1. Duty Cycle

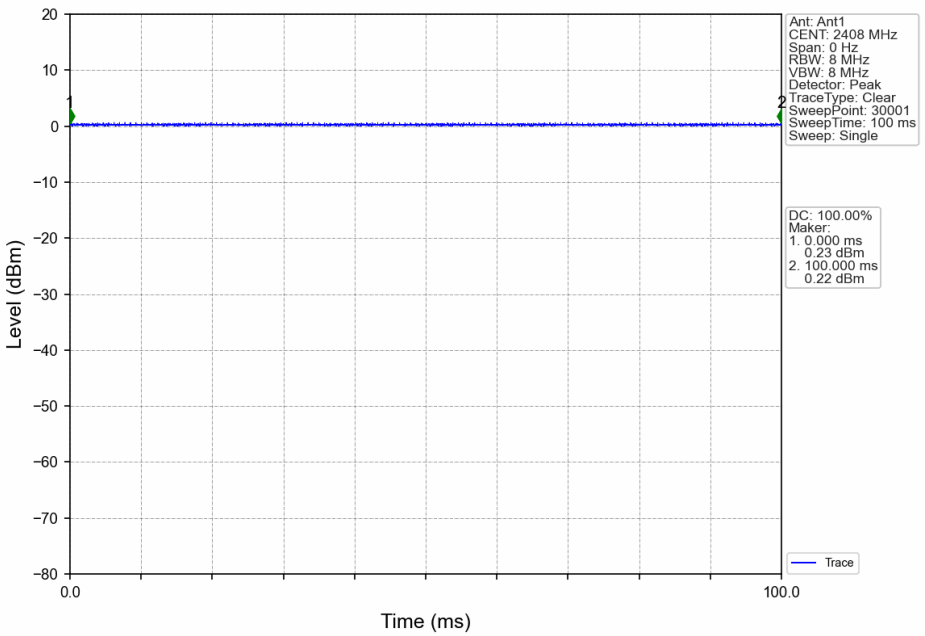
1.1 Ant1

1.1.1 Test Result

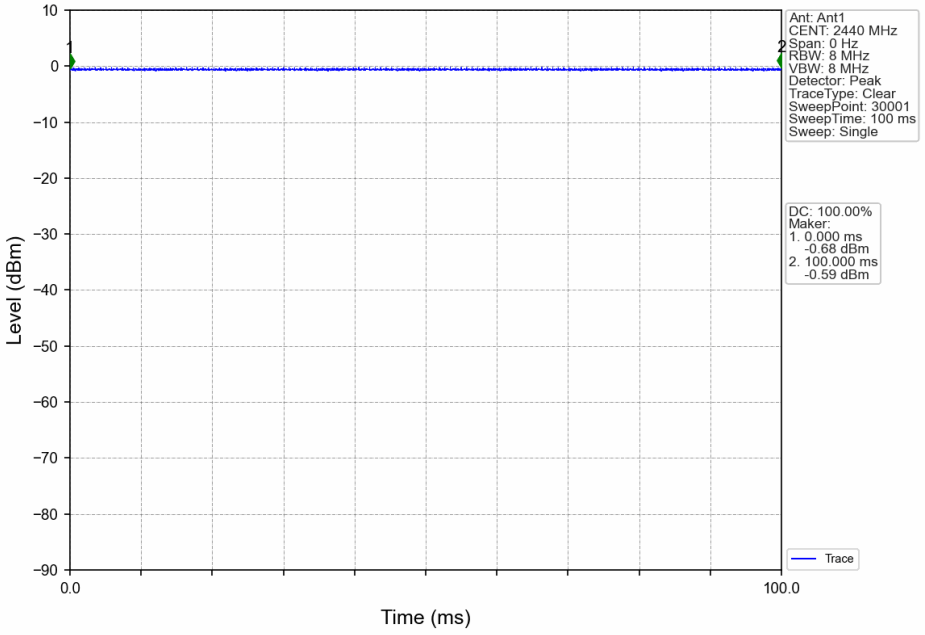
Ant1							
Mode	TX Type	Frequency (MHz)	T_on (ms)	Period (ms)	Duty Cycle (%)	Duty Cycle Correction Factor (dB)	Max. DC Variation (%)
2.4G	SISO	2408	100.000	100.000	100.00	0.00	0.00
		2440	100.000	100.000	100.00	0.00	0.00
		2474	100.000	100.000	100.00	0.00	0.00

