

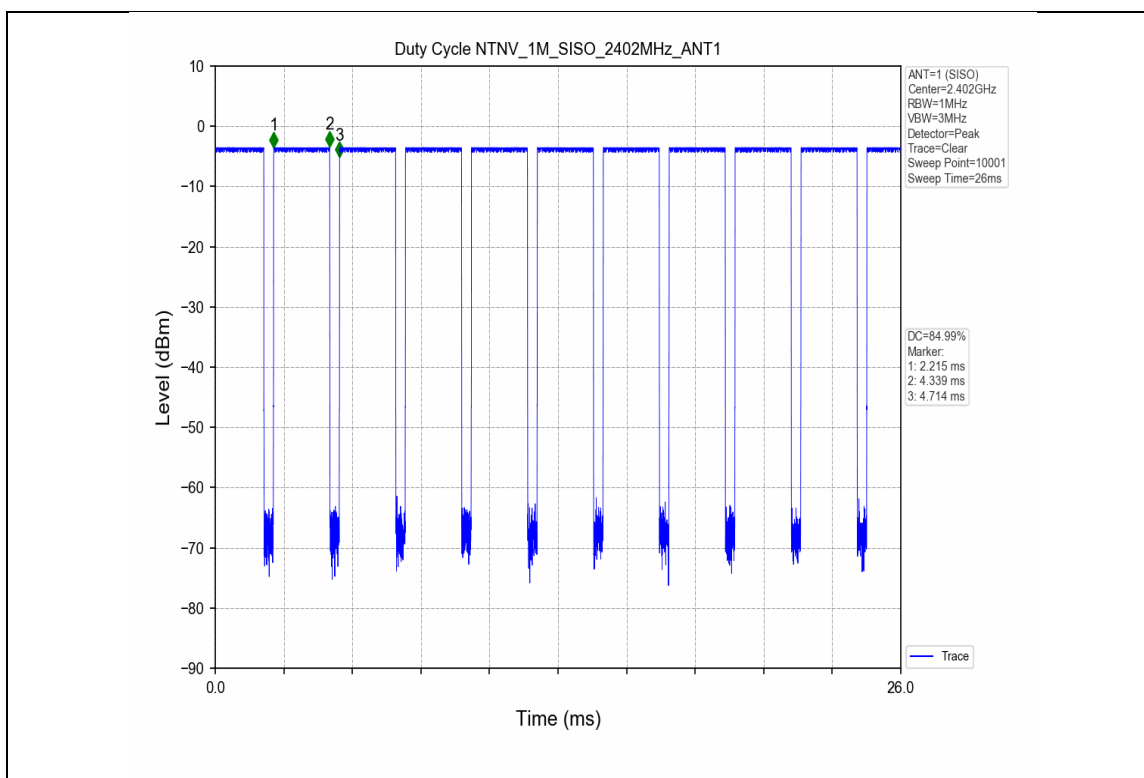
Appendix B for KSEM210300035302

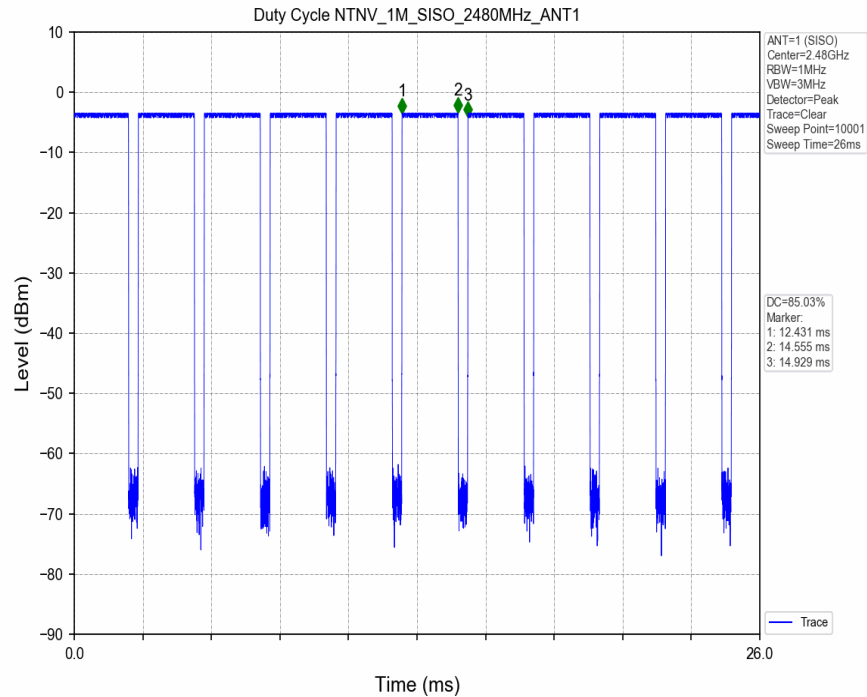
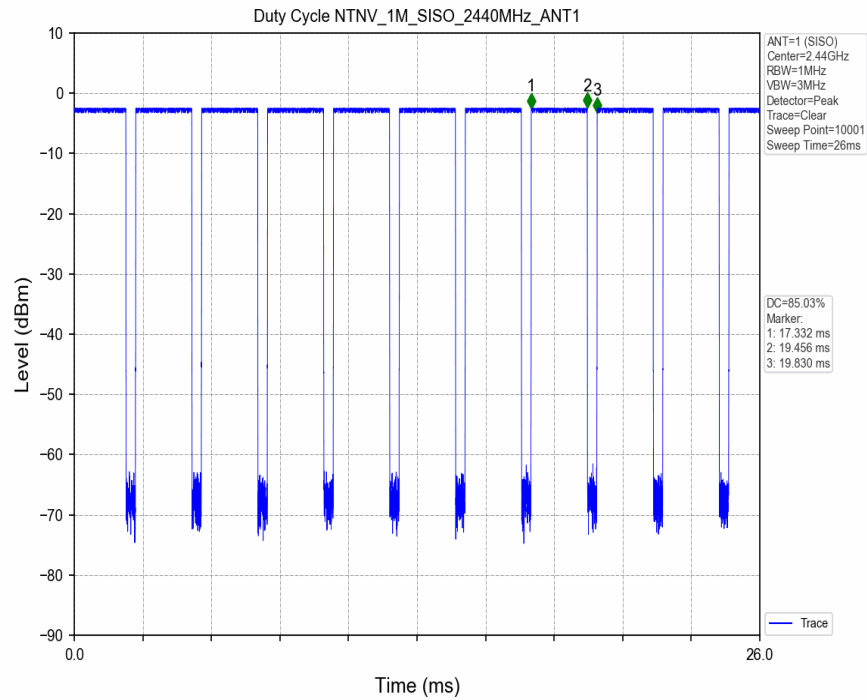
1. Duty Cycle

