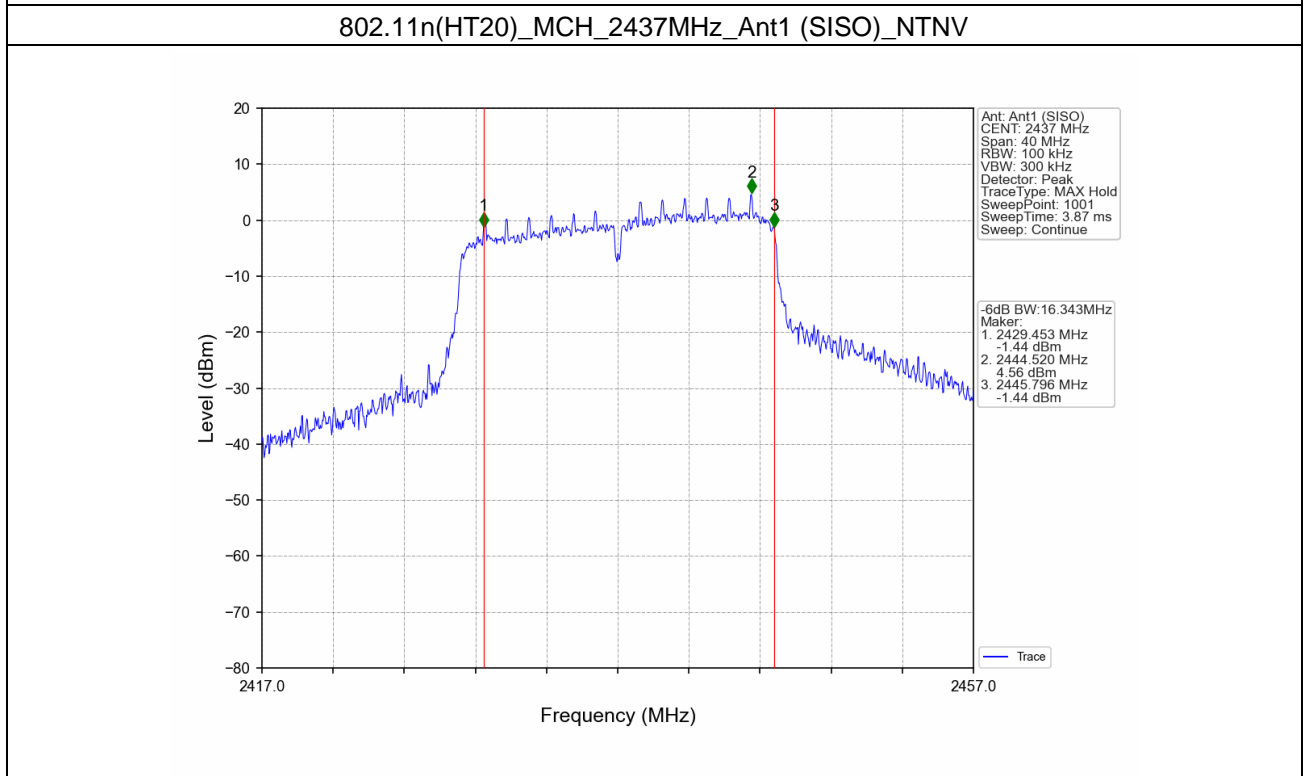
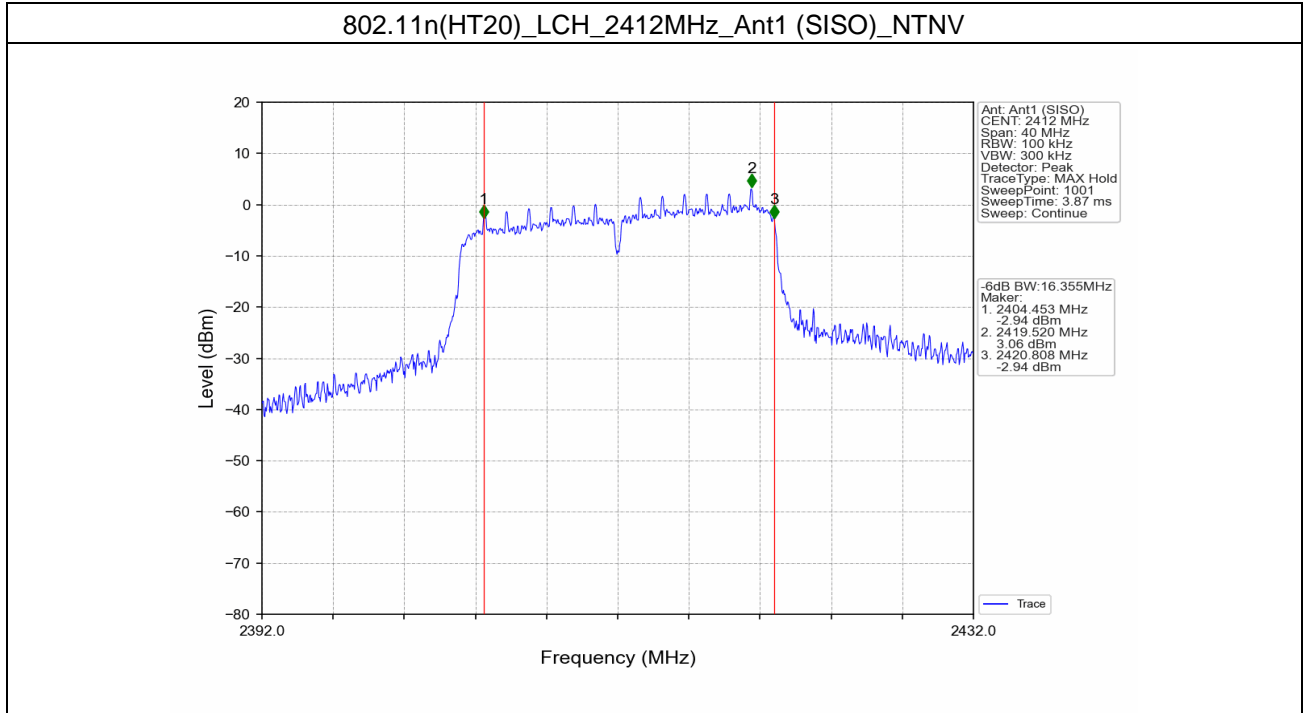


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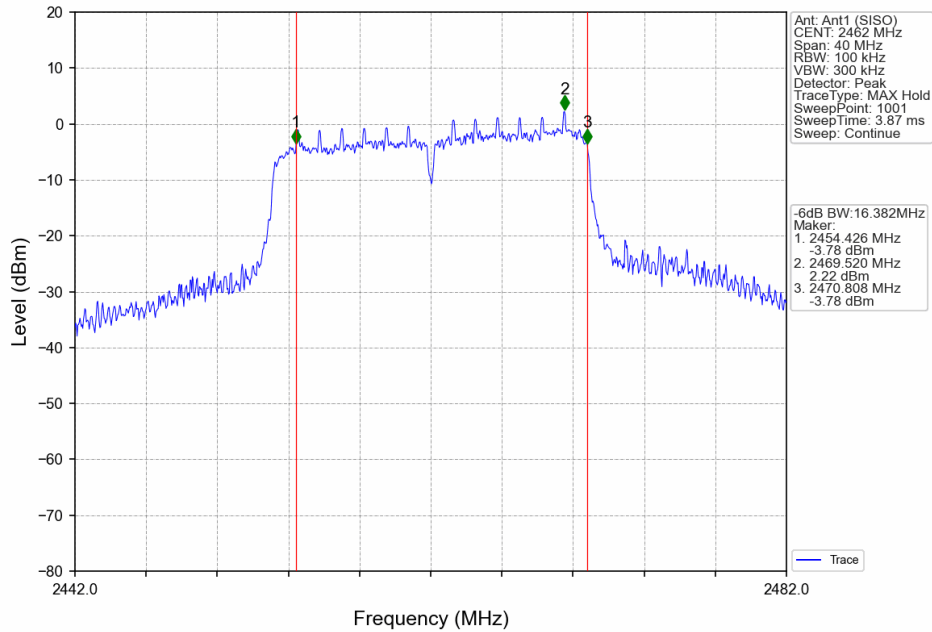


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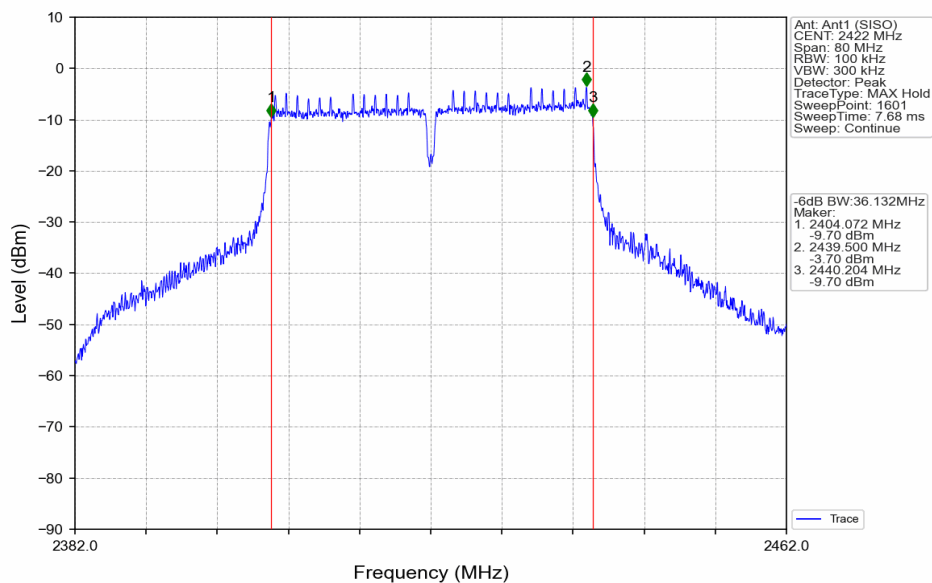
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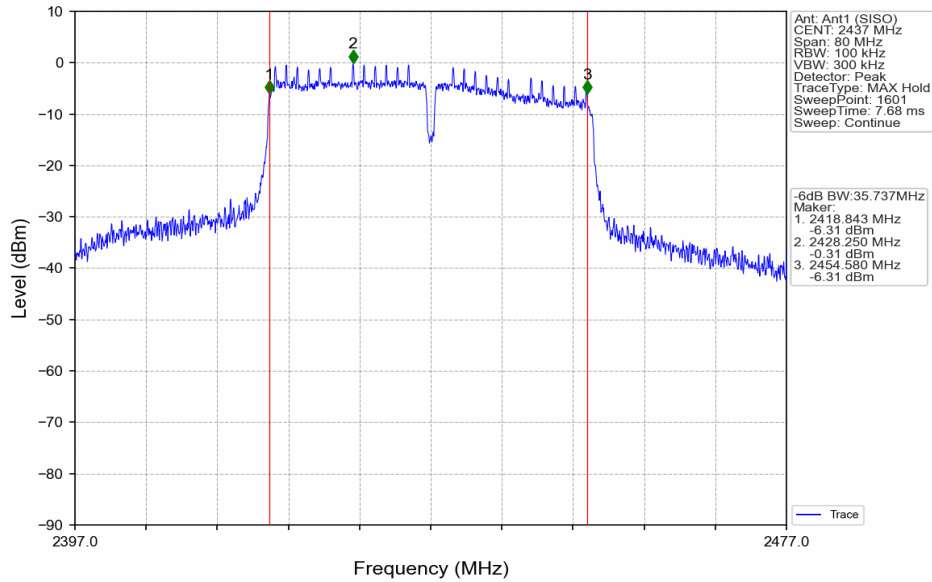
802.11n(HT20)\_HCH\_2462MHz\_Ant1 (SISO)\_NTNV



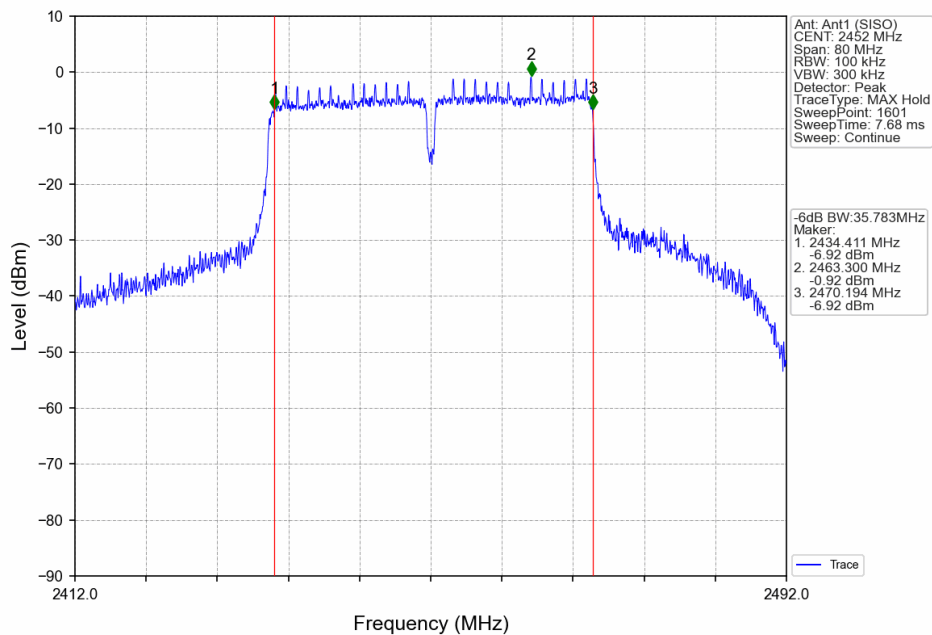
802.11n(HT40)\_LCH\_2422MHz\_Ant1 (SISO)\_NTNV