1.1.2 Test Graph

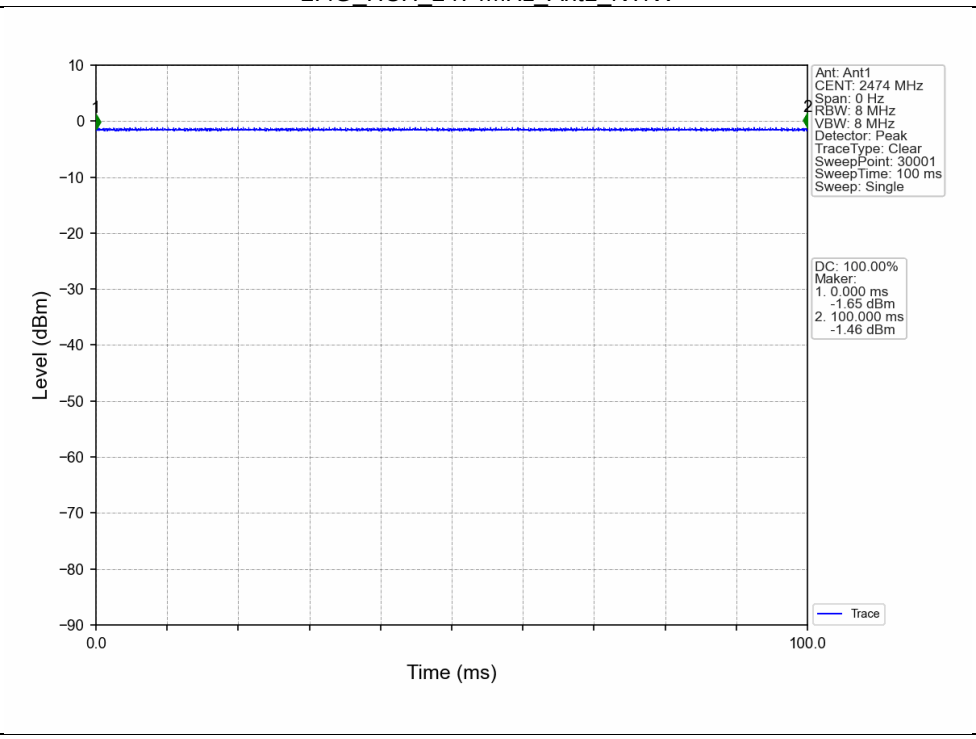
2.4G_LCH_2408MHz_Ant1_NTNV



2.4G_MCH_2440MHz_Ant1_NTNV



2.4G_HCH_2474MHz_Ant1_NTNV



2. Bandwidth

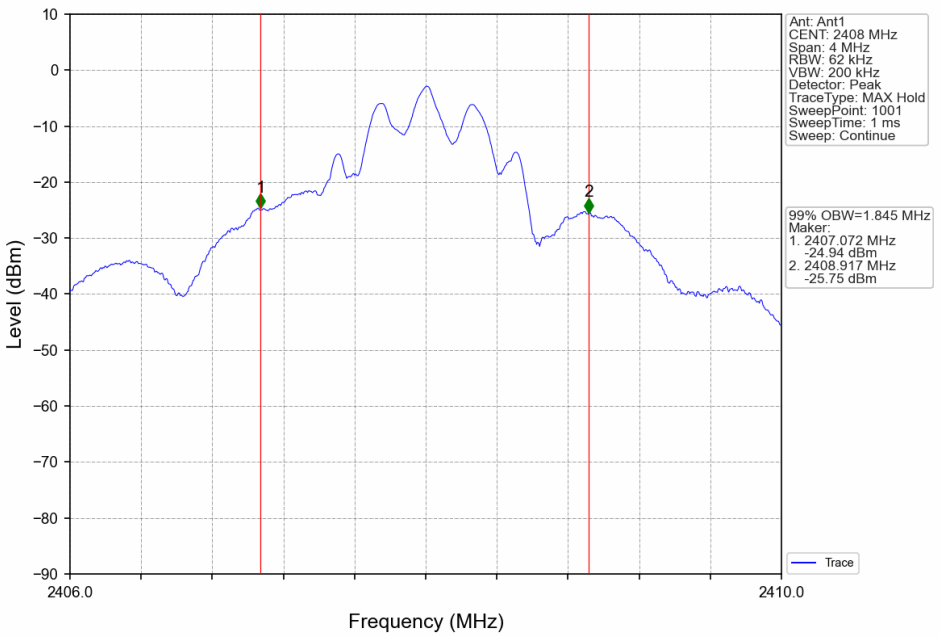
2.1 OBW

2.1.1 Test Result

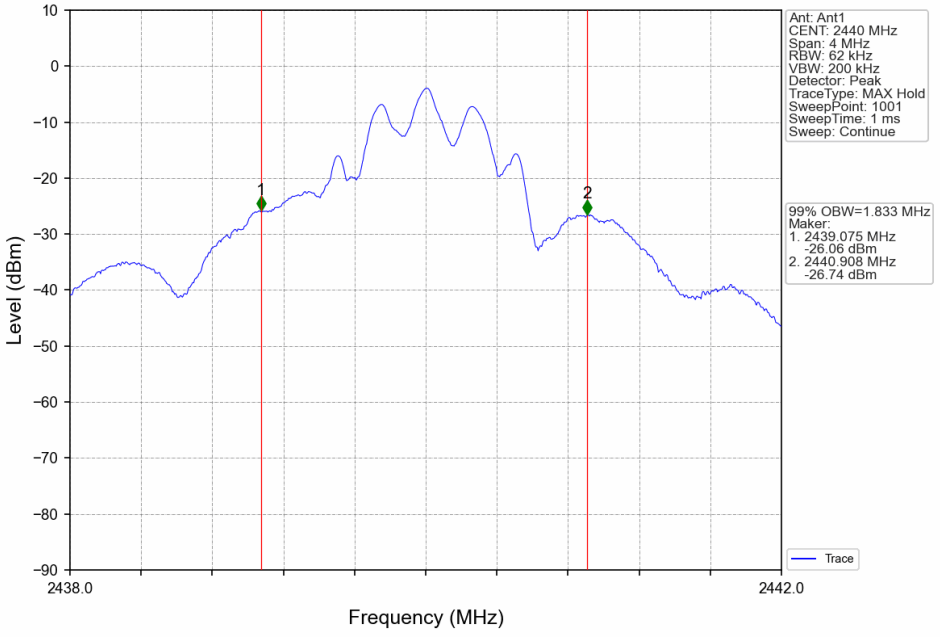
Mode	TX Type	Frequency (MHz)	ANT	99% Occupied Bandwidth (MHz)		Verdict
				Result	Limit	
2.4G	SISO	2408	1	1.845	/	Pass
		2440	1	1.833	/	Pass
		2474	1	1.827	/	Pass

