

1. Duty Cycle

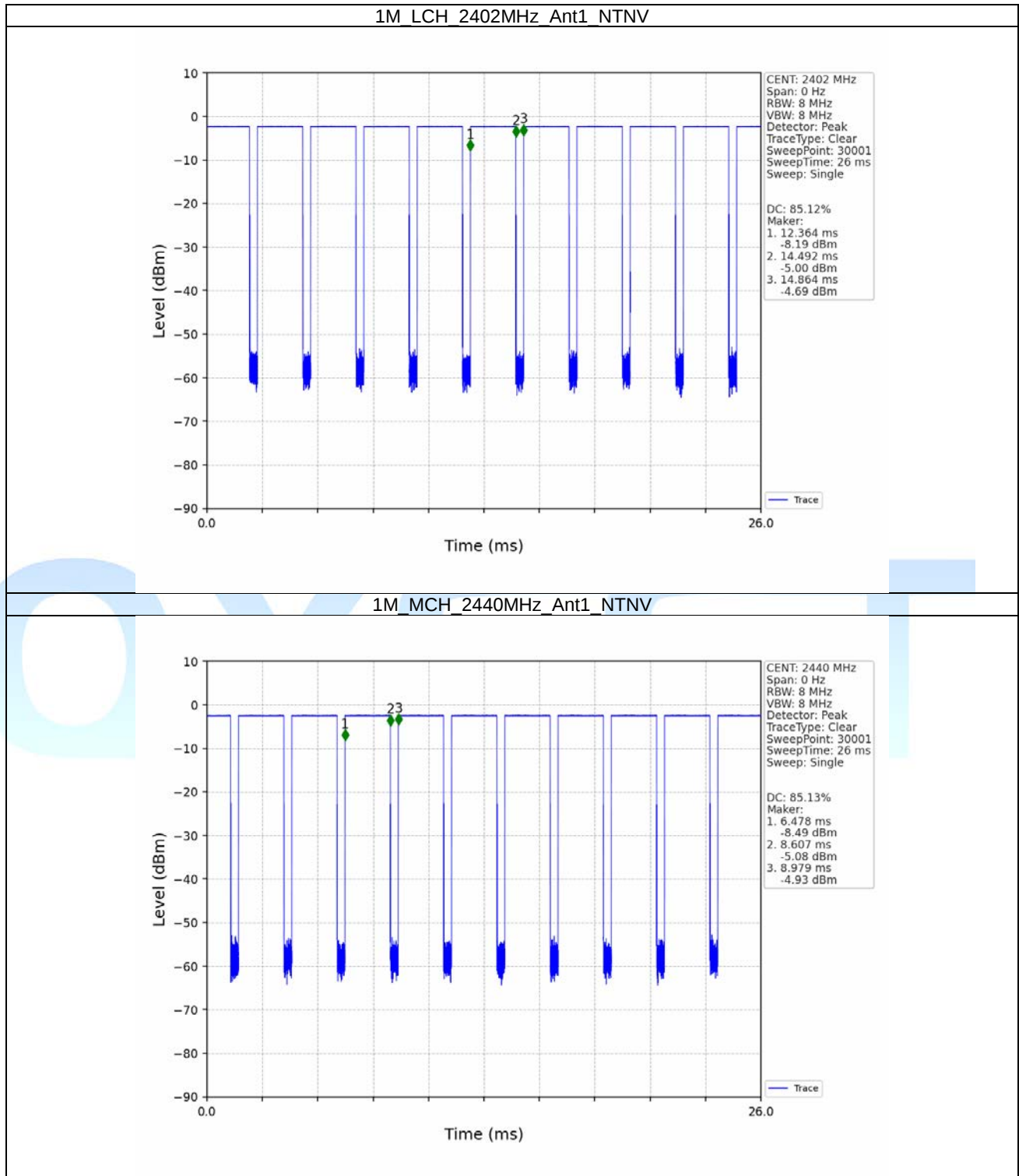
1.1 Test Result

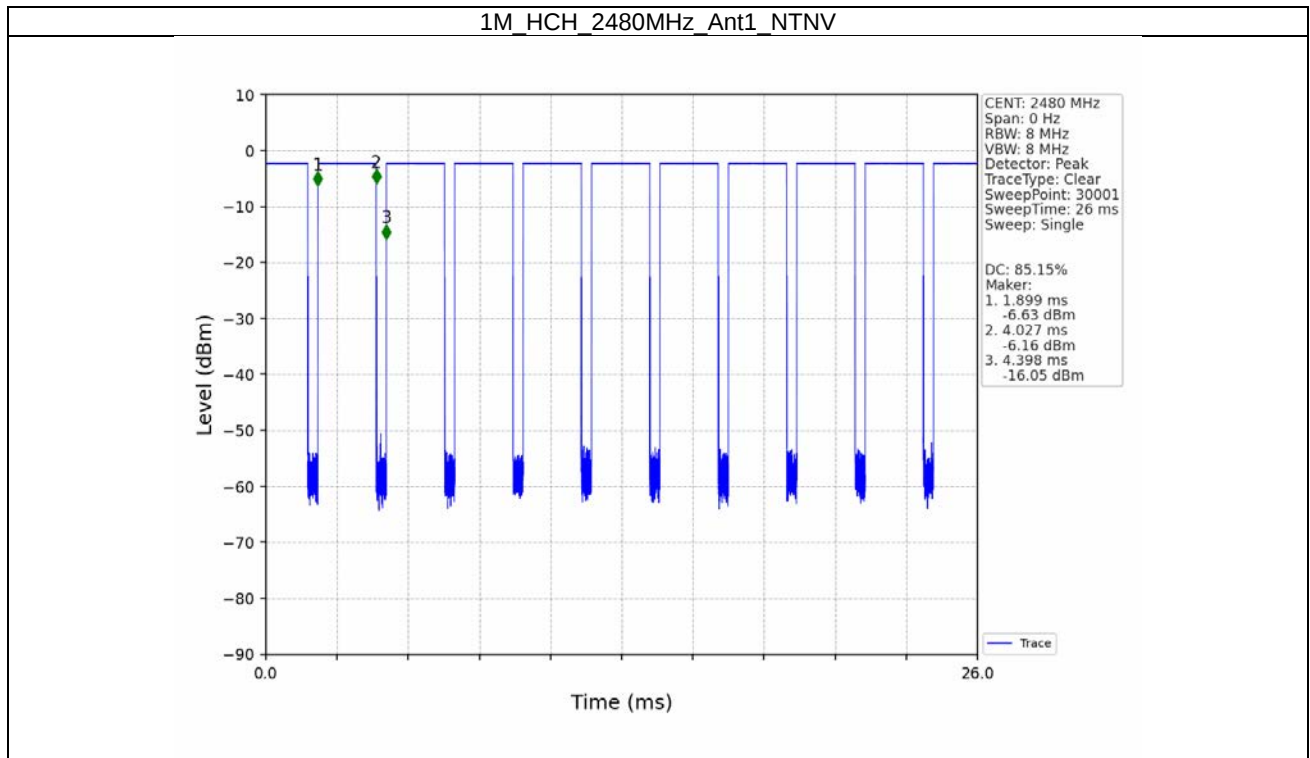
1.1.1 Ant1

Ant1							
Mode	TX Type	Frequency (MHz)	T_on (ms)	Period (ms)	Duty Cycle (%)	Duty Cycle Correction Factor (dB)	Max. DC Variation (%)
1M	SISO	2402	2.128	2.500	85.12	0.70	0.03
		2440	2.129	2.501	85.13	0.70	0.03
		2480	2.128	2.499	85.15	0.70	0.01

