

Appendix for 15.247

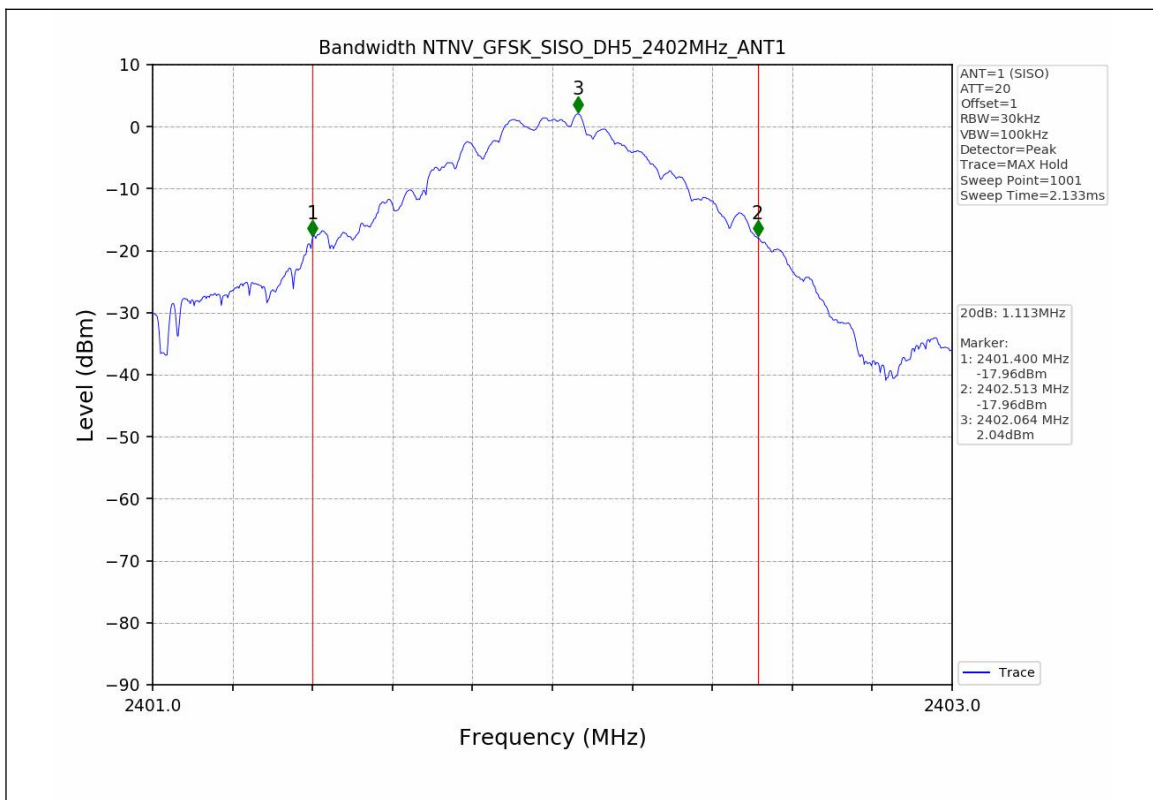
1. Bandwidth

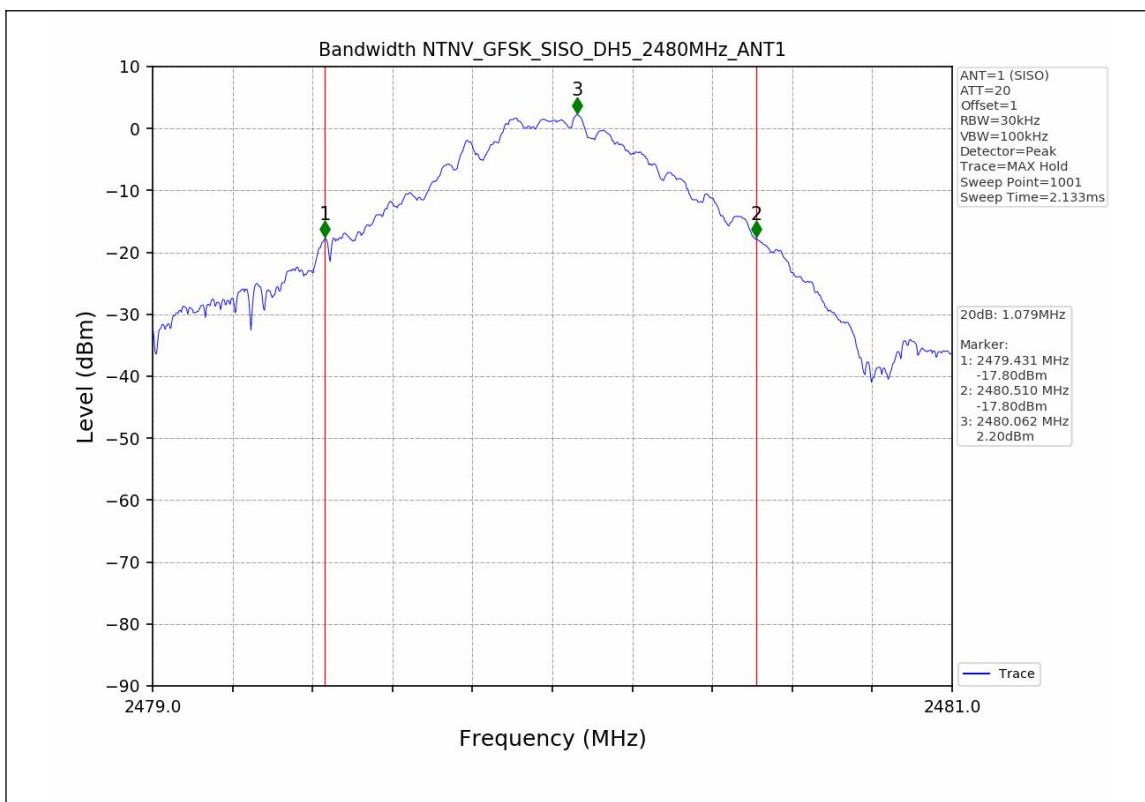
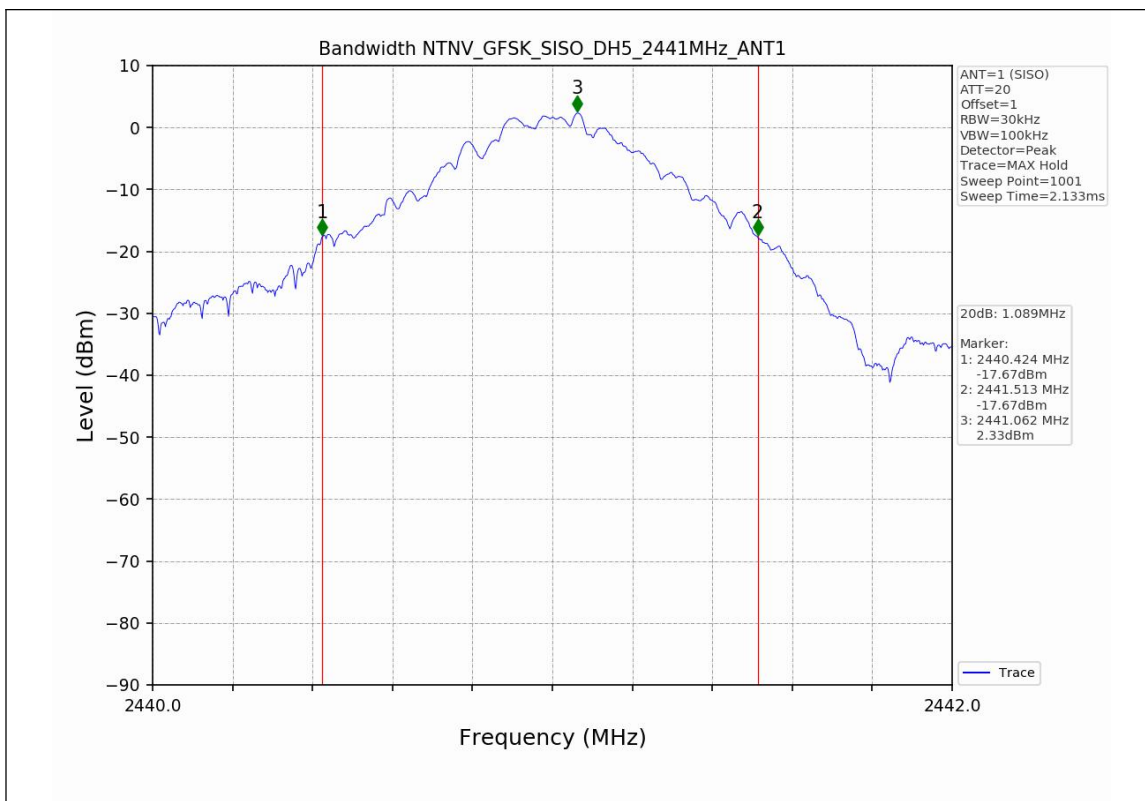
1.1 Test Result

Test Mode	Frequency (MHz)	TX Type	ANT No.	20dB Bandwidth	Verdict
				Test Result (MHz)	
GFSK	2402	SISO	1	1.113	PASS
	2441	SISO	1	1.089	PASS
	2480	SISO	1	1.079	PASS

