

Annex for BLE Part 15.247

Test Report No.: CTL2001181021-WF02

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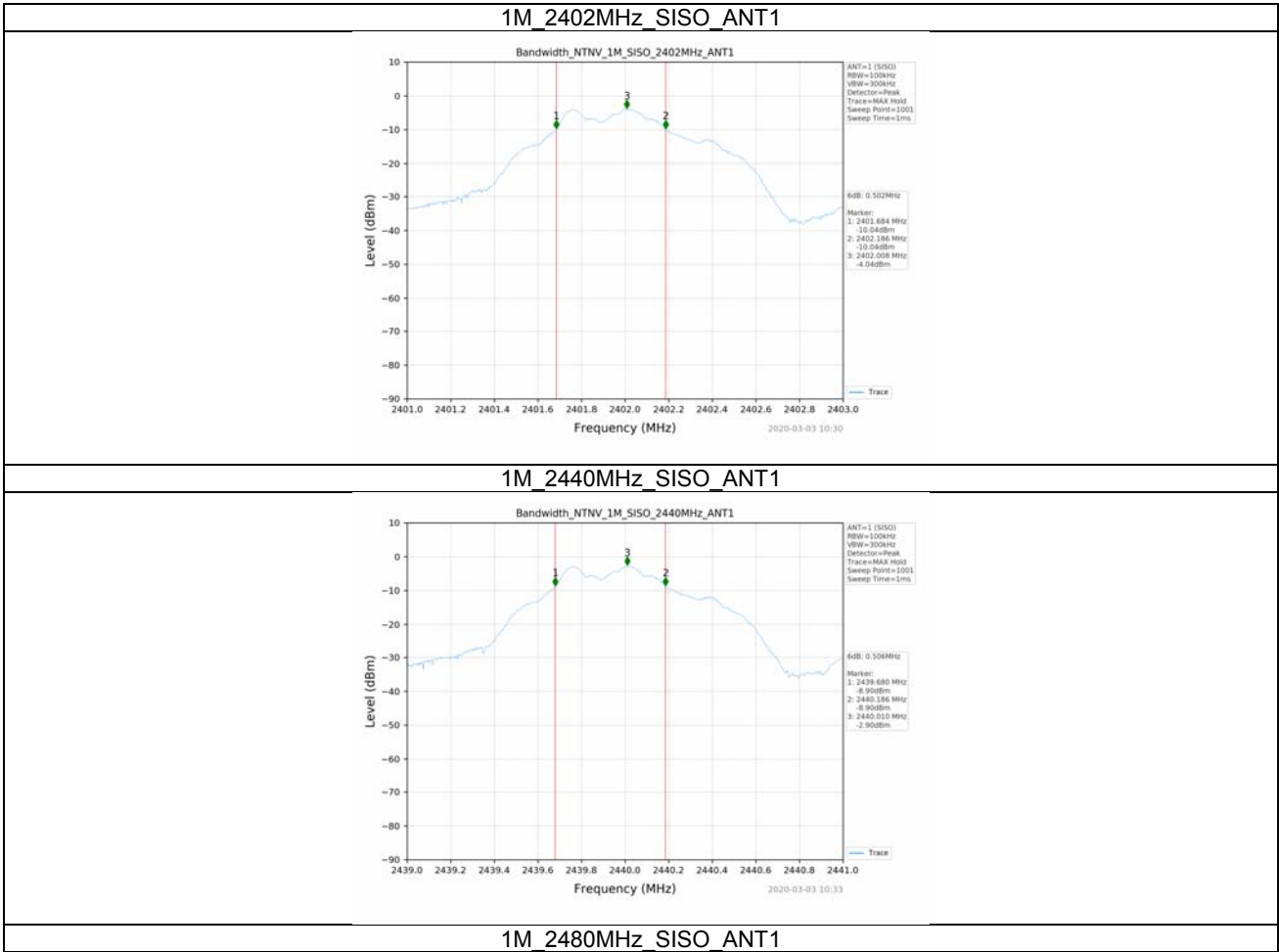
1. Bandwidth

