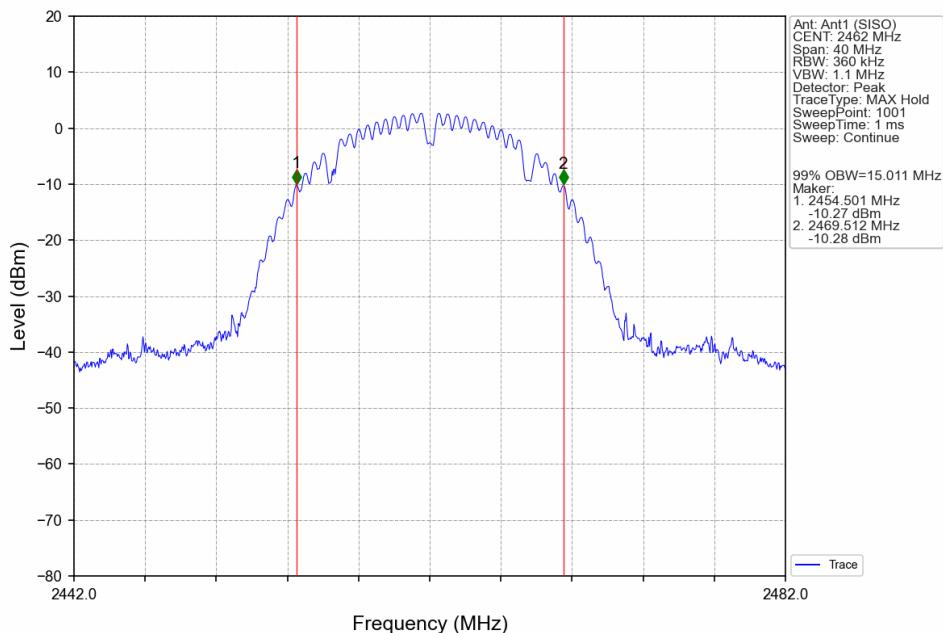
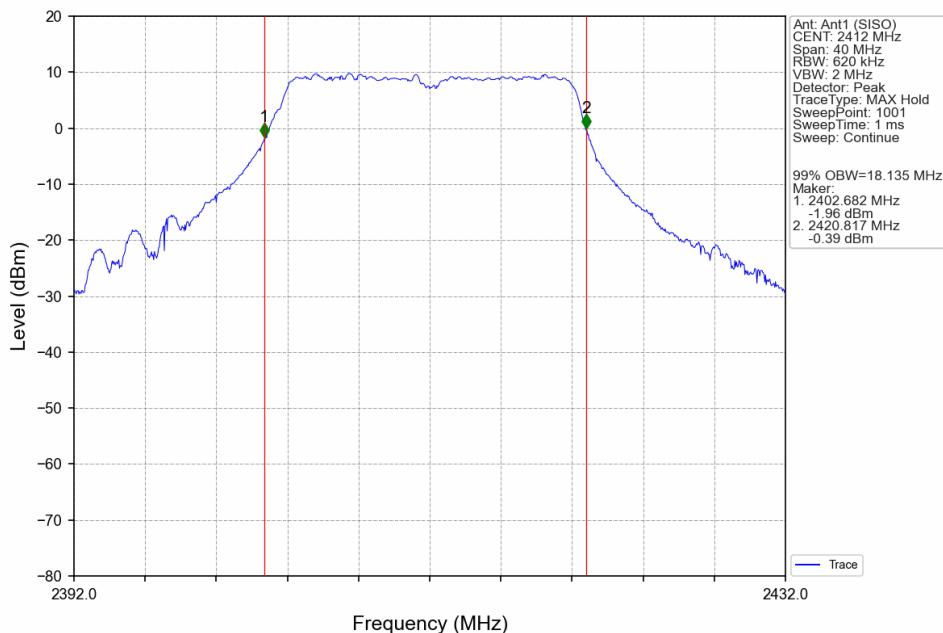


### 802.11b\_HCH\_2462MHz\_Ant1 (SISO)\_NTNV



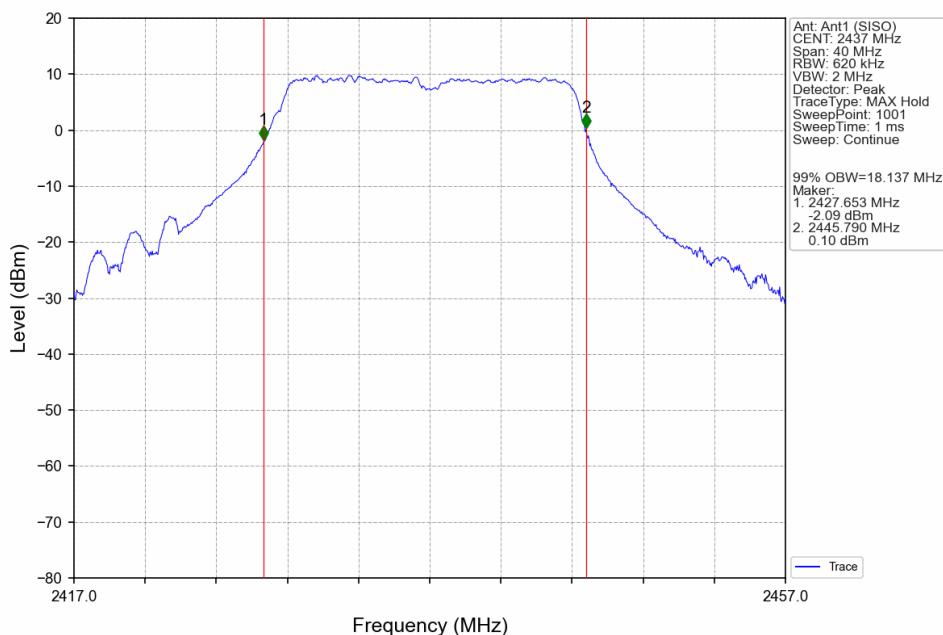
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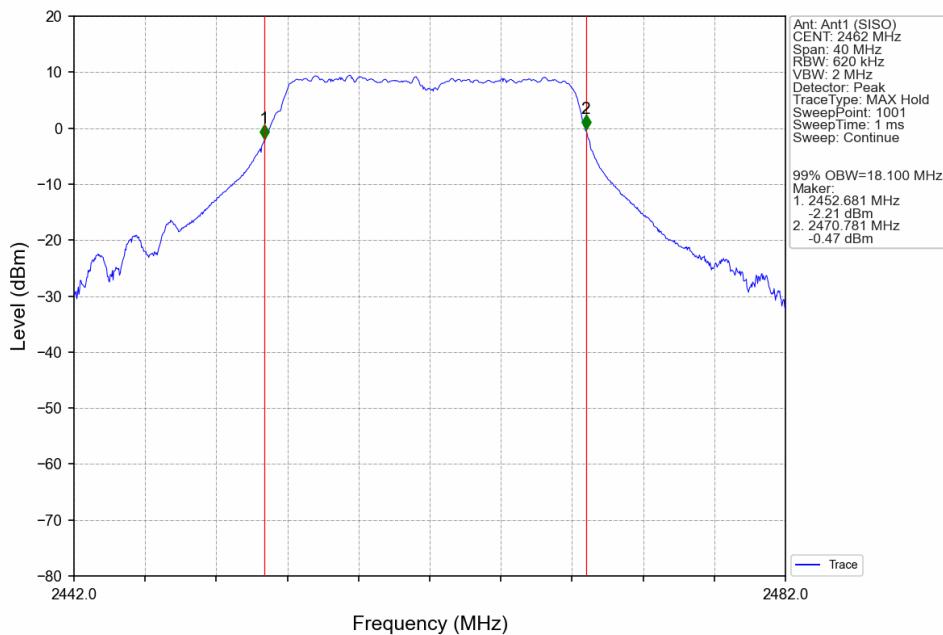
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### 802.11g\_MCH\_2437MHz\_Ant1 (SISO)\_NTNV



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

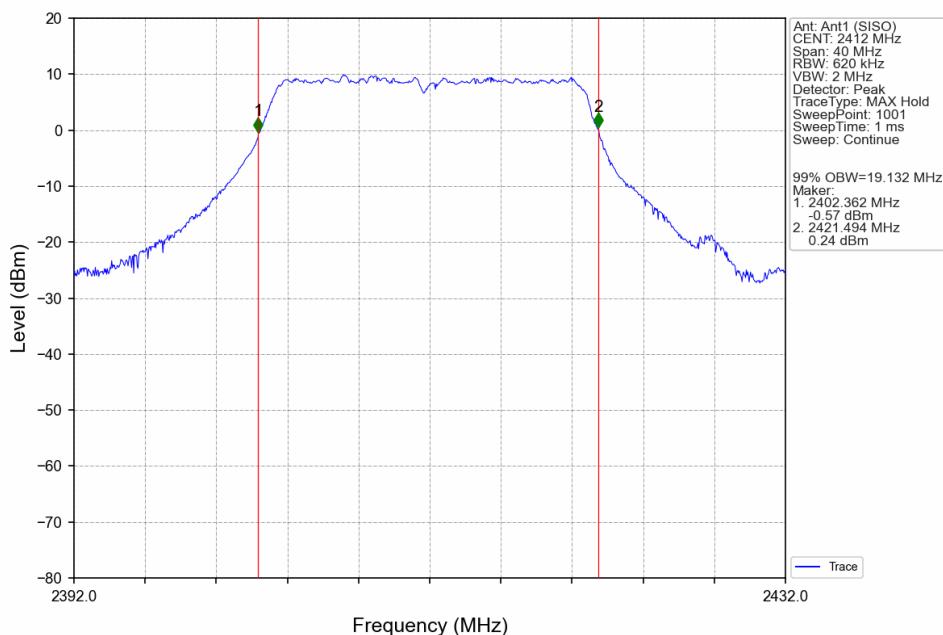
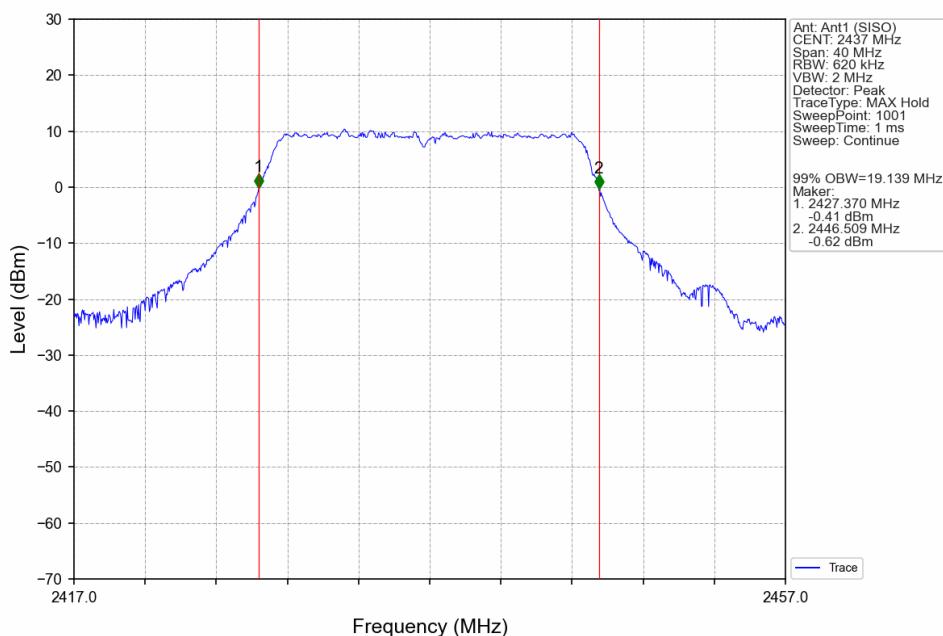


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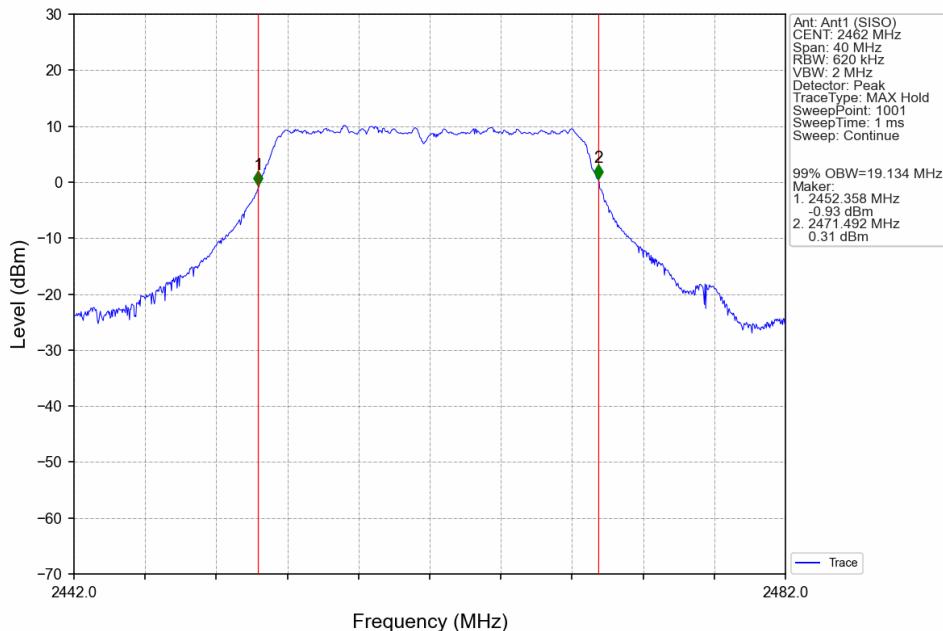
**802.11n(HT20)\_LCH\_2412MHz\_Ant1 (SISO)\_NTNV****802.11n(HT20)\_MCH\_2437MHz\_Ant1 (SISO)\_NTNV**

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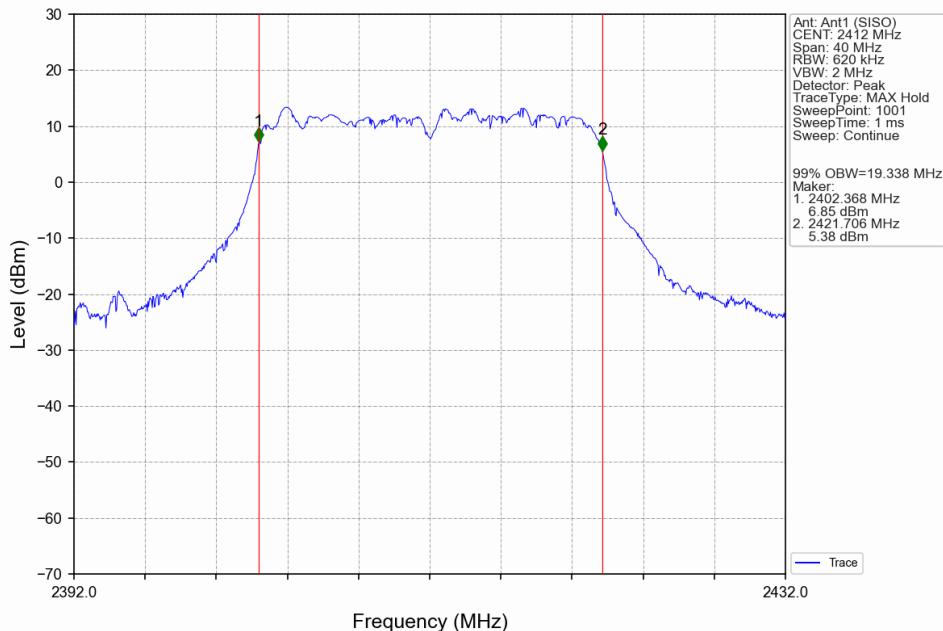
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### 802.11n(HT20)\_HCH\_2462MHz\_Ant1 (SISO)\_NTNV



