

1. Bandwidth

1.1 Test Result

1.1.1 OBW

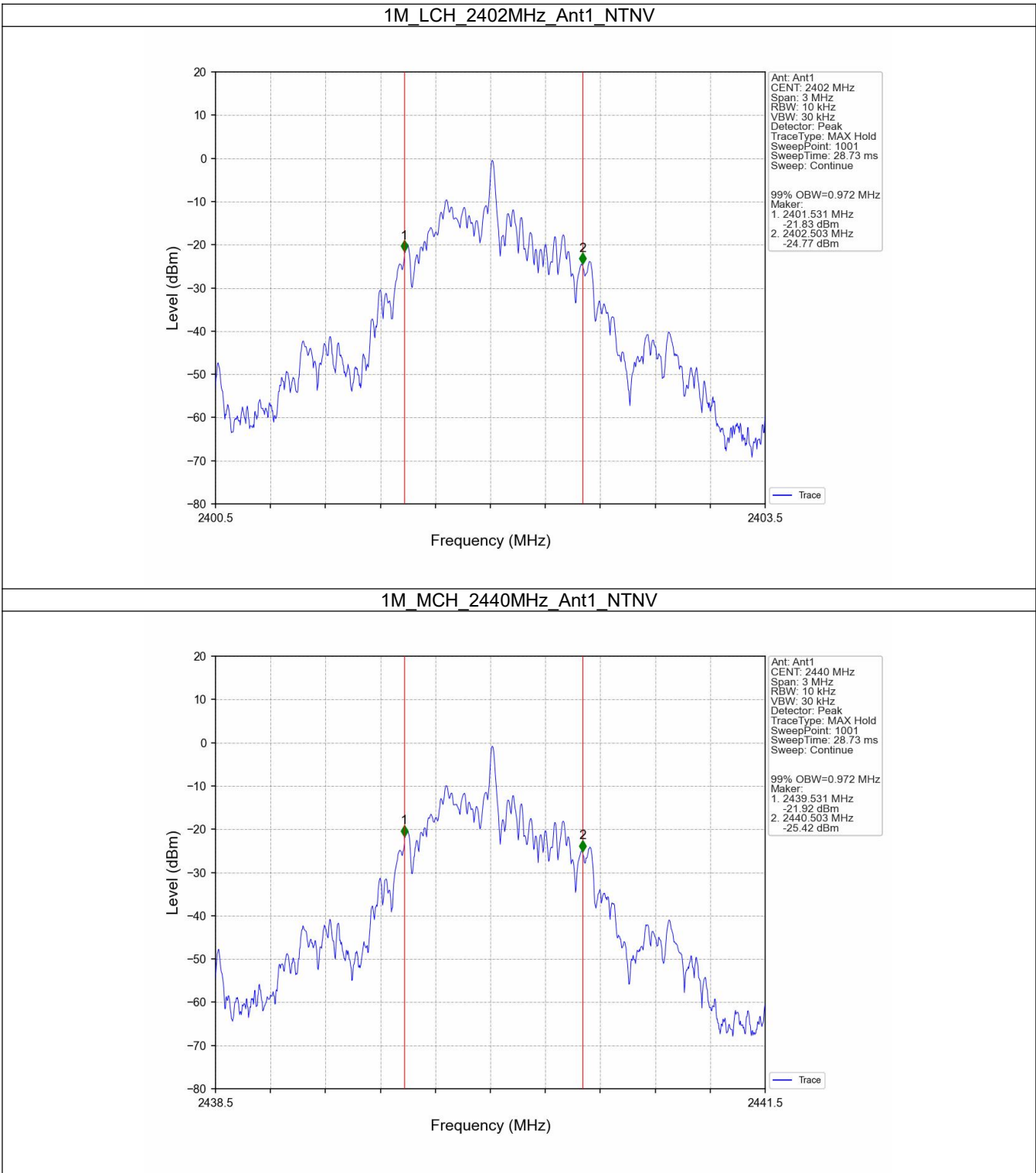
Mode	TX Type	Frequency (MHz)	ANT	99% Occupied Bandwidth (MHz)		Verdict
				Result	Limit	
1M	SISO	2402	1	0.972	/	Pass
		2440	1	0.972	/	Pass
		2480	1	0.972	/	Pass
2M	SISO	2402	1	1.961	/	Pass
		2440	1	1.962	/	Pass
		2480	1	1.957	/	Pass

1.1.2 6dB BW

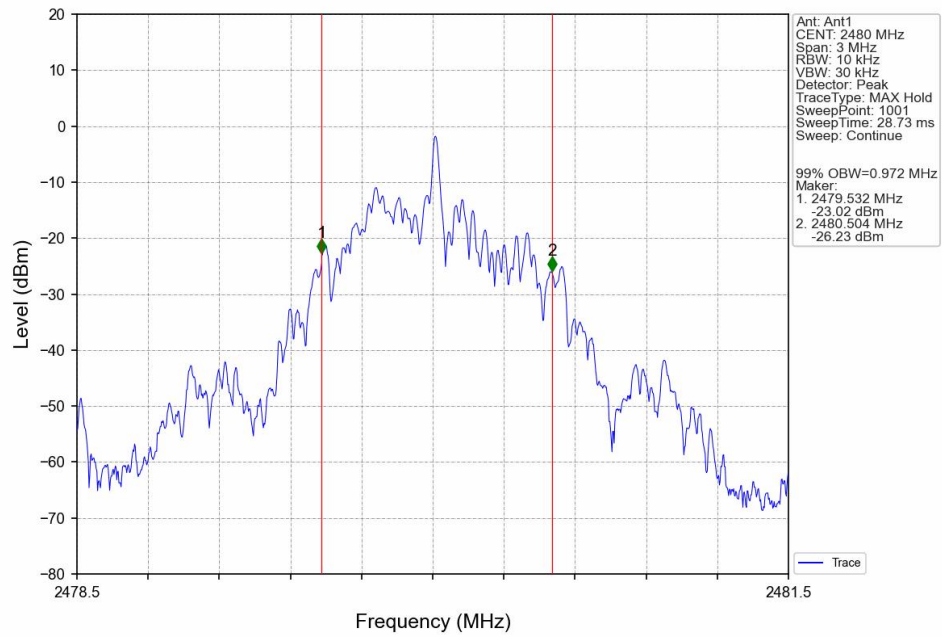
Mode	TX Type	Frequency (MHz)	ANT	6dB Bandwidth (MHz)			Verdict
				Result		Limit	
1M	SISO	2402	1	0.507		≥ 0.5	Pass
		2440	1	0.512		≥ 0.5	Pass
		2480	1	0.507		≥ 0.5	Pass
2M	SISO	2402	1	0.856		≥ 0.5	Pass
		2440	1	0.855		≥ 0.5	Pass
		2480	1	0.853		≥ 0.5	Pass