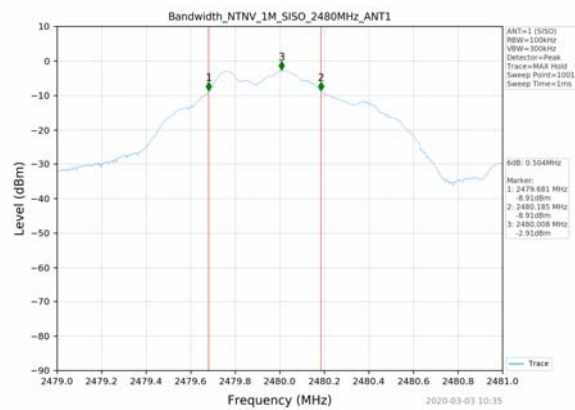
1.1 Test Result

Test Mode	Frequency (MHz)	TX Type	ANT No.	6dB Bandwidth	Verdict
				Test Result (MHz)	
1M	2402	SISO	1	0.502	PASS
	2440	SISO	1	0.506	PASS
	2480	SISO	1	0.504	PASS

Test Mode	Frequency (MHz)	TX Type	ANT No.	99% Occupied Bandwidth	
				Test Result (MHz)	
1M	2402	SISO	1	1.011	Only for Report Use
	2440	SISO	1	1.011	Only for Report Use
	2480	SISO	1	1.010	Only for Report Use

