

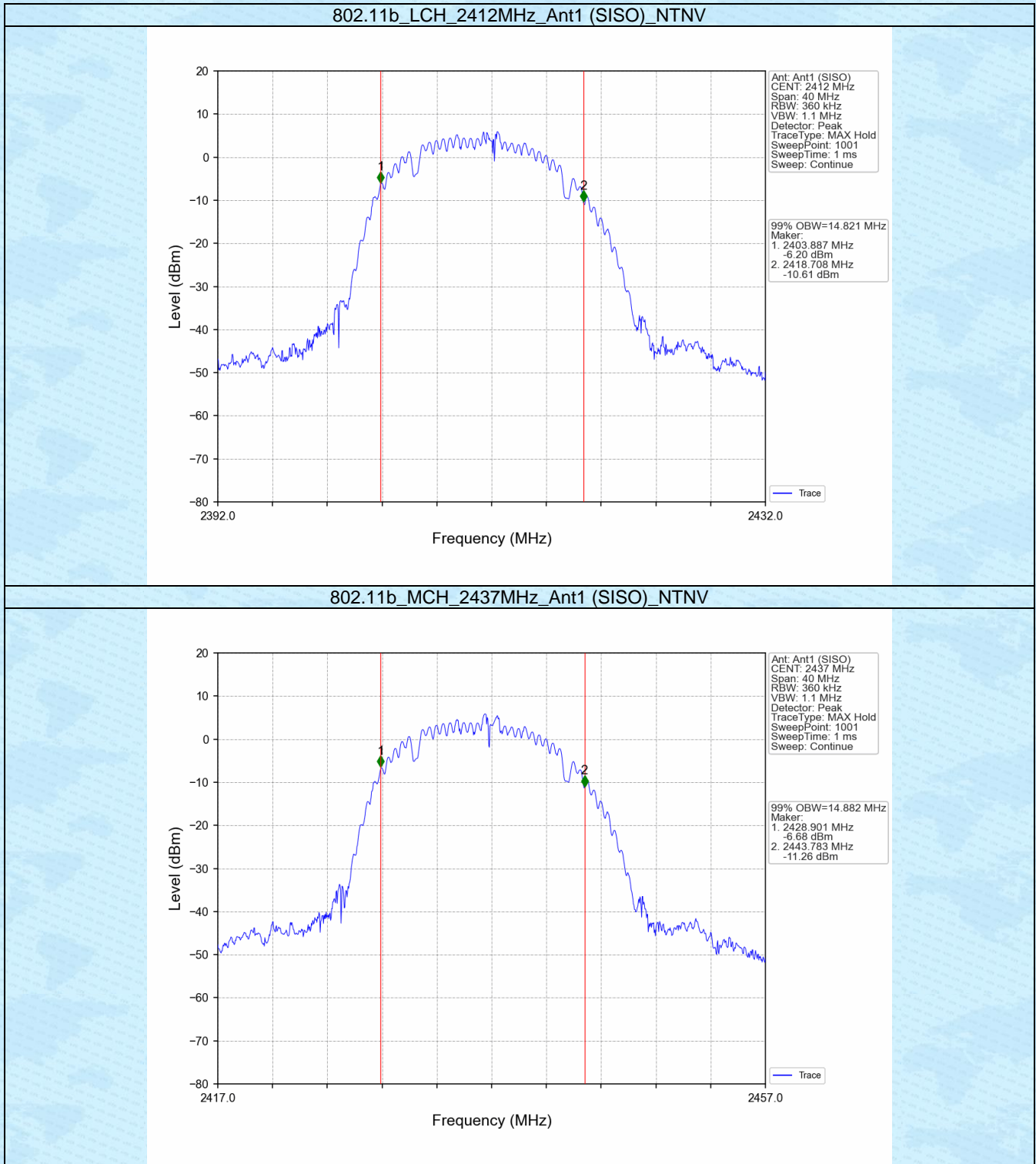
## 1. Bandwidth

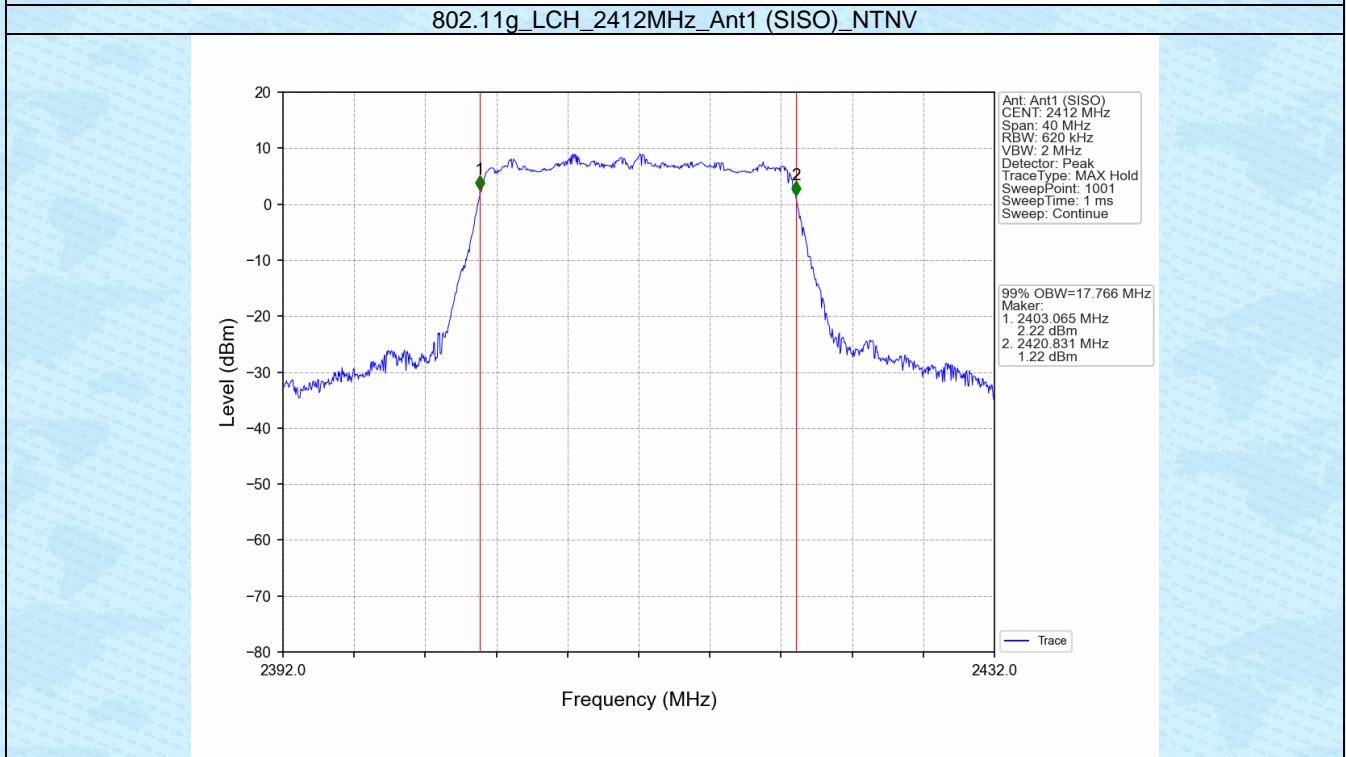
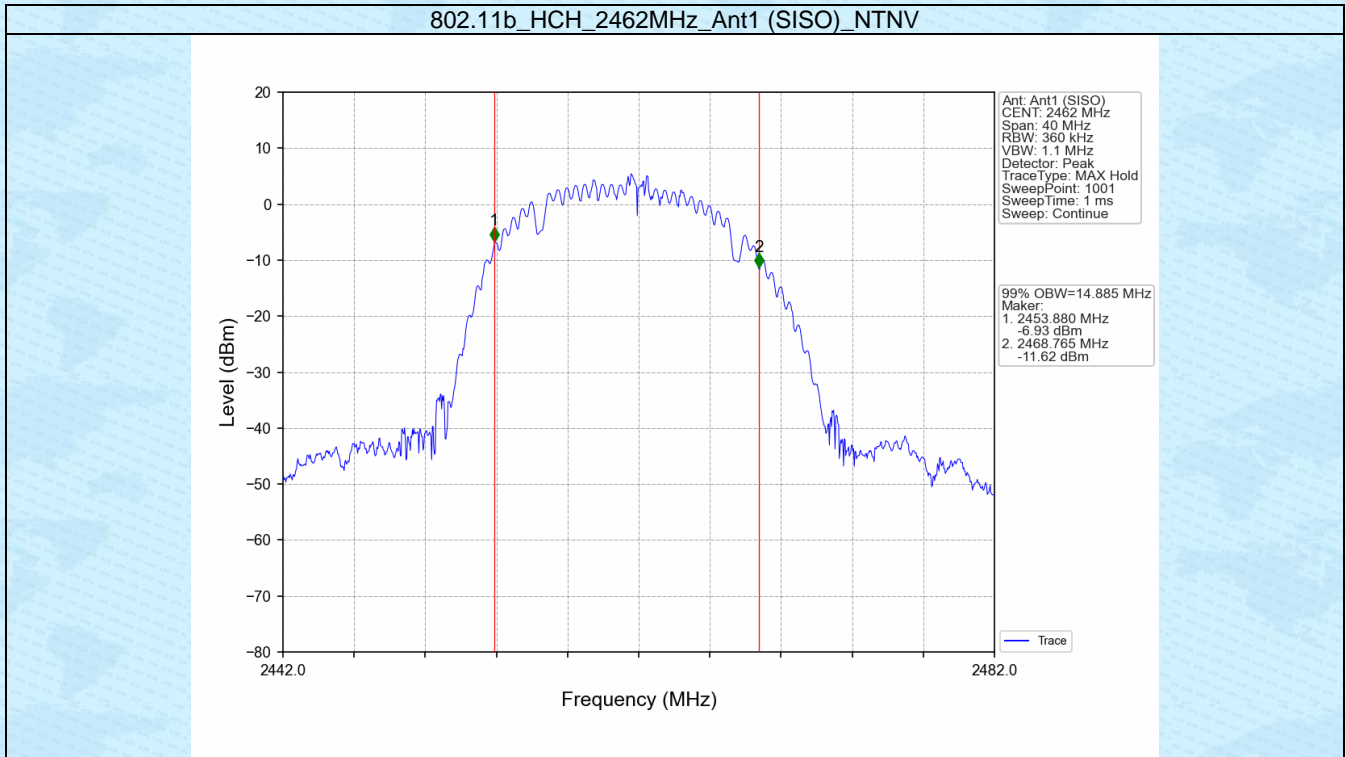
### 1.1 OBW

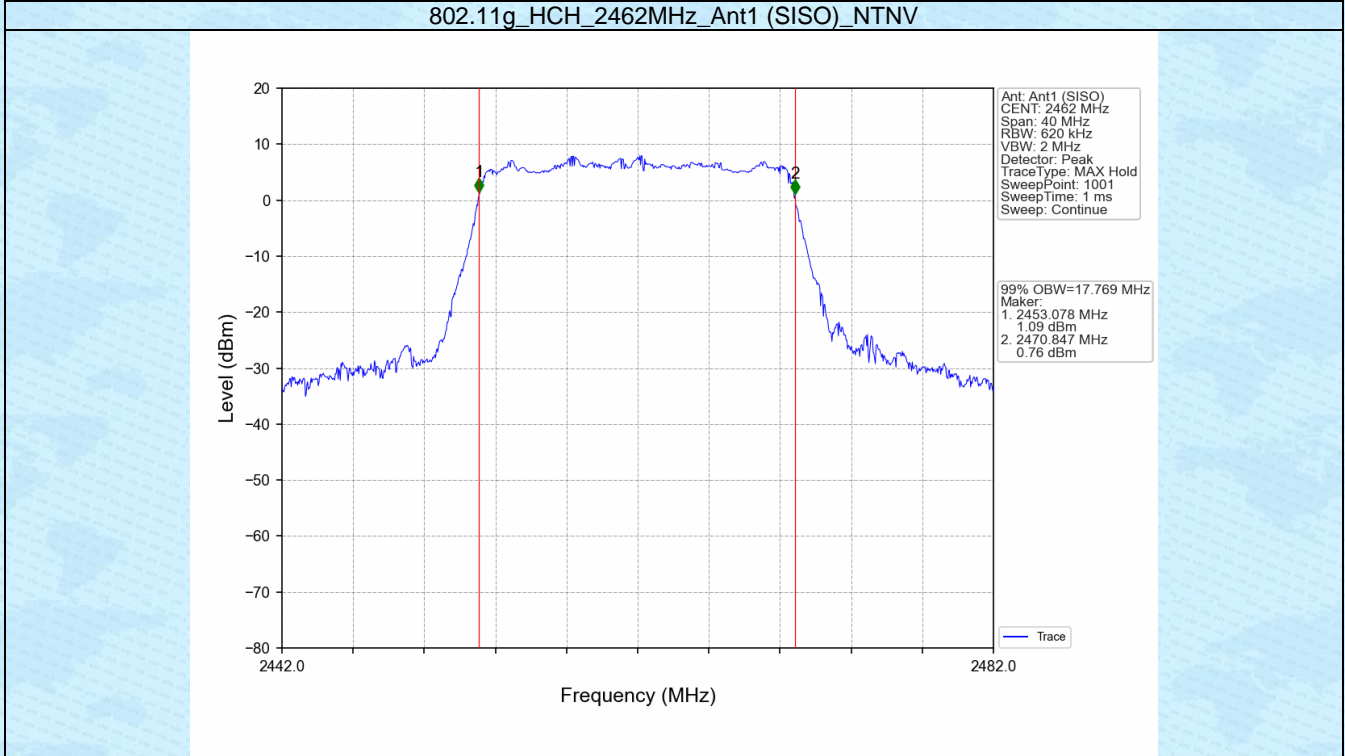
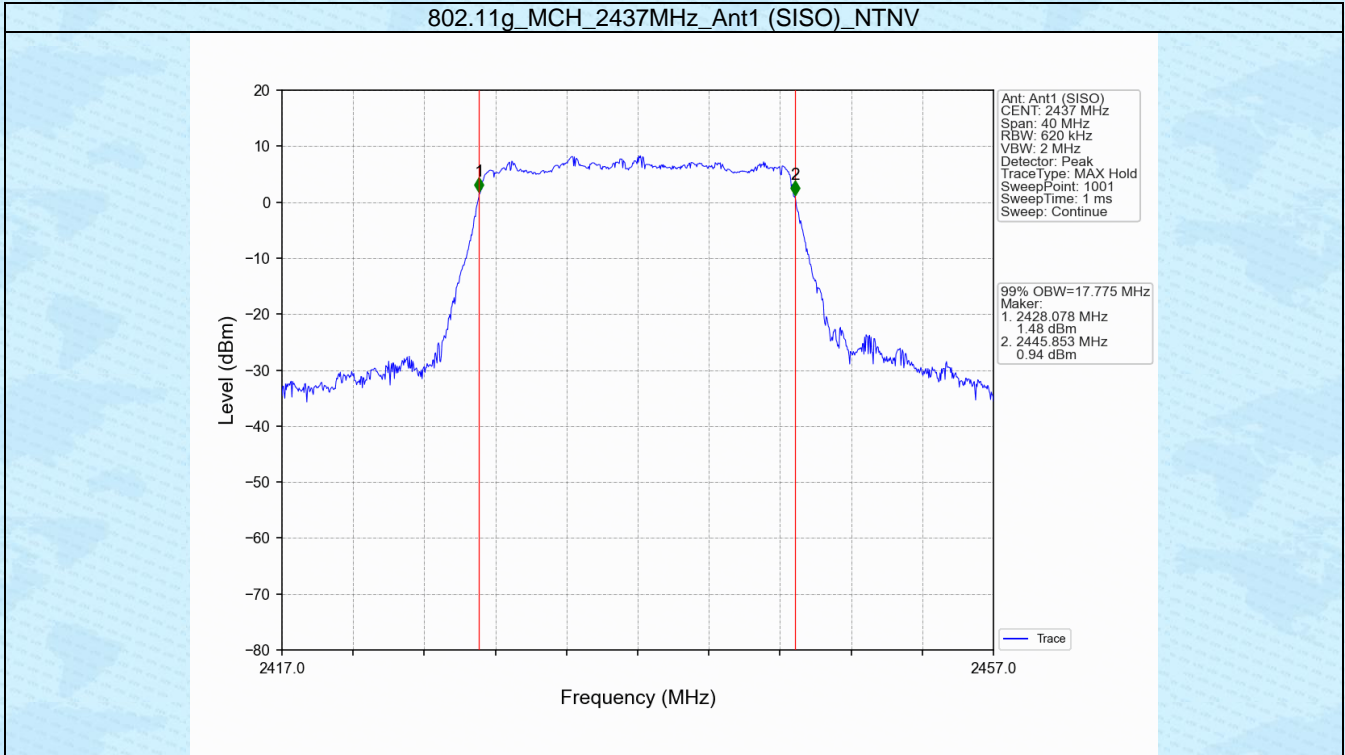
#### 1.1.1 Test Result

