

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	1.083	/	Pass
		2440	1	1.093	/	Pass
		2480	1	1.095	/	Pass
2M	SISO	2402	1	2.137	/	Pass
		2440	1	2.128	/	Pass
		2480	1	2.124	/	Pass

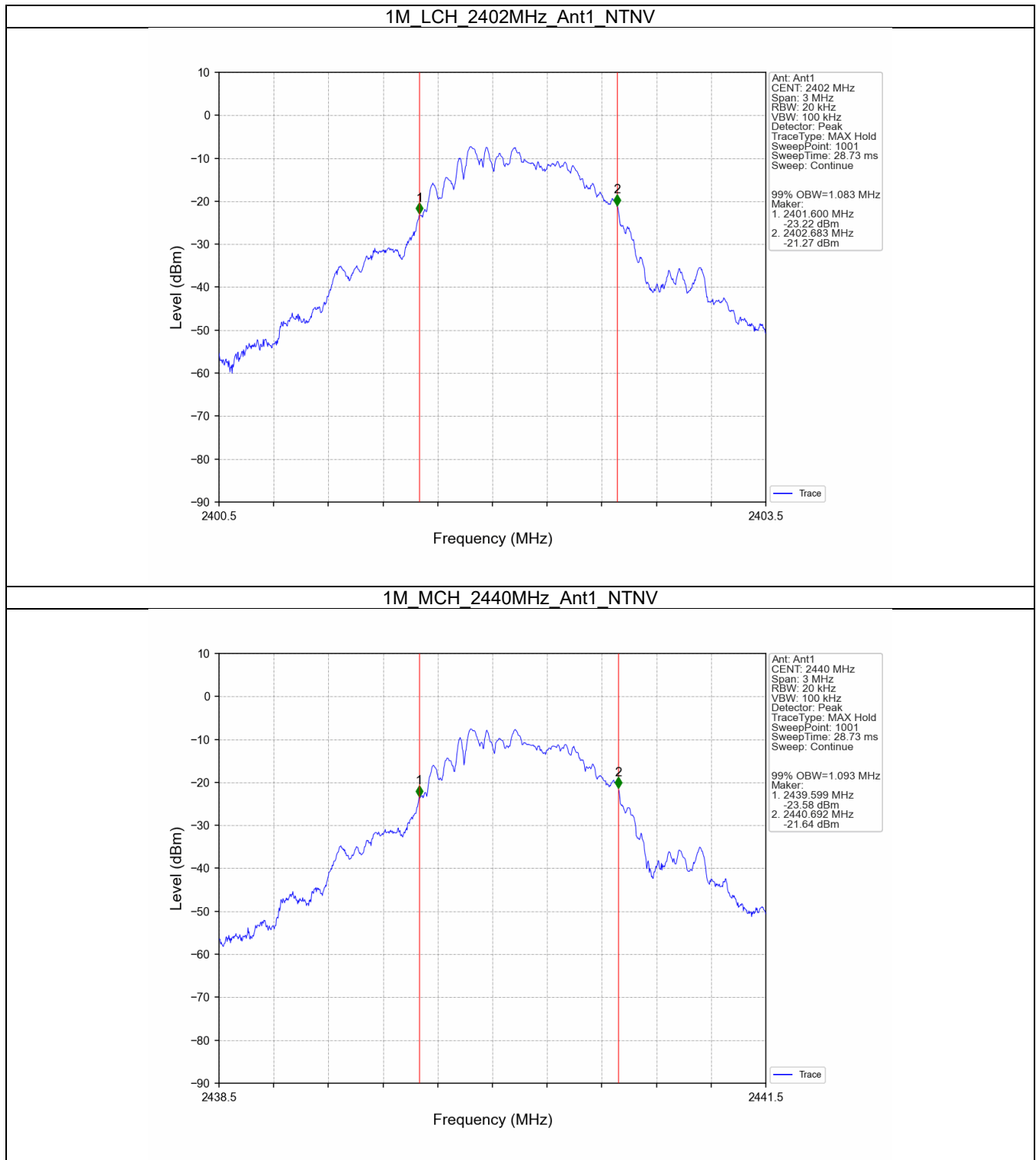
1.1.2 6dB BW

Mode	TX Type	Frequency (MHz)	ANT	6dB Bandwidth (MHz)		Verdict
				Result	Limit	
1M	SISO	2402	1	0.708	≥ 0.5	Pass
		2440	1	0.726	≥ 0.5	Pass
		2480	1	0.721	≥ 0.5	Pass
2M	SISO	2402	1	1.272	≥ 0.5	Pass
		2440	1	1.268	≥ 0.5	Pass
		2480	1	1.298	≥ 0.5	Pass



