

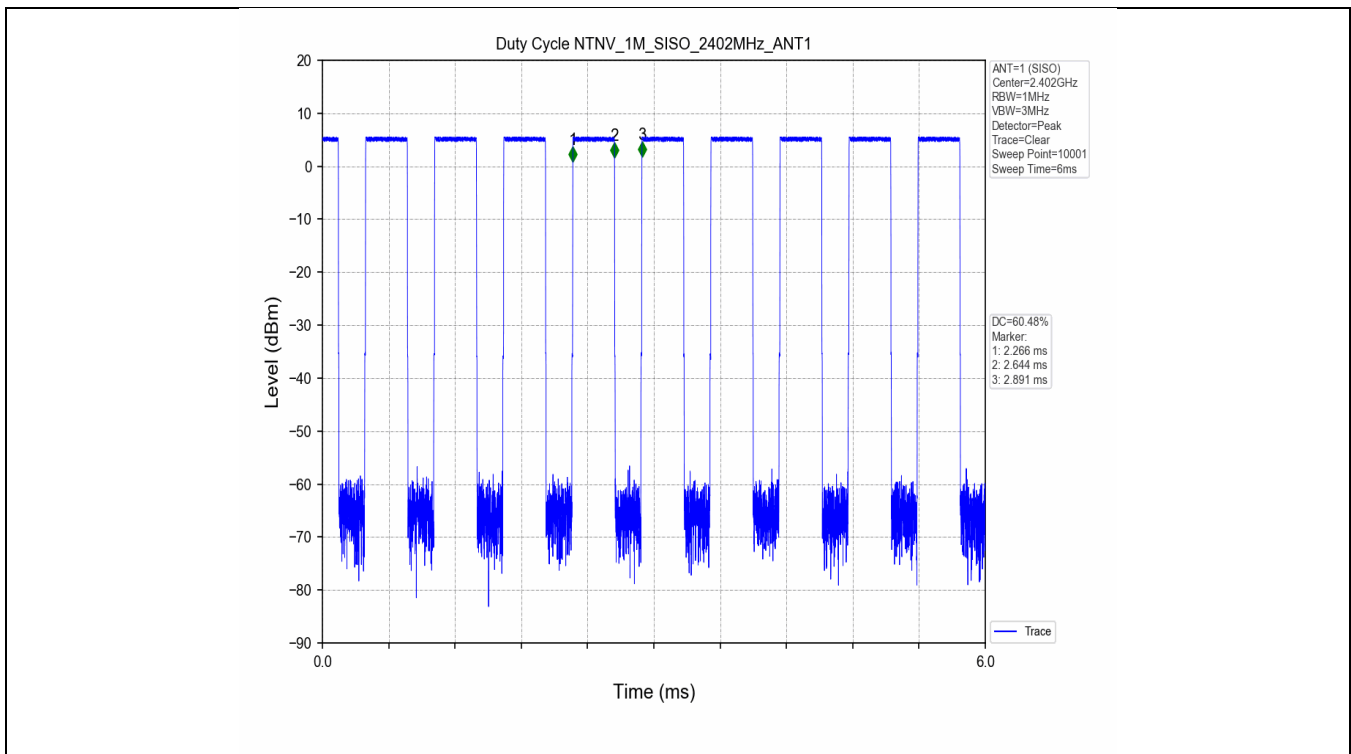
Appendix D for SHEM210300243502CR-BLE-R

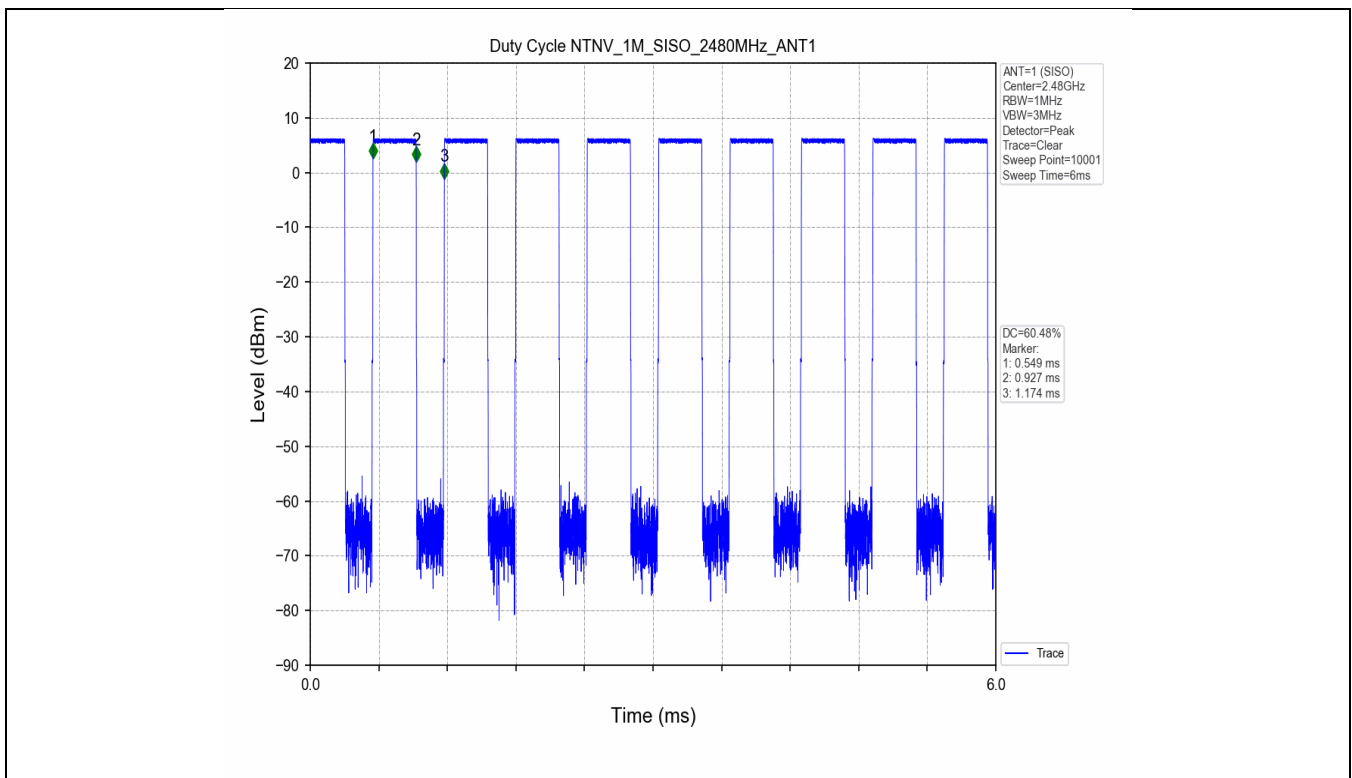
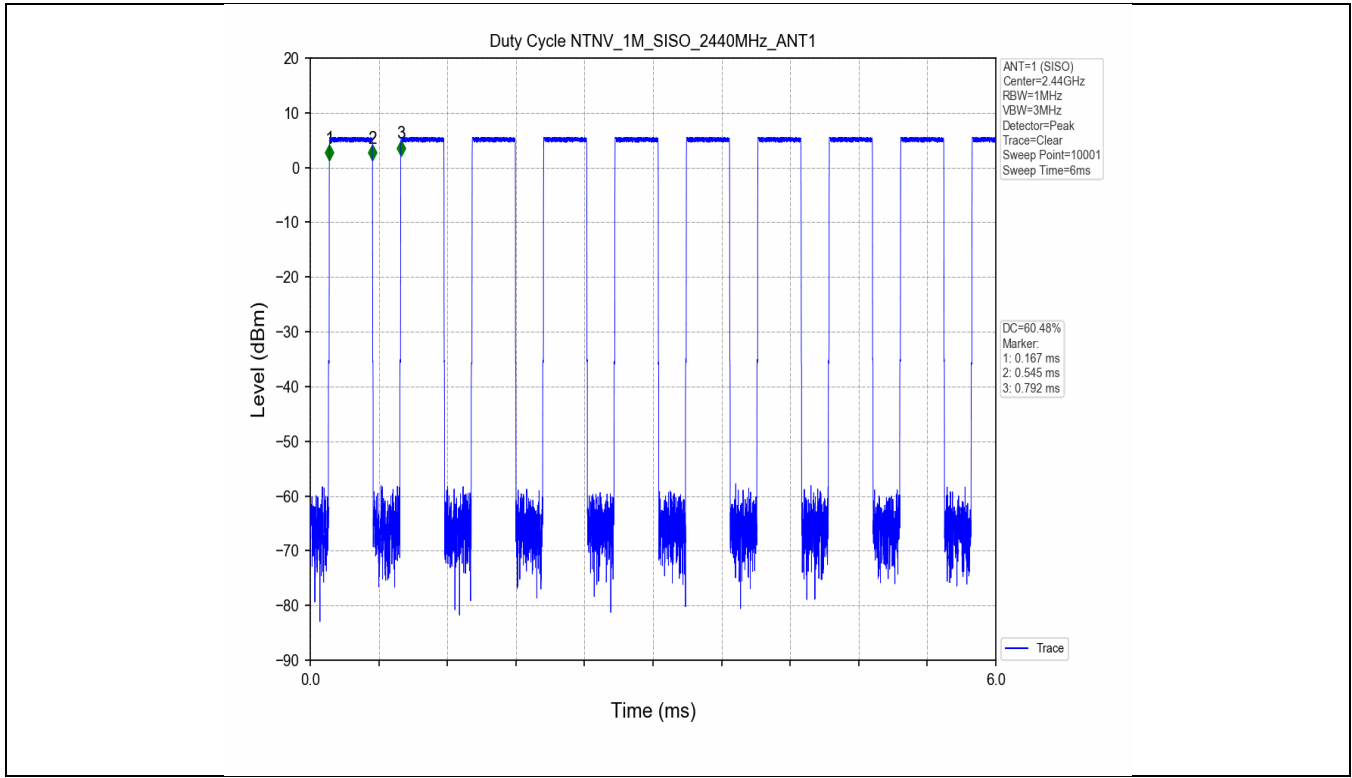
1. Duty Cycle