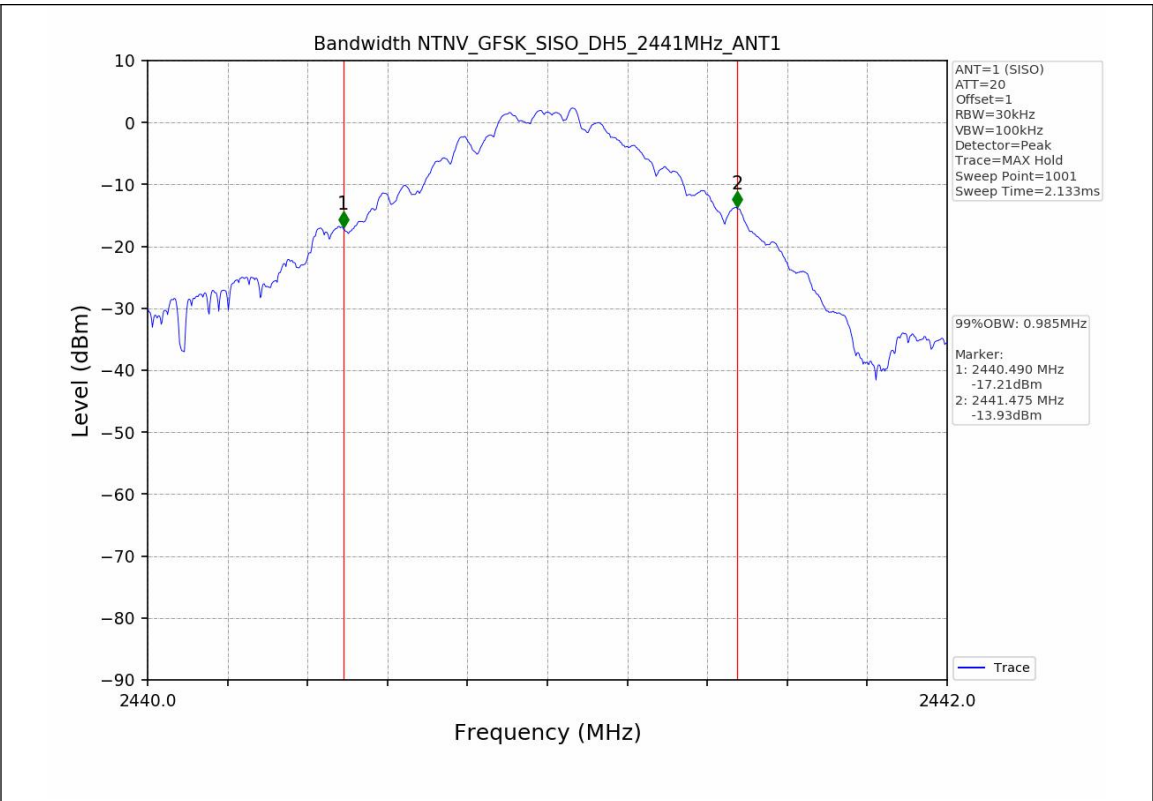
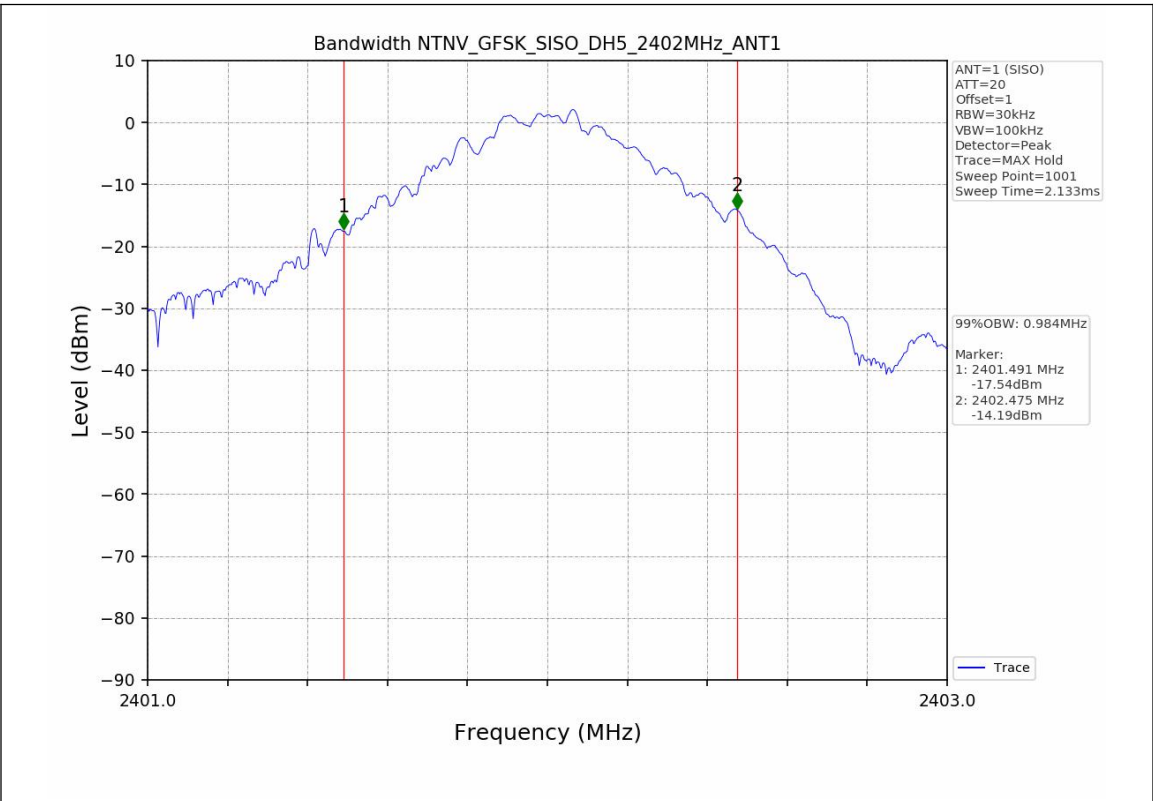
Test Mode	Frequency (MHz)	TX Type	ANT No.	99% Occupied Bandwidth	
				Test Result (MHz)	
GFSK	2402	SISO	1	0.984	Only for Report Use
	2441	SISO	1	0.985	Only for Report Use
	2480	SISO	1	0.976	Only for Report Use