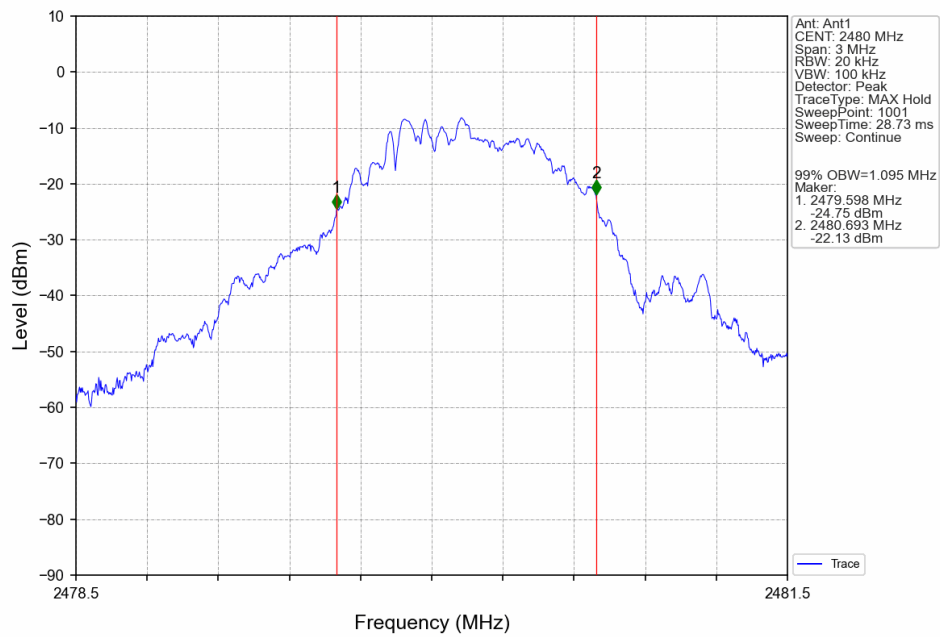
1.2 Test Graph

1.2.1 OBW

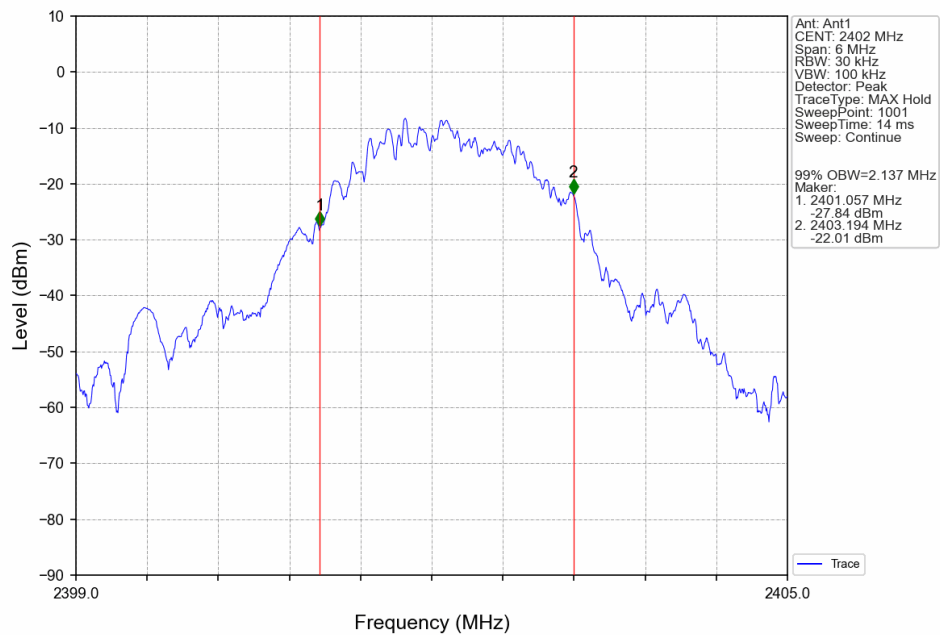




1M_HCH_2480MHz_Ant1_NTNV

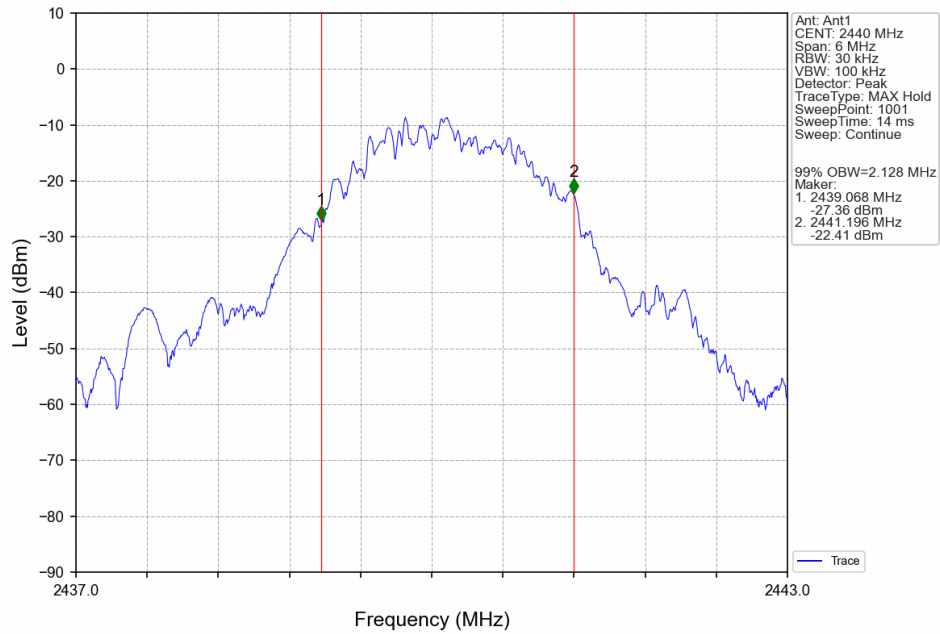


2M_LCH_2402MHz_Ant1_NTNV

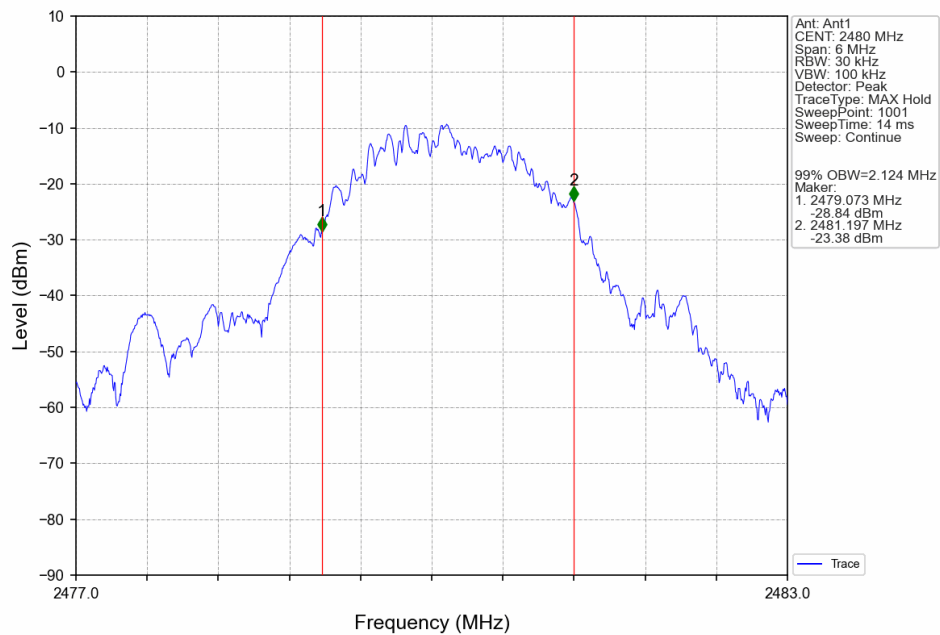




2M_MCH_2440MHz_Ant1_NTNV

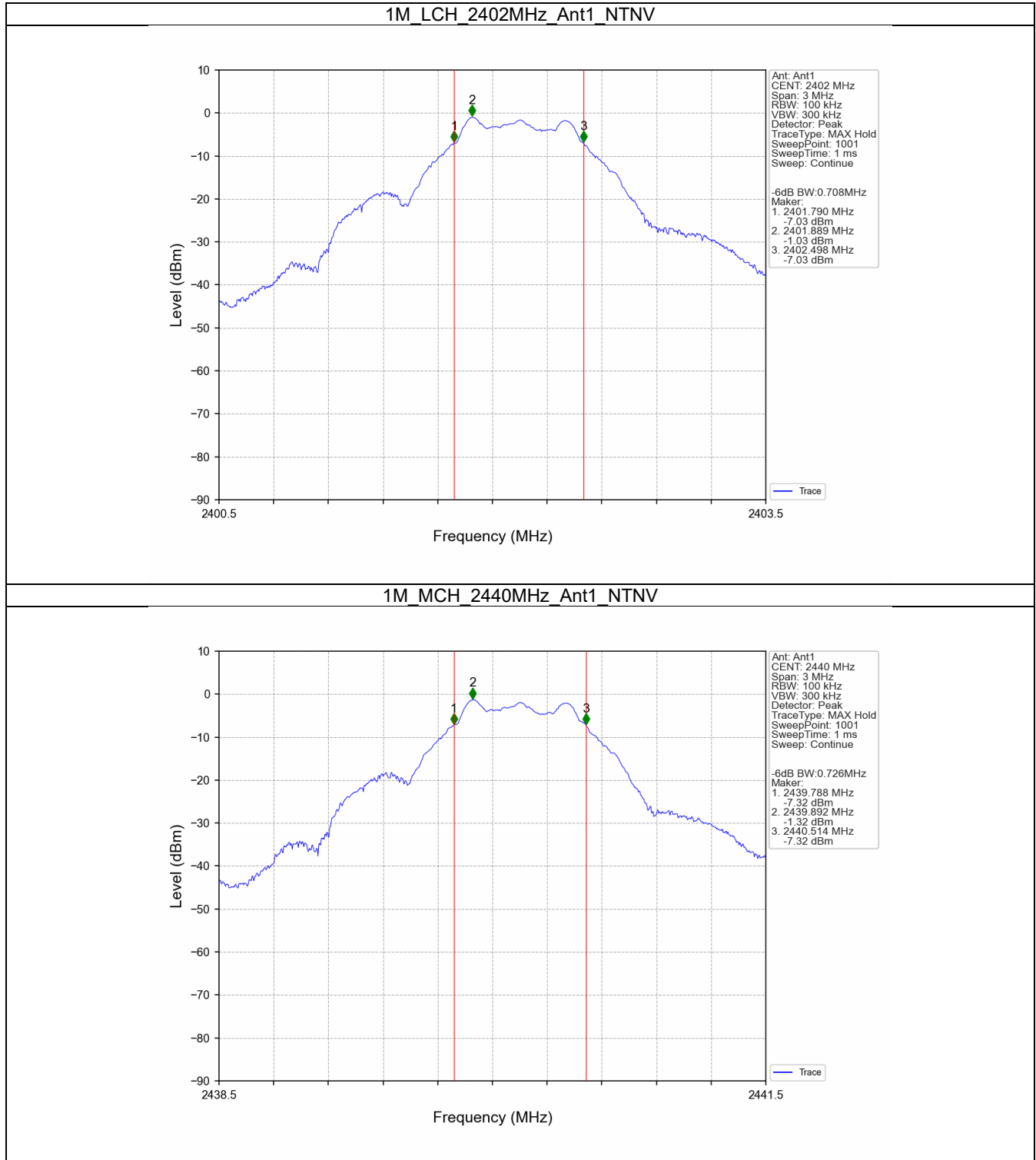


2M_HCH_2480MHz_Ant1_NTNV



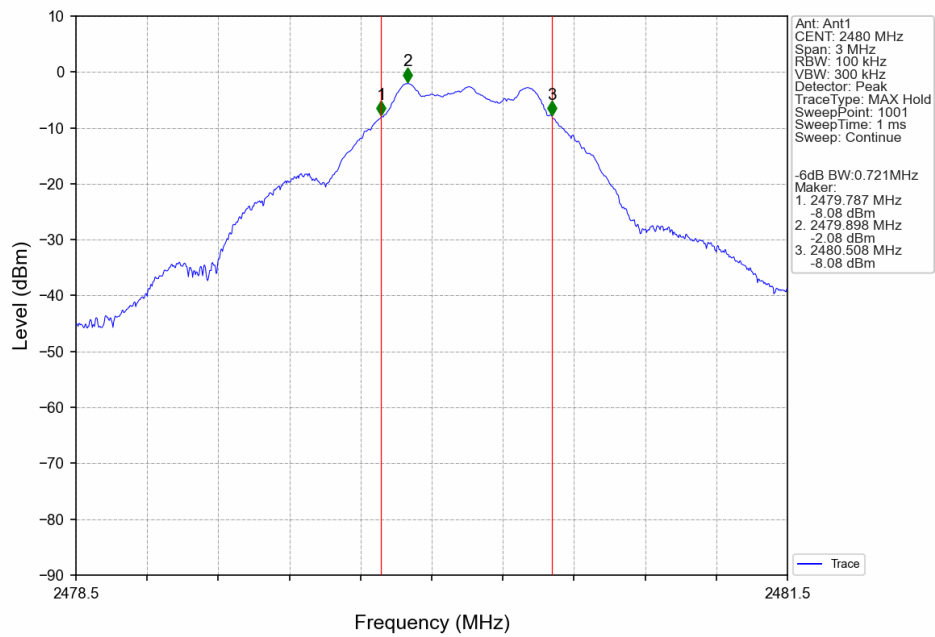


1.2.2 6dB BW

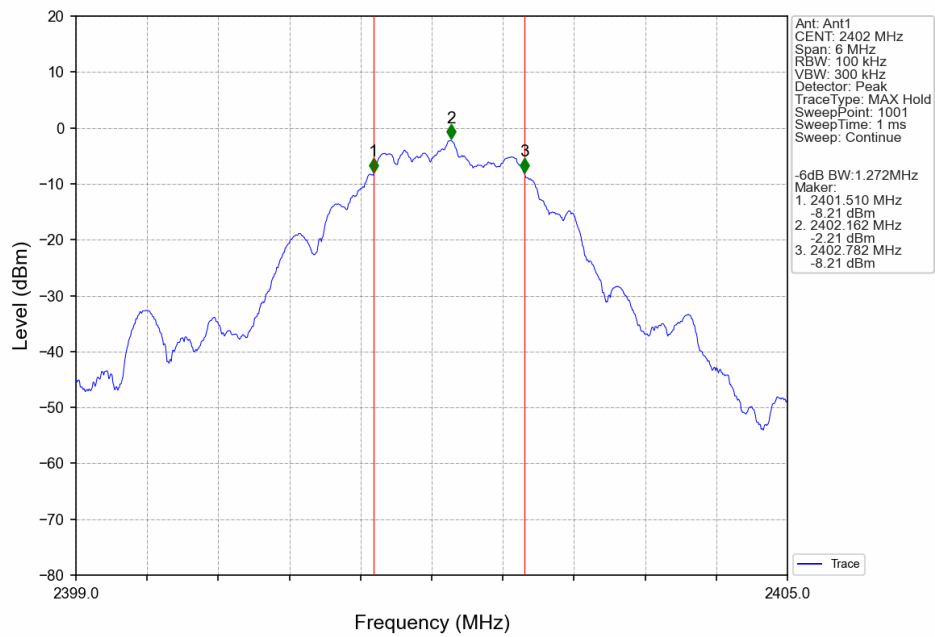




1M_HCH_2480MHz_Ant1_NTNV

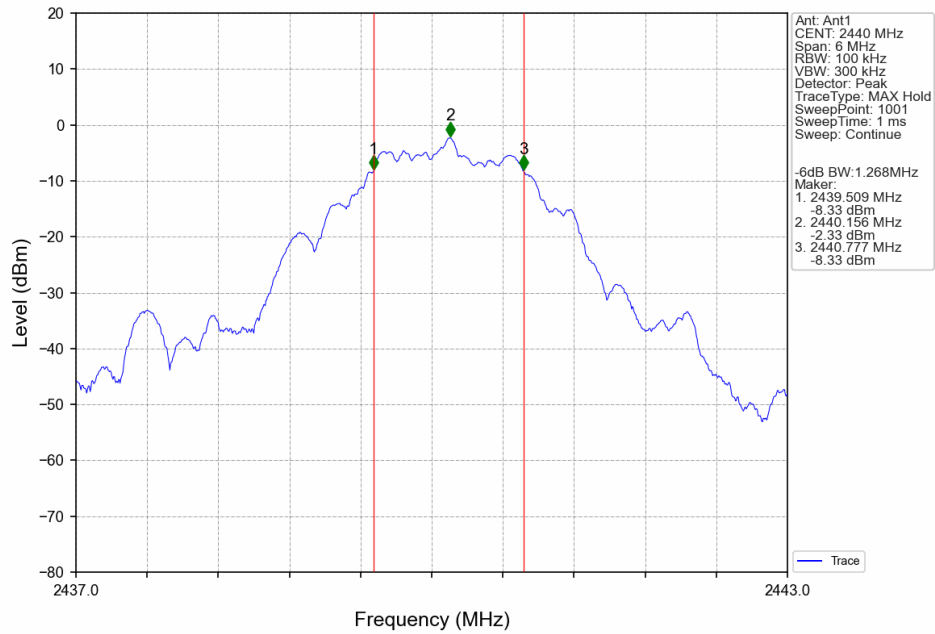


2M_LCH_2402MHz_Ant1_NTNV

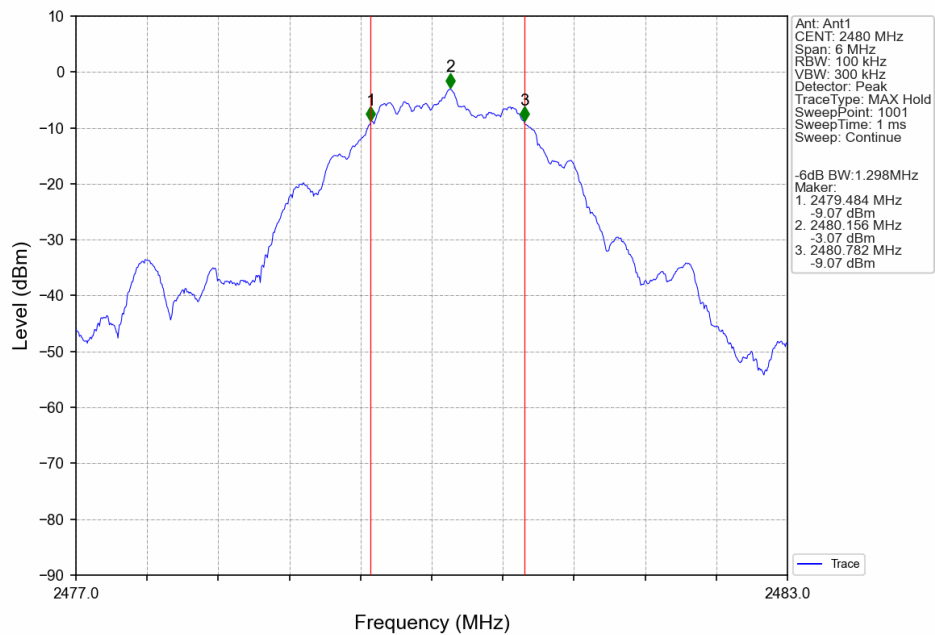




2M_MCH_2440MHz_Ant1_NTNV



2M_HCH_2480MHz_Ant1_NTNV



2. Maximum Conducted Output Power

2.1 Test Result

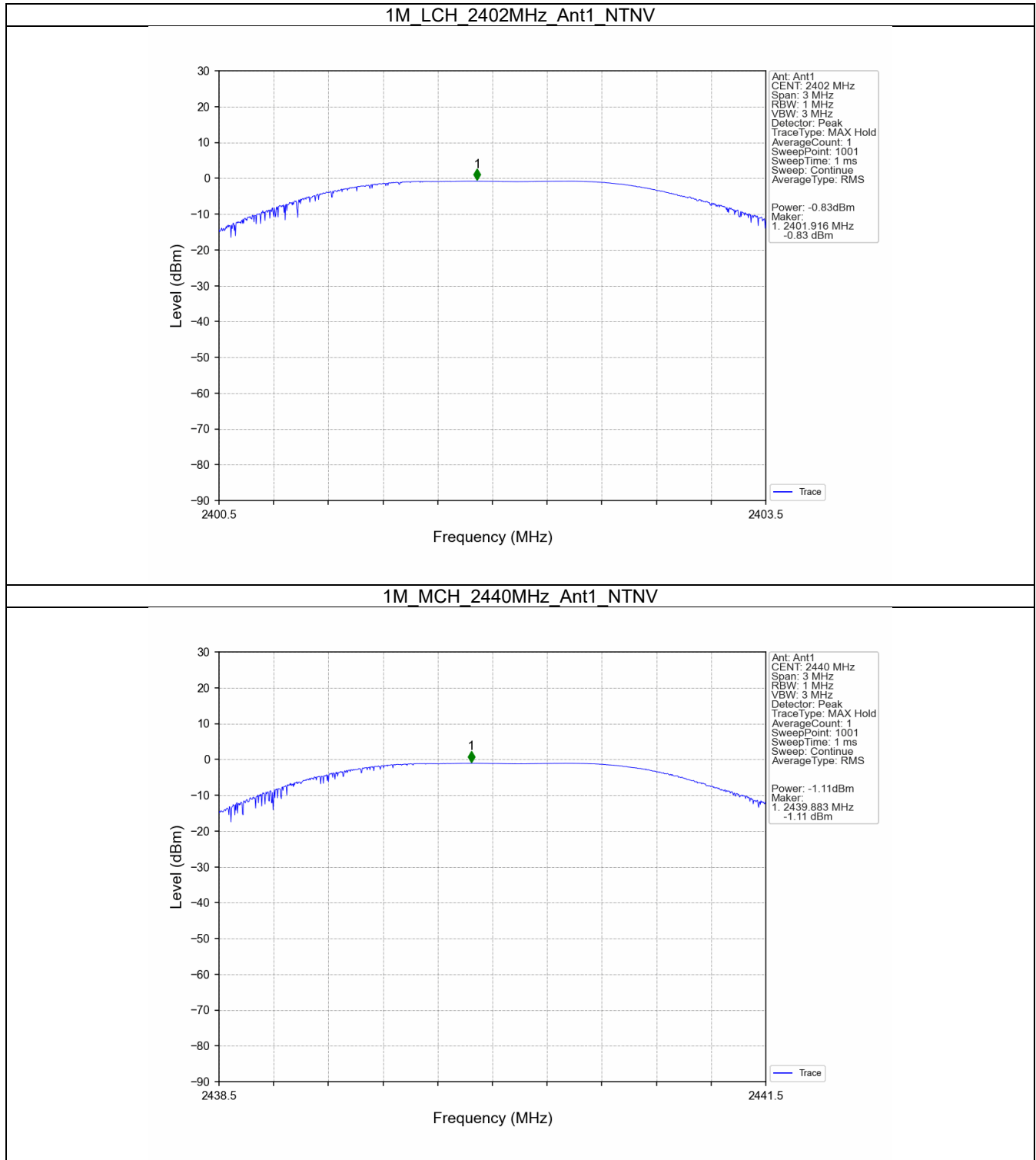
2.1.1 Power

Mode	TX Type	Frequency (MHz)	Maximum Peak Conducted Output Power (dBm)		Verdict
			ANT1	Limit	