1.2 Test Graph

1.2.1 Ant1





2. Bandwidth

2.1 Test Result

2.1.1 OBW

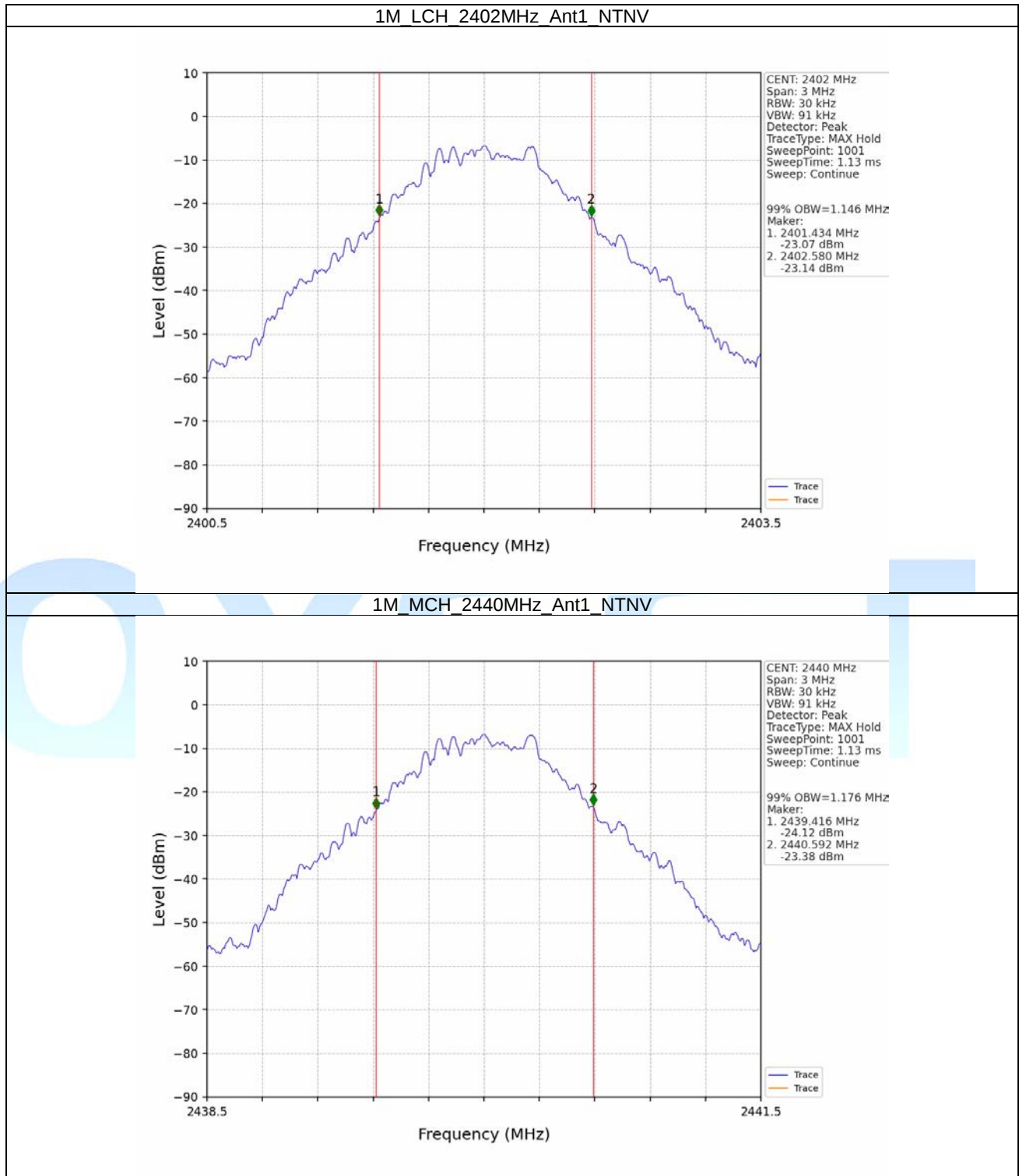
Mode	TX Type	Frequency (MHz)	ANT	99% Occupied Bandwidth (MHz)		Verdict
				Result	Limit	
1M	SISO	2402	1	1.146	/	Pass
		2440	1	1.176	/	Pass
		2480	1	1.156	/	Pass

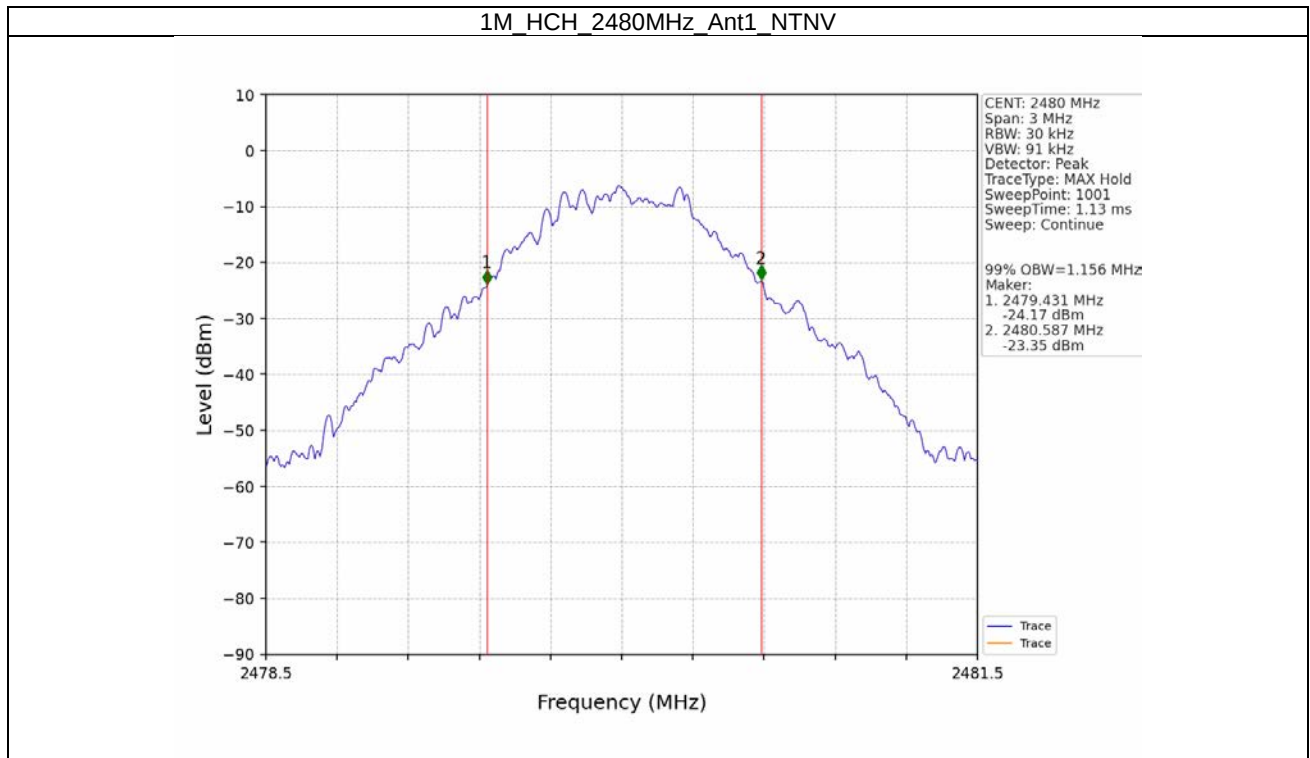
2.1.2 6dB BW

Mode	TX Type	Frequency (MHz)	ANT	6dB Bandwidth (MHz)		Verdict
				Result	Limit	
1M	SISO	2402	1	0.728	≥ 0.5	Pass
		2440	1	0.730	≥ 0.5	Pass
		2480	1	0.739	≥ 0.5	Pass