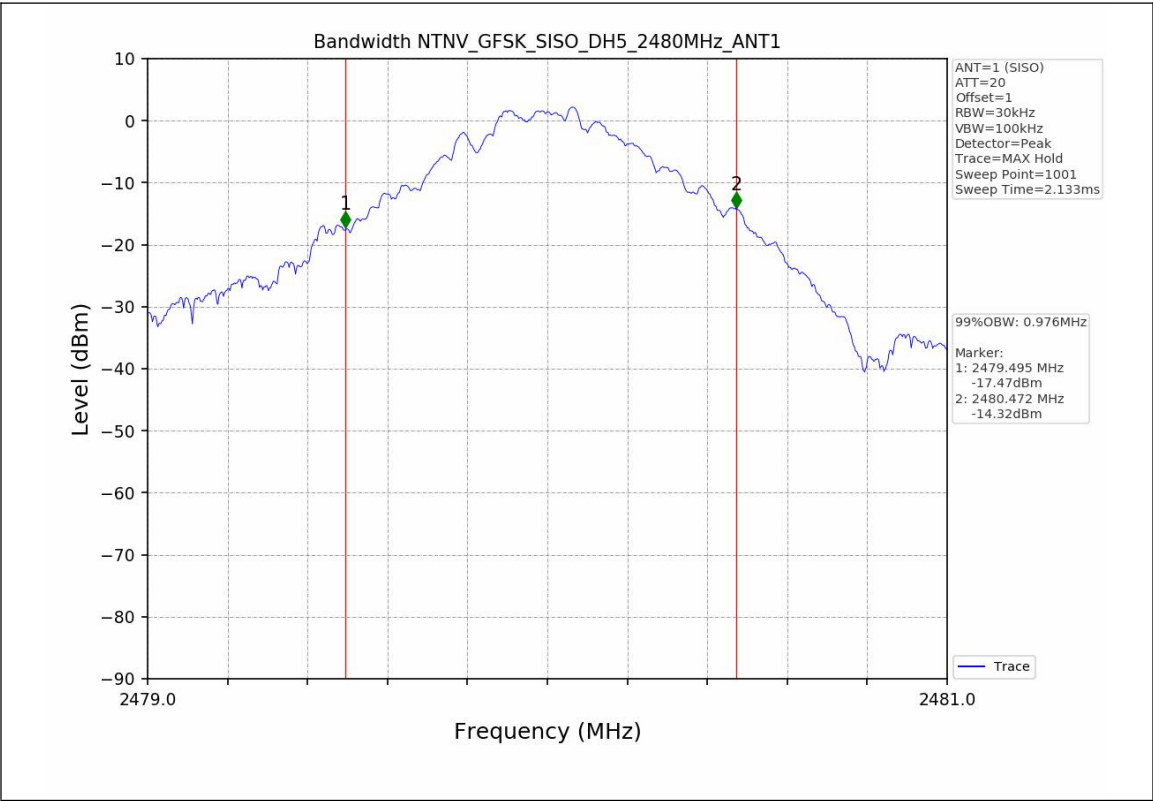
1.2 Test Graph - 20dB Bandwidth





1.3 Test Graph - 99% Occupied Bandwidth



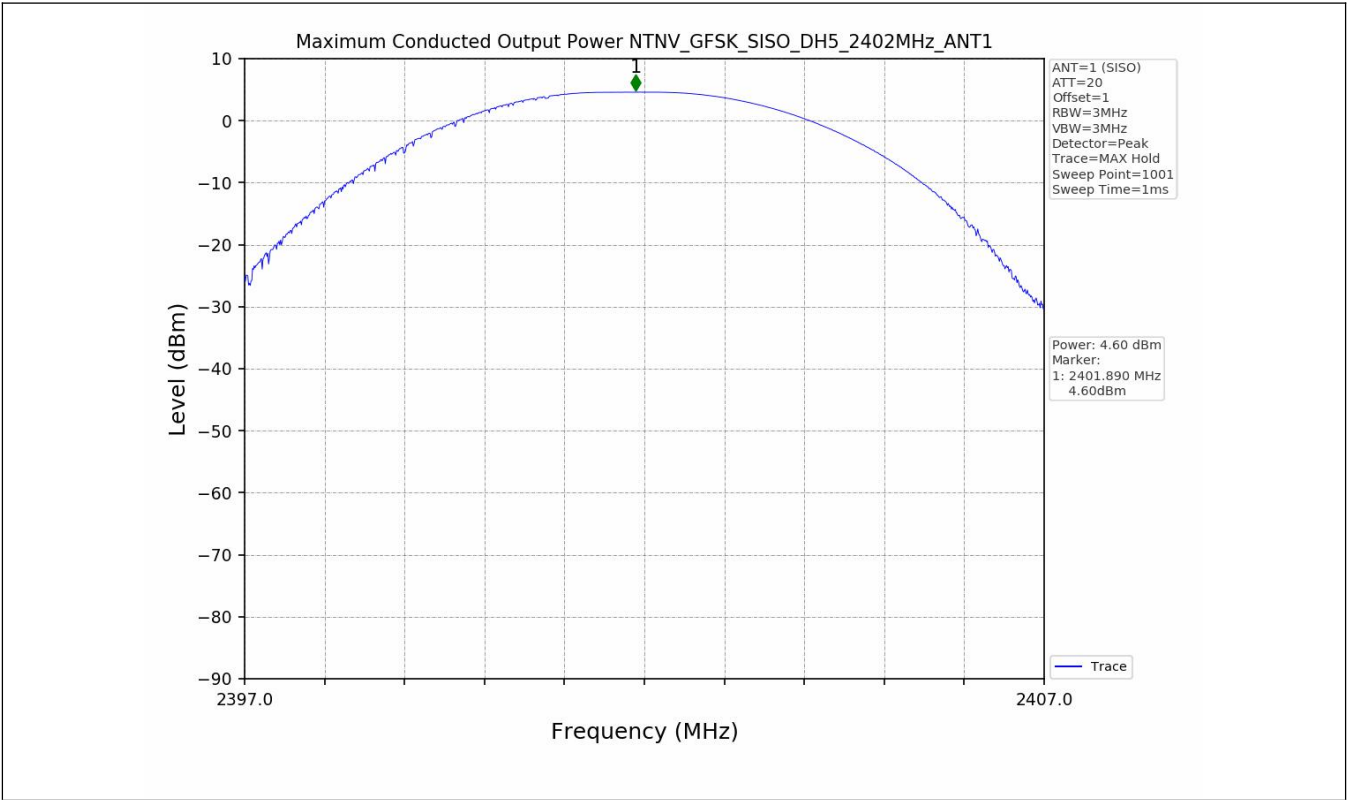


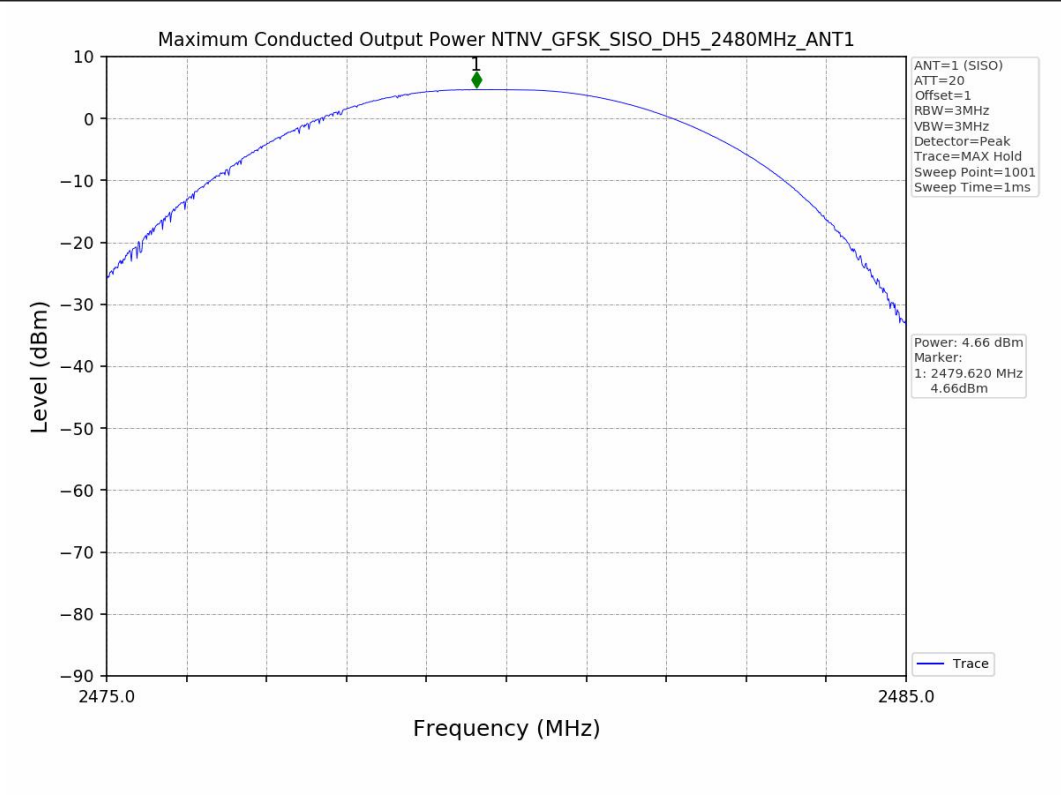
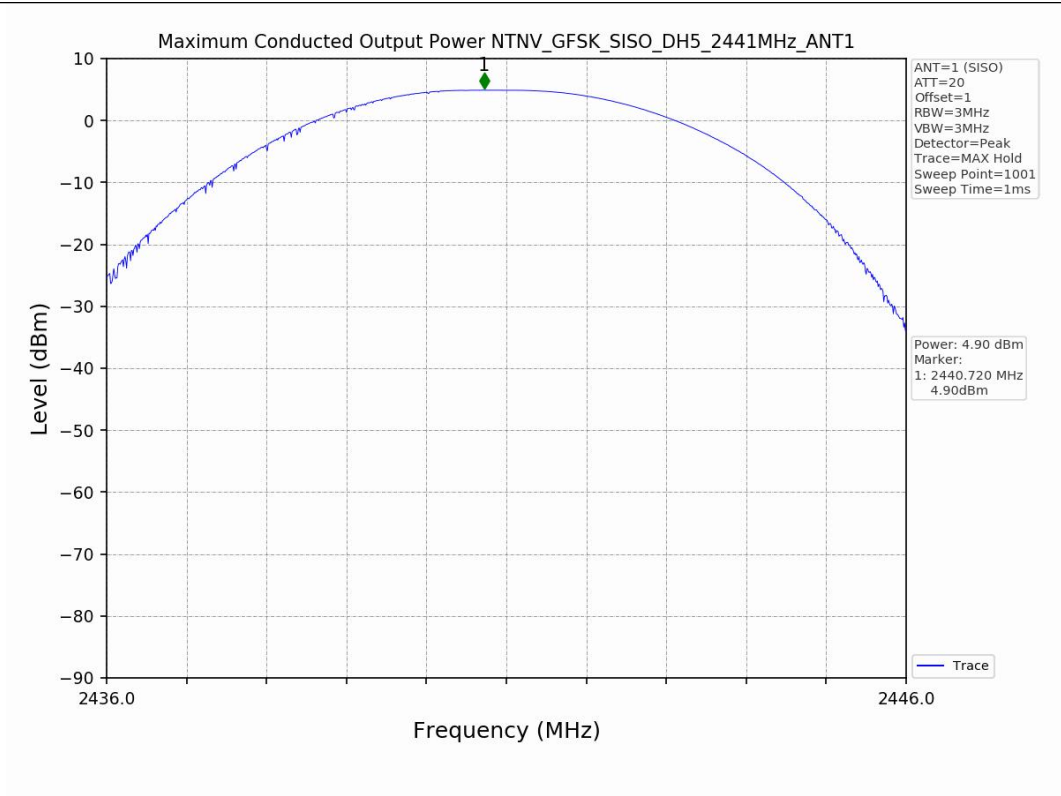
2. Maximum Conducted Output Power

2.1 Test Result

Test Mode	Frequency (MHz)	Tx Type	Measured Peak Output Power (dBm)	Limits (dBm)	Verdict
			Ant 1		
GFSK	2402	SISO	4.60	20.97	PASS
	2441	SISO	4.90	20.97	PASS
	2480	SISO	4.66	20.97	PASS

