

### 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	
802.11b	SISO	2412	15.06	<=30	Pass
		2437	15.12	<=30	Pass
		2462	15.13	<=30	Pass
802.11g	SISO	2412	18.21	<=30	Pass
		2437	18.18	<=30	Pass
		2462	18.49	<=30	Pass
802.11n (HT20)	SISO	2412	17.97	<=30	Pass
		2437	18.23	<=30	Pass
		2462	18.18	<=30	Pass
802.11n (HT40)	SISO	2422	18.94	<=30	Pass
		2437	17.84	<=30	Pass
		2452	17.90	<=30	Pass

Note1: Antenna Gain: Ant1: 0.30dBi;

### 4. Maximum Power Spectral Density

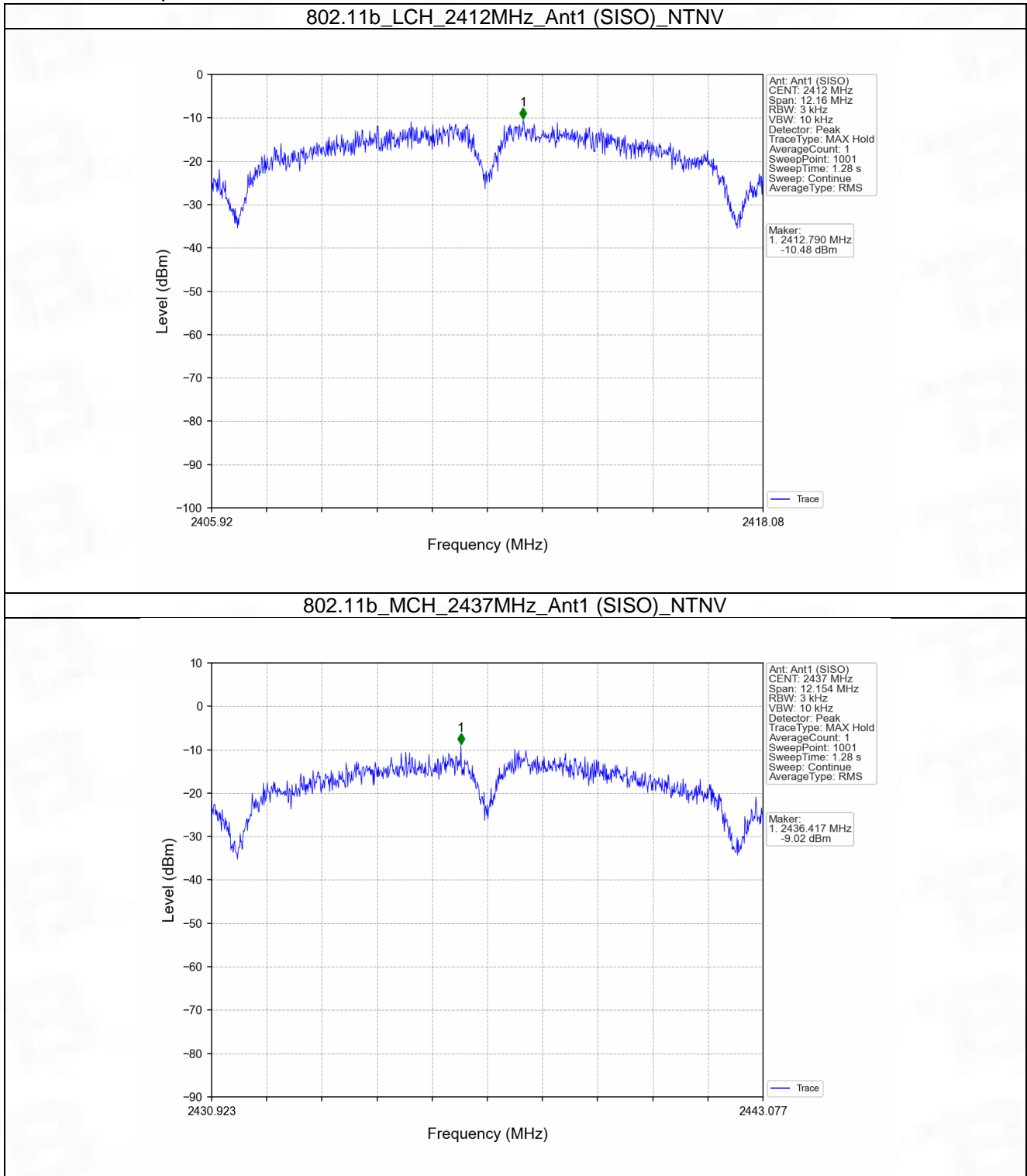
#### 4.1 PSD

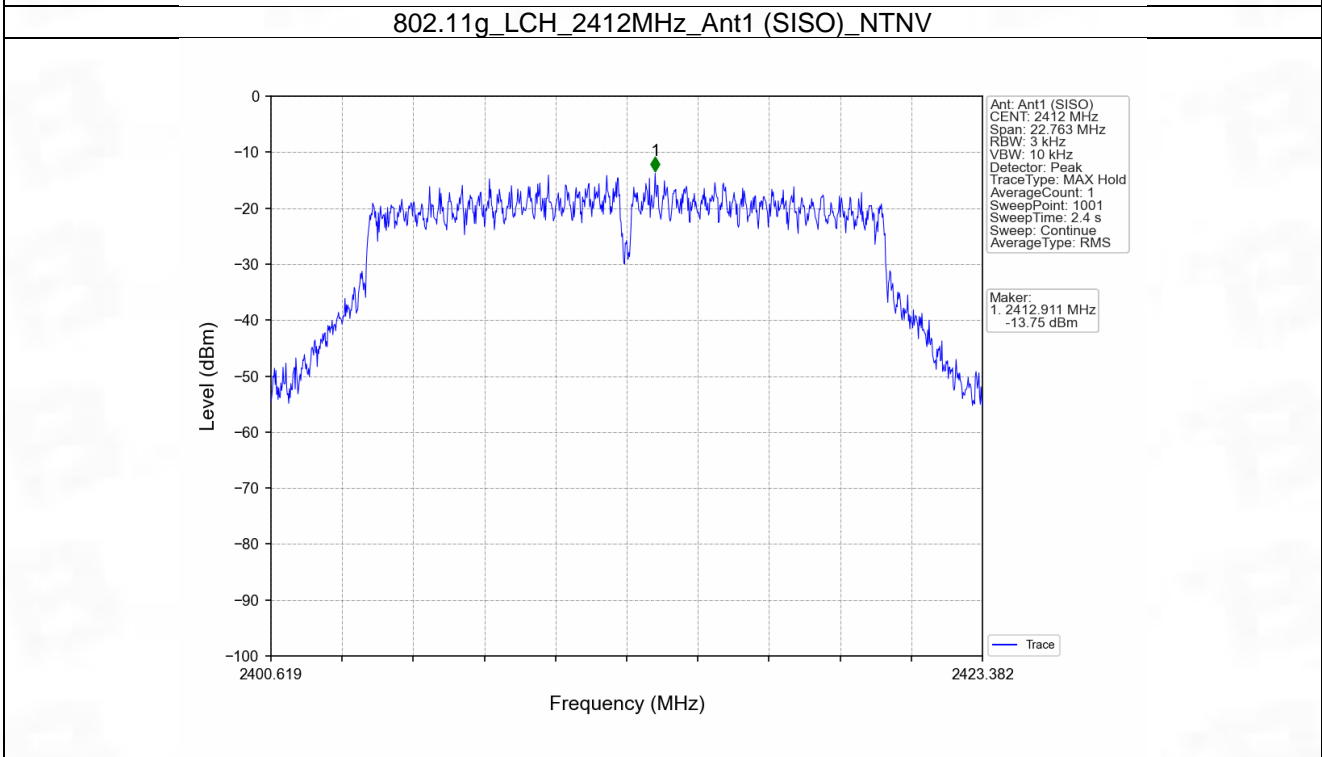
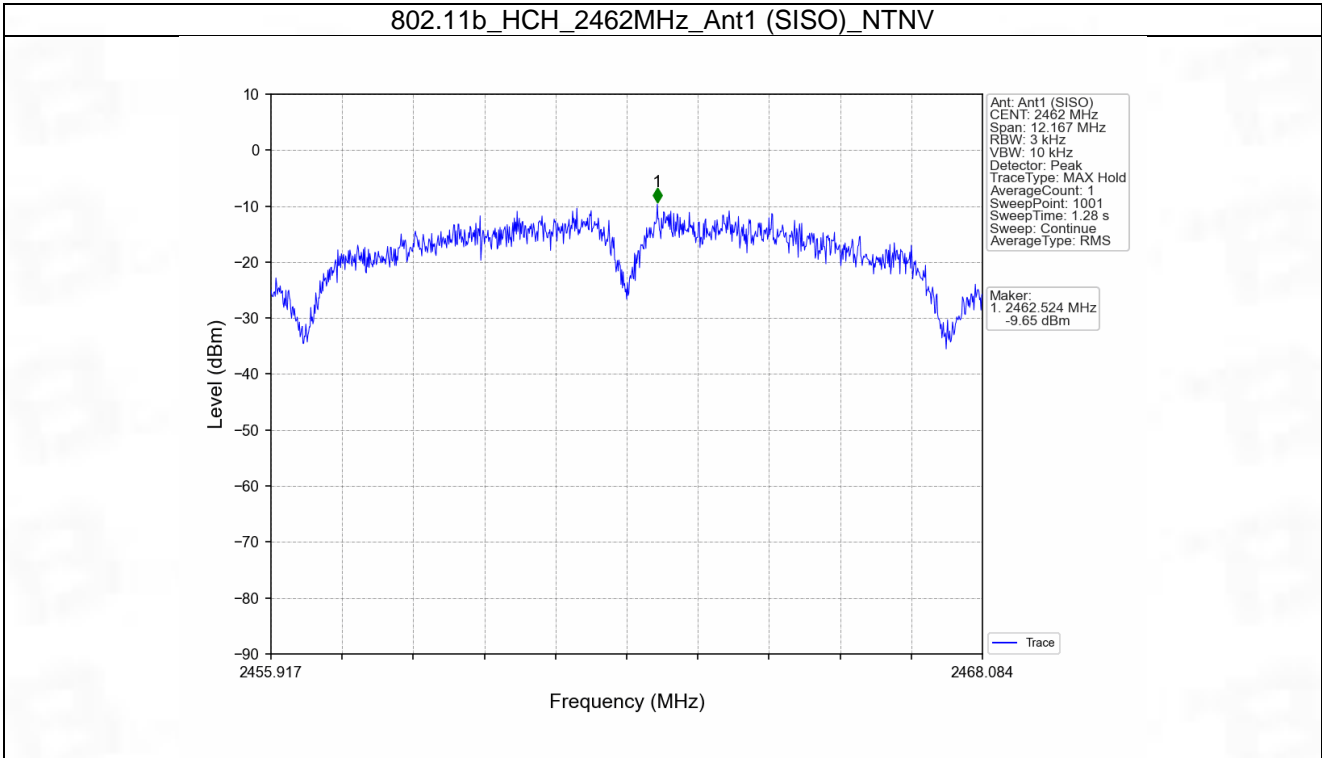
##### 4.1.1 Test Result

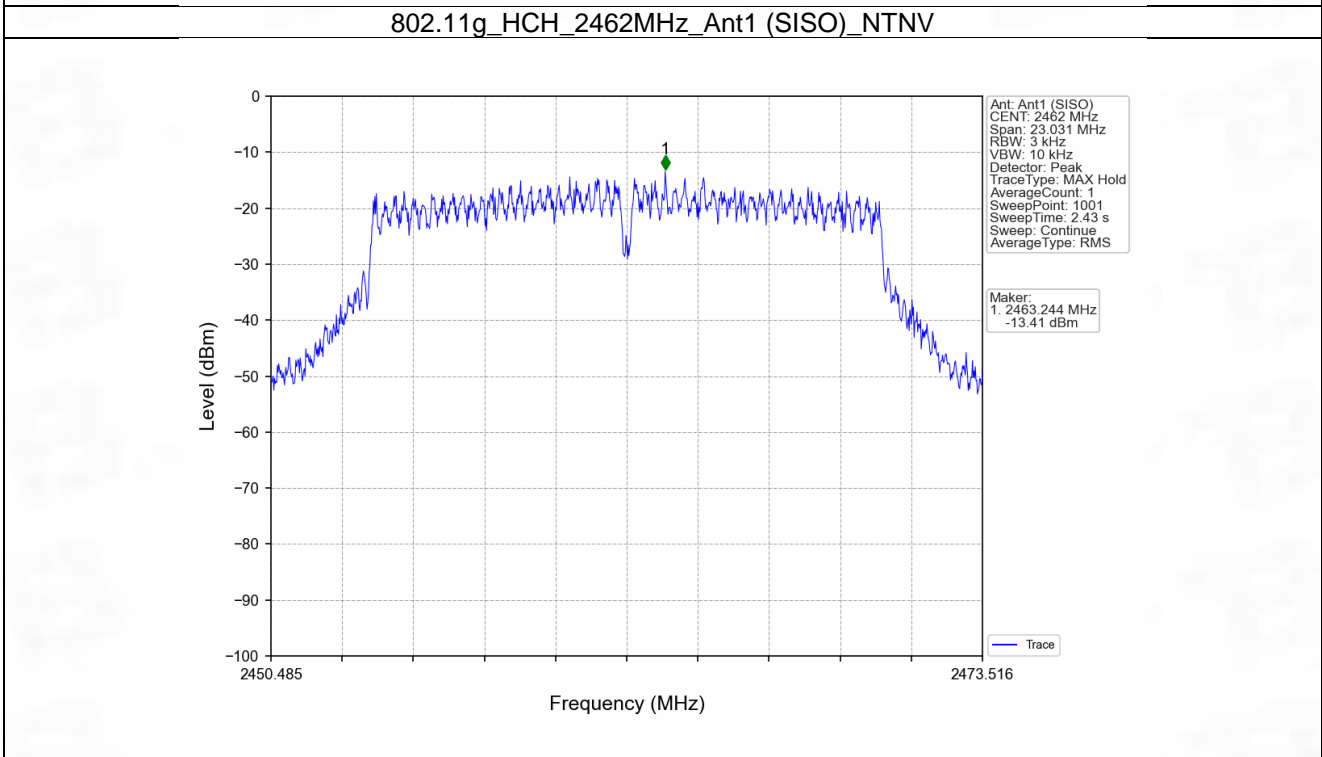
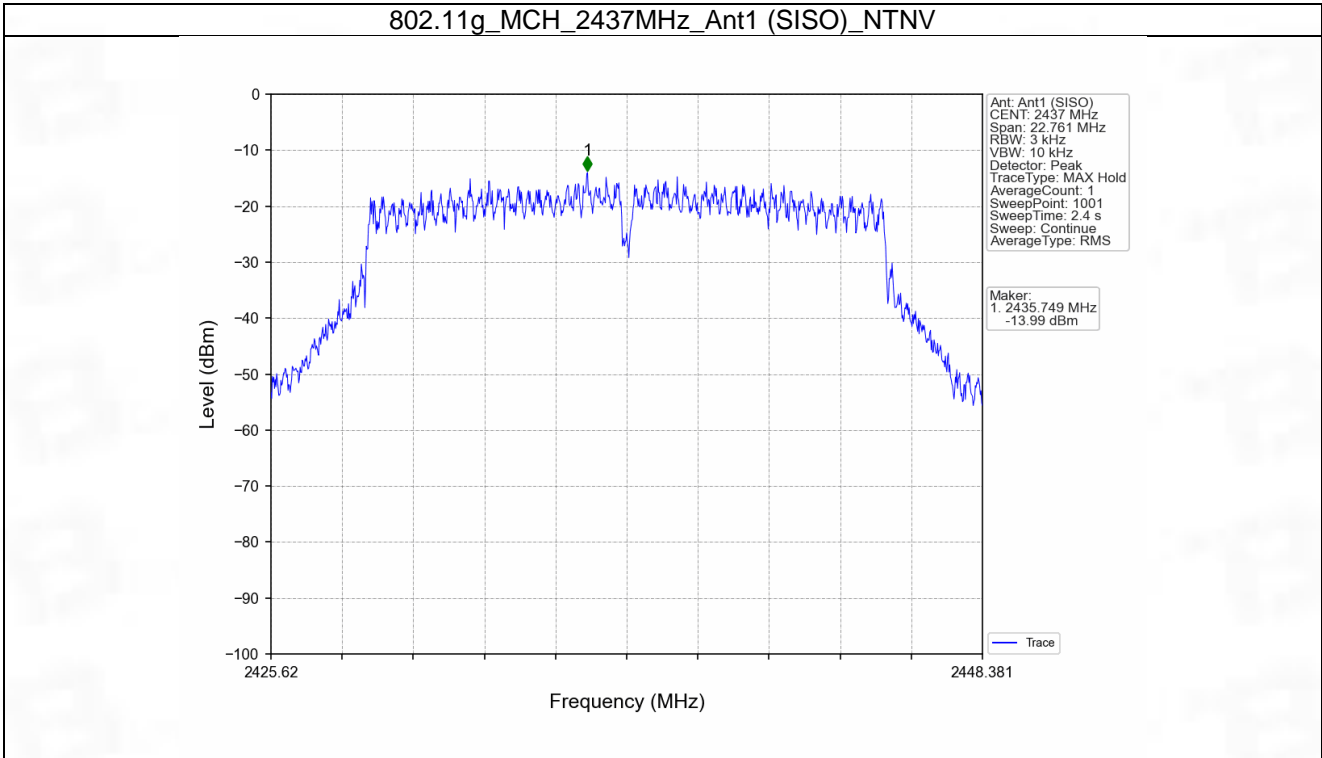
Mode	TX Type	Frequency (MHz)	Maximum PSD (dBm/3kHz)		Verdict
			ANT1	Limit	
802.11b	SISO	2412	-10.48	<=8	Pass
		2437	-9.02	<=8	Pass
		2462	-9.65	<=8	Pass
802.11g	SISO	2412	-13.75	<=8	Pass
		2437	-13.99	<=8	Pass
		2462	-13.41	<=8	Pass
802.11n (HT20)	SISO	2412	-14.76	<=8	Pass
		2437	-14.19	<=8	Pass
		2462	-14.70	<=8	Pass
802.11n (HT40)	SISO	2422	-17.01	<=8	Pass
		2437	-17.62	<=8	Pass
		2452	-17.69	<=8	Pass

