

Annex for BLE FCC Part 15.247

Test Report No.:CTL2004294031-WF

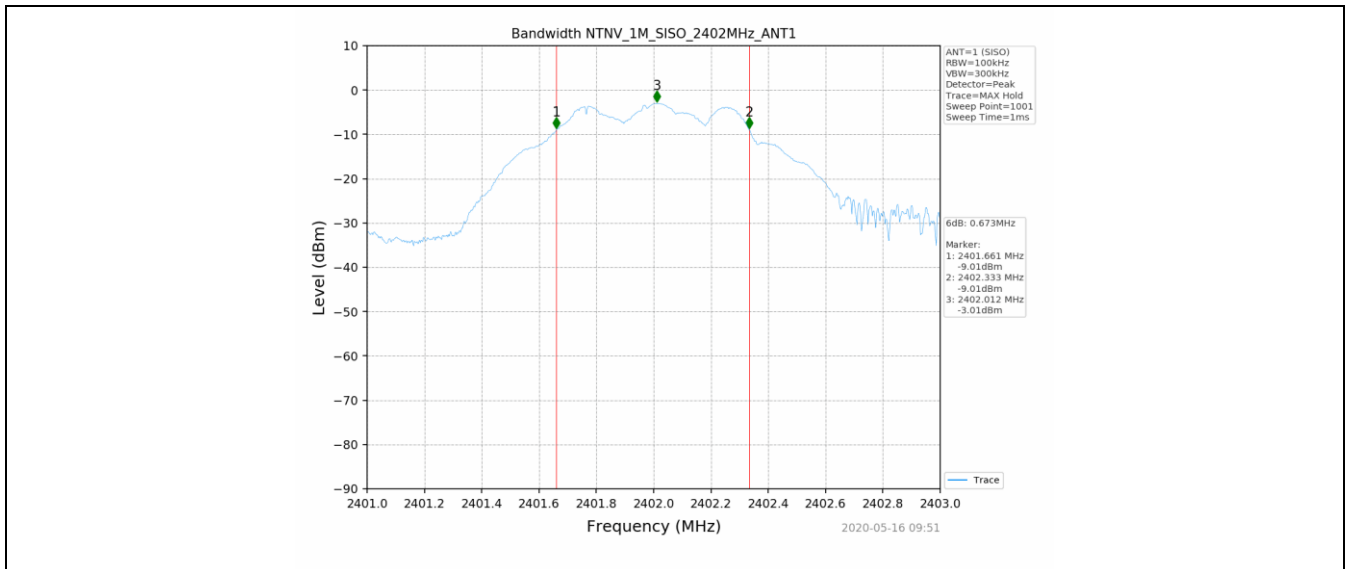
1. Bandwidth

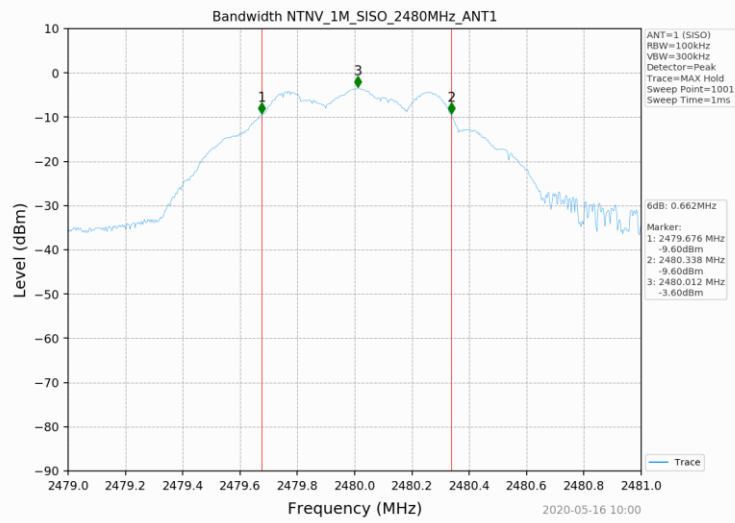
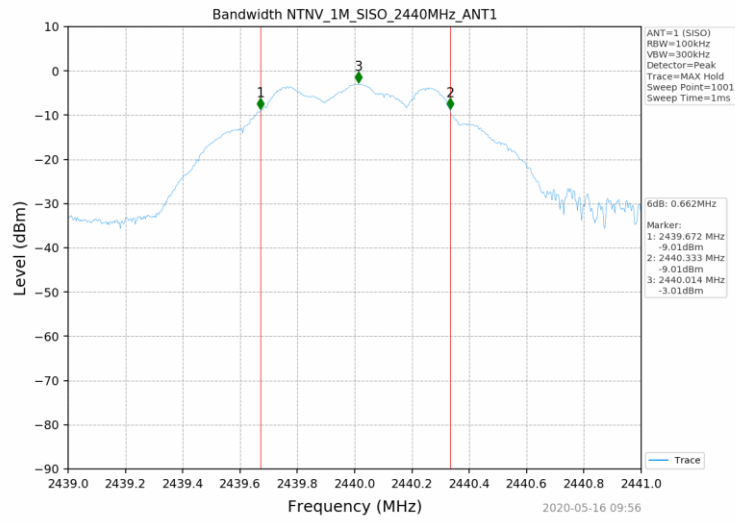
1.1 Test Result