2.2 Test Graph



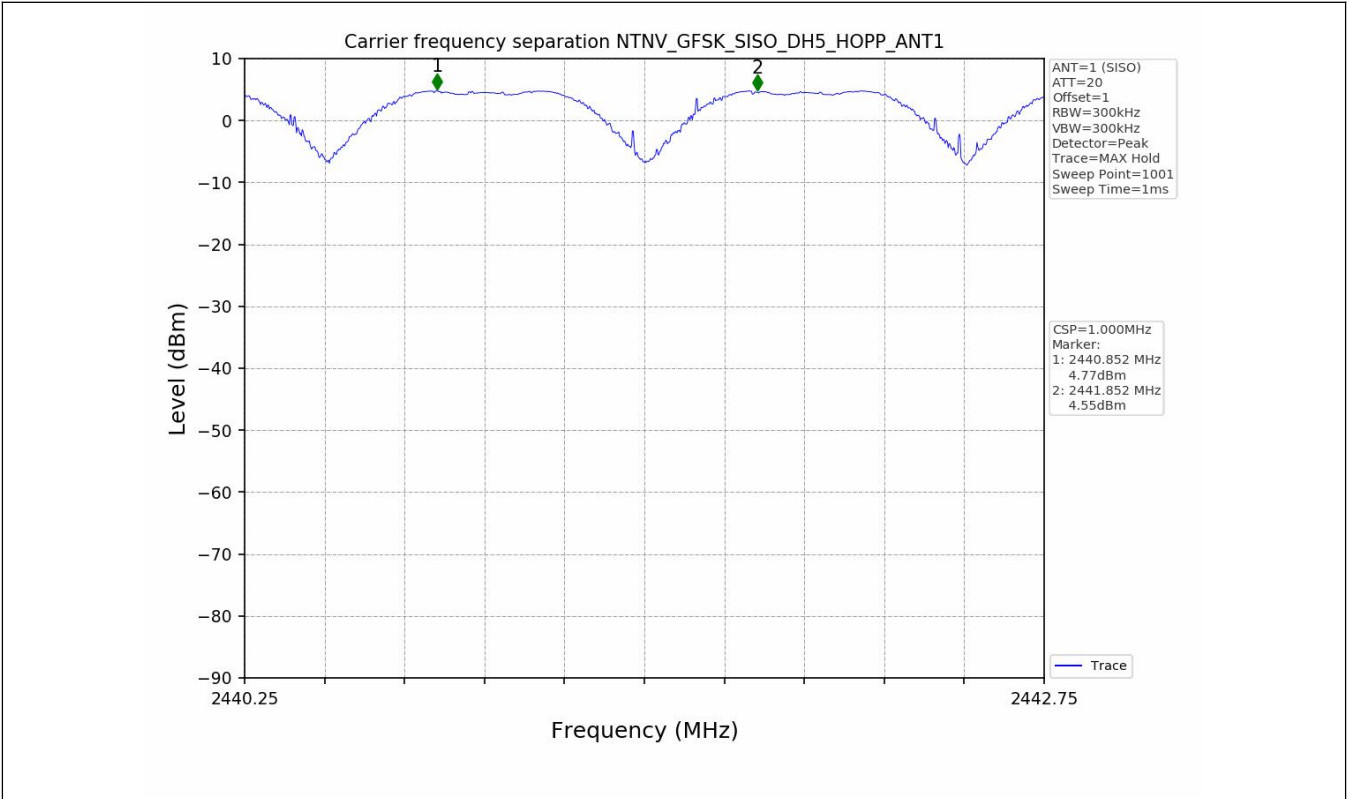


3. Carrier frequency separation

3.1 Test Result

Test Mode	TX Type	ANT No.	Channel Separation (MHz)	20dB Bandwidth (MHz)	Limits (MHz)	Verdict
GFSK	SISO	1	1.000	1.113	≥0.742	PASS

