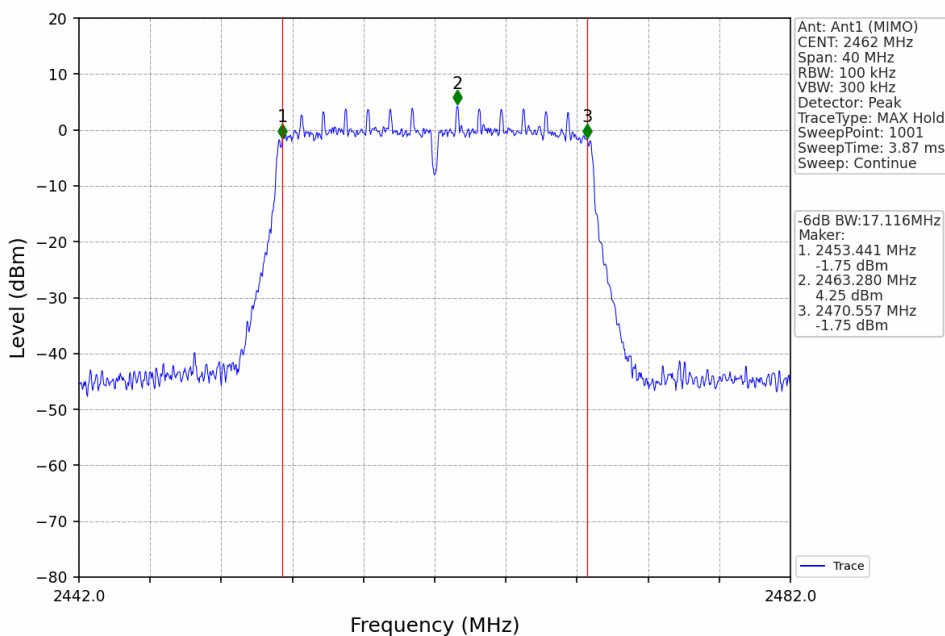
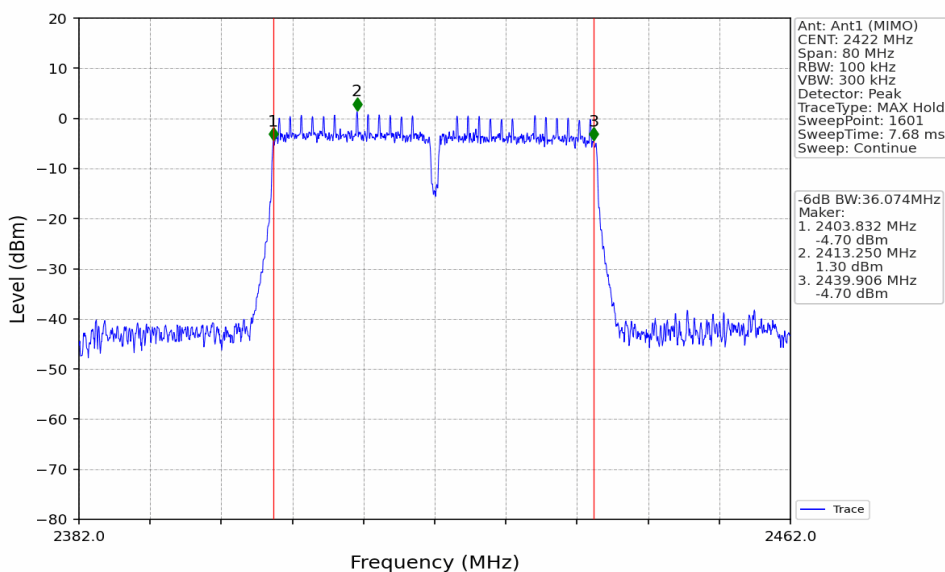


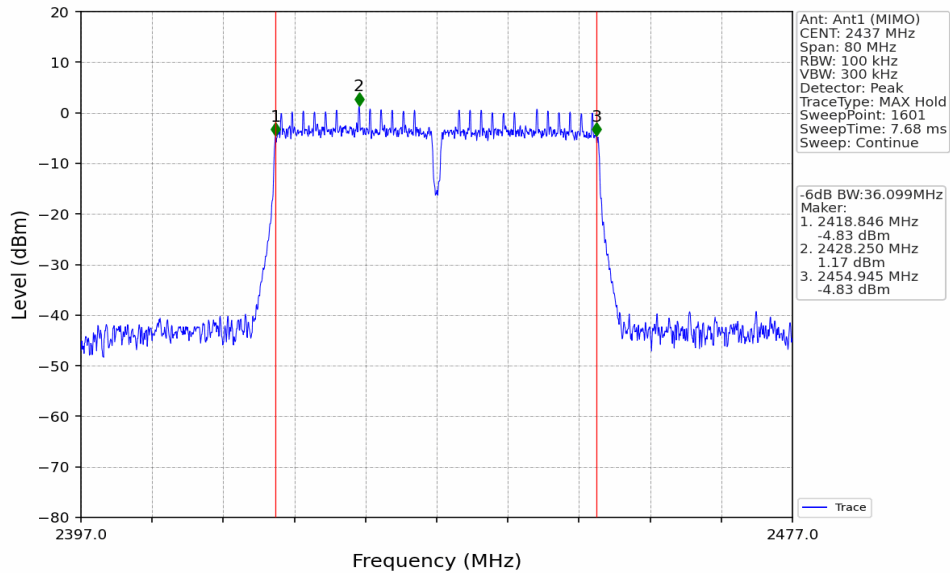
### 802.11n(HT20)\_HCH\_2462MHz\_Ant1 (MIMO)\_NTNV



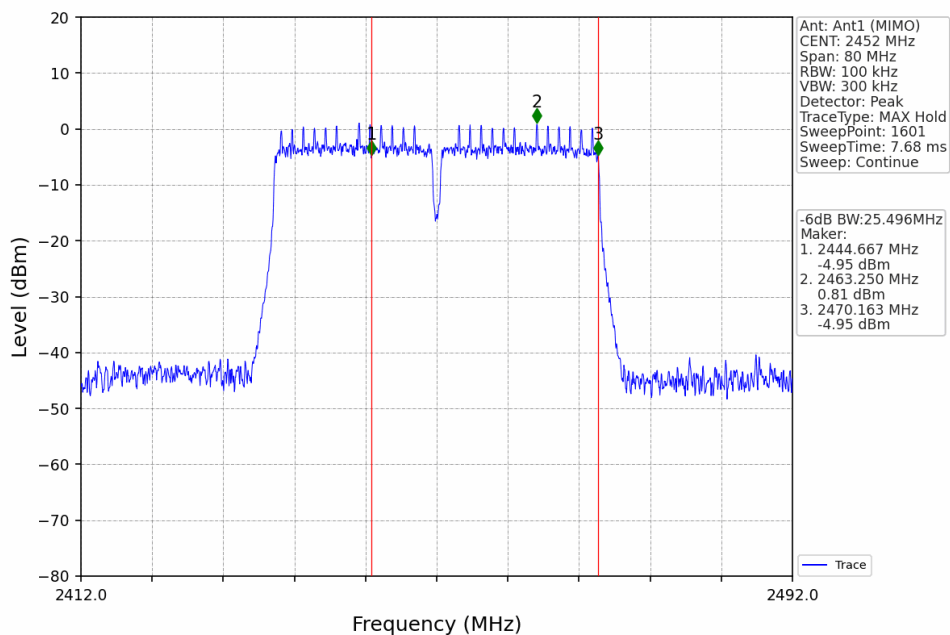
### 802.11n(HT40)\_LCH\_2422MHz\_Ant1 (MIMO)\_NTNV



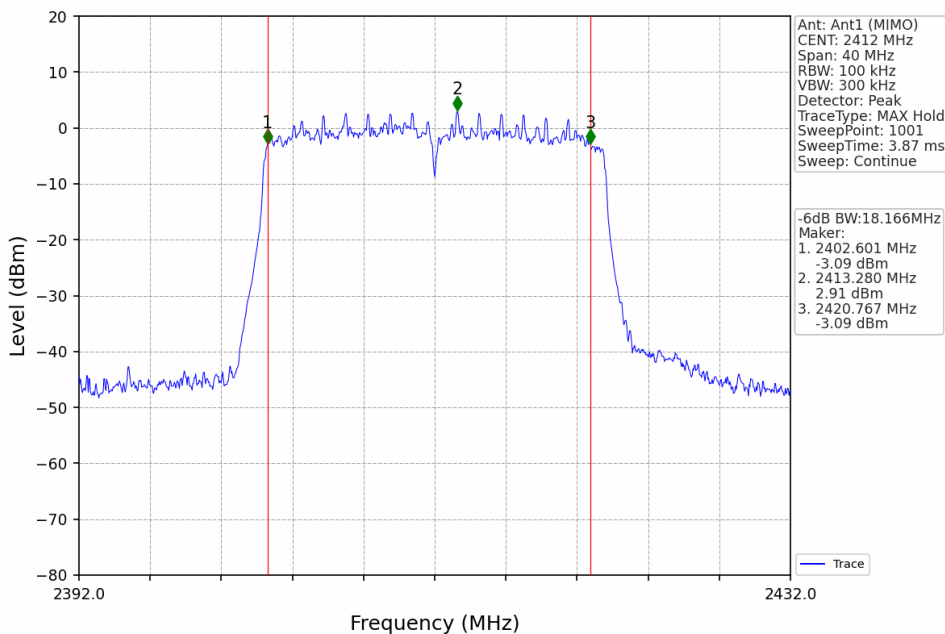
### 802.11n(HT40)\_MCH\_2437MHz\_Ant1 (MIMO)\_NTNV



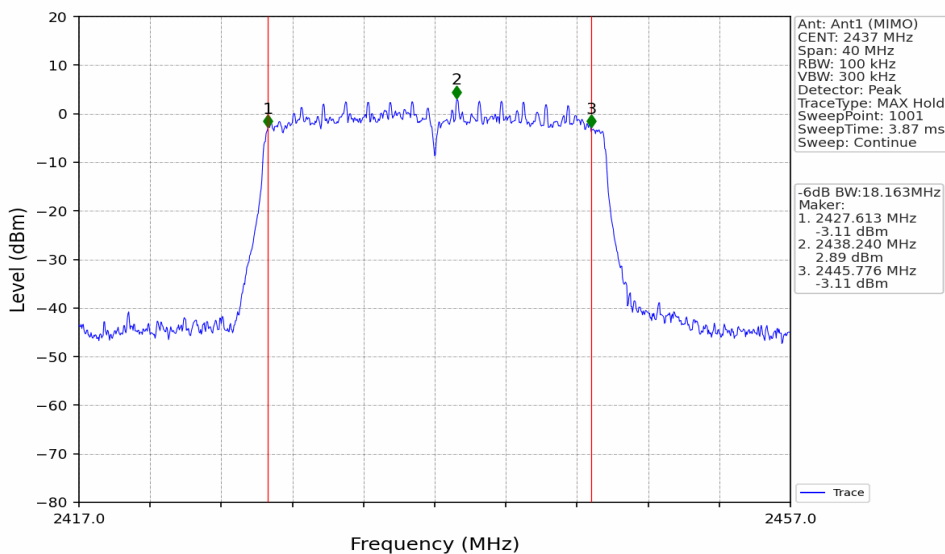
### 802.11n(HT40)\_HCH\_2452MHz\_Ant1 (MIMO)\_NTNV



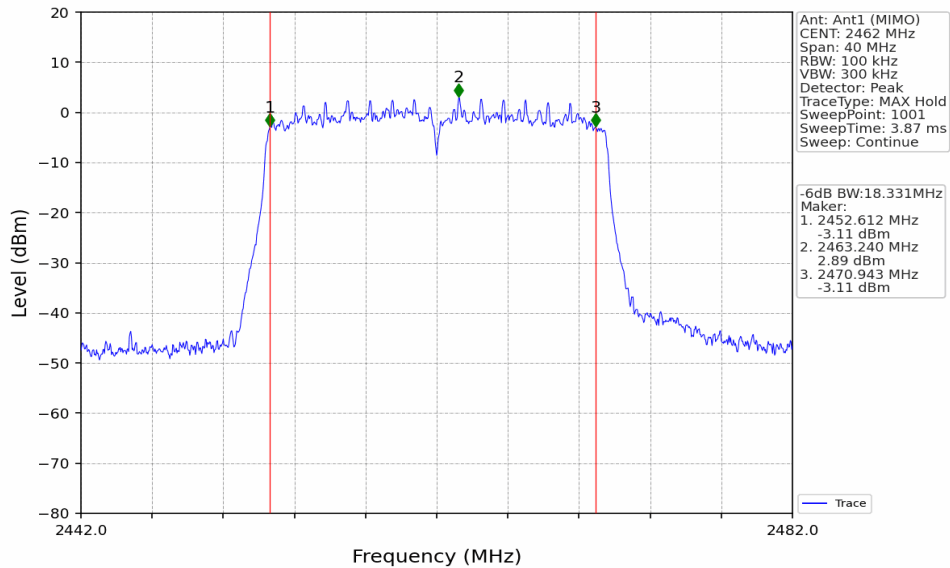
### 802.11ax(HEW20)\_LCH\_2412MHz\_RU242\_Left\_Ant1 (MIMO)\_NTNV



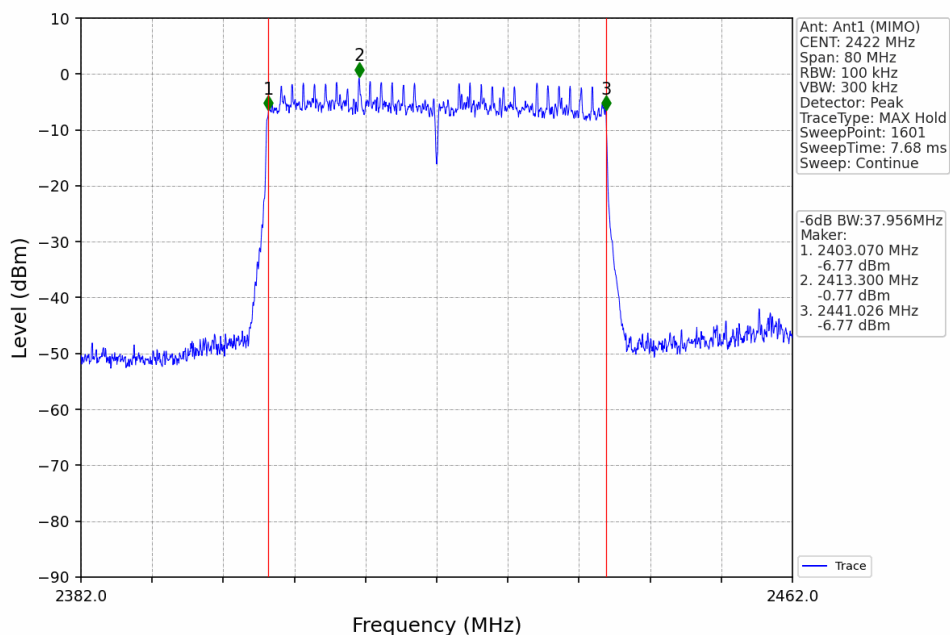
### 802.11ax(HEW20)\_MCH\_2437MHz\_RU242\_Left\_Ant1 (MIMO)\_NTNV



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

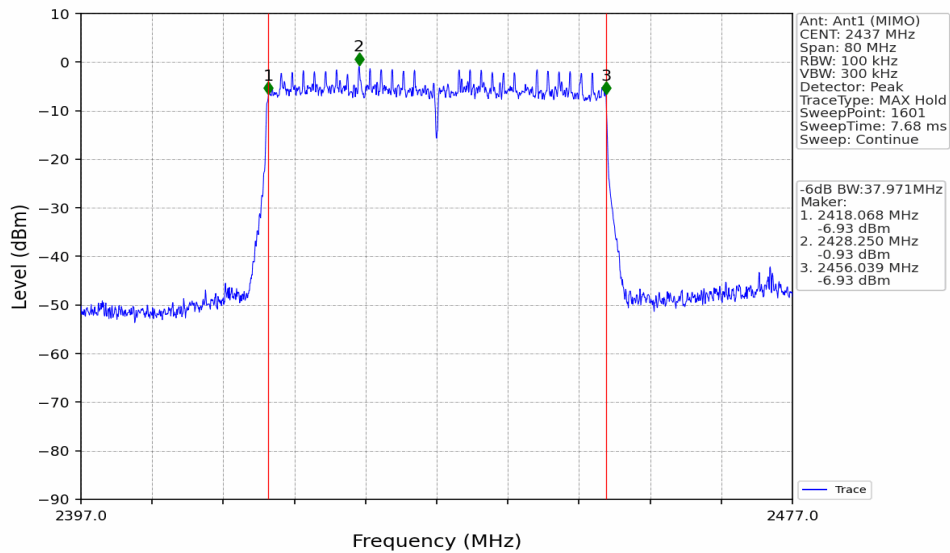


### 802.11ax(HEW40)\_LCH\_2422MHz\_RU484\_Left\_Ant1 (MIMO)\_NTNV

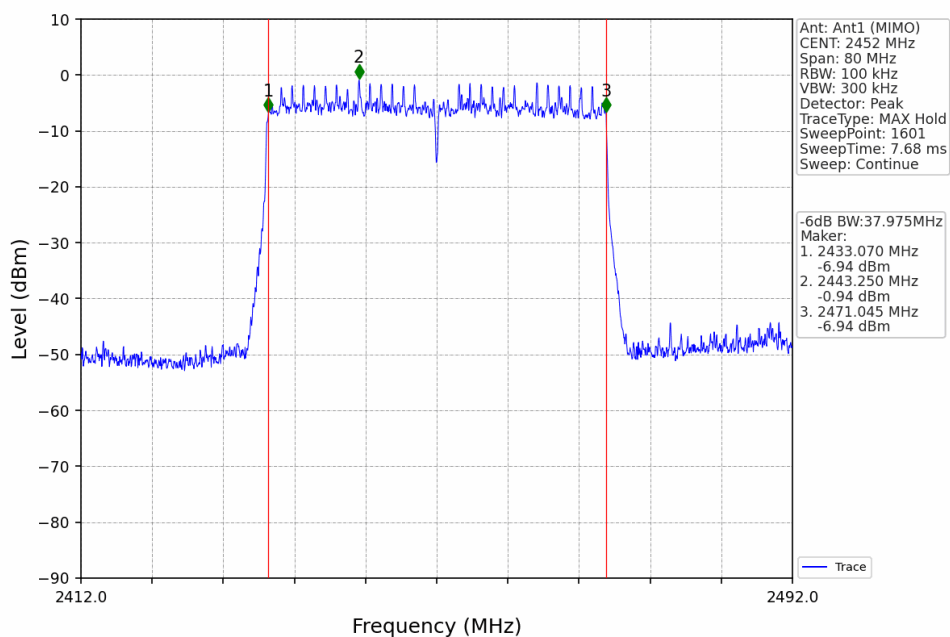




### 802.11ax(HEW40)\_MCH\_2437MHz\_RU484\_Left\_Ant1 (MIMO)\_NTNV



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



## 3. Maximum Conducted Output Power

### 3.1 Power

#### 3.1.1 Test Result

Mode	TX Type	Frequency (MHz)	RU	RU Pos	Maximum Average Conducted Output Power (dBm)				Verdict
					ANT1	ANT2	MIMO	Limit	
802.11b	SISO	2412	/	/	16.98	16.85	/	<=30	Pass
		2437	/	/	17.04	16.99	/	<=30	Pass
		2462	/	/	17.04	17.02	/	<=30	Pass
802.11g	SISO	2412	/	/	16.09	15.88	/	<=30	Pass
		2437	/	/	16.05	15.90	/	<=30	Pass
		2462	/	/	16.09	15.93	/	<=30	Pass
802.11n (HT20)	MIMO	2412	/	/	15.01	14.86	17.95	<=30	Pass
		2437	/	/	15.00	14.90	17.96	<=30	Pass
		2462	/	/	15.07	14.94	18.02	<=30	Pass
802.11n (HT40)	MIMO	2422	/	/	14.92	14.86	17.90	<=30	Pass
		2437	/	/	14.91	14.93	17.93	<=30	Pass
		2452	/	/	14.97	14.95	17.97	<=30	Pass
802.11ax (HEW20)	MIMO	2412	RU242	Left	14.09	14.09	17.10	<=30	Pass
		2437	RU242	Left	14.08	14.11	17.11	<=30	Pass
		2462	RU242	Left	14.09	14.07	17.09	<=30	Pass
802.11ax (HEW40)	MIMO	2422	RU484	Left	13.06	13.16	16.12	<=30	Pass
		2437	RU484	Left	13.09	13.16	16.14	<=30	Pass
		2452	RU484	Left	13.06	13.18	16.13	<=30	Pass

