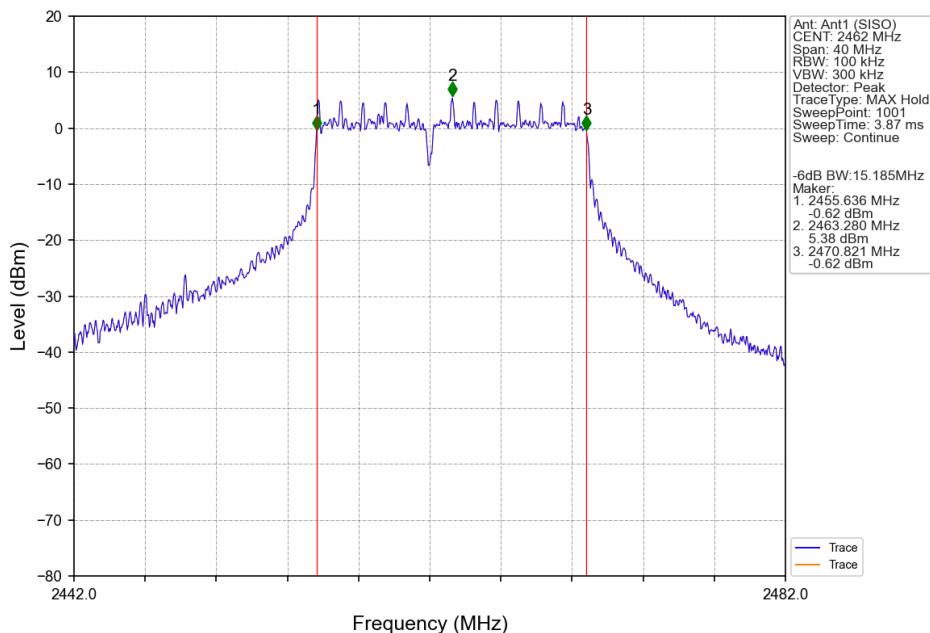
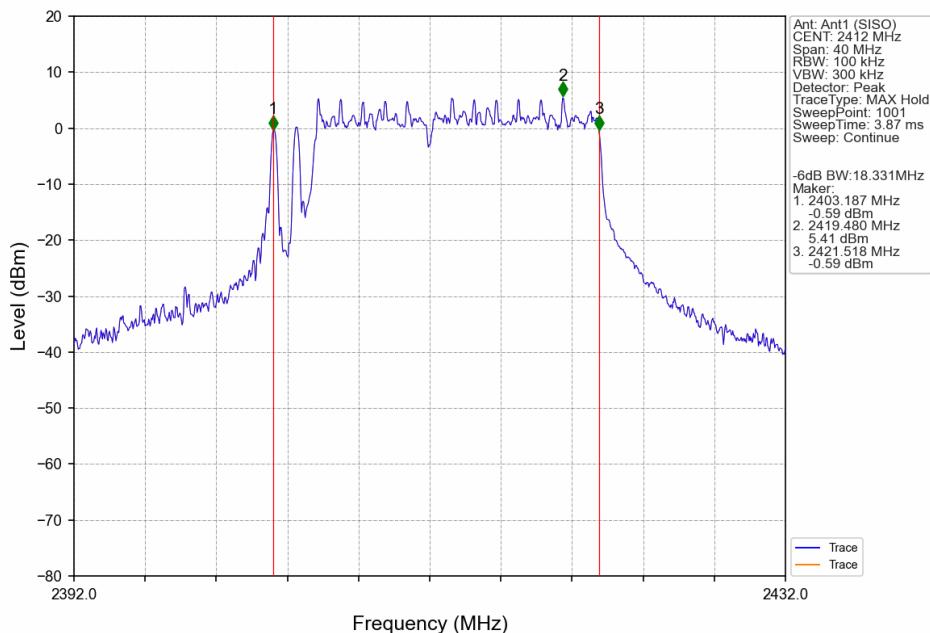
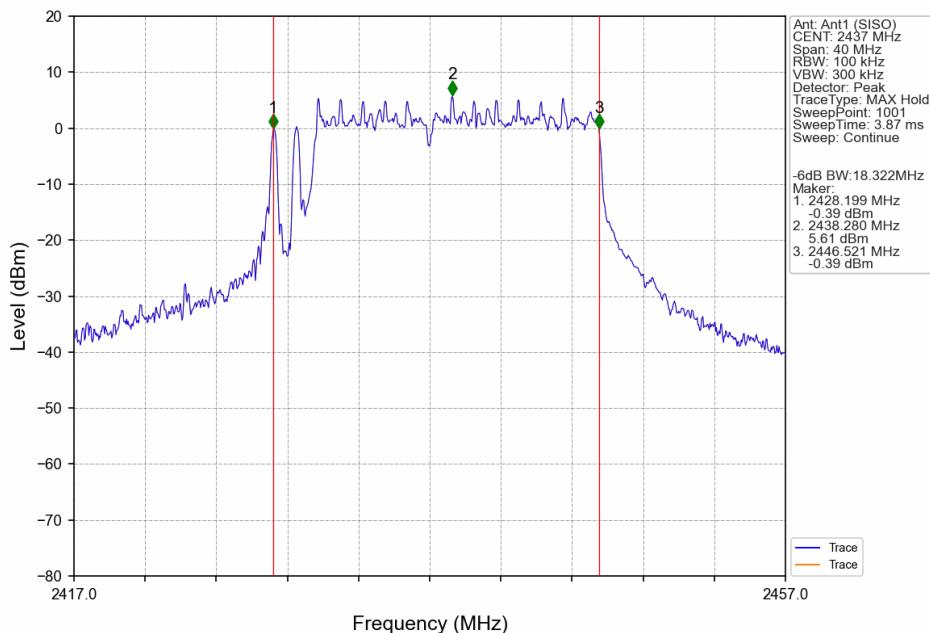
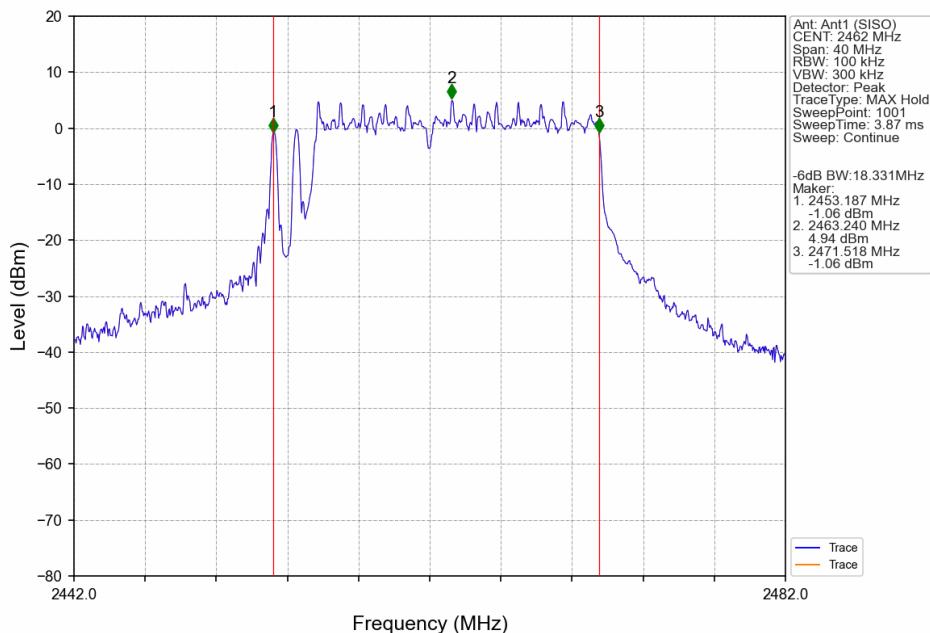


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**802.11n(HT20)\_HCH\_2462MHz\_Ant1 (SISO)\_NTNV****802.11ax(HEW20)\_LCH\_2412MHz\_SU\_ / \_Ant1 (SISO)\_NTNV**

**802.11ax(HEW20)\_MCH\_2437MHz\_SU\_ / \_Ant1 (SISO)\_NTNV****802.11ax(HEW20)\_HCH\_2462MHz\_SU\_ / \_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	/	/	18.72	<=30	Pass
		2437	/	/	18.32	<=30	Pass
		2462	/	/	17.67	<=30	Pass
802.11g	SISO	2412	/	/	16.38	<=30	Pass
		2437	/	/	16.07	<=30	Pass
		2462	/	/	15.80	<=30	Pass
802.11n (HT20)	SISO	2412	/	/	16.17	<=30	Pass
		2437	/	/	16.09	<=30	Pass
		2462	/	/	15.56	<=30	Pass
802.11ax (HEW20)	SISO	2412	SU	/	16.09	<=30	Pass
		2437	SU	/	16.02	<=30	Pass
		2462	SU	/	15.51	<=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	/	/	-7.12	<=8	Pass
		2437	/	/	-7.56	<=8	Pass
		2462	/	/	-8.55	<=8	Pass
802.11g	SISO	2412	/	/	-9.70	<=8	Pass
		2437	/	/	-10.19	<=8	Pass
		2462	/	/	-10.29	<=8	Pass
802.11n (HT20)	SISO	2412	/	/	-10.15	<=8	Pass
		2437	/	/	-10.29	<=8	Pass
		2462	/	/	-11.07	<=8	Pass
802.11ax (HEW20)	SISO	2412	SU	/	-9.79	<=8	Pass
		2437	SU	/	-10.11	<=8	Pass
		2462	SU	/	-10.87	<=8	Pass

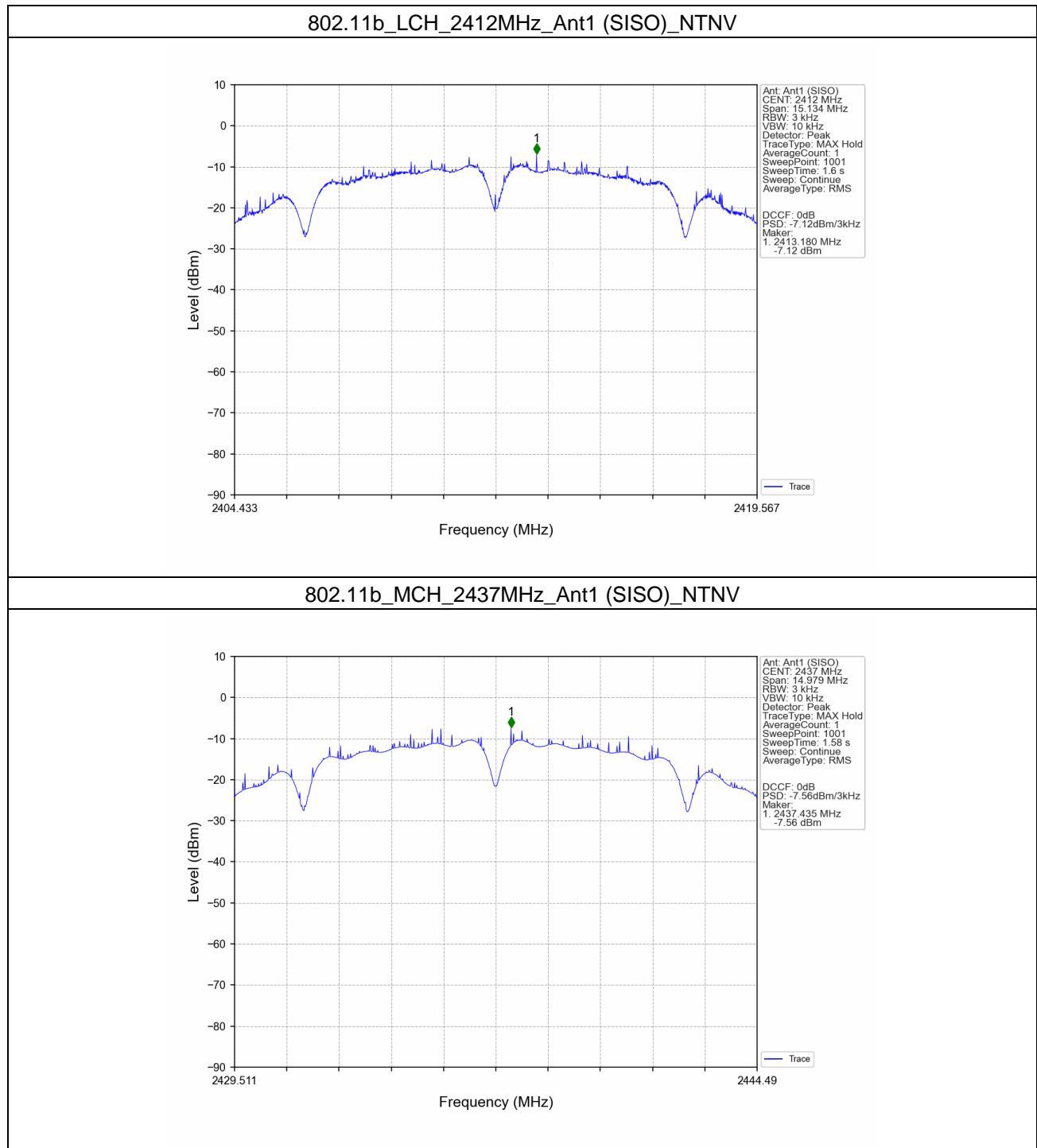
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## 4.2 Test Graph