1M	SISO	2402	-0.83	<=30	Pass
		2440	-1.11	<=30	Pass
		2480	-1.87	<=30	Pass
2M	SISO	2402	-0.83	<=30	Pass
		2440	-1.08	<=30	Pass
		2480	-1.84	<=30	Pass
Note1: Antenna Gain: Ant1: 0.00dBi;					



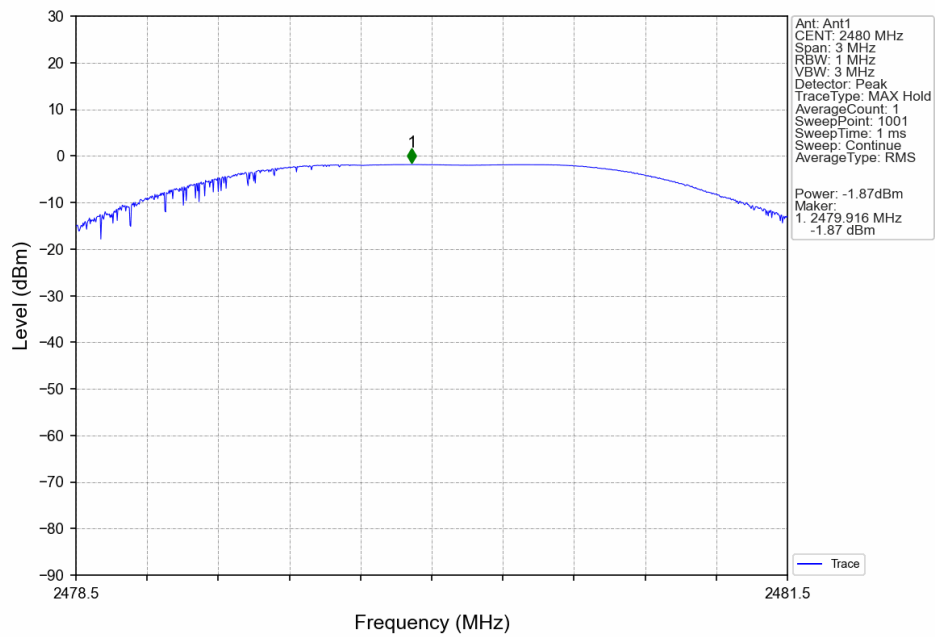
2.2 Test Graph

2.2.1 Power

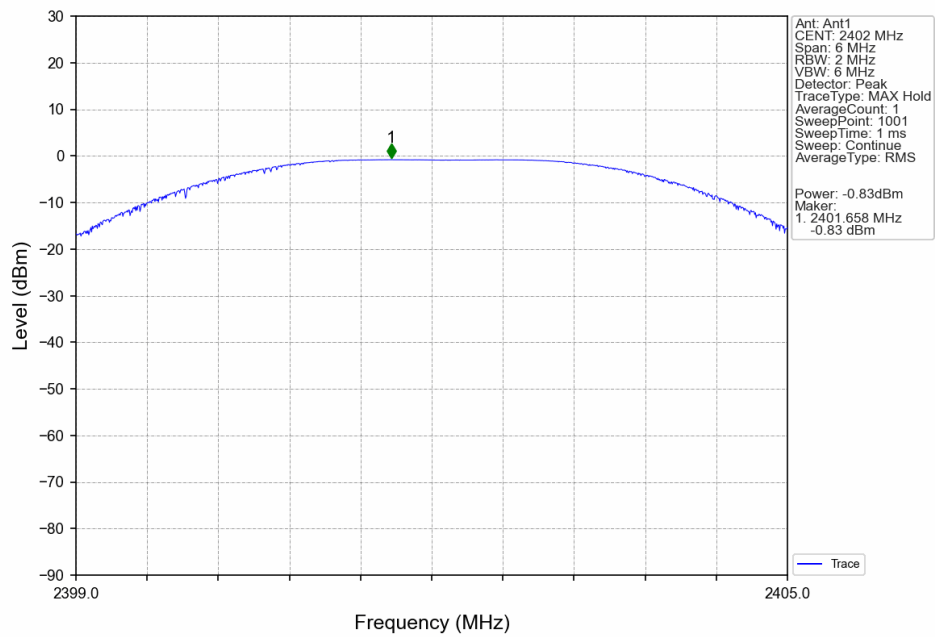




1M_HCH_2480MHz_Ant1_NTNV

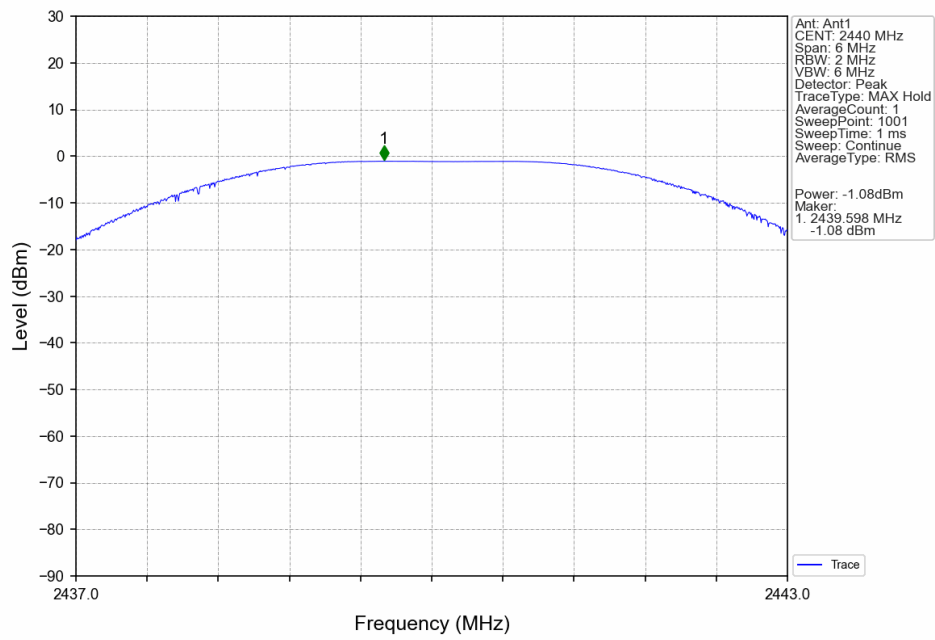


2M_LCH_2402MHz_Ant1_NTNV

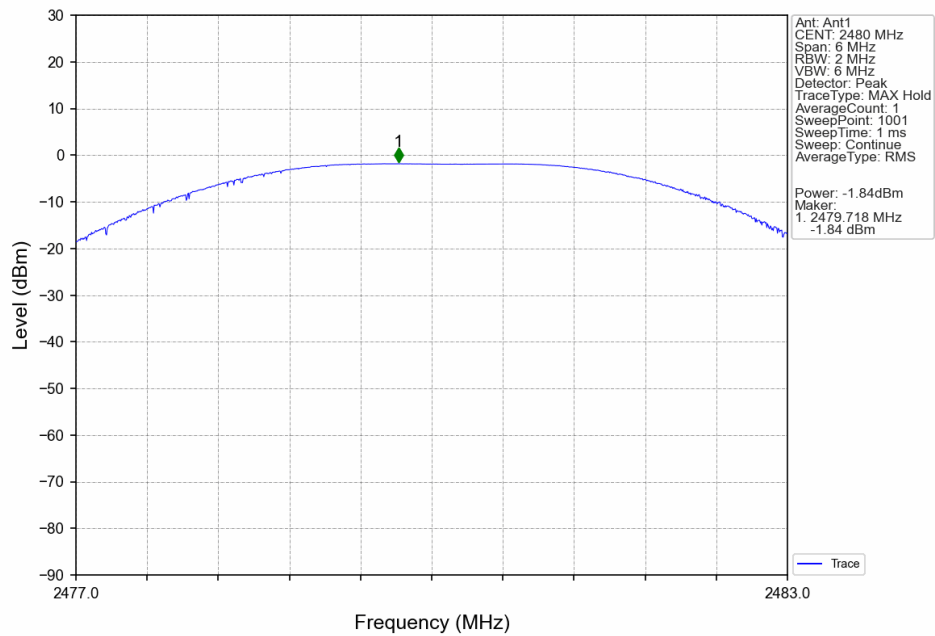




2M_MCH_2440MHz_Ant1_NTNV



2M_HCH_2480MHz_Ant1_NTNV



3. Maximum Power Spectral Density

3.1 Test Result

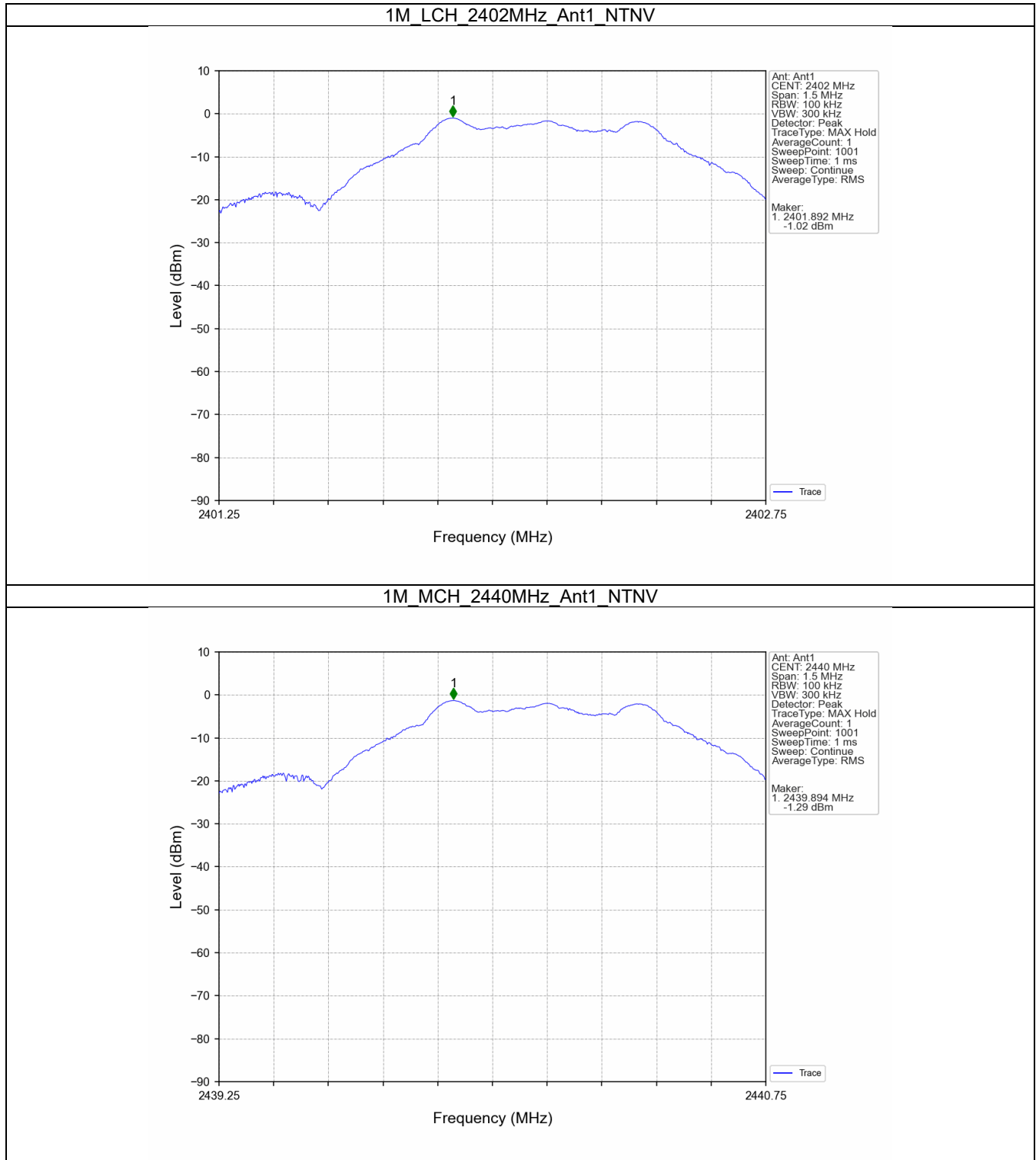
3.1.1 PSD

Mode	TX Type	Frequency (MHz)	Maximum PSD (dBm)		Verdict
			ANT1	Limit	
1M	SISO	2402	-1.02	<=8	Pass
		2440	-1.29	<=8	Pass
		2480	-2.08	<=8	Pass
2M	SISO	2402	-2.28	<=8	Pass
		2440	-2.34	<=8	Pass
		2480	-3.11	<=8	Pass
Note1: Antenna Gain: Ant1: 0.00dBi;					