Remark: Antenna Gain: ANT 1: 3.94dBi; ANT 2: 3.60dBi;

Directional Gain=GANT + Array Gain=3.94 dBi+0dB=3.94dBi

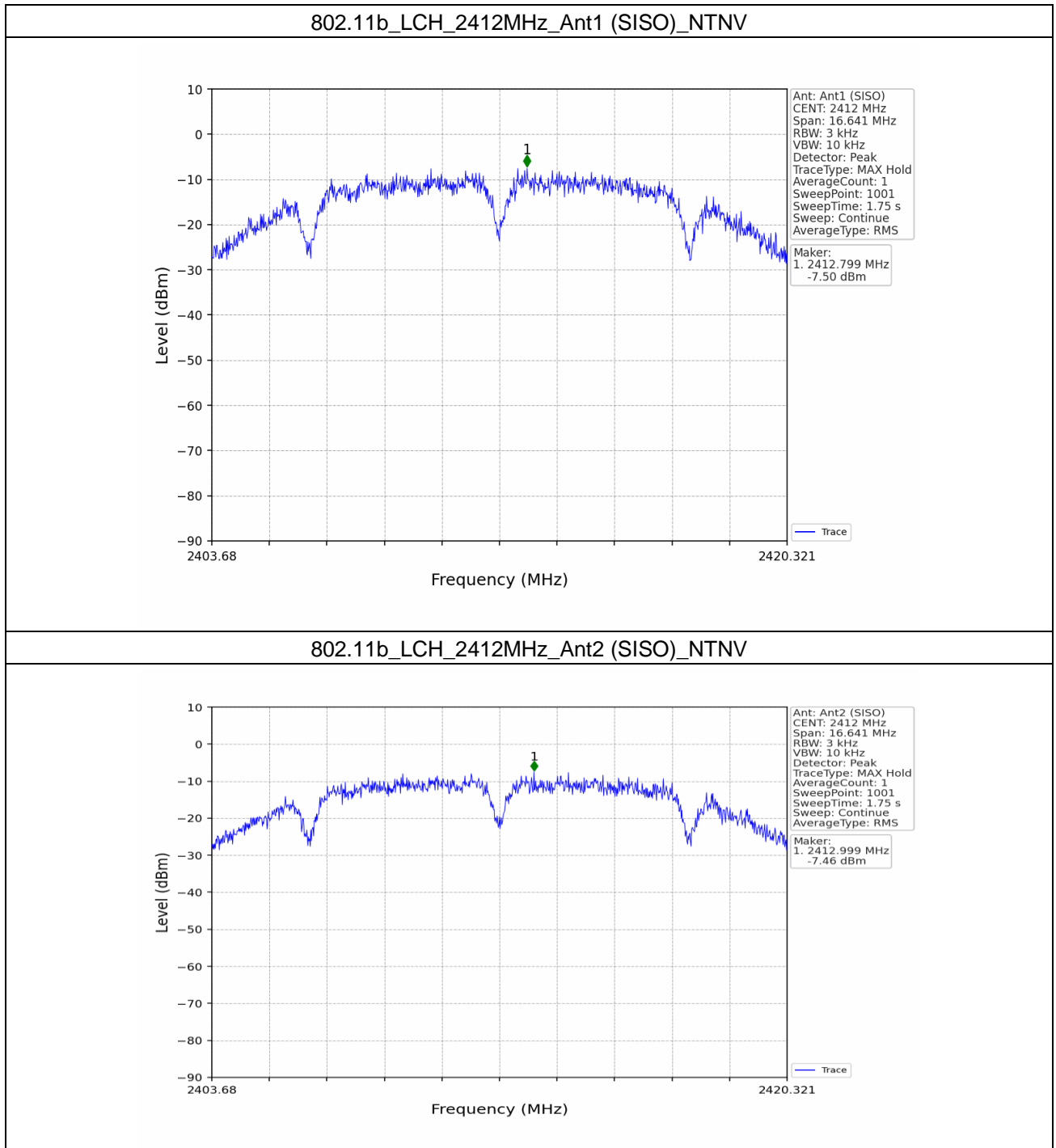
## 4. Maximum Power Spectral Density

### 4.1 PSD

#### 4.1.1 Test Result

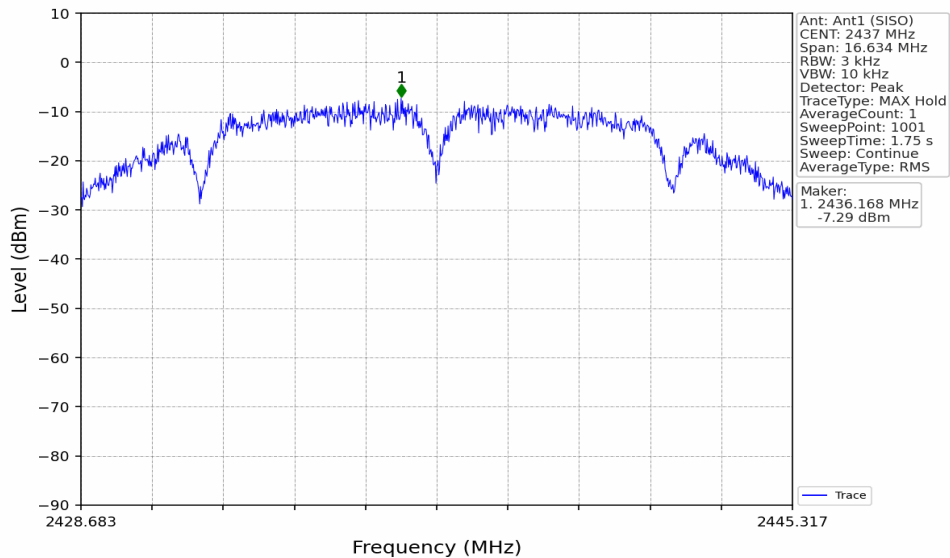
Mode	TX Type	Frequency (MHz)	RU	RU Pos	Maximum PSD (dBm/3kHz)				Verdict
					ANT1	ANT2	MIMO	Limit	
802.11b	SISO	2412	/	/	-7.50	-7.46	/	<=8	Pass
		2437	/	/	-7.29	-7.66	/	<=8	Pass
		2462	/	/	-7.79	-7.77	/	<=8	Pass
802.11g	SISO	2412	/	/	-15.99	-16.90	/	<=8	Pass
		2437	/	/	-11.15	-10.09	/	<=8	Pass
		2462	/	/	-11.21	-11.14	/	<=8	Pass
802.11n (HT20)	MIMO	2412	/	/	-11.30	-12.04	-8.68	<=8	Pass
		2437	/	/	-10.85	-12.36	-8.73	<=8	Pass
		2462	/	/	-11.74	-11.54	-8.76	<=8	Pass
802.11n (HT40)	MIMO	2422	/	/	-13.63	-14.12	-11.25	<=8	Pass
		2437	/	/	-11.99	-13.46	-9.65	<=8	Pass
		2452	/	/	-12.57	-13.71	-10.37	<=8	Pass
802.11ax (HEW20)	MIMO	2412	RU242	Left	-11.93	-12.39	-9.30	<=8	Pass
		2437	RU242	Left	-11.90	-12.61	-9.50	<=8	Pass
		2462	RU242	Left	-12.84	-12.54	-10.00	<=8	Pass
802.11ax (HEW40)	MIMO	2422	RU484	Left	-16.54	-15.72	-13.14	<=8	Pass
		2437	RU484	Left	-16.20	-15.31	-13.20	<=8	Pass
		2452	RU484	Left	-16.49	-15.17	-13.45	<=8	Pass

### 4.1.2 Test Graph

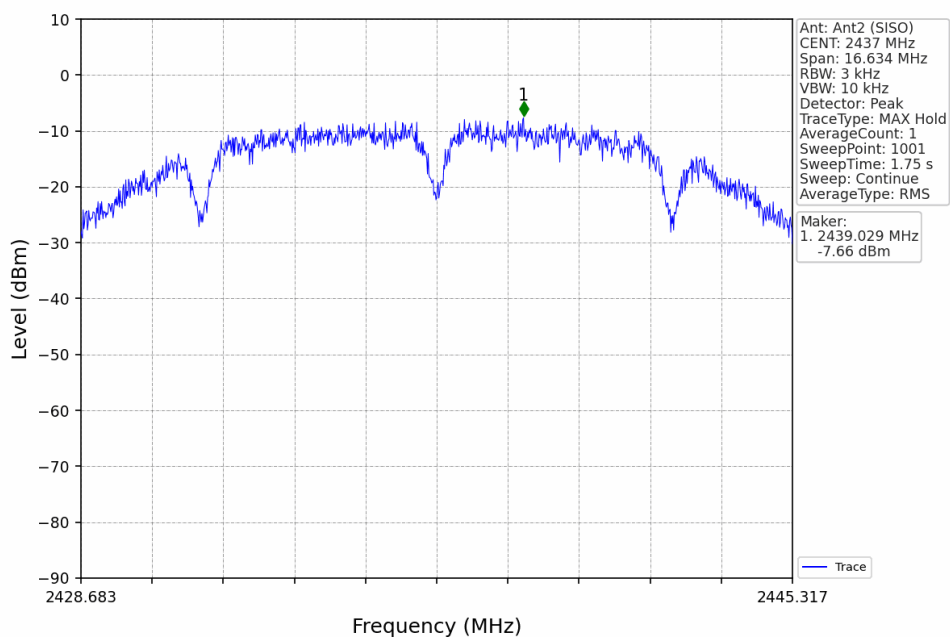




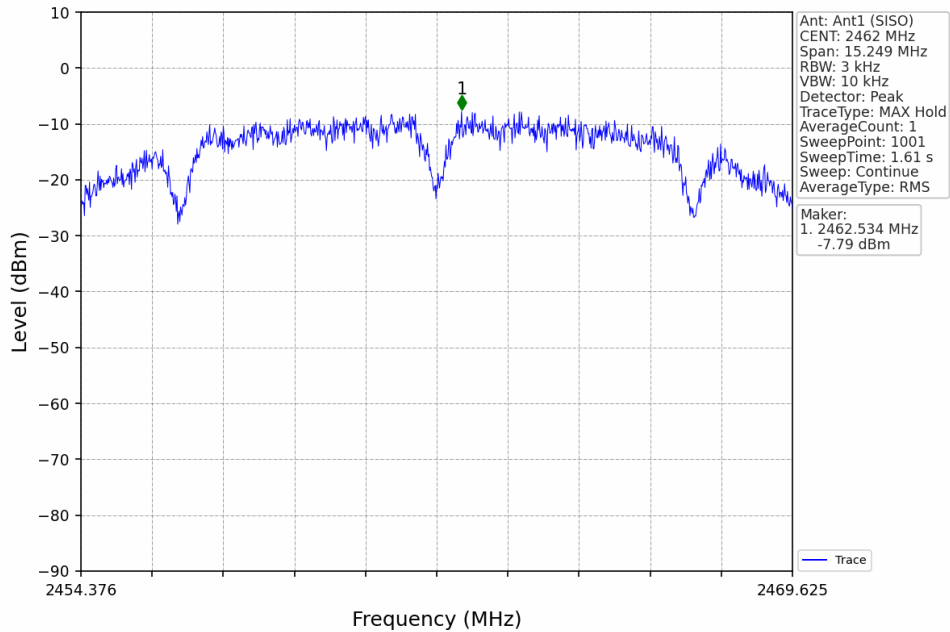
### 802.11b\_MCH\_2437MHz\_Ant1 (SISO)\_NTNV



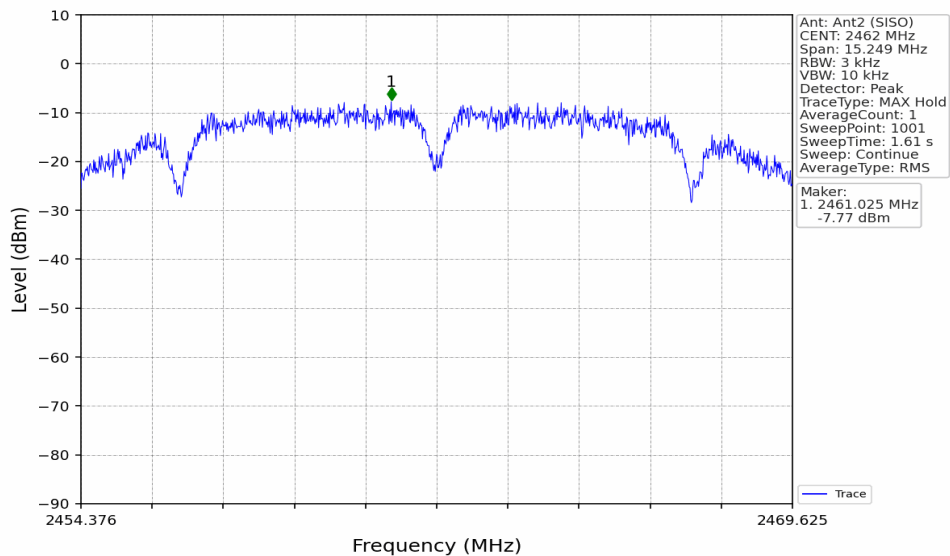
### 802.11b\_MCH\_2437MHz\_Ant2 (SISO)\_NTNV



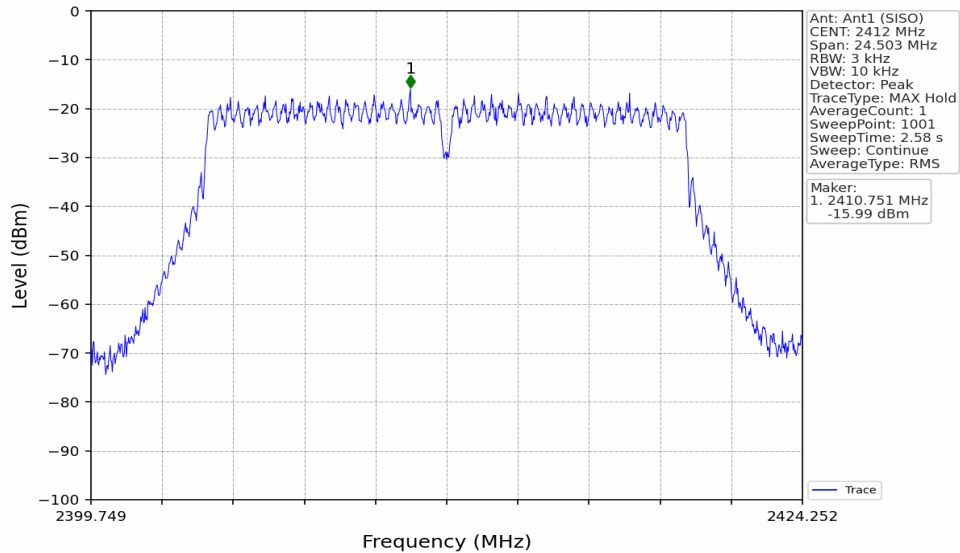
802.11b\_HCH\_2462MHz\_Ant1 (SISO)\_NTNV



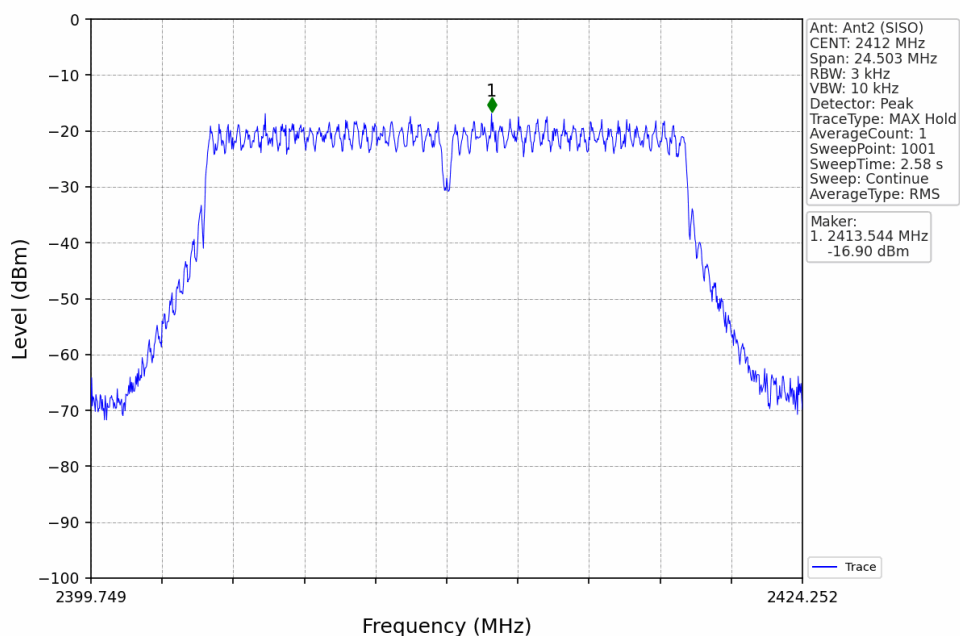
802.11b\_HCH\_2462MHz\_Ant2 (SISO)\_NTNV