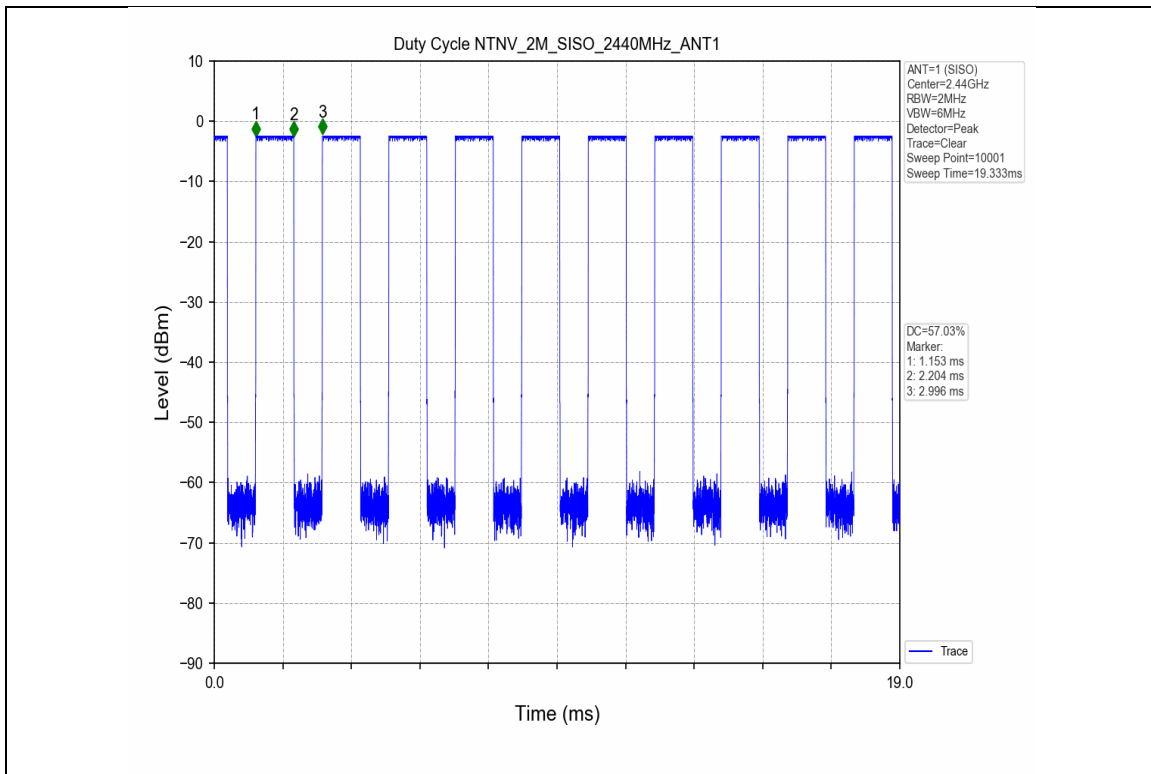
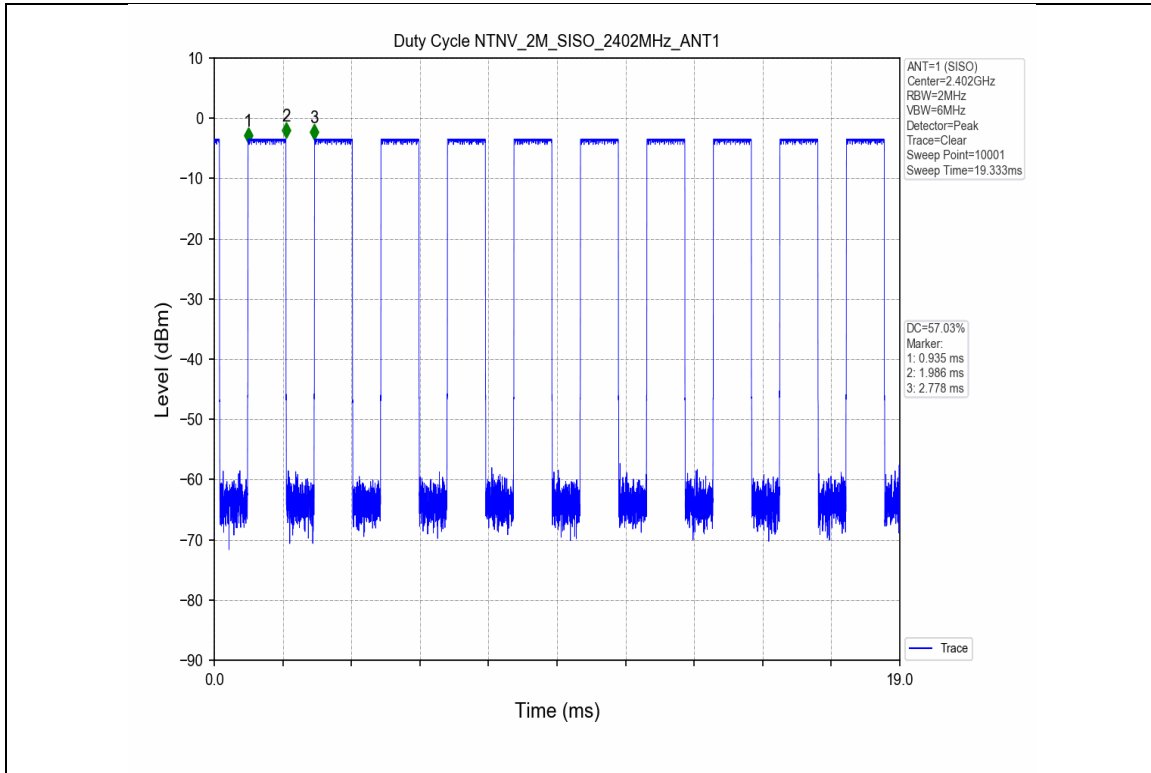
1.1 Test Result

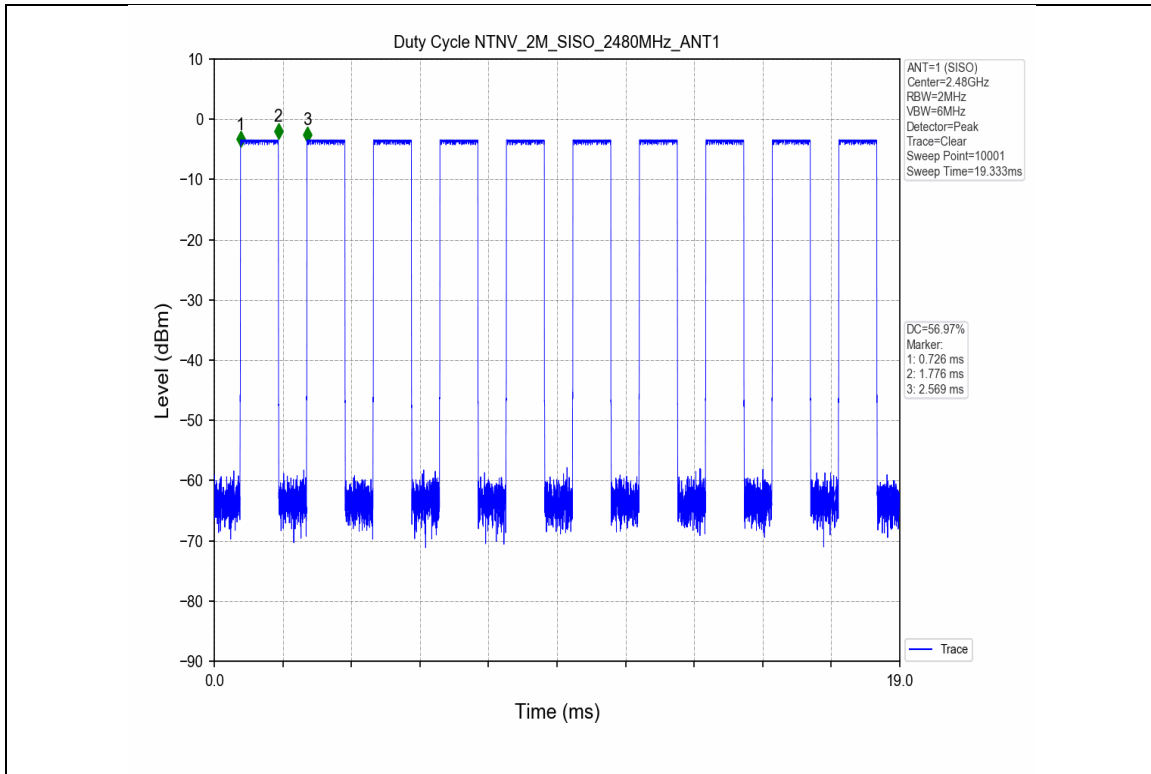
Test Mode	Channel Frequency(MHz)	TX Type	ANT No.	T_on (ms)	Period (ms)	Duty Cycle (%)	Duty Cycle Correction Factor (dB)
1M	2402	SISO	1	2.124	2.499	84.99	0.71
	2440	SISO	1	2.124	2.498	85.03	0.70
	2480	SISO	1	2.124	2.498	85.03	0.70
2M	2402	SISO	1	1.051	1.843	57.03	2.44
	2440	SISO	1	1.051	1.843	57.03	2.44
	2480	SISO	1	1.050	1.843	56.97	2.44