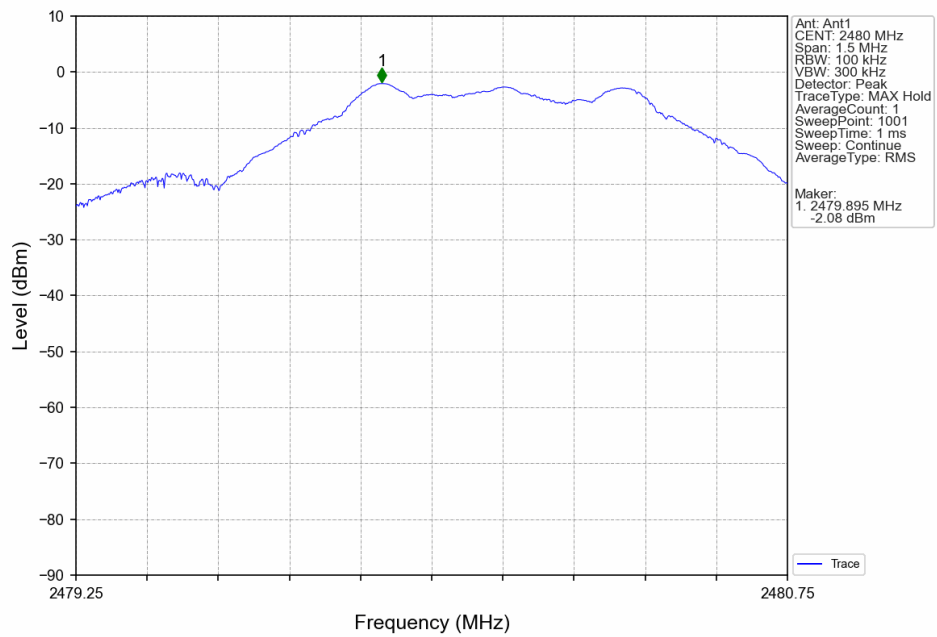
3.2 Test Graph

3.2.1 PSD

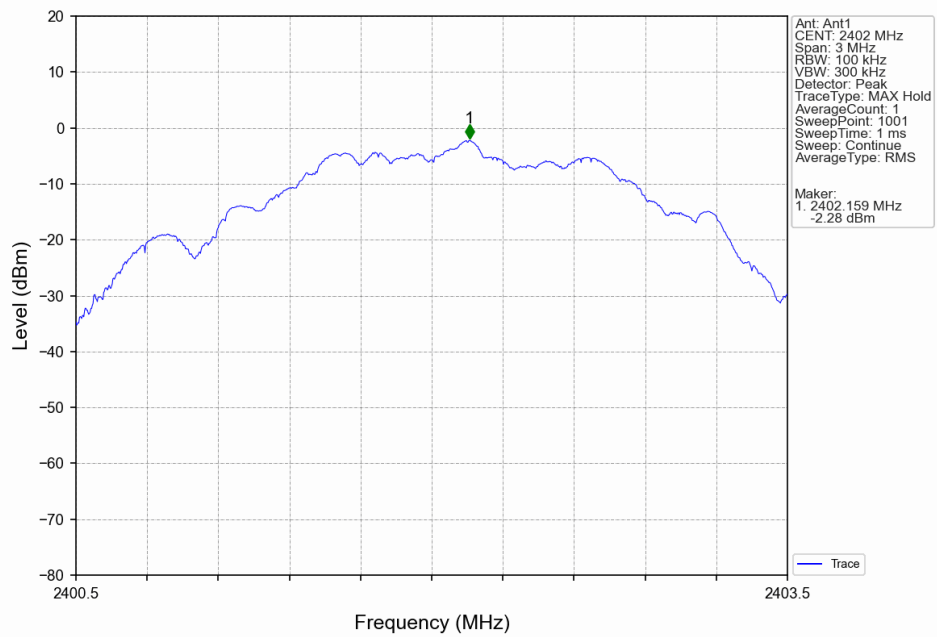




1M_HCH_2480MHz_Ant1_NTNV

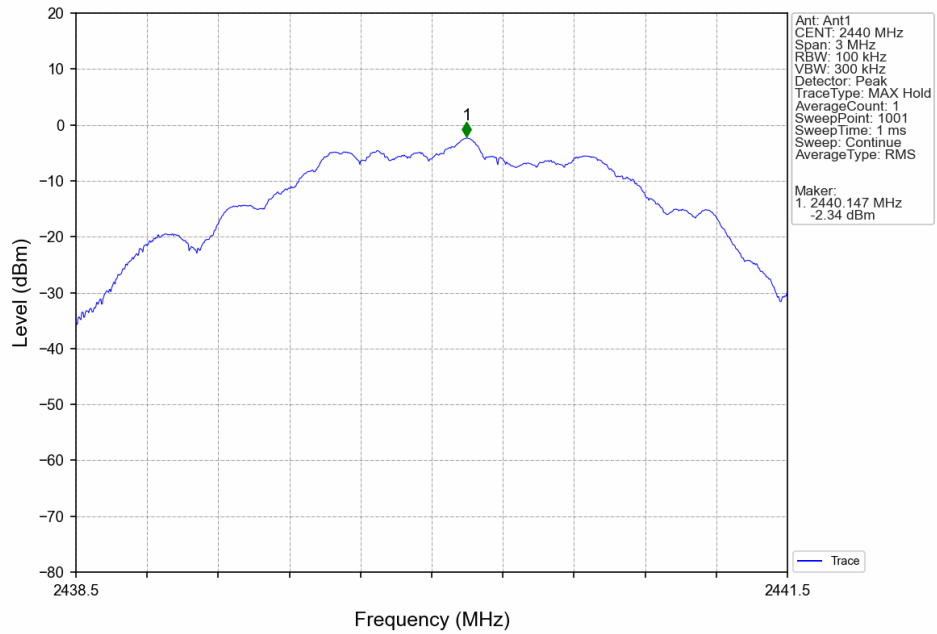


2M_LCH_2402MHz_Ant1_NTNV

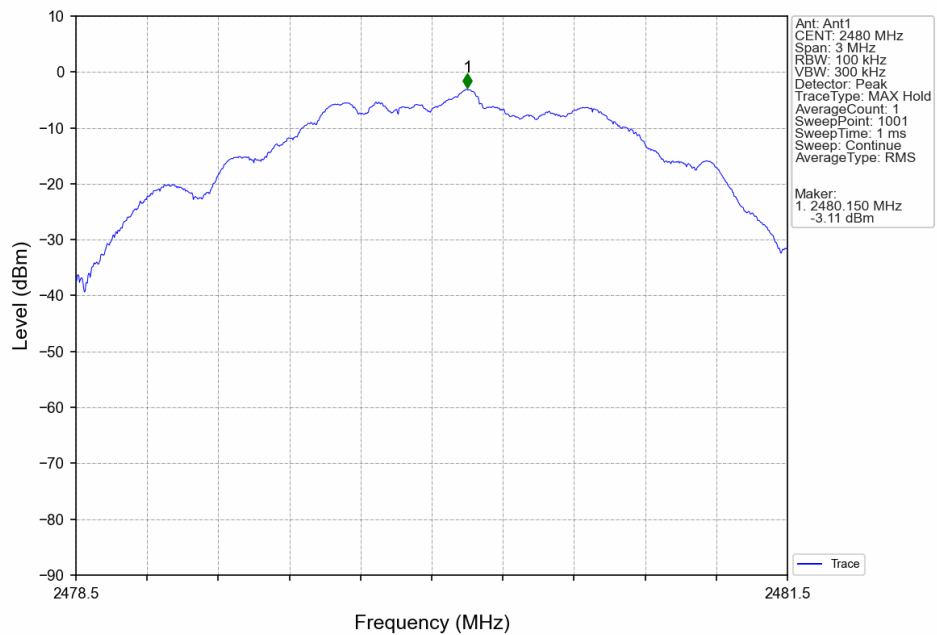




2M_MCH_2440MHz_Ant1_NTNV



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	-1.03
		2440	1	-1.32
		2480	1	-2.07
2M	SISO	2402	1	-2.22
		2440	1	-2.38
		2480	1	-3.10

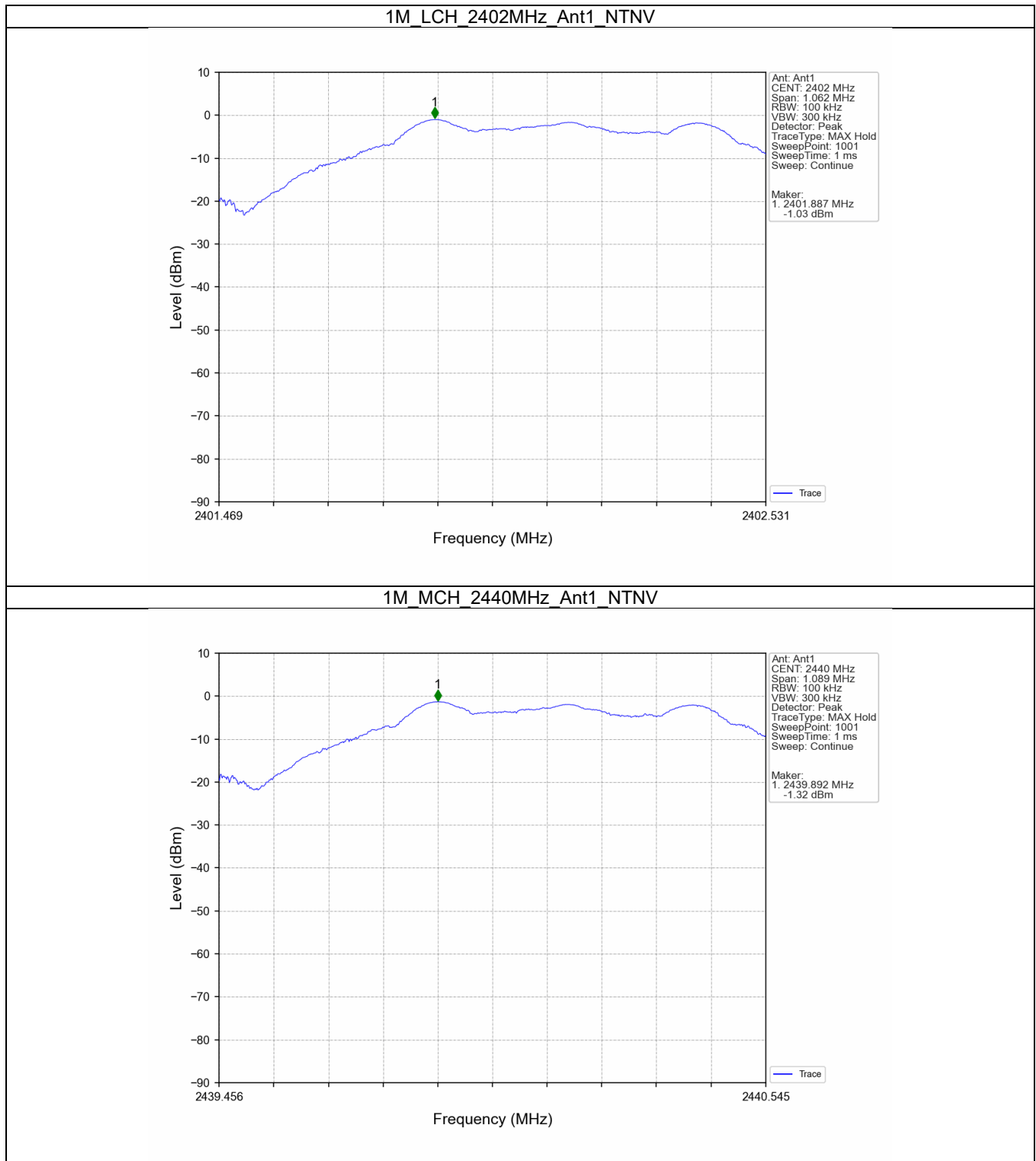
4.1.2 CSE

Mode	TX Type	Frequency (MHz)	ANT	Level of Reference (dBm)	Limit (dBm)	Verdict
1M	SISO	2402	1	-1.03	-21.03	Pass
		2440	1	-1.03	-21.03	Pass
		2480	1	-1.03	-21.03	Pass
2M	SISO	2402	1	-2.22	-22.22	Pass
		2440	1	-2.22	-22.22	Pass
		2480	1	-2.22	-22.22	Pass



