1. Bandwidth

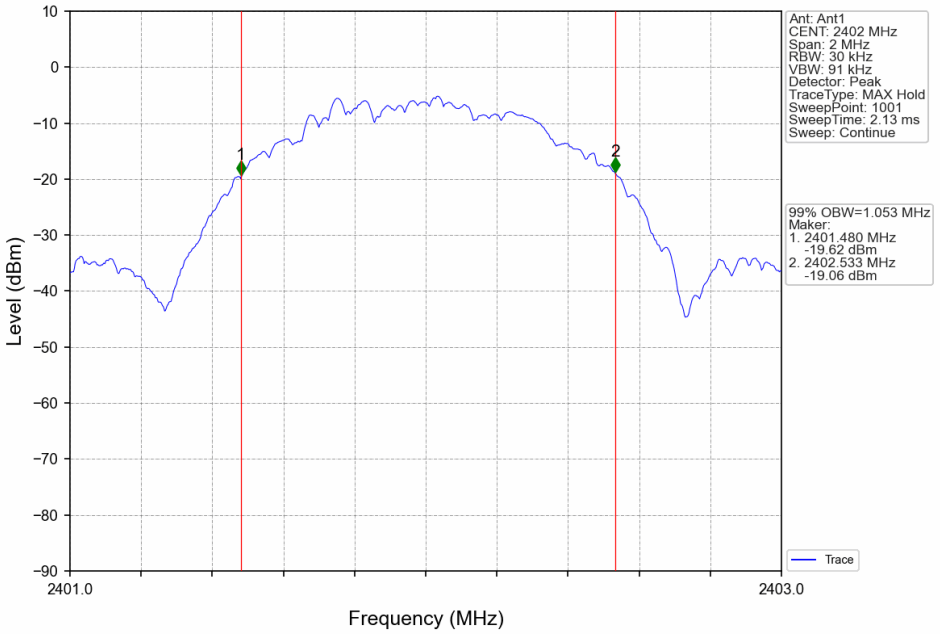
1.1 OBW

1.1.1 Test Result

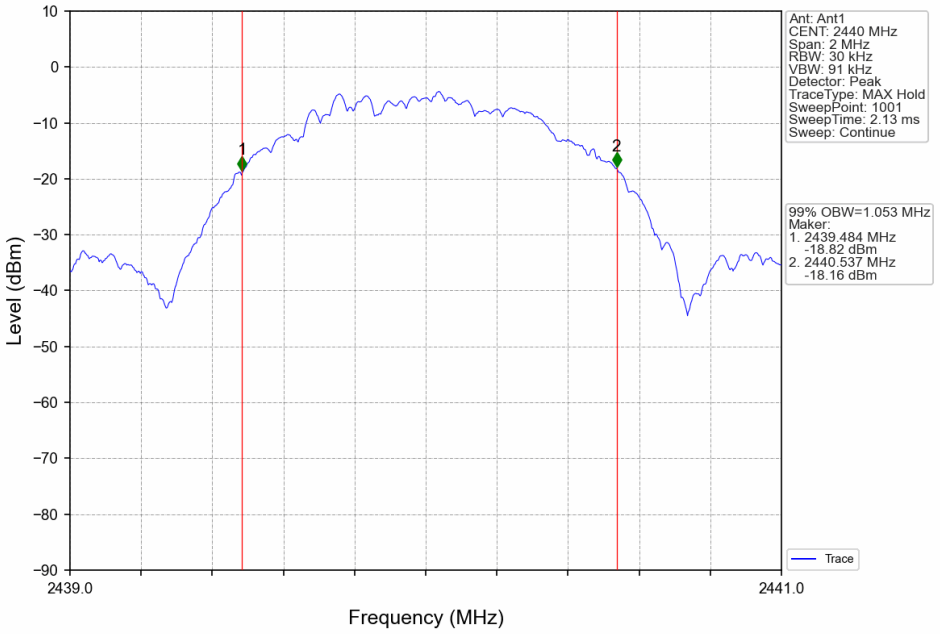
Mode	TX Type	Frequency (MHz)	ANT	99% Occupied Bandwidth (MHz)		Verdict
				Result	Limit	
1M	SISO	2402	1	1.053	/	Pass
		2440	1	1.053	/	Pass
		2480	1	1.054	/	Pass
2M	SISO	2402	1	2.047	/	Pass
		2440	1	2.047	/	Pass
		2480	1	2.045	/	Pass

