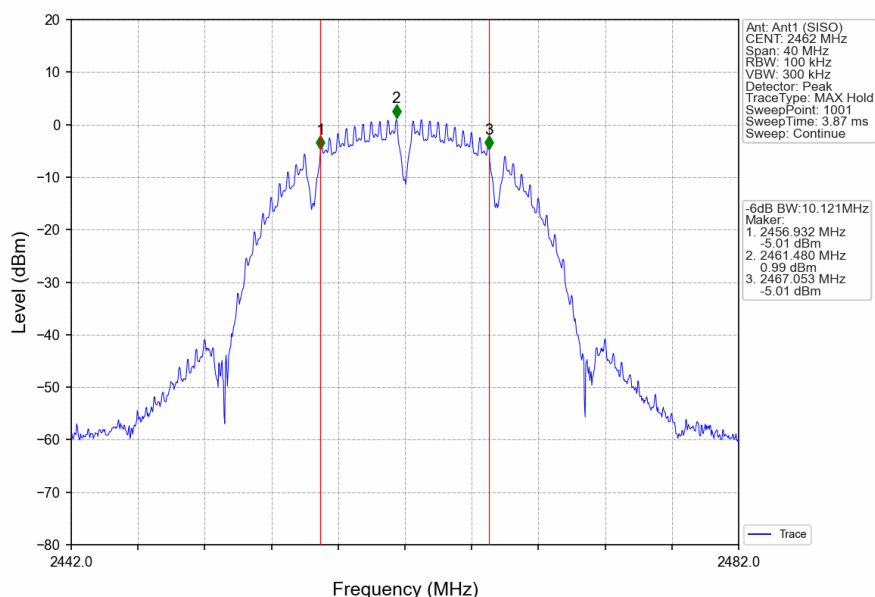
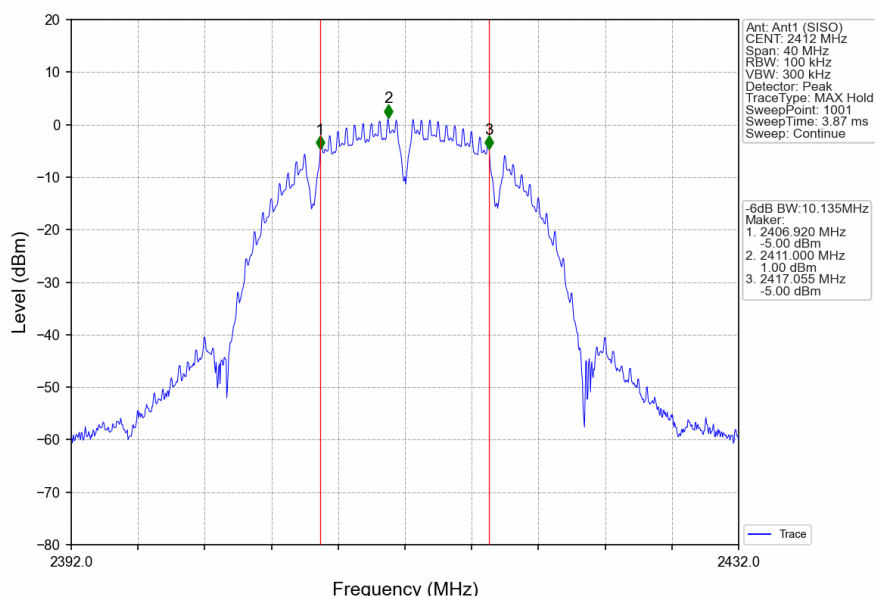


### 802.11b\_HCH\_2462MHz\_Ant1 (SISO)\_NTNV



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



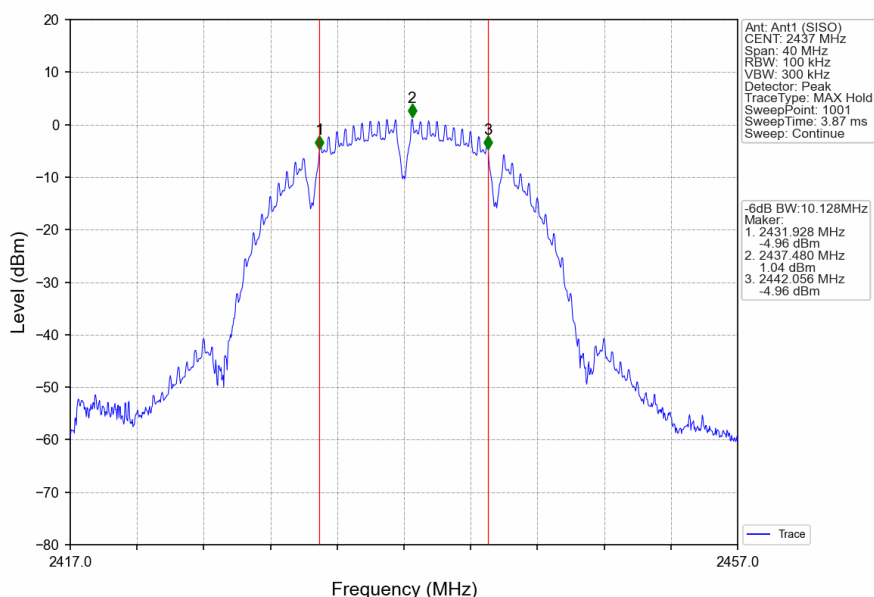
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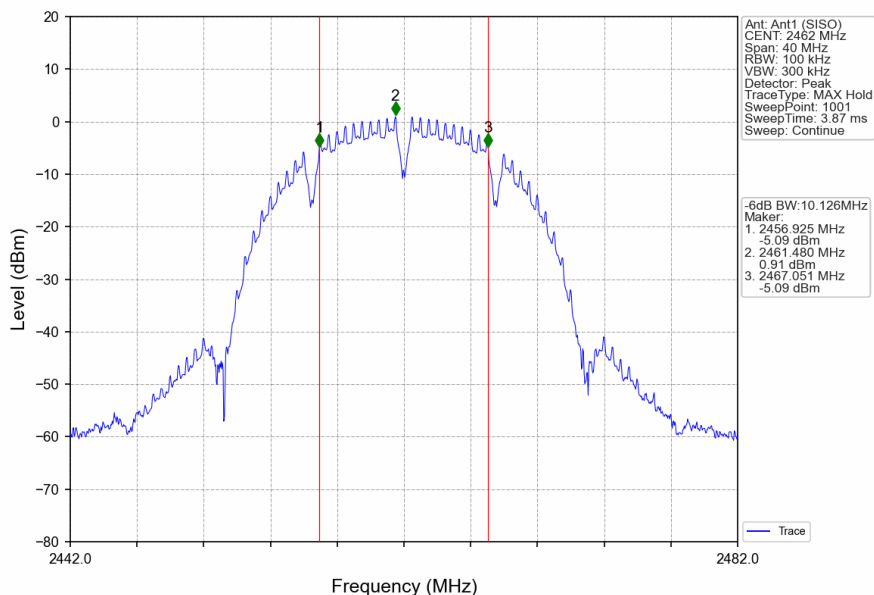
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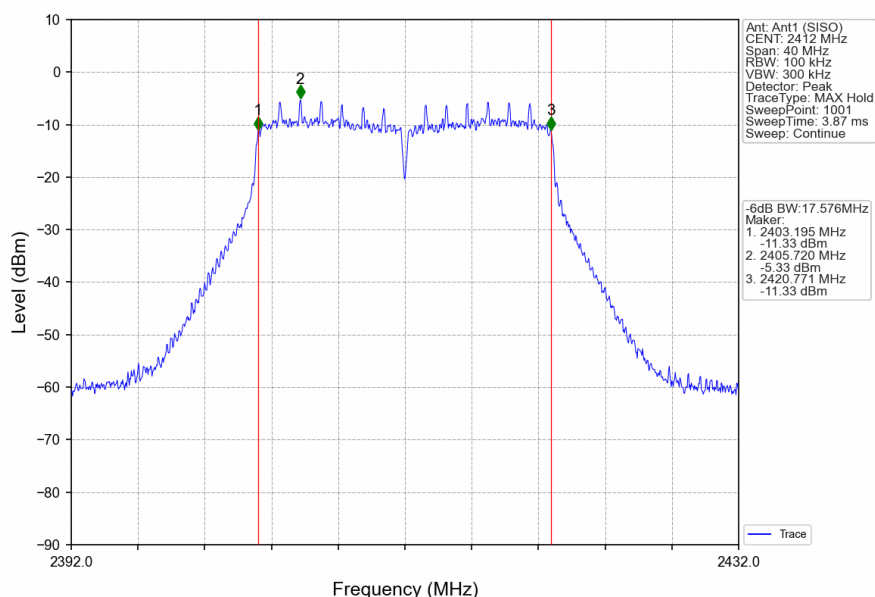
### 802.11g\_MCH\_2437MHz\_Ant1 (SISO)\_NTNV



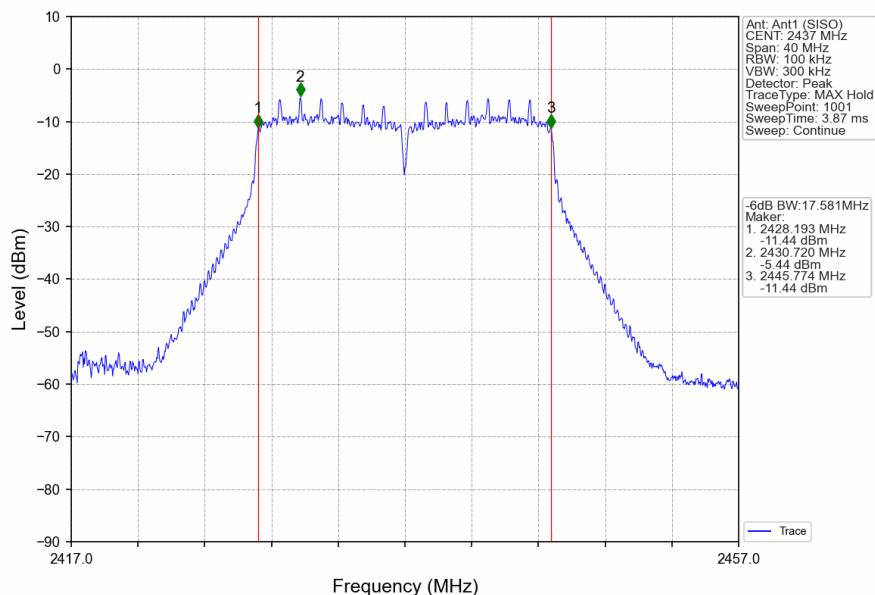
### 802.11g\_HCH\_2462MHz\_Ant1 (SISO)\_NTNV



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



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



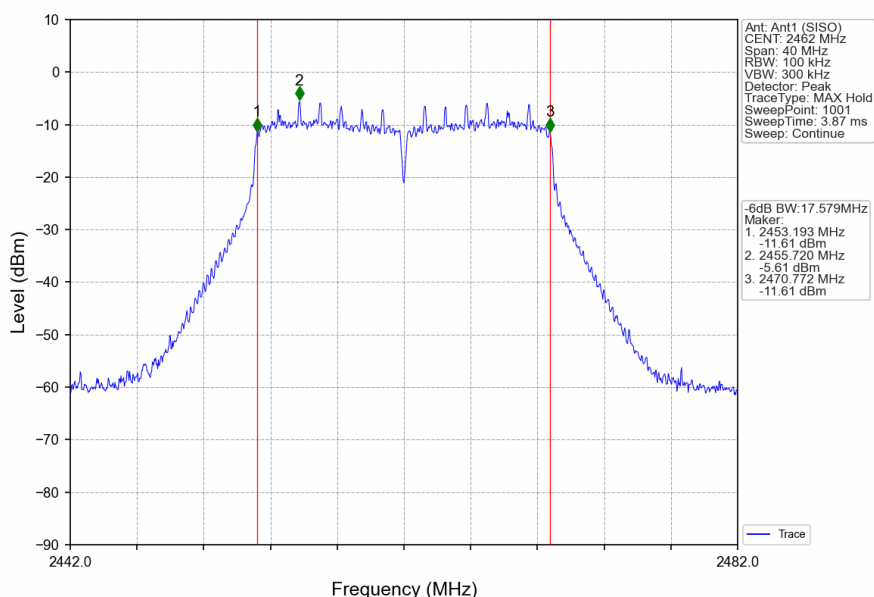
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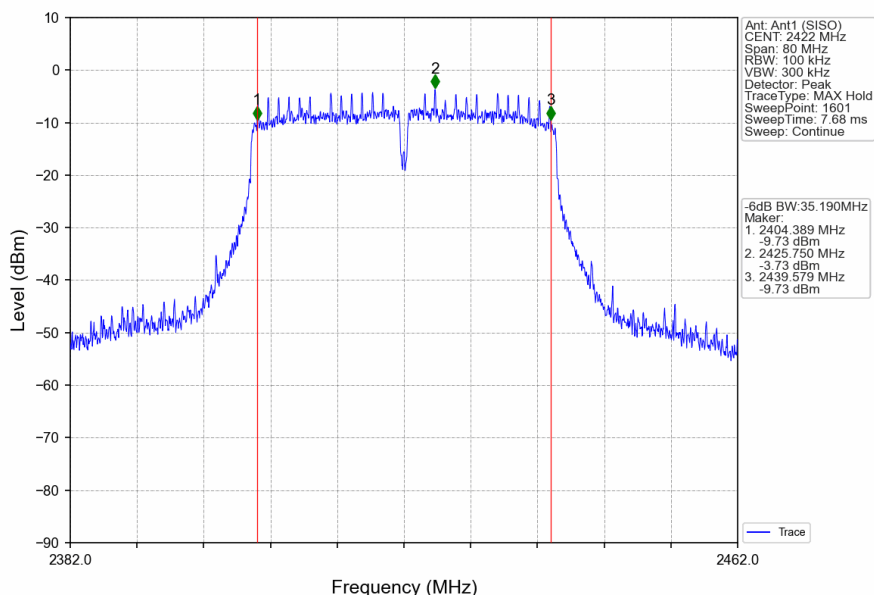
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### 802.11n(HT20)\_HCH\_2462MHz\_Ant1 (SISO)\_NTNV