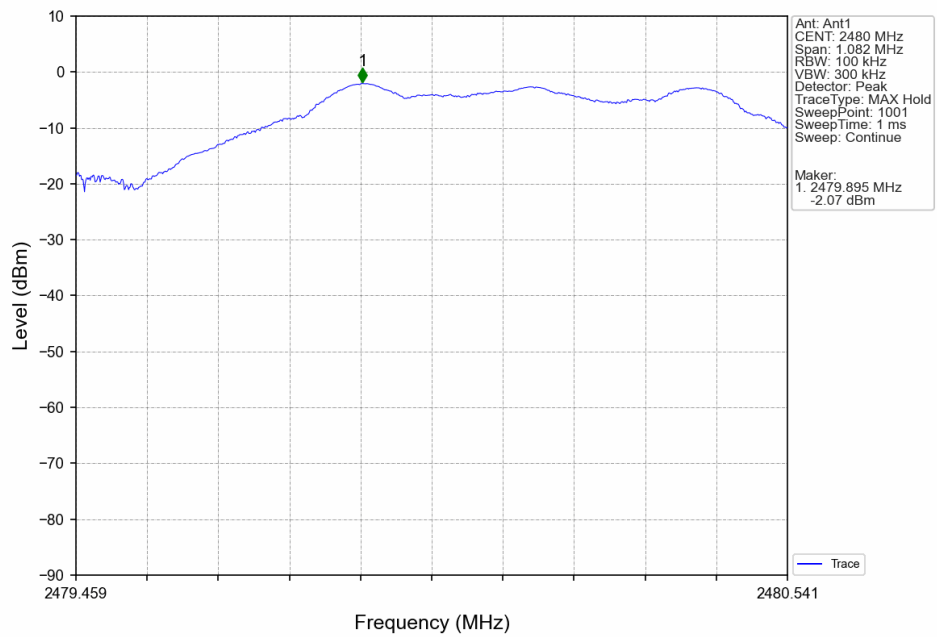
4.2 Test Graph

4.2.1 Ref

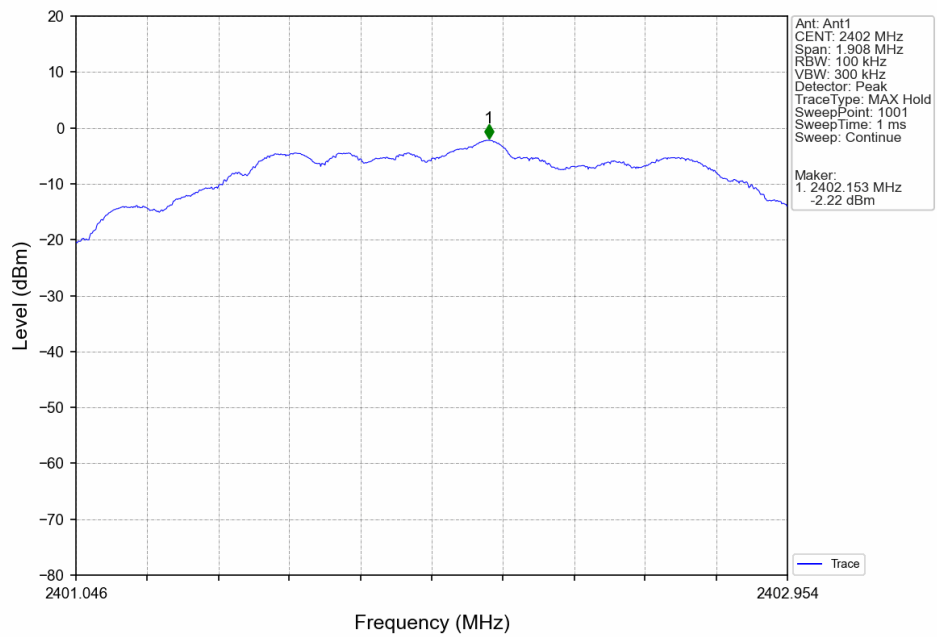




1M_HCH_2480MHz_Ant1_NTNV

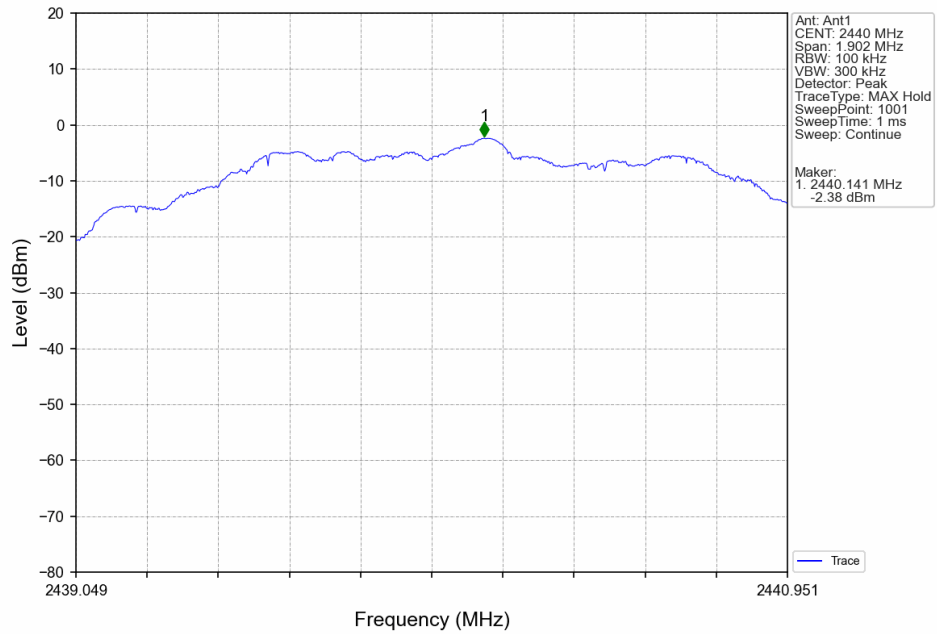


2M_LCH_2402MHz_Ant1_NTNV

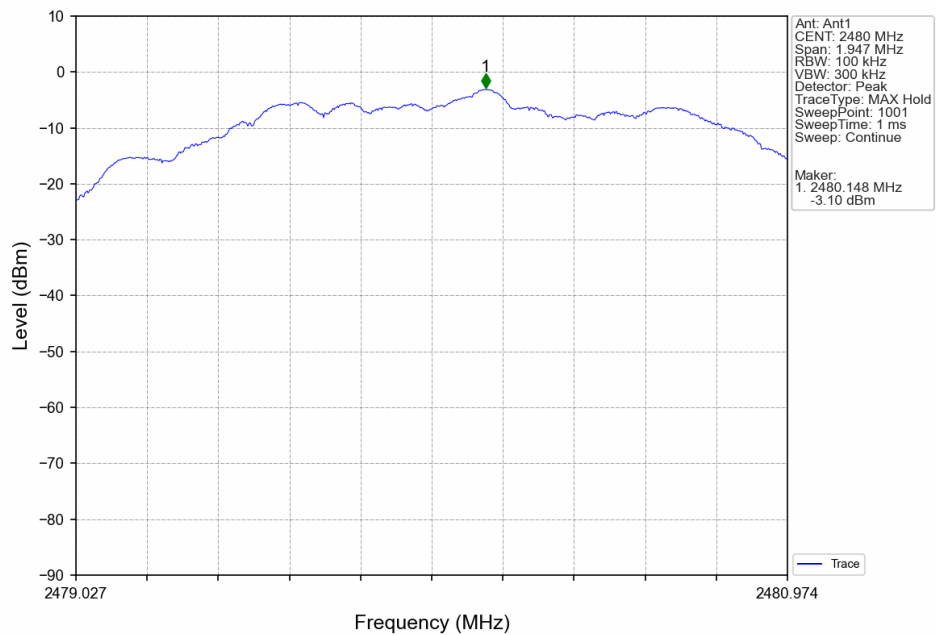




2M_MCH_2440MHz_Ant1_NTNV

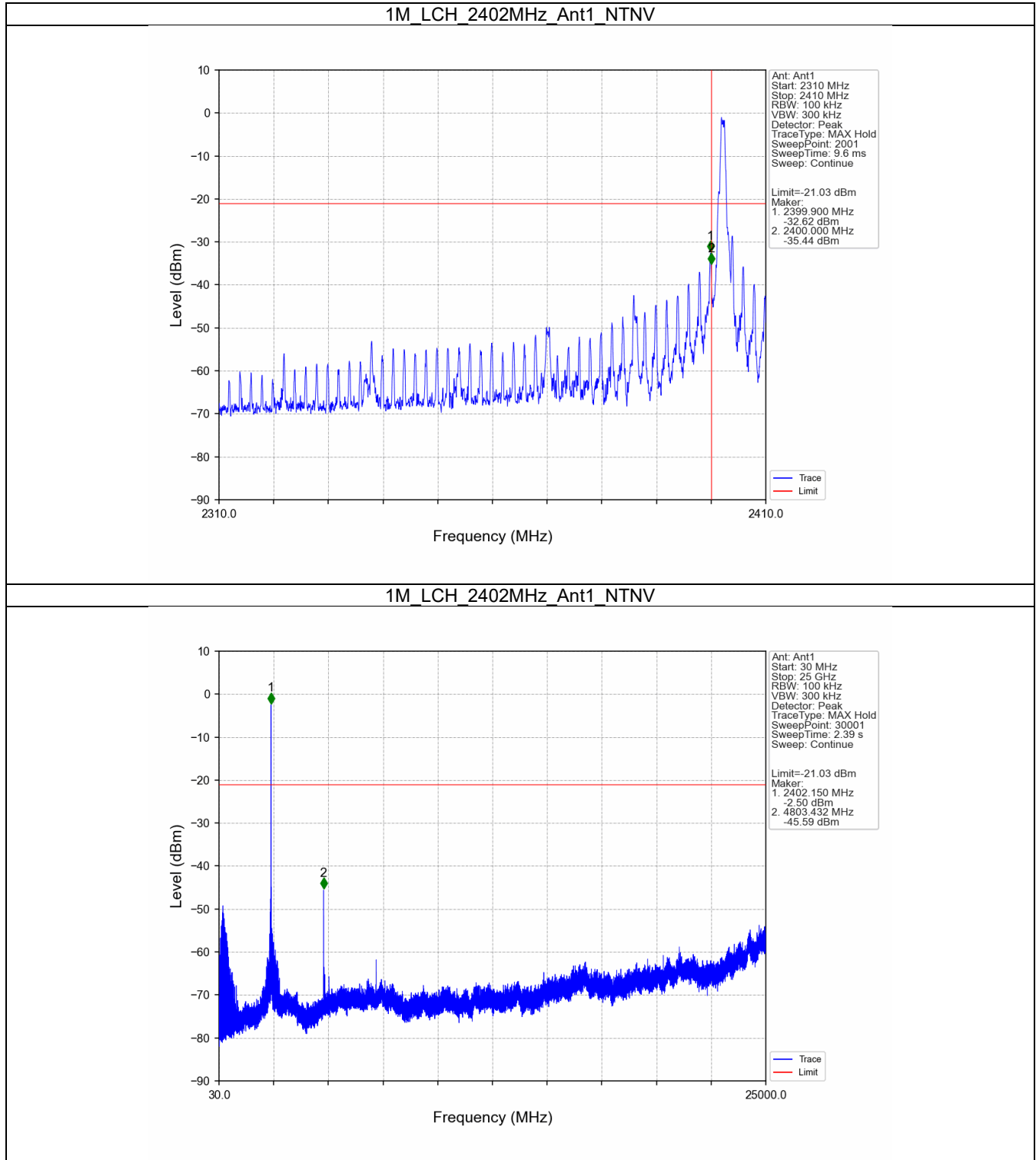


2M_HCH_2480MHz_Ant1_NTNV



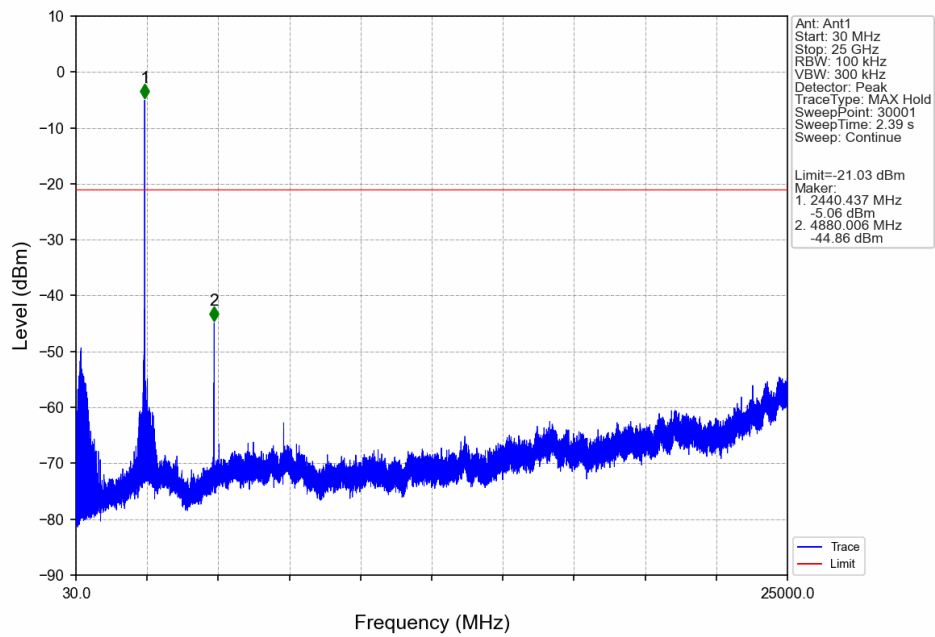


4.2.2 CSE

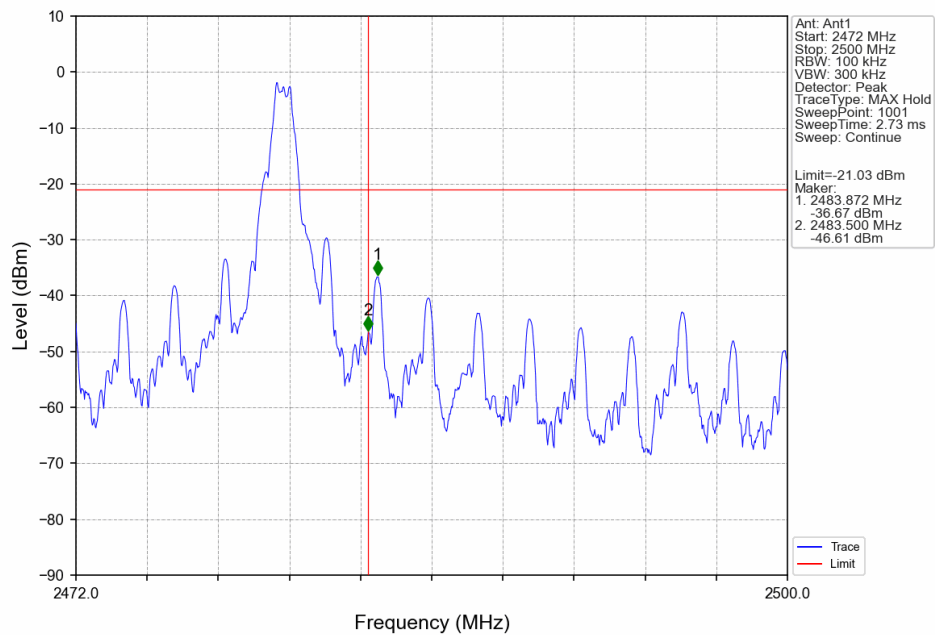




1M_MCH_2440MHz_Ant1_NTNV

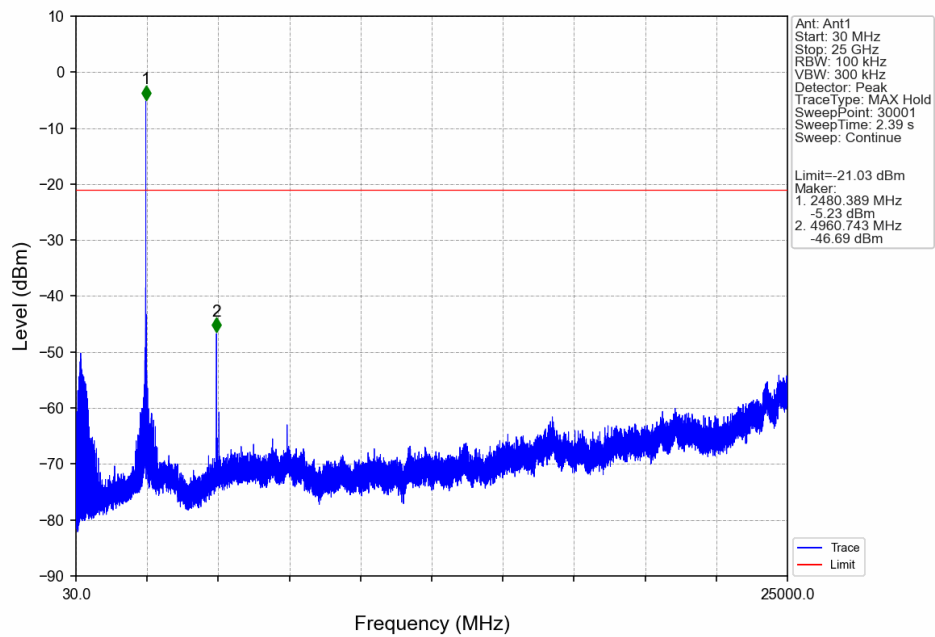


1M_HCH_2480MHz_Ant1_NTNV

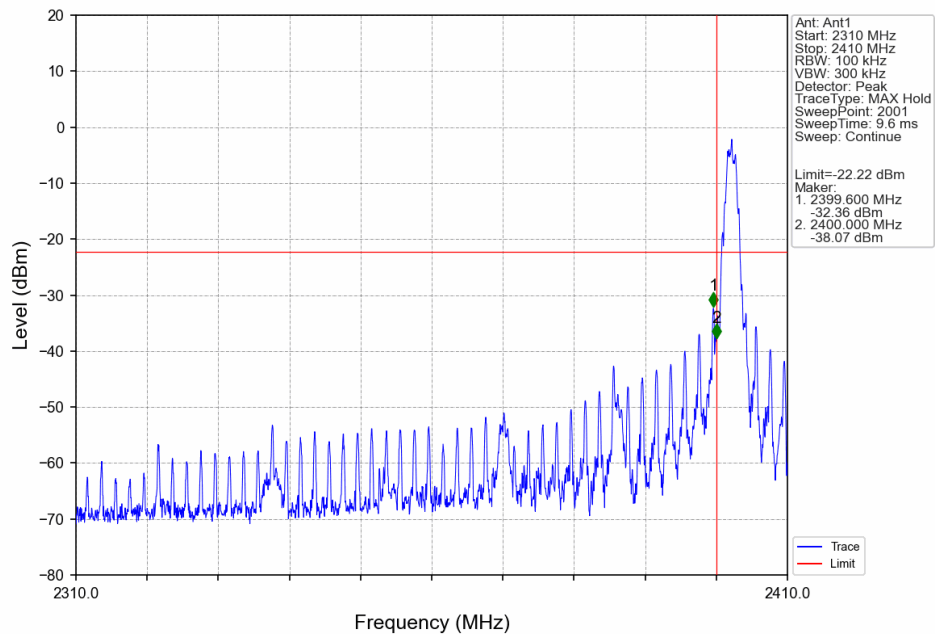




1M_HCH_2480MHz_Ant1_NTNV

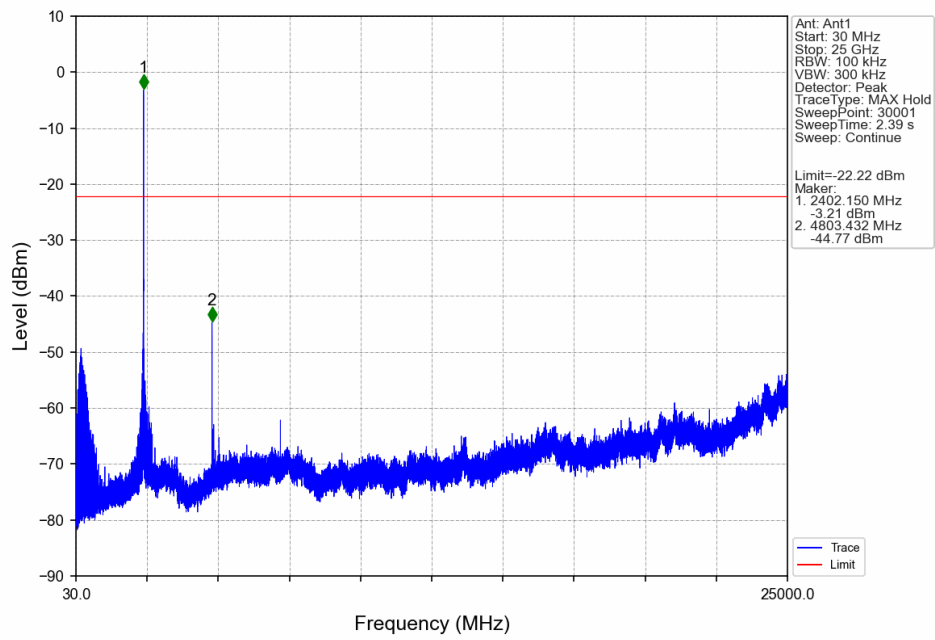


2M_LCH_2402MHz_Ant1_NTNV

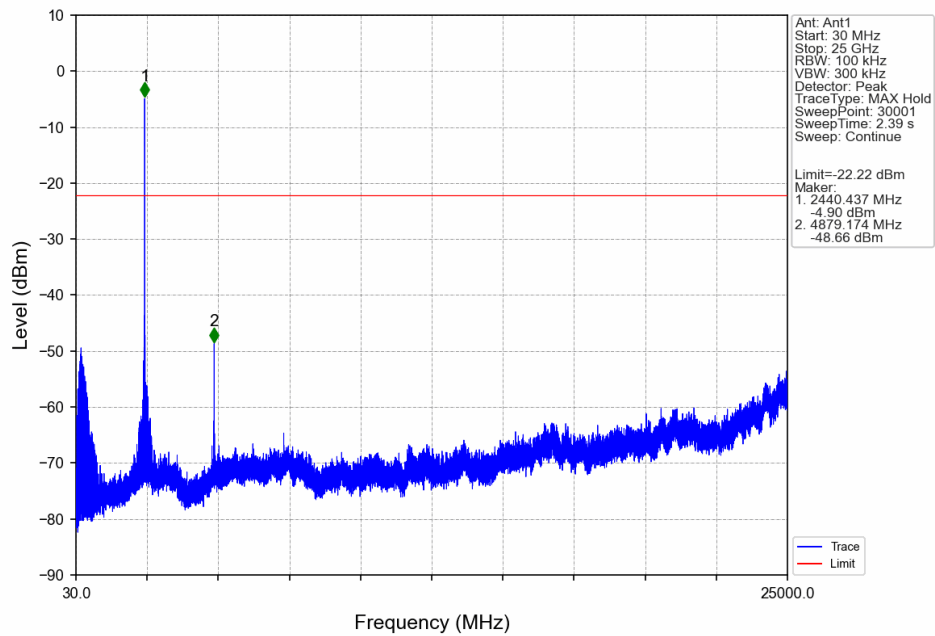




2M_LCH_2402MHz_Ant1_NTNV

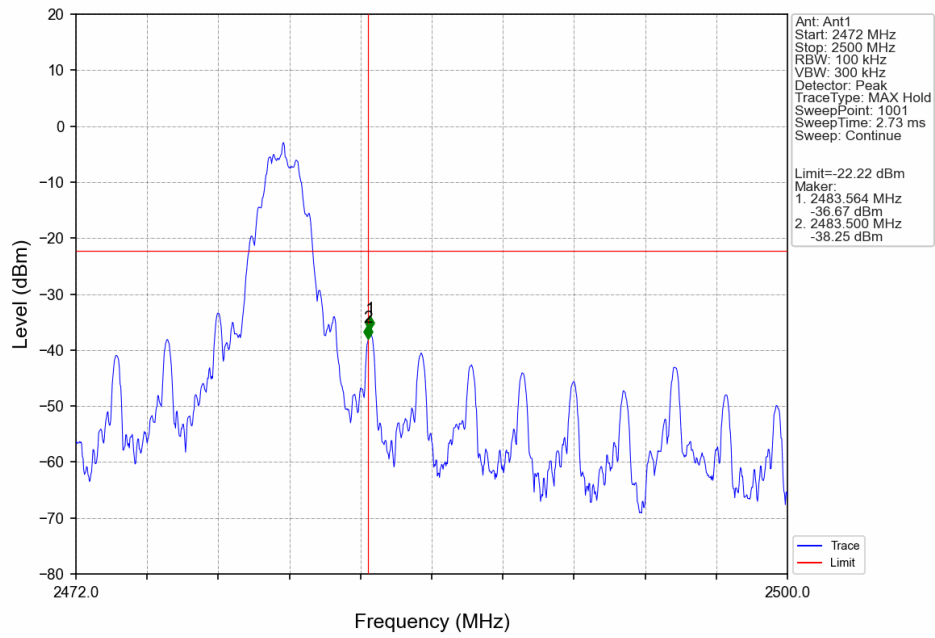


2M_MCH_2440MHz_Ant1_NTNV

