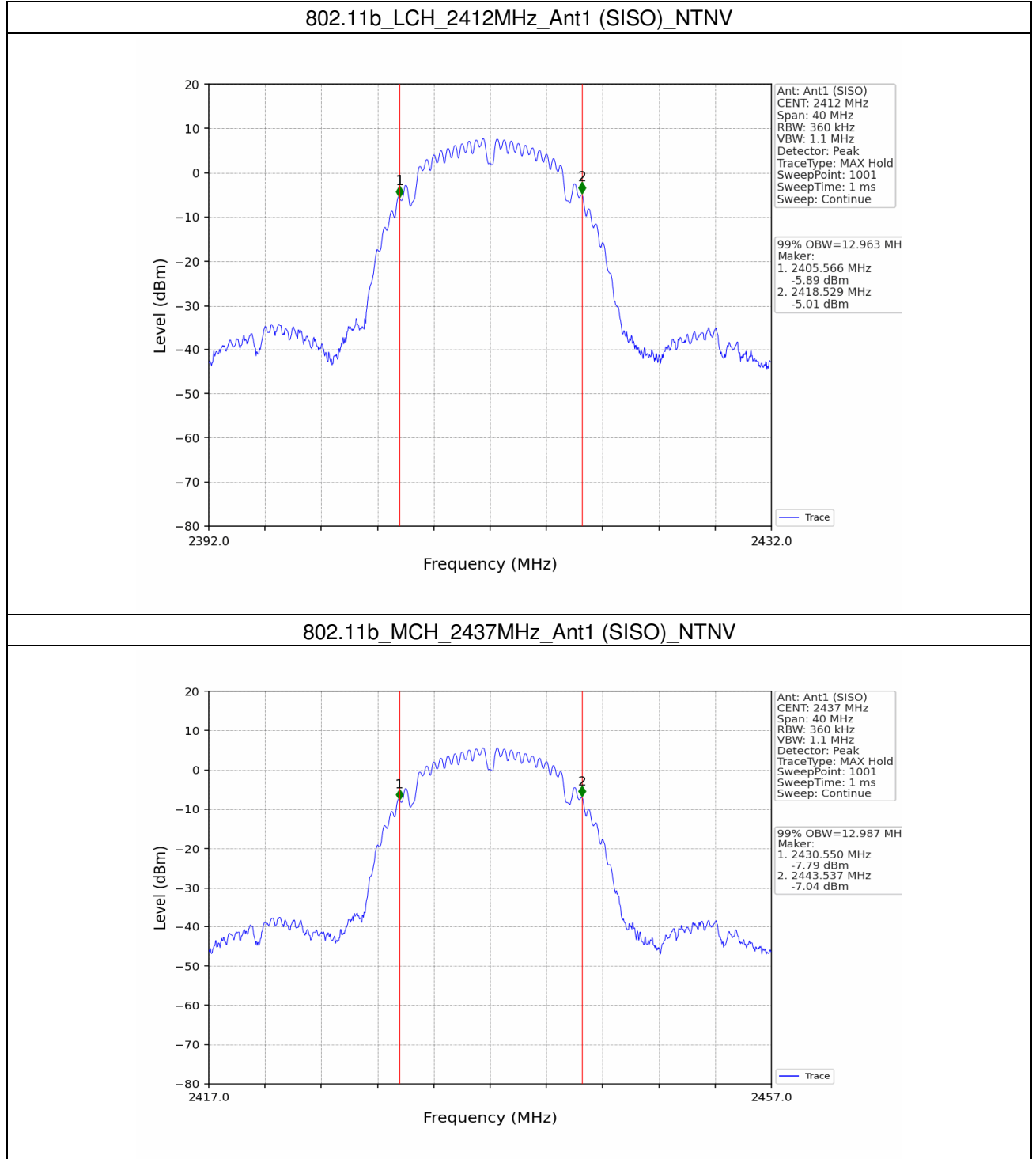
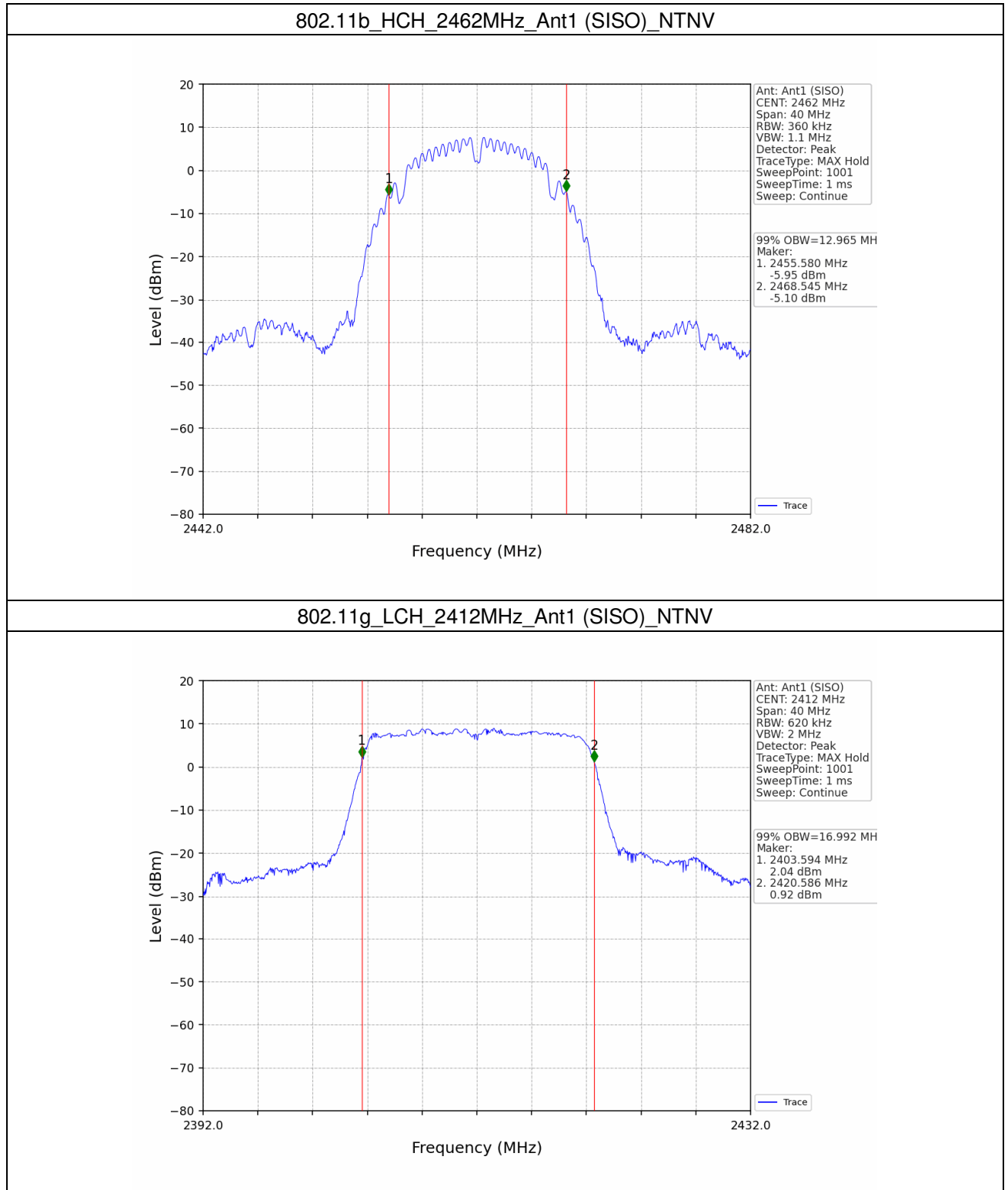


### 2.1.2 Test Graph



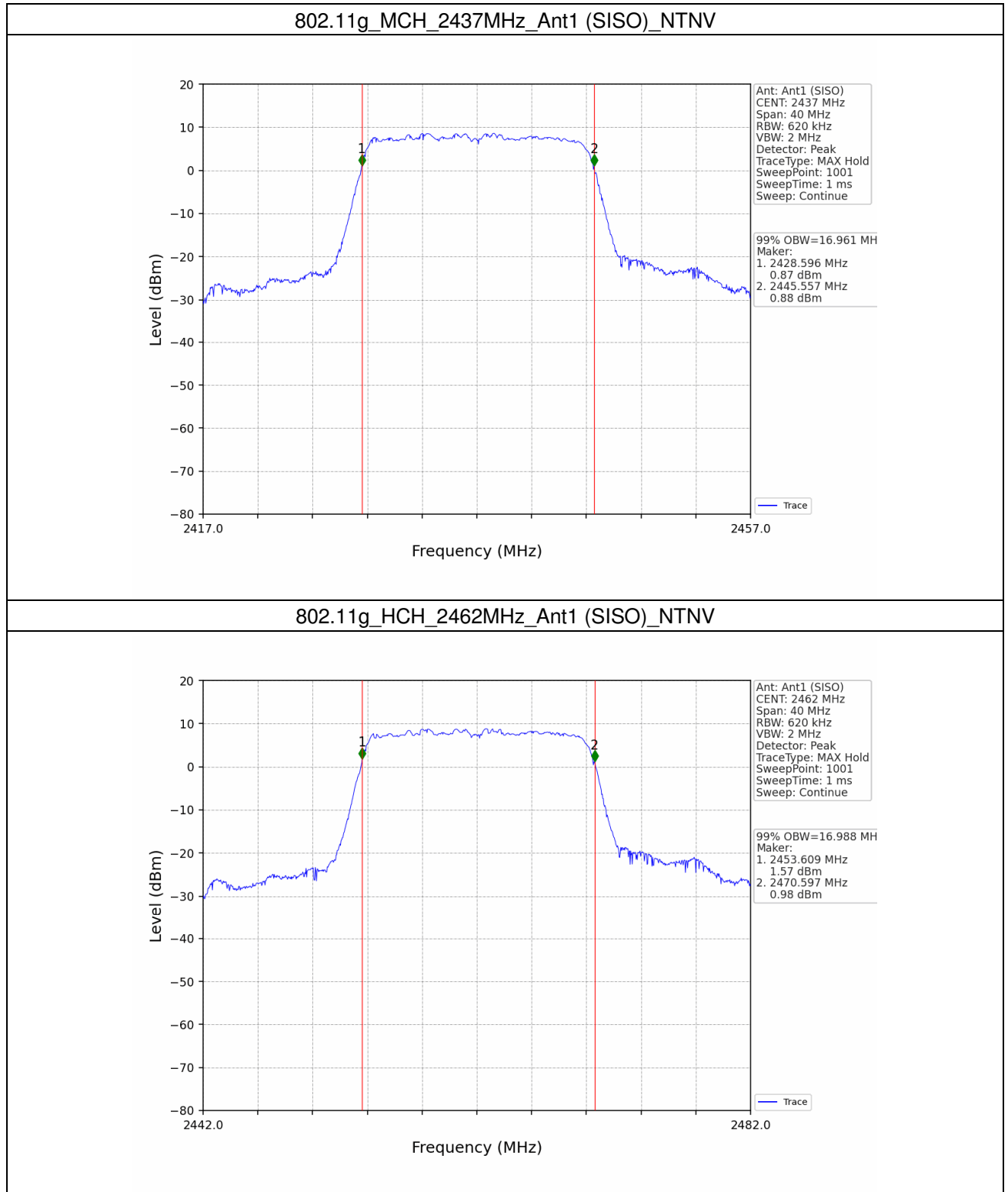
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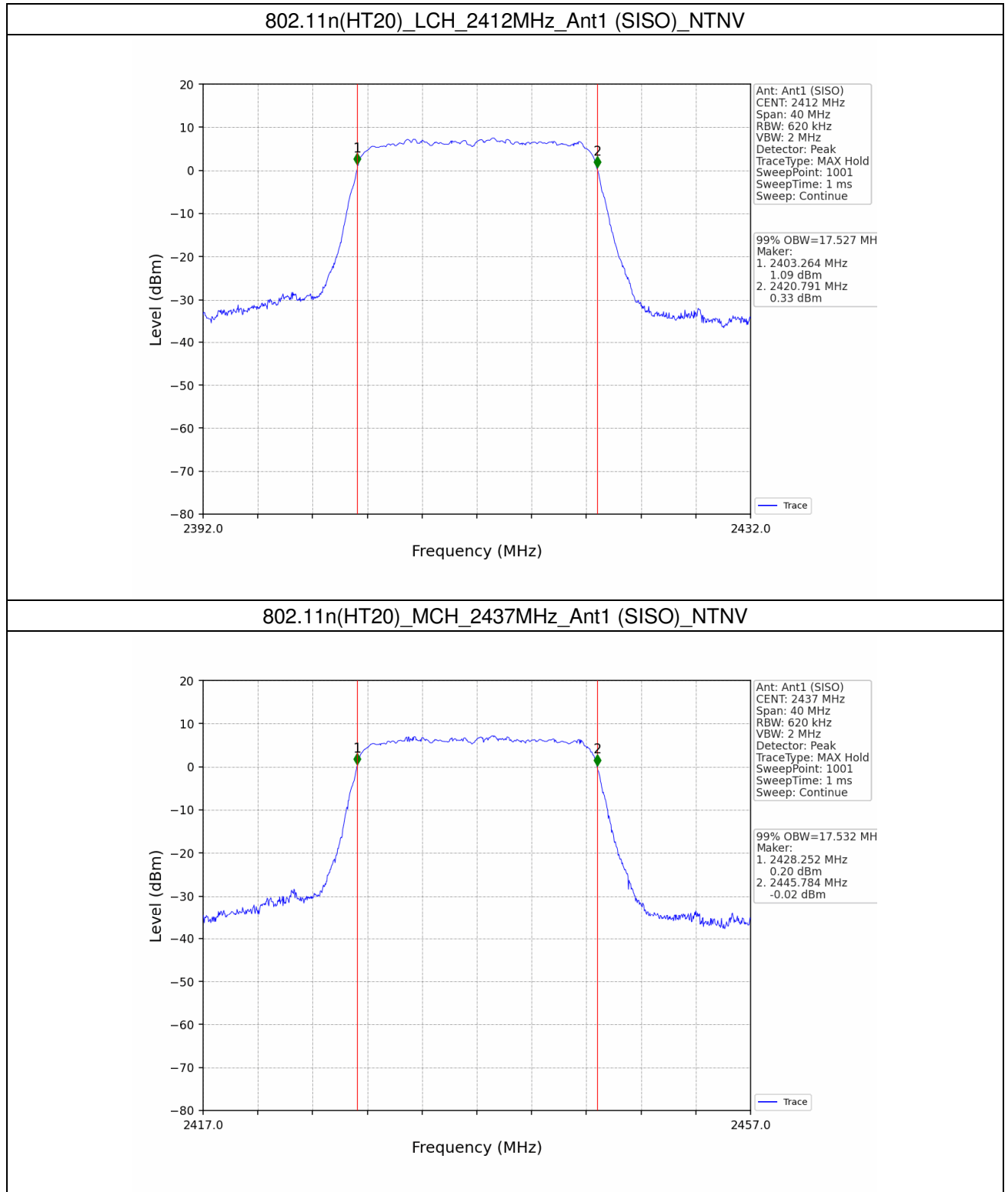


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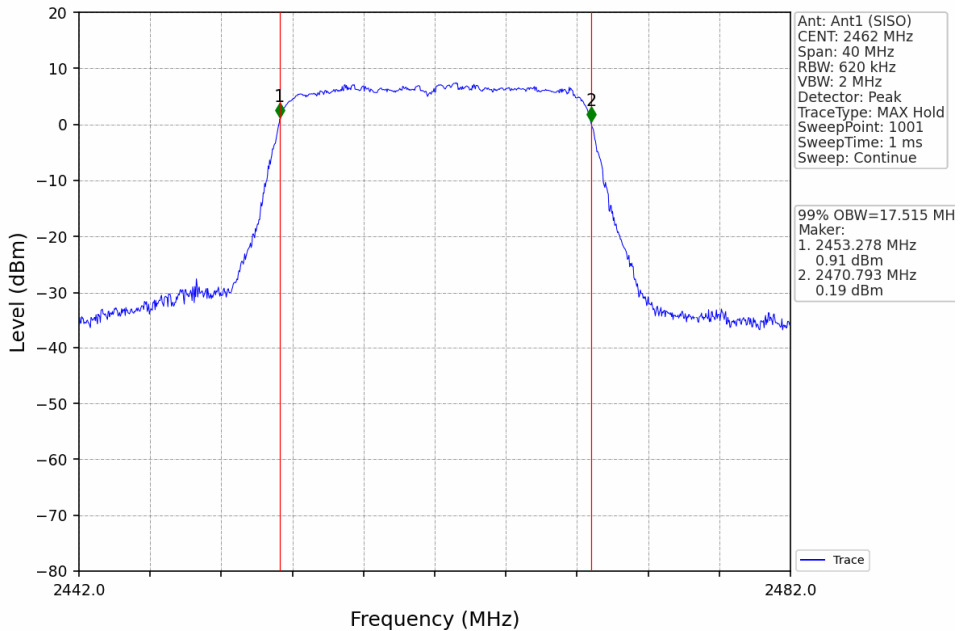