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



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



# Compliance Certification Services (Kunshan) Inc. Shenzhen Branch

SZCCS-TRF-01 Rev. A/0 Aug01,2022

Report No.: FYCR221000040004

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## 3. Maximum Conducted Output Power

### 3.1 Power

#### 3.1.1 Test Result

Mode	TX Type	Frequency (MHz)	Maximum Average Conducted Output Power (dBm)		Verdict
			ANT1	Limit	
802.11b	SISO	2412	13.82	<=30	Pass
		2437	14.83	<=30	Pass
		2462	13.87	<=30	Pass
802.11g	SISO	2412	12.61	<=30	Pass
		2437	13.77	<=30	Pass
		2462	12.00	<=30	Pass
802.11n (HT20)	SISO	2412	12.58	<=30	Pass
		2437	13.92	<=30	Pass
		2462	12.28	<=30	Pass
802.11n (HT40)	SISO	2422	11.01	<=30	Pass
		2437	12.13	<=30	Pass
		2452	11.93	<=30	Pass



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## 4. Maximum Power Spectral Density

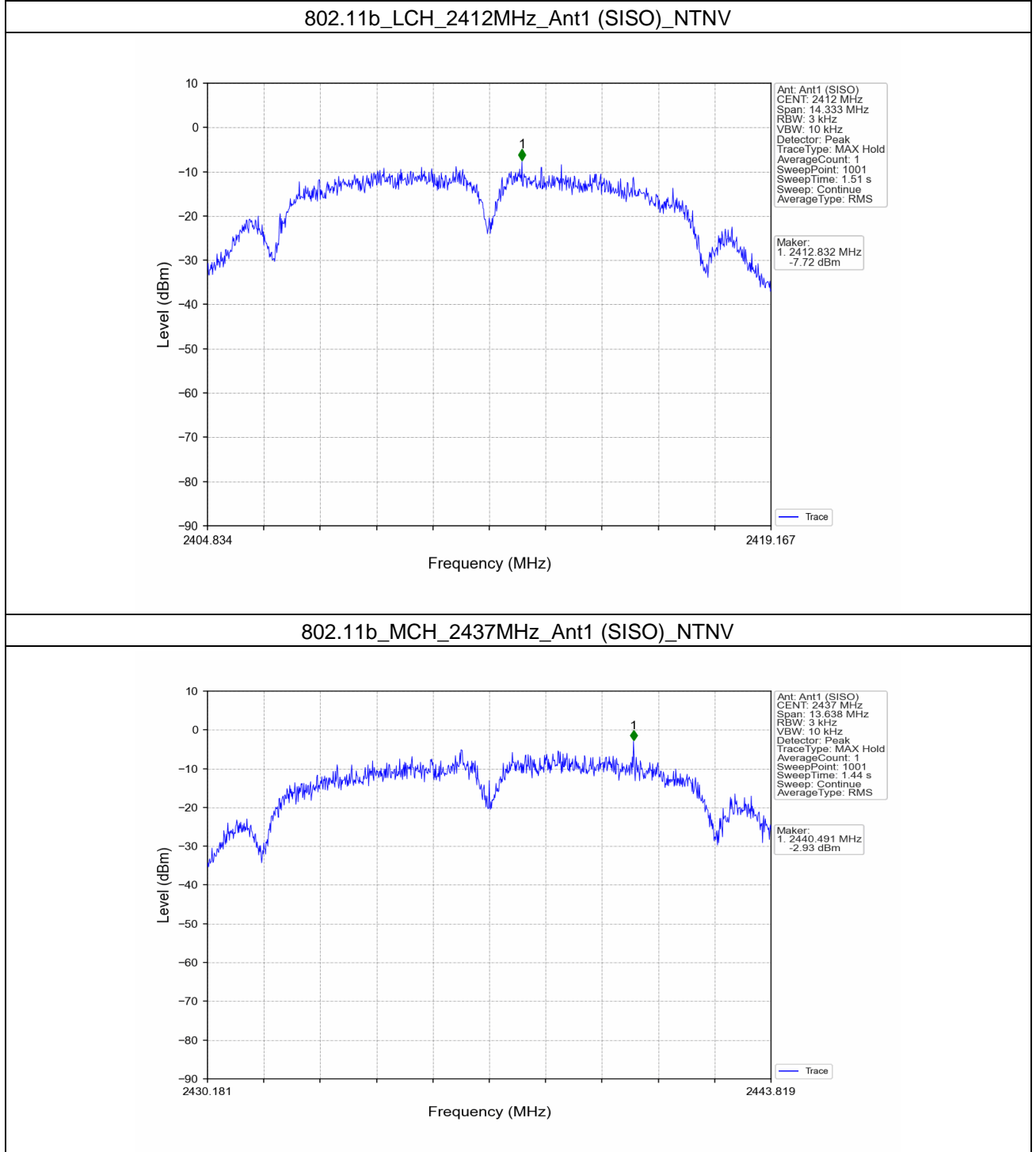
### 4.1 PSD

#### 4.1.1 Test Result

Mode	TX Type	Frequency (MHz)	Maximum PSD (dBm/3kHz)		Verdict
			ANT1	Limit	
802.11b	SISO	2412	-7.72	<=8	Pass
		2437	-2.93	<=8	Pass
		2462	-5.78	<=8	Pass
802.11g	SISO	2412	-12.59	<=8	Pass
		2437	-10.51	<=8	Pass
		2462	-13.23	<=8	Pass
802.11n (HT20)	SISO	2412	-11.83	<=8	Pass
		2437	-10.42	<=8	Pass
		2462	-11.83	<=8	Pass
802.11n (HT40)	SISO	2422	-18.27	<=8	Pass
		2437	-14.79	<=8	Pass
		2452	-15.52	<=8	Pass

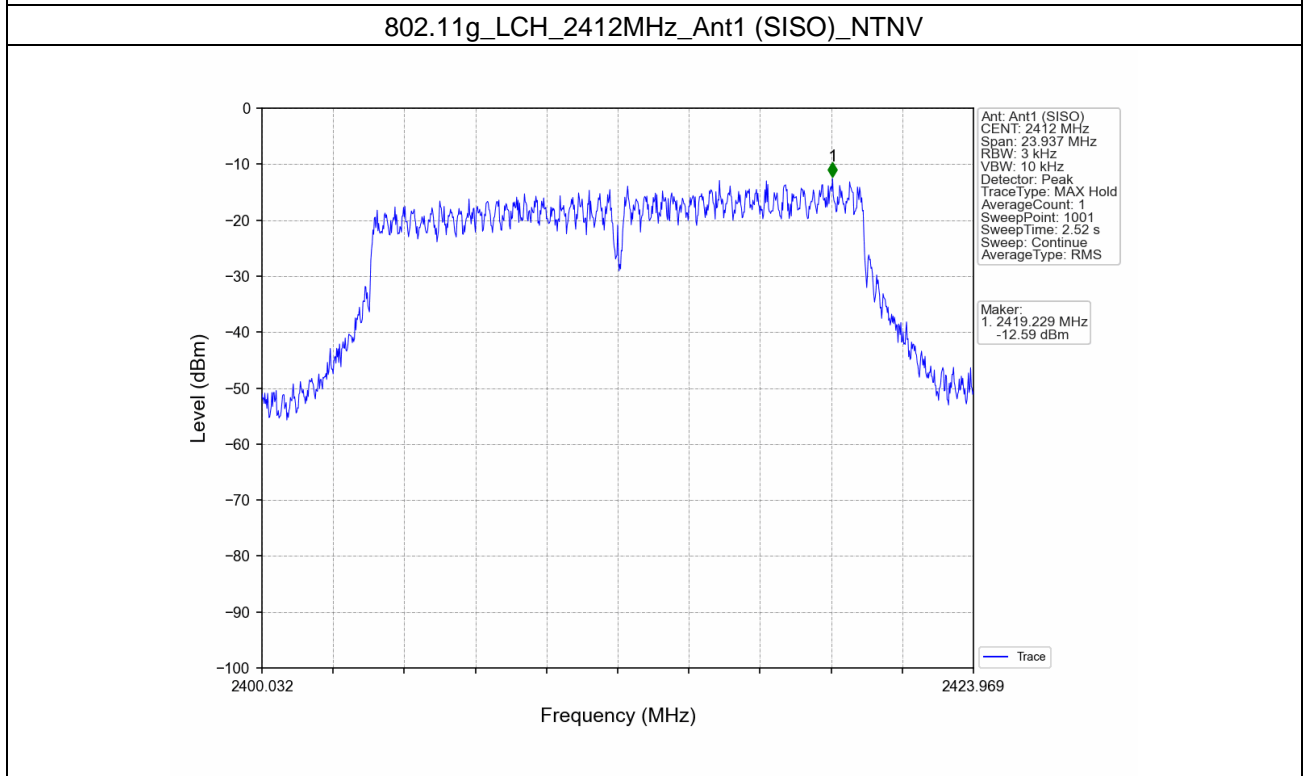
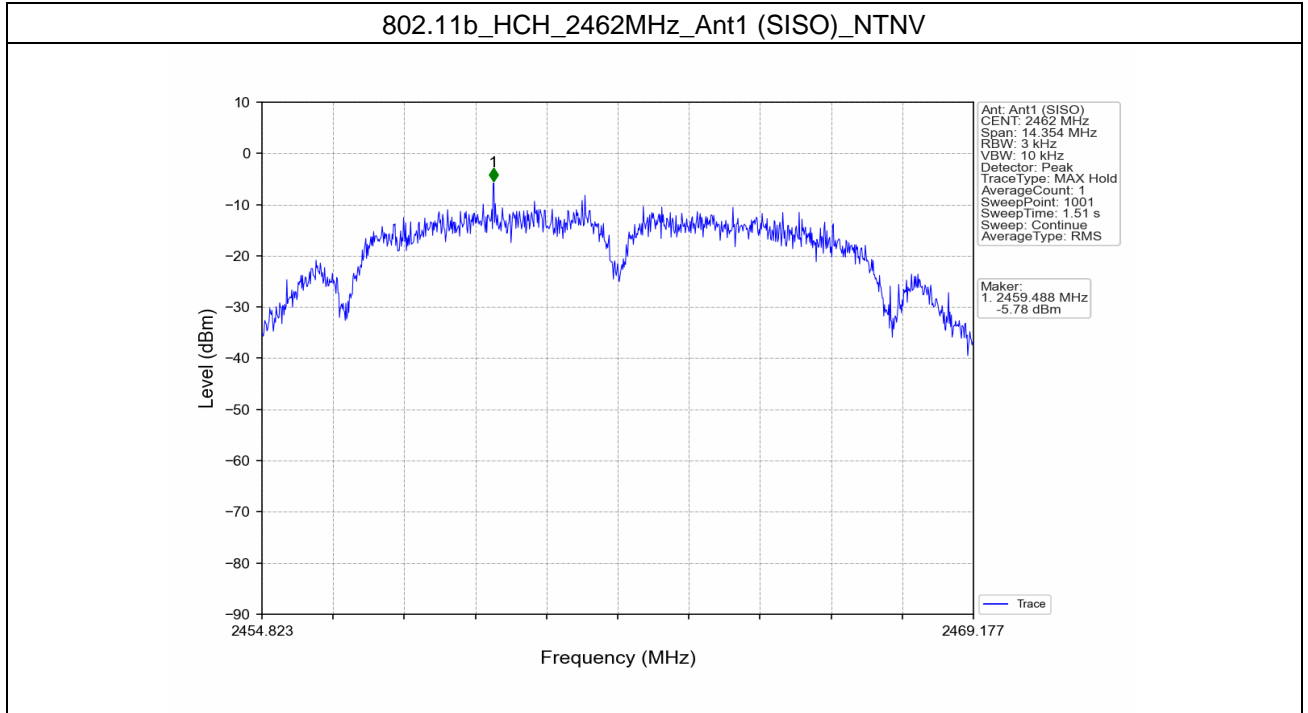


