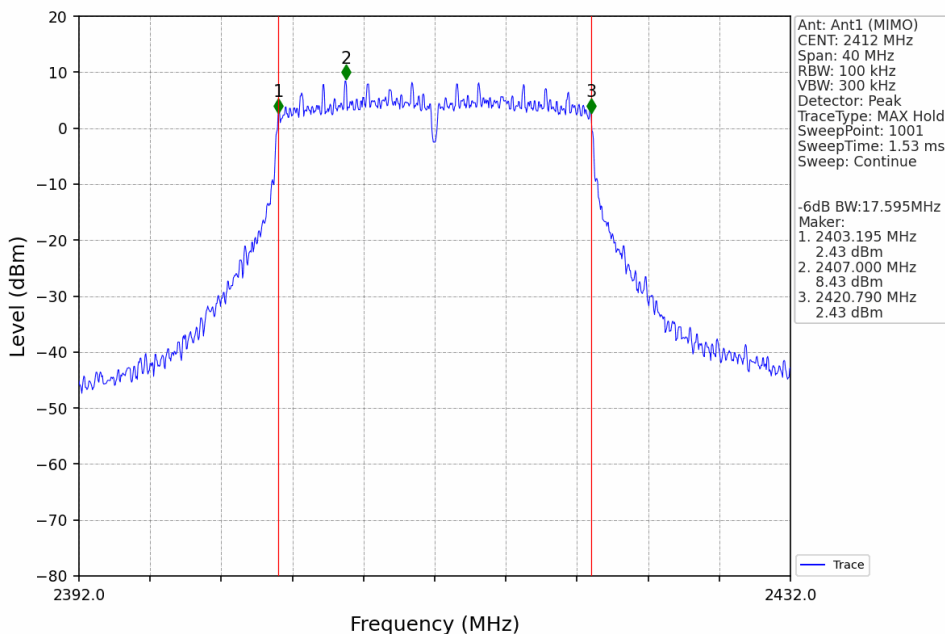
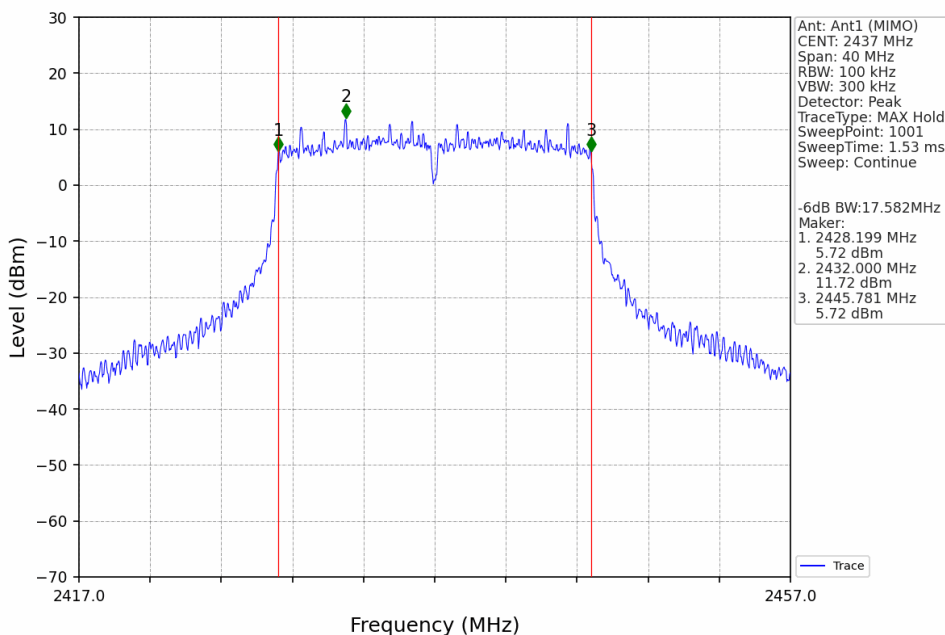


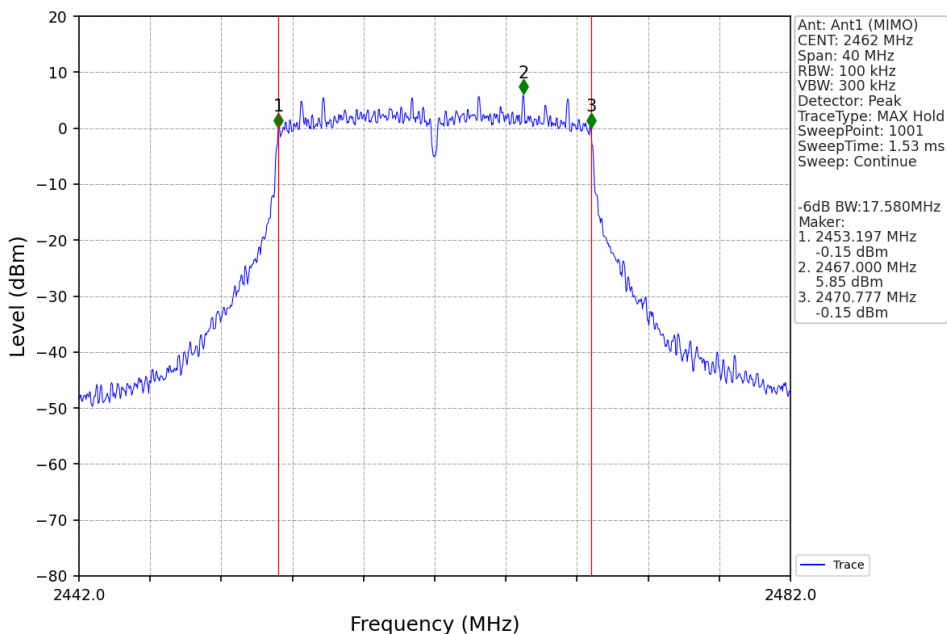
802.11n(HT20)_LCH_2412MHz_Ant1 (MIMO)_NTNV



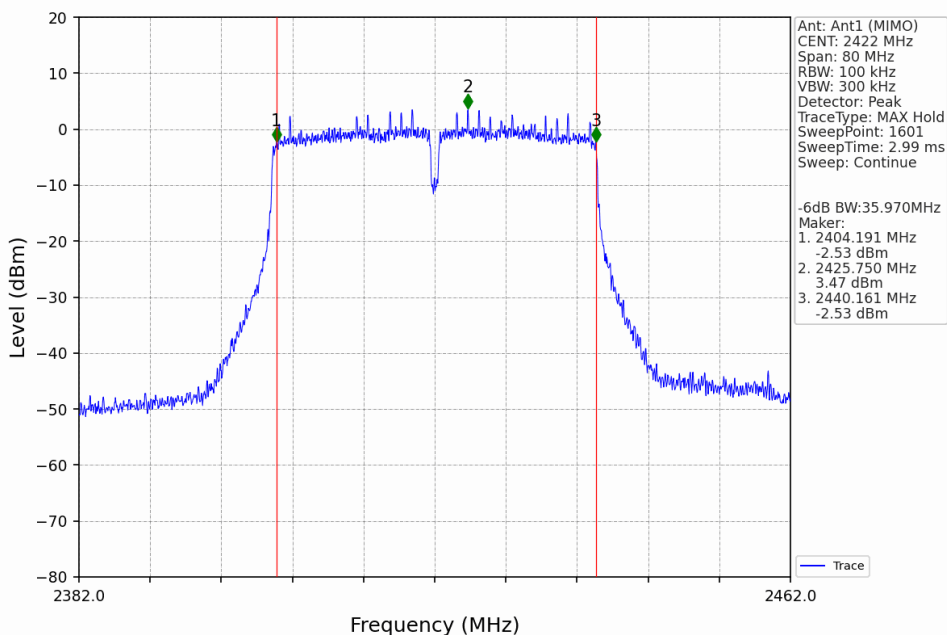
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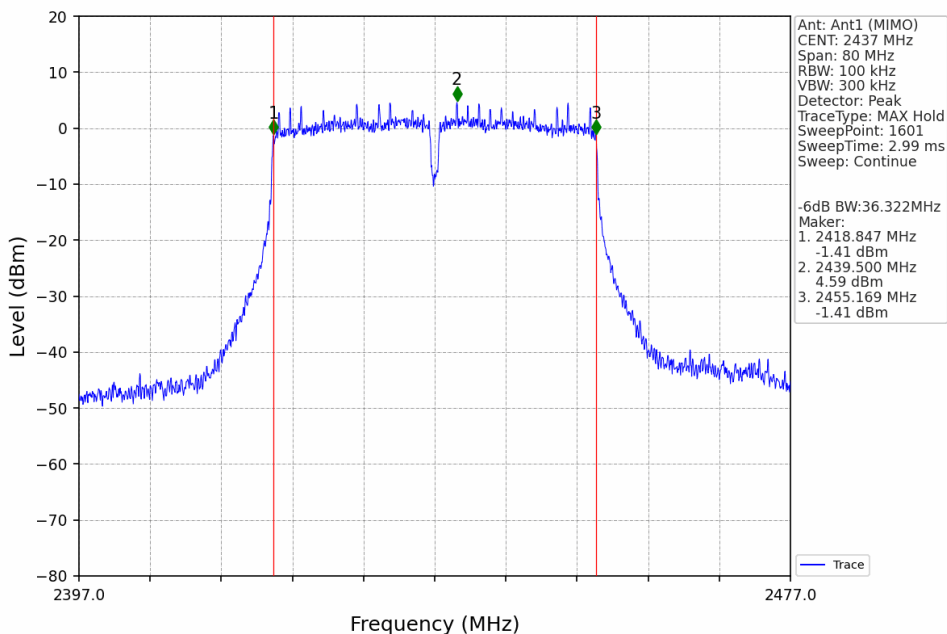
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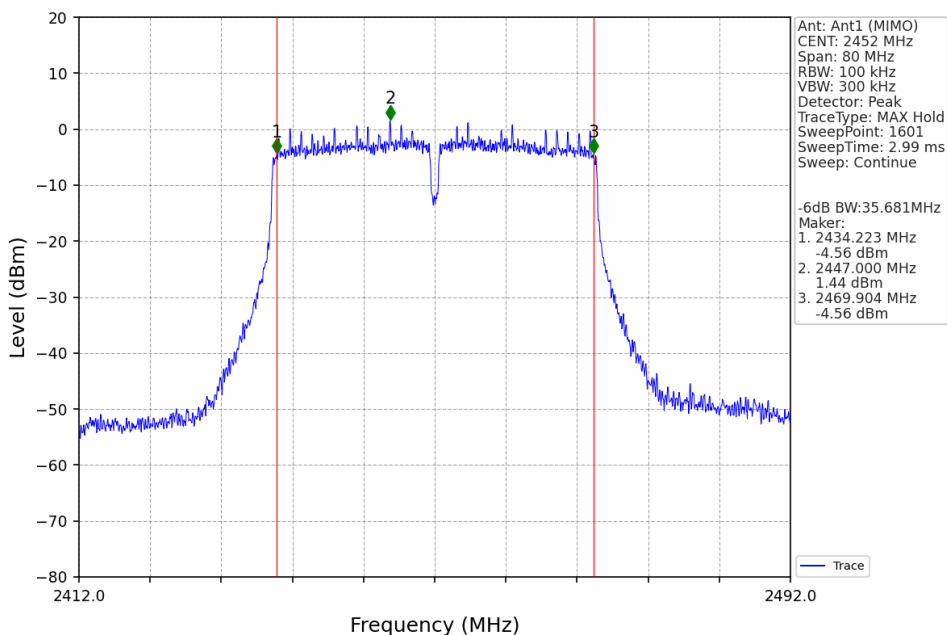
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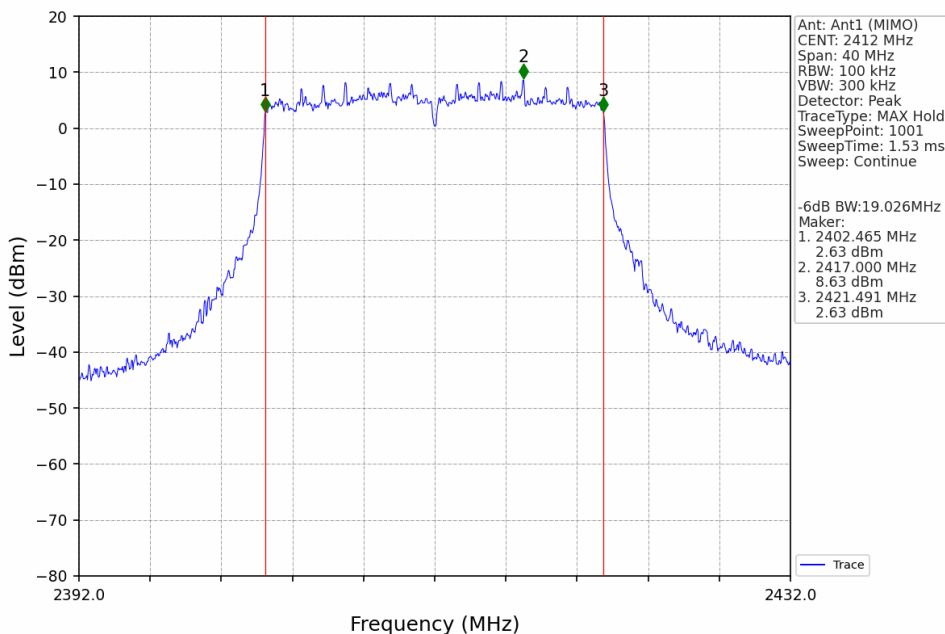
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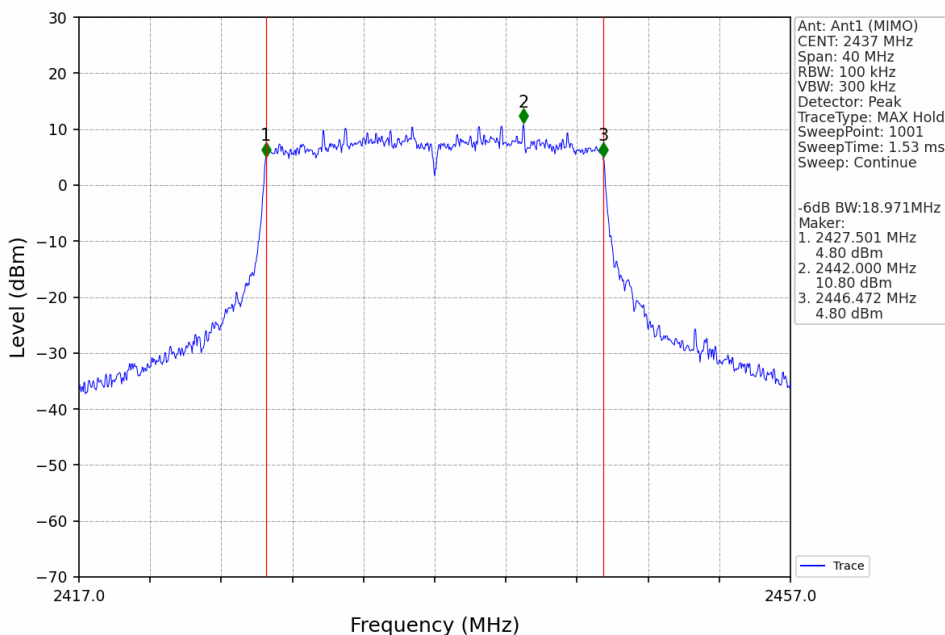
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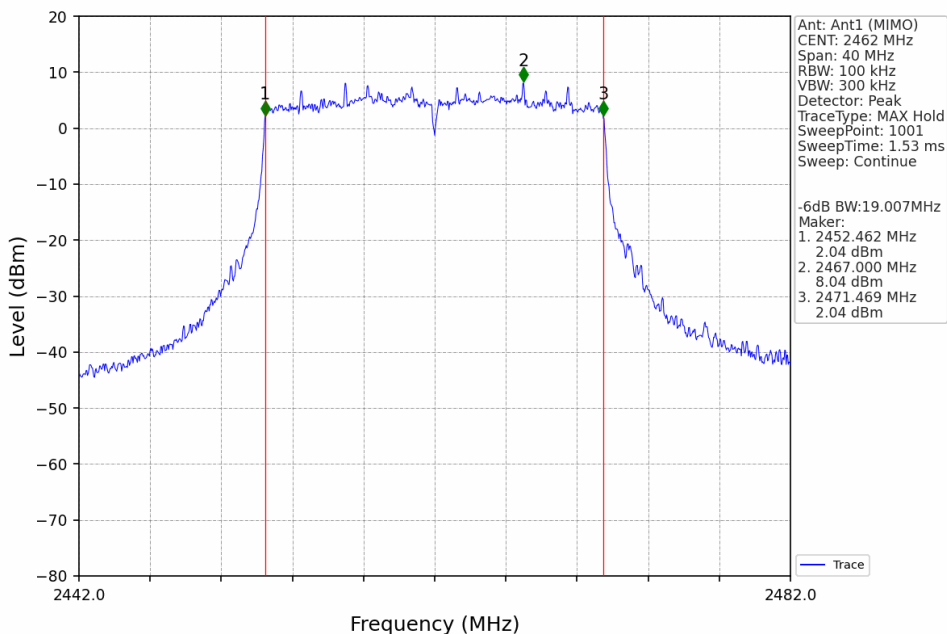
802.11ax(HEW20)_LCH_2412MHz_RU242_Left_Ant1 (MIMO)_NTNV