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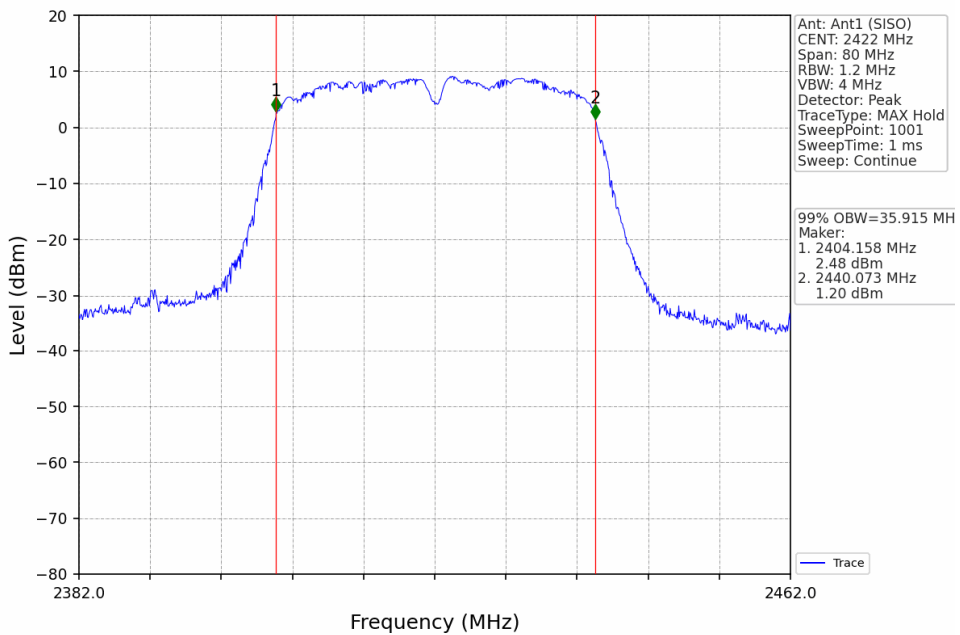


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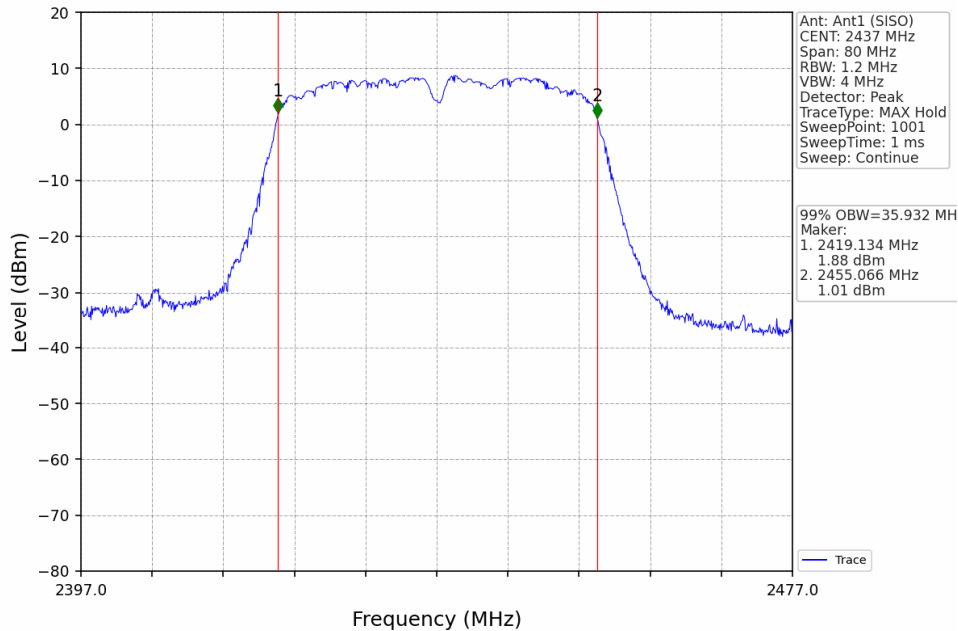
802.11n(HT20)\_HCH\_2462MHz\_Ant1 (SISO)\_NTNV



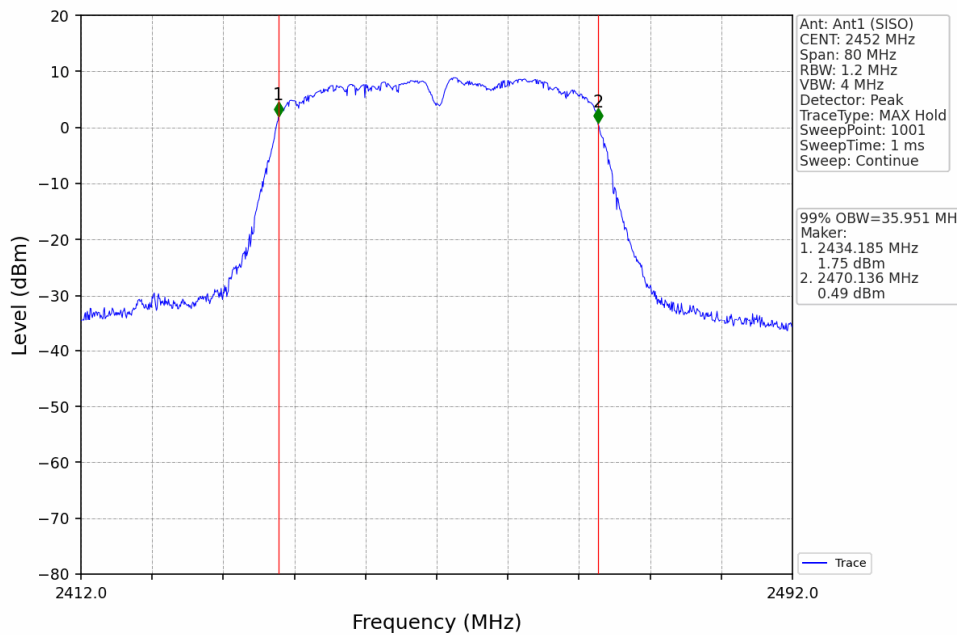
802.11n(HT40)\_LCH\_2422MHz\_Ant1 (SISO)\_NTNV



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



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



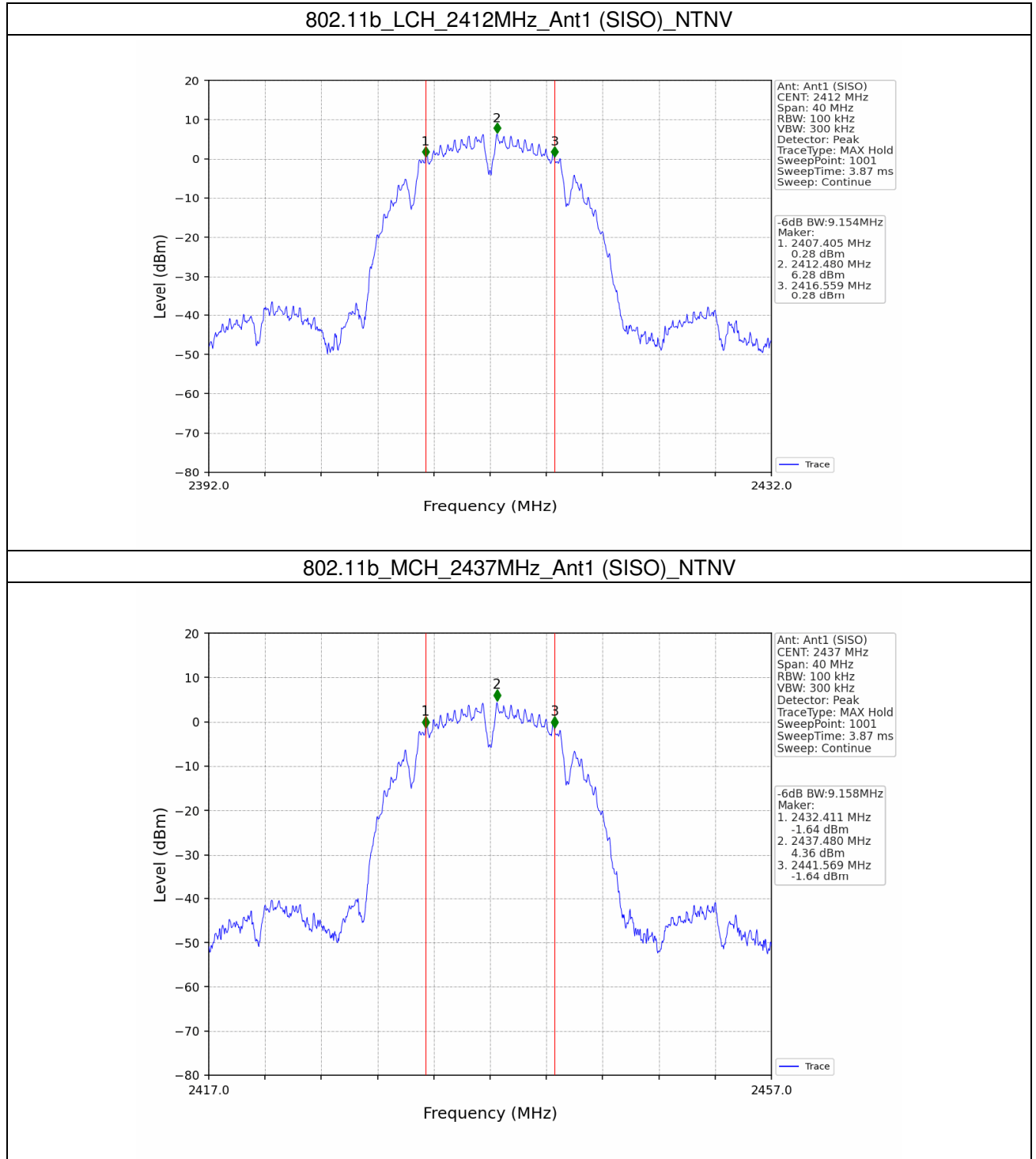
## 2.2 6dB BW

### 2.2.1 Test Result

Mode	TX Type	Frequency (MHz)	ANT	6dB Bandwidth (MHz)		Verdict
				Result	Limit	
802.11b	SISO	2412	1	9.154	>=0.5	Pass
		2437	1	9.158	>=0.5	Pass
		2462	1	9.157	>=0.5	Pass
802.11g	SISO	2412	1	16.067	>=0.5	Pass
		2437	1	16.080	>=0.5	Pass
		2462	1	16.090	>=0.5	Pass
802.11n (HT20)	SISO	2412	1	16.170	>=0.5	Pass
		2437	1	15.522	>=0.5	Pass
		2462	1	15.684	>=0.5	Pass
802.11n (HT40)	SISO	2422	1	35.128	>=0.5	Pass
		2437	1	35.128	>=0.5	Pass
		2452	1	35.071	>=0.5	Pass

