

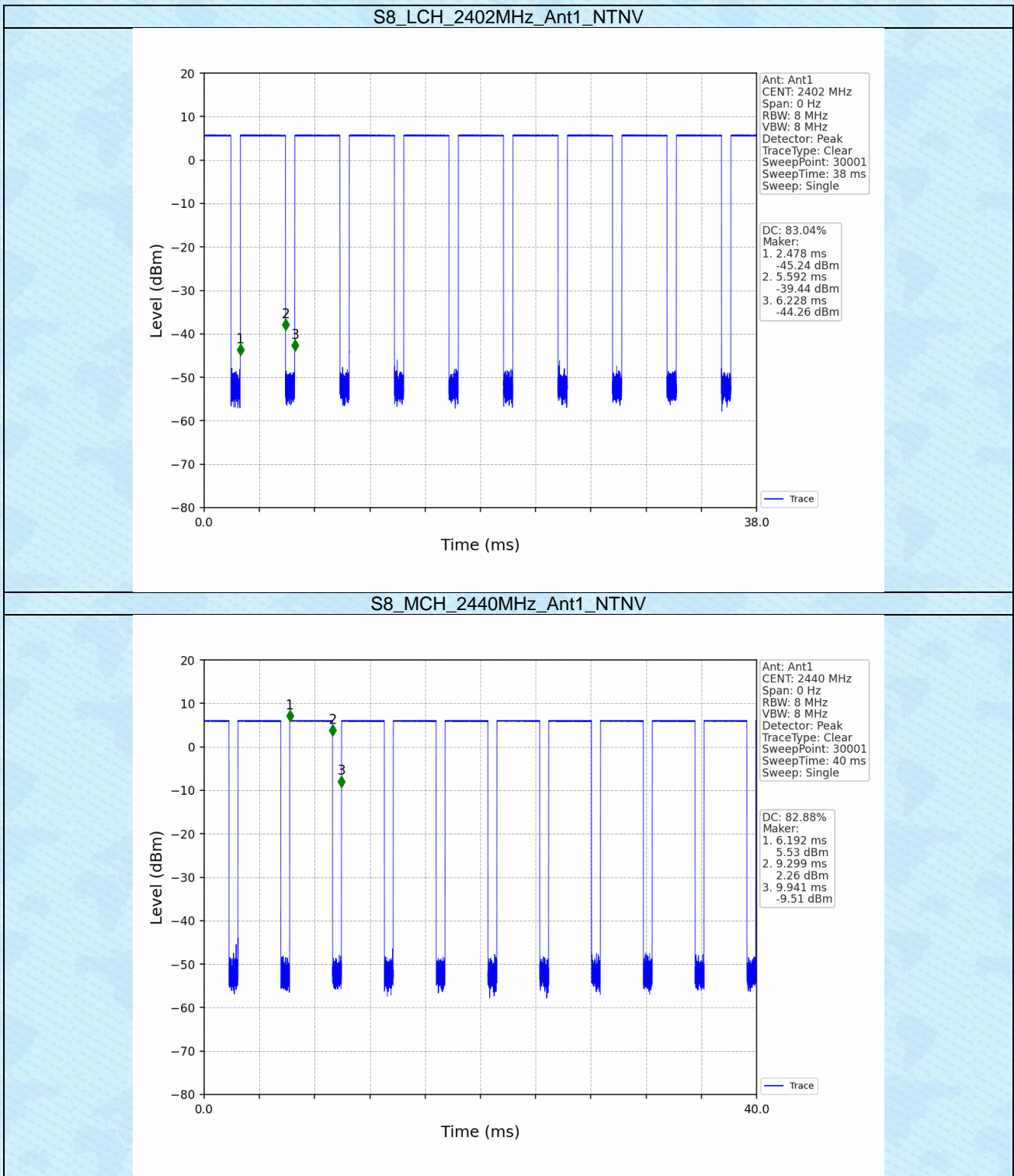
1. Duty Cycle

1.1 Ant1

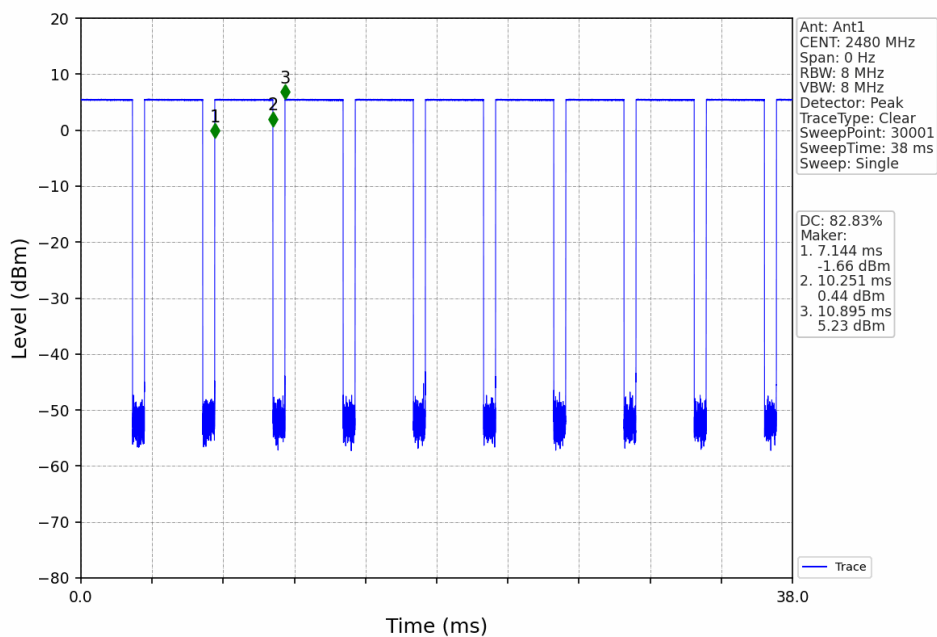
1.1.1 Test Result

Ant1							
Mode	TX Type	Frequency (MHz)	T_on (ms)	Period (ms)	Duty Cycle (%)	Duty Cycle Correction Factor (dB)	Max. DC Variation (%)
S8	SISO	2402	3.114	3.750	83.04	0.81	0.03
		2440	3.107	3.749	82.88	0.82	0.01
		2480	3.107	3.751	82.83	0.82	0.03
S2	SISO	2402	1.081	1.876	57.62	2.39	0.03
		2440	1.073	1.876	57.20	2.43	0.03
		2480	1.073	1.876	57.20	2.43	0.03
1M	SISO	2402	0.395	0.625	63.20	1.99	0.00
		2440	0.395	0.625	63.20	1.99	0.03
		2480	0.395	0.625	63.20	1.99	0.03
2M	SISO	2402	0.209	0.625	33.44	4.76	0.00
		2440	0.209	0.625	33.44	4.76	0.00
		2480	0.209	0.625	33.44	4.76	0.00

