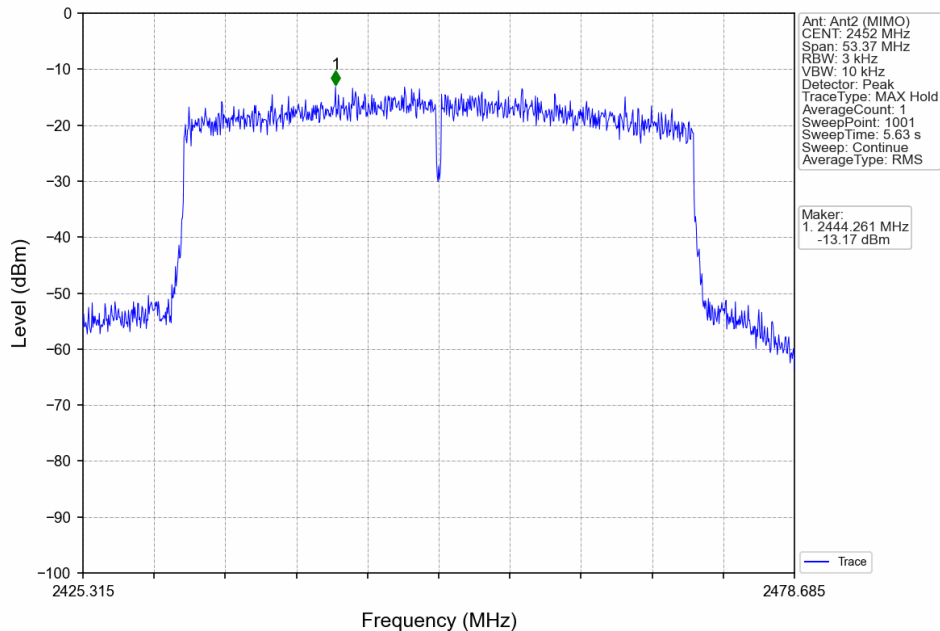
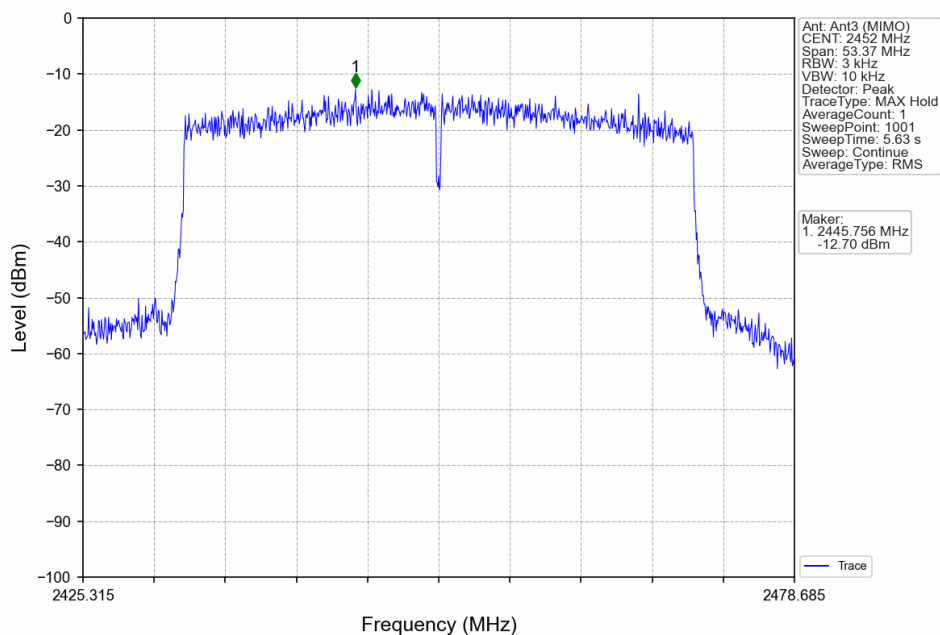


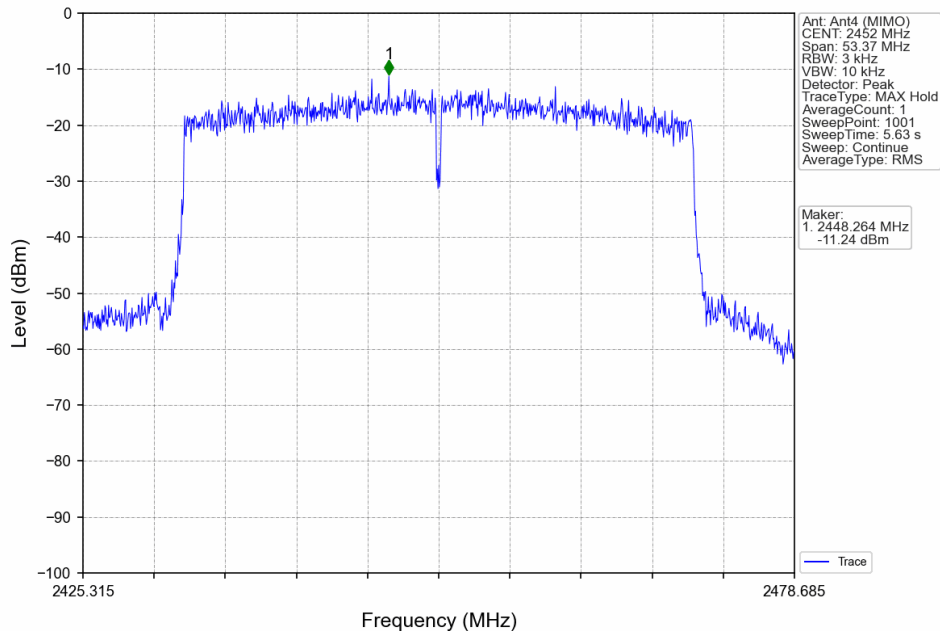
802.11ax(HEW40)\_HCH\_2452MHz\_RU484\_Left\_Ant2 (MIMO)\_NTNV



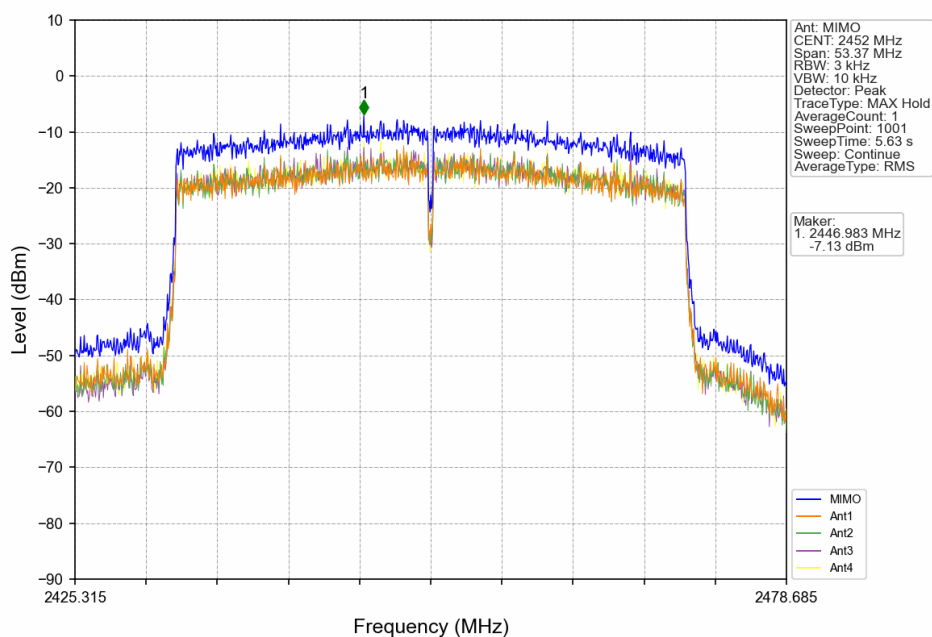
802.11ax(HEW40)\_HCH\_2452MHz\_RU484\_Left\_Ant3 (MIMO)\_NTNV



802.11ax(HEW40)\_HCH\_2452MHz\_RU484\_Left\_Ant4 (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	14.97
					2	15.51
					3	16.18
					4	14.82
		2437	/	/	1	17.68
					2	18.15
					3	19.09
					4	17.65
		2462	/	/	1	15.08
					2	15.48
					3	16.53
					4	15.29
802.11g	SISO	2412	/	/	1	10.29
					2	10.35
					3	10.79
					4	9.74
		2437	/	/	1	17.94
					2	17.20
					3	17.17
					4	17.40
		2462	/	/	1	10.98
					2	11.04
					3	11.43
					4	10.72



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SZEMC-TRF-01 Rev. A/1

Report No.: SZCR230900315802

Page: 160 of 259

802.11n (HT20)	MIMO	2412	/	/	1	6.91
					2	7.62
					3	6.87
					4	6.64
		2437	/	/	1	9.86
					2	9.64
					3	9.60
					4	9.81
		2462	/	/	1	7.16
					2	8.12
					3	7.54
					4	7.59
802.11n (HT40)	MIMO	2422	/	/	1	2.87
					2	2.85
					3	3.49
					4	3.28
		2437	/	/	1	6.21
					2	6.32
					3	6.61
					4	6.19
		2452	/	/	1	3.23
					2	2.79
					3	3.57
					4	3.24
802.11ax (HEW20)	MIMO	2412	RU242	Left	1	6.85
					2	7.70
					3	6.99
					4	6.68
		2437	RU242	Left	1	9.63
					2	9.64
					3	9.90
					4	9.65



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SZEMC-TRF-01 Rev. A/1

Report No.: SZCR230900315802

Page: 161 of 259

		2462	RU242	Left	1	7.41
					2	8.44
					3	7.74
					4	7.50
802.11ax (HEW40)	MIMO	2422	RU484	Left	1	2.81
					2	3.41
					3	3.34
					4	3.29
		2437	RU484	Left	1	6.10
					2	6.55
					3	6.32
					4	6.93
		2452	RU484	Left	1	2.78
					2	3.38
					3	3.43
					4	3.32



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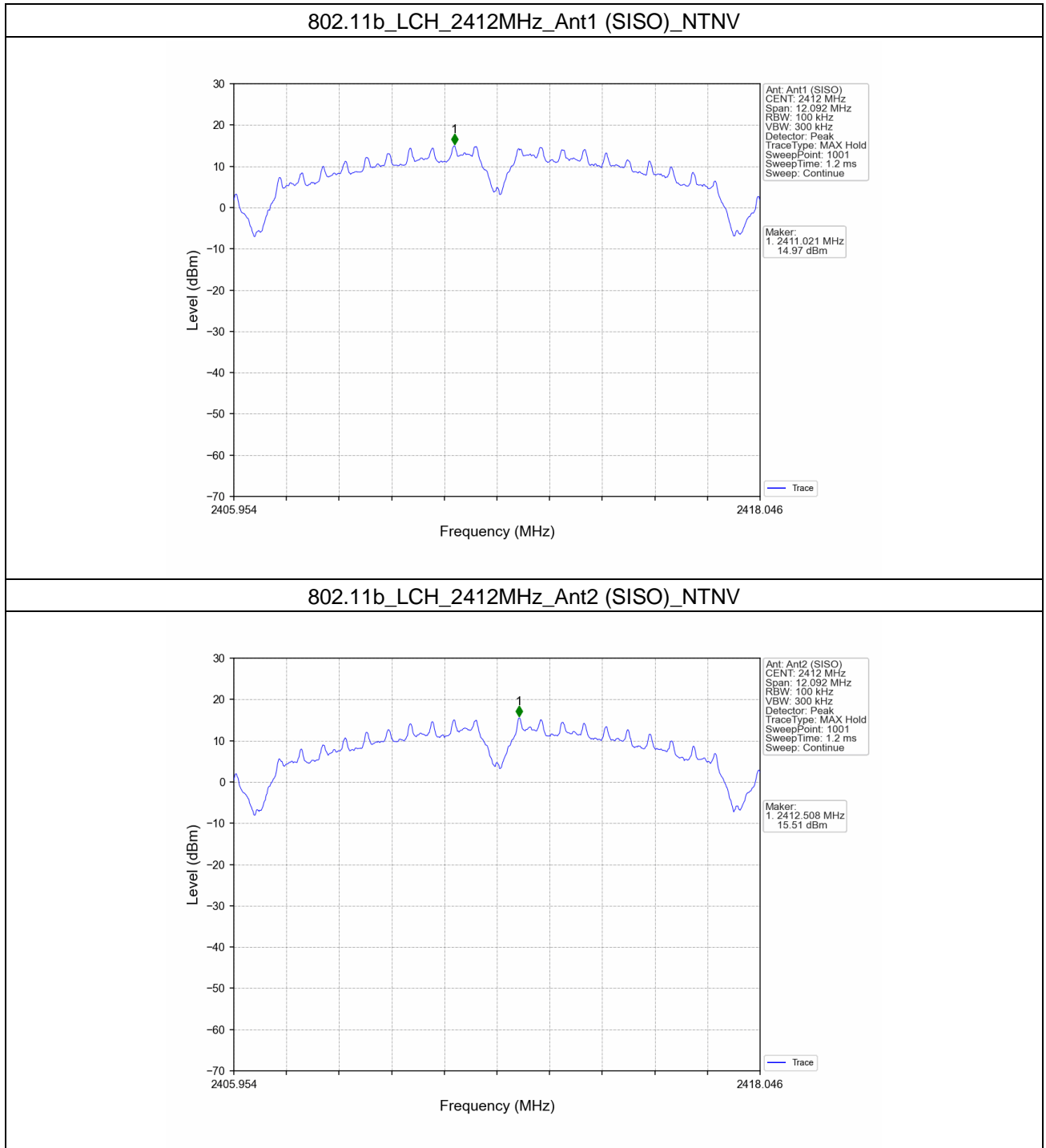
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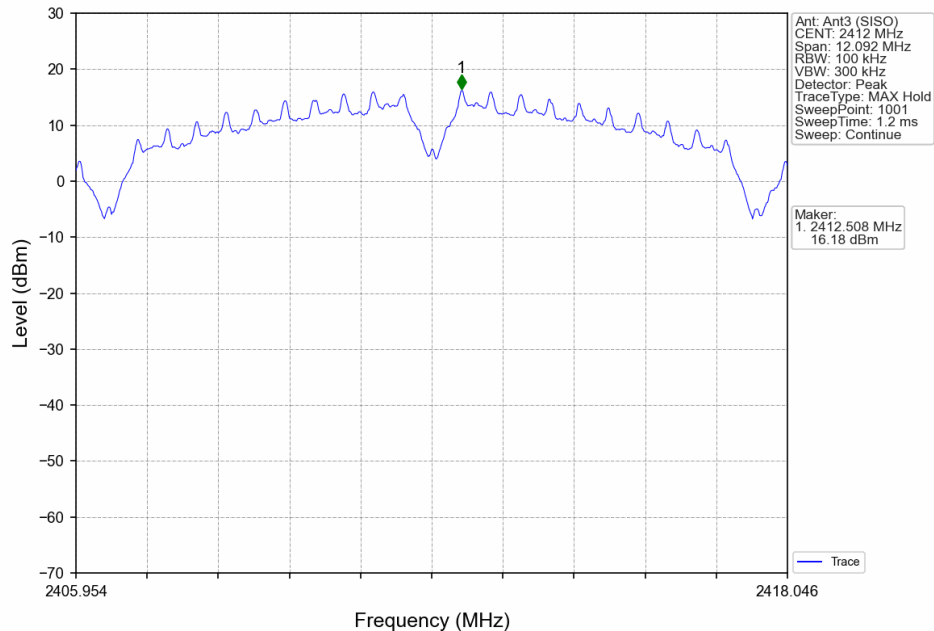
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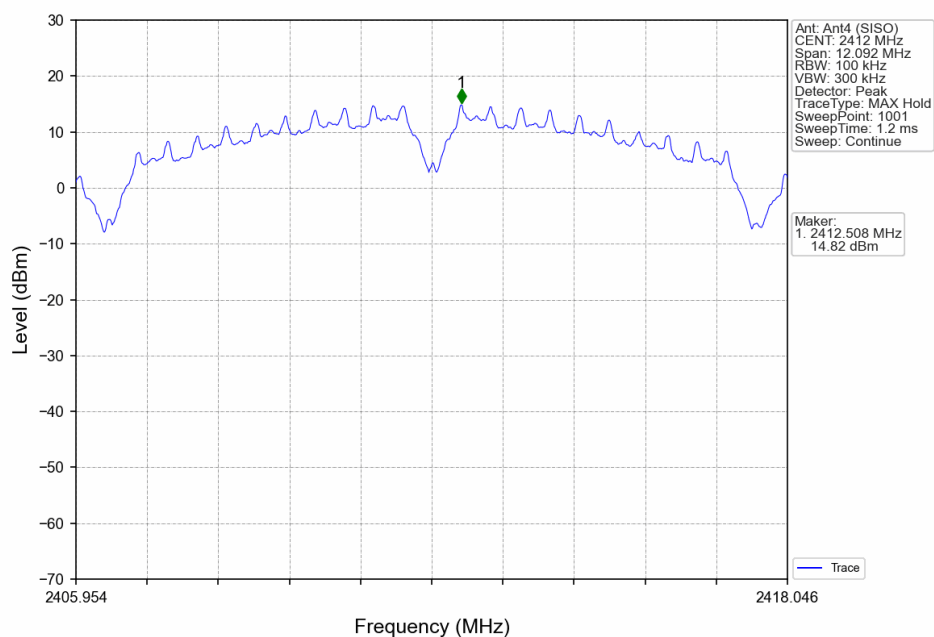
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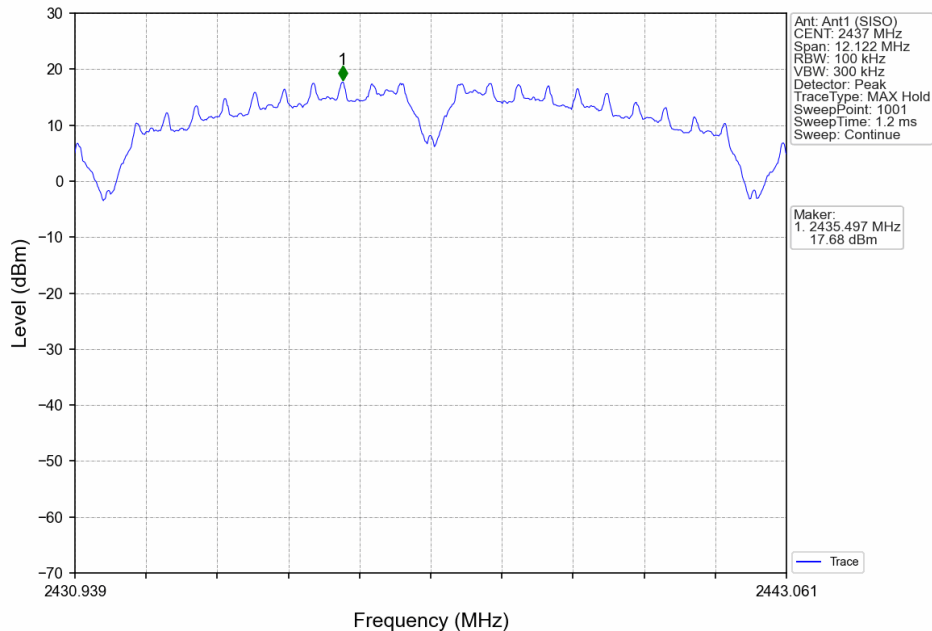
802.11b\_LCH\_2412MHz\_Ant3 (SISO)\_NTNV



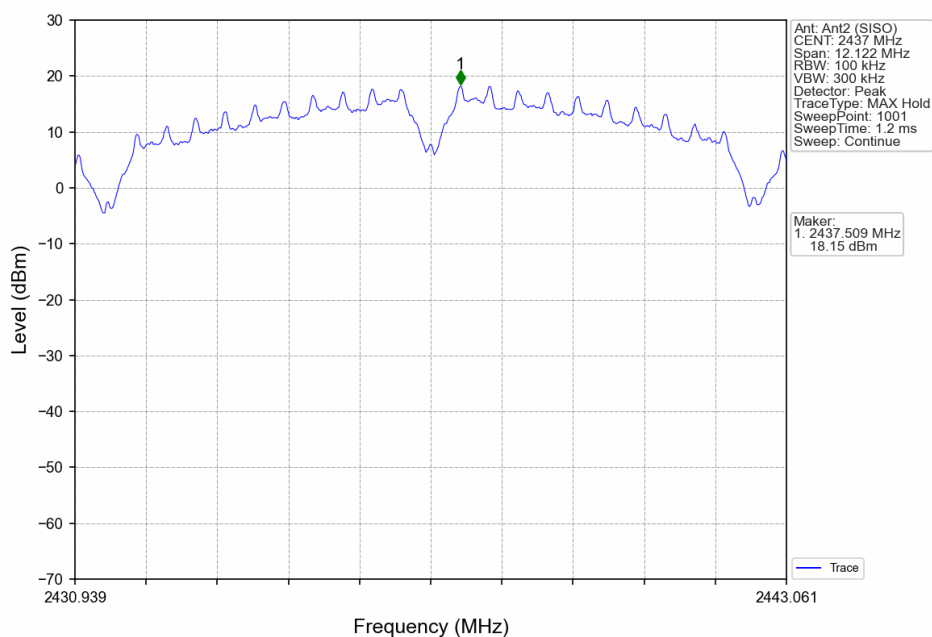
802.11b\_LCH\_2412MHz\_Ant4 (SISO)\_NTNV