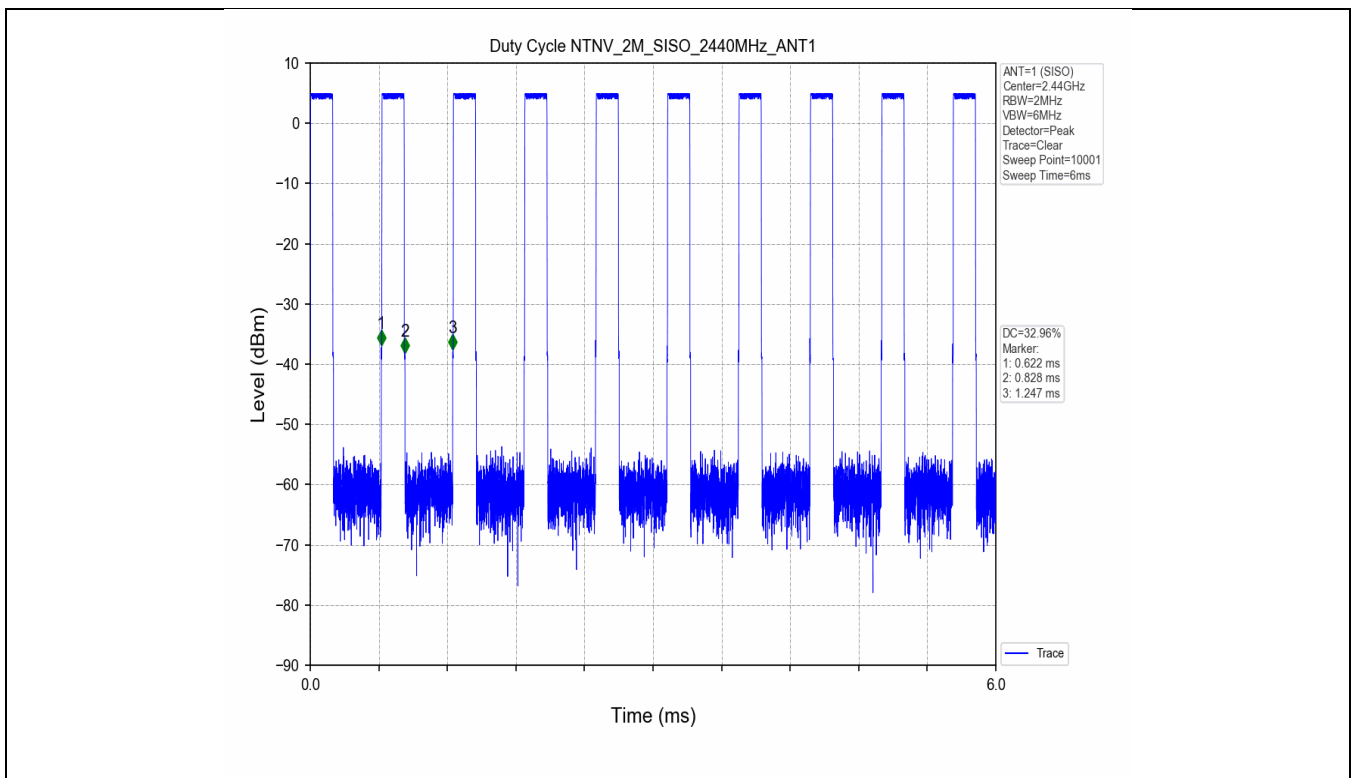
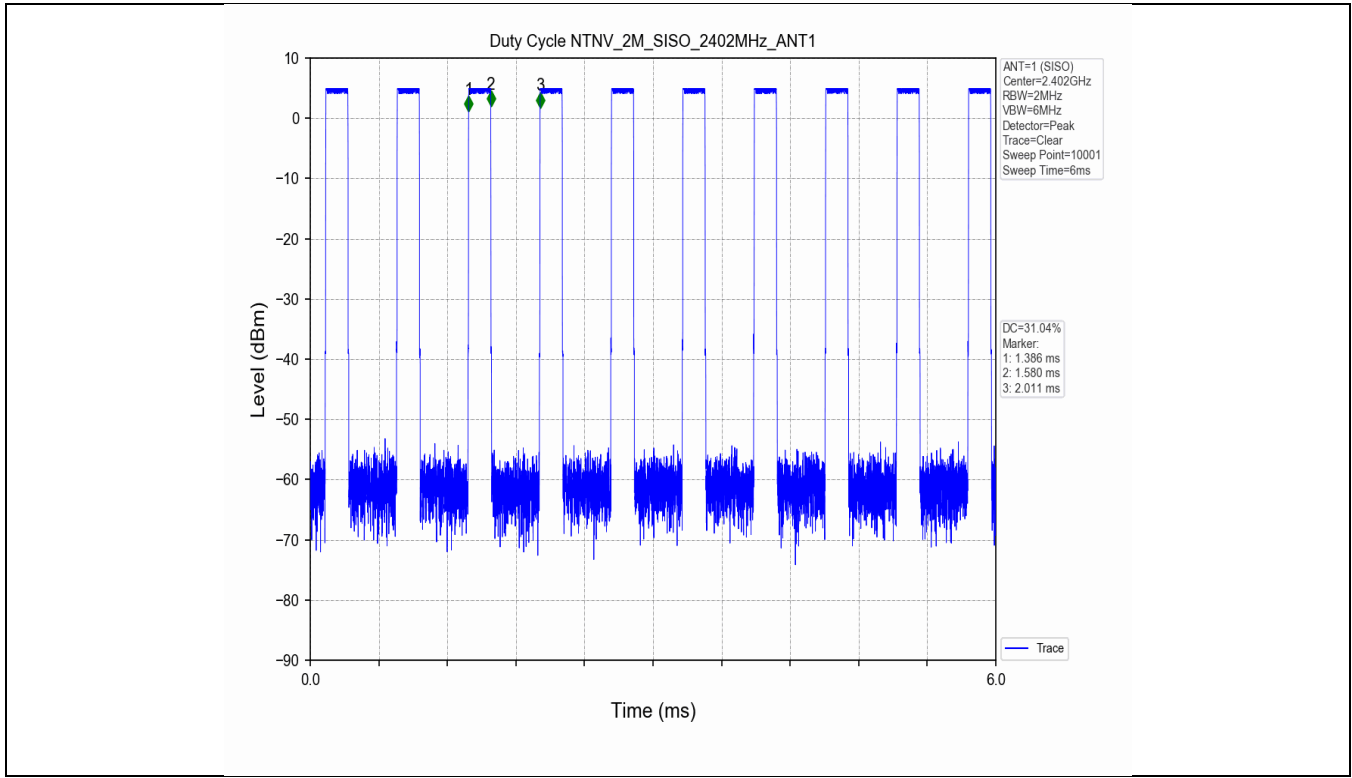
1.1 Test Result

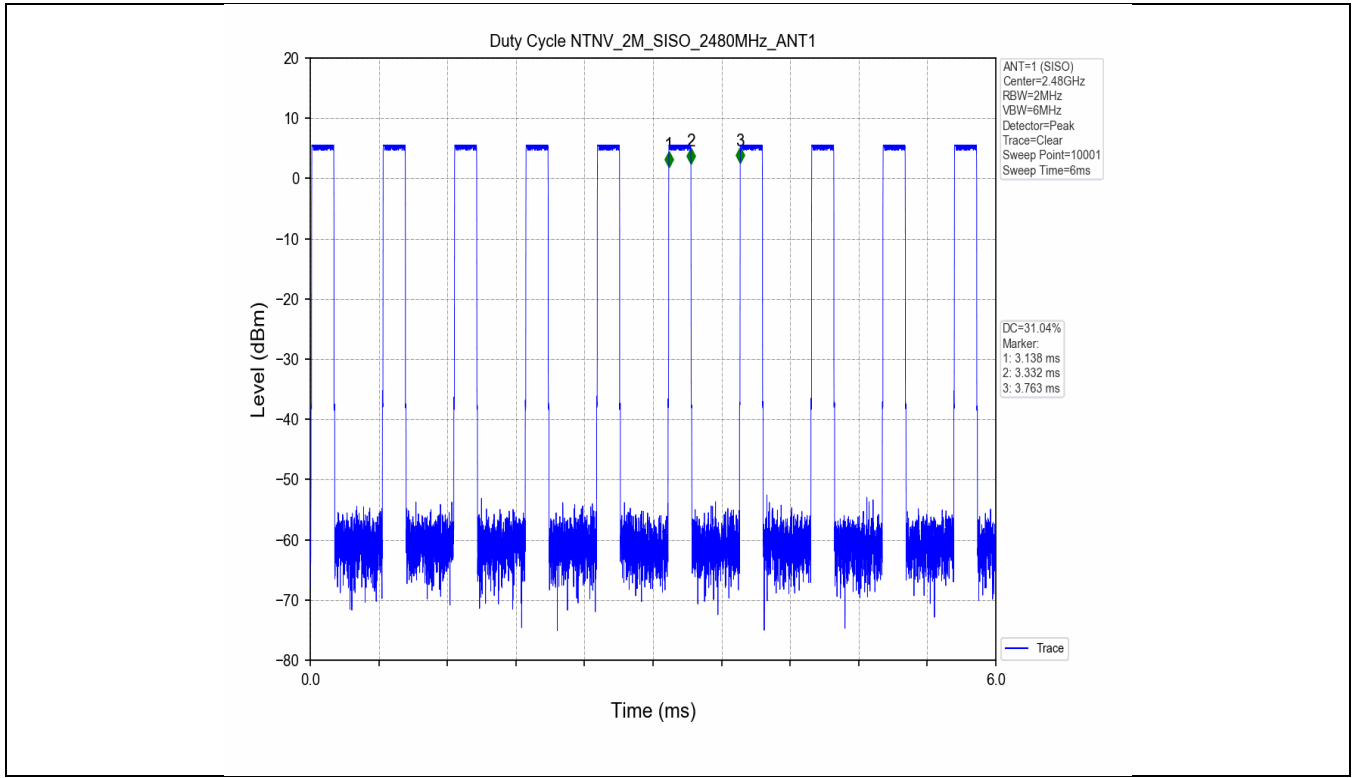
Test Mode	Channel Frequency(MHz)	TX Type	ANT No.	T_on (ms)	Period (ms)	Duty Cycle (%)	Duty Cycle Correction Factor (dB)
1M	2402	SISO	1	0.378	0.625	60.48	2.18
	2440	SISO	1	0.378	0.625	60.48	2.18
	2480	SISO	1	0.378	0.625	60.48	2.18
2M	2402	SISO	1	0.194	0.625	31.04	5.08
	2440	SISO	1	0.206	0.625	32.96	4.82
	2480	SISO	1	0.194	0.625	31.04	5.08

1.2 Test Graph









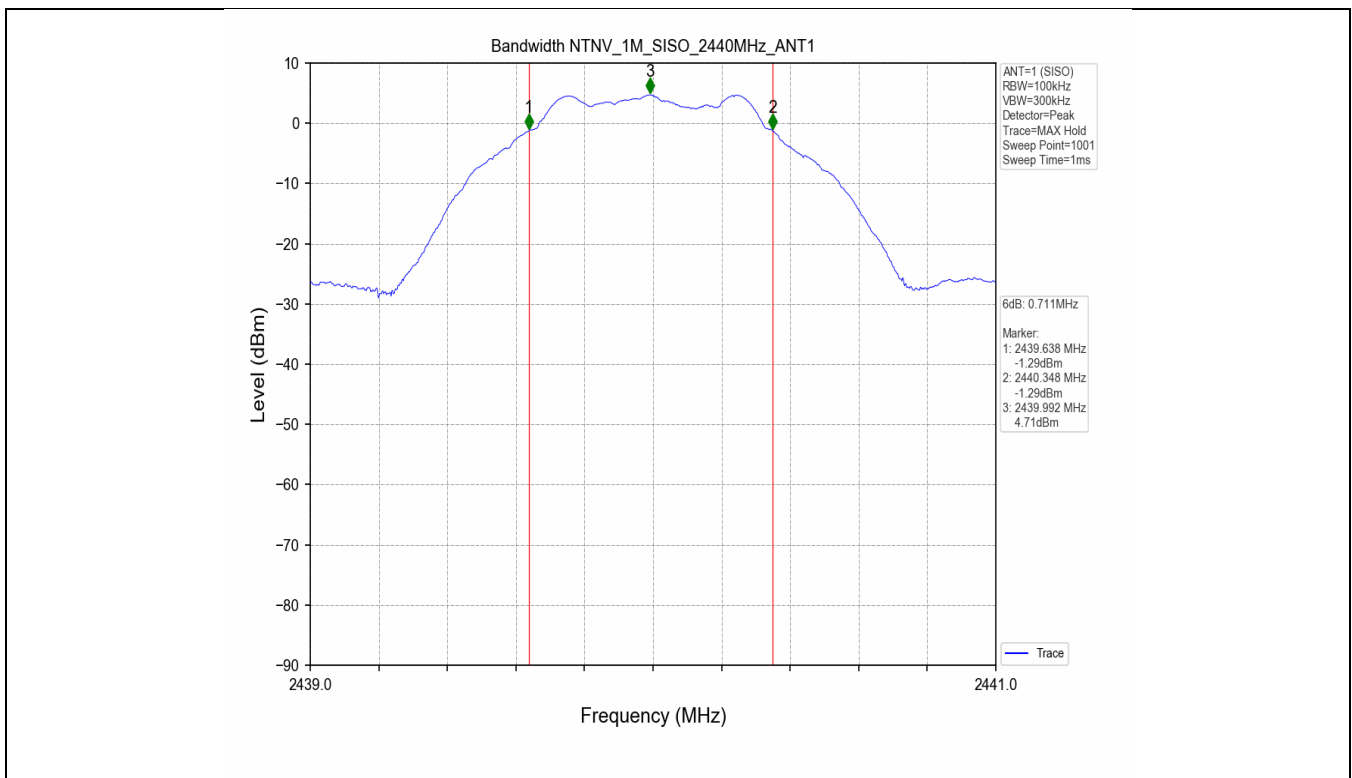
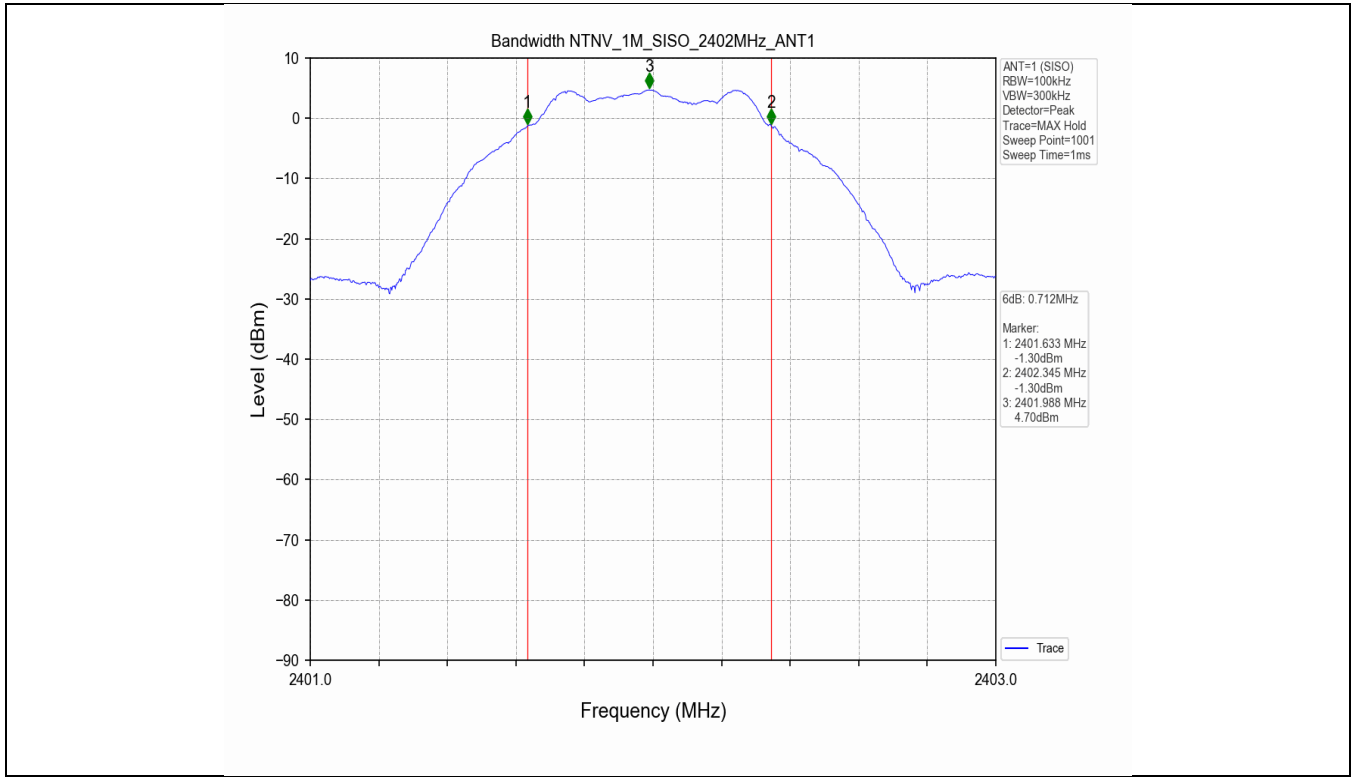
2. Bandwidth

