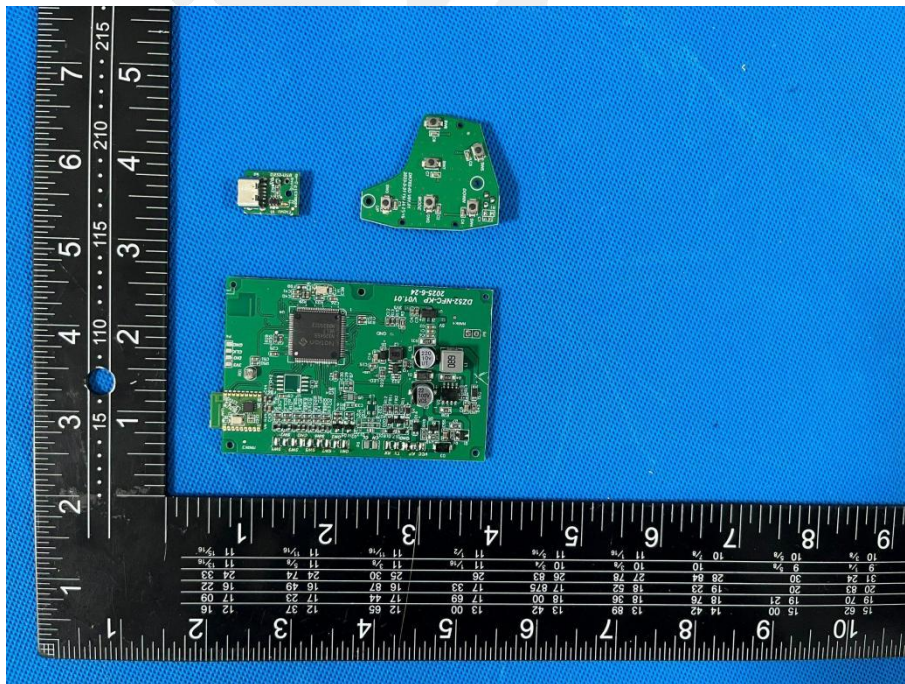
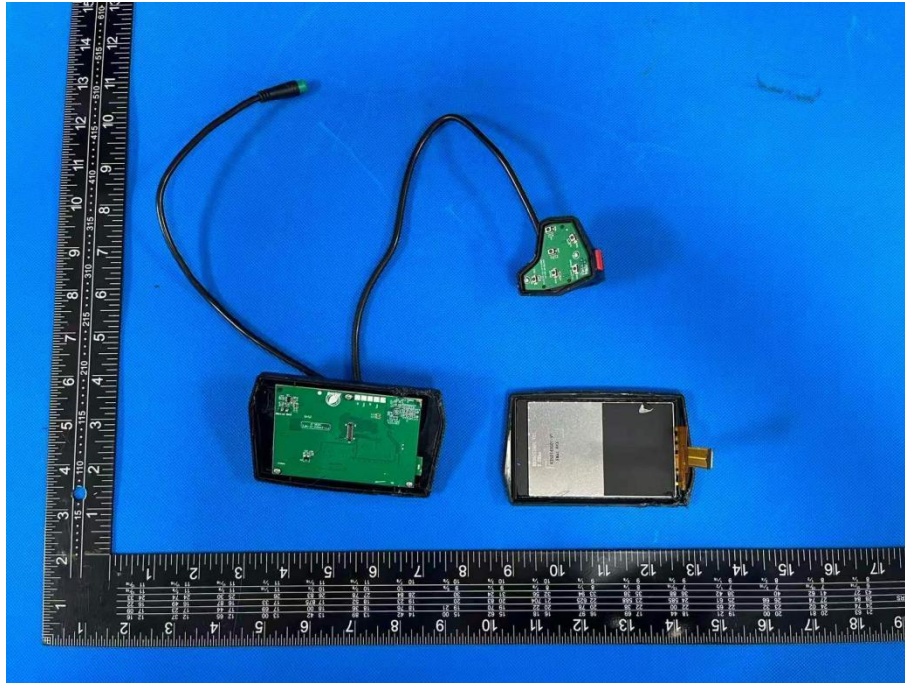
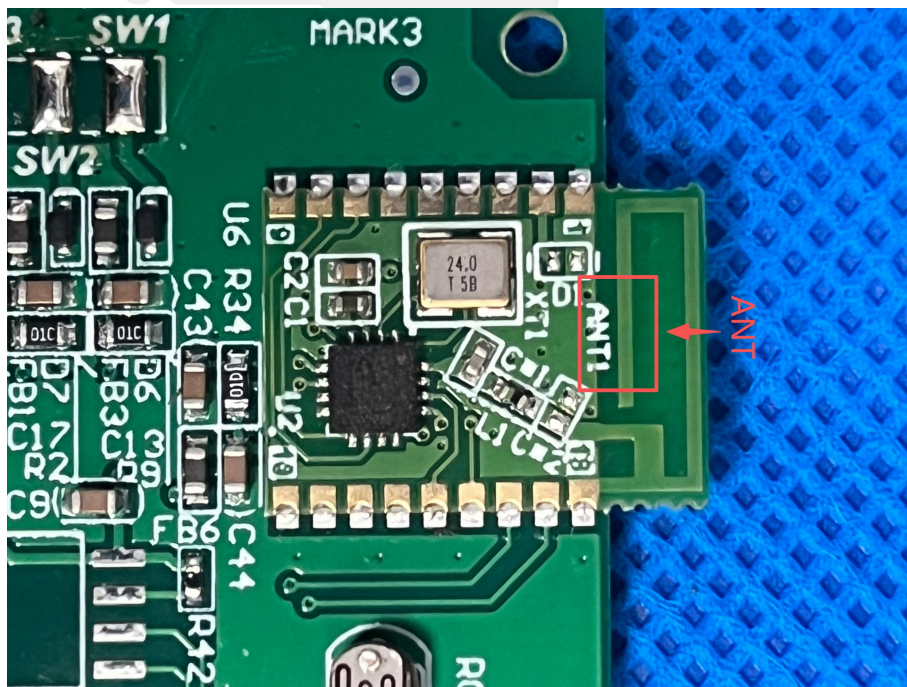
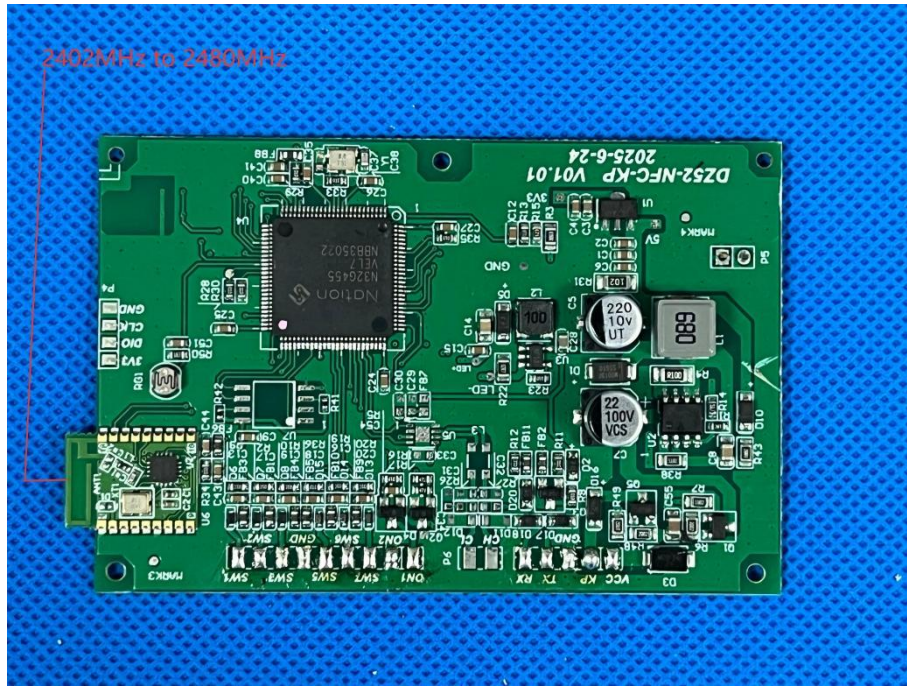
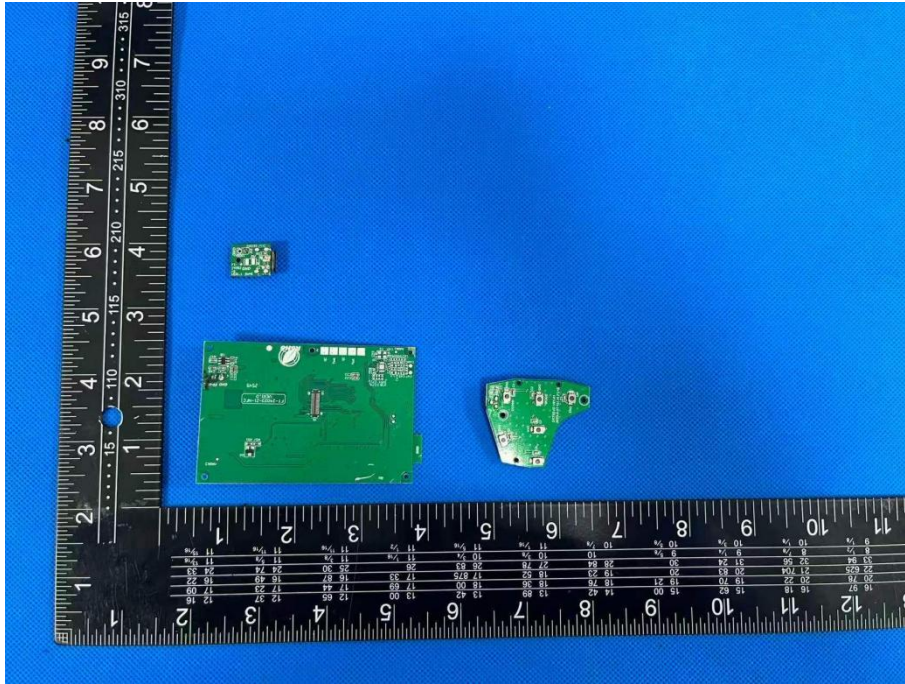