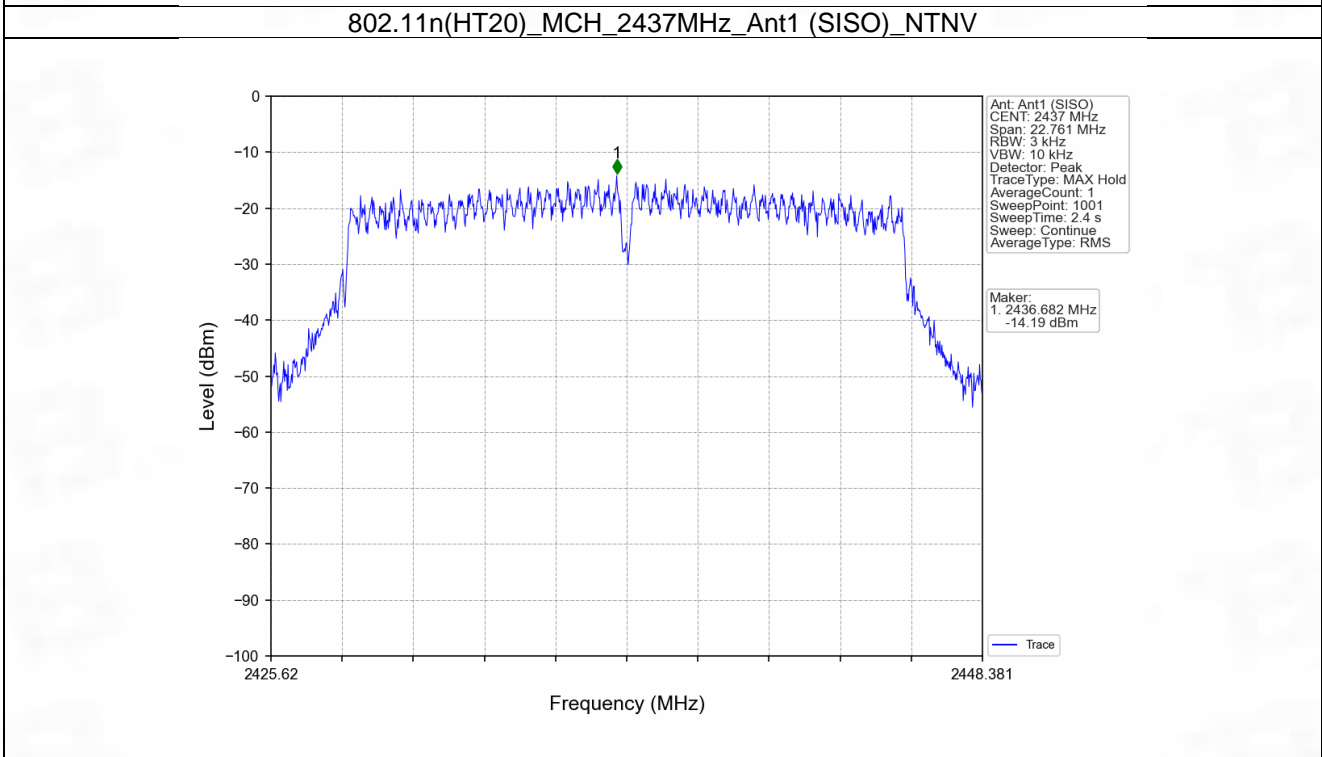
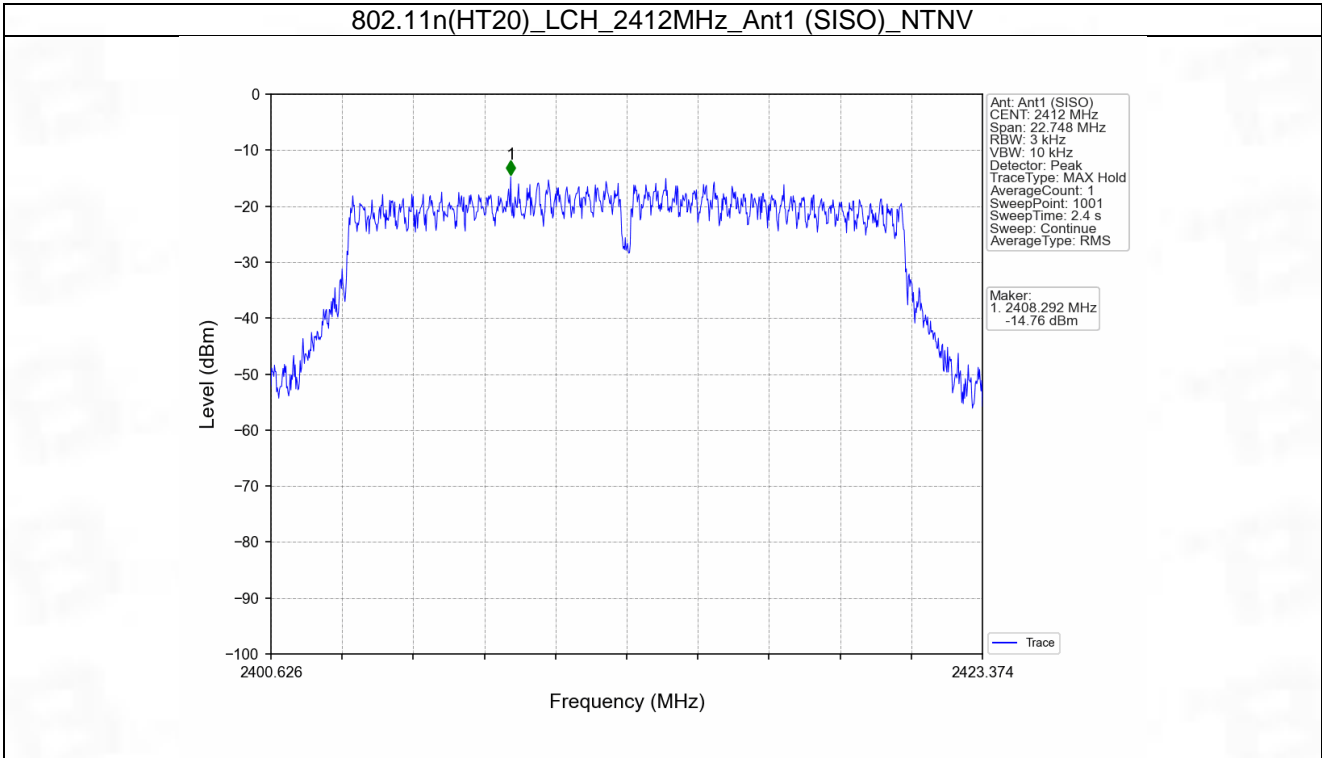
Note1: Antenna Gain: Ant1: 0.30dBi;

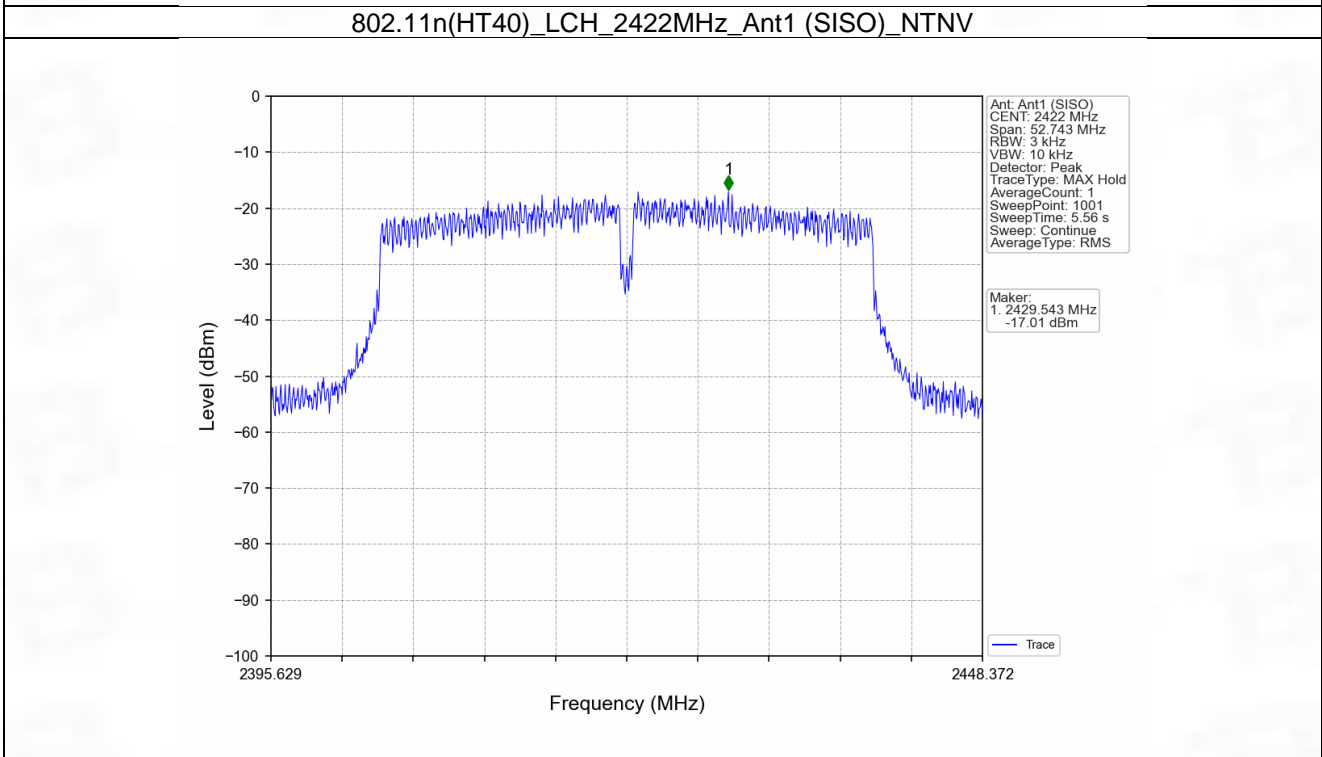
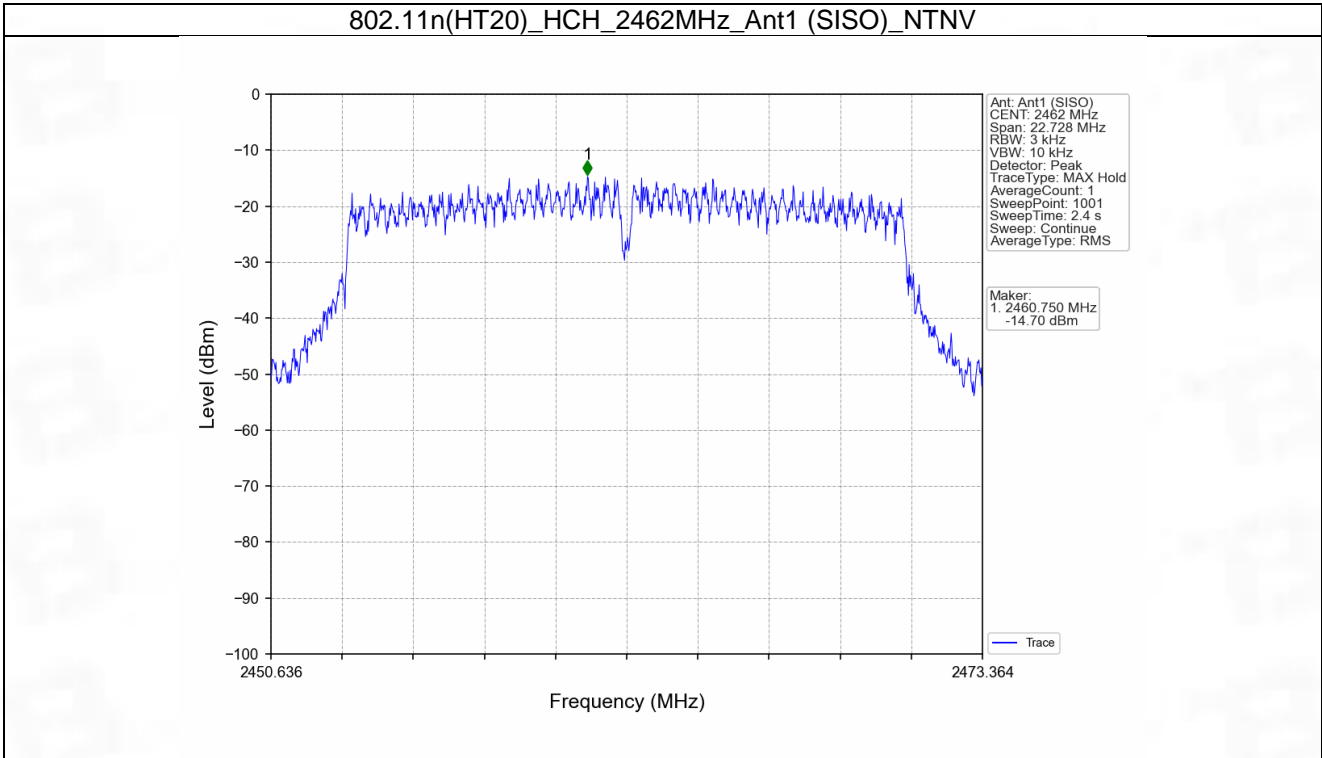
### 4.1.2 Test Graph