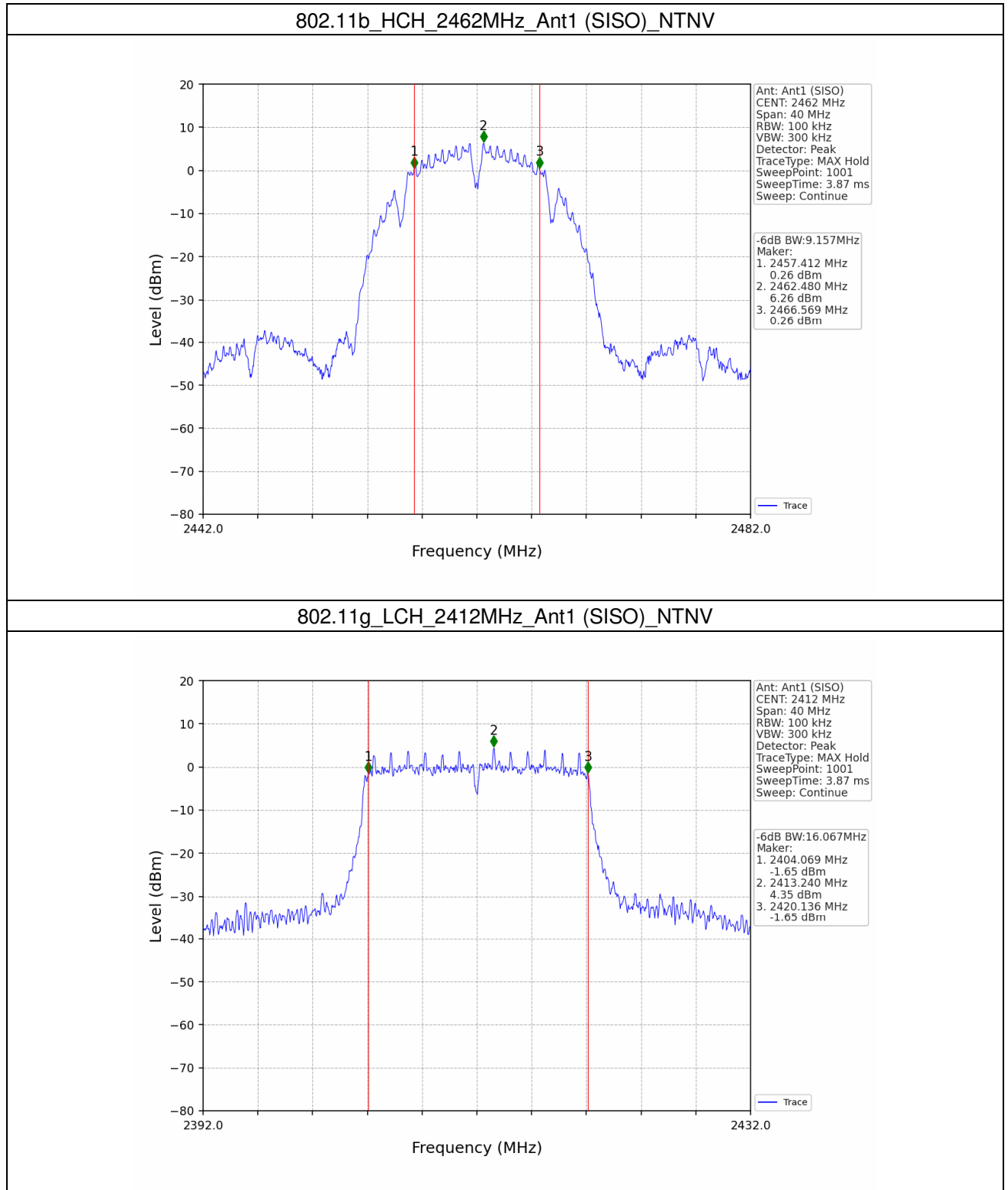


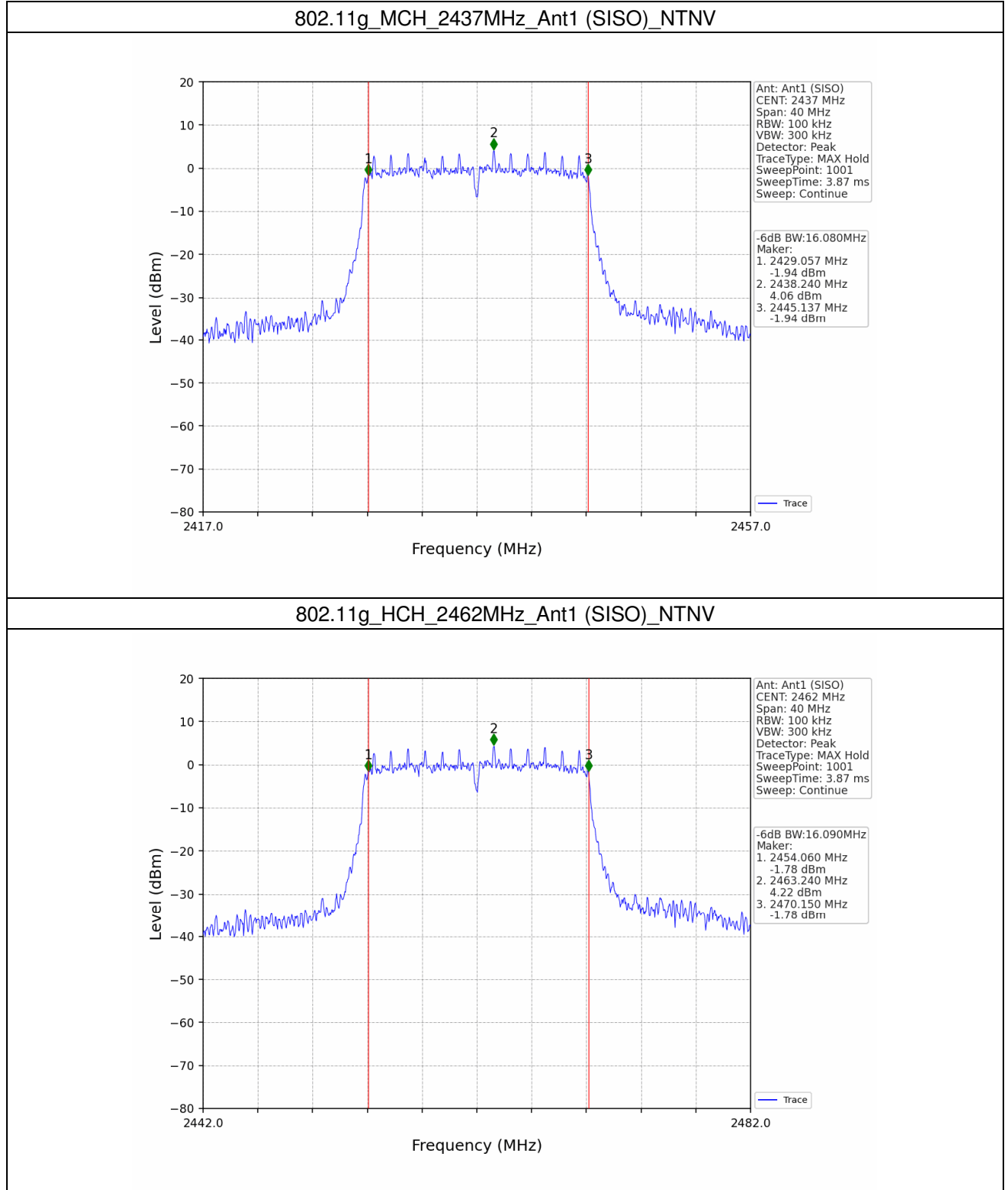
### 2.2.2 Test Graph



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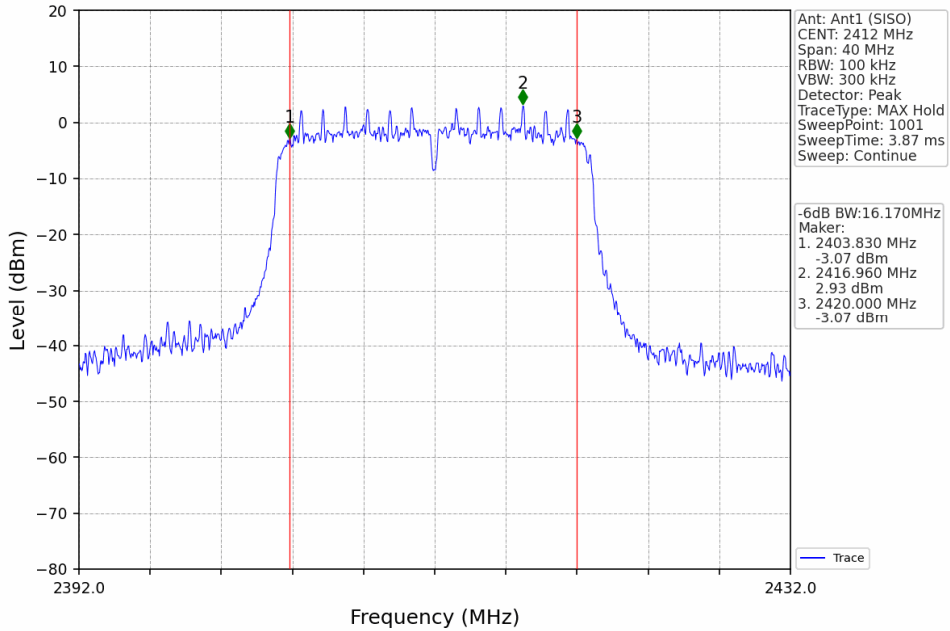




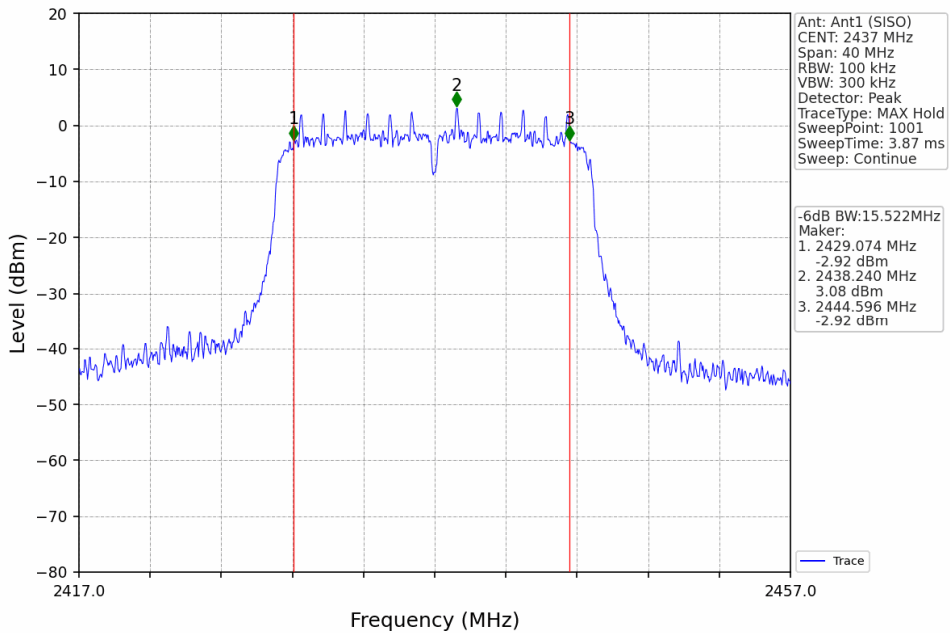


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802.11n(HT20)\_LCH\_2412MHz\_Ant1 (SISO)\_NTNV

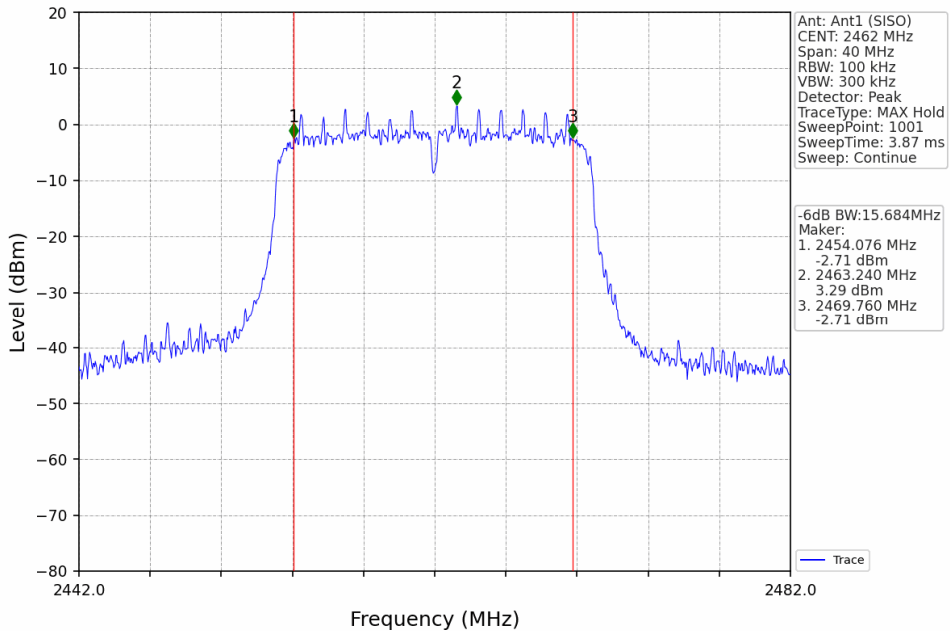


802.11n(HT20)\_MCH\_2437MHz\_Ant1 (SISO)\_NTNV

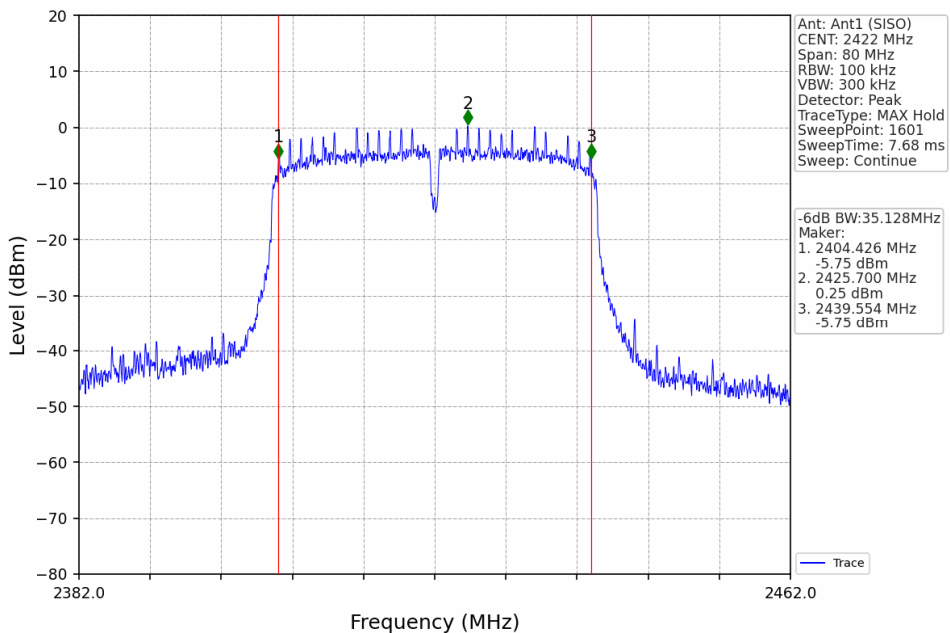


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802.11n(HT20)\_HCH\_2462MHz\_Ant1 (SISO)\_NTNV

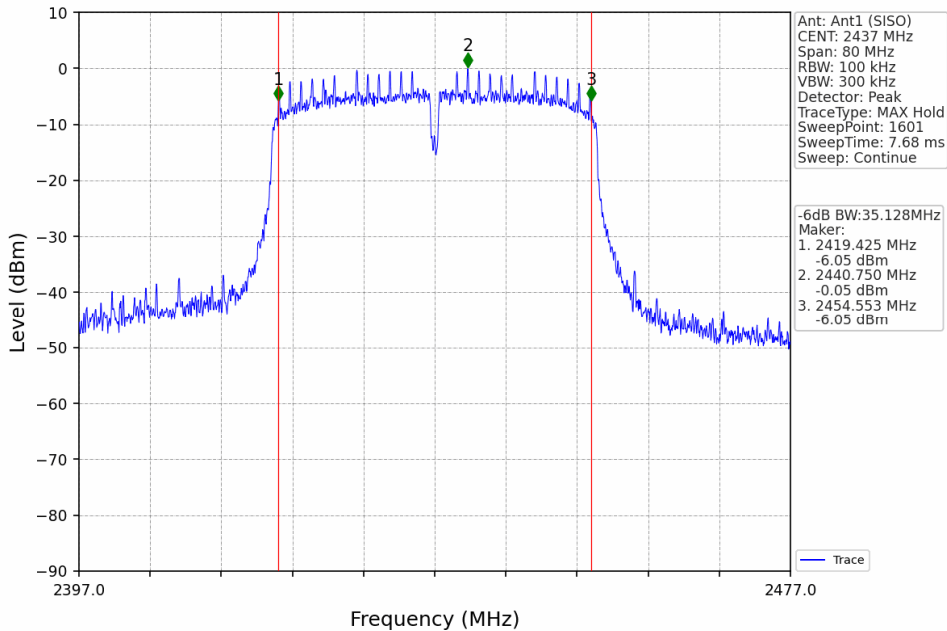


802.11n(HT40)\_LCH\_2422MHz\_Ant1 (SISO)\_NTNV

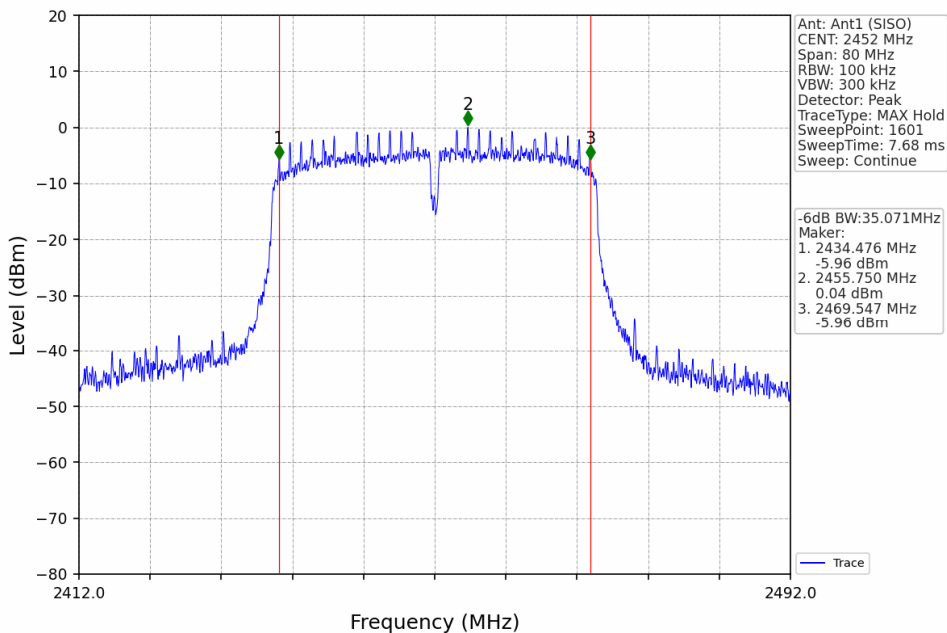


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802.11n(HT40)\_MCH\_2437MHz\_Ant1 (SISO)\_NTNV



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



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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	15.74	<=30	Pass
		2437	15.15	<=30	Pass
		2462	15.69	<=30	Pass
802.11g	SISO	2412	14.89	<=30	Pass
		2437	14.63	<=30	Pass
		2462	15.29	<=30	Pass
802.11n (HT20)	SISO	2412	14.06	<=30	Pass
		2437	13.38	<=30	Pass
		2462	13.47	<=30	Pass
802.11n (HT40)	SISO	2422	13.56	<=30	Pass
		2437	13.00	<=30	Pass
		2452	13.04	<=30	Pass



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## 4. Maximum Power Spectral Density

### 4.1 PSD

#### 4.1.1 Test Result

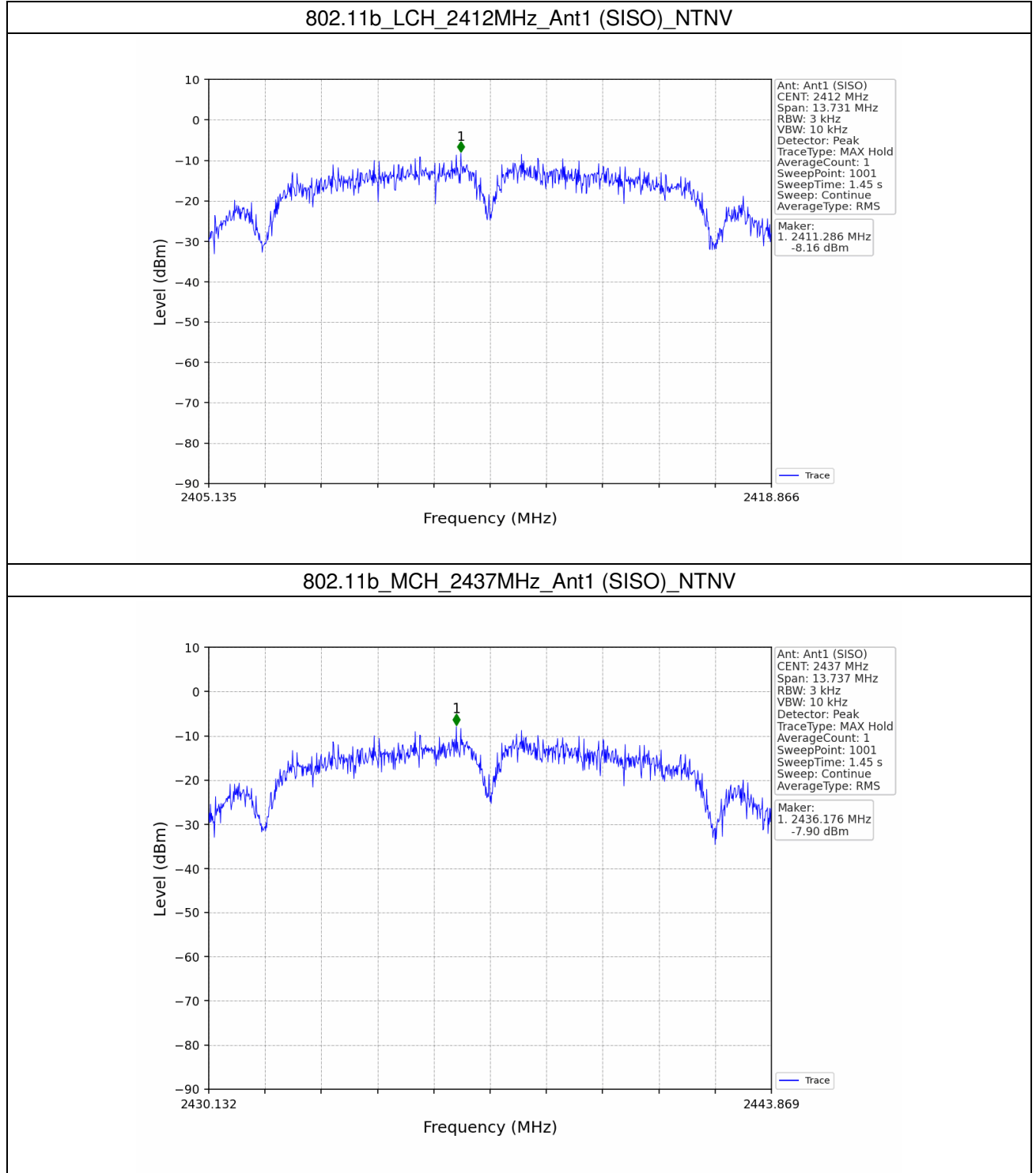
Mode	TX Type	Frequency (MHz)	Maximum PSD (dBm/3kHz)		Verdict
			ANT1	Limit	
802.11b	SISO	2412	-8.16	<=8	Pass
		2437	-7.90	<=8	Pass
		2462	-7.72	<=8	Pass
802.11g	SISO	2412	-11.09	<=8	Pass
		2437	-11.52	<=8	Pass
		2462	-11.07	<=8	Pass
802.11n (HT20)	SISO	2412	-11.75	<=8	Pass
		2437	-12.55	<=8	Pass
		2462	-11.84	<=8	Pass
802.11n (HT40)	SISO	2422	-15.24	<=8	Pass
		2437	-13.61	<=8	Pass
		2452	-13.79	<=8	Pass