EUT Internal photos







9. Appendix Report

1. Duty Cycle

1.1 Test Result

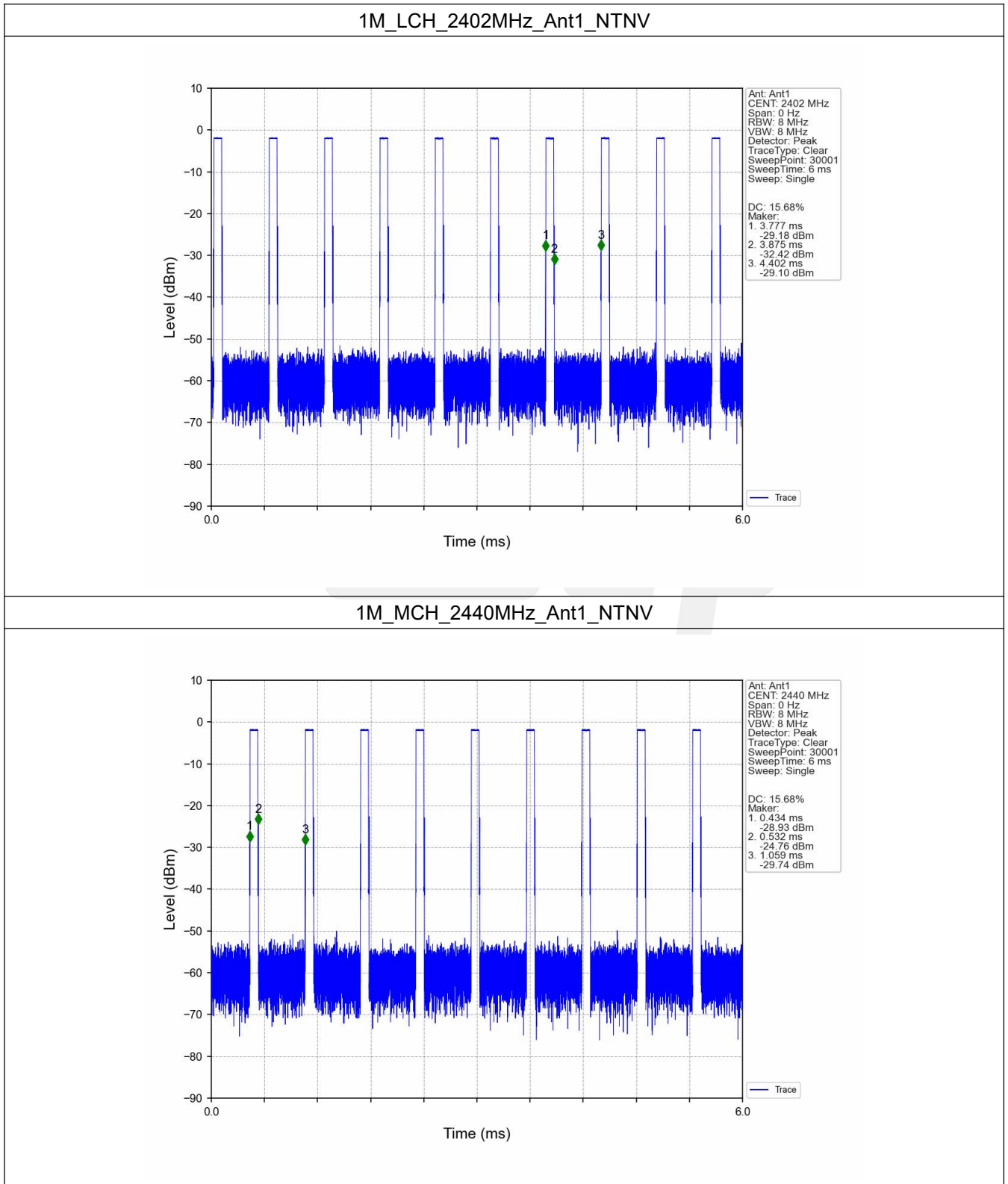
1.1.1 Ant1

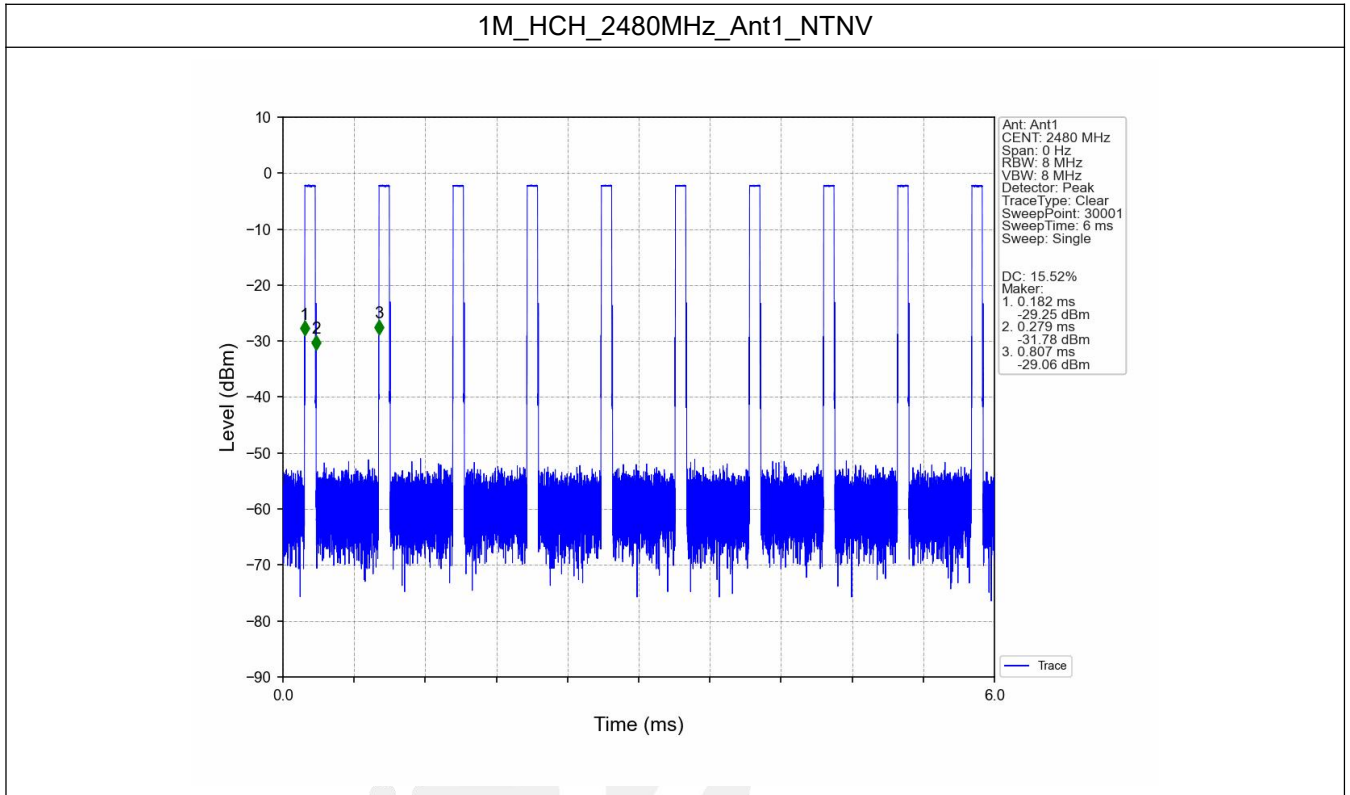
Ant1							
Mode	TX Type	Frequency (MHz)	T_on (ms)	Period (ms)	Duty Cycle (%)	Duty Cycle Correction Factor (dB)	Max. DC Variation (%)
1M	SISO	2402	0.098	0.625	15.68	8.05	0.03
		2440	0.098	0.625	15.68	8.05	0.03
		2480	0.097	0.625	15.52	8.09	0.03