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



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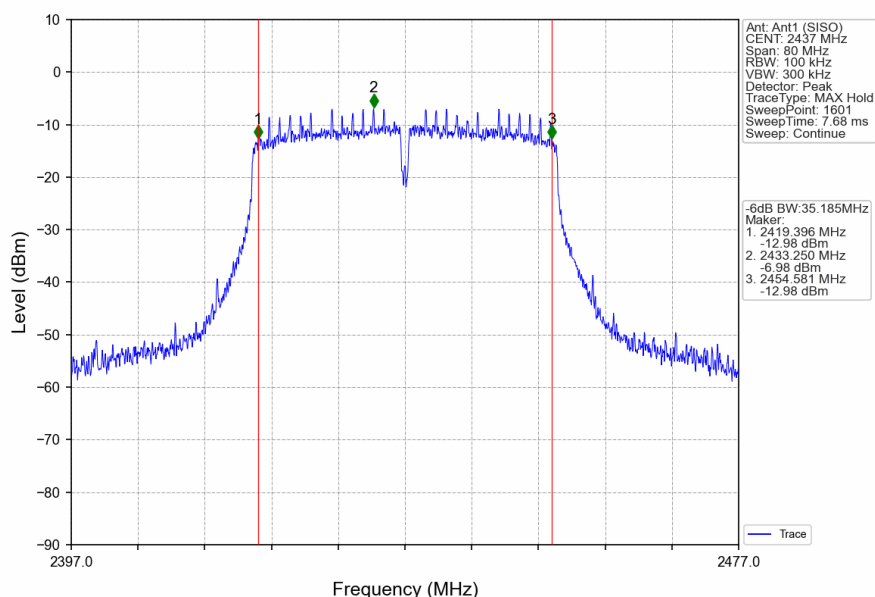
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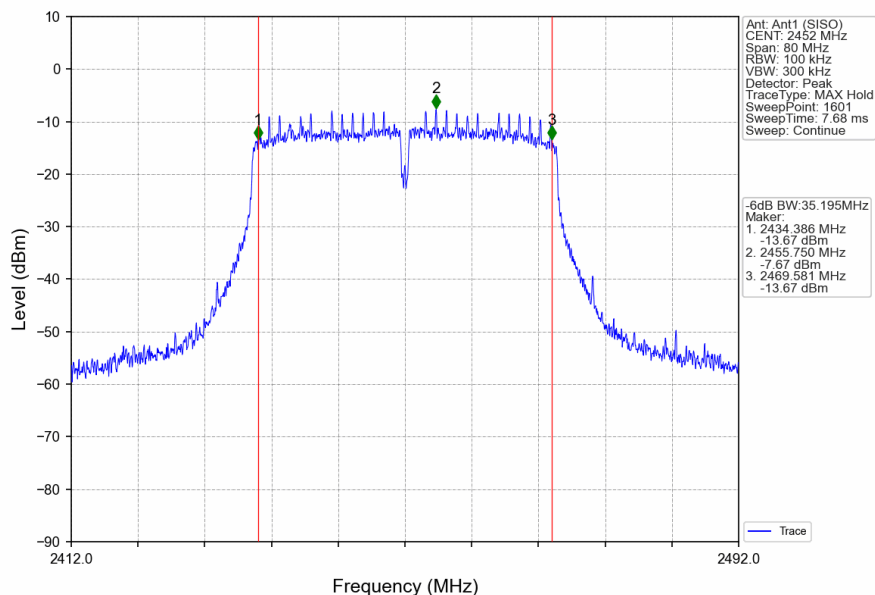
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### 802.11n(HT40)\_MCH\_2437MHz\_Ant1 (SISO)\_NTNV



### 802.11n(HT40)\_HCH\_2452MHz\_Ant1 (SISO)\_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	
802.11b	SISO	2412	13.05	<=30	Pass
		2437	13.00	<=30	Pass
		2462	12.75	<=30	Pass
802.11g	SISO	2412	12.91	<=30	Pass
		2437	12.85	<=30	Pass
		2462	12.63	<=30	Pass
802.11n (HT20)	SISO	2412	13.31	<=30	Pass
		2437	13.26	<=30	Pass
		2462	13.10	<=30	Pass
802.11n (HT40)	SISO	2422	13.56	<=30	Pass
		2437	13.54	<=30	Pass
		2452	13.38	<=30	Pass

Note1: Antenna Gain: Ant1: 4.66dBi;

## 4. Maximum Power Spectral Density

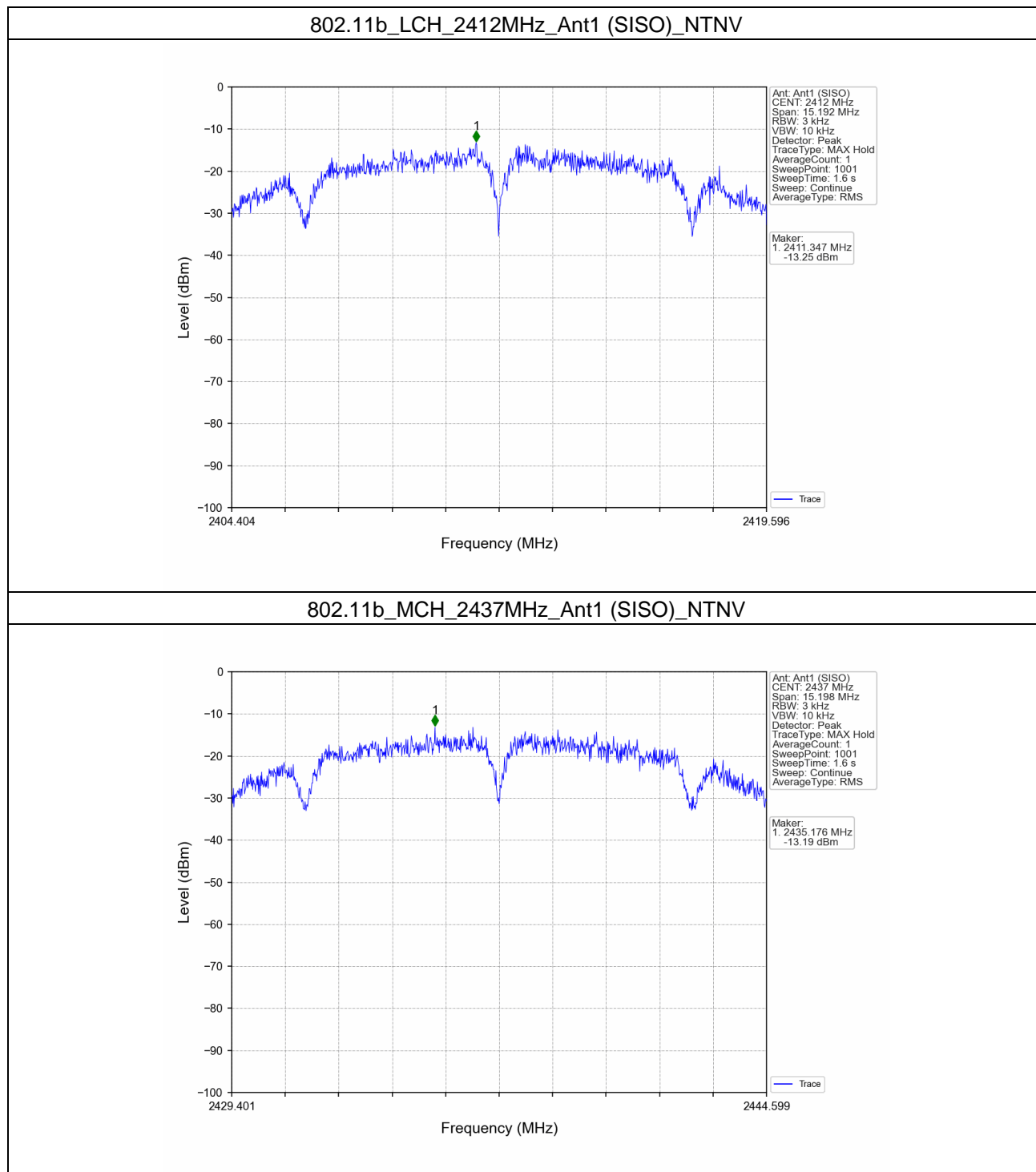
### 4.1 PSD

#### 4.1.1 Test Result

Mode	TX Type	Frequency (MHz)	Maximum PSD (dBm/3kHz)		Verdict
			ANT1	Limit	
802.11b	SISO	2412	-13.25	<=8	Pass
		2437	-13.19	<=8	Pass
		2462	-13.46	<=8	Pass
802.11g	SISO	2412	-13.53	<=8	Pass
		2437	-14.10	<=8	Pass
		2462	-13.95	<=8	Pass
802.11n (HT20)	SISO	2412	-20.72	<=8	Pass
		2437	-20.14	<=8	Pass
		2462	-19.85	<=8	Pass
802.11n (HT40)	SISO	2422	-17.50	<=8	Pass
		2437	-21.81	<=8	Pass
		2452	-22.07	<=8	Pass

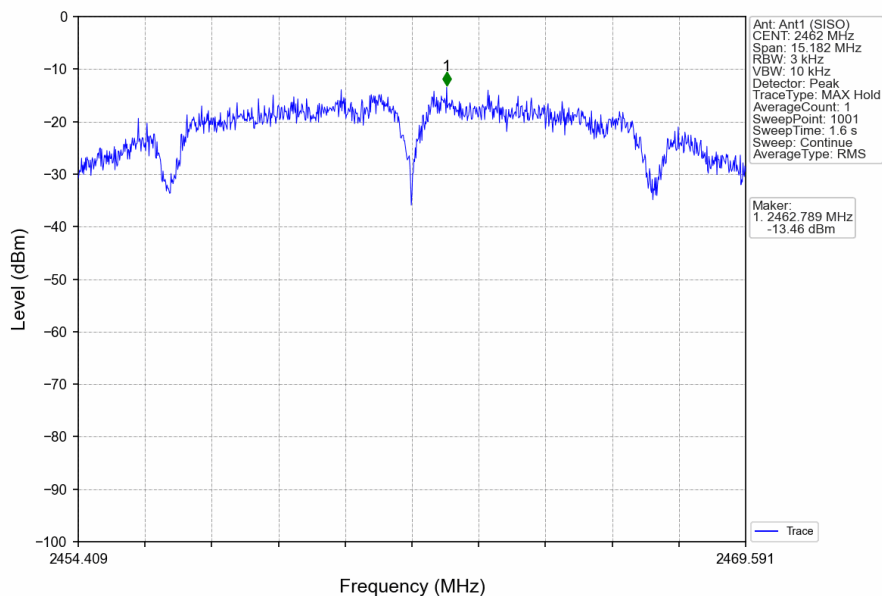
Note1: Antenna Gain: Ant1: 4.66dBi;