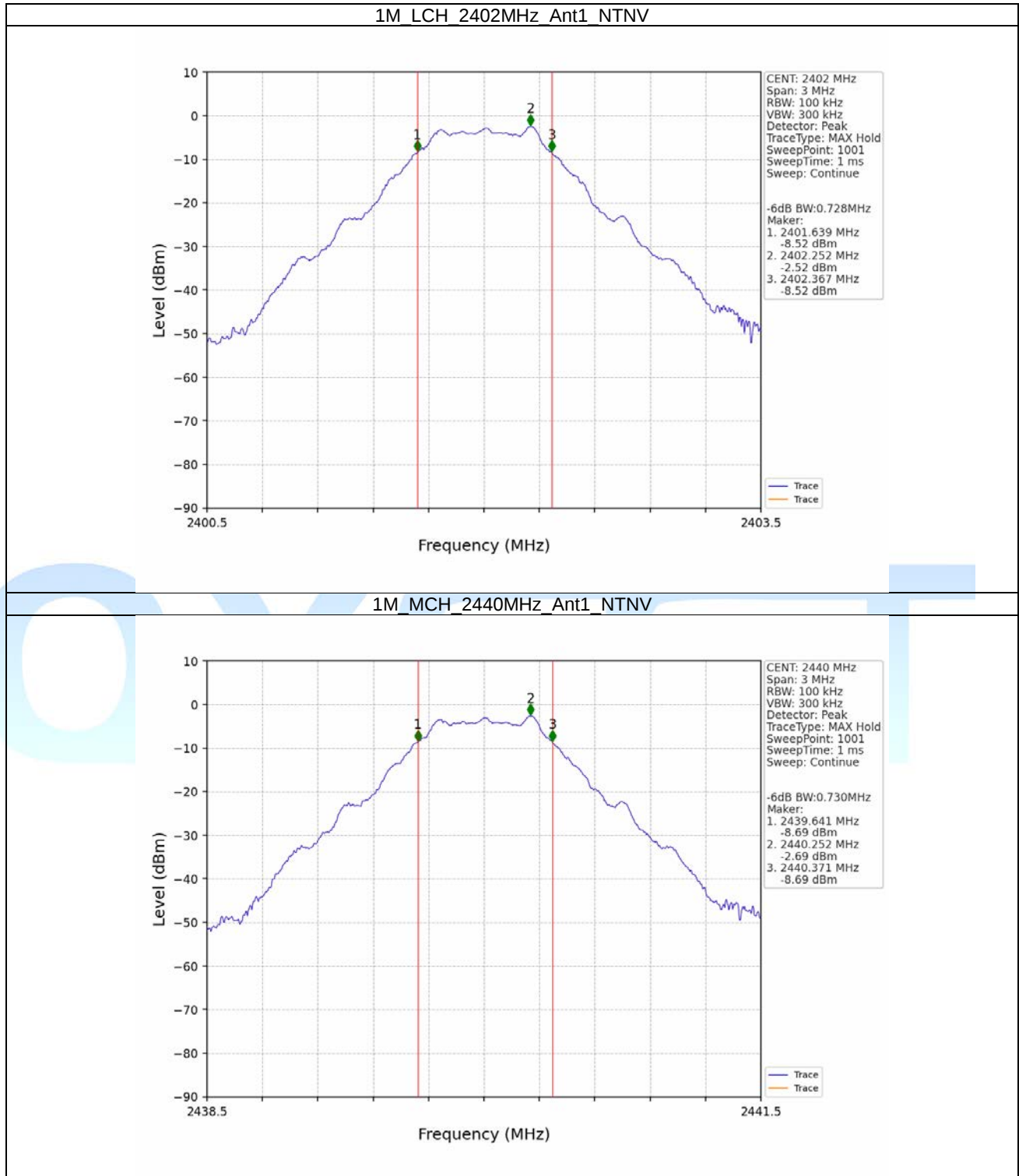
2.2 Test Graph

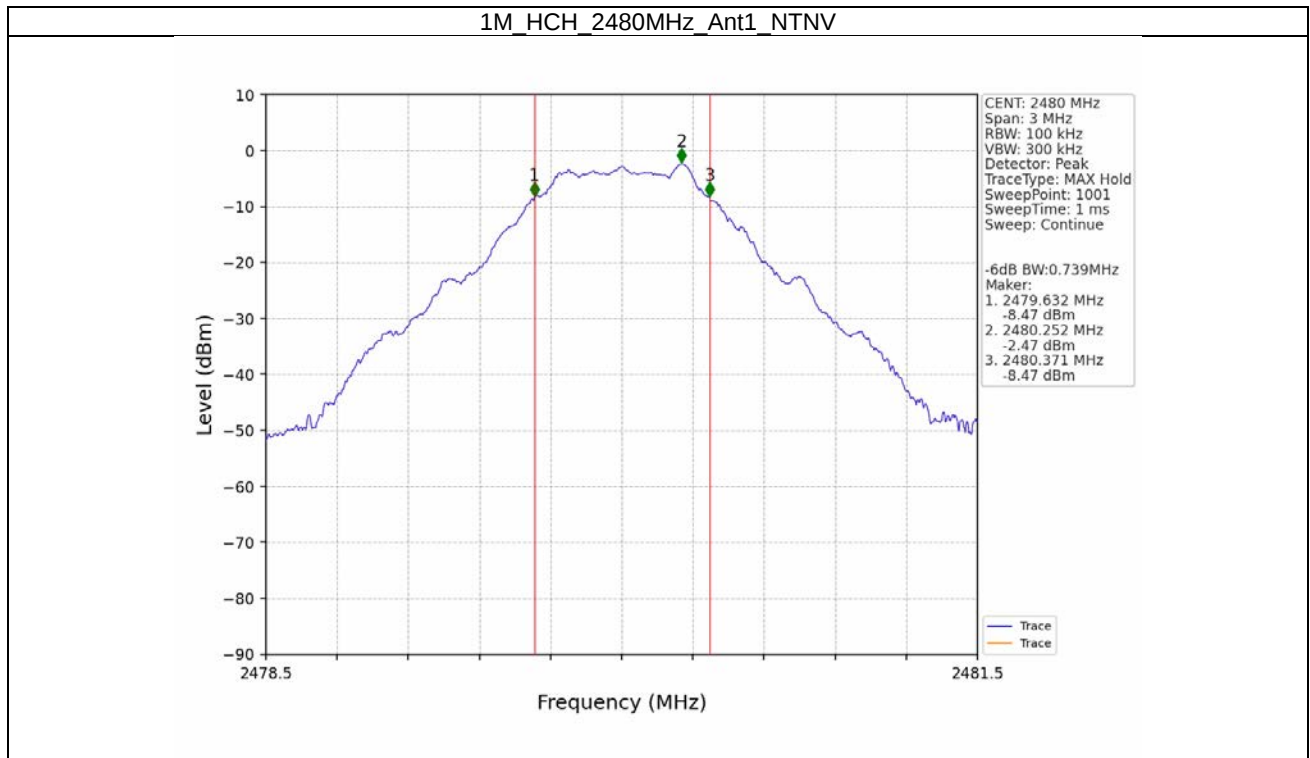
2.2.1 OBW





2.2.2 6dB BW





3. Maximum Conducted Output Power

3.1 Test Result

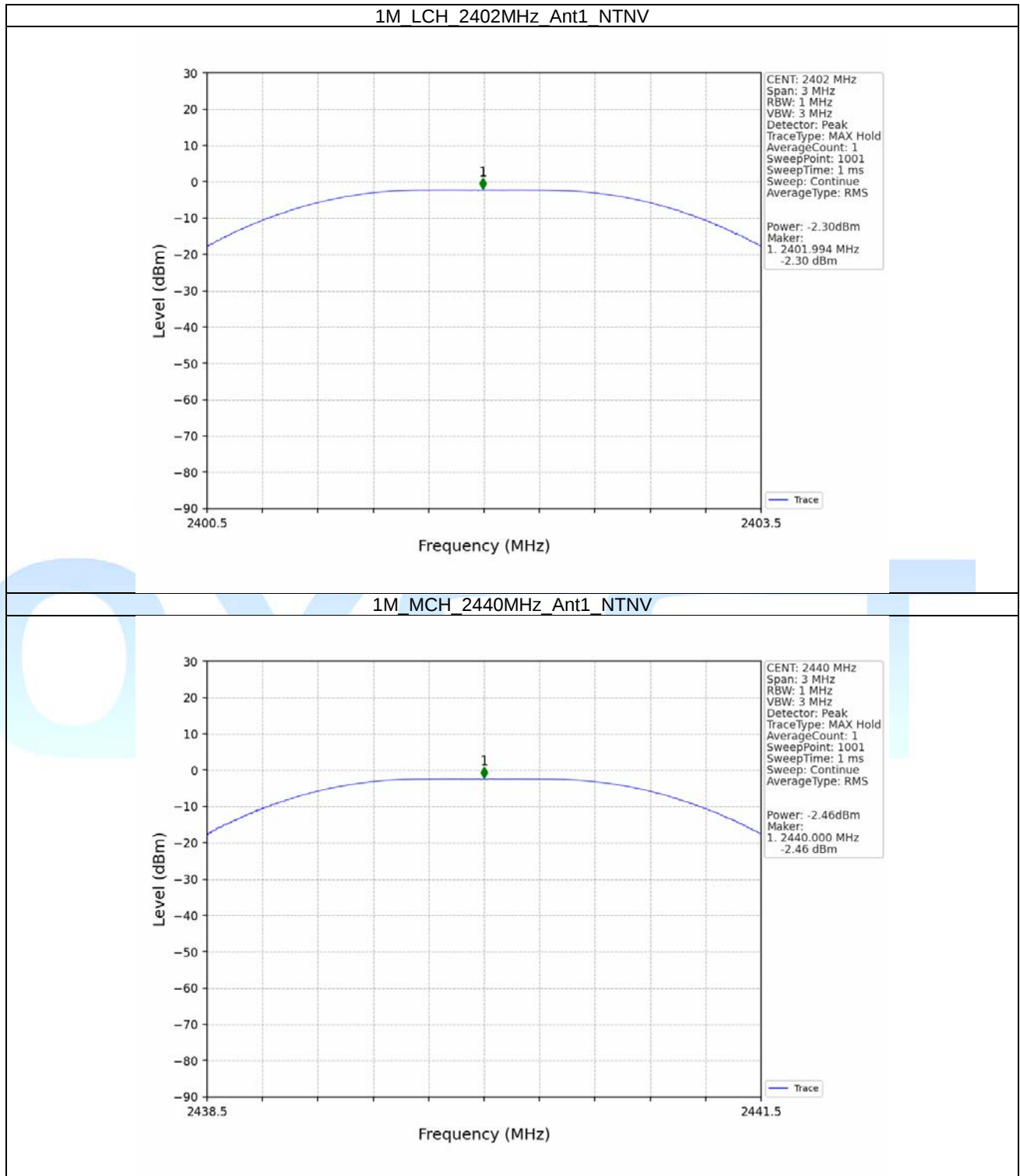
3.1.1 Power