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

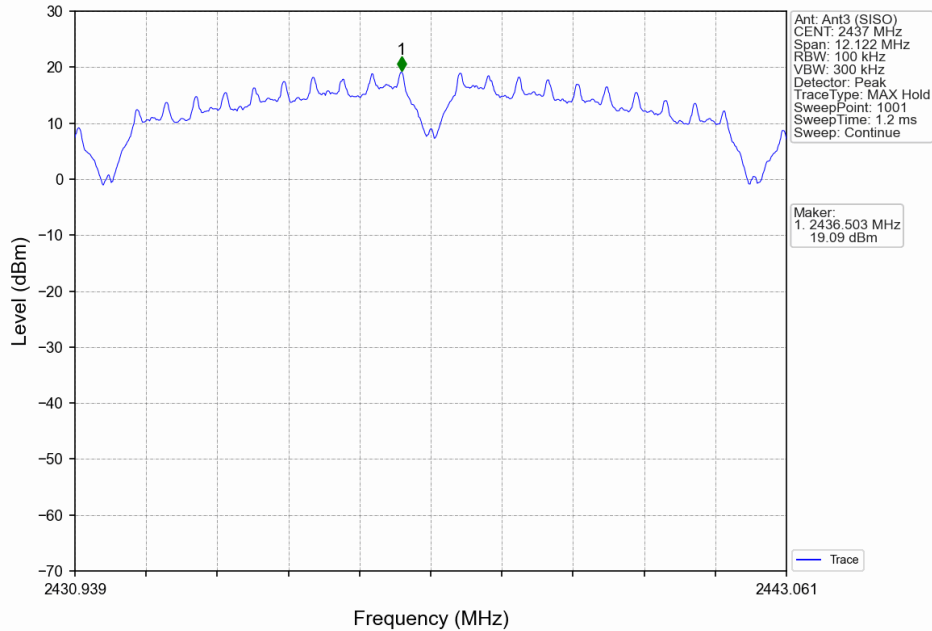


802.11b\_MCH\_2437MHz\_Ant2 (SISO)\_NTNV

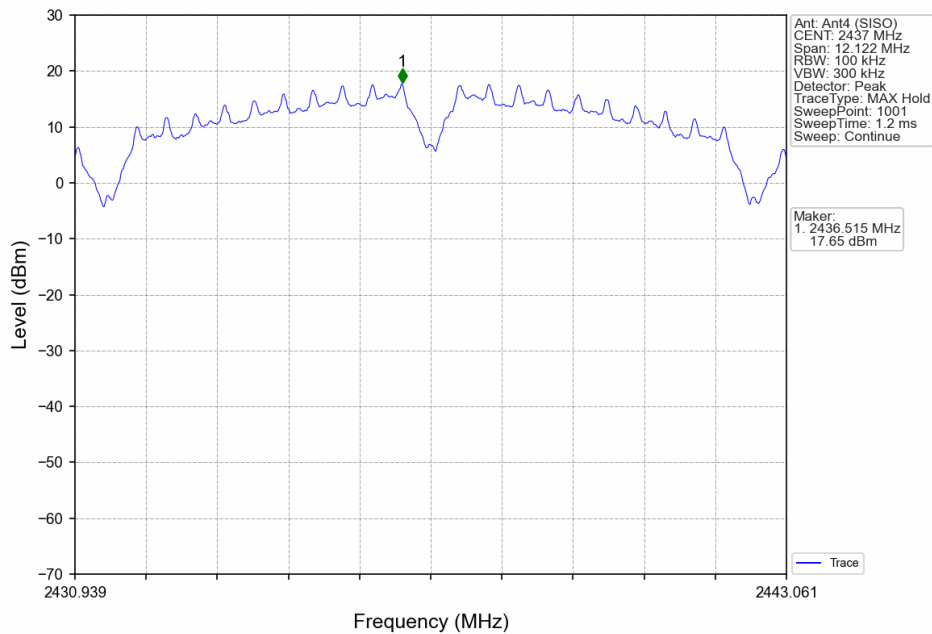




802.11b\_MCH\_2437MHz\_Ant3 (SISO)\_NTNV



802.11b\_MCH\_2437MHz\_Ant4 (SISO)\_NTNV



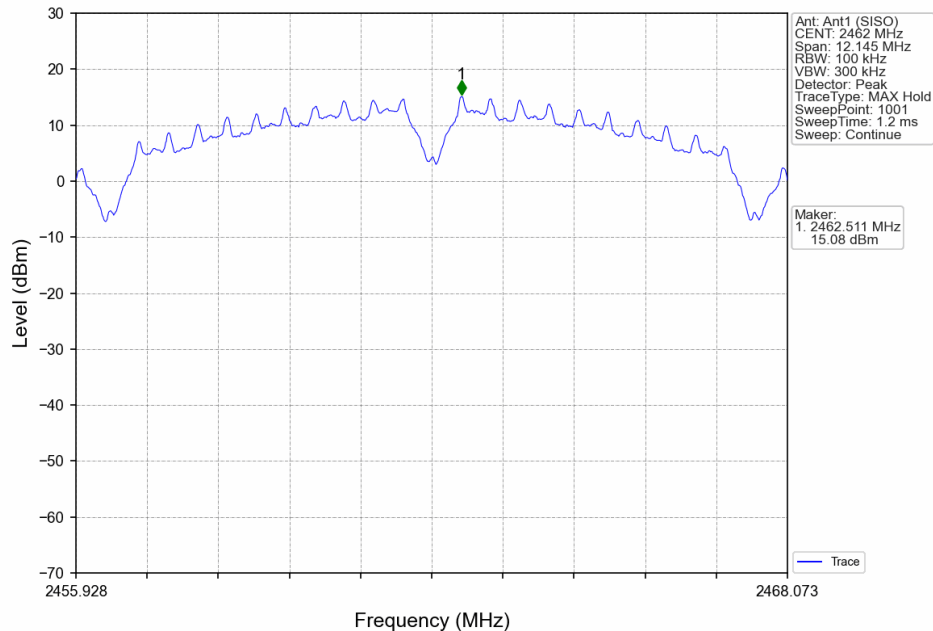
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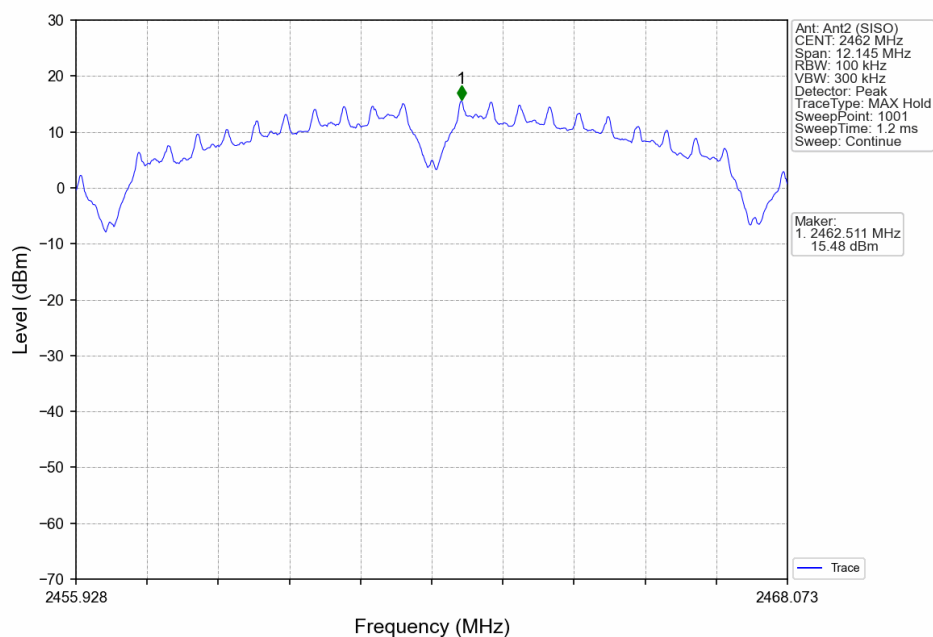
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802.11b\_HCH\_2462MHz\_Ant1 (SISO)\_NTNV



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



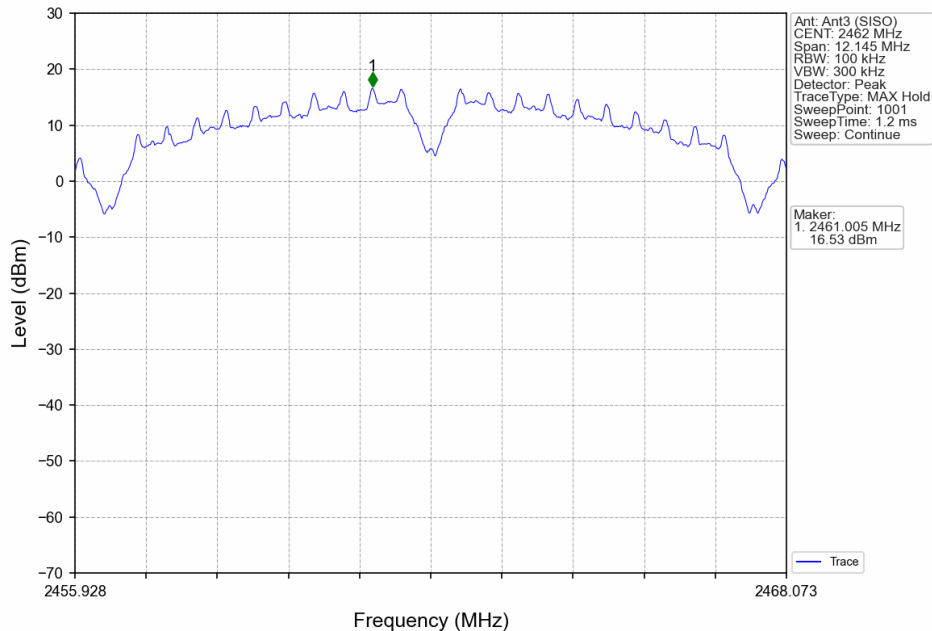
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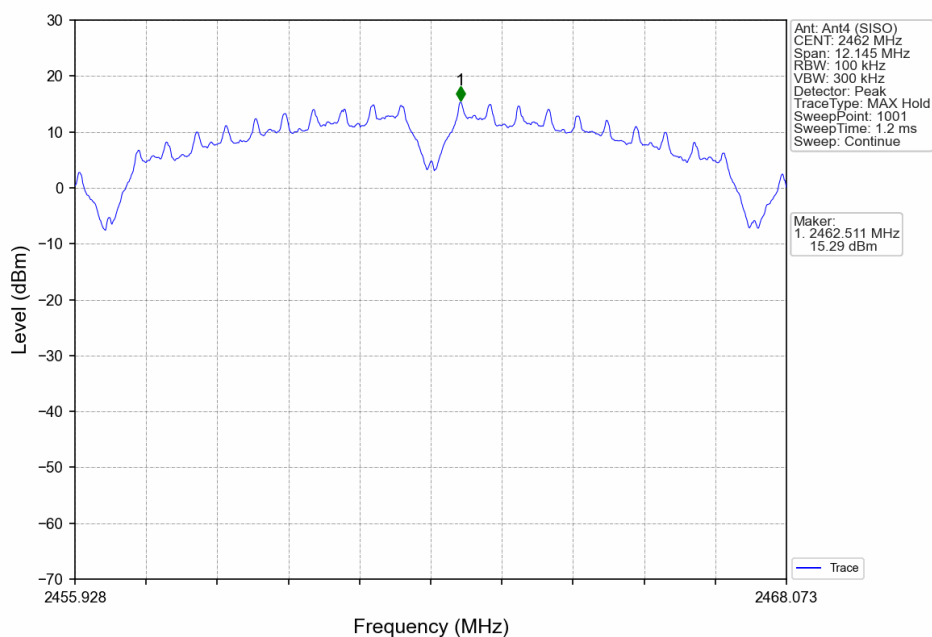
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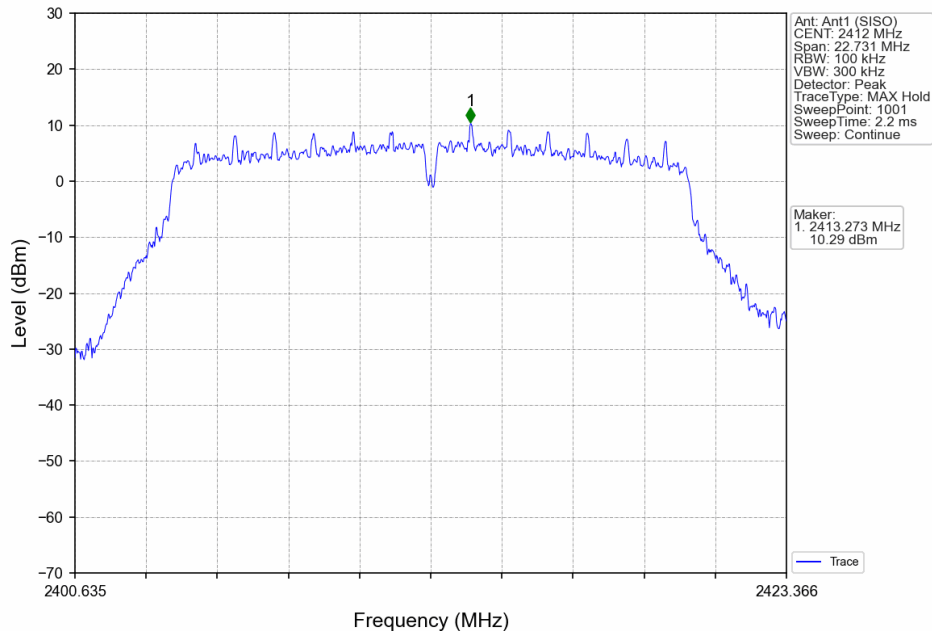
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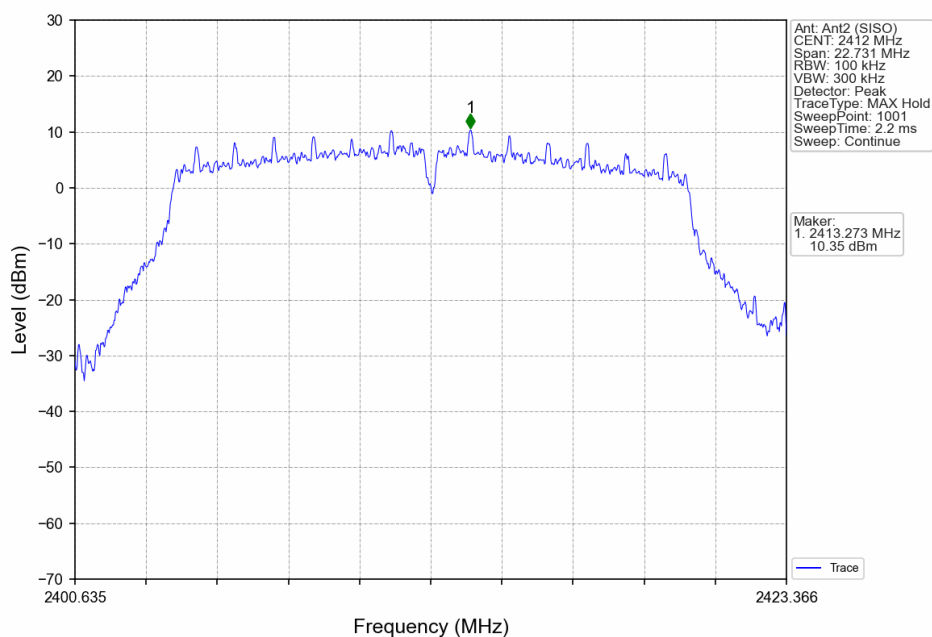
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802.11g\_LCH\_2412MHz\_Ant1 (SISO)\_NTNV

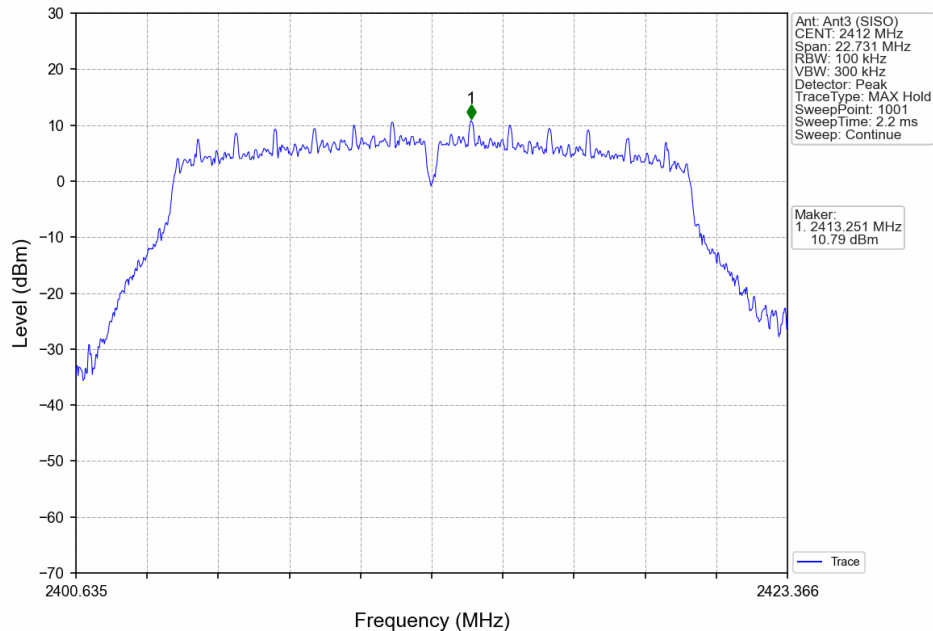


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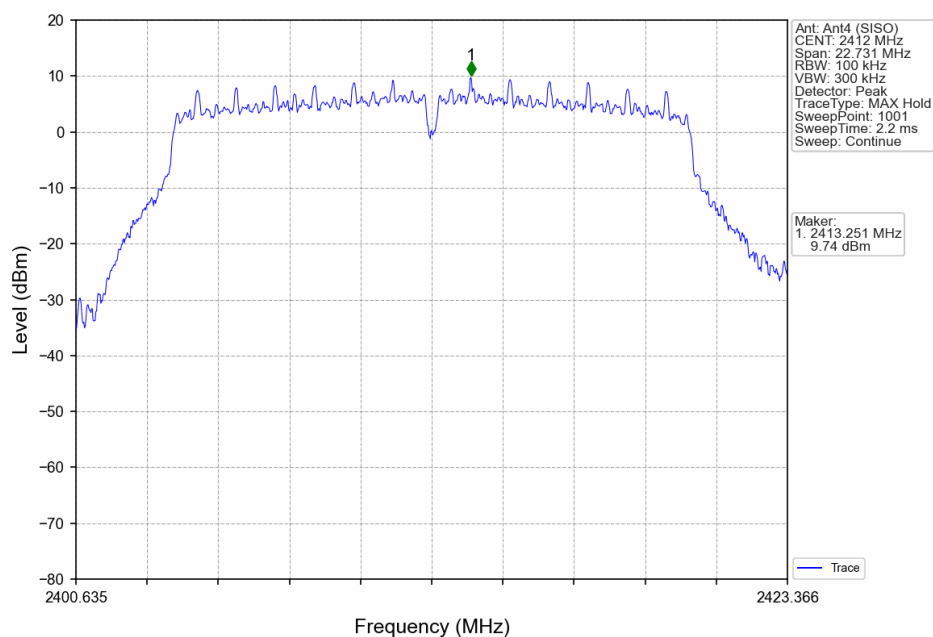




802.11g\_LCH\_2412MHz\_Ant3 (SISO)\_NTNV



802.11g\_LCH\_2412MHz\_Ant4 (SISO)\_NTNV



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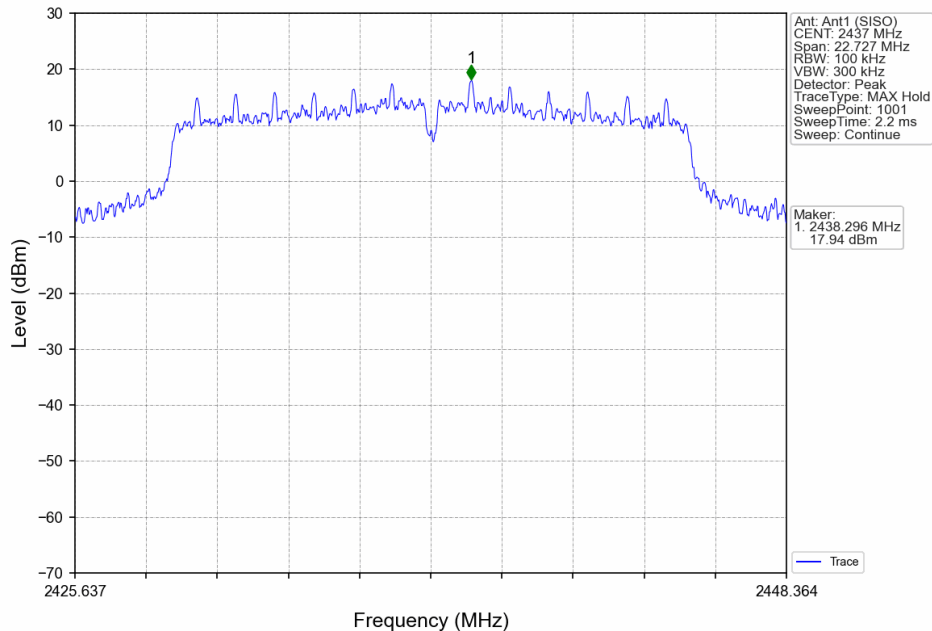
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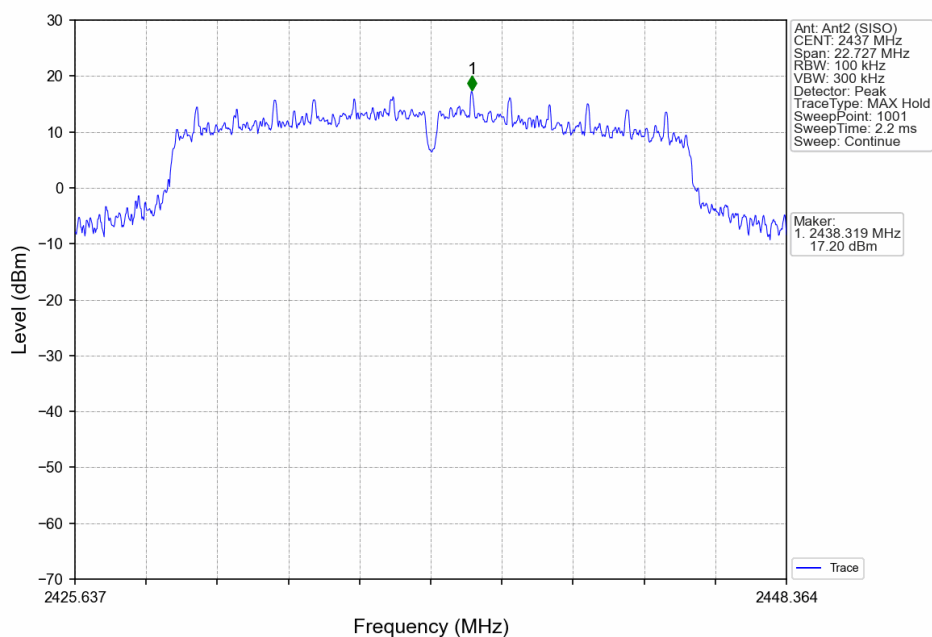
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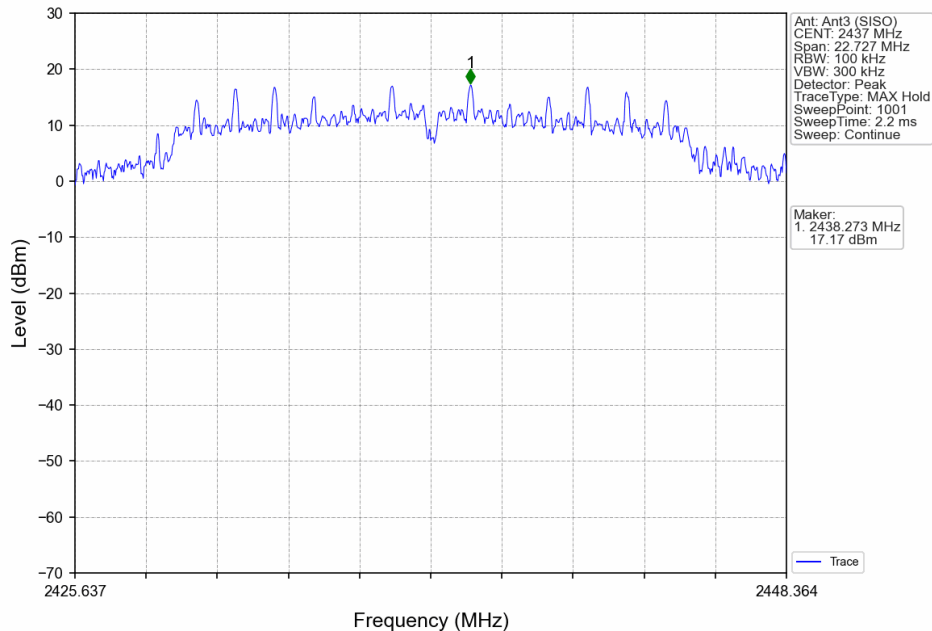
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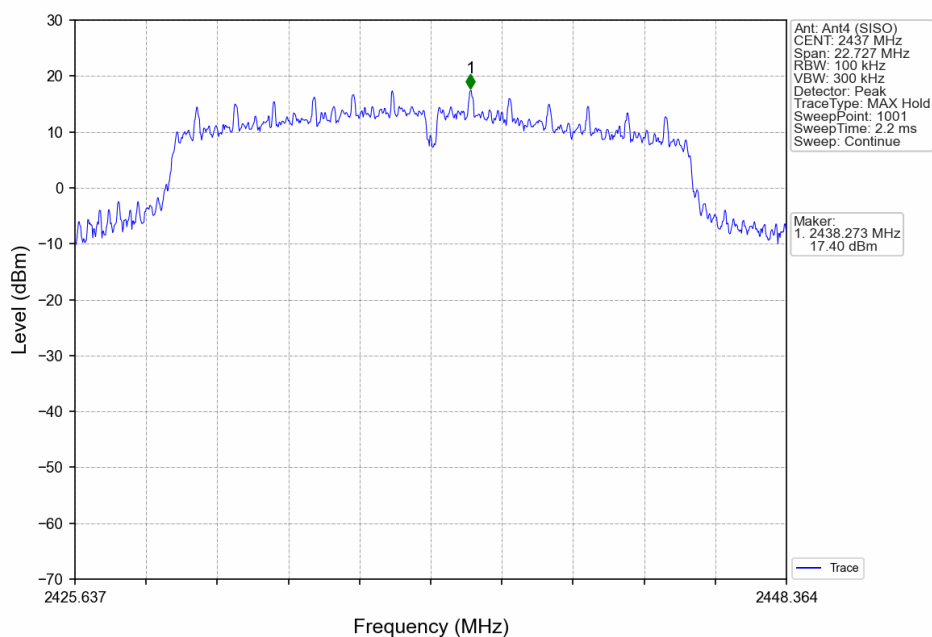
802.11g\_MCH\_2437MHz\_Ant2 (SISO)\_NTNV