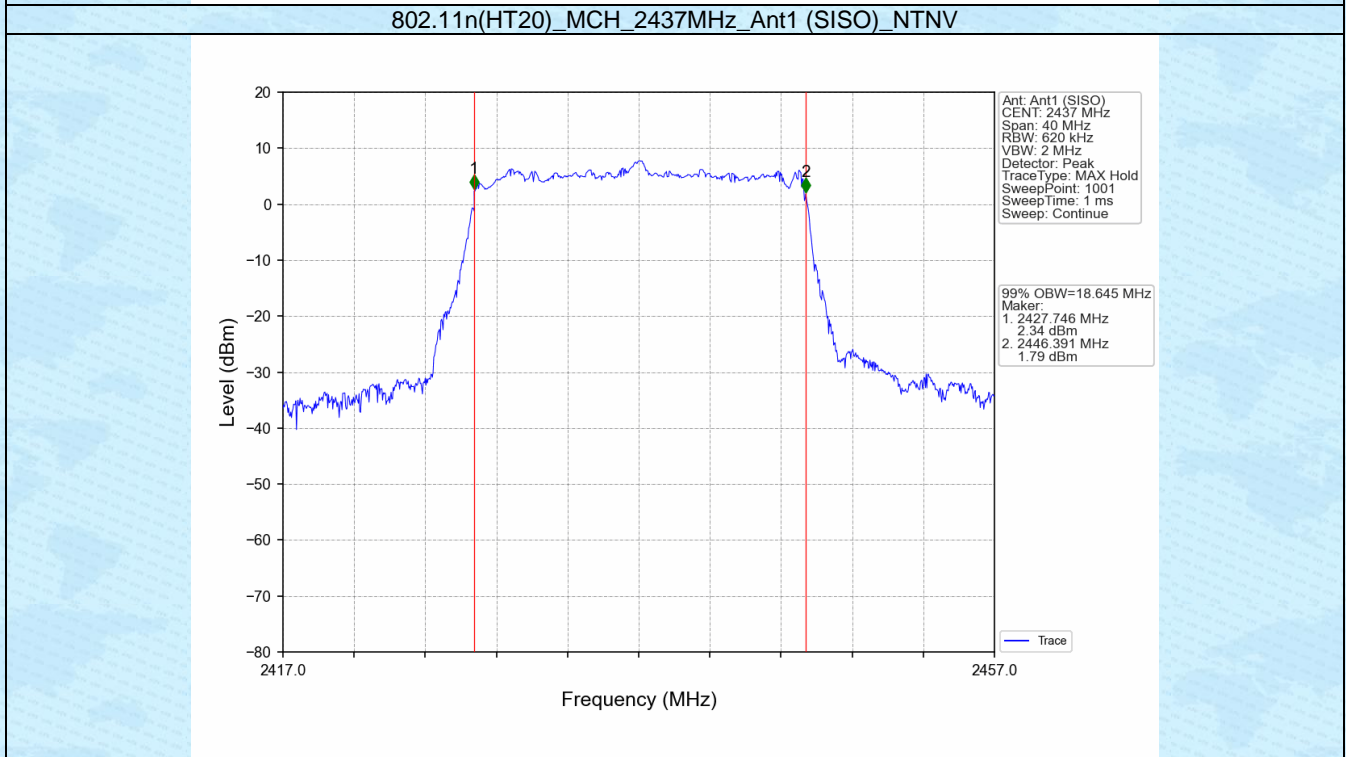
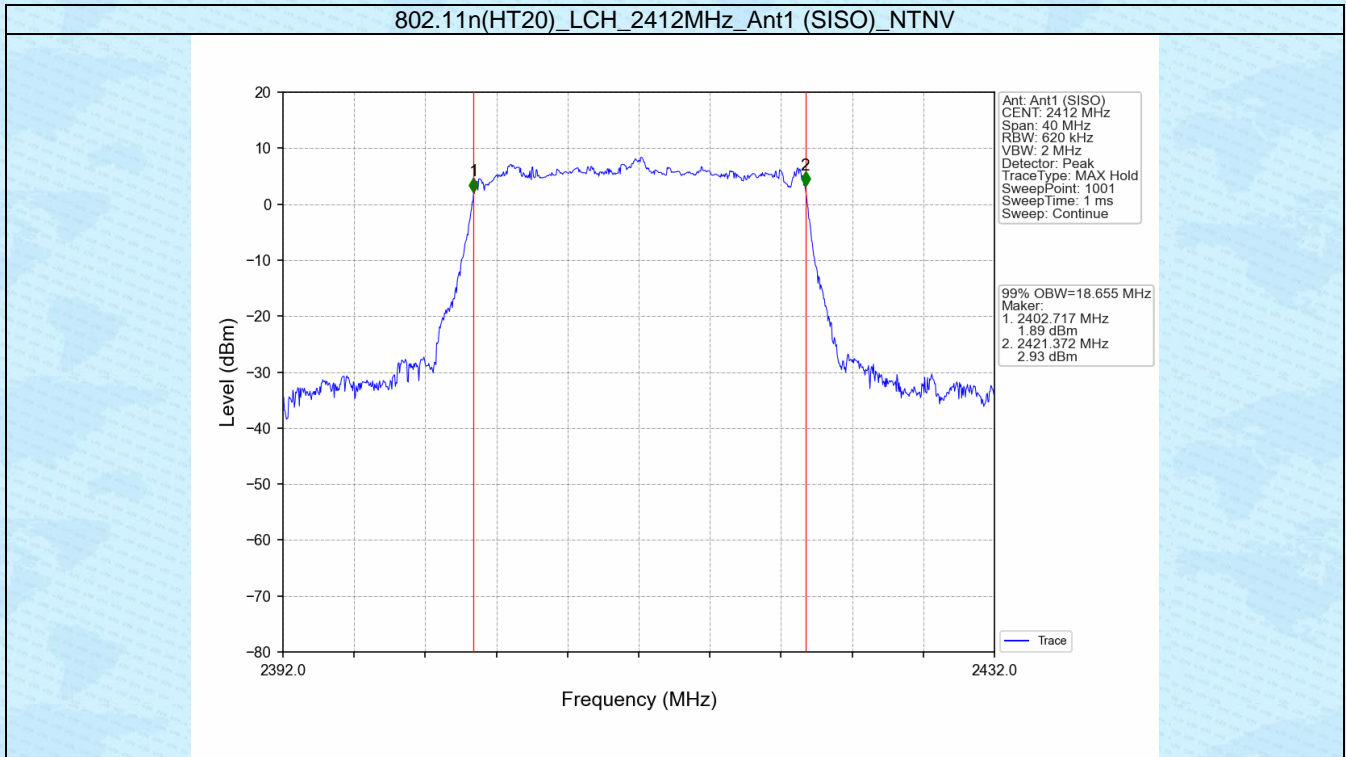
Mode	TX Type	Frequency (MHz)	ANT	99% Occupied Bandwidth (MHz)	Verdict
				Result	
802.11b	SISO	2412	1	14.821	Pass
		2437	1	14.882	Pass
		2462	1	14.885	Pass
802.11g	SISO	2412	1	17.766	Pass
		2437	1	17.775	Pass
		2462	1	17.769	Pass
802.11n (HT20)	SISO	2412	1	18.655	Pass
		2437	1	18.645	Pass
		2462	1	18.669	Pass
802.11n (HT40)	SISO	2422	1	36.689	Pass
		2437	1	36.633	Pass
		2452	1	36.591	Pass

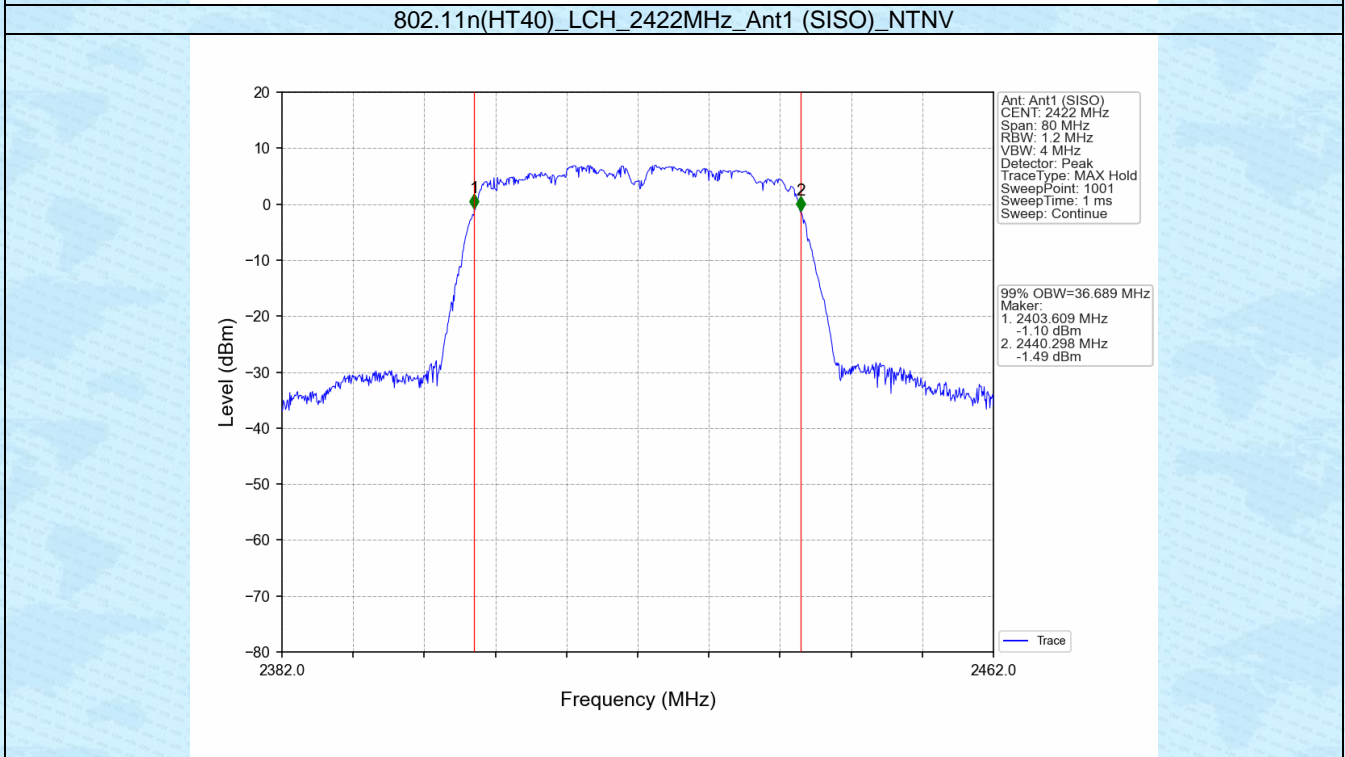
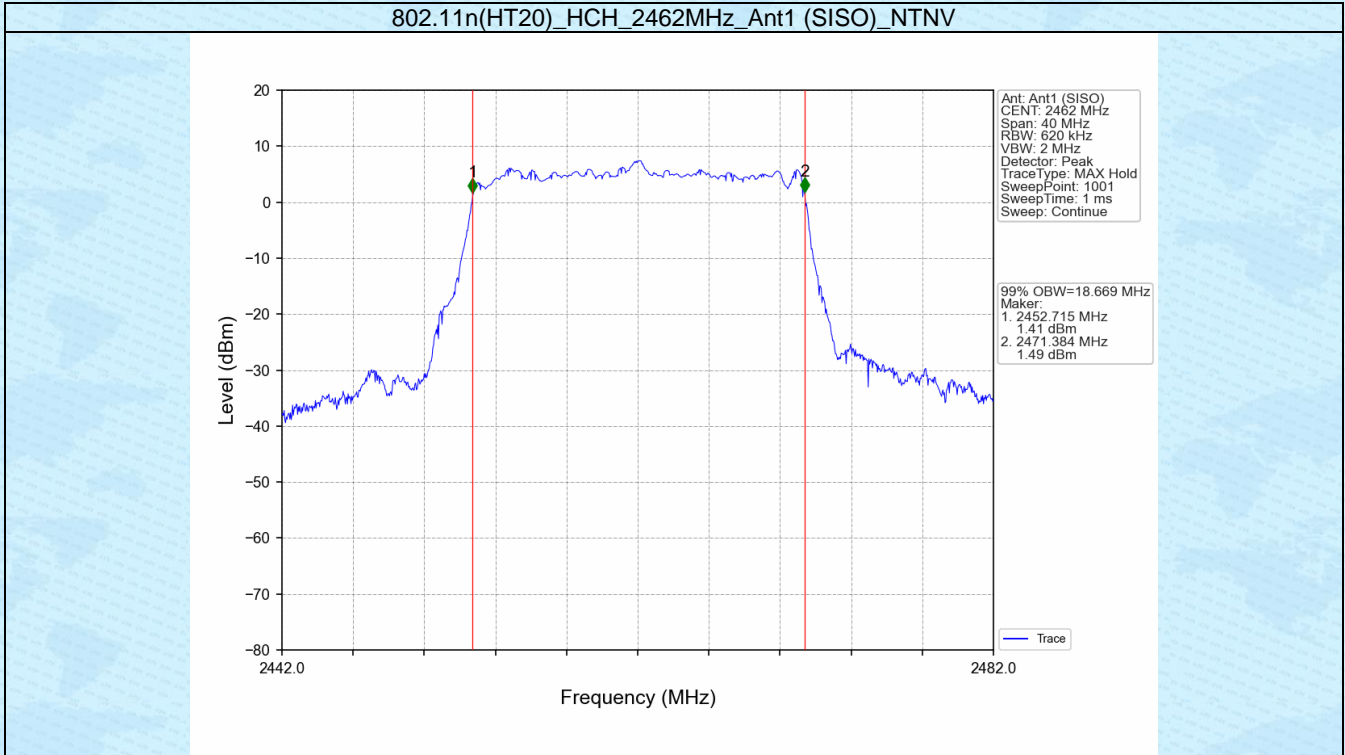
## 1.1.2 Test Graph



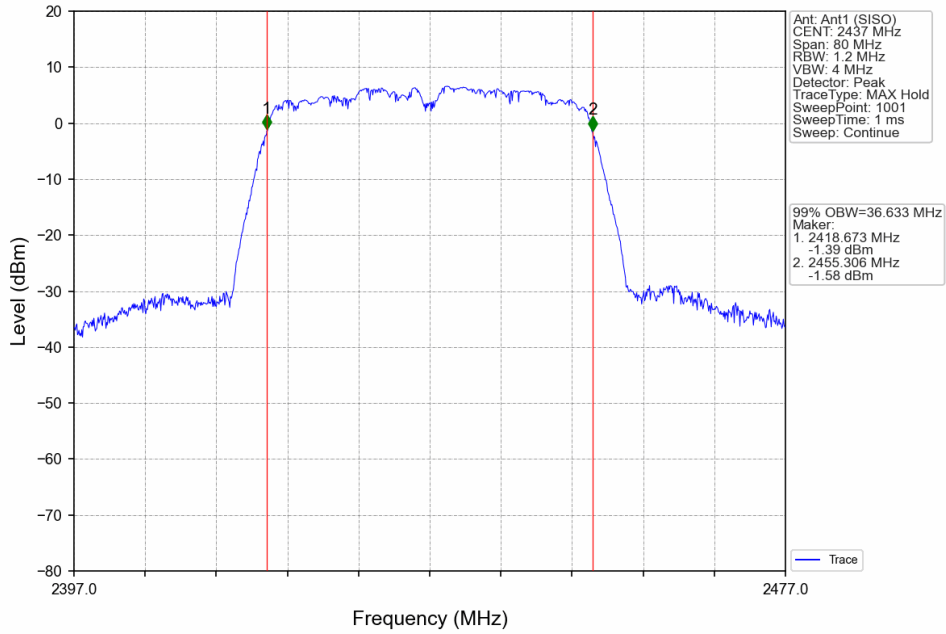




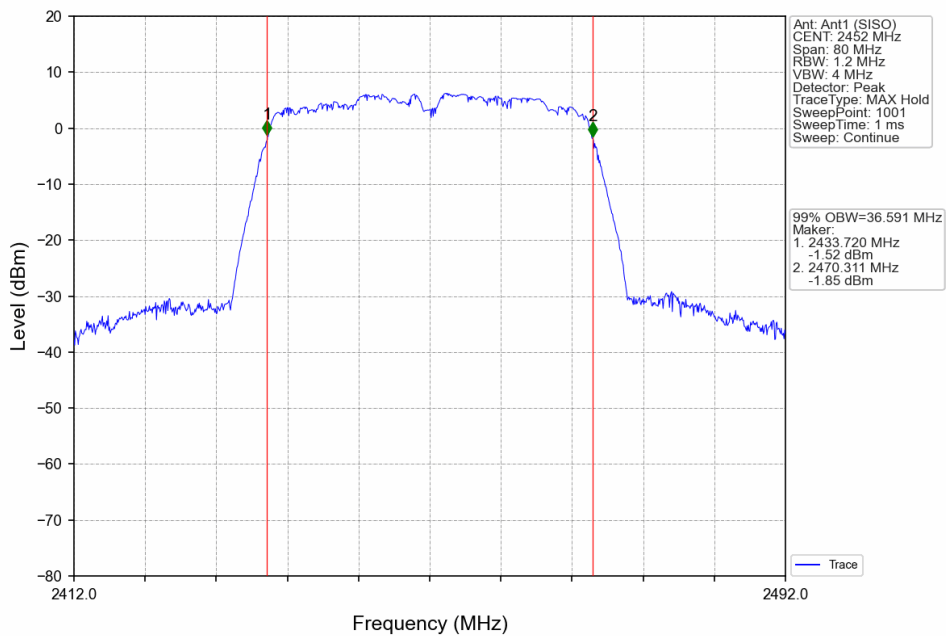




802.11n(HT40)\_MCH\_2437MHz\_Ant1 (SISO)\_NTNV



802.11n(HT40)\_HCH\_2452MHz\_Ant1 (SISO)\_NTNV



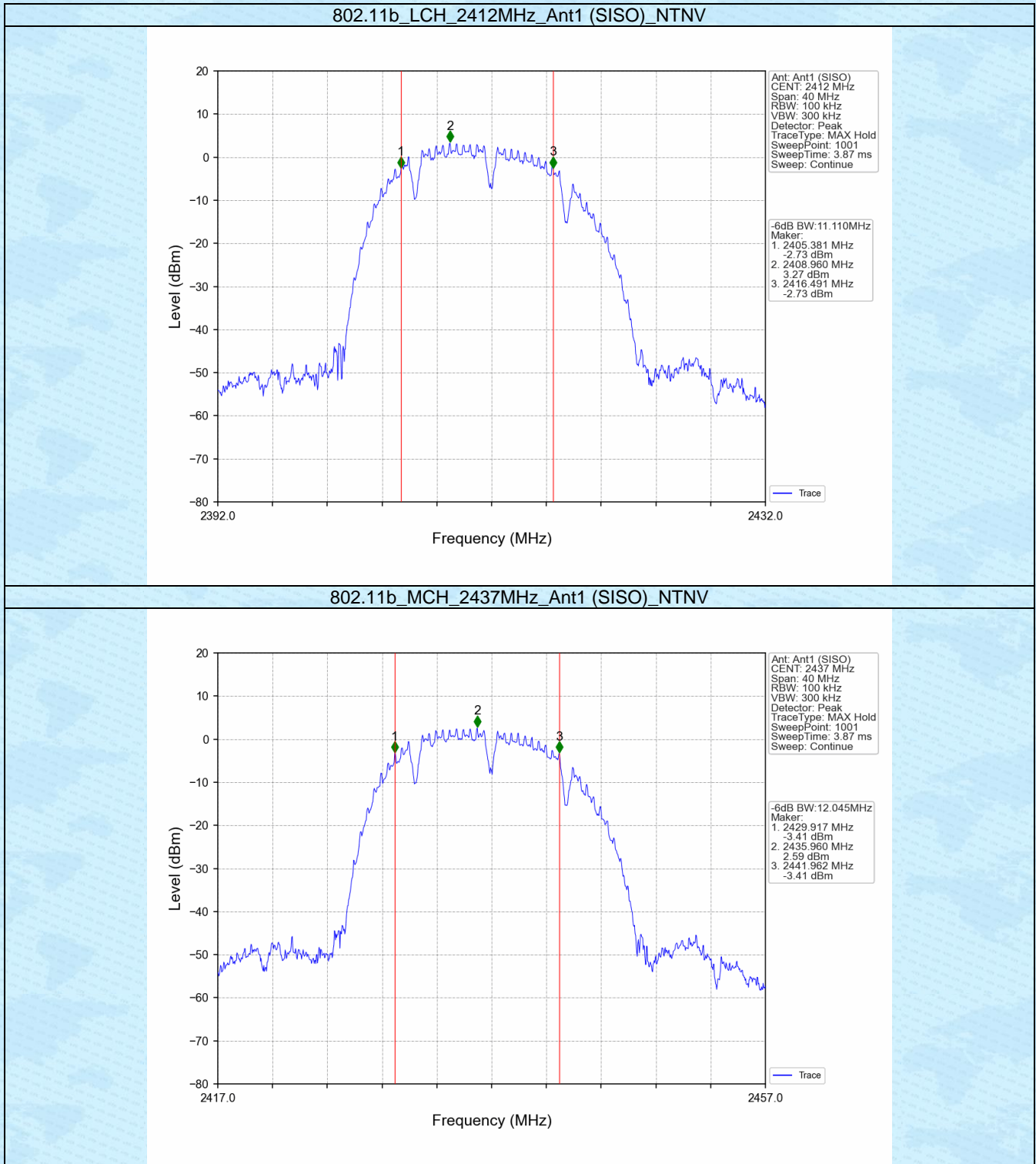
## 1.2 6dB BW

### 1.2.1 Test Result

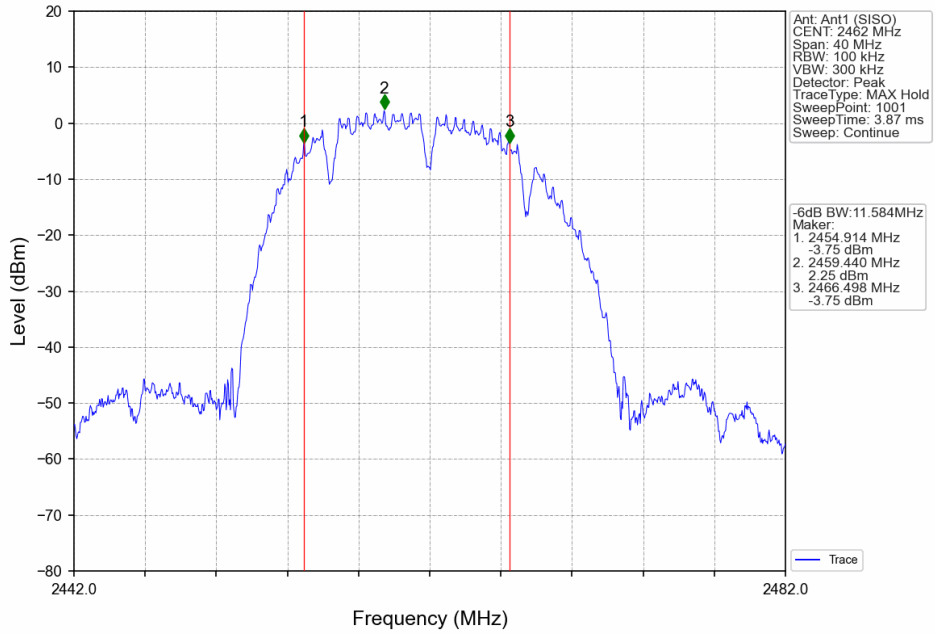
Mode	TX Type	Frequency (MHz)	ANT	6dB Bandwidth (MHz)		Verdict
				Result	Limit	
802.11b	SISO	2412	1	11.110	>=0.5	Pass
		2437	1	12.045	>=0.5	Pass
		2462	1	11.584	>=0.5	Pass
802.11g	SISO	2412	1	16.964	>=0.5	Pass
		2437	1	16.922	>=0.5	Pass
		2462	1	16.977	>=0.5	Pass
802.11n (HT20)	SISO	2412	1	18.285	>=0.5	Pass
		2437	1	17.372	>=0.5	Pass
		2462	1	17.324	>=0.5	Pass
802.11n (HT40)	SISO	2422	1	35.193	>=0.5	Pass
		2437	1	35.191	>=0.5	Pass
		2452	1	35.168	>=0.5	Pass



