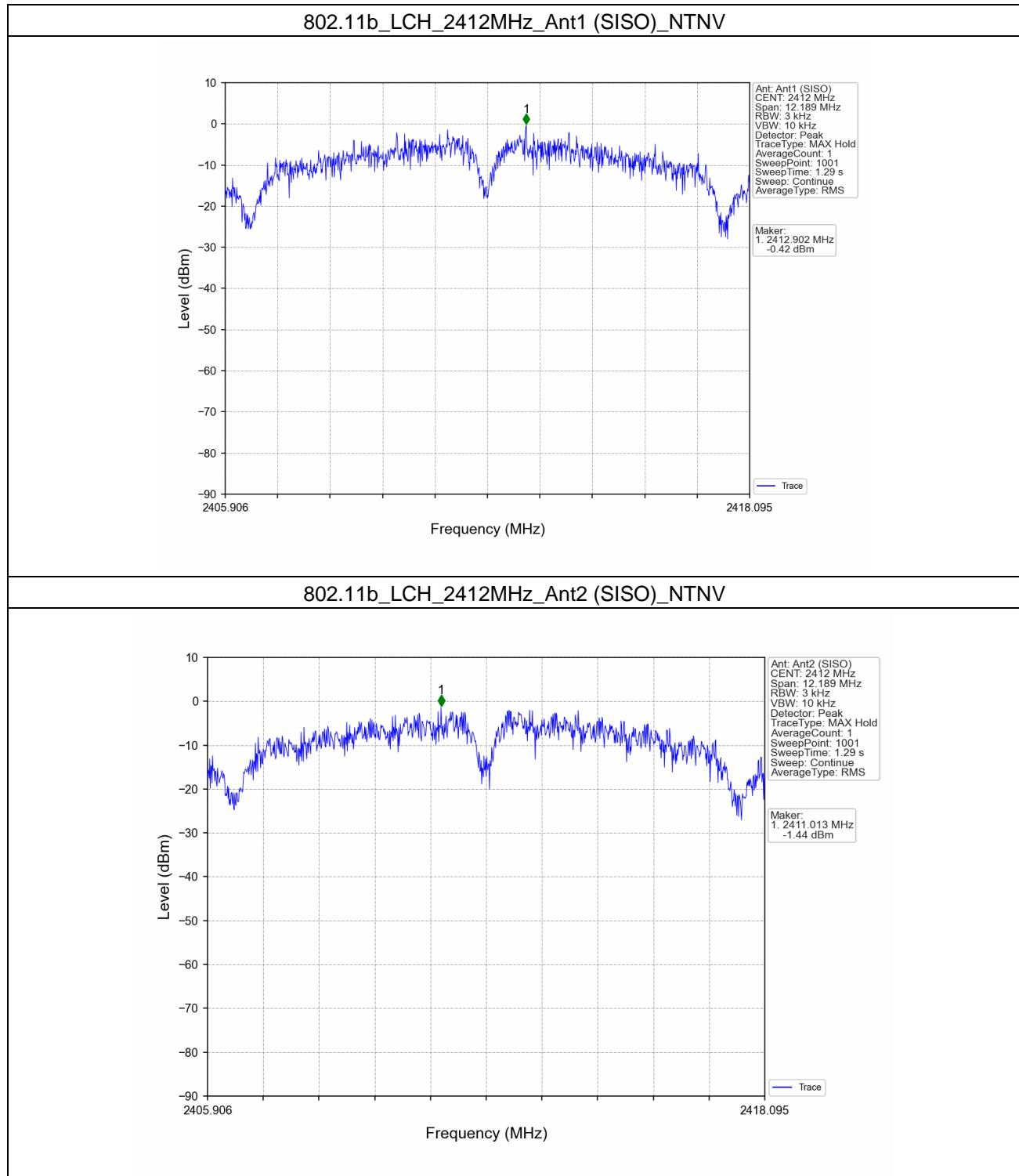


#### 4.1.2 Test Graph

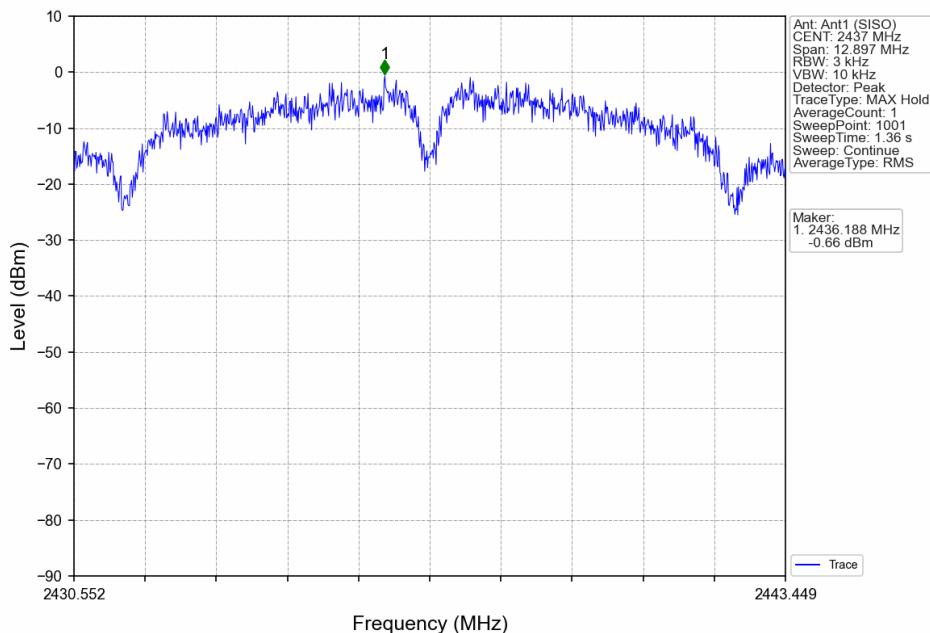
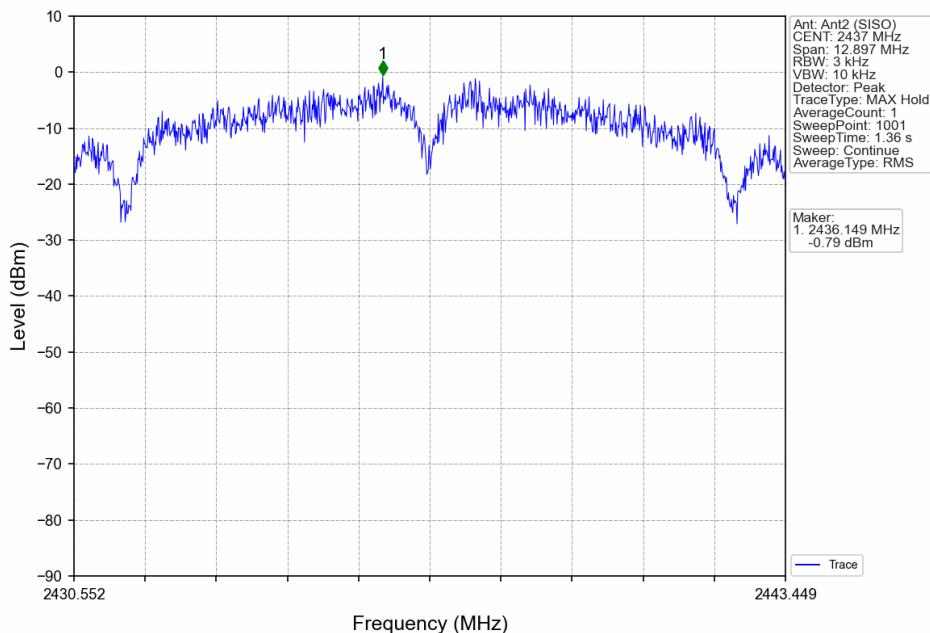


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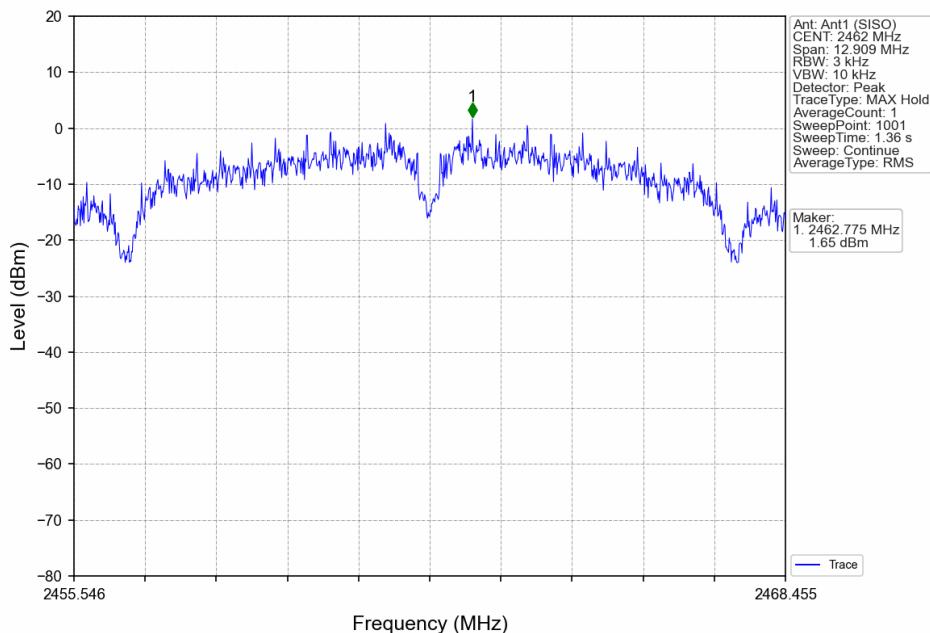
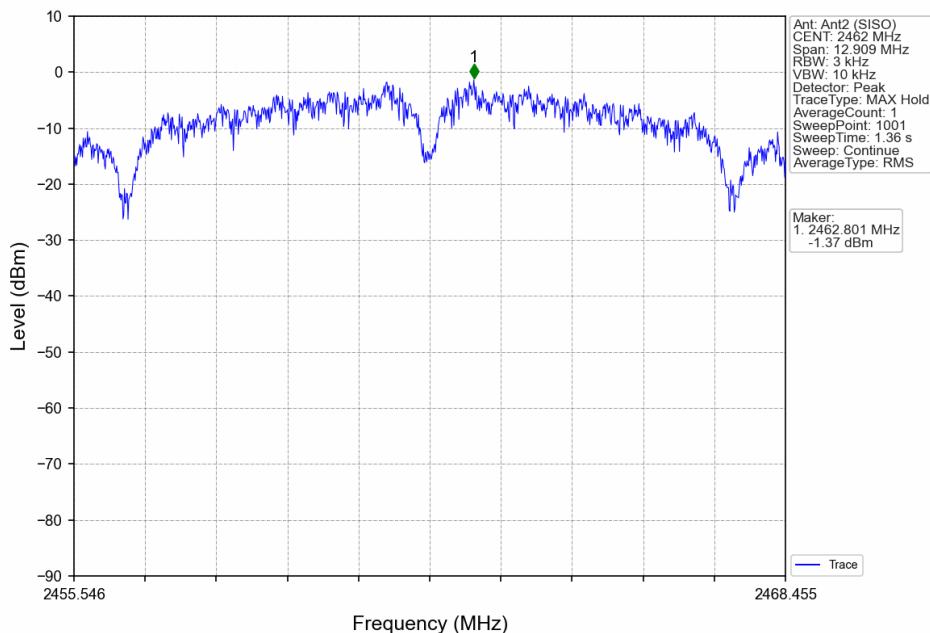
**802.11b\_MCH\_2437MHz\_Ant1 (SISO)\_NTNV****802.11b\_MCH\_2437MHz\_Ant2 (SISO)\_NTNV**

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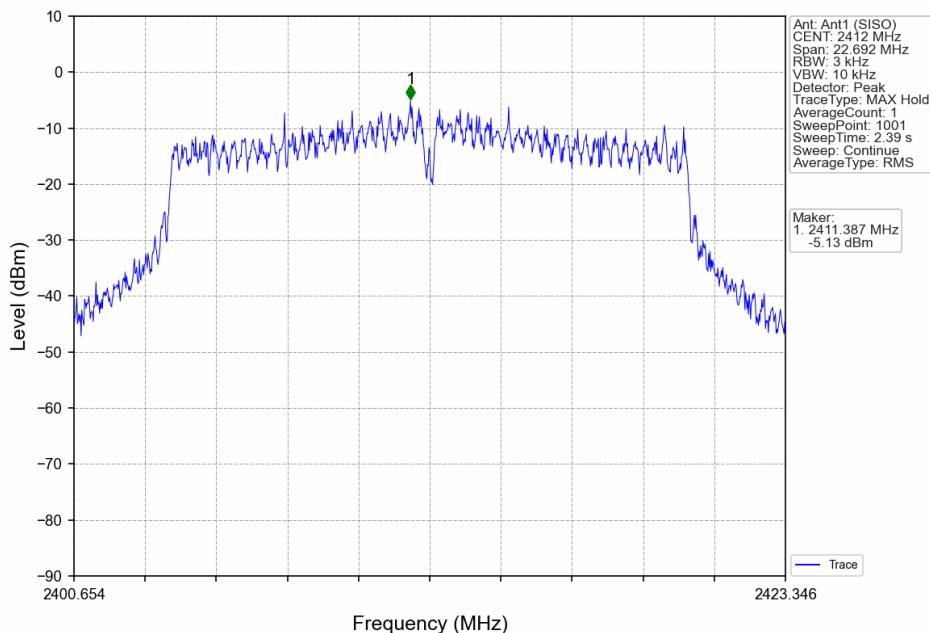
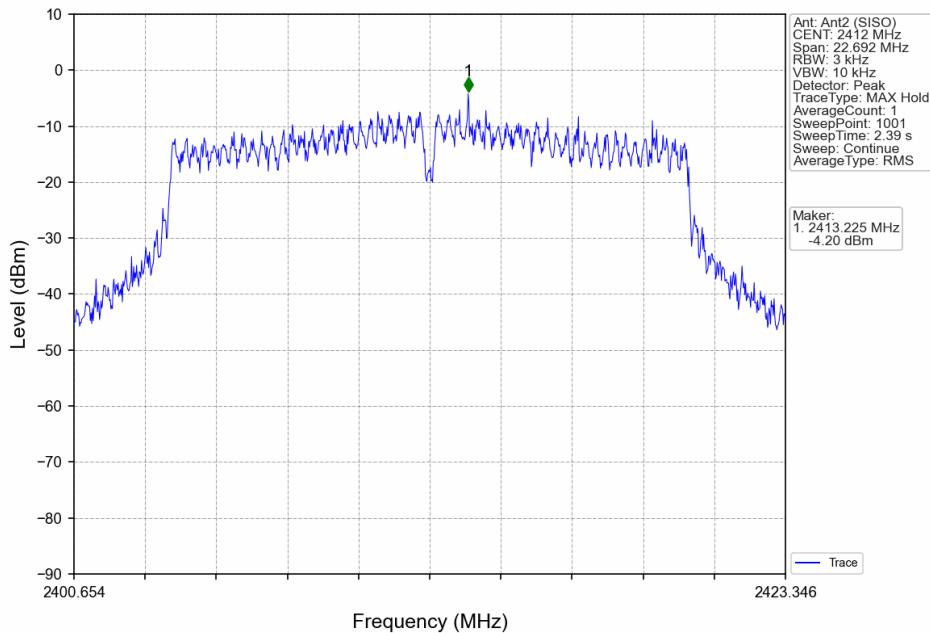
**802.11b\_HCH\_2462MHz\_Ant1 (SISO)\_NTNV****802.11b\_HCH\_2462MHz\_Ant2 (SISO)\_NTNV**

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**802.11g\_LCH\_2412MHz\_Ant1 (SISO)\_NTNV****802.11g\_LCH\_2412MHz\_Ant2 (SISO)\_NTNV**

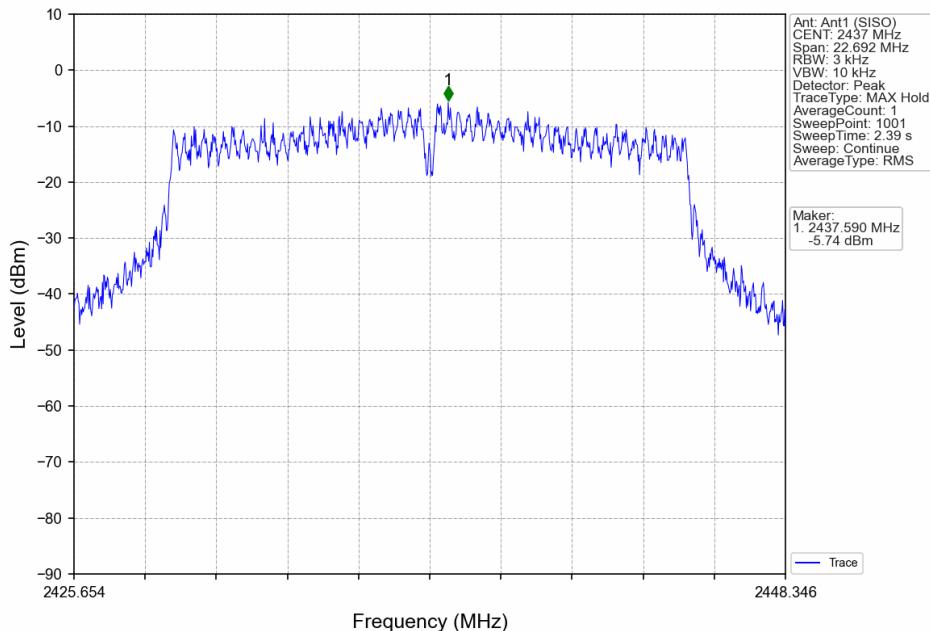
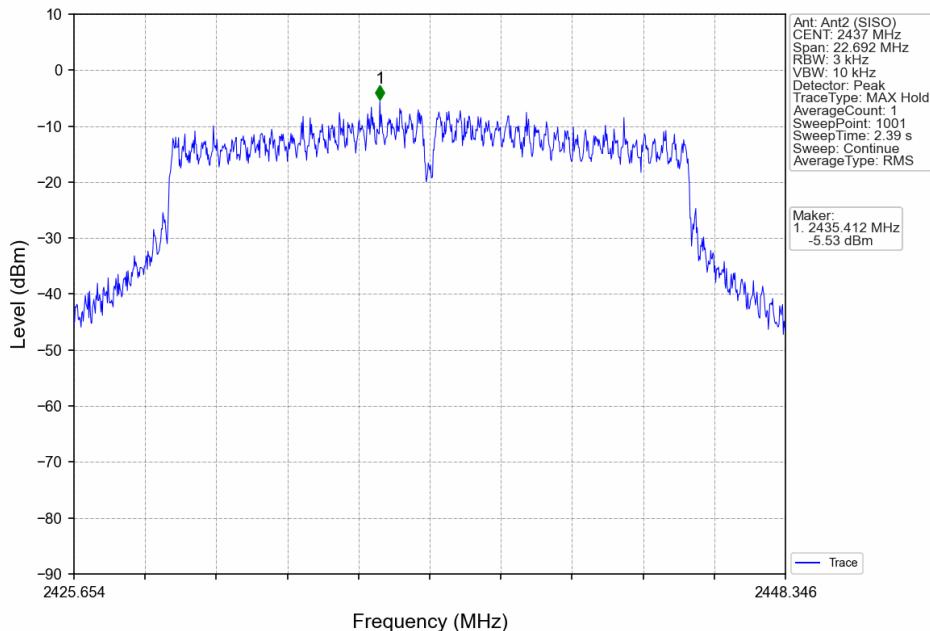
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**802.11g\_MCH\_2437MHz\_Ant1 (SISO)\_NTNV****802.11g\_MCH\_2437MHz\_Ant2 (SISO)\_NTNV**