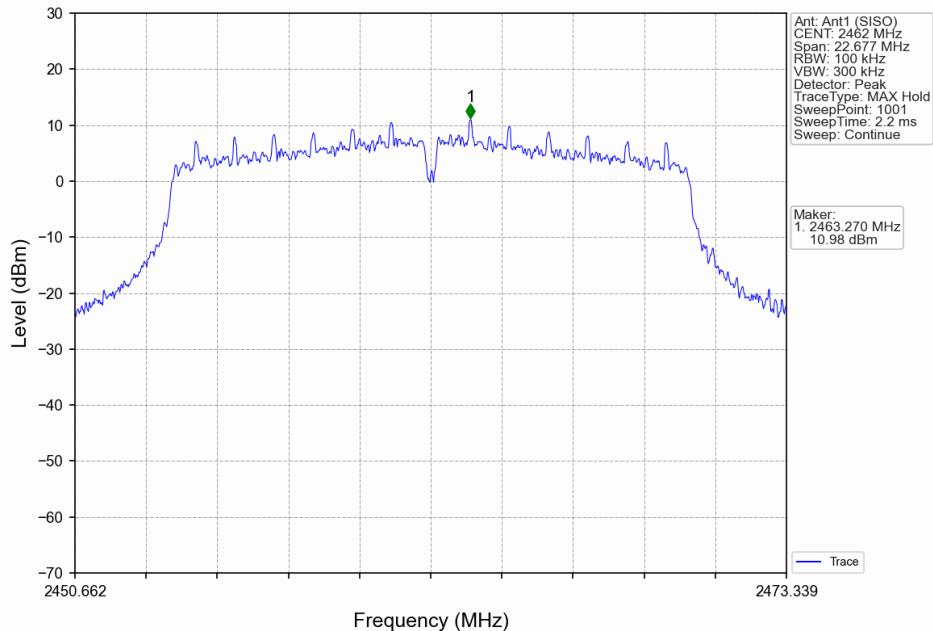
802.11g\_MCH\_2437MHz\_Ant3 (SISO)\_NTNV



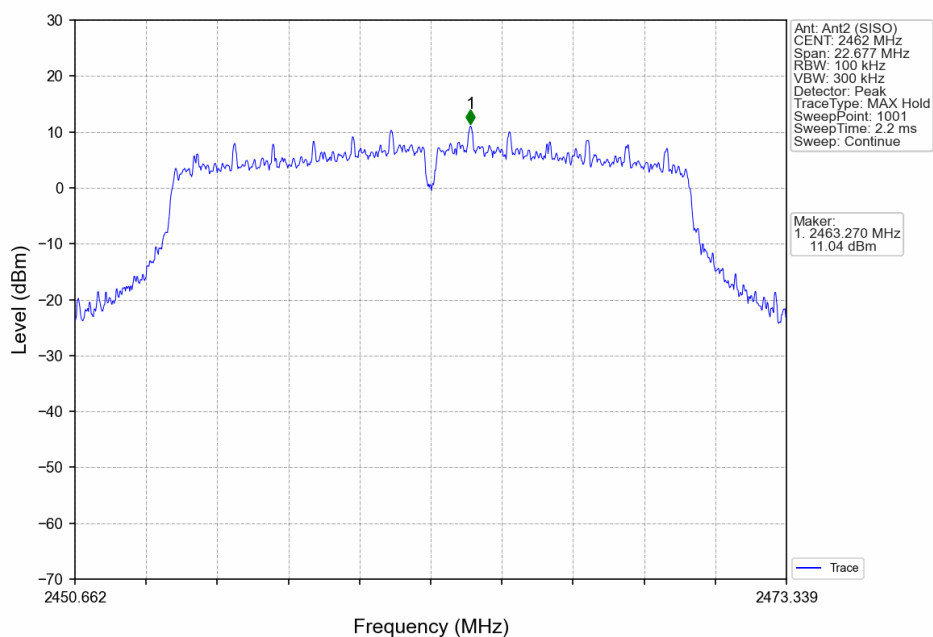
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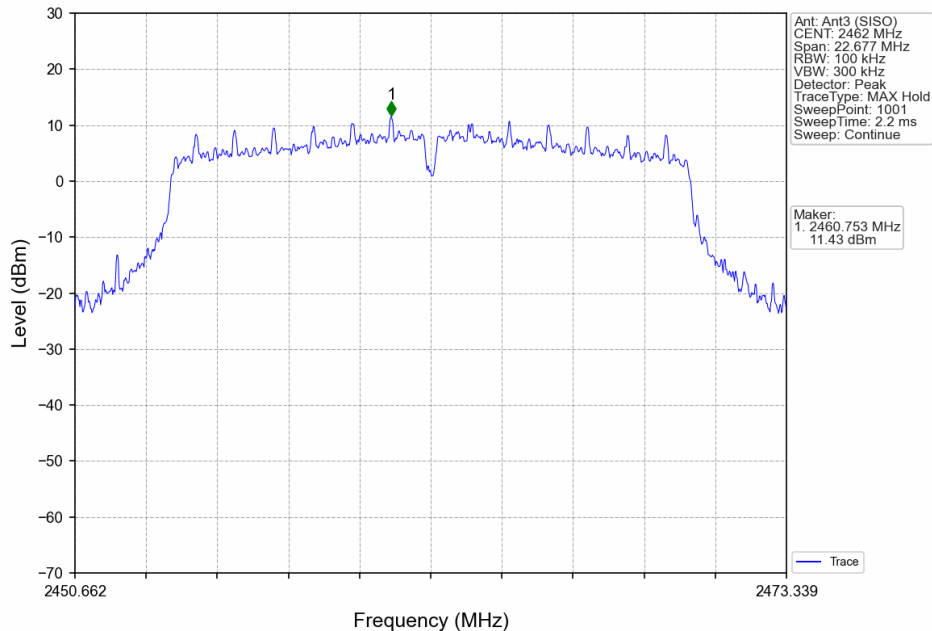
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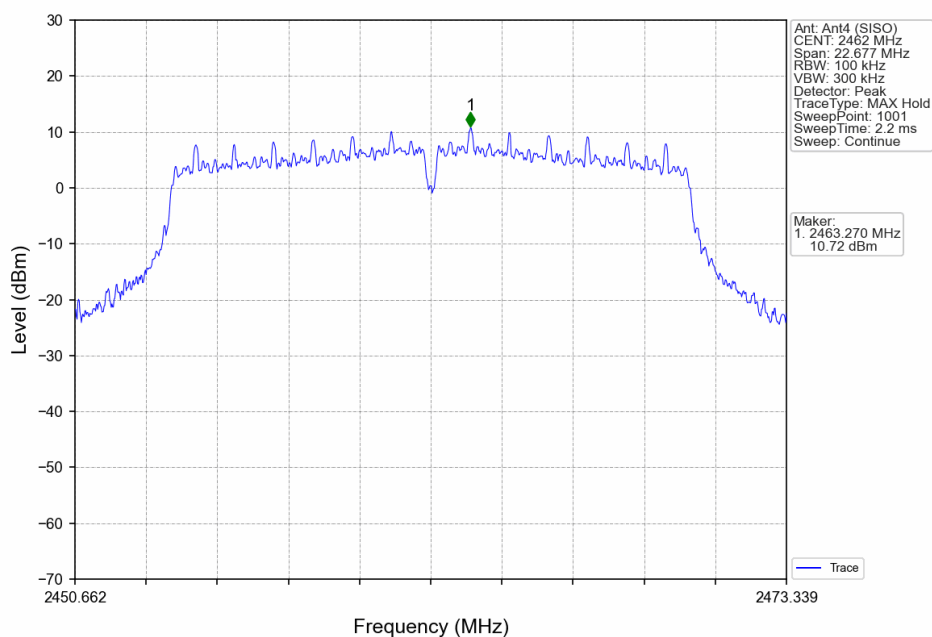
### 802.11g\_HCH\_2462MHz\_Ant2 (SISO)\_NTNV



### 802.11g\_HCH\_2462MHz\_Ant3 (SISO)\_NTNV



### 802.11g\_HCH\_2462MHz\_Ant4 (SISO)\_NTNV



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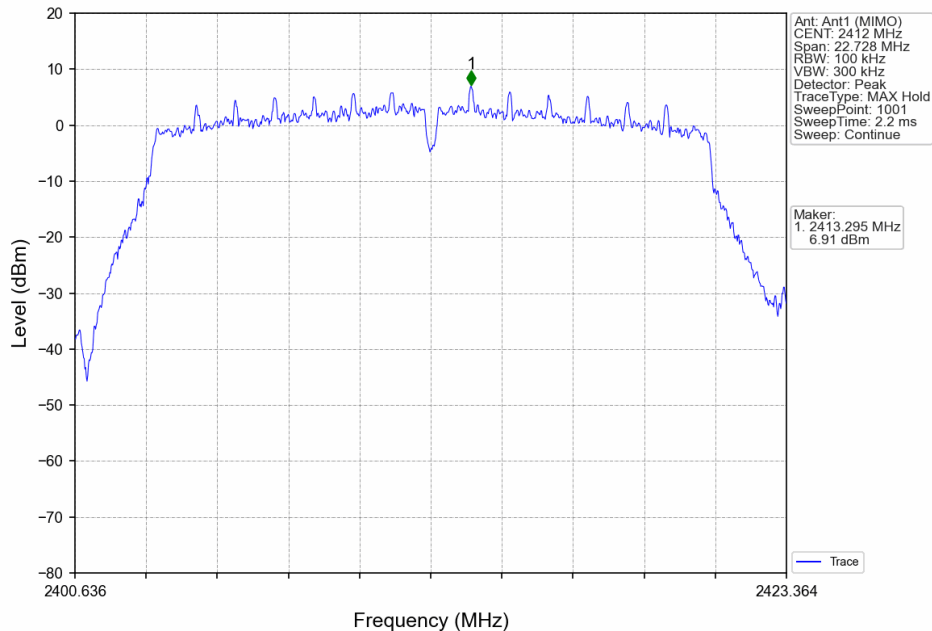
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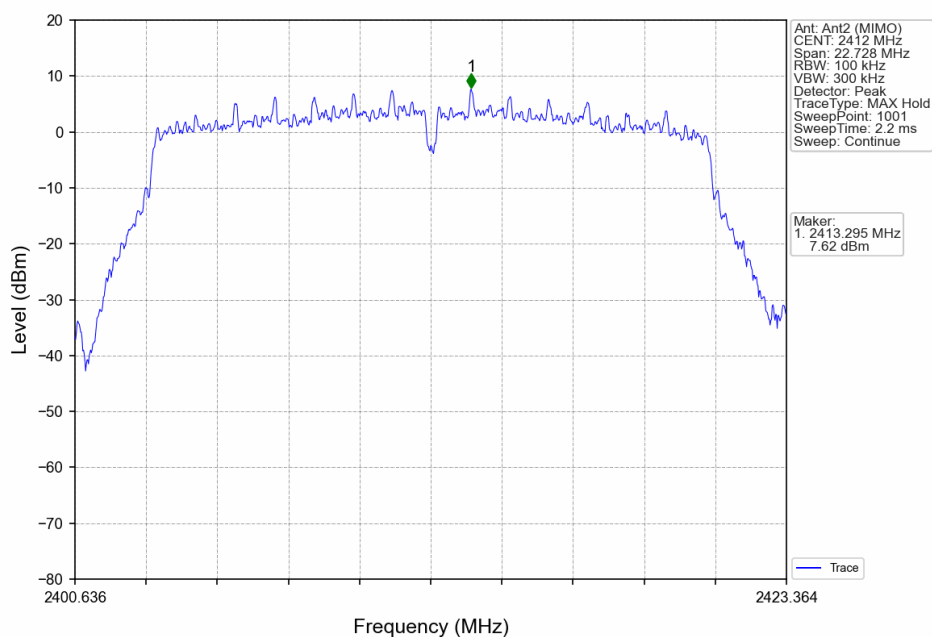
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802.11n(HT20)\_LCH\_2412MHz\_Ant1 (MIMO)\_NTNV



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



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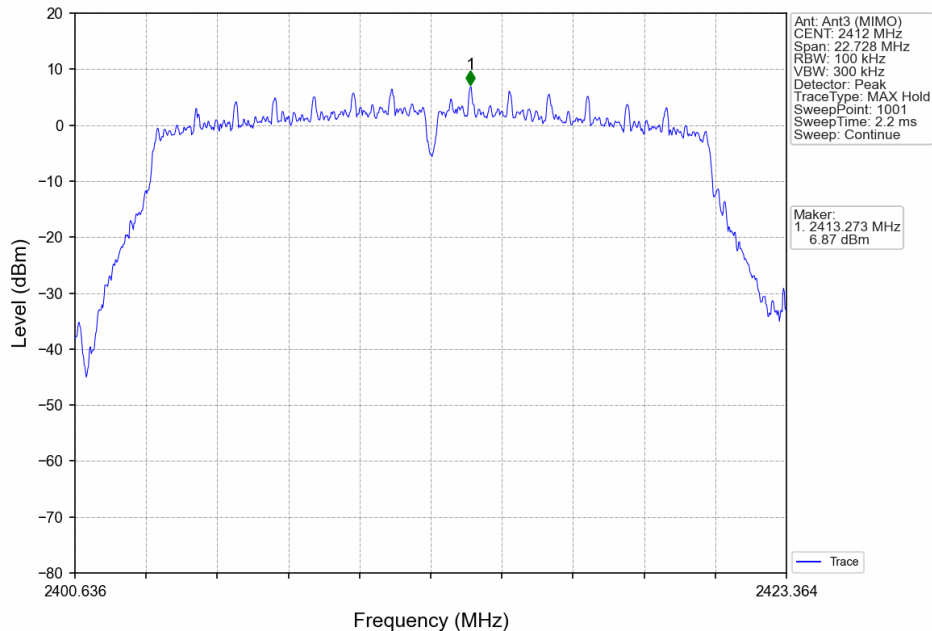
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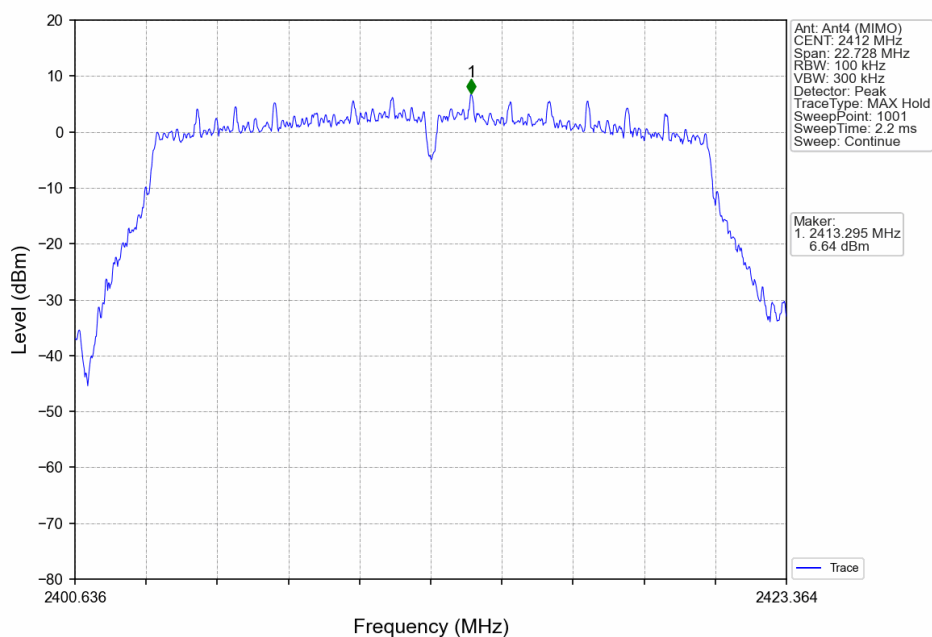
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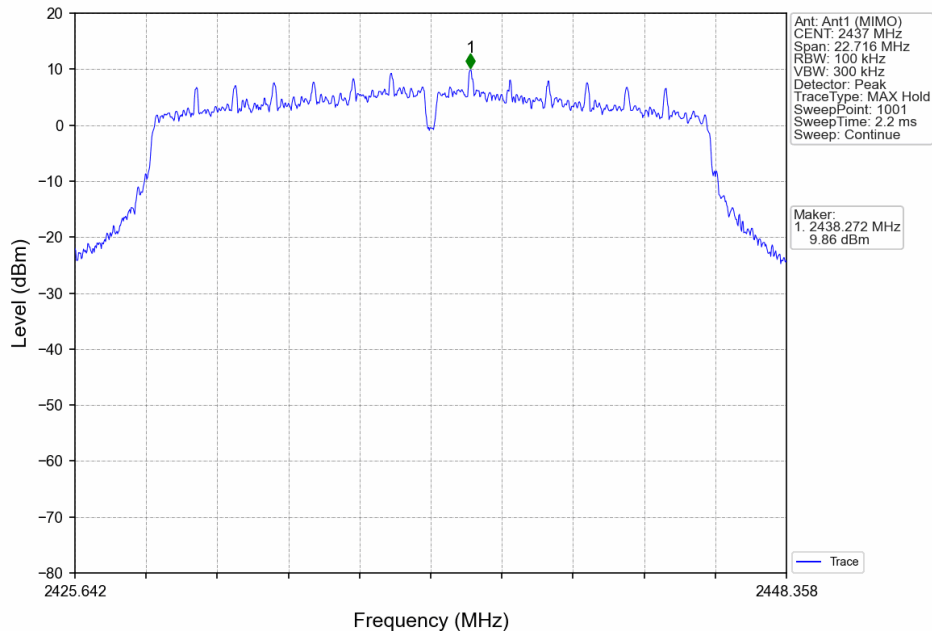
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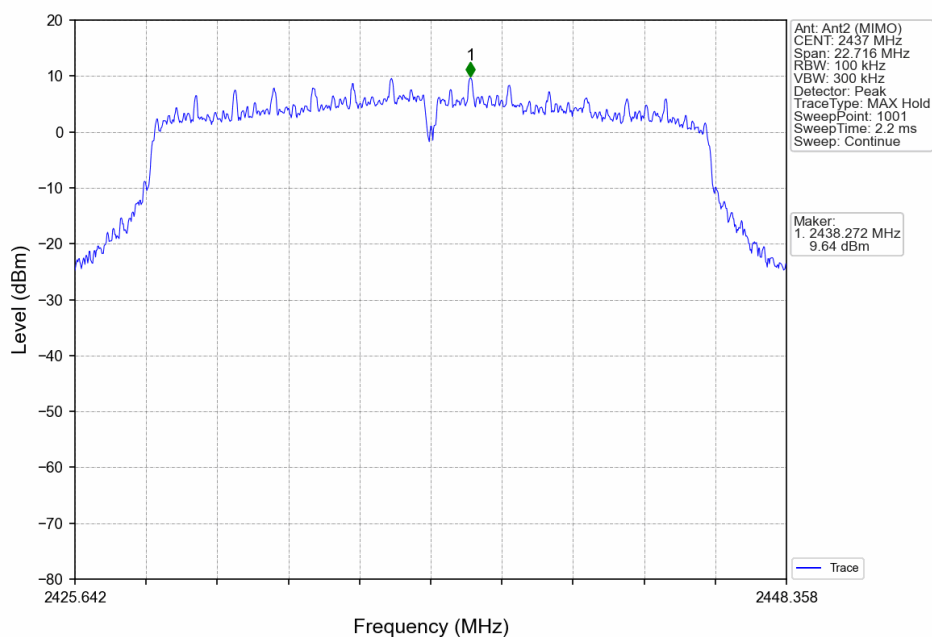
802.11n(HT20)\_LCH\_2412MHz\_Ant4 (MIMO)\_NTNV



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



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



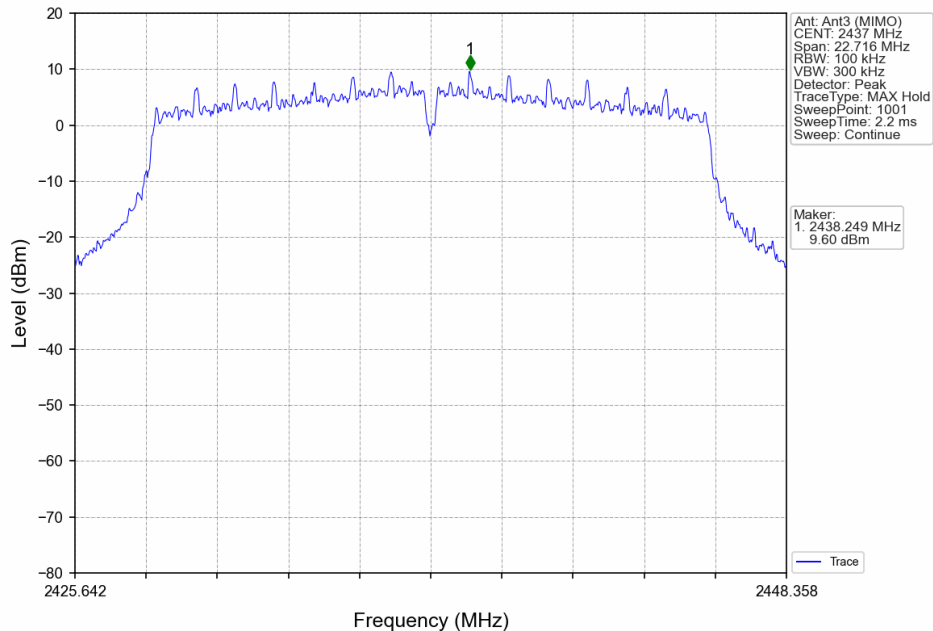
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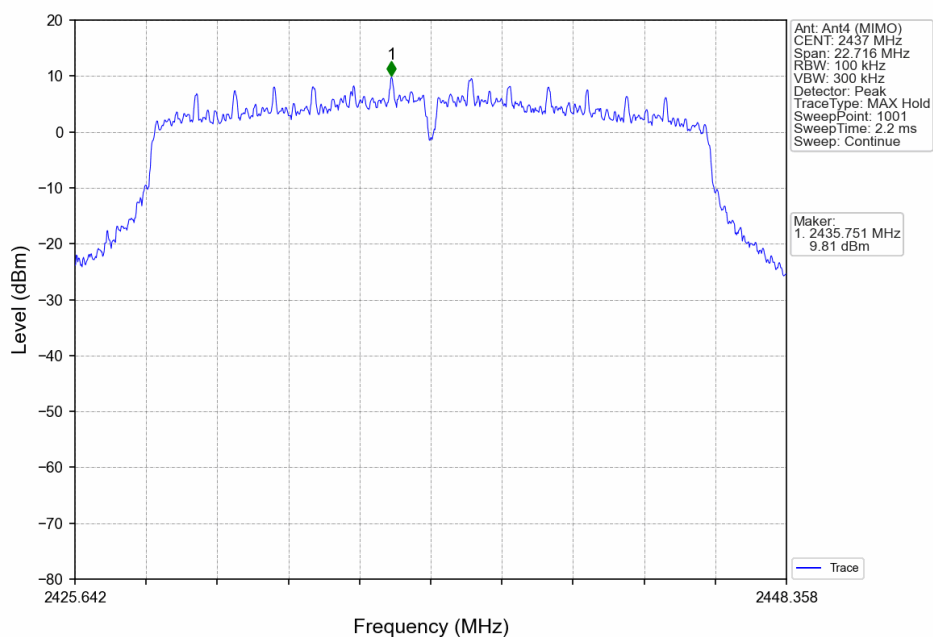
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802.11n(HT20)\_MCH\_2437MHz\_Ant3 (MIMO)\_NTNV