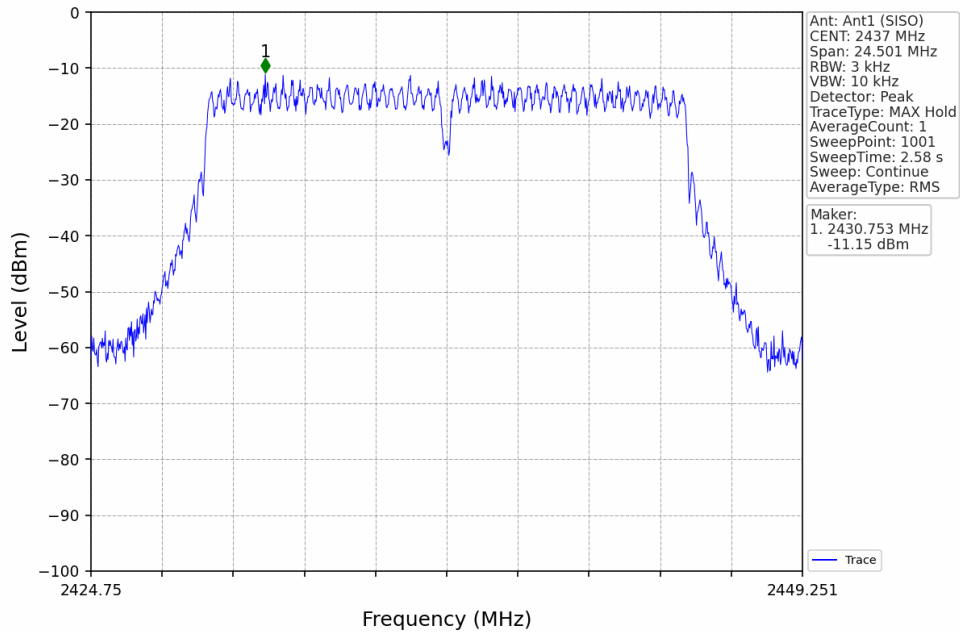
### 802.11g\_LCH\_2412MHz\_Ant1 (SISO)\_NTNV



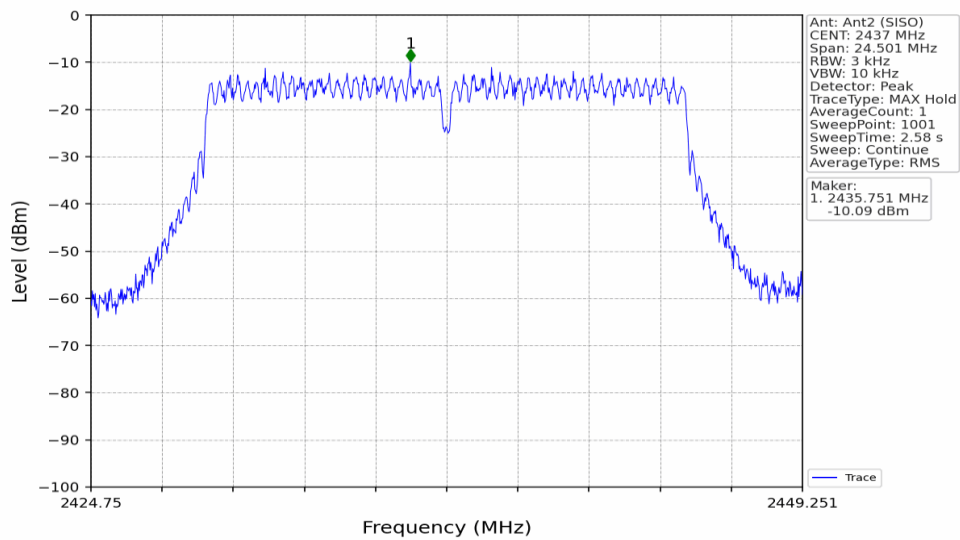
### 802.11g\_LCH\_2412MHz\_Ant2 (SISO)\_NTNV



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

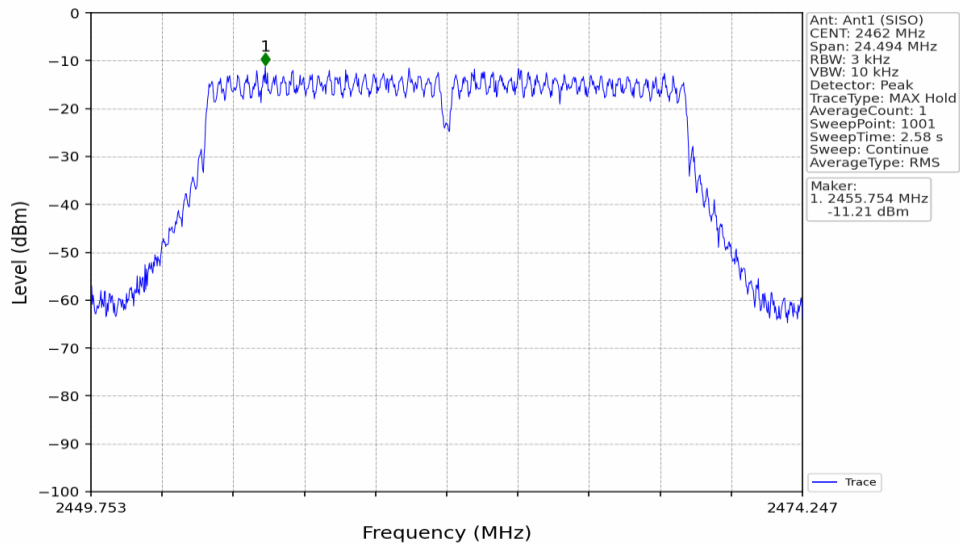


### 802.11g\_MCH\_2437MHz\_Ant2 (SISO)\_NTNV

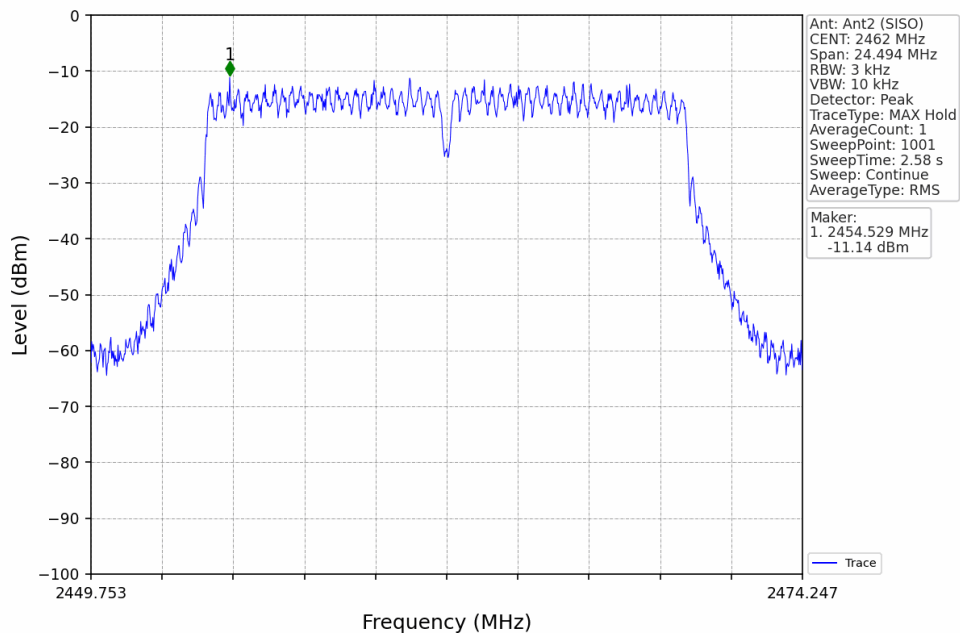




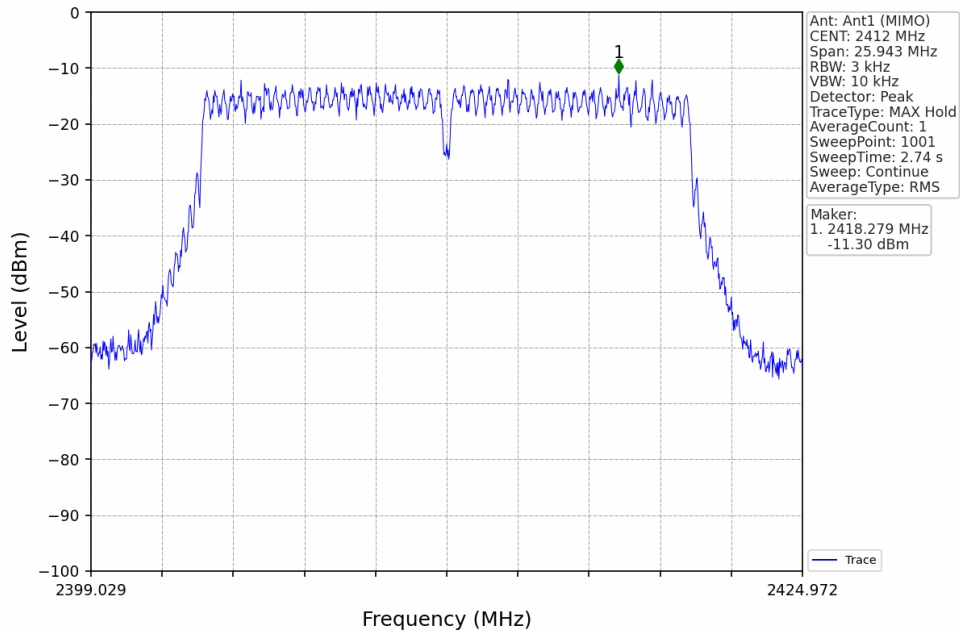
### 802.11g\_HCH\_2462MHz\_Ant1 (SISO)\_NTNV



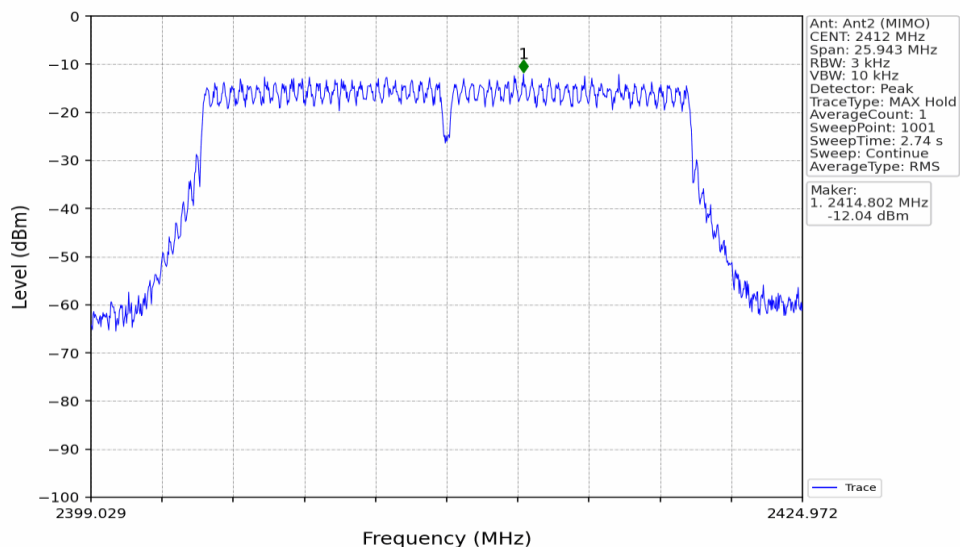
### 802.11g\_HCH\_2462MHz\_Ant2 (SISO)\_NTNV



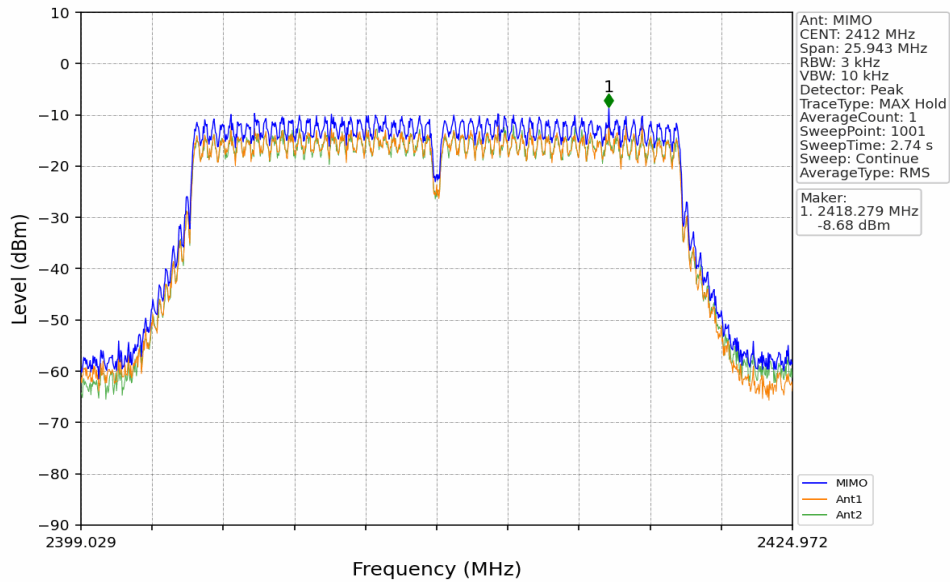
### 802.11n(HT20)\_LCH\_2412MHz\_Ant1 (MIMO)\_NTNV



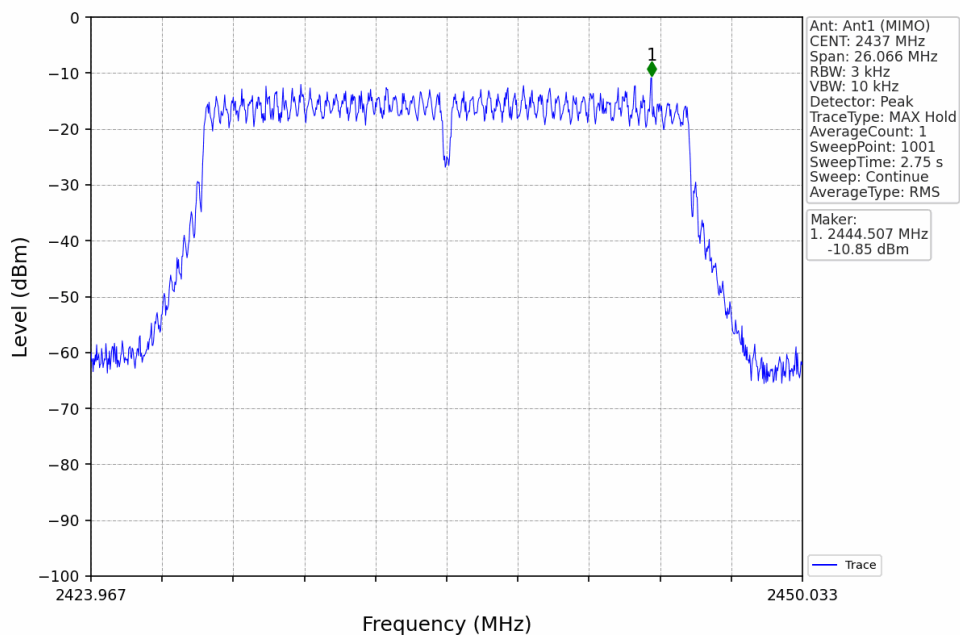
### 802.11n(HT20)\_LCH\_2412MHz\_Ant2 (MIMO)\_NTNV



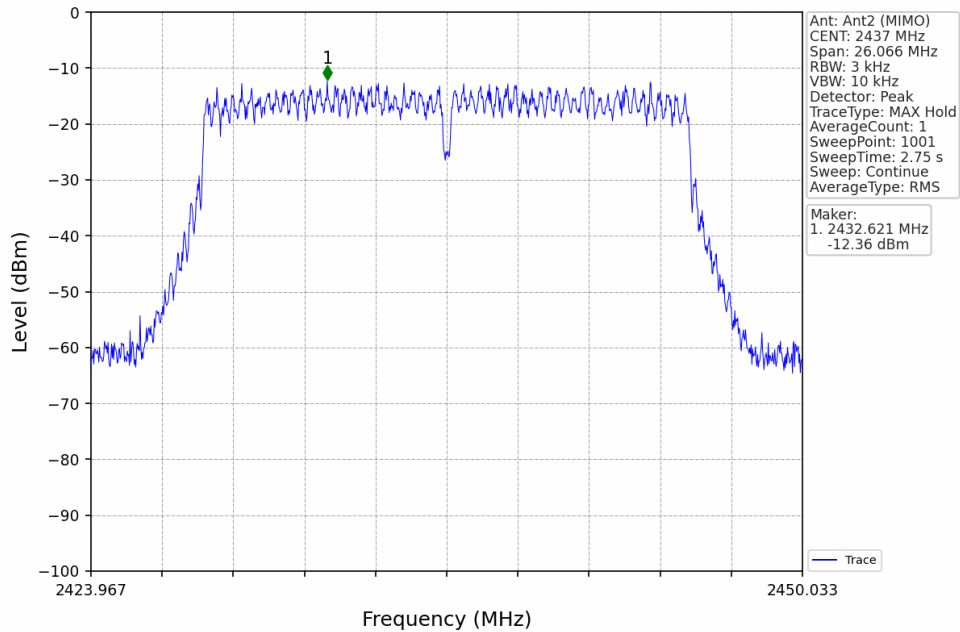
### 802.11n(HT20)\_LCH\_2412MHz\_MIMO\_NTNV



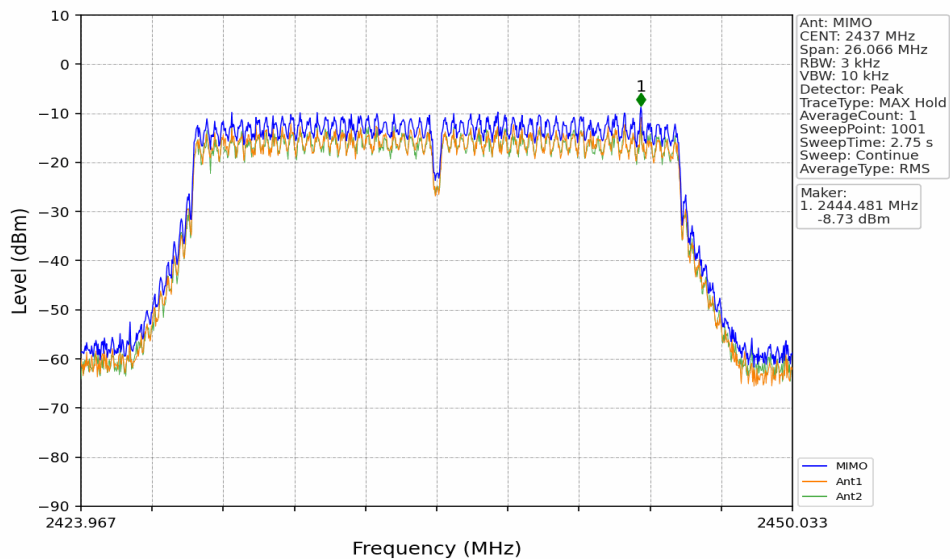
### 802.11n(HT20)\_MCH\_2437MHz\_Ant1 (MIMO)\_NTNV