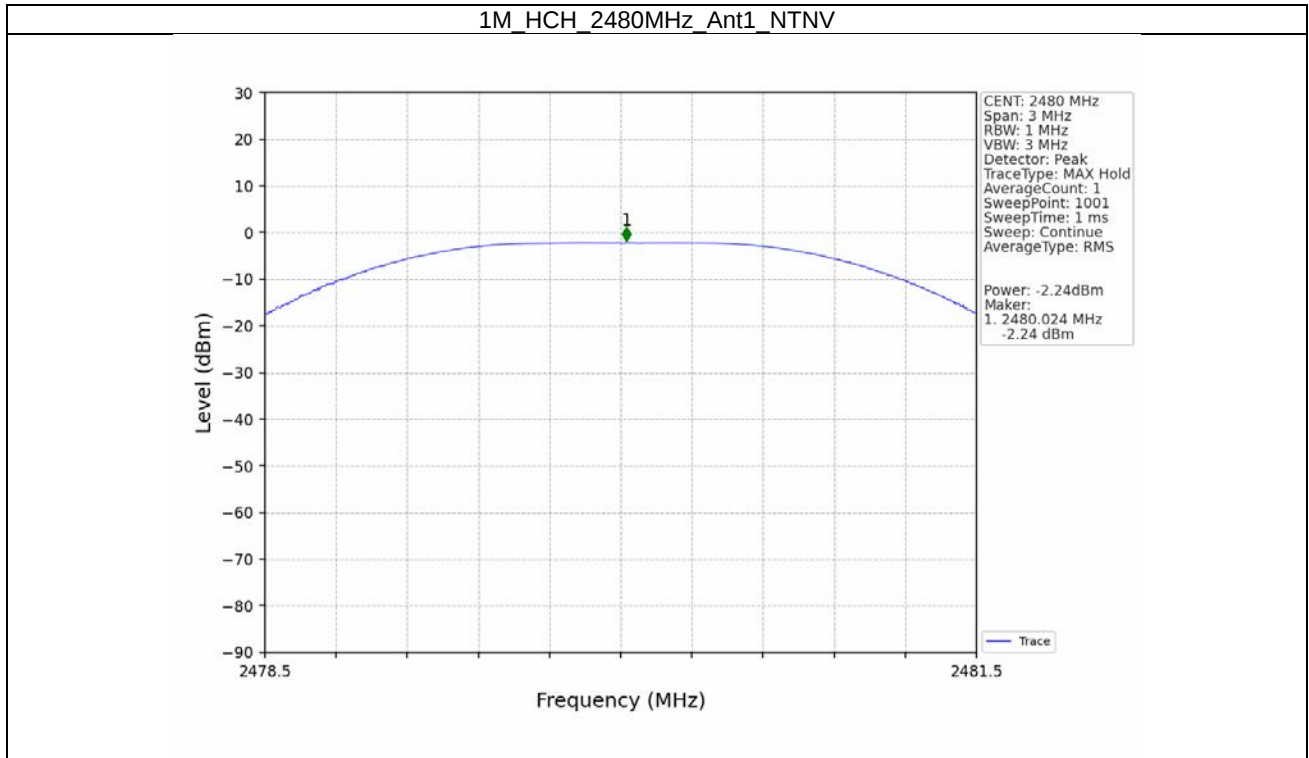
Mode	TX Type	Frequency (MHz)	Maximum Peak Conducted Output Power (dBm)		Verdict
			ANT1	Limit	
1M	SISO	2402	-2.30	≤ 30	Pass
		2440	-2.46	≤ 30	Pass
		2480	-2.24	≤ 30	Pass

Note1: Antenna Gain: Ant1: -0.68dBi;