### 4.2.1 PSD

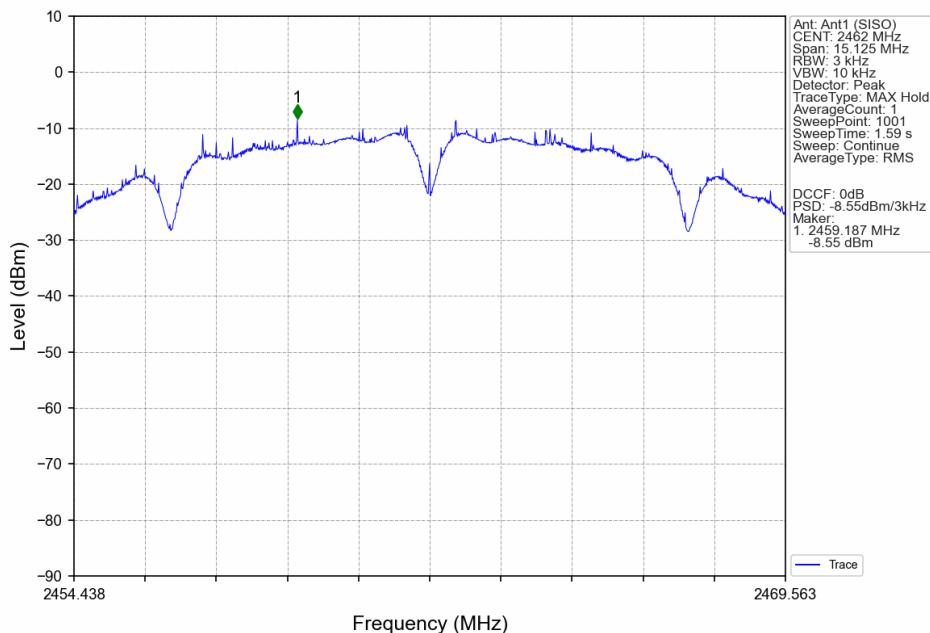
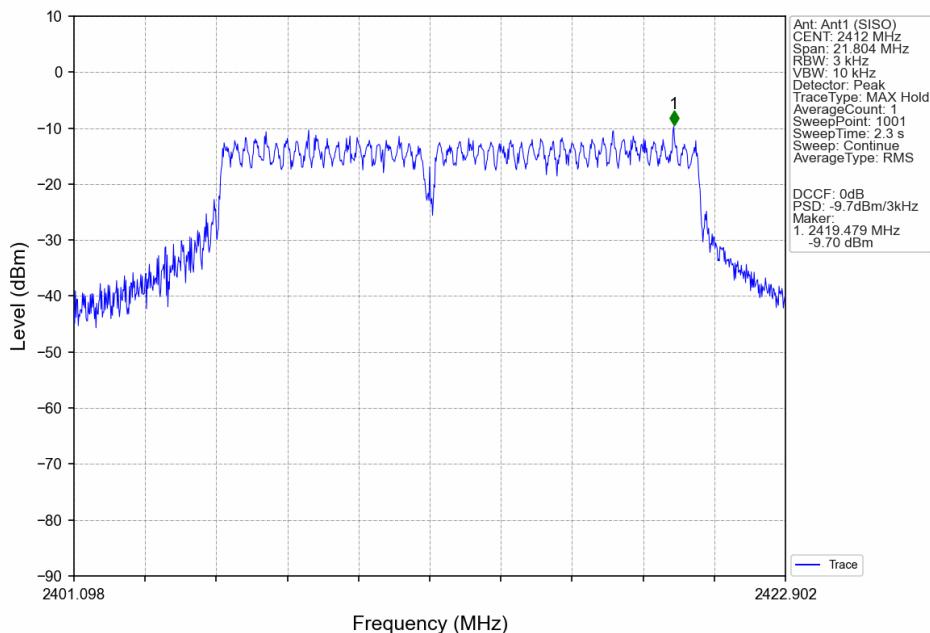


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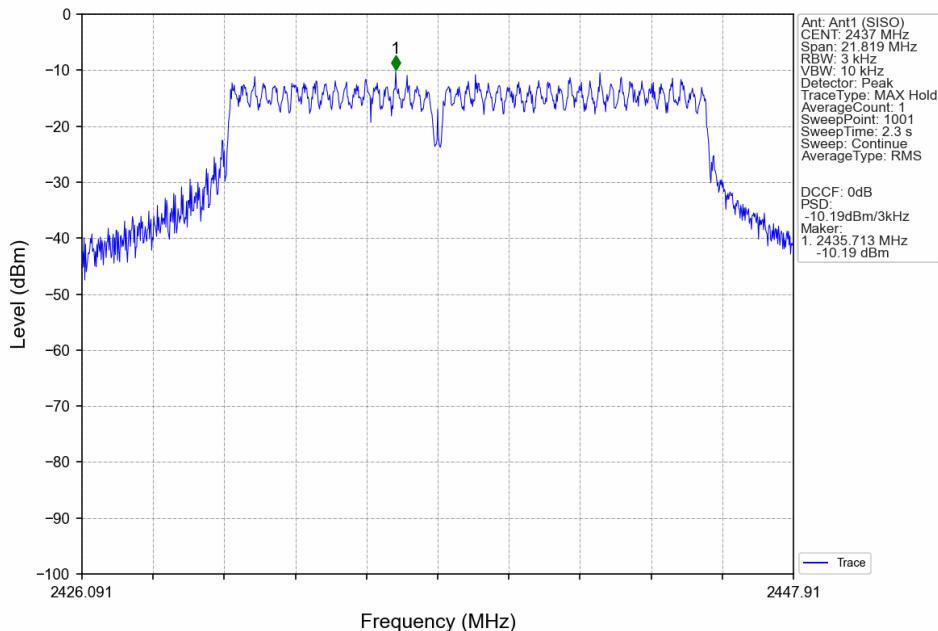
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中国·广东·深圳市南山区科技园中区M-10栋1号厂房 邮编:518057 t (86-755) 26012053 f (86-755) 26710594 sgs.china@sgs.com

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

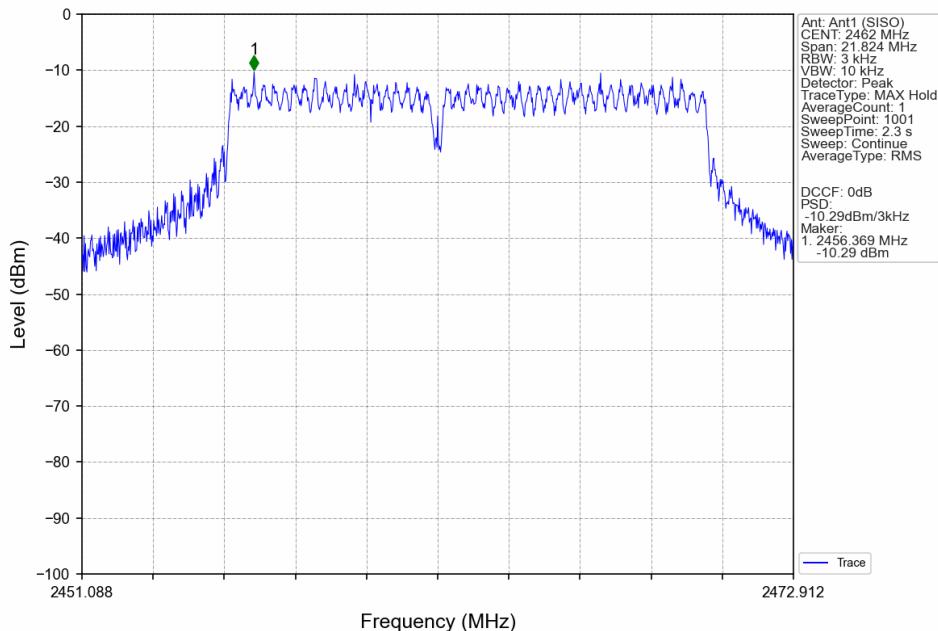
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### 802.11g\_MCH\_2437MHz\_Ant1 (SISO)\_NTNV

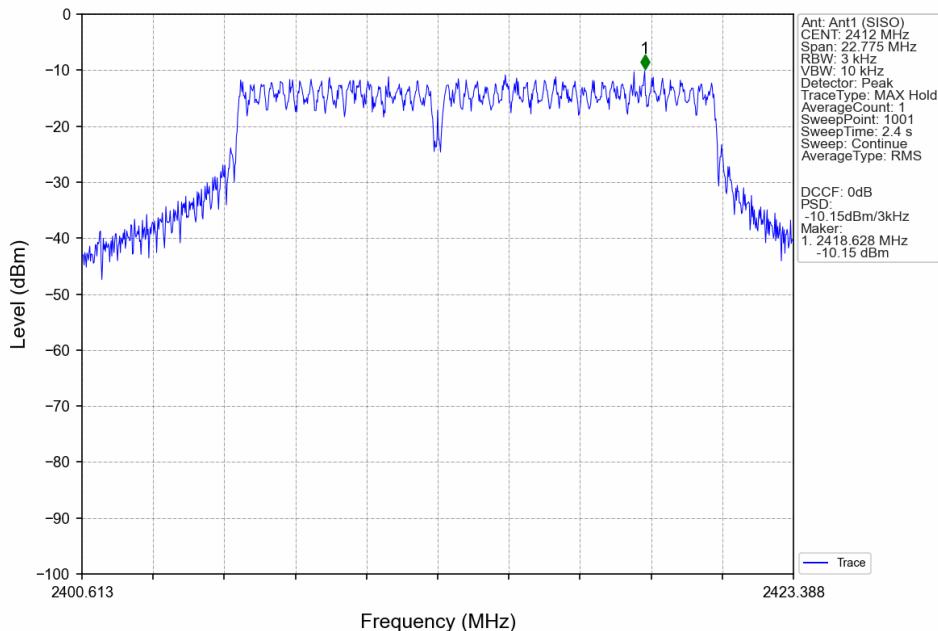
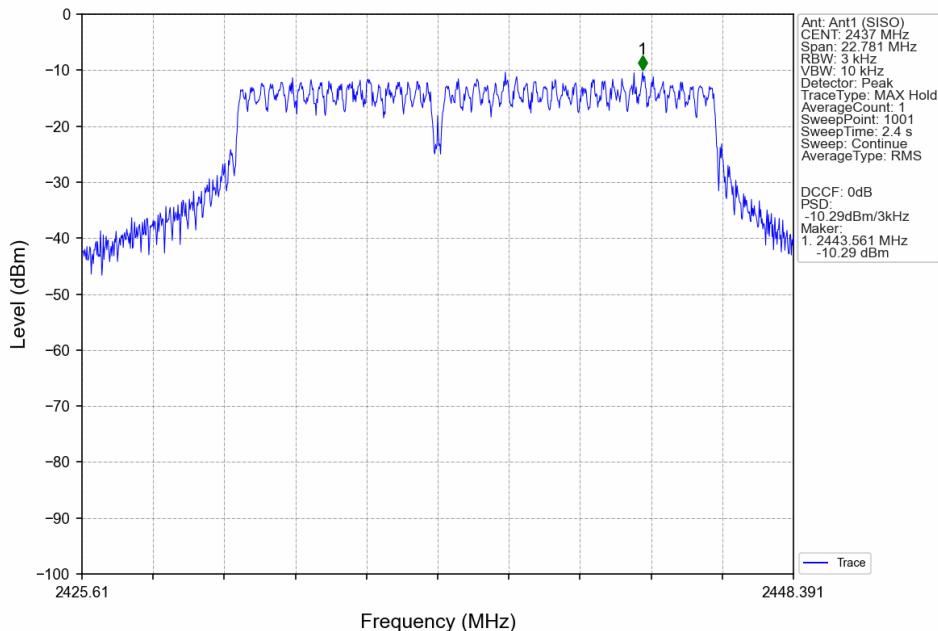