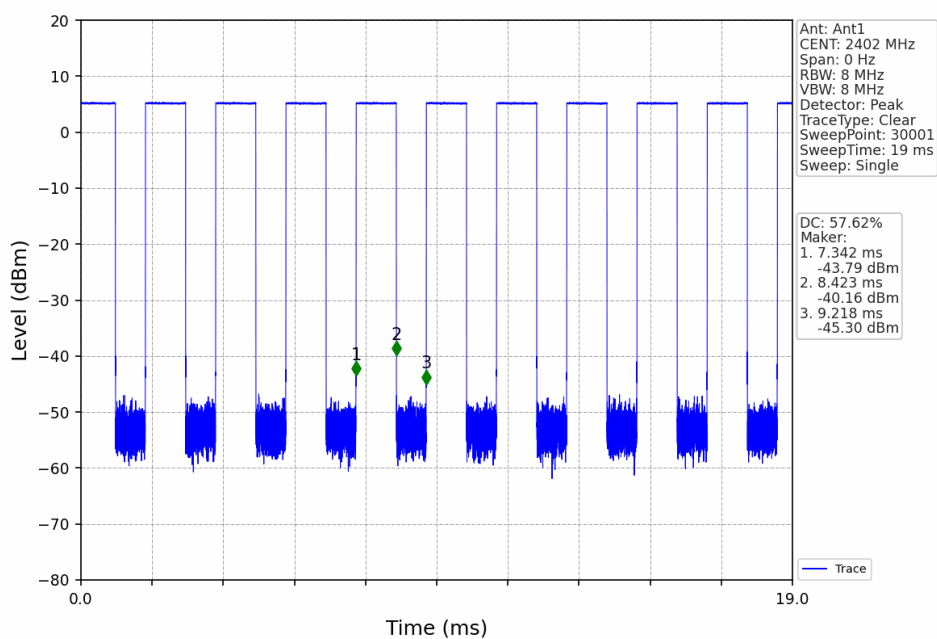
1.1.2 Test Graph



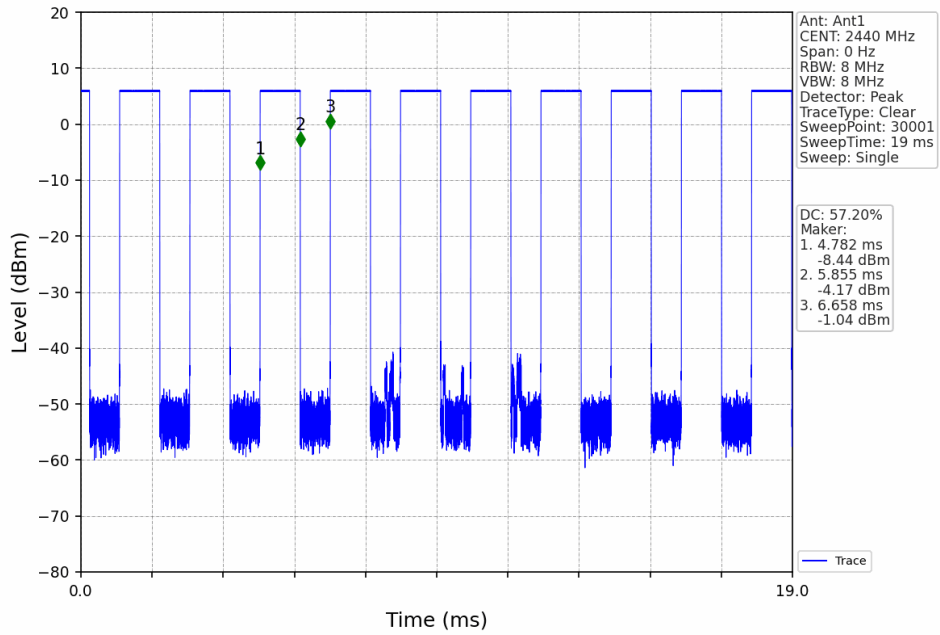
S8_HCH_2480MHz_Ant1_NTNV



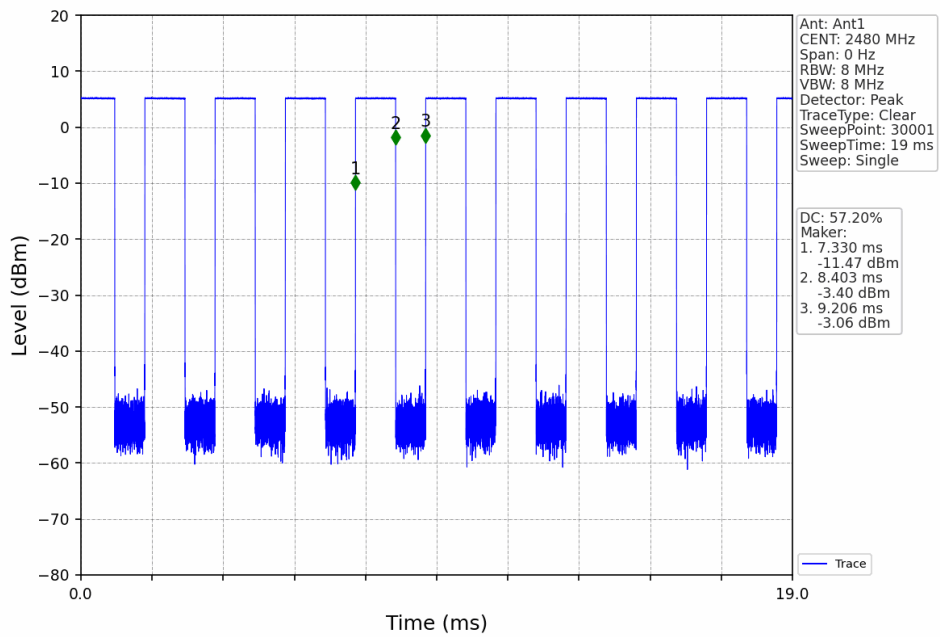
S2_LCH_2402MHz_Ant1_NTNV



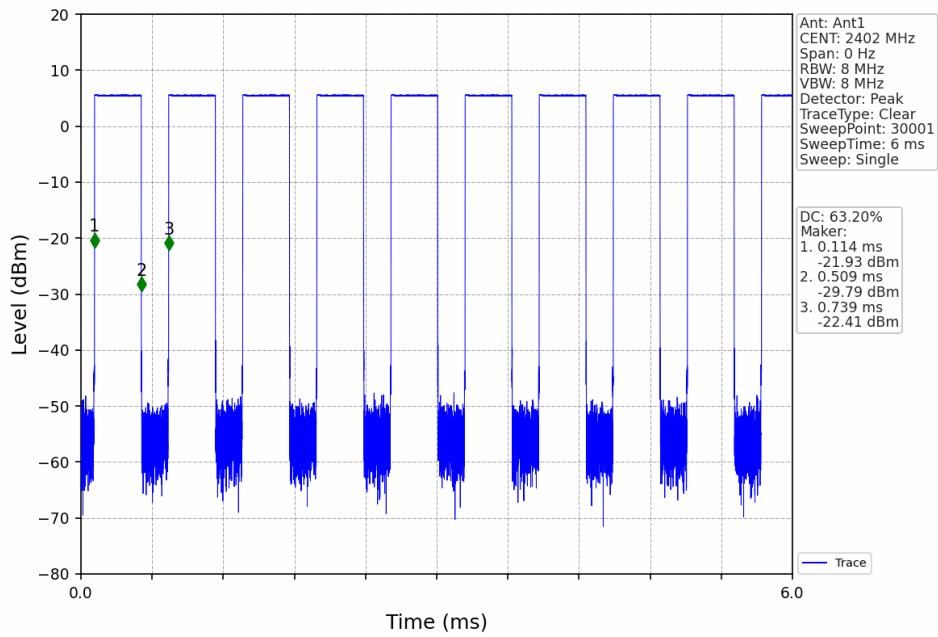
S2_MCH_2440MHz_Ant1_NTNV



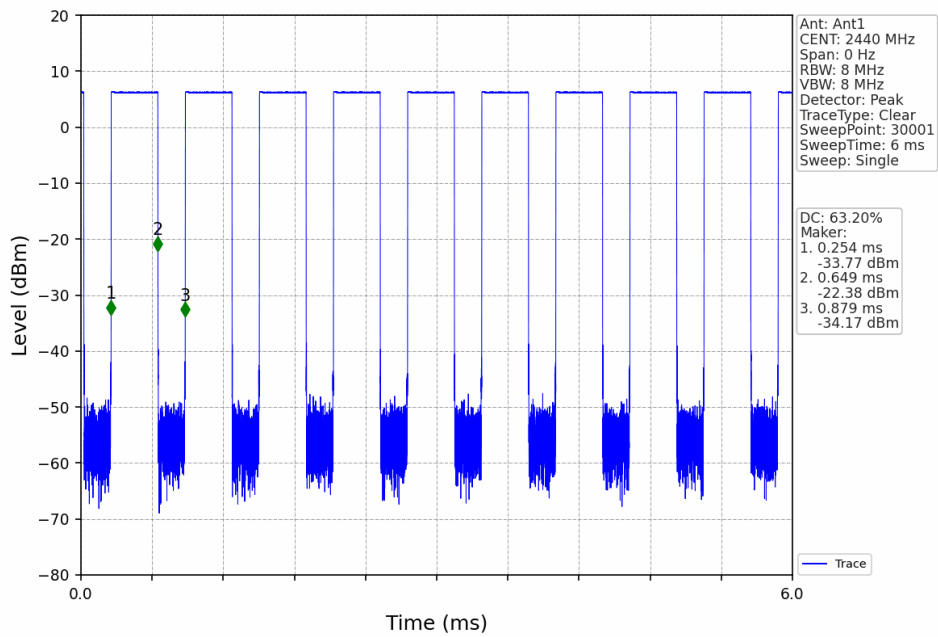
S2_HCH_2480MHz_Ant1_NTNV



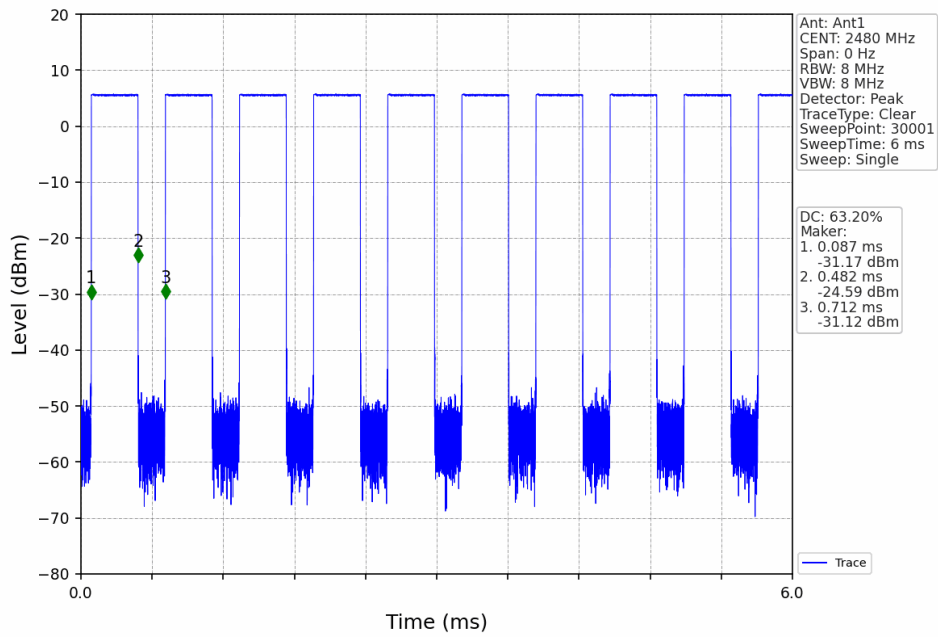
1M_LCH_2402MHz_Ant1_NTNV



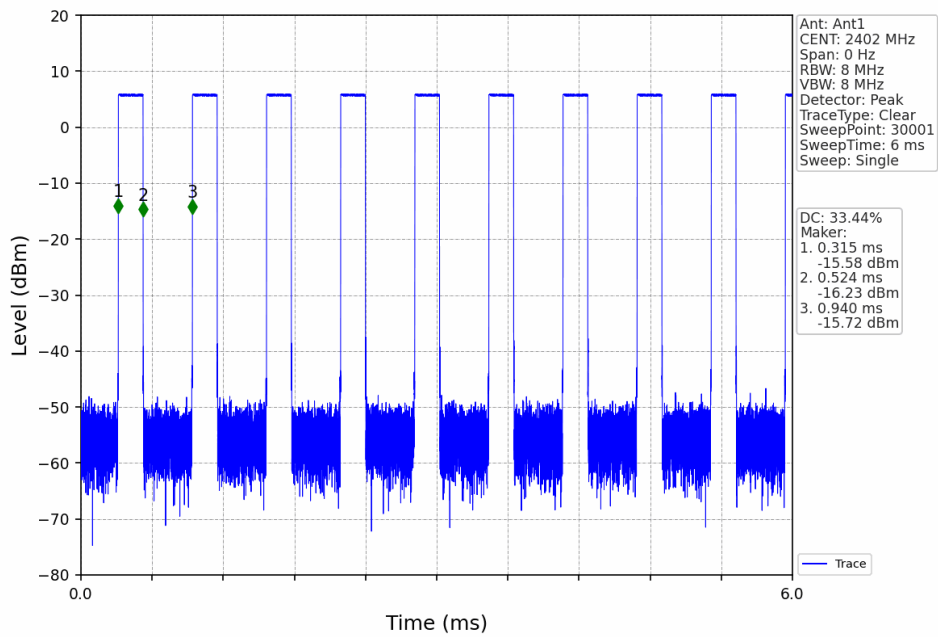
1M_MCH_2440MHz_Ant1_NTNV



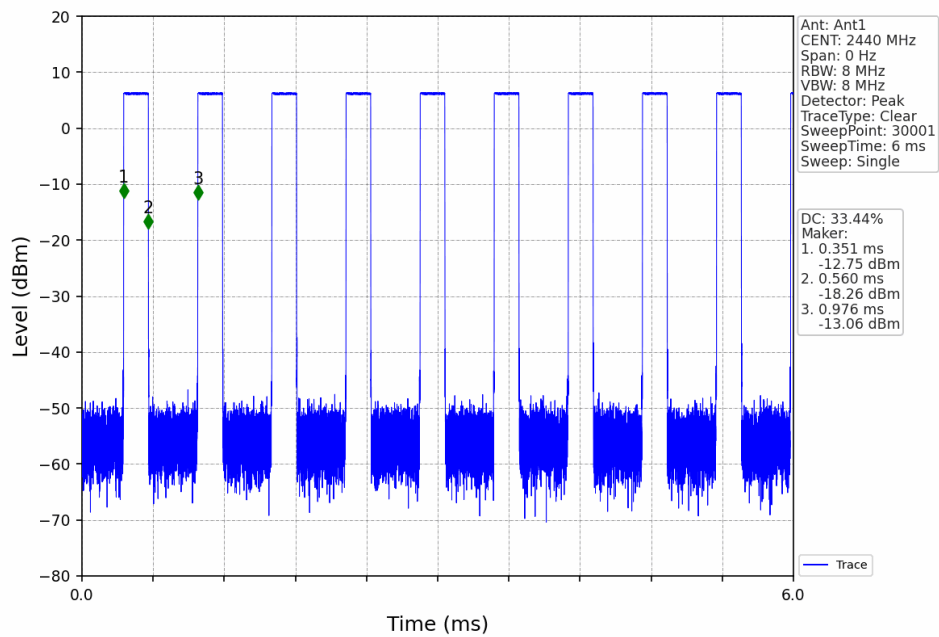
1M_HCH_2480MHz_Ant1_NTNV



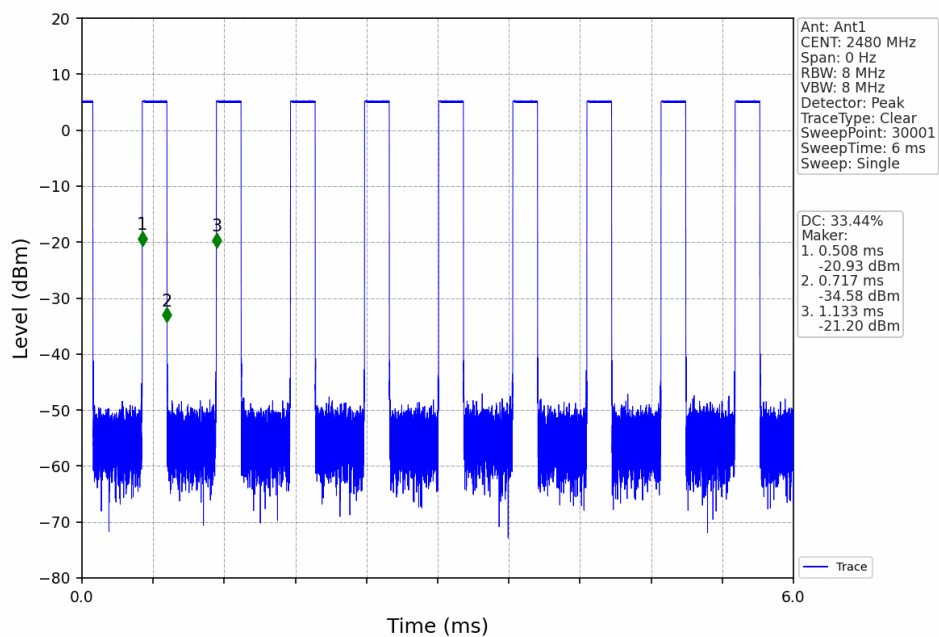
2M_LCH_2402MHz_Ant1_NTNV



2M_MCH_2440MHz_Ant1_NTNV



2M_HCH_2480MHz_Ant1_NTNV



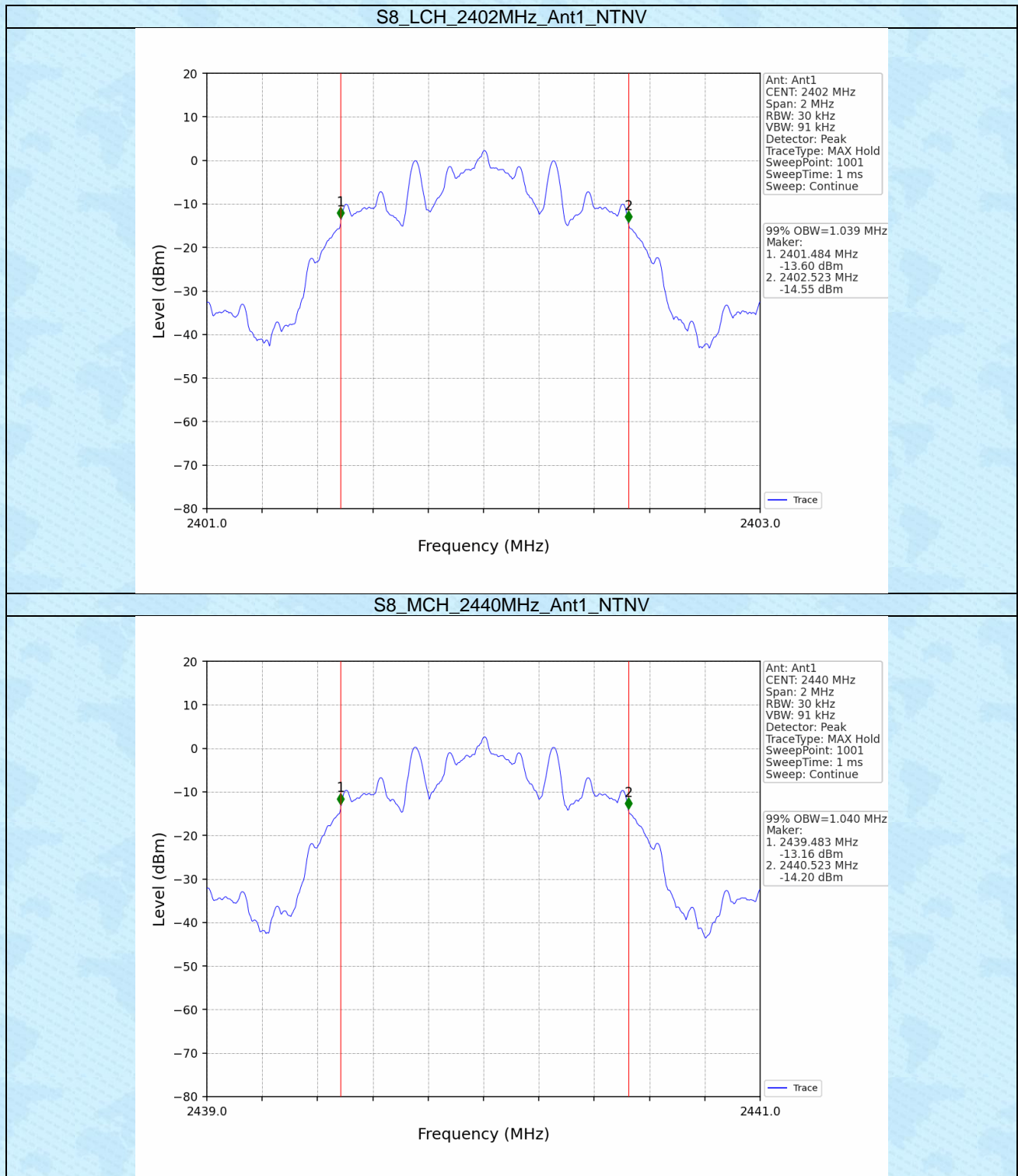
2. Bandwidth

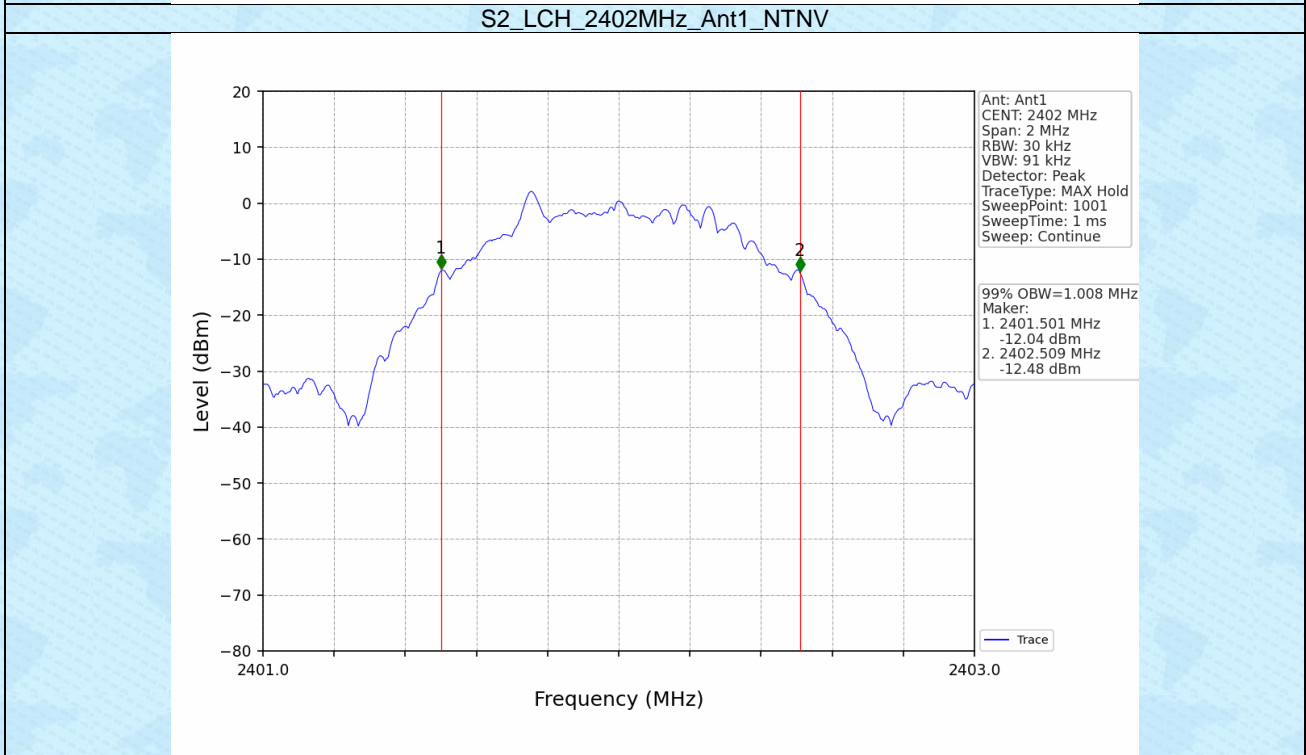
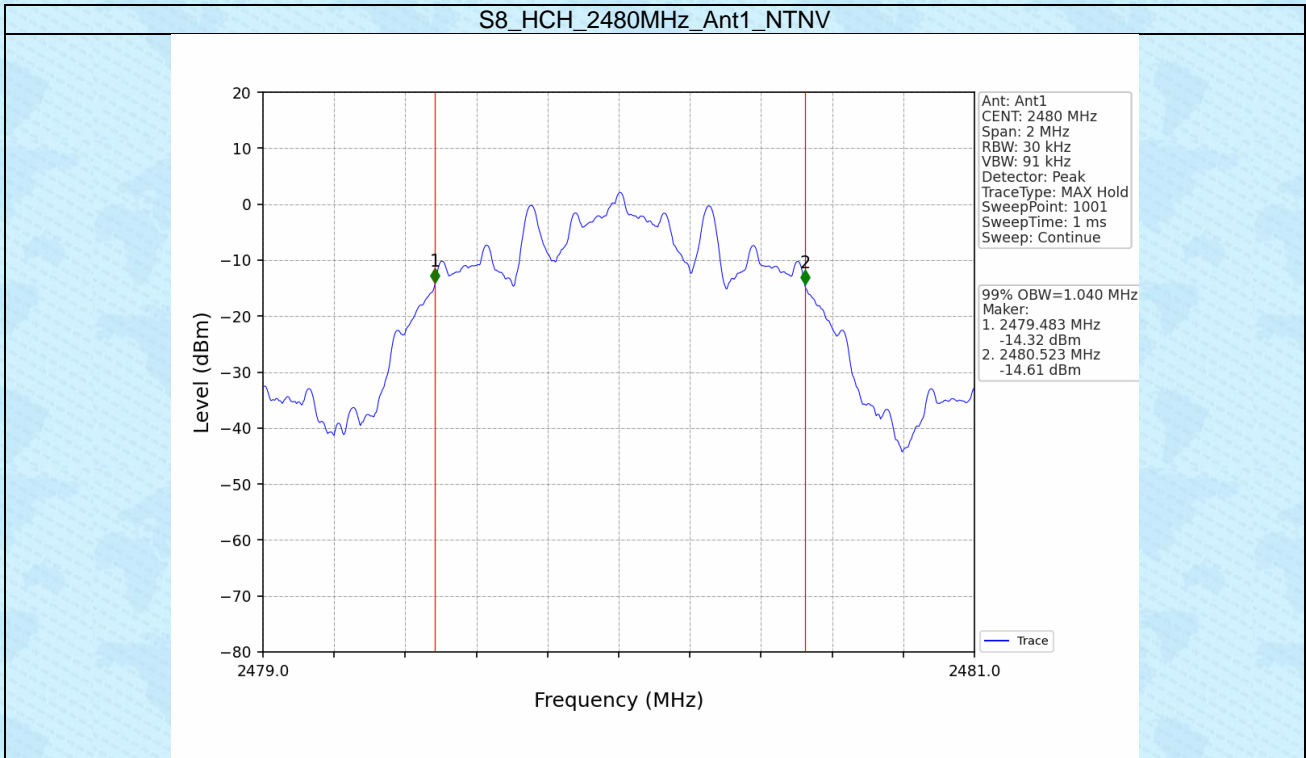
2.1 OBW

2.1.1 Test Result

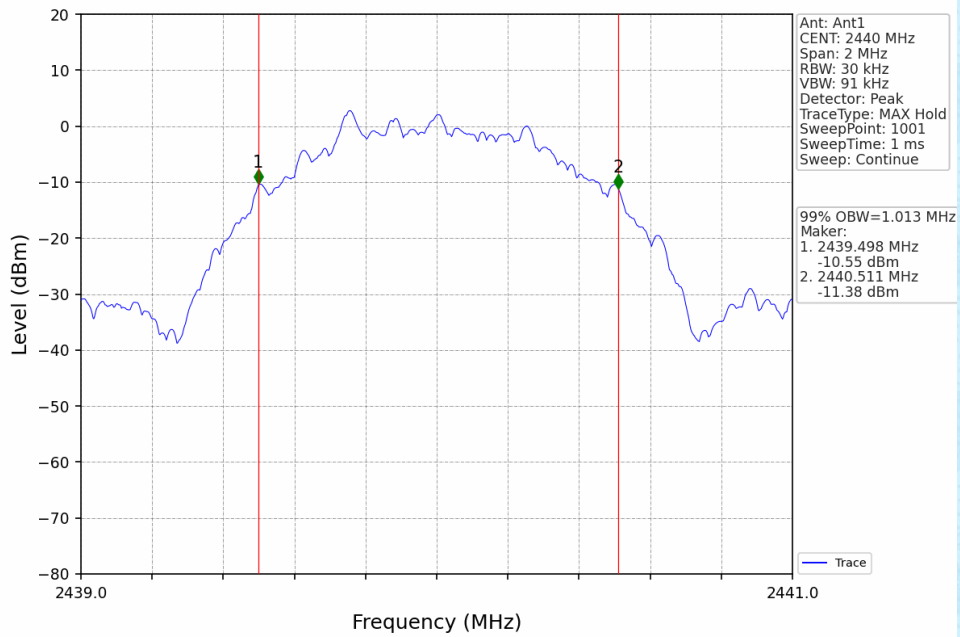
Mode	TX Type	Frequency (MHz)	ANT	99% Occupied Bandwidth (MHz)	Verdict
				Result	
S8	SISO	2402	1	1.039	Pass
		2440	1	1.040	Pass
		2480	1	1.040	Pass
S2	SISO	2402	1	1.008	Pass
		2440	1	1.013	Pass
		2480	1	1.008	Pass
1M	SISO	2402	1	1.027	Pass
		2440	1	1.023	Pass
		2480	1	1.026	Pass
2M	SISO	2402	1	2.056	Pass
		2440	1	2.055	Pass
		2480	1	2.051	Pass

2.1.2 Test Graph

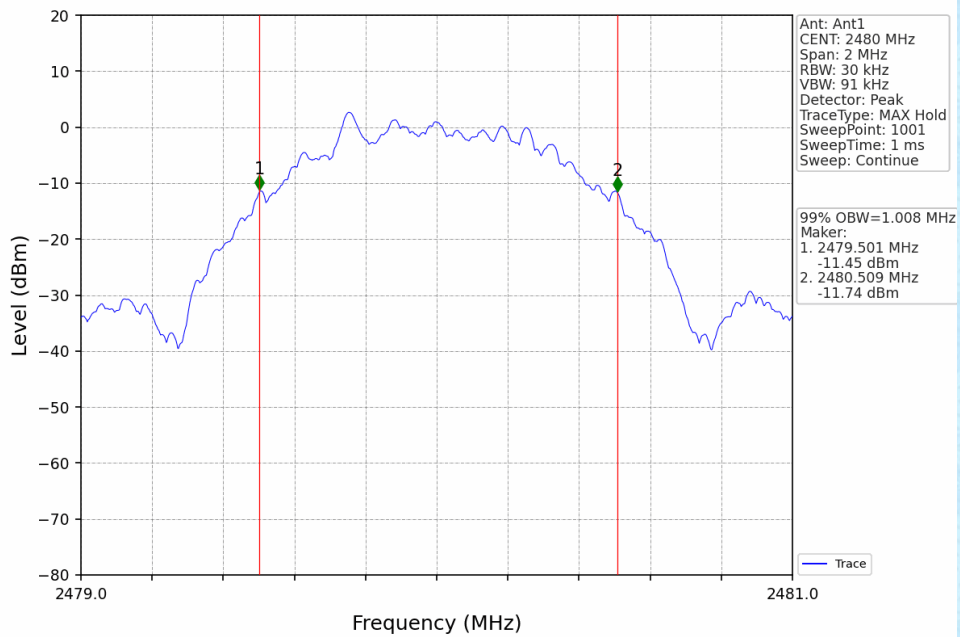


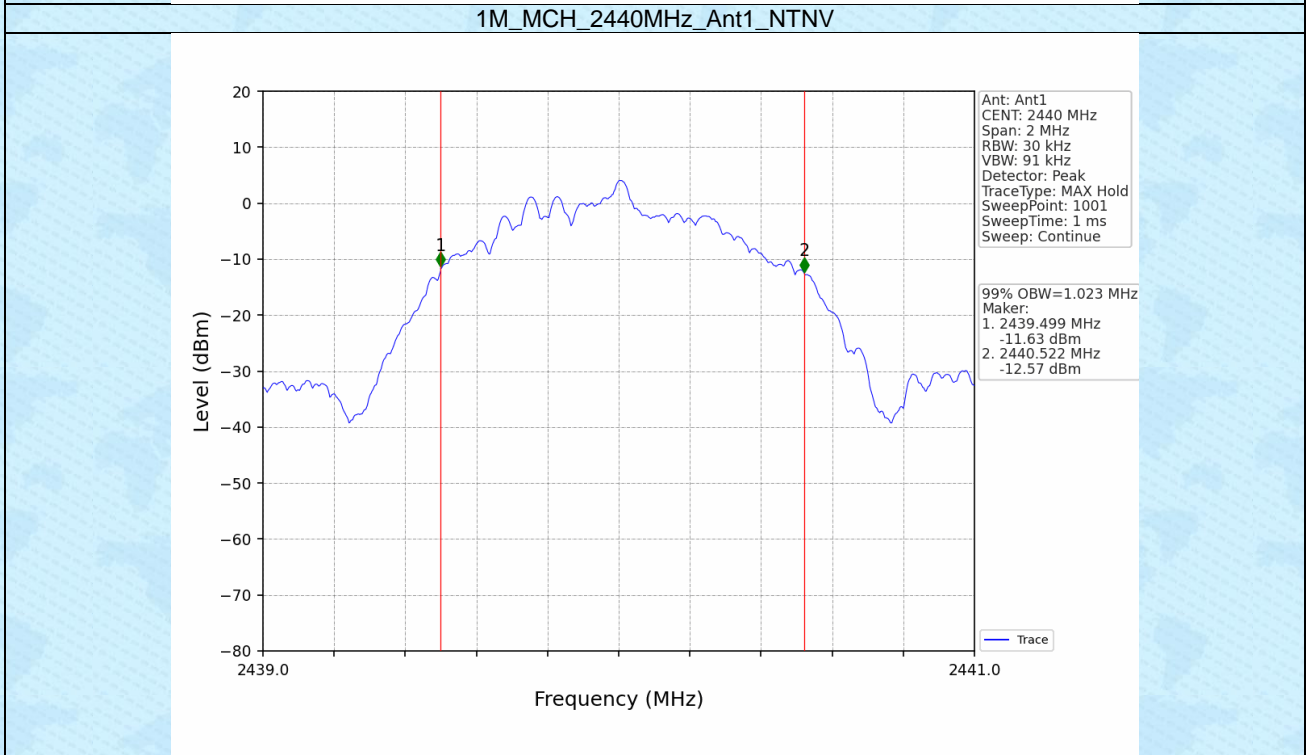
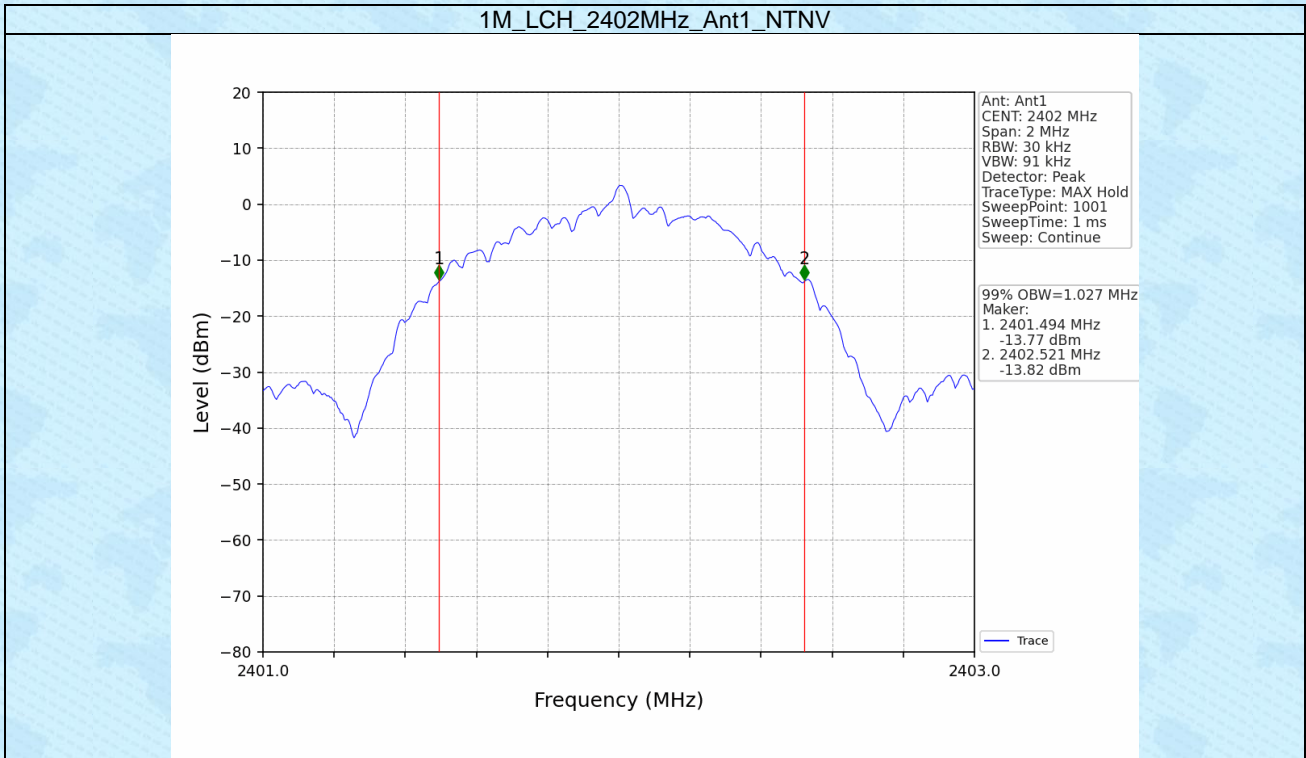


S2_MCH_2440MHz_Ant1_NTNV

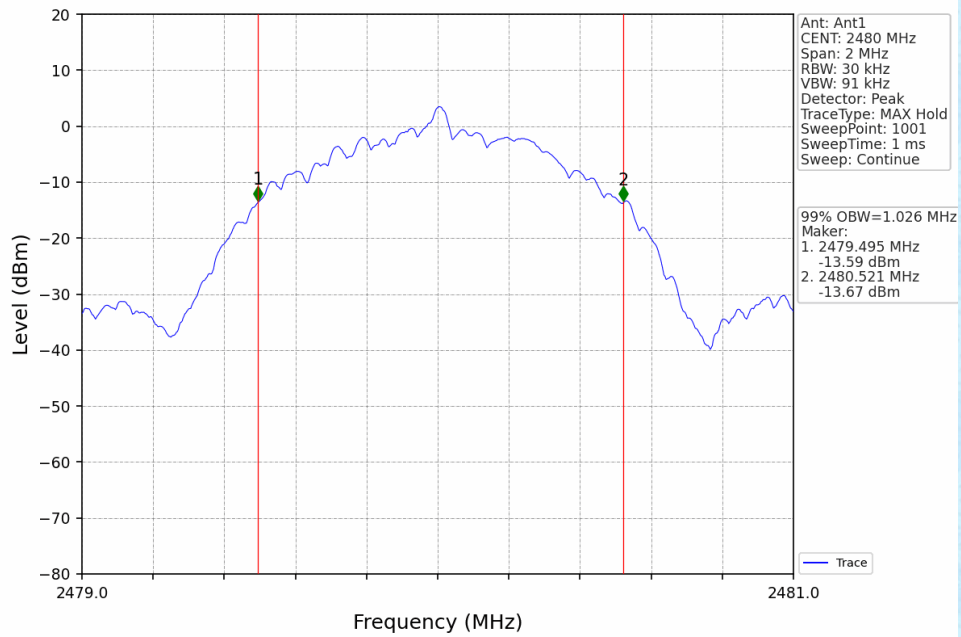


S2_HCH_2480MHz_Ant1_NTNV

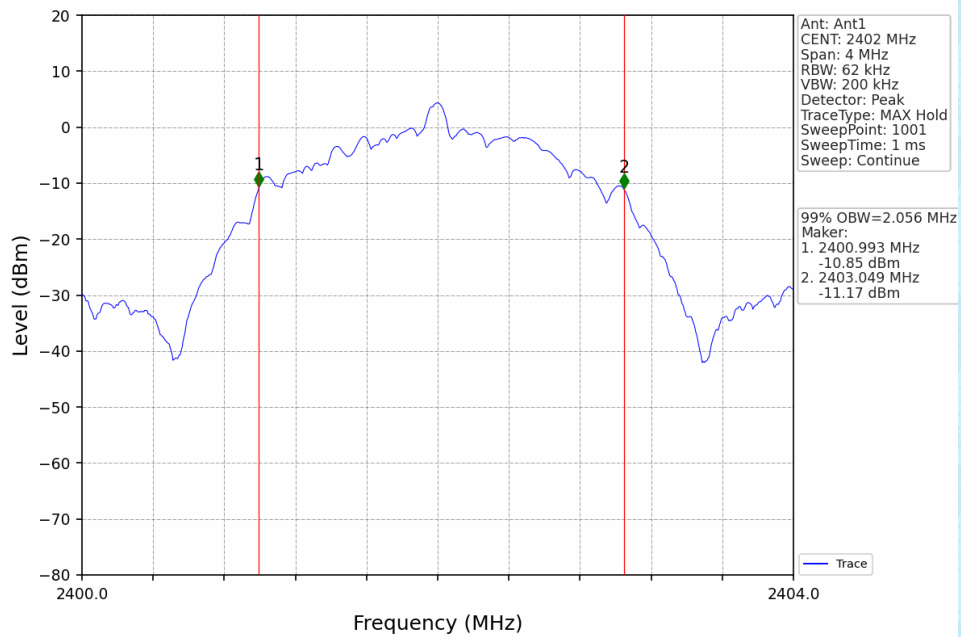


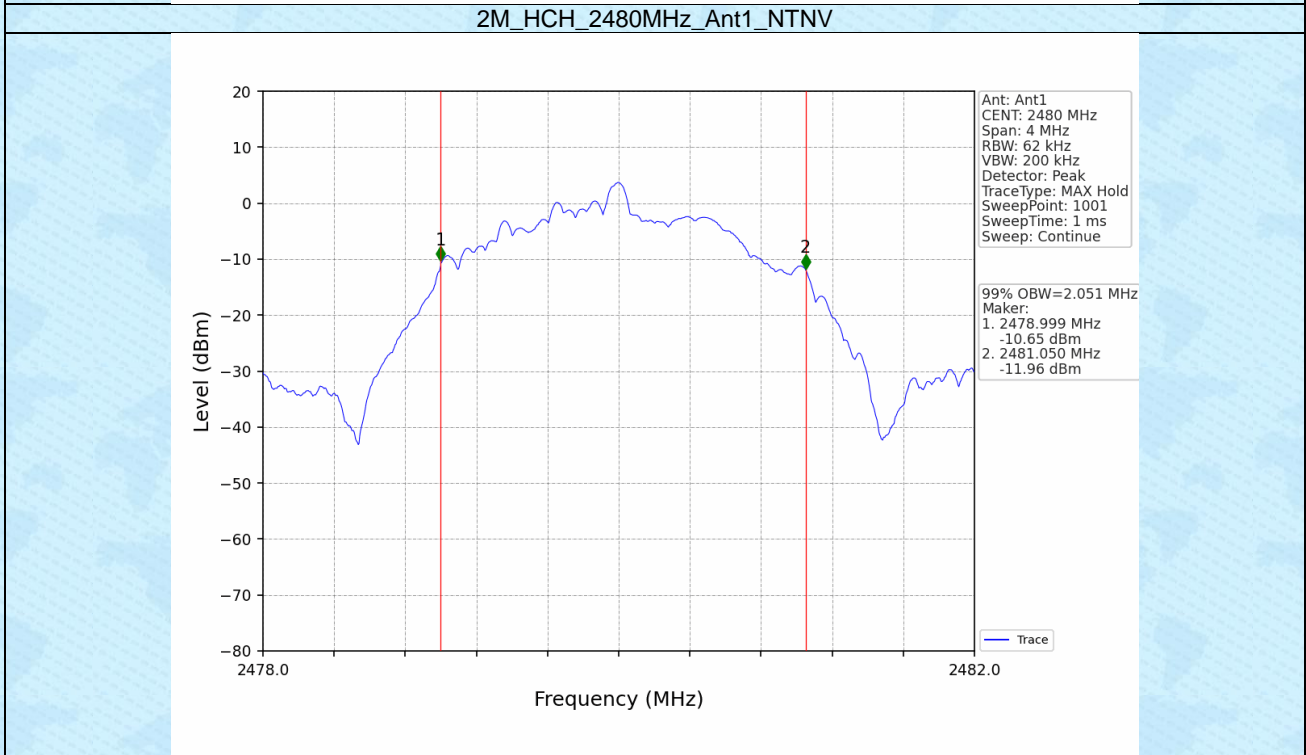
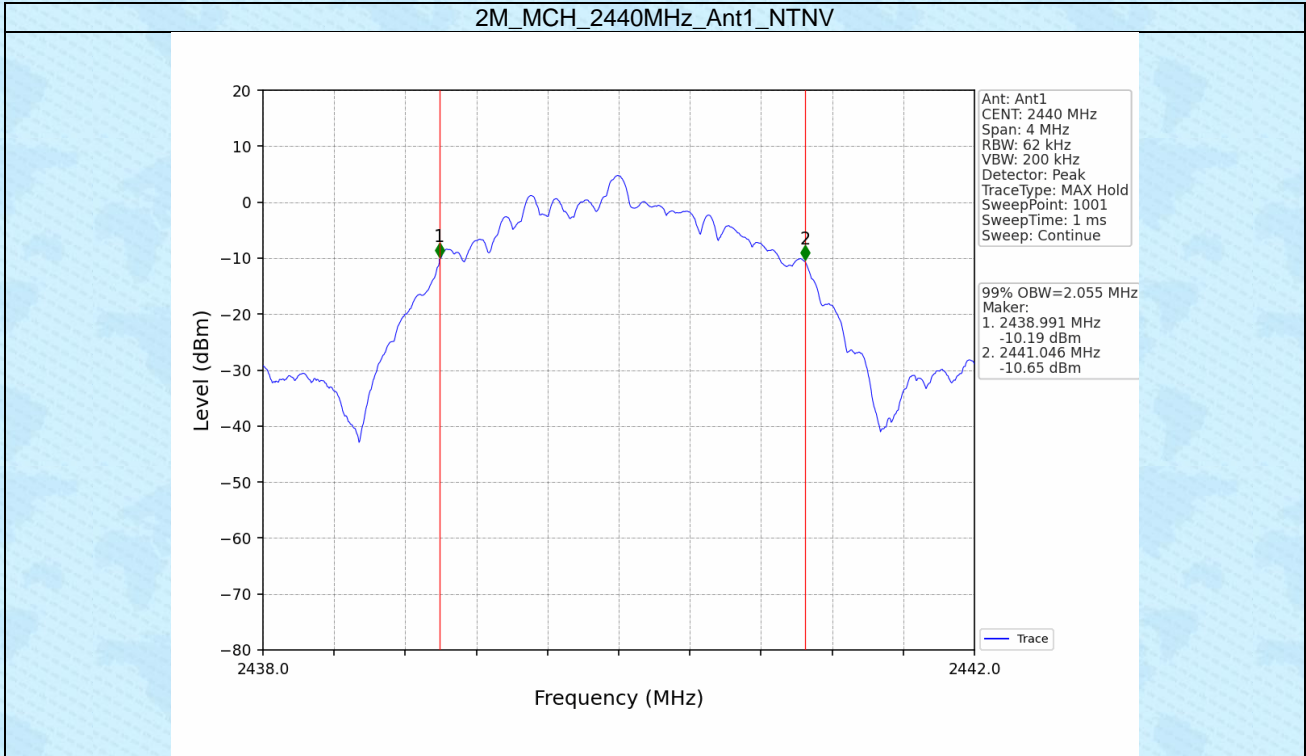


