

1. Duty Cycle

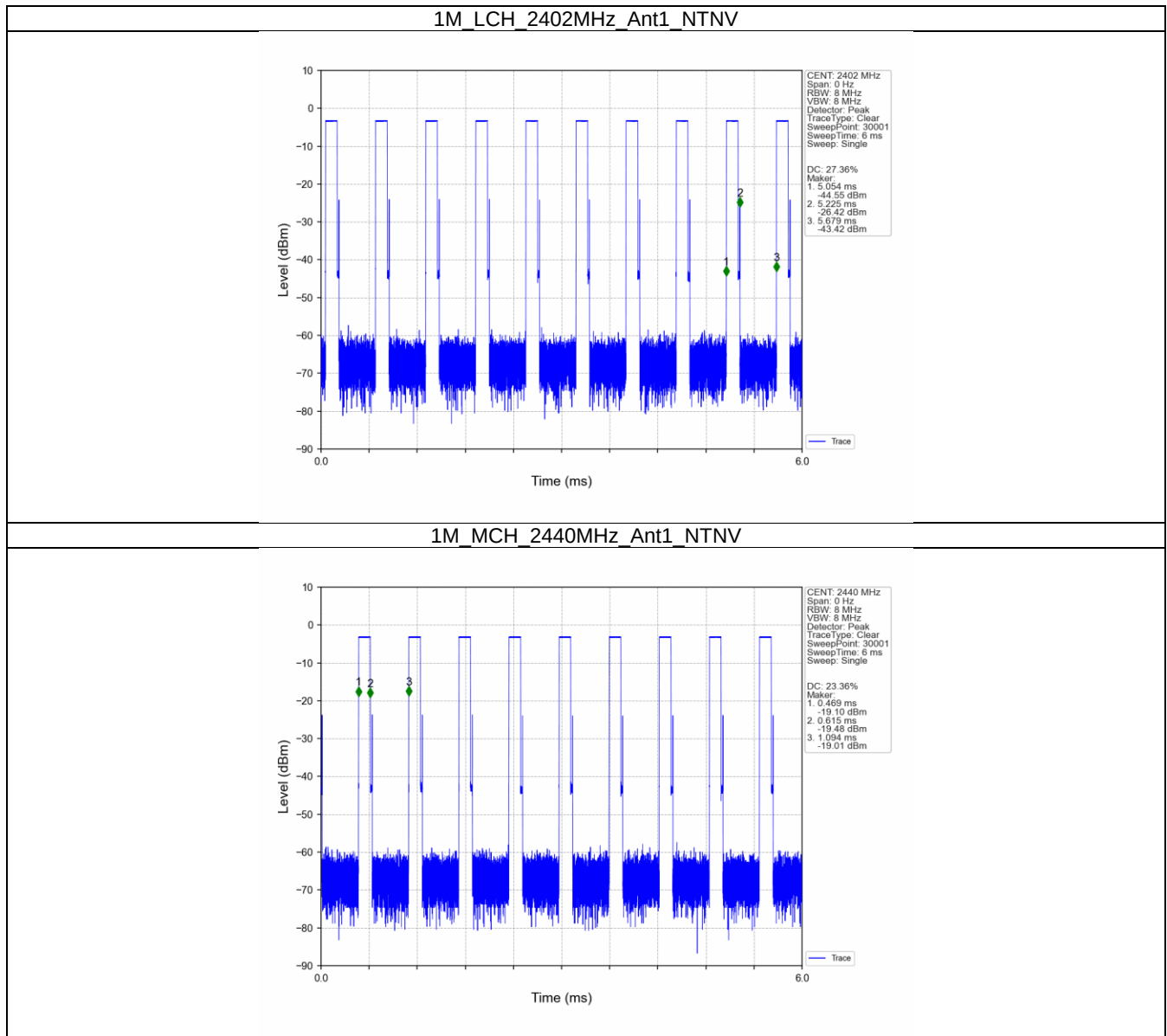
1.1 Test Result

1.1.1 Ant1

Ant1							
Mode	TX Type	Frequency (MHz)	T_on (ms)	Period (ms)	Duty Cycle (%)	Duty Cycle Correction Factor (dB)	Max. DC Variation (%)
1M	SISO	2402	0.171	0.625	27.36	5.63	0.03
		2440	0.146	0.625	23.36	6.32	0.00
		2480	0.171	0.625	27.36	5.63	0.00
2M	SISO	2402	0.110	0.625	17.60	7.54	0.00
		2440	0.136	0.625	21.76	6.62	0.03
		2480	0.135	0.625	21.60	6.66	0.00