### 802.11ax(HEW20)\_LCH\_2412MHz\_RU242\_Left\_Ant1 (SISO)\_NTNV

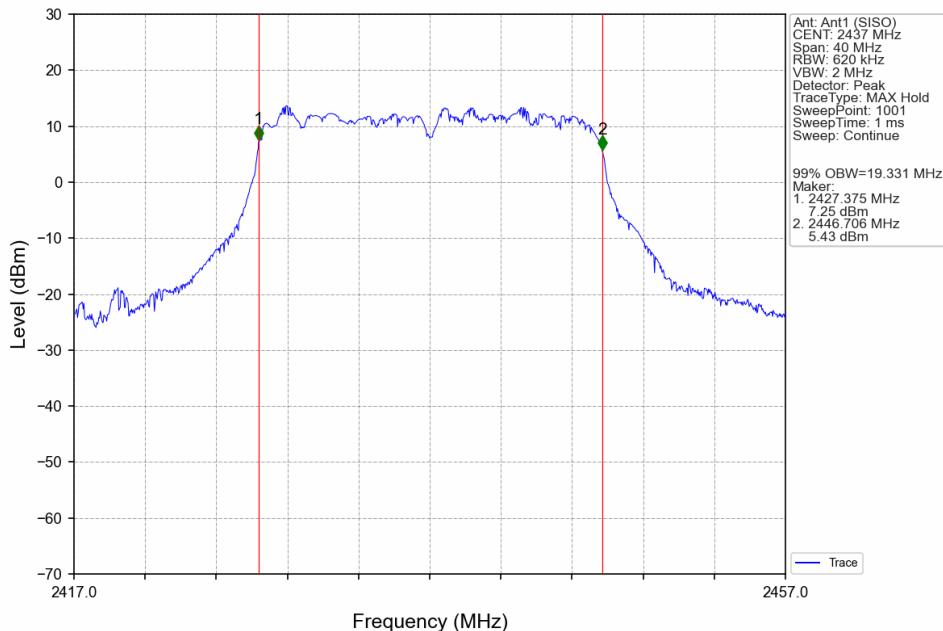
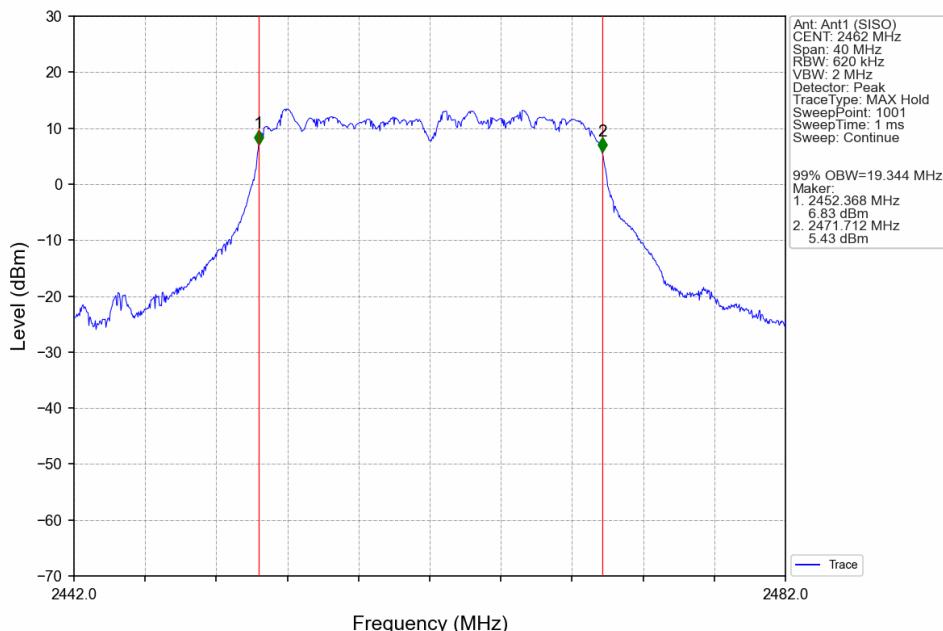


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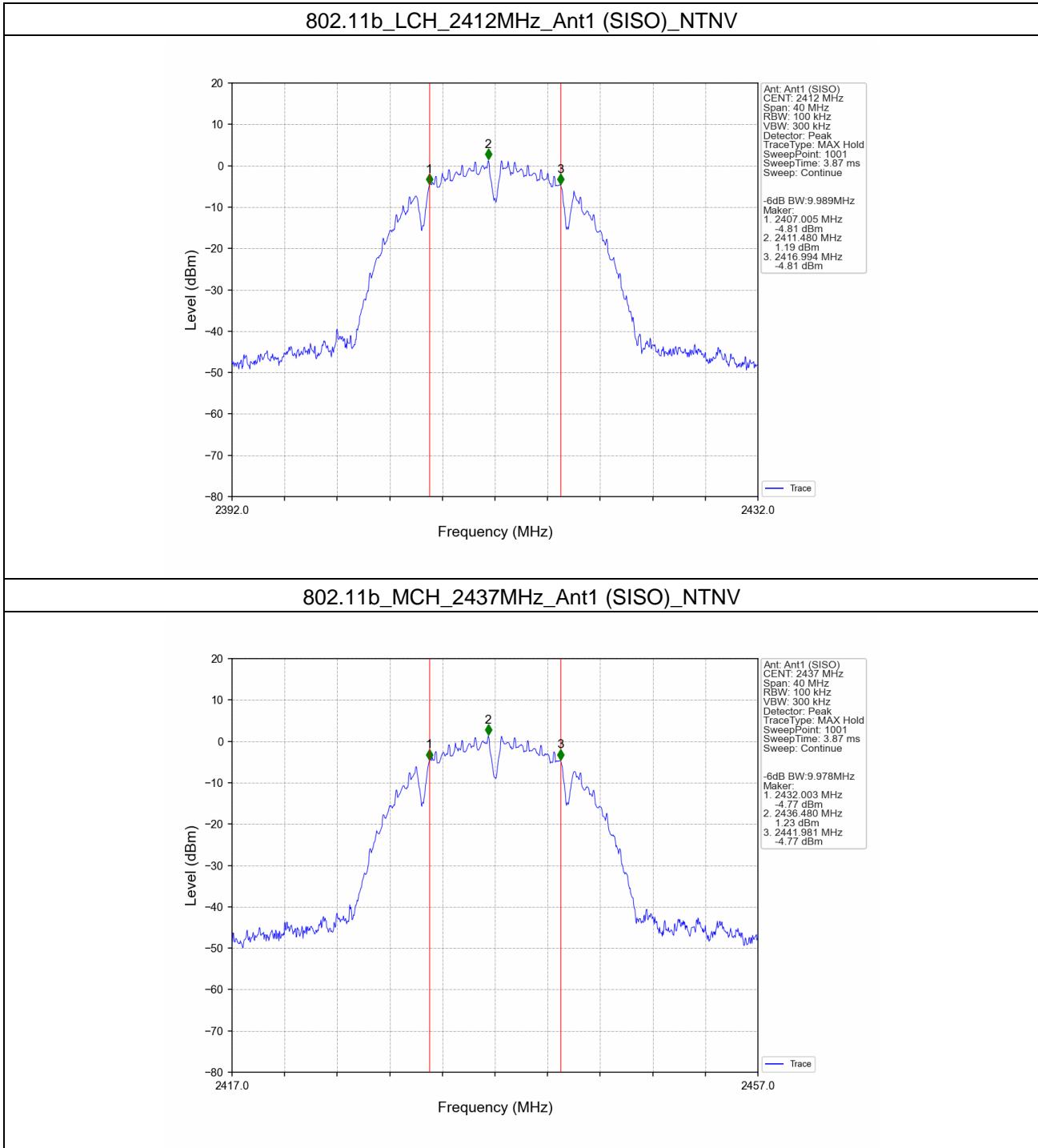


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Shenzhen Branch Inspection & Testing Services Laboratory

**802.11ax(HEW20)\_MCH\_2437MHz\_RU242\_Left\_Ant1 (SISO)\_NTNV****802.11ax(HEW20)\_HCH\_2462MHz\_RU242\_Left\_Ant1 (SISO)\_NTNV**

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**2.2.2 6dB BW**

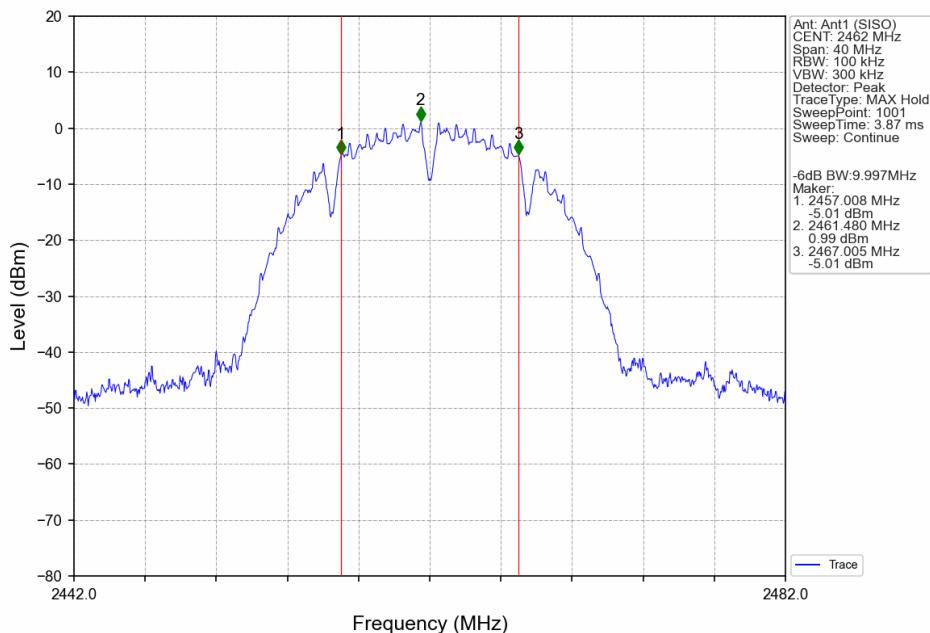
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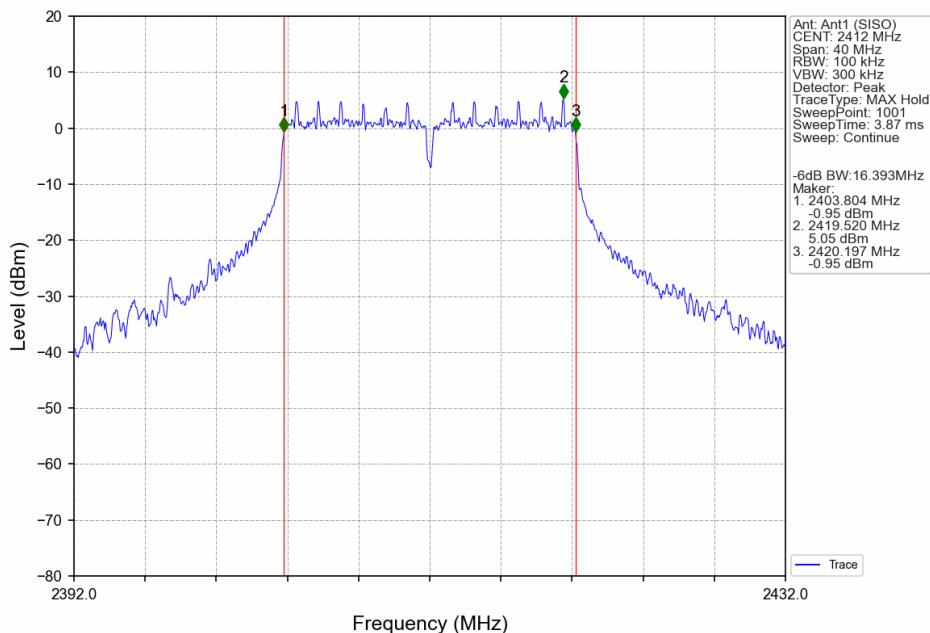


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Shenzhen Branch Inspection & Testing Services Laboratory

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



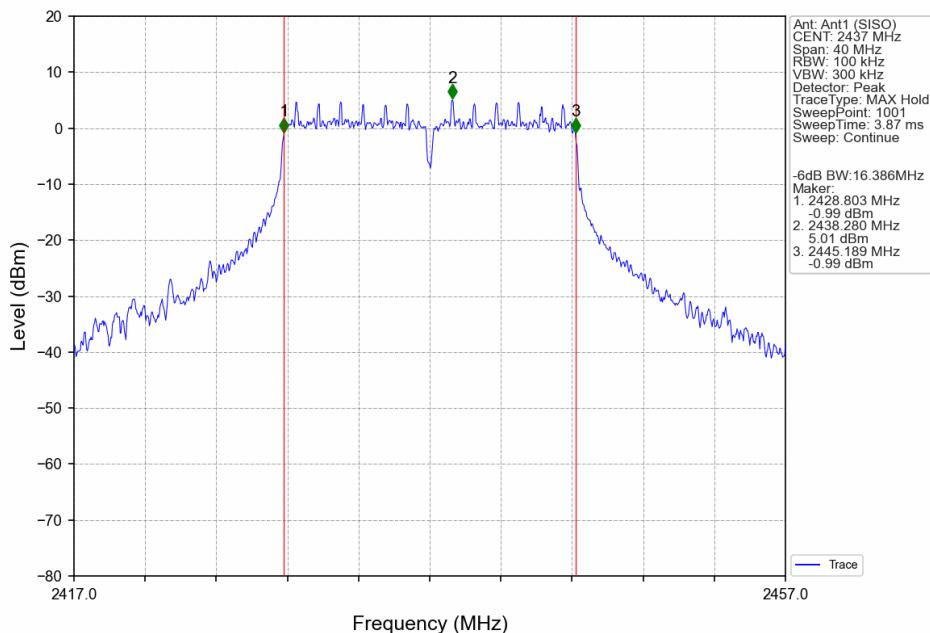
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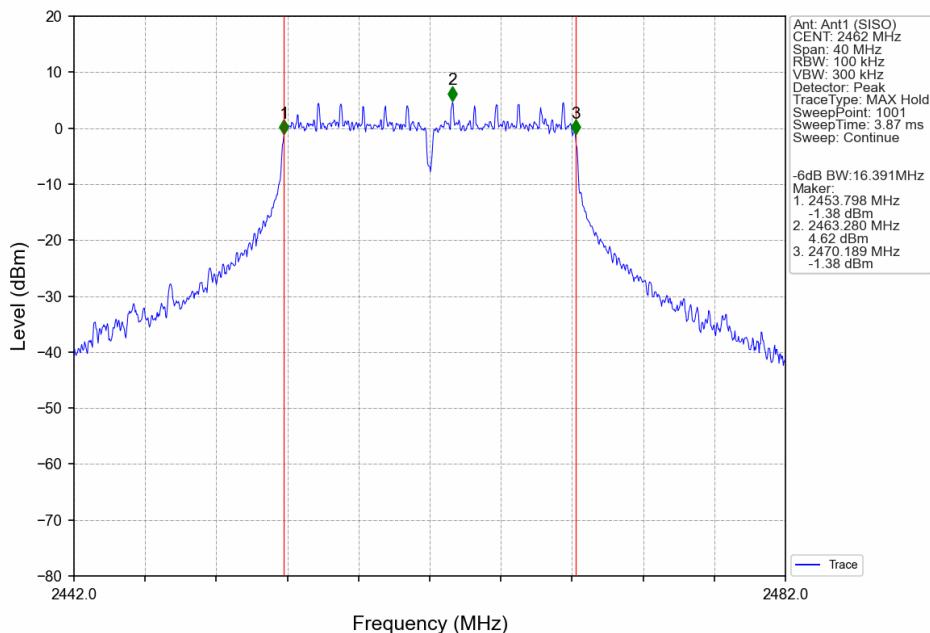
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### 802.11g\_MCH\_2437MHz\_Ant1 (SISO)\_NTNV



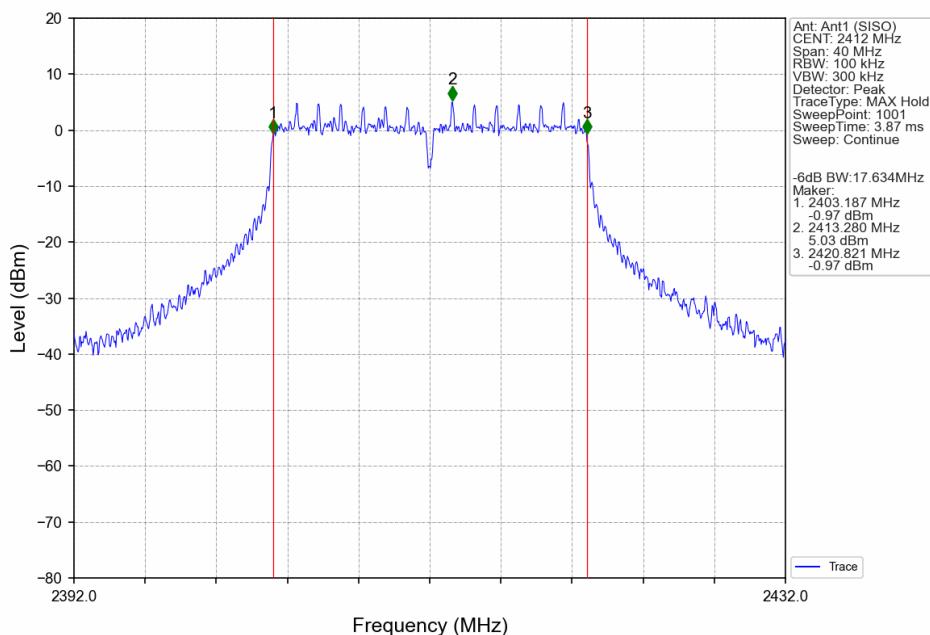
### 802.11g\_HCH\_2462MHz\_Ant1 (SISO)\_NTNV