1.1.2 Test Graph

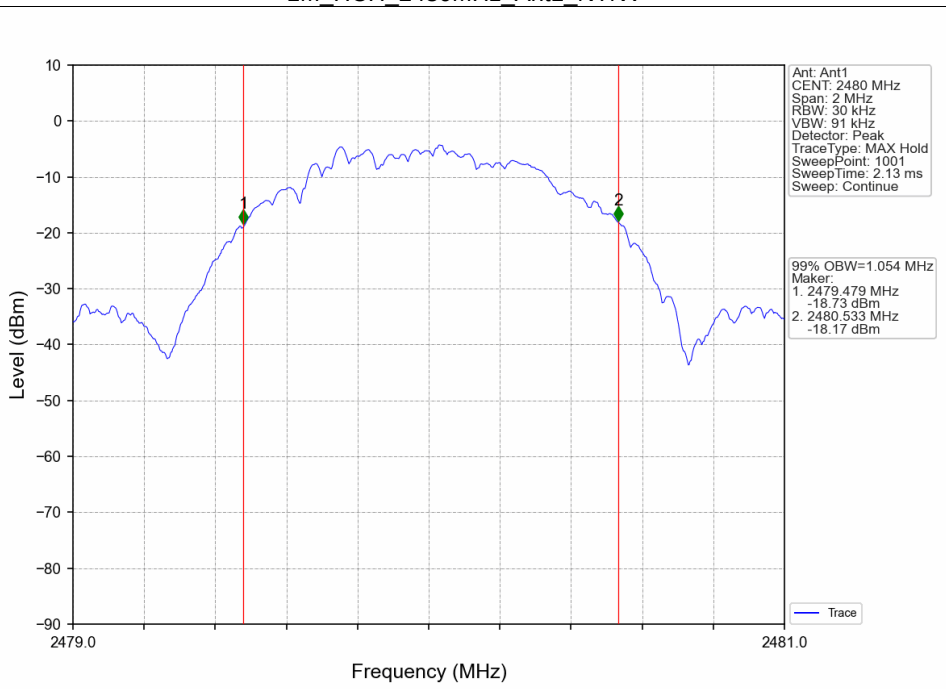
1M_LCH_2402MHz_Ant1_NTNV



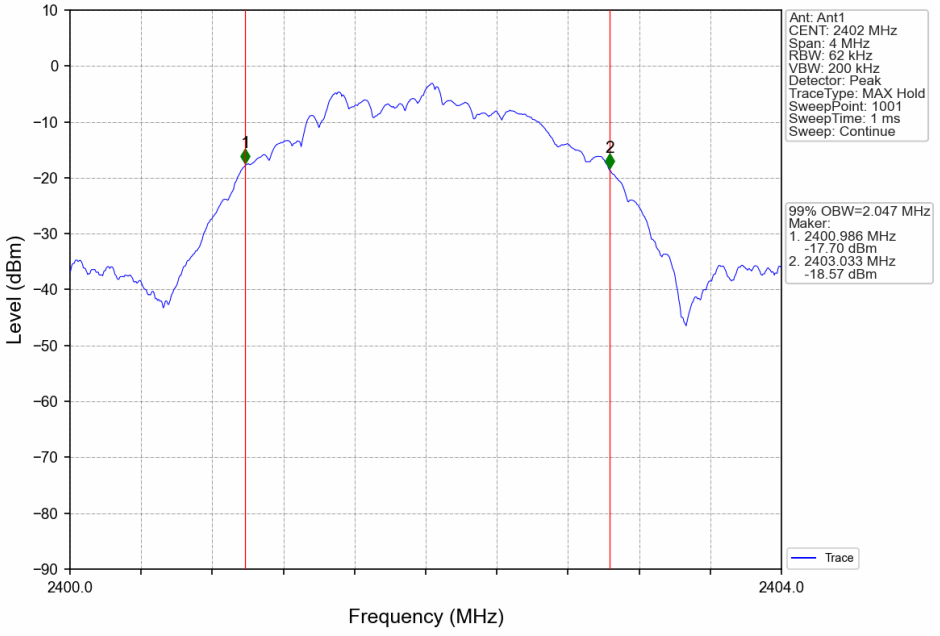
1M_MCH_2440MHz_Ant1_NTNV



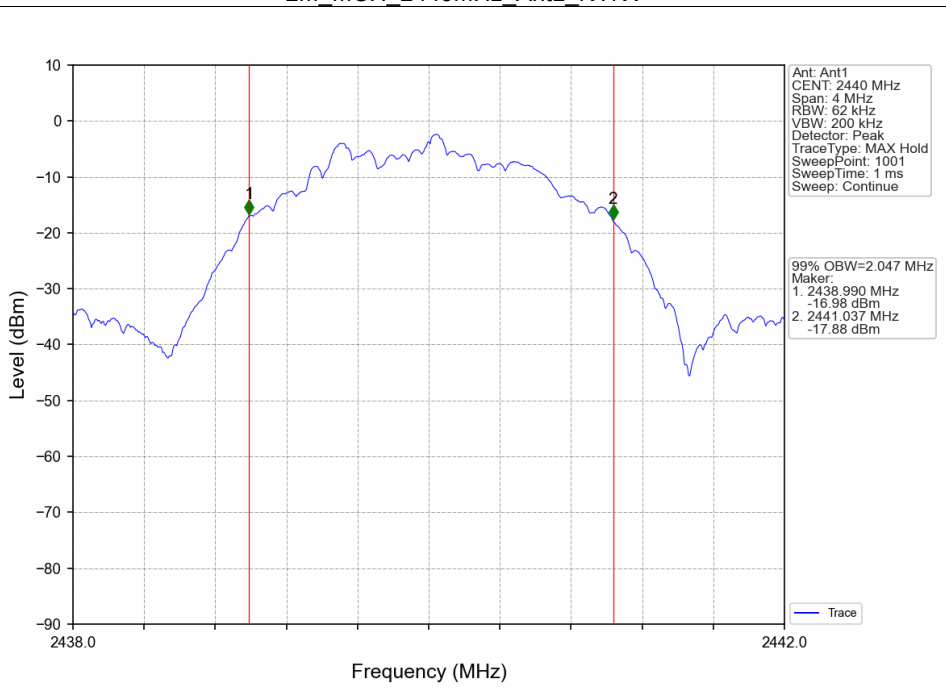
1M_HCH_2480MHz_Ant1_NTNV



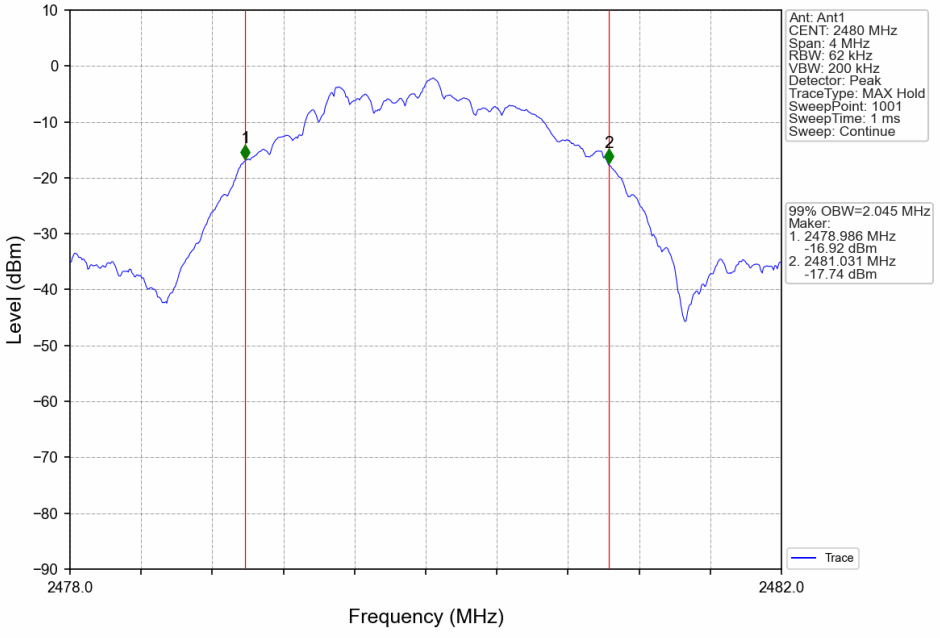
2M_LCH_2402MHz_Ant1_NTNV



2M_MCH_2440MHz_Ant1_NTNV



2M_HCH_2480MHz_Ant1_NTNV



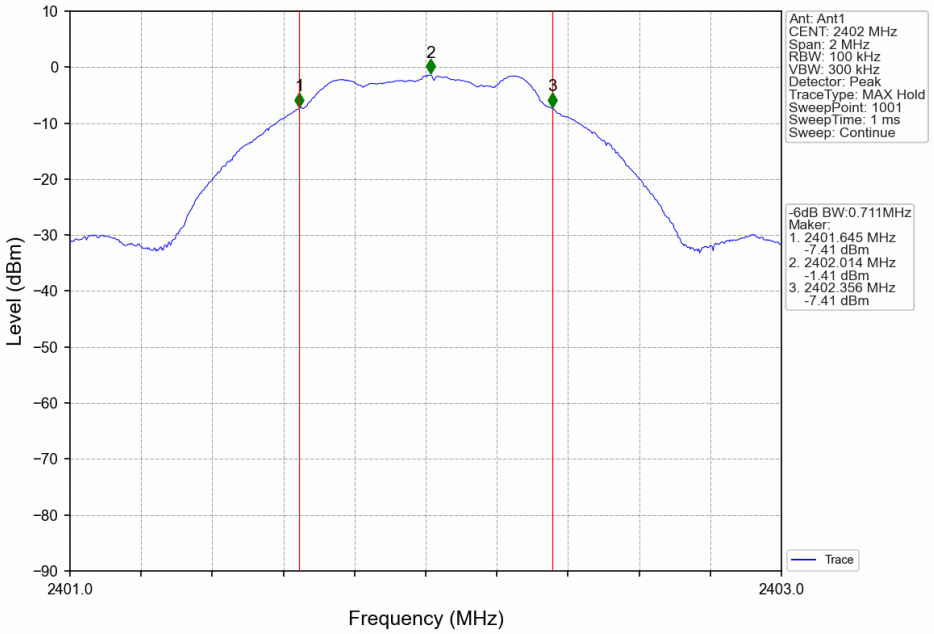
1.2 6dB BW

1.2.1 Test Result

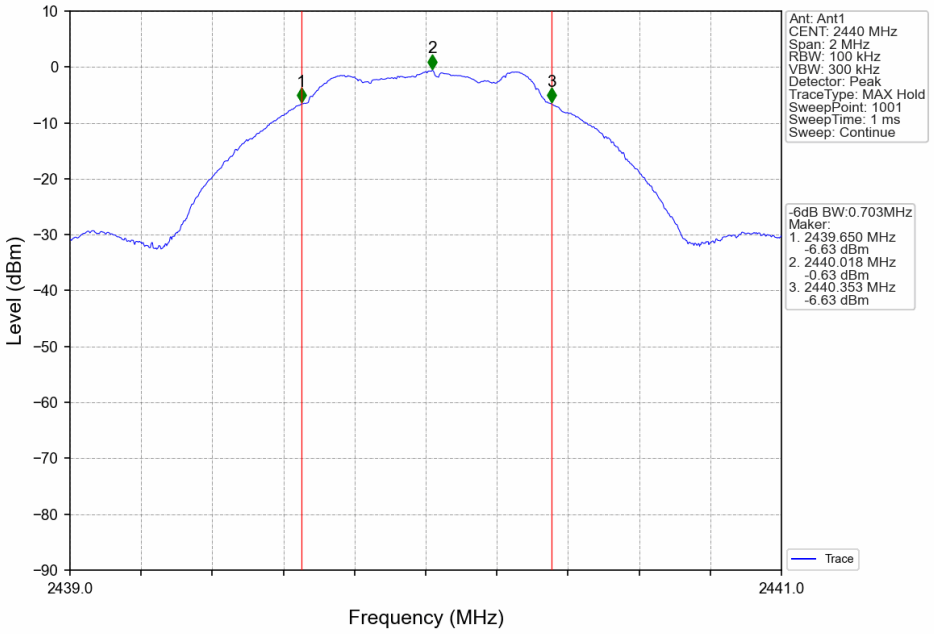
Mode	TX Type	Frequency (MHz)	ANT	6dB Bandwidth (MHz)		Verdict
				Result	Limit	
1M	SISO	2402	1	0.711	>=0.5	Pass
		2440	1	0.703	>=0.5	Pass
		2480	1	0.713	>=0.5	Pass
2M	SISO	2402	1	1.175	>=0.5	Pass
		2440	1	1.176	>=0.5	Pass
		2480	1	1.173	>=0.5	Pass