1M_HCH_2480MHz_Ant1_NTNV



2M_LCH_2402MHz_Ant1_NTNV



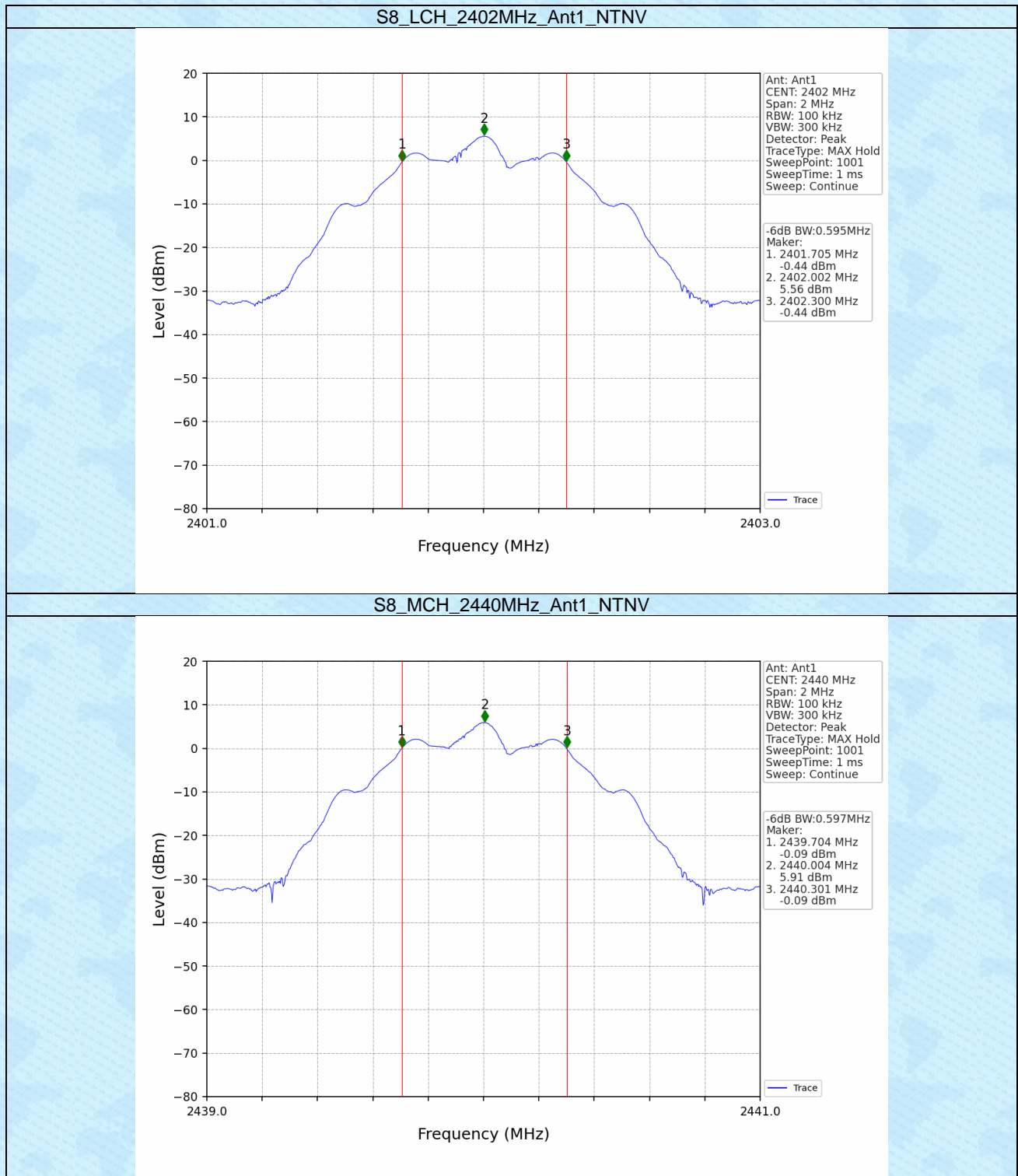


2.2 6dB BW

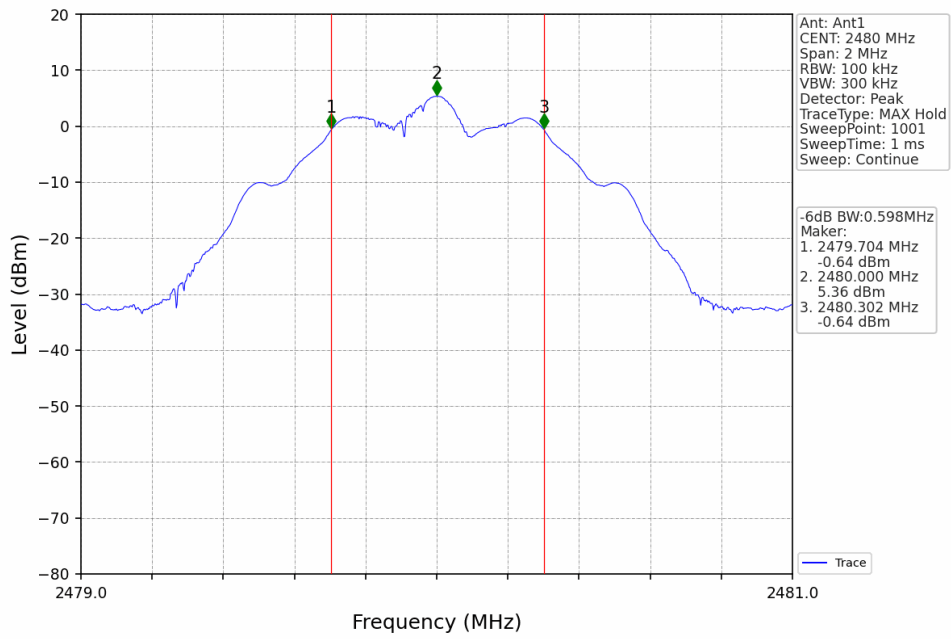
2.2.1 Test Result

Mode	TX Type	Frequency (MHz)	ANT	6dB Bandwidth (MHz)		Verdict
				Result	Limit	
S8	SISO	2402	1	0.595	>=0.5	Pass
		2440	1	0.597	>=0.5	Pass
		2480	1	0.598	>=0.5	Pass
S2	SISO	2402	1	0.658	>=0.5	Pass
		2440	1	0.655	>=0.5	Pass
		2480	1	0.660	>=0.5	Pass
1M	SISO	2402	1	0.654	>=0.5	Pass
		2440	1	0.660	>=0.5	Pass
		2480	1	0.653	>=0.5	Pass
2M	SISO	2402	1	1.101	>=0.5	Pass
		2440	1	0.959	>=0.5	Pass
		2480	1	1.096	>=0.5	Pass

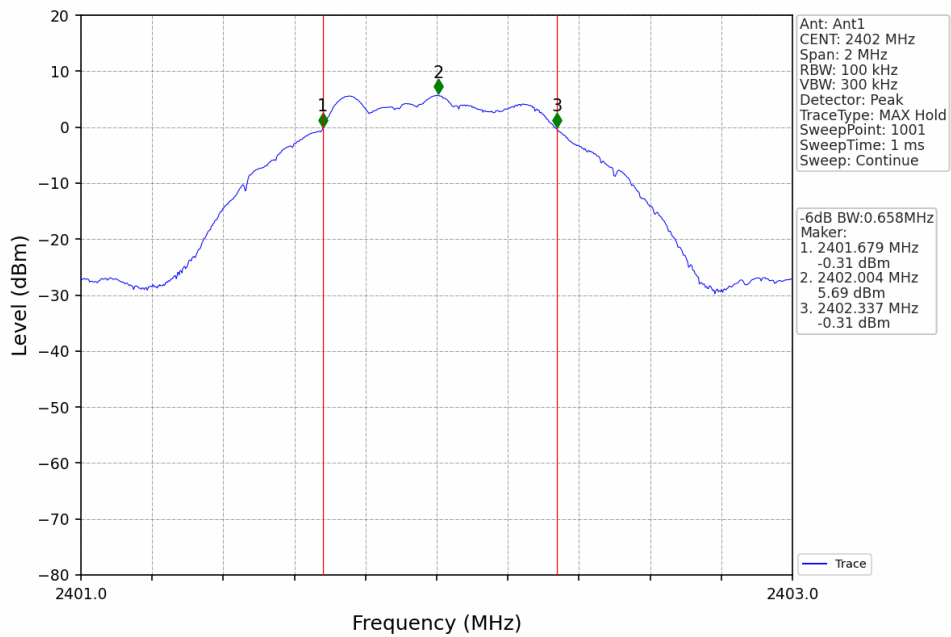
2.2.2 Test Graph



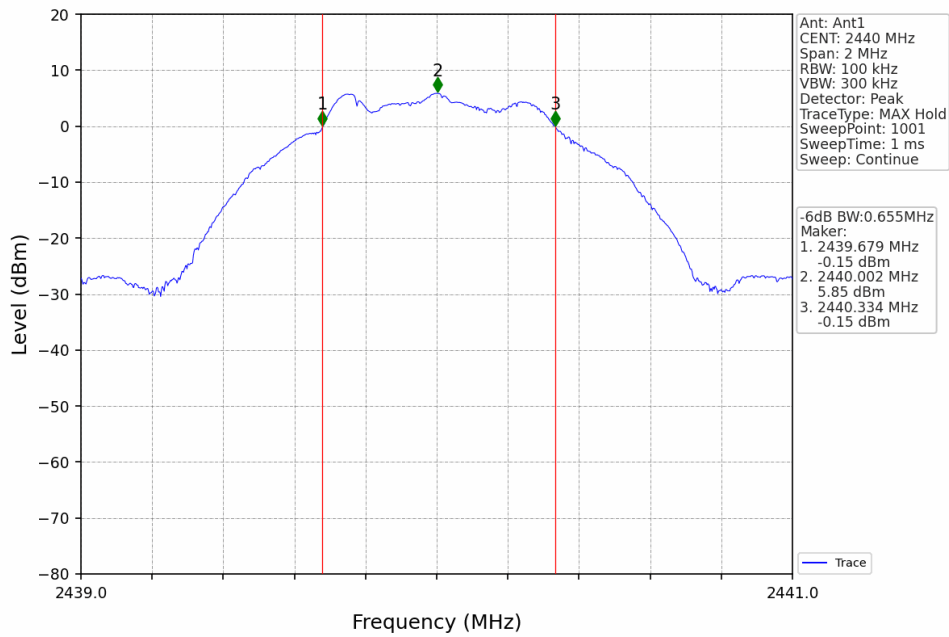
S8_HCH_2480MHz_Ant1_NTNV



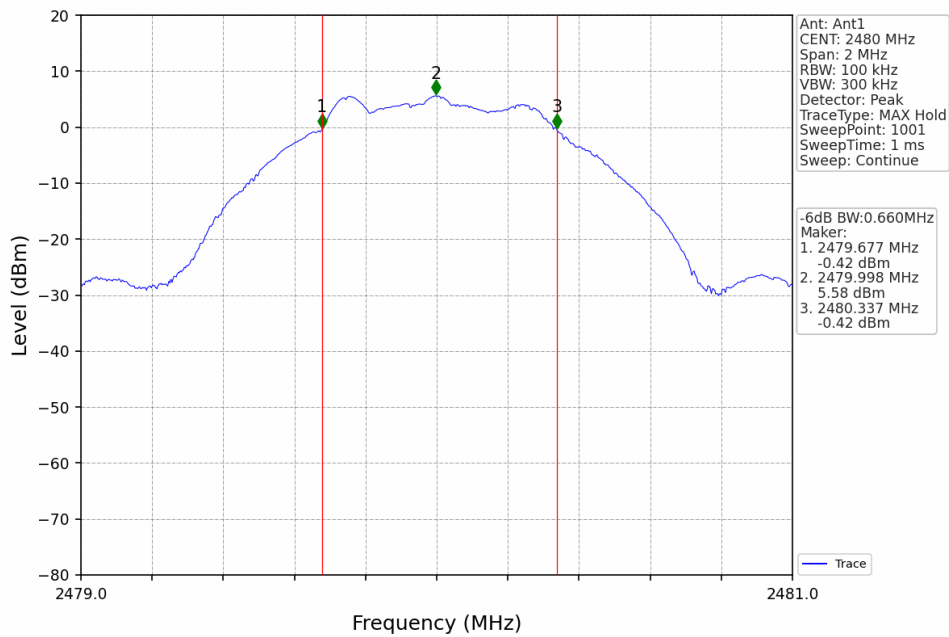
S2_LCH_2402MHz_Ant1_NTNV

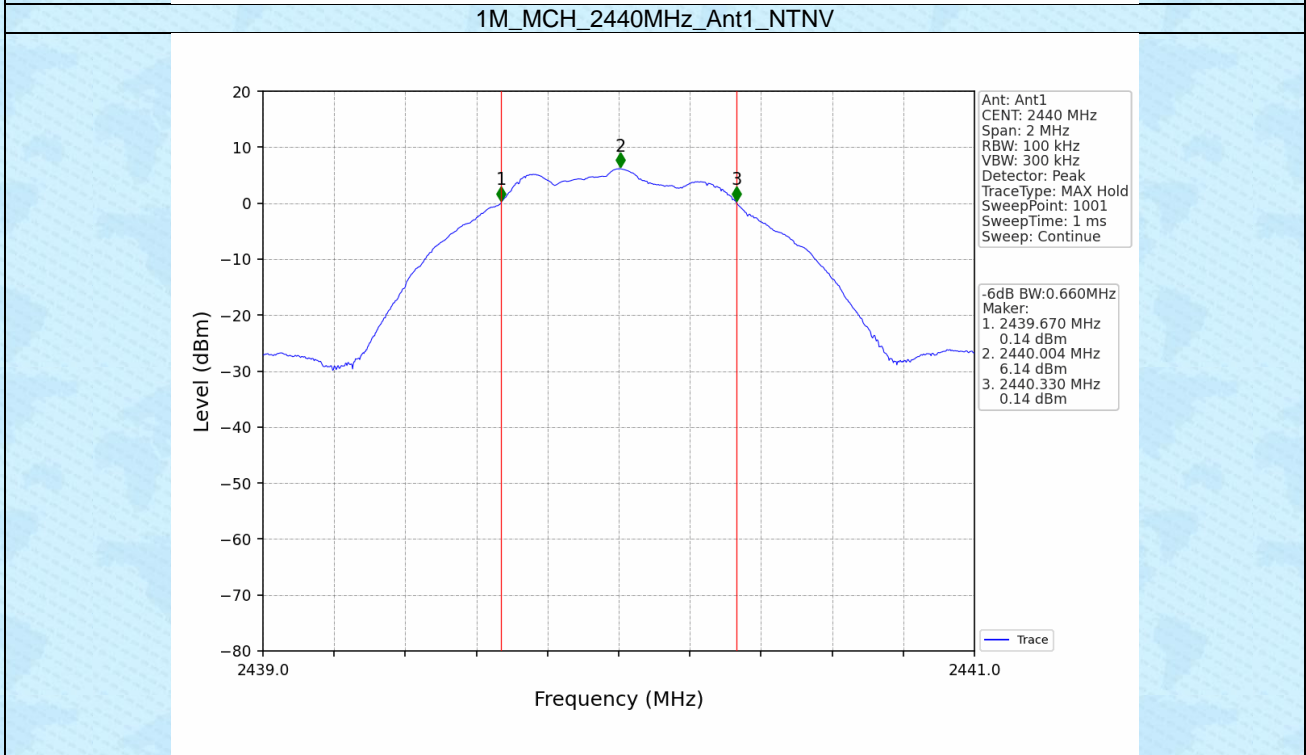
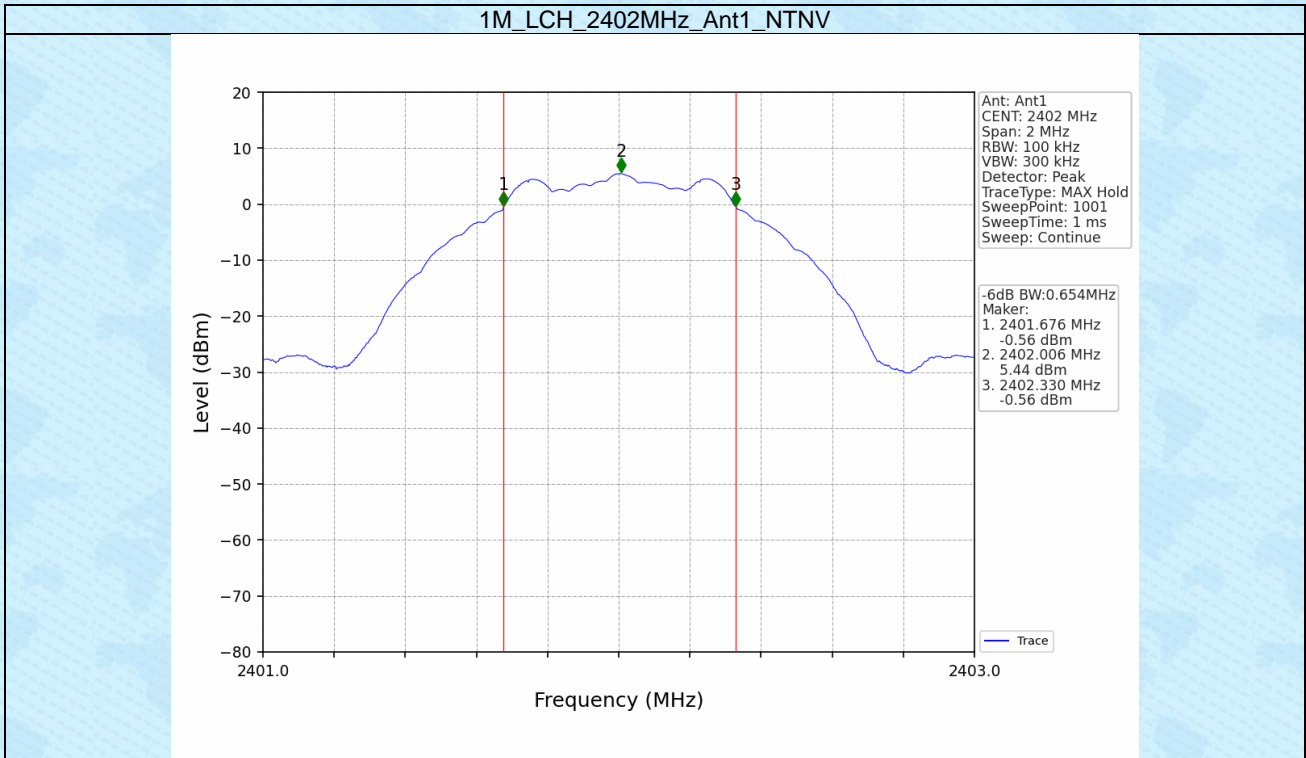


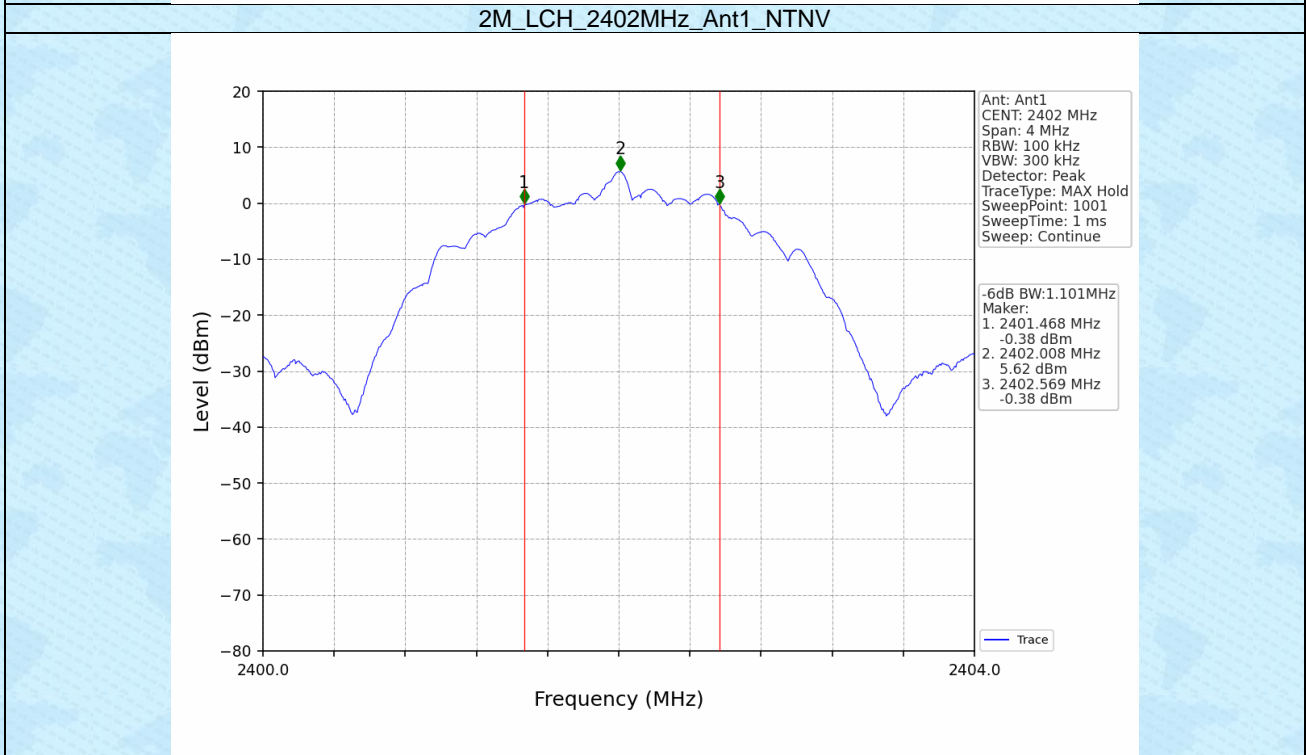
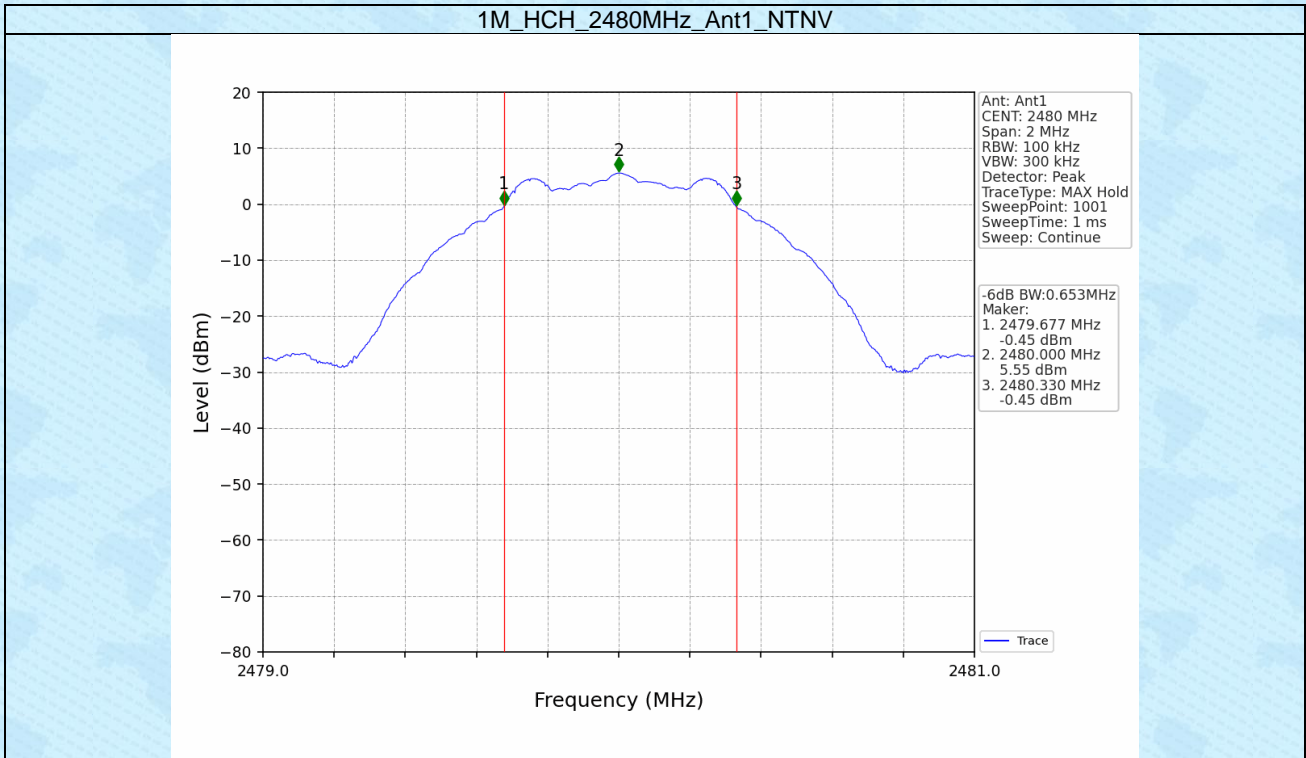
S2_MCH_2440MHz_Ant1_NTNV



