



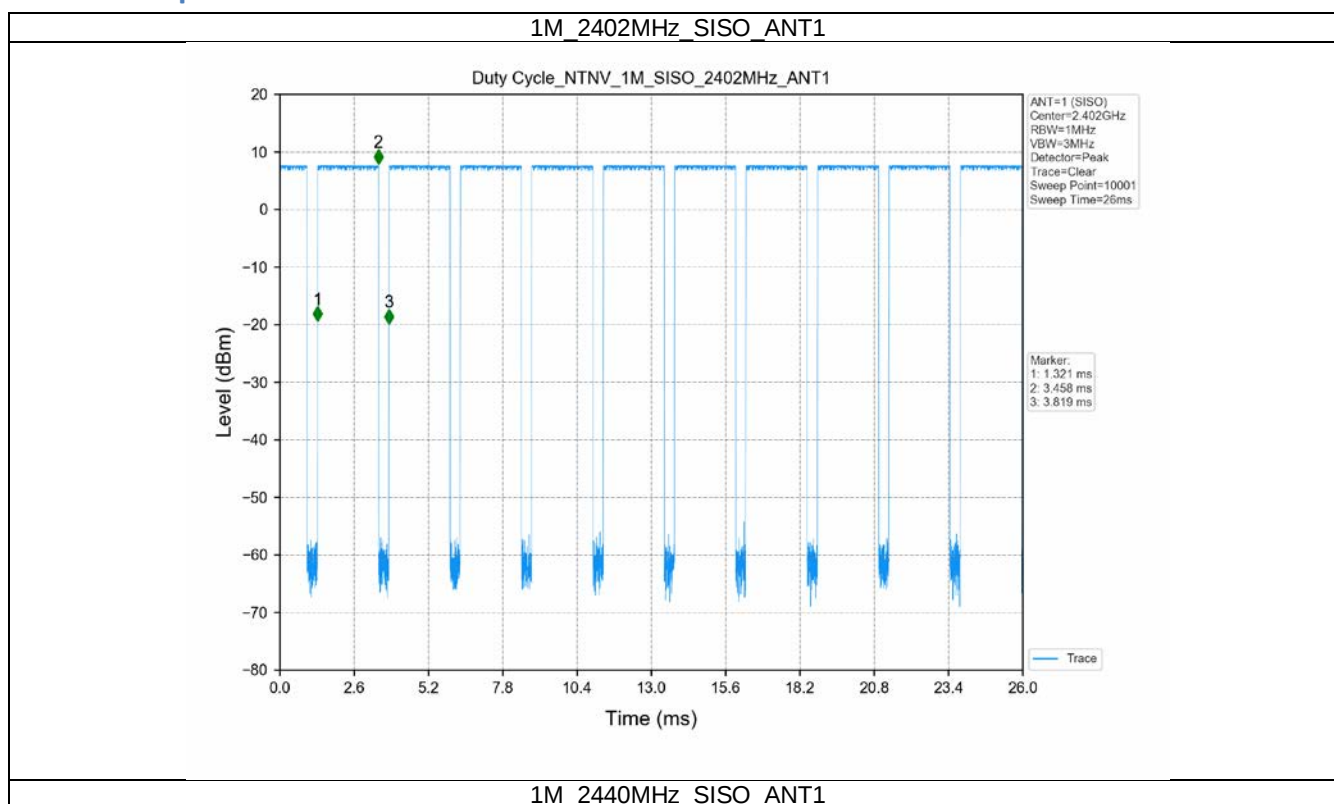
Appendix C for SHEM200300156703

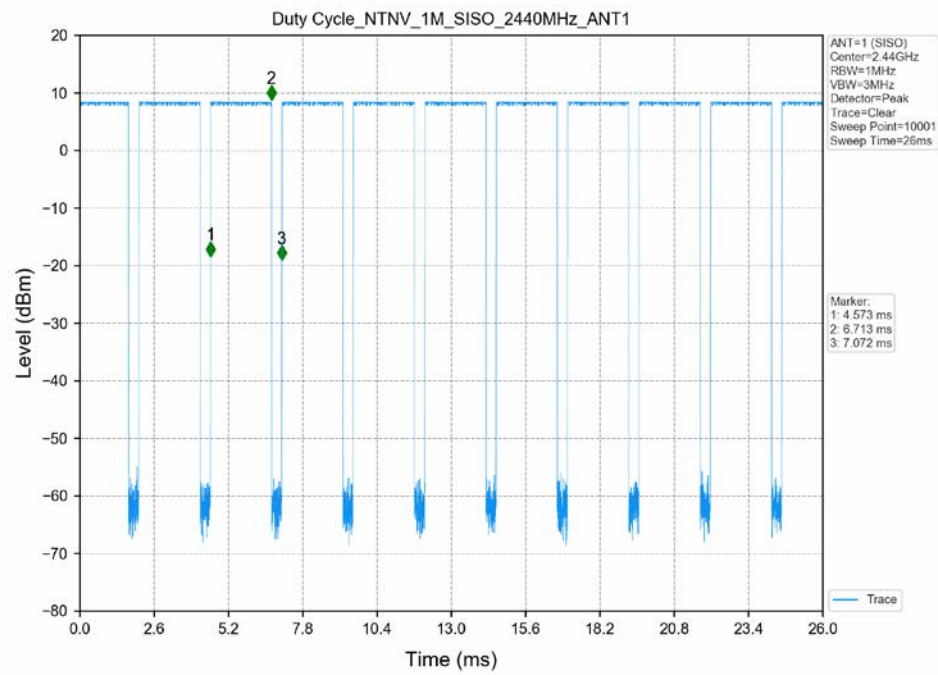
1. Duty Cycle

1.1 Test Result

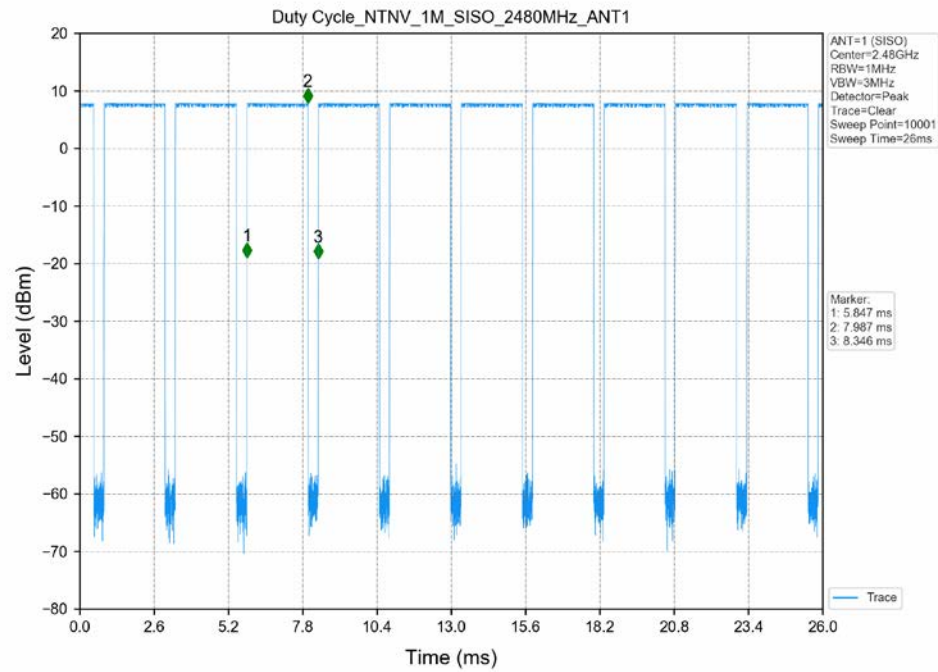
Test Mode	Channel Frequency(MHz)	TX Type	ANT No.	T_on (ms)	Period (ms)	Duty Cycle (%)	Duty Cycle Correction Factor (dB)
1M	2402	SISO	1	2.137	2.498	85.55	0.68
	2440	SISO	1	2.140	2.499	85.63	0.67
	2480	SISO	1	2.140	2.499	85.63	0.67

