



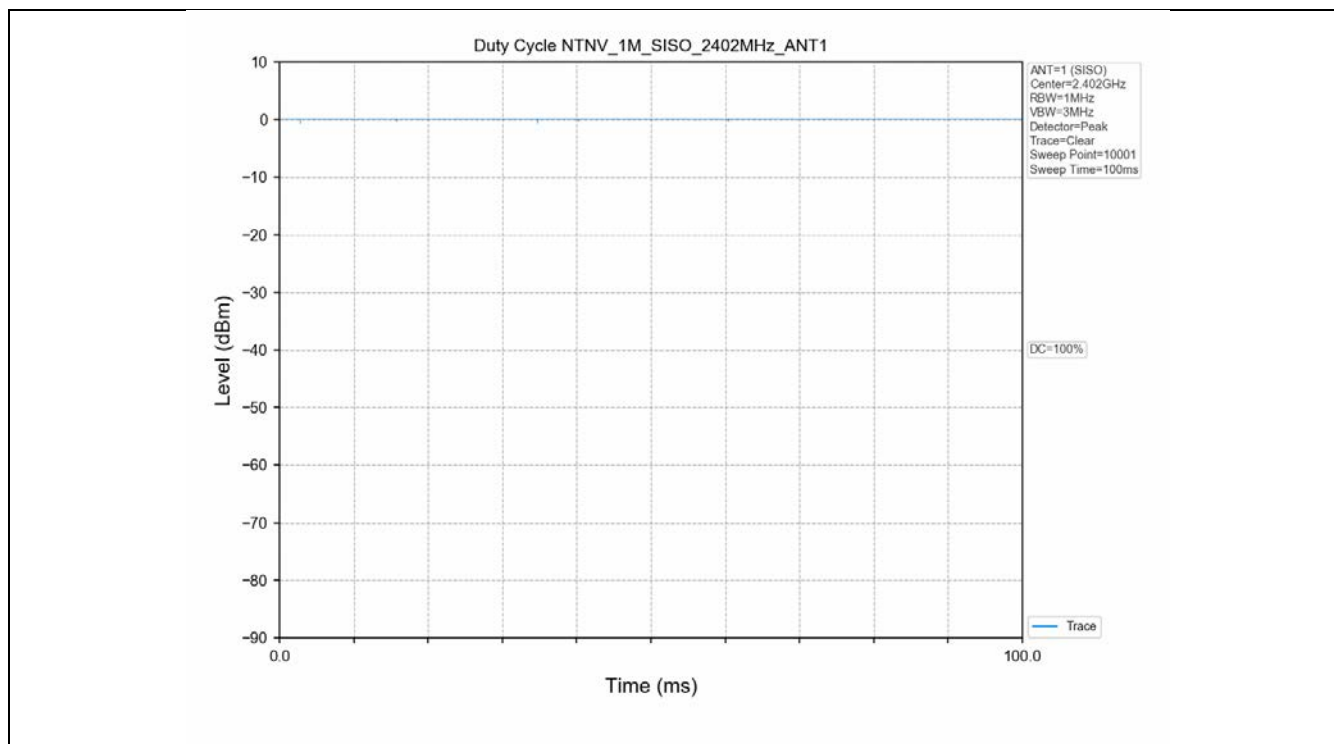
Appendix A for SHEM200900808901

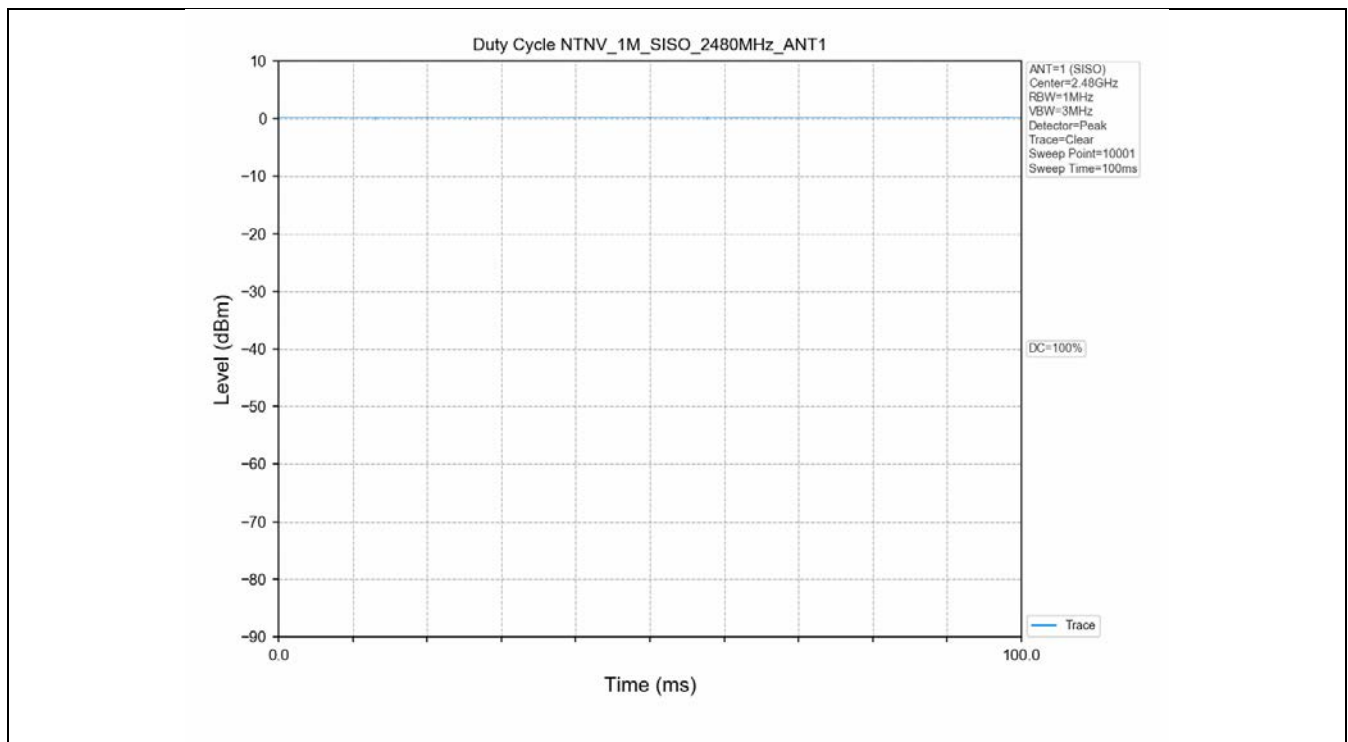
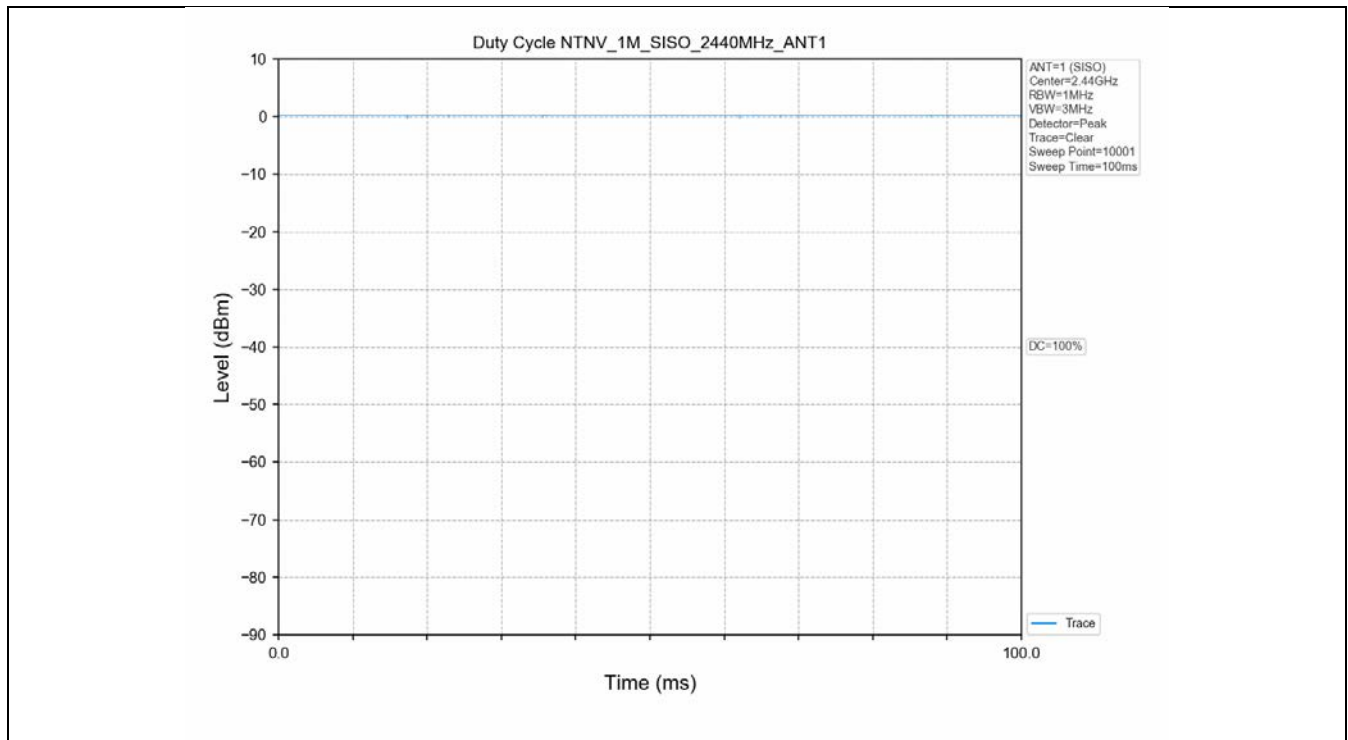
1. Duty Cycle