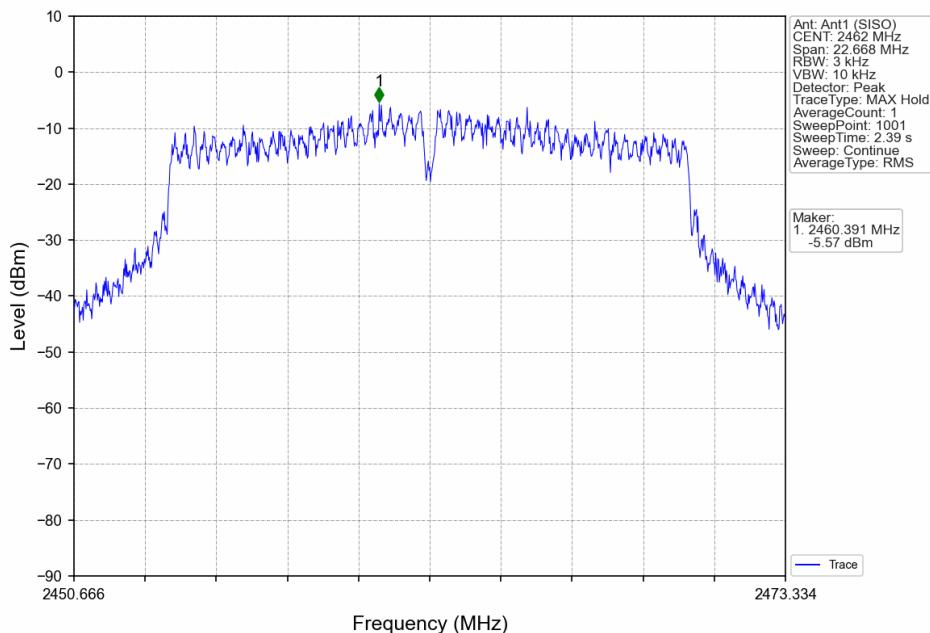
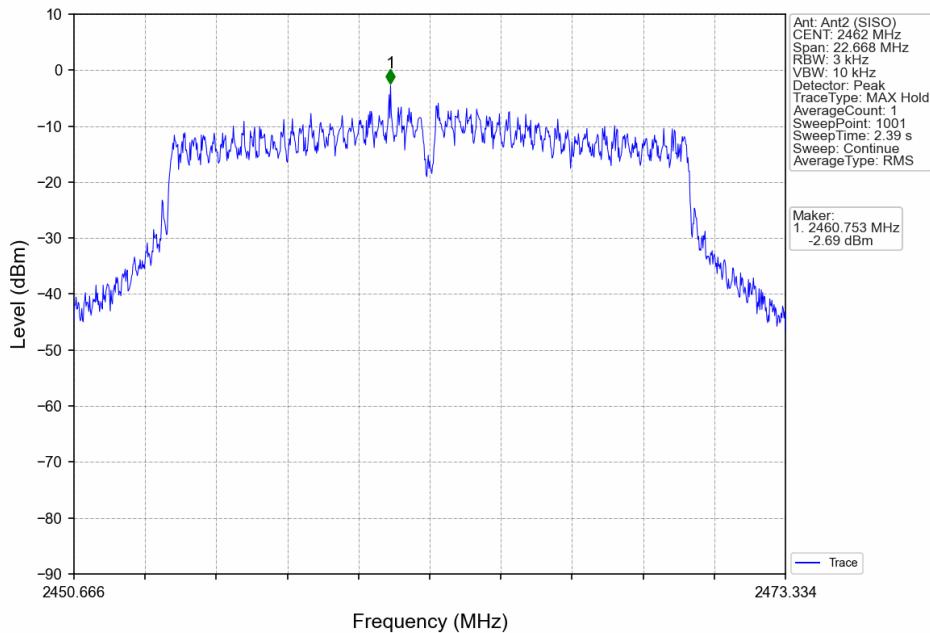
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**802.11g\_HCH\_2462MHz\_Ant1 (SISO)\_NTNV****802.11g\_HCH\_2462MHz\_Ant2 (SISO)\_NTNV**

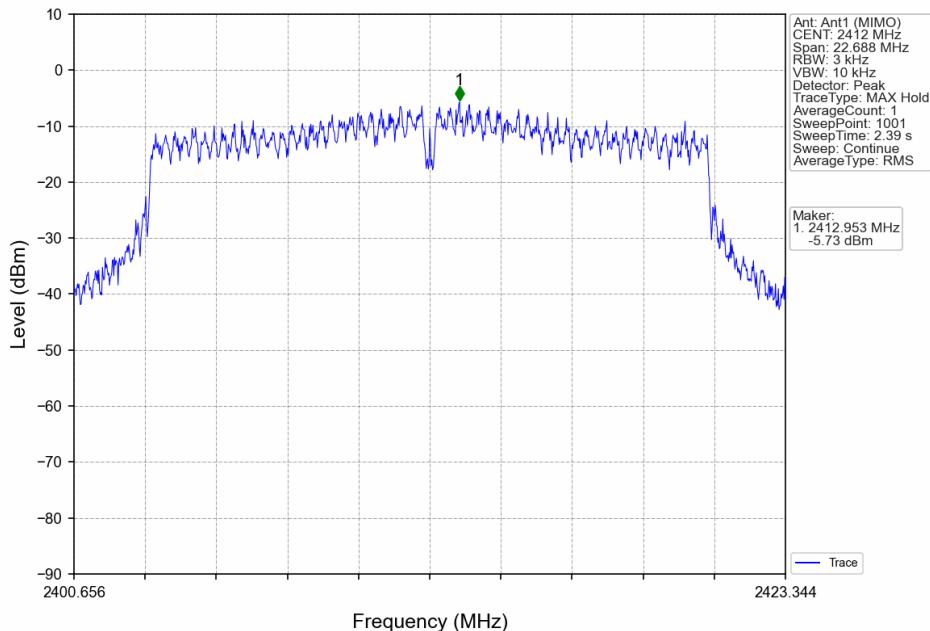
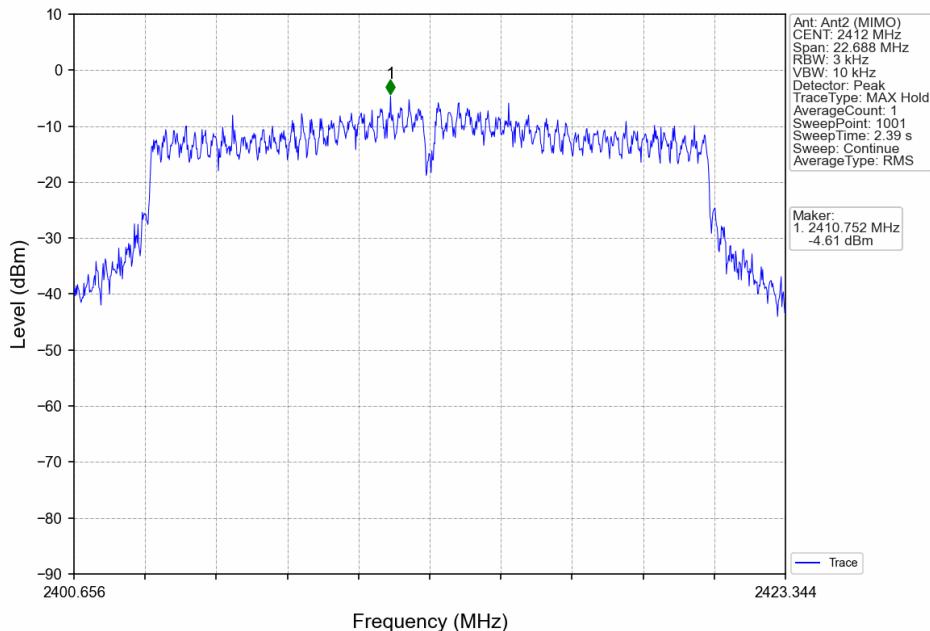
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**802.11n(HT20)\_LCH\_2412MHz\_Ant1 (MIMO)\_NTNV****802.11n(HT20)\_LCH\_2412MHz\_Ant2 (MIMO)\_NTNV**

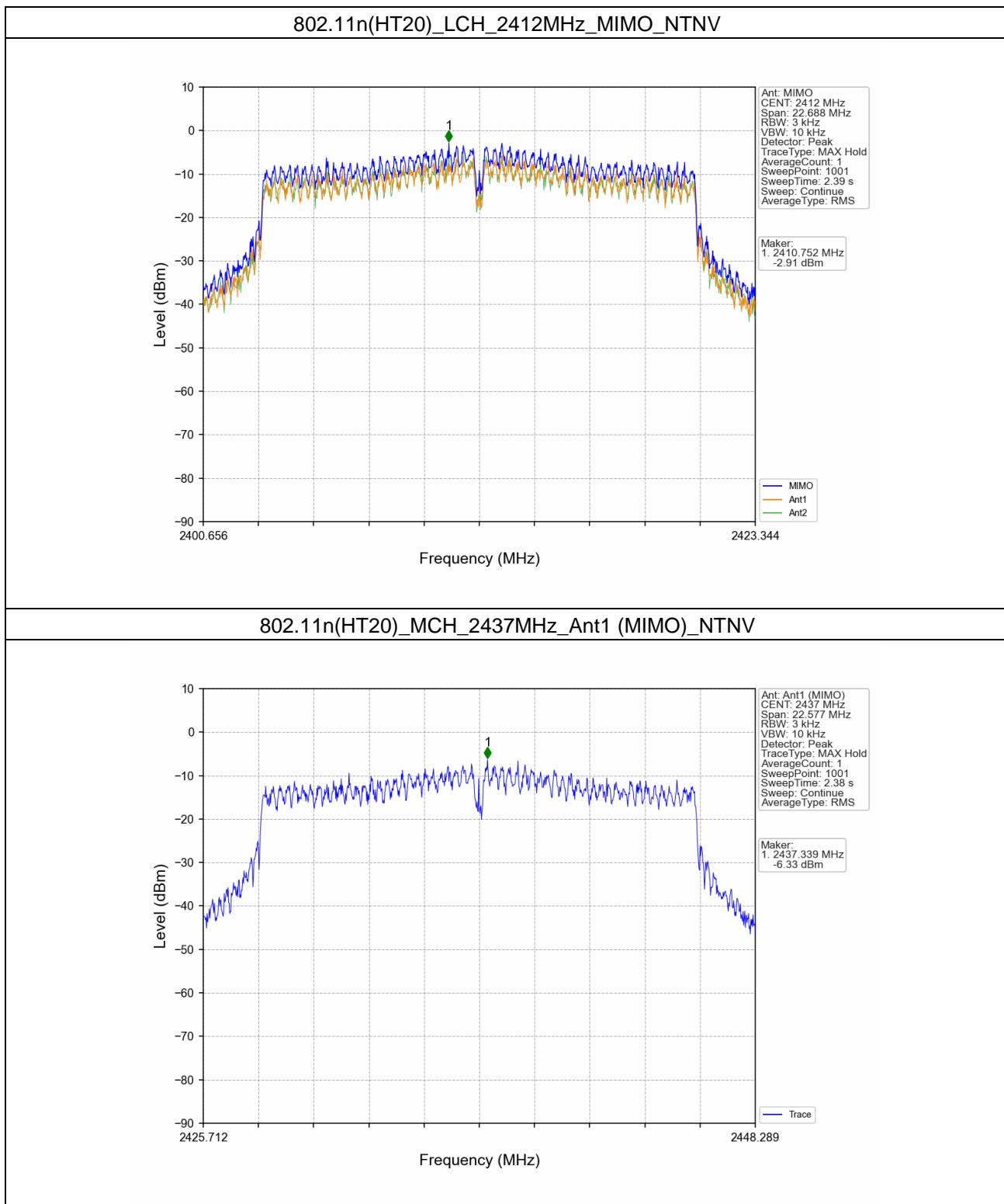
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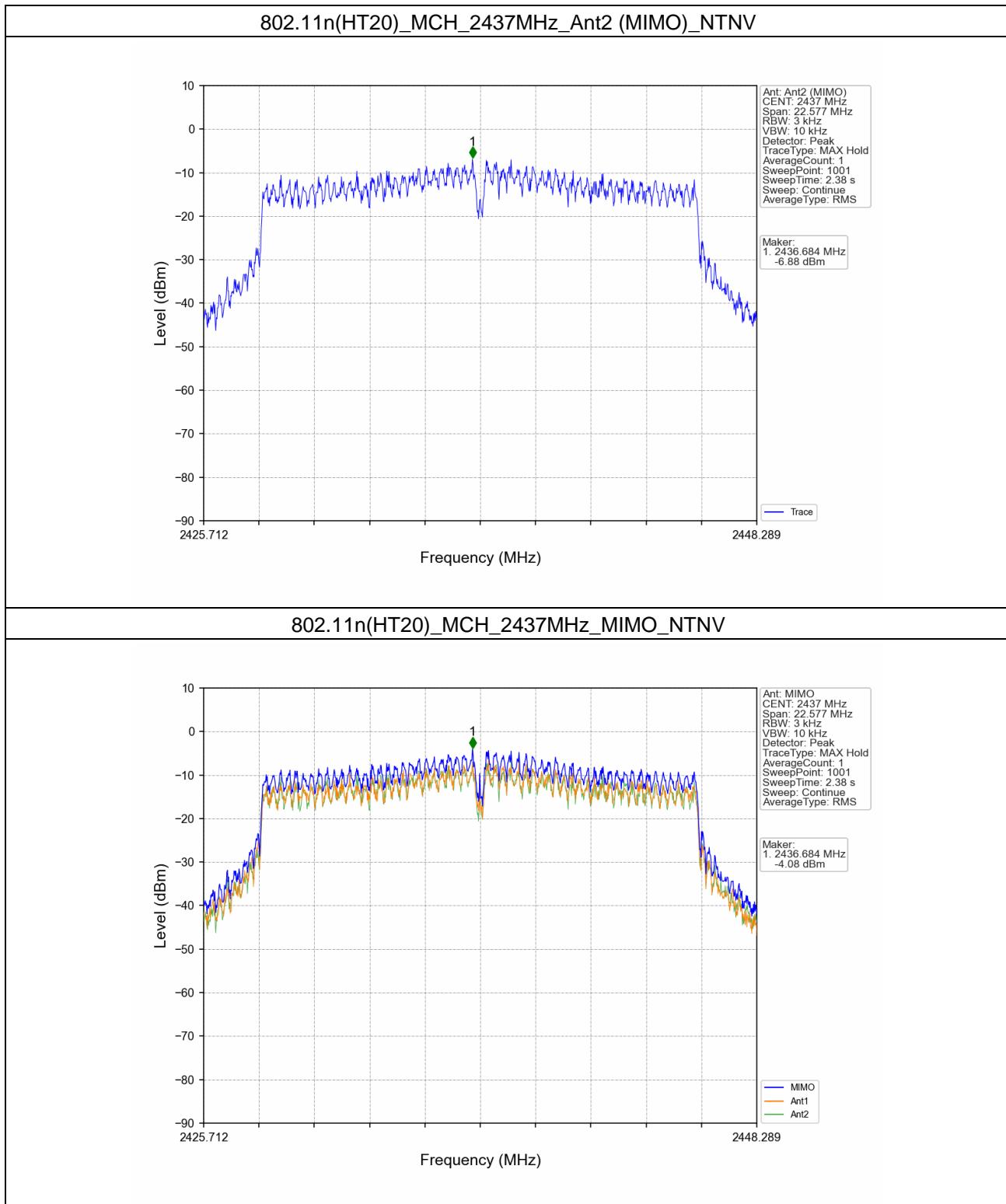


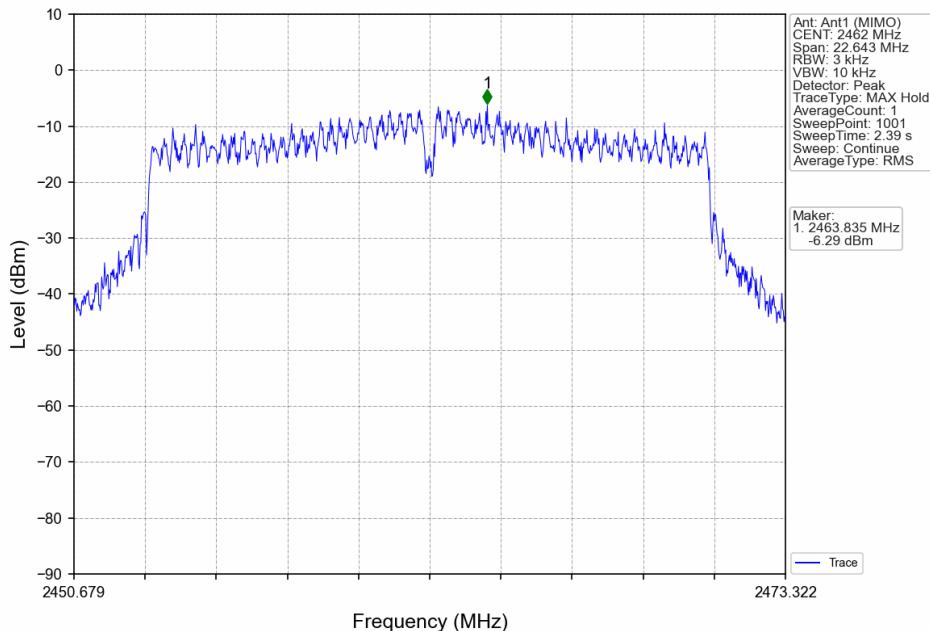
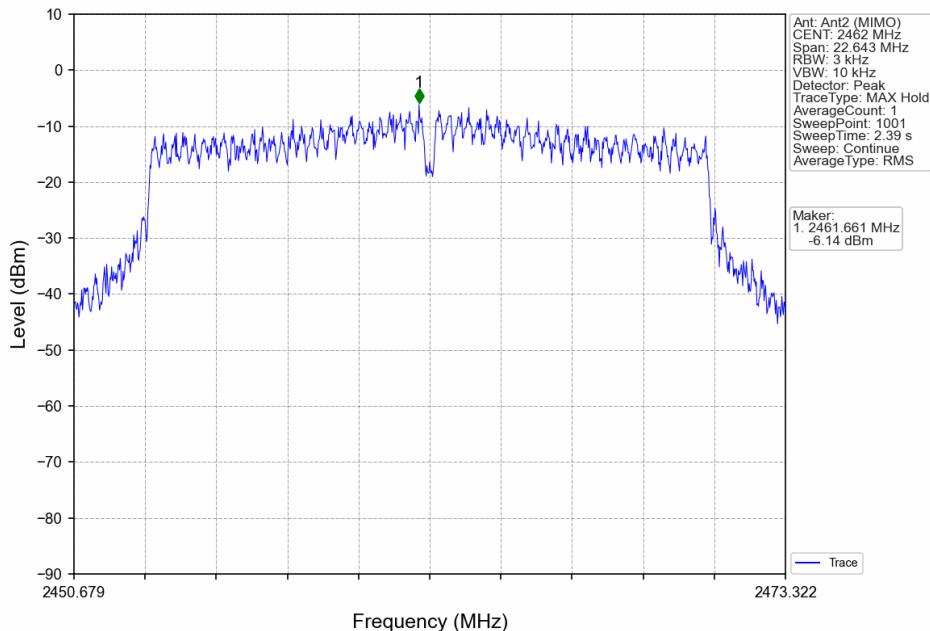
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**802.11n(HT20)\_HCH\_2462MHz\_Ant1 (MIMO)\_NTNV****802.11n(HT20)\_HCH\_2462MHz\_Ant2 (MIMO)\_NTNV**

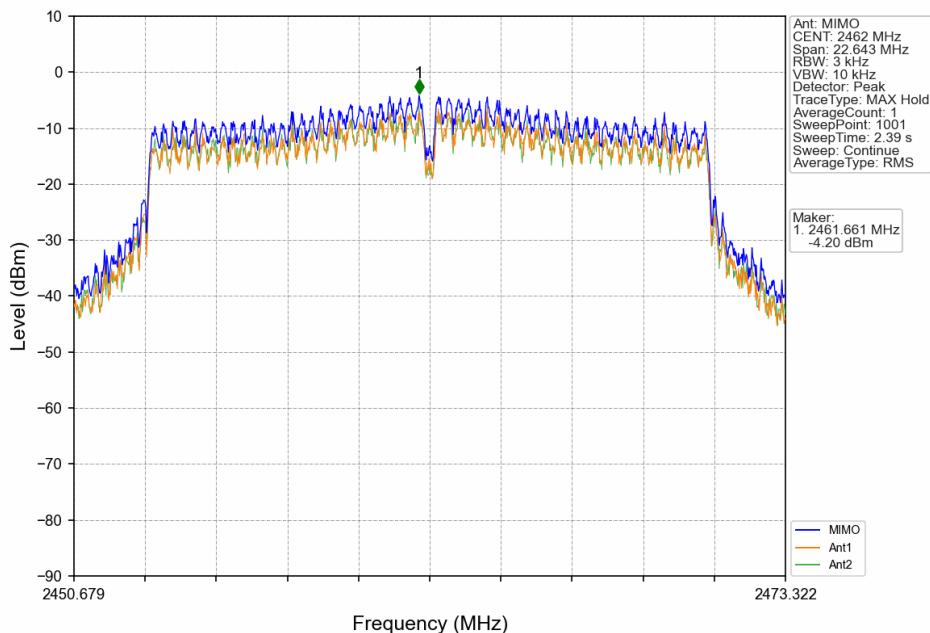
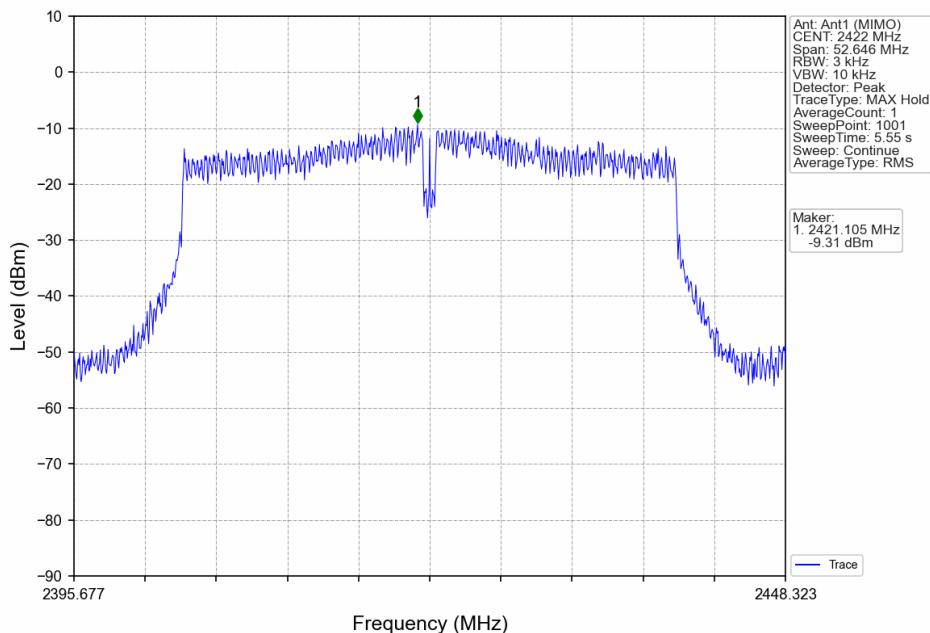
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**802.11n(HT20)\_HCH\_2462MHz\_MIMO\_NTNV****802.11n(HT40)\_LCH\_2422MHz\_Ant1 (MIMO)\_NTNV**