802.11n(HT20)\_MCH\_2437MHz\_Ant4 (MIMO)\_NTNV



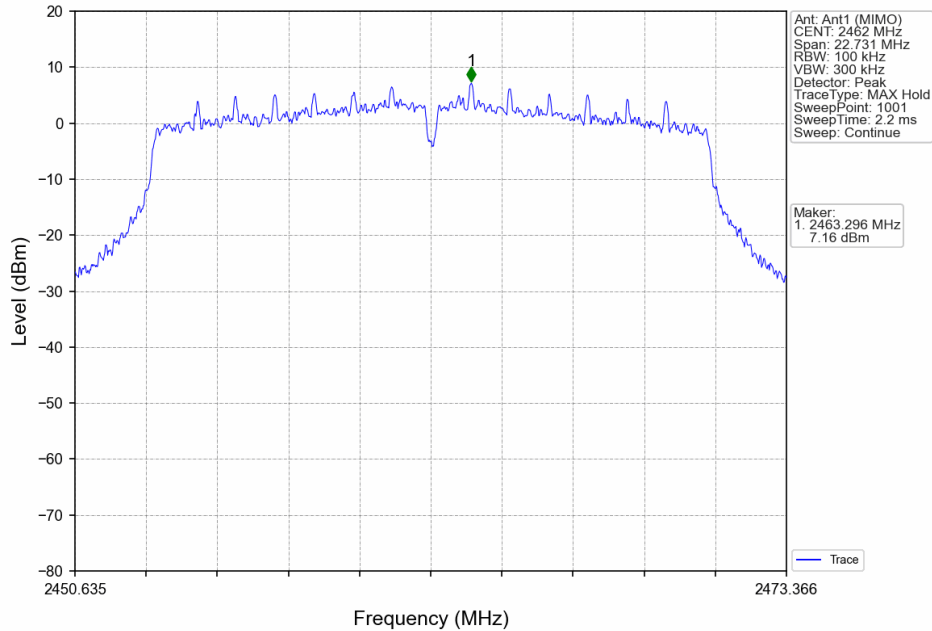
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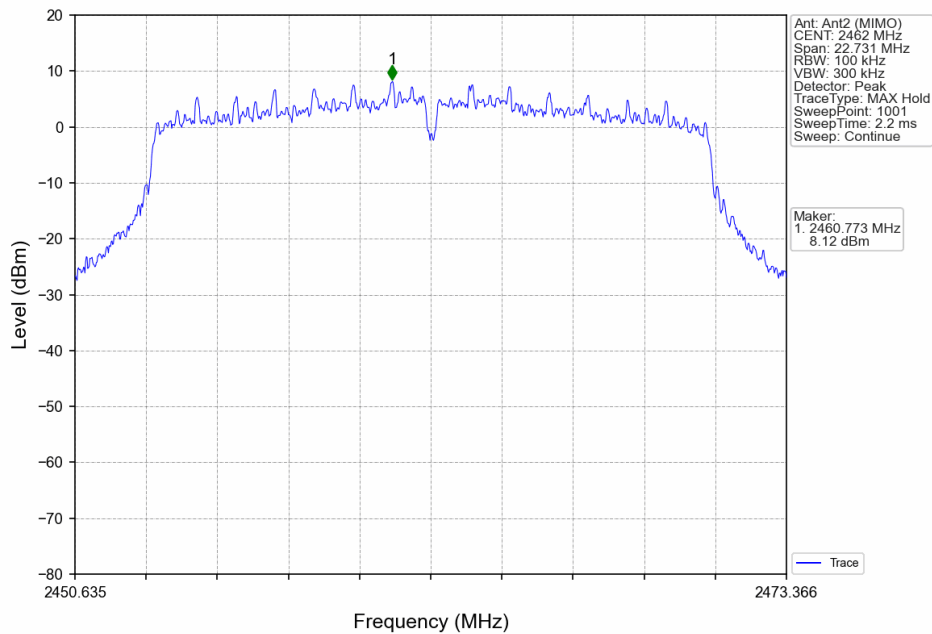
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802.11n(HT20)\_HCH\_2462MHz\_Ant1 (MIMO)\_NTNV



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

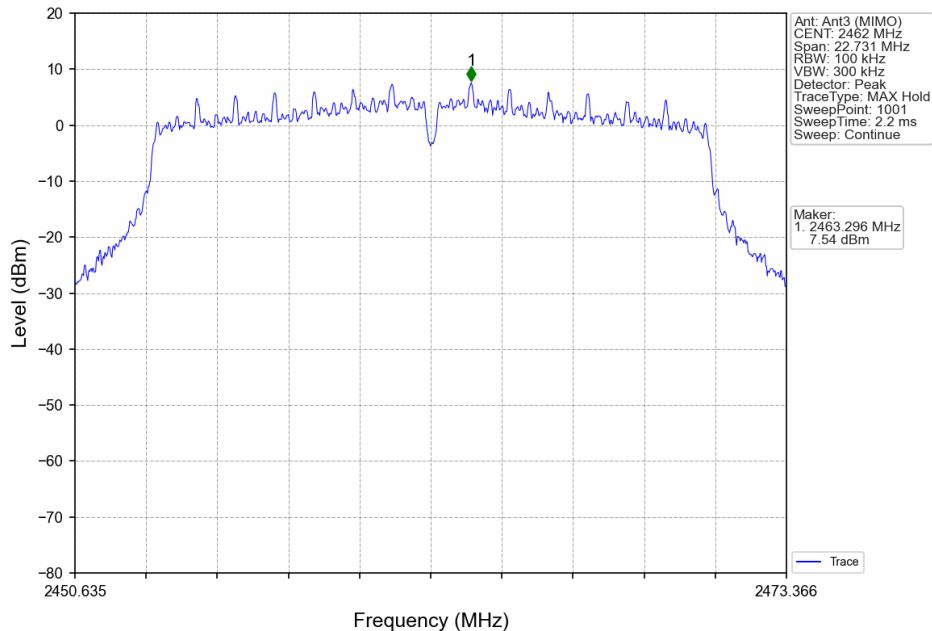


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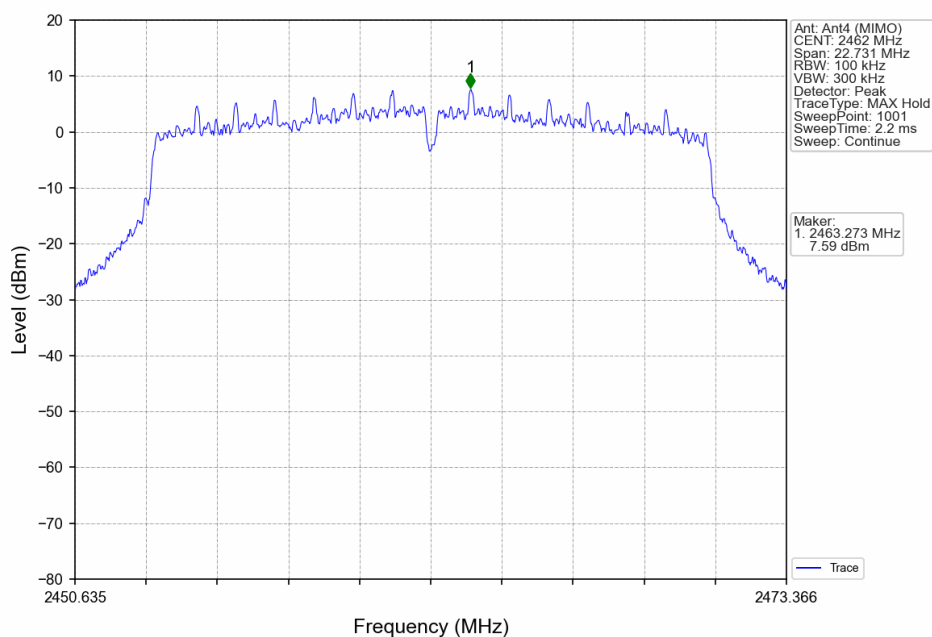
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### 802.11n(HT20)\_HCH\_2462MHz\_Ant3 (MIMO)\_NTNV



### 802.11n(HT20)\_HCH\_2462MHz\_Ant4 (MIMO)\_NTNV



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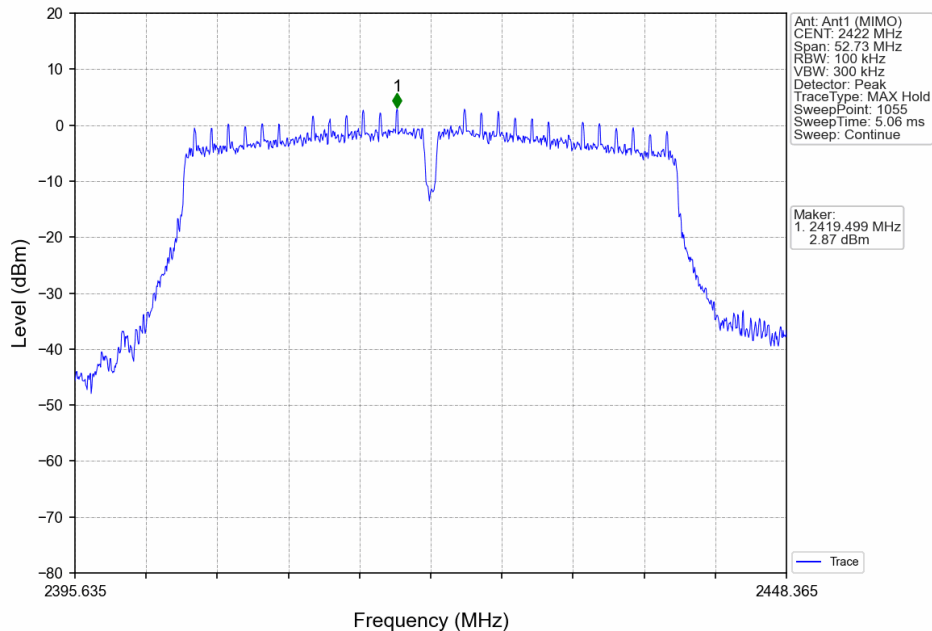
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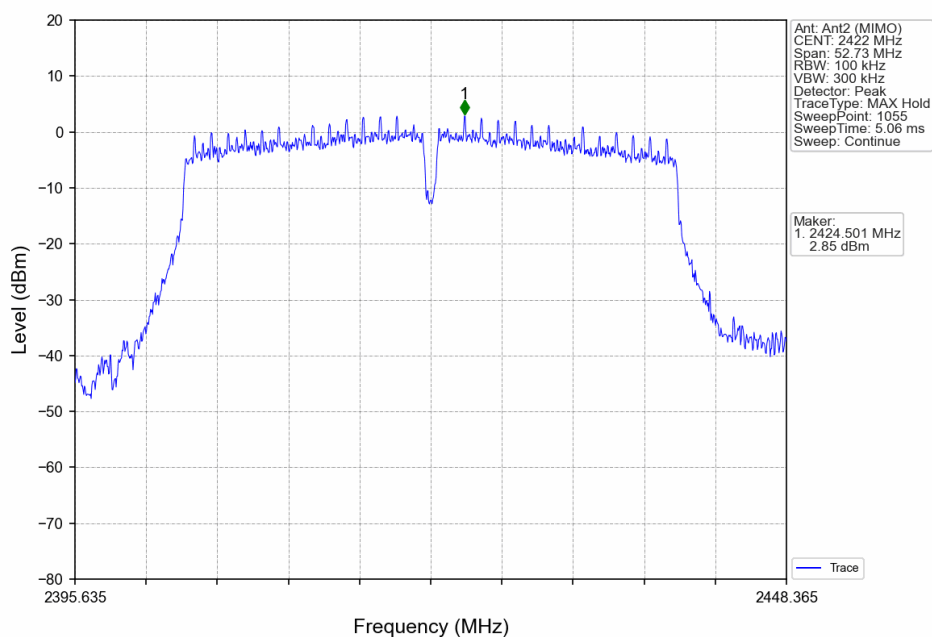
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### 802.11n(HT40)\_LCH\_2422MHz\_Ant1 (MIMO)\_NTNV



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



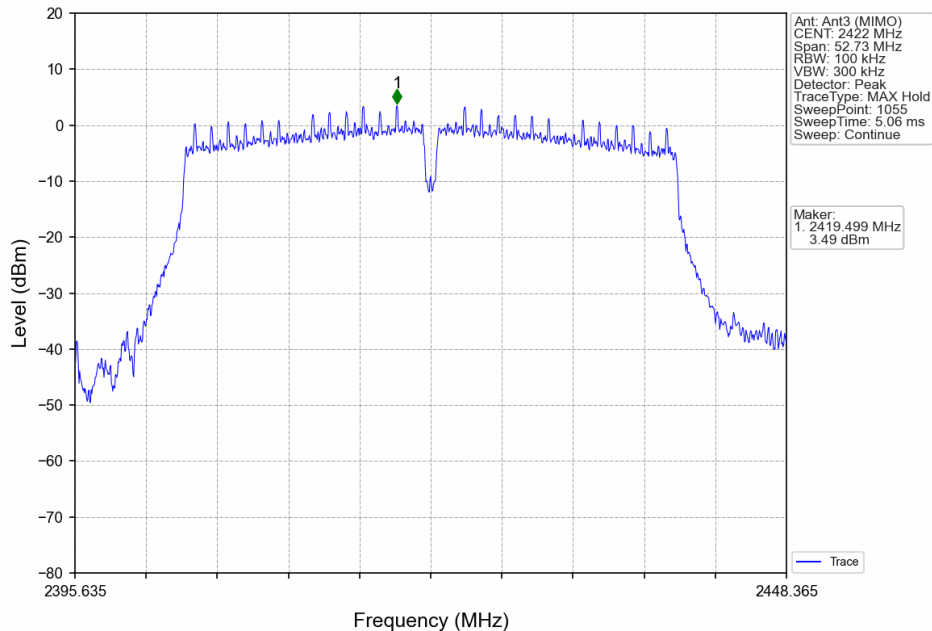
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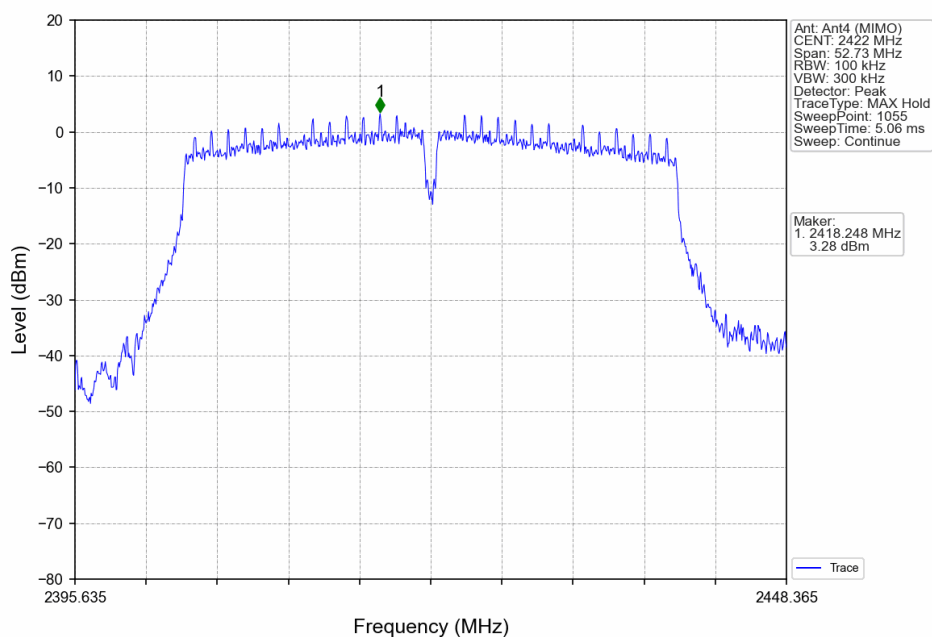
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802.11n(HT40)\_LCH\_2422MHz\_Ant3 (MIMO)\_NTNV



802.11n(HT40)\_LCH\_2422MHz\_Ant4 (MIMO)\_NTNV



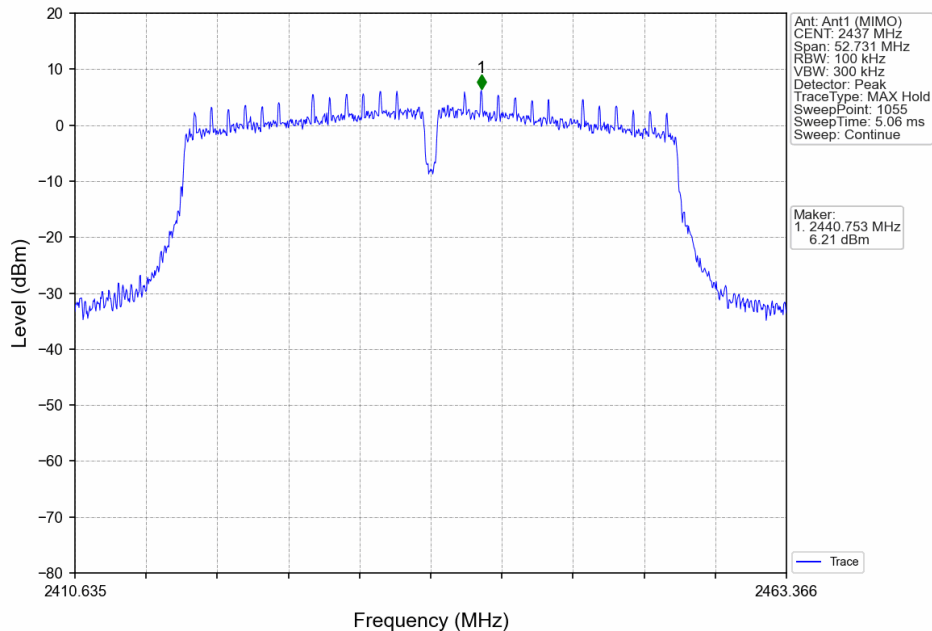
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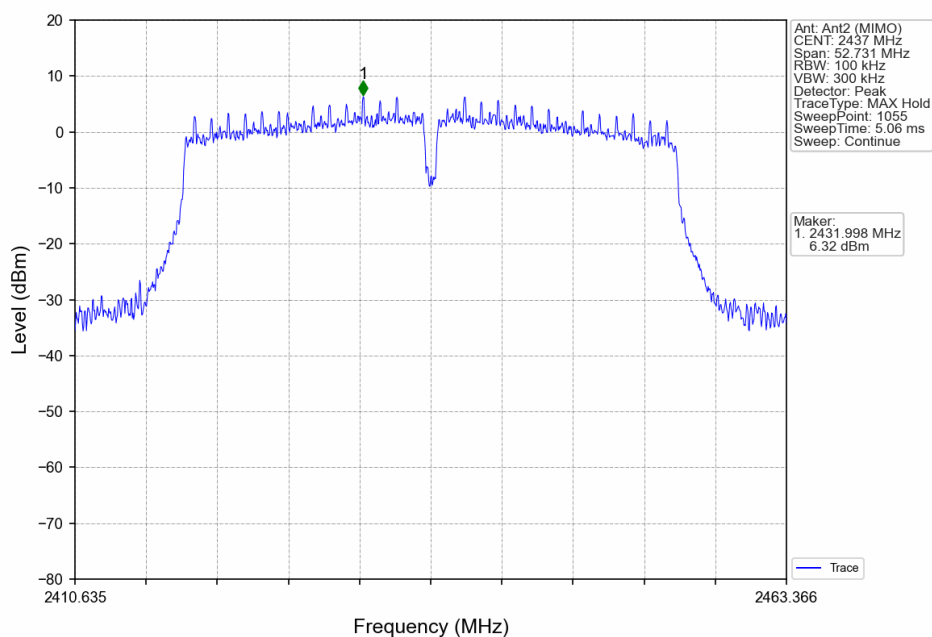
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### 802.11n(HT40)\_MCH\_2437MHz\_Ant1 (MIMO)\_NTNV



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



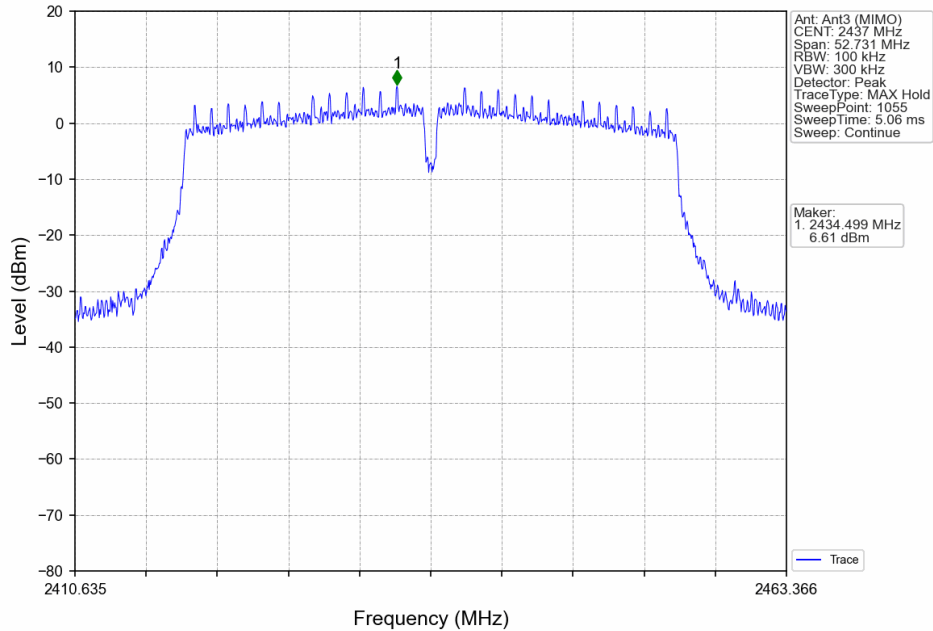
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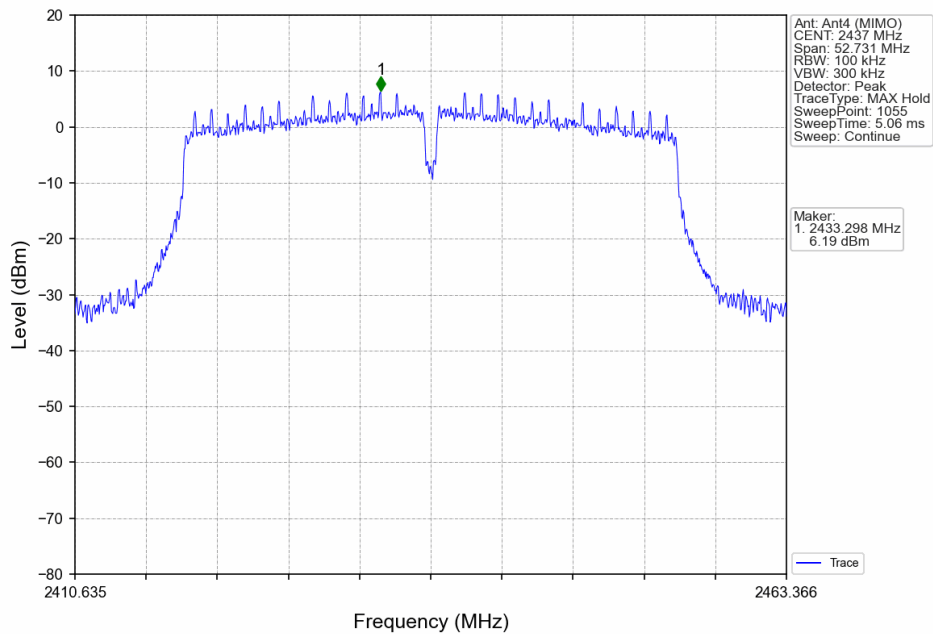
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802.11n(HT40)\_MCH\_2437MHz\_Ant3 (MIMO)\_NTNV