1.2 Test Graph









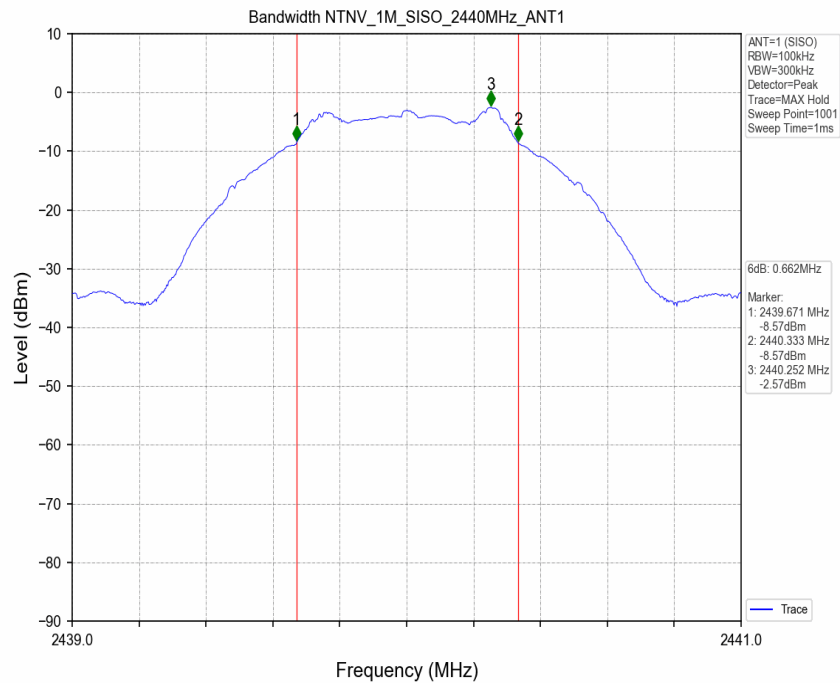
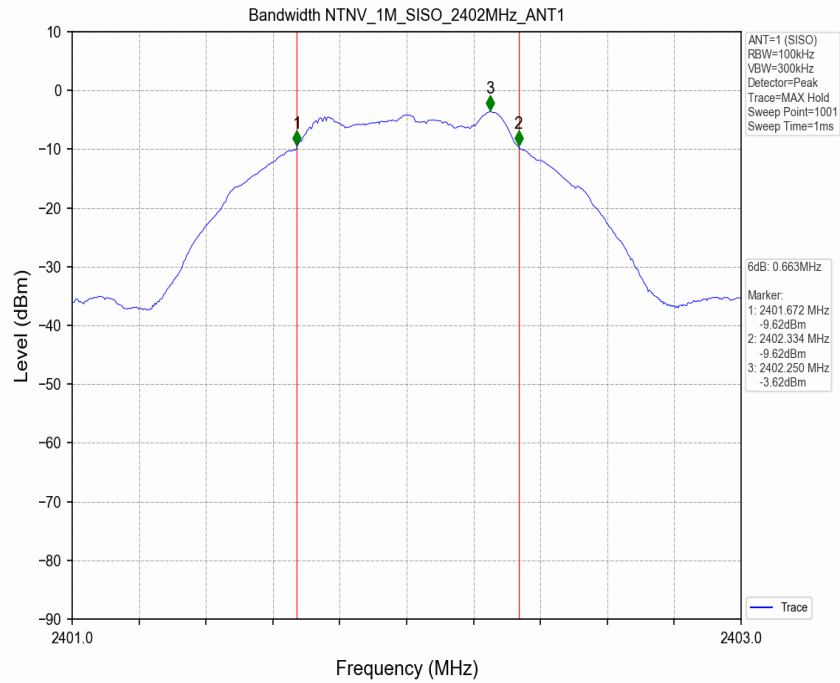
2. Bandwidth

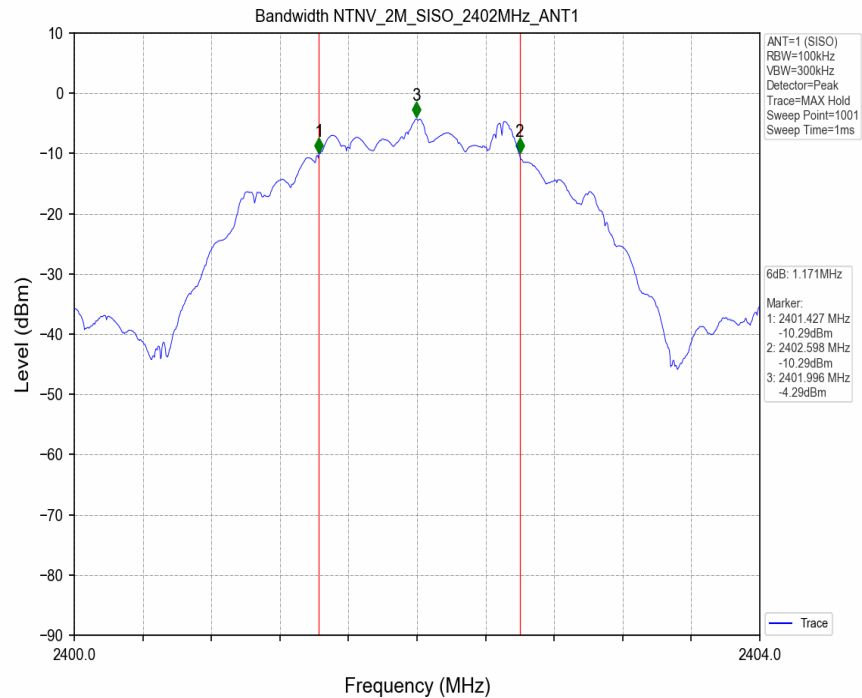
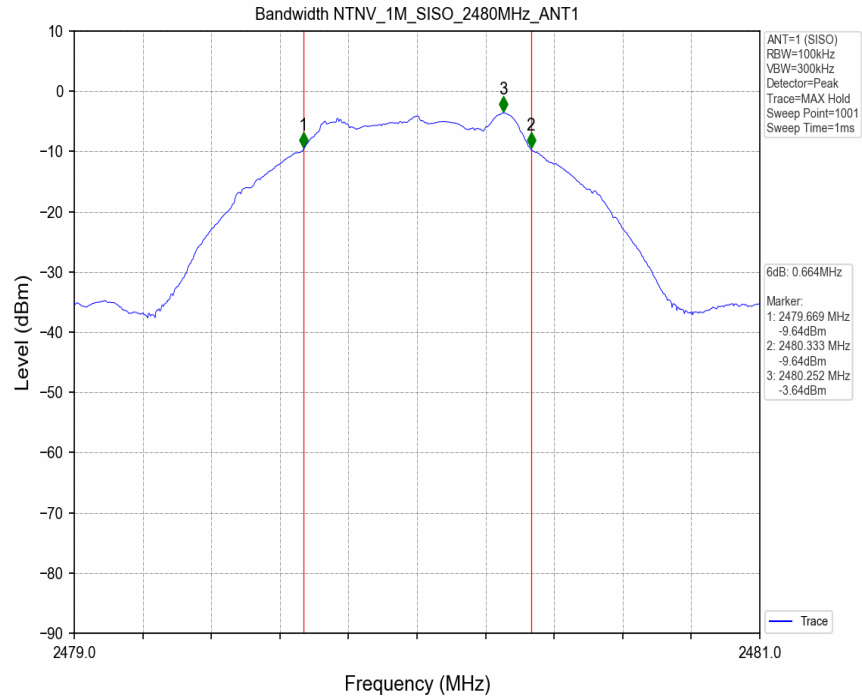
2.1 Test Result

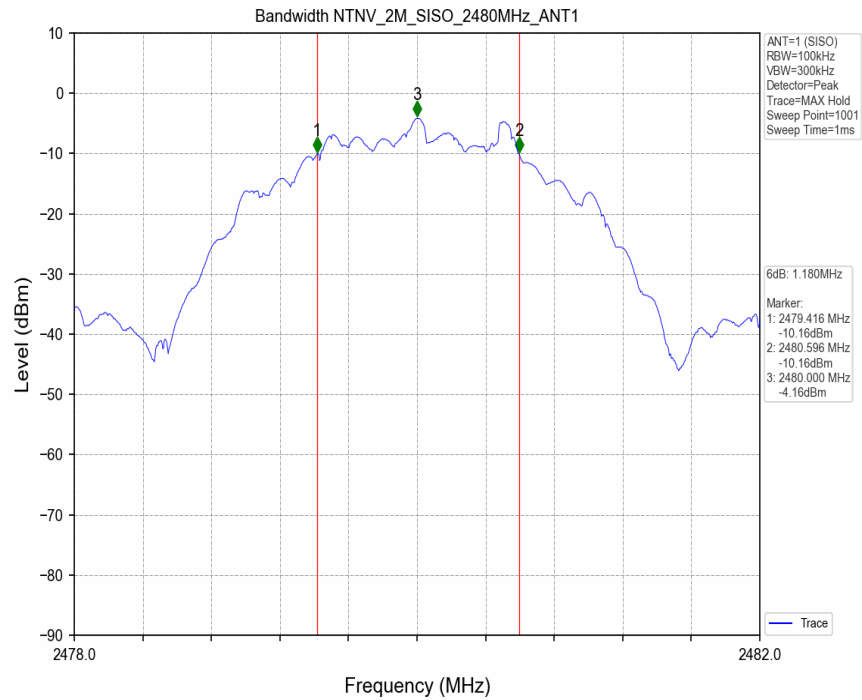
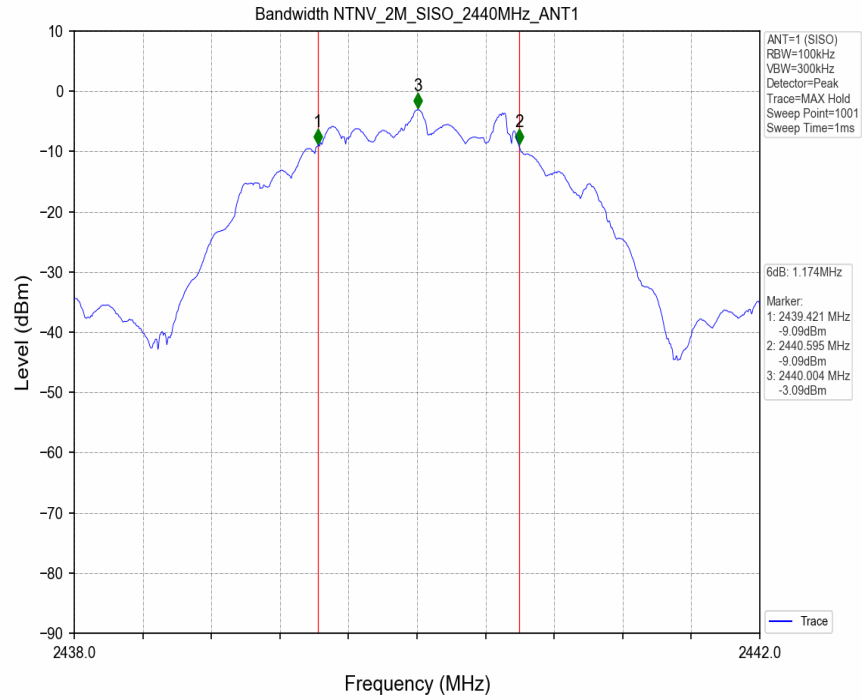
Test Mode	Frequency (MHz)	TX Type	ANT No.	6dB Bandwidth		Verdict
				Test Result (MHz)	Limits (MHz)	
1M	2402	SISO	1	0.663	≥ 0.5	PASS
	2440	SISO	1	0.662	≥ 0.5	PASS
	2480	SISO	1	0.664	≥ 0.5	PASS
2M	2402	SISO	1	1.171	≥ 0.5	PASS
	2440	SISO	1	1.174	≥ 0.5	PASS
	2480	SISO	1	1.180	≥ 0.5	PASS

