

ANNEX D TEST DATA

For

Project No.:	8225EU012305W
Client:	SHENZHEN ELECTRON TECHNOLOGY CO.,LTD.
Product Description:	Android Tablet
Model No.:	WF4305T
FCC ID:	2ABC5-E0052
Technology:	Bluetooth BLE
Test Engineer:	<i>Mikoy zhu</i>
Test Date:	2024-01-29

Test Summary

Item	Result
Duty Cycle	Pass
Bandwidth	Pass
Maximum Conducted Output Power	Pass
Maximum Power Spectral Density	Pass
Unwanted Emissions In Non-restricted Frequency Bands	Pass
Unwanted Emissions In Restricted Frequency Bands	Pass

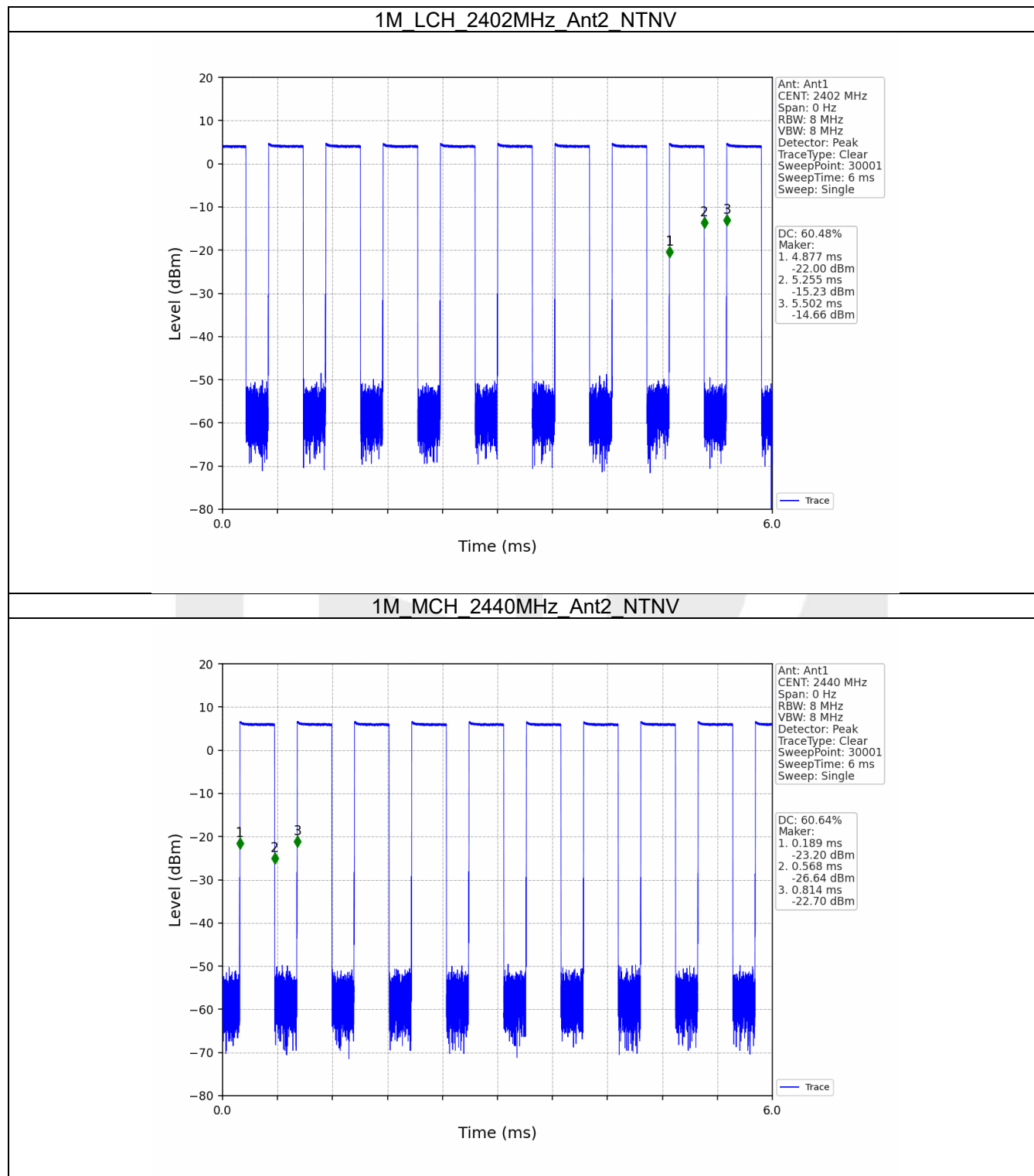
1. Duty Cycle

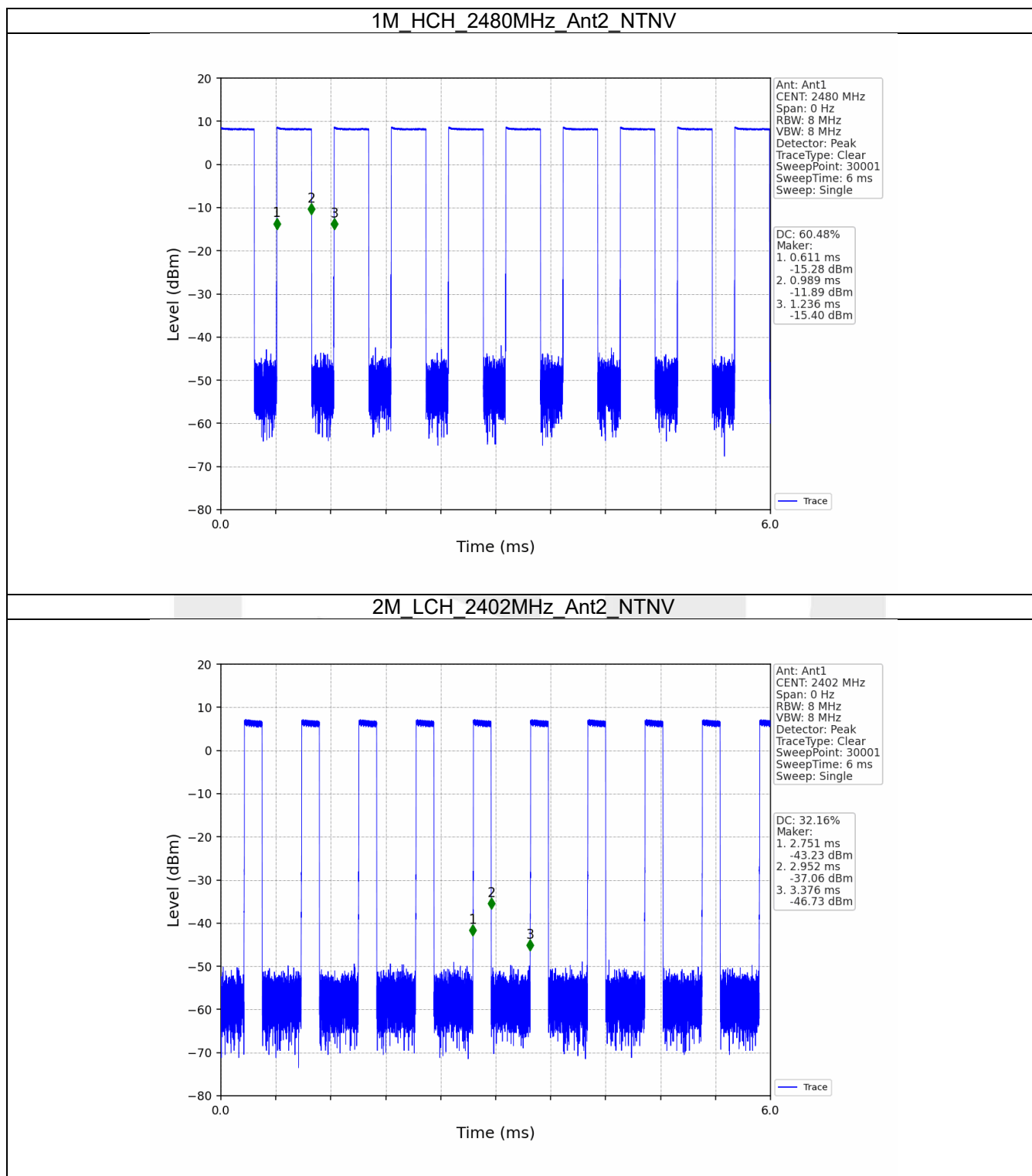
1.1 Ant2

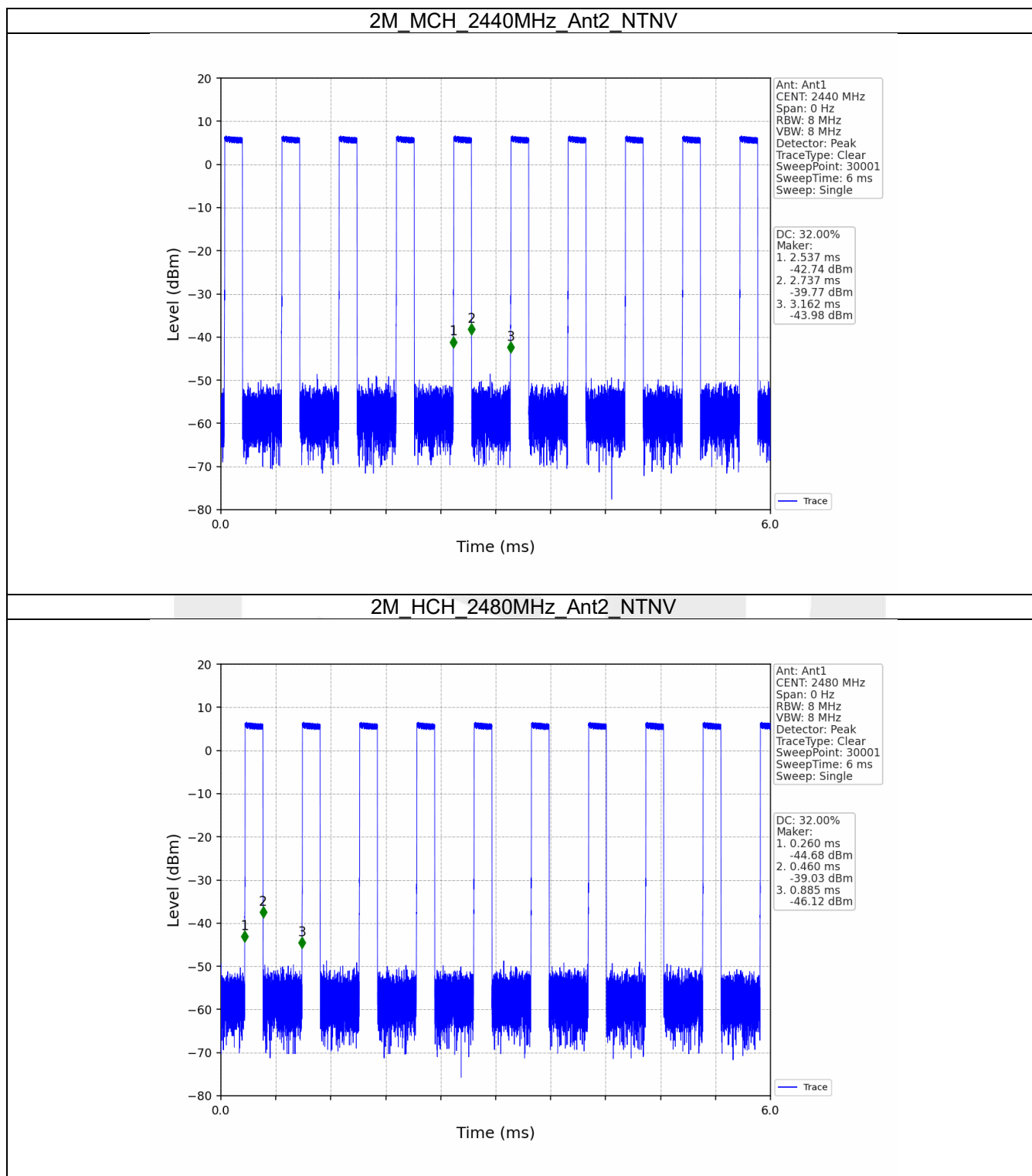
1.1.1 Test Result

Ant2							
Mode	TX Type	Frequency (MHz)	T_on (ms)	Period (ms)	Duty Cycle (%)	Duty Cycle Correction Factor (dB)	Max. DC Variation (%)
1M	SISO	2402	0.378	0.625	60.48	2.18	0.05
		2440	0.379	0.625	60.64	2.17	0.00
		2480	0.378	0.625	60.48	2.18	0.00
2M	SISO	2402	0.201	0.625	32.16	4.93	0.02
		2440	0.200	0.625	32.00	4.95	0.04
		2480	0.200	0.625	32.00	4.95	0.00