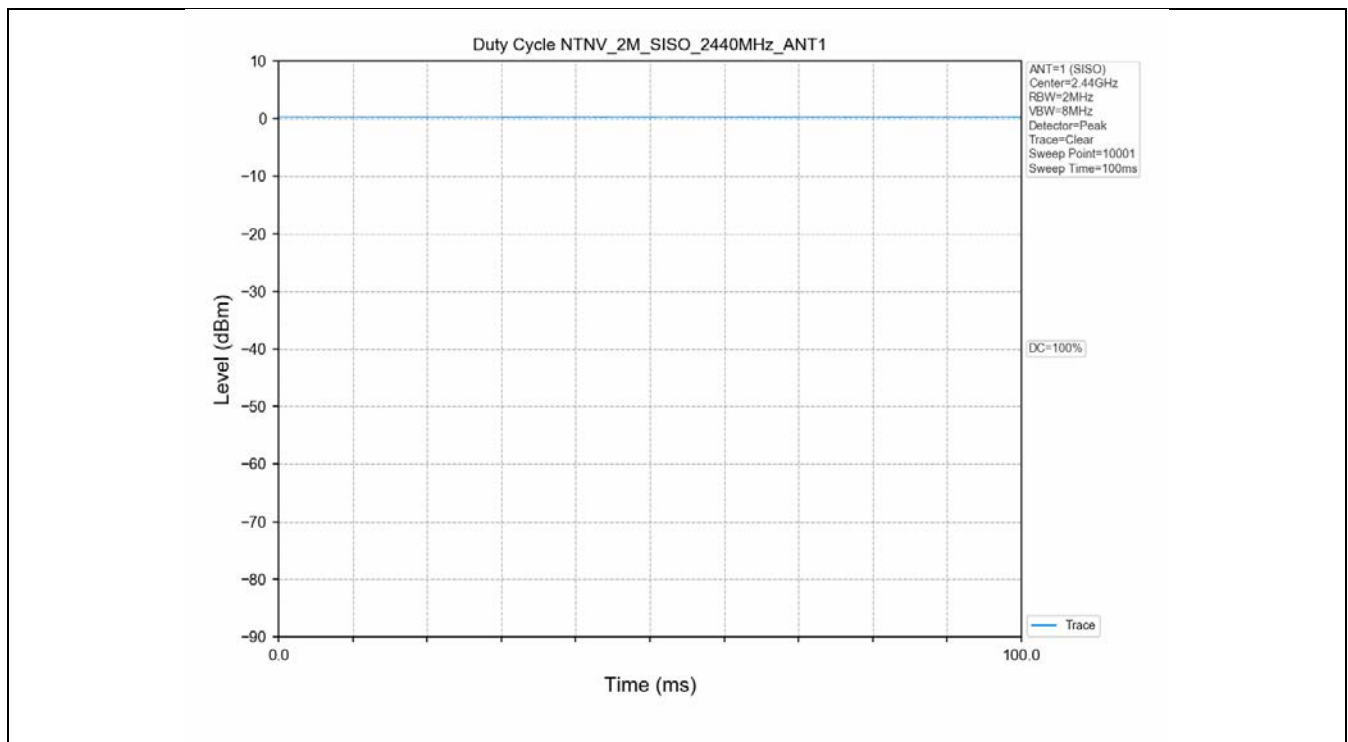
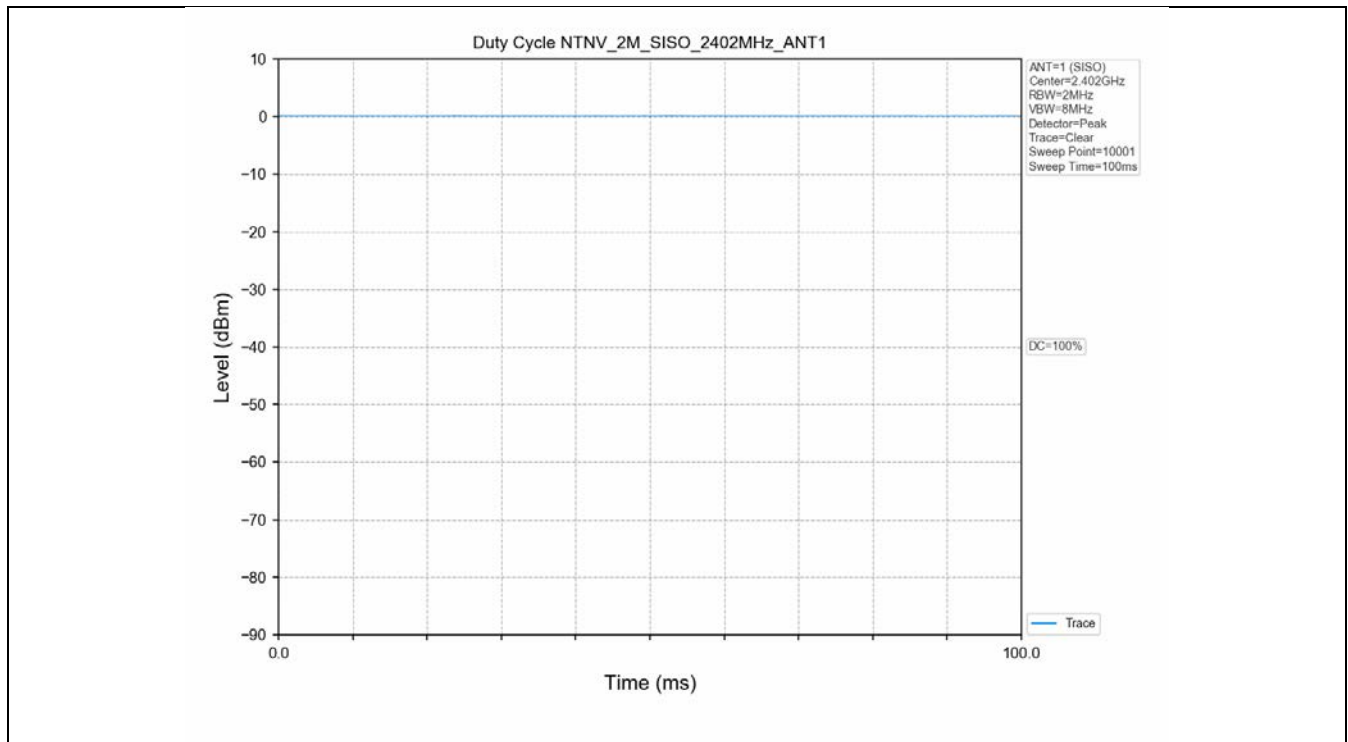
1.1 Test Result

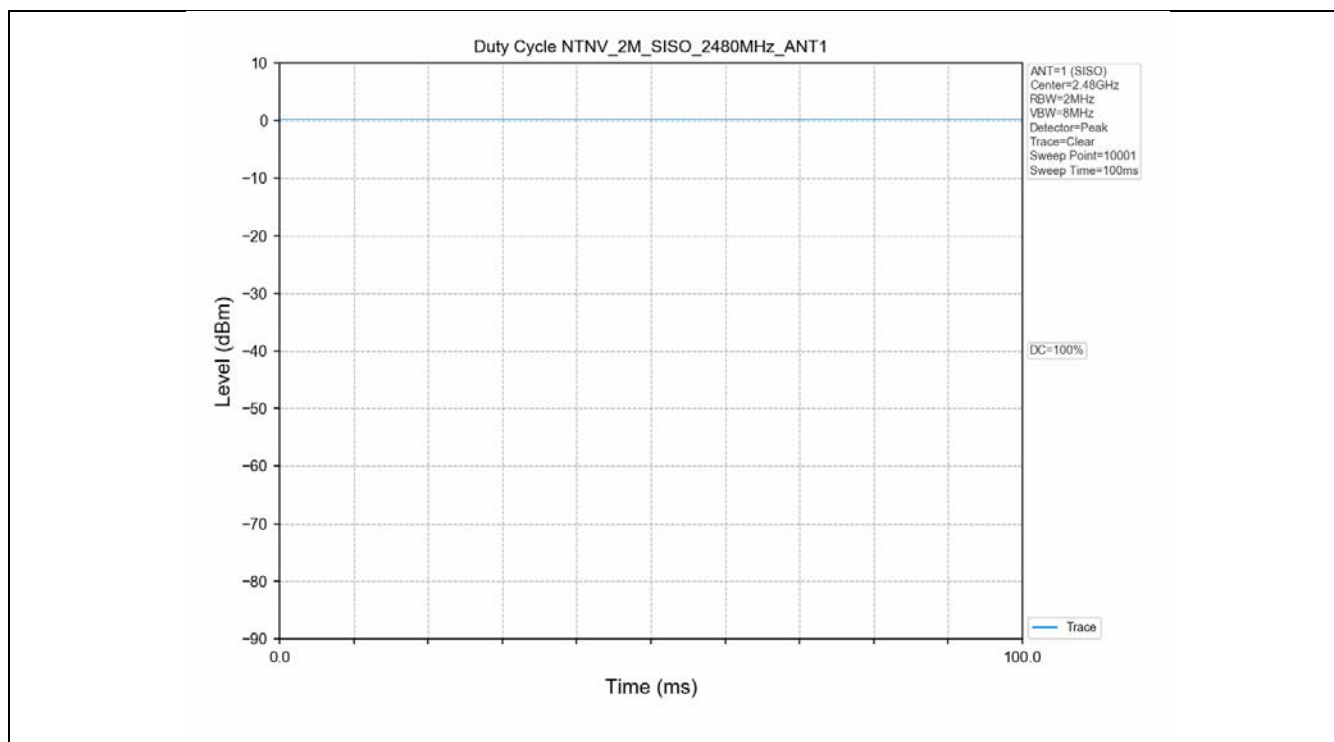
Test Mode	Channel Frequency(MHz)	TX Type	ANT No.	T_on (ms)	Period (ms)	Duty Cycle (%)	Duty Cycle Correction Factor (dB)
1M	2402	SISO	1	100.000	100.000	100.00	0.00
	2440	SISO	1	100.000	100.000	100.00	0.00
	2480	SISO	1	100.000	100.000	100.00	0.00
2M	2402	SISO	1	100.000	100.000	100.00	0.00
	2440	SISO	1	100.000	100.000	100.00	0.00
	2480	SISO	1	100.000	100.000	100.00	0.00

1.2 Test Graph









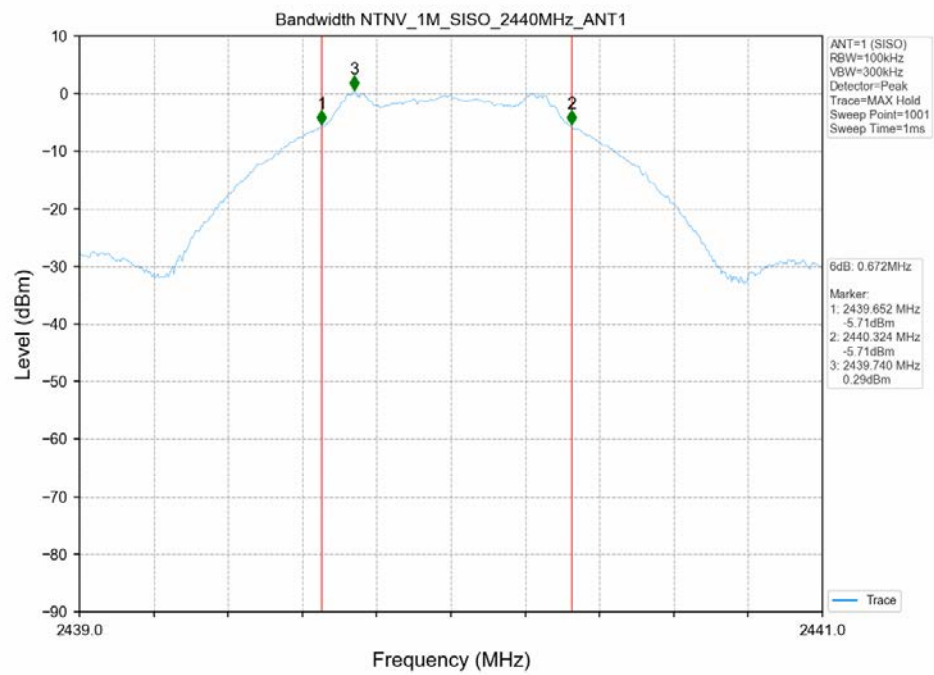
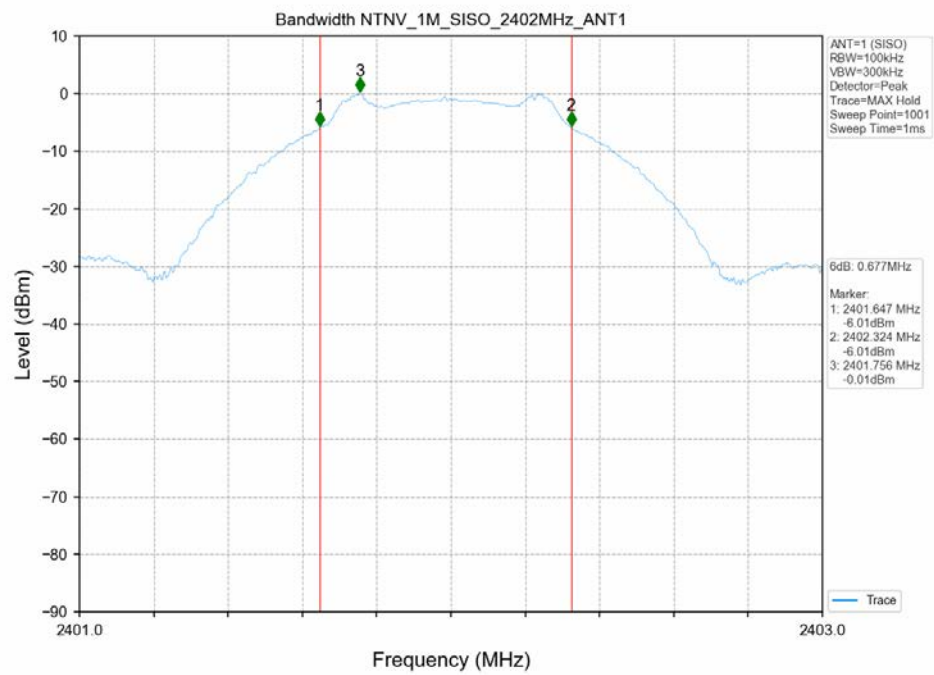
2. Bandwidth