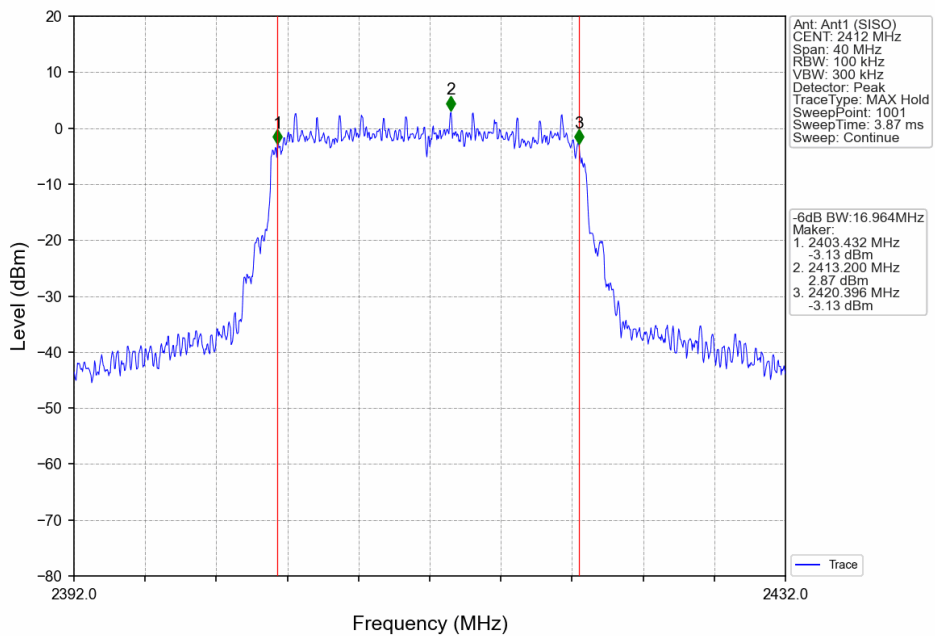
## 1.2.2 Test Graph

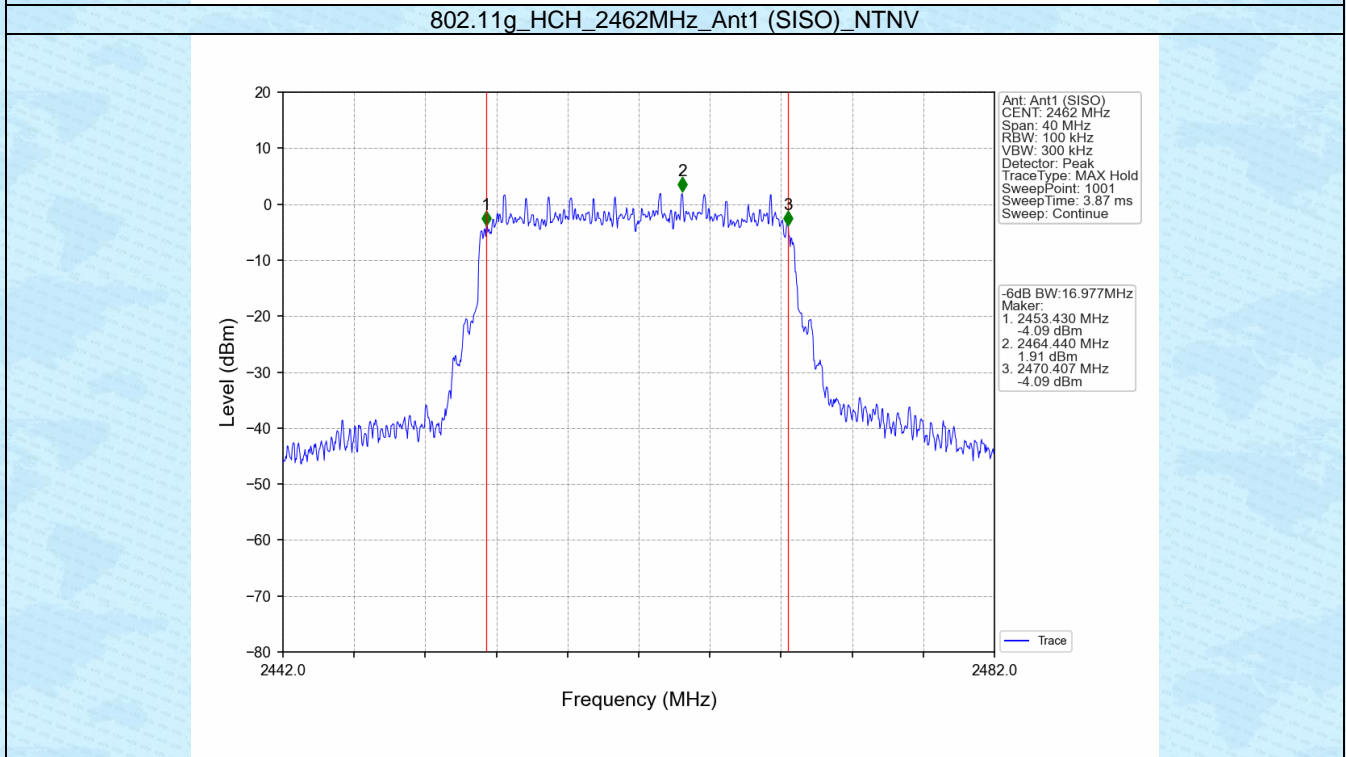
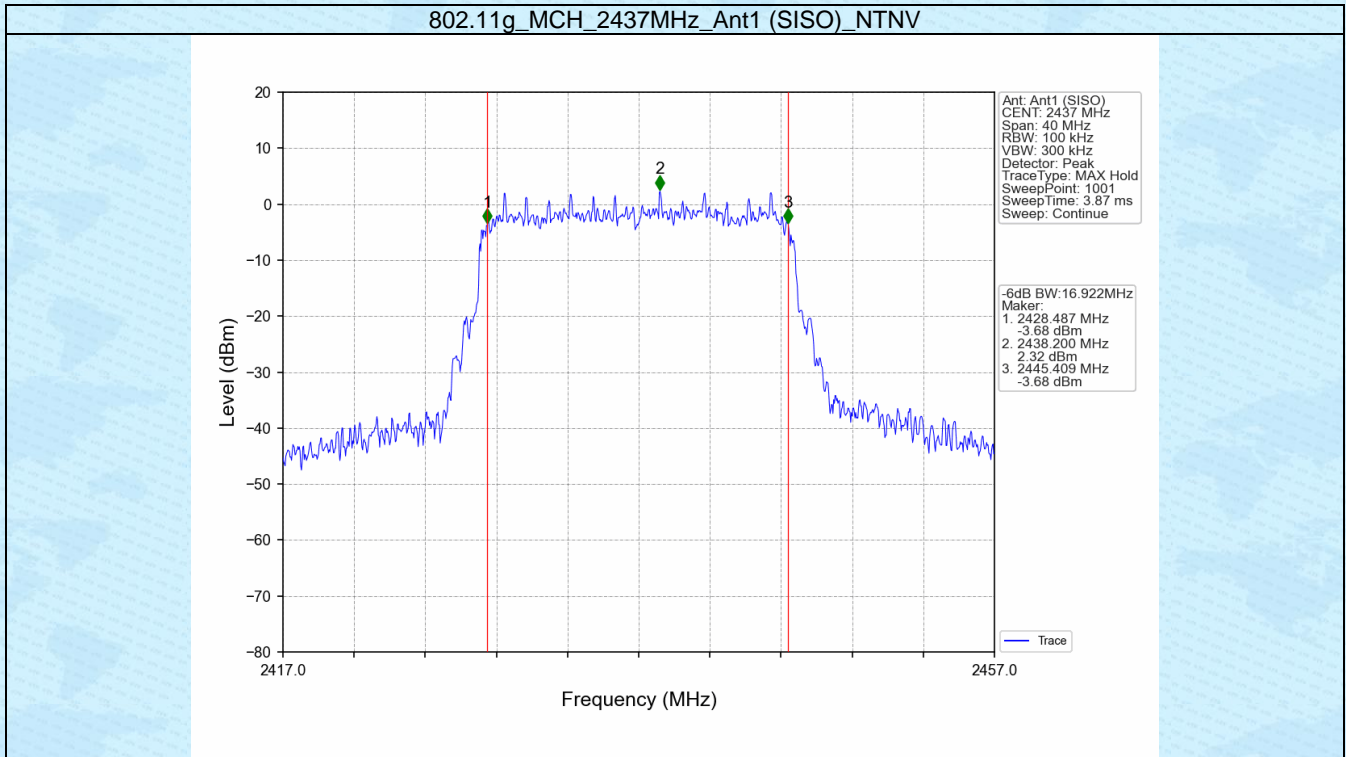


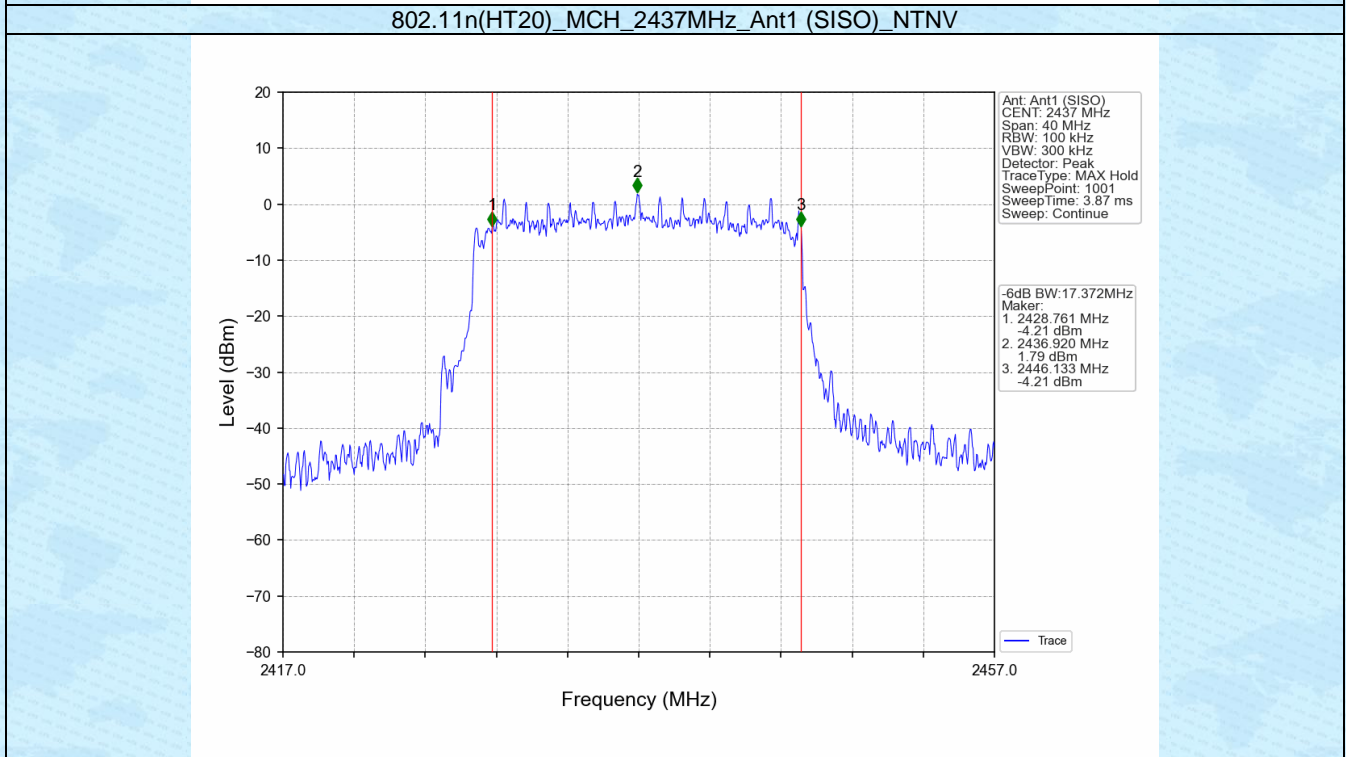
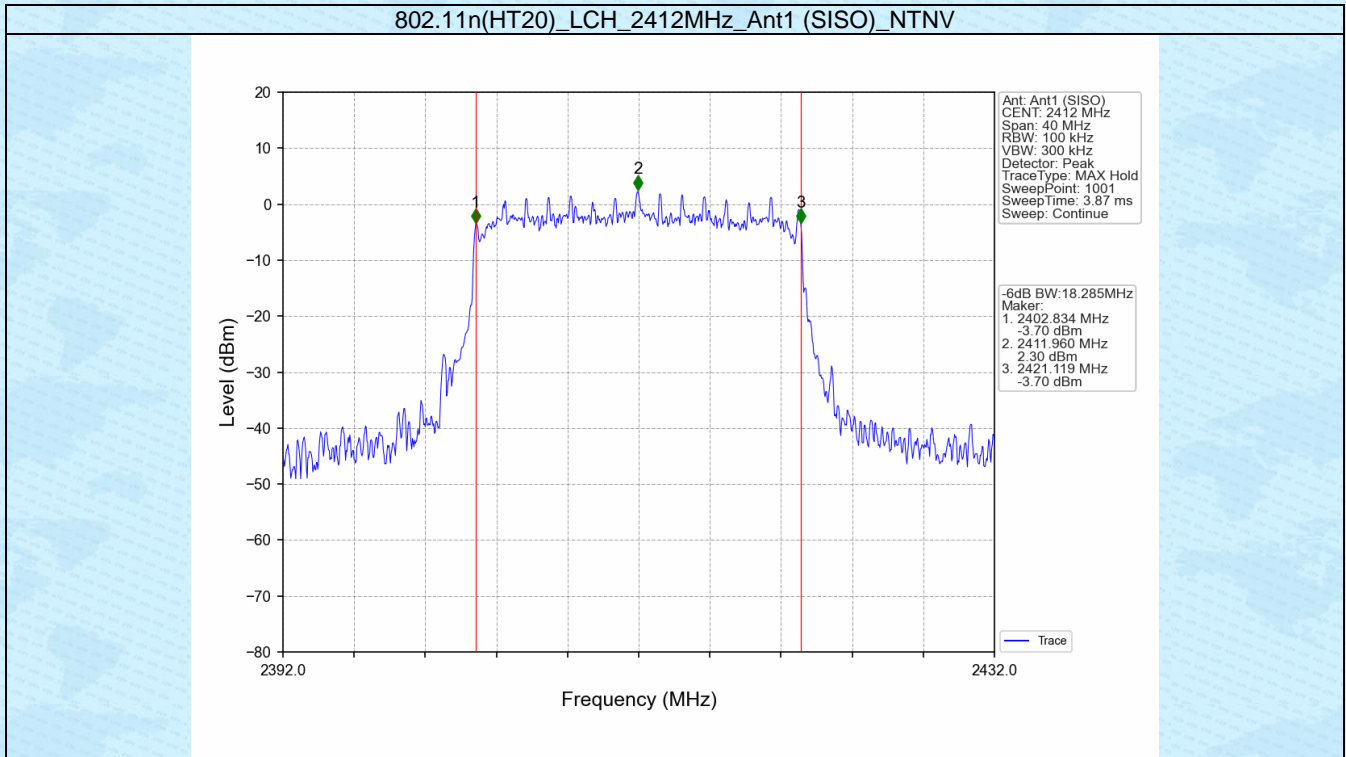
802.11b\_HCH\_2462MHz\_Ant1 (SISO)\_NTNV



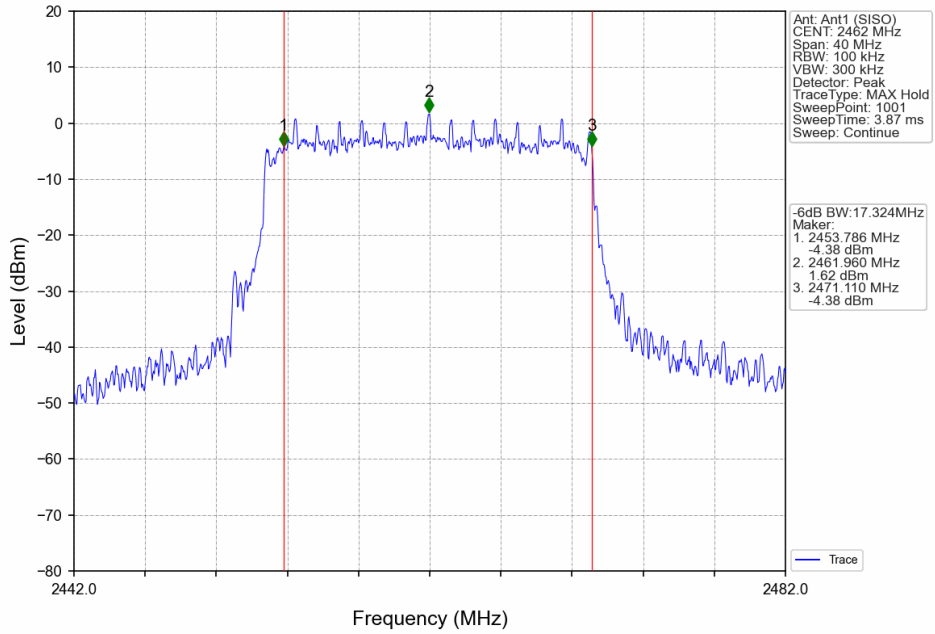
802.11g\_LCH\_2412MHz\_Ant1 (SISO)\_NTNV