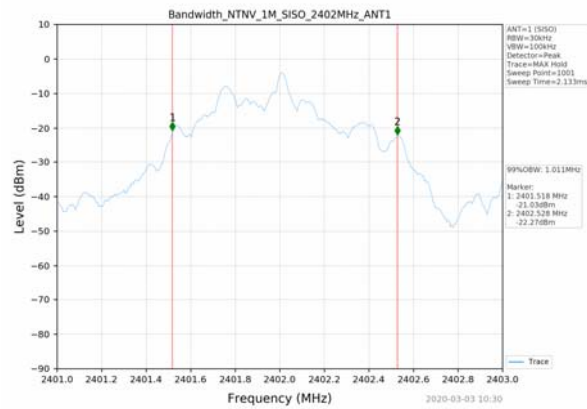
1.2 Test Graph - 6dB Bandwidth



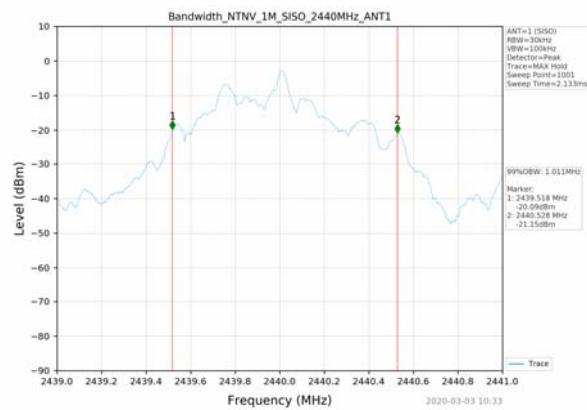


1.3 Test Graph - 99% Occupied Bandwidth

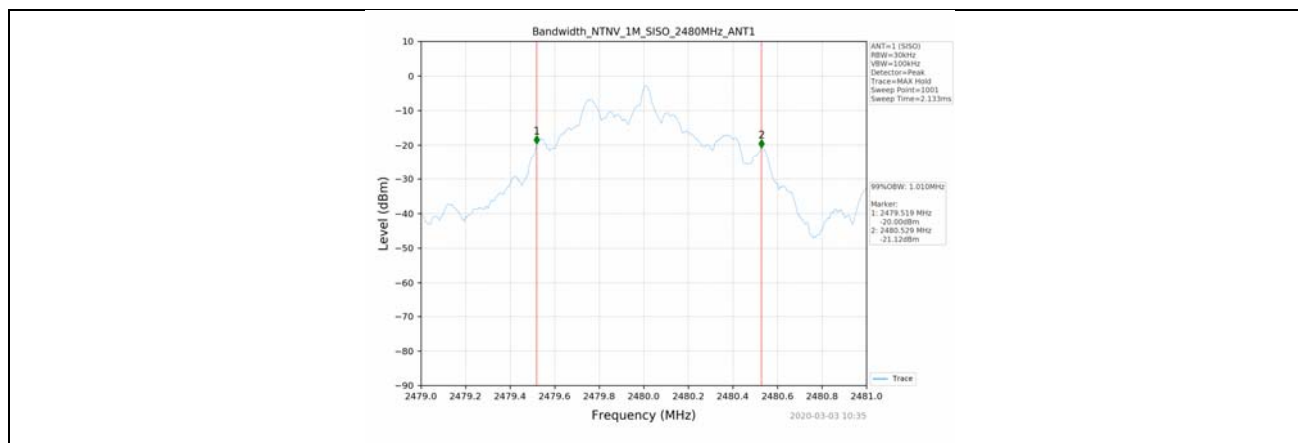
1M_2402MHz_SISO_ANT1



1M_2440MHz_SISO_ANT1



1M_2480MHz_SISO_ANT1

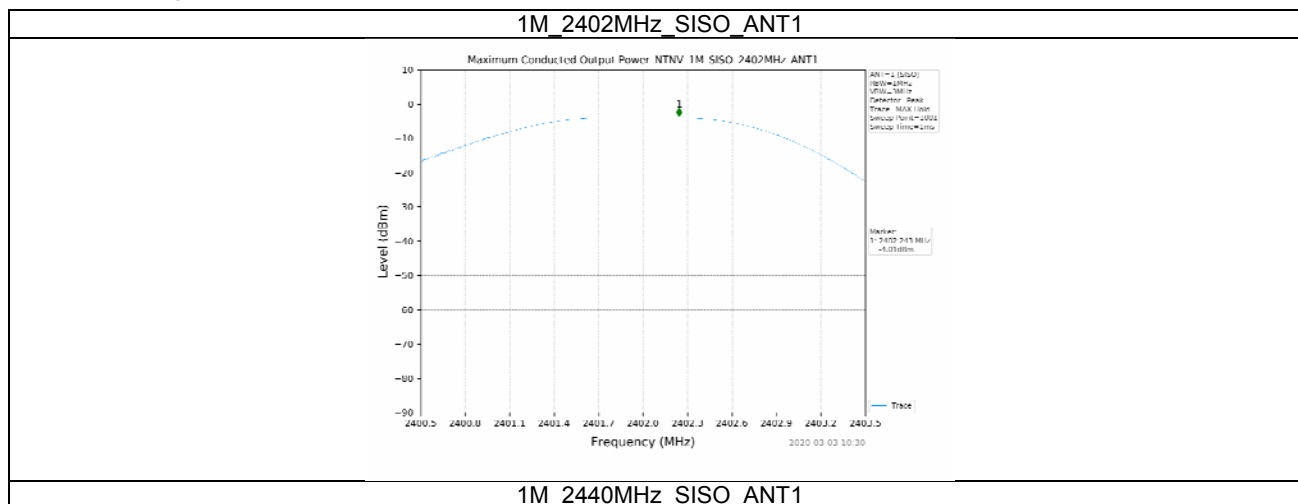


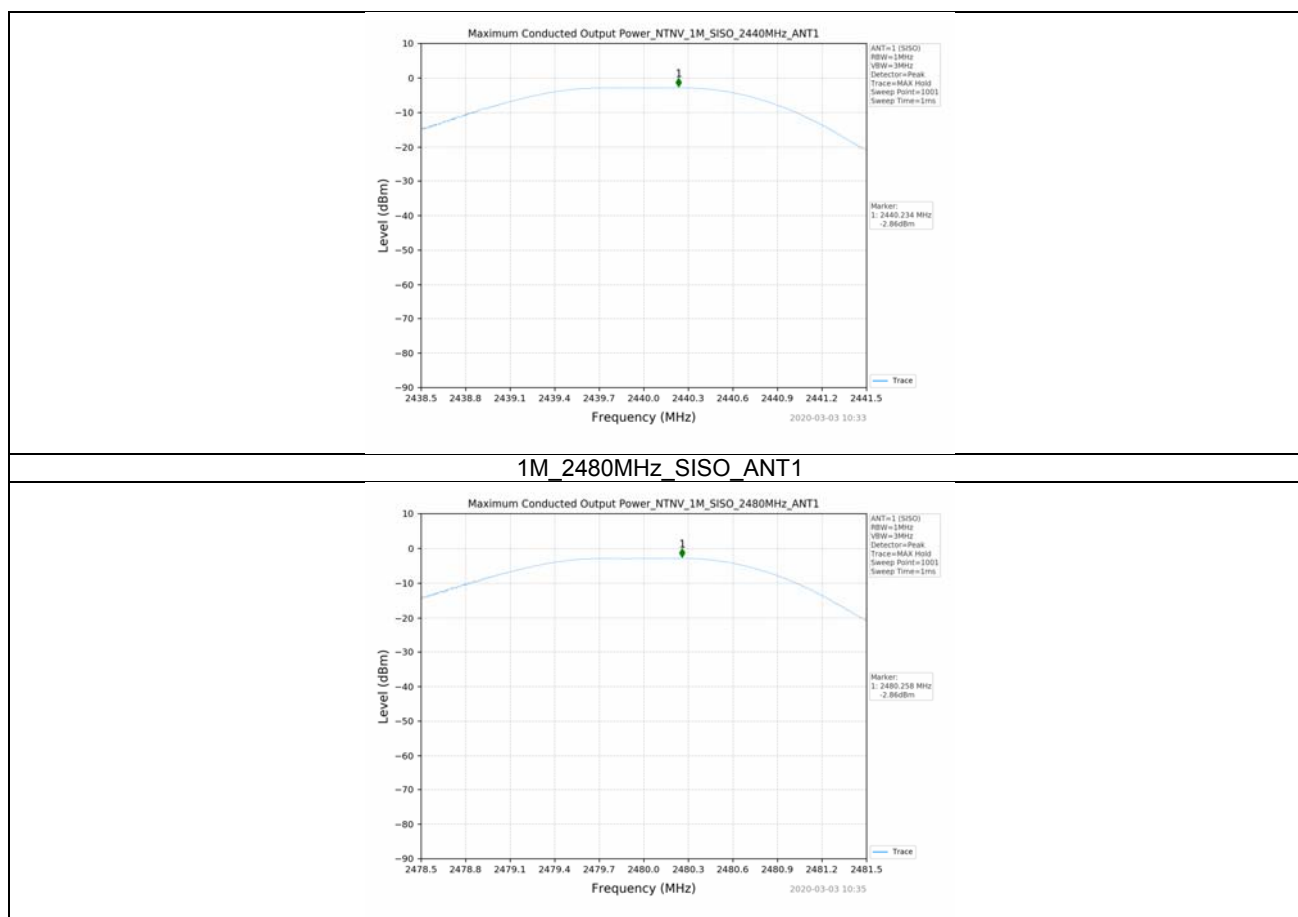
2. Maximum Conducted Output Power

2.1 Test Result

Test Mode	Frequency (MHz)	Tx Type	Measured Peak Output Power (dBm)	Limits (dBm)	Verdict
			Ant 1		
1M	2402	SISO	-4.01	30	PASS
	2440	SISO	-2.86	30	PASS
	2480	SISO	-2.86	30	PASS

2.2 Test Graph





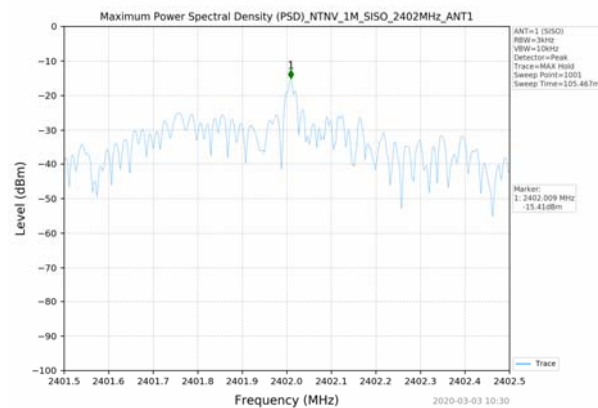
3. Maximum Power Spectral Density (PSD)