2.1.2 Test Graph

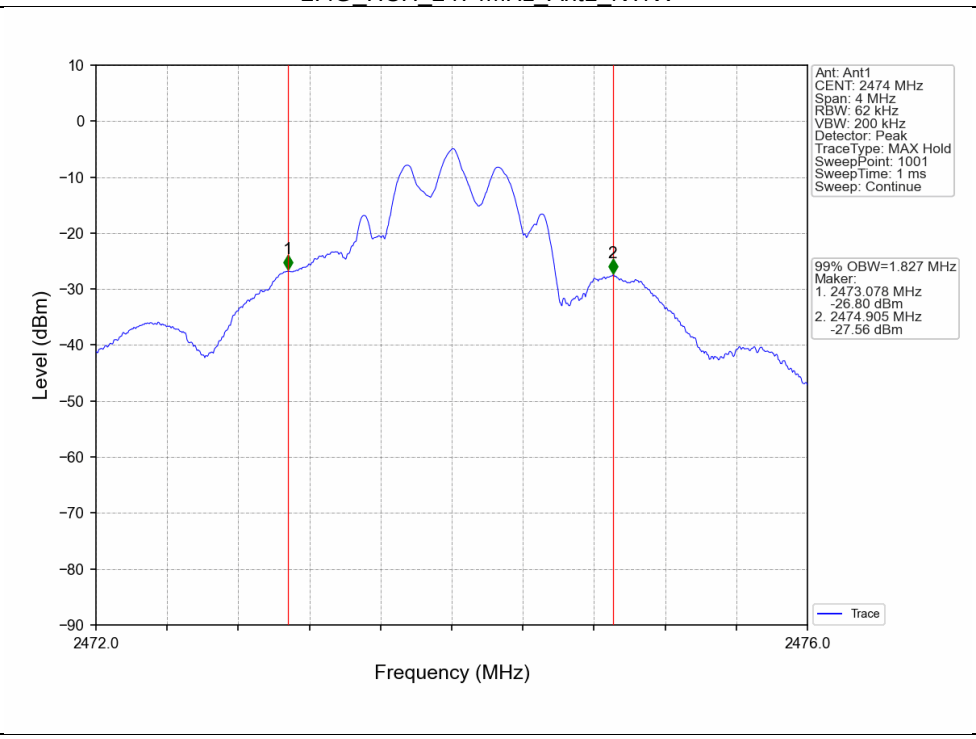
2.4G_LCH_2408MHz_Ant1_NTNV



2.4G_MCH_2440MHz_Ant1_NTNV



2.4G_HCH_2474MHz_Ant1_NTNV



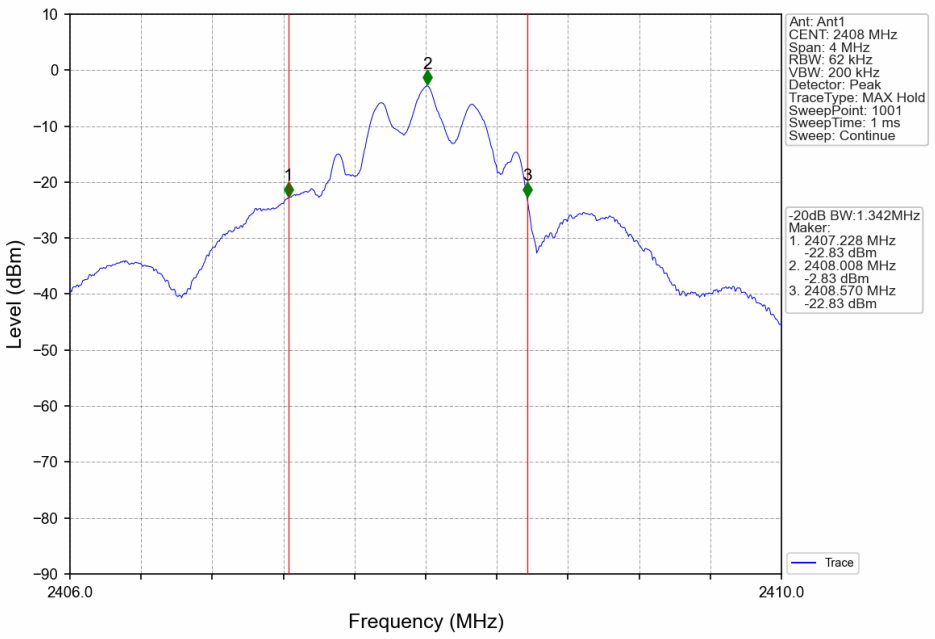
2.2 20dB BW

2.2.1 Test Result

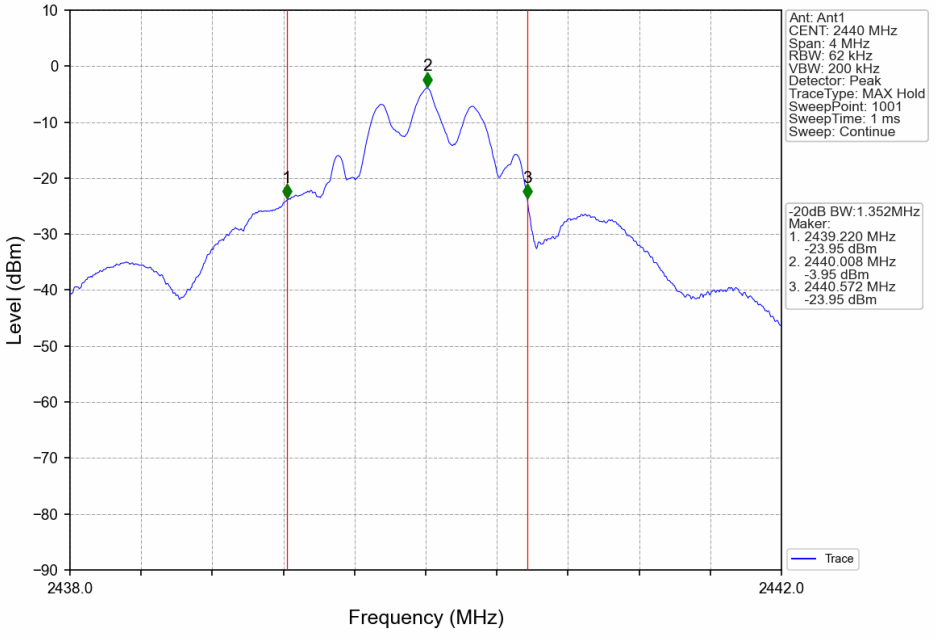
Mode	TX Type	Frequency (MHz)	ANT	20dB Bandwidth (MHz)		Verdict
				Result	Limit	
2.4G	SISO	2408	1	1.342	/	Pass
		2440	1	1.352	/	Pass
		2474	1	1.351	/	Pass

2.2.2 Test Graph

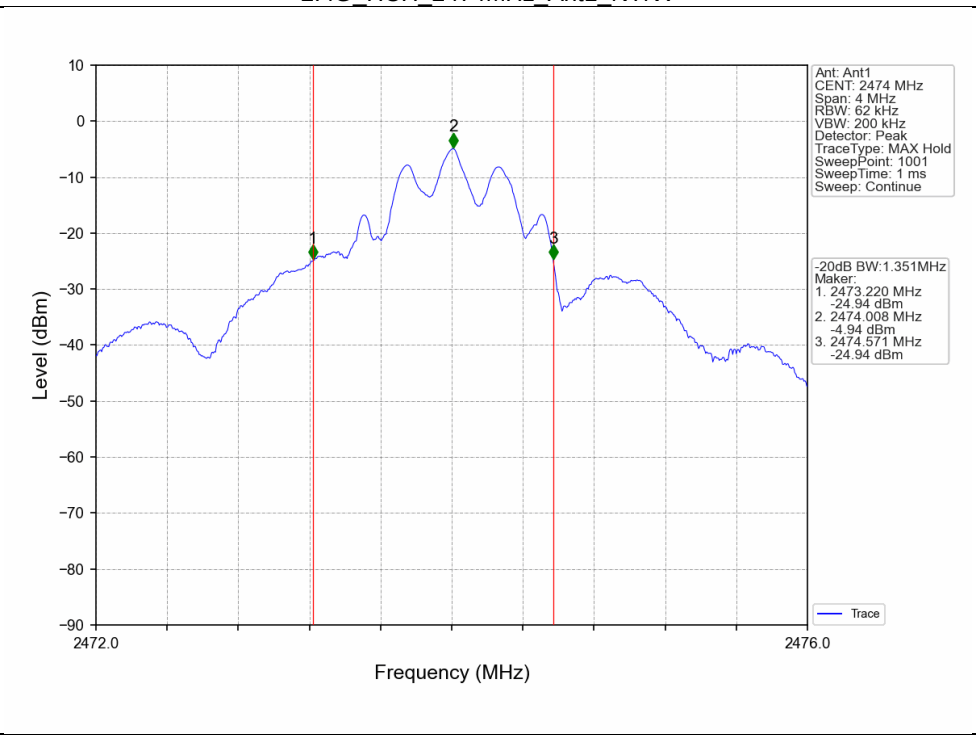
