

10 Appendix

1. Duty Cycle

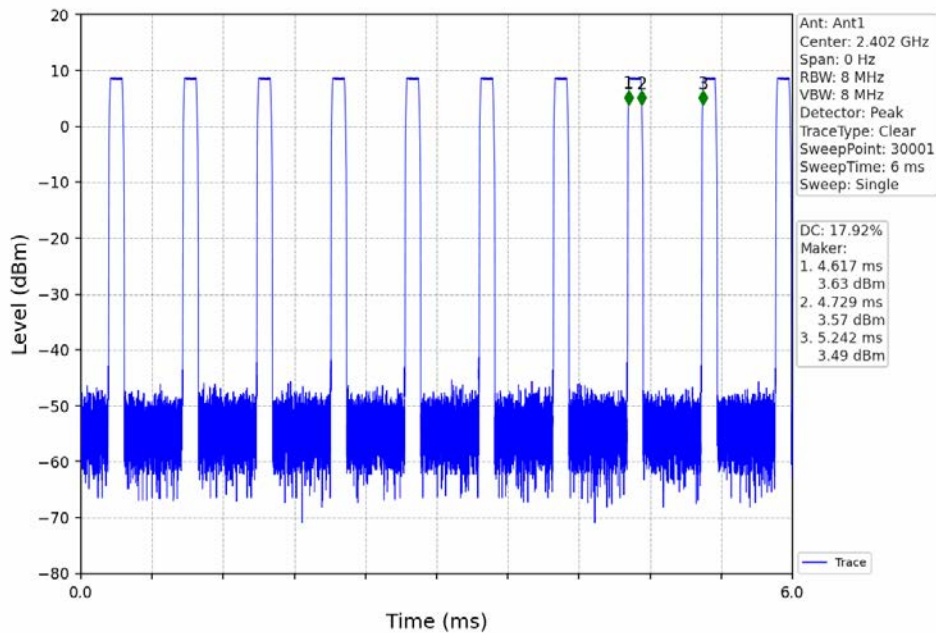
1.1 Ant1

1.1.1 Test Result

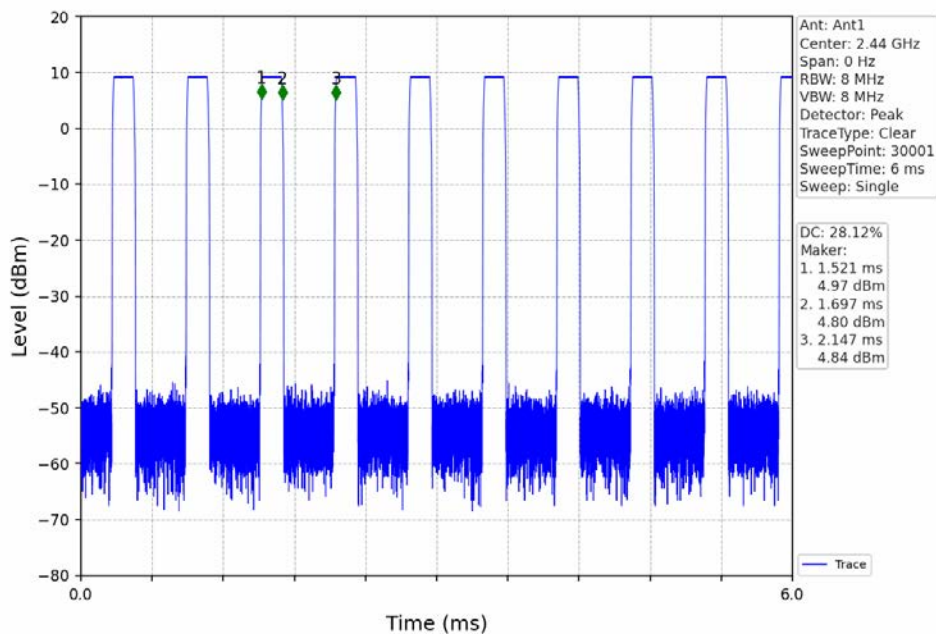
Ant1							
Mode	TX Type	Frequency (MHz)	T_on (ms)	Period (ms)	Duty Cycle (%)	Duty Cycle Correction Factor (dB)	Max. DC Variation (%)
1M	SISO	2402	0.112	0.625	17.92	7.47	0.03
		2440	0.176	0.626	28.12	5.51	0.02
		2480	0.177	0.625	28.32	5.48	0.00
2M	SISO	2402	0.109	0.626	17.41	7.59	0.04
		2440	0.109	0.625	17.44	7.58	0.03
		2480	0.109	0.625	17.44	7.58	0.00