### 4.1.2 Test Graph



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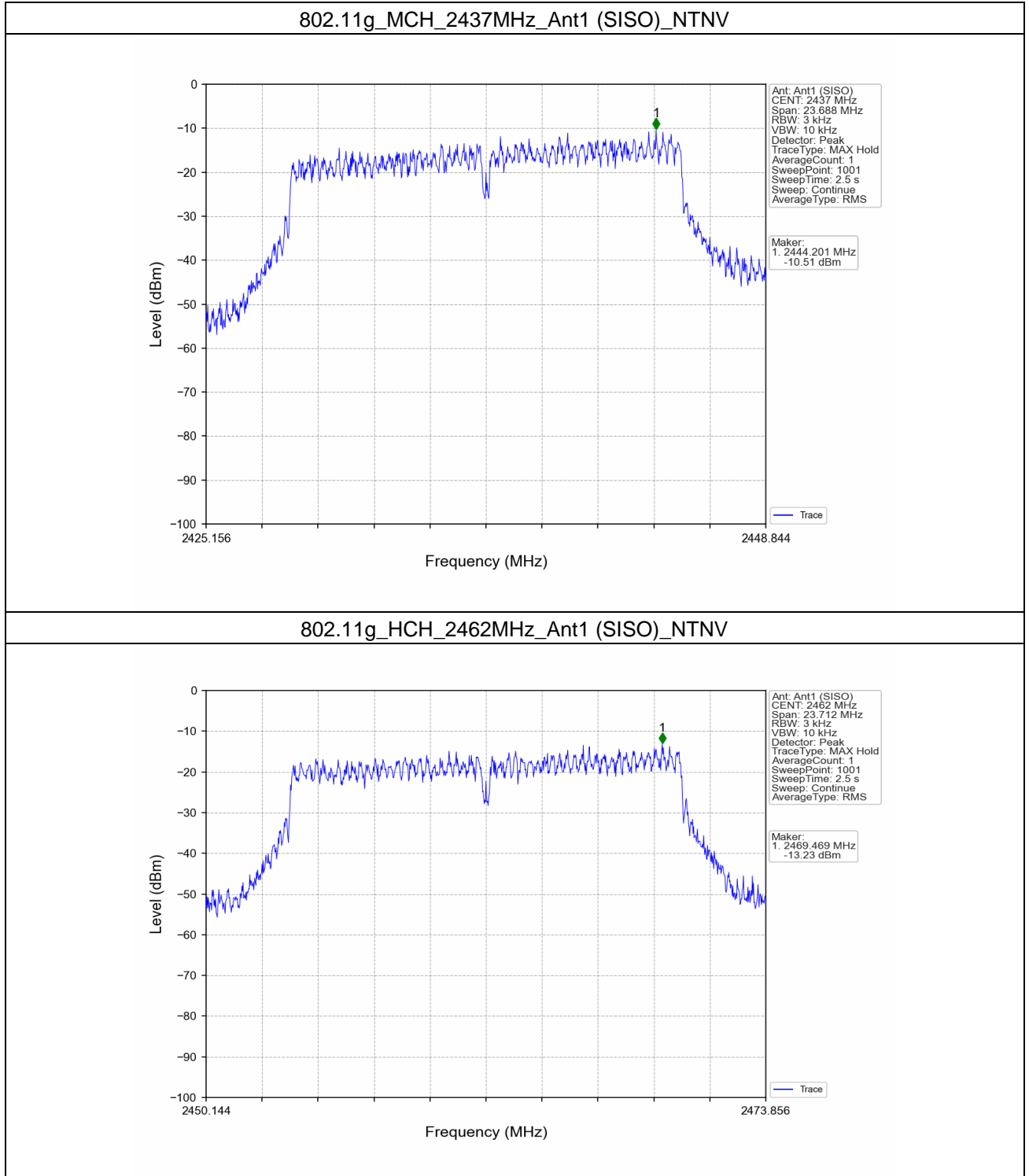
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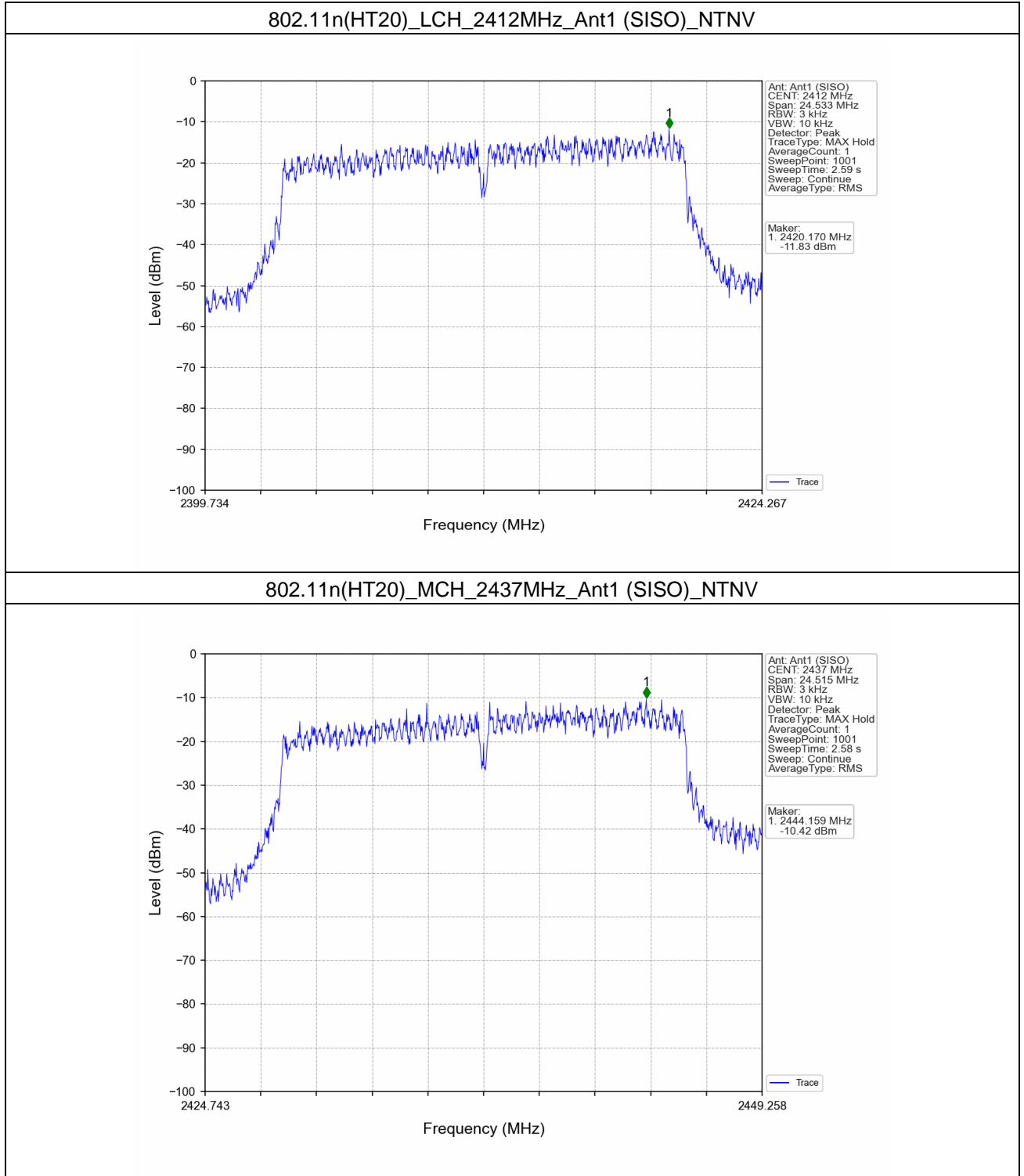
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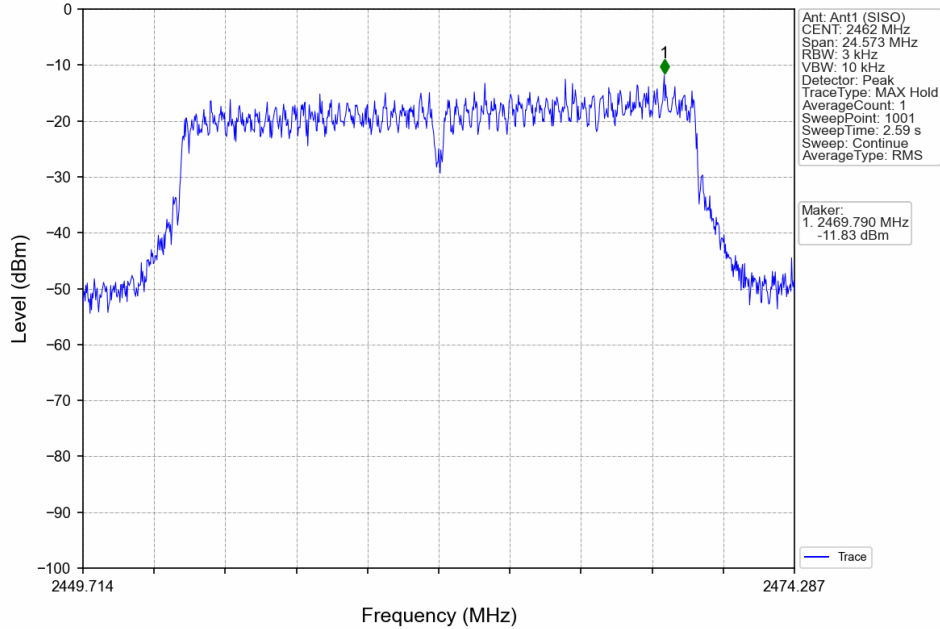


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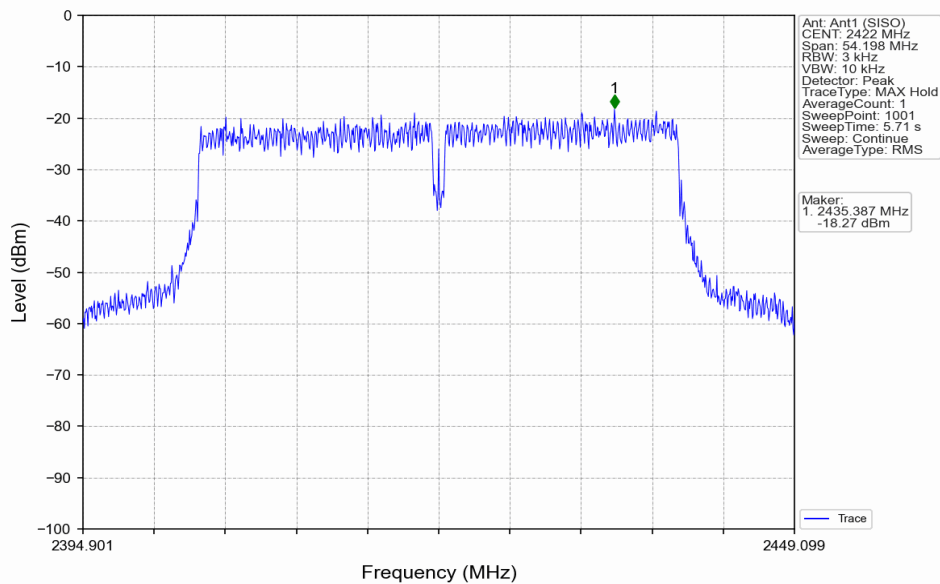
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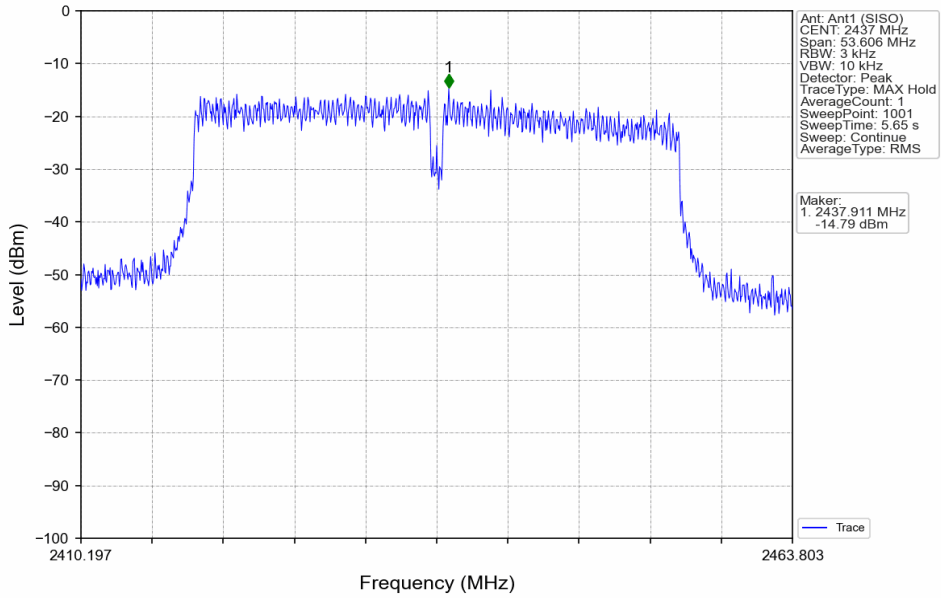
802.11n(HT20)\_HCH\_2462MHz\_Ant1 (SISO)\_NTNV



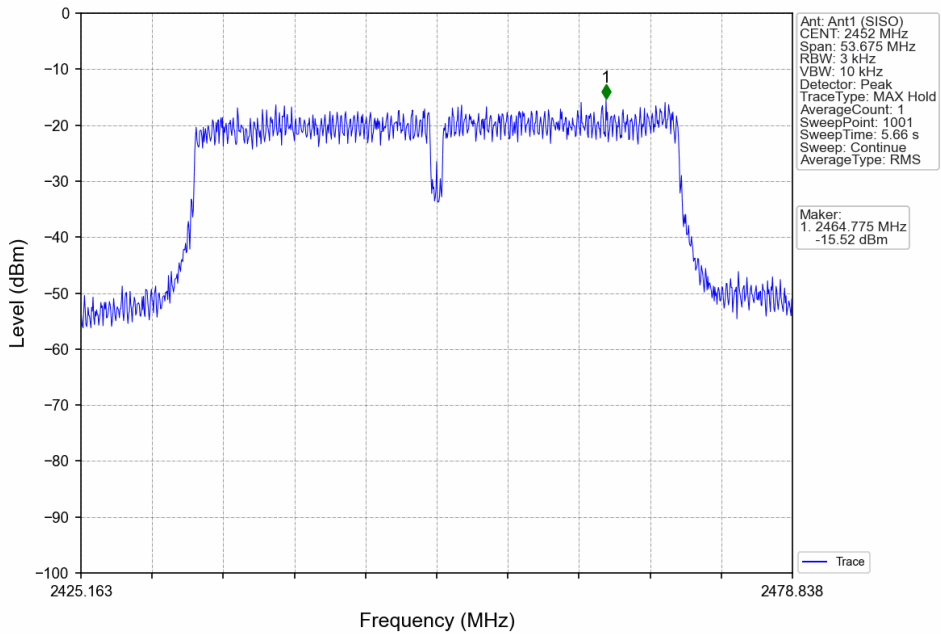
802.11n(HT40)\_LCH\_2422MHz\_Ant1 (SISO)\_NTNV



