3KHz)	Verdict
			Ant 1		
1M	2402	SISO	-17.94	≤8	PASS
	2440	SISO	-17.95	≤8	PASS
	2480	SISO	-17.72	≤8	PASS

#### 3.2 Test Graph

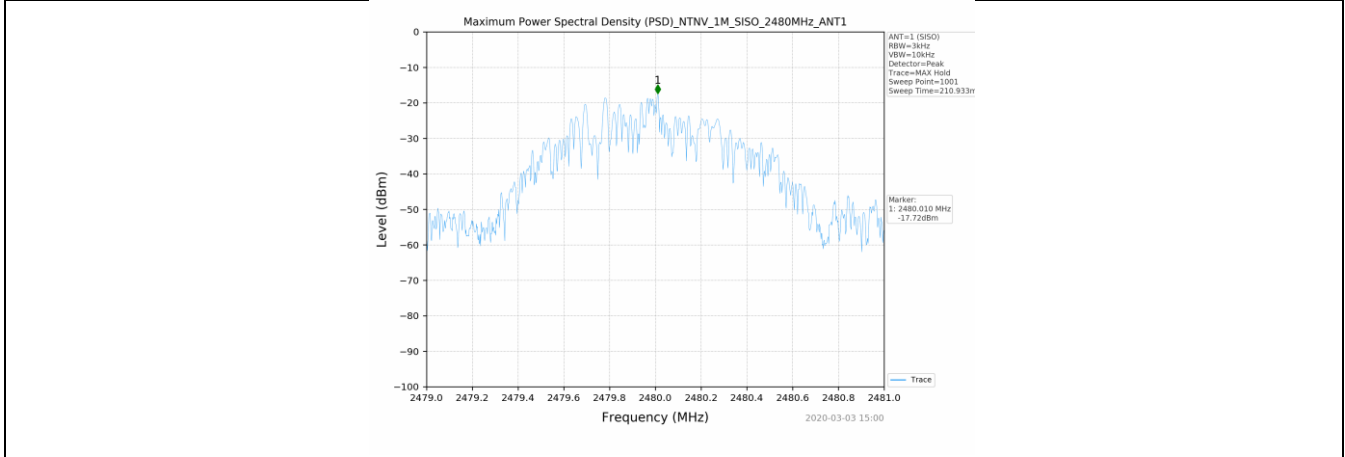
1M\_2402MHz\_SISO\_ANT1



1M\_2440MHz\_SISO\_ANT1



1M\_2480MHz\_SISO\_ANT1



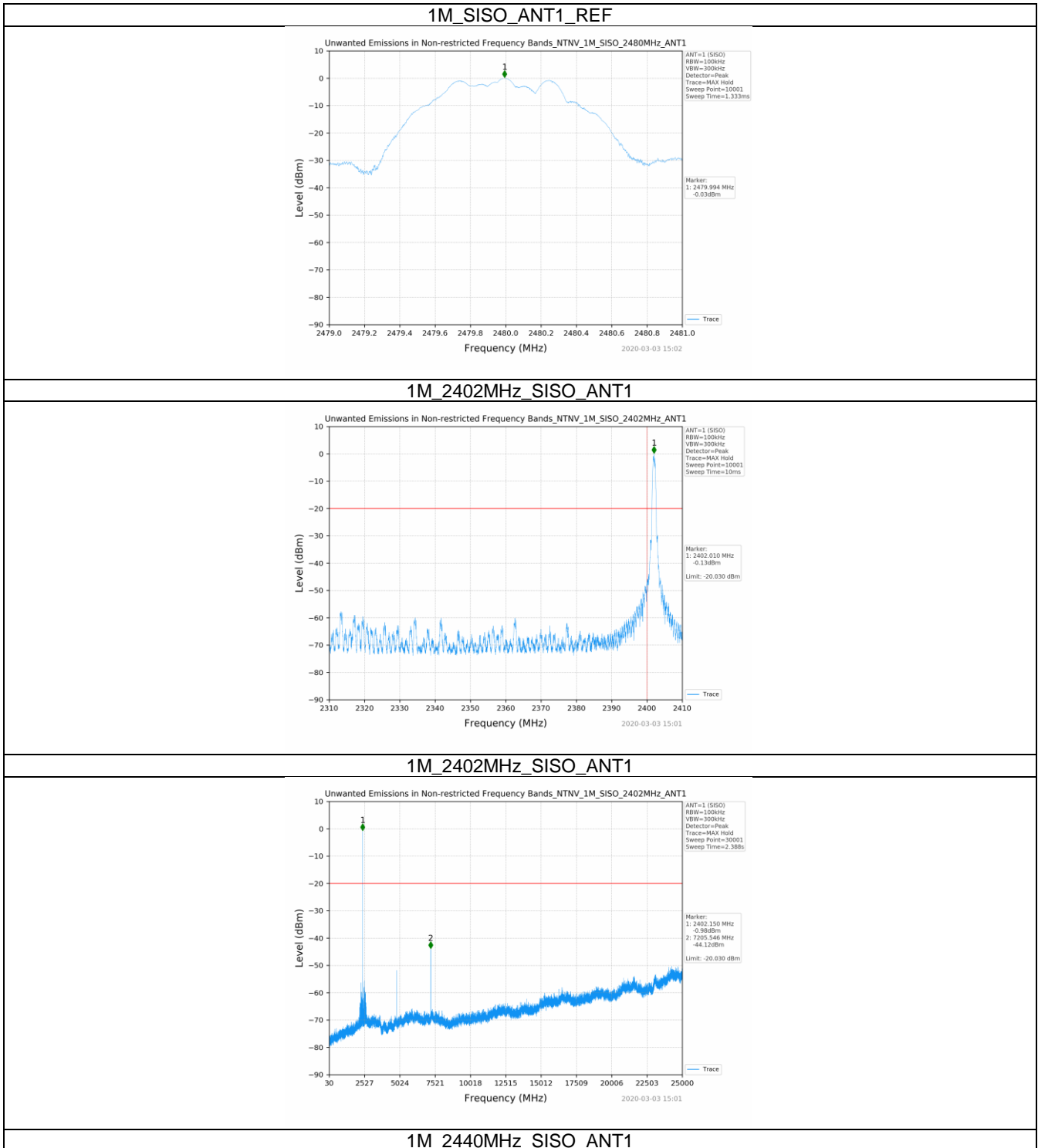
### 4. Unwanted Emissions in Non-restricted Frequency Bands

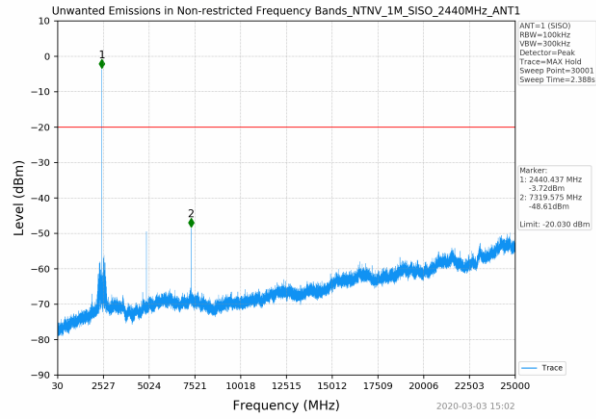