1.2.2 Test Graph

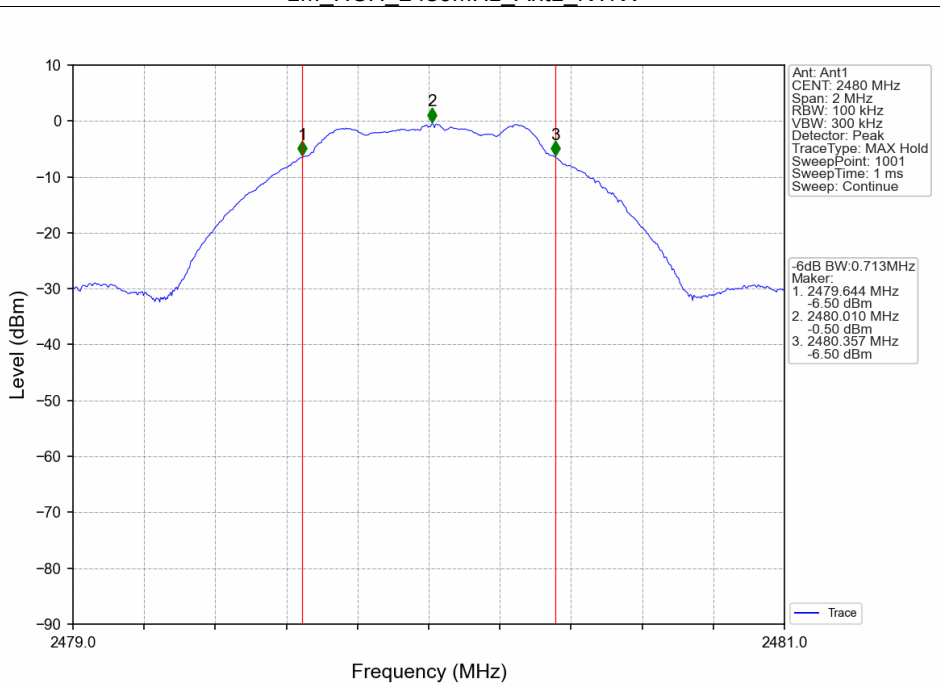
1M_LCH_2402MHz_Ant1_NTNV



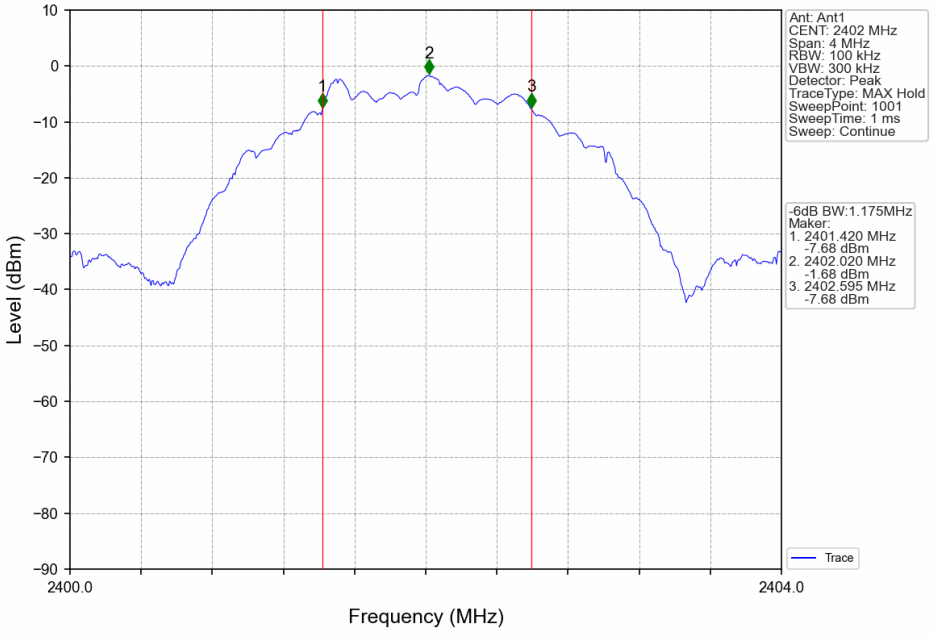
1M_MCH_2440MHz_Ant1_NTNV



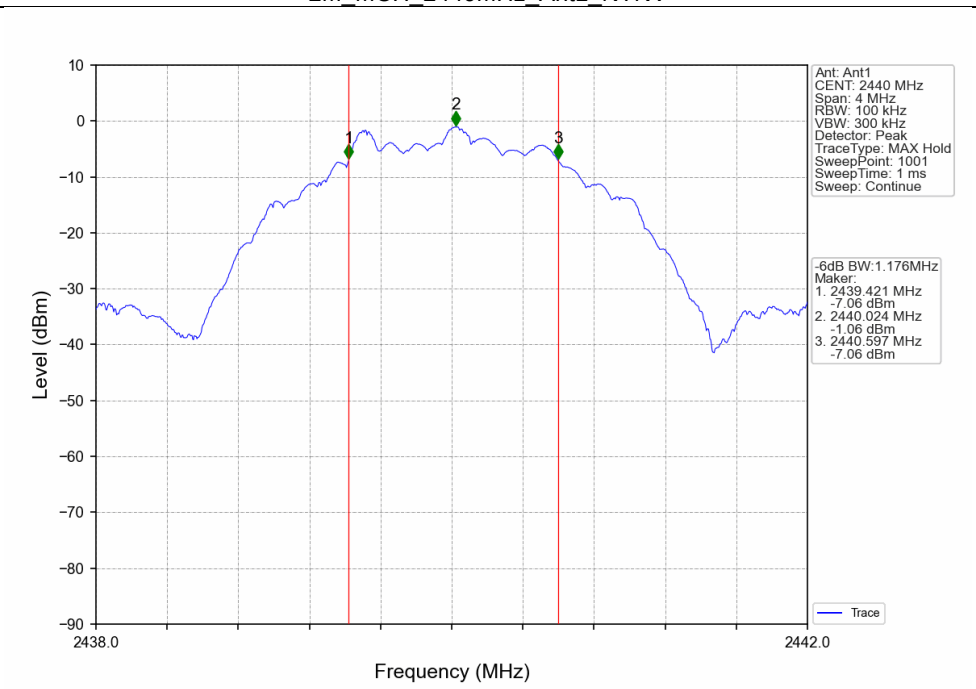
1M_HCH_2480MHz_Ant1_NTNV



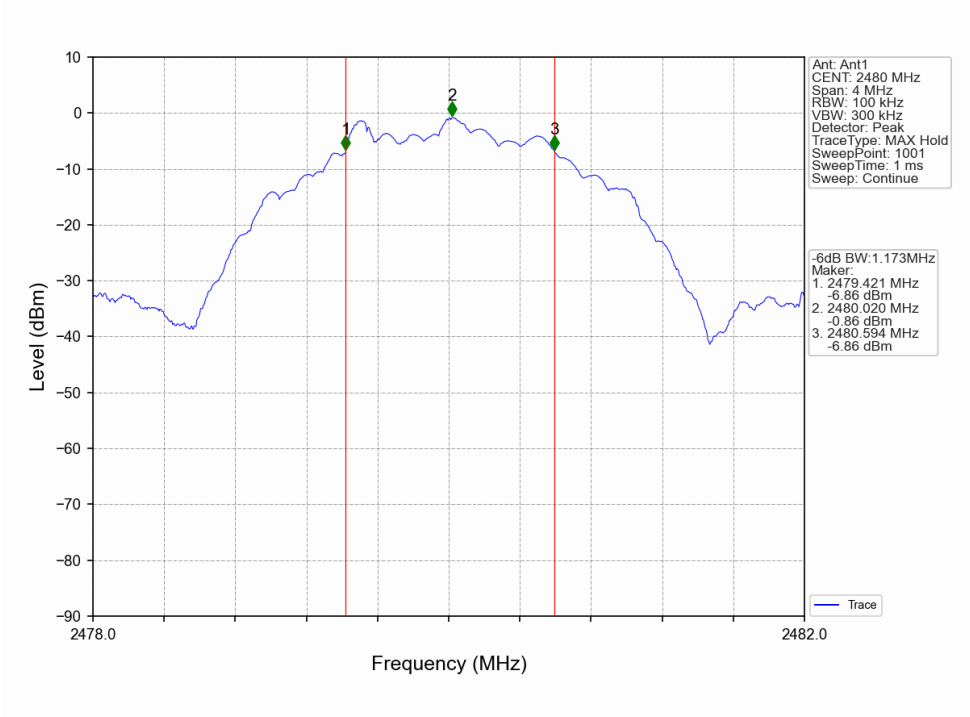
2M_LCH_2402MHz_Ant1_NTNV



2M_MCH_2440MHz_Ant1_NTNV



2M_HCH_2480MHz_Ant1_NTNV



2. Maximum Peak Conducted Output Power

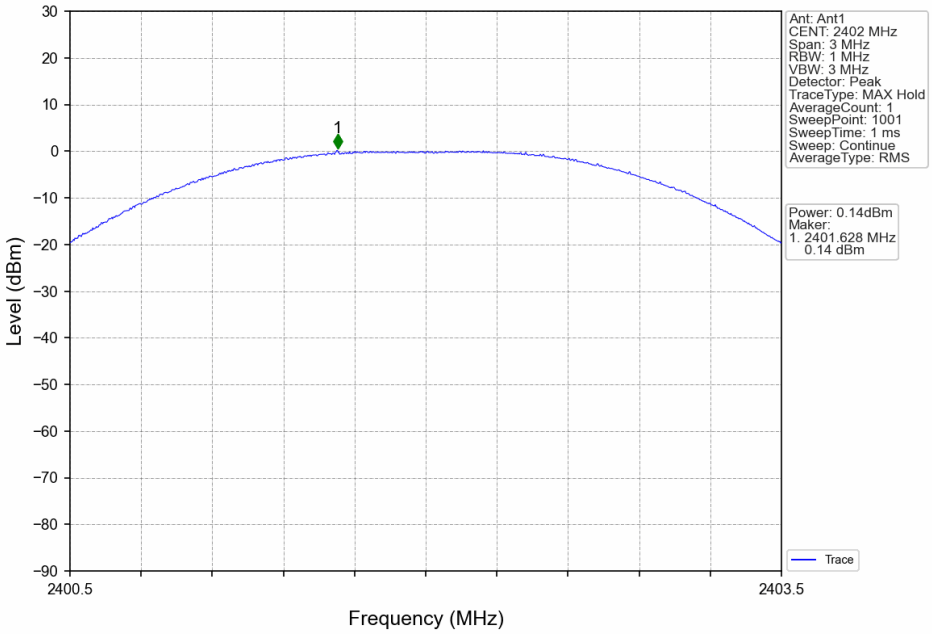
2.1 Power

2.1.1 Test Result

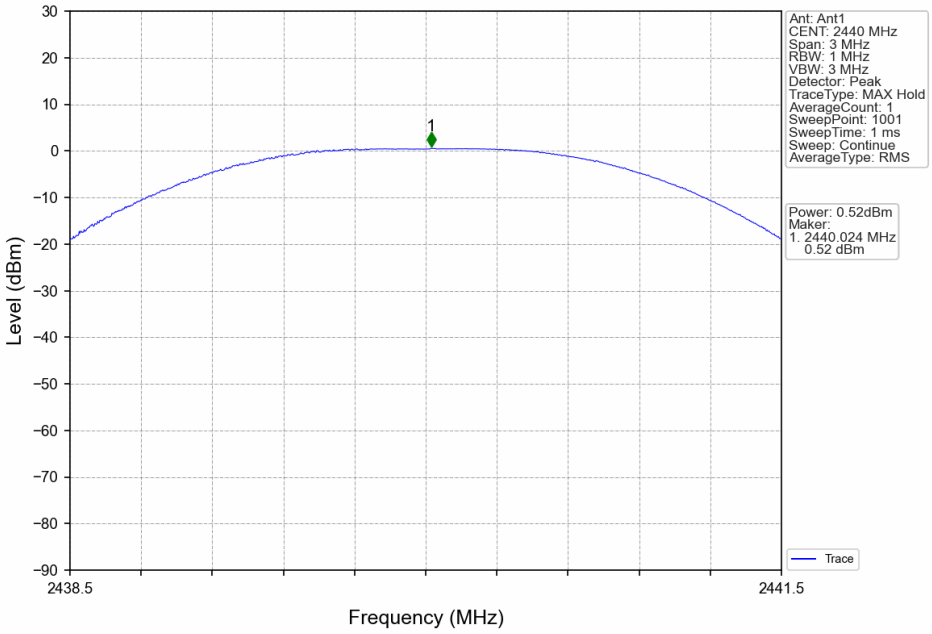
Mode	TX Type	Frequency (MHz)	Maximum Peak Conducted Output Power (dBm)		Verdict
			ANT1	Limit	
1M	SISO	2402	0.14	<=30	Pass
		2440	0.52	<=30	Pass
		2480	0.77	<=30	Pass
2M	SISO	2402	0.04	<=30	Pass
		2440	0.48	<=30	Pass
		2480	0.65	<=30	Pass
Note1: Antenna Gain: Ant1: 2.56dBi;					