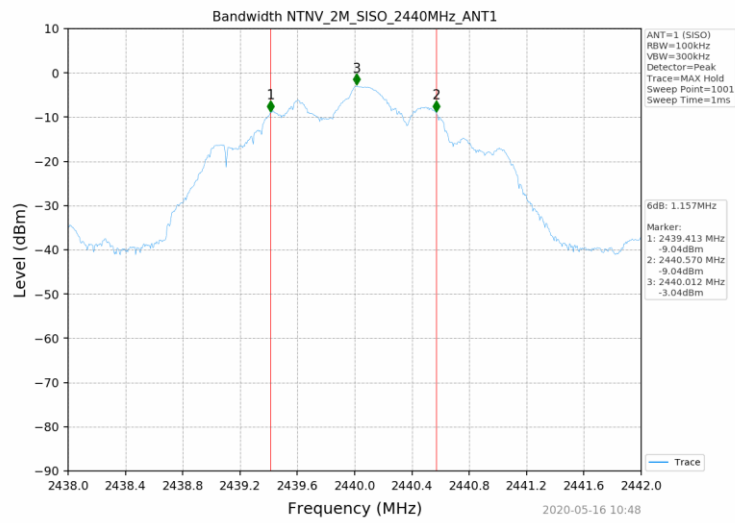
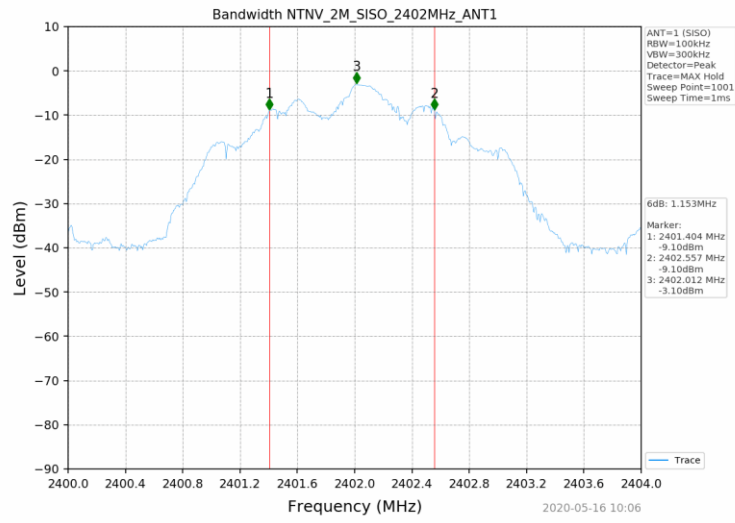
Test Mode	Frequency (MHz)	TX Type	ANT No.	6dB Bandwidth		Verdict
				Test Result (MHz)	Limits (MHz)	
1M	2402	SISO	1	0.673	≥0.5	PASS
	2440	SISO	1	0.662	≥0.5	PASS
	2480	SISO	1	0.662	≥0.5	PASS
2M	2402	SISO	1	1.153	≥0.5	PASS
	2440	SISO	1	1.157	≥0.5	PASS
	2480	SISO	1	1.197	≥0.5	PASS

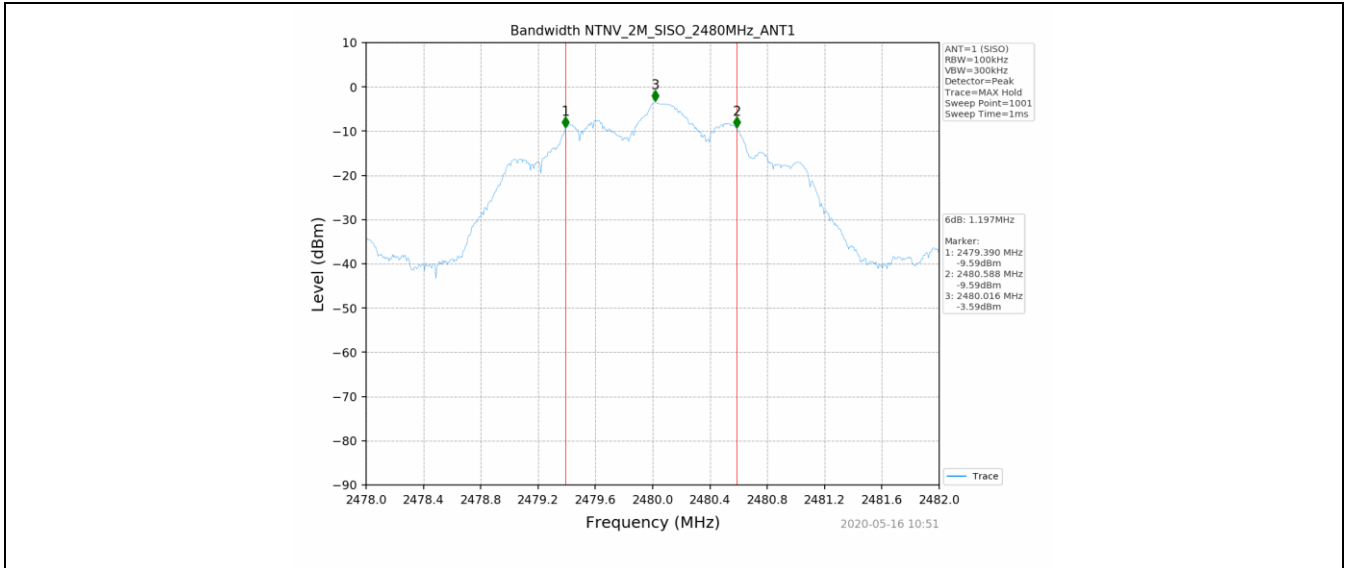
Test Mode	Frequency (MHz)	TX Type	ANT No.	99% Occupied Bandwidth	
				Test Result (MHz)	Verdict
1M	2402	SISO	1	1.022	Only for Report Use
	2440	SISO	1	1.017	Only for Report Use
	2480	SISO	1	1.009	Only for Report Use
2M	2402	SISO	1	1.989	Only for Report Use
	2440	SISO	1	1.991	Only for Report Use
	2480	SISO	1	2.005	Only for Report Use