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

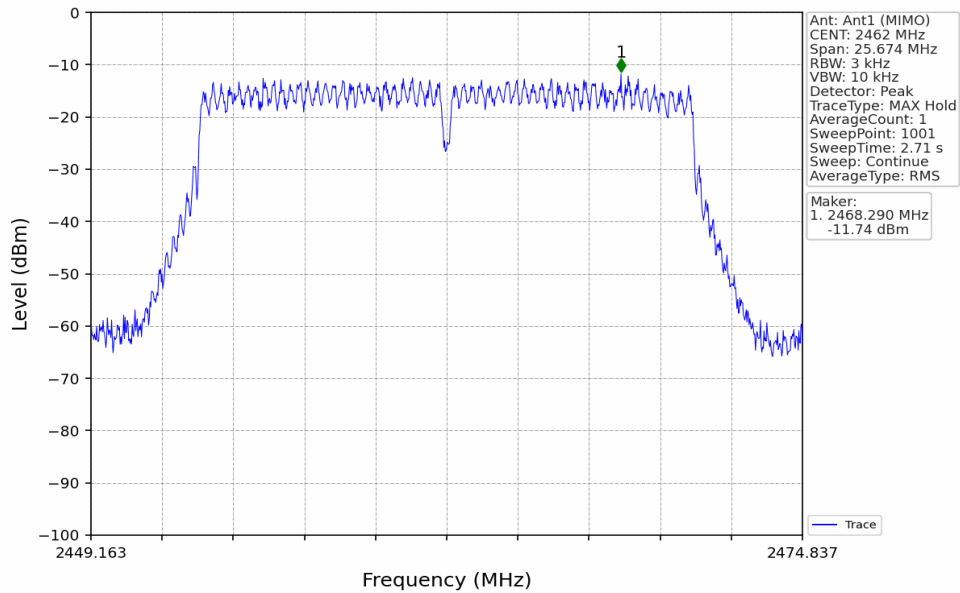


802.11n(HT20)\_MCH\_2437MHz\_MIMO\_NTNV

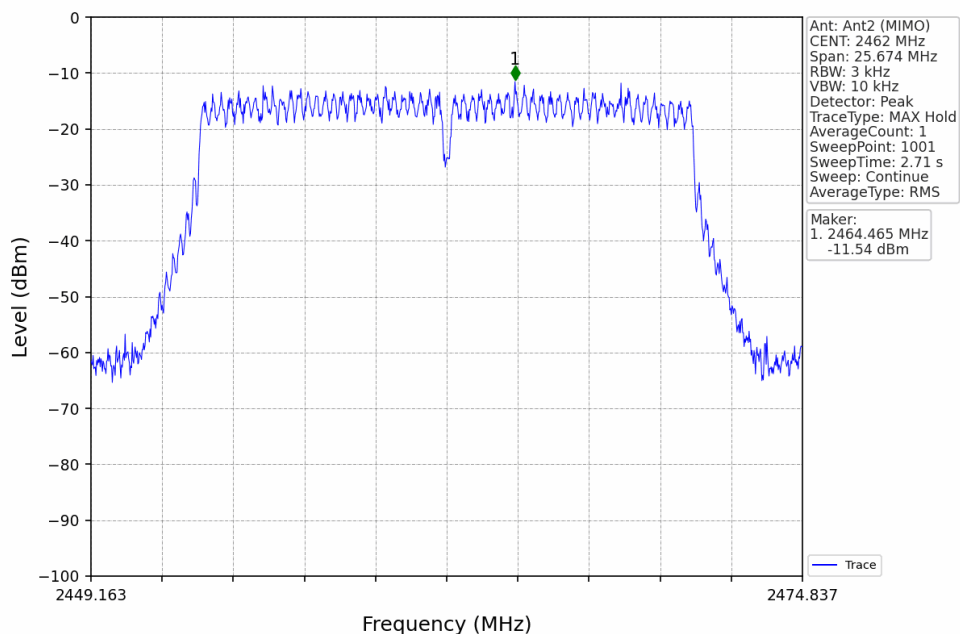




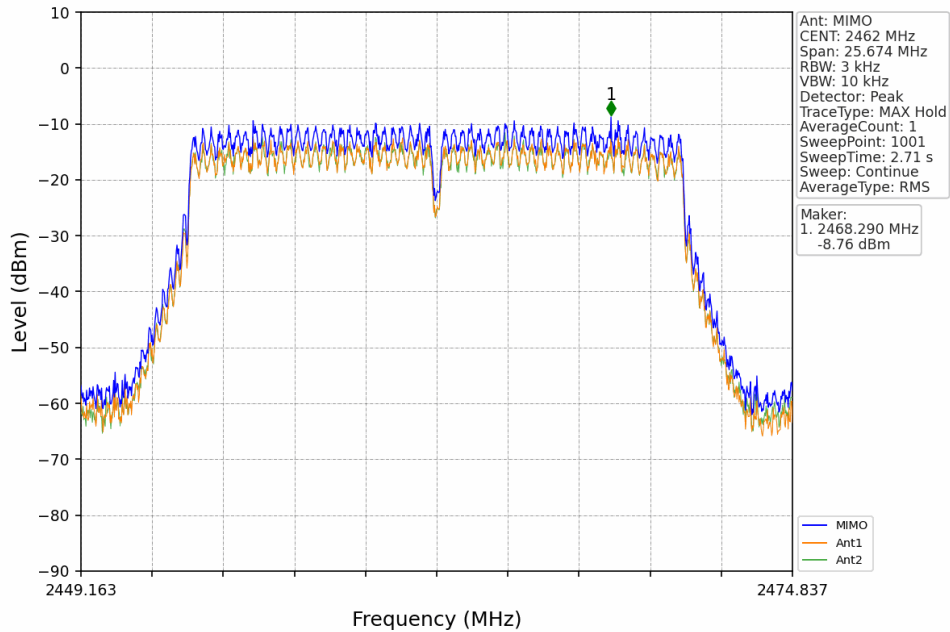
### 802.11n(HT20)\_HCH\_2462MHz\_Ant1 (MIMO)\_NTNV



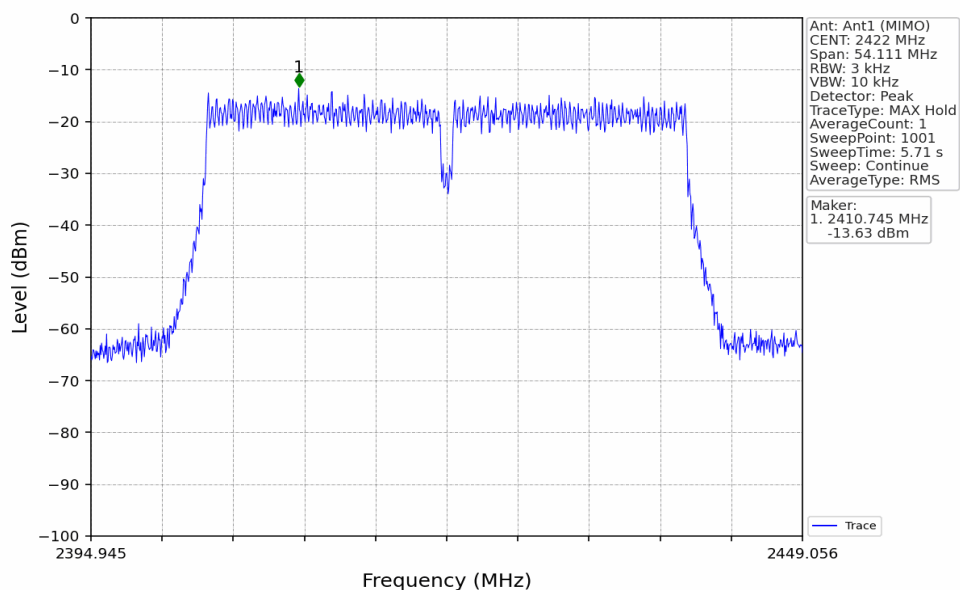
### 802.11n(HT20)\_HCH\_2462MHz\_Ant2 (MIMO)\_NTNV



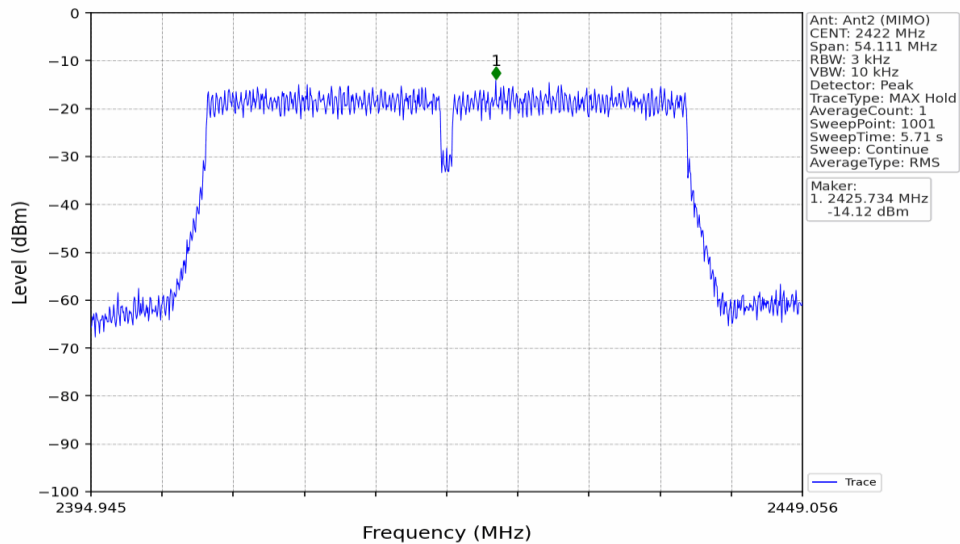
### 802.11n(HT20)\_HCH\_2462MHz\_MIMO\_NTNV



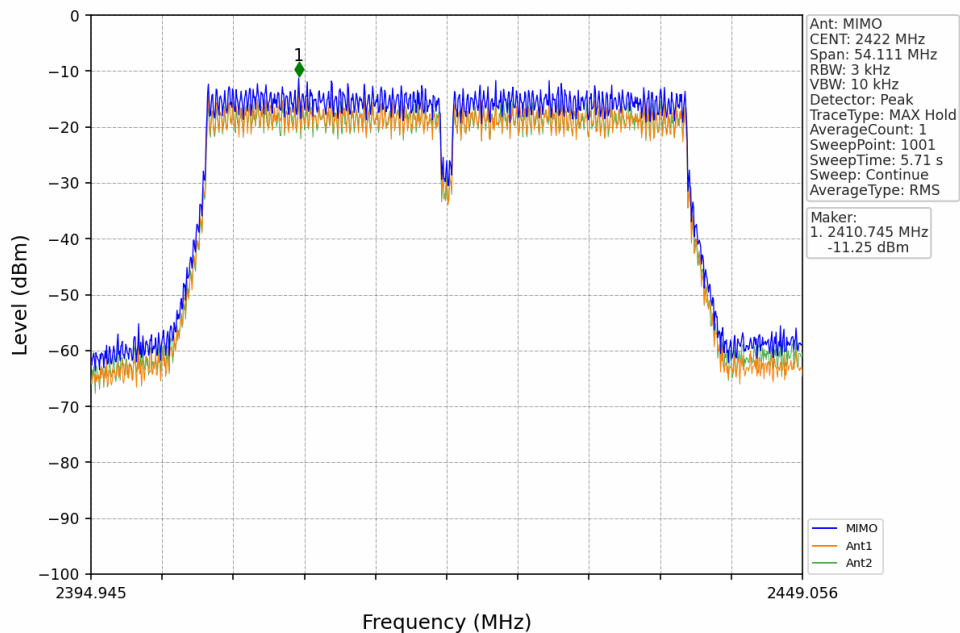
### 802.11n(HT40)\_LCH\_2422MHz\_Ant1 (MIMO)\_NTNV



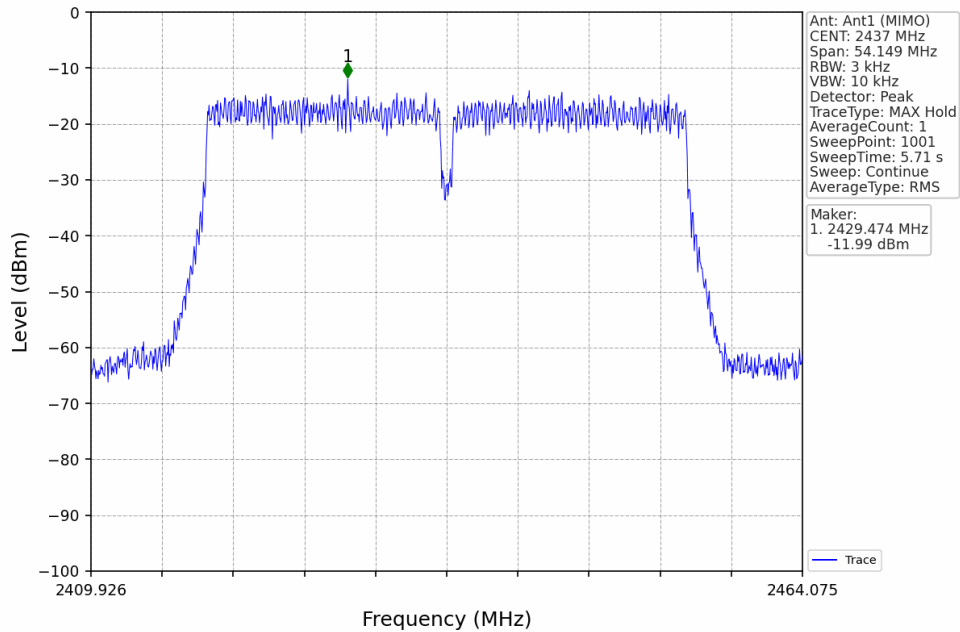
802.11n(HT40)\_LCH\_2422MHz\_Ant2 (MIMO)\_NTNV



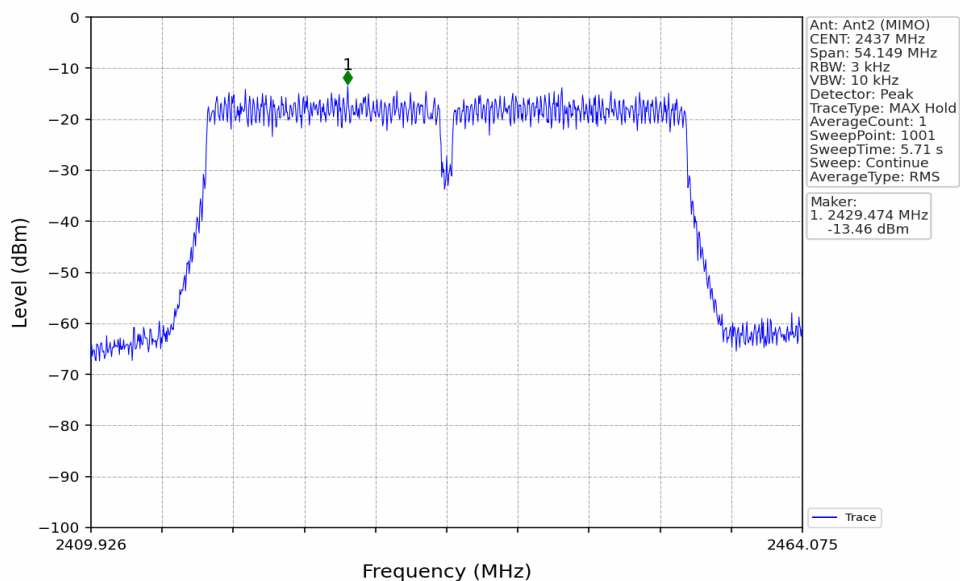
802.11n(HT40)\_LCH\_2422MHz\_MIMO\_NTNV



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

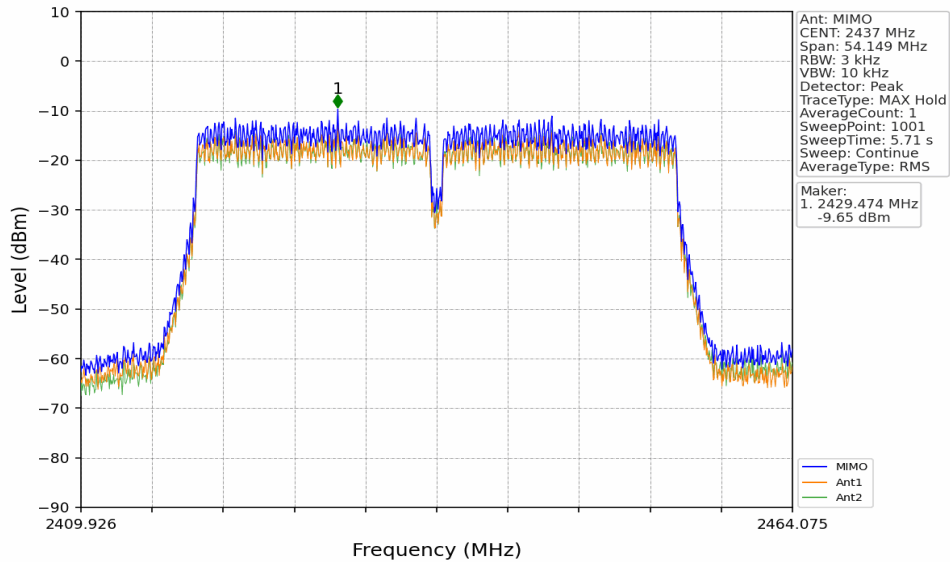


802.11n(HT40)\_MCH\_2437MHz\_Ant2 (MIMO)\_NTNV

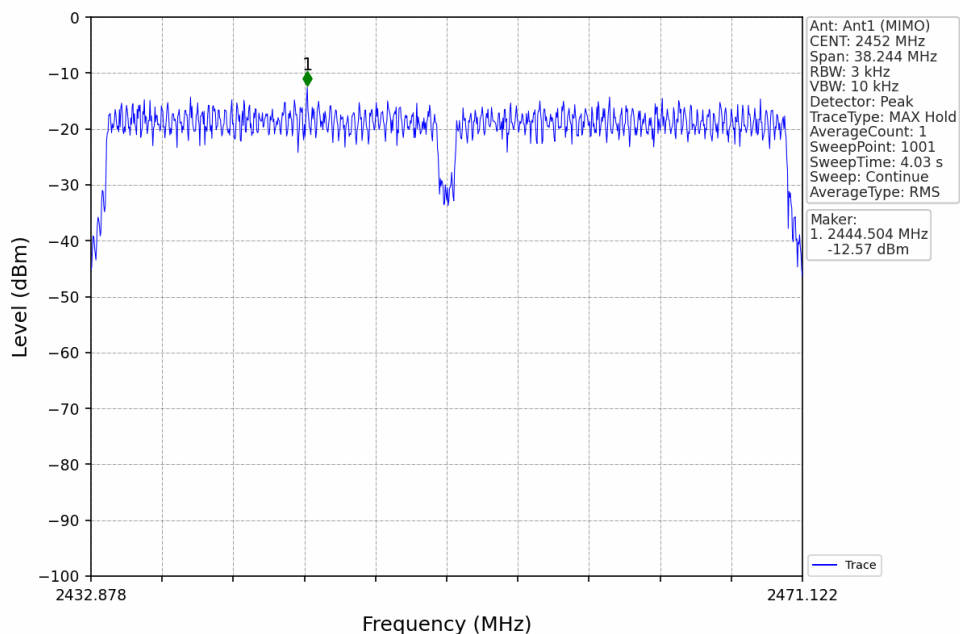




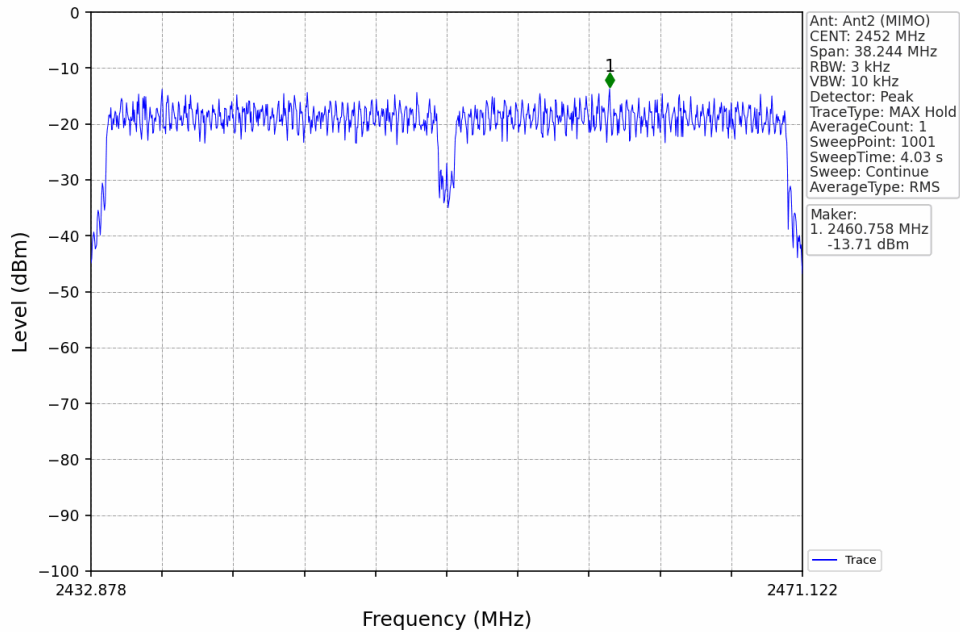
### 802.11n(HT40)\_MCH\_2437MHz\_MIMO\_NTNV