3.2 Test Graph

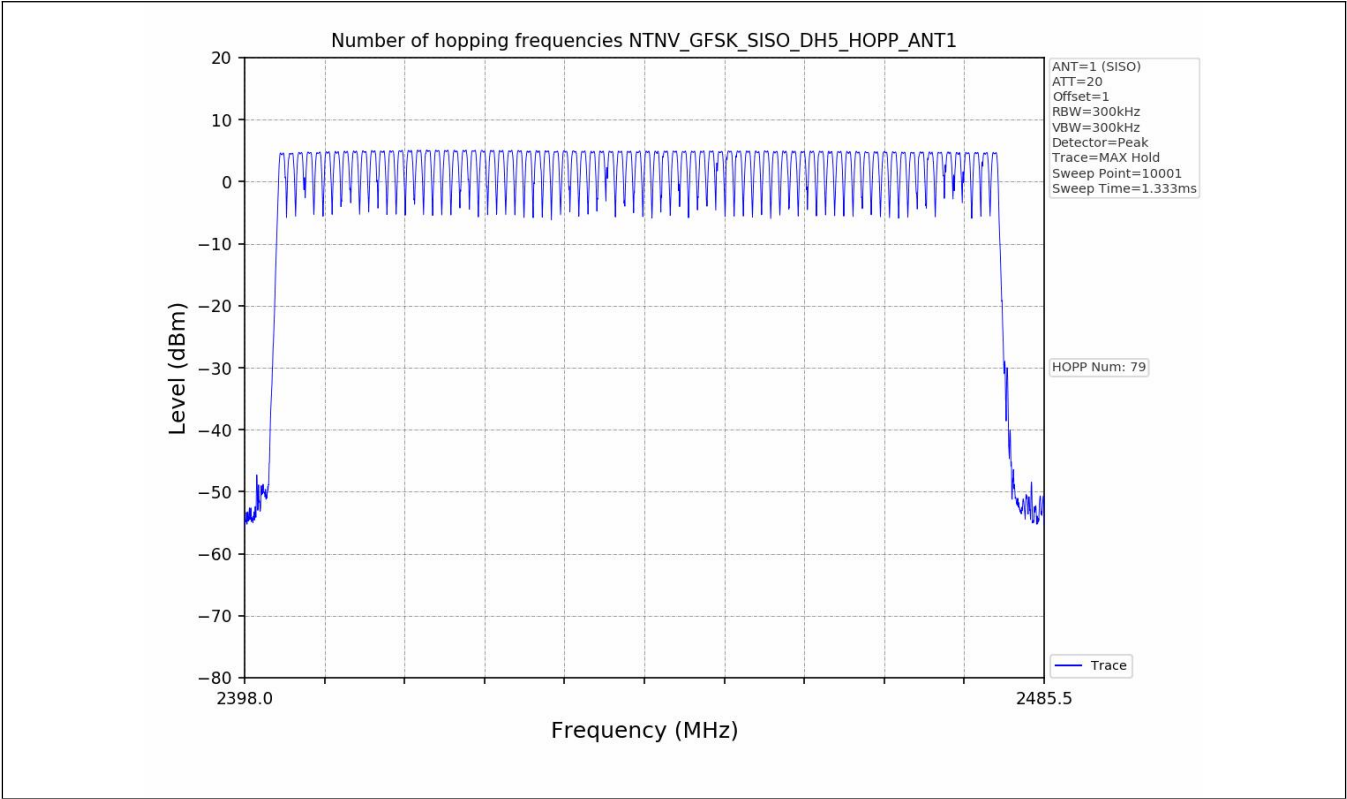


4. Number of hopping frequencies

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

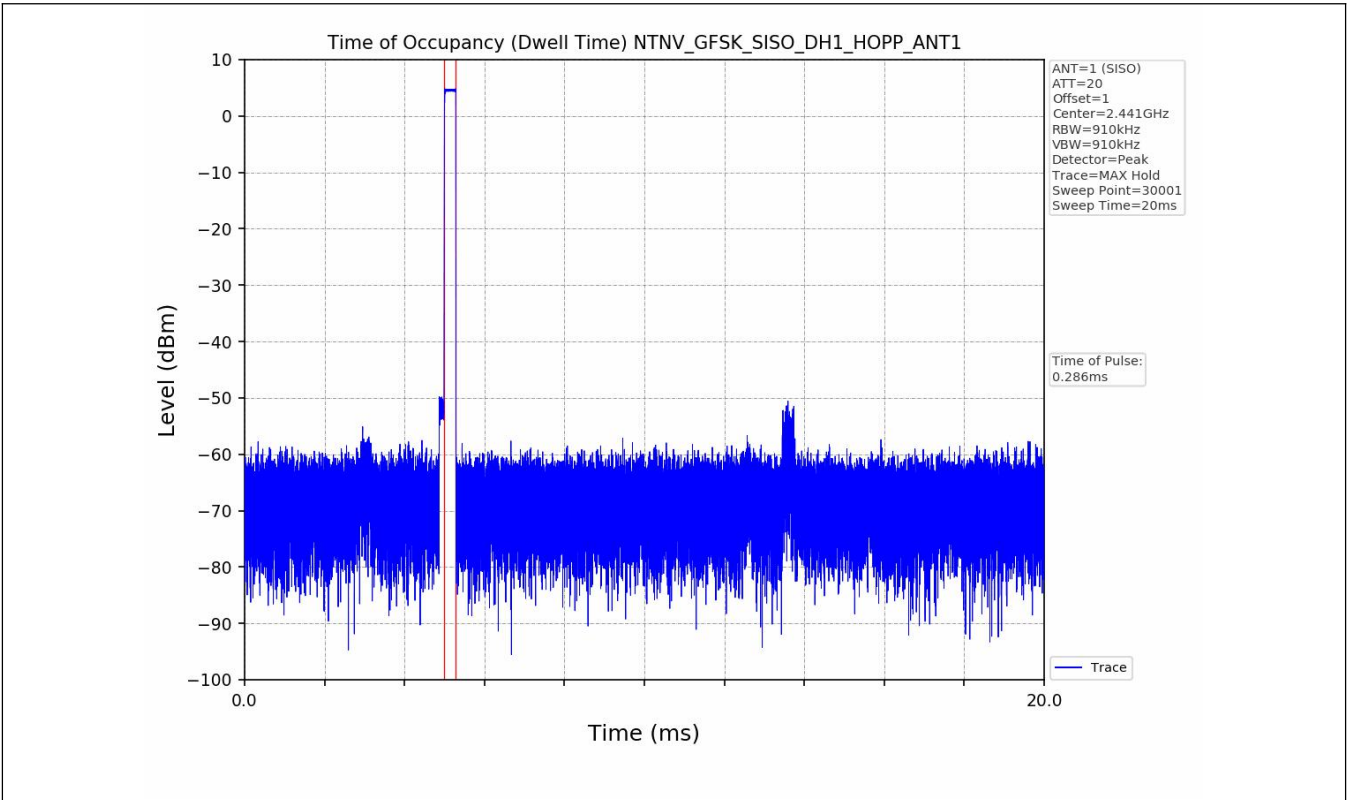


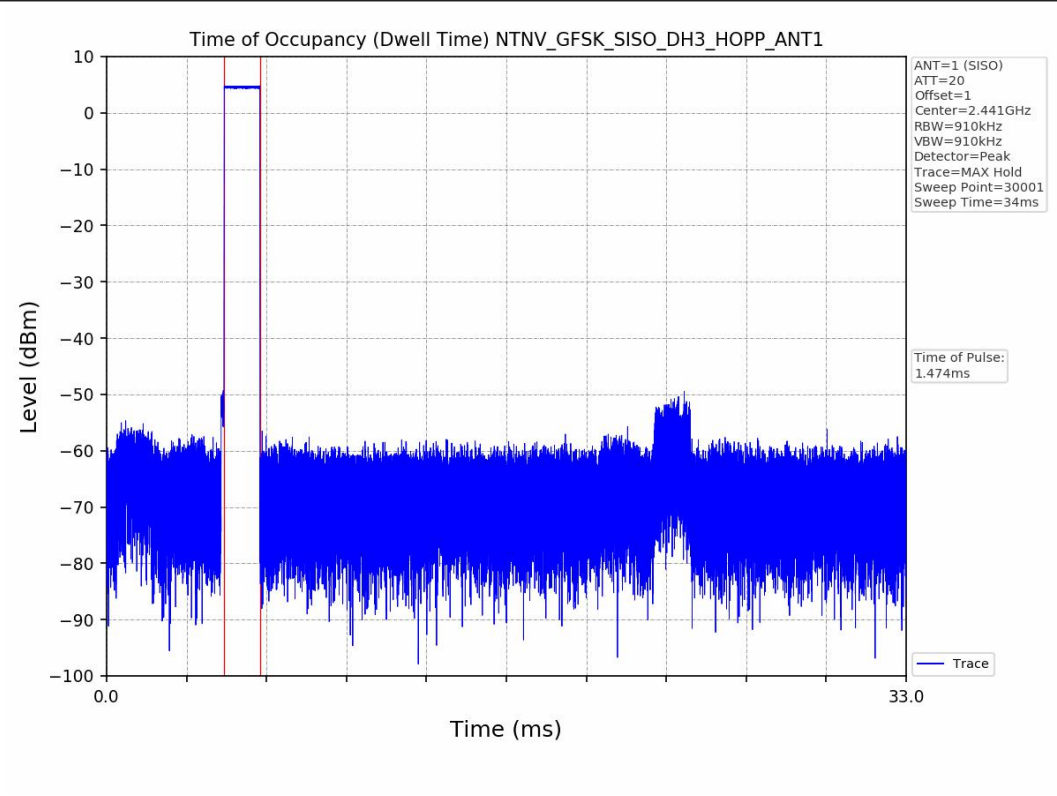
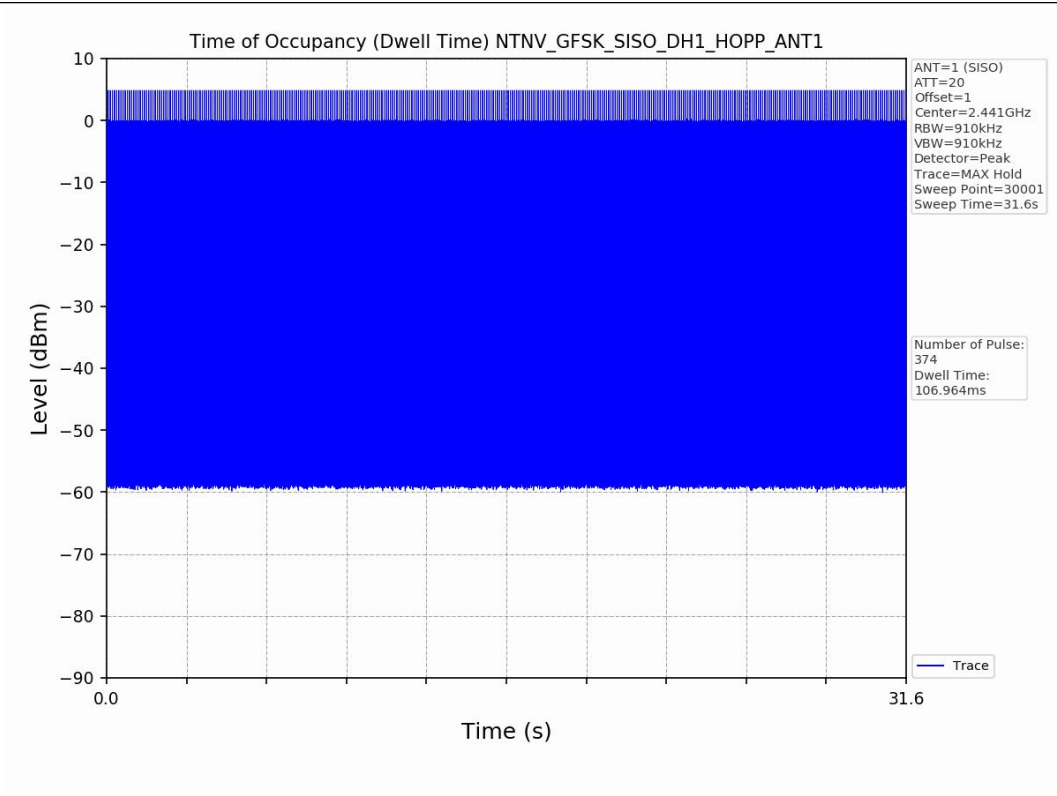
5. Time of occupancy (dwell time)

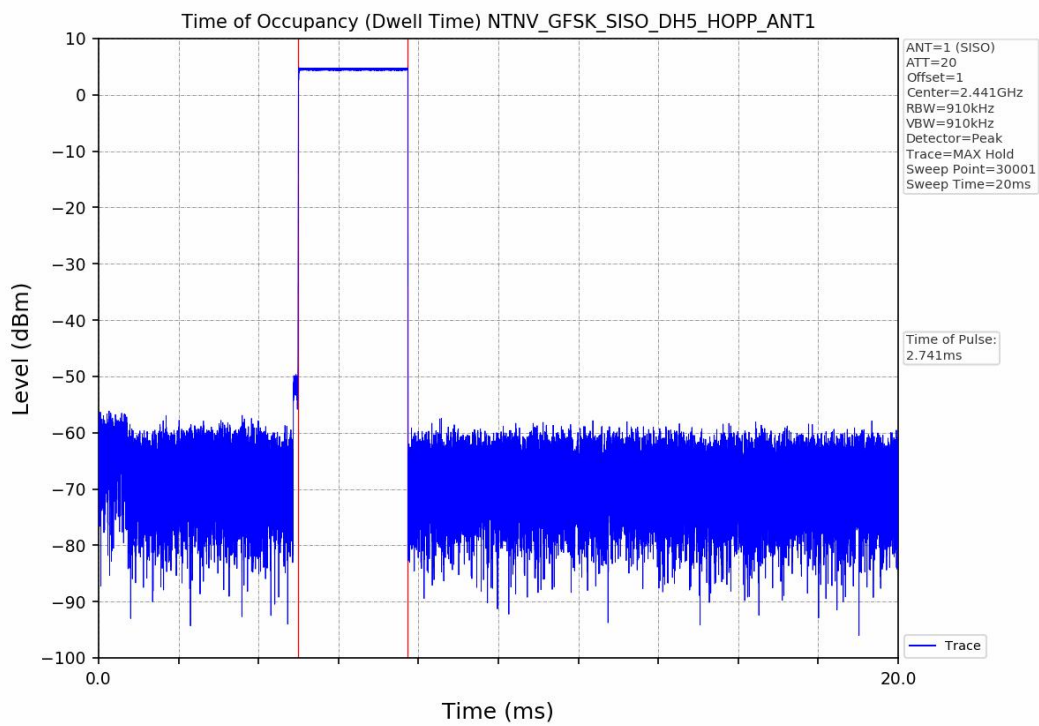
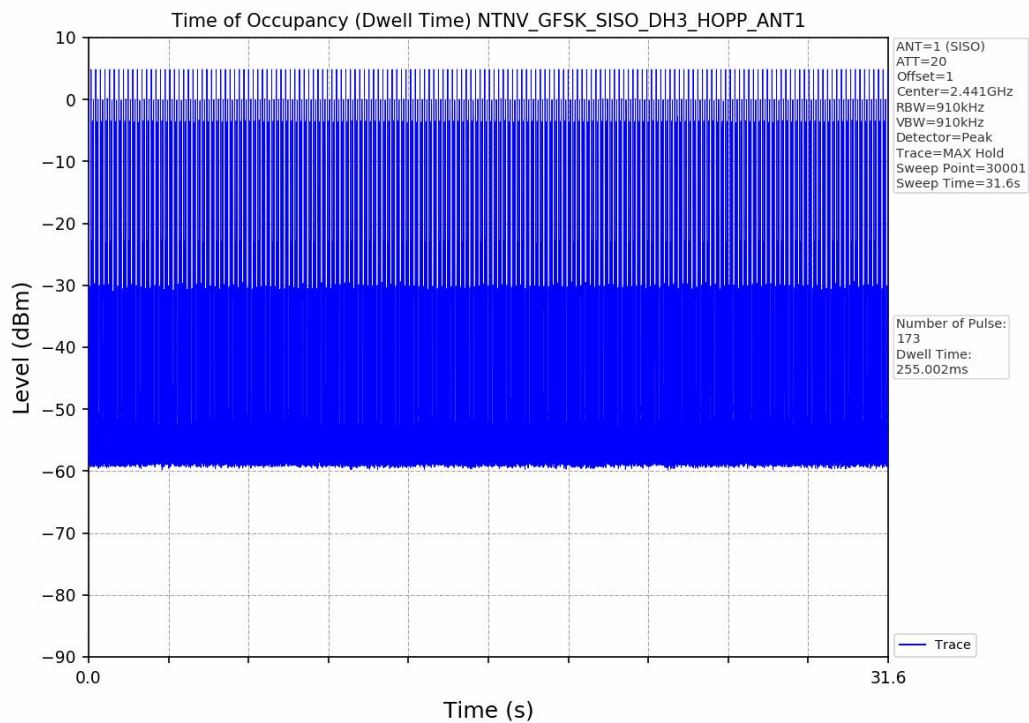
5.1 Test Result