#### 4.1 Test Result

Test Mode	Frequency (MHz)	TX Type	ANT No.	Spurious Conducted Emission (dBm)	Limits (dBm)	Verdict
1M	2402	SISO	1	Refer to test graph	-20.03	PASS

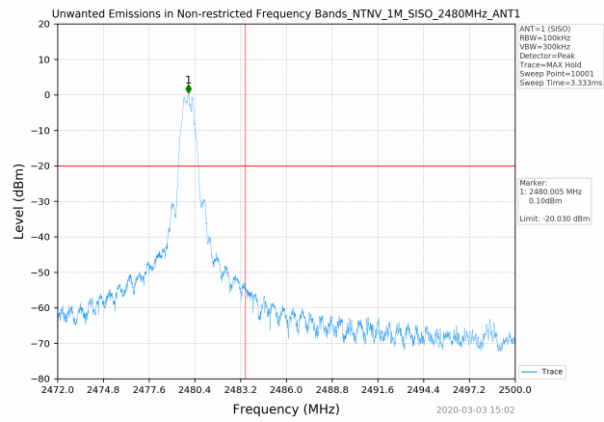
	2440	SISO	1	Refer to test graph	-20.03	PASS
	2480	SISO	1	Refer to test graph	-20.03	PASS

## 4.2 Test Graph





1M\_2480MHz\_SISO\_ANT1



1M\_2480MHz\_SISO\_ANT1