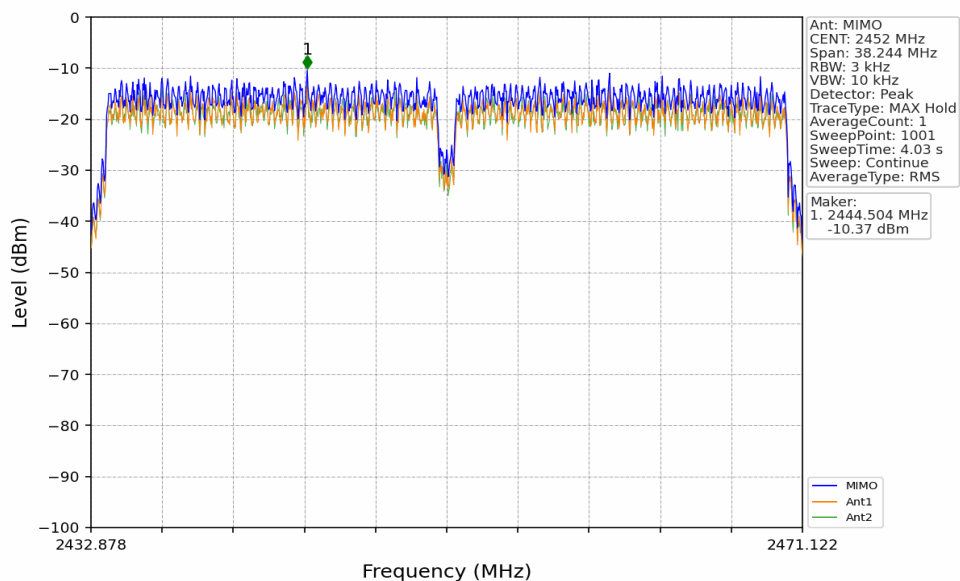
### 802.11n(HT40)\_HCH\_2452MHz\_Ant1 (MIMO)\_NTNV



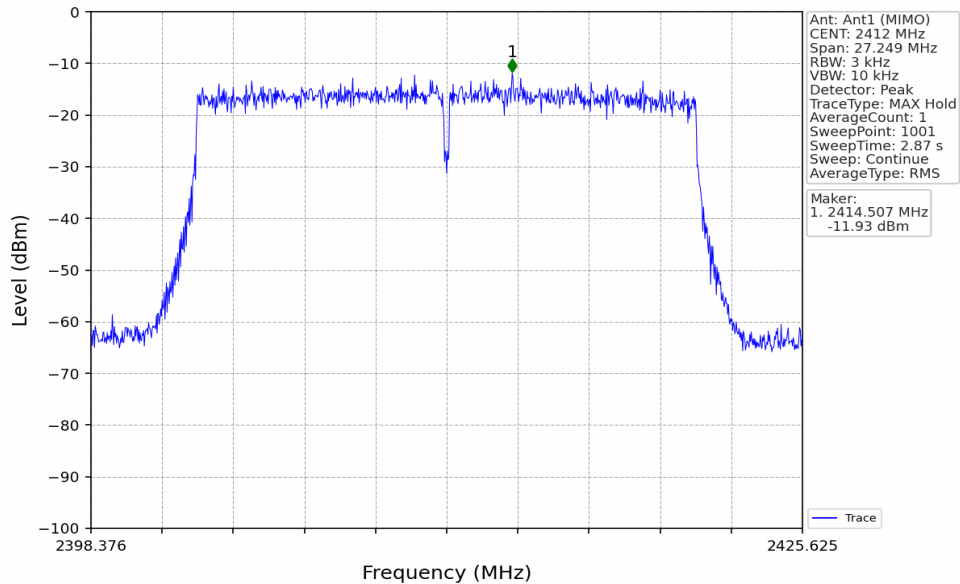
802.11n(HT40)\_HCH\_2452MHz\_Ant2 (MIMO)\_NTNV



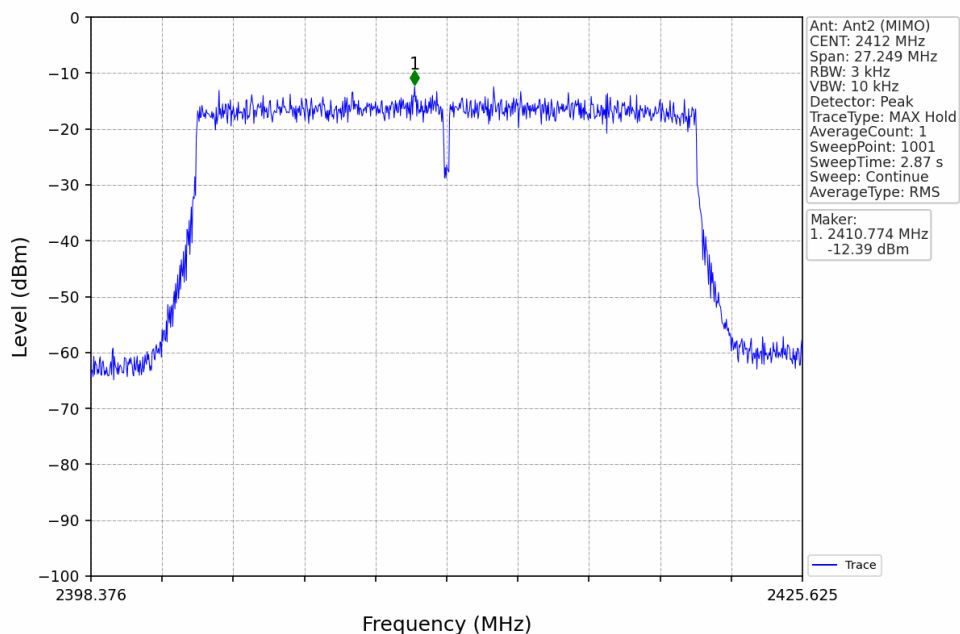
802.11n(HT40)\_HCH\_2452MHz\_MIMO\_NTNV



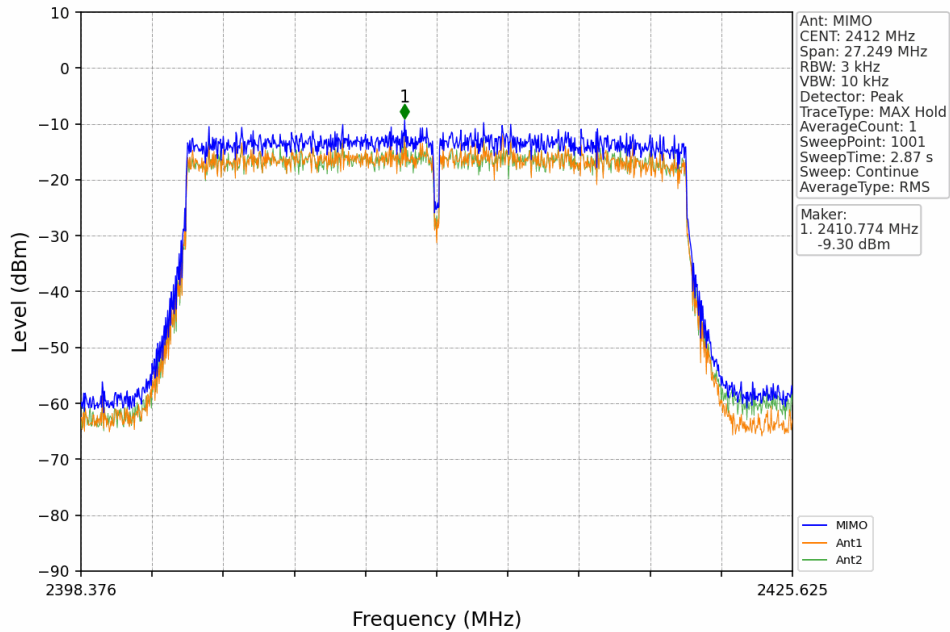
### 802.11ax(HEW20)\_LCH\_2412MHz\_RU242\_Left\_Ant1 (MIMO)\_NTNV



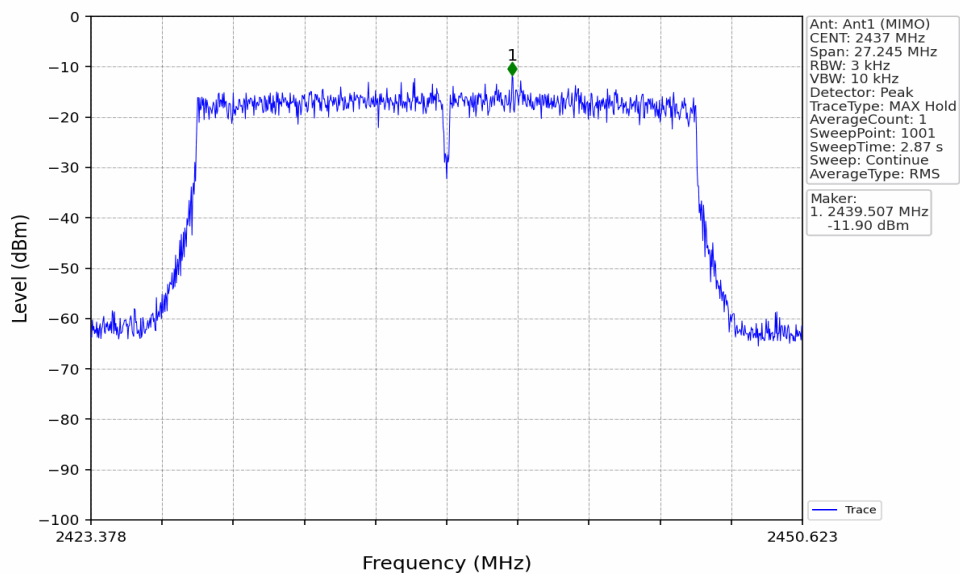
### 802.11ax(HEW20)\_LCH\_2412MHz\_RU242\_Left\_Ant2 (MIMO)\_NTNV



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

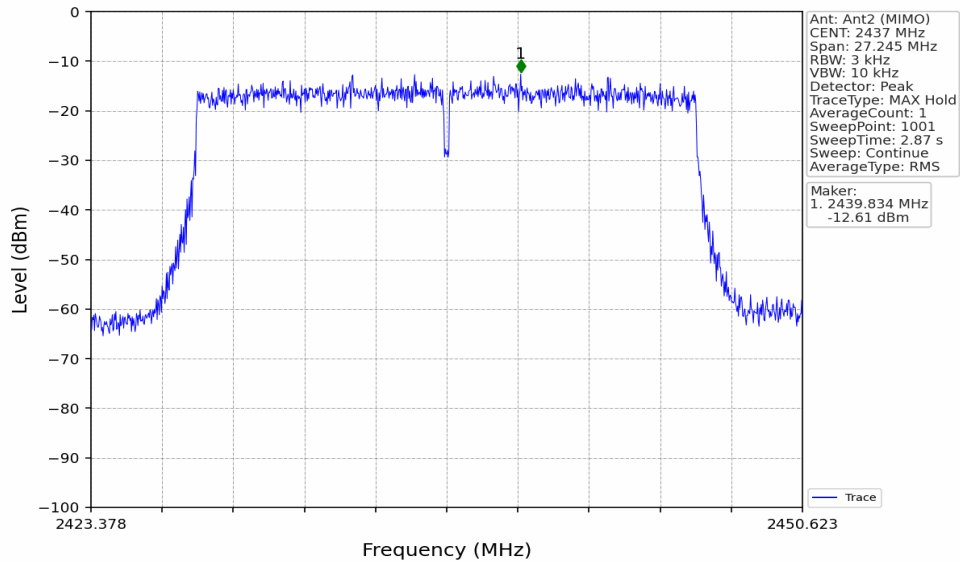


### 802.11ax(HEW20)\_MCH\_2437MHz\_RU242\_Left\_Ant1 (MIMO)\_NTNV

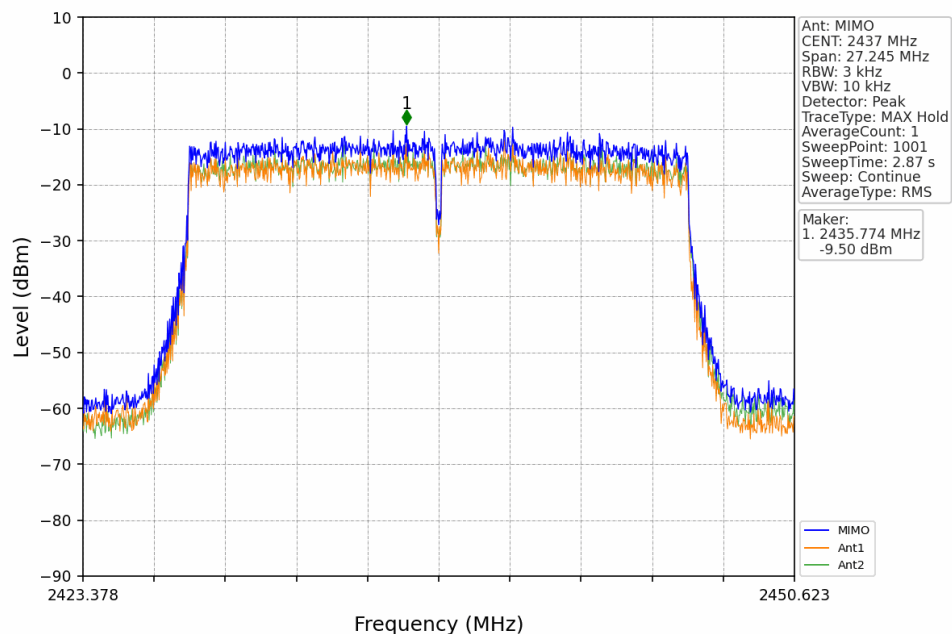




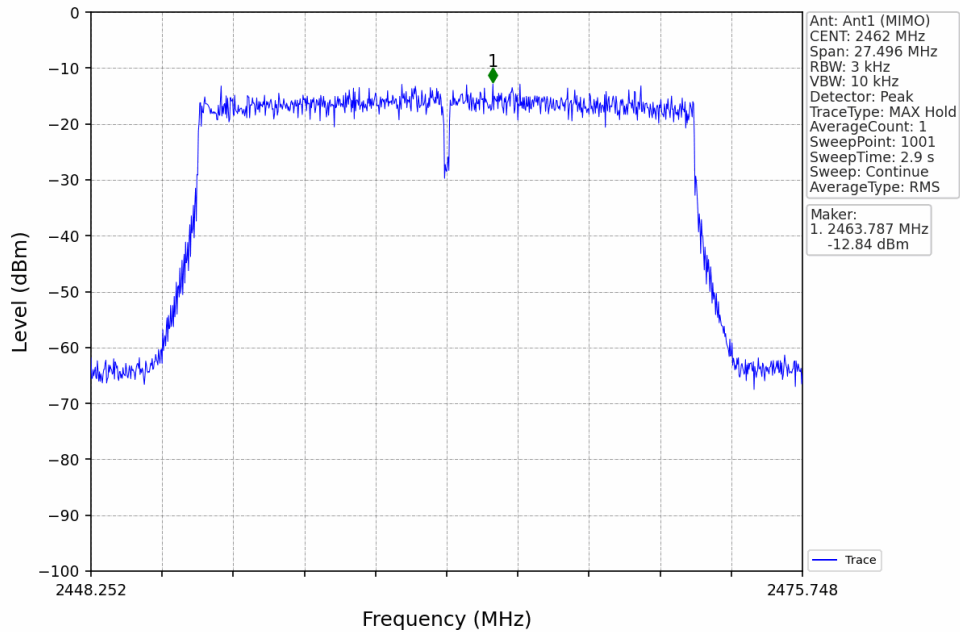
### 802.11ax(HEW20)\_MCH\_2437MHz\_RU242\_Left\_Ant2 (MIMO)\_NTNV



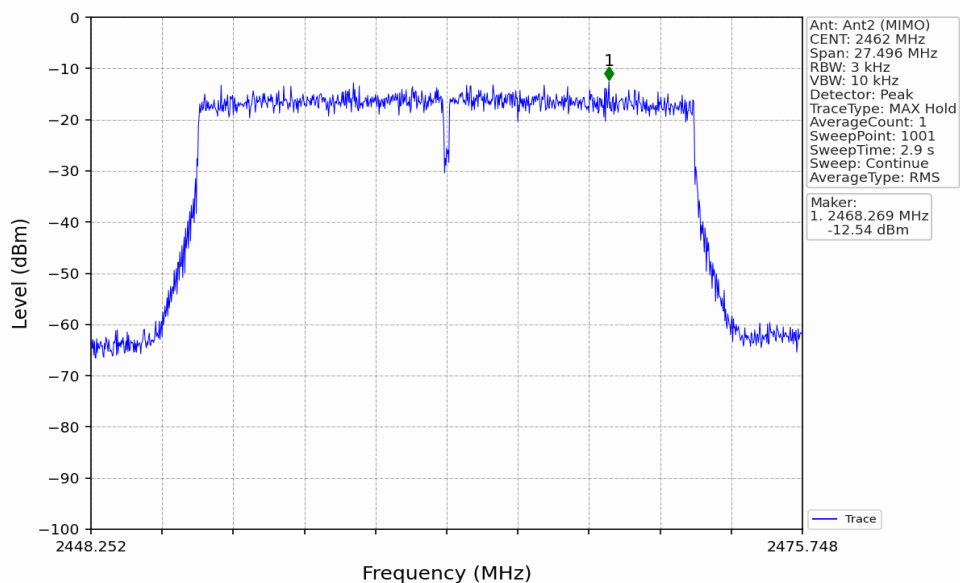
### 802.11ax(HEW20)\_MCH\_2437MHz\_RU242\_Left\_MIMO\_NTNV



