

Appendix RF test data for 2_4G_Proprietary

1. Bandwidth

1.1 Test Result

1.1.1 OBW

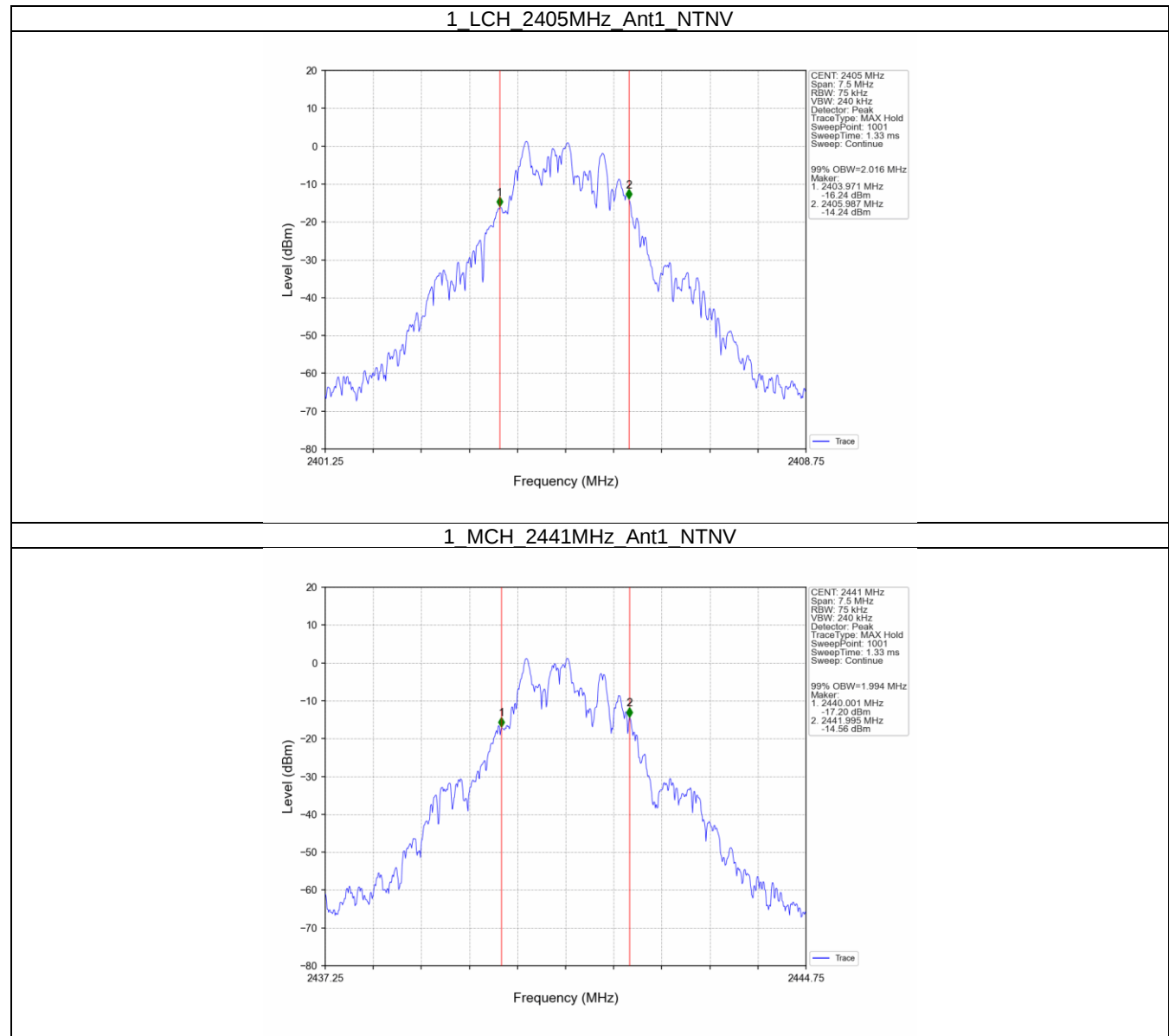
Mode	TX Type	Frequency (MHz)	ANT	99% Occupied Bandwidth (MHz)		Verdict
				Result	Limit	
1	SISO	2405	1	2.016	/	Pass
		2441	1	1.994	/	Pass
		2475	1	1.984	/	Pass

1.1.2 20dB BW

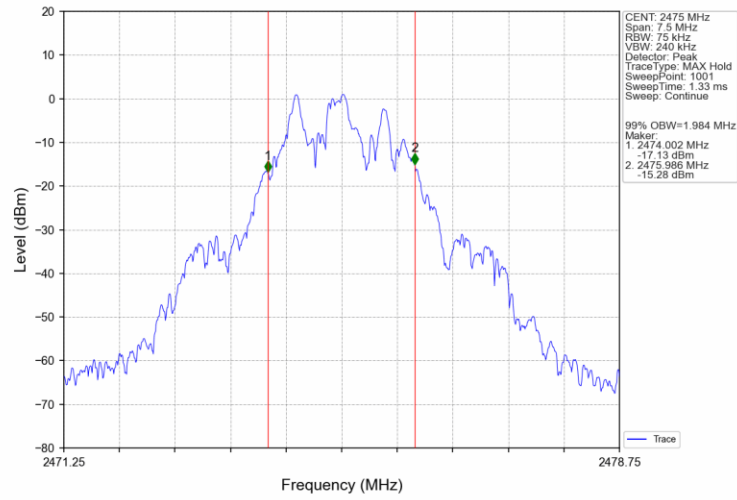
Mode	TX Type	Frequency (MHz)	ANT	20dB Bandwidth (MHz)		Verdict
				Result	Limit	
1	SISO	2405	1	2.196	/	Pass
		2441	1	2.146	/	Pass
		2475	1	2.128	/	Pass

