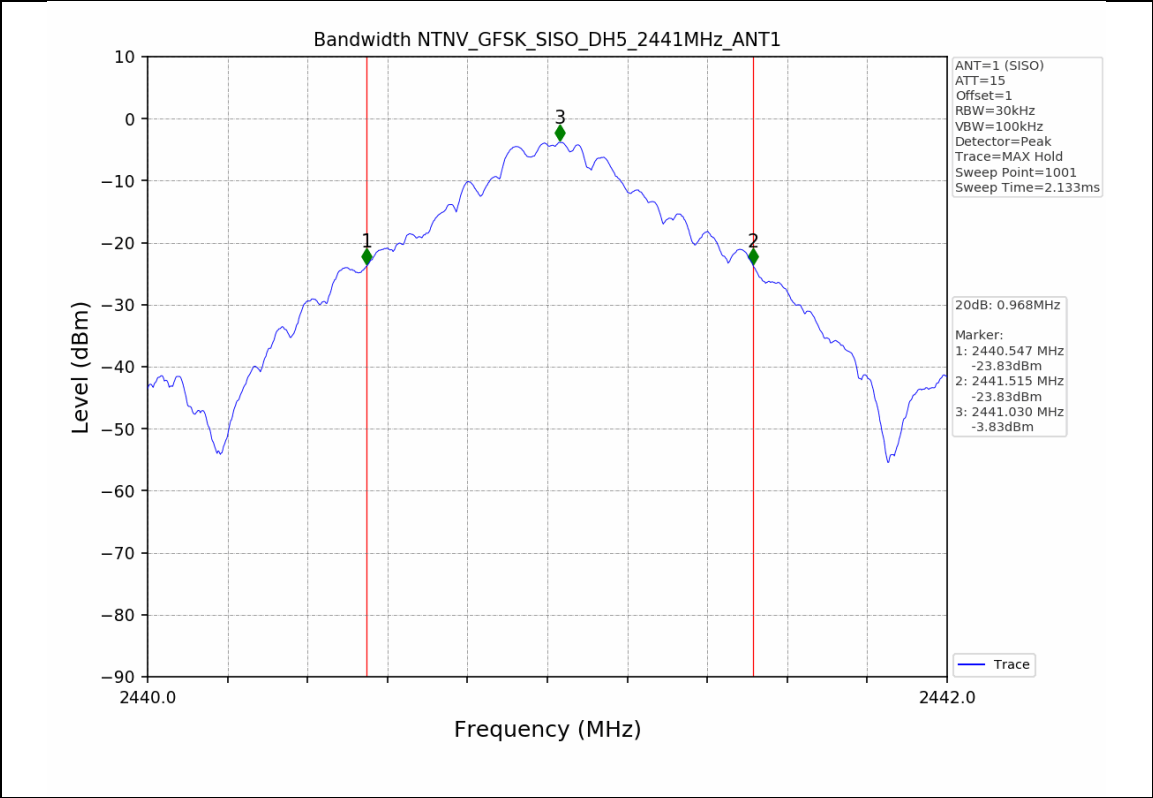
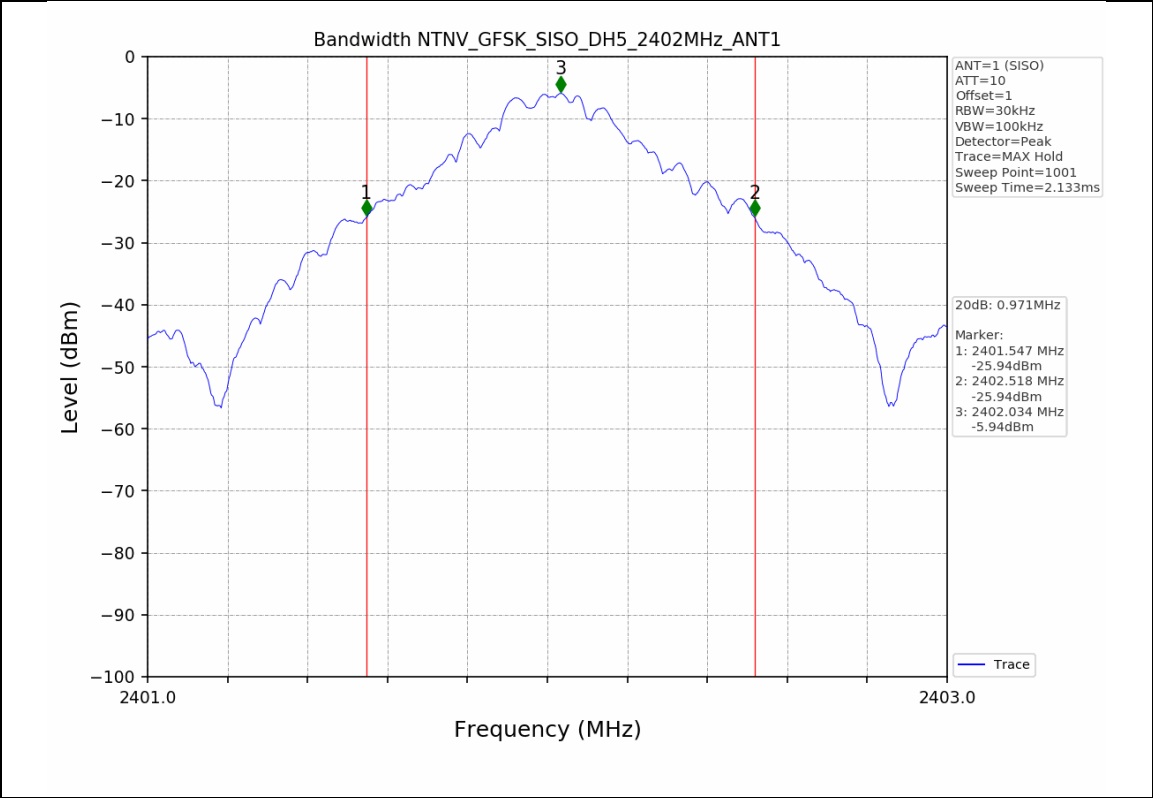


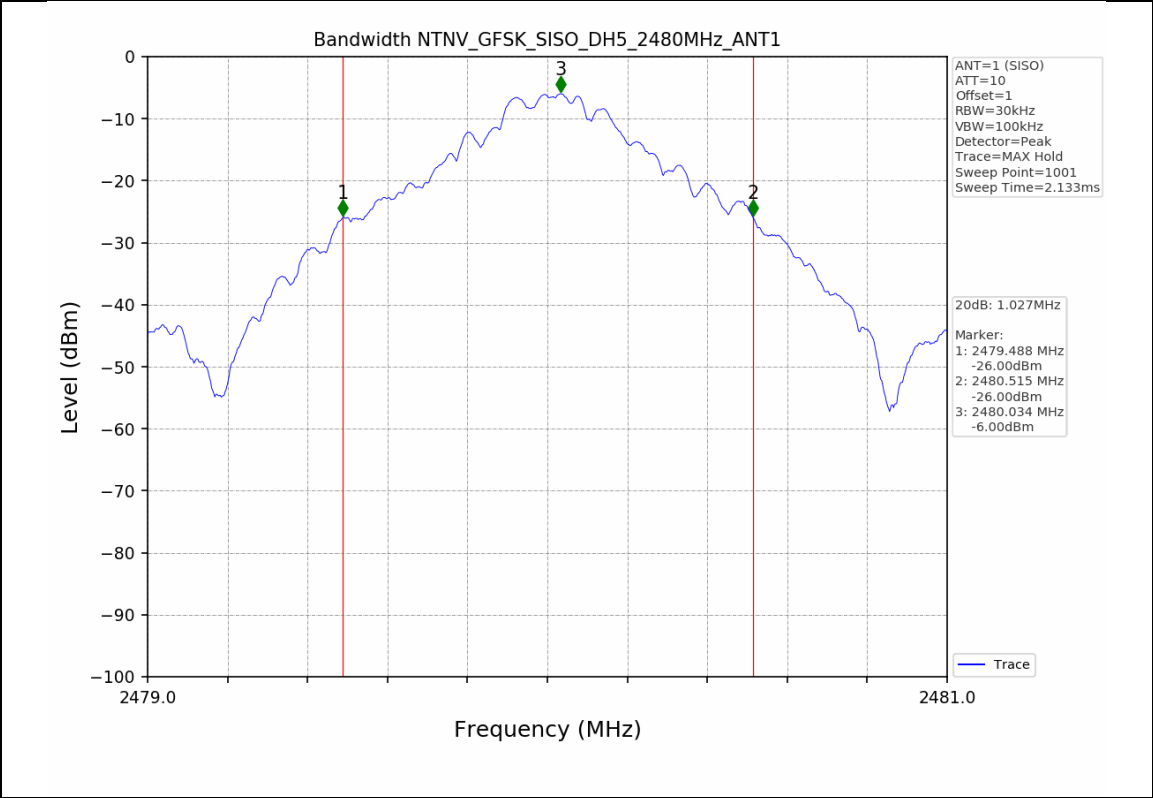
Appendix for 15.247**Product Name: Industrial Microcomputer****Test Model: FRD-WS-HD****1. Bandwidth****1.1 Test Result**

Test Mode	Frequency (MHz)	TX Type	ANT No.	20dB Bandwidth	Verdict
				Test Result (MHz)	
GFSK	2402	SISO	1	0.971	PASS
	2441	SISO	1	0.968	PASS
	2480	SISO	1	1.027	PASS