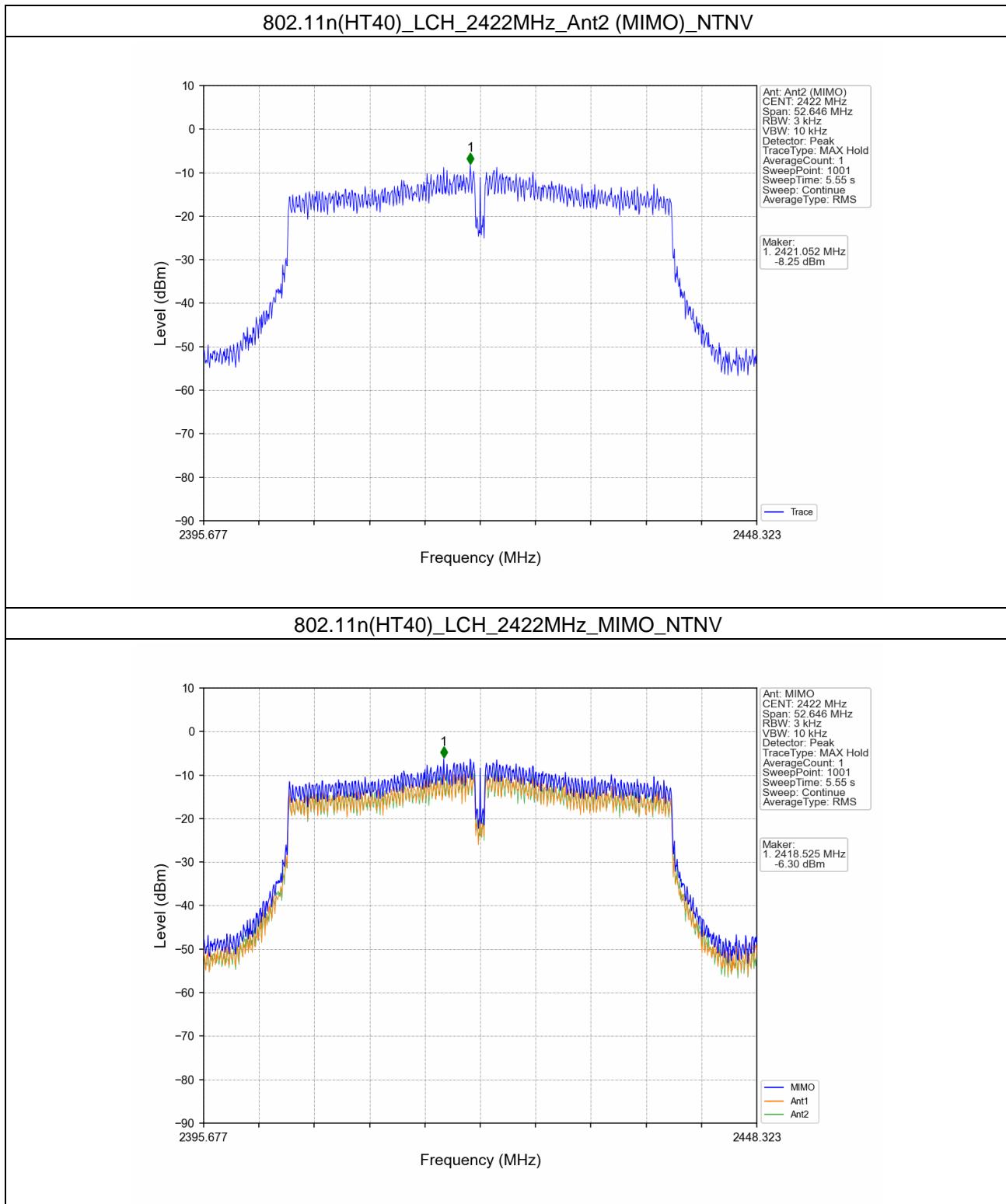
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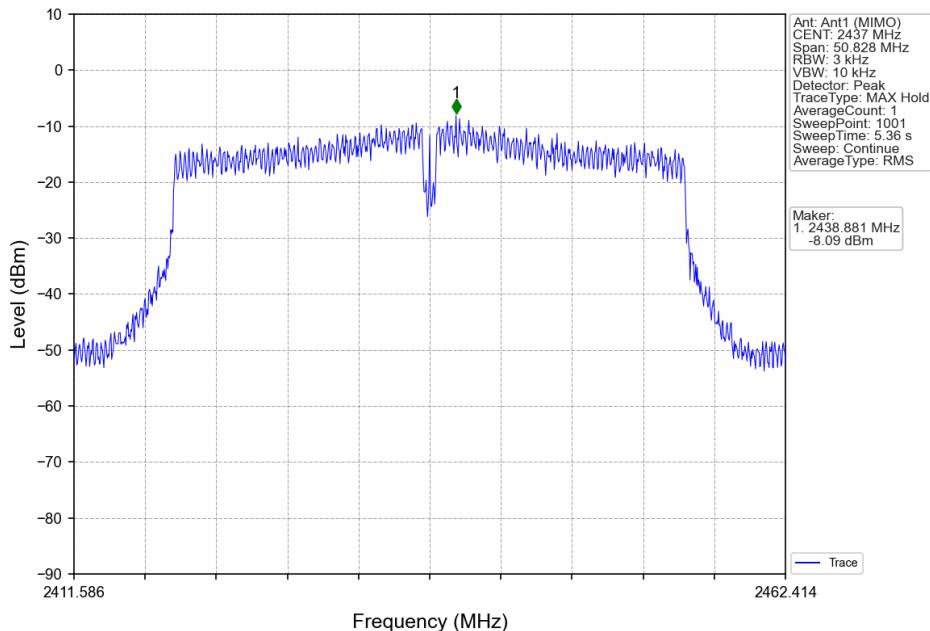
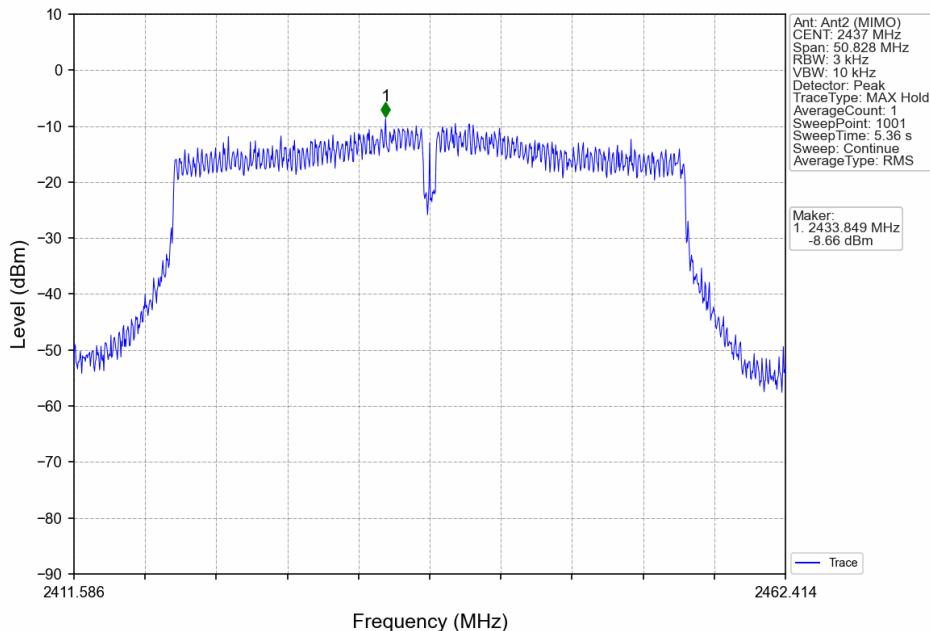
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**802.11n(HT40)\_MCH\_2437MHz\_Ant1 (MIMO)\_NTNV****802.11n(HT40)\_MCH\_2437MHz\_Ant2 (MIMO)\_NTNV**

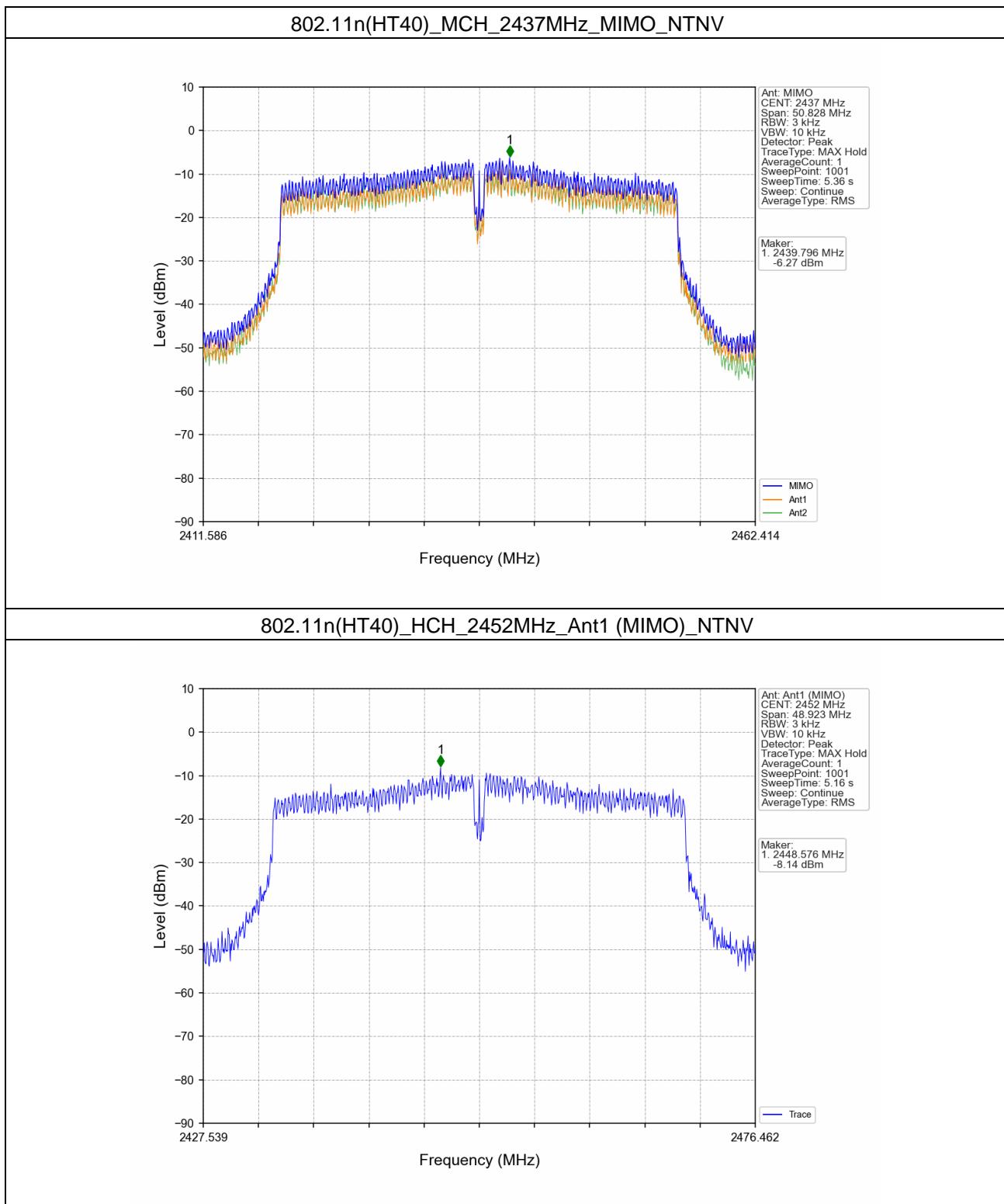
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Shenzhen Branch (SGS-CSTC) Laboratory.

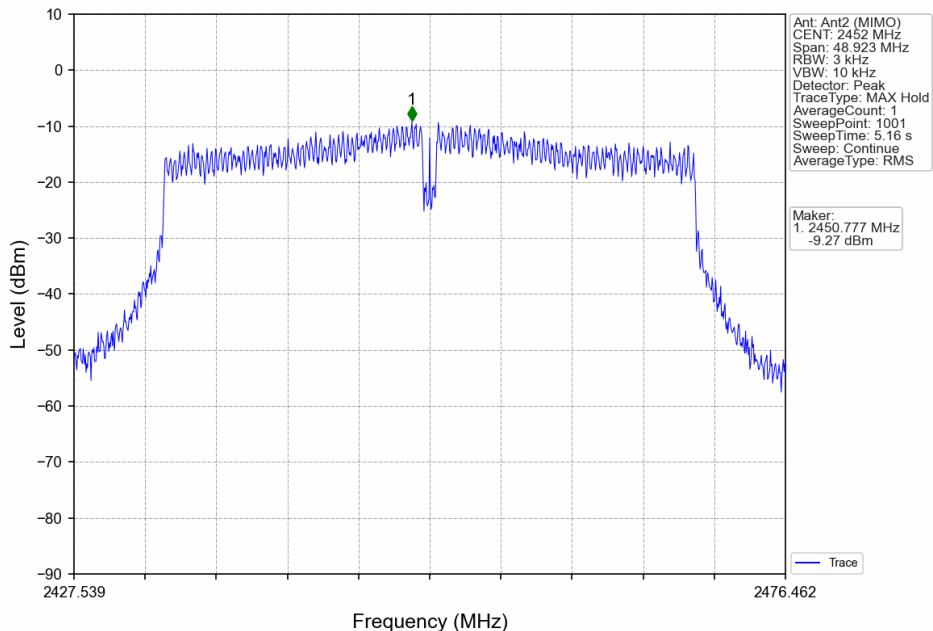
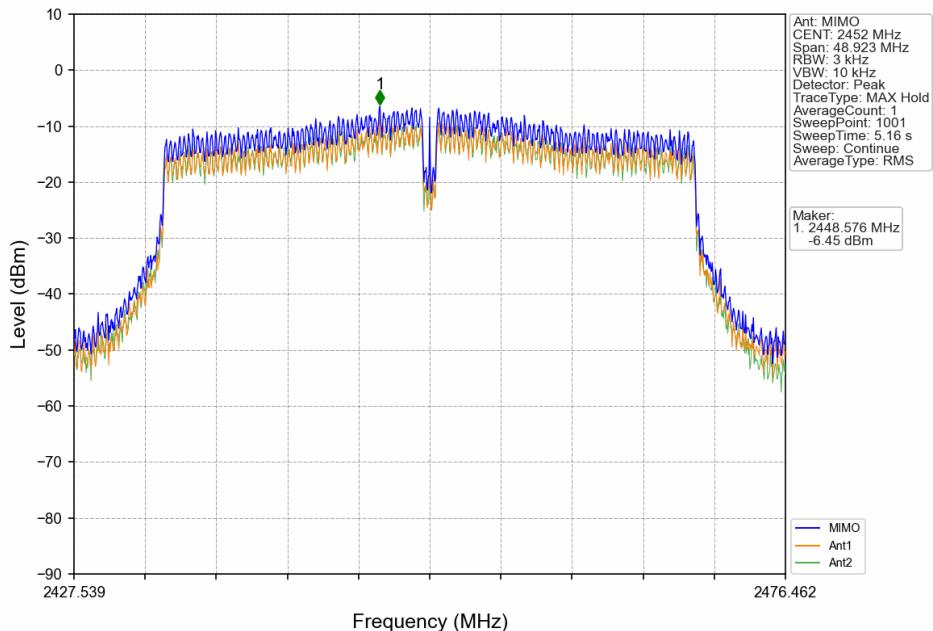
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**802.11n(HT40)\_HCH\_2452MHz\_Ant2 (MIMO)\_NTNV****802.11n(HT40)\_HCH\_2452MHz\_MIMO\_NTNV**

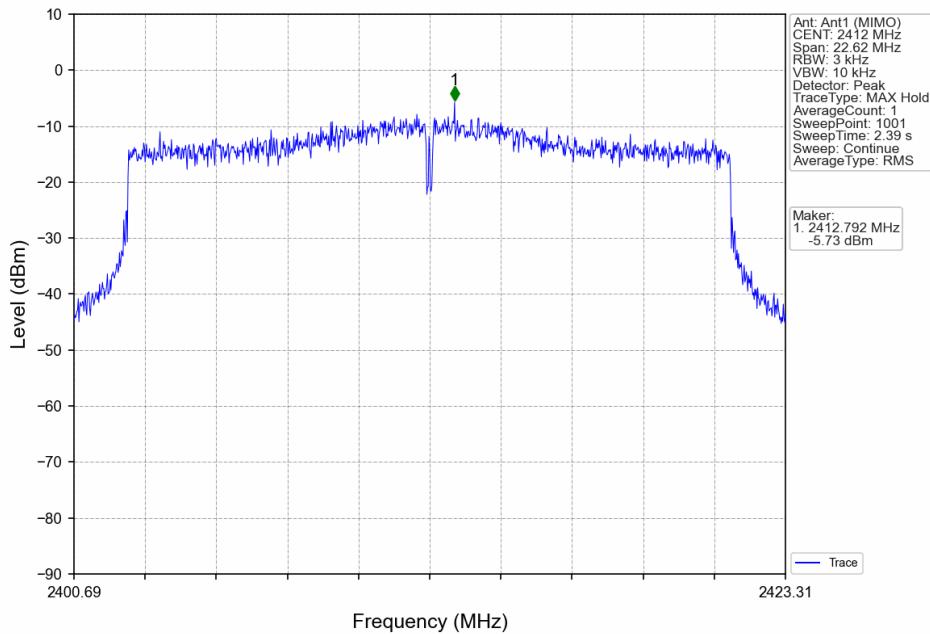
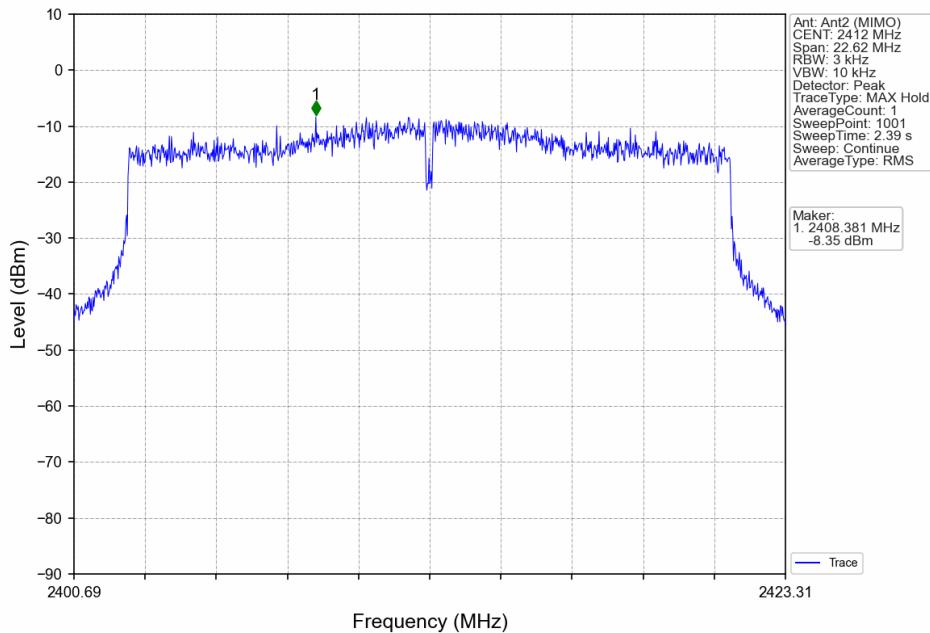
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**802.11ax(HEW20)\_LCH\_2412MHz\_RU242\_Left\_Ant1 (MIMO)\_NTNV****802.11ax(HEW20)\_LCH\_2412MHz\_RU242\_Left\_Ant2 (MIMO)\_NTNV**