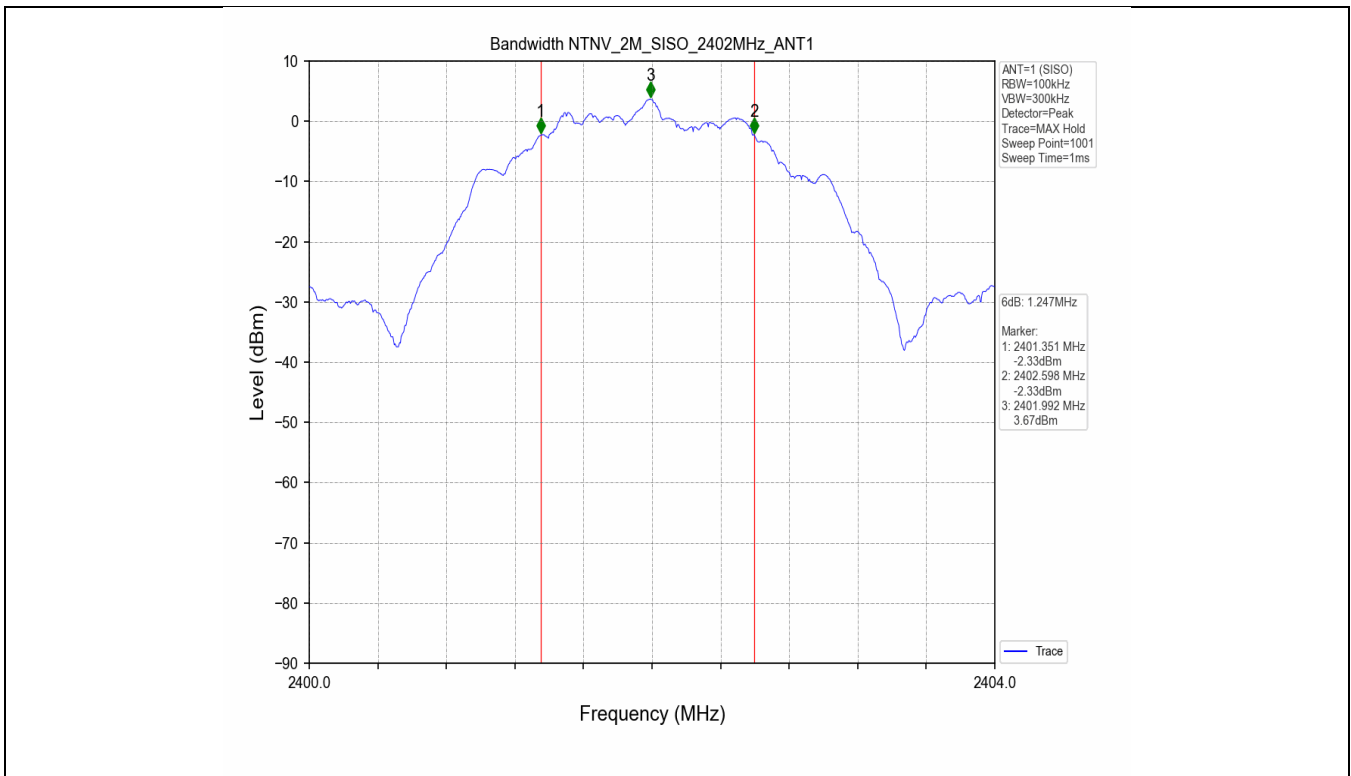
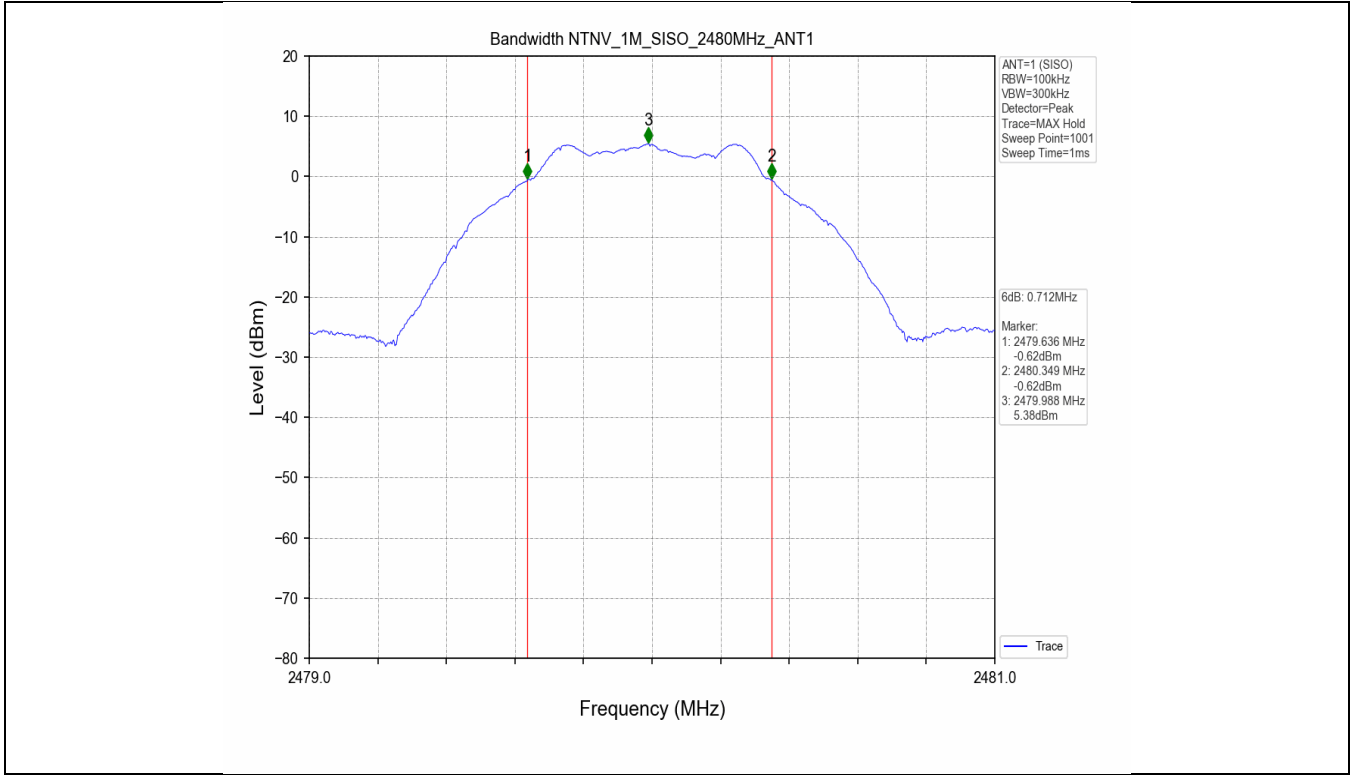
2.1 Test Result

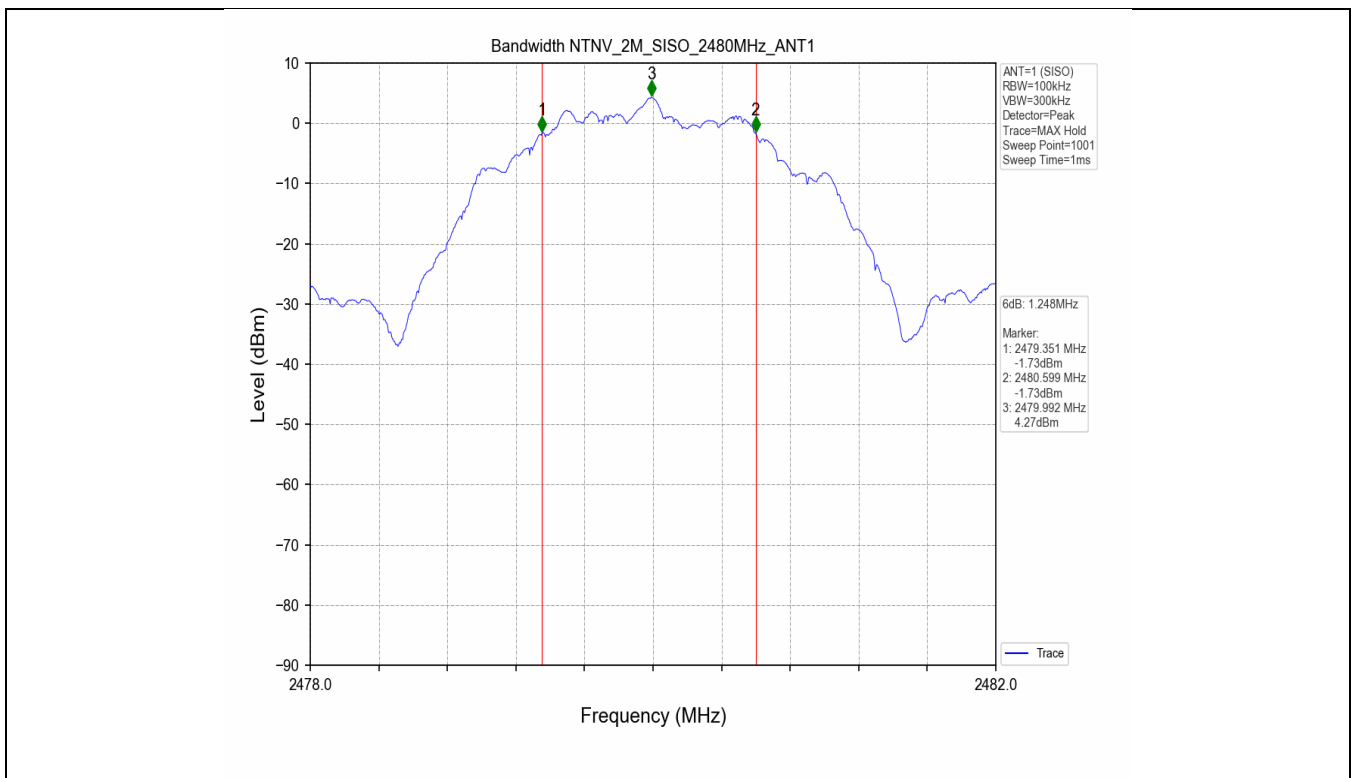
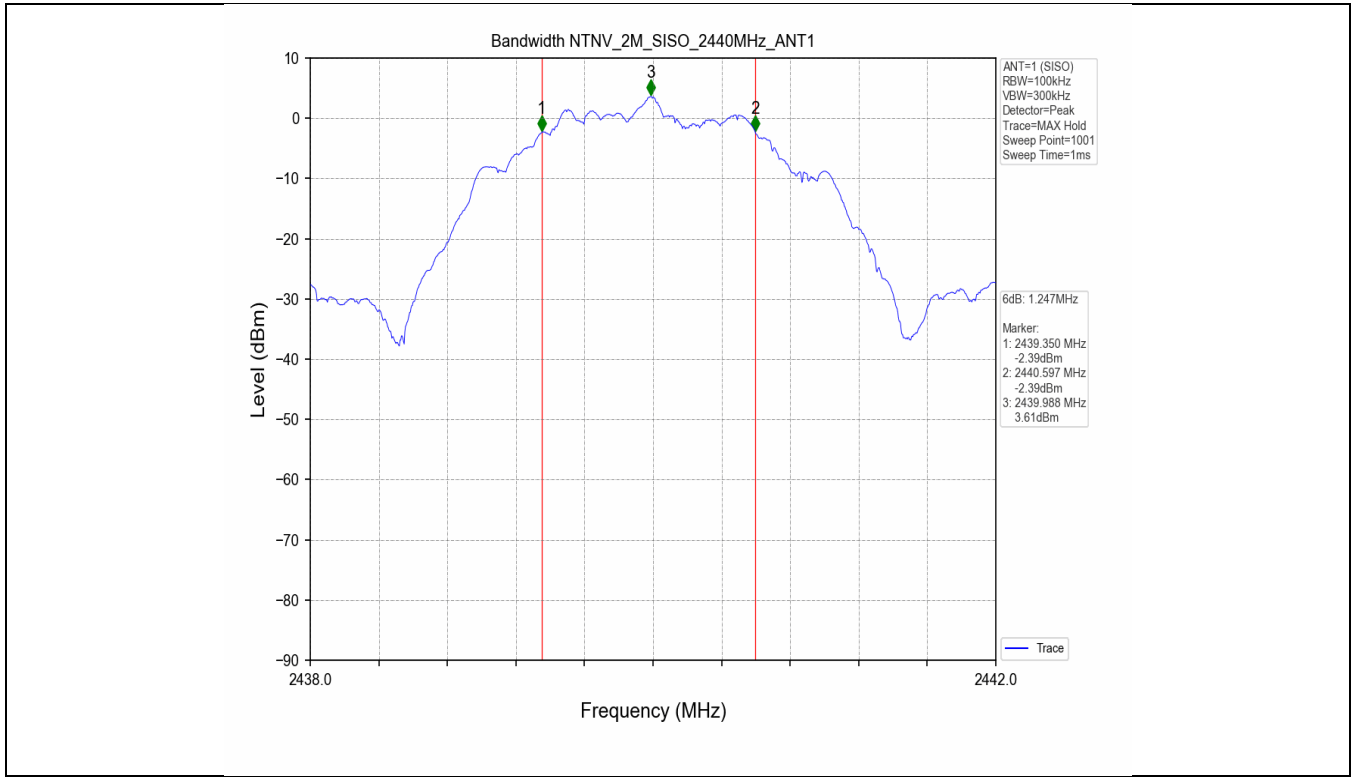
Test Mode	Frequency (MHz)	TX Type	ANT No.	6dB Bandwidth	Verdict
				Test Result (MHz)	
1M	2402	SISO	1	0.712	PASS
	2440	SISO	1	0.711	PASS
	2480	SISO	1	0.712	PASS
2M	2402	SISO	1	1.247	PASS
	2440	SISO	1	1.247	PASS
	2480	SISO	1	1.248	PASS