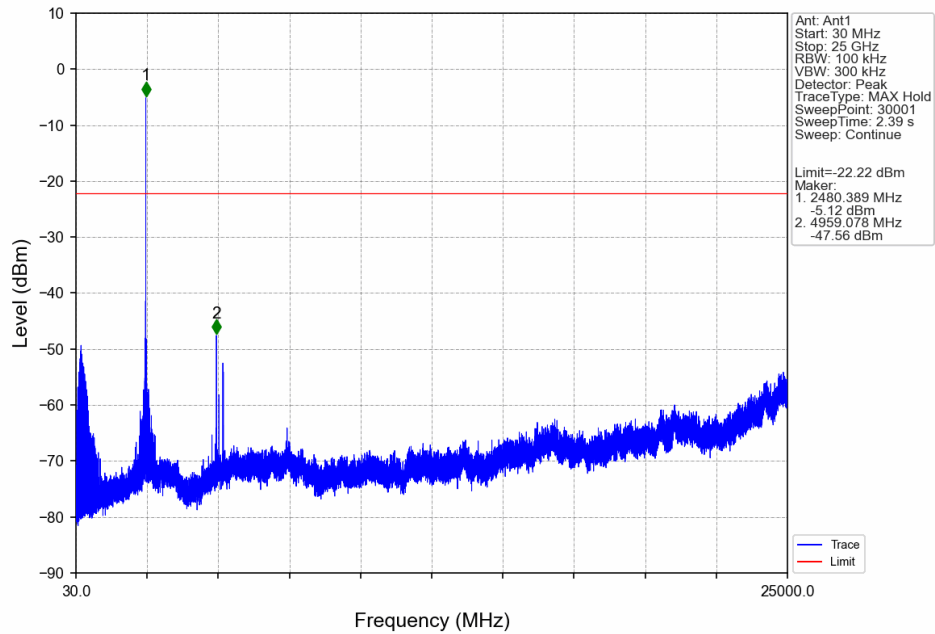




2M_HCH_2480MHz_Ant1_NTNV



2M_HCH_2480MHz_Ant1_NTNV



5. Unwanted Emissions In Restricted Frequency Bands

5.1 Test Result

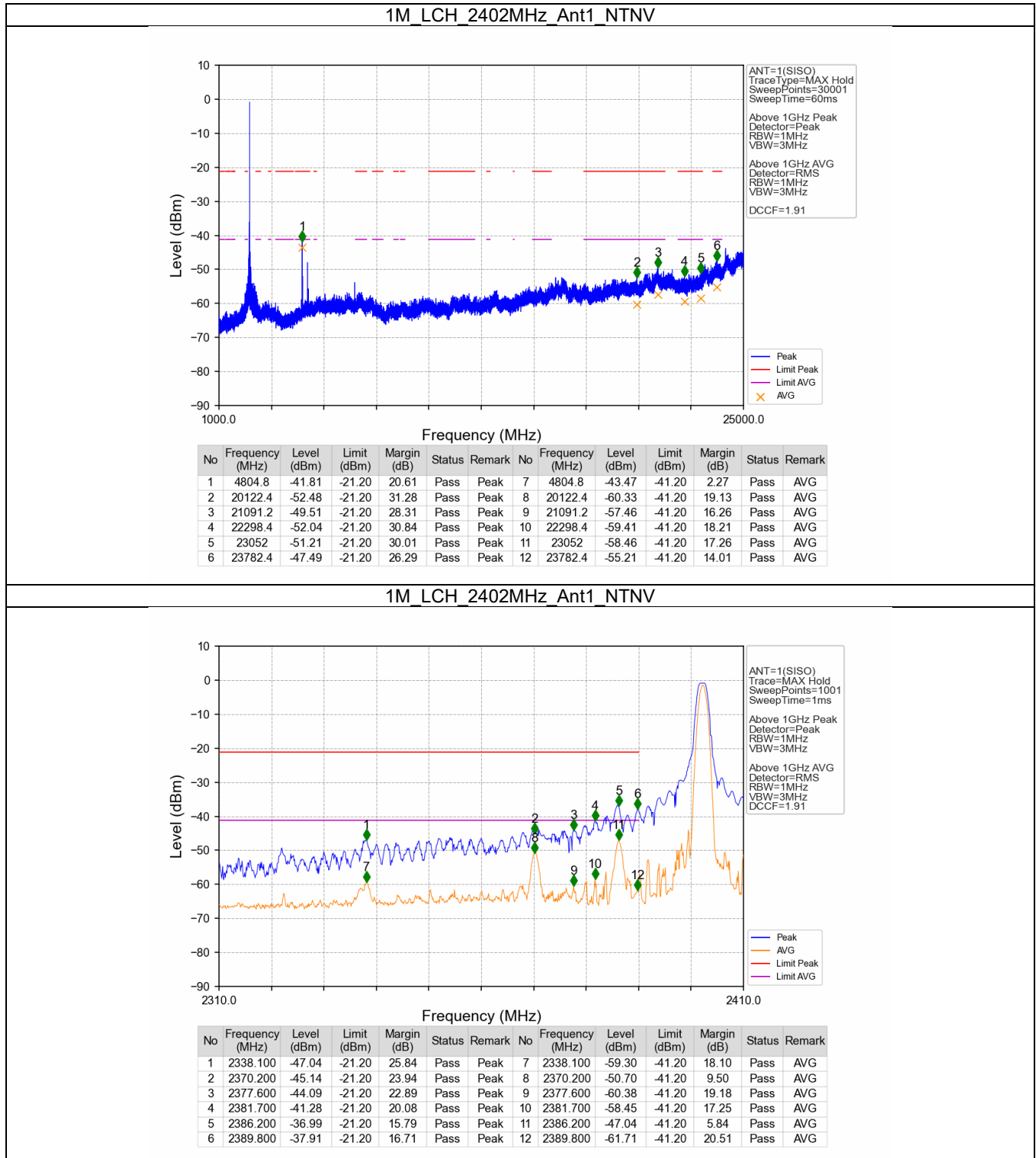
5.1.1 RSE

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



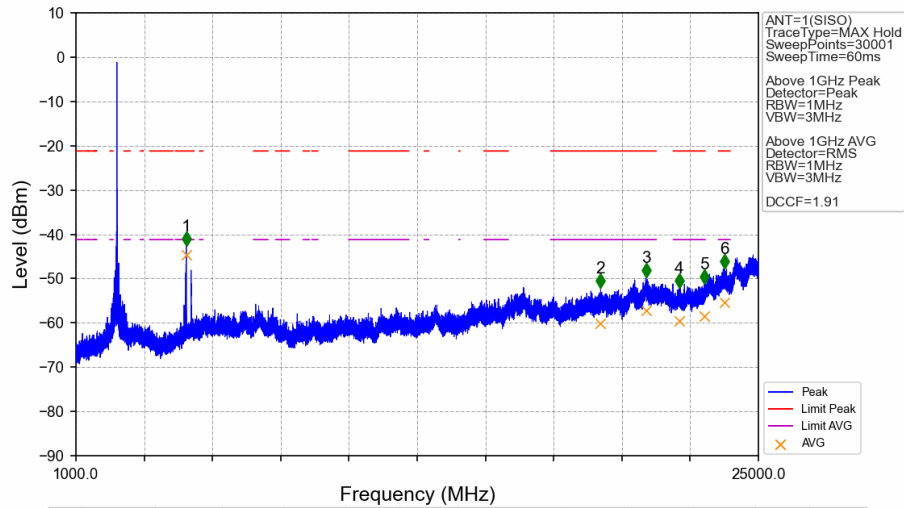
5.2 Test Graph

5.2.1 RSE



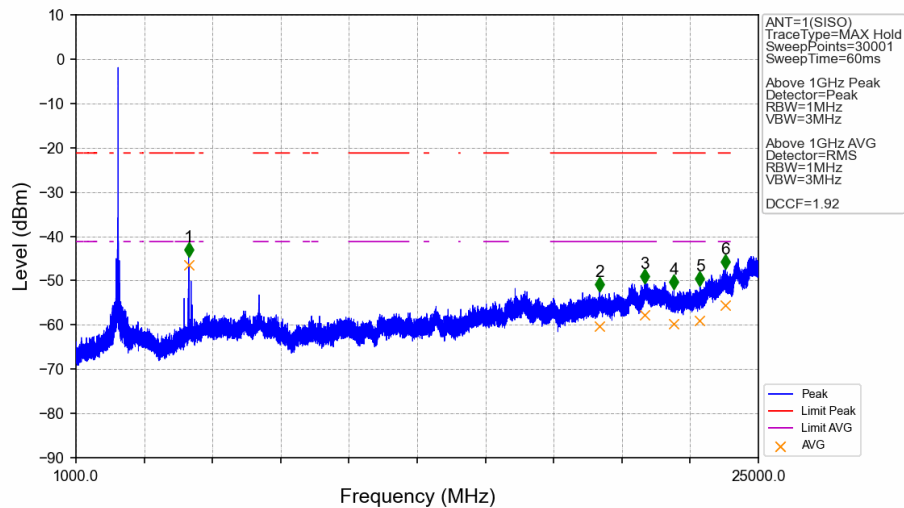


1M_MCH_2440MHz_Ant1_NTNV



No	Frequency (MHz)	Level (dBm)	Limit (dBm)	Margin (dB)	Status	Remark	No	Frequency (MHz)	Level (dBm)	Limit (dBm)	Margin (dB)	Status	Remark
1	4880	-42.55	-21.20	21.35	Pass	Peak	7	4880	-44.68	-41.20	3.48	Pass	AVG
2	19452	-52.05	-21.20	30.85	Pass	Peak	8	19452	-60.11	-41.20	18.91	Pass	AVG
3	21045.6	-49.70	-21.20	28.50	Pass	Peak	9	21045.6	-57.23	-41.20	16.03	Pass	AVG
4	22220	-52.07	-21.20	30.87	Pass	Peak	10	22220	-59.66	-41.20	18.46	Pass	AVG