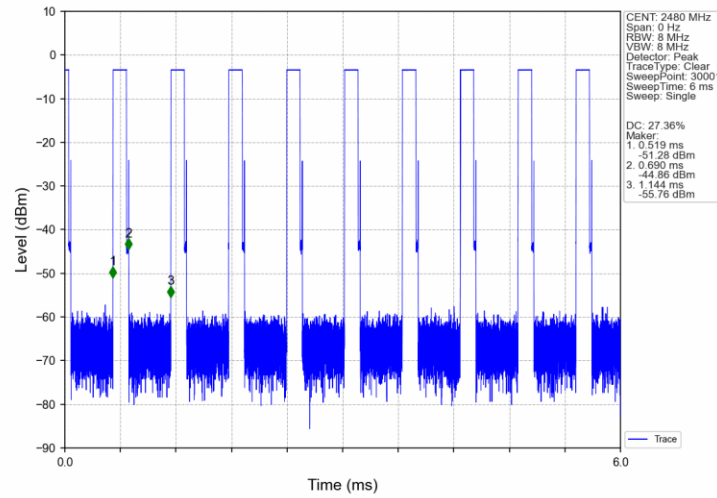
1.2 Test Graph

1.2.1 Ant1

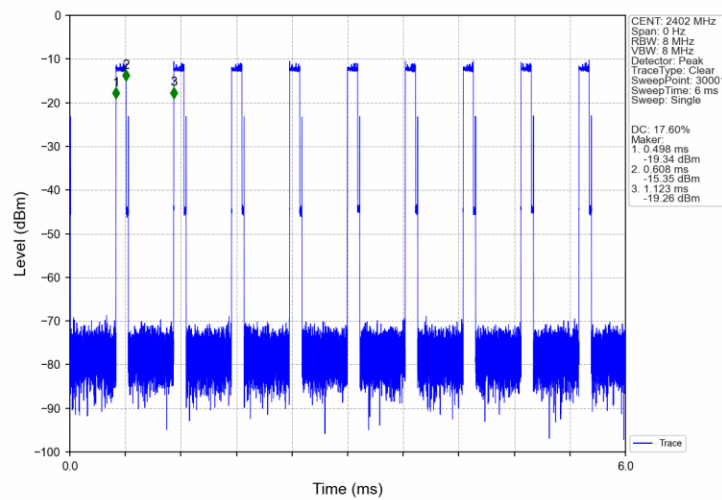




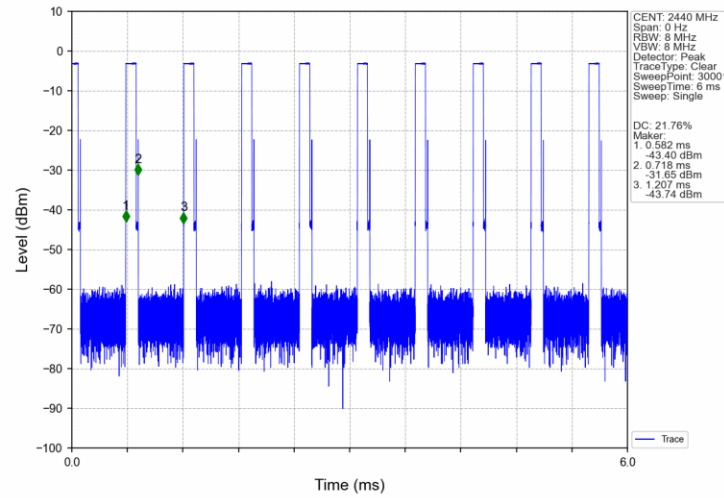
1M HCH 2480MHz Ant1 NTNV



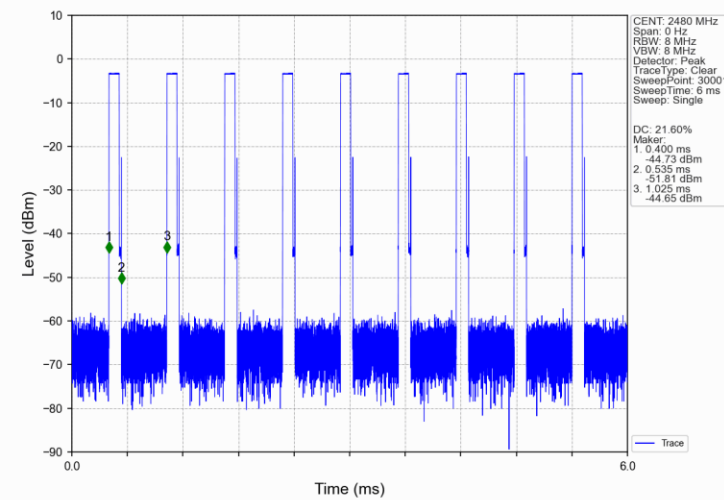
2M LCH 2402MHz Ant1 NTNV



2M MCH 2440MHz Ant1 NTNV



2M HCH 2480MHz Ant1 NTNV



2. Bandwidth

2.1 Test Result

2.1.1 OBW

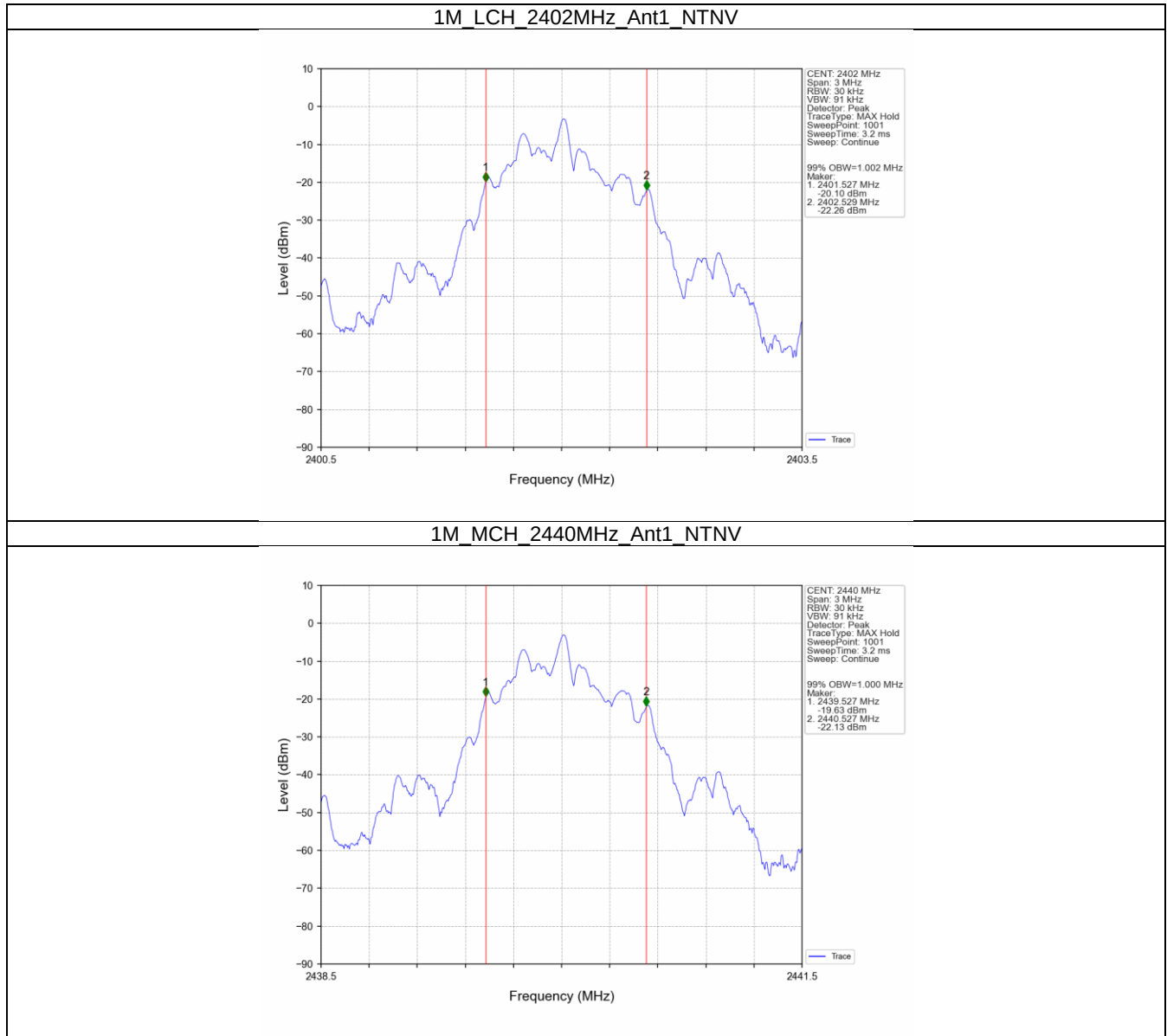
Mode	TX Type	Frequency (MHz)	ANT	99% Occupied Bandwidth (MHz)		Verdict
				Result	Limit	
1M	SISO	2402	1	1.002	/	Pass
		2440	1	1.000	/	Pass
		2480	1	1.004	/	Pass
2M	SISO	2402	1	2.046	/	Pass
		2440	1	2.041	/	Pass
		2480	1	2.049	/	Pass

2.1.2 6dB BW

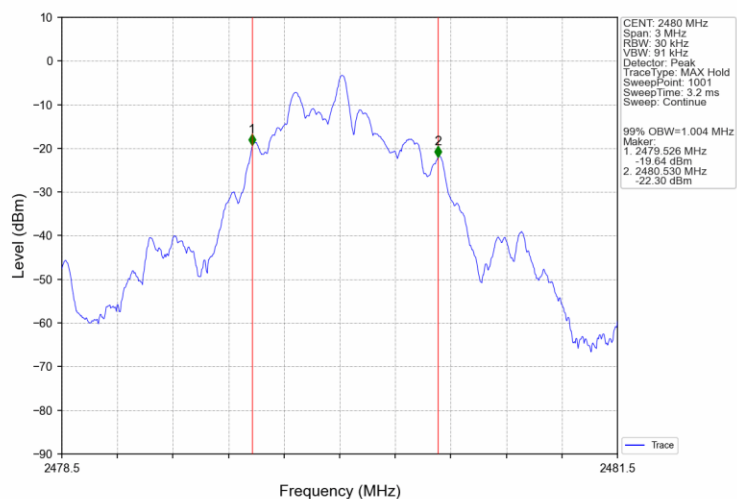
Mode	TX Type	Frequency (MHz)	ANT	6dB Bandwidth (MHz)		Verdict
				Result	Limit	
1M	SISO	2402	1	0.504	≥ 0.5	Pass
		2440	1	0.506	≥ 0.5	Pass
		2480	1	0.507	≥ 0.5	Pass
2M	SISO	2402	1	0.854	≥ 0.5	Pass
		2440	1	0.853	≥ 0.5	Pass
		2480	1	0.852	≥ 0.5	Pass