Test Mode	Frequency (MHz)	TX Type	ANT No.	99% Occupied Bandwidth	
				Test Result (MHz)	
1M	2402	SISO	1	1.042	Only for Report Use
	2440	SISO	1	1.041	Only for Report Use
	2480	SISO	1	1.041	Only for Report Use
2M	2402	SISO	1	2.062	Only for Report Use
	2440	SISO	1	2.063	Only for Report Use
	2480	SISO	1	2.063	Only for Report Use

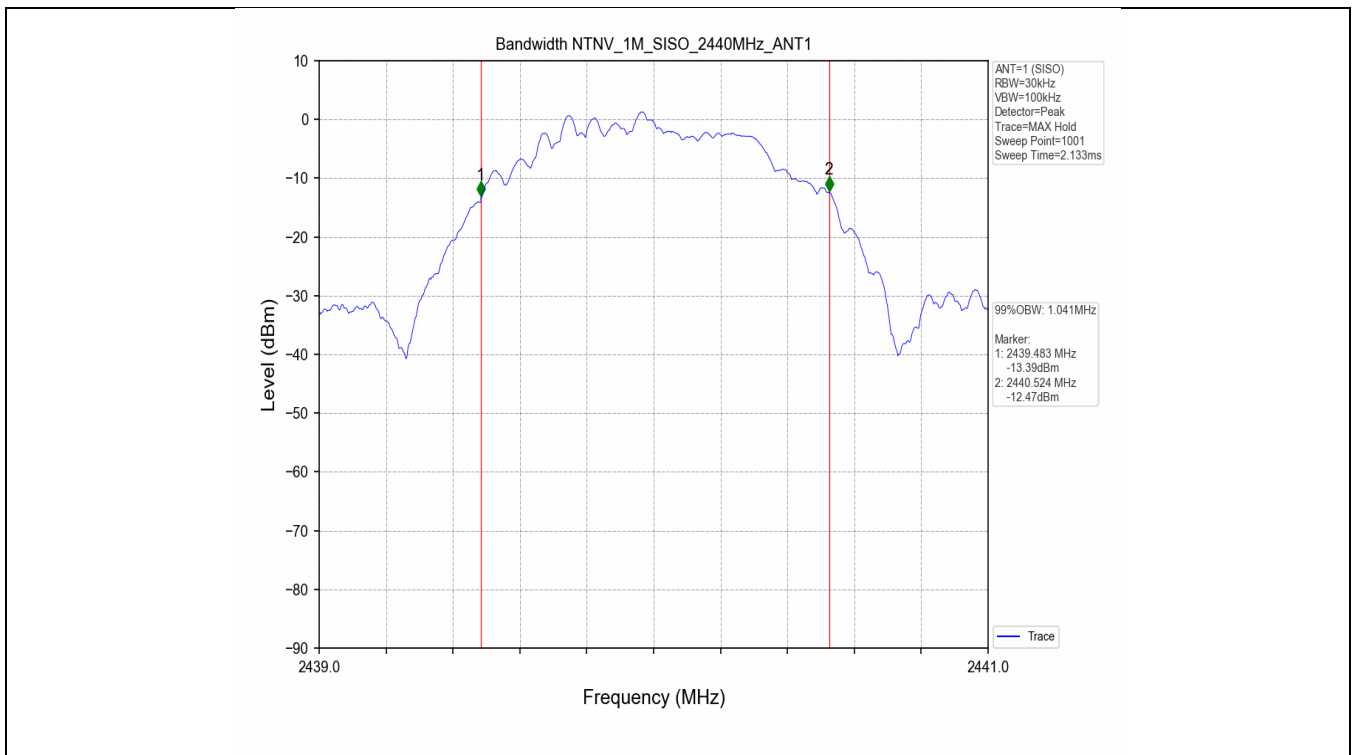
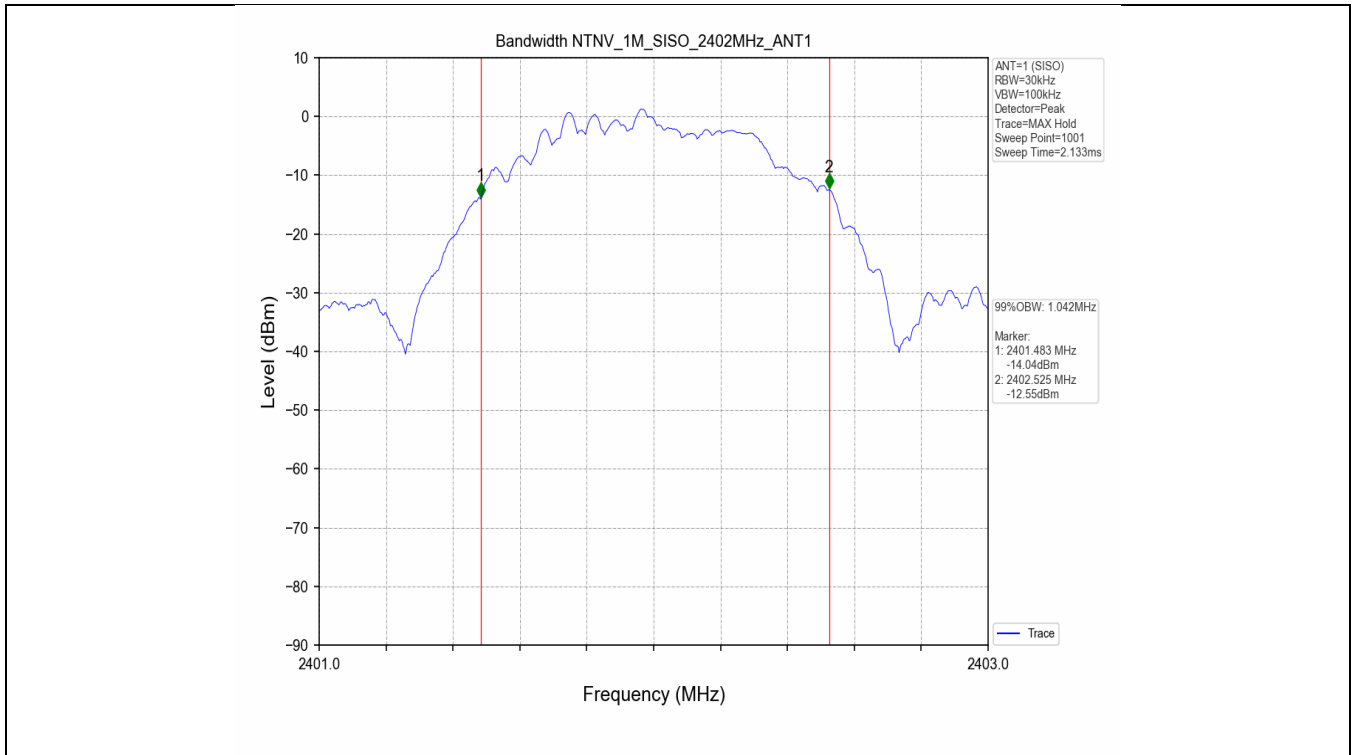
2.2 Test Graph - 6dB Bandwidth

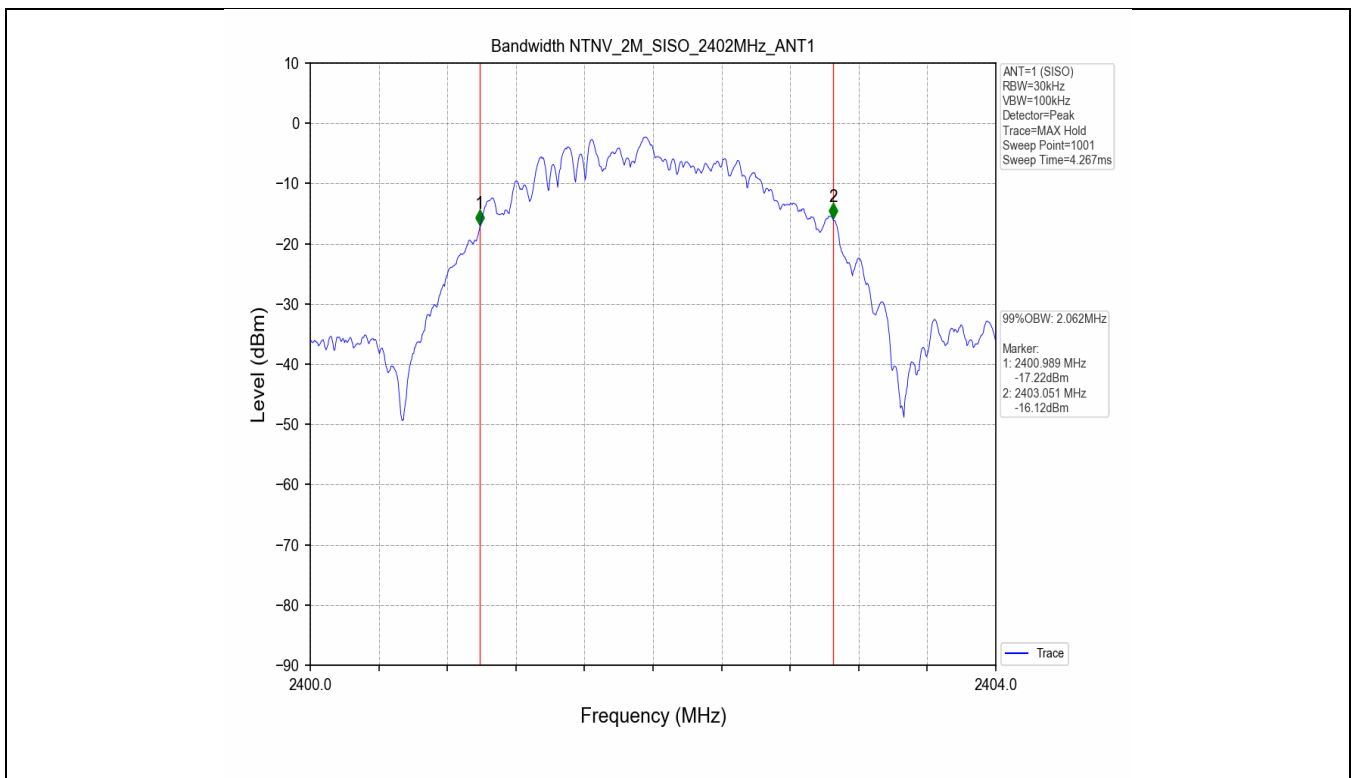
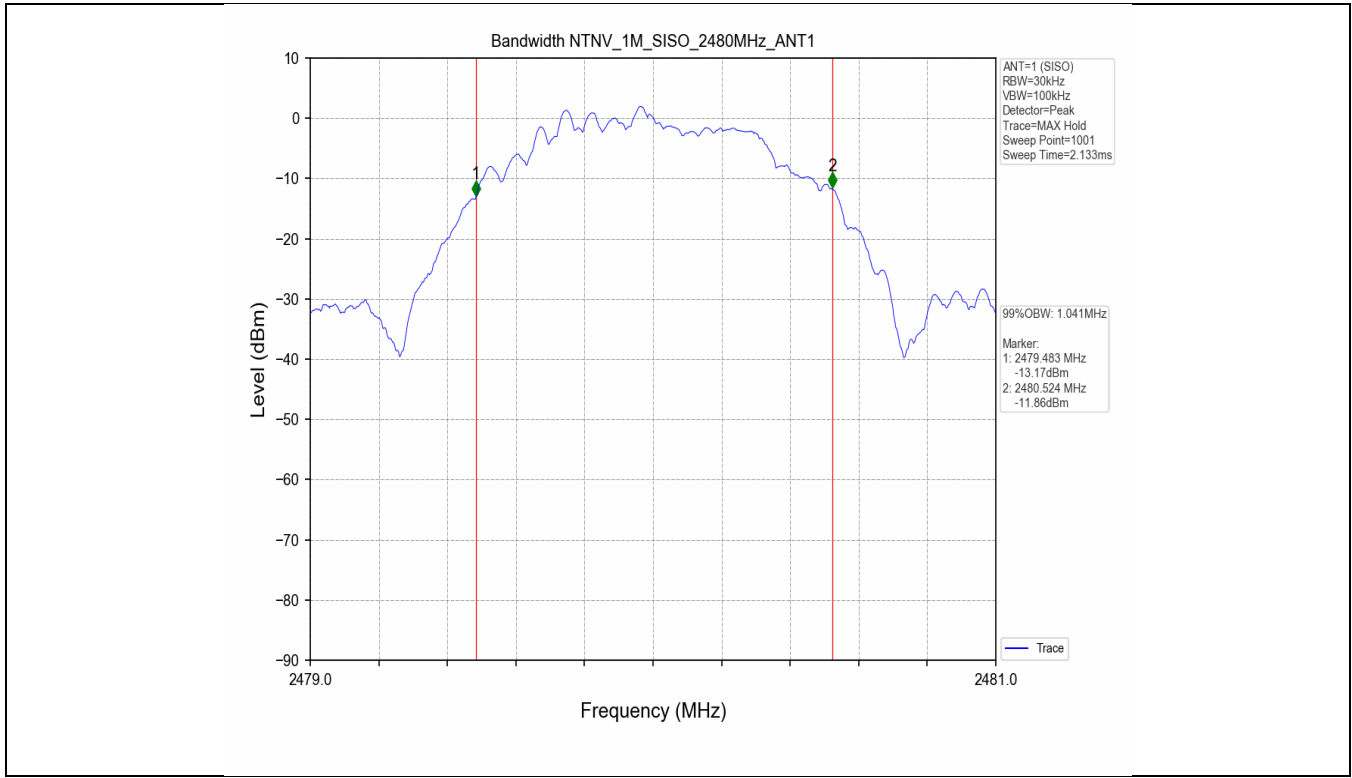