### 4.1.2 Test Graph

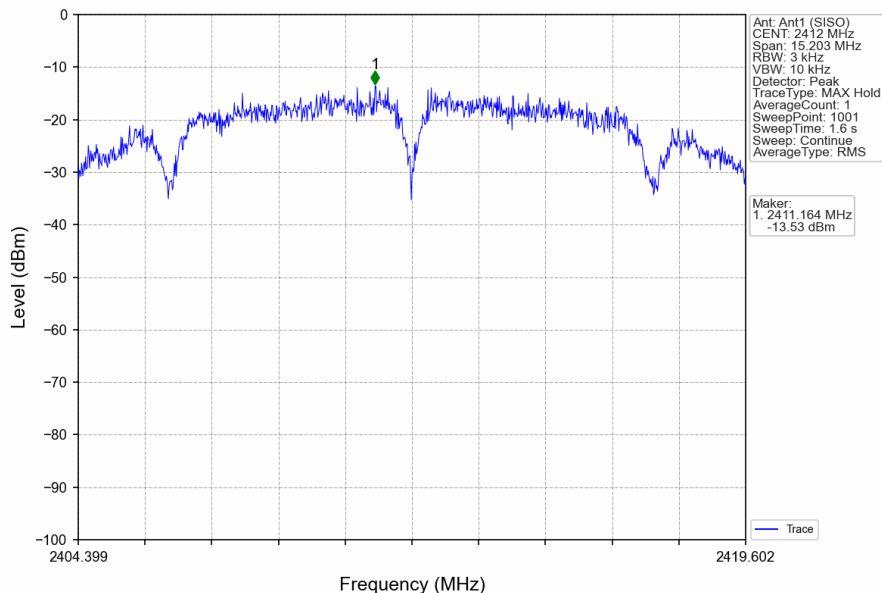




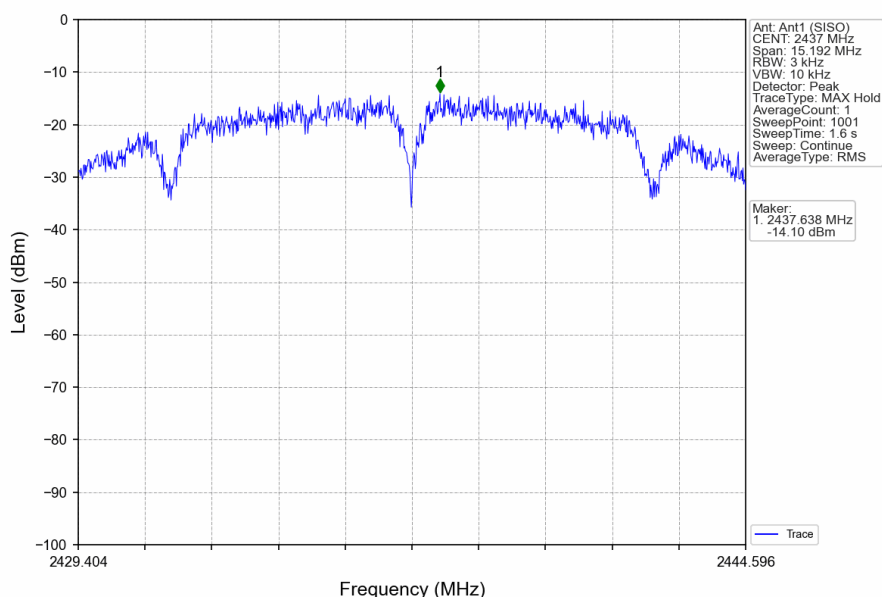
### 802.11b\_HCH\_2462MHz\_Ant1 (SISO)\_NTNV



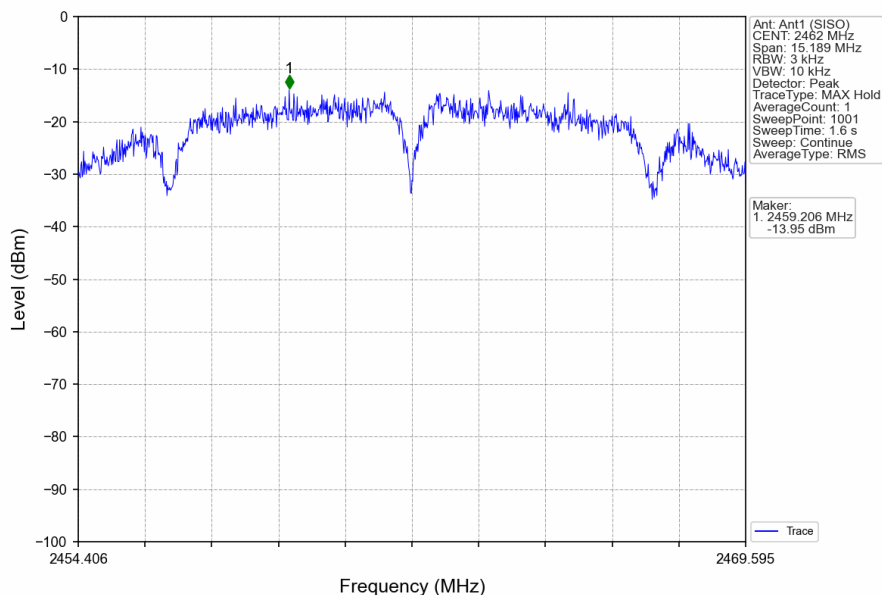
### 802.11g\_LCH\_2412MHz\_Ant1 (SISO)\_NTNV



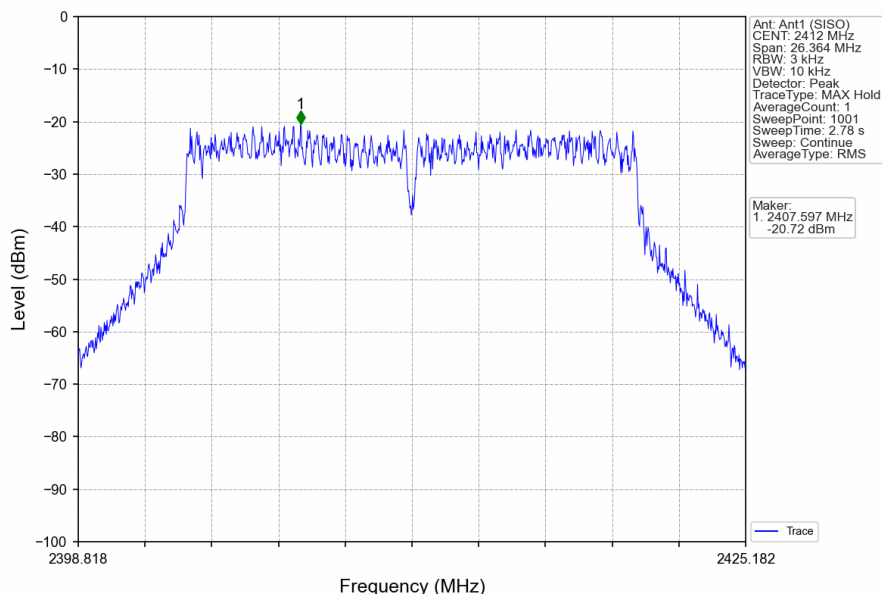
### 802.11g\_MCH\_2437MHz\_Ant1 (SISO)\_NTNV



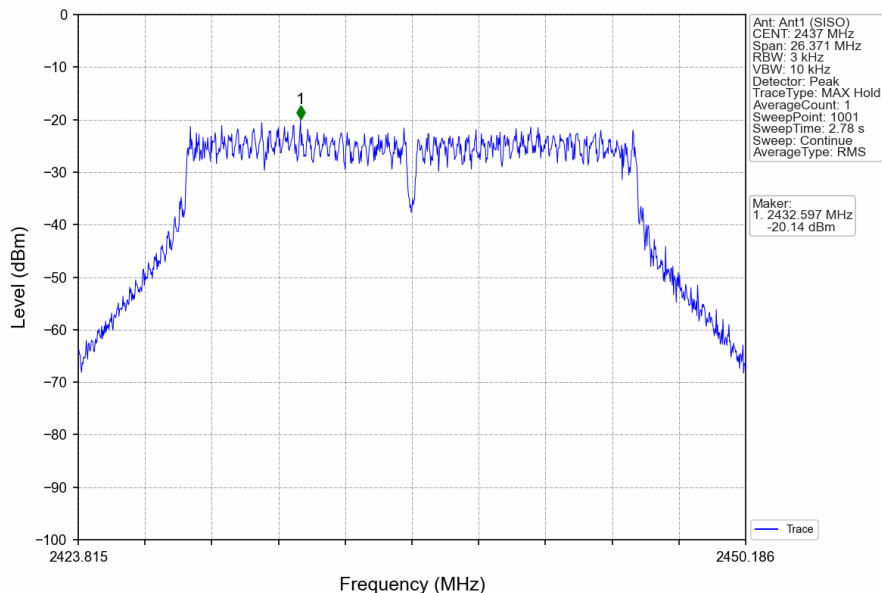
### 802.11g\_HCH\_2462MHz\_Ant1 (SISO)\_NTNV



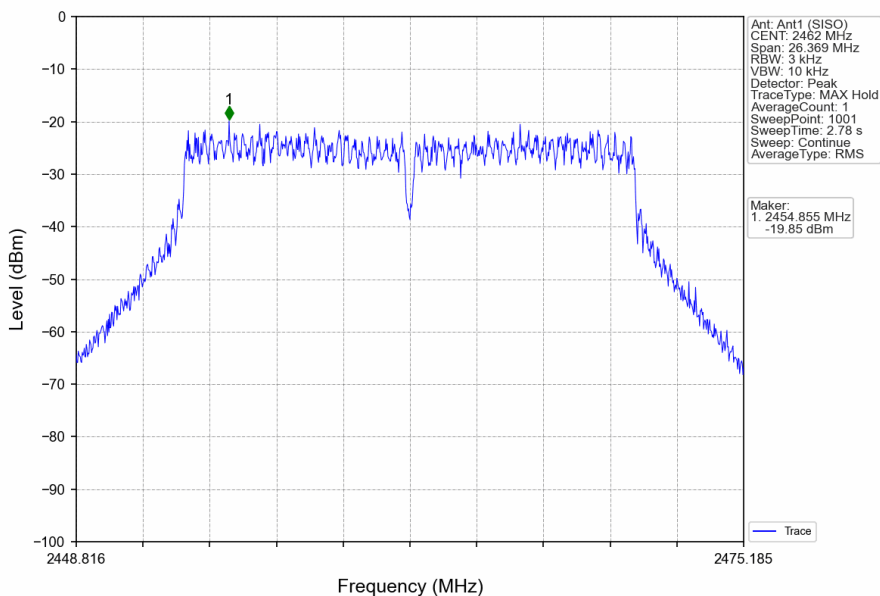
802.11n(HT20)\_LCH\_2412MHz\_Ant1 (SISO)\_NTNV



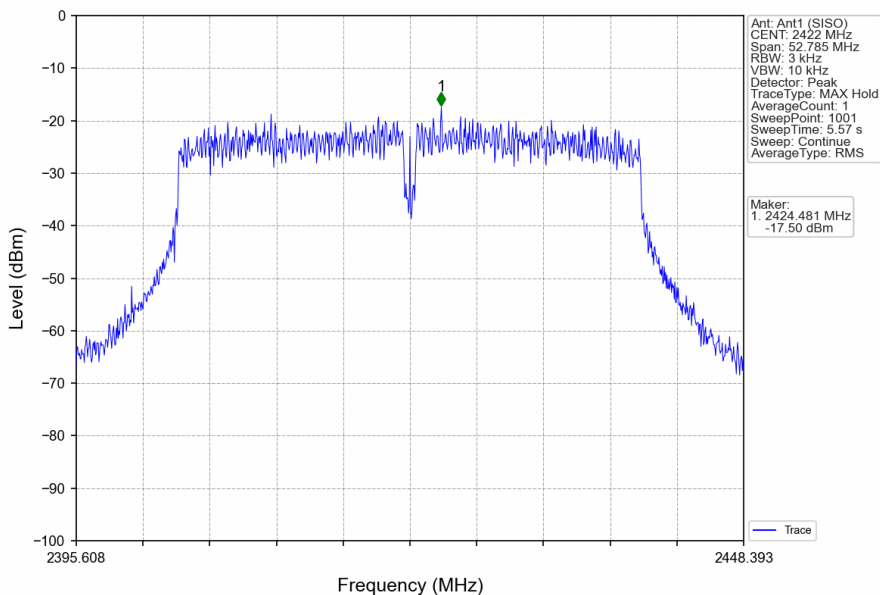
802.11n(HT20)\_MCH\_2437MHz\_Ant1 (SISO)\_NTNV