2.2 Test Graph

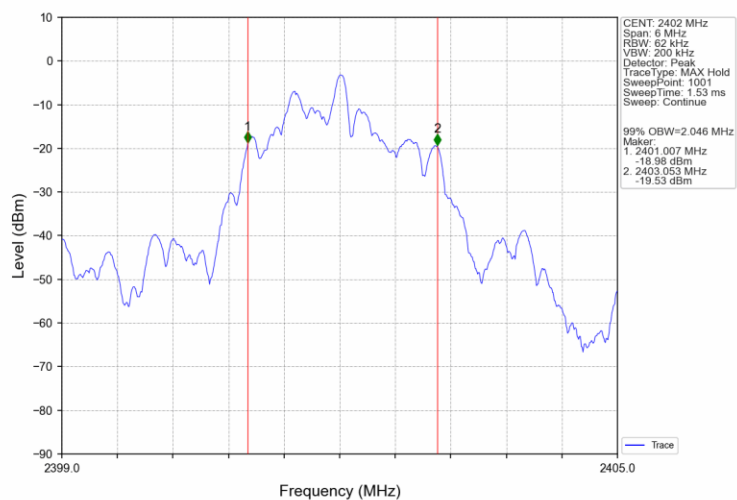
2.2.1 OBW



1M HCH 2480MHz Ant1 NTNV

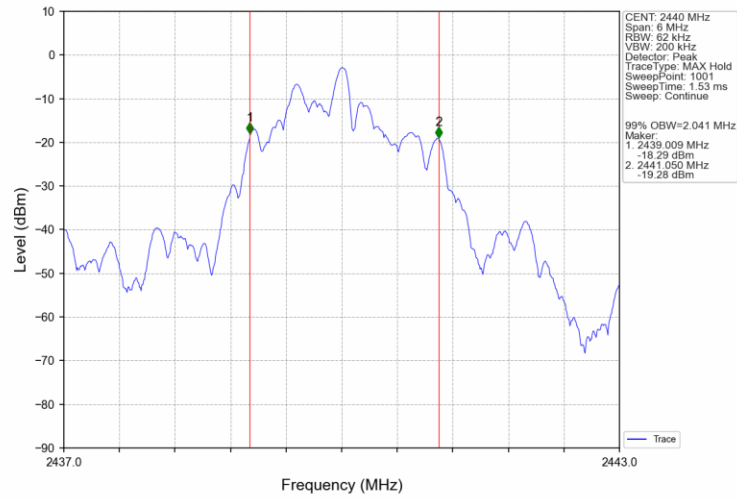


2M LCH 2402MHz Ant1 NTNV

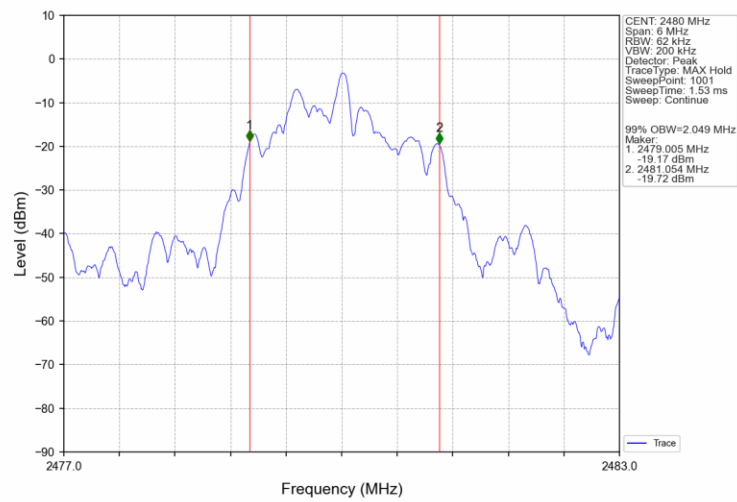




2M MCH 2440MHz Ant1 NTNV

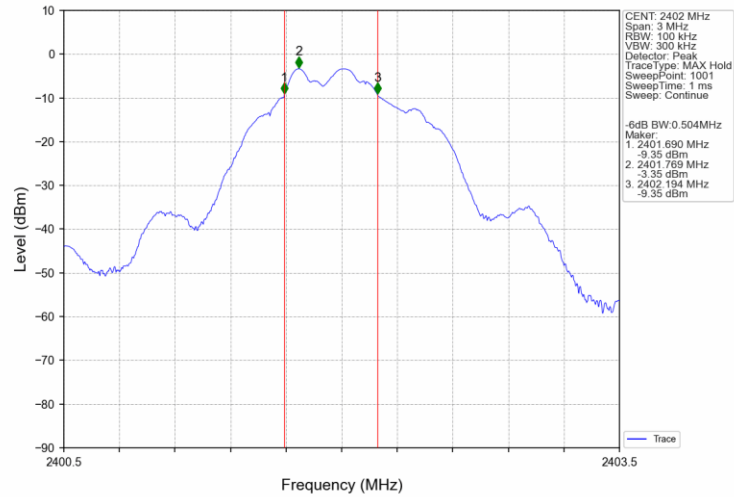


2M HCH 2480MHz Ant1 NTNV

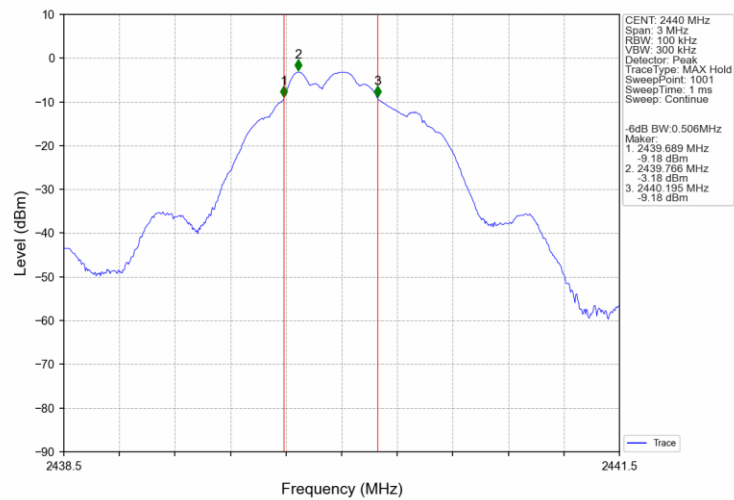


2.2.2 6dB BW

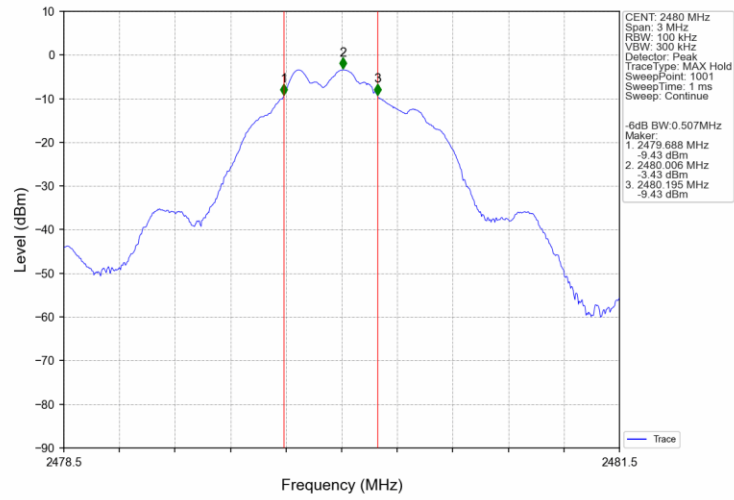
1M_LCH_2402MHz_Ant1_NTNV



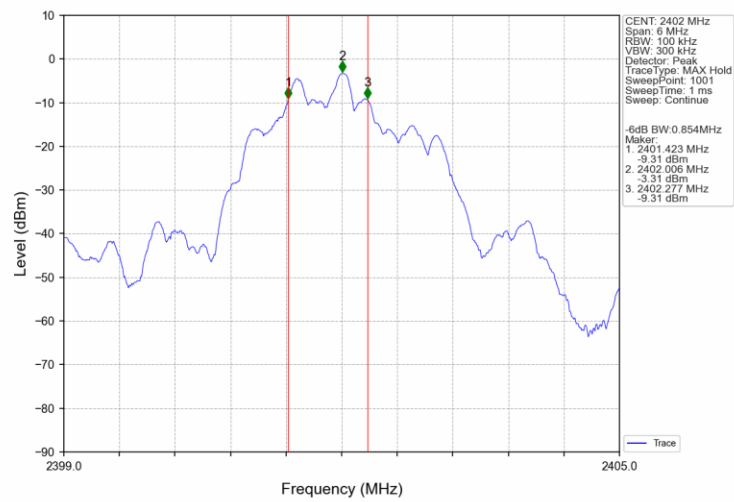
1M_MCH_2440MHz_Ant1_NTNV



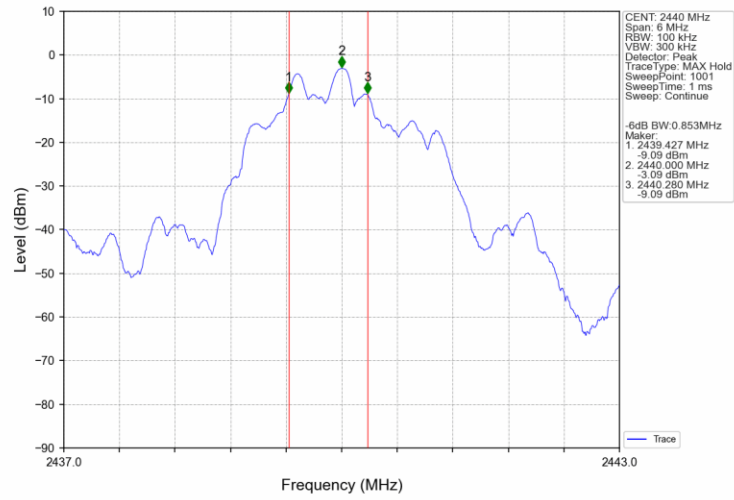
1M HCH 2480MHz Ant1 NTN