1.2 Test Graph

1.2.1 OBW

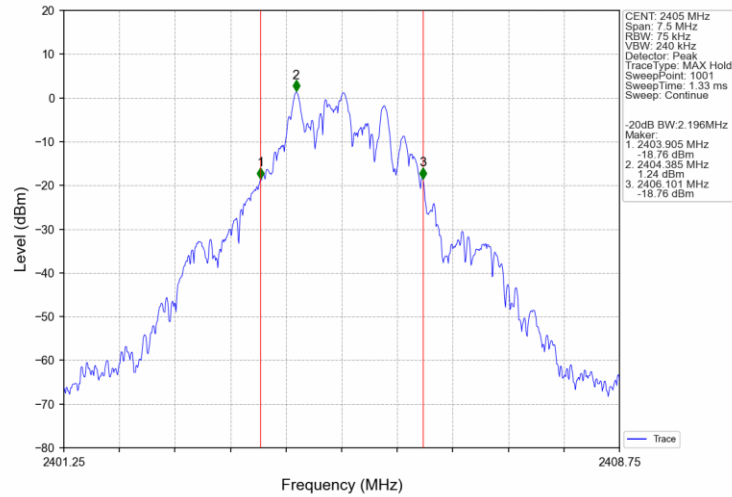


1_HCH_2475MHz_Ant1_NTNV

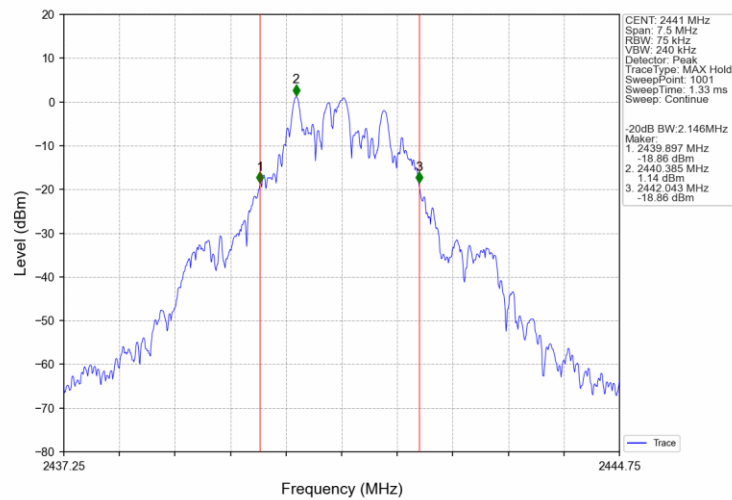


1.2.2 20dB BW

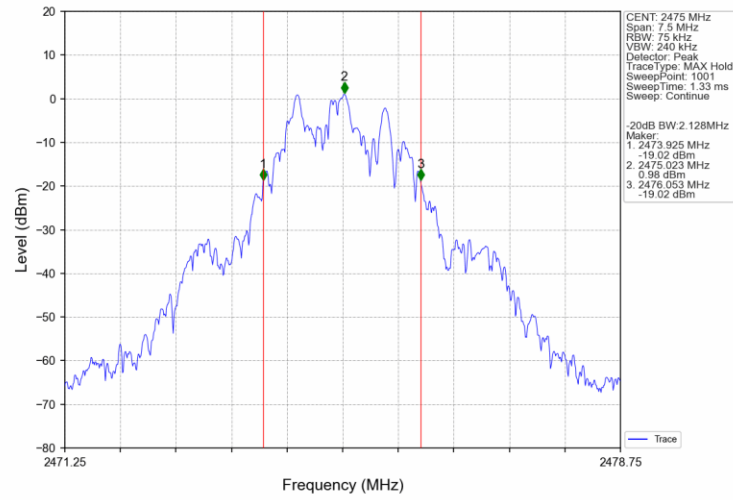
1_LCH_2405MHz_Ant1_NTNV



1_MCH_2441MHz_Ant1_NTNV



1_HCH_2475MHz_Ant1_NTNV



2. Maximum Conducted Output Power