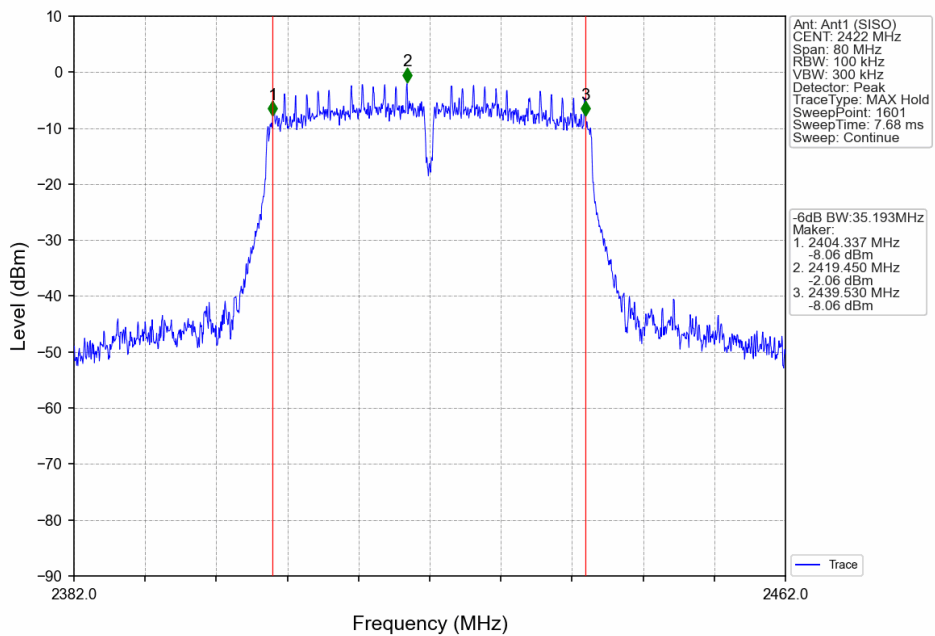




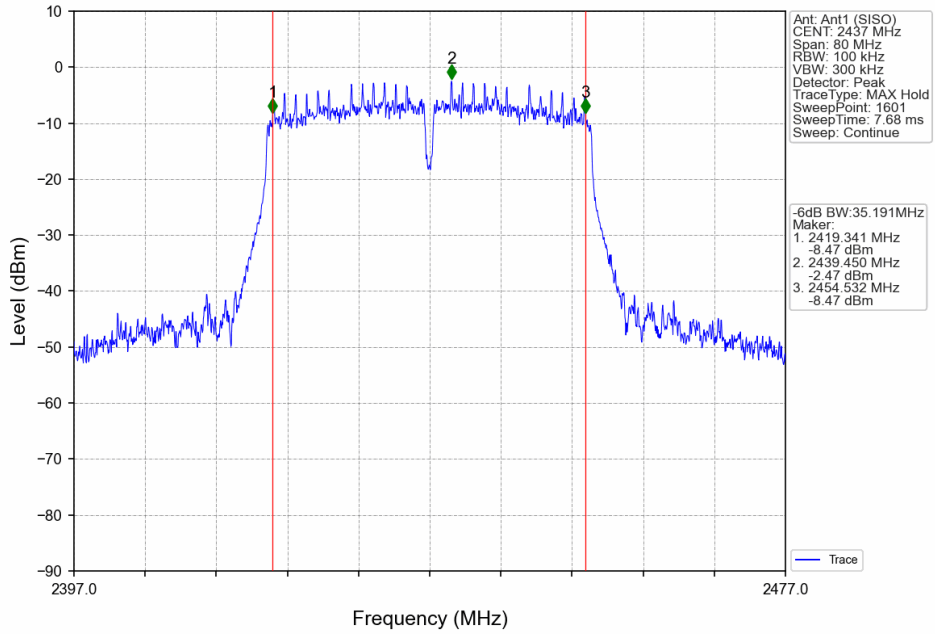
802.11n(HT20)\_HCH\_2462MHz\_Ant1 (SISO)\_NTNV



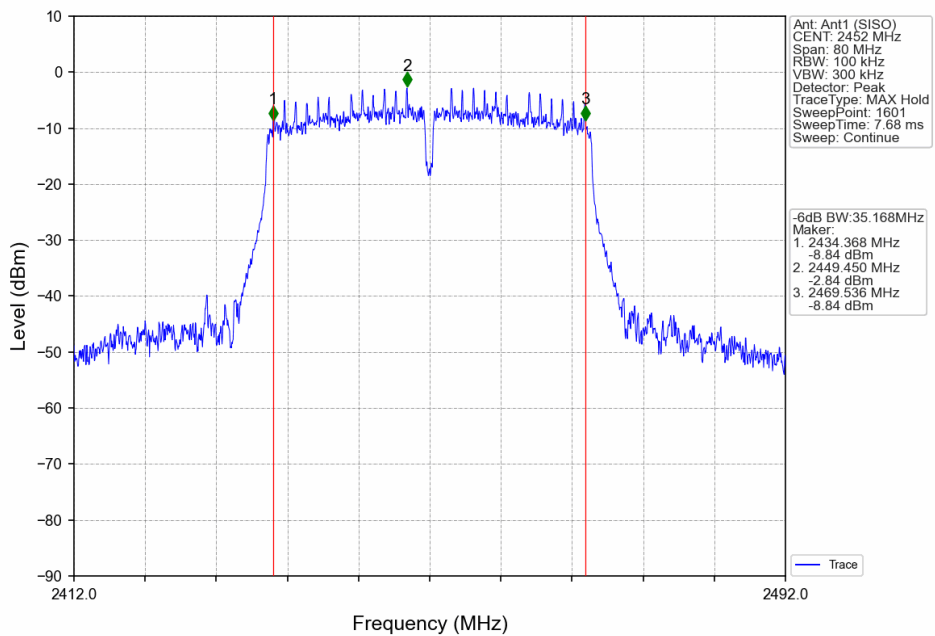
802.11n(HT40)\_LCH\_2422MHz\_Ant1 (SISO)\_NTNV



802.11n(HT40)\_MCH\_2437MHz\_Ant1 (SISO)\_NTNV



802.11n(HT40)\_HCH\_2452MHz\_Ant1 (SISO)\_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	
802.11b	SISO	2412	17.20	<=30	Pass
		2437	16.73	<=30	Pass
		2462	16.13	<=30	Pass
802.11g	SISO	2412	21.56	<=30	Pass
		2437	21.01	<=30	Pass
		2462	20.71	<=30	Pass
802.11n (HT20)	SISO	2412	20.92	<=30	Pass
		2437	20.24	<=30	Pass
		2462	19.87	<=30	Pass
802.11n (HT40)	SISO	2422	19.00	<=30	Pass
		2437	18.62	<=30	Pass
		2452	18.27	<=30	Pass

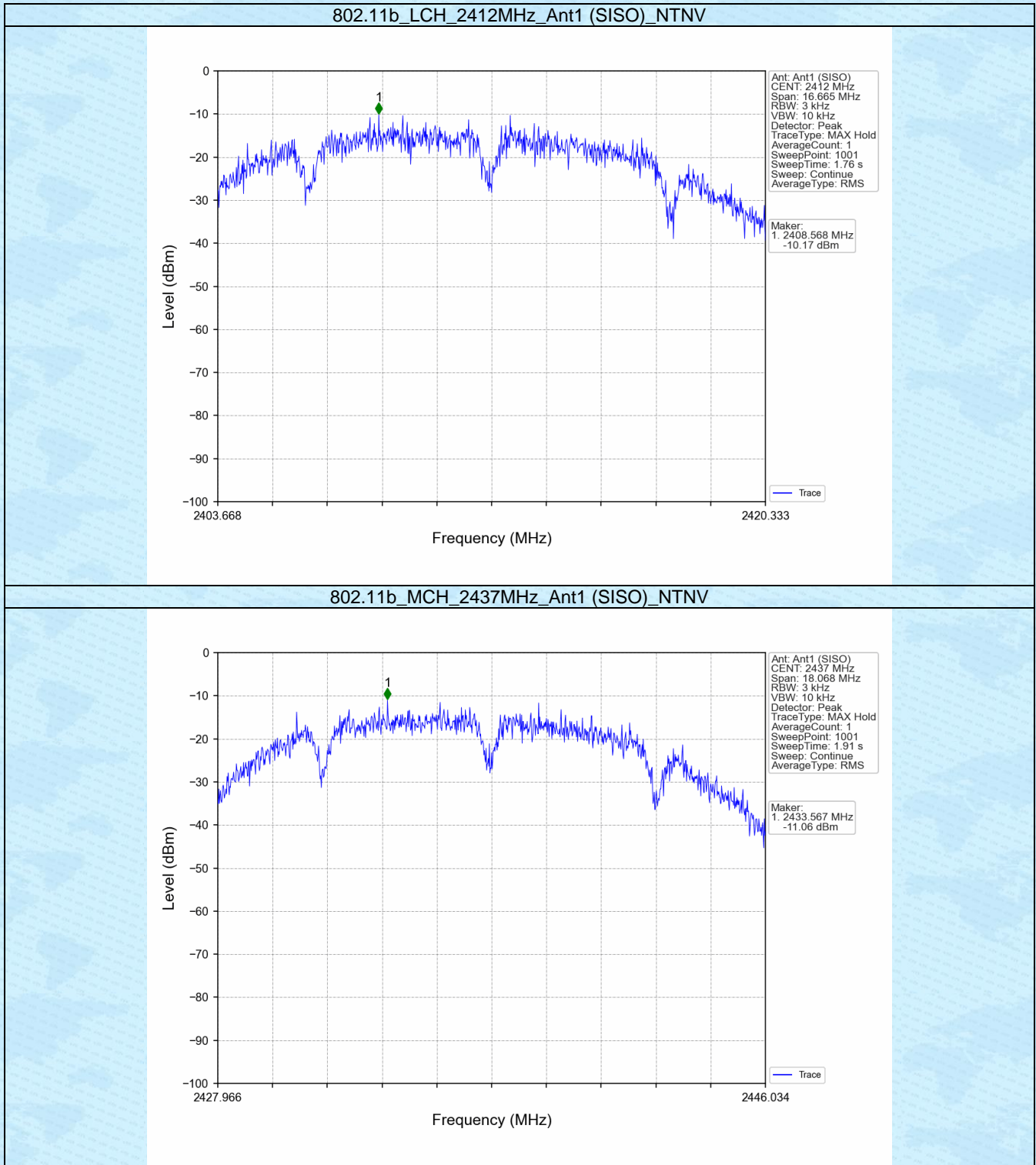
## 3. Maximum Power Spectral Density

### 3.1 PSD

#### 3.1.1 Test Result

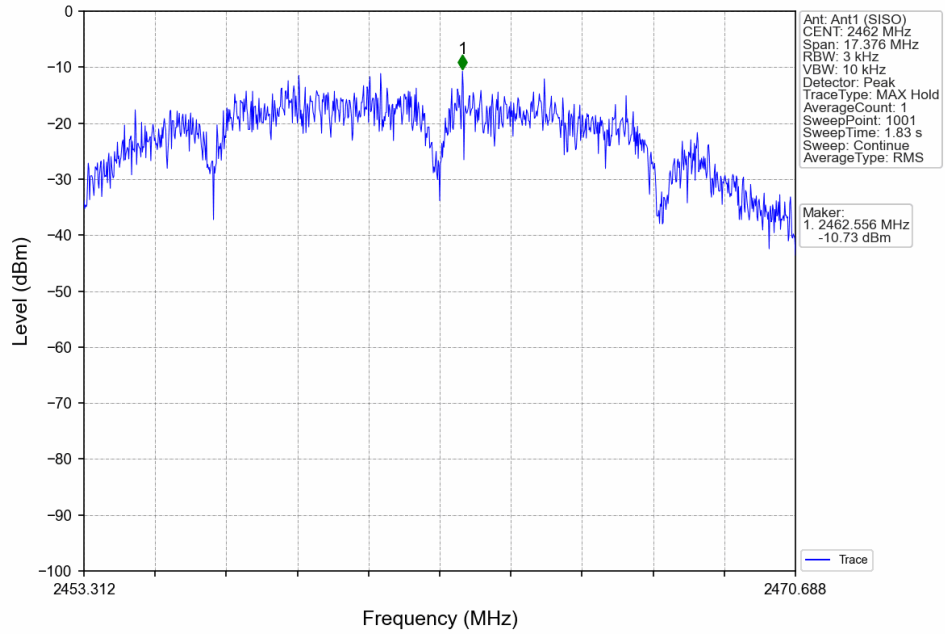
Mode	TX Type	Frequency (MHz)	Maximum PSD (dBm/3kHz)		Verdict
			ANT1	Limit	
802.11b	SISO	2412	-10.17	<=8	Pass
		2437	-11.06	<=8	Pass
		2462	-10.73	<=8	Pass
802.11g	SISO	2412	-10.53	<=8	Pass
		2437	-12.48	<=8	Pass
		2462	-12.56	<=8	Pass
802.11n (HT20)	SISO	2412	-12.89	<=8	Pass
		2437	-14.50	<=8	Pass
		2462	-13.84	<=8	Pass
802.11n (HT40)	SISO	2422	-17.80	<=8	Pass
		2437	-18.46	<=8	Pass
		2452	-18.23	<=8	Pass

## 3.1.2 Test Graph

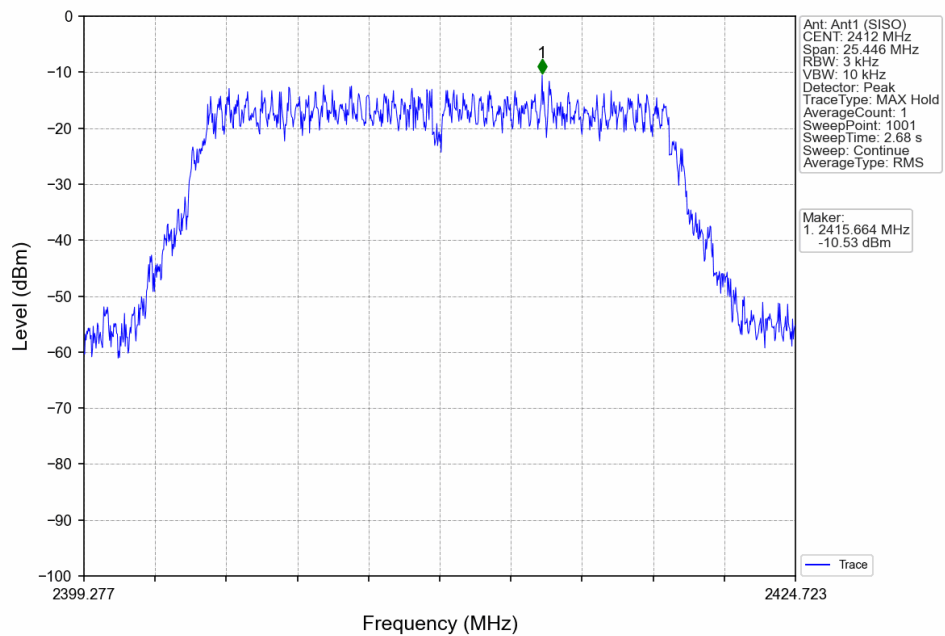




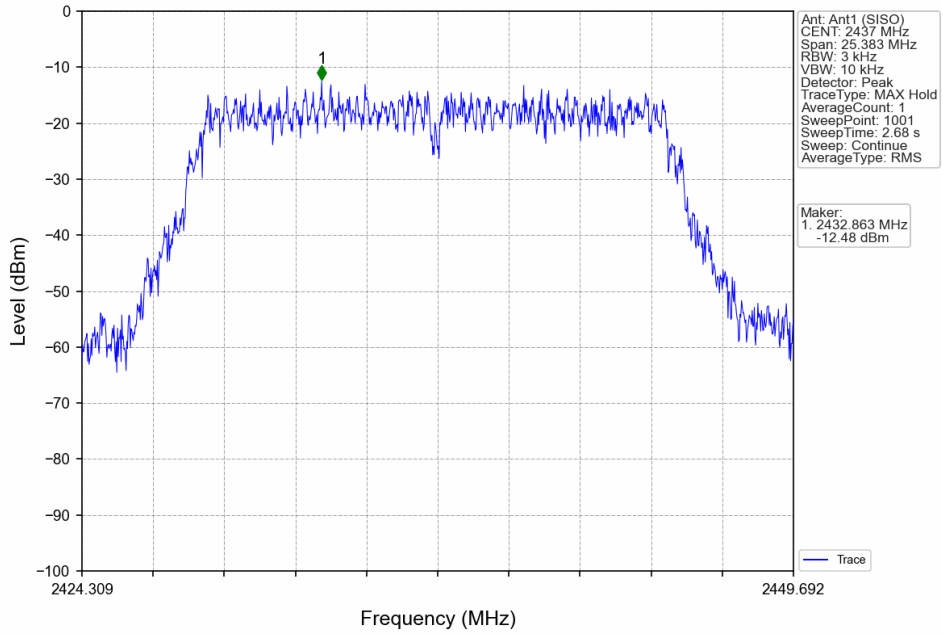
802.11b\_HCH\_2462MHz\_Ant1 (SISO)\_NTNV



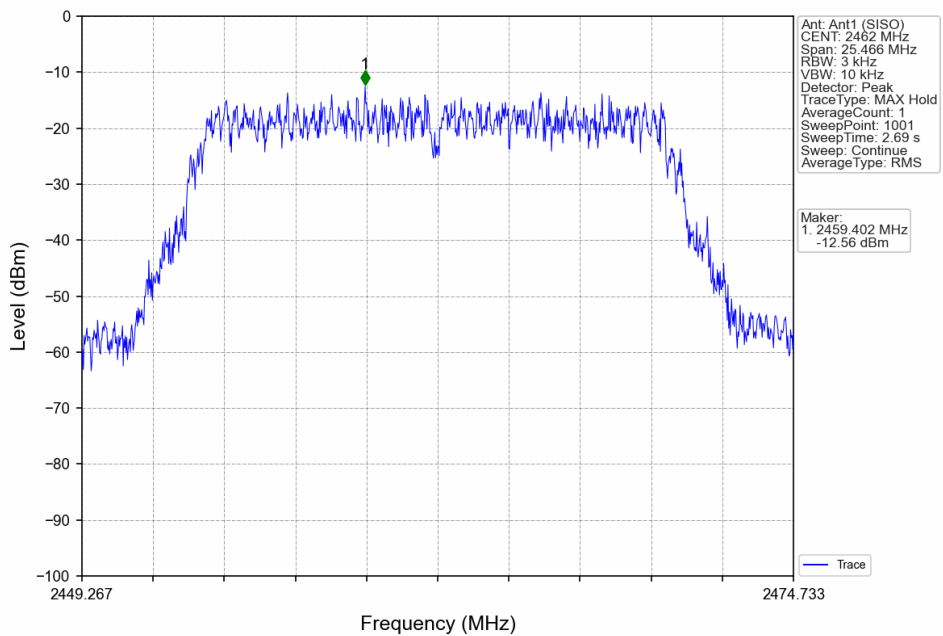
802.11g\_LCH\_2412MHz\_Ant1 (SISO)\_NTNV



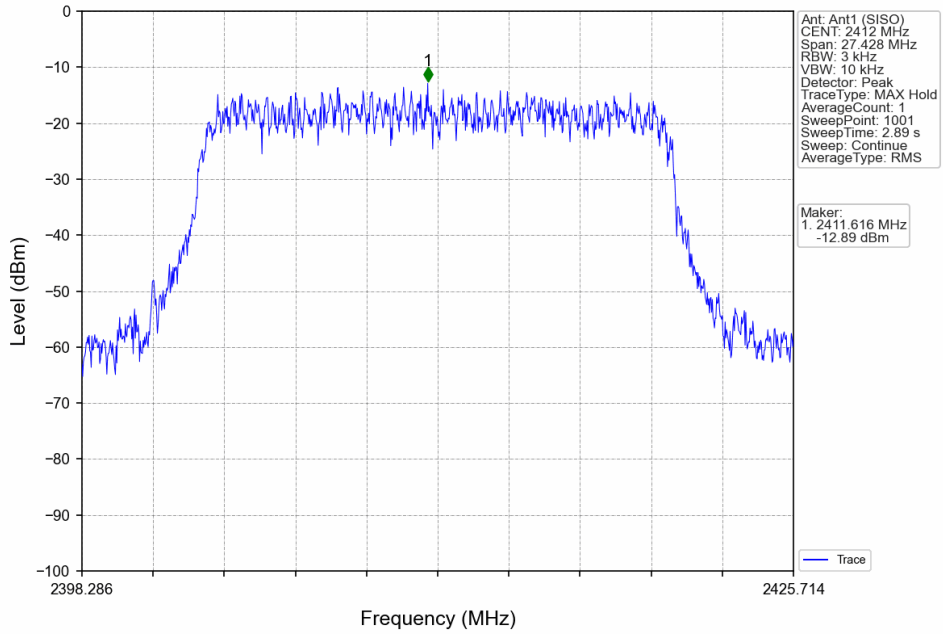
802.11g\_MCH\_2437MHz\_Ant1 (SISO)\_NTNV



