

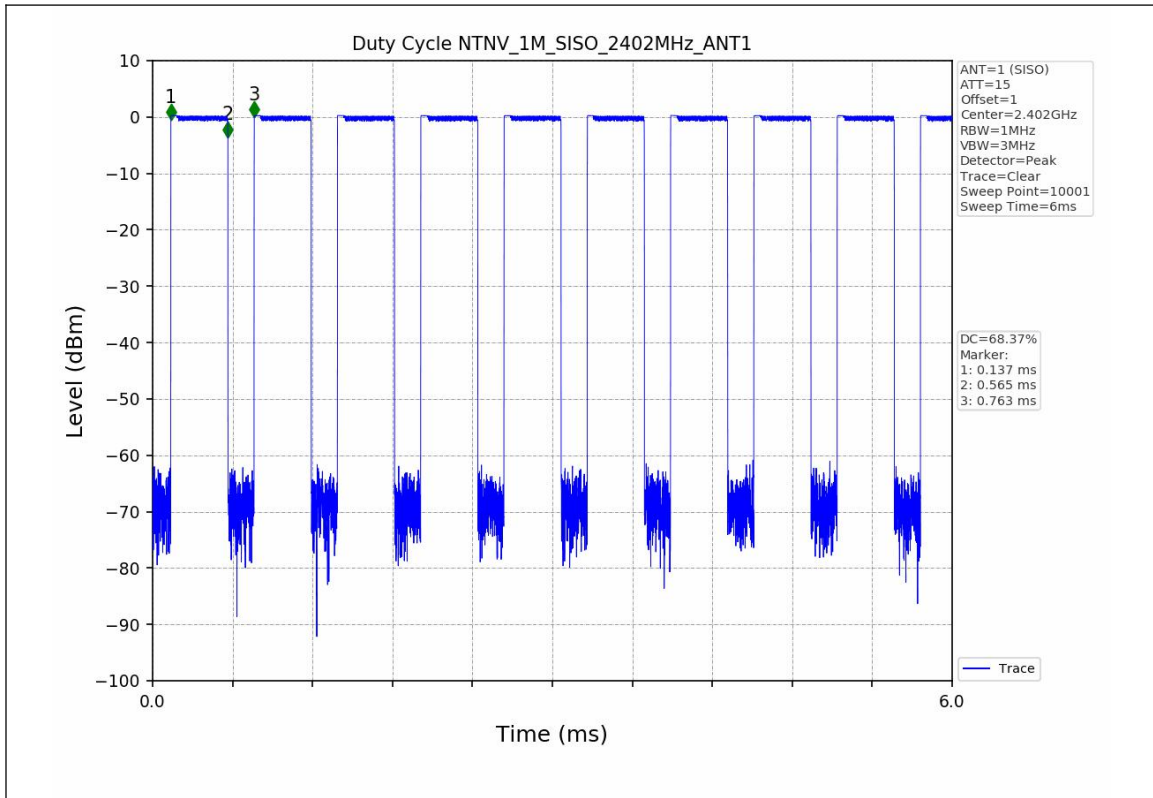
Appendix for 15.247

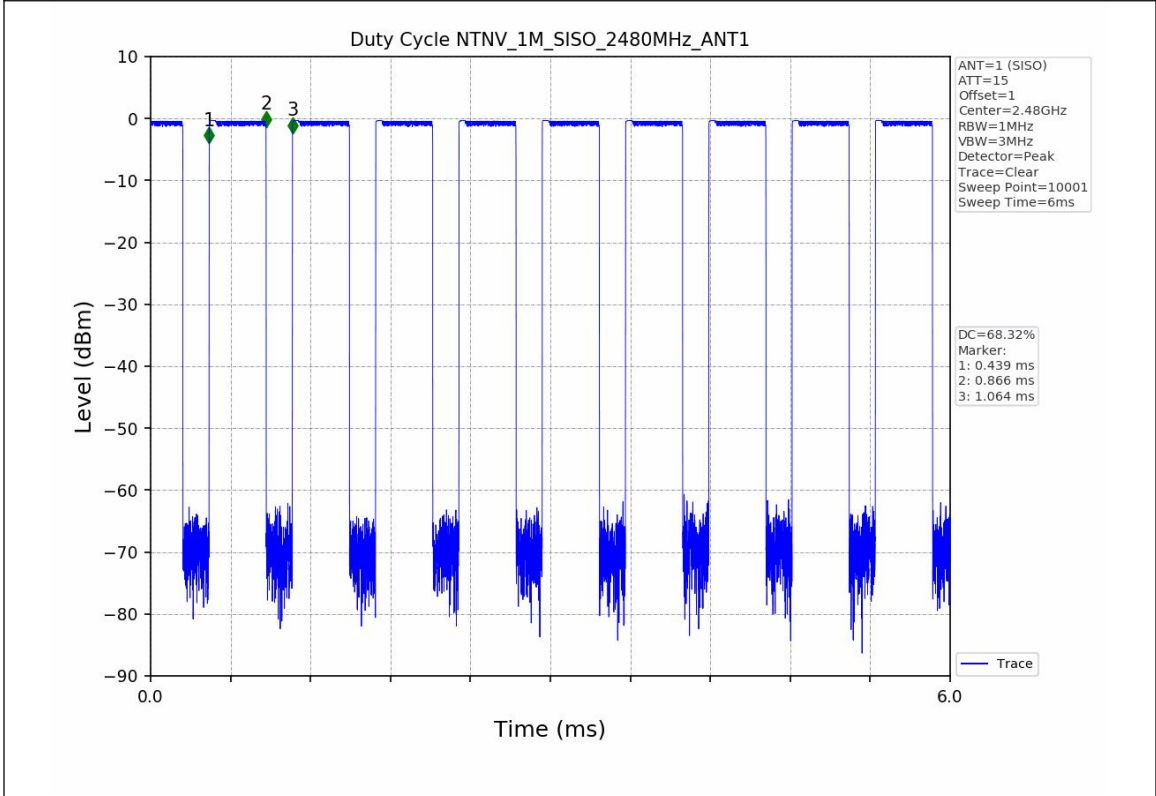
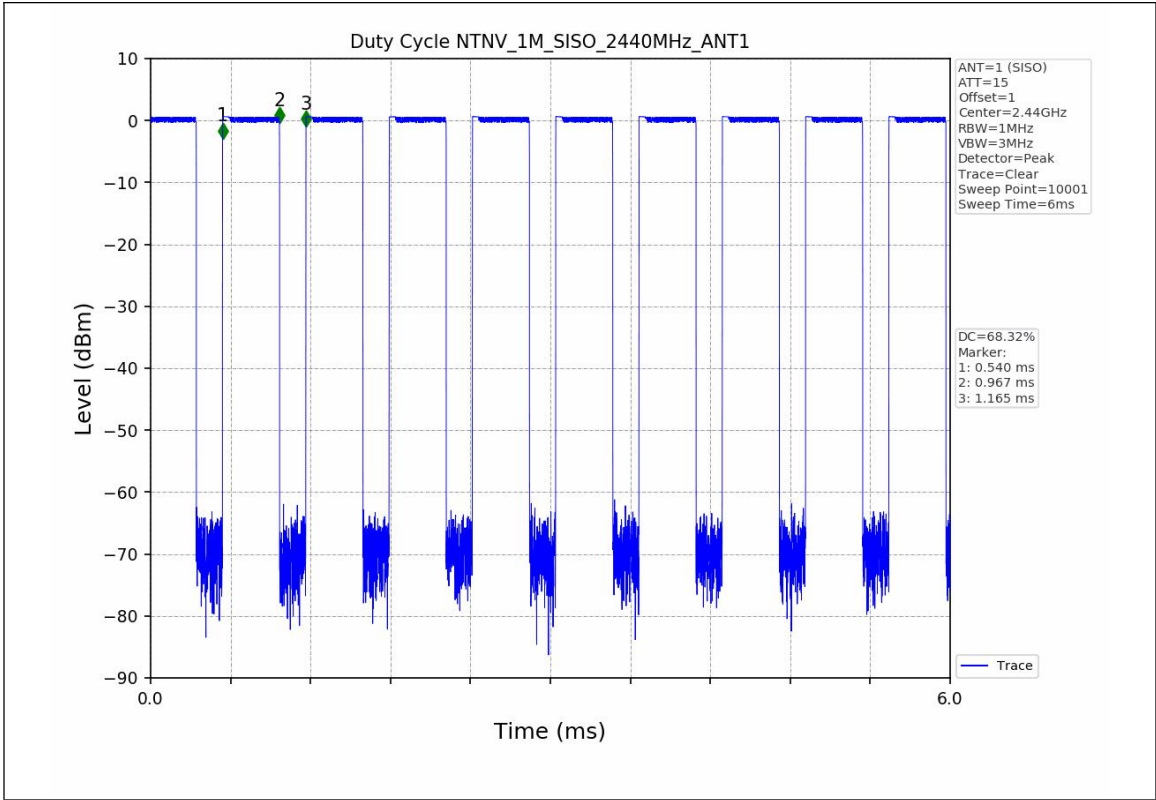
1. Duty Cycle

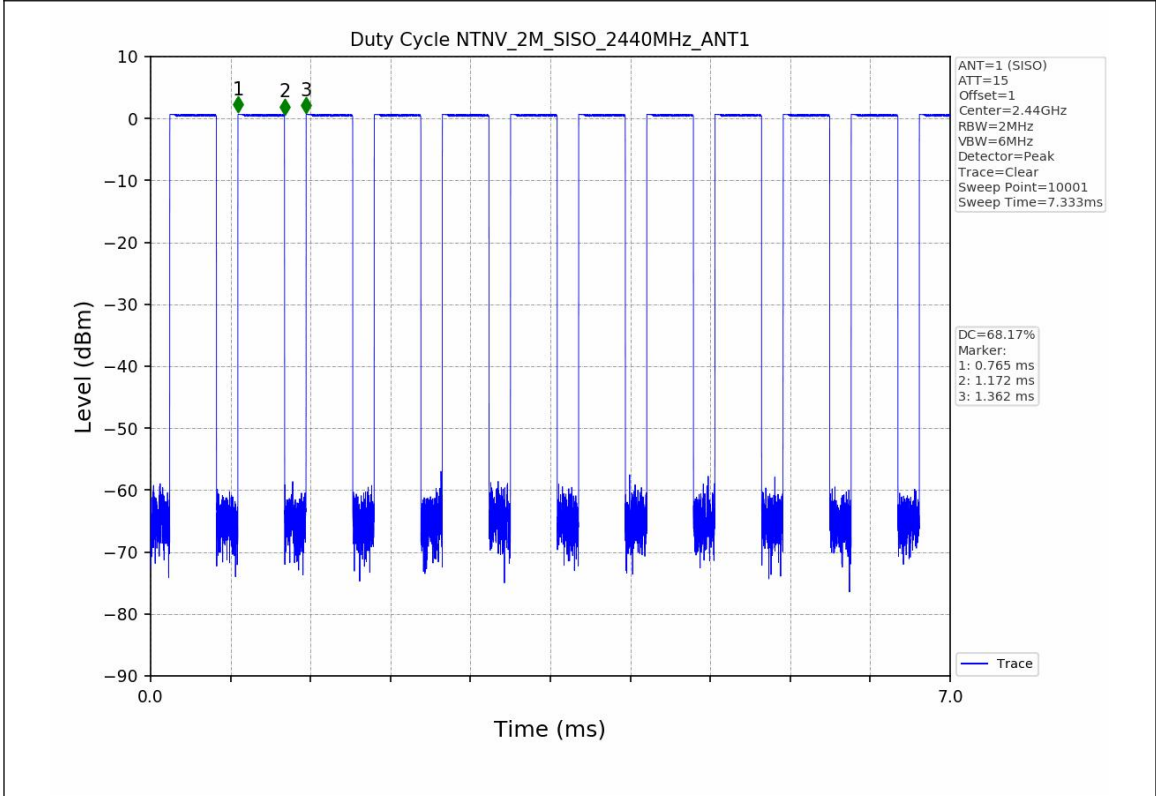
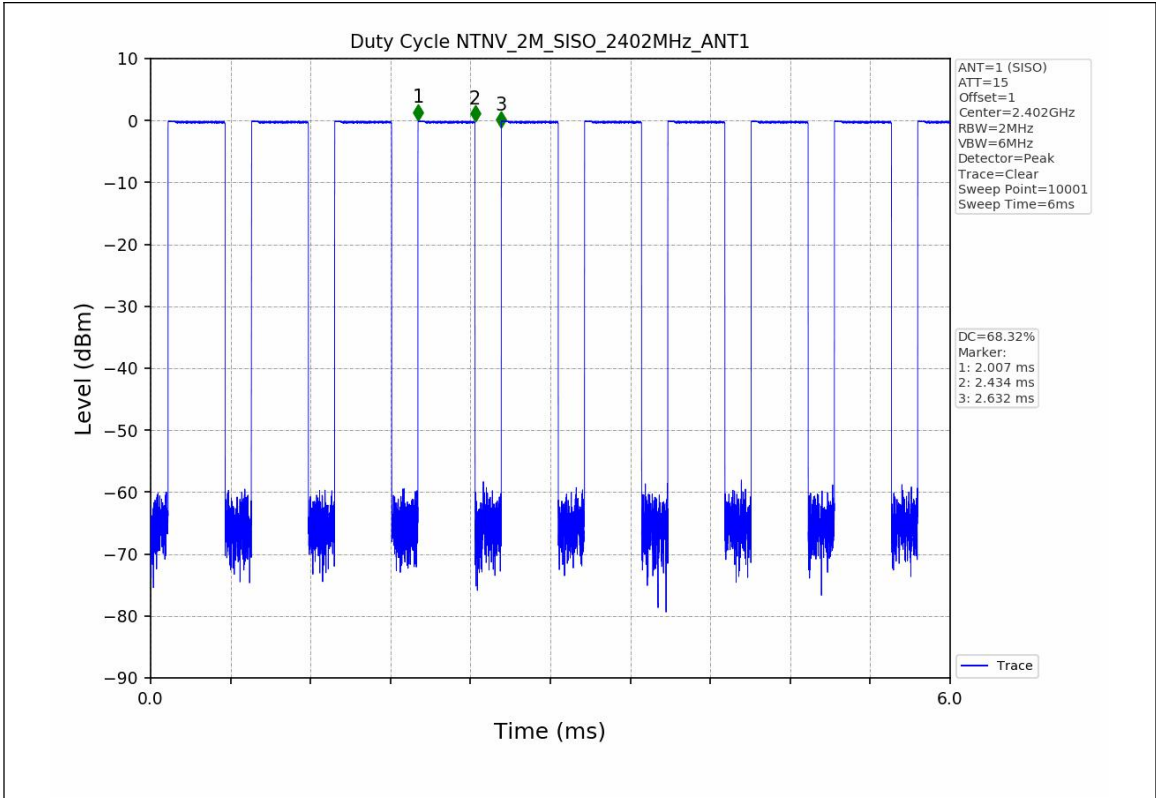
1.1 Test Result

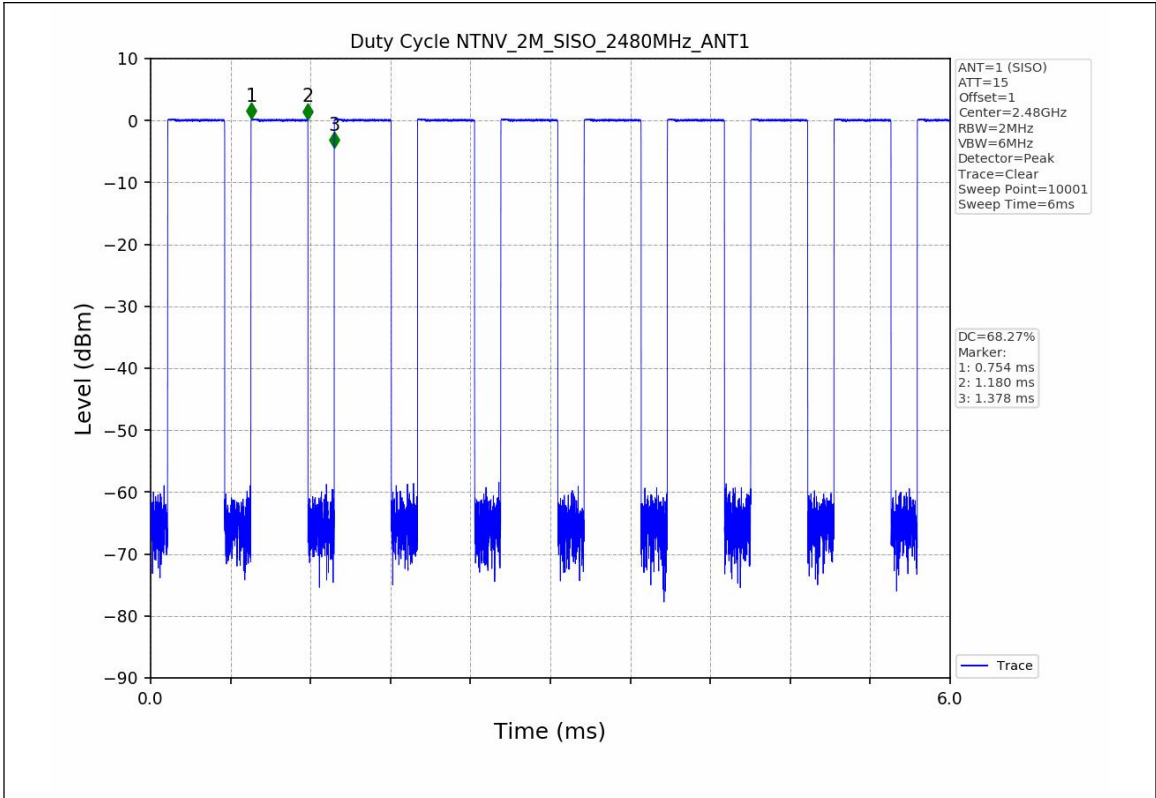
Test Mode	Channel Frequency (MHz)	TX Type	ANT No.	T_on (ms)	Period (ms)	Duty Cycle (%)	Duty Cycle Correction Factor (dB)
1M	2402	SISO	1	0.428	0.626	68.37	1.65
	2440	SISO	1	0.427	0.625	68.32	1.65
	2480	SISO	1	0.427	0.625	68.32	1.65
2M	2402	SISO	1	0.427	0.625	68.32	1.65
	2440	SISO	1	0.407	0.597	68.17	1.66
	2480	SISO	1	0.426	0.624	68.27	1.66