1.1.2 Test Graph







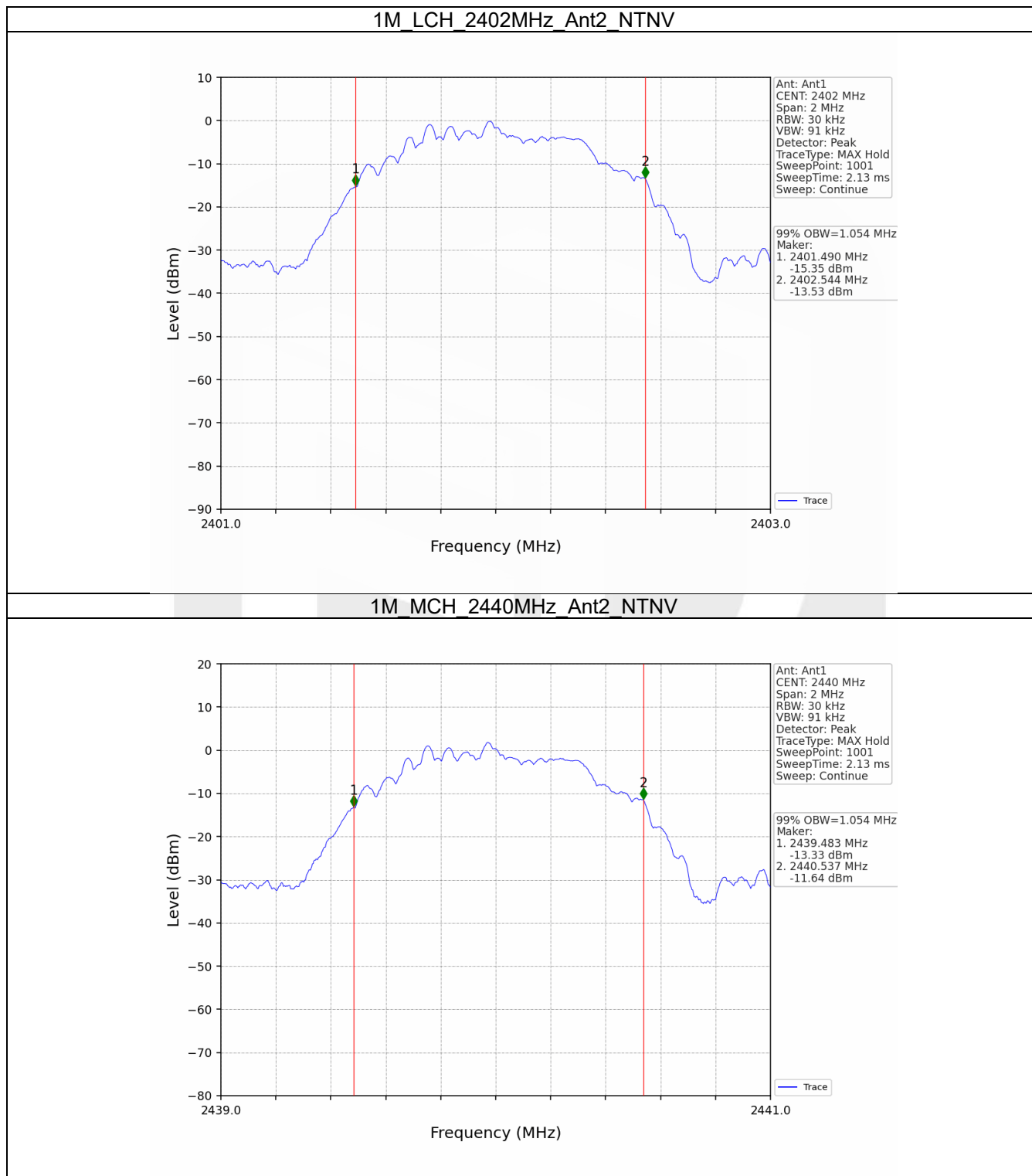
2. Bandwidth

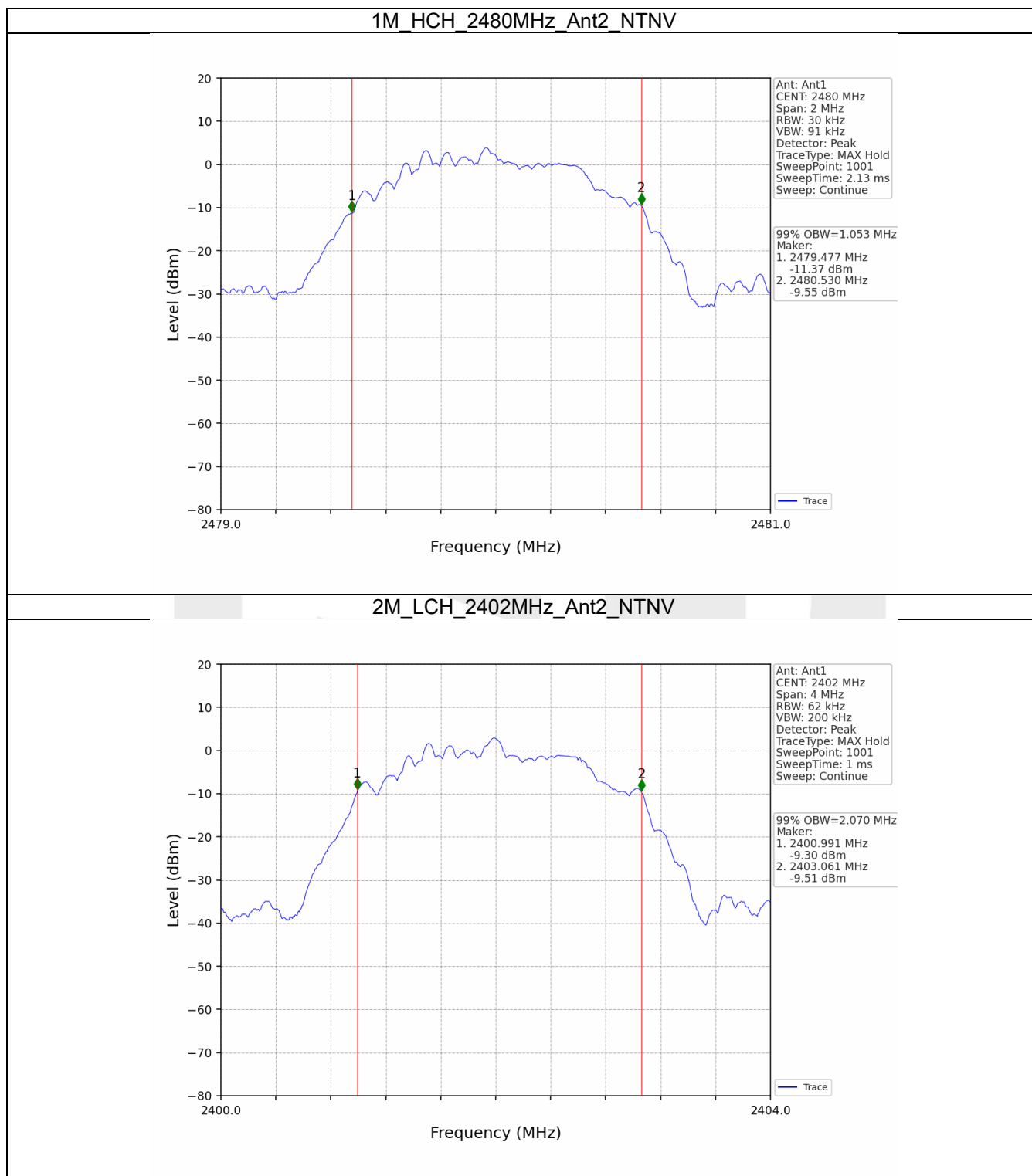
2.1 OBW

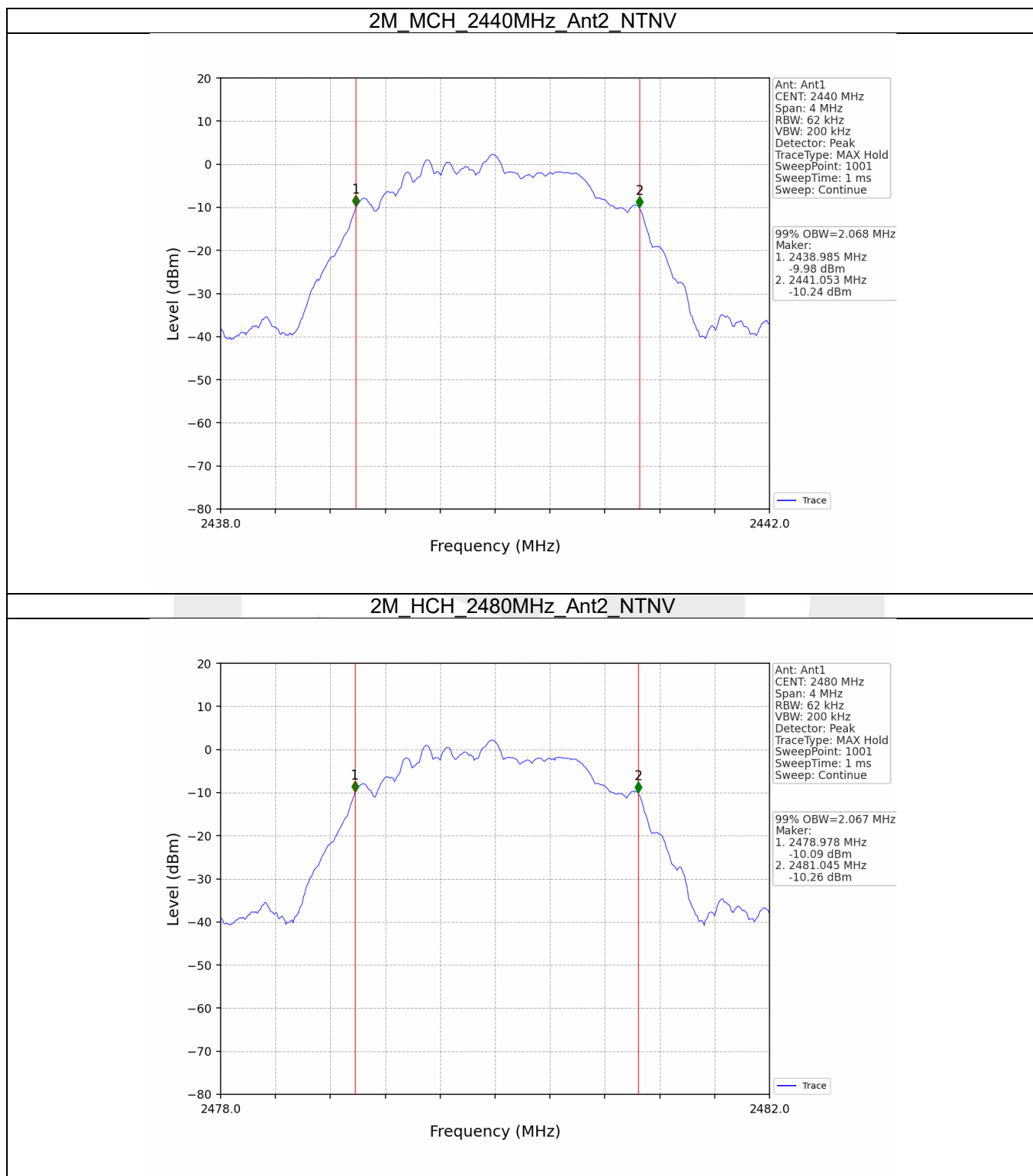
2.1.1 Test Result

Mode	TX Type	Frequency (MHz)	ANT	99% Occupied Bandwidth (MHz)	Verdict
				Result	
1M	SISO	2402	2	1.054	Pass
		2440	2	1.054	Pass
		2480	2	1.053	Pass
2M	SISO	2402	2	2.070	Pass
		2440	2	2.068	Pass
		2480	2	2.067	Pass