1.1.2 Test Graph

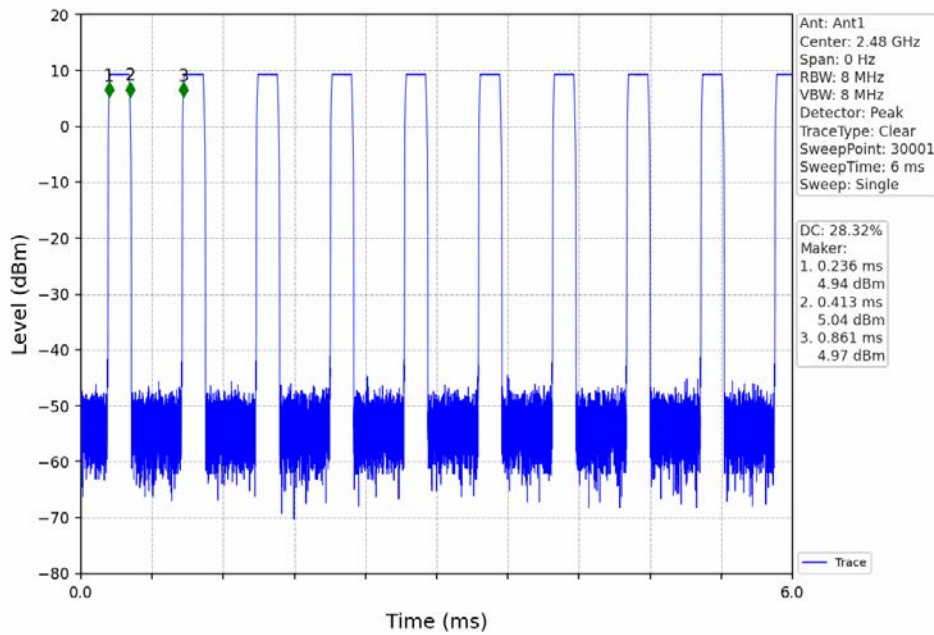
1M_LCH_2402MHz_DataRate=_Ant1_NTNV



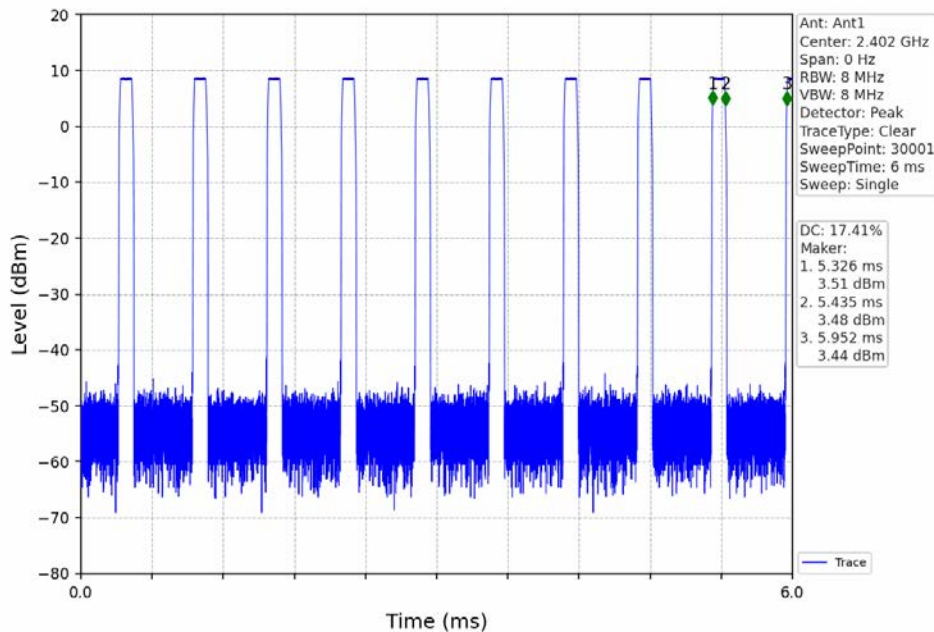
1M_MCH_2440MHz_DataRate=_Ant1_NTNV



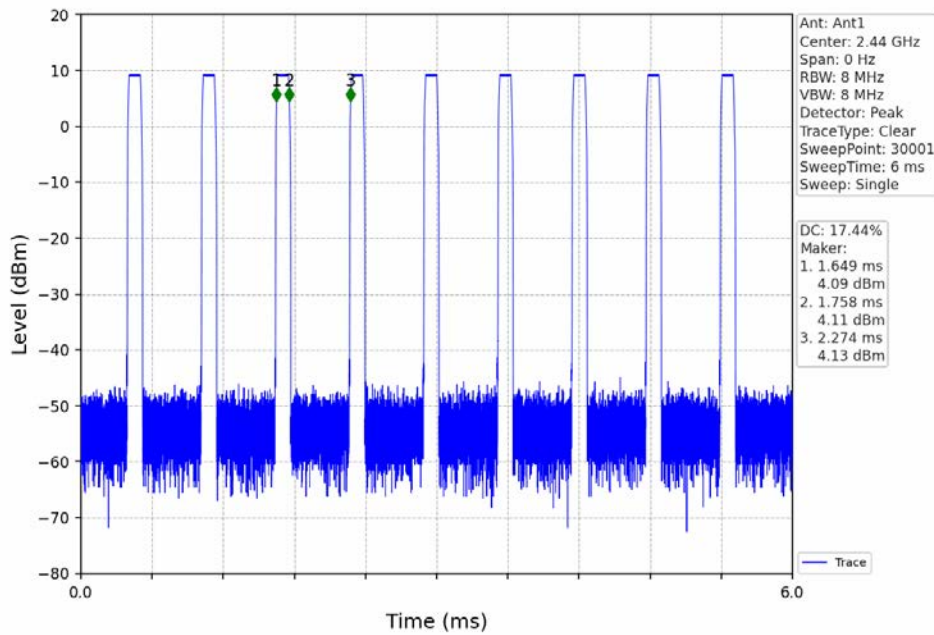
1M_HCH_2480MHz_DataRate=_Ant1_NTNV



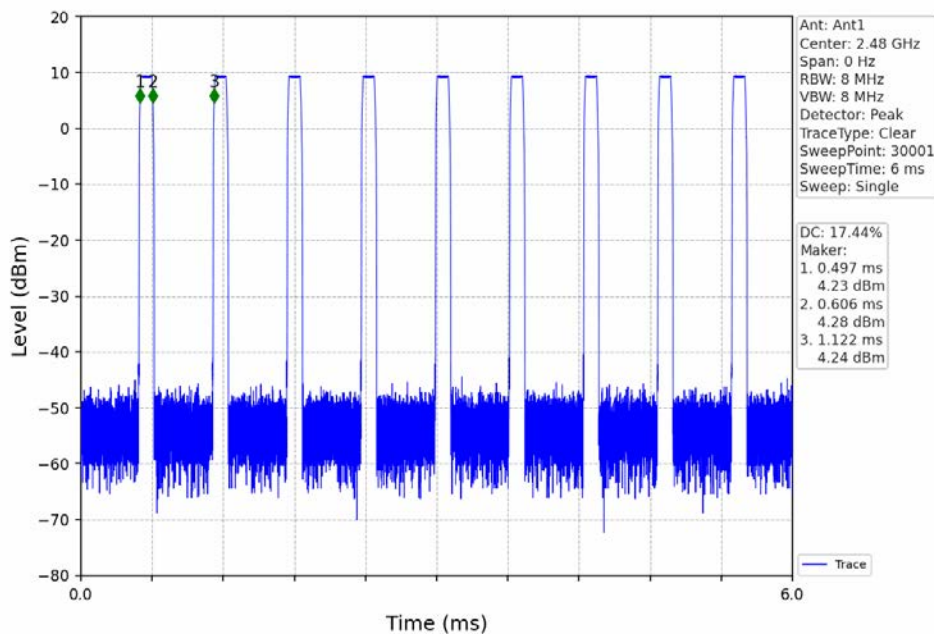
2M_LCH_2402MHz_DataRate=_Ant1_NTNV



2M_MCH_2440MHz_DataRate=_Ant1_NTNV



2M_HCH_2480MHz_DataRate=_Ant1_NTNV



2. Bandwidth

2.1 6dB BW

2.1.1 Test Result

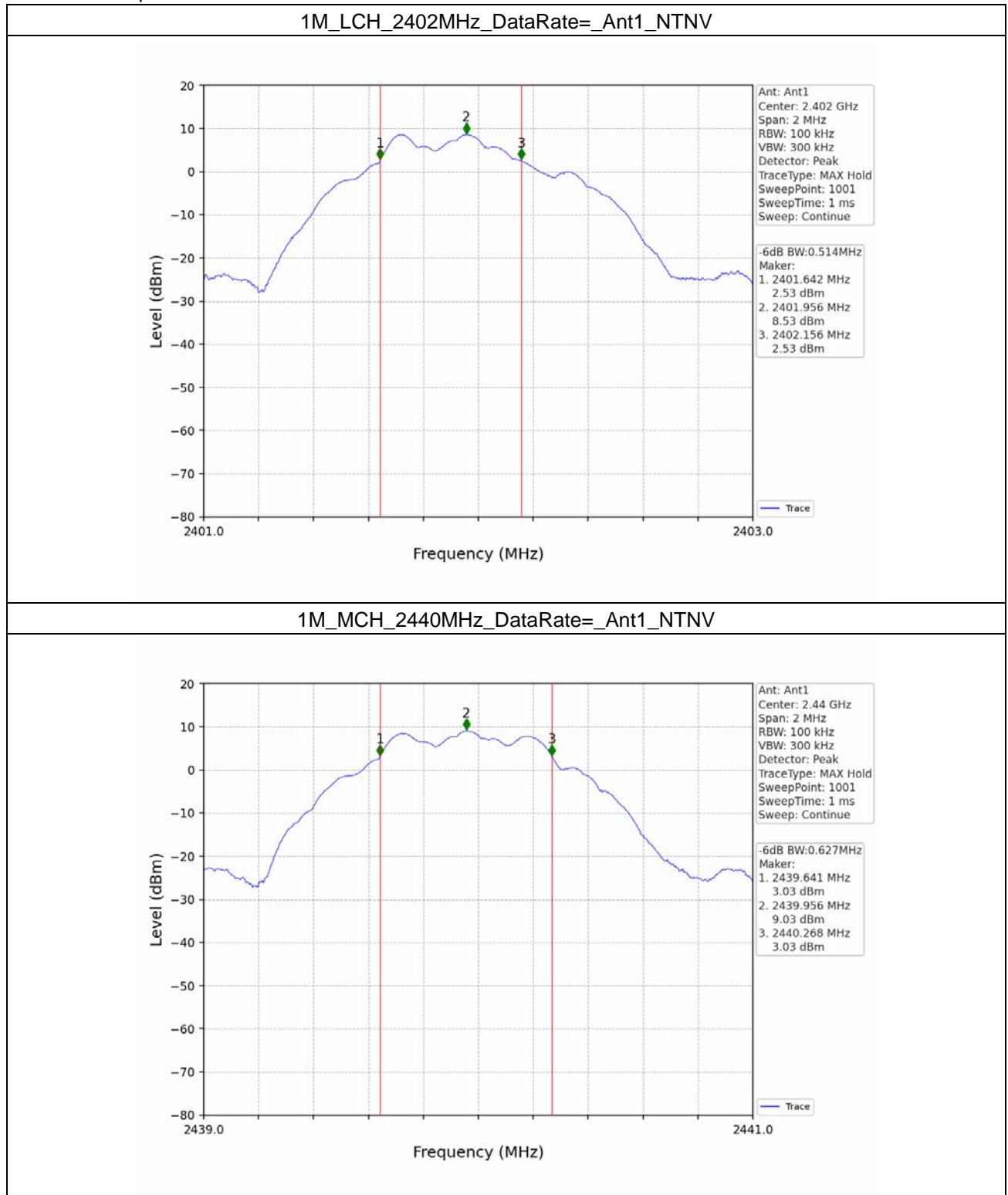
Mode	TX Type	Frequency (MHz)	Ant	6dB Bandwidth (MHz)		Verdict
				Result	Limit	
1M	SISO	2402	1	0.514	≥ 0.5	Pass
		2440	1	0.627	≥ 0.5	Pass
		2480	1	0.628	≥ 0.5	Pass
2M	SISO	2402	1	0.785	≥ 0.5	Pass
		2440	1	0.782	≥ 0.5	Pass
		2480	1	0.784	≥ 0.5	Pass



