1. Bandwidth

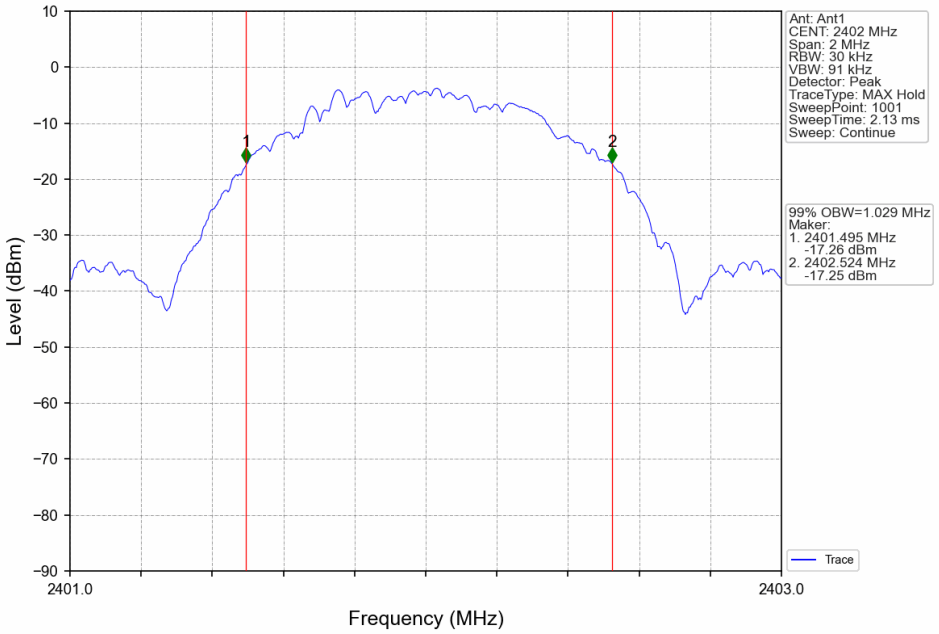
1.1 OBW

1.1.1 Test Result

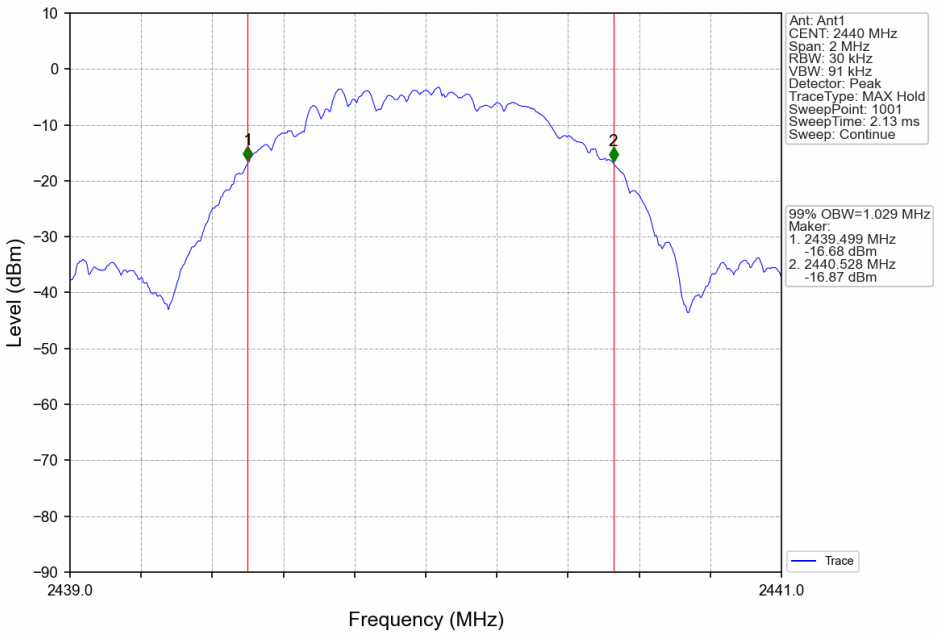
Mode	TX Type	Frequency (MHz)	ANT	99% Occupied Bandwidth (MHz)		Verdict
				Result	Limit	
1M	SISO	2402	1	1.029	/	Pass
		2440	1	1.029	/	Pass
		2480	1	1.030	/	Pass
2M	SISO	2402	1	2.023	/	Pass
		2440	1	2.023	/	Pass
		2480	1	2.024	/	Pass