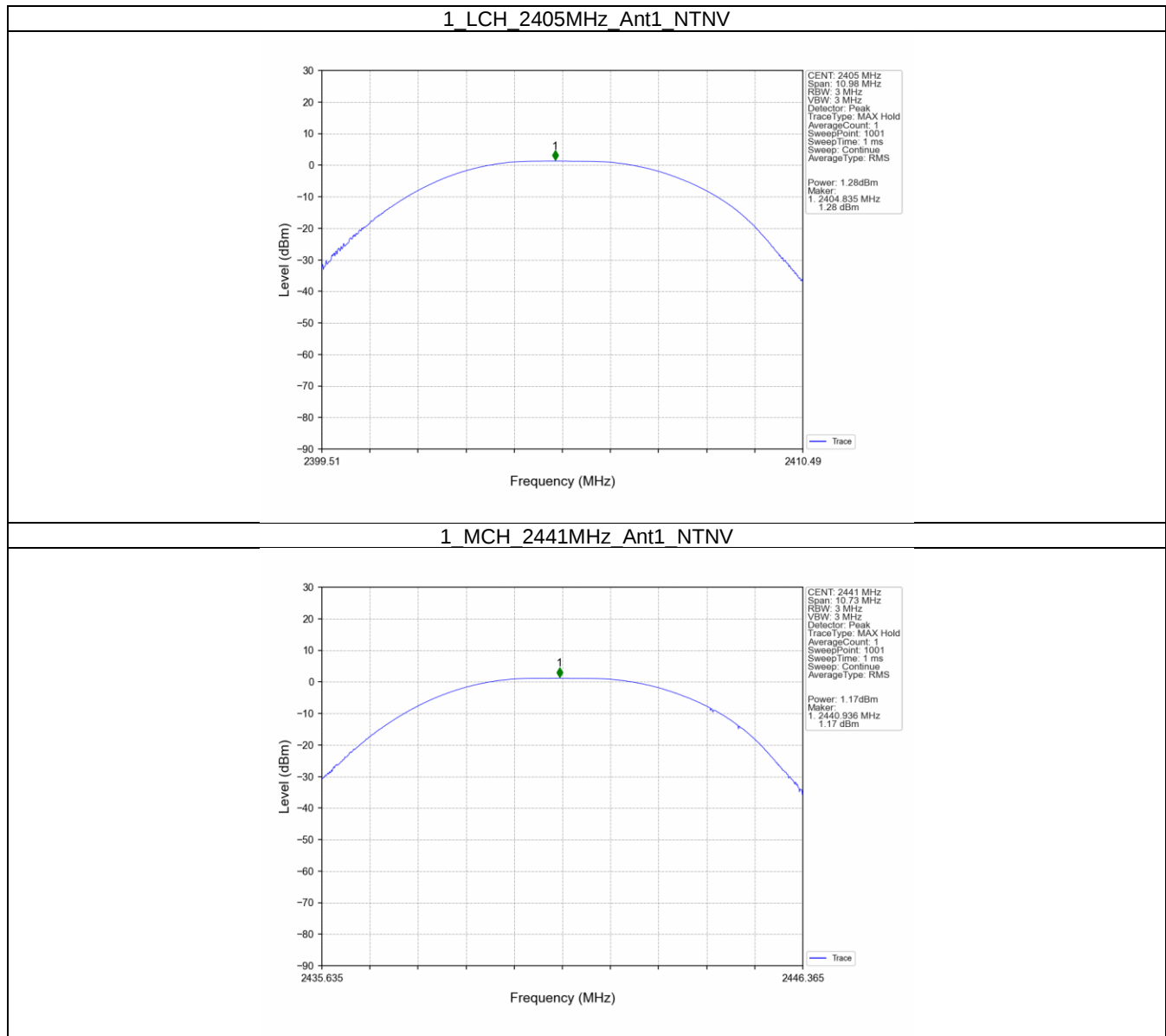
2.1 Test Result

2.1.1 Power

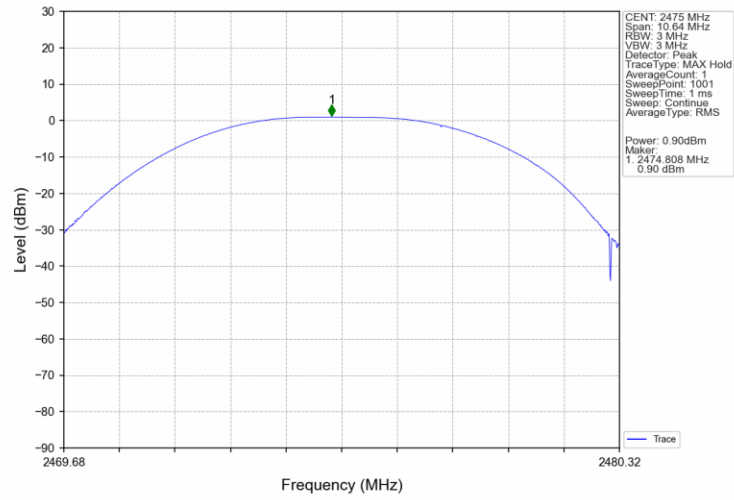
Mode	TX Type	Frequency (MHz)	Maximum Peak Conducted Output Power (dBm)		Verdict
			ANT1	Limit	
1	SISO	2405	1.28	≤ 20.97	Pass
		2441	1.17	≤ 20.97	Pass
		2475	0.90	≤ 20.97	Pass