2.1.2 Test Graph

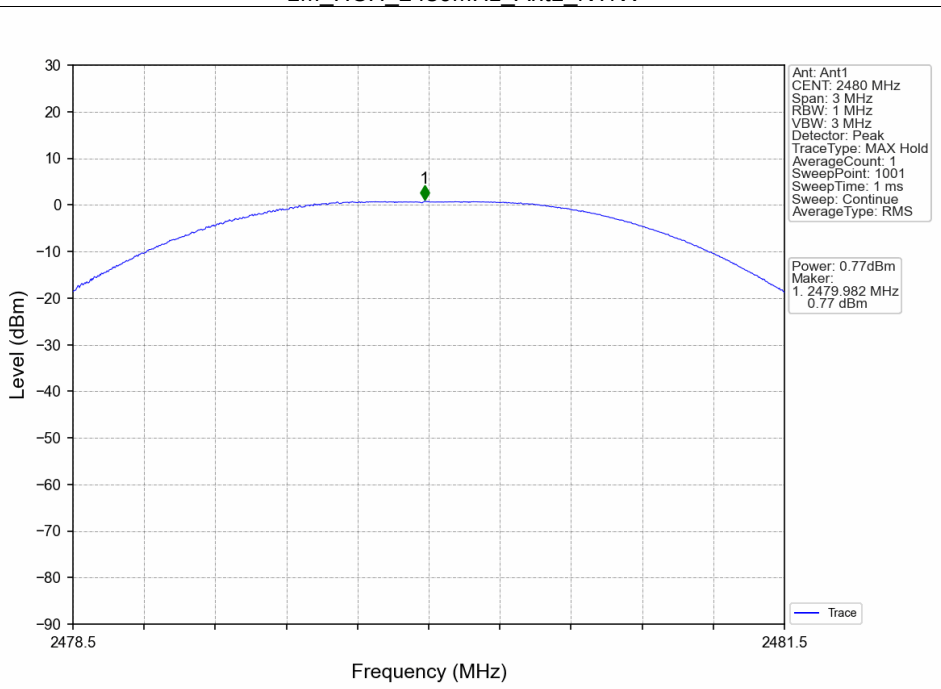
1M_LCH_2402MHz_Ant1_NTNV



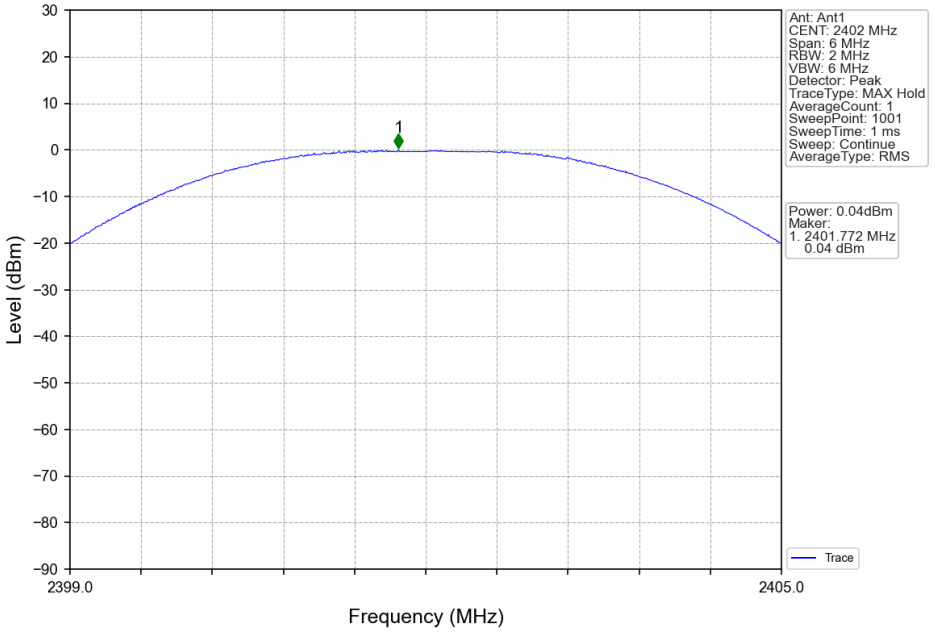
1M_MCH_2440MHz_Ant1_NTNV



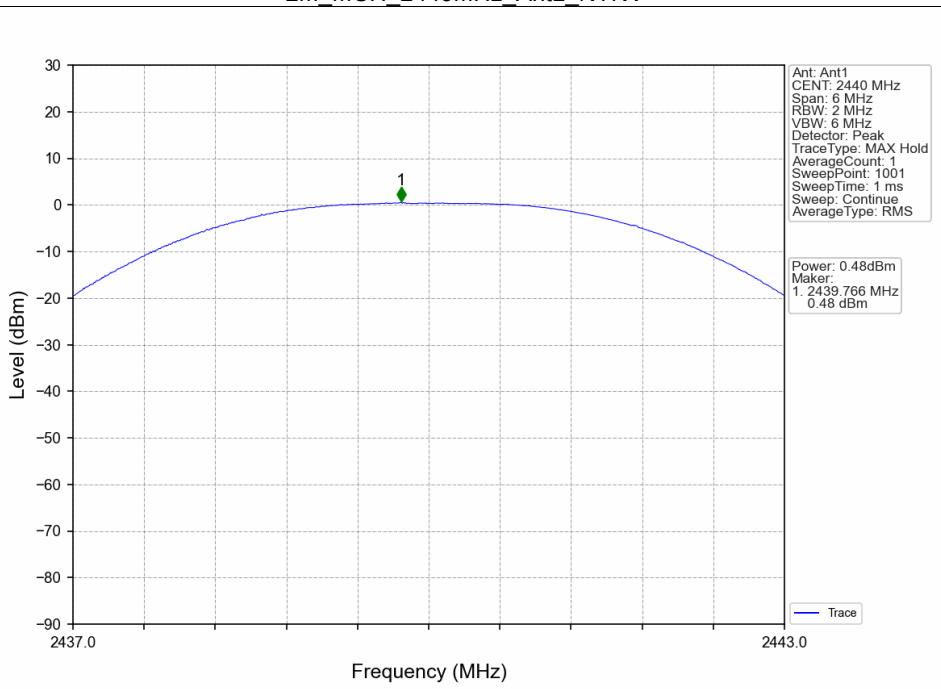
1M_HCH_2480MHz_Ant1_NTNV



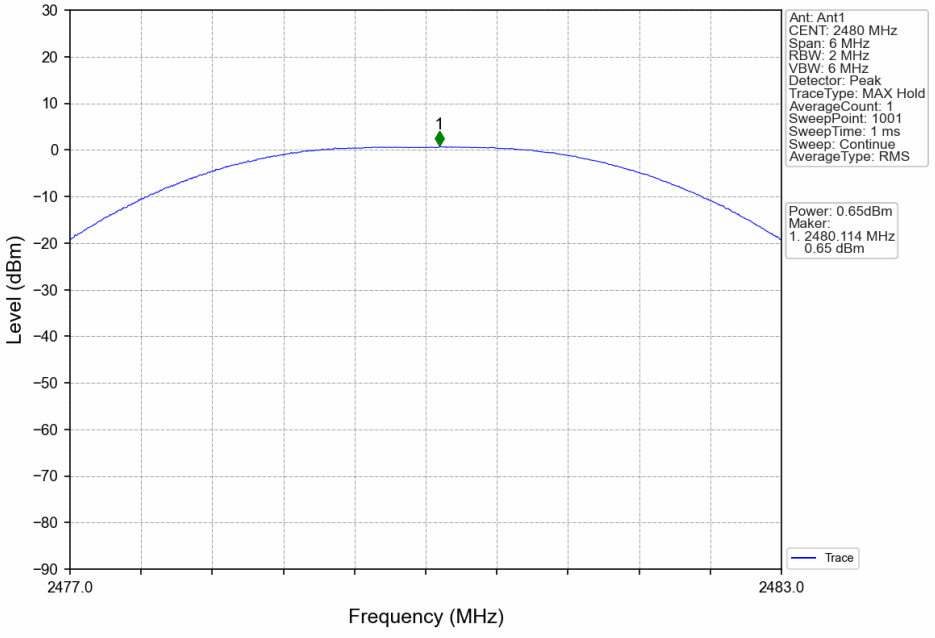
2M_LCH_2402MHz_Ant1_NTNV



2M_MCH_2440MHz_Ant1_NTNV



2M_HCH_2480MHz_Ant1_NTNV



2.2 EIRP

2.2.1 Test Result

Mode	TX Type	Frequency (MHz)	E.I.R.P (dBm)		Verdict
			ANT1	Limit	
1M	SISO	2402	2.70	<=36.02	Pass
		2440	3.08	<=36.02	Pass
		2480	3.33	<=36.02	Pass
2M	SISO	2402	2.60	<=36.02	Pass
		2440	3.04	<=36.02	Pass
		2480	3.21	<=36.02	Pass
Note1: Antenna Gain: Ant1: 2.56dBi; Note2: E.I.R.P = Measured Power + Antenna Gain					

3. Maximum Power Spectral Density

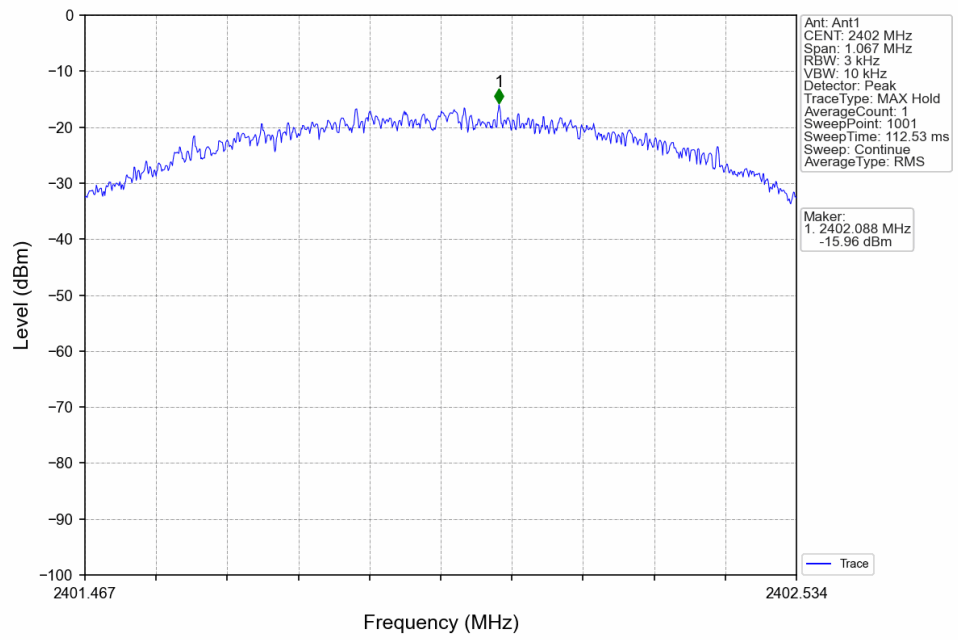
3.1 PSD

3.1.1 Test Result

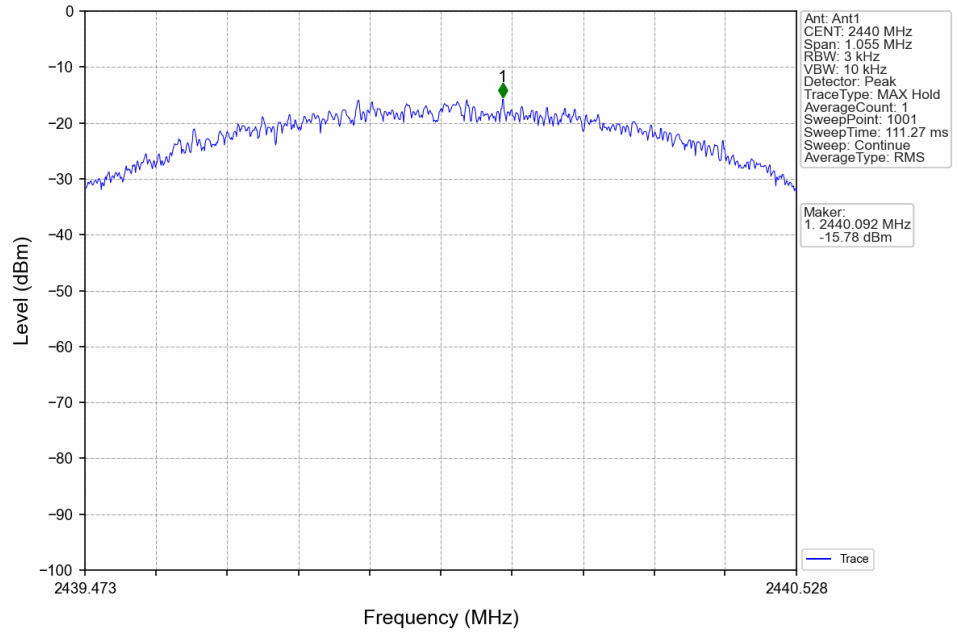
Mode	TX Type	Frequency (MHz)	Maximum PSD (dBm/3kHz)		Verdict
			ANT1	Limit	
1M	SISO	2402	-15.96	<=8	Pass
		2440	-15.78	<=8	Pass
		2480	-15.26	<=8	Pass
2M	SISO	2402	-19.49	<=8	Pass
		2440	-20.31	<=8	Pass
		2480	-18.97	<=8	Pass
Note1: Antenna Gain: Ant1: 2.56dBi;					