5	23088	-51.22	-21.20	30.02	Pass	Peak	11	23088	-58.55	-41.20	17.35	Pass	AVG
6	23808.8	-47.64	-21.20	26.44	Pass	Peak	12	23808.8	-55.43	-41.20	14.23	Pass	AVG

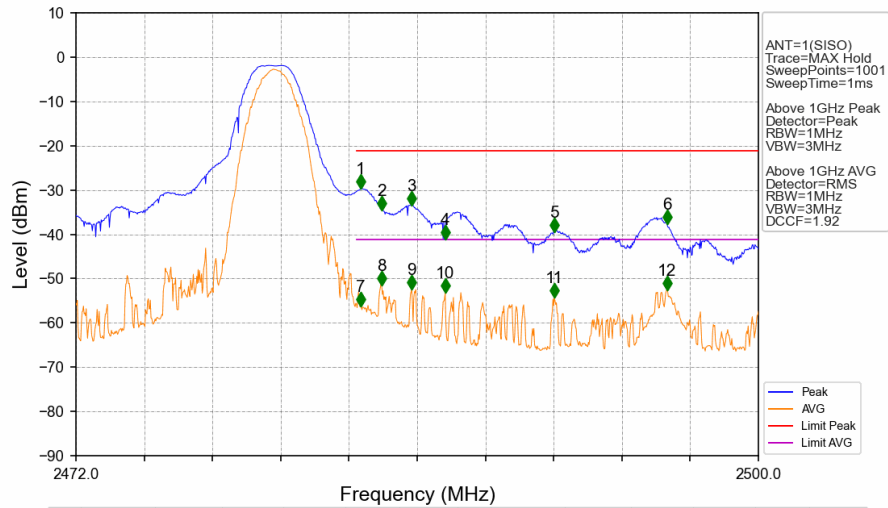
1M_HCH_2480MHz_Ant1_NTNV



No	Frequency (MHz)	Level (dBm)	Limit (dBm)	Margin (dB)	Status	Remark	No	Frequency (MHz)	Level (dBm)	Limit (dBm)	Margin (dB)	Status	Remark
1	4960	-44.58	-21.20	23.38	Pass	Peak	7	4960	-46.54	-41.20	5.34	Pass	AVG
2	19414.4	-52.37	-21.20	31.17	Pass	Peak	8	19414.4	-60.31	-41.20	19.11	Pass	AVG
3	21013.6	-50.61	-21.20	29.41	Pass	Peak	9	21013.6	-57.68	-41.20	16.48	Pass	AVG
4	22032.8	-51.93	-21.20	30.73	Pass	Peak	10	22032.8	-59.84	-41.20	18.64	Pass	AVG
5	22940.8	-51.06	-21.20	29.86	Pass	Peak	11	22940.8	-59.02	-41.20	17.82	Pass	AVG
6	23840	-47.37	-21.20	26.17	Pass	Peak	12	23840	-55.49	-41.20	14.29	Pass	AVG