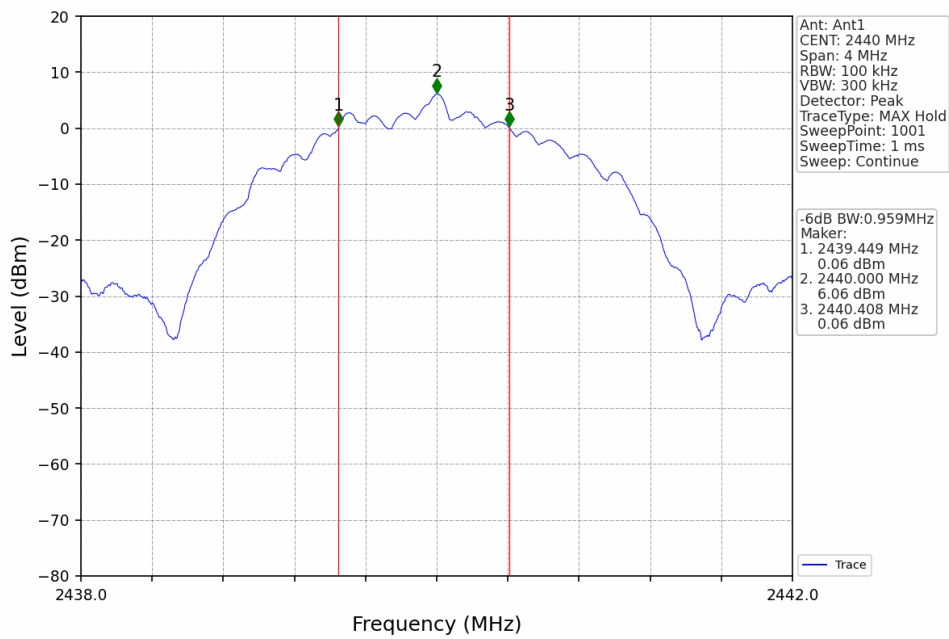
S2_HCH_2480MHz_Ant1_NTNV



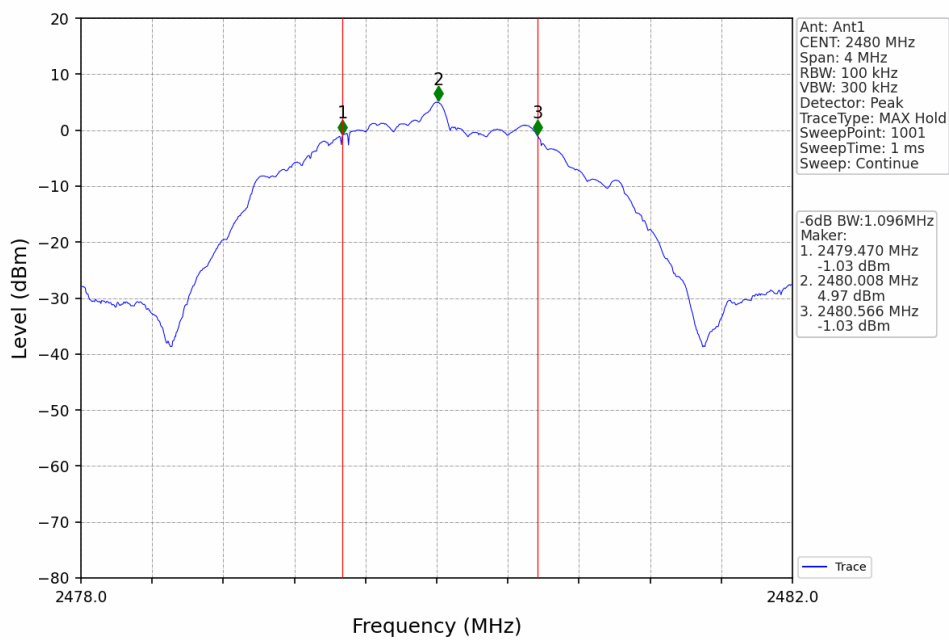




2M_MCH_2440MHz_Ant1_NTNV



2M_HCH_2480MHz_Ant1_NTNV



3. Maximum Conducted Output Power

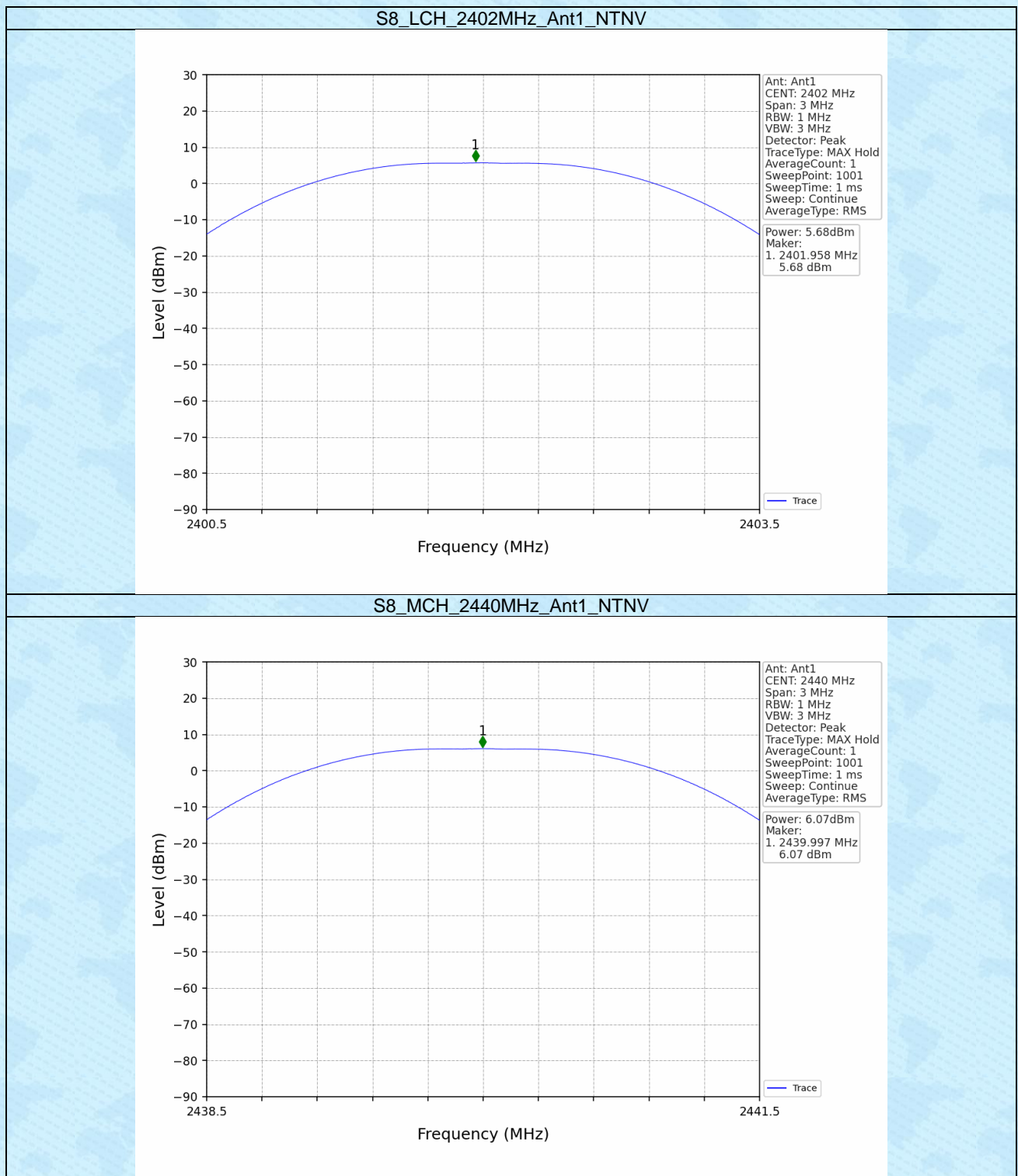
3.1 Power

3.1.1 Test Result

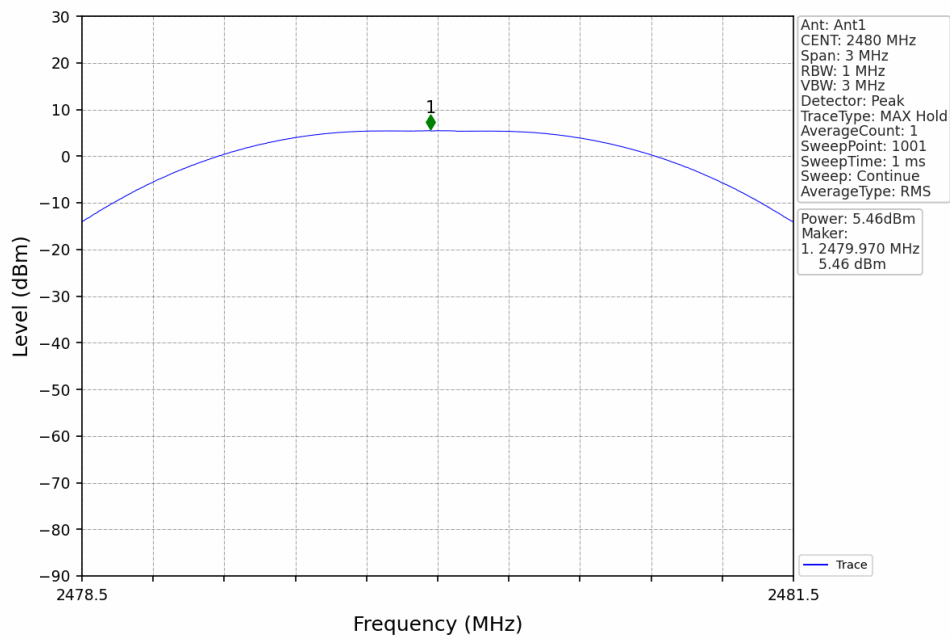
Mode	TX Type	Frequency (MHz)	Maximum Peak Conducted Output Power (dBm)		Verdict
			ANT1	Limit	
S8	SISO	2402	5.68	<=30	Pass
		2440	6.07	<=30	Pass
		2480	5.46	<=30	Pass
S2	SISO	2402	5.80	<=30	Pass
		2440	5.97	<=30	Pass
		2480	5.72	<=30	Pass
1M	SISO	2402	5.56	<=30	Pass
		2440	6.26	<=30	Pass
		2480	5.67	<=30	Pass
2M	SISO	2402	5.89	<=30	Pass
		2440	6.28	<=30	Pass
		2480	5.23	<=30	Pass

Note1: Antenna Gain: Ant1: 2.32dBi;