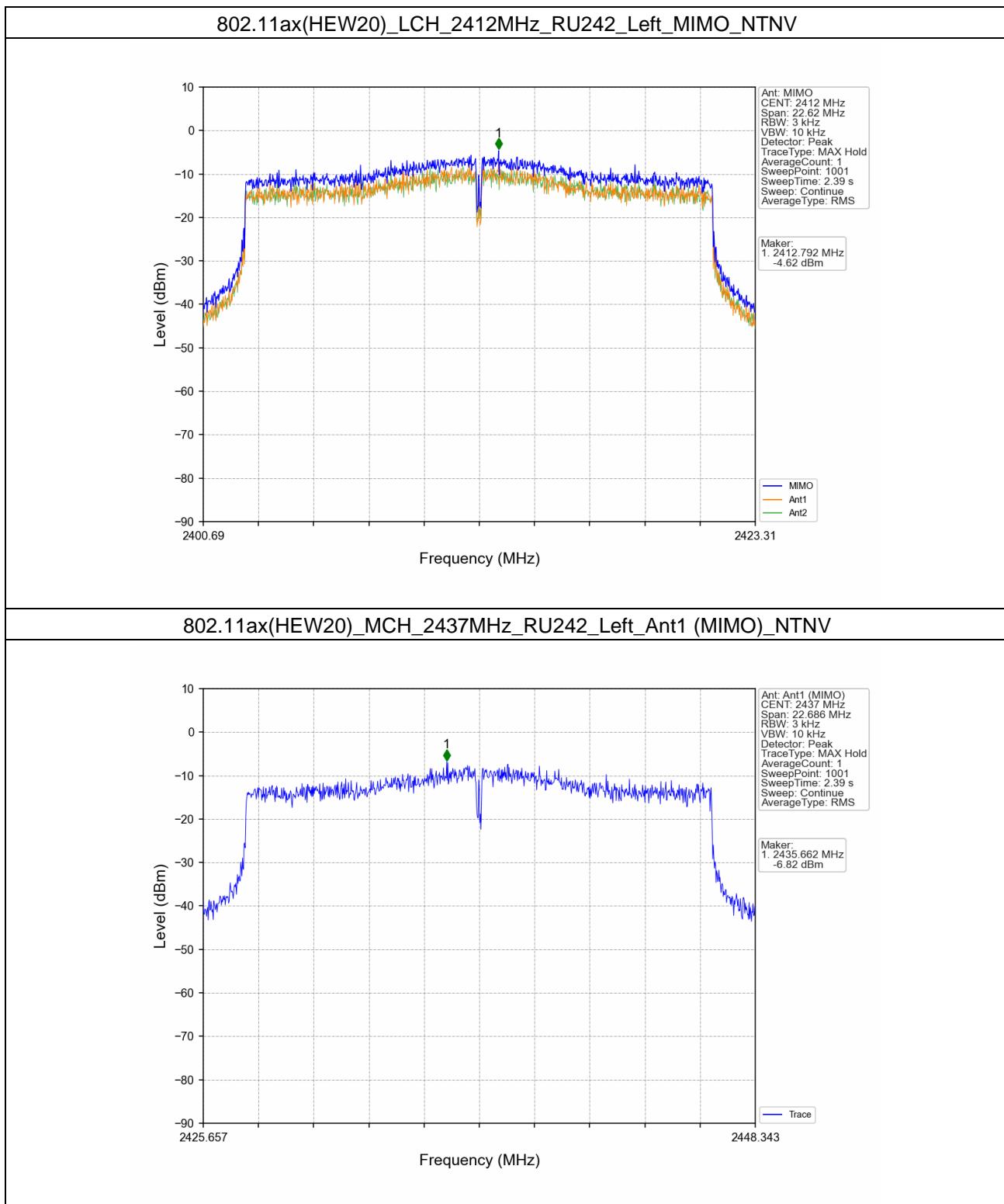
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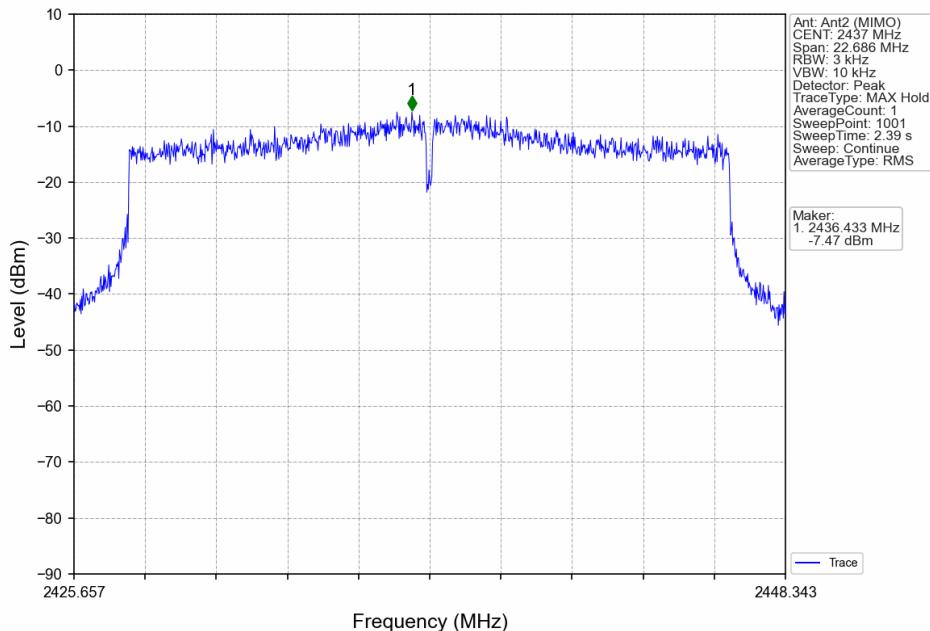
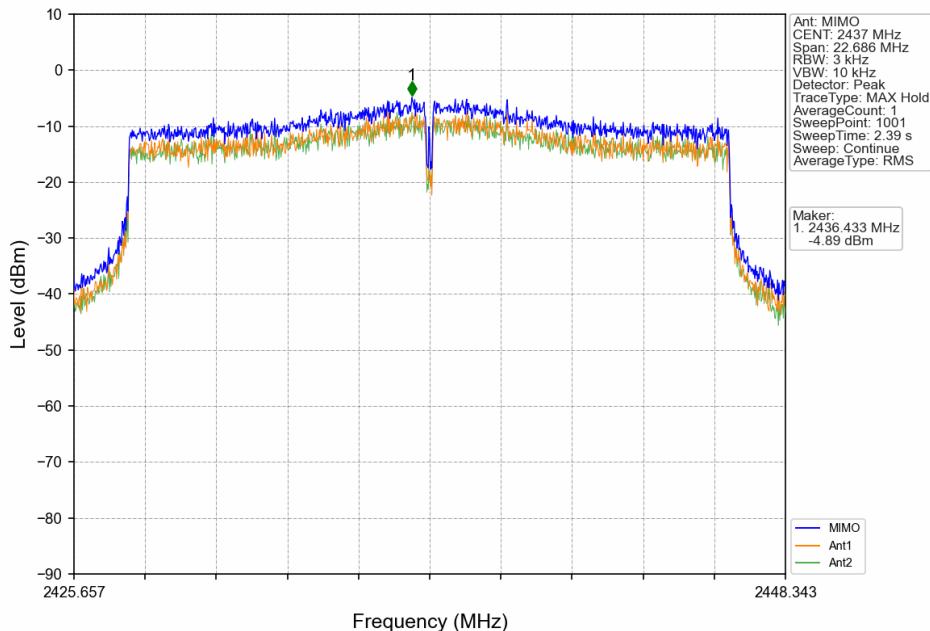


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**802.11ax(HEW20)\_MCH\_2437MHz\_RU242\_Left\_Ant2 (MIMO)\_NTNV****802.11ax(HEW20)\_MCH\_2437MHz\_RU242\_Left\_MIMO\_NTNV**

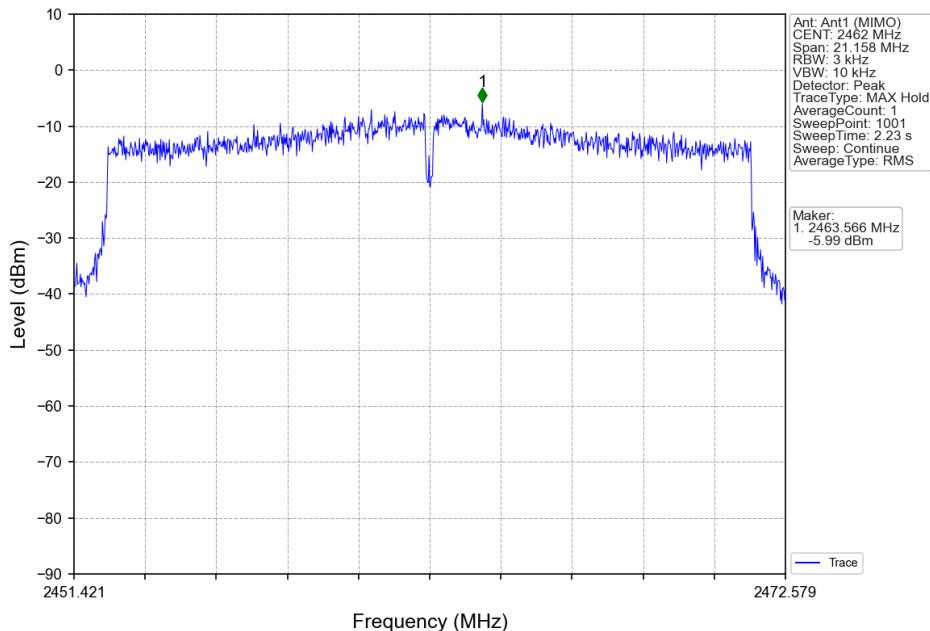
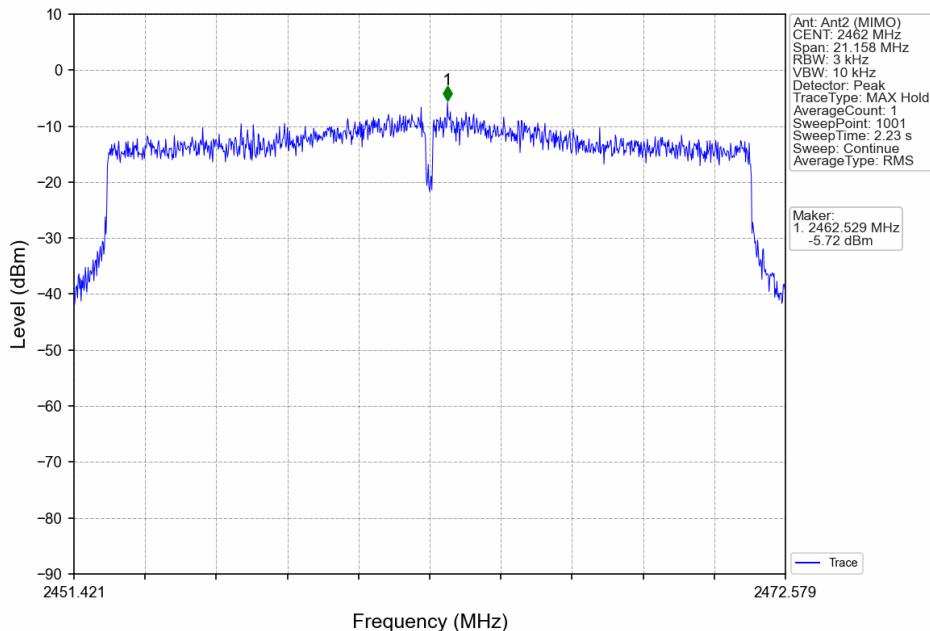
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**802.11ax(HEW20)\_HCH\_2462MHz\_RU242\_Left\_Ant1 (MIMO)\_NTNV****802.11ax(HEW20)\_HCH\_2462MHz\_RU242\_Left\_Ant2 (MIMO)\_NTNV**

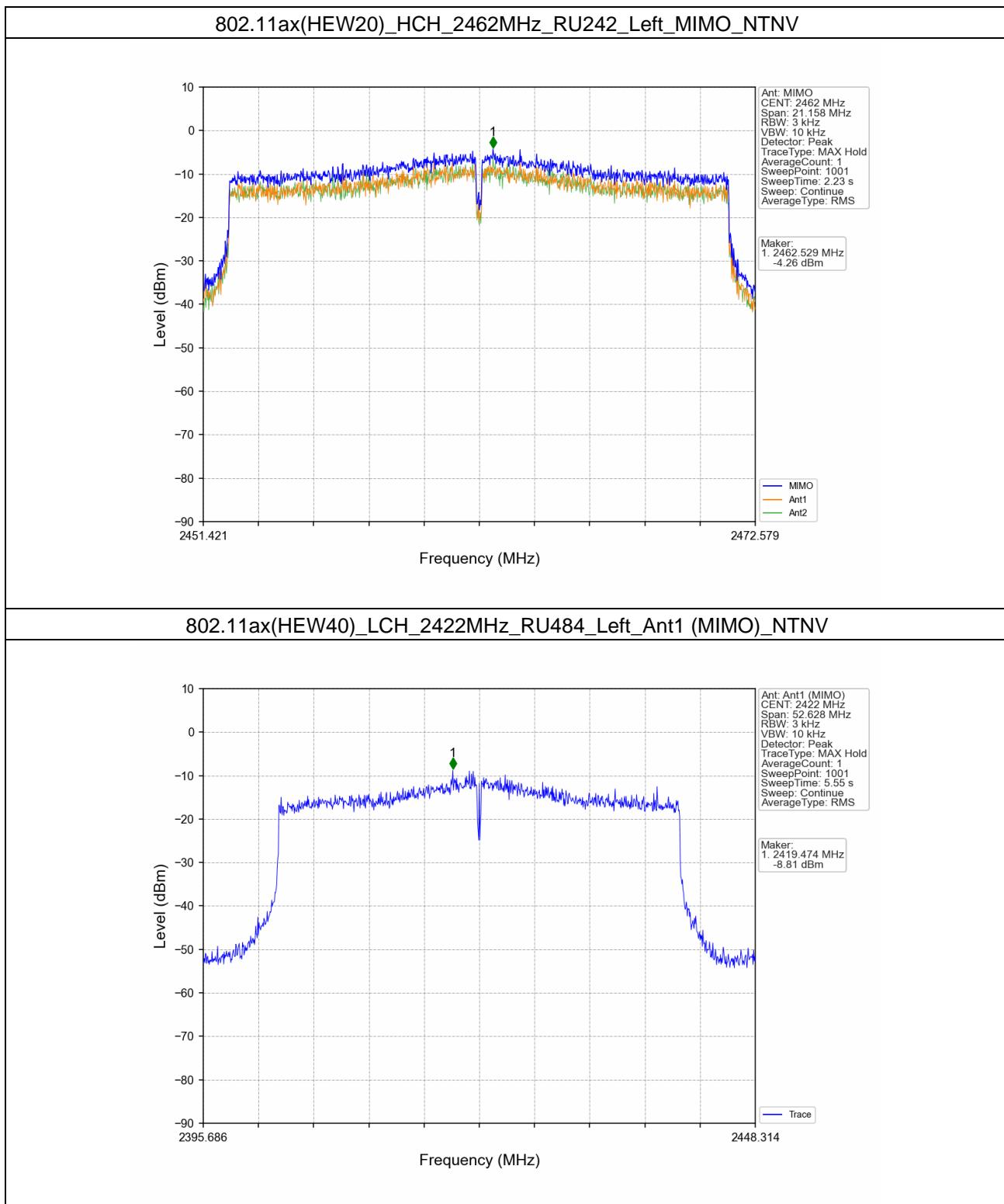
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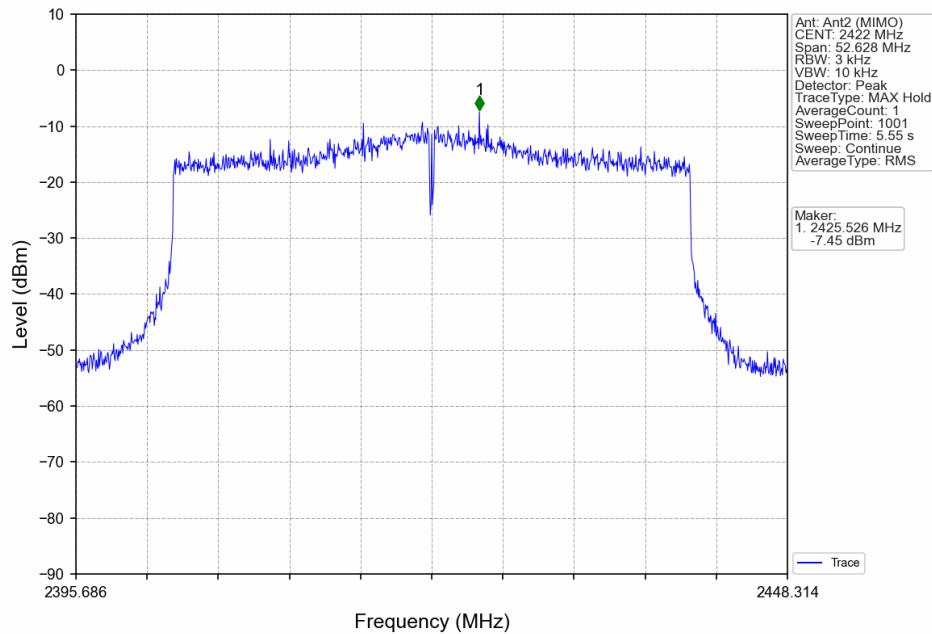
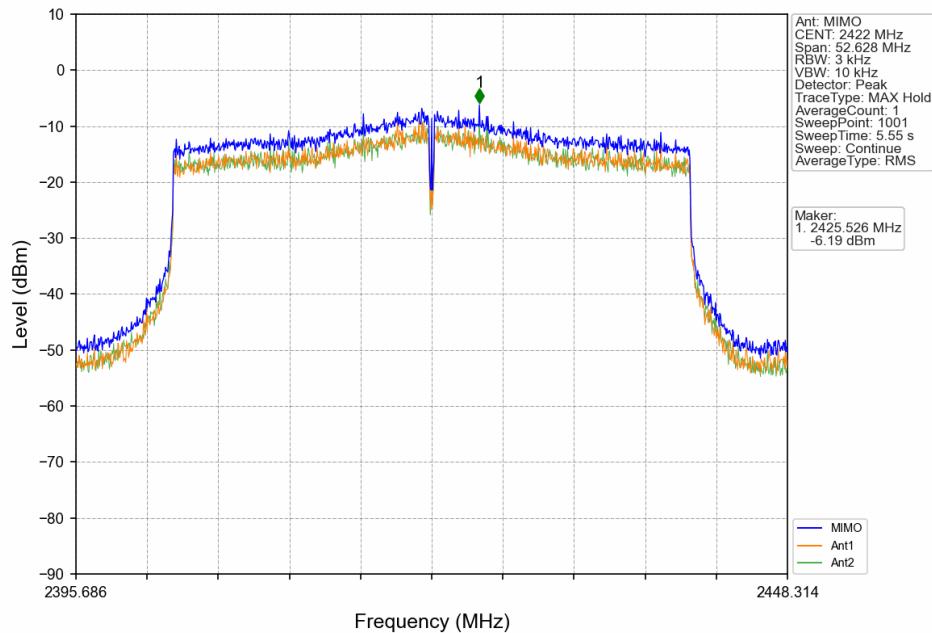
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**802.11ax(HEW40)\_LCH\_2422MHz\_RU484\_Left\_Ant2 (MIMO)\_NTNV****802.11ax(HEW40)\_LCH\_2422MHz\_RU484\_Left\_MIMO\_NTNV**

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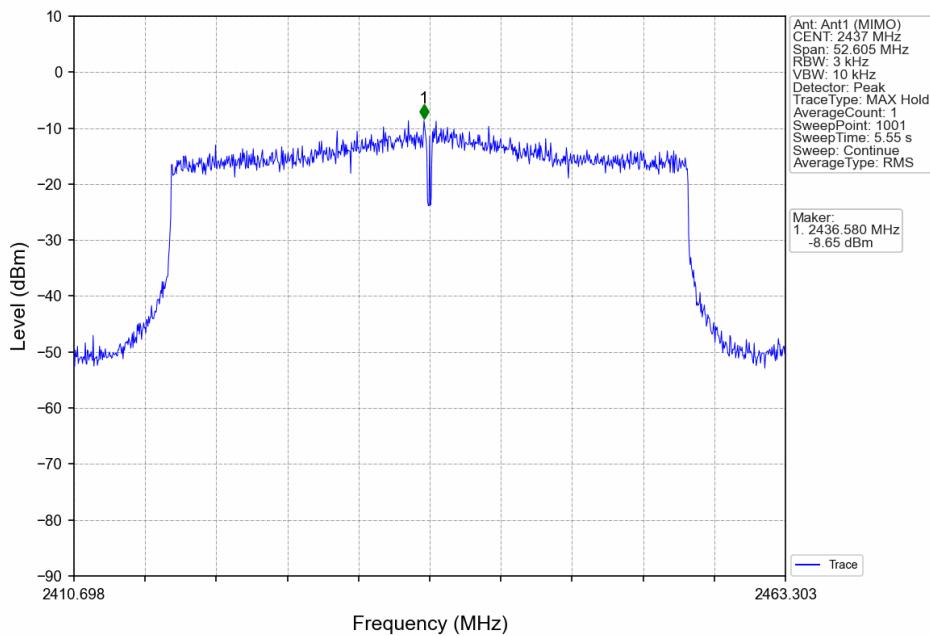
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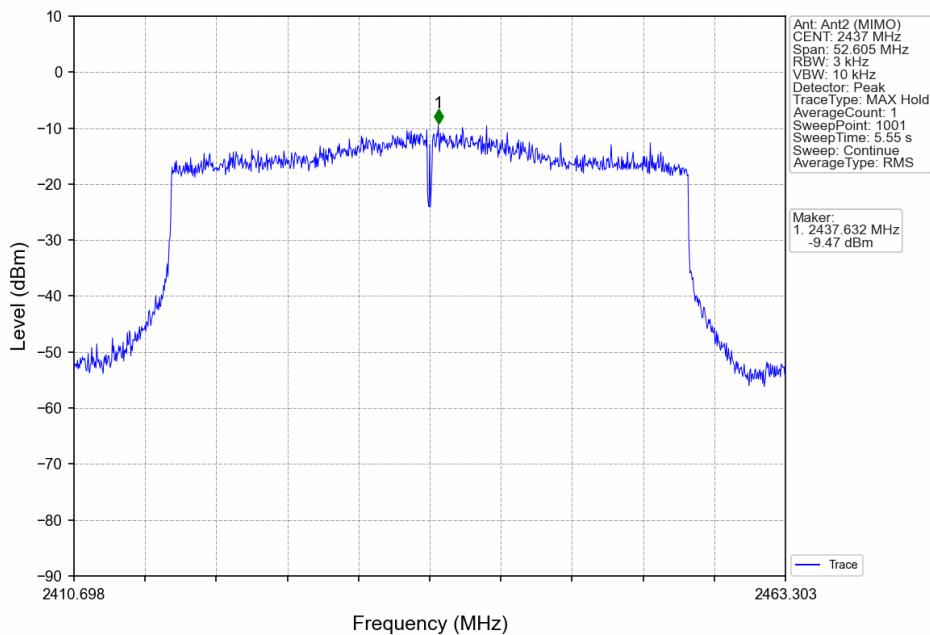
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### 802.11ax(HEW40)\_MCH\_2437MHz\_RU484\_Left\_Ant1 (MIMO)\_NTNV