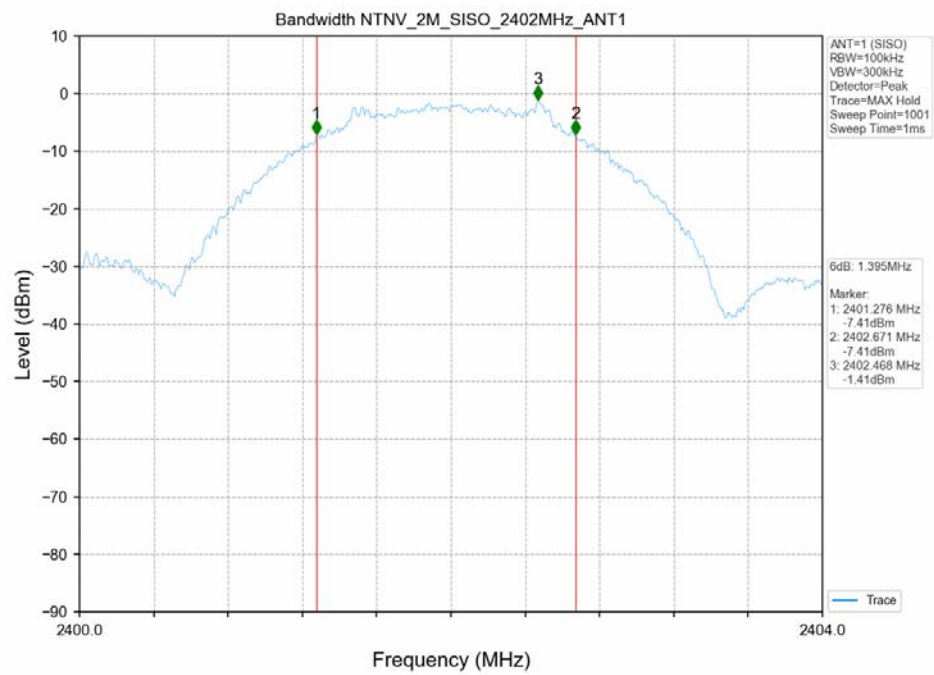
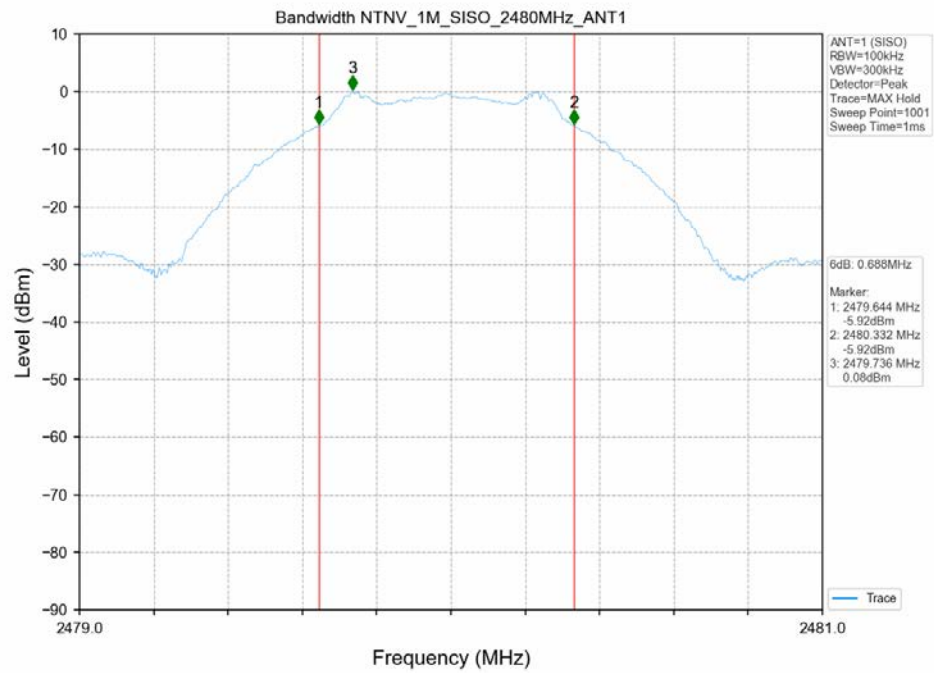
2.1 Test Result

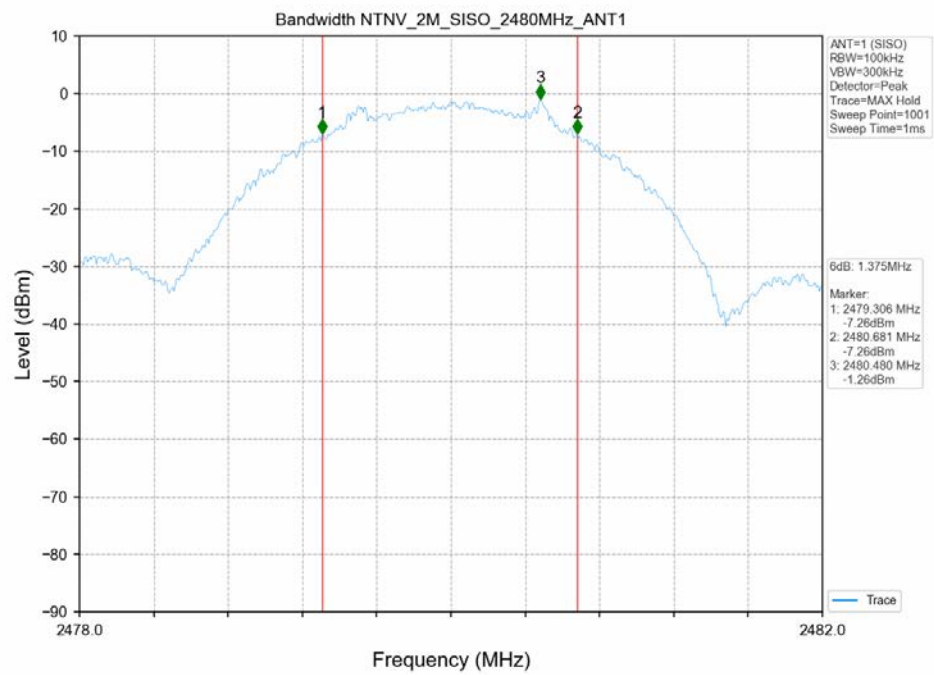
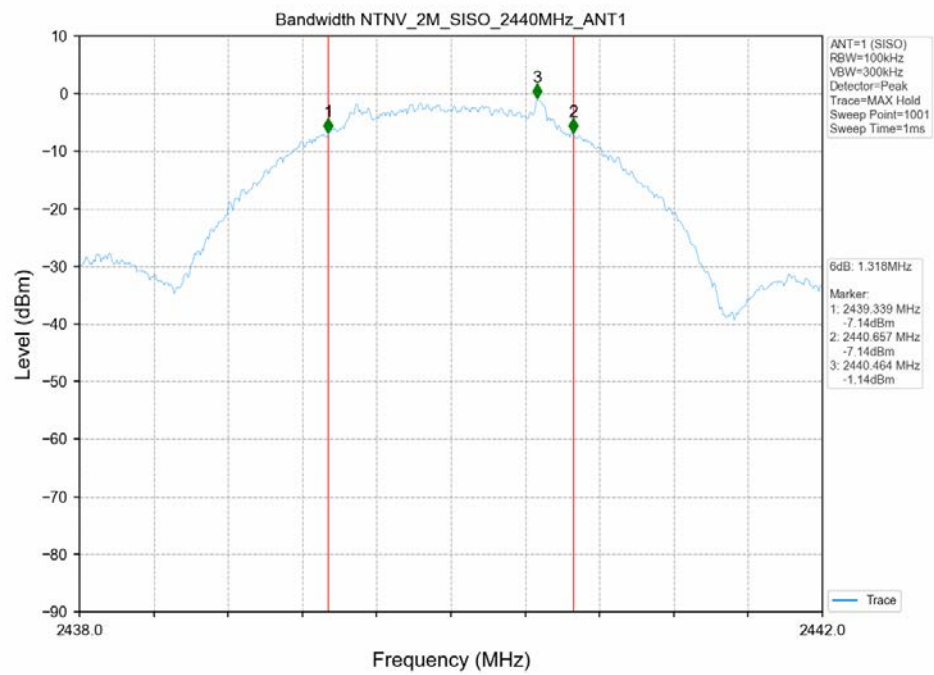
Test Mode	Frequency (MHz)	TX Type	ANT No.	6dB Bandwidth	Verdict
				Test Result (MHz)	
1M	2402	SISO	1	0.677	PASS
	2440	SISO	1	0.672	PASS
	2480	SISO	1	0.688	PASS
2M	2402	SISO	1	1.395	PASS
	2440	SISO	1	1.318	PASS
	2480	SISO	1	1.375	PASS

Test Mode	Frequency (MHz)	TX Type	ANT No.	99% Occupied Bandwidth	
				Test Result (MHz)	
1M	2402	SISO	1	1.043	Only for Report Use
	2440	SISO	1	1.048	Only for Report Use
	2480	SISO	1	1.047	Only for Report Use
2M	2402	SISO	1	2.101	Only for Report Use
	2440	SISO	1	2.086	Only for Report Use
	2480	SISO	1	2.109	Only for Report Use