1.2 Test Graph

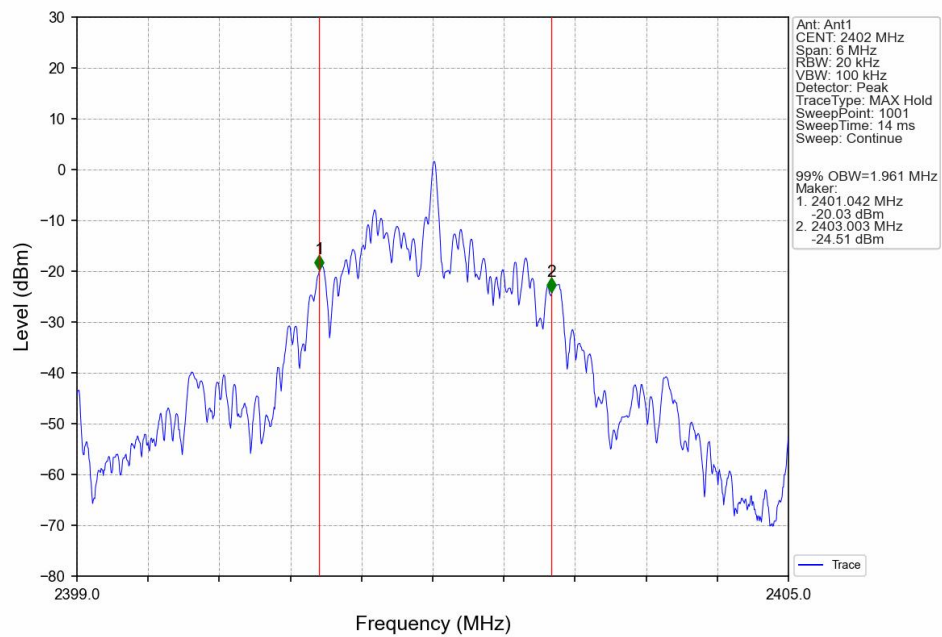
1.2.1 OBW



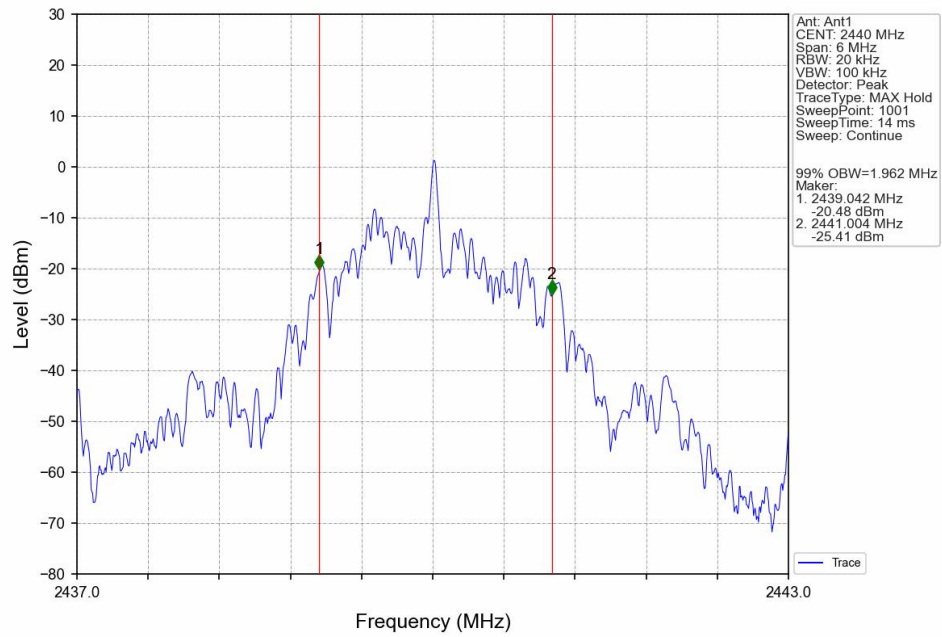
1M_HCH_2480MHz_Ant1_NTNV



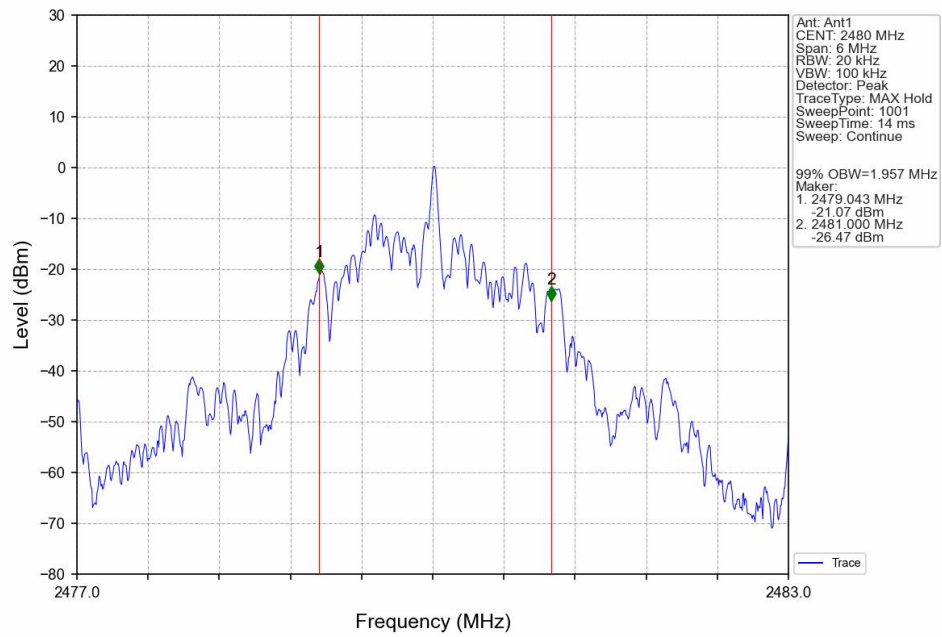
2M_LCH_2402MHz_Ant1_NTNV



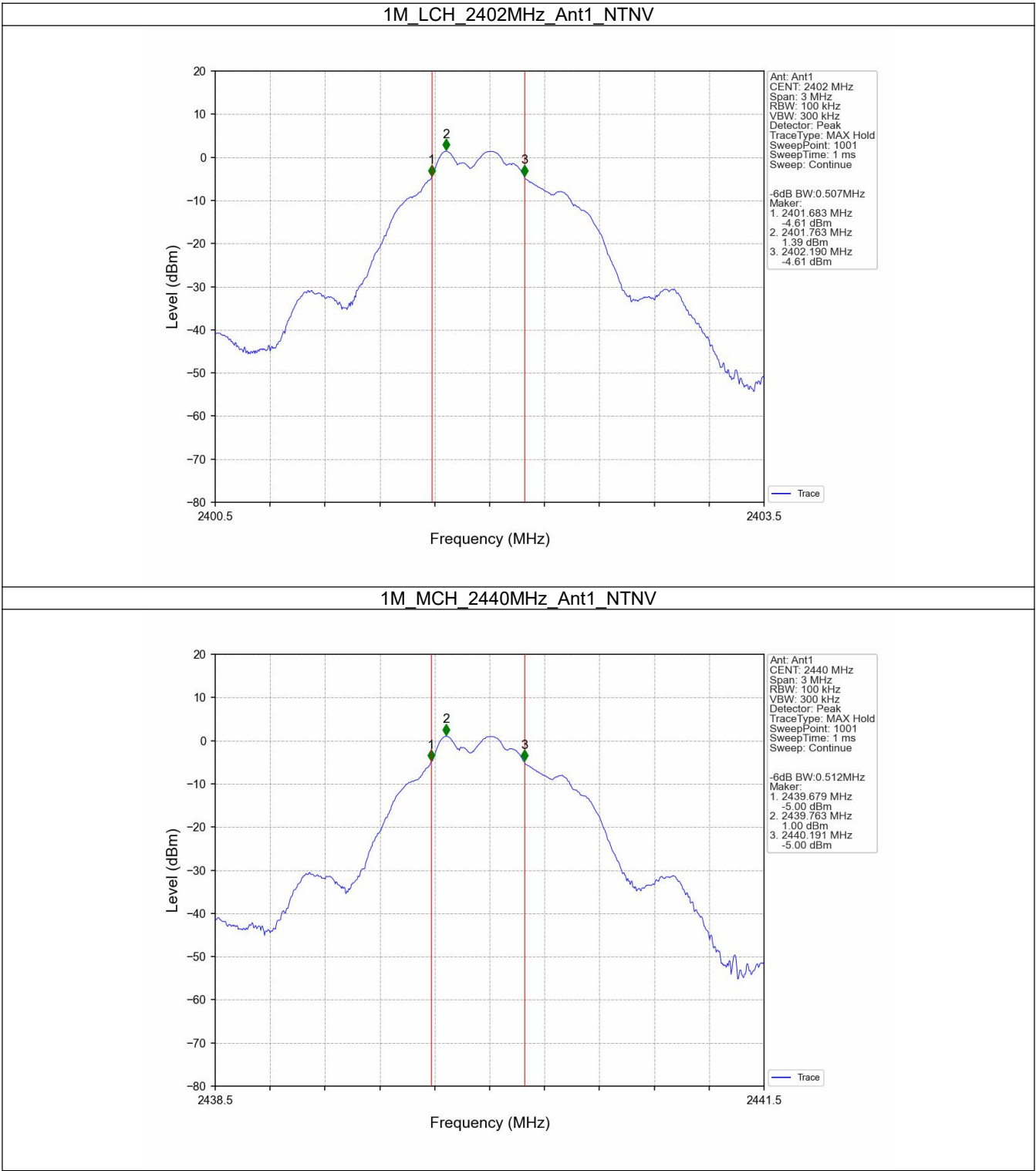
2M_MCH_2440MHz_Ant1_NTNV



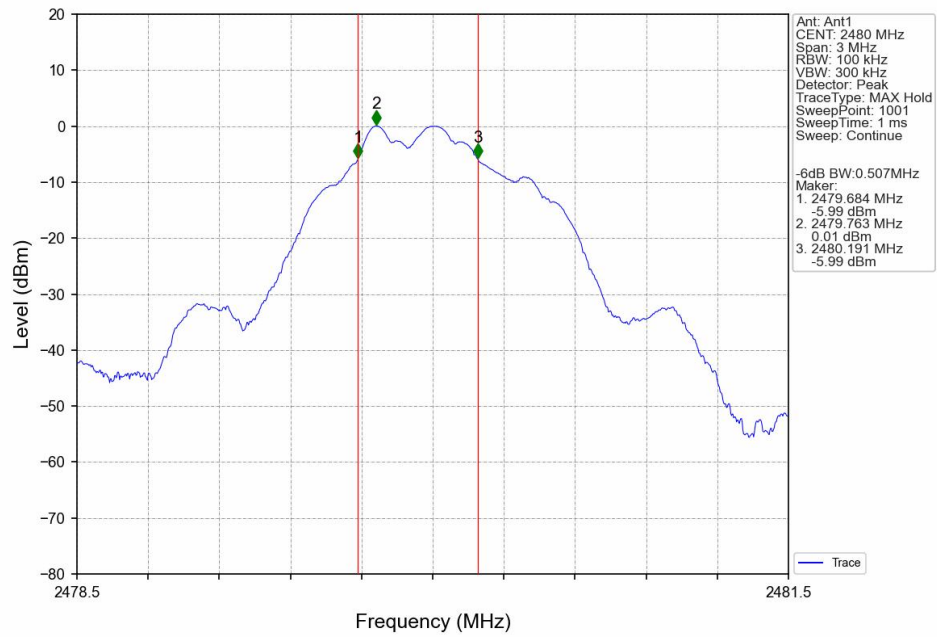
2M_HCH_2480MHz_Ant1_NTNV



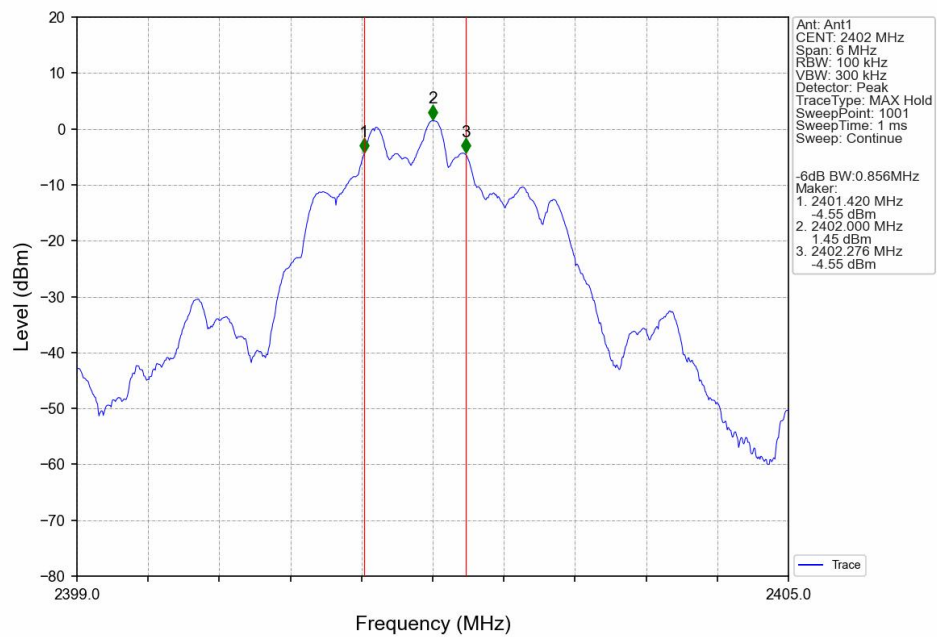
1.2.2 6dB BW



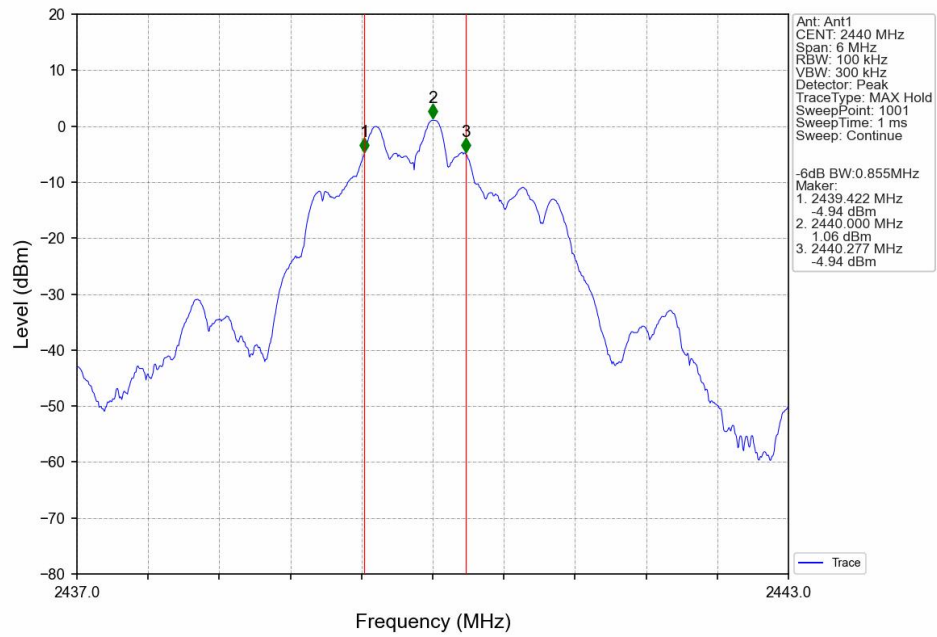
1M_HCH_2480MHz_Ant1_NTNV



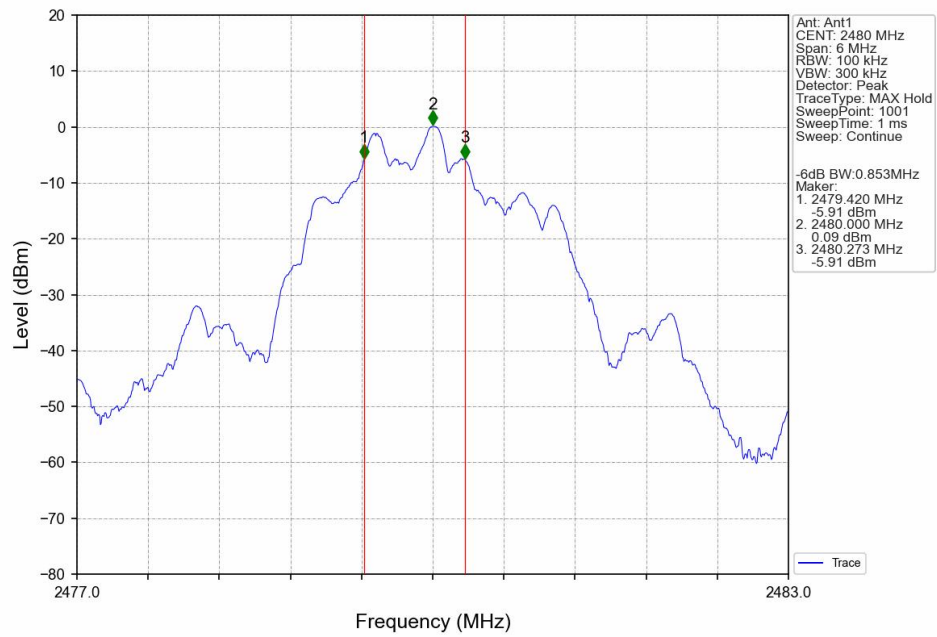