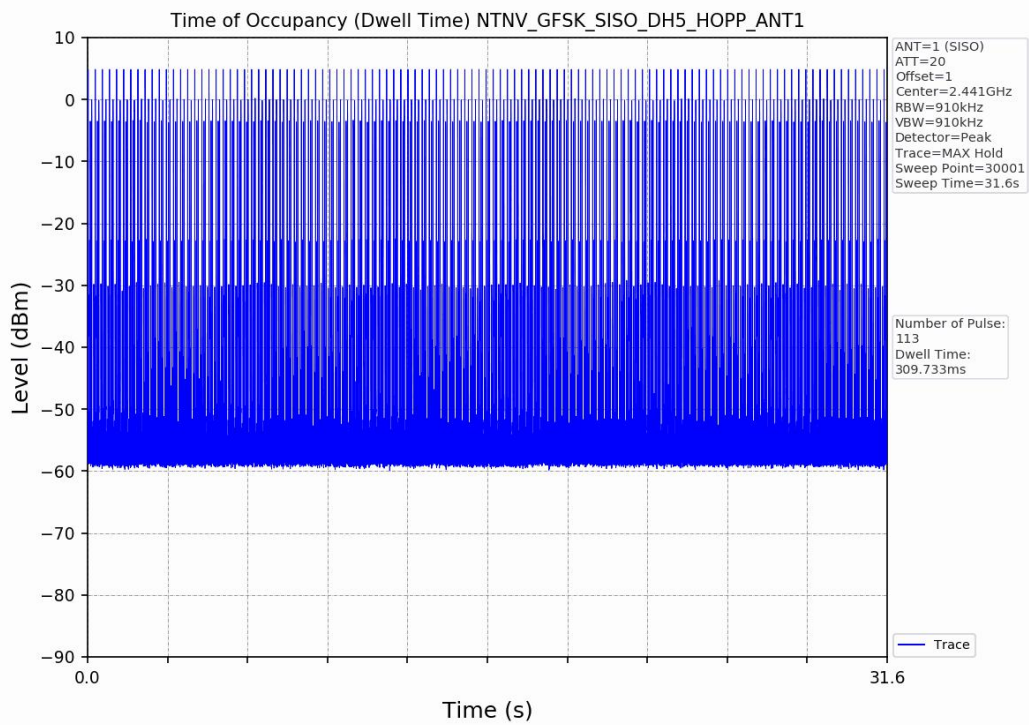
Test Mode	Packet Type	TX Type	ANT No.	Duration of Single Pulse (ms)	Observation Period (s)	Num of Pulse in Observation Period	Dwell Time (ms)	Limits (ms)	Verdict
GFSK	DH1	SISO	1	0.286	31.6	374	106.964	≤400	PASS
	DH3	SISO	1	1.474	31.6	173	255.002	≤400	PASS
	DH5	SISO	1	2.741	31.6	113	309.733	≤400	PASS