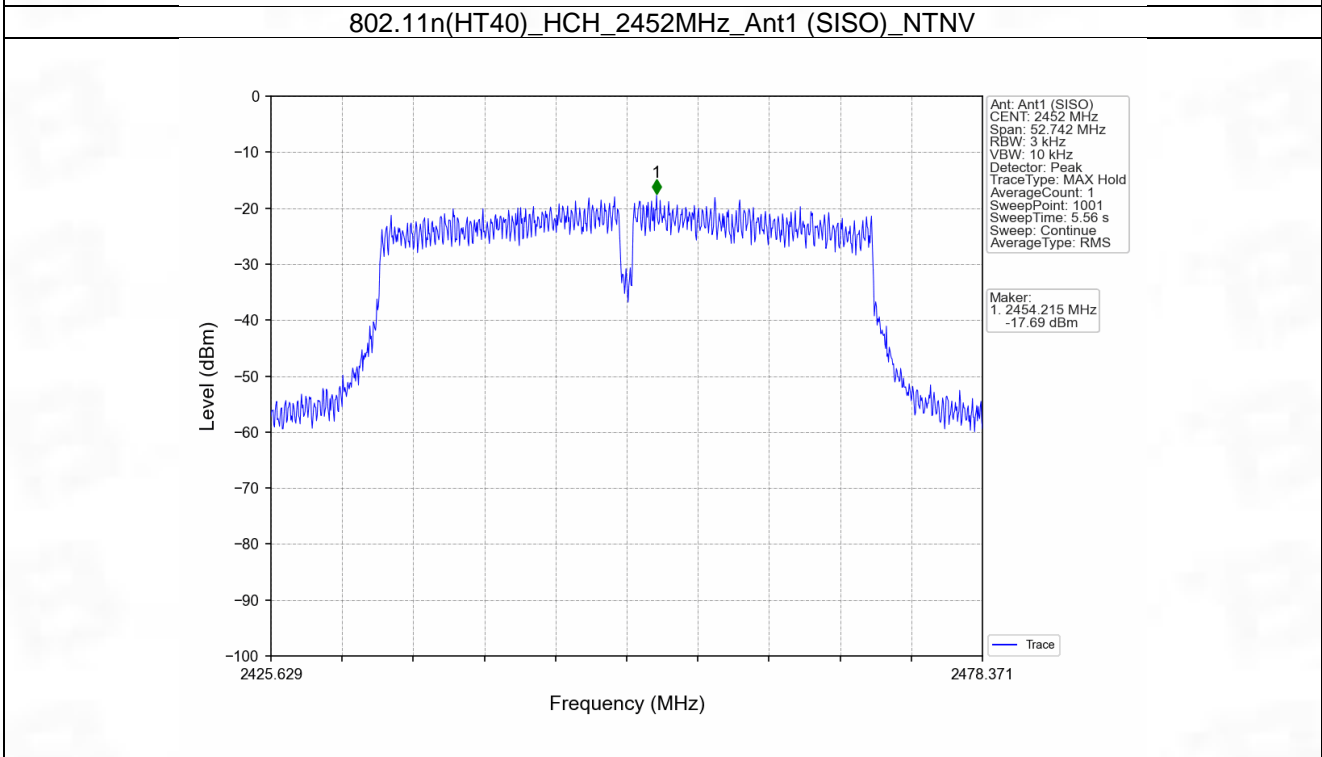
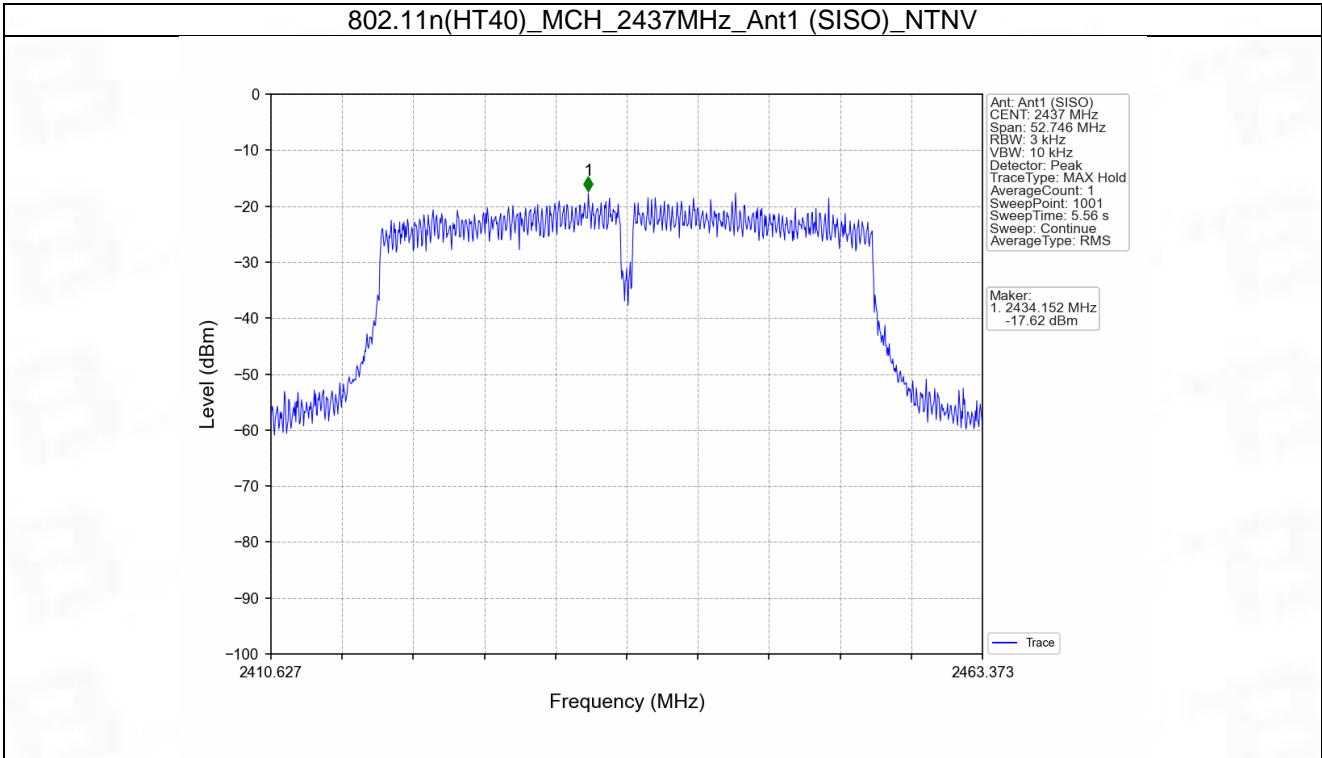












## 5. Unwanted Emissions In Non-restricted Frequency Bands

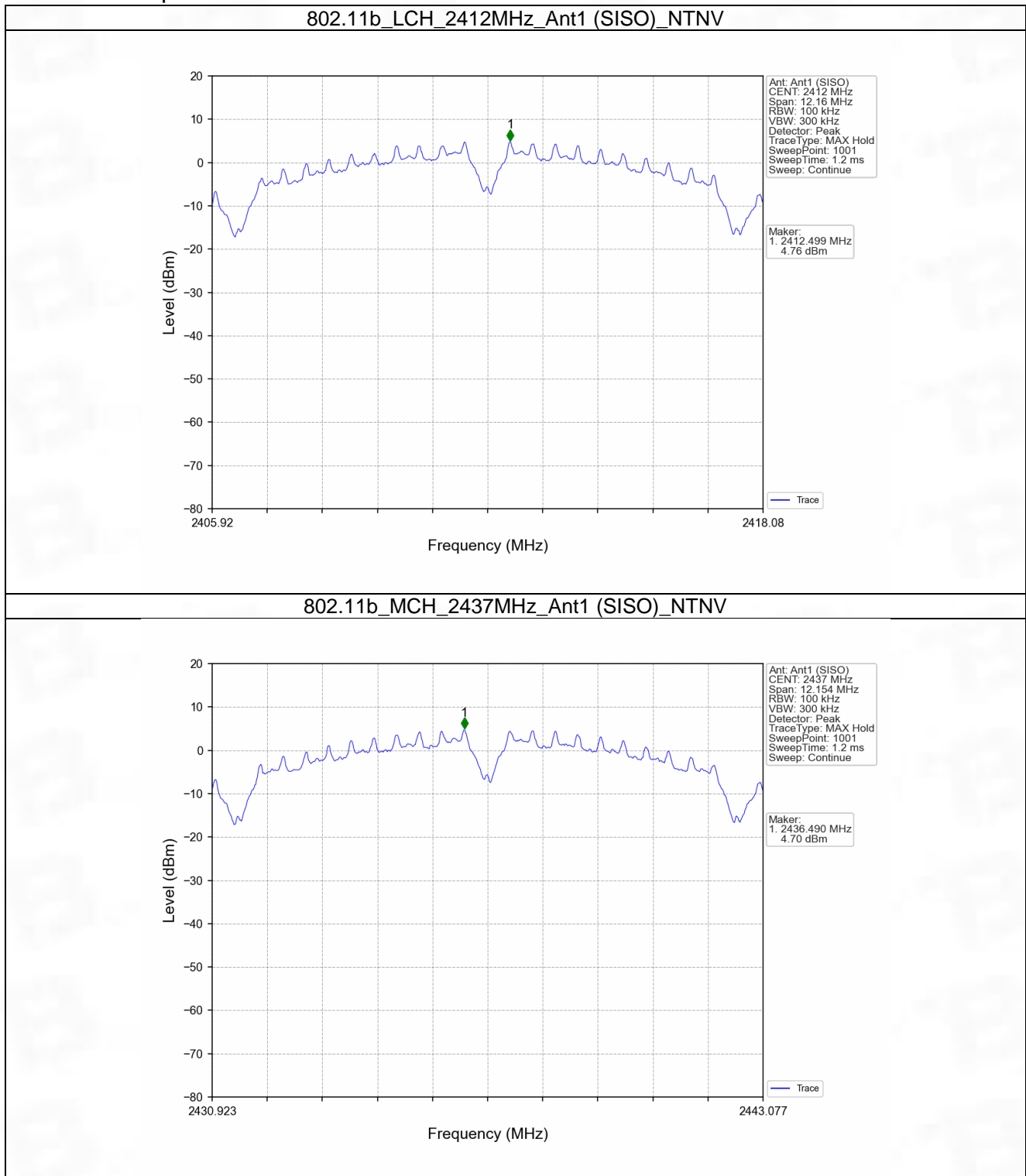
### 5.1 Ref

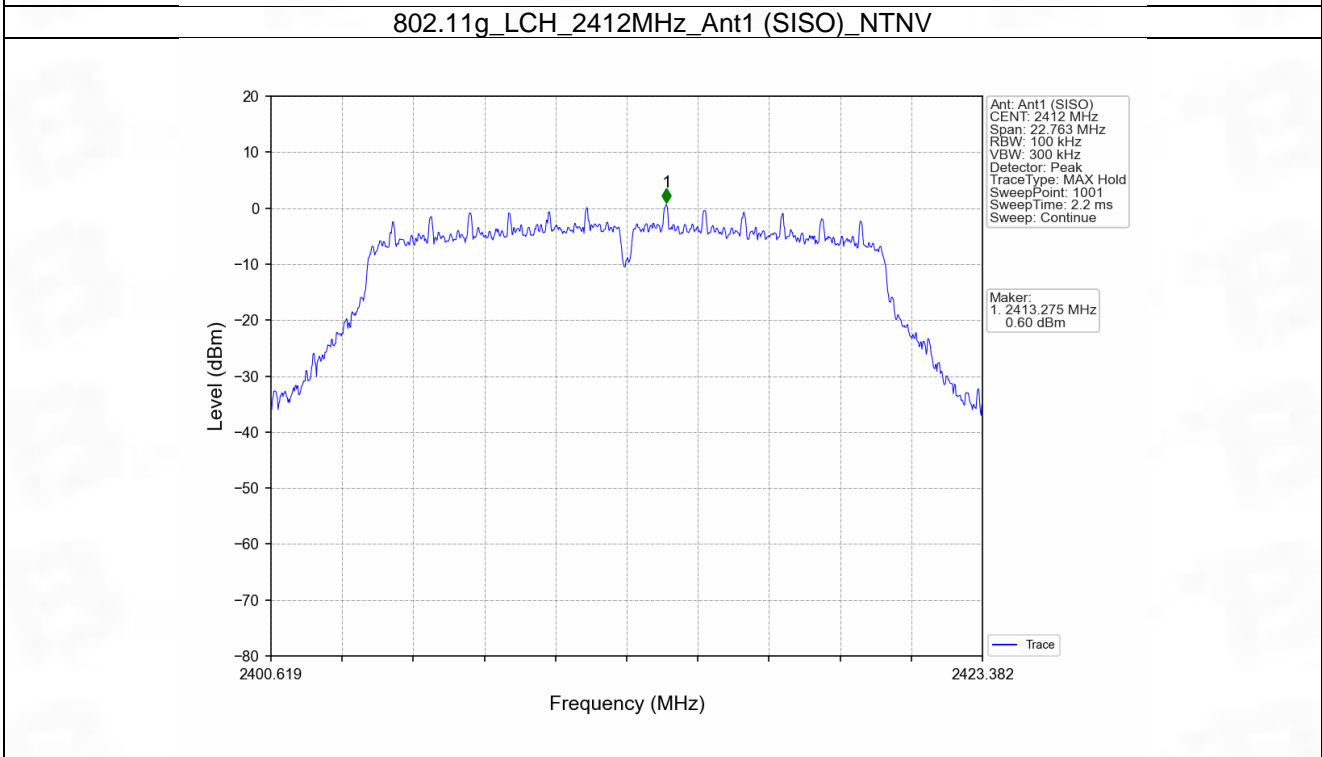
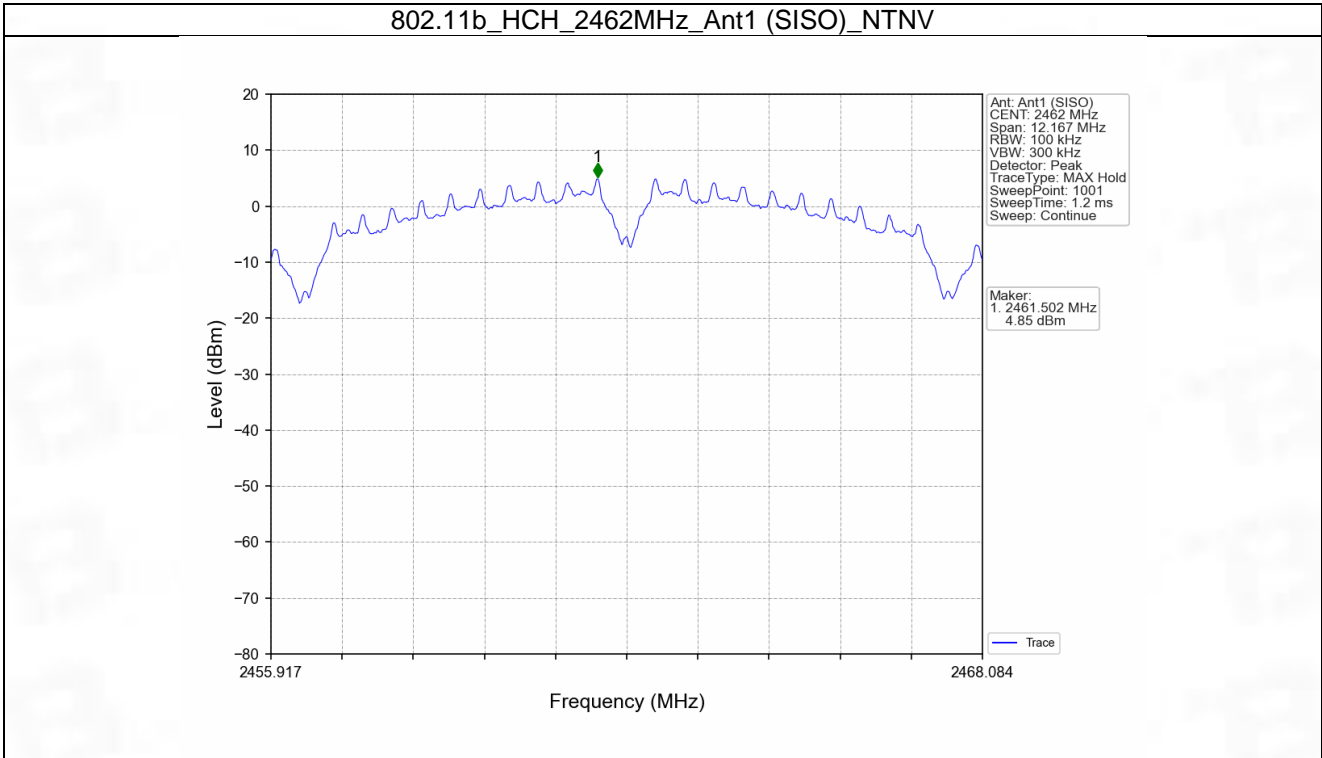
#### 5.1.1 Test Result