3.2 Test Graph

3.2.1 Power





4. Maximum Power Spectral Density

4.1 Test Result

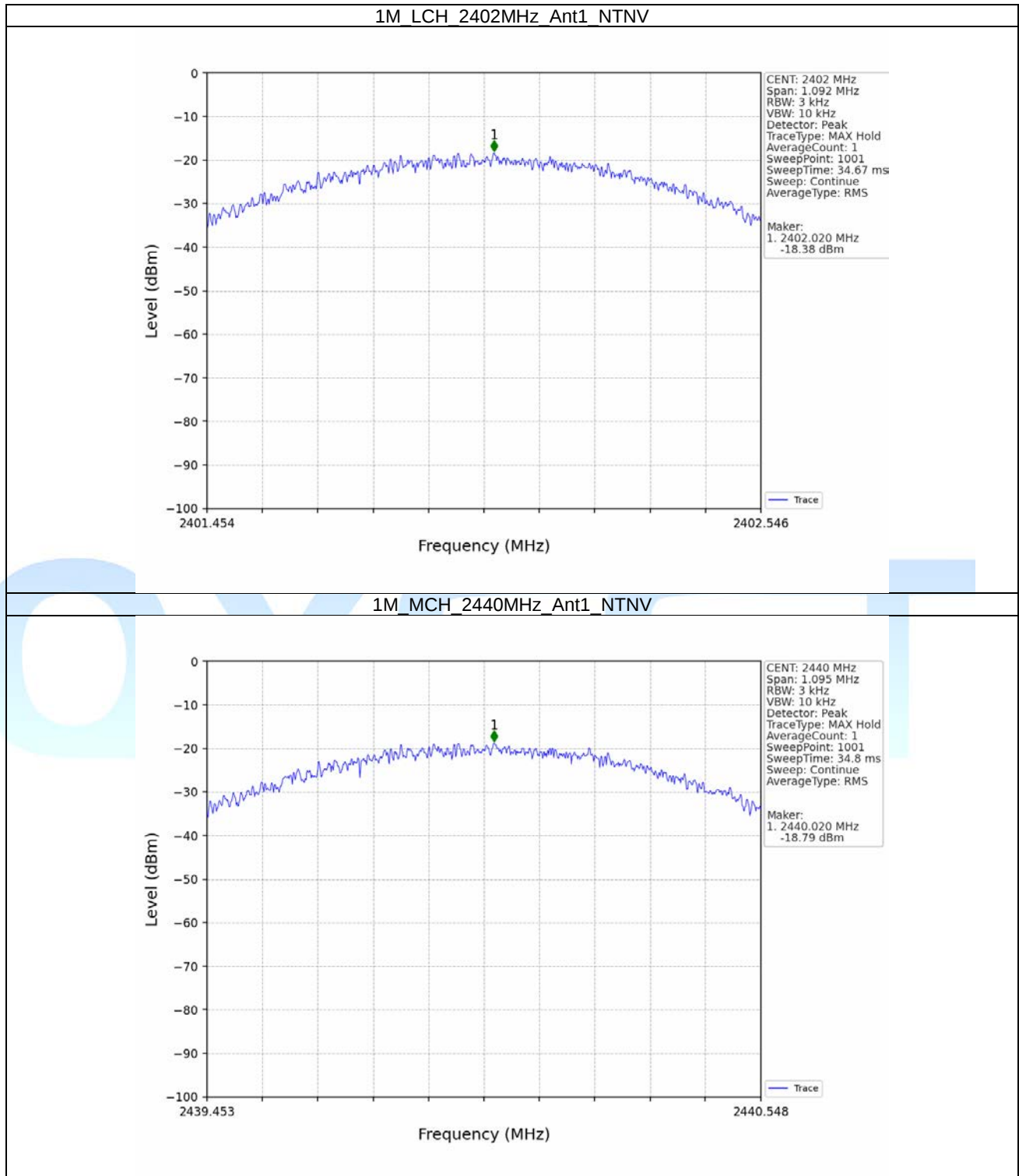
4.1.1 PSD

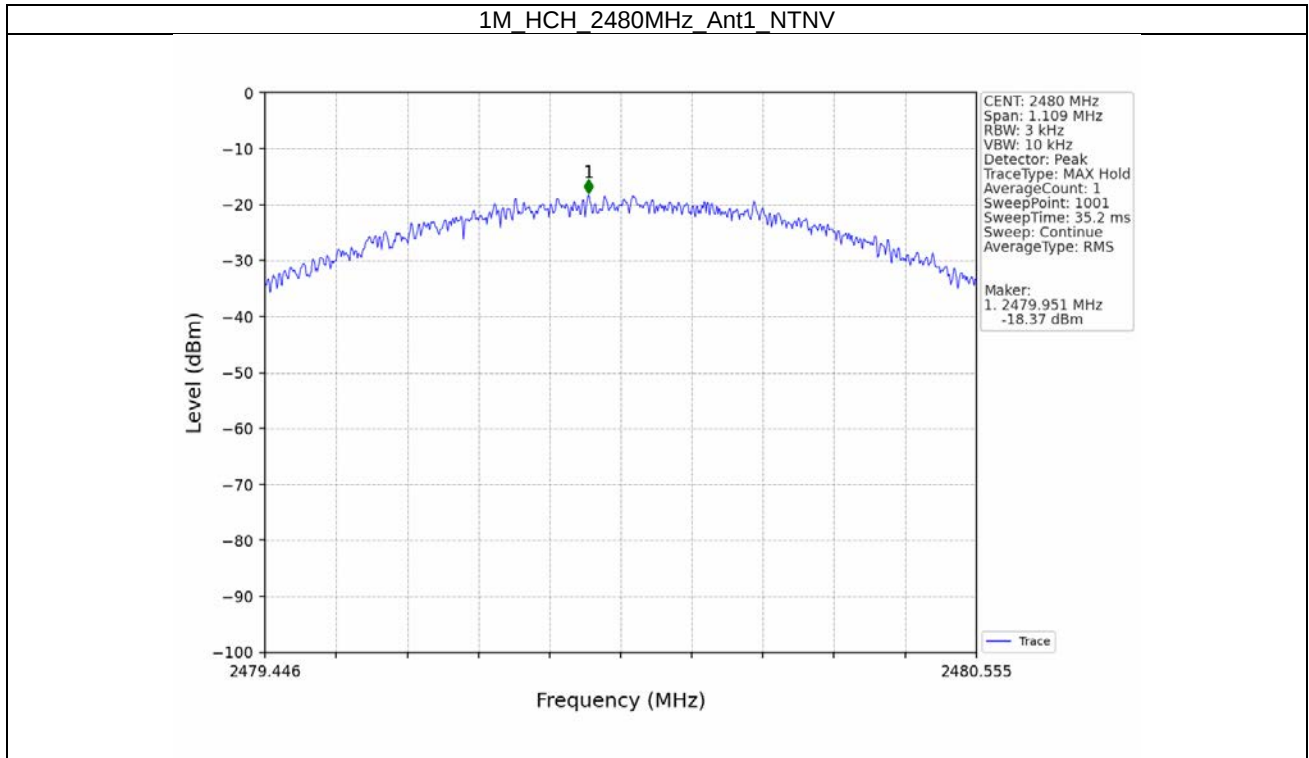
Mode	TX Type	Frequency (MHz)	Maximum PSD (dBm/3kHz)		Verdict
			ANT1	Limit	
1M	SISO	2402	-18.38	<=8	Pass
		2440	-18.79	<=8	Pass
		2480	-18.37	<=8	Pass

Note1: Antenna Gain: Ant1: -0.68dBi;

4.2 Test Graph

4.2.1 PSD





5. Unwanted Emissions In Non-restricted Frequency Bands

5.1 Test Result

5.1.1 Ref

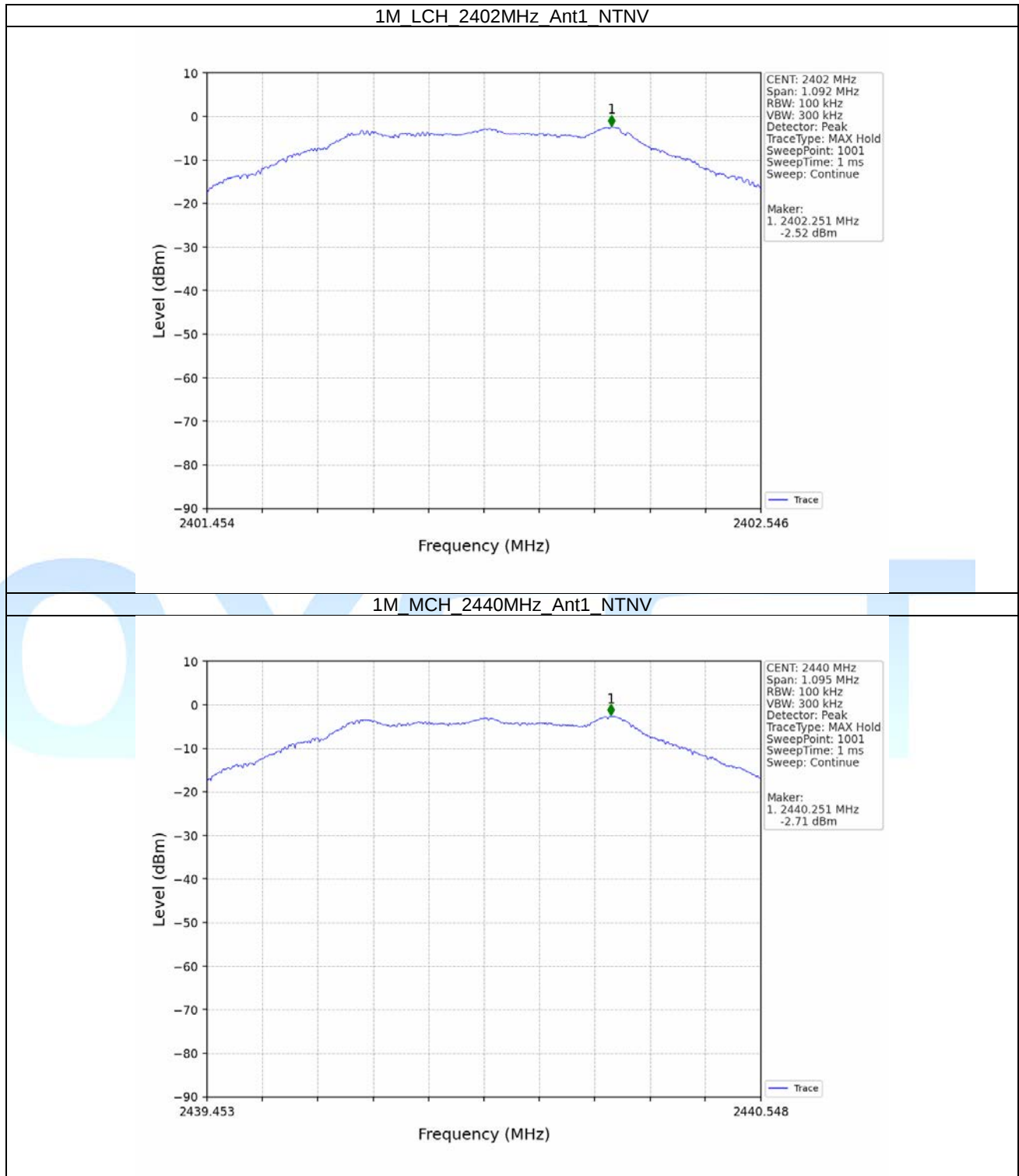
Mode	TX Type	Frequency (MHz)	ANT	Level of Reference (dBm)
1M	SISO	2402	1	-2.52
		2440	1	-2.71
		2480	1	-2.47
Note1: Refer to FCC Part 15.247 (d) and ANSI C63.10-2013, the channel contains the maximum PSD level was used to establish the reference level.				