### 802.11ax(HEW40)\_MCH\_2437MHz\_RU484\_Left\_Ant2 (MIMO)\_NTNV



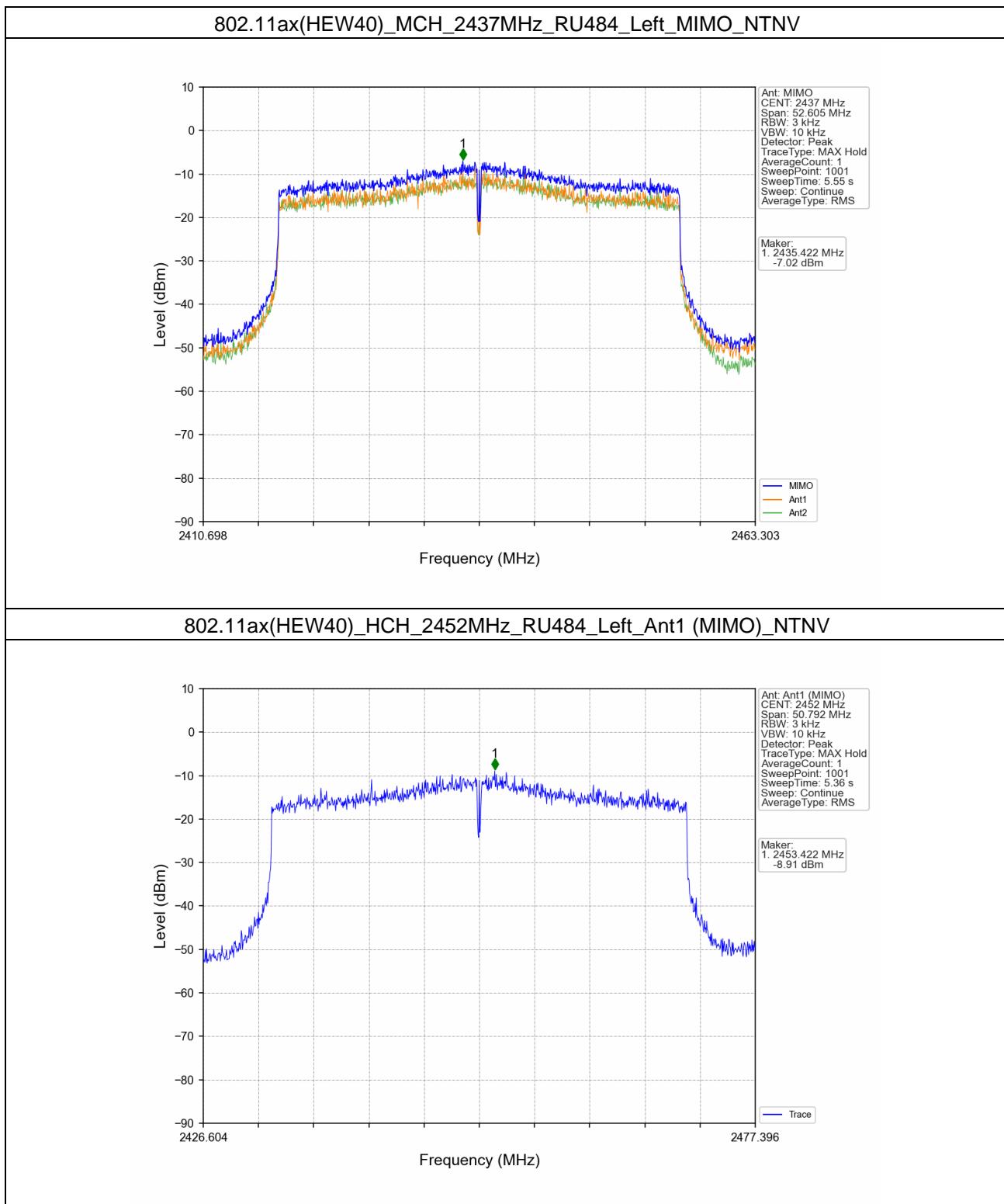
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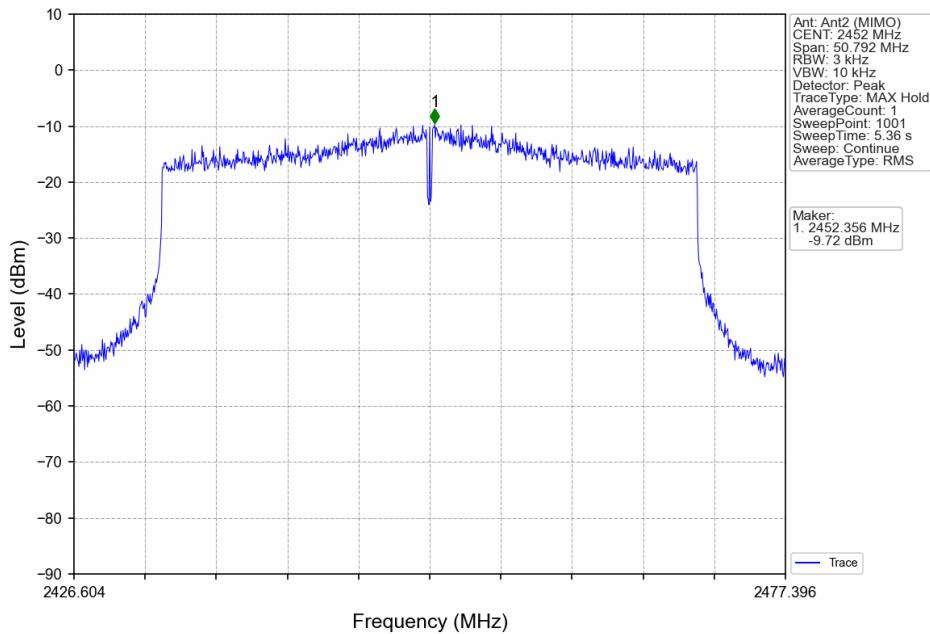
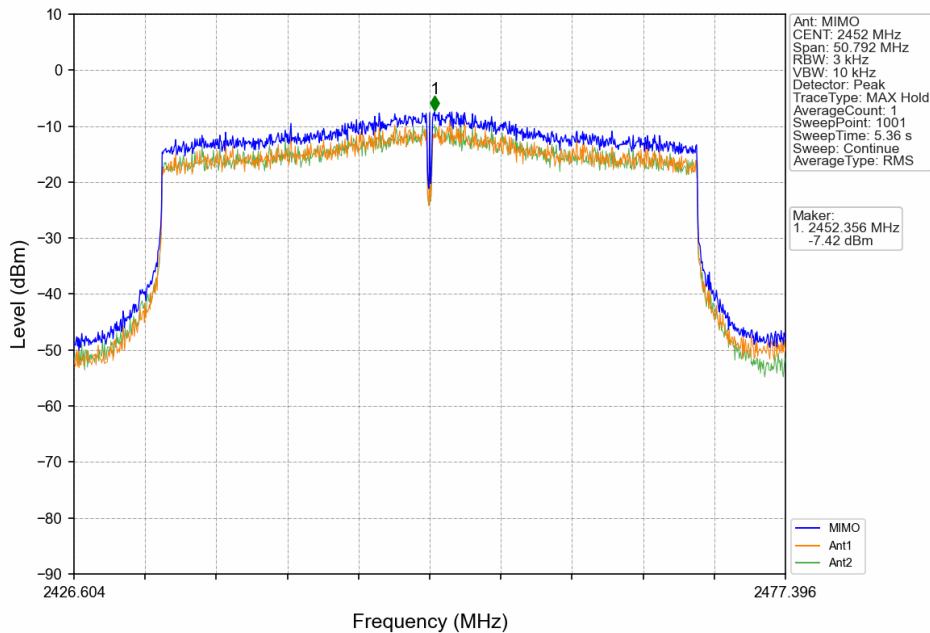
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**802.11ax(HEW40)\_HCH\_2452MHz\_RU484\_Left\_Ant2 (MIMO)\_NTNV****802.11ax(HEW40)\_HCH\_2452MHz\_RU484\_Left\_MIMO\_NTNV**

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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)	RU	RU Pos	ANT	Level of Reference (dBm)
802.11b	SISO	2412	/	/	1	13.06
					2	13.04
		2437	/	/	1	13.65
					2	13.36
		2462	/	/	1	13.74
					2	13.52
802.11g	SISO	2412	/	/	1	9.70
					2	9.61
		2437	/	/	1	10.51
					2	10.09
		2462	/	/	1	10.55
					2	10.53
802.11n (HT20)	MIMO	2412	/	/	1	11.00
					2	11.42
		2437	/	/	1	9.67
					2	9.73
		2462	/	/	1	10.79
					2	10.13
802.11n (HT40)	MIMO	2422	/	/	1	5.44
					2	5.10
		2437	/	/	1	6.08
					2	5.84
		2452	/	/	1	5.73
					2	5.75

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SZEMC-TRF-01 Rev. A/1

Report No.: SZCR240200049702

Page: 159 of 209

802.11ax (HEW20)	MIMO	2412	RU242	Left	1	9.82
					2	8.05
	2437	RU242	Left	1	9.40	
				2	9.92	
	2462	RU242	Left	1	10.03	
				2	9.08	
	MIMO	2422	RU484	Left	1	5.58
					2	5.78
		2437	RU484	Left	1	5.21
					2	5.34
		2452	RU484	Left	1	5.34
					2	5.87

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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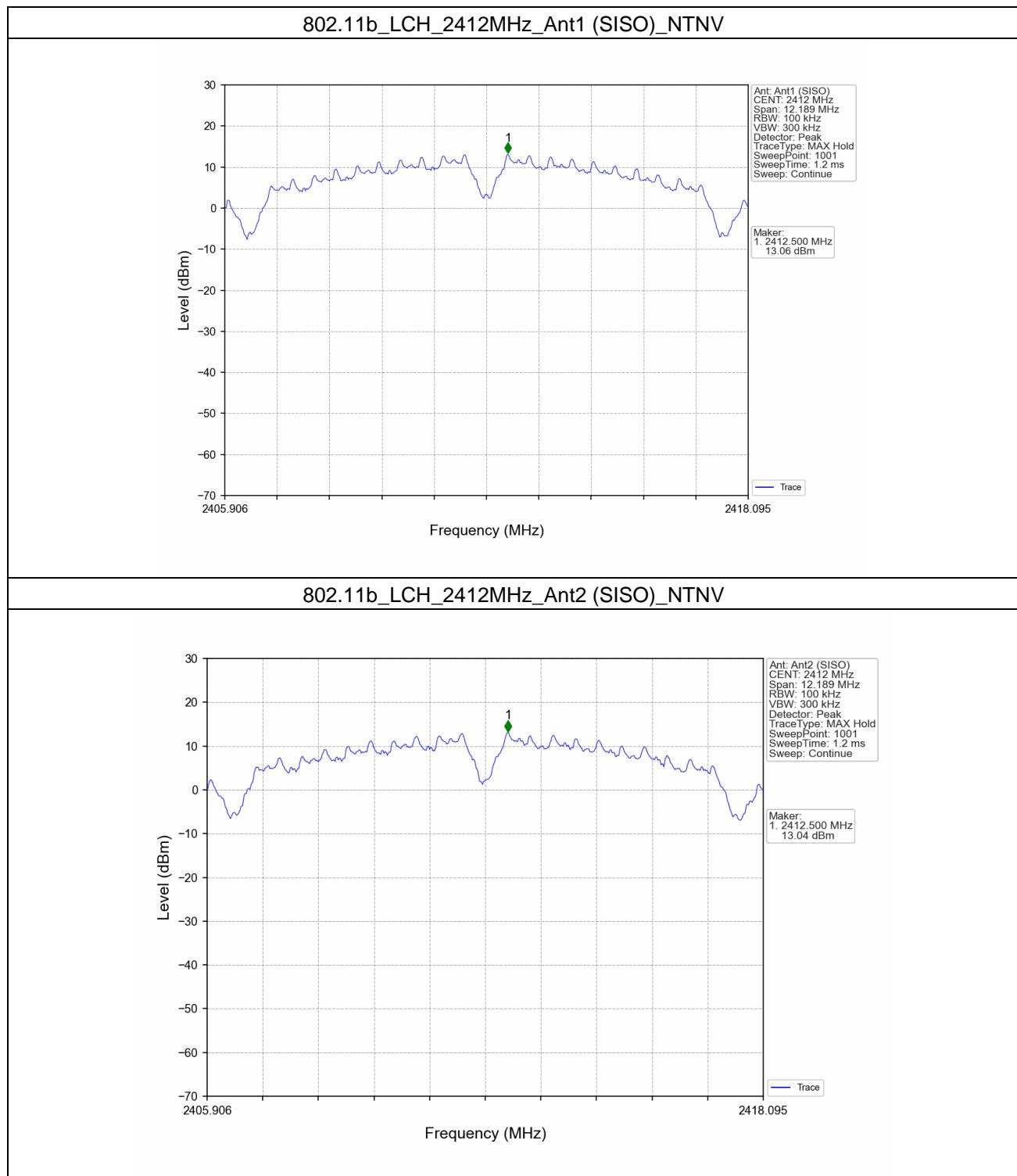
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### 5.1.2 Test Graph

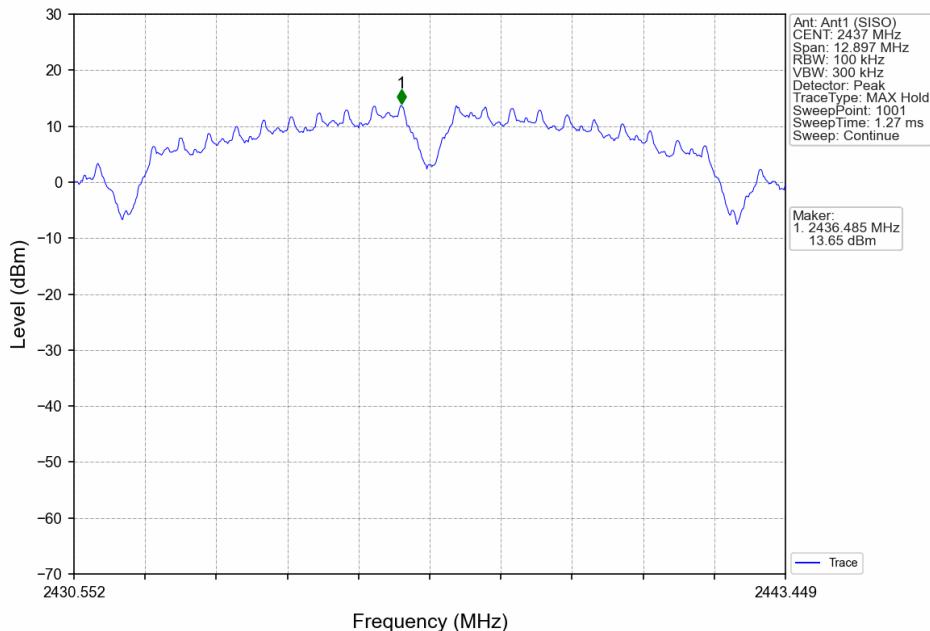
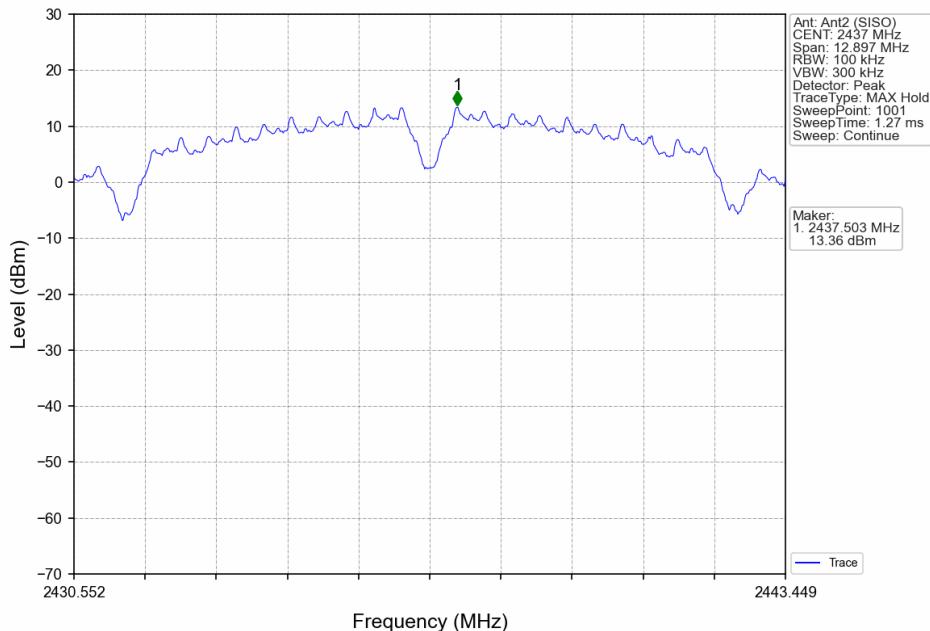


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**802.11b\_MCH\_2437MHz\_Ant1 (SISO)\_NTNV****802.11b\_MCH\_2437MHz\_Ant2 (SISO)\_NTNV**

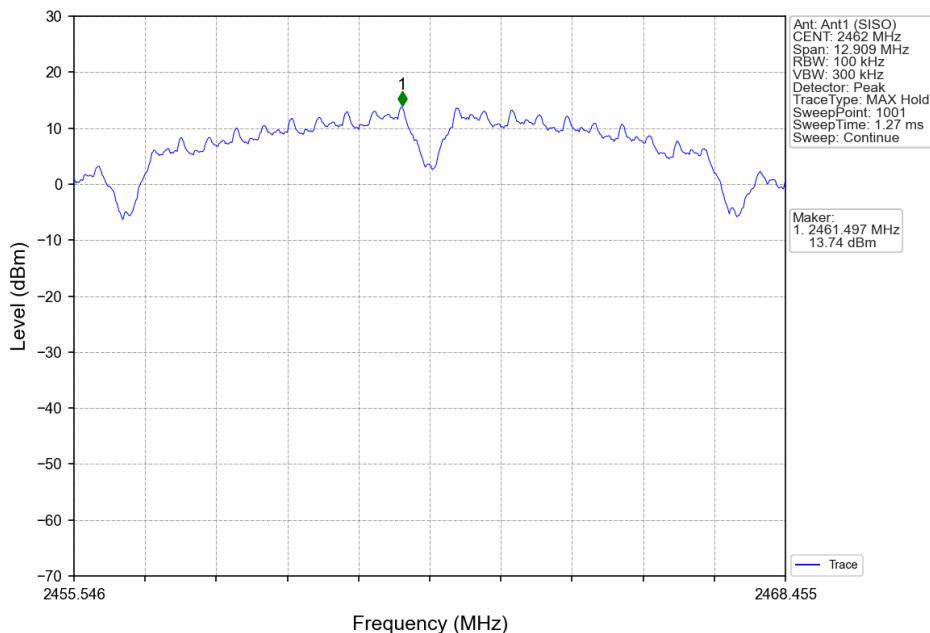
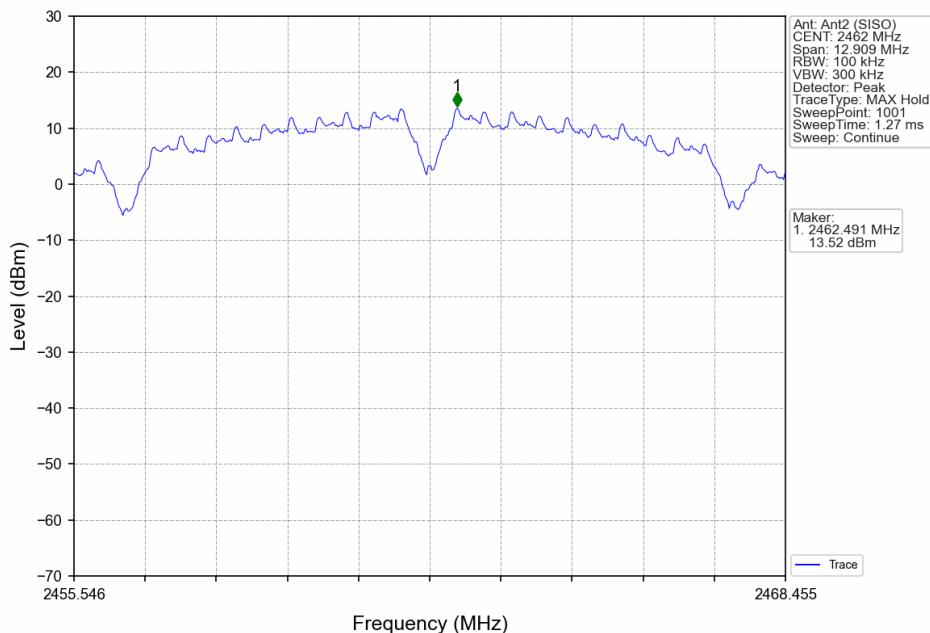
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**802.11b\_HCH\_2462MHz\_Ant1 (SISO)\_NTNV****802.11b\_HCH\_2462MHz\_Ant2 (SISO)\_NTNV**