3.1 Test Result

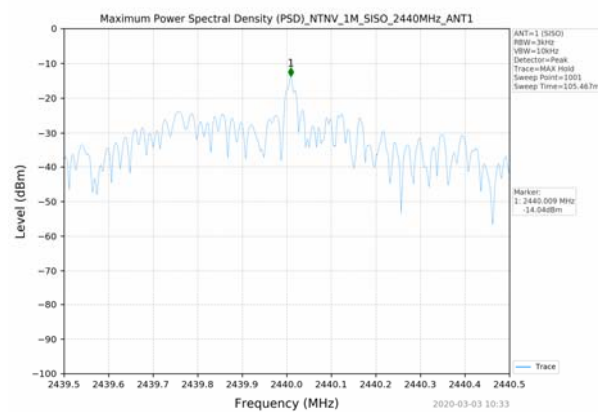
Test Mode	Frequency (MHz)	Tx Type	Maximum Power Spectral Density (dBm/3KHz)	Limits (dBm/3kHz)	Verdict
			Ant 1		
1M	2402	SISO	-15.41	≤8	PASS
	2440	SISO	-14.04	≤8	PASS
	2480	SISO	-14.33	≤8	PASS

3.2 Test Graph

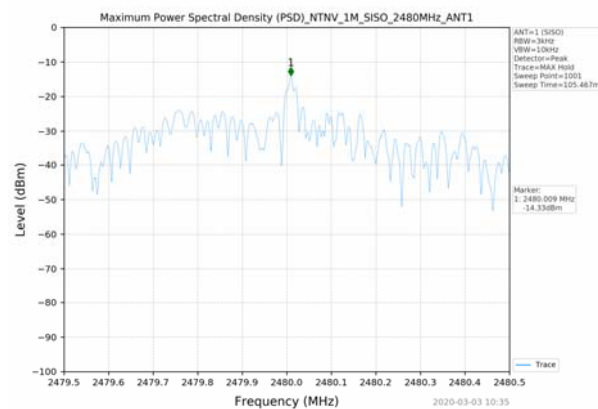
1M_2402MHz_SISO_ANT1



1M_2440MHz_SISO_ANT1



1M_2480MHz_SISO_ANT1



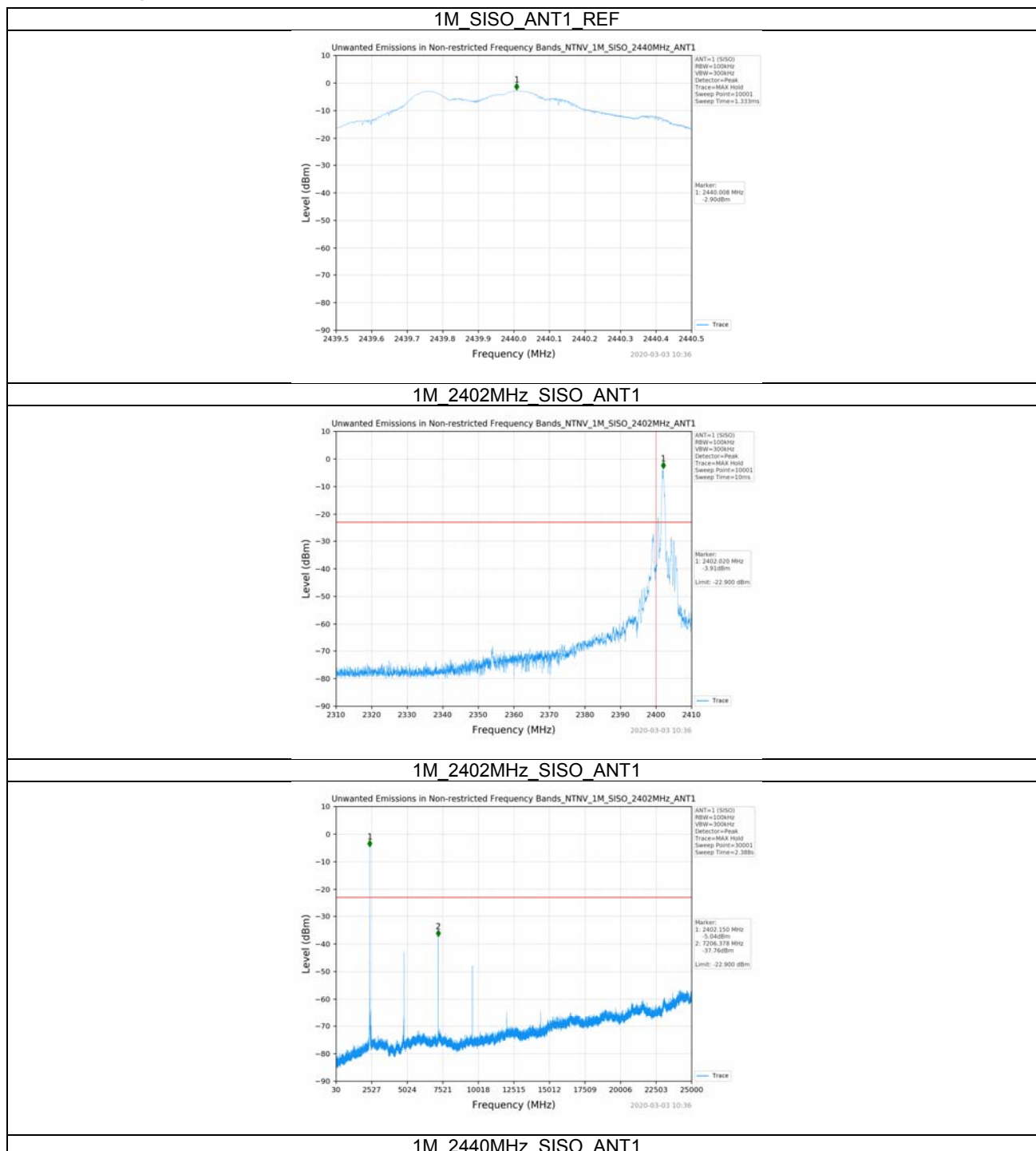