### 802.11g\_HCH\_2462MHz\_Ant1 (SISO)\_NTNV



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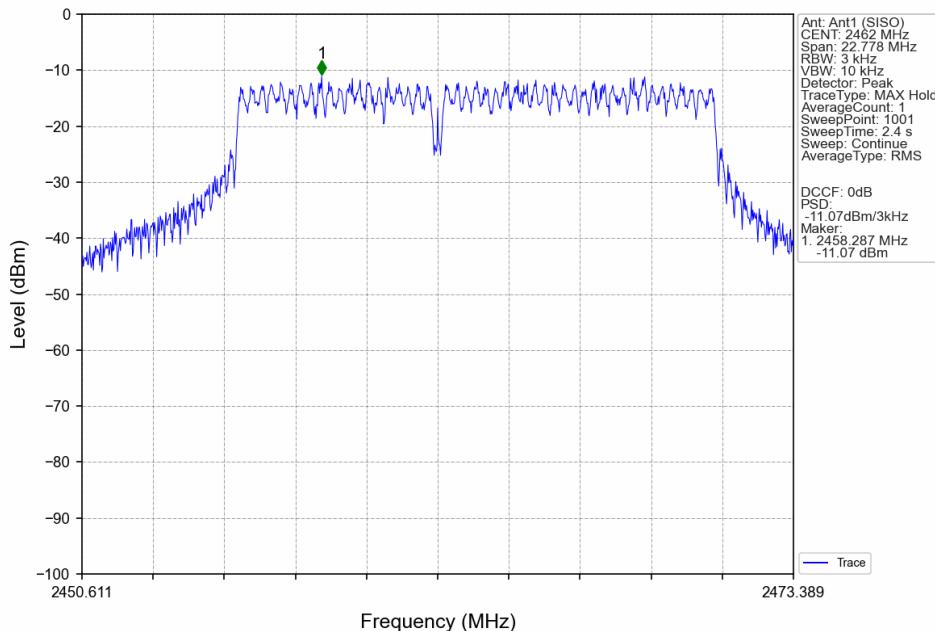
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**802.11n(HT20)\_LCH\_2412MHz\_Ant1 (SISO)\_NTNV****802.11n(HT20)\_MCH\_2437MHz\_Ant1 (SISO)\_NTNV**

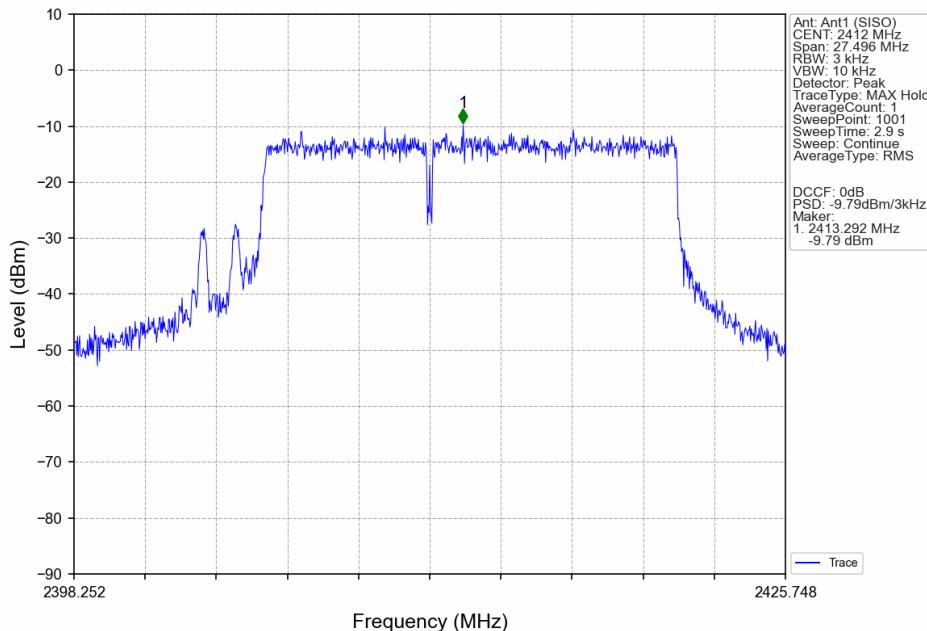
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### 802.11n(HT20)\_HCH\_2462MHz\_Ant1 (SISO)\_NTNV



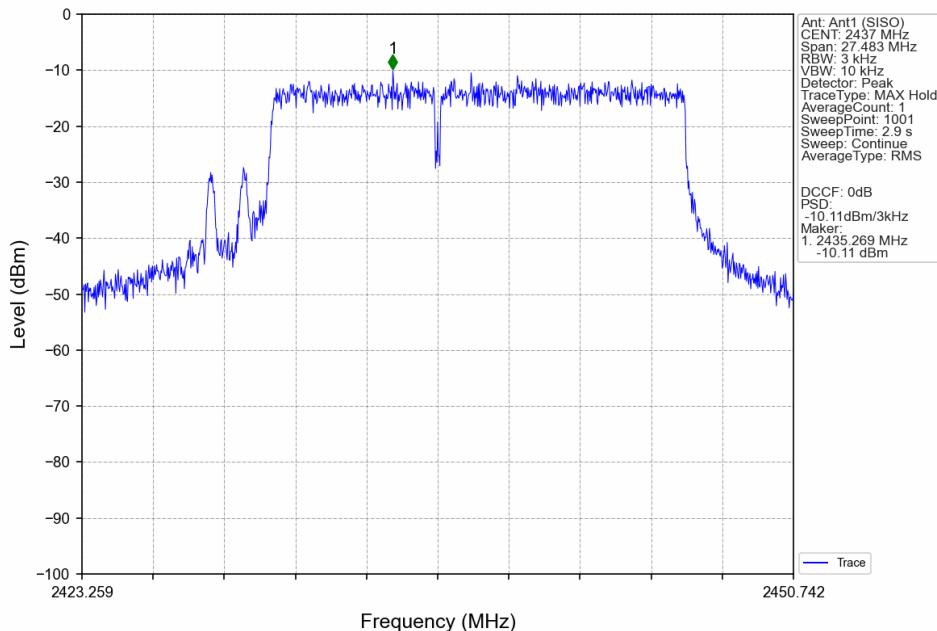
### 802.11ax(HEW20)\_LCH\_2412MHz\_SU\_ / \_Ant1 (SISO)\_NTNV



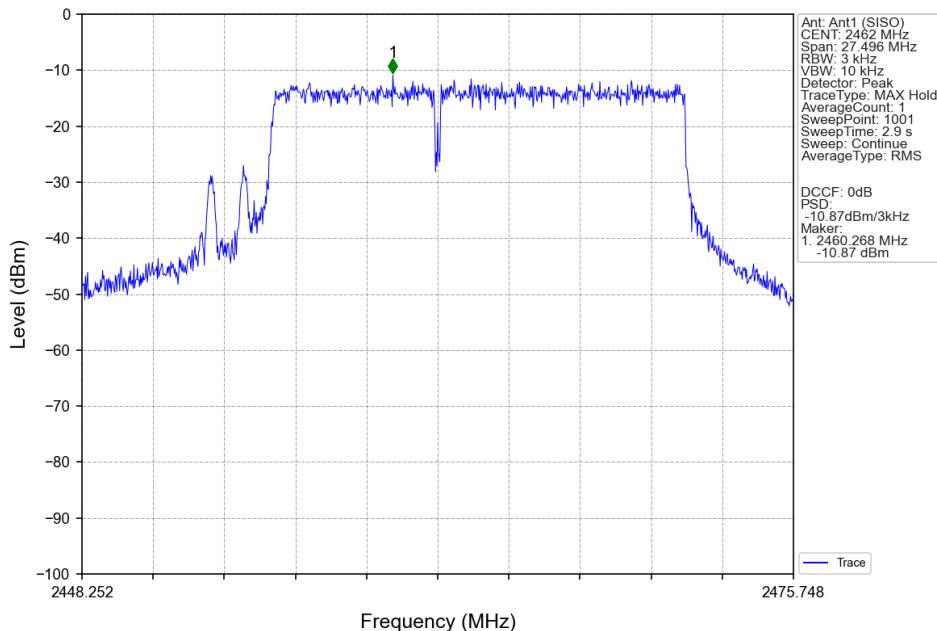
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### 802.11ax(HEW20)\_MCH\_2437MHz\_SU\_ / \_Ant1 (SISO)\_NTNV



### 802.11ax(HEW20)\_HCH\_2462MHz\_SU\_ / \_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	8.61
		2437	/	/	1	8.09
		2462	/	/	1	7.46
802.11g	SISO	2412	/	/	1	5.81
		2437	/	/	1	5.58
		2462	/	/	1	5.08
802.11n (HT20)	SISO	2412	/	/	1	5.95
		2437	/	/	1	5.58
		2462	/	/	1	4.96
802.11ax (HEW20)	SISO	2412	SU	/	1	5.48
		2437	SU	/	1	5.49
		2462	SU	/	1	4.77

#### 5.1.2 CSE

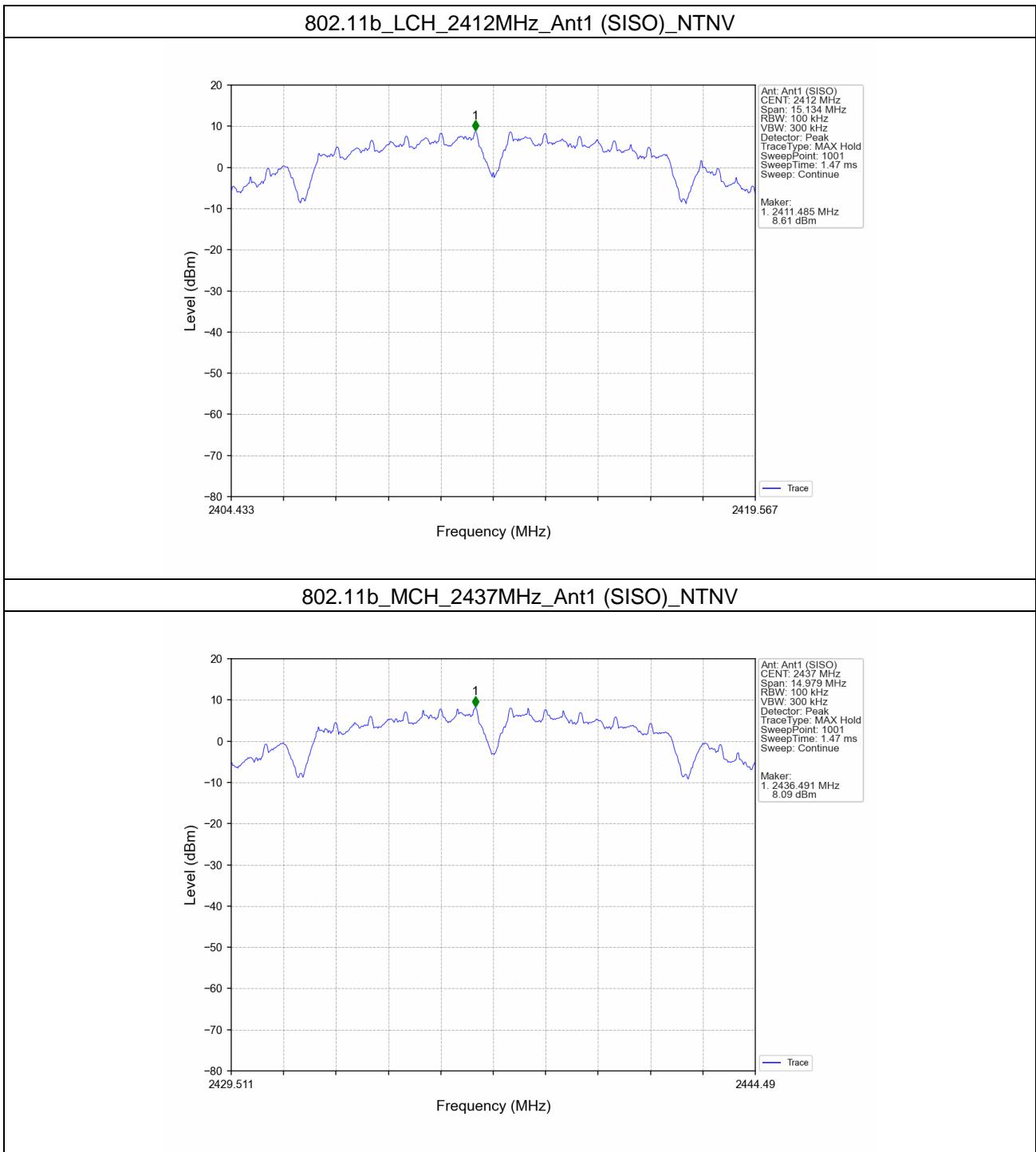
Mode	TX Type	Frequency (MHz)	RU	RU Pos	ANT	Level of Reference (dBm)	Limit (dBm)	Verdict
802.11b	SISO	2412	/	/	1	8.61	-21.39	Pass
		2437	/	/	1	8.61	-21.39	Pass
		2462	/	/	1	8.61	-21.39	Pass
802.11g	SISO	2412	/	/	1	5.81	-24.19	Pass
		2437	/	/	1	5.81	-24.19	Pass
		2462	/	/	1	5.81	-24.19	Pass
802.11n (HT20)	SISO	2412	/	/	1	5.95	-24.05	Pass
		2437	/	/	1	5.95	-24.05	Pass
		2462	/	/	1	5.95	-24.05	Pass
802.11ax (HEW20)	SISO	2412	SU	/	1	5.49	-24.51	Pass
		2437	SU	/	1	5.49	-24.51	Pass
		2462	SU	/	1	5.49	-24.51	Pass

