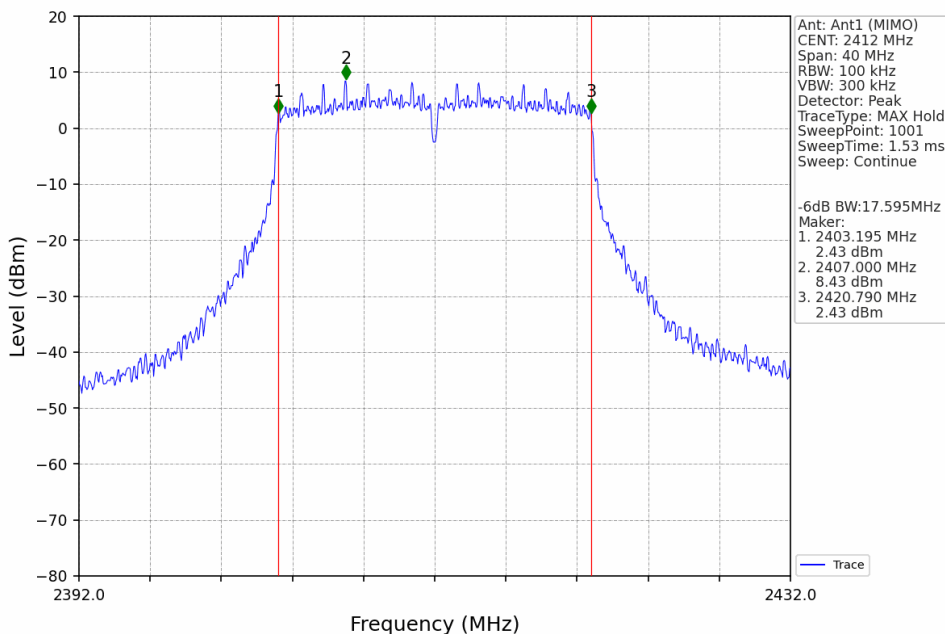
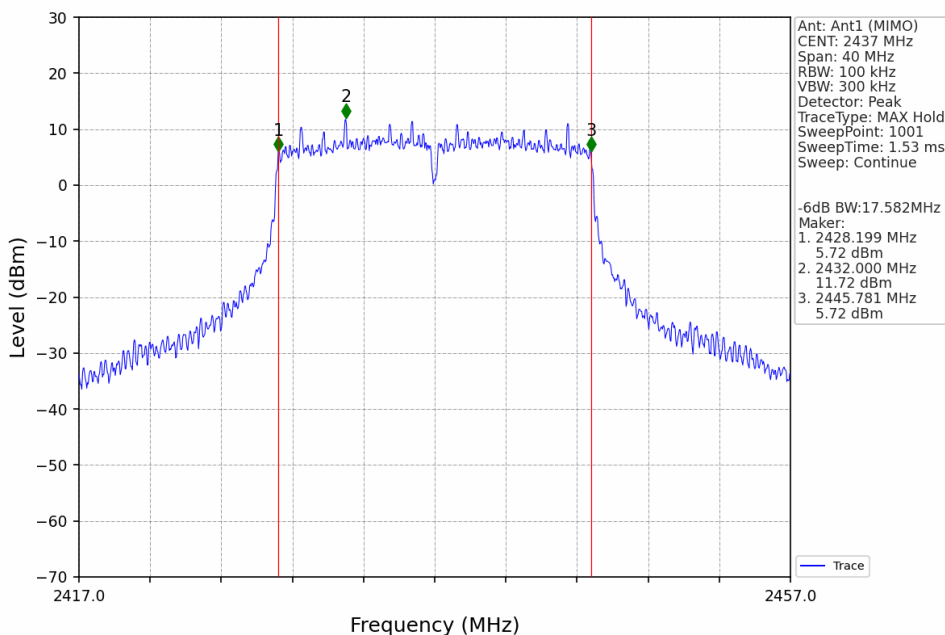


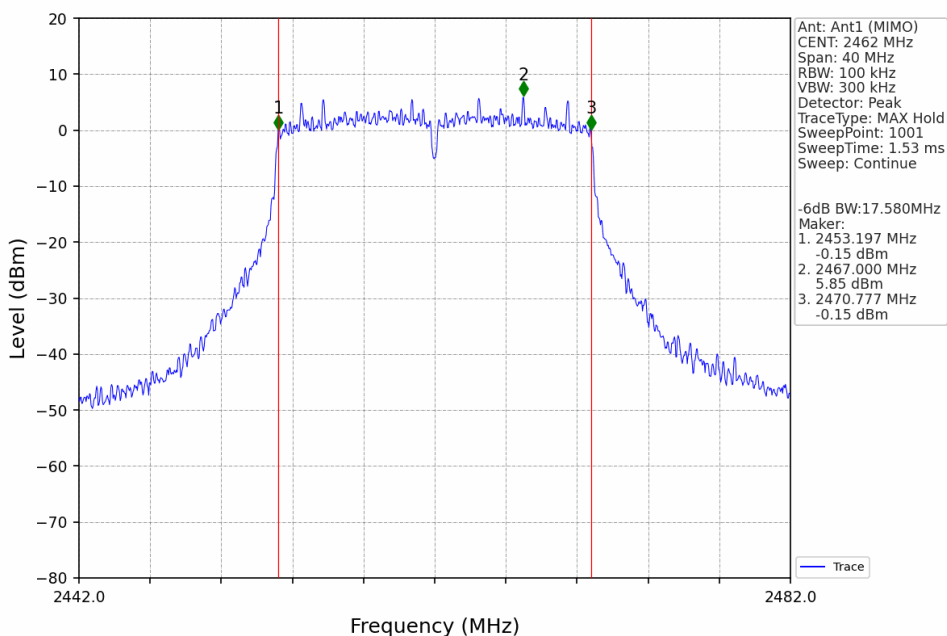
### 802.11n(HT20)\_LCH\_2412MHz\_Ant1 (MIMO)\_NTNV



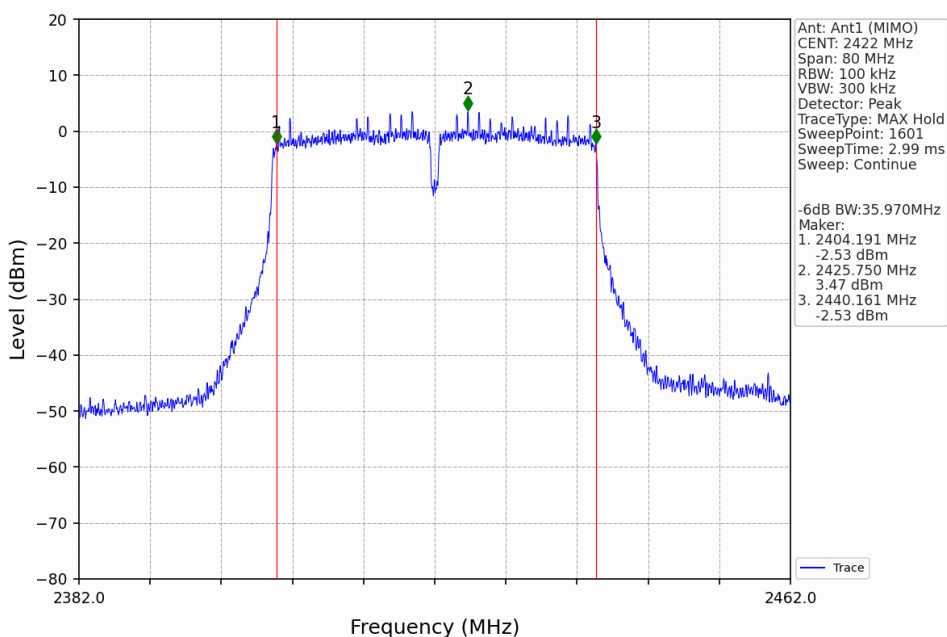
### 802.11n(HT20)\_MCH\_2437MHz\_Ant1 (MIMO)\_NTNV



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



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



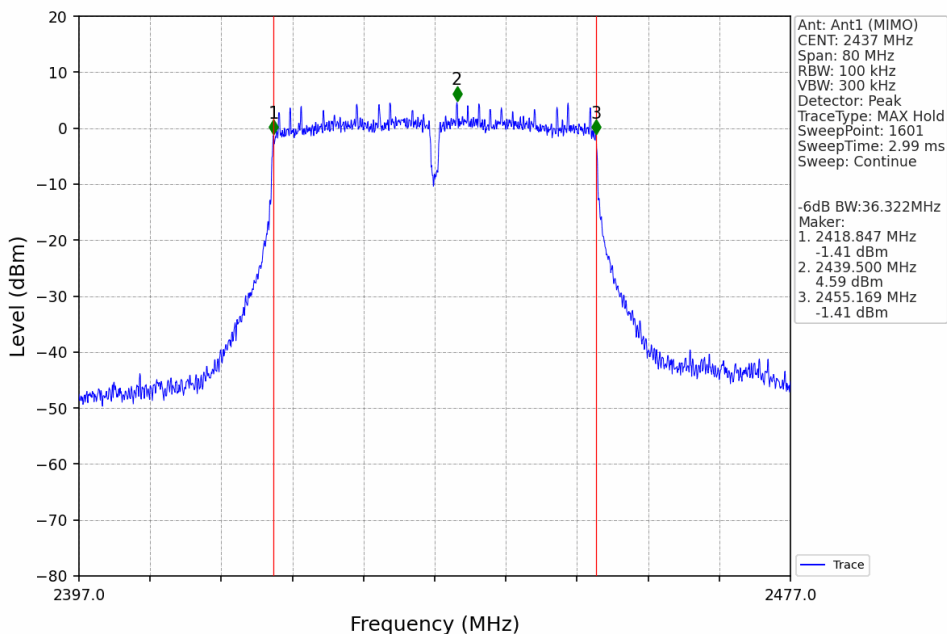
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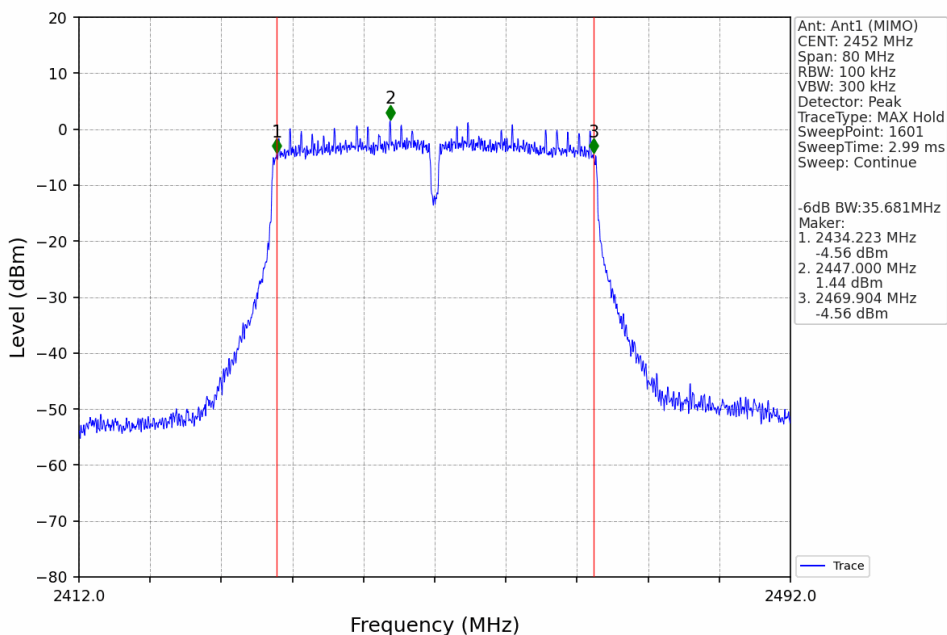
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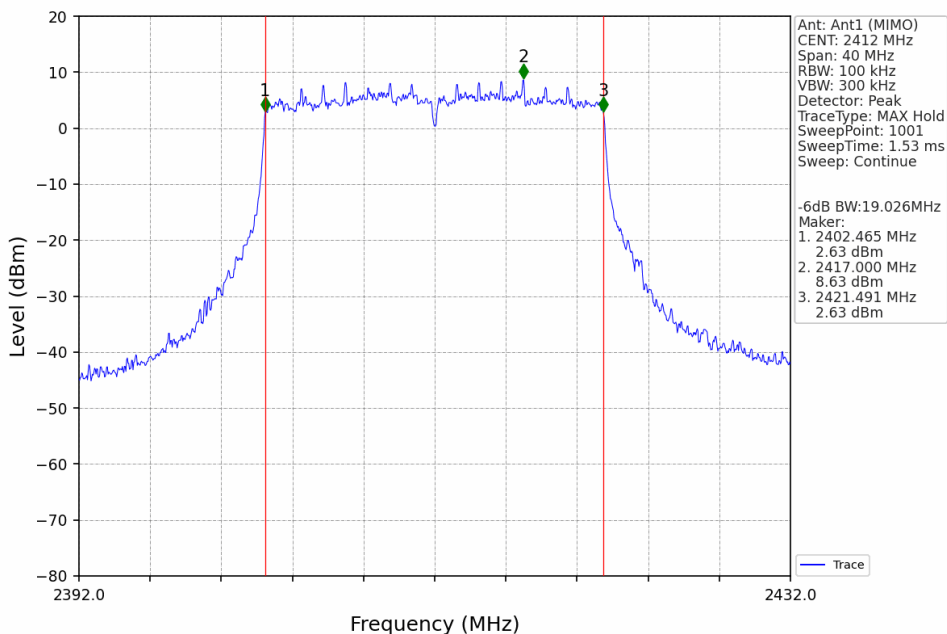
### 802.11n(HT40)\_MCH\_2437MHz\_Ant1 (MIMO)\_NTNV



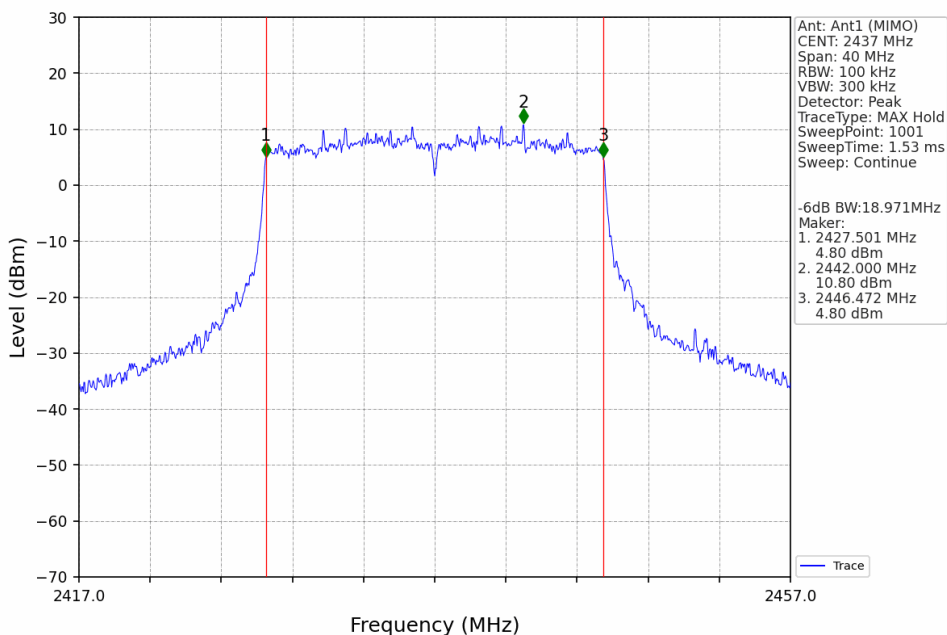
### 802.11n(HT40)\_HCH\_2452MHz\_Ant1 (MIMO)\_NTNV