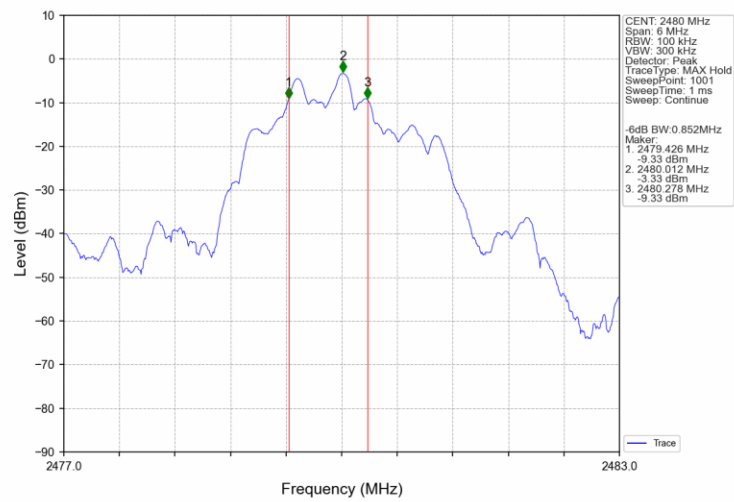
2M LCH 2402MHz Ant1 NTN



2M MCH 2440MHz Ant1 NTNV



2M HCH 2480MHz Ant1 NTNV



3. Maximum Conducted Output Power

3.1 Test Result

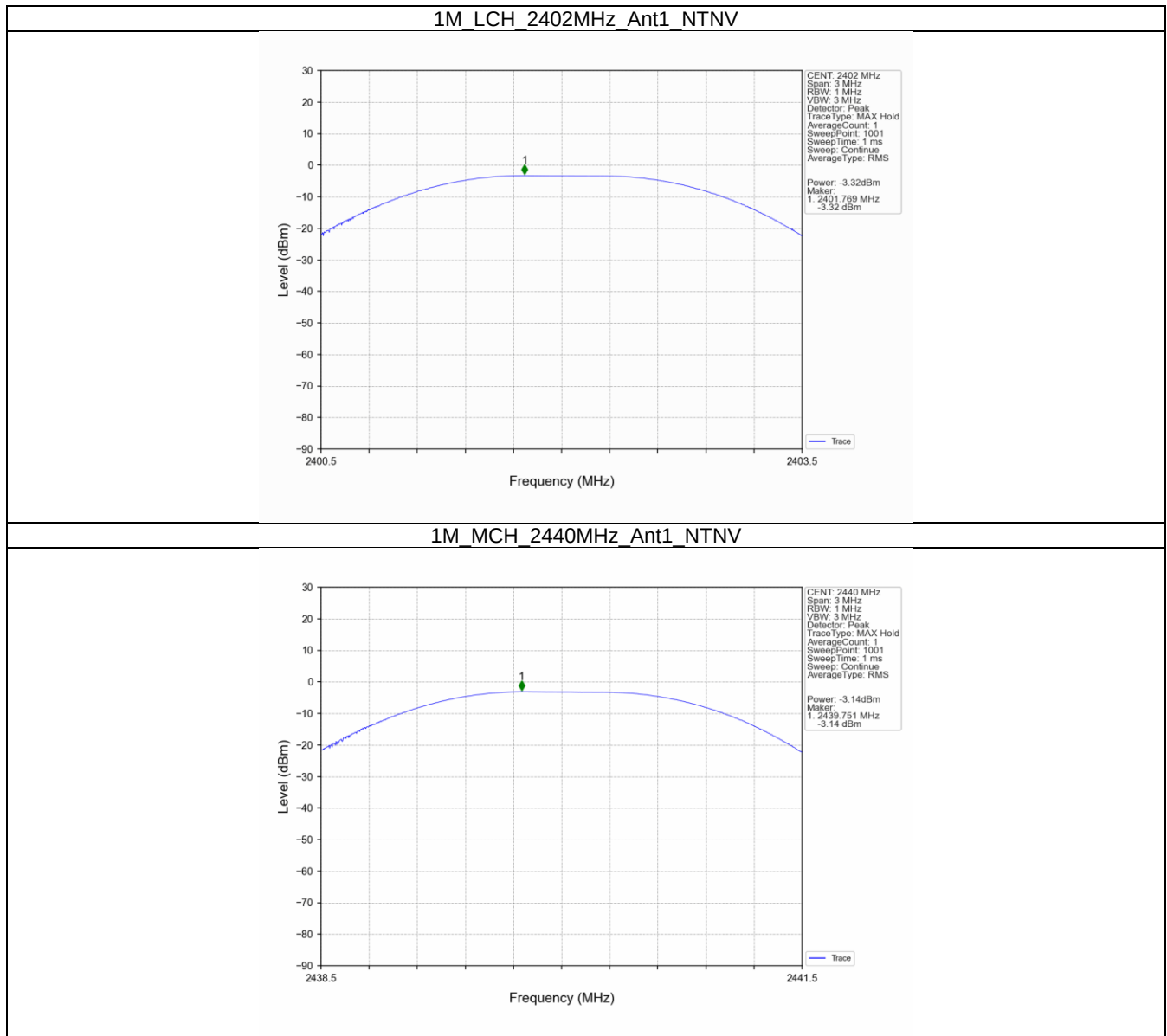
3.1.1 Power

Mode	TX Type	Frequency (MHz)	Maximum Peak Conducted Output Power (dBm)		Verdict
			ANT1	Limit	
1M	SISO	2402	-3.32	<=30	Pass
		2440	-3.14	<=30	Pass
		2480	-3.40	<=30	Pass
2M	SISO	2402	-3.29	<=30	Pass
		2440	-3.08	<=30	Pass
		2480	-3.31	<=30	Pass

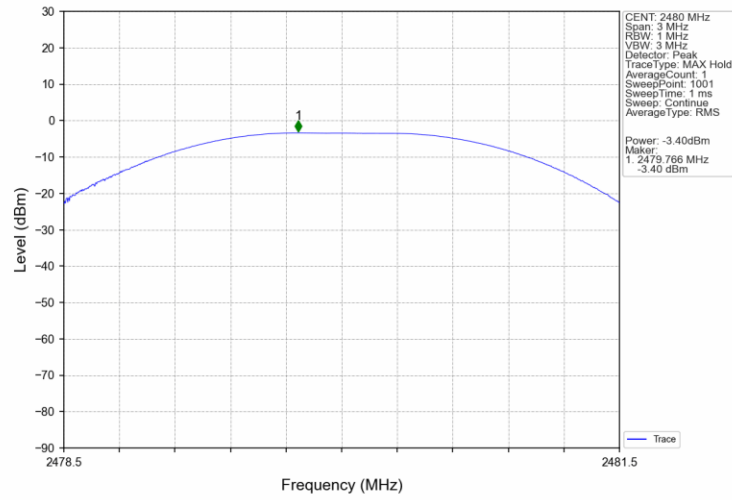
Note1: Antenna Gain: Ant1: 2.50dBi;