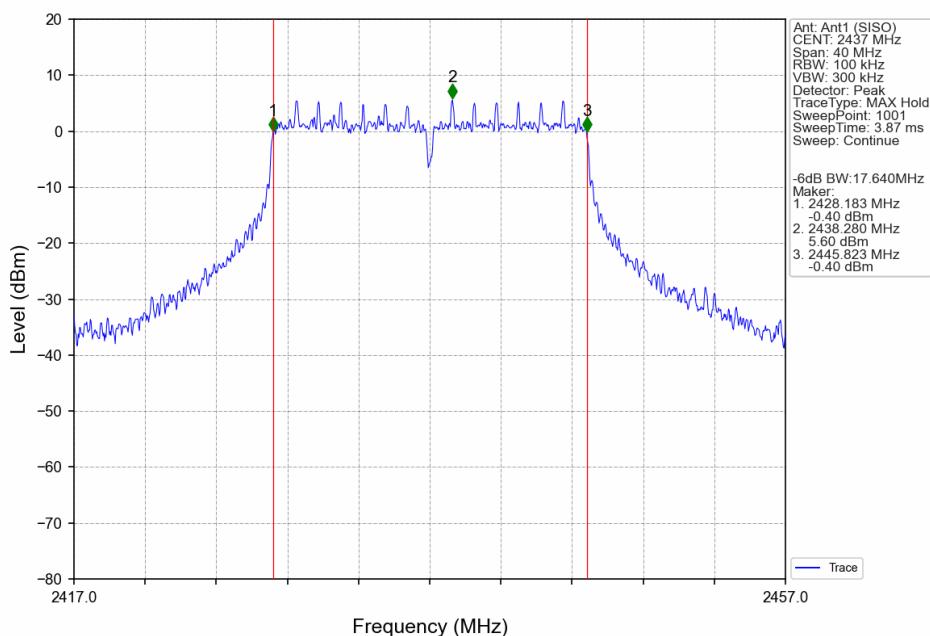
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### 802.11n(HT20)\_LCH\_2412MHz\_Ant1 (SISO)\_NTNV



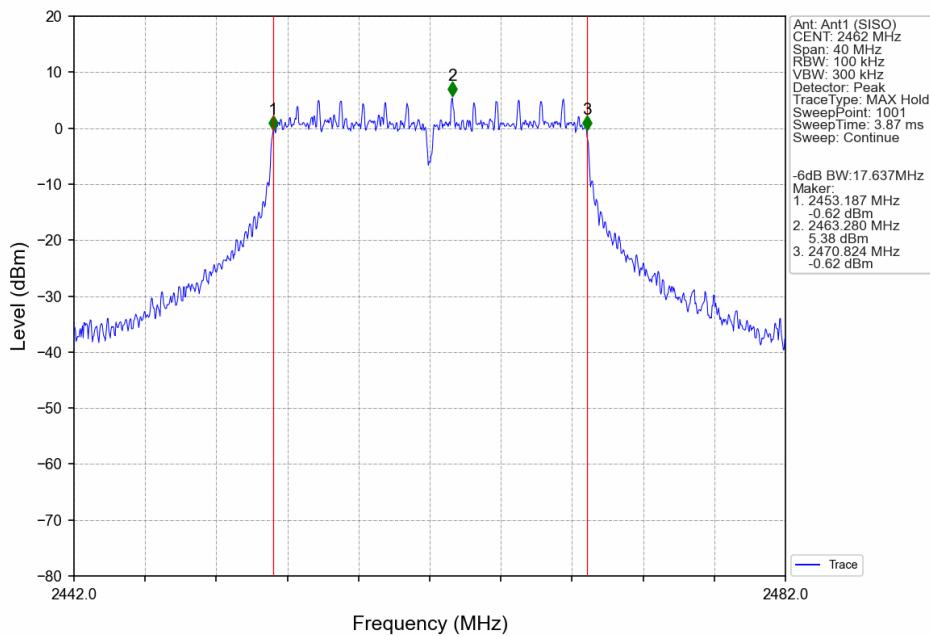
### 802.11n(HT20)\_MCH\_2437MHz\_Ant1 (SISO)\_NTNV



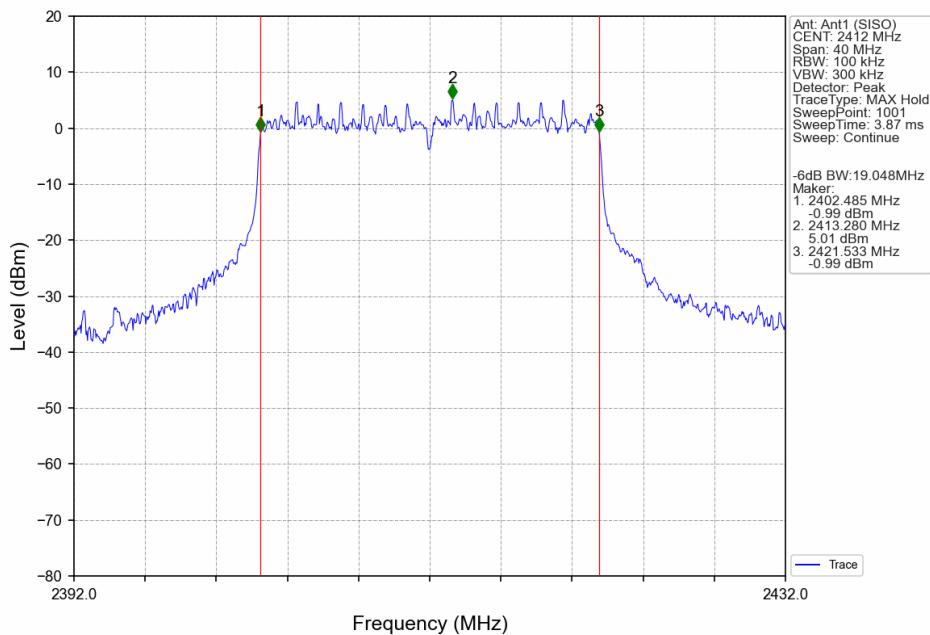
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### 802.11n(HT20)\_HCH\_2462MHz\_Ant1 (SISO)\_NTNV



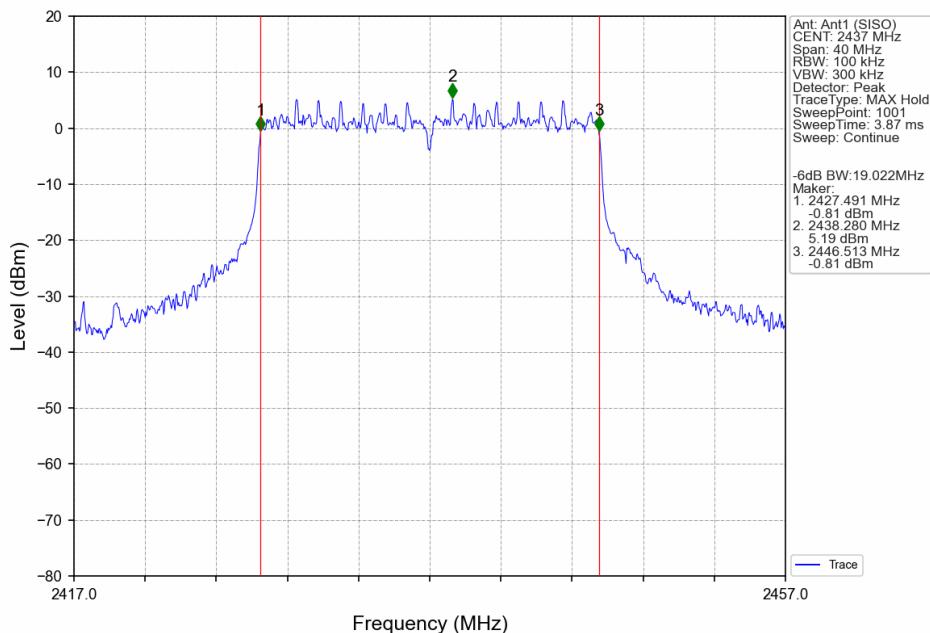
### 802.11ax(HEW20)\_LCH\_2412MHz\_RU242\_Left\_Ant1 (SISO)\_NTNV



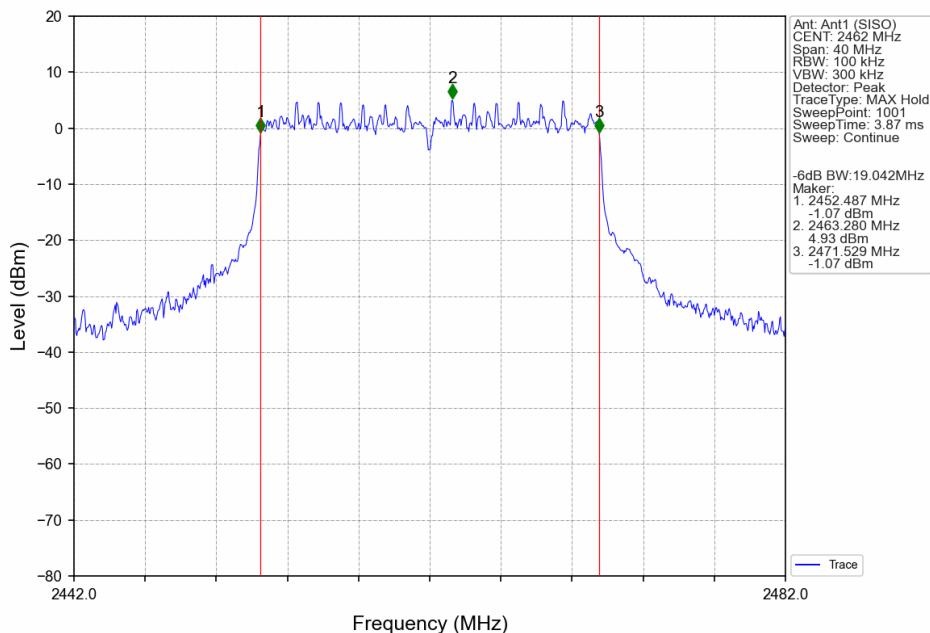
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### 802.11ax(HEW20)\_MCH\_2437MHz\_RU242\_Left\_Ant1 (SISO)\_NTNV



### 802.11ax(HEW20)\_HCH\_2462MHz\_RU242\_Left\_Ant1 (SISO)\_NTNV



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### 3. Maximum Conducted Output Power

#### 3.1 Test Result

##### 3.1.1 Power

Mode	TX Type	Frequency (MHz)	RU	RU Pos	Maximum Average Conducted Output Power (dBm)		Verdict
					ANT1	Limit	
802.11b	SISO	2412	/	/	19.23	<=30	Pass
		2437	/	/	19.46	<=30	Pass
		2462	/	/	18.72	<=30	Pass
802.11g	SISO	2412	/	/	17.00	<=30	Pass
		2437	/	/	17.01	<=30	Pass
		2462	/	/	16.67	<=30	Pass
802.11n (HT20)	SISO	2412	/	/	16.95	<=30	Pass
		2437	/	/	16.99	<=30	Pass
		2462	/	/	16.68	<=30	Pass
802.11ax (HEW20)	SISO	2412	RU242	Left	15.47	<=30	Pass
		2437	RU242	Left	16.00	<=30	Pass
		2462	RU242	Left	15.67	<=30	Pass

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## 4. Maximum Power Spectral Density

### 4.1 Test Result

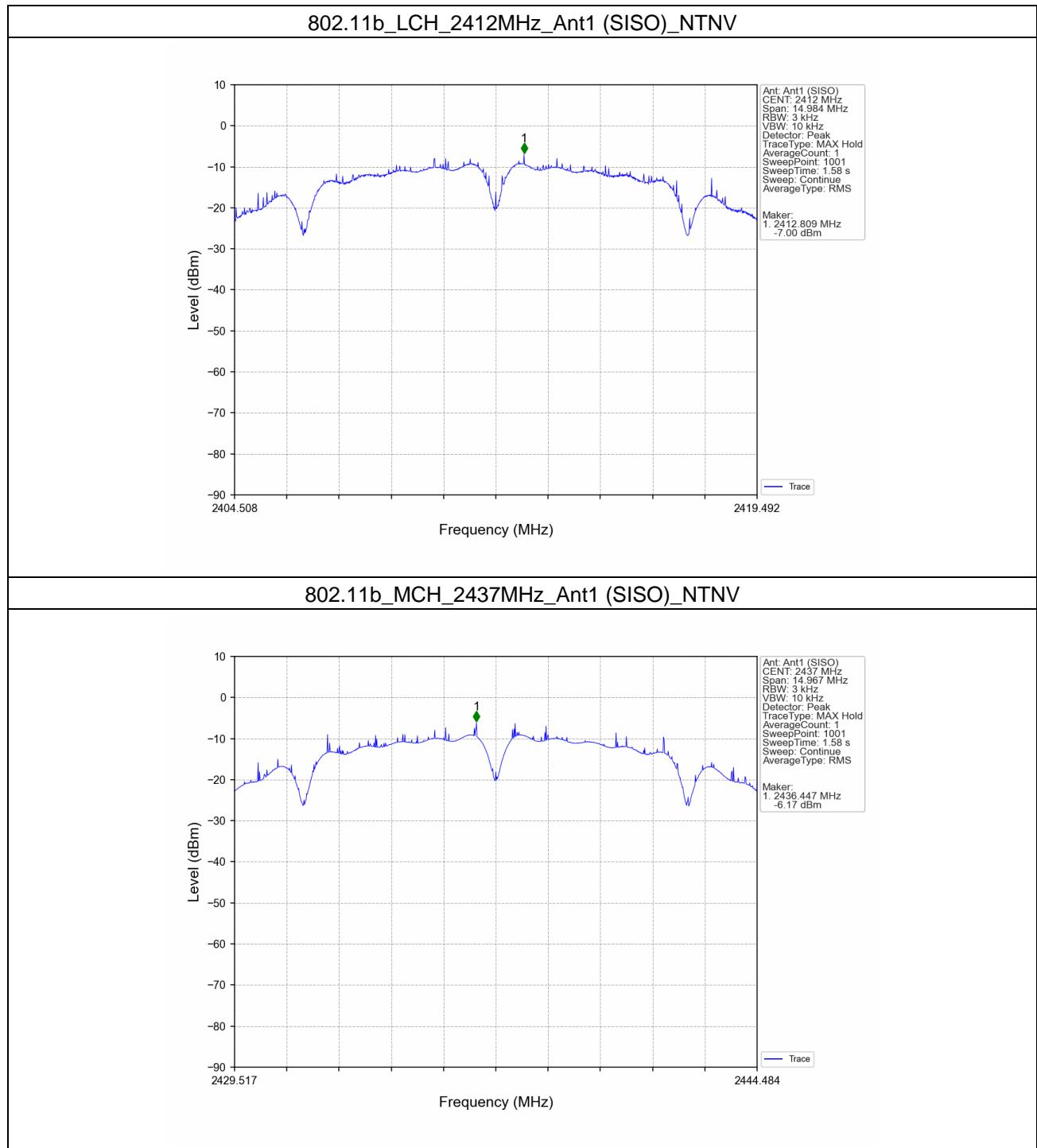
#### 4.1.1 PSD

Mode	TX Type	Frequency (MHz)	RU	RU Pos	Maximum PSD (dBm/3kHz)		Verdict
					ANT1	Limit	
802.11b	SISO	2412	/	/	-7.00	<=8	Pass
		2437	/	/	-6.17	<=8	Pass
		2462	/	/	-7.42	<=8	Pass
802.11g	SISO	2412	/	/	-9.18	<=8	Pass
		2437	/	/	-9.69	<=8	Pass
		2462	/	/	-10.29	<=8	Pass
802.11n (HT20)	SISO	2412	/	/	-10.53	<=8	Pass
		2437	/	/	-9.87	<=8	Pass
		2462	/	/	-9.99	<=8	Pass
802.11ax (HEW20)	SISO	2412	RU242	Left	-10.90	<=8	Pass
		2437	RU242	Left	-11.37	<=8	Pass
		2462	RU242	Left	-10.91	<=8	Pass