1.2 Test Graph - 6dB Bandwidth

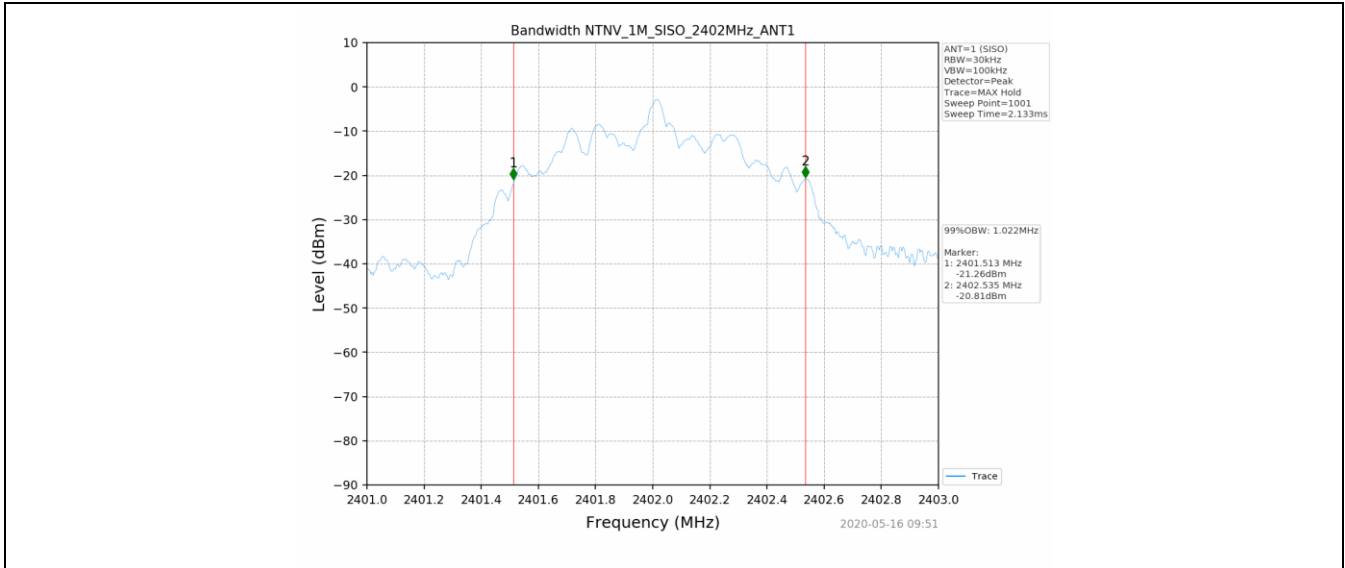


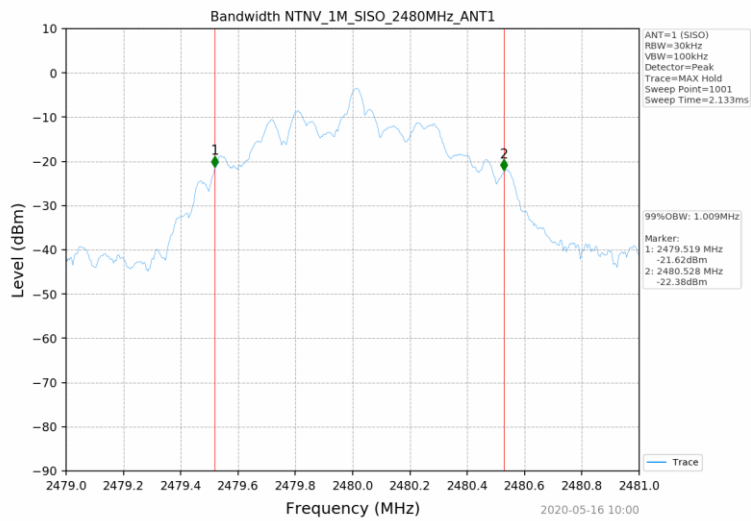
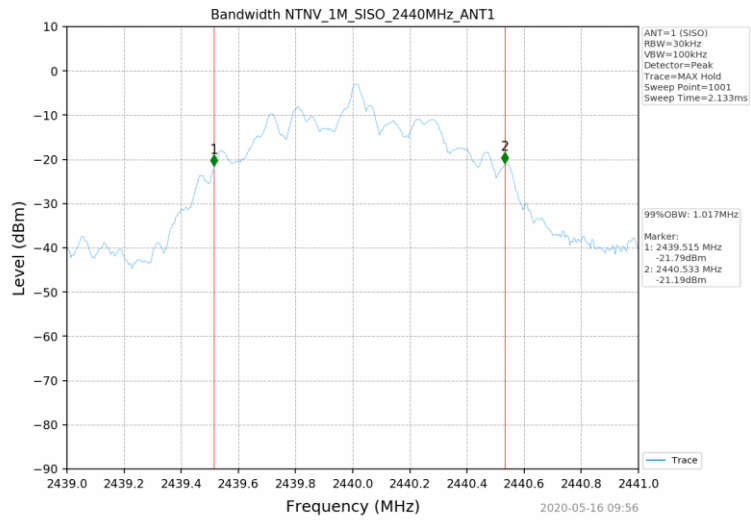