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



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

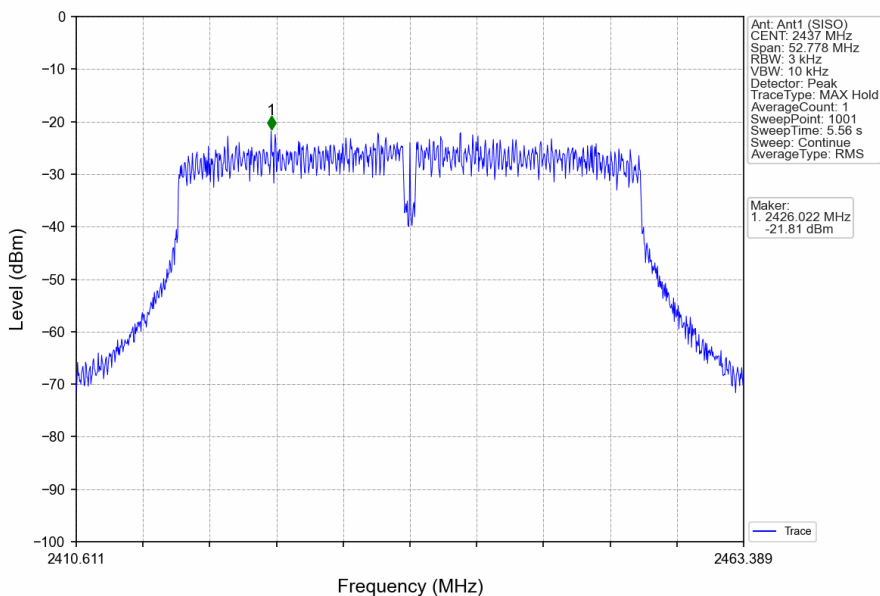


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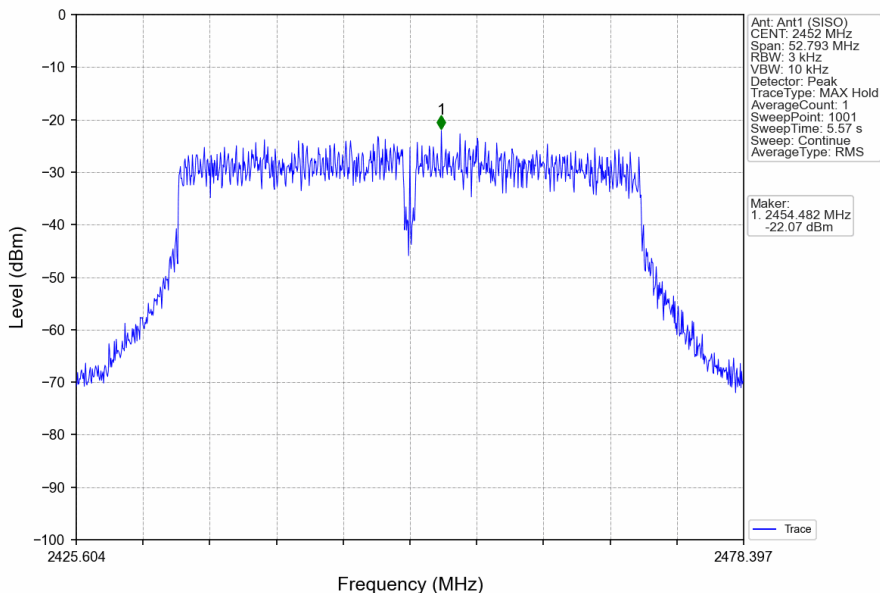
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### 802.11n(HT40)\_MCH\_2437MHz\_Ant1 (SISO)\_NTNV



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





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

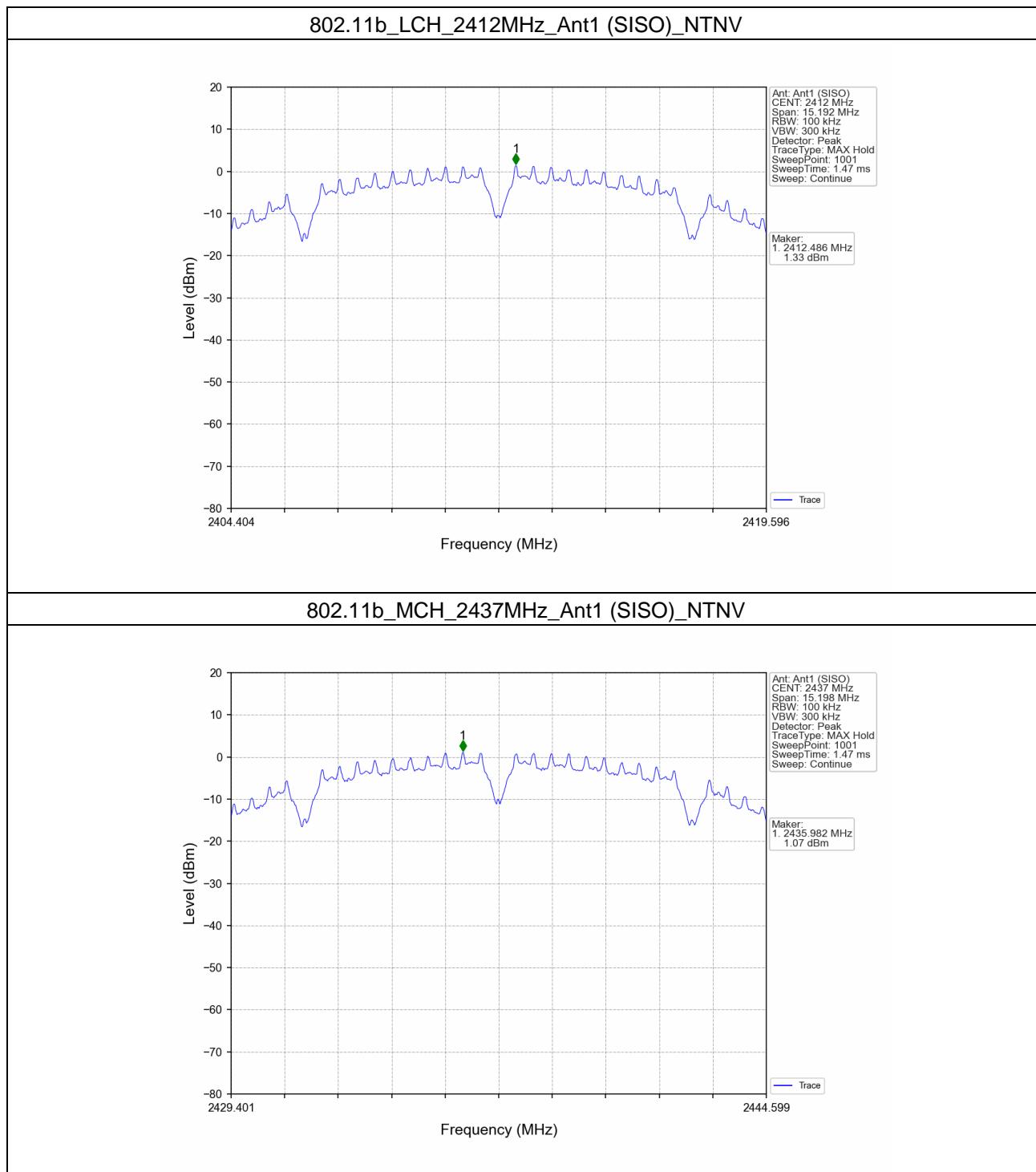
### 5.1 Ref

#### 5.1.1 Test Result

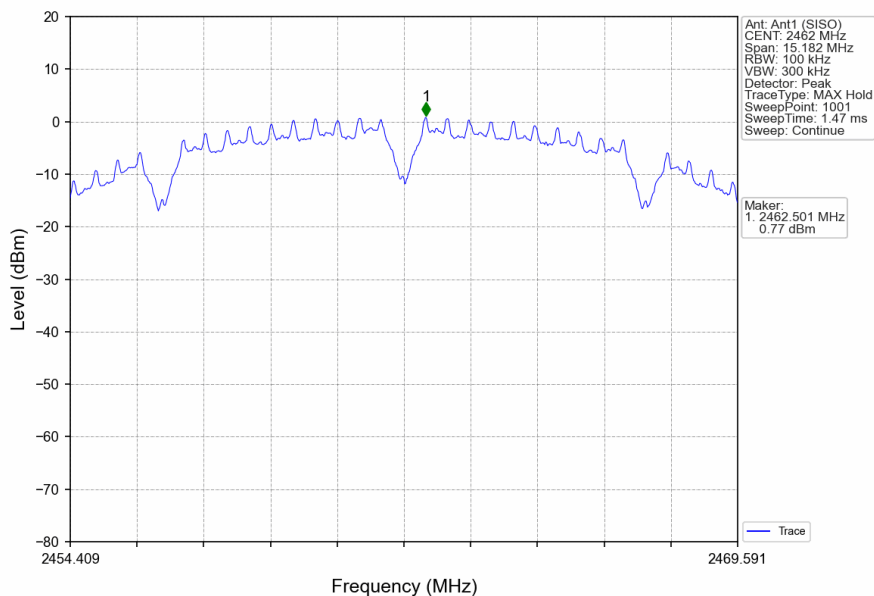
Mode	TX Type	Frequency (MHz)	ANT	Level of Reference (dBm)
802.11b	SISO	2412	1	1.33
		2437	1	1.07
		2462	1	0.77
802.11g	SISO	2412	1	1.00
		2437	1	0.93
		2462	1	0.75
802.11n (HT20)	SISO	2412	1	-5.60
		2437	1	-5.48
		2462	1	-5.68
802.11n (HT40)	SISO	2422	1	-4.35
		2437	1	-6.81
		2452	1	-7.57

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.

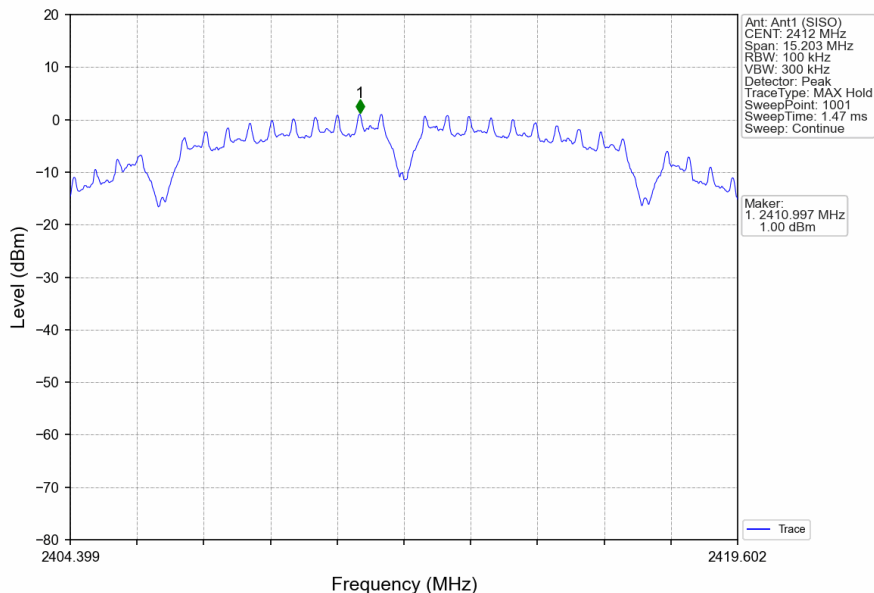
### 5.1.2 Test Graph



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



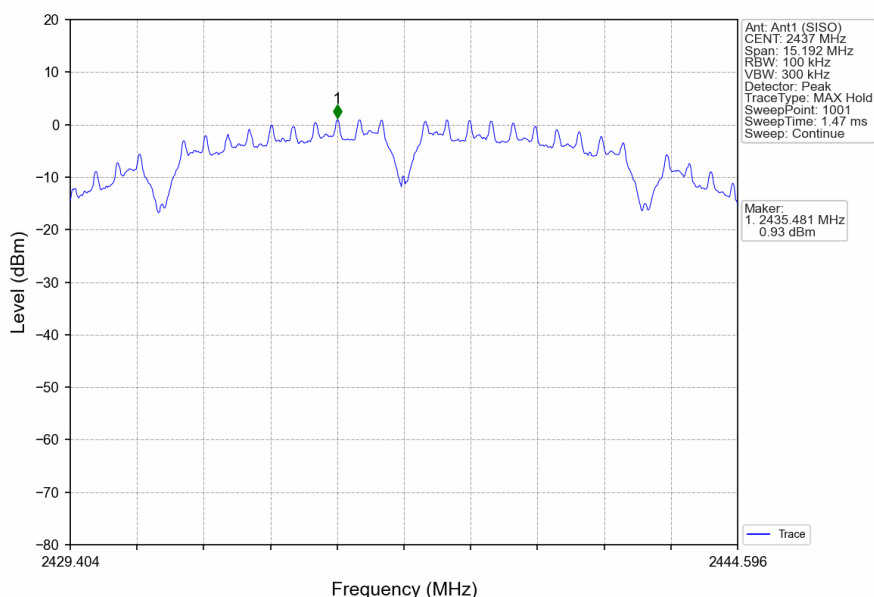
### 802.11g\_LCH\_2412MHz\_Ant1 (SISO)\_NTNV