2.1.2 Test Graph





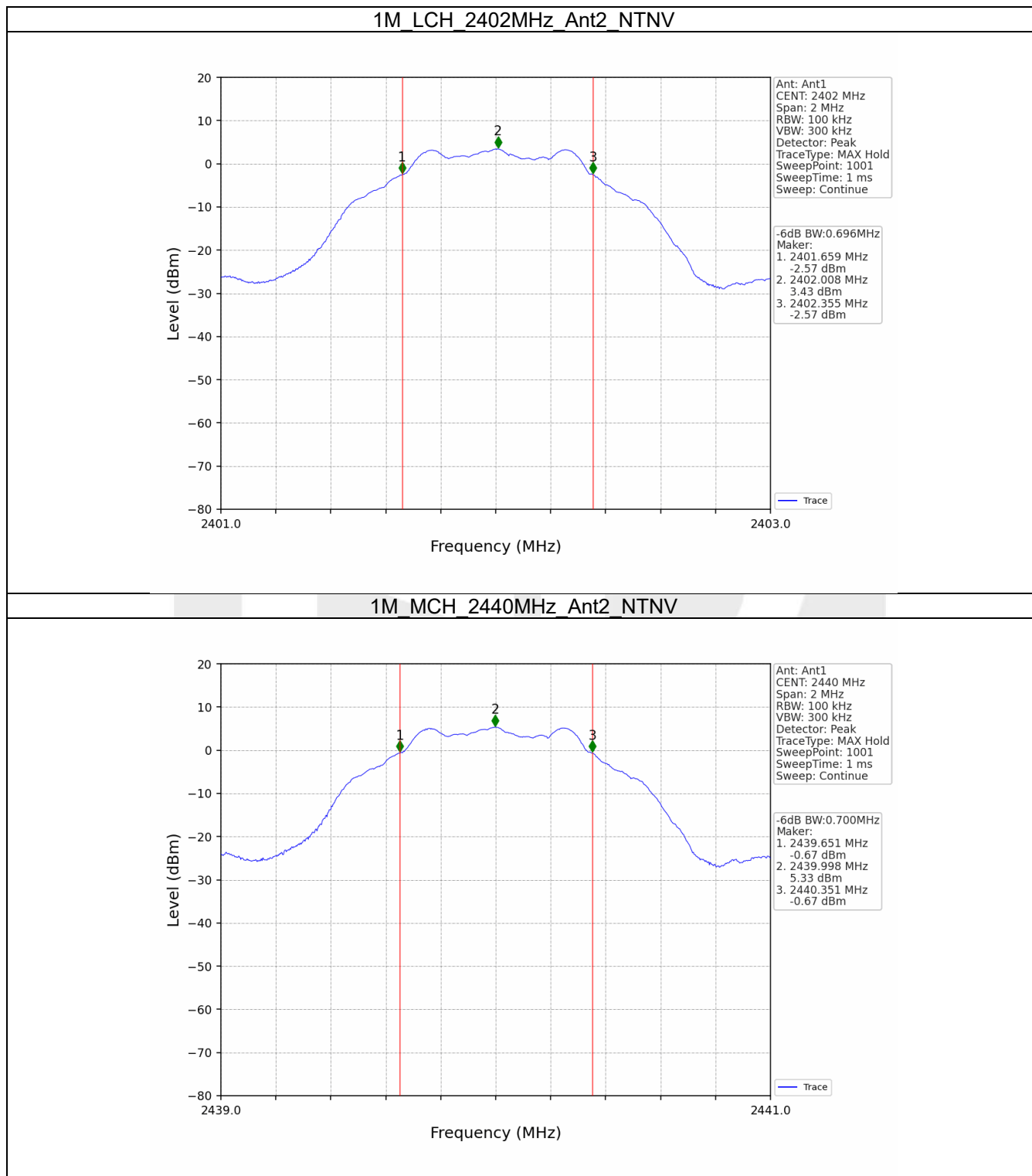


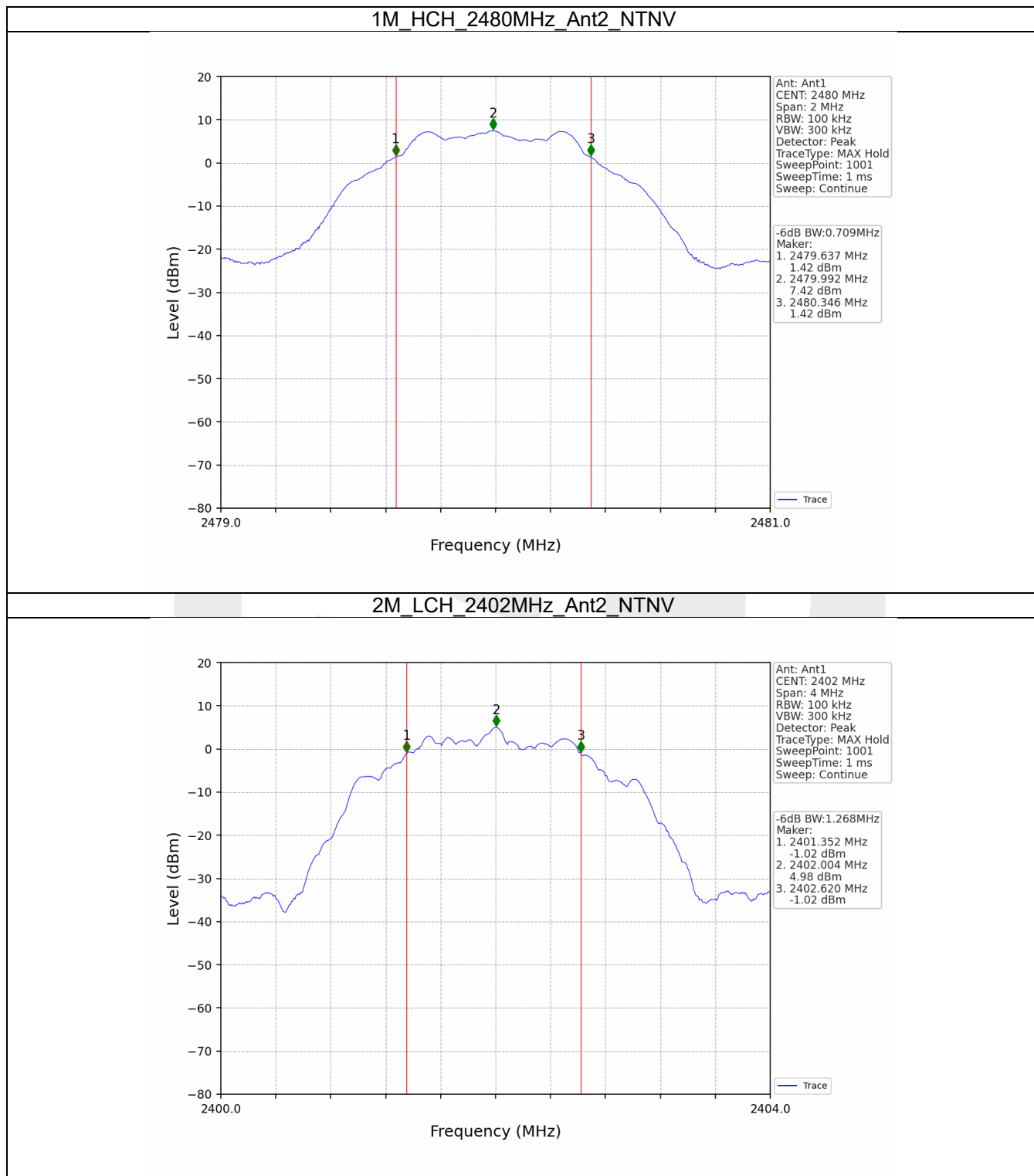
2.2 6dB BW

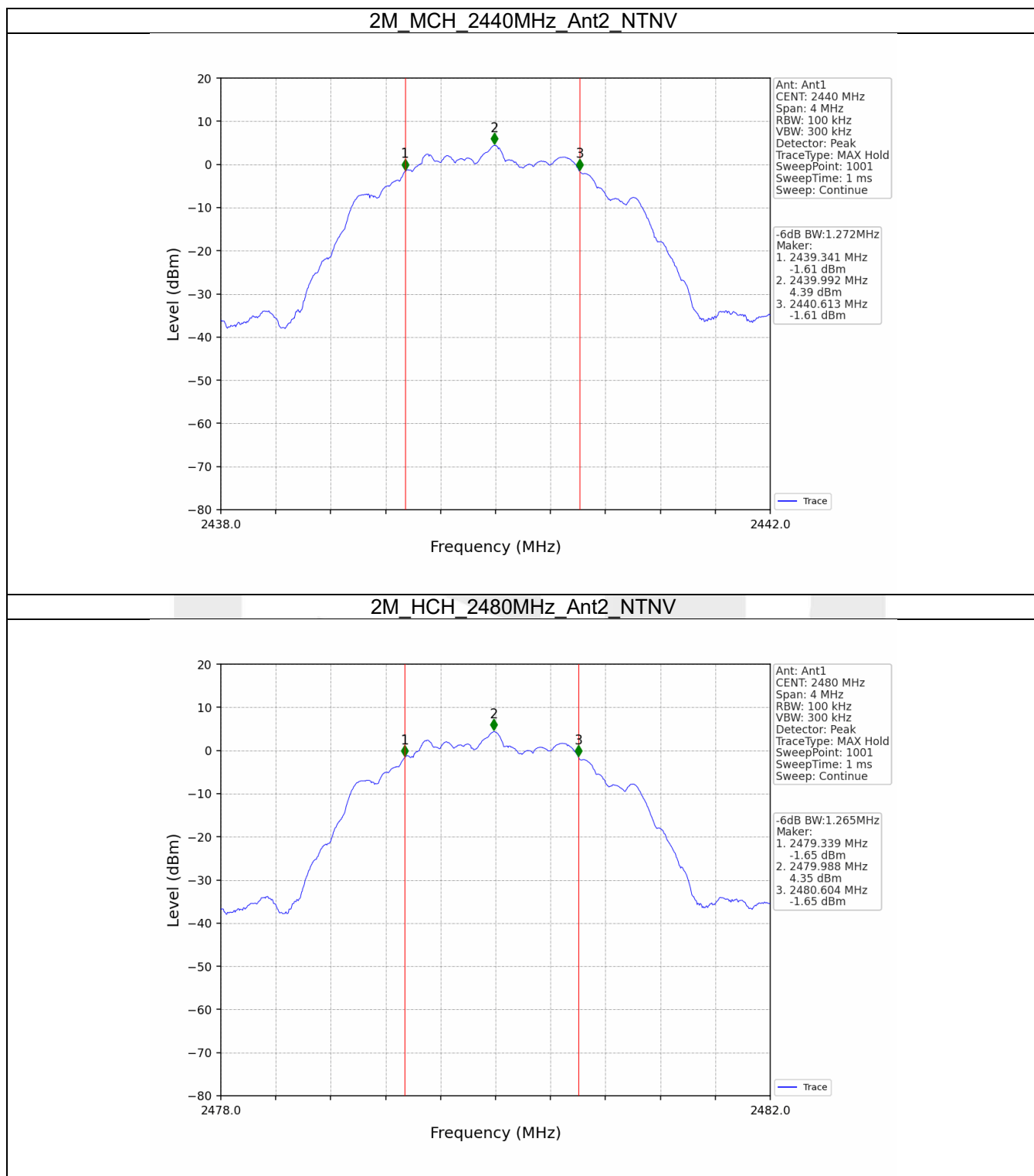
2.2.1 Test Result

Mode	TX Type	Frequency (MHz)	ANT	6dB Bandwidth (MHz)		Verdict
				Result	Limit	
1M	SISO	2402	2	0.696	≥ 0.5	Pass
		2440	2	0.700	≥ 0.5	Pass
		2480	2	0.709	≥ 0.5	Pass
2M	SISO	2402	2	1.268	≥ 0.5	Pass
		2440	2	1.272	≥ 0.5	Pass
		2480	2	1.265	≥ 0.5	Pass