3.2 Test Graph

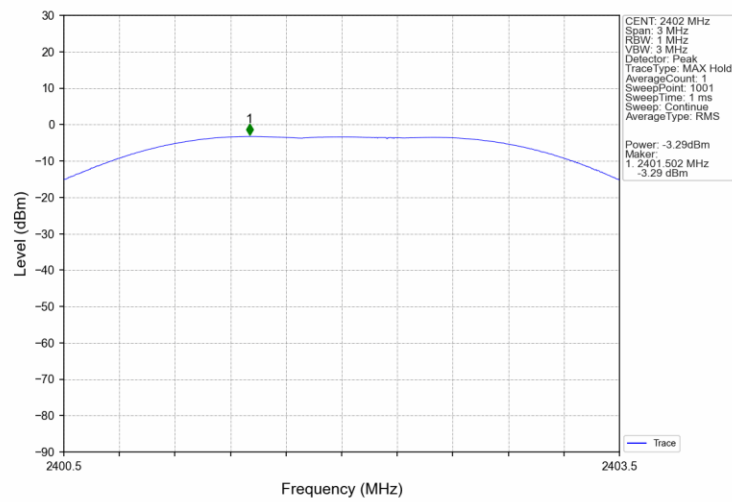
3.2.1 Power



1M HCH 2480MHz Ant1 NTN

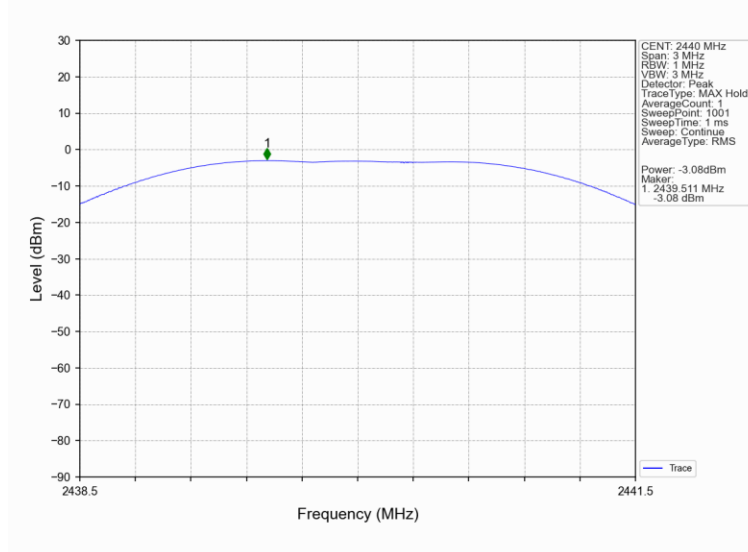


2M LCH 2402MHz Ant1 NTN

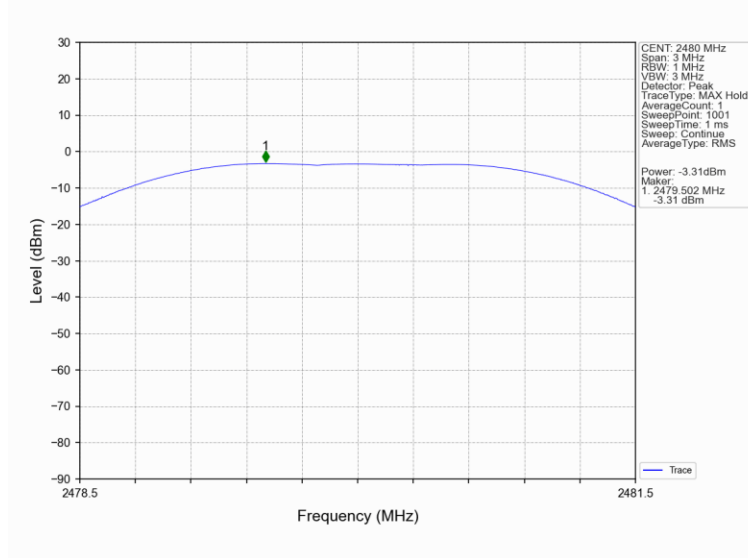




2M MCH 2440MHz Ant1 NTN



2M HCH 2480MHz Ant1 NTN



4. Maximum Power Spectral Density

4.1 Test Result

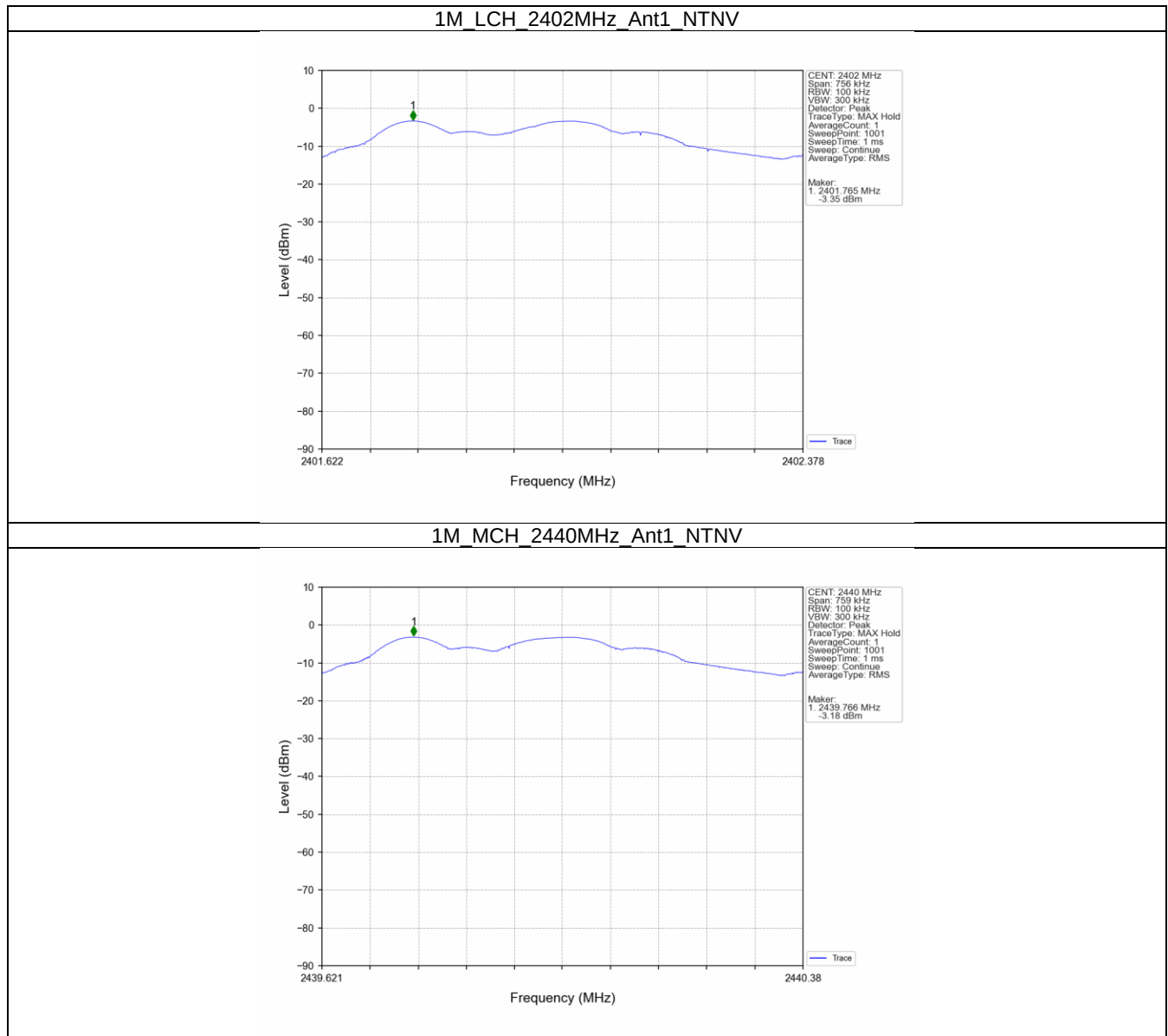
4.1.1 PSD

Mode	TX Type	Frequency (MHz)	Maximum PSD (dBm)		Verdict
			ANT1	Limit	
1M	SISO	2402	-3.35	<=8	Pass
		2440	-3.18	<=8	Pass
		2480	-3.42	<=8	Pass
2M	SISO	2402	-3.40	<=8	Pass
		2440	-3.21	<=8	Pass
		2480	-3.41	<=8	Pass

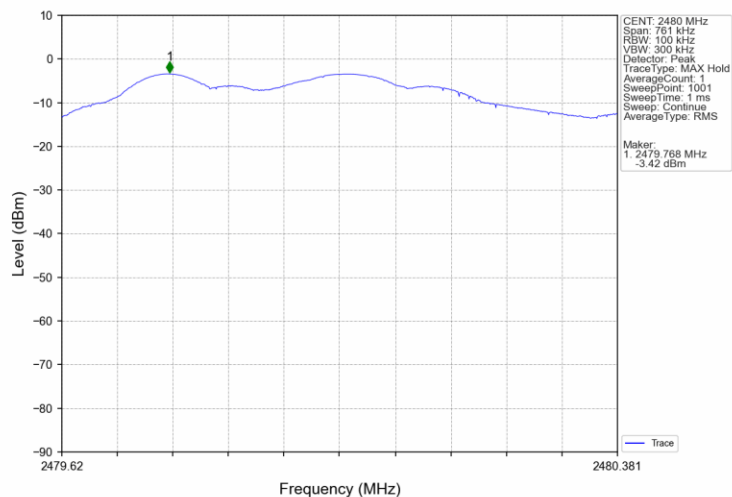
Note1: Antenna Gain: Ant1: 2.50dBi;