1.1.2 Test Graph

1M_LCH_2402MHz_Ant1_NTNV

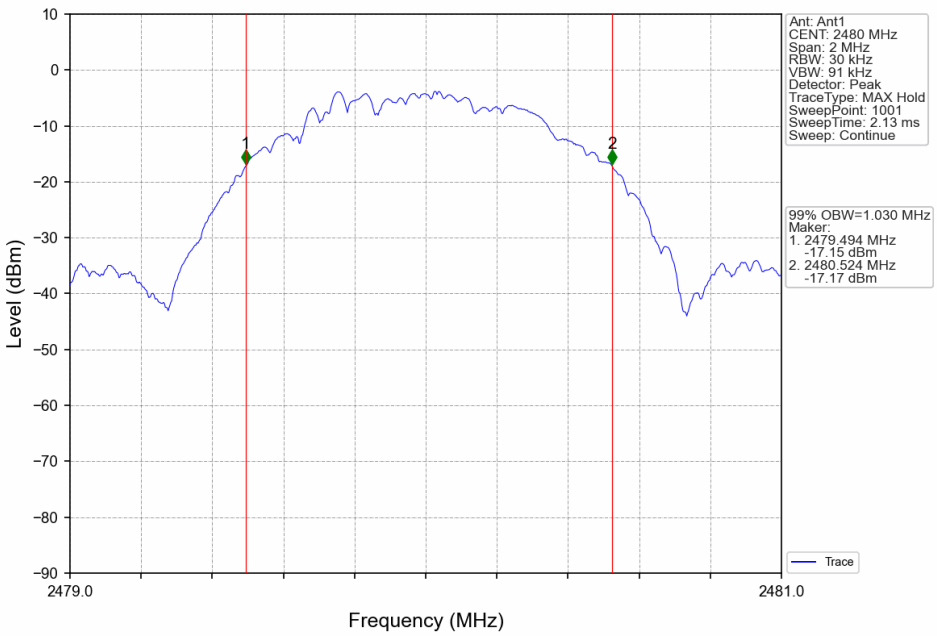


1M_MCH_2440MHz_Ant1_NTNV

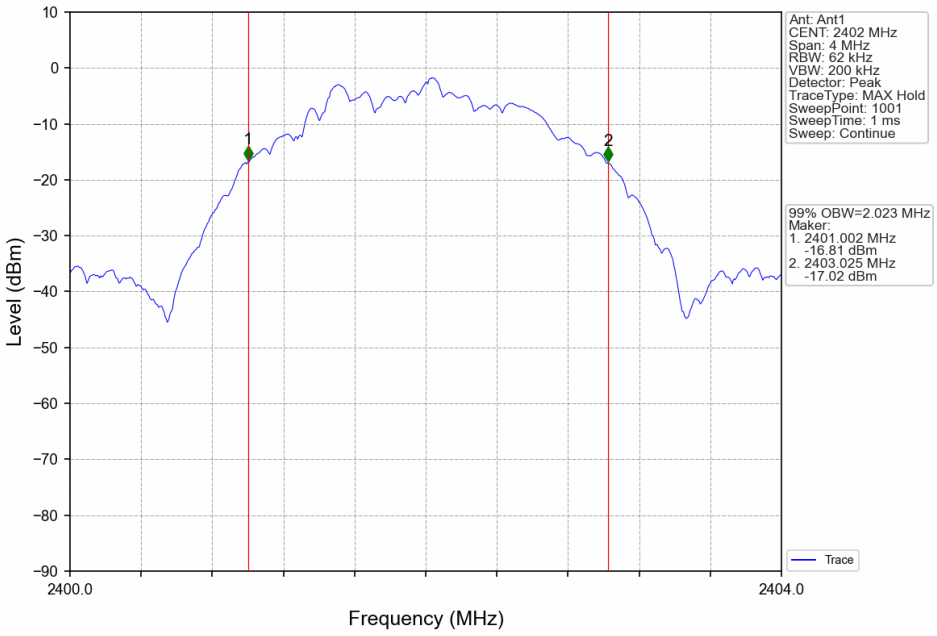


Model: YAMATRACK B

1M_HCH_2480MHz_Ant1_NTNV

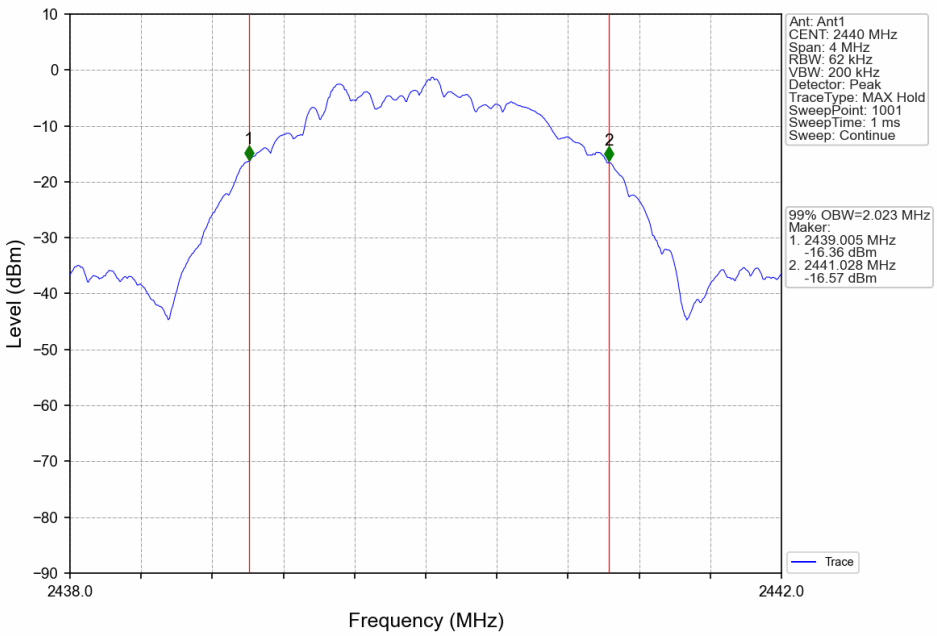


2M_LCH_2402MHz_Ant1_NTNV

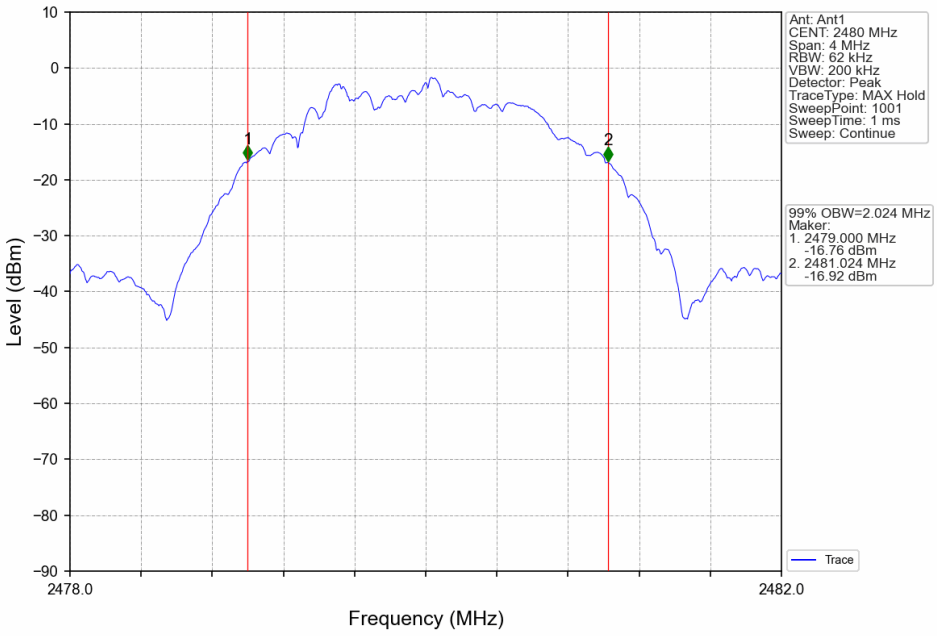


Model: YAMATRACK B

2M_MCH_2440MHz_Ant1_NTNV



2M_HCH_2480MHz_Ant1_NTNV



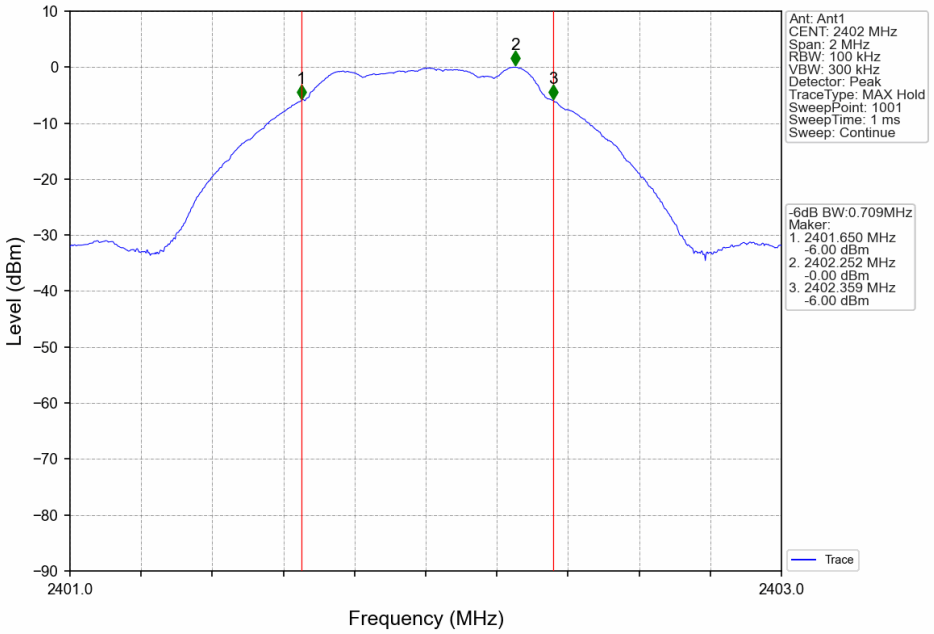
1.2 6dB BW

1.2.1 Test Result

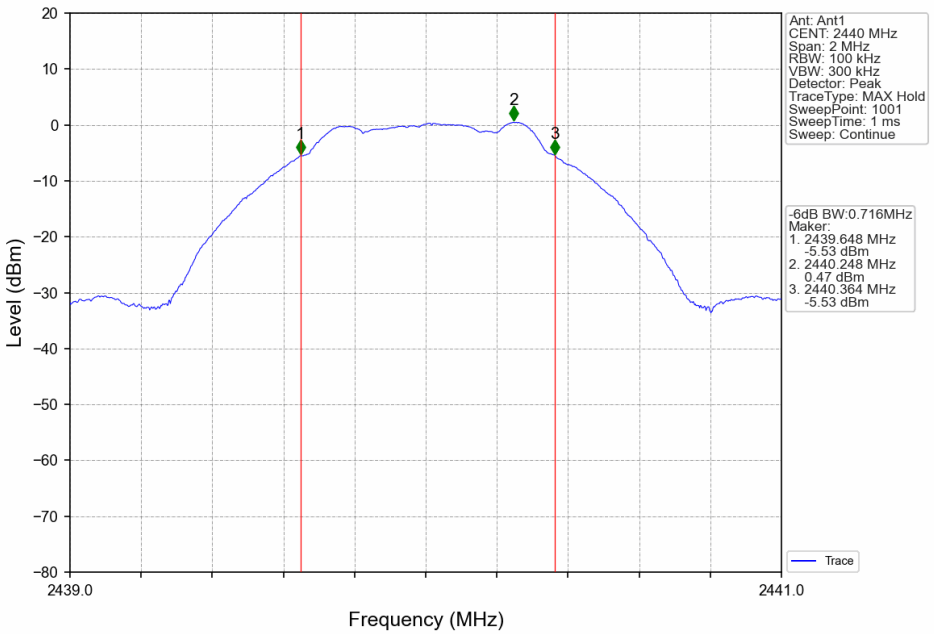
Mode	TX Type	Frequency (MHz)	ANT	6dB Bandwidth (MHz)		Verdict
				Result	Limit	
1M	SISO	2402	1	0.709	>=0.5	Pass
		2440	1	0.716	>=0.5	Pass
		2480	1	0.710	>=0.5	Pass
2M	SISO	2402	1	1.186	>=0.5	Pass
		2440	1	1.252	>=0.5	Pass
		2480	1	1.187	>=0.5	Pass