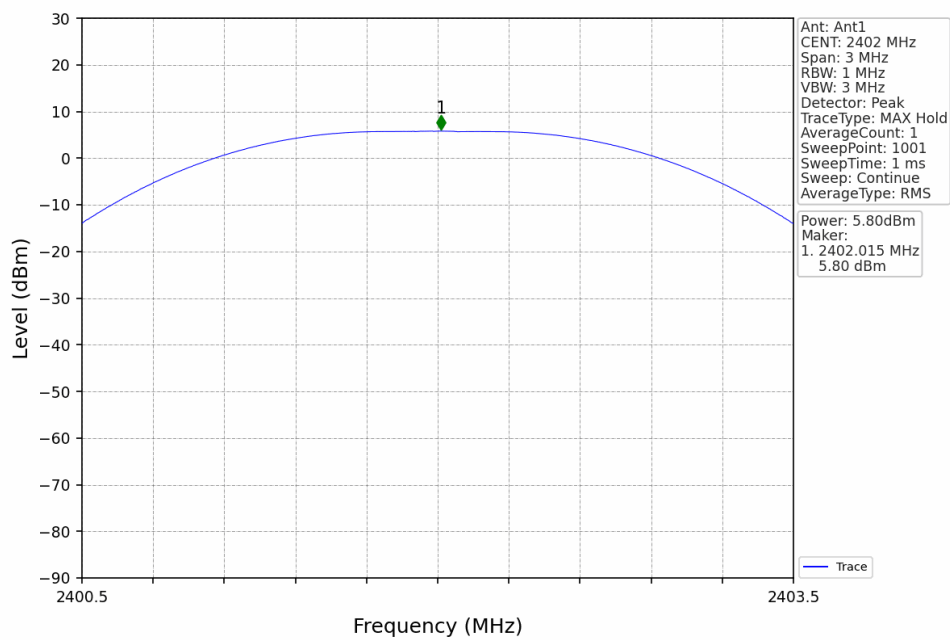
3.1.2 Test Graph



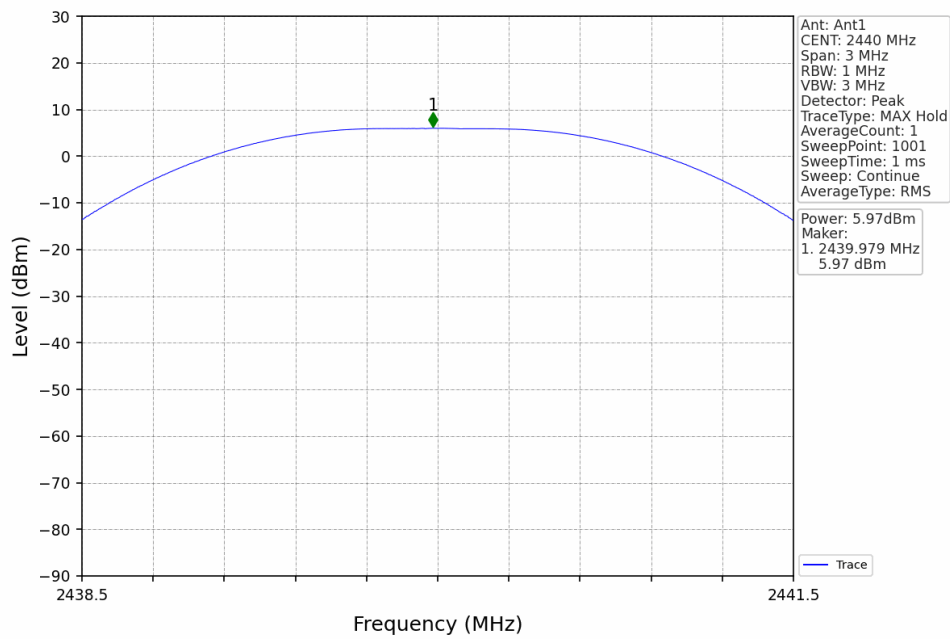
S8_HCH_2480MHz_Ant1_NTNV



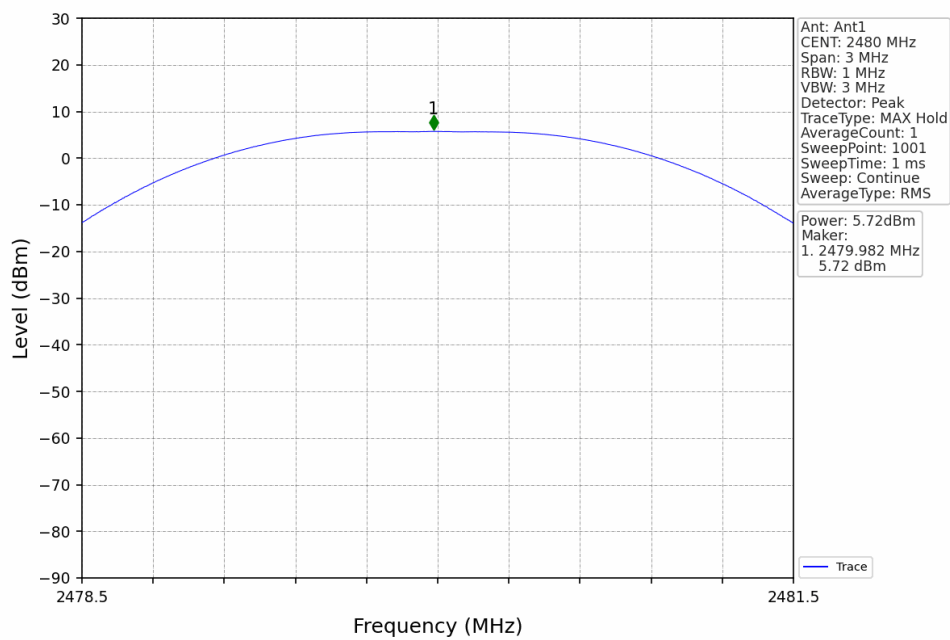
S2_LCH_2402MHz_Ant1_NTNV



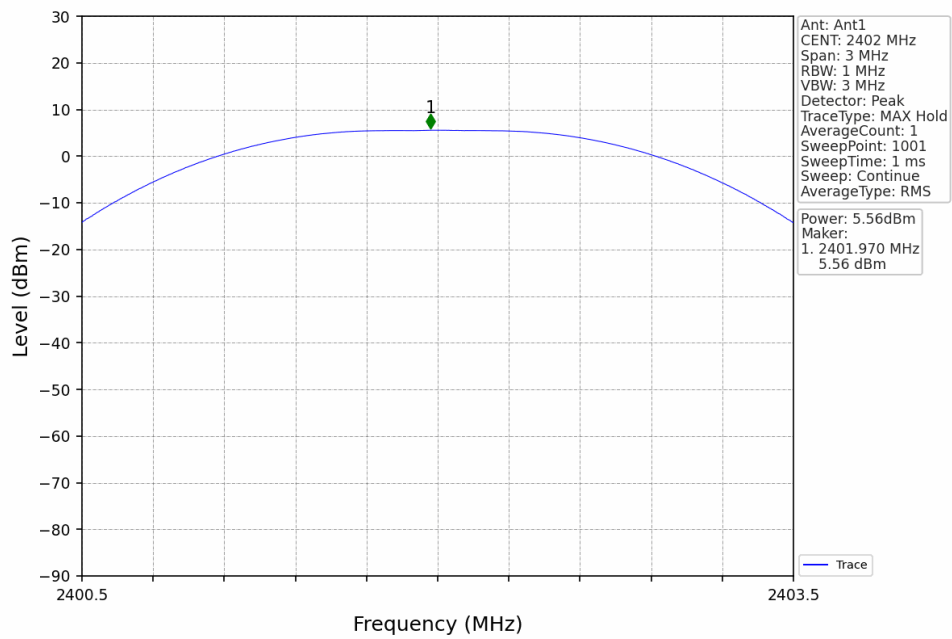
S2_MCH_2440MHz_Ant1_NTNV



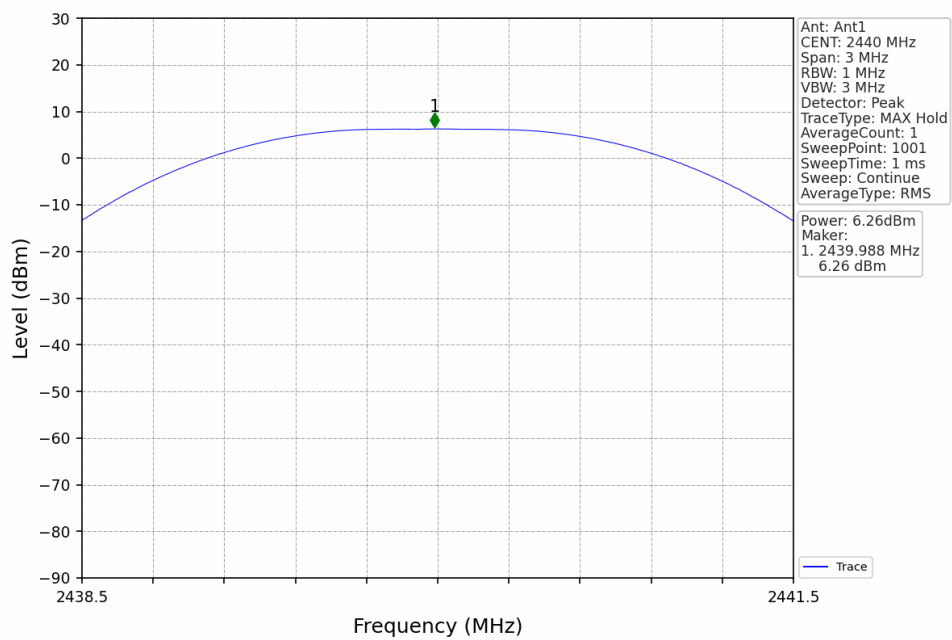
S2_HCH_2480MHz_Ant1_NTNV



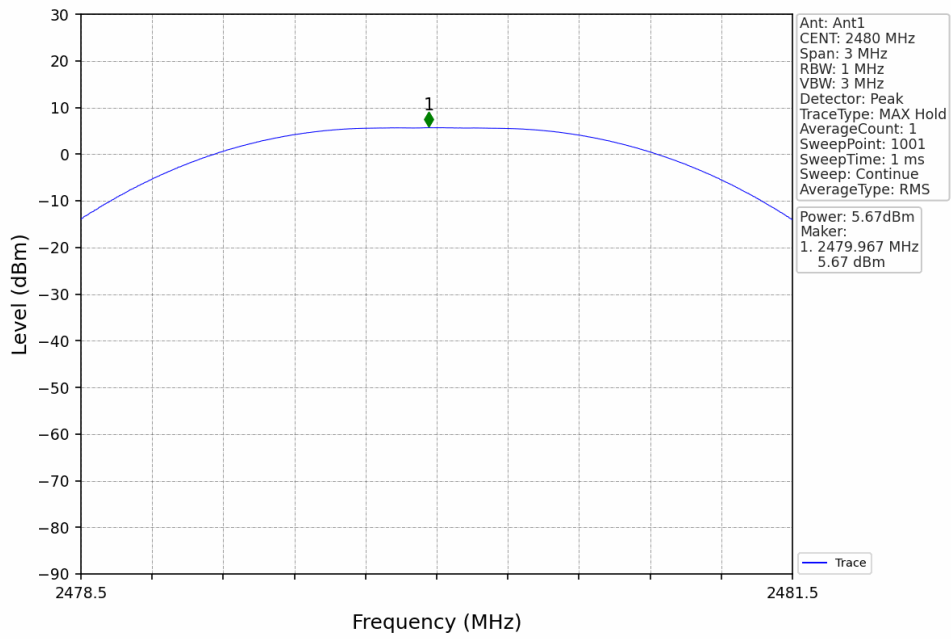
1M_LCH_2402MHz_Ant1_NTNV



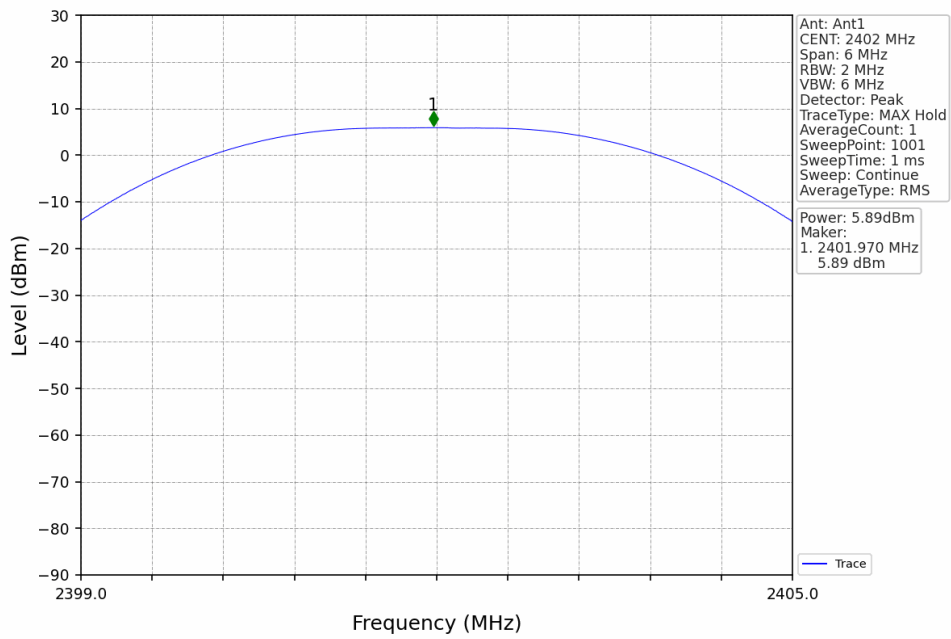
1M_MCH_2440MHz_Ant1_NTNV



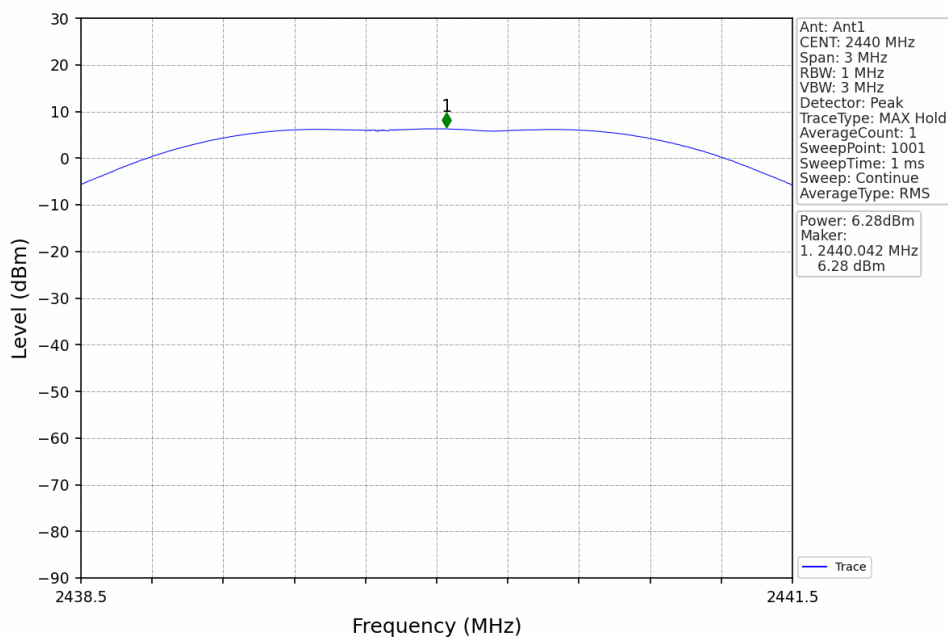
1M_HCH_2480MHz_Ant1_NTNV



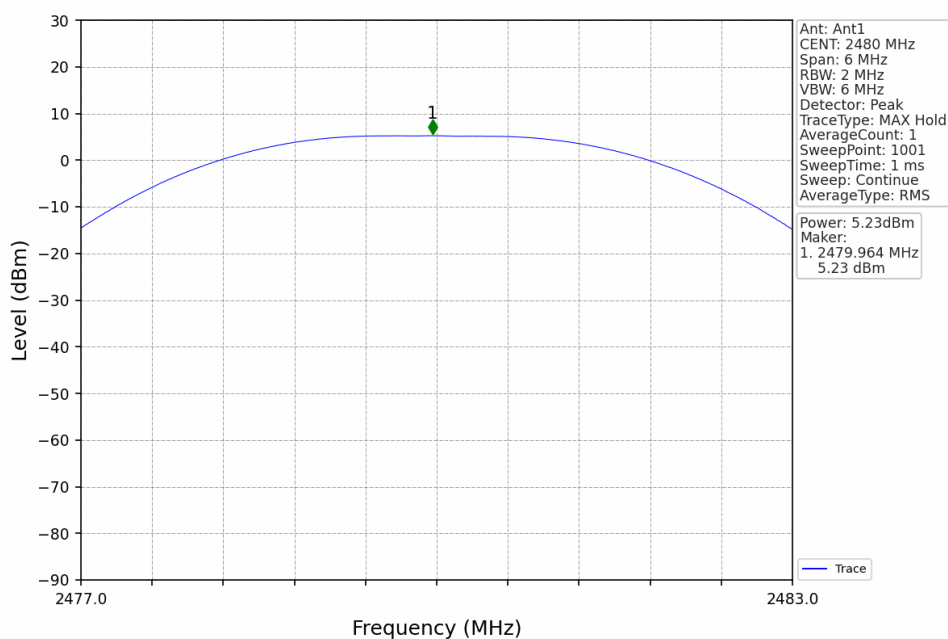
2M_LCH_2402MHz_Ant1_NTNV



2M_MCH_2440MHz_Ant1_NTNV



2M_HCH_2480MHz_Ant1_NTNV



4. Maximum Power Spectral Density

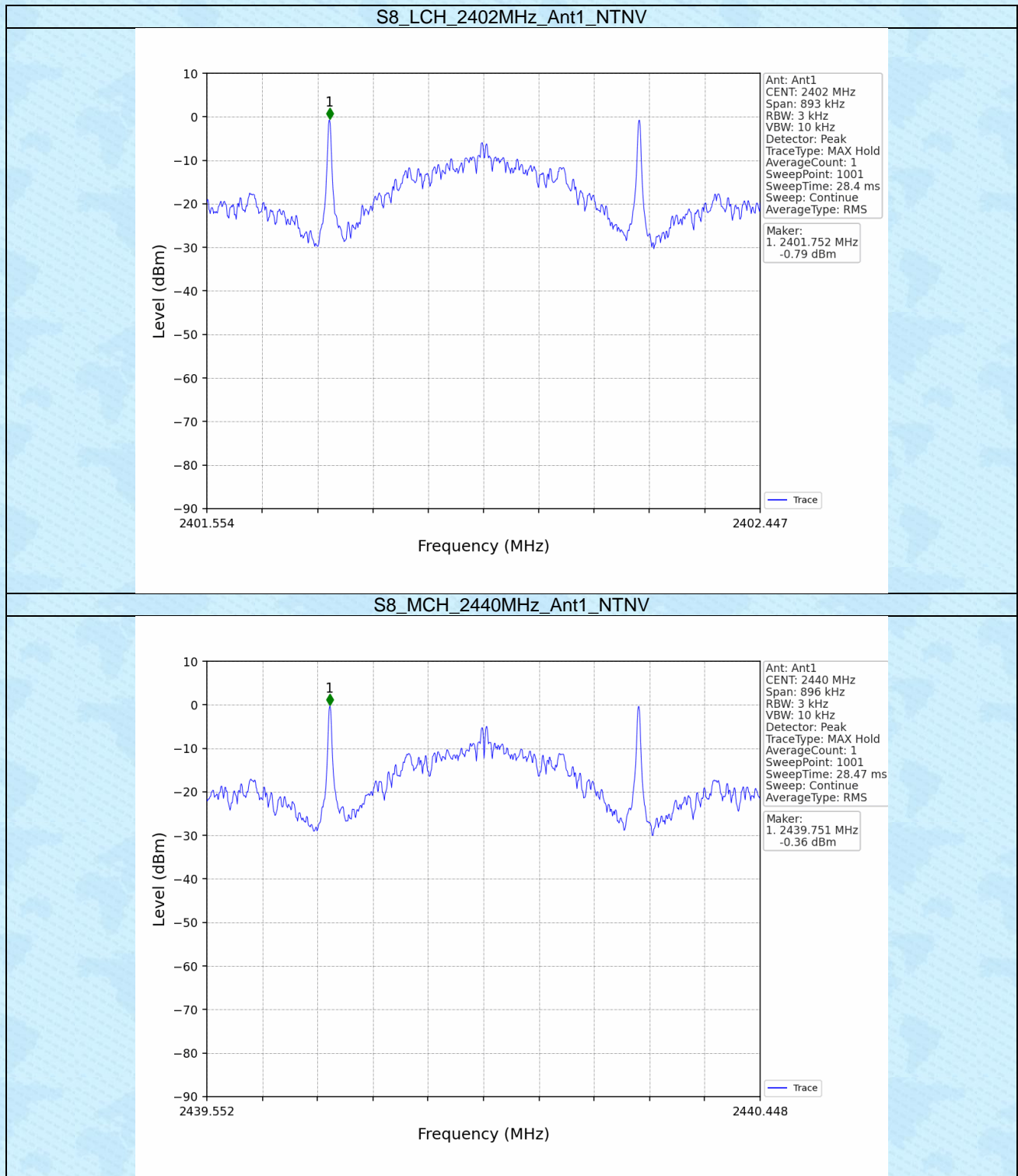
4.1 PSD

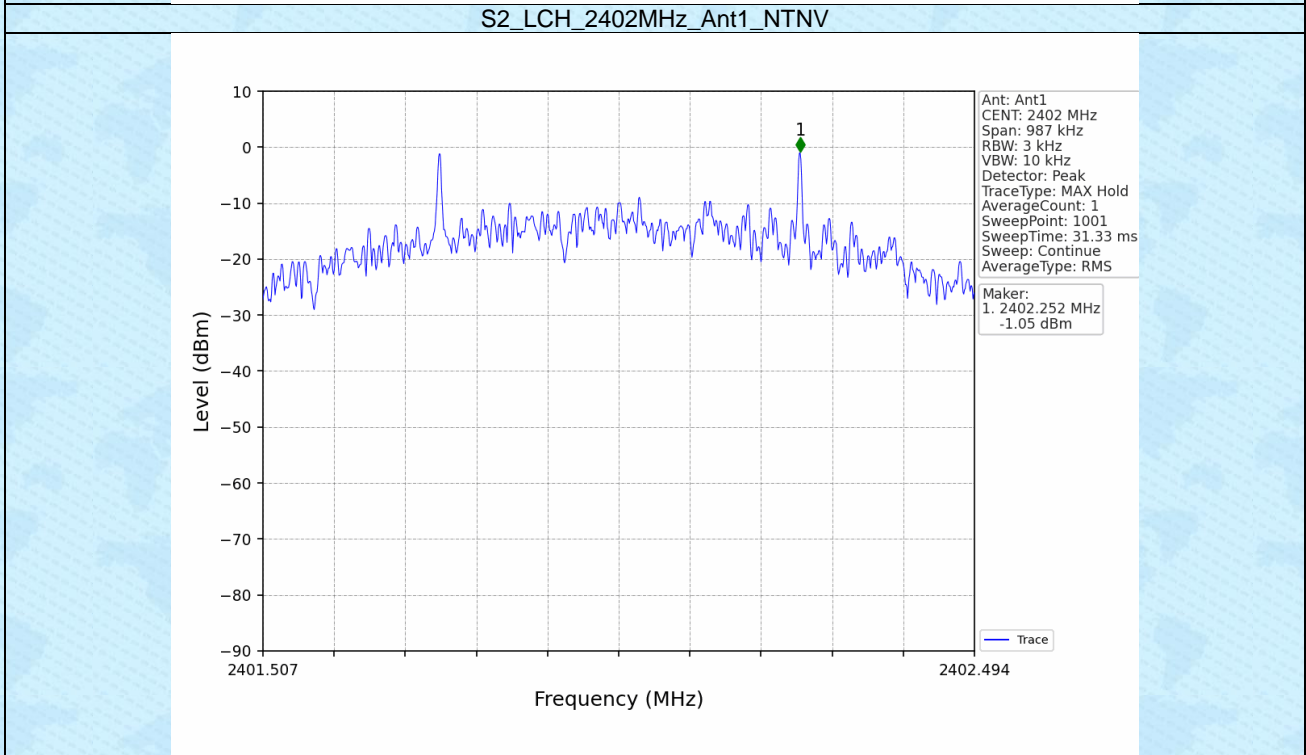
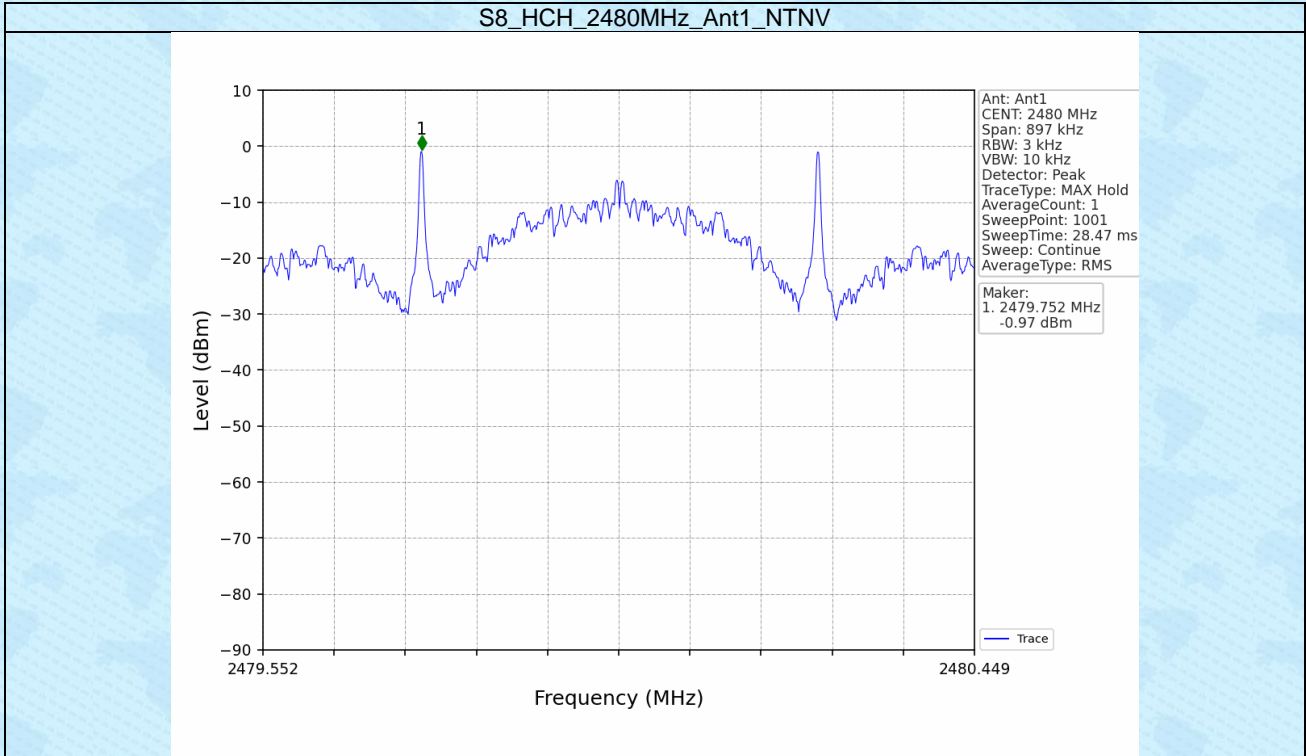
4.1.1 Test Result

Mode	TX Type	Frequency (MHz)	Maximum PSD (dBm/3kHz)		Verdict
			ANT1	Limit	
S8	SISO	2402	-0.79	<=8	Pass
		2440	-0.36	<=8	Pass
		2480	-0.97	<=8	Pass
S2	SISO	2402	-1.05	<=8	Pass
		2440	-0.64	<=8	Pass
		2480	-0.96	<=8	Pass
1M	SISO	2402	-9.39	<=8	Pass
		2440	-9.01	<=8	Pass
		2480	-10.05	<=8	Pass
2M	SISO	2402	-12.29	<=8	Pass
		2440	-11.35	<=8	Pass
		2480	-13.15	<=8	Pass

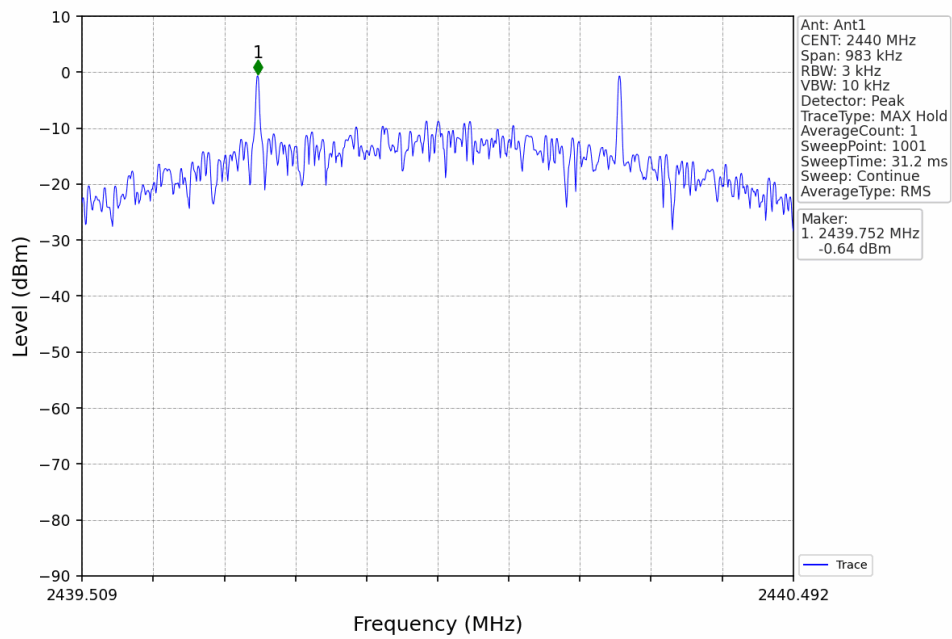
Note1: Antenna Gain: Ant1: 2.32dBi;

4.1.2 Test Graph

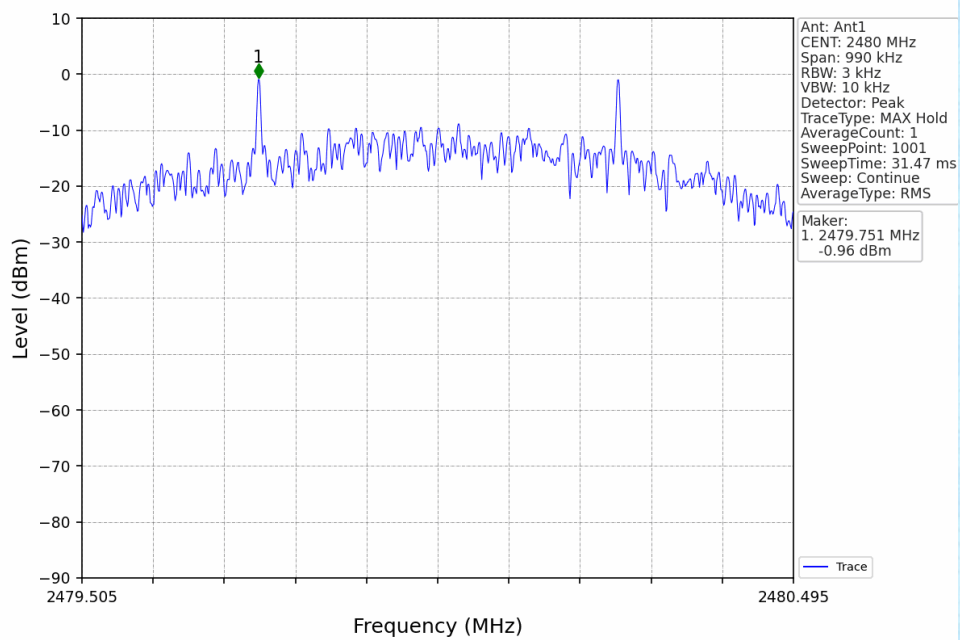


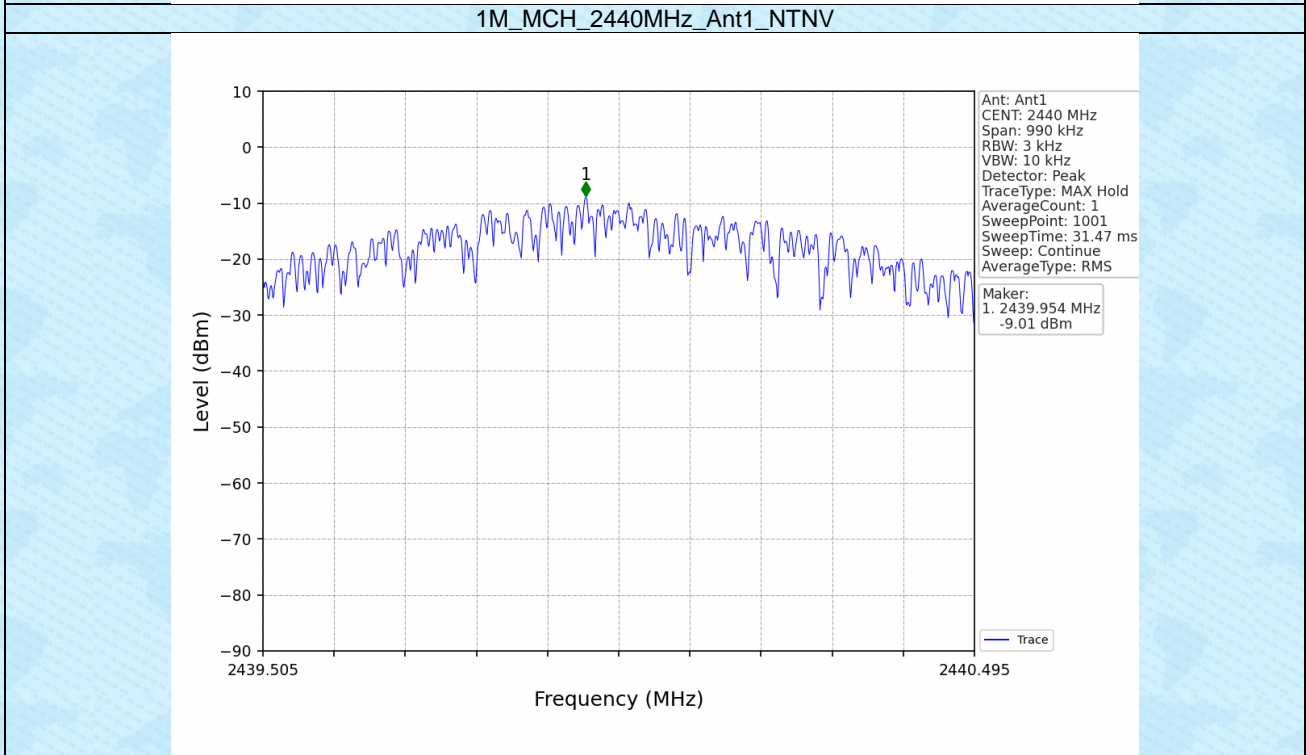
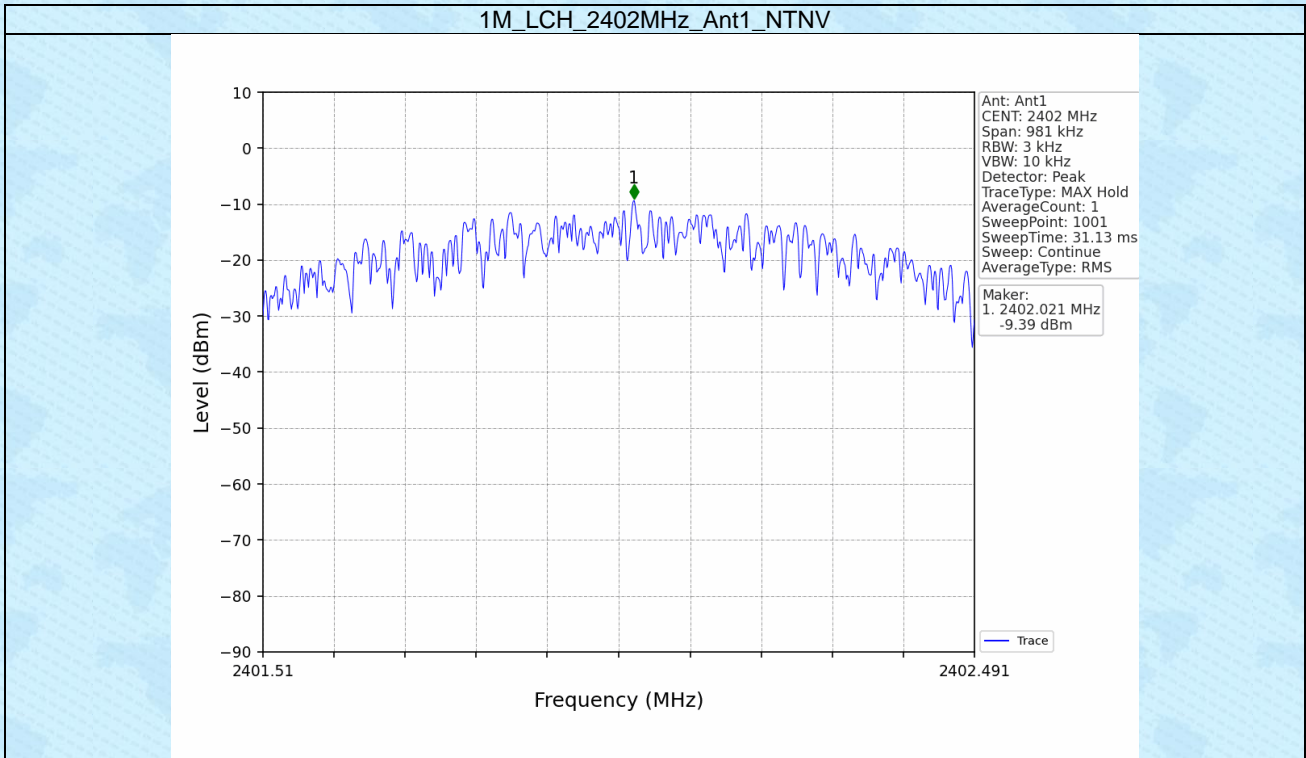