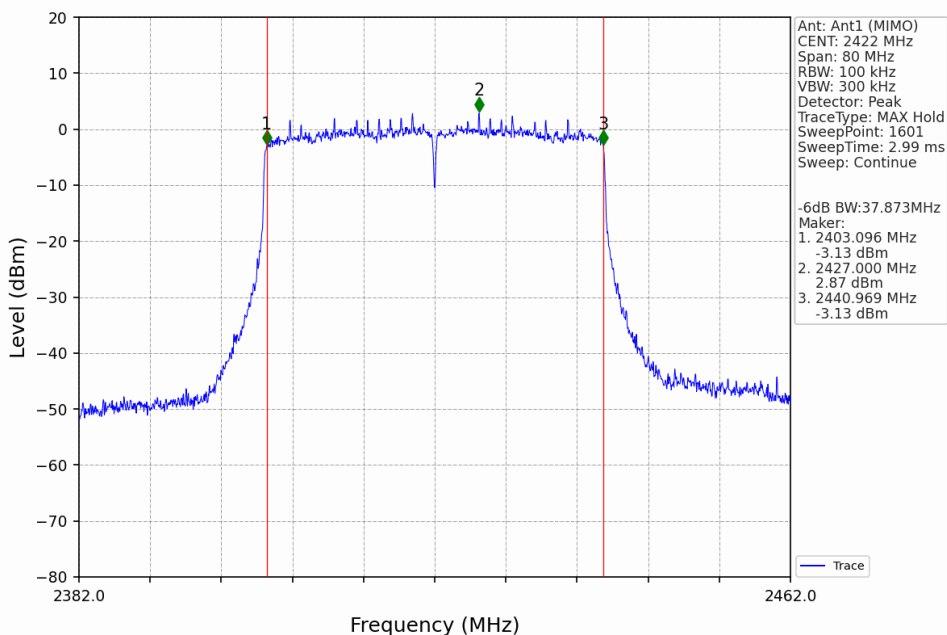
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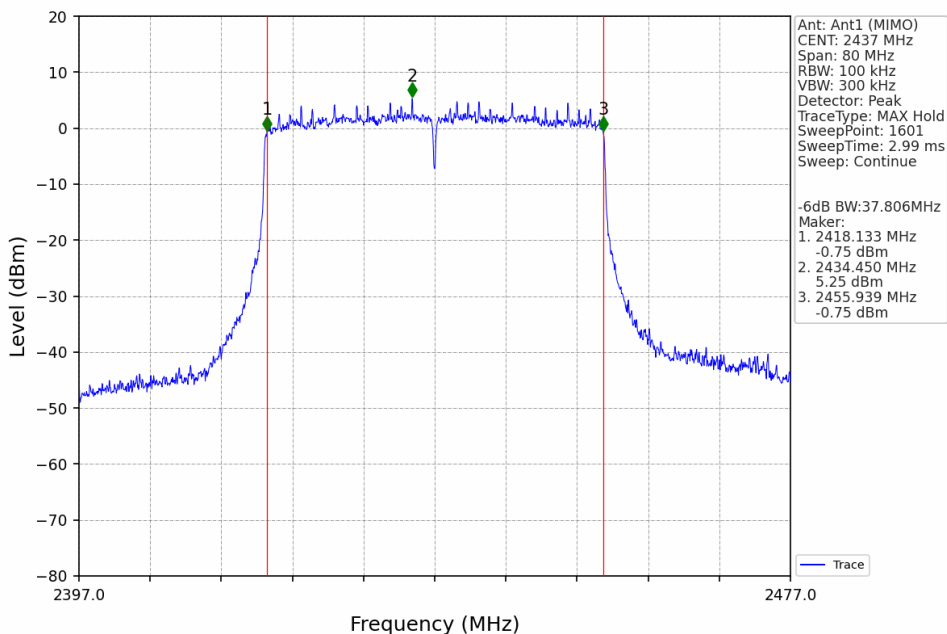
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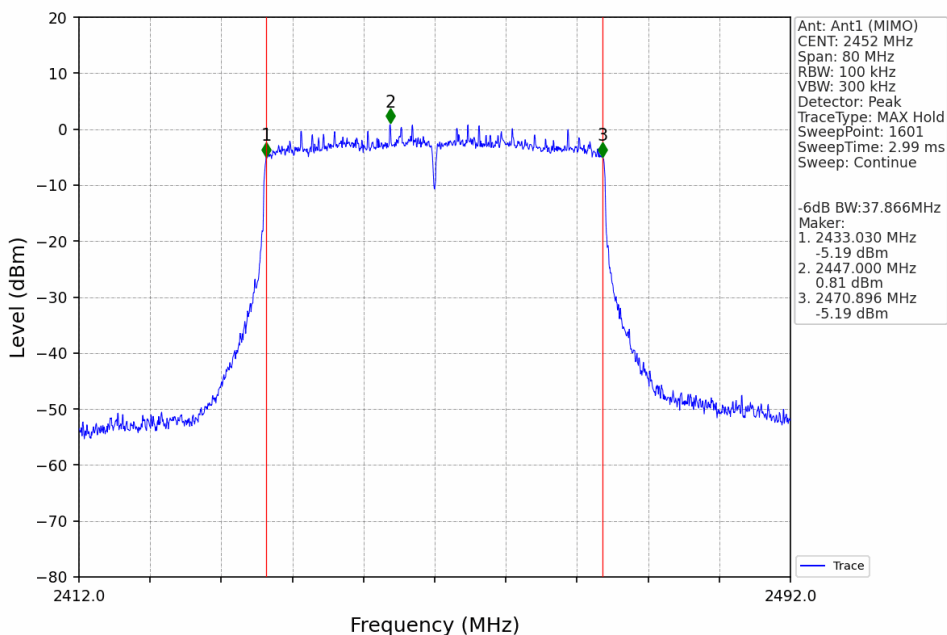
802.11ax(HEW40)_LCH_2422MHz_RU484_Left_Ant1 (MIMO)_NTNV



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	RU52	Right	12.53	13.16	13.31	12.77	18.97	<=30	Pass
			RU484	Left	14.84	15.20	15.29	14.81	21.06	<=30	Pass



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4. Maximum Power Spectral Density