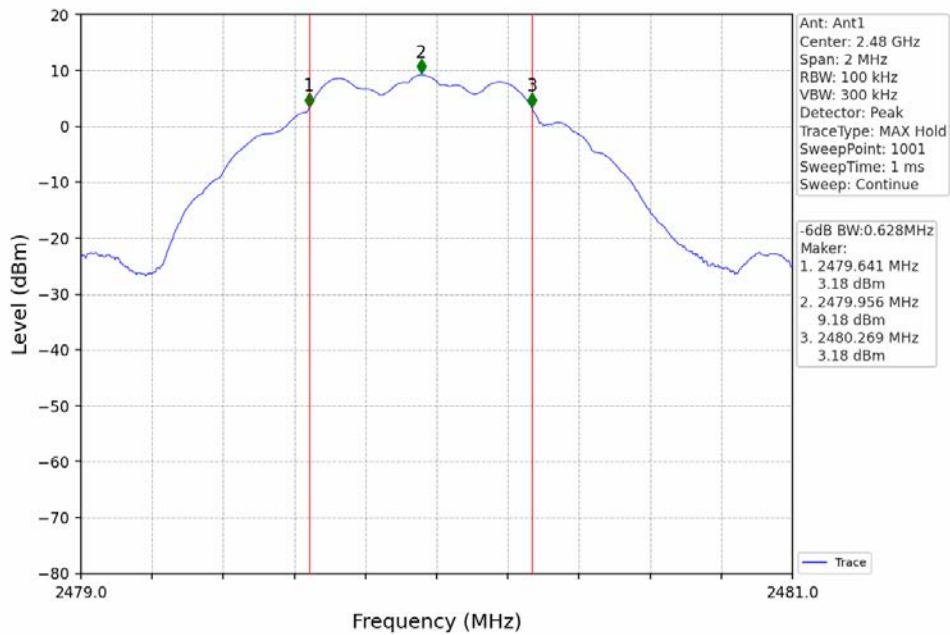
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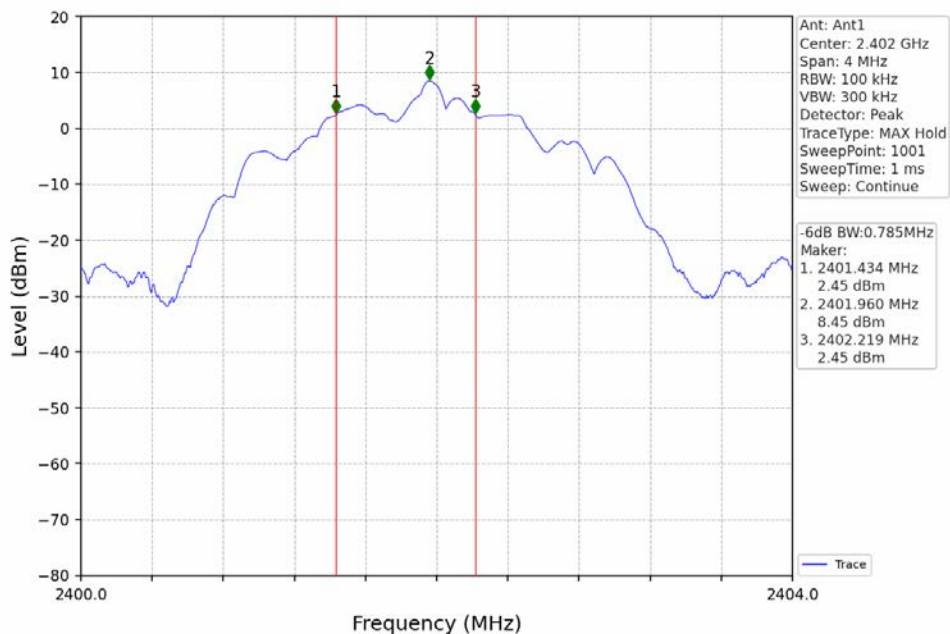
2.2.2 Test Graph



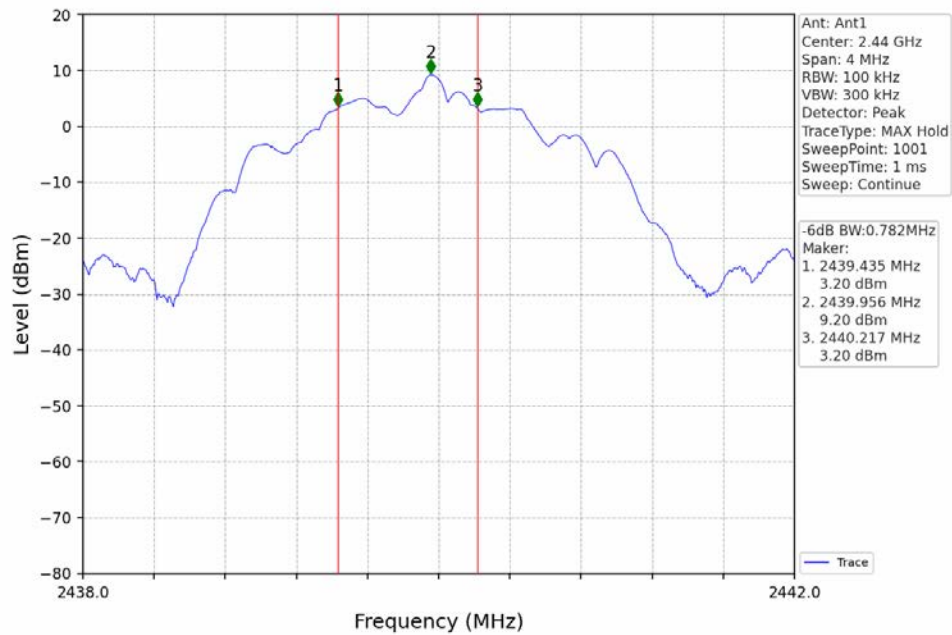
1M_HCH_2480MHz_DataRate=_Ant1_NTNV



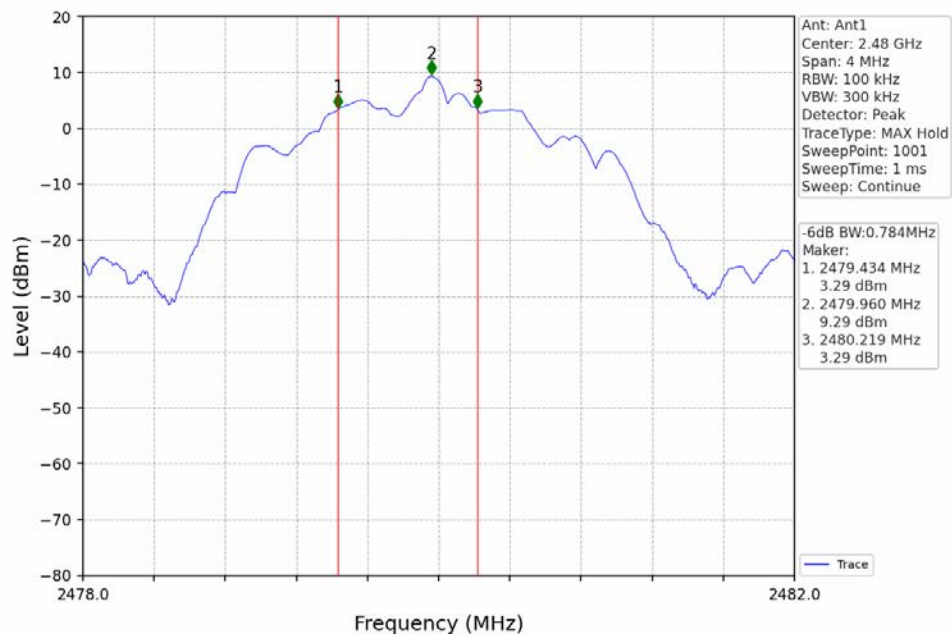
2M_LCH_2402MHz_DataRate=_Ant1_NTNV



2M_MCH_2440MHz_DataRate=_Ant1_NTNV



2M_HCH_2480MHz_DataRate=_Ant1_NTNV



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
			Ant1	Limit	
1M	SISO	2402	8.60	<=30	Pass
		2440	9.17	<=30	Pass
		2480	9.32	<=30	Pass
2M	SISO	2402	8.53	<=30	Pass
		2440	9.29	<=30	Pass
		2480	9.38	<=30	Pass