1.2 Test Graph





1M_2480MHz_SISO_ANT1





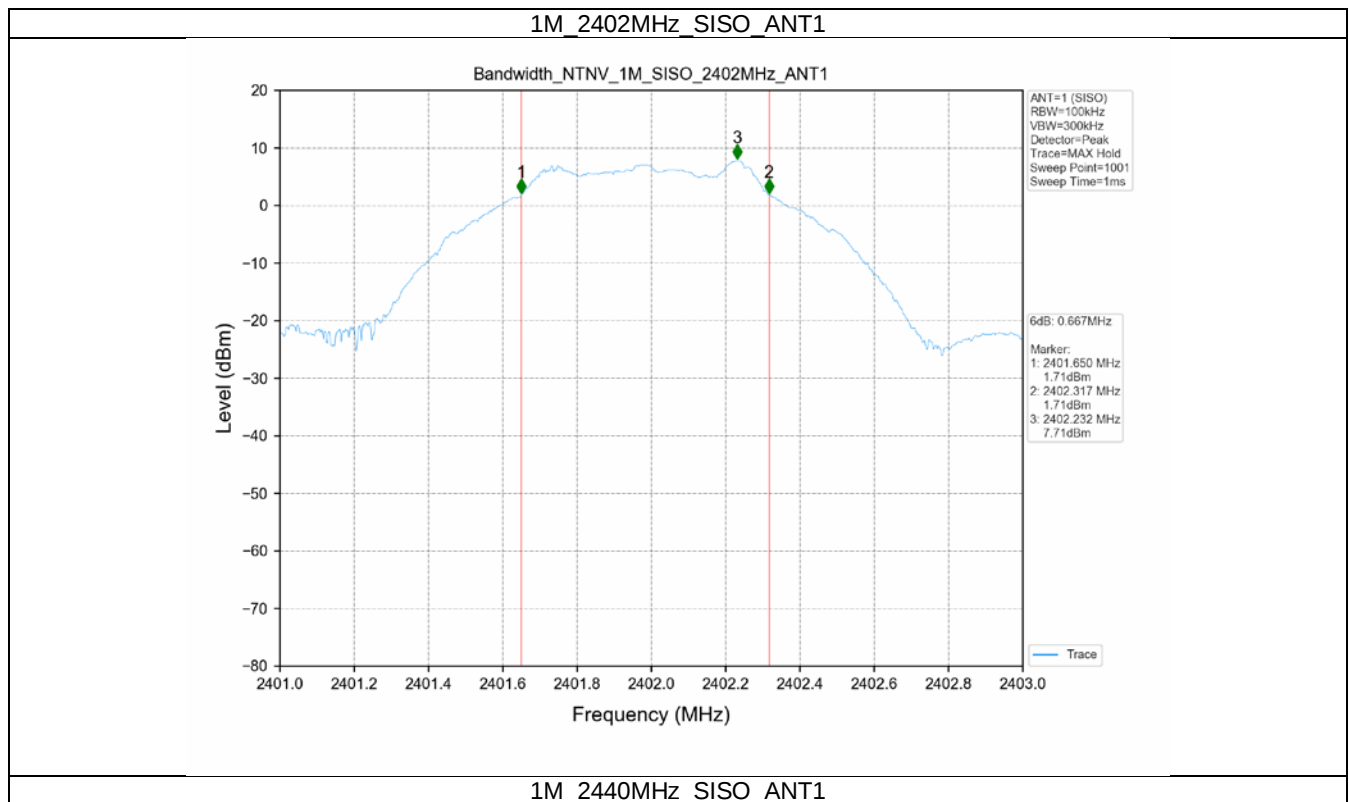
2. Bandwidth

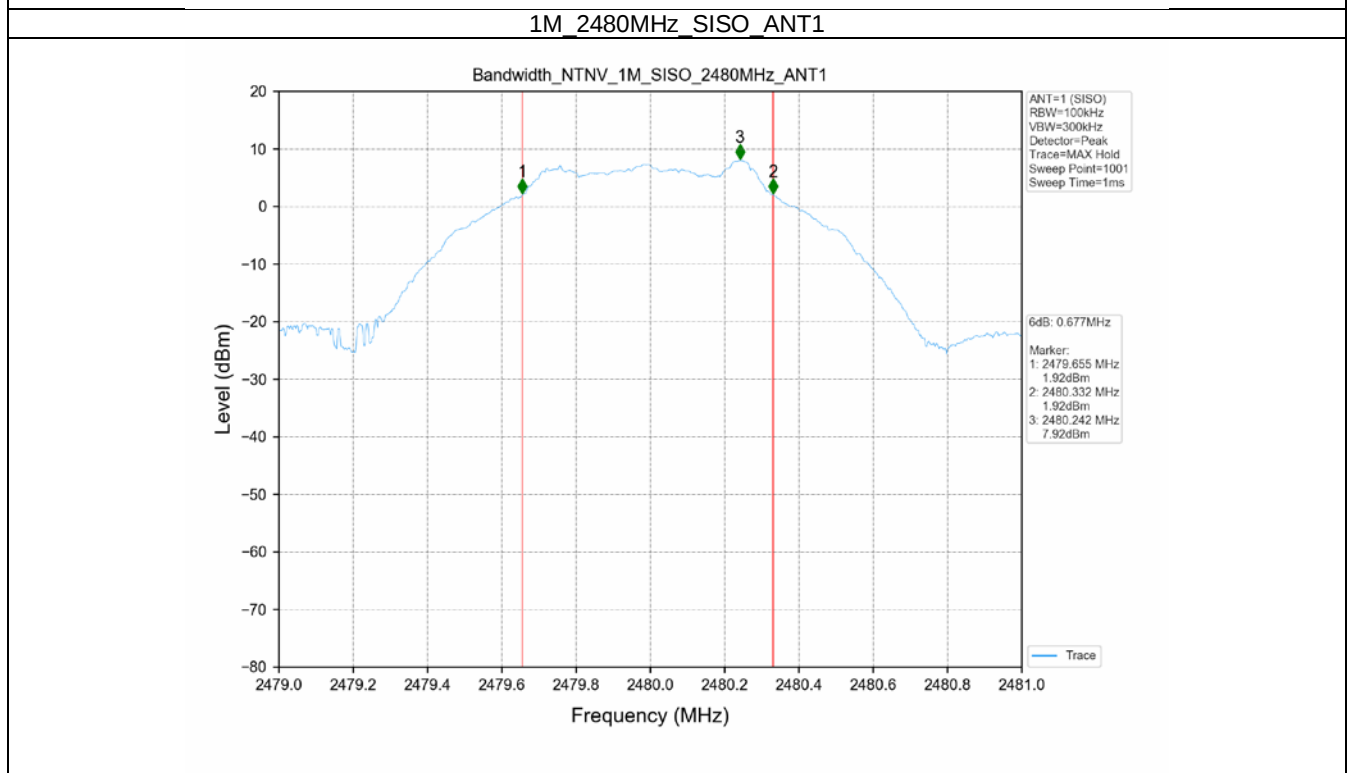
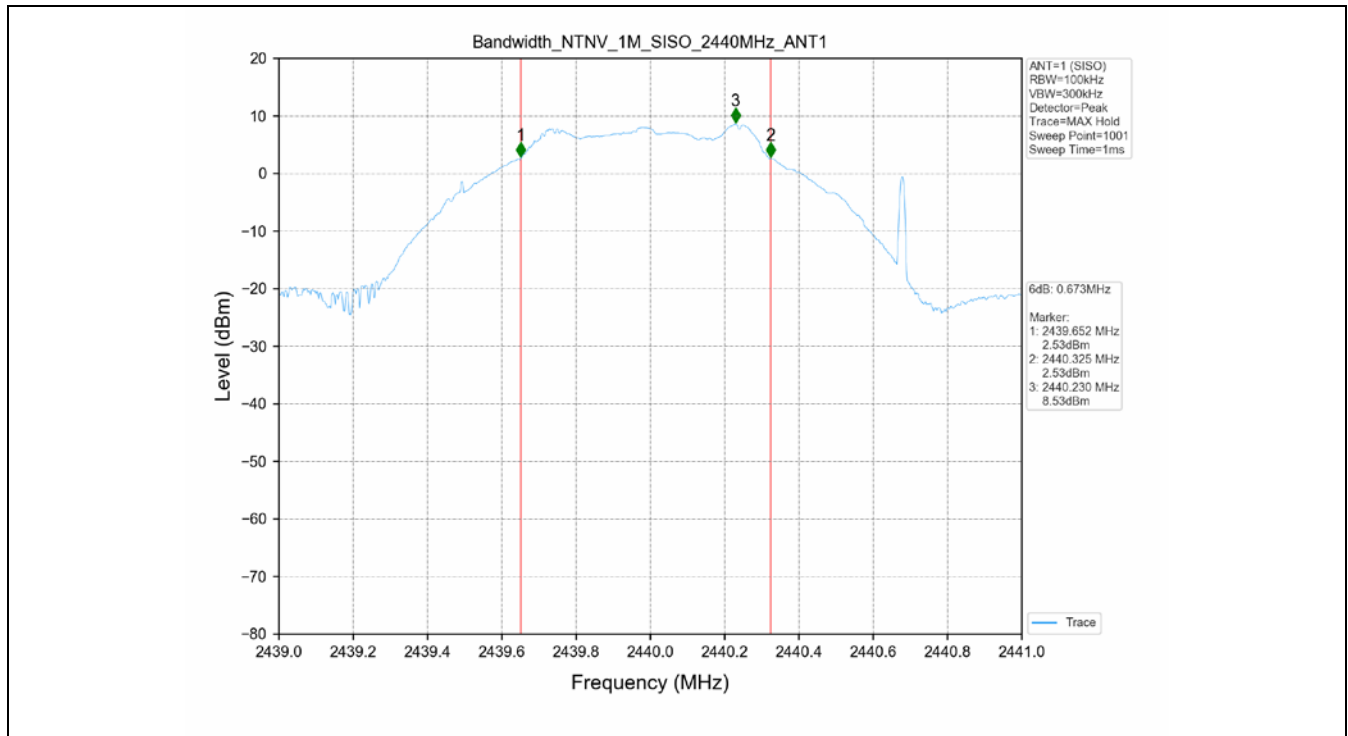
2.1 Test Result

Test Mode	Frequency (MHz)	TX Type	ANT No.	6dB Bandwidth	Verdict
				Test Result (MHz)	
1M	2402	SISO	1	0.667	PASS
	2440	SISO	1	0.673	PASS
	2480	SISO	1	0.677	PASS

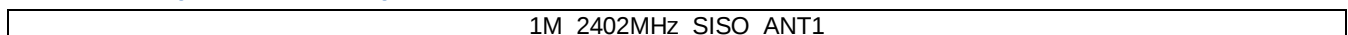
Test Mode	Frequency (MHz)	TX Type	ANT No.	99% Occupied Bandwidth	
				Test Result (MHz)	
1M	2402	SISO	1	1.055	Only for Report Use
	2440	SISO	1	1.060	Only for Report Use
	2480	SISO	1	1.077	Only for Report Use