4. Unwanted Emissions in Non-restricted Frequency Bands

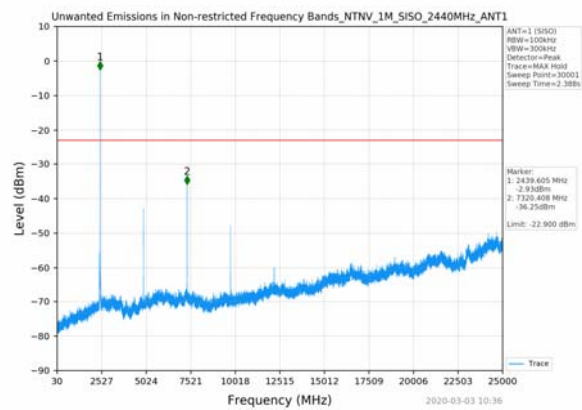
4.1 Test Result

Test Mode	Frequency (MHz)	TX Type	ANT No.	Spurious Conducted Emission (dBm)	Limits (dBm)	Verdict
1M	2402	SISO	1	Refer to test graph	-22.90	PASS

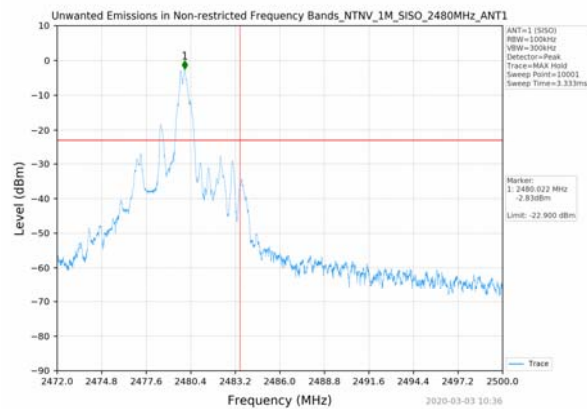
	2440	SISO	1	Refer to test graph	-22.90	PASS
	2480	SISO	1	Refer to test graph	-22.90	PASS

4.2 Test Graph





1M_2480MHz_SISO_ANT1



1M_2480MHz_SISO_ANT1