3.1.2 Test Graph

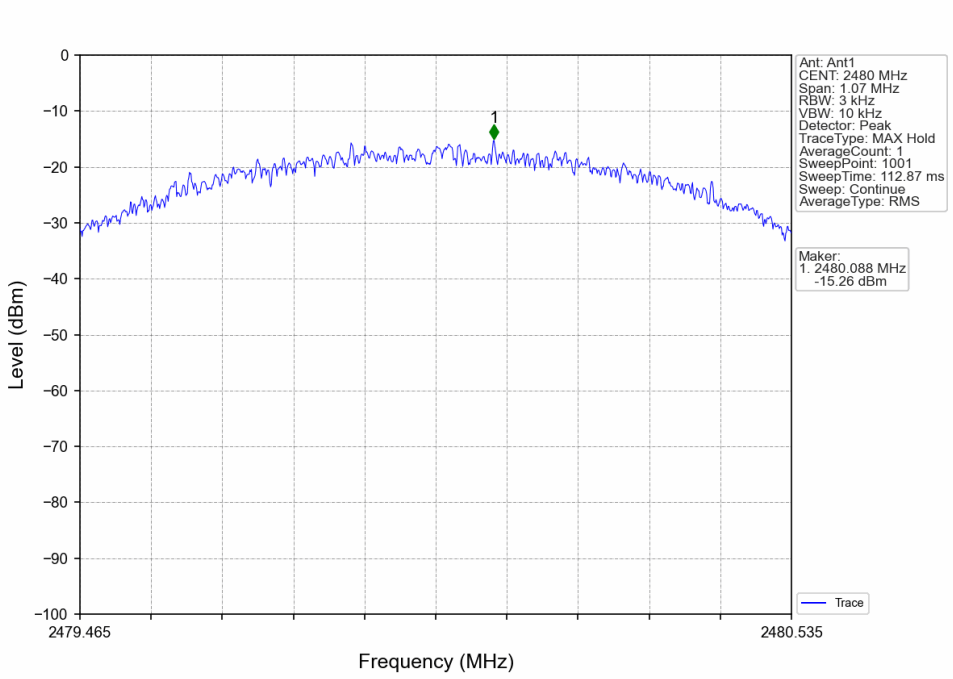
1M_LCH_2402MHz_Ant1_NTNV



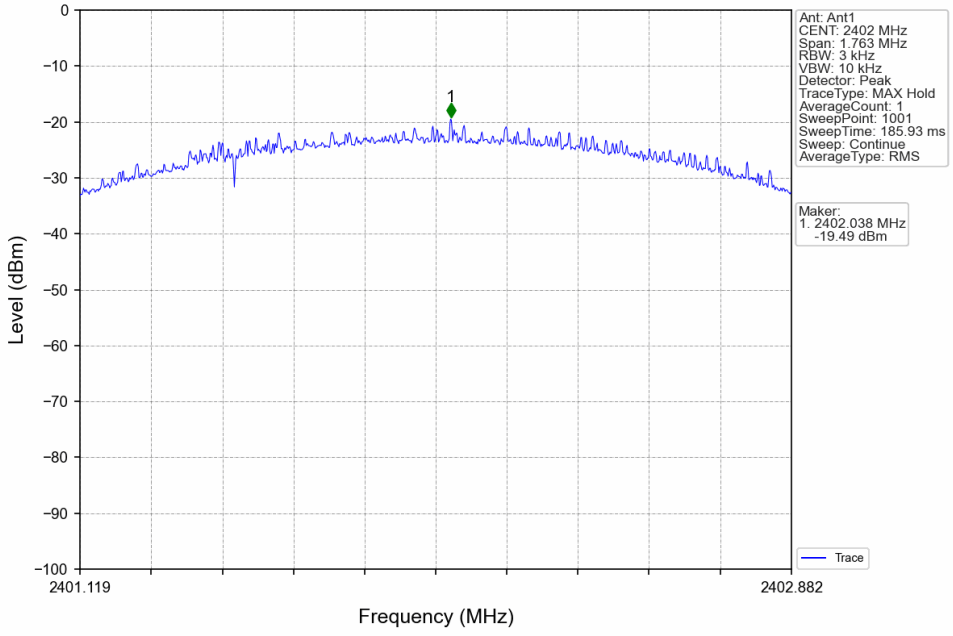
1M_MCH_2440MHz_Ant1_NTNV



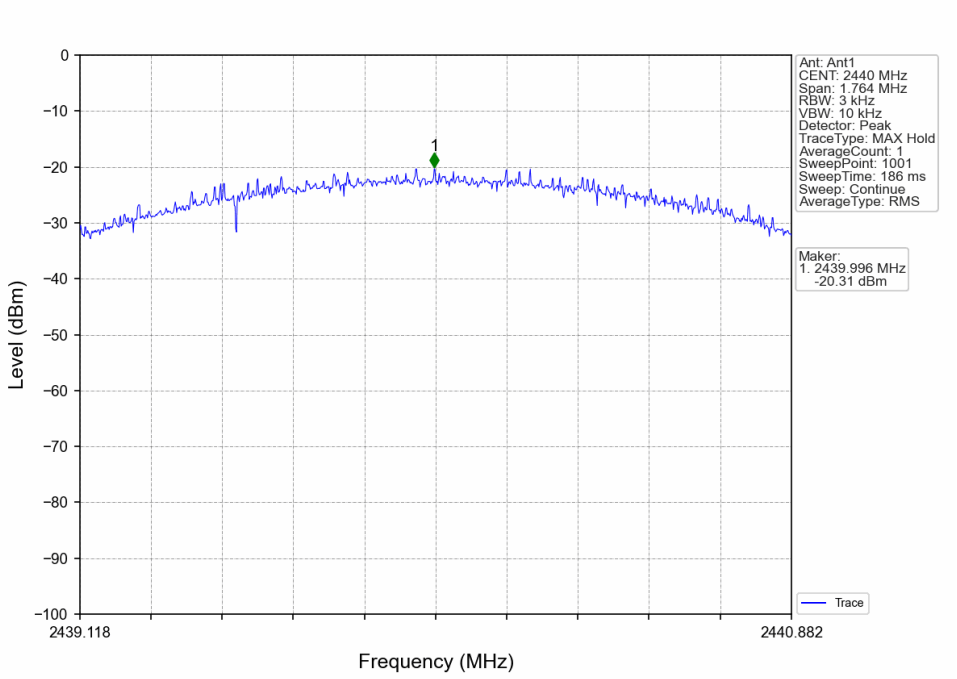
1M_HCH_2480MHz_Ant1_NTNV



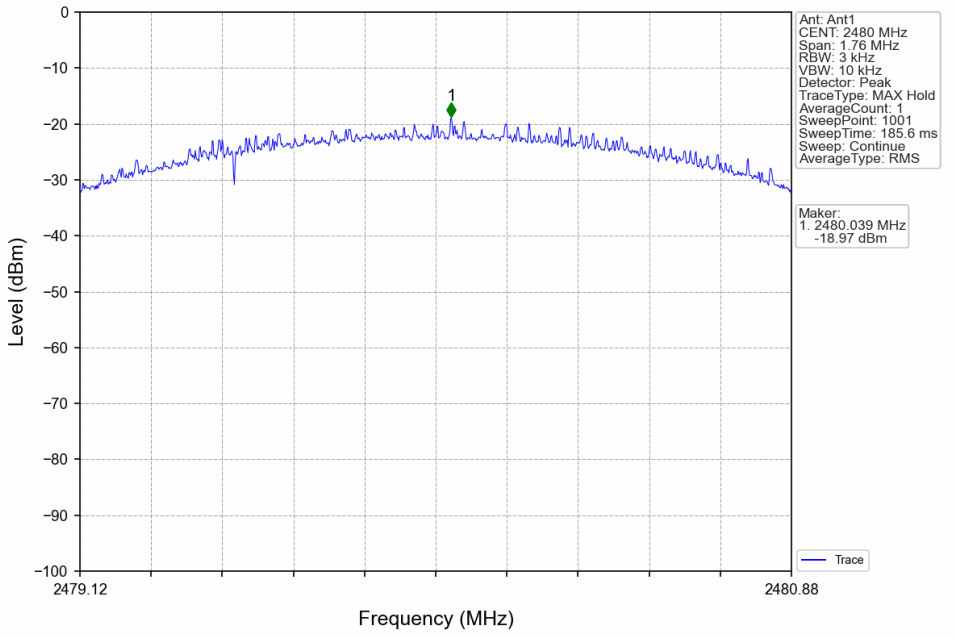
2M_LCH_2402MHz_Ant1_NTNV



2M_MCH_2440MHz_Ant1_NTNV



2M_HCH_2480MHz_Ant1_NTNV



4. Unwanted Emissions In Non-restricted Frequency Bands

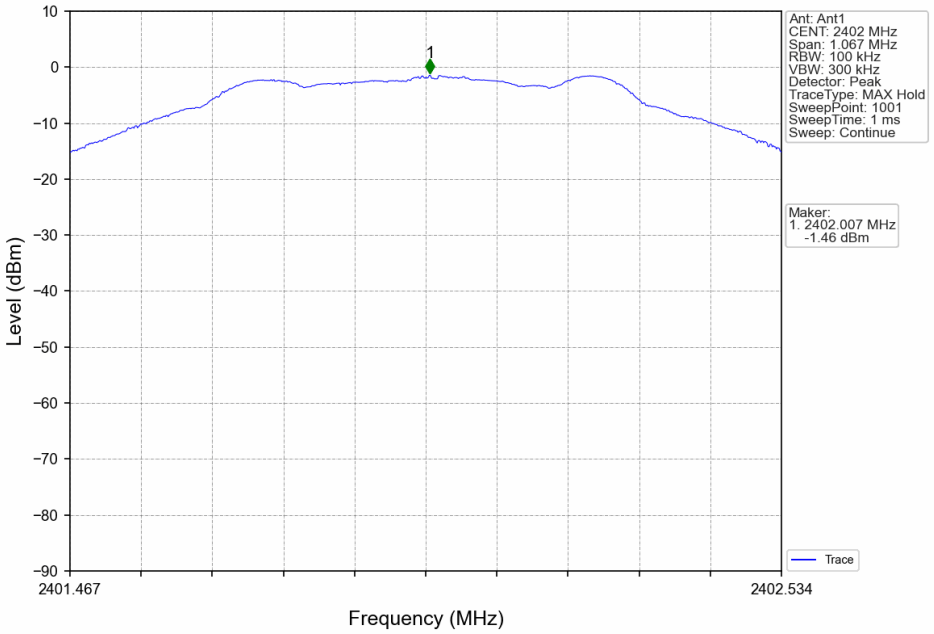
4.1 Ref

4.1.1 Test Result

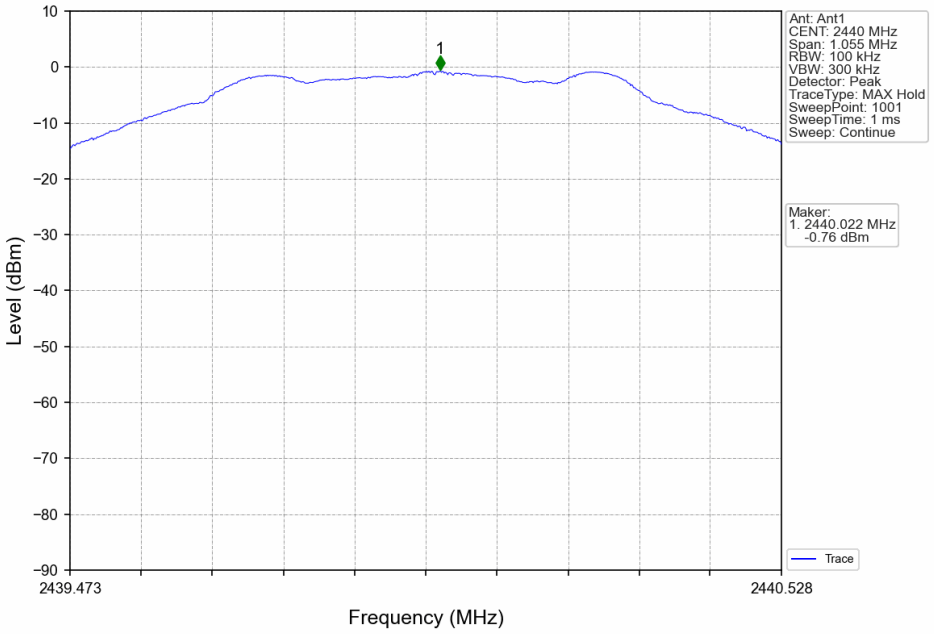
Mode	TX Type	Frequency (MHz)	ANT	Level of Reference (dBm)
1M	SISO	2402	1	-1.46
		2440	1	-0.76
		2480	1	**-0.55**
2M	SISO	2402	1	-1.87
		2440	1	-1.28
		2480	1	**-1.02**
Note1: Refer to RSS-247 Issue 2 section 5.5 and ANSI C63.10-2013, the channel contains the maximum PSD level was used to establish the reference level.				