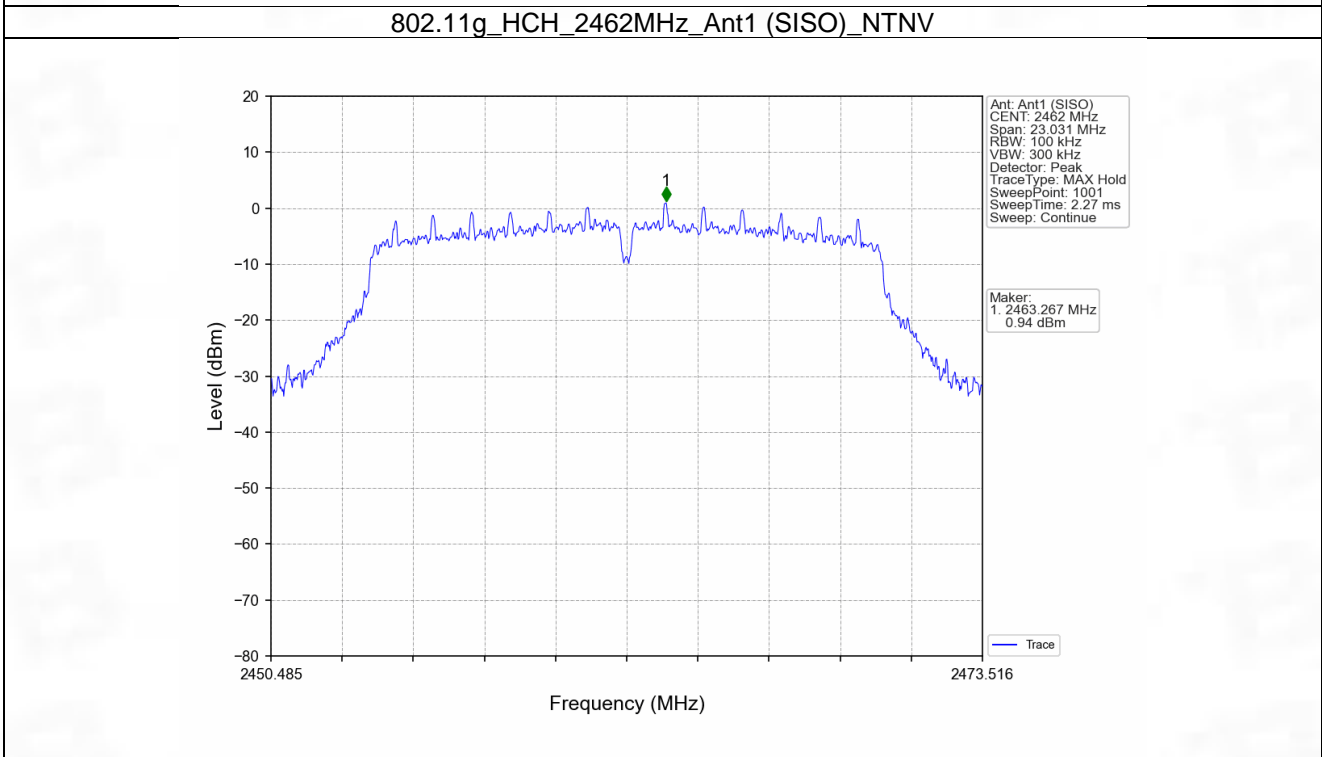
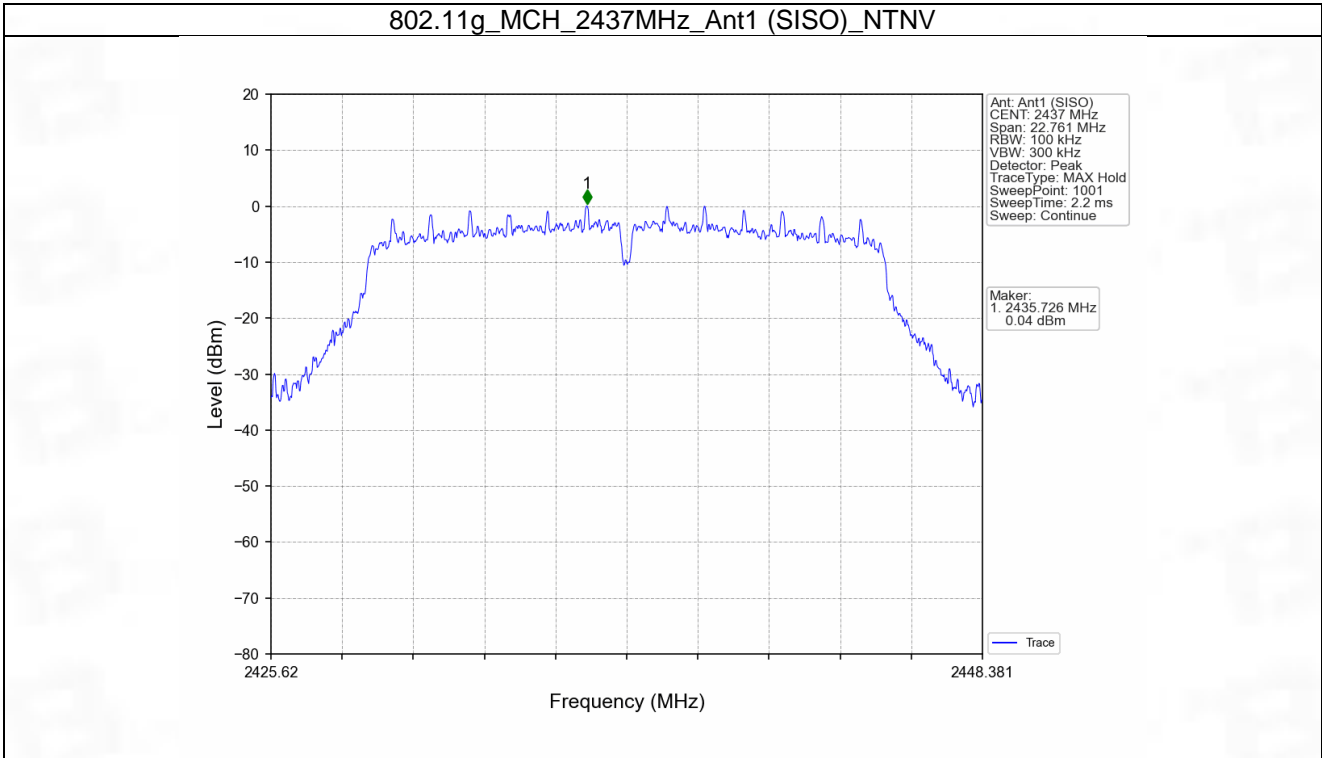
Mode	TX Type	Frequency (MHz)	ANT	Level of Reference (dBm)
802.11b	SISO	2412	1	4.76
		2437	1	4.70
		2462	1	4.85
802.11g	SISO	2412	1	0.60
		2437	1	0.04
		2462	1	0.94
802.11n (HT20)	SISO	2412	1	0.68
		2437	1	0.84
		2462	1	0.88
802.11n (HT40)	SISO	2422	1	-2.01
		2437	1	-3.04
		2452	1	-3.02

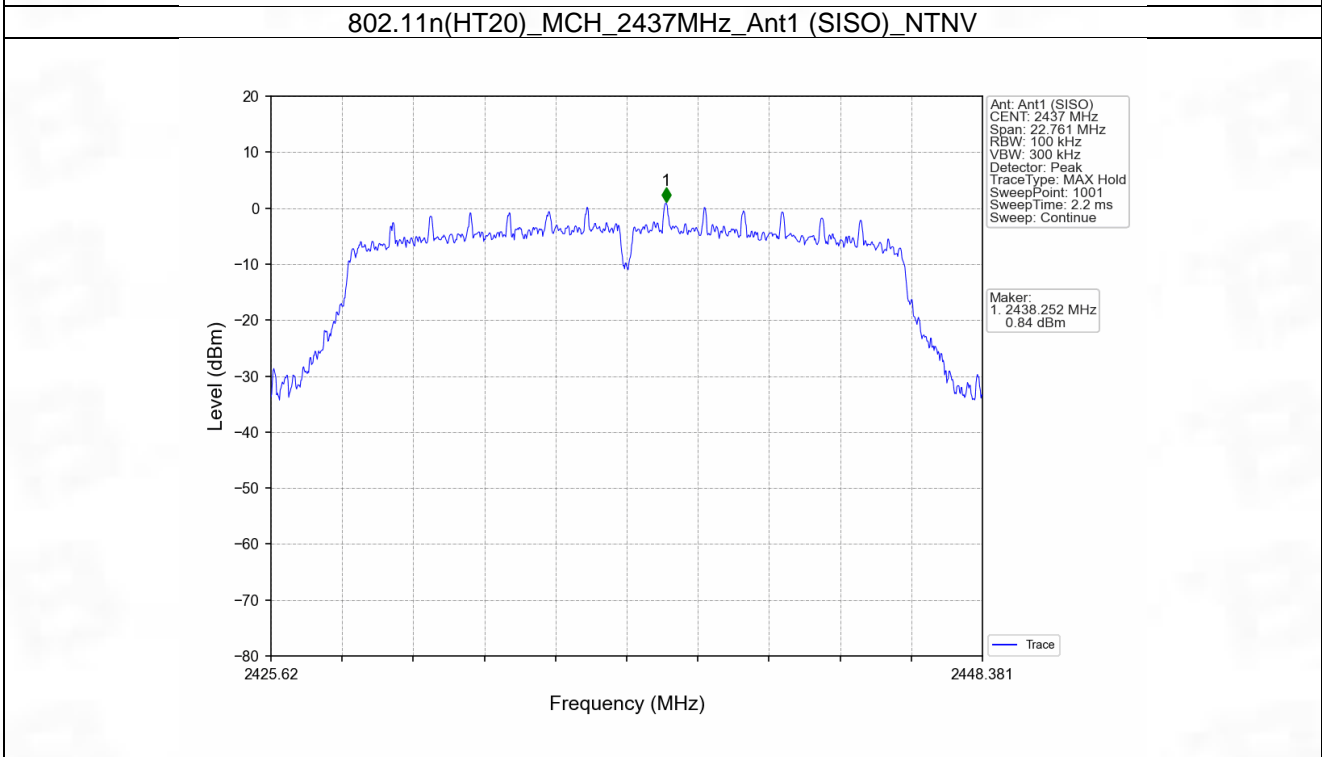
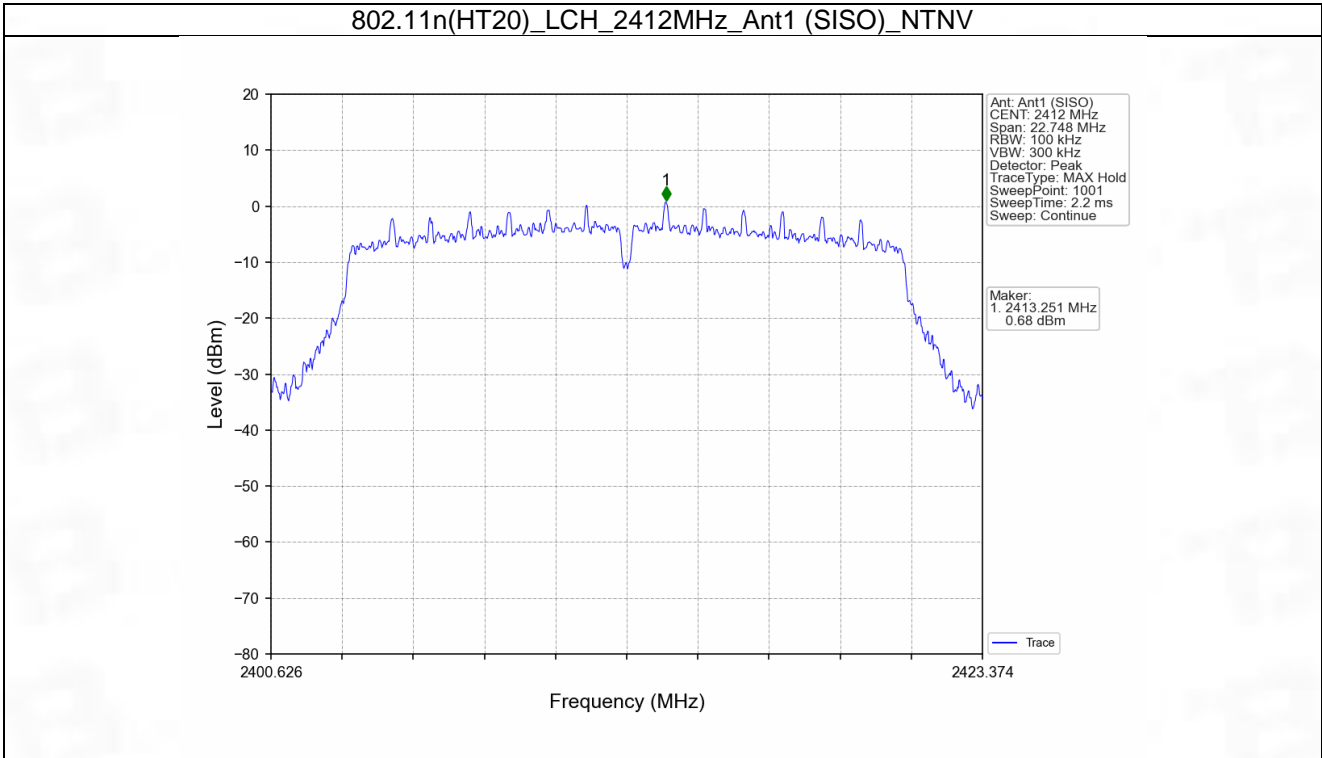
Note1: Refer to FCC Part 15.247 (d) and ANSI C63.10-2013, the channel contains the maximum PSD level was used to establish the reference level.

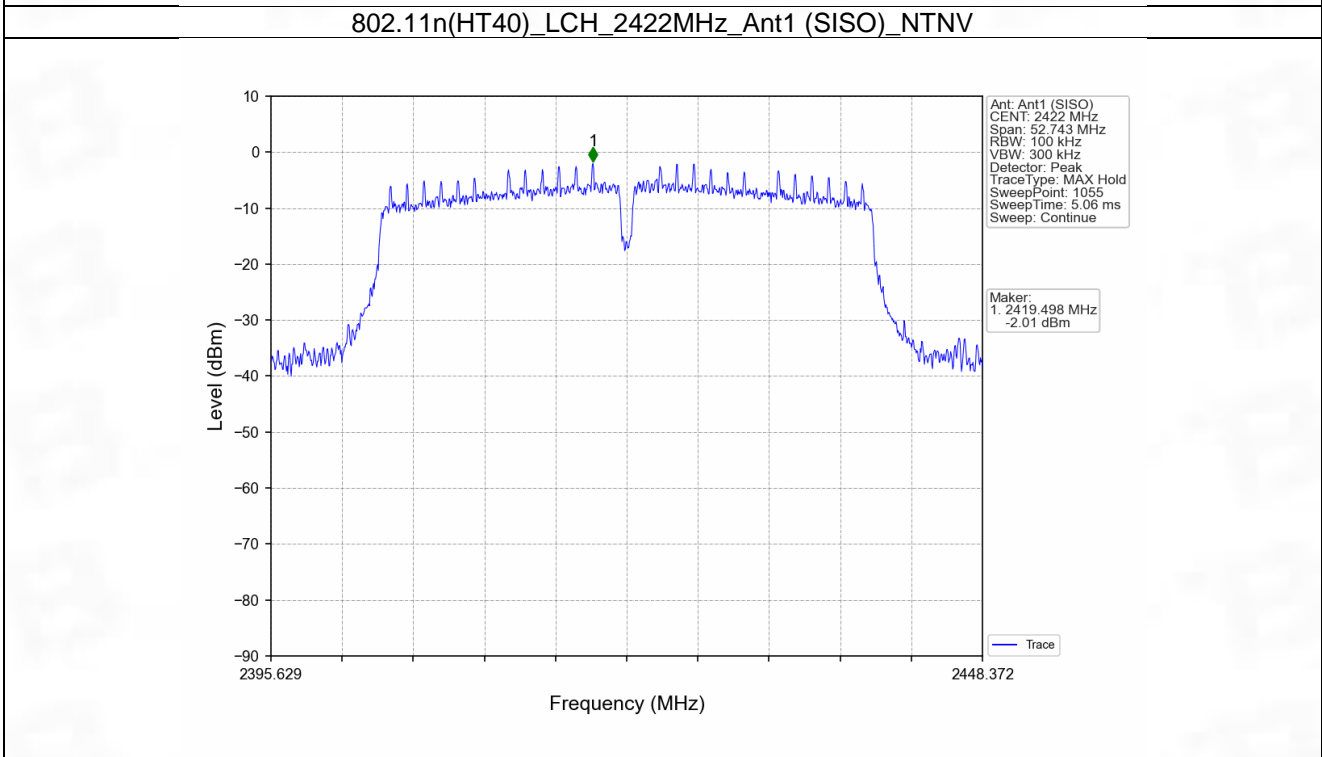
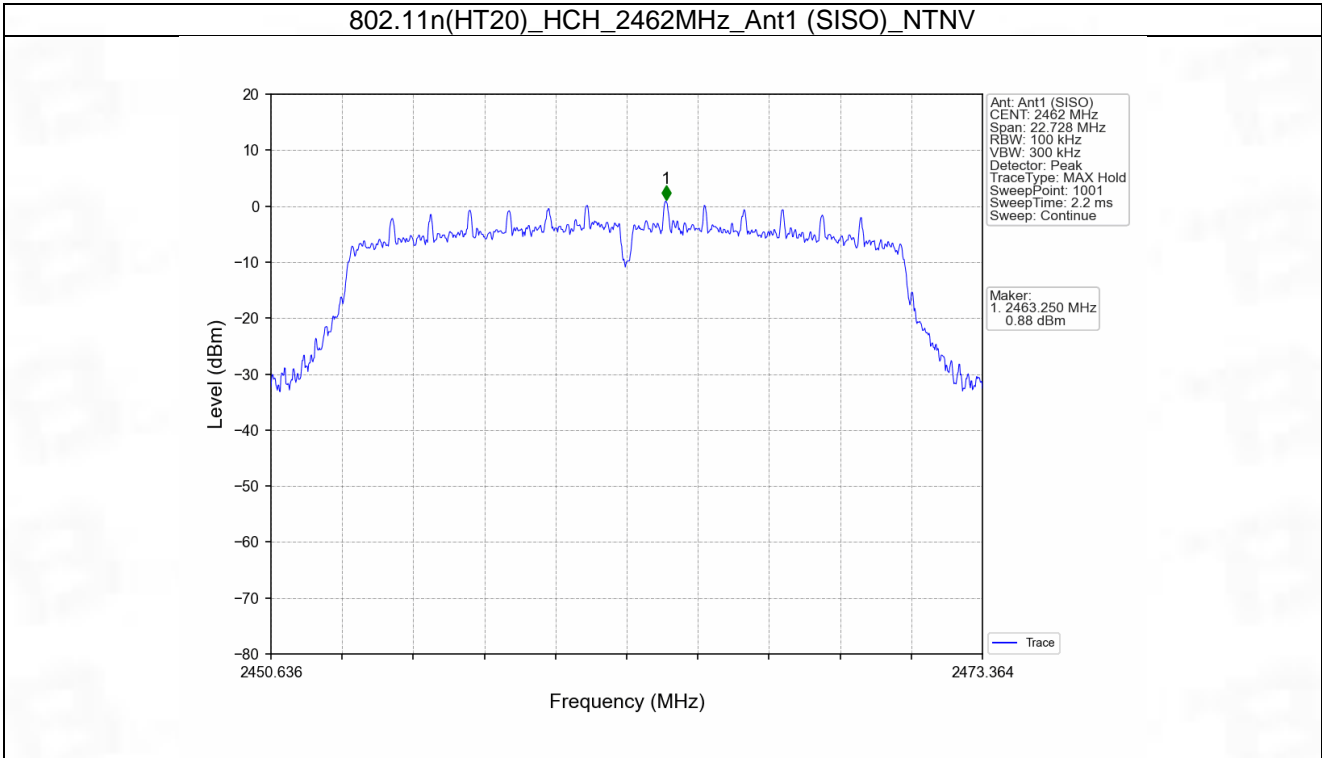
### 5.1.2 Test Graph