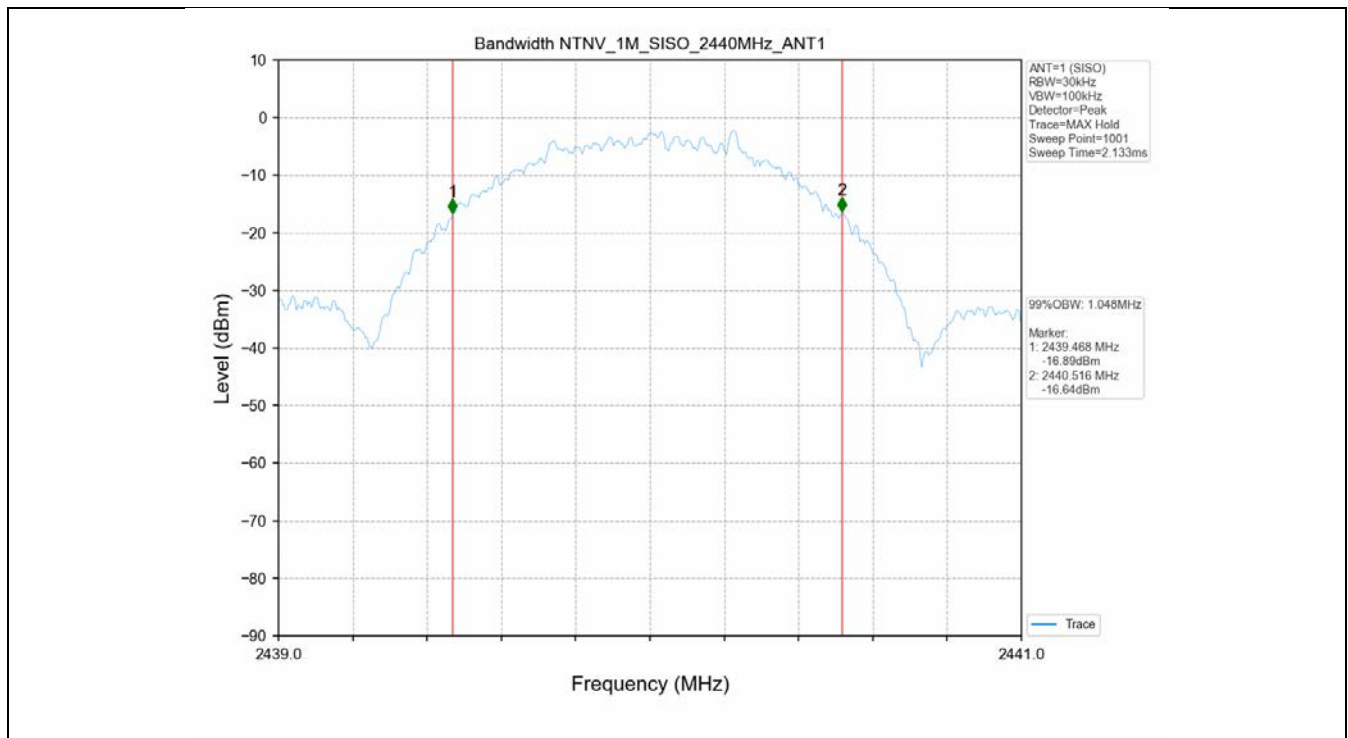
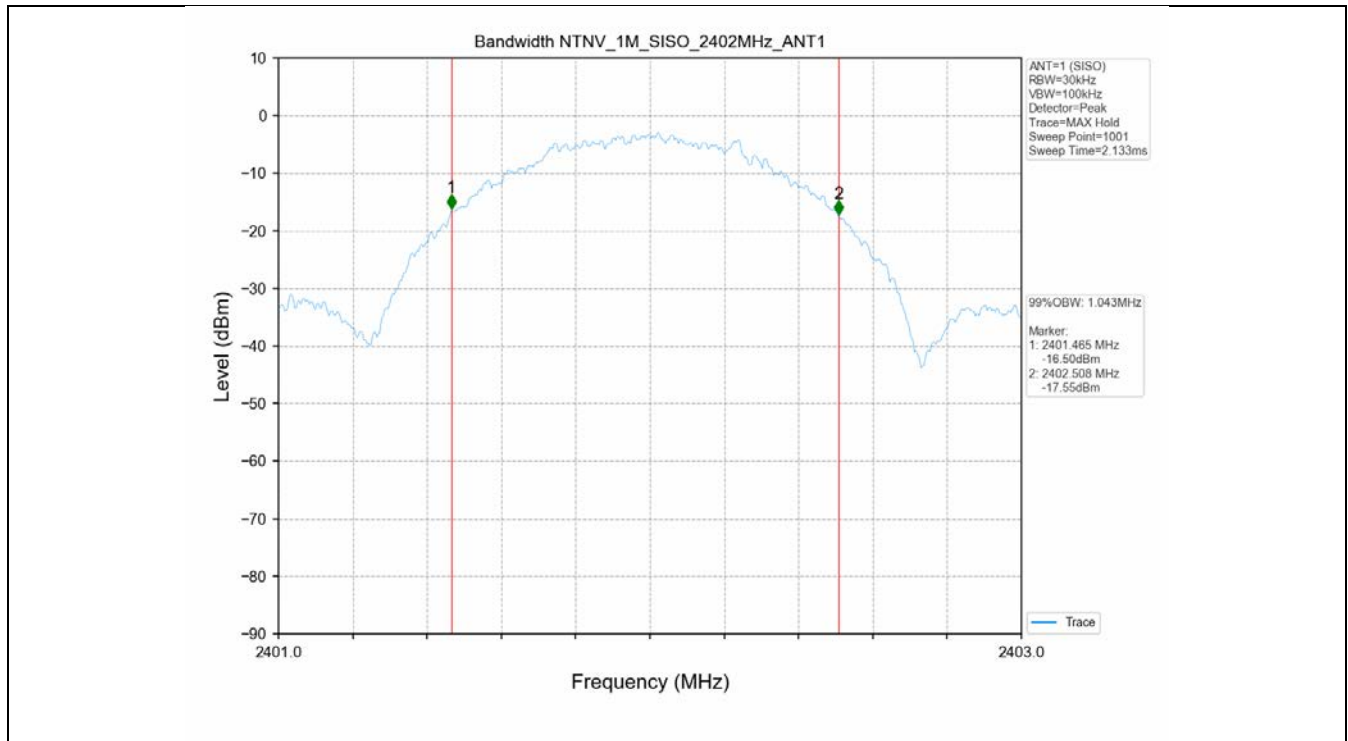
2.2 Test Graph - 6dB Bandwidth

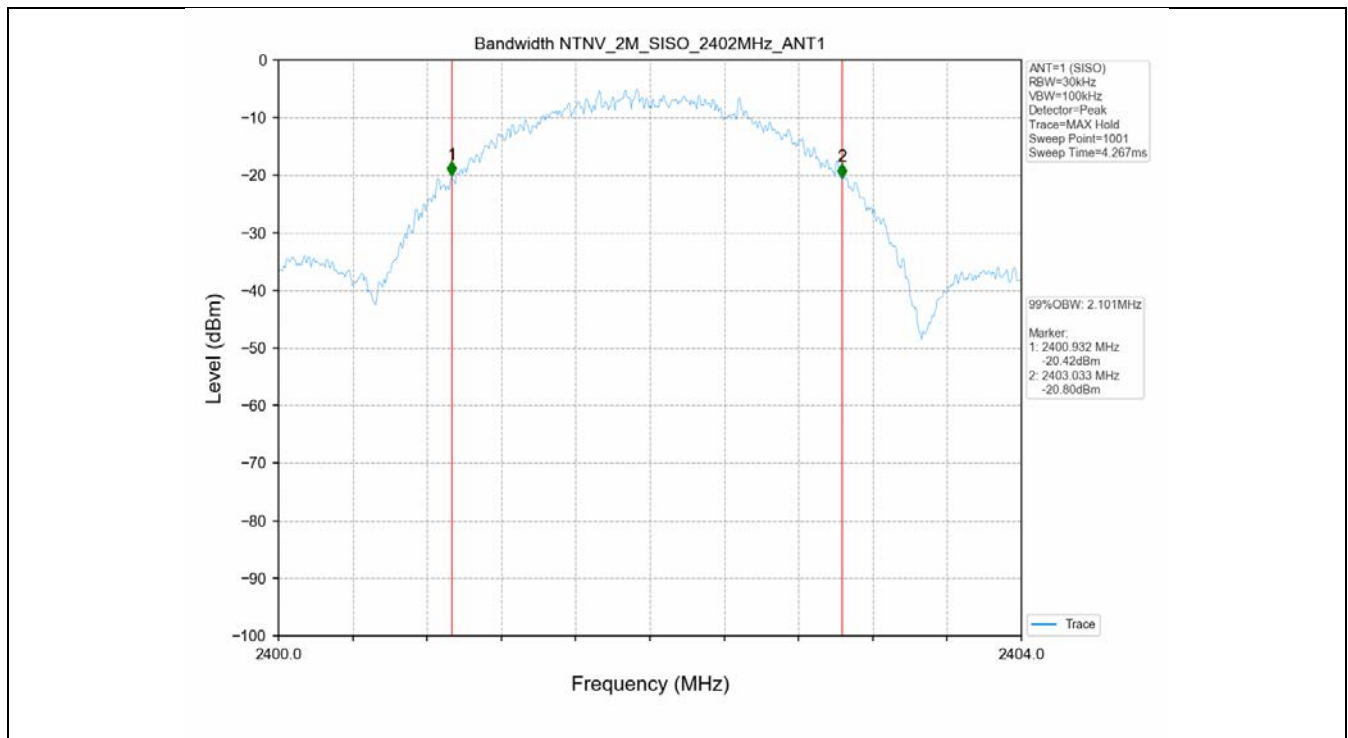
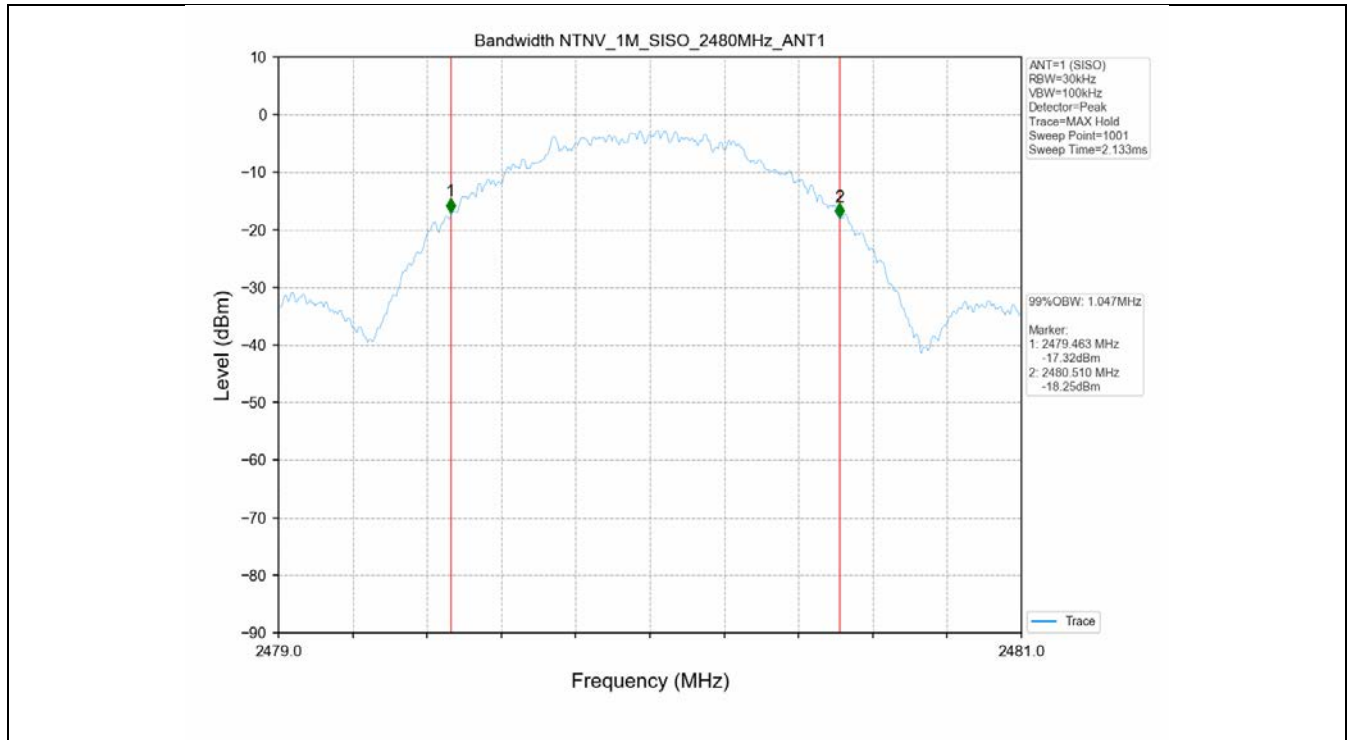