2M_LCH_2402MHz_Ant1_NTNV



2M_MCH_2440MHz_Ant1_NTNV



2M_HCH_2480MHz_Ant1_NTNV



2. Maximum Conducted Output Power

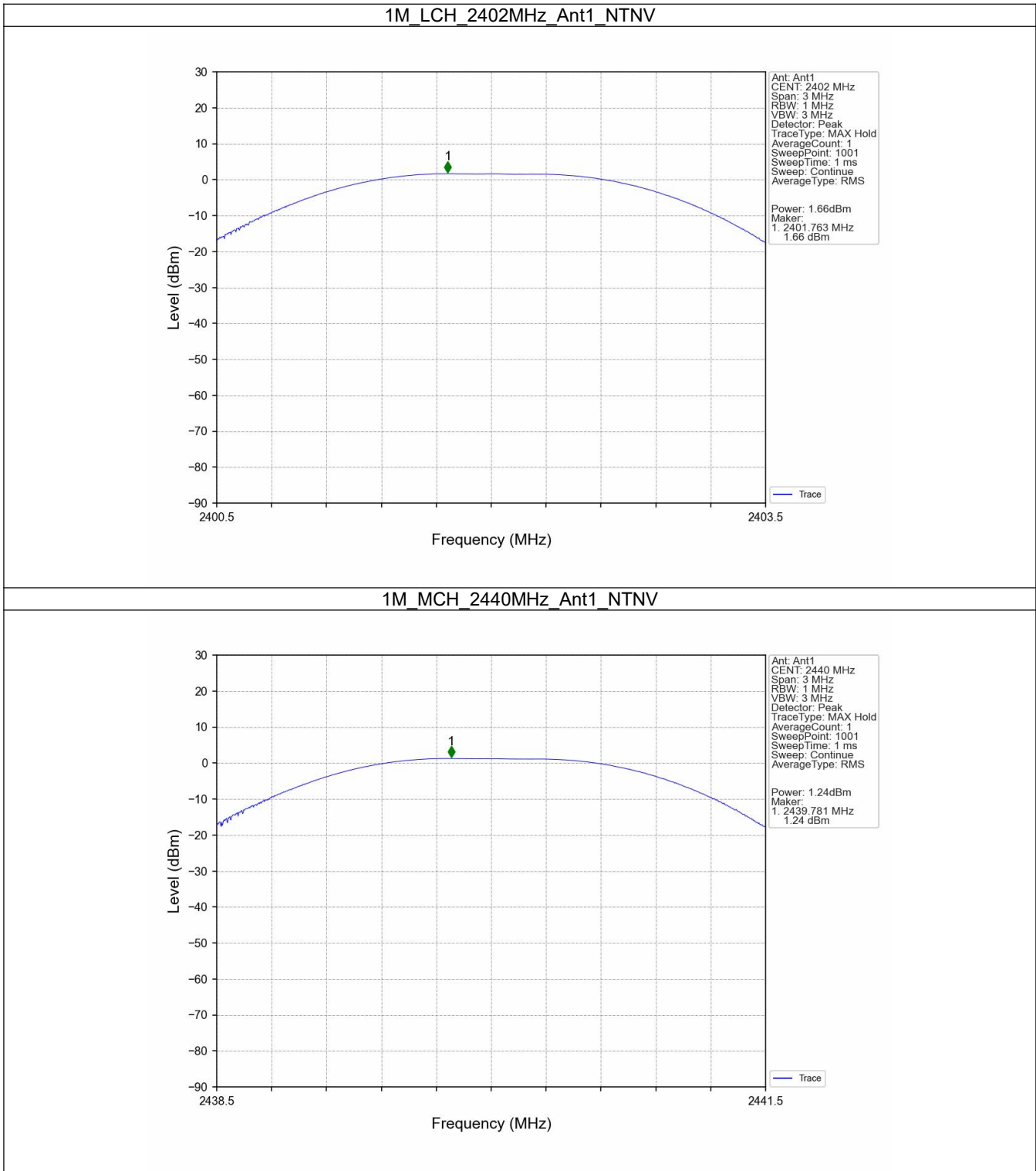
2.1 Test Result

2.1.1 Power

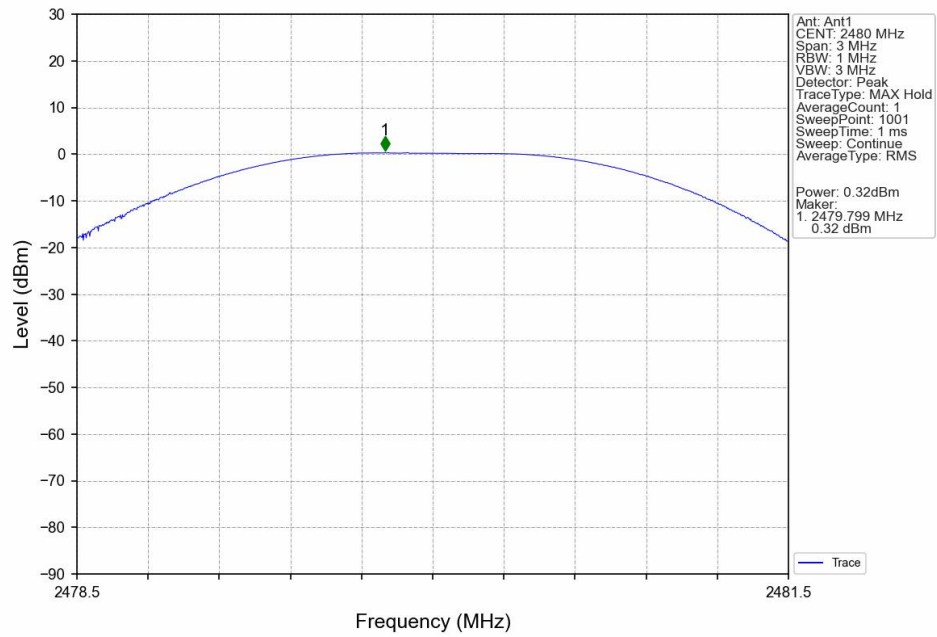
Mode	TX Type	Frequency (MHz)	Maximum Peak Conducted Output Power (dBm)		Verdict
			ANT1	Limit	
1M	SISO	2402	1.66	<=30	Pass
		2440	1.24	<=30	Pass
		2480	0.32	<=30	Pass
2M	SISO	2402	1.71	<=30	Pass
		2440	1.33	<=30	Pass
		2480	0.35	<=30	Pass
Note1: Antenna Gain: Ant1: 2.00dBi:					