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

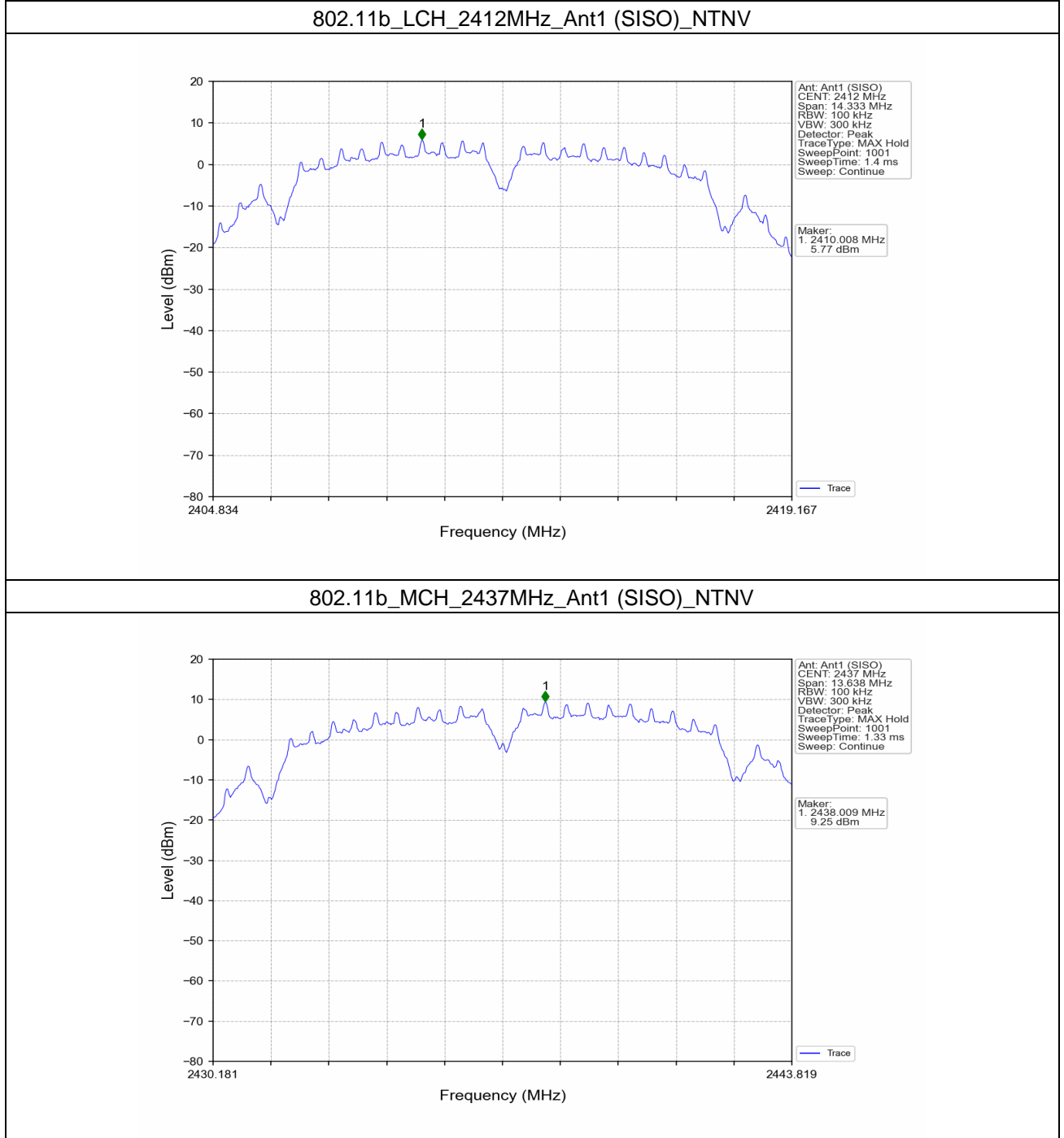
#### 5.1.1 Test Result

Mode	TX Type	Frequency (MHz)	ANT	Level of Reference (dBm)
802.11b	SISO	2412	1	5.77
		2437	1	9.25
		2462	1	5.18
802.11g	SISO	2412	1	3.11
		2437	1	4.34
		2462	1	2.20
802.11n (HT20)	SISO	2412	1	3.06
		2437	1	4.30
		2462	1	1.75
802.11n (HT40)	SISO	2422	1	-3.59
		2437	1	-0.34
		2452	1	-0.97

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.



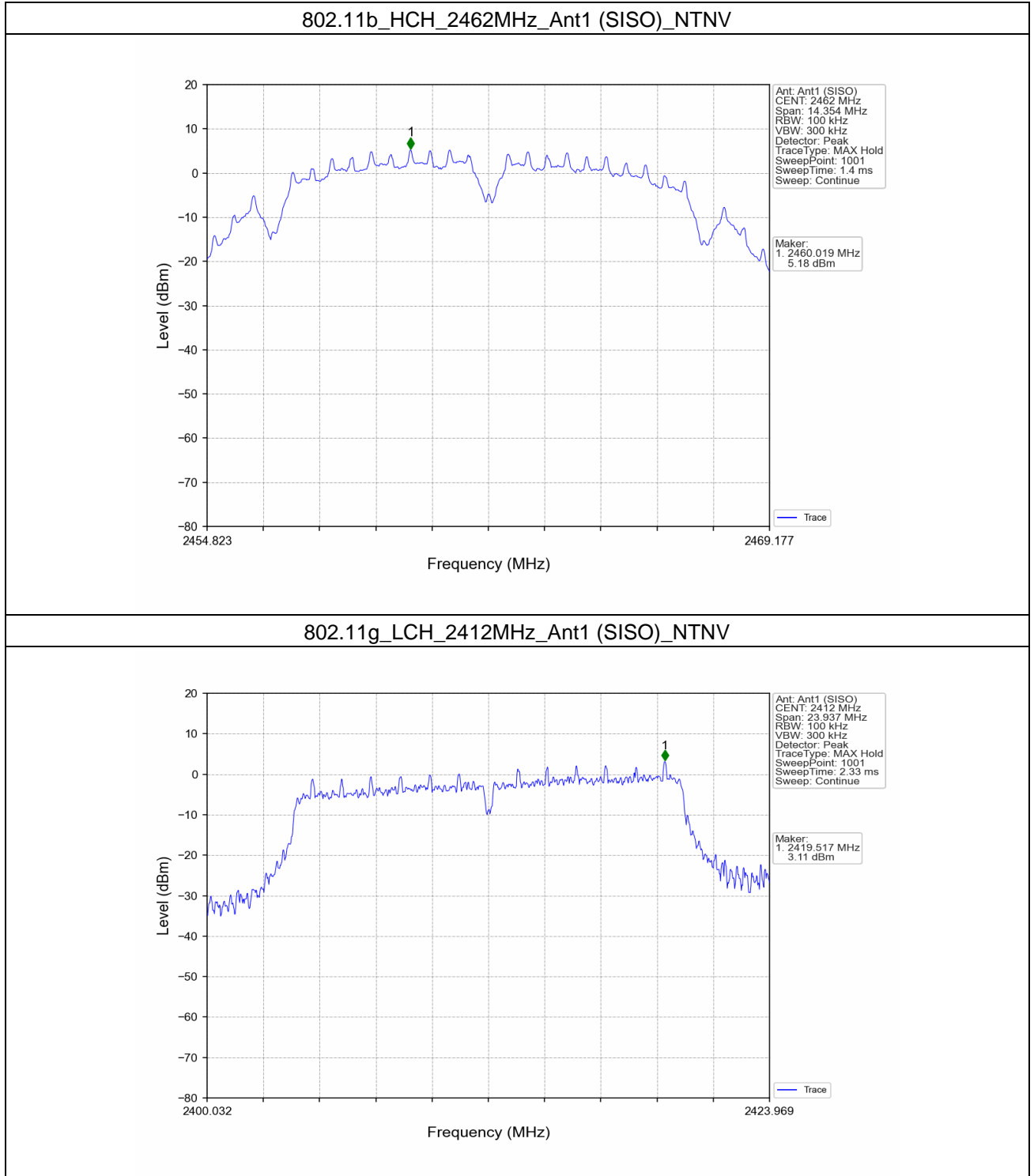
### 5.1.2 Test Graph



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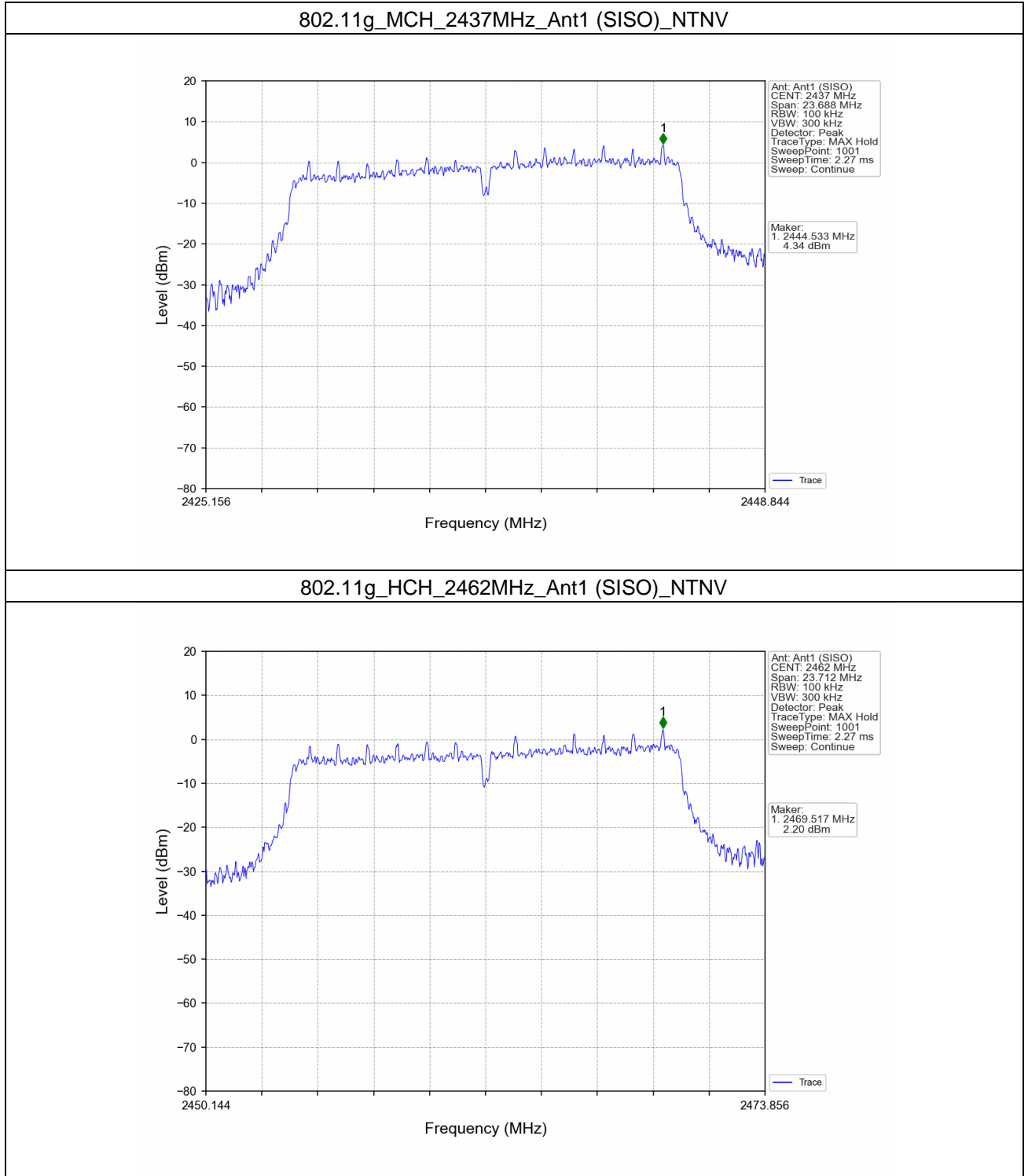
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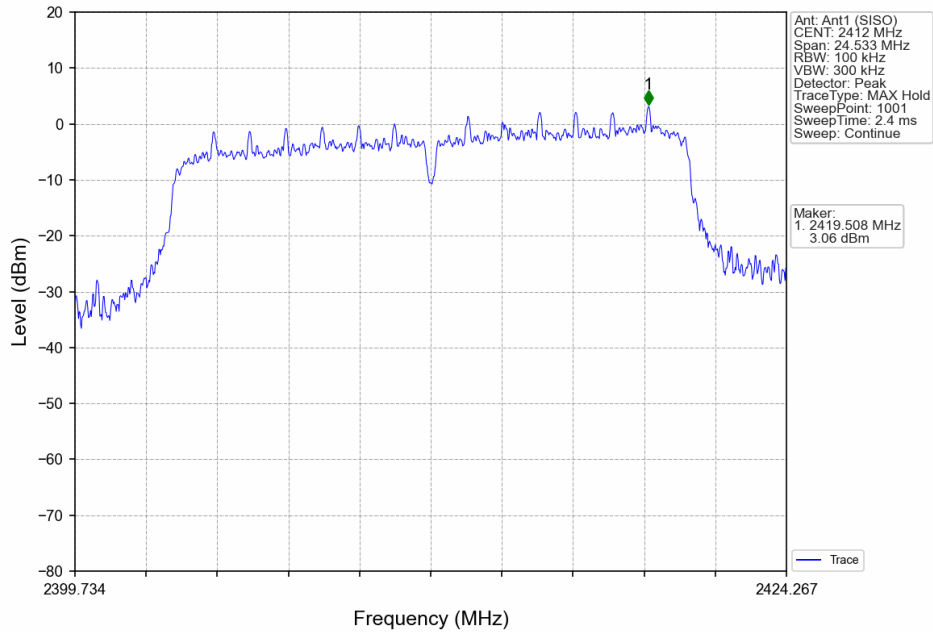
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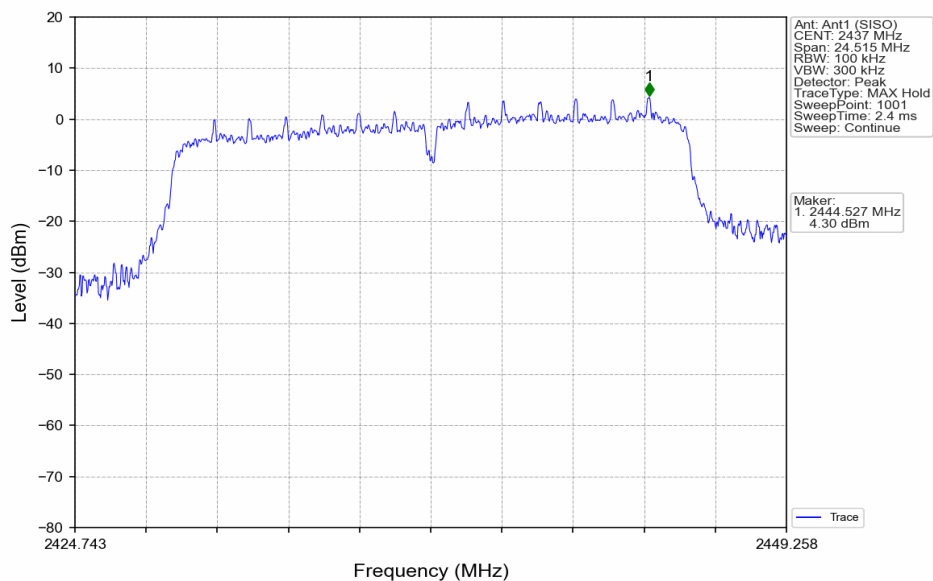