1.2.2 Test Graph

1M_LCH_2402MHz_Ant1_NTNV

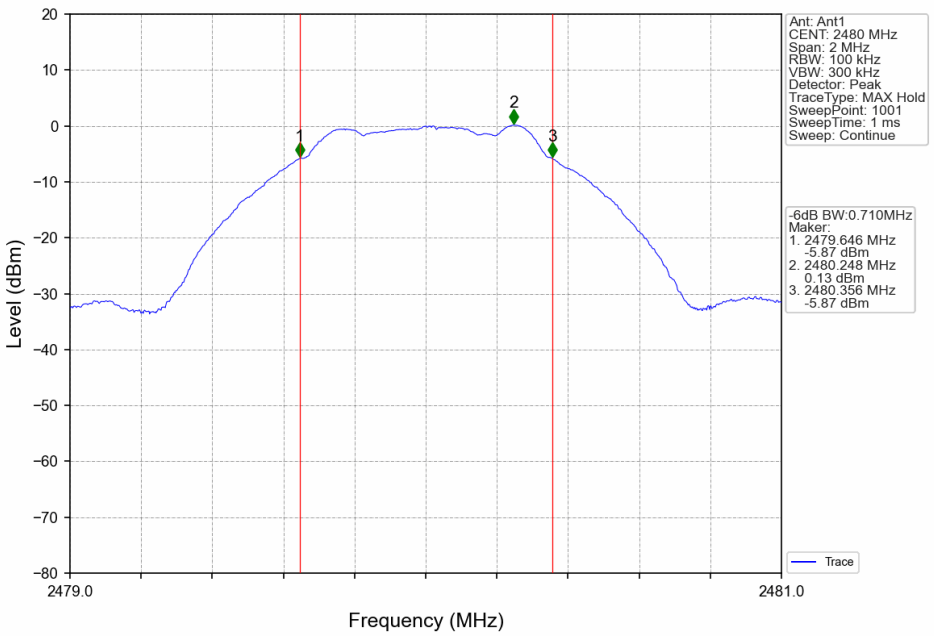


1M_MCH_2440MHz_Ant1_NTNV

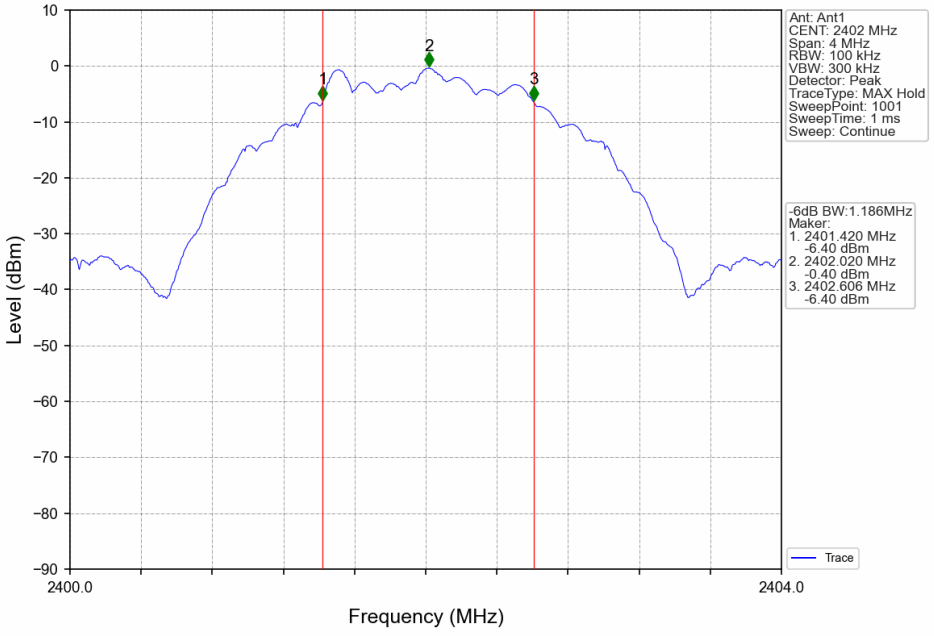


Model: YAMATRACK B

1M_HCH_2480MHz_Ant1_NTNV

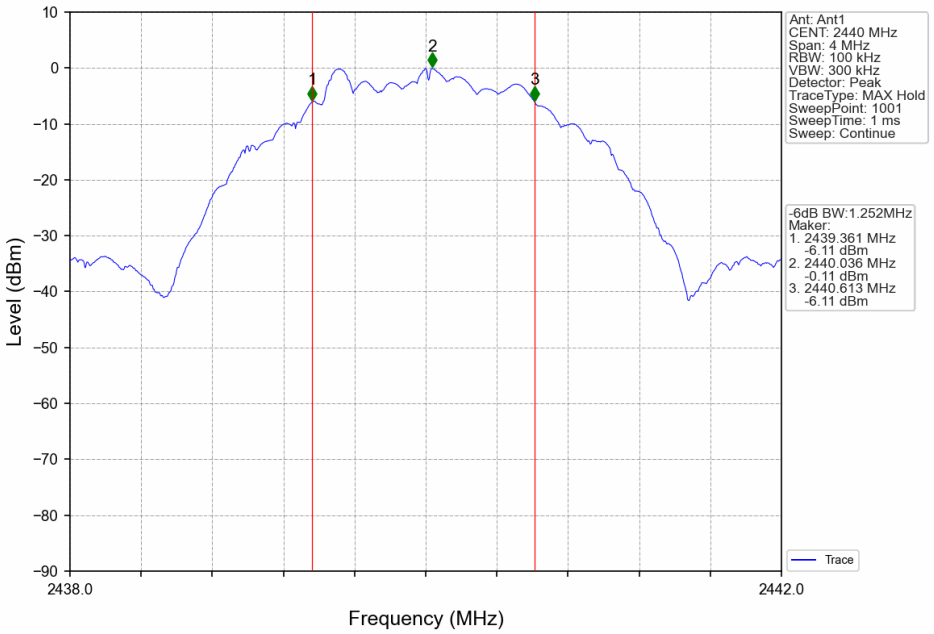


2M_LCH_2402MHz_Ant1_NTNV

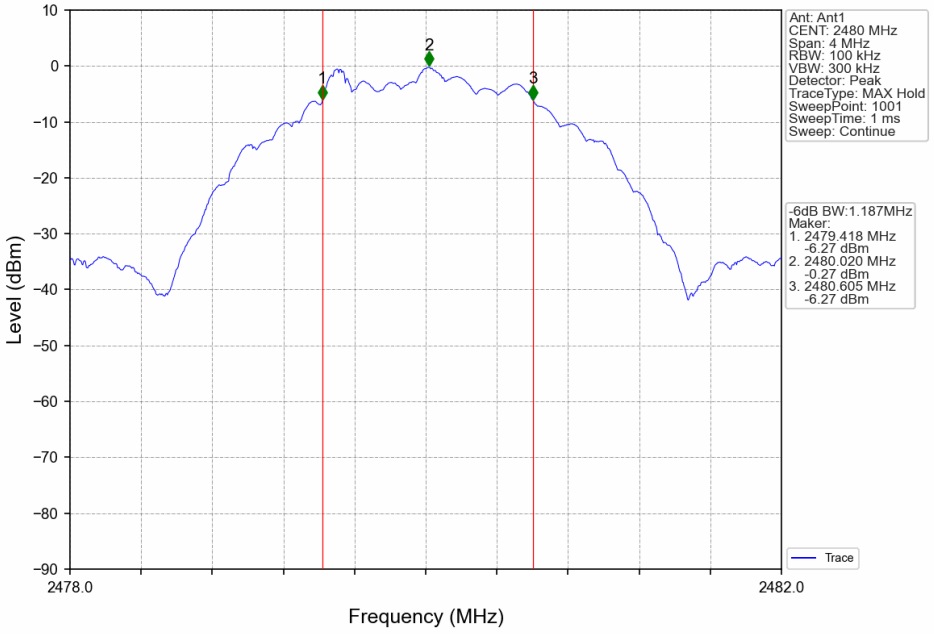


Model: YAMATRACK B

2M_MCH_2440MHz_Ant1_NTNV



2M_HCH_2480MHz_Ant1_NTNV



2. Maximum Conducted Output Power

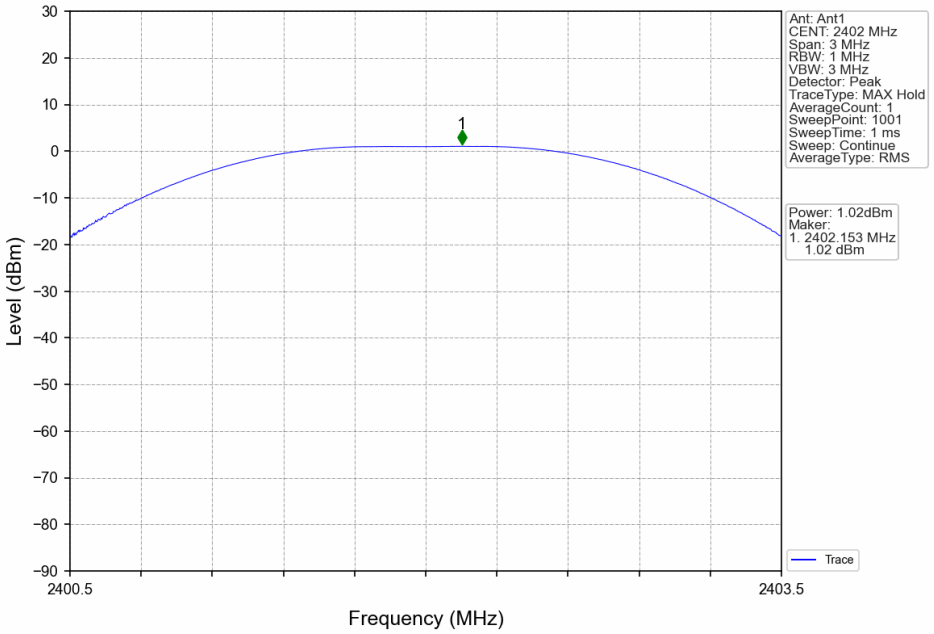
2.1 Power

2.1.1 Test Result

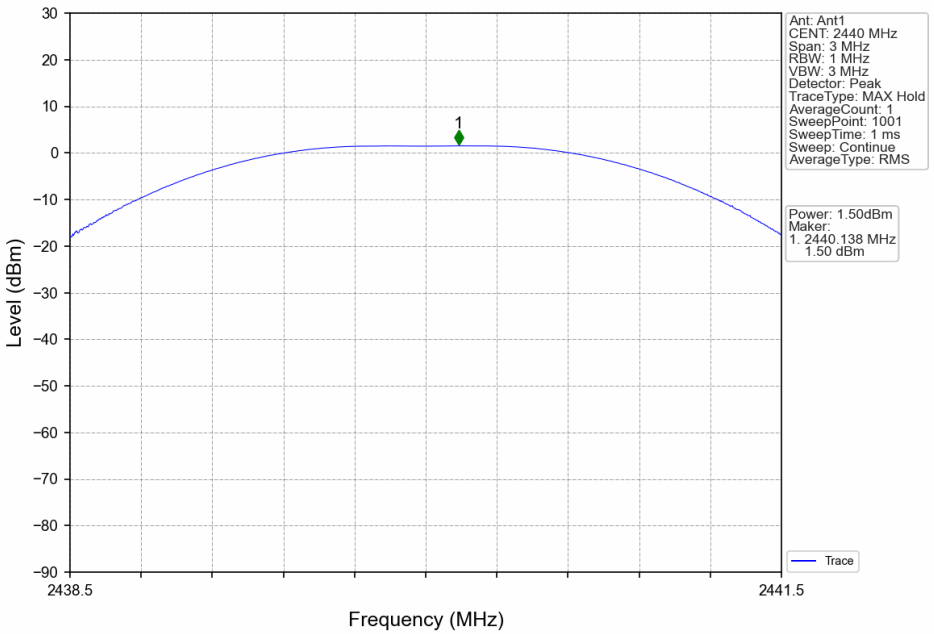
Mode	TX Type	Frequency (MHz)	Maximum Peak Conducted Output Power (dBm)		Verdict
			ANT1	Limit	
1M	SISO	2402	1.02	<=30	Pass
		2440	1.50	<=30	Pass
		2480	1.16	<=30	Pass
2M	SISO	2402	1.02	<=30	Pass
		2440	1.50	<=30	Pass
		2480	1.15	<=30	Pass
Note1: Antenna Gain: Ant1: 2.39dBi;					