5.2 Test Graph







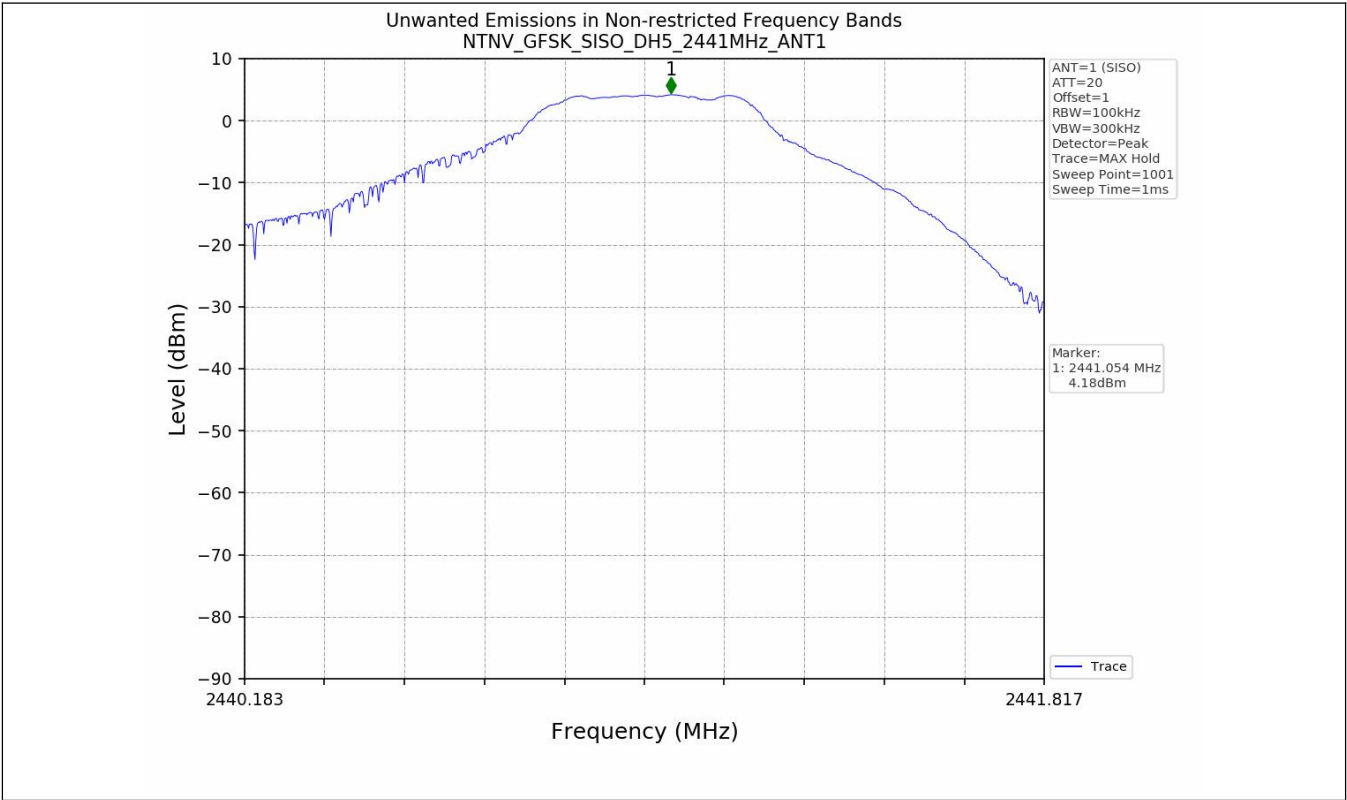


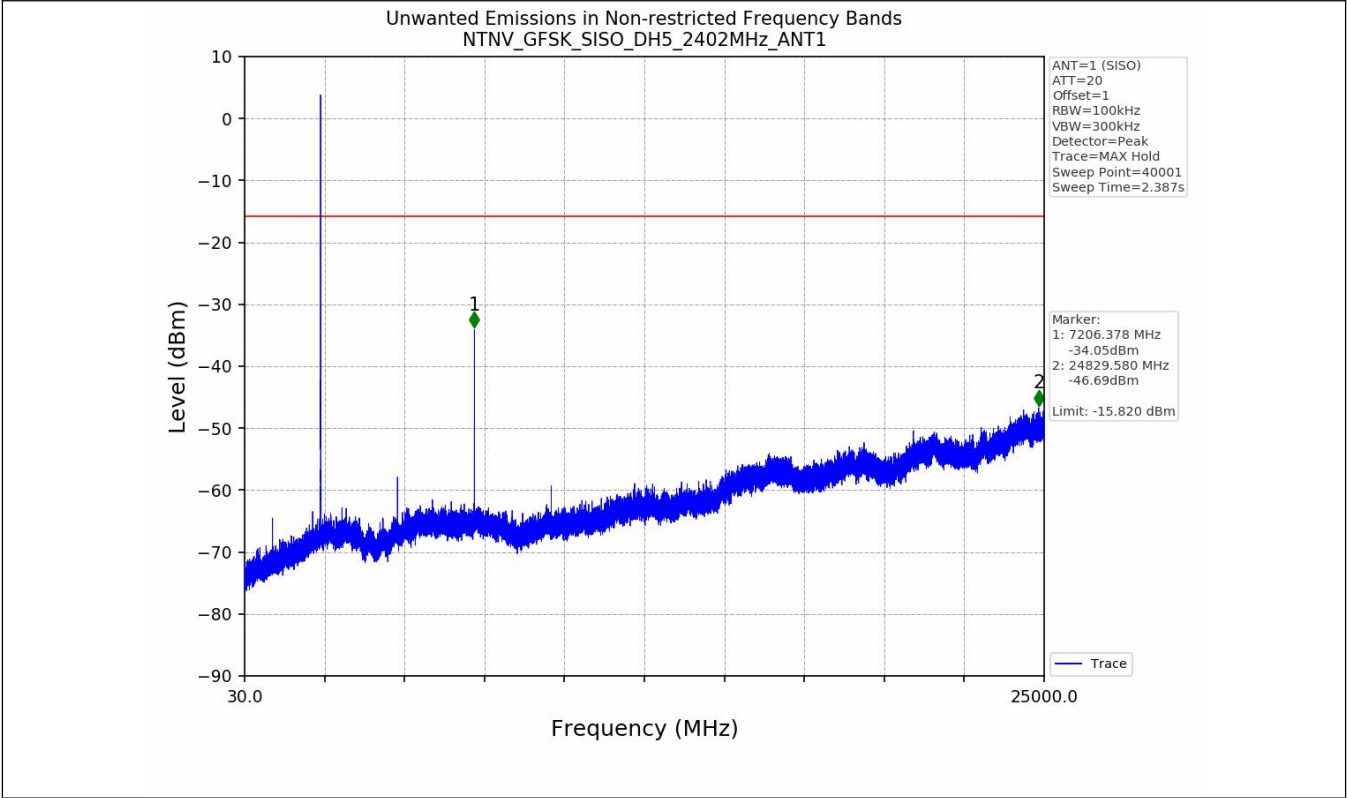
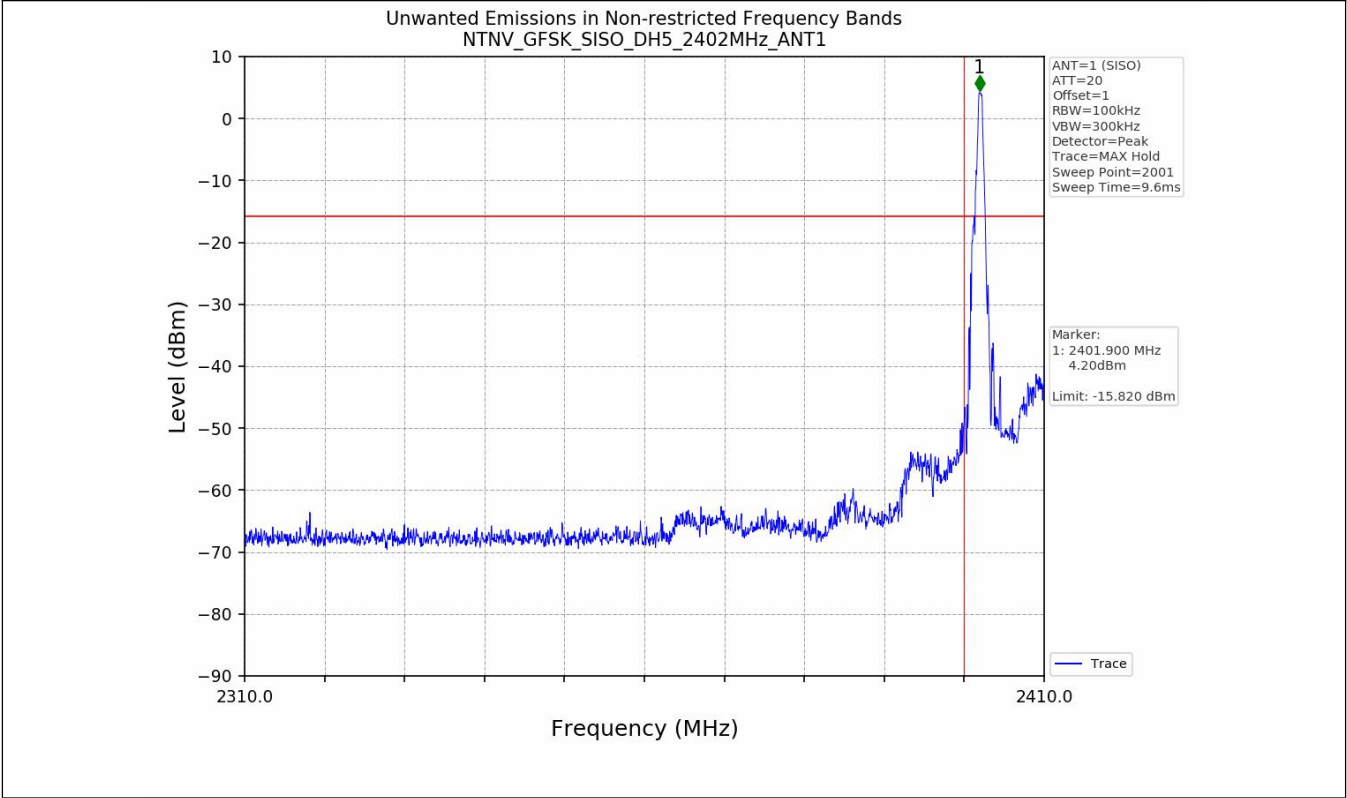
6. Unwanted Emissions in Non-restricted Frequency Bands

6.1 Test Result

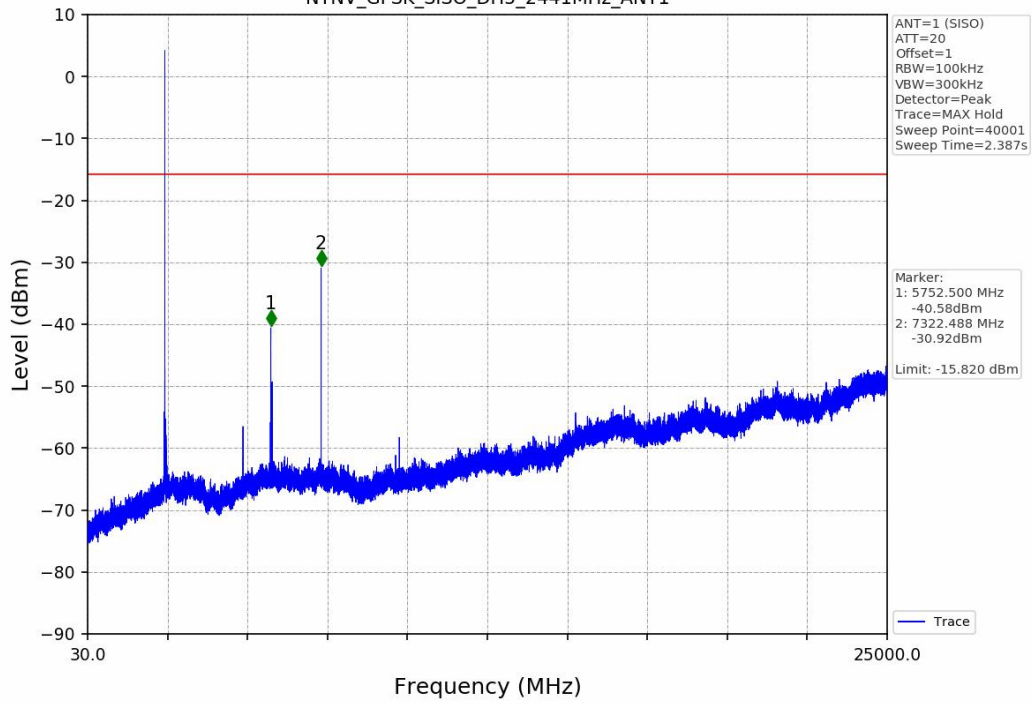
Test Mode	Frequency (MHz)	TX Type	ANT No.	Spurious Conducted Emission (dBm)	Limits (dBm)	Verdict
GFSK	2402	SISO	1	Refer to test graph	-15.82	PASS
	2441	SISO	1	Refer to test graph	-15.82	PASS
	2480	SISO	1	Refer to test graph	-15.82	PASS
	Hopping	SISO	1	Refer to test graph	-15.82	PASS