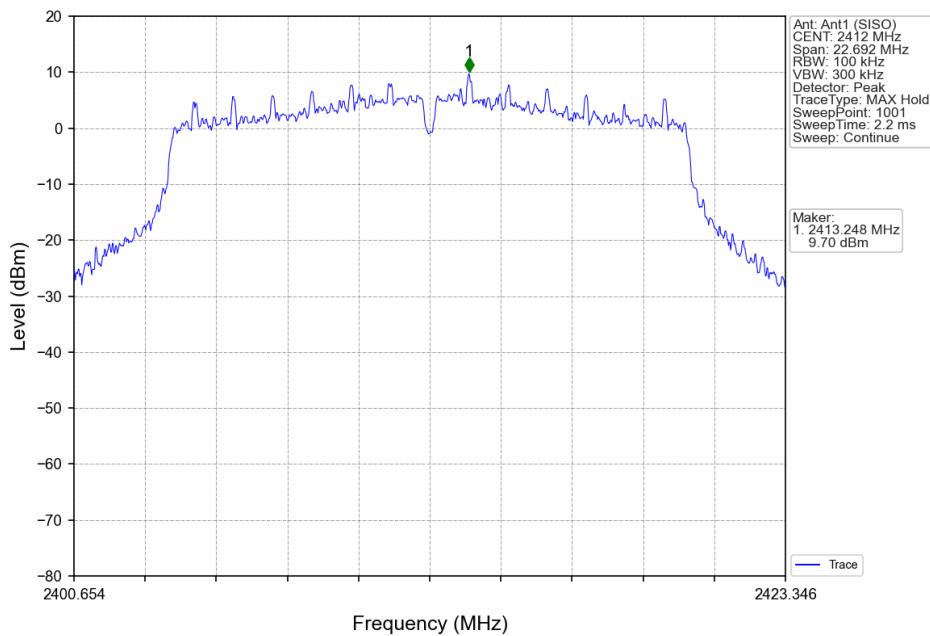
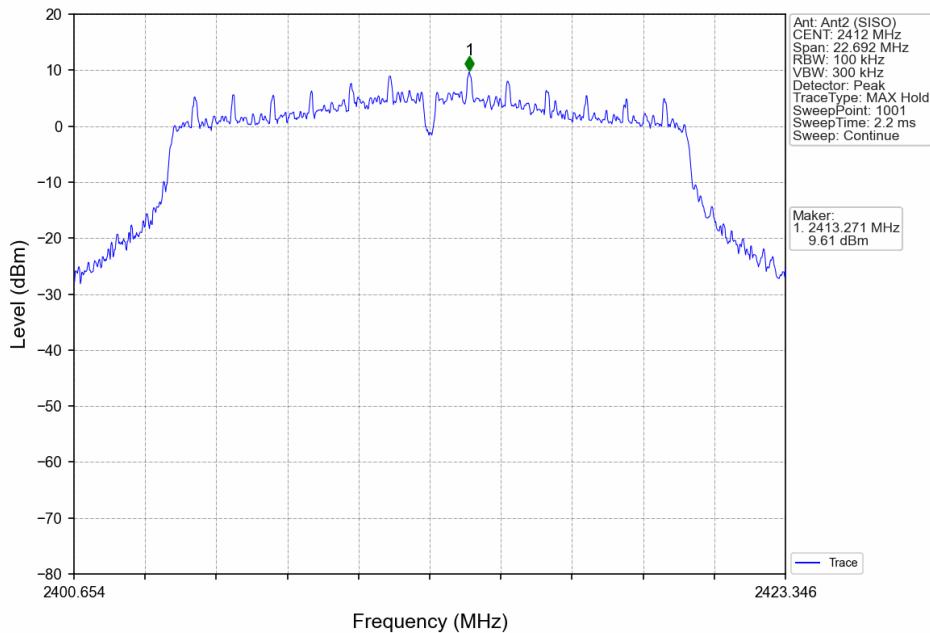
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**802.11g\_LCH\_2412MHz\_Ant1 (SISO)\_NTNV****802.11g\_LCH\_2412MHz\_Ant2 (SISO)\_NTNV**

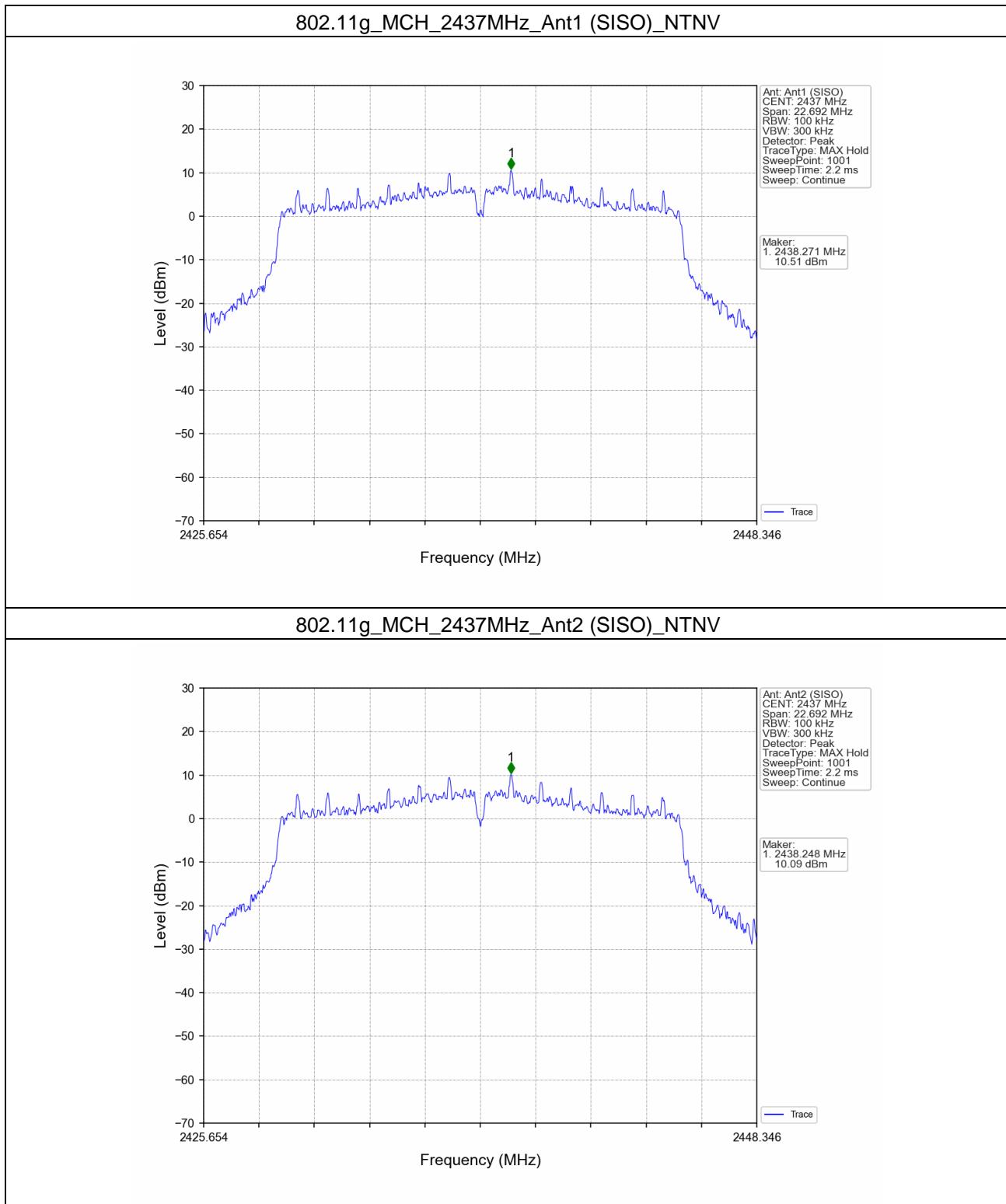
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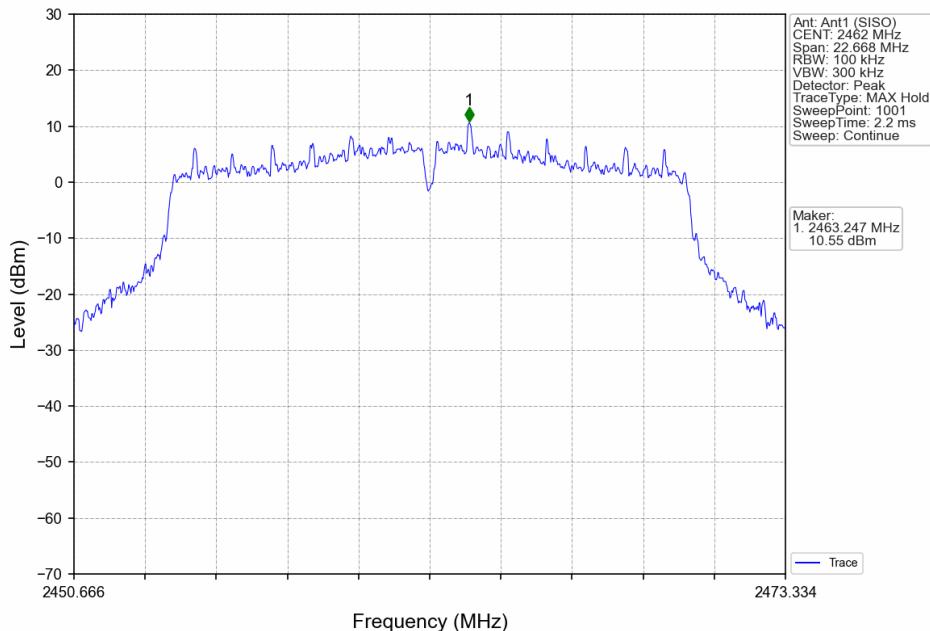
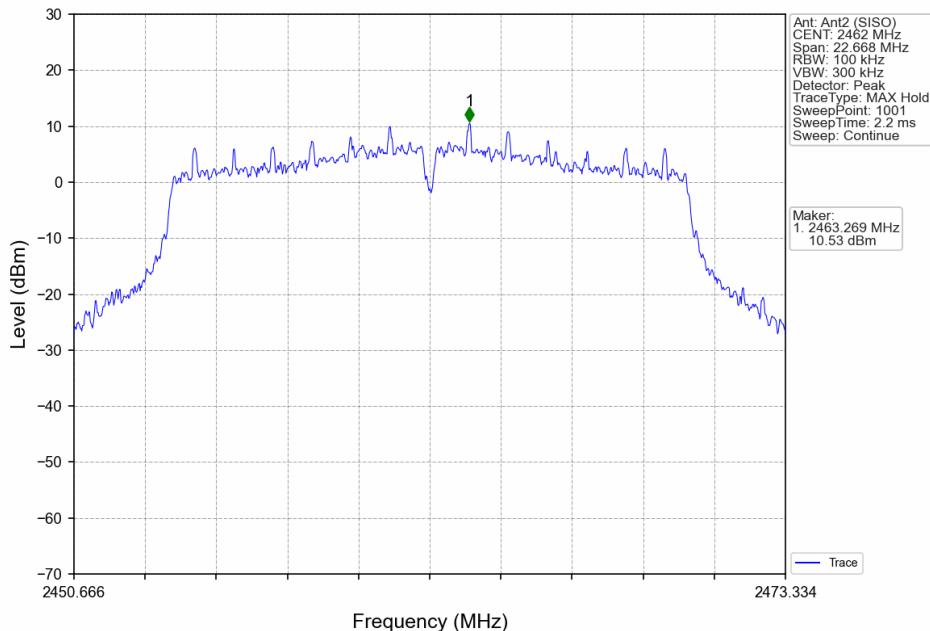
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**802.11g\_HCH\_2462MHz\_Ant1 (SISO)\_NTNV****802.11g\_HCH\_2462MHz\_Ant2 (SISO)\_NTNV**

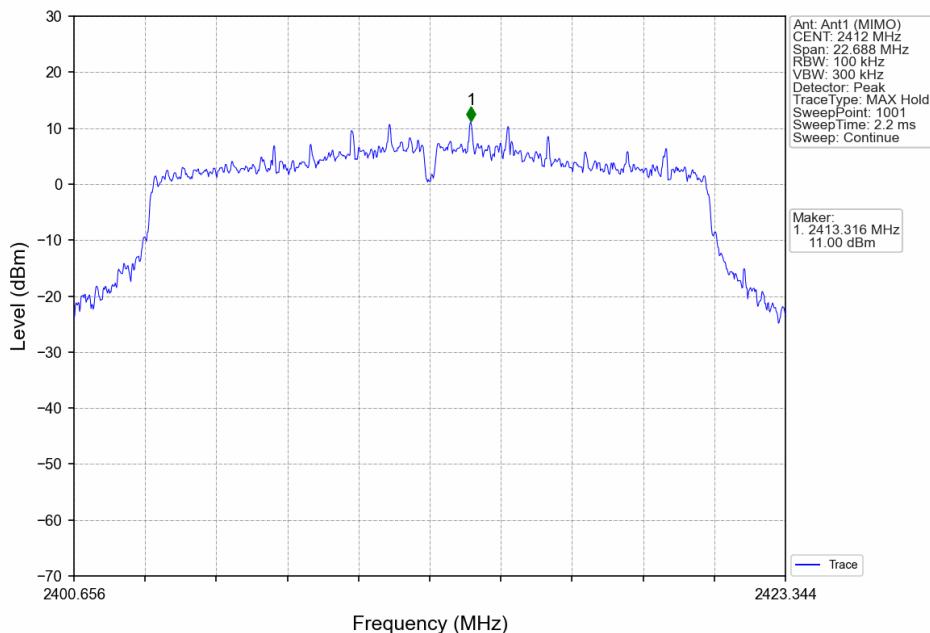
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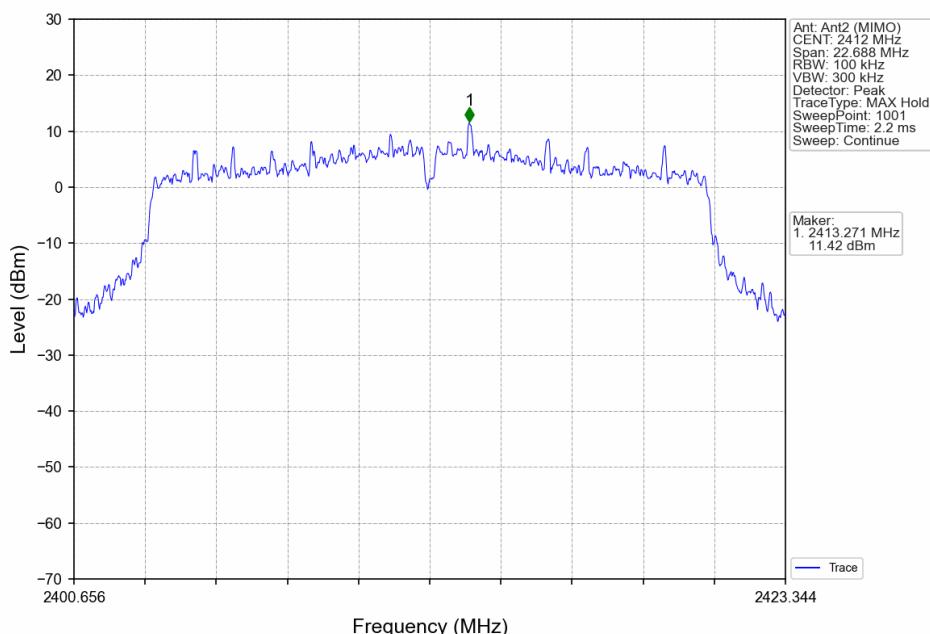


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### 802.11n(HT20)\_LCH\_2412MHz\_Ant1 (MIMO)\_NTNV