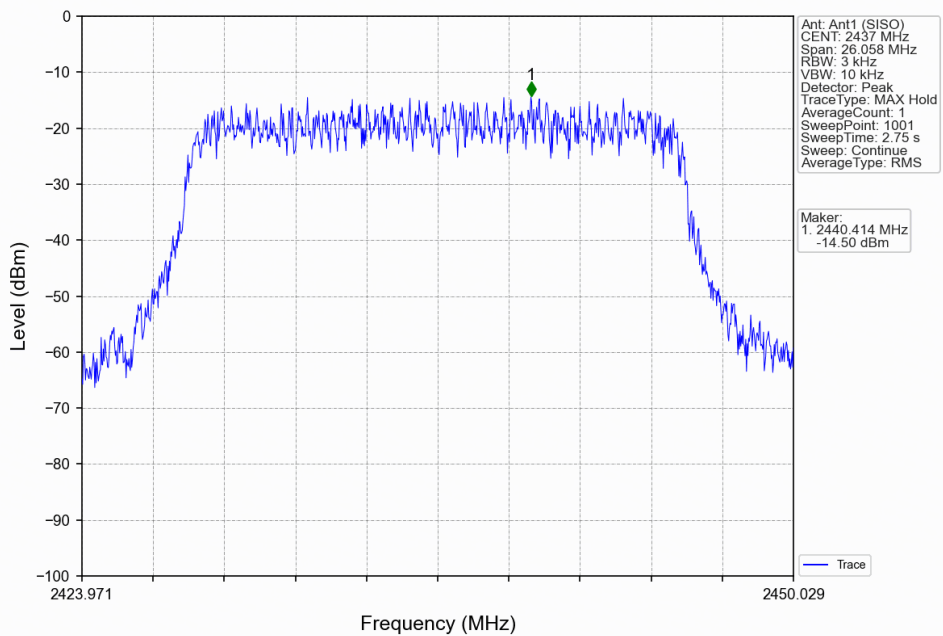
802.11g\_HCH\_2462MHz\_Ant1 (SISO)\_NTNV



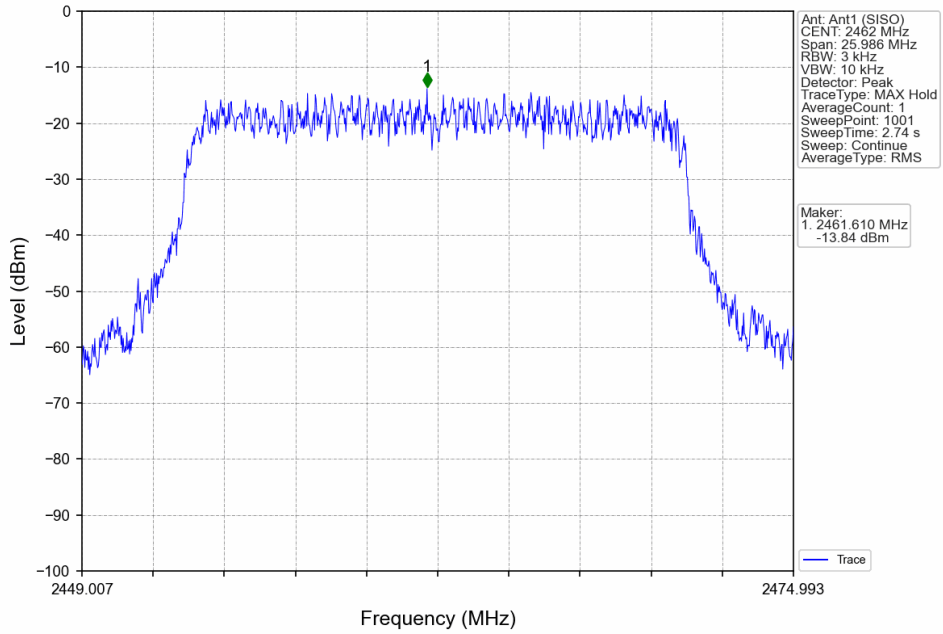
802.11n(HT20)\_LCH\_2412MHz\_Ant1 (SISO)\_NTNV



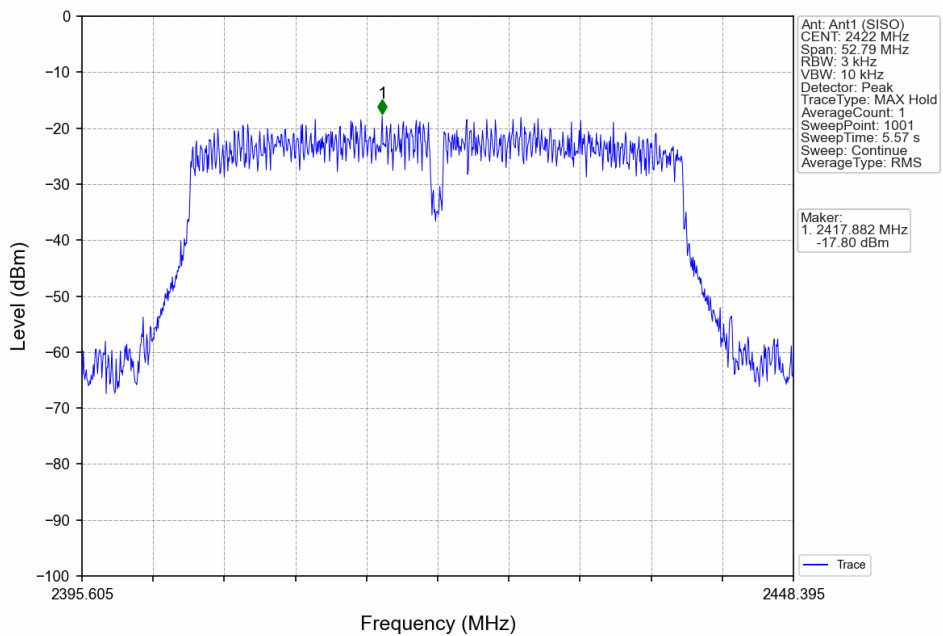
802.11n(HT20)\_MCH\_2437MHz\_Ant1 (SISO)\_NTNV



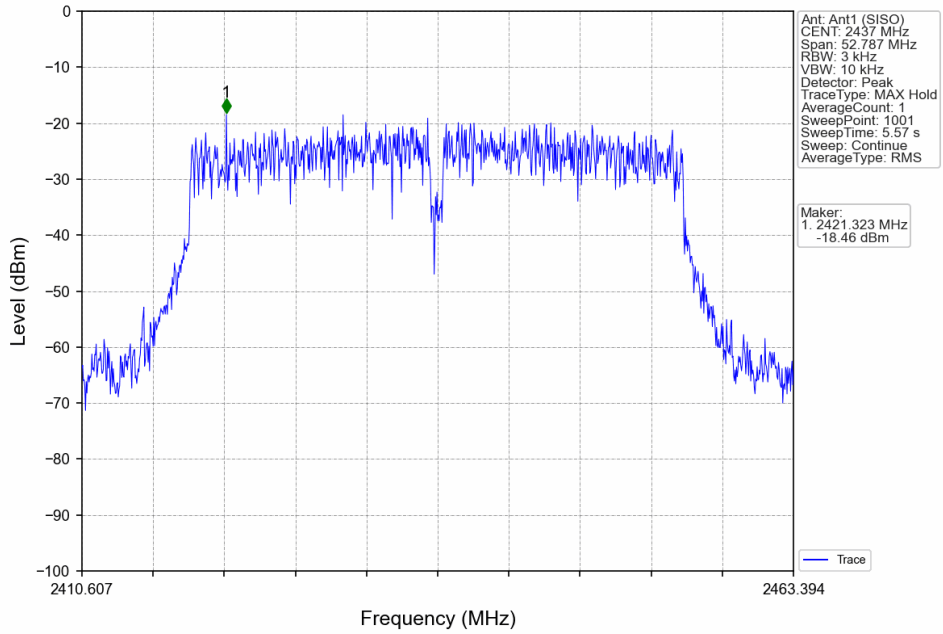
802.11n(HT20)\_HCH\_2462MHz\_Ant1 (SISO)\_NTNV



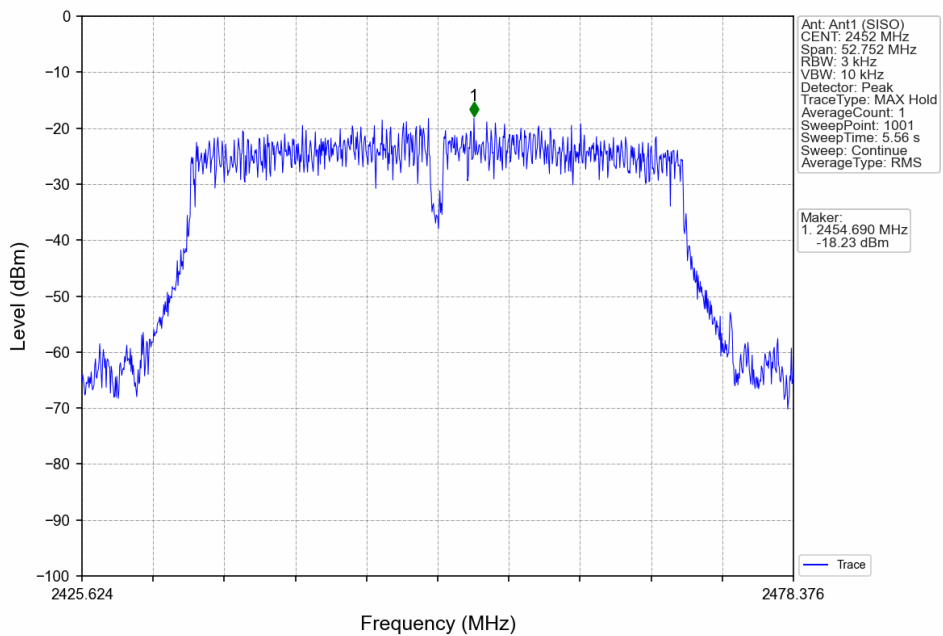
802.11n(HT40)\_LCH\_2422MHz\_Ant1 (SISO)\_NTNV



802.11n(HT40)\_MCH\_2437MHz\_Ant1 (SISO)\_NTNV



802.11n(HT40)\_HCH\_2452MHz\_Ant1 (SISO)\_NTNV



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

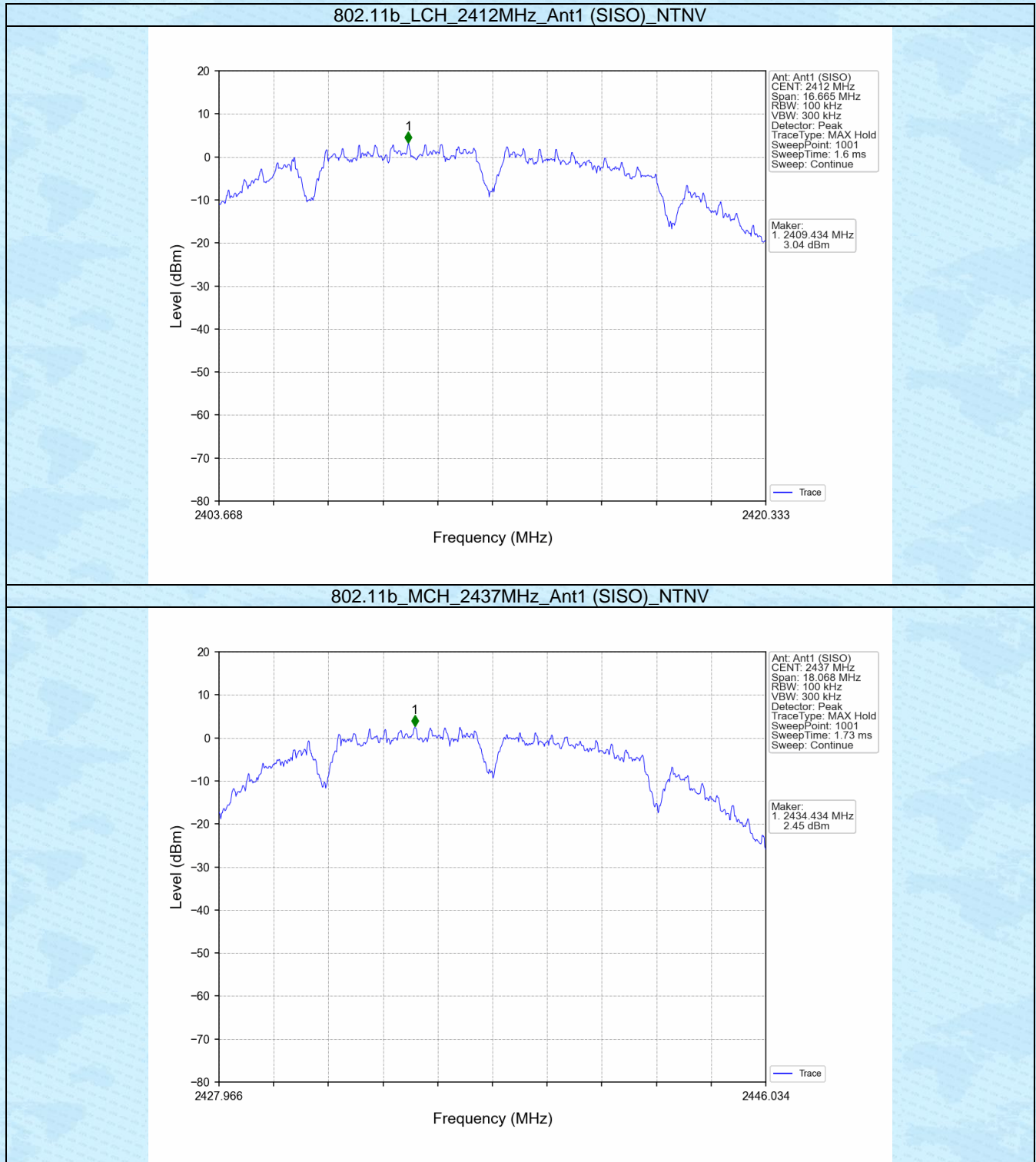
### 4.1 Ref

#### 4.1.1 Test Result

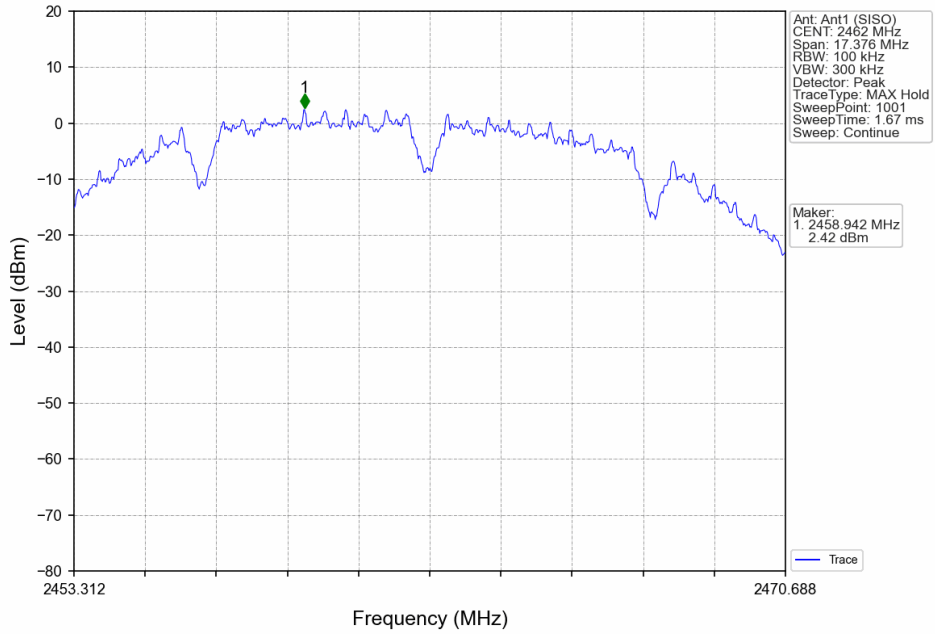
Mode	TX Type	Frequency (MHz)	ANT	Level of Reference (dBm)
802.11b	SISO	2412	1	3.04
		2437	1	2.45
		2462	1	2.42
802.11g	SISO	2412	1	2.58
		2437	1	1.74
		2462	1	1.91
802.11n (HT20)	SISO	2412	1	2.42
		2437	1	1.06
		2462	1	1.40
802.11n (HT40)	SISO	2422	1	-2.25
		2437	1	-2.70
		2452	1	-2.85

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.