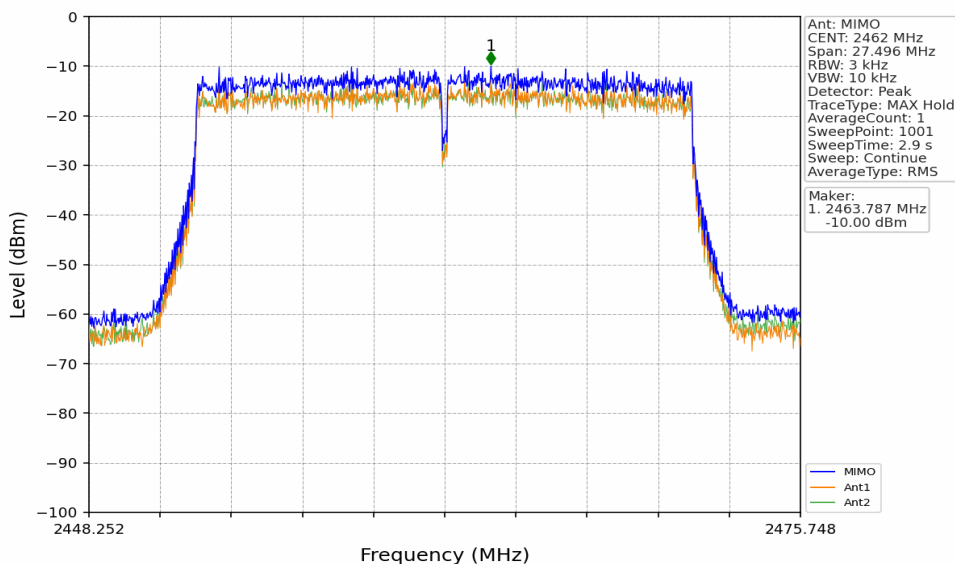
### 802.11ax(HEW20)\_HCH\_2462MHz\_RU242\_Left\_Ant1 (MIMO)\_NTNV



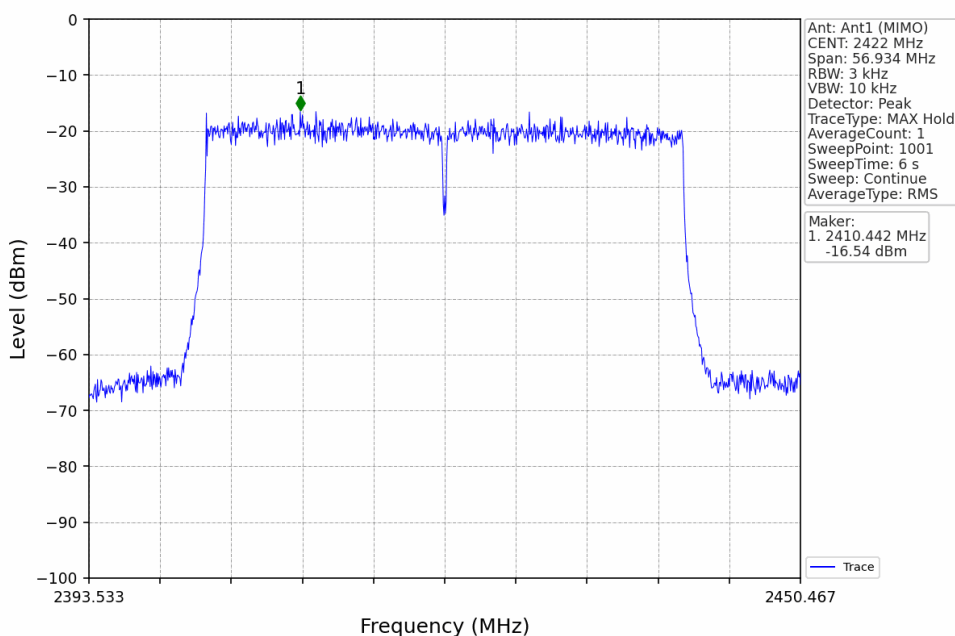
### 802.11ax(HEW20)\_HCH\_2462MHz\_RU242\_Left\_Ant2 (MIMO)\_NTNV



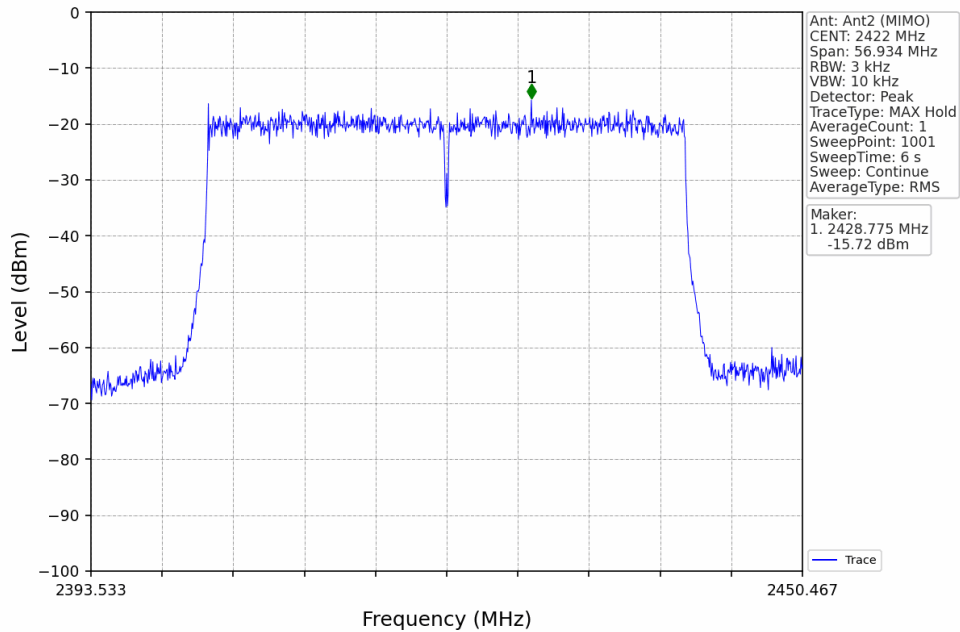
### 802.11ax(HEW20)\_HCH\_2462MHz\_RU242\_Left\_MIMO\_NTNV



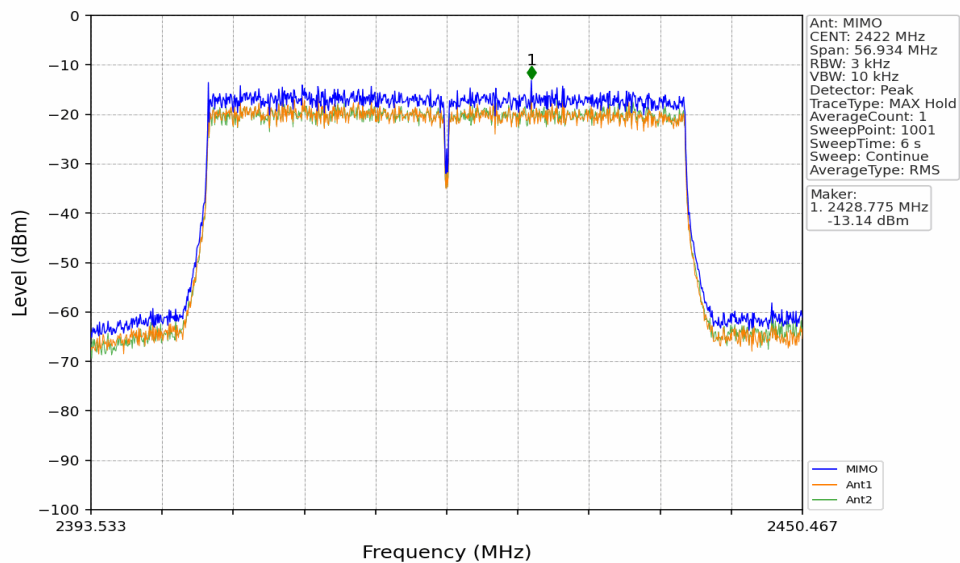
### 802.11ax(HEW40)\_LCH\_2422MHz\_RU484\_Left\_Ant1 (MIMO)\_NTNV



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

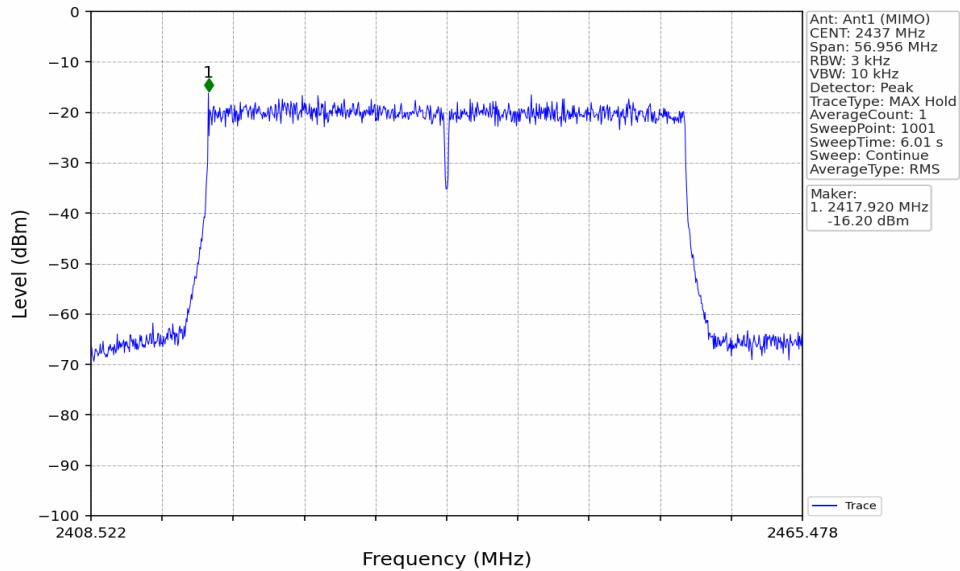


### 802.11ax(HEW40)\_LCH\_2422MHz\_RU484\_Left\_MIMO\_NTNV

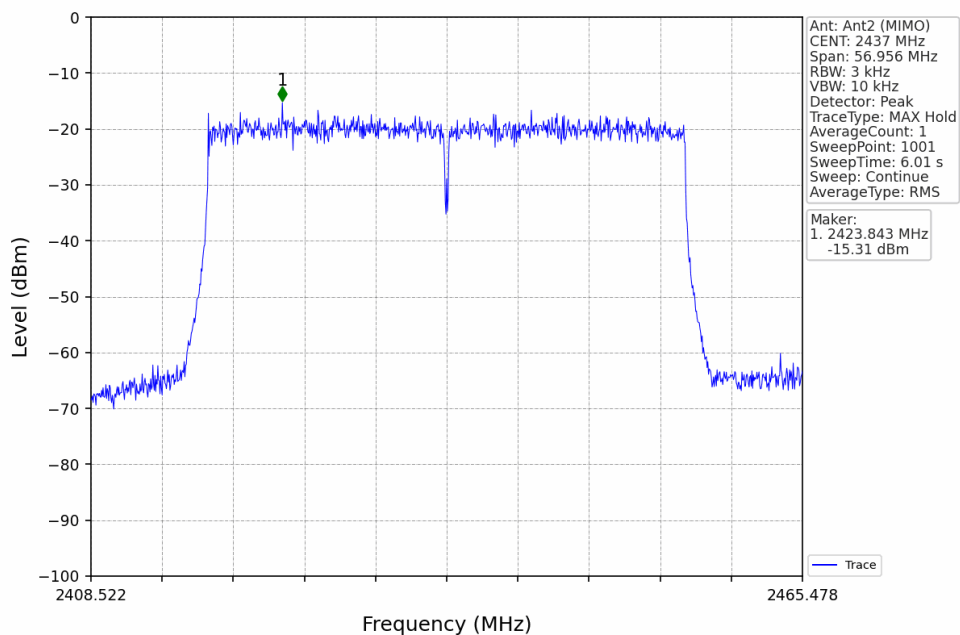




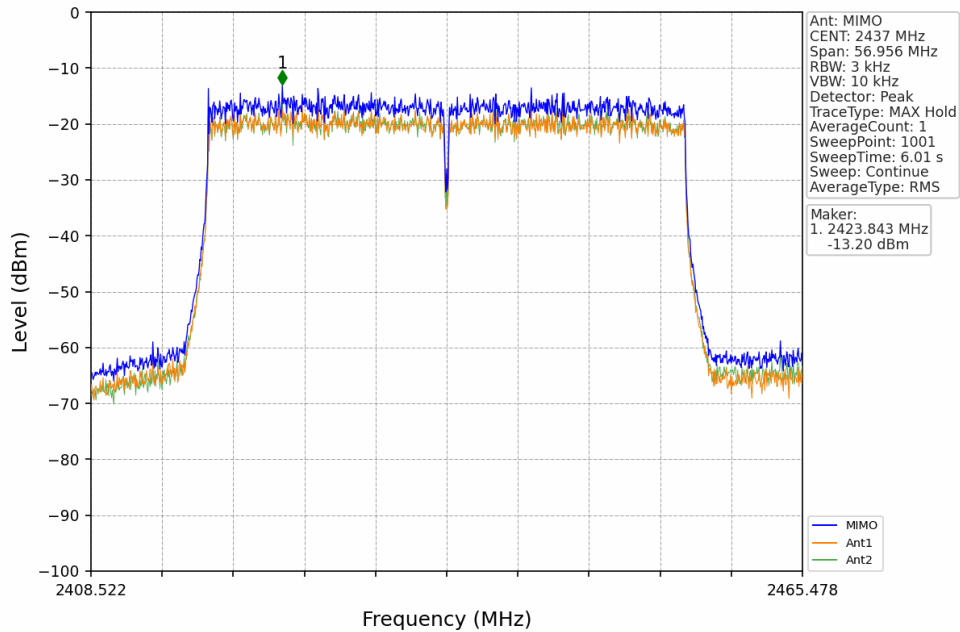
### 802.11ax(HEW40)\_MCH\_2437MHz\_RU484\_Left\_Ant1 (MIMO)\_NTNV



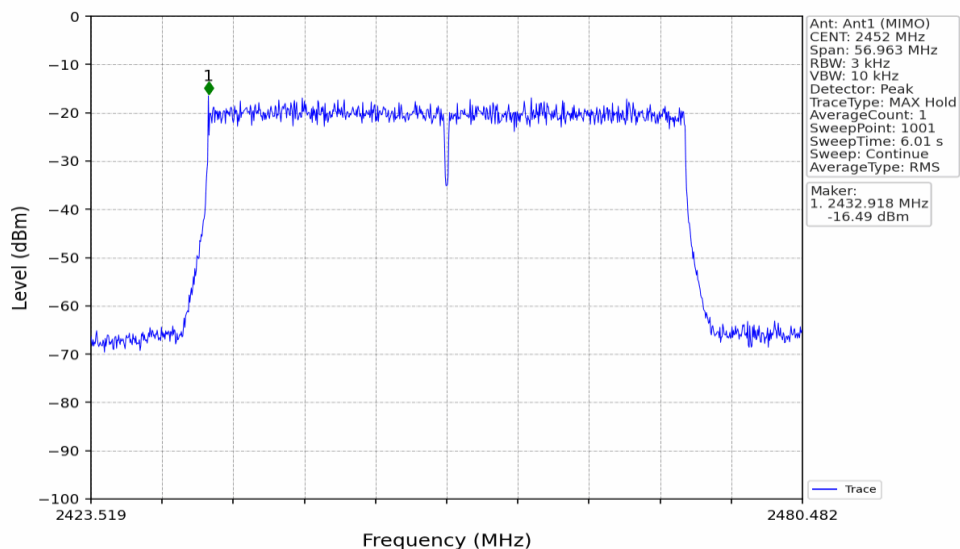
### 802.11ax(HEW40)\_MCH\_2437MHz\_RU484\_Left\_Ant2 (MIMO)\_NTNV



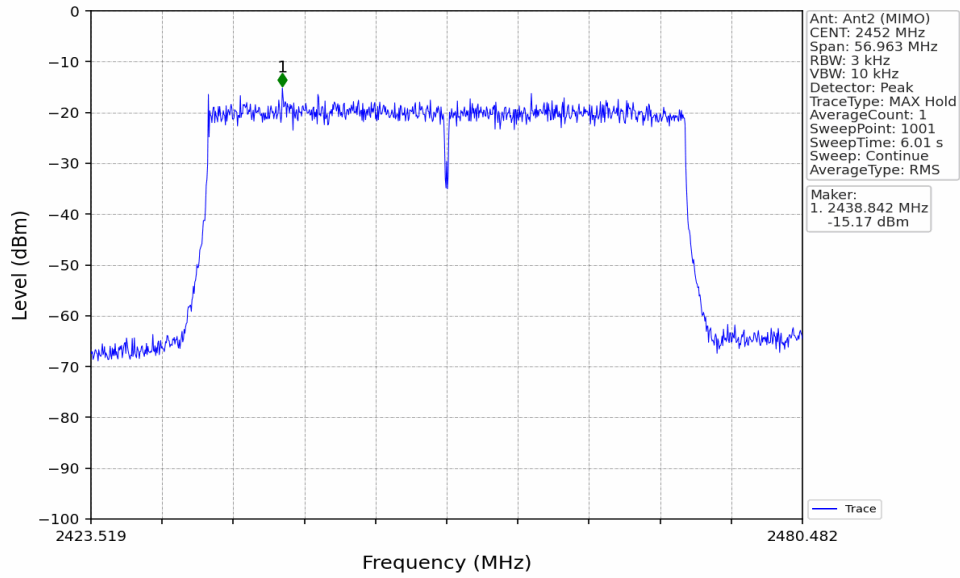
### 802.11ax(HEW40)\_MCH\_2437MHz\_RU484\_Left\_MIMO\_NTNV