4.1 Test Result

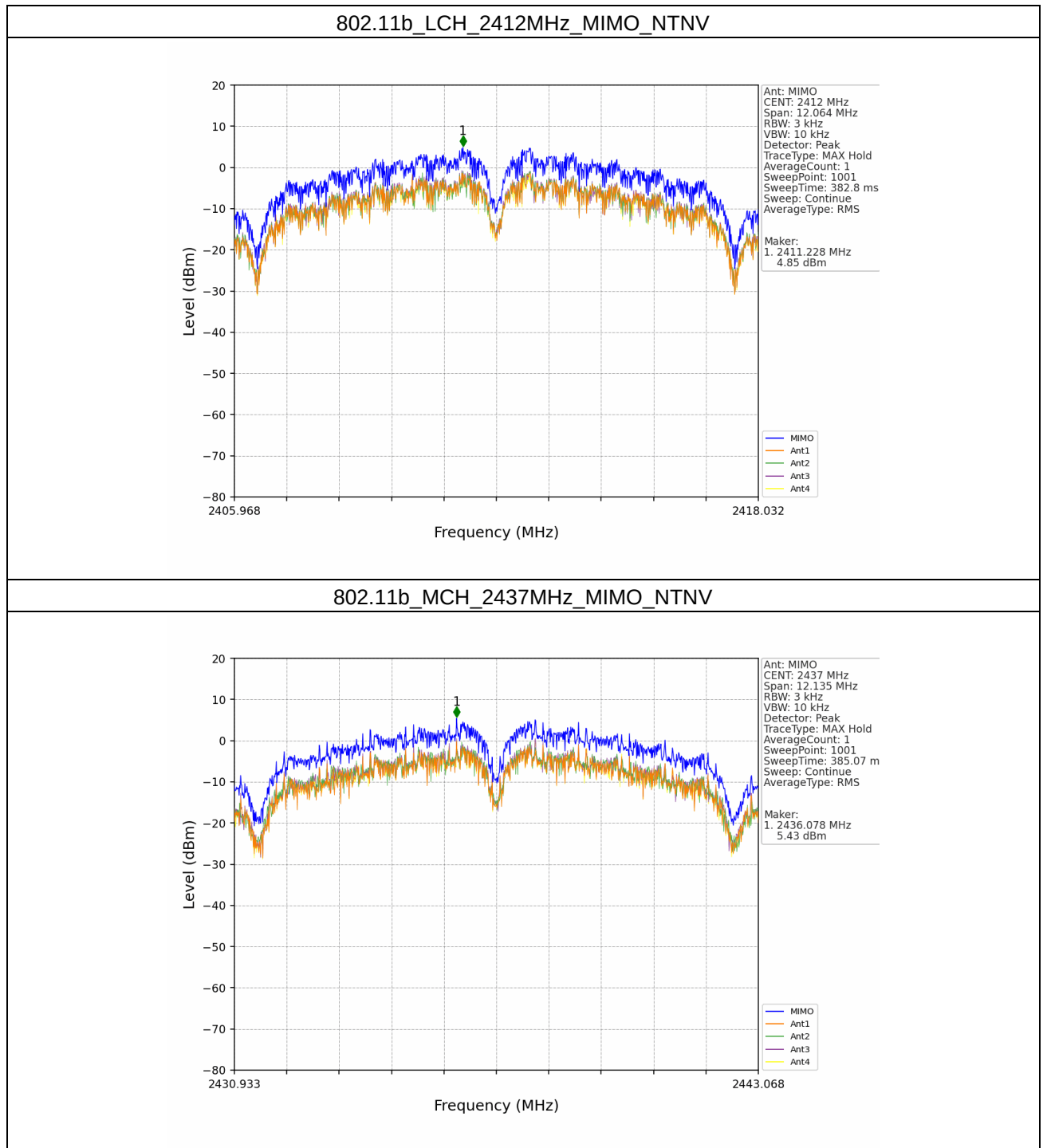
4.1.1 PSD

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

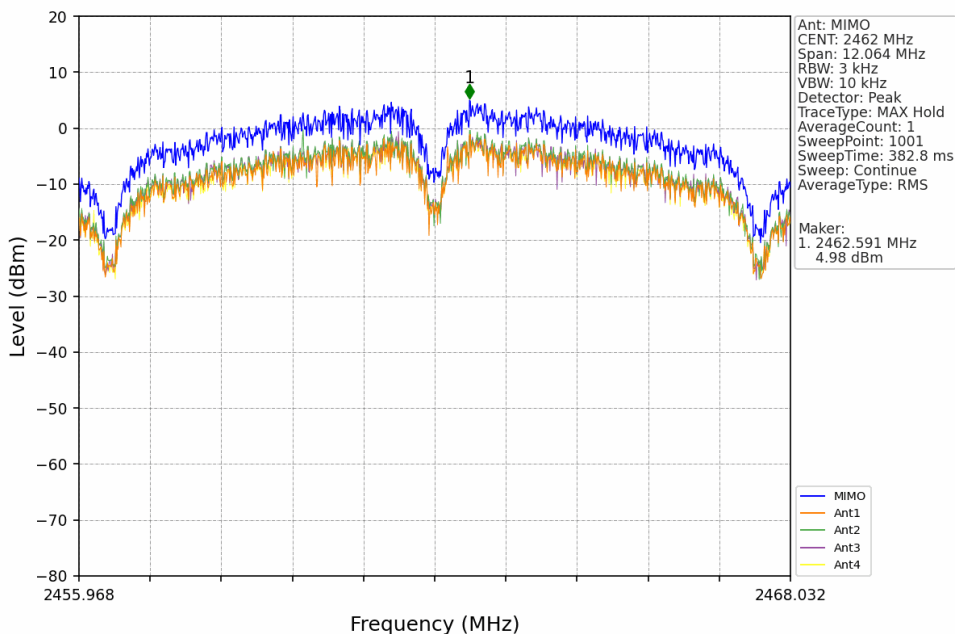


4.2 Test Graph

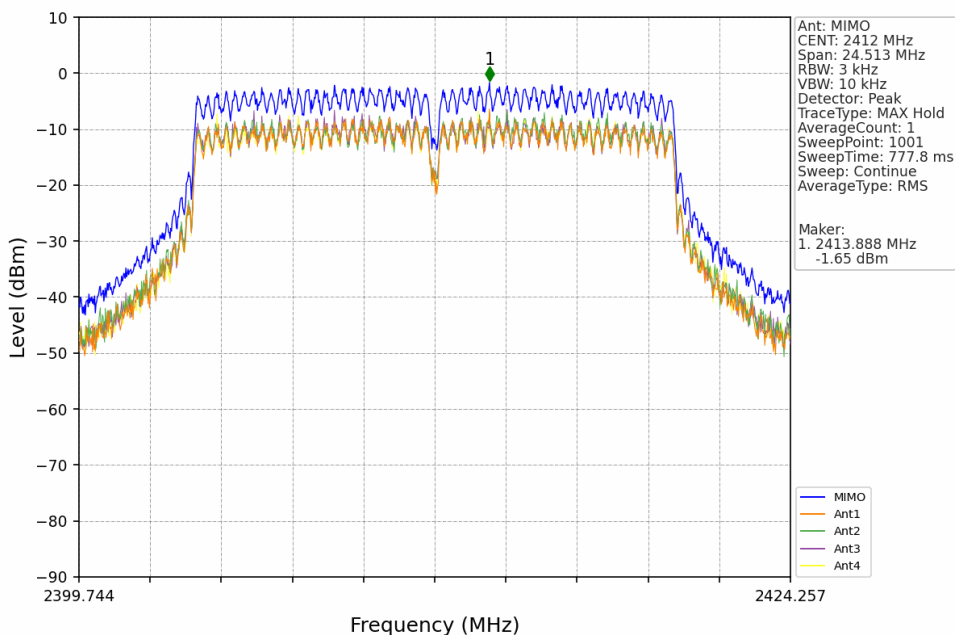
4.2.1 PSD



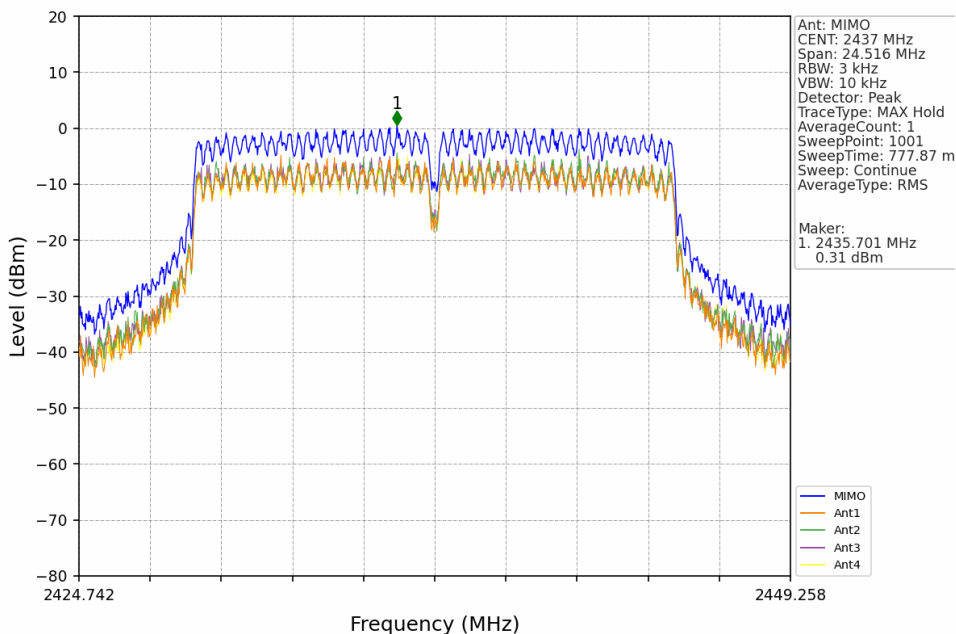
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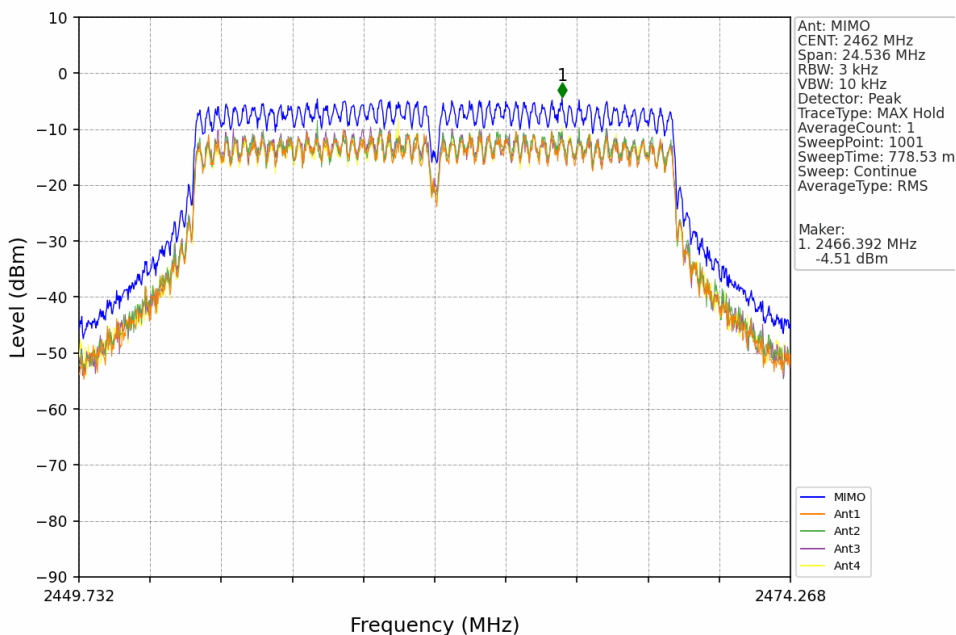
802.11g_LCH_2412MHz_MIMO_NTNV



802.11g_MCH_2437MHz_MIMO_NTNV



802.11g_HCH_2462MHz_MIMO_NTNV



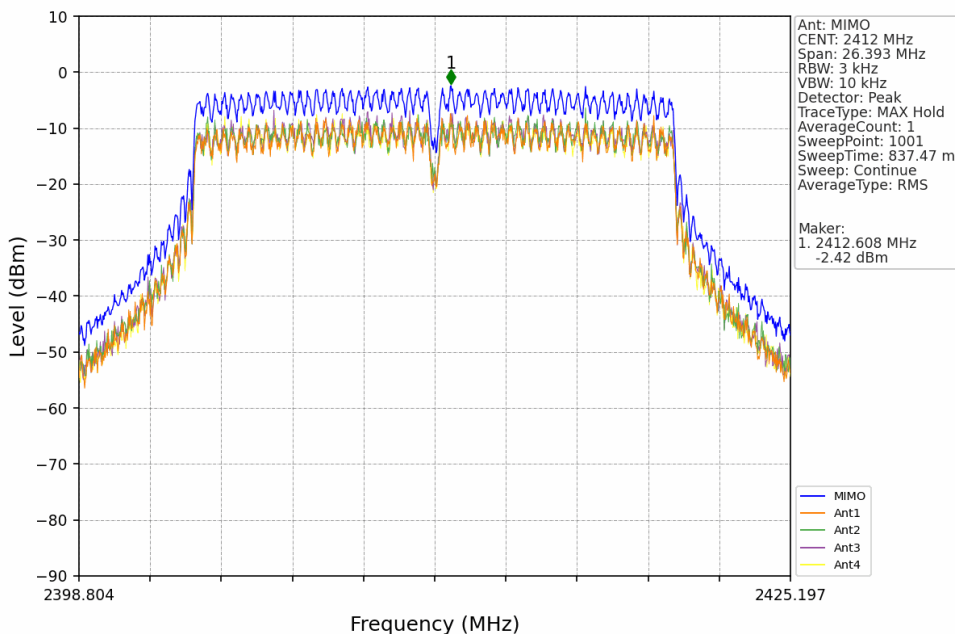
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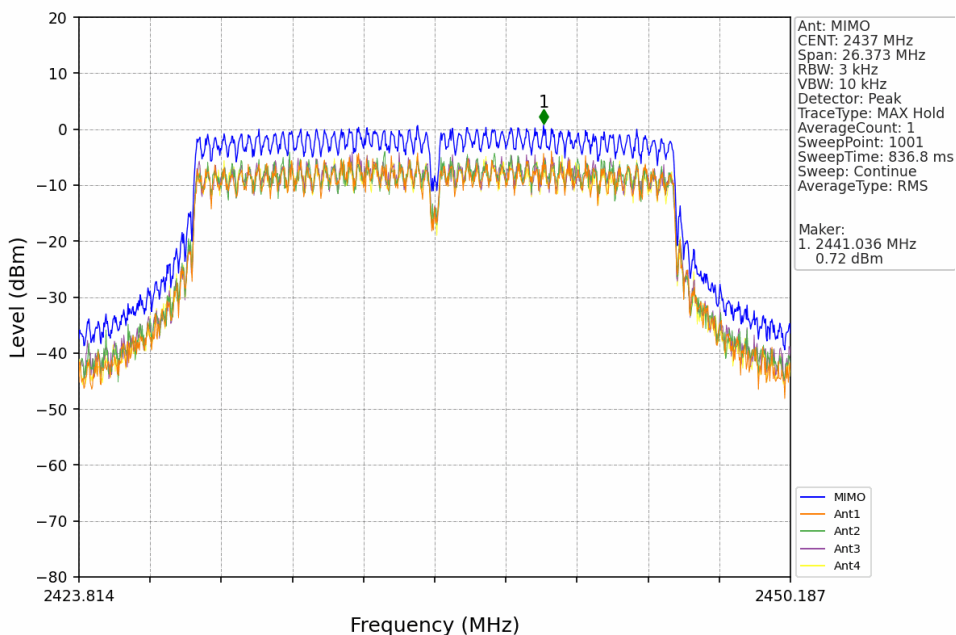
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802.11n(HT20)_LCH_2412MHz_MIMO_NTNV



802.11n(HT20)_MCH_2437MHz_MIMO_NTNV



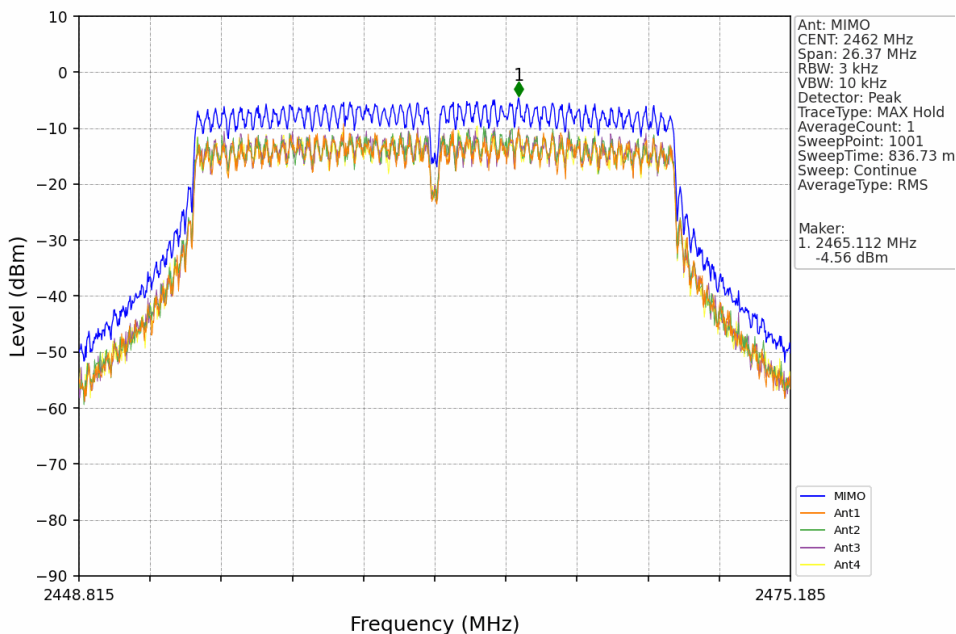
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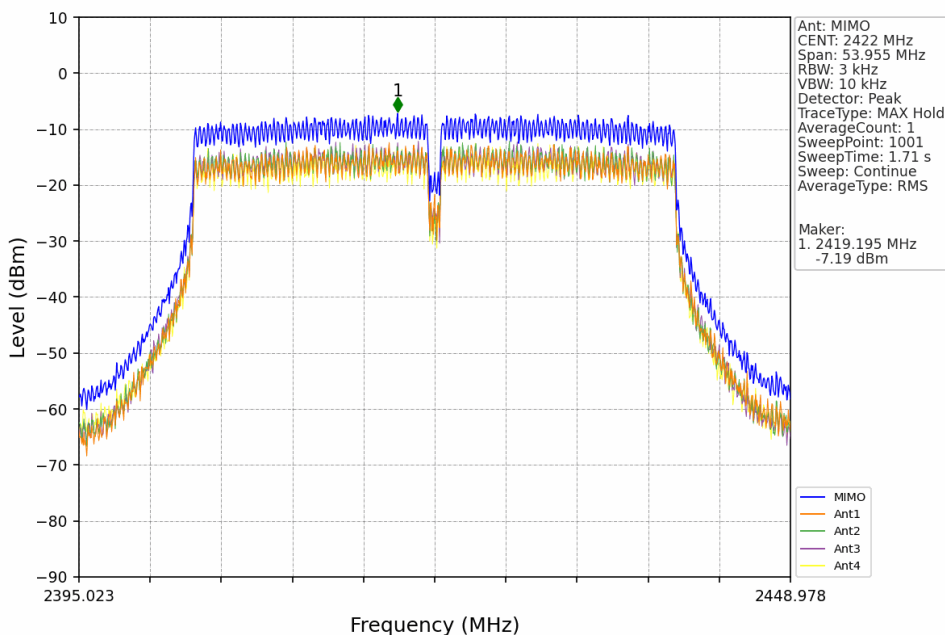
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802.11n(HT20)_HCH_2462MHz_MIMO_NTNV