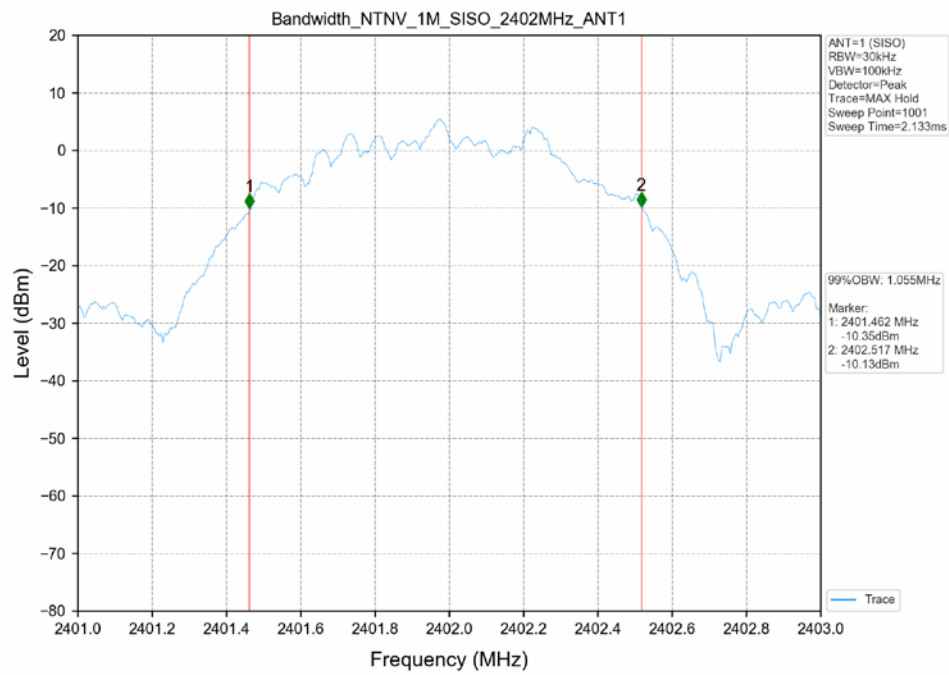
2.2 Test Graph - 6dB Bandwidth



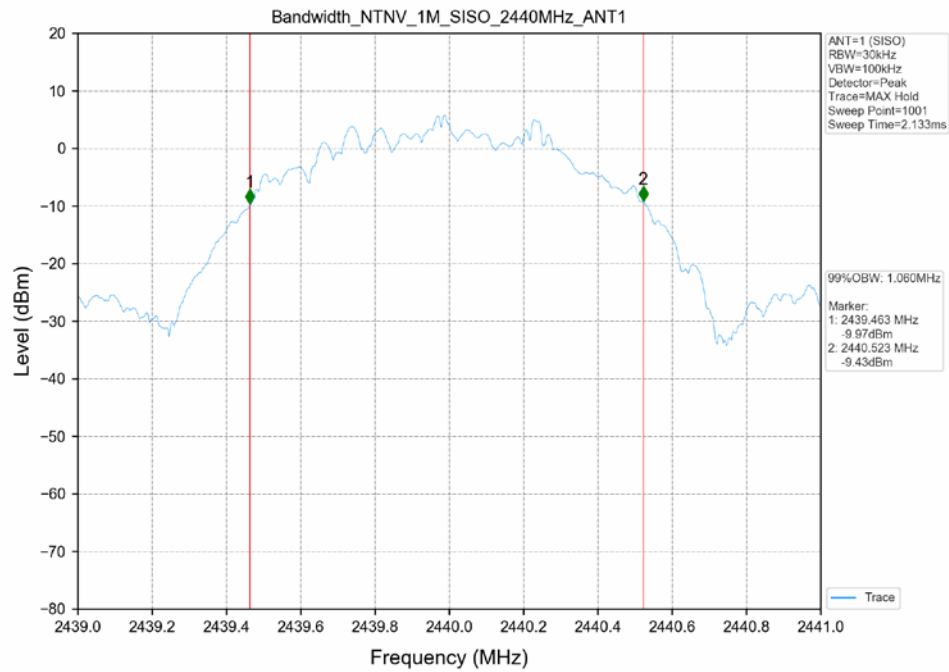


2.3 Test Graph - 99% Occupied Bandwidth

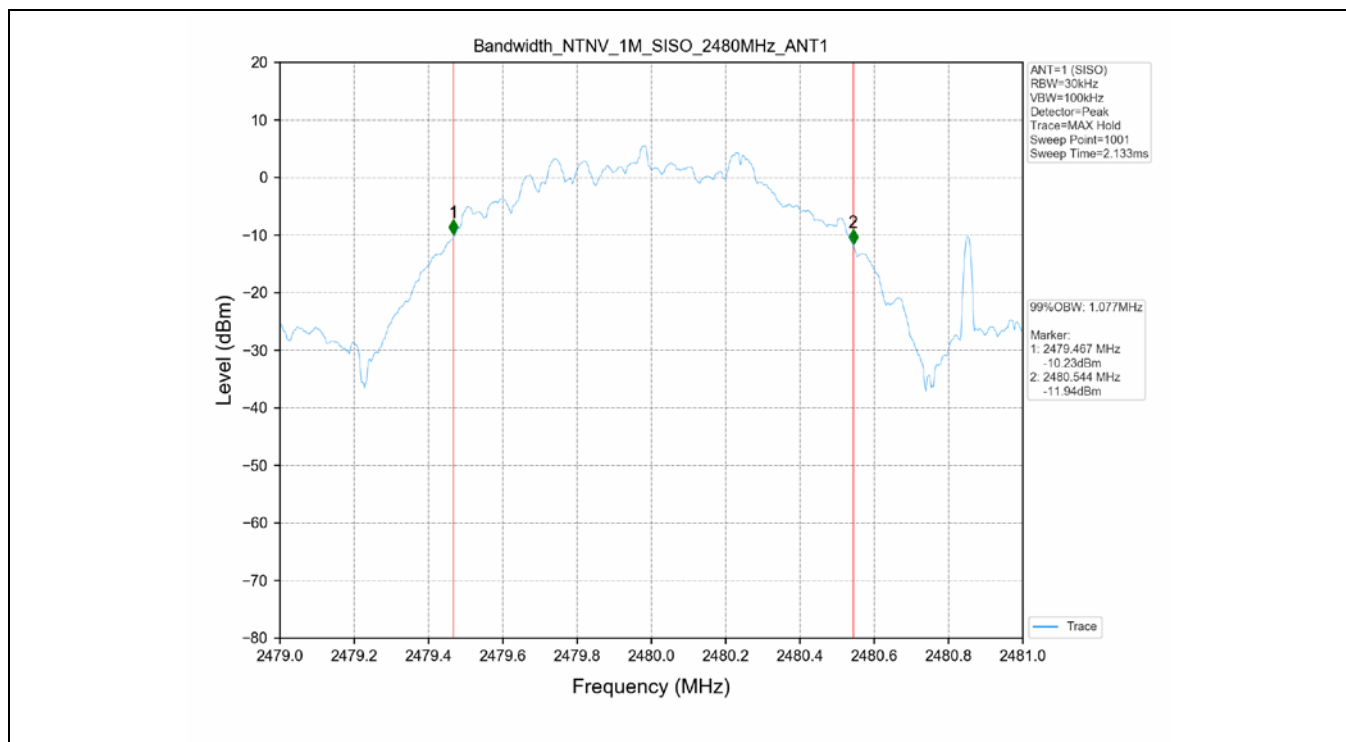




1M_2440MHz_SISO_ANT1



1M_2480MHz_SISO_ANT1



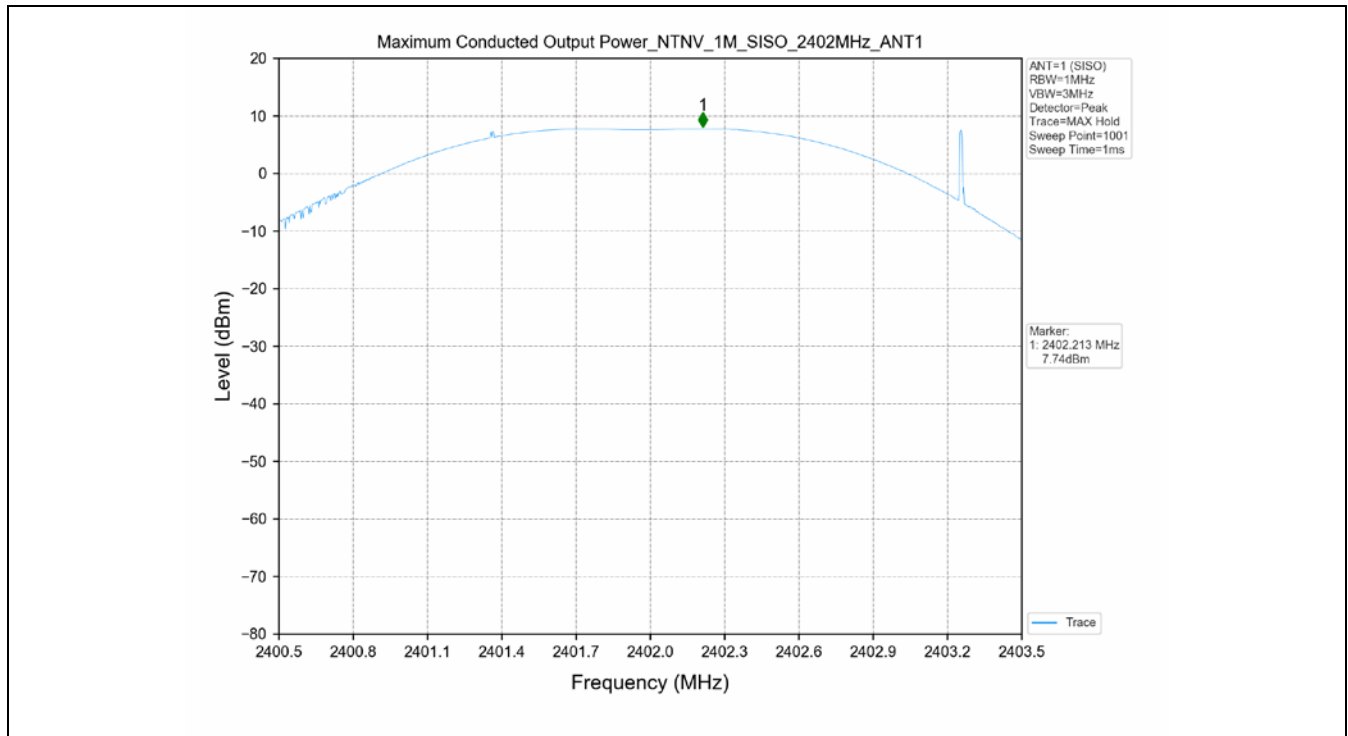