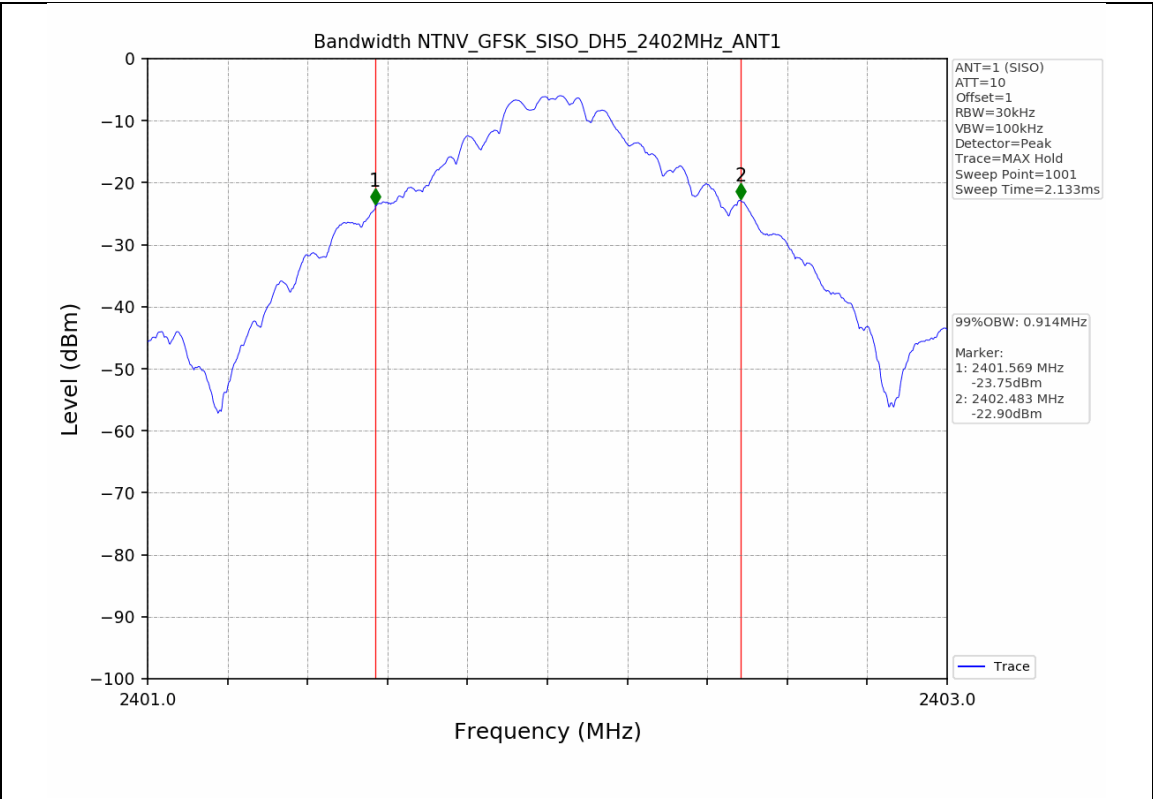
Test Mode	Frequency (MHz)	TX Type	ANT No.	99% Occupied Bandwidth	
				Test Result (MHz)	
GFSK	2402	SISO	1	0.914	Only for Report Use
	2441	SISO	1	0.912	Only for Report Use
	2480	SISO	1	0.917	Only for Report Use

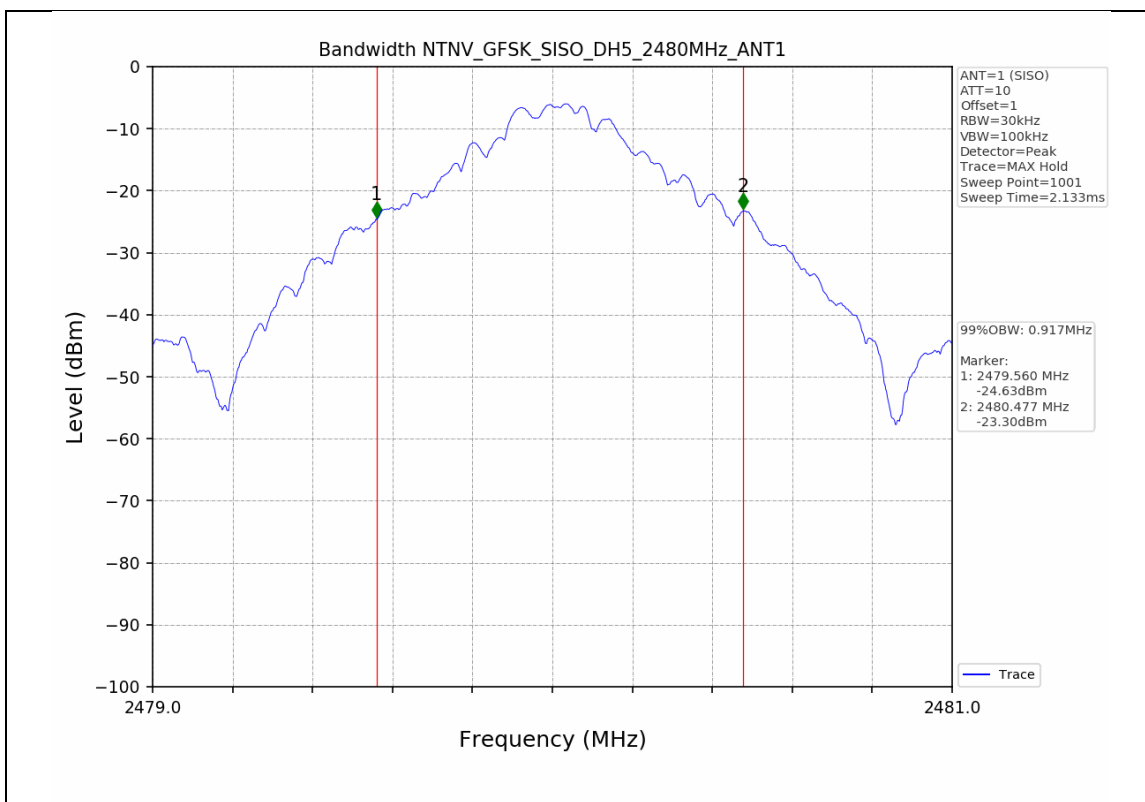
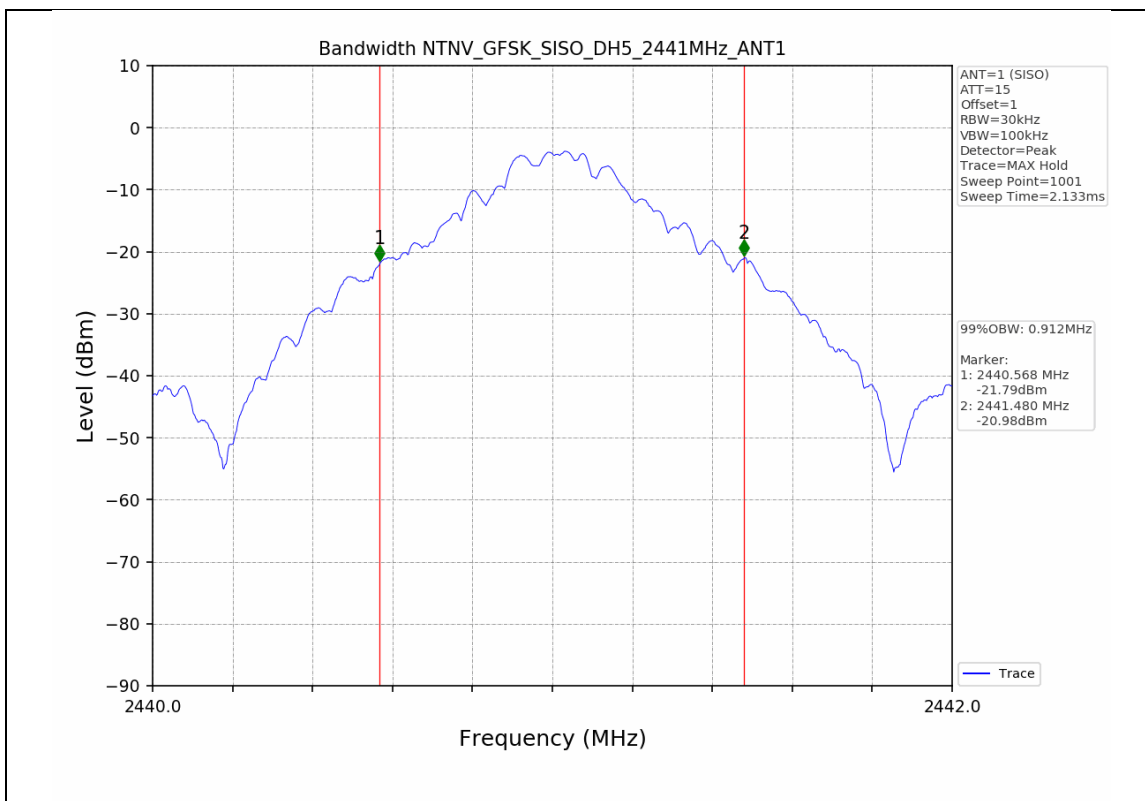
1.2 Test Graph - 20dB Bandwidth