2.2 Test Graph

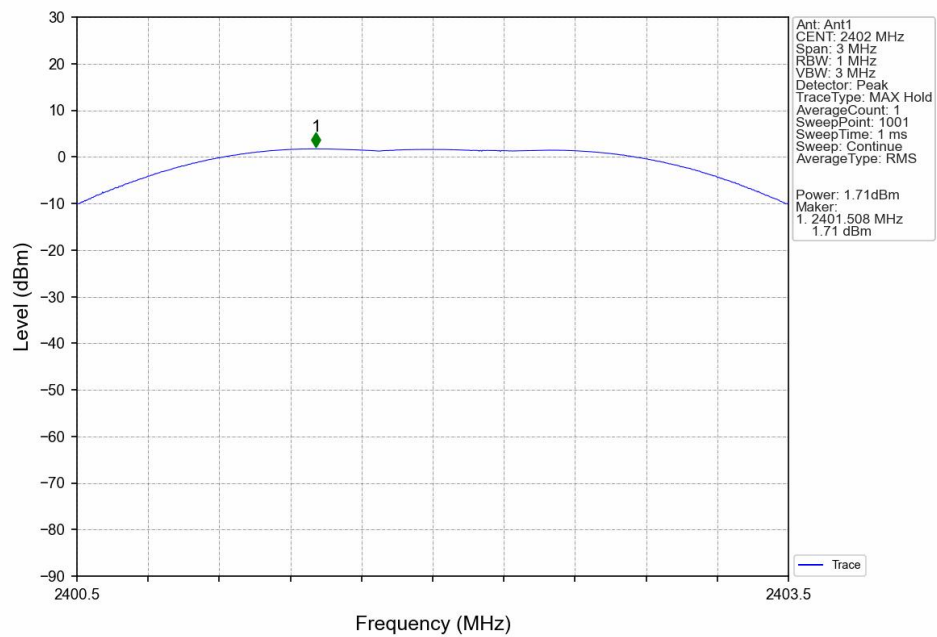
2.2.1 Power



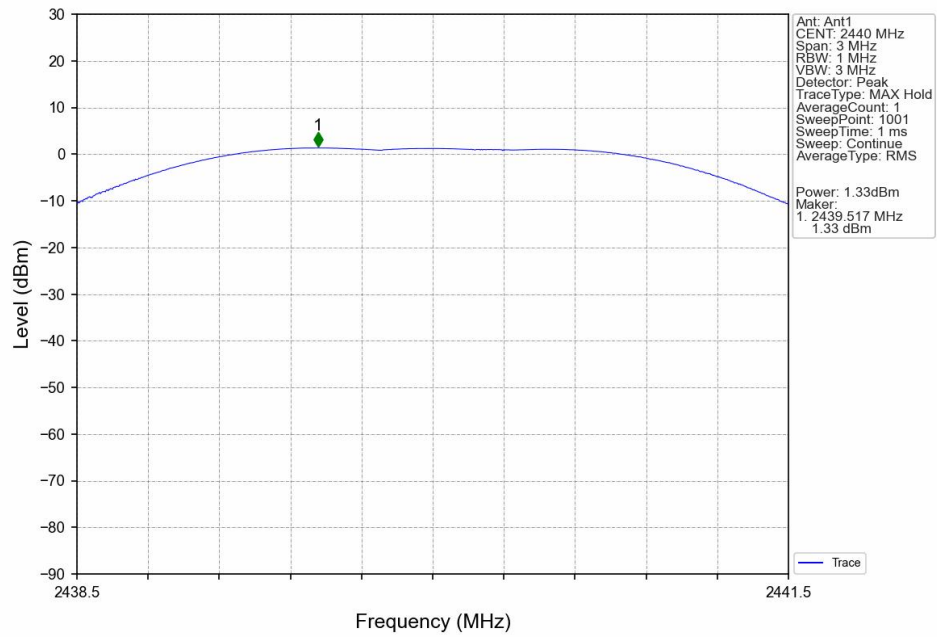
1M_HCH_2480MHz_Ant1_NTNV



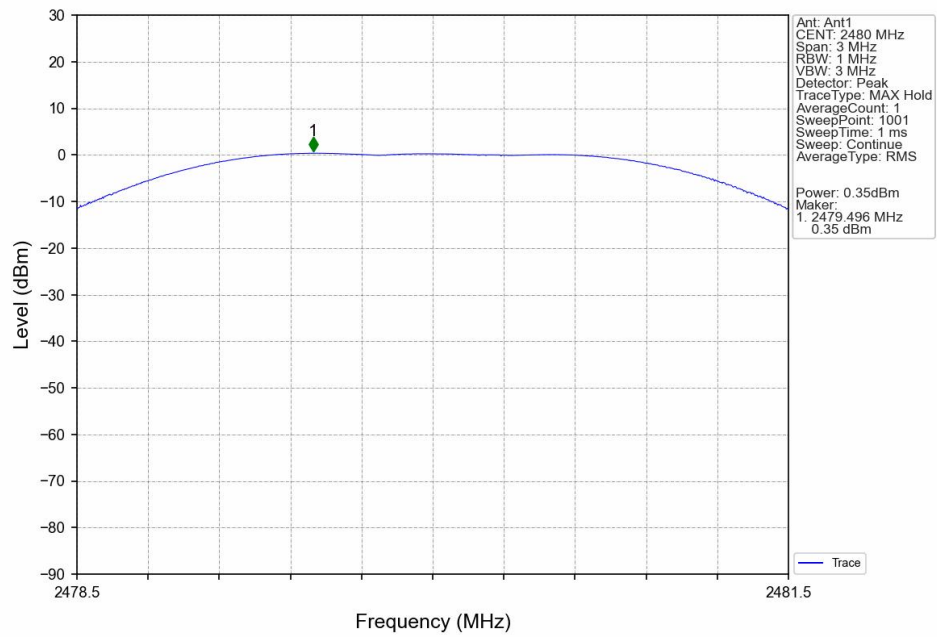
2M_LCH_2402MHz_Ant1_NTNV



2M_MCH_2440MHz_Ant1_NTNV



2M_HCH_2480MHz_Ant1_NTNV



3. Maximum Power Spectral Density

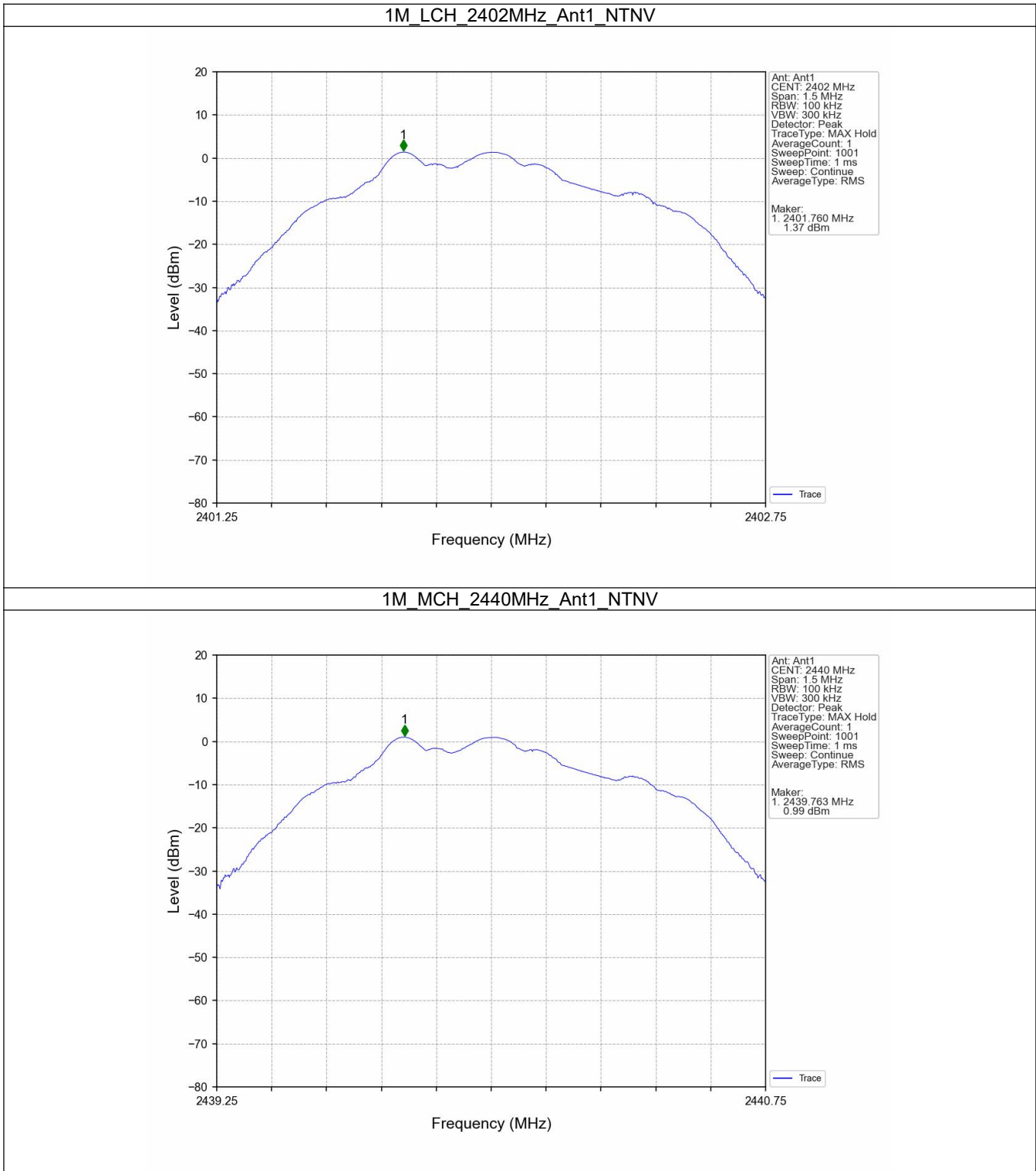
3.1 Test Result

3.1.1 PSD

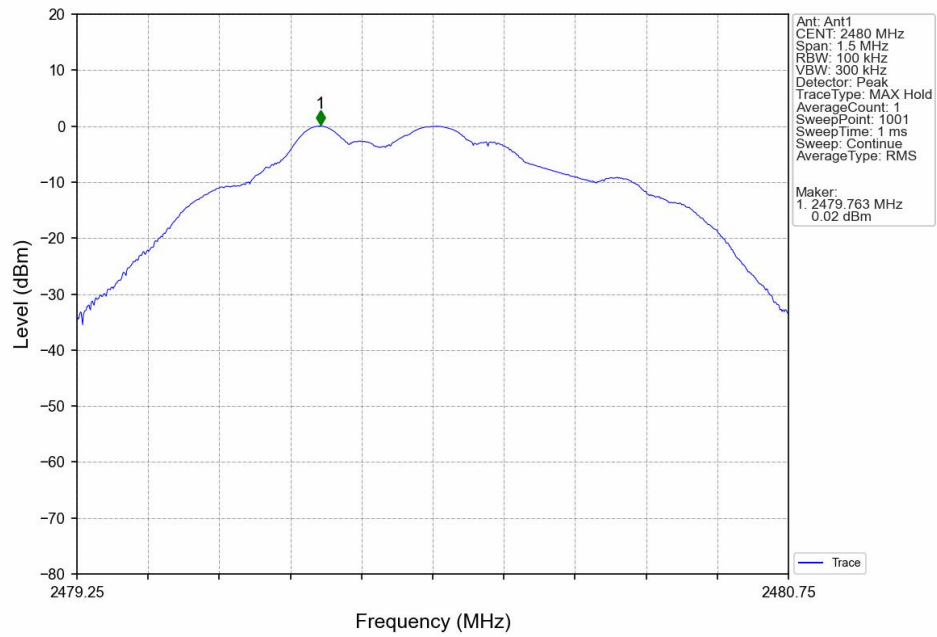
Mode	TX Type	Frequency (MHz)	Maximum PSD			Verdict
			ANT1 (dBm/100KHz)	ANT1 (dBm/3KHz)	Limit	
1M	SISO	2402	1.37	-13.86	<=8dBm/3KHz	Pass
		2440	0.99	-14.24	<=8dBm/3KHz	Pass
		2480	0.02	-15.21	<=8dBm/3KHz	Pass
2M	SISO	2402	1.37	-13.86	<=8dBm/3KHz	Pass
		2440	0.98	-14.25	<=8dBm/3KHz	Pass
		2480	0.01	-15.22	<=8dBm/3KHz	Pass
Note1: When converting from RBW=100 kHz to RBW=3 kHz, the reading theoretically needs to be directly subtracted by 15.23 dB						

3.2 Test Graph

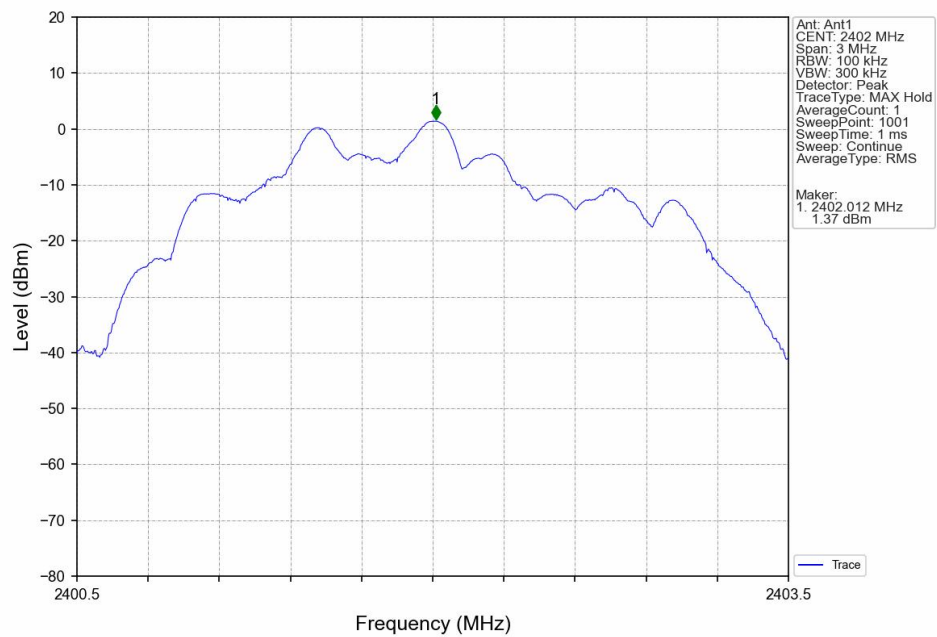
3.2.1 PSD



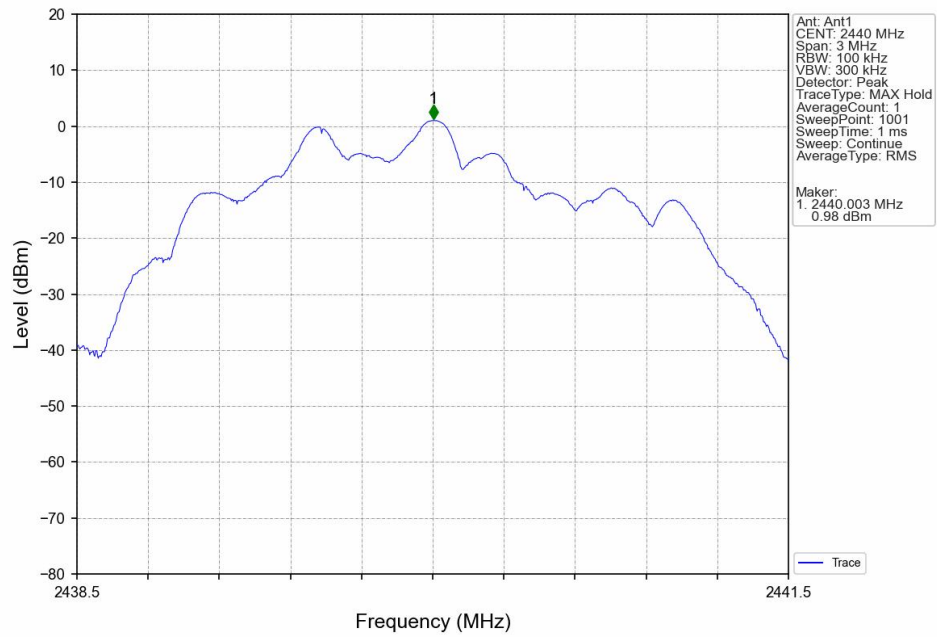
1M_HCH_2480MHz_Ant1_NTNV



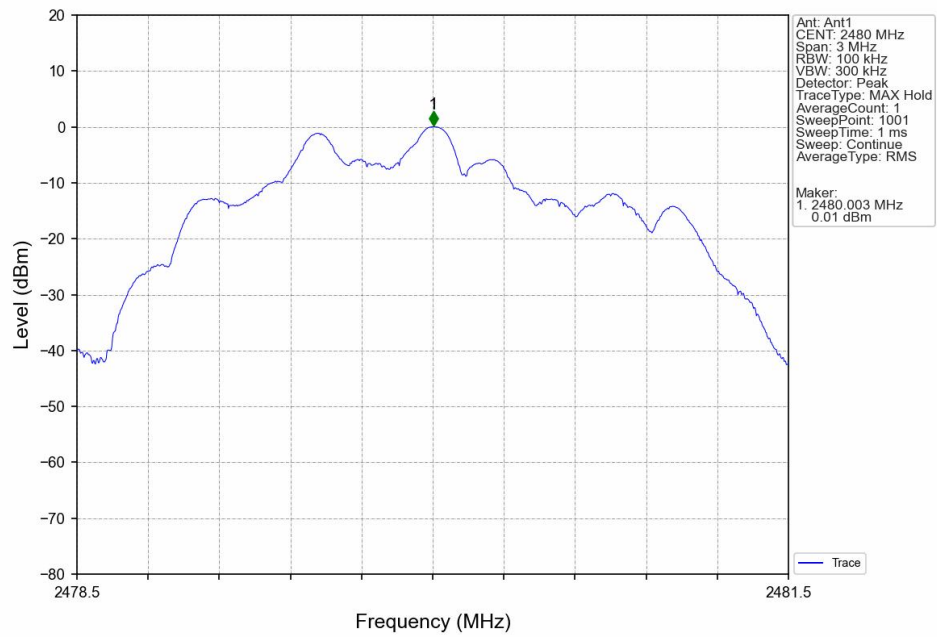
2M_LCH_2402MHz_Ant1_NTNV



2M_MCH_2440MHz_Ant1_NTNV



2M_HCH_2480MHz_Ant1_NTNV



4. Unwanted Emissions In Non-restricted Frequency Bands

4.1 Test Result

4.1.1 Ref

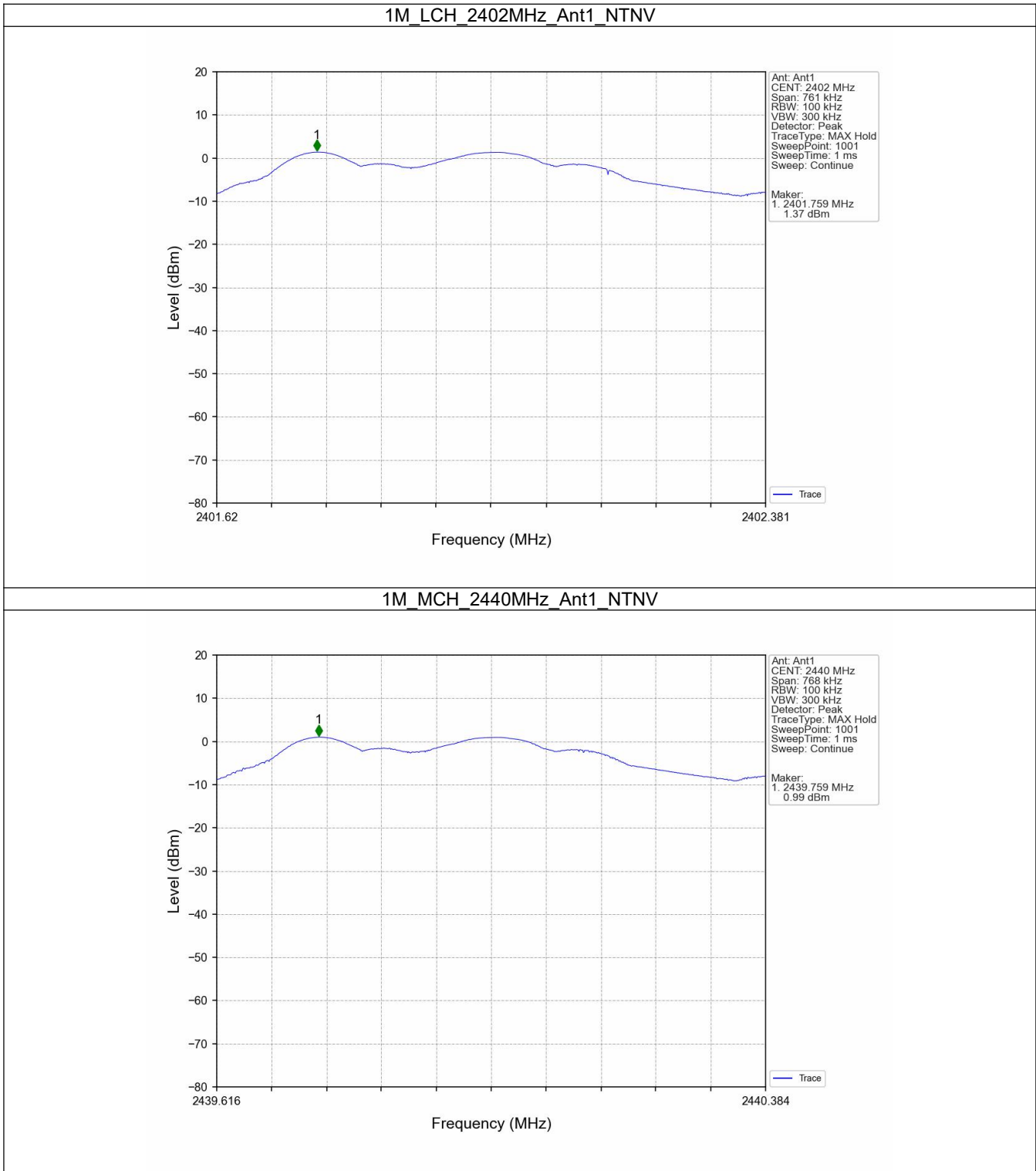
Mode	TX Type	Frequency (MHz)	ANT	Level of Reference (dBm)
1M	SISO	2402	1	1.37
		2440	1	0.99
		2480	1	0.00
2M	SISO	2402	1	1.35
		2440	1	0.96
		2480	1	-0.02