1.2 Test Graph









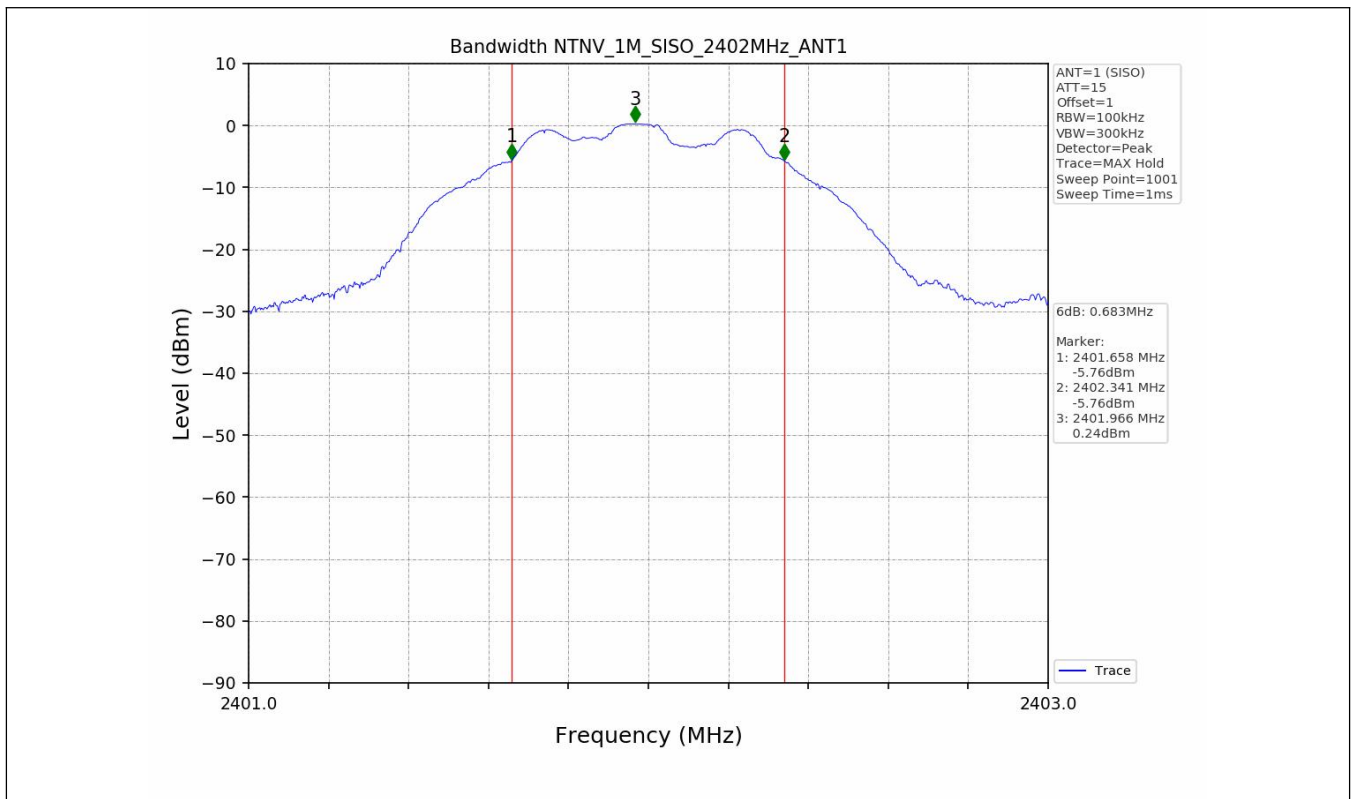
2. Bandwidth

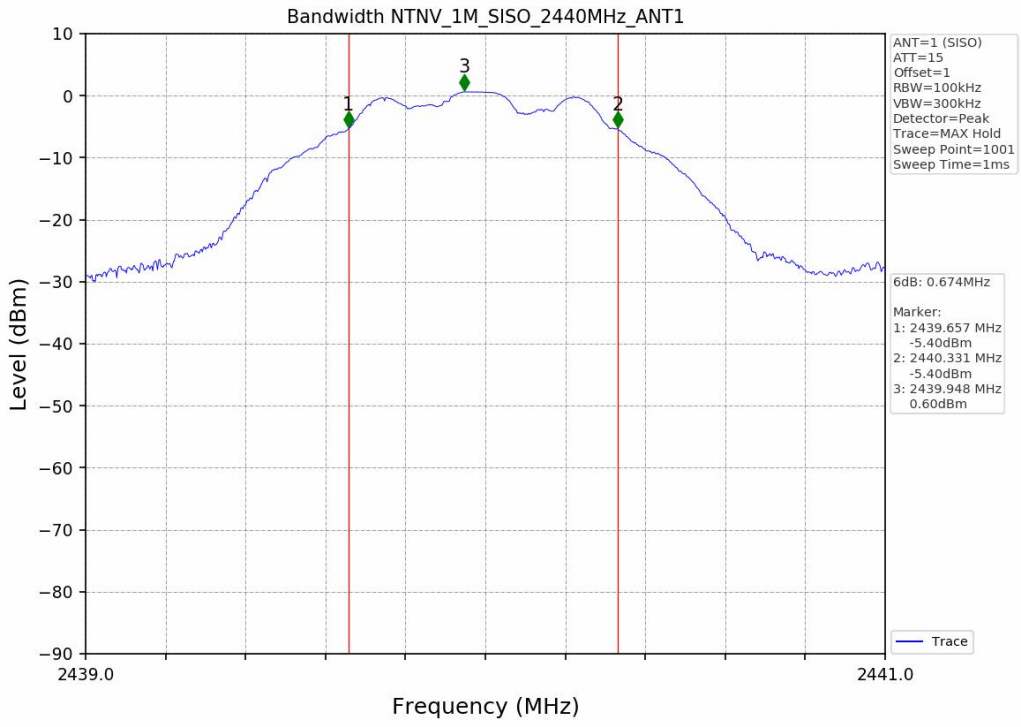
2.1 Test Result

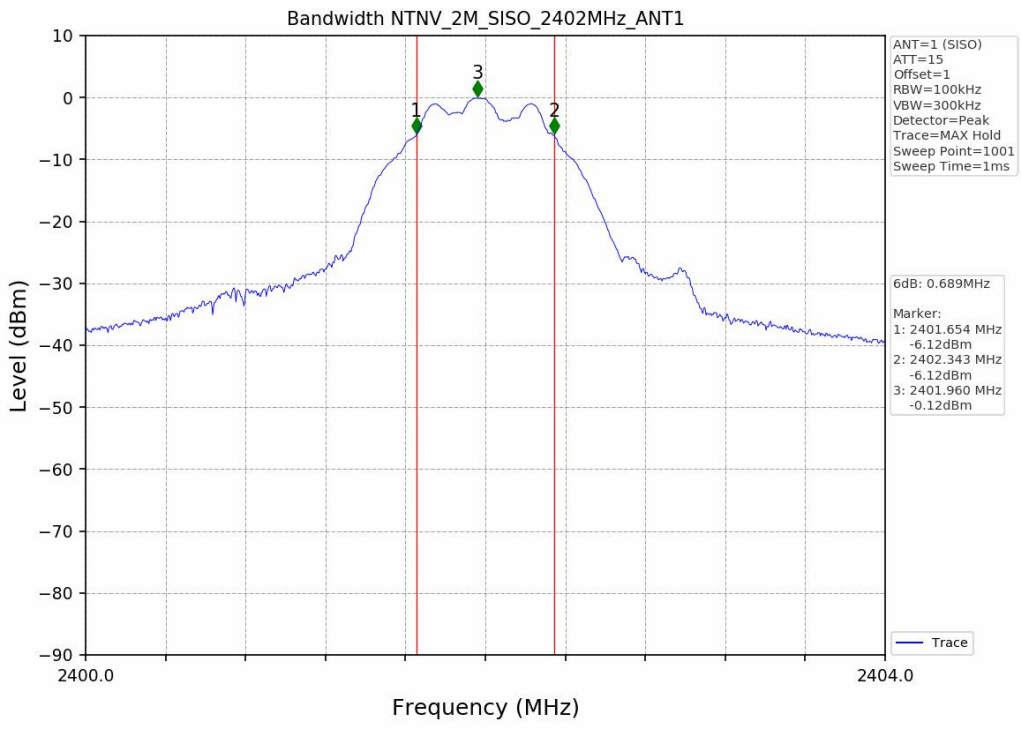
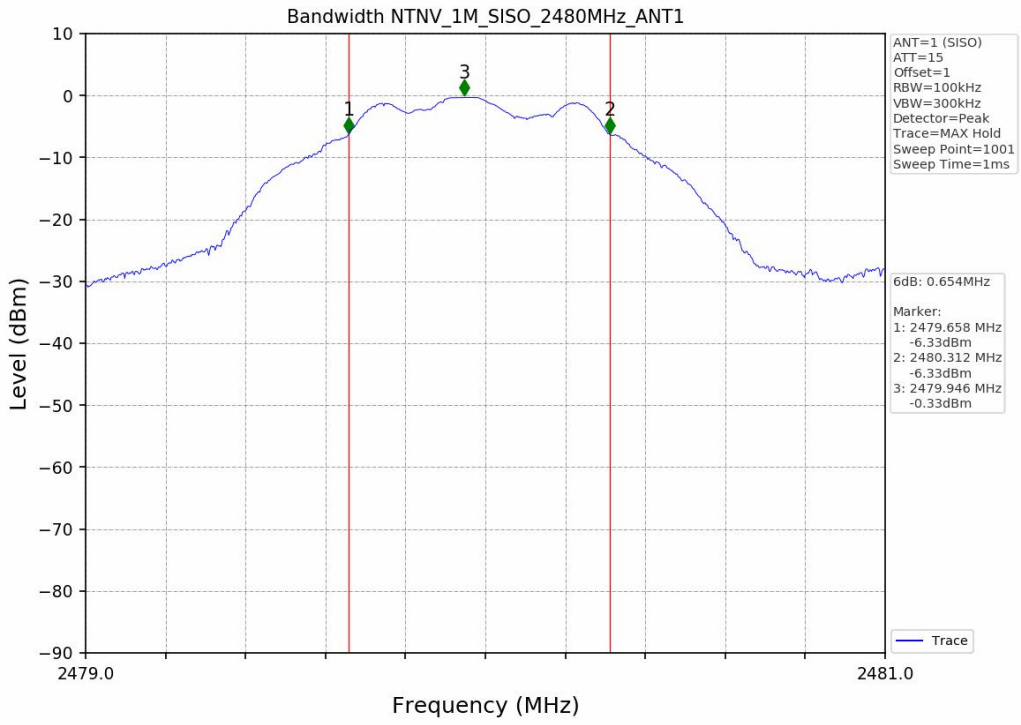
Test Mode	Frequency (MHz)	TX Type	ANT No.	6dB Bandwidth		Verdict
				Test Result (MHz)	Limits (MHz)	
1M	2402	SISO	1	0.683	≥0.5	PASS
	2440	SISO	1	0.674	≥0.5	PASS
	2480	SISO	1	0.654	≥0.5	PASS
2M	2402	SISO	1	0.689	≥0.5	PASS
	2440	SISO	1	0.668	≥0.5	PASS
	2480	SISO	1	0.662	≥0.5	PASS

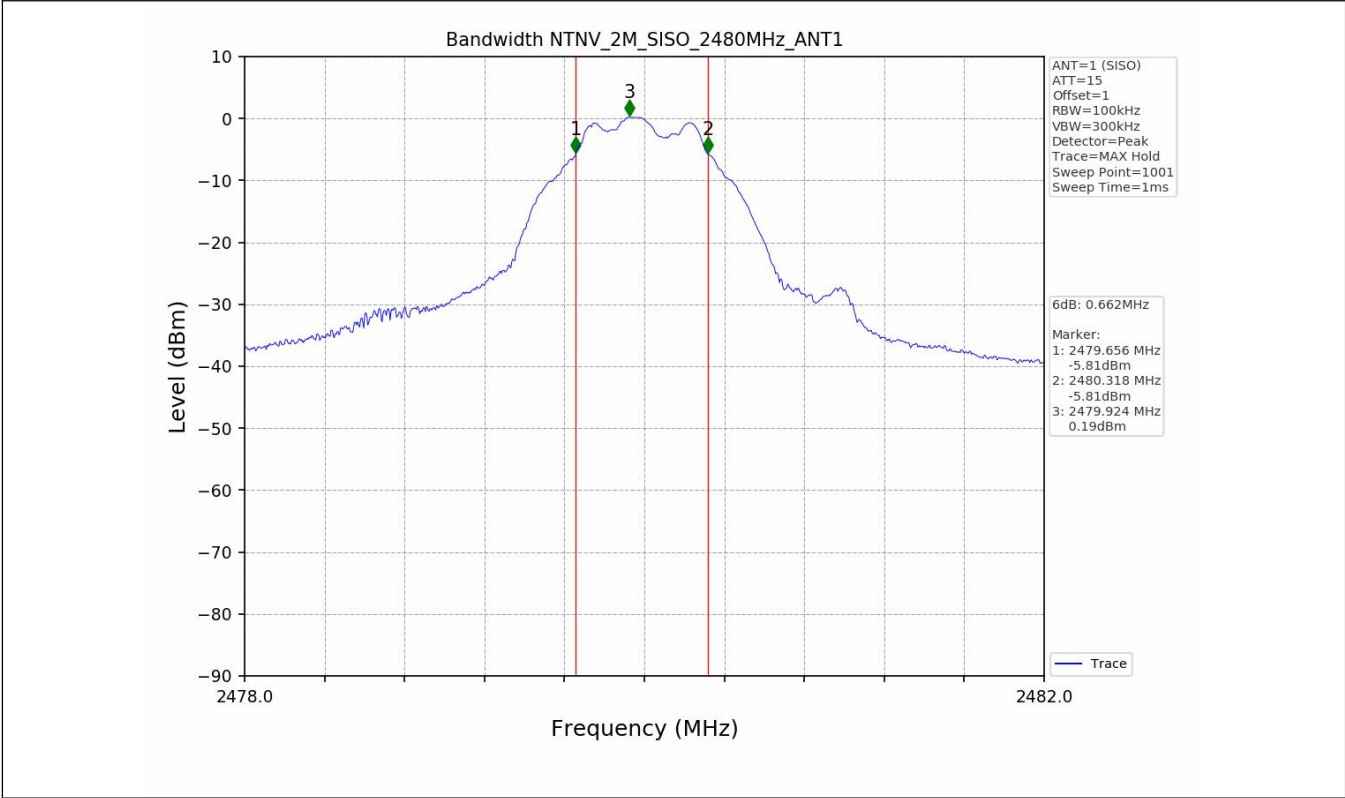
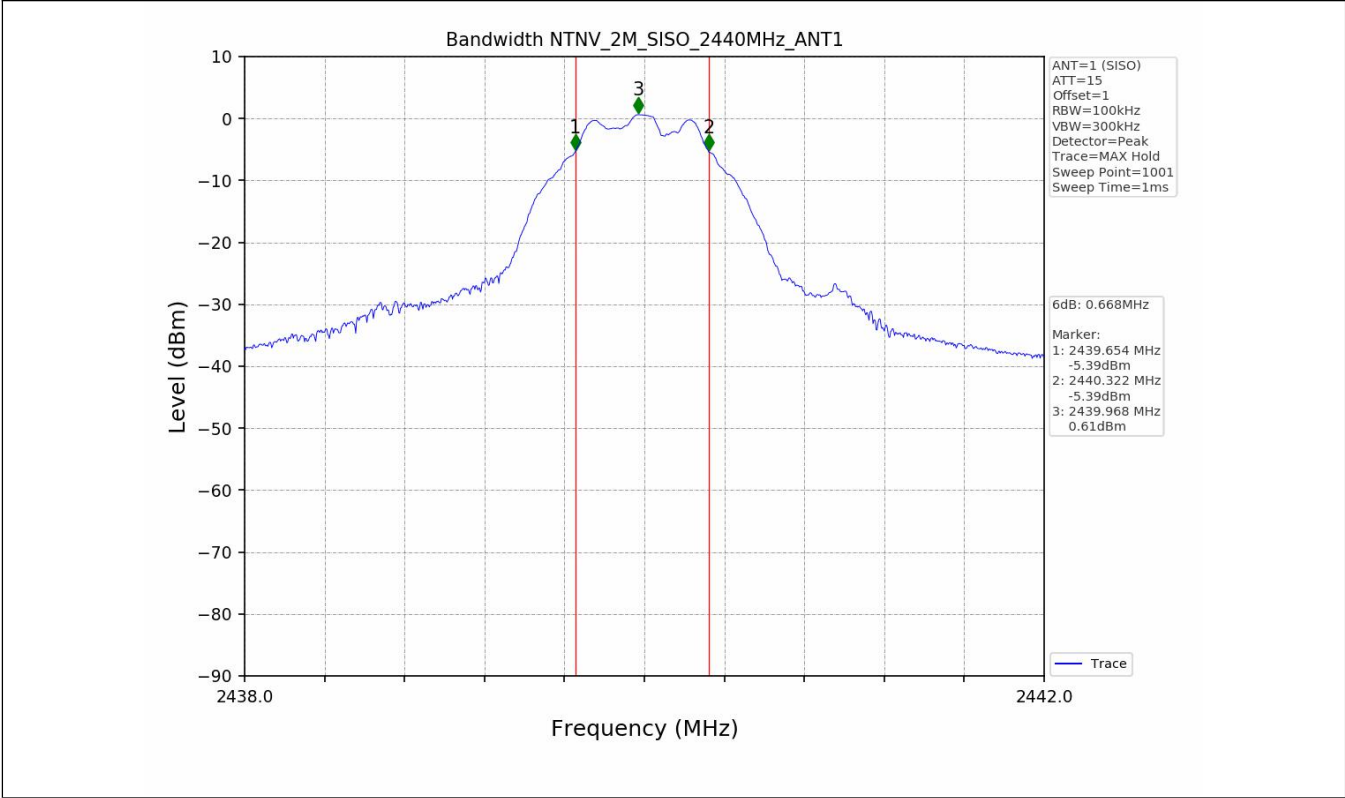
Test Mode	Frequency (MHz)	TX Type	ANT No.	99% Occupied Bandwidth	
				Test Result (MHz)	Only for Report Use
1M	2402	SISO	1	1.030	Only for Report Use
	2440	SISO	1	1.022	Only for Report Use
	2480	SISO	1	1.019	Only for Report Use
2M	2402	SISO	1	1.037	Only for Report Use
	2440	SISO	1	1.031	Only for Report Use
	2480	SISO	1	1.024	Only for Report Use