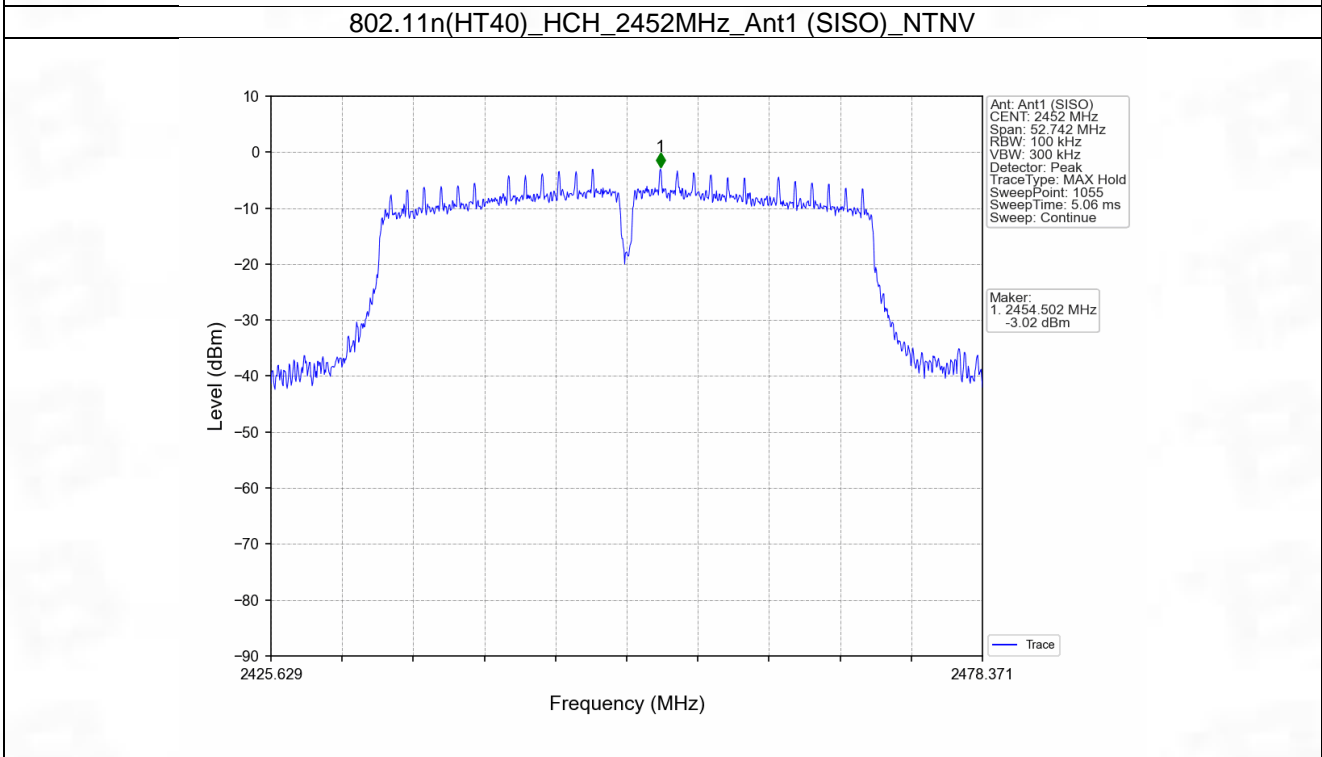
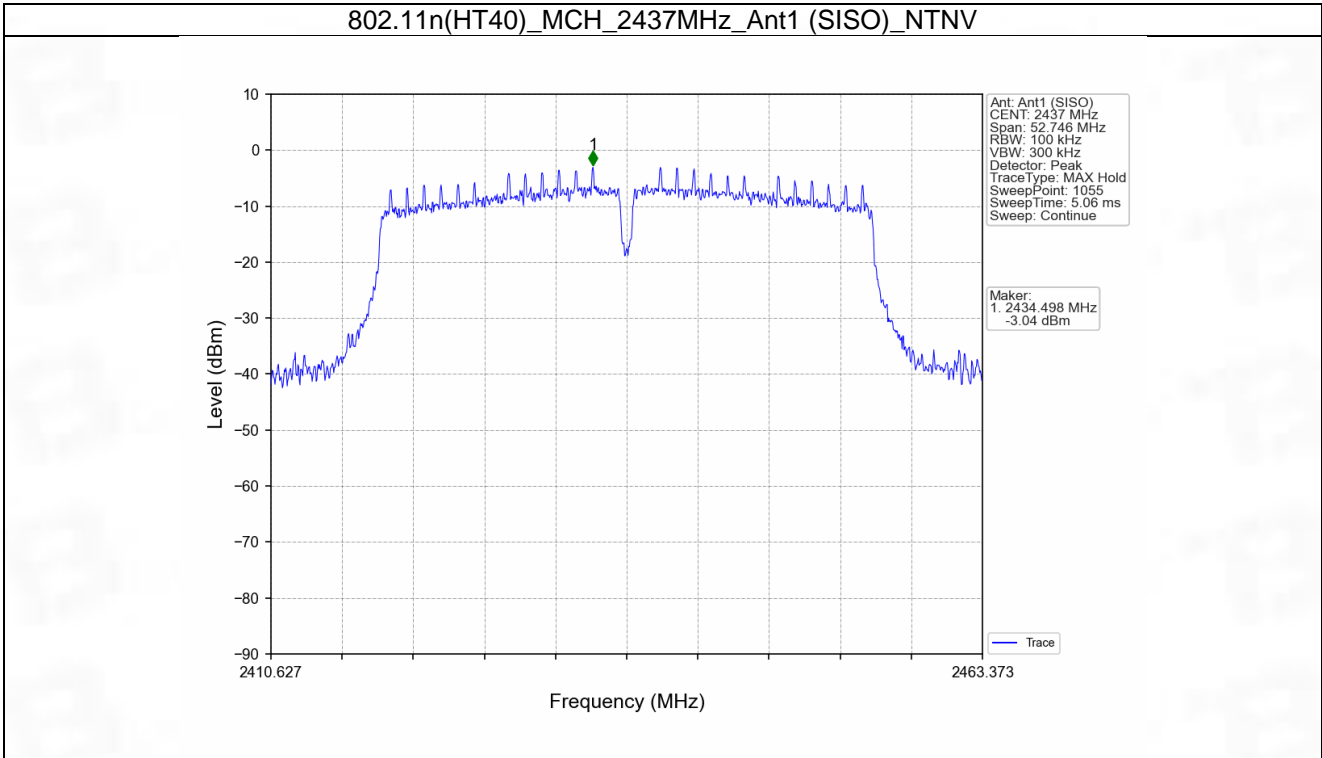














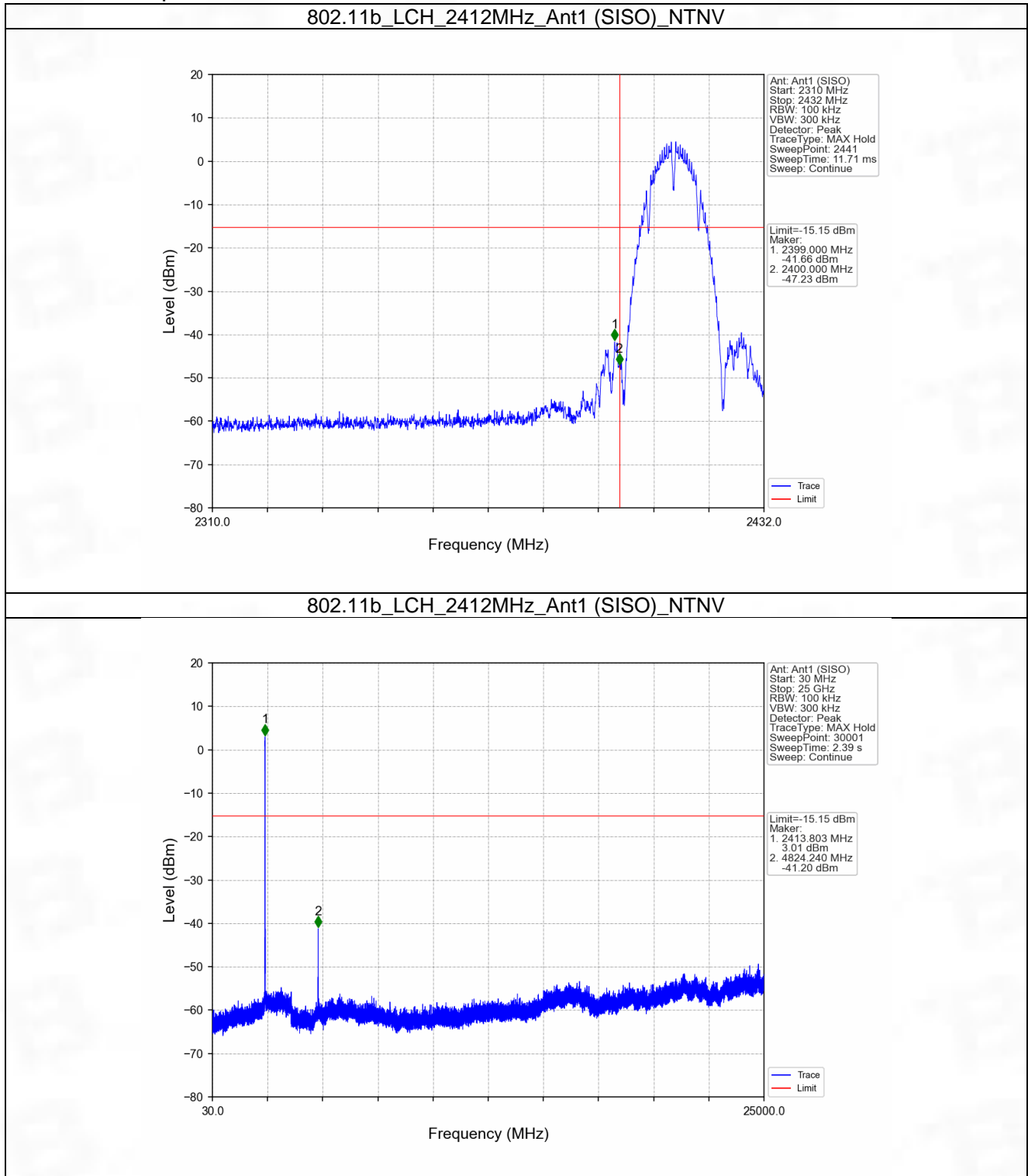
## 5.2 CSE

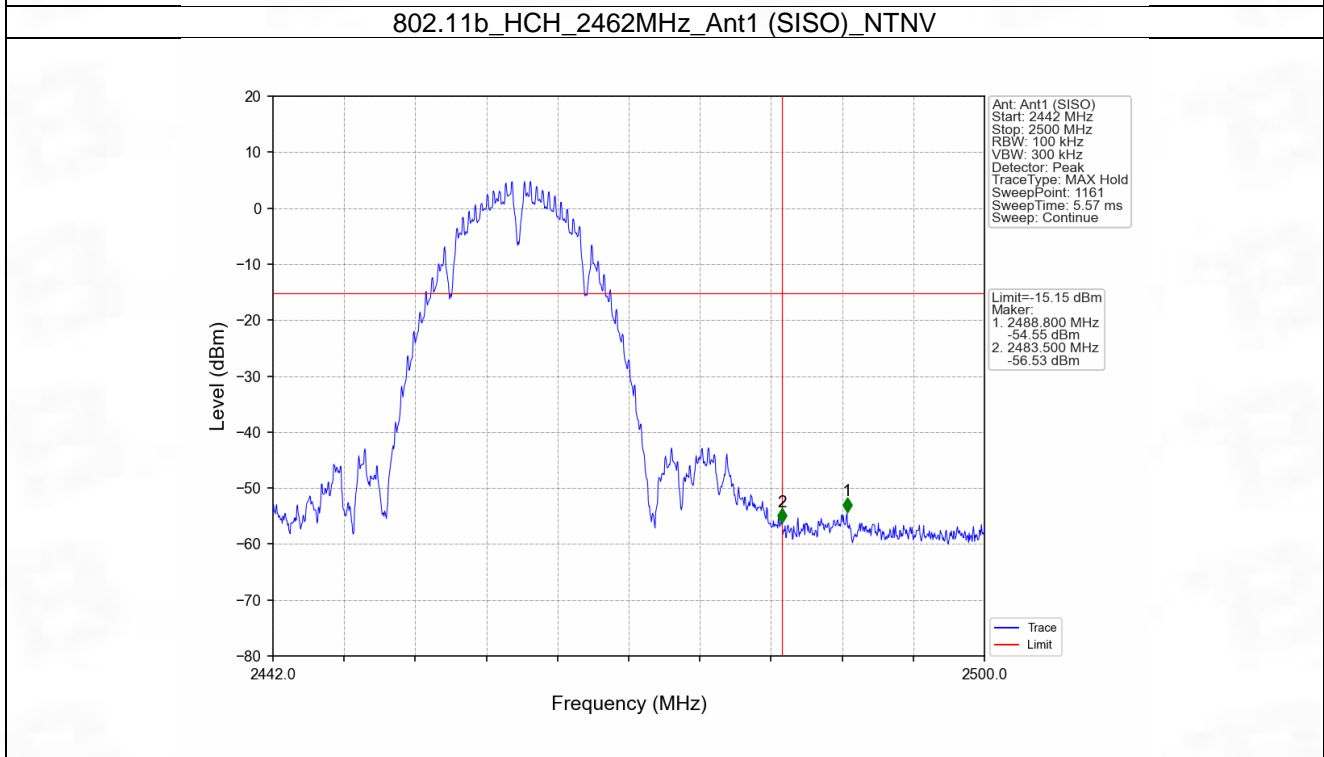
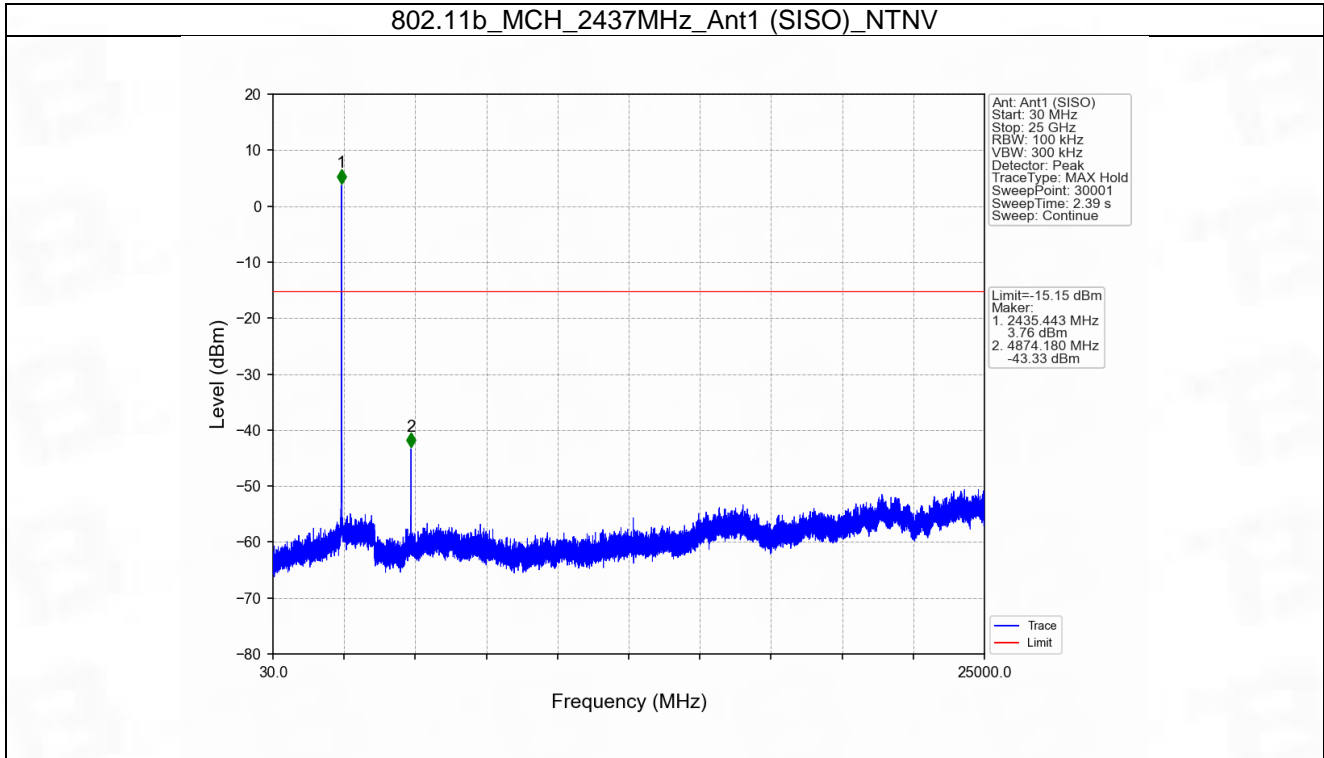
### 5.2.1 Test Result