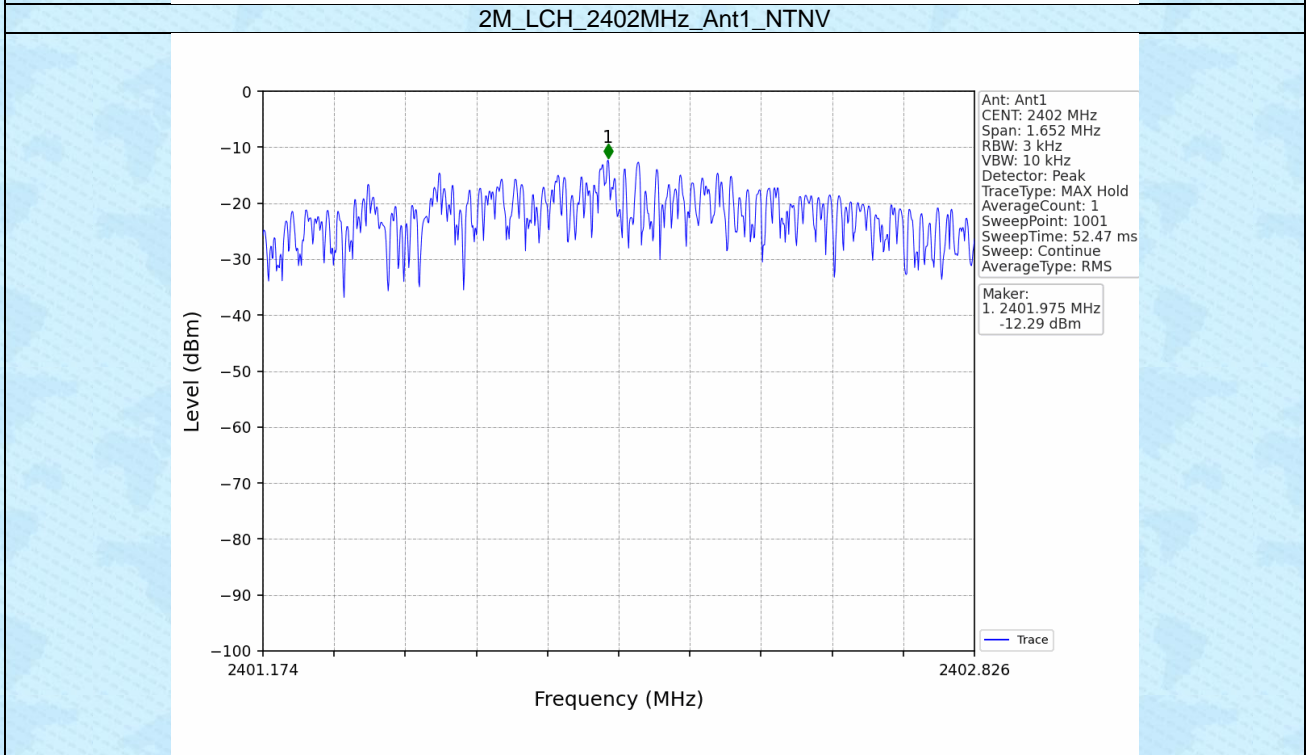
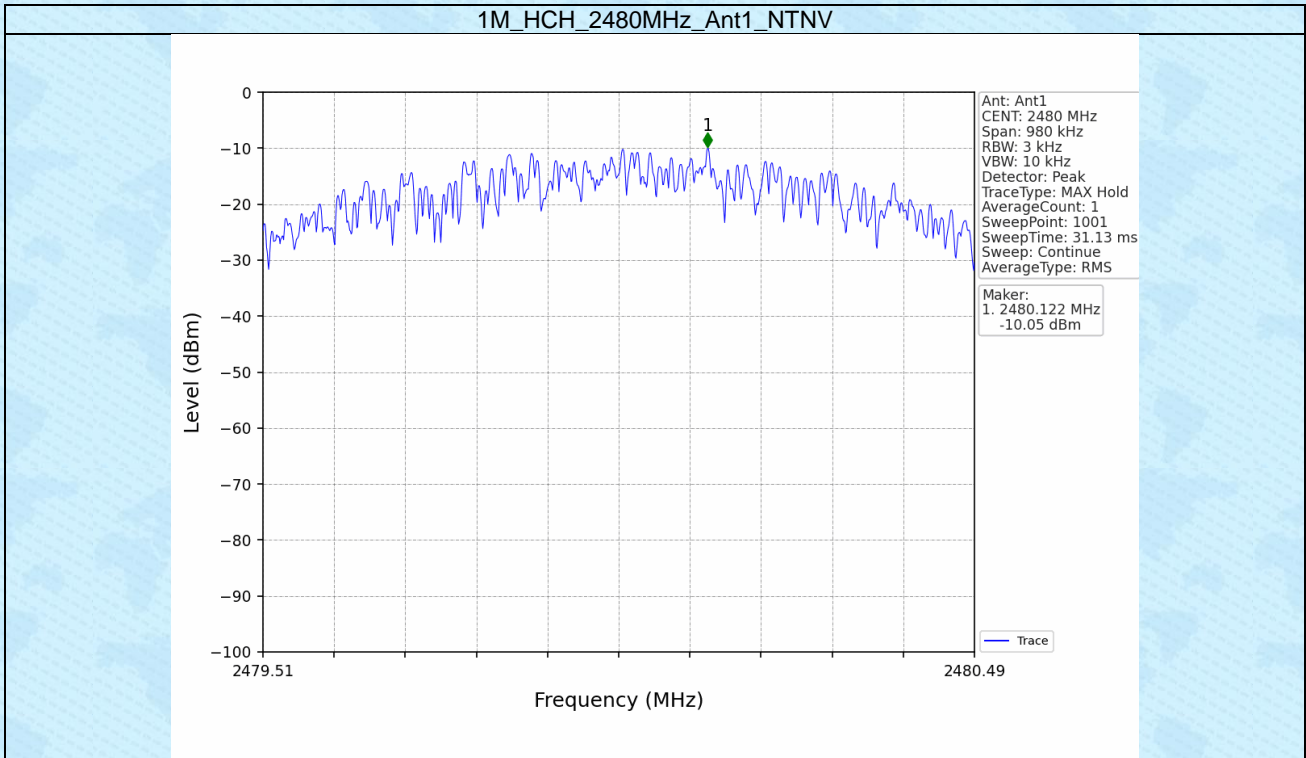
S2_MCH_2440MHz_Ant1_NTNV

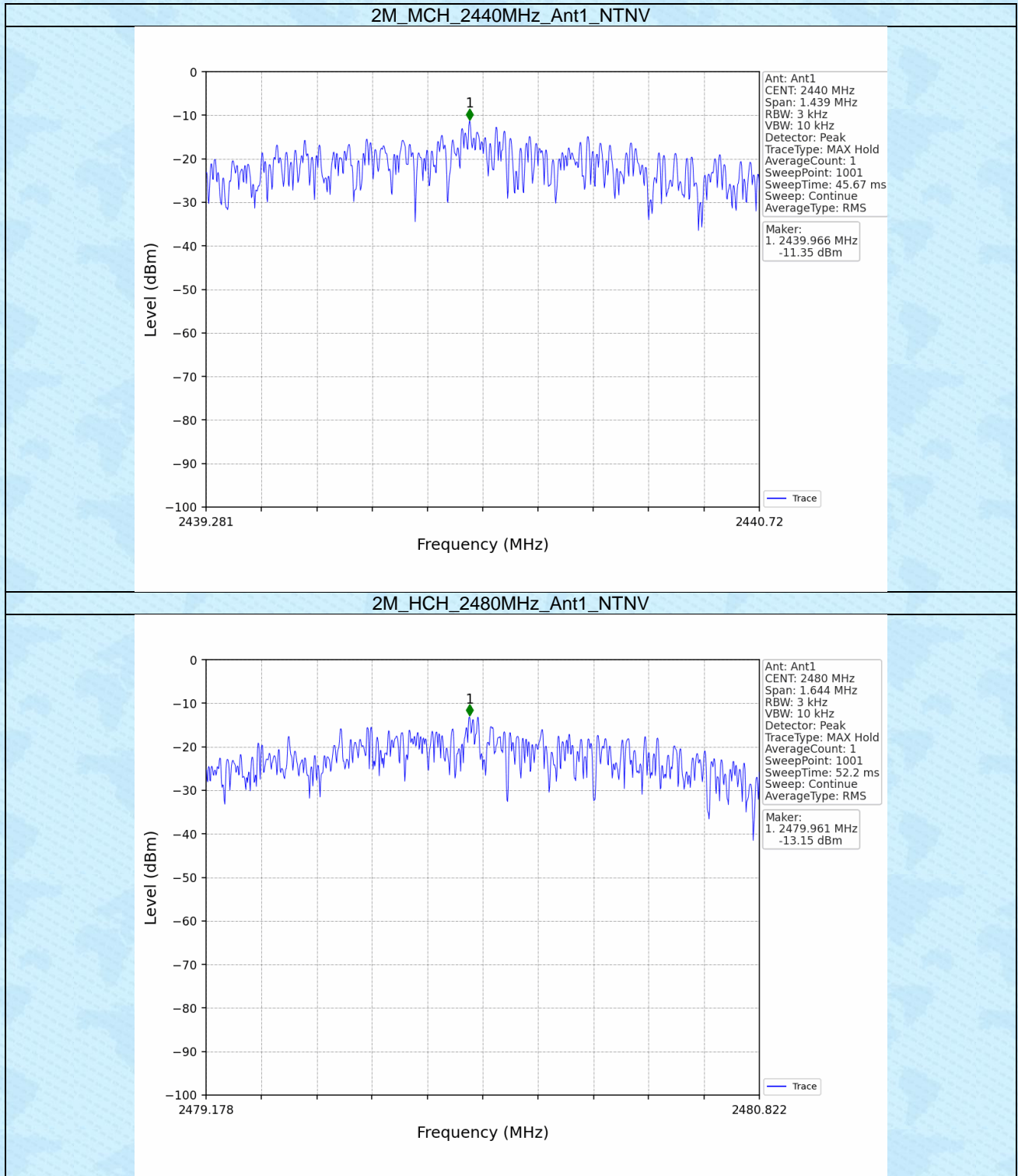


S2_HCH_2480MHz_Ant1_NTNV









5. Unwanted Emissions In Non-restricted Frequency Bands

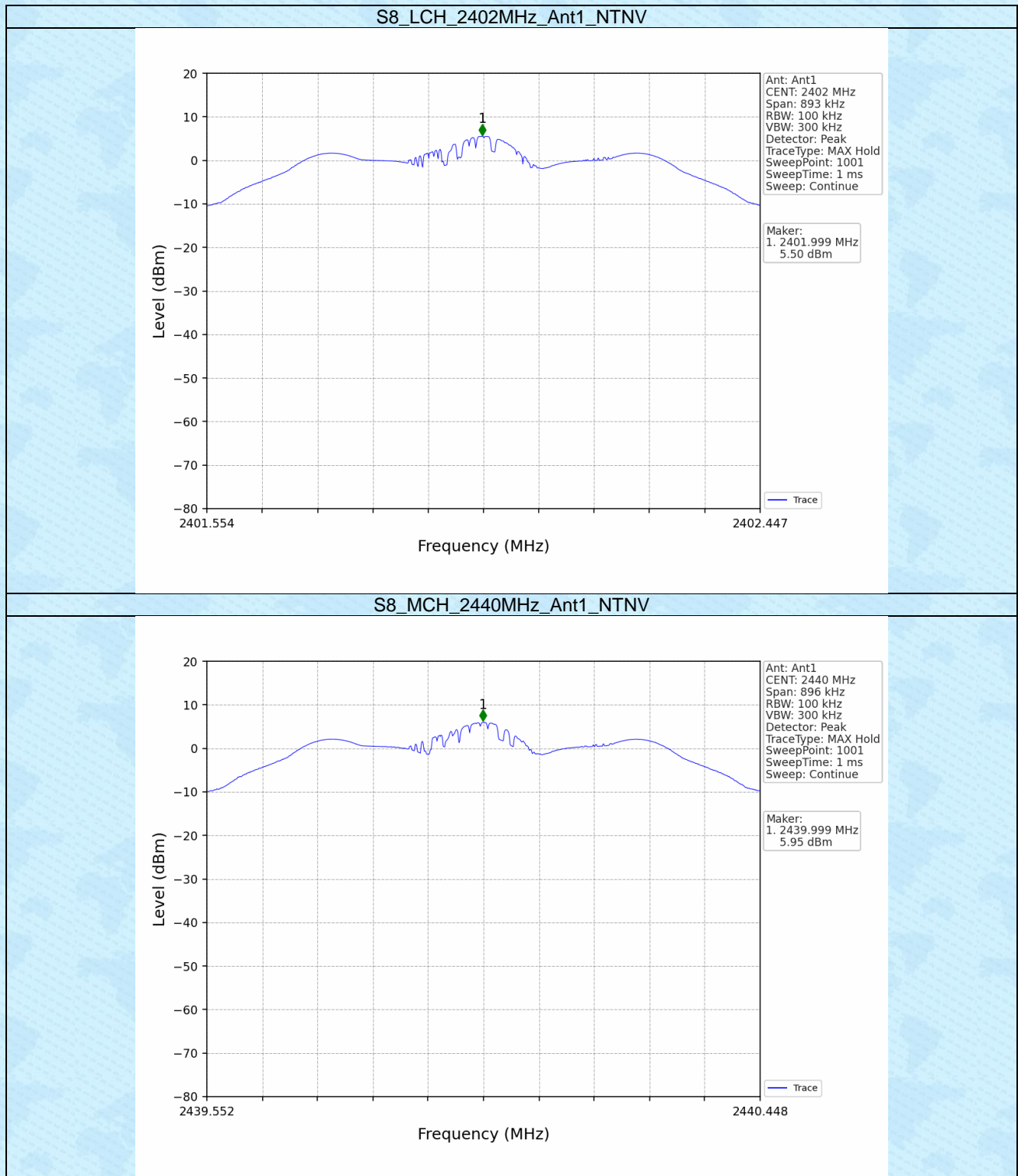
5.1 Ref

5.1.1 Test Result

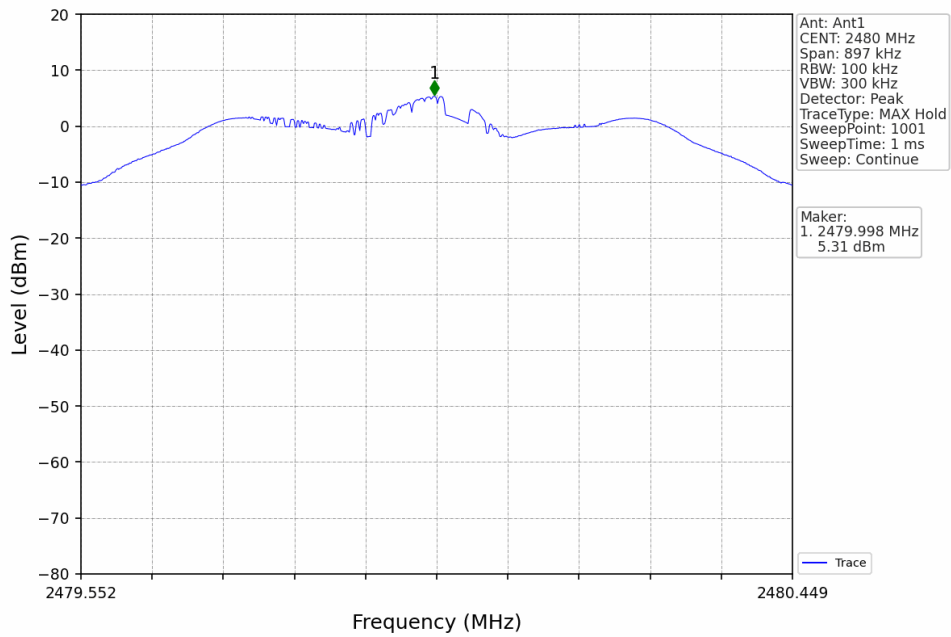
Mode	TX Type	Frequency (MHz)	ANT	Level of Reference (dBm)
S8	SISO	2402	1	5.50
		2440	1	5.95
		2480	1	5.31
S2	SISO	2402	1	5.48
		2440	1	5.82
		2480	1	5.57
1M	SISO	2402	1	5.40
		2440	1	6.13
		2480	1	5.54
2M	SISO	2402	1	5.64
		2440	1	5.62
		2480	1	5.01

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.