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

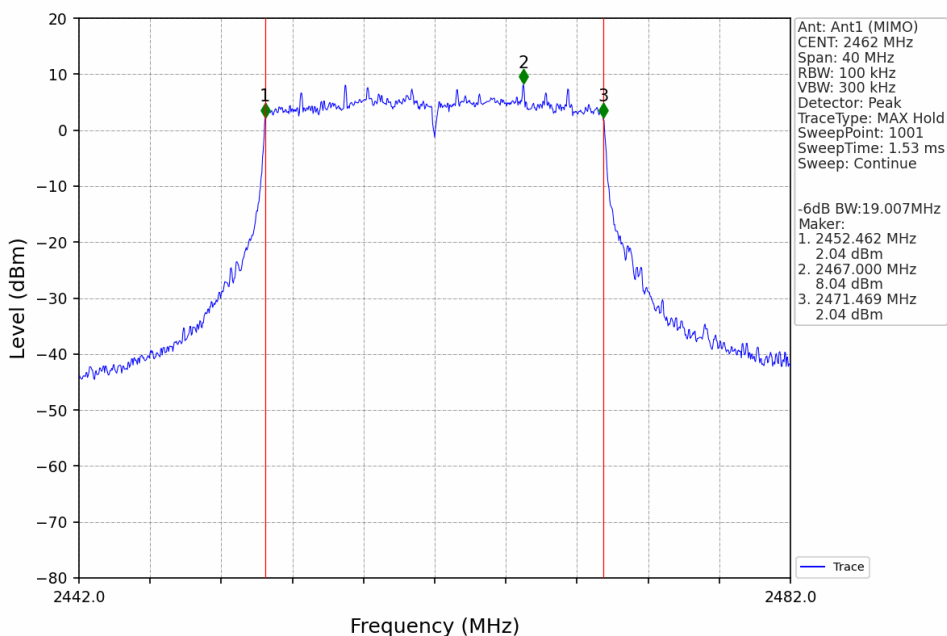


### 802.11ax(HEW20)\_MCH\_2437MHz\_RU242\_Left\_Ant1 (MIMO)\_NTNV

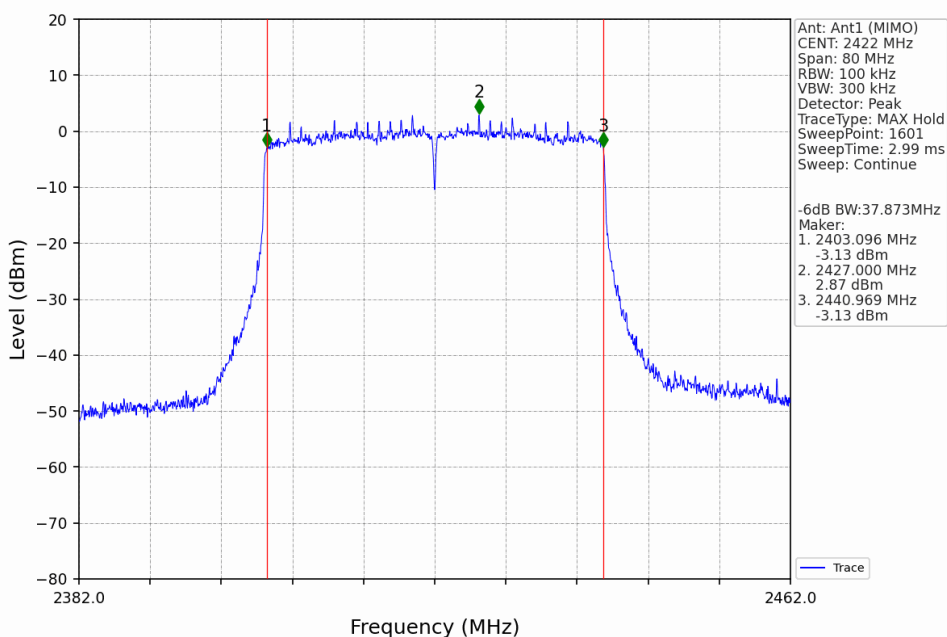




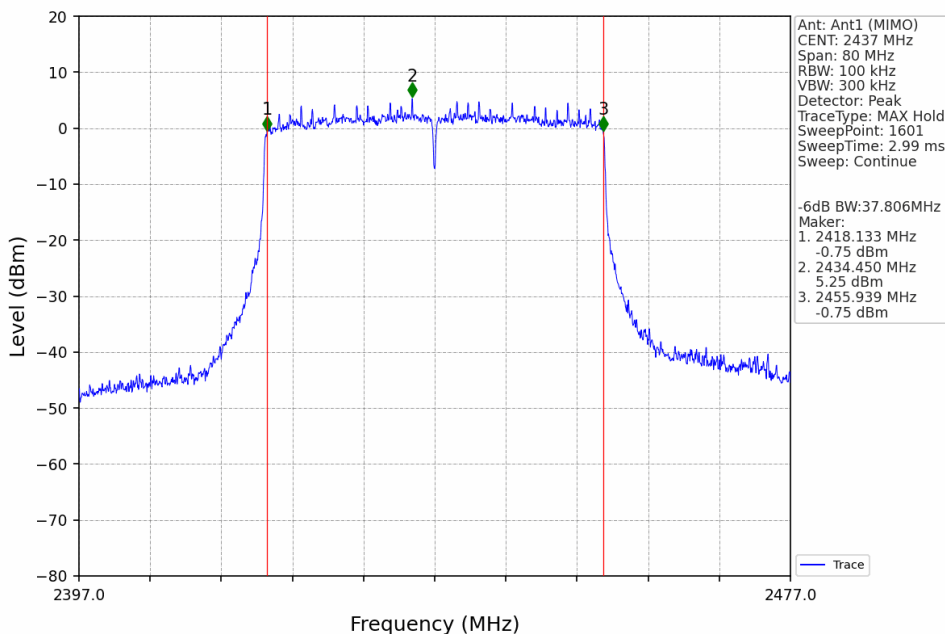
### 802.11ax(HEW20)\_HCH\_2462MHz\_RU242\_Left\_Ant1 (MIMO)\_NTNV



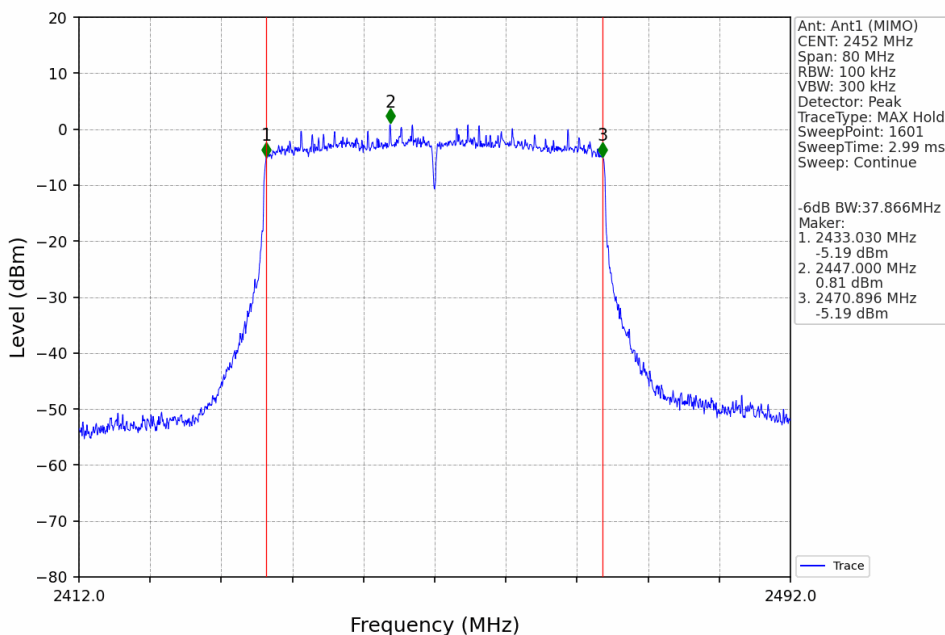
### 802.11ax(HEW40)\_LCH\_2422MHz\_RU484\_Left\_Ant1 (MIMO)\_NTNV



### 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 Test Result

#### 3.1.1 Power

Mode	TX Type	Frequency (MHz)	RU	RU Pos	Maximum Average Conducted Output Power (dBm)						Verdict
					ANT1	ANT2	ANT3	ANT4	MIMO	Limit	
802.11b	MIMO	2412	/	/	22.53	23.08	23.12	22.31	28.79	<=30	Pass
		2437	/	/	22.91	23.40	23.25	22.63	29.08	<=30	Pass
		2462	/	/	22.91	23.68	23.54	23.11	29.34	<=30	Pass
802.11g	MIMO	2412	/	/	20.71	21.12	21.01	20.72	26.91	<=30	Pass
		2437	/	/	22.82	23.22	23.23	22.75	29.03	<=30	Pass
		2457	/	/	21.94	22.14	22.13	21.82	28.03	<=30	Pass
		2462	/	/	18.08	18.53	18.60	18.11	24.36	<=30	Pass
802.11n (HT20)	MIMO	2412	/	/	19.49	19.84	19.95	19.57	25.74	<=30	Pass
		2437	/	/	22.51	23.03	23.17	22.75	28.89	<=30	Pass
		2457	/	/	21.88	22.22	22.04	21.94	28.04	<=30	Pass
		2462	/	/	16.88	17.53	17.47	17.08	23.27	<=30	Pass
802.11n (HT40)	MIMO	2422	/	/	17.34	17.72	17.73	17.53	23.60	<=30	Pass
		2437	/	/	19.08	19.53	19.70	19.05	25.37	<=30	Pass
		2447	/	/	16.02	16.69	16.77	16.29	22.47	<=30	Pass
		2452	/	/	14.98	15.63	15.69	15.20	21.41	<=30	Pass
802.11ax (HEW20)	MIMO	2412	RU52	Left	18.96	19.20	19.27	18.45	25.00	<=30	Pass
			RU242	Left	19.56	20.15	20.18	19.62	25.91	<=30	Pass
		2437	RU52	Mid	22.78	23.28	23.38	23.02	29.14	<=30	Pass
			RU242	Left	22.09	22.34	22.36	21.94	28.21	<=30	Pass
		2457	RU242	Left	20.51	20.99	21.11	20.82	26.88	<=30	Pass
			RU52	Right	18.54	19.10	19.10	18.52	24.84	<=30	Pass
802.11ax (HEW40)	MIMO	2422	RU52	Left	14.94	15.44	15.02	14.85	21.09	<=30	Pass
			RU484	Left	16.90	17.37	17.30	17.06	23.18	<=30	Pass
		2437	RU52	Mid	20.03	20.74	20.84	20.46	26.55	<=30	Pass
			RU484	Left	19.13	19.72	19.75	19.16	25.47	<=30	Pass
		2447	RU484	Left	15.53	16.36	16.19	15.86	22.02	<=30	Pass
			RU52	Right	12.53	13.16	13.31	12.77	18.97	<=30	Pass
		2452	RU484	Left	14.84	15.20	15.29	14.81	21.06	<=30	Pass
			RU52	Right	12.53	13.16	13.31	12.77	18.97	<=30	Pass



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### 4. Maximum Power Spectral Density

#### 4.1 Test Result

##### 4.1.1 PSD

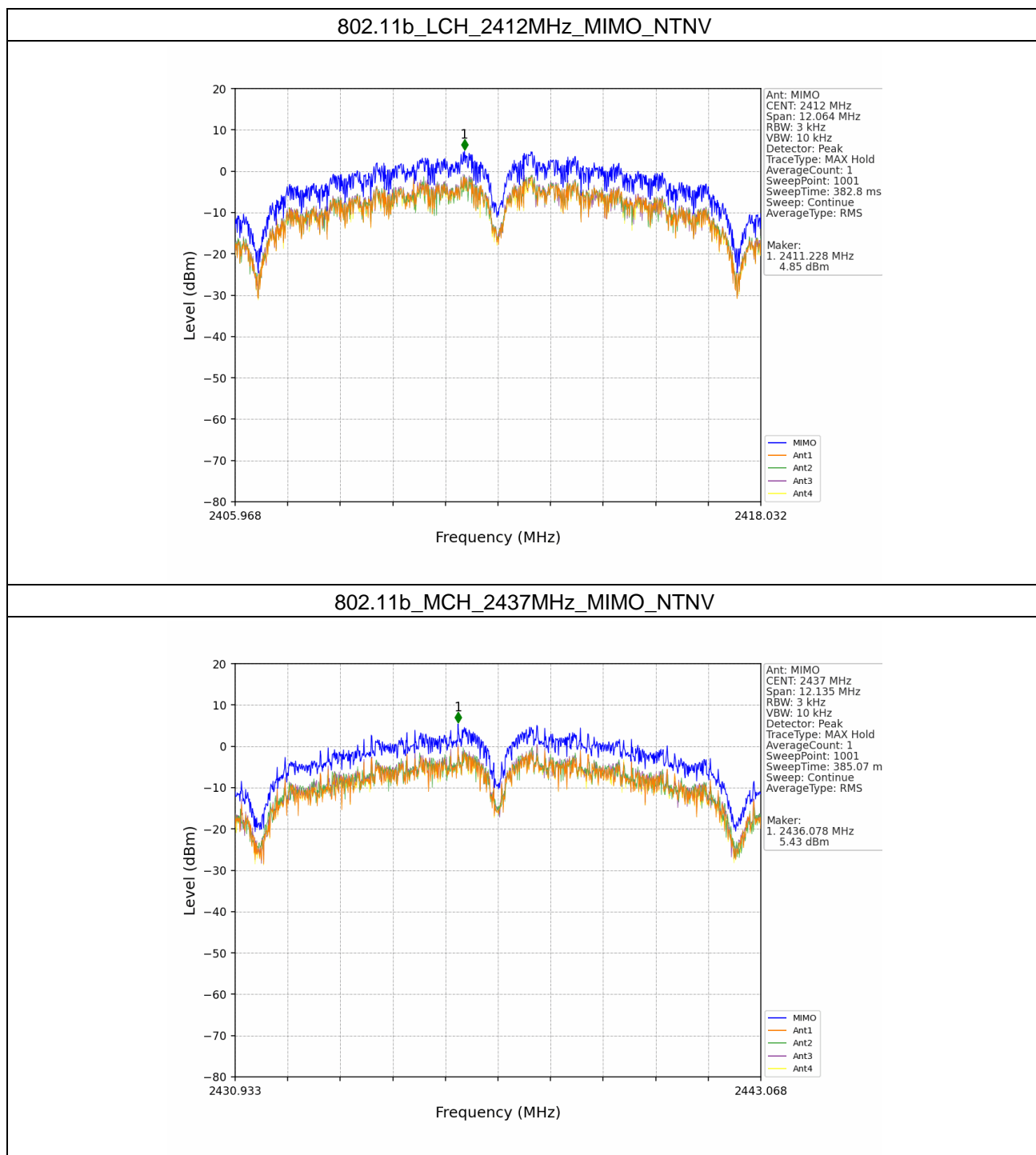
Mode	TX Type	Frequency (MHz)	RU	RU Pos	Maximum PSD (dBm/3kHz)						Verdict
					ANT1	ANT2	ANT3	ANT4	MIMO	Limit	
802.11b	MIMO	2412	/	/	-1.39	-0.99	-0.77	-1.42	4.85	<=8	Pass
		2437	/	/	-0.14	-0.30	0.54	-0.19	5.43	<=8	Pass
		2462	/	/	-1.13	-0.25	-0.60	-1.29	4.98	<=8	Pass
802.11g	MIMO	2412	/	/	-6.37	-6.81	-6.51	-6.78	-1.65	<=8	Pass
		2437	/	/	-4.77	-3.70	-4.61	-4.89	0.31	<=8	Pass
		2462	/	/	-10.04	-8.39	-9.58	-8.20	-4.51	<=8	Pass
802.11n (HT20)	MIMO	2412	/	/	-7.44	-6.38	-6.78	-7.41	-2.42	<=8	Pass
		2437	/	/	-3.92	-4.01	-4.12	-4.66	0.72	<=8	Pass
		2462	/	/	-9.16	-9.72	-9.74	-9.62	-4.56	<=8	Pass
802.11n (HT40)	MIMO	2422	/	/	-12.39	-12.17	-12.15	-12.54	-7.19	<=8	Pass
		2437	/	/	-10.24	-10.05	-10.12	-10.32	-5.23	<=8	Pass
		2452	/	/	-14.01	-13.78	-13.45	-14.66	-8.85	<=8	Pass
802.11ax (HEW20)	MIMO	2412	RU52	Left	-1.07	0.02	-1.91	-1.41	3.50	<=8	Pass
			RU242	Left	-6.08	-6.55	-6.53	-7.54	-2.04	<=8	Pass
		2437	RU52	Mid	1.50	2.61	3.67	2.88	7.75	<=8	Pass
			RU242	Left	-4.92	-5.13	-3.39	-5.49	0.55	<=8	Pass
		2462	RU52	Right	-2.24	-0.63	-2.34	-2.02	3.56	<=8	Pass
			RU242	Left	-7.41	-7.24	-7.61	-6.96	-2.12	<=8	Pass
802.11ax (HEW40)	MIMO	2422	RU52	Left	-5.35	-4.66	-4.96	-5.81	-0.38	<=8	Pass
			RU484	Left	-12.55	-10.11	-11.11	-11.45	-6.32	<=8	Pass
		2437	RU52	Mid	-1.29	0.18	0.12	-0.71	4.42	<=8	Pass
			RU484	Left	-9.59	-9.40	-9.89	-9.59	-5.39	<=8	Pass
		2452	RU52	Right	-6.91	-8.25	-8.02	-7.53	-2.46	<=8	Pass
			RU484	Left	-13.86	-14.34	-12.54	-14.50	-9.73	<=8	Pass



