

1. Duty Cycle

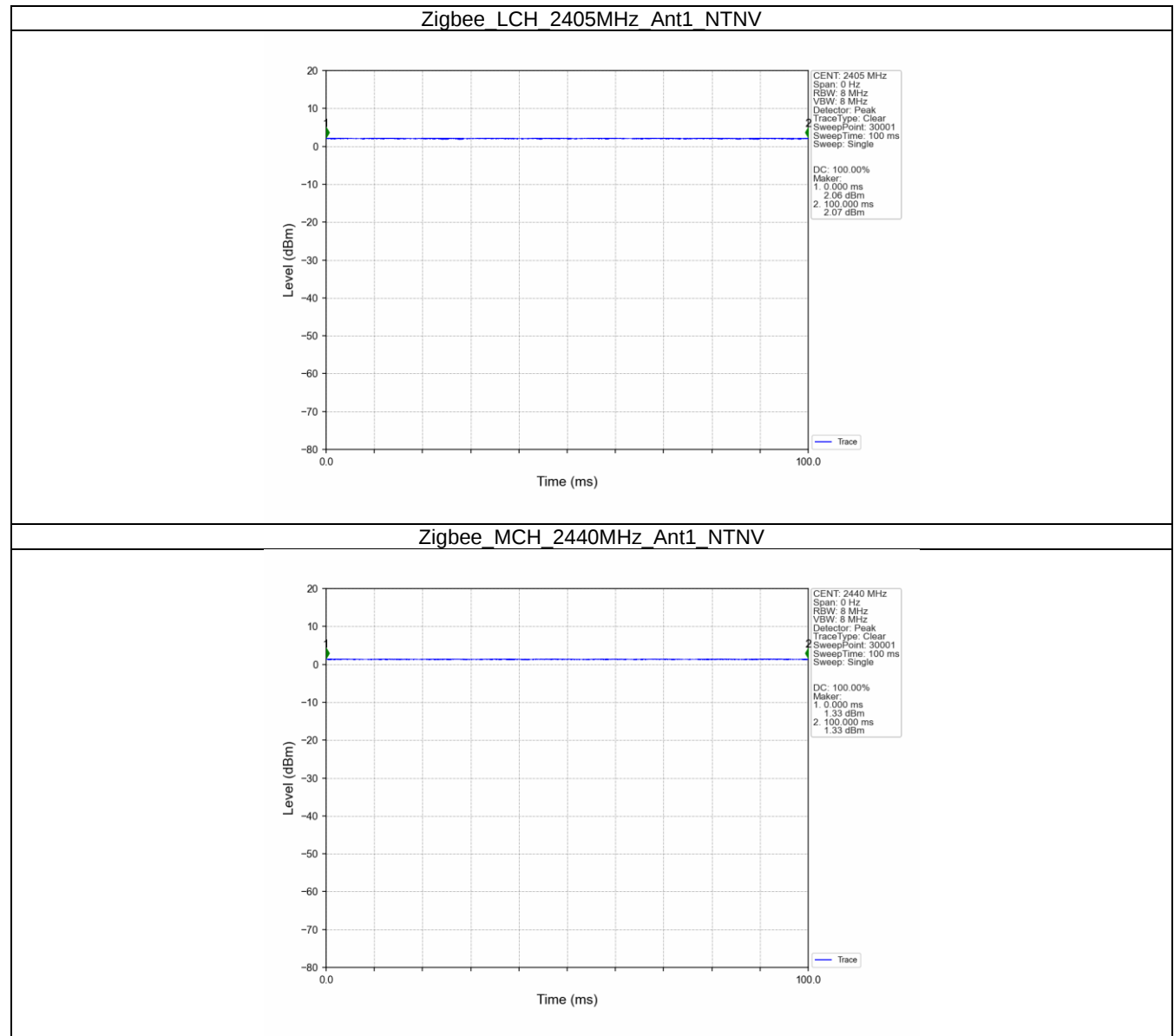
1.1 Test Result

1.1.1 Ant1

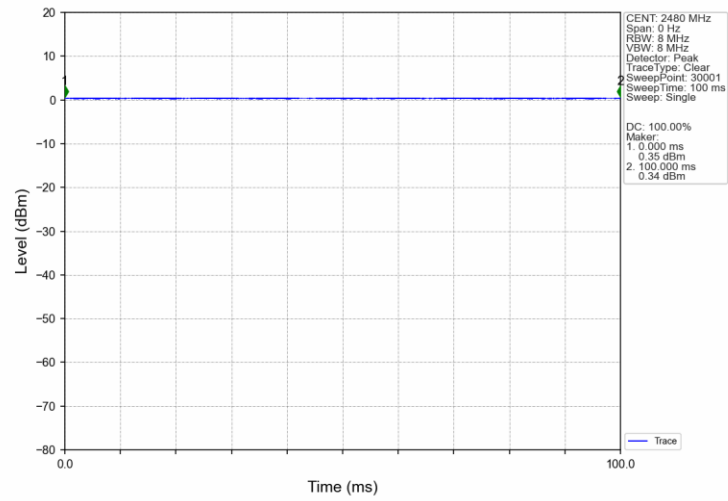
Ant1							
Mode	TX Type	Frequency (MHz)	T_on (ms)	Period (ms)	Duty Cycle (%)	Duty Cycle Correction Factor (dB)	Max. DC Variation (%)
Zigbee	SISO	2405	100.000	100.000	100.00	0.00	0.00
		2440	100.000	100.000	100.00	0.00	0.00
		2480	100.000	100.000	100.00	0.00	0.00