1.3 Test Graph - 99% Occupied Bandwidth



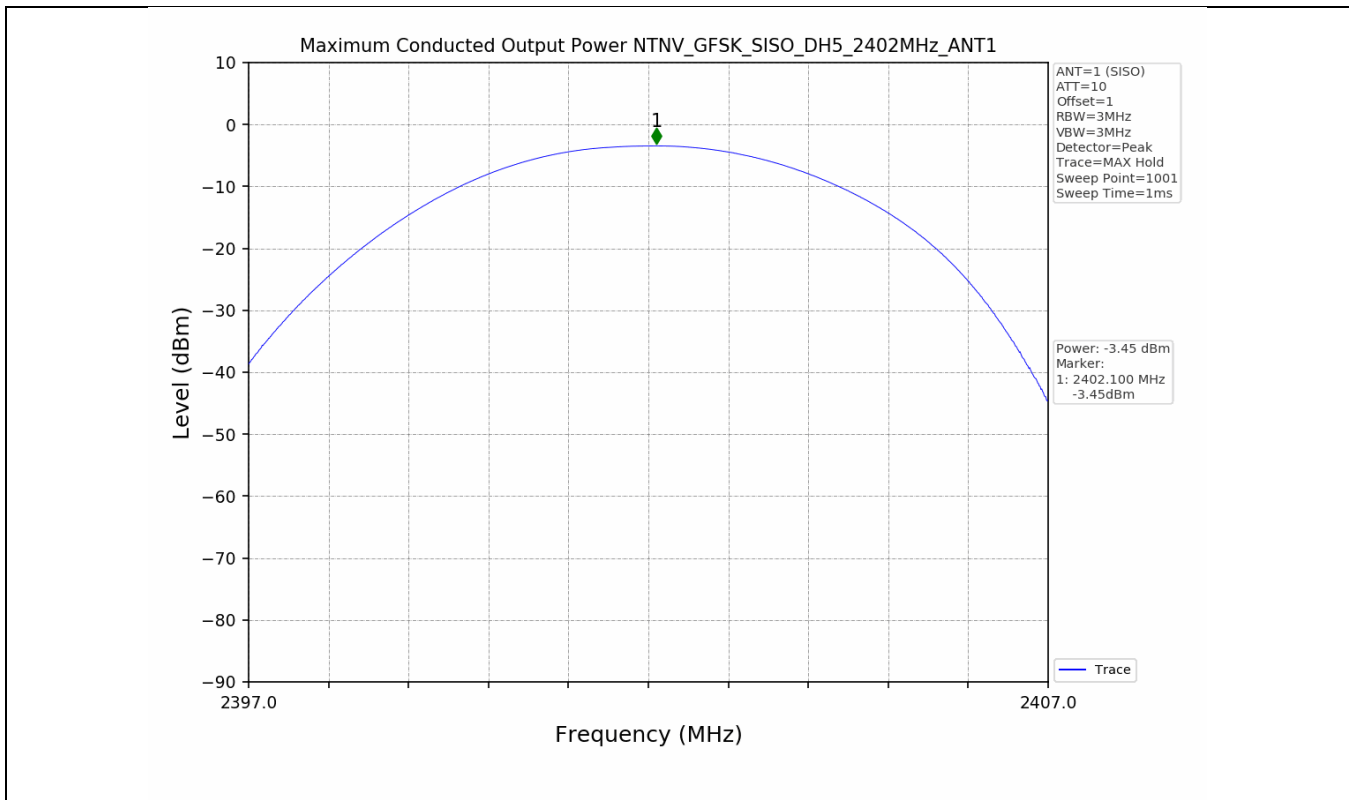


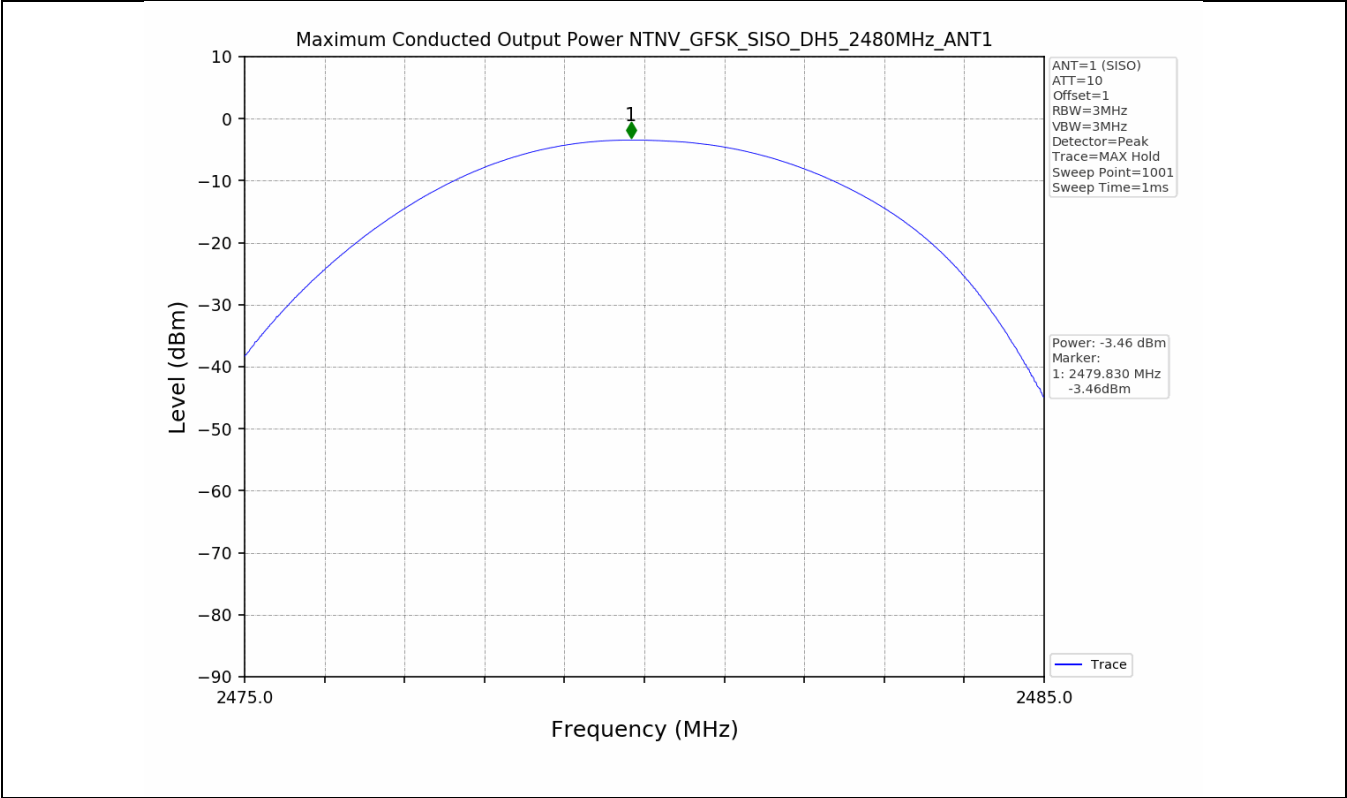
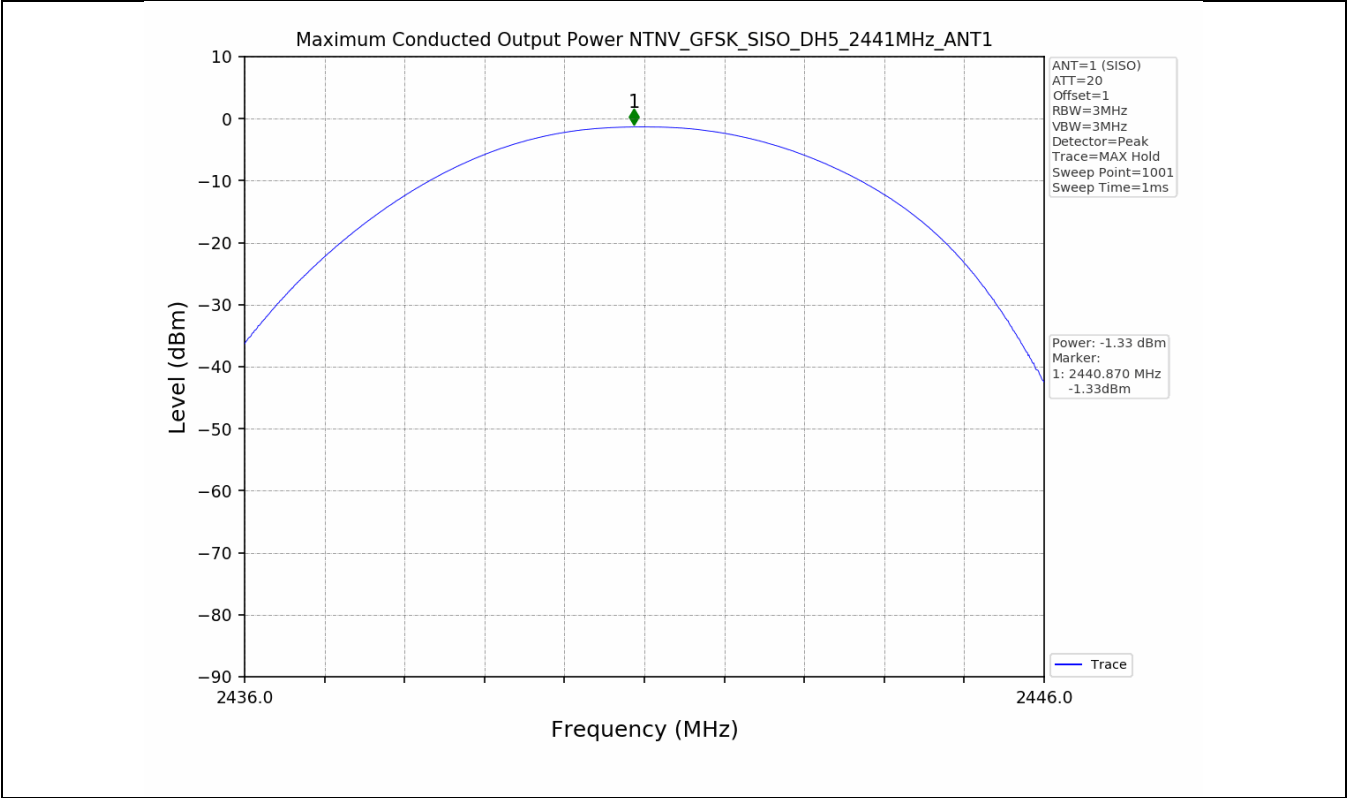
2. Maximum Conducted Output Power

2.1 Test Result

Test Mode	Frequency (MHz)	Tx Type	Measured Peak Output Power (dBm)	Limits (dBm)	Verdict
			Ant 1		
GFSK	2402	SISO	-3.45	20.97	PASS
	2441	SISO	-1.33	20.97	PASS
	2480	SISO	-3.46	20.97	PASS