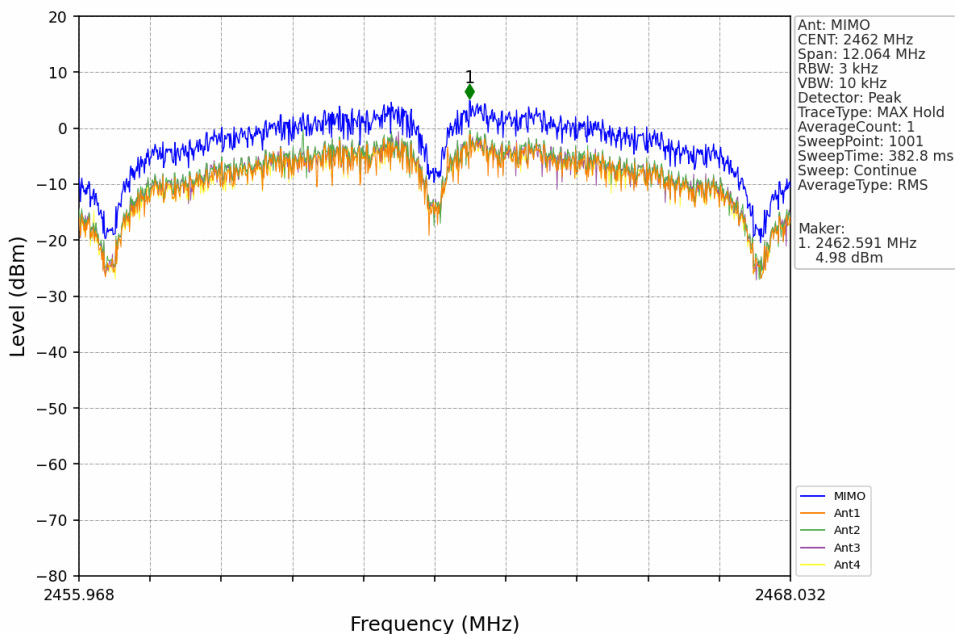


### 4.2 Test Graph

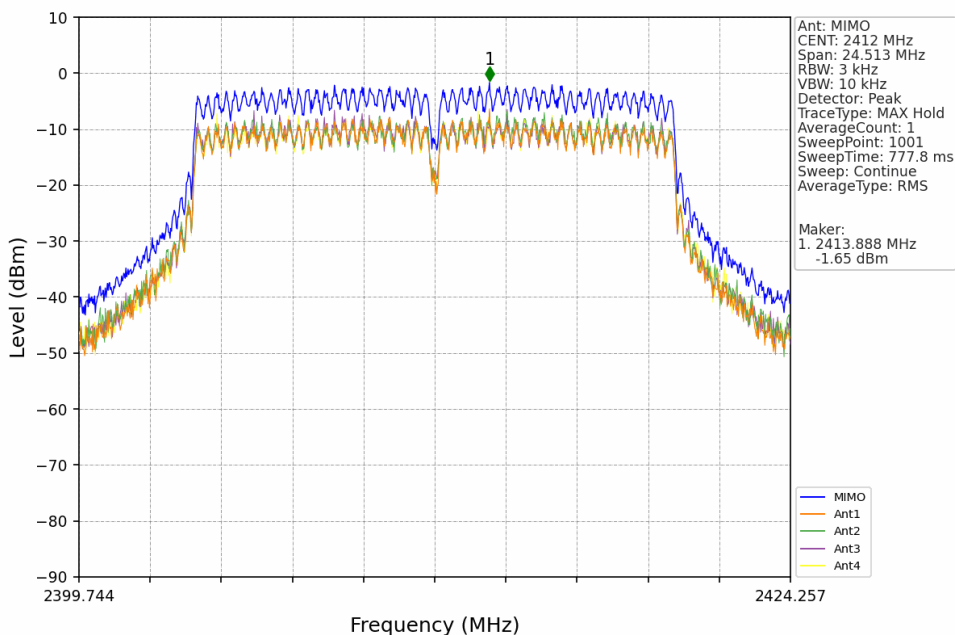
#### 4.2.1 PSD



802.11b\_HCH\_2462MHz\_MIMO\_NTNV



802.11g\_LCH\_2412MHz\_MIMO\_NTNV



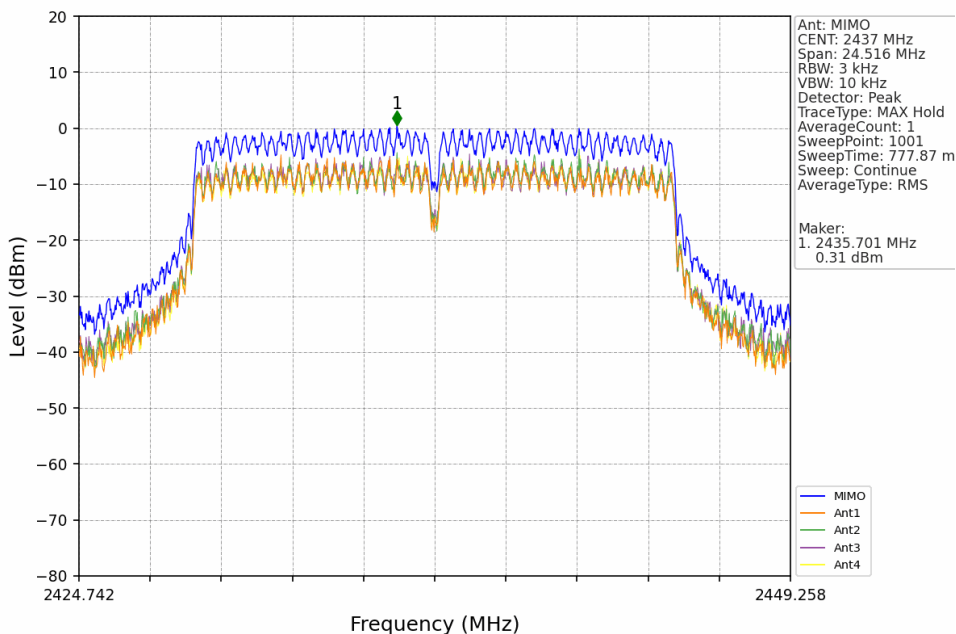
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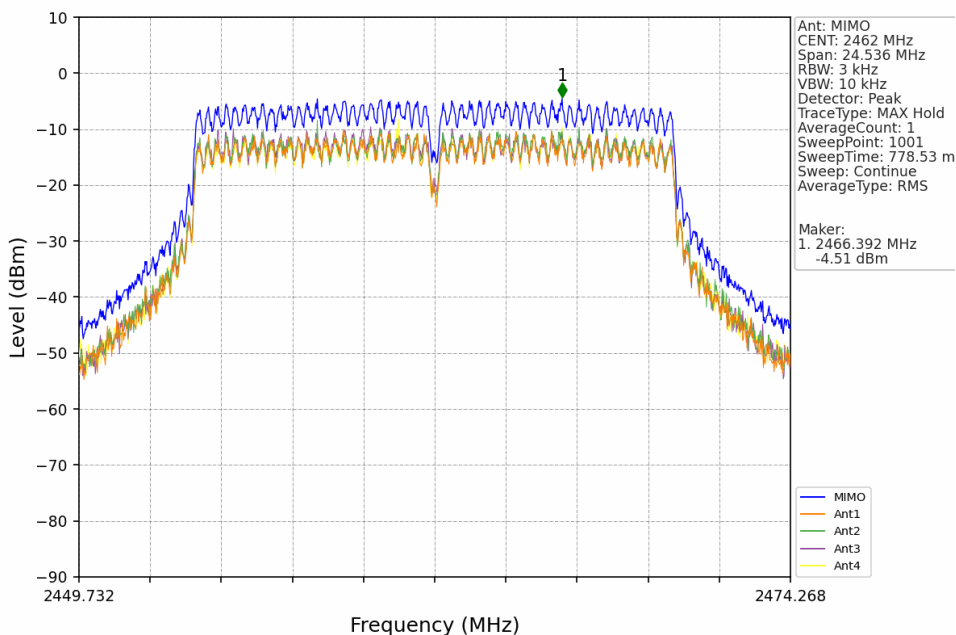
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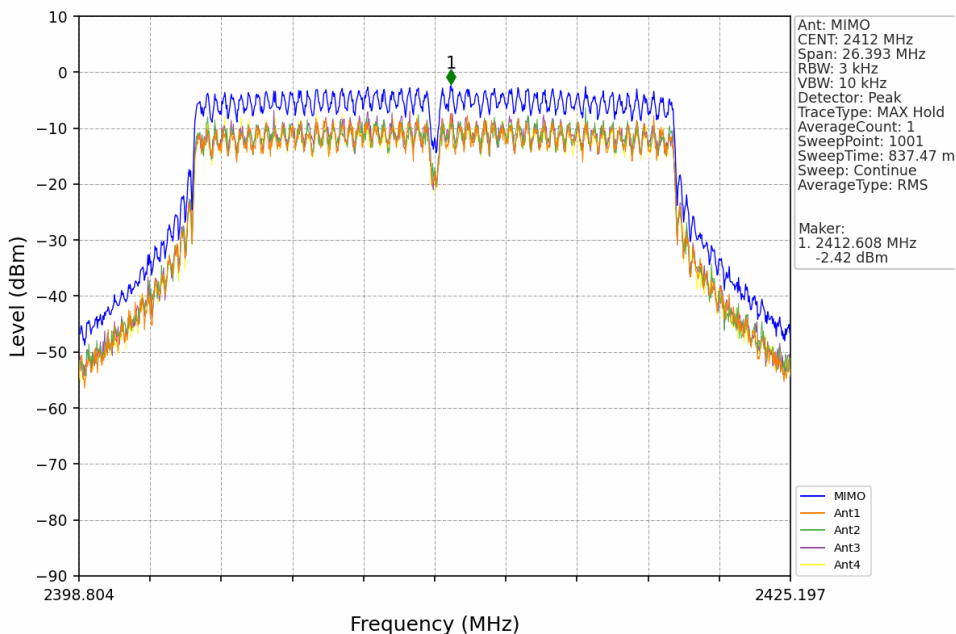
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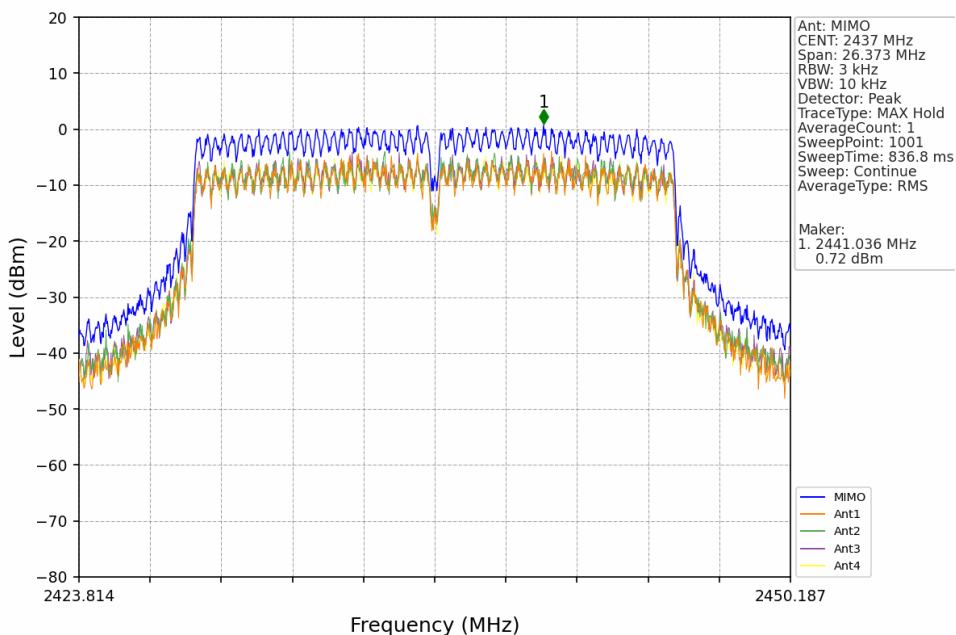
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### 802.11n(HT20)\_LCH\_2412MHz\_MIMO\_NTNV

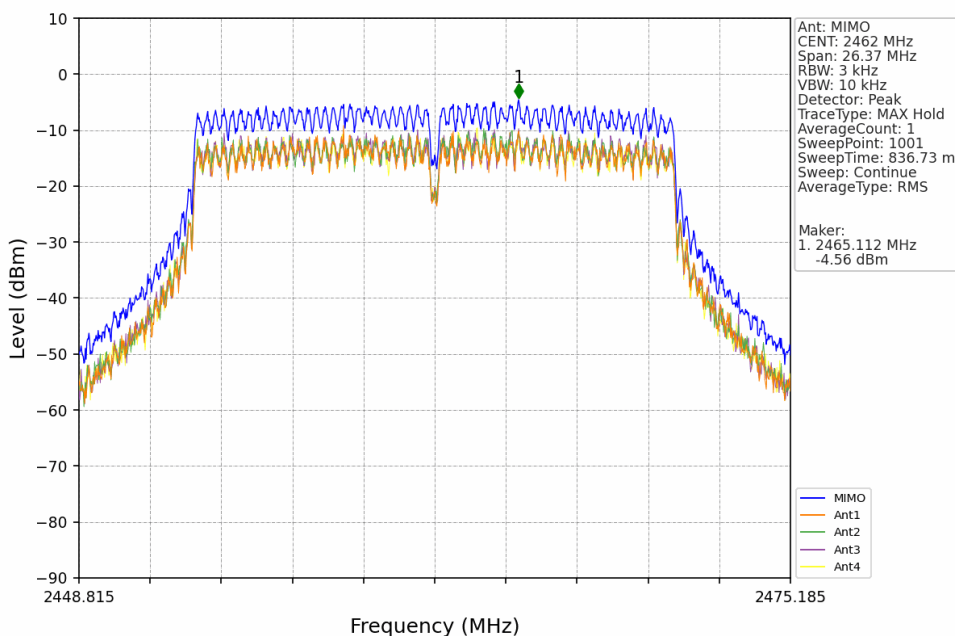


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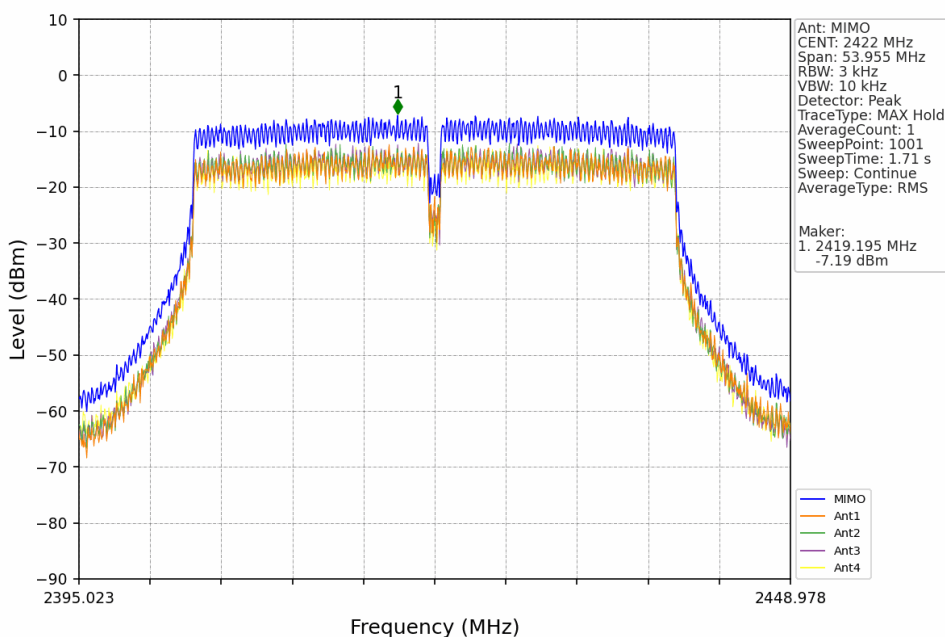