1.2 Test Graph

1.2.1 Ant1



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2. Bandwidth

2.1 Test Result

2.1.1 OBW

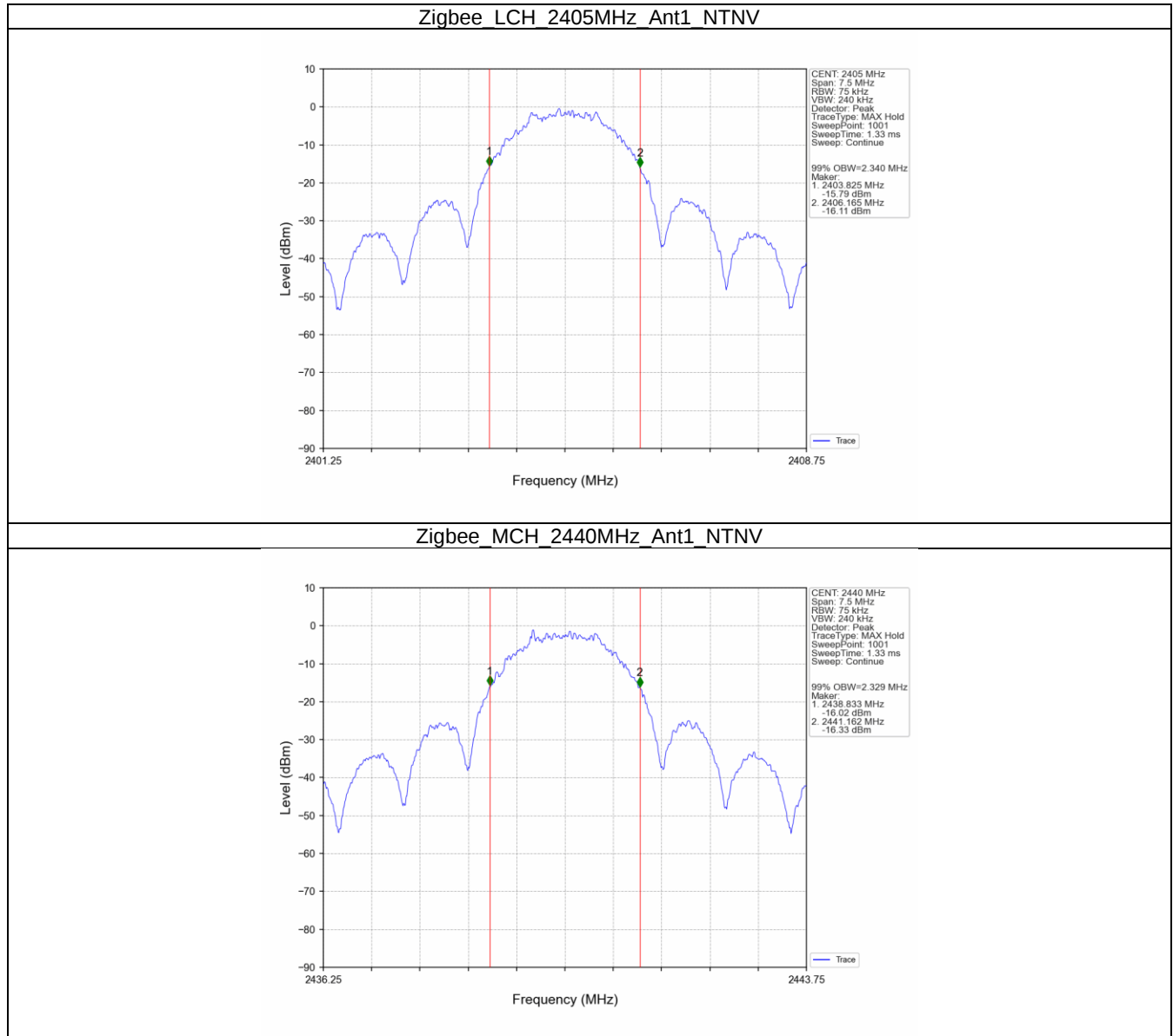
Mode	TX Type	Frequency (MHz)	ANT	99% Occupied Bandwidth (MHz)		Verdict
				Result	Limit	
Zigbee	SISO	2405	1	2.340	/	Pass
		2440	1	2.329	/	Pass
		2480	1	2.338	/	Pass

