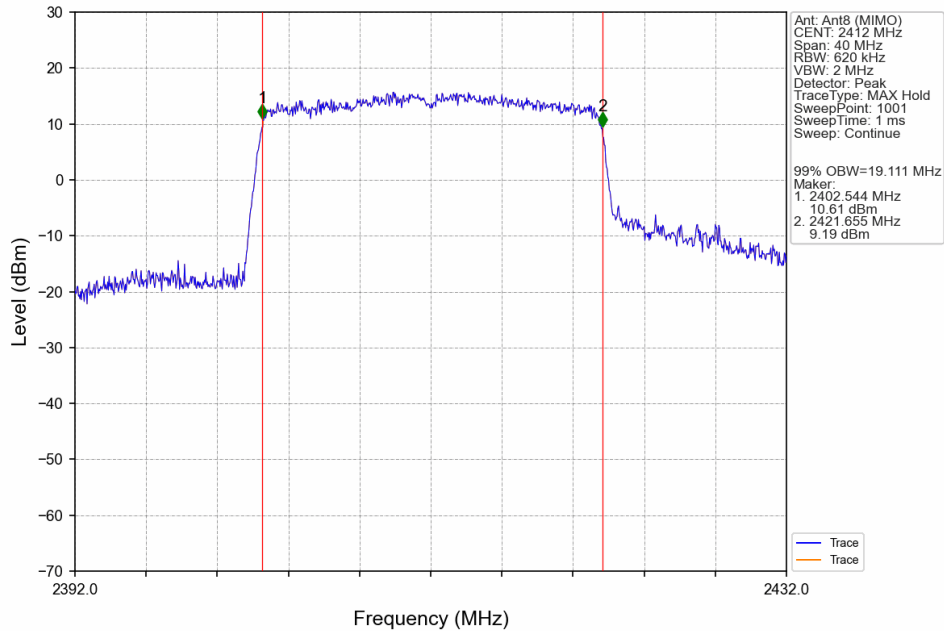
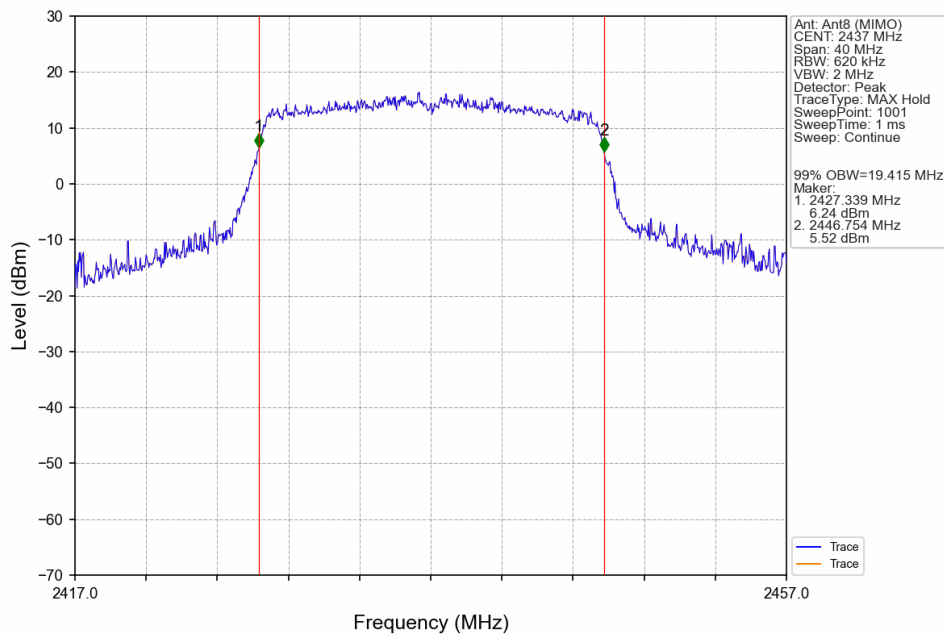