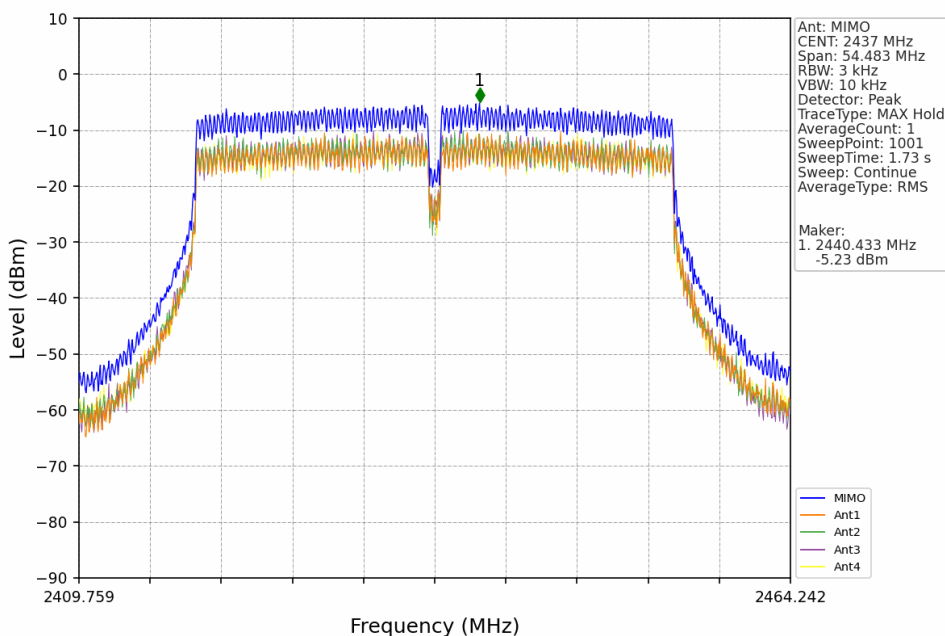
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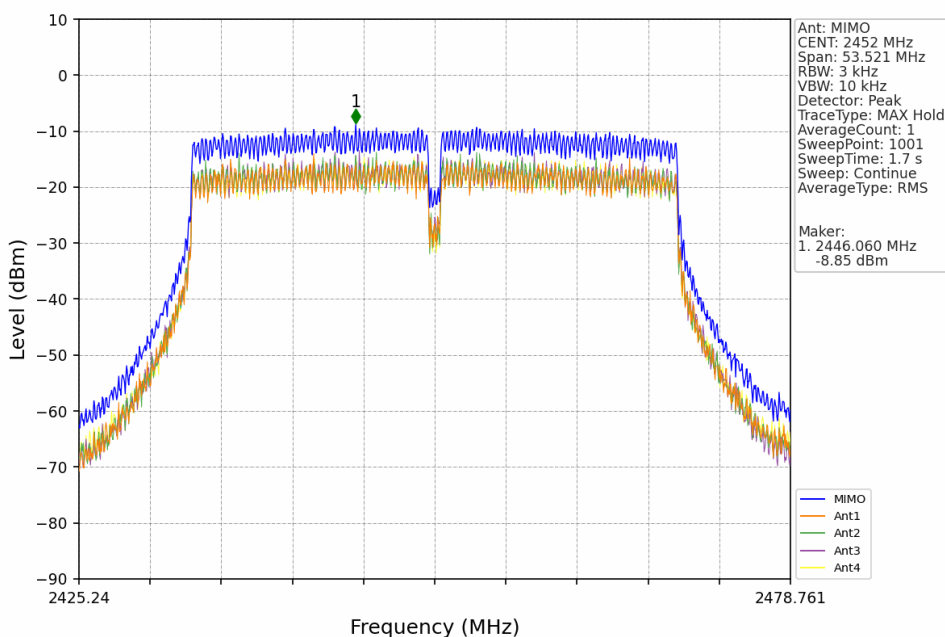
### 802.11n(HT40)\_LCH\_2422MHz\_MIMO\_NTNV



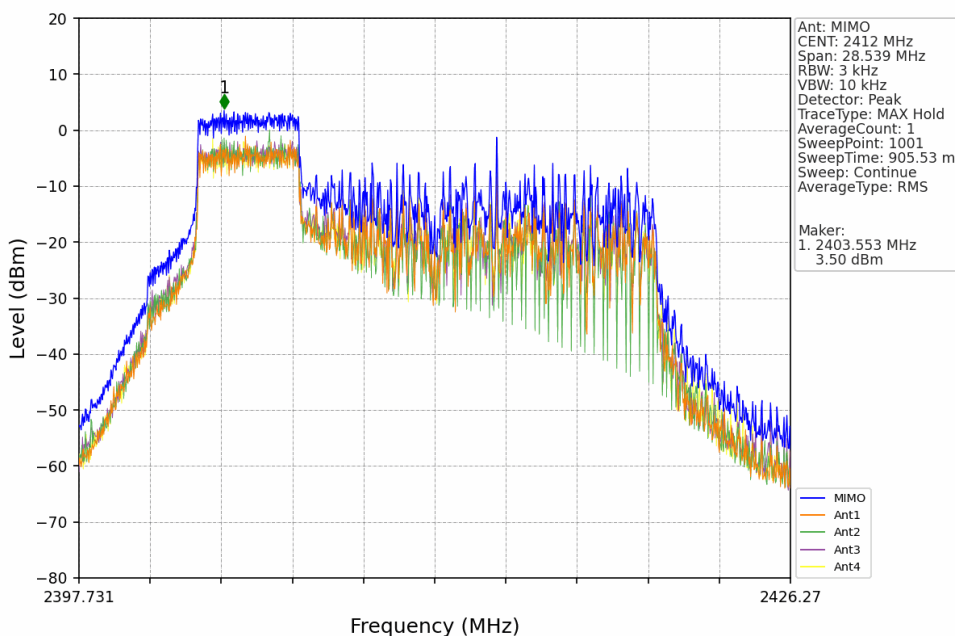
802.11n(HT40)\_MCH\_2437MHz\_MIMO\_NTNV



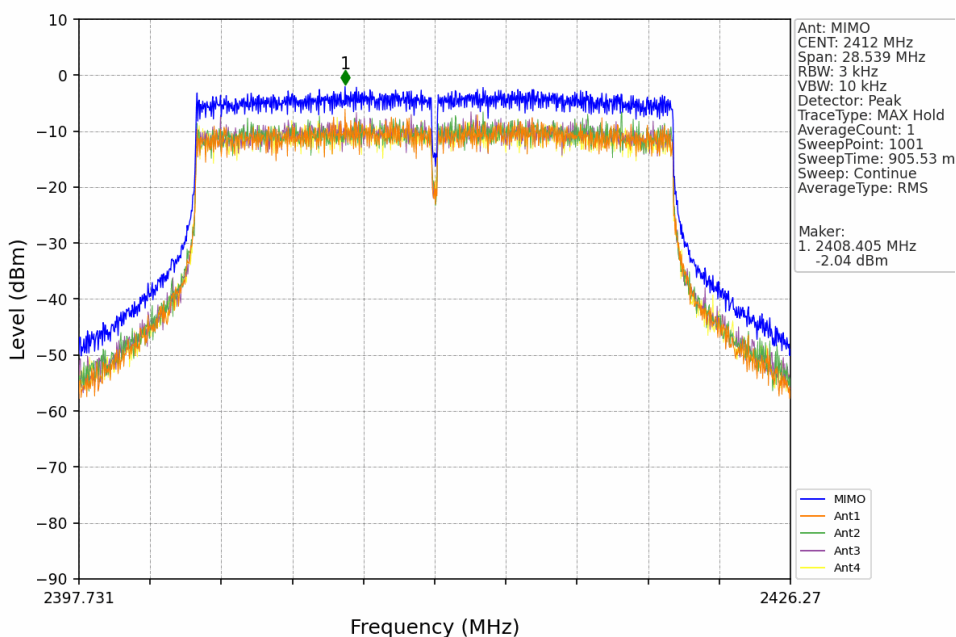
802.11n(HT40)\_HCH\_2452MHz\_MIMO\_NTNV



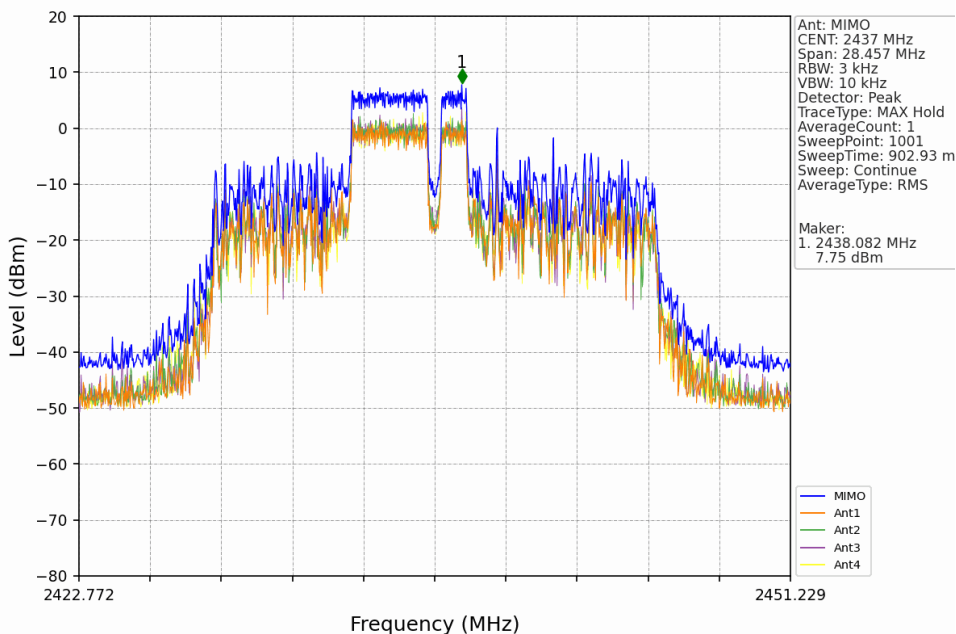
802.11ax(HEW20)\_LCH\_2412MHz\_RU52\_Left\_MIMO\_NTNV



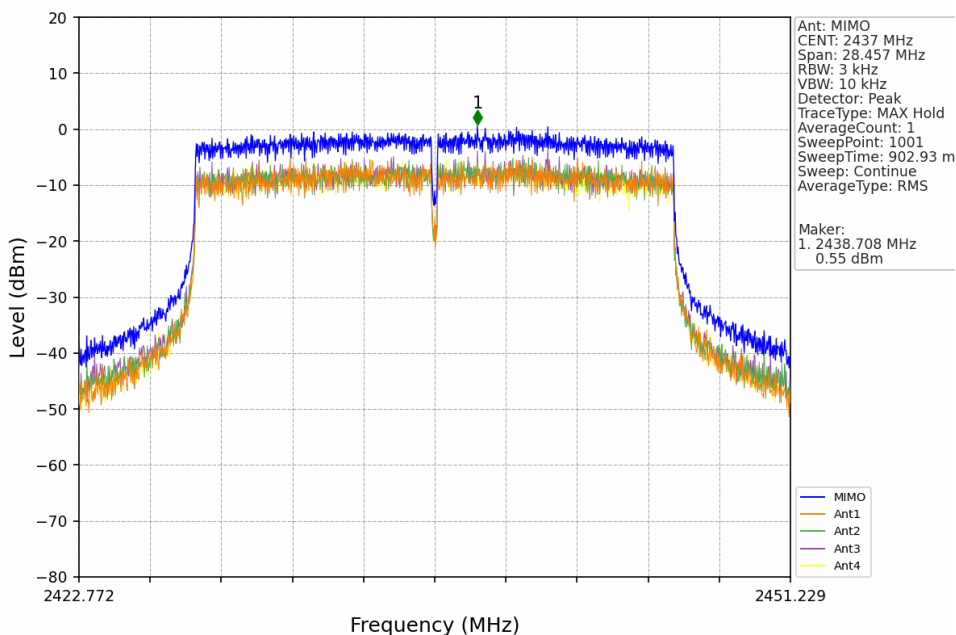
802.11ax(HEW20)\_LCH\_2412MHz\_RU242\_Left\_MIMO\_NTNV



### 802.11ax(HEW20)\_MCH\_2437MHz\_RU52\_Mid\_MIMO\_NTNV



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



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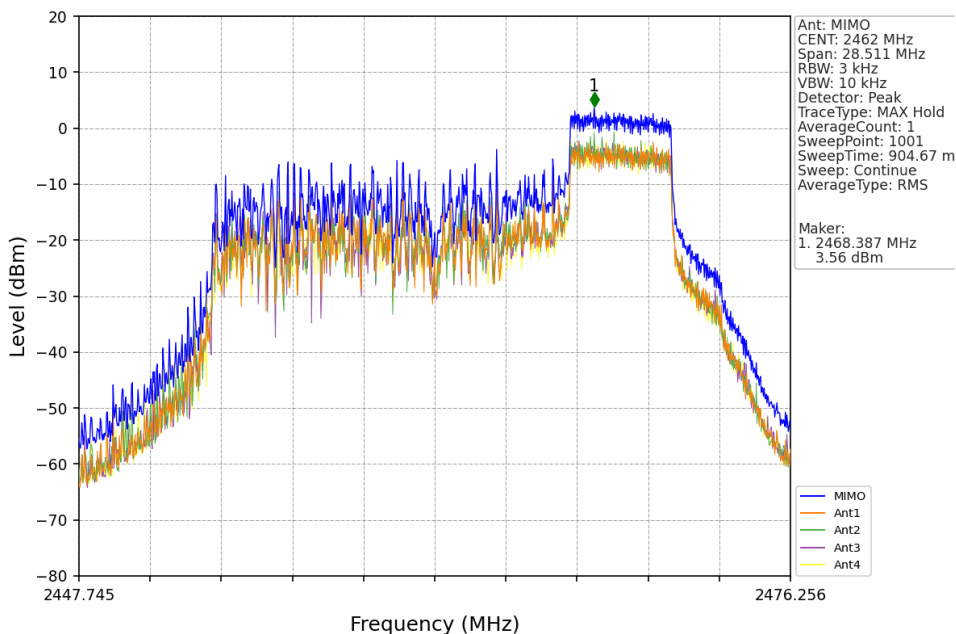
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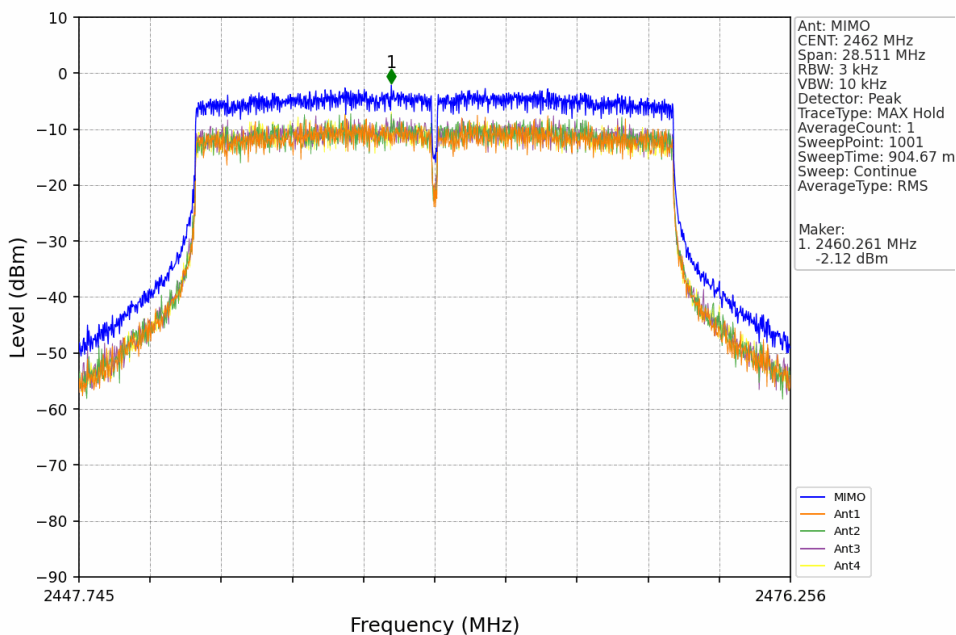
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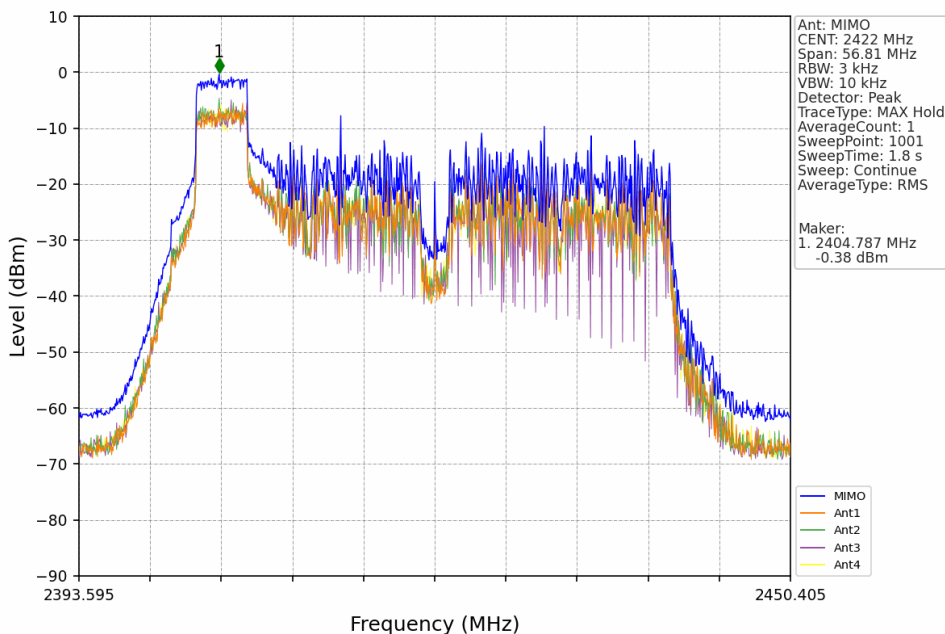
802.11ax(HEW20)\_HCH\_2462MHz\_RU52\_Right\_MIMO\_NTNV