2.2 Test Graph



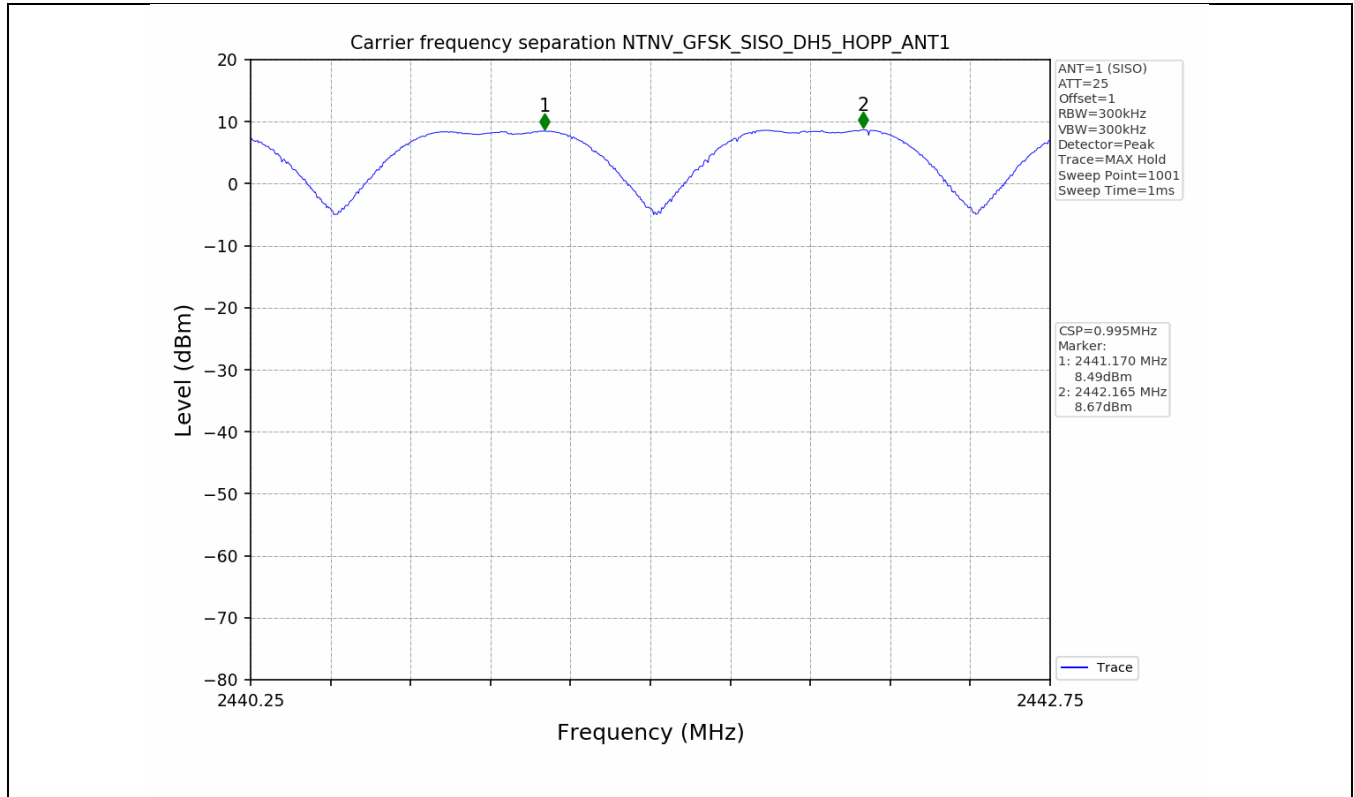


3. Carrier frequency separation

3.1 Test Result

Test Mode	TX Type	ANT No.	Channel Separation (MHz)	20dB Bandwidth (MHz)	Limits (MHz)	Verdict
GFSK	SISO	1	0.995	1.027	≥ 0.685	PASS

3.2 Test Graph

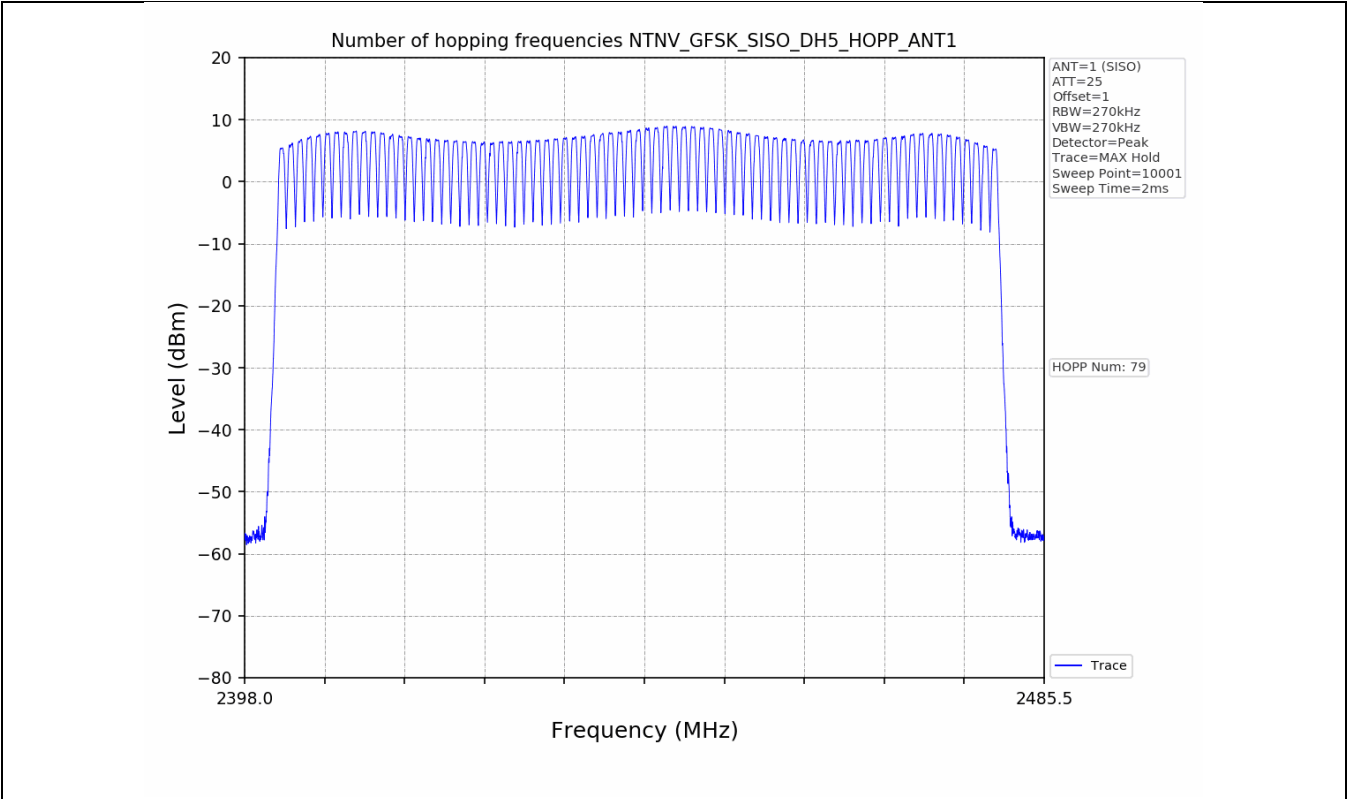


4. Number of hopping frequencies

4.1 Test Result

Test Mode	TX Type	ANT No.	Num of Hopping Frequencies	Limits	Verdict
GFSK	SISO	1	79	≥15	PASS