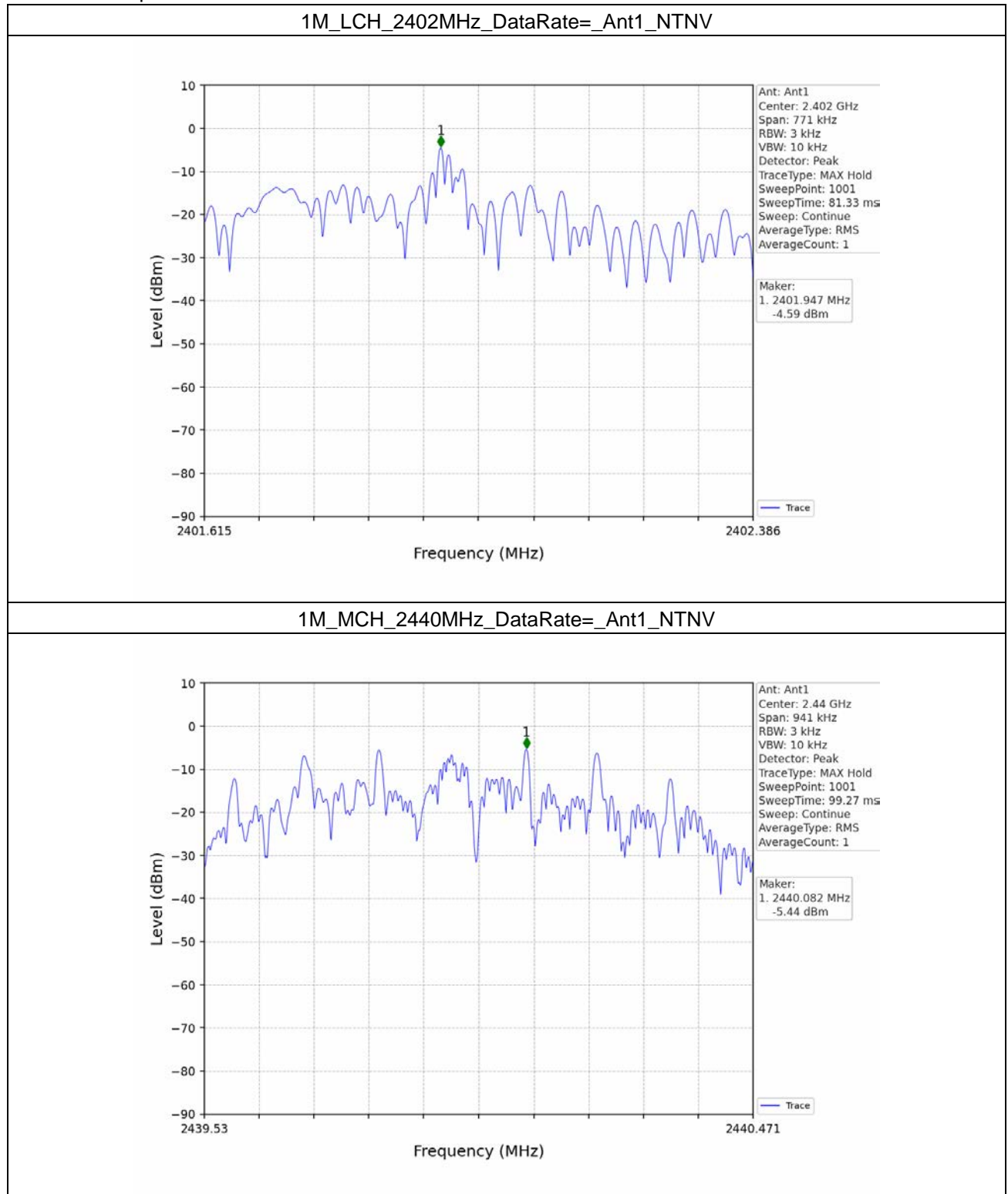
4. Maximum Power Spectral Density

4.1 PSD

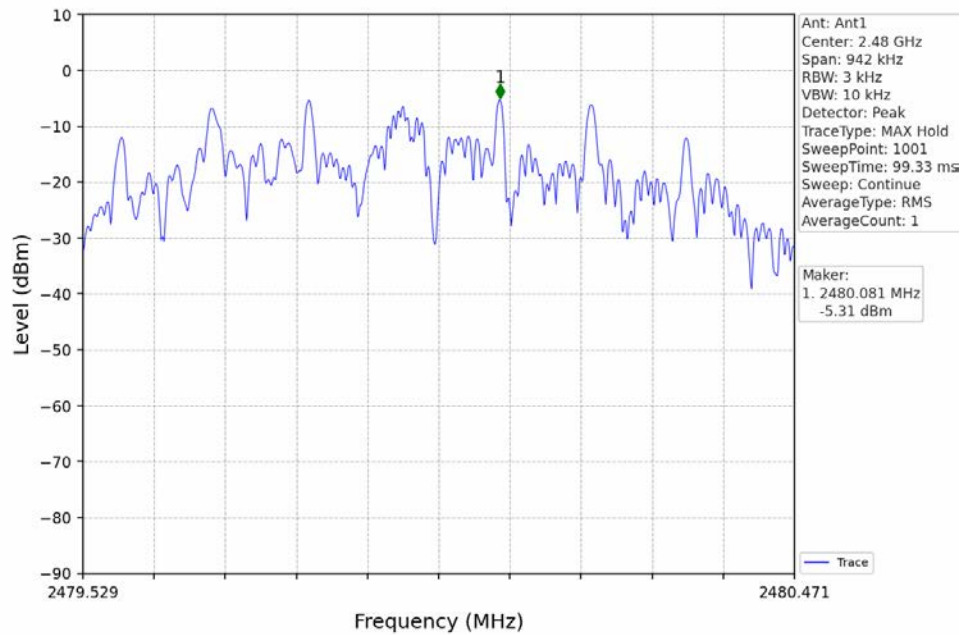
4.1.1 Test Result

Mode	TX Type	Frequency (MHz)	Maximum PSD (dBm/3kHz)		Verdict
			Ant1	Limit	
1M	SISO	2402	-4.59	<=8	Pass
		2440	-5.44	<=8	Pass
		2480	-5.31	<=8	Pass
2M	SISO	2402	-7.08	<=8	Pass
		2440	-6.33	<=8	Pass
		2480	-6.29	<=8	Pass