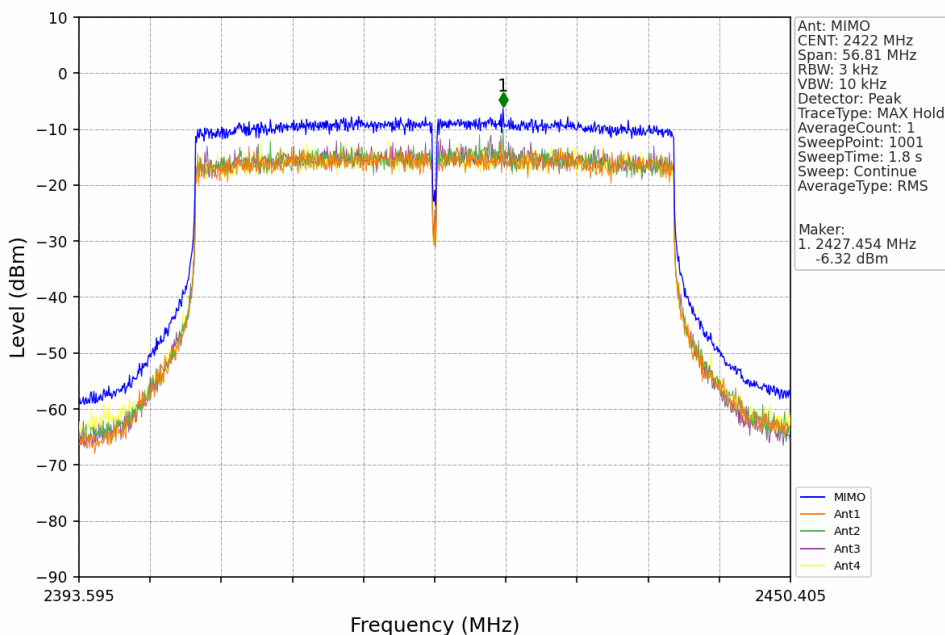
802.11ax(HEW20)\_HCH\_2462MHz\_RU242\_Left\_MIMO\_NTNV



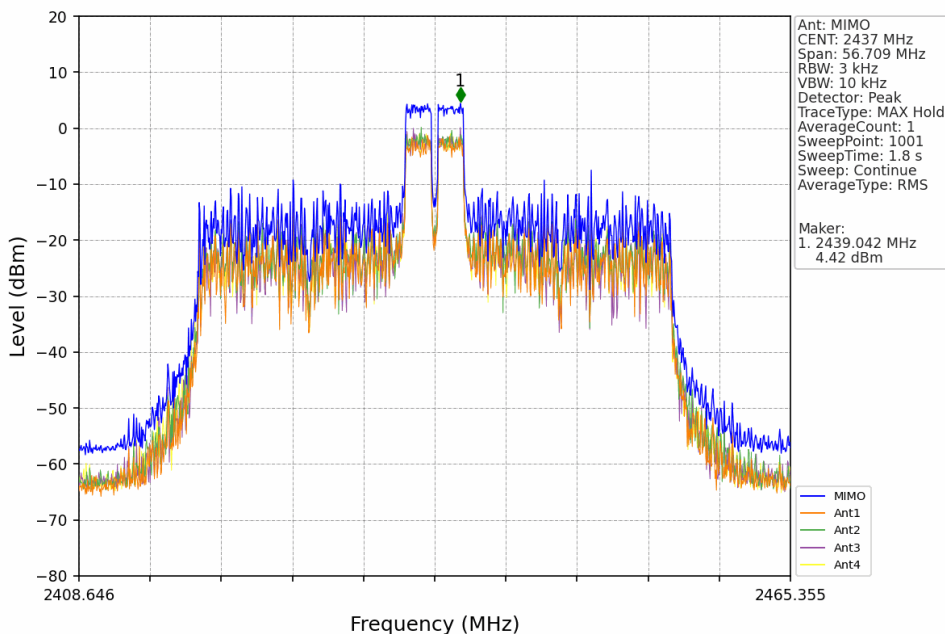
802.11ax(HEW40)\_LCH\_2422MHz\_RU52\_Left\_MIMO\_NTNV



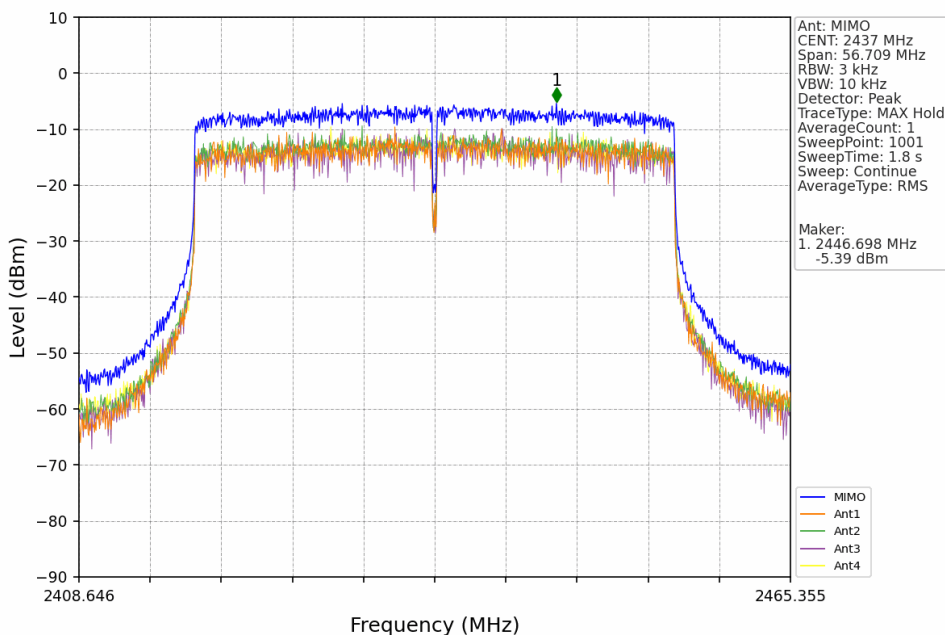
802.11ax(HEW40)\_LCH\_2422MHz\_RU484\_Left\_MIMO\_NTNV



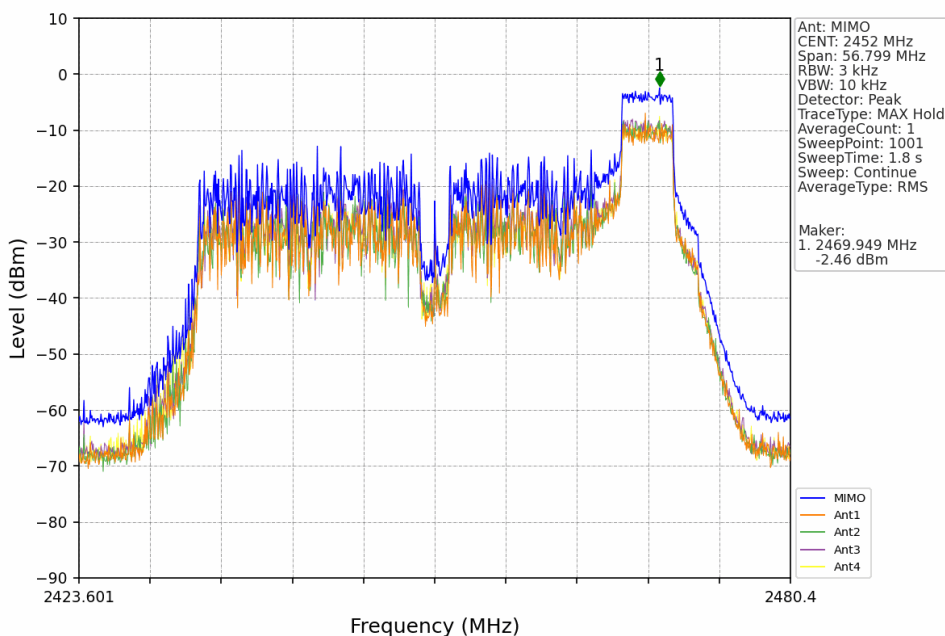
802.11ax(HEW40)\_MCH\_2437MHz\_RU52\_Mid\_MIMO\_NTNV



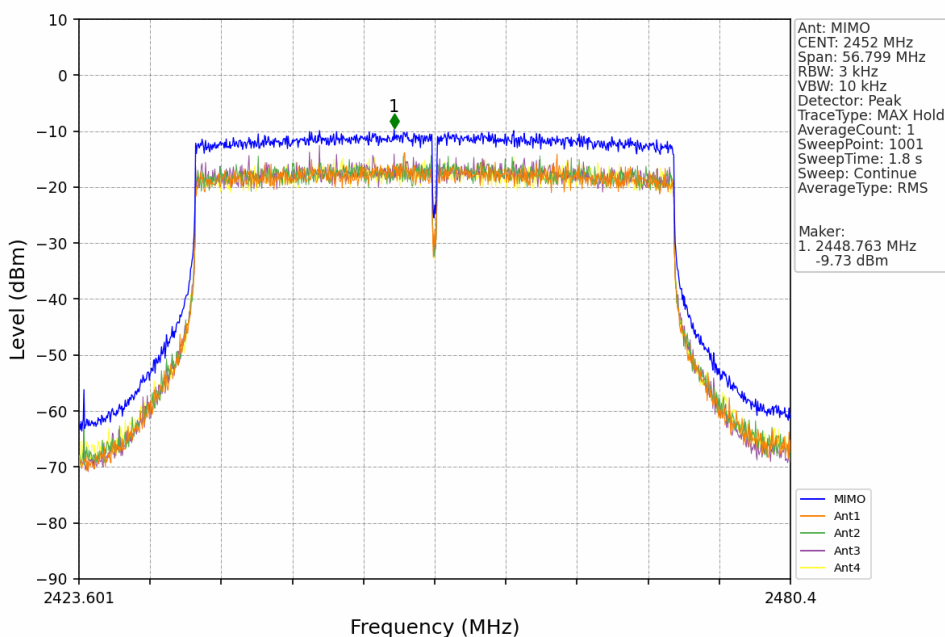
802.11ax(HEW40)\_MCH\_2437MHz\_RU484\_Left\_MIMO\_NTNV



802.11ax(HEW40)\_HCH\_2452MHz\_RU52\_Right\_MIMO\_NTNV



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





### 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	MIMO	2412	/	/	1	13.80
					2	14.27
					3	14.42
					4	13.66
		2437	/	/	1	14.01
					2	14.79
					3	14.53
					4	13.87
		2462	/	/	1	14.20
					2	14.90
					3	14.80
					4	14.06
802.11g	MIMO	2412	/	/	1	9.49
					2	10.04
					3	9.64
					4	9.52
		2437	/	/	1	11.79
					2	12.28
					3	12.13
					4	11.78
		2462	/	/	1	6.83
					2	7.65
					3	7.73
					4	7.06



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802.11n (HT20)	MIMO	2412	/	/	1	8.27
					2	8.69
					3	8.99
					4	8.43
		2437	/	/	1	11.82
					2	12.30
					3	11.66
					4	11.61
		2462	/	/	1	5.87
					2	6.03
					3	6.73
					4	6.03
802.11n (HT40)	MIMO	2422	/	/	1	3.07
					2	4.13
					3	3.89
					4	3.73
		2437	/	/	1	5.21
					2	5.90
					3	5.57
					4	5.20
		2452	/	/	1	1.05
					2	1.84
					3	1.86
					4	1.08
802.11ax (HEW20)	MIMO	2412	RU52	Left	1	11.35
					2	11.86
					3	12.41
					4	11.14
		RU242	Left	Left	1	8.24
					2	8.19
					3	9.08
					4	8.18
		2437	RU52	Mid	1	14.68



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					2	14.94
					3	15.07
					4	14.72
					1	10.74
					2	10.64
					3	11.43
					4	10.86
					1	10.72
					2	12.24
					3	11.88
					4	11.49
					1	7.69
					2	8.32
					3	8.17
					4	8.14
802.11ax (HEW40)	MIMO	2462	RU242	Left	1	7.44
					2	8.22
					3	8.35
					4	7.59
			RU52	Right	1	10.74
					2	10.64
					3	11.43
					4	10.86
		2422	RU242	Left	1	7.44
					2	8.22
					3	8.35
					4	7.59
			RU484	Left	1	2.25
					2	3.41
					3	3.40
					4	2.92
		2437	RU52	Mid	1	12.96
					2	13.13
					3	13.38
					4	12.78
			RU484	Left	1	5.29
					2	6.02
					3	5.82
					4	5.08
		2452	RU52	Right	1	4.92
					2	5.35
					3	6.09
					4	4.87
			RU484	Left	1	0.71
					2	1.53
					3	0.79
					4	0.85



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### 5.1.2 CSE

Mode	TX Type	Frequency (MHz)	RU	RU Pos	ANT	Level of Reference (dBm)	Limit (dBm)	Verdict
802.11b	MIMO	2412	/	/	1	14.20	-15.80	Pass
					2	14.90	-15.10	Pass
					3	14.80	-15.20	Pass
					4	14.06	-15.94	Pass
		2437	/	/	1	14.20	-15.80	Pass
					2	14.90	-15.10	Pass
					3	14.80	-15.20	Pass
					4	14.06	-15.94	Pass
		2462	/	/	1	14.20	-15.80	Pass
					2	14.90	-15.10	Pass
					3	14.80	-15.20	Pass
					4	14.06	-15.94	Pass
802.11g	MIMO	2412	/	/	1	11.79	-18.21	Pass
					2	12.28	-17.72	Pass
					3	12.13	-17.87	Pass
					4	11.78	-18.22	Pass
		2437	/	/	1	11.79	-18.21	Pass
					2	12.28	-17.72	Pass
					3	12.13	-17.87	Pass
					4	11.78	-18.22	Pass
		2462	/	/	1	11.79	-18.21	Pass
					2	12.28	-17.72	Pass
					3	12.13	-17.87	Pass
					4	11.78	-18.22	Pass
802.11n (HT20)	MIMO	2412	/	/	1	11.82	-18.18	Pass
					2	12.30	-17.70	Pass
					3	11.66	-18.34	Pass
					4	11.61	-18.39	Pass
		2437	/	/	1	11.82	-18.18	Pass
					2	12.30	-17.70	Pass
					3	11.66	-18.34	Pass
					4	11.61	-18.39	Pass
		2462	/	/	1	11.82	-18.18	Pass
					2	12.30	-17.70	Pass
					3	11.66	-18.34	Pass
					4	11.61	-18.39	Pass
802.11n	MIMO	2422	/	/	1	5.21	-24.79	Pass