2.2.2 Test Graph







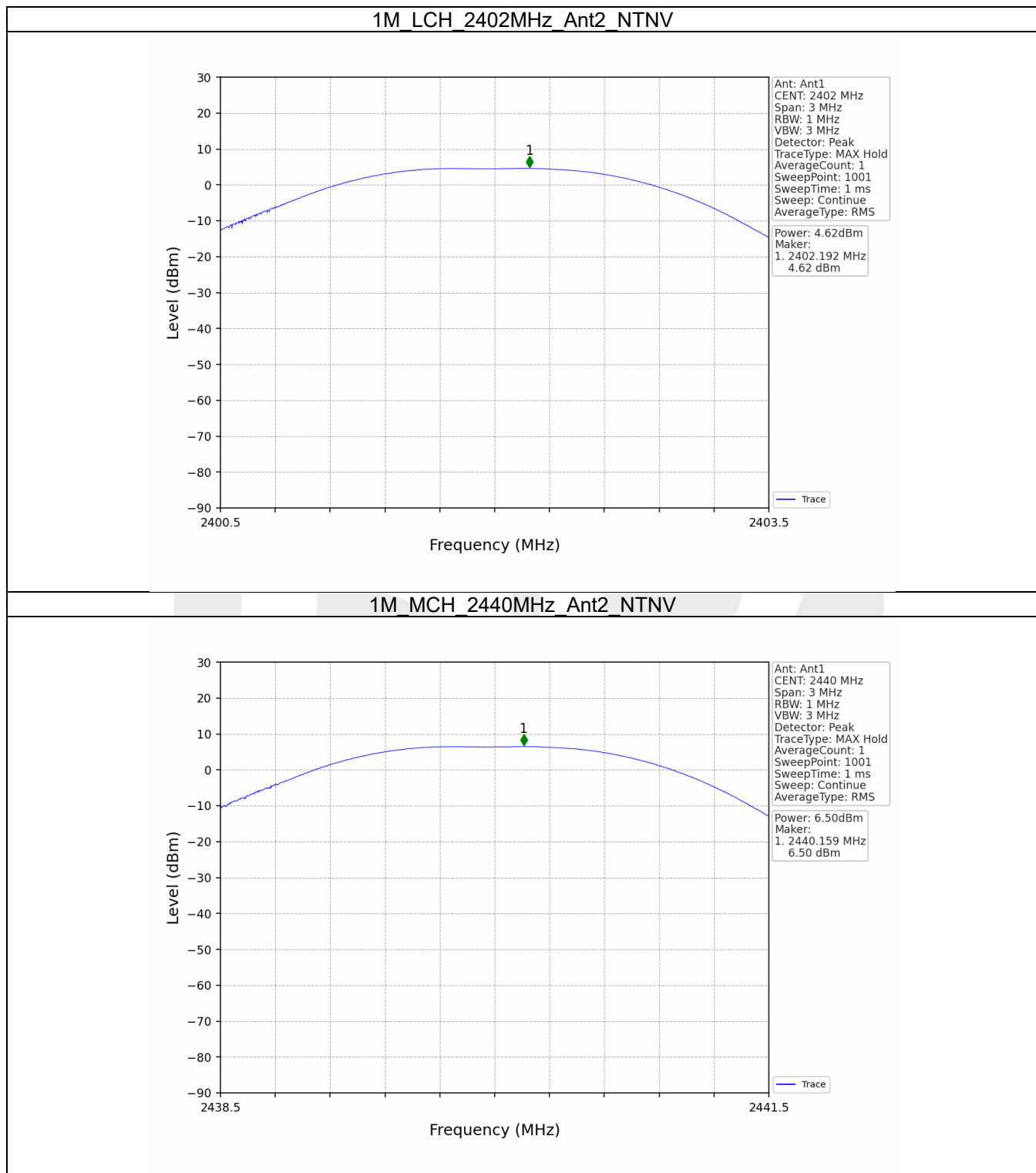
3. Maximum Conducted Output Power

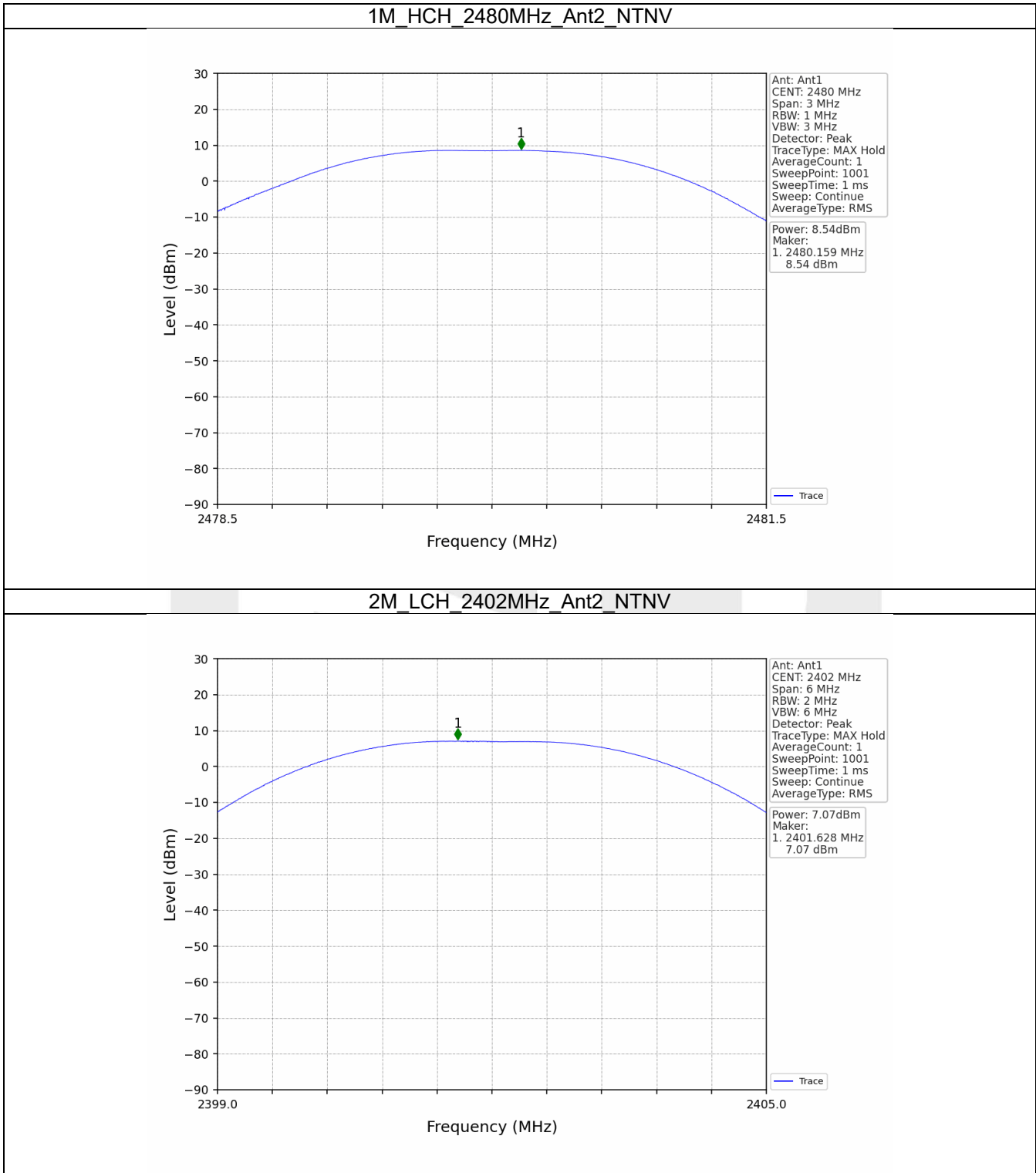
3.1 Power

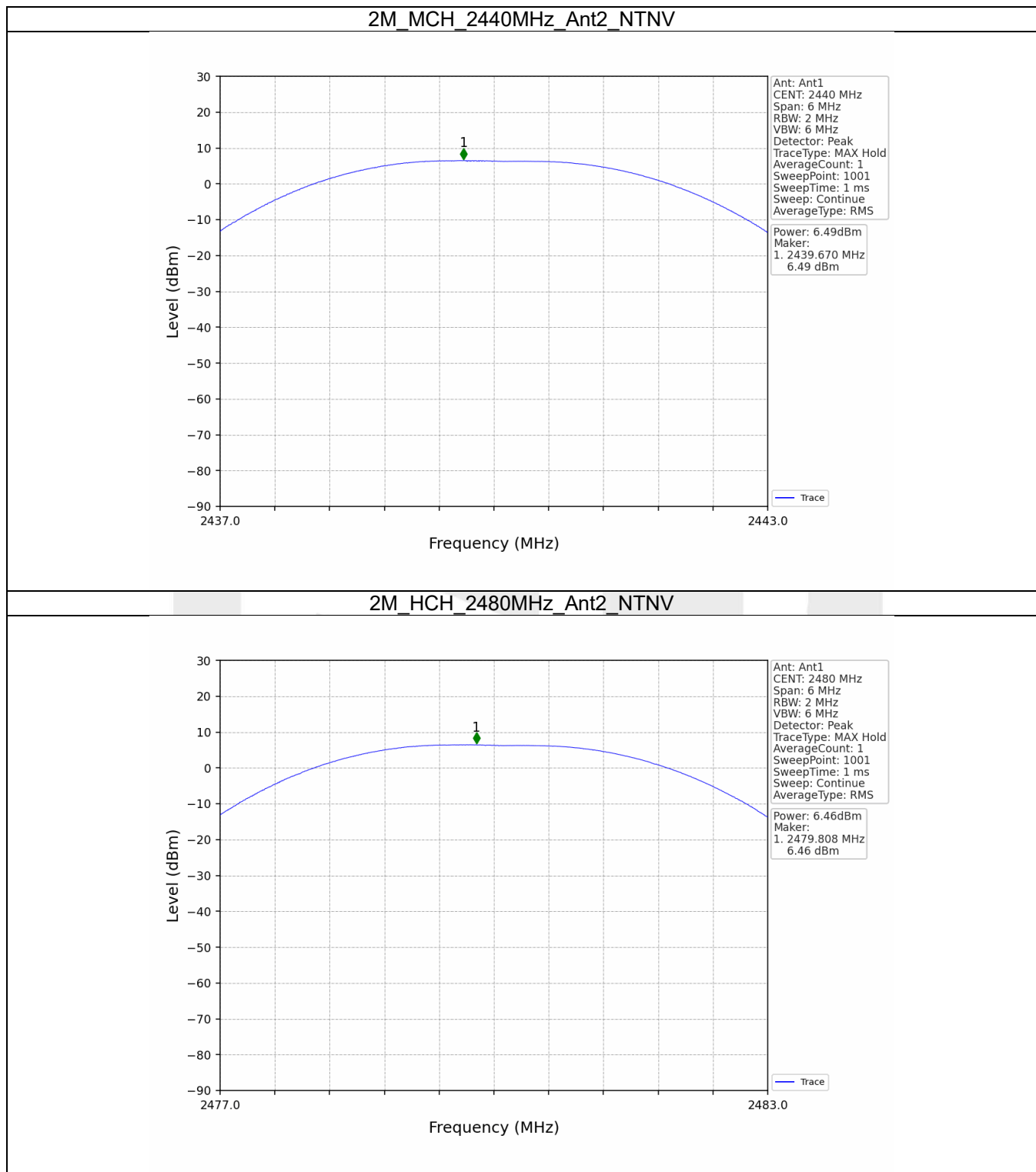
3.1.1 Test Result

Mode	TX Type	Frequency (MHz)	Maximum Peak Conducted Output Power (dBm)		Verdict
			ANT2	Limit	
1M	SISO	2402	4.62	≤ 30	Pass
		2440	6.50	≤ 30	Pass
		2480	8.54	≤ 30	Pass
2M	SISO	2402	7.07	≤ 30	Pass
		2440	6.49	≤ 30	Pass
		2480	6.46	≤ 30	Pass