4.1.2 CSE

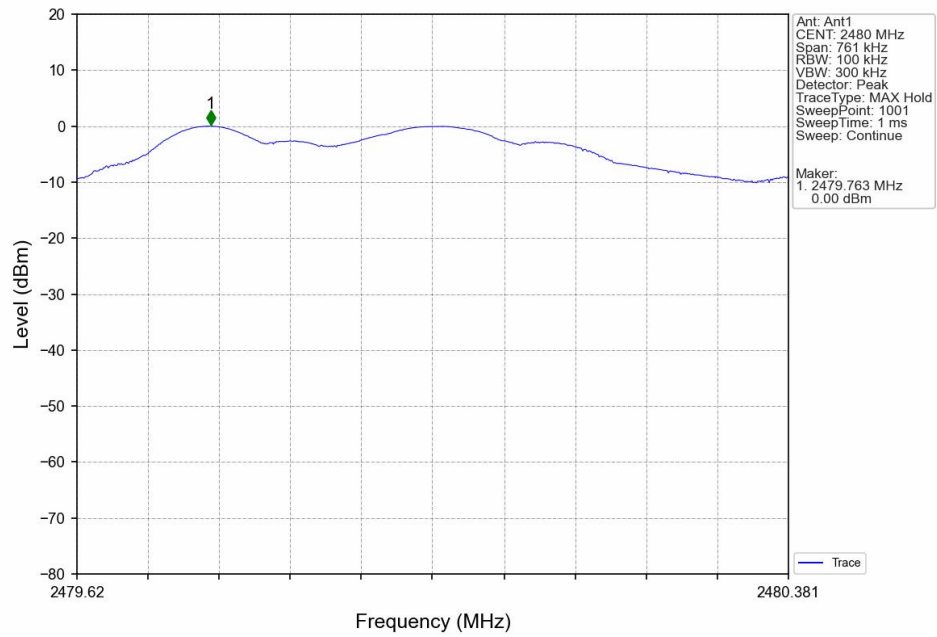
Mode	TX Type	Frequency (MHz)	ANT	Level of Reference (dBm)	Limit (dBm)	Verdict
1M	SISO	2402	1	1.37	-18.63	Pass
		2440	1	1.37	-18.63	Pass
		2480	1	1.37	-18.63	Pass
2M	SISO	2402	1	1.35	-18.65	Pass
		2440	1	1.35	-18.65	Pass
		2480	1	1.35	-18.65	Pass