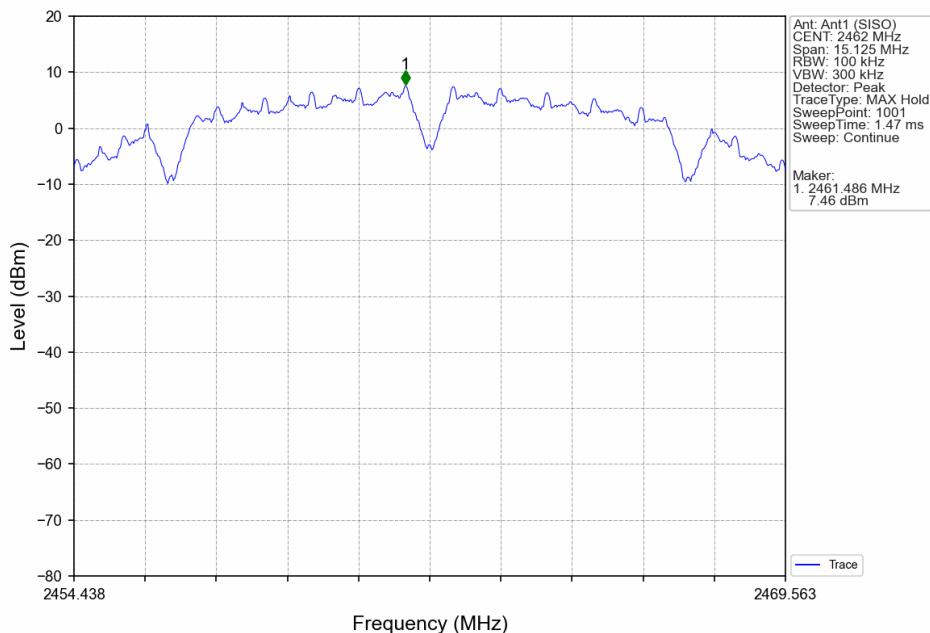
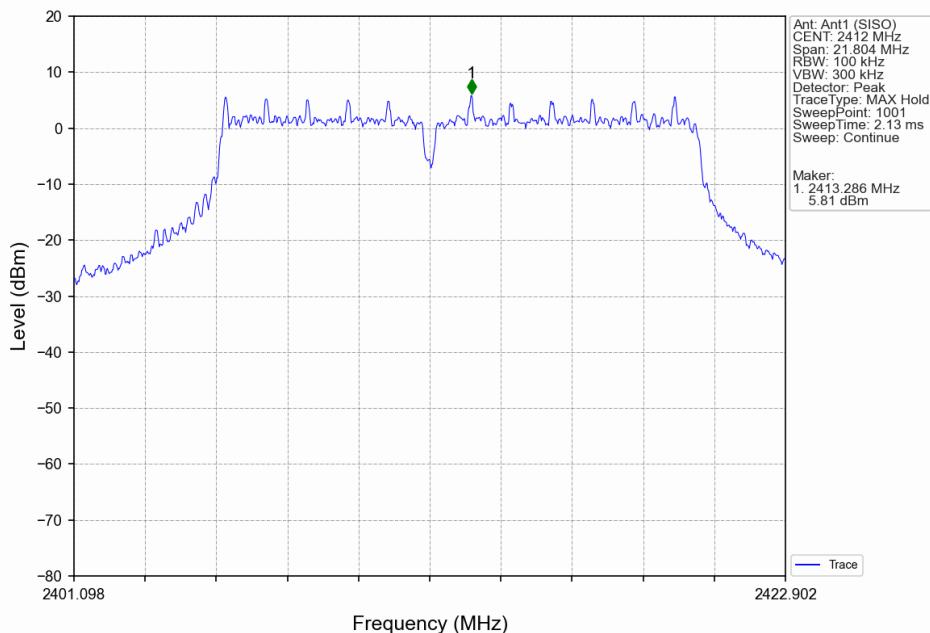
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## 5.2 Test Graph

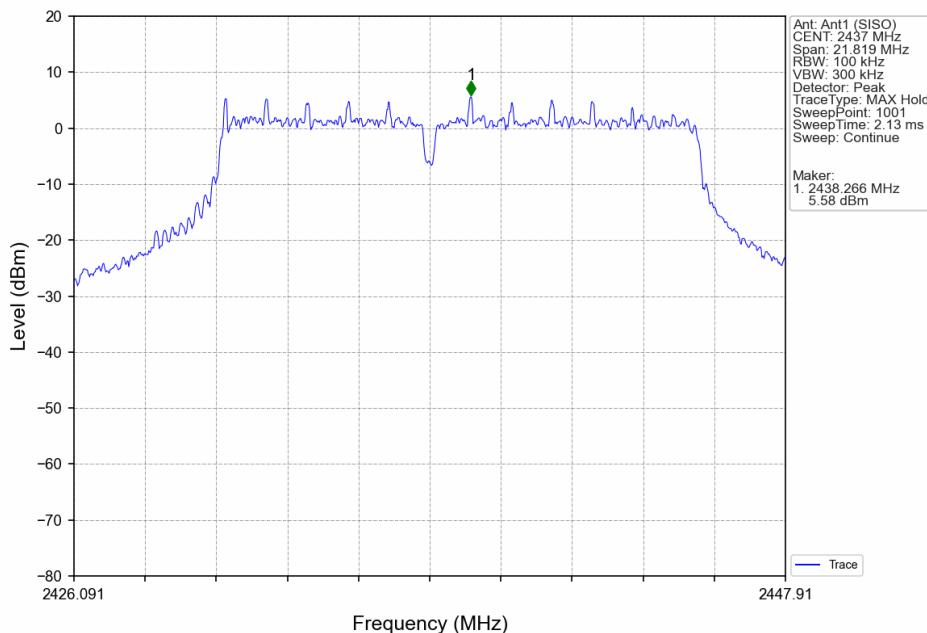
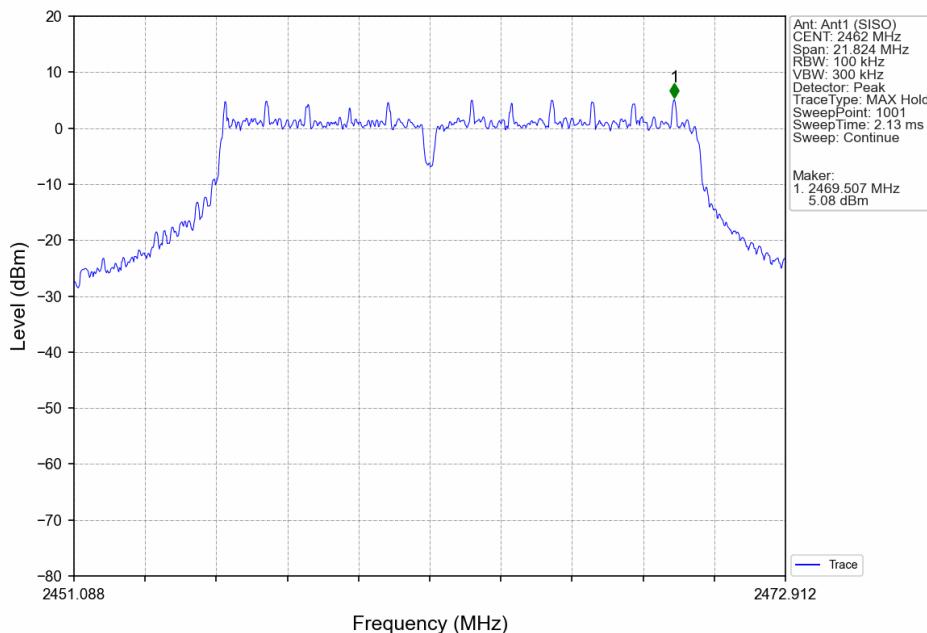
### 5.2.1 Ref



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

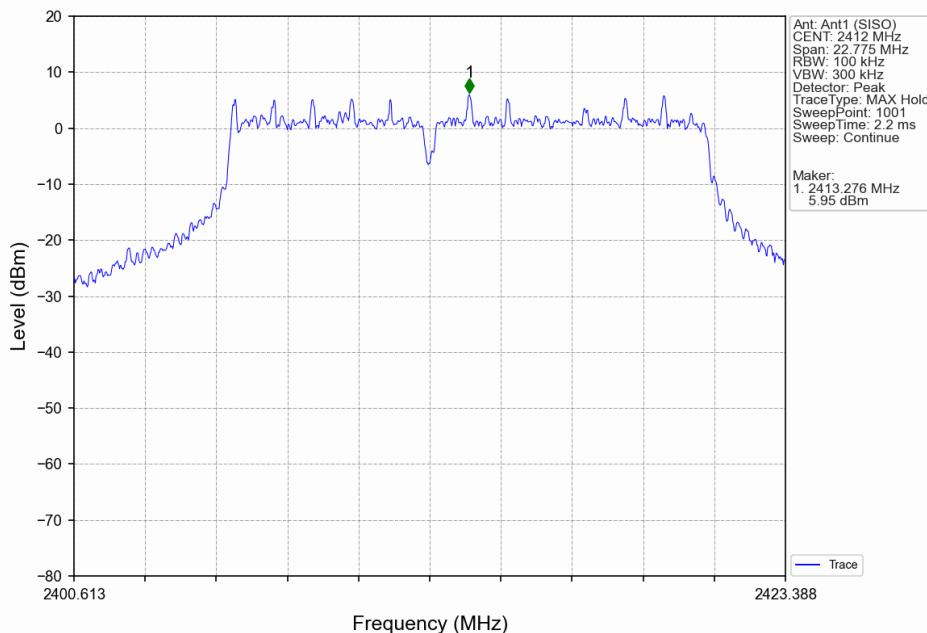
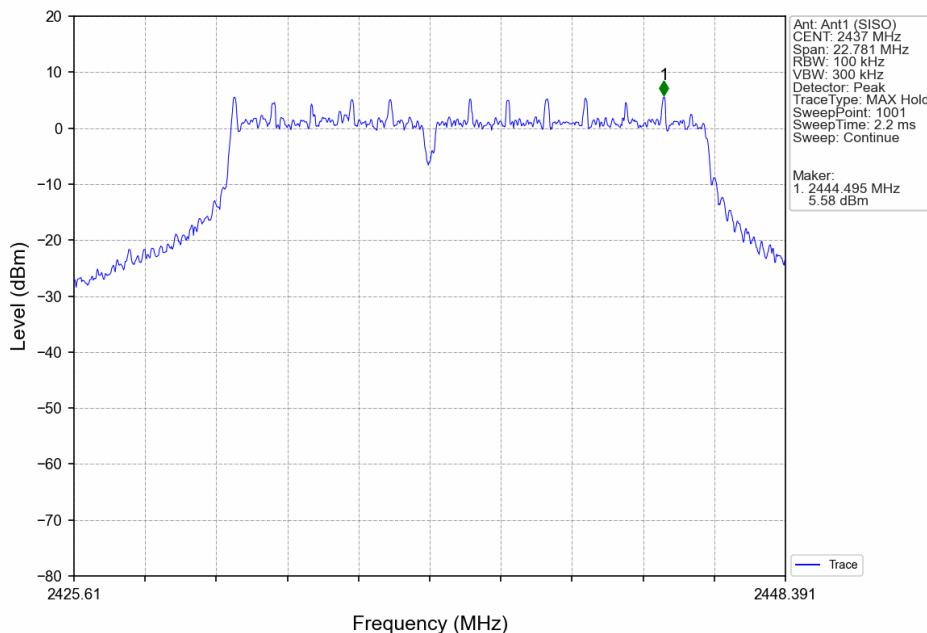
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**802.11g\_MCH\_2437MHz\_Ant1 (SISO)\_NTNV****802.11g\_HCH\_2462MHz\_Ant1 (SISO)\_NTNV**