3.1.2 Test Graph







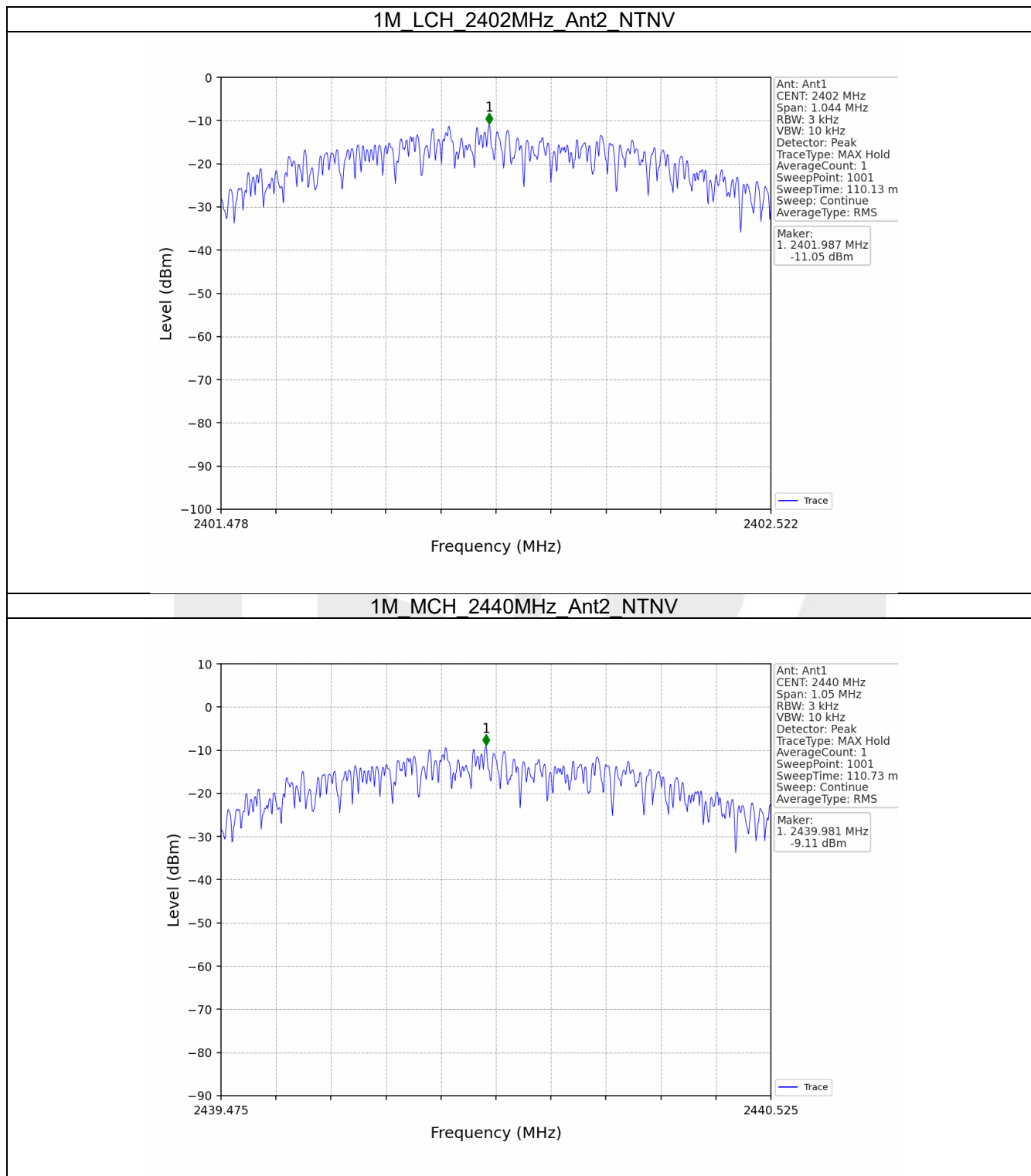
4. Maximum Power Spectral Density

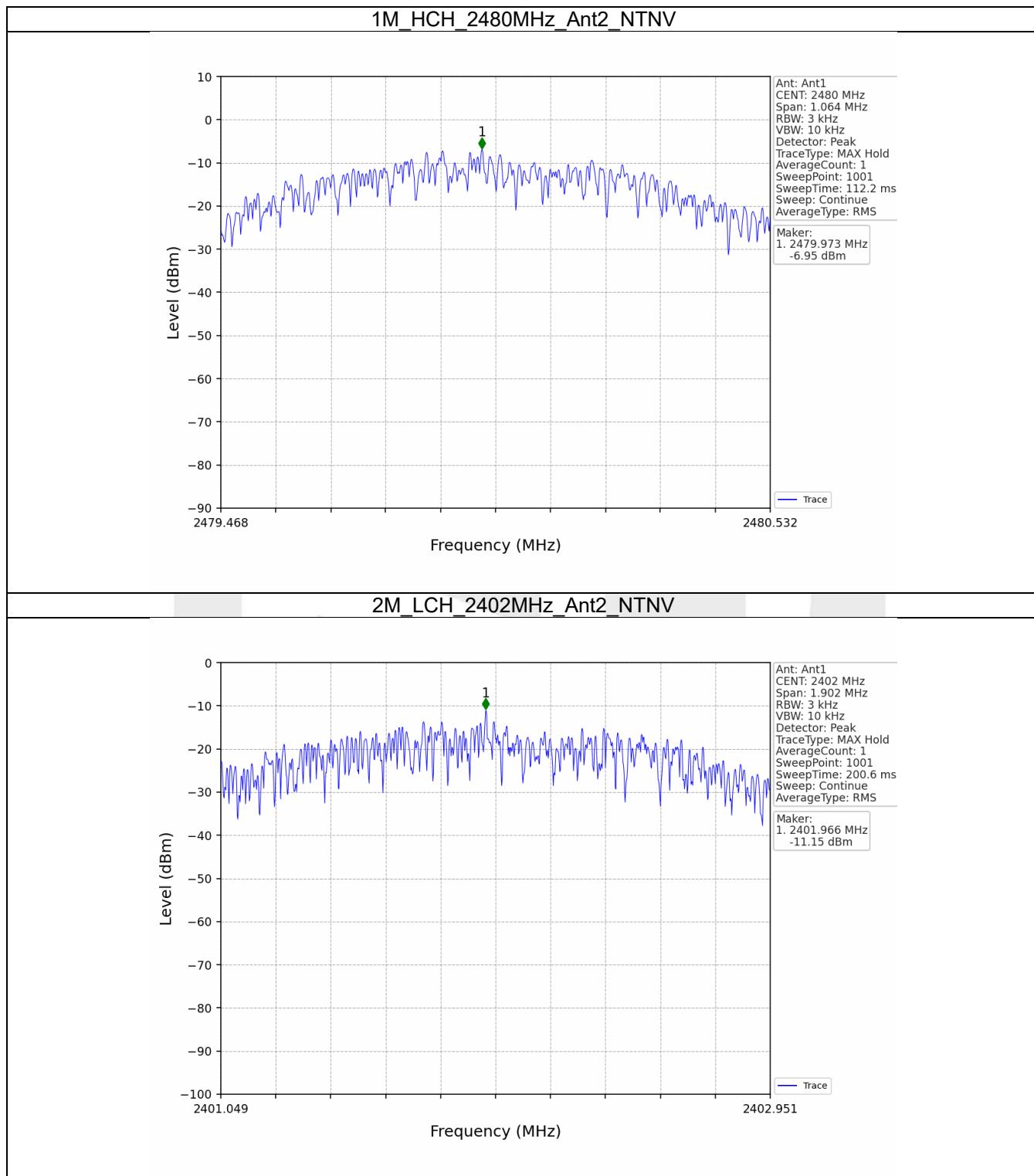
4.1 PSD

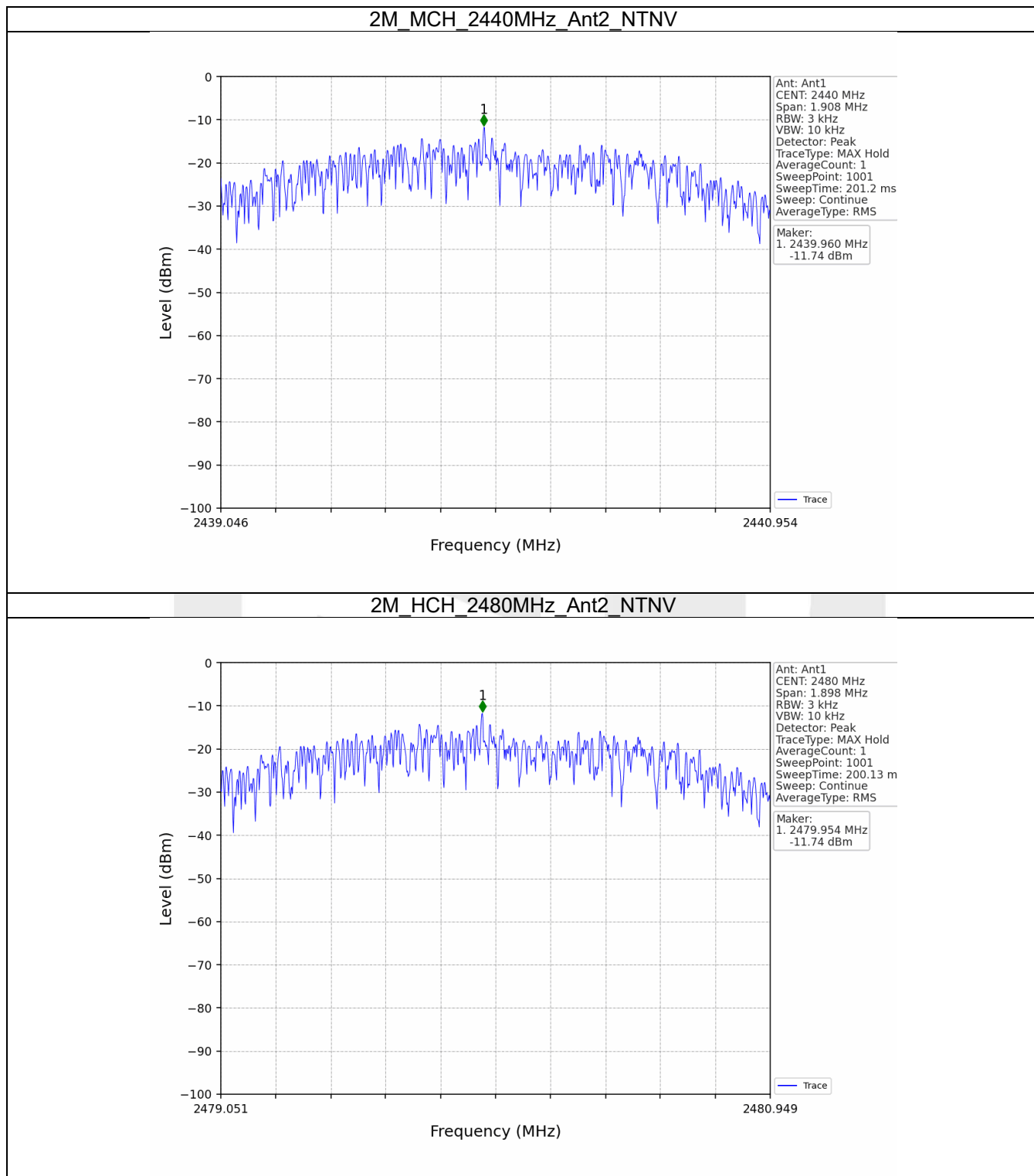
4.1.1 Test Result

Mode	TX Type	Frequency (MHz)	Maximum PSD (dBm/3kHz)		Verdict
			ANT2	Limit	
1M	SISO	2402	-11.05	≤ 8	Pass
		2440	-9.11	≤ 8	Pass
		2480	-6.95	≤ 8	Pass
2M	SISO	2402	-11.15	≤ 8	Pass
		2440	-11.74	≤ 8	Pass
		2480	-11.74	≤ 8	Pass

4.1.2 Test Graph







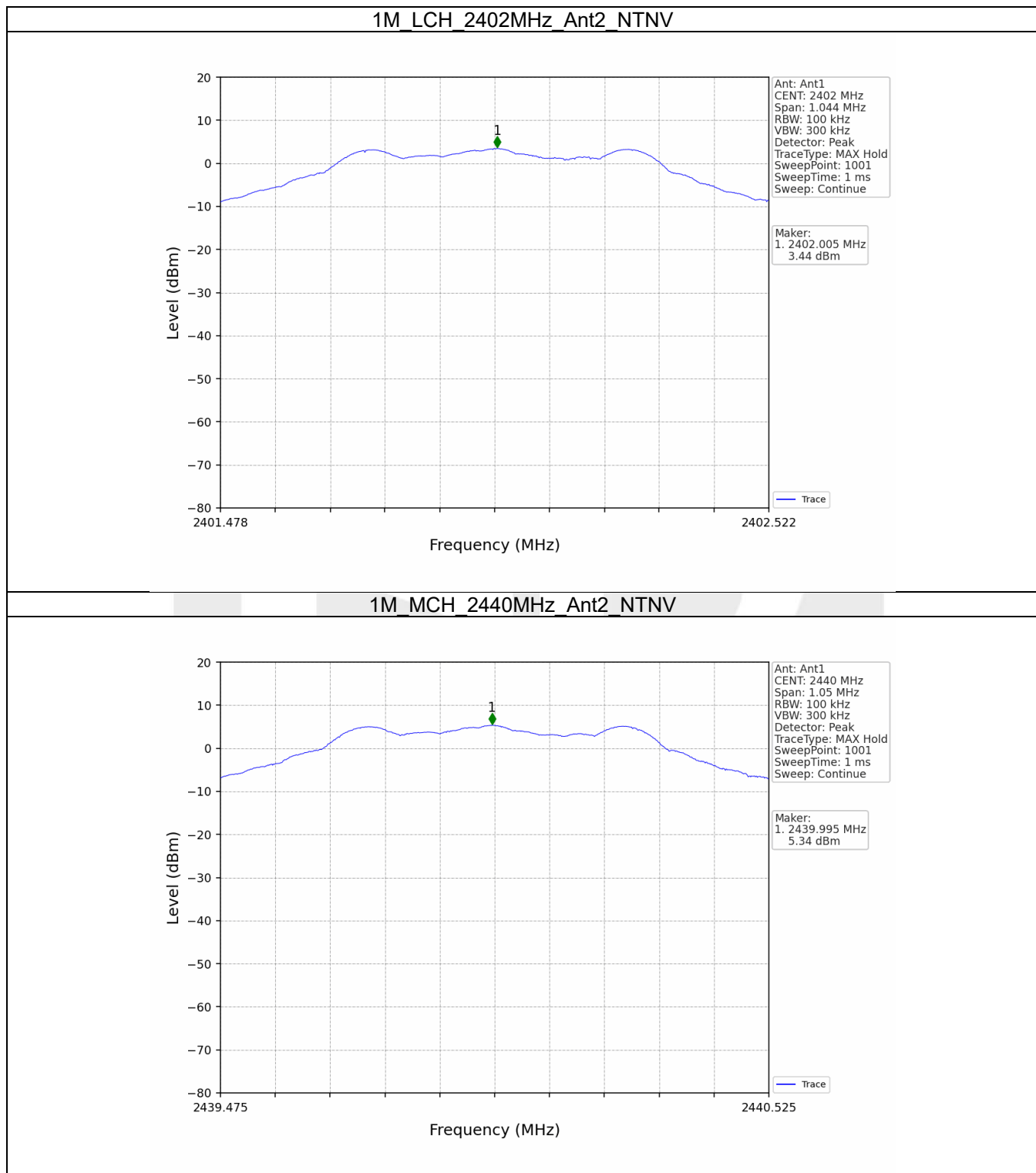
5. Unwanted Emissions In Non-restricted Frequency Bands