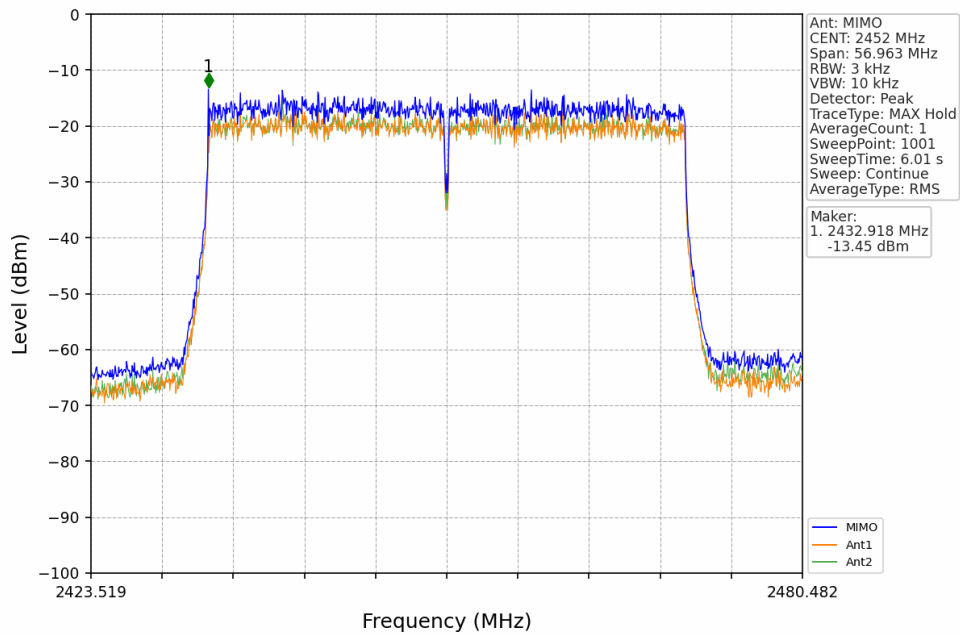
### 802.11ax(HEW40)\_HCH\_2452MHz\_RU484\_Left\_Ant1 (MIMO)\_NTNV



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



### 802.11ax(HEW40)\_HCH\_2452MHz\_RU484\_Left\_MIMO\_NTNV



## 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	7.37
					2	7.37
		2437	/	/	1	7.45
					2	7.50
		2462	/	/	1	7.50
					2	7.57
802.11g	SISO	2412	/	/	1	-0.74
					2	-0.79
		2437	/	/	1	5.13
					2	4.86
		2462	/	/	1	4.81
					2	4.84
802.11n (HT20)	MIMO	2412	/	/	1	4.17
					2	3.95
		2437	/	/	1	3.99
					2	4.13
		2462	/	/	1	4.25
					2	3.94
802.11n (HT40)	MIMO	2422	/	/	1	1.25
					2	0.93
		2437	/	/	1	1.22
					2	0.91
		2452	/	/	1	1.13
					2	0.88
802.11ax (HEW20)	MIMO	2412	RU242	Left	1	2.92
					2	2.83
		2437	RU242	Left	1	2.91
					2	2.74
		2462	RU242	Left	1	<b>3.06</b>
					2	



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					2	2.82
802.11ax (HEW40)	MIMO	2422	RU484	Left	1	-0.99
					2	<b>-1.12</b>
		2437	RU484	Left	1	<b>-0.88</b>
					2	-1.22
		2452	RU484	Left	1	-1.13
					2	-1.23



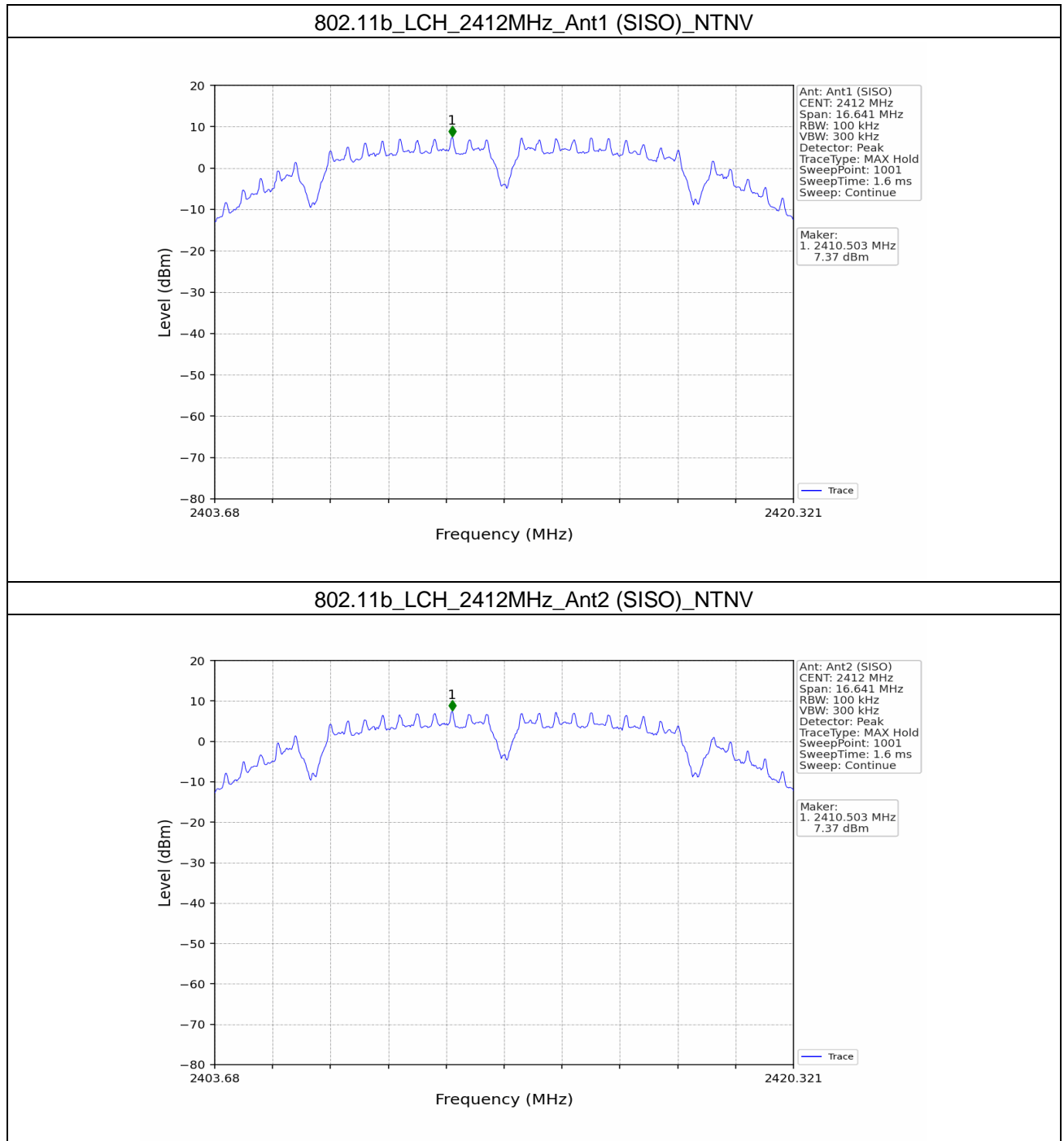
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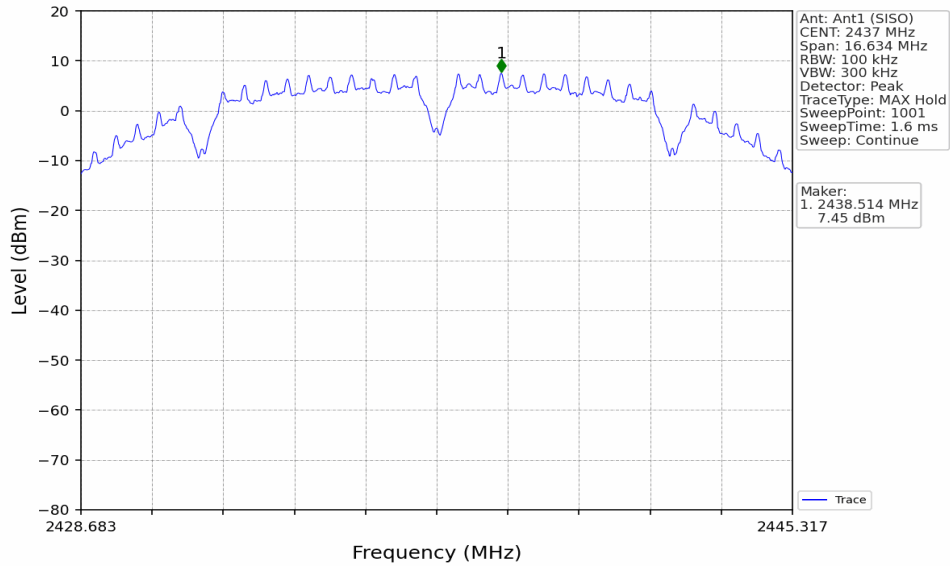
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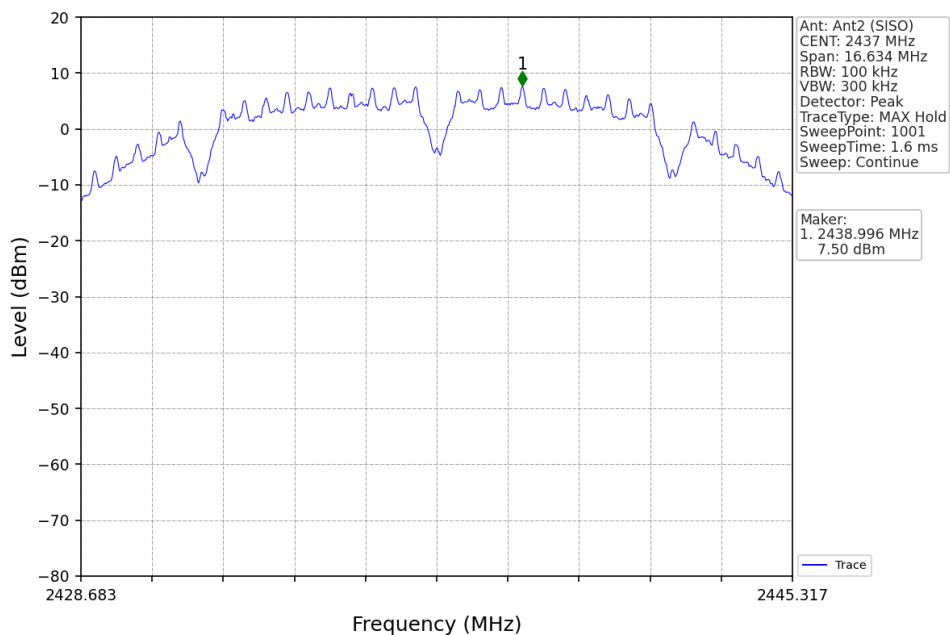
### 5.1.2 Test Graph



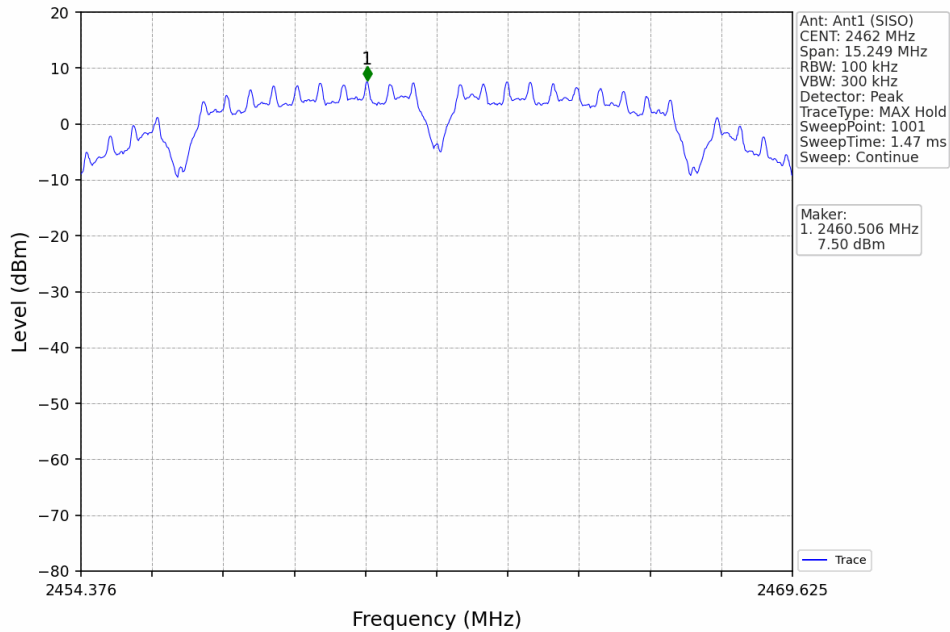
### 802.11b\_MCH\_2437MHz\_Ant1 (SISO)\_NTNV



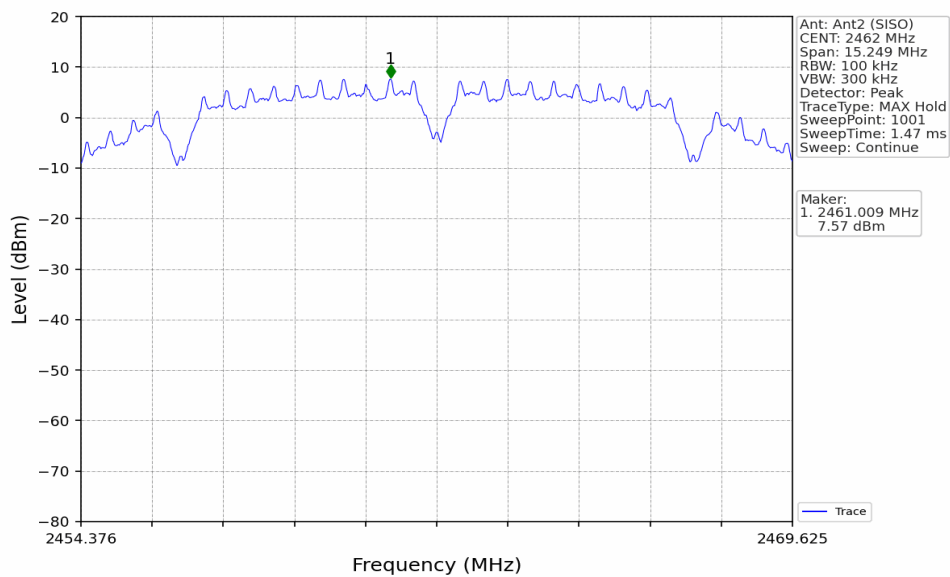
### 802.11b\_MCH\_2437MHz\_Ant2 (SISO)\_NTNV



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

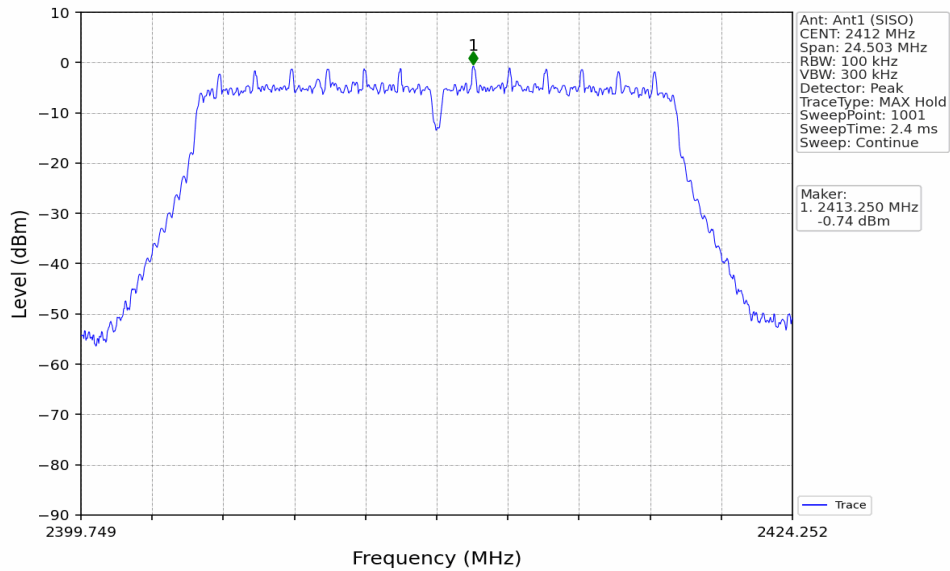


### 802.11b\_HCH\_2462MHz\_Ant2 (SISO)\_NTNV

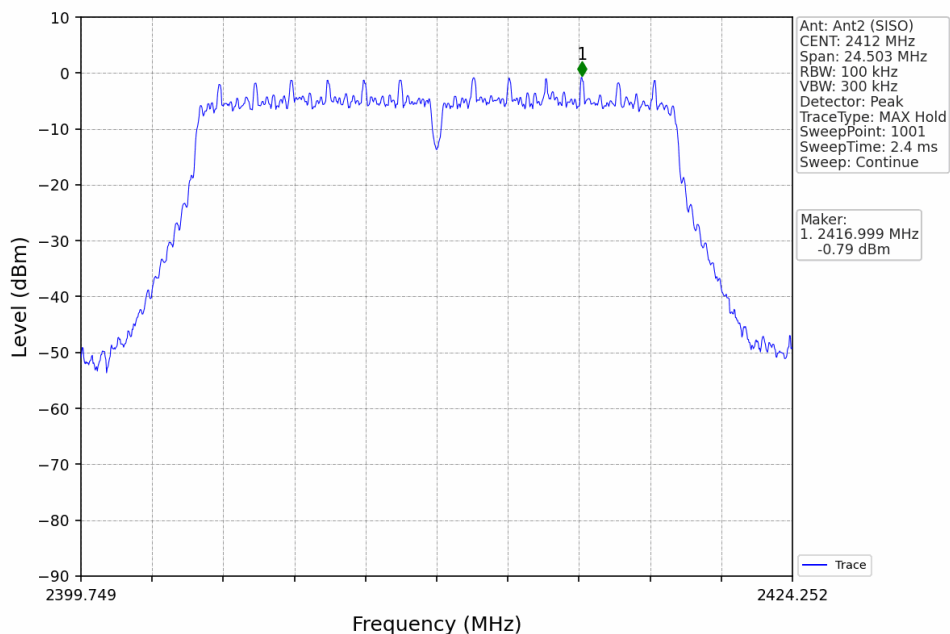




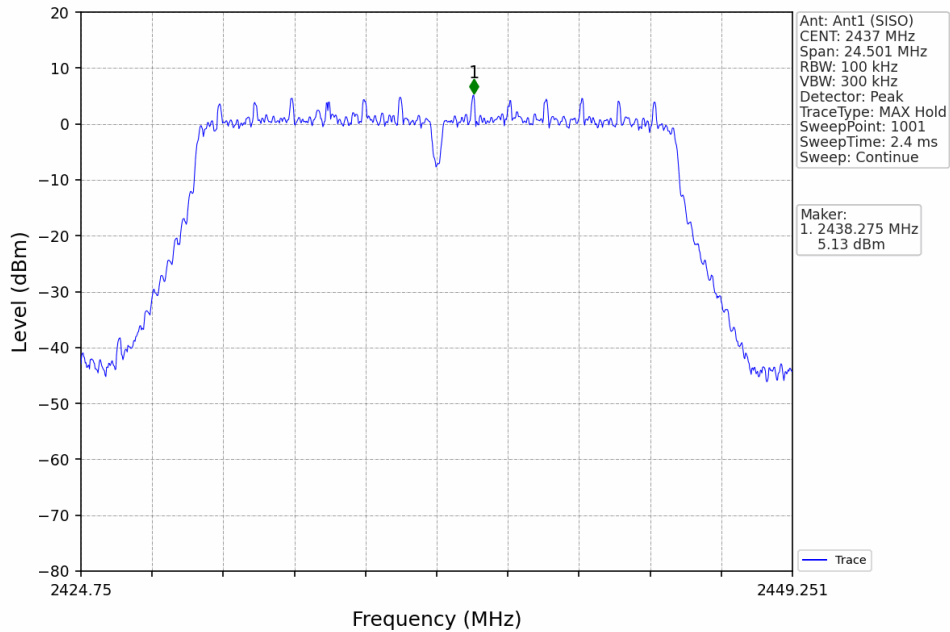
### 802.11g\_LCH\_2412MHz\_Ant1 (SISO)\_NTNV