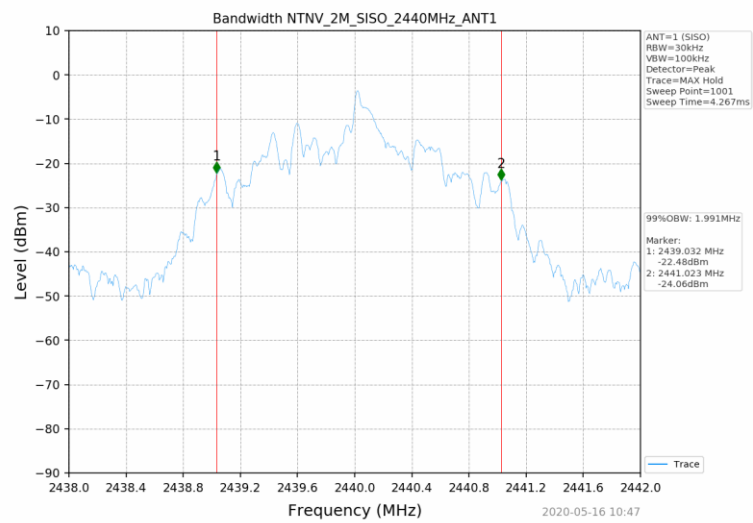
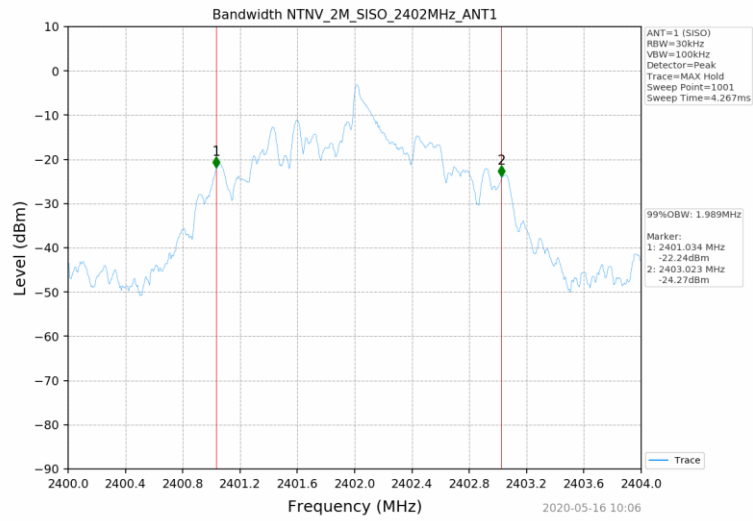