2.1.2 6dB BW

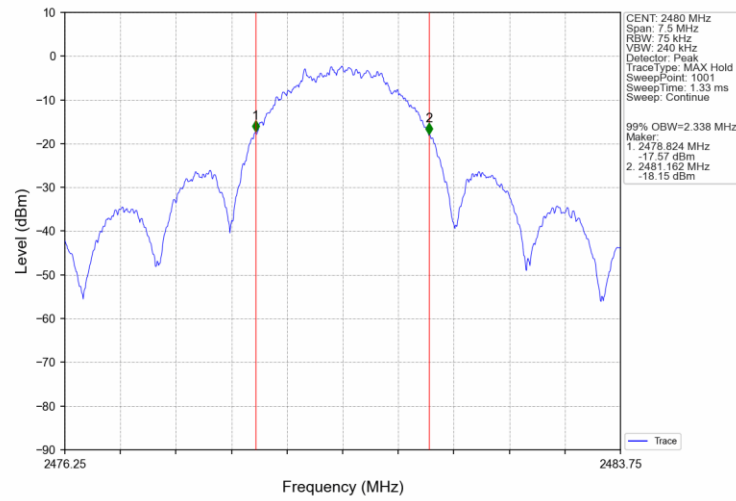
Mode	TX Type	Frequency (MHz)	ANT	6dB Bandwidth (MHz)		Verdict
				Result	Limit	
Zigbee	SISO	2405	1	1.495	≥ 0.5	Pass
		2440	1	1.494	≥ 0.5	Pass
		2480	1	1.523	≥ 0.5	Pass

2.2 Test Graph

2.2.1 OBW

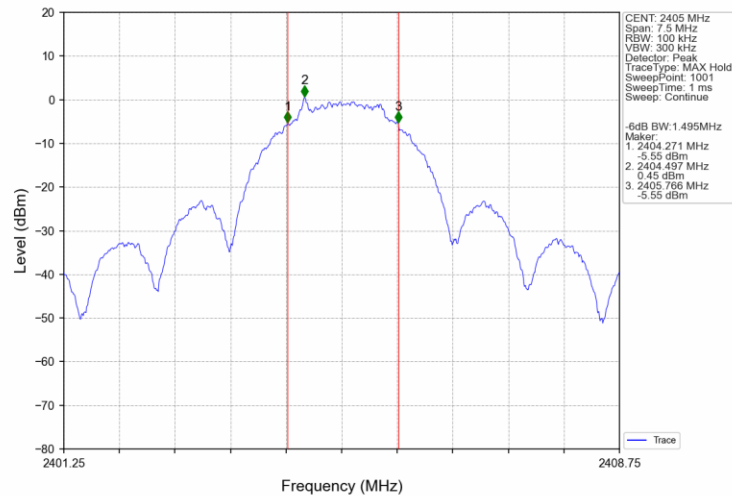


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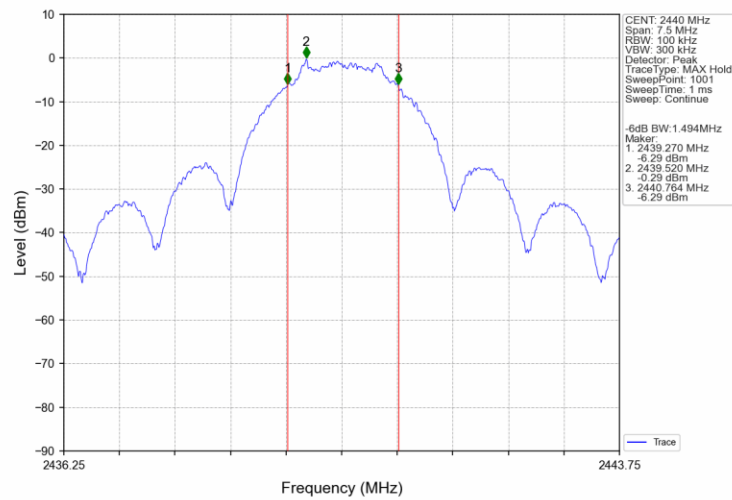