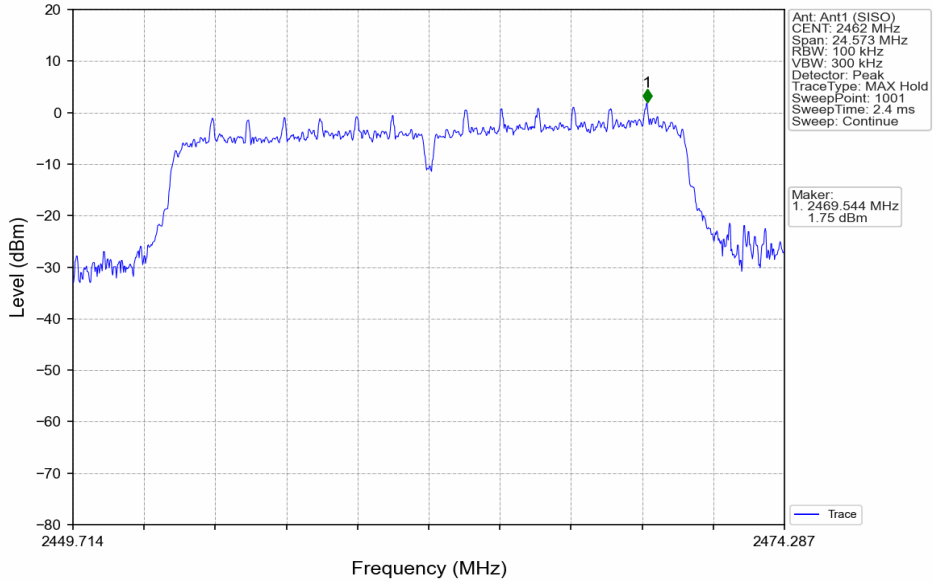
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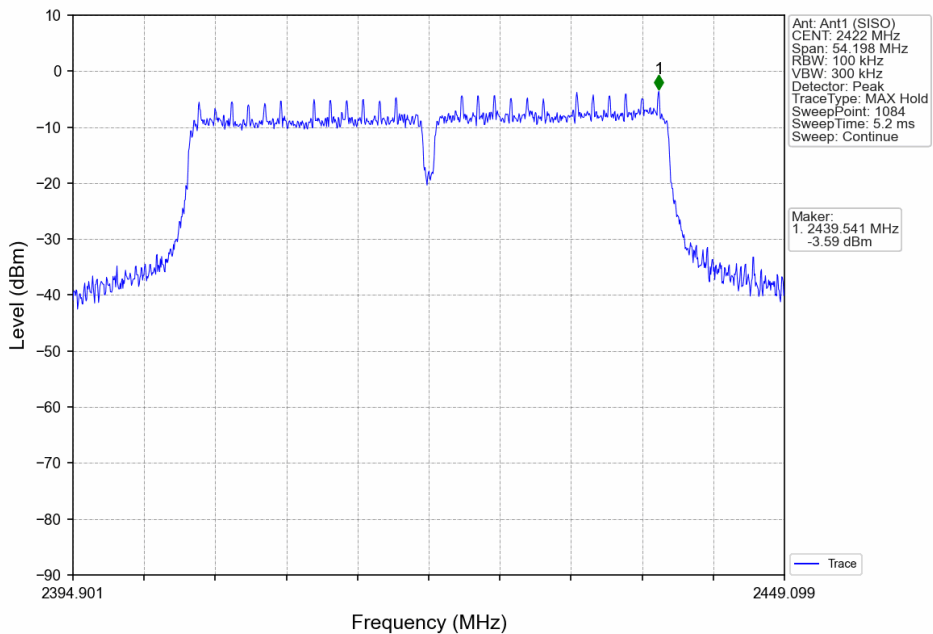
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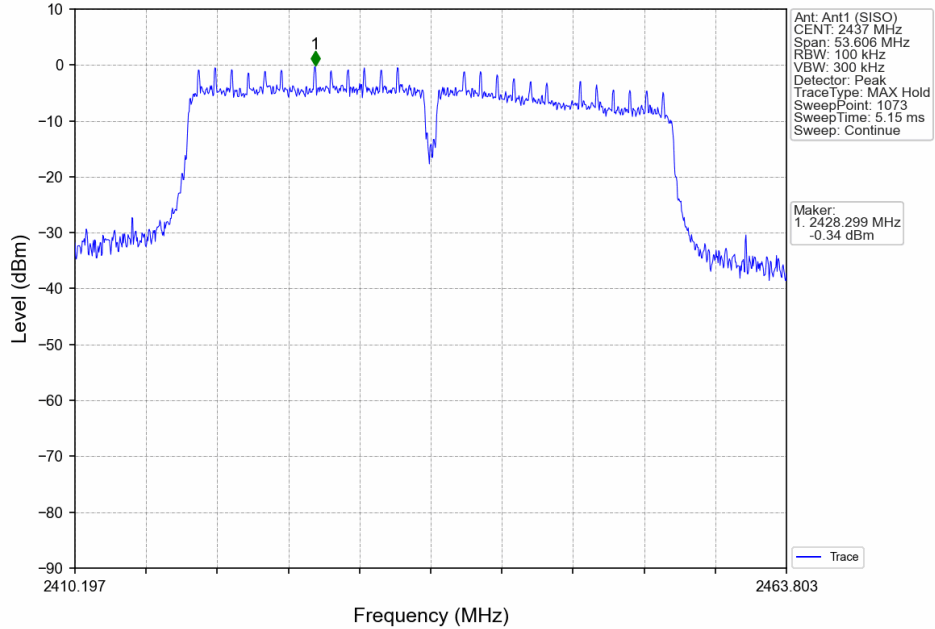
802.11n(HT20)\_HCH\_2462MHz\_Ant1 (SISO)\_NTNV



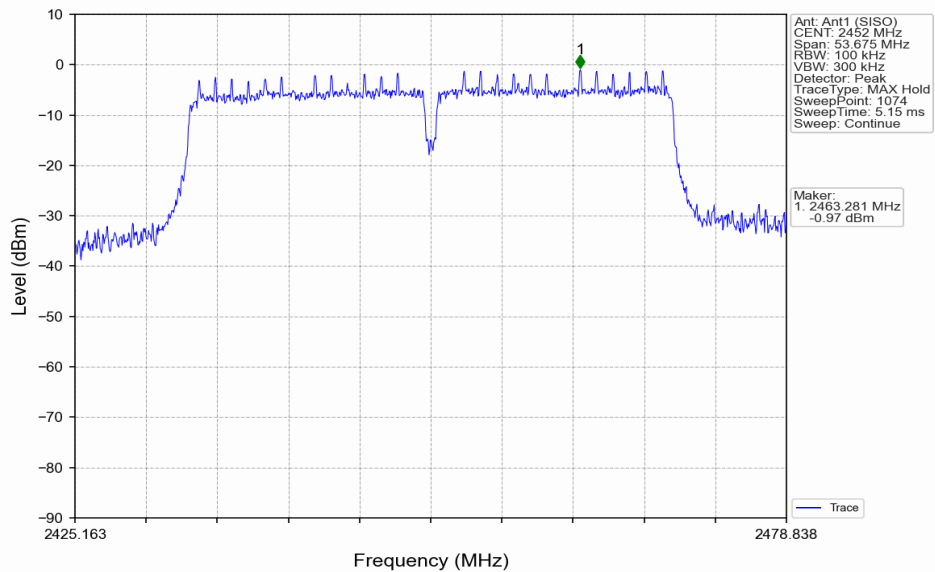
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802.11n(HT40)\_MCH\_2437MHz\_Ant1 (SISO)\_NTNV



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



## Compliance Certification Services (Kunshan) Inc. Shenzhen Branch

SZCCS-TRF-01 Rev. A/0 Aug01,2022

Report No.: FYCR221000040004

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### 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	9.25	-20.75	Pass
		2437	1	9.25	-20.75	Pass
		2462	1	9.25	-20.75	Pass
802.11g	SISO	2412	1	4.34	-25.66	Pass
		2437	1	4.34	-25.66	Pass
		2462	1	4.34	-25.66	Pass
802.11n (HT20)	SISO	2412	1	4.30	-25.70	Pass
		2437	1	4.30	-25.70	Pass
		2462	1	4.30	-25.70	Pass
802.11n (HT40)	SISO	2422	1	-0.34	-30.34	Pass
		2437	1	-0.34	-30.34	Pass
		2452	1	-0.34	-30.34	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.