Test Mode	Frequency (MHz)	TX Type	ANT No.	99% Occupied Bandwidth	
				Test Result (MHz)	
1M	2402	SISO	1	1.041	Only for Report Use
	2440	SISO	1	1.040	Only for Report Use
	2480	SISO	1	1.042	Only for Report Use
2M	2402	SISO	1	2.078	Only for Report Use
	2440	SISO	1	2.080	Only for Report Use
	2480	SISO	1	2.079	Only for Report Use

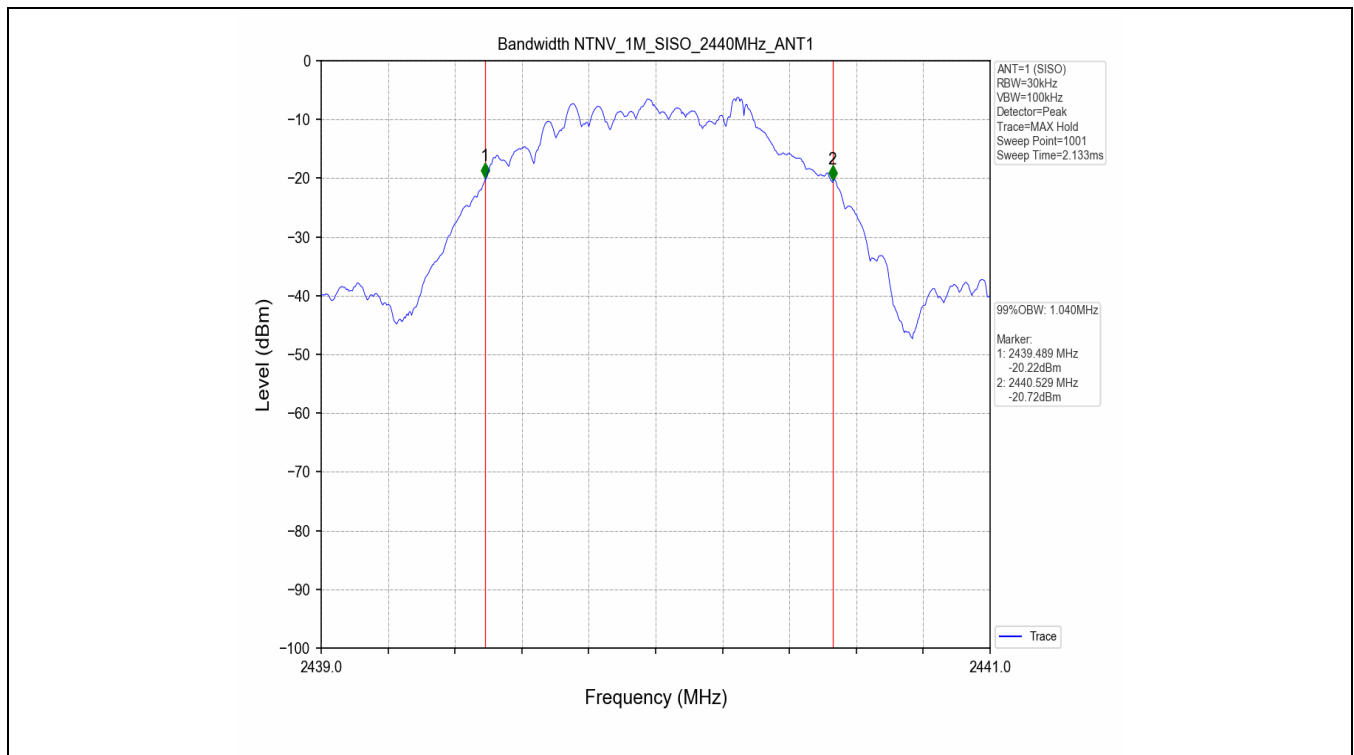
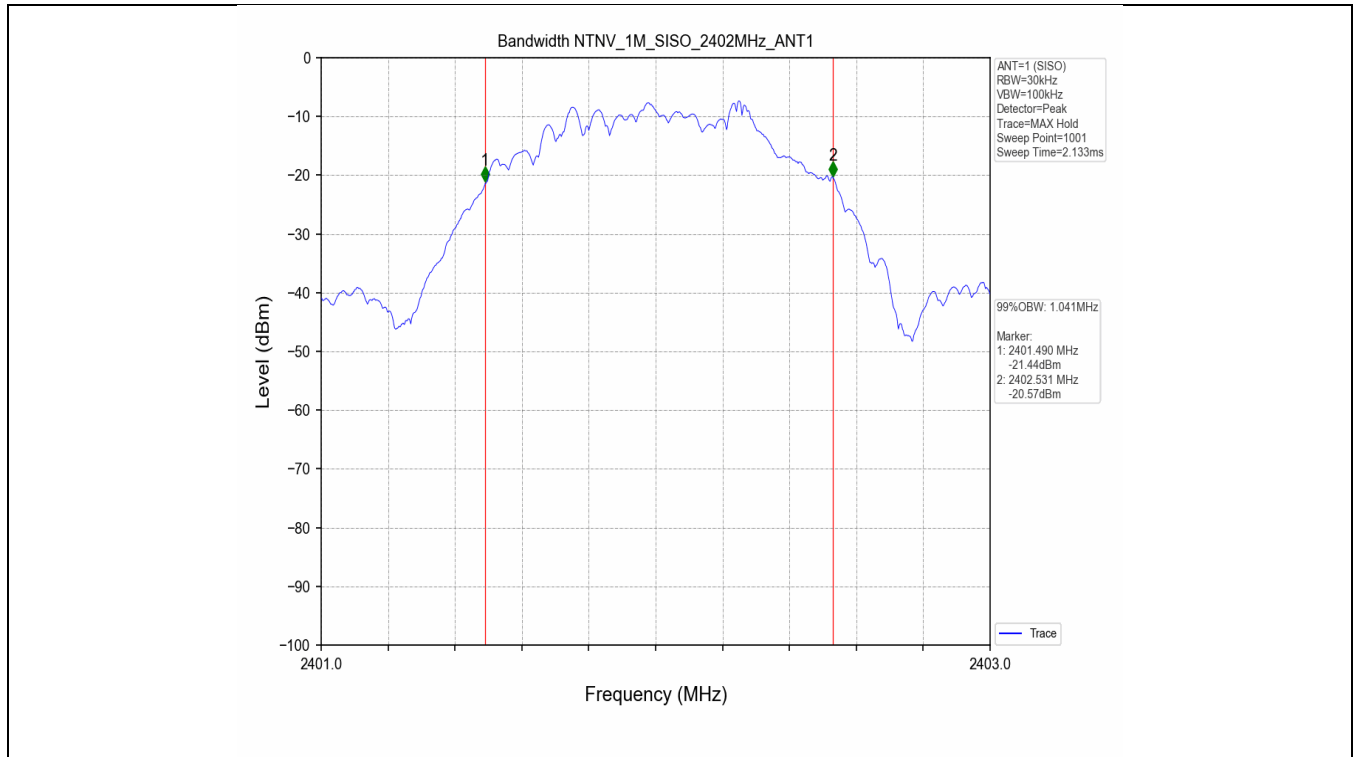
2.2 Test Graph - 6dB Bandwidth