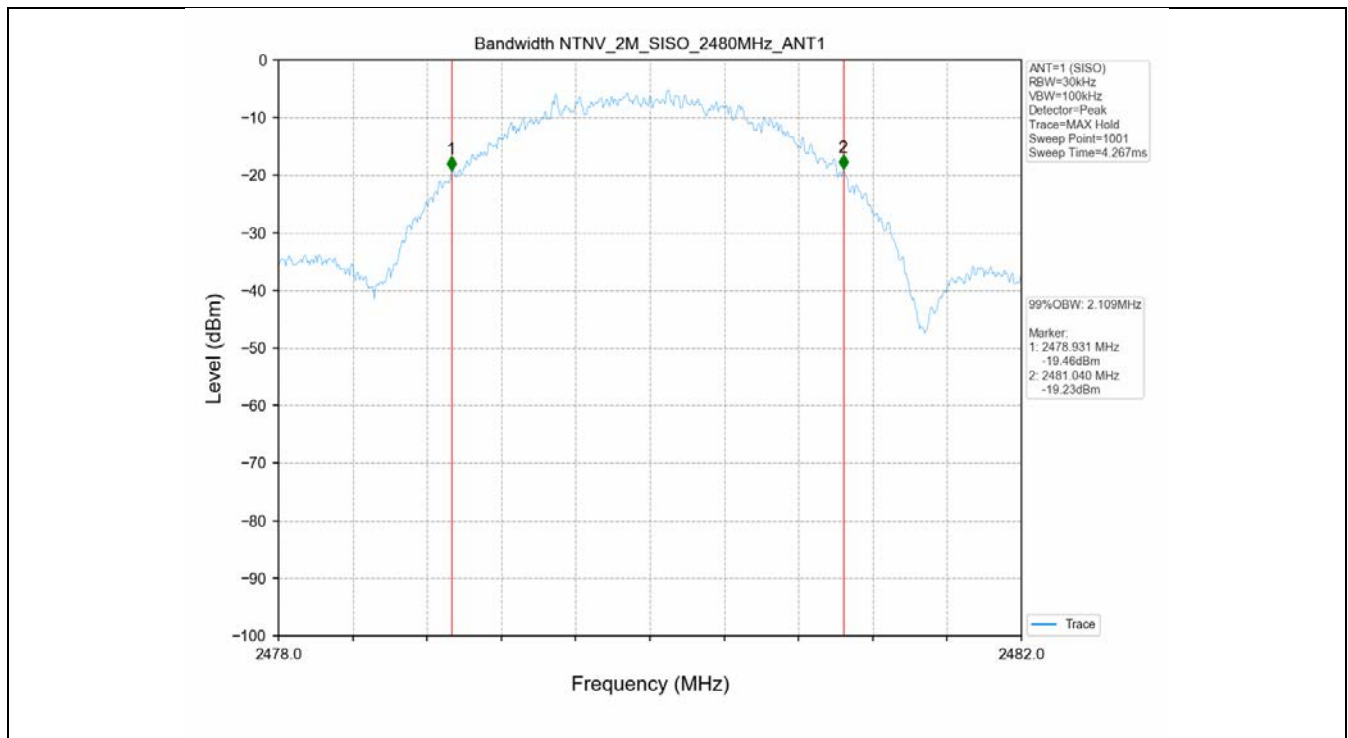
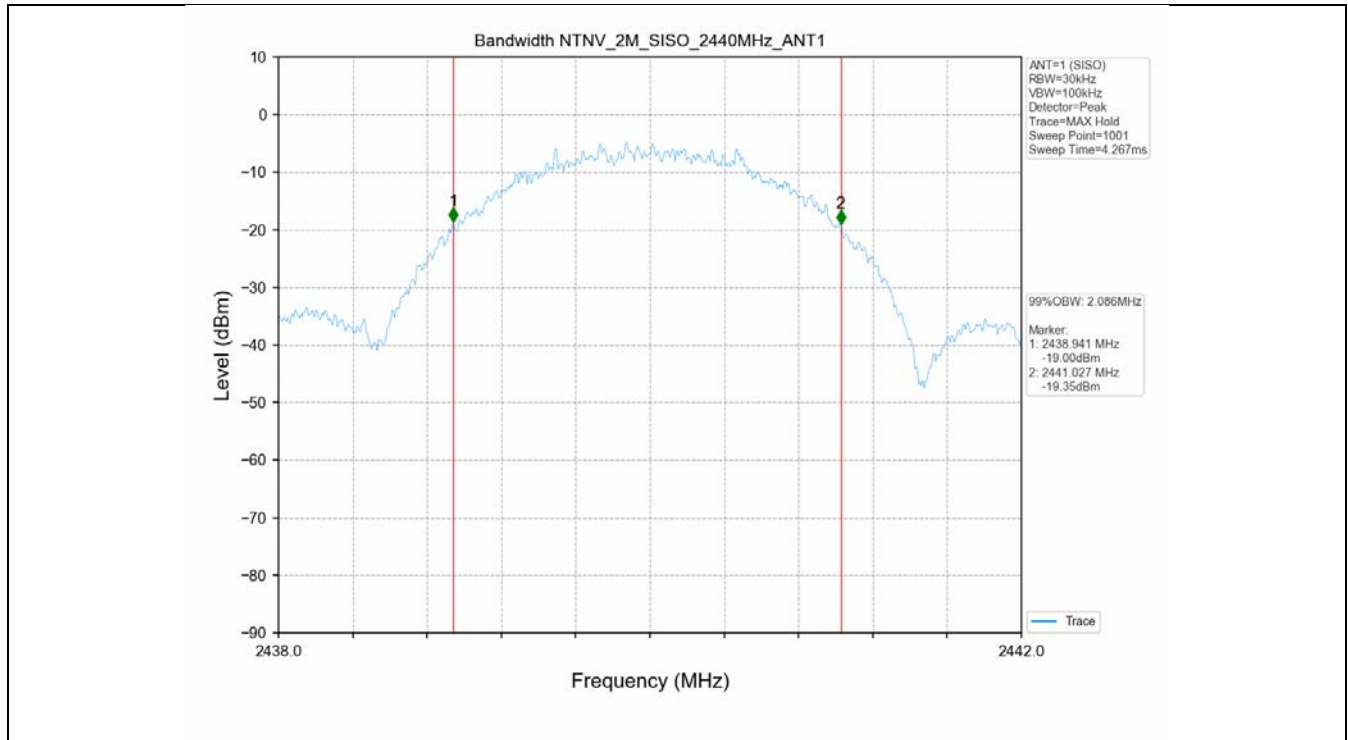