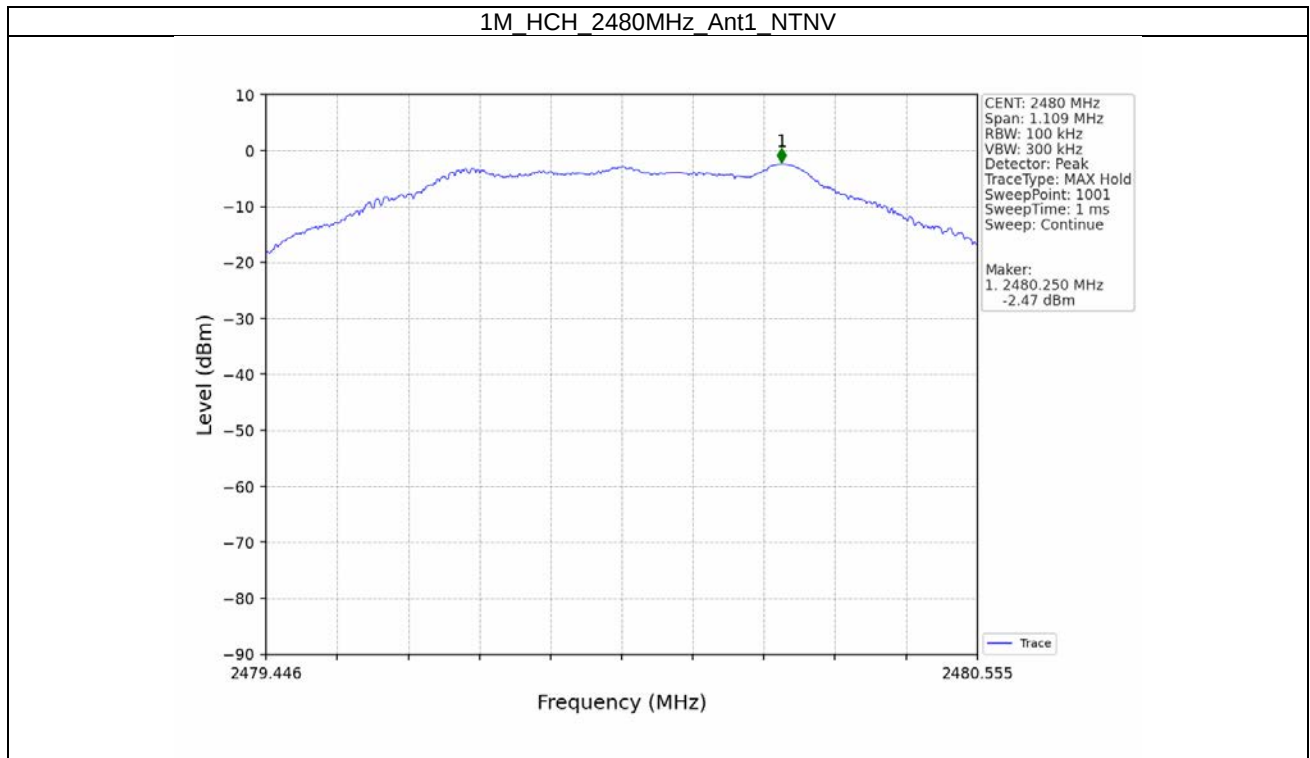
5.1.2 CSE

Mode	TX Type	Frequency (MHz)	ANT	Level of Reference (dBm)	Limit (dBm)	Verdict
1M	SISO	2402	1	-2.47	-22.47	Pass
		2440	1	-2.47	-22.47	Pass
		2480	1	-2.47	-22.47	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.						