2.2.2 6dB BW

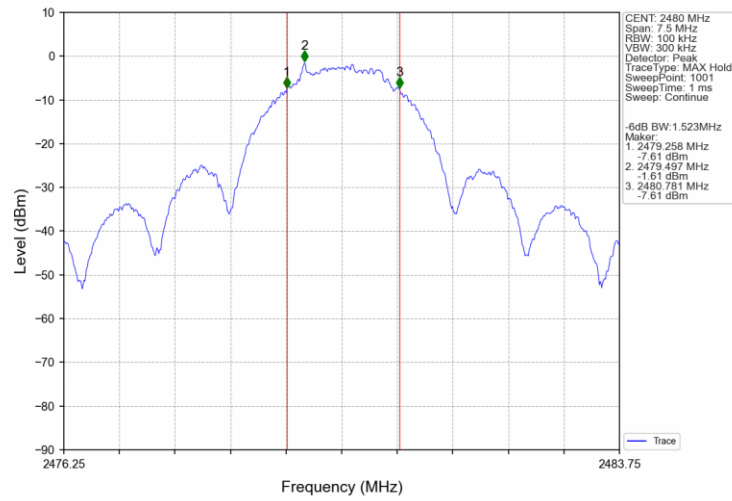
Zigbee_LCH_2405MHz_Ant1_NTNV



Zigbee_MCH_2440MHz_Ant1_NTNV



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3. Maximum Conducted Output Power