802.11ax(HEW20)_LCH_2412MHz_SU_/_Ant8 (MIMO)_NTNV



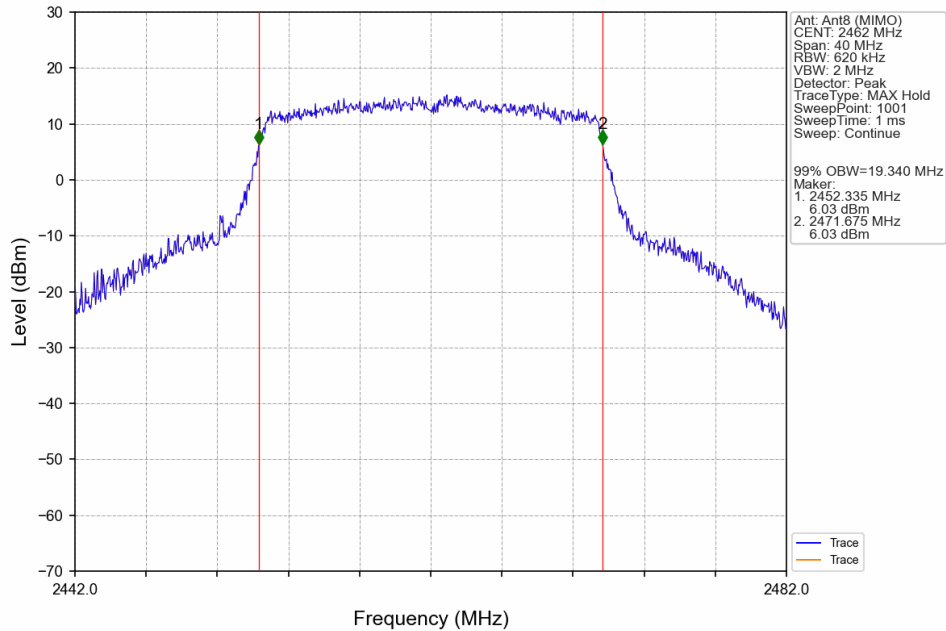
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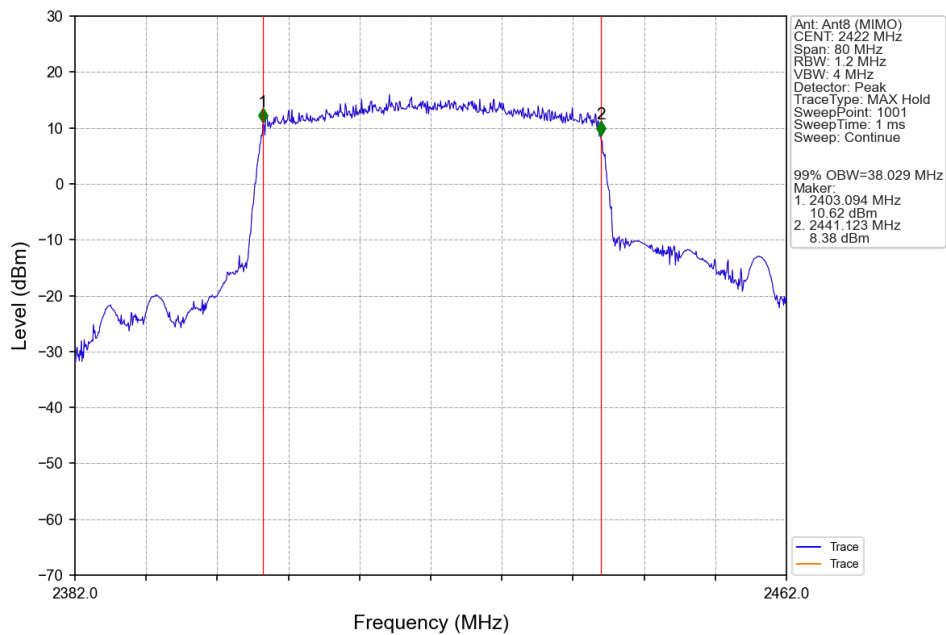
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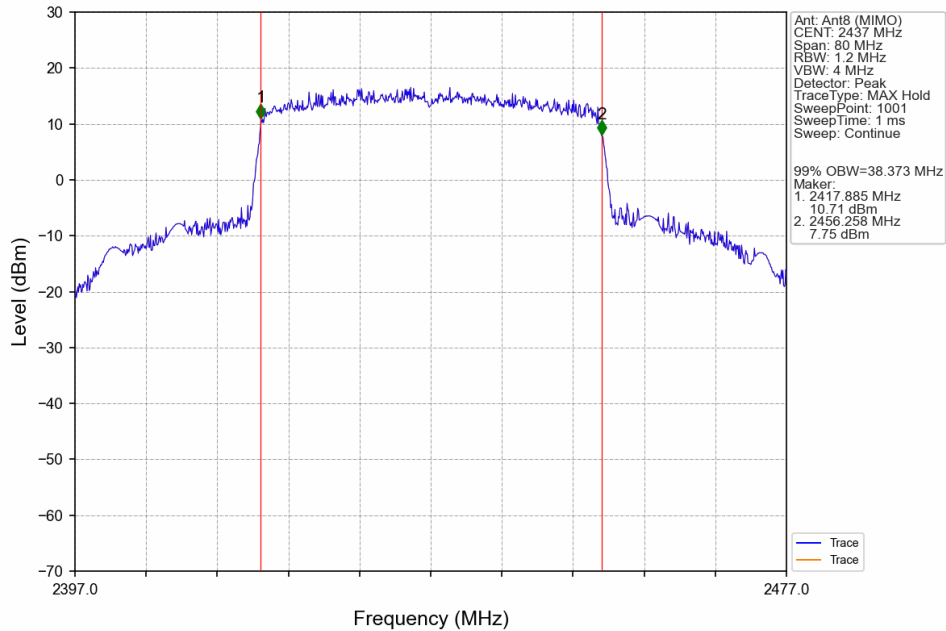
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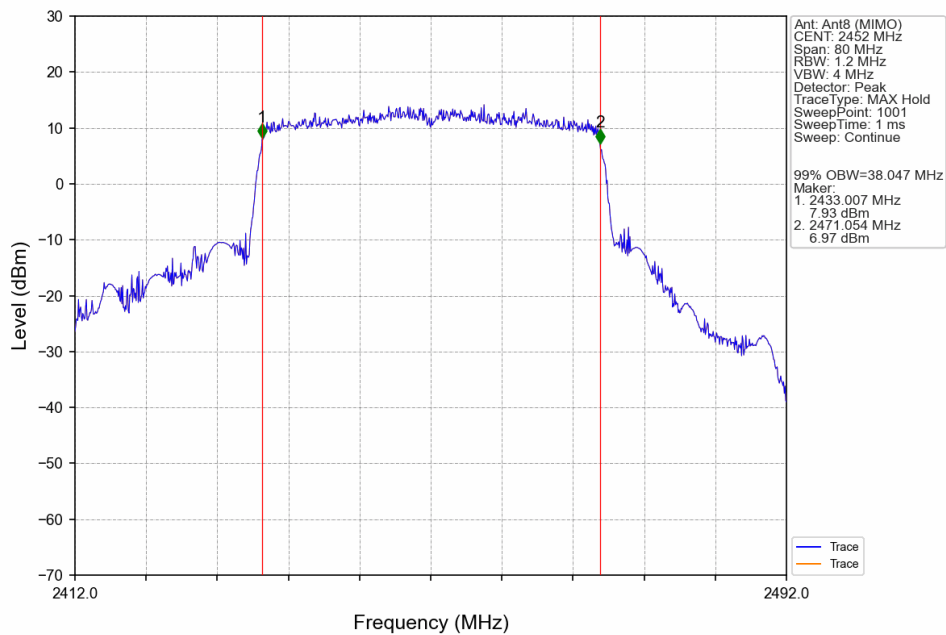