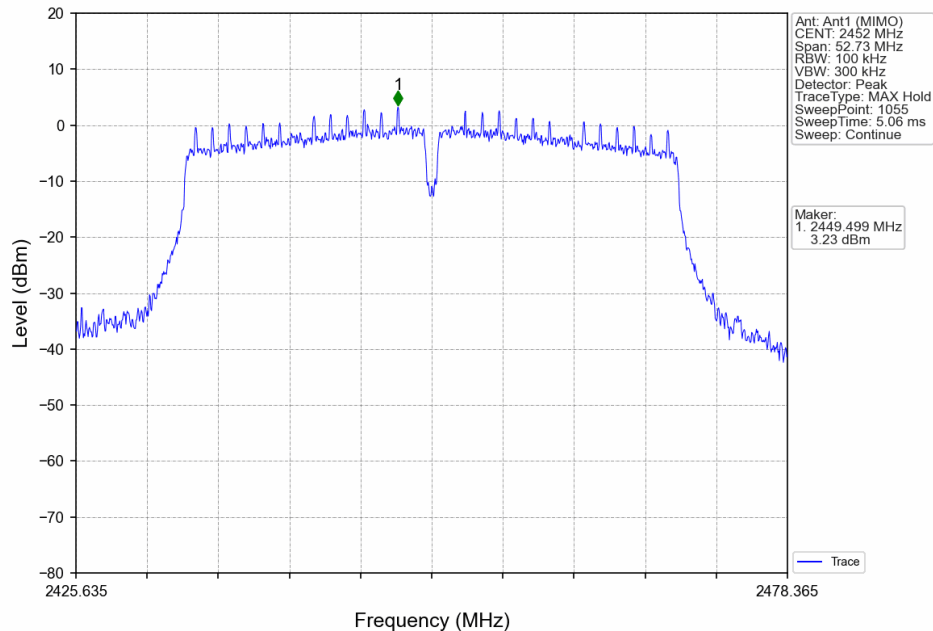


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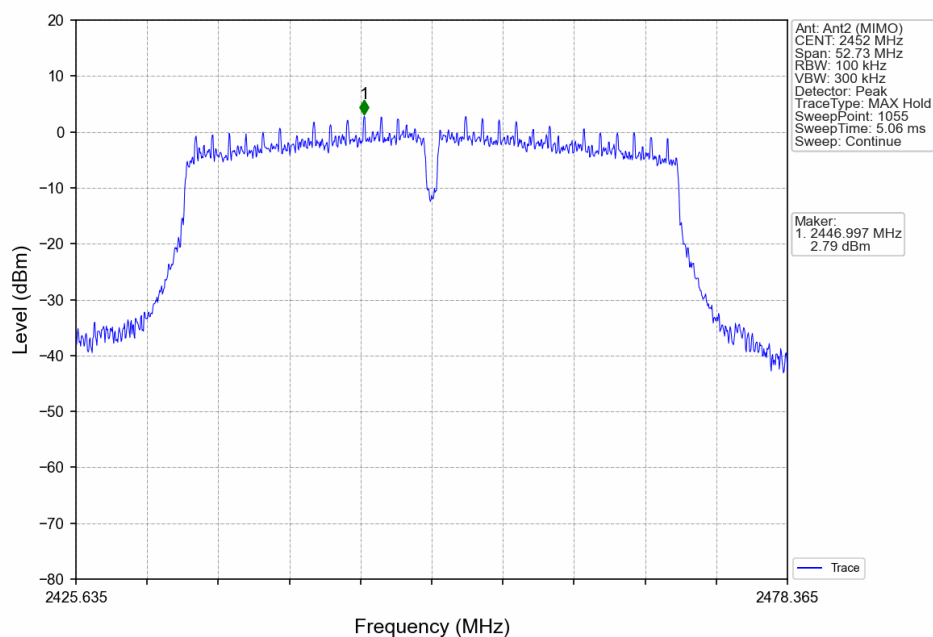




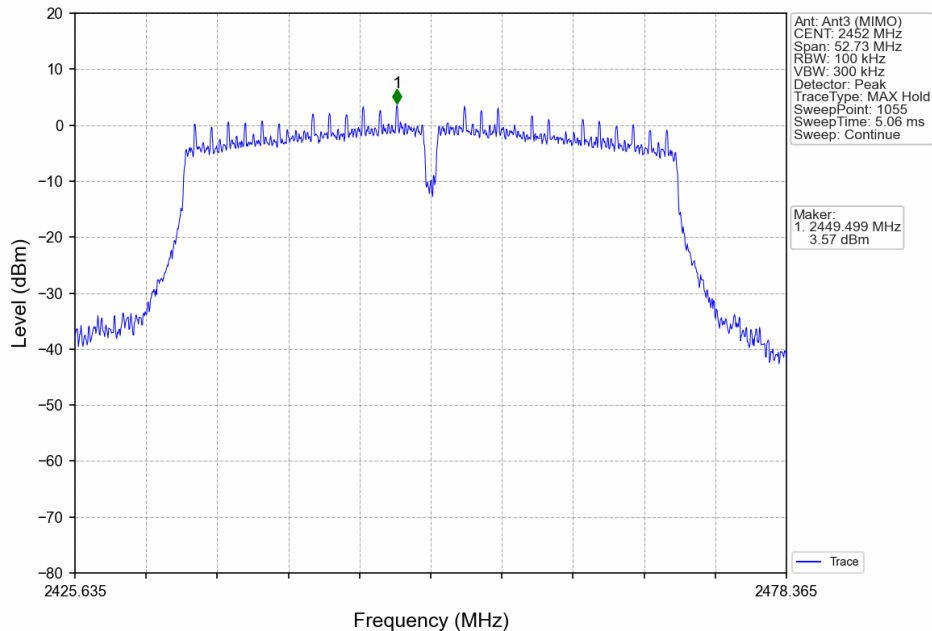
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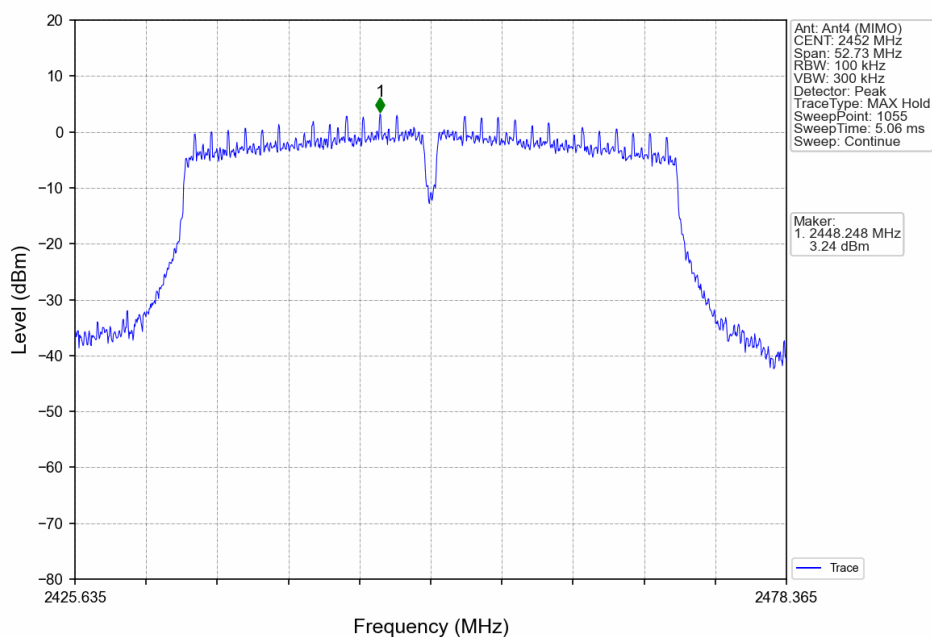
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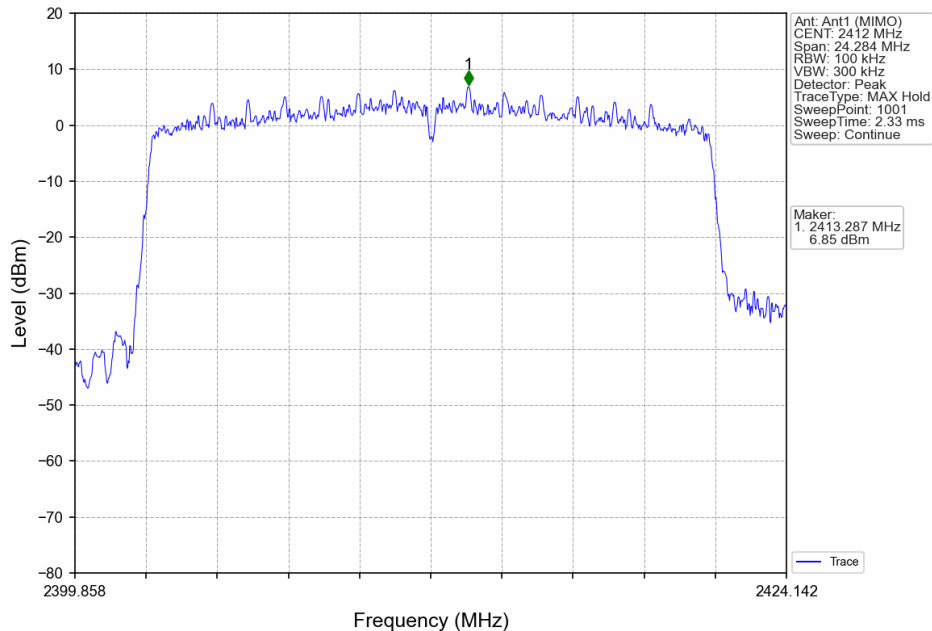
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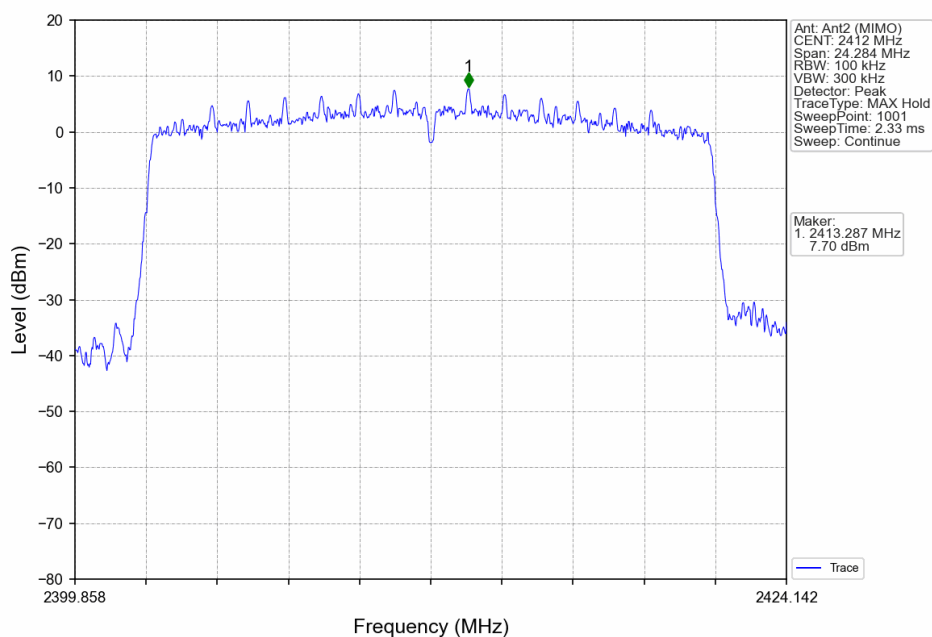
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802.11ax(HEW20)\_LCH\_2412MHz\_RU242\_Left\_Ant1 (MIMO)\_NTNV



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



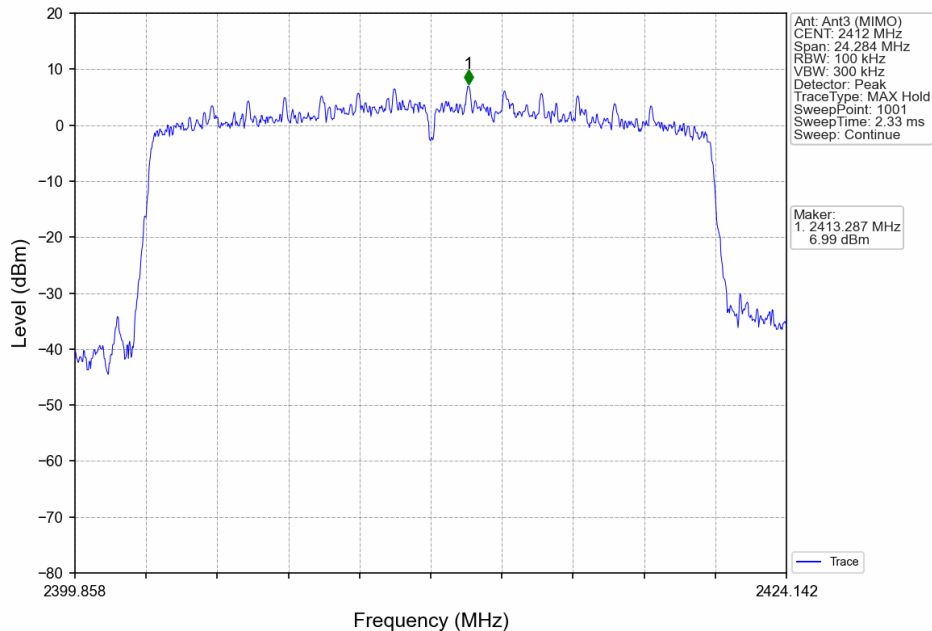
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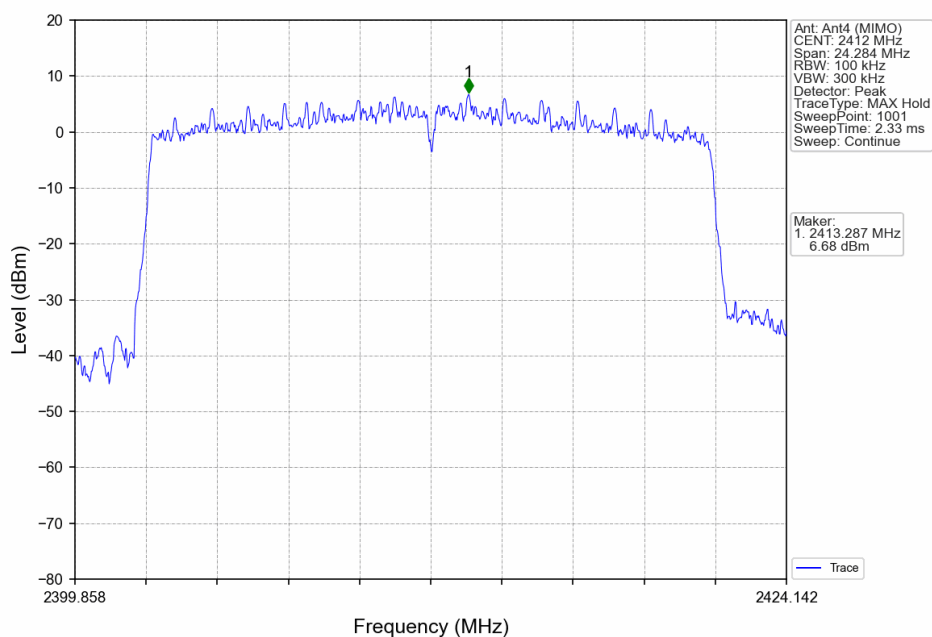
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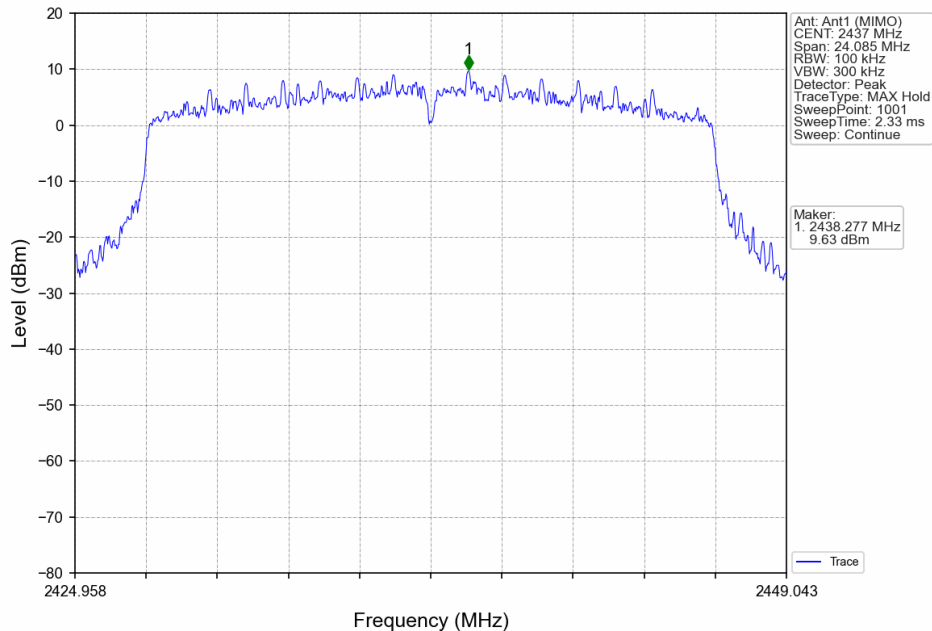


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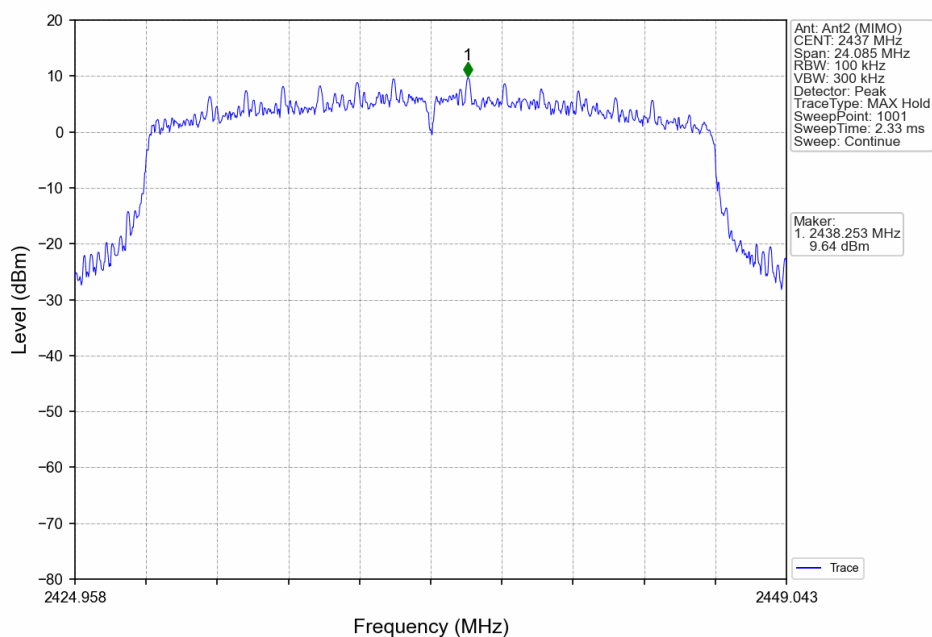




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802.11ax(HEW20)\_MCH\_2437MHz\_RU242\_Left\_Ant2 (MIMO)\_NTNV



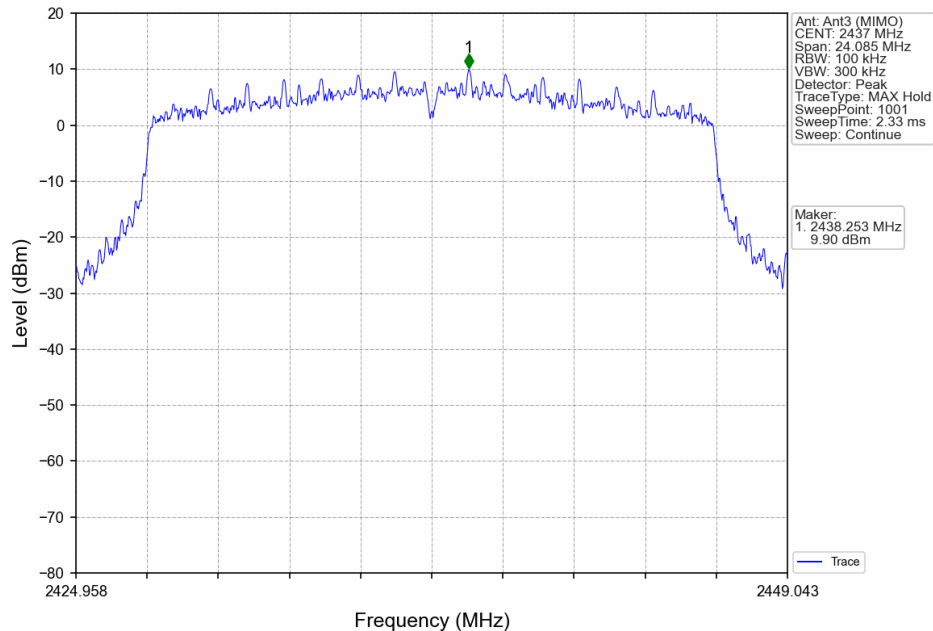
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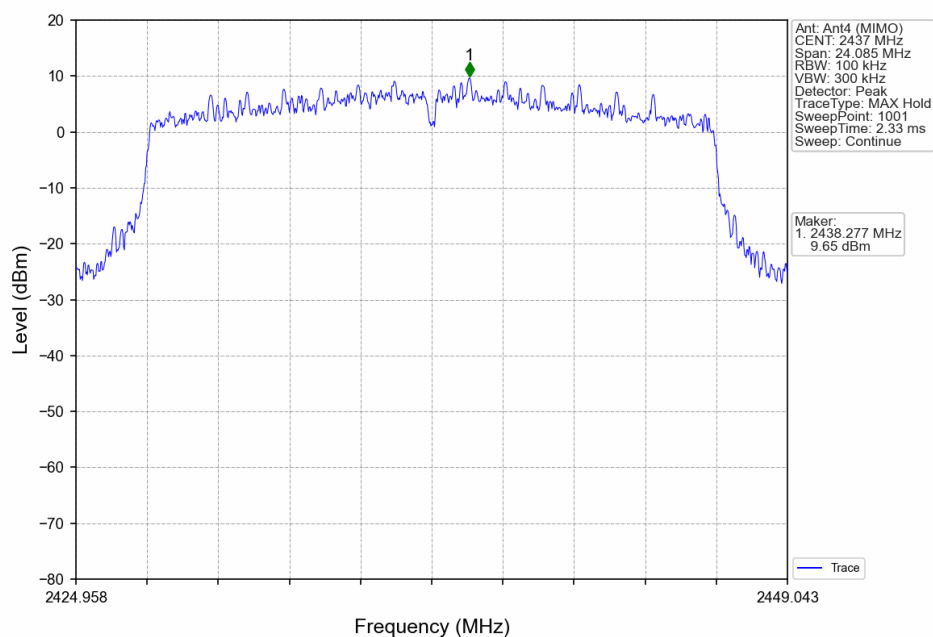
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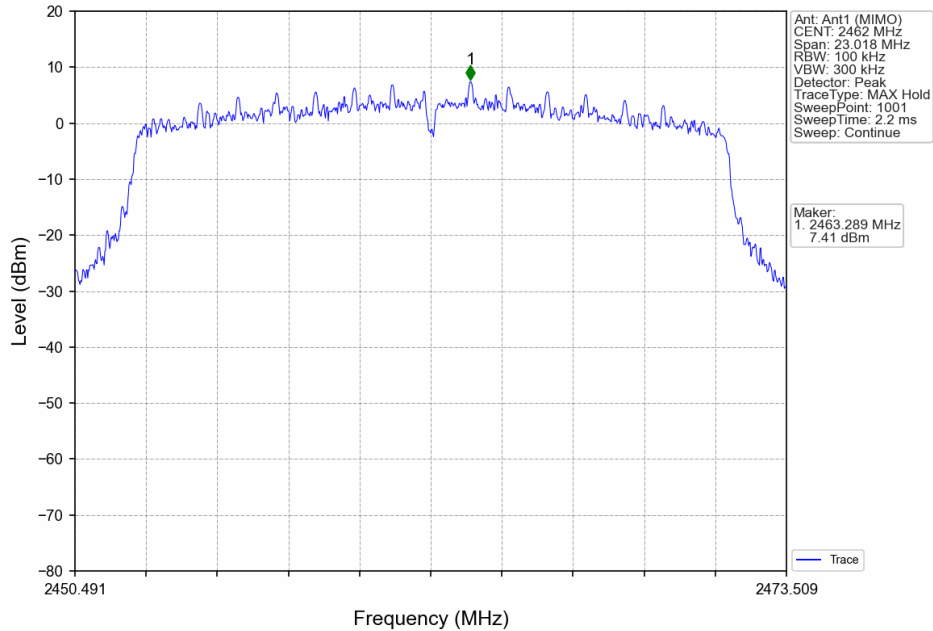
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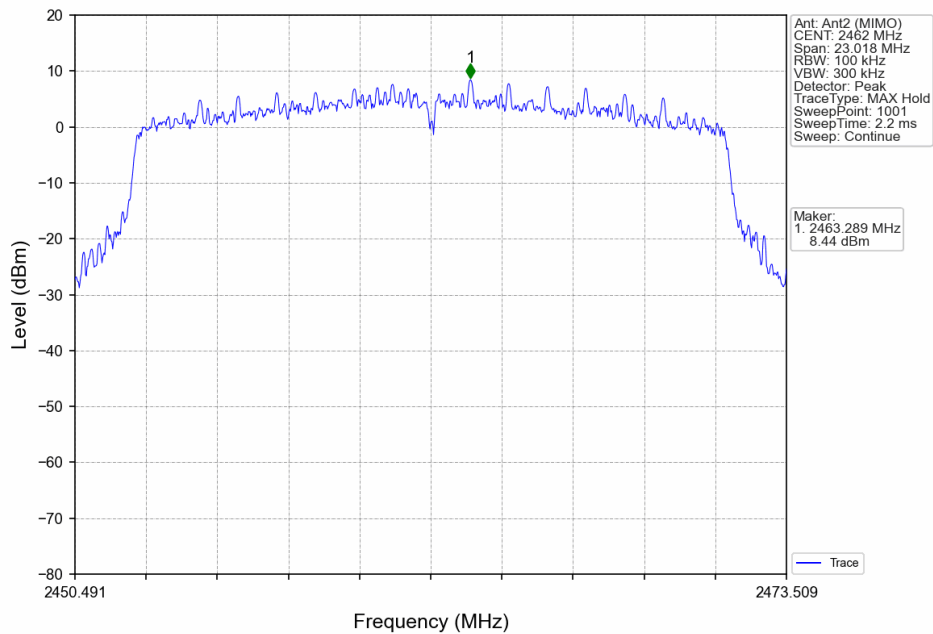
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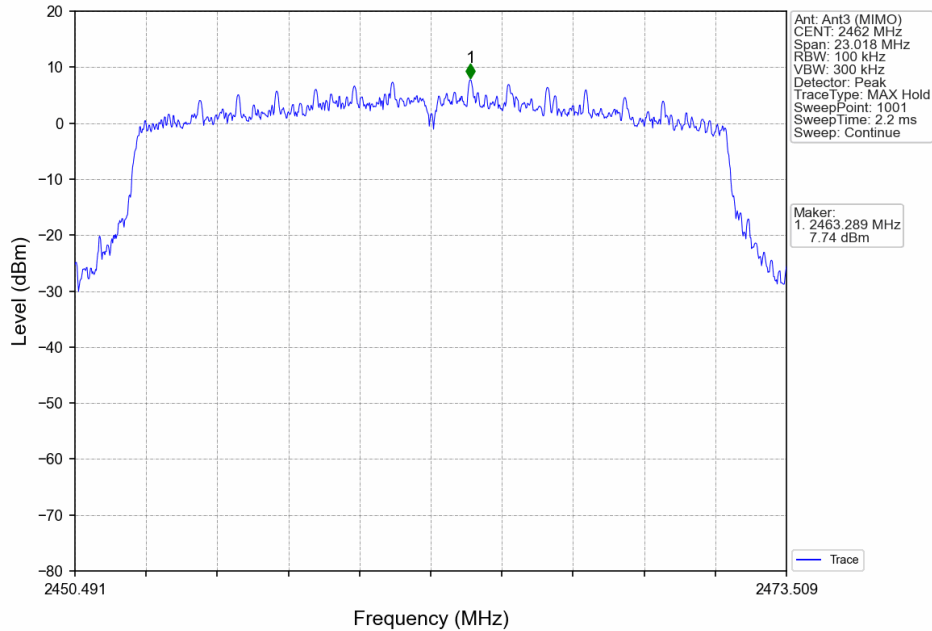
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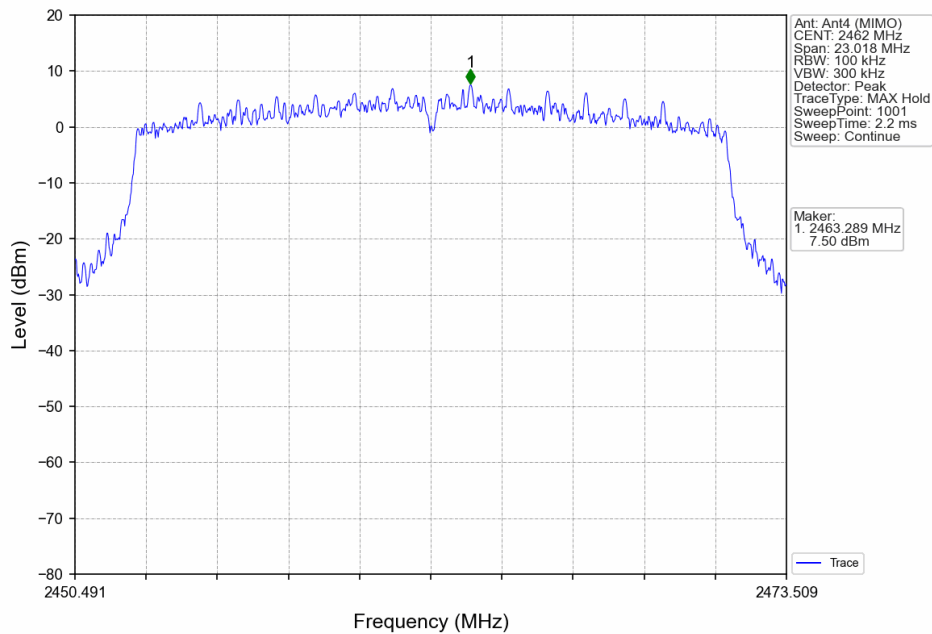
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802.11ax(HEW20)\_HCH\_2462MHz\_RU242\_Left\_Ant3 (MIMO)\_NTNV