4.1.2 Test Graph

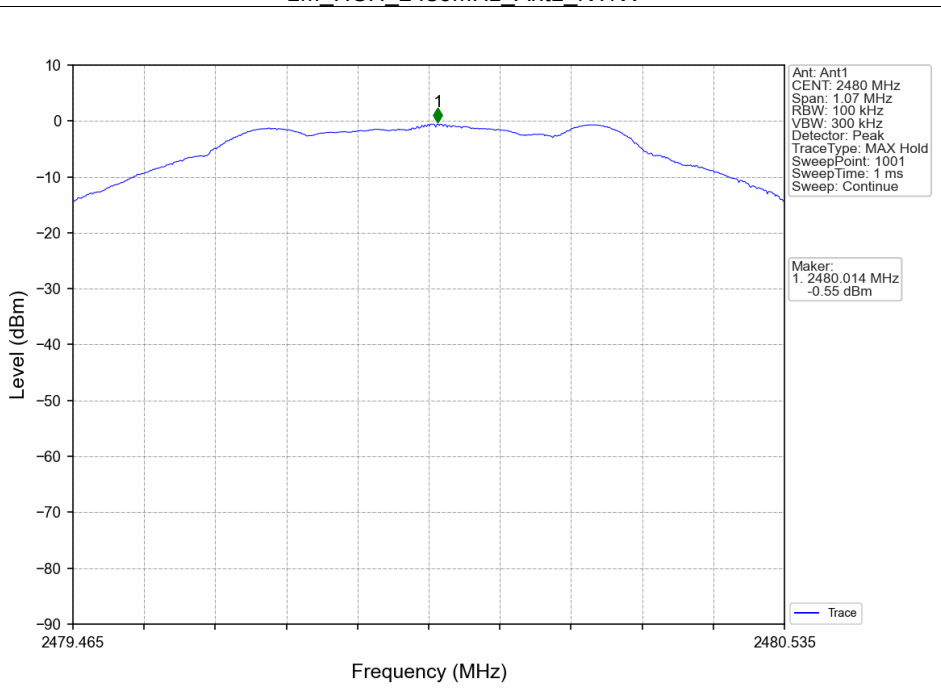
1M_LCH_2402MHz_Ant1_NTNV



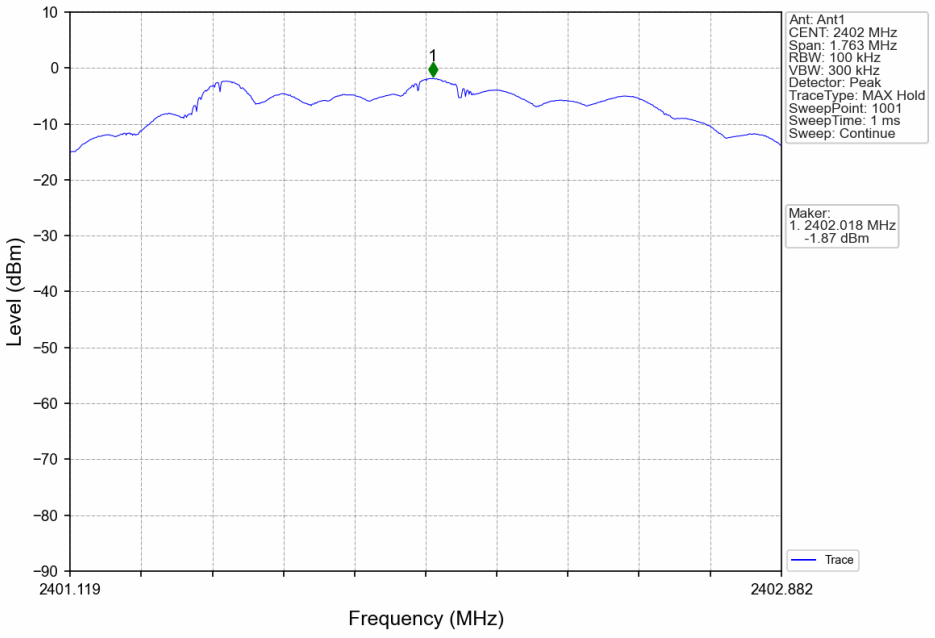
1M_MCH_2440MHz_Ant1_NTNV



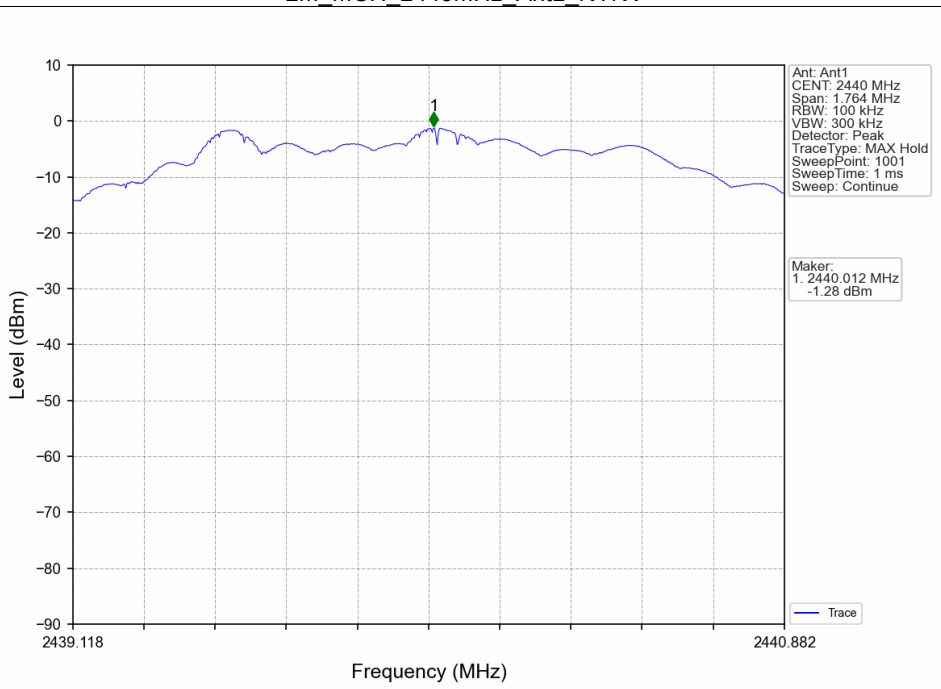
1M_HCH_2480MHz_Ant1_NTNV



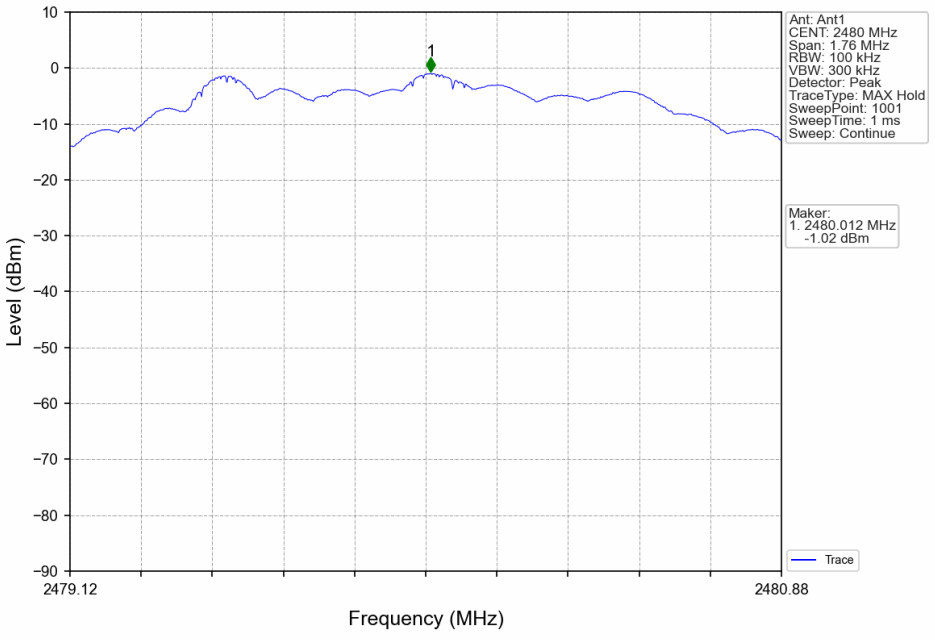
2M_LCH_2402MHz_Ant1_NTNV



2M_MCH_2440MHz_Ant1_NTNV



2M_HCH_2480MHz_Ant1_NTNV



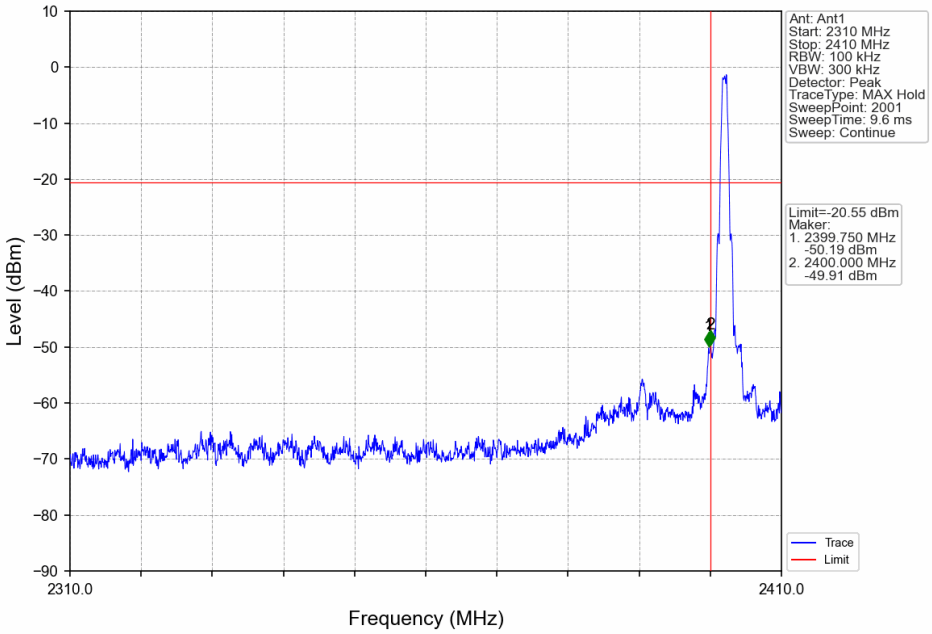
4.2 CSE

4.2.1 Test Result

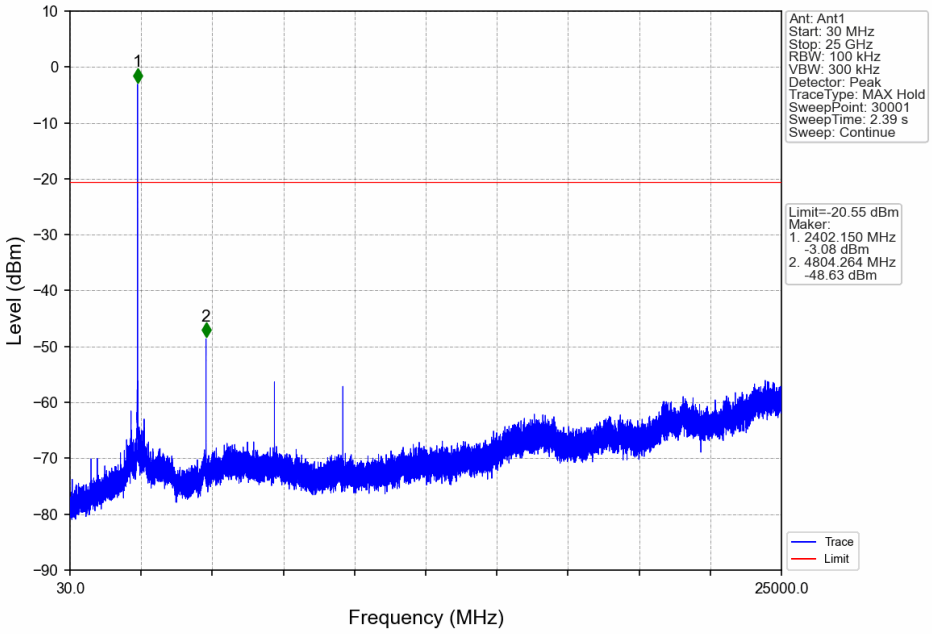
Mode	TX Type	Frequency (MHz)	ANT	Level of Reference (dBm)	Limit (dBm)	Verdict
1M	SISO	2402	1	-0.55	-20.55	Pass
		2440	1	-0.55	-20.55	Pass
		2480	1	-0.55	-20.55	Pass
2M	SISO	2402	1	-1.02	-21.02	Pass
		2440	1	-1.02	-21.02	Pass
		2480	1	-1.02	-21.02	Pass
Note1: Refer to RSS-247 Issue 2 section 5.5 and ANSI C63.10-2013, the channel contains the maximum PSD level was used to establish the reference level.						