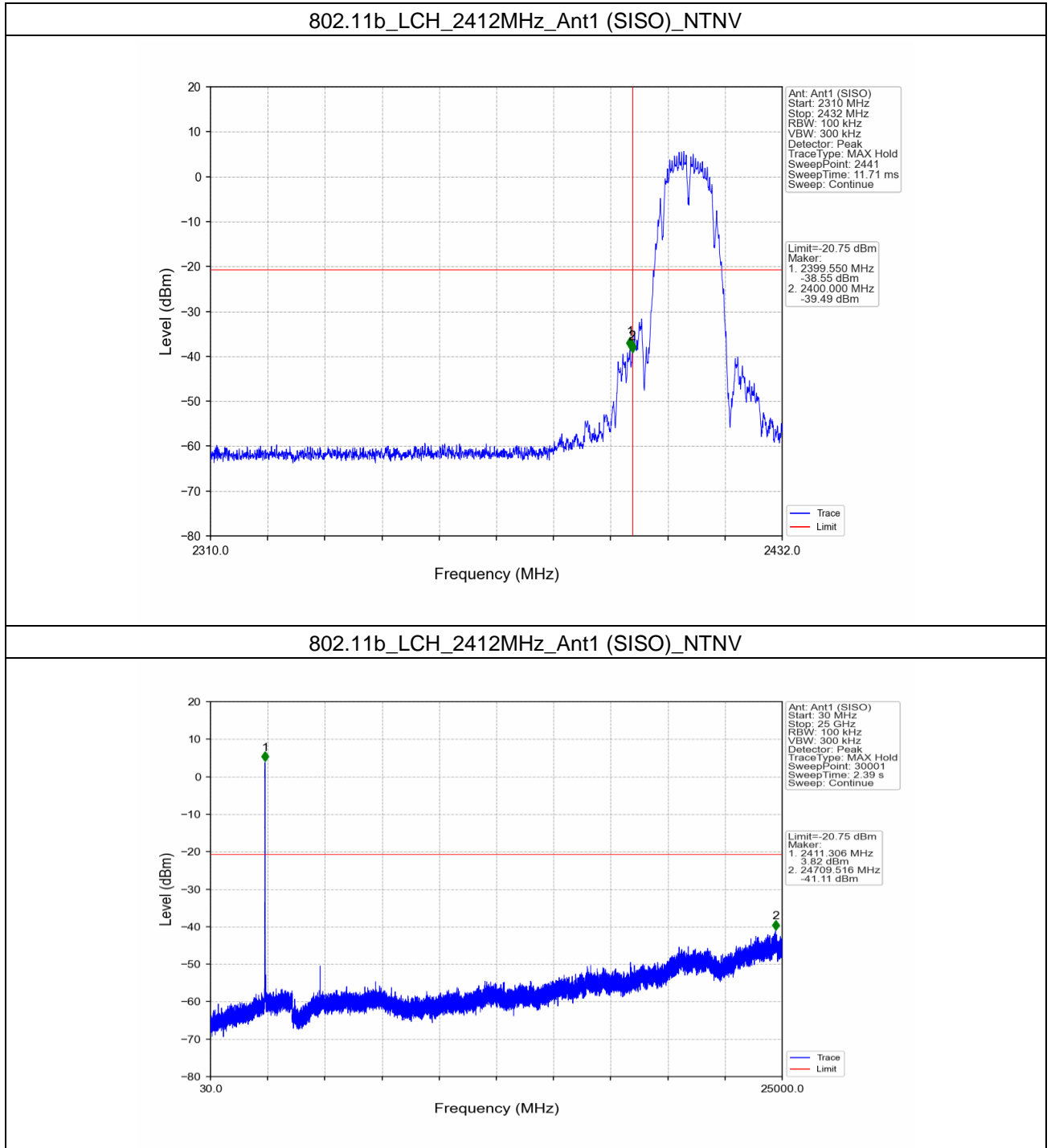


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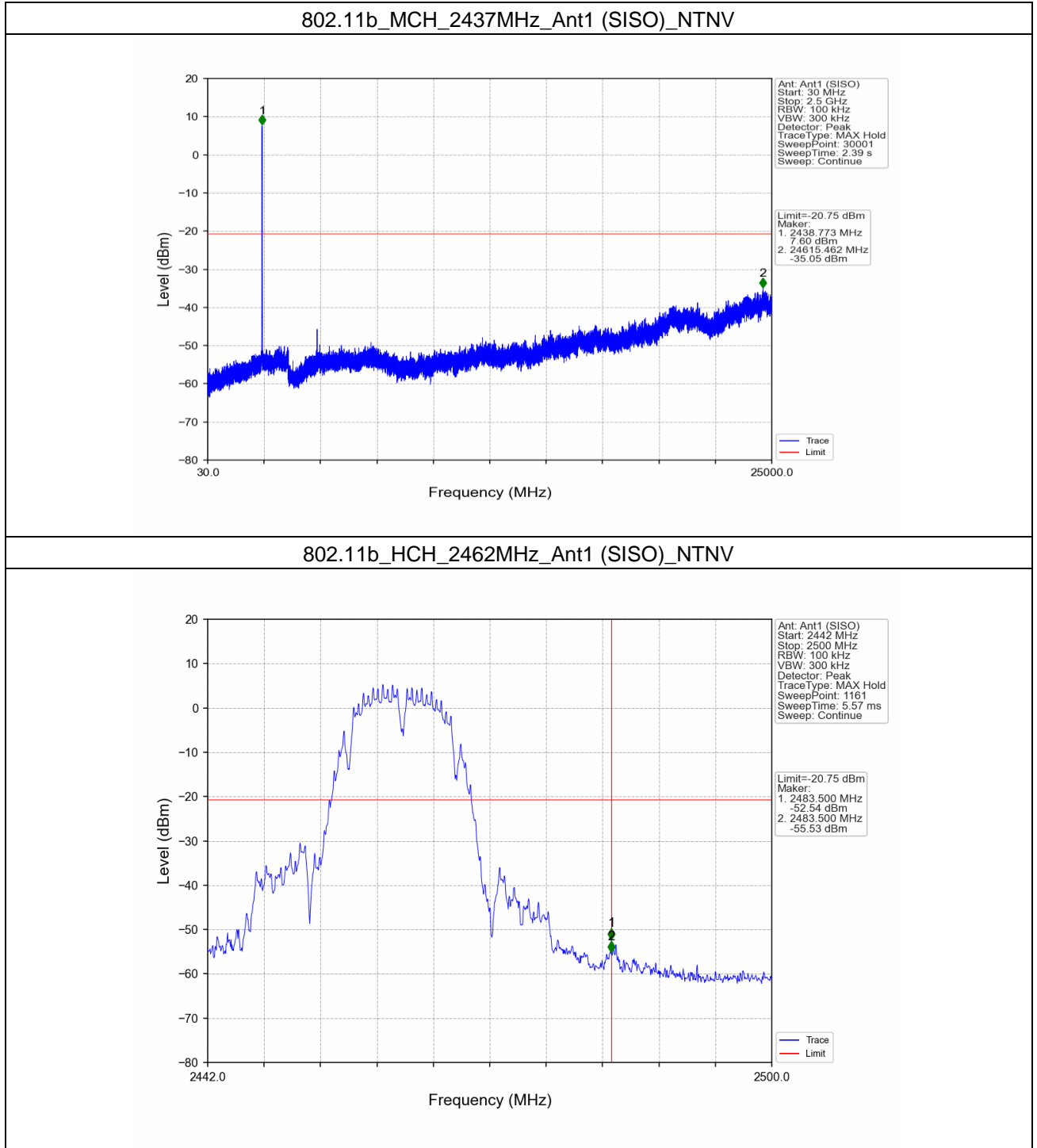
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中国·深圳·宝安区福永街道新田社区凤塘大道50号鑫龙科技工业园A栋105室 邮编: 518103 t (86-755) 26012053 f (86-755) 26710594 sgs.china@sgs.com

### 5.2.2 Test Graph



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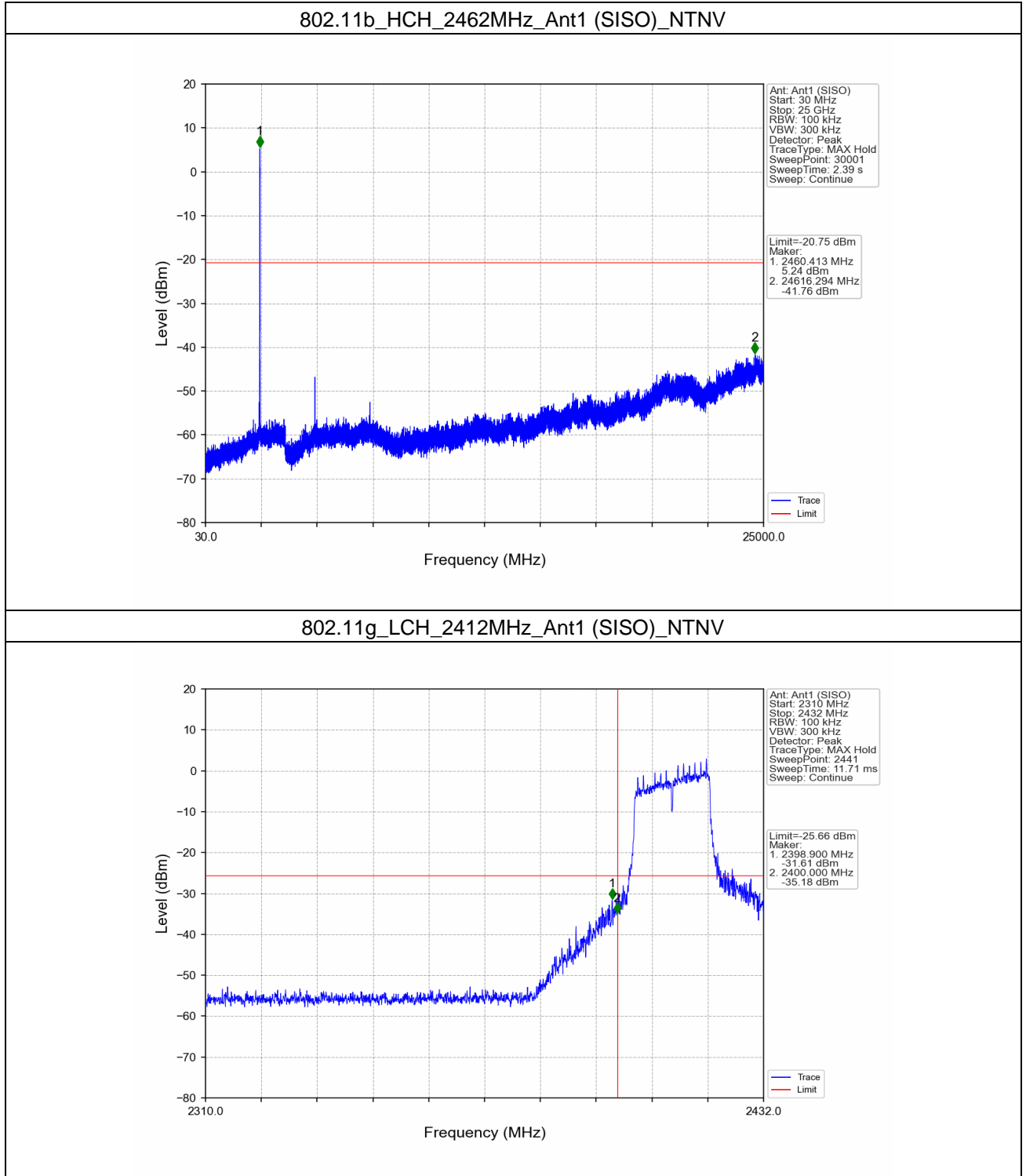