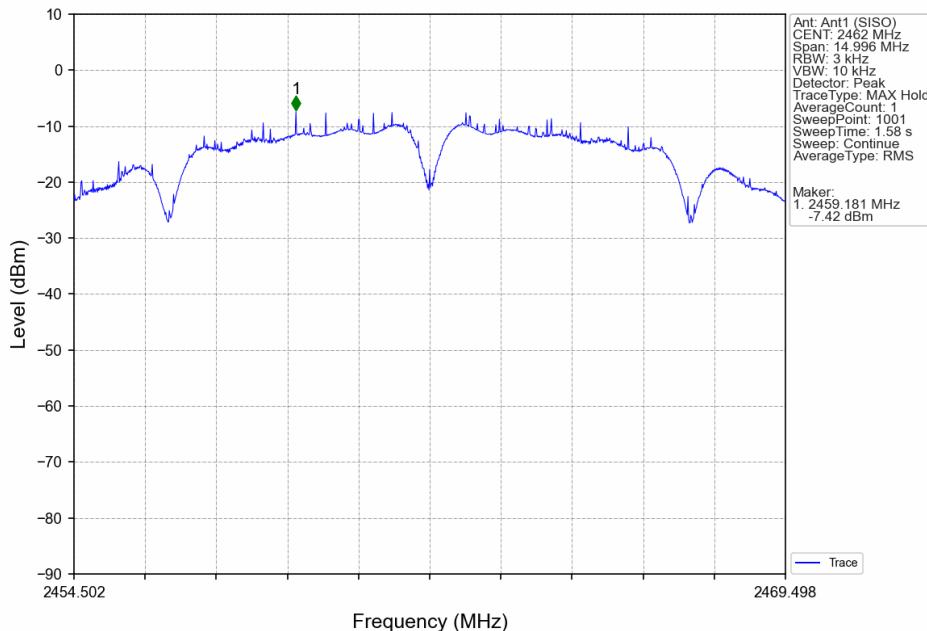
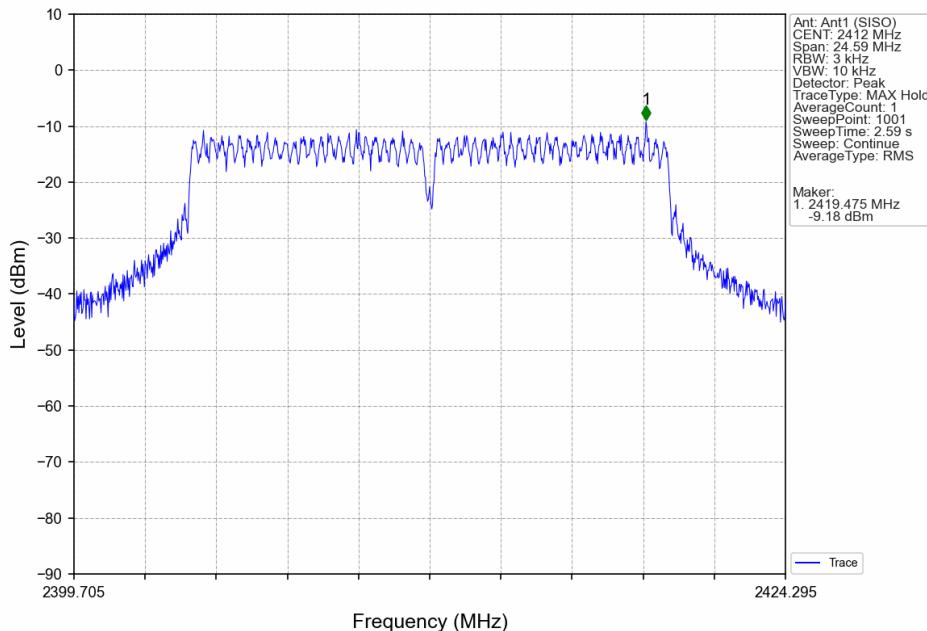
## 4.2 Test Graph

### 4.2.1 PSD



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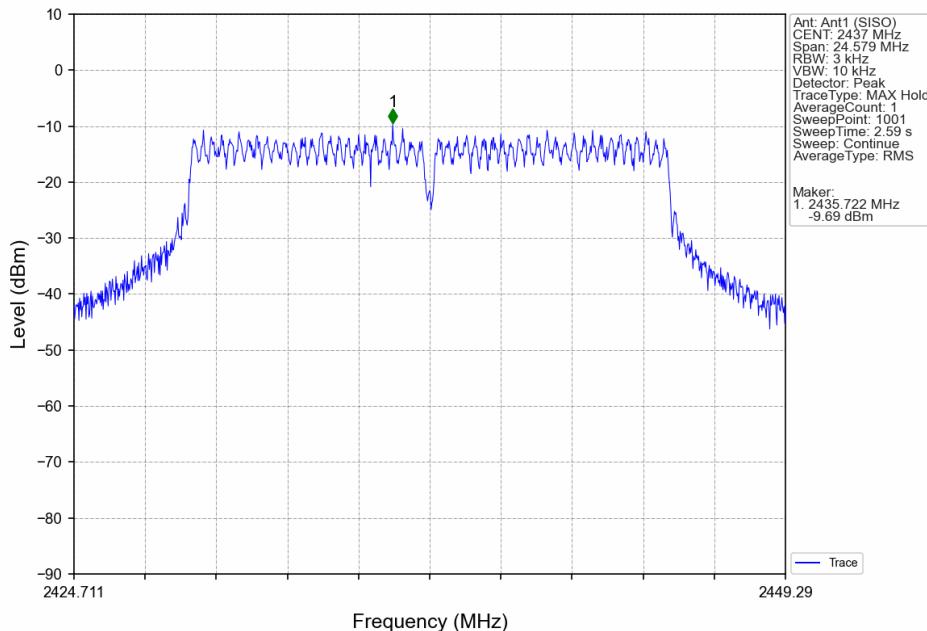
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**802.11b\_HCH\_2462MHz\_Ant1 (SISO)\_NTNV****802.11g\_LCH\_2412MHz\_Ant1 (SISO)\_NTNV**

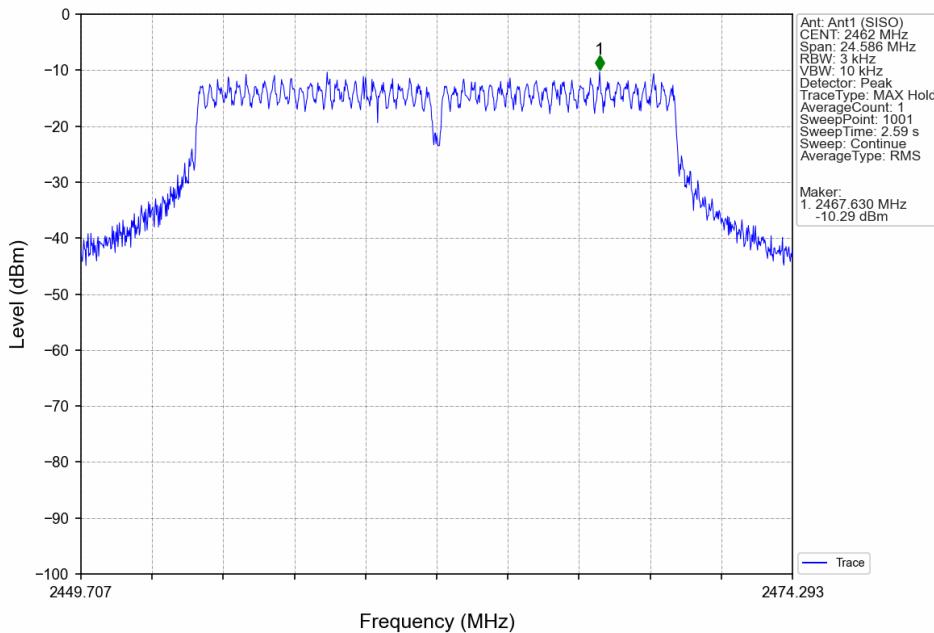
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### 802.11g\_MCH\_2437MHz\_Ant1 (SISO)\_NTNV

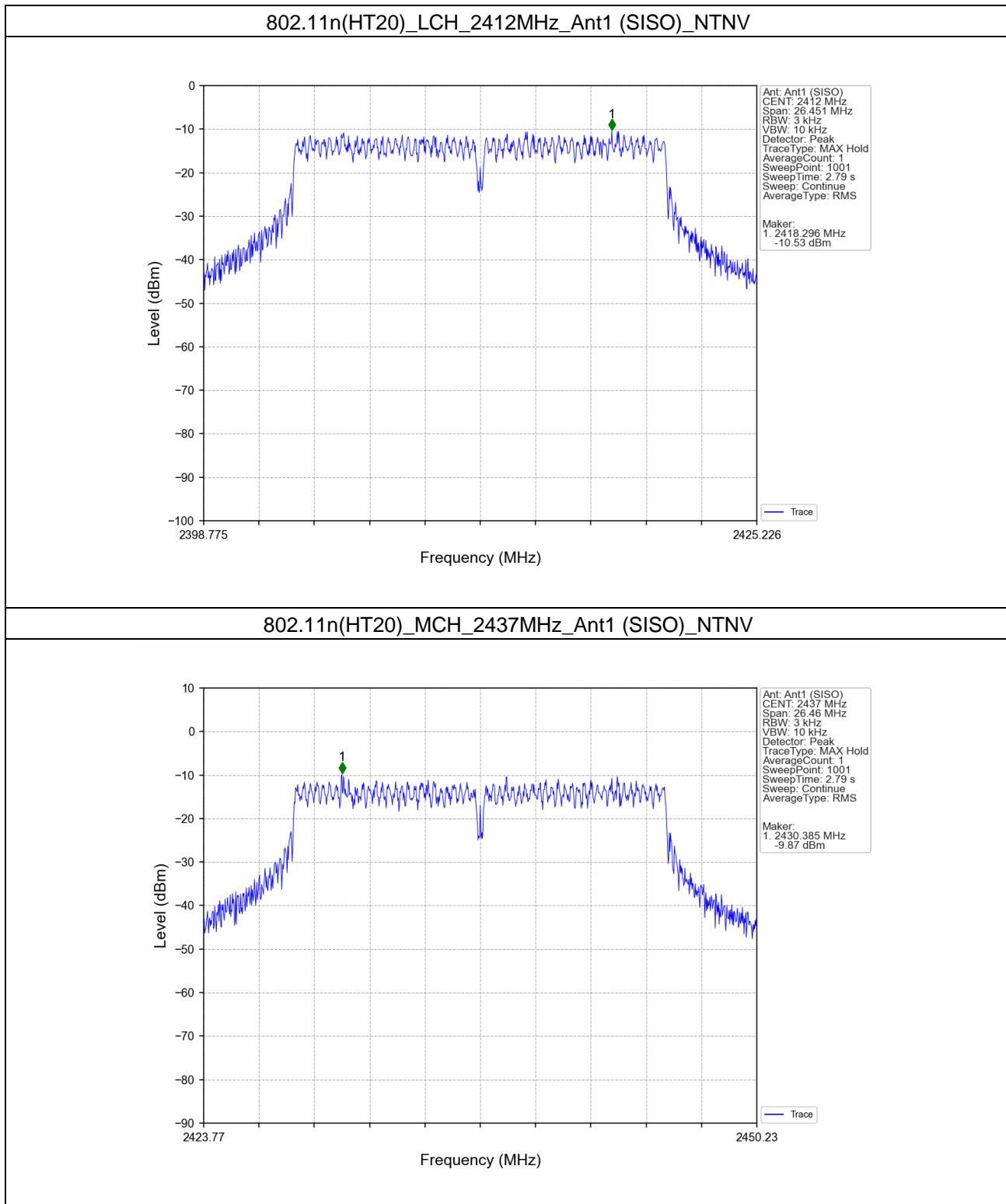


### 802.11g\_HCH\_2462MHz\_Ant1 (SISO)\_NTNV

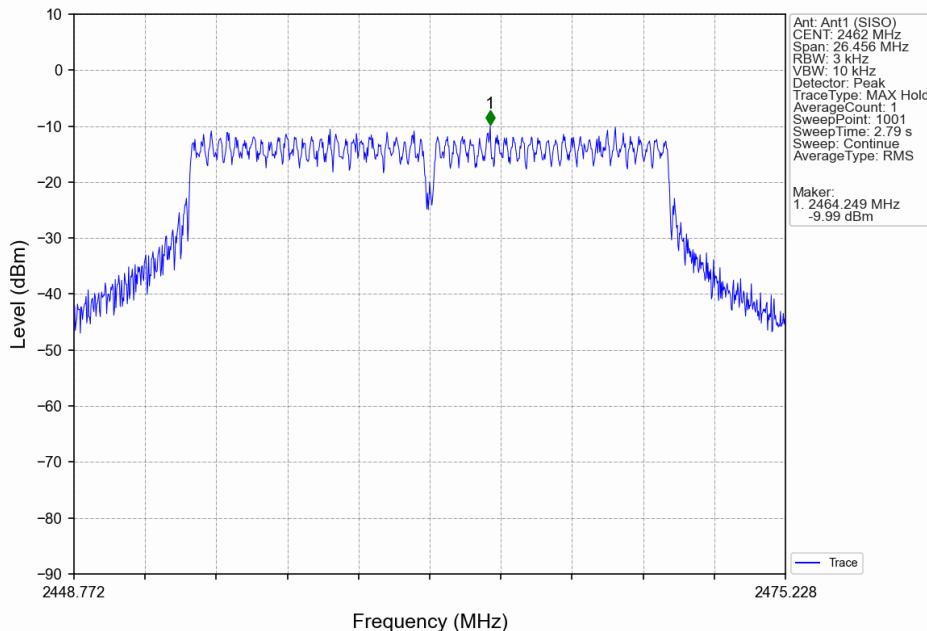


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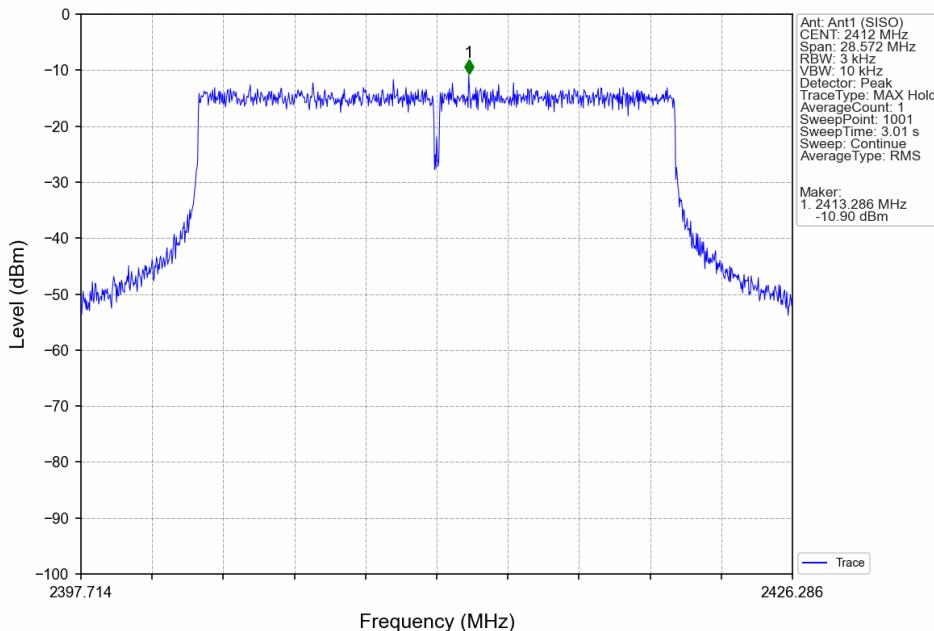
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### 802.11n(HT20)\_HCH\_2462MHz\_Ant1 (SISO)\_NTNV



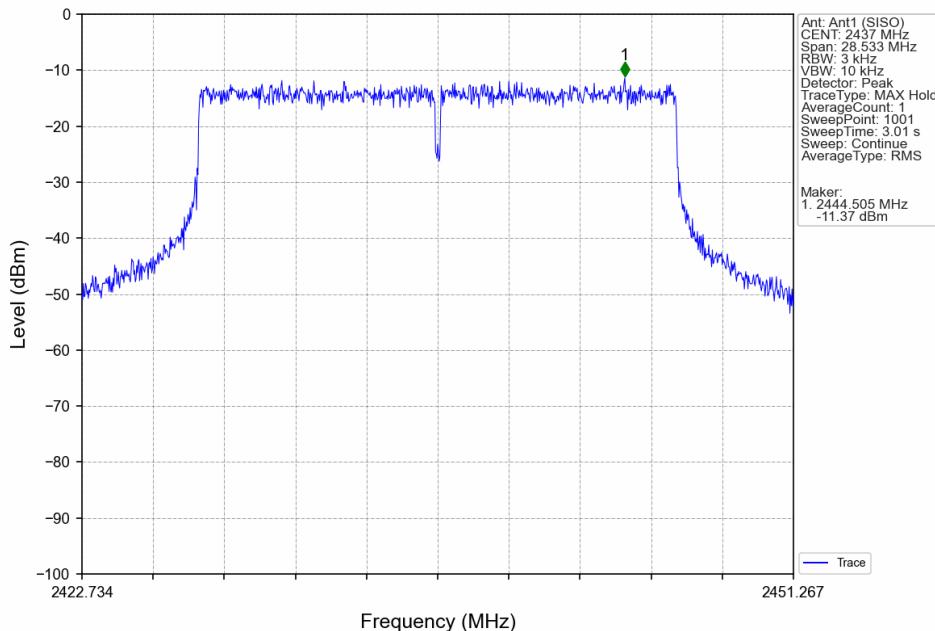
### 802.11ax(HEW20)\_LCH\_2412MHz\_RU242\_Left\_Ant1 (SISO)\_NTNV