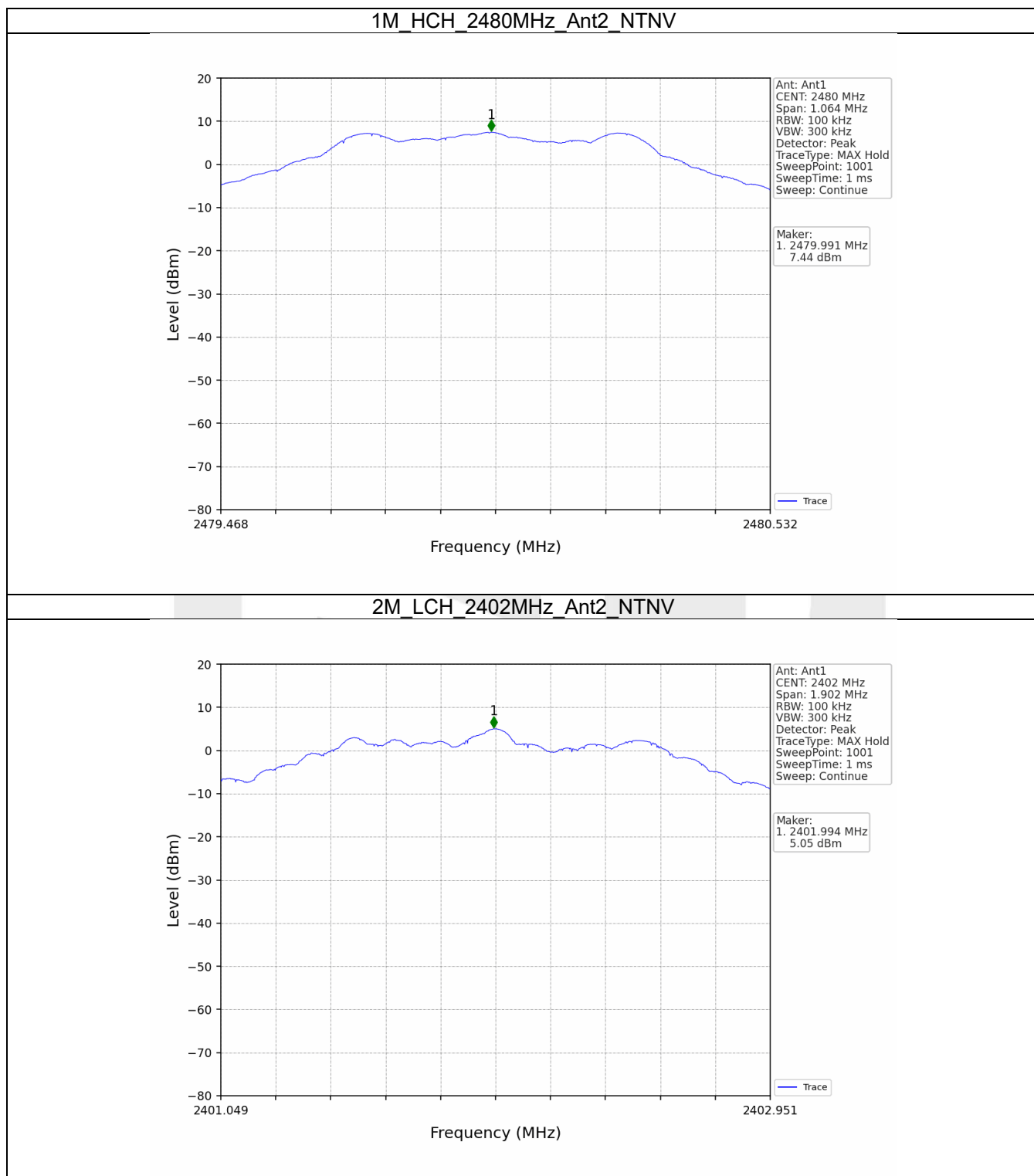
5.1 Ref

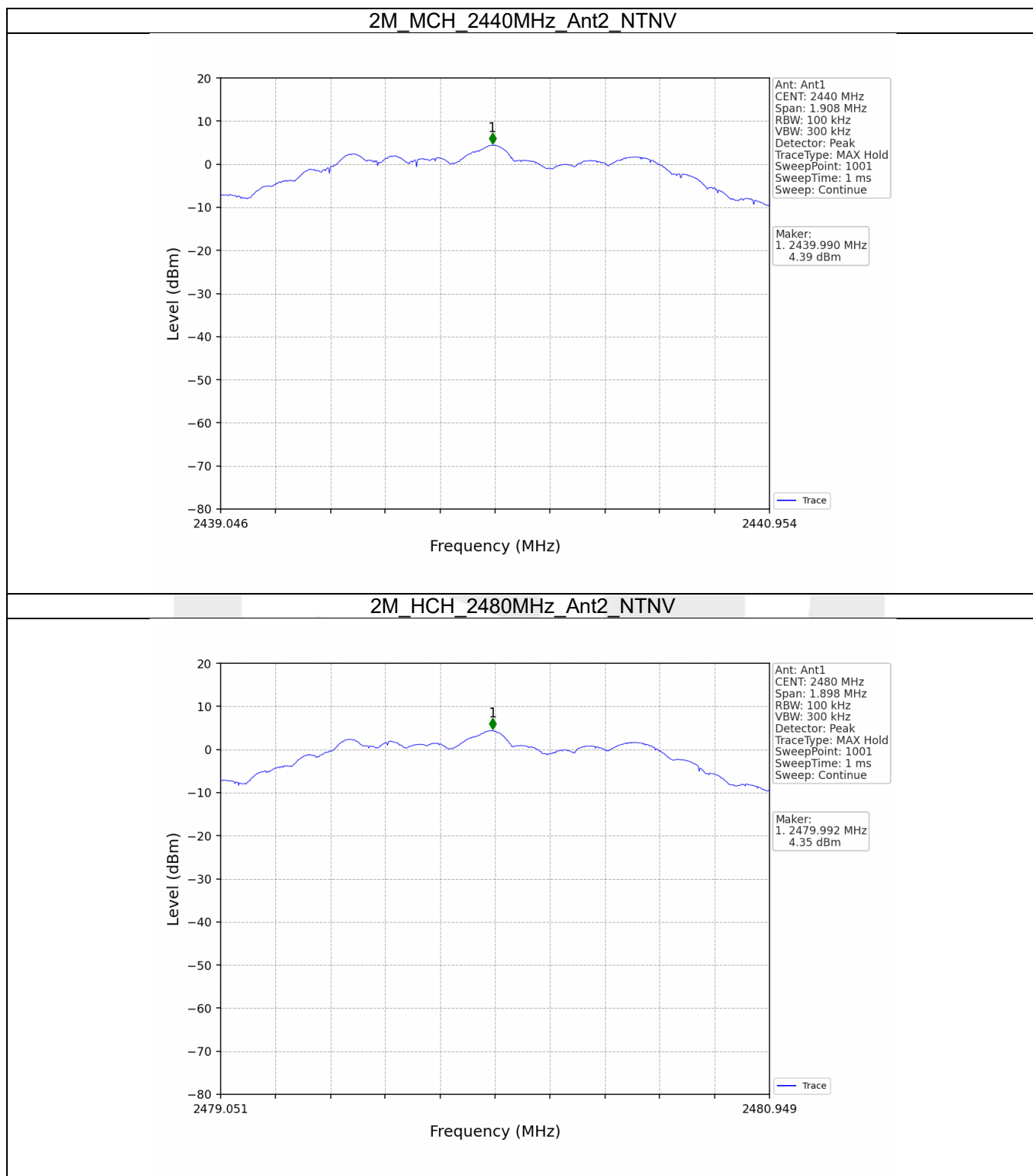
5.1.1 Test Result

Mode	TX Type	Frequency (MHz)	ANT	Level of Reference (dBm)
1M	SISO	2402	2	3.44
		2440	2	5.34
		2480	2	7.44
2M	SISO	2402	2	5.05
		2440	2	4.39
		2480	2	4.35
Note1: Refer to FCC Part 15.247 (d) and ANSI C63.10-2020, the channel contains the maximum PSD level was used to establish the reference level.				