2.3 Test Graph - 99% Occupied Bandwidth







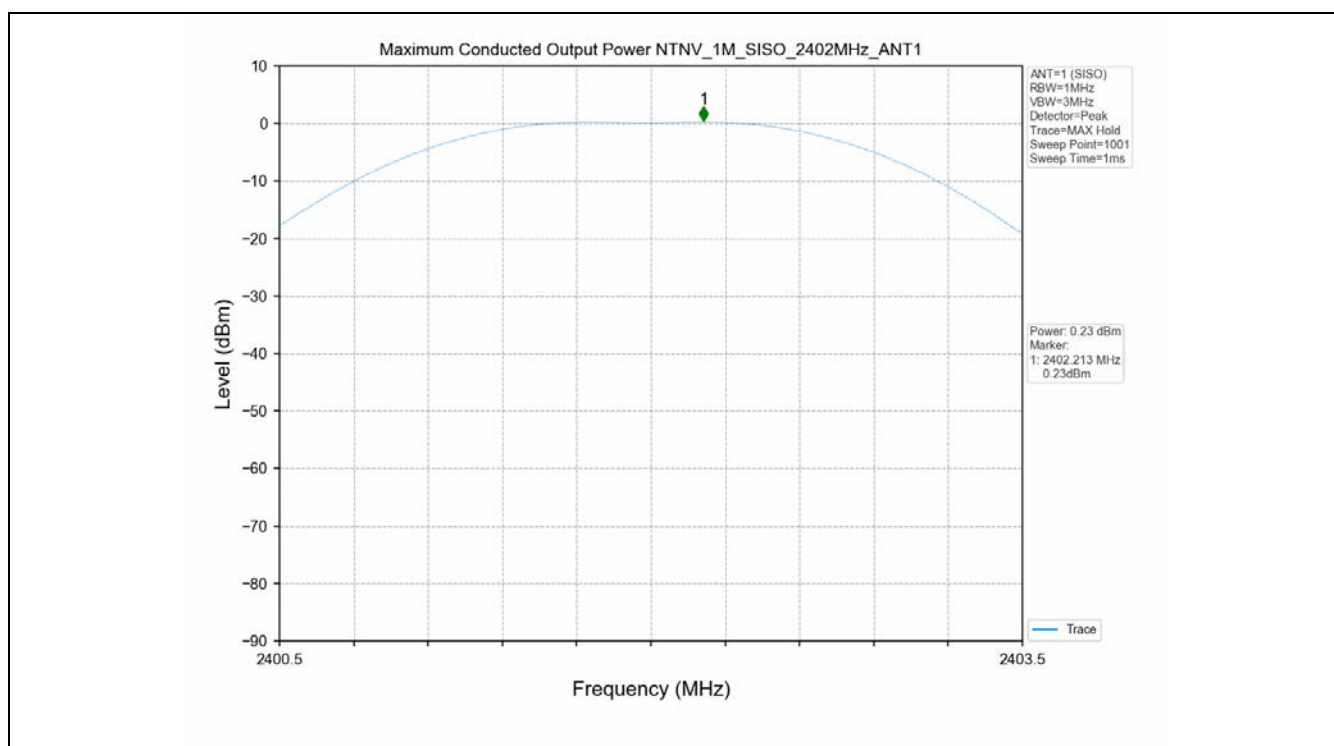


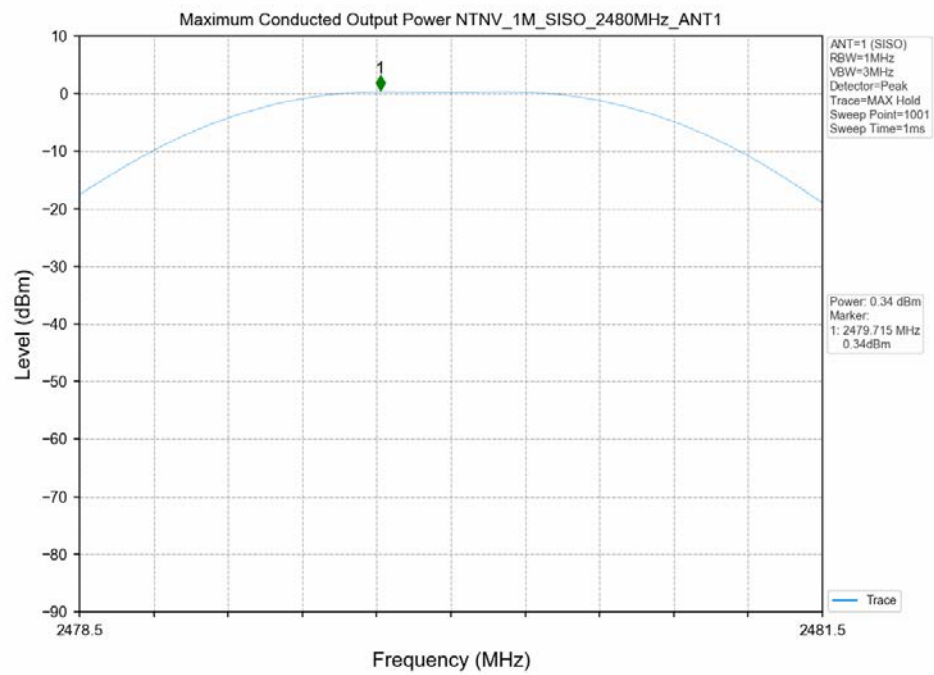
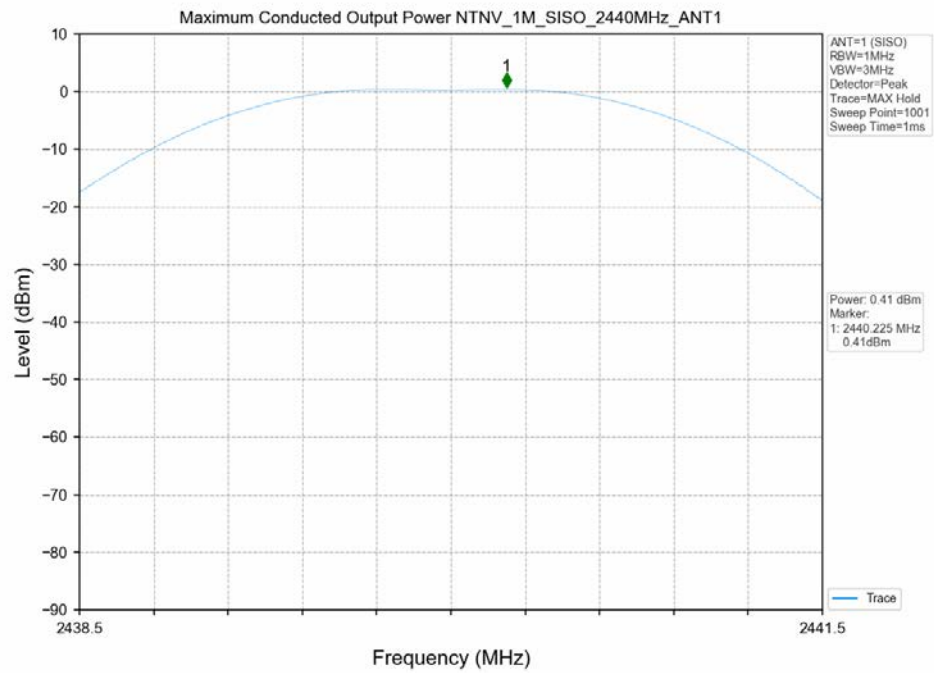
3. Maximum Conducted Output Power

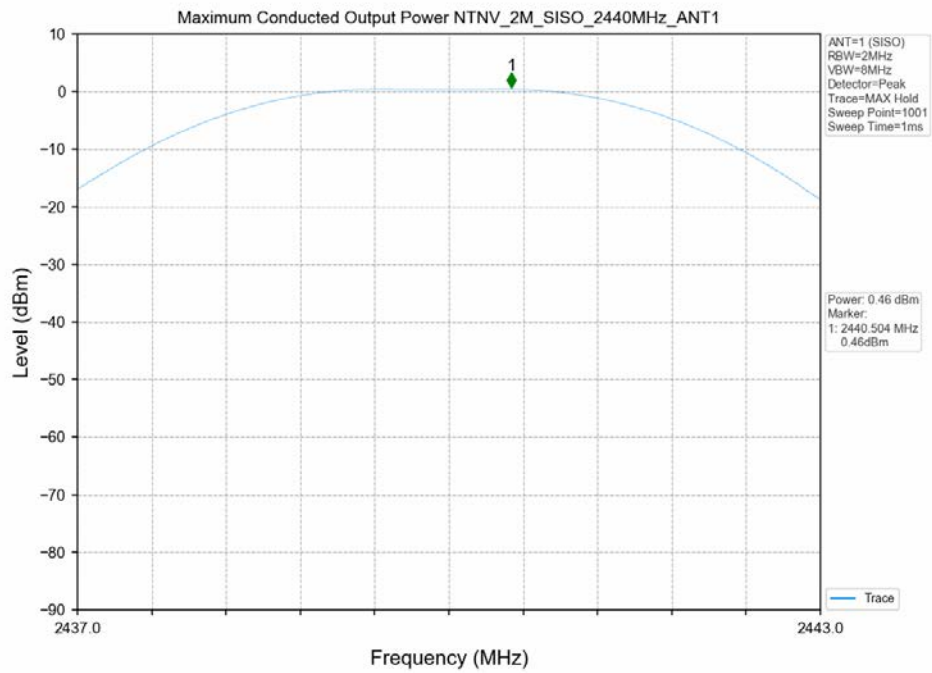
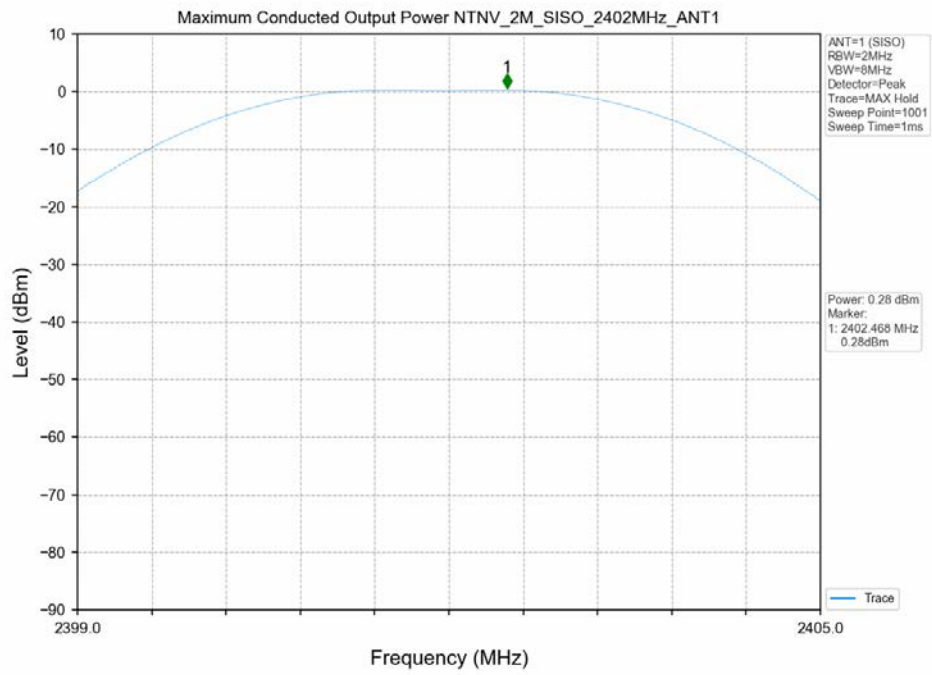
3.1 Test Result

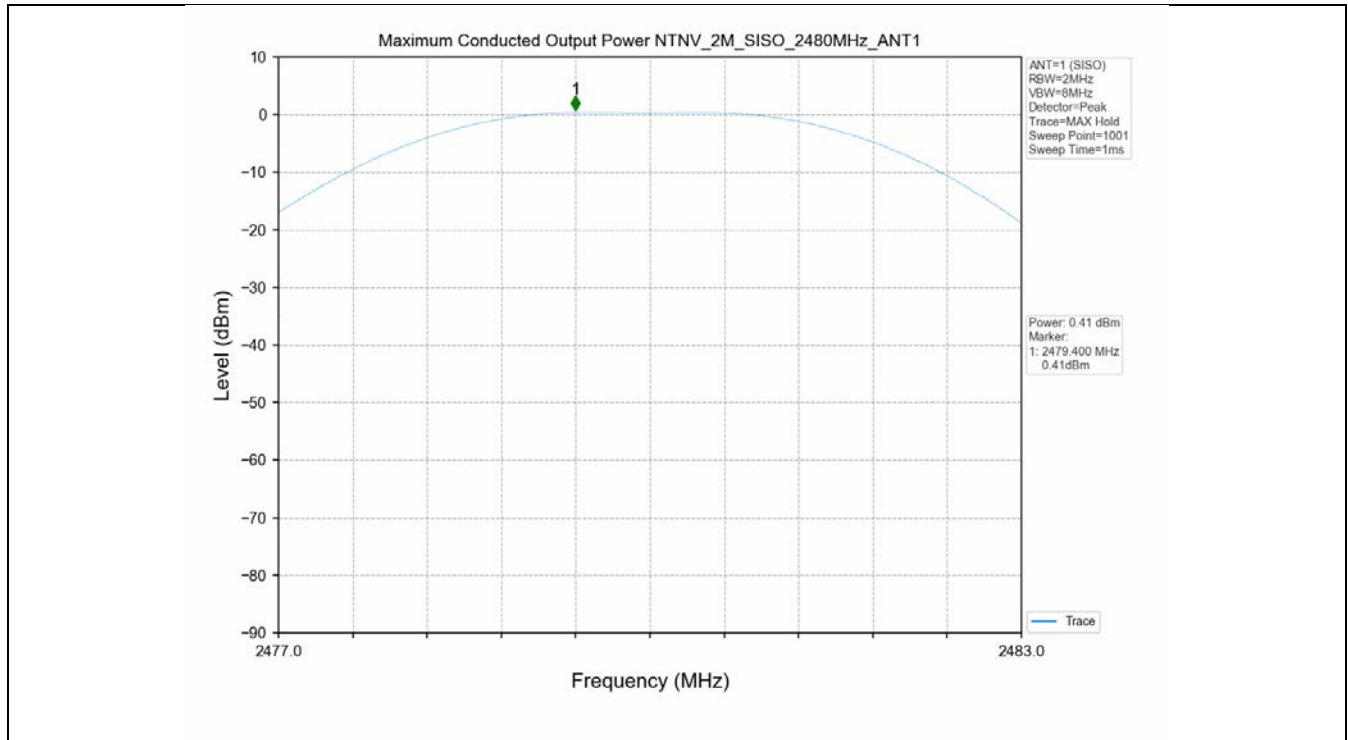
Test Mode	Frequency (MHz)	Tx Type	Measured Peak Output Power (dBm)	Limits (dBm)	Verdict
			Ant 1		
1M	2402	SISO	0.23	30	PASS
	2440	SISO	0.41	30	PASS
	2480	SISO	0.34	30	PASS
2M	2402	SISO	0.28	30	PASS
	2440	SISO	0.46	30	PASS
	2480	SISO	0.41	30	PASS