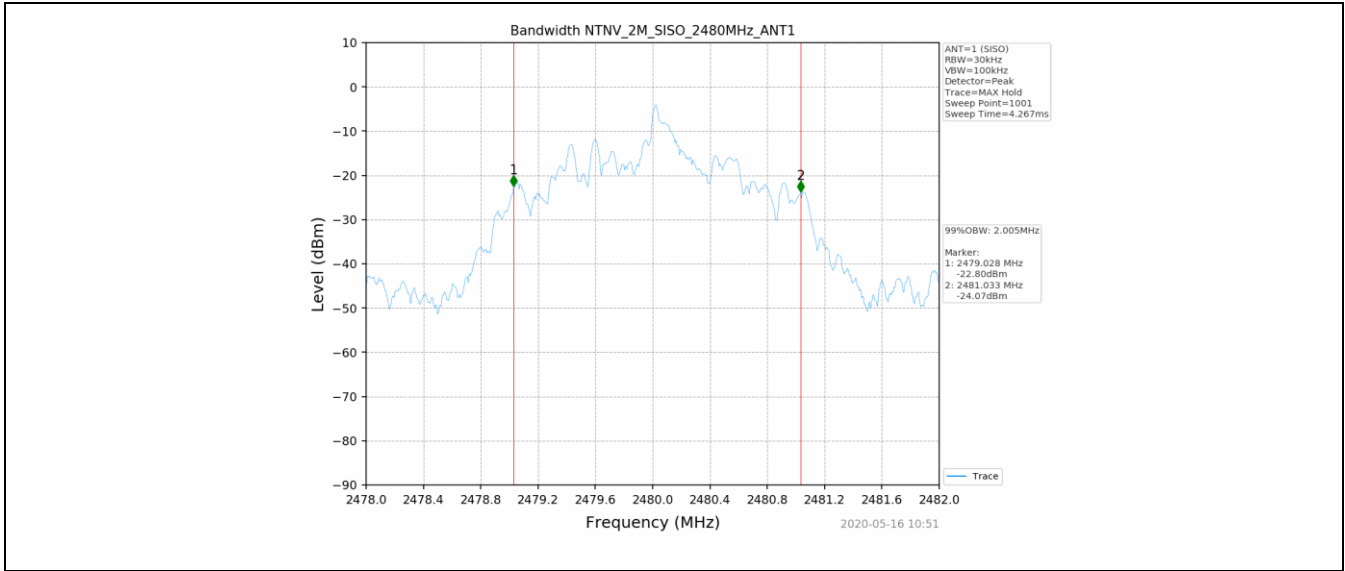


1.3 Test Graph - 99% Occupied Bandwidth







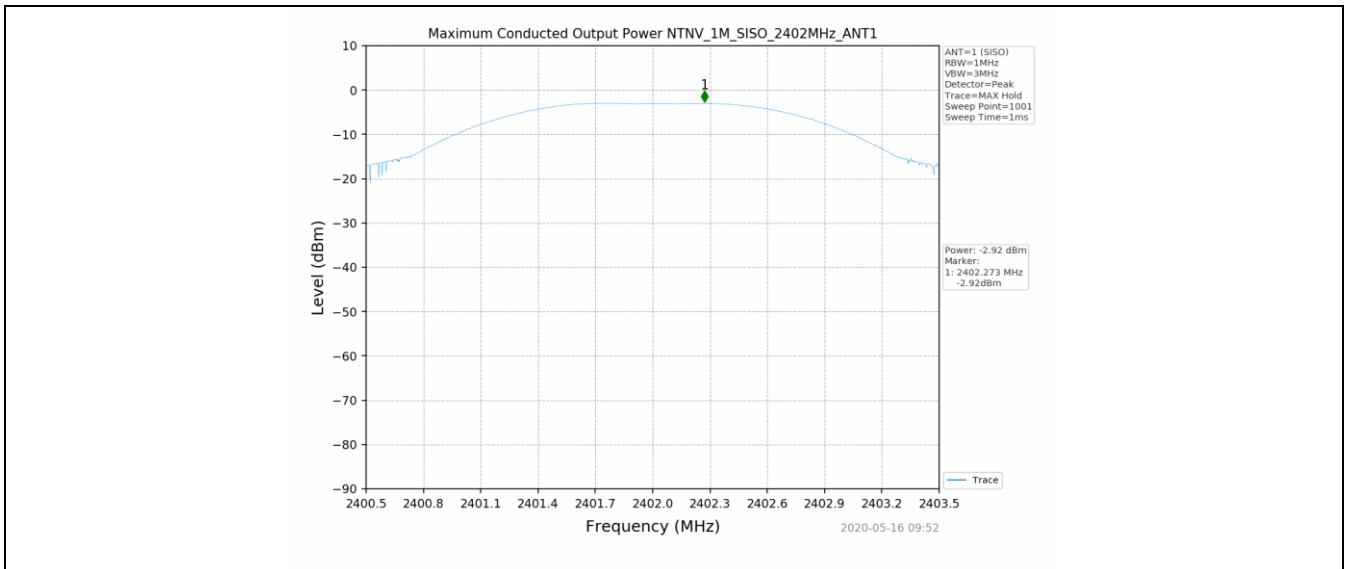


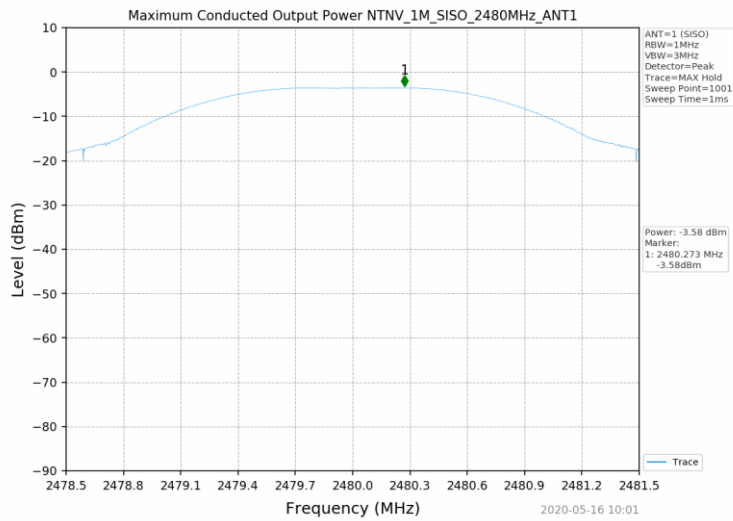
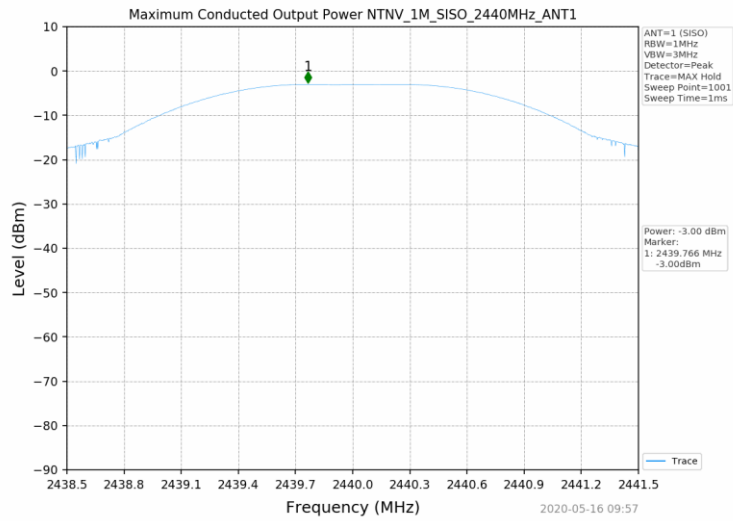
2. Maximum Conducted Output Power