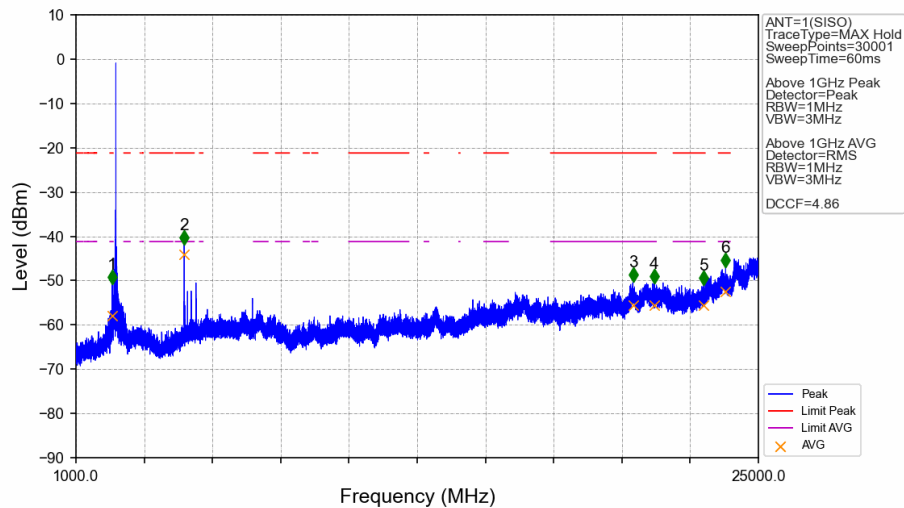


1M_HCH_2480MHz_Ant1_NTNV



No	Frequency (MHz)	Level (dBm)	Limit (dBm)	Margin (dB)	Status	Remark	No	Frequency (MHz)	Level (dBm)	Limit (dBm)	Margin (dB)	Status	Remark
1	2483.676	-29.69	-21.20	8.49	Pass	Peak	7	2483.676	-56.27	-41.20	15.07	Pass	AVG
2	2484.544	-34.50	-21.20	13.30	Pass	Peak	8	2484.544	-51.51	-41.20	10.31	Pass	AVG
3	2485.776	-33.48	-21.20	12.28	Pass	Peak	9	2485.776	-52.45	-41.20	11.25	Pass	AVG
4	2487.148	-41.20	-21.20	20.00	Pass	Peak	10	2487.148	-53.17	-41.20	11.97	Pass	AVG
5	2491.628	-39.53	-21.20	18.33	Pass	Peak	11	2491.628	-54.28	-41.20	13.08	Pass	AVG
6	2496.248	-37.72	-21.20	16.52	Pass	Peak	12	2496.248	-52.57	-41.20	11.37	Pass	AVG

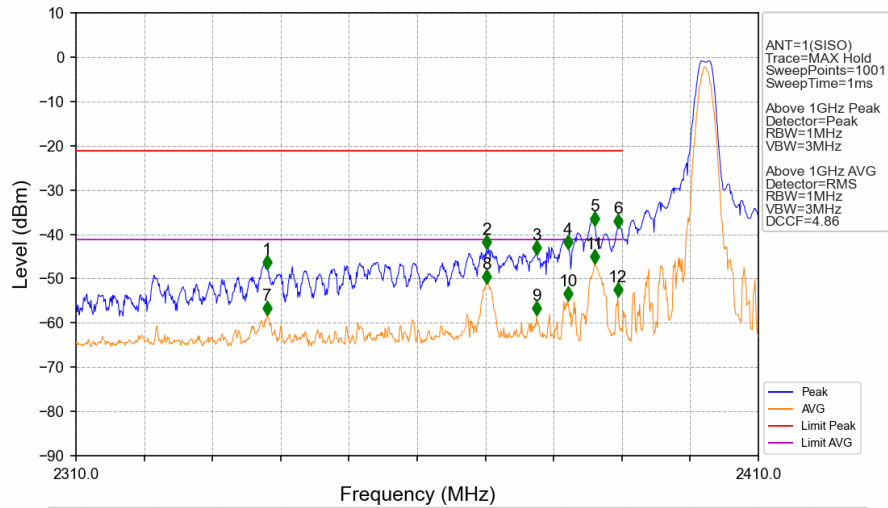
2M_LCH_2402MHz_Ant1_NTNV



No	Frequency (MHz)	Level (dBm)	Limit (dBm)	Margin (dB)	Status	Remark	No	Frequency (MHz)	Level (dBm)	Limit (dBm)	Margin (dB)	Status	Remark
1	2273.6	-50.87	-21.20	29.67	Pass	Peak	7	2273.6	-58.01	-41.20	16.81	Pass	AVG
2	4803.2	-41.79	-21.20	20.59	Pass	Peak	8	4803.2	-44.15	-41.20	2.95	Pass	AVG
3	20588.8	-50.17	-21.20	28.97	Pass	Peak	9	20588.8	-55.61	-41.20	14.41	Pass	AVG
4	21341.6	-50.54	-21.20	29.34	Pass	Peak	10	21341.6	-55.58	-41.20	14.38	Pass	AVG
5	23076	-51.00	-21.20	29.80	Pass	Peak	11	23076	-55.65	-41.20	14.45	Pass	AVG
6	23848	-47.04	-21.20	25.84	Pass	Peak	12	23848	-52.41	-41.20	11.21	Pass	AVG

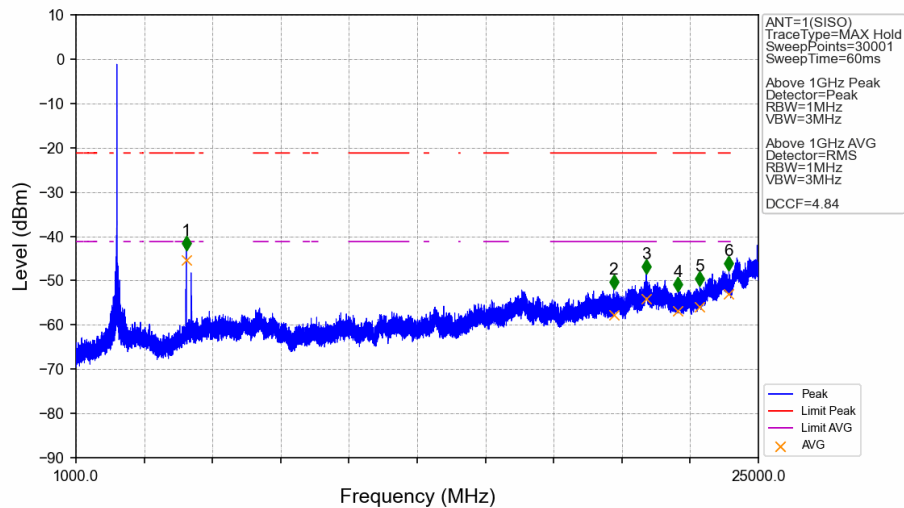


2M_LCH_2402MHz_Ant1_NTNV



No	Frequency (MHz)	Level (dBm)	Limit (dBm)	Margin (dB)	Status	Remark	No	Frequency (MHz)	Level (dBm)	Limit (dBm)	Margin (dB)	Status	Remark
1	2338.000	-47.89	-21.20	26.69	Pass	Peak	7	2338.000	-58.29	-41.20	17.09	Pass	AVG
2	2370.200	-43.39	-21.20	22.19	Pass	Peak	8	2370.200	-51.13	-41.20	9.93	Pass	AVG
3	2377.500	-44.51	-21.20	23.31	Pass	Peak	9	2377.500	-58.26	-41.20	17.06	Pass	AVG
4	2382.100	-43.36	-21.20	22.16	Pass	Peak	10	2382.100	-55.05	-41.20	13.85	Pass	AVG
5	2386.000	-38.06	-21.20	16.86	Pass	Peak	11	2386.000	-46.65	-41.20	5.45	Pass	AVG
6	2389.400	-38.56	-21.20	17.36	Pass	Peak	12	2389.400	-54.02	-41.20	12.82	Pass	AVG

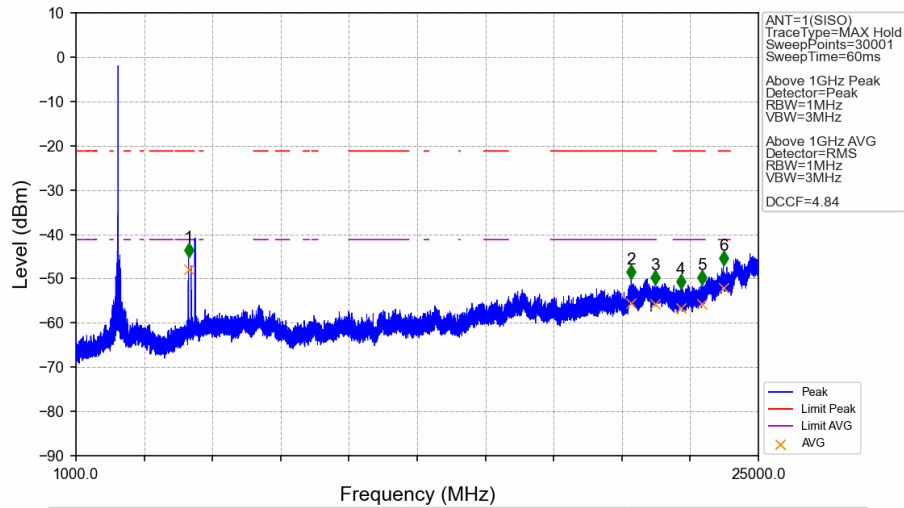
2M_MCH_2440MHz_Ant1_NTNV



No	Frequency (MHz)	Level (dBm)	Limit (dBm)	Margin (dB)	Status	Remark	No	Frequency (MHz)	Level (dBm)	Limit (dBm)	Margin (dB)	Status	Remark
1	4880	-43.14	-21.20	21.94	Pass	Peak	7	4880	-45.45	-41.20	4.25	Pass	AVG
2	19909.6	-51.89	-21.20	30.69	Pass	Peak	8	19909.6	-57.79	-41.20	16.59	Pass	AVG
3	21056.8	-48.36	-21.20	27.16	Pass	Peak	9	21056.8	-54.18	-41.20	12.98	Pass	AVG
4	22175.2	-52.37	-21.20	31.17	Pass	Peak	10	22175.2	-56.86	-41.20	15.66	Pass	AVG
5	22940	-51.20	-21.20	30.00	Pass	Peak	11	22940	-55.93	-41.20	14.73	Pass	AVG
6	23964	-47.64	-21.20	26.44	Pass	Peak	12	23964	-52.98	-41.20	11.78	Pass	AVG

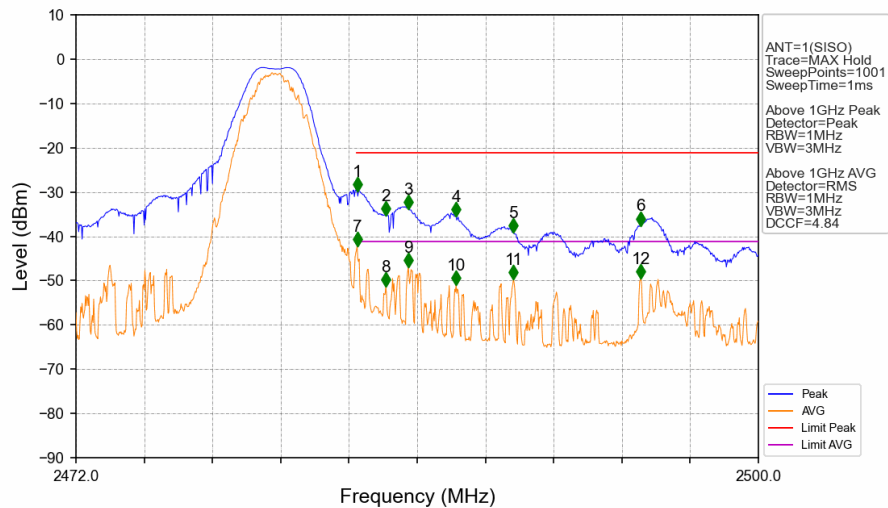


2M_HCH_2480MHz_Ant1_NTNV



No	Frequency (MHz)	Level (dBm)	Limit (dBm)	Margin (dB)	Status	Remark	No	Frequency (MHz)	Level (dBm)	Limit (dBm)	Margin (dB)	Status	Remark
1	4959.2	-45.05	-21.20	23.85	Pass	Peak	7	4959.2	-47.89	-41.20	6.69	Pass	AVG
2	20524.8	-49.98	-21.20	28.78	Pass	Peak	8	20524.8	-55.63	-41.20	14.43	Pass	AVG
3	21358.4	-51.38	-21.20	30.18	Pass	Peak	9	21358.4	-55.69	-41.20	14.49	Pass	AVG
4	22277.6	-52.27	-21.20	31.07	Pass	Peak	10	22277.6	-56.68	-41.20	15.48	Pass	AVG
5	23022.4	-51.31	-21.20	30.11	Pass	Peak	11	23022.4	-55.79	-41.20	14.59	Pass	AVG
6	23768	-46.99	-21.20	25.79	Pass	Peak	12	23768	-52.20	-41.20	11.00	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	2483.536	-29.79	-21.20	8.59	Pass	Peak	7	2483.536	-42.21	-41.20	1.01	Pass	AVG
2	2484.712	-35.33	-21.20	14.13	Pass	Peak	8	2484.712	-51.33	-41.20	10.13	Pass	AVG
3	2485.636	-33.77	-21.20	12.57	Pass	Peak	9	2485.636	-46.87	-41.20	5.67	Pass	AVG
4	2487.596	-35.54	-21.20	14.34	Pass	Peak	10	2487.596	-50.96	-41.20	9.76	Pass	AVG
5	2489.948	-39.14	-21.20	17.94	Pass	Peak	11	2489.948	-49.74	-41.20	8.54	Pass	AVG
6	2495.184	-37.57	-21.20	16.37	Pass	Peak	12	2495.184	-49.58	-41.20	8.38	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	0.0008	-0.83