4.2 Test Graph

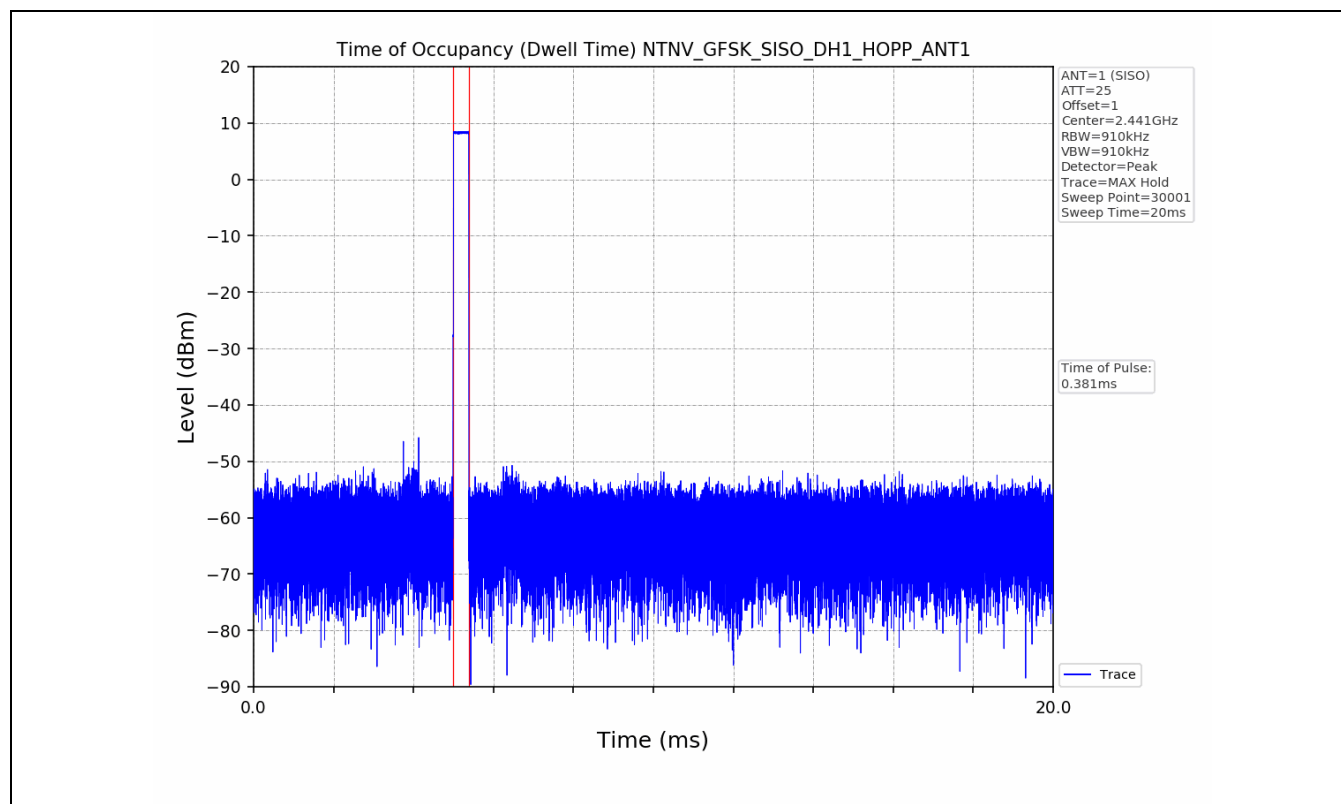


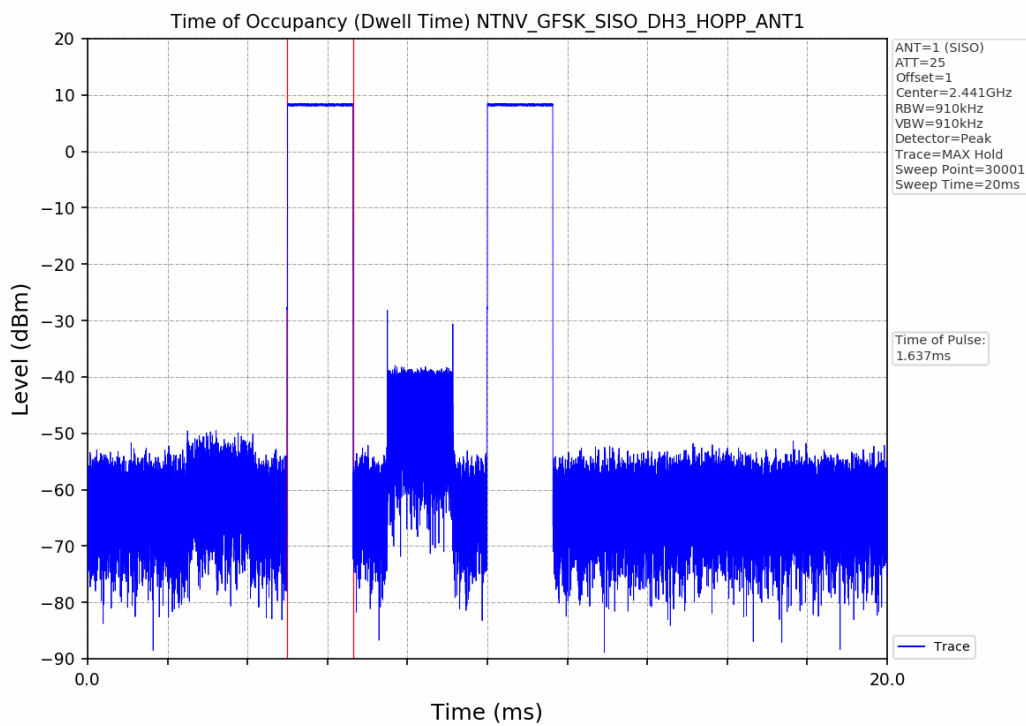
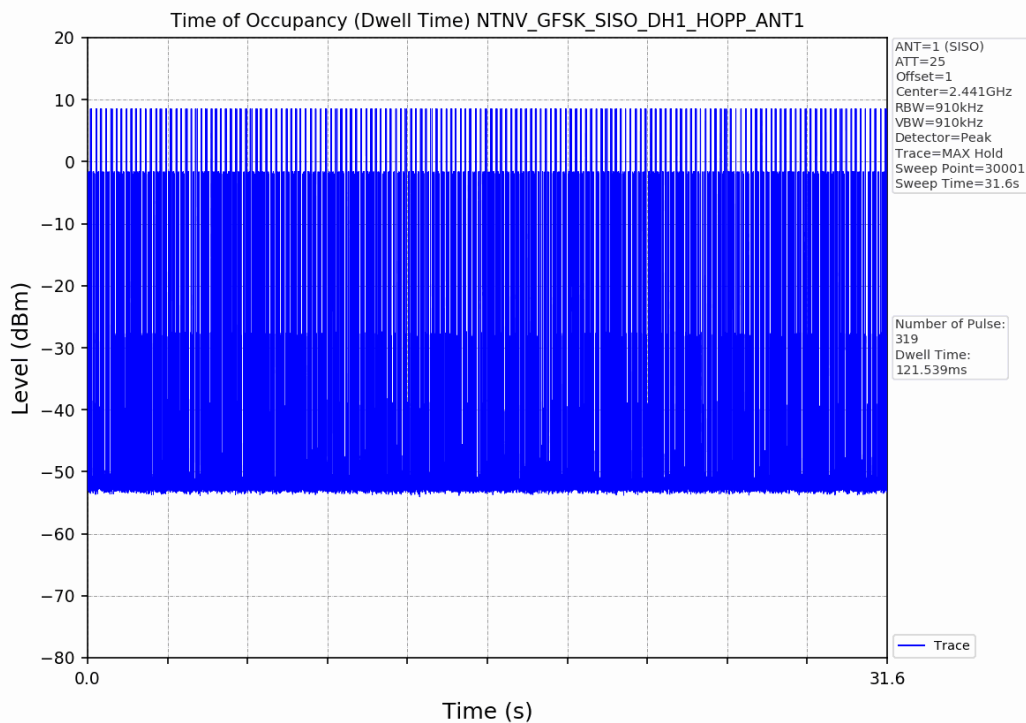
5. Time of Occupancy (Dwell Time)

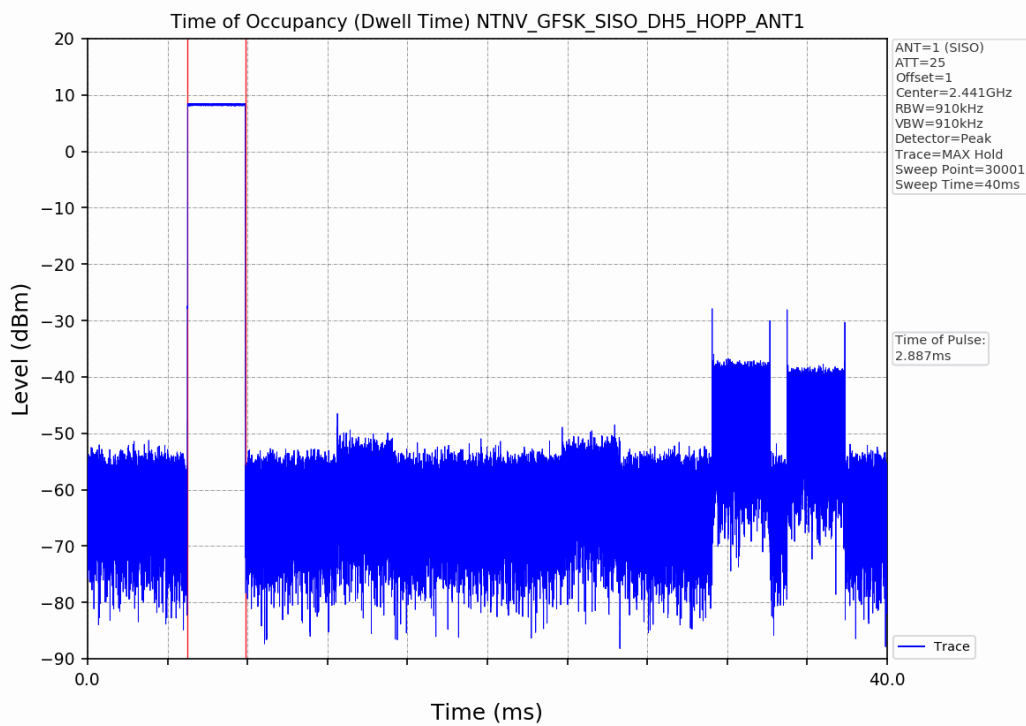
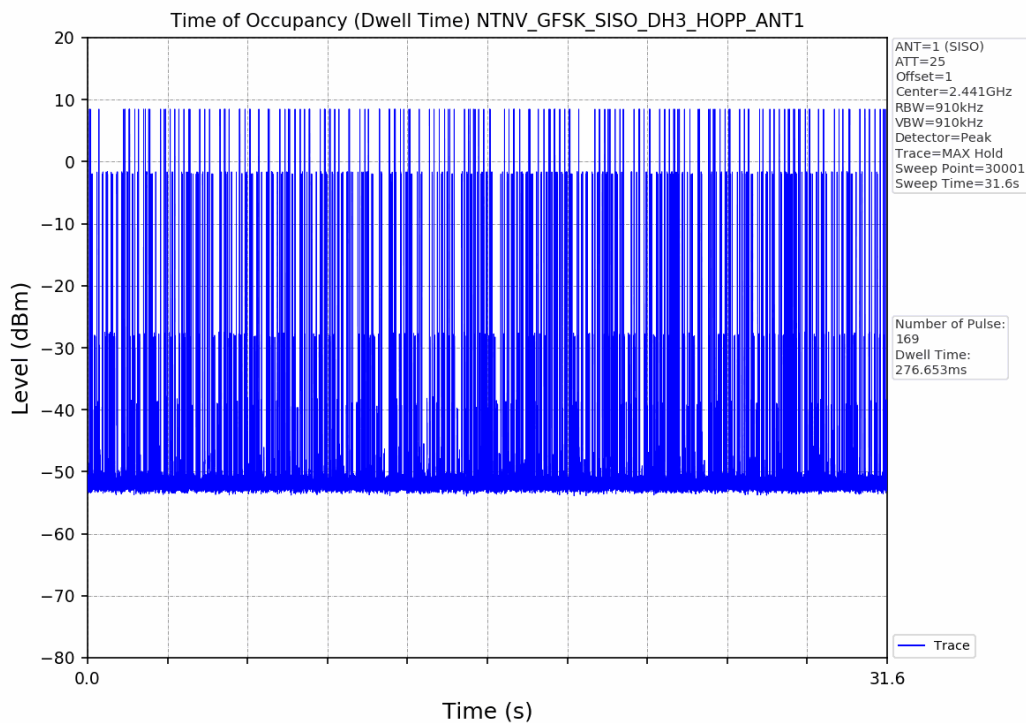
5.1 Test Result