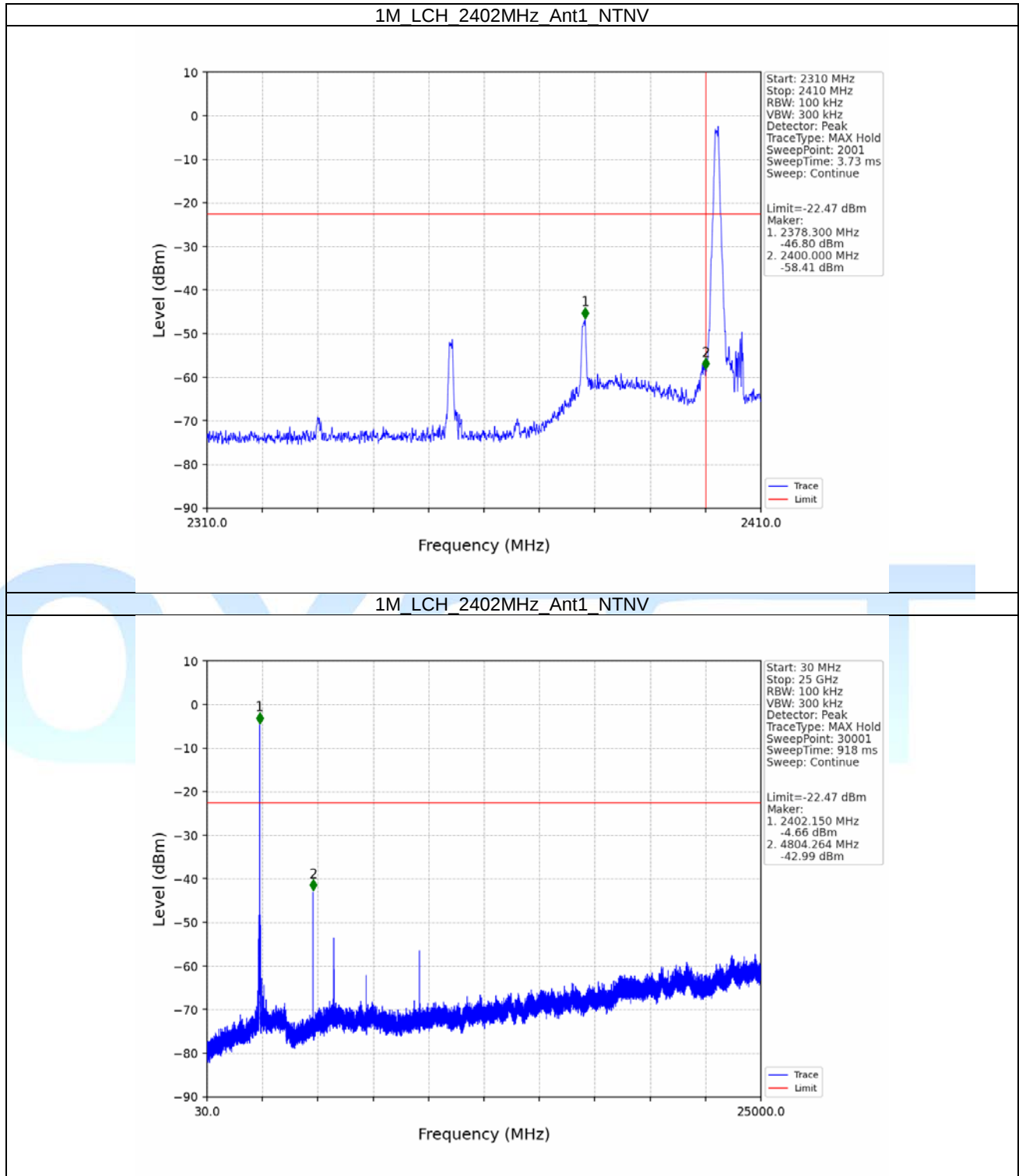
5.2 Test Graph

5.2.1 Ref

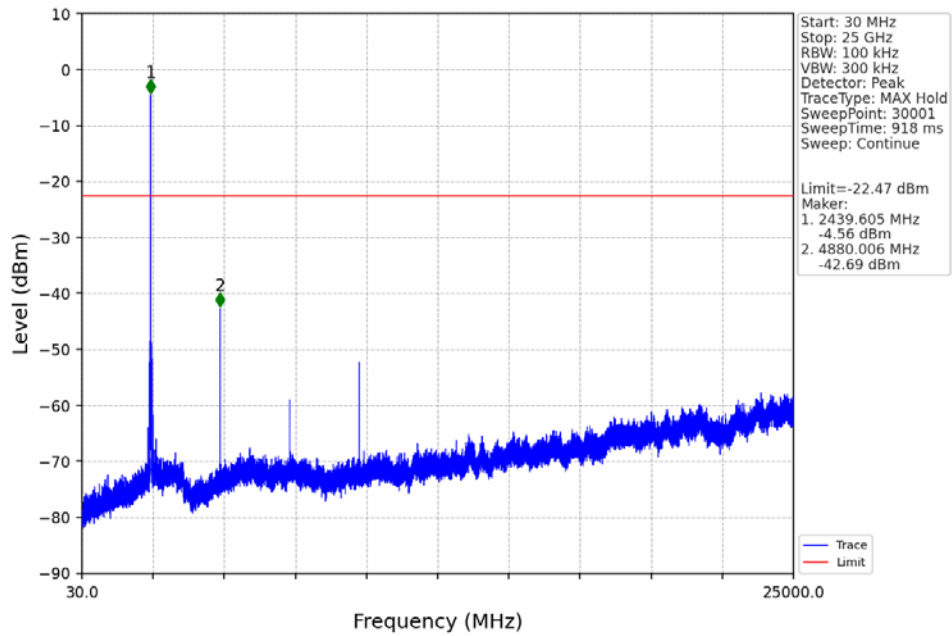




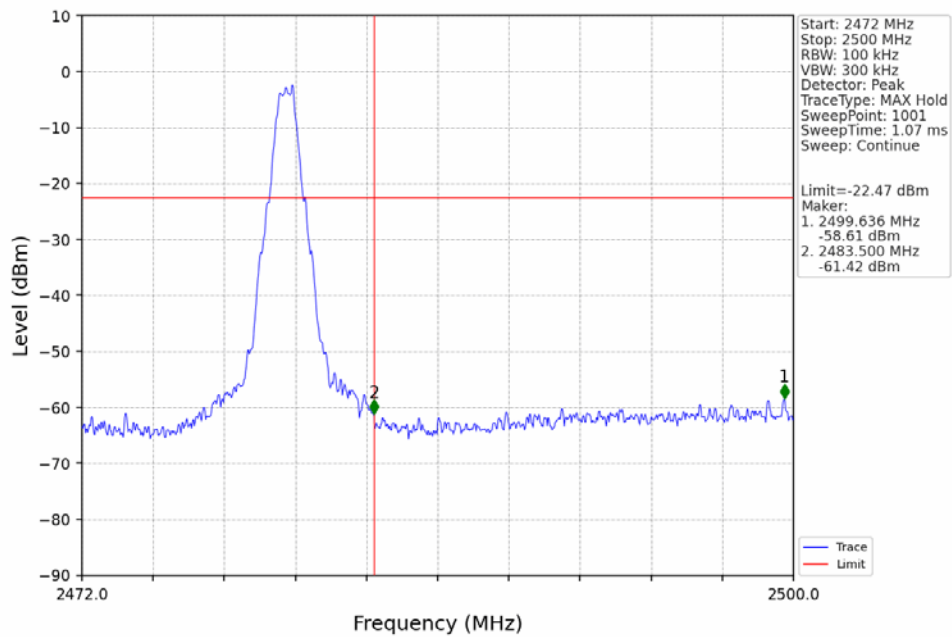
5.2.2 CSE

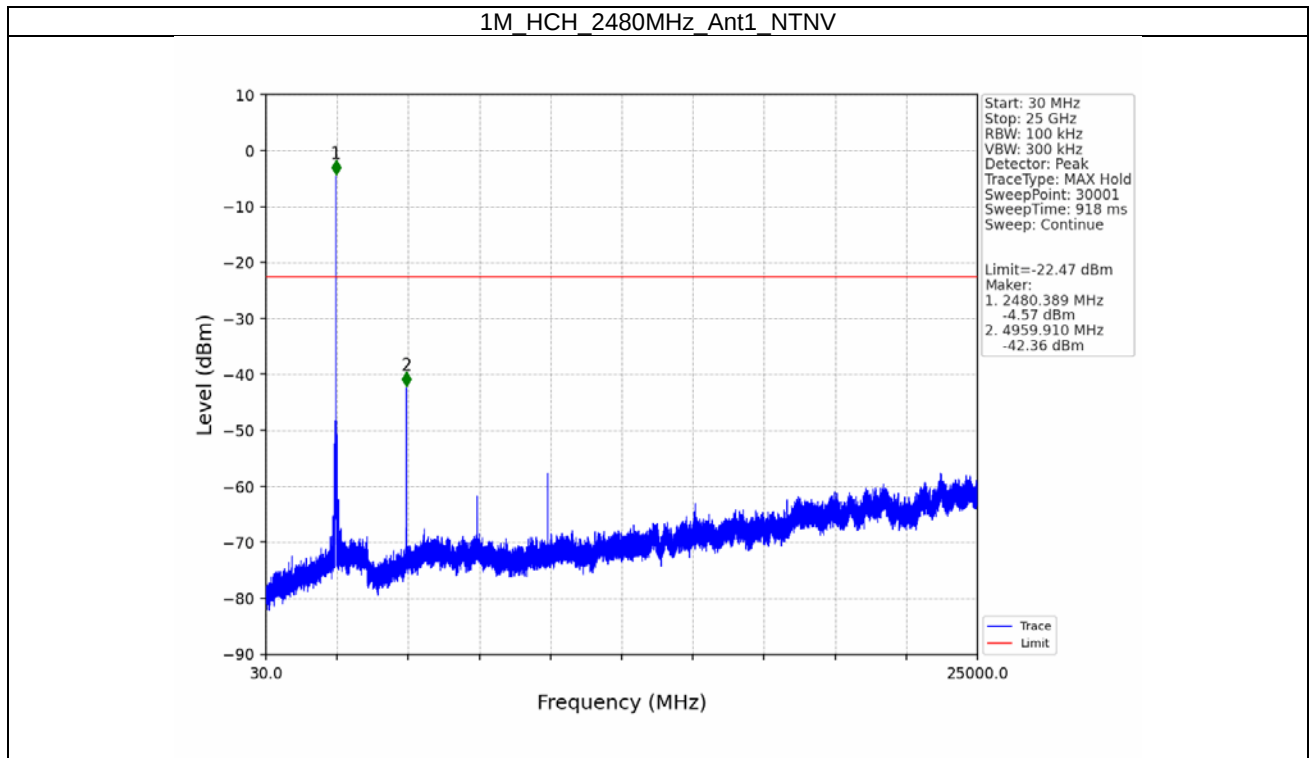


1M_MCH_2440MHz_Ant1_NTNV



1M_HCH_2480MHz_Ant1_NTNV





6. Unwanted Emissions In Restricted Frequency Bands

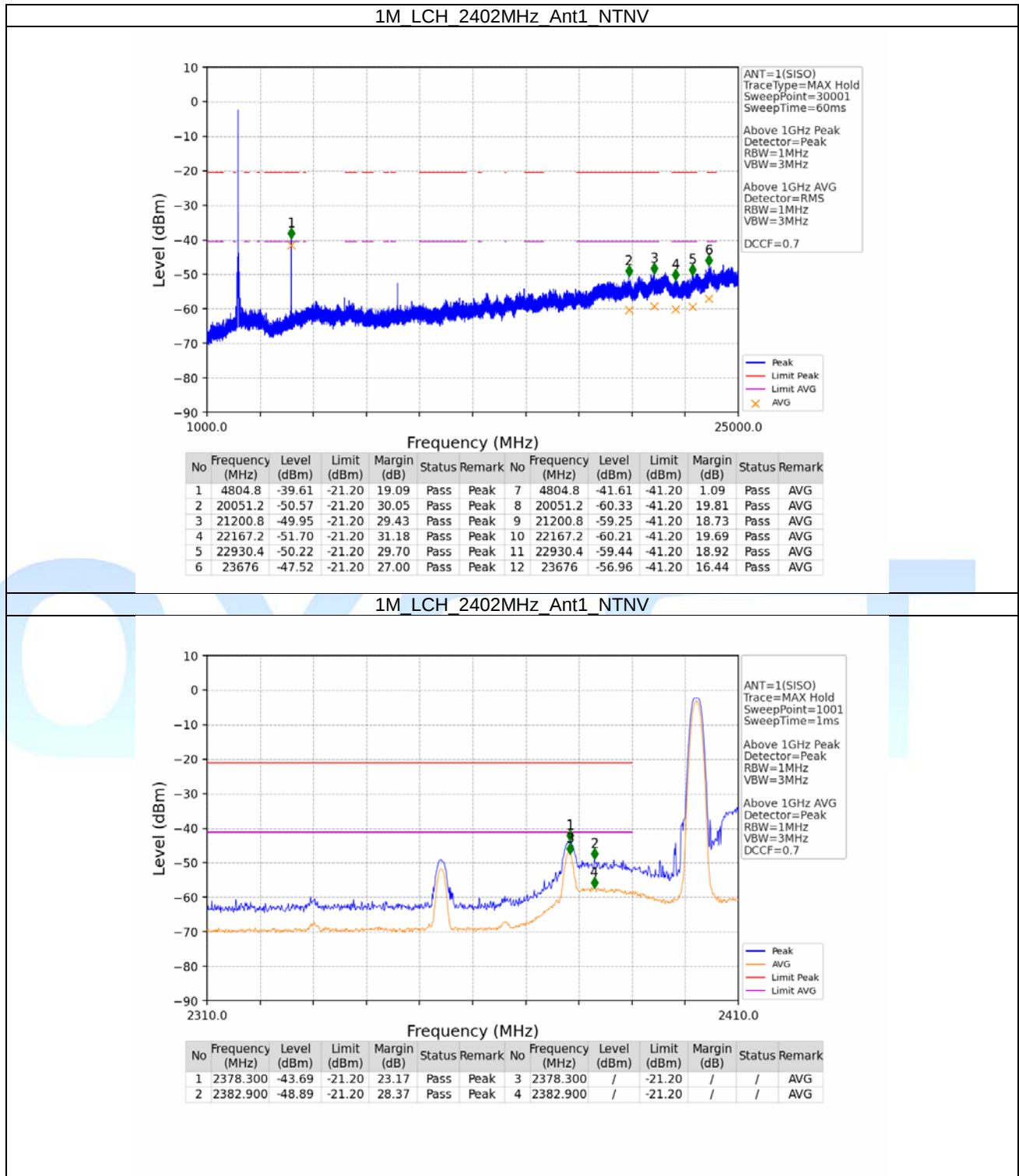
6.1 Test Result

6.1.1 RSE

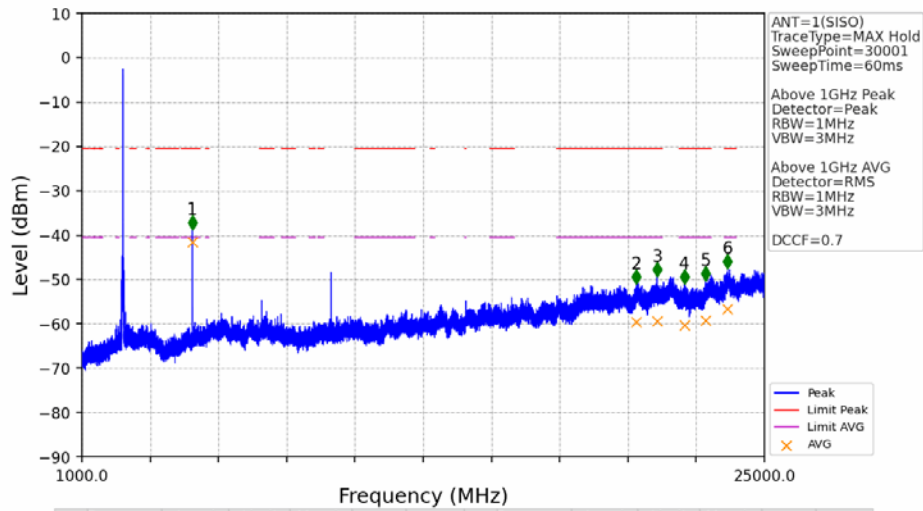
Mode	TX Type	Frequency (MHz)	ANT	Level of Unwanted Emissions (dBm)		Verdict
				Result	Limit	
1M	SISO	2402	1	Refer To Test Graph		Pass
		2440	1	Refer To Test Graph		Pass
		2480	1	Refer To Test Graph		Pass
Note1: level contains DCCF Note2: Final level(E.I.R.P)=level + antenna gain Note3: Antenna gain: -0.68dBi Note4: Margin=limit-Final level						

6.2 Test Graph

6.2.1 RSE

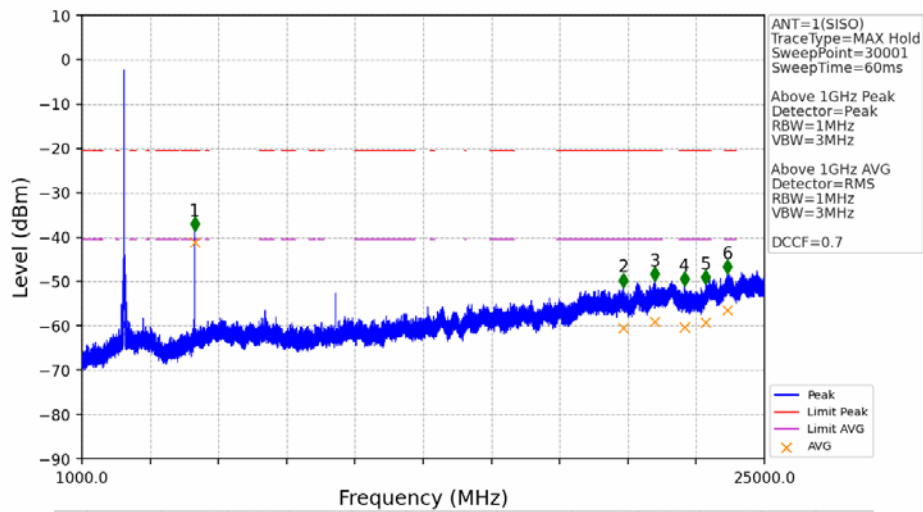


1M_MCH_2440MHz_Ant1_NTNV



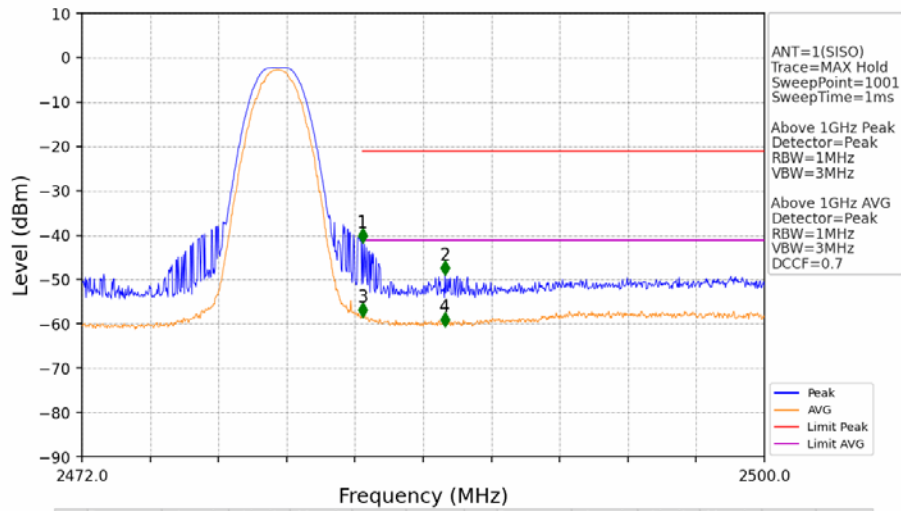
No	Frequency (MHz)	Level (dBm)	Limit (dBm)	Margin (dB)	Status	Remark	No	Frequency (MHz)	Level (dBm)	Limit (dBm)	Margin (dB)	Status	Remark
1	4880	-38.77	-21.20	18.25	Pass	Peak	7	4880	-41.48	-41.20	0.96	Pass	AVG
2	20498.4	-51.03	-21.20	30.51	Pass	Peak	8	20498.4	-59.62	-41.20	19.09	Pass	AVG
3	21222.4	-49.30	-21.20	28.78	Pass	Peak	9	21222.4	-59.46	-41.20	18.94	Pass	AVG