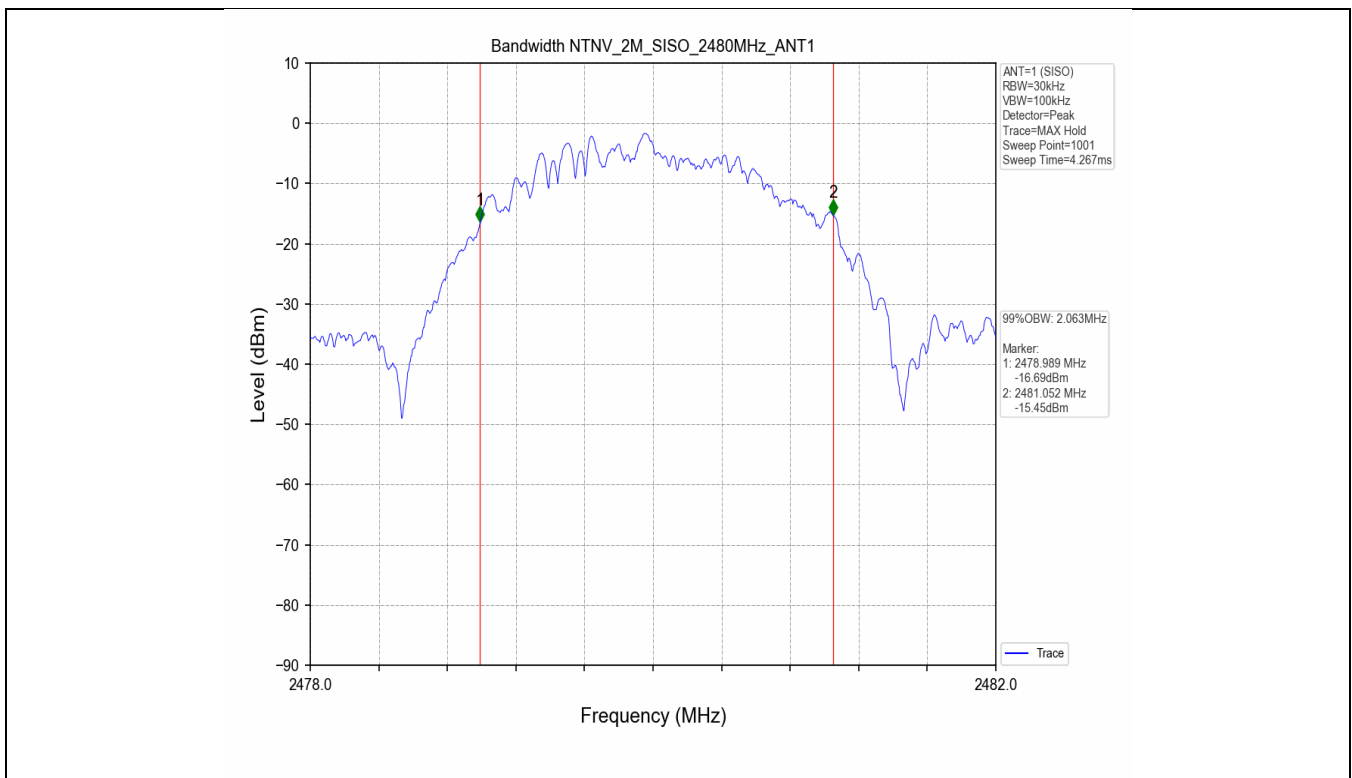
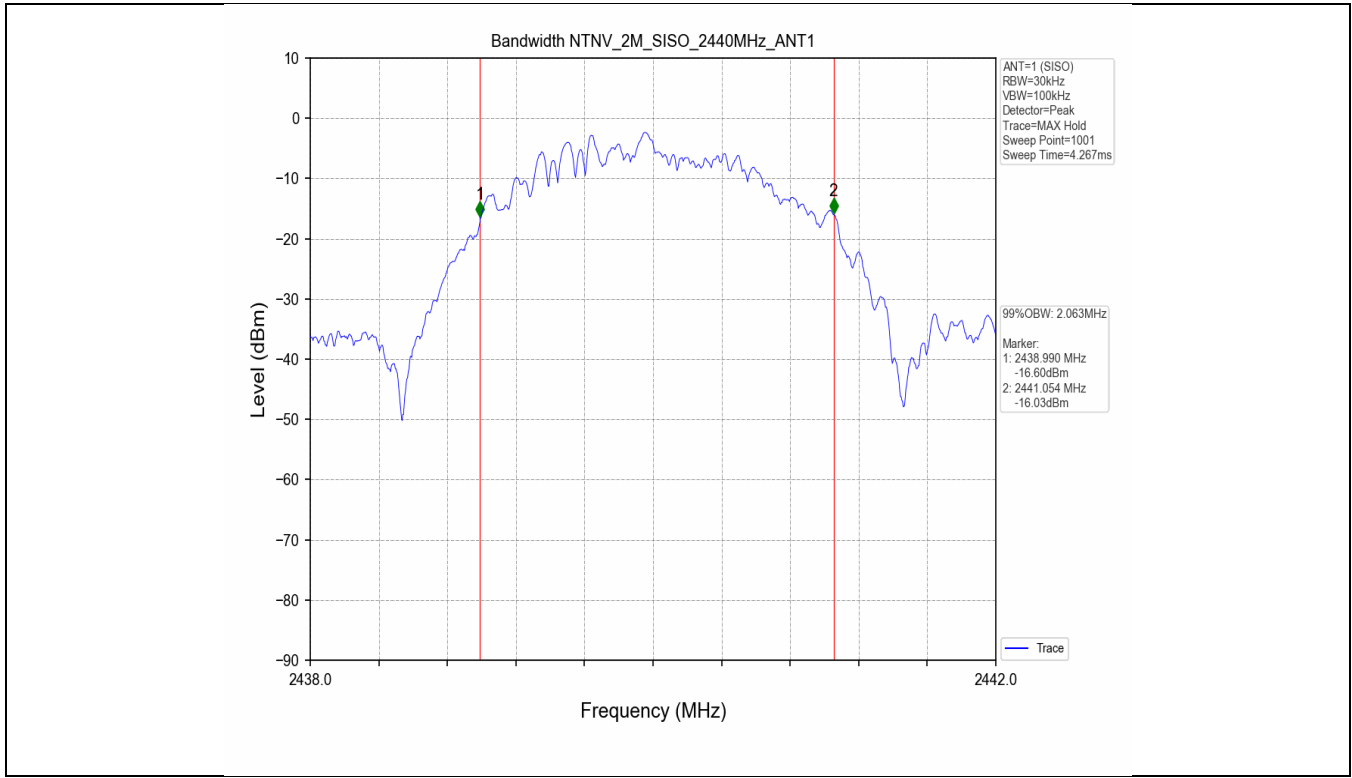