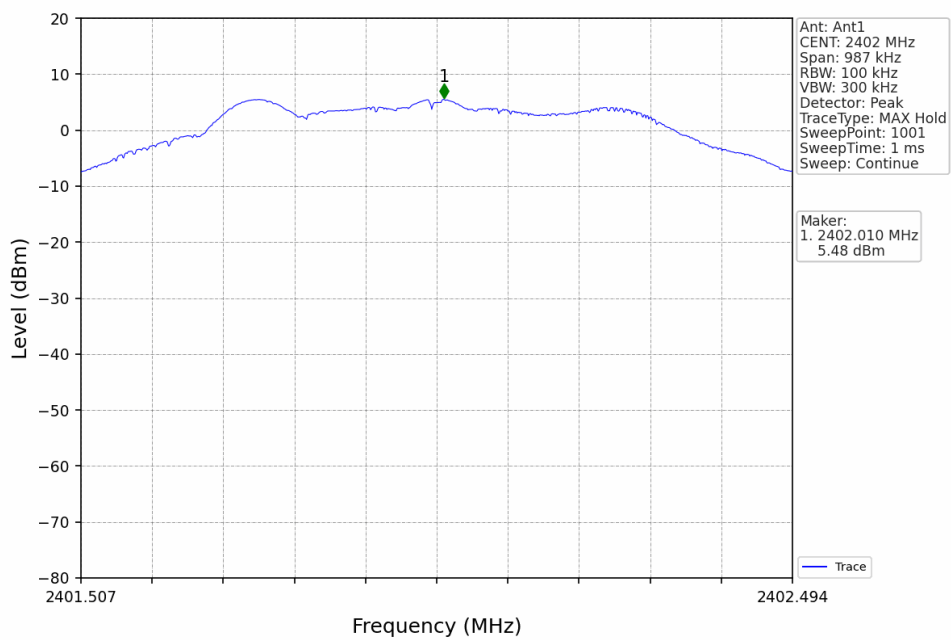
5.1.2 Test Graph



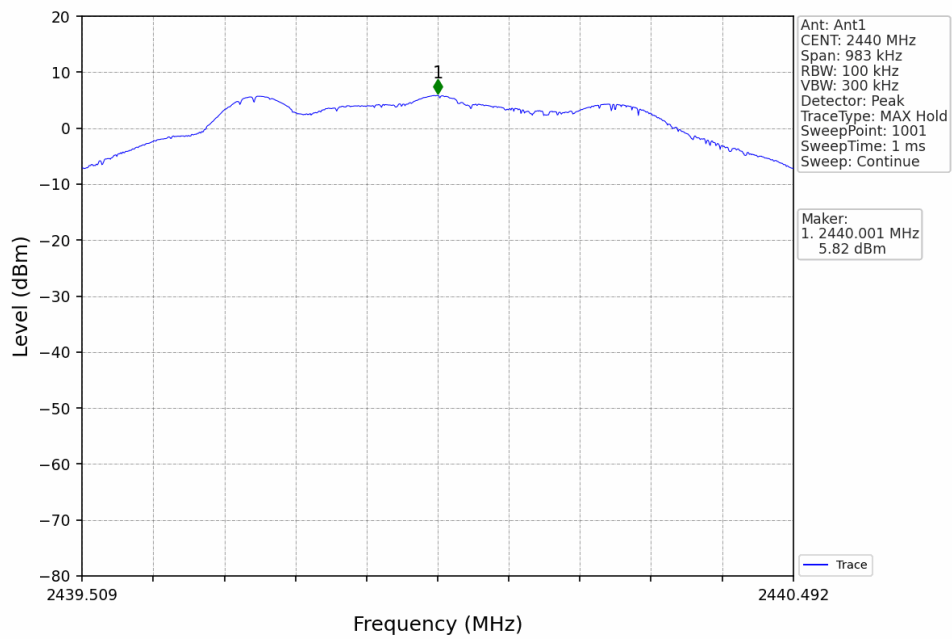
S8_HCH_2480MHz_Ant1_NTNV



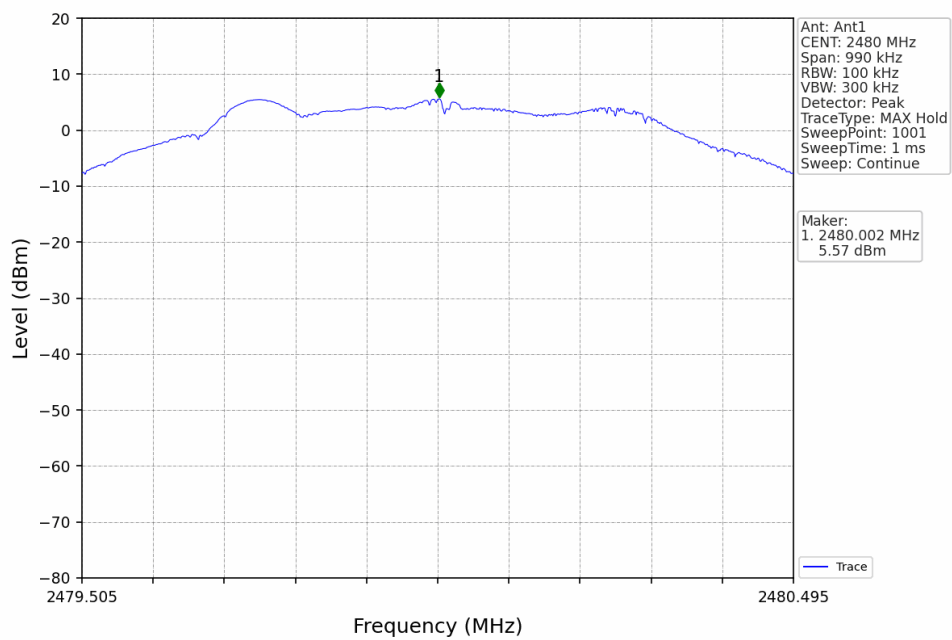
S2_LCH_2402MHz_Ant1_NTNV



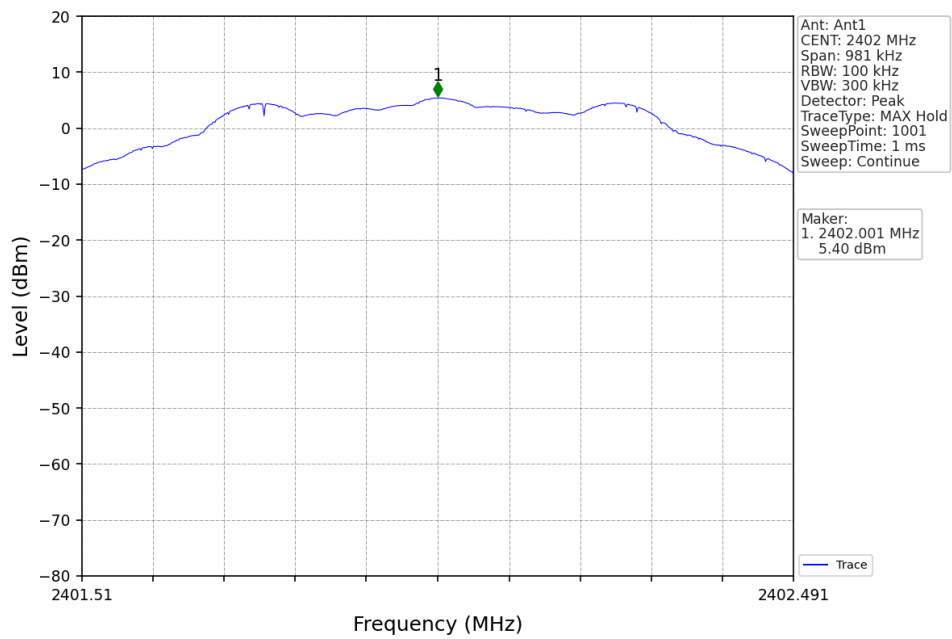
S2_MCH_2440MHz_Ant1_NTNV



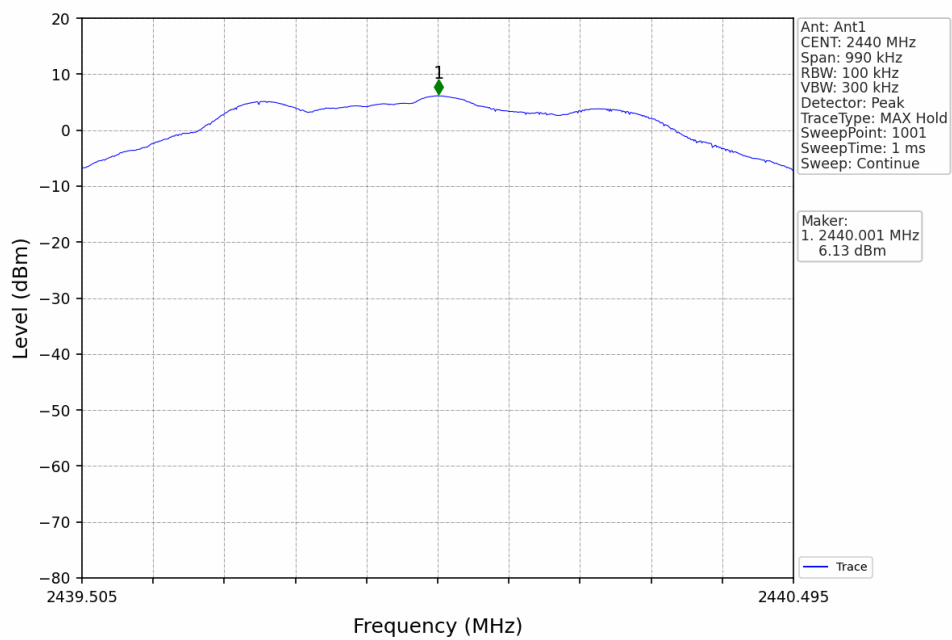
S2_HCH_2480MHz_Ant1_NTNV



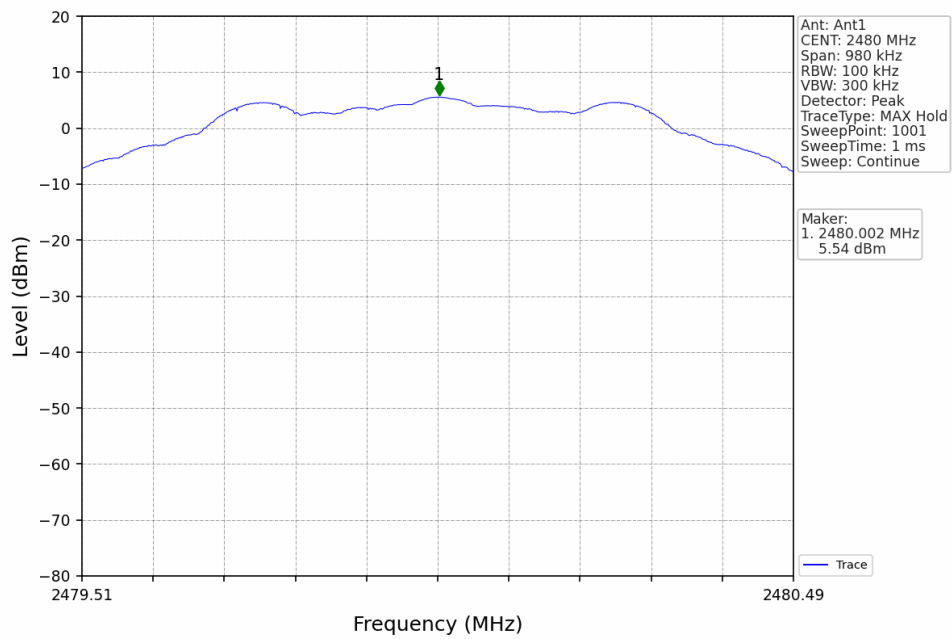
1M_LCH_2402MHz_Ant1_NTNV



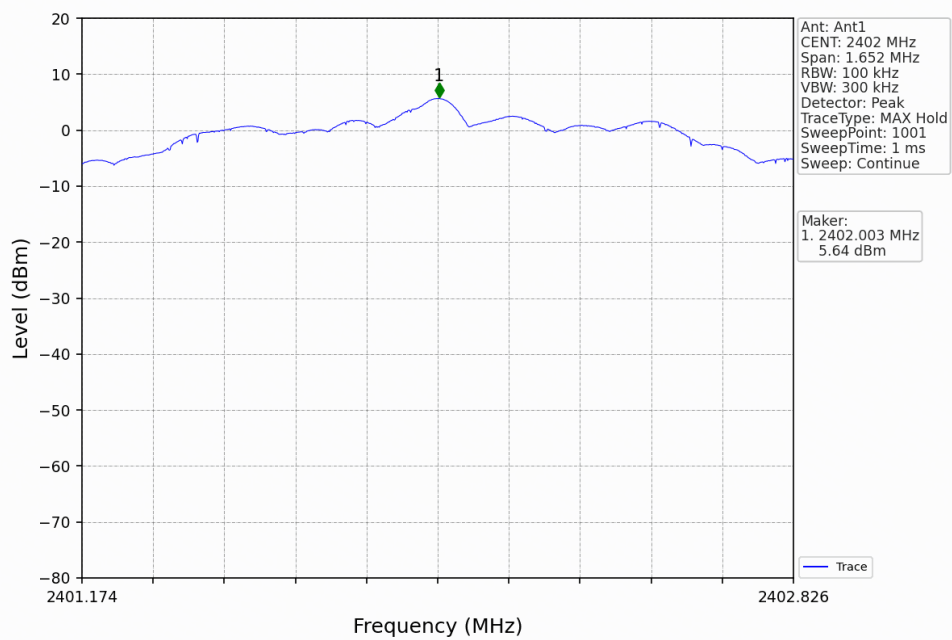
1M_MCH_2440MHz_Ant1_NTNV



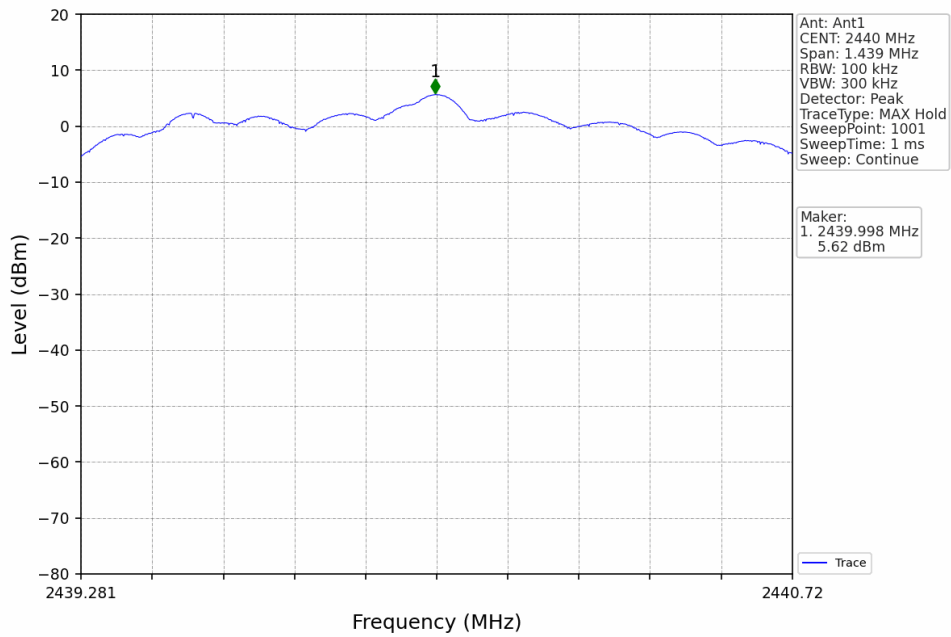
1M_HCH_2480MHz_Ant1_NTNV



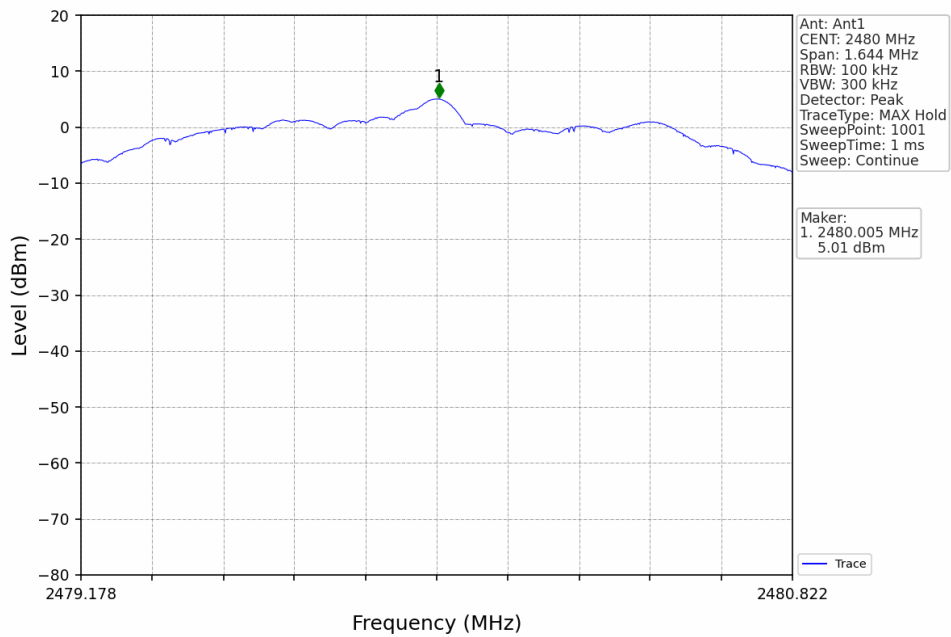
2M_LCH_2402MHz_Ant1_NTNV



2M_MCH_2440MHz_Ant1_NTNV



2M_HCH_2480MHz_Ant1_NTNV



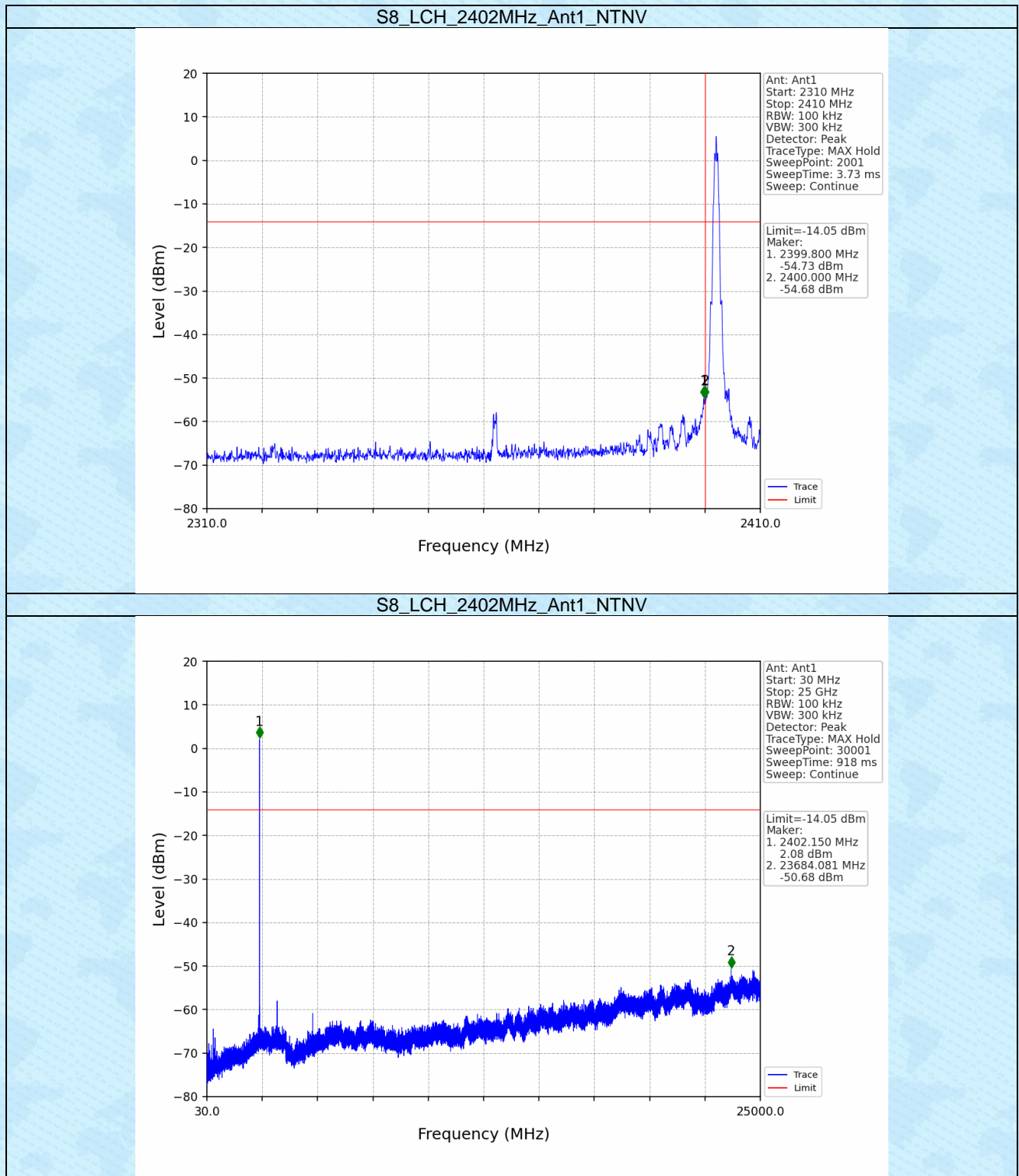
5.2 CSE

5.2.1 Test Result

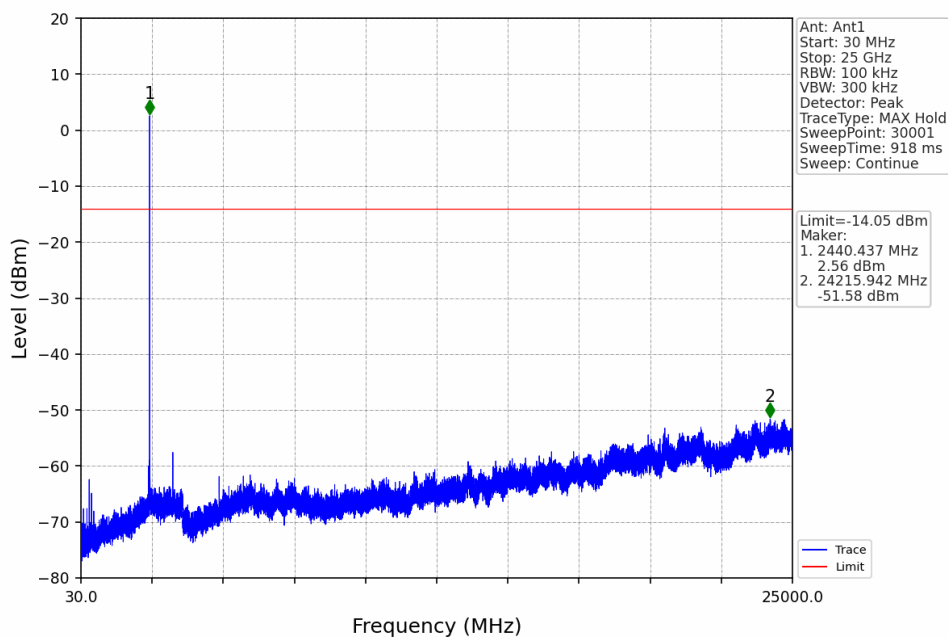
Mode	TX Type	Frequency (MHz)	ANT	Level of Reference (dBm)	Limit (dBm)	Verdict
S8	SISO	2402	1	5.95	-14.05	Pass
		2440	1	5.95	-14.05	Pass
		2480	1	5.95	-14.05	Pass
S2	SISO	2402	1	5.82	-14.18	Pass
		2440	1	5.82	-14.18	Pass
		2480	1	5.82	-14.18	Pass
1M	SISO	2402	1	6.13	-13.87	Pass
		2440	1	6.13	-13.87	Pass
		2480	1	6.13	-13.87	Pass
2M	SISO	2402	1	5.64	-14.36	Pass
		2440	1	5.64	-14.36	Pass
		2480	1	5.64	-14.36	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.

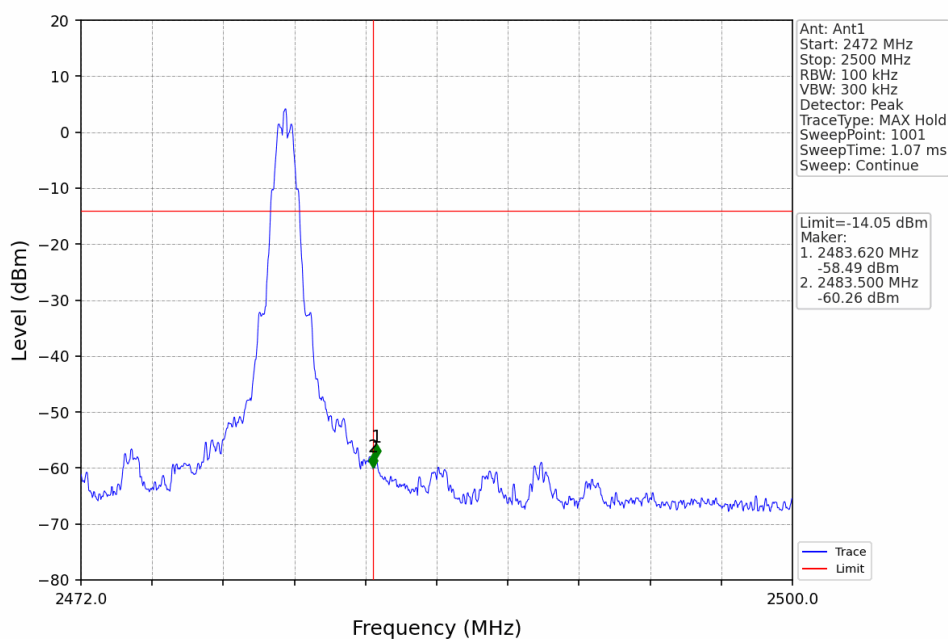
5.2.2 Test Graph



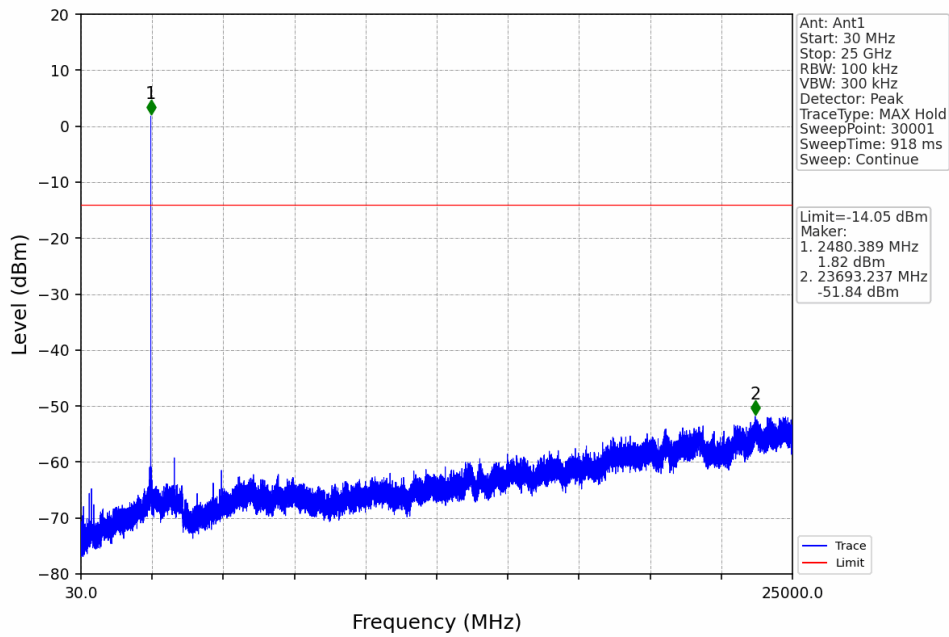
S8_MCH_2440MHz_Ant1_NTNV



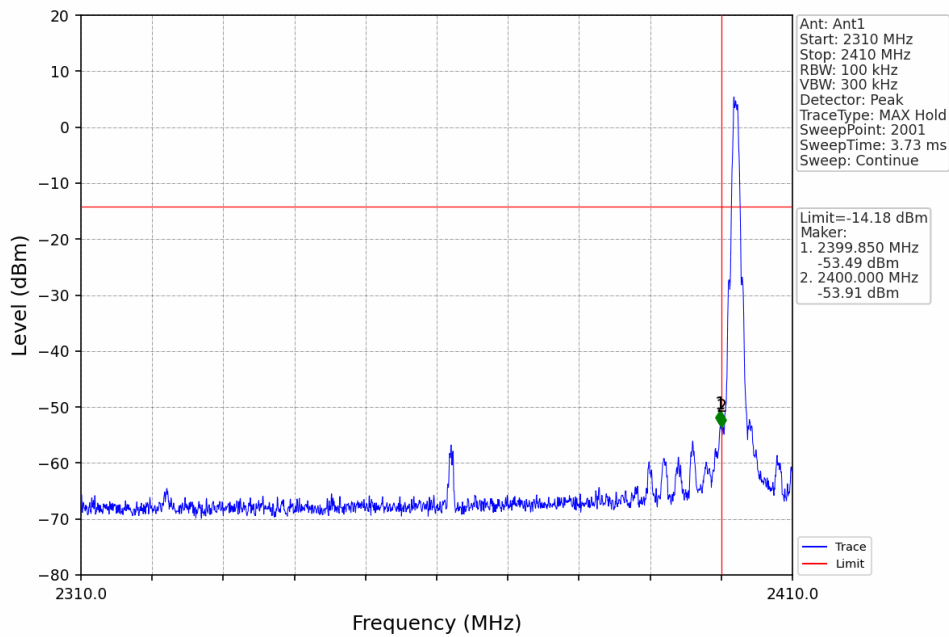
S8_HCH_2480MHz_Ant1_NTNV



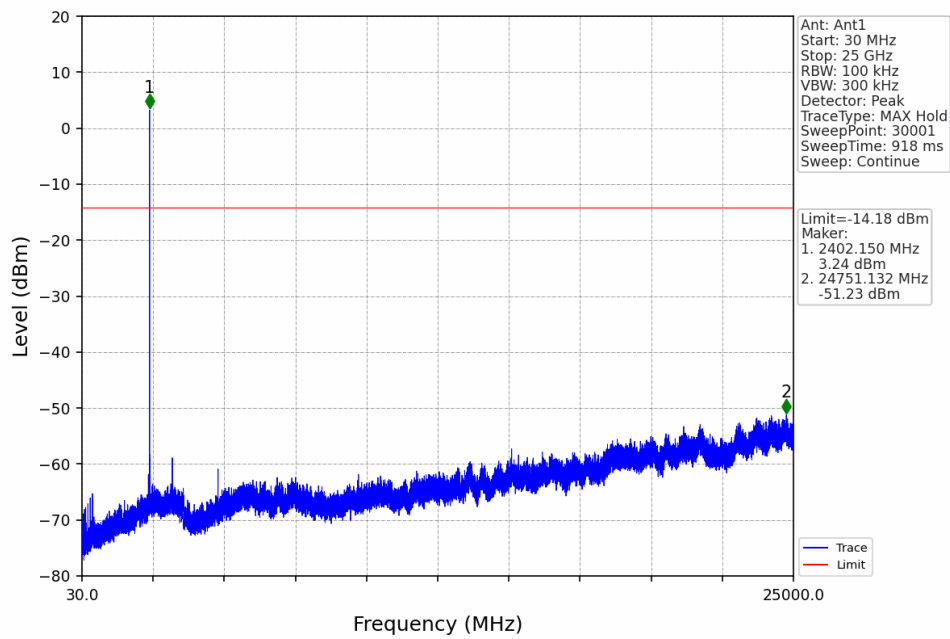
S8_HCH_2480MHz_Ant1_NTNV



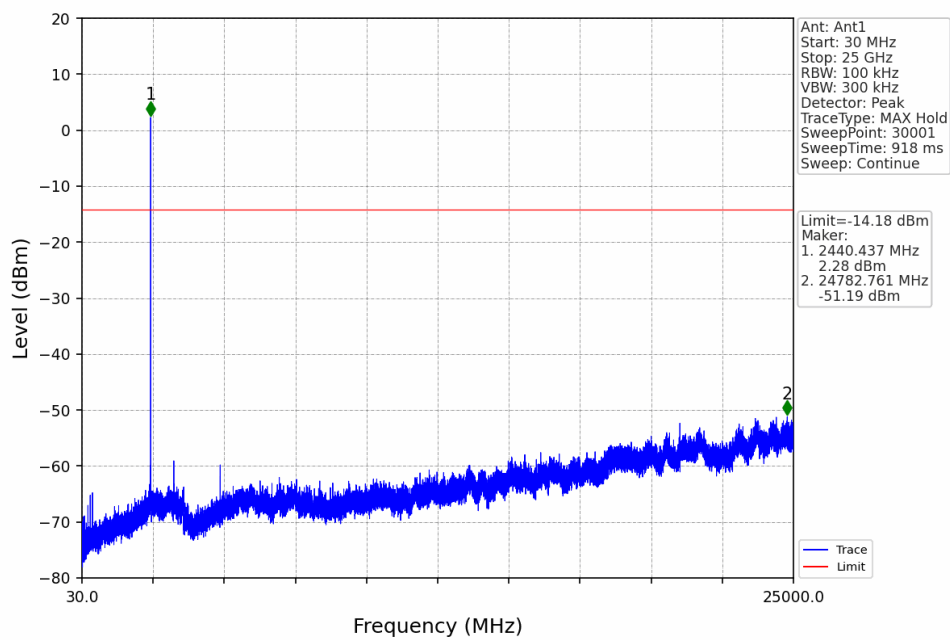
S2_LCH_2402MHz_Ant1_NTNV

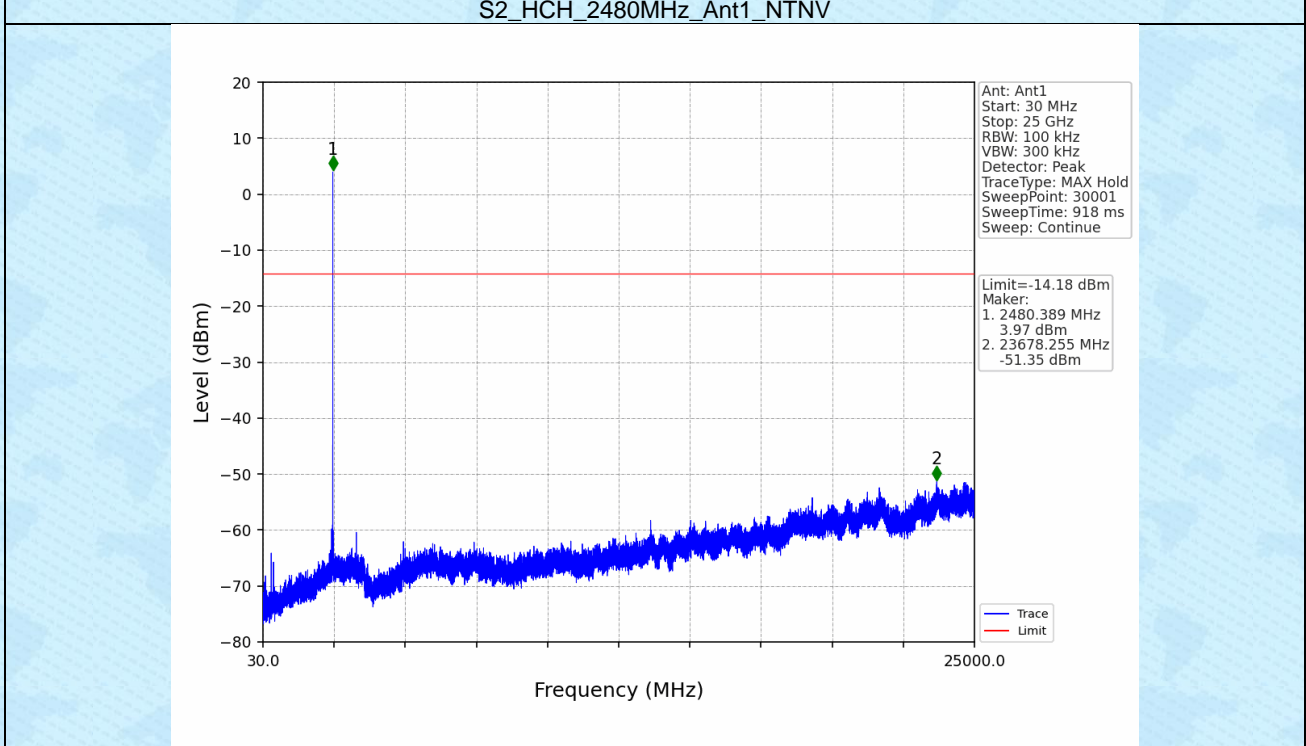
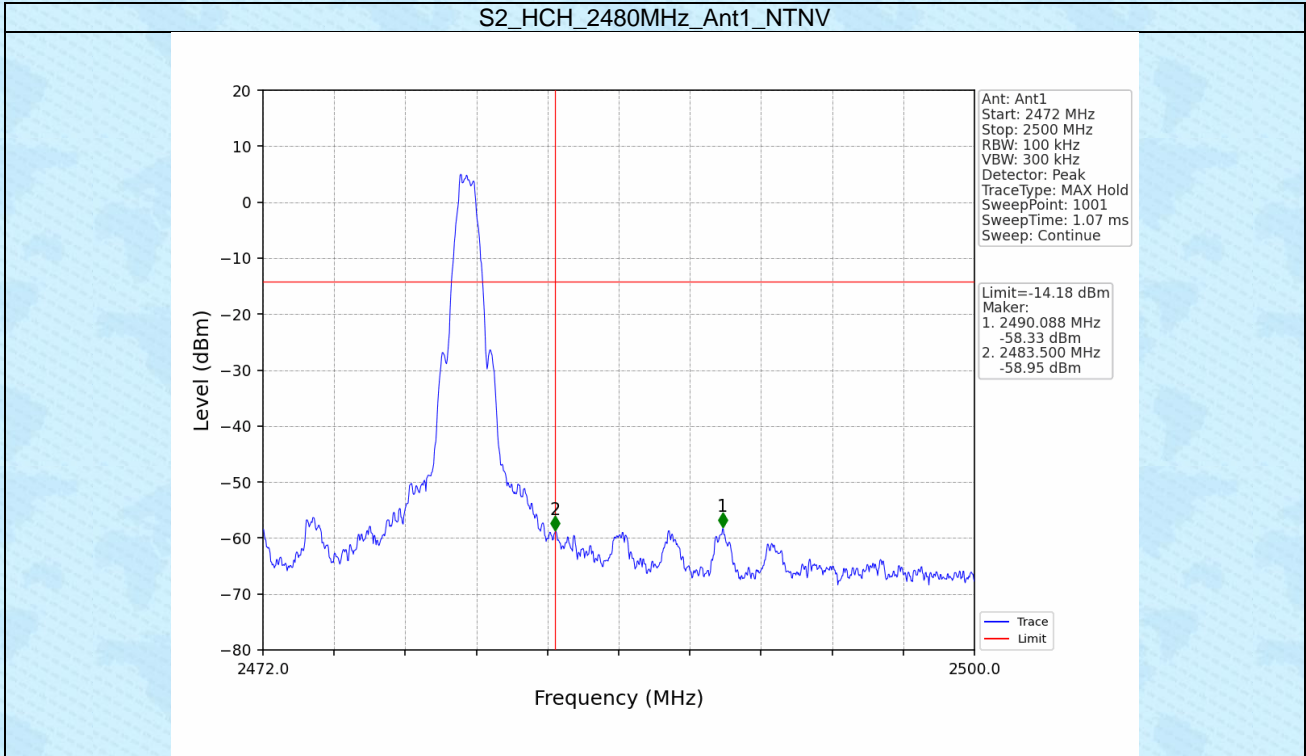