2.2 Test Graph

2.2.1 Power



1_HCH_2475MHz_Ant1_NTNV



3. Carrier Frequency Separation

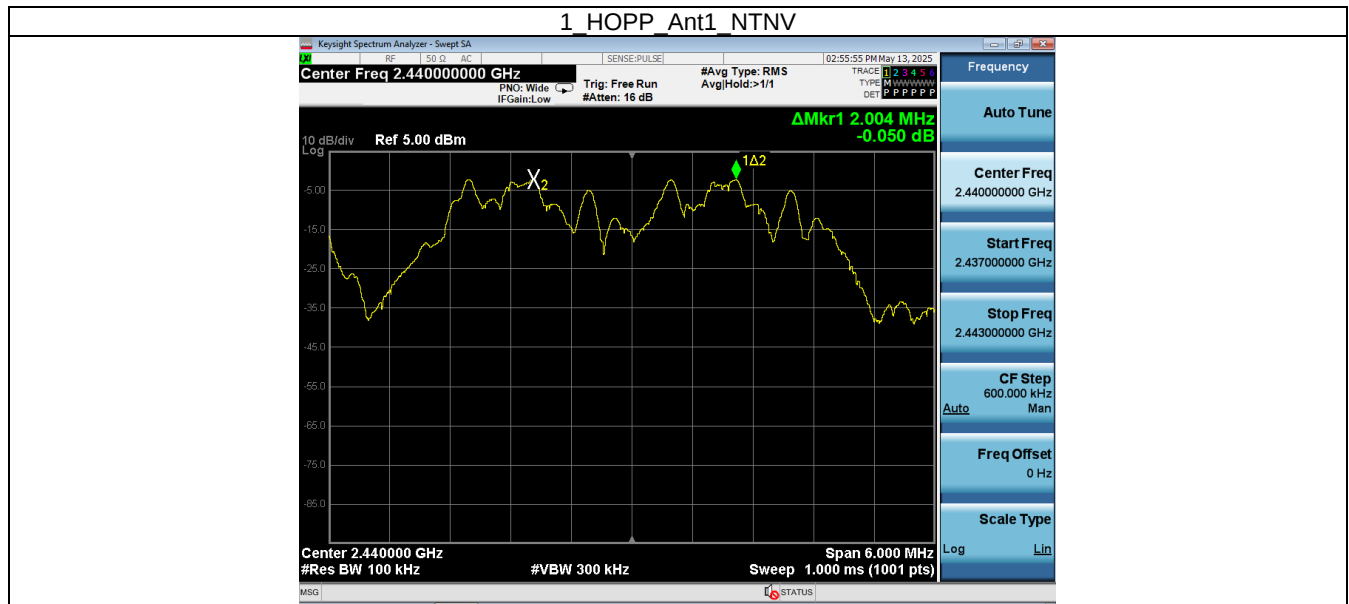
3.1 Test Result

3.1.1 Ant1

Ant1						
Mode	TX Type	Frequency (MHz)	Channel Separation (MHz)	20dB Bandwidth (MHz)	Limit (MHz)	Verdict
1	SISO	HOPP	2.004	2.128	≥ 1.419	Pass

3.2 Test Graph

3.2.1 Ant1



4. Number of Hopping Frequencies

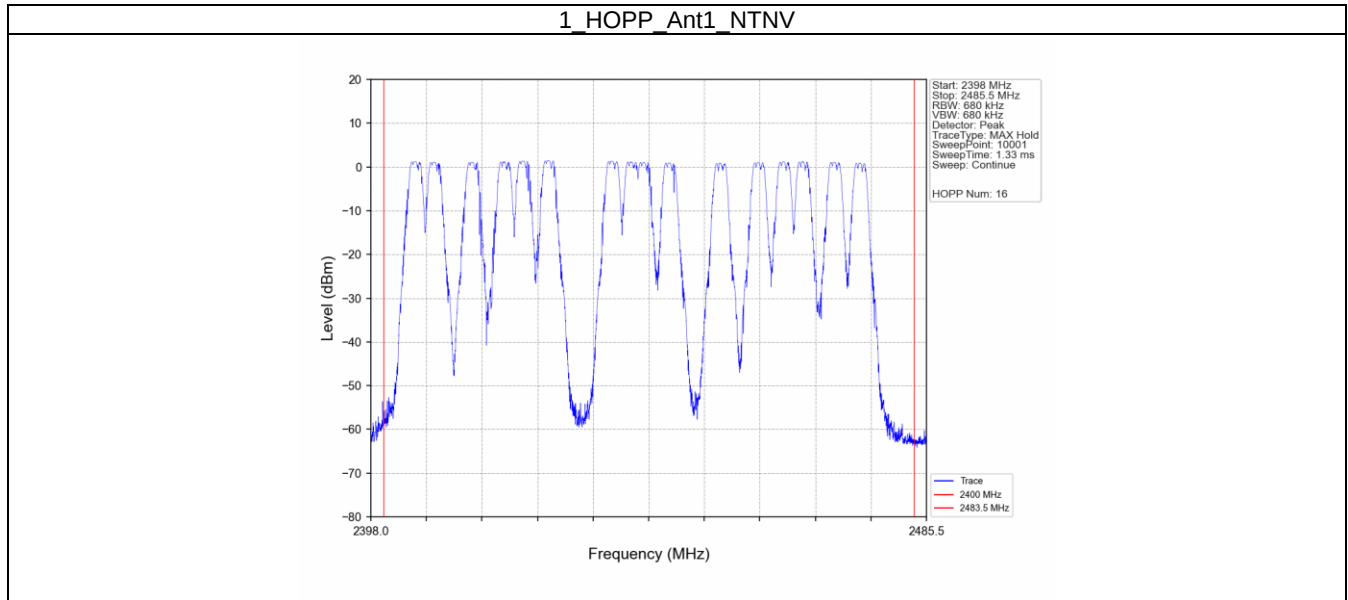
4.1 Test Result

4.1.1 HoppNum

Mode	TX Type	Frequency (MHz)	Num of Hopping Frequencies		Verdict
			ANT1	Limit	
1	SISO	HOPP	16	>=15	Pass