3. Maximum Conducted Output Power

3.1 Test Result

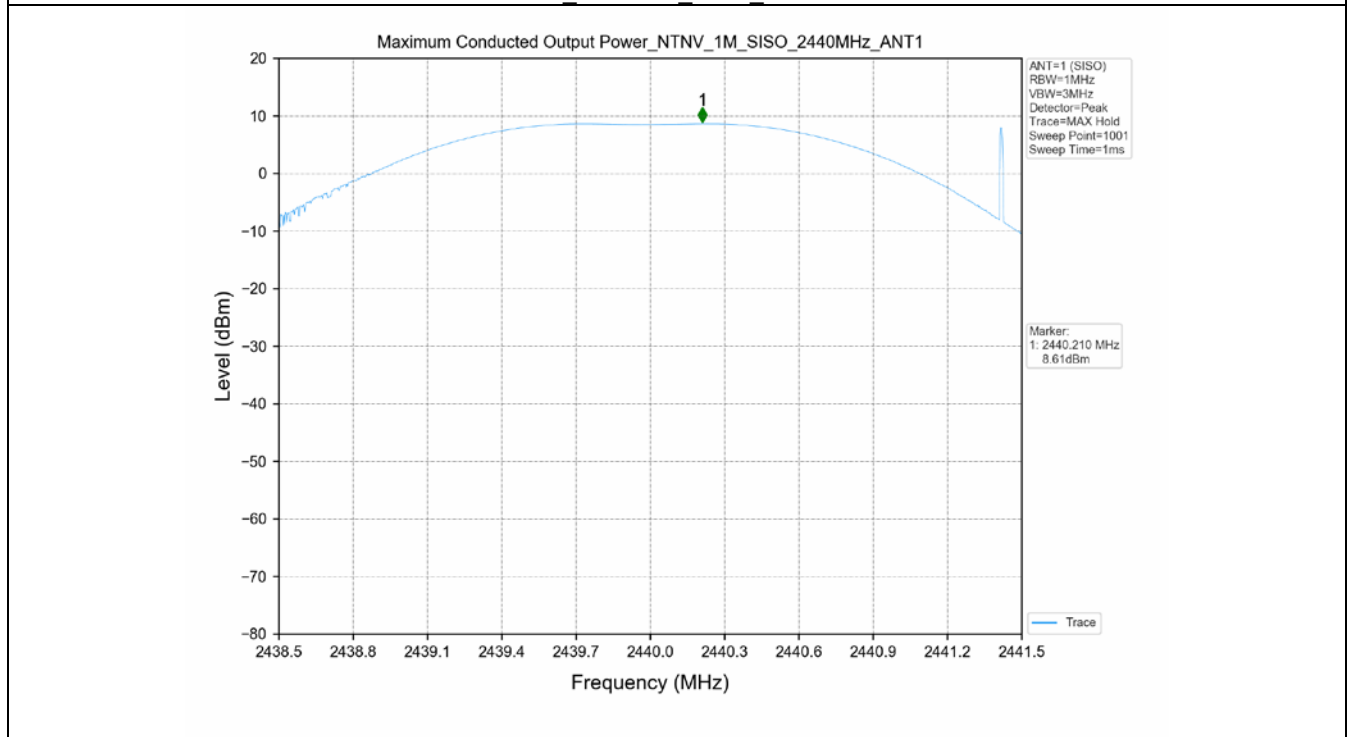
Test Mode	Frequency (MHz)	Tx Type	Measured Peak Output Power (dBm)	Limits (dBm)	Verdict
			Ant 1		
1M	2402	SISO	7.74	30	PASS
	2440	SISO	8.61	30	PASS
	2480	SISO	7.97	30	PASS