802.11ax(HEW20)\_HCH\_2462MHz\_RU242\_Left\_Ant4 (MIMO)\_NTNV



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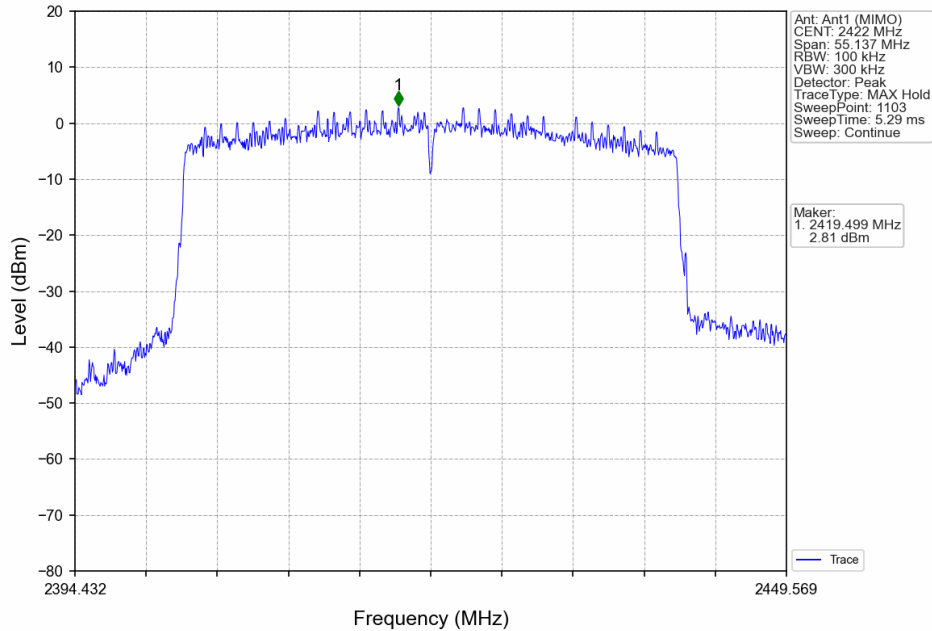
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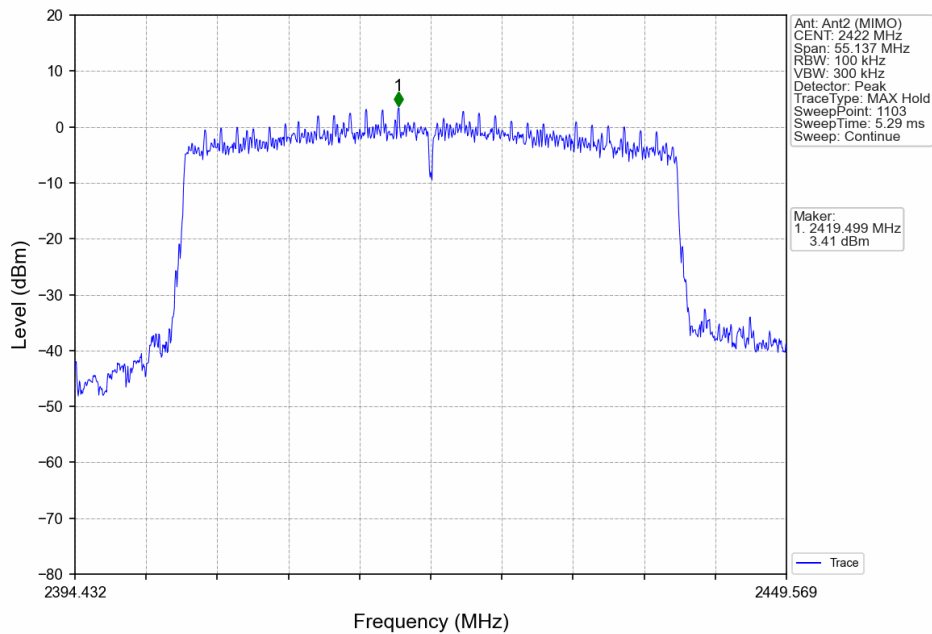
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### 802.11ax(HEW40)\_LCH\_2422MHz\_RU484\_Left\_Ant1 (MIMO)\_NTNV



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



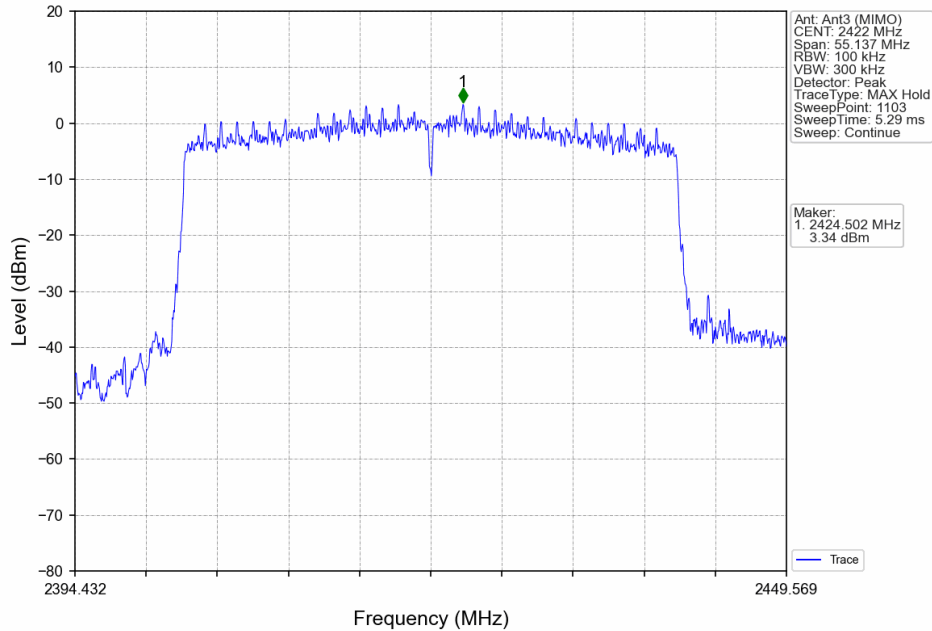
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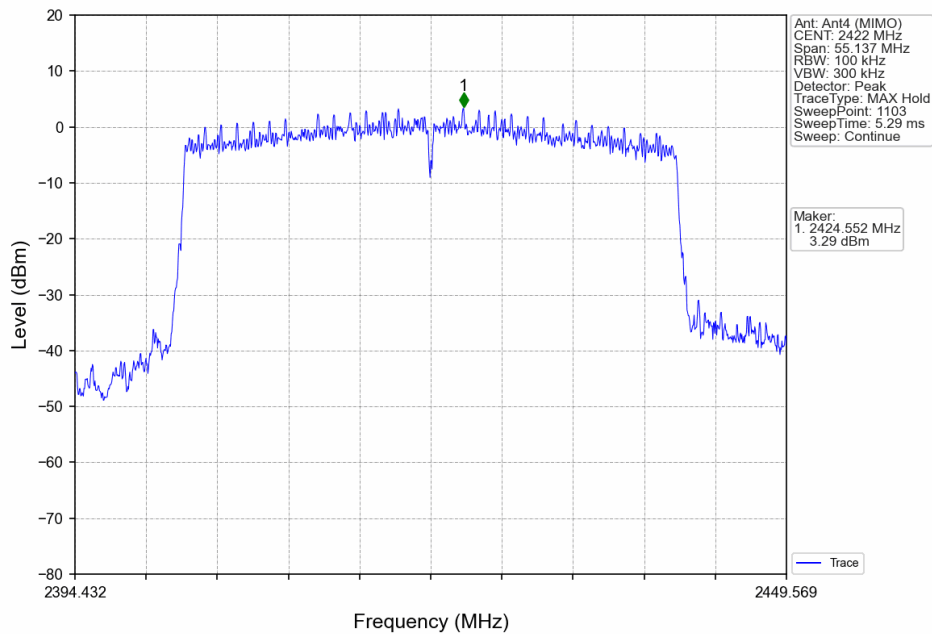
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### 802.11ax(HEW40)\_LCH\_2422MHz\_RU484\_Left\_Ant3 (MIMO)\_NTNV



### 802.11ax(HEW40)\_LCH\_2422MHz\_RU484\_Left\_Ant4 (MIMO)\_NTNV



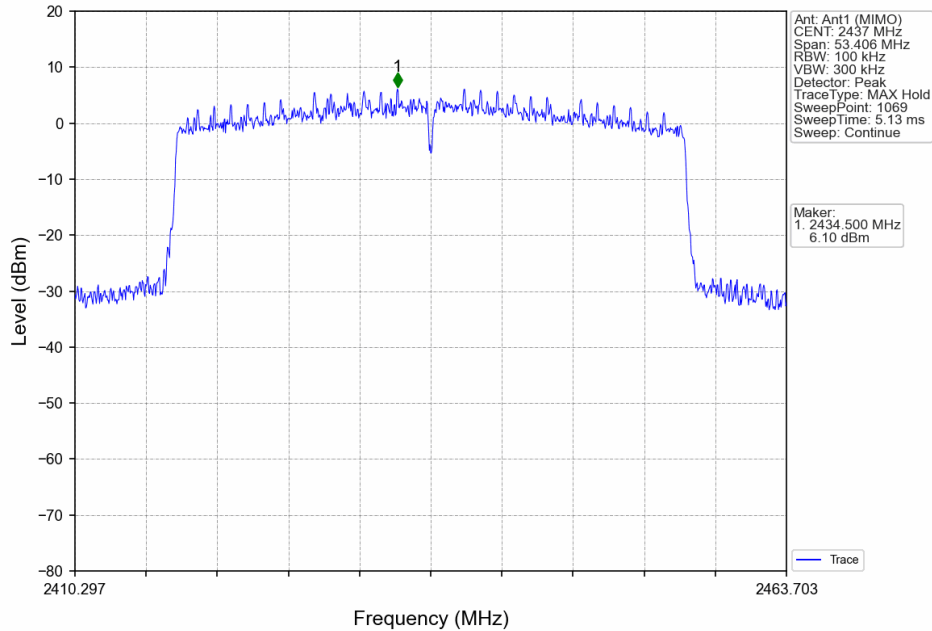
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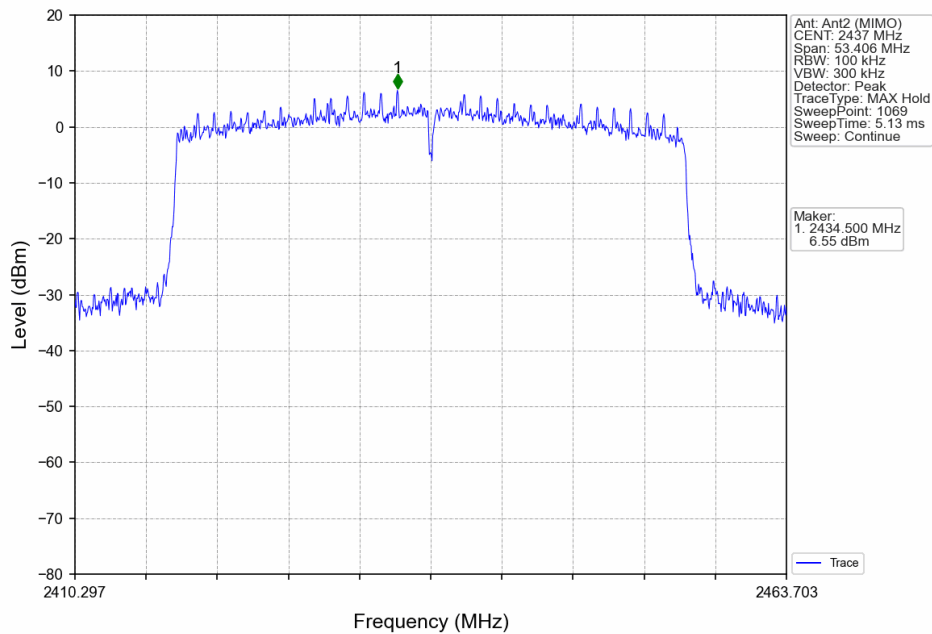
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### 802.11ax(HEW40)\_MCH\_2437MHz\_RU484\_Left\_Ant1 (MIMO)\_NTNV



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



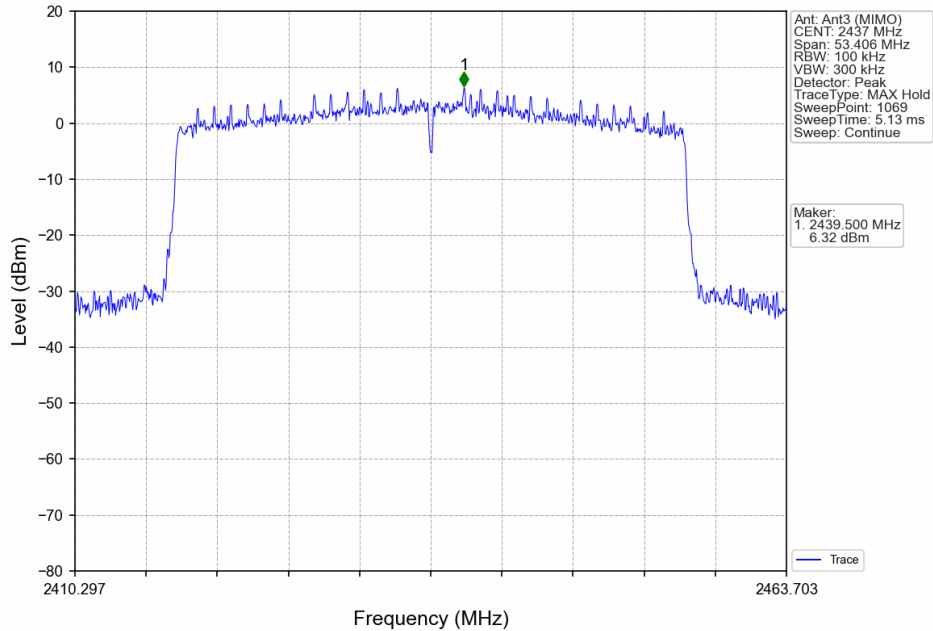
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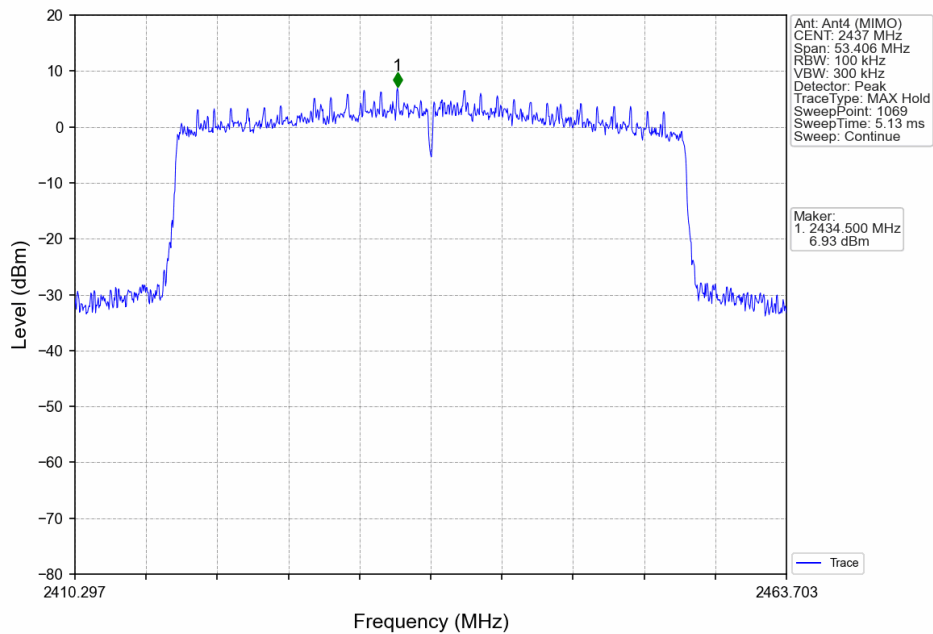
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802.11ax(HEW40)\_MCH\_2437MHz\_RU484\_Left\_Ant3 (MIMO)\_NTNV