2.2 Test Graph - 6dB Bandwidth

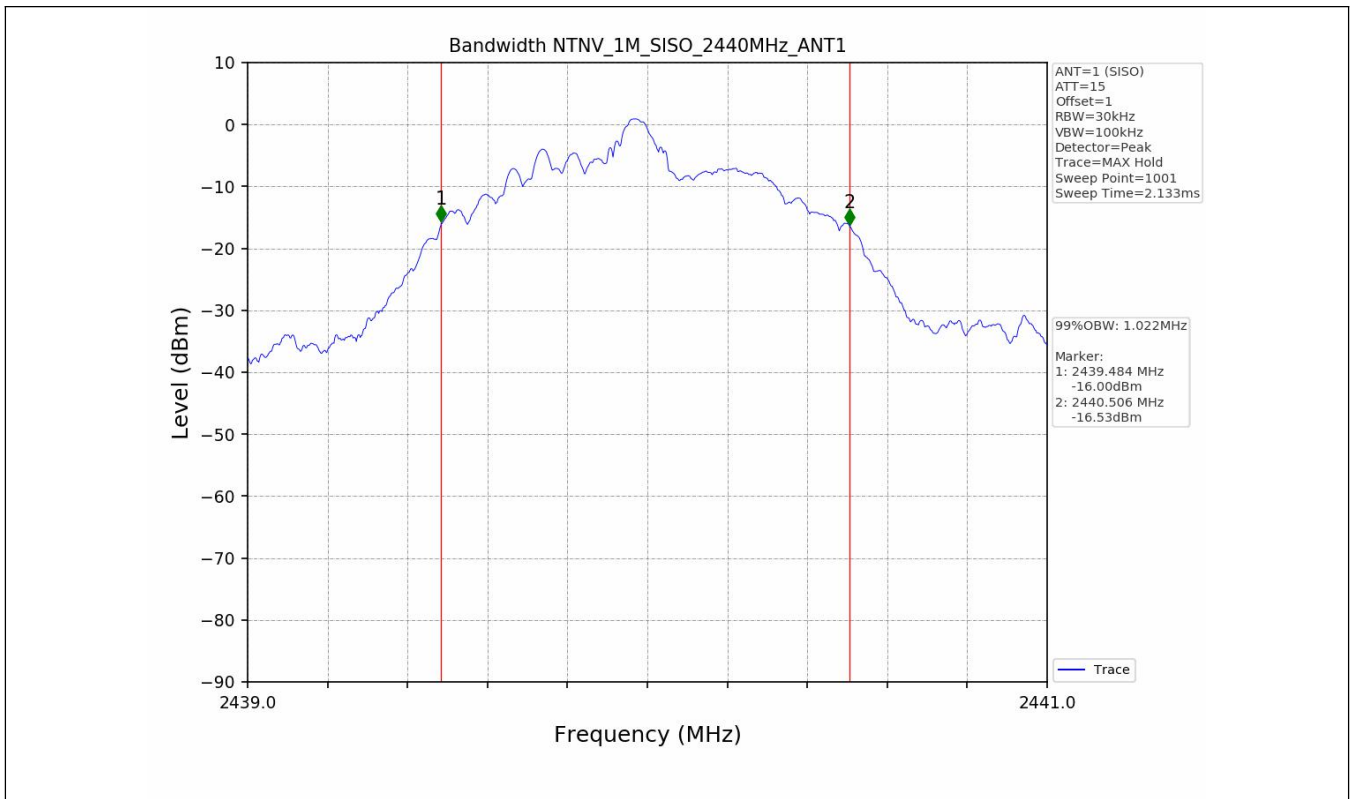
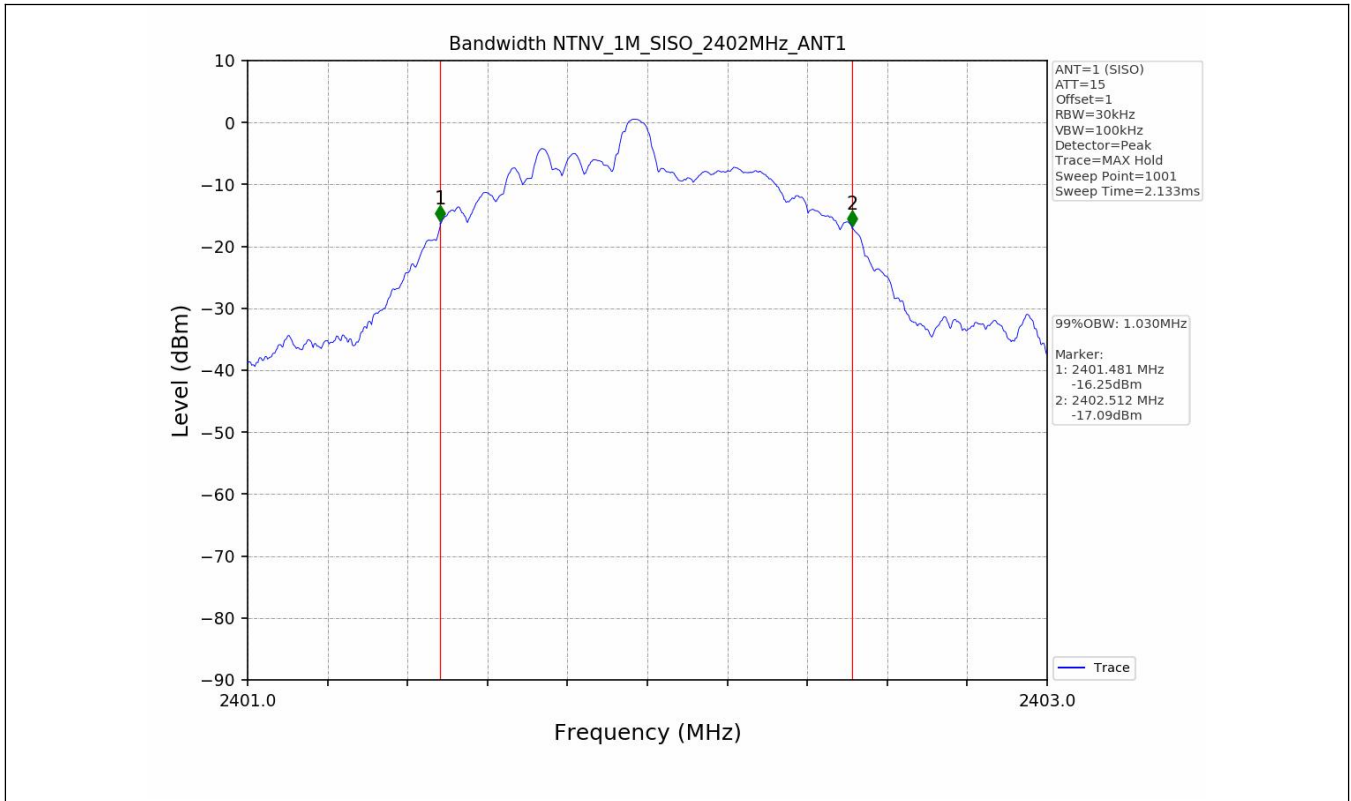


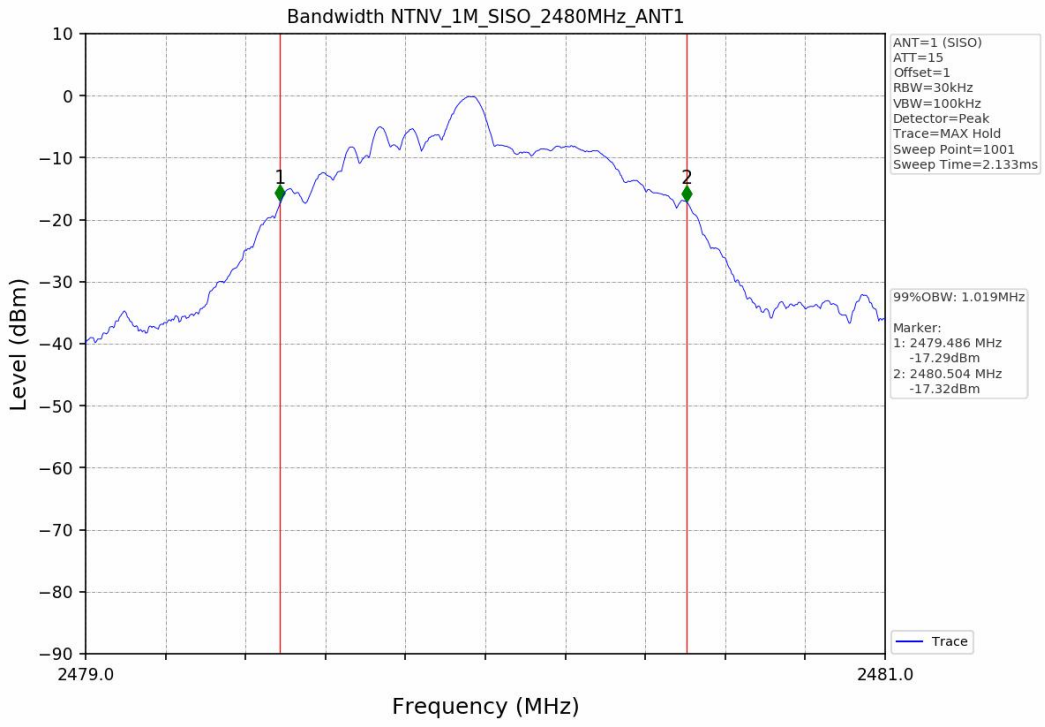


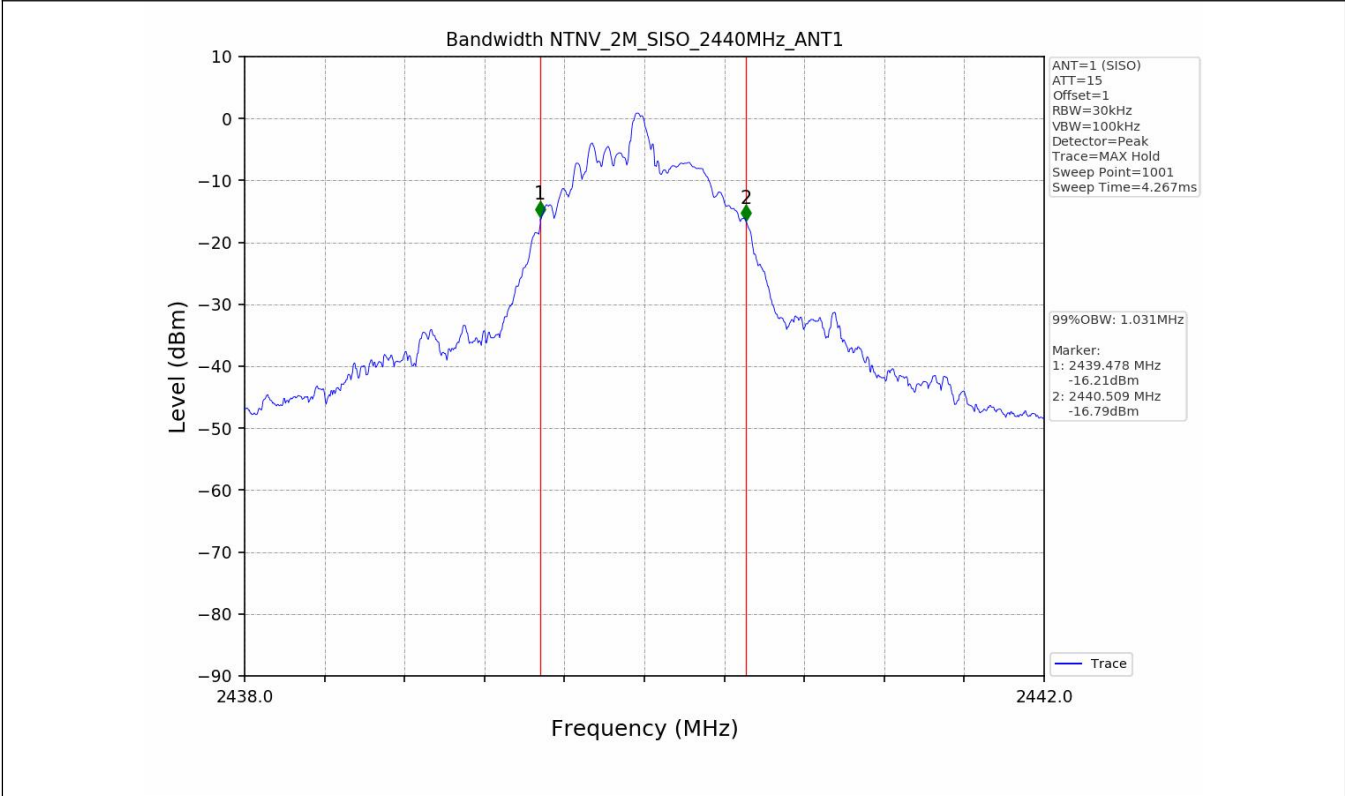
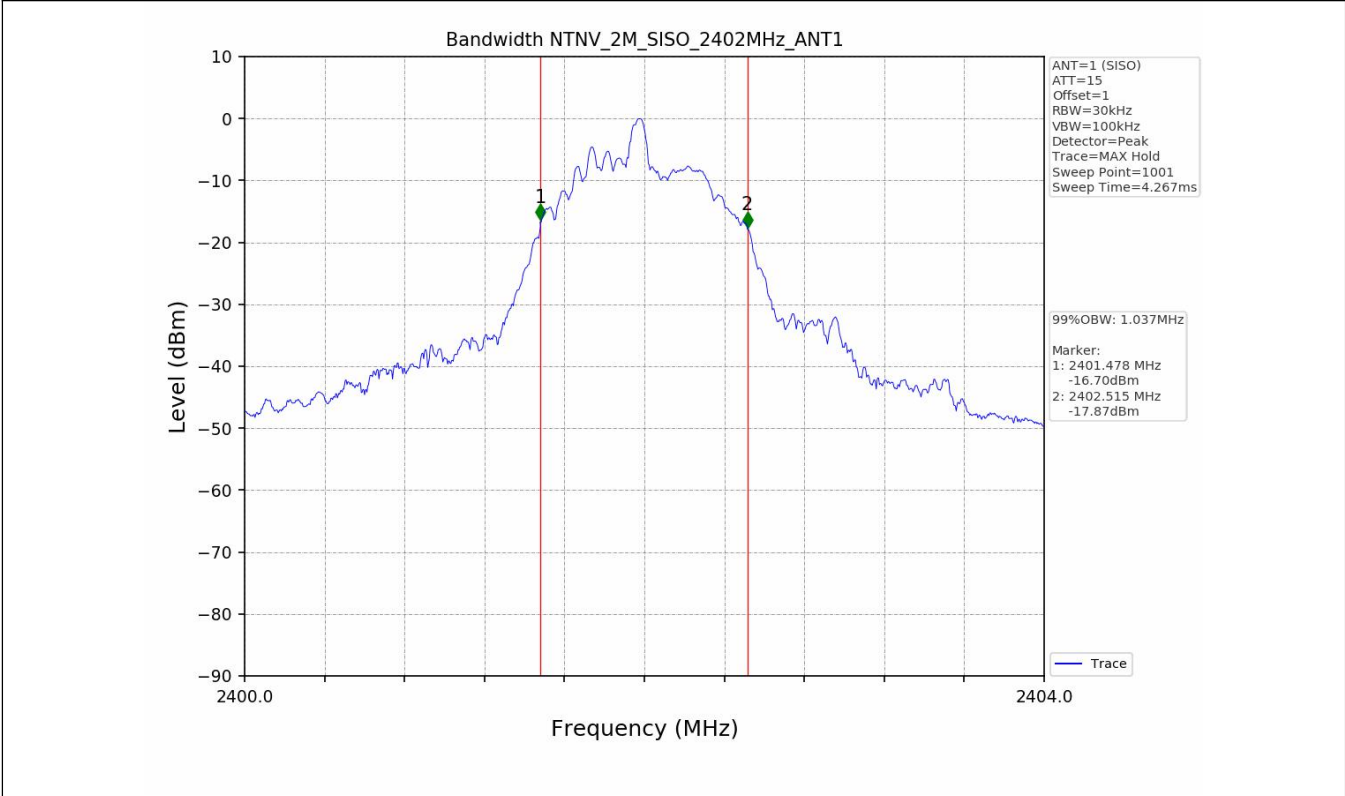