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(HT40)					2	5.90	-24.10	Pass
					3	5.57	-24.43	Pass
					4	5.20	-24.80	Pass
					1	5.21	-24.79	Pass
		2437	/	/	2	5.90	-24.10	Pass
					3	5.57	-24.43	Pass
					4	5.20	-24.80	Pass
					1	5.21	-24.79	Pass
		2452	/	/	2	5.90	-24.10	Pass
					3	5.57	-24.43	Pass
					4	5.20	-24.80	Pass
					1	5.21	-24.79	Pass
802.11ax (HEW20)	MIMO	2412	RU52	Left	1	14.68	-15.32	Pass
					2	14.94	-15.06	Pass
					3	15.07	-14.93	Pass
					4	14.72	-15.28	Pass
			RU242	Left	1	14.68	-15.32	Pass
					2	14.94	-15.06	Pass
					3	15.07	-14.93	Pass
					4	14.72	-15.28	Pass
		2437	RU52	Mid	1	14.68	-15.32	Pass
					2	14.94	-15.06	Pass
					3	15.07	-14.93	Pass
					4	14.72	-15.28	Pass
			RU242	Left	1	10.74	-19.26	Pass
					2	10.64	-19.36	Pass
					3	11.43	-18.57	Pass
					4	10.86	-19.14	Pass
		2462	RU52	Right	1	10.72	-19.28	Pass
					2	12.24	-17.76	Pass
					3	11.88	-18.12	Pass
					4	11.49	-18.51	Pass
			RU242	Left	1	7.69	-22.31	Pass
					2	8.32	-21.68	Pass
					3	8.17	-21.83	Pass
					4	8.14	-21.86	Pass
802.11ax (HEW40)	MIMO	2422	RU52	Left	1	7.44	-22.56	Pass
					2	8.22	-21.78	Pass
					3	8.35	-21.65	Pass
					4	7.59	-22.41	Pass
			RU484	Left	1	2.25	-27.75	Pass



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					2	3.41	-26.59	Pass
					3	3.40	-26.60	Pass
					4	2.92	-27.08	Pass
		2437	RU52	Mid	1	12.96	-17.04	Pass
					2	13.13	-16.87	Pass
					3	13.38	-16.62	Pass
					4	12.78	-17.22	Pass
			RU484	Left	1	5.29	-24.71	Pass
					2	6.02	-23.98	Pass
					3	5.82	-24.18	Pass
					4	5.08	-24.92	Pass
		2452	RU52	Right	1	4.92	-25.08	Pass
					2	5.35	-24.65	Pass
					3	6.09	-23.91	Pass
					4	4.87	-25.13	Pass
			RU484	Left	1	0.71	-29.29	Pass
					2	1.53	-28.47	Pass
					3	0.79	-29.21	Pass
					4	0.85	-29.15	Pass



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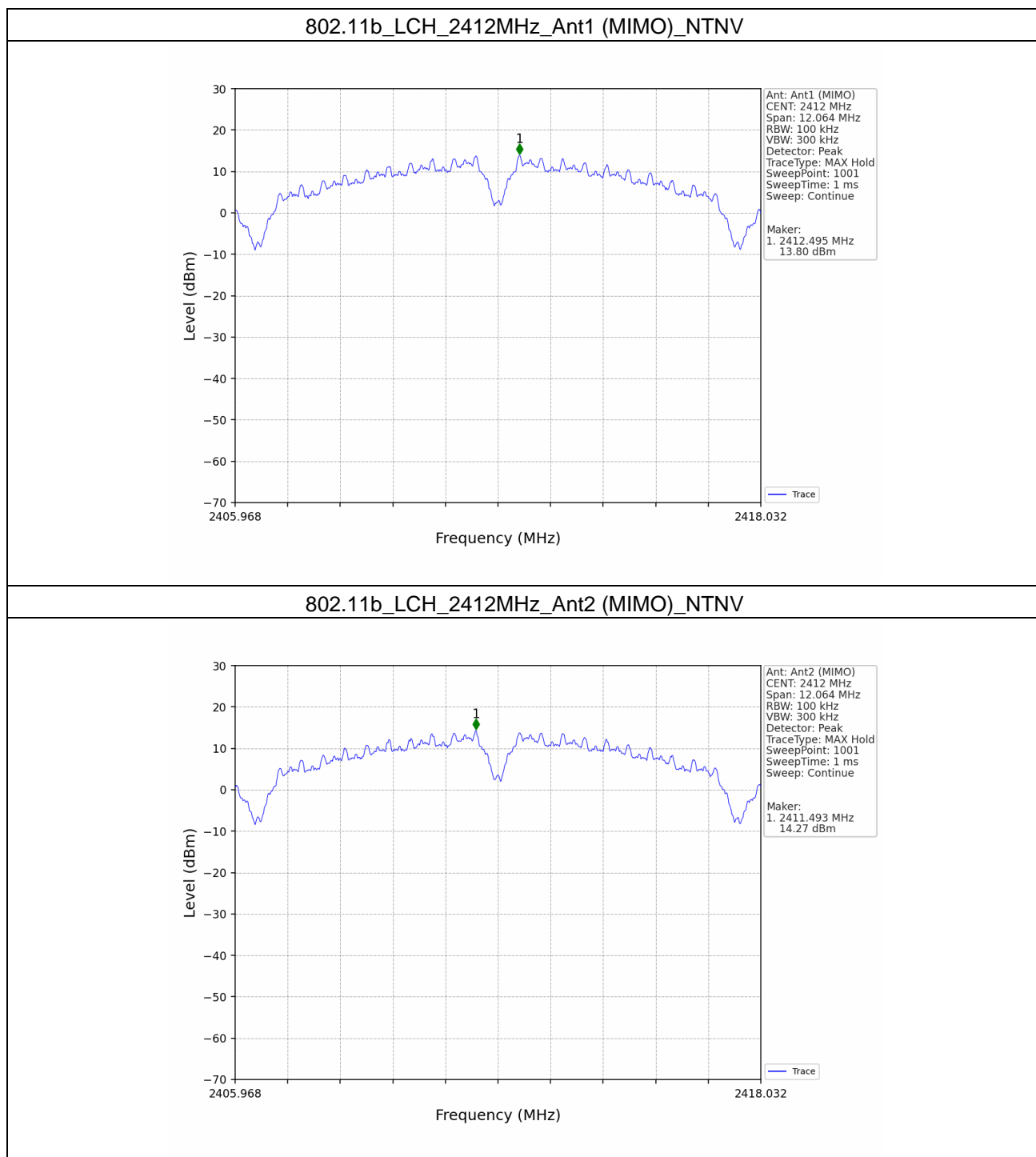
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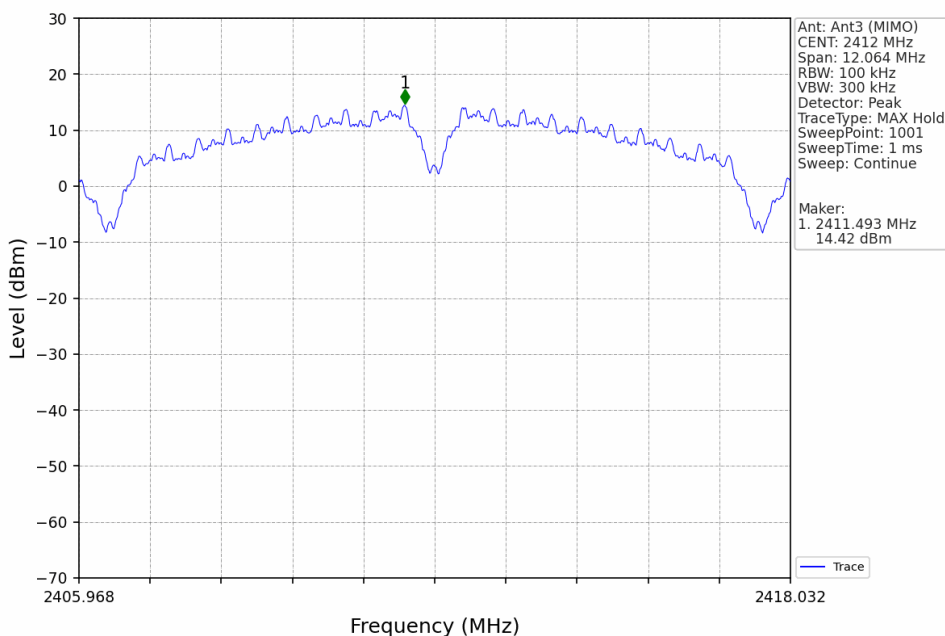
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### 5.2 Test Graph

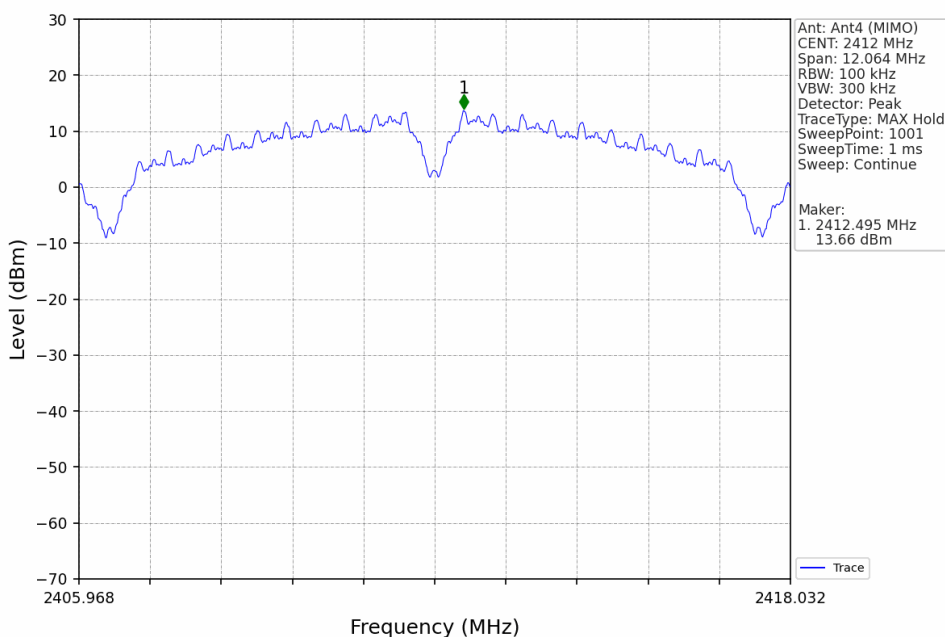
#### 5.2.1 Ref



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

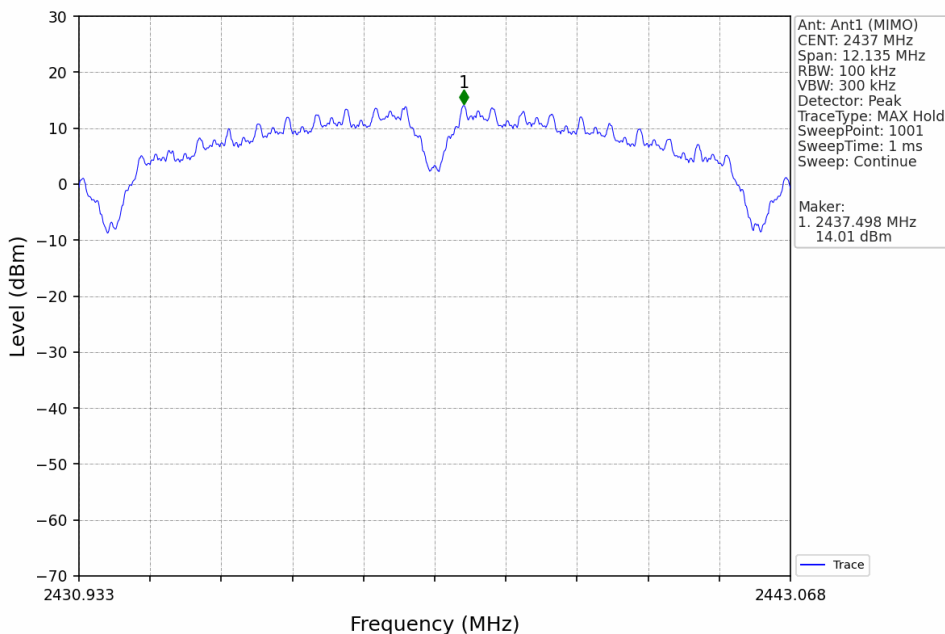


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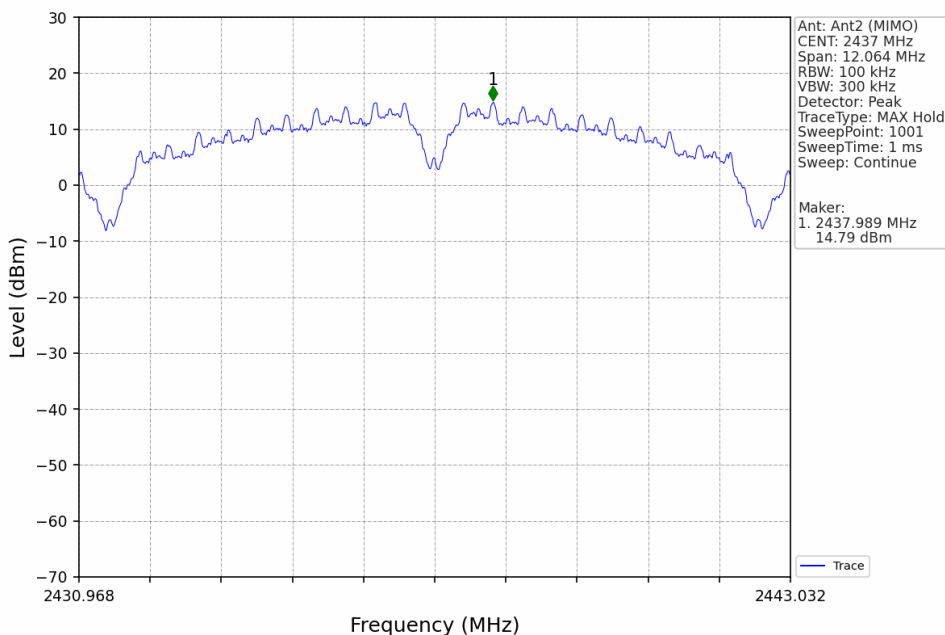




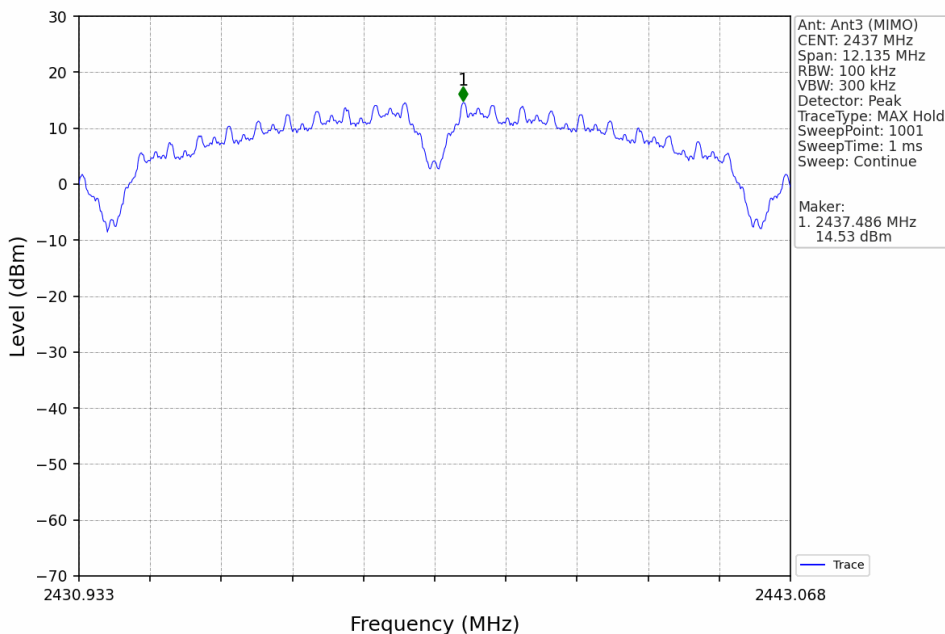
### 802.11b\_MCH\_2437MHz\_Ant1 (MIMO)\_NTNV