1.2 Test Graph

1.2.1 Ant1





2. Bandwidth

2.1 Test Result

2.1.1 OBW

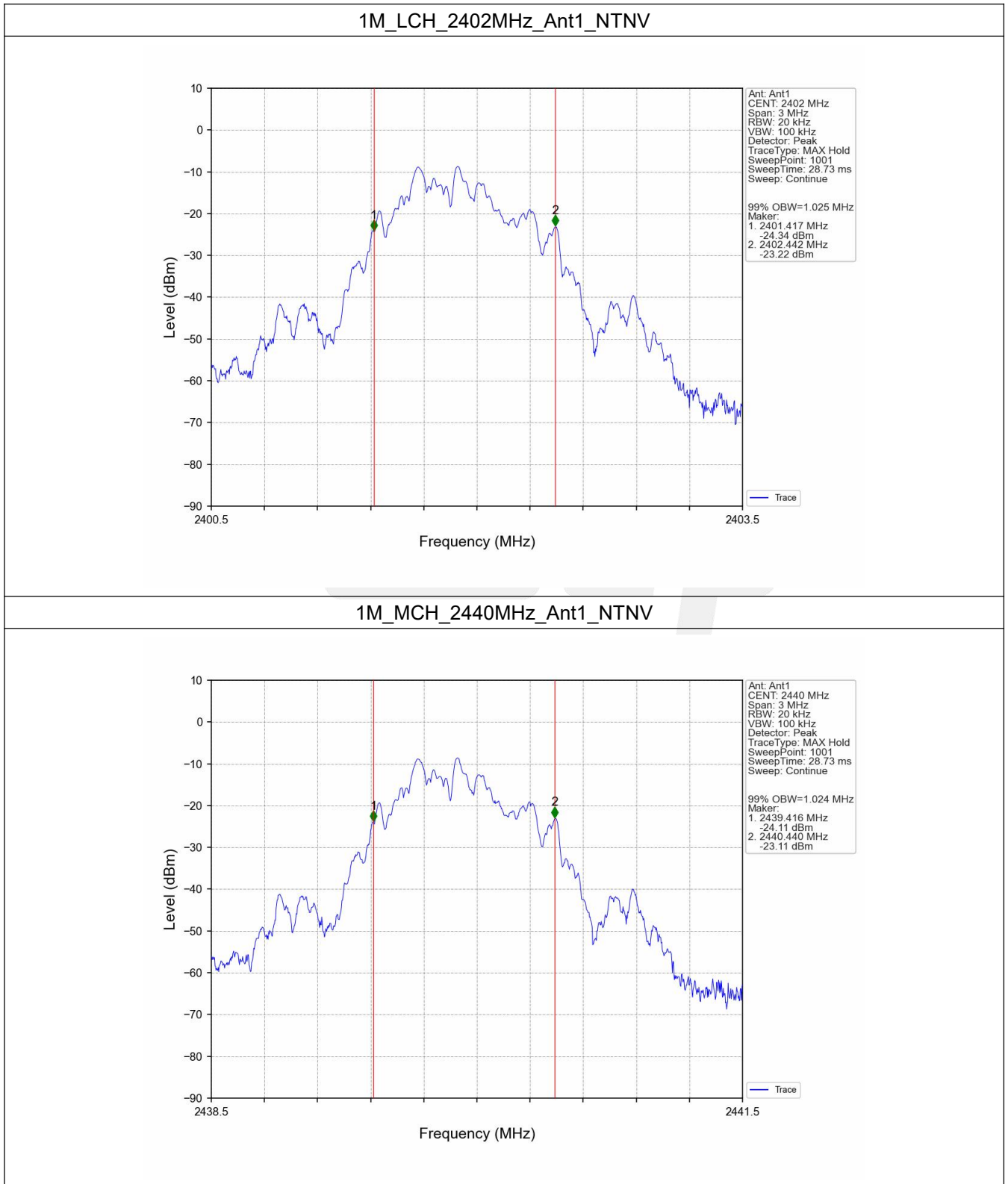
Mode	TX Type	Frequency (MHz)	ANT	99% Occupied Bandwidth (MHz)		Verdict
				Result	Limit	
1M	SISO	2402	1	1.025	/	Pass
		2440	1	1.024	/	Pass
		2480	1	1.026	/	Pass

2.1.2 6dB BW

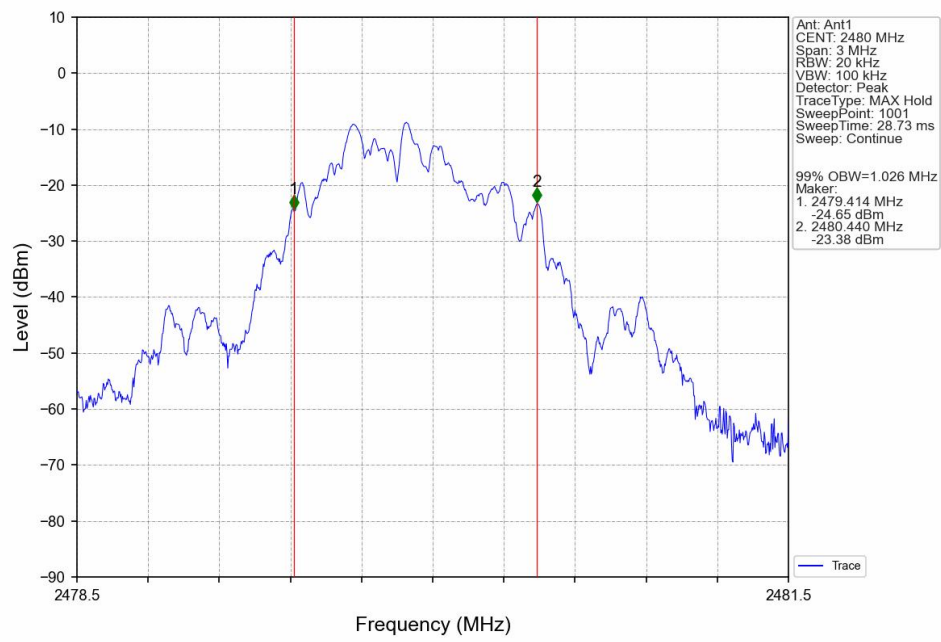
Mode	TX Type	Frequency (MHz)	ANT	6dB Bandwidth (MHz)		Verdict
				Result	Limit	
1M	SISO	2402	1	0.506	≥ 0.5	Pass
		2440	1	0.505	≥ 0.5	Pass
		2480	1	0.508	≥ 0.5	Pass