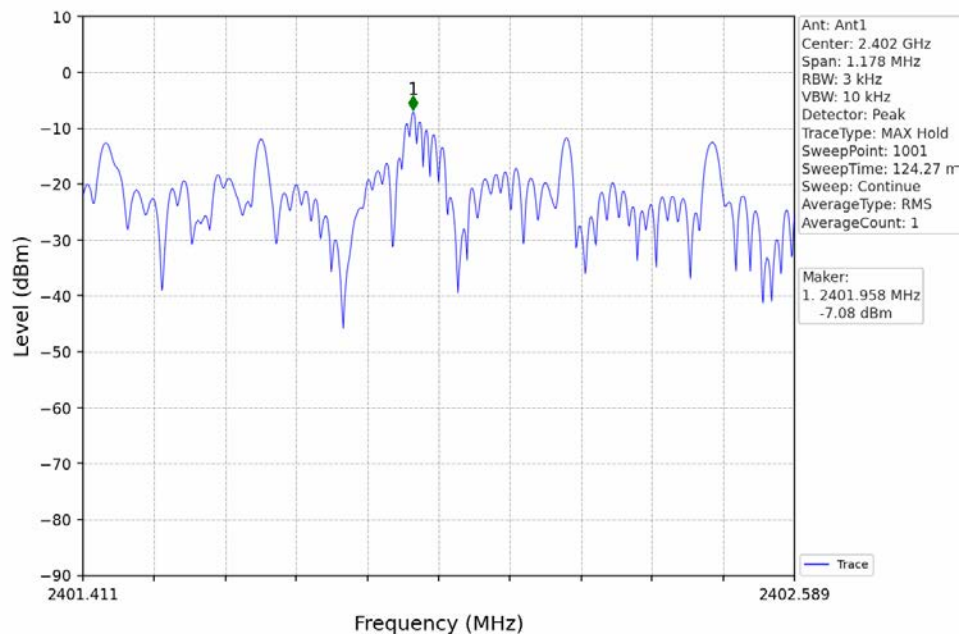
4.1.2 Test Graph



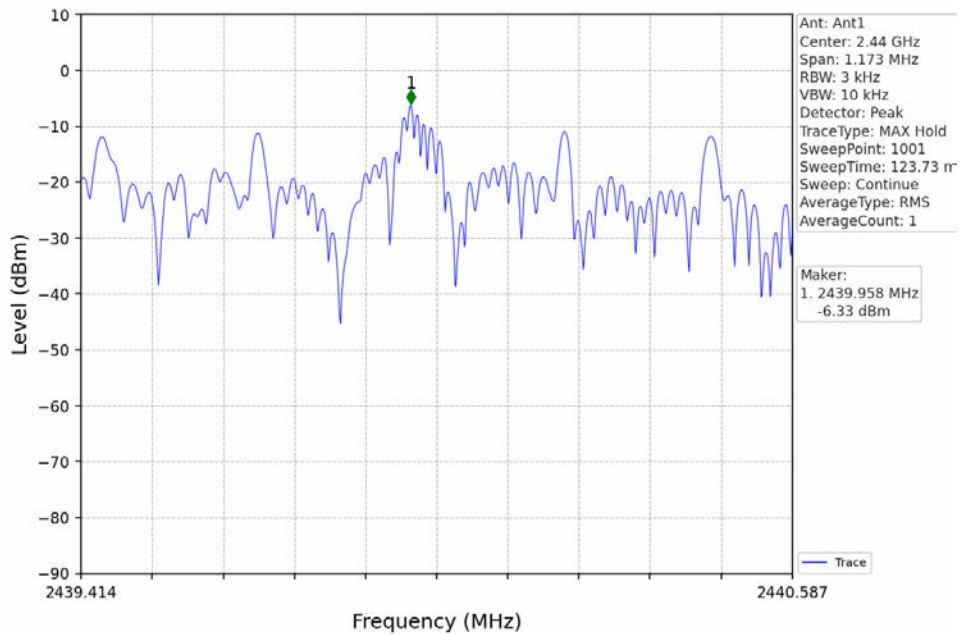
1M_HCH_2480MHz_DataRate=_Ant1_NTNV



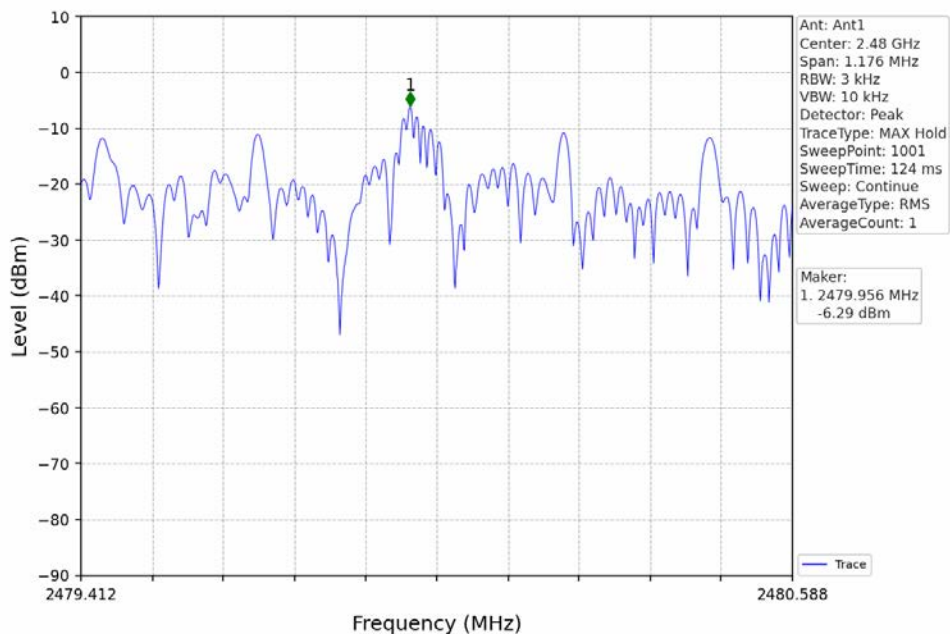
2M_LCH_2402MHz_DataRate=_Ant1_NTNV



2M_MCH_2440MHz_DataRate=_Ant1_NTNV



2M_HCH_2480MHz_DataRate=_Ant1_NTNV



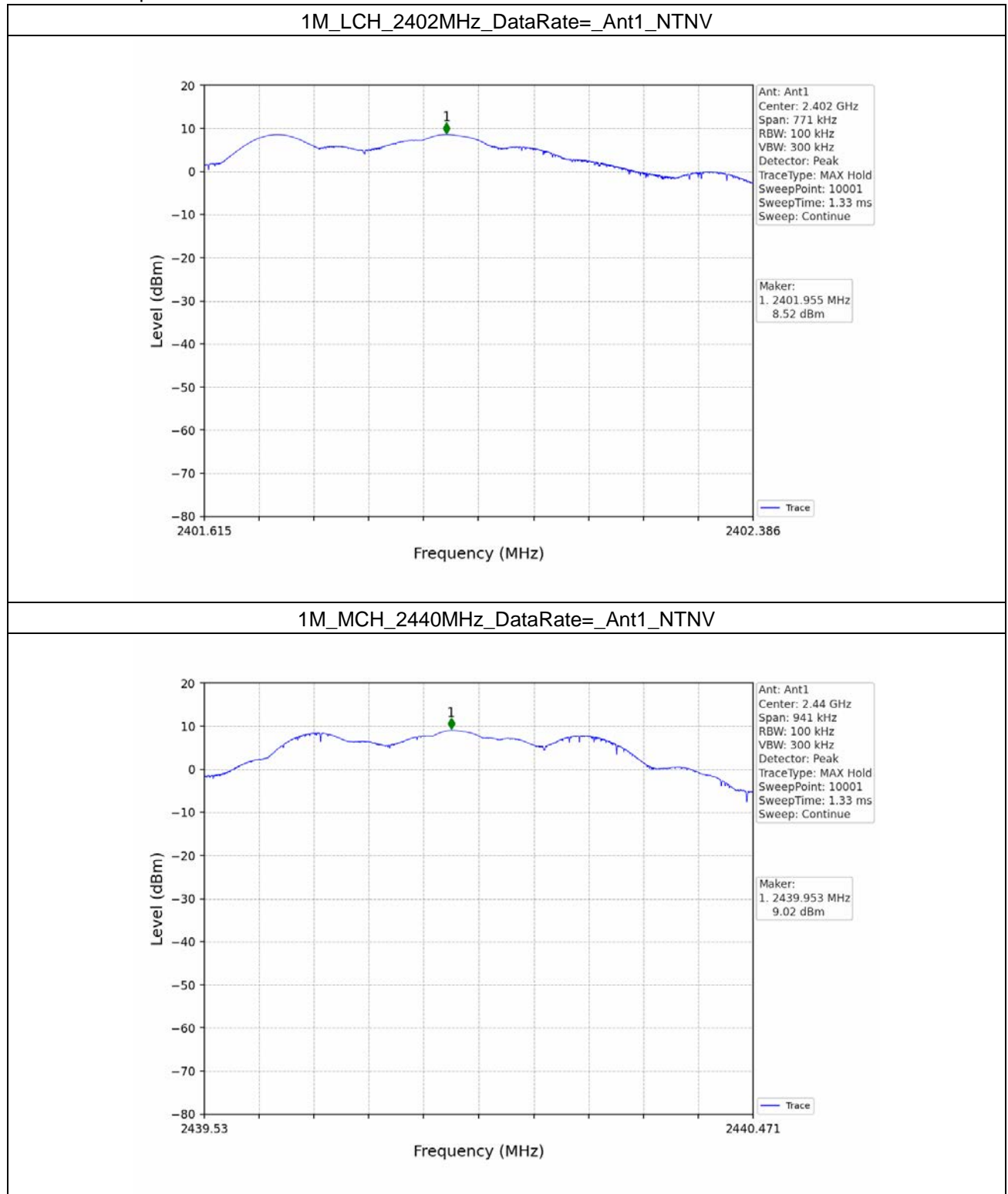
5. Unwanted Emissions In Non-restricted Frequency Bands

5.1 Ref

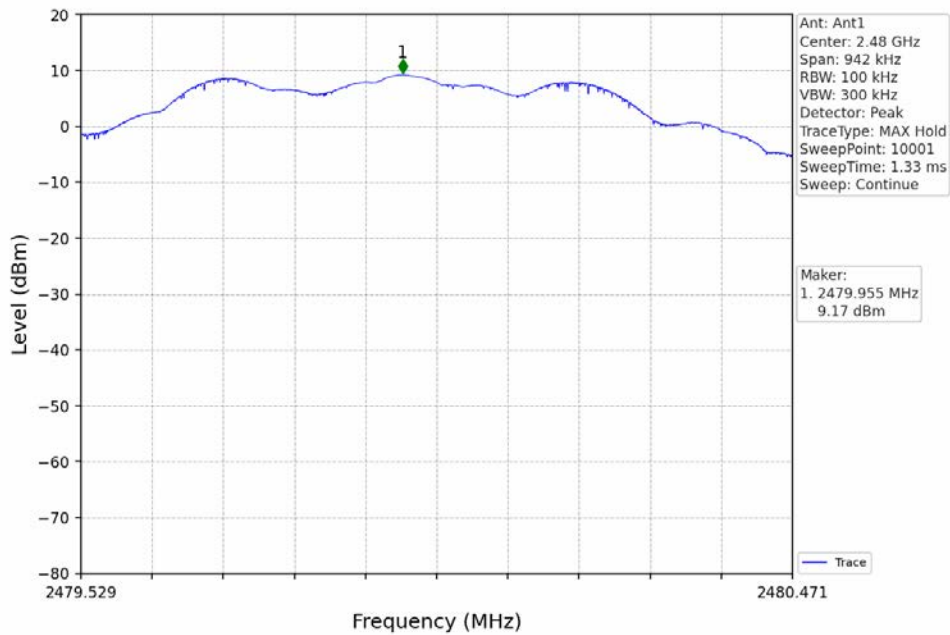
5.1.1 Test Result

Mode	TX Type	Frequency (MHz)	Ant	Level of Reference (dBm)
1M	SISO	2402	1	8.52
		2440	1	9.02
		2480	1	9.17
2M	SISO	2402	1	8.42
		2440	1	9.17
		2480	1	9.28