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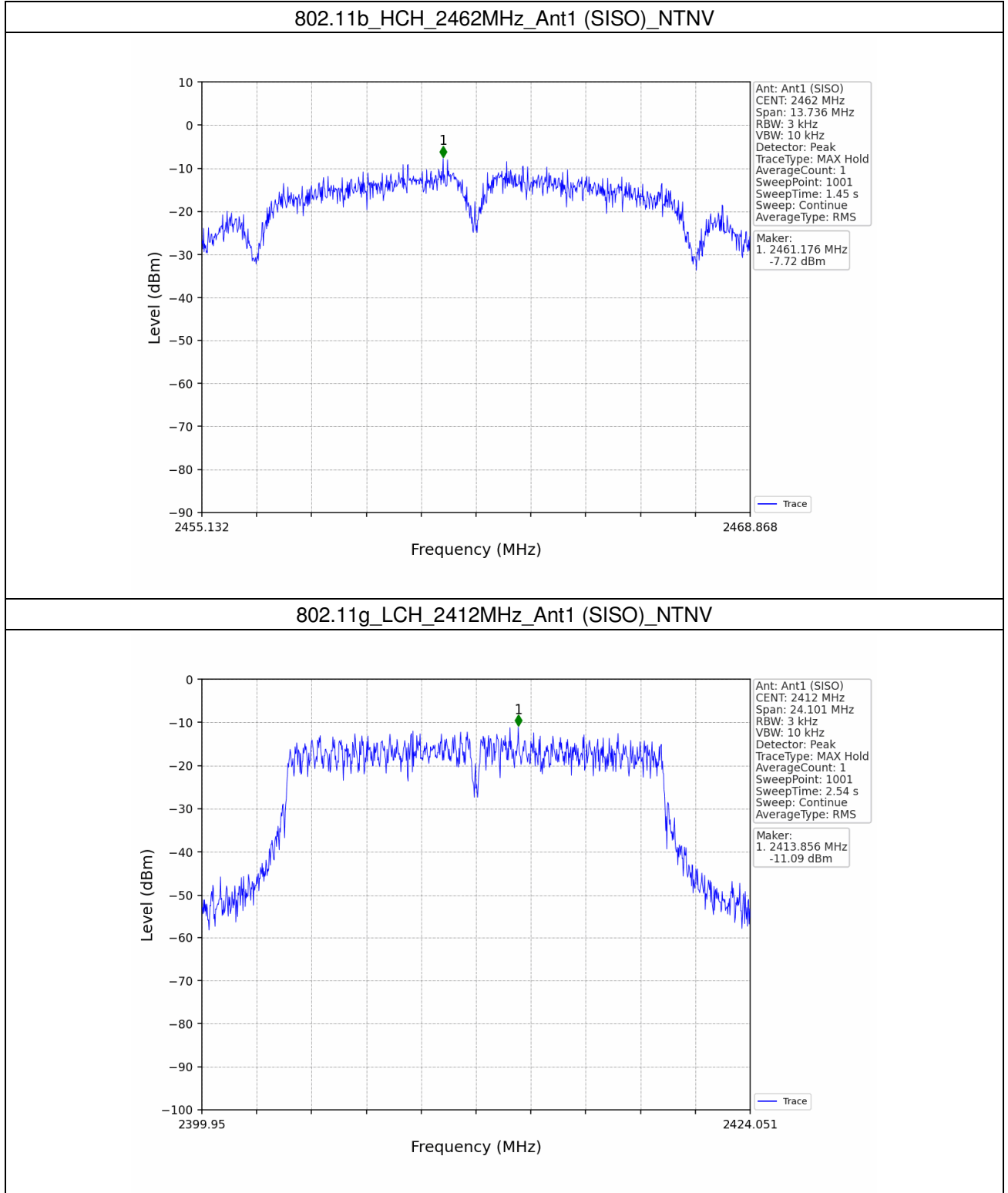
### 4.1.2 Test Graph



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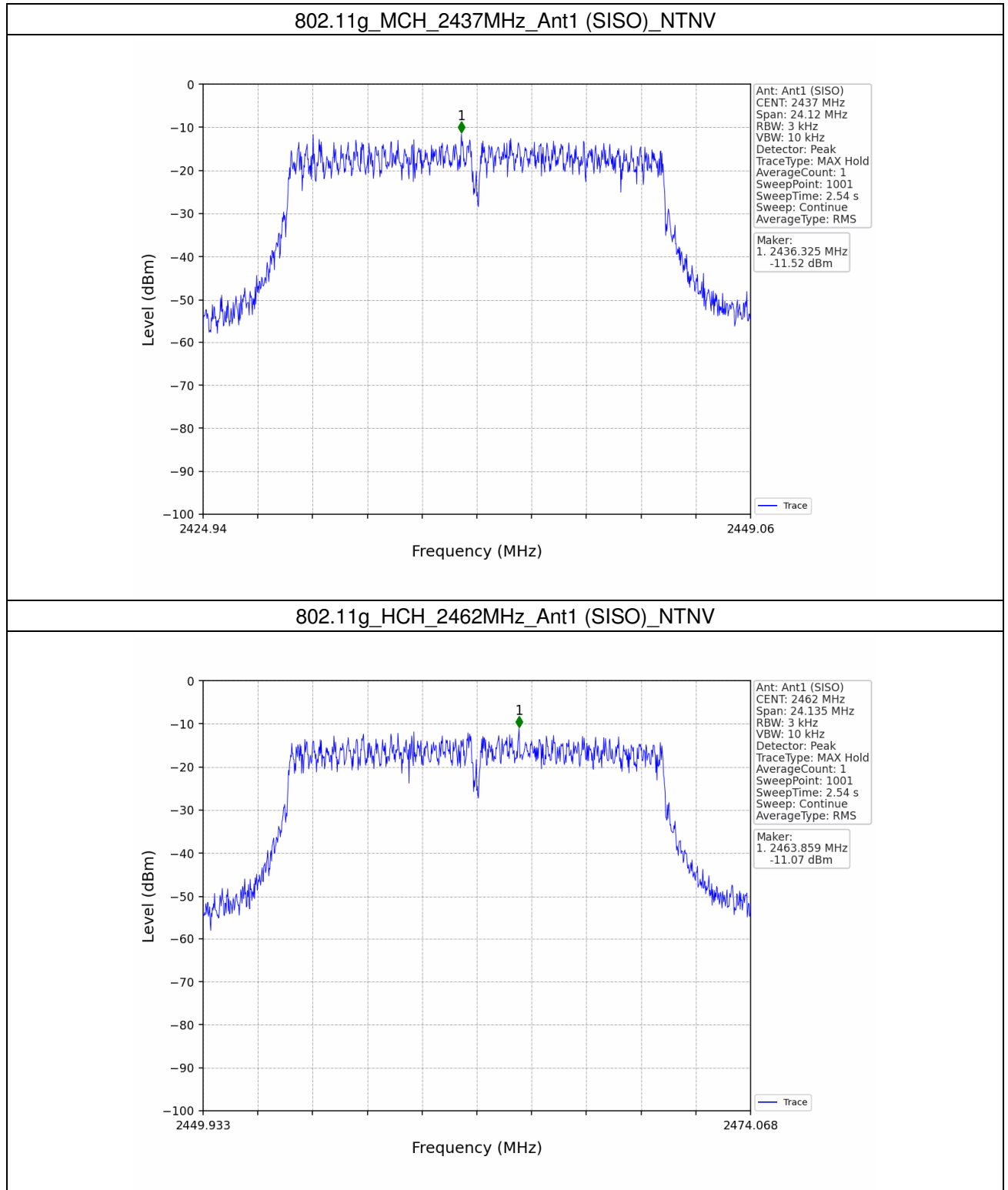
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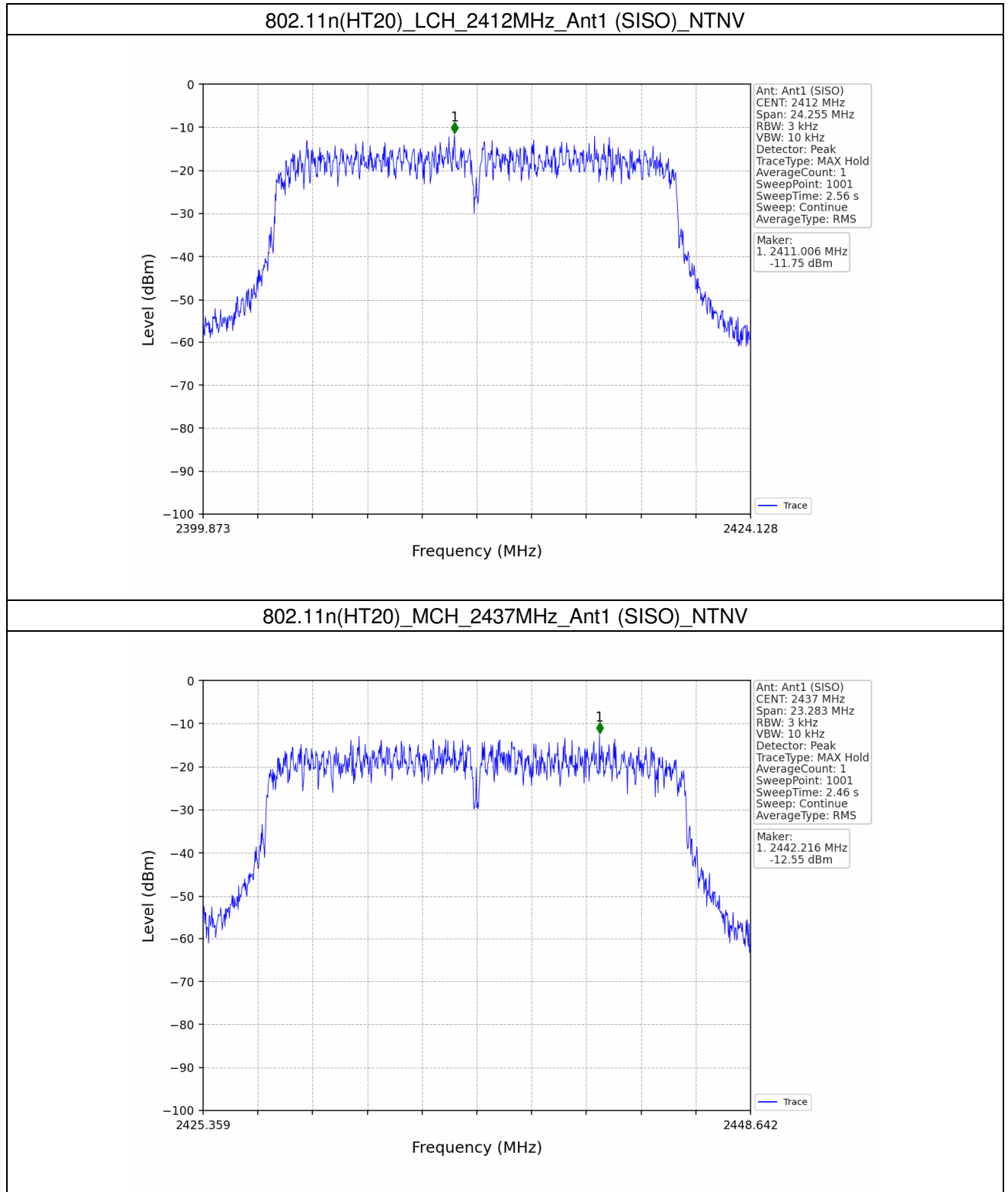


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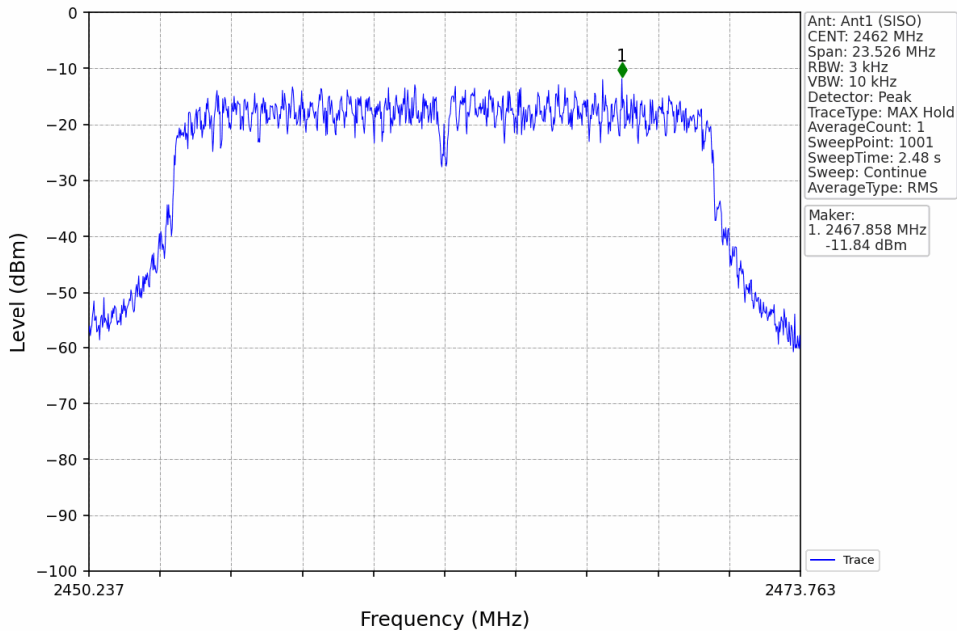


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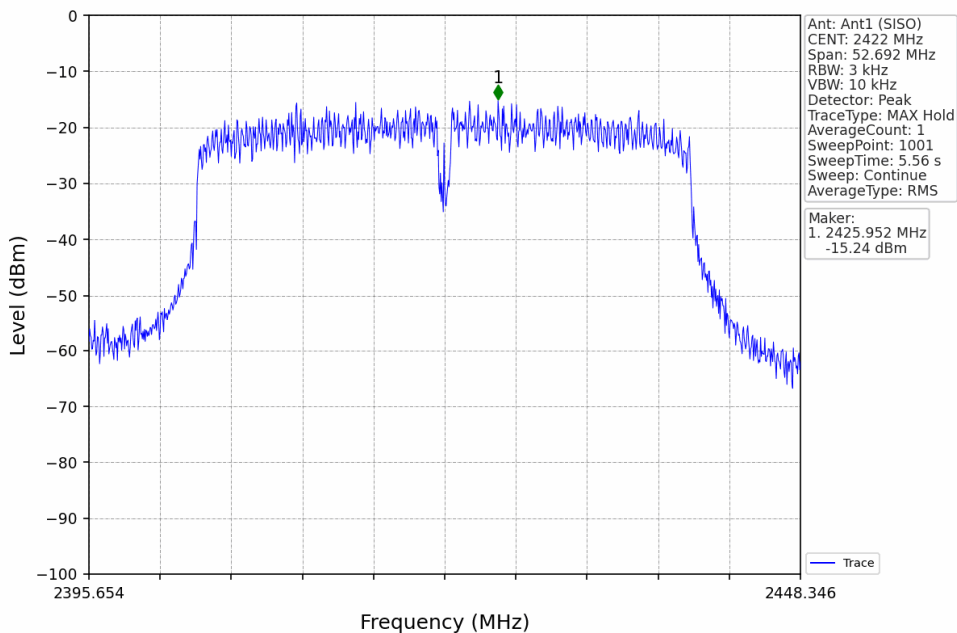


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802.11n(HT20)\_HCH\_2462MHz\_Ant1 (SISO)\_NTNV



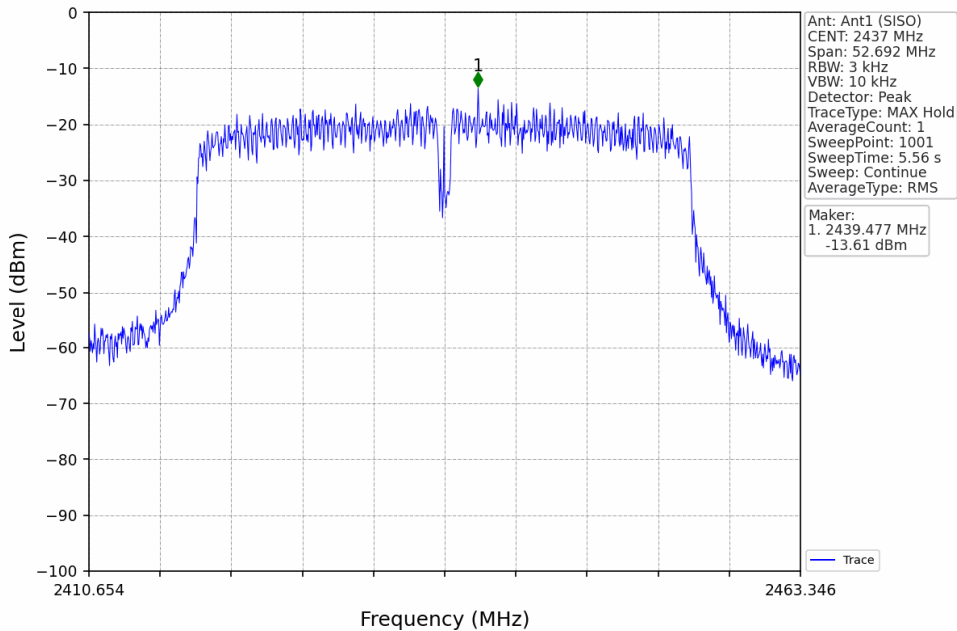
802.11n(HT40)\_LCH\_2422MHz\_Ant1 (SISO)\_NTNV