2.4G_LCH_2408MHz_Ant1_NTNV



2.4G_MCH_2440MHz_Ant1_NTNV



2.4G_HCH_2474MHz_Ant1_NTNV



3. Maximum Conducted Output Power

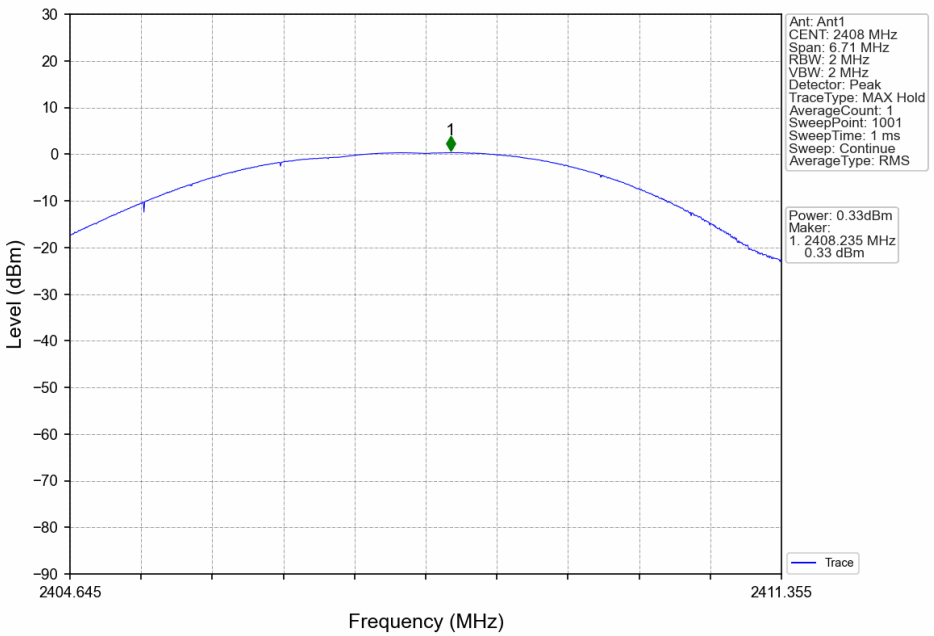
3.1 Power

3.1.1 Test Result

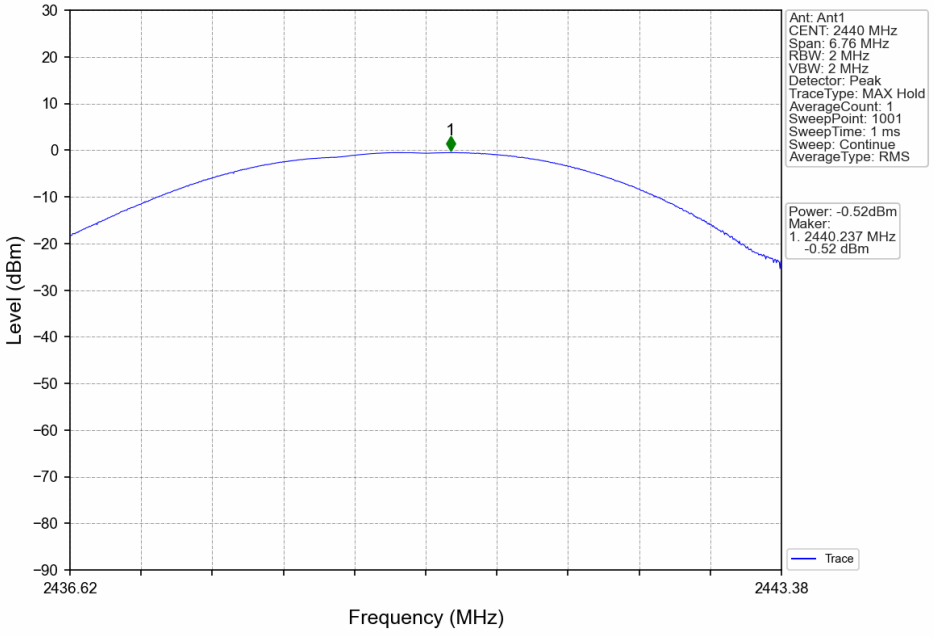
Mode	TX Type	Frequency (MHz)	Maximum Peak Conducted Output Power (dBm)		Verdict
			ANT1	Limit	
2.4G	SISO	2408	0.33	<=20.97	Pass
		2440	-0.52	<=20.97	Pass
		2474	-1.44	<=20.97	Pass
Note1: Antenna Gain: Ant1: -5.0968dBi;					