4.2 Test Graph

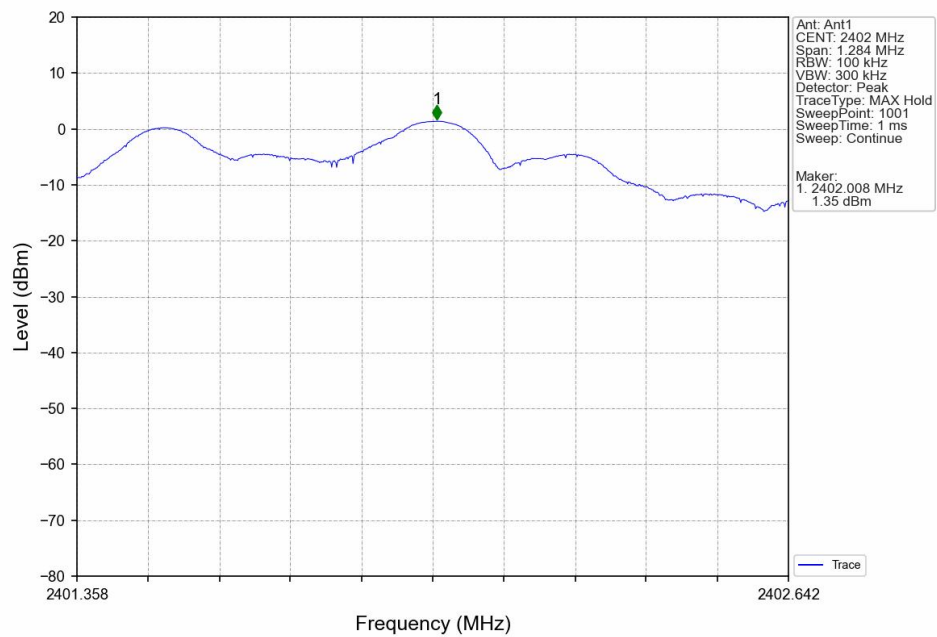
4.2.1 Ref



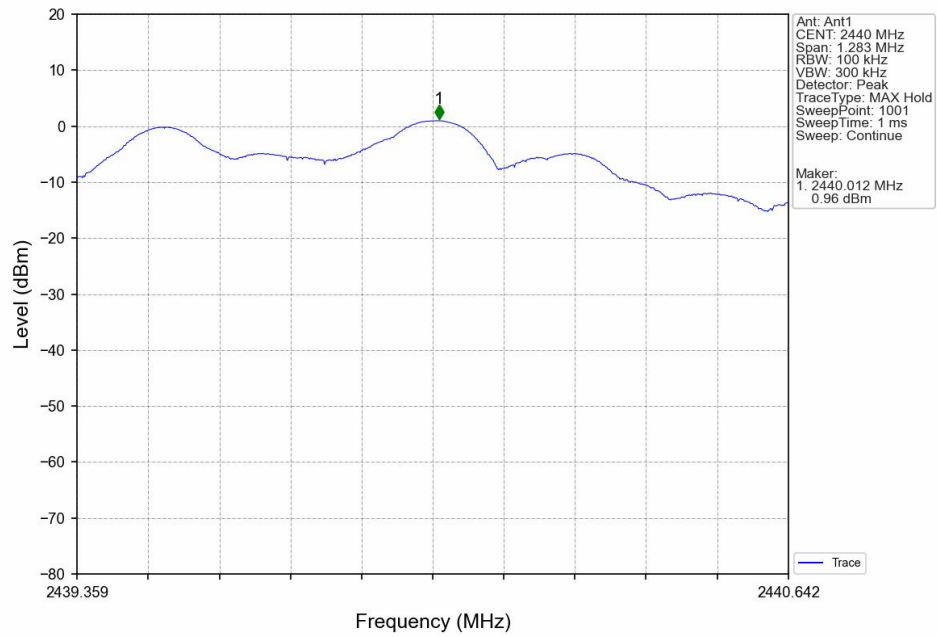
1M_HCH_2480MHz_Ant1_NTNV



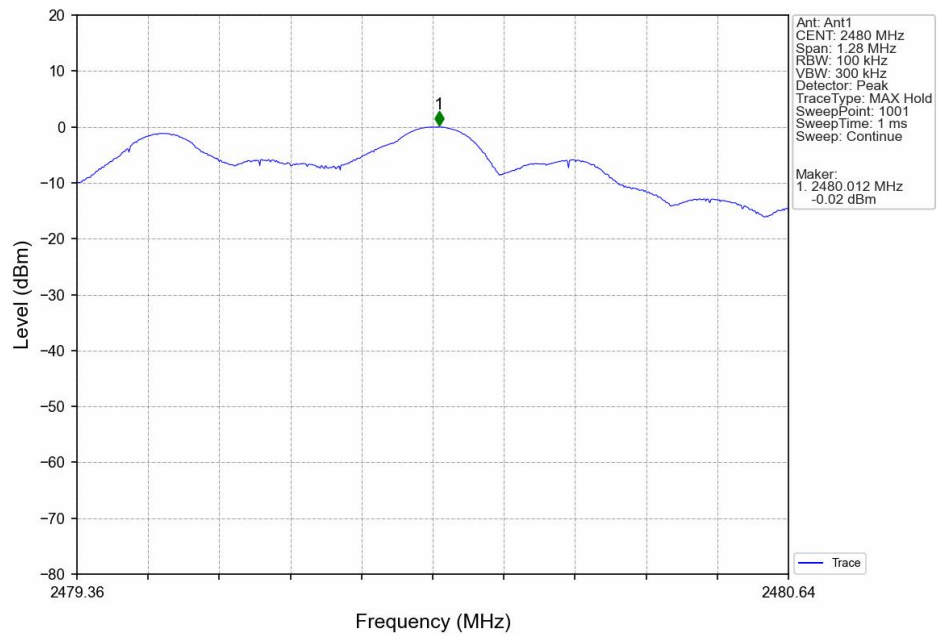
2M_LCH_2402MHz_Ant1_NTNV



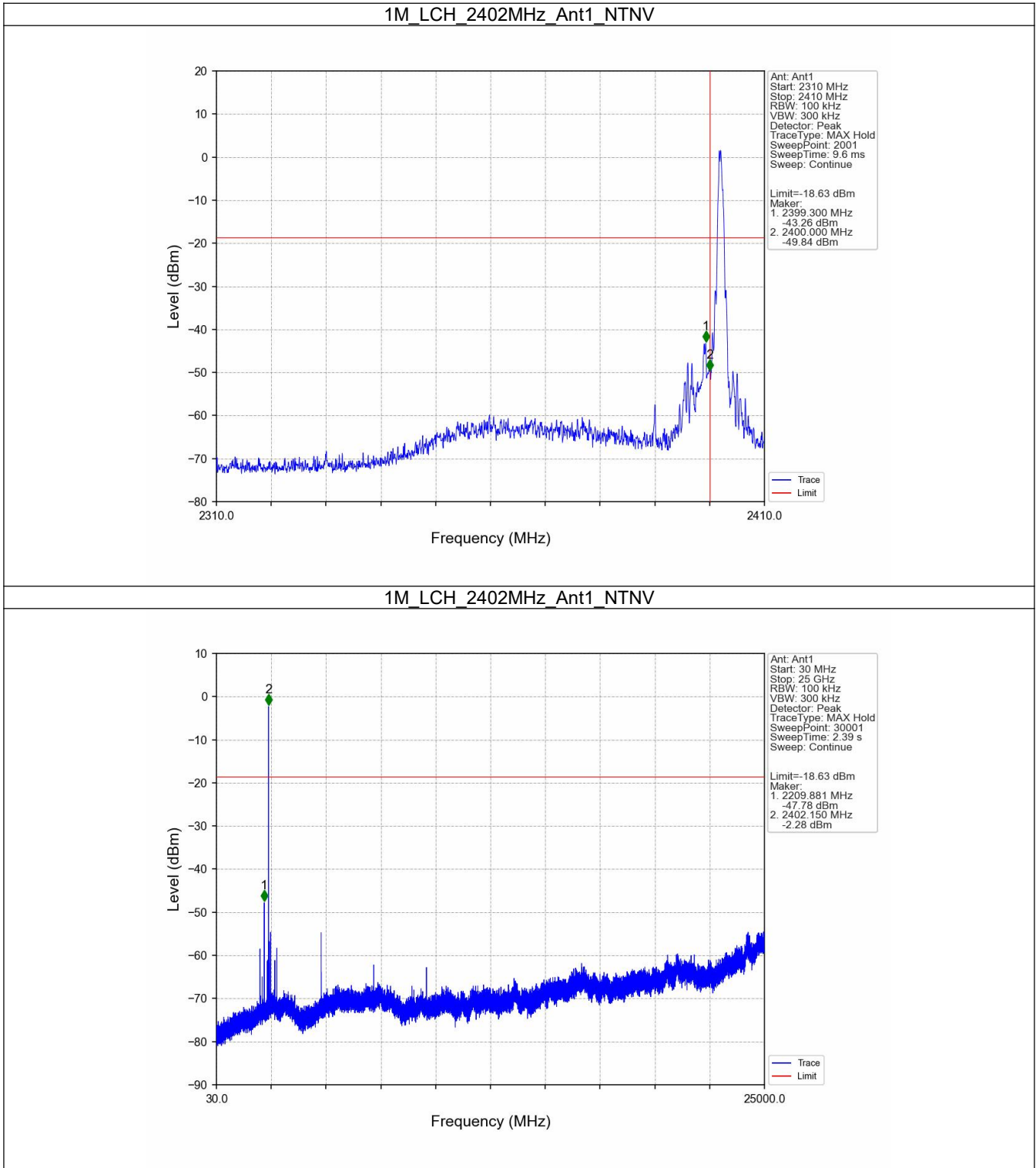
2M_MCH_2440MHz_Ant1_NTNV



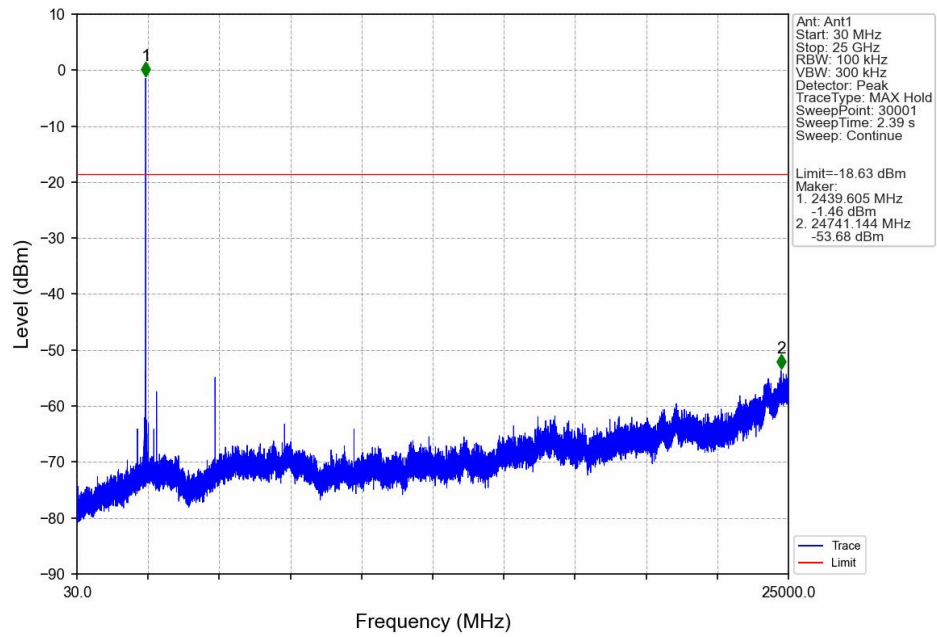
2M_HCH_2480MHz_Ant1_NTNV



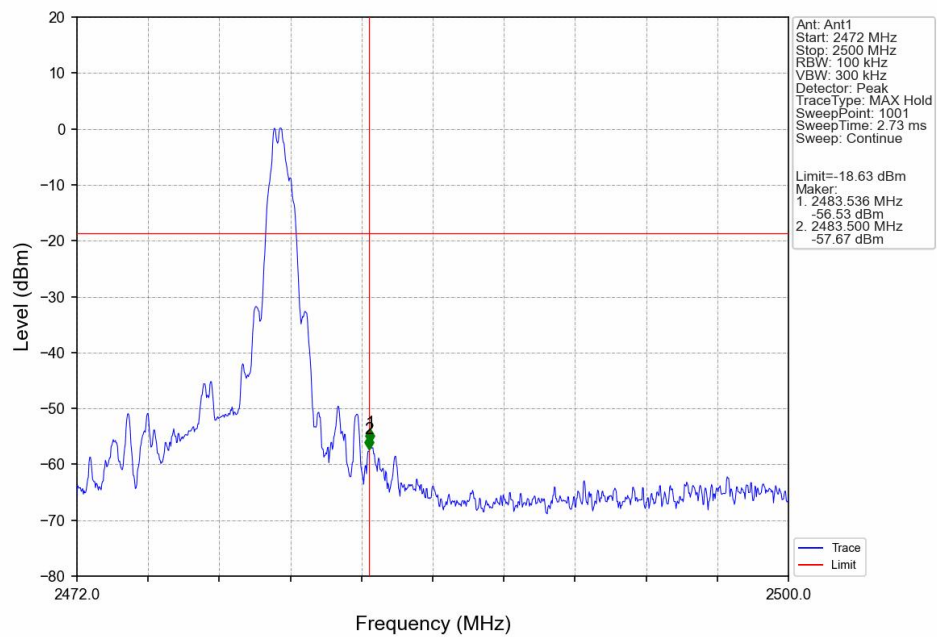
4.2.2 CSE



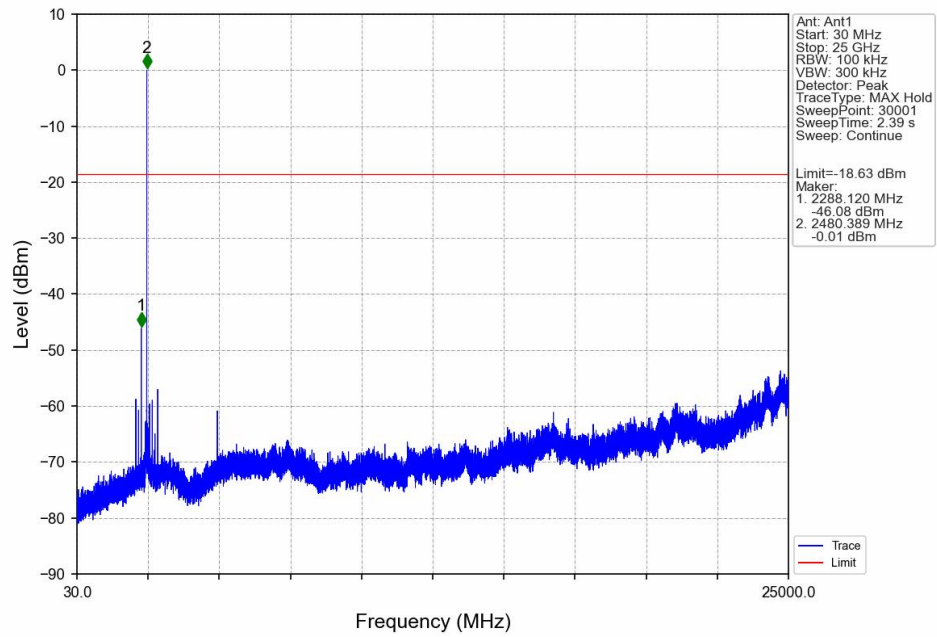
1M_MCH_2440MHz_Ant1_NTNV



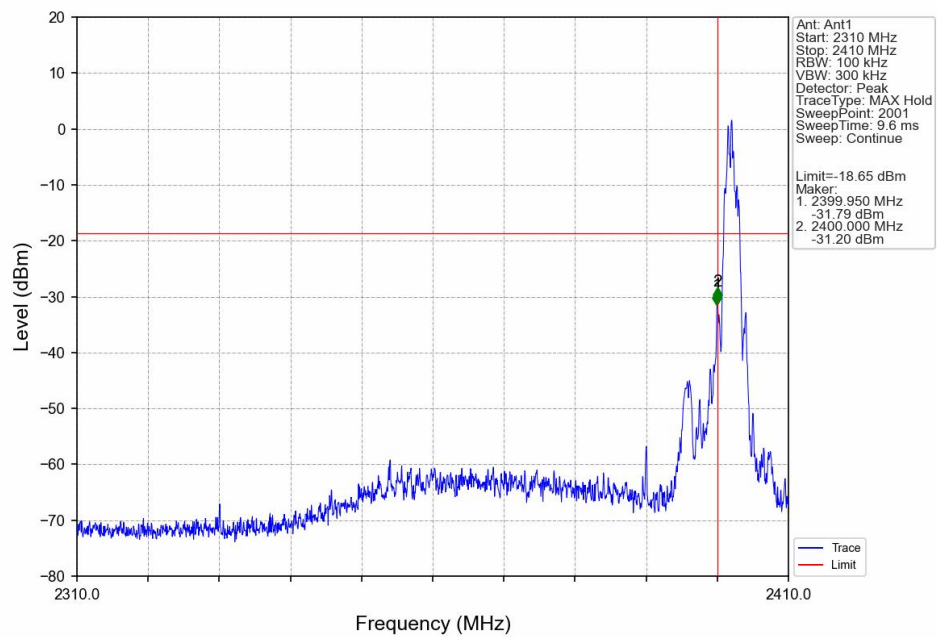
1M_HCH_2480MHz_Ant1_NTNV



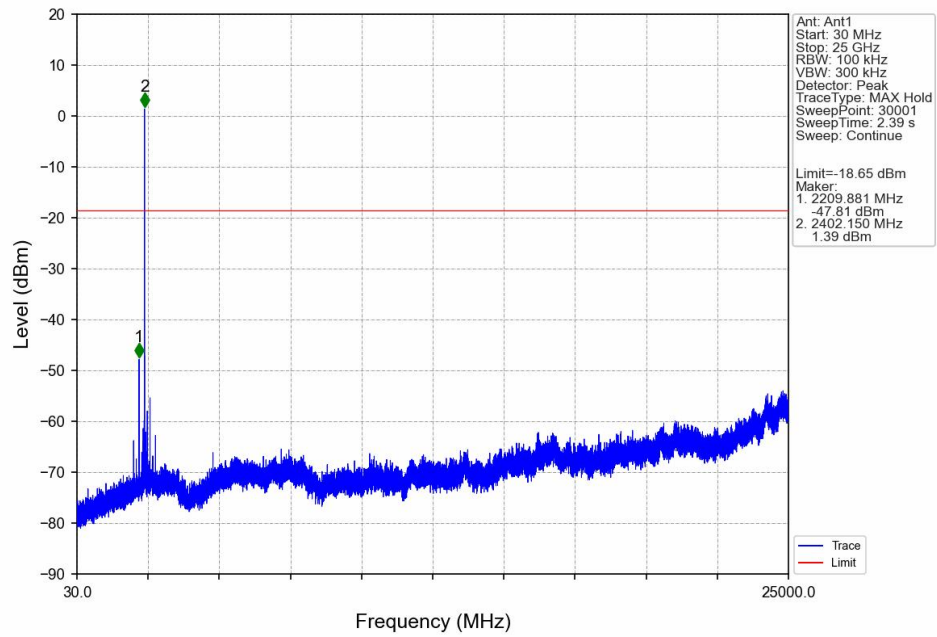
1M_HCH_2480MHz_Ant1_NTNV



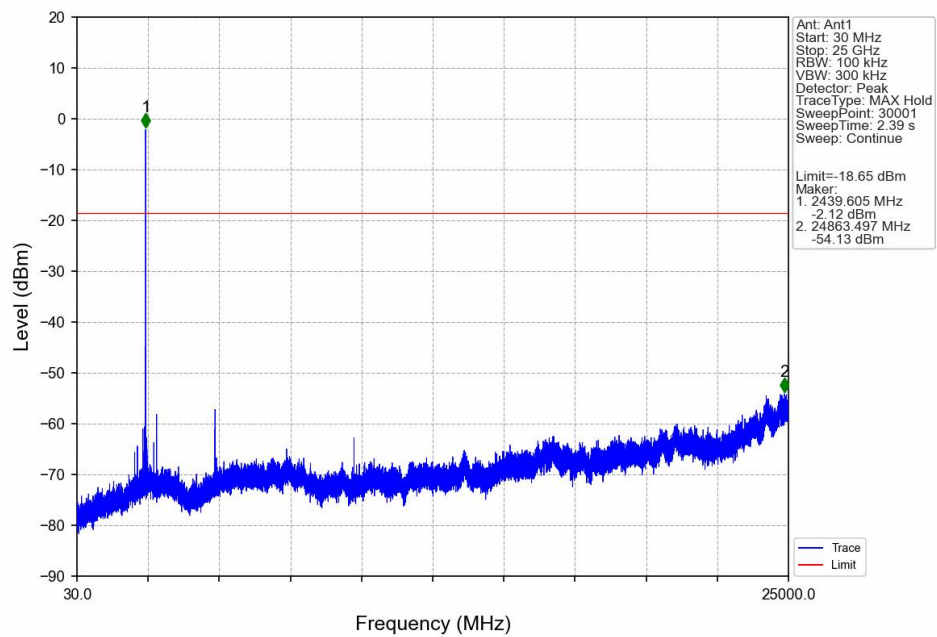
2M_LCH_2402MHz_Ant1_NTNV



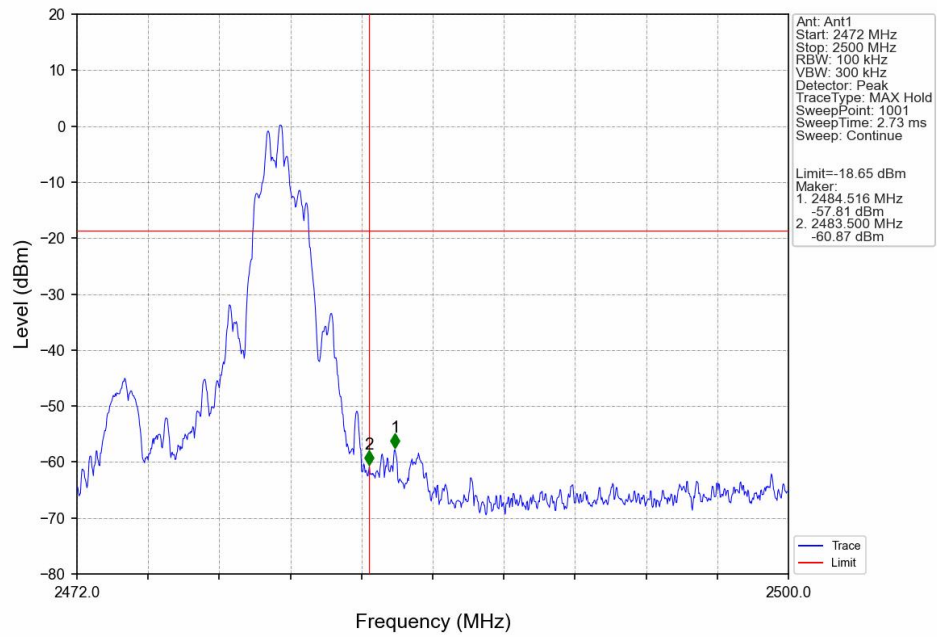
2M_LCH_2402MHz_Ant1_NTNV



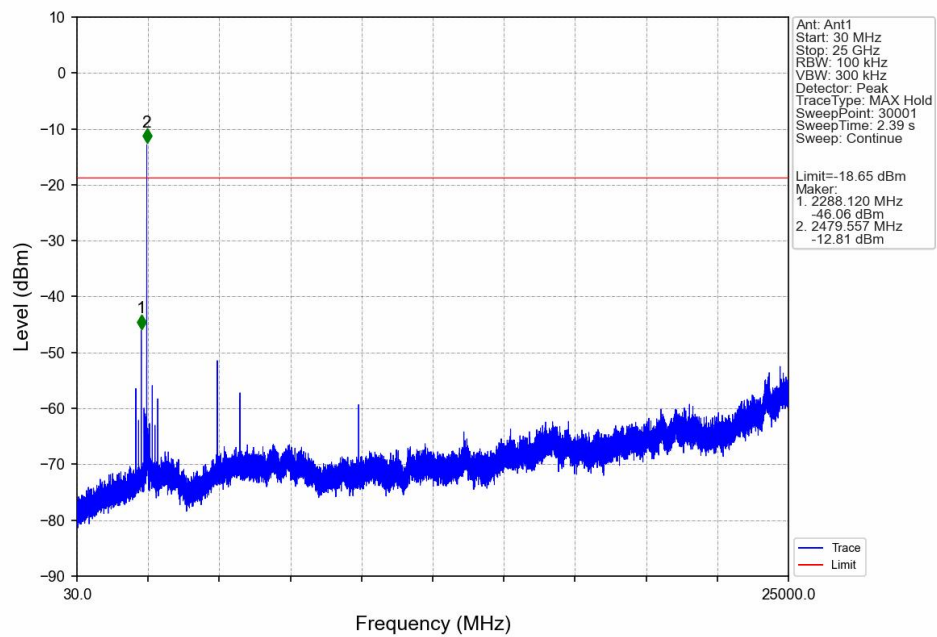
2M_MCH_2440MHz_Ant1_NTNV



2M_HCH_2480MHz_Ant1_NTNV



2M_HCH_2480MHz_Ant1_NTNV



5. Unwanted Emissions In Restricted Frequency Bands

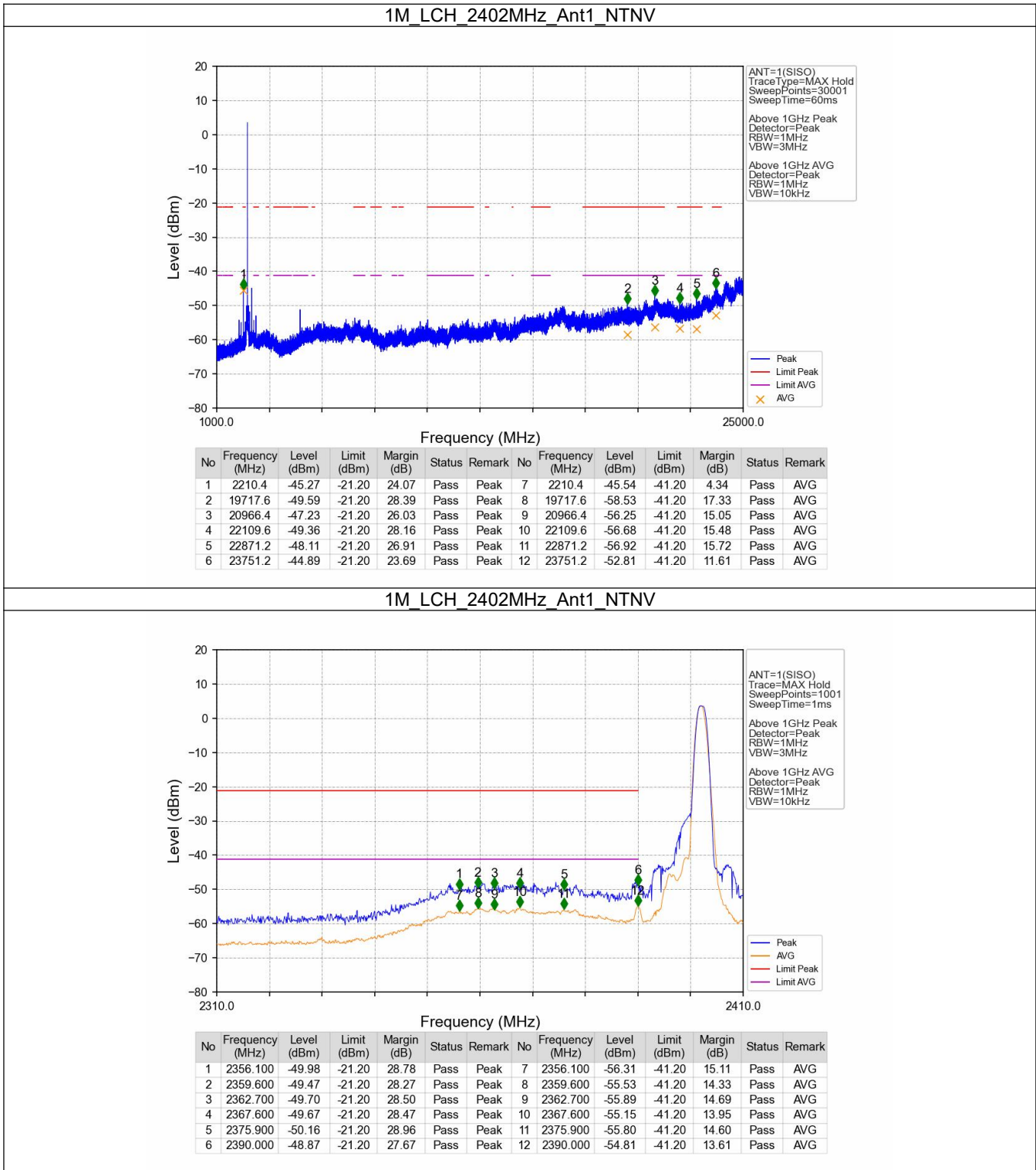
5.1 Test Result

5.1.1 RSE

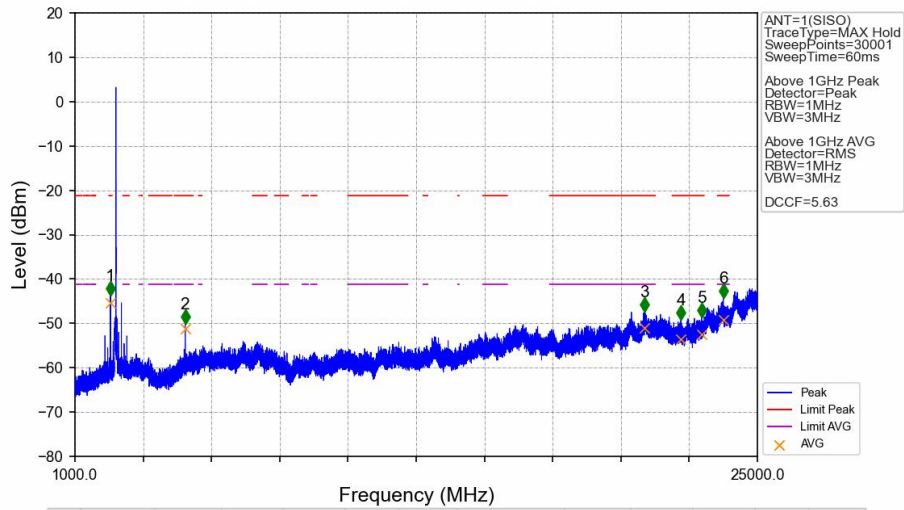