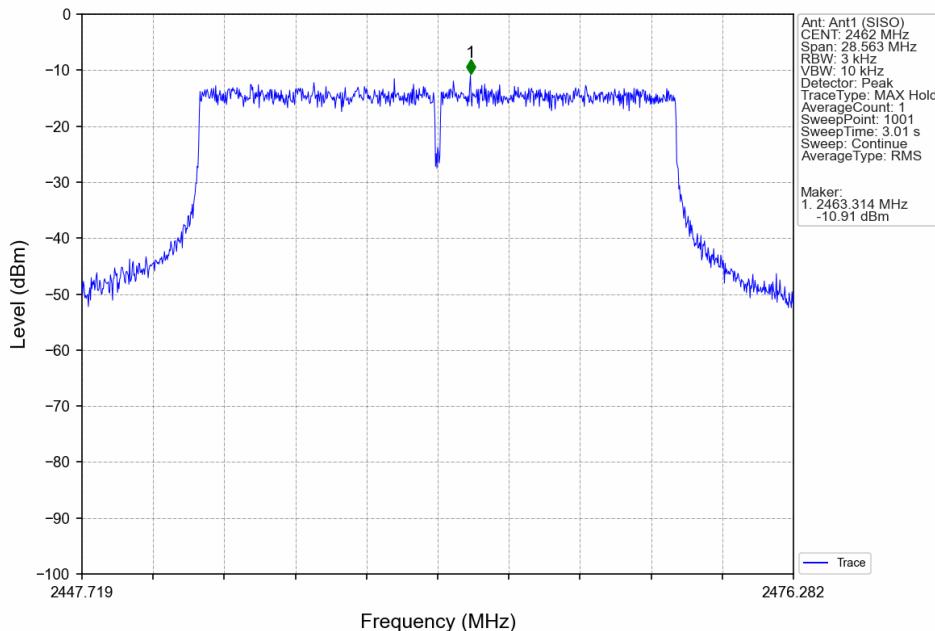
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### 802.11ax(HEW20)\_MCH\_2437MHz\_RU242\_Left\_Ant1 (SISO)\_NTNV



### 802.11ax(HEW20)\_HCH\_2462MHz\_RU242\_Left\_Ant1 (SISO)\_NTNV



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

### 5.1 Test Result

#### 5.1.1 Ref

Mode	TX Type	Frequency (MHz)	RU	RU Pos	ANT	Level of Reference (dBm)
802.11b	SISO	2412	/	/	1	1.14
		2437	/	/	1	1.22
		2462	/	/	1	0.95
802.11g	SISO	2412	/	/	1	4.41
		2437	/	/	1	5.02
		2462	/	/	1	5.04
802.11n (HT20)	SISO	2412	/	/	1	5.15
		2437	/	/	1	5.44
		2462	/	/	1	5.19
802.11ax (HEW20)	SISO	2412	RU242	Left	1	4.87
		2437	RU242	Left	1	5.12
		2462	RU242	Left	1	5.15

#### 5.1.2 CSE

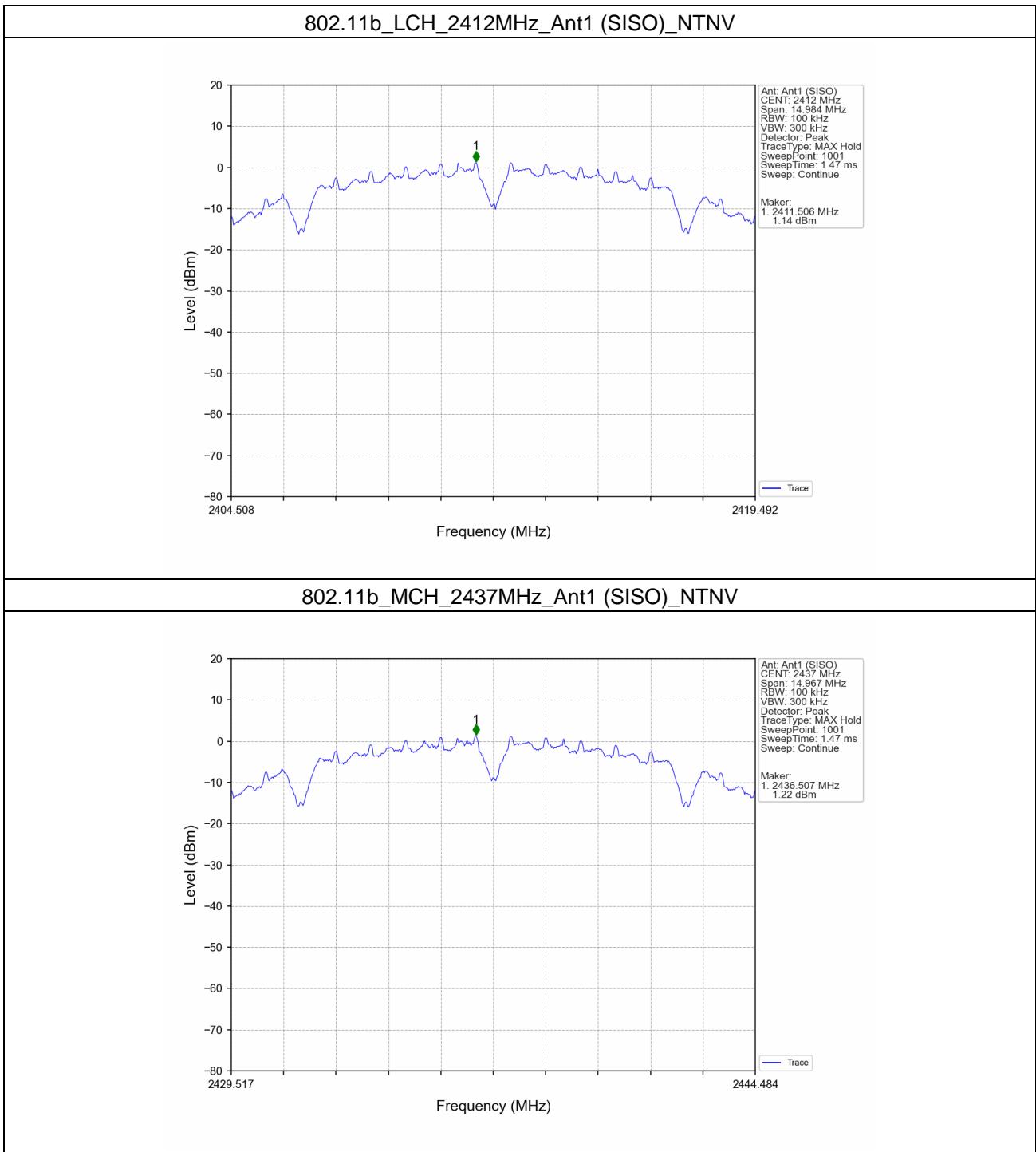
Mode	TX Type	Frequency (MHz)	RU	RU Pos	ANT	Level of Reference (dBm)	Limit (dBm)	Verdict
802.11b	SISO	2412	/	/	1	1.22	-28.78	Pass
		2437	/	/	1	1.22	-28.78	Pass
		2462	/	/	1	1.22	-28.78	Pass
802.11g	SISO	2412	/	/	1	5.04	-24.96	Pass
		2437	/	/	1	5.04	-24.96	Pass
		2462	/	/	1	5.04	-24.96	Pass
802.11n (HT20)	SISO	2412	/	/	1	5.44	-24.56	Pass
		2437	/	/	1	5.44	-24.56	Pass
		2462	/	/	1	5.44	-24.56	Pass
802.11ax (HEW20)	SISO	2412	RU242	Left	1	5.15	-24.85	Pass
		2437	RU242	Left	1	5.15	-24.85	Pass
		2462	RU242	Left	1	5.15	-24.85	Pass

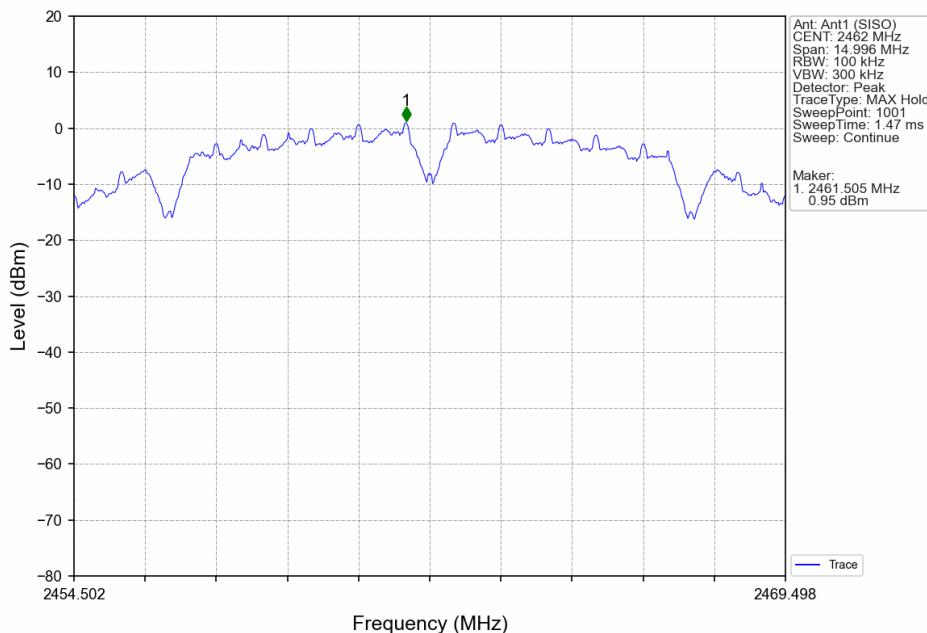
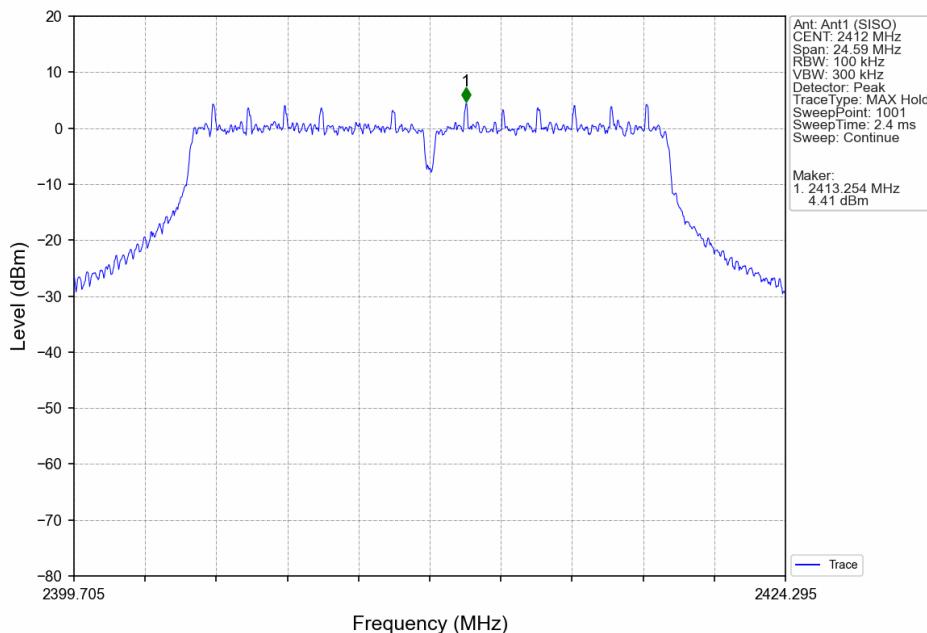
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## 5.2 Test Graph

### 5.2.1 Ref

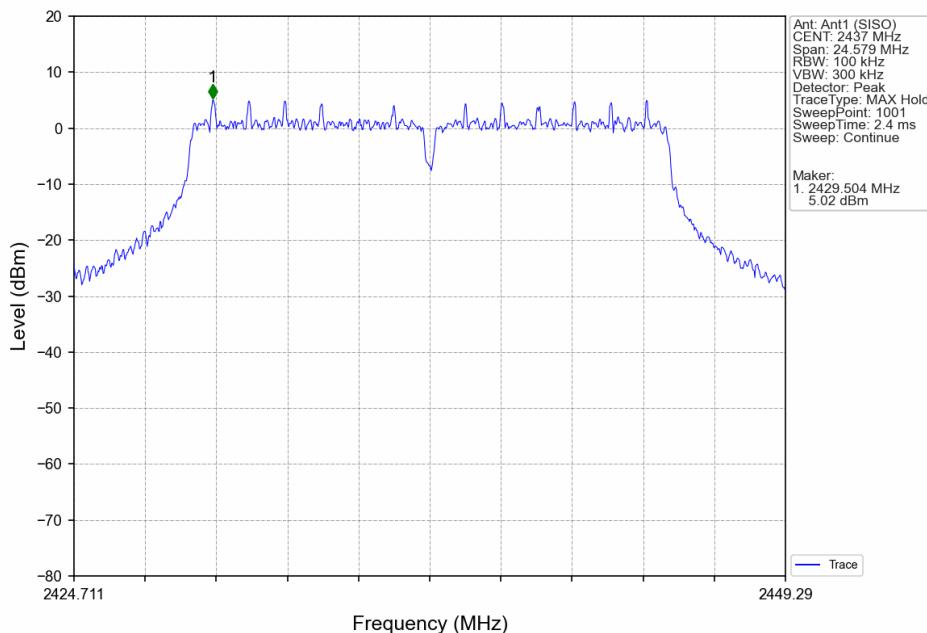


**802.11b\_HCH\_2462MHz\_Ant1 (SISO)\_NTNV****802.11g\_LCH\_2412MHz\_Ant1 (SISO)\_NTNV**

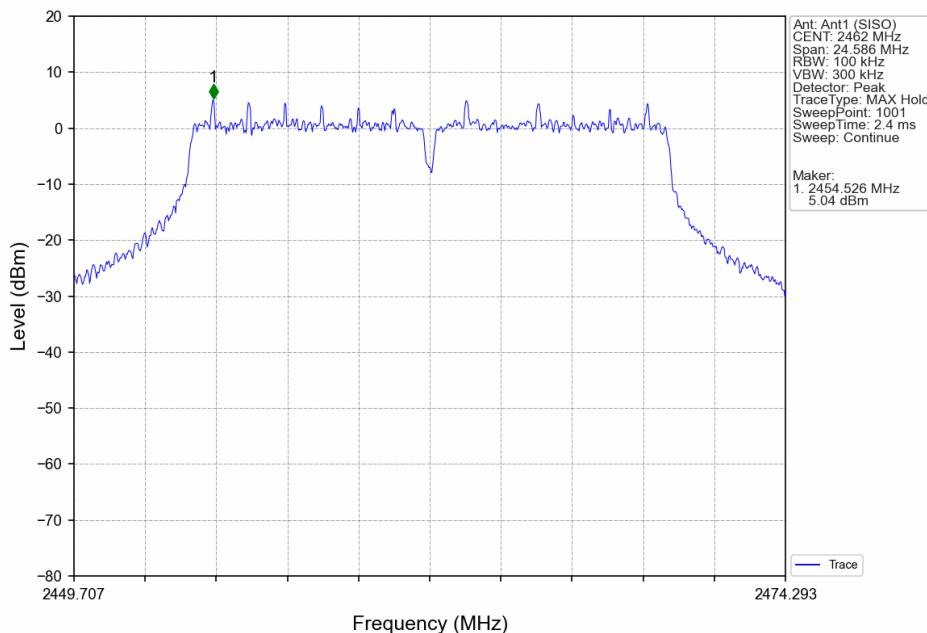
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### 802.11g\_MCH\_2437MHz\_Ant1 (SISO)\_NTNV