4.2 Test Graph

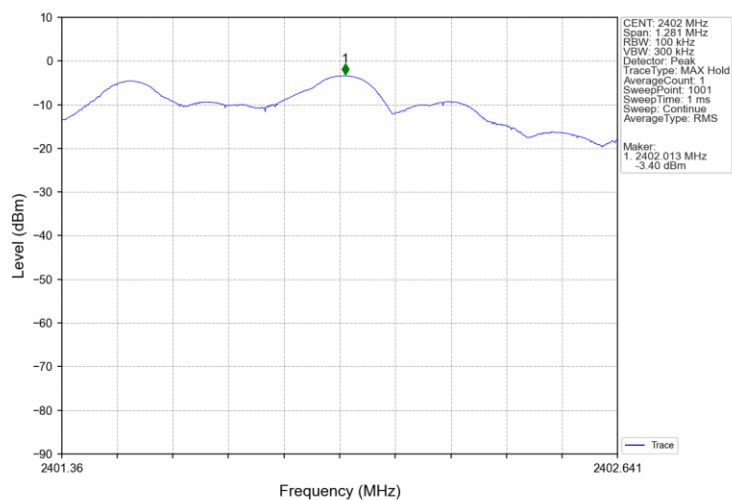
4.2.1 PSD



1M HCH 2480MHz Ant1 NTN

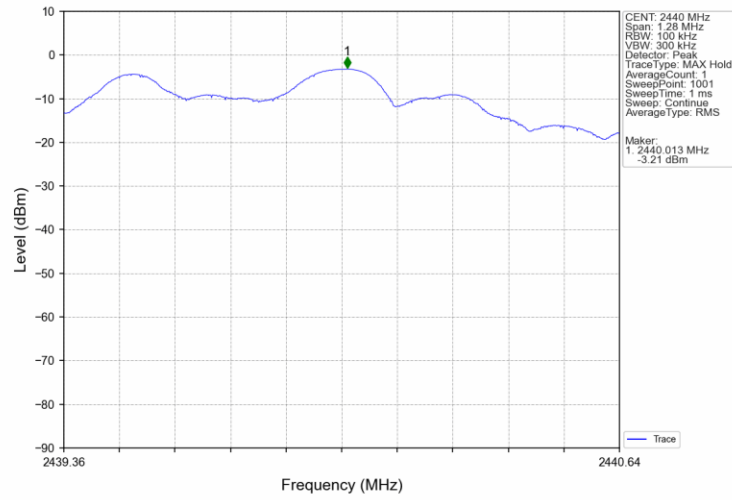


2M LCH 2402MHz Ant1 NTN

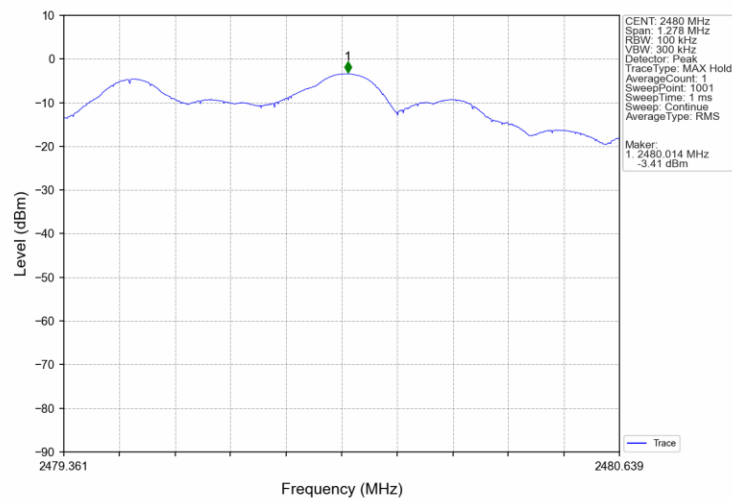




2M MCH 2440MHz Ant1 NTNV



2M HCH 2480MHz Ant1 NTNV



5. Unwanted Emissions In Non-restricted Frequency Bands

5.1 Test Result

5.1.1 Ref

Mode	TX Type	Frequency (MHz)	ANT	Level of Reference (dBm)
1M	SISO	2402	1	-3.35
		2440	1	-3.18
		2480	1	-3.42
2M	SISO	2402	1	-3.40
		2440	1	-3.21
		2480	1	-3.41

Note1: Refer to FCC Part 15.247 (d) and ANSI C63.10-2020, the channel contains the maximum PSD level was used to establish the reference level.

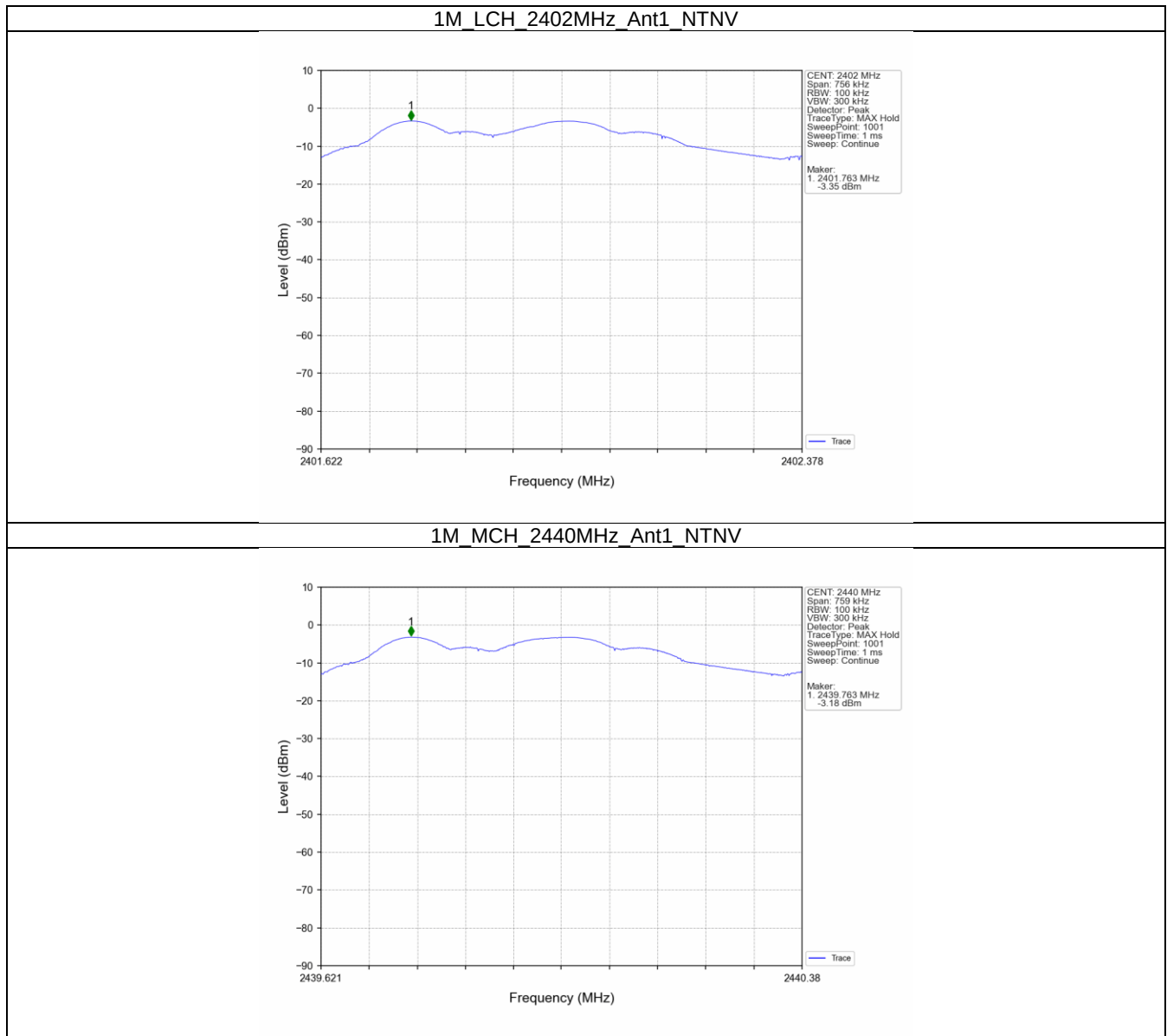
5.1.2 CSE

Mode	TX Type	Frequency (MHz)	ANT	Level of Reference (dBm)	Limit (dBm)	Verdict
1M	SISO	2402	1	-3.35	-23.35	Pass
		2440	1	-3.18	-23.18	Pass
		2480	1	-3.42	-23.42	Pass
2M	SISO	2402	1	-3.40	-23.40	Pass
		2440	1	-3.21	-23.21	Pass
		2480	1	-3.41	-23.41	Pass

Note1: Refer to FCC Part 15.247 (d) and ANSI C63.10-2020, the channel contains the maximum PSD level was used to establish the reference level.