Mode	TX Type	Frequency (MHz)	ANT	Level of Unwanted Emissions (dBm)		Verdict
				Result	Limit	
1M	SISO	2402	1	Refer To Test Graph		Pass
		2440	1	Refer To Test Graph		Pass
		2480	1	Refer To Test Graph		Pass
2M	SISO	2402	1	Refer To Test Graph		Pass
		2440	1	Refer To Test Graph		Pass
		2480	1	Refer To Test Graph		Pass

5.2 Test Graph

5.2.1 RSE

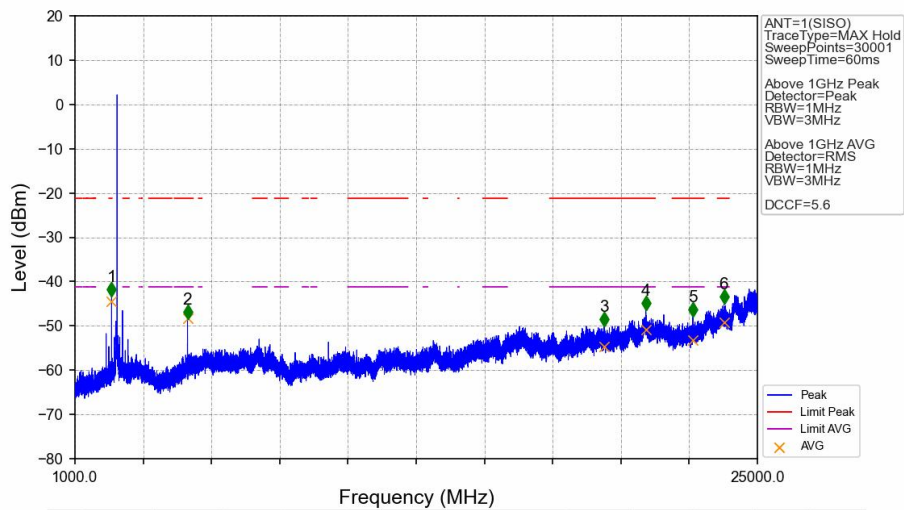


1M_MCH_2440MHz_Ant1_NTNV



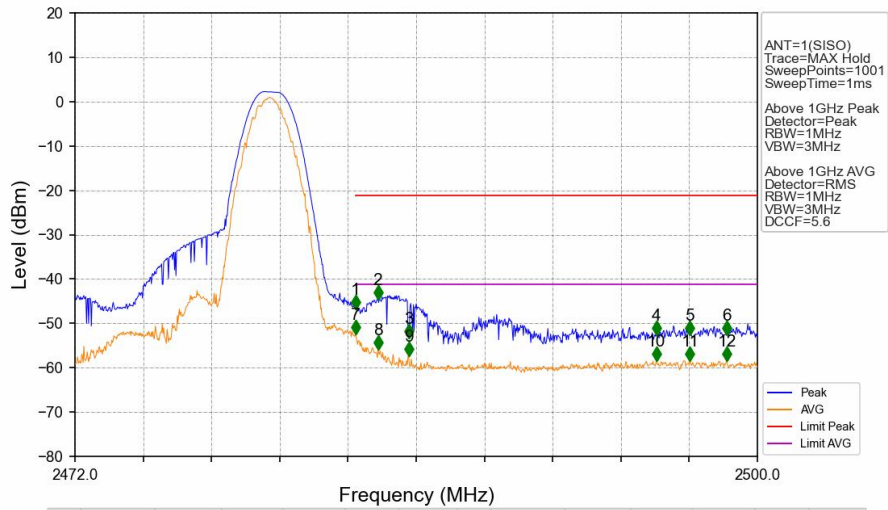
No	Frequency (MHz)	Level (dBm)	Limit (dBm)	Margin (dB)	Status	Remark	No	Frequency (MHz)	Level (dBm)	Limit (dBm)	Margin (dB)	Status	Remark
1	2248	-43.77	-21.20	22.57	Pass	Peak	7	2248	-45.43	-41.20	4.23	Pass	AVG
2	4876.8	-50.06	-21.20	28.86	Pass	Peak	8	4876.8	-51.25	-41.20	10.05	Pass	AVG
3	21036	-47.33	-21.20	26.13	Pass	Peak	9	21036	-51.12	-41.20	9.92	Pass	AVG
4	22308	-49.08	-21.20	27.88	Pass	Peak	10	22308	-53.55	-41.20	12.35	Pass	AVG
5	23036.8	-48.65	-21.20	27.45	Pass	Peak	11	23036.8	-52.46	-41.20	11.26	Pass	AVG
6	23800	-44.24	-21.20	23.04	Pass	Peak	12	23800	-49.18	-41.20	7.98	Pass	AVG