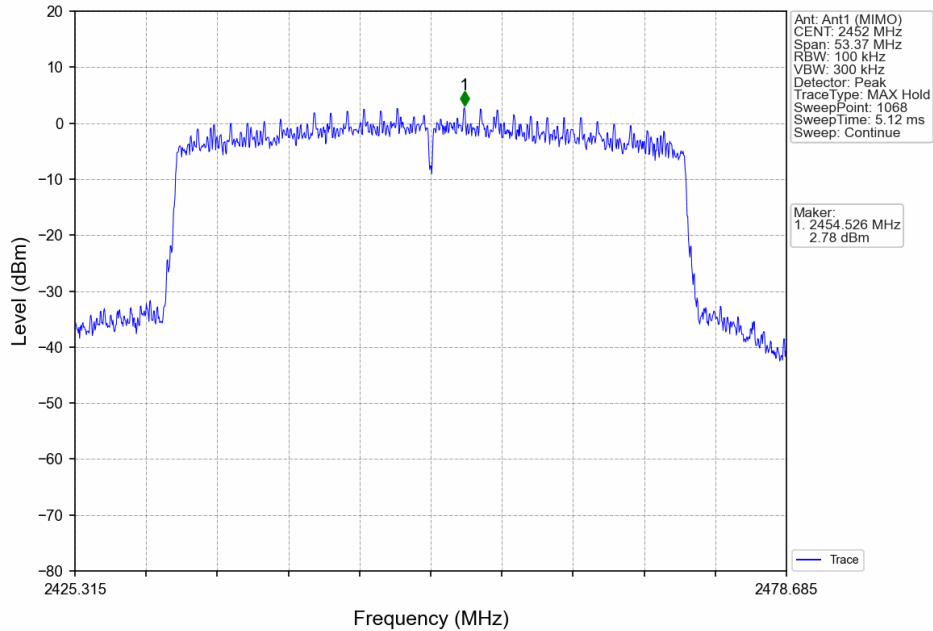


802.11ax(HEW40)\_MCH\_2437MHz\_RU484\_Left\_Ant4 (MIMO)\_NTNV

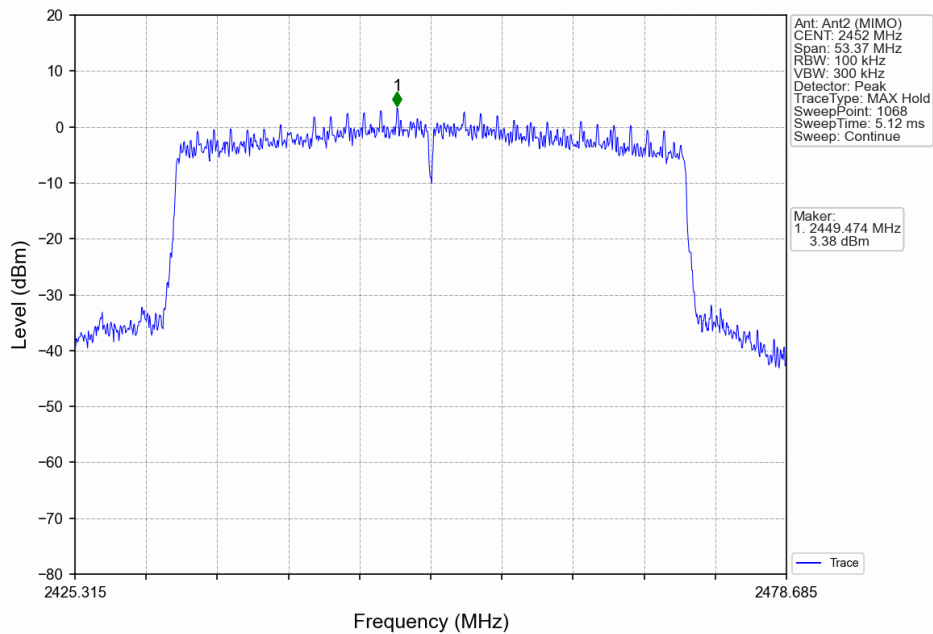




### 802.11ax(HEW40)\_HCH\_2452MHz\_RU484\_Left\_Ant1 (MIMO)\_NTNV



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



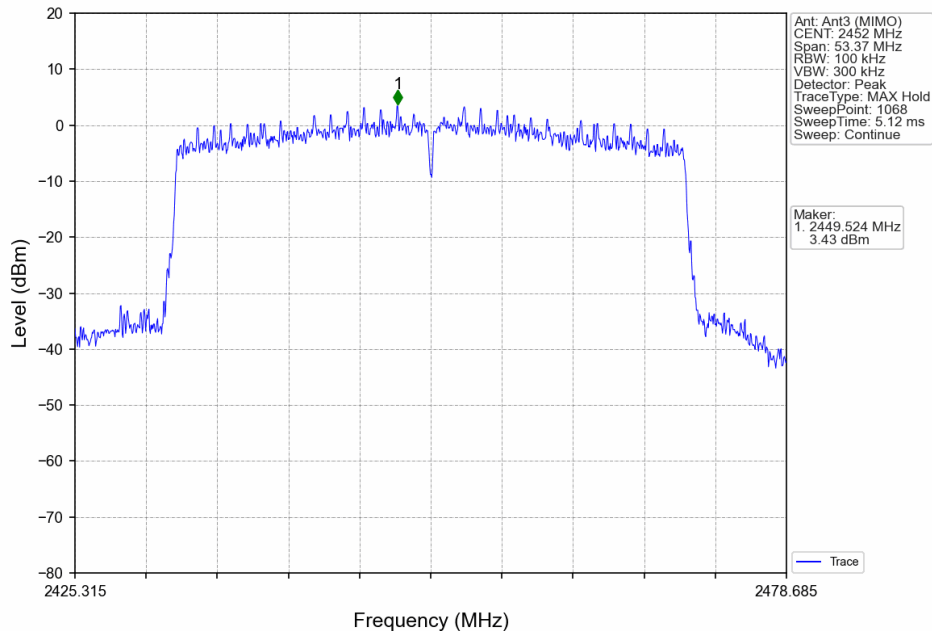
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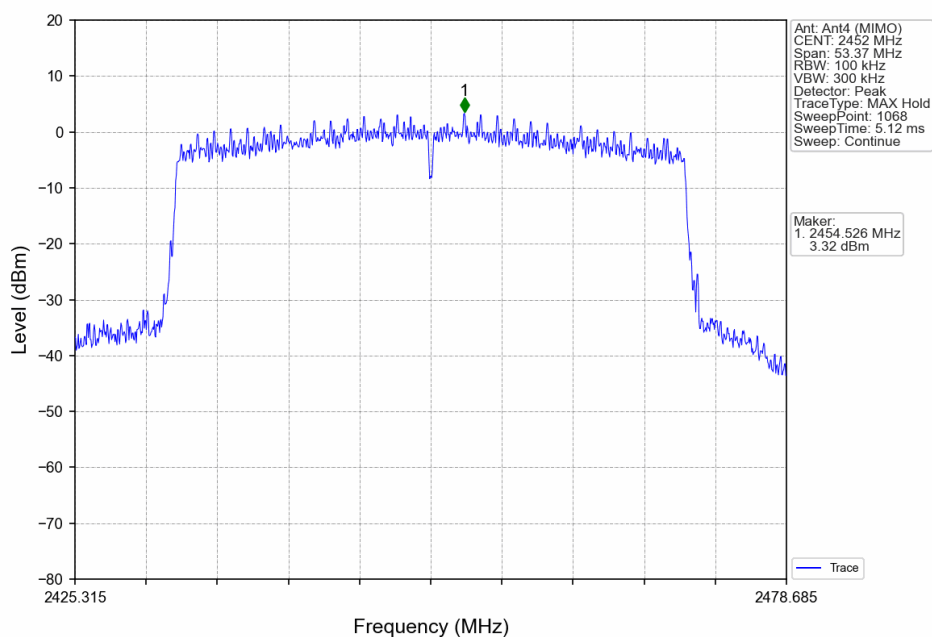
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### 802.11ax(HEW40)\_HCH\_2452MHz\_RU484\_Left\_Ant3 (MIMO)\_NTNV



### 802.11ax(HEW40)\_HCH\_2452MHz\_RU484\_Left\_Ant4 (MIMO)\_NTNV



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SZEMC-TRF-01 Rev. A/1

Report No.: SZCR230900315802

Page: 198 of 259

### 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	17.68	-12.32	Pass
					2	18.15	-11.85	Pass
					3	19.09	-10.91	Pass
					4	17.65	-12.35	Pass
		2437	/	/	1	17.68	-12.32	Pass
					2	18.15	-11.85	Pass
					3	19.09	-10.91	Pass
					4	17.65	-12.35	Pass
		2462	/	/	1	17.68	-12.32	Pass
					2	18.15	-11.85	Pass
					3	19.09	-10.91	Pass
					4	17.65	-12.35	Pass
802.11g	SISO	2412	/	/	1	17.94	-12.06	Pass
					2	17.20	-12.80	Pass
					3	17.17	-12.83	Pass
					4	17.40	-12.60	Pass
		2437	/	/	1	17.94	-12.06	Pass
					2	17.20	-12.80	Pass
					3	17.17	-12.83	Pass
					4	17.40	-12.60	Pass
		2462	/	/	1	17.94	-12.06	Pass
					2	17.20	-12.80	Pass
					3	17.17	-12.83	Pass
					4	17.40	-12.60	Pass
802.11n (HT20)	MIMO	2412	/	/	1	9.86	-20.14	Pass
					2	9.64	-20.36	Pass
					3	9.60	-20.40	Pass
					4	9.81	-20.19	Pass
		2437	/	/	1	9.86	-20.14	Pass
					2	9.64	-20.36	Pass
					3	9.60	-20.40	Pass
					4	9.81	-20.19	Pass
		2462	/	/	1	9.86	-20.14	Pass
					2	9.64	-20.36	Pass
					3	9.60	-20.40	Pass
					4	9.81	-20.19	Pass



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Report No.: SZCR230900315802

Page: 199 of 259

					2	9.64	-20.36	Pass
					3	9.60	-20.40	Pass
					4	9.81	-20.19	Pass
802.11n (HT40)	MIMO	2422	/	/	1	6.21	-23.79	Pass
					2	6.32	-23.68	Pass
					3	6.61	-23.39	Pass
					4	6.19	-23.81	Pass
		2437	/	/	1	6.21	-23.79	Pass
					2	6.32	-23.68	Pass
					3	6.61	-23.39	Pass
					4	6.19	-23.81	Pass
		2452	/	/	1	6.21	-23.79	Pass
					2	6.32	-23.68	Pass
					3	6.61	-23.39	Pass
					4	6.19	-23.81	Pass
802.11ax (HEW20)	MIMO	2412	RU242	Left	1	9.63	-20.37	Pass
					2	9.64	-20.36	Pass
					3	9.90	-20.10	Pass
					4	9.65	-20.35	Pass
		2437	RU242	Left	1	9.63	-20.37	Pass
					2	9.64	-20.36	Pass
					3	9.90	-20.10	Pass
					4	9.65	-20.35	Pass
		2462	RU242	Left	1	9.63	-20.37	Pass
					2	9.64	-20.36	Pass
					3	9.90	-20.10	Pass
					4	9.65	-20.35	Pass
802.11ax (HEW40)	MIMO	2422	RU484	Left	1	6.10	-23.90	Pass
					2	6.55	-23.45	Pass
					3	6.32	-23.68	Pass
					4	6.93	-23.07	Pass
		2437	RU484	Left	1	6.10	-23.90	Pass
					2	6.55	-23.45	Pass
					3	6.32	-23.68	Pass
					4	6.93	-23.07	Pass
		2452	RU484	Left	1	6.10	-23.90	Pass
					2	6.55	-23.45	Pass
					3	6.32	-23.68	Pass
					4	6.93	-23.07	Pass



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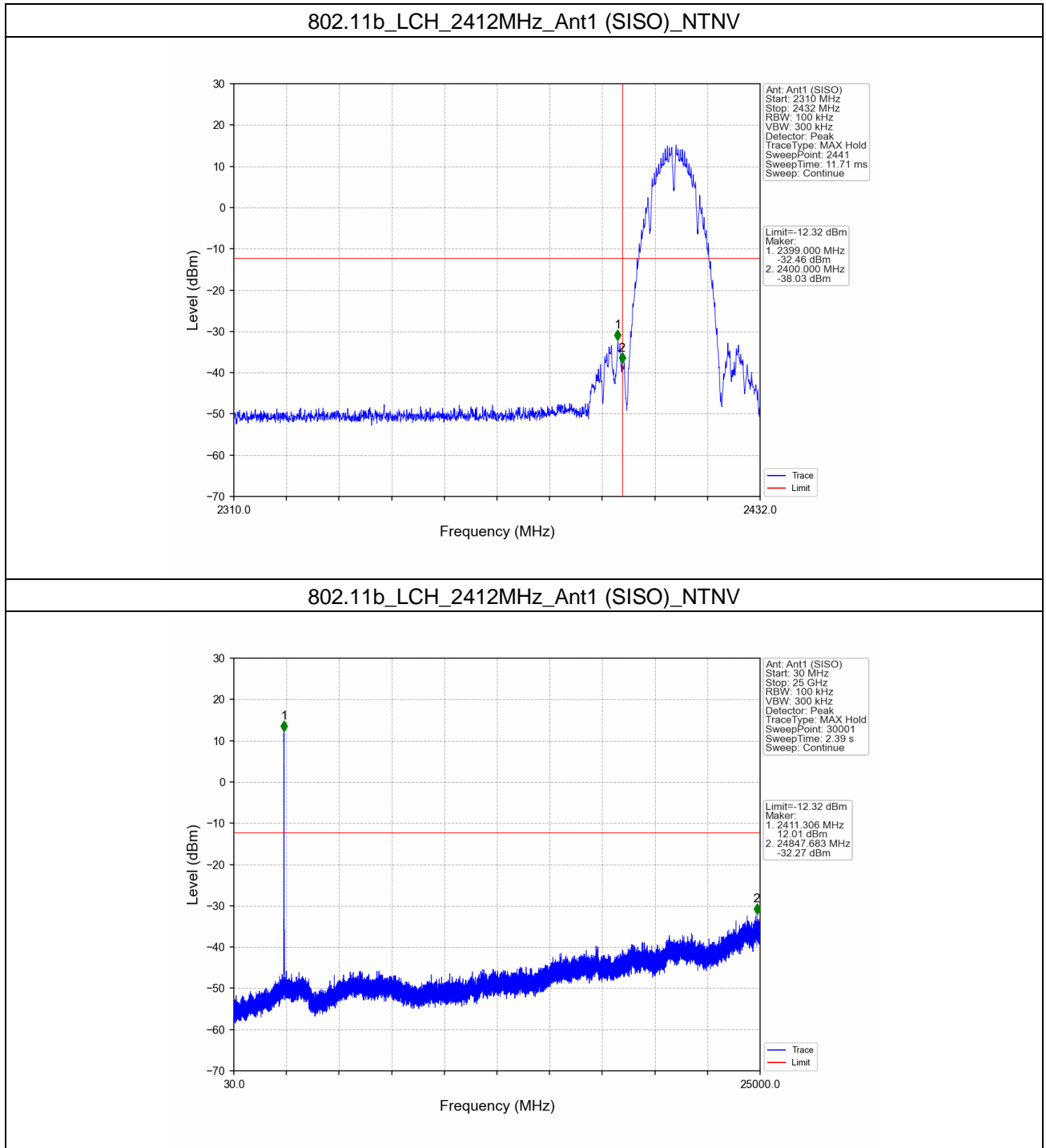
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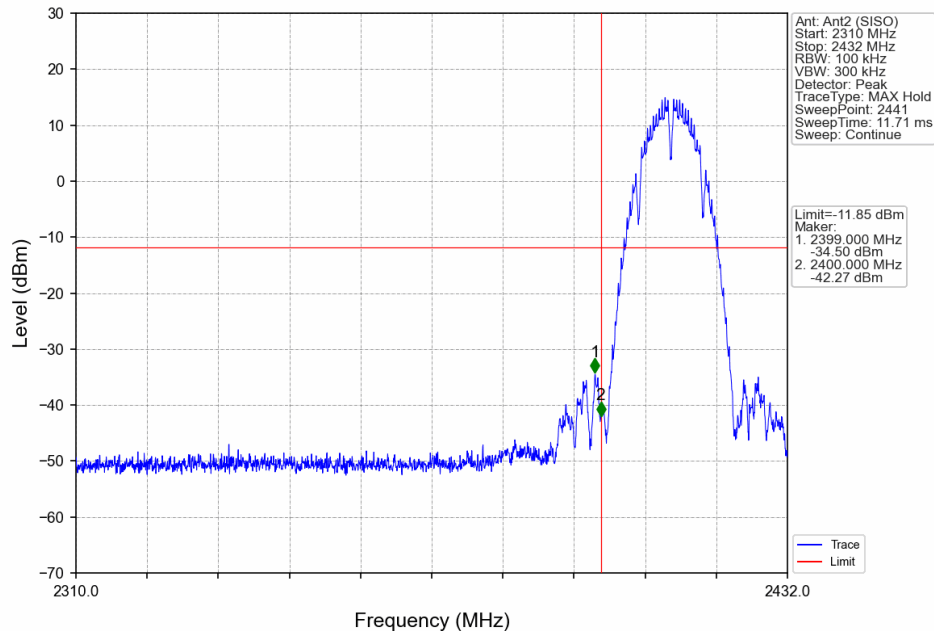
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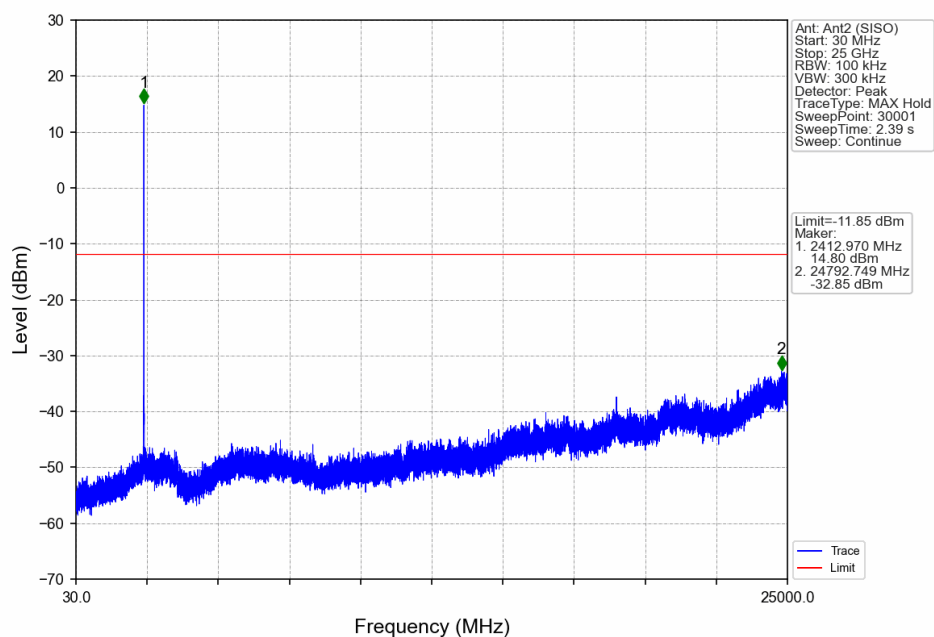
### 5.2.2 Test Graph



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



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



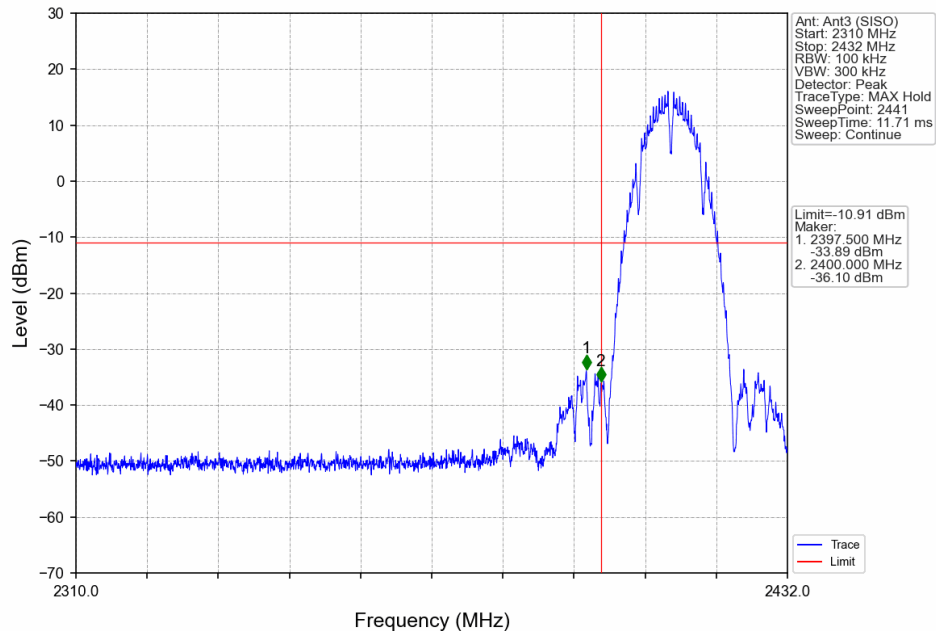
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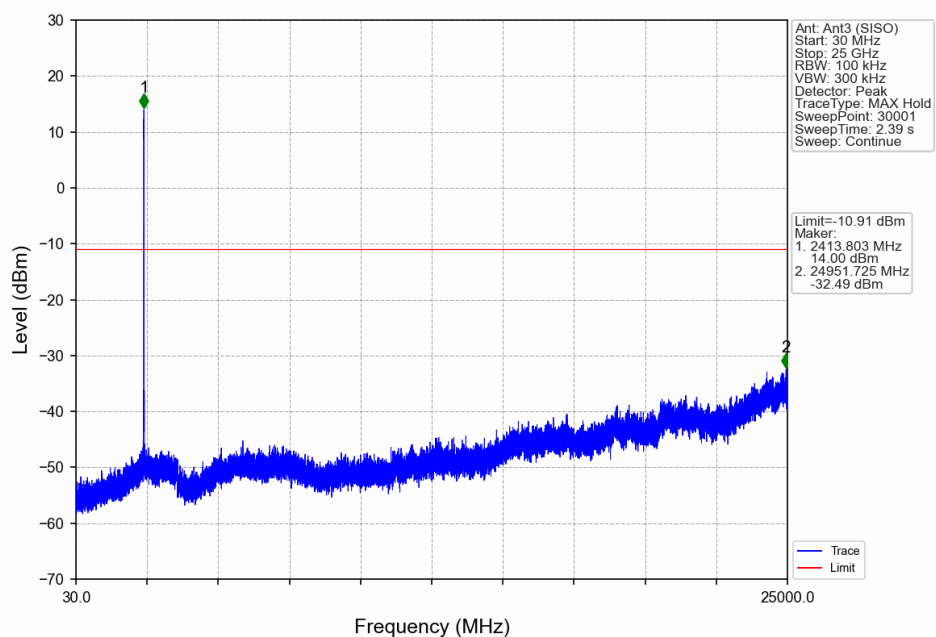
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### 802.11b\_LCH\_2412MHz\_Ant3 (SISO)\_NTNV



### 802.11b\_LCH\_2412MHz\_Ant3 (SISO)\_NTNV



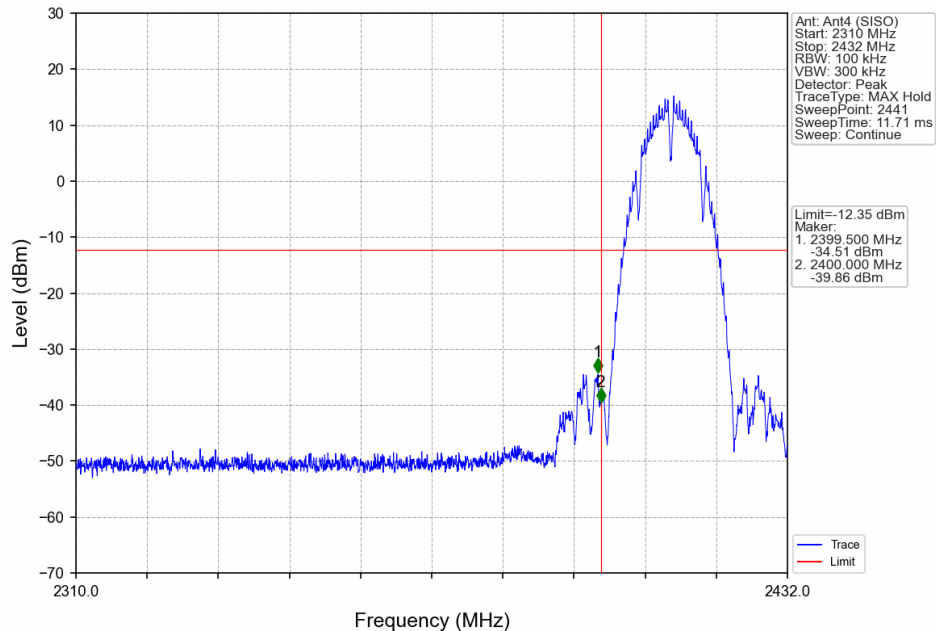
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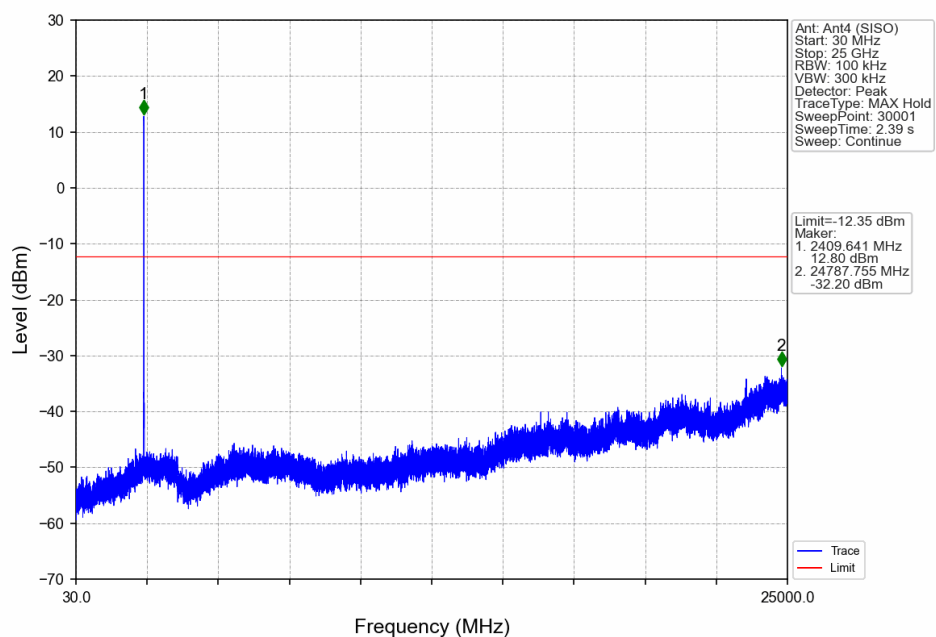
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### 802.11b\_LCH\_2412MHz\_Ant4 (SISO)\_NTNV