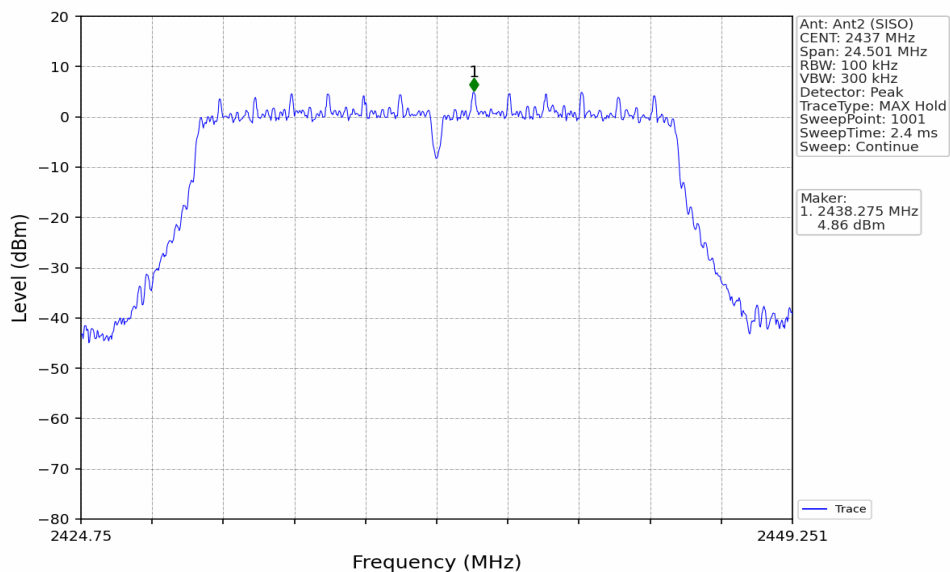
### 802.11g\_LCH\_2412MHz\_Ant2 (SISO)\_NTNV



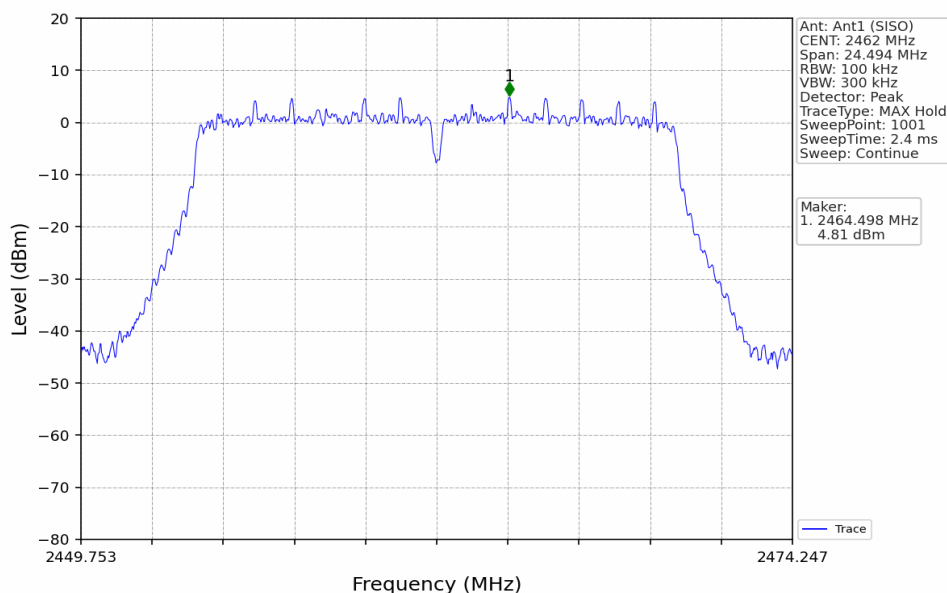
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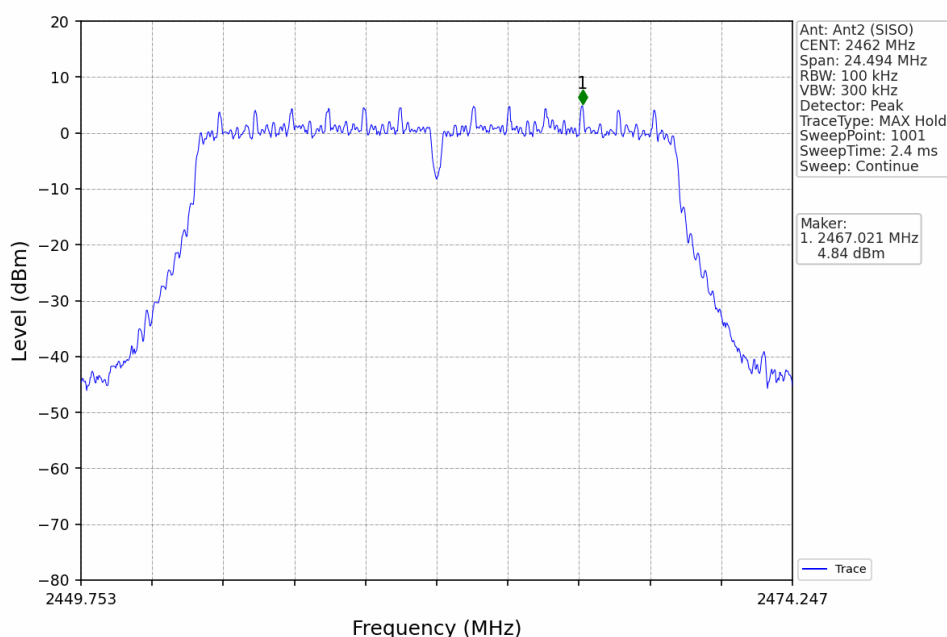
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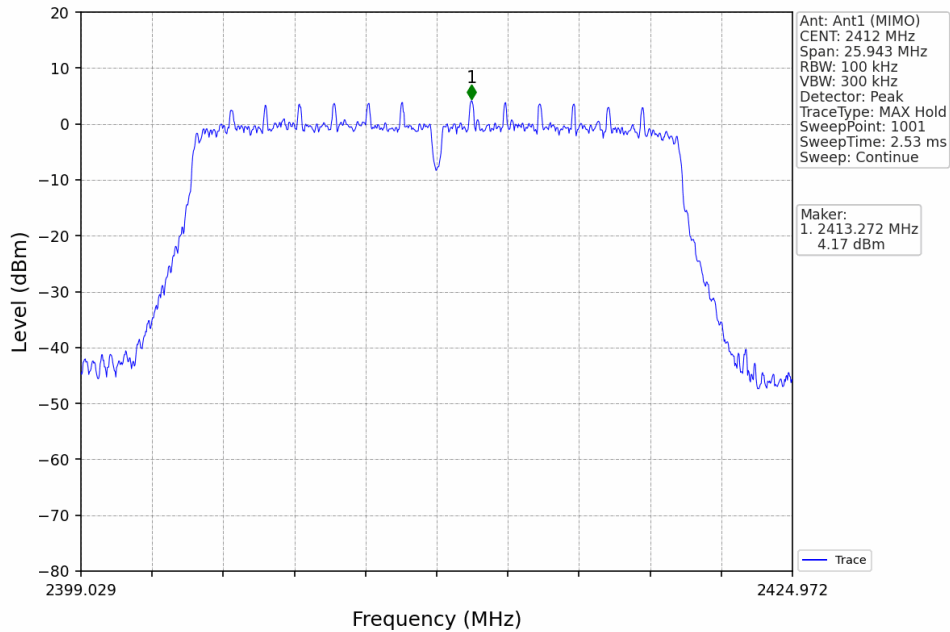
### 802.11g\_HCH\_2462MHz\_Ant1 (SISO)\_NTNV



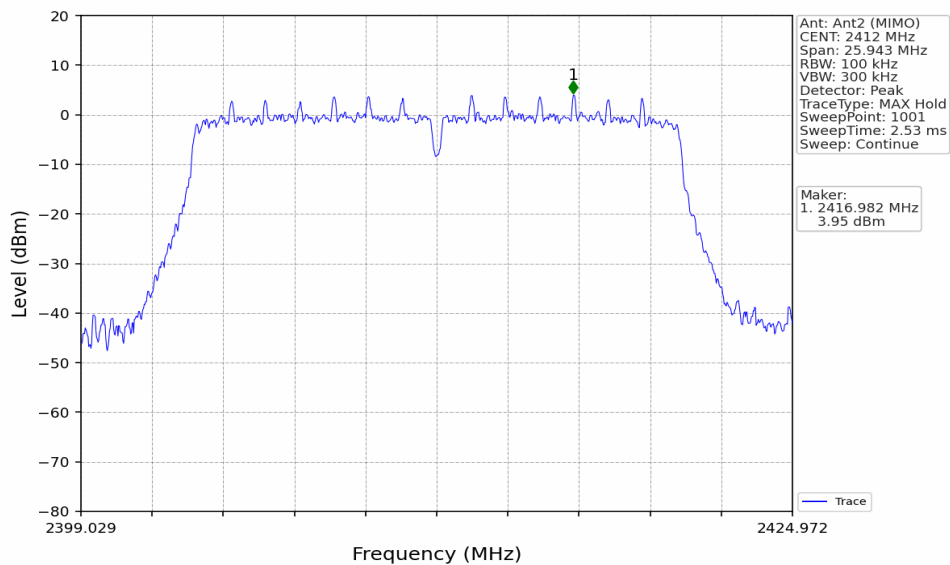
### 802.11g\_HCH\_2462MHz\_Ant2 (SISO)\_NTNV



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

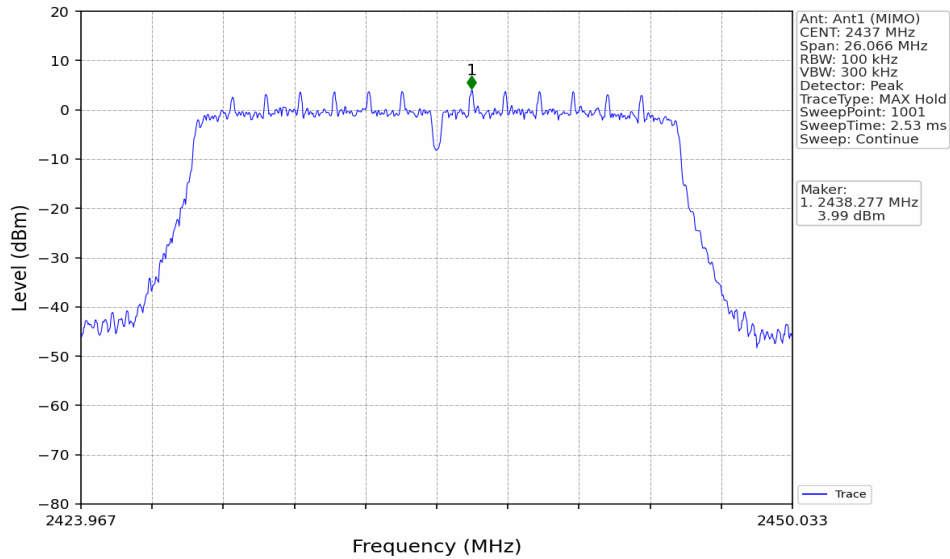


### 802.11n(HT20)\_LCH\_2412MHz\_Ant2 (MIMO)\_NTNV

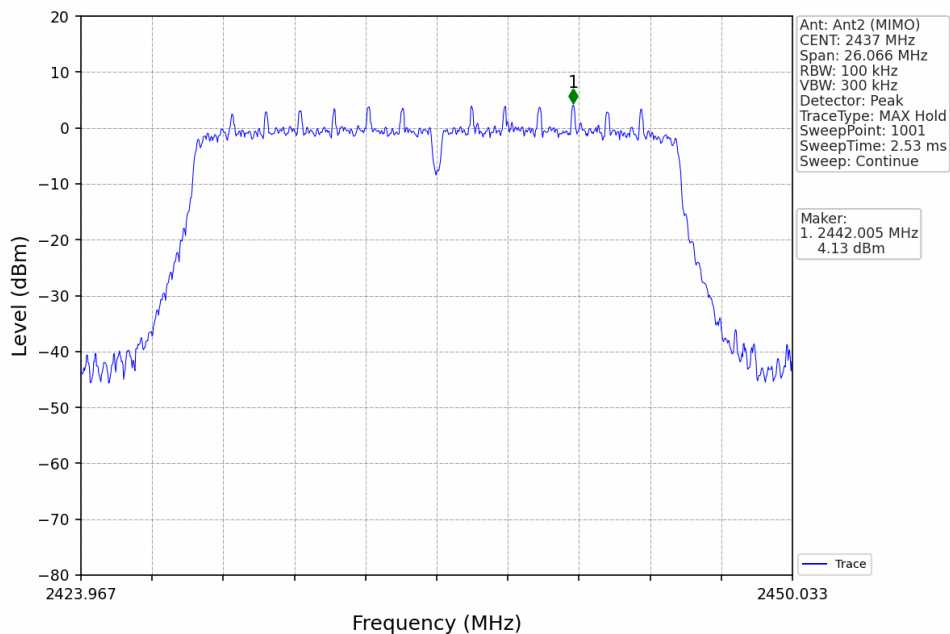




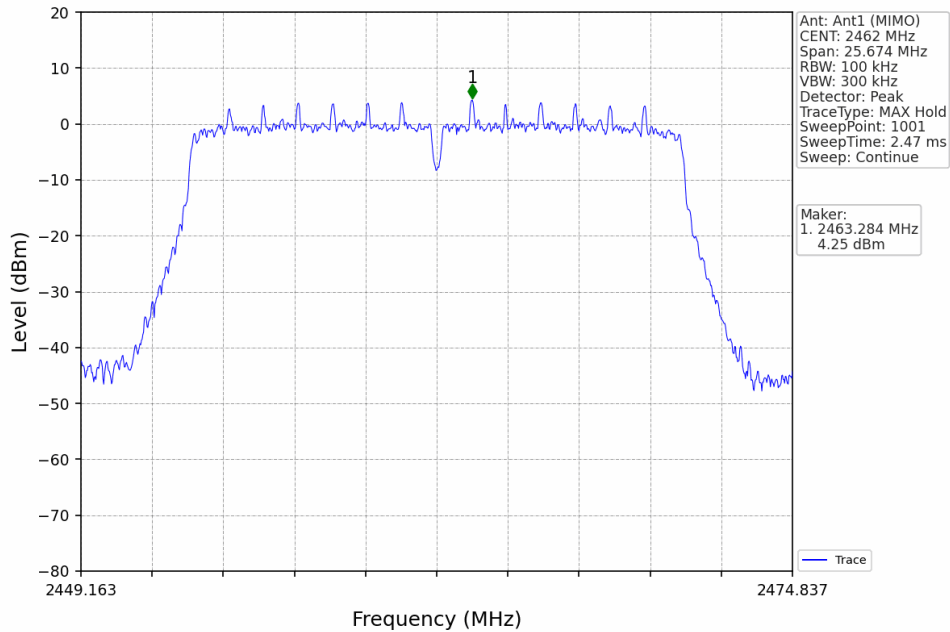
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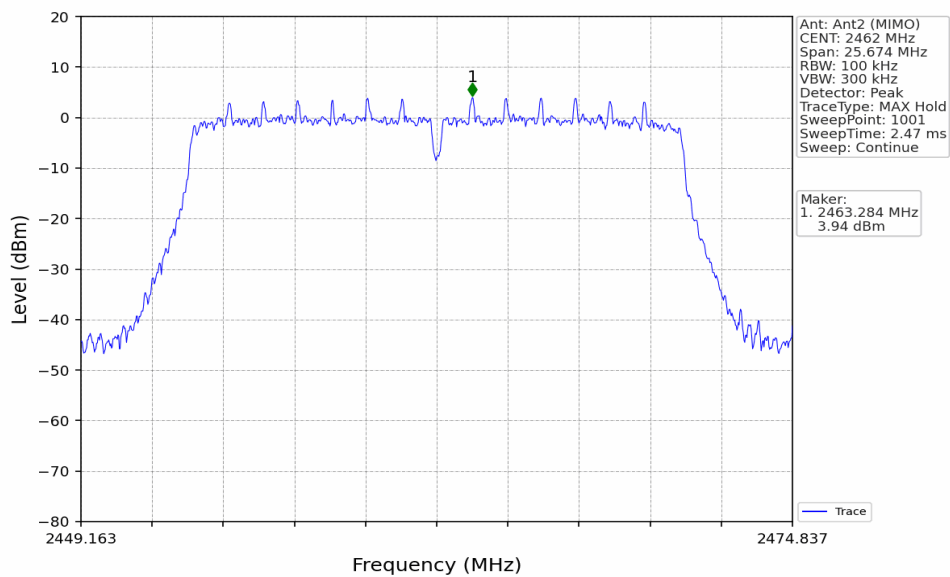
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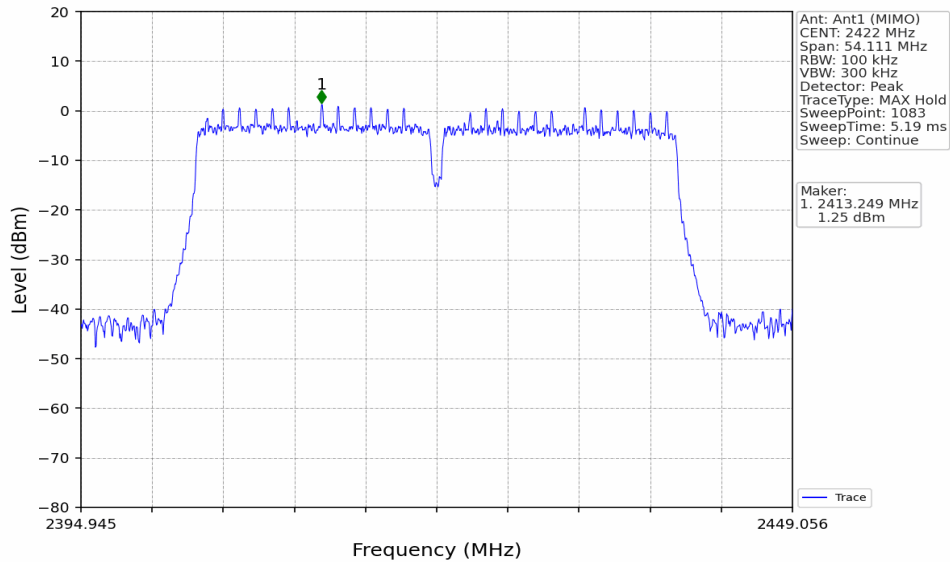
### 802.11n(HT20)\_HCH\_2462MHz\_Ant1 (MIMO)\_NTNV



### 802.11n(HT20)\_HCH\_2462MHz\_Ant2 (MIMO)\_NTNV



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



### 802.11n(HT40)\_LCH\_2422MHz\_Ant2 (MIMO)\_NTNV