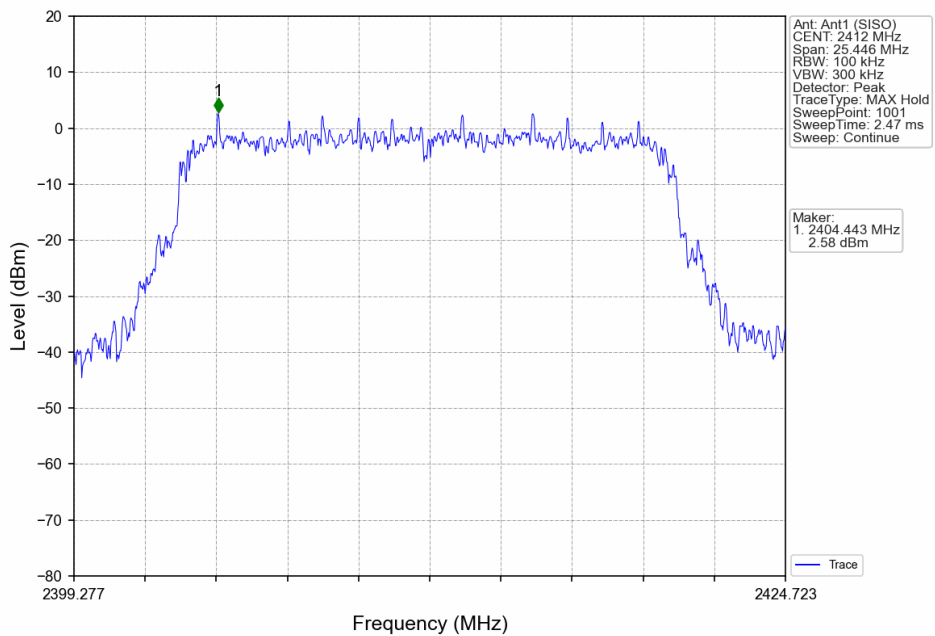
## 4.1.2 Test Graph



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

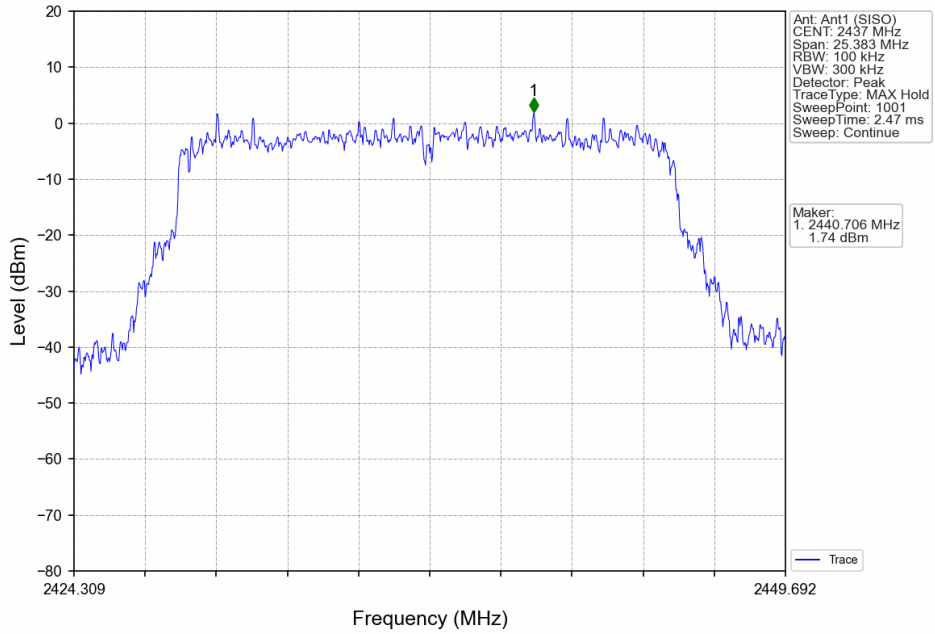


802.11g\_LCH\_2412MHz\_Ant1 (SISO)\_NTNV

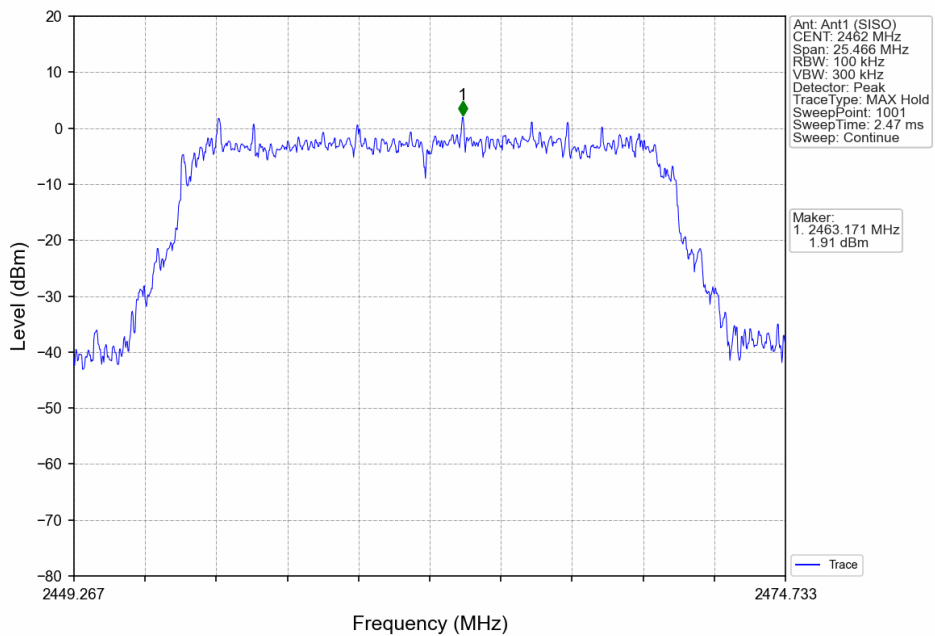




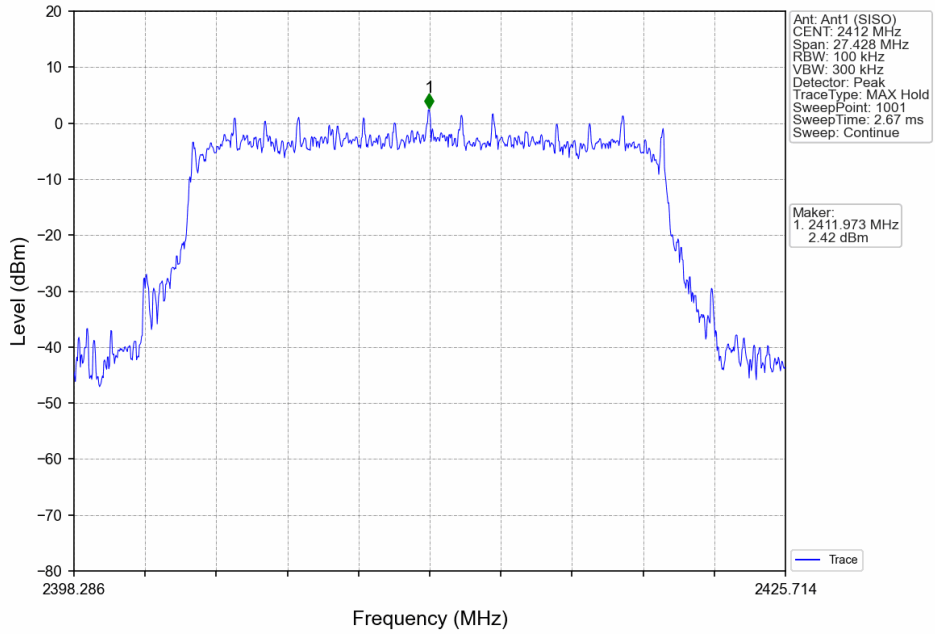
802.11g\_MCH\_2437MHz\_Ant1 (SISO)\_NTNV



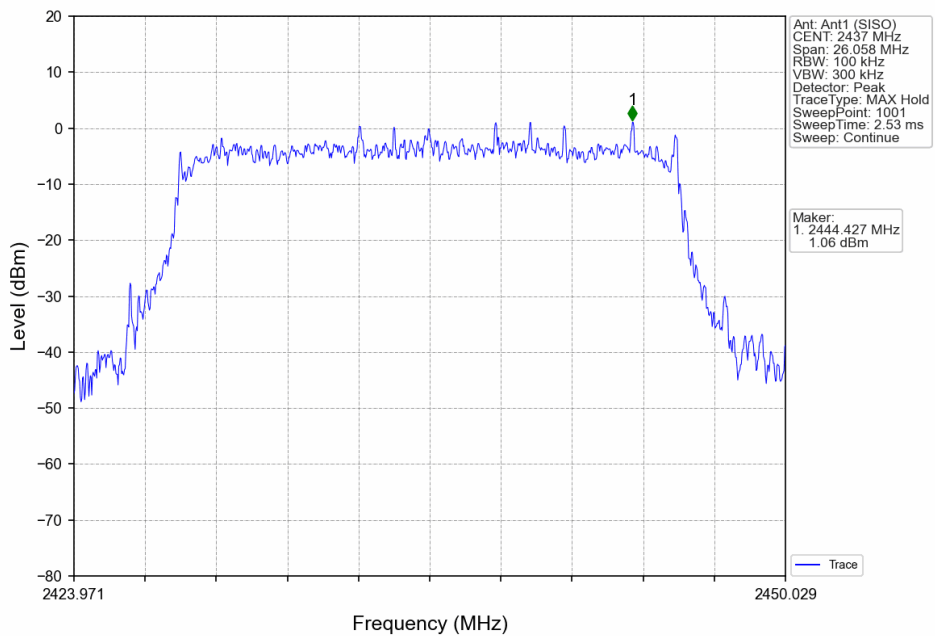
802.11g\_HCH\_2462MHz\_Ant1 (SISO)\_NTNV



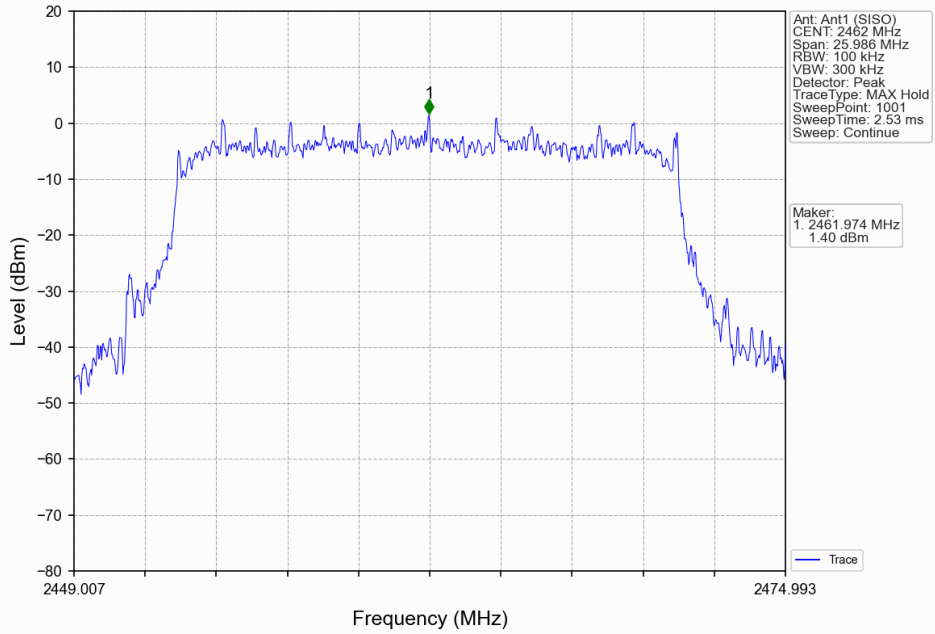
802.11n(HT20)\_LCH\_2412MHz\_Ant1 (SISO)\_NTNV



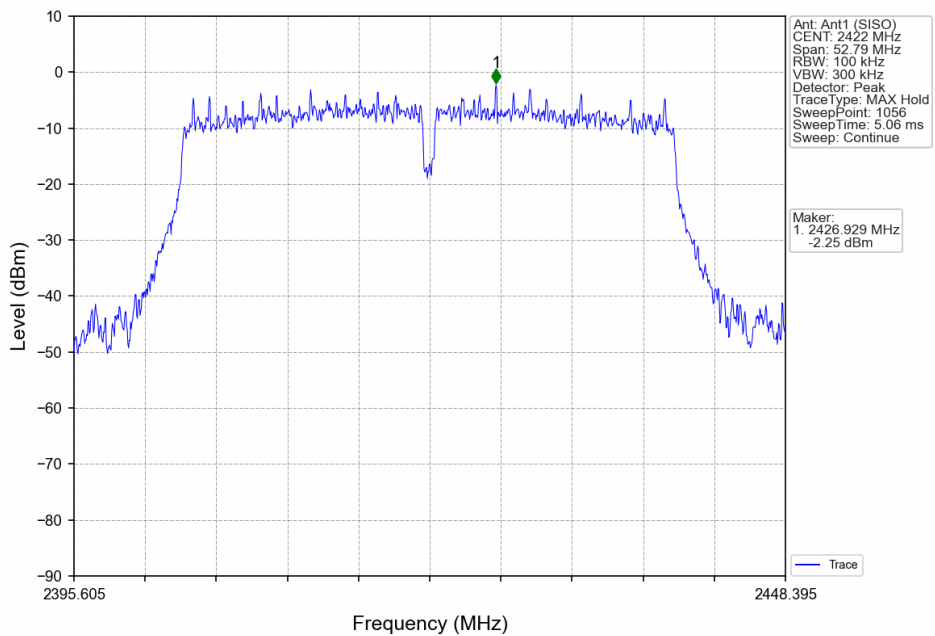
802.11n(HT20)\_MCH\_2437MHz\_Ant1 (SISO)\_NTNV



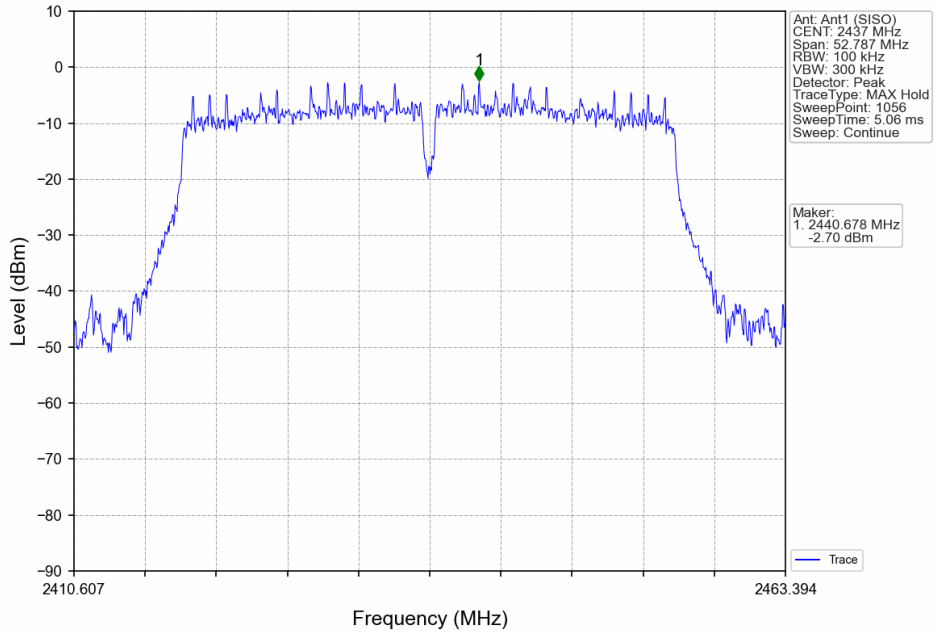
802.11n(HT20)\_HCH\_2462MHz\_Ant1 (SISO)\_NTNV



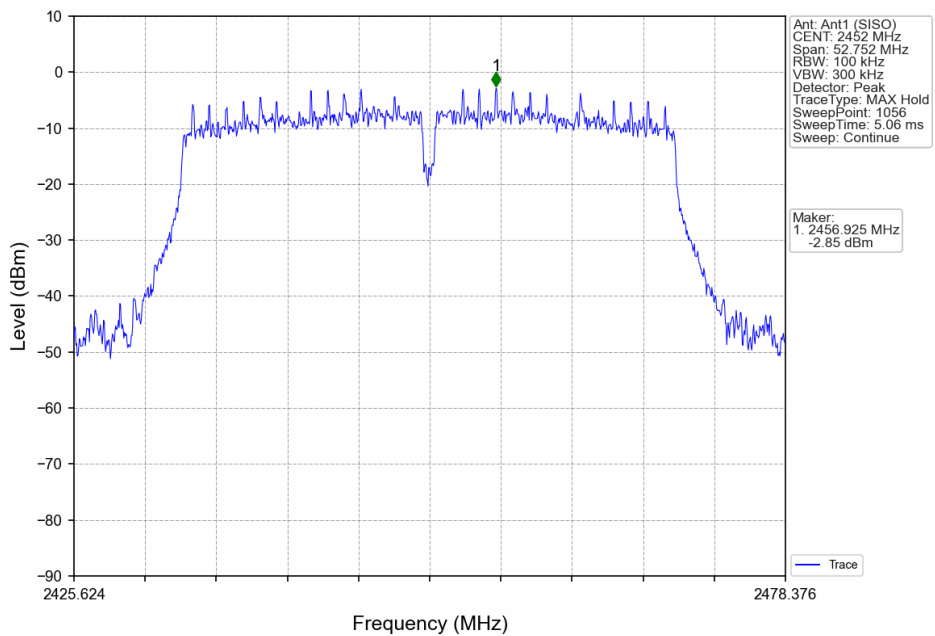
802.11n(HT40)\_LCH\_2422MHz\_Ant1 (SISO)\_NTNV



802.11n(HT40)\_MCH\_2437MHz\_Ant1 (SISO)\_NTNV



802.11n(HT40)\_HCH\_2452MHz\_Ant1 (SISO)\_NTNV



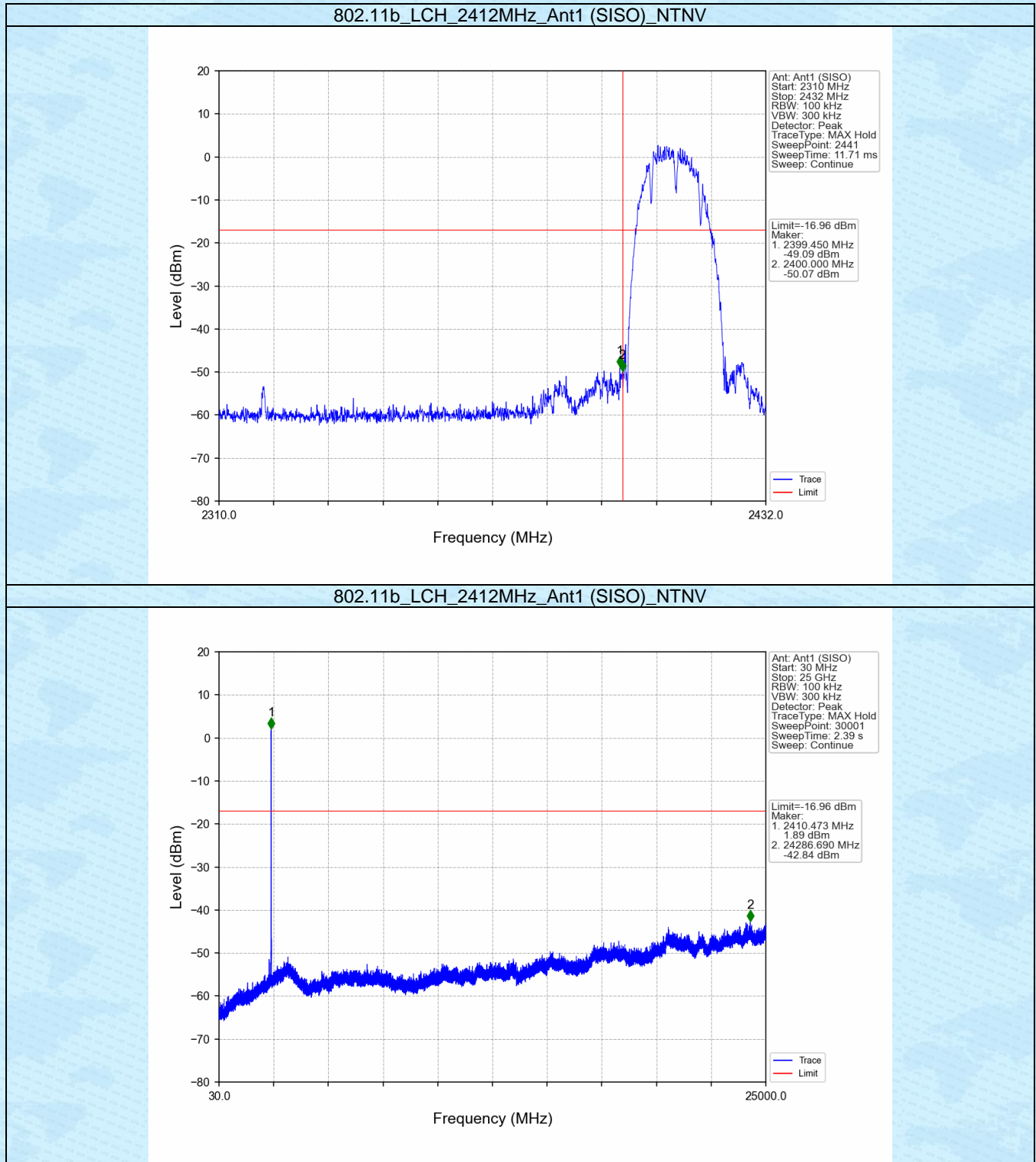
## 4.2 CSE

### 4.2.1 Test Result

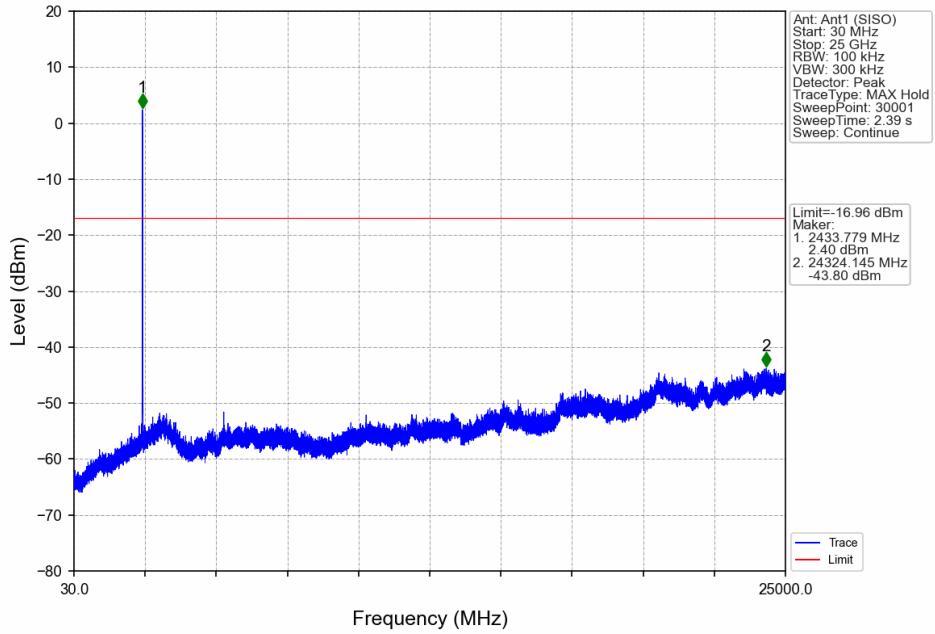
Mode	TX Type	Frequency (MHz)	ANT	Level of Reference (dBm)	Limit (dBm)	Verdict
802.11b	SISO	2412	1	3.04	-16.96	Pass
		2437	1	3.04	-16.96	Pass
		2462	1	3.04	-16.96	Pass
802.11g	SISO	2412	1	2.58	-17.42	Pass
		2437	1	2.58	-17.42	Pass
		2462	1	2.58	-17.42	Pass
802.11n (HT20)	SISO	2412	1	2.42	-17.58	Pass
		2437	1	2.42	-17.58	Pass
		2462	1	2.42	-17.58	Pass
802.11n (HT40)	SISO	2422	1	-2.25	-22.25	Pass
		2437	1	-2.25	-22.25	Pass
		2452	1	-2.25	-22.25	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.