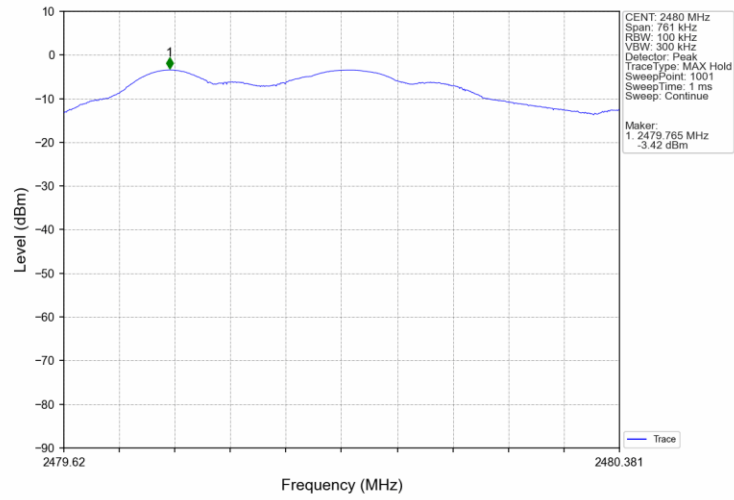
5.2 Test Graph

5.2.1 Ref

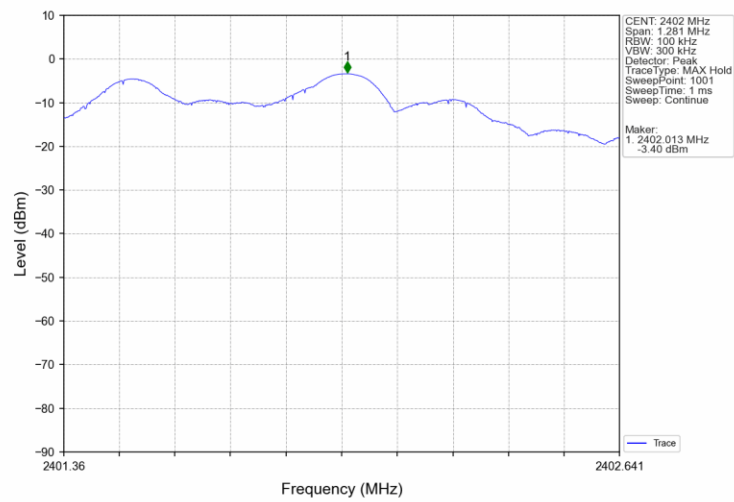




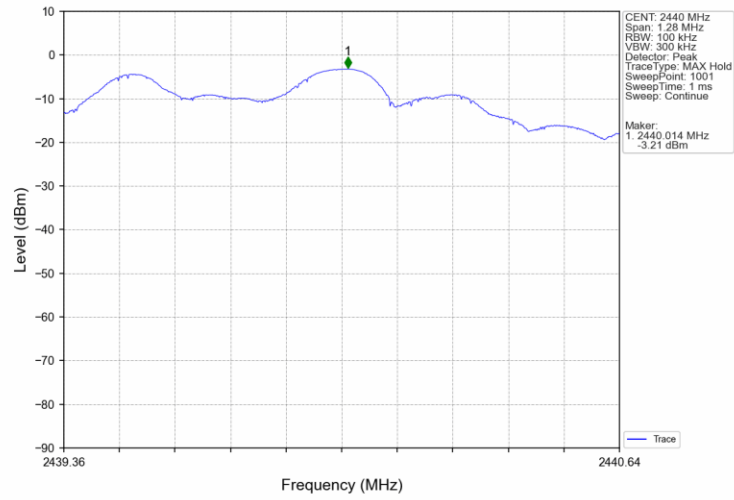
1M HCH 2480MHz Ant1 NTN



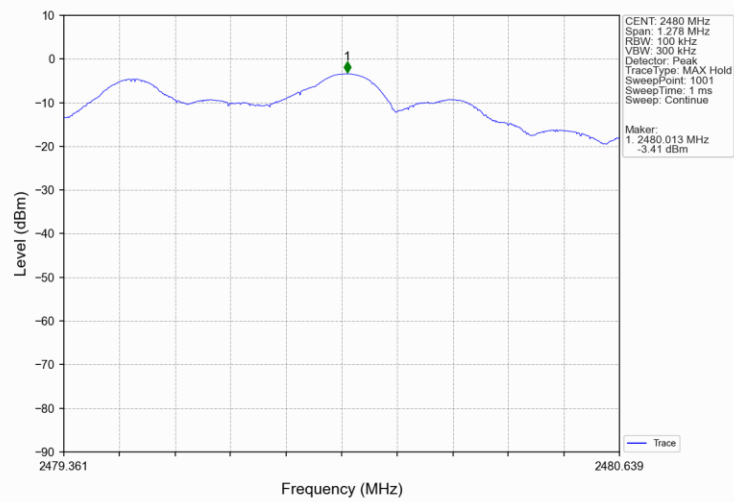
2M LCH 2402MHz Ant1 NTN



2M MCH 2440MHz Ant1 NTNV

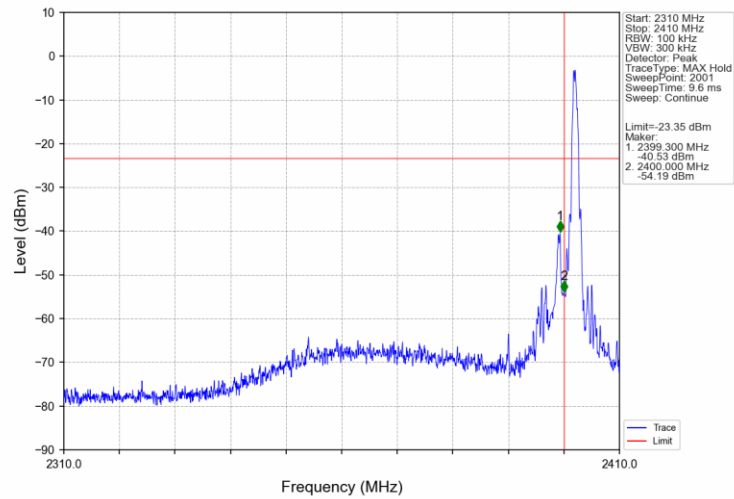


2M HCH 2480MHz Ant1 NTNV

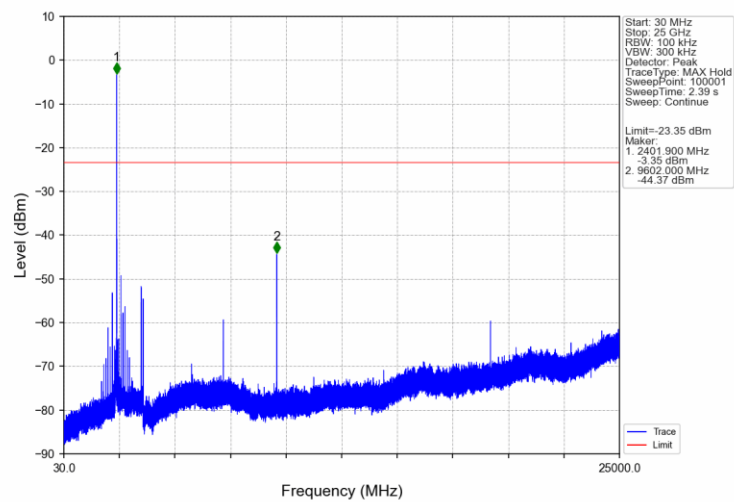


5.2.2 CSE

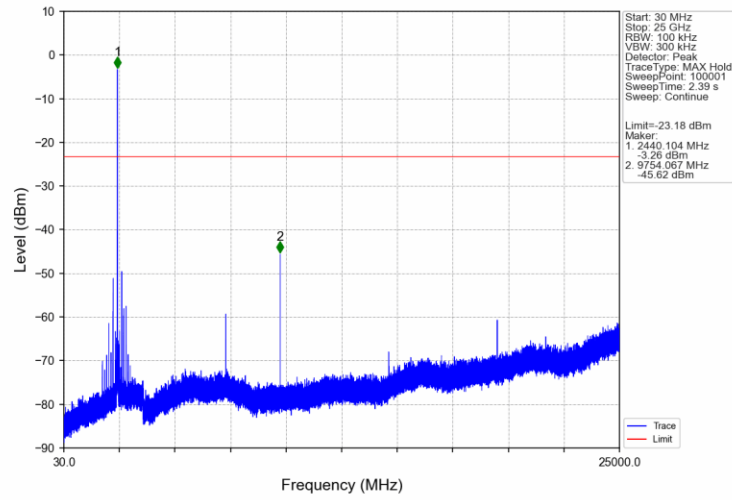
1M_LCH_2402MHz_Ant1_NTNV



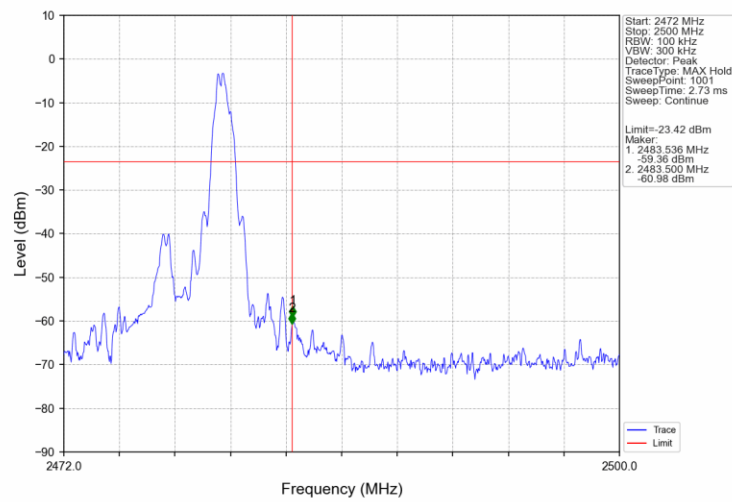
1M_LCH_2402MHz_Ant1_NTNV



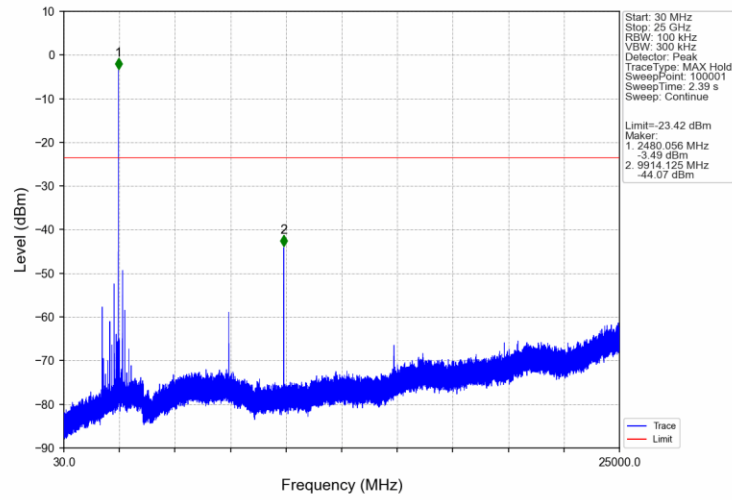