3.2 Test Graph







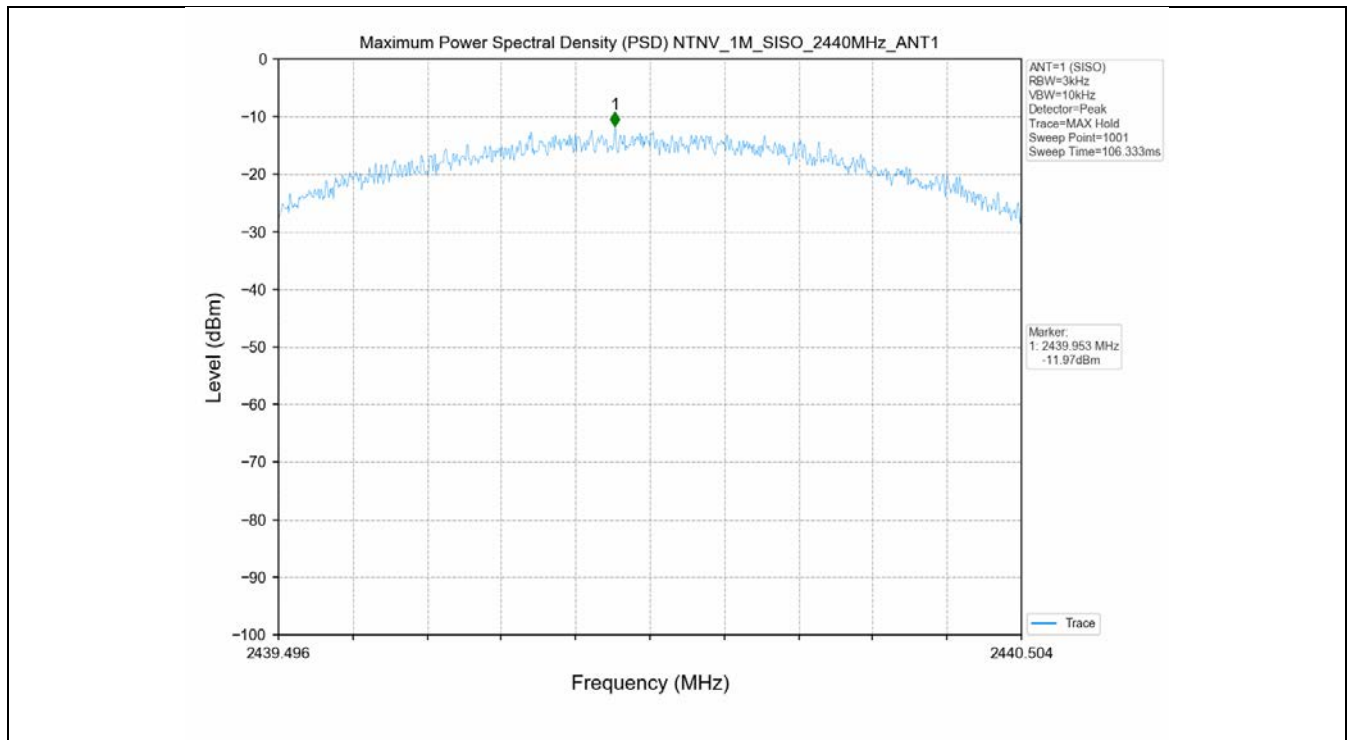
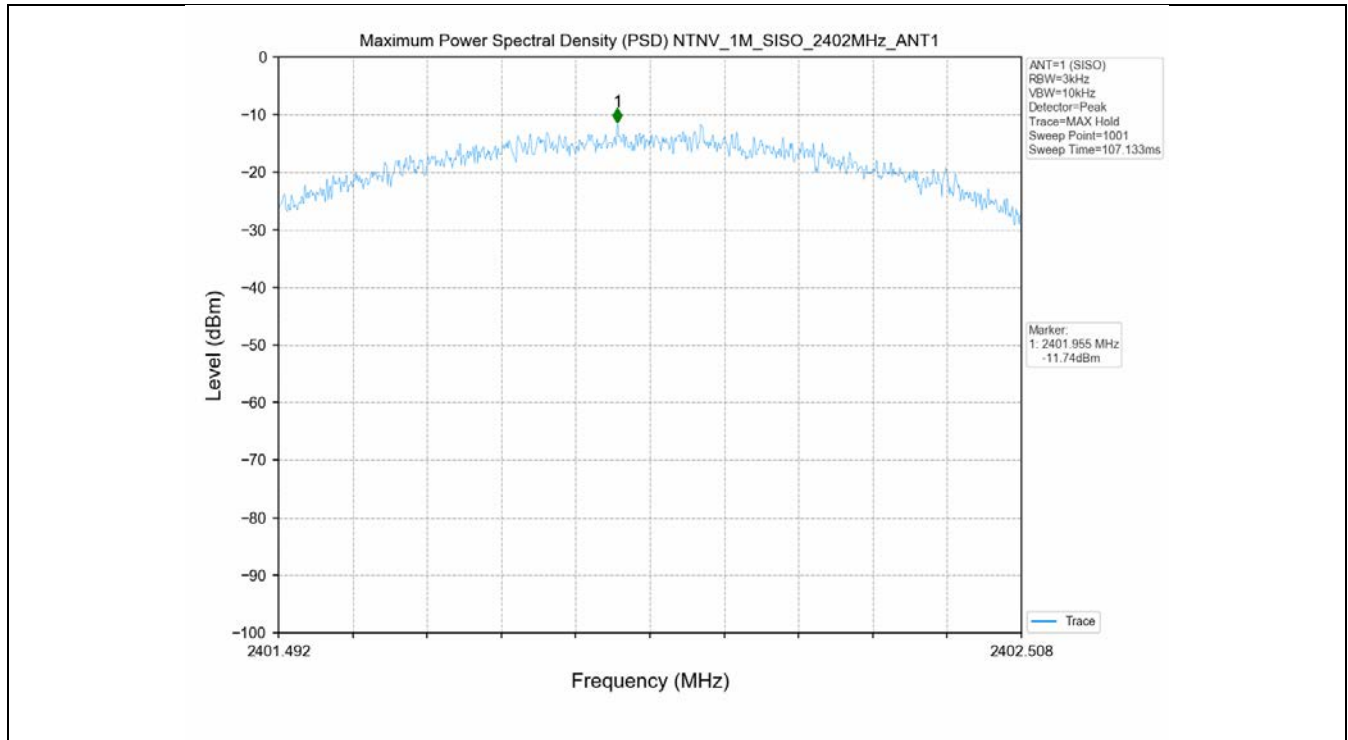