2.1.2 Test Graph

1M_LCH_2402MHz_Ant1_NTNV

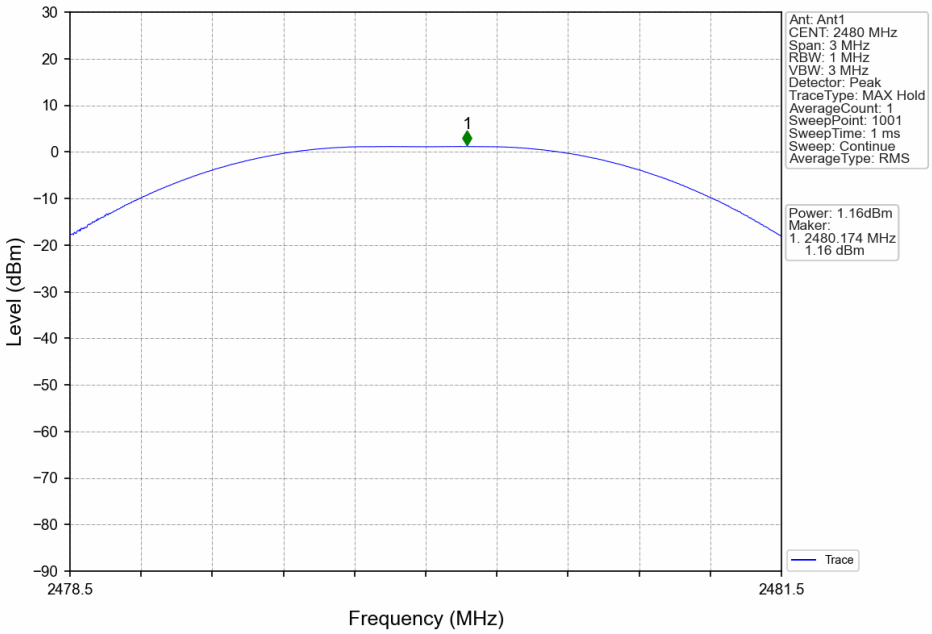


1M_MCH_2440MHz_Ant1_NTNV

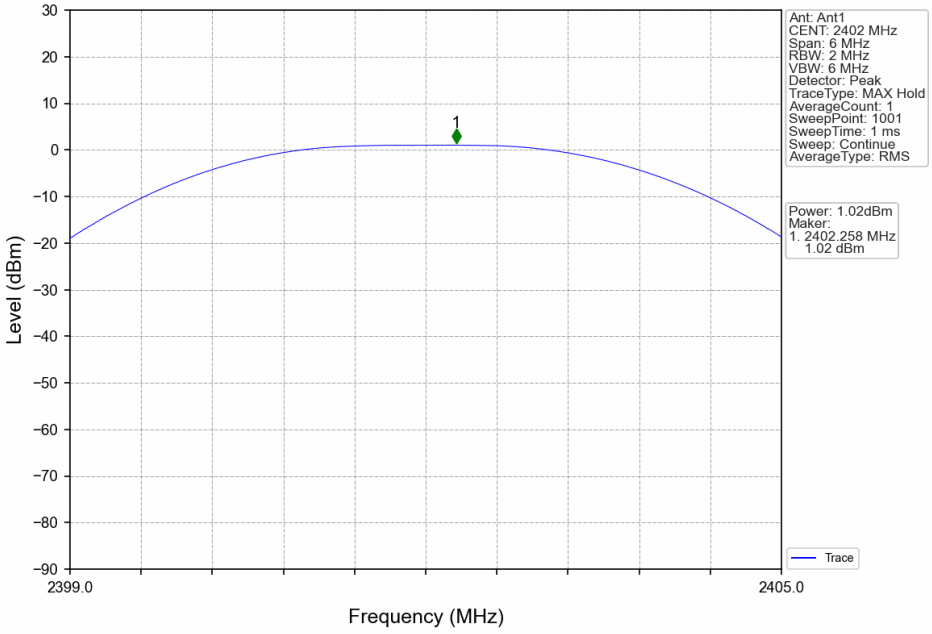


Model: YAMATRACK B

1M_HCH_2480MHz_Ant1_NTNV

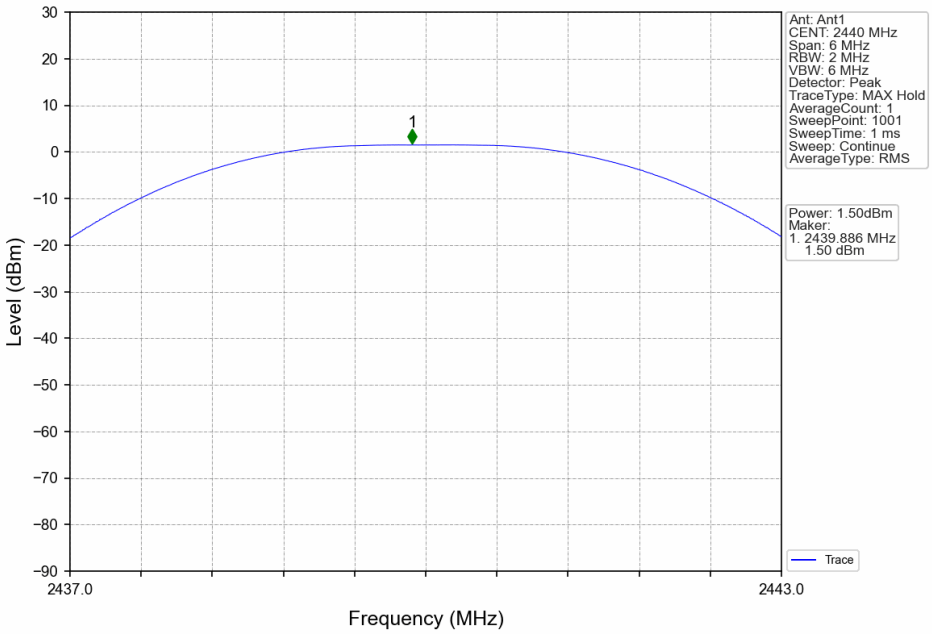


2M_LCH_2402MHz_Ant1_NTNV

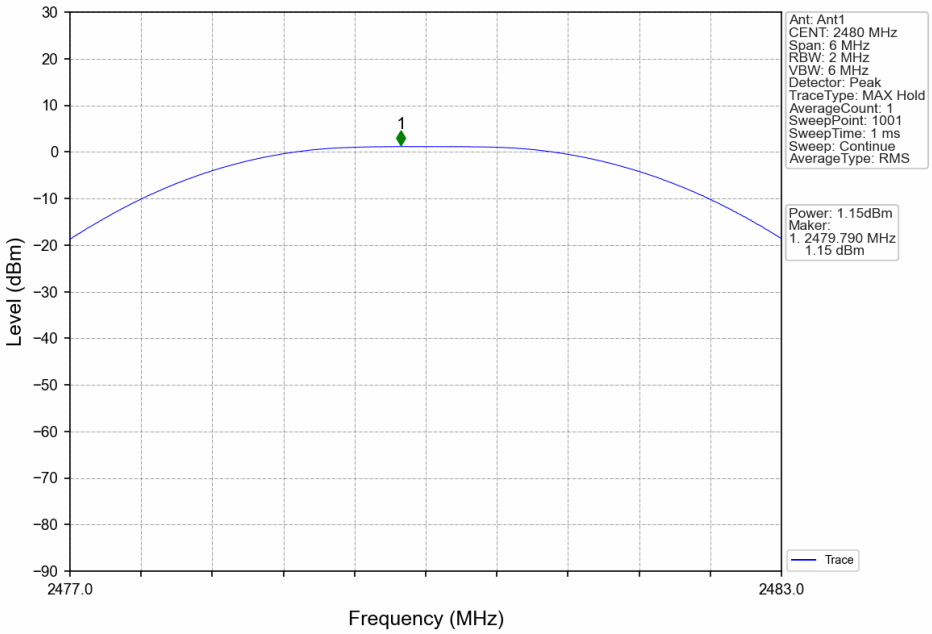


Model: YAMATRACK B

2M_MCH_2440MHz_Ant1_NTNV



2M_HCH_2480MHz_Ant1_NTNV



2.2 EIRP

2.2.1 Test Result

Mode	TX Type	Frequency (MHz)	E.I.R.P (dBm)		Verdict
			ANT1	Limit	
1M	SISO	2402	3.41	<=36.02	Pass
		2440	3.89	<=36.02	Pass
		2480	3.55	<=36.02	Pass
2M	SISO	2402	3.41	<=36.02	Pass
		2440	3.89	<=36.02	Pass
		2480	3.54	<=36.02	Pass
Note1: Antenna Gain: Ant1: 2.39dBi; Note2: E.I.R.P = Measured Power + Antenna Gain					

3. Maximum Power Spectral Density

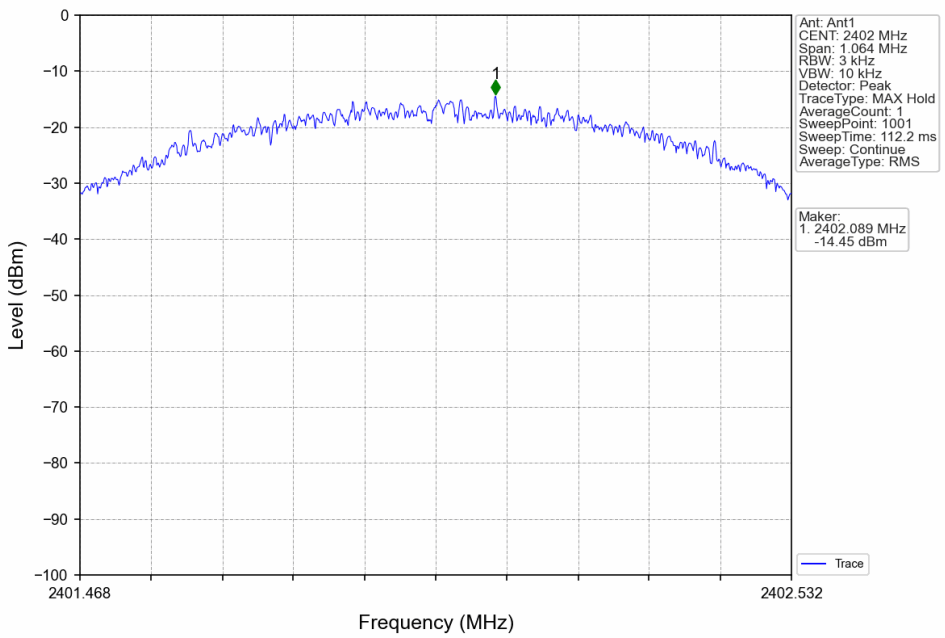
3.1 PSD

3.1.1 Test Result

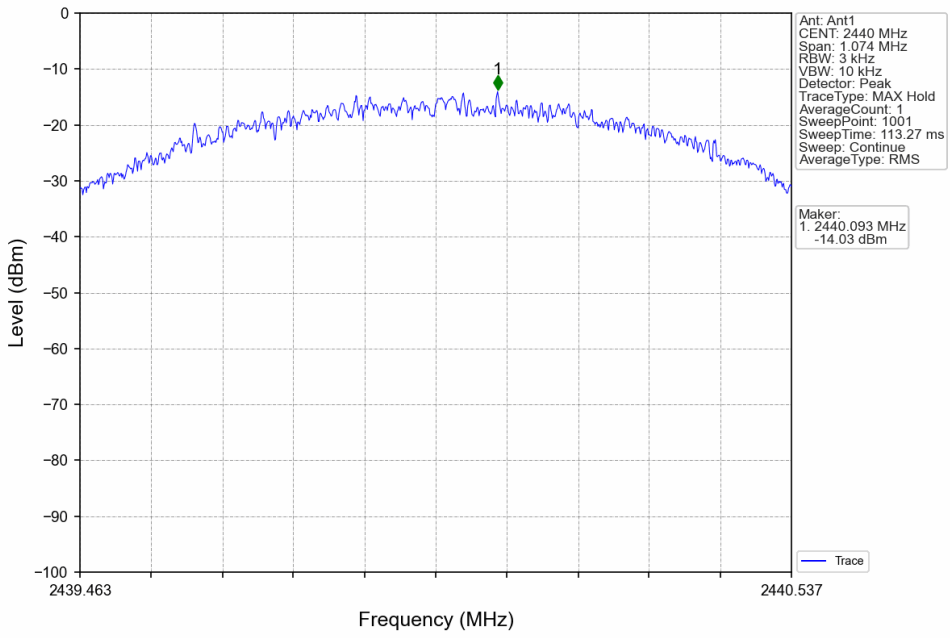
Mode	TX Type	Frequency (MHz)	Maximum PSD (dBm/3kHz)		Verdict
			ANT1	Limit	
1M	SISO	2402	-14.45	<=8	Pass
		2440	-14.03	<=8	Pass
		2480	-14.35	<=8	Pass
2M	SISO	2402	-17.74	<=8	Pass
		2440	-17.25	<=8	Pass
		2480	-17.70	<=8	Pass
Note1: Antenna Gain: Ant1: 2.39dBi;					