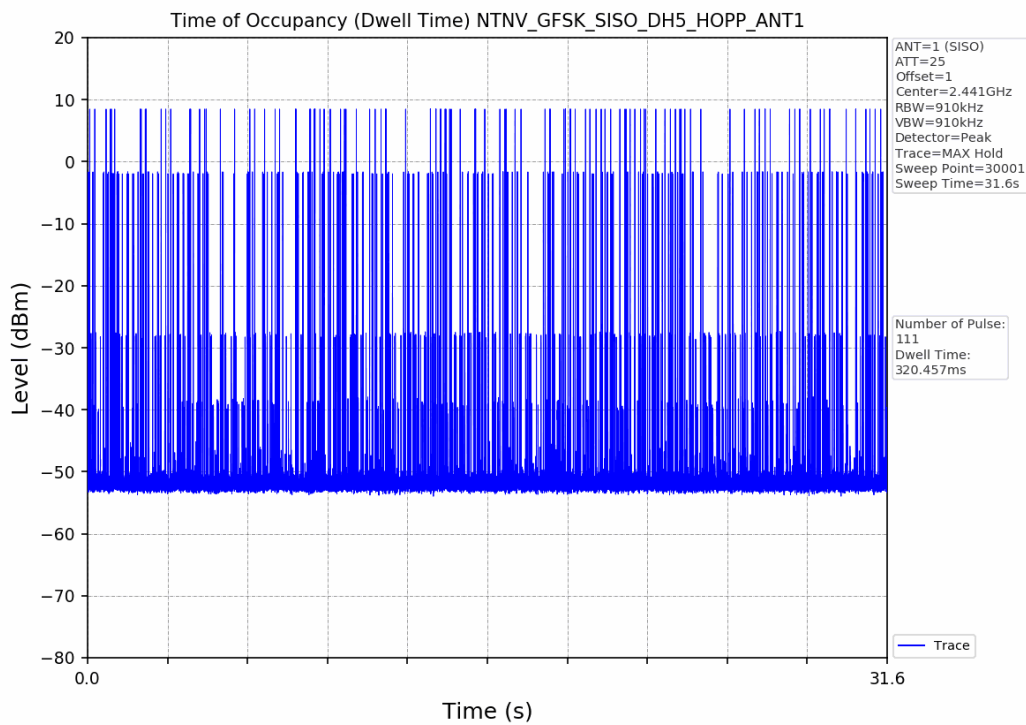
Test Mode	Packet Type	TX Type	ANT No.	Duration of Single Pulse (ms)	Observation Period (s)	Num of Pulse in Observation Period	Dwell Time (ms)	Limits (ms)	Verdict
GFSK	DH1	SISO	1	0.381	31.6	319	121.539	≤400	PASS
	DH3	SISO	1	1.637	31.6	169	276.653	≤400	PASS
	DH5	SISO	1	2.887	31.6	111	320.457	≤400	PASS

5.2 Test Graph







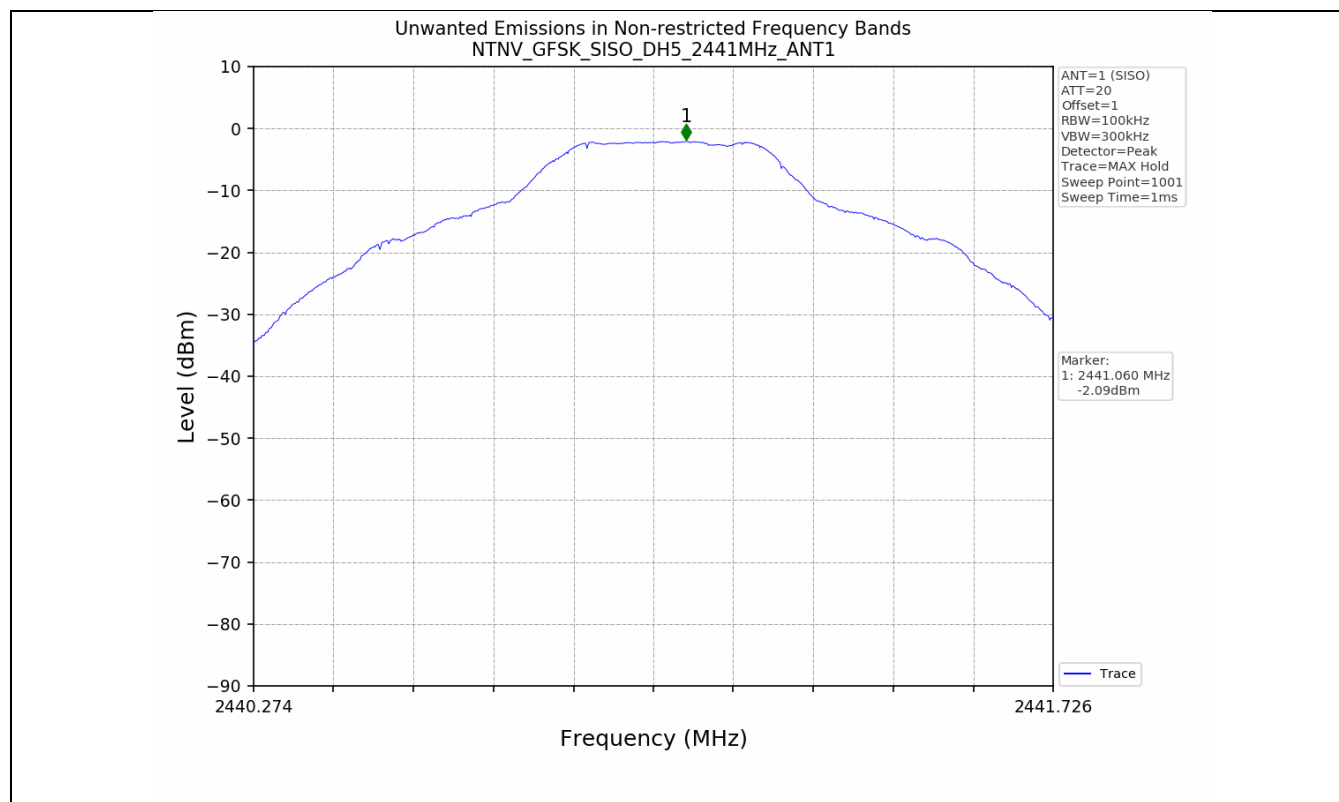


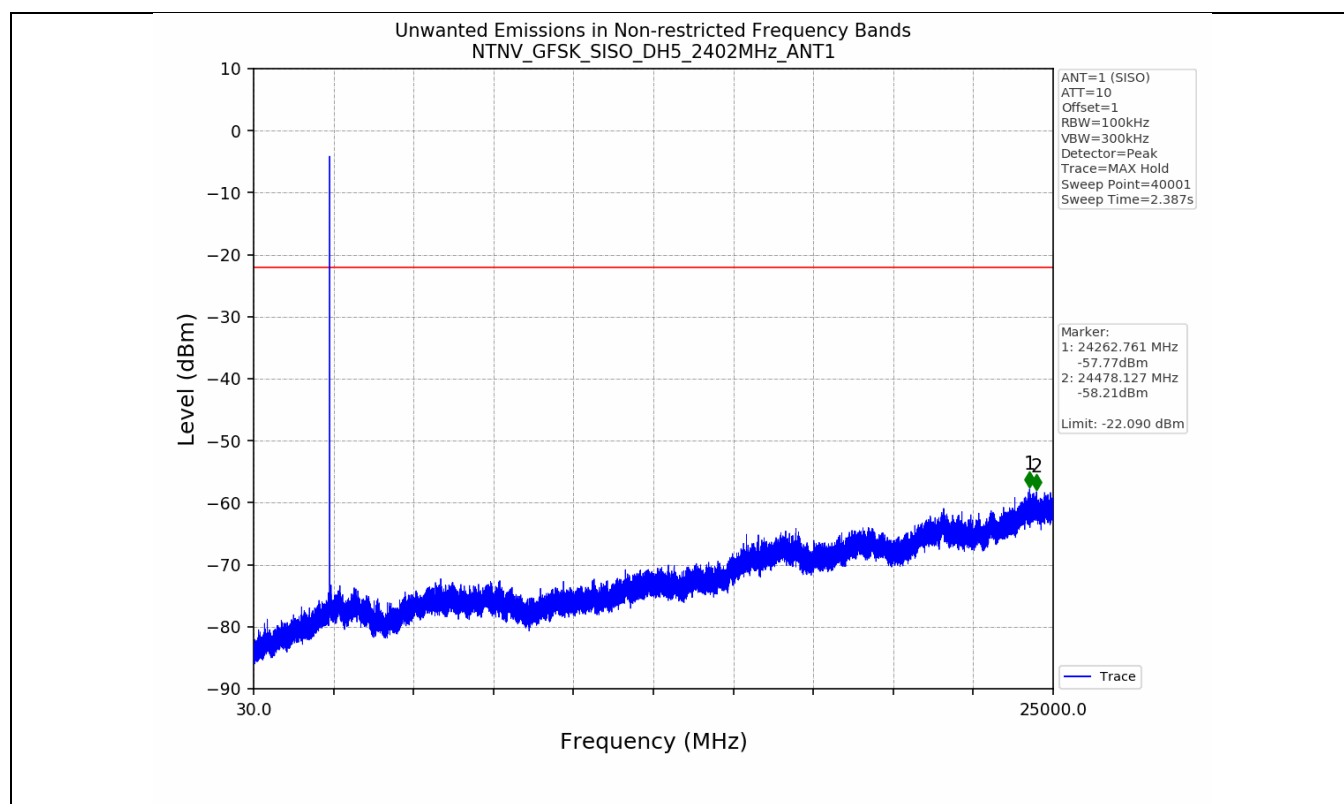
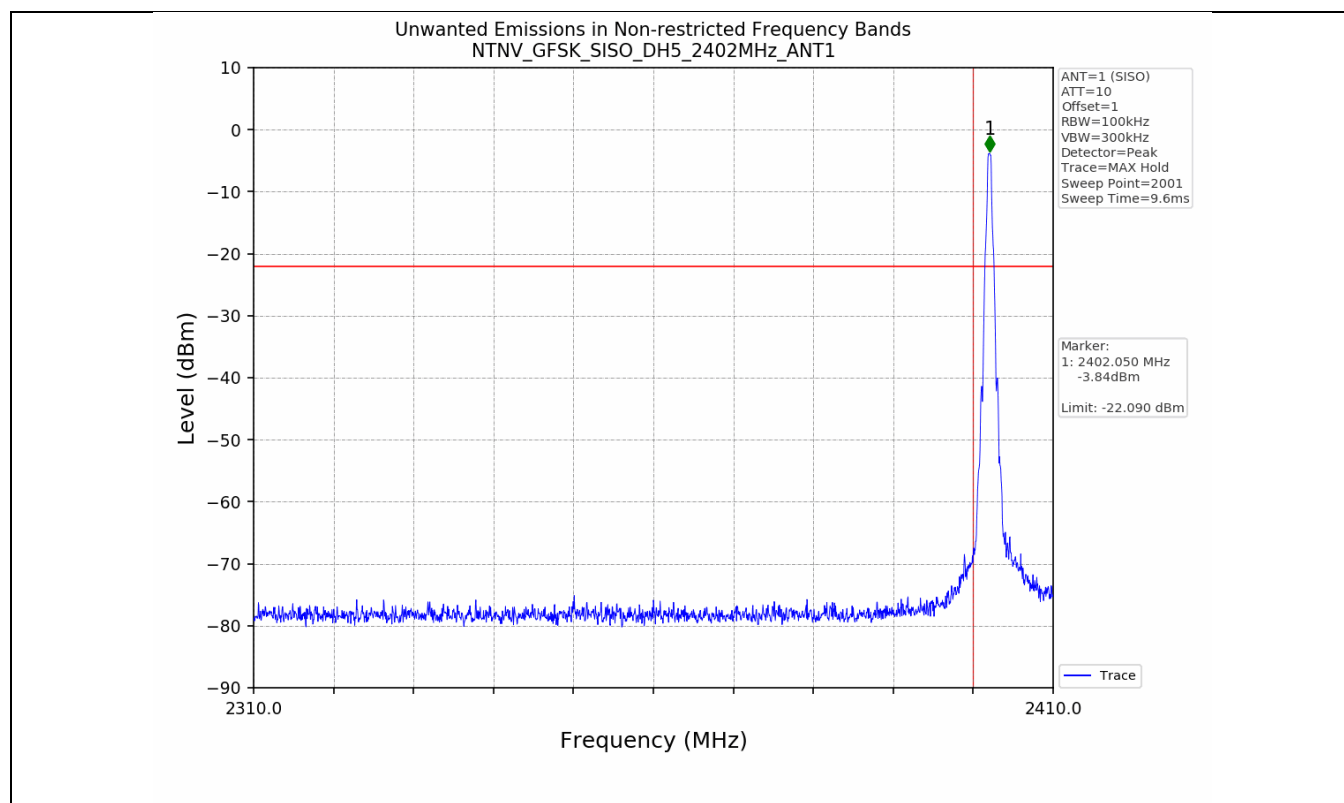
6. Unwanted Emissions in Non-restricted Frequency Bands