2.2 Test Graph

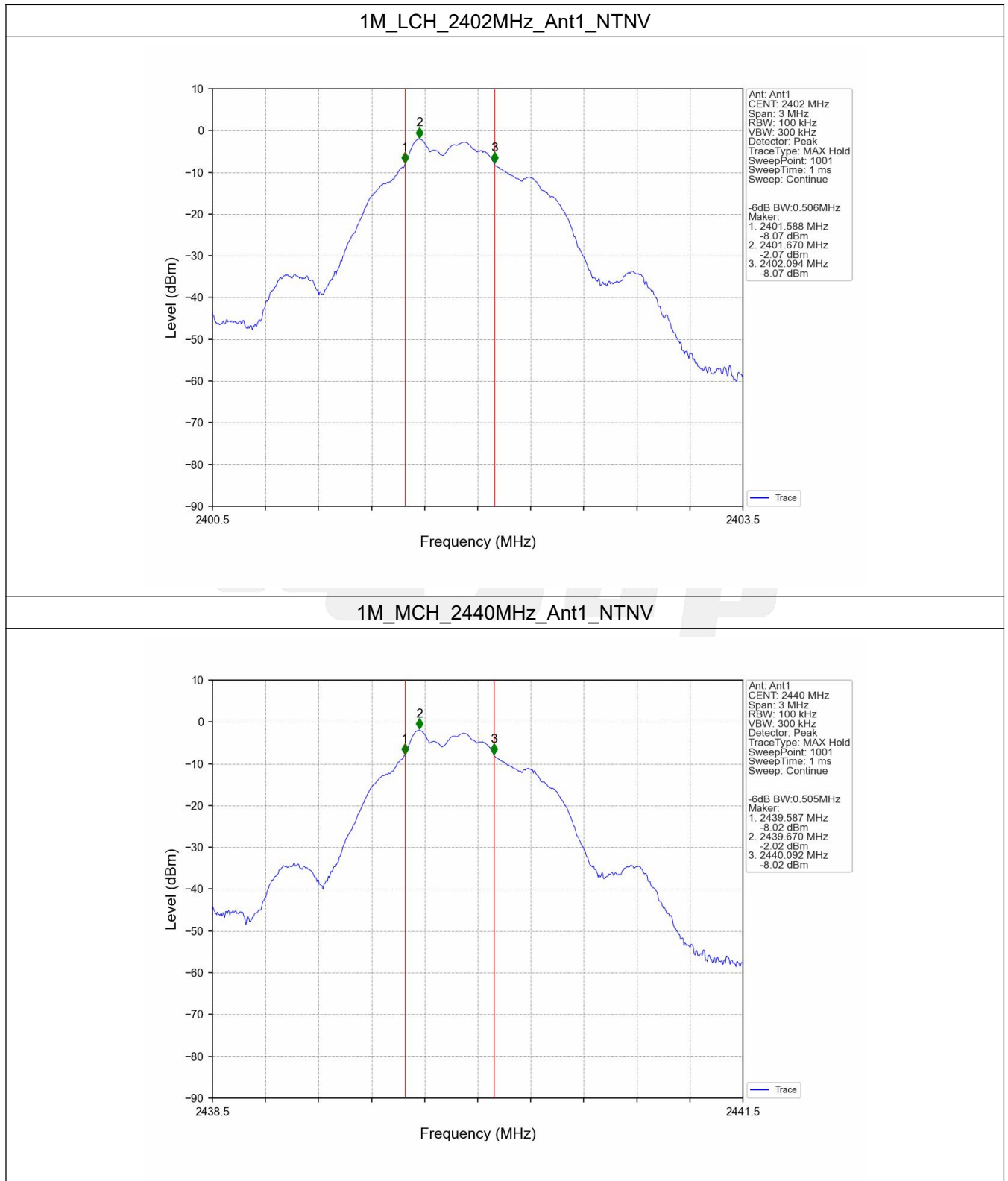
2.2.1 OBW



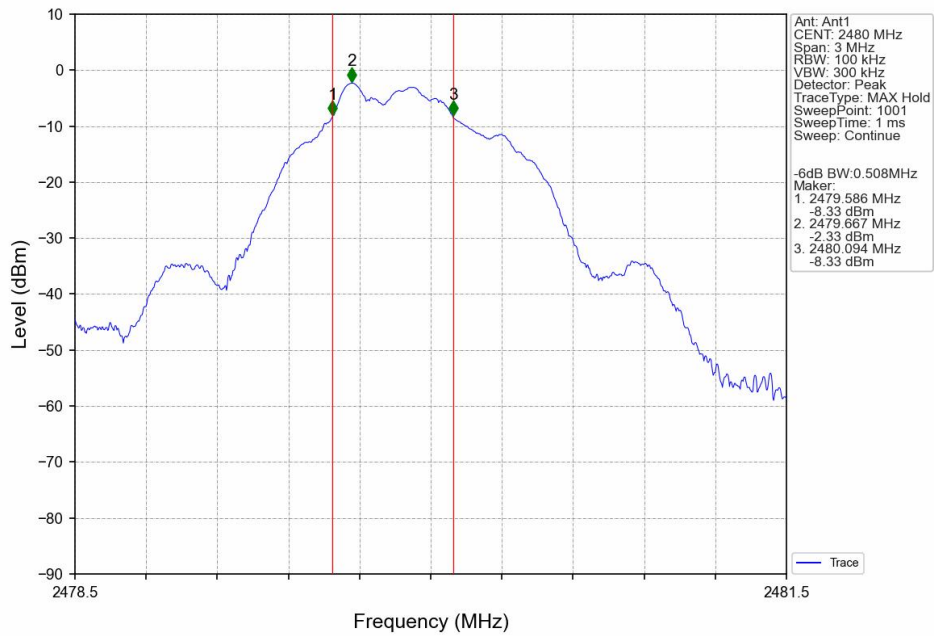
1M_HCH_2480MHz_Ant1_NTNV



2.2.2 6dB BW



1M_HCH_2480MHz_Ant1_NTNV



3. Maximum Conducted Output Power

3.1 Test Result

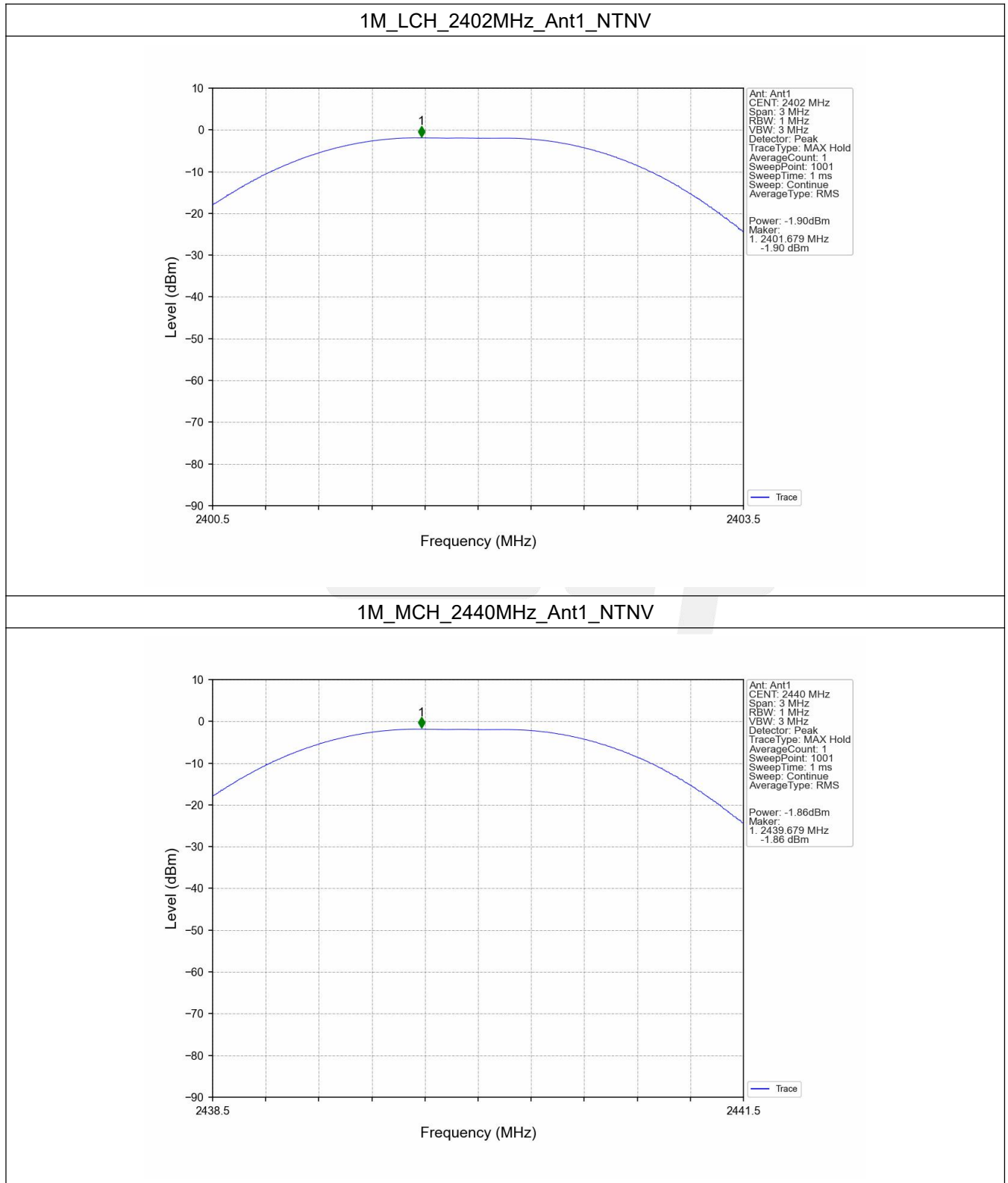
3.1.1 Power

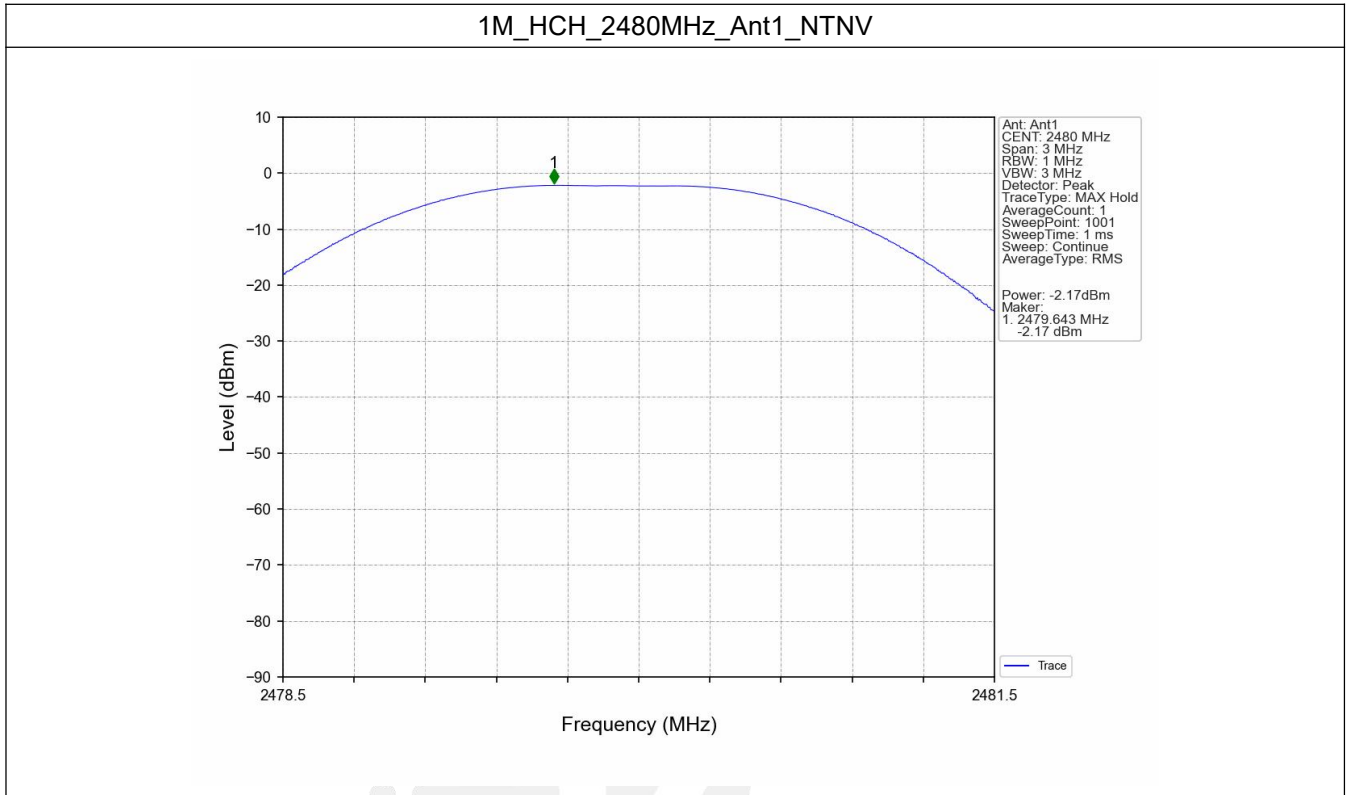
Mode	TX Type	Frequency (MHz)	Maximum Peak Conducted Output Power (dBm)		Verdict
			ANT1	Limit	
1M	SISO	2402	-1.90	<=30	Pass
		2440	-1.86	<=30	Pass
		2480	-2.17	<=30	Pass
Note1: Antenna Gain: Ant1: -0.51dBi;					