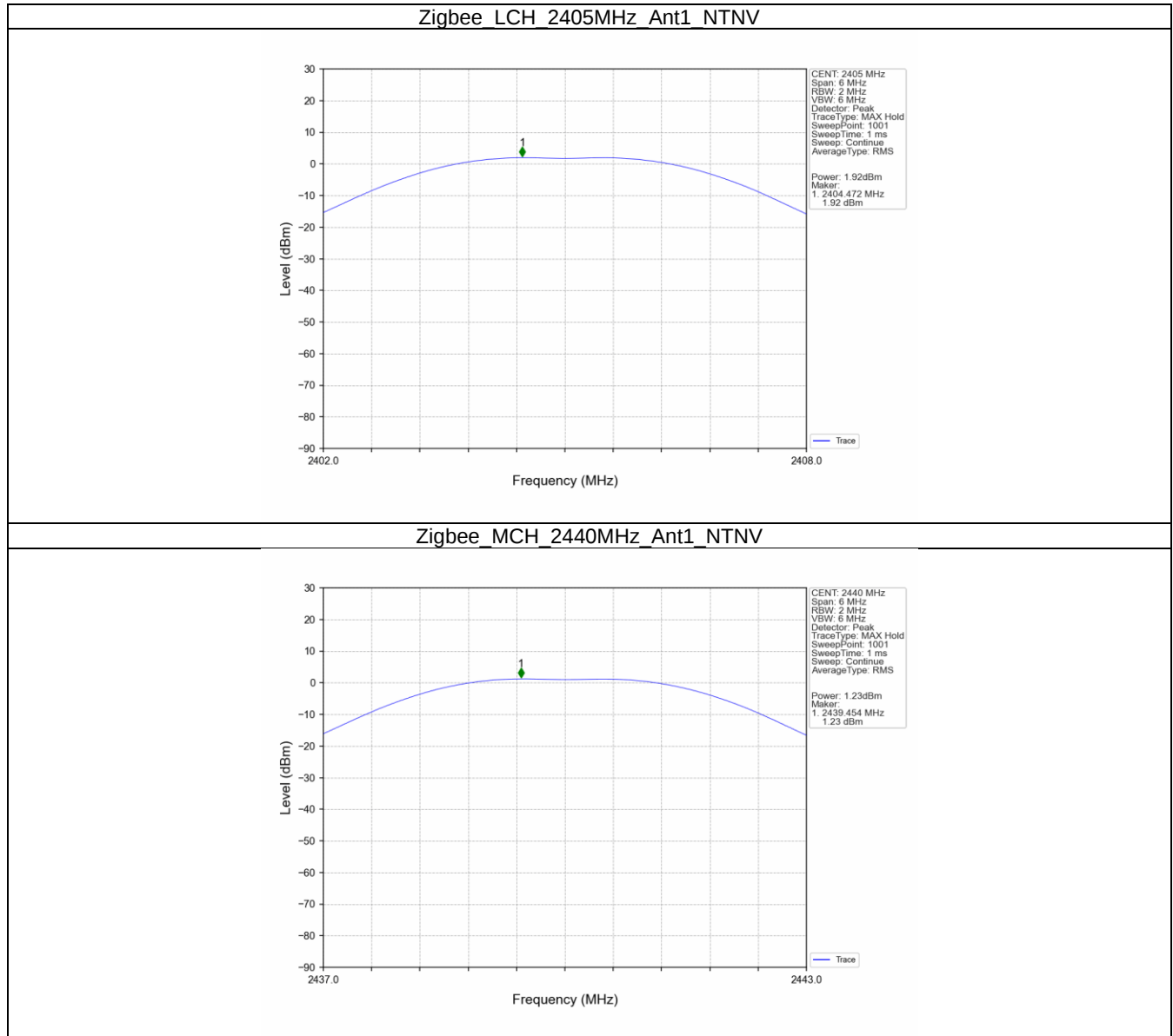
3.1 Test Result

3.1.1 Power

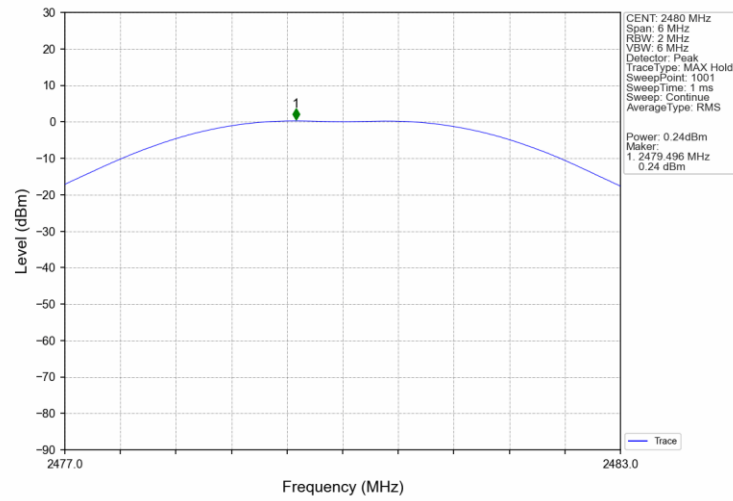
Mode	TX Type	Frequency (MHz)	Maximum Peak Conducted Output Power (dBm)		Verdict
			ANT1	Limit	
Zigbee	SISO	2405	1.92	≤ 30	Pass
		2440	1.23	≤ 30	Pass
		2480	0.24	≤ 30	Pass

3.2 Test Graph

3.2.1 Power



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4. Maximum Power Spectral Density