5.1.2 Test Graph





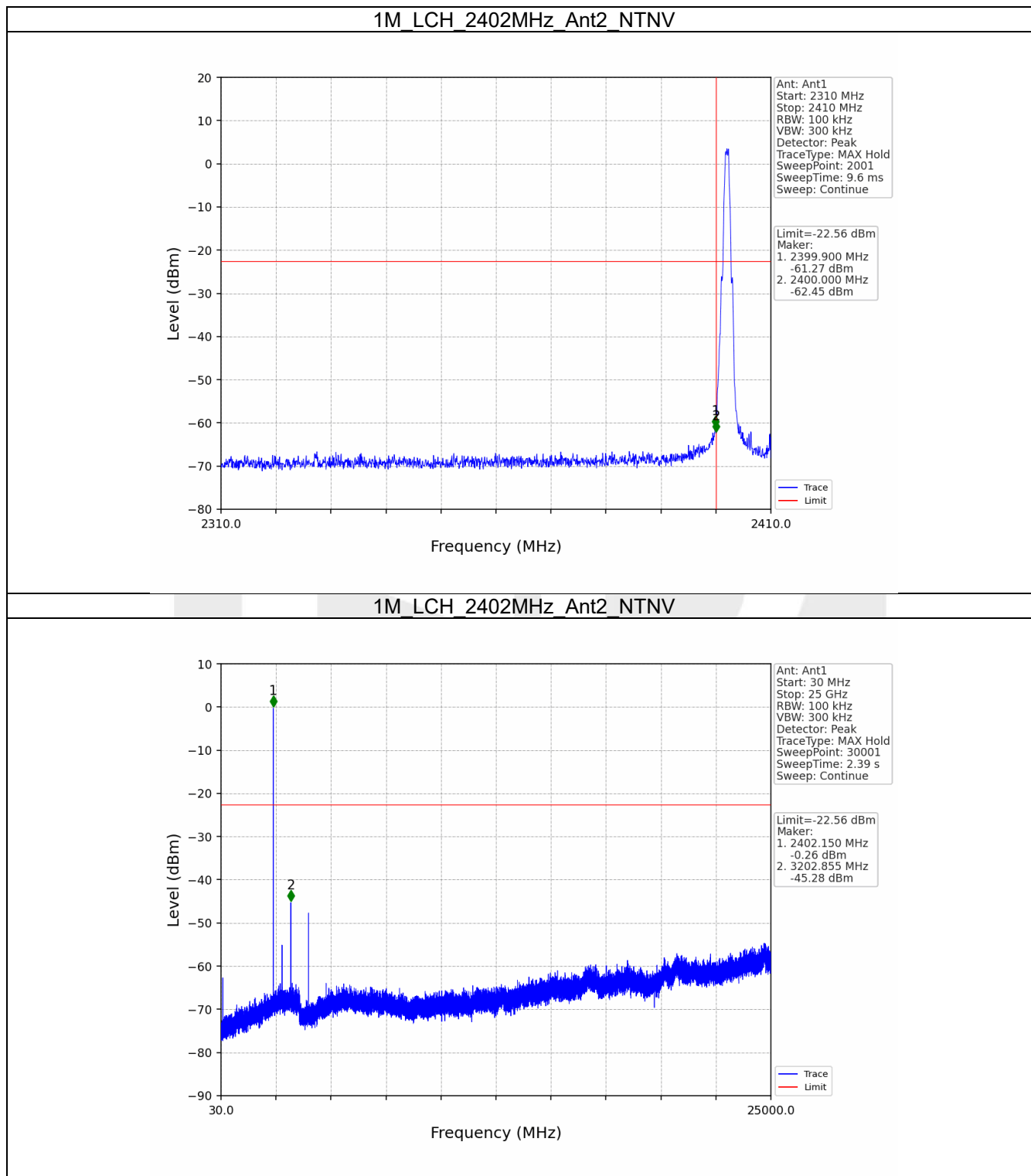


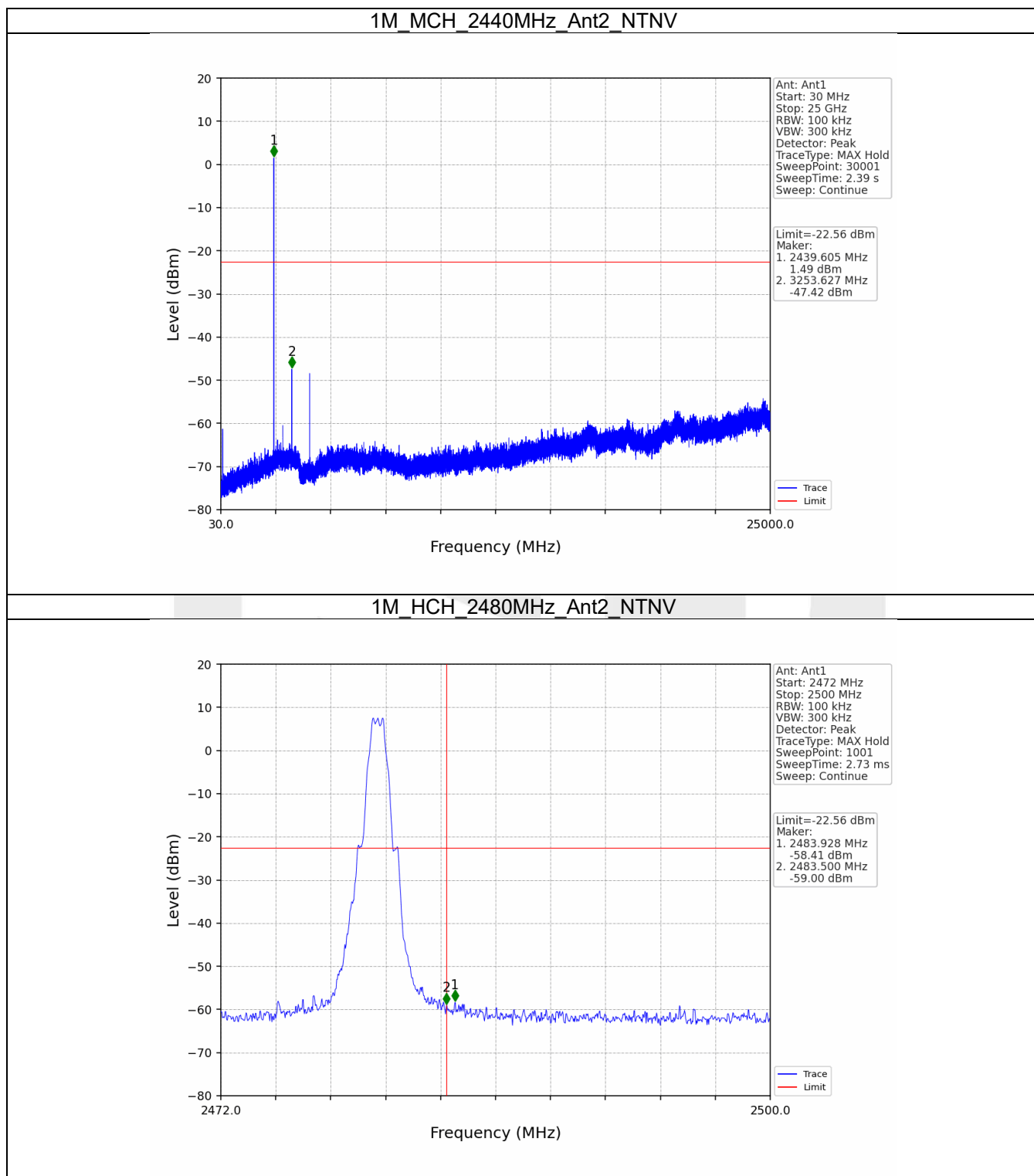
5.2 CSE

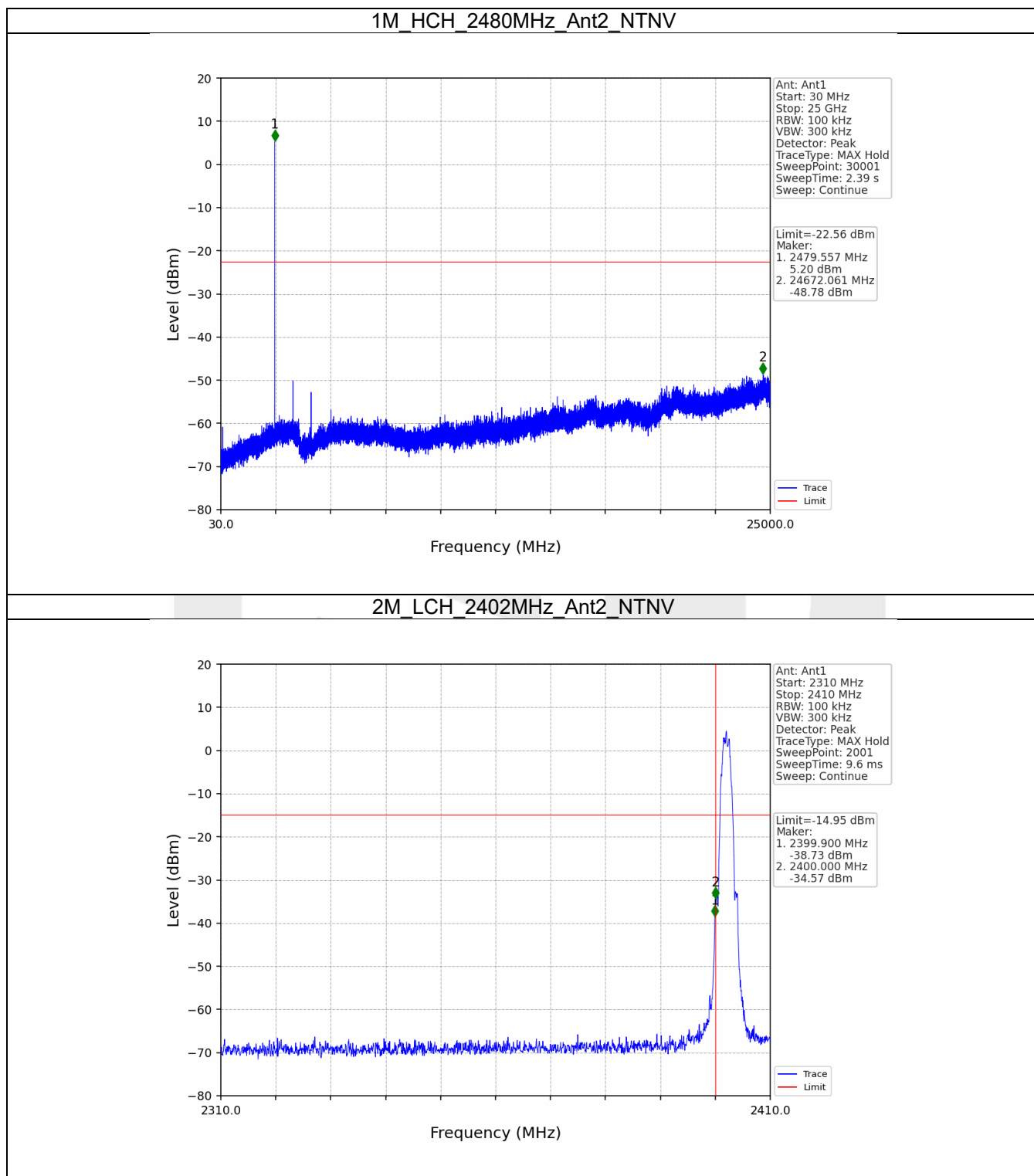
5.2.1 Test Result

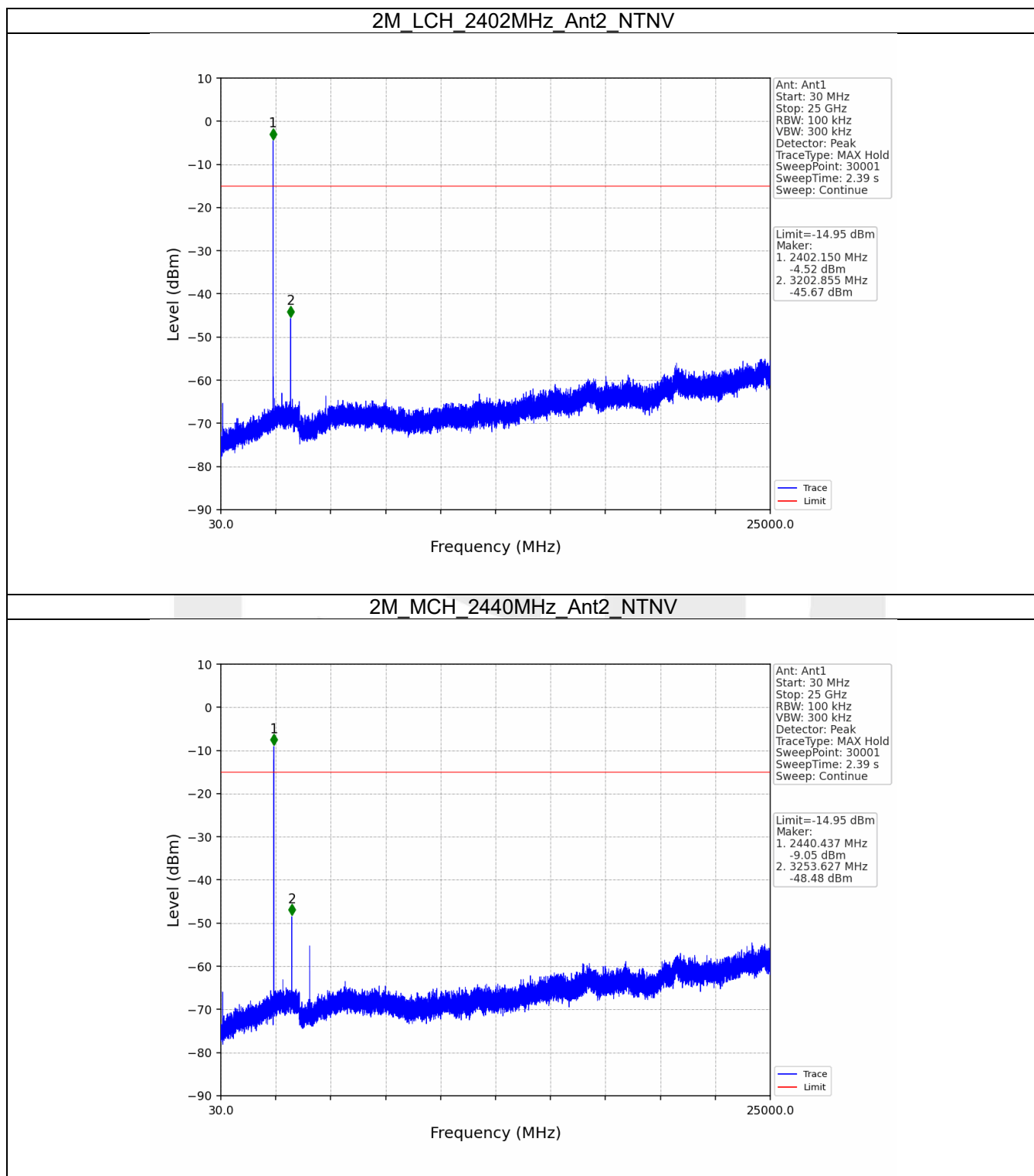
Mode	TX Type	Frequency (MHz)	ANT	Level of Reference (dBm)	Limit (dBm)	Verdict
1M	SISO	2402	2	7.44	-22.56	Pass
		2440	2	7.44	-22.56	Pass
		2480	2	7.44	-22.56	Pass