Mode	TX Type	Frequency (MHz)	ANT	Level of Reference (dBm)	Limit (dBm)	Verdict
802.11b	SISO	2412	1	4.85	-15.15	Pass
		2437	1	4.85	-15.15	Pass
		2462	1	4.85	-15.15	Pass
802.11g	SISO	2412	1	0.94	-19.06	Pass
		2437	1	0.94	-19.06	Pass
		2462	1	0.94	-19.06	Pass
802.11n (HT20)	SISO	2412	1	0.88	-19.12	Pass
		2437	1	0.88	-19.12	Pass
		2462	1	0.88	-19.12	Pass
802.11n (HT40)	SISO	2422	1	-2.01	-22.01	Pass
		2437	1	-2.01	-22.01	Pass
		2452	1	-2.01	-22.01	Pass

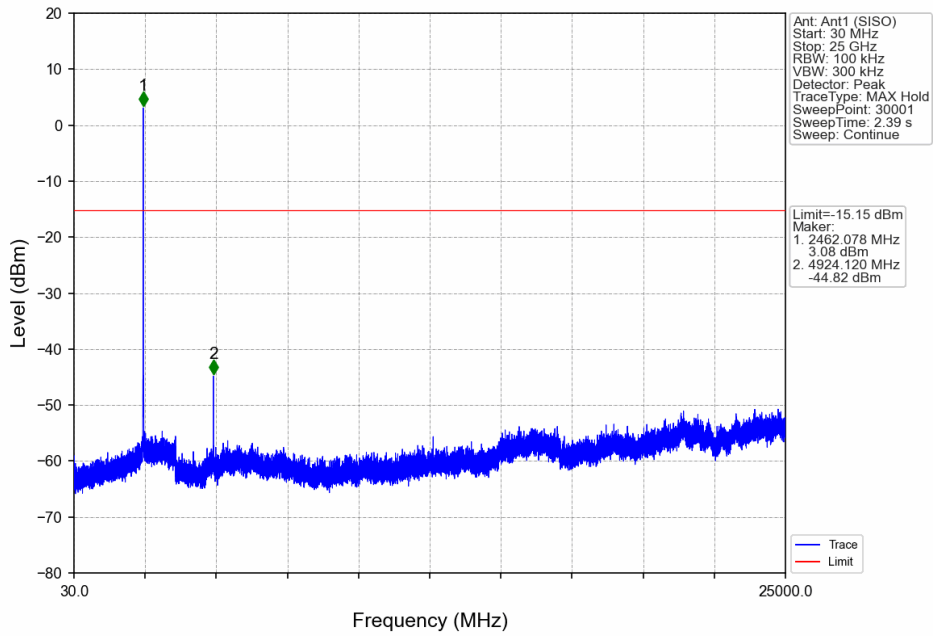
Note1: Refer to FCC Part 15.247 (d) and ANSI C63.10-2013, the channel contains the maximum PSD level was used to establish the reference level.

### 5.2.2 Test Graph

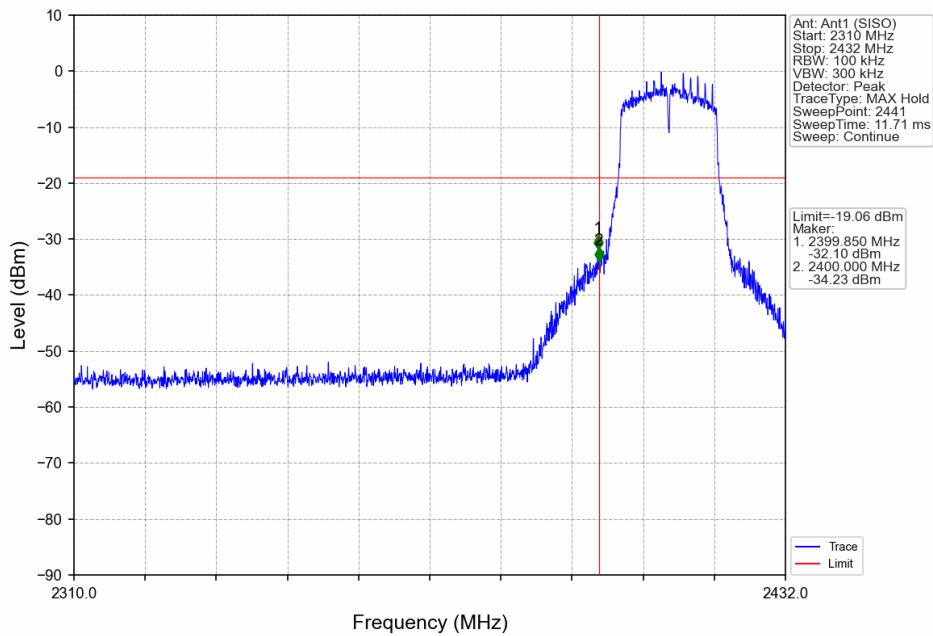


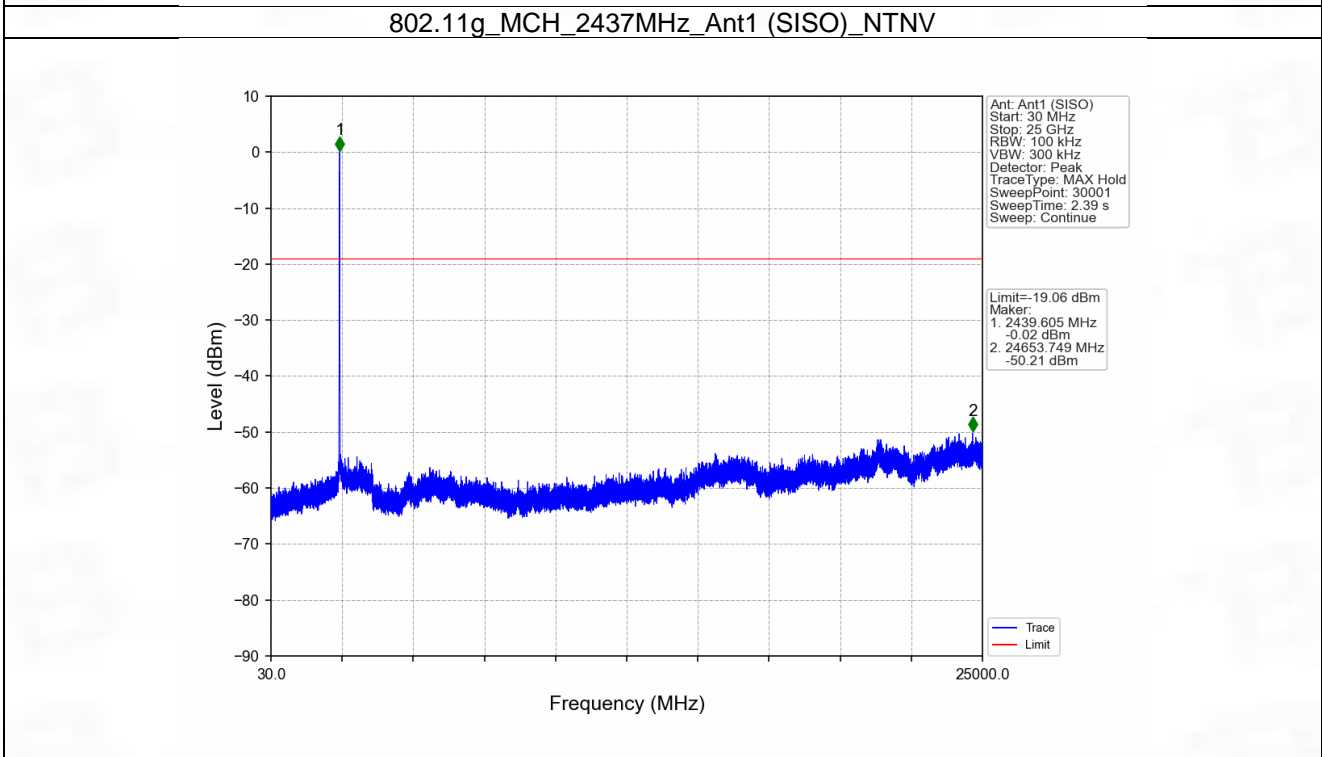
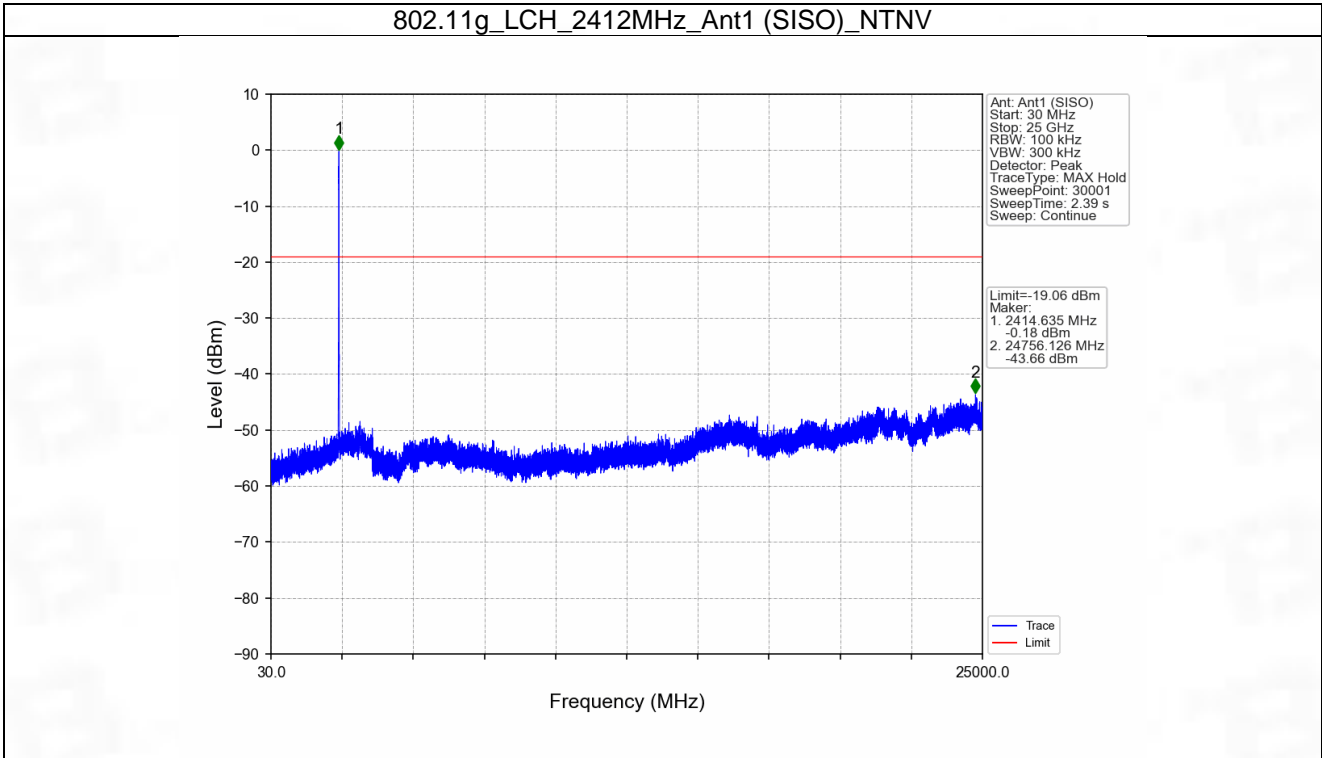


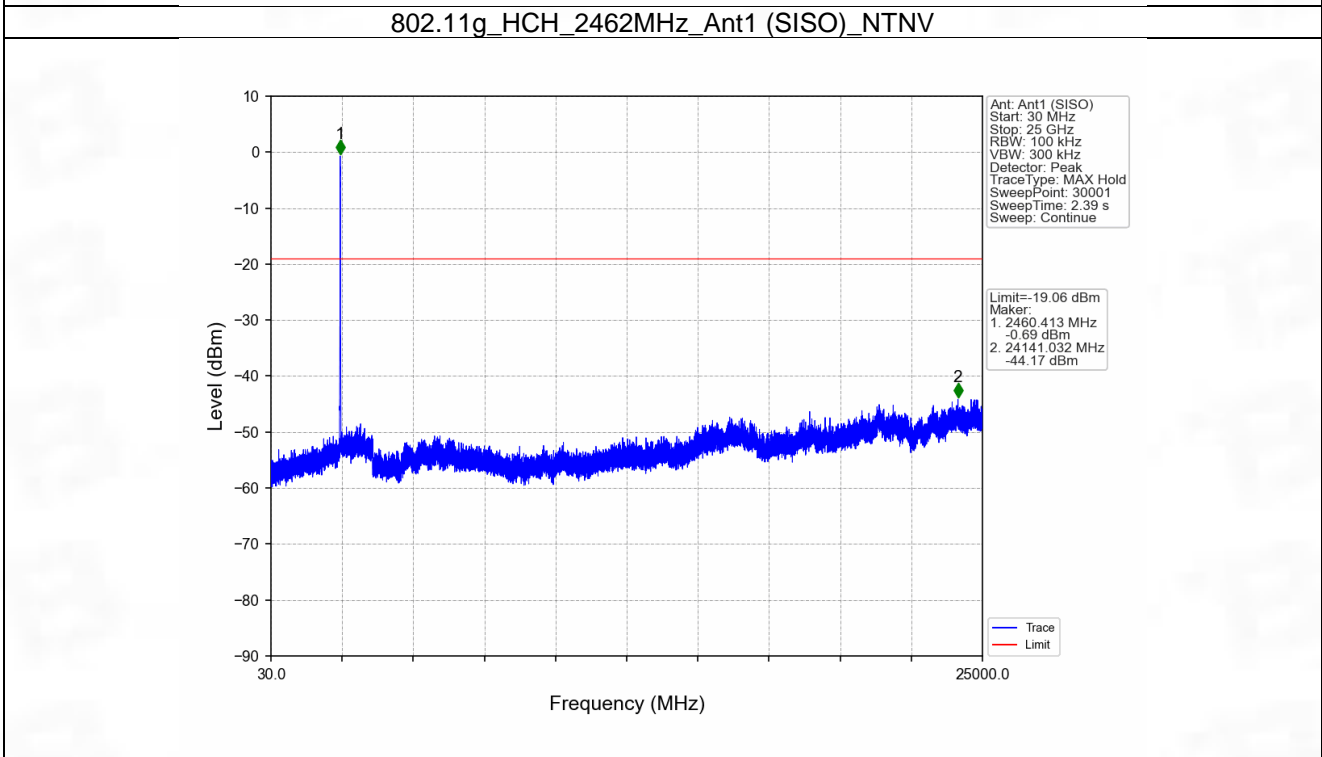
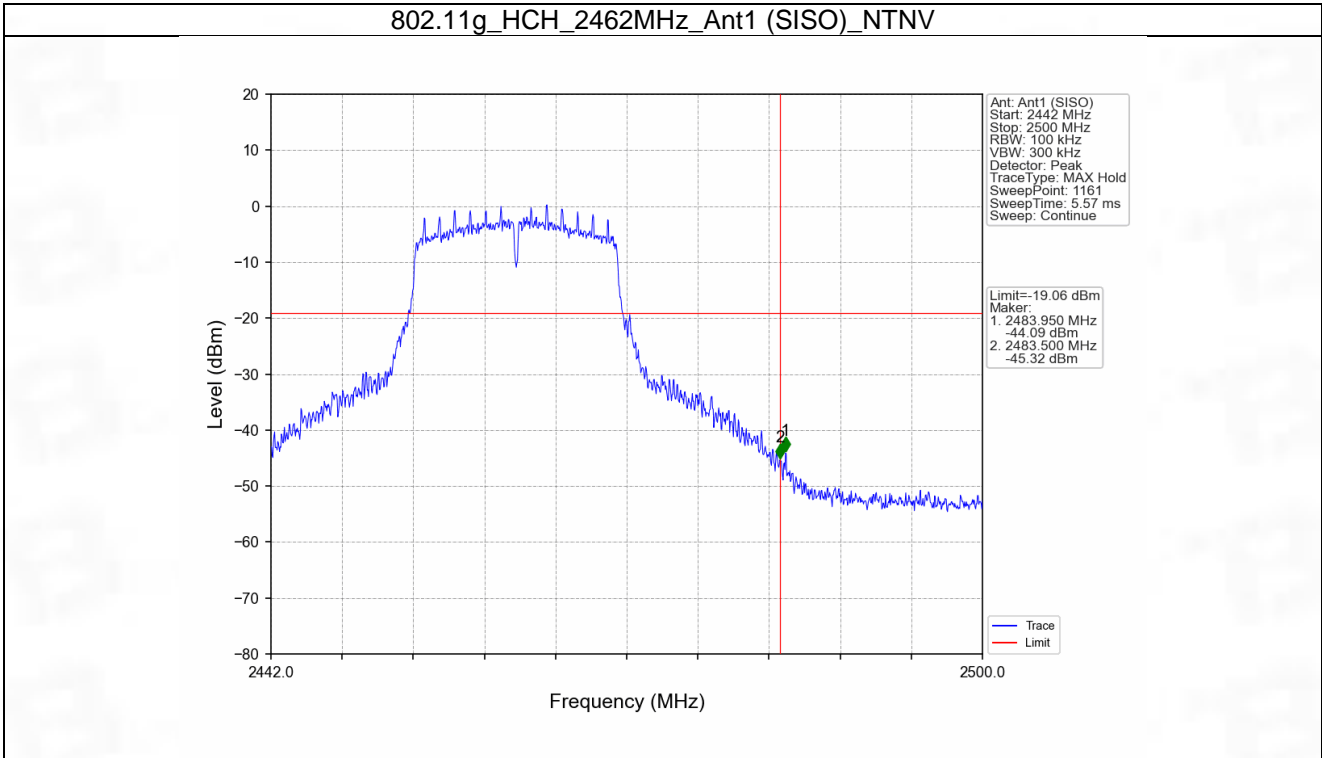
802.11b\_HCH\_2462MHz\_Ant1 (SISO)\_NTNV