3.2 Test Graph

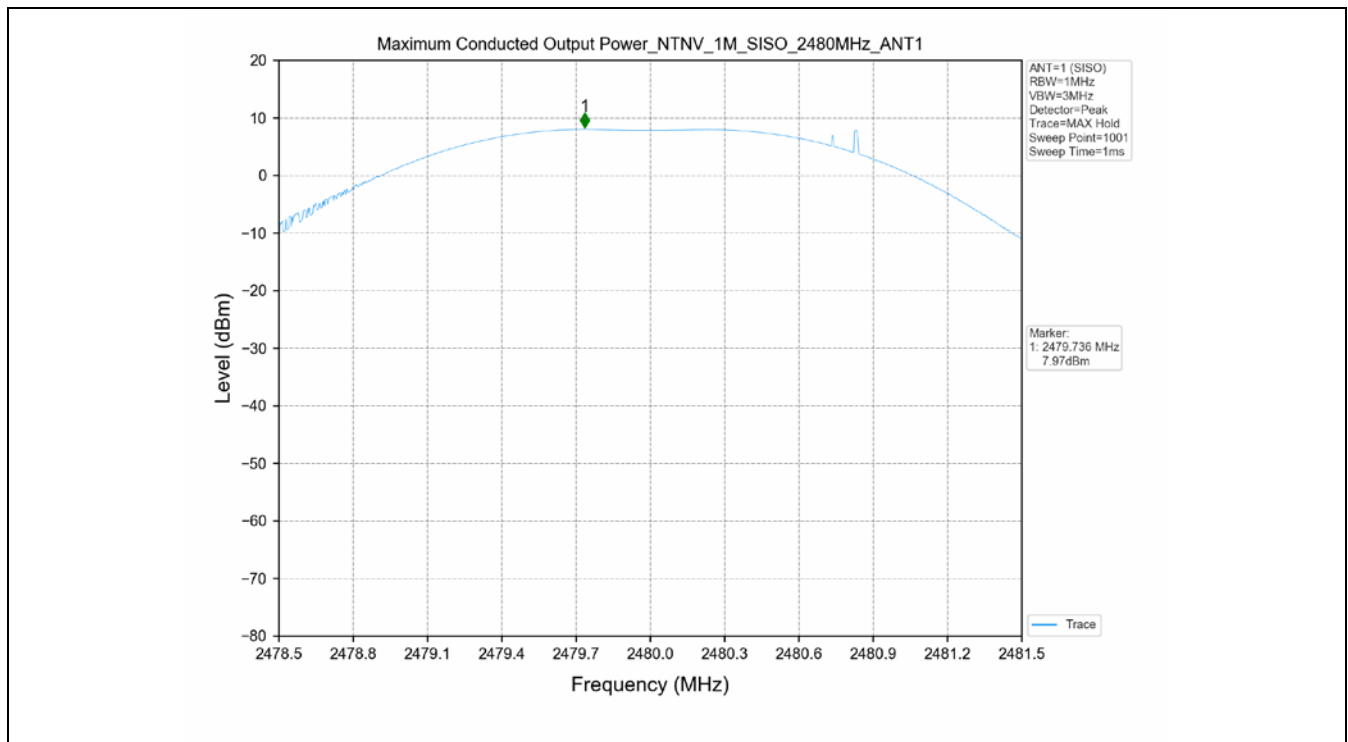
1M 2402MHz SISO ANT1



1M_2440MHz_SISO_ANT1



1M_2480MHz_SISO_ANT1



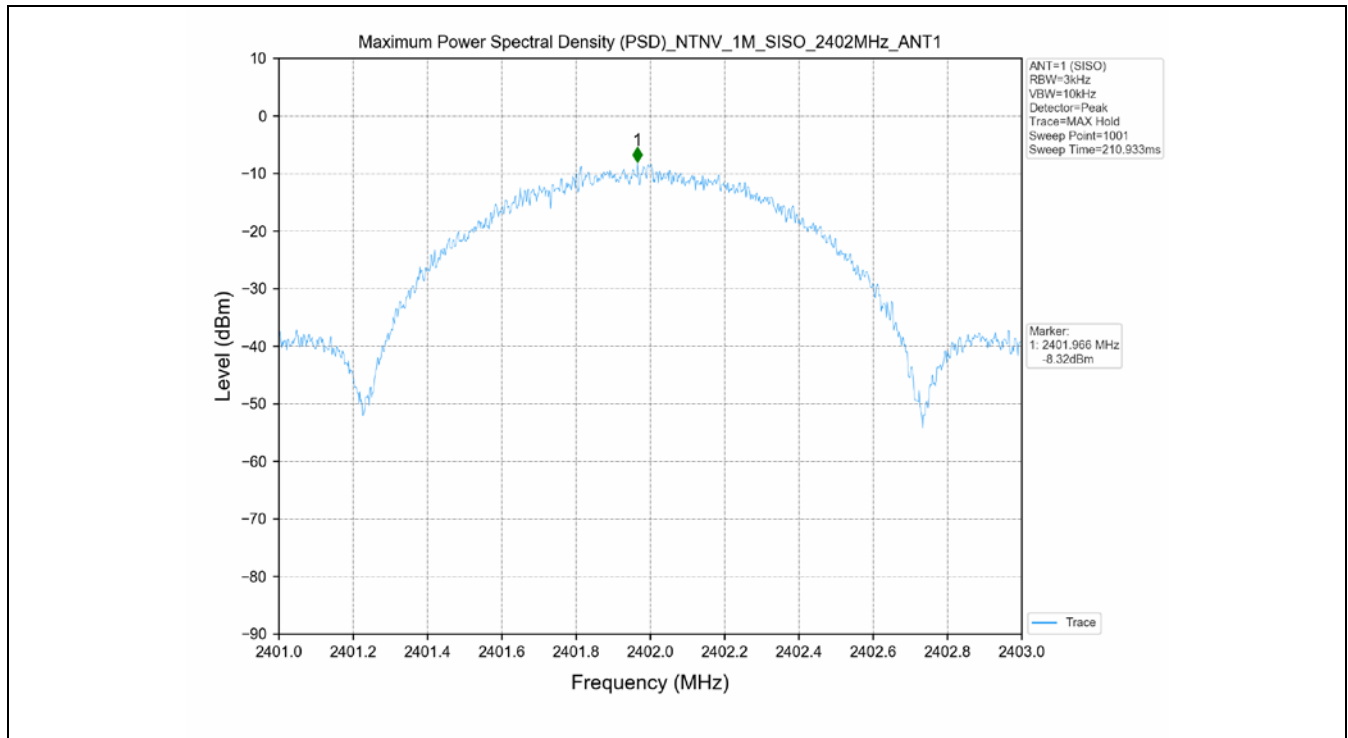
4. Maximum Power Spectral Density (PSD)

4.1 Test Result

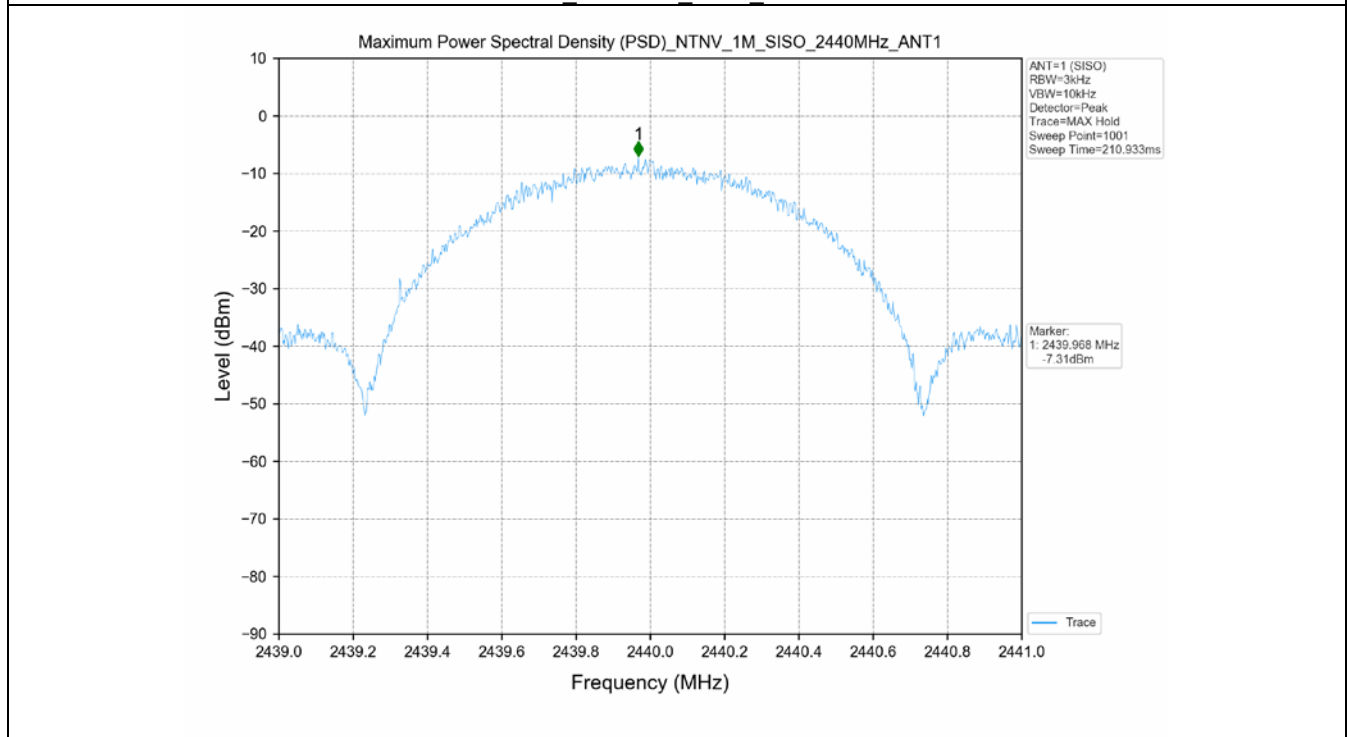
Test Mode	Frequency (MHz)	Tx Type	Maximum Power Spectral Density (dBm/3KHz)	Limits (dBm/3kHz)	Verdict
			Ant 1		
1M	2402	SISO	-8.32	≤8	PASS
	2440	SISO	-7.31	≤8	PASS
	2480	SISO	-8.39	≤8	PASS