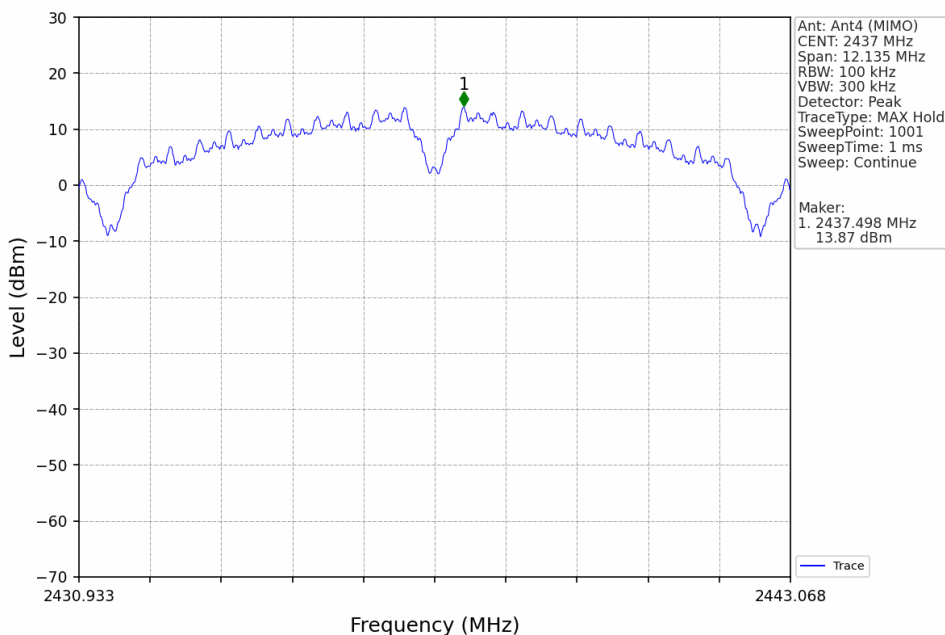
### 802.11b\_MCH\_2437MHz\_Ant2 (MIMO)\_NTNV



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



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



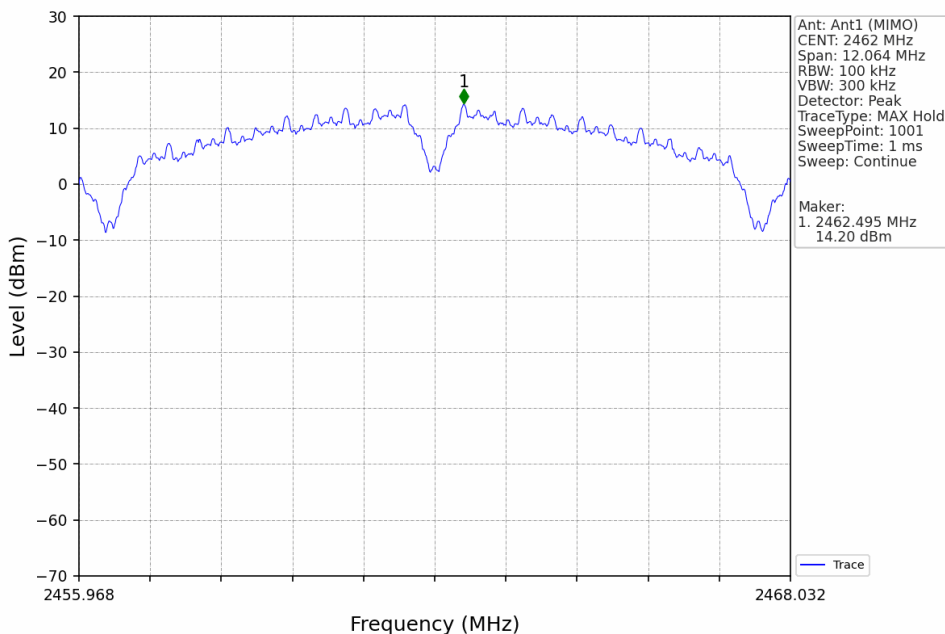
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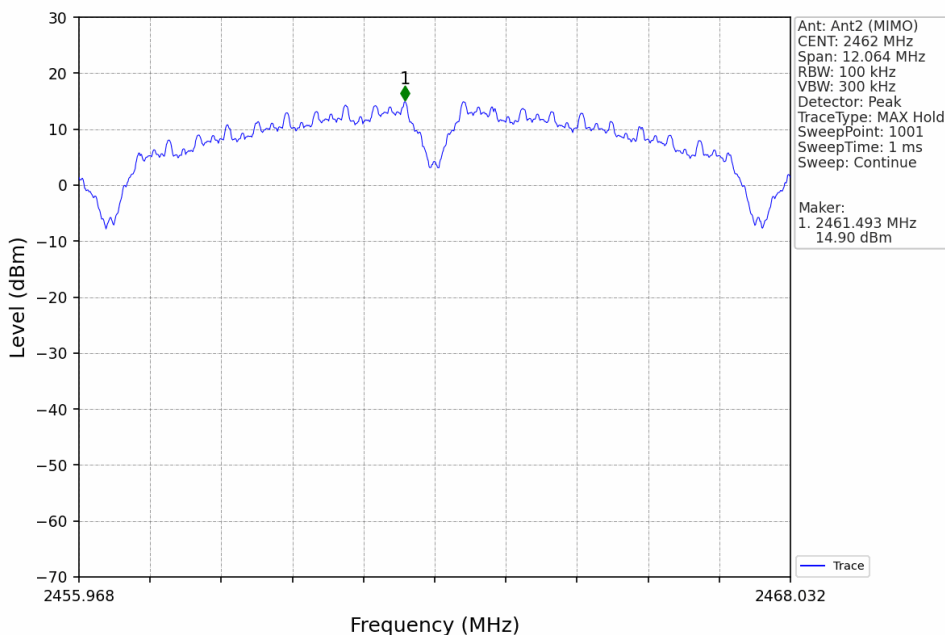
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### 802.11b\_HCH\_2462MHz\_Ant1 (MIMO)\_NTNV



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



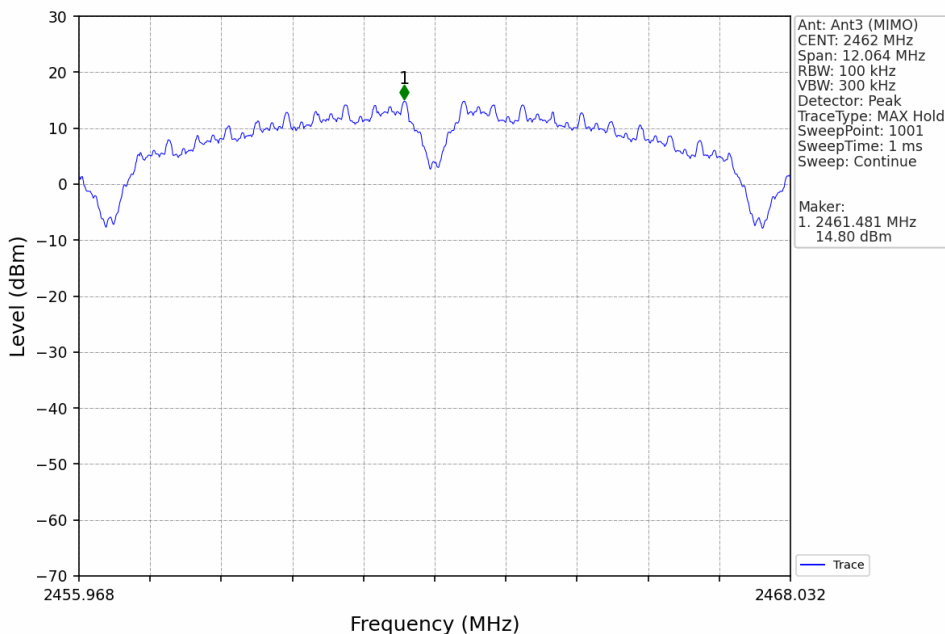
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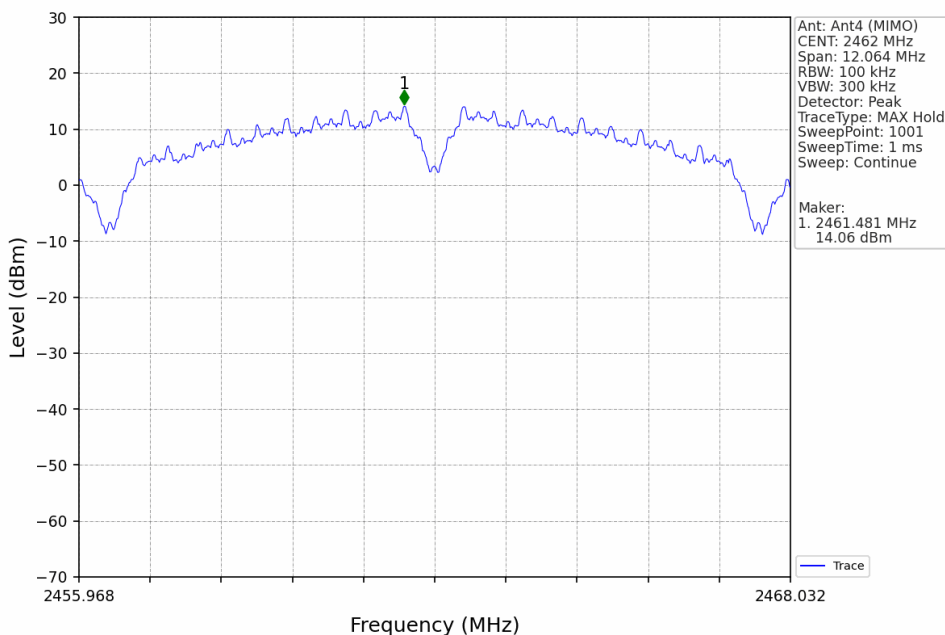
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802.11b\_HCH\_2462MHz\_Ant3 (MIMO)\_NTNV



802.11b\_HCH\_2462MHz\_Ant4 (MIMO)\_NTNV

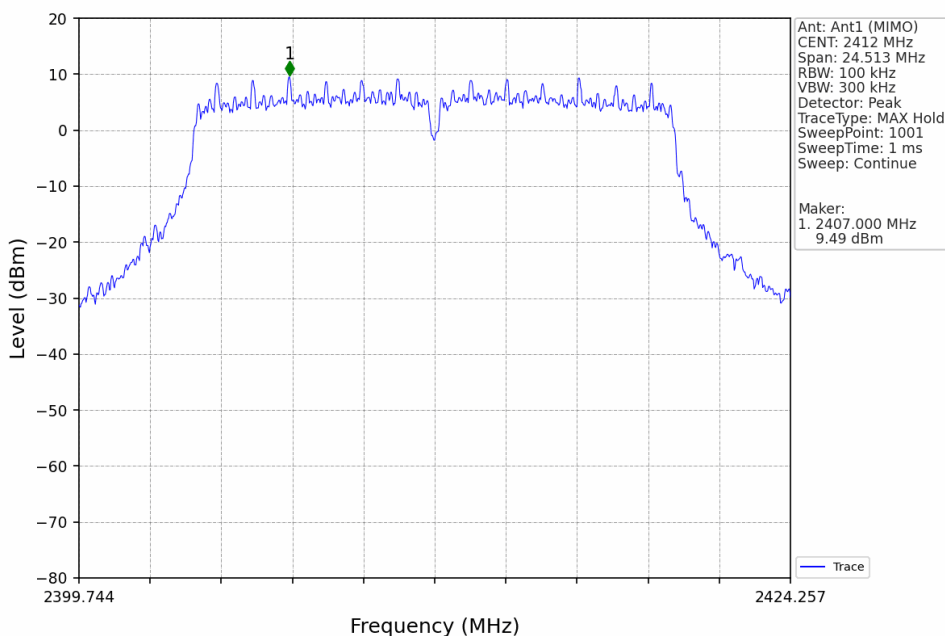


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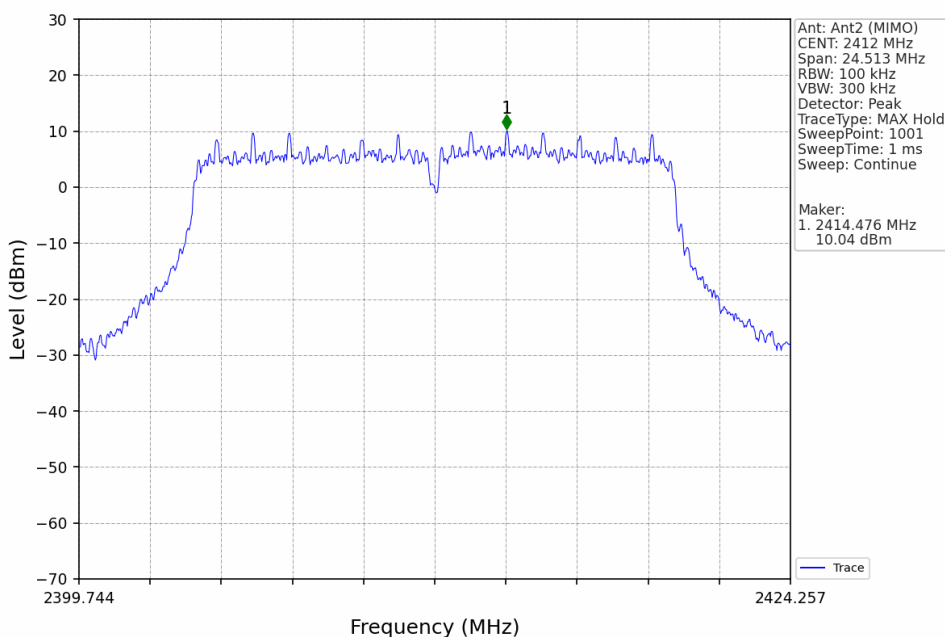
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802.11g\_LCH\_2412MHz\_Ant1 (MIMO)\_NTNV