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

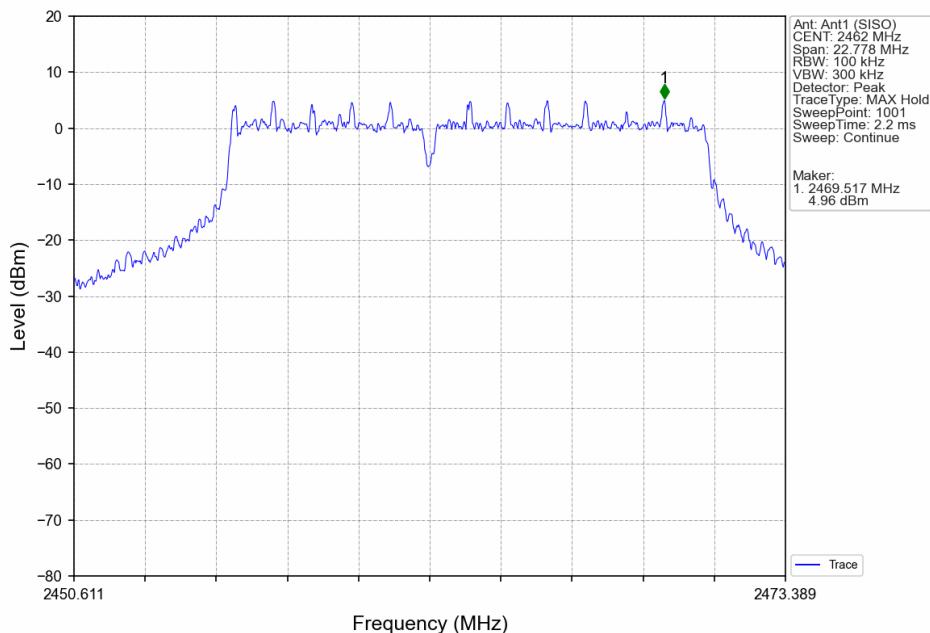
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Shenzhen Branch No. 10, Science & Technology Park, Nanshan District, Shenzhen, Guangdong, China 518057

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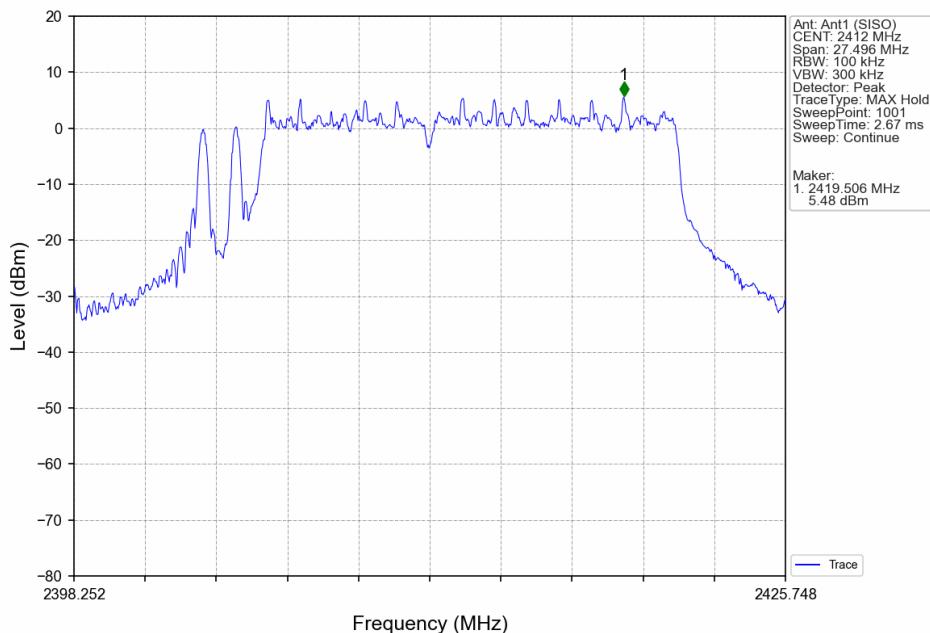
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### 802.11n(HT20)\_HCH\_2462MHz\_Ant1 (SISO)\_NTNV

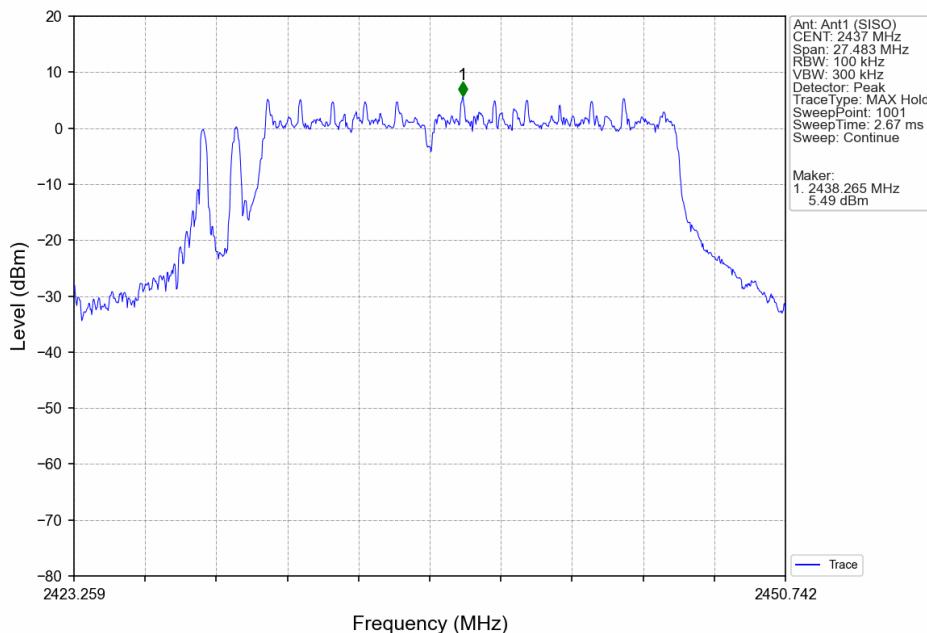
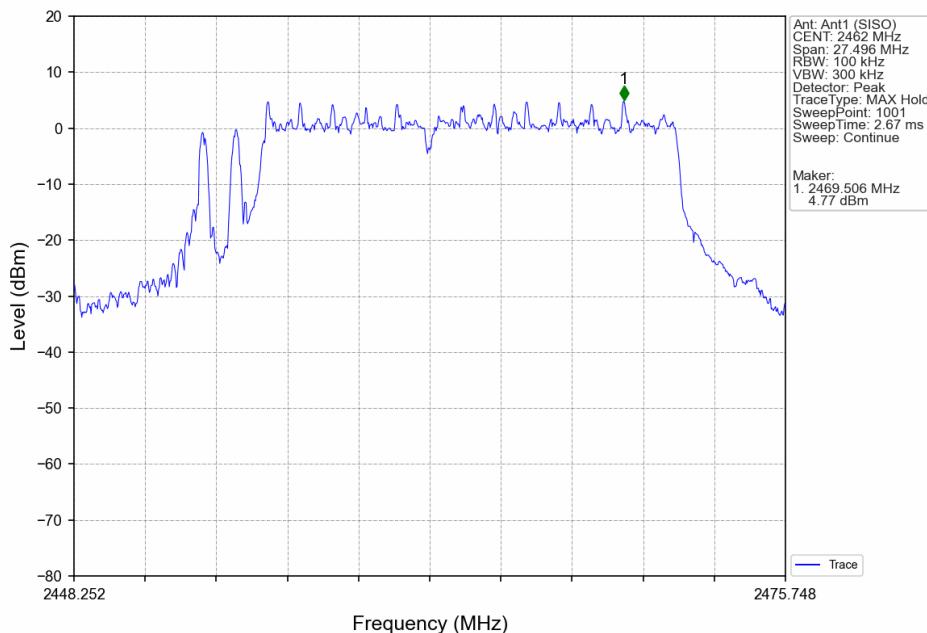


### 802.11ax(HEW20)\_LCH\_2412MHz\_SU\_ / \_Ant1 (SISO)\_NTNV



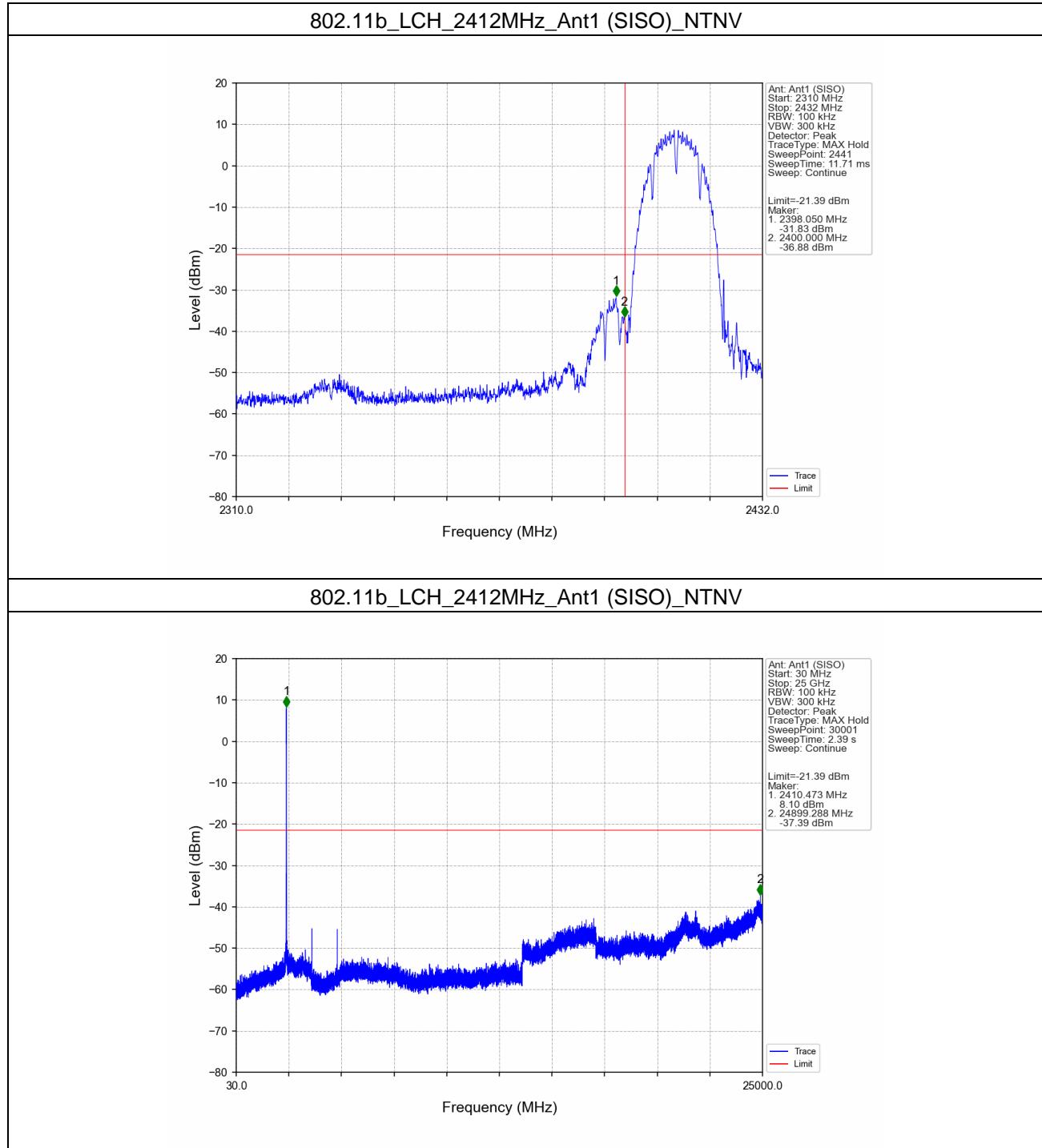
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**802.11ax(HEW20)\_MCH\_2437MHz\_SU\_ / \_Ant1 (SISO)\_NTNV****802.11ax(HEW20)\_HCH\_2462MHz\_SU\_ / \_Ant1 (SISO)\_NTNV**