3.1.2 Test Graph

1M_LCH_2402MHz_Ant1_NTNV

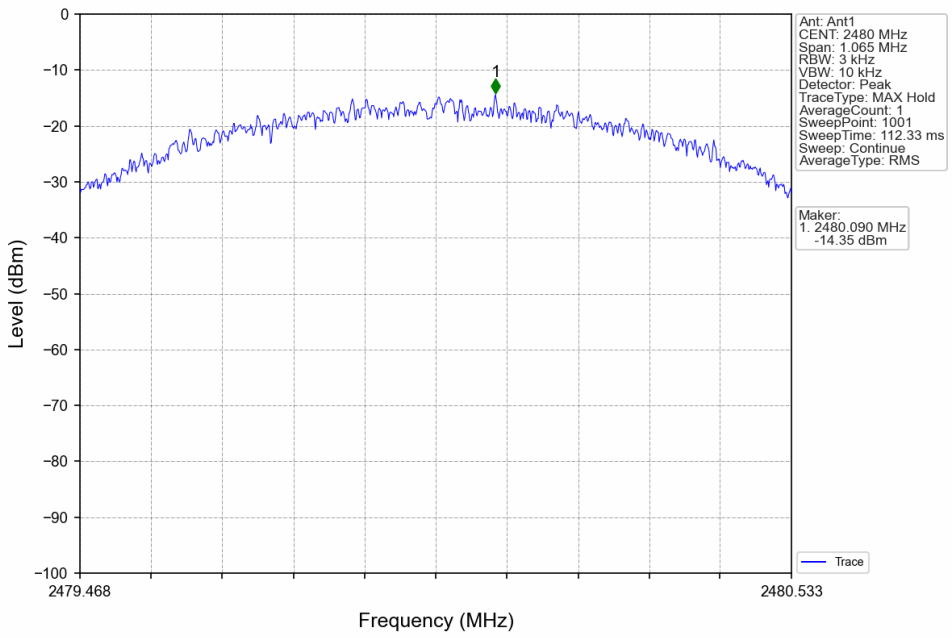


1M_MCH_2440MHz_Ant1_NTNV

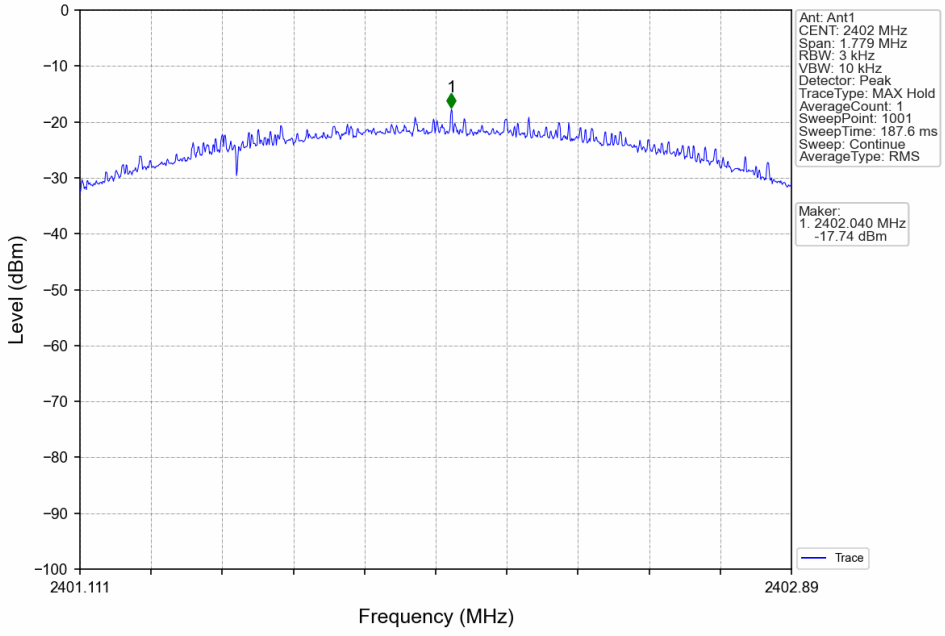


Model: YAMATRACK B

1M_HCH_2480MHz_Ant1_NTNV

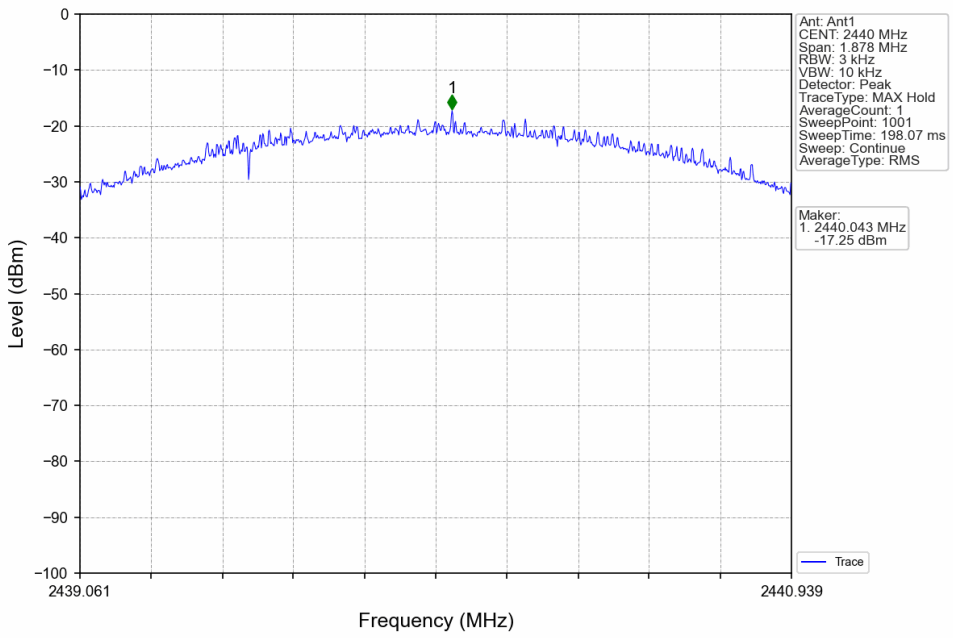


2M_LCH_2402MHz_Ant1_NTNV

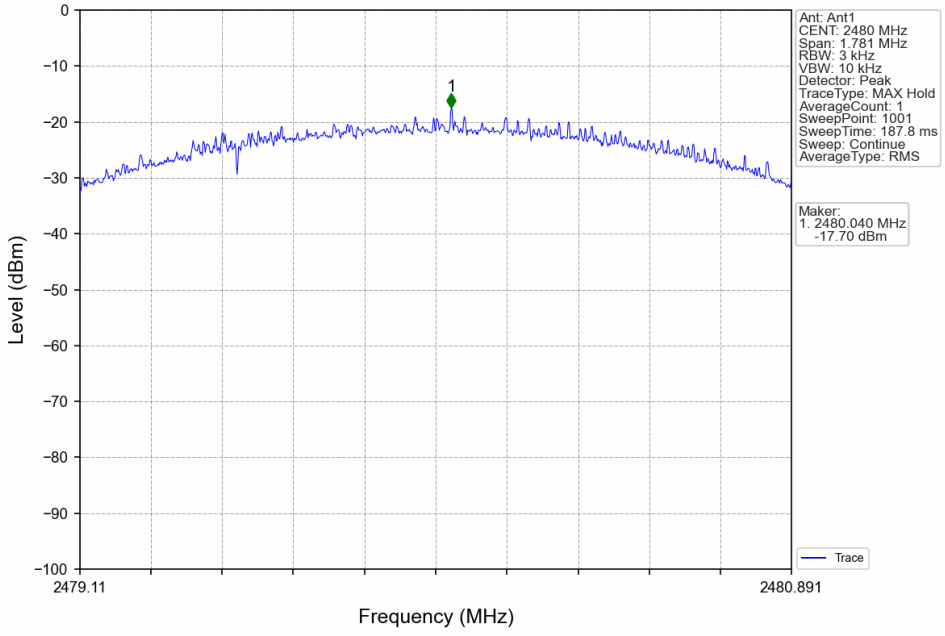


Model: YAMATRACK B

2M_MCH_2440MHz_Ant1_NTNV



2M_HCH_2480MHz_Ant1_NTNV



4. Unwanted Emissions In Non-restricted Frequency Bands

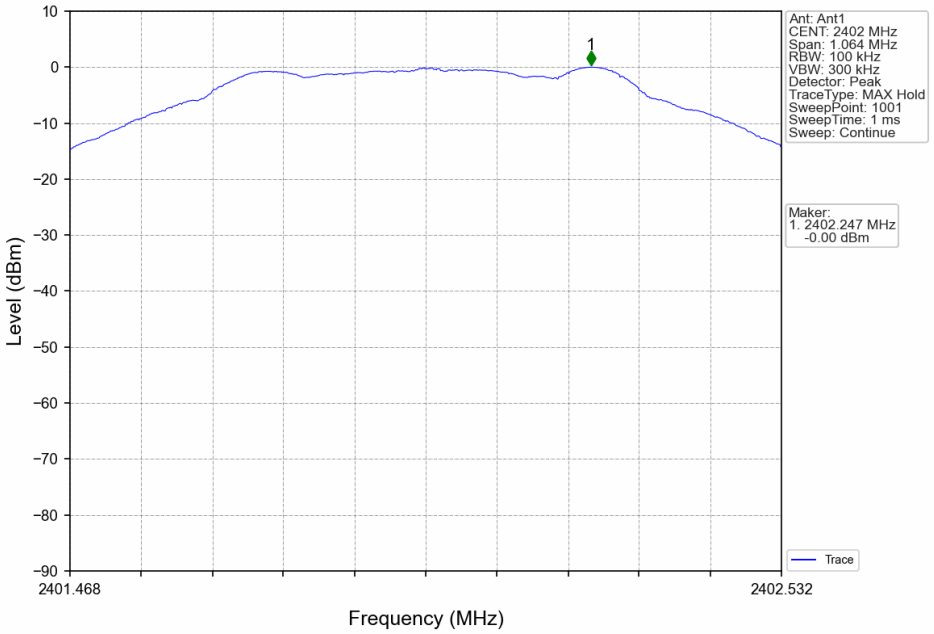
4.1 Ref

4.1.1 Test Result

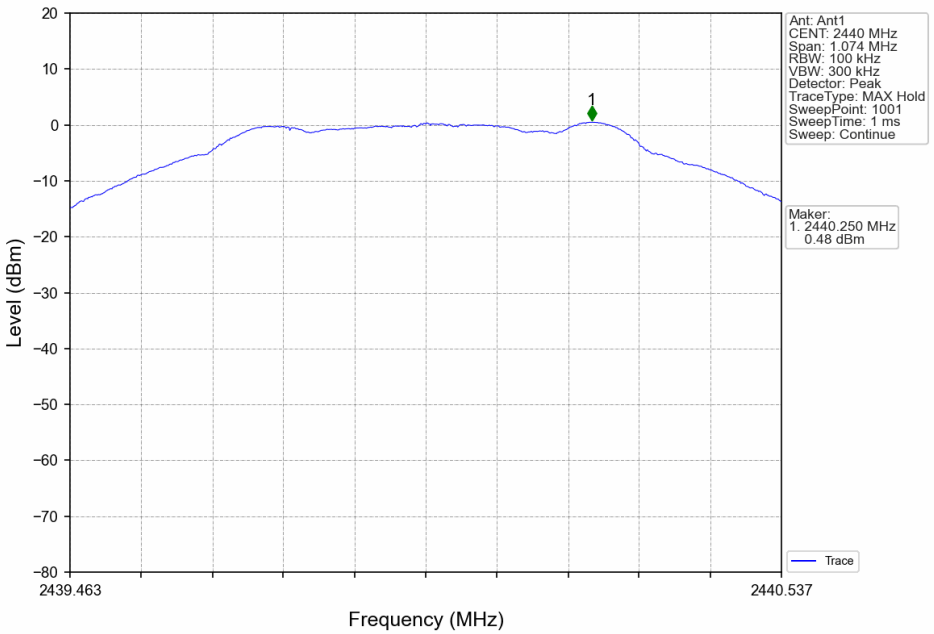
Mode	TX Type	Frequency (MHz)	ANT	Level of Reference (dBm)
1M	SISO	2402	1	0.00
		2440	1	**0.48**
		2480	1	0.14
2M	SISO	2402	1	-0.55
		2440	1	**-0.02**
		2480	1	-0.38
Note1: Refer to RSS-247 Issue 2 section 5.5 and ANSI C63.10-2013, the channel contains the maximum PSD level was used to establish the reference level.				