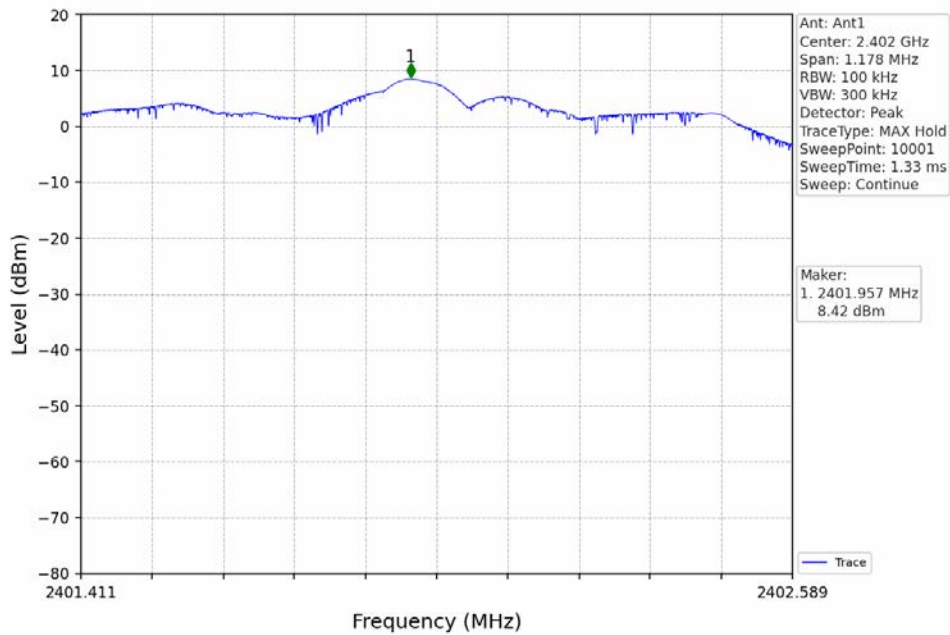
5.1.2 Test Graph



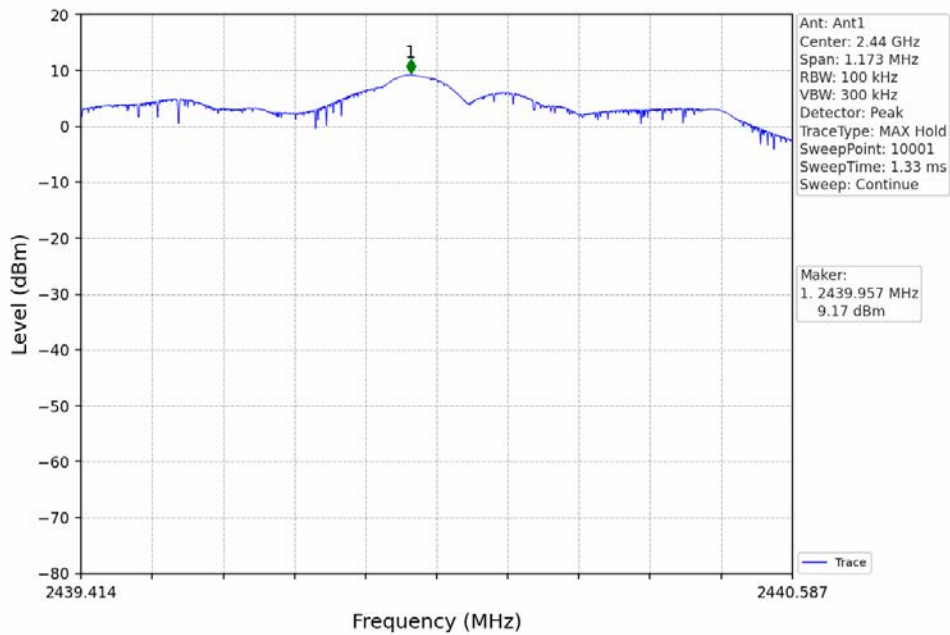
1M_HCH_2480MHz_DataRate=_Ant1_NTNV



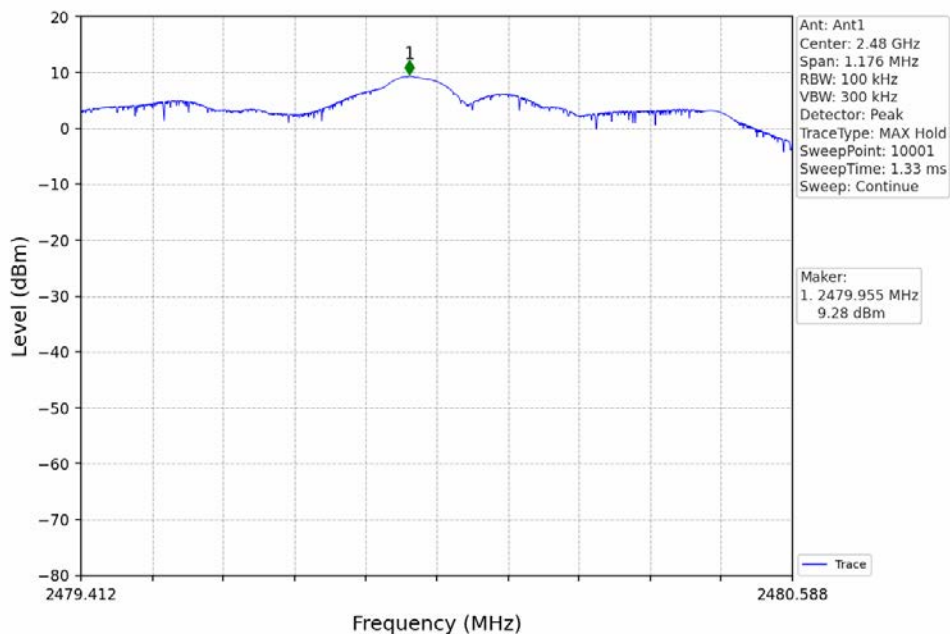
2M_LCH_2402MHz_DataRate=_Ant1_NTNV



2M_MCH_2440MHz_DataRate=_Ant1_NTNV



2M_HCH_2480MHz_DataRate=_Ant1_NTNV

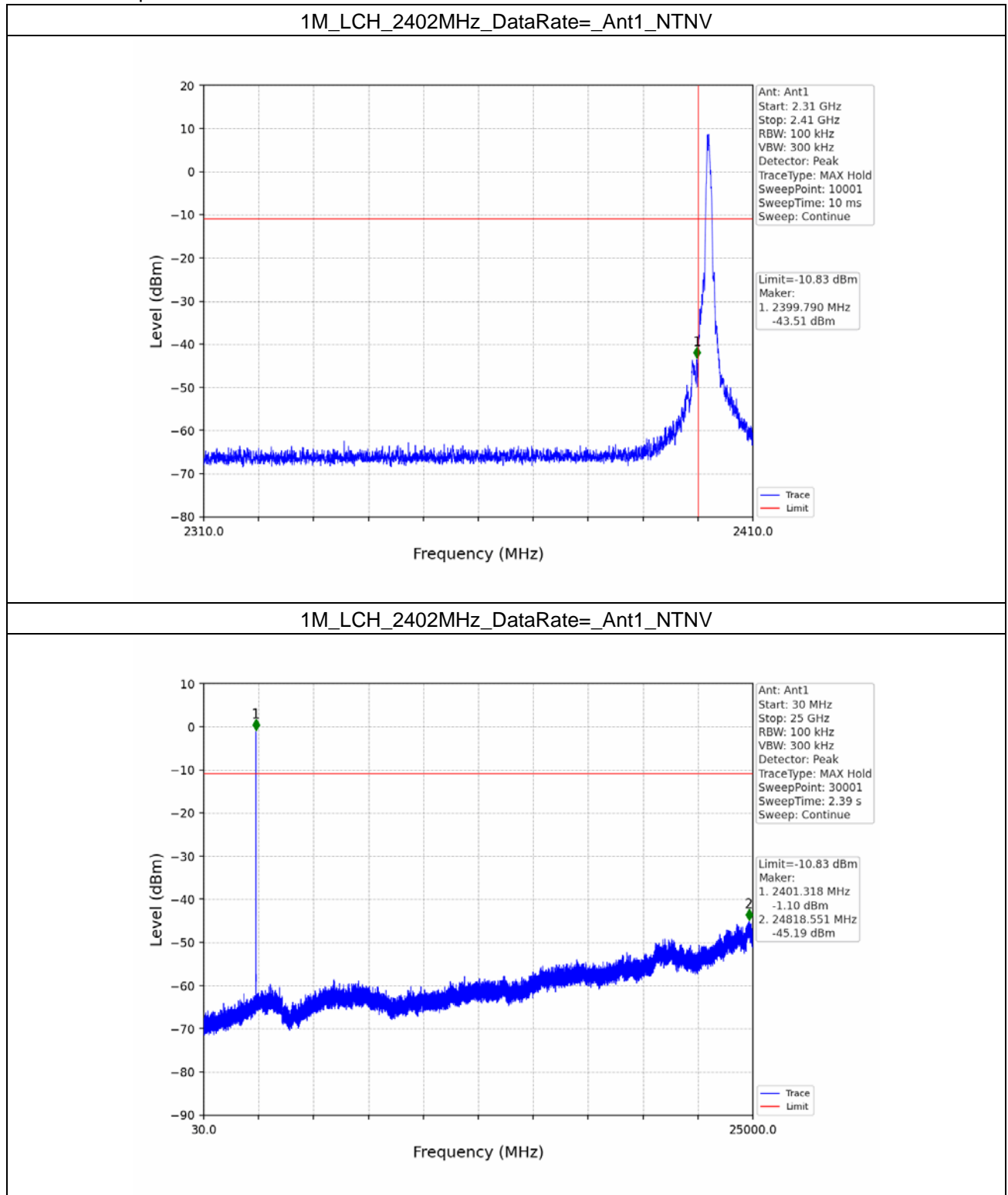


5.2 CSE

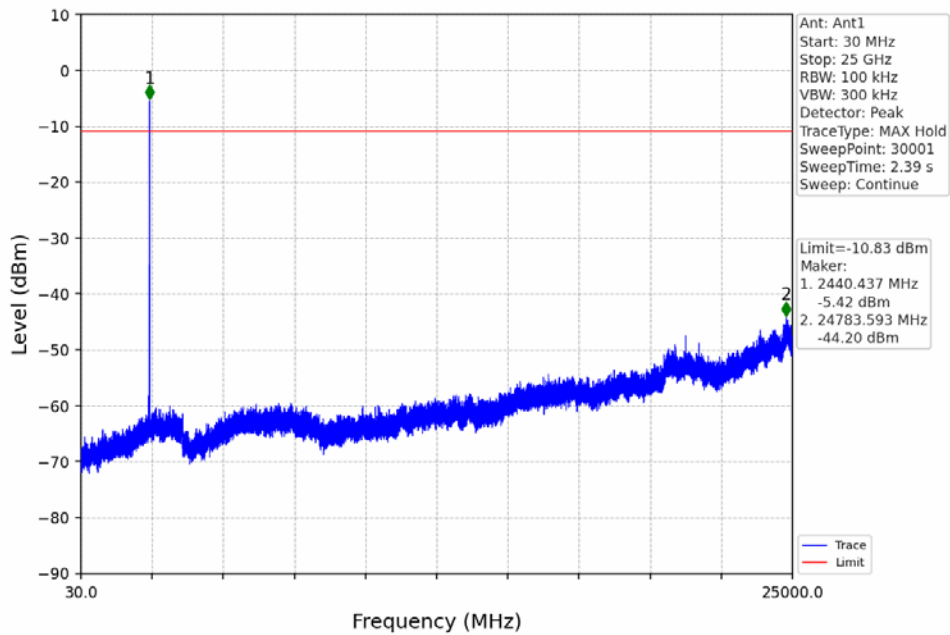
5.2.1 Test Result

Mode	TX Type	Frequency (MHz)	Ant	Level of Reference (dBm)	Limit (dBm)	Verdict
1M	SISO	2402	1	9.17	-10.83	Pass
		2440	1	9.17	-10.83	Pass
		2480	1	9.17	-10.83	Pass
2M	SISO	2402	1	9.28	-10.72	Pass
		2440	1	9.28	-10.72	Pass
		2480	1	9.28	-10.72	Pass