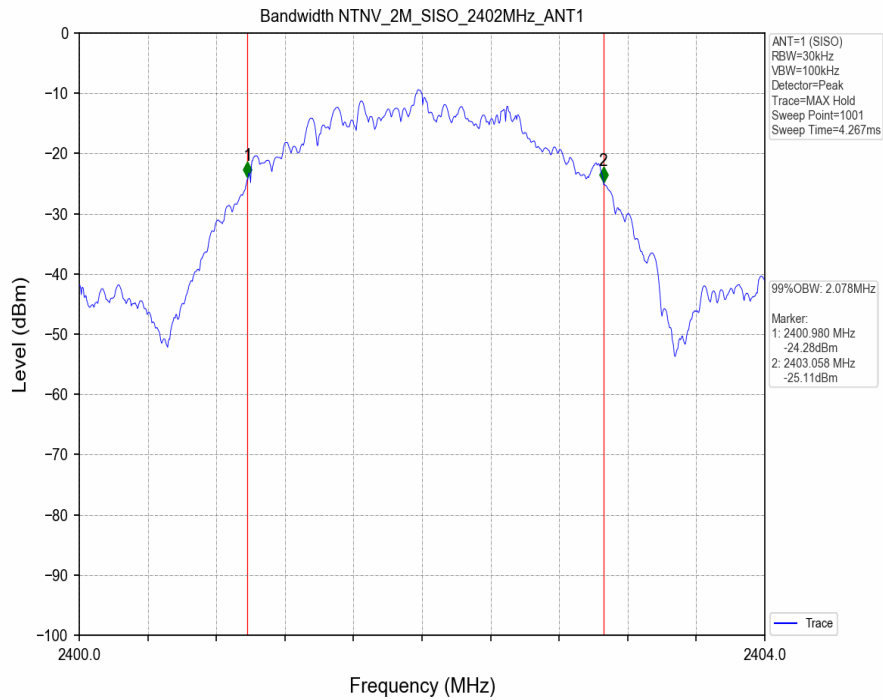
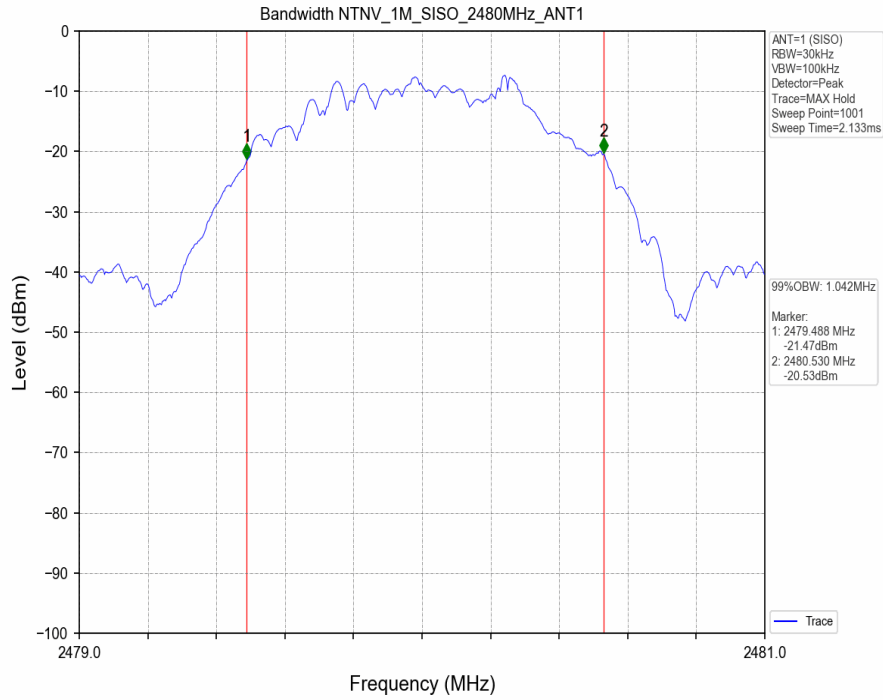


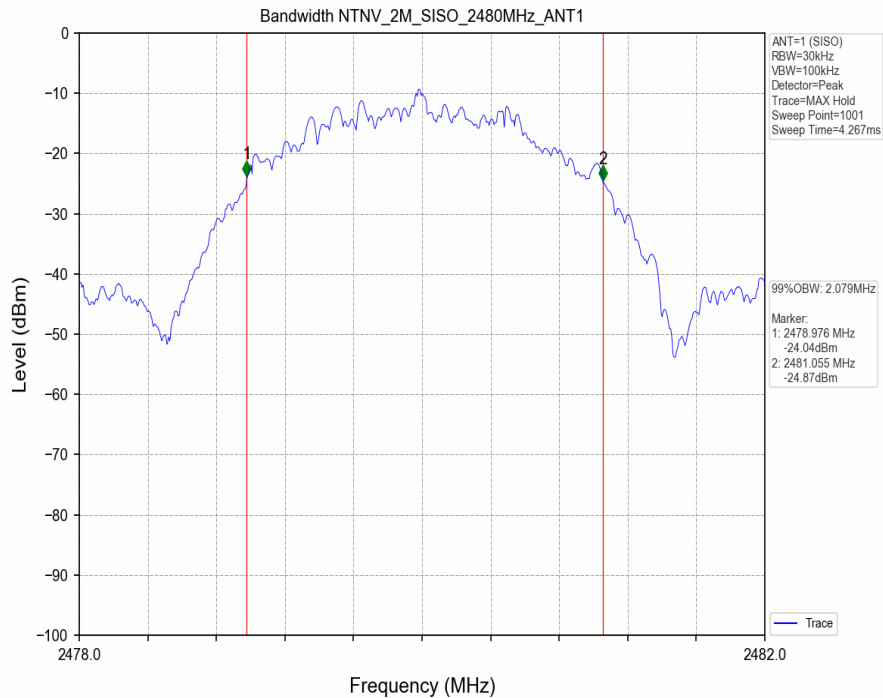
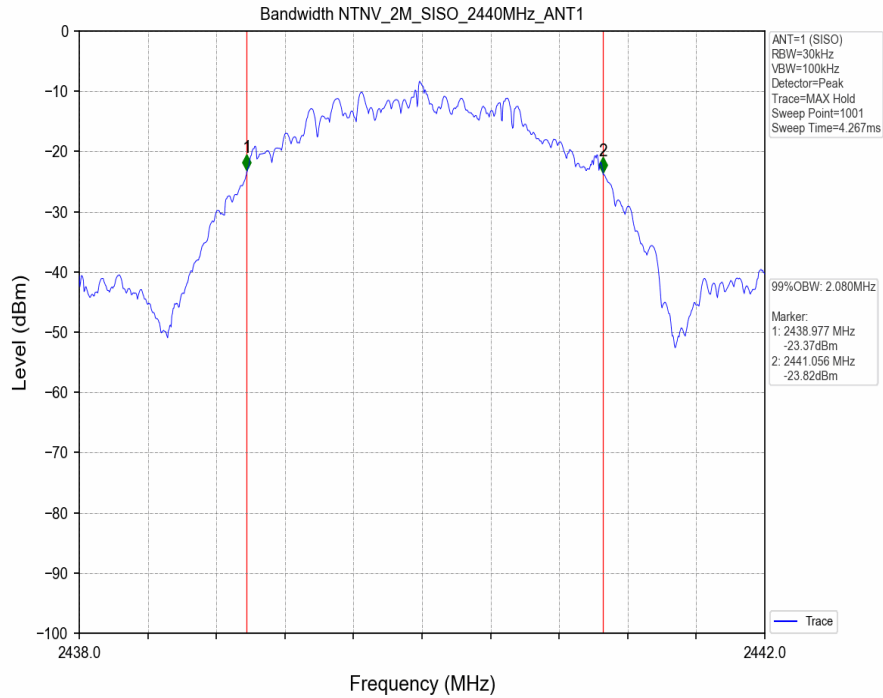