4.2 Test Graph

4.2.1 HoppNum



5. Time of Occupancy (Dwell Time)

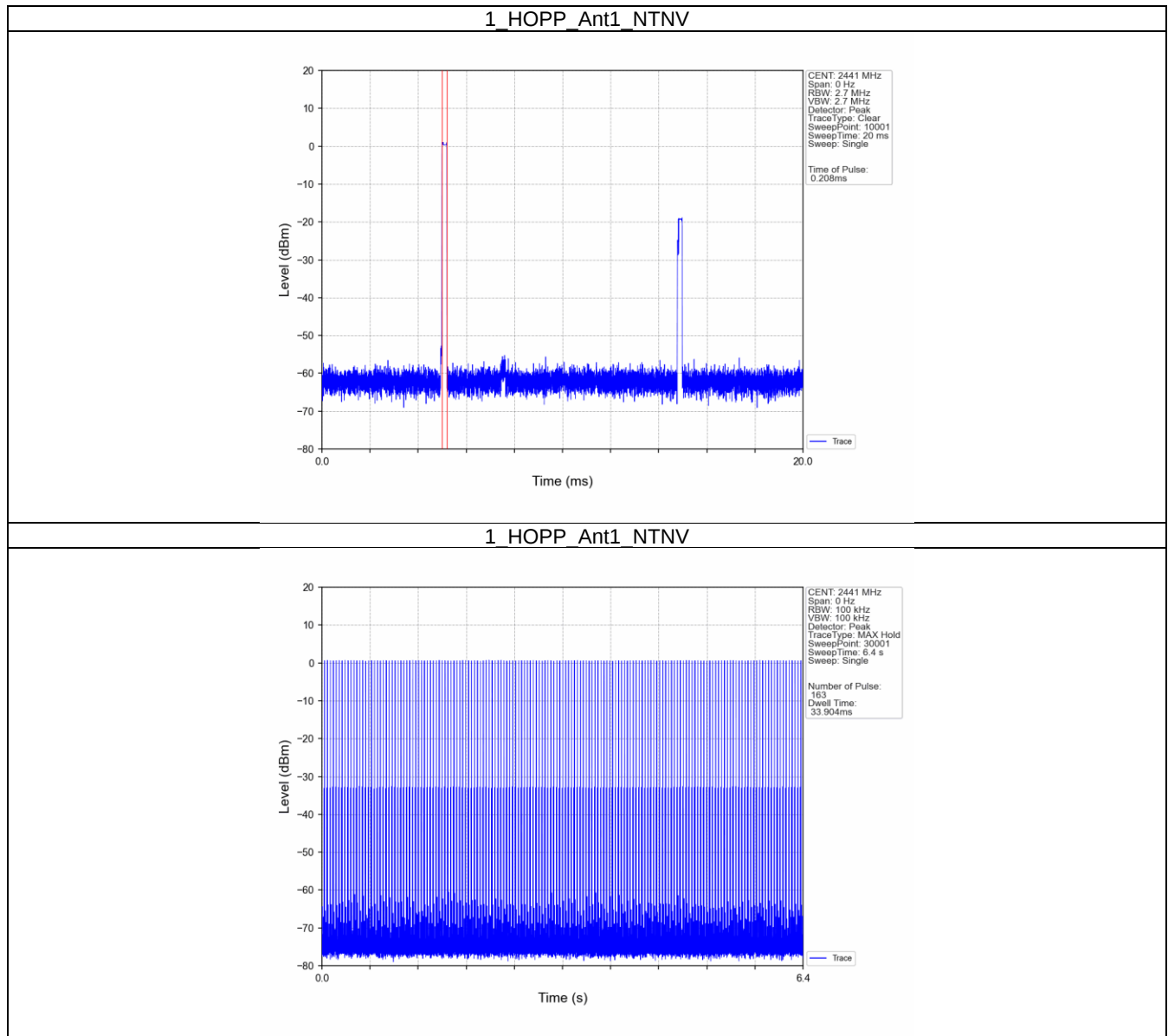
5.1 Test Result

5.1.1 Ant1

Ant1								
Mode	TX Type	Frequency (MHz)	Duration of Single Pulse (ms)	Observation Period (s)	Num of Pulse in Observation Period	Dwell Time (ms)	Limit (ms)	Verdict
1	SISO	HOPP	0.208	6.400	163	33.904	<=400	Pass