3.2 Test Graph

3.2.1 Power





4. Maximum Power Spectral Density

4.1 Test Result

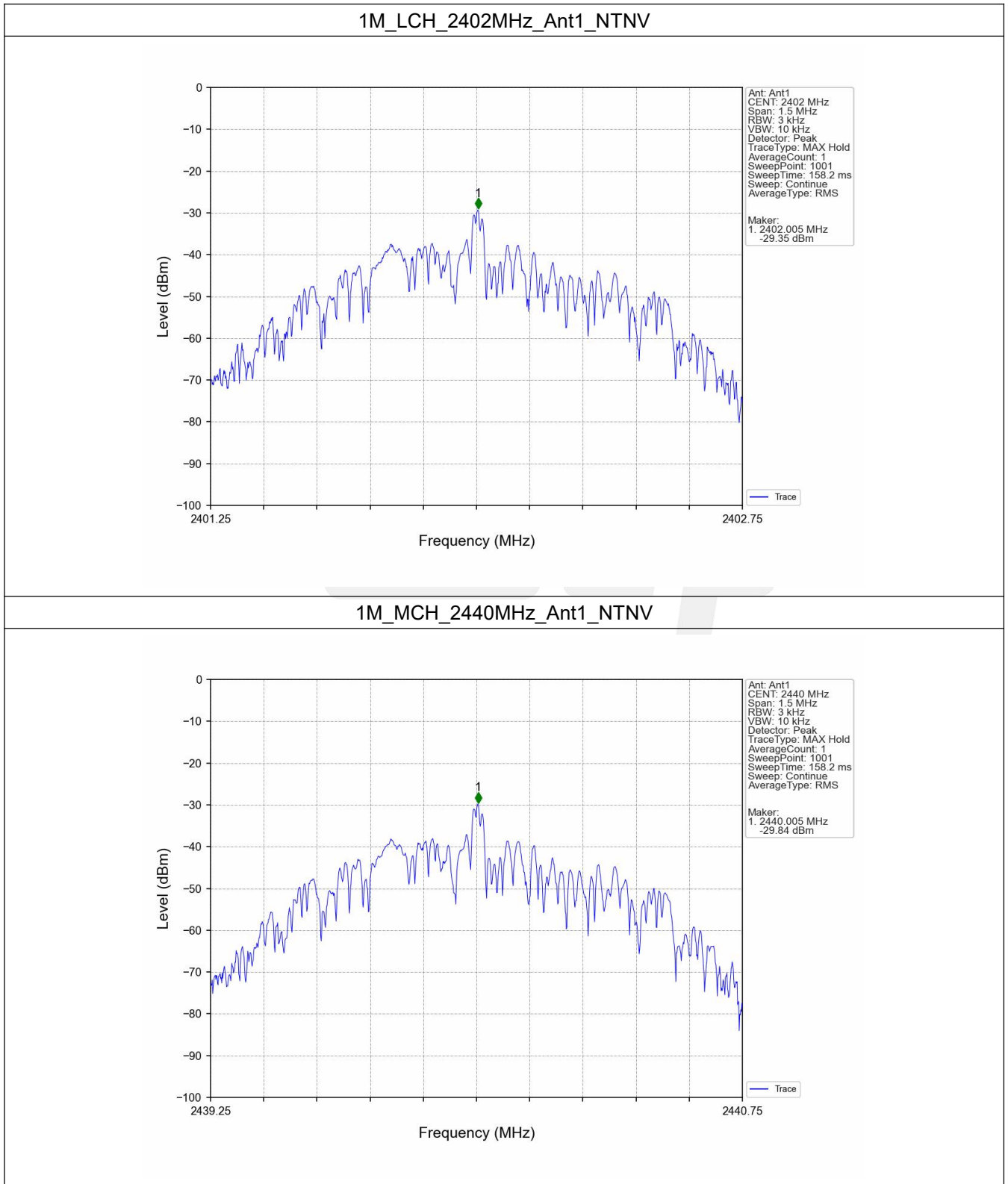
4.1.1 PSD

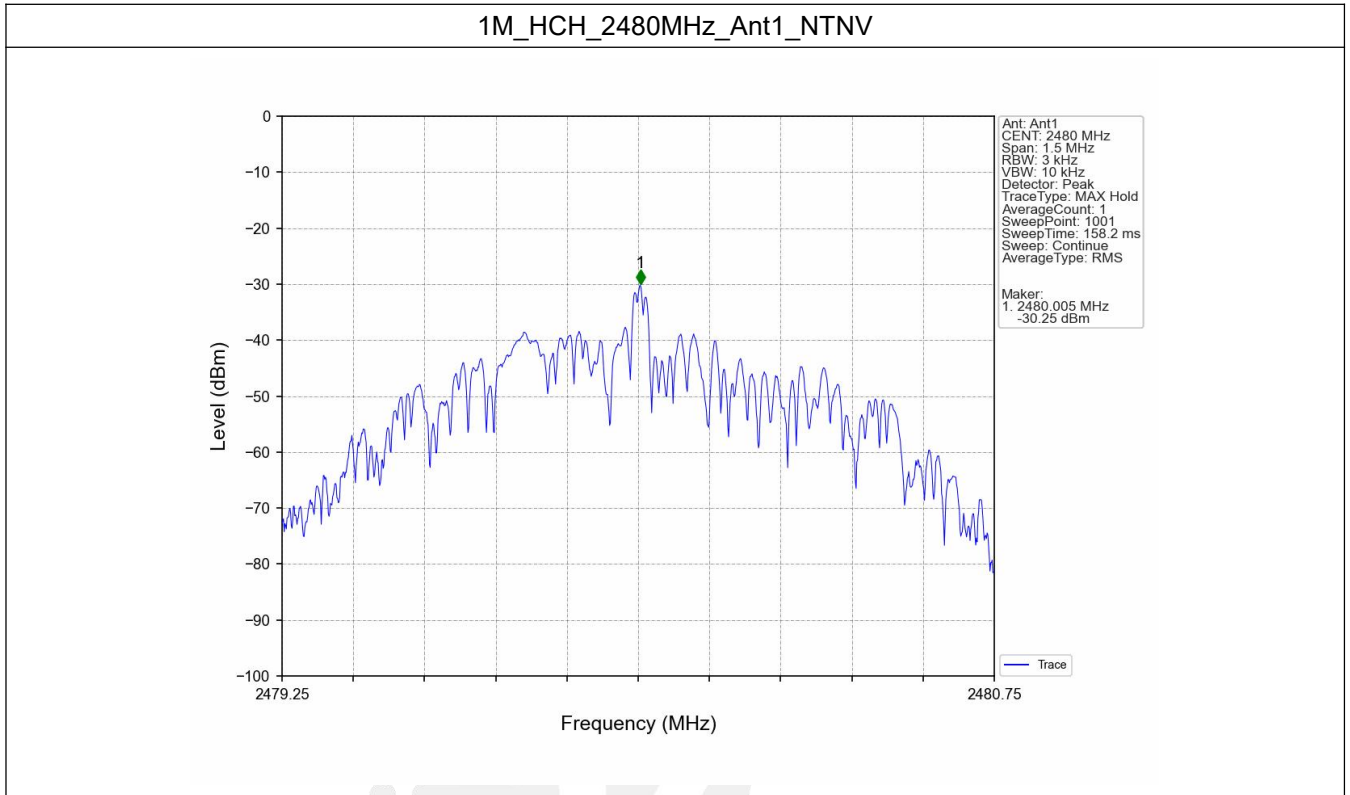
Mode	TX Type	Frequency (MHz)	Maximum PSD (dBm)		Verdict
			ANT1	Limit	
1M	SISO	2402	-29.35	<=8	Pass
		2440	-29.84	<=8	Pass
		2480	-30.25	<=8	Pass
Note1: Antenna Gain: Ant1: -0.51dBi;					



4.2 Test Graph

4.2.1 PSD





5. Unwanted Emissions In Non-restricted Frequency Bands

5.1 Test Result

5.1.1 Ref

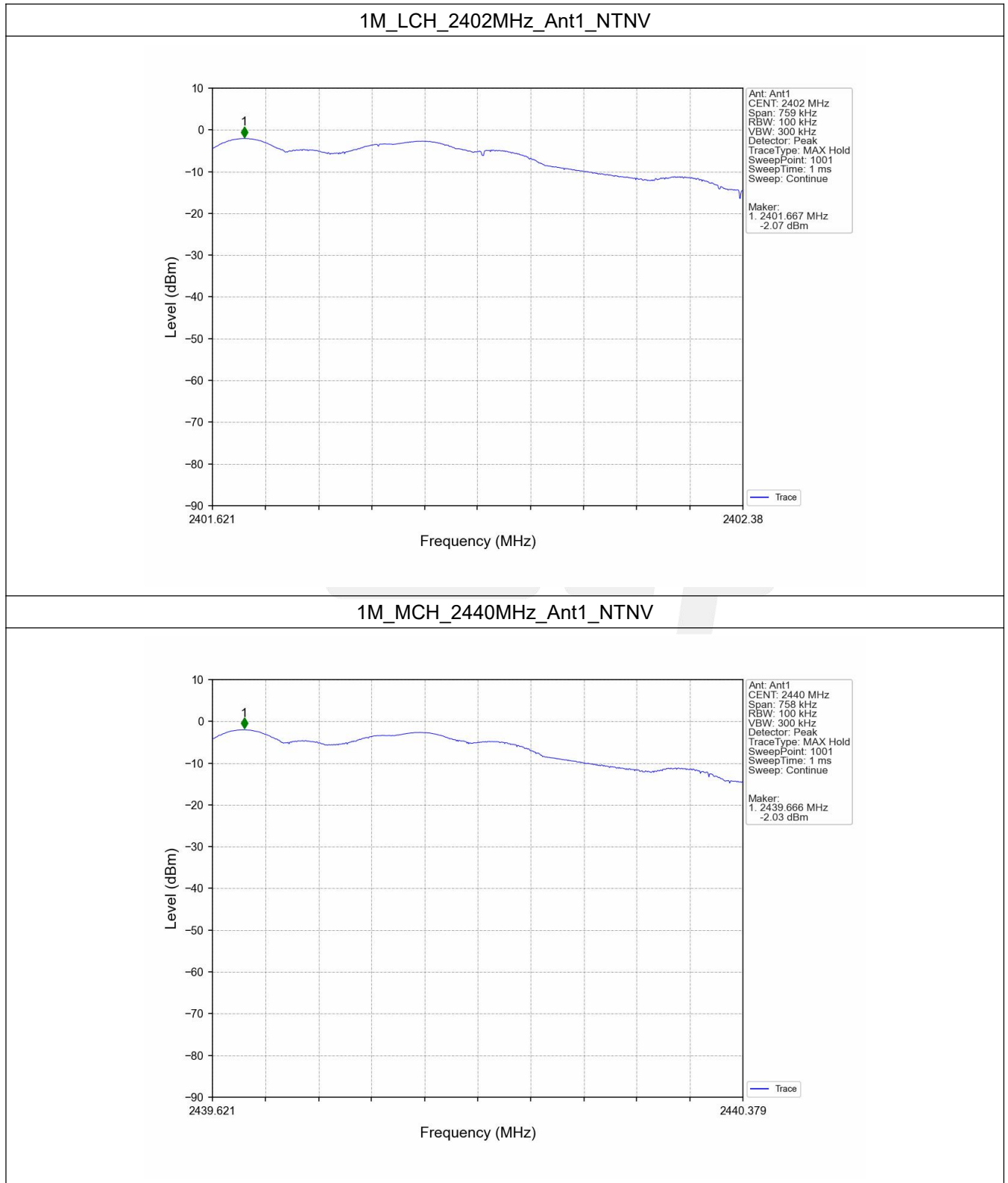
Mode	TX Type	Frequency (MHz)	ANT	Level of Reference (dBm)
1M	SISO	2402	1	-2.07
		2440	1	-2.03
		2480	1	-2.34