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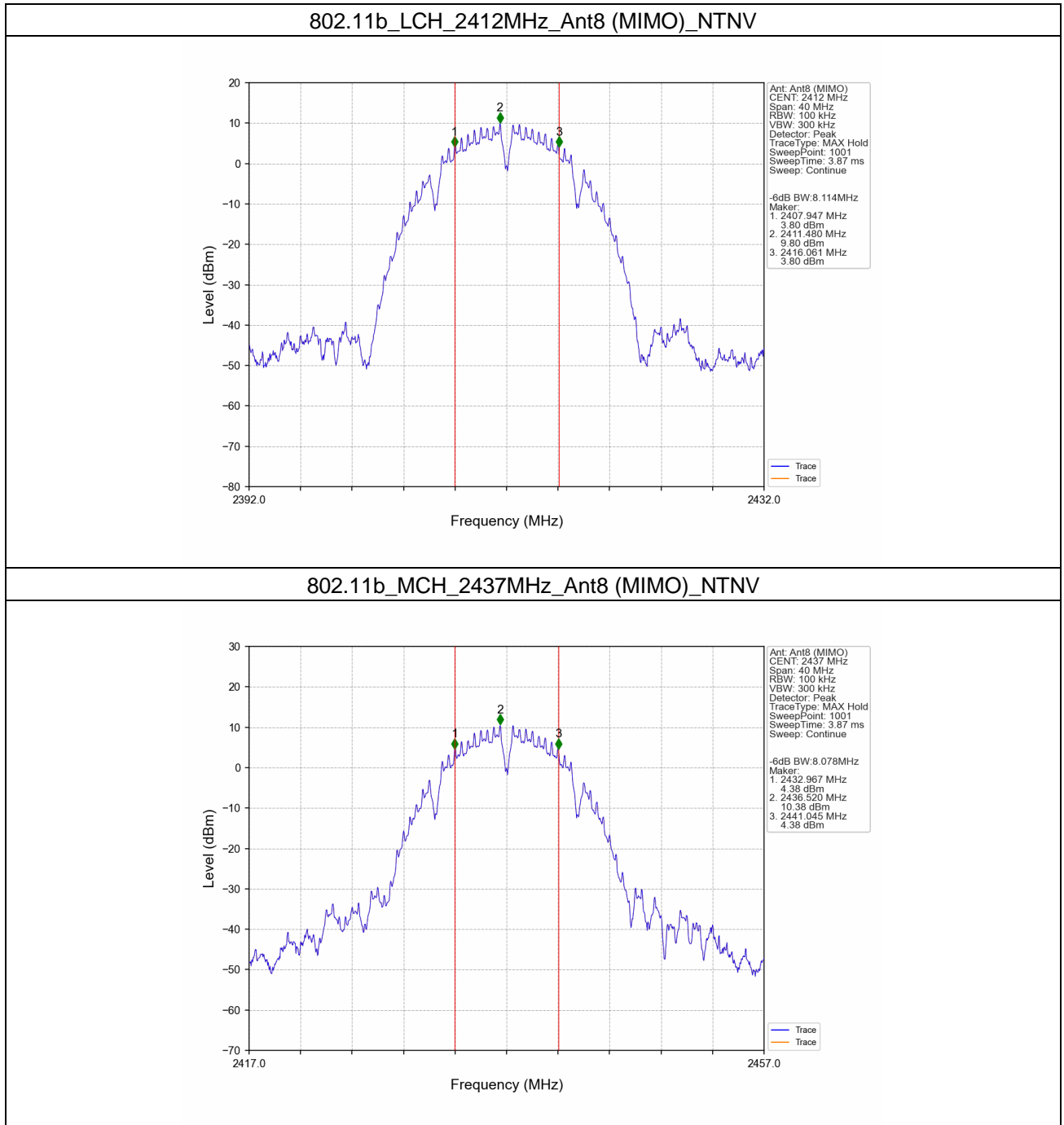
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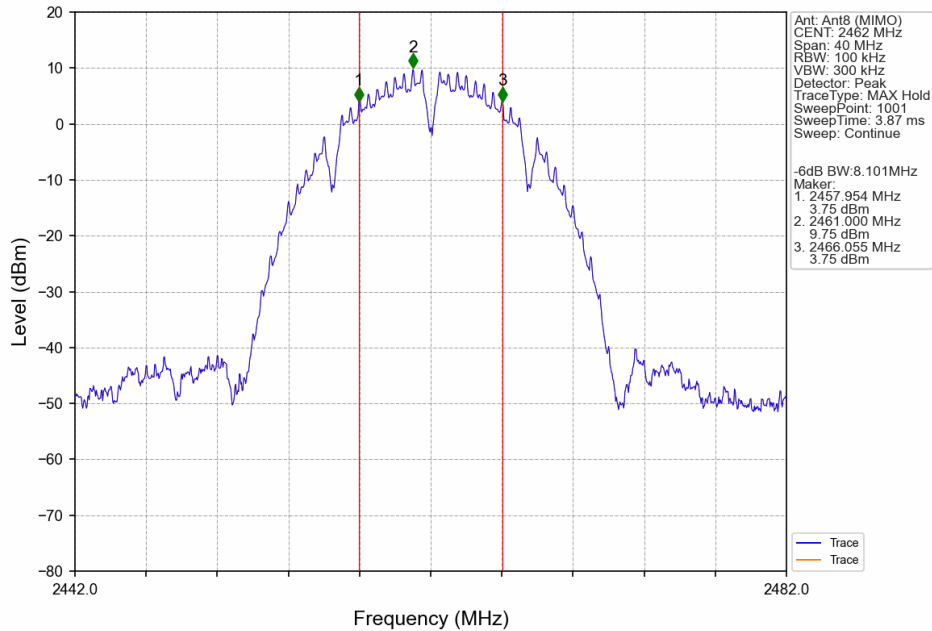
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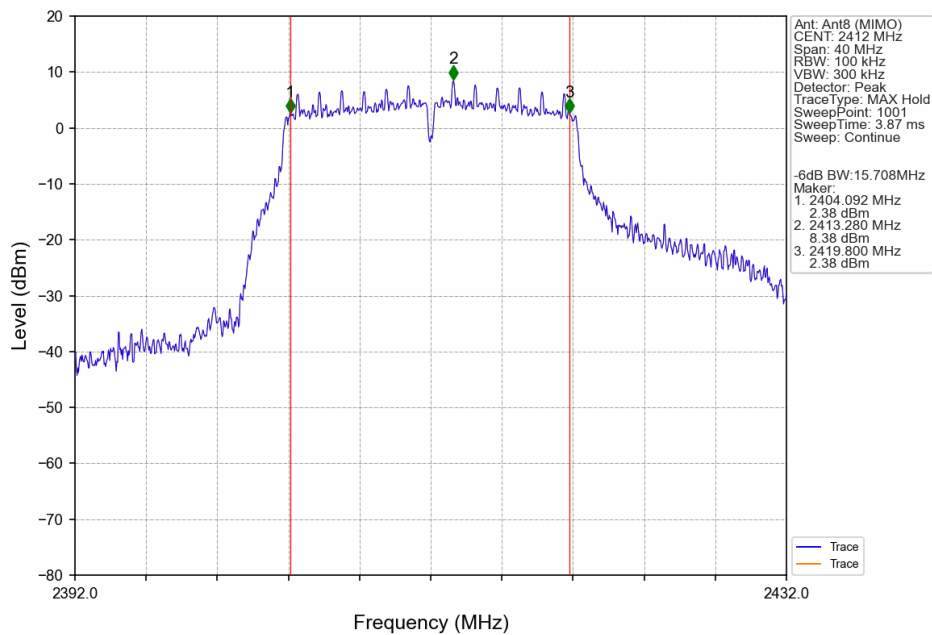
2.2.2 6dB BW