2.3 Test Graph - 99% Occupied Bandwidth





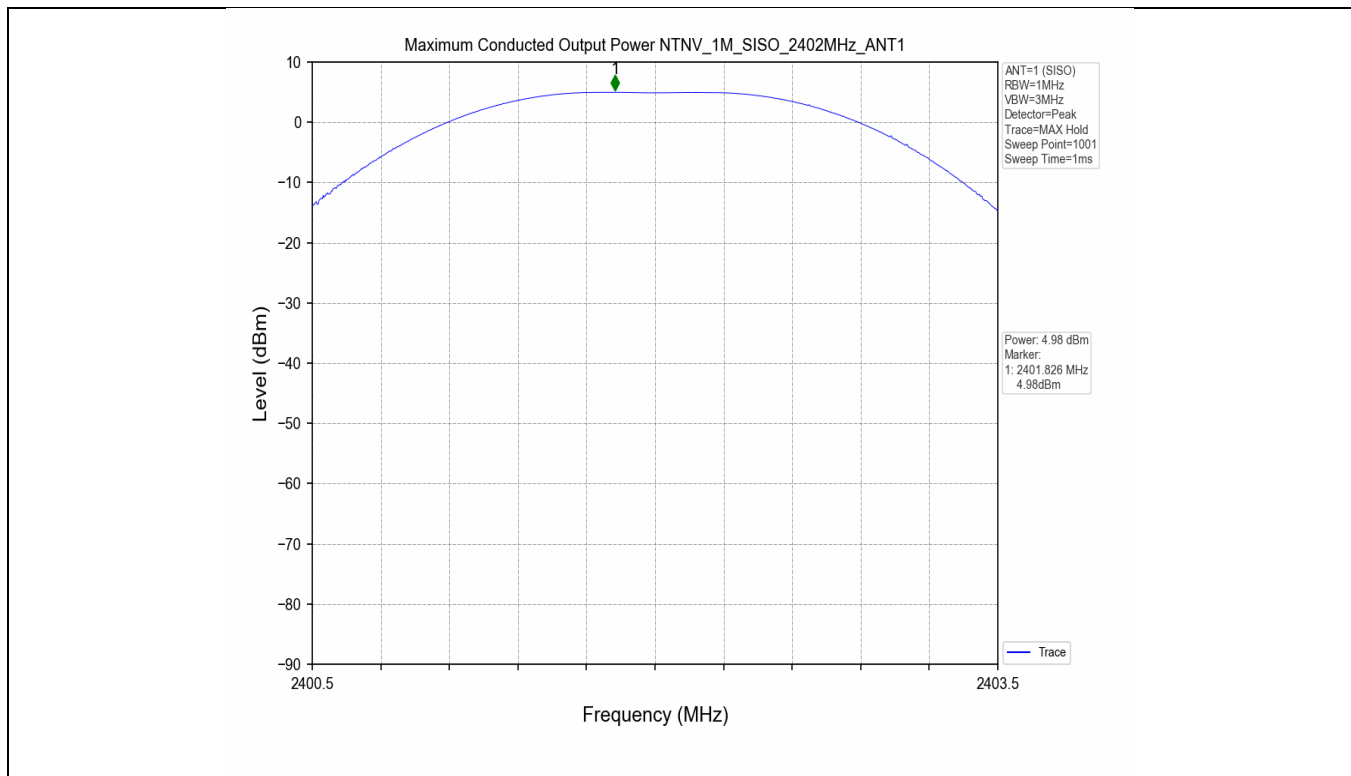


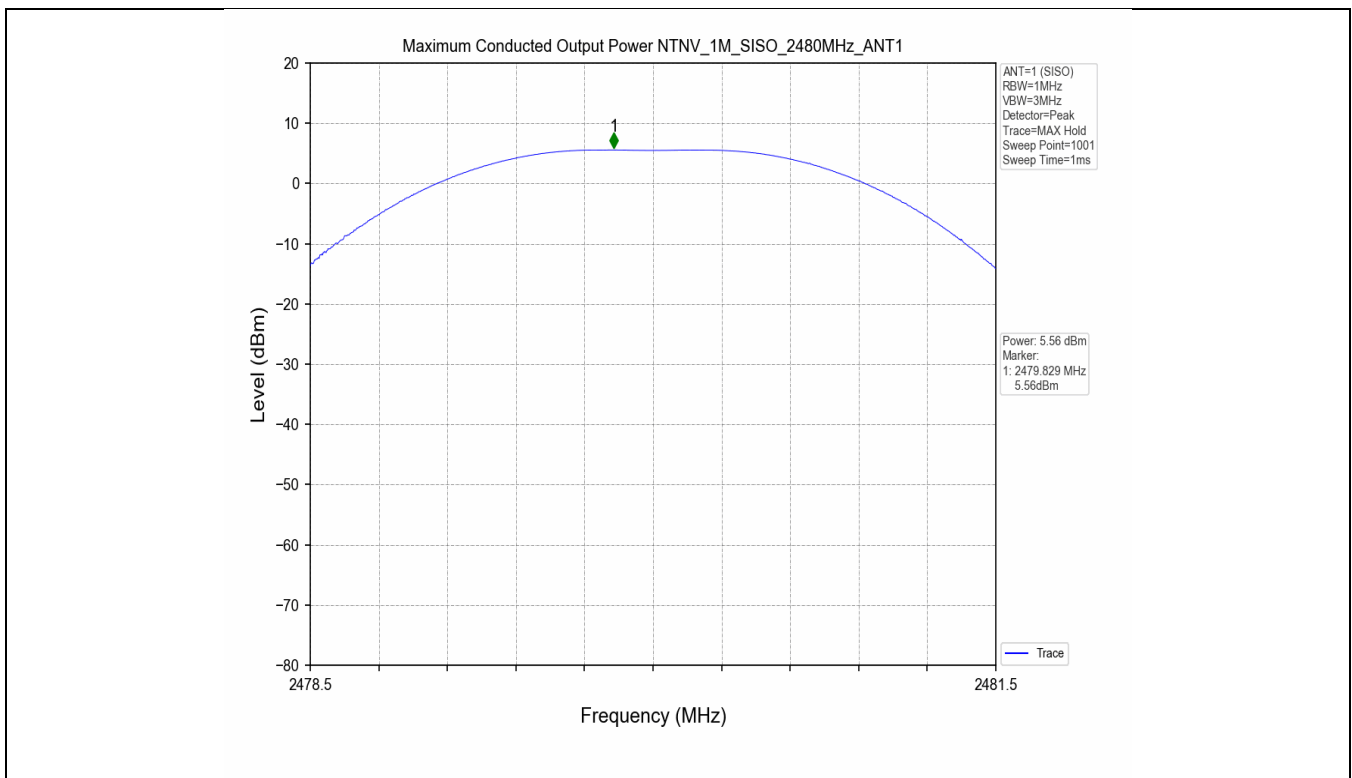
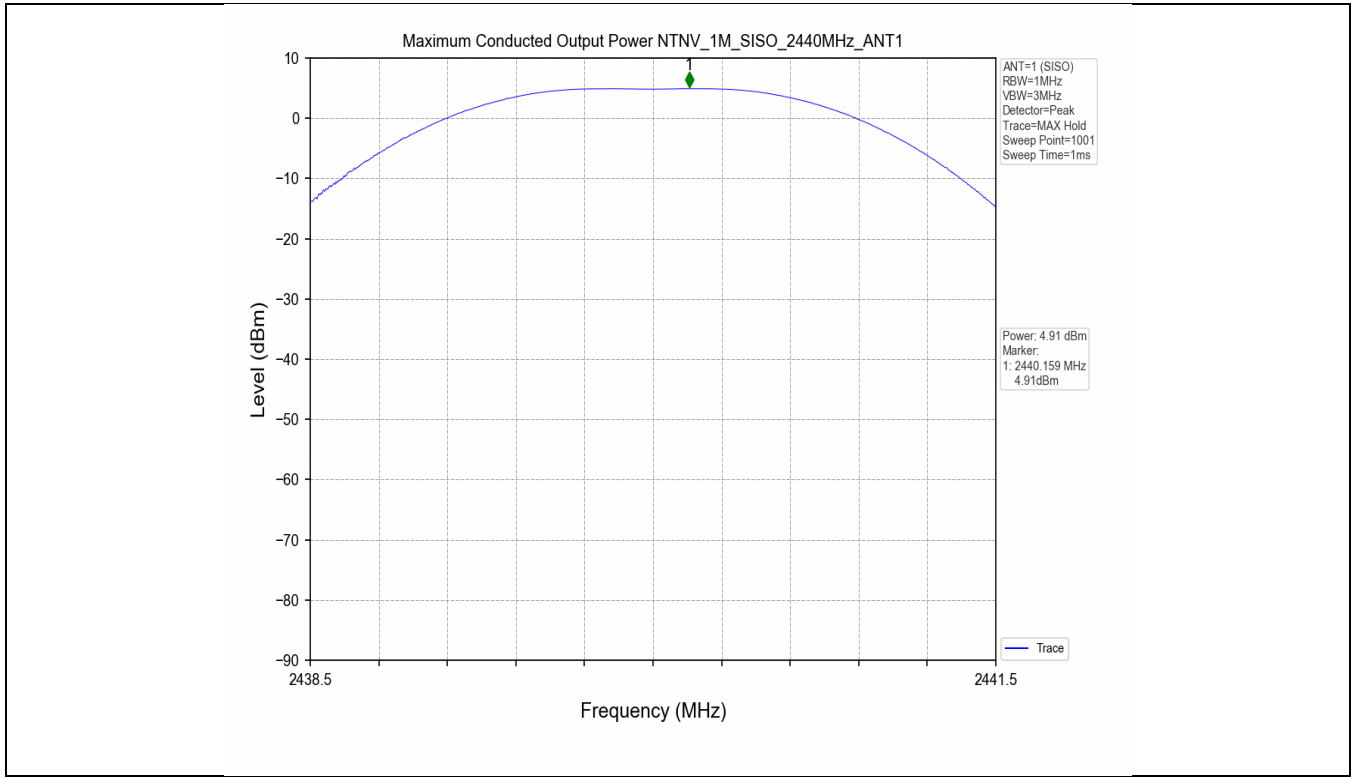
3. Maximum Conducted Output Power

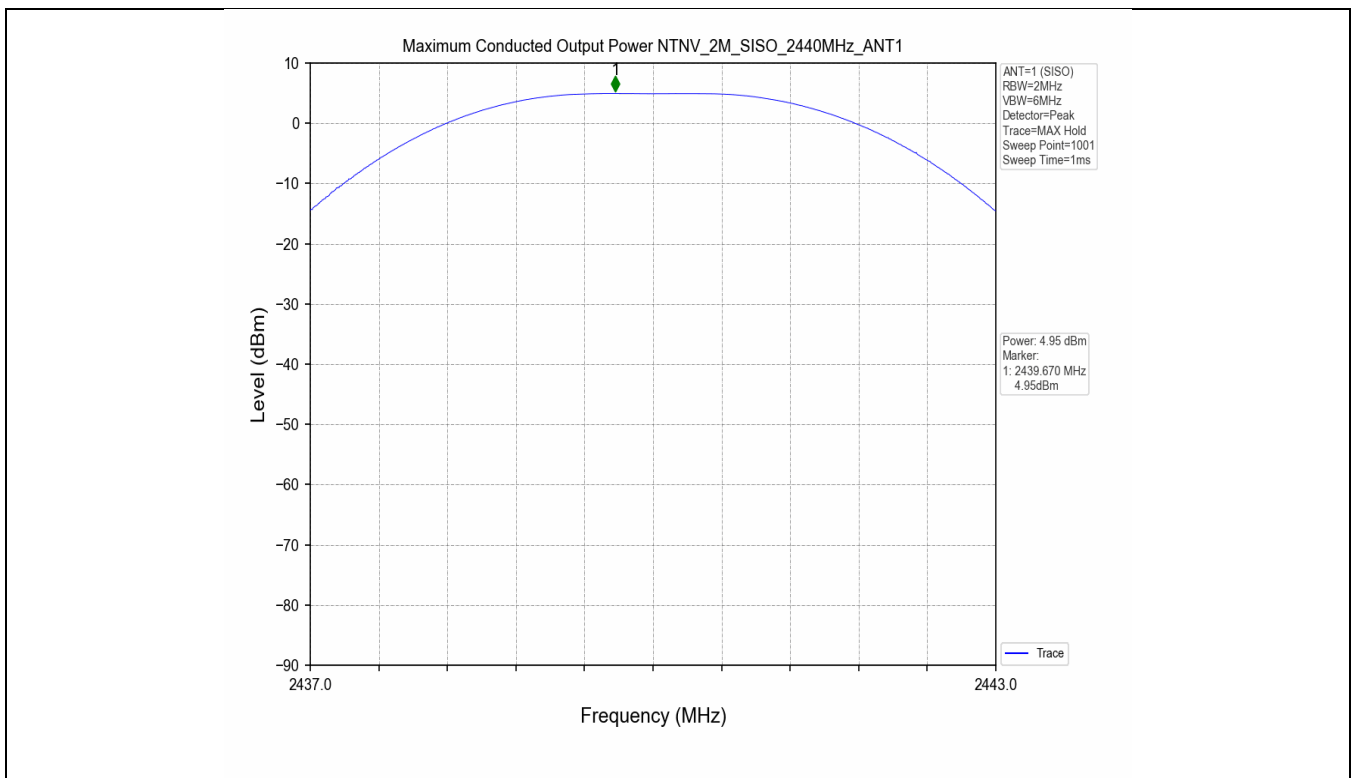
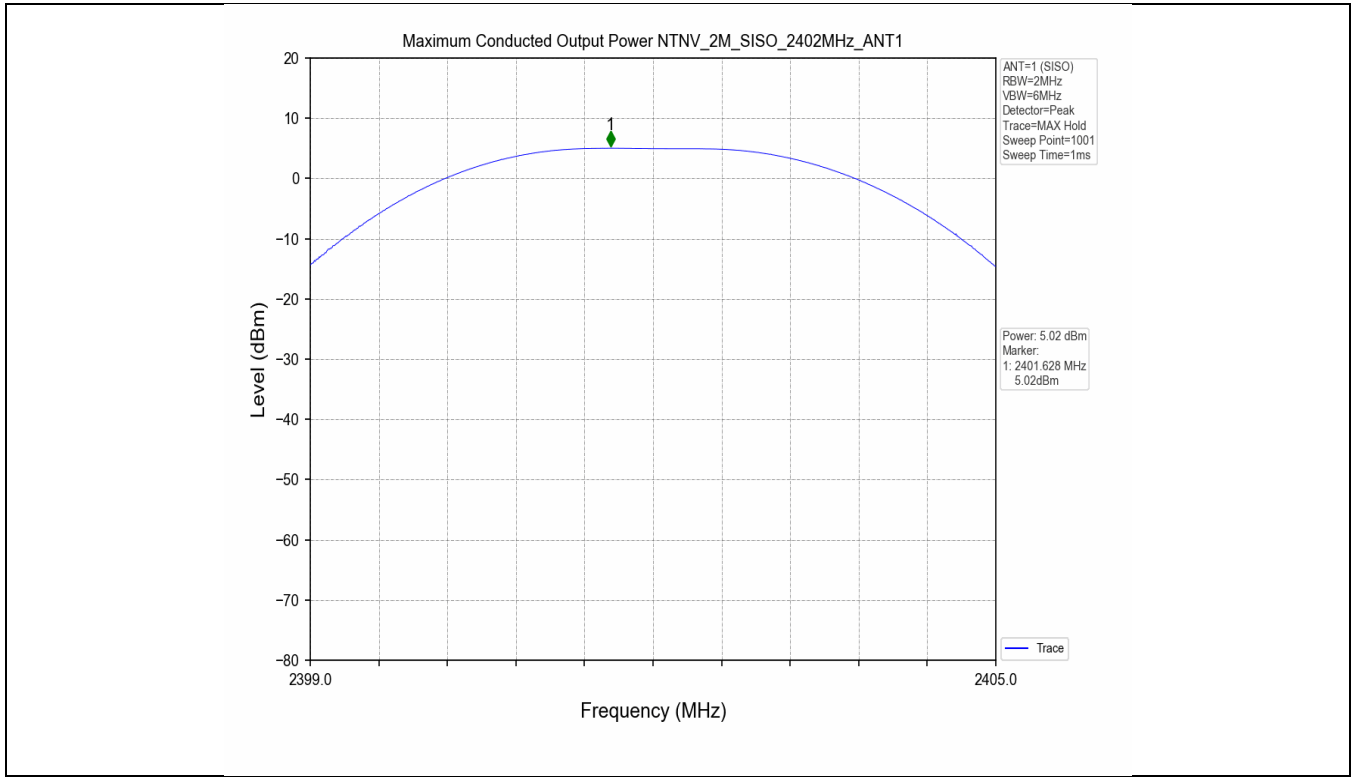
3.1 Test Result