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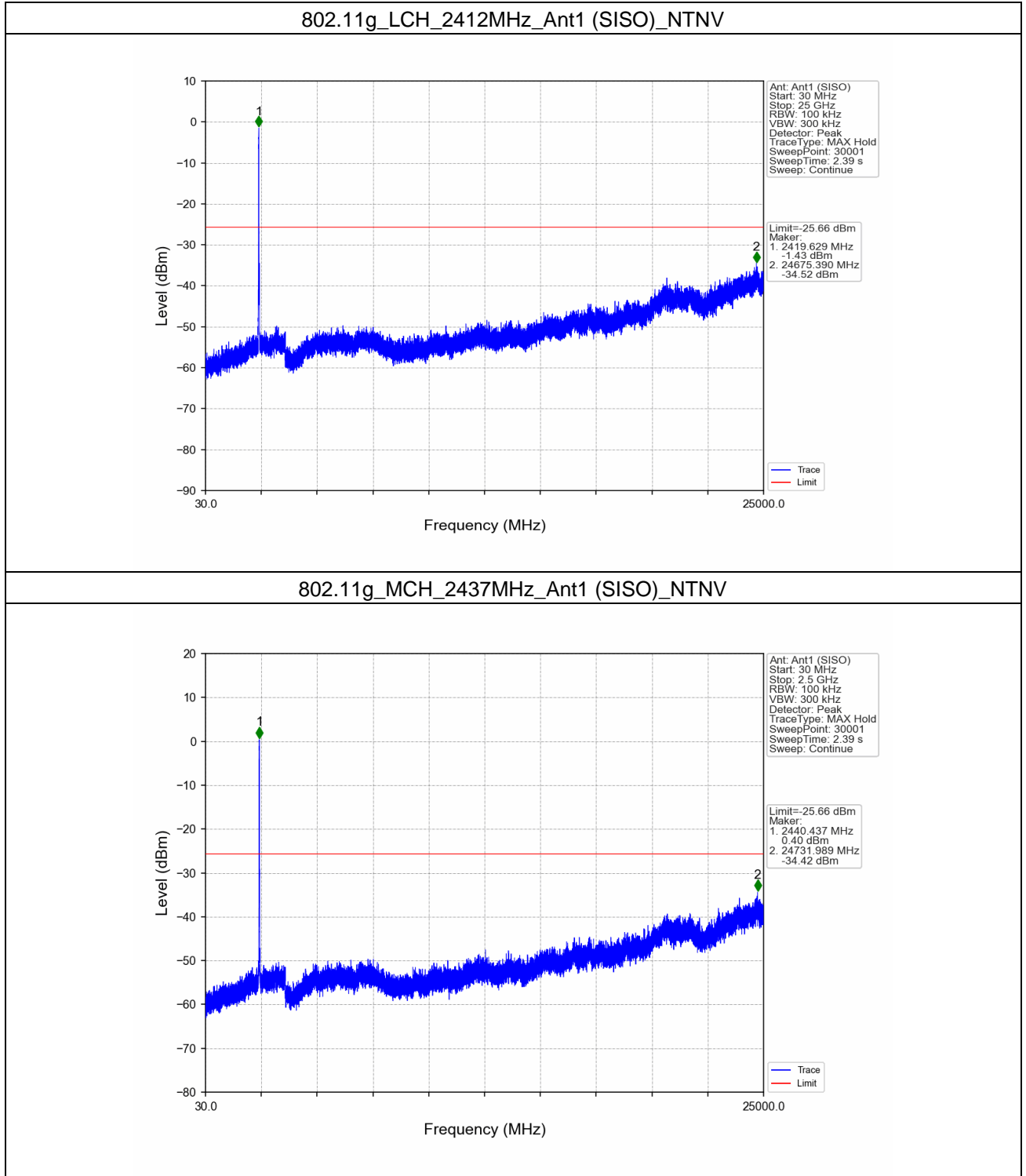
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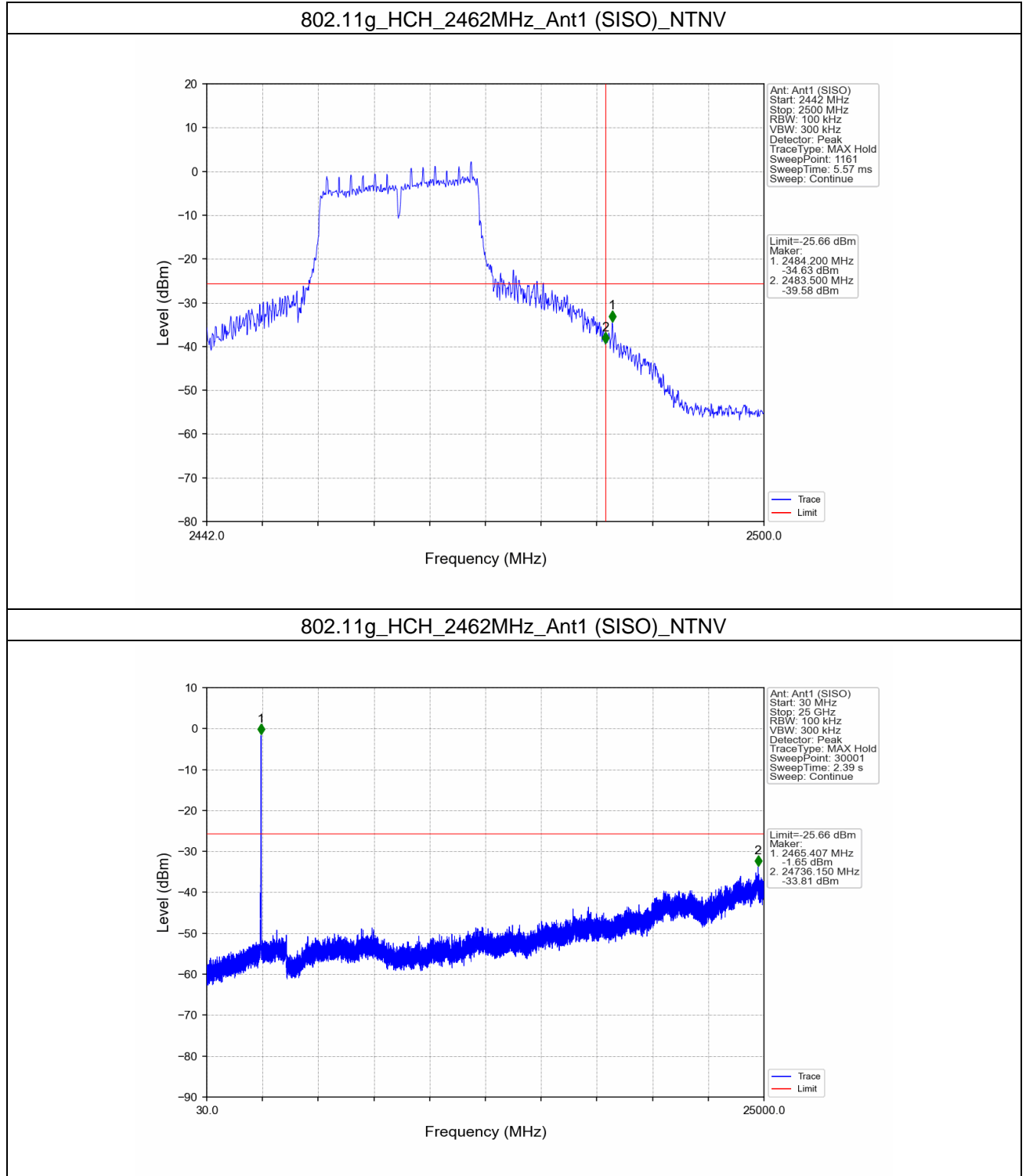
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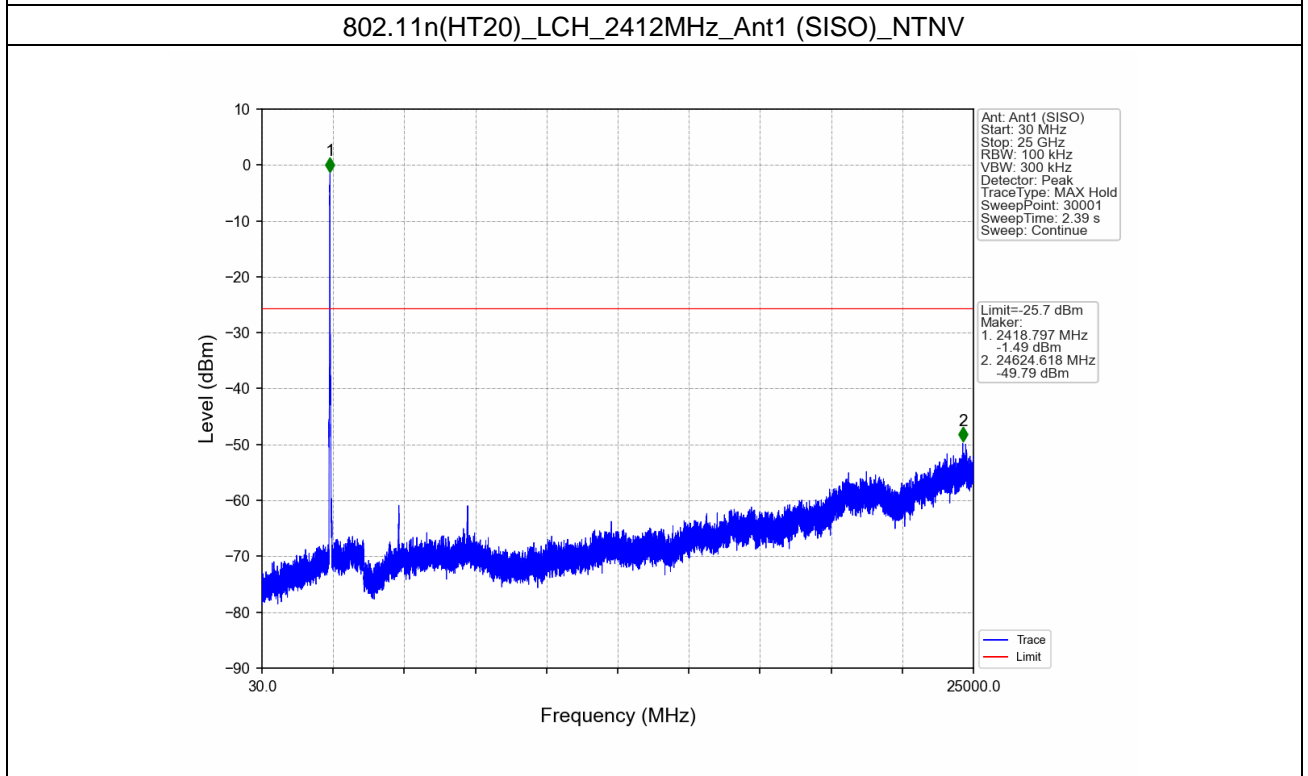
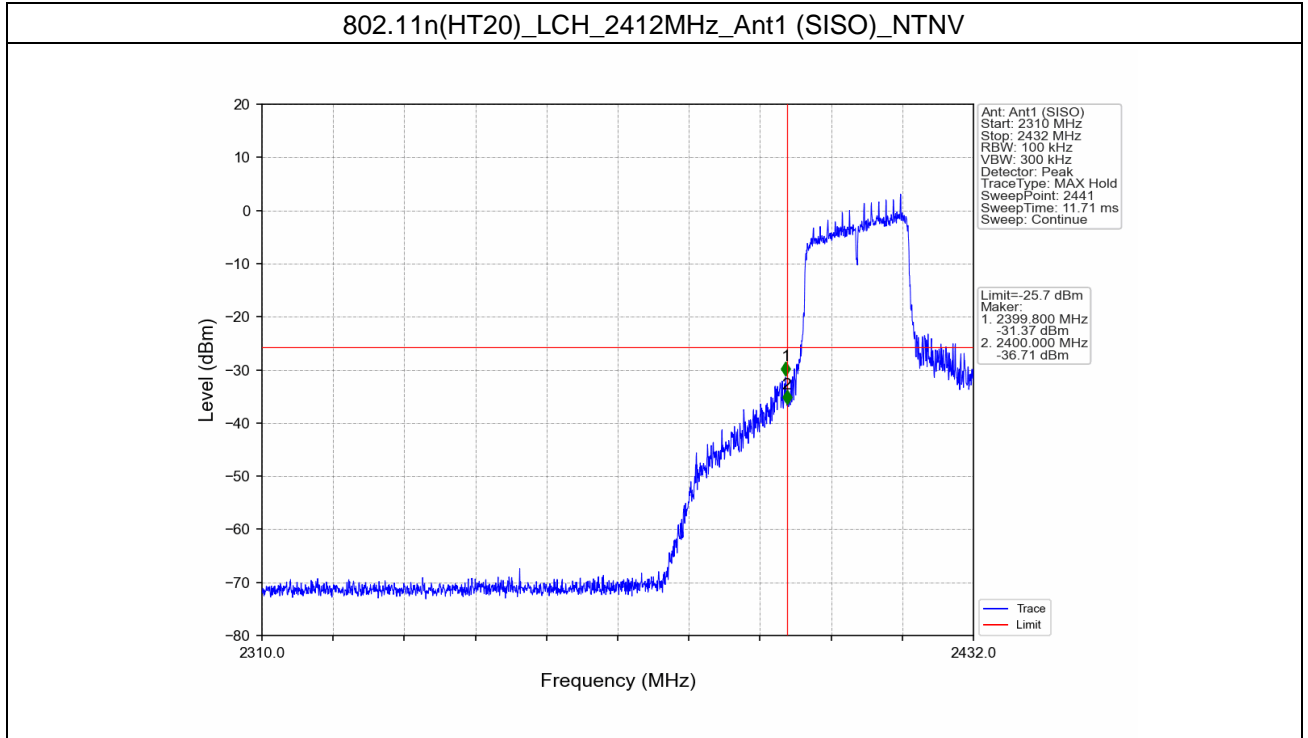




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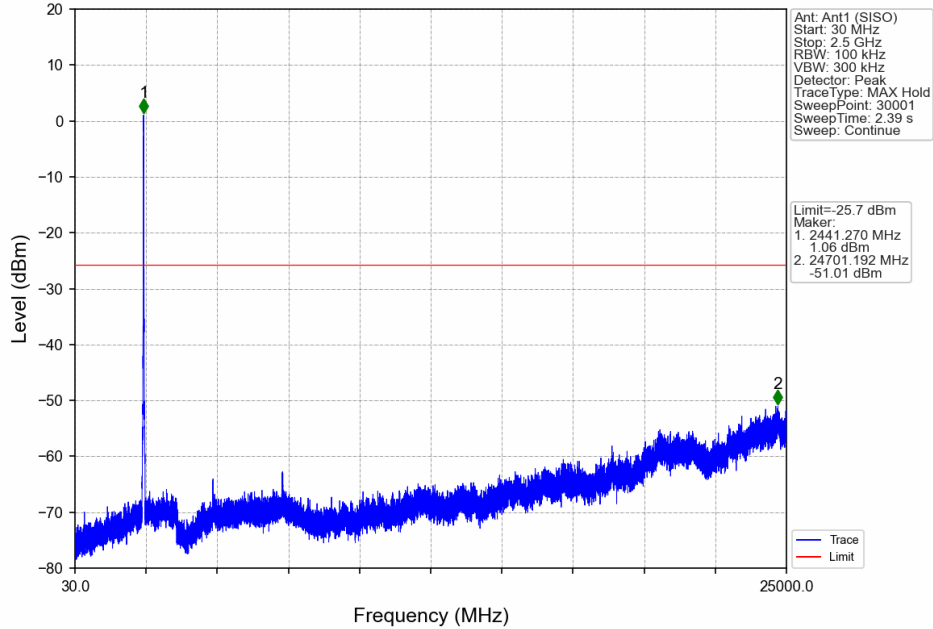