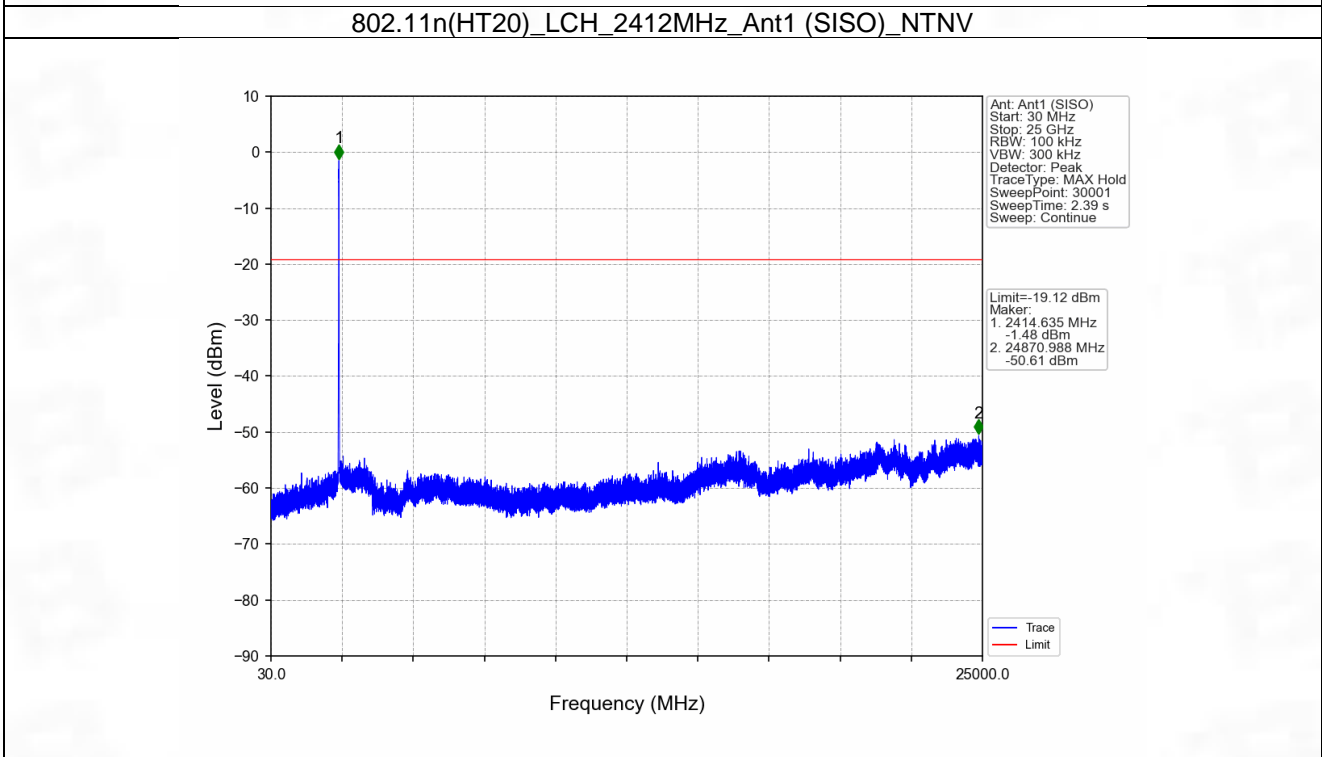
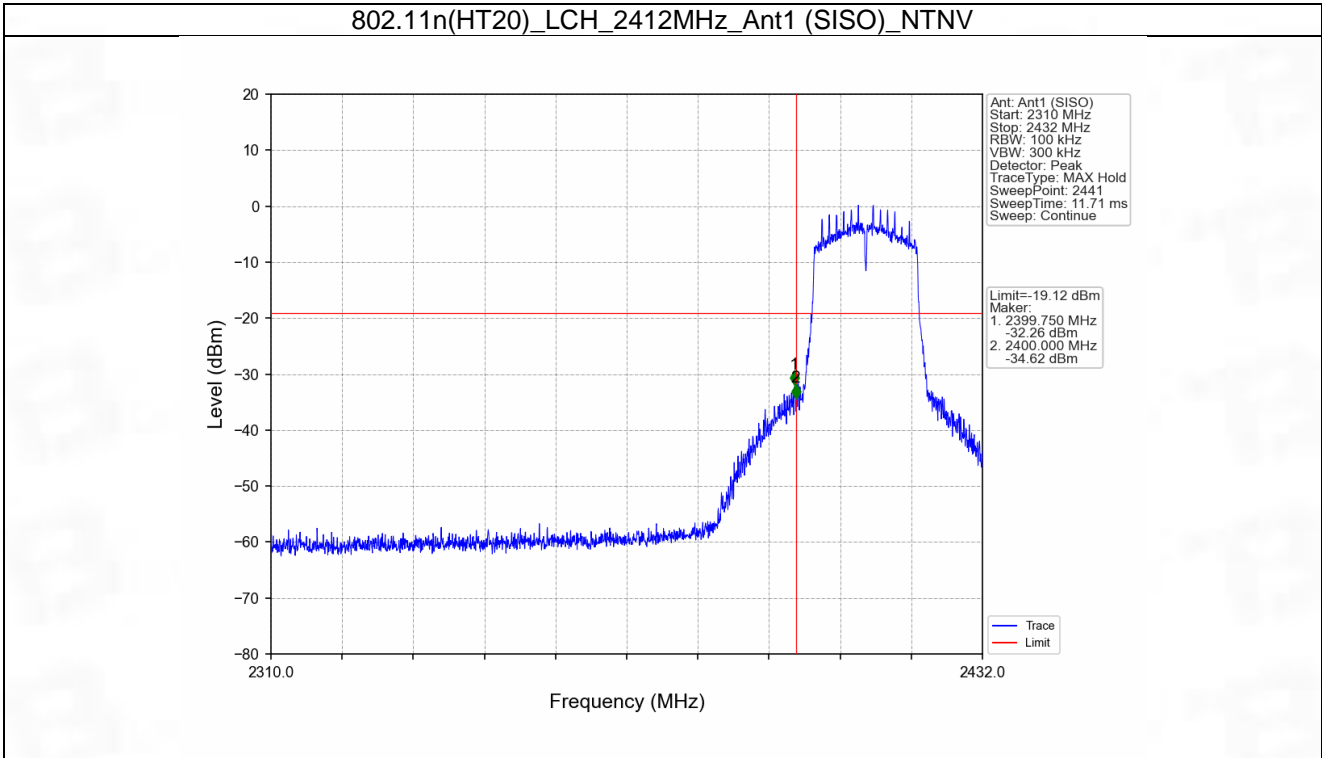


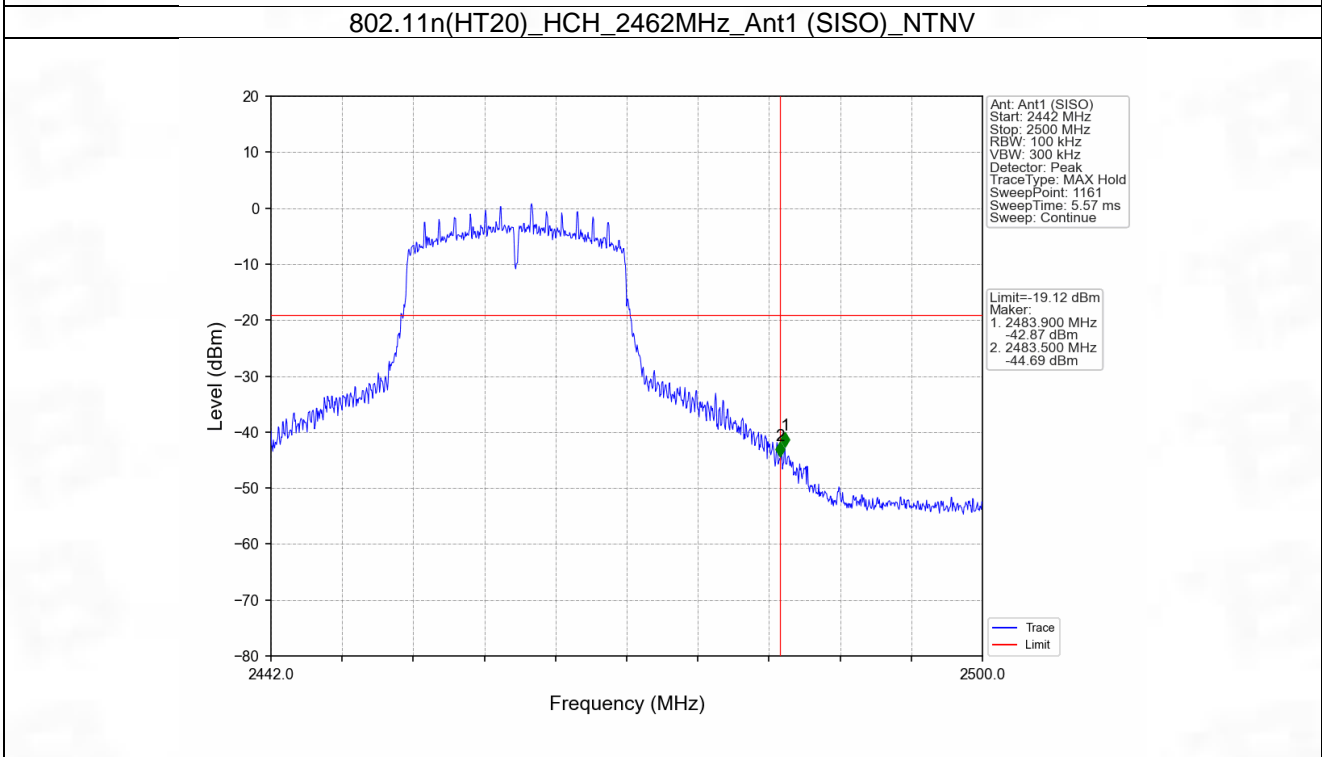
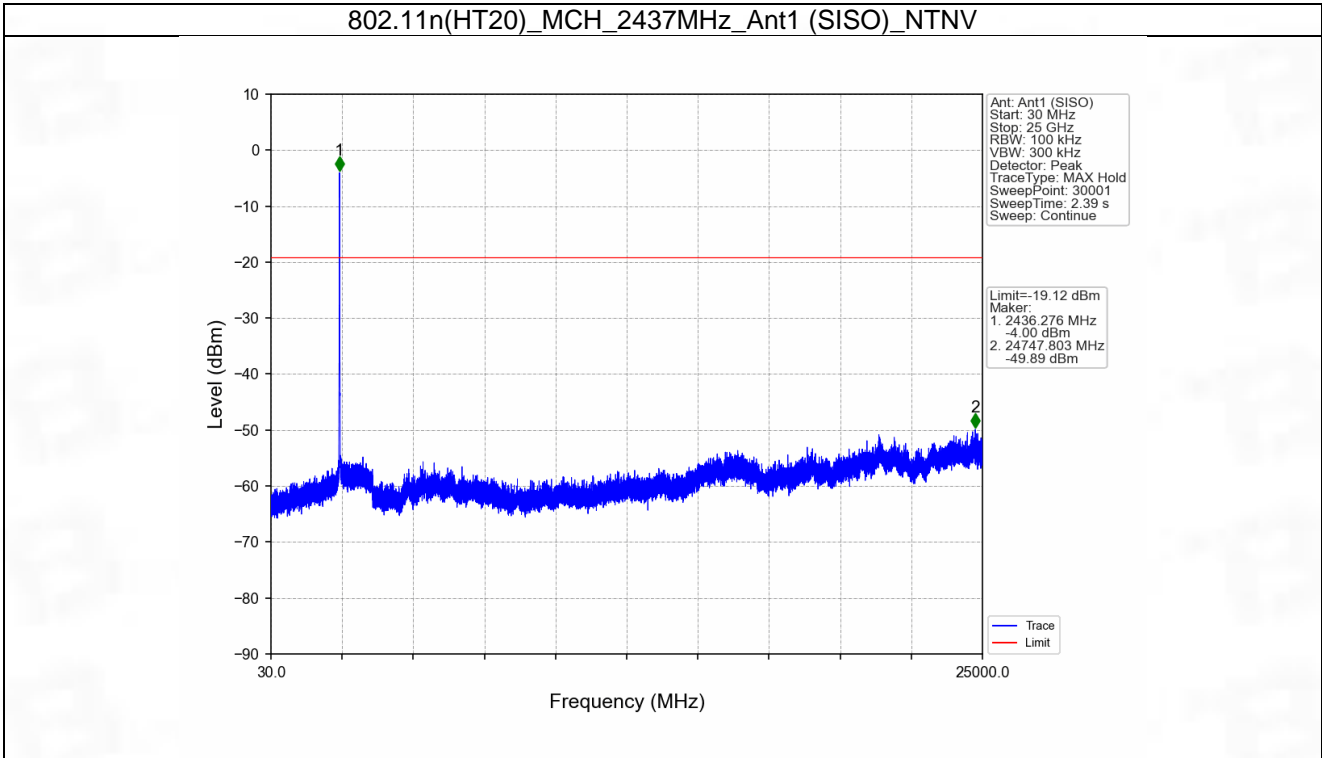
802.11g\_LCH\_2412MHz\_Ant1 (SISO)\_NTNV