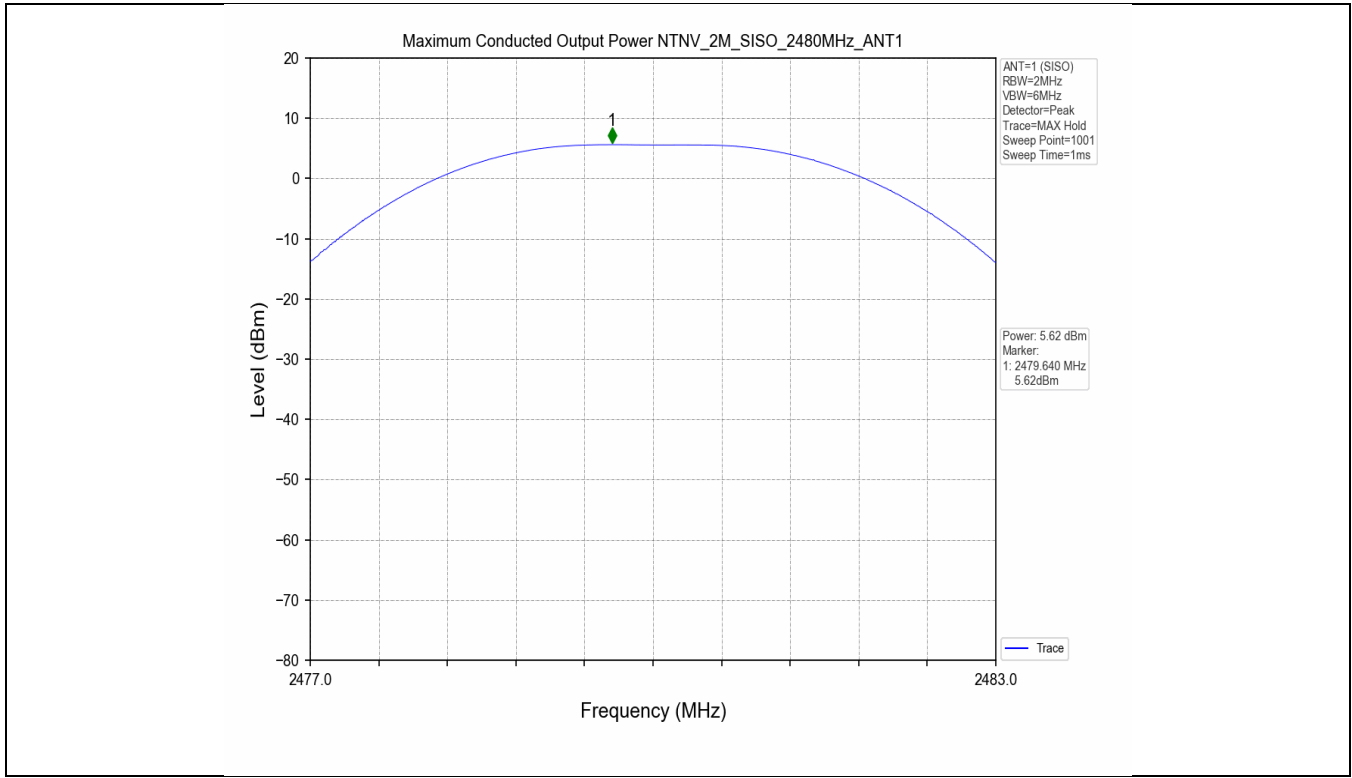
Test Mode	Frequency (MHz)	Tx Type	Measured Peak Output Power (dBm)	Limits (dBm)	Verdict
			Ant 1		
1M	2402	SISO	4.98	30	PASS
	2440	SISO	4.91	30	PASS
	2480	SISO	5.56	30	PASS
2M	2402	SISO	5.02	30	PASS
	2440	SISO	4.95	30	PASS
	2480	SISO	5.62	30	PASS

3.2 Test Graph







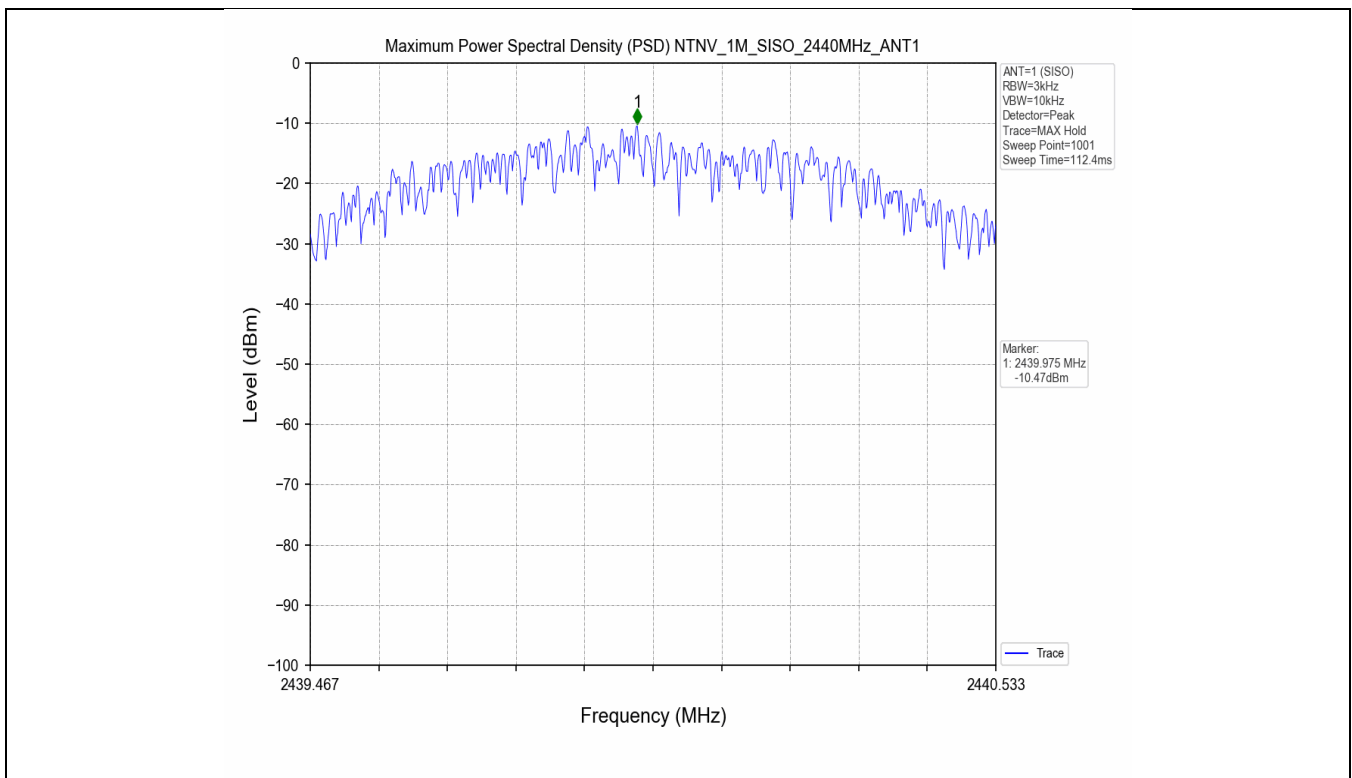
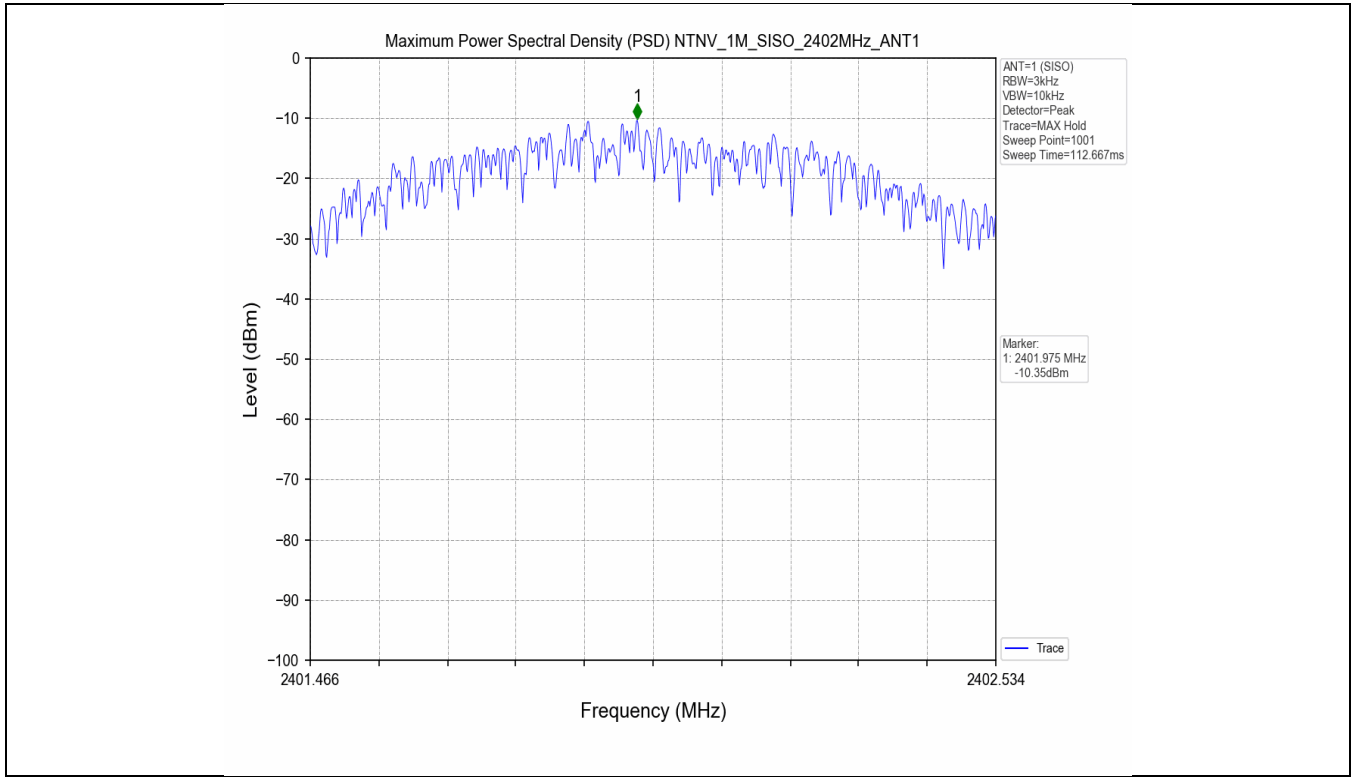