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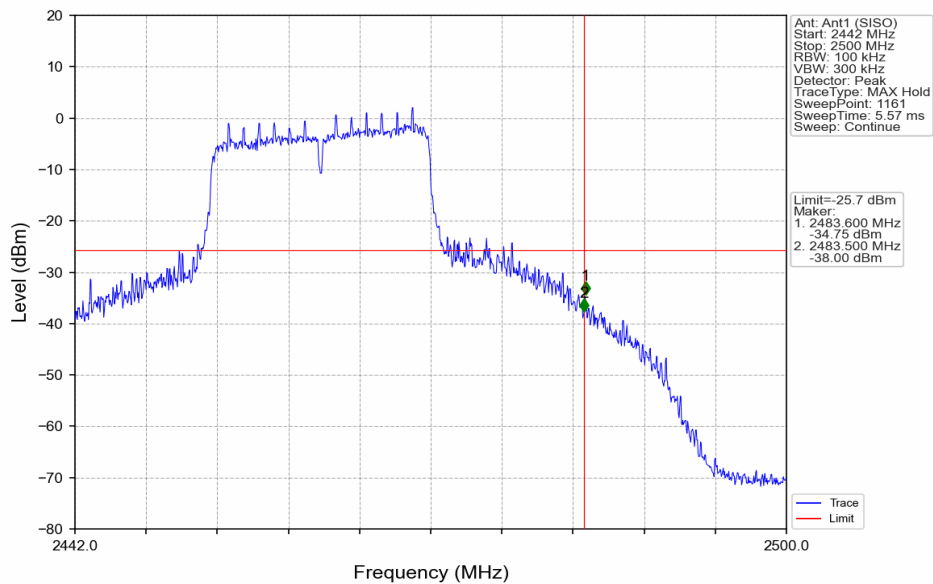
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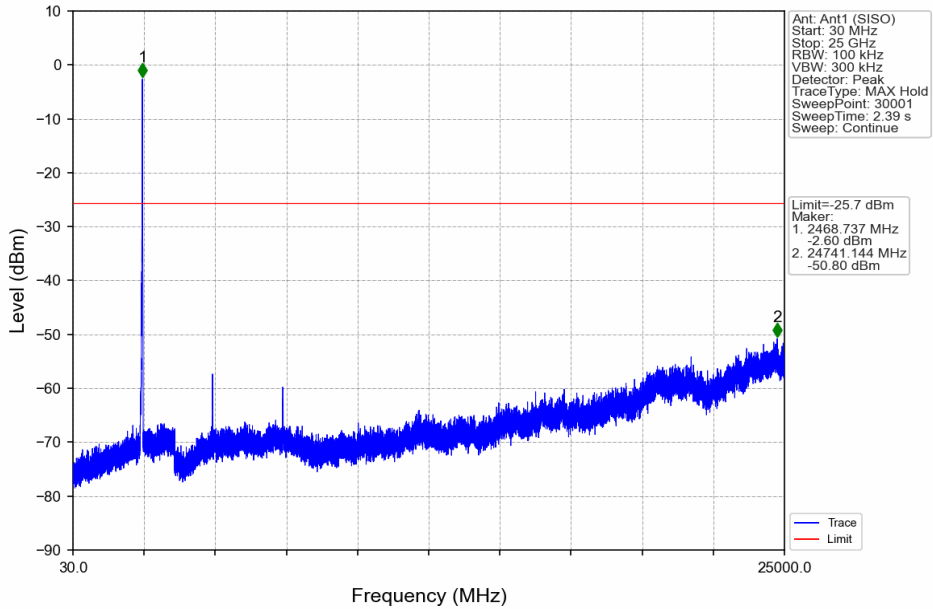
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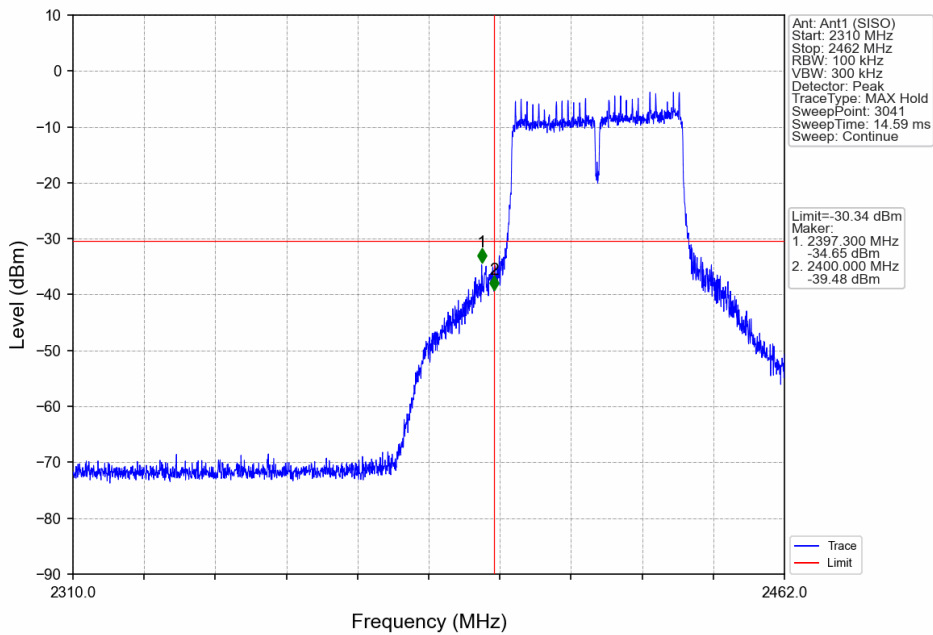
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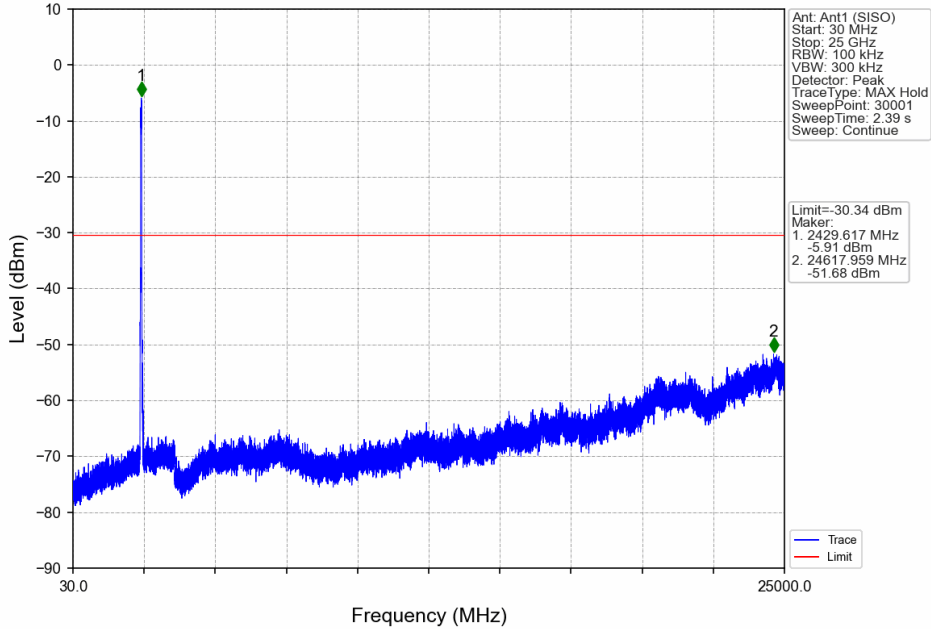
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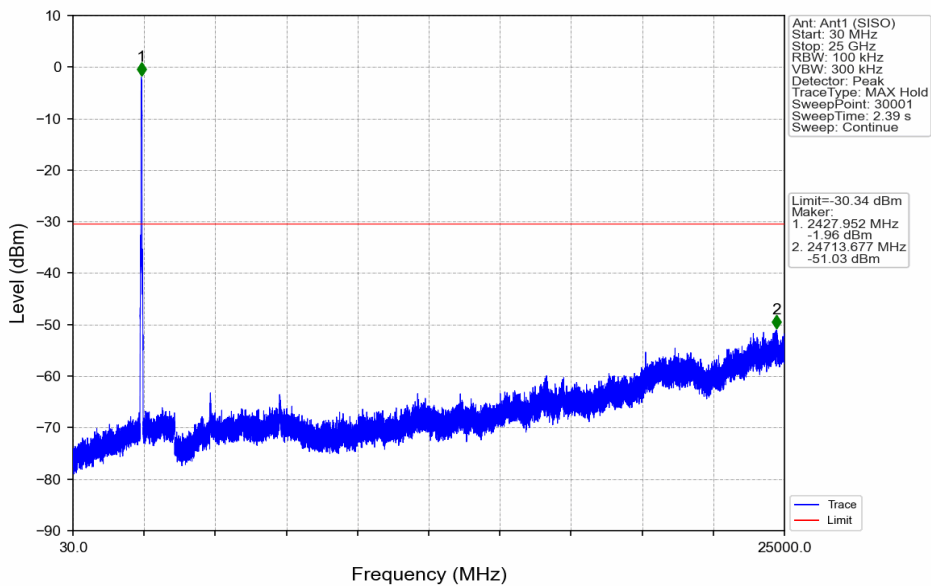
802.11n(HT40)\_LCH\_2422MHz\_Ant1 (SISO)\_NTNV

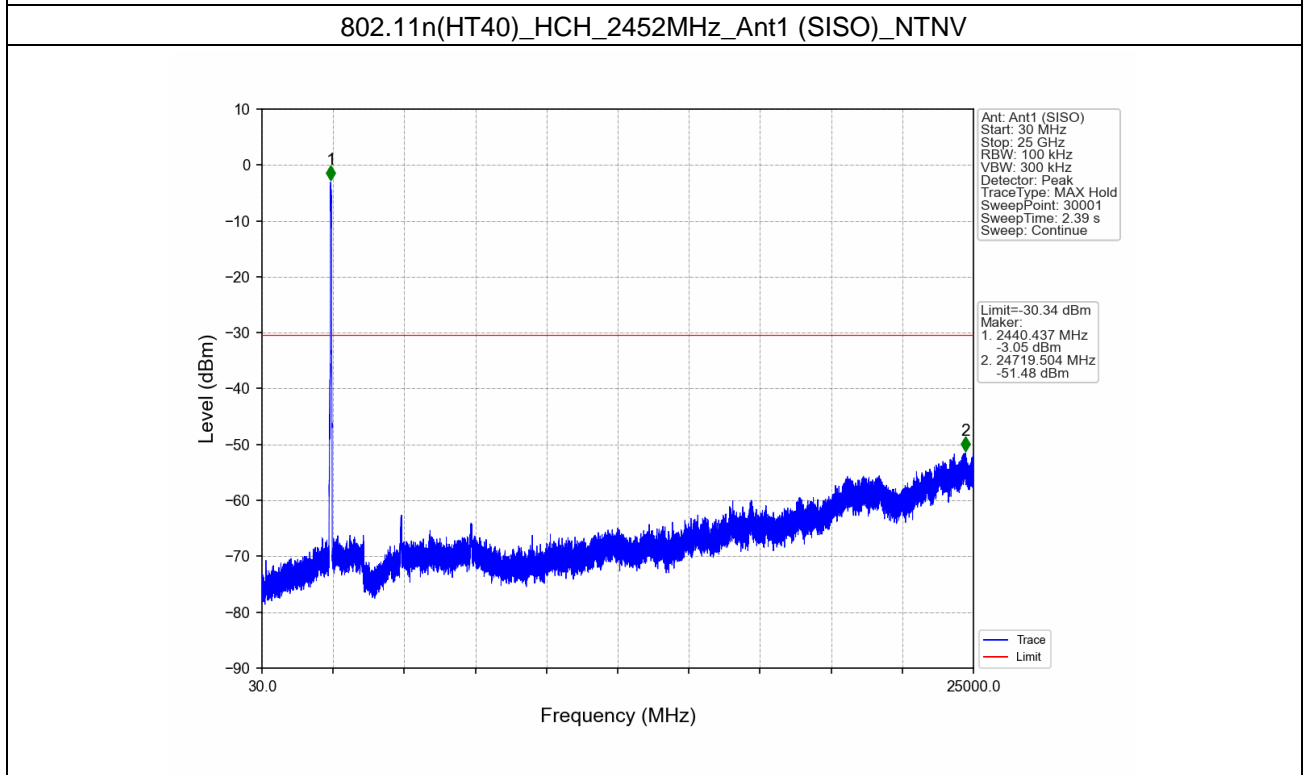
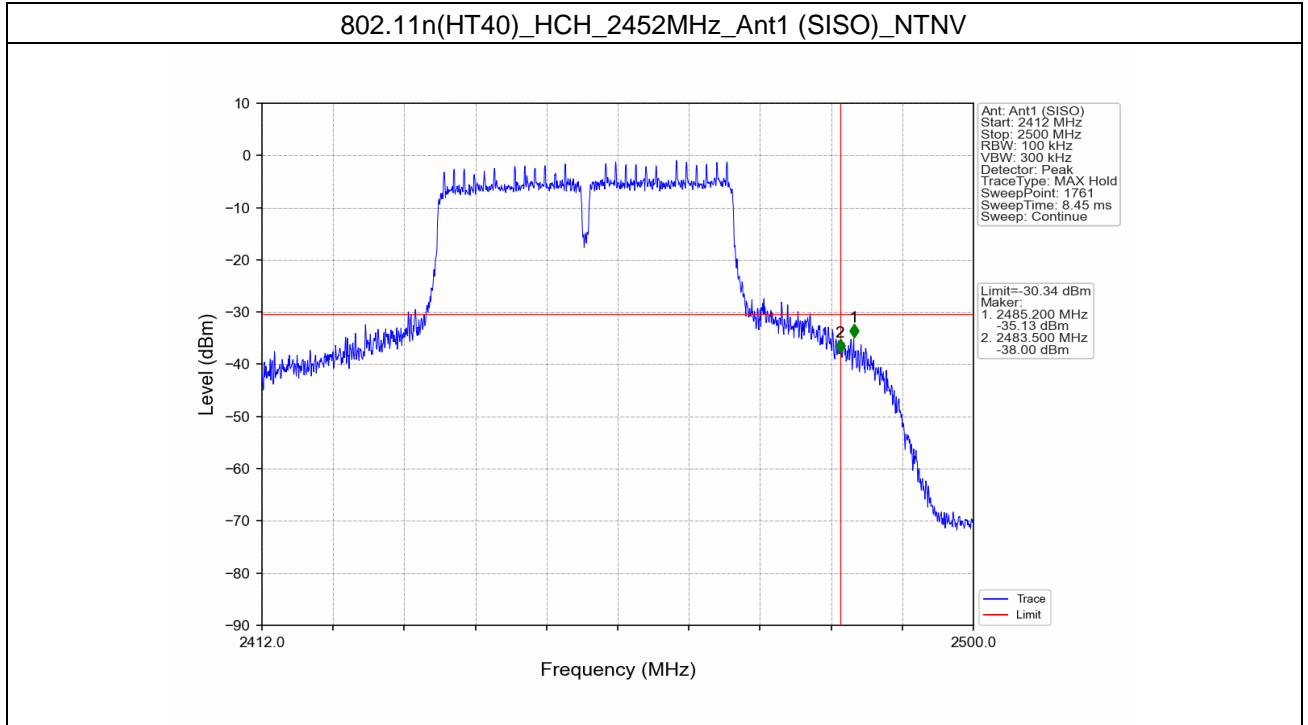


### 802.11n(HT40)\_LCH\_2422MHz\_Ant1 (SISO)\_NTNV



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





- End of the Report -



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