4.2.2 Test Graph

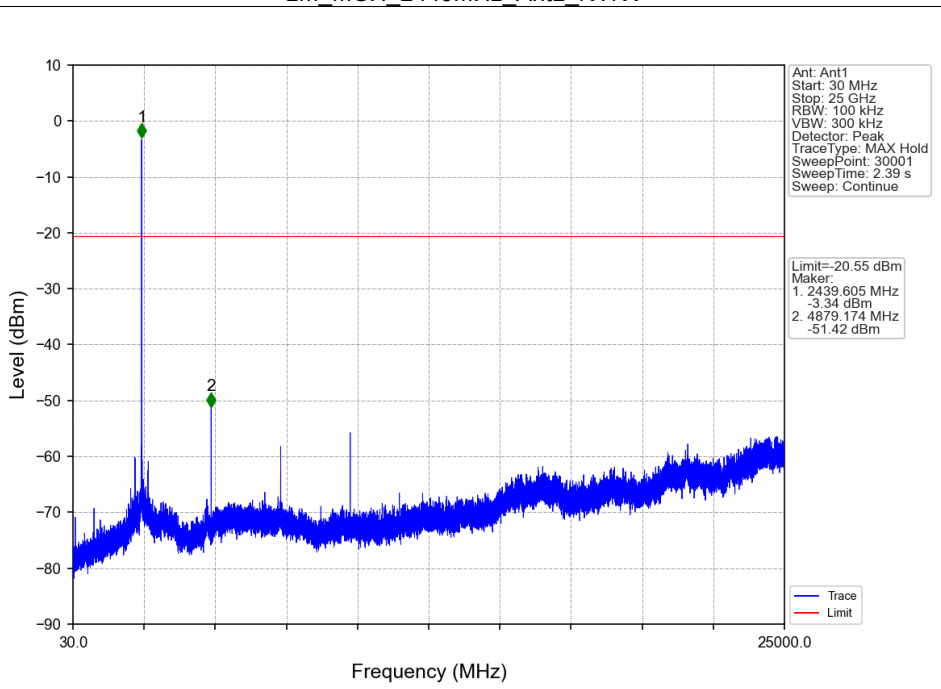
1M_LCH_2402MHz_Ant1_NTNV



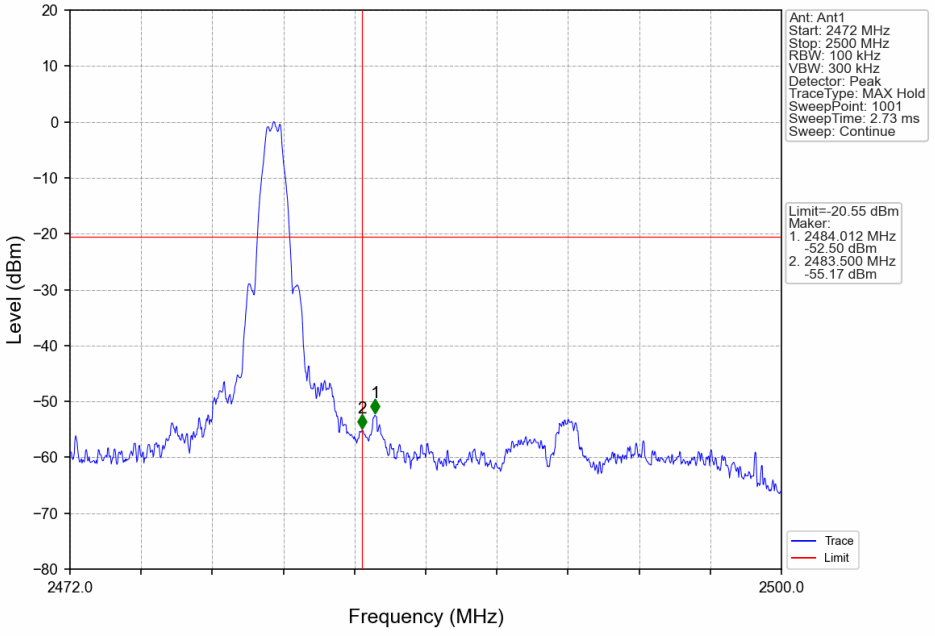
1M_LCH_2402MHz_Ant1_NTNV



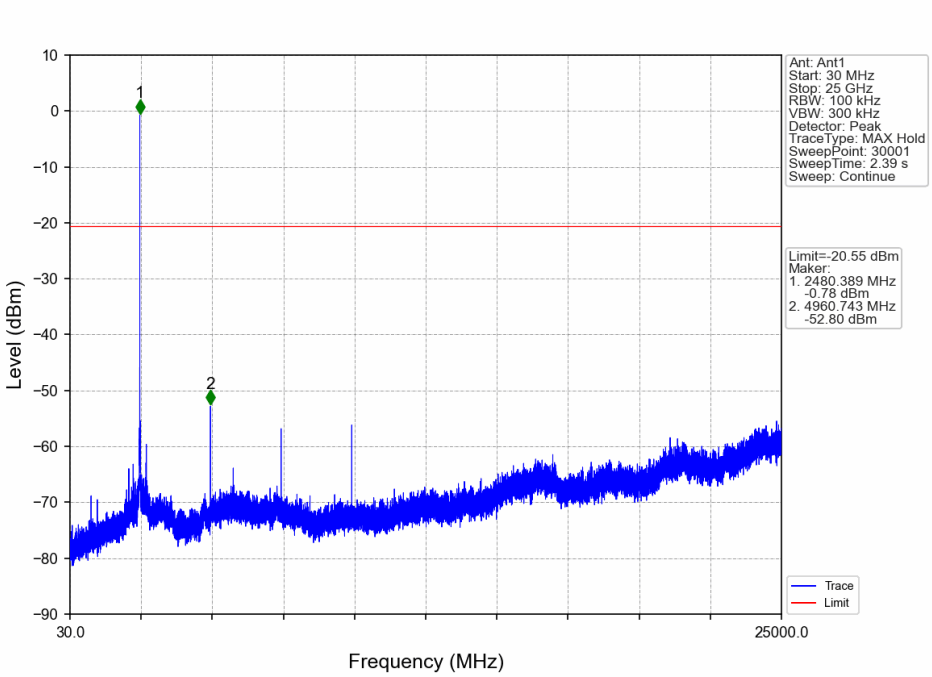
1M_MCH_2440MHz_Ant1_NTNV



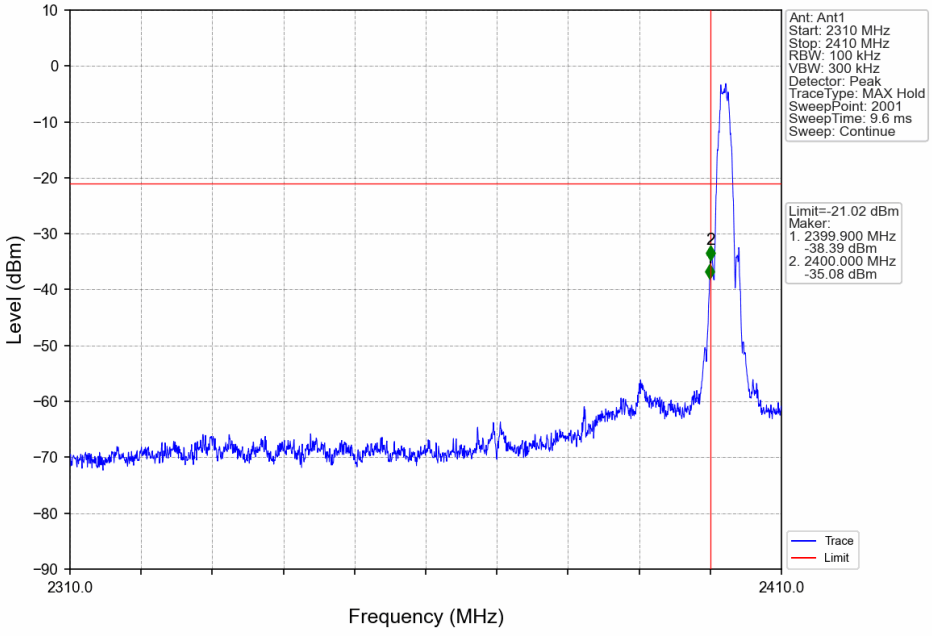
1M_HCH_2480MHz_Ant1_NTNV