5.2 Test Graph

5.2.1 Ant1

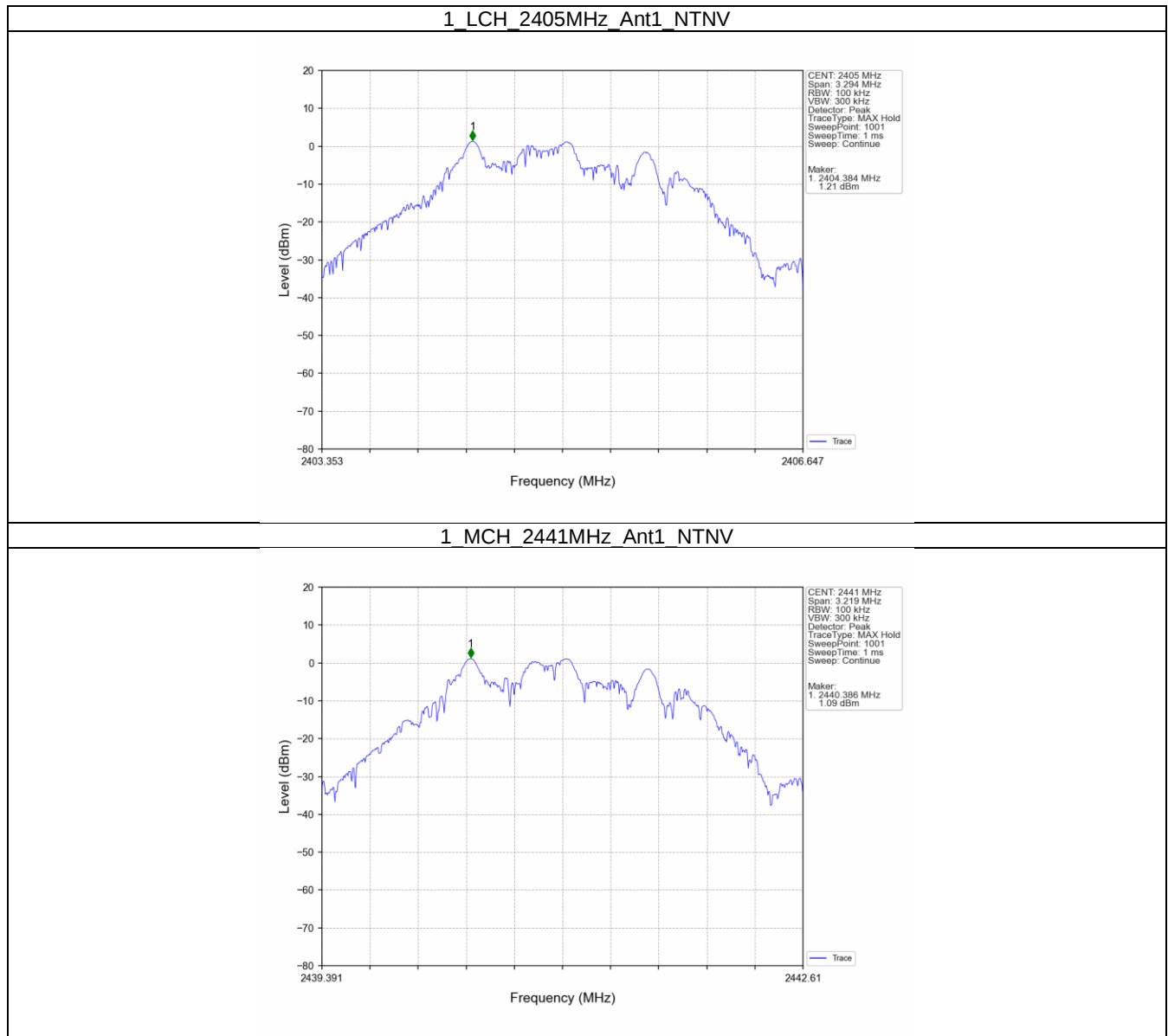




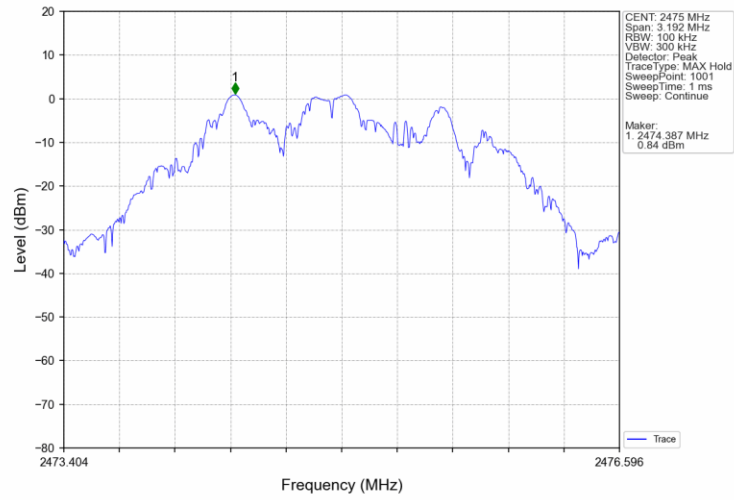
Mode	TX Type	Frequency (MHz)	ANT	Level of Reference (dBm)	Limit (dBm)	Verdict
1	SISO	2405	1	1.21	-18.79	Pass
		2441	1	1.09	-18.91	Pass
		2475	1	0.84	-19.16	Pass
		HOPP	1	1.57	-18.43	Pass
				1.57	-18.43	Pass
Note1: Refer to FCC Part 15.247 (d) and ANSI C63.10-2013, the channel contains the maximum PSD level was used to establish the reference level.						