4.1.2 Test Graph

1M_LCH_2402MHz_Ant1_NTNV

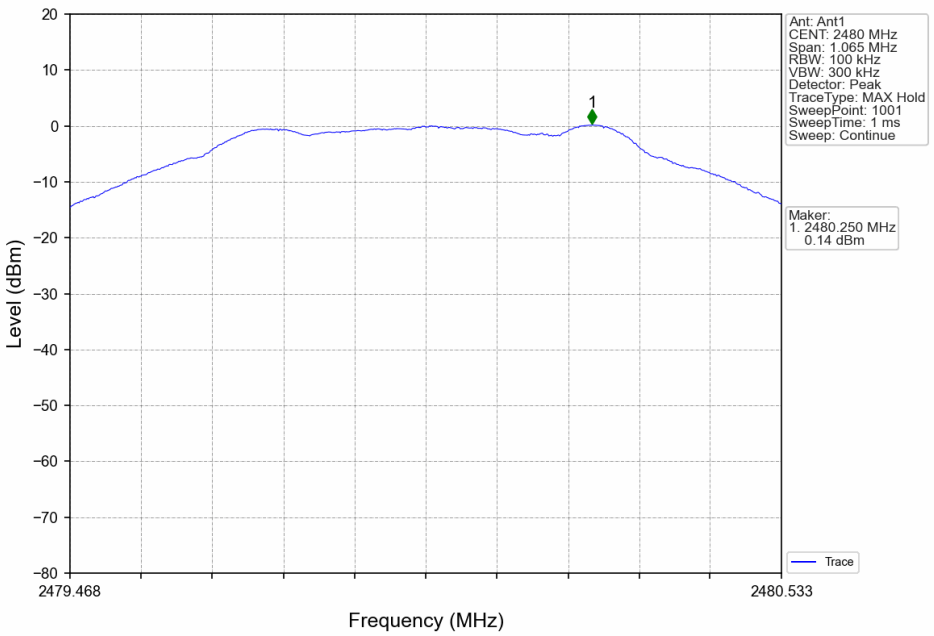


1M_MCH_2440MHz_Ant1_NTNV

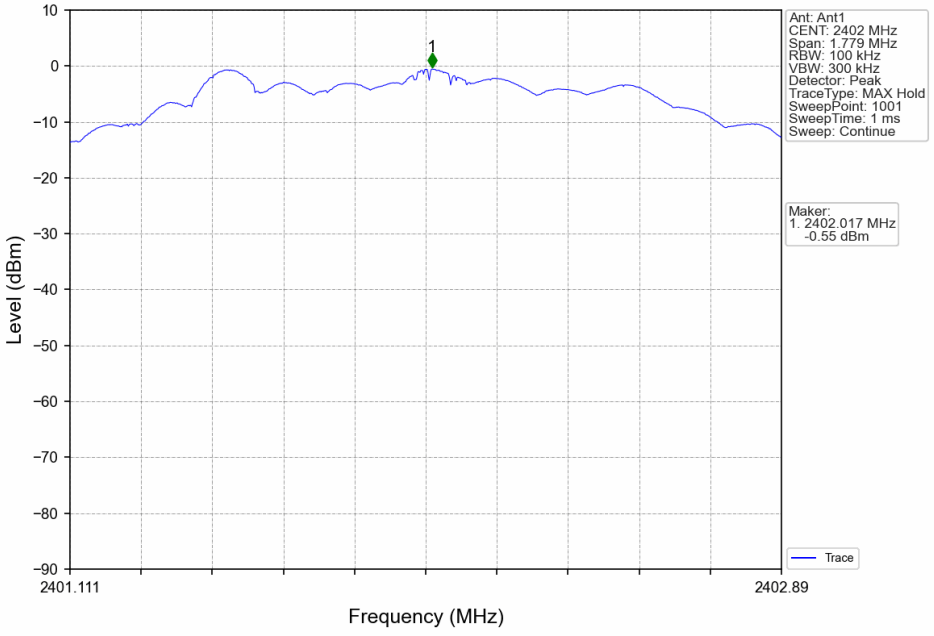


Model: YAMATRACK B

1M_HCH_2480MHz_Ant1_NTNV

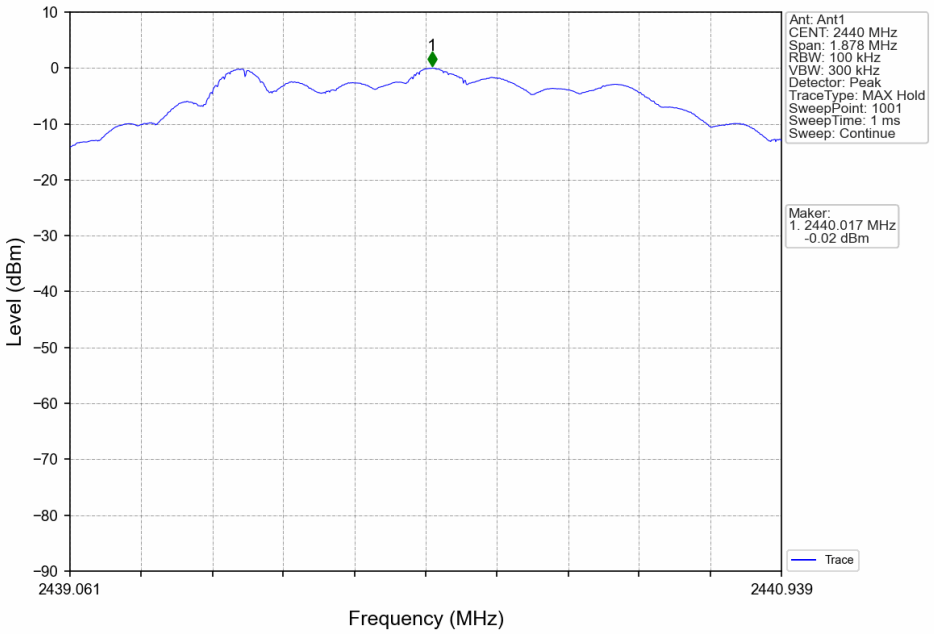


2M_LCH_2402MHz_Ant1_NTNV

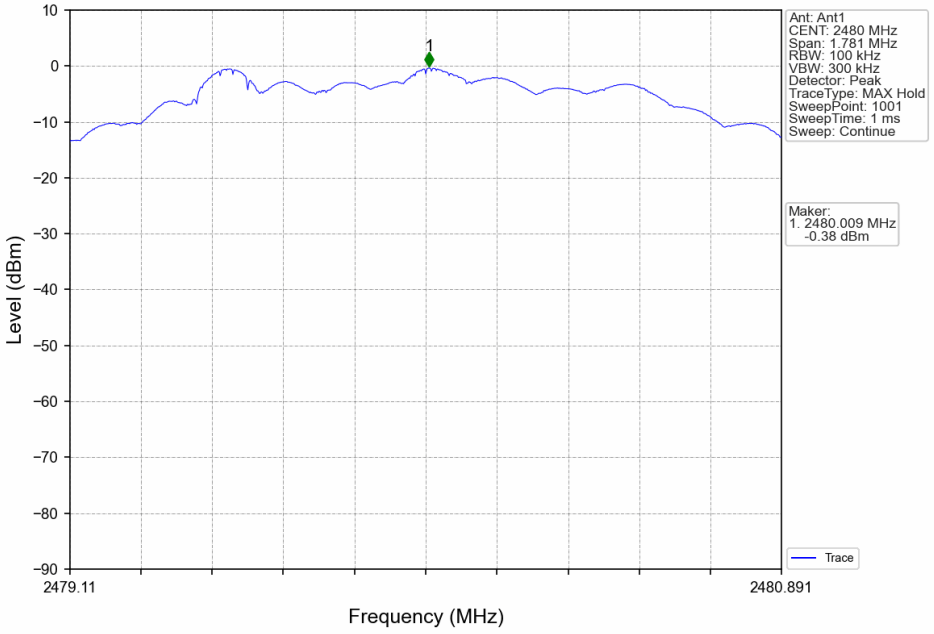


Model: YAMATRACK B

2M_MCH_2440MHz_Ant1_NTNV



2M_HCH_2480MHz_Ant1_NTNV



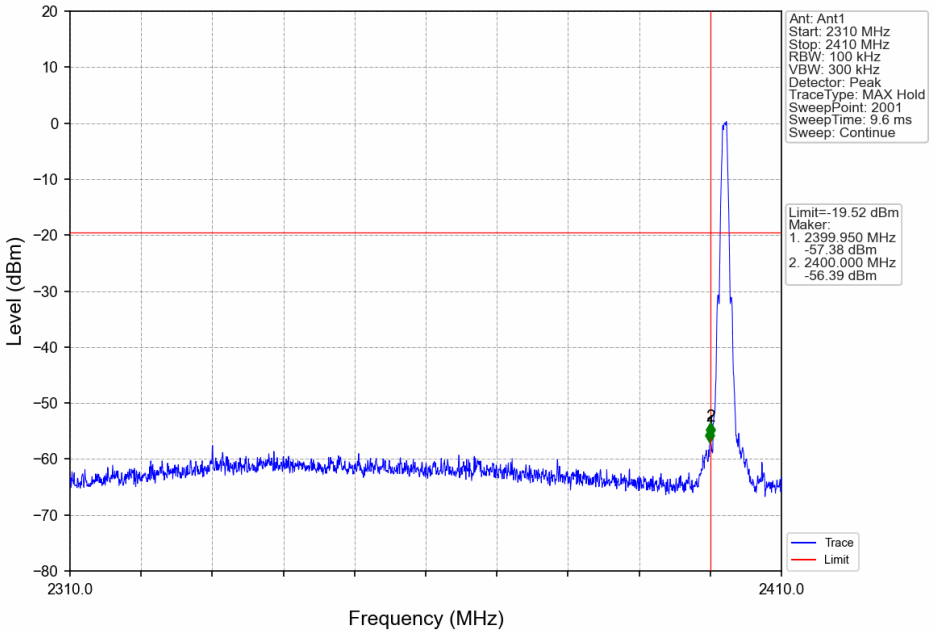
4.2 CSE

4.2.1 Test Result

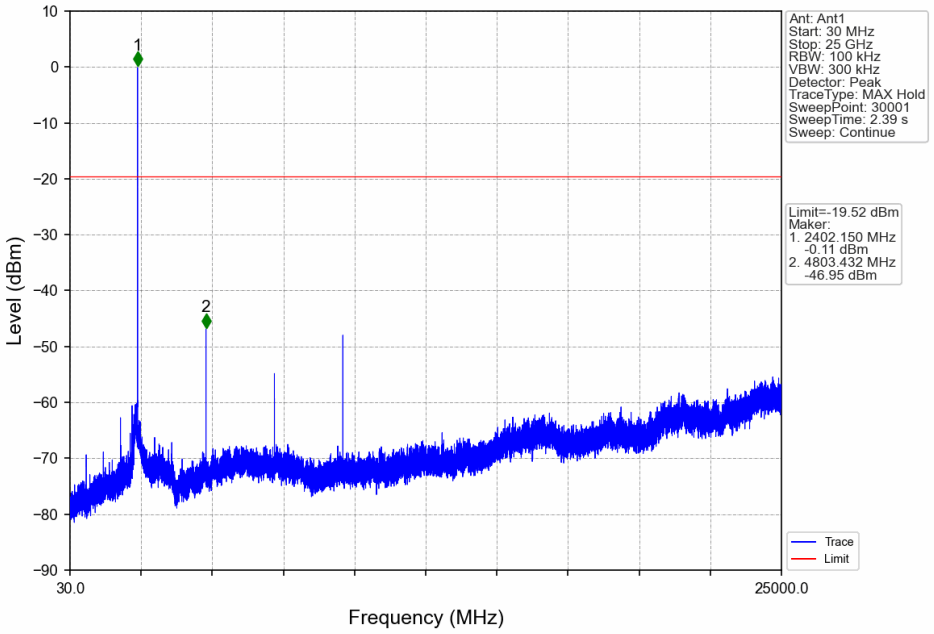
Mode	TX Type	Frequency (MHz)	ANT	Level of Reference (dBm)	Limit (dBm)	Verdict
1M	SISO	2402	1	0.48	-19.52	Pass
		2440	1	0.48	-19.52	Pass
		2480	1	0.48	-19.52	Pass
2M	SISO	2402	1	-0.02	-20.02	Pass
		2440	1	-0.02	-20.02	Pass
		2480	1	-0.02	-20.02	Pass
Note1: Refer to RSS-247 Issue 2 section 5.5 and ANSI C63.10-2013, the channel contains the maximum PSD level was used to establish the reference level.						