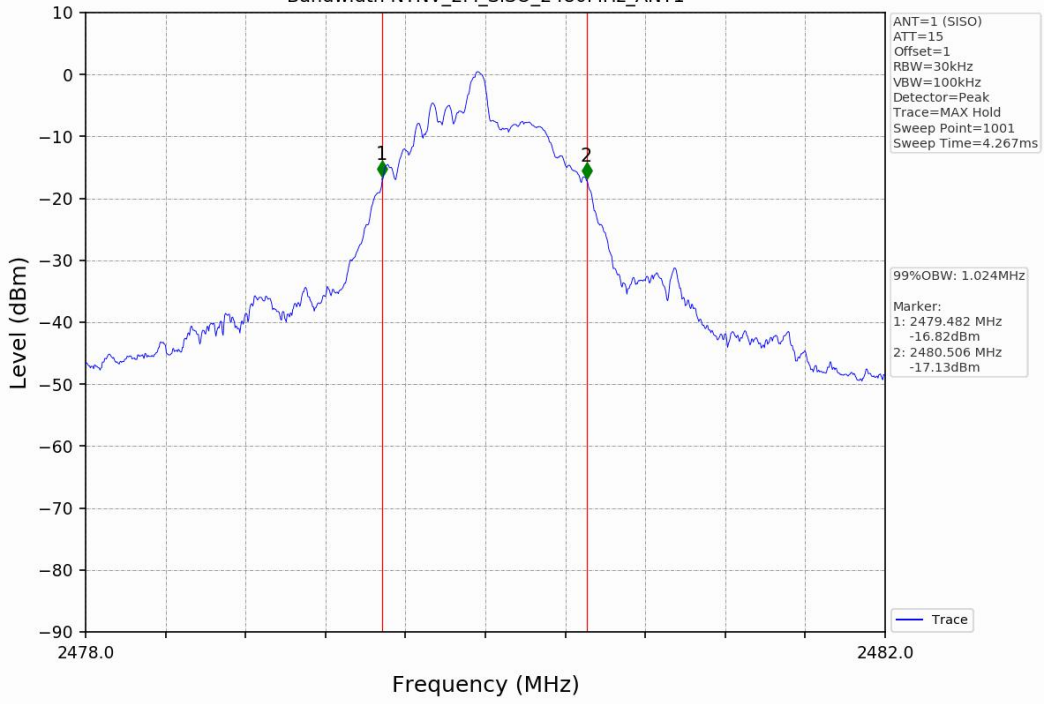
2.3 Test Graph - 99% Occupied Bandwidth







Bandwidth NTN_V_2M_SISO_2480MHz_ANT1

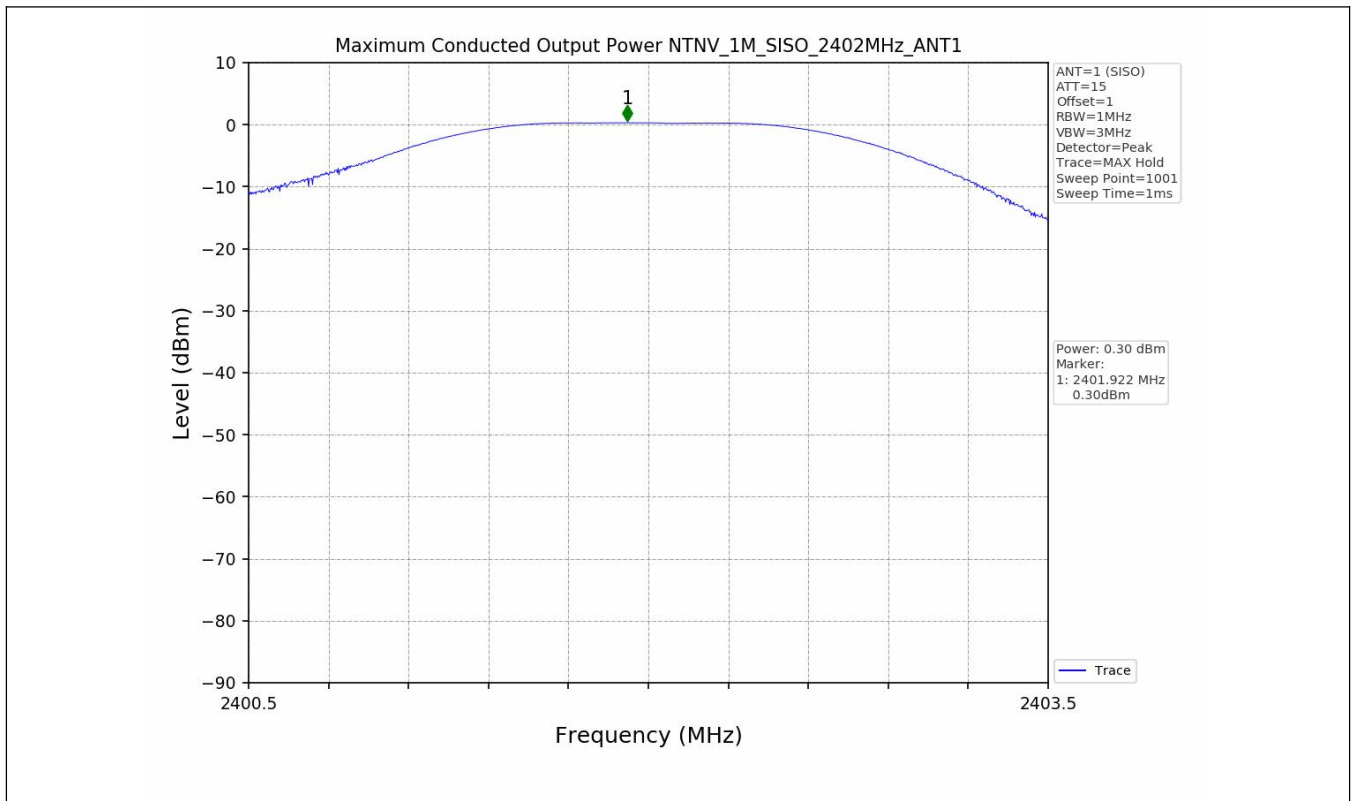


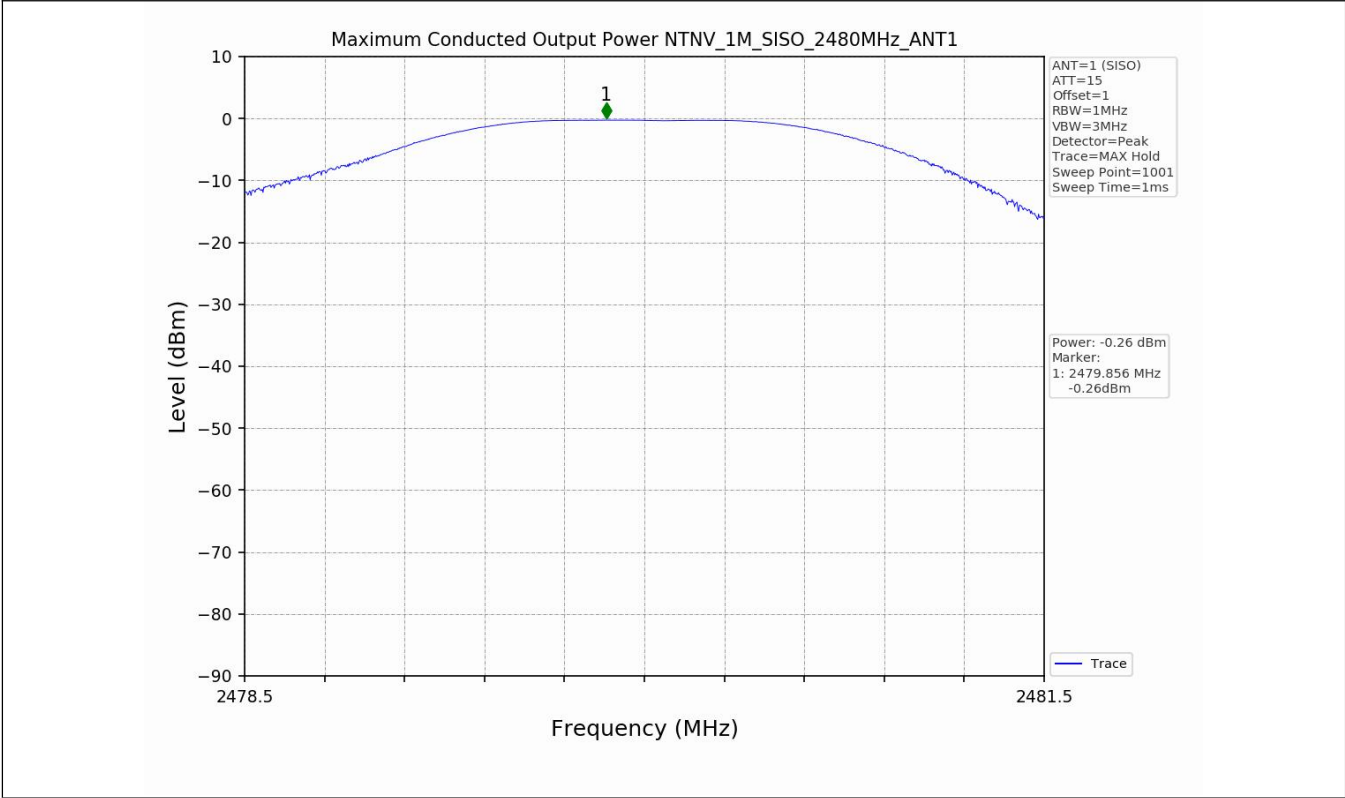
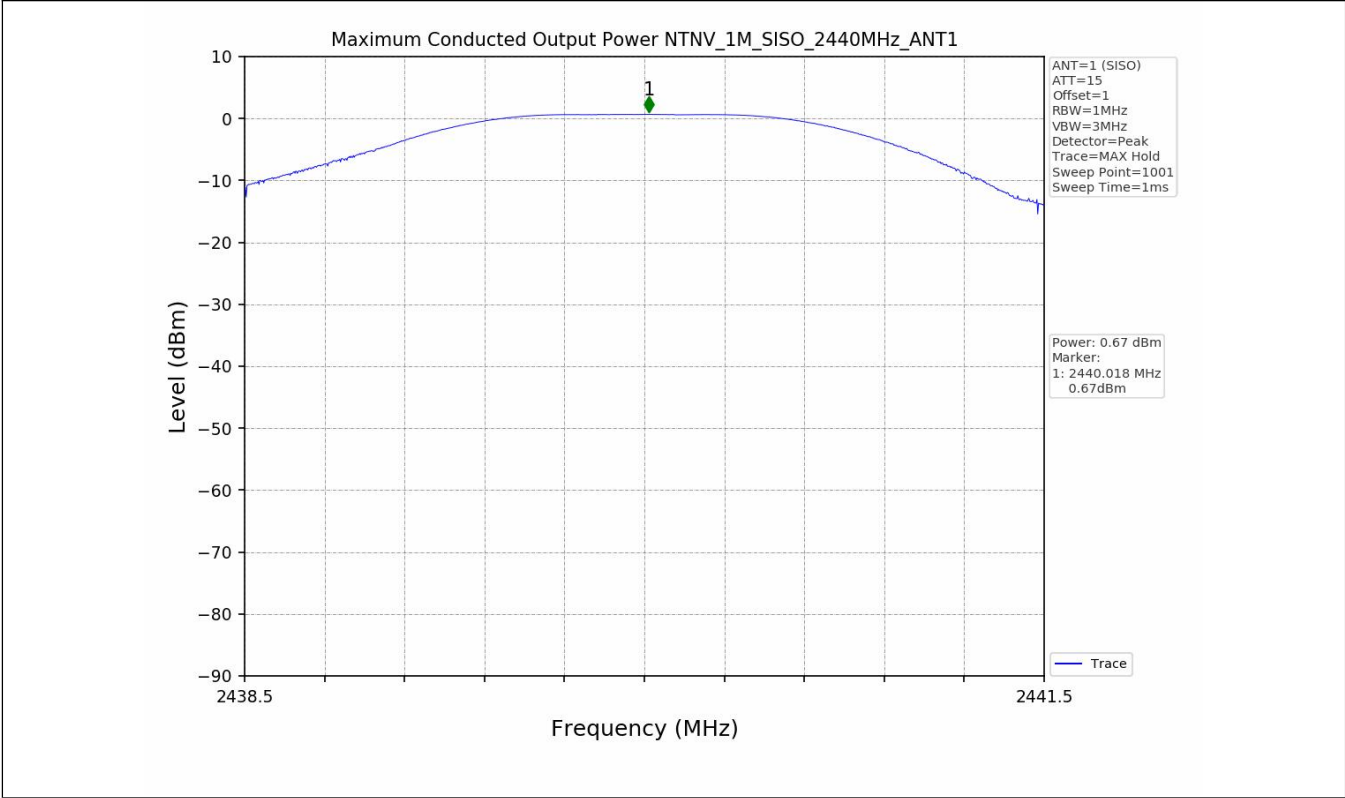
3. Maximum Conducted Output Power

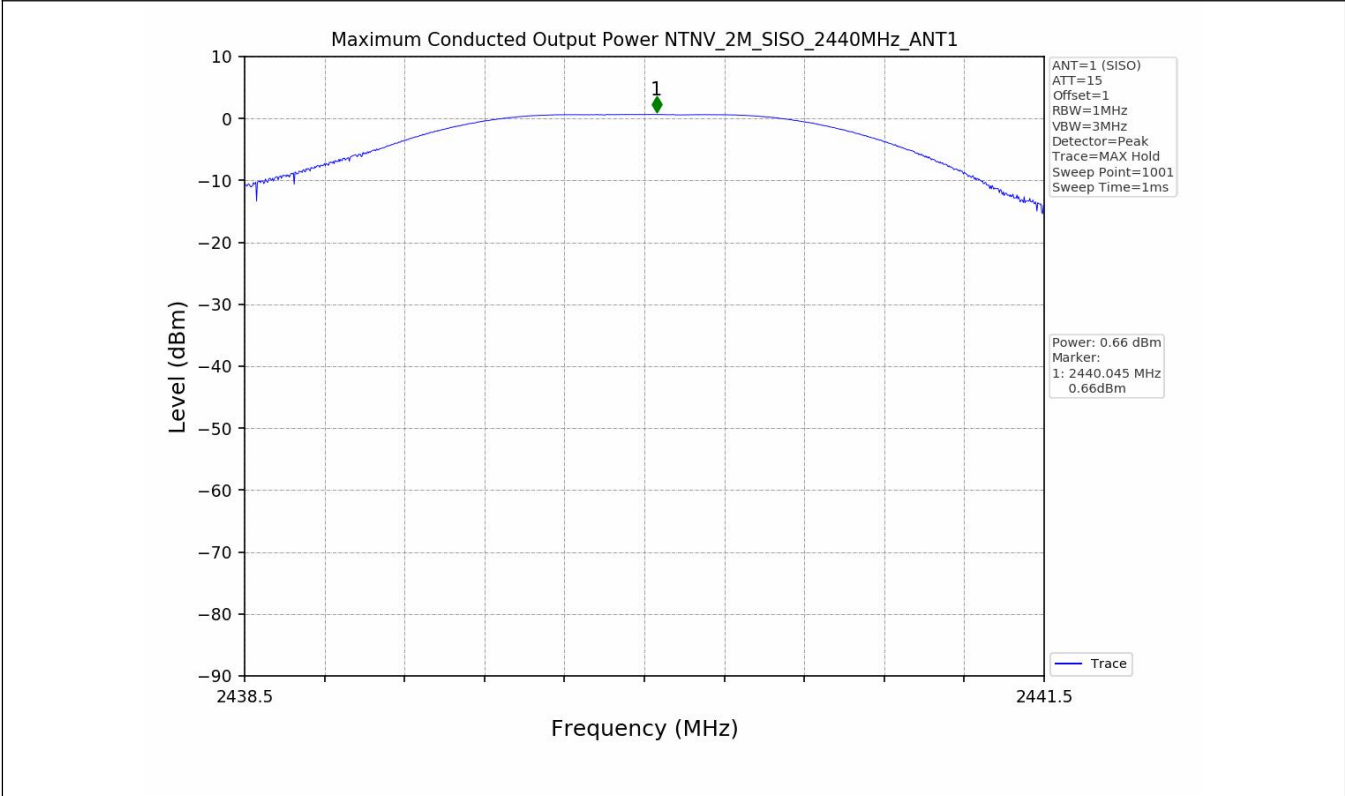
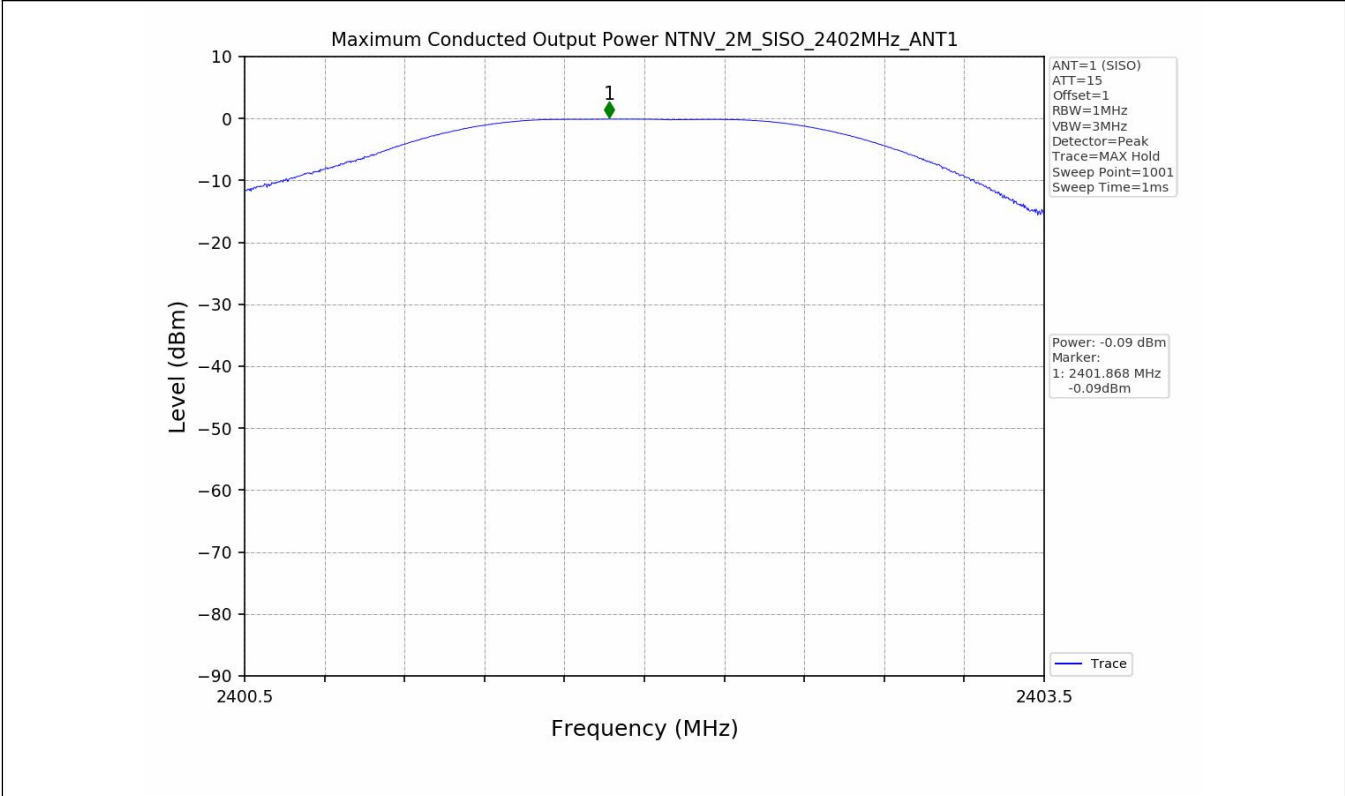
3.1 Test Result

Test Mode	Frequency (MHz)	Tx Type	Measured Peak Output Power (dBm)	Limits (dBm)	Verdict
			Ant 1		
1M	2402	SISO	0.30	30	PASS
	2440	SISO	0.67	30	PASS
	2480	SISO	-0.26	30	PASS
2M	2402	SISO	-0.09	30	PASS
	2440	SISO	0.66	30	PASS
	2480	SISO	0.19	30	PASS