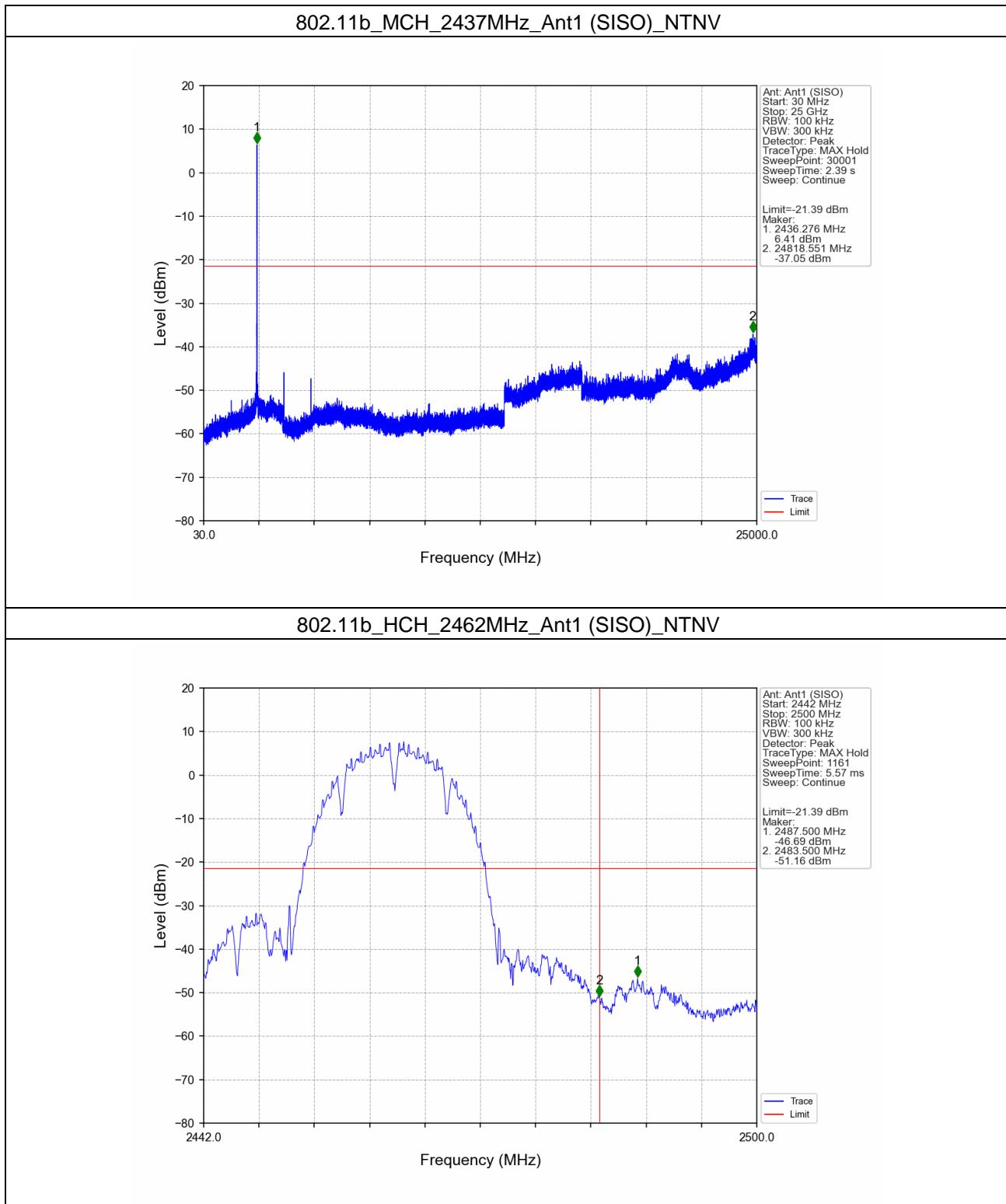
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**5.2.2 CSE**

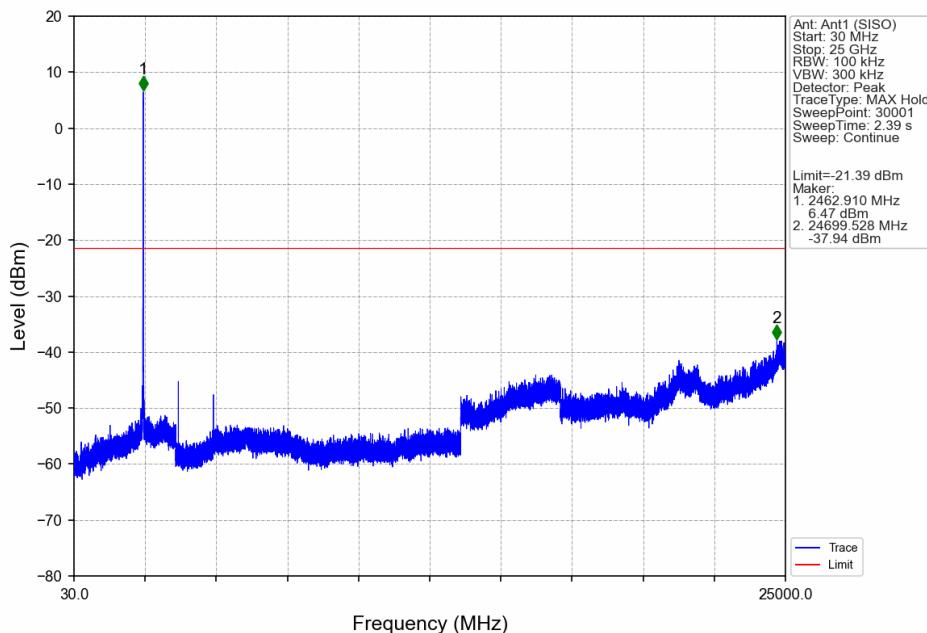
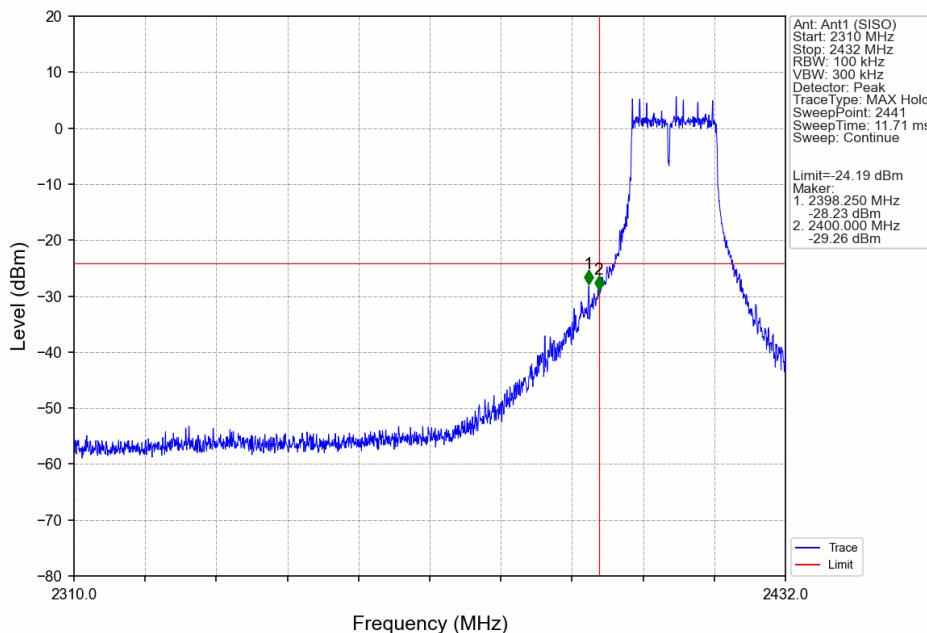
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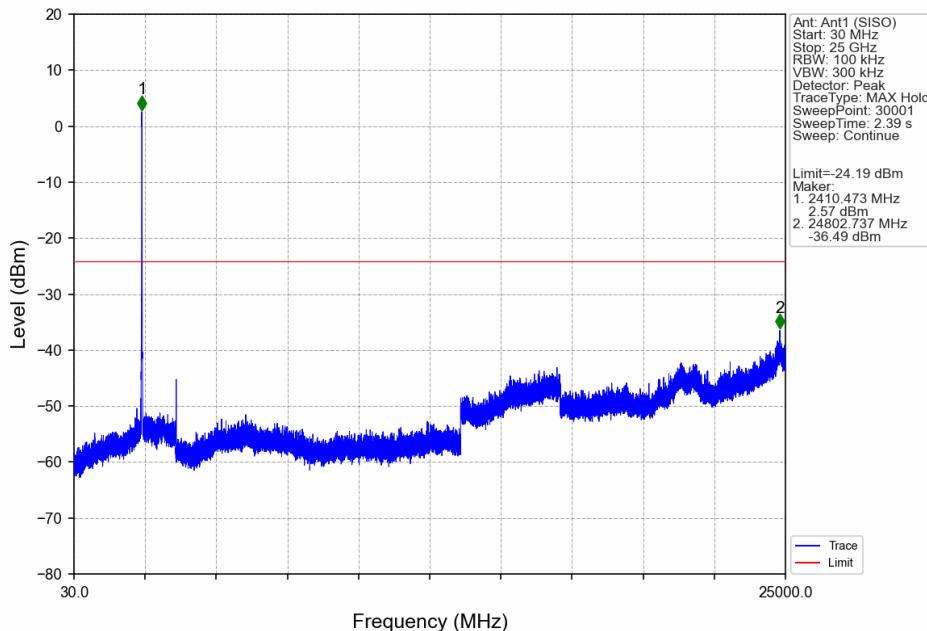
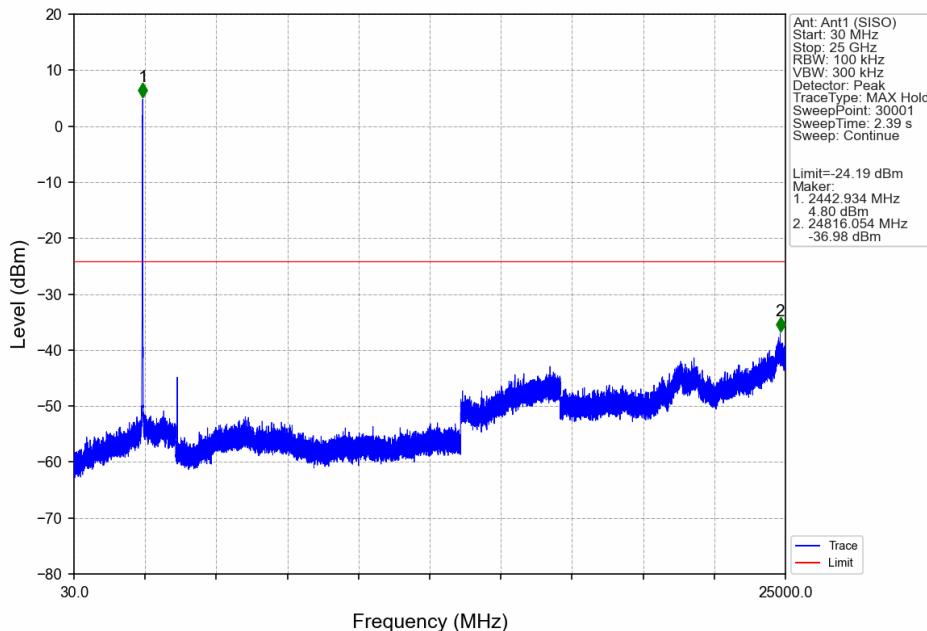
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**802.11b\_HCH\_2462MHz\_Ant1 (SISO)\_NTNV****802.11g\_LCH\_2412MHz\_Ant1 (SISO)\_NTNV**