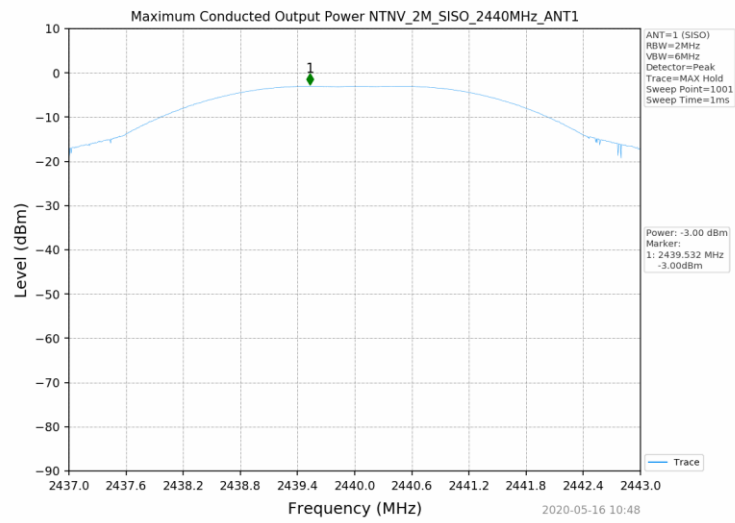
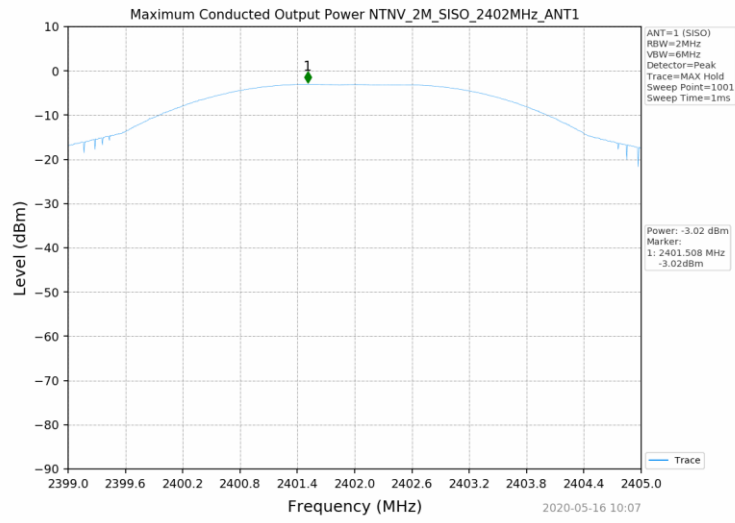
2.1 Test Result

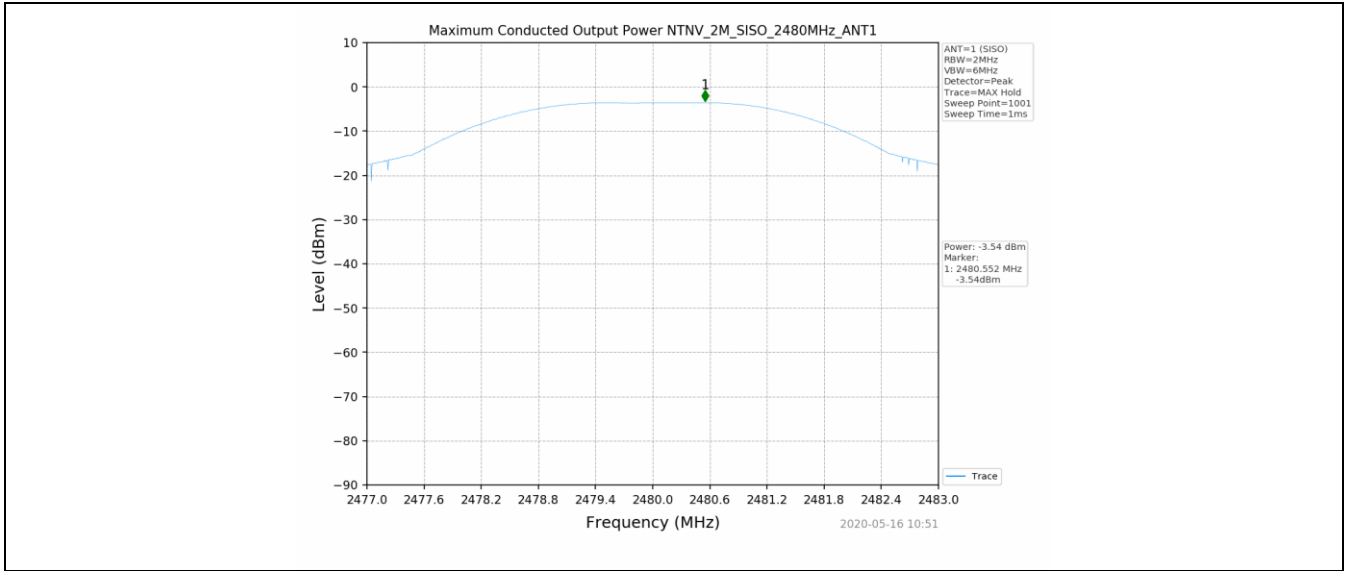
Test Mode	Frequency (MHz)	Tx Type	Measured Peak Output Power (dBm)	Limits (dBm)	Verdict
			Ant 1		
1M	2402	SISO	-2.92	30	PASS
	2440	SISO	-3.00	30	PASS
	2480	SISO	-3.58	30	PASS
2M	2402	SISO	-3.02	30	PASS
	2440	SISO	-3.00	30	PASS
	2480	SISO	-3.54	30	PASS