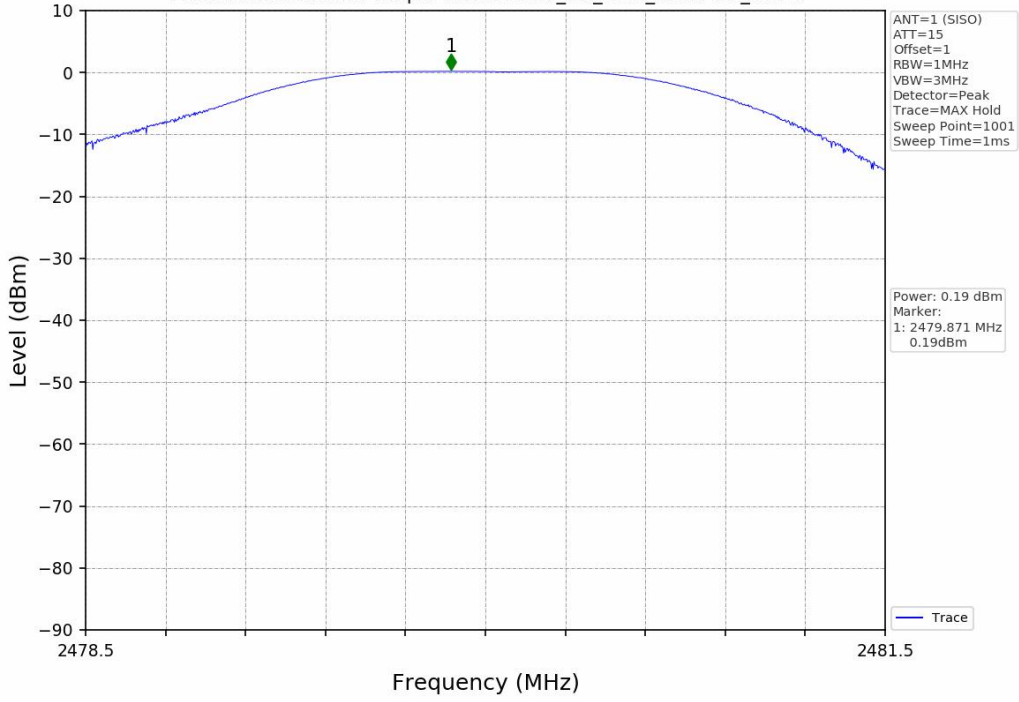
3.2 Test Graph







Maximum Conducted Output Power NTVN_2M_SISO_2480MHz_ANT1

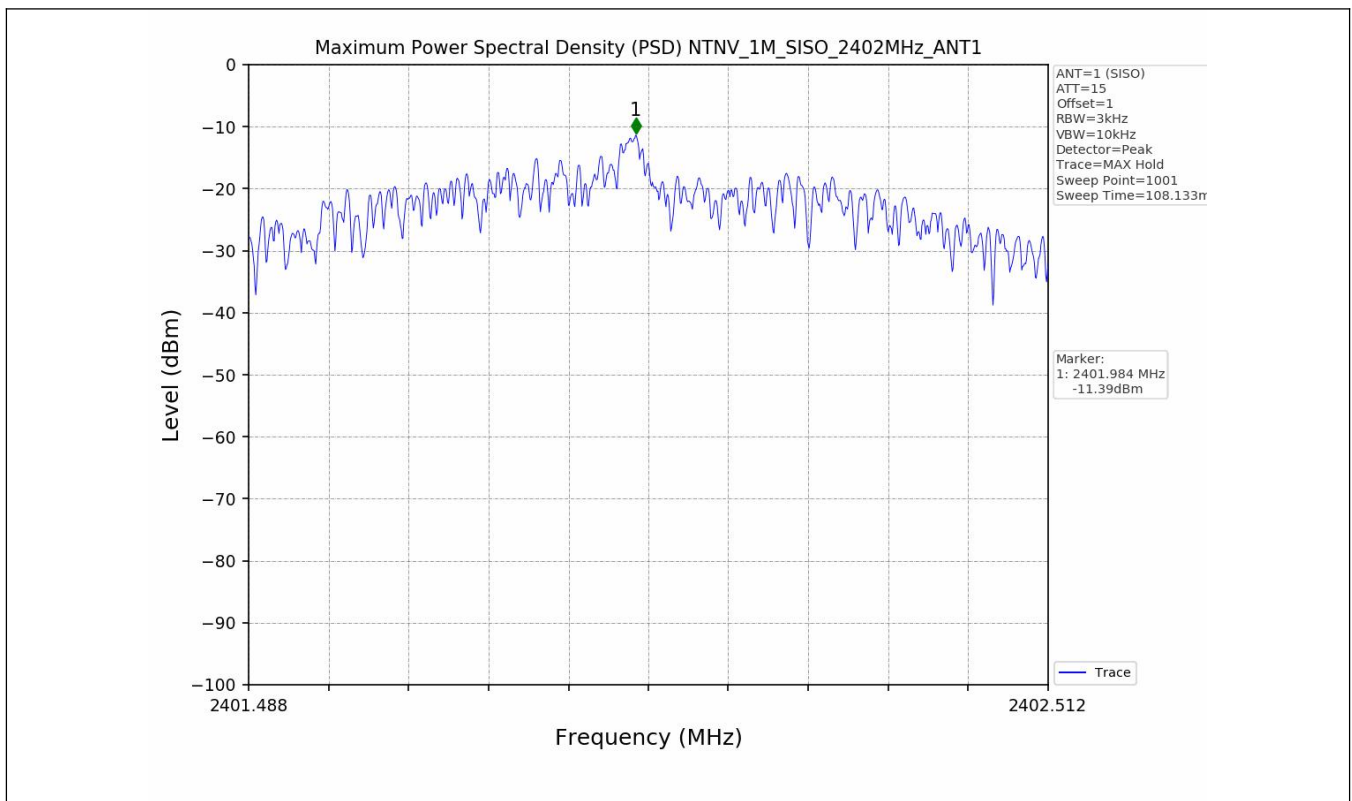


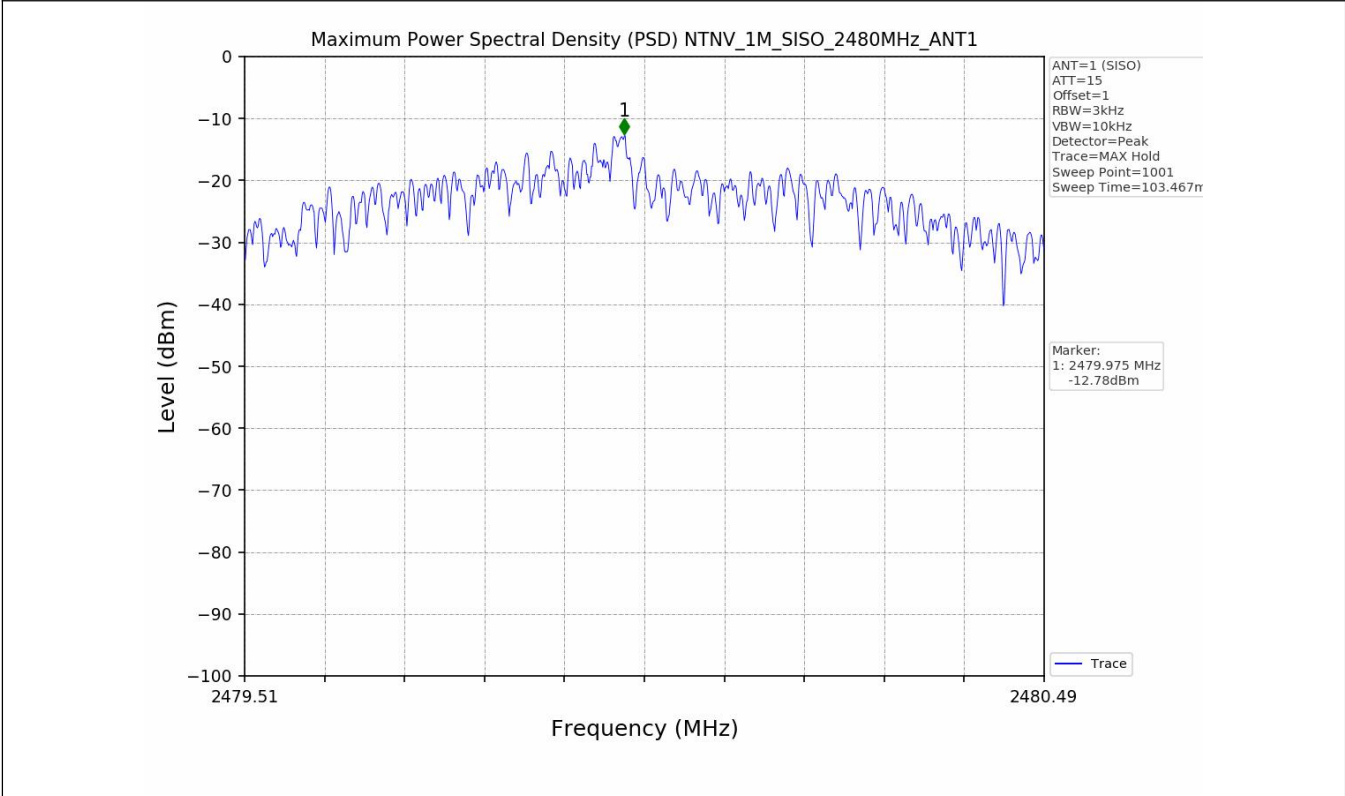
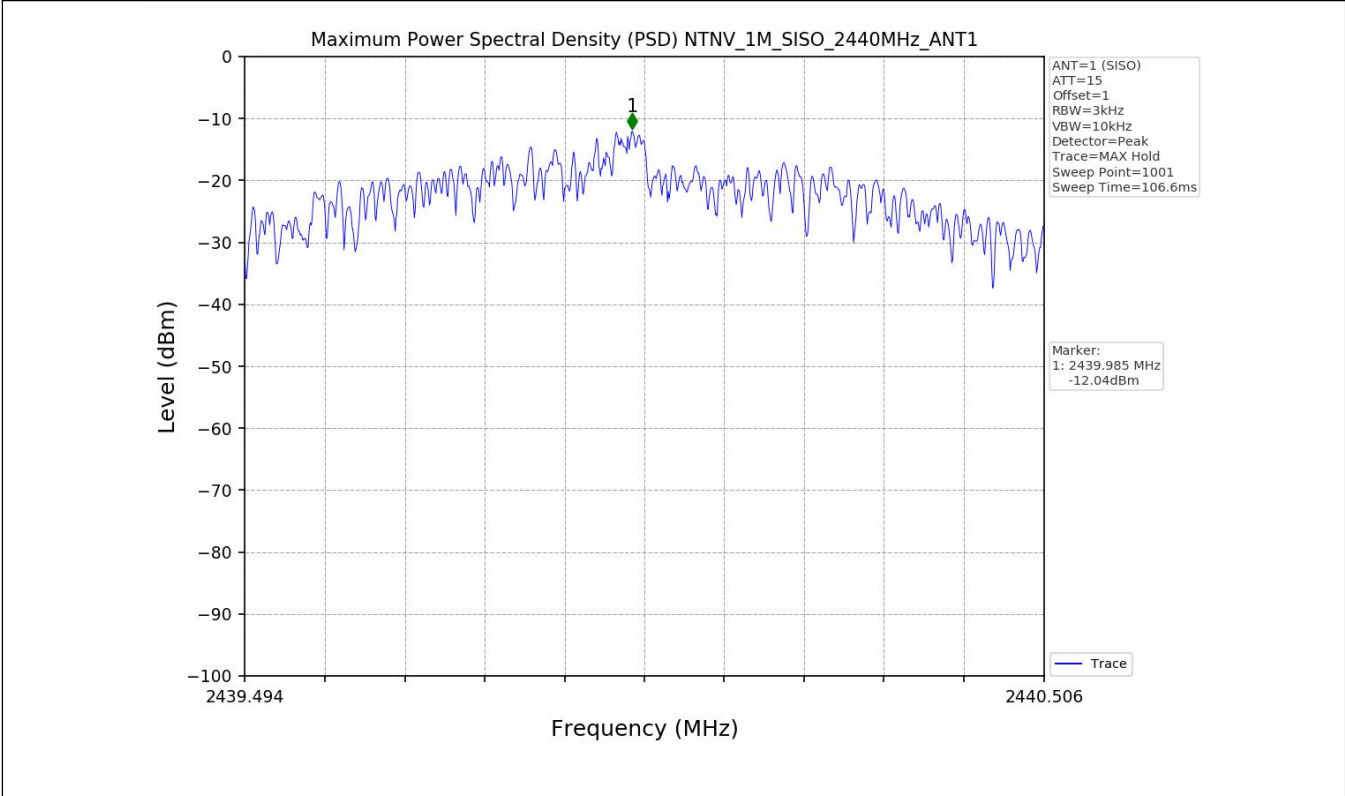
4. Maximum Power Spectral Density (PSD)

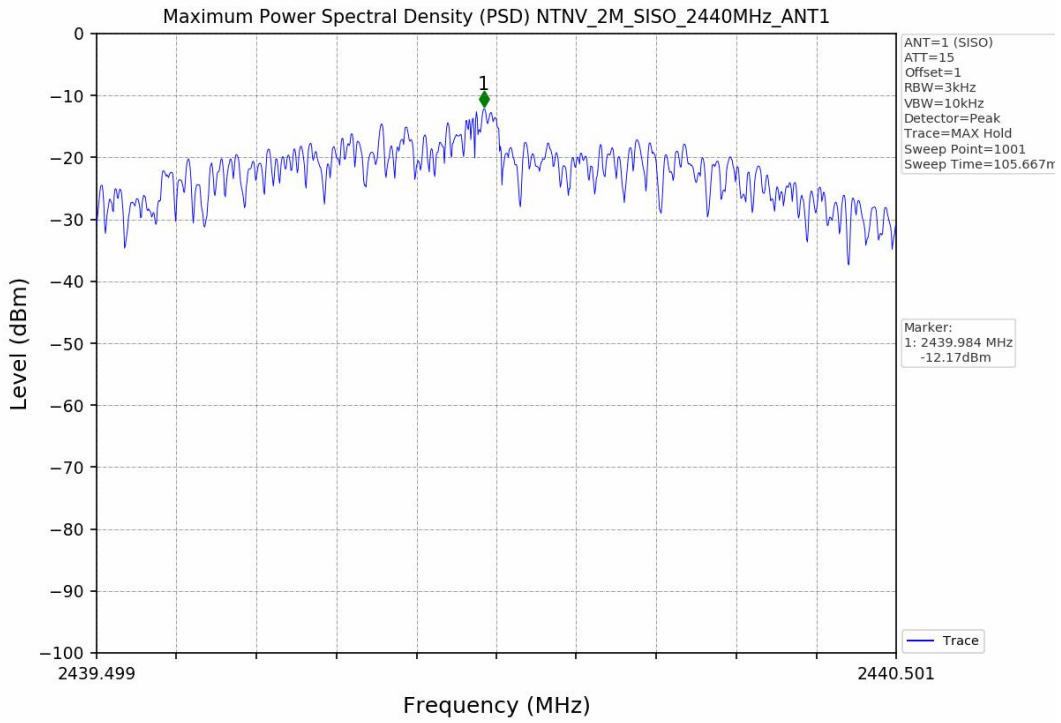
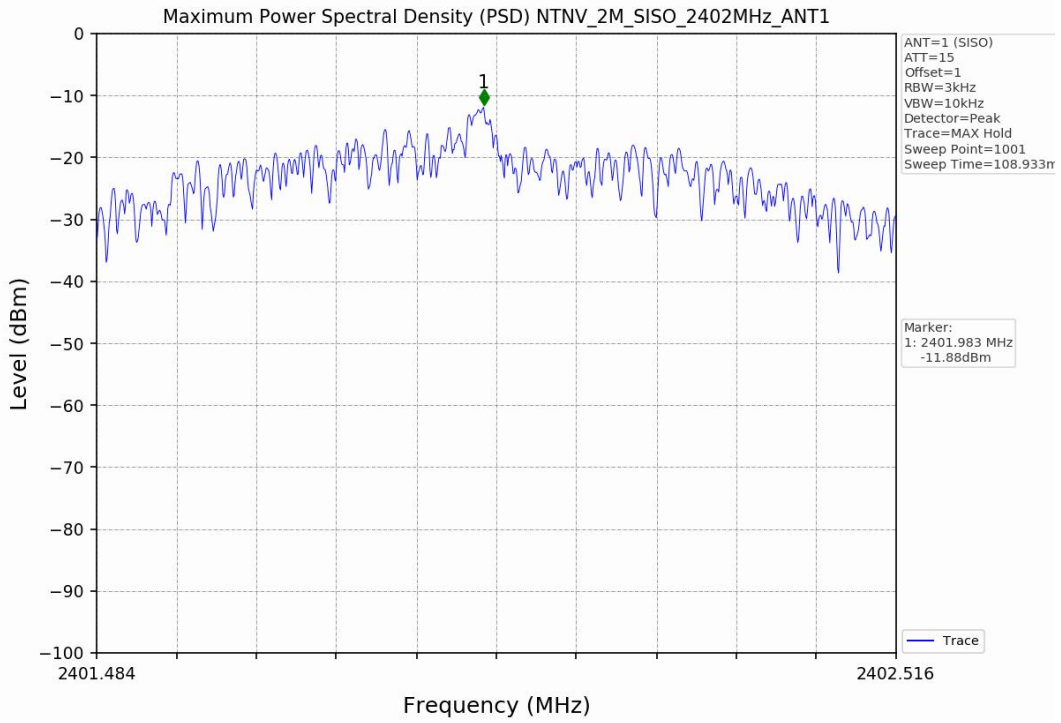
4.1 Test Result

Test Mode	Frequency (MHz)	Tx Type	Maximum Power Spectral Density (dBm/3KHz)	Limits (dBm/3kHz)	Verdict
			Ant 1		
1M	2402	SISO	-11.39	≤8	PASS
	2440	SISO	-12.04	≤8	PASS
	2480	SISO	-12.78	≤8	PASS
2M	2402	SISO	-11.88	≤8	PASS
	2440	SISO	-12.17	≤8	PASS
	2480	SISO	-12.22	≤8	PASS