3.1.2 Test Graph

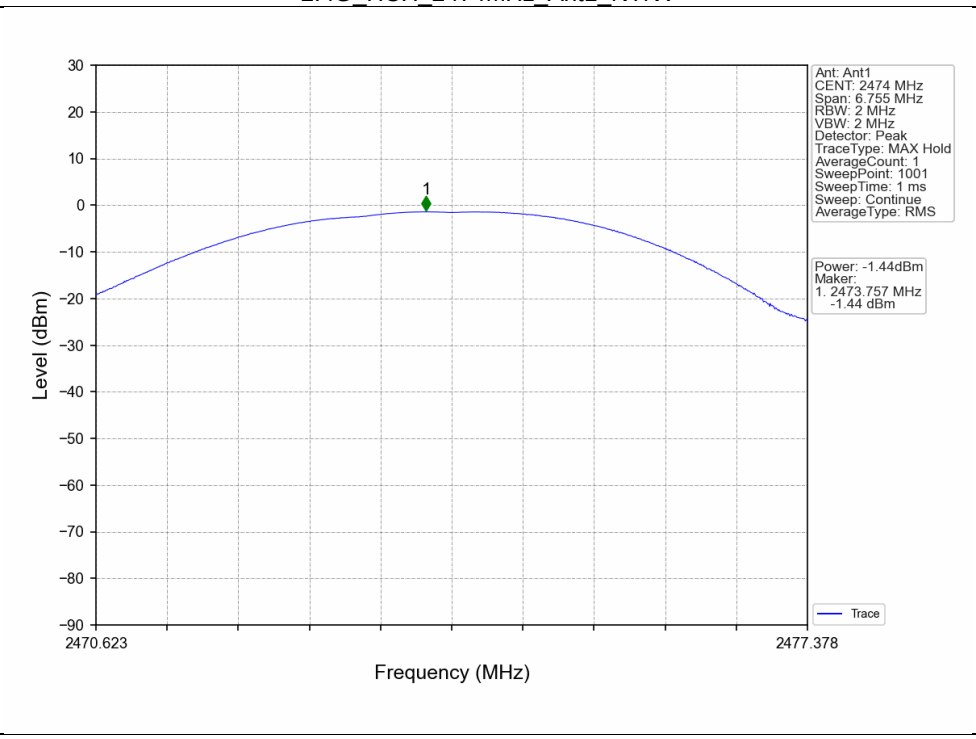
2.4G_LCH_2408MHz_Ant1_NTNV



2.4G_MCH_2440MHz_Ant1_NTNV



2.4G_HCH_2474MHz_Ant1_NTNV



4. Carrier Frequency Separation

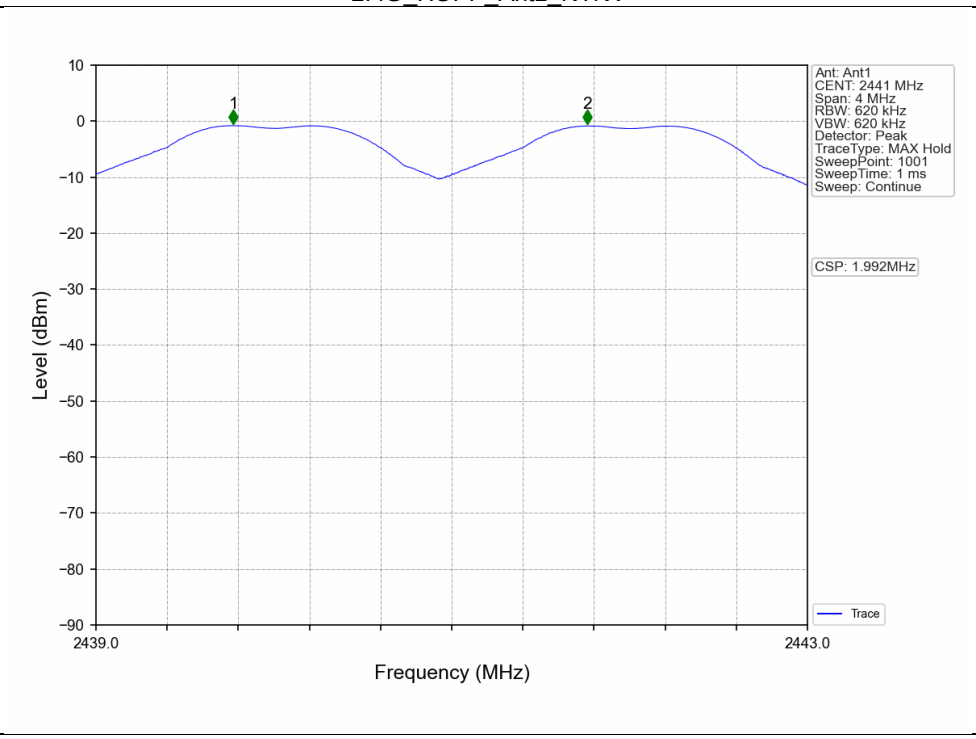
4.1 Ant1

4.1.1 Test Result

Ant1						
Mode	TX Type	Frequency (MHz)	Channel Separation (MHz)	20dB Bandwidth (MHz)	Limit (MHz)	Verdict
2.4G	SISO	HOPP	1.992	1.352	>=1.352	Pass

4.1.2 Test Graph

2.4G_HOPP_Ant1_NTNV



5. Number of Hopping Frequencies

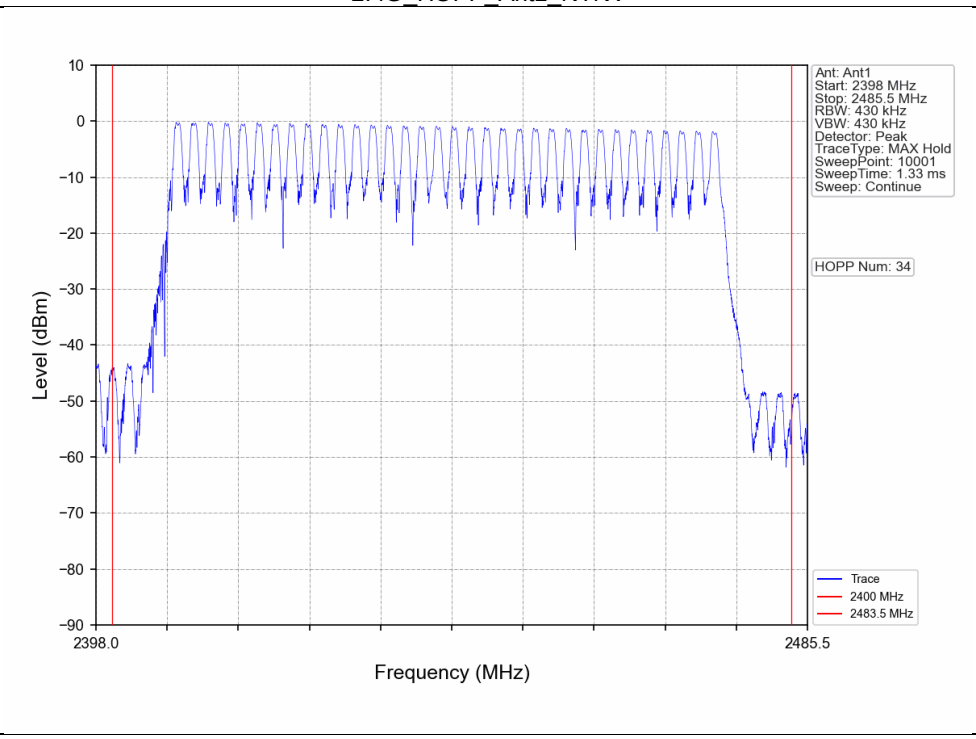
5.1 HoppNum

5.1.1 Test Result

Mode	TX Type	Frequency (MHz)	Num of Hopping Frequencies		Verdict
			ANT1	Limit	
2.4G	SISO	HOPP	34	>=15	Pass