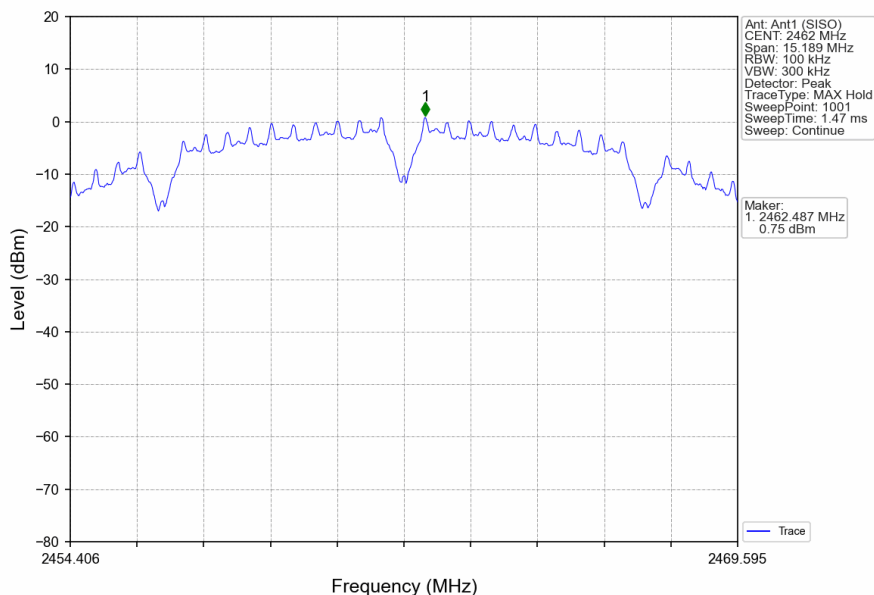
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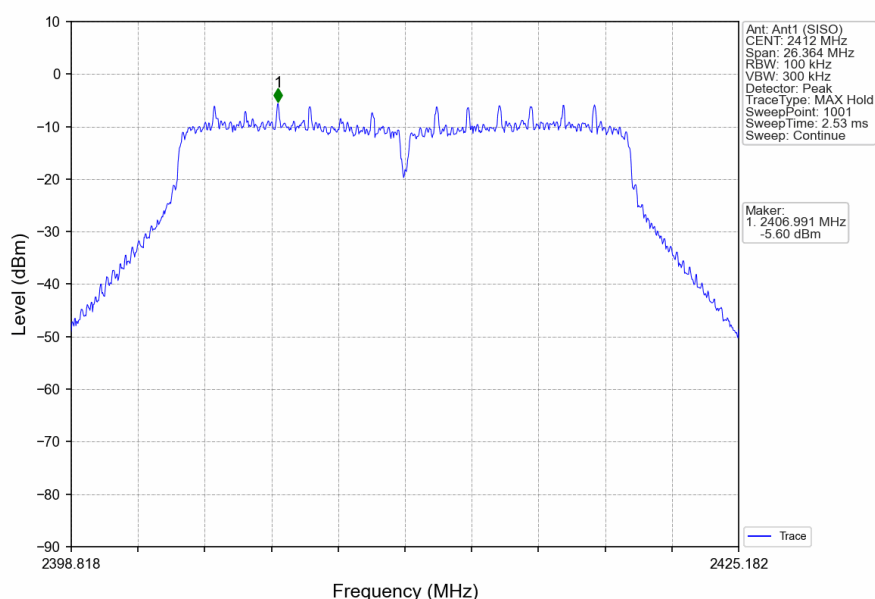
### 802.11g\_HCH\_2462MHz\_Ant1 (SISO)\_NTNV



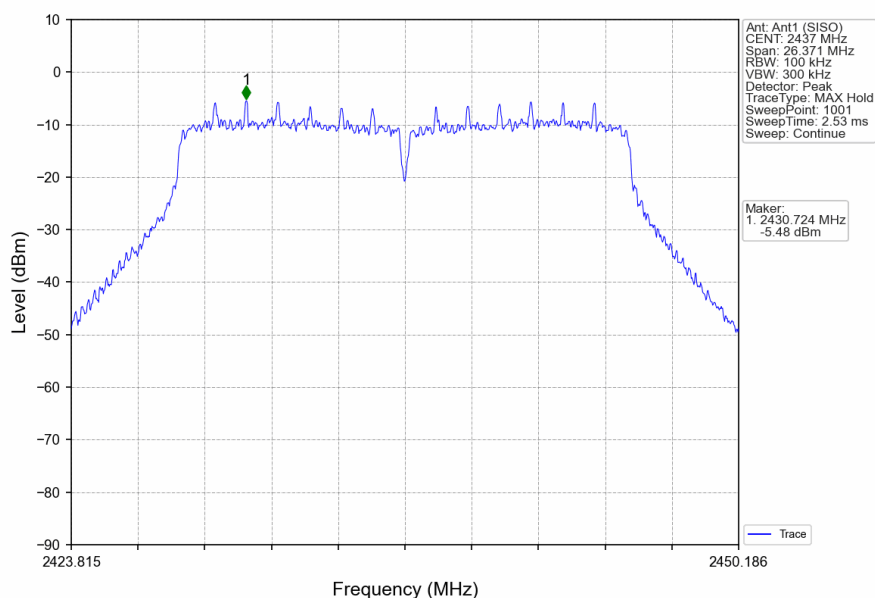
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### 802.11n(HT20)\_LCH\_2412MHz\_Ant1 (SISO)\_NTNV



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



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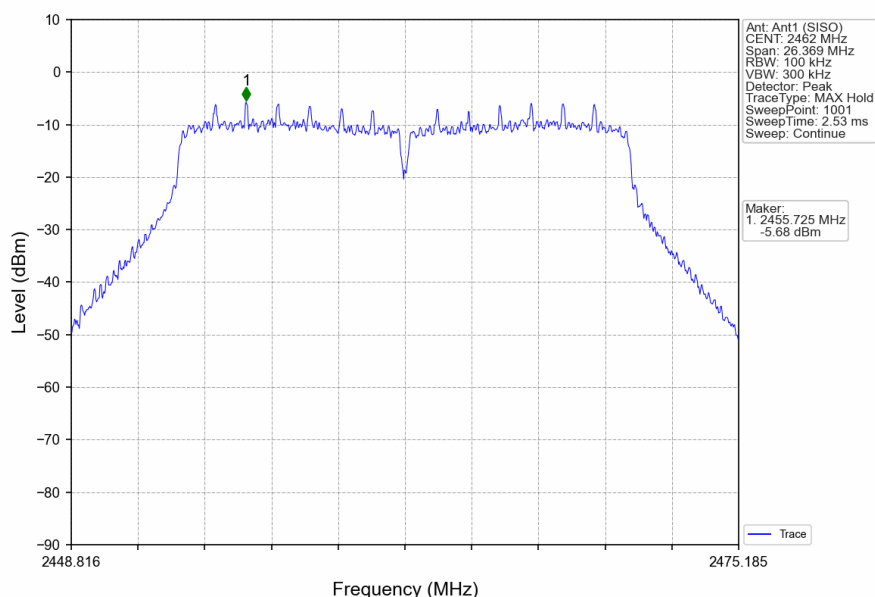
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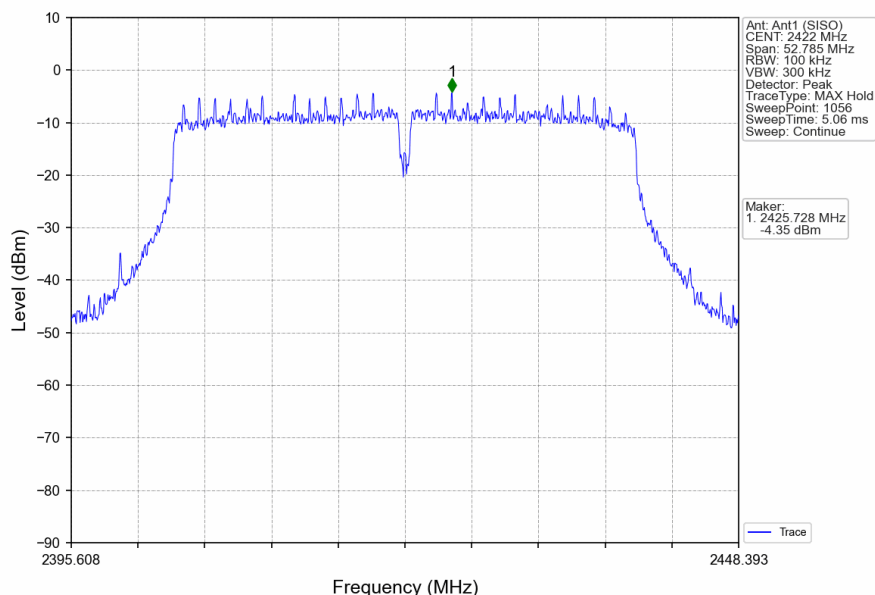
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### 802.11n(HT20)\_HCH\_2462MHz\_Ant1 (SISO)\_NTNV



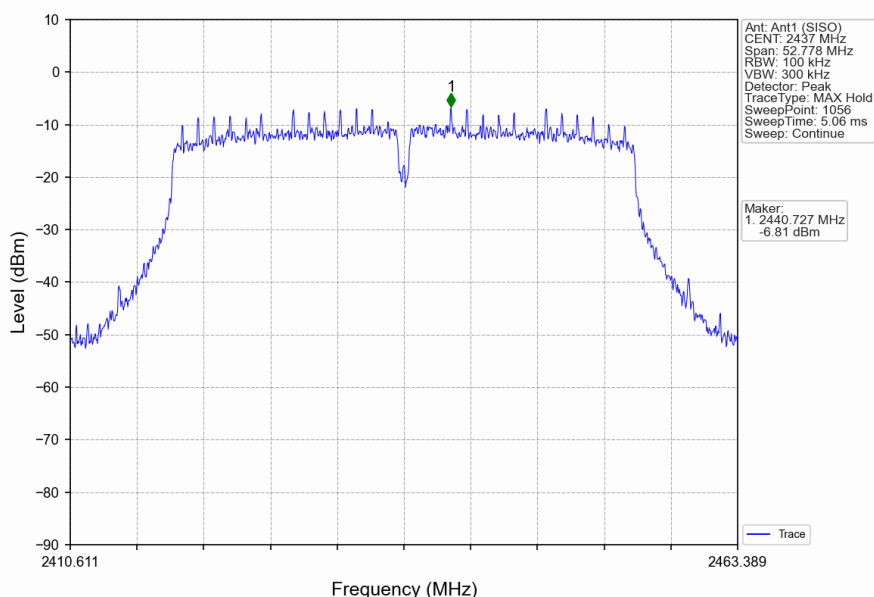
### 802.11n(HT40)\_LCH\_2422MHz\_Ant1 (SISO)\_NTNV



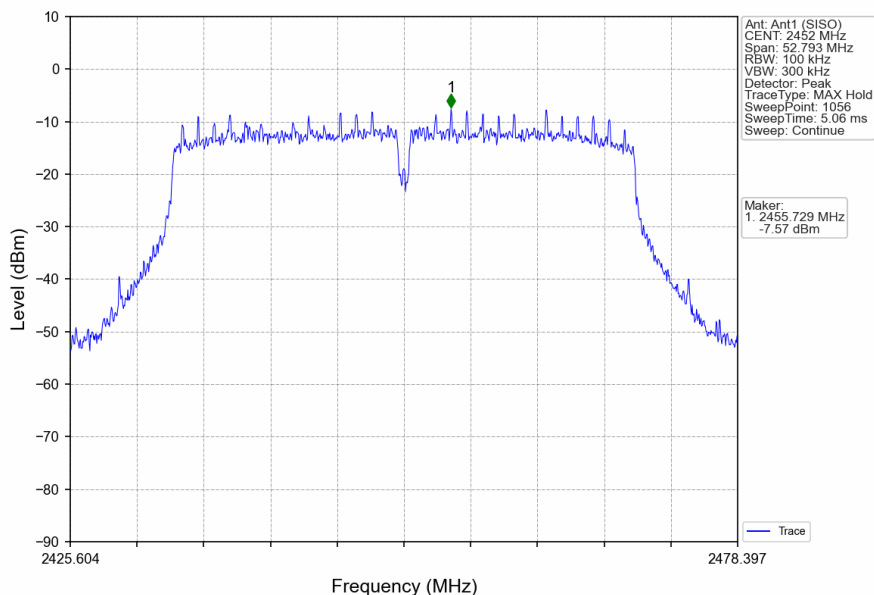
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### 802.11n(HT40)\_MCH\_2437MHz\_Ant1 (SISO)\_NTNV