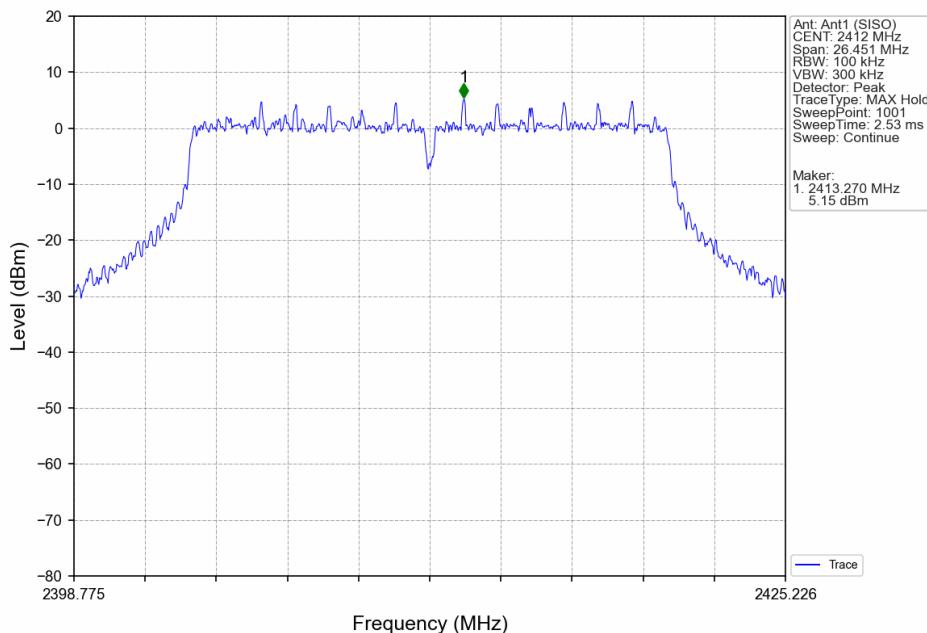
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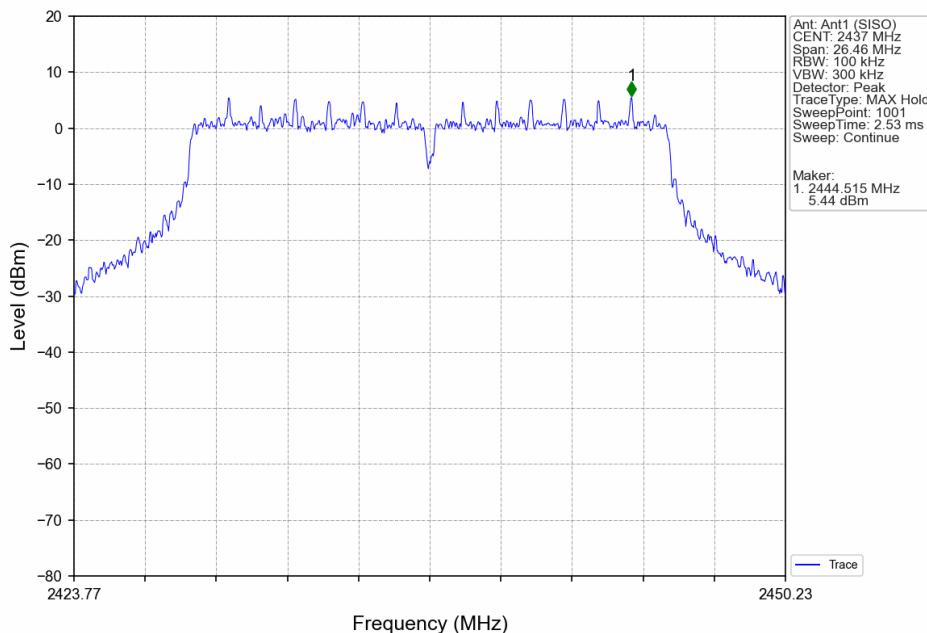
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### 802.11n(HT20)\_LCH\_2412MHz\_Ant1 (SISO)\_NTNV



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



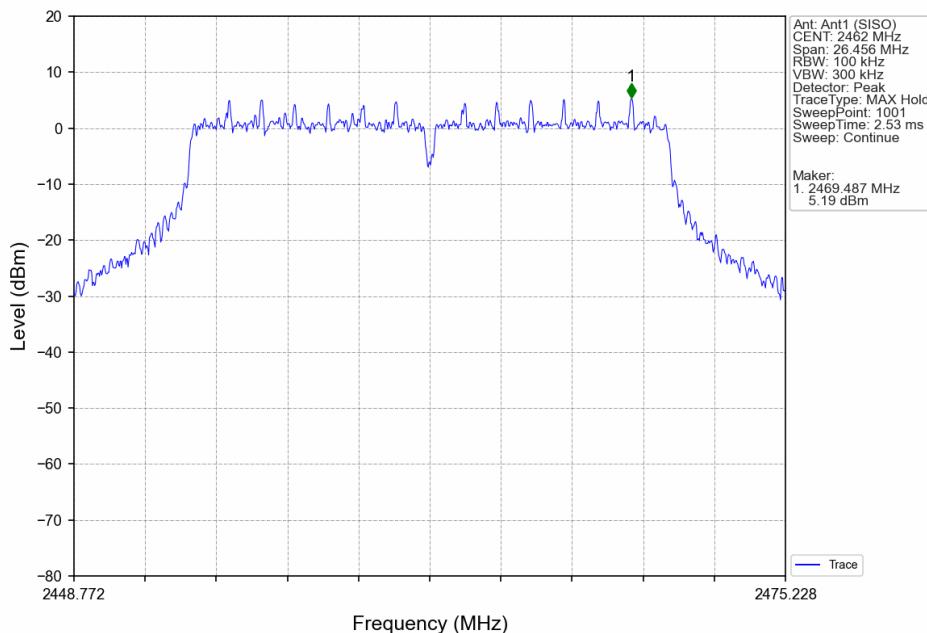
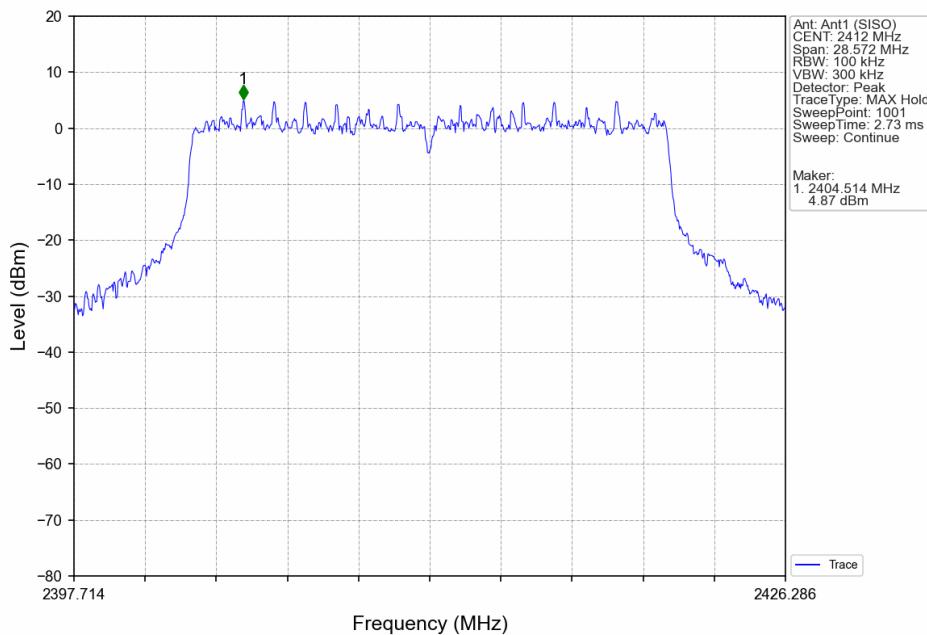
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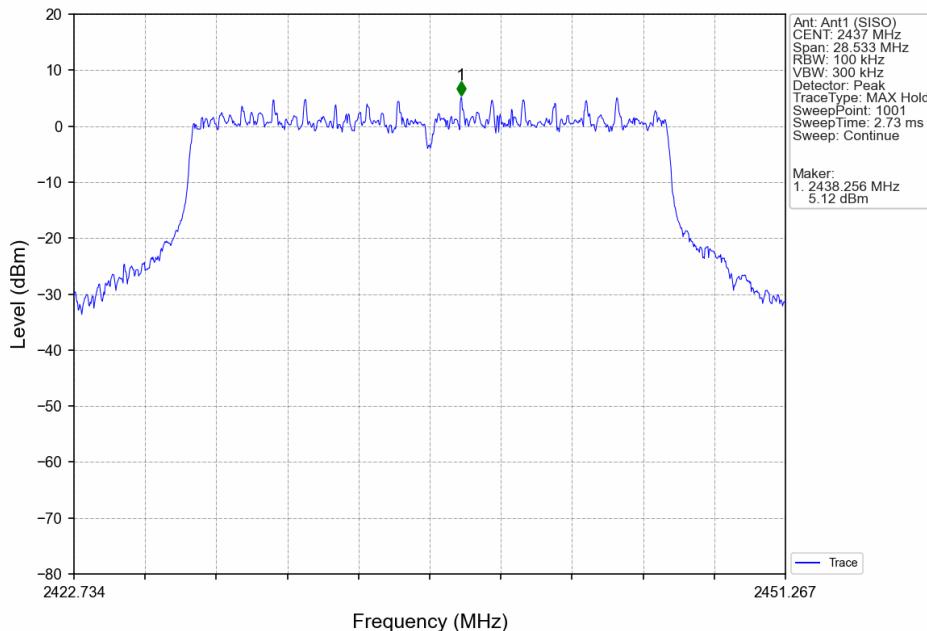
中国·广东·深圳市南山区科技园中区M-10栋1号厂房 邮编:518057 t (86-755) 26012053 f (86-755) 26710594 [sgs.china@sgs.com](mailto:sgs.china@sgs.com)

**802.11n(HT20)\_HCH\_2462MHz\_Ant1 (SISO)\_NTNV****802.11ax(HEW20)\_LCH\_2412MHz\_RU242\_Left\_Ant1 (SISO)\_NTNV**

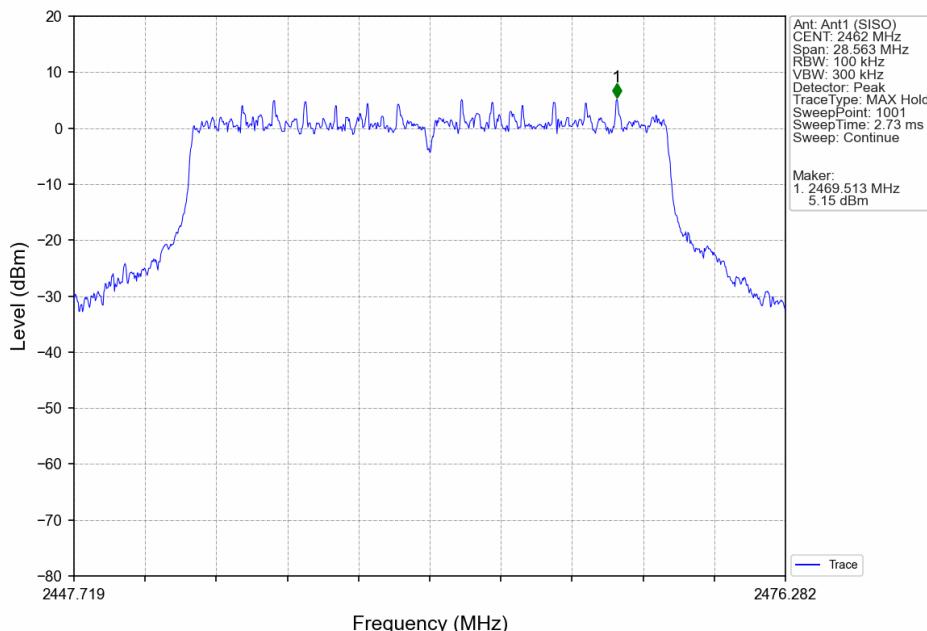
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### 802.11ax(HEW20)\_MCH\_2437MHz\_RU242\_Left\_Ant1 (SISO)\_NTNV