802.11b_HCH_2462MHz_Ant8 (MIMO)_NTNV



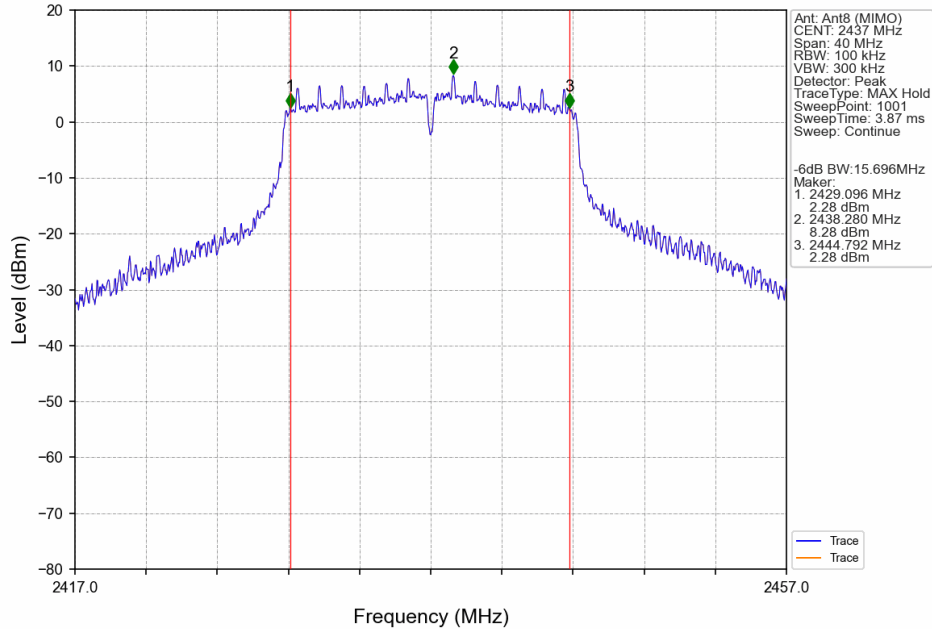
802.11g_LCH_2412MHz_Ant8 (MIMO)_NTNV



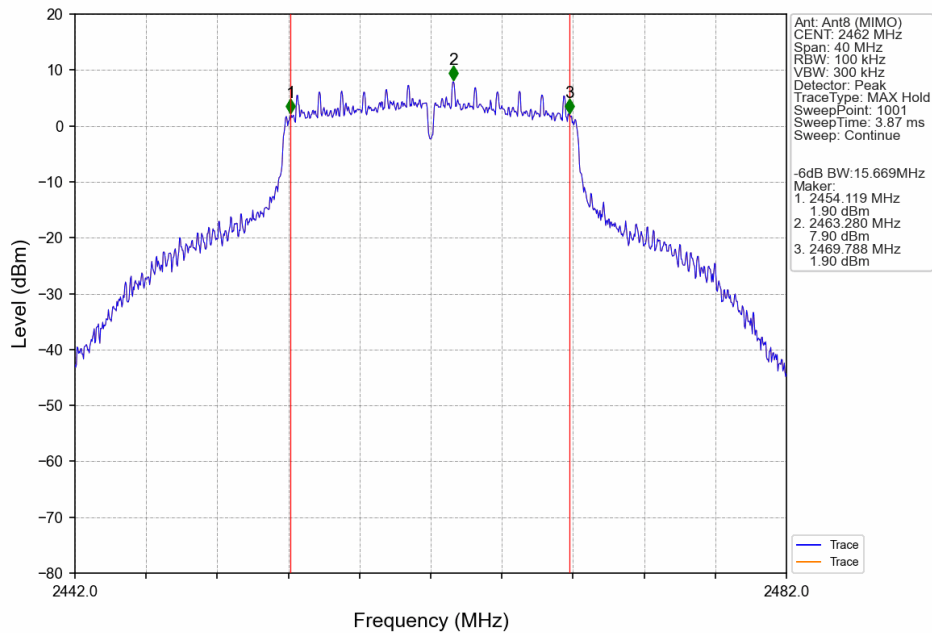
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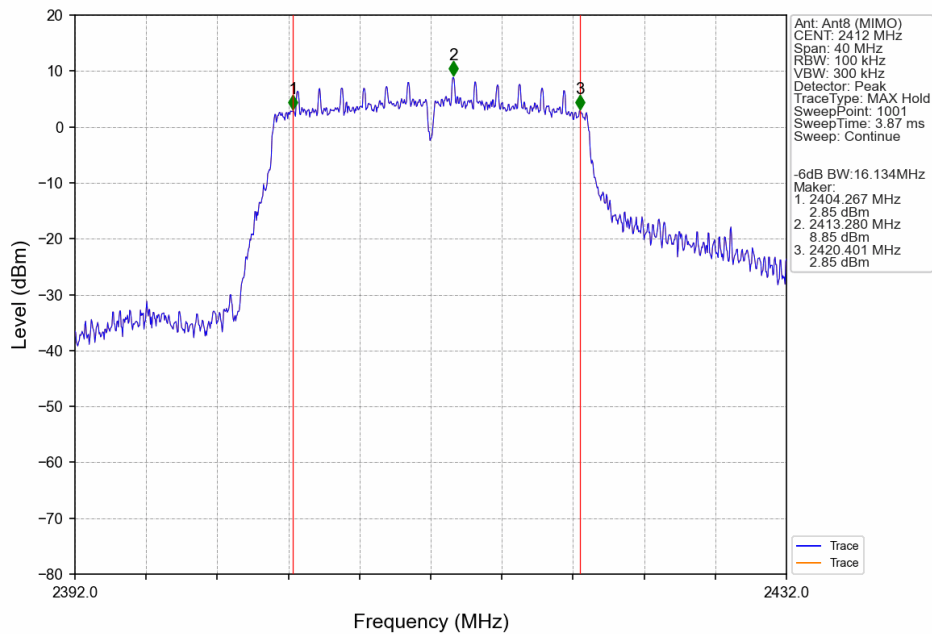
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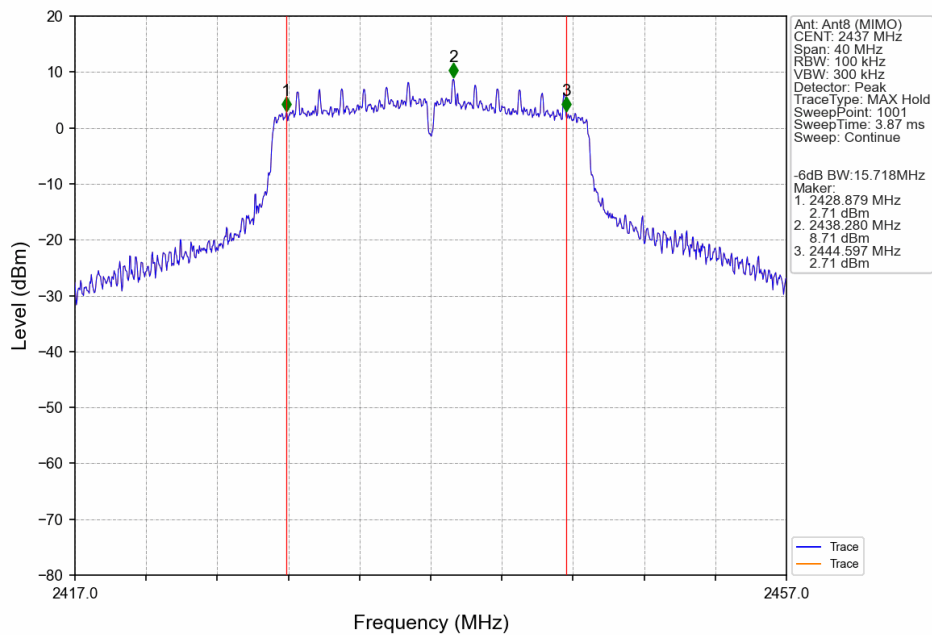
802.11g_HCH_2462MHz_Ant8 (MIMO)_NTNV