6.2 Test Graph

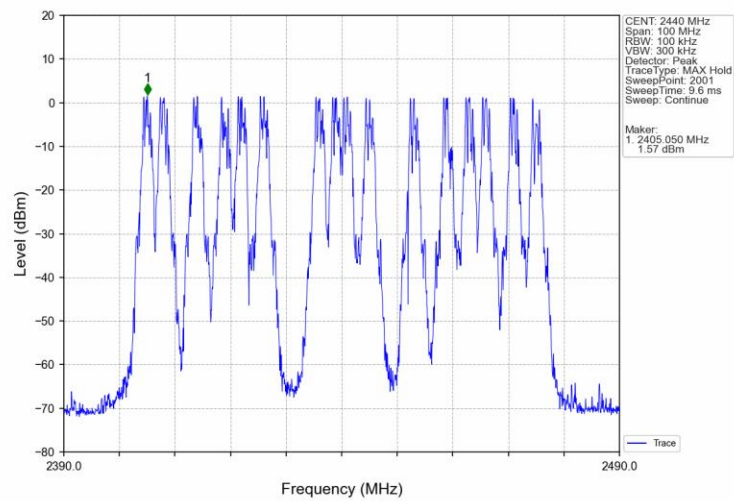
6.2.1 Ref



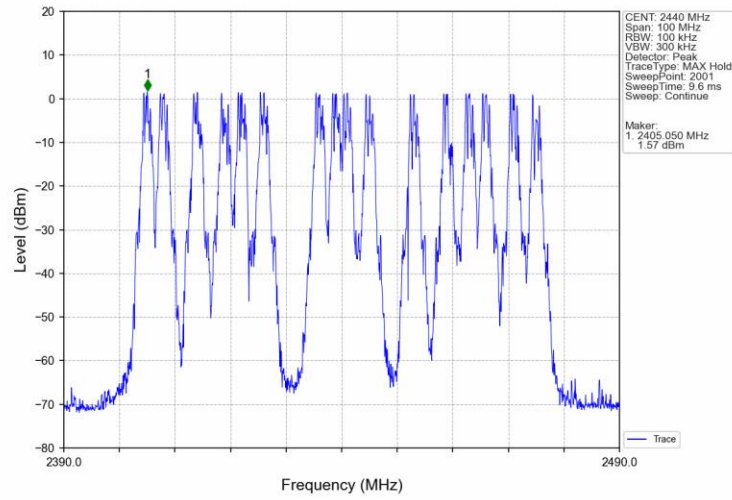
1_HCH_2475MHz_Ant1_NTNV



1_HOPP_Ant1_NTNV

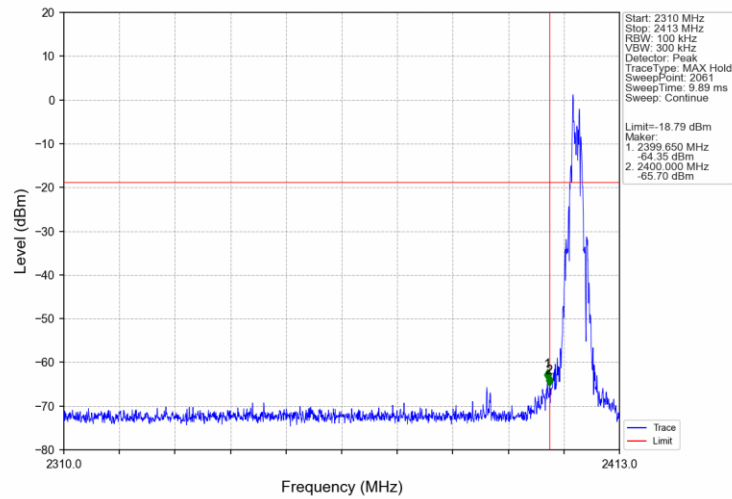


1_HOPP_Ant1_NTNV

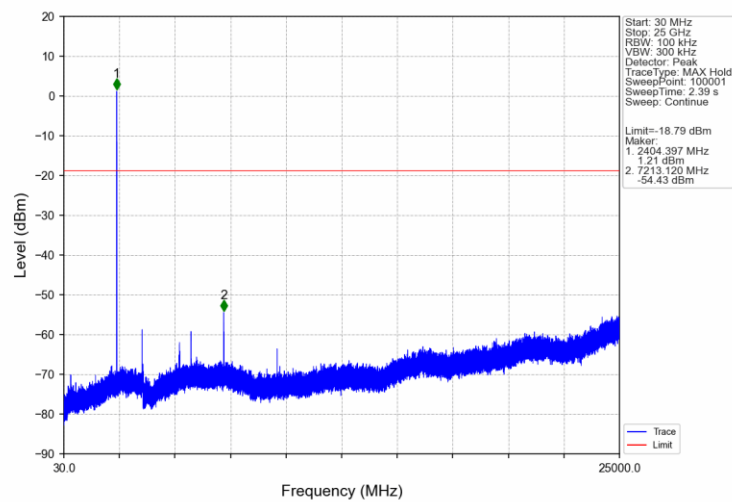


6.2.2 CSE

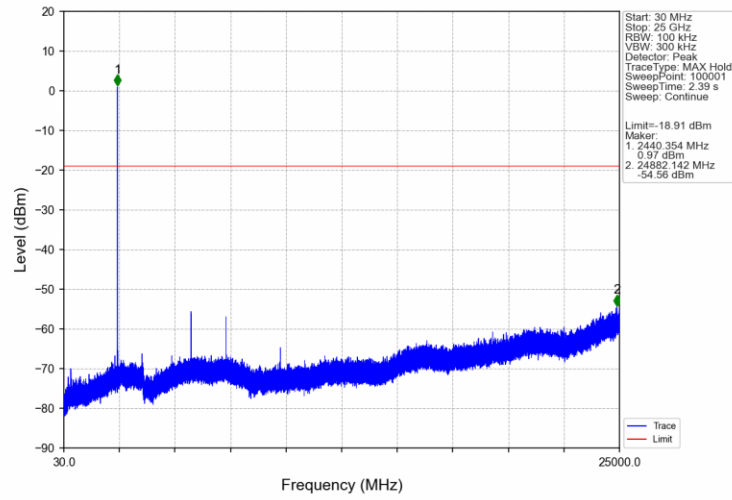
1_LCH_2405MHz_Ant1_NTNV