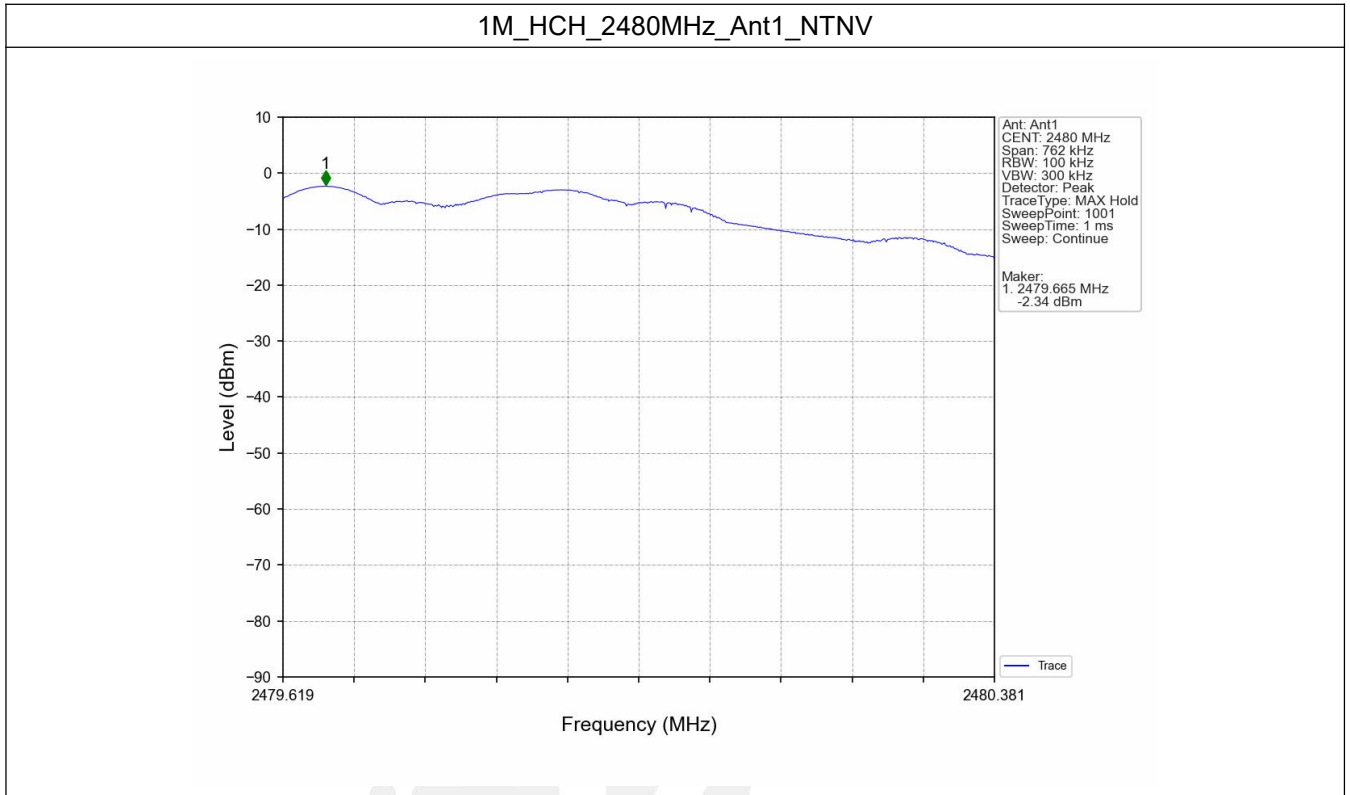
5.1.2 CSE

Mode	TX Type	Frequency (MHz)	ANT	Level of Reference (dBm)	Limit (dBm)	Verdict
1M	SISO	2402	1	-2.07	-22.07	Pass
		2440	1	-2.03	-22.03	Pass
		2480	1	-2.34	-22.34	Pass