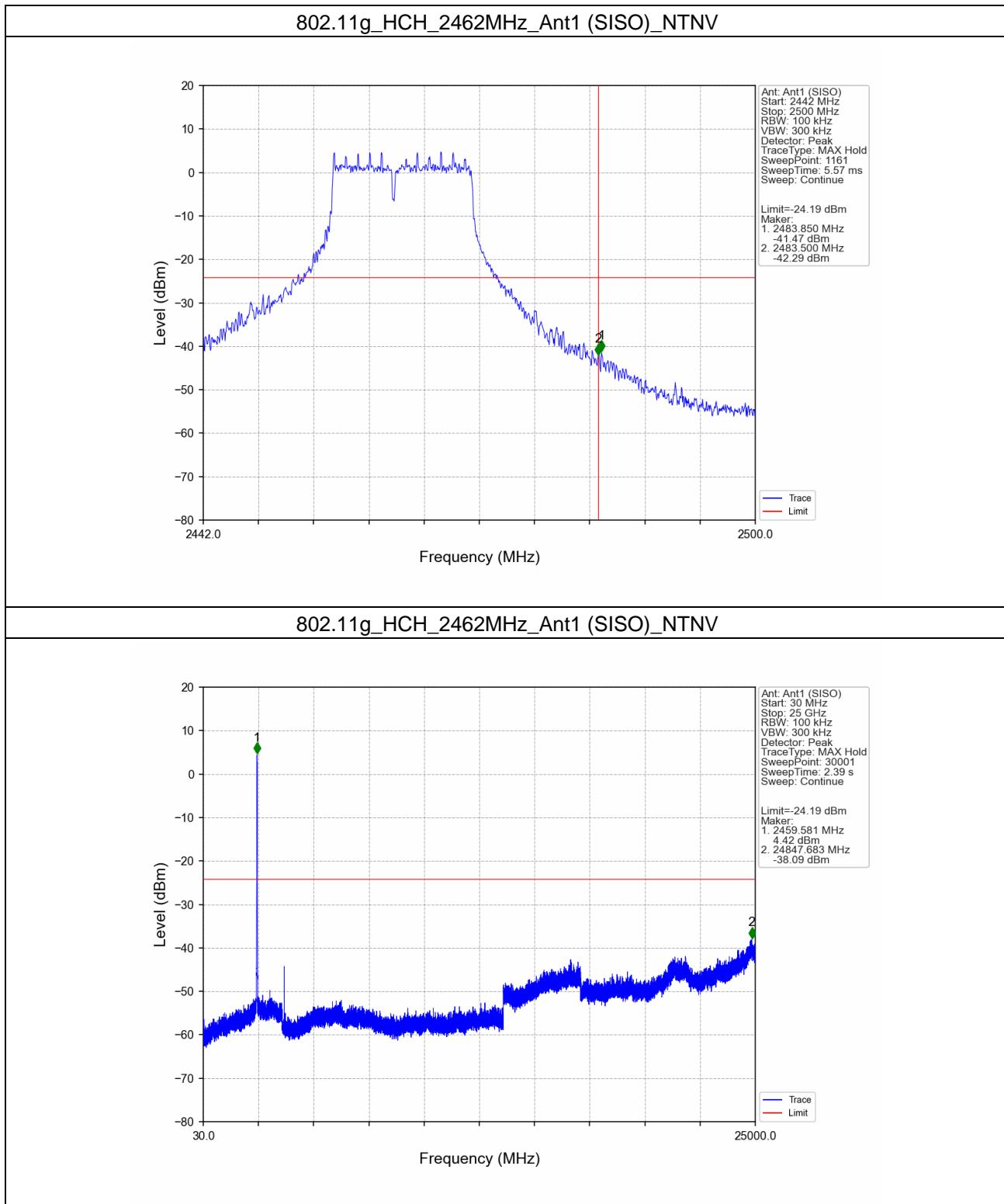
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**802.11g\_LCH\_2412MHz\_Ant1 (SISO)\_NTNV****802.11g\_MCH\_2437MHz\_Ant1 (SISO)\_NTNV**

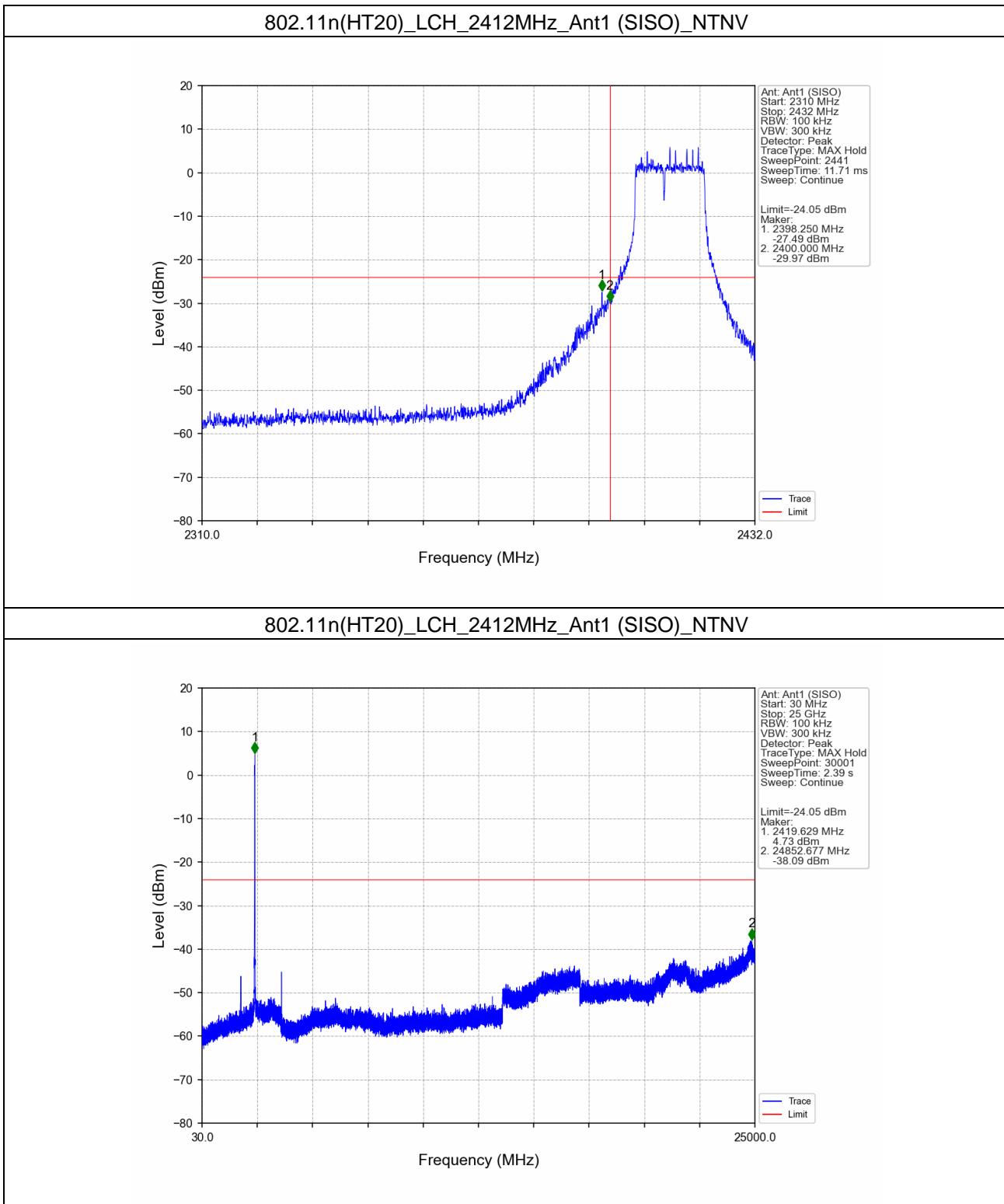
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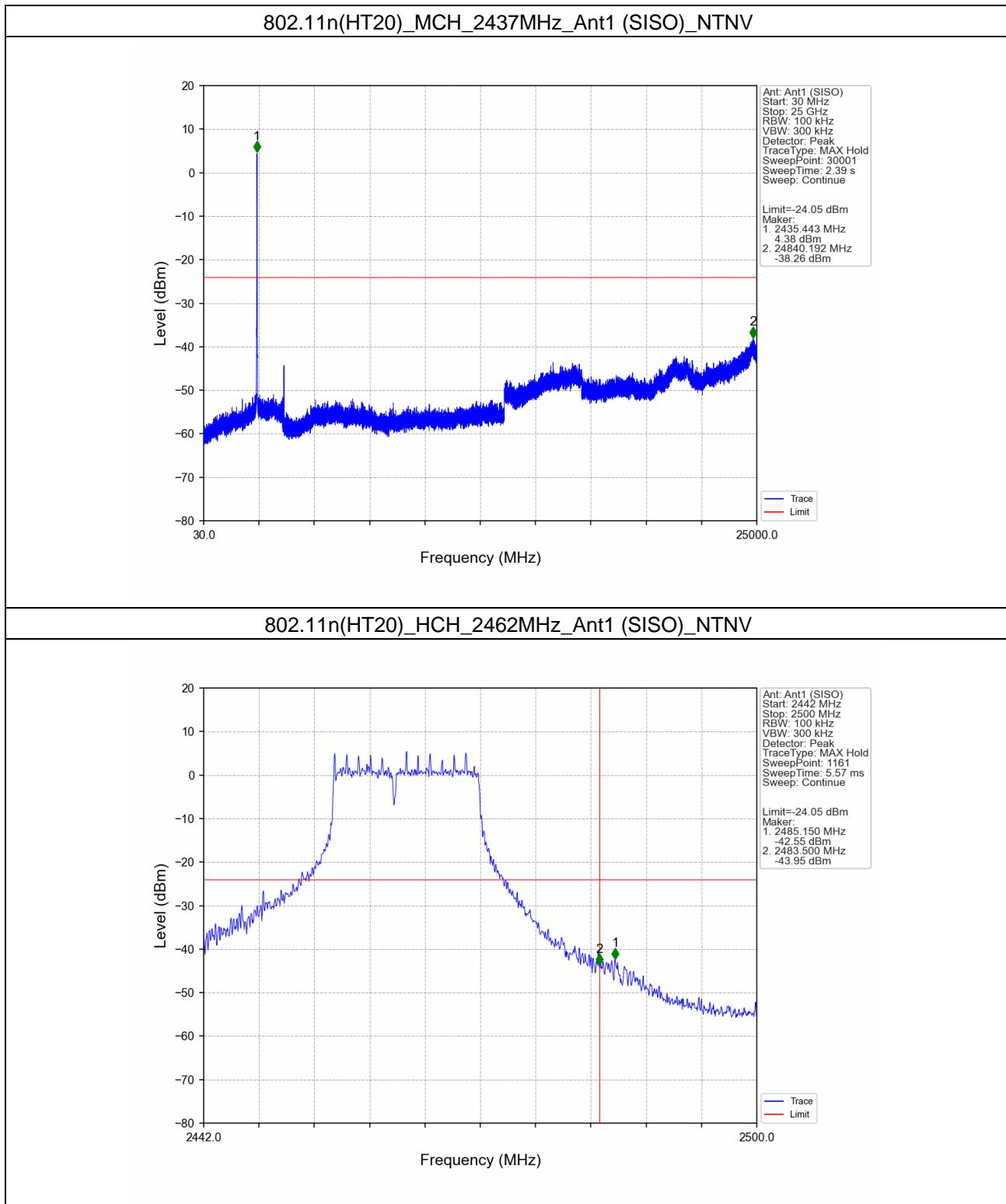
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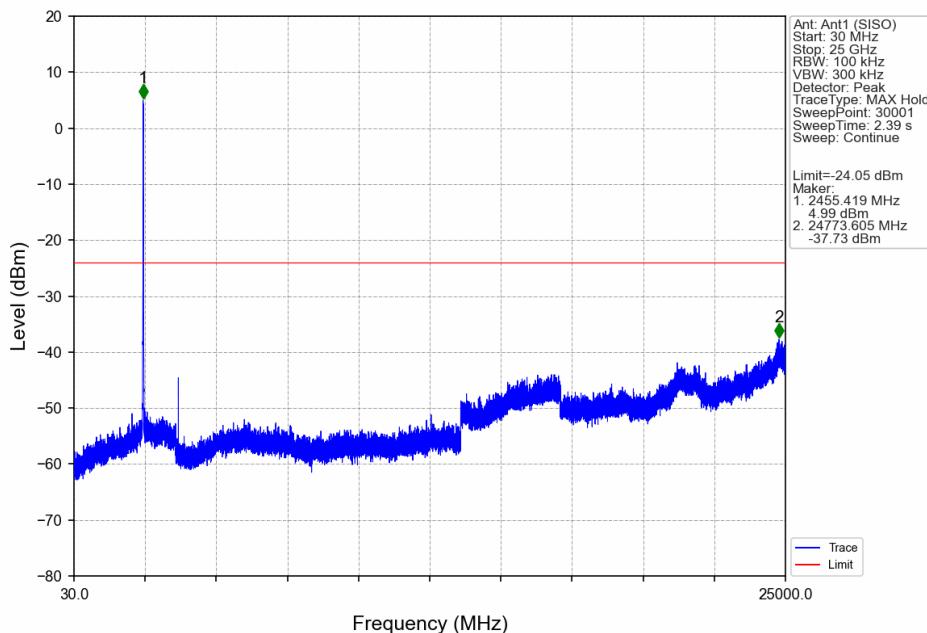
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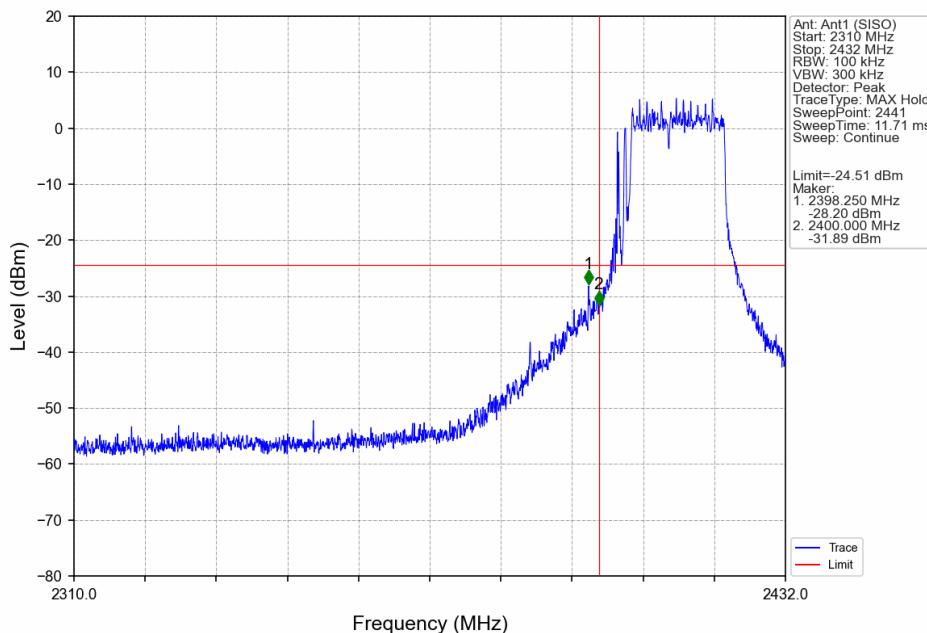