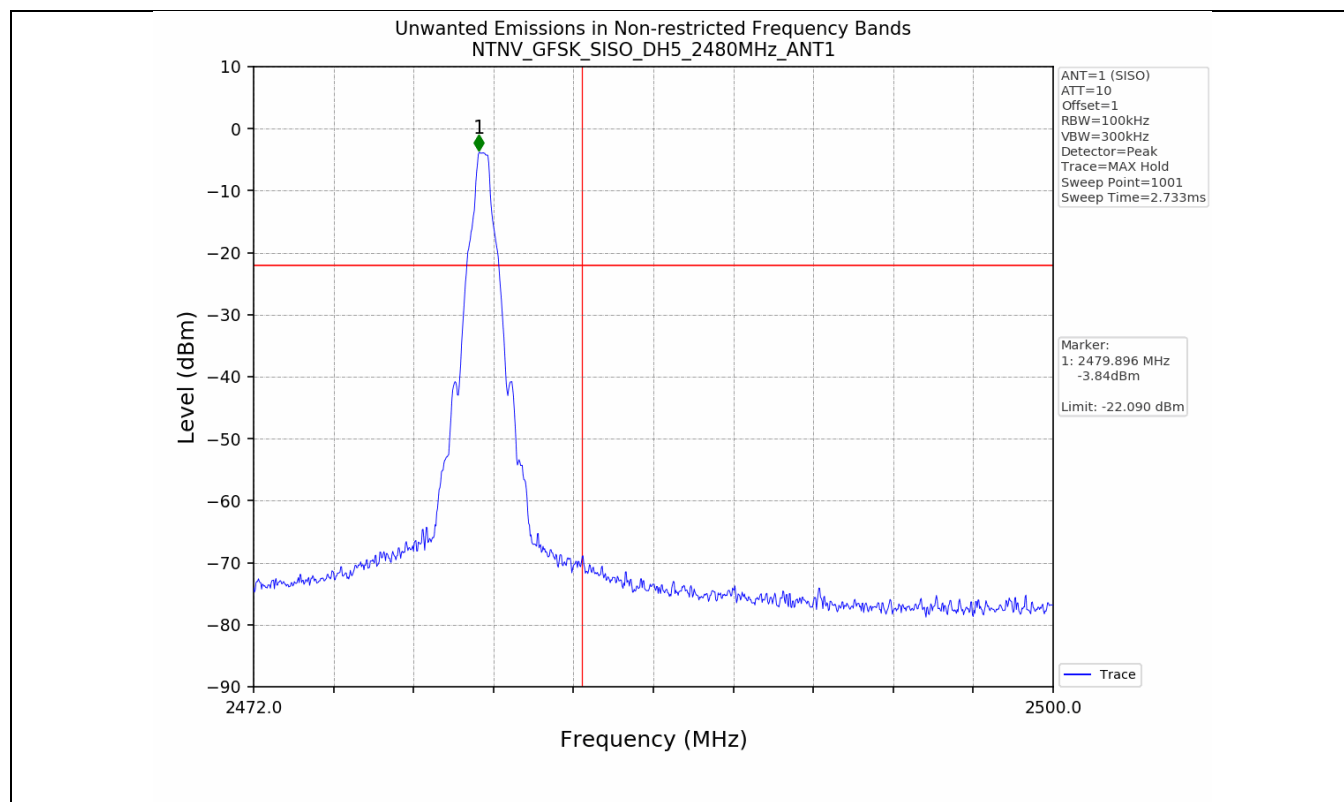
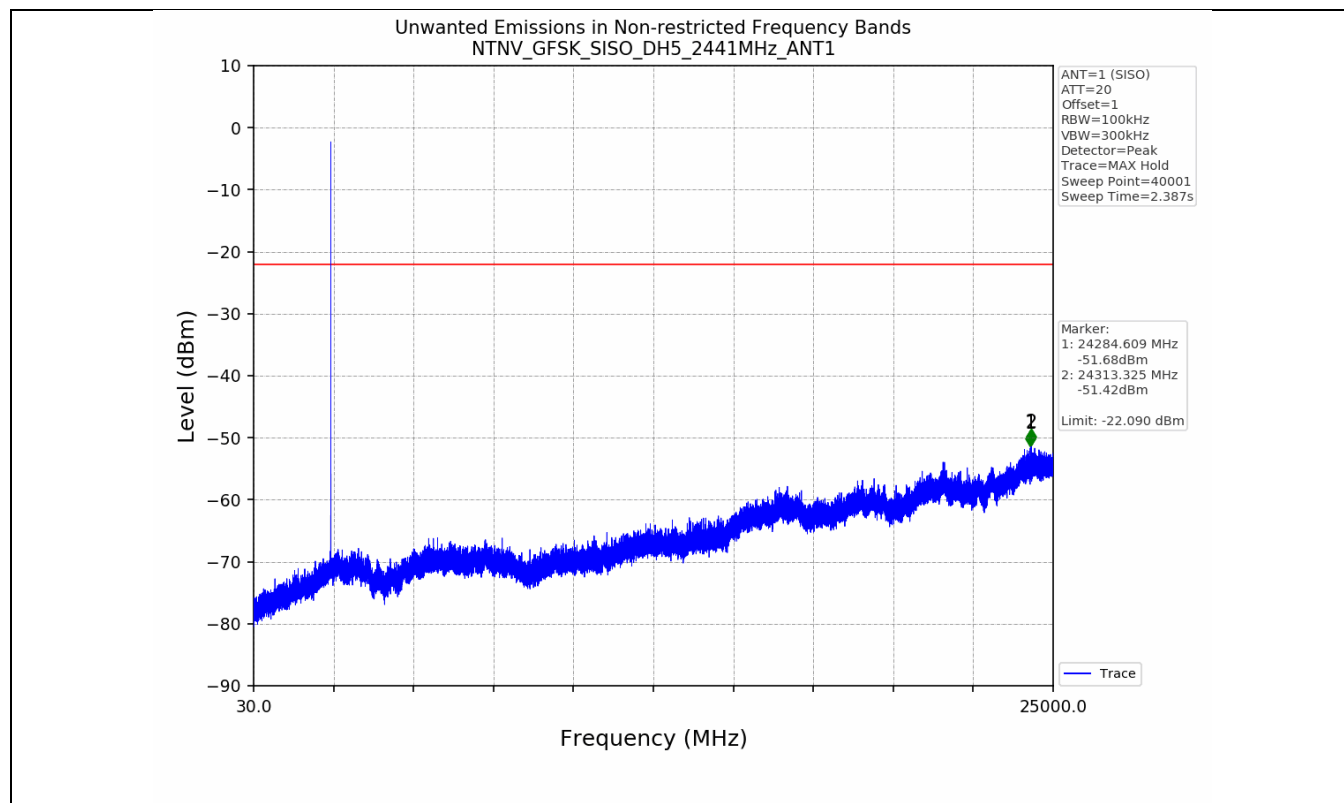
6.1 Test Result