6.2 Test Graph

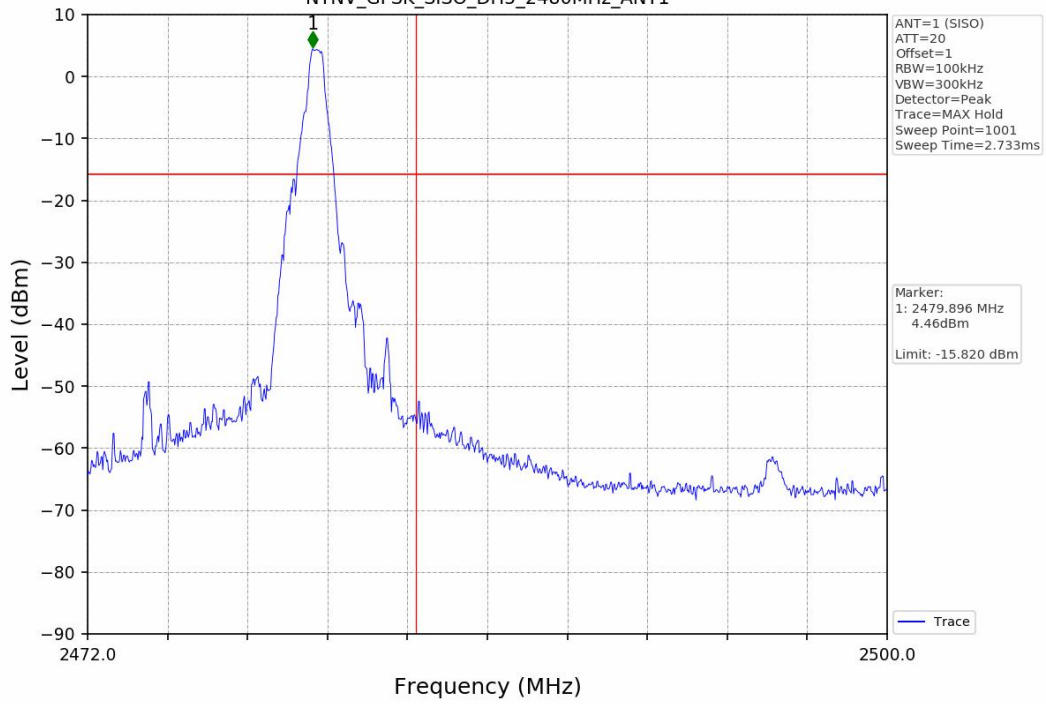


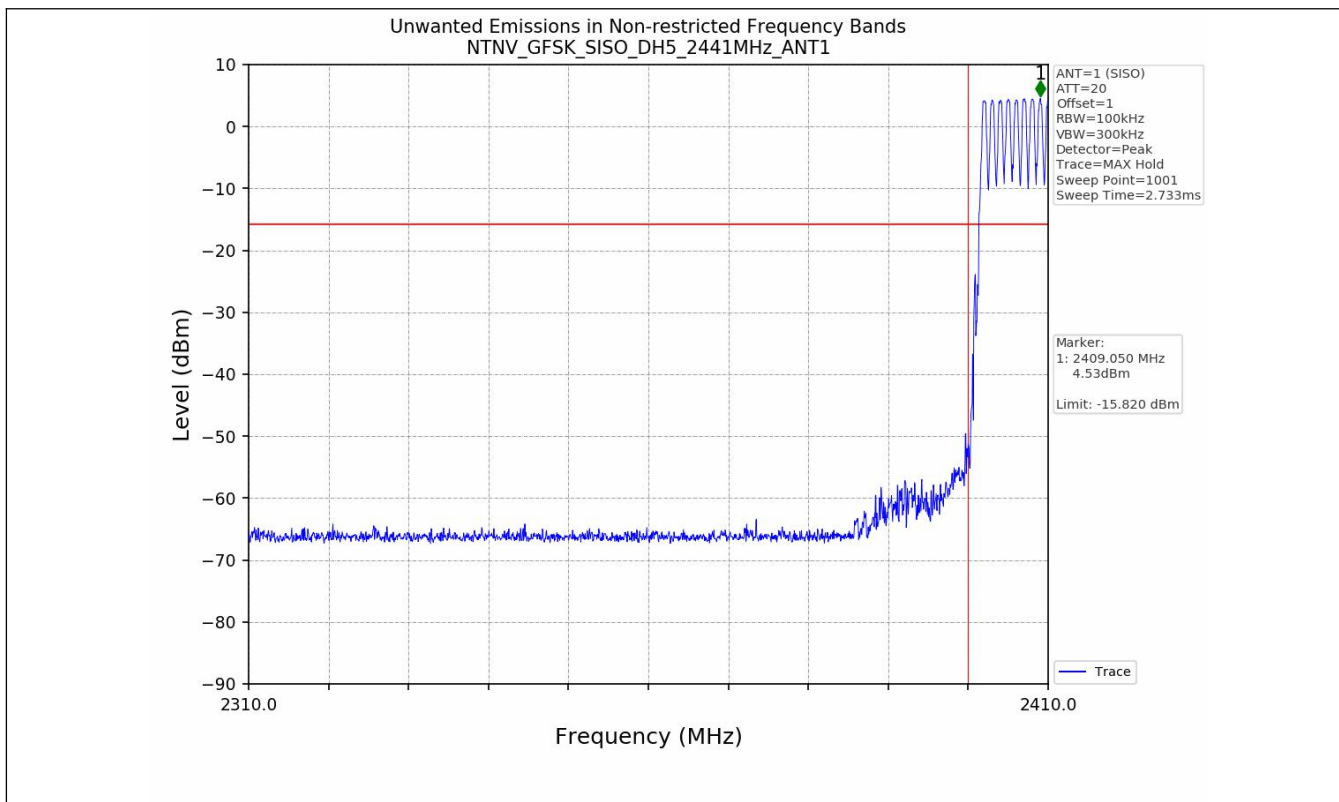
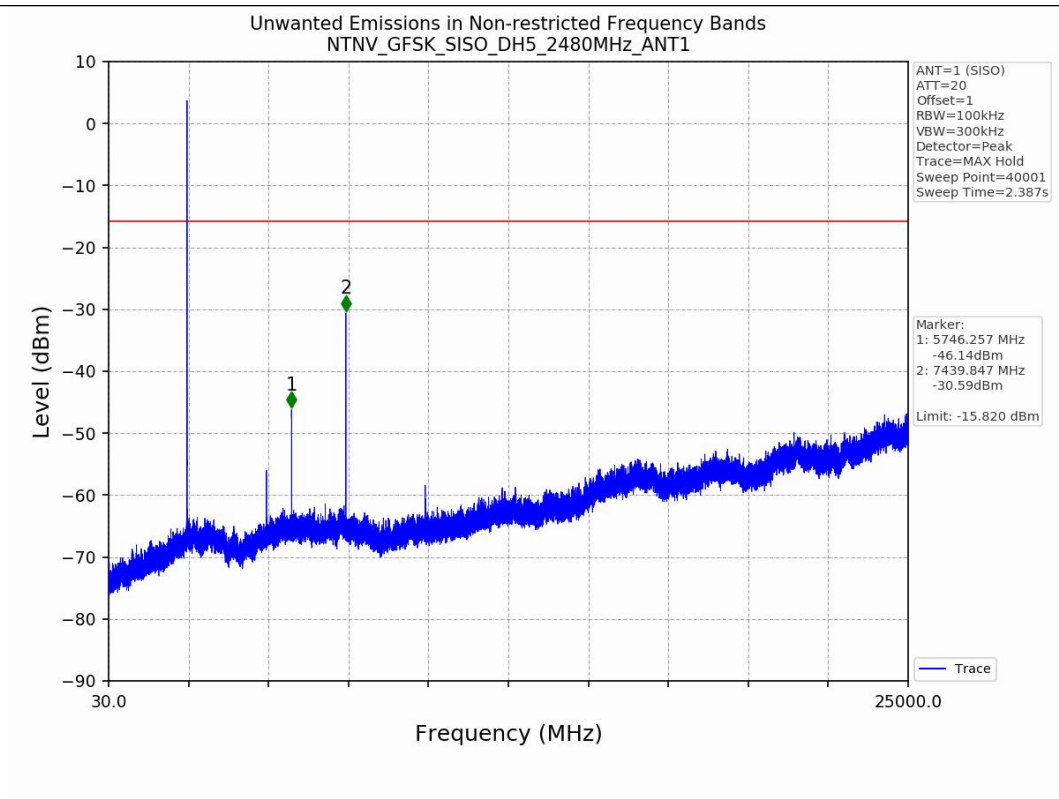


Unwanted Emissions in Non-restricted Frequency Bands
NTNV_GFSK_SISO_DH5_2441MHz_ANT1

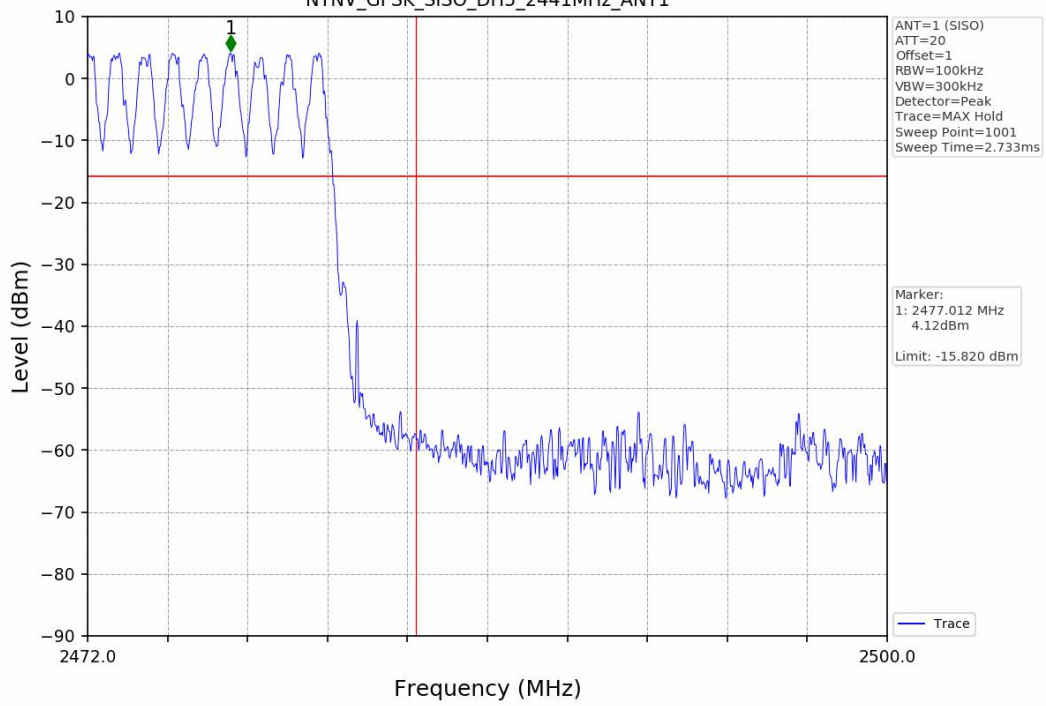


Unwanted Emissions in Non-restricted Frequency Bands
NTNV_GFSK_SISO_DH5_2480MHz_ANT1





Unwanted Emissions in Non-restricted Frequency Bands
NTNV_GFSK_SISO_DH5_2441MHz_ANT1



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	2401.97	2400-2483.5	PASS
	2441	SISO	1	2440.97	2400-2483.5	PASS
	2480	SISO	1	2479.97	2400-2483.5	PASS

7.2 Test Graph