802.11g\_LCH\_2412MHz\_Ant2 (MIMO)\_NTNV



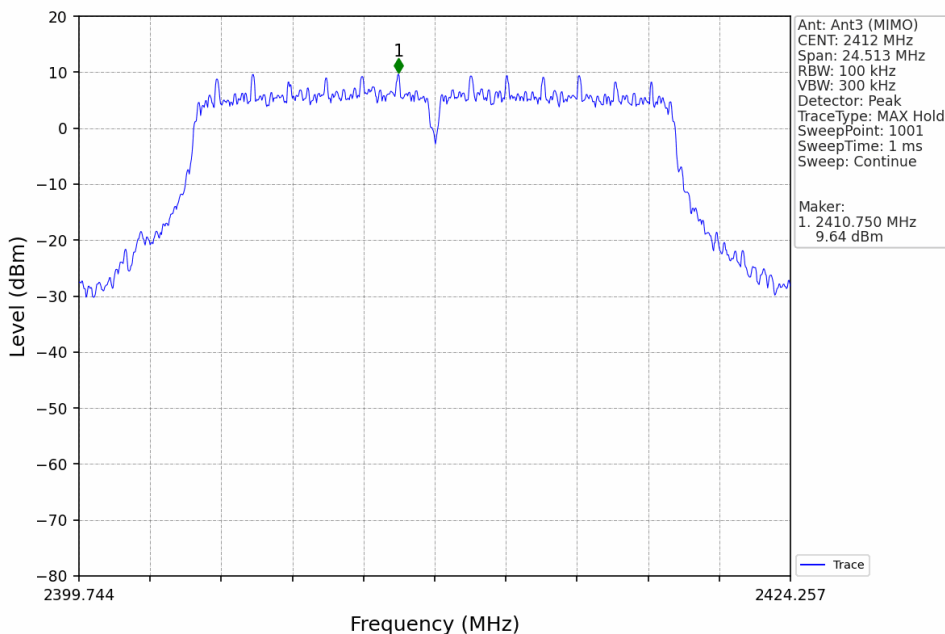
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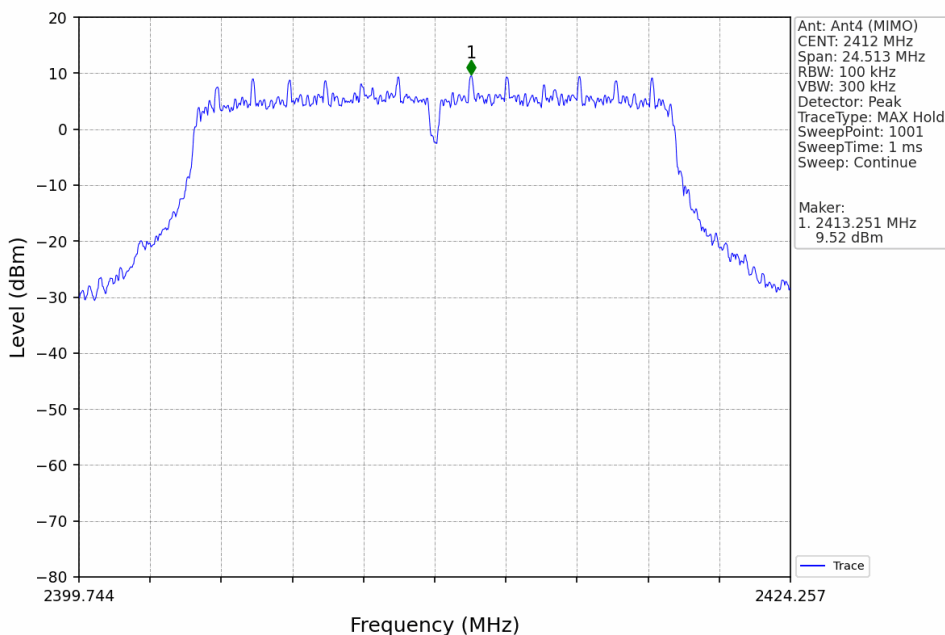
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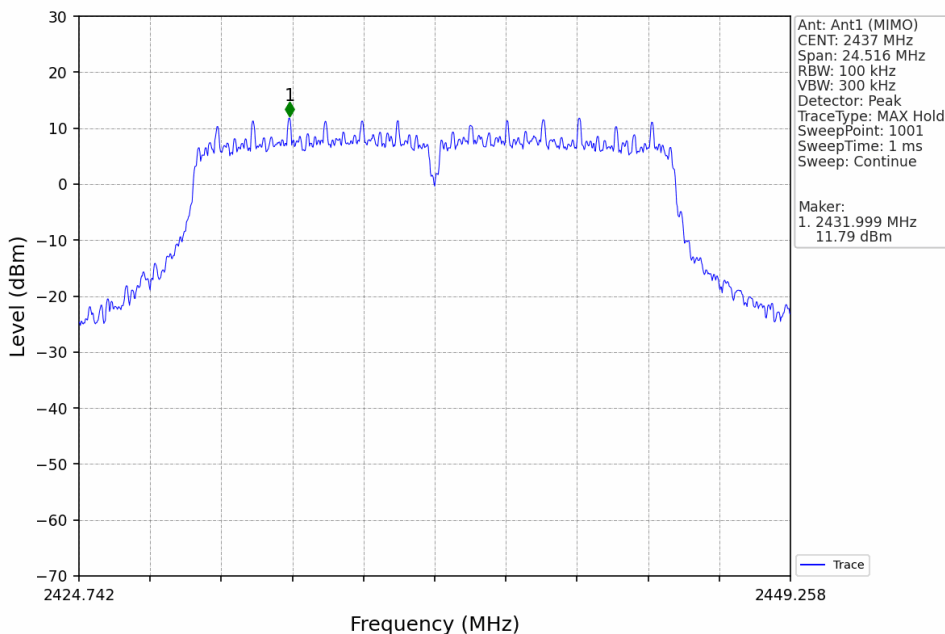
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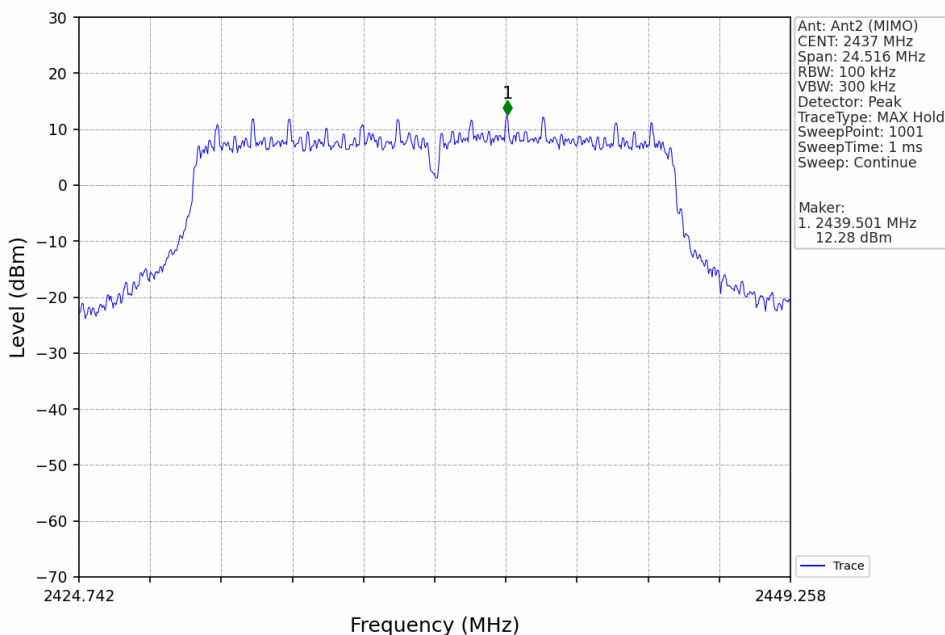
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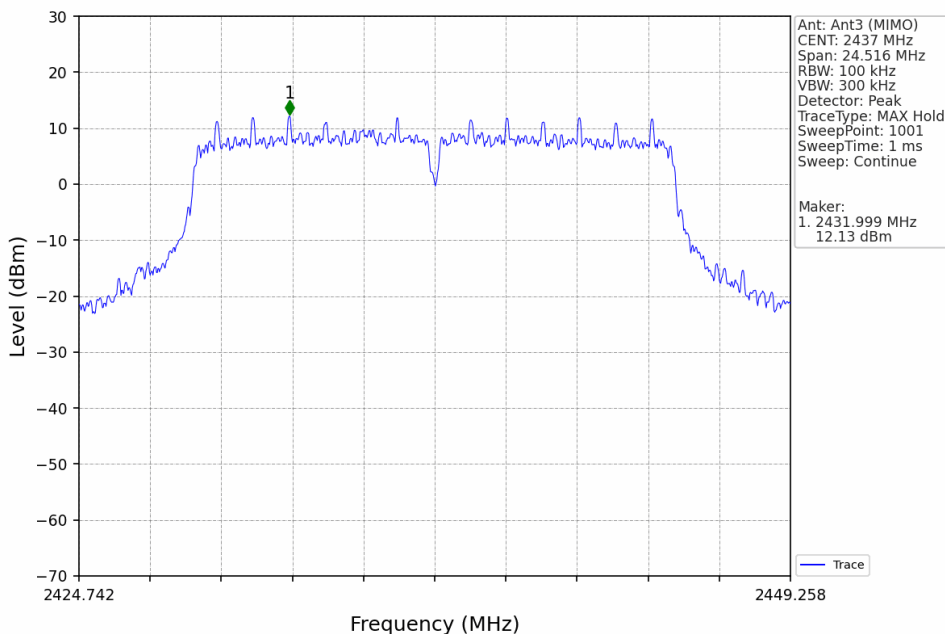
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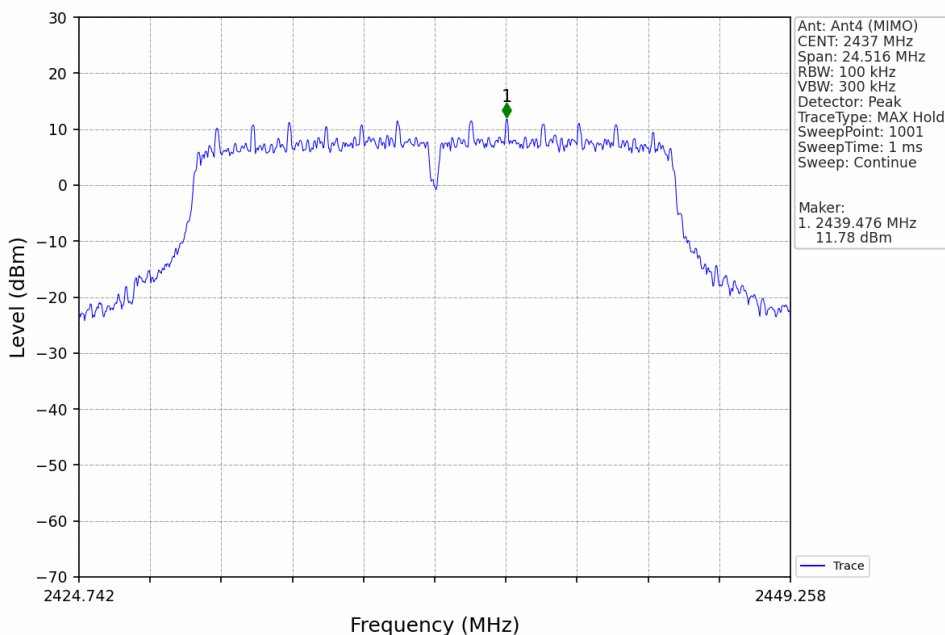
802.11g\_MCH\_2437MHz\_Ant2 (MIMO)\_NTNV



### 802.11g\_MCH\_2437MHz\_Ant3 (MIMO)\_NTNV



### 802.11g\_MCH\_2437MHz\_Ant4 (MIMO)\_NTNV



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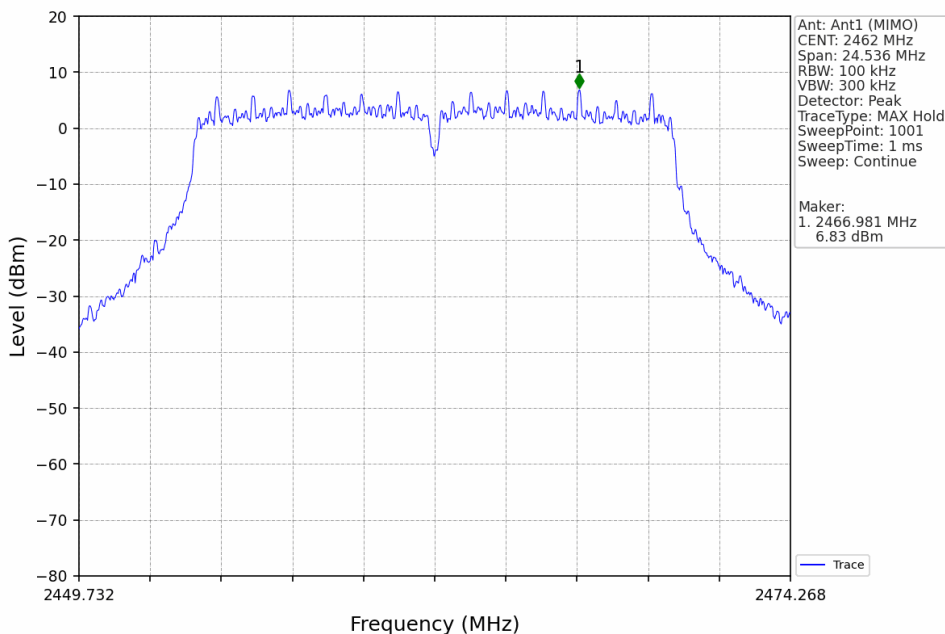
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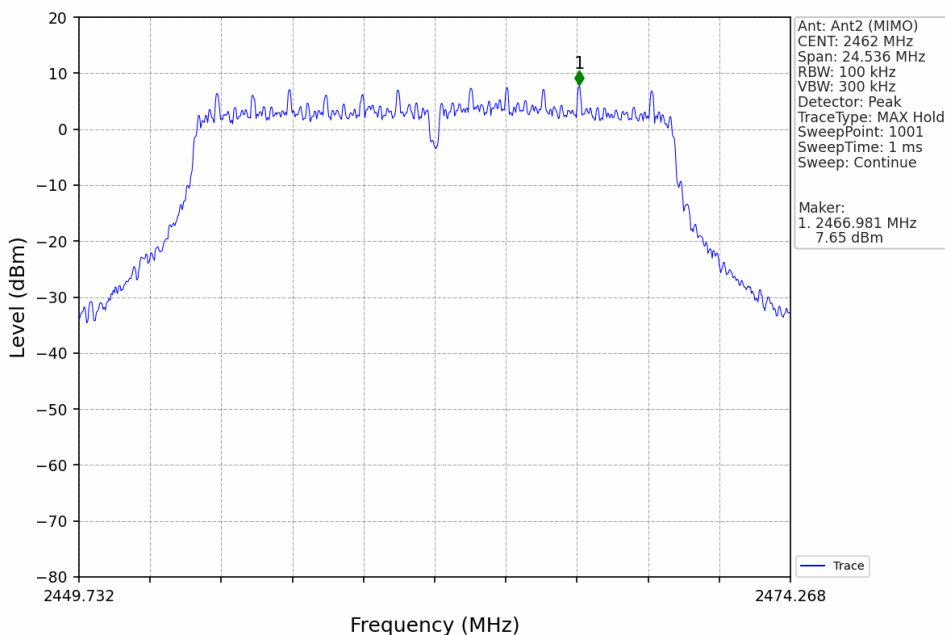
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802.11g\_HCH\_2462MHz\_Ant1 (MIMO)\_NTNV



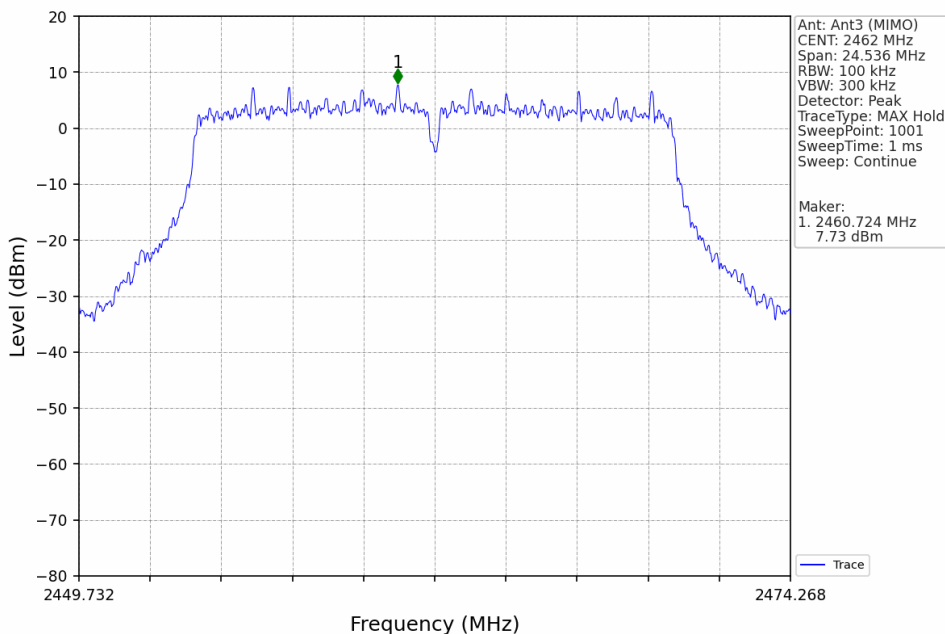
802.11g\_HCH\_2462MHz\_Ant2 (MIMO)\_NTNV



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