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



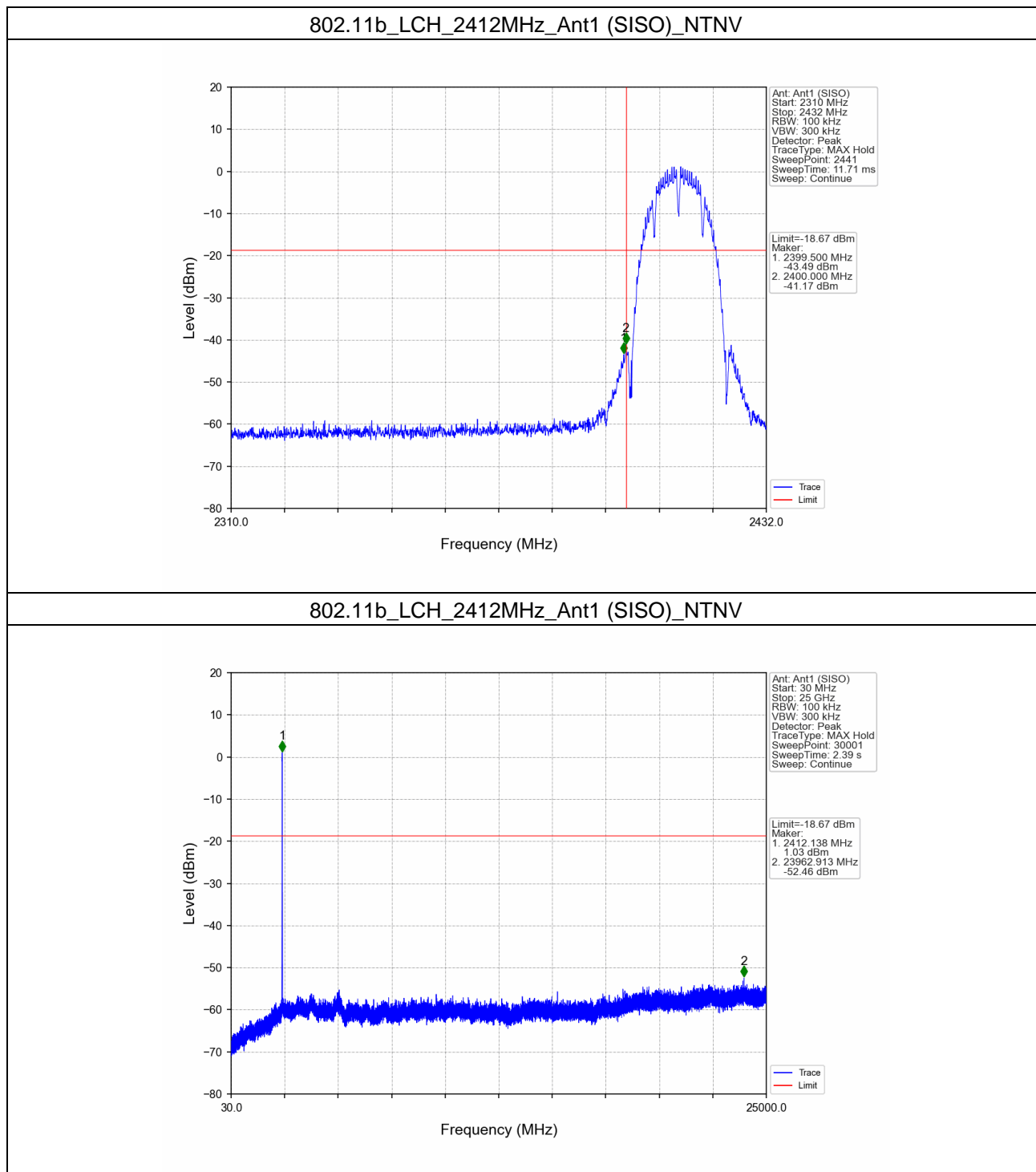
### 5.2 CSE and Band Edges

#### 5.2.1 Test Result

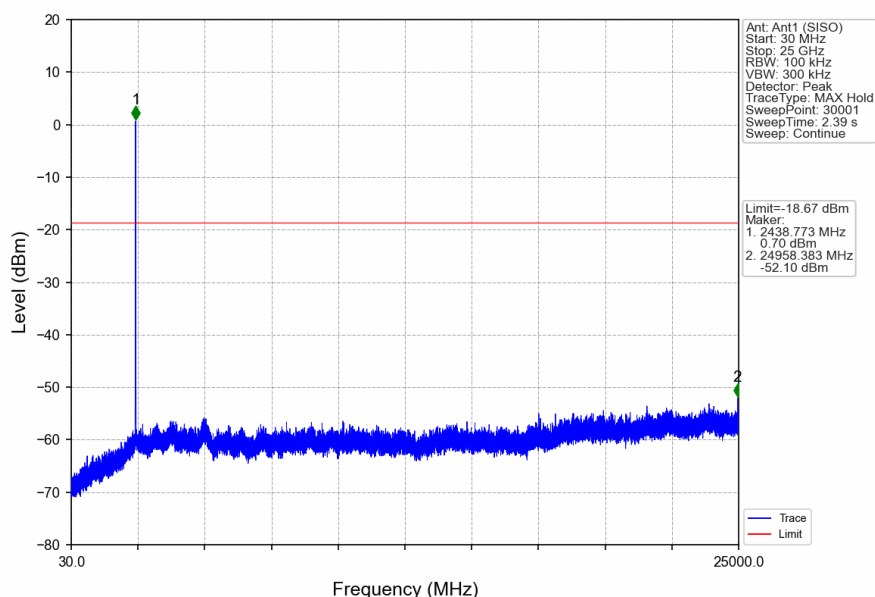
Mode	TX Type	Frequency (MHz)	ANT	Level of Reference (dBm)	Limit (dBm)	Verdict
802.11b	SISO	2412	1	1.33	-18.67	Pass
		2437	1	1.33	-18.67	Pass
		2462	1	1.33	-18.67	Pass
802.11g	SISO	2412	1	1.00	-19.00	Pass
		2437	1	1.00	-19.00	Pass
		2462	1	1.00	-19.00	Pass
802.11n (HT20)	SISO	2412	1	-5.48	-25.48	Pass
		2437	1	-5.48	-25.48	Pass
		2462	1	-5.48	-25.48	Pass
802.11n (HT40)	SISO	2422	1	-4.35	-24.35	Pass
		2437	1	-4.35	-24.35	Pass
		2452	1	-4.35	-24.35	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.