5.1.2 Test Graph

2.4G_HOPP_Ant1_NTNV



6. Time of Occupancy (Dwell Time)

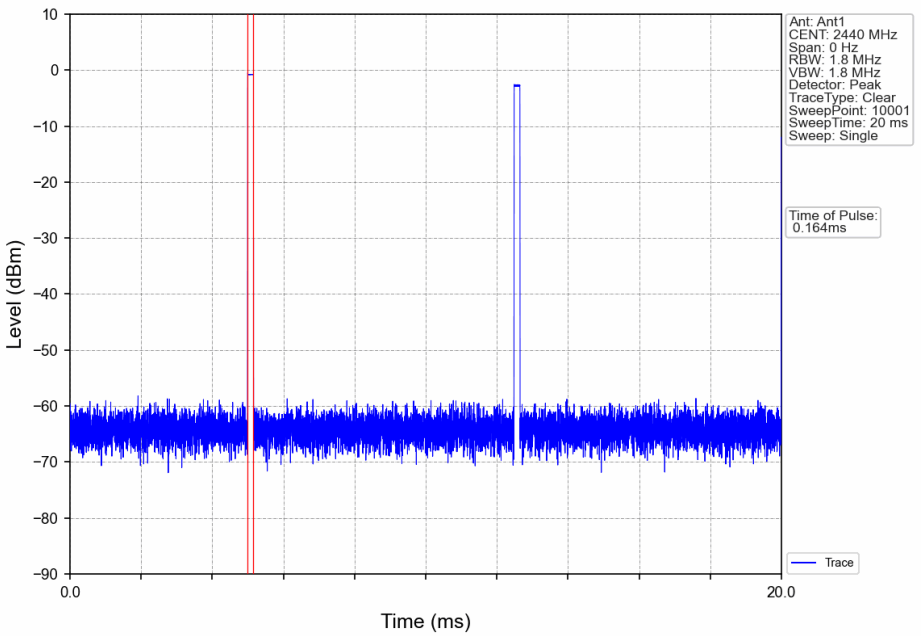
6.1 Ant1

6.1.1 Test Result

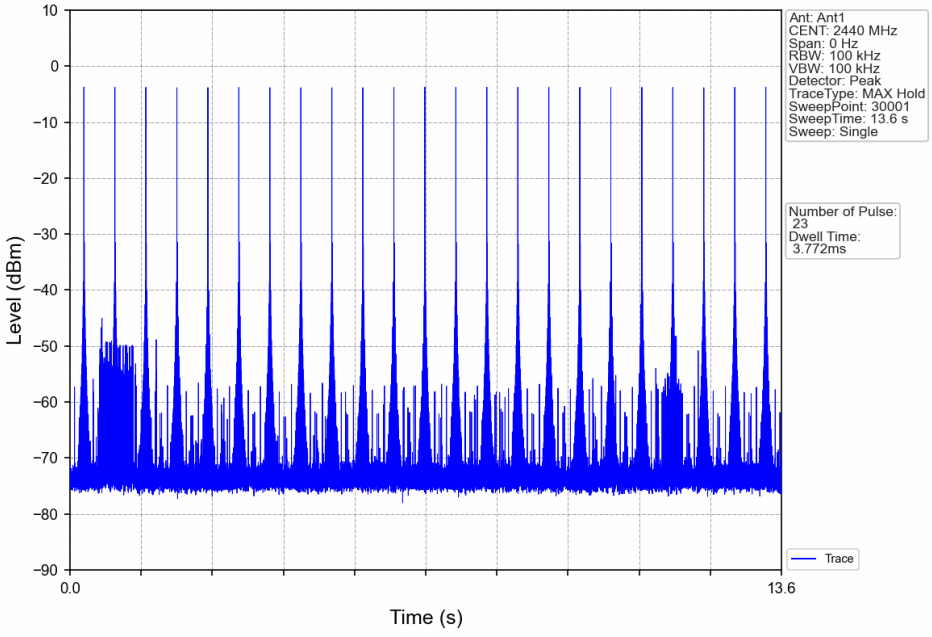
Ant1								
Mode	TX Type	Frequency (MHz)	Duration of Single Pulse (ms)	Observation Period (s)	Num of Pulse in Observation Period	Dwell Time (ms)	Limit (ms)	Verdict
2.4G	SISO	HOPP	0.164	13.600	23	3.772	<=400	Pass

6.1.2 Test Graph

2.4G_HOPP_Ant1_NTNV



2.4G_HOPP_Ant1_NTNV



7. Unwanted Emissions In Non-restricted Frequency Bands

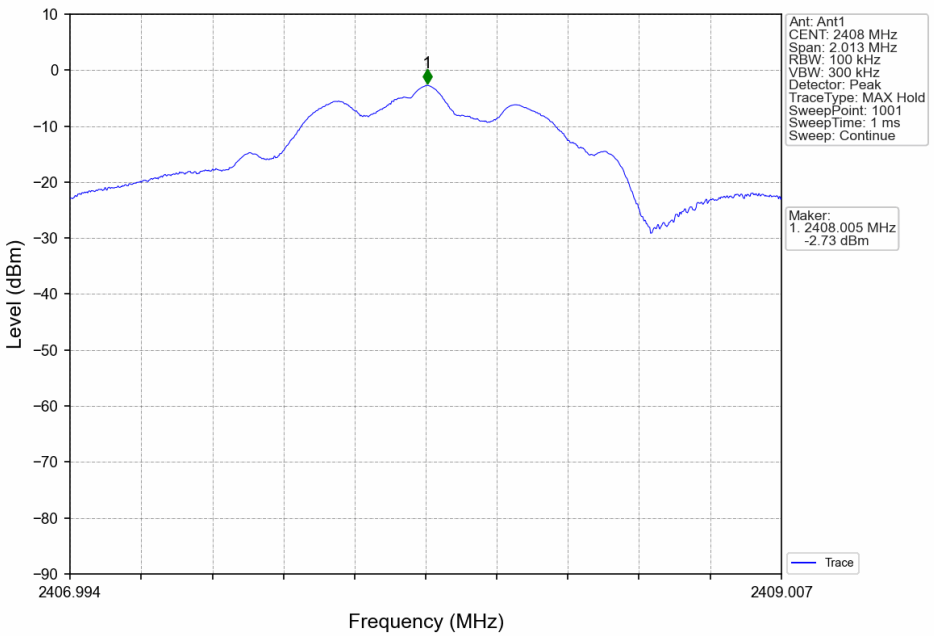
7.1 Ref

7.1.1 Test Result

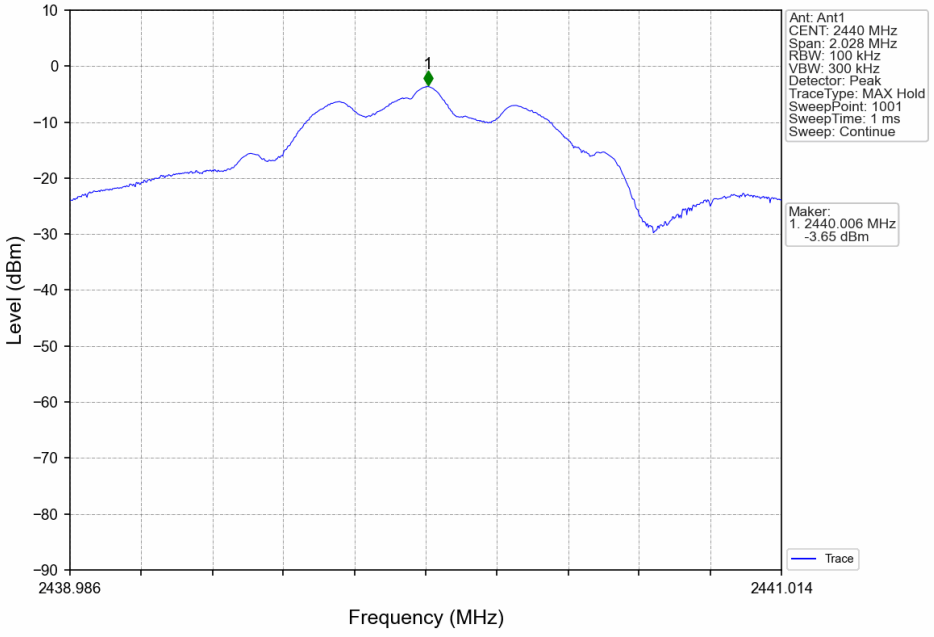
Mode	TX Type	Frequency (MHz)	ANT	Level of Reference (dBm)
2.4G	SISO	2408	1	-2.73
		2440	1	-3.65
		2474	1	-4.63
		HOPP	1	-2.86
				-2.86
Note1: Refer to FCC Part 15.247 (d) and ANSI C63.10-2013, the channel contains the maximum PSD level was used to establish the reference level.				