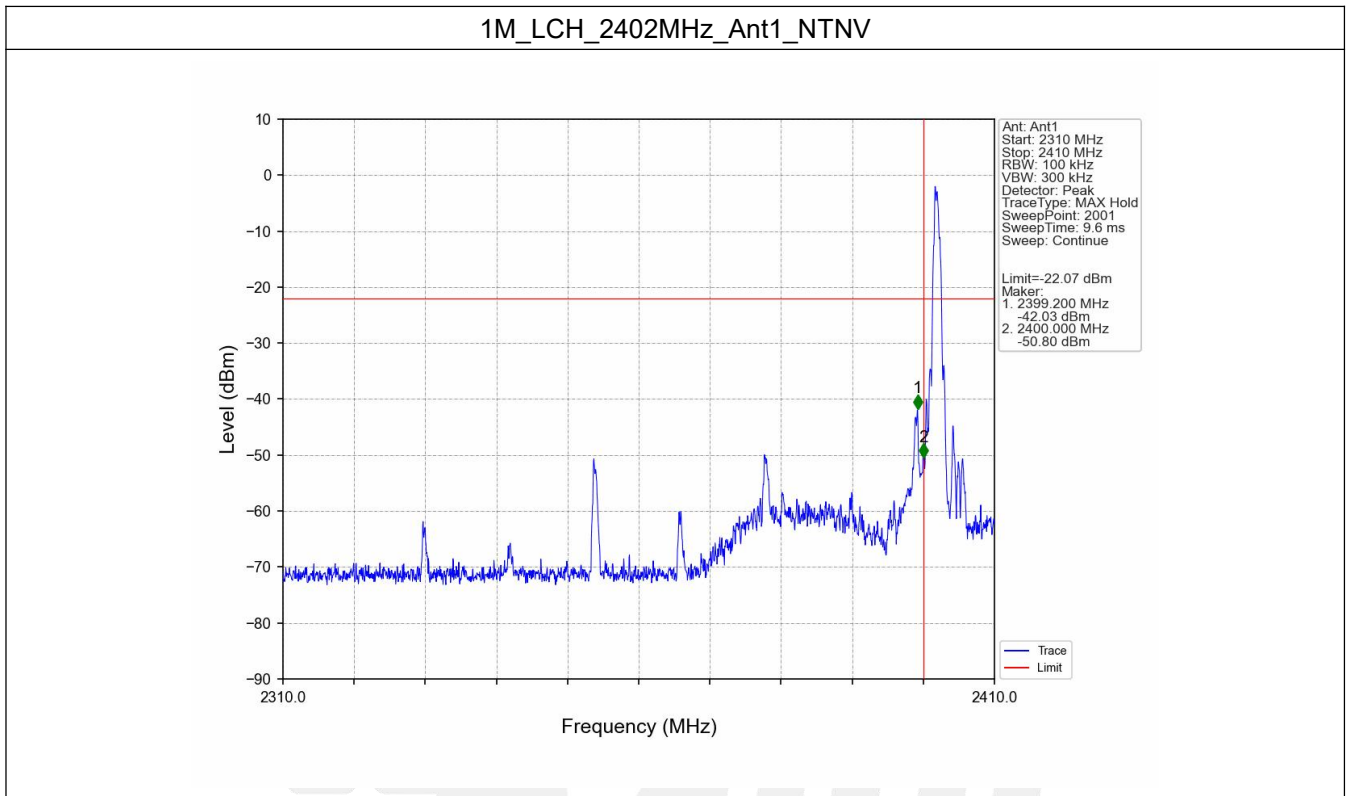
5.2 Test Graph

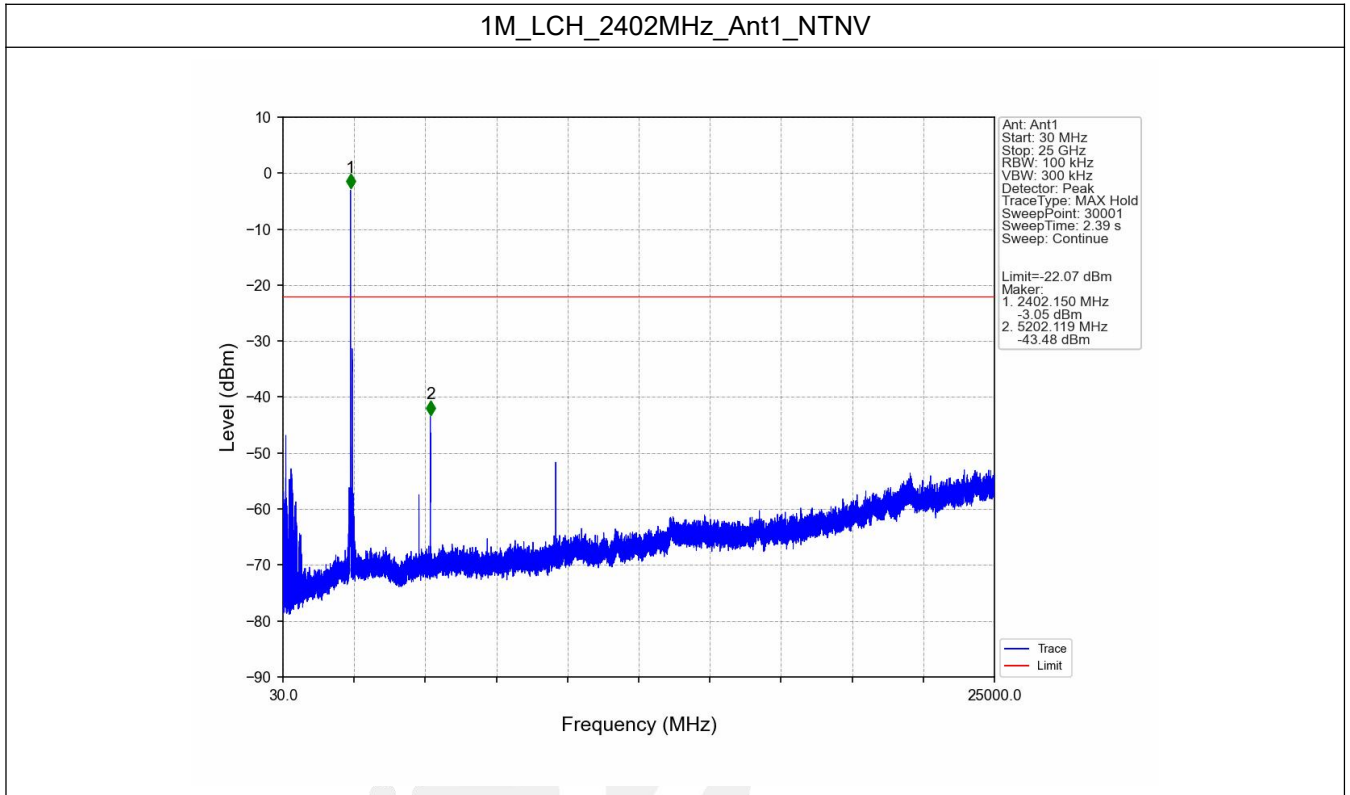
5.2.1 Ref



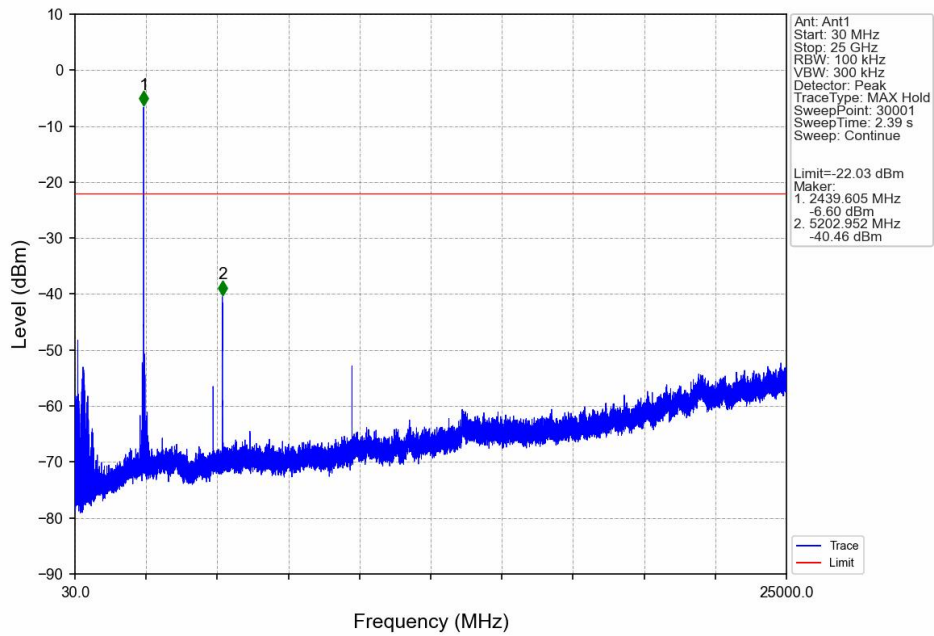


5.2.2 CSE

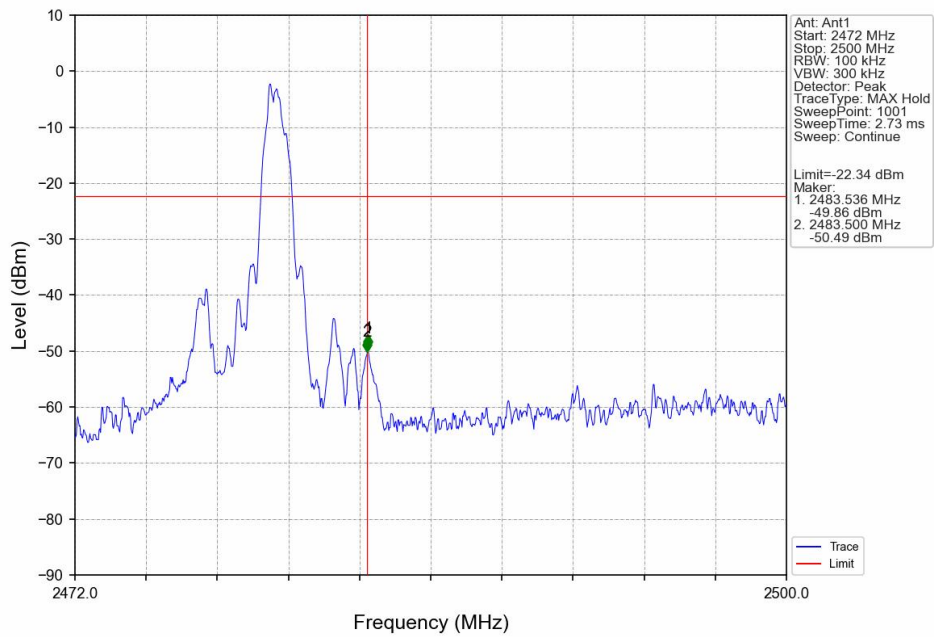


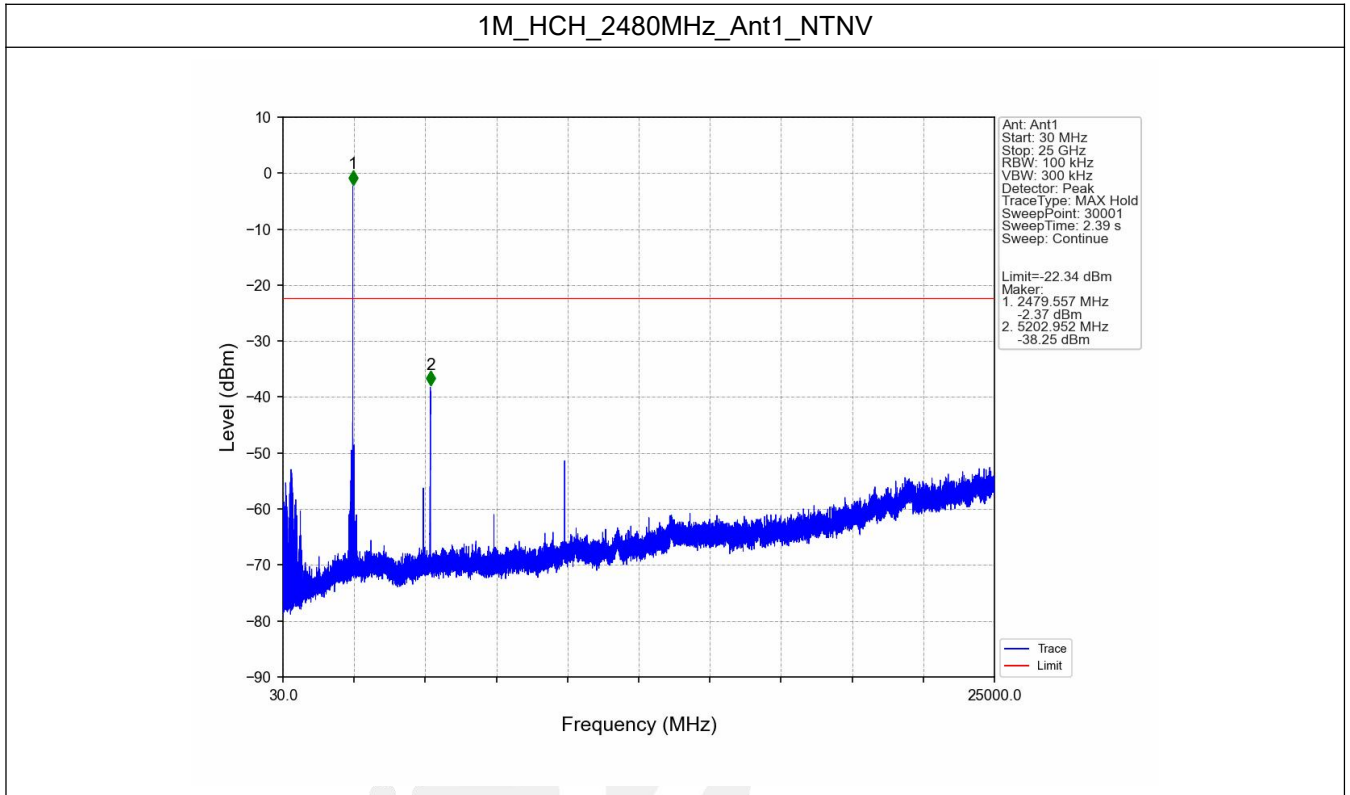


1M_MCH_2440MHz_Ant1_NTNV



1M_HCH_2480MHz_Ant1_NTNV





6. Unwanted Emissions In Restricted Frequency Bands

6.1 Test Result

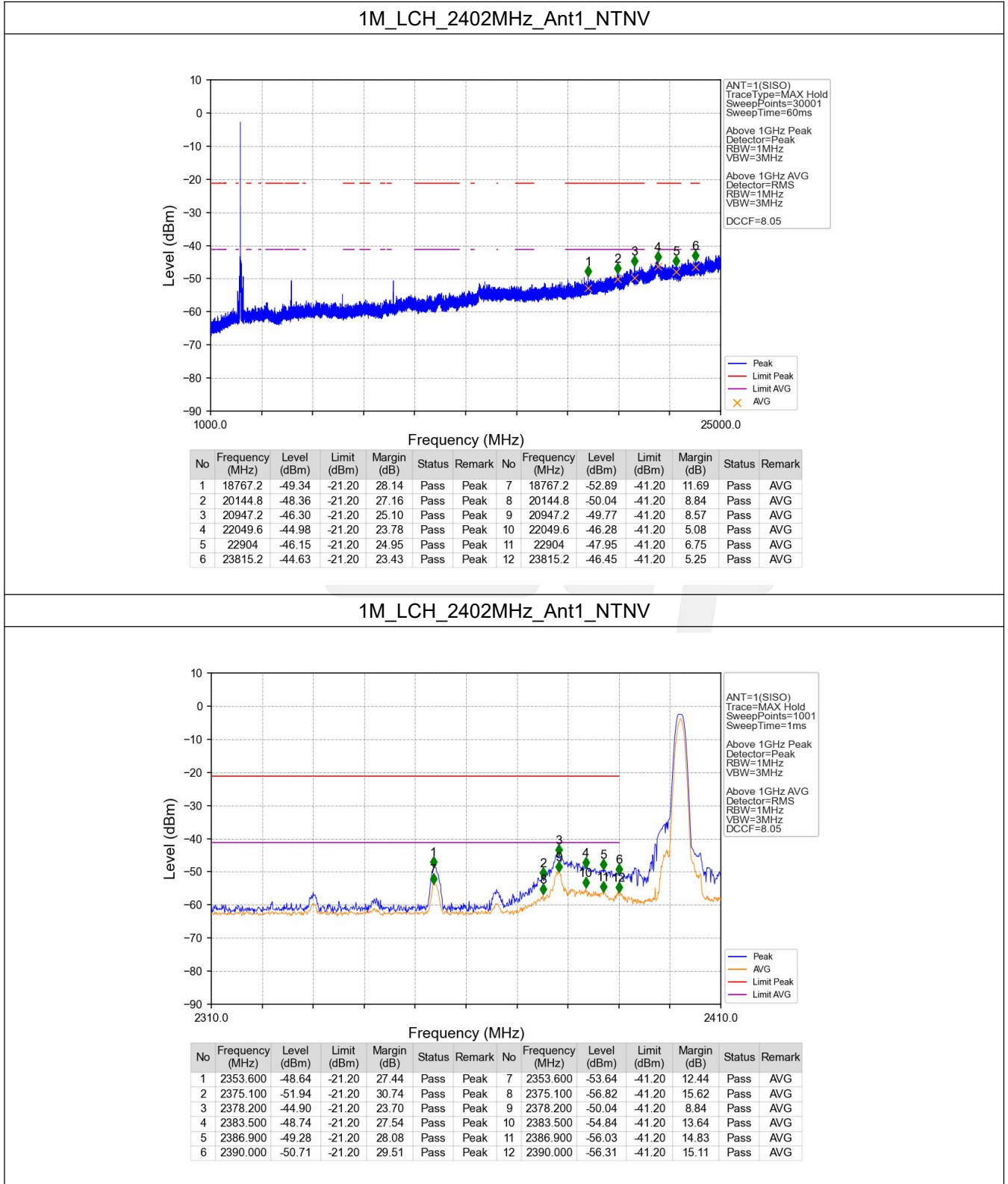
6.1.1 RSE

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

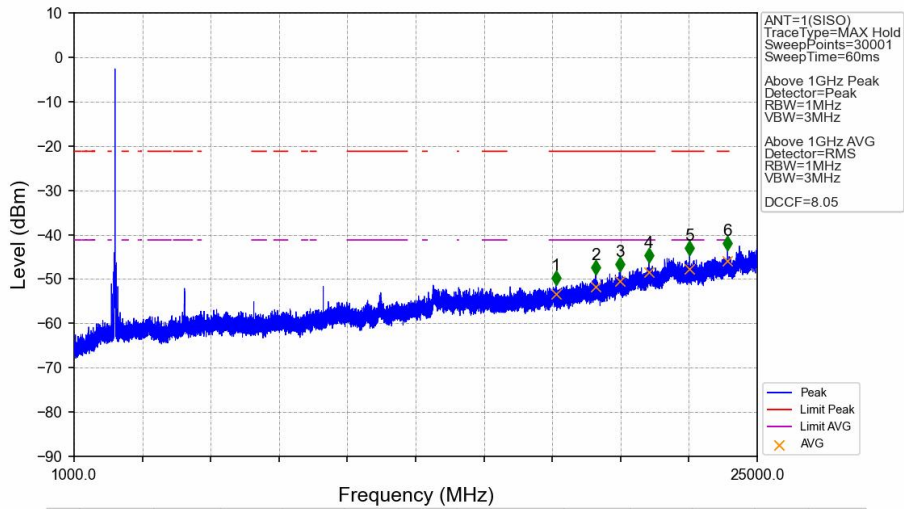


6.2 Test Graph

6.2.1 RSE

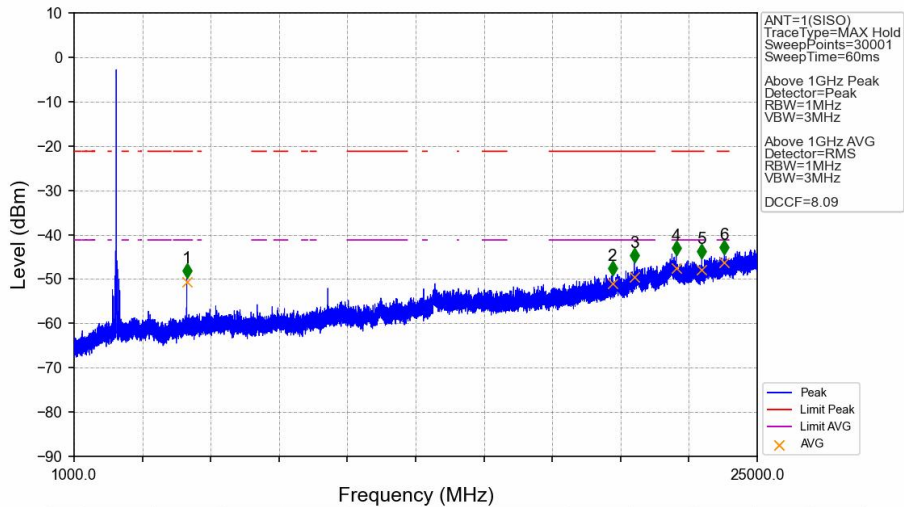


1M_MCH_2440MHz_Ant1_NTNV



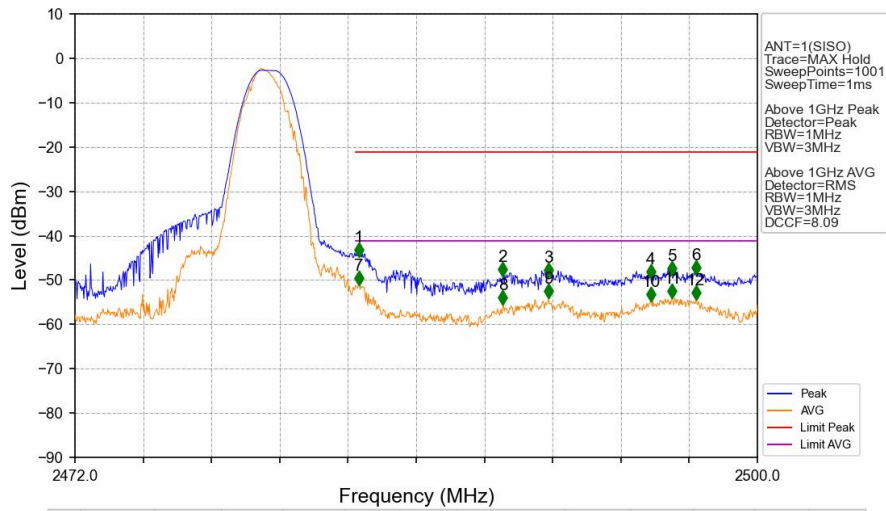
No	Frequency (MHz)	Level (dBm)	Limit (dBm)	Margin (dB)	Status	Remark	No	Frequency (MHz)	Level (dBm)	Limit (dBm)	Margin (dB)	Status	Remark
1	17926.4	-51.36	-21.20	30.16	Pass	Peak	7	17926.4	-53.37	-41.20	12.17	Pass	AVG
2	19325.6	-49.03	-21.20	27.83	Pass	Peak	8	19325.6	-51.67	-41.20	10.47	Pass	AVG
3	20190.4	-48.17	-21.20	26.97	Pass	Peak	9	20190.4	-50.51	-41.20	9.31	Pass	AVG
4	21196	-46.24	-21.20	25.04	Pass	Peak	10	21196	-48.38	-41.20	7.18	Pass	AVG
5	22625.6	-44.59	-21.20	23.39	Pass	Peak	11	22625.6	-47.79	-41.20	6.59	Pass	AVG