802.11n(HT20)_LCH_2412MHz_Ant8 (MIMO)_NTNV



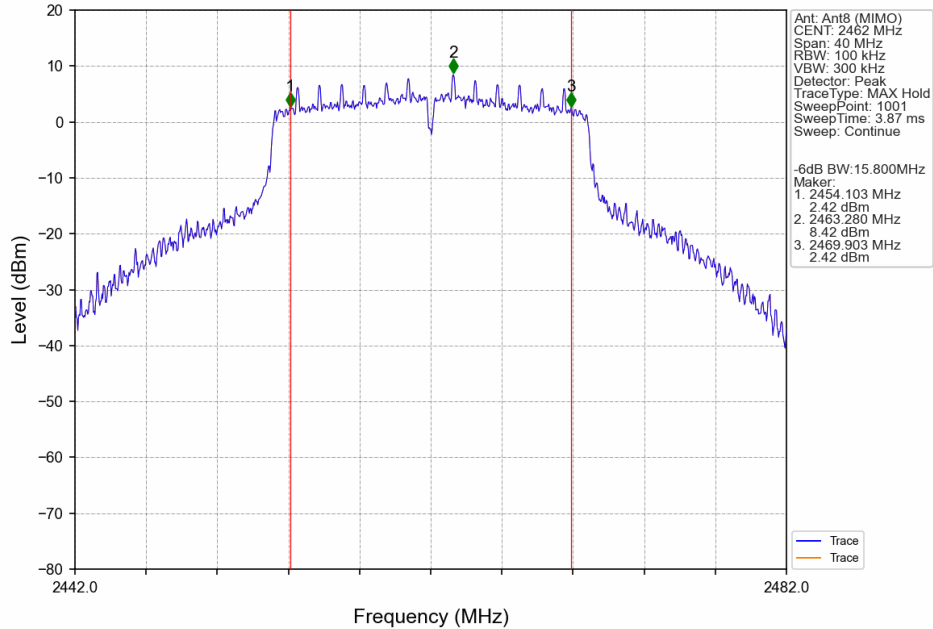
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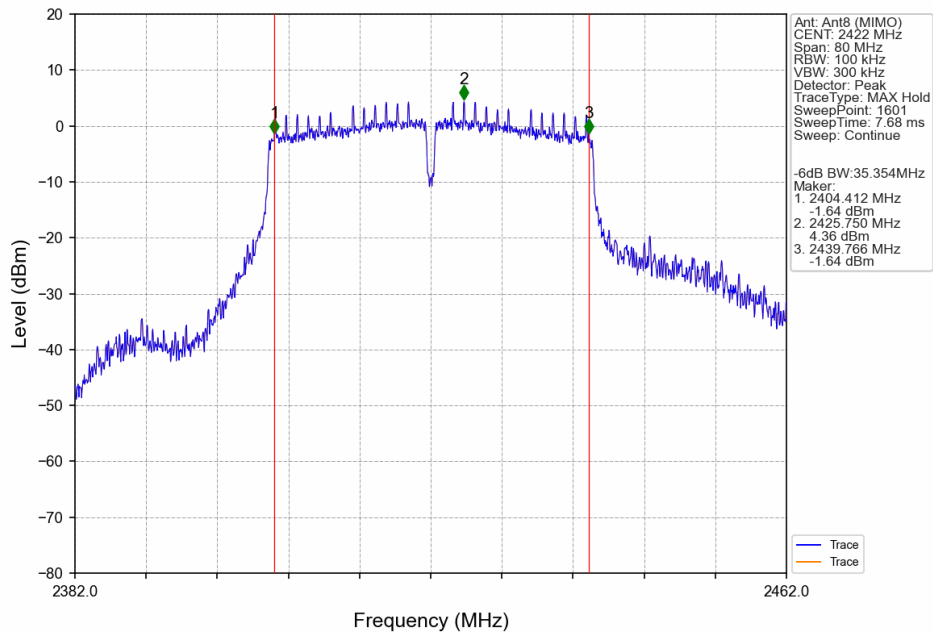
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802.11n(HT20)_HCH_2462MHz_Ant8 (MIMO)_NTNV