802.11n(HT40)_LCH_2422MHz_MIMO_NTNV



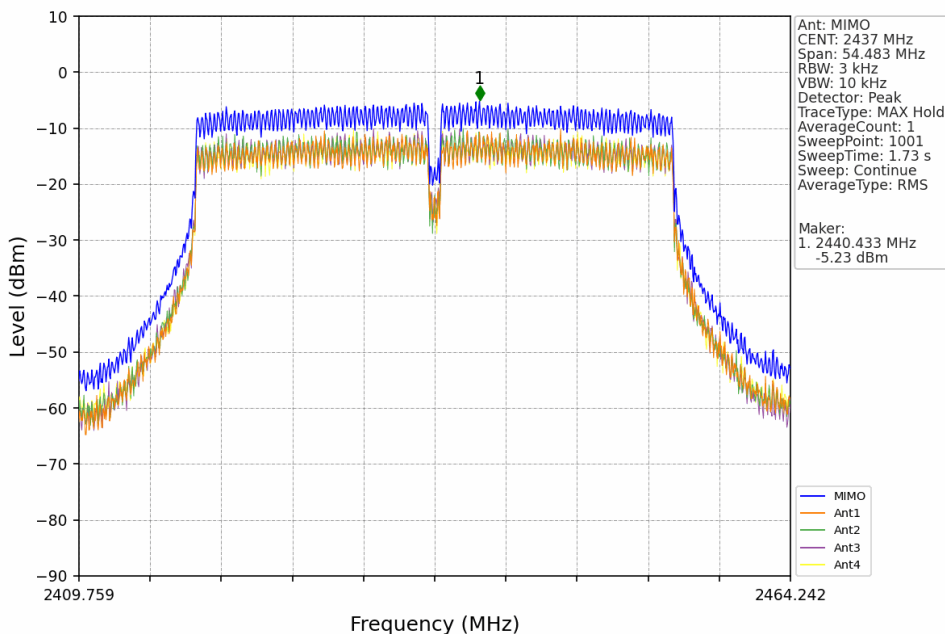
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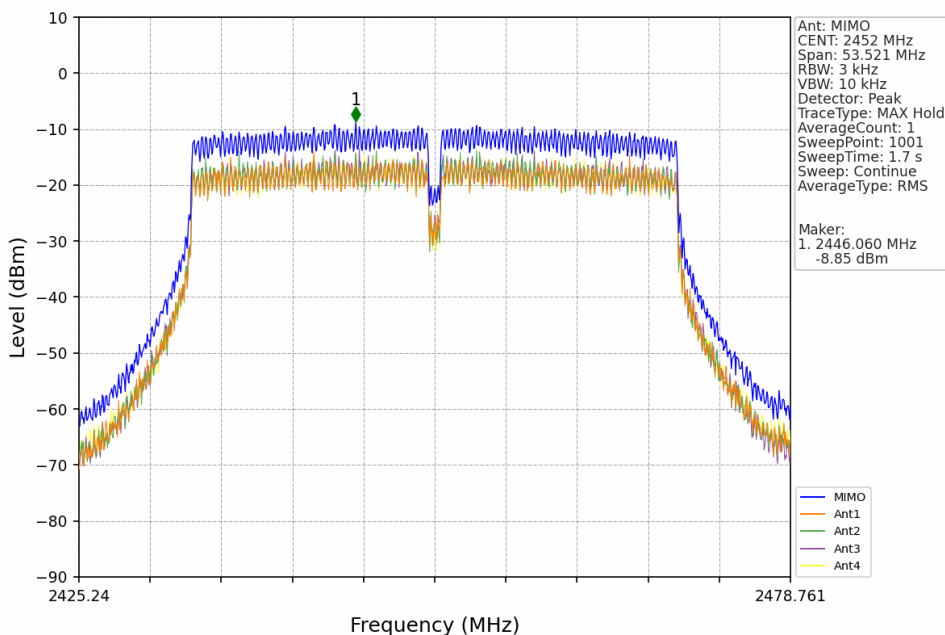
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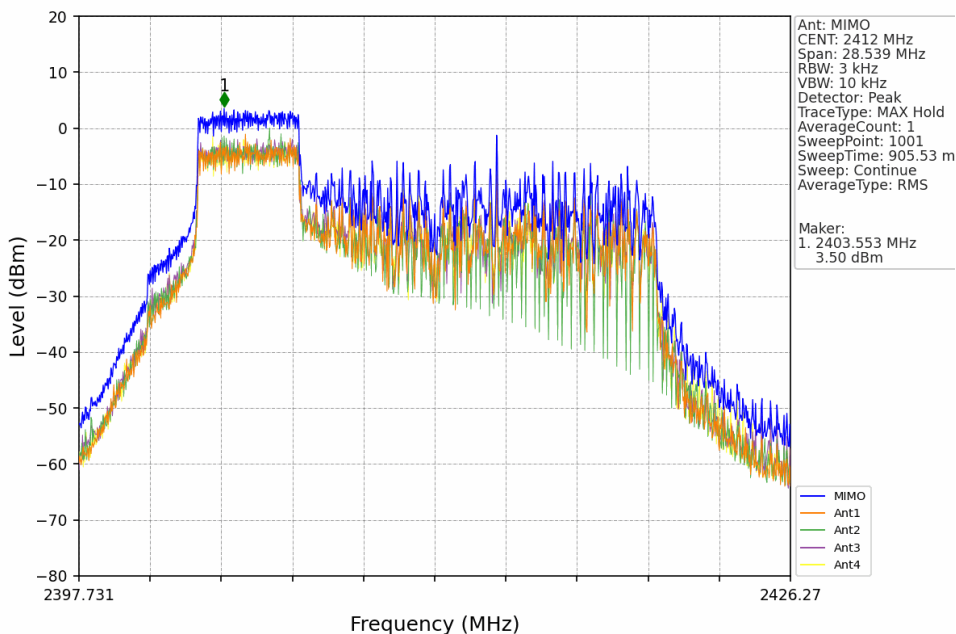
802.11n(HT40)_MCH_2437MHz_MIMO_NTNV



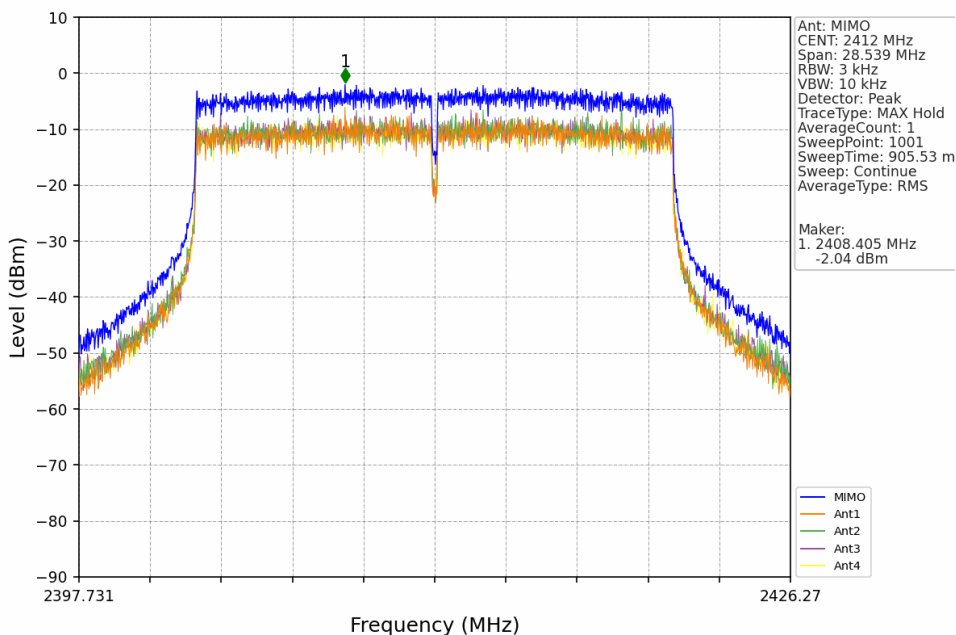
802.11n(HT40)_HCH_2452MHz_MIMO_NTNV



802.11ax(HEW20)_LCH_2412MHz_RU52_Left_MIMO_NTNV



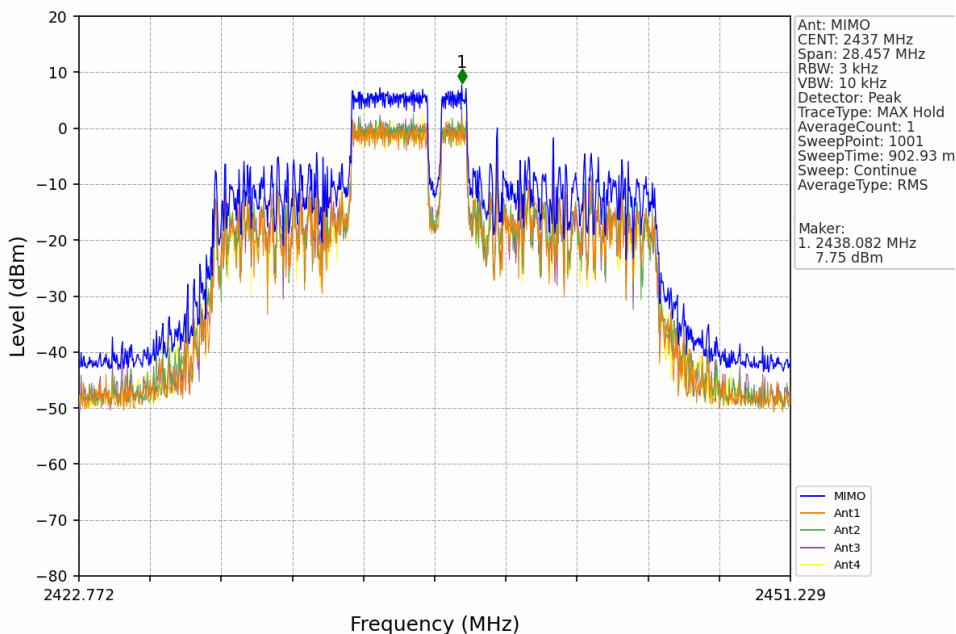
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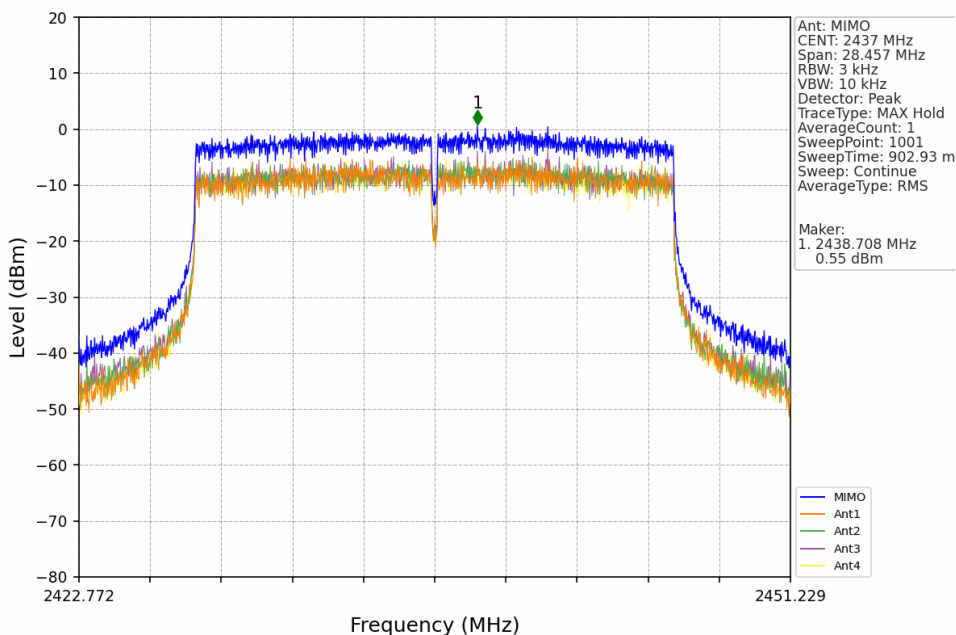
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802.11ax(HEW20)_MCH_2437MHz_RU52_Mid_MIMO_NTNV



802.11ax(HEW20)_MCH_2437MHz_RU242_Left_MIMO_NTNV



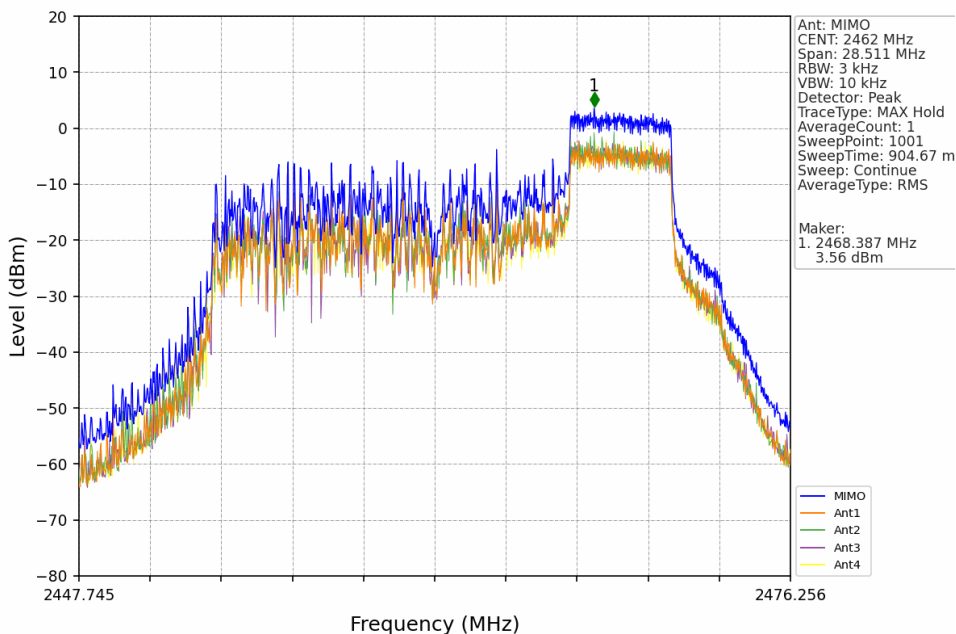
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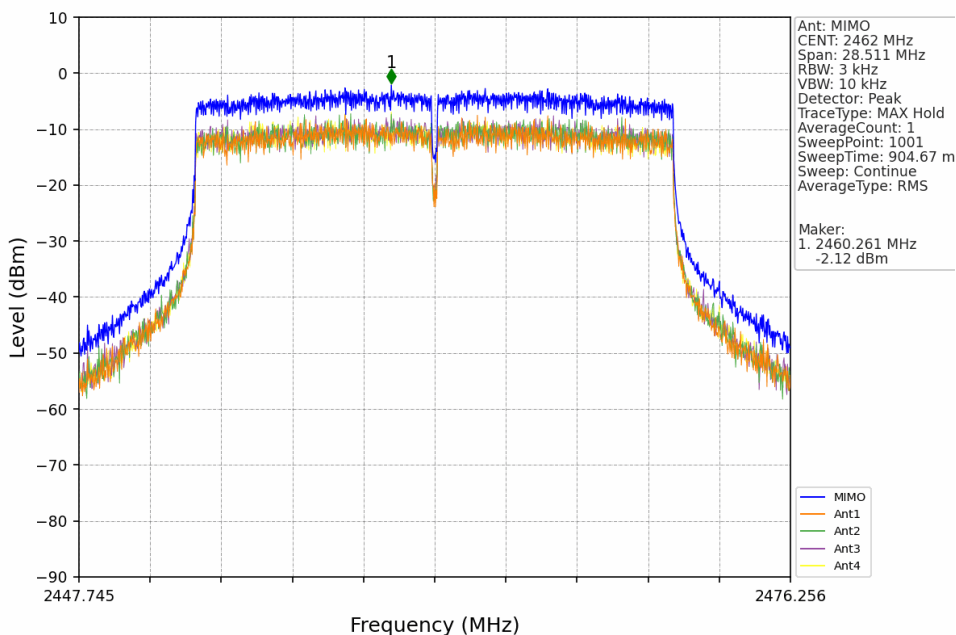
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802.11ax(HEW20)_HCH_2462MHz_RU52_Right_MIMO_NTNV