4.2 Test Graph

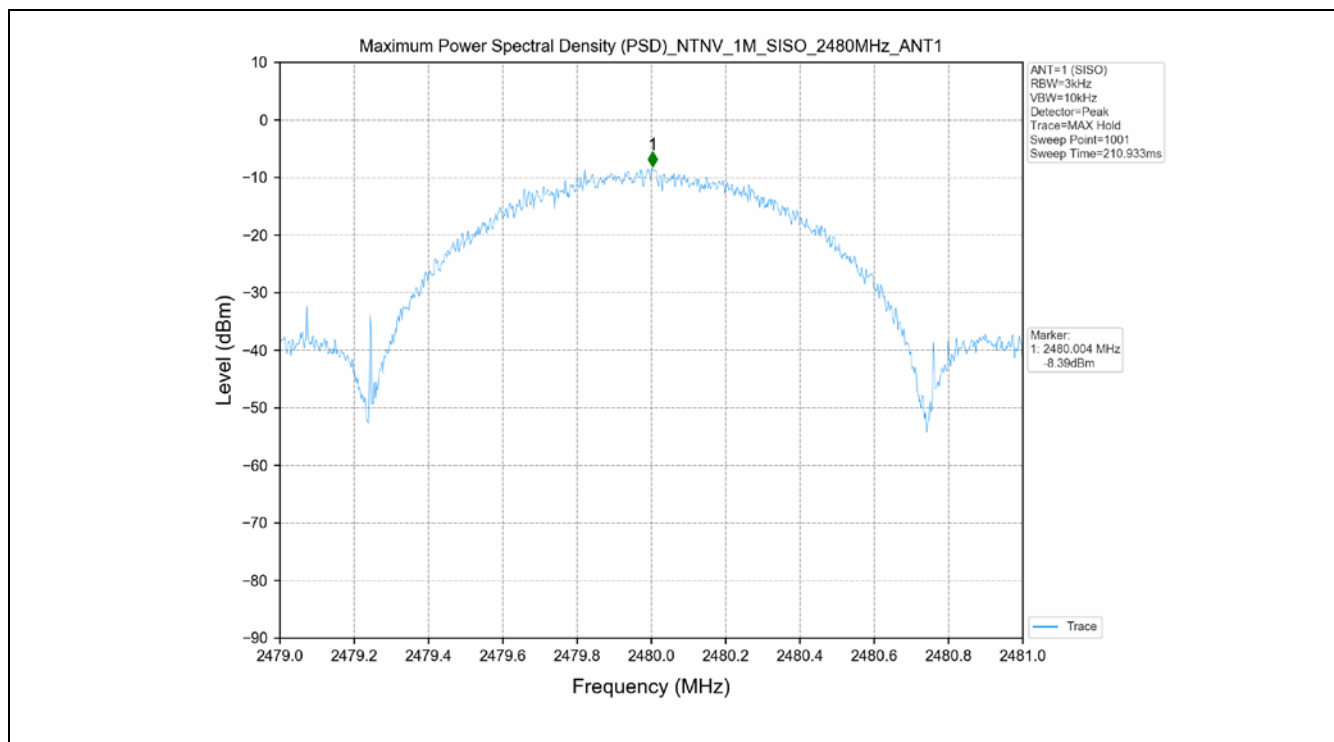
1M_2402MHz_SISO_ANT1



1M_2440MHz_SISO_ANT1



1M_2480MHz_SISO_ANT1



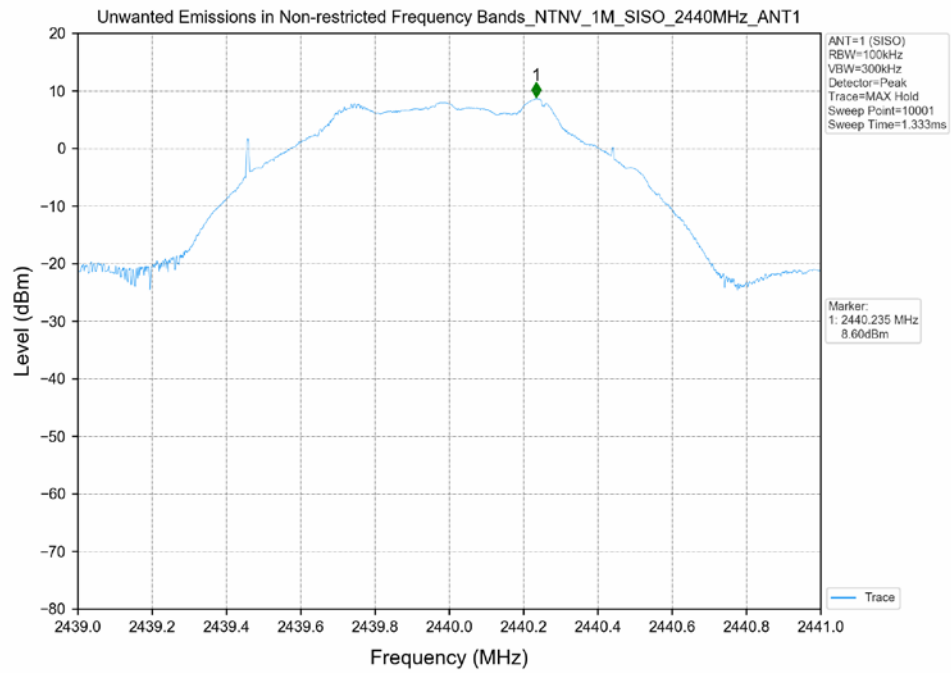
5. Unwanted Emissions in Non-restricted Frequency Bands

5.1 Test Result

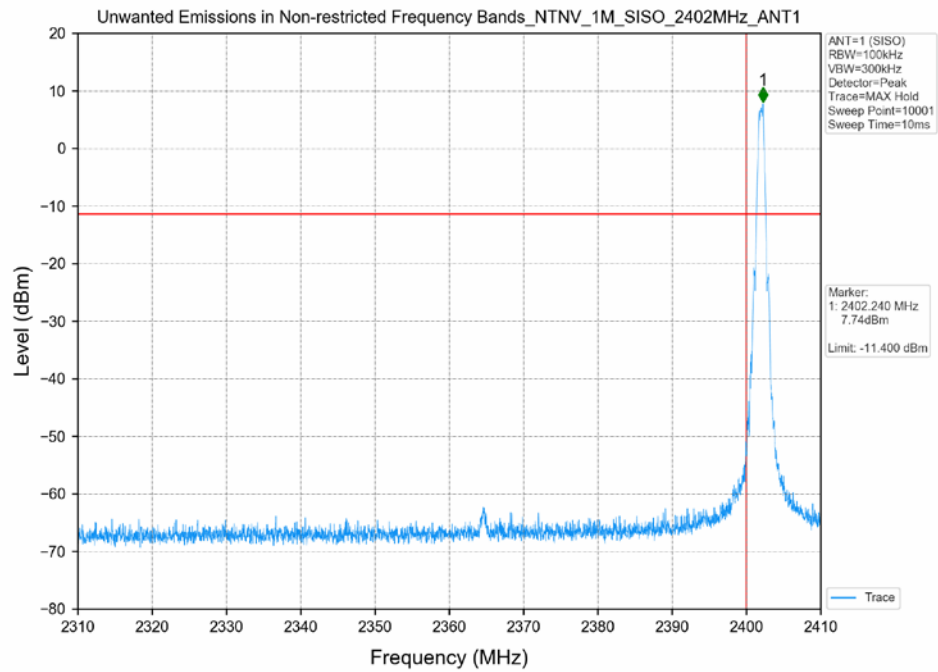
Test Mode	Frequency (MHz)	TX Type	ANT No.	Spurious Conducted Emission (dBm)	Limits (dBc)	Verdict
1M	2402	SISO	1	Refer to test graph	-20	PASS
	2440	SISO	1	Refer to test graph	-20	PASS
	2480	SISO	1	Refer to test graph	-20	PASS