2.3 Test Graph - 99% Occupied Bandwidth





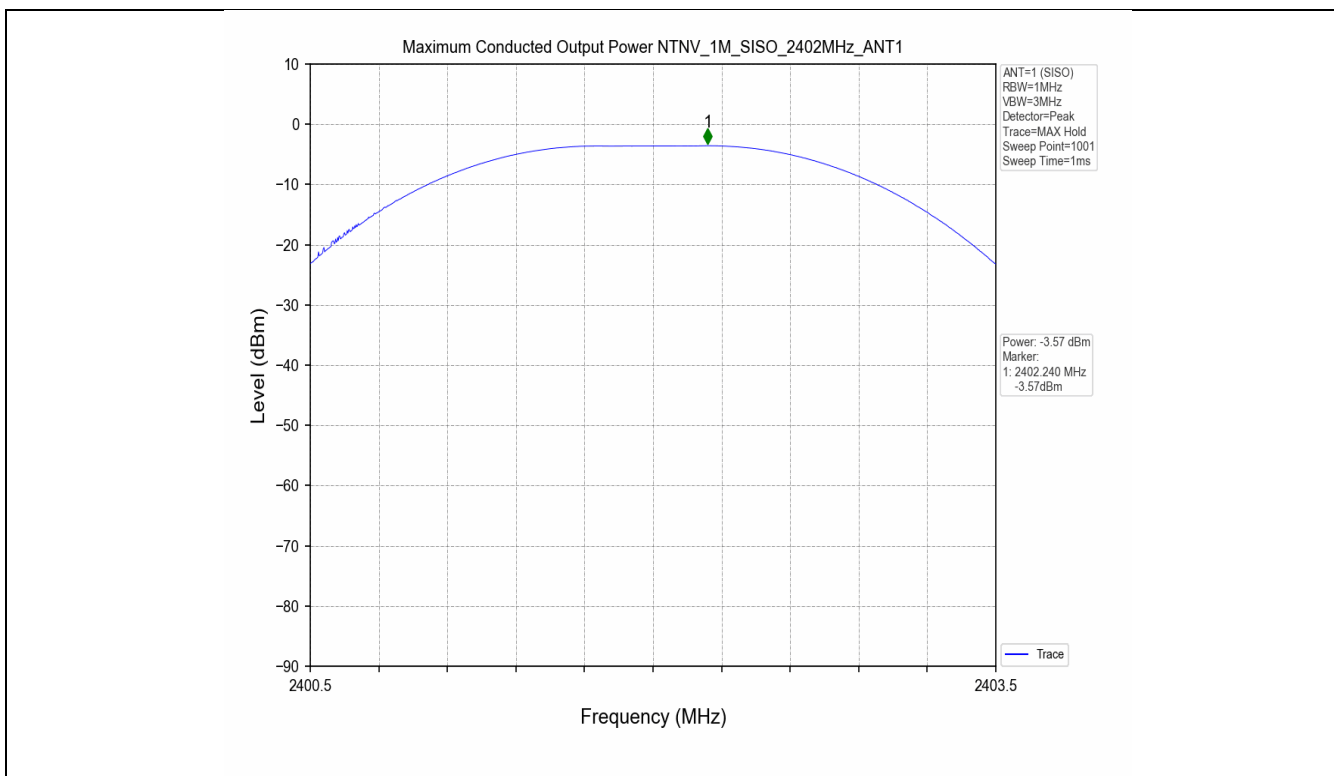


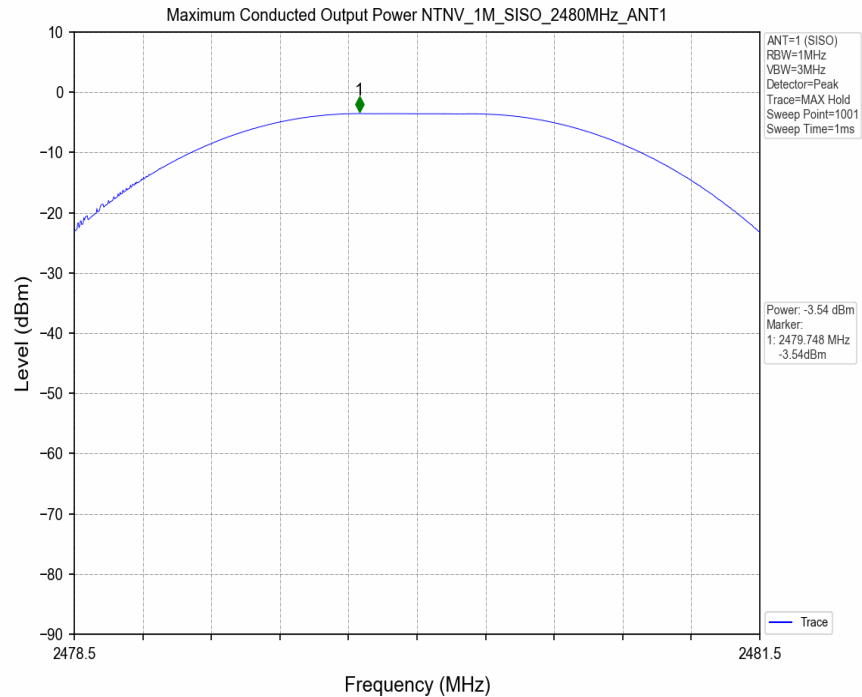
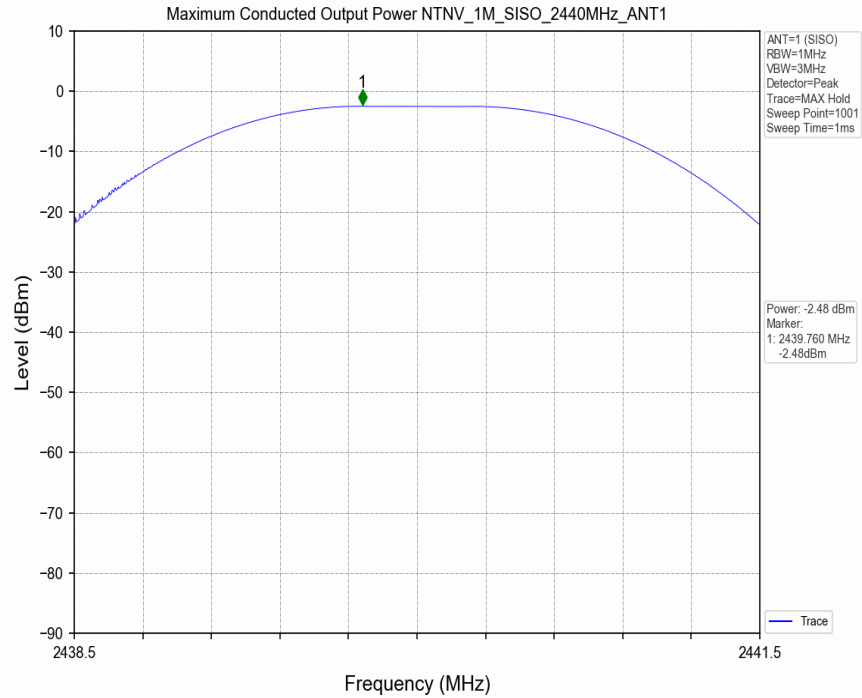
3. Maximum Conducted Output Power

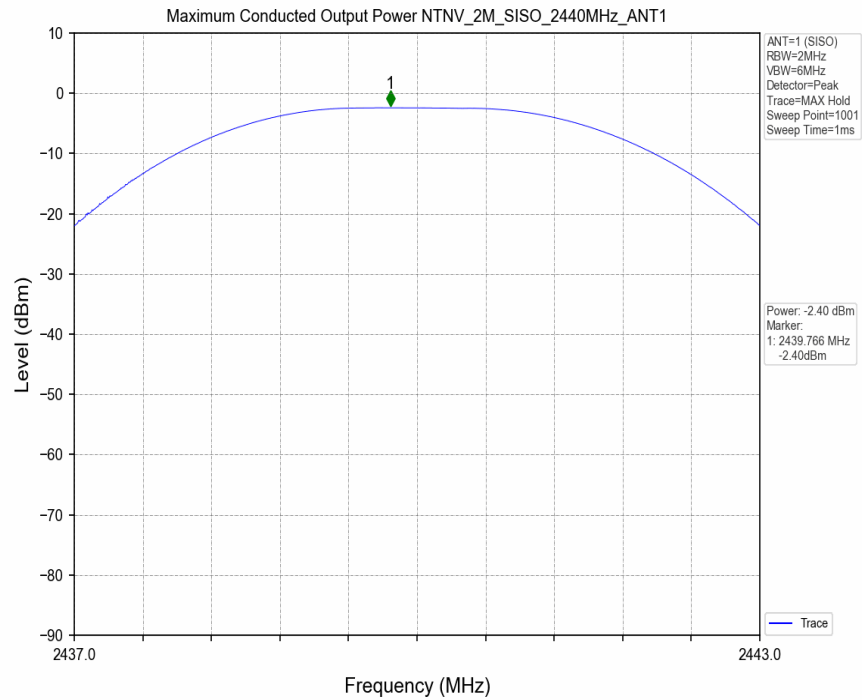
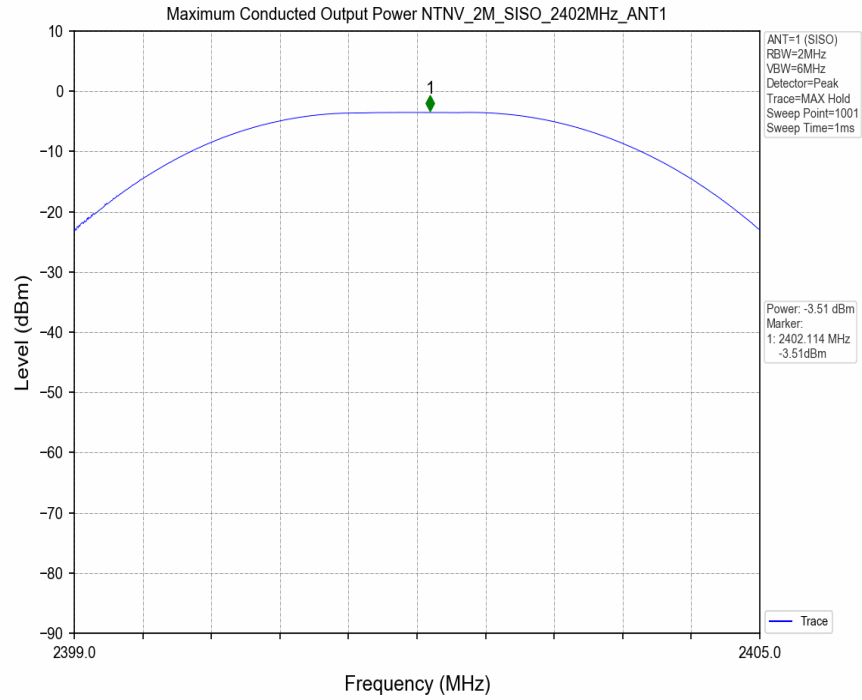
3.1 Test Result