7.1.2 Test Graph

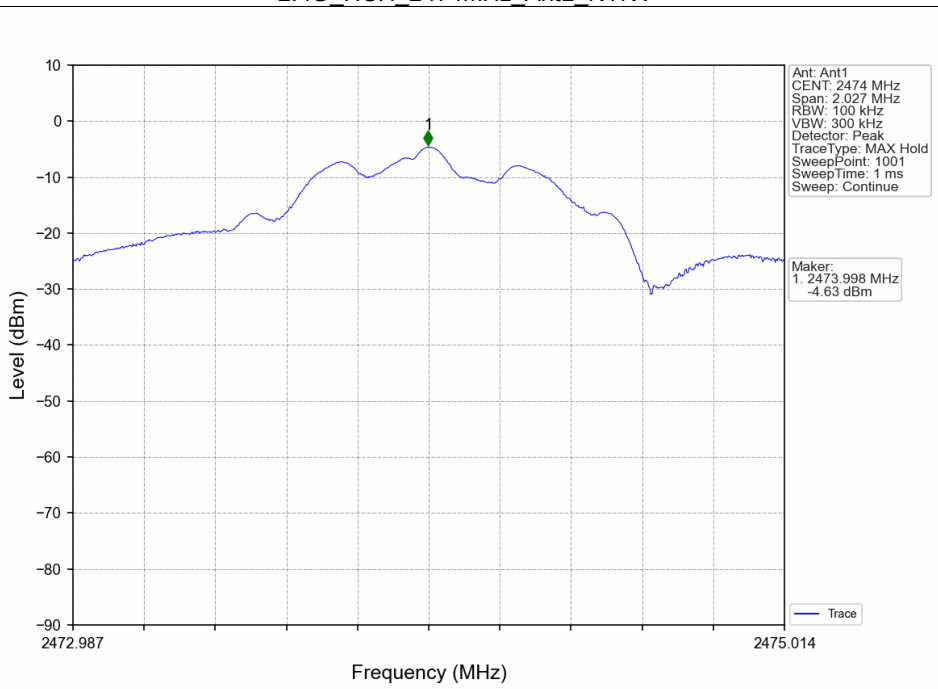
2.4G_LCH_2408MHz_Ant1_NTNV



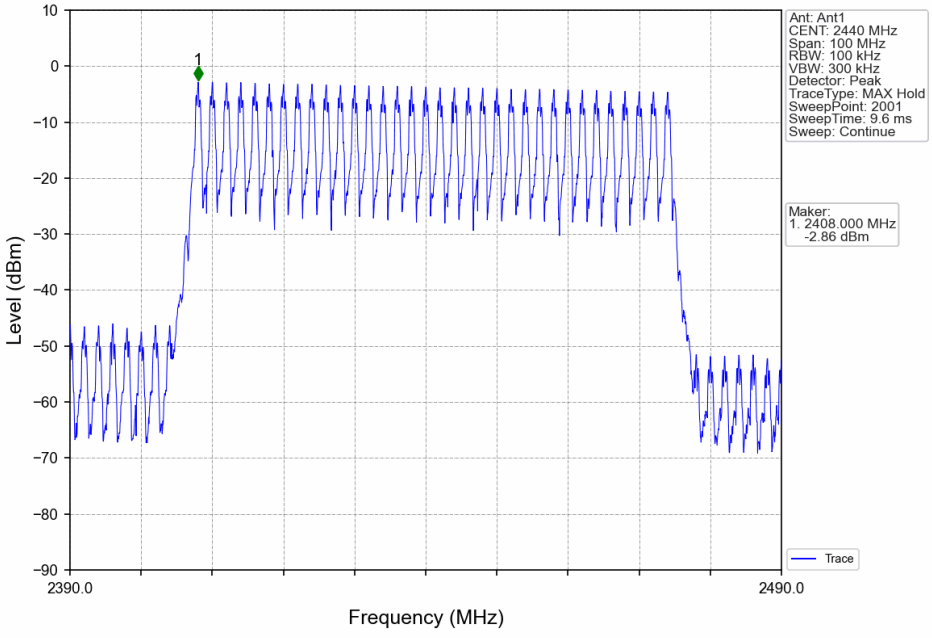
2.4G_MCH_2440MHz_Ant1_NTNV



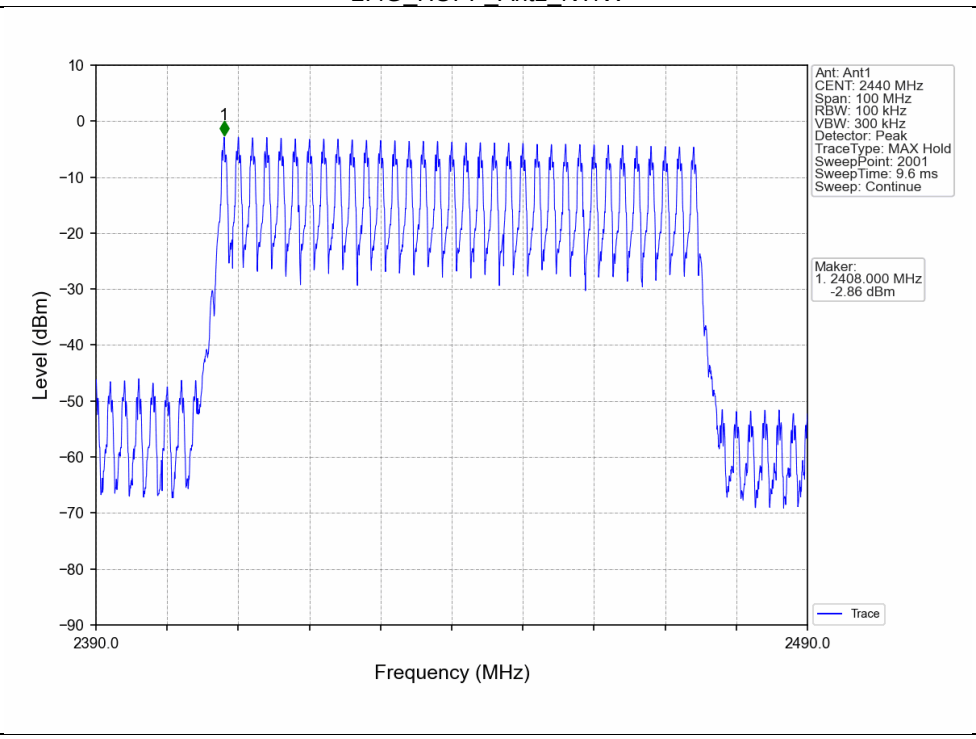
2.4G_HCH_2474MHz_Ant1_NTNV



2.4G_HOPP_Ant1_NTNV



2.4G_HOPP_Ant1_NTNV



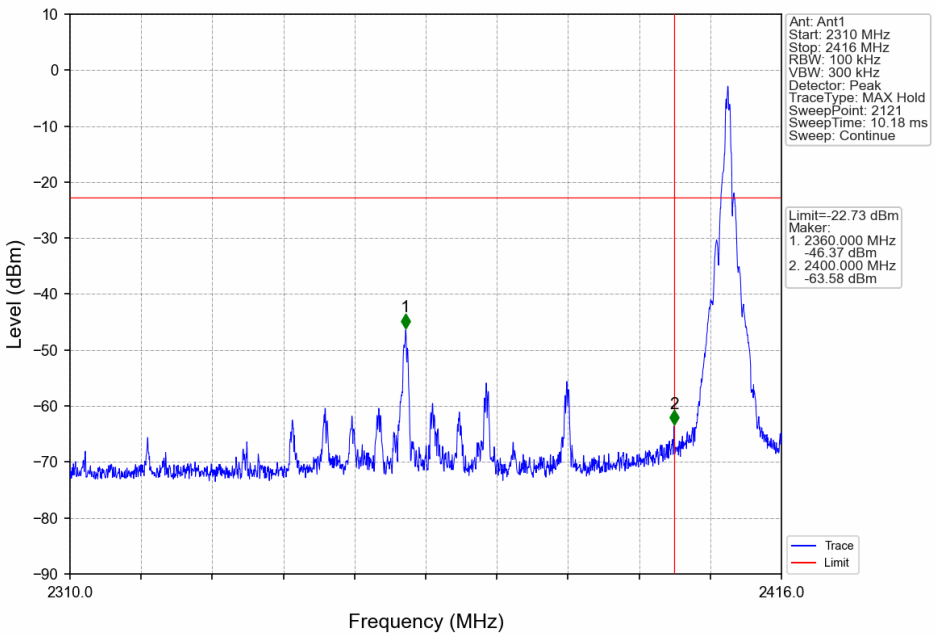
7.2 CSE

7.2.1 Test Result

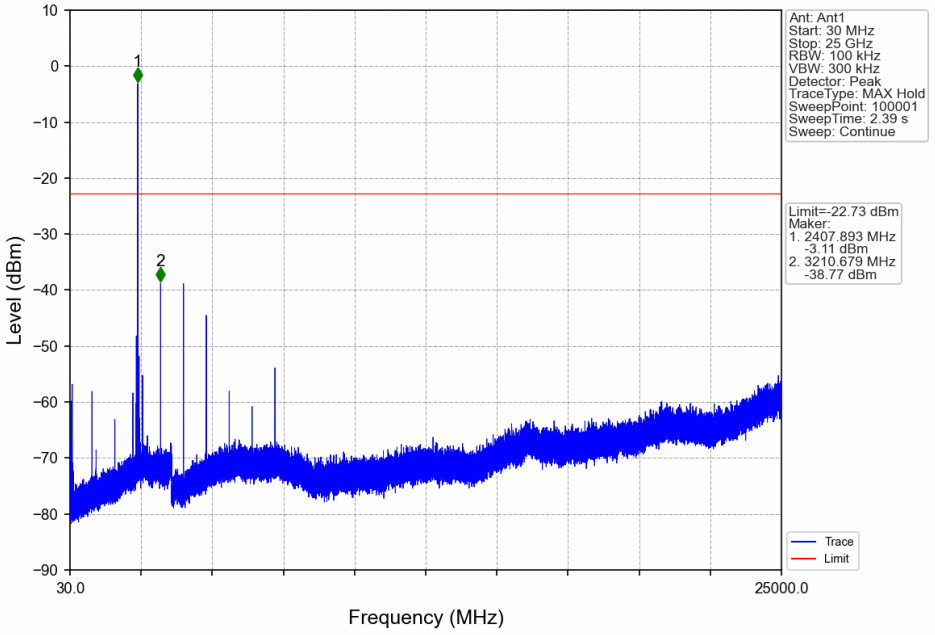
Mode	TX Type	Frequency (MHz)	ANT	Level of Reference (dBm)	Limit (dBm)	Verdict
2.4G	SISO	2408	1	-2.73	-22.73	Pass
		2440	1	-3.65	-23.65	Pass
		2474	1	-4.63	-24.63	Pass
		HOPP	1	-2.86	-22.86	Pass
				-2.86	-22.86	Pass
Note1: Refer to FCC Part 15.247 (d) and ANSI C63.10-2013, the channel contains the maximum PSD level was used to establish the reference level.						