4.2.2 Test Graph

1M_LCH_2402MHz_Ant1_NTNV

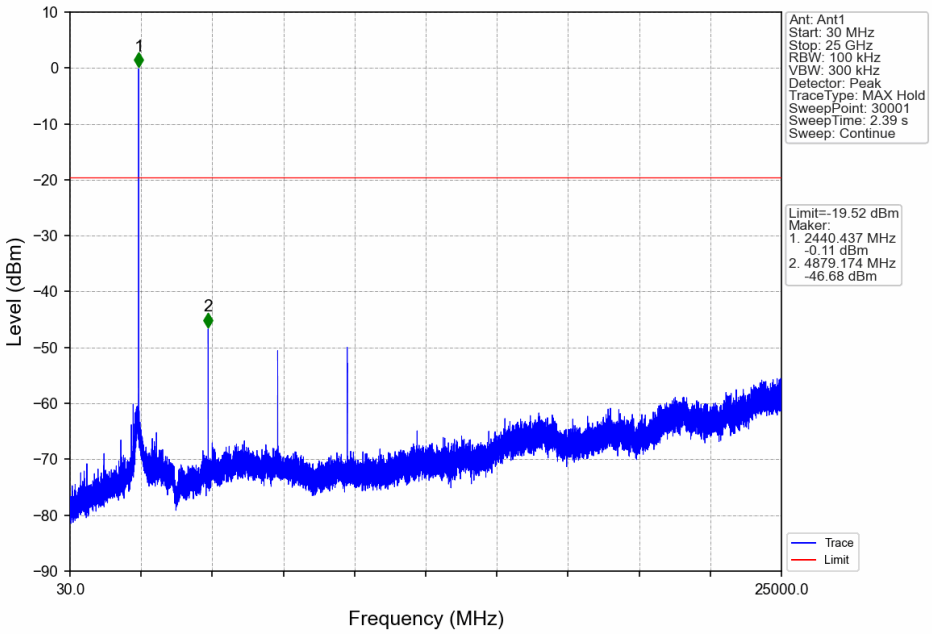


1M_LCH_2402MHz_Ant1_NTNV

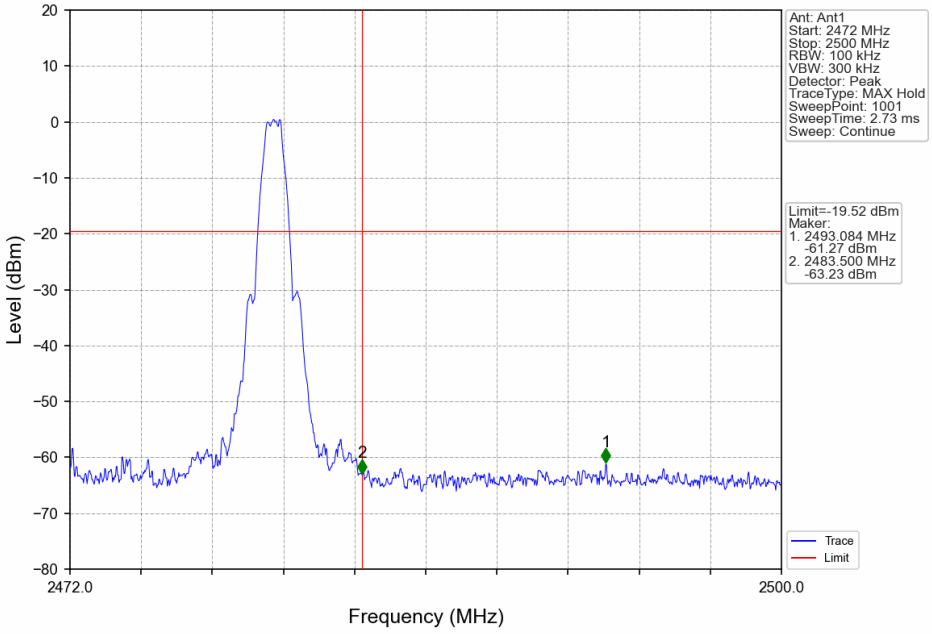


Model: YAMATRACK B

1M_MCH_2440MHz_Ant1_NTNV

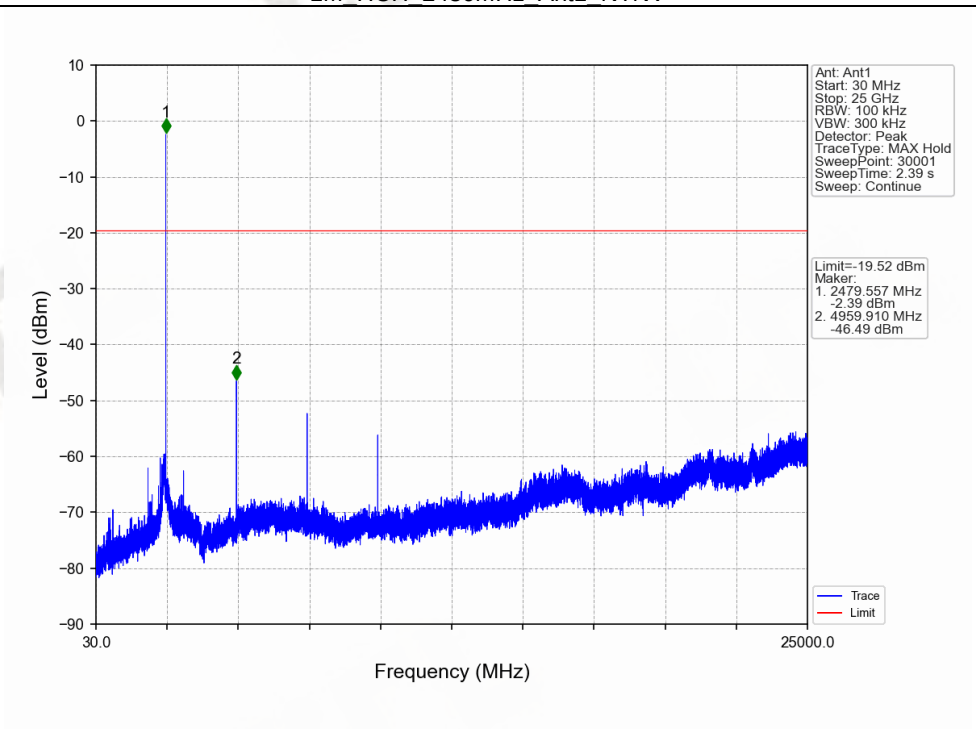


1M_HCH_2480MHz_Ant1_NTNV

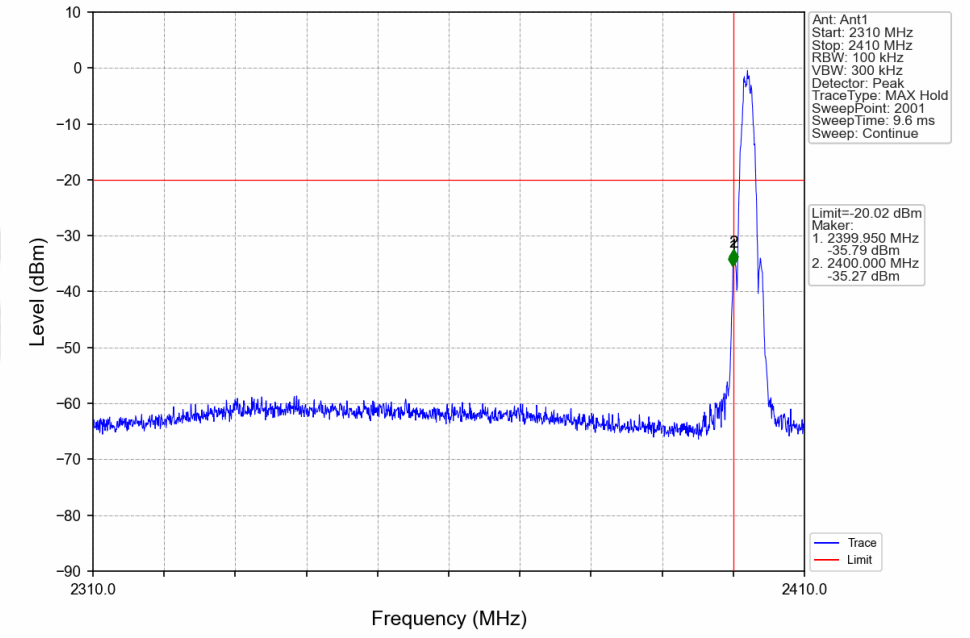


Model: YAMATRACK B