### 802.11n(HT20)\_LCH\_2412MHz\_Ant2 (MIMO)\_NTNV



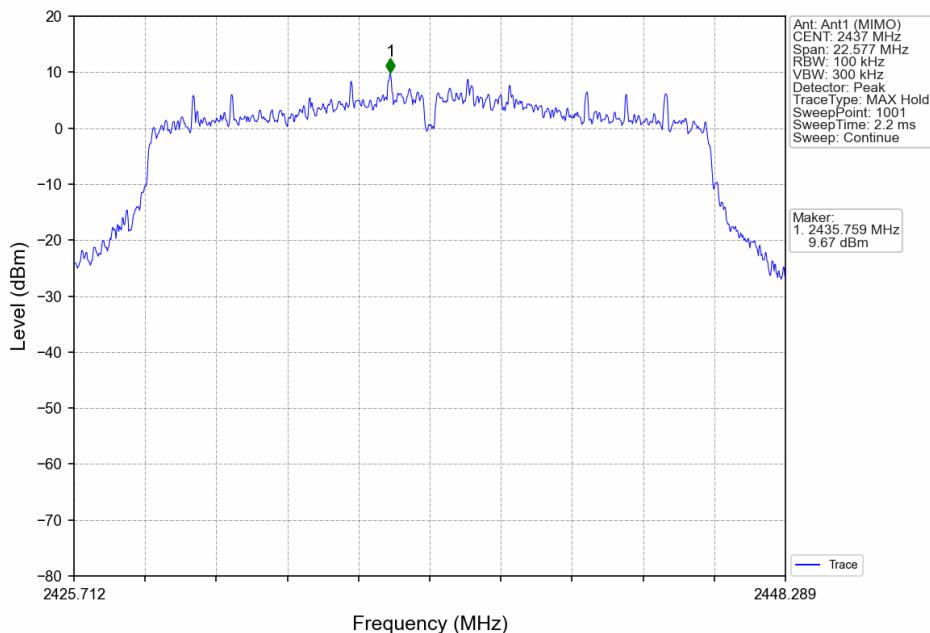
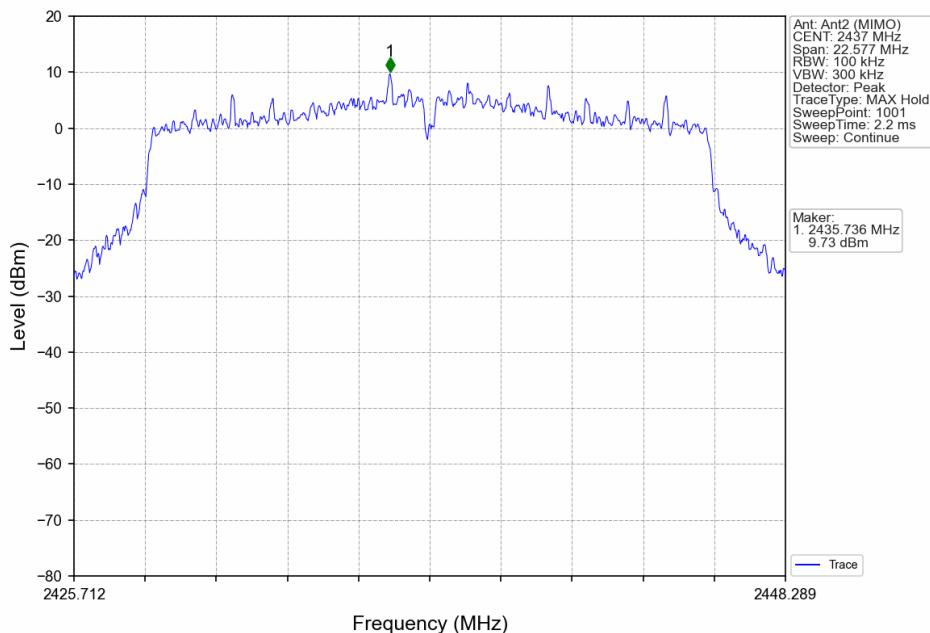
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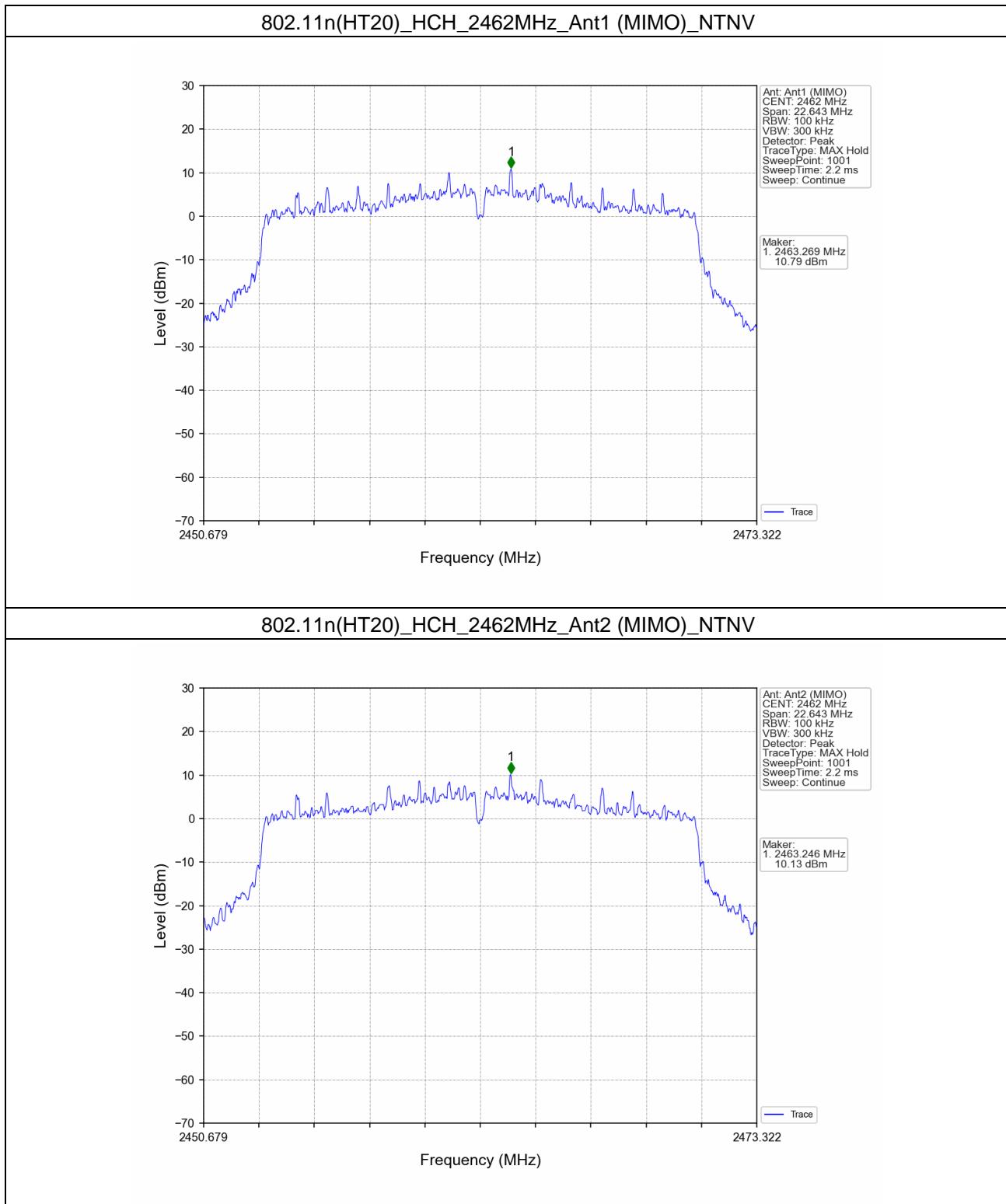
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**802.11n(HT20)\_MCH\_2437MHz\_Ant1 (MIMO)\_NTNV****802.11n(HT20)\_MCH\_2437MHz\_Ant2 (MIMO)\_NTNV**

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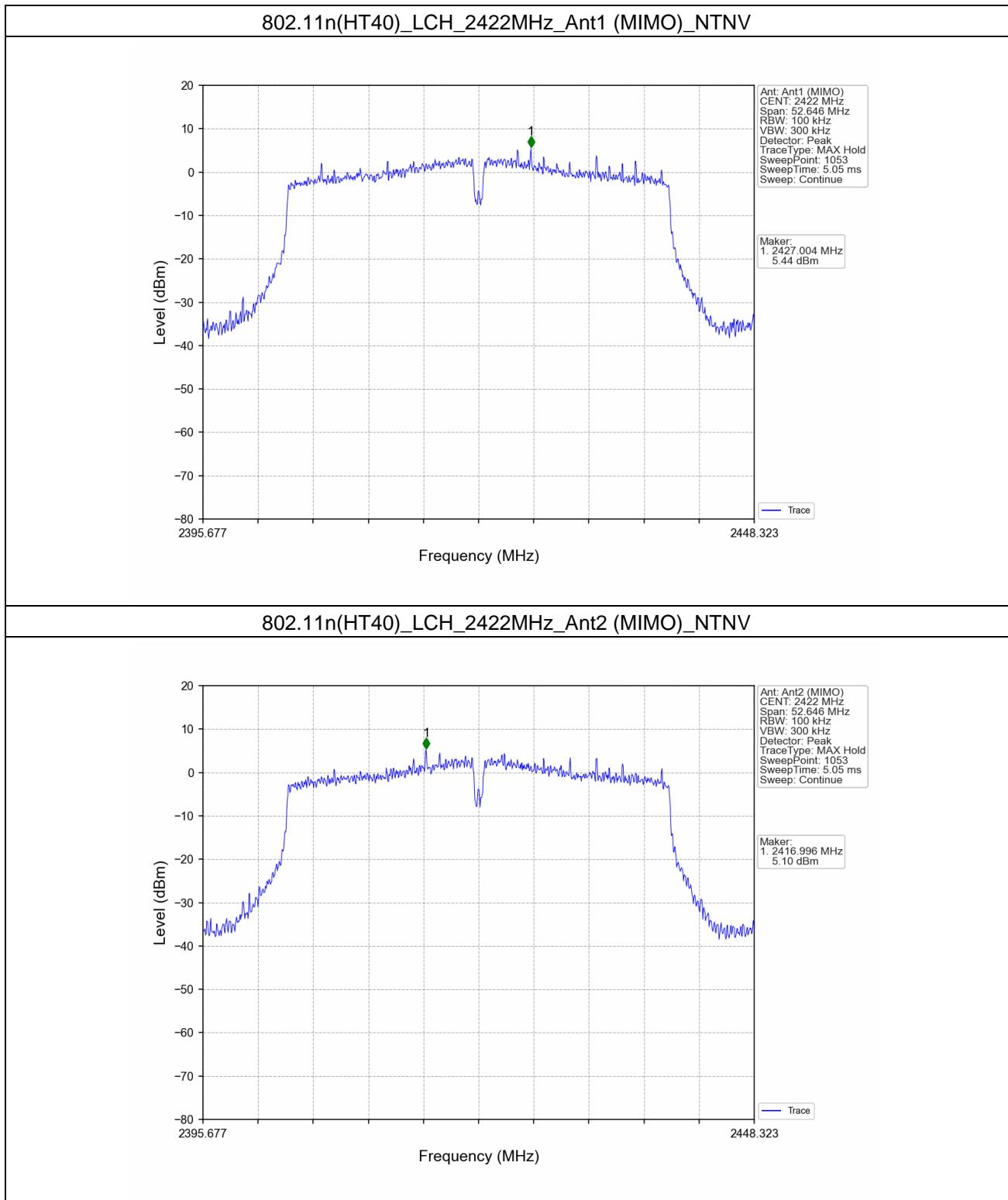
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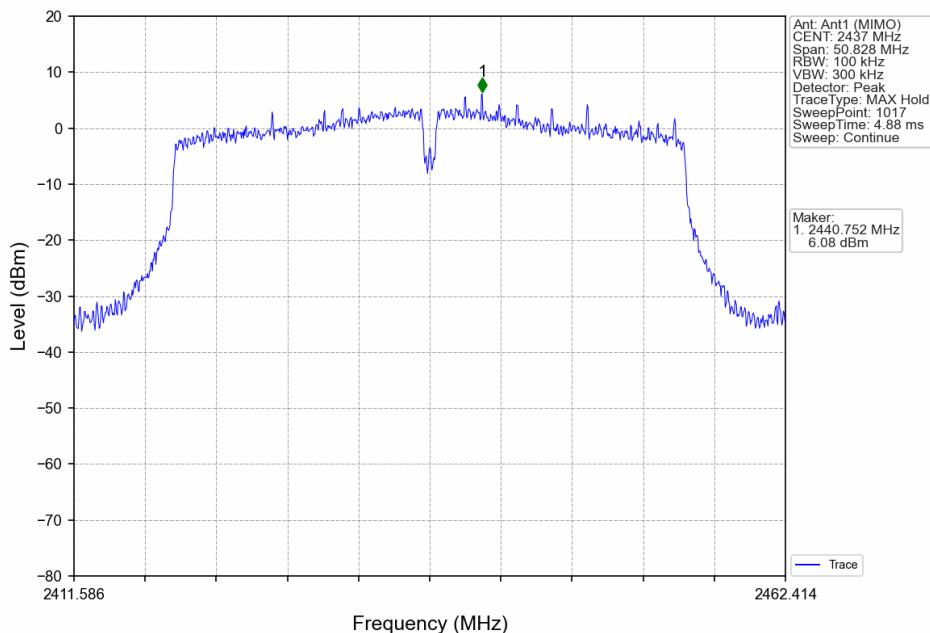
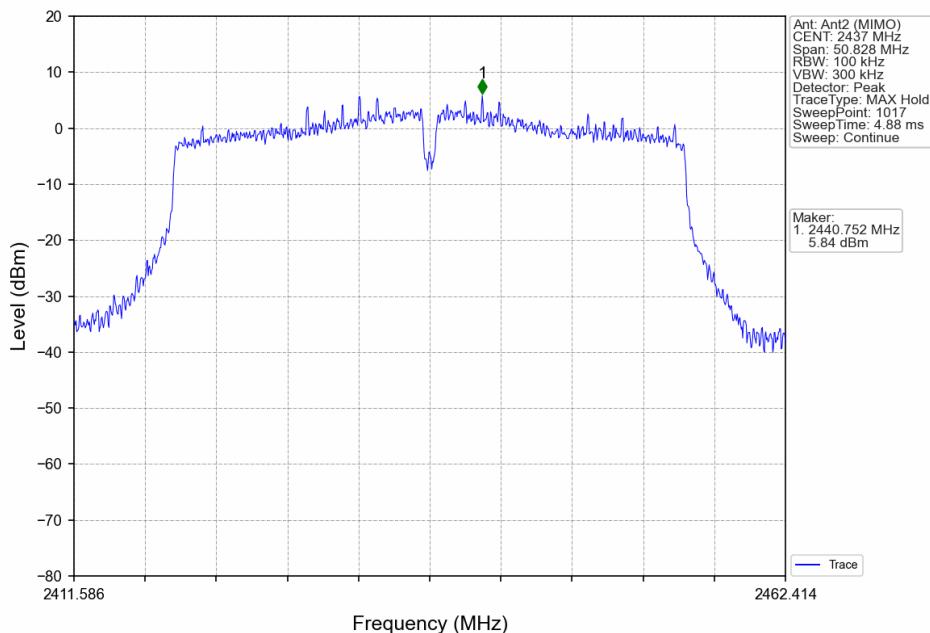


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**802.11n(HT40)\_MCH\_2437MHz\_Ant1 (MIMO)\_NTNV****802.11n(HT40)\_MCH\_2437MHz\_Ant2 (MIMO)\_NTNV**

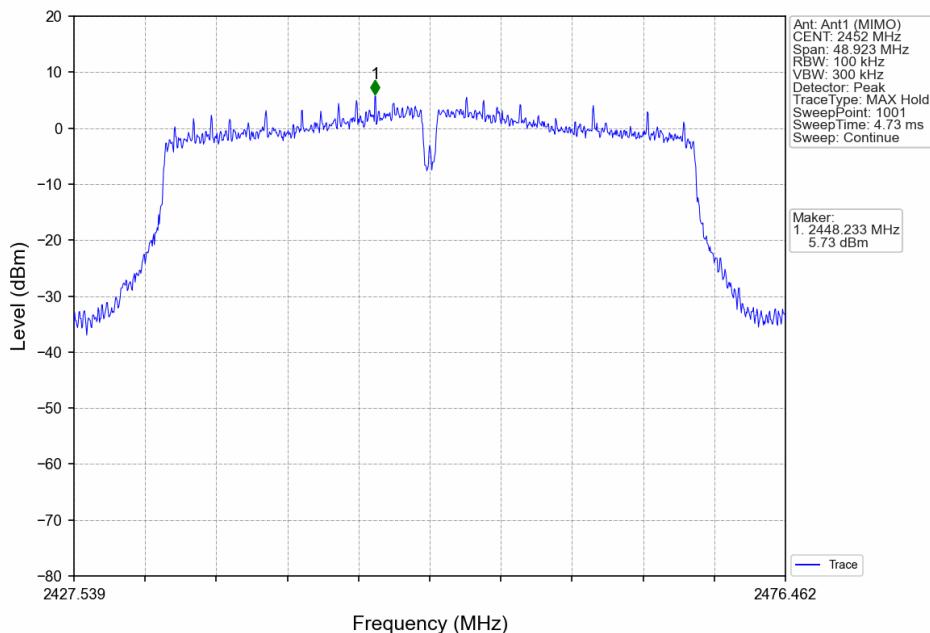
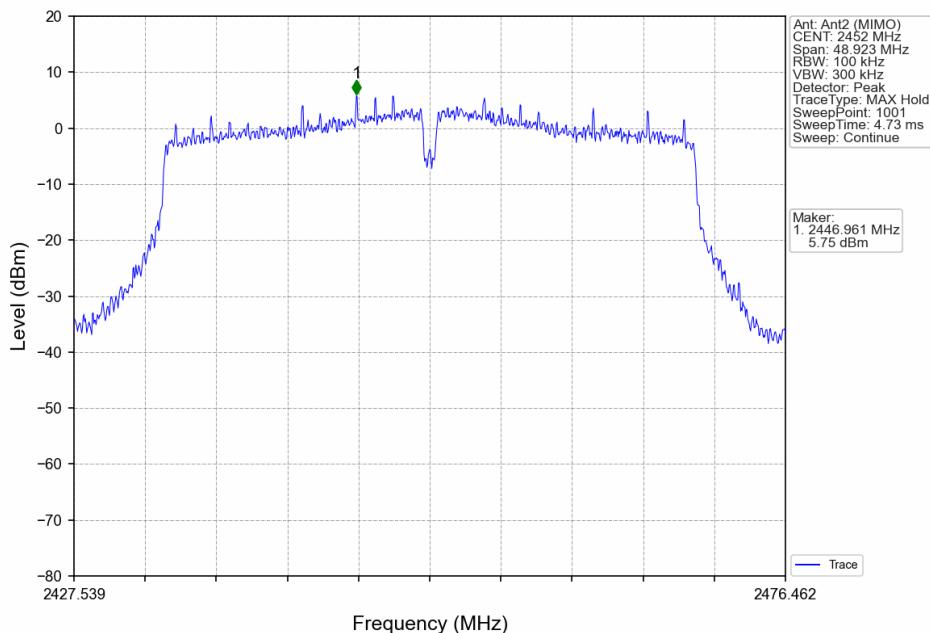
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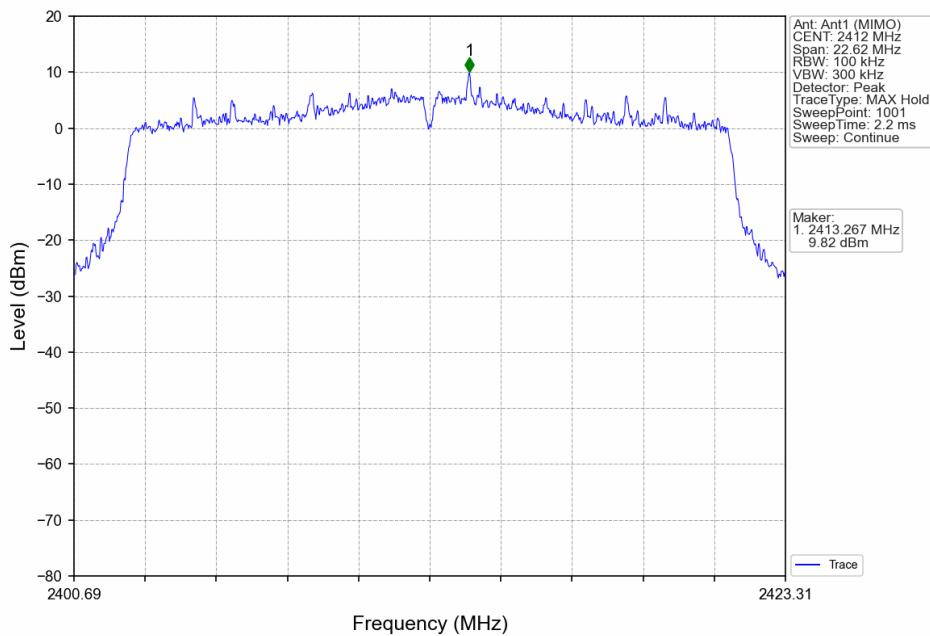
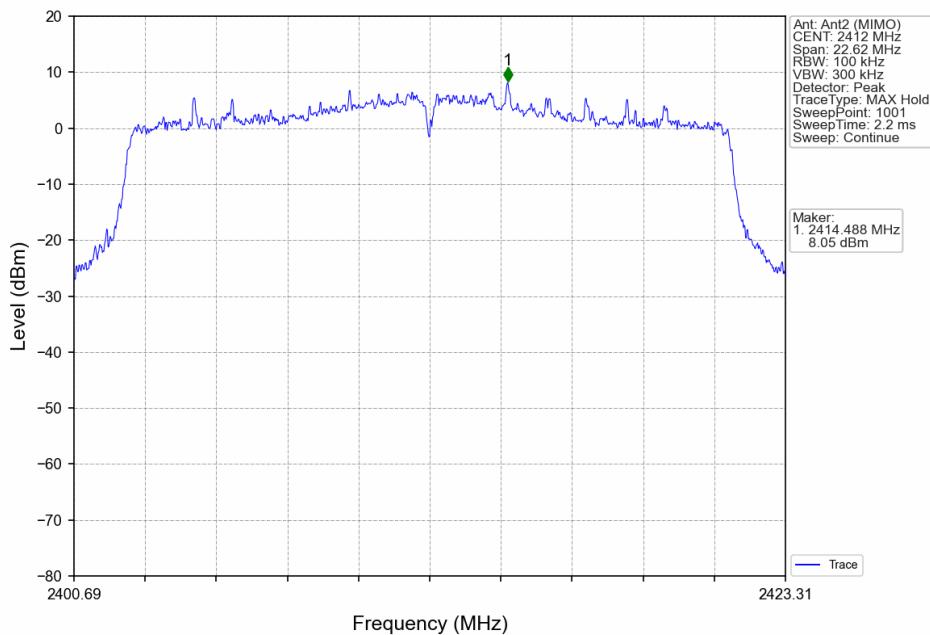
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**802.11n(HT40)\_HCH\_2452MHz\_Ant1 (MIMO)\_NTNV****802.11n(HT40)\_HCH\_2452MHz\_Ant2 (MIMO)\_NTNV**

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**802.11ax(HEW20)\_LCH\_2412MHz\_RU242\_Left\_Ant1 (MIMO)\_NTNV****802.11ax(HEW20)\_LCH\_2412MHz\_RU242\_Left\_Ant2 (MIMO)\_NTNV**