802.11n(HT40)_LCH_2422MHz_Ant8 (MIMO)_NTNV



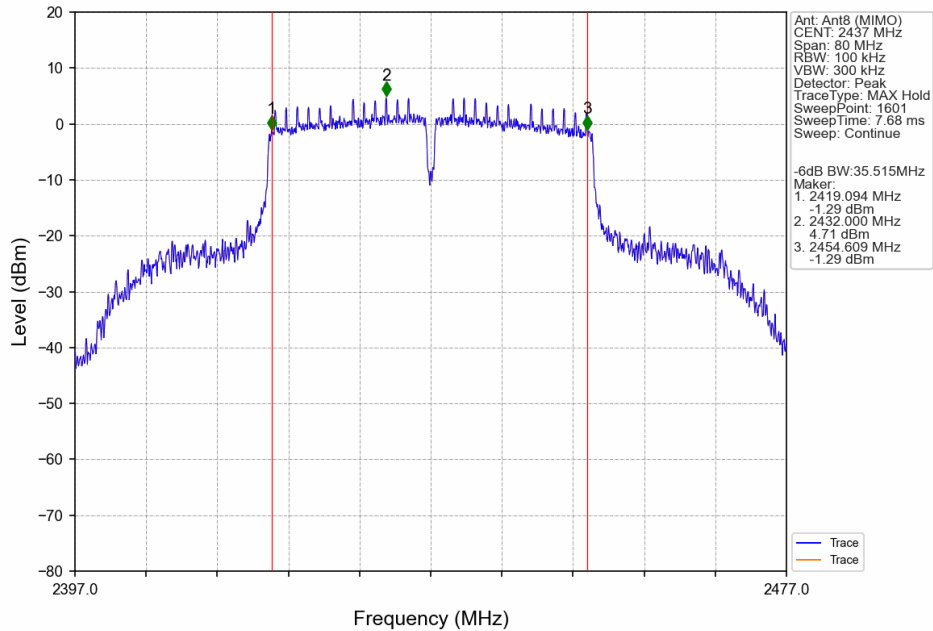
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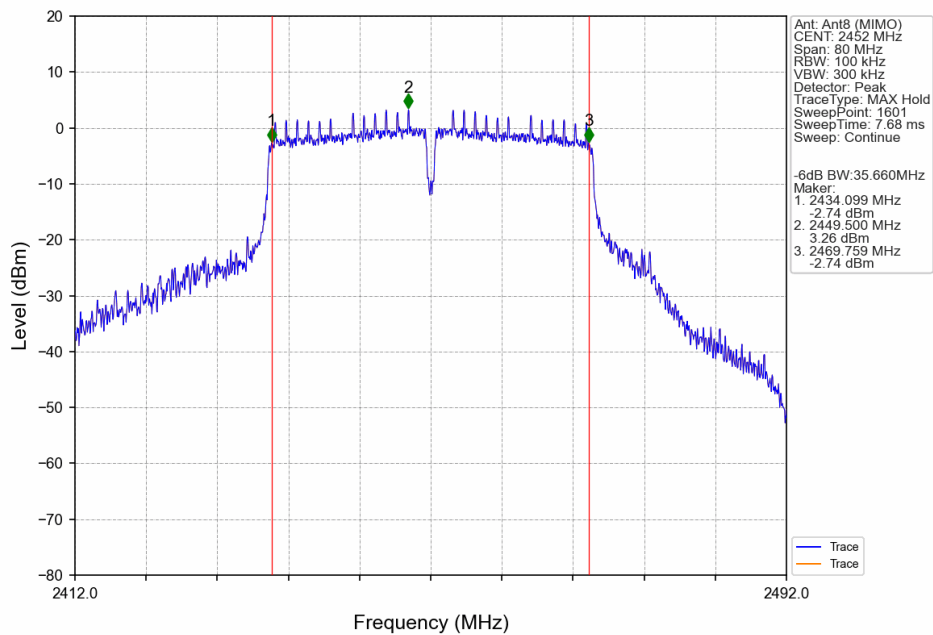
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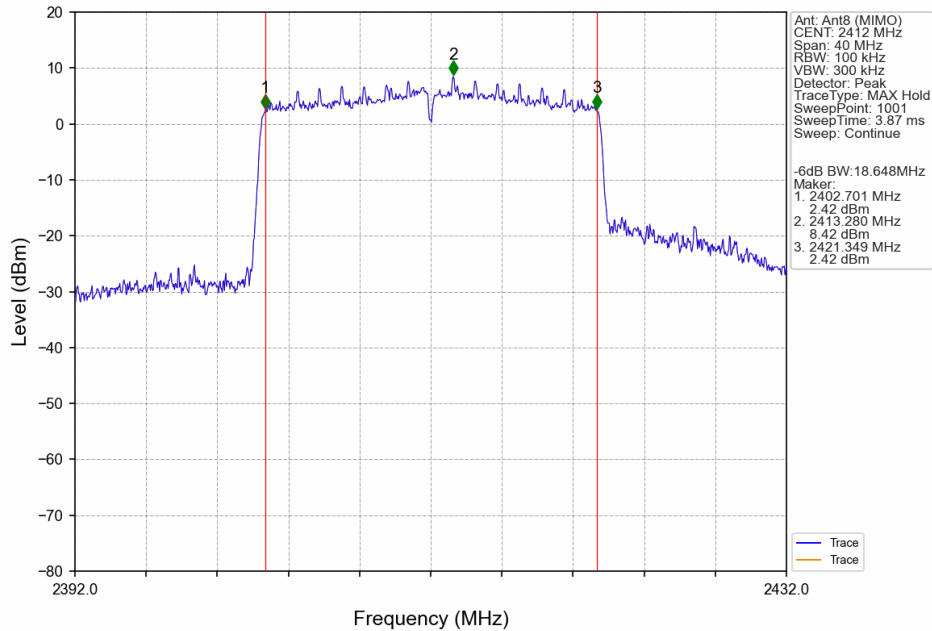
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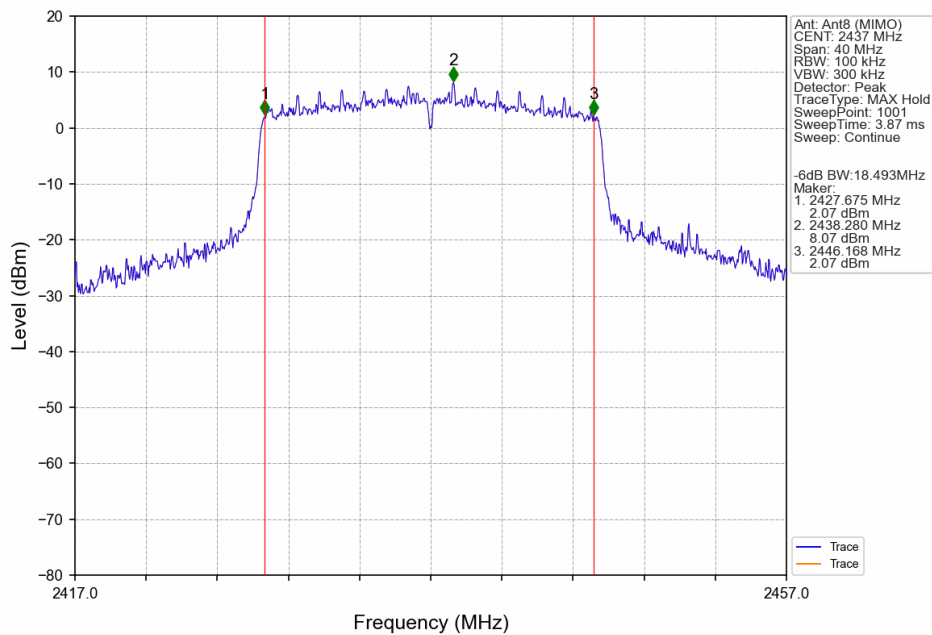
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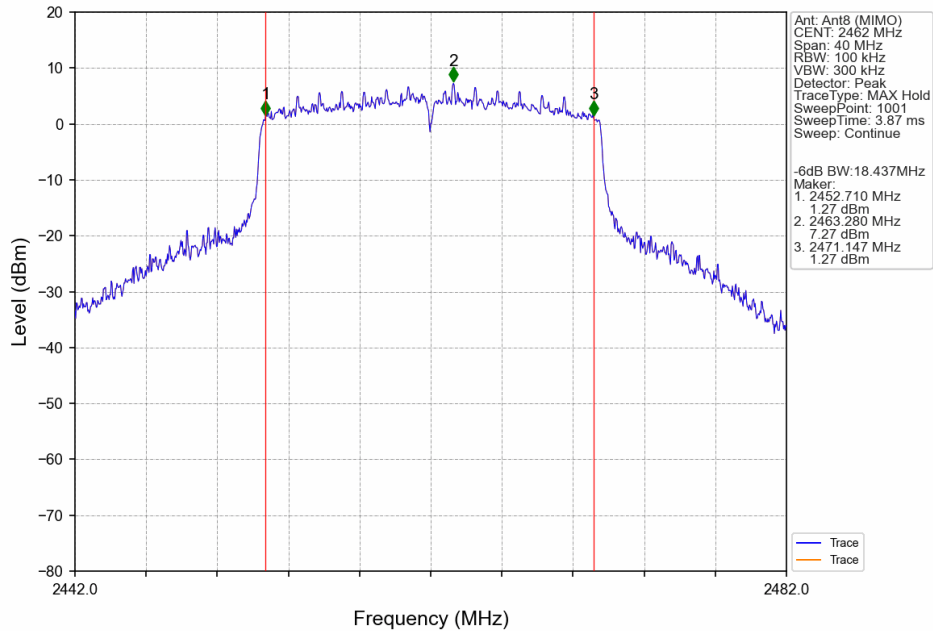
802.11ax(HEW20)_LCH_2412MHz_SU_/_Ant8 (MIMO)_NTNV