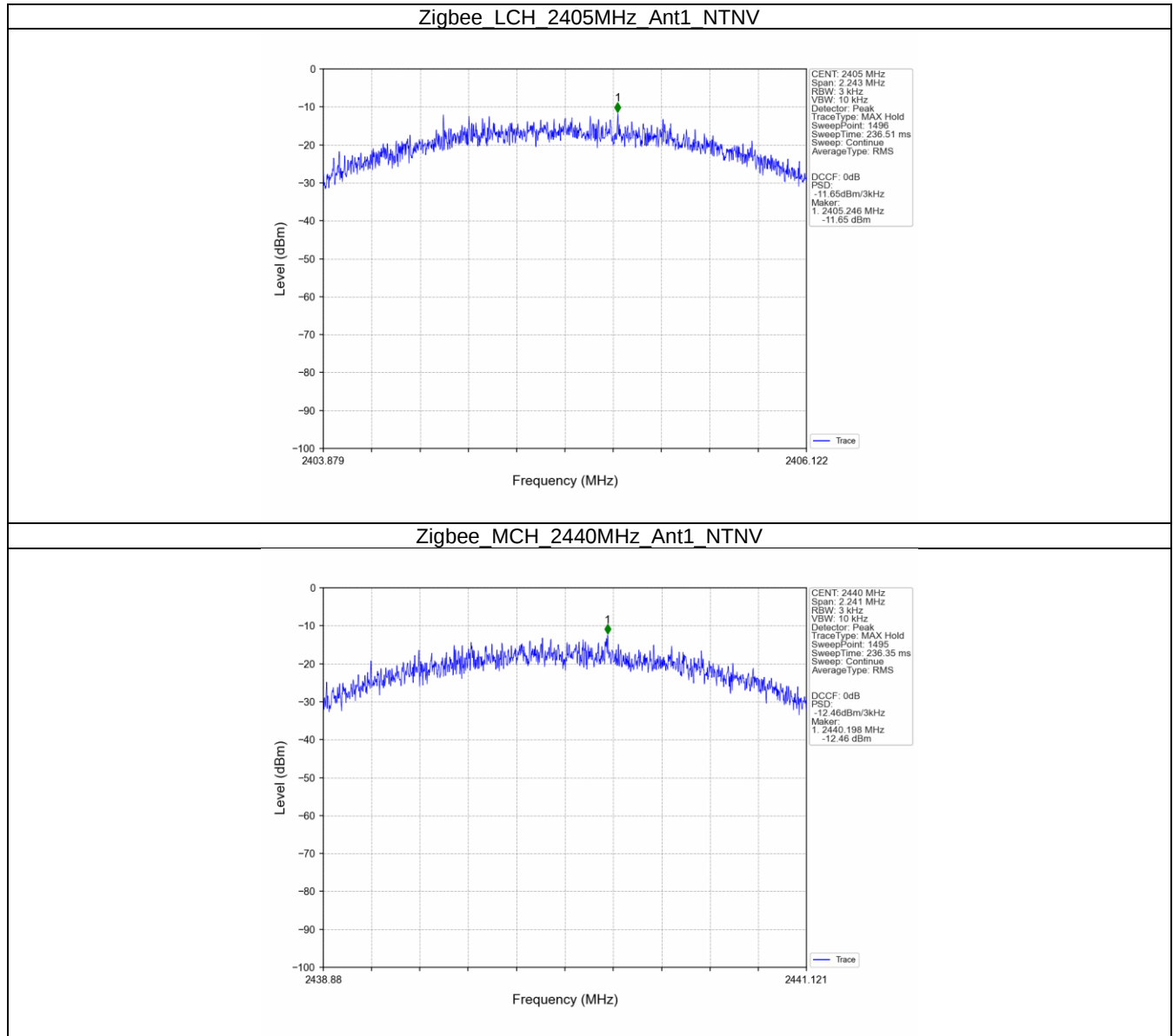
4.1 Test Result

4.1.1 PSD

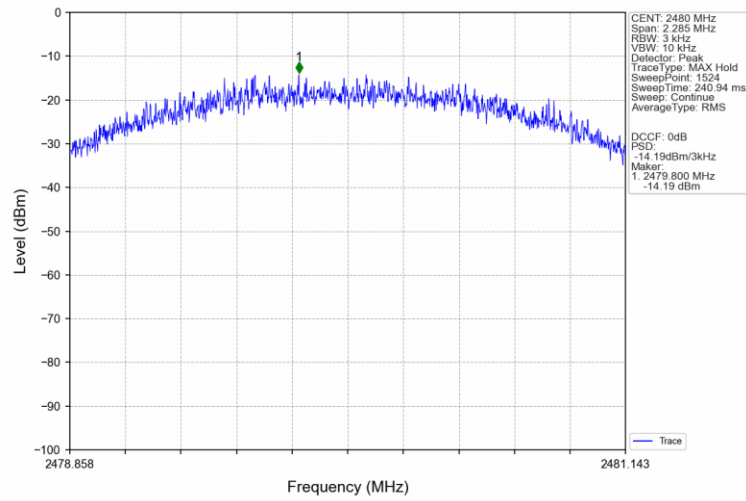
Mode	TX Type	Frequency (MHz)	Maximum PSD (dBm/3kHz)		Verdict
			ANT1	Limit	
Zigbee	SISO	2405	-11.65	<=8	Pass
		2440	-12.46	<=8	Pass
		2480	-14.19	<=8	Pass

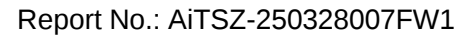
4.2 Test Graph

4.2.1 PSD



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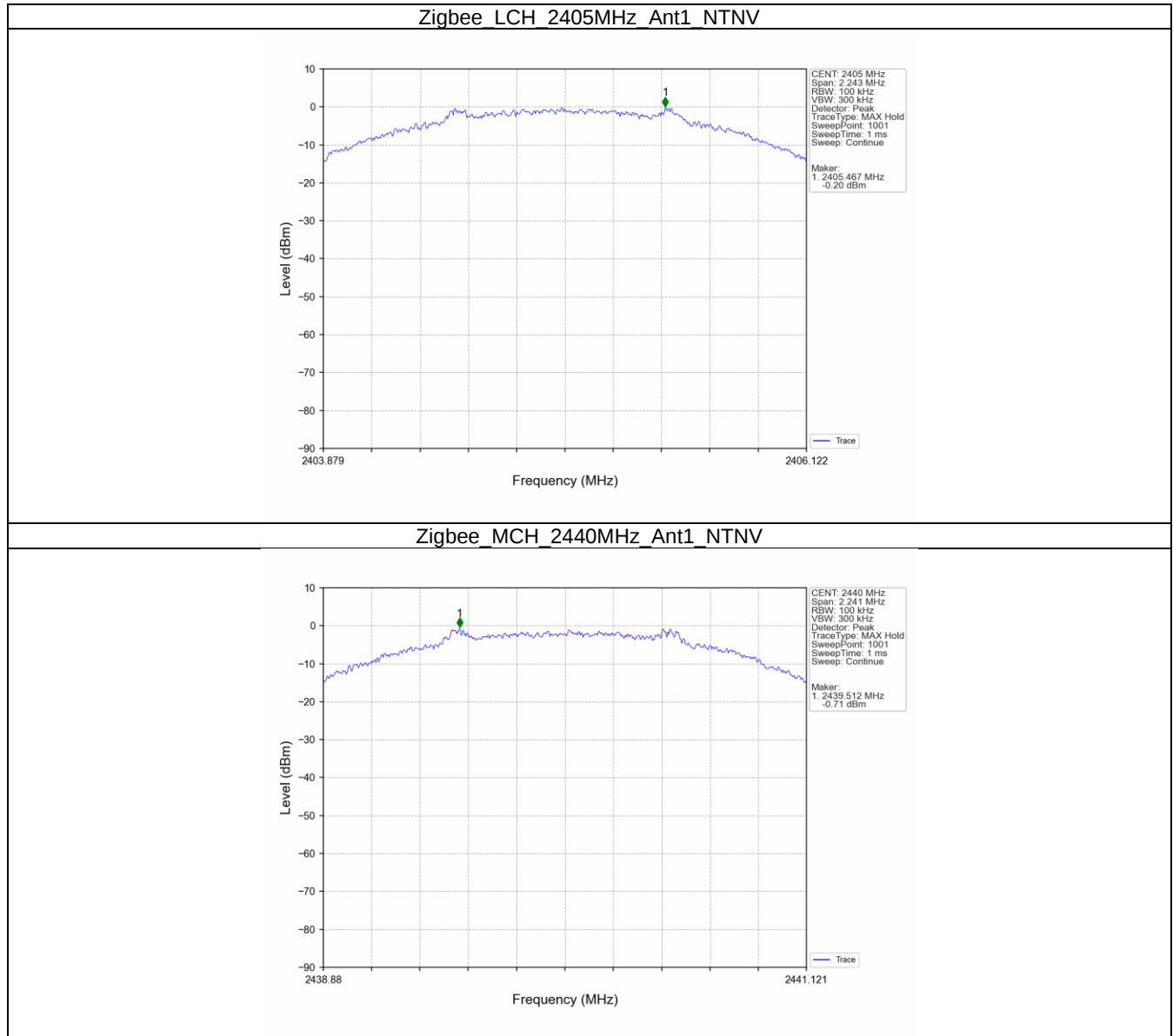