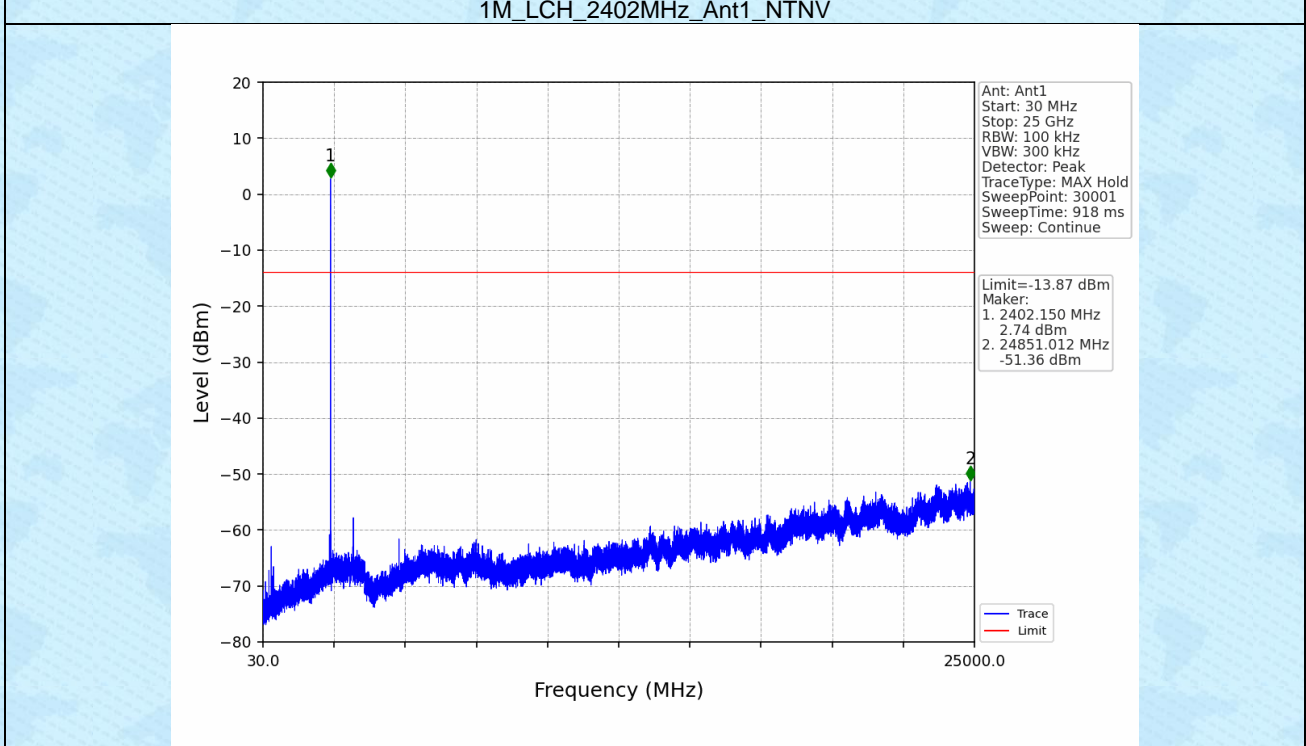
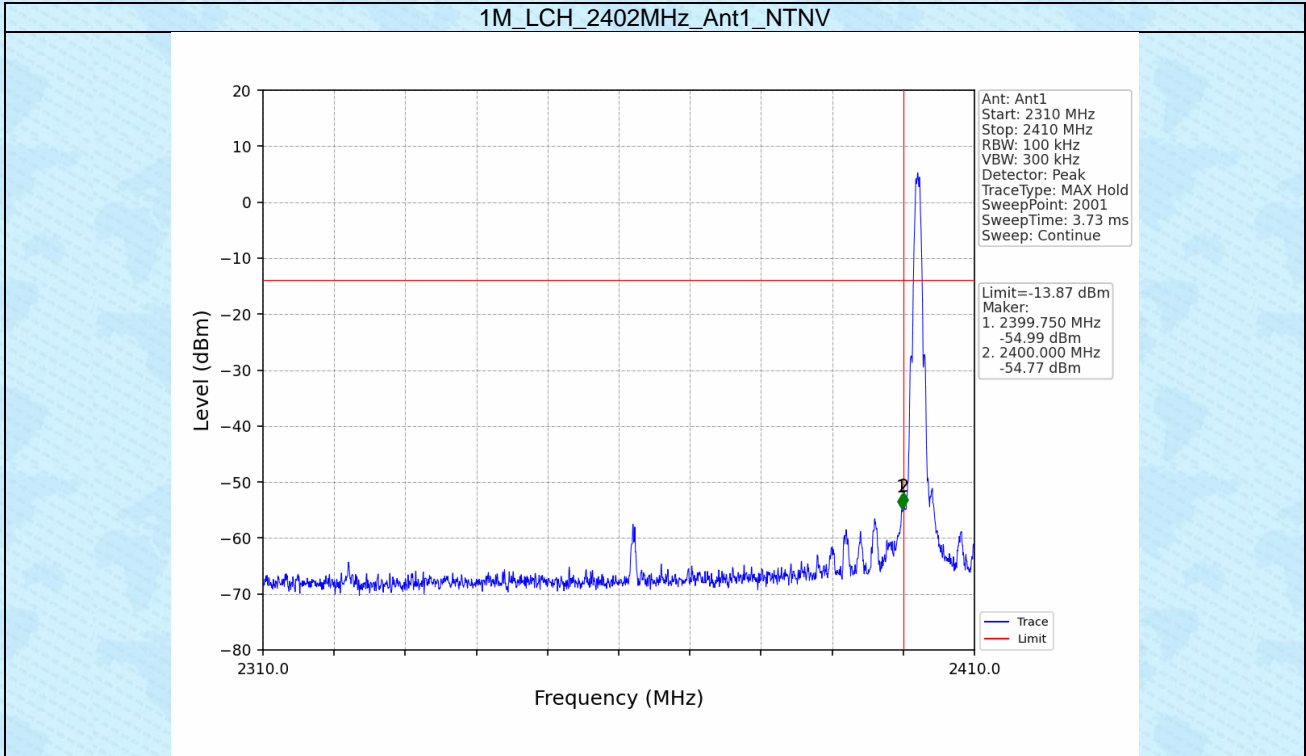
S2_LCH_2402MHz_Ant1_NTNV



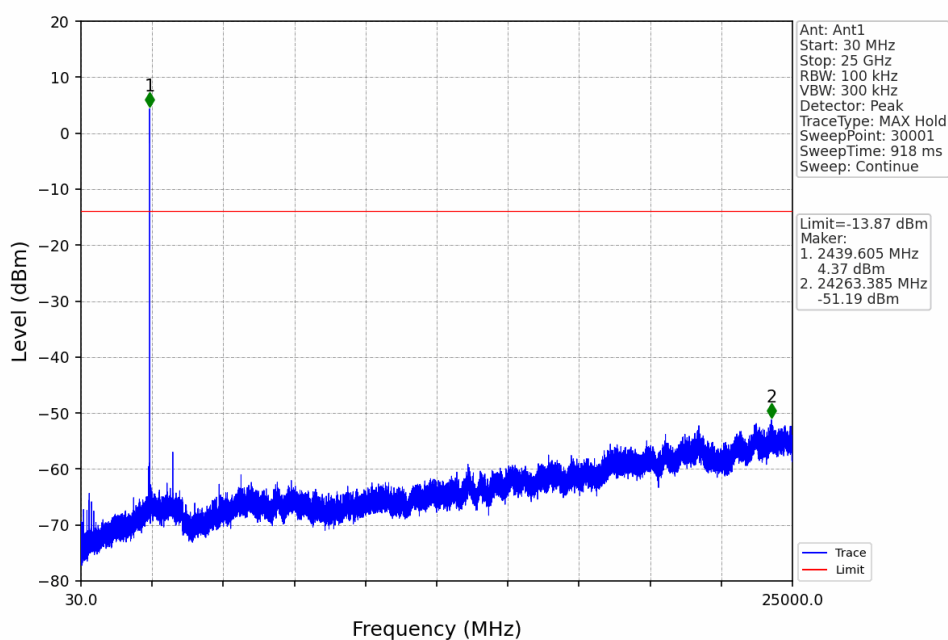
S2_MCH_2440MHz_Ant1_NTNV



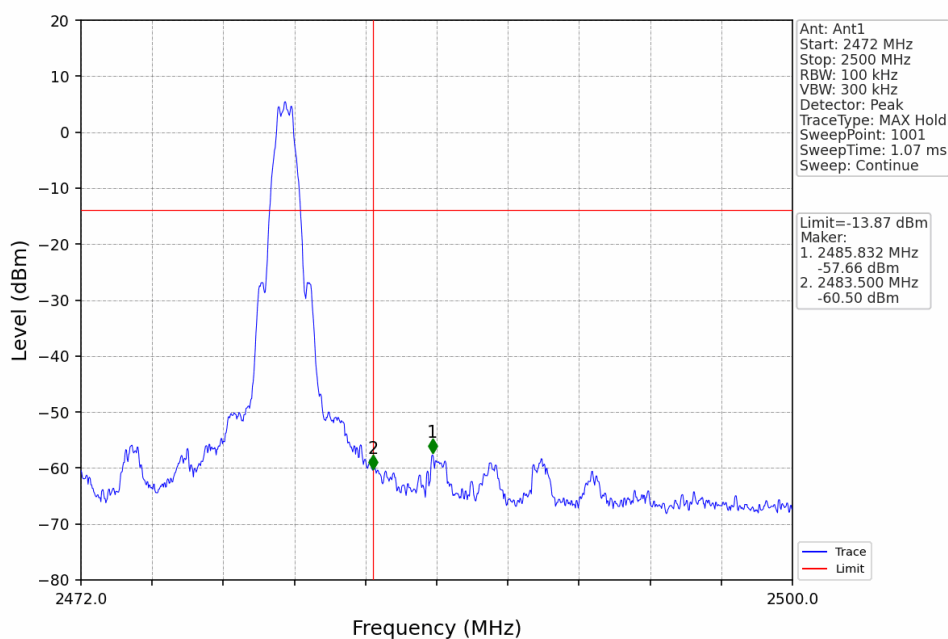




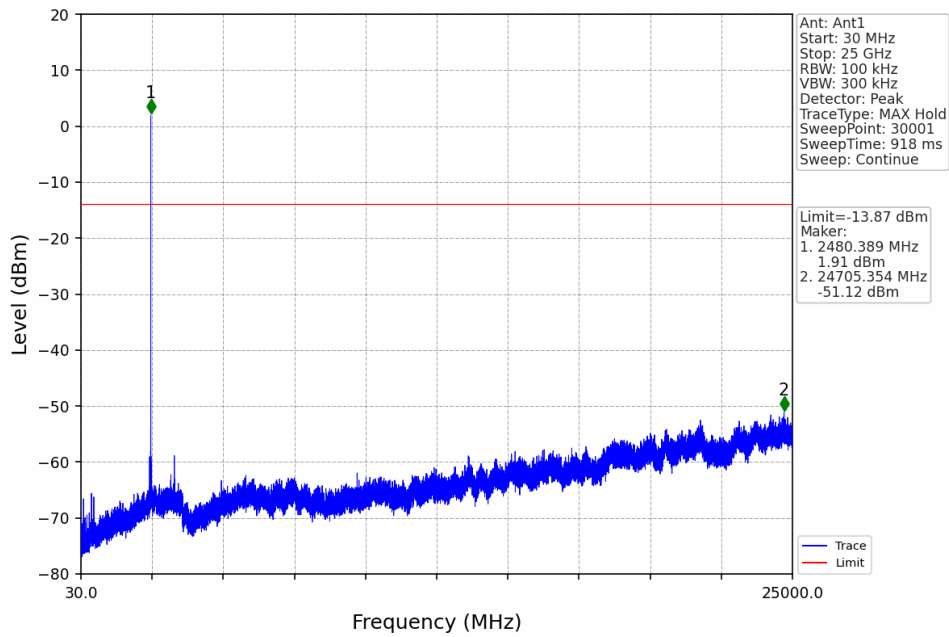
1M_MCH_2440MHz_Ant1_NTNV



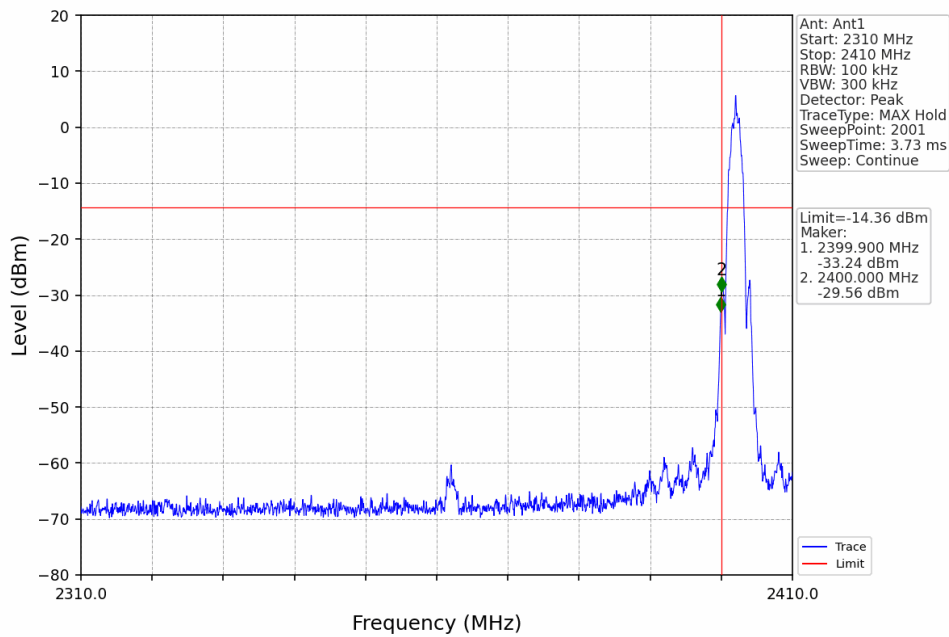
1M_HCH_2480MHz_Ant1_NTNV



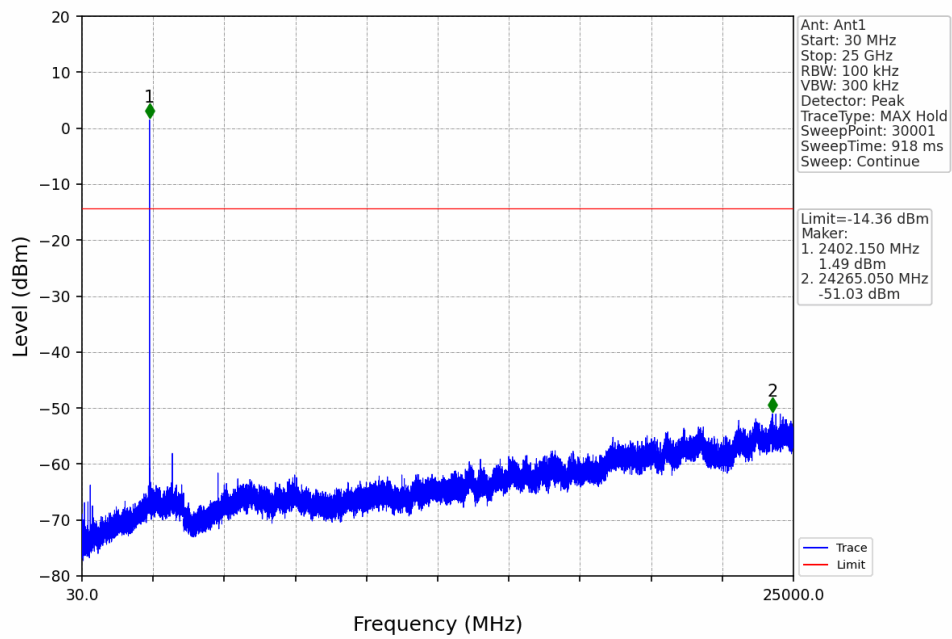
1M_HCH_2480MHz_Ant1_NTNV



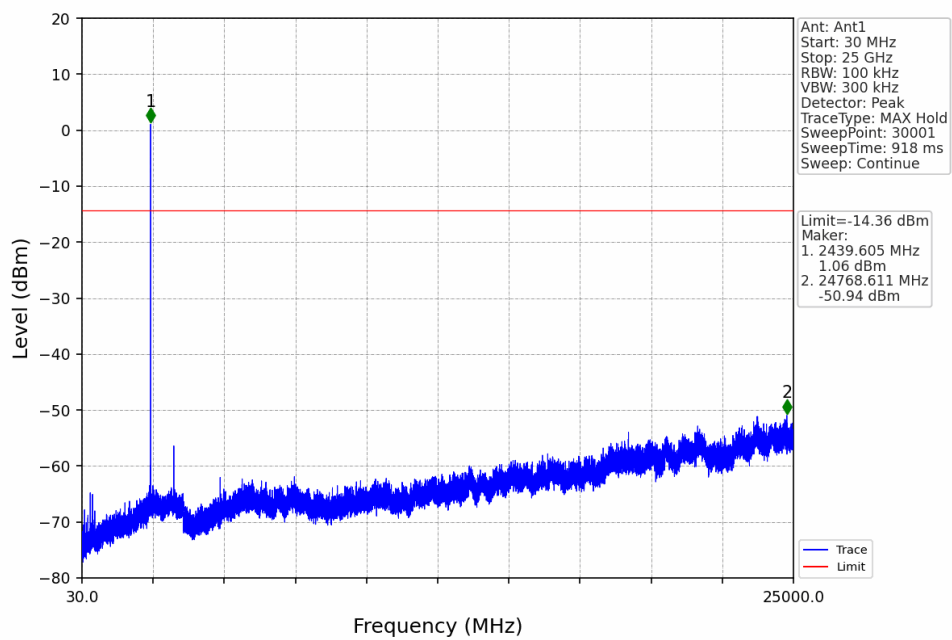
2M_LCH_2402MHz_Ant1_NTNV

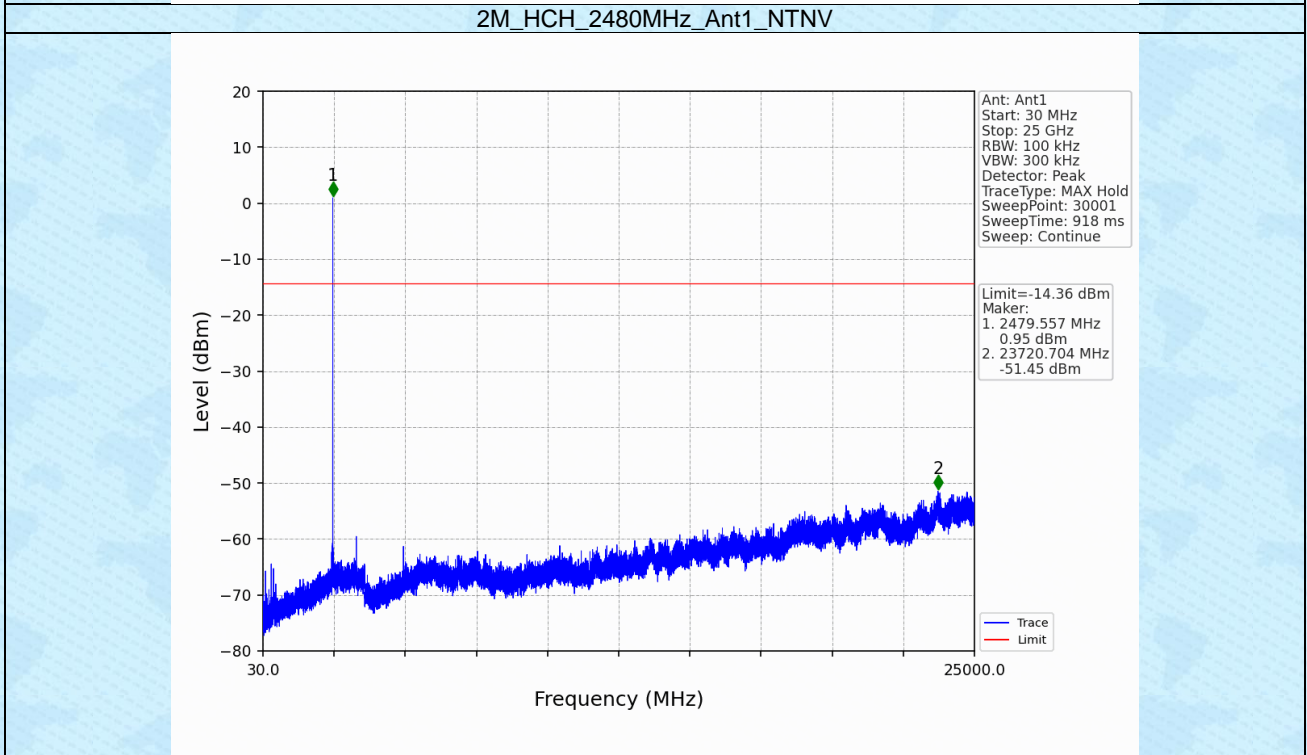
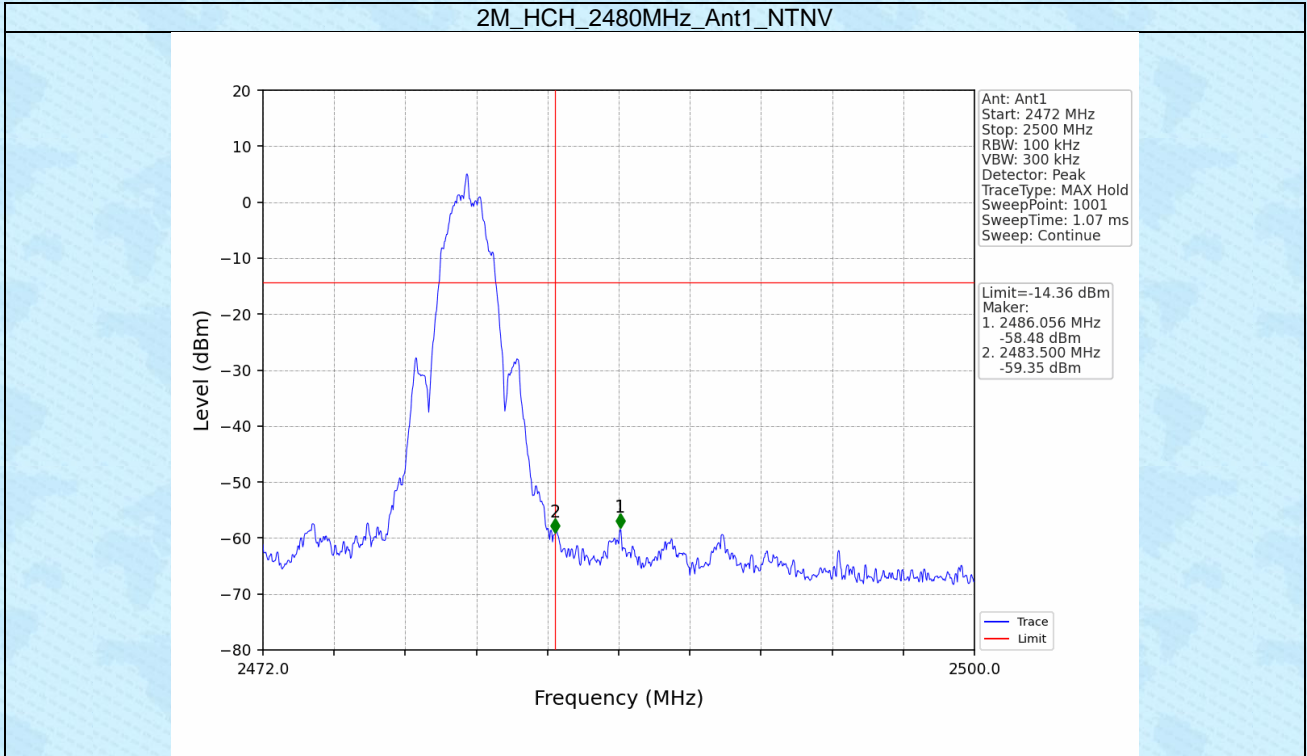


2M_LCH_2402MHz_Ant1_NTNV



2M_MCH_2440MHz_Ant1_NTNV





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