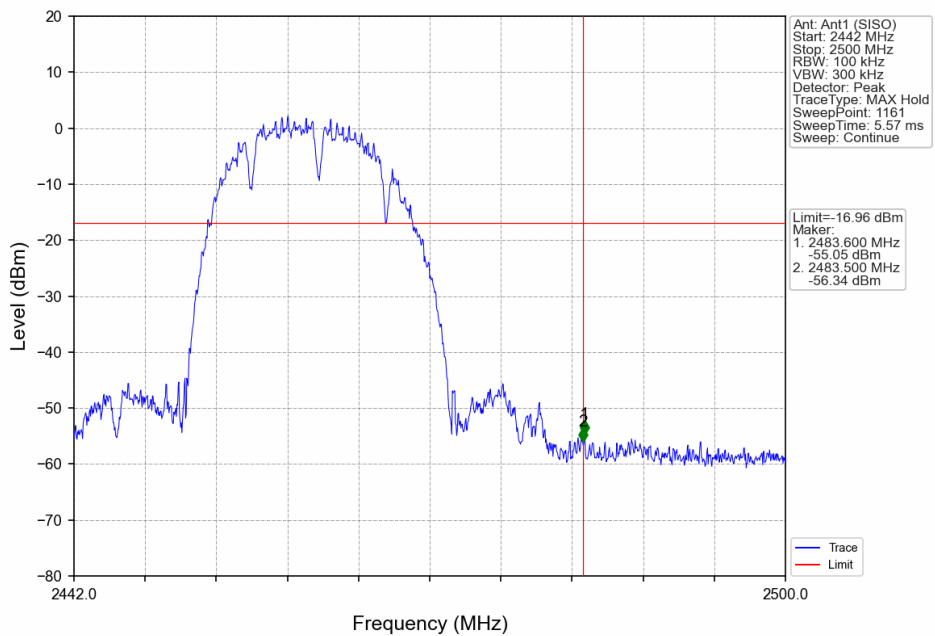
## 4.2.2 Test Graph



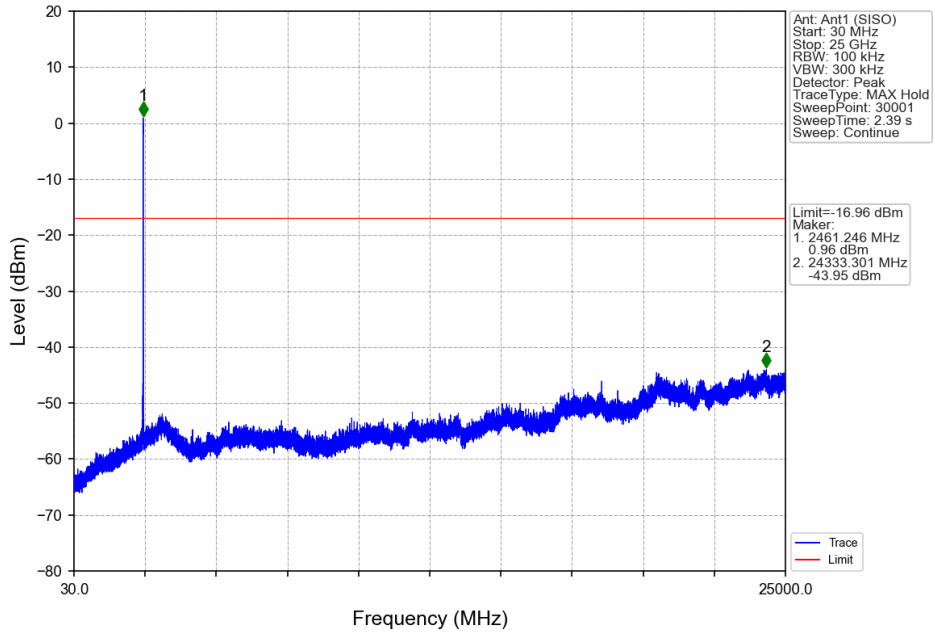
802.11b\_MCH\_2437MHz\_Ant1 (SISO)\_NTNV



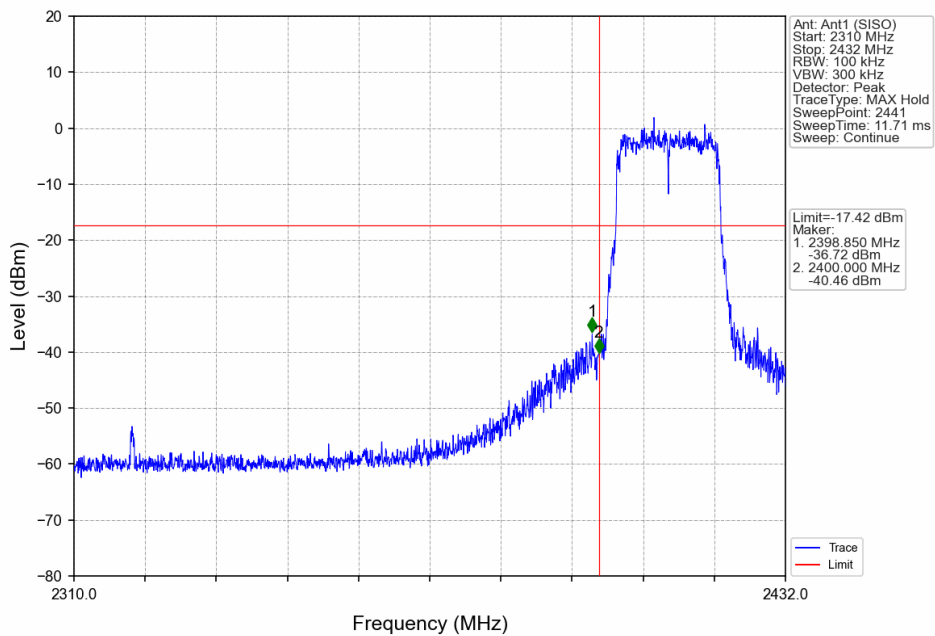
802.11b\_HCH\_2462MHz\_Ant1 (SISO)\_NTNV



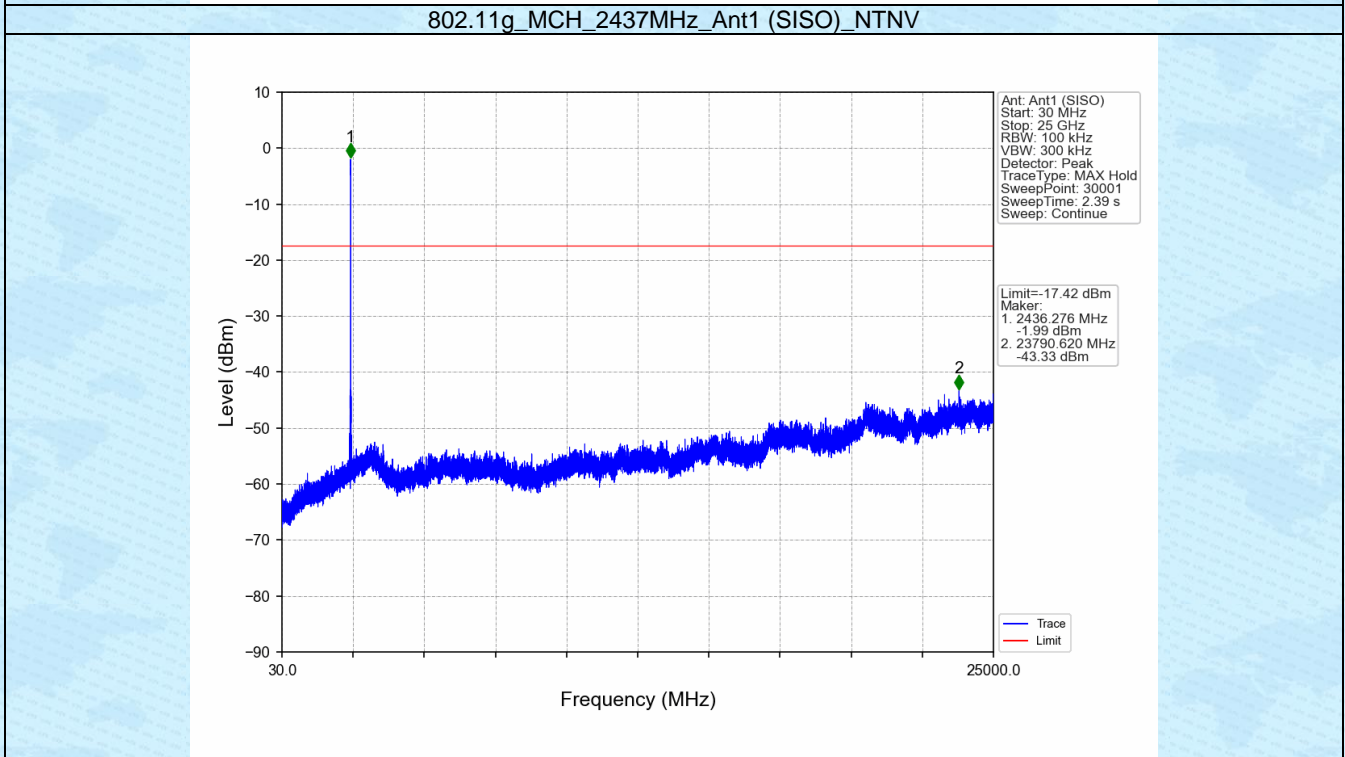
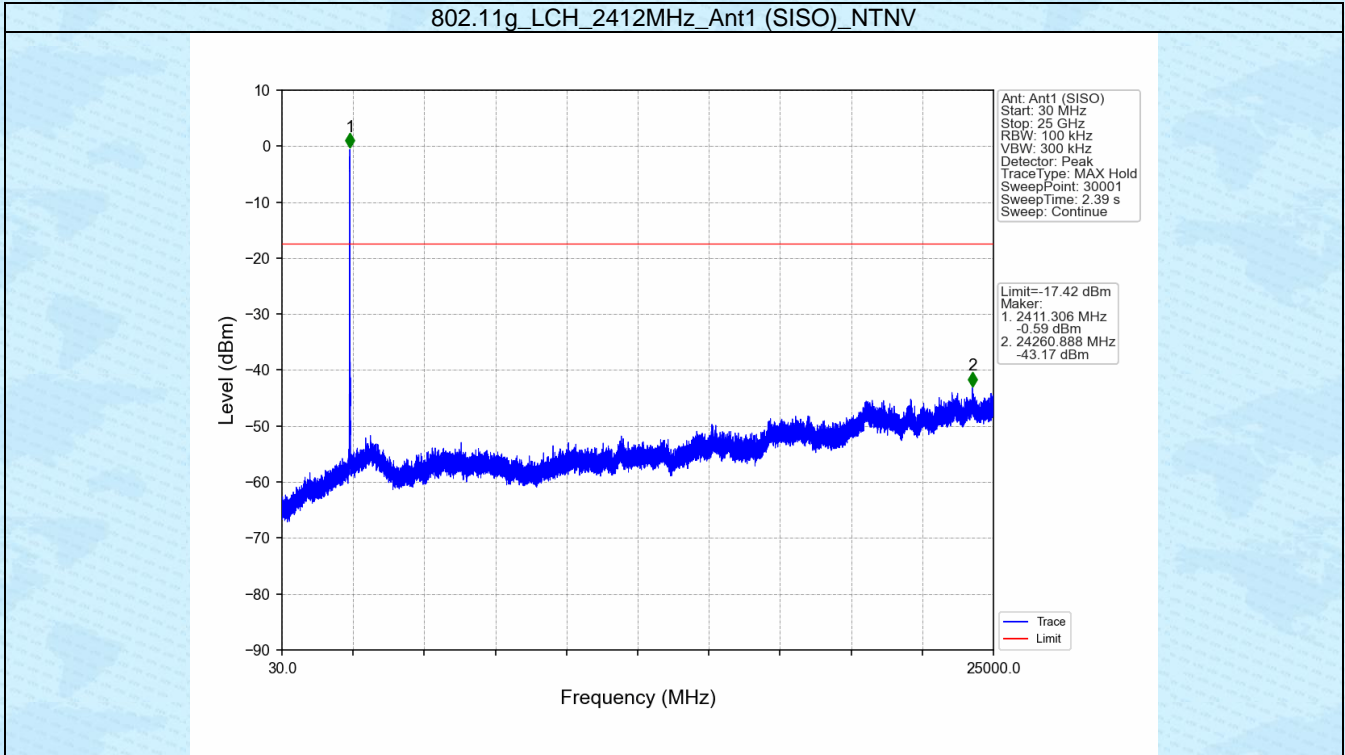
802.11b\_HCH\_2462MHz\_Ant1 (SISO)\_NTNV



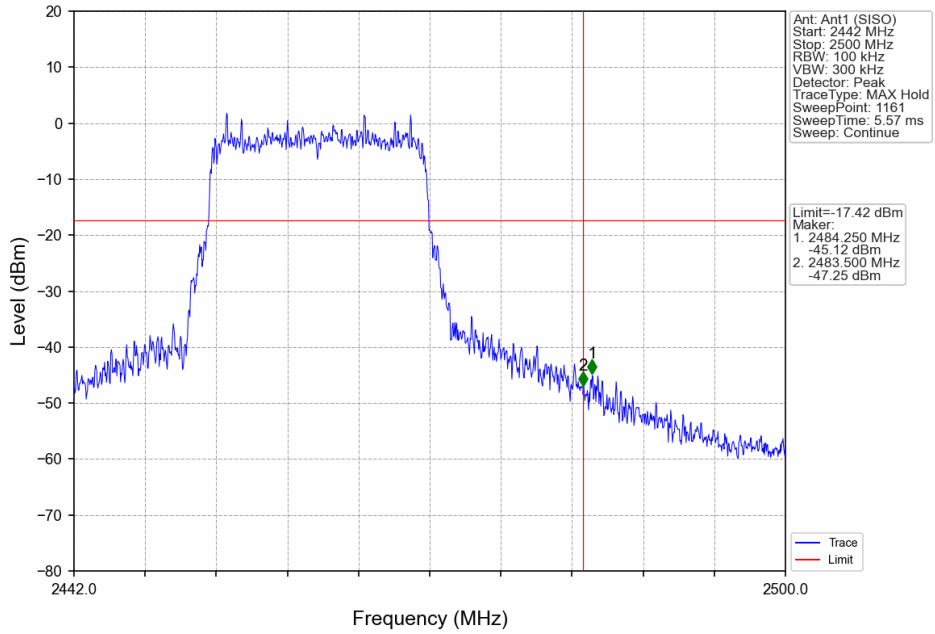
802.11g\_LCH\_2412MHz\_Ant1 (SISO)\_NTNV



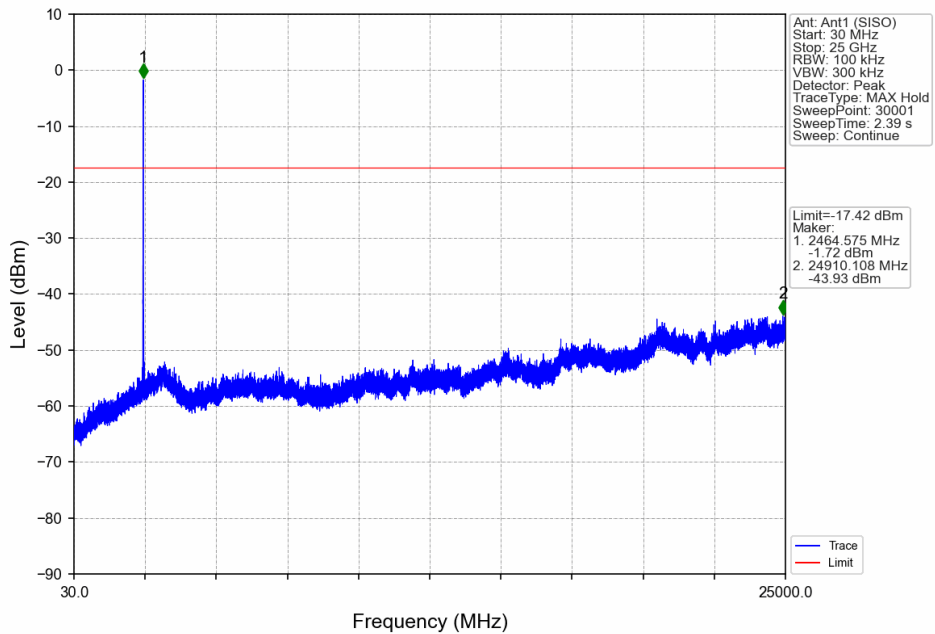




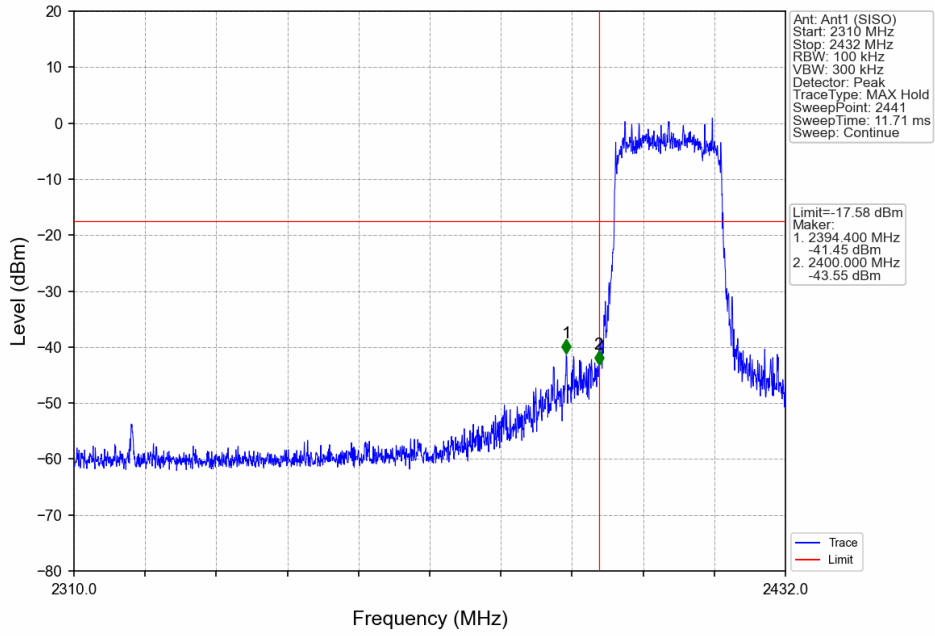
802.11g\_HCH\_2462MHz\_Ant1 (SISO)\_NTNV