7.2.2 Test Graph

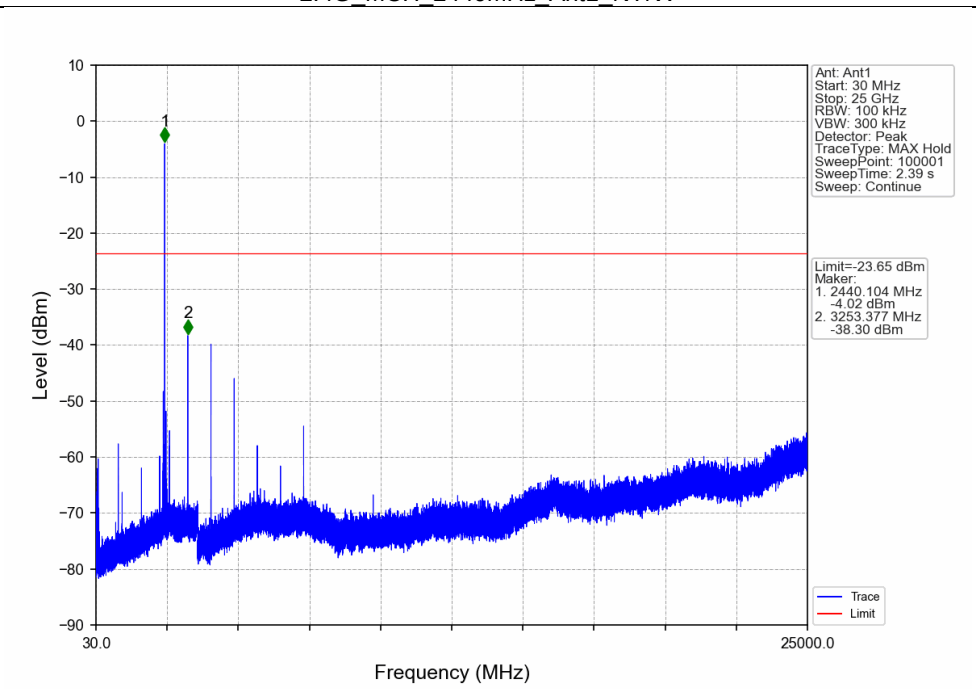
2.4G_LCH_2408MHz_Ant1_NTNV



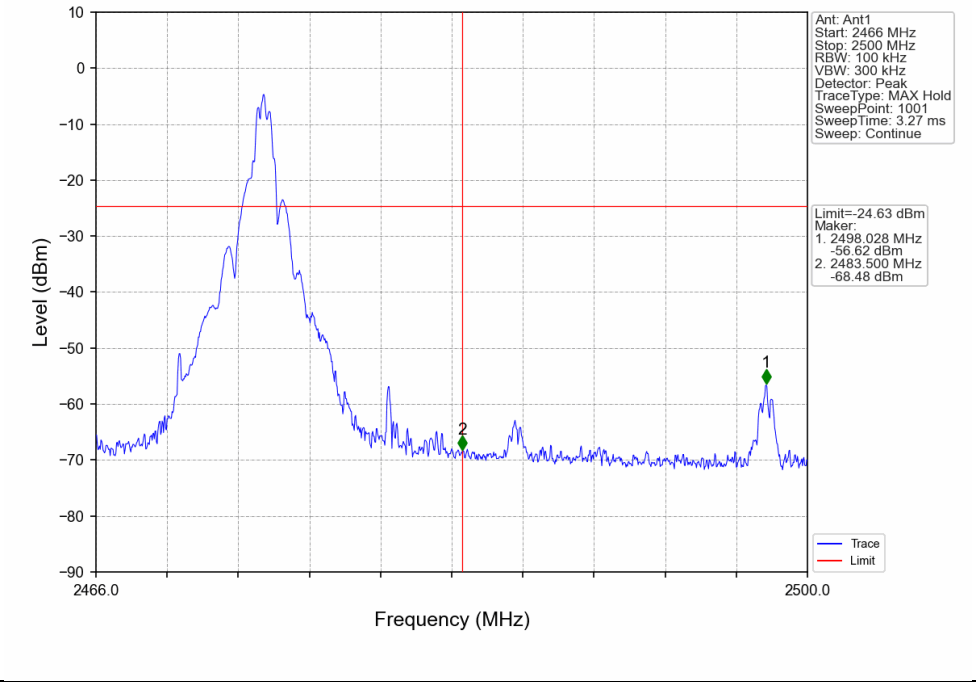
2.4G_LCH_2408MHz_Ant1_NTNV



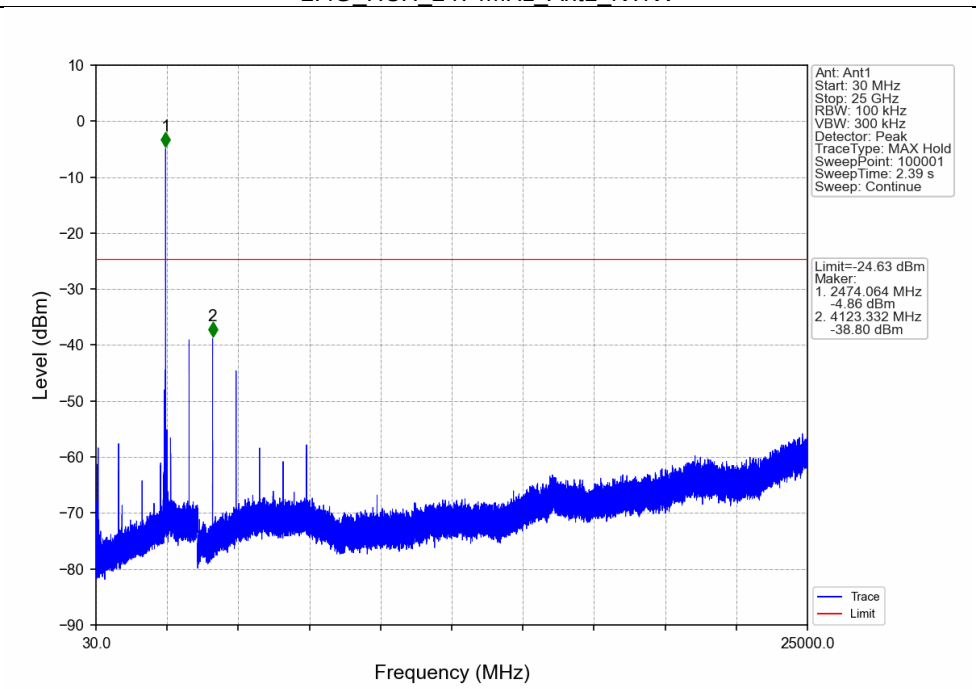
2.4G_MCH_2440MHz_Ant1_NTNV



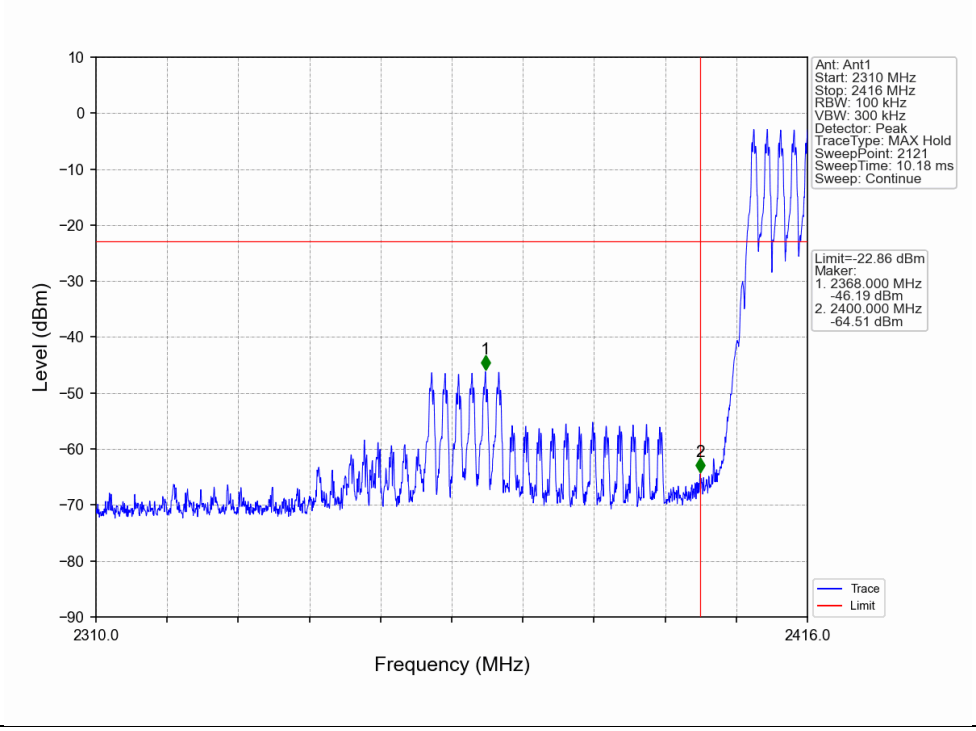
2.4G_HCH_2474MHz_Ant1_NTNV



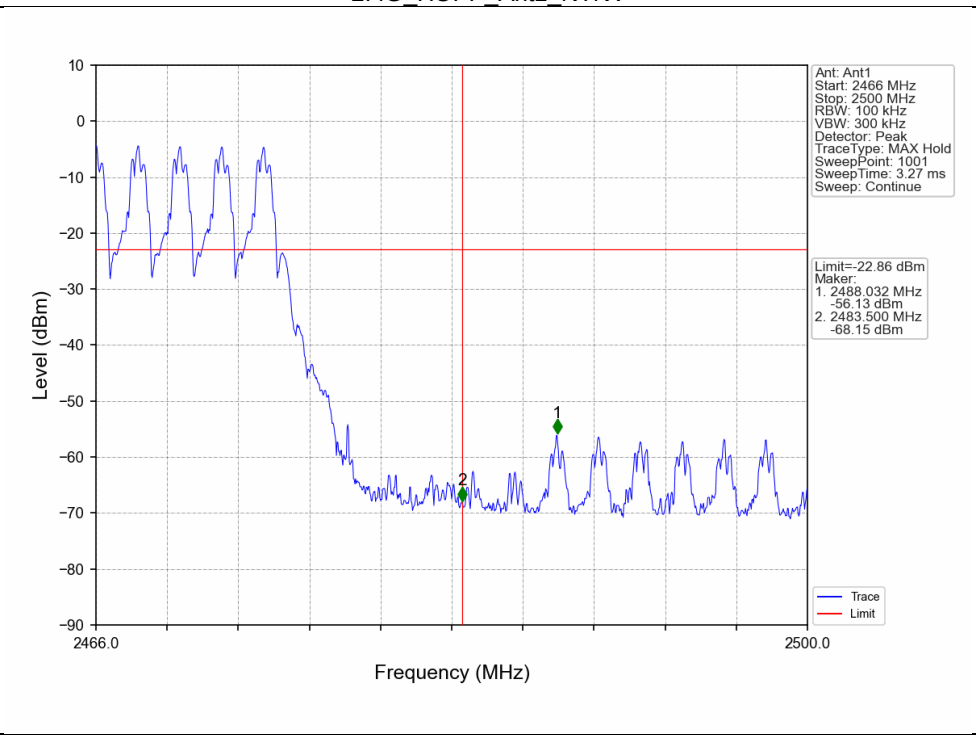
2.4G_HCH_2474MHz_Ant1_NTNV



2.4G_HOPP_Ant1_NTNV



2.4G_HOPP_Ant1_NTNV



8. Form731

8.1 Form731

8.1.1 Test Result

Lower Freq (MHz)	High Freq (MHz)	MAX Power (W)	MAX Power (dBm)
2408	2474	0.0011	0.33