5.2 Test Graph

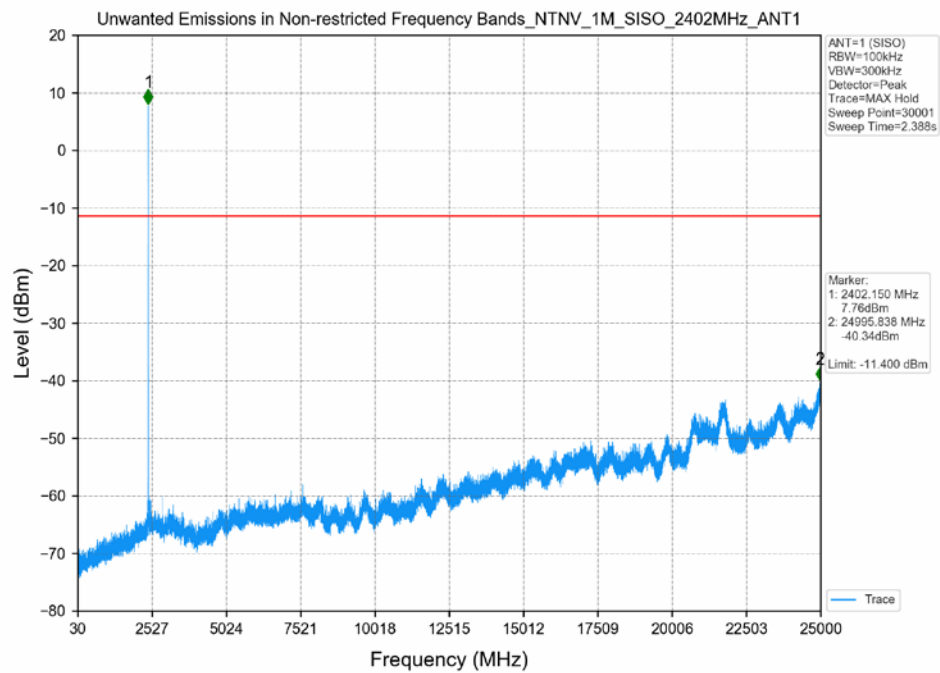
1M_SISO_ANT1_REF



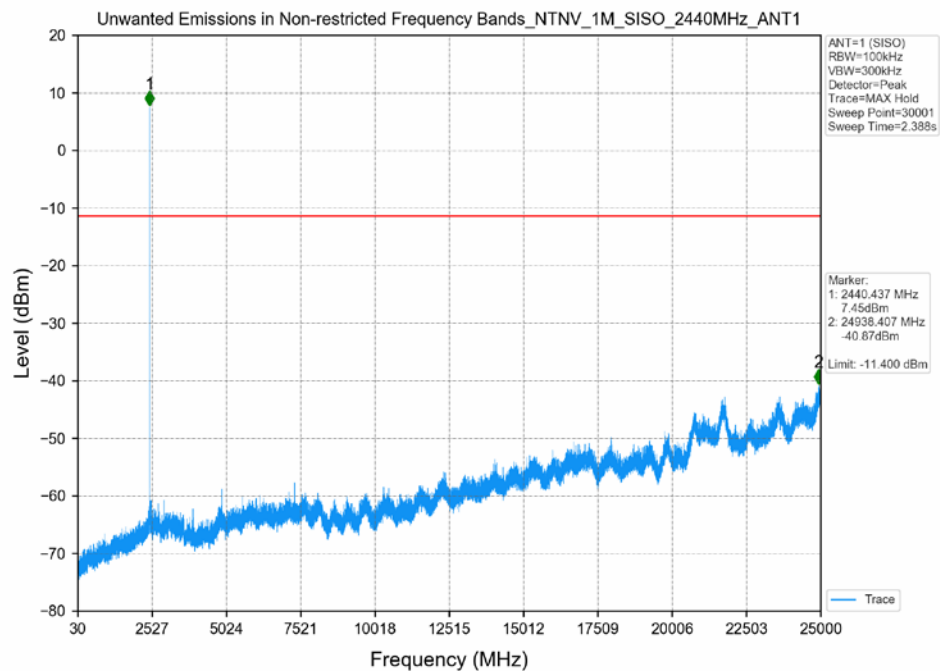
1M_2402MHz_SISO_ANT1



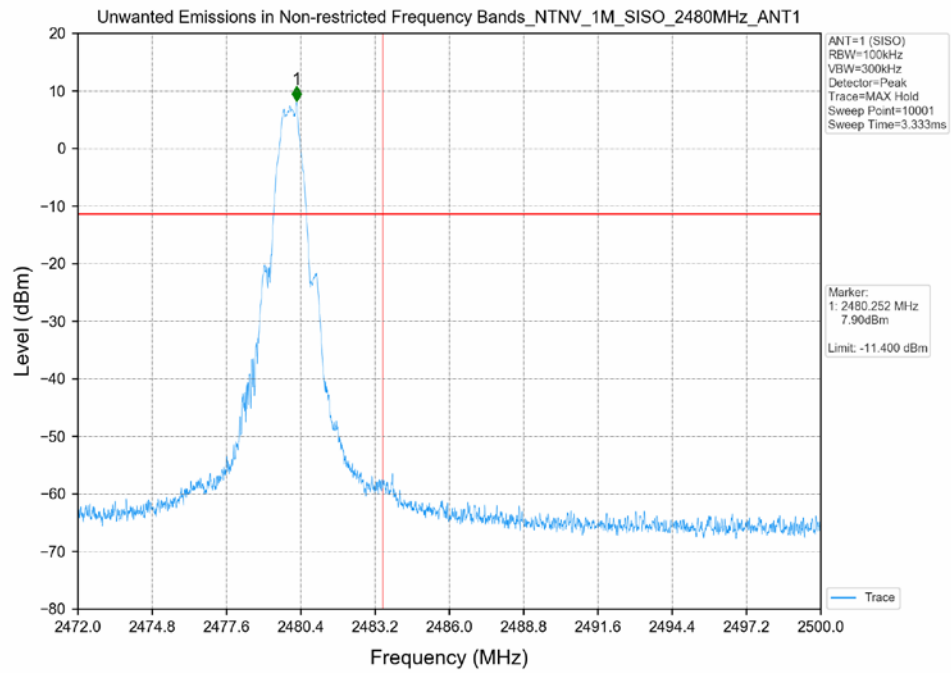
1M_2402MHz_SISO_ANT1



1M_2440MHz_SISO_ANT1



1M_2480MHz_SISO_ANT1



1M_2480MHz_SISO_ANT1