802.11ax(HEW20)_HCH_2462MHz_RU242_Left_MIMO_NTNV



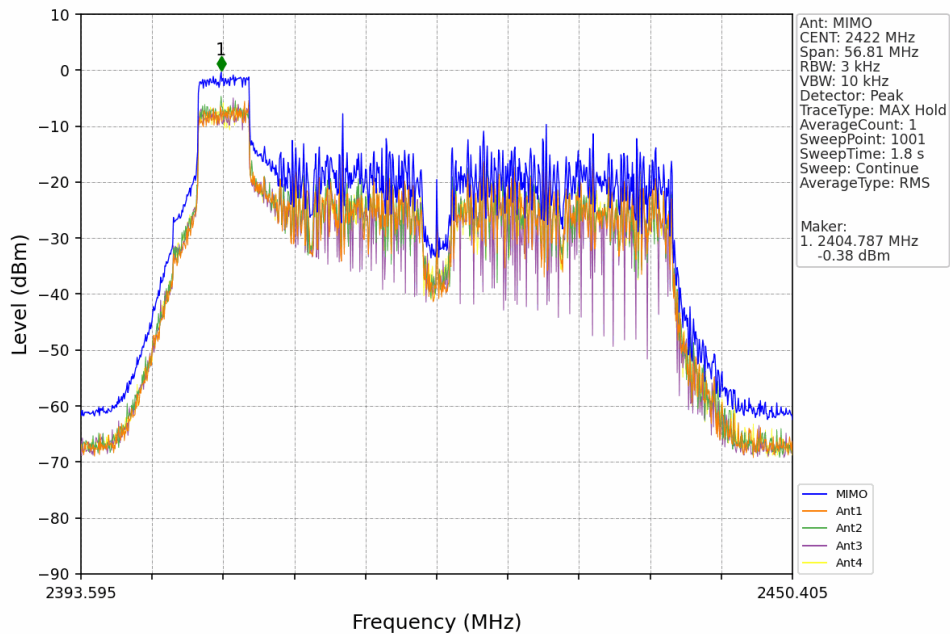
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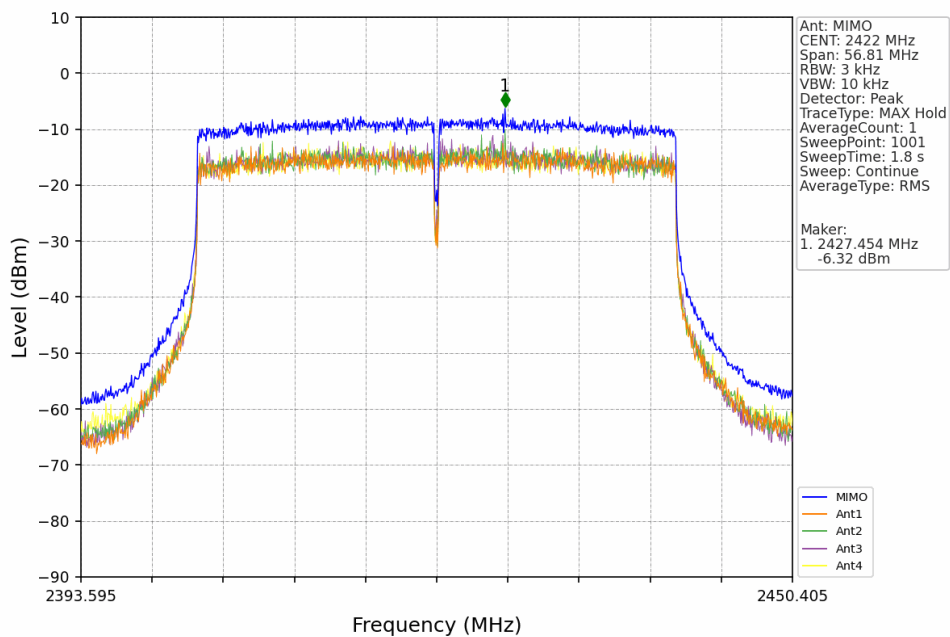
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802.11ax(HEW40)_LCH_2422MHz_RU52_Left_MIMO_NTNV



802.11ax(HEW40)_LCH_2422MHz_RU484_Left_MIMO_NTNV



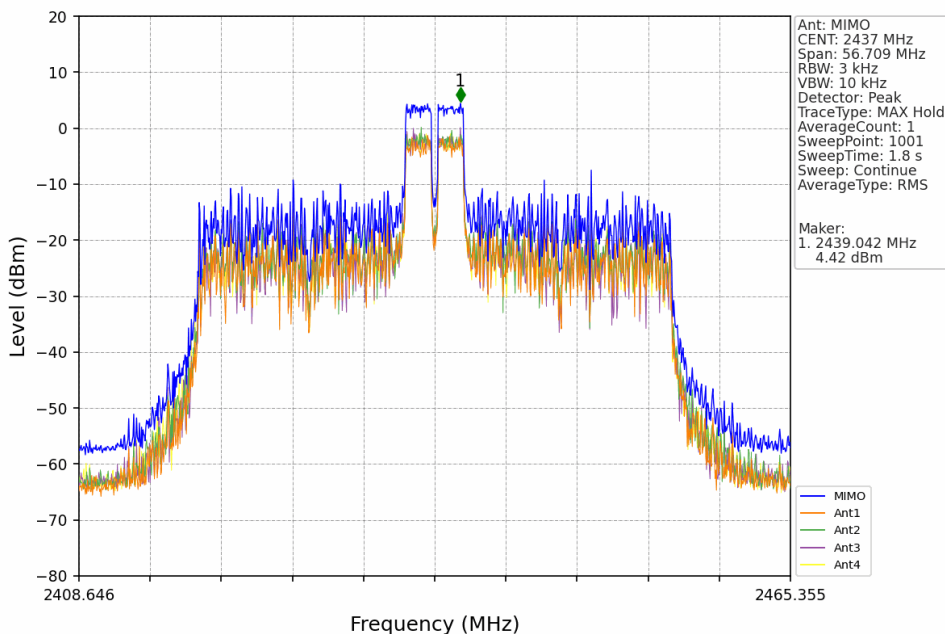
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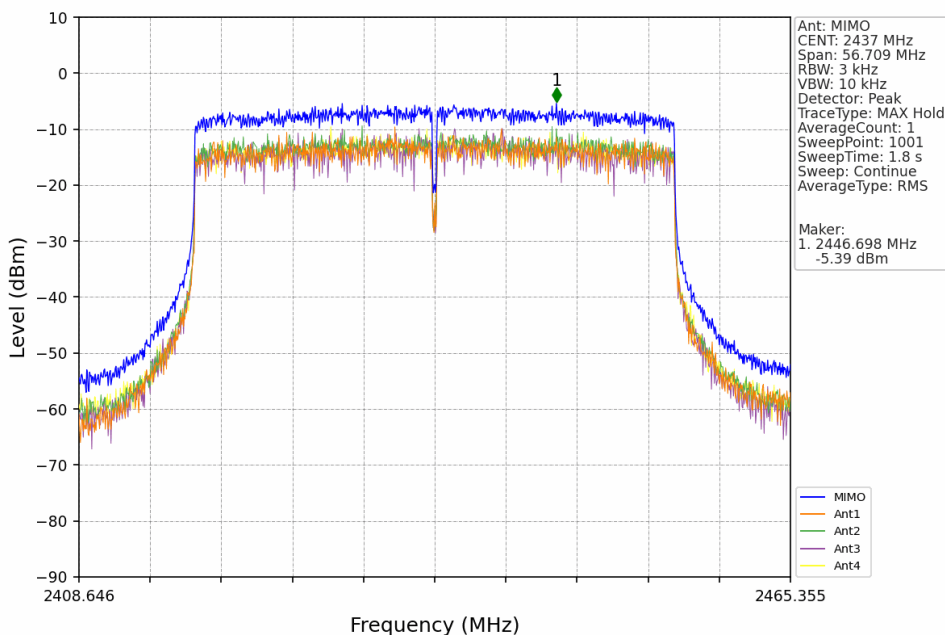
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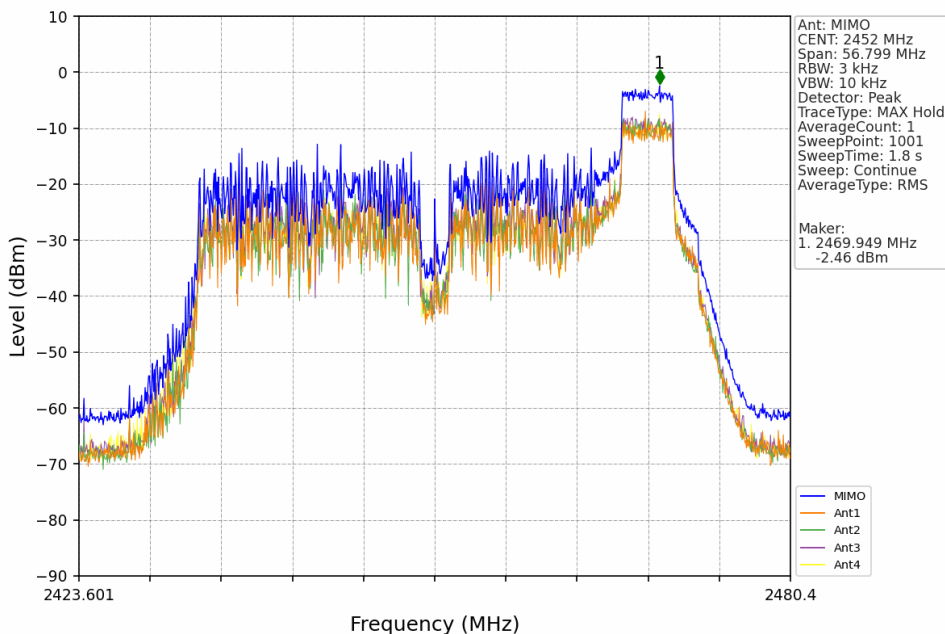
802.11ax(HEW40)_MCH_2437MHz_RU52_Mid_MIMO_NTNV



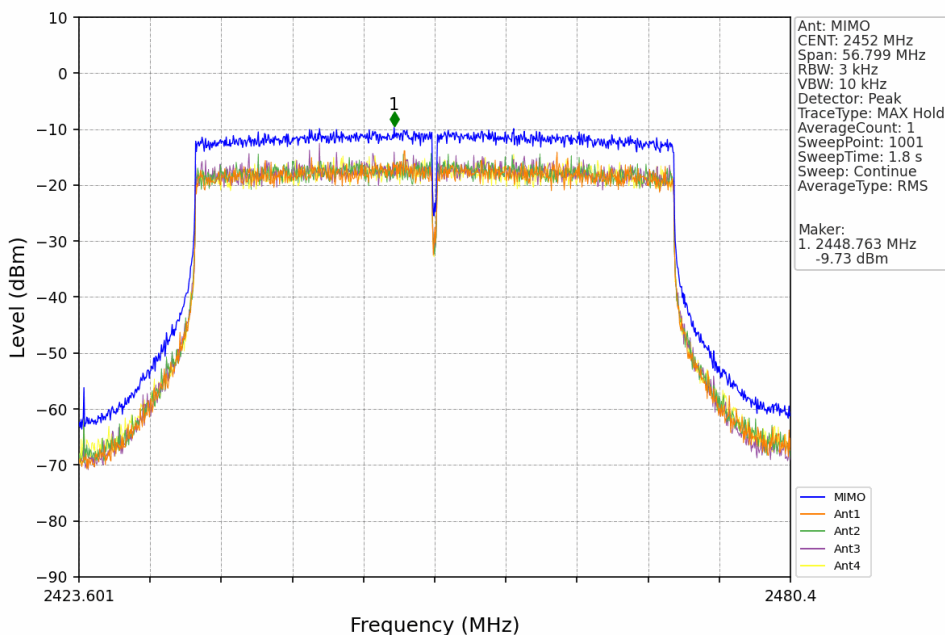
802.11ax(HEW40)_MCH_2437MHz_RU484_Left_MIMO_NTNV