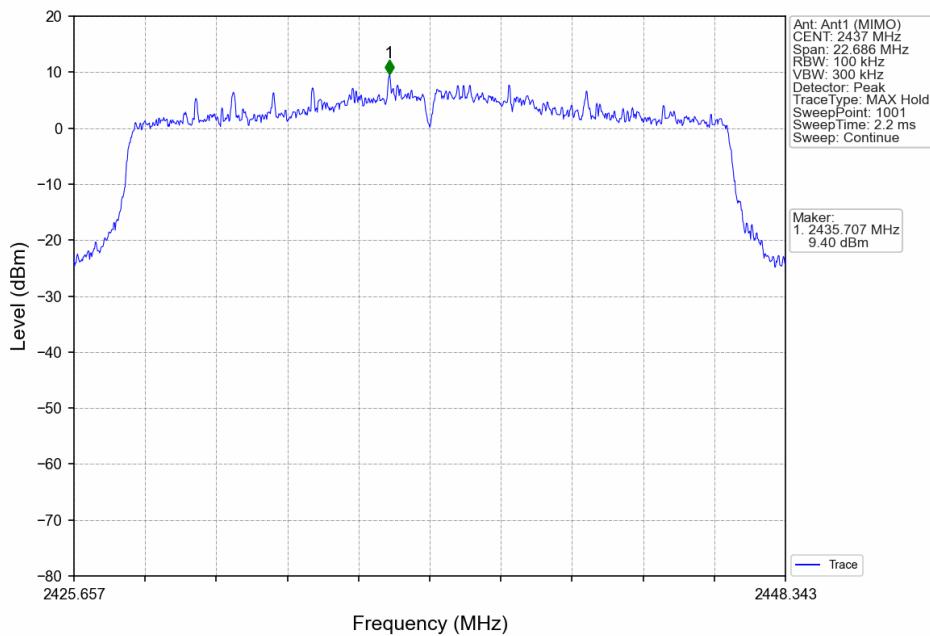
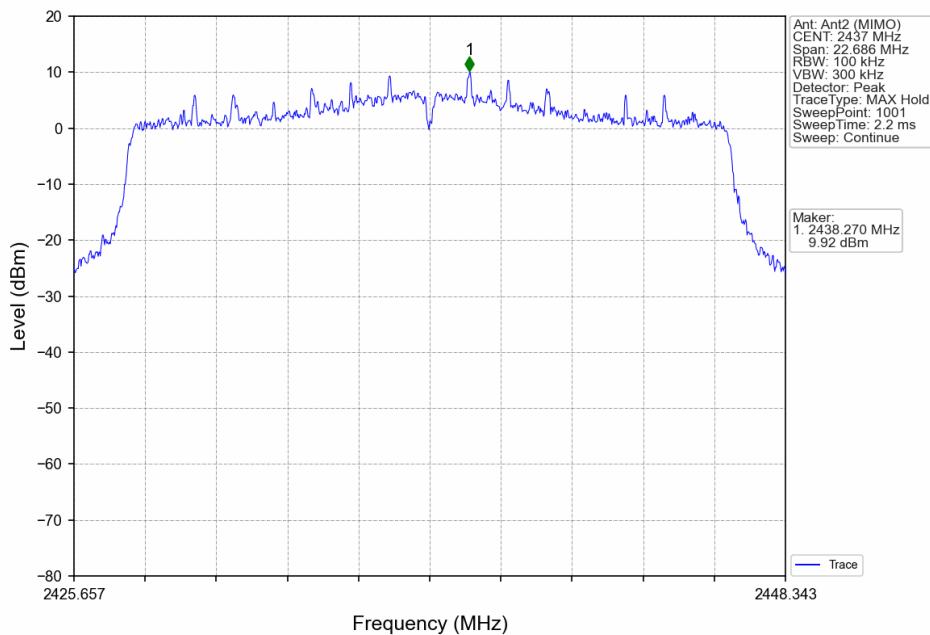
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**802.11ax(HEW20)\_MCH\_2437MHz\_RU242\_Left\_Ant1 (MIMO)\_NTNV****802.11ax(HEW20)\_MCH\_2437MHz\_RU242\_Left\_Ant2 (MIMO)\_NTNV**

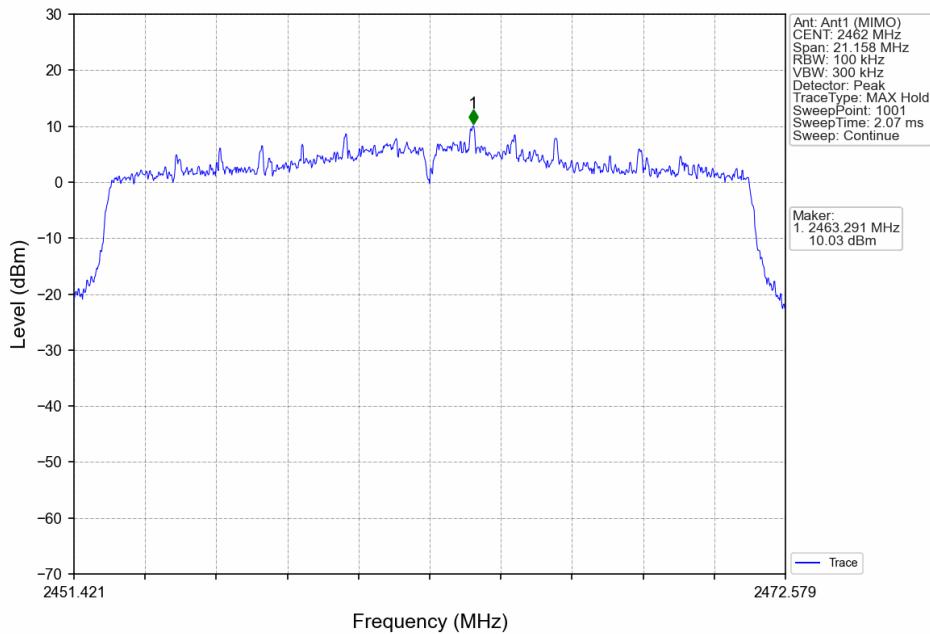
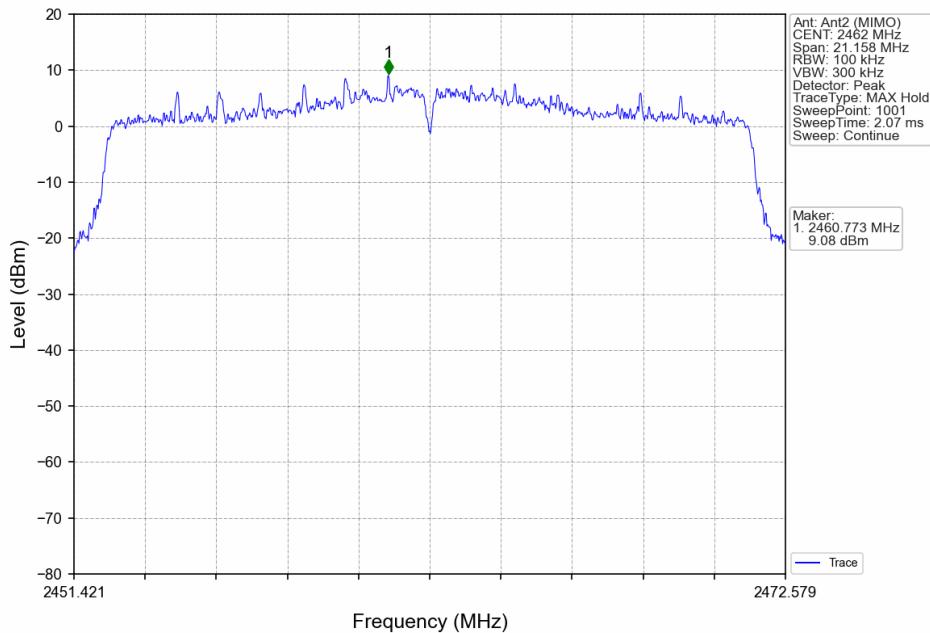
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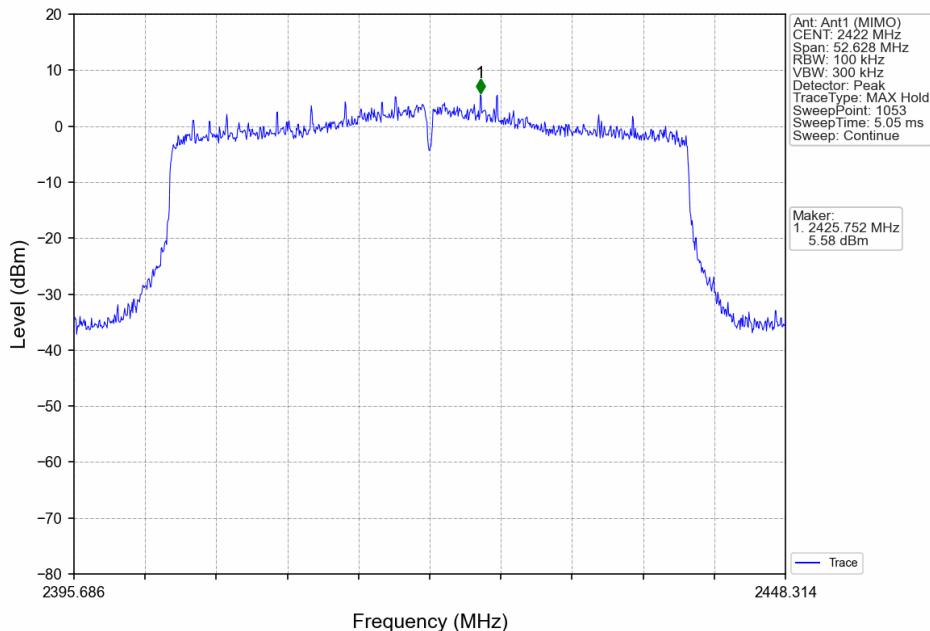
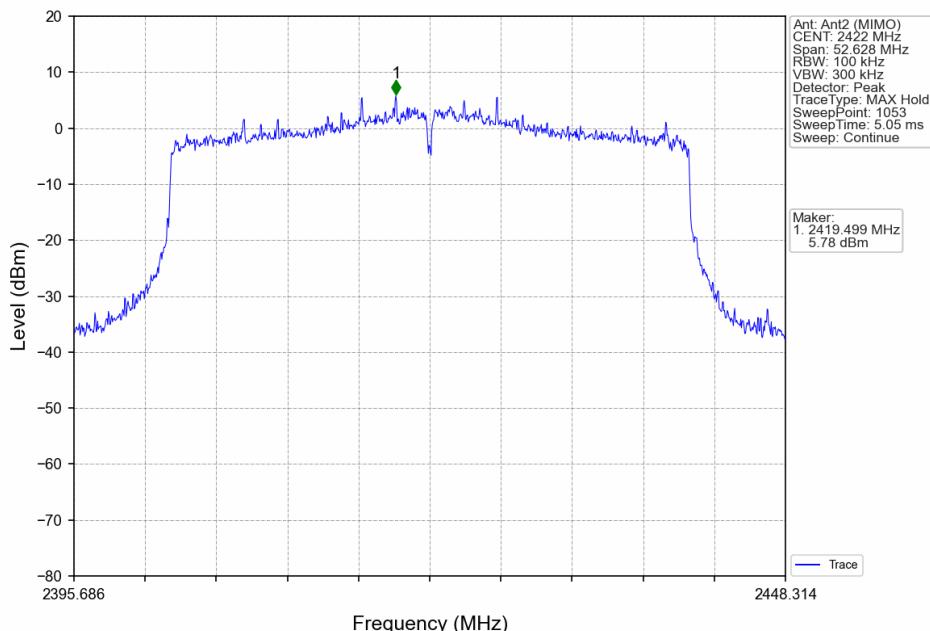
**802.11ax(HEW20)\_HCH\_2462MHz\_RU242\_Left\_Ant1 (MIMO)\_NTNV****802.11ax(HEW20)\_HCH\_2462MHz\_RU242\_Left\_Ant2 (MIMO)\_NTNV**

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**802.11ax(HEW40)\_LCH\_2422MHz\_RU484\_Left\_Ant1 (MIMO)\_NTNV****802.11ax(HEW40)\_LCH\_2422MHz\_RU484\_Left\_Ant2 (MIMO)\_NTNV**

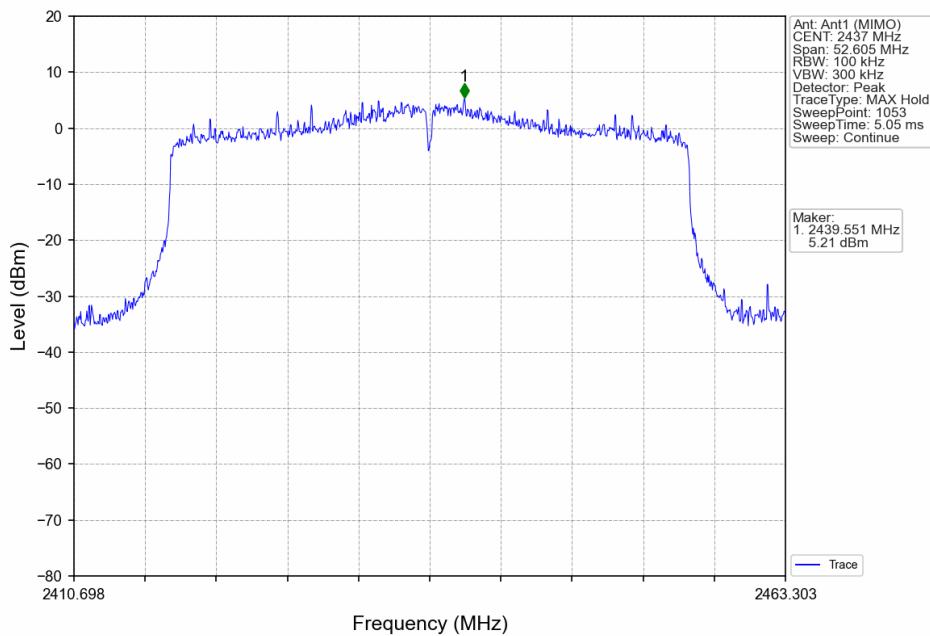
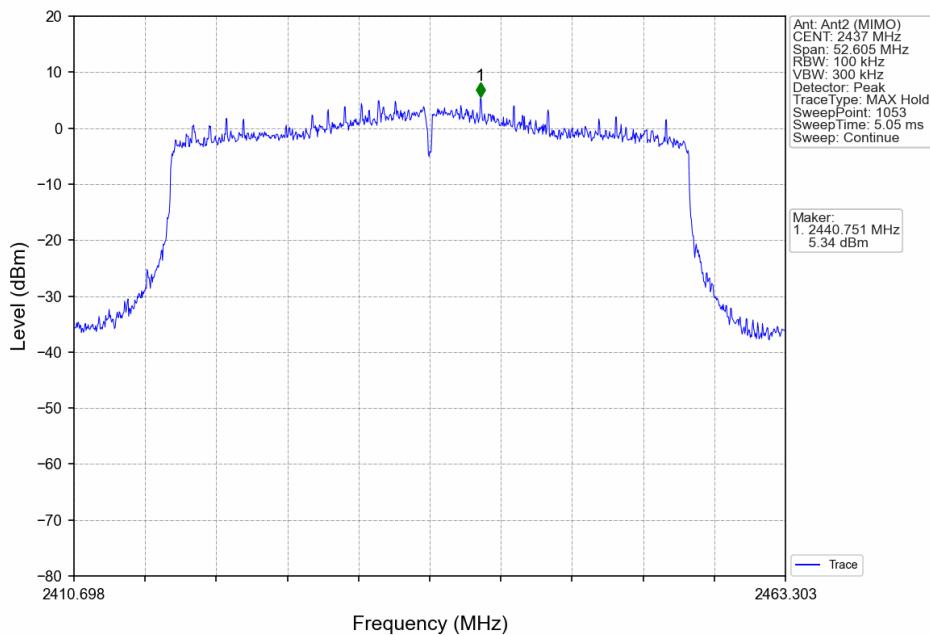
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**802.11ax(HEW40)\_MCH\_2437MHz\_RU484\_Left\_Ant1 (MIMO)\_NTNV****802.11ax(HEW40)\_MCH\_2437MHz\_RU484\_Left\_Ant2 (MIMO)\_NTNV**

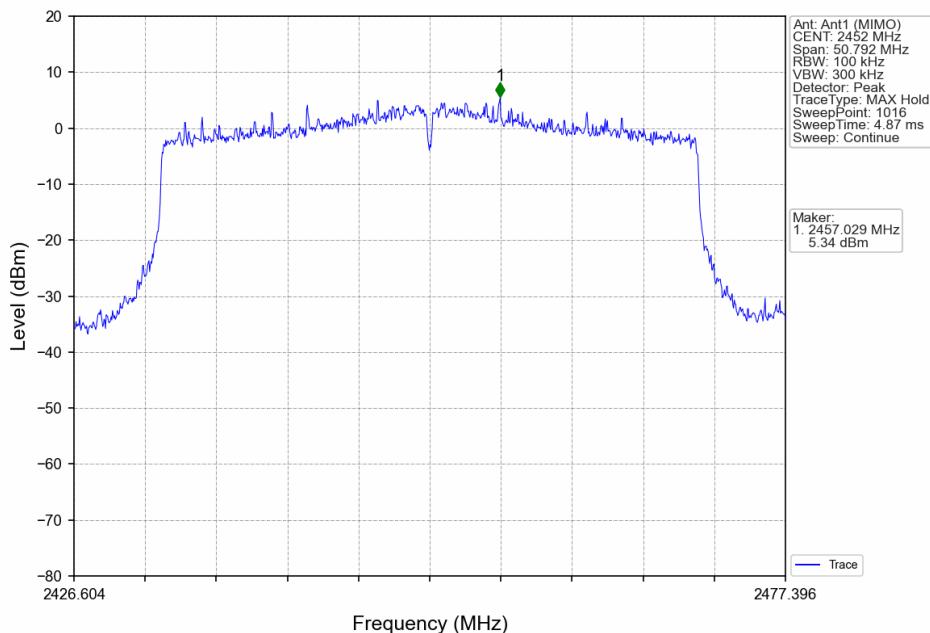
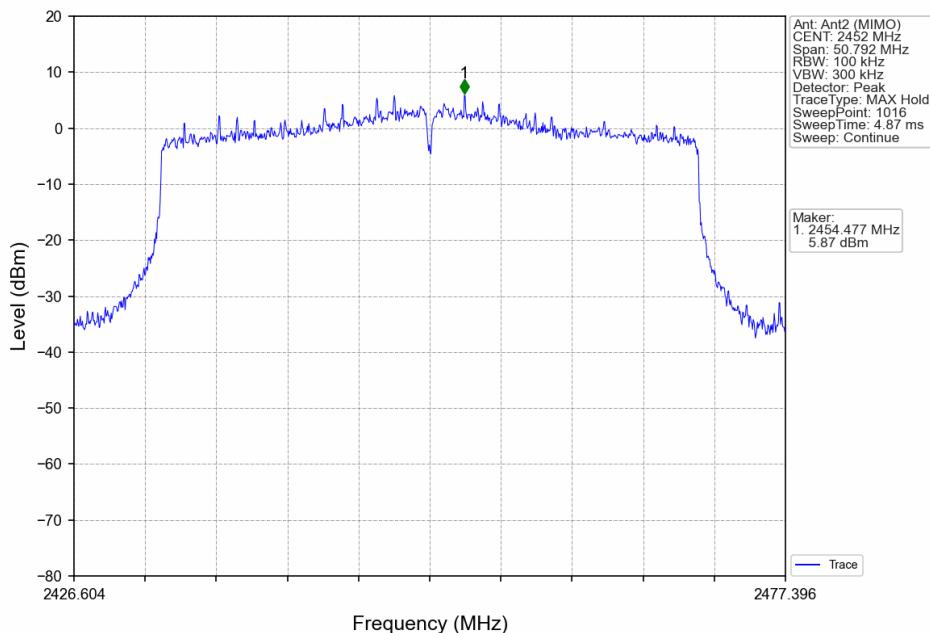
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**802.11ax(HEW40)\_HCH\_2452MHz\_RU484\_Left\_Ant1 (MIMO)\_NTNV****802.11ax(HEW40)\_HCH\_2452MHz\_RU484\_Left\_Ant2 (MIMO)\_NTNV**

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## 5.2 CSE

### 5.2.1 Test Result

Mode	TX Type	Frequency (MHz)	RU	RU Pos	ANT	Level of Reference (dBm)	Limit (dBm)	Verdict
802.11b	SISO	2412	/	/	1	13.74	-16.26	Pass
					2	13.52	-16.48	Pass
		2437	/	/	1	13.74	-16.26	Pass
					2	13.52	-16.48	Pass
		2462	/	/	1	13.74	-16.26	Pass
					2	13.52	-16.48	Pass
802.11g	SISO	2412	/	/	1	10.55	-19.45	Pass
					2	10.53	-19.47	Pass
		2437	/	/	1	10.55	-19.45	Pass
					2	10.53	-19.47	Pass
		2462	/	/	1	10.55	-19.45	Pass
					2	10.53	-19.47	Pass
802.11n (HT20)	MIMO	2412	/	/	1	11.00	-19.00	Pass
					2	11.42	-18.58	Pass
		2437	/	/	1	11.00	-19.00	Pass
					2	11.42	-18.58	Pass
		2462	/	/	1	11.00	-19.00	Pass
					2	11.42	-18.58	Pass
802.11n (HT40)	MIMO	2422	/	/	1	6.08	-23.92	Pass
					2	5.84	-24.16	Pass
		2437	/	/	1	6.08	-23.92	Pass
					2	5.84	-24.16	Pass
		2452	/	/	1	6.08	-23.92	Pass
					2	5.84	-24.16	Pass
802.11ax (HEW20)	MIMO	2412	RU242	Left	1	10.03	-19.97	Pass
					2	9.92	-20.08	Pass
		2437	RU242	Left	1	10.03	-19.97	Pass
					2	9.92	-20.08	Pass
		2462	RU242	Left	1	10.03	-19.97	Pass
					2	9.92	-20.08	Pass
802.11ax (HEW40)	MIMO	2422	RU484	Left	1	5.58	-24.42	Pass
					2	5.87	-24.13	Pass
		2437	RU484	Left	1	5.58	-24.42	Pass
					2	5.87	-24.13	Pass

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		2452	RU484	Left	1	5.58	-24.42	Pass
					2	5.87	-24.13	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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