1M_HCH_2480MHz_Ant1_NTNV



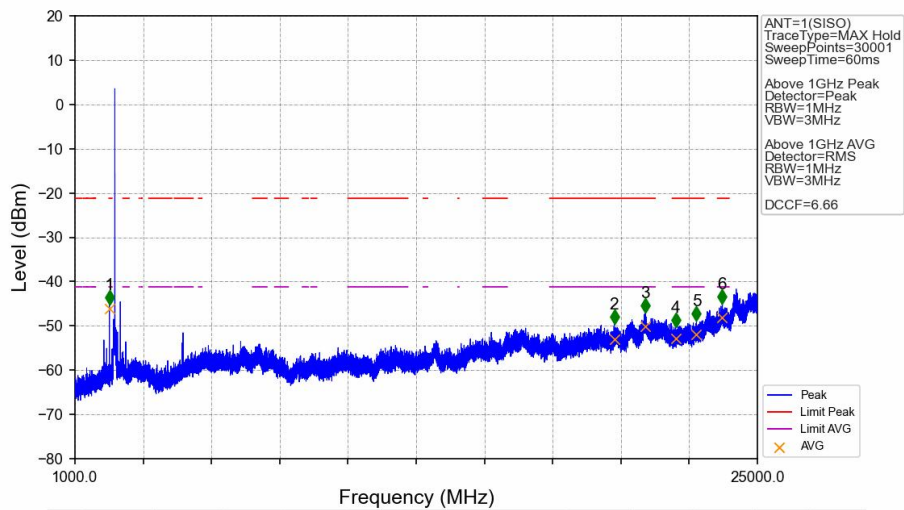
No	Frequency (MHz)	Level (dBm)	Limit (dBm)	Margin (dB)	Status	Remark	No	Frequency (MHz)	Level (dBm)	Limit (dBm)	Margin (dB)	Status	Remark
1	2288.8	-43.39	-21.20	22.19	Pass	Peak	7	2288.8	-44.41	-41.20	3.21	Pass	AVG
2	4957.6	-48.40	-21.20	27.20	Pass	Peak	8	4957.6	-48.33	-41.20	7.13	Pass	AVG
3	19611.2	-49.99	-21.20	28.79	Pass	Peak	9	19611.2	-54.60	-41.20	13.40	Pass	AVG
4	21072	-46.45	-21.20	25.25	Pass	Peak	10	21072	-50.91	-41.20	9.71	Pass	AVG
5	22729.6	-47.86	-21.20	26.66	Pass	Peak	11	22729.6	-53.26	-41.20	12.06	Pass	AVG
6	23823.2	-44.99	-21.20	23.79	Pass	Peak	12	23823.2	-49.27	-41.20	8.07	Pass	AVG

1M_HCH_2480MHz_Ant1_NTNV



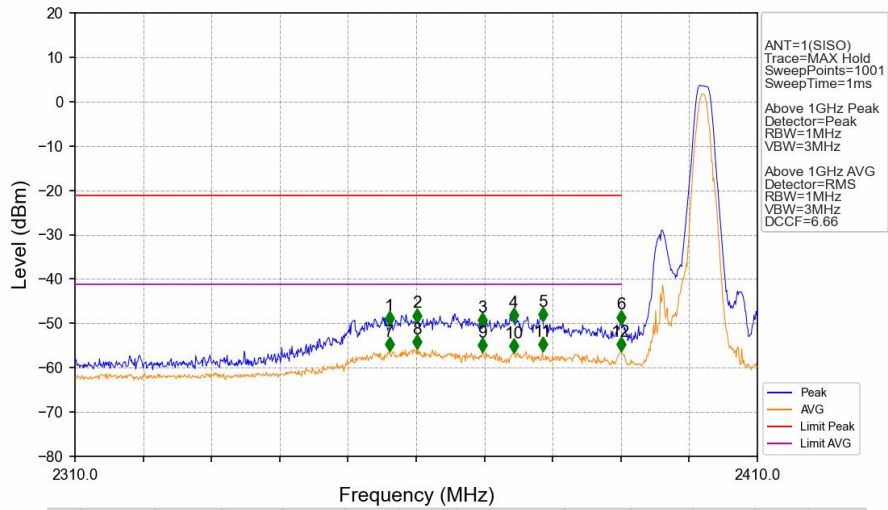
No	Frequency (MHz)	Level (dBm)	Limit (dBm)	Margin (dB)	Status	Remark	No	Frequency (MHz)	Level (dBm)	Limit (dBm)	Margin (dB)	Status	Remark
1	2483.508	-46.78	-21.20	25.58	Pass	Peak	7	2483.508	-52.41	-41.20	11.21	Pass	AVG
2	2484.432	-44.60	-21.20	23.40	Pass	Peak	8	2484.432	-55.98	-41.20	14.78	Pass	AVG
3	2485.692	-53.41	-21.20	32.21	Pass	Peak	9	2485.692	-57.31	-41.20	16.11	Pass	AVG
4	2495.856	-52.67	-21.20	31.47	Pass	Peak	10	2495.856	-58.37	-41.20	17.17	Pass	AVG
5	2497.228	-52.54	-21.20	31.34	Pass	Peak	11	2497.228	-58.41	-41.20	17.21	Pass	AVG
6	2498.740	-52.61	-21.20	31.41	Pass	Peak	12	2498.740	-58.47	-41.20	17.27	Pass	AVG

2M_LCH_2402MHz_Ant1_NTNV



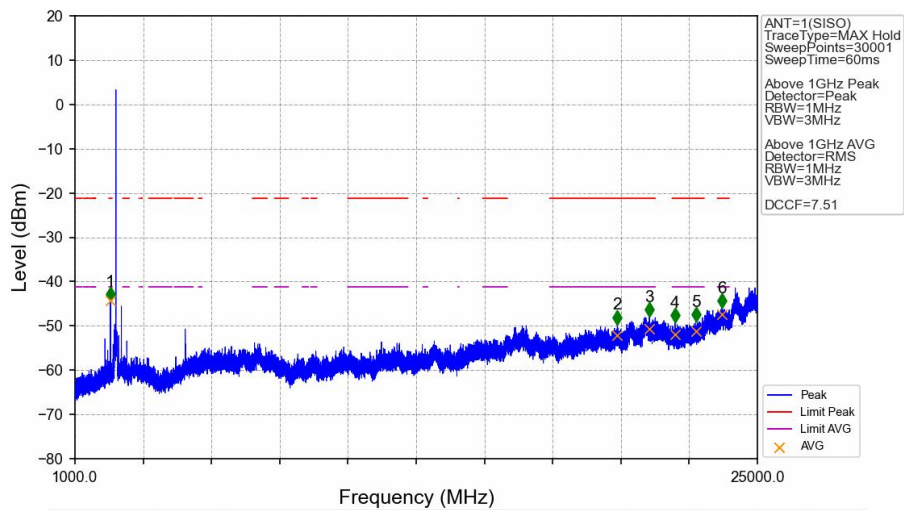
No	Frequency (MHz)	Level (dBm)	Limit (dBm)	Margin (dB)	Status	Remark	No	Frequency (MHz)	Level (dBm)	Limit (dBm)	Margin (dB)	Status	Remark
1	2210.4	-45.08	-21.20	23.88	Pass	Peak	7	2210.4	-46.10	-41.20	4.90	Pass	AVG
2	19968.8	-49.52	-21.20	28.32	Pass	Peak	8	19968.8	-53.10	-41.20	11.90	Pass	AVG
3	21062.4	-46.98	-21.20	25.78	Pass	Peak	9	21062.4	-50.07	-41.20	8.87	Pass	AVG
4	22122.4	-50.27	-21.20	29.07	Pass	Peak	10	22122.4	-52.84	-41.20	11.64	Pass	AVG
5	22857.6	-48.78	-21.20	27.58	Pass	Peak	11	22857.6	-52.03	-41.20	10.83	Pass	AVG
6	23763.2	-45.00	-21.20	23.80	Pass	Peak	12	23763.2	-48.16	-41.20	6.96	Pass	AVG

2M_LCH_2402MHz_Ant1_NTNV



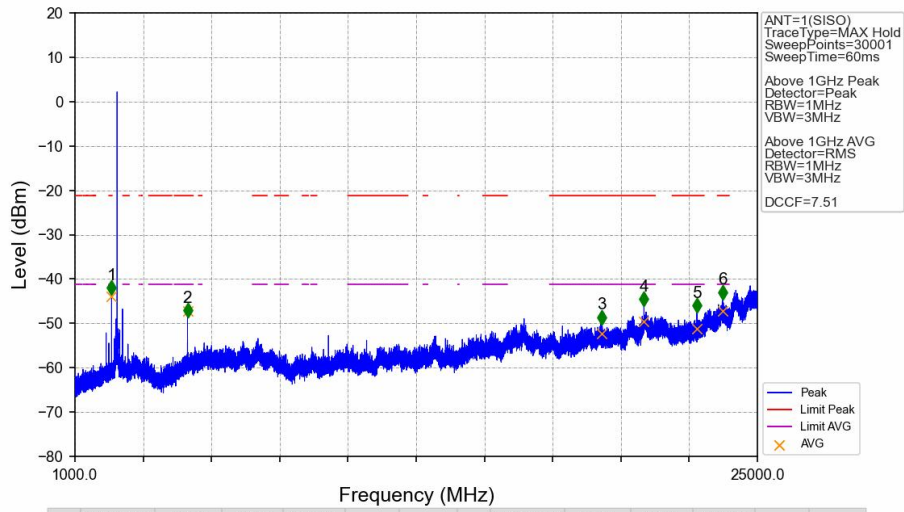
No	Frequency (MHz)	Level (dBm)	Limit (dBm)	Margin (dB)	Status	Remark	No	Frequency (MHz)	Level (dBm)	Limit (dBm)	Margin (dB)	Status	Remark
7	2356.100	-56.26	-41.20	15.06	Pass	AVG	8	2360.100	-55.69	-41.20	14.49	Pass	AVG
9	2369.700	-56.40	-41.20	15.20	Pass	AVG	10	2374.300	-56.58	-41.20	15.38	Pass	AVG
11	2378.500	-56.29	-41.20	15.09	Pass	AVG	12	2390.000	-56.24	-41.20	15.04	Pass	AVG

2M_MCH_2440MHz_Ant1_NTNV



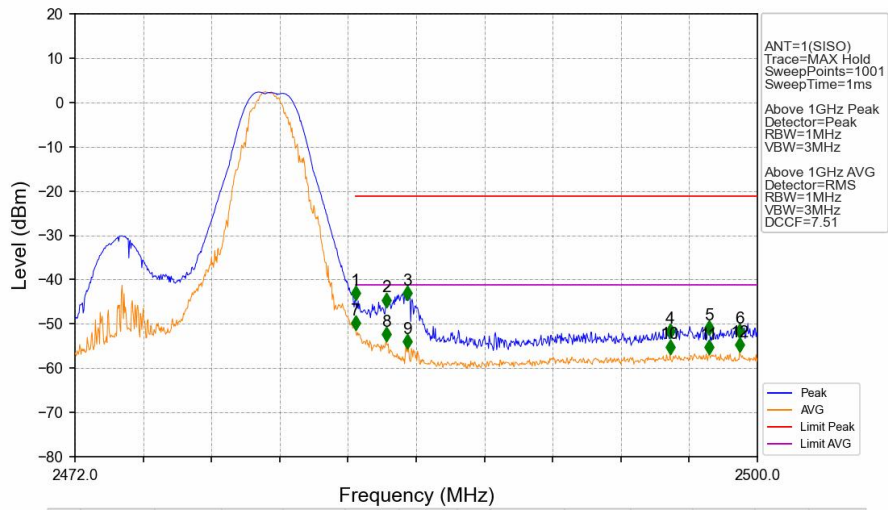
No	Frequency (MHz)	Level (dBm)	Limit (dBm)	Margin (dB)	Status	Remark	No	Frequency (MHz)	Level (dBm)	Limit (dBm)	Margin (dB)	Status	Remark
7	2248	-44.30	-41.20	3.10	Pass	AVG	8	20073.6	-52.06	-41.20	10.86	Pass	AVG
9	21200.8	-50.70	-41.20	9.50	Pass	AVG	10	22103.2	-52.02	-41.20	10.82	Pass	AVG
11	22830.4	-51.22	-41.20	10.02	Pass	AVG	12	23745.6	-47.48	-41.20	6.28	Pass	AVG

2M_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	2288	-43.58	-21.20	22.38	Pass	Peak	7	2288	-43.88	-41.20	2.68	Pass	AVG
2	4957.6	-48.63	-21.20	27.43	Pass	Peak	8	4957.6	-47.15	-41.20	5.95	Pass	AVG
3	19524	-50.16	-21.20	28.96	Pass	Peak	9	19524	-52.37	-41.20	11.17	Pass	AVG
4	21010.4	-46.14	-21.20	24.94	Pass	Peak	10	21010.4	-49.52	-41.20	8.32	Pass	AVG
5	22871.2	-47.53	-21.20	26.33	Pass	Peak	11	22871.2	-51.19	-41.20	9.99	Pass	AVG
6	23776	-44.52	-21.20	23.32	Pass	Peak	12	23776	-47.19	-41.20	5.99	Pass	AVG

2M_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	-44.61	-21.20	23.41	Pass	Peak	7	2483.508	-51.27	-41.20	10.07	Pass	AVG
2	2484.768	-46.15	-21.20	24.95	Pass	Peak	8	2484.768	-53.98	-41.20	12.78	Pass	AVG
3	2485.636	-44.65	-21.20	23.45	Pass	Peak	9	2485.636	-55.50	-41.20	14.30	Pass	AVG
4	2496.416	-53.11	-21.20	31.91	Pass	Peak	10	2496.416	-56.72	-41.20	15.52	Pass	AVG
5	2498.012	-52.49	-21.20	31.29	Pass	Peak	11	2498.012	-56.74	-41.20	15.54	Pass	AVG
6	2499.272	-53.20	-21.20	32.00	Pass	Peak	12	2499.272	-56.23	-41.20	15.03	Pass	AVG

6. Form731

6.1 Test Result

6.1.1 Form731

Lower Freq (MHz)	High Freq (MHz)	MAX Power (W)	MAX Power (dBm)
2402	2480	0.0015	1.71