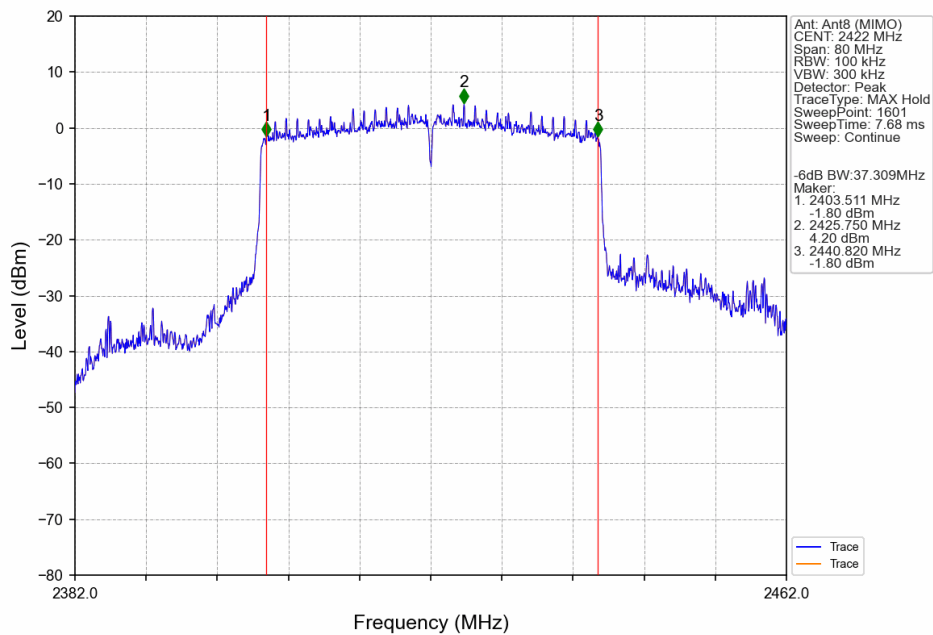
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802.11ax(HEW20)_HCH_2462MHz_SU_/_Ant8 (MIMO)_NTNV



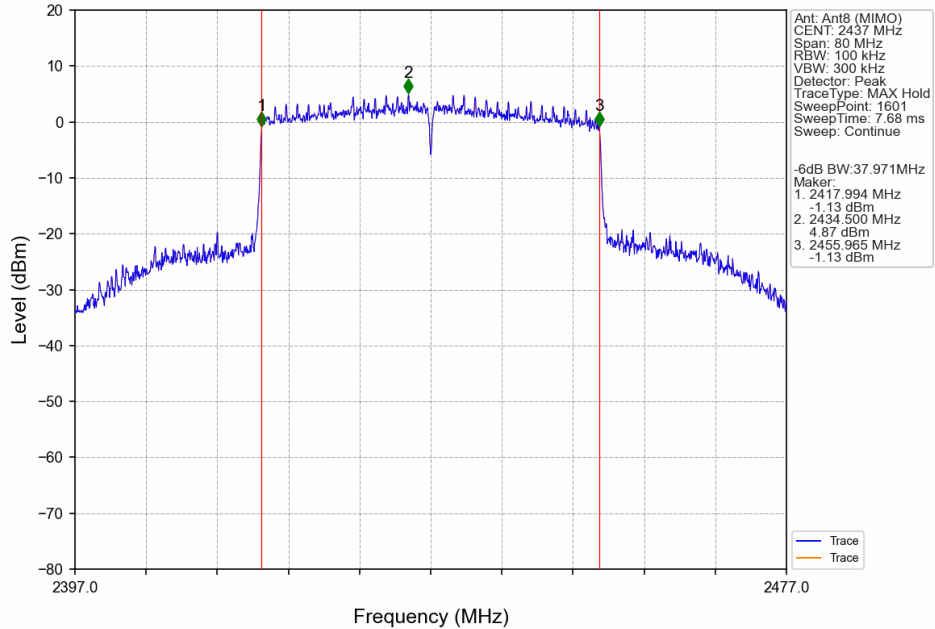
802.11ax(HEW40)_LCH_2422MHz_SU_/_Ant8 (MIMO)_NTNV