1M MCH 2440MHz Ant1 NTNV



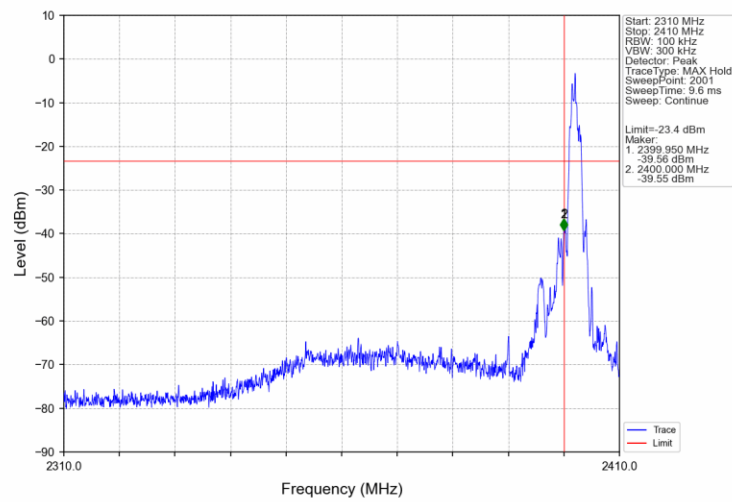
1M HCH 2480MHz Ant1 NTNV



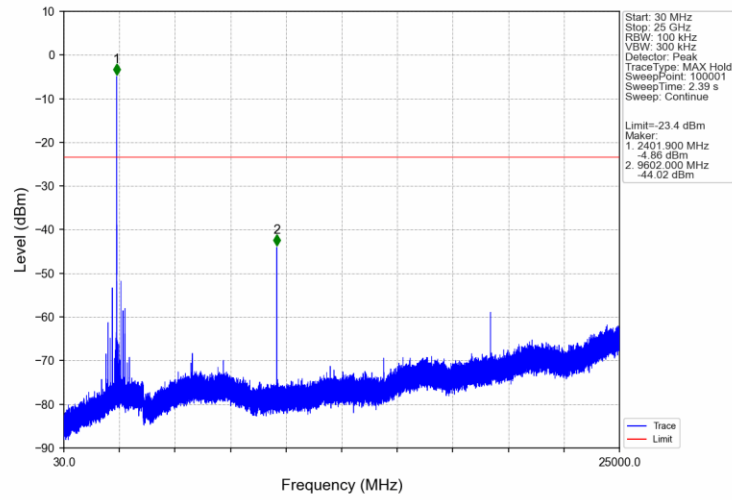
1M HCH 2480MHz Ant1 NTNV



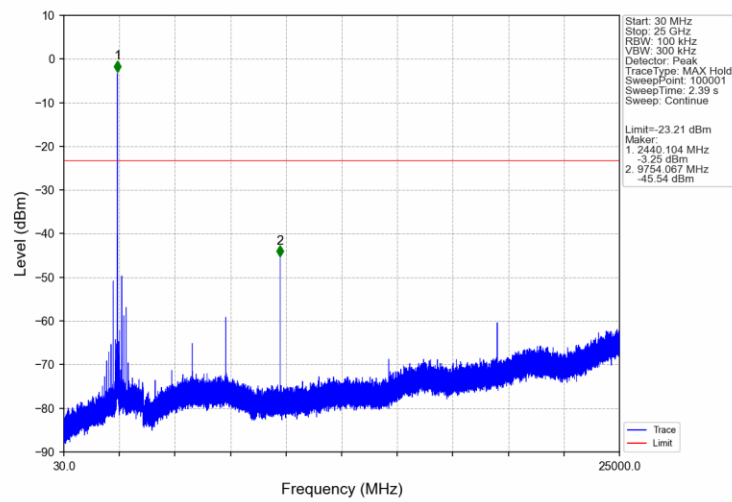
2M LCH 2402MHz Ant1 NTNV



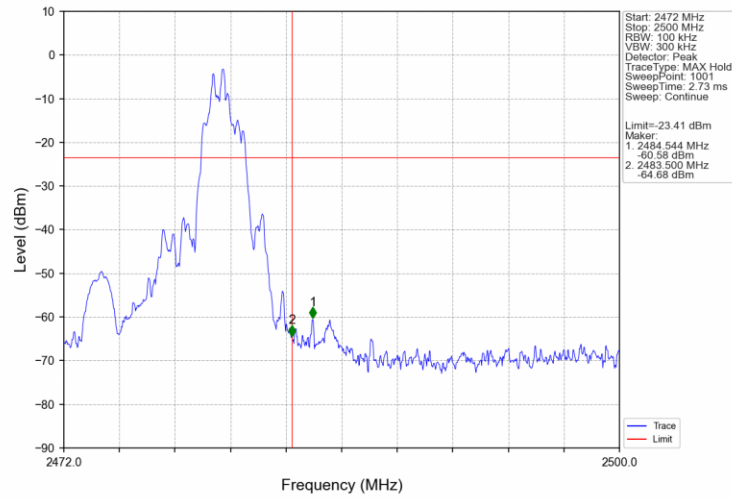
2M LCH 2402MHz Ant1 NTN



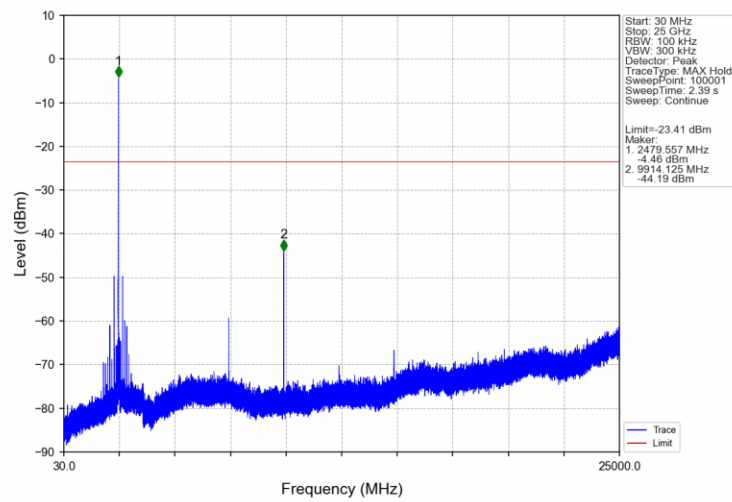
2M MCH 2440MHz Ant1 NTN



2M HCH 2480MHz Ant1 NTNV



2M HCH 2480MHz Ant1 NTNV



6. Form731

6.1 Test Result

6.1.1 Form731

Lower Freq (MHz)	High Freq (MHz)	MAX Power (W)	MAX Power (dBm)
2402	2480	0.0005	-3.08