4	22190.4	-51.04	-21.20	30.52	Pass	Peak	10	22190.4	-60.36	-41.20	19.84	Pass	AVG
5	22934.4	-50.19	-21.20	29.67	Pass	Peak	11	22934.4	-59.21	-41.20	18.69	Pass	AVG
6	23708.8	-47.50	-21.20	26.98	Pass	Peak	12	23708.8	-56.60	-41.20	16.08	Pass	AVG

1M_HCH_2480MHz_Ant1_NTNV



No	Frequency (MHz)	Level (dBm)	Limit (dBm)	Margin (dB)	Status	Remark	No	Frequency (MHz)	Level (dBm)	Limit (dBm)	Margin (dB)	Status	Remark
1	4960	-38.66	-21.20	18.14	Pass	Peak	7	4960	-41.20	-41.20	0.68	Pass	AVG
2	20042.4	-51.24	-21.20	30.72	Pass	Peak	8	20042.4	-60.47	-41.20	19.95	Pass	AVG
3	21139.2	-49.87	-21.20	29.35	Pass	Peak	9	21139.2	-59.03	-41.20	18.51	Pass	AVG
4	22187.2	-50.97	-21.20	30.45	Pass	Peak	10	22187.2	-60.25	-41.20	19.73	Pass	AVG
5	22939.2	-50.60	-21.20	30.08	Pass	Peak	11	22939.2	-59.25	-41.20	18.73	Pass	AVG
6	23700.8	-48.18	-21.20	27.66	Pass	Peak	12	23700.8	-56.52	-41.20	16.00	Pass	AVG

1M_HCH_2480MHz_Ant1_NTNV



No	Frequency (MHz)	Level (dBm)	Limit (dBm)	Margin (dB)	Status	Remark	No	Frequency (MHz)	Level (dBm)	Limit (dBm)	Margin (dB)	Status	Remark
1	2483.508	-41.63	-21.20	21.11	Pass	Peak	3	2483.508	/	-21.20	/	/	AVG
2	2486.896	-48.94	-21.20	28.41	Pass	Peak	4	2486.896	/	-21.20	/	/	AVG

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