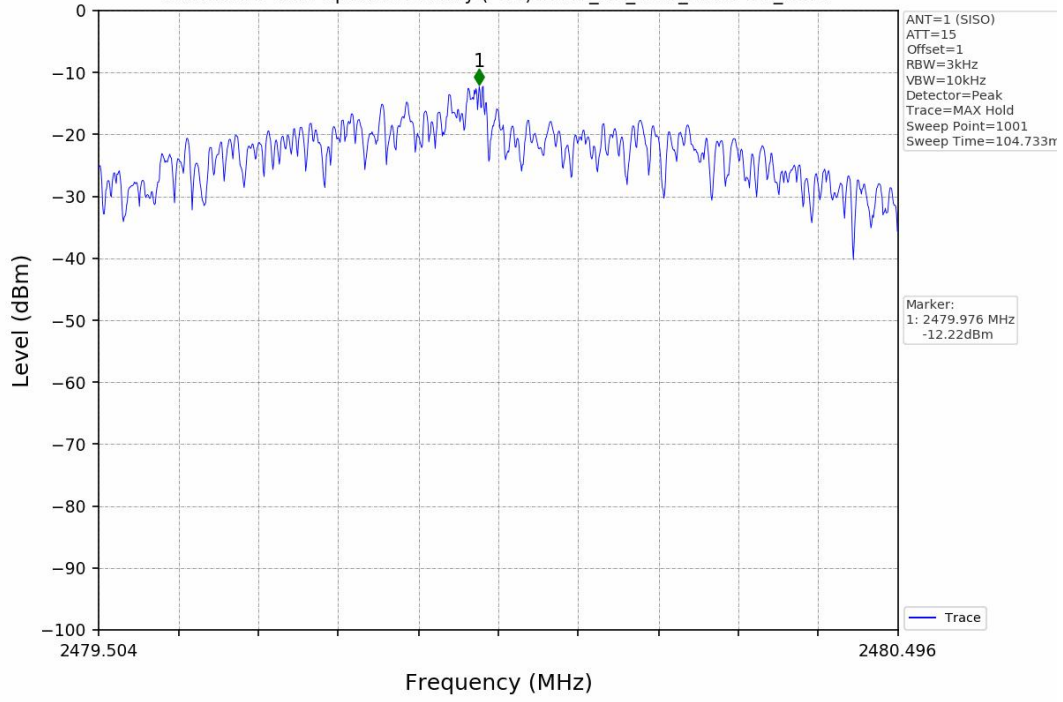
4.2 Test Graph







Maximum Power Spectral Density (PSD) NTN2_2M_SISO_2480MHz_ANT1

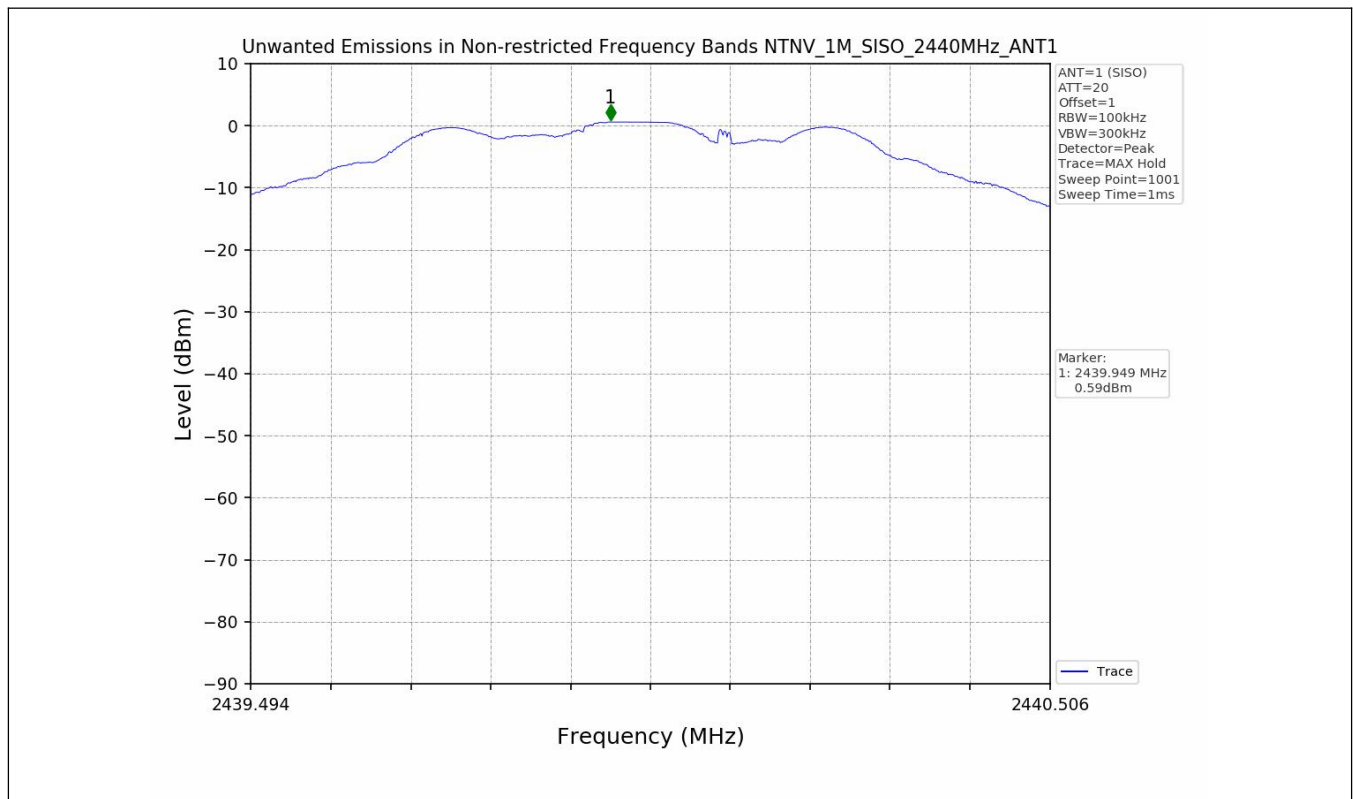


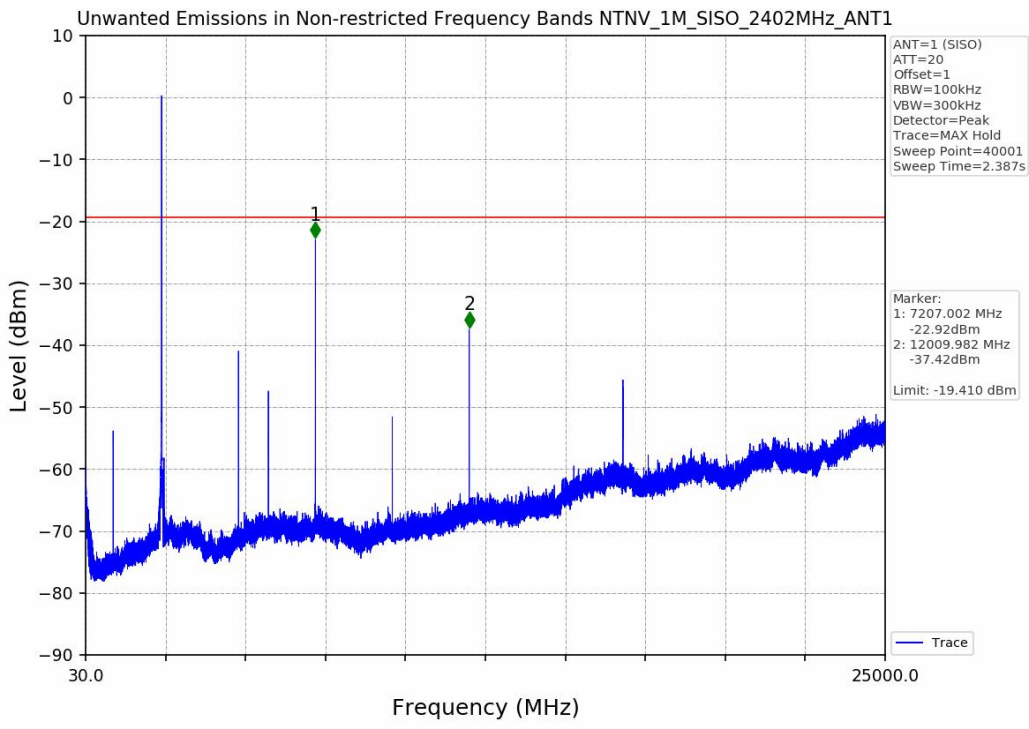
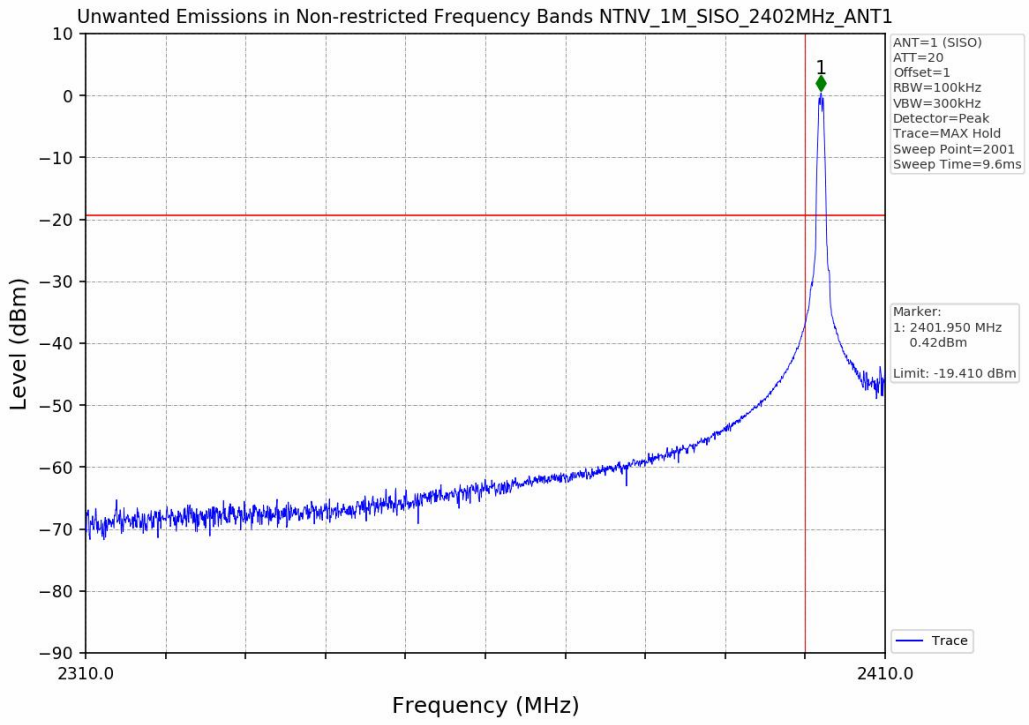
5. Unwanted Emissions in Non-restricted Frequency Bands

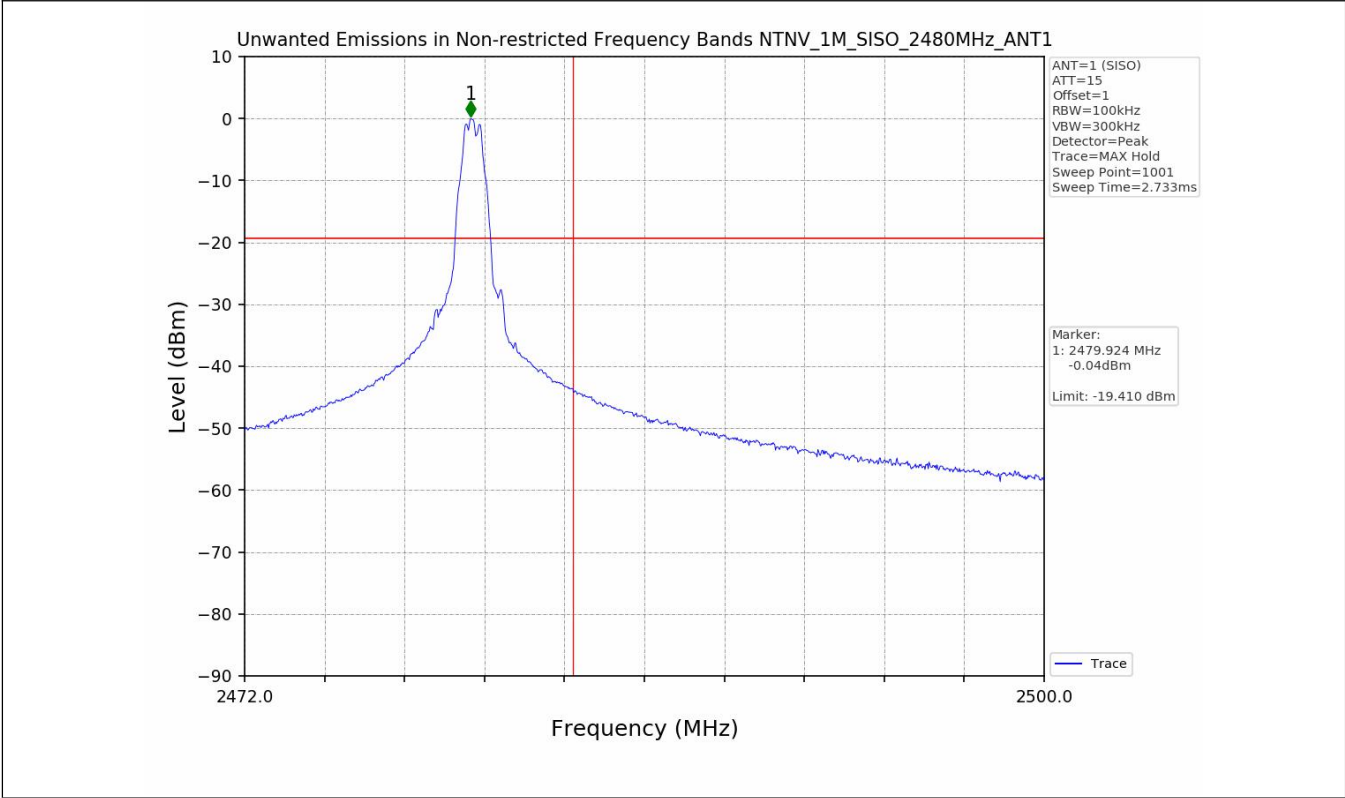
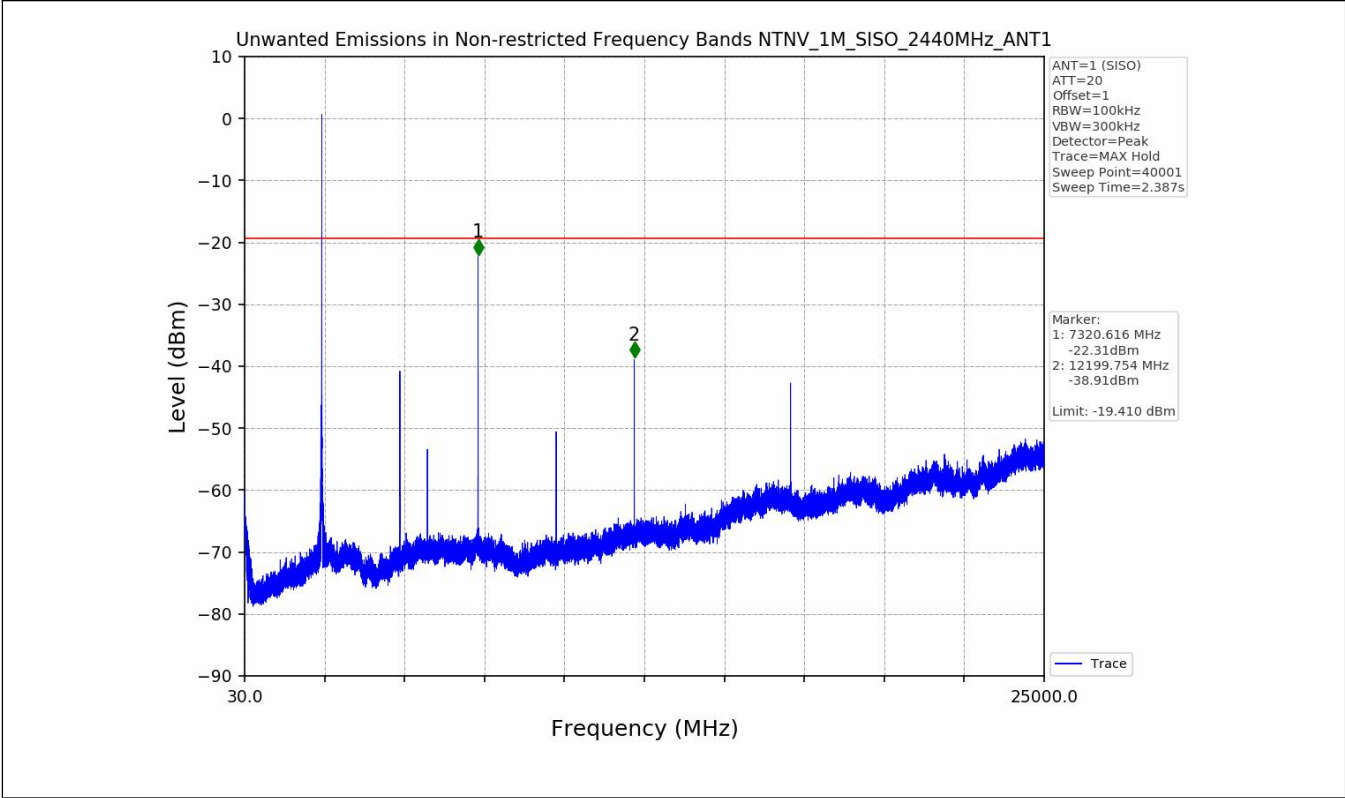
5.1 Test Result