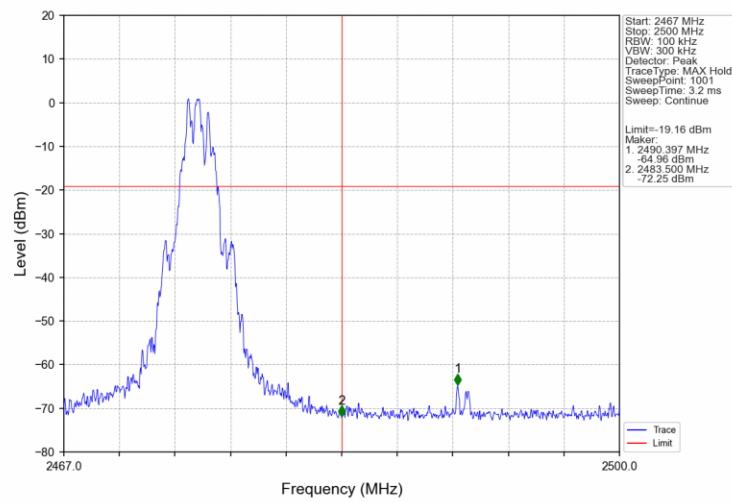
1_LCH_2405MHz_Ant1_NTNV



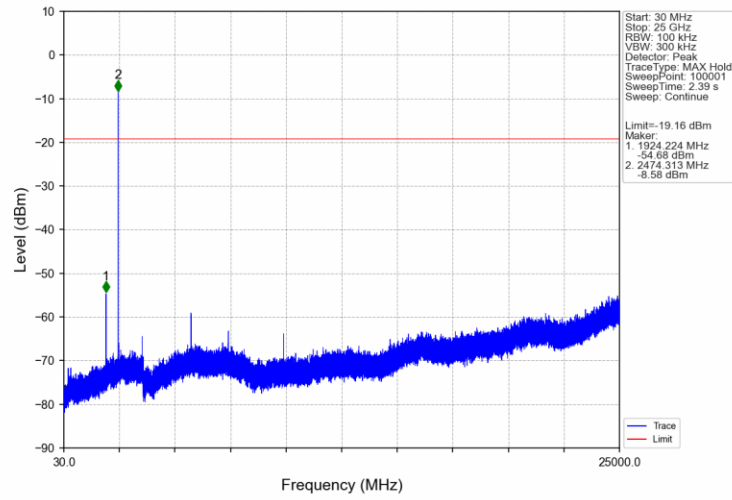
1_MCH_2441MHz_Ant1_NTNV



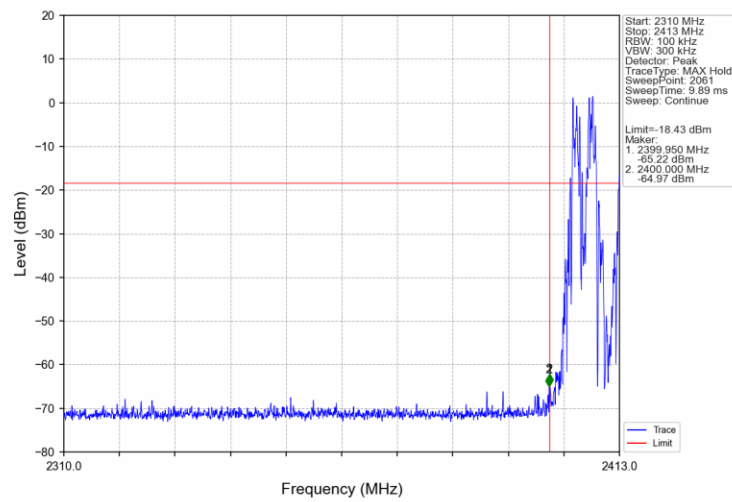
1_HCH_2475MHz_Ant1_NTNV



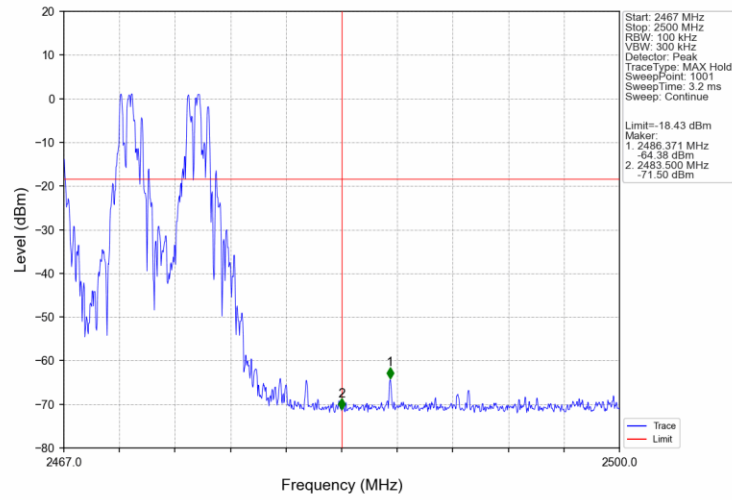
1_HCH_2475MHz_Ant1_NTNV



1_HOPP_Ant1_NTNV



1_HOPP_Ant1_NTNV



***** End of Report *****