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	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
			RU242	Left	1	10.74
					2	10.64
					3	11.43
					4	10.86
		2462	RU52	Right	1	10.72
					2	12.24
					3	11.88
					4	11.49
	RU242	Left	1	7.69		
			2	8.32		
			3	8.17		
			4	8.14		
802.11ax (HEW40)	MIMO	2422	RU52	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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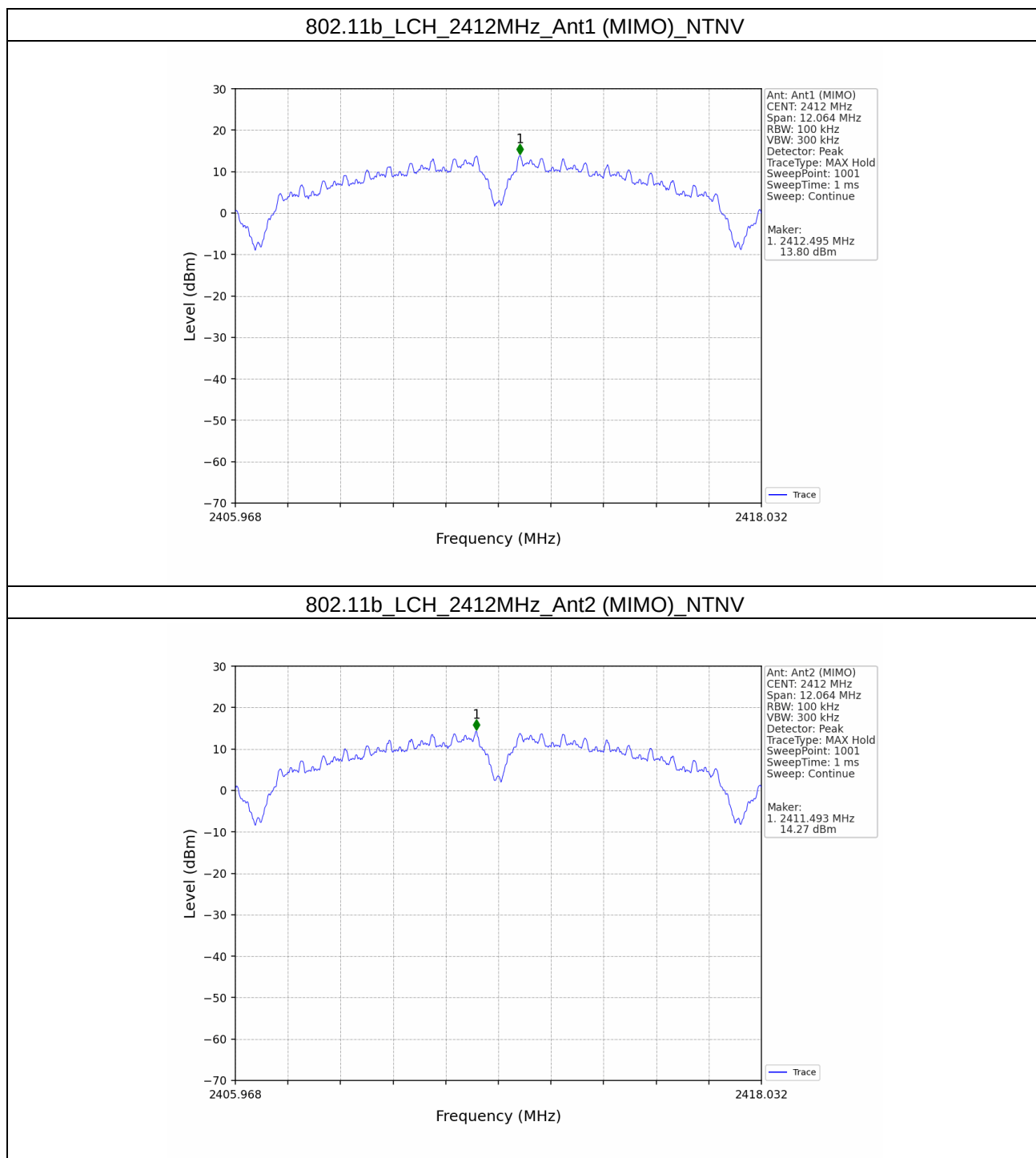
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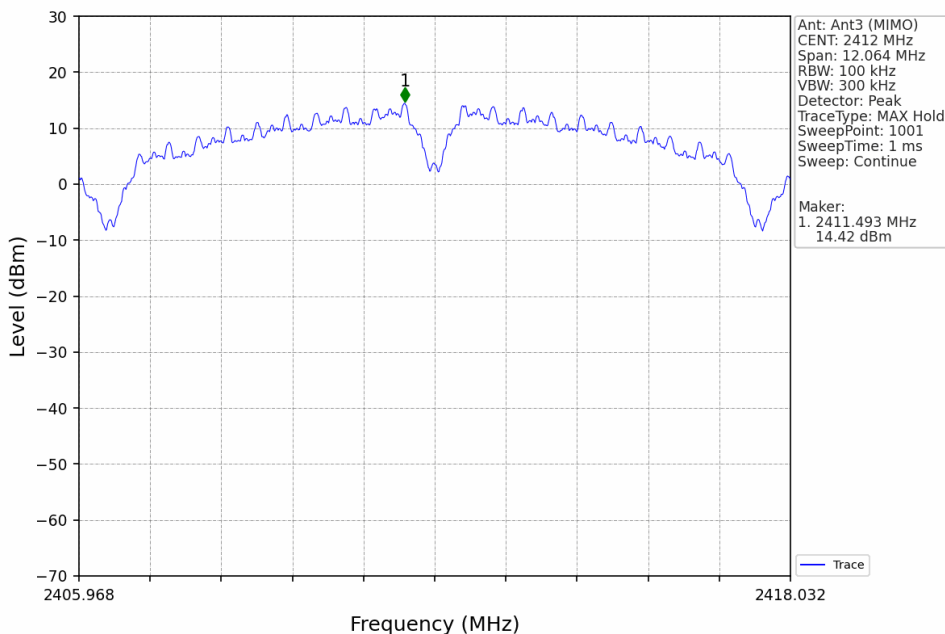
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5.2 Test Graph

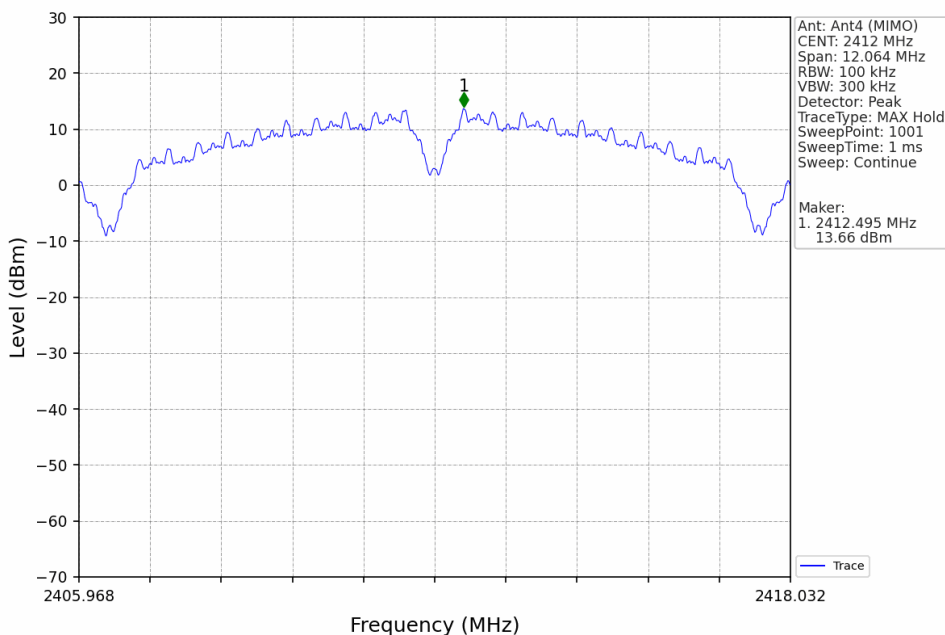
5.2.1 Ref



802.11b_LCH_2412MHz_Ant3 (MIMO)_NTNV



802.11b_LCH_2412MHz_Ant4 (MIMO)_NTNV



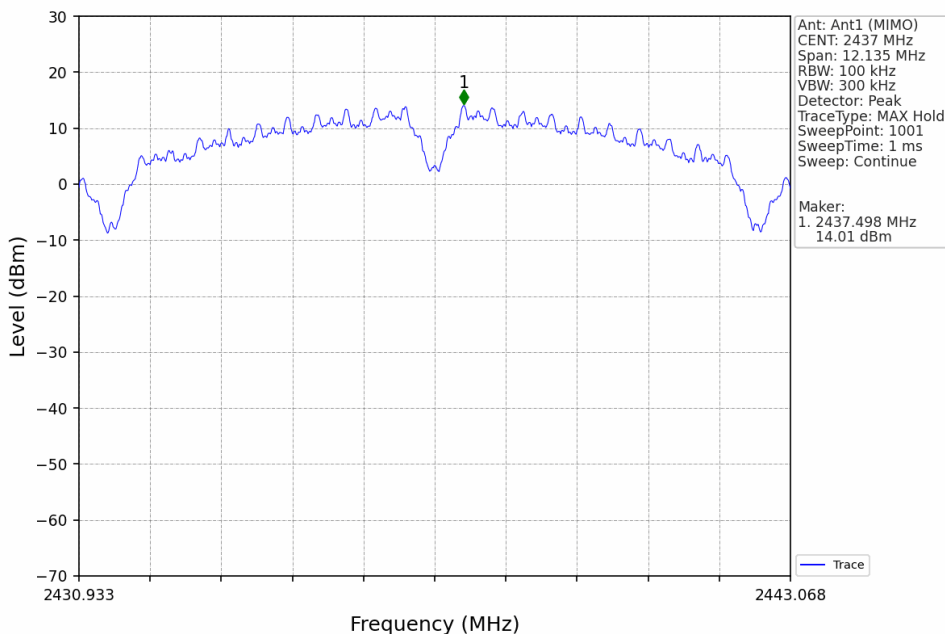
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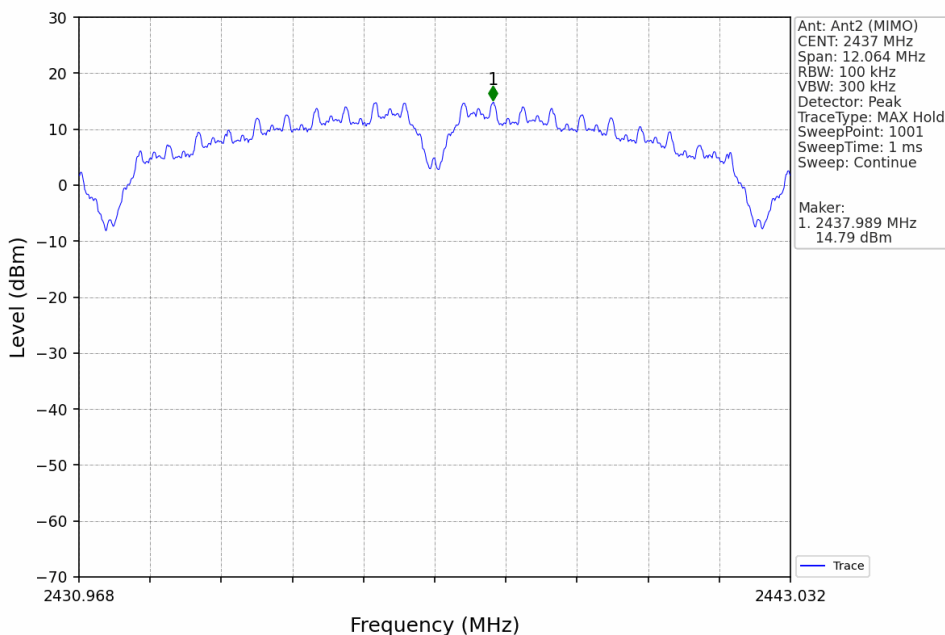
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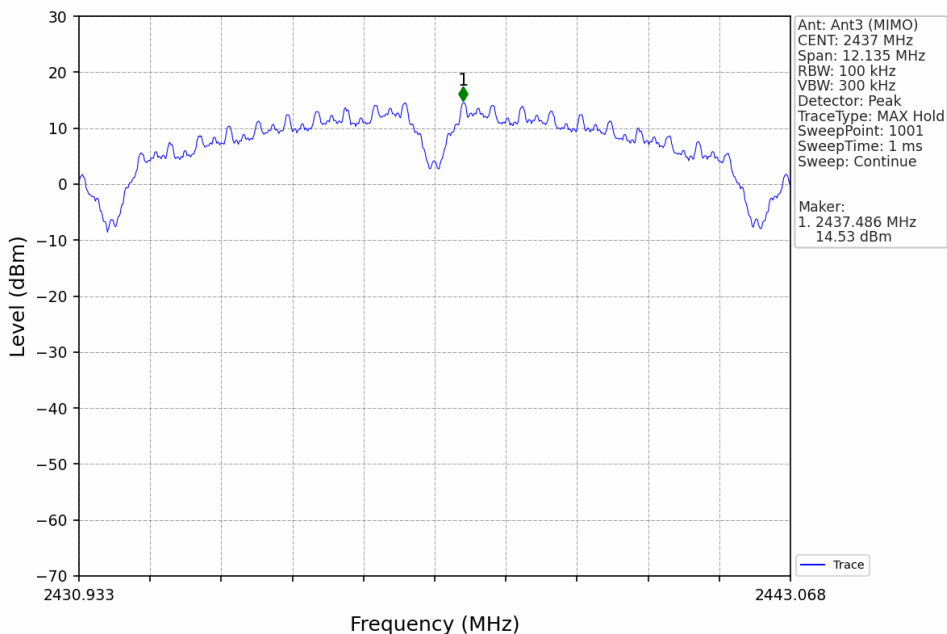
802.11b_MCH_2437MHz_Ant1 (MIMO)_NTNV