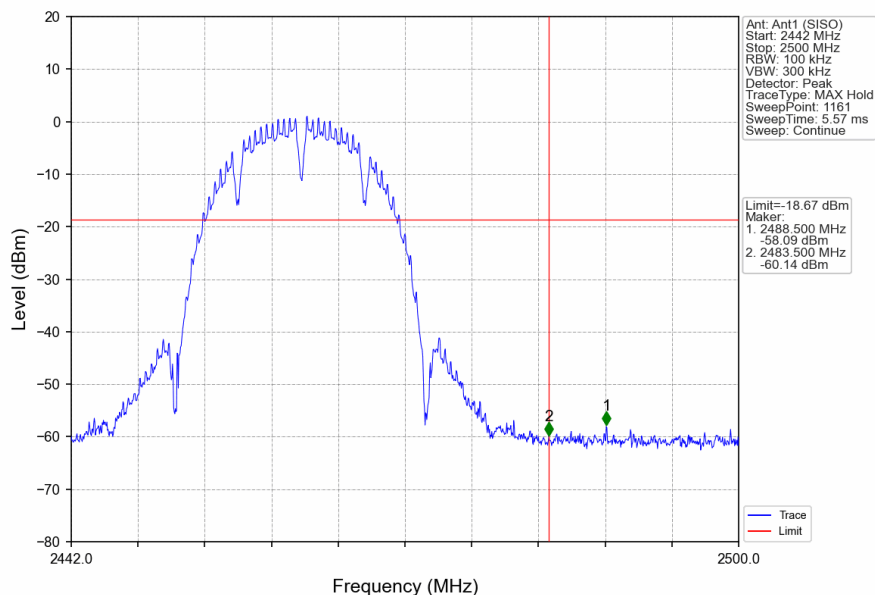
### 5.2.2 Test Graph



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

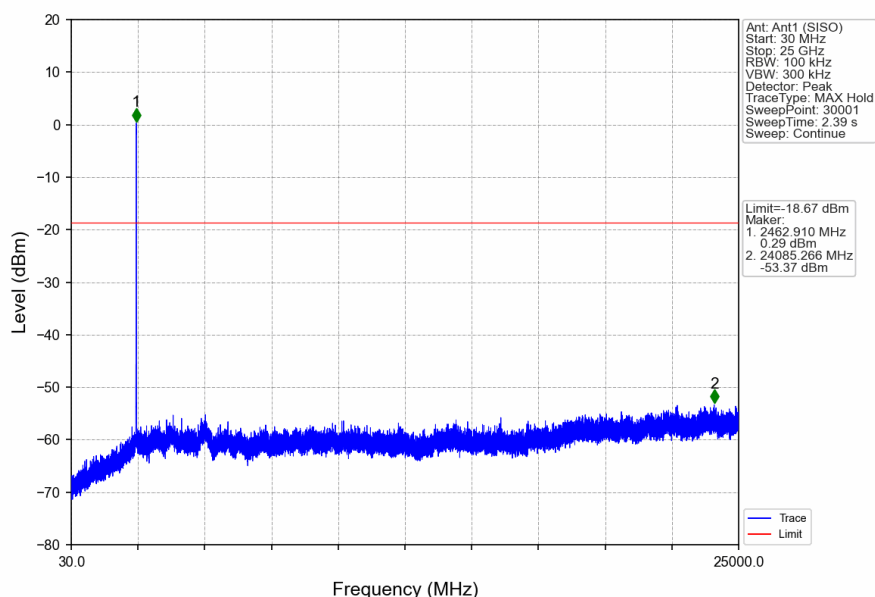


### 802.11b\_HCH\_2462MHz\_Ant1 (SISO)\_NTNV

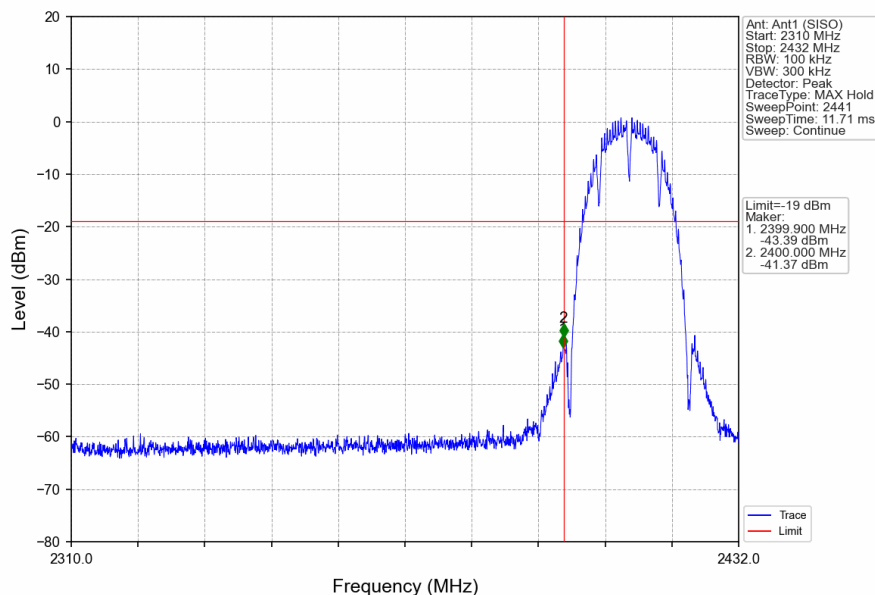




### 802.11b\_HCH\_2462MHz\_Ant1 (SISO)\_NTNV



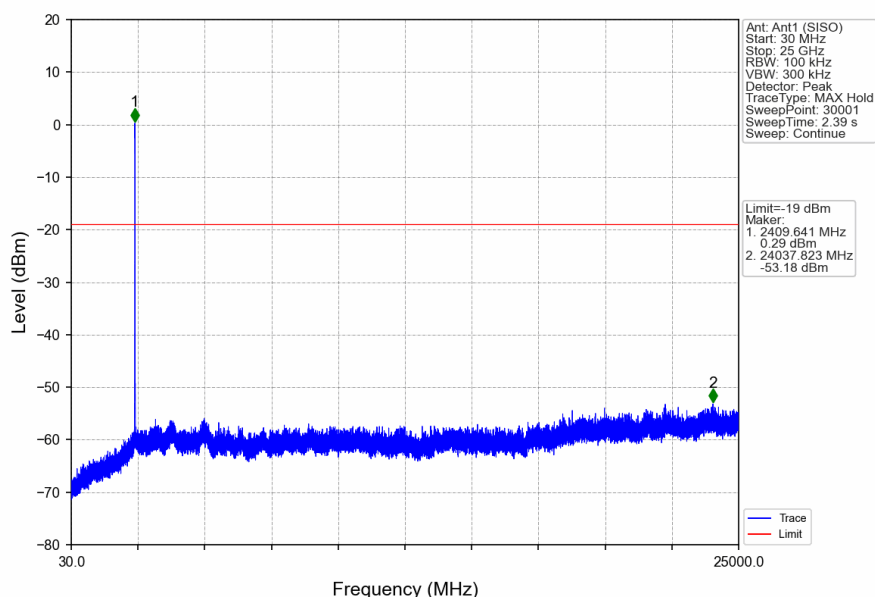
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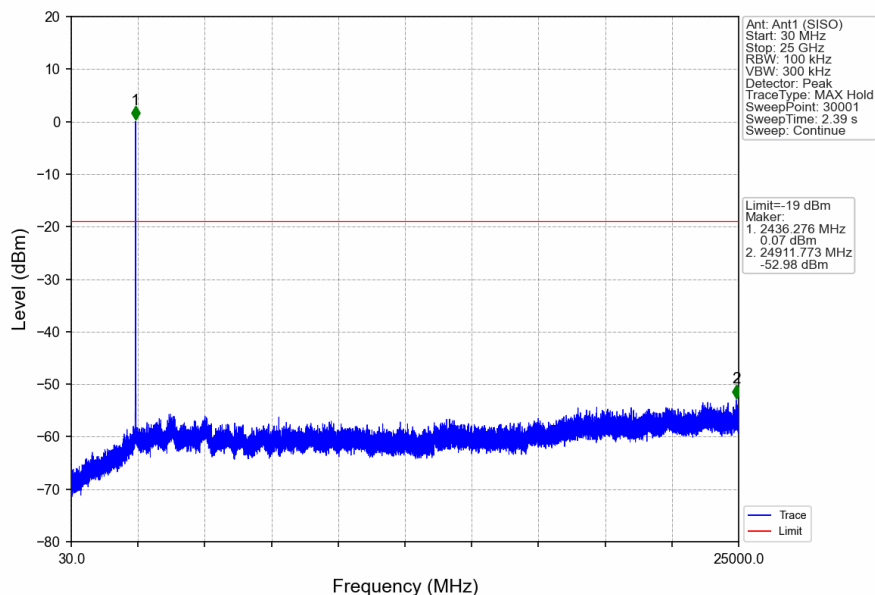
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### 802.11g\_LCH\_2412MHz\_Ant1 (SISO)\_NTNV



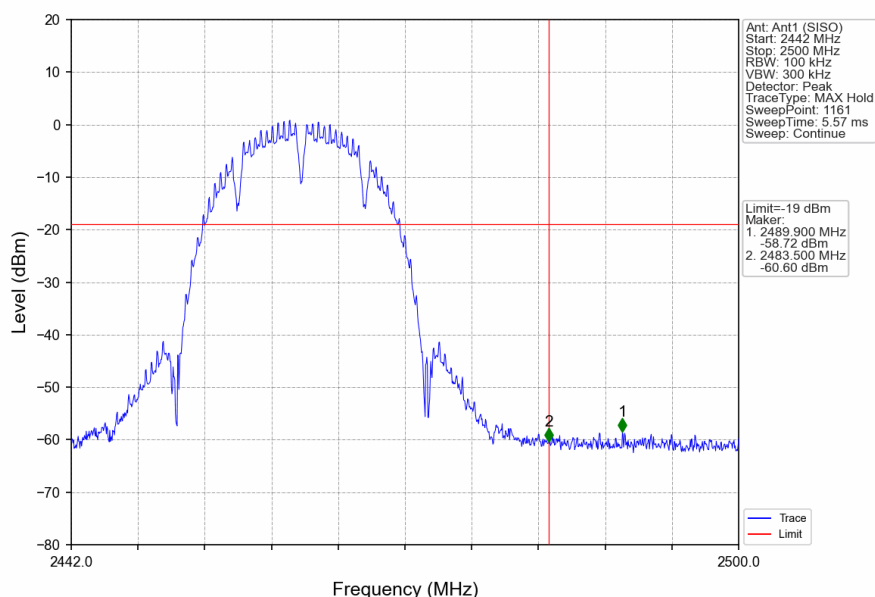
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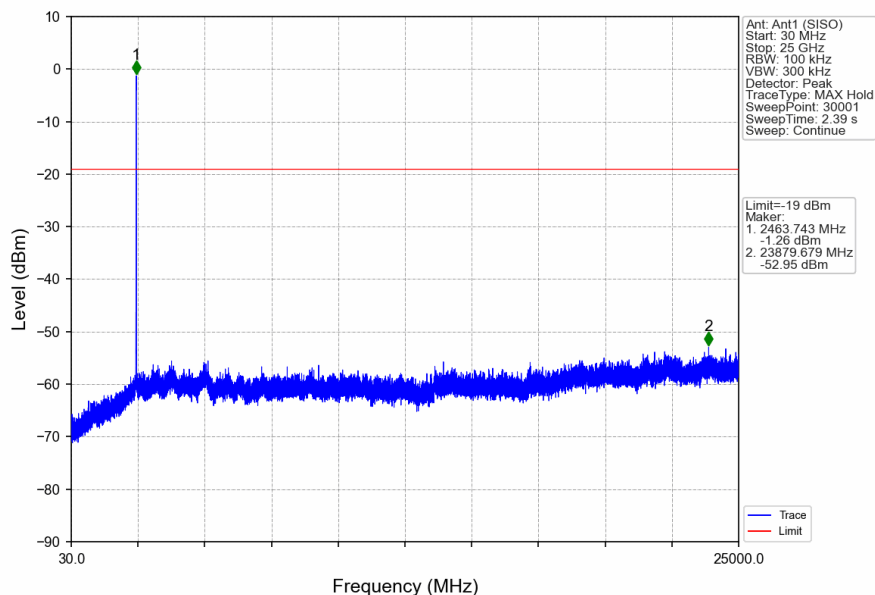
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### 802.11g\_HCH\_2462MHz\_Ant1 (SISO)\_NTNV



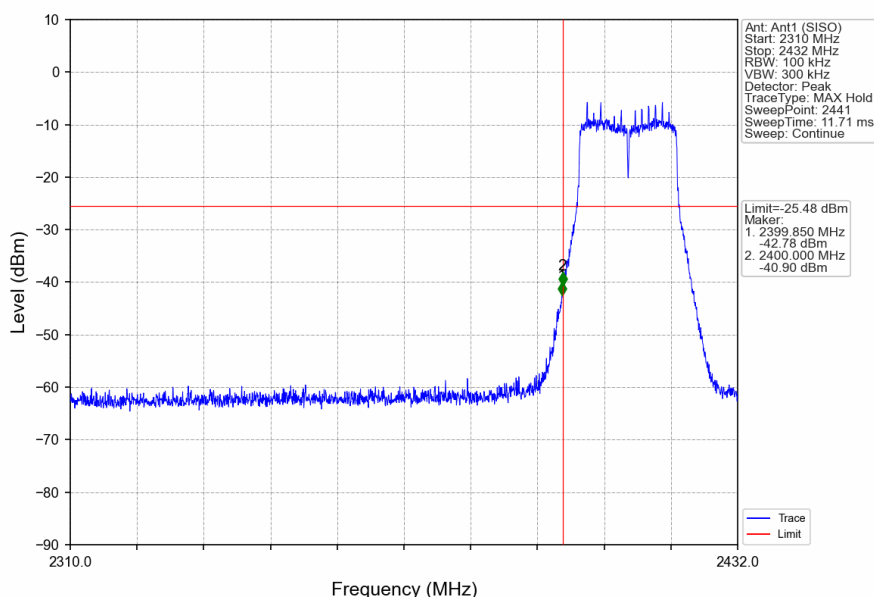
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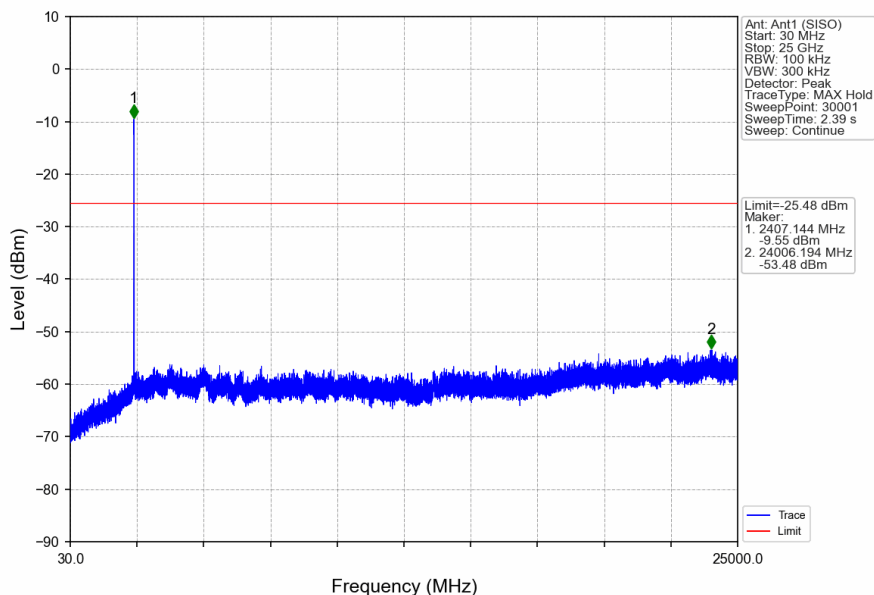
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### 802.11n(HT20)\_LCH\_2412MHz\_Ant1 (SISO)\_NTNV