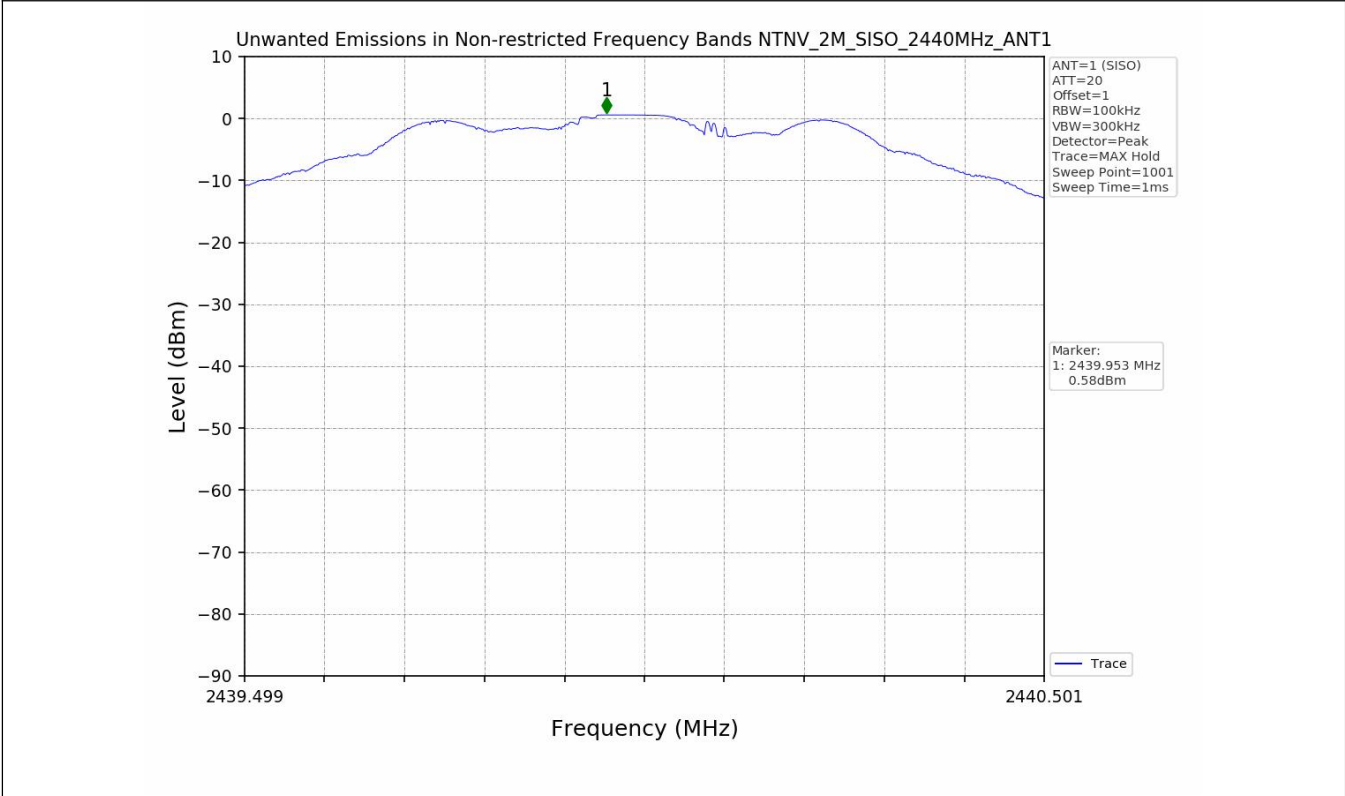
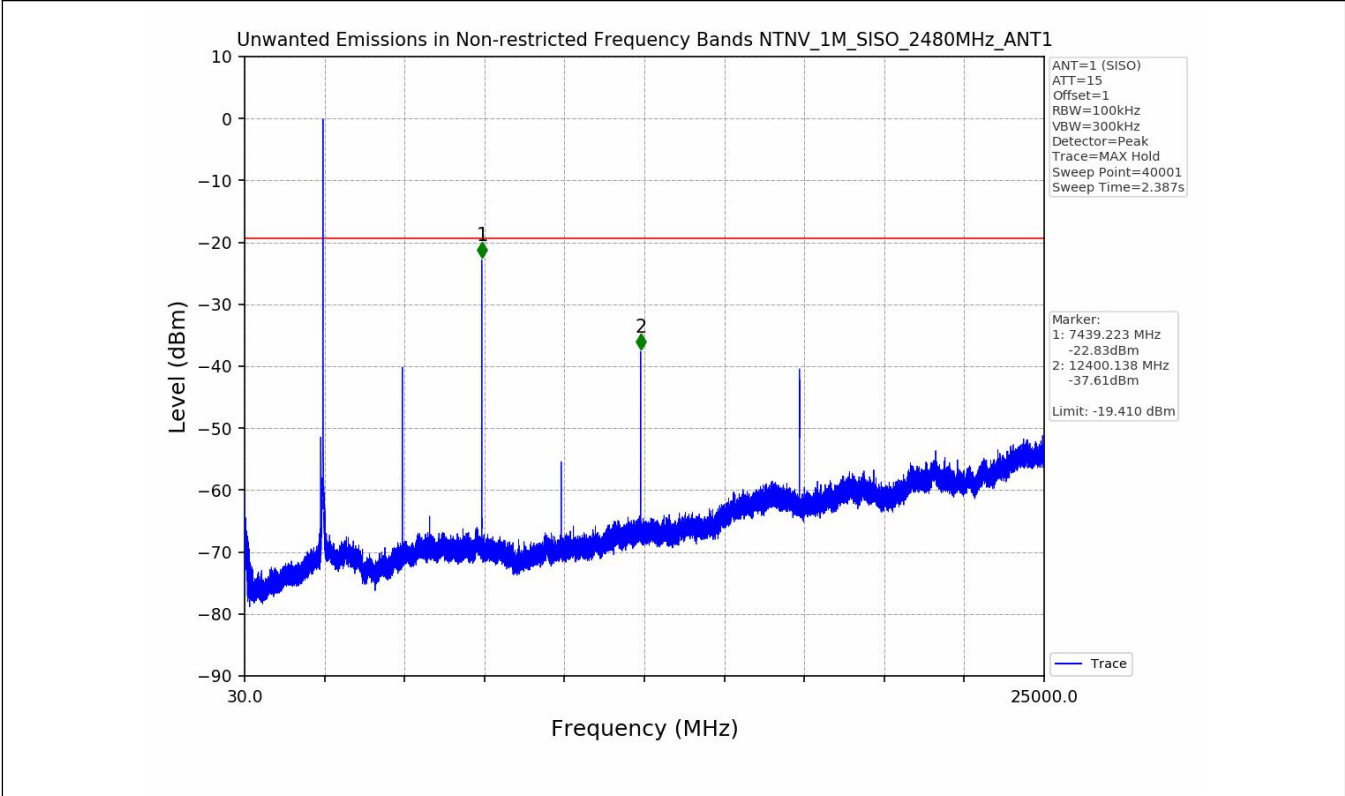
Test Mode	Frequency (MHz)	TX Type	ANT No.	Spurious Conducted Emission (dBm)	Limits (dBm)	Verdict
1M	2402	SISO	1	Refer to test graph	-19.41	PASS
	2440	SISO	1	Refer to test graph	-19.41	PASS
	2480	SISO	1	Refer to test graph	-19.41	PASS
2M	2402	SISO	1	Refer to test graph	-19.42	PASS
	2440	SISO	1	Refer to test graph	-19.42	PASS
	2480	SISO	1	Refer to test graph	-19.42	PASS

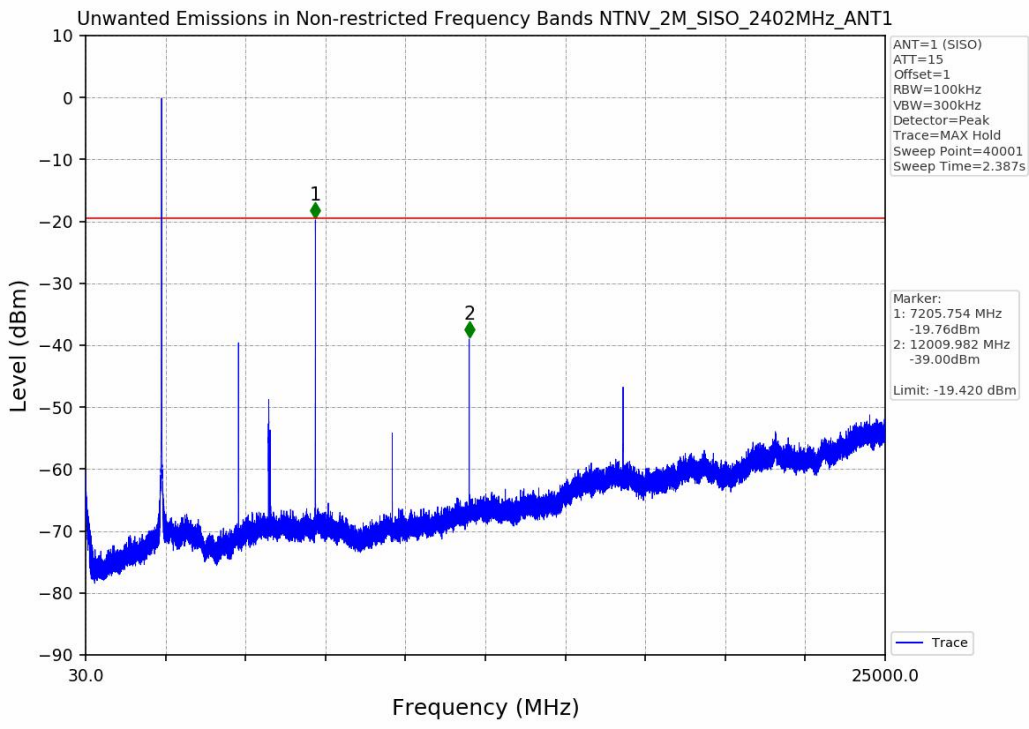
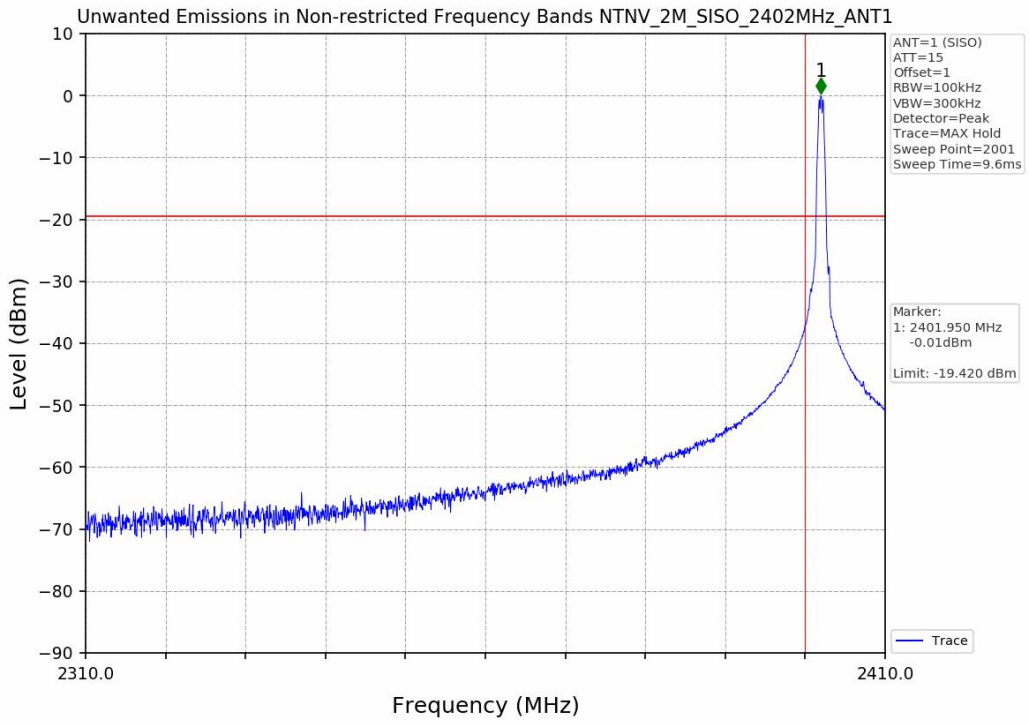
5.2 Test Graph

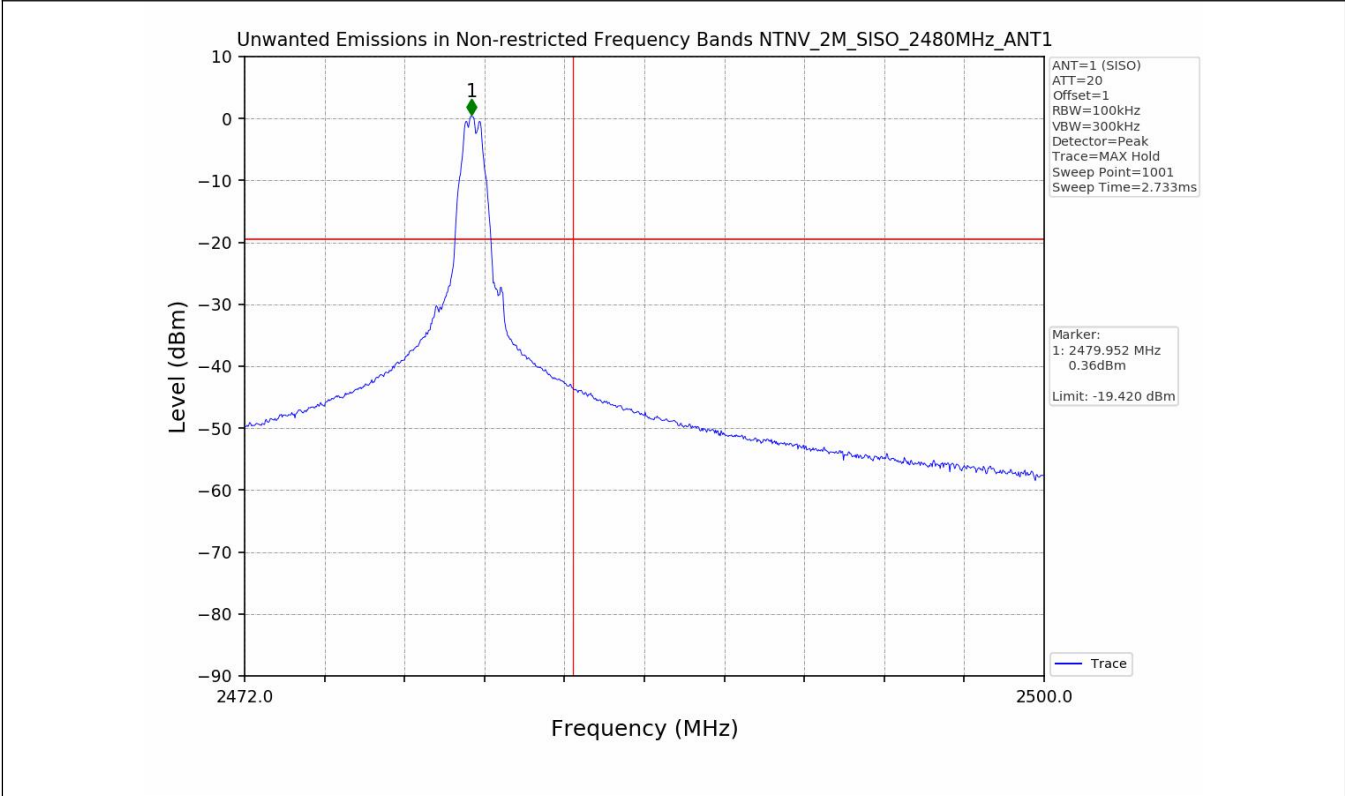
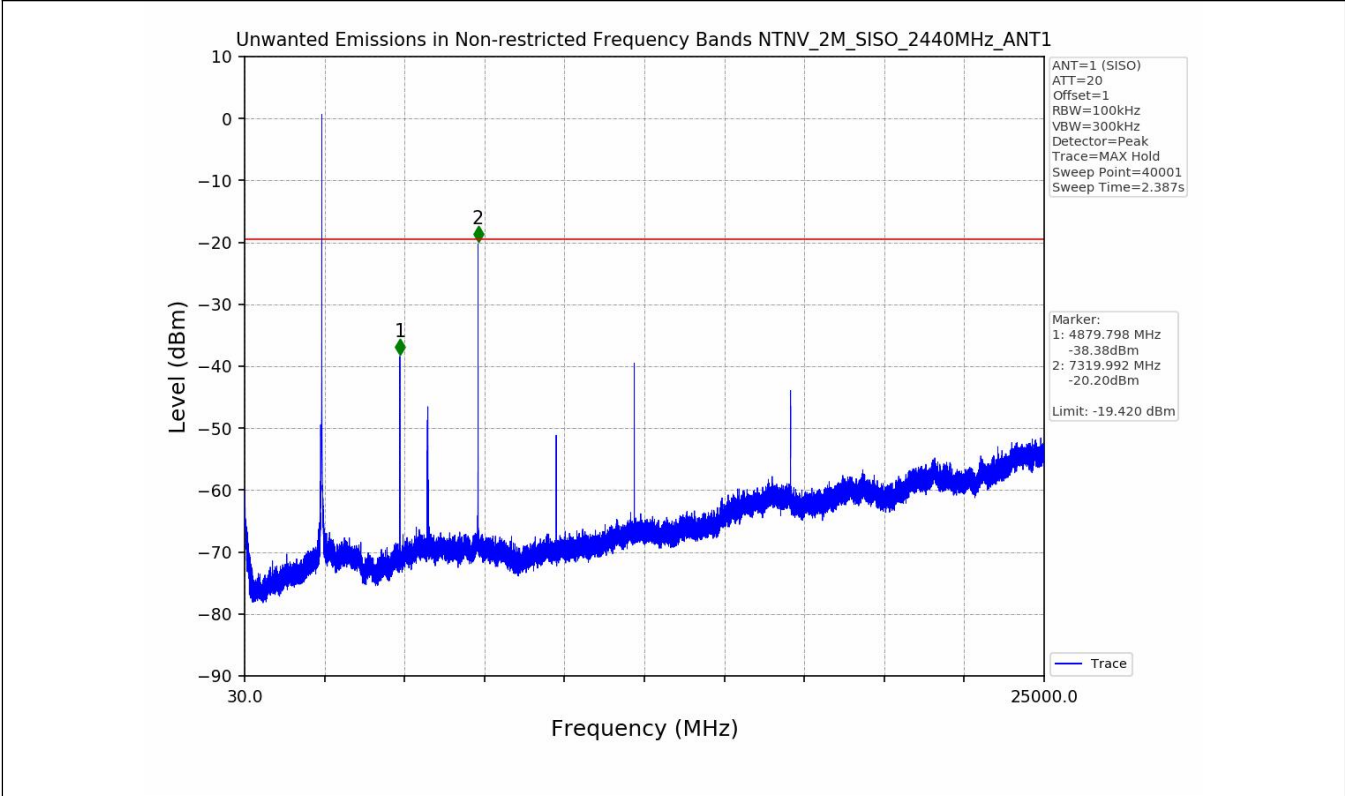