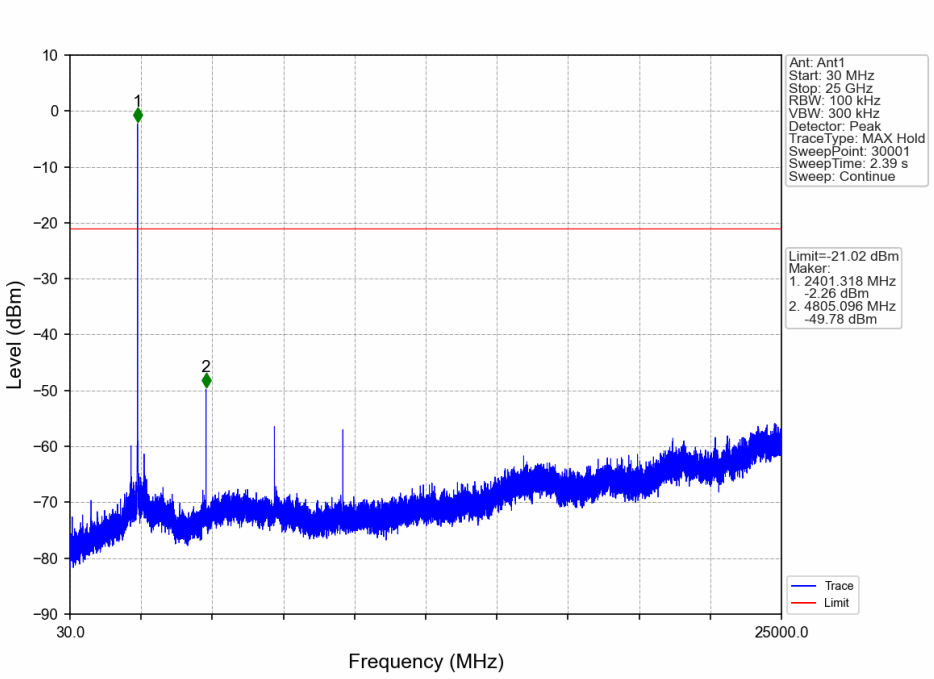
1M_HCH_2480MHz_Ant1_NTNV



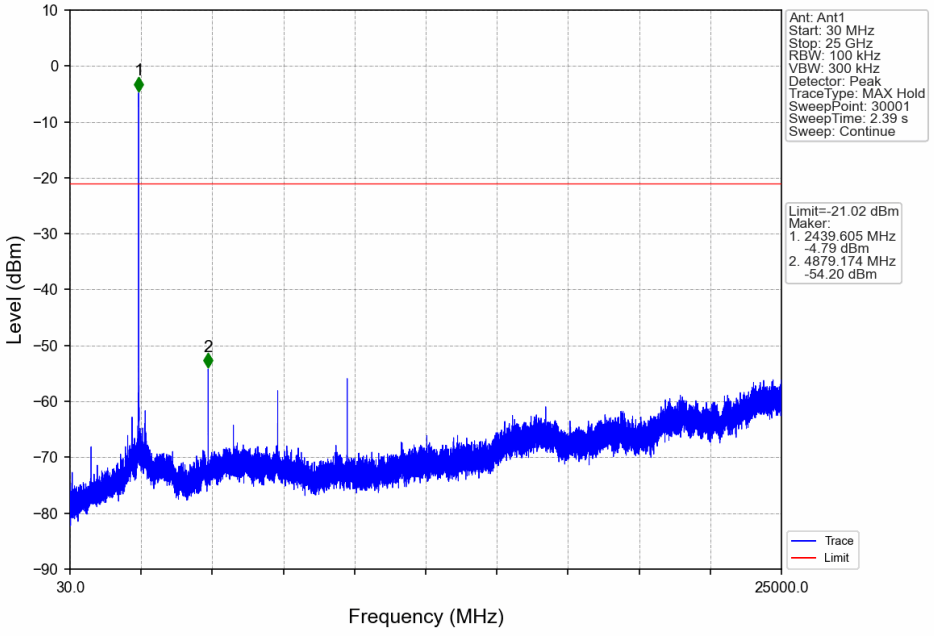
2M_LCH_2402MHz_Ant1_NTNV



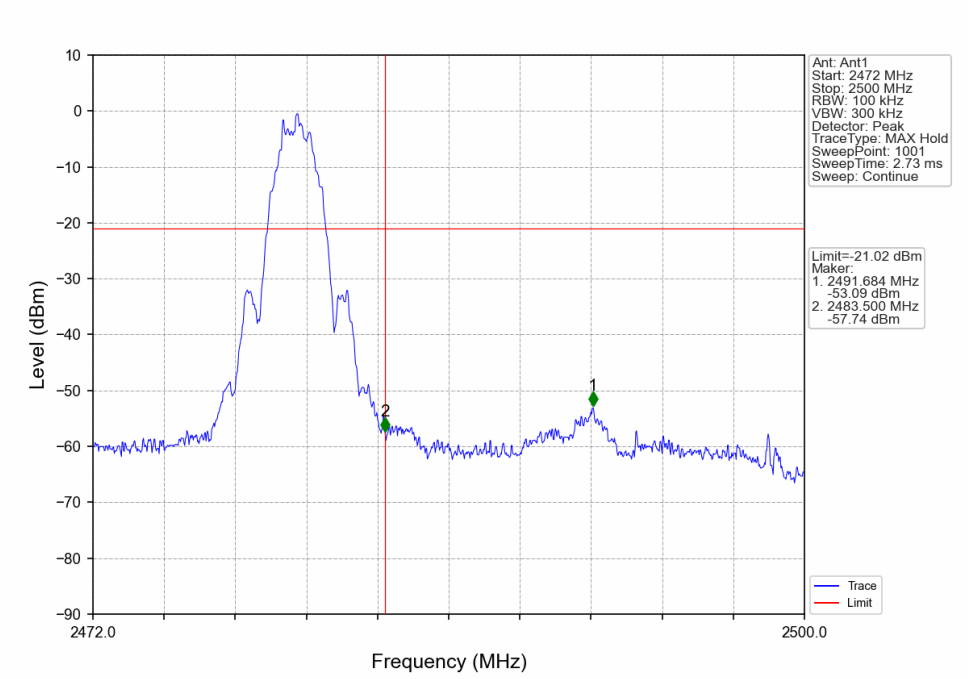
2M_LCH_2402MHz_Ant1_NTNV



2M_MCH_2440MHz_Ant1_NTNV



2M_HCH_2480MHz_Ant1_NTNV



2M_HCH_2480MHz_Ant1_NTNV