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

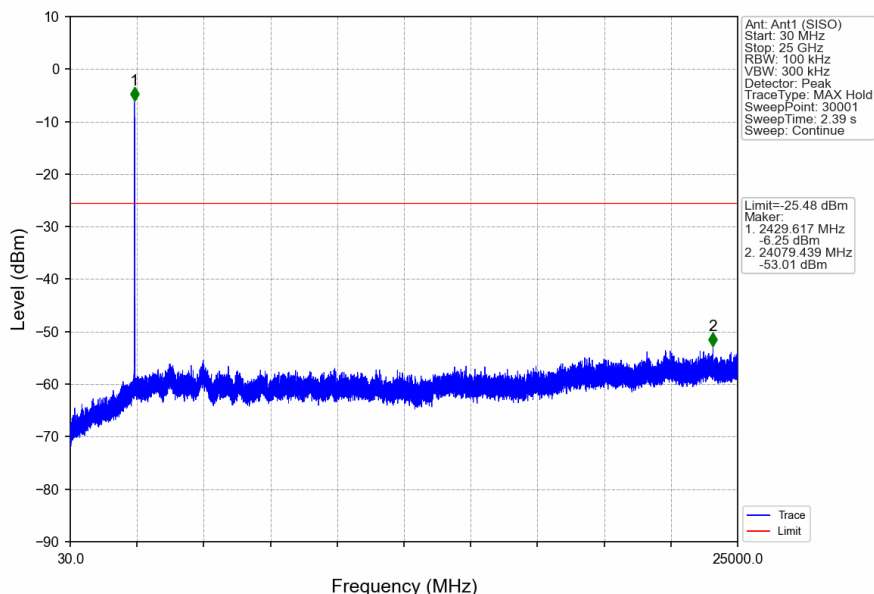


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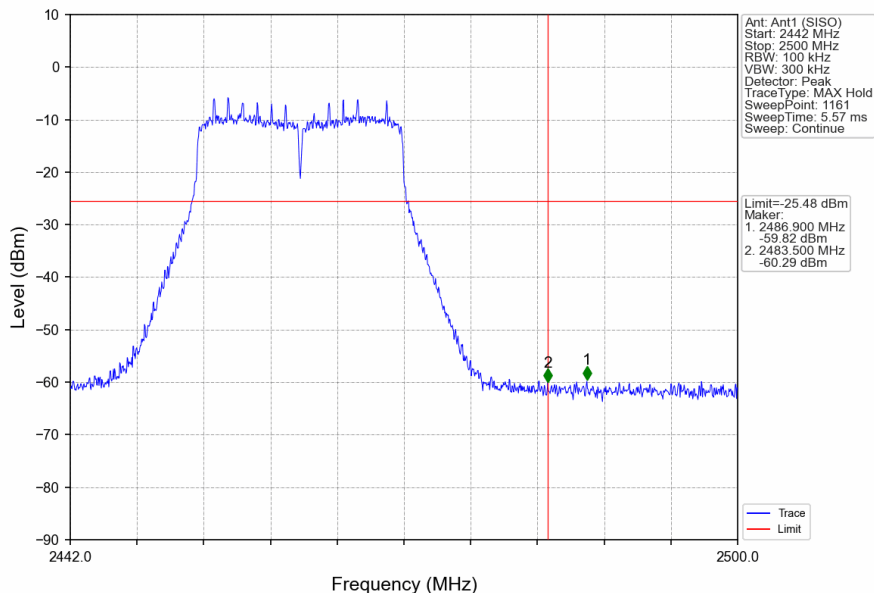
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### 802.11n(HT20)\_MCH\_2437MHz\_Ant1 (SISO)\_NTNV



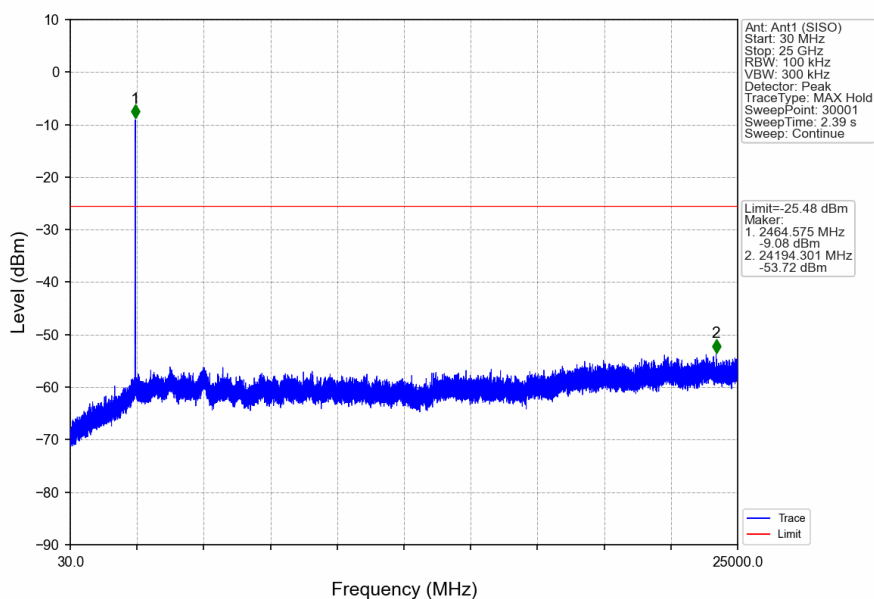
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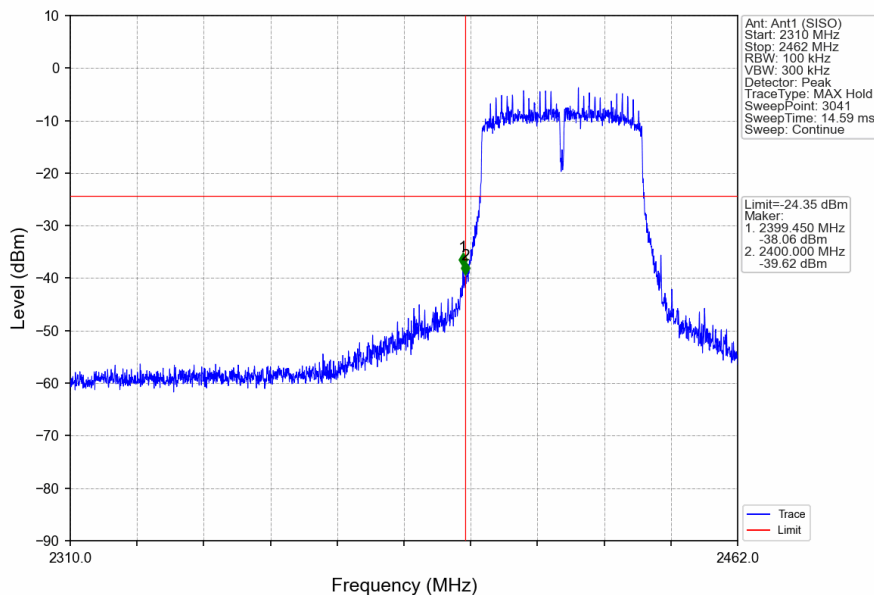
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### 802.11n(HT20)\_HCH\_2462MHz\_Ant1 (SISO)\_NTNV



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

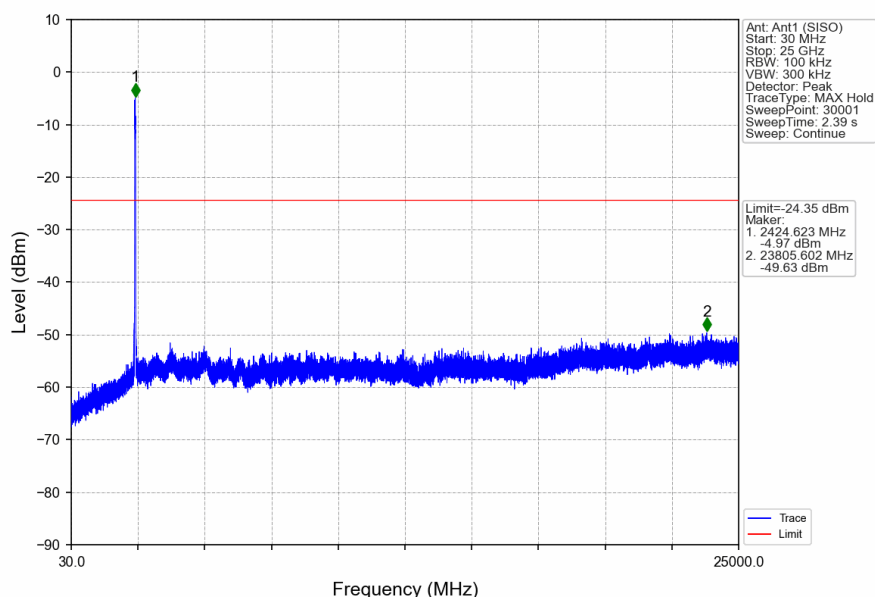


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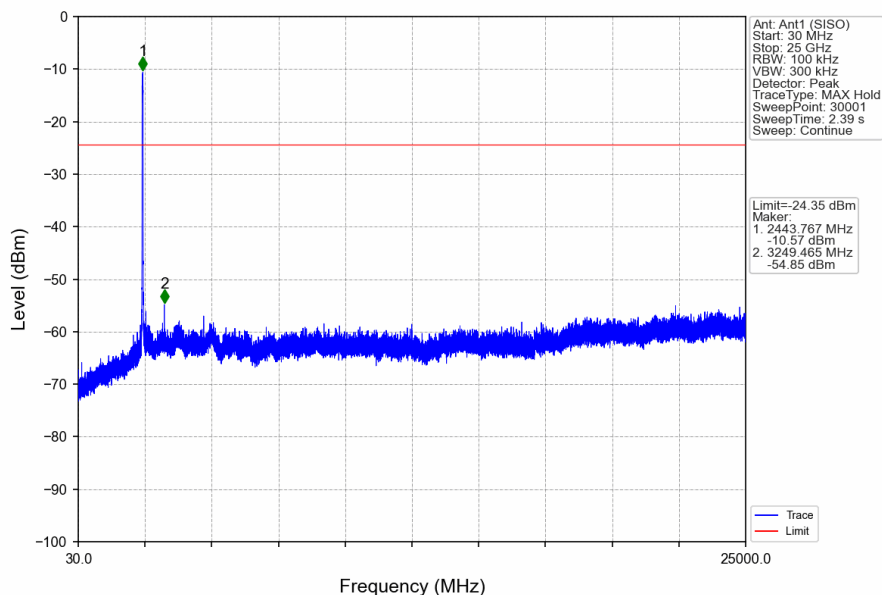
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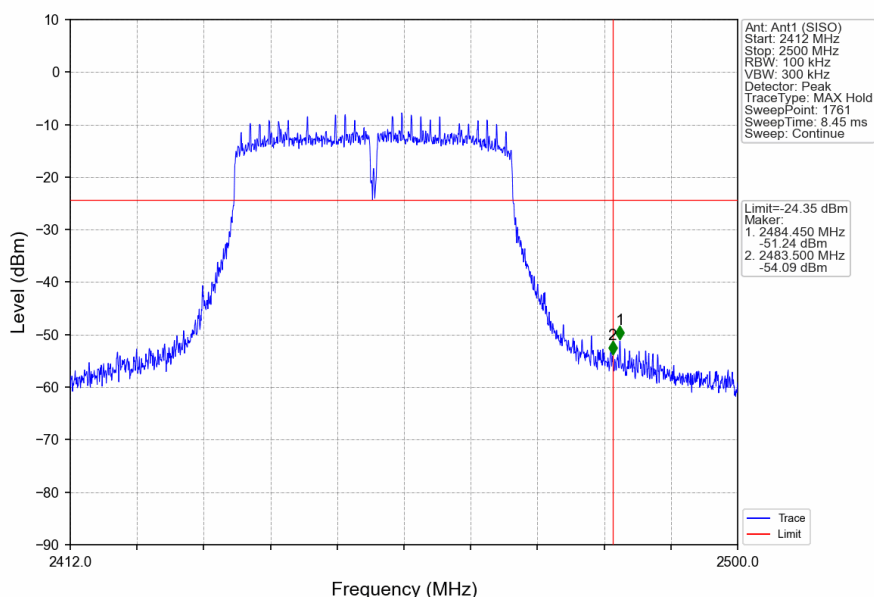
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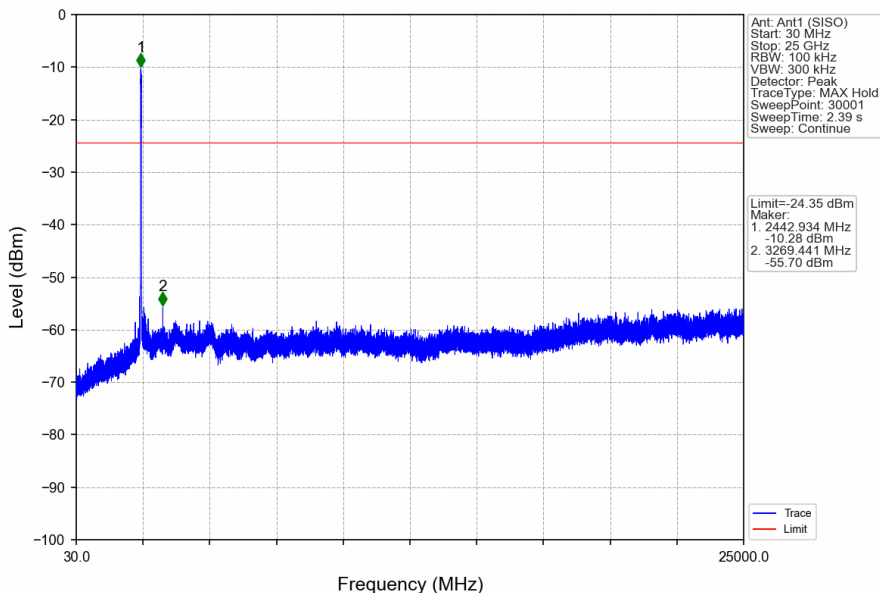
### 802.11n(HT40)\_MCH\_2437MHz\_Ant1 (SISO)\_NTNV



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



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



- End of the Report -



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