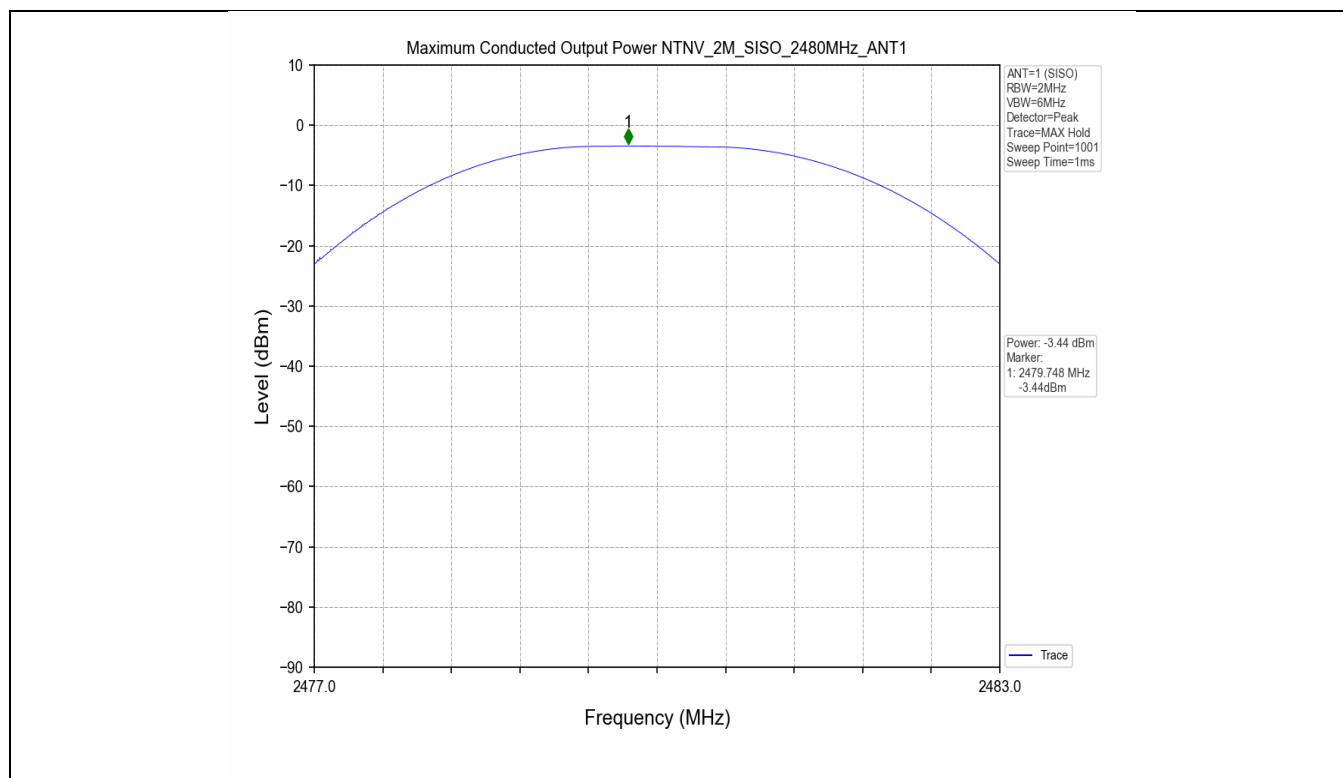
Test Mode	Frequency (MHz)	Tx Type	Measured Peak Output Power (dBm)	Limits (dBm)	Verdict
			Ant 1		
1M	2402	SISO	-3.57	30	PASS
	2440	SISO	-2.48	30	PASS
	2480	SISO	-3.54	30	PASS
2M	2402	SISO	-3.51	30	PASS
	2440	SISO	-2.40	30	PASS
	2480	SISO	-3.44	30	PASS

3.2 Test Graph







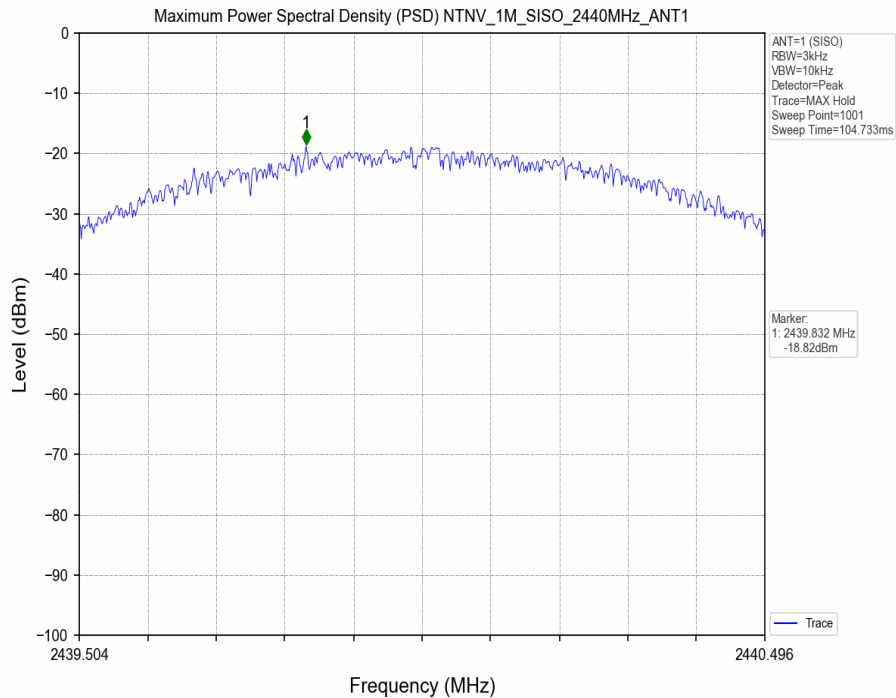
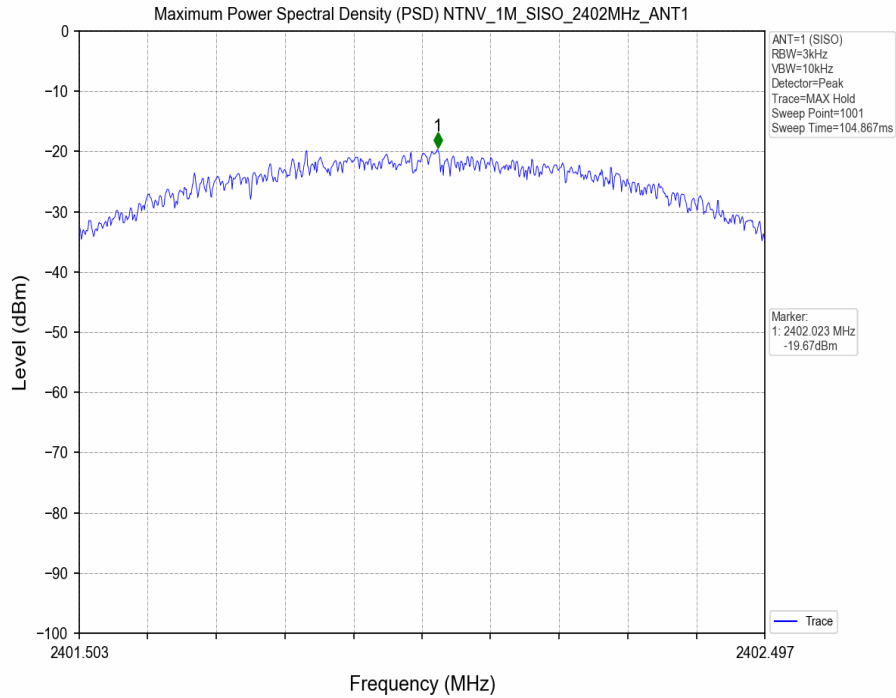