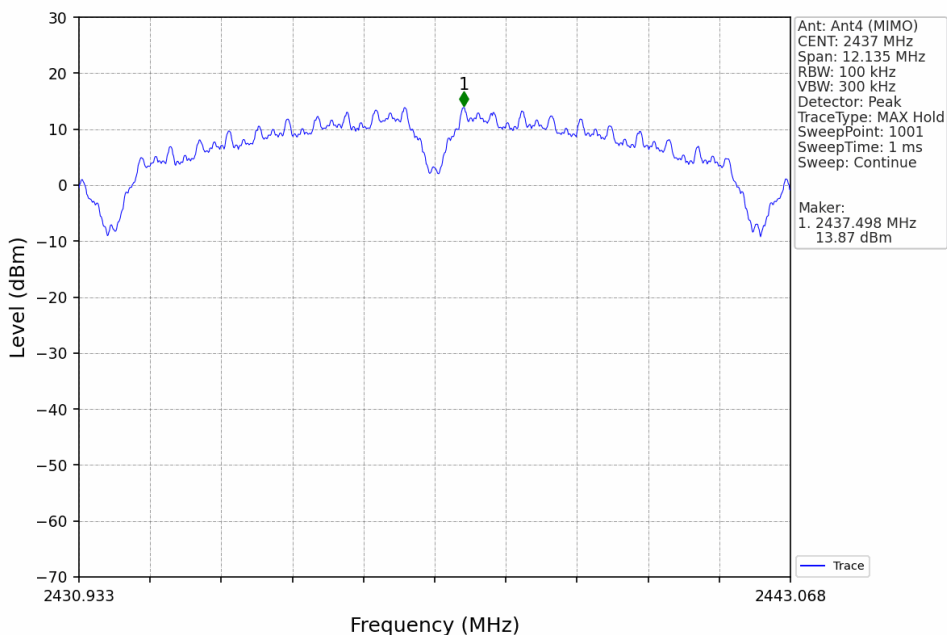
802.11b_MCH_2437MHz_Ant2 (MIMO)_NTNV



802.11b_MCH_2437MHz_Ant3 (MIMO)_NTNV



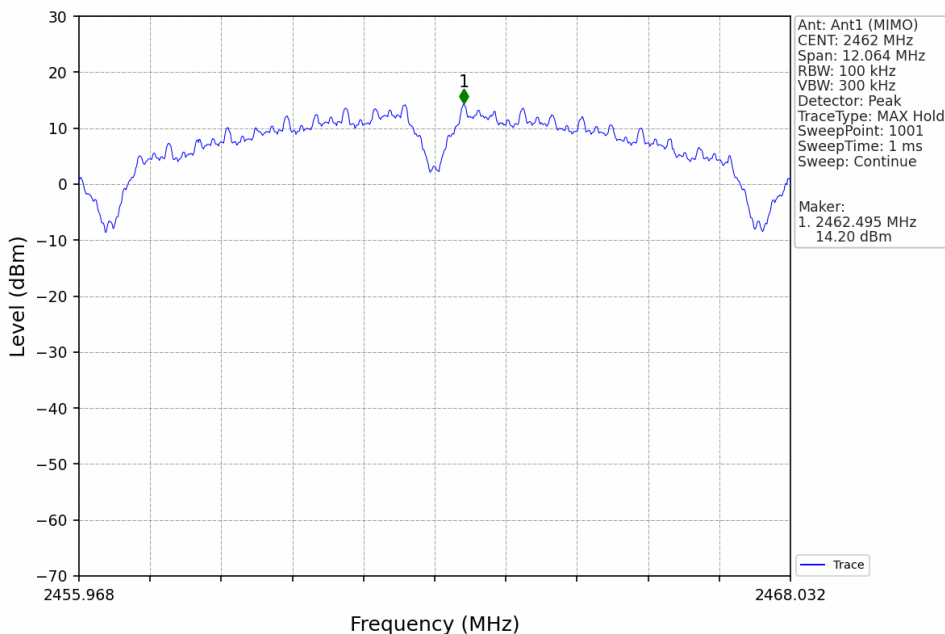
802.11b_MCH_2437MHz_Ant4 (MIMO)_NTNV



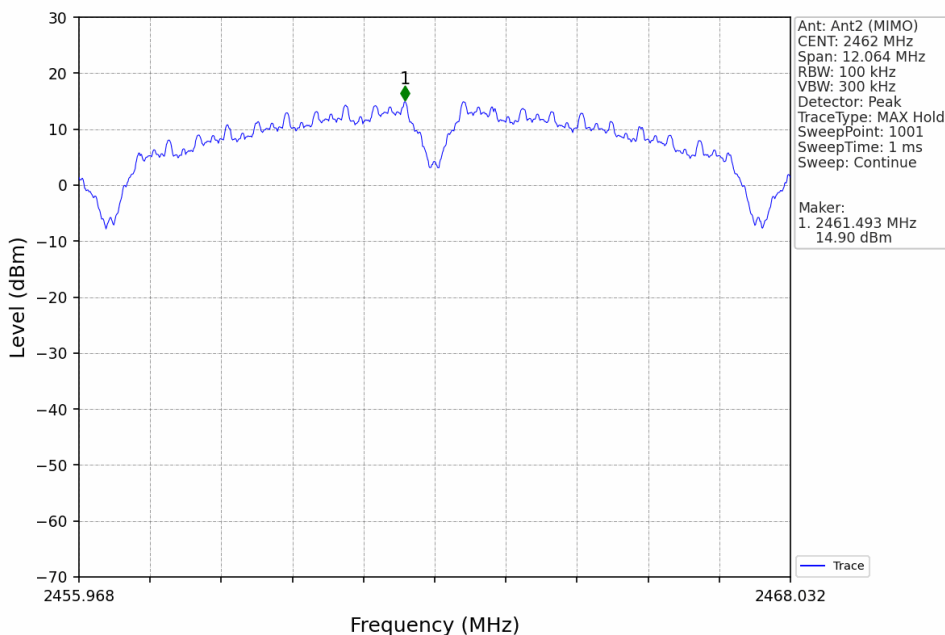
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802.11b_HCH_2462MHz_Ant1 (MIMO)_NTNV



802.11b_HCH_2462MHz_Ant2 (MIMO)_NTNV



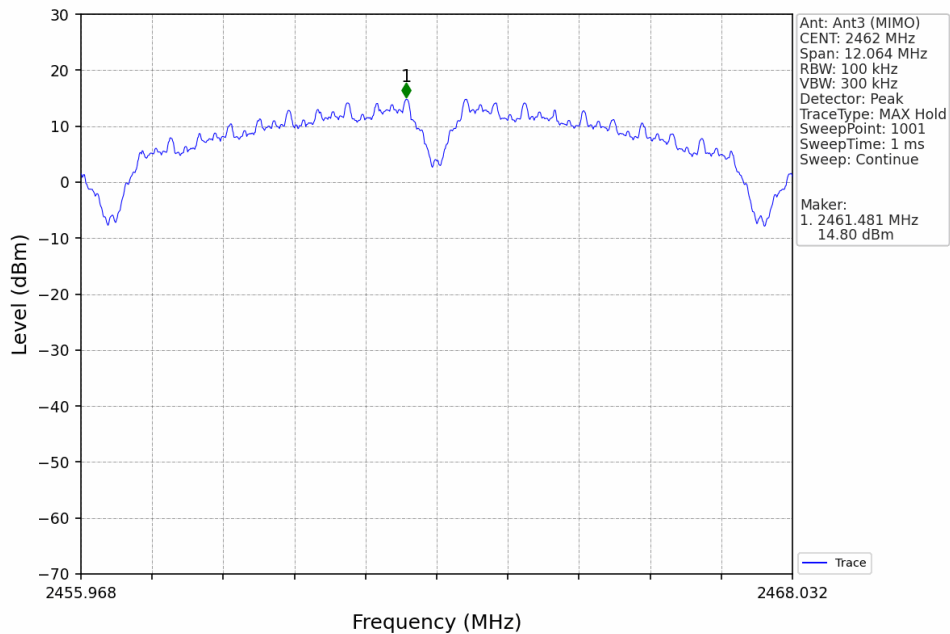
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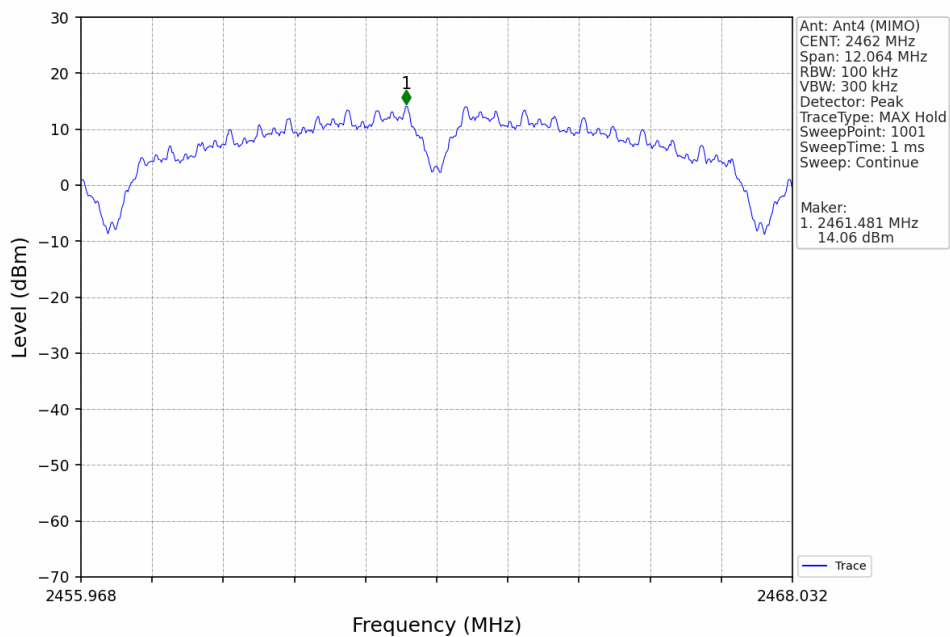
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802.11b_HCH_2462MHz_Ant3 (MIMO)_NTNV



802.11b_HCH_2462MHz_Ant4 (MIMO)_NTNV



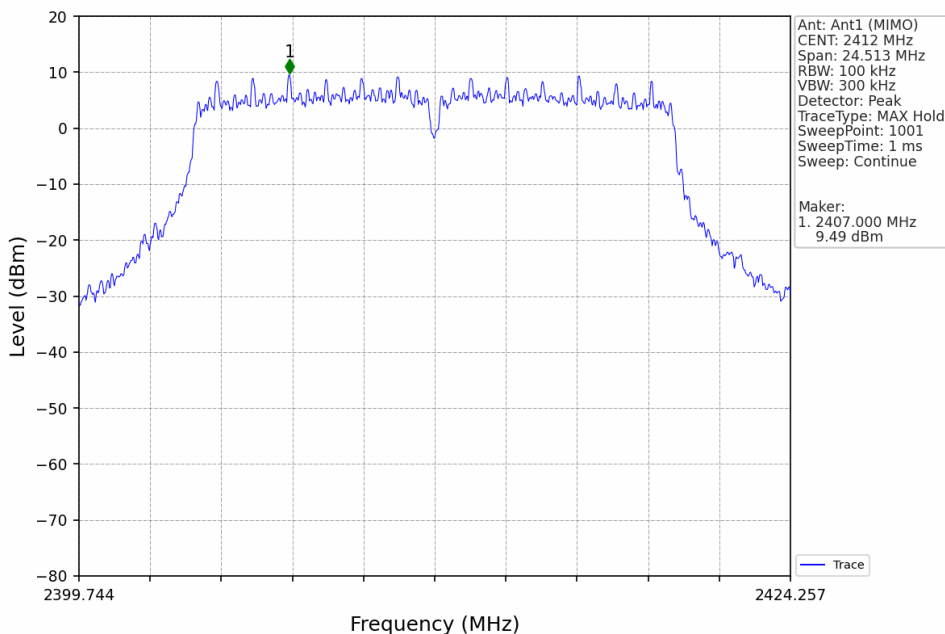
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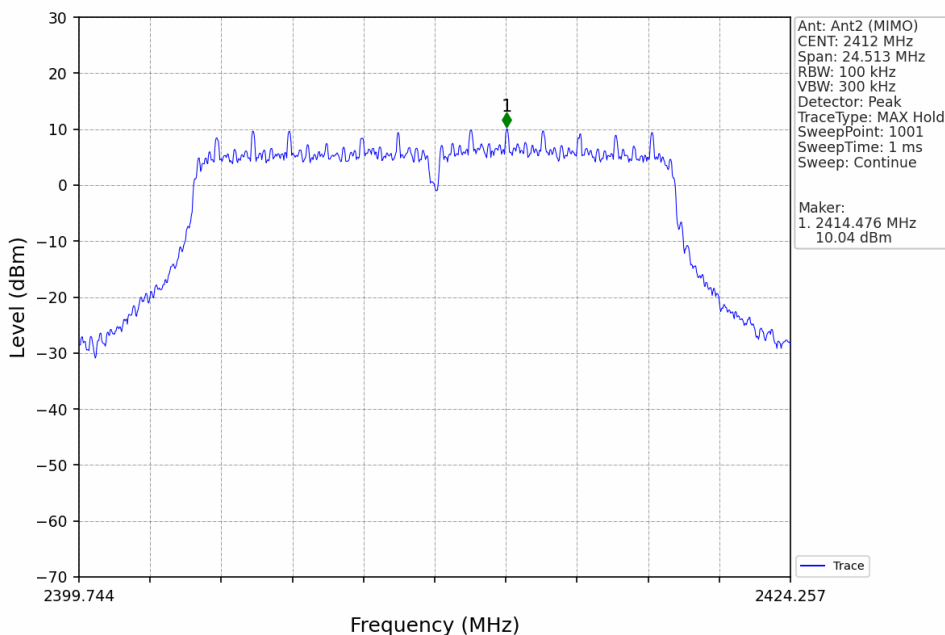
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802.11g_LCH_2412MHz_Ant1 (MIMO)_NTNV