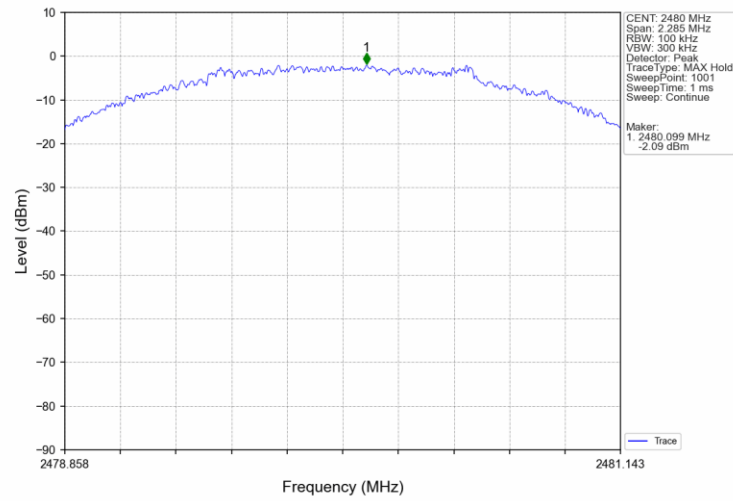
Mode	Tx Type	Frequency (MHz)	ANT	Level of Reference (dBm)	Limit (dBm)	Verdict
Zigbee	SISO	2405	1	-0.20	-20.20	Pass
		2440	1	-0.71	-20.71	Pass
		2480	1	-2.09	-22.09	Pass
Note1: Refer to FCC Part 15.247 (d) and ANSI C63.10-2013, the channel contains the maximum PSD level was used to establish the reference level.						

5.2 Test Graph

5.2.1 Ref

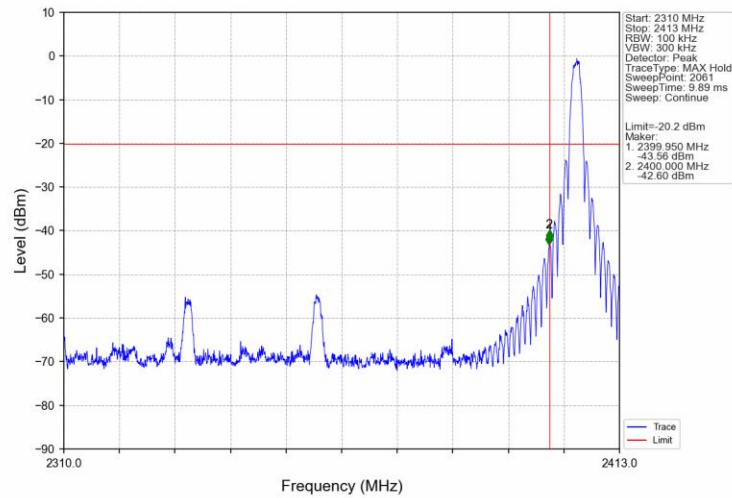


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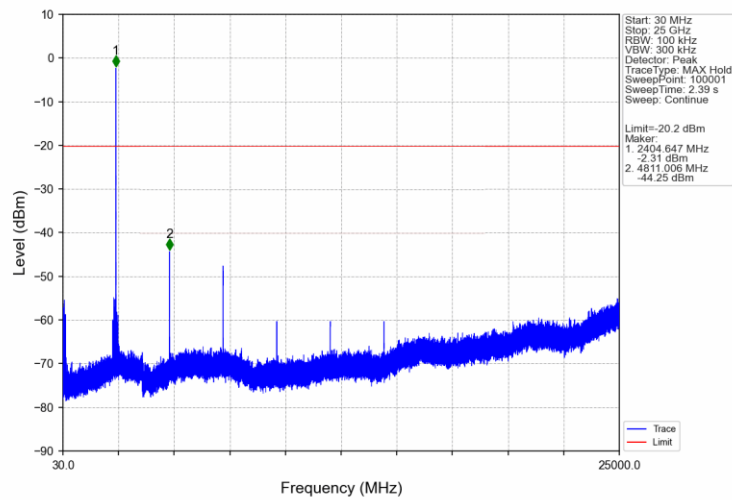