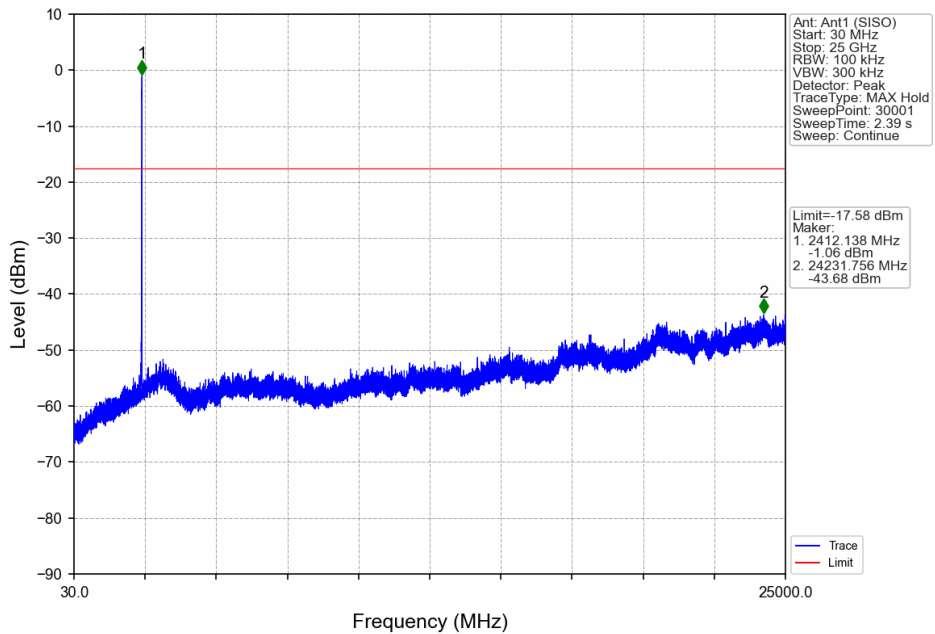
802.11g\_HCH\_2462MHz\_Ant1 (SISO)\_NTNV



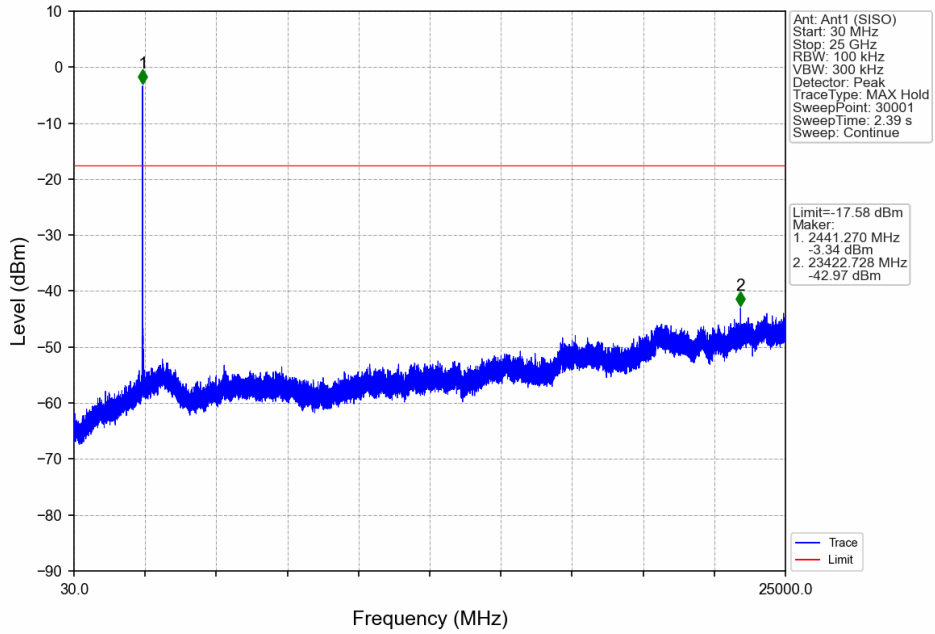
802.11n(HT20)\_LCH\_2412MHz\_Ant1 (SISO)\_NTNV



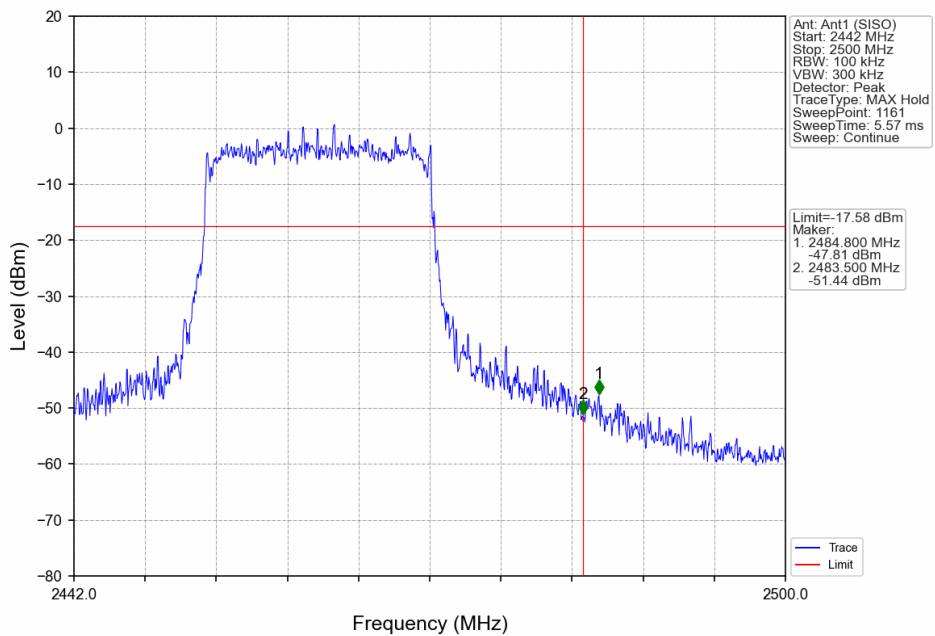
802.11n(HT20)\_LCH\_2412MHz\_Ant1 (SISO)\_NTNV



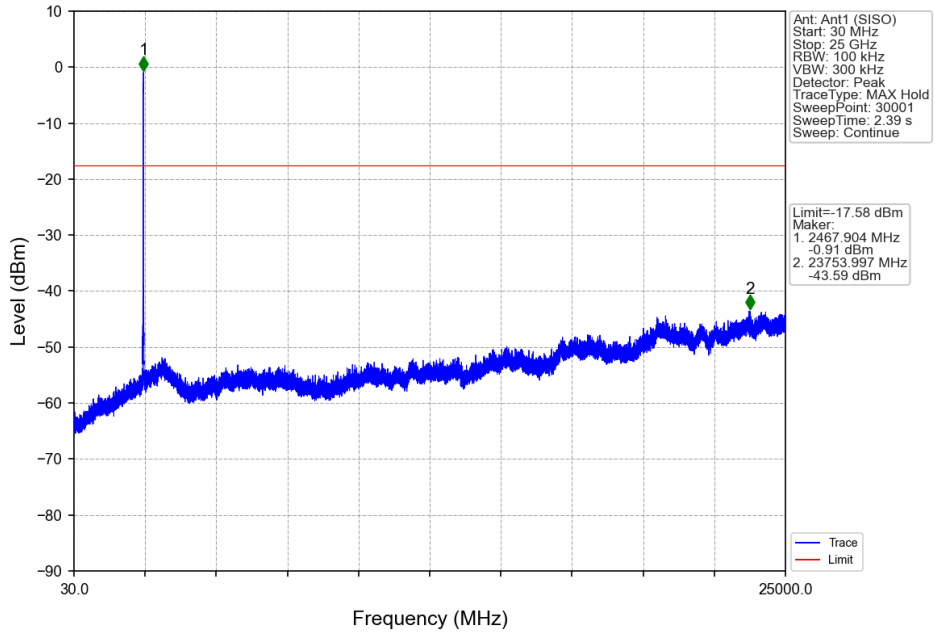
802.11n(HT20)\_MCH\_2437MHz\_Ant1 (SISO)\_NTNV



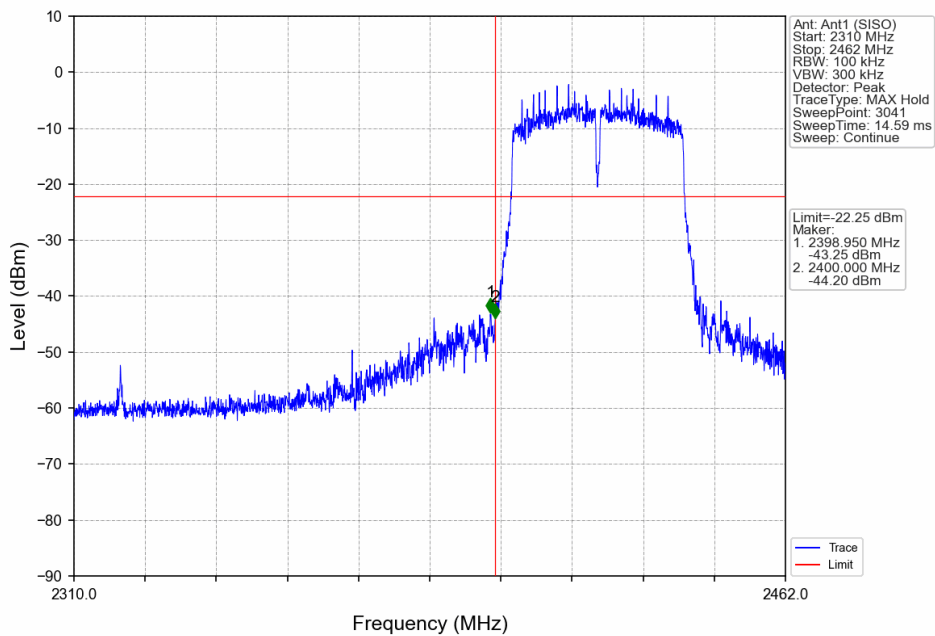
802.11n(HT20)\_HCH\_2462MHz\_Ant1 (SISO)\_NTNV



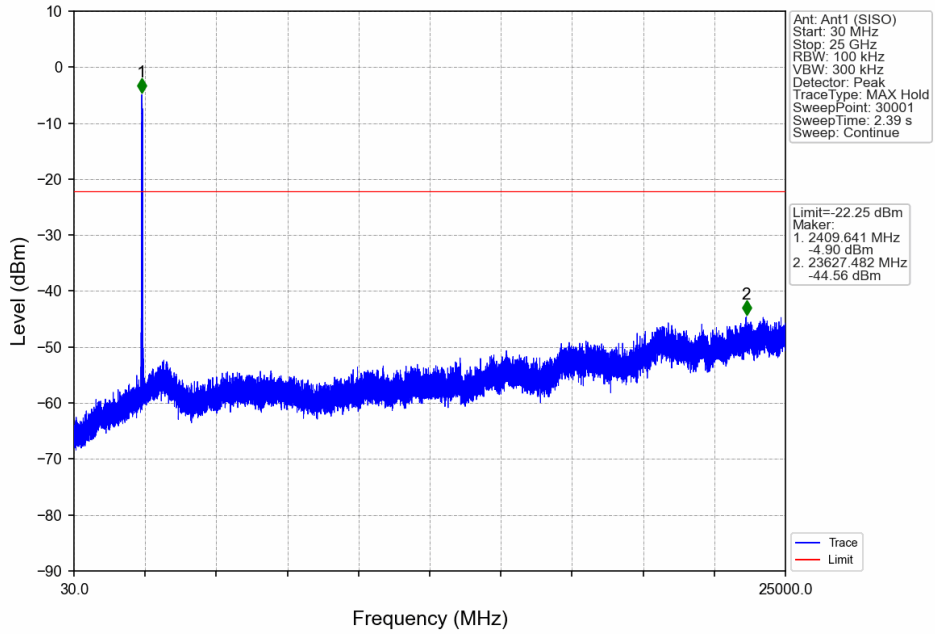
802.11n(HT20)\_HCH\_2462MHz\_Ant1 (SISO)\_NTNV



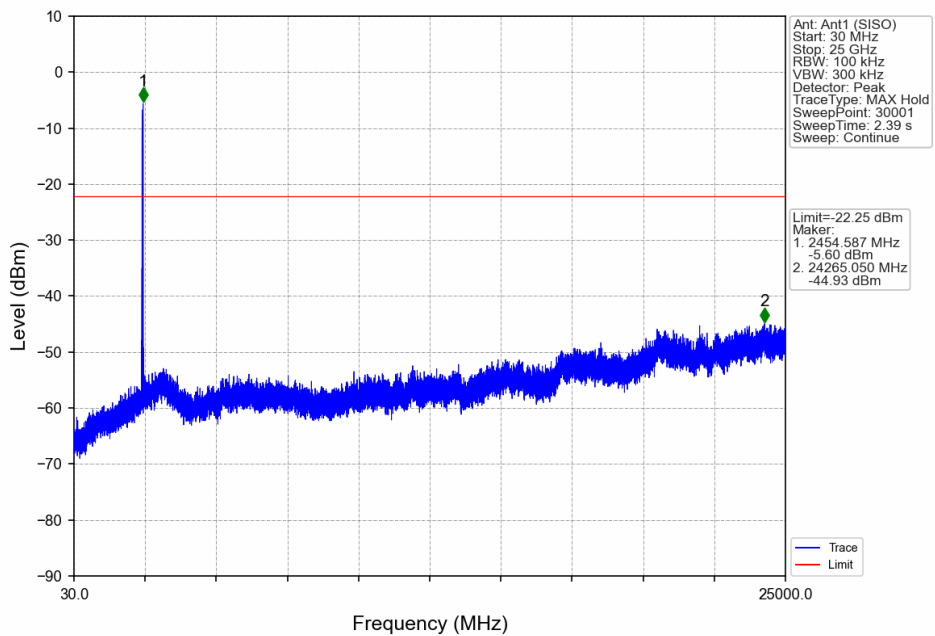
802.11n(HT40)\_LCH\_2422MHz\_Ant1 (SISO)\_NTNV

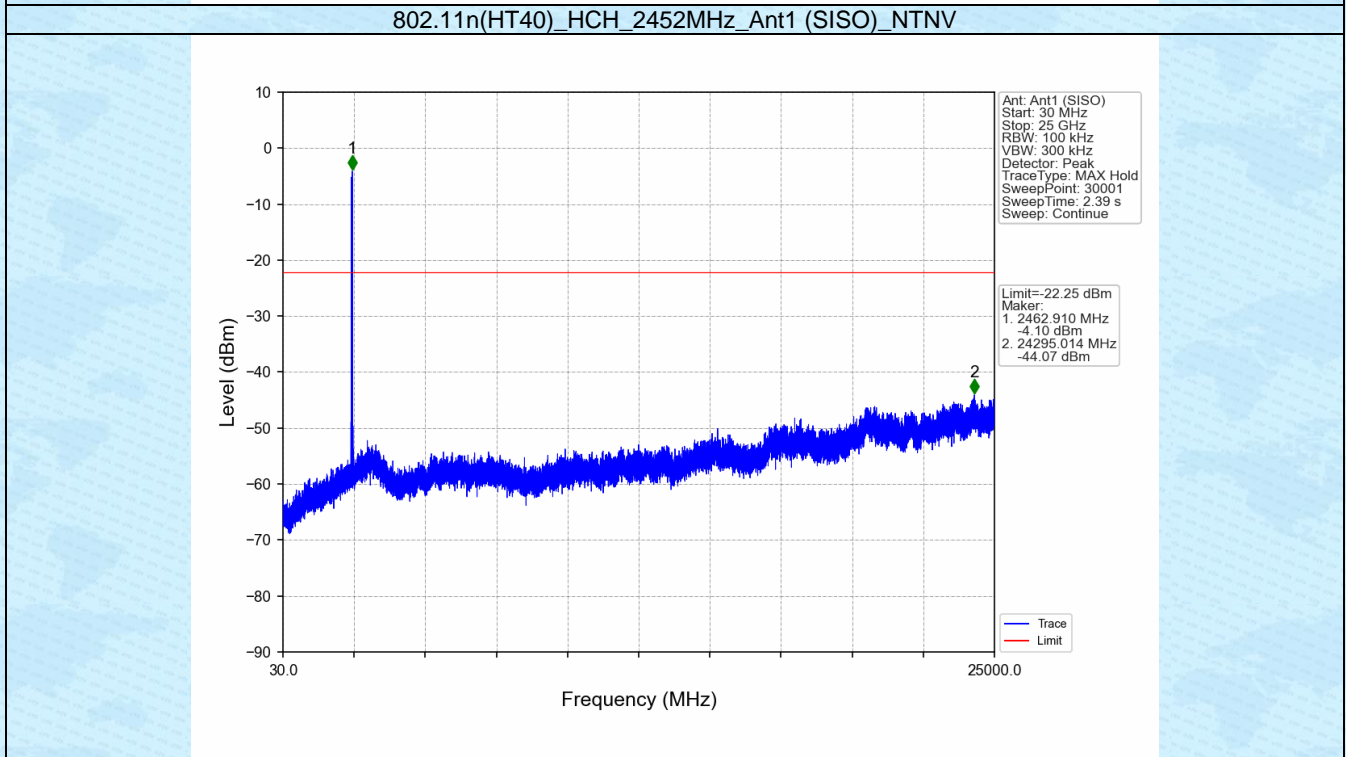
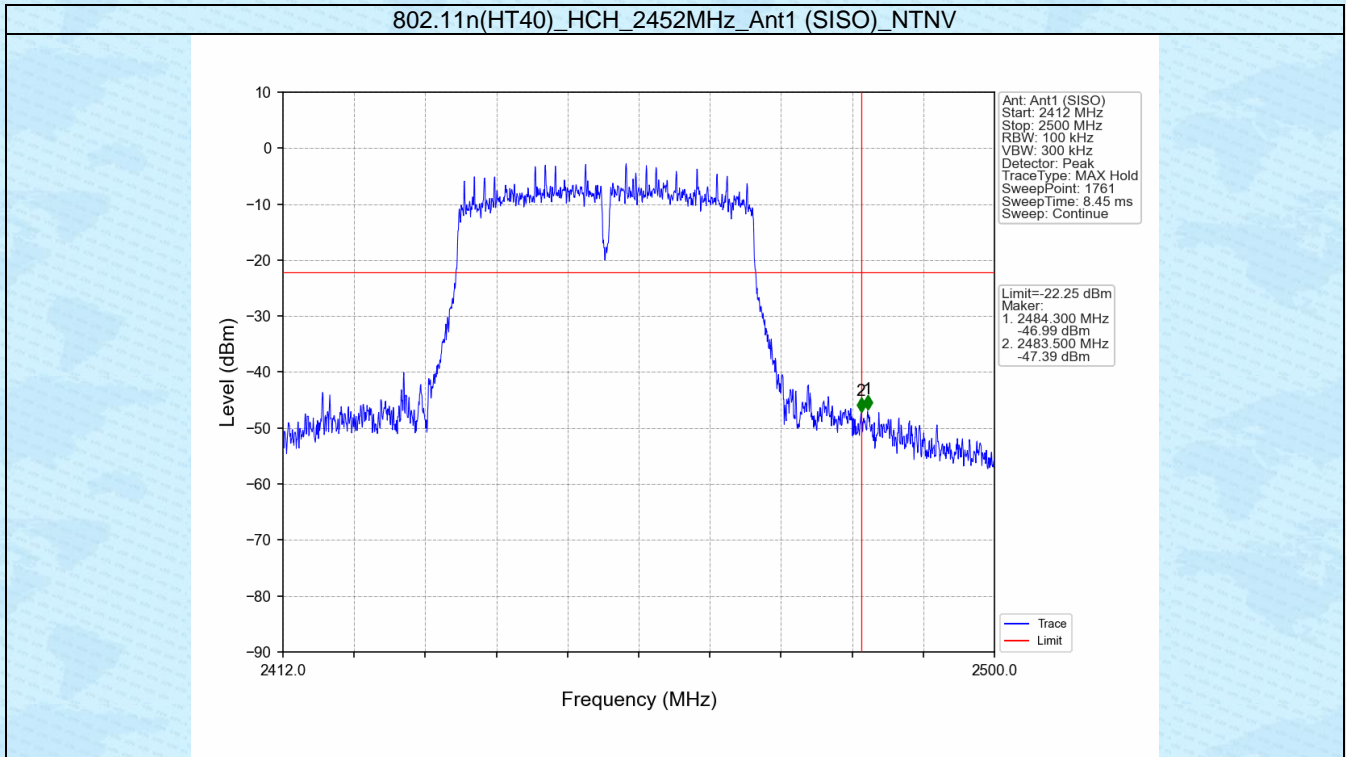


802.11n(HT40)\_LCH\_2422MHz\_Ant1 (SISO)\_NTNV



802.11n(HT40)\_MCH\_2437MHz\_Ant1 (SISO)\_NTNV





-----End-----