802.11g_LCH_2412MHz_Ant2 (MIMO)_NTNV



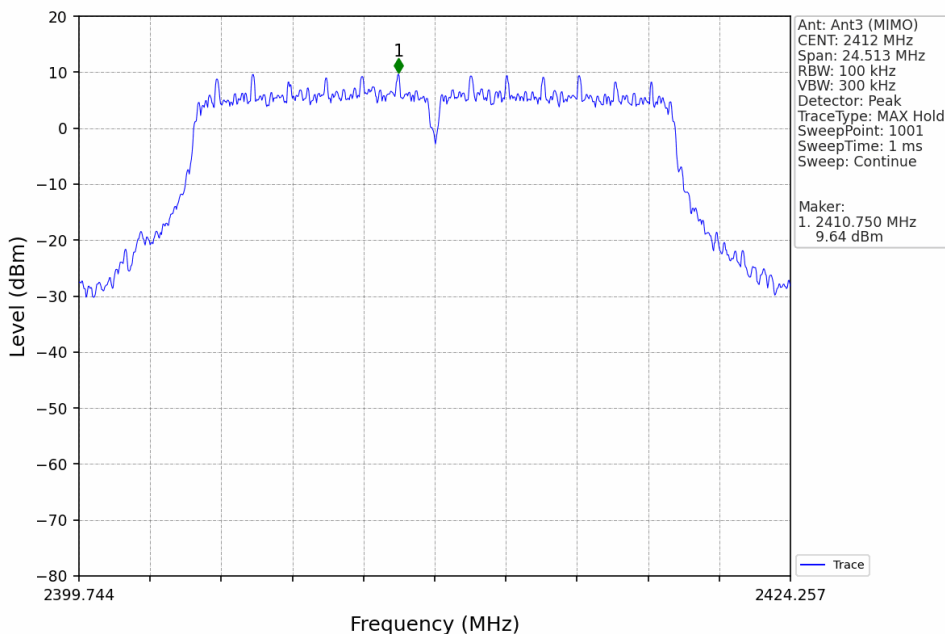
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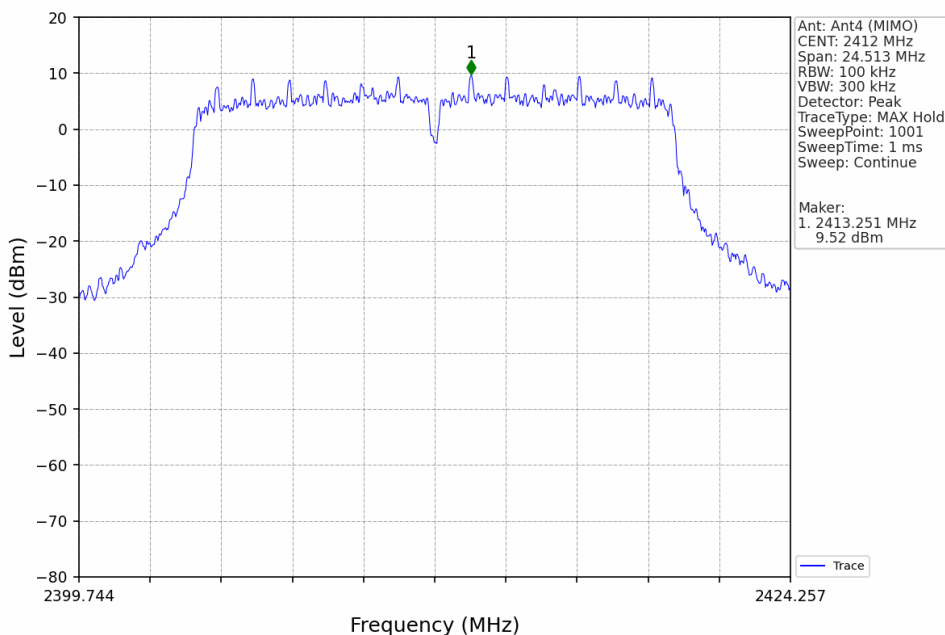
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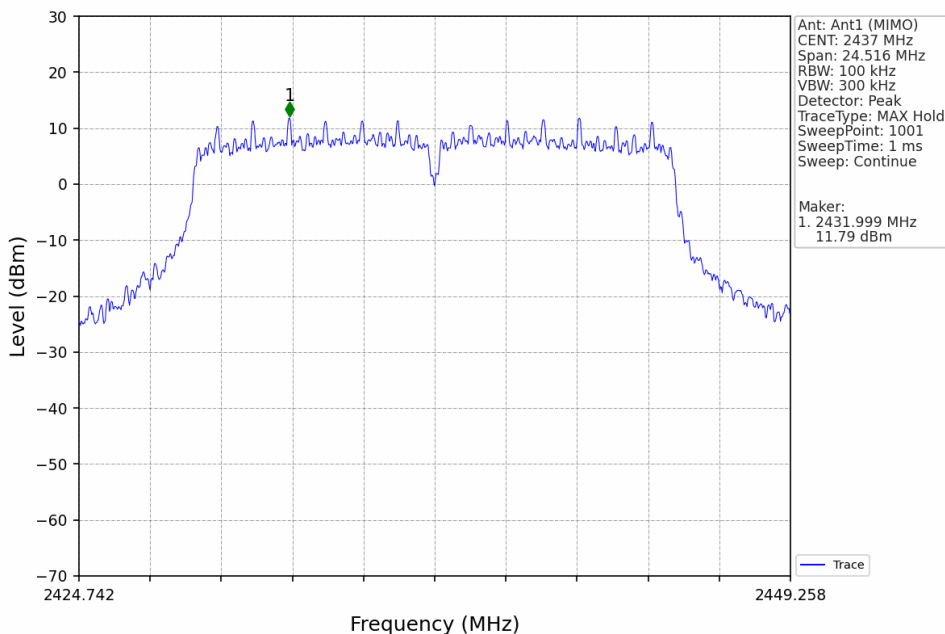
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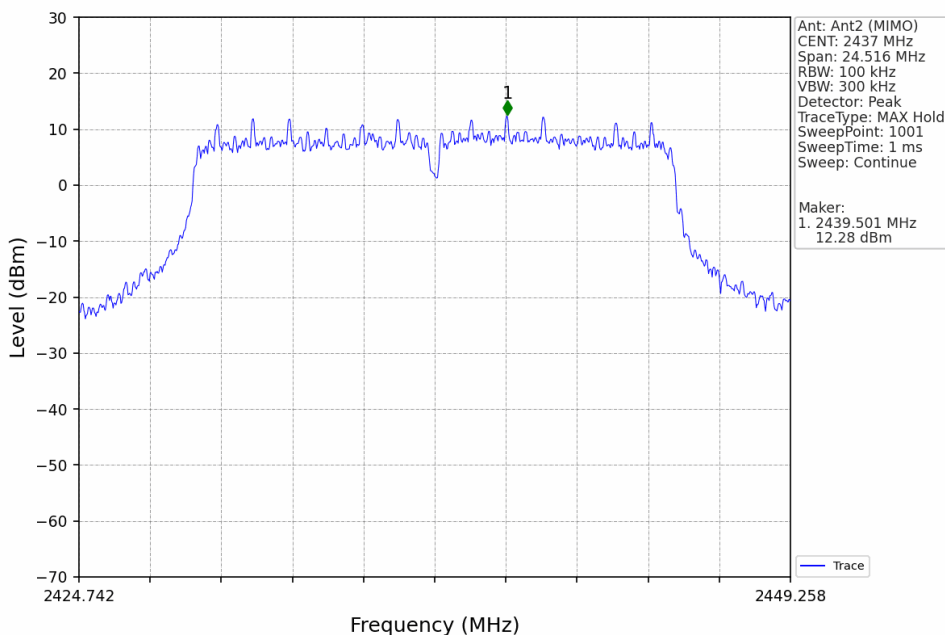
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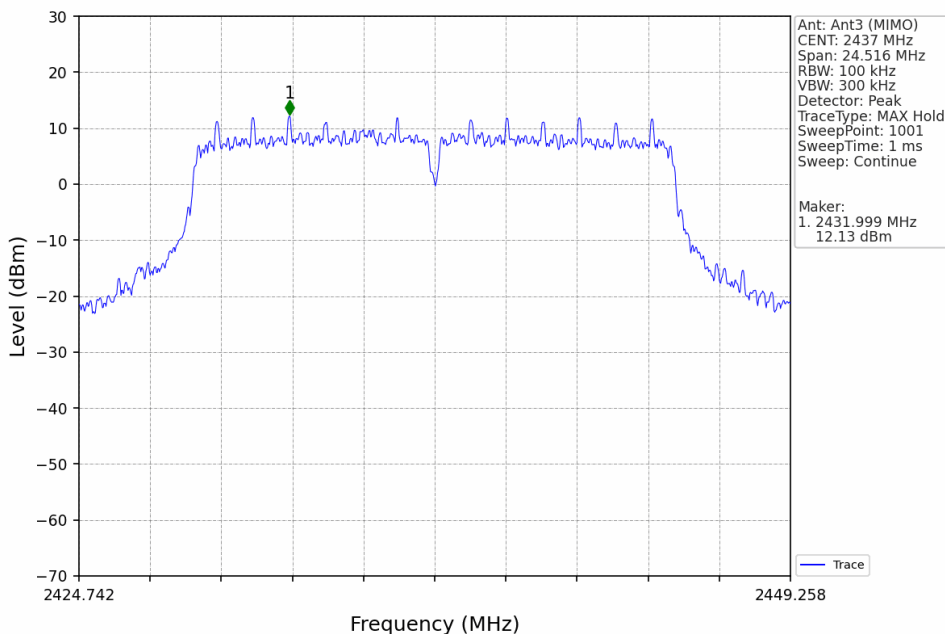
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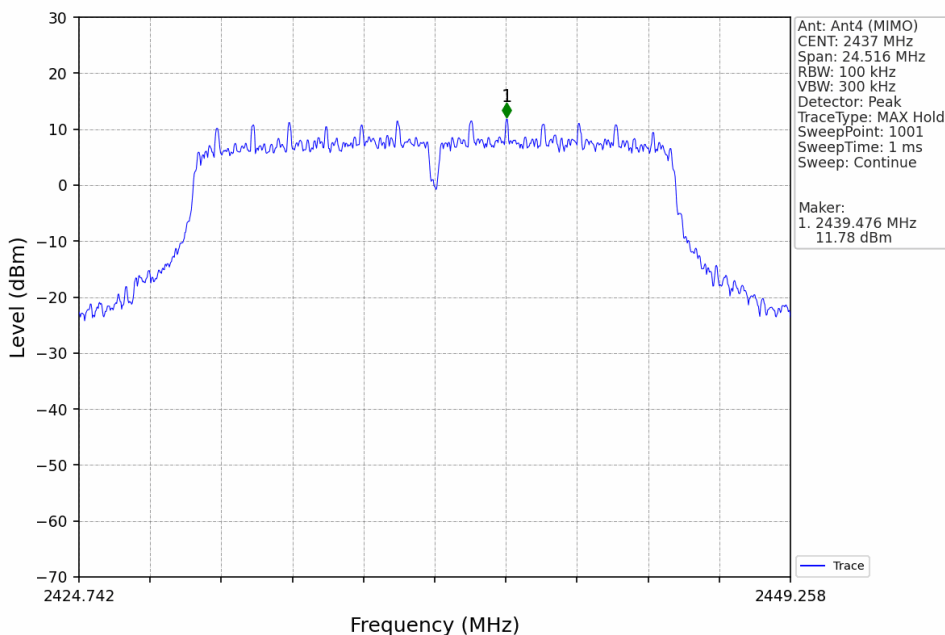
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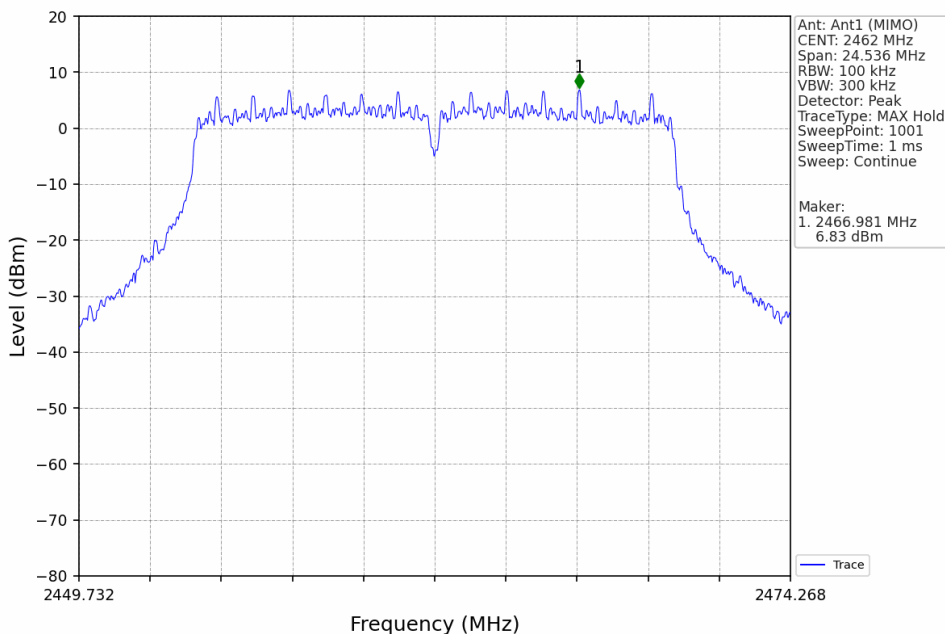
802.11g_MCH_2437MHz_Ant3 (MIMO)_NTNV



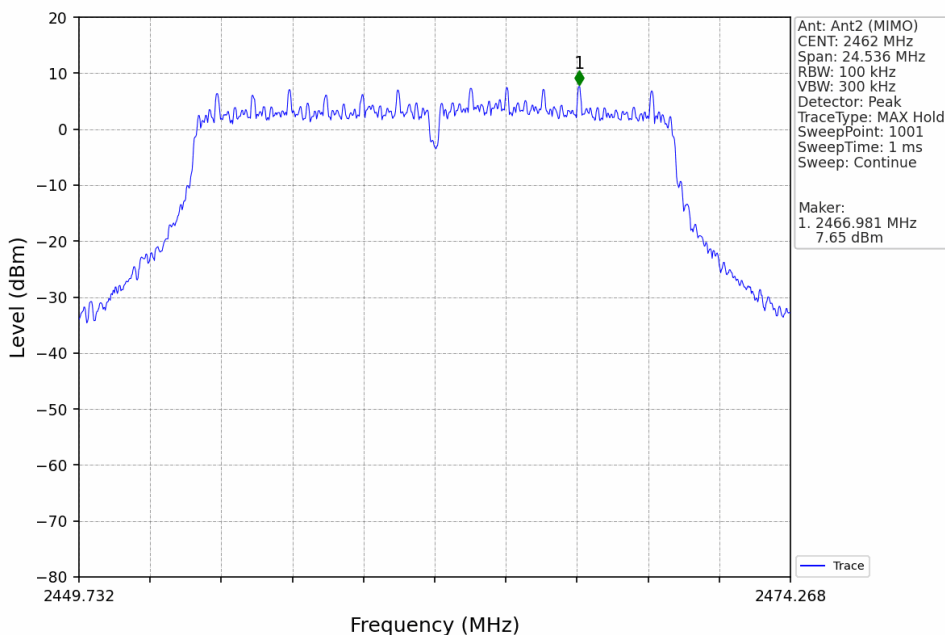
802.11g_MCH_2437MHz_Ant4 (MIMO)_NTNV



802.11g_HCH_2462MHz_Ant1 (MIMO)_NTNV



802.11g_HCH_2462MHz_Ant2 (MIMO)_NTNV



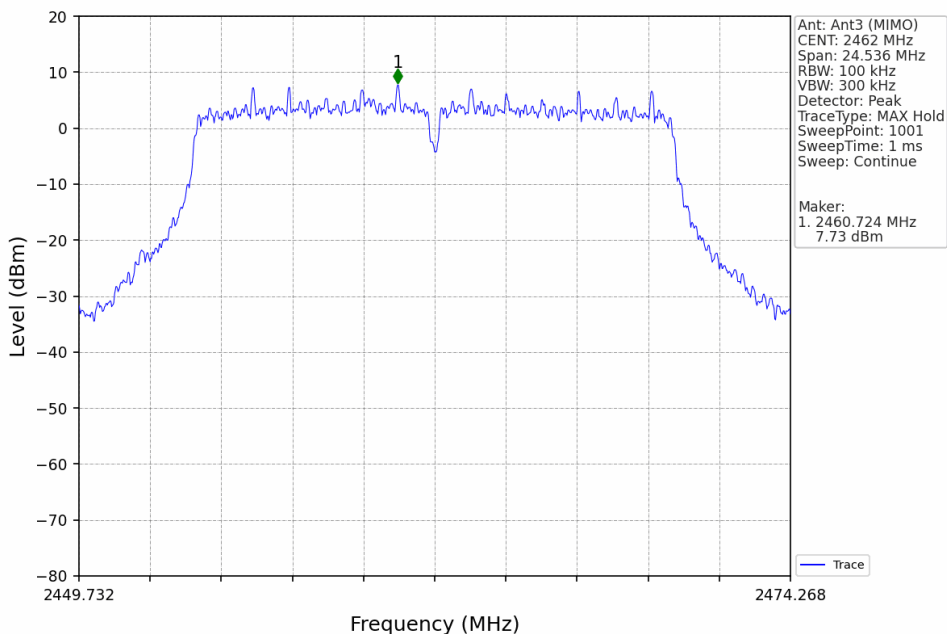
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