### 802.11b\_LCH\_2412MHz\_Ant4 (SISO)\_NTNV



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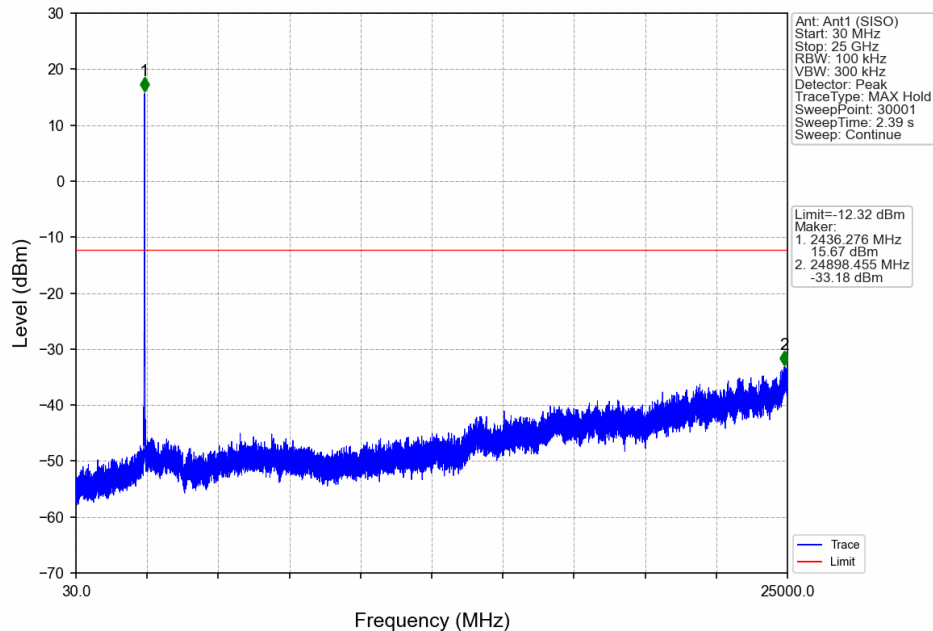
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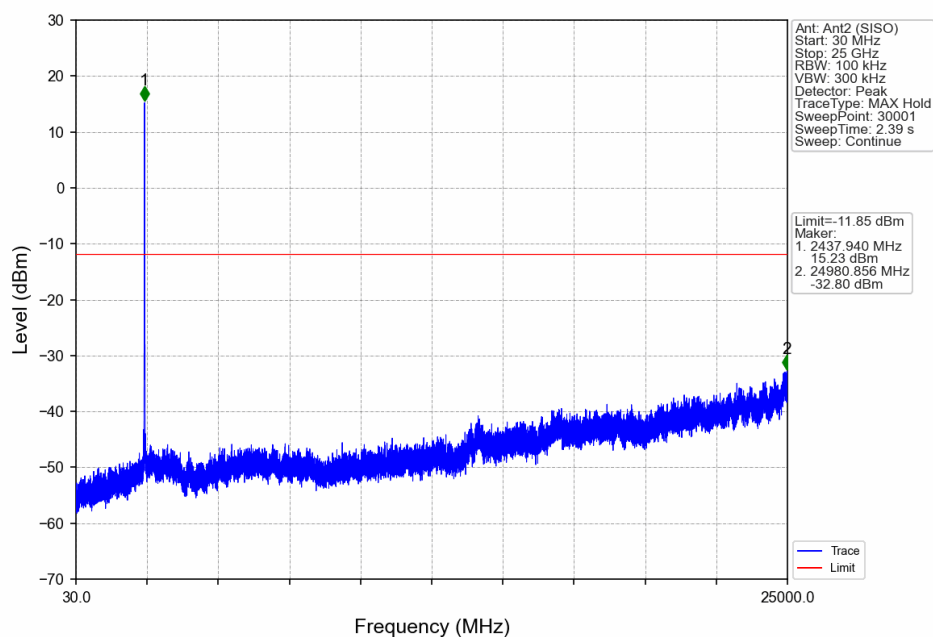
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### 802.11b\_MCH\_2437MHz\_Ant1 (SISO)\_NTNV



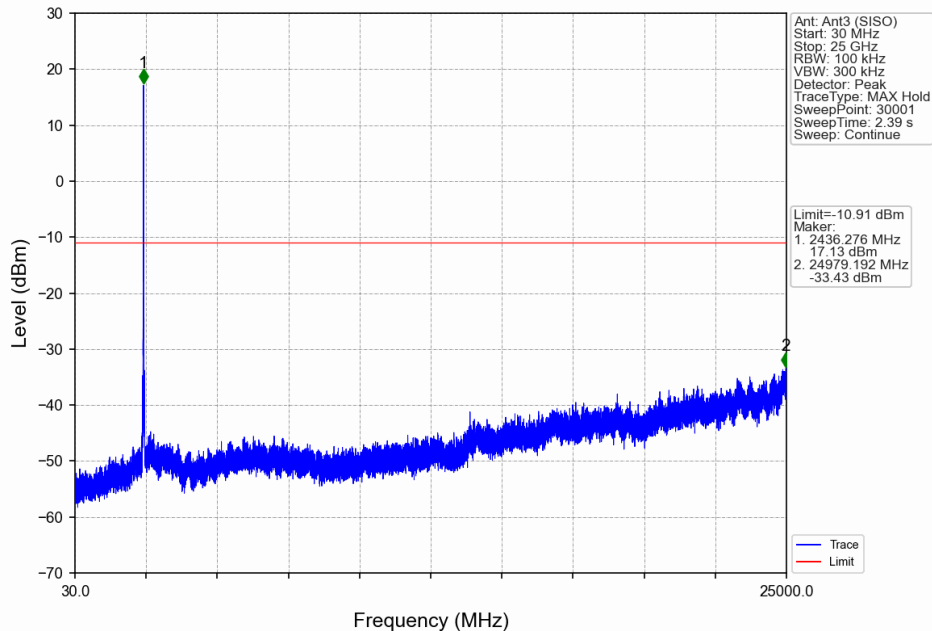
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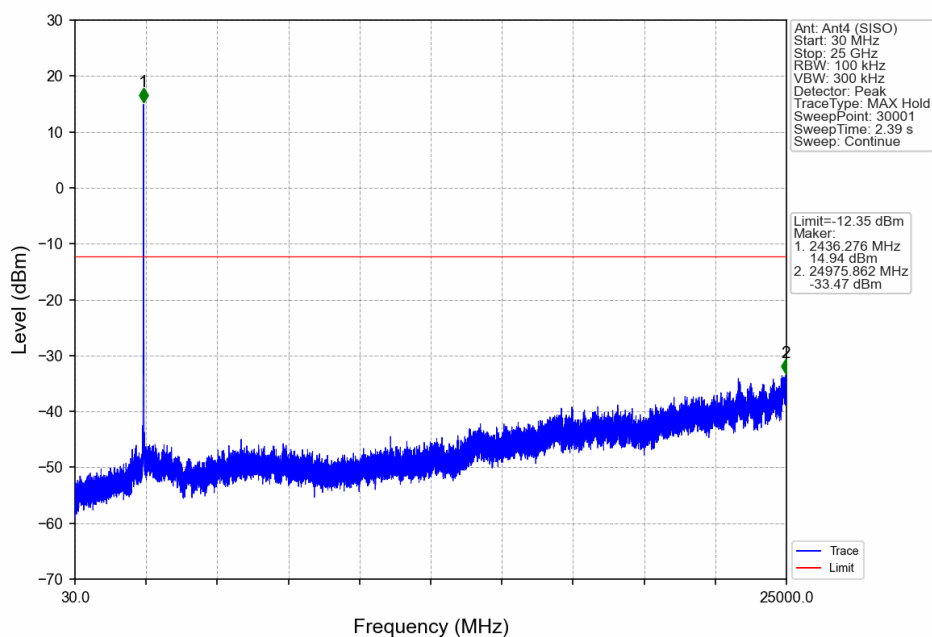
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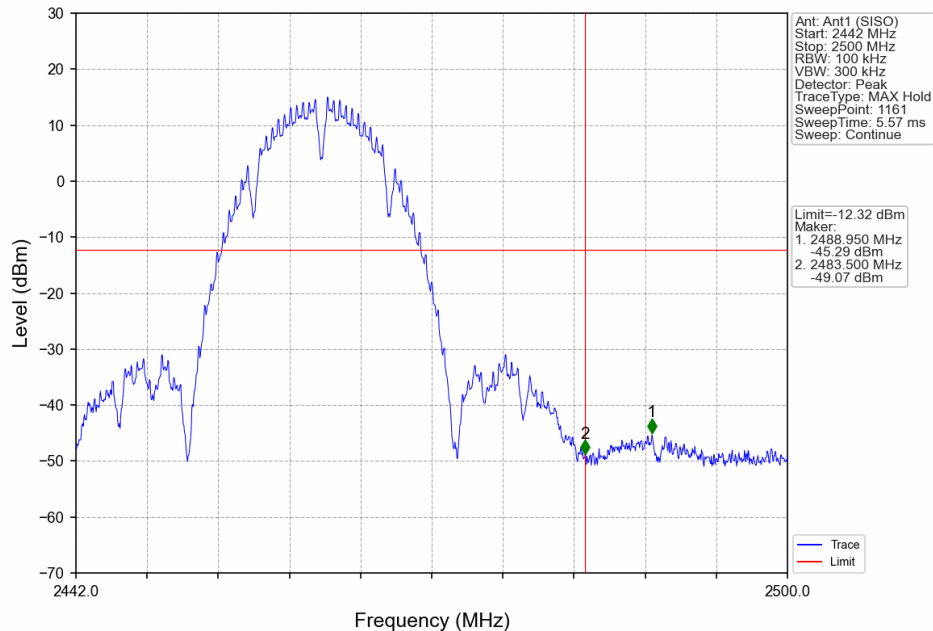
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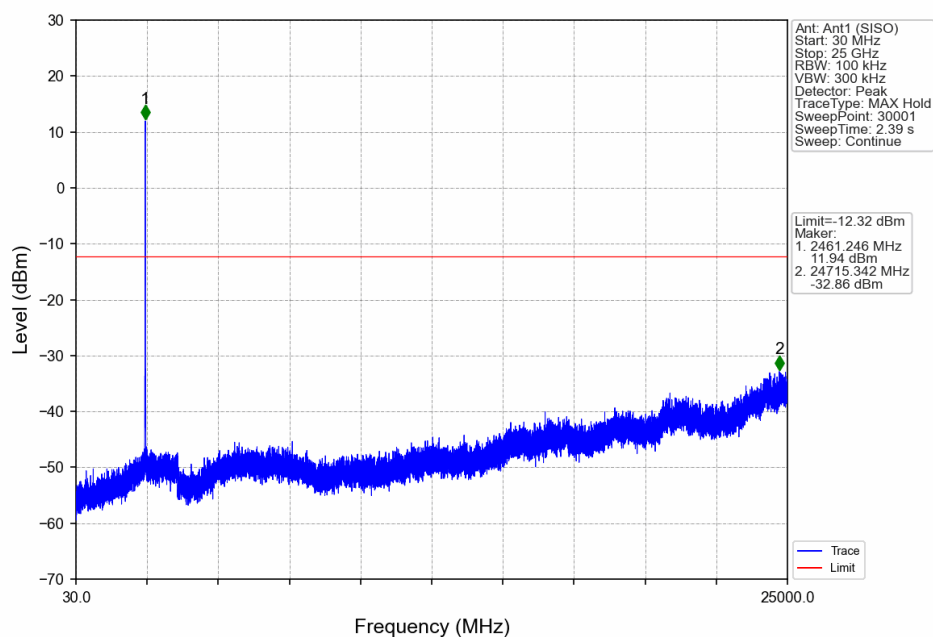
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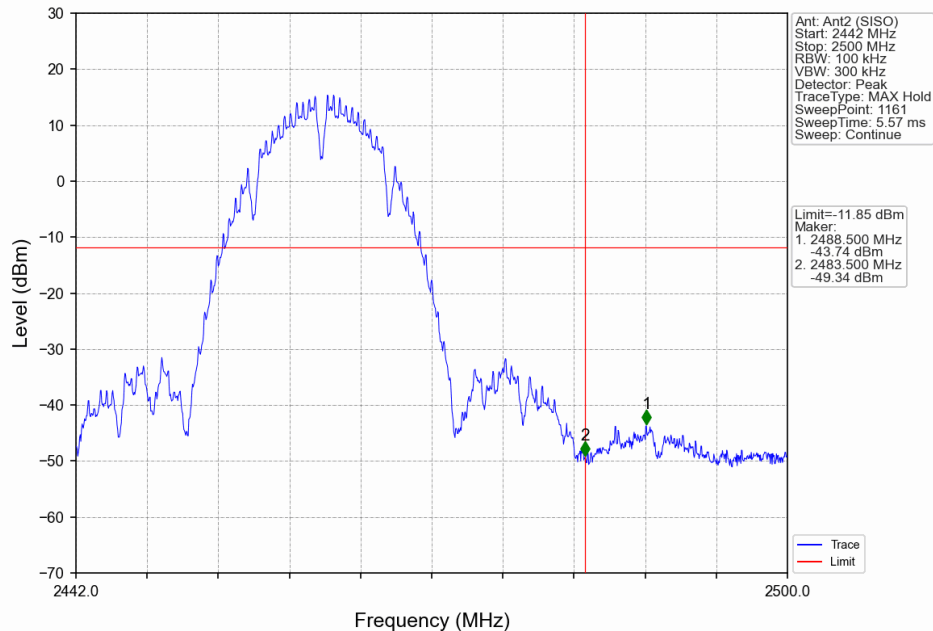
802.11b\_HCH\_2462MHz\_Ant1 (SISO)\_NTNV



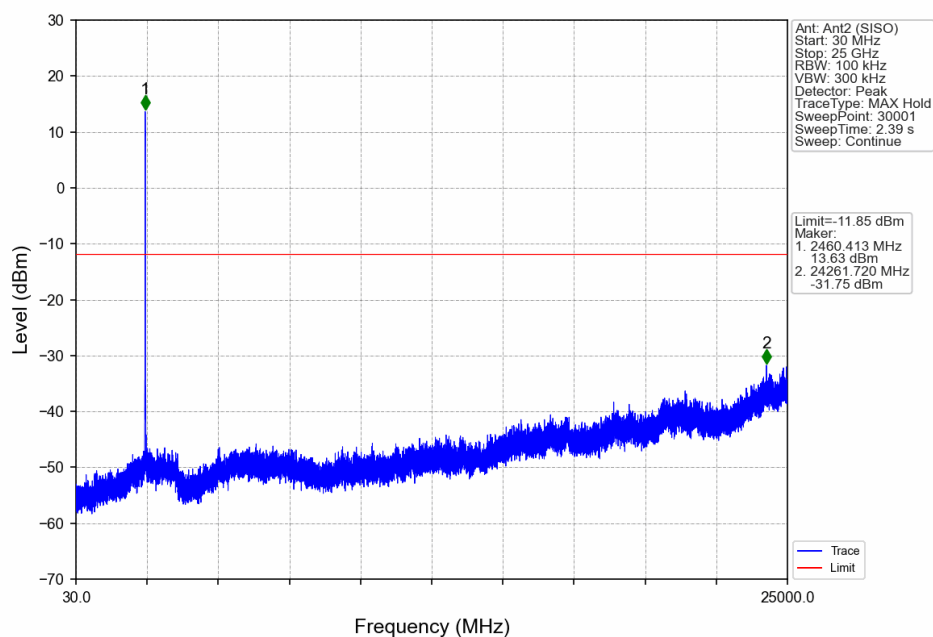
802.11b\_HCH\_2462MHz\_Ant1 (SISO)\_NTNV



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

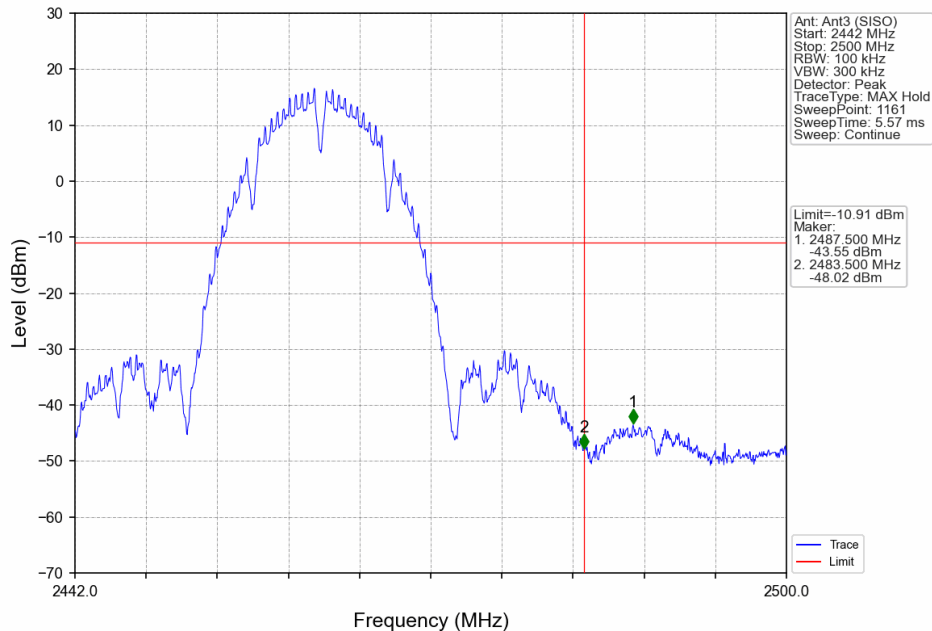


802.11b\_HCH\_2462MHz\_Ant2 (SISO)\_NTNV

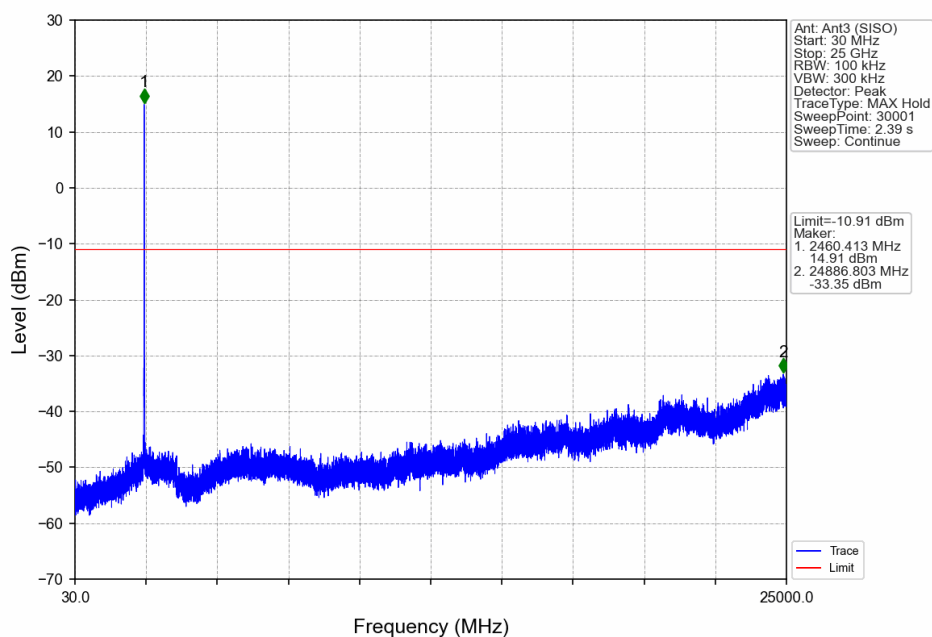




### 802.11b\_HCH\_2462MHz\_Ant3 (SISO)\_NTNV



### 802.11b\_HCH\_2462MHz\_Ant3 (SISO)\_NTNV



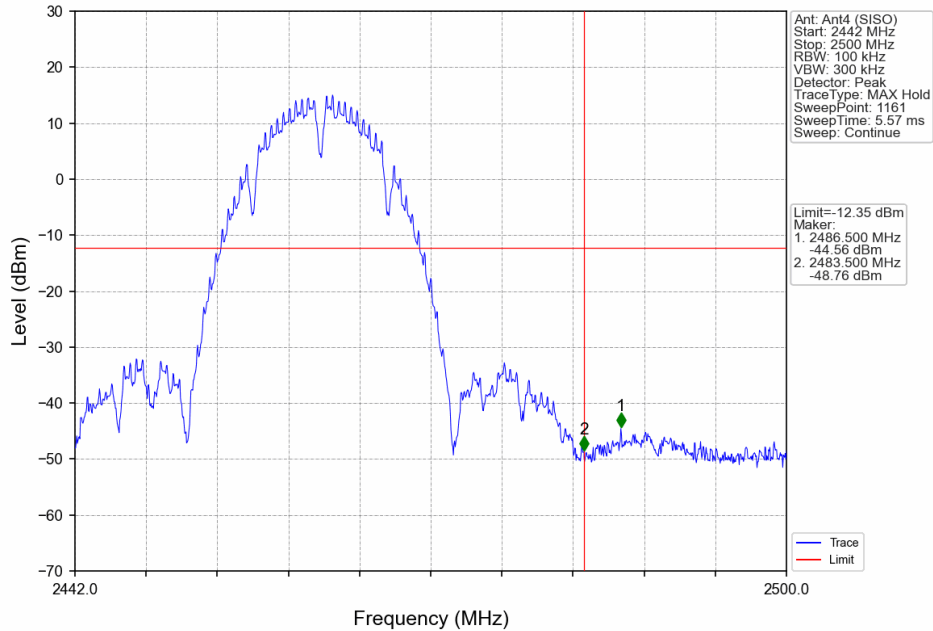
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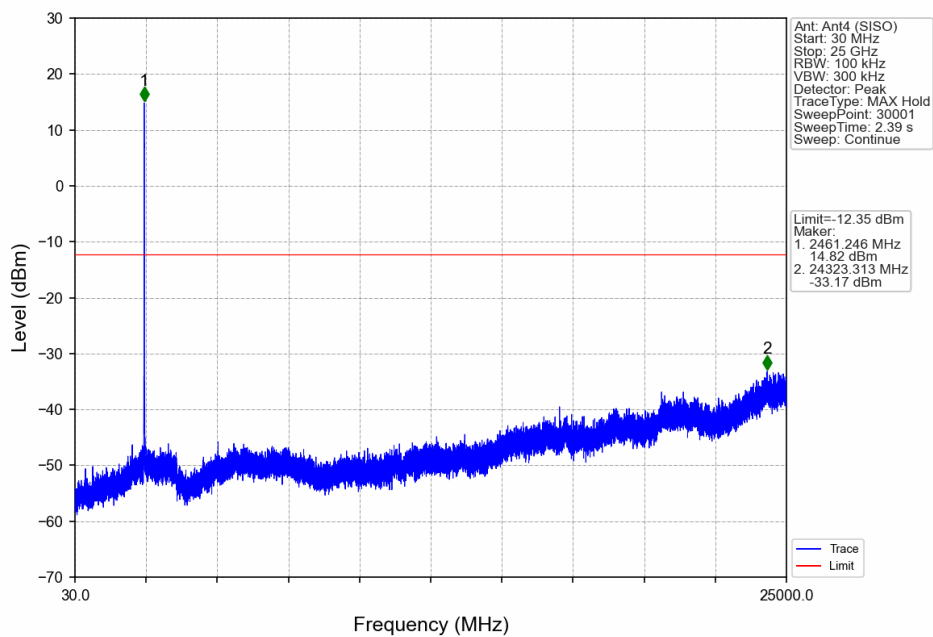
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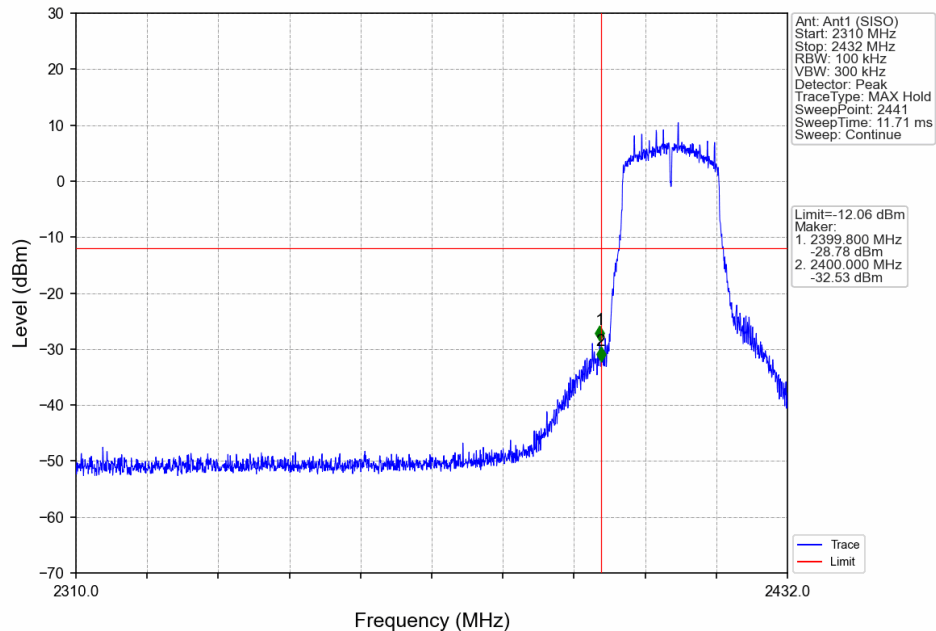
### 802.11b\_HCH\_2462MHz\_Ant4 (SISO)\_NTNV



### 802.11b\_HCH\_2462MHz\_Ant4 (SISO)\_NTNV



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



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