5.2.2 CSE

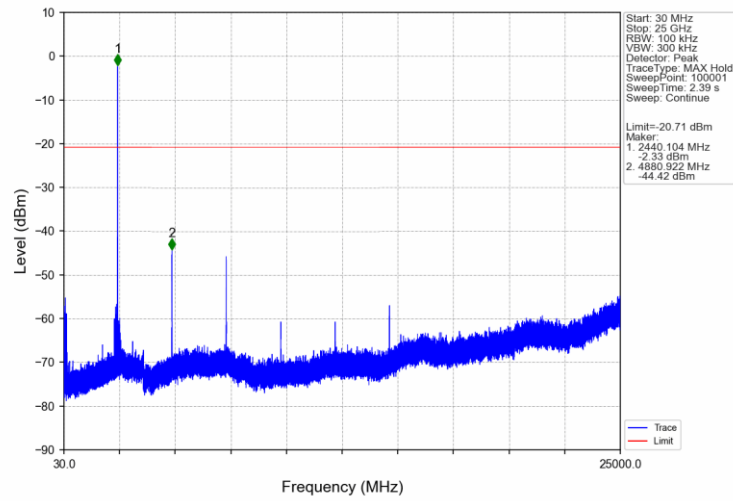
Zigbee_LCH_2405MHz_Ant1_NTNV



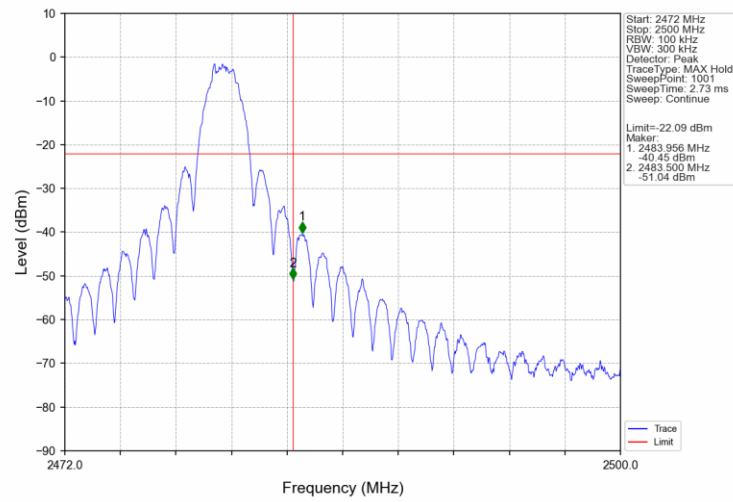
Zigbee_LCH_2405MHz_Ant1_NTNV



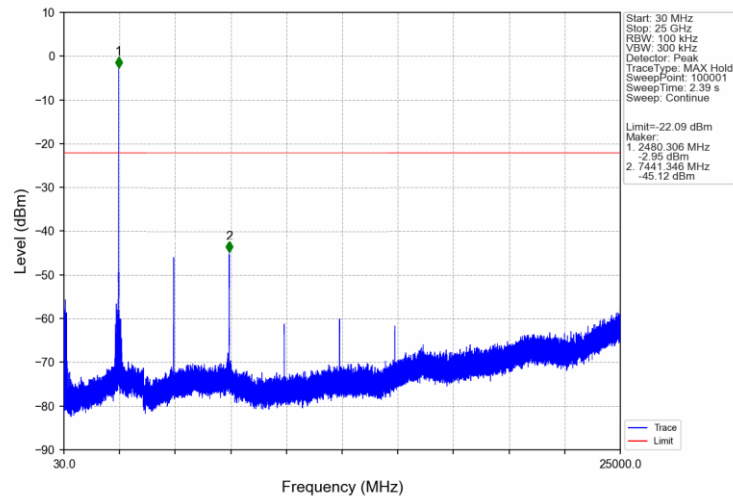
Zigbee_MCH_2440MHz_Ant1_NTNV



Zigbee_HCH_2480MHz_Ant1_NTNV



Zigbee HCH 2480MHz Ant1 NTN



6. Form731

6.1 Test Result

6.1.1 Form731

Lower Freq (MHz)	High Freq (MHz)	MAX Power (W)	MAX Power (dBm)
2405	2480	0.0016	1.92