2M	SISO	2402	2	5.05	-14.95	Pass
		2440	2	5.05	-14.95	Pass
		2480	2	5.05	-14.95	Pass
Note1: Refer to FCC Part 15.247 (d) and ANSI C63.10-2020, the channel contains the maximum PSD level was used to establish the reference level.						

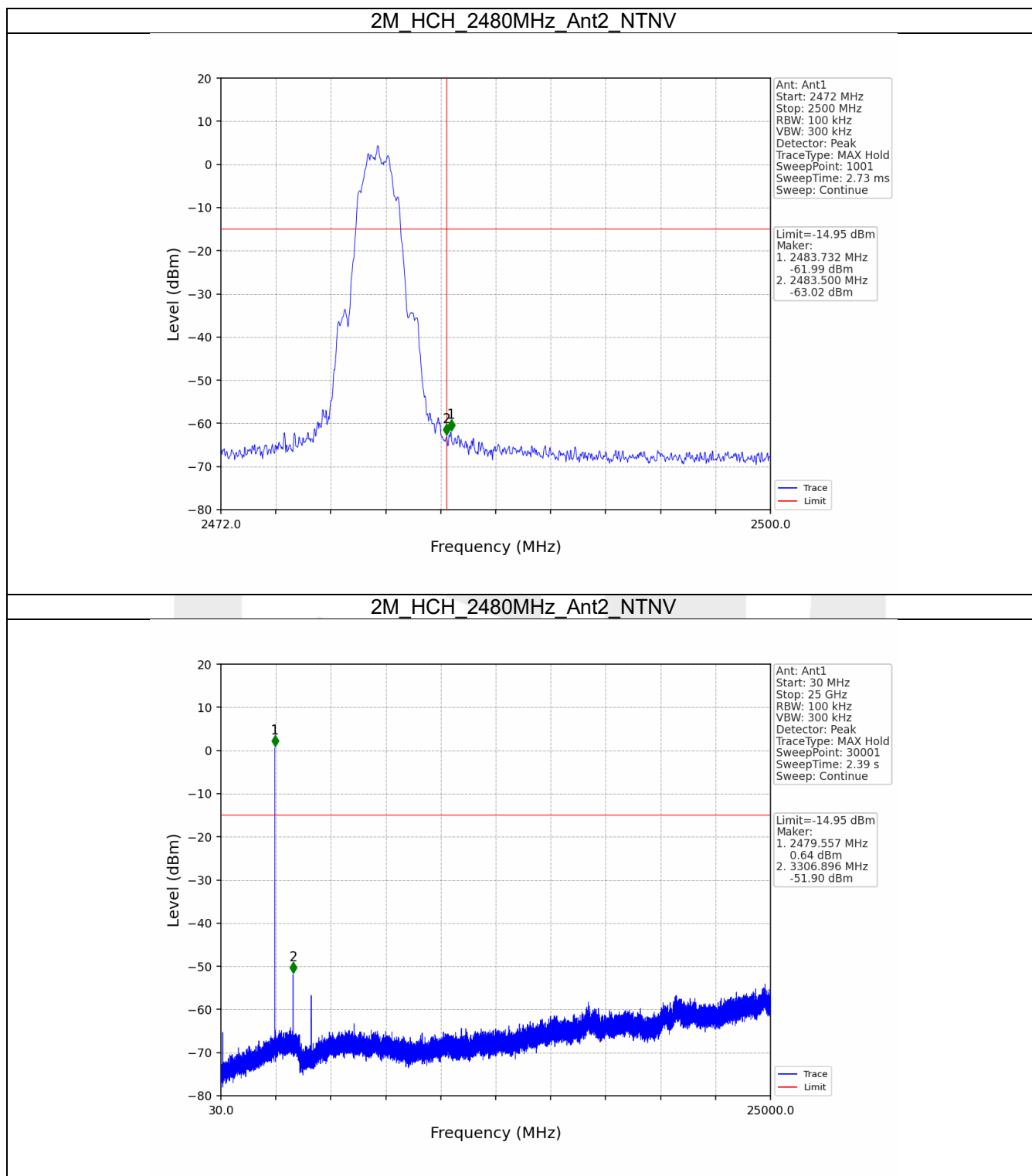
5.2.2 Test Graph











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