2.2 Test Graph







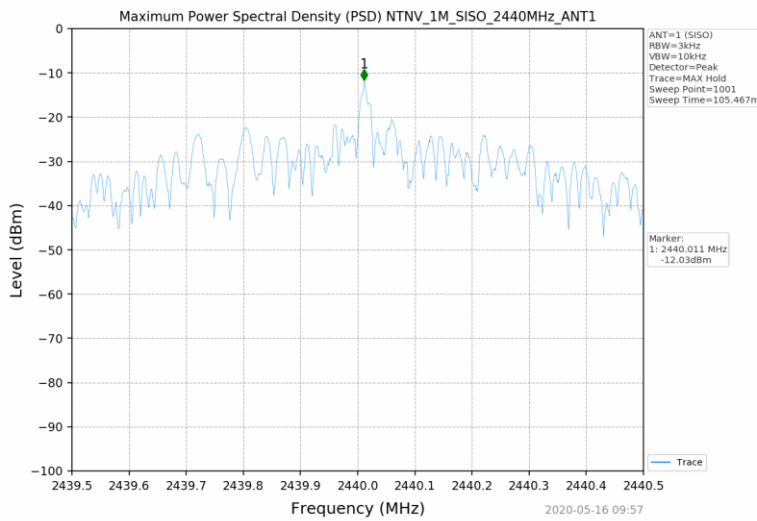
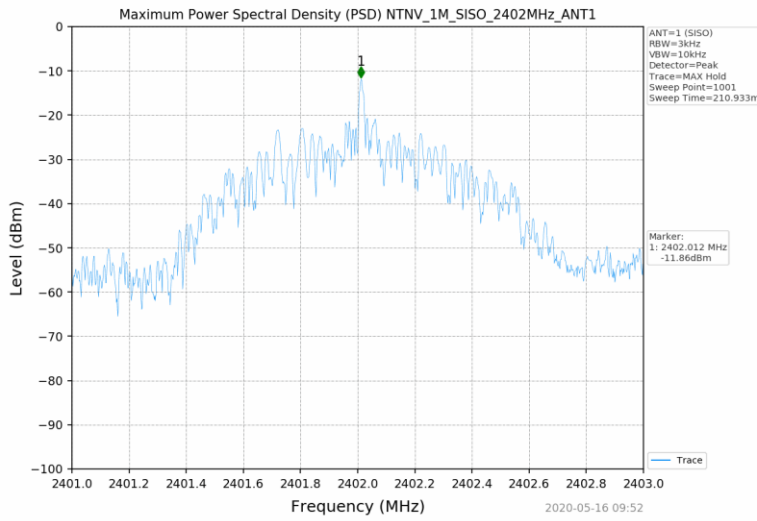


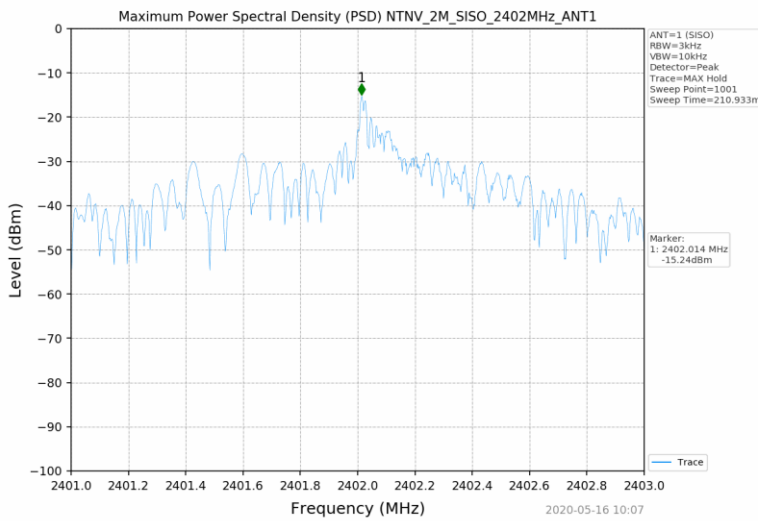
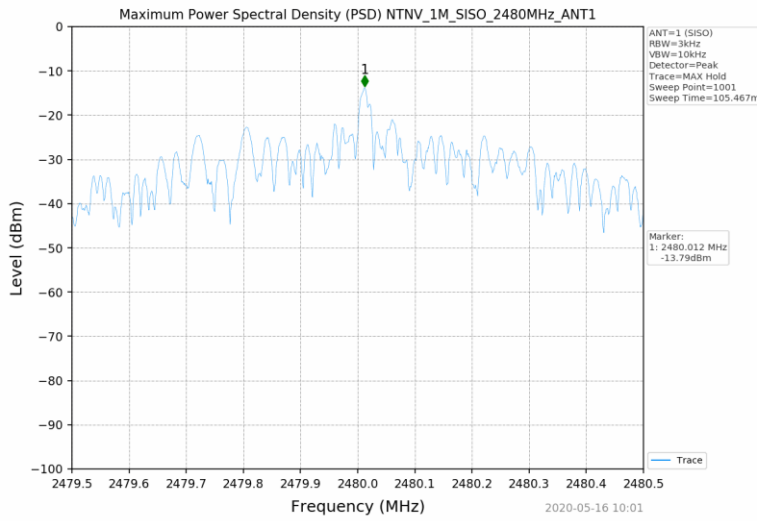
3. Maximum Power Spectral Density (PSD)