6	23956.8	-43.51	-21.20	22.31	Pass	Peak	12	23956.8	-45.95	-41.20	4.75	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	-49.74	-21.20	28.54	Pass	Peak	7	4960	-50.66	-41.20	9.46	Pass	AVG
2	19909.6	-49.08	-21.20	27.88	Pass	Peak	8	19909.6	-51.07	-41.20	9.87	Pass	AVG
3	20681.6	-46.28	-21.20	25.08	Pass	Peak	9	20681.6	-49.59	-41.20	8.39	Pass	AVG
4	22154.4	-44.63	-21.20	23.43	Pass	Peak	10	22154.4	-47.49	-41.20	6.29	Pass	AVG
5	23053.6	-45.30	-21.20	24.10	Pass	Peak	11	23053.6	-47.98	-41.20	6.78	Pass	AVG
6	23846.4	-44.33	-21.20	23.13	Pass	Peak	12	23846.4	-46.22	-41.20	5.02	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	2483.648	-44.76	-21.20	23.56	Pass	Peak	7	2483.648	-51.21	-41.20	10.01	Pass	AVG
2	2489.556	-49.13	-21.20	27.93	Pass	Peak	8	2489.556	-55.53	-41.20	14.33	Pass	AVG
3	2491.432	-49.26	-21.20	28.06	Pass	Peak	9	2491.432	-54.04	-41.20	12.84	Pass	AVG
4	2495.632	-49.67	-21.20	28.47	Pass	Peak	10	2495.632	-54.83	-41.20	13.63	Pass	AVG
5	2496.500	-49.04	-21.20	27.84	Pass	Peak	11	2496.500	-53.98	-41.20	12.78	Pass	AVG
6	2497.480	-48.70	-21.20	27.50	Pass	Peak	12	2497.480	-54.40	-41.20	13.20	Pass	AVG

7. Form731

7.1 Test Result

7.1.1 Form731

Lower Freq (MHz)	High Freq (MHz)	MAX Power (W)	MAX Power (dBm)
2402	2480	0.0007	-1.86

****End of the report****