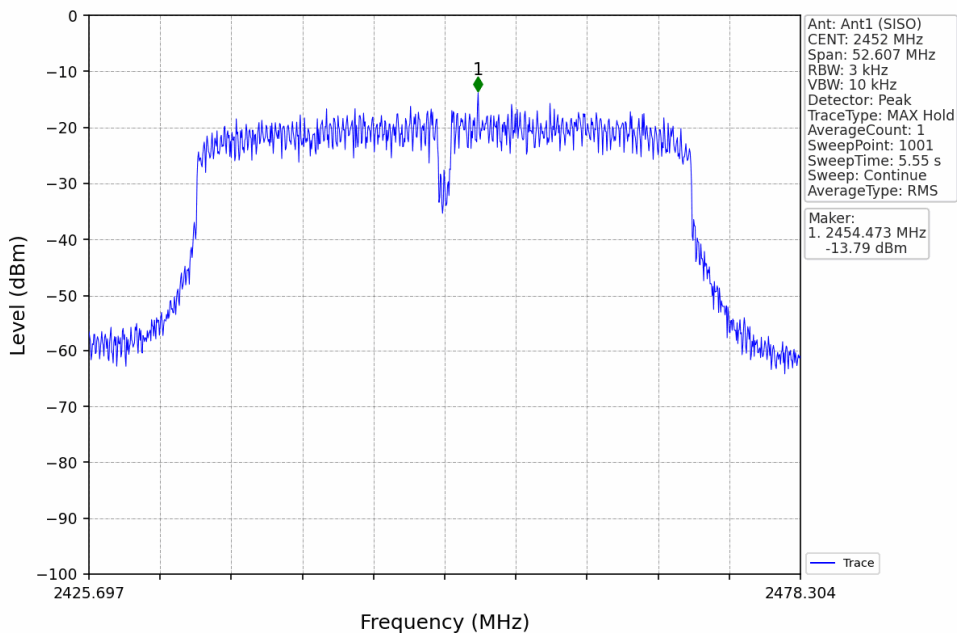
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802.11n(HT40)\_MCH\_2437MHz\_Ant1 (SISO)\_NTNV



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



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## 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	6.32
		2437	1	6.09
		2462	1	6.39
802.11g	SISO	2412	1	4.32
		2437	1	3.99
		2462	1	4.04
802.11n (HT20)	SISO	2412	1	2.89
		2437	1	3.07
		2462	1	3.30
802.11n (HT40)	SISO	2422	1	0.31
		2437	1	-0.05
		2452	1	0.02

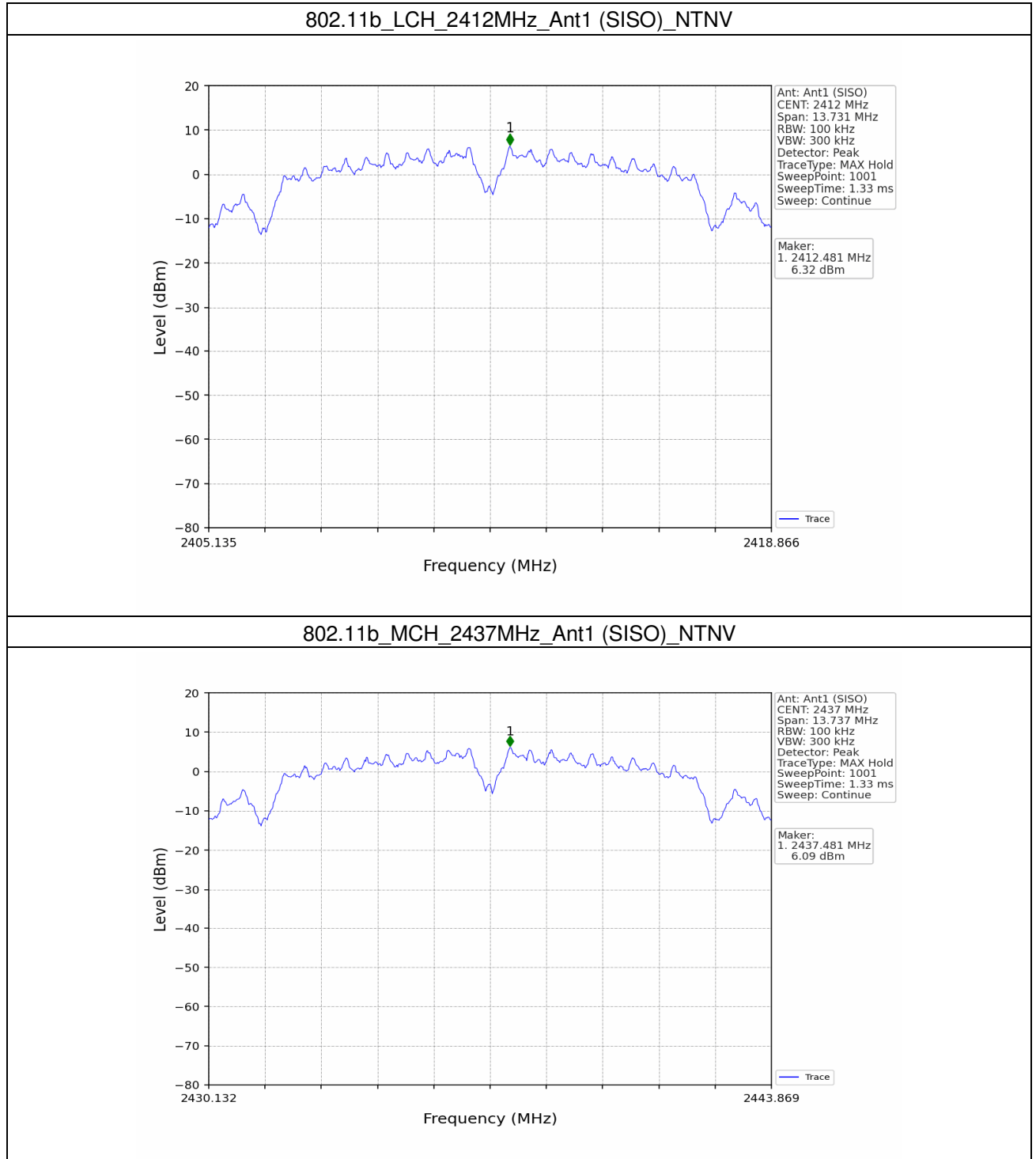


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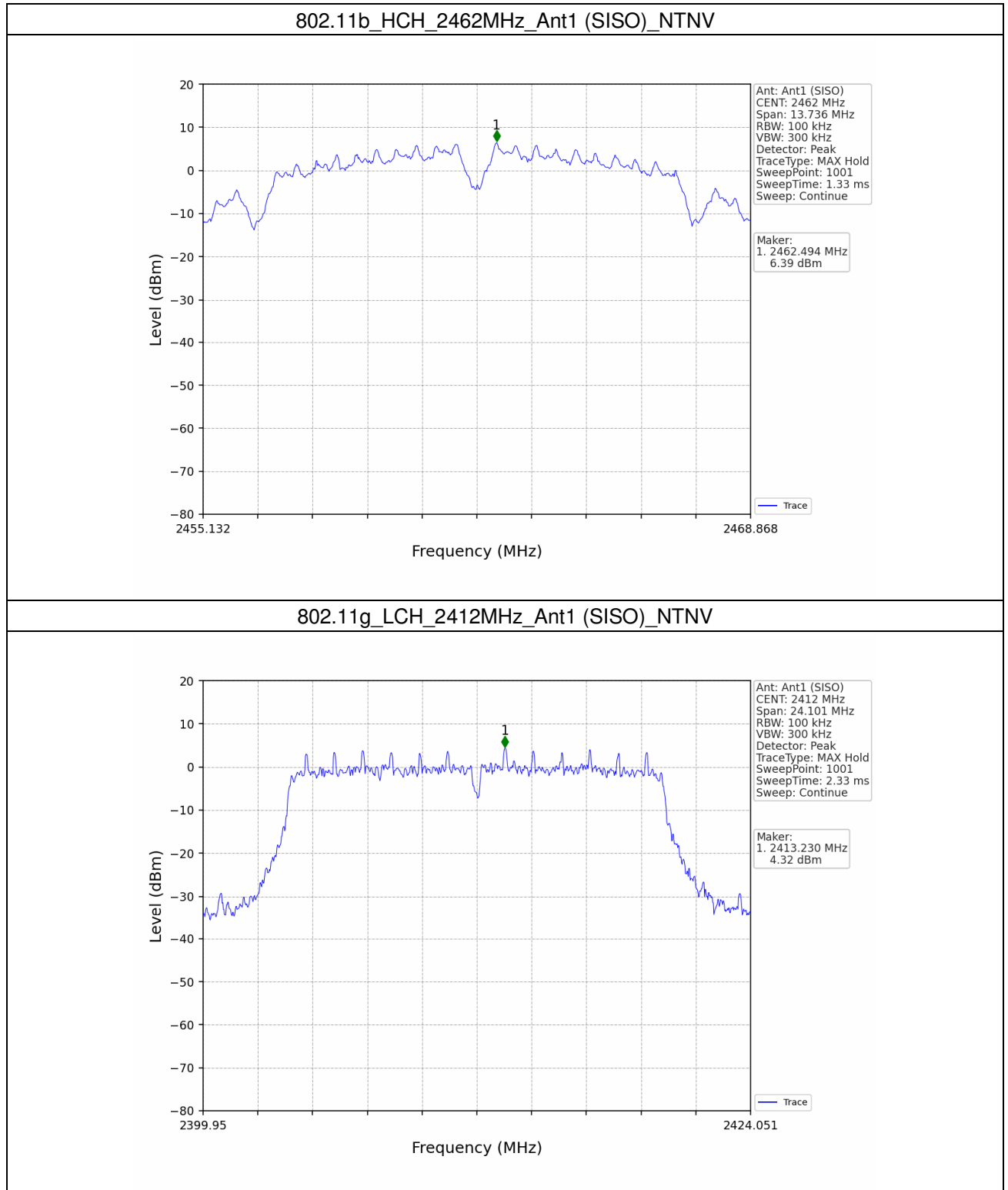
SGS-CSTC Standards Technical Services Co., Ltd. Shenzhen Branch  
 No.1 Workshop, M-10, Middle Section, Science & Technology Park, Nanshan District, Shenzhen, Guangdong, China 518057 t (86-755) 26012053 f (86-755) 26710594 www.sgs.com.cn  
 中国·广东·深圳市南山区科技园中区M-10栋1号厂房 邮编: 518057 t (86-755) 26012053 f (86-755) 26710594 sgs.china@sgs.com

### 5.1.2 Test Graph



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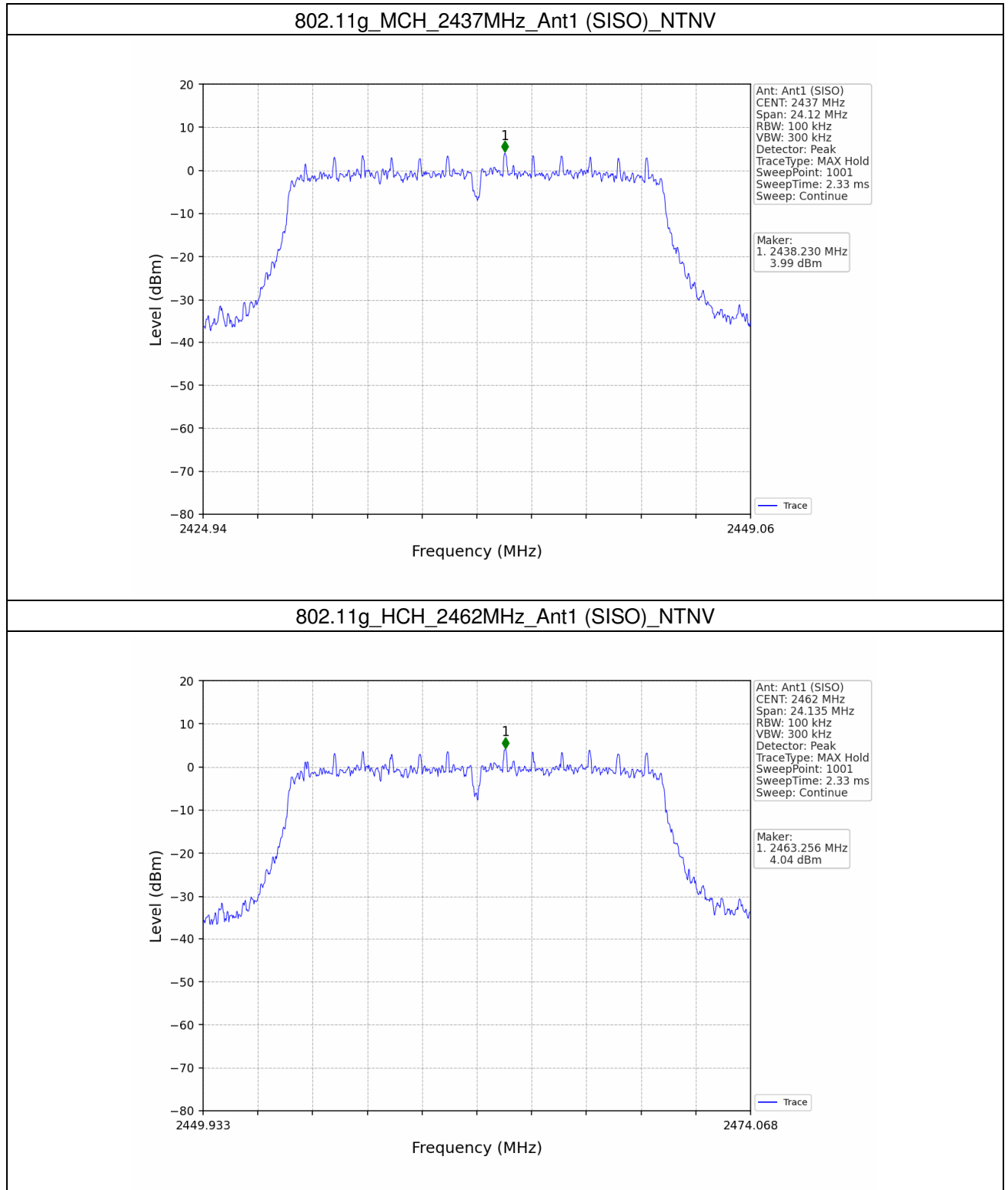
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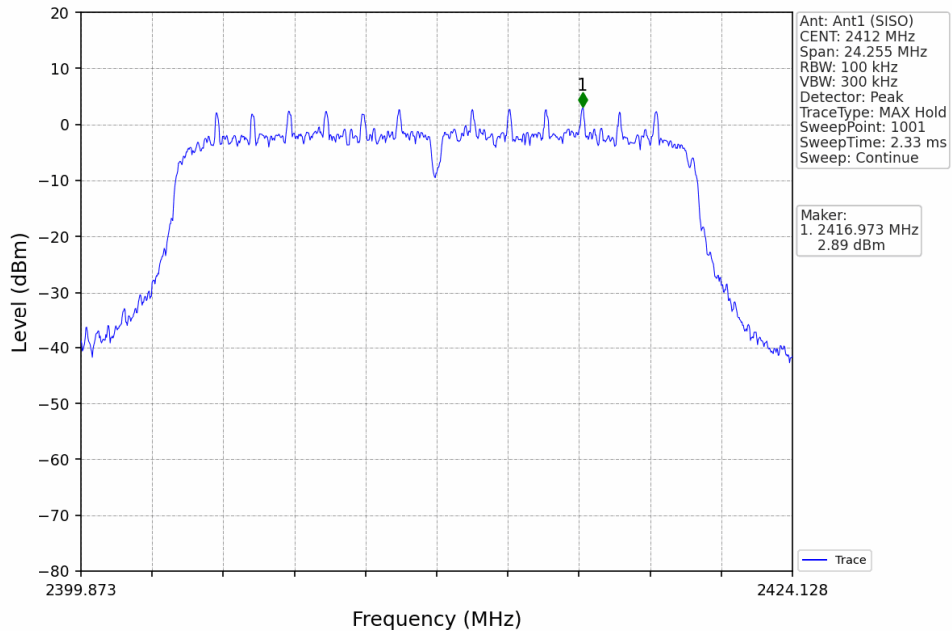
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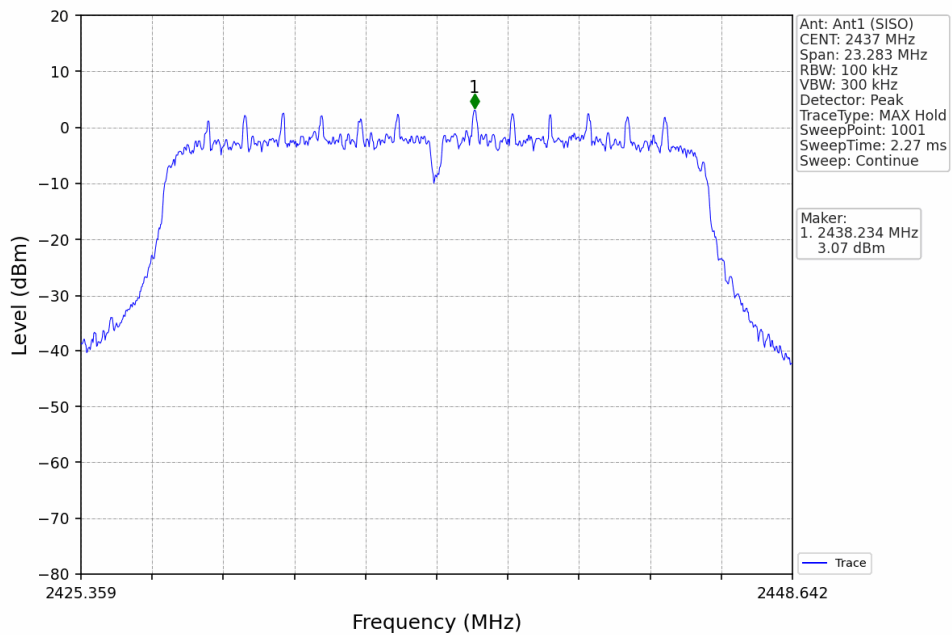