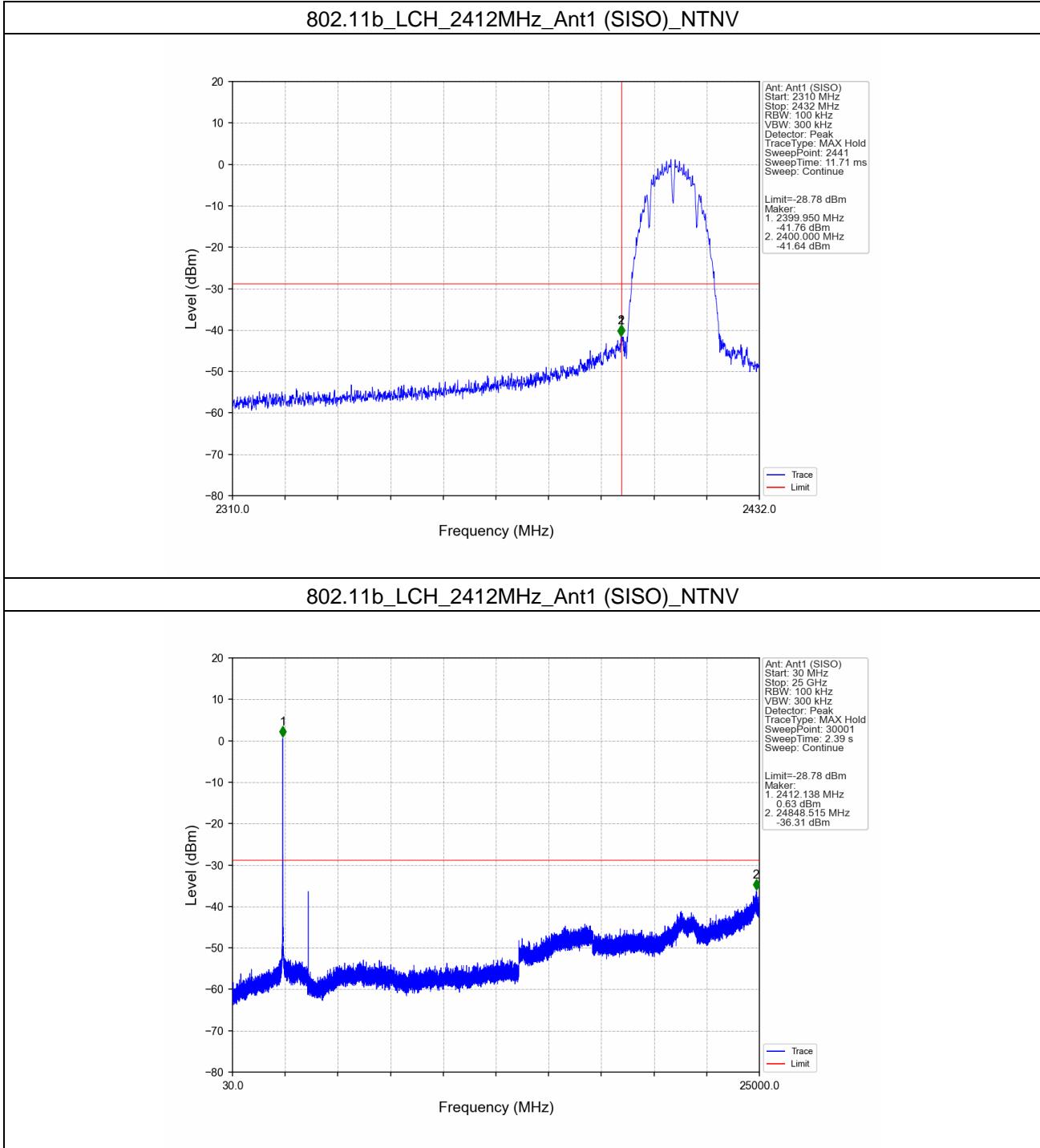


### 802.11ax(HEW20)\_HCH\_2462MHz\_RU242\_Left\_Ant1 (SISO)\_NTNV



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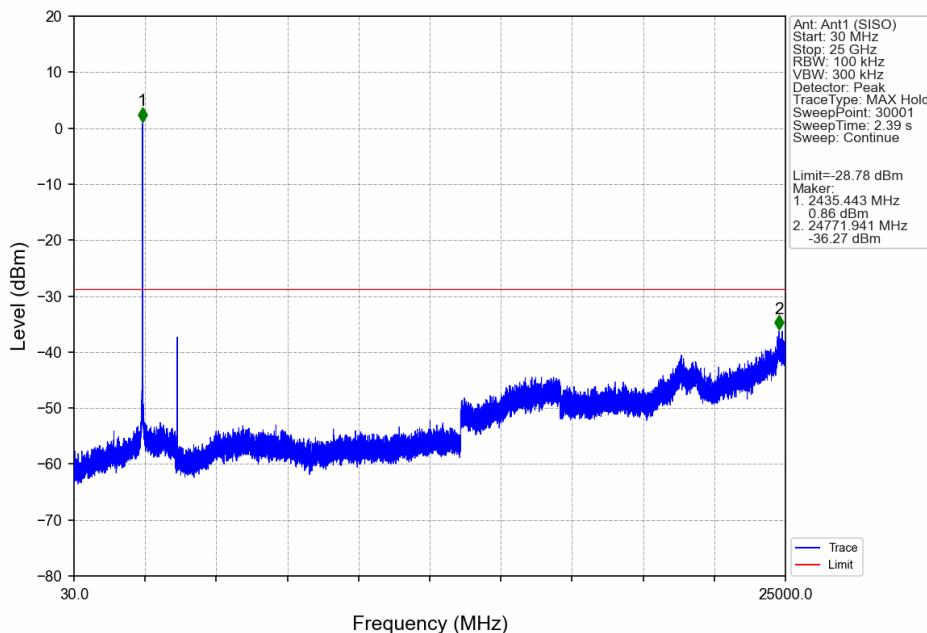
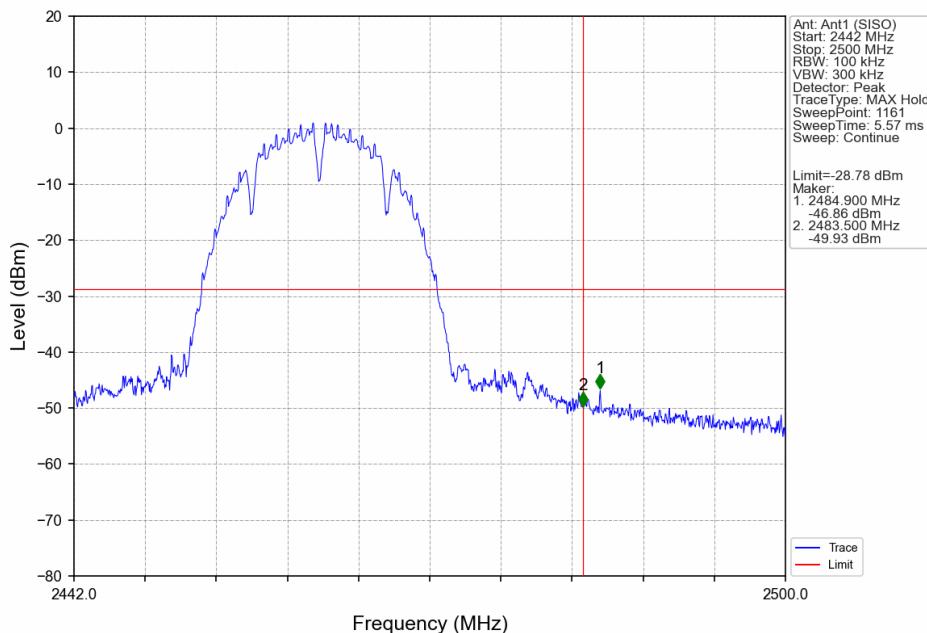
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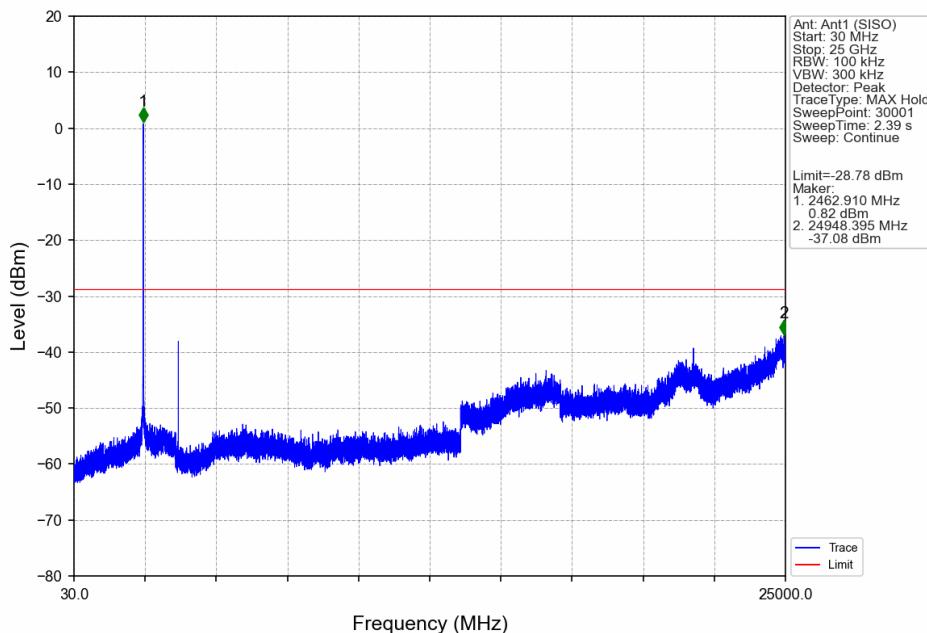


**802.11b\_MCH\_2437MHz\_Ant1 (SISO)\_NTNV****802.11b\_HCH\_2462MHz\_Ant1 (SISO)\_NTNV**

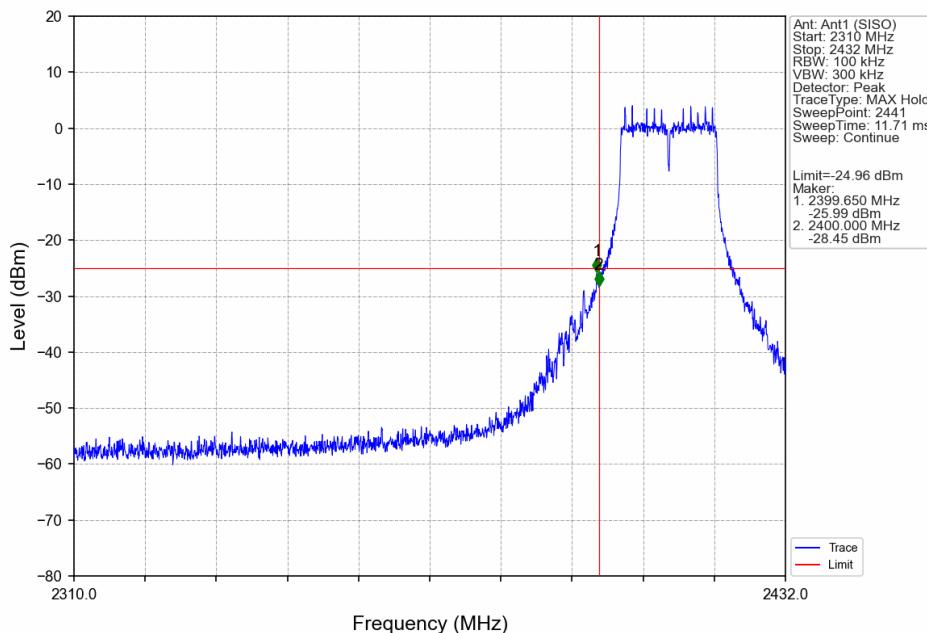
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### 802.11b\_HCH\_2462MHz\_Ant1 (SISO)\_NTNV

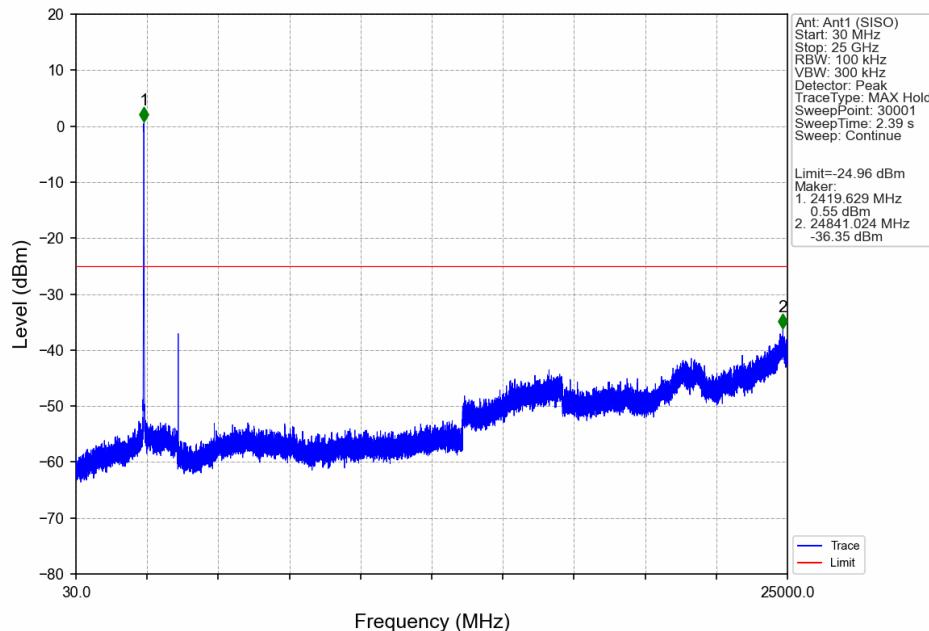
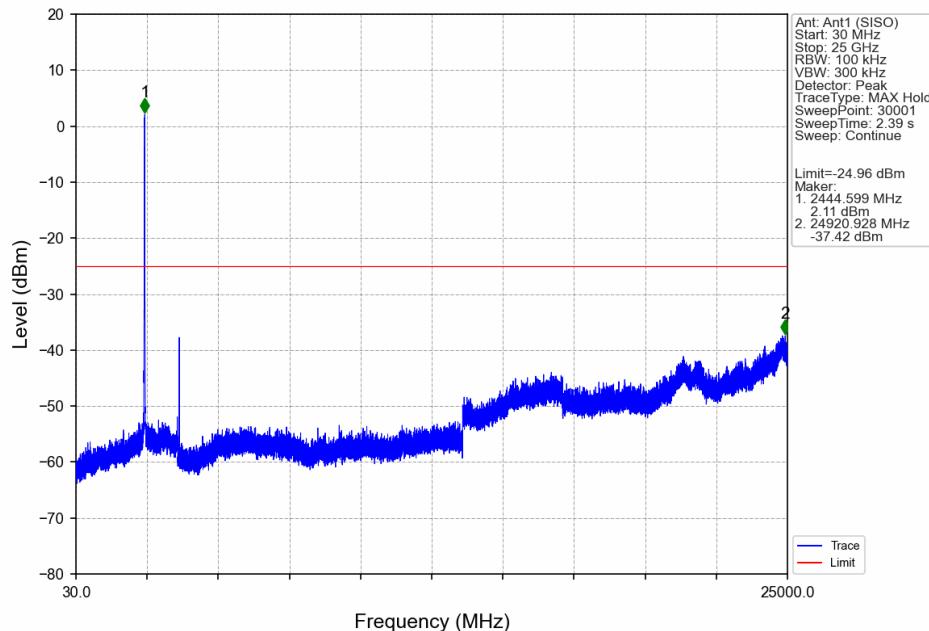


### 802.11g\_LCH\_2412MHz\_Ant1 (SISO)\_NTNV



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**802.11g\_LCH\_2412MHz\_Ant1 (SISO)\_NTNV****802.11g\_MCH\_2437MHz\_Ant1 (SISO)\_NTNV**

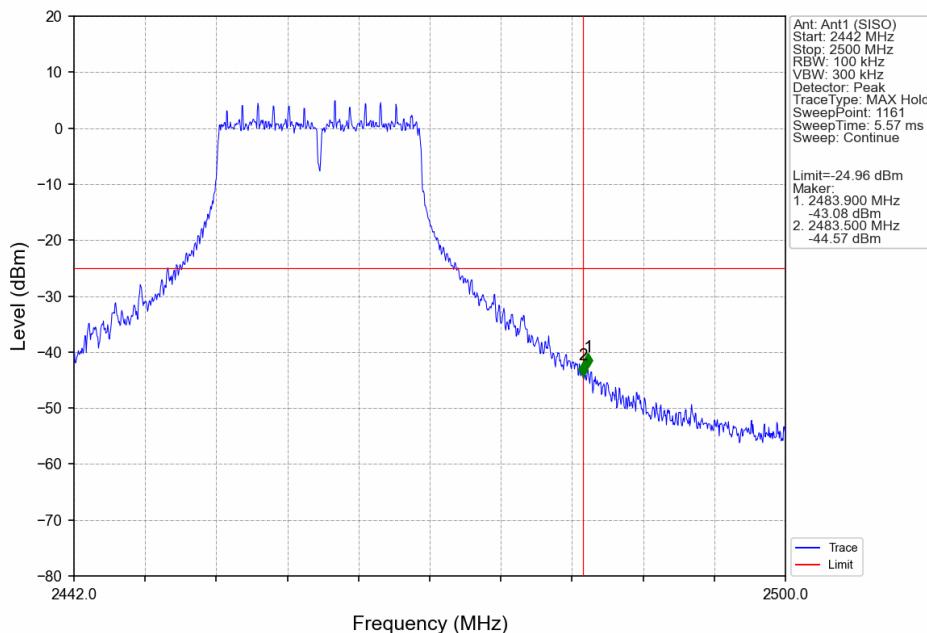
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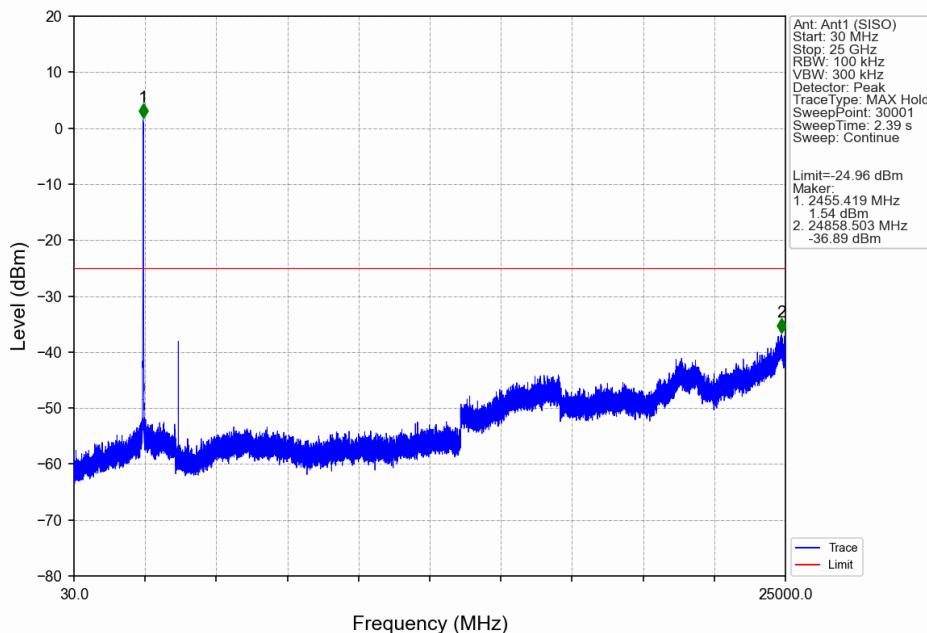


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### 802.11g\_HCH\_2462MHz\_Ant1 (SISO)\_NTNV