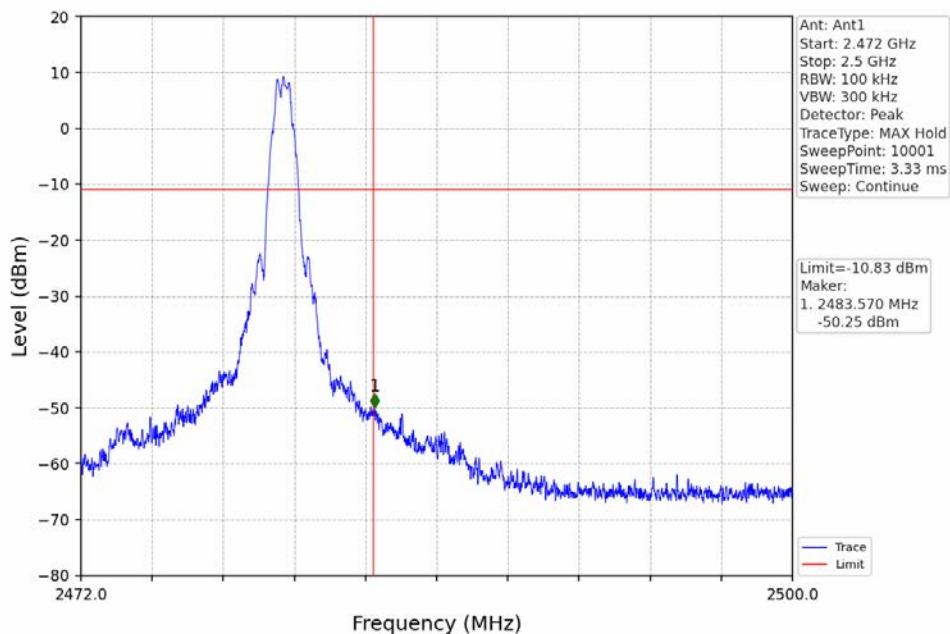
5.2.2 Test Graph



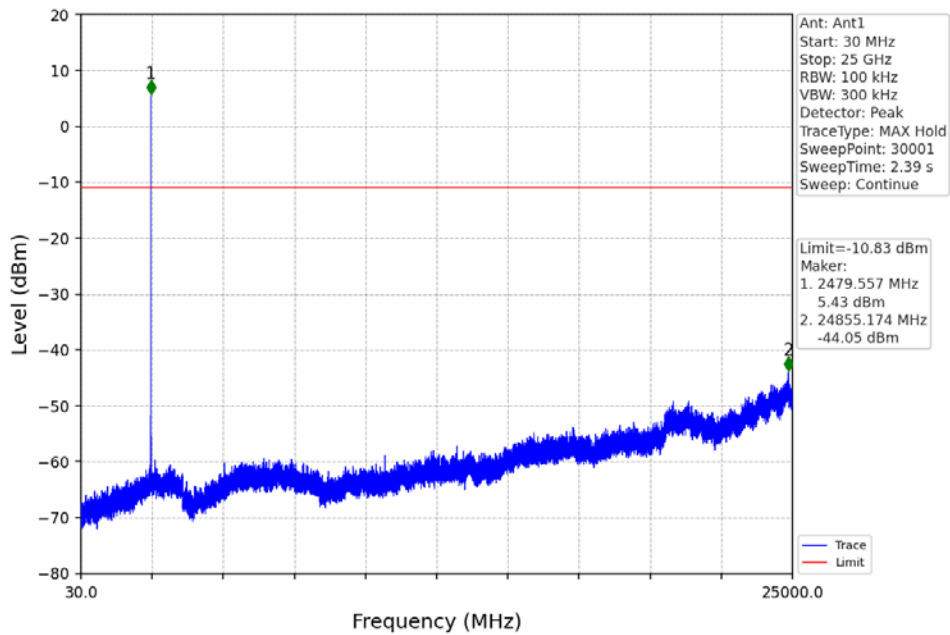
1M_MCH_2440MHz_DataRate=_Ant1_NTNV



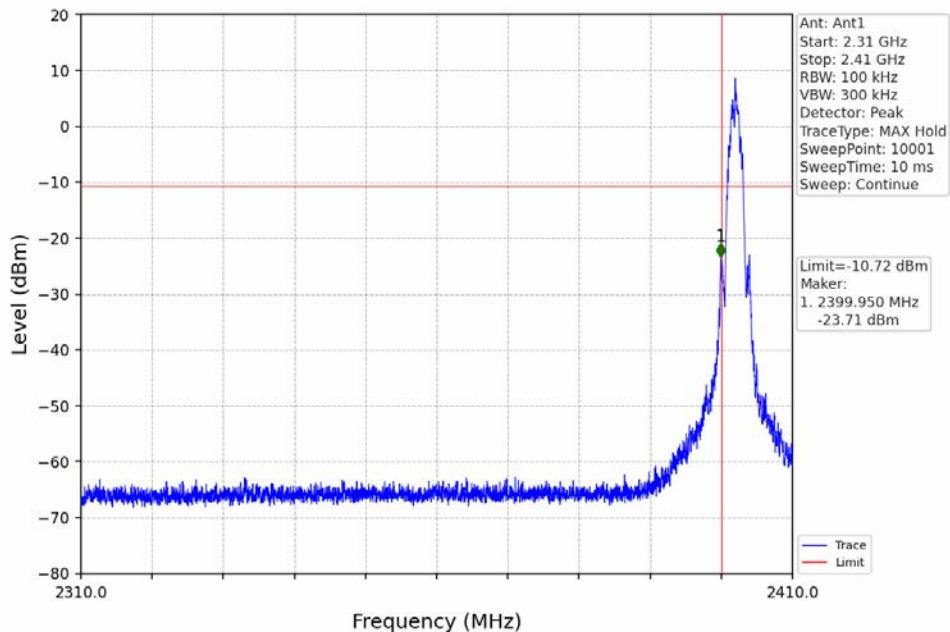
1M_HCH_2480MHz_DataRate=_Ant1_NTNV



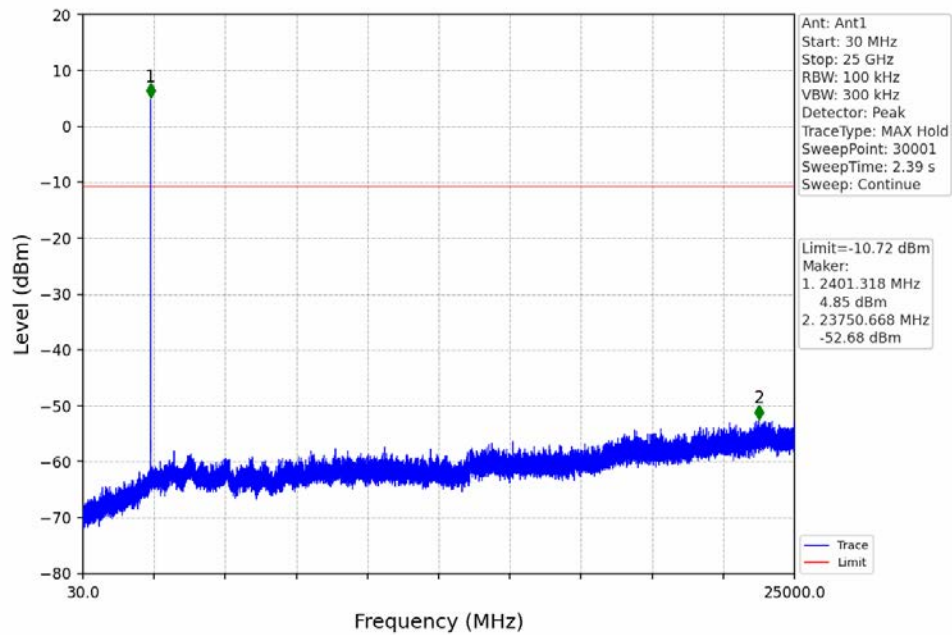
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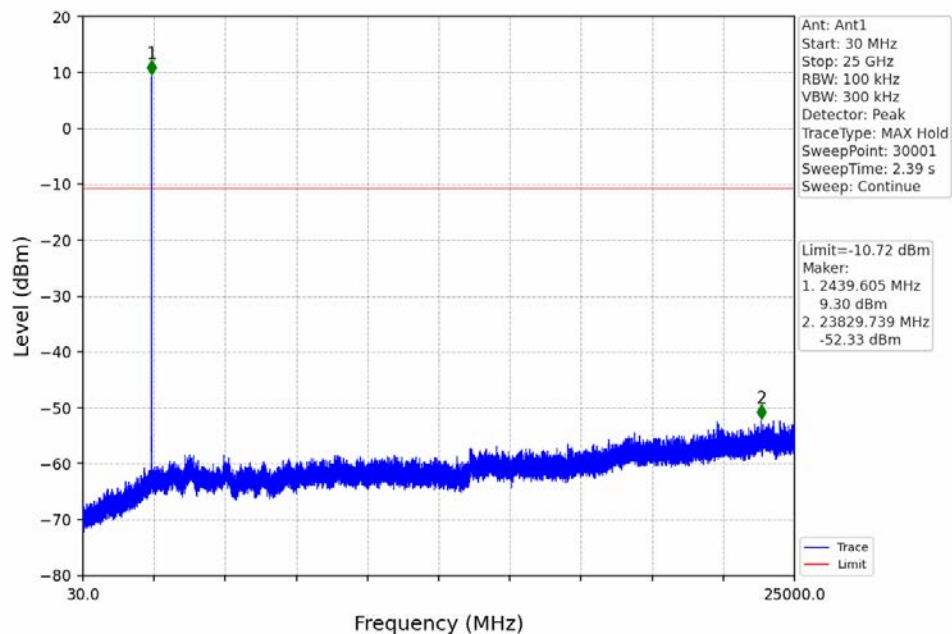