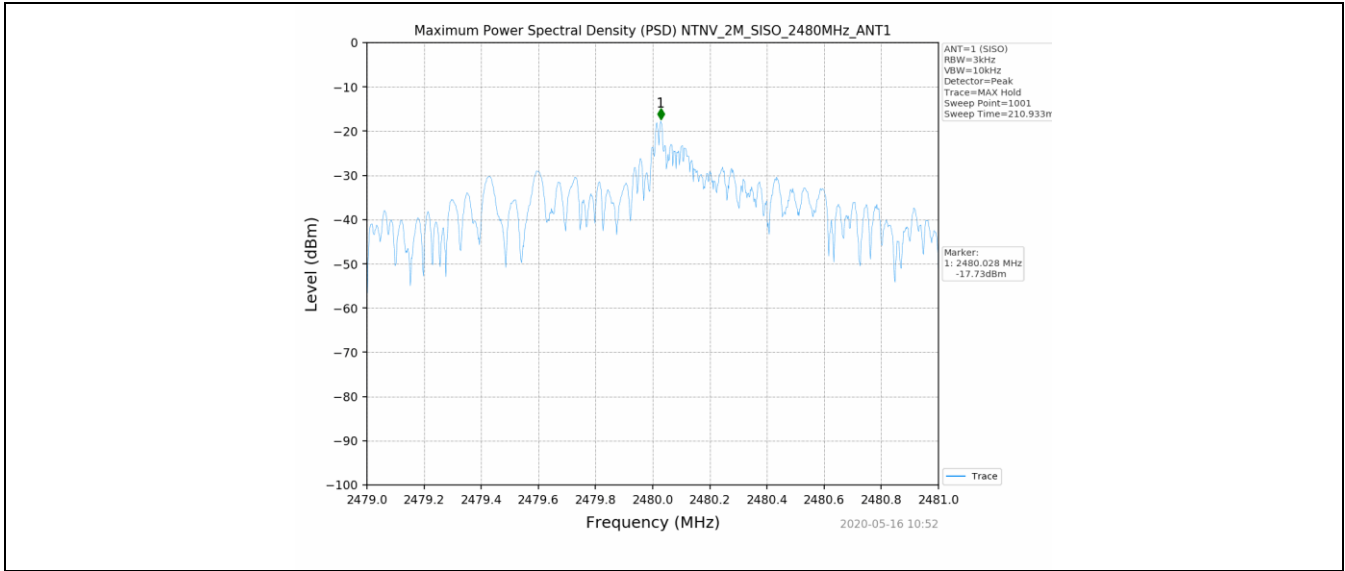
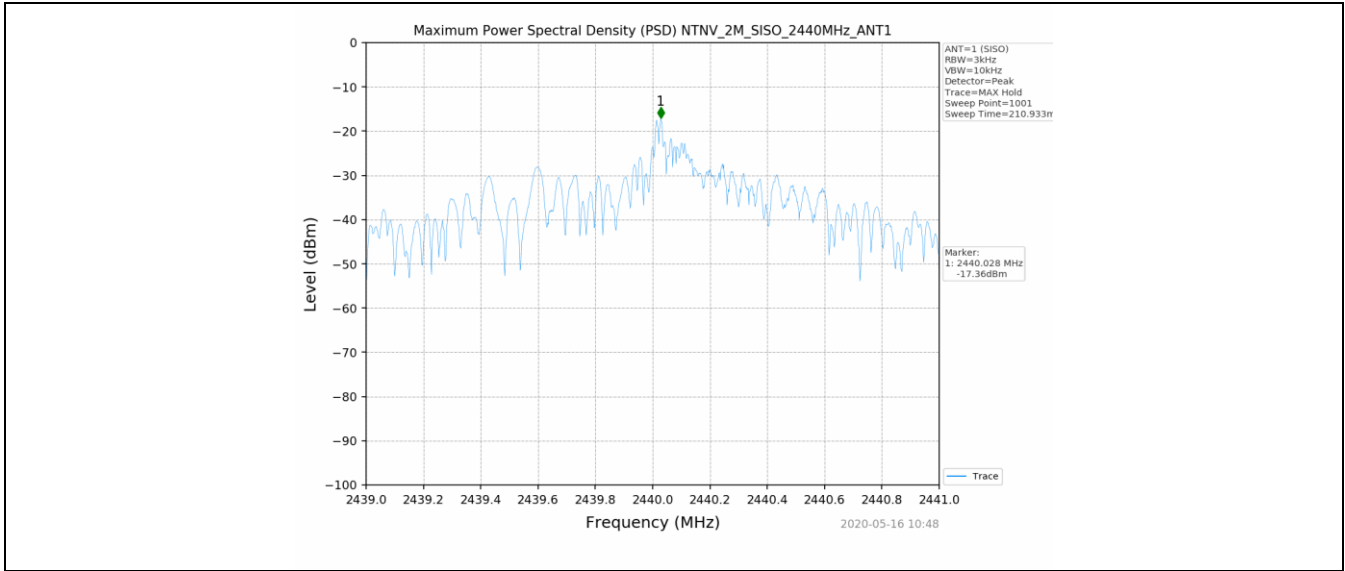
3.1 Test Result

Test Mode	Frequency (MHz)	Tx Type	Maximum Power Spectral Density (dBm/3KHz)	Limits (dBm/3kHz)	Verdict
			Ant 1		
1M	2402	SISO	-11.86	≤8	PASS
	2440	SISO	-12.03	≤8	PASS
	2480	SISO	-13.79	≤8	PASS
2M	2402	SISO	-15.24	≤8	PASS
	2440	SISO	-17.36	≤8	PASS
	2480	SISO	-17.73	≤8	PASS

3.2 Test Graph







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	-23.01	PASS
	2440	SISO	1	Refer to test graph	-23.01	PASS
	2480	SISO	1	Refer to test graph	-23.01	PASS
2M	2402	SISO	1	Refer to test graph	-22.96	PASS
	2440	SISO	1	Refer to test graph	-22.96	PASS
	2480	SISO	1	Refer to test graph	-22.96	PASS

4.2 Test Graph