1M_HCH_2480MHz_Ant1_NTNV

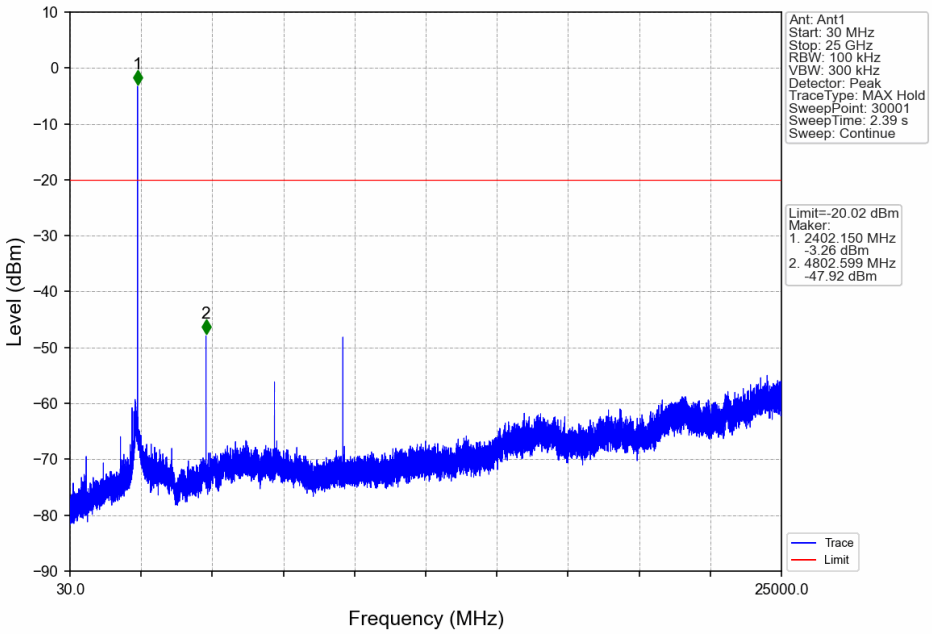


2M_LCH_2402MHz_Ant1_NTNV

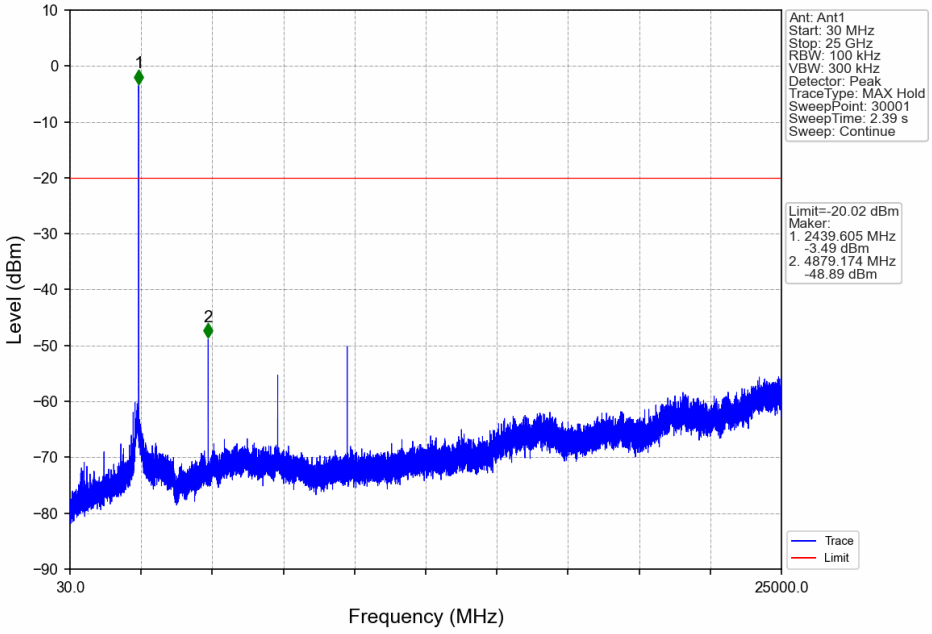


Model: YAMATRACK B

2M_LCH_2402MHz_Ant1_NTNV

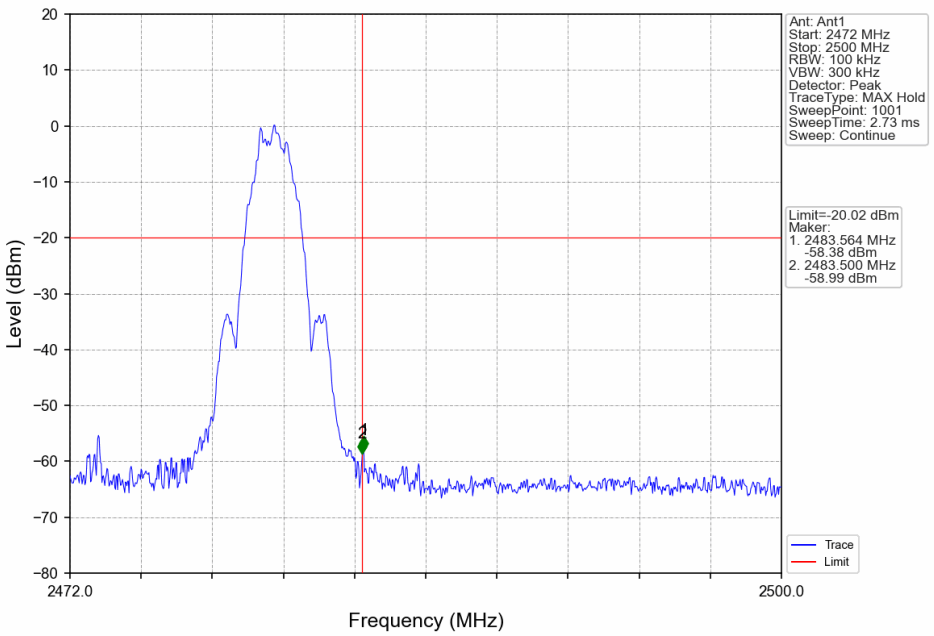


2M_MCH_2440MHz_Ant1_NTNV



Model: YAMATRACK B

2M_HCH_2480MHz_Ant1_NTNV



2M_HCH_2480MHz_Ant1_NTNV