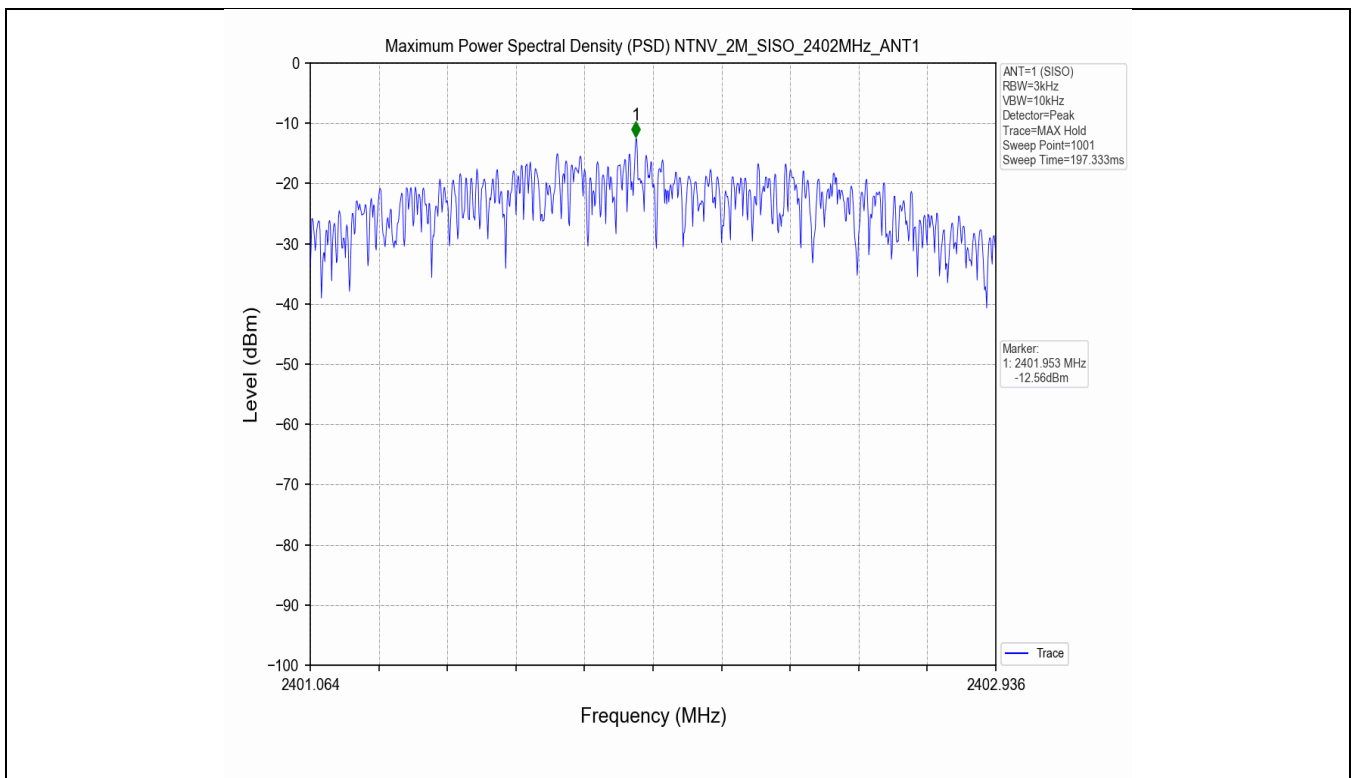
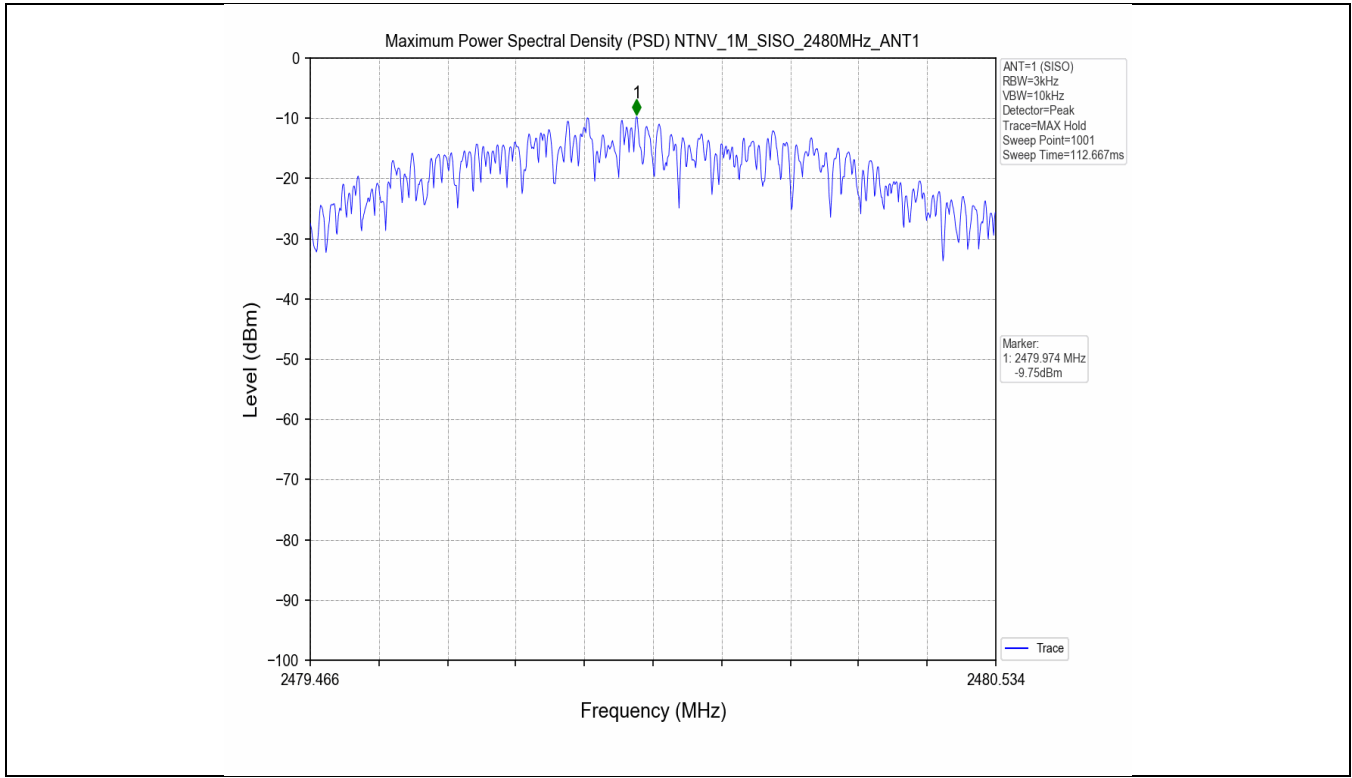
4. Maximum Power Spectral Density (PSD)

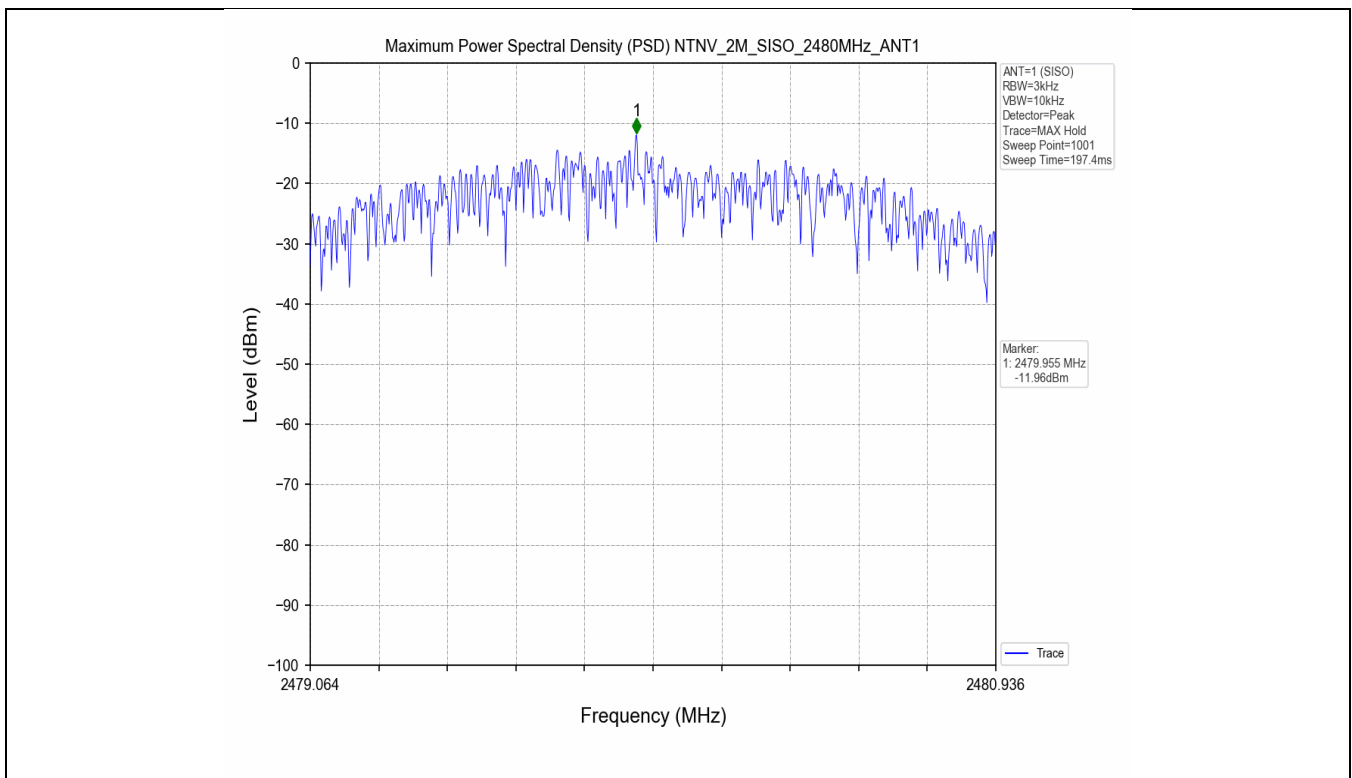
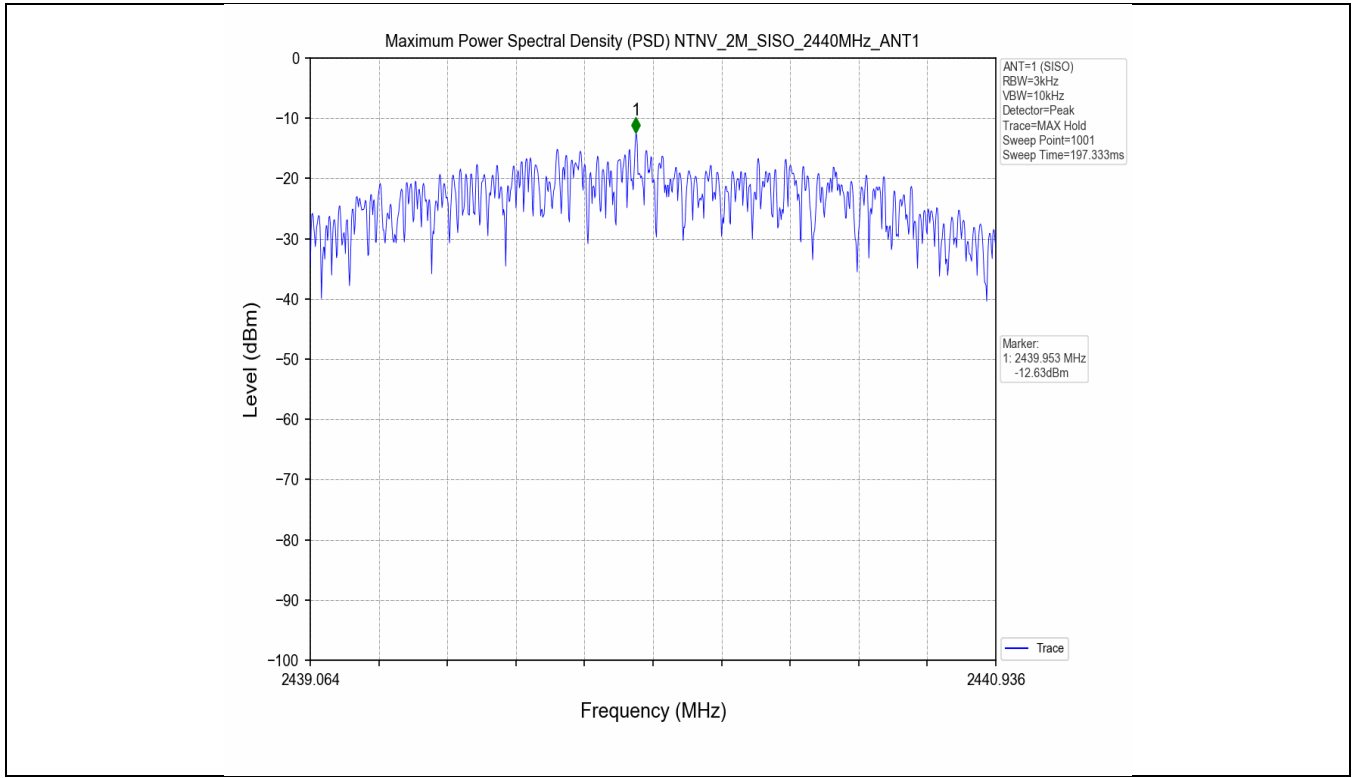
4.1 Test Result

Test Mode	Frequency (MHz)	Tx Type	Maximum Power Spectral Density (dBm/3KHz)	Limits (dBm/3kHz)	Verdict
			Ant 1		
1M	2402	SISO	-10.35	≤8	PASS
	2440	SISO	-10.47	≤8	PASS
	2480	SISO	-9.75	≤8	PASS
2M	2402	SISO	-12.56	≤8	PASS
	2440	SISO	-12.63	≤8	PASS
	2480	SISO	-11.96	≤8	PASS

4.2 Test Graph







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 (dBm)	Verdict
1M	2402	SISO	1	Refer to test graph	-14.61	PASS
	2440	SISO	1	Refer to test graph	-14.61	PASS
	2480	SISO	1	Refer to test graph	-14.61	PASS
2M	2402	SISO	1	Refer to test graph	-15.71	PASS
	2440	SISO	1	Refer to test graph	-15.71	PASS
	2480	SISO	1	Refer to test graph	-15.71	PASS

5.2 Test Graph