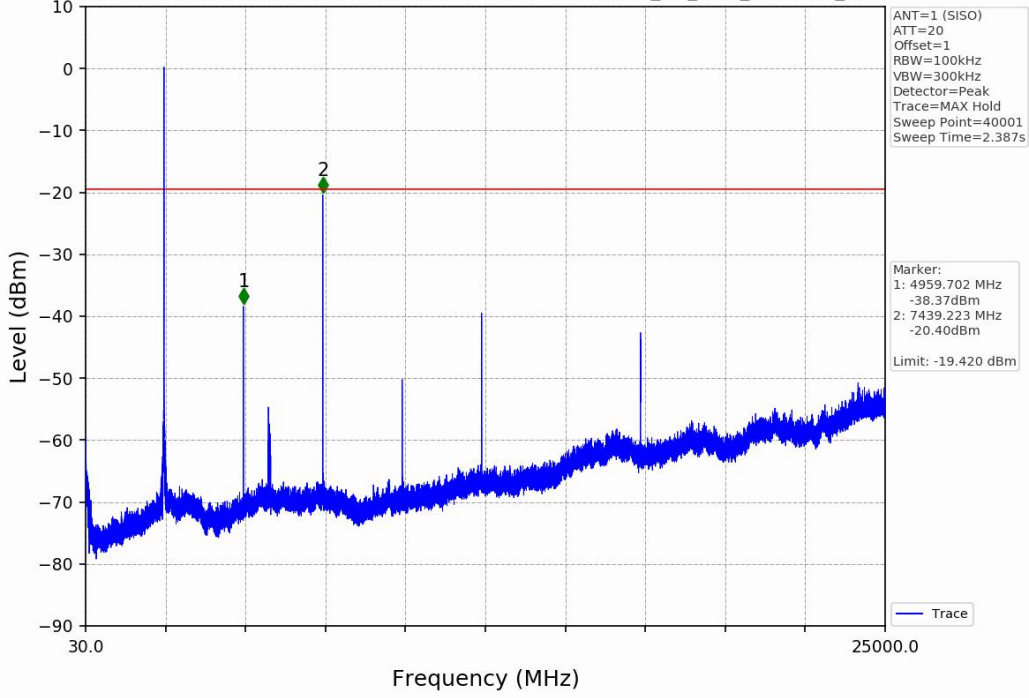








Unwanted Emissions in Non-restricted Frequency Bands NTVN_2M_SISO_2480MHz_ANT1

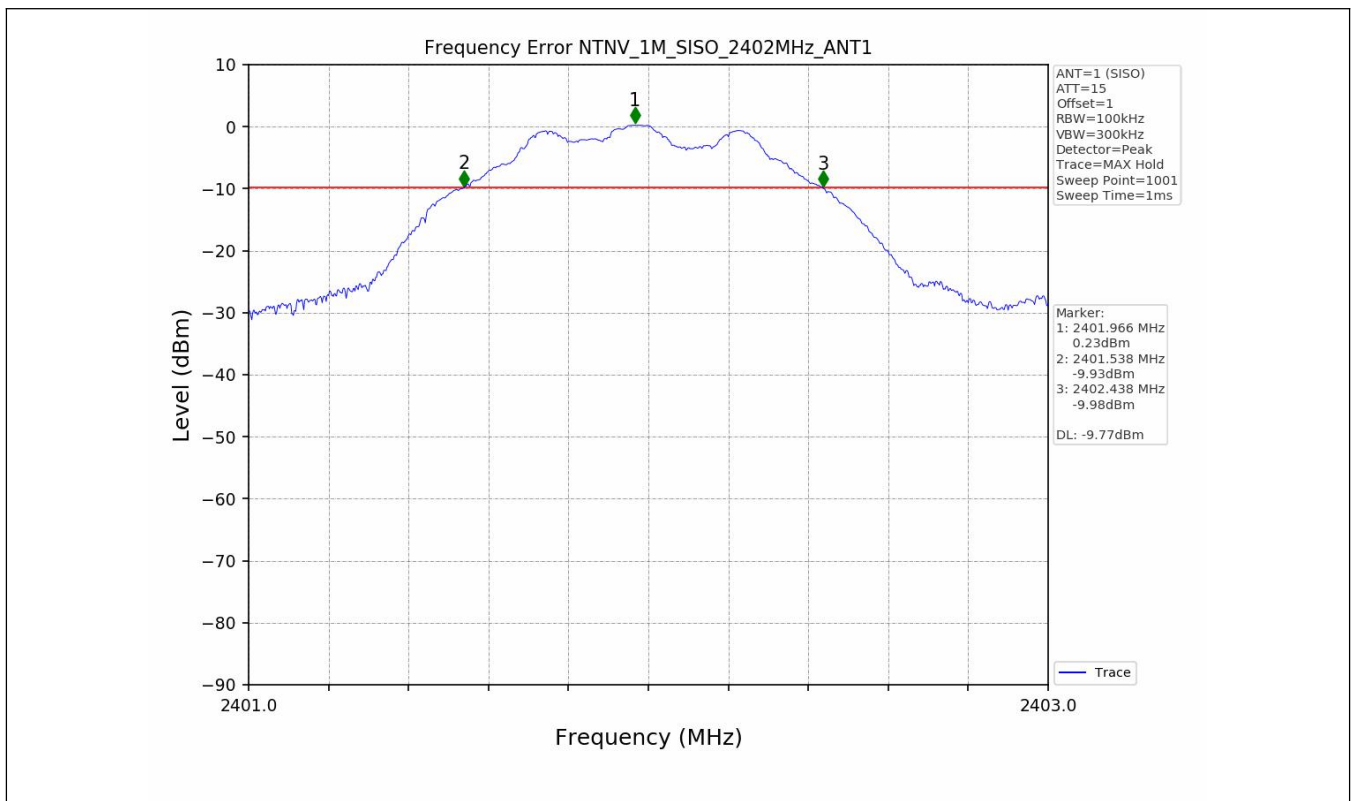


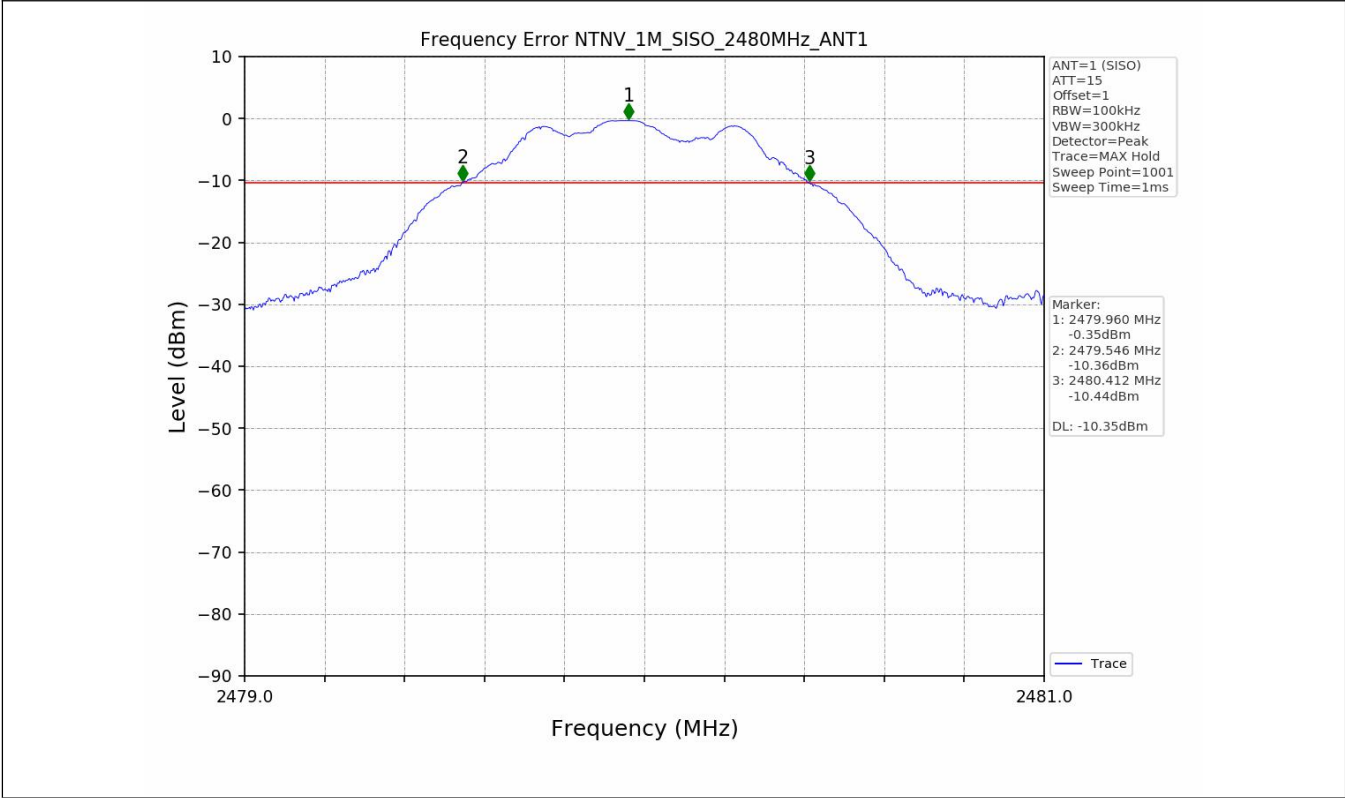
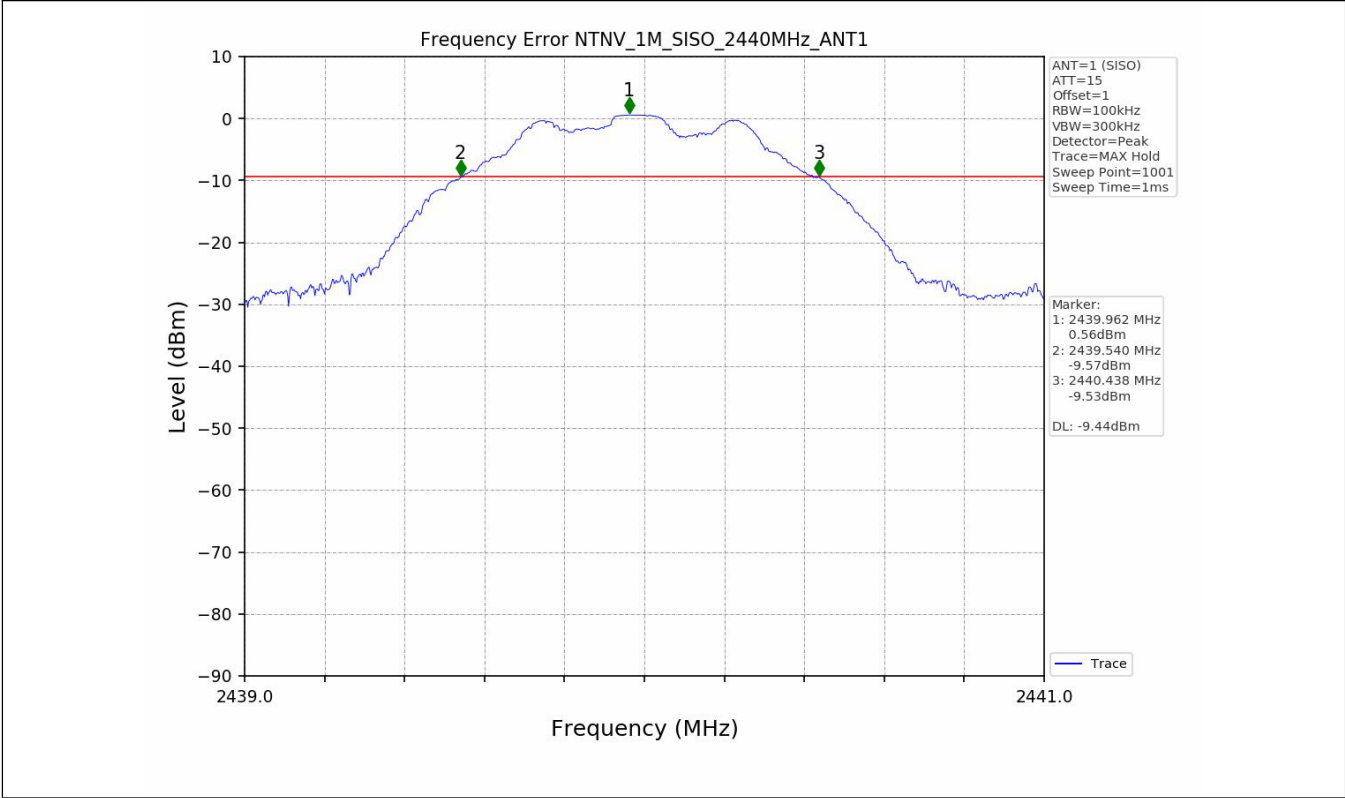
6. Frequency Error

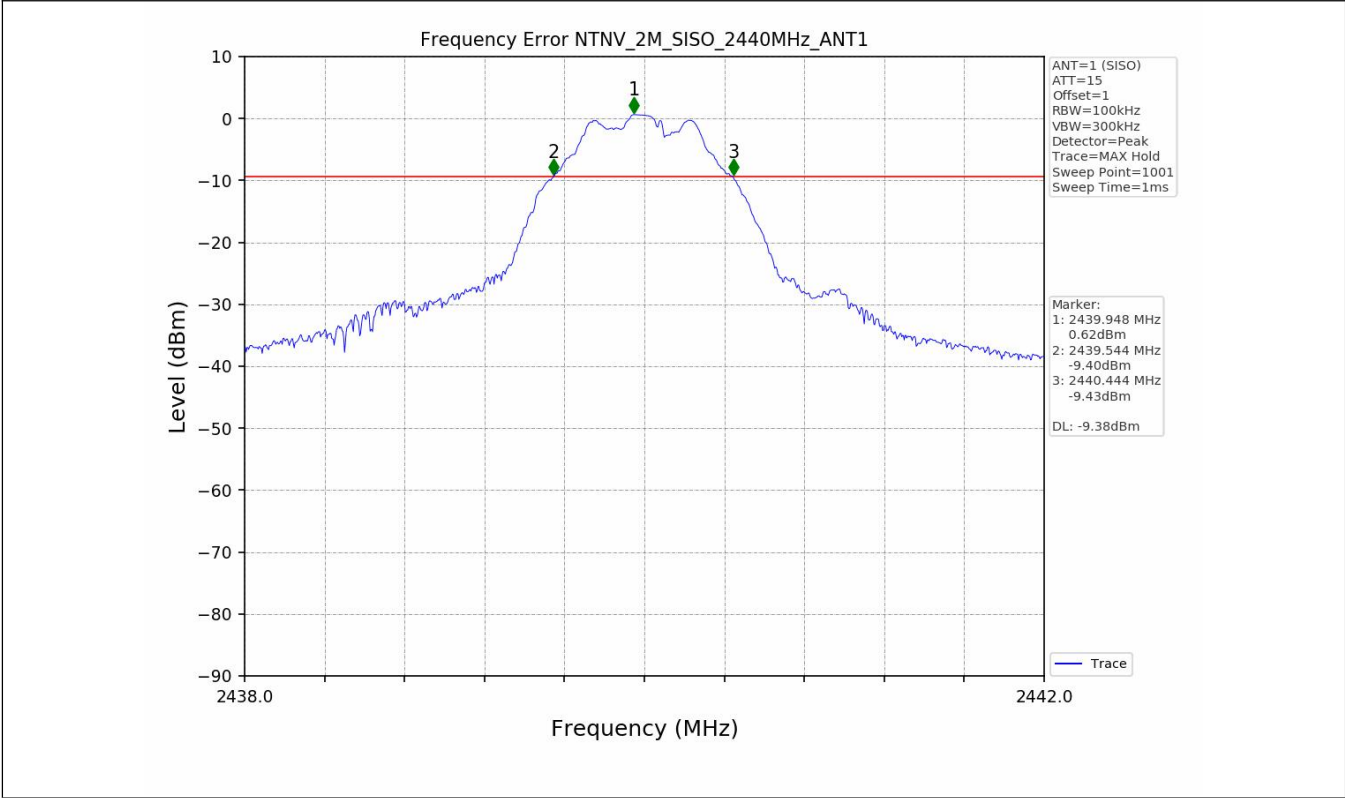
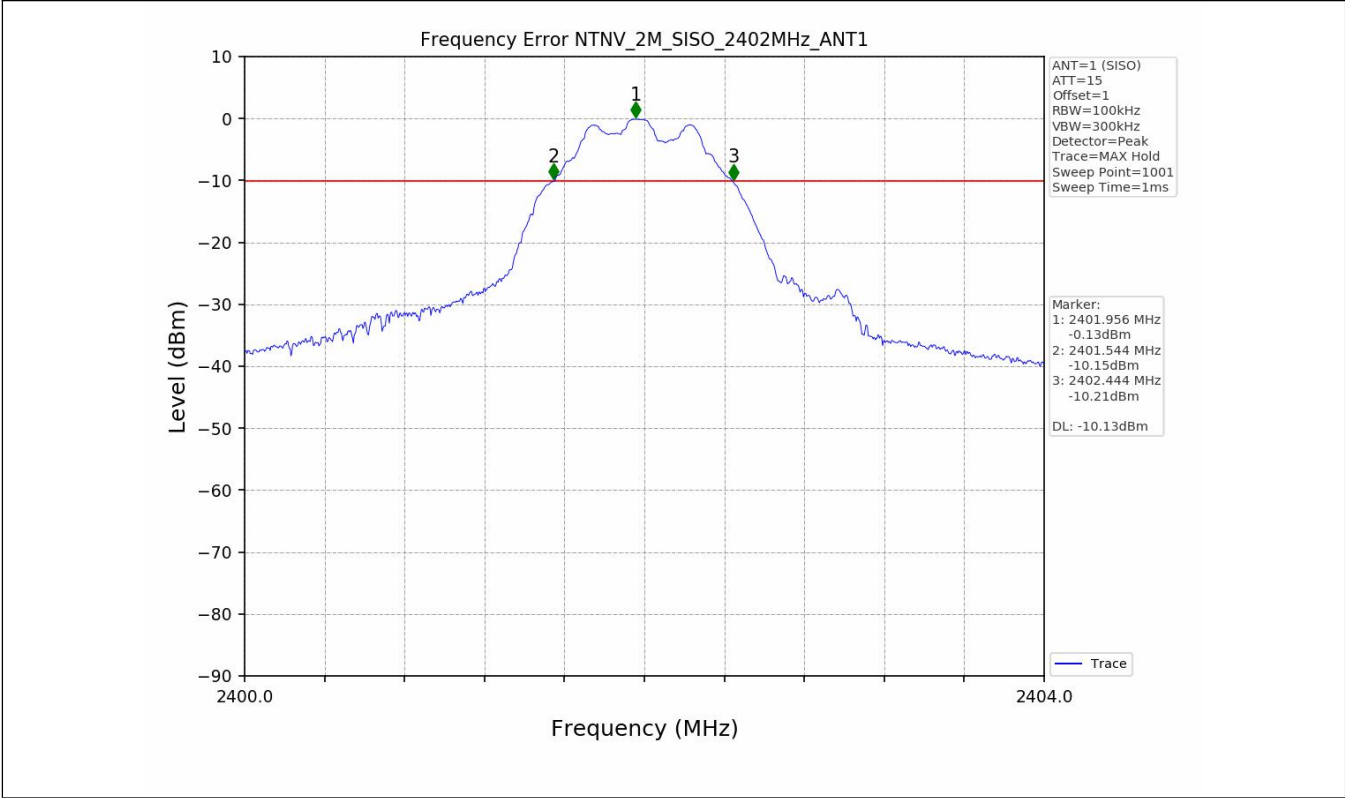
6.1 Test Result

Test Mode	Frequency (MHz)	TX Type	ANT	Measured Frequency (MHz)		Verdict
				Test Result	Limit	
1M	2402	SISO	1	2401.99	2400-2483.5	PASS
	2440	SISO	1	2439.99	2400-2483.5	PASS
	2480	SISO	1	2479.98	2400-2483.5	PASS
2M	2402	SISO	1	2401.99	2400-2483.5	PASS
	2440	SISO	1	2439.99	2400-2483.5	PASS
	2480	SISO	1	2479.99	2400-2483.5	PASS

6.2 Test Graph







Frequency Error NTVN_2M_SISO_2480MHz_ANT1