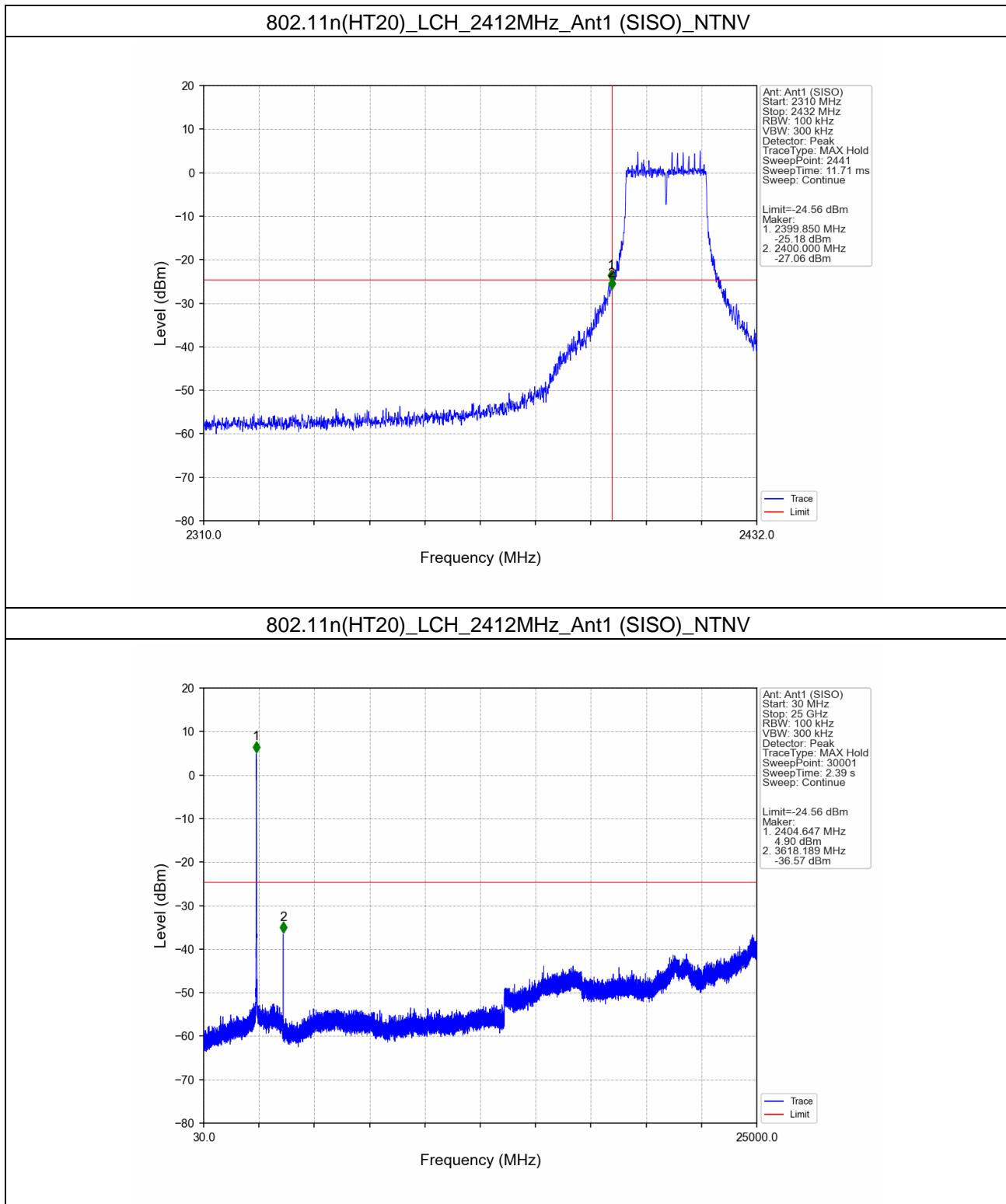


### 802.11g\_HCH\_2462MHz\_Ant1 (SISO)\_NTNV



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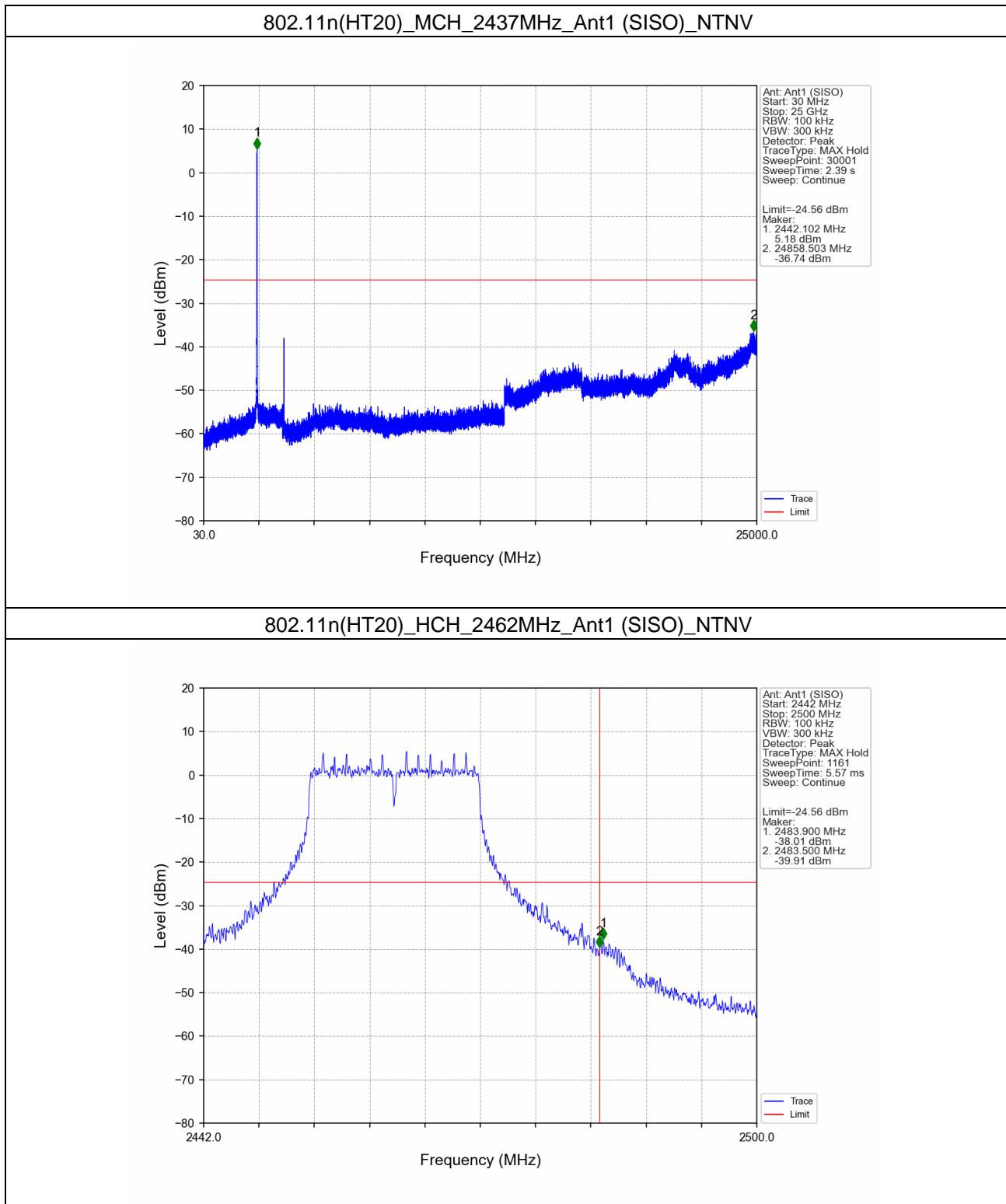


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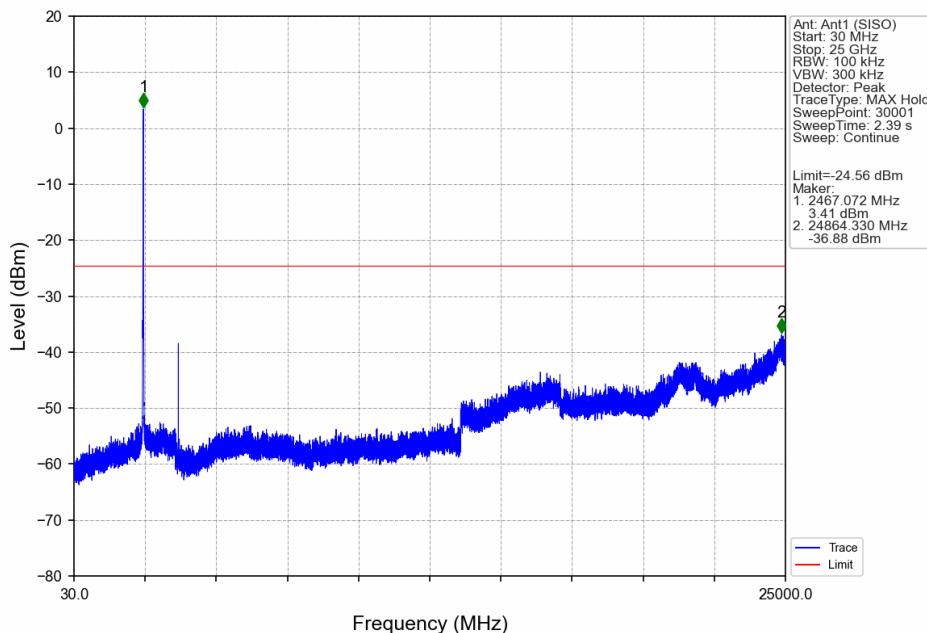
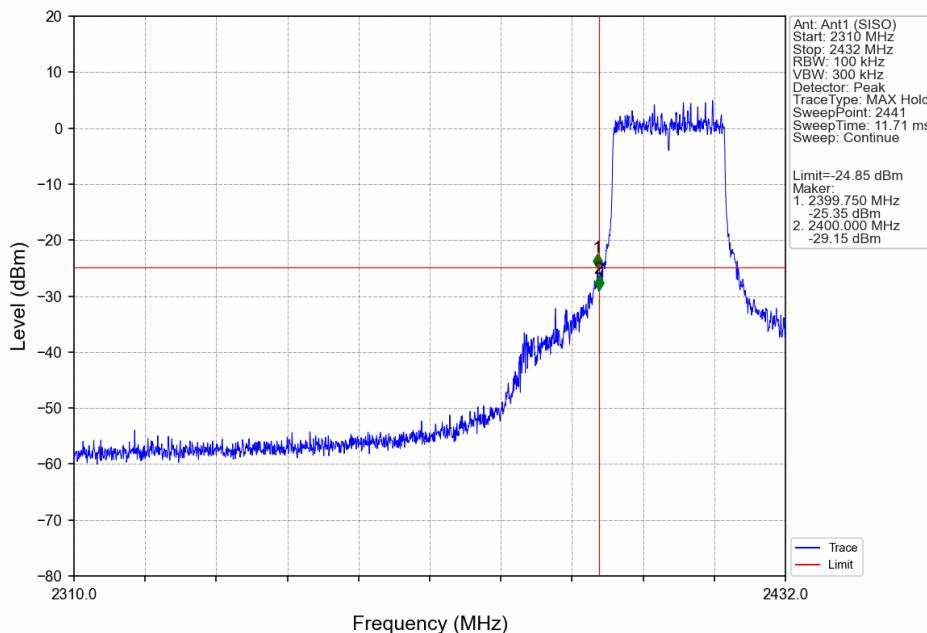


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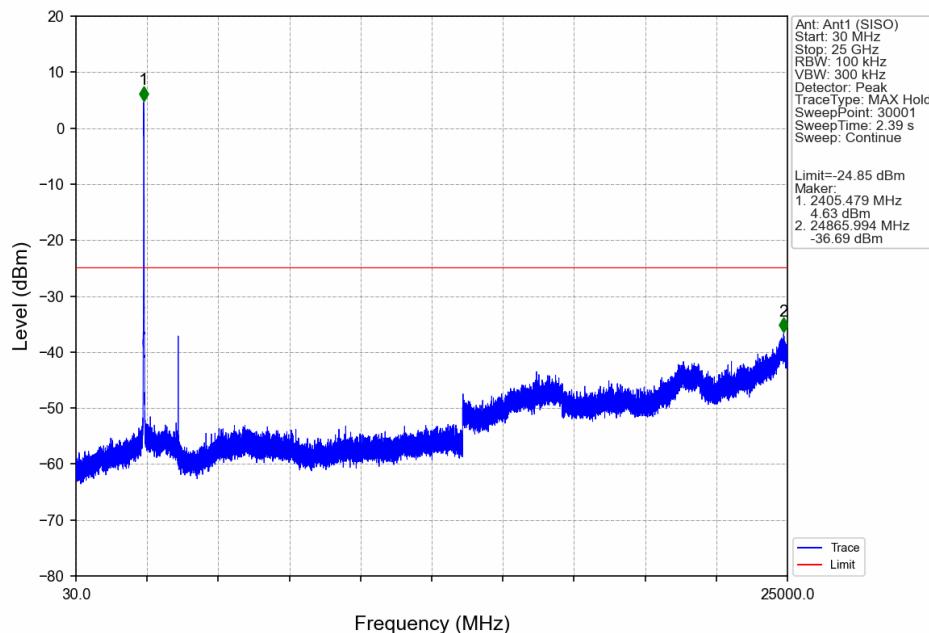
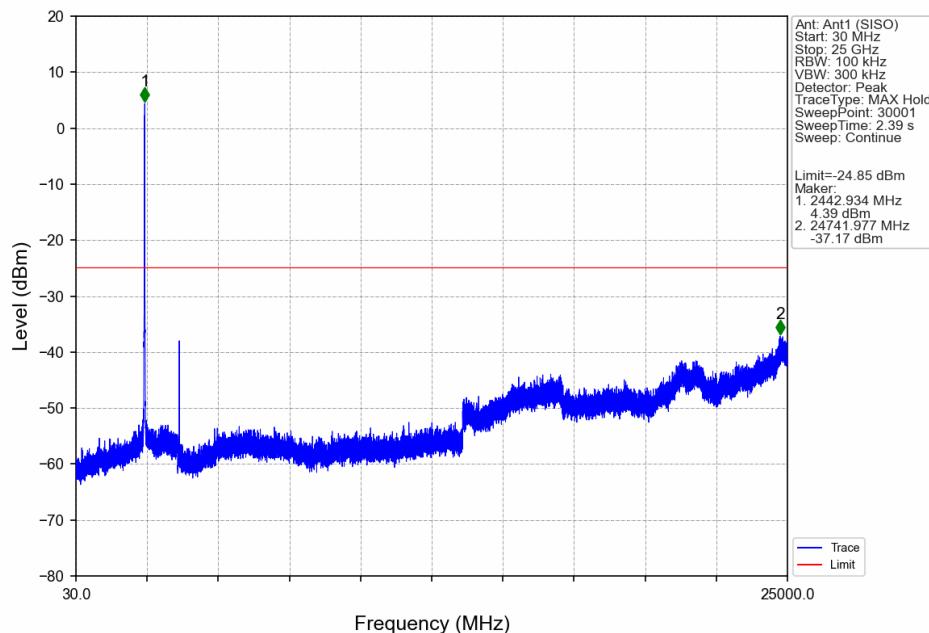
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**802.11n(HT20)\_HCH\_2462MHz\_Ant1 (SISO)\_NTNV****802.11ax(HEW20)\_LCH\_2412MHz\_RU242\_Left\_Ant1 (SISO)\_NTNV**

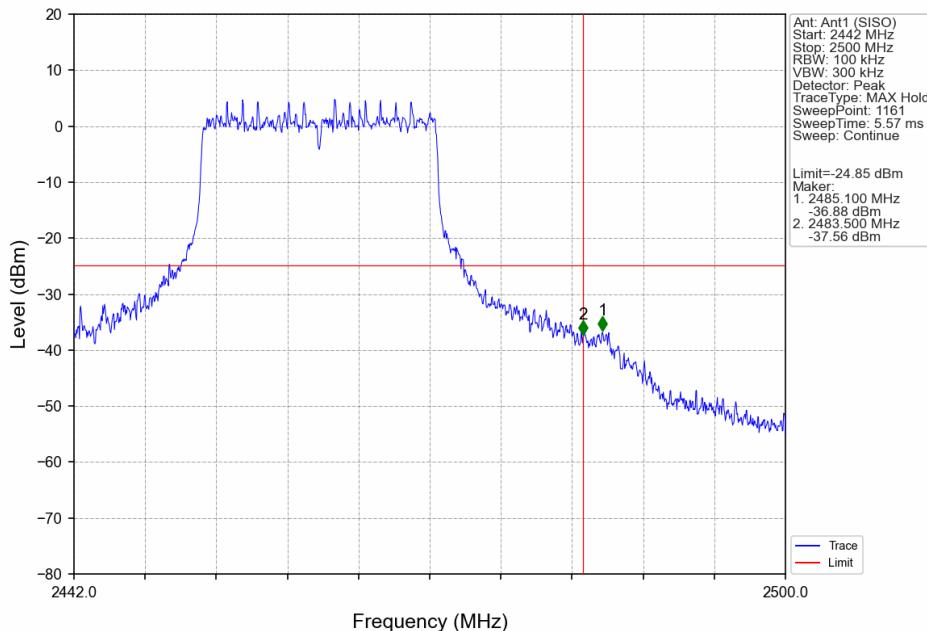
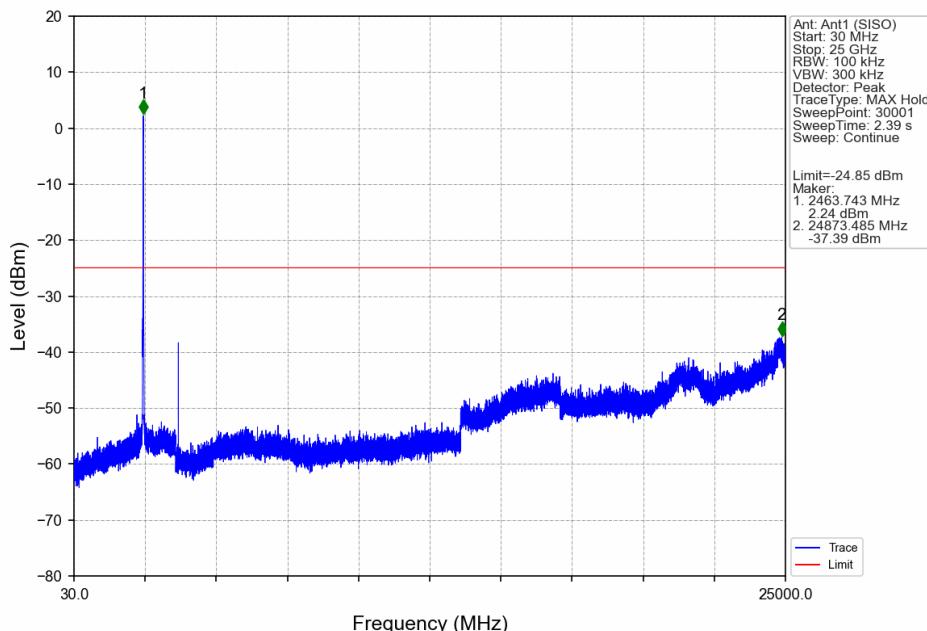
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**802.11ax(HEW20)\_LCH\_2412MHz\_RU242\_Left\_Ant1 (SISO)\_NTNV****802.11ax(HEW20)\_MCH\_2437MHz\_RU242\_Left\_Ant1 (SISO)\_NTNV**

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**802.11ax(HEW20)\_HCH\_2462MHz\_RU242\_Left\_Ant1 (SISO)\_NTNV****802.11ax(HEW20)\_HCH\_2462MHz\_RU242\_Left\_Ant1 (SISO)\_NTNV****- End of the Report -**

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