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802.11n(HT20)\_LCH\_2412MHz\_Ant1 (SISO)\_NTNV

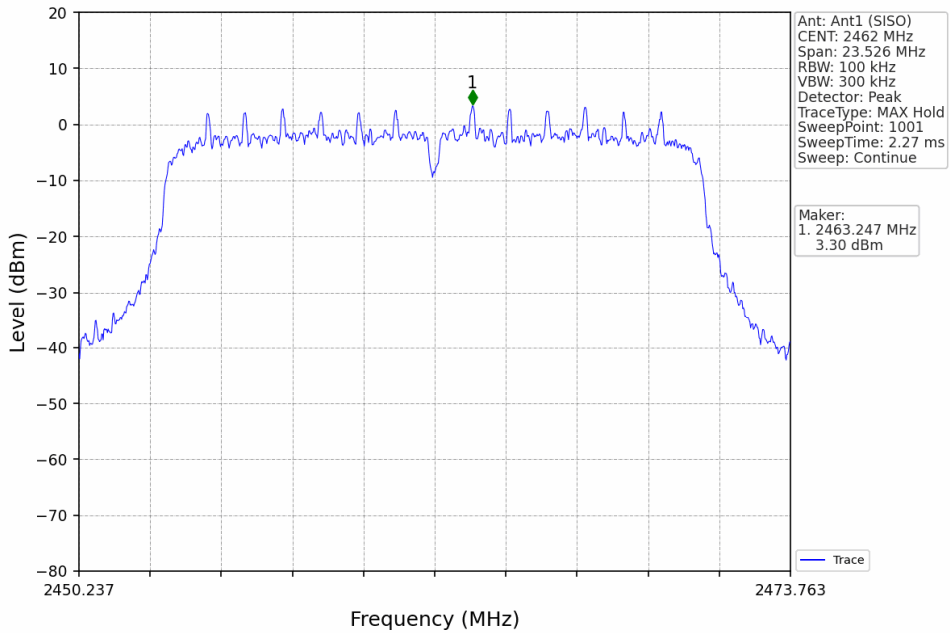


802.11n(HT20)\_MCH\_2437MHz\_Ant1 (SISO)\_NTNV

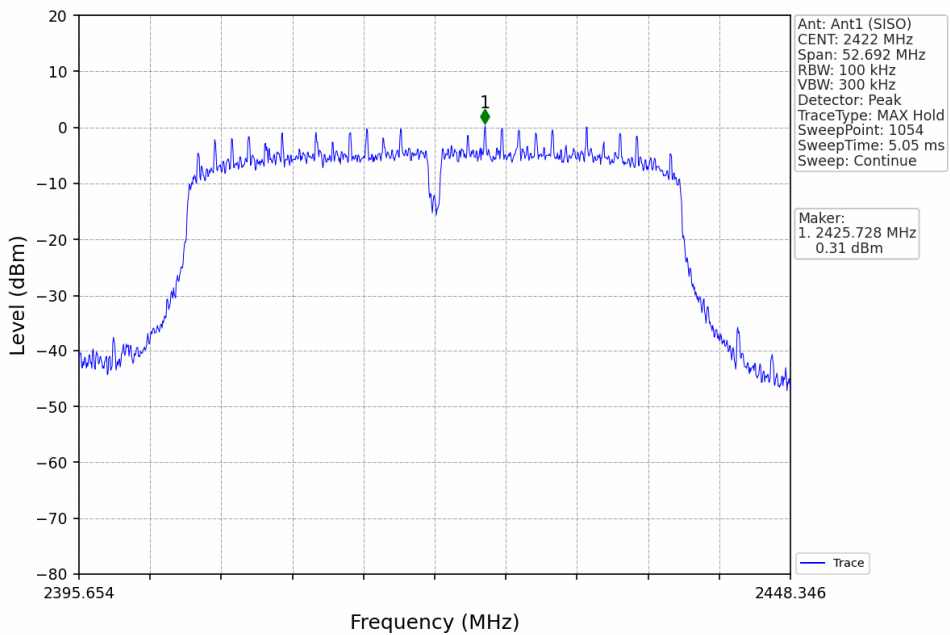


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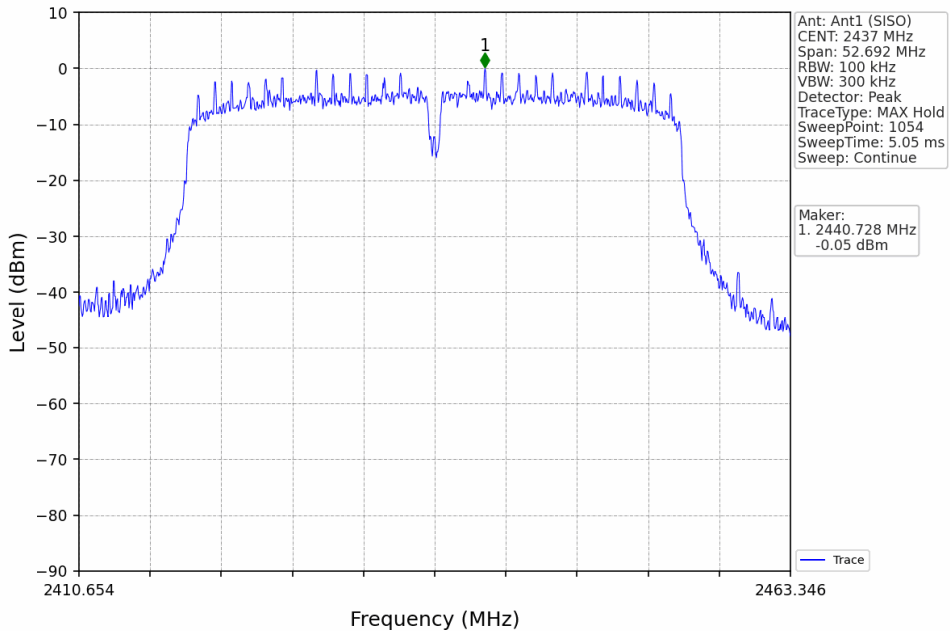
802.11n(HT20)\_HCH\_2462MHz\_Ant1 (SISO)\_NTNV



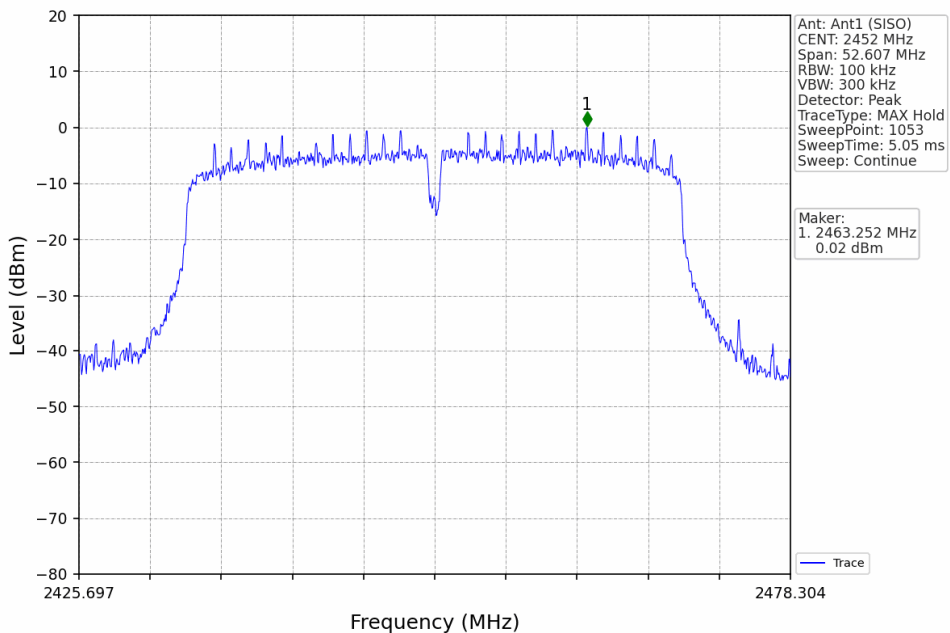
802.11n(HT40)\_LCH\_2422MHz\_Ant1 (SISO)\_NTNV



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



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



5.2 CSE

5.2.1 Test Result

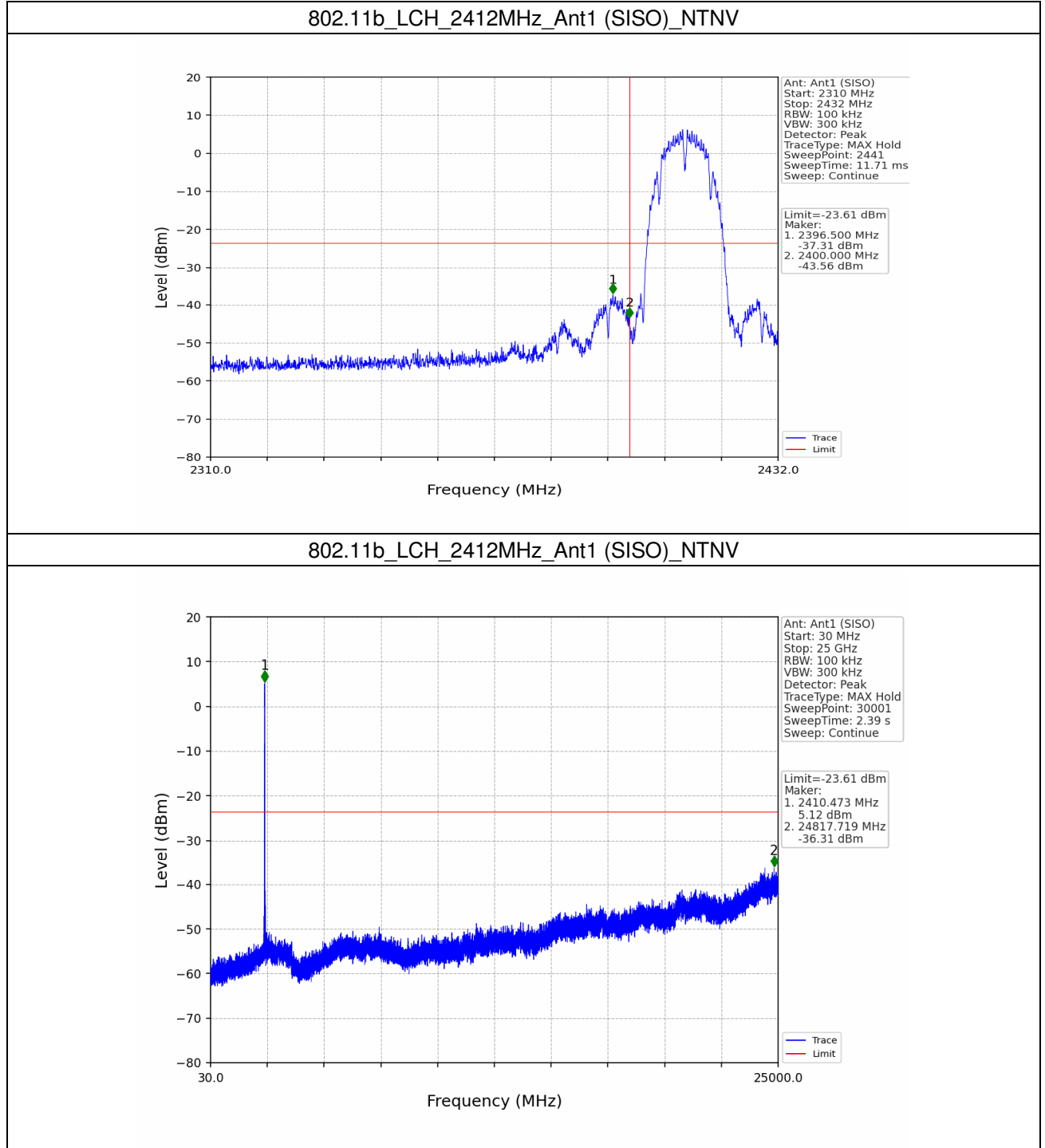
Mode	TX Type	Frequency (MHz)	ANT	Level of Reference (dBm)	Limit (dBm)	Verdict
802.11b	SISO	2412	1	6.39	-23.61	Pass
		2437	1	6.39	-23.61	Pass
		2462	1	6.39	-23.61	Pass
802.11g	SISO	2412	1	4.32	-25.68	Pass
		2437	1	4.32	-25.68	Pass
		2462	1	4.32	-25.68	Pass
802.11n (HT20)	SISO	2412	1	3.30	-26.70	Pass
		2437	1	3.30	-26.70	Pass
		2462	1	3.30	-26.70	Pass
802.11n (HT40)	SISO	2422	1	0.31	-29.69	Pass
		2437	1	0.31	-29.69	Pass
		2452	1	0.31	-29.69	Pass