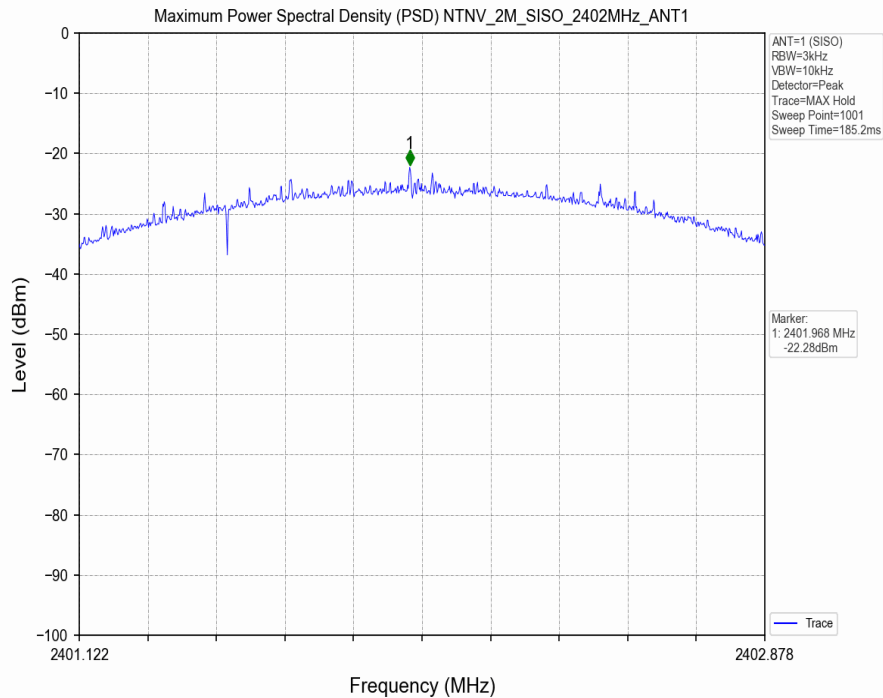
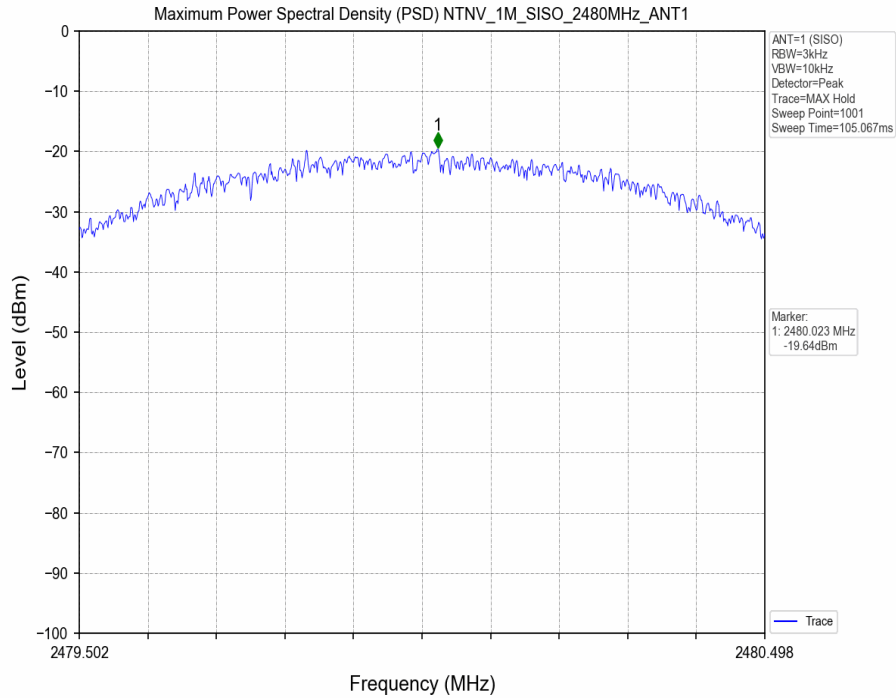
4. Maximum Power Spectral Density (PSD)

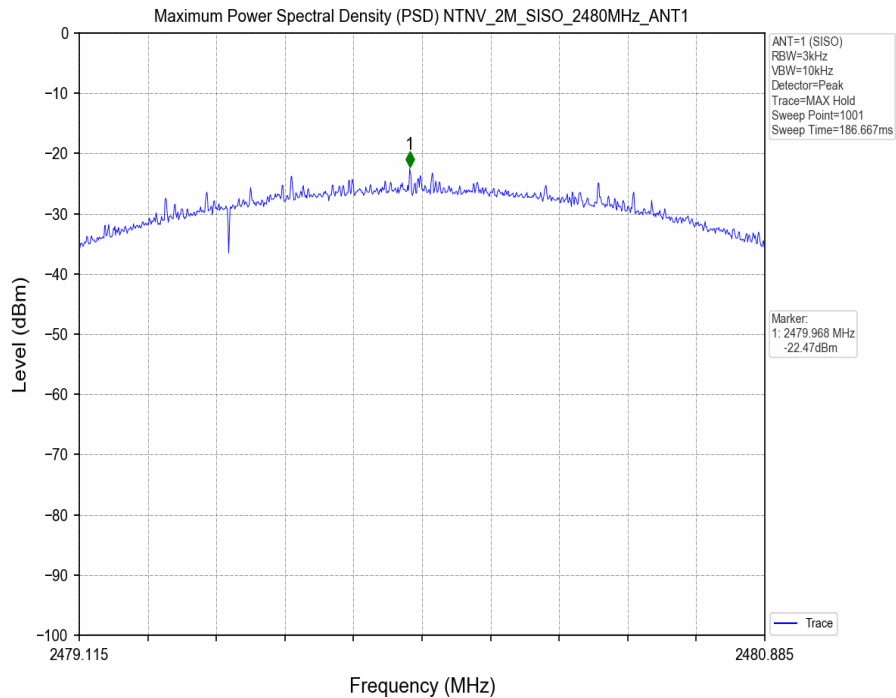
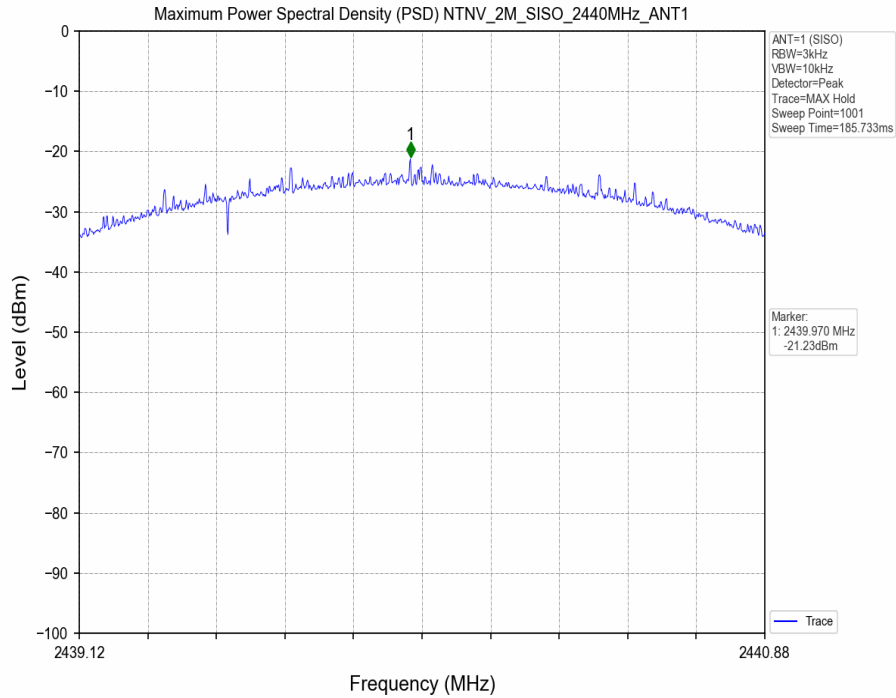
4.1 Test Result

Test Mode	Frequency (MHz)	Tx Type	Maximum Power Spectral Density (dBm/3KHz)	Limits (dBm/3kHz)	Verdict
			Ant 1		
1M	2402	SISO	-19.67	≤8	PASS
	2440	SISO	-18.82	≤8	PASS
	2480	SISO	-19.64	≤8	PASS
2M	2402	SISO	-22.28	≤8	PASS
	2440	SISO	-21.23	≤8	PASS
	2480	SISO	-22.47	≤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	-22.57	PASS
	2440	SISO	1	Refer to test graph	-22.57	PASS
	2480	SISO	1	Refer to test graph	-22.57	PASS
2M	2402	SISO	1	Refer to test graph	-23.08	PASS
	2440	SISO	1	Refer to test graph	-23.08	PASS
	2480	SISO	1	Refer to test graph	-23.08	PASS

5.2 Test Graph