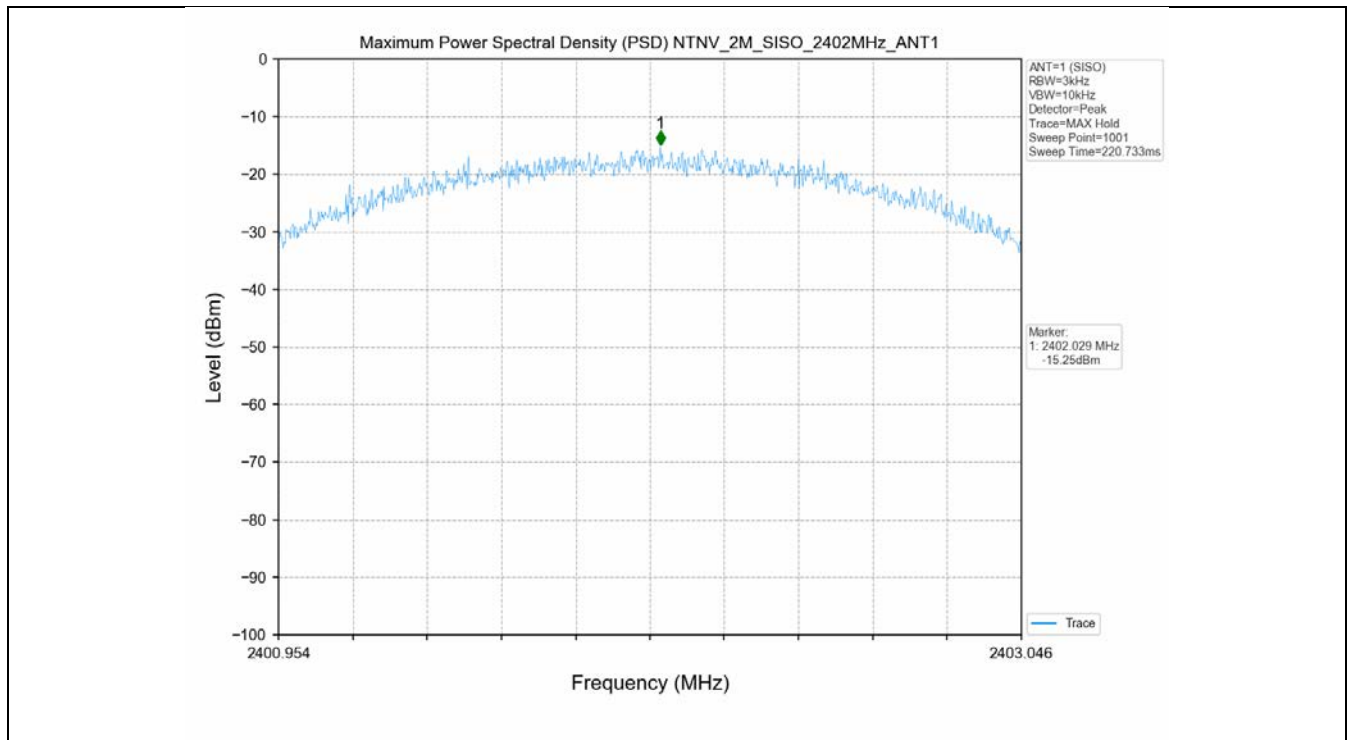
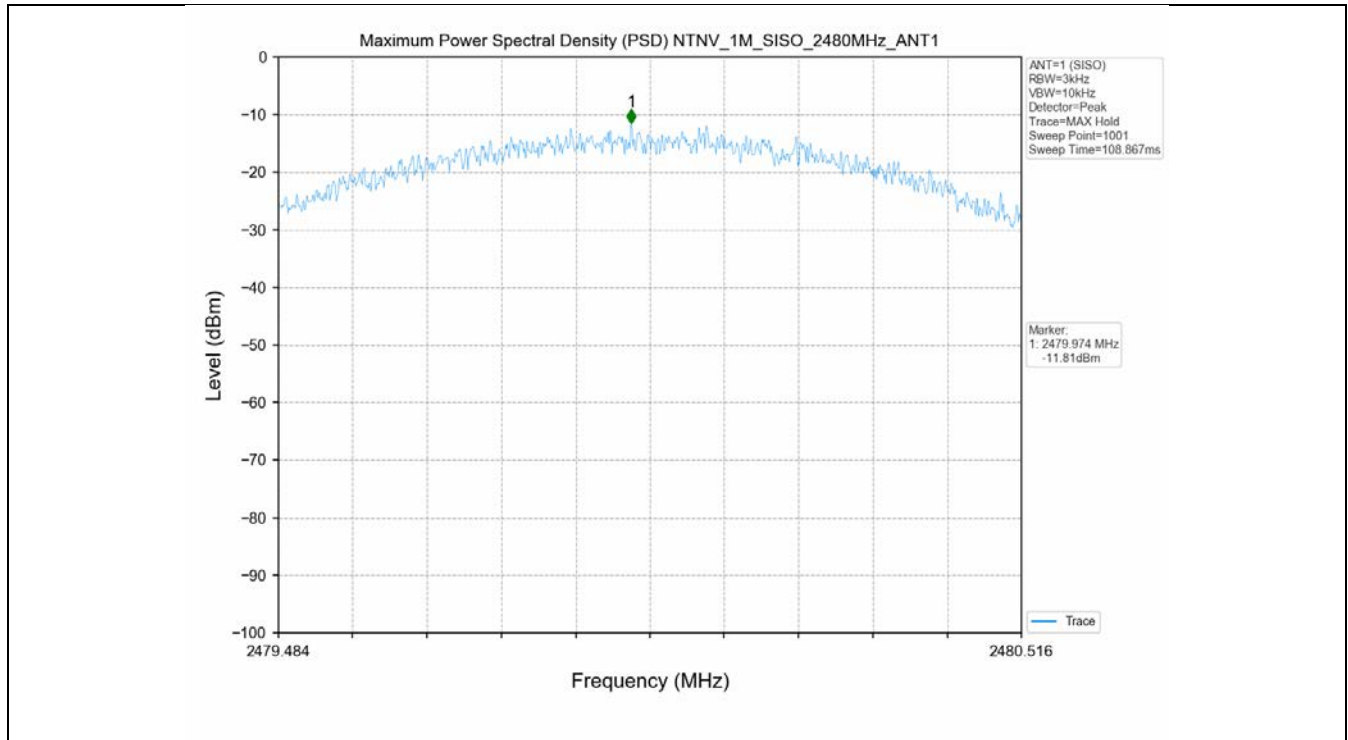
4. Maximum Power Spectral Density (PSD)

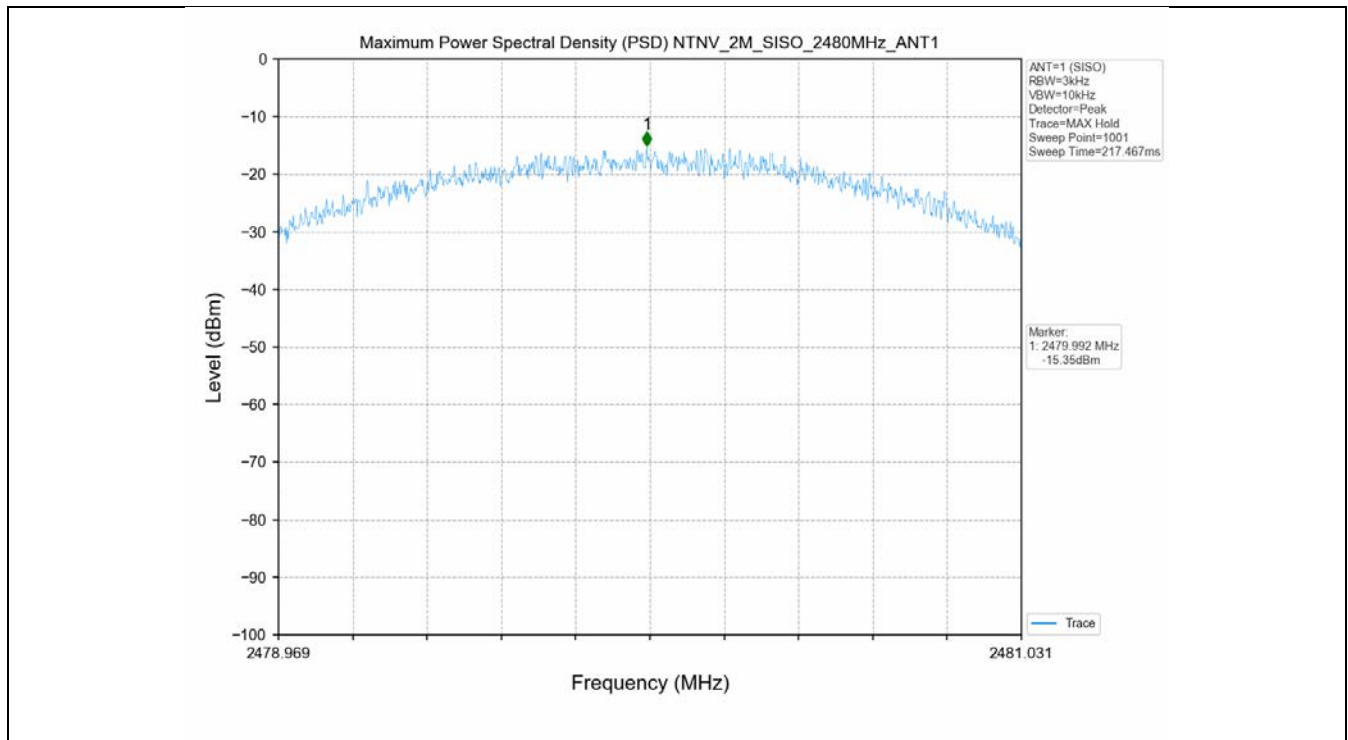
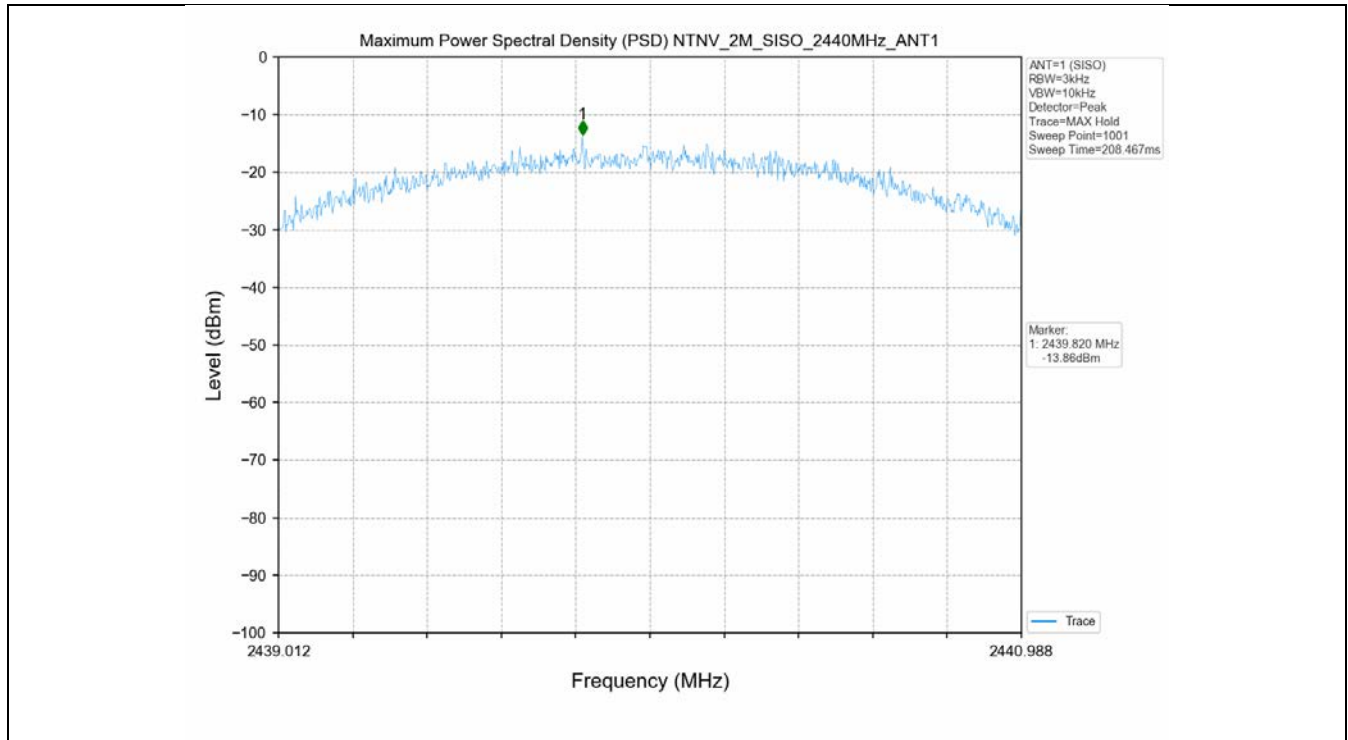
4.1 Test Result

Test Mode	Frequency (MHz)	Tx Type	Maximum Power Spectral Density (dBm/3KHz)	Limits (dBm/3kHz)	Verdict
			Ant 1		
1M	2402	SISO	-11.74	≤8	PASS
	2440	SISO	-11.97	≤8	PASS
	2480	SISO	-11.81	≤8	PASS
2M	2402	SISO	-15.25	≤8	PASS
	2440	SISO	-13.86	≤8	PASS
	2480	SISO	-15.35	≤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	-19.70	PASS
	2440	SISO	1	Refer to test graph	-19.70	PASS
	2480	SISO	1	Refer to test graph	-19.70	PASS
2M	2402	SISO	1	Refer to test graph	-21.14	PASS
	2440	SISO	1	Refer to test graph	-21.14	PASS
	2480	SISO	1	Refer to test graph	-21.14	PASS

5.2 Test Graph