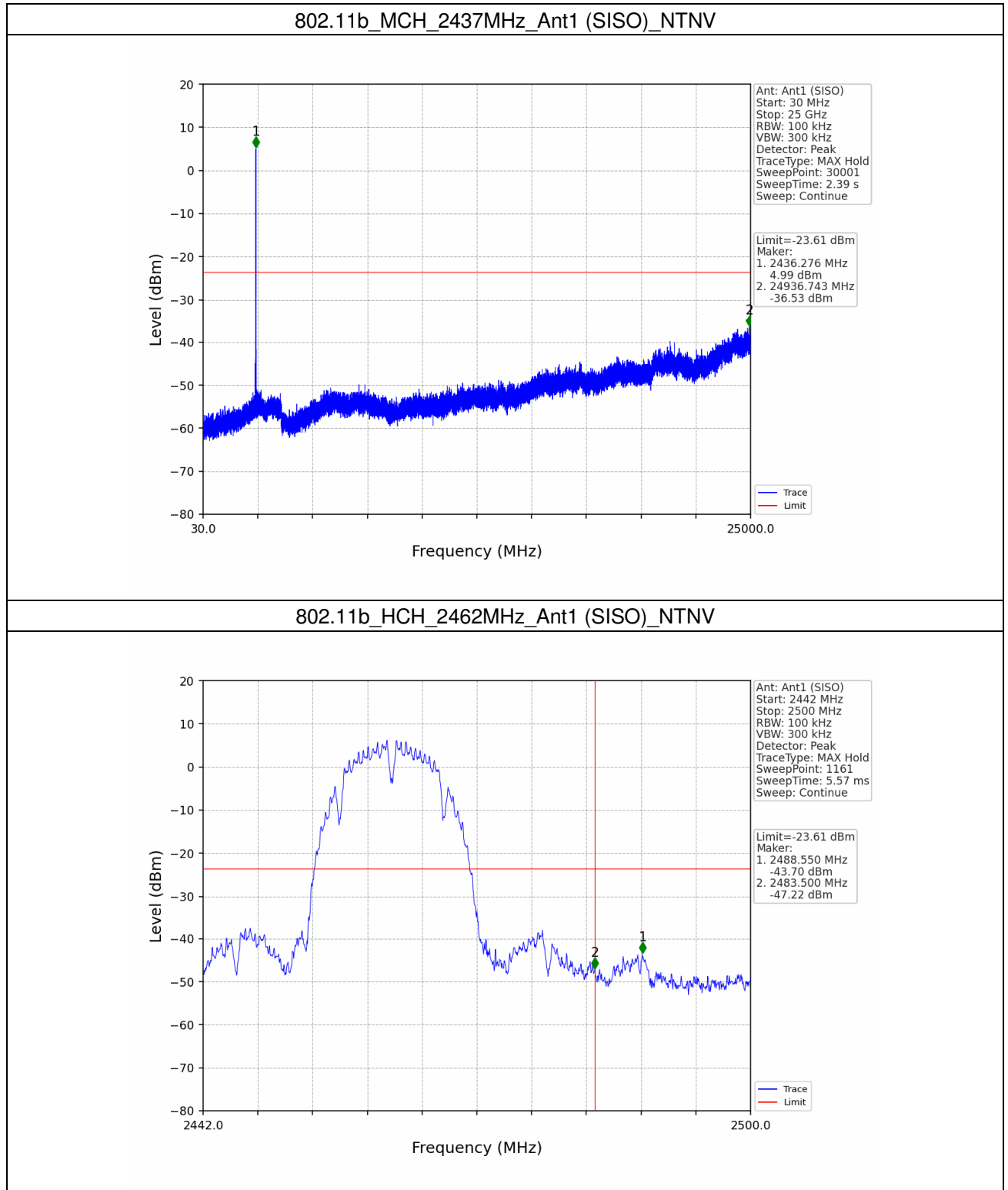
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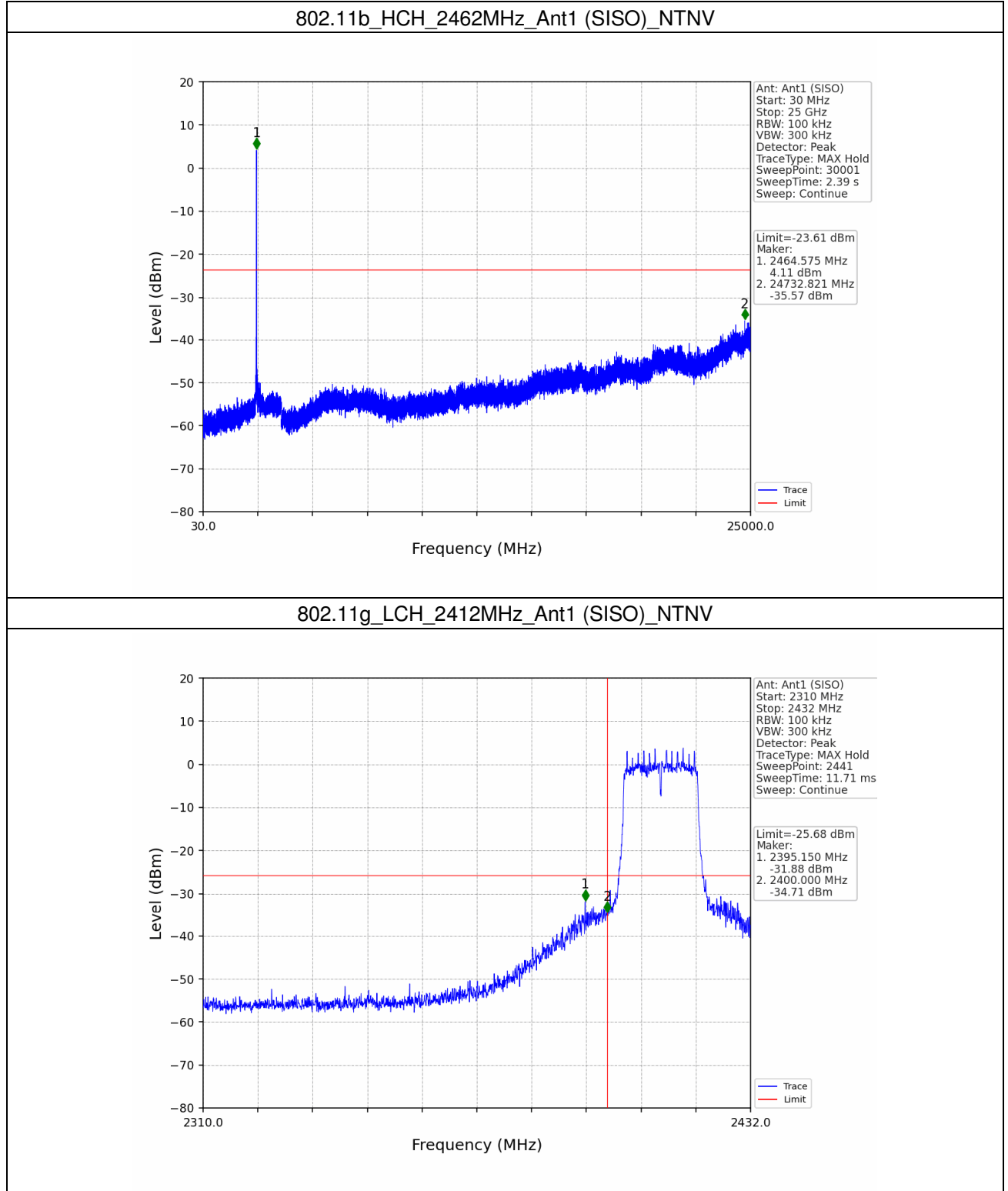
### 5.2.2 Test Graph



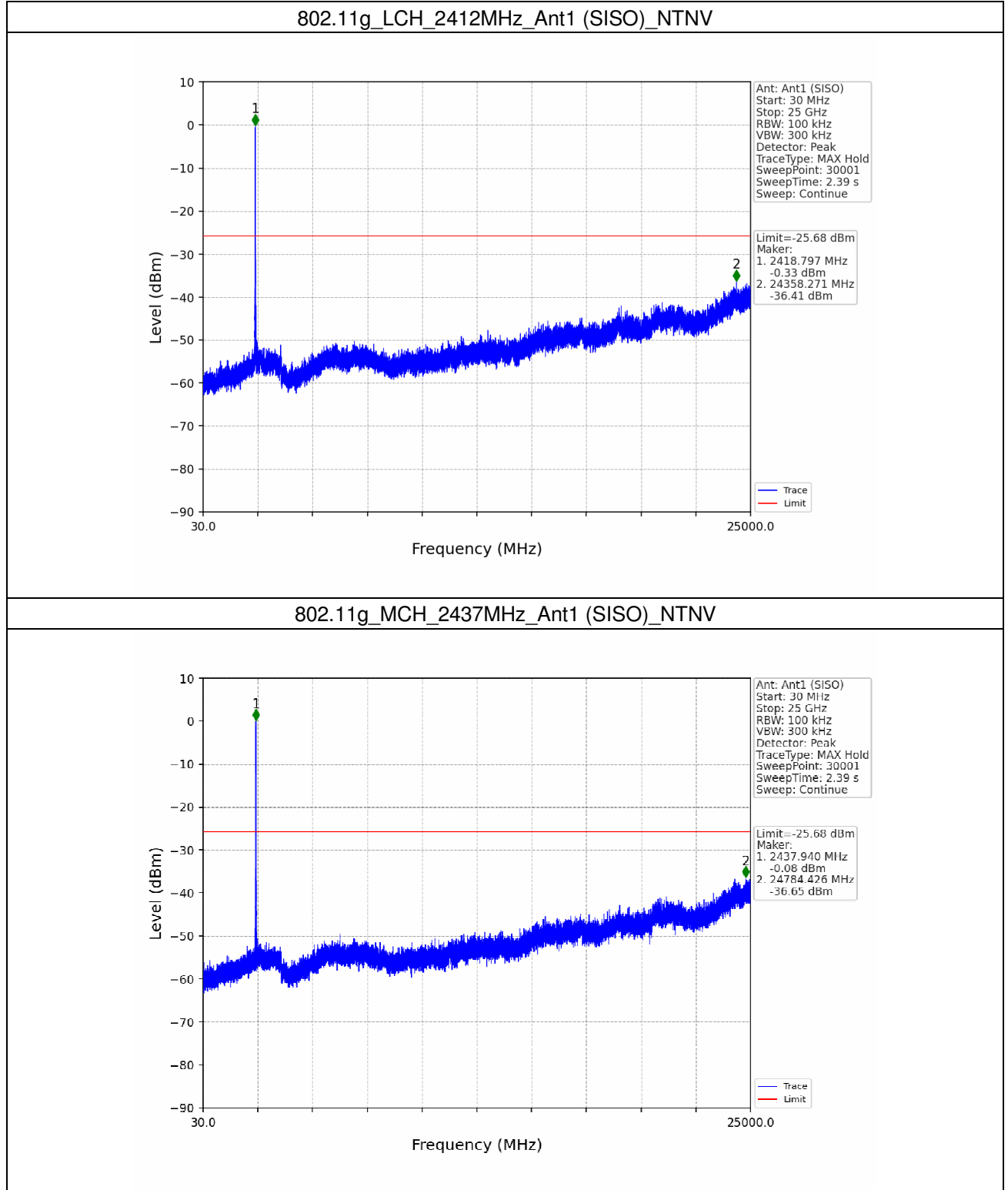
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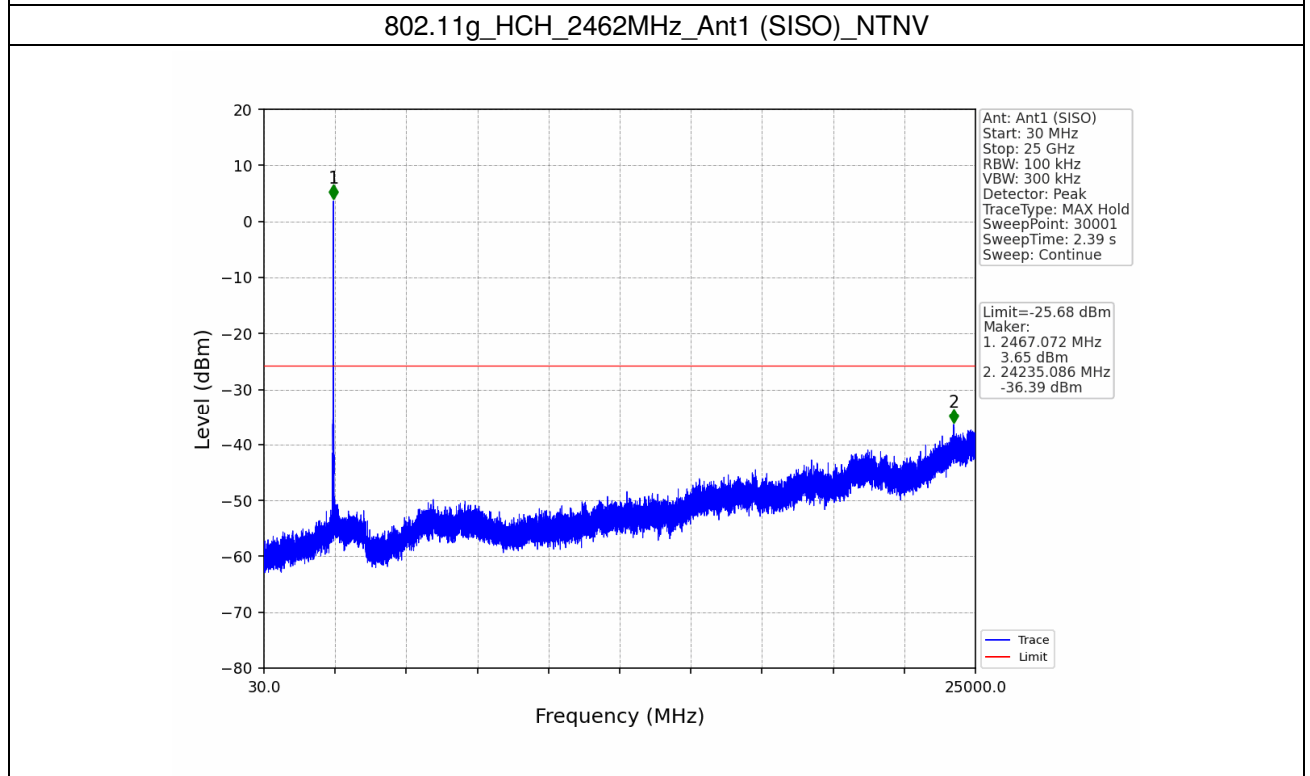
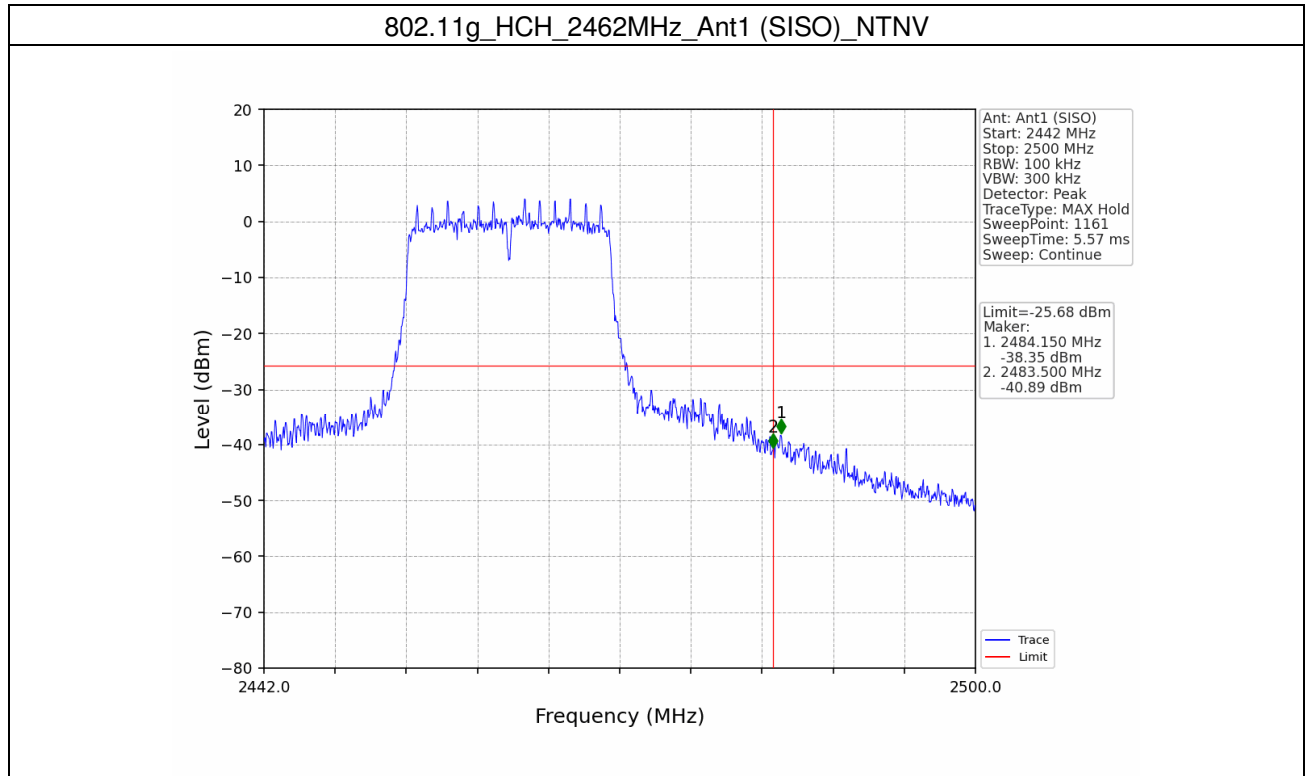






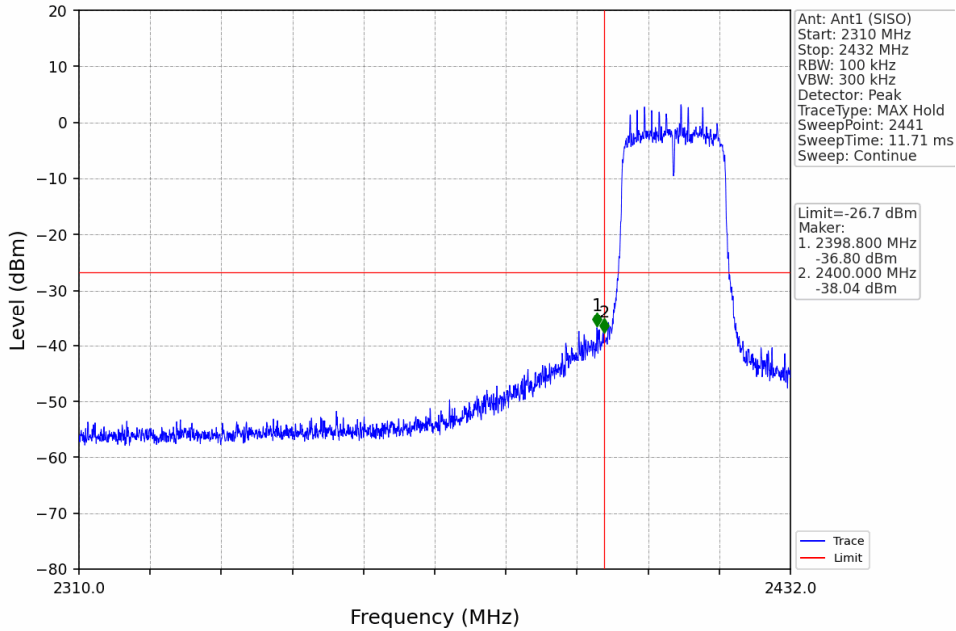
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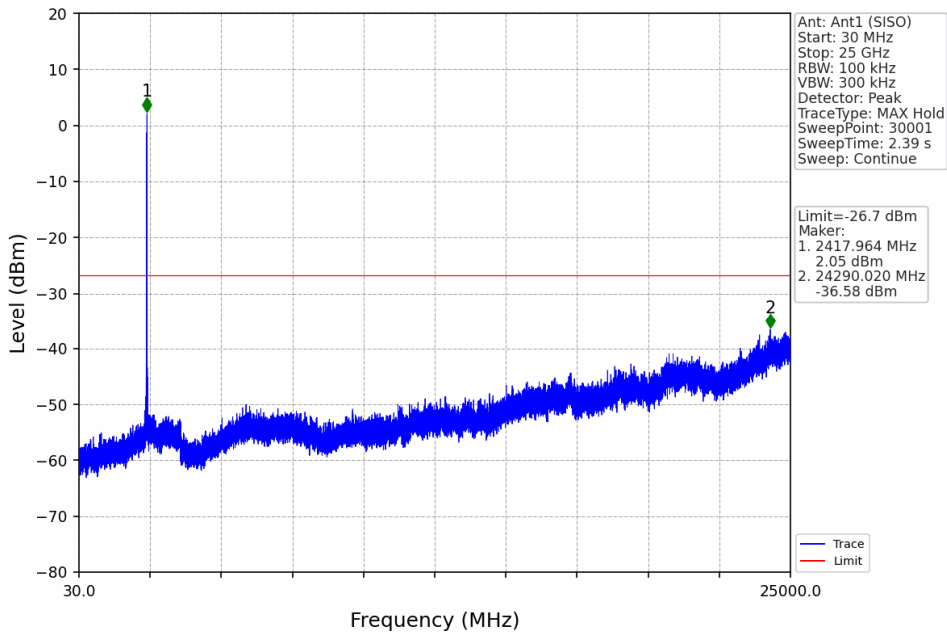