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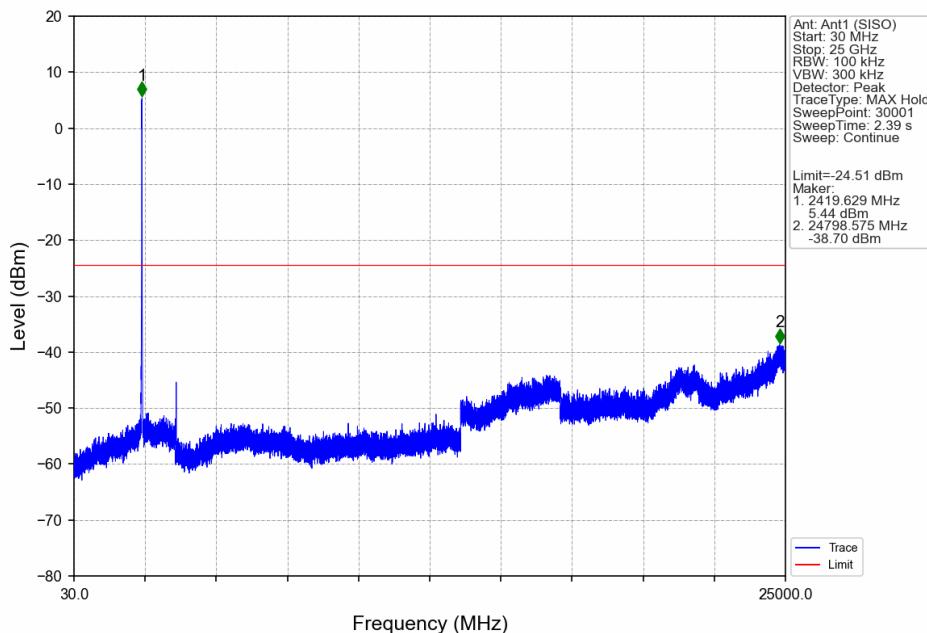
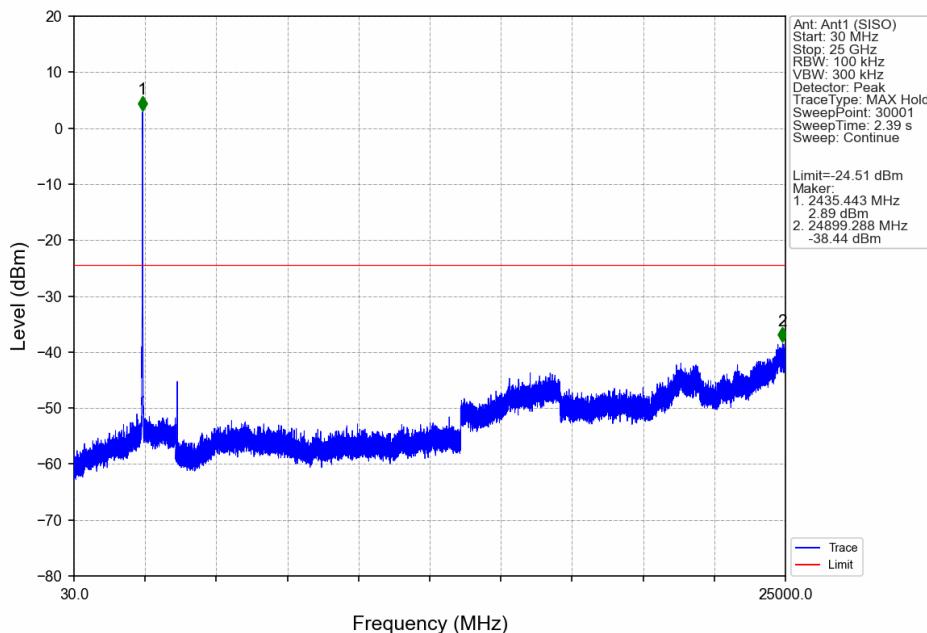


### 802.11ax(HEW20)\_LCH\_2412MHz\_SU\_ / \_Ant1 (SISO)\_NTNV



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**802.11ax(HEW20)\_LCH\_2412MHz\_SU\_ / \_Ant1 (SISO)\_NTNV****802.11ax(HEW20)\_MCH\_2437MHz\_SU\_ / \_Ant1 (SISO)\_NTNV**

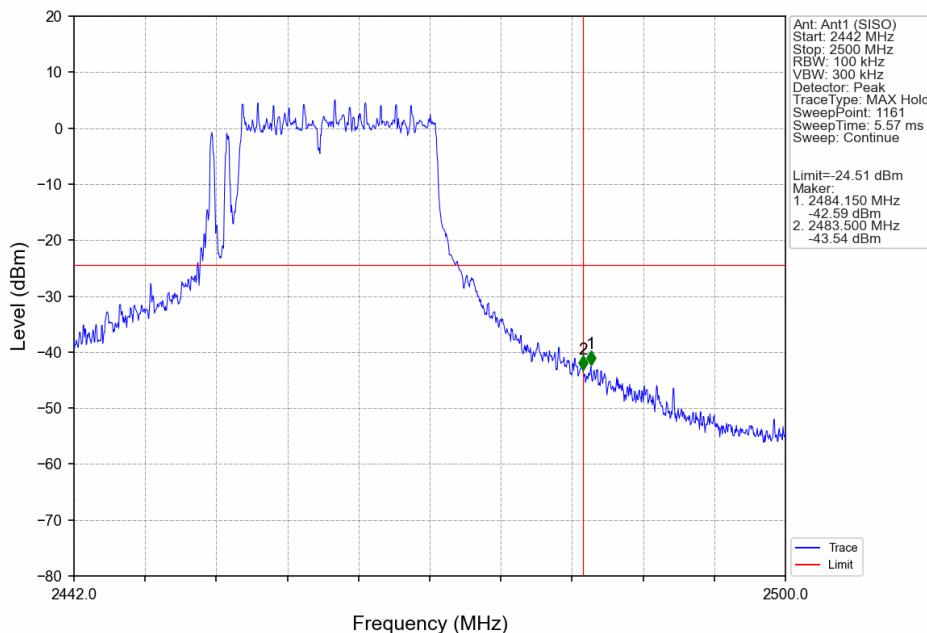
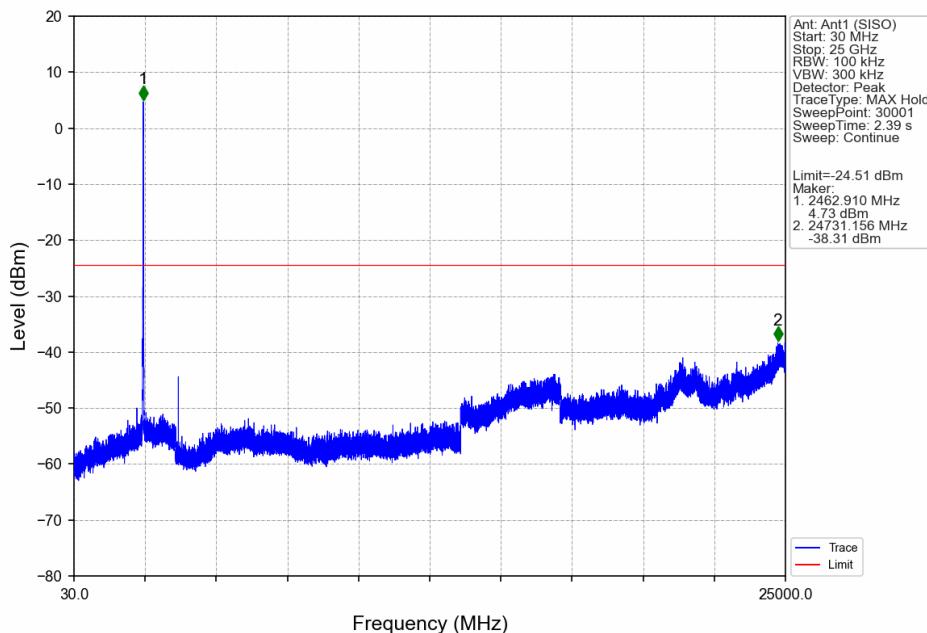
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**802.11ax(HEW20)\_HCH\_2462MHz\_SU\_ / \_Ant1 (SISO)\_NTNV****802.11ax(HEW20)\_HCH\_2462MHz\_SU\_ / \_Ant1 (SISO)\_NTNV****- End of the Report -**

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