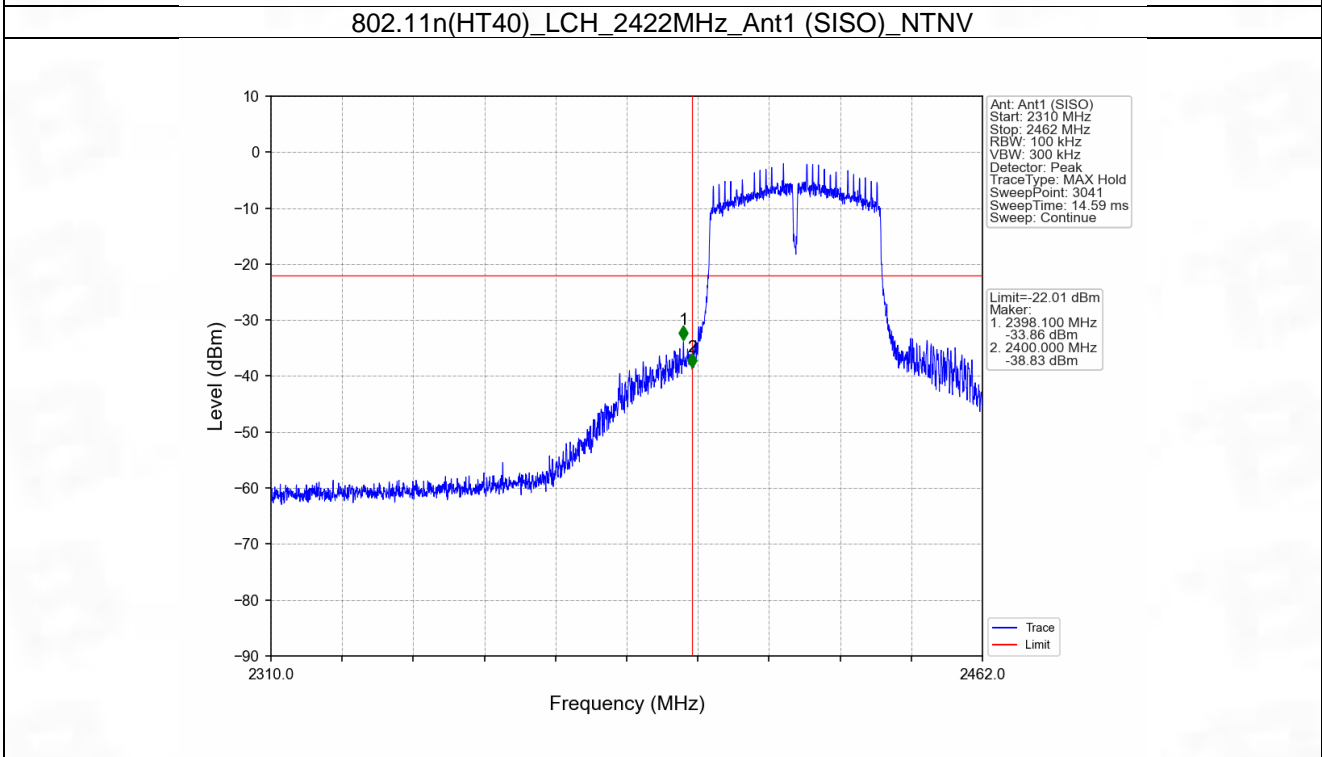
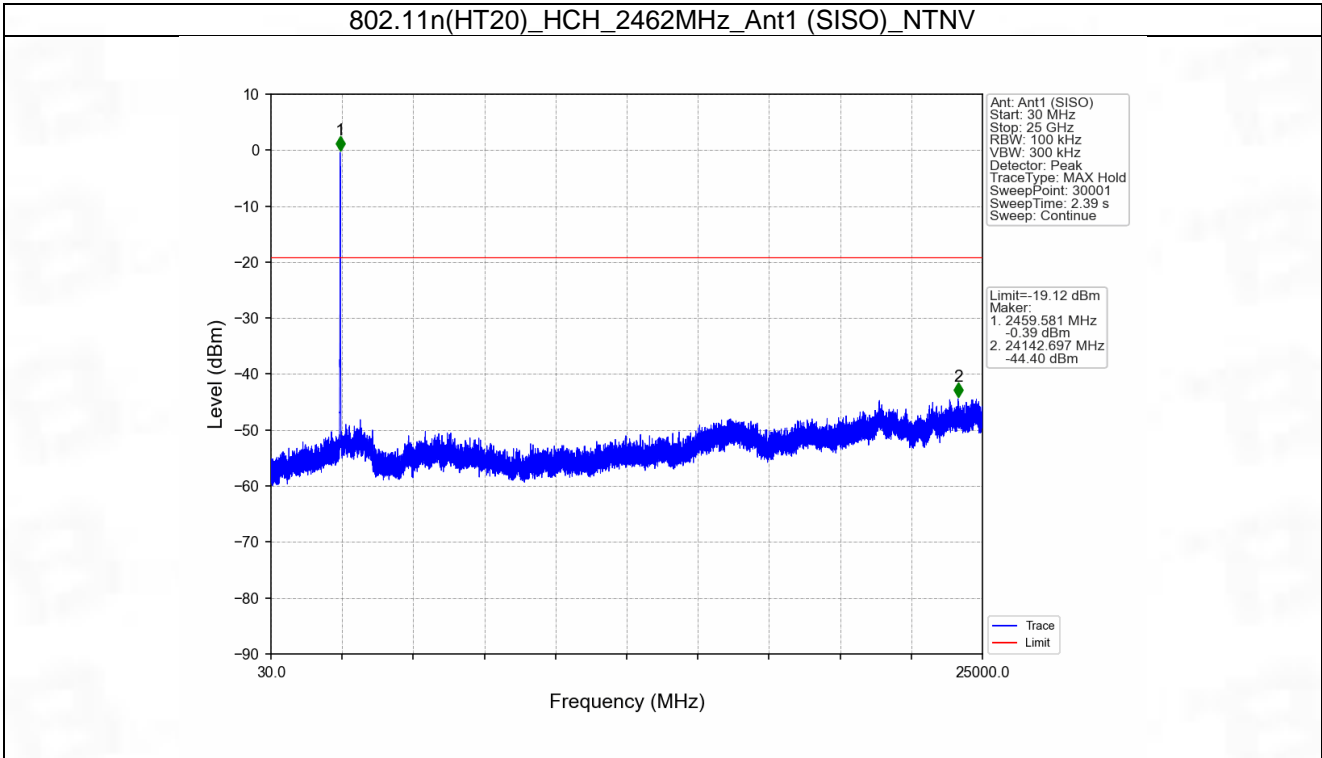


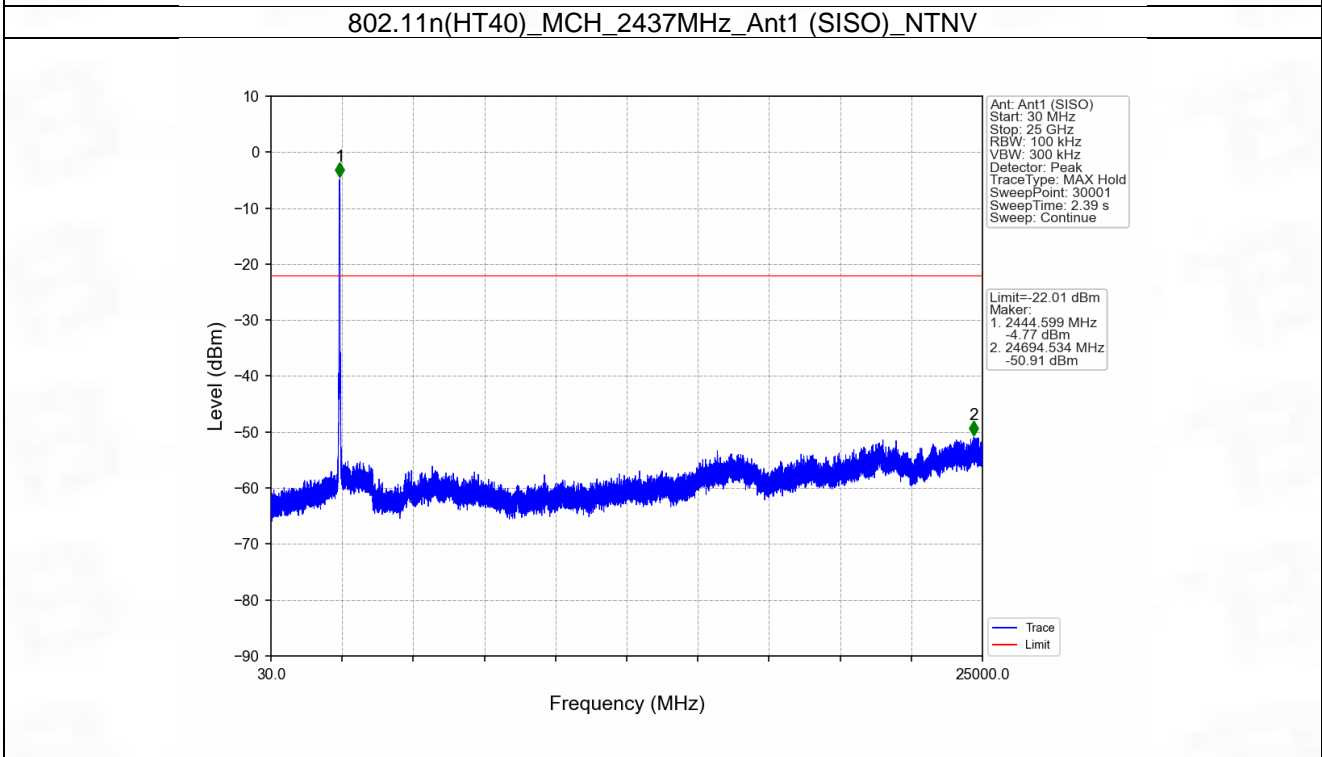
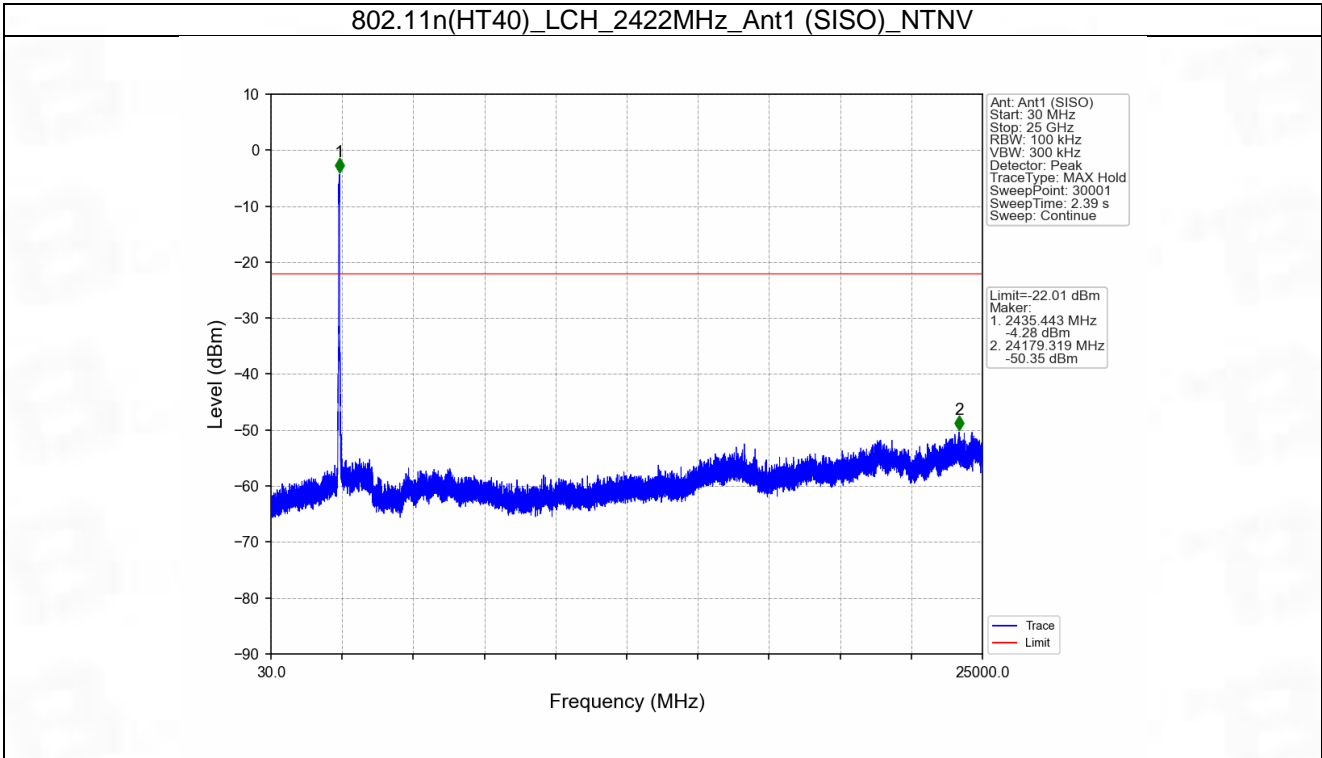


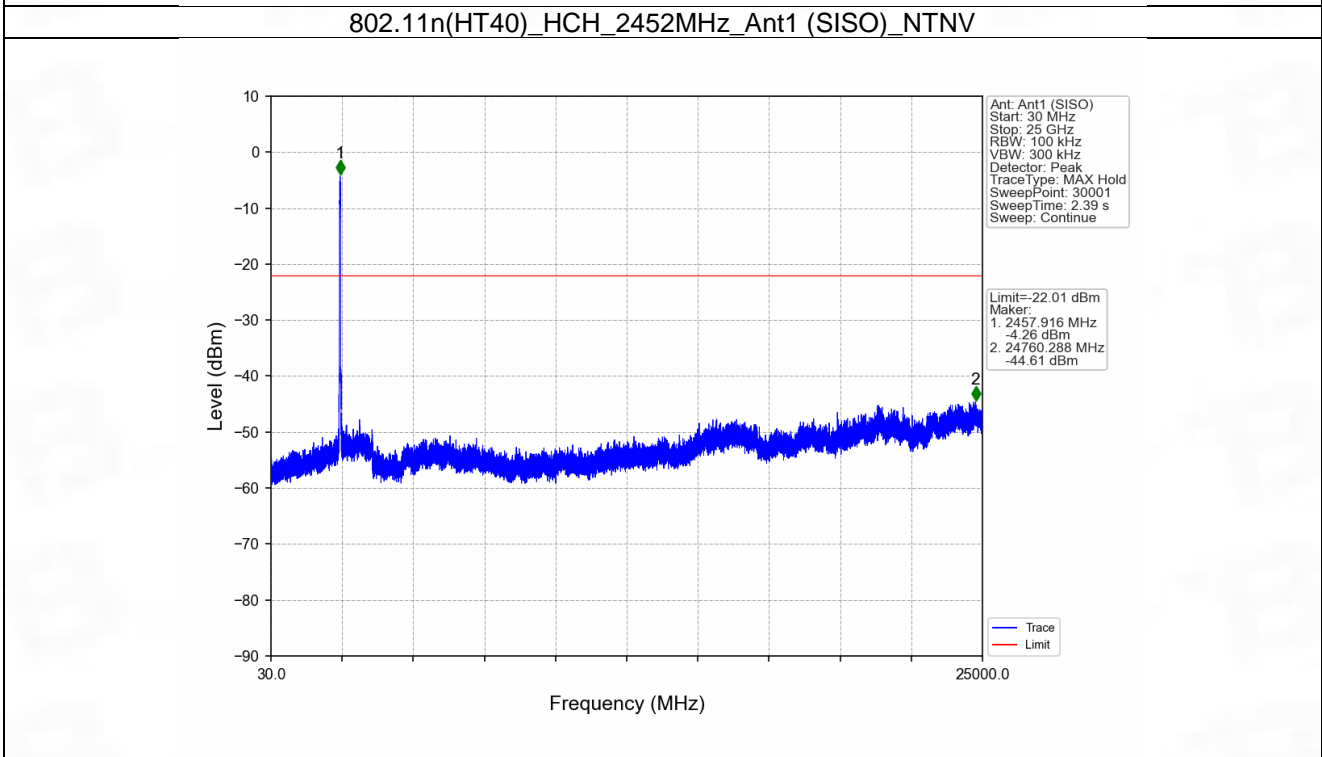
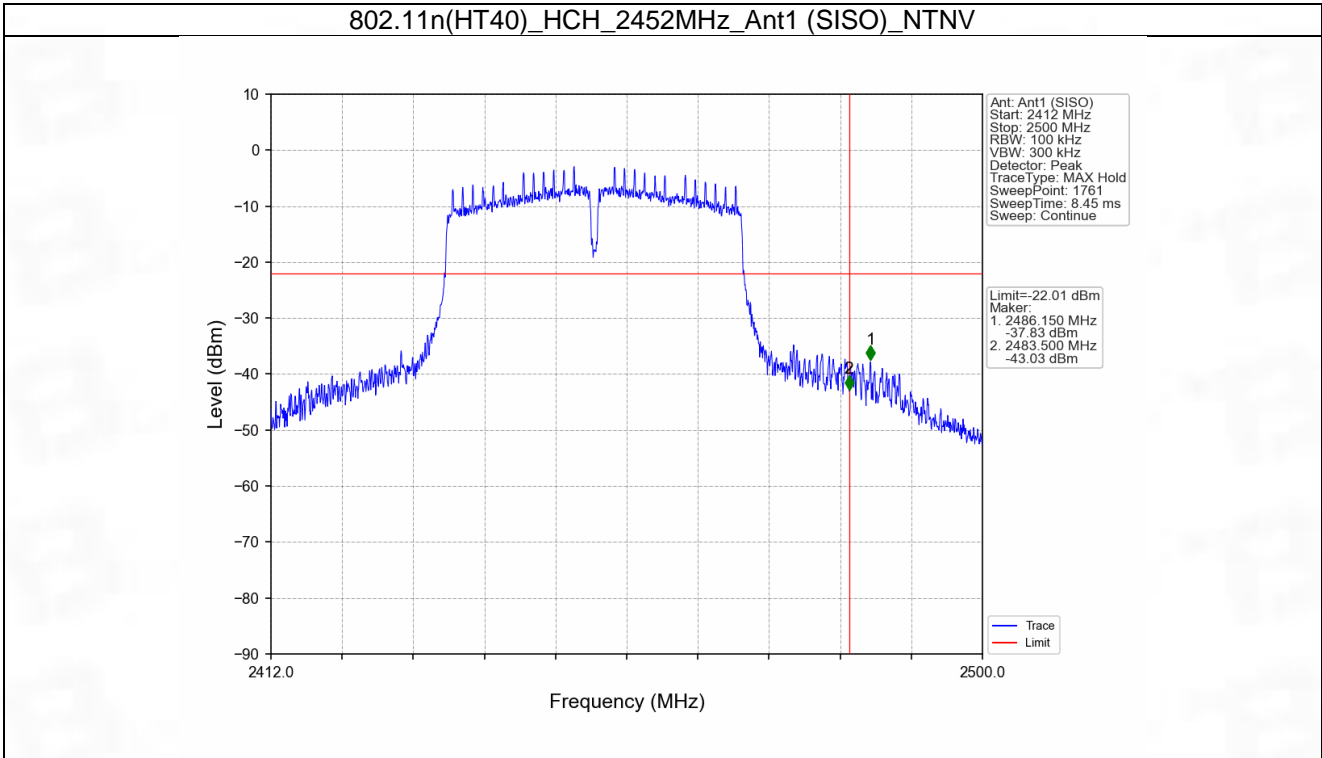












## 6. Form731

### 6.1 Form731

#### 6.1.1 Test Result

Lower Freq (MHz)	High Freq (MHz)	MAX Power (W)	MAX Power (dBm)
2412	2462	0.0706	18.49
2422	2452	0.0783	18.94



Test Report Number: BTF230913R00703



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