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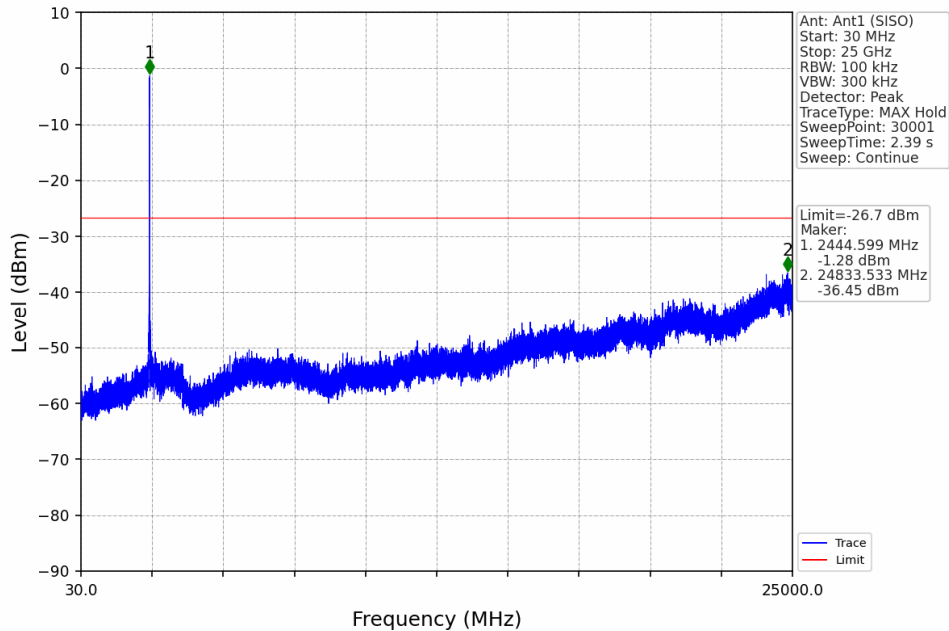
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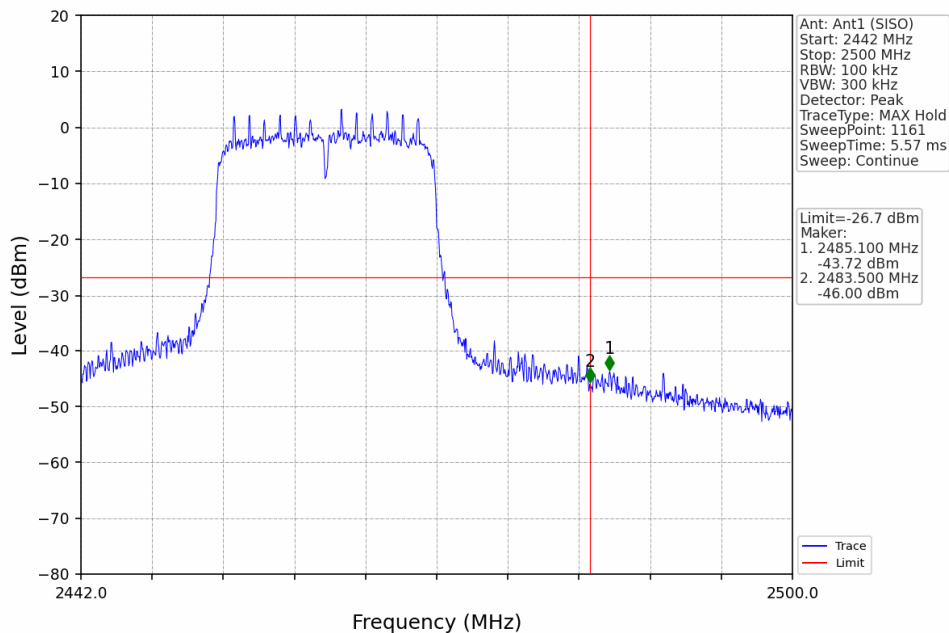
802.11n(HT20)\_LCH\_2412MHz\_Ant1 (SISO)\_NTNV



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



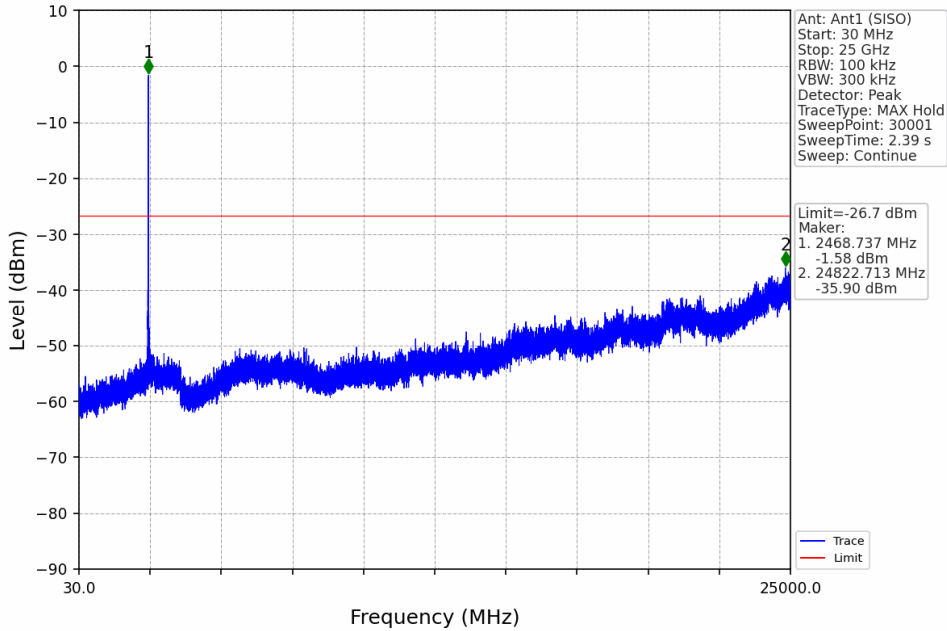
802.11n(HT20)\_HCH\_2462MHz\_Ant1 (SISO)\_NTNV



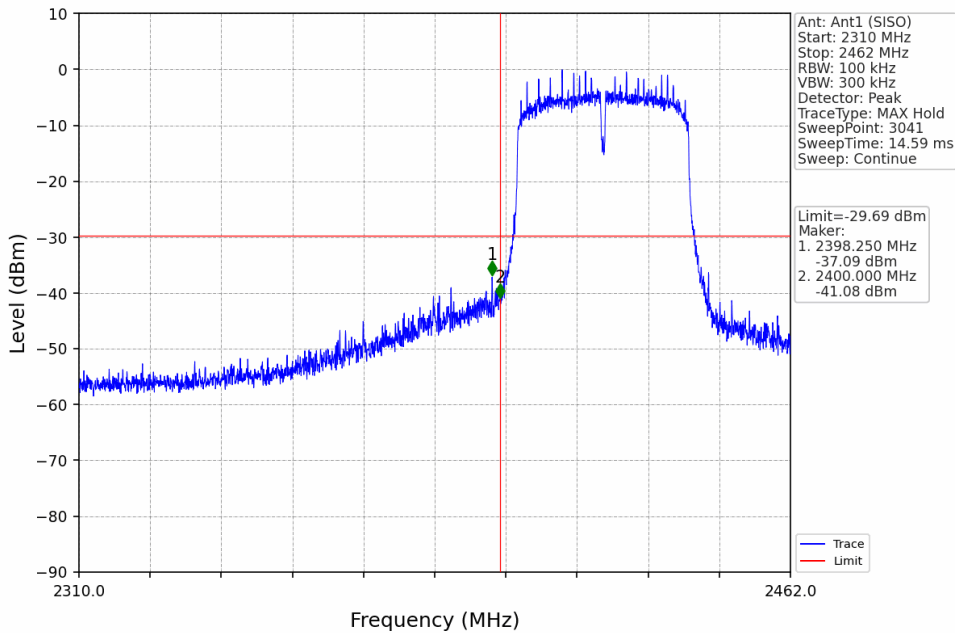
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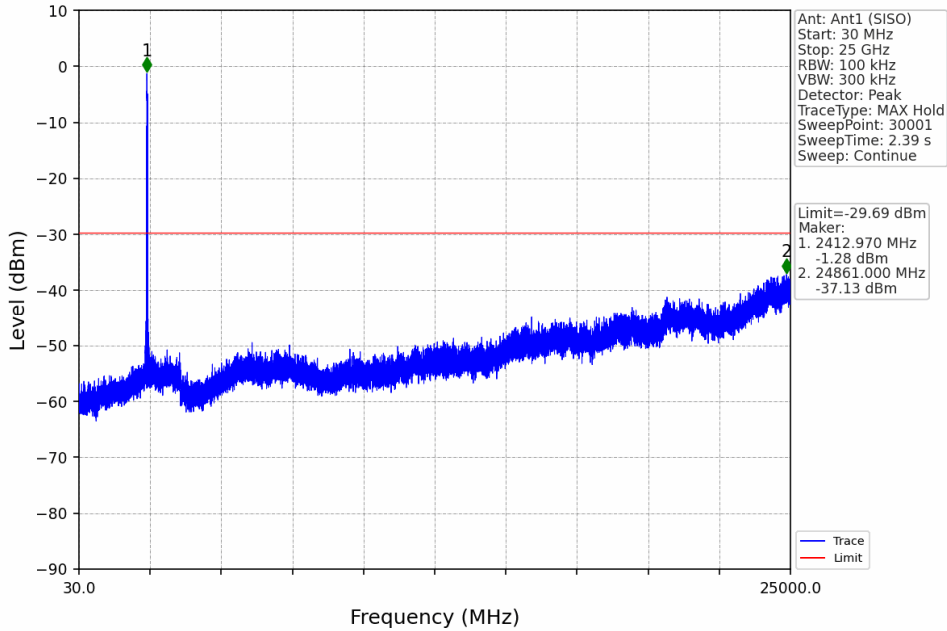
802.11n(HT20)\_HCH\_2462MHz\_Ant1 (SISO)\_NTNV



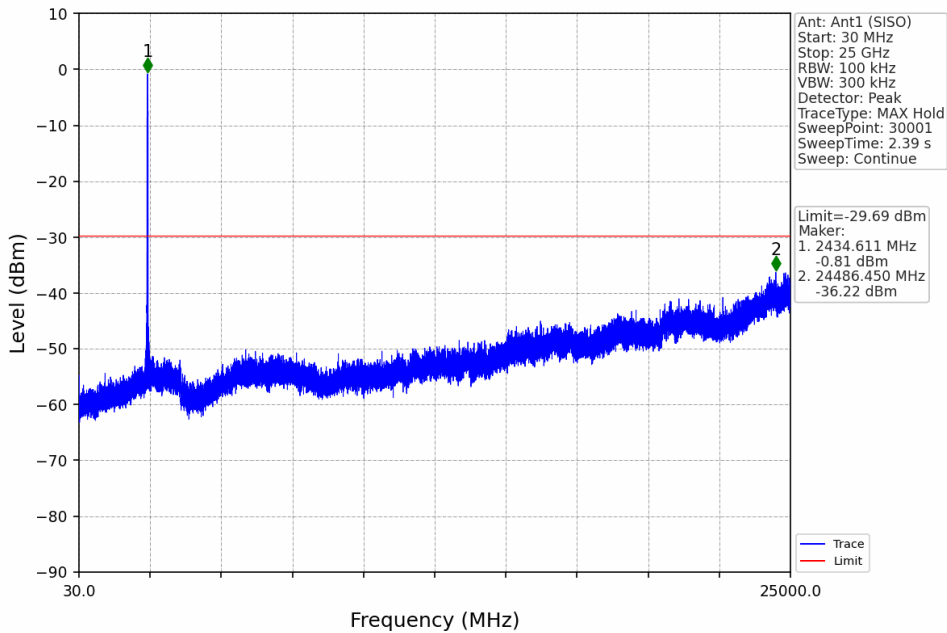
802.11n(HT40)\_LCH\_2422MHz\_Ant1 (SISO)\_NTNV



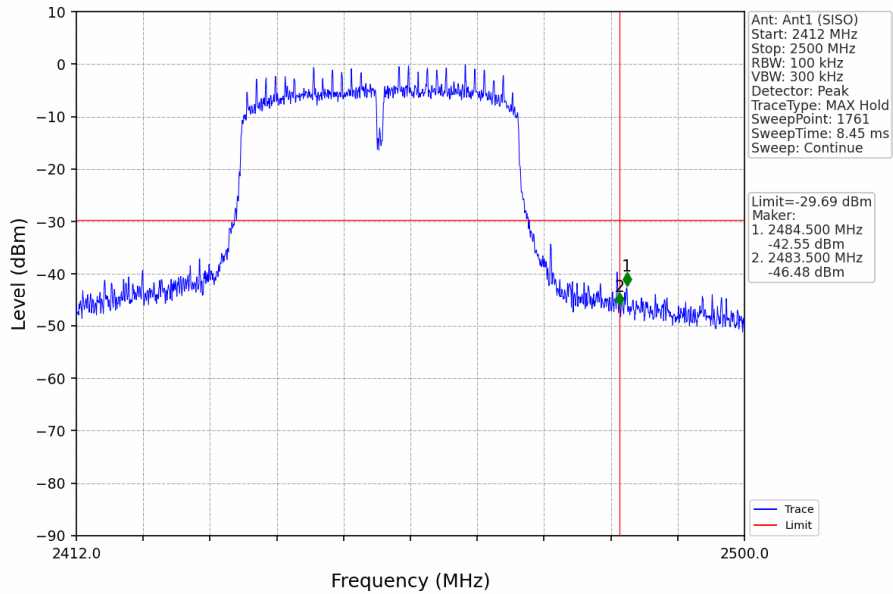
802.11n(HT40)\_LCH\_2422MHz\_Ant1 (SISO)\_NTNV



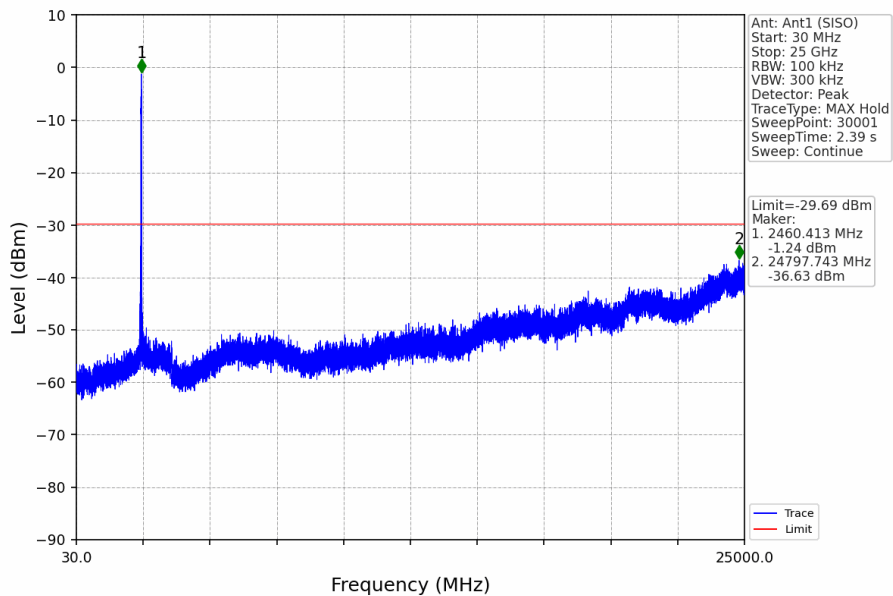
802.11n(HT40)\_MCH\_2437MHz\_Ant1 (SISO)\_NTNV



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



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



- End of the Report -