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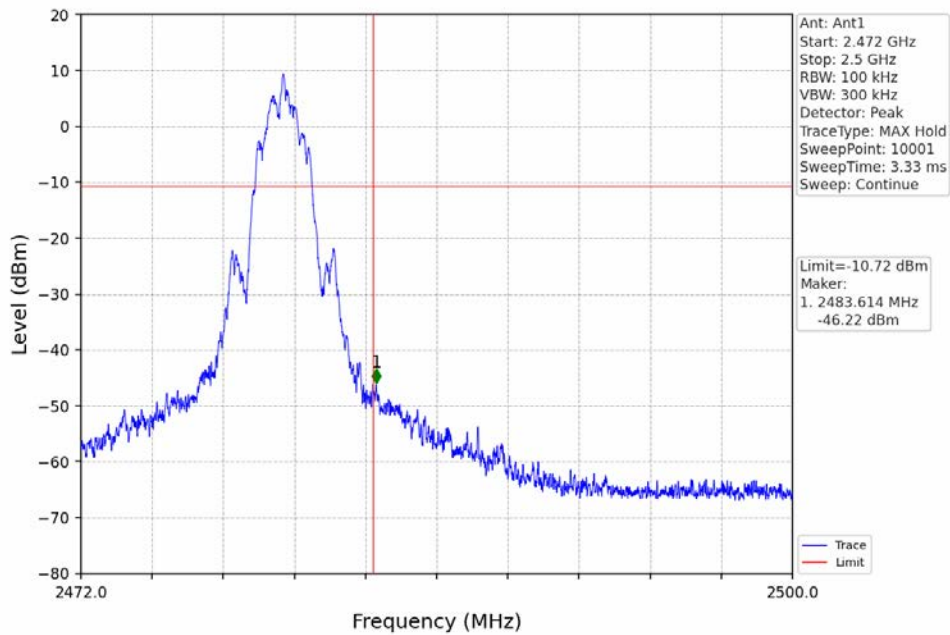
2M_LCH_2402MHz_DataRate=_Ant1_NTNV



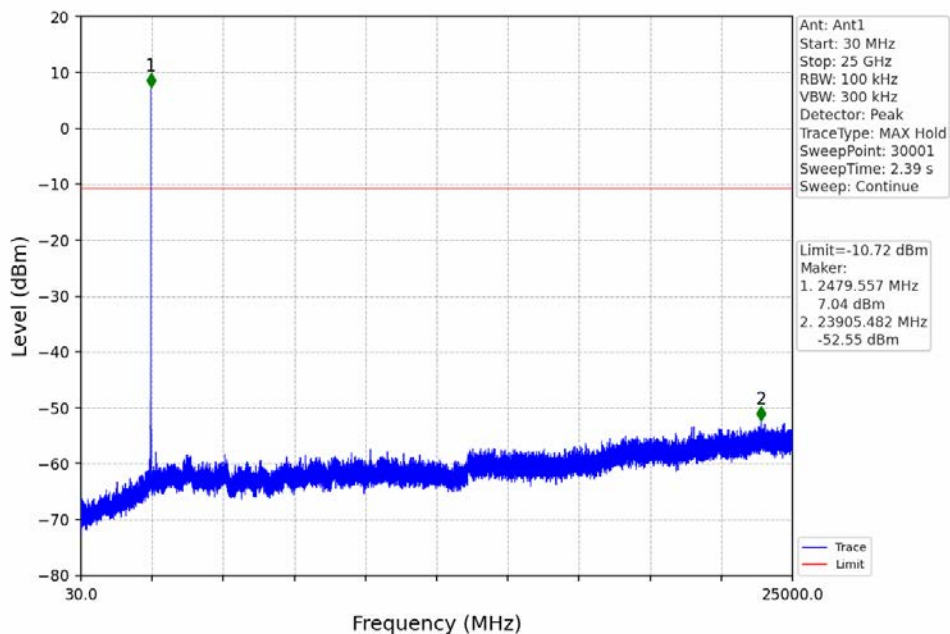
2M_MCH_2440MHz_DataRate=_Ant1_NTNV



2M_HCH_2480MHz_DataRate=_Ant1_NTNV



2M_HCH_2480MHz_DataRate=_Ant1_NTNV



- End of the Report -