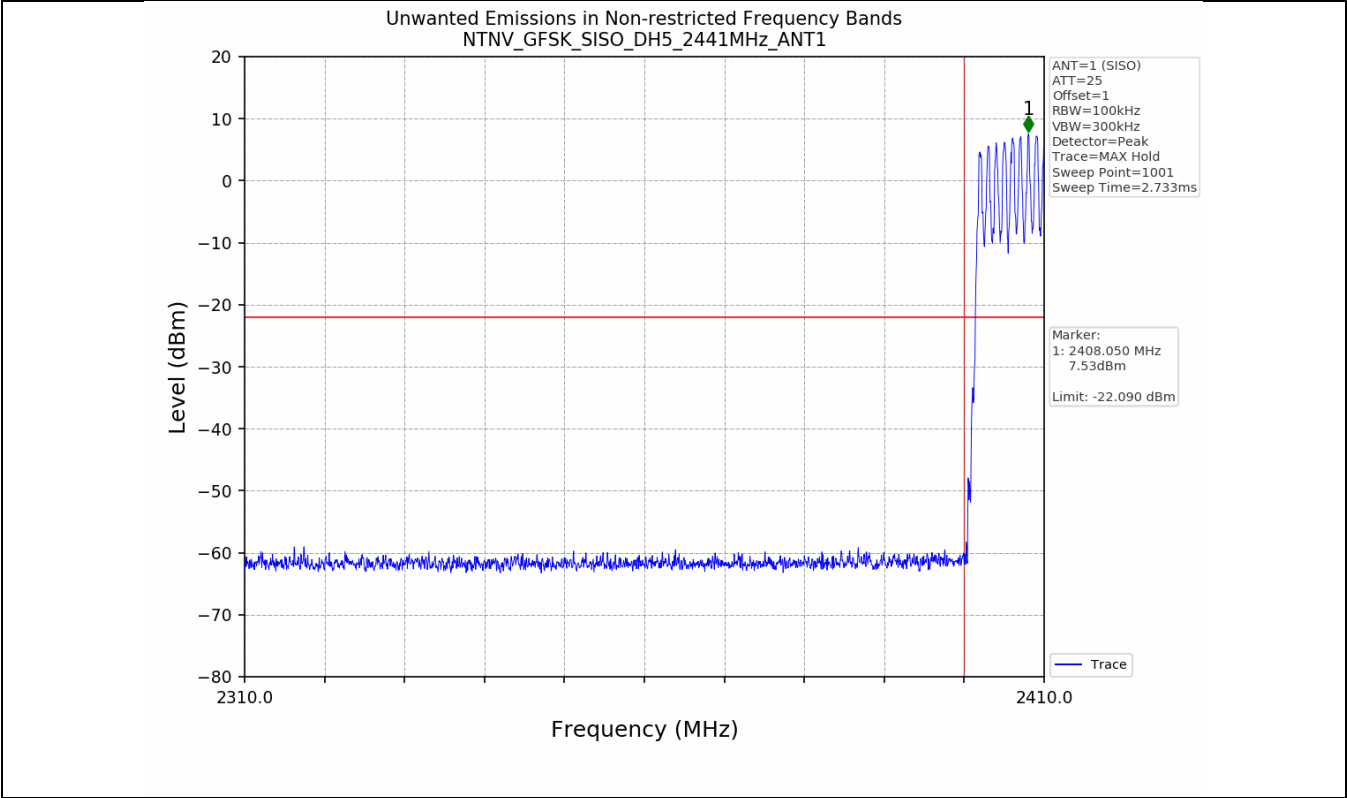
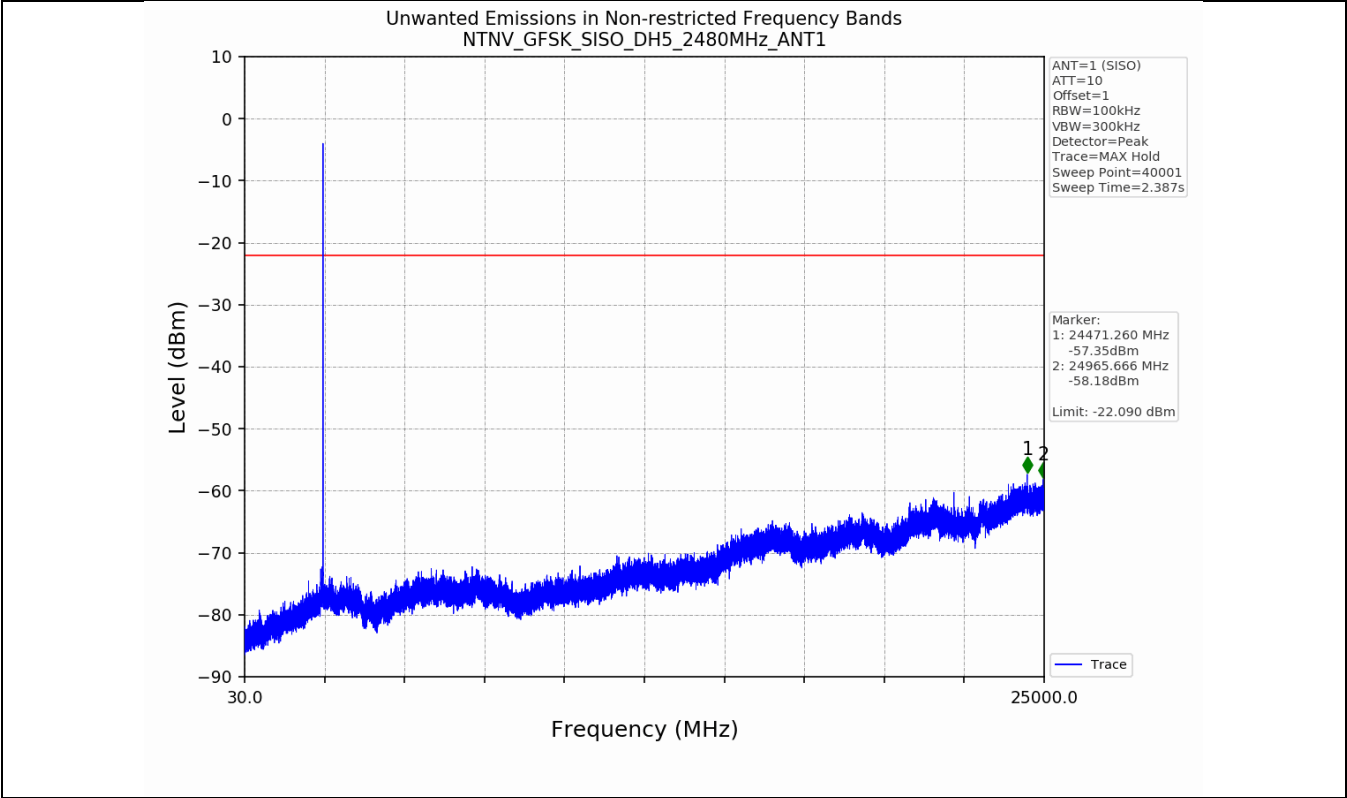
Test Mode	Frequency (MHz)	TX Type	ANT No.	Spurious Conducted Emission (dBm)	Limits (dBm)	Verdict
GFSK	2402	SISO	1	Refer to test graph	-22.09	PASS
	2441	SISO	1	Refer to test graph	-22.09	PASS
	2480	SISO	1	Refer to test graph	-22.09	PASS
	Hopping	SISO	1	Refer to test graph	-22.09	PASS

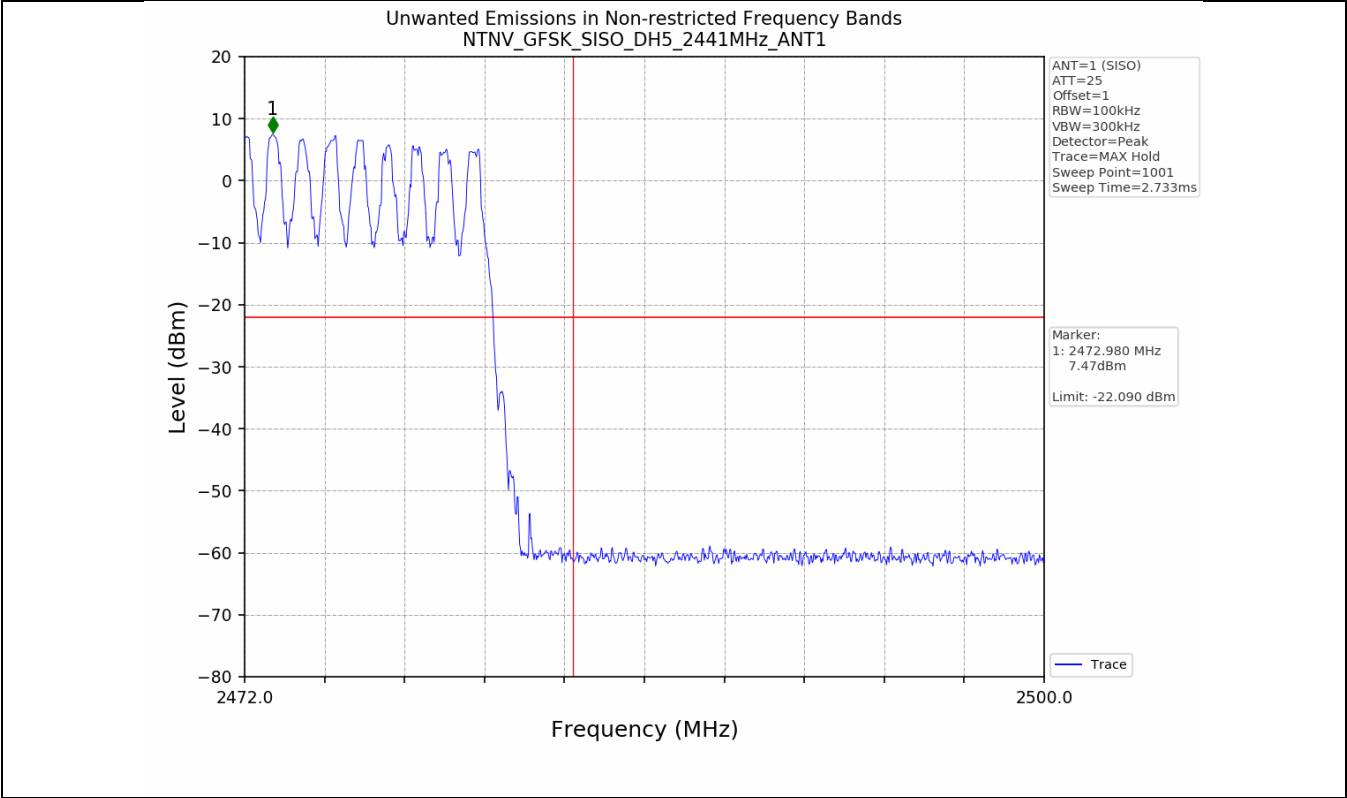
6.2 Test Graph











7. Frequency Error

7.1 Test Result

Test Mode	Frequency (MHz)	TX Type	ANT	Measured Frequency (MHz)		Verdict
				Test Result	Limit	
GFSK	2402	SISO	1	2402.02	2400-2483.5	PASS
	2441	SISO	1	2441.02	2400-2483.5	PASS
	2480	SISO	1	2480.01	2400-2483.5	PASS

7.2 Test Graph