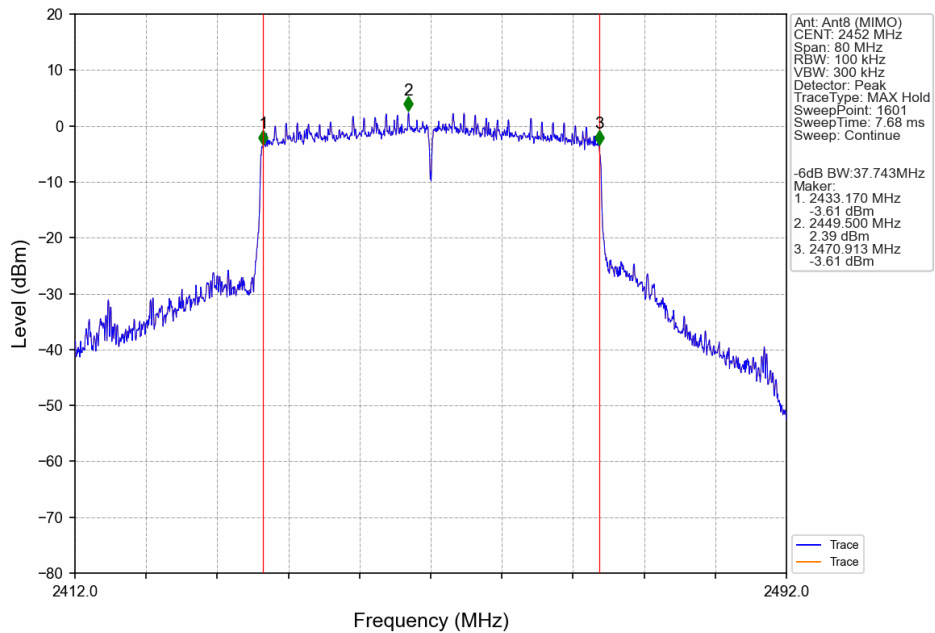
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802.11ax(HEW40)_MCH_2437MHz_SU_/_Ant8 (MIMO)_NTNV



802.11ax(HEW40)_HCH_2452MHz_SU_/_Ant8 (MIMO)_NTNV



3. Maximum Conducted Output Power

3.1 Test Result

3.1.1 Power

Mode	TX Type	Frequency (MHz)	RU	RU Pos	Maximum Peak Conducted Output Power (dBm)				Verdict
					ANT8	ANT10	MIMO	Limit	
802.11b	MIMO	2412	/	/	20.42	19.74	23.10	<=30	Pass
		2437	/	/	20.45	20.08	23.28	<=30	Pass
		2462	/	/	20.16	19.74	22.97	<=30	Pass
802.11g	MIMO	2412	/	/	25.96	25.38	28.69	<=30	Pass
		2437	/	/	25.80	26.13	28.98	<=30	Pass
		2462	/	/	25.45	25.15	28.31	<=30	Pass
802.11n (HT20)	MIMO	2412	/	/	26.22	25.81	29.03	<=30	Pass
		2437	/	/	26.09	26.06	29.09	<=30	Pass
		2462	/	/	25.79	25.60	28.71	<=30	Pass
802.11n (HT40)	MIMO	2422	/	/	24.68	24.29	27.50	<=30	Pass
		2437	/	/	24.65	24.62	27.65	<=30	Pass
		2452	/	/	24.50	24.44	27.48	<=30	Pass
802.11ax (HEW20)	MIMO	2412	RU26	Left	18.25	17.58	20.94	<=30	Pass
			RU52	Left	21.59	21.03	24.33	<=30	Pass
			RU106	Left	24.82	24.23	27.55	<=30	Pass
			SU	/	26.87	26.07	29.50	<=30	Pass
		2437	RU26	Mid	18.61	18.14	21.39	<=30	Pass
			RU52	Mid	21.64	20.95	24.32	<=30	Pass
			RU106	Left	24.62	24.19	27.42	<=30	Pass
			SU	/	26.60	26.25	29.44	<=30	Pass
		2462	RU26	Right	18.57	16.88	20.82	<=30	Pass
			RU52	Right	21.46	20.32	23.94	<=30	Pass
			RU106	Right	23.83	22.82	26.36	<=30	Pass
			SU	/	26.65	26.26	29.47	<=30	Pass
802.11ax (HEW40)	MIMO	2422	RU242	Left	24.94	24.25	27.62	<=30	Pass
			SU	/	25.37	24.83	28.12	<=30	Pass
		2437	RU242	Left	24.78	24.92	27.86	<=30	Pass
			SU	/	25.36	24.88	28.14	<=30	Pass
		2452	RU242	Right	24.73	24.63	27.69	<=30	Pass
			SU	/	25.42	24.95	28.20	<=30	Pass



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Note1: Antenna Gain: Ant8: 1.88dBi; Ant10: -2.15dBi;
Note2: Directional Gain: 1.88dBi

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
					ANT8	ANT10	MIMO	Limit	
802.11b	MIMO	2412	/	/	-4.20	-3.74	-1.89	<=8	Pass
		2437	/	/	-4.29	-3.92	-1.78	<=8	Pass
		2462	/	/	-4.34	-4.77	-1.54	<=8	Pass
802.11g	MIMO	2412	/	/	-6.25	-7.76	-5.06	<=8	Pass
		2437	/	/	-6.23	-6.81	-4.40	<=8	Pass
		2462	/	/	-6.83	-7.77	-4.99	<=8	Pass
802.11n (HT20)	MIMO	2412	/	/	-4.75	-6.93	-3.26	<=8	Pass
		2437	/	/	-5.91	-7.11	-4.60	<=8	Pass
		2462	/	/	-5.29	-7.10	-3.83	<=8	Pass
802.11n (HT40)	MIMO	2422	/	/	-10.54	-11.74	-9.29	<=8	Pass
		2437	/	/	-11.70	-10.97	-9.37	<=8	Pass
		2452	/	/	-9.76	-11.46	-9.20	<=8	Pass
802.11ax (HEW20)	MIMO	2412	RU26	Left	-9.13	-10.23	-6.75	<=8	Pass
			RU52	Left	-8.90	-9.92	-6.56	<=8	Pass
			RU106	Left	-8.32	-9.41	-5.83	<=8	Pass
			SU	/	-8.27	-9.14	-5.95	<=8	Pass
		2437	RU26	Mid	-8.63	-8.25	-6.06	<=8	Pass
			RU52	Mid	-8.42	-9.18	-6.97	<=8	Pass
			RU106	Left	-8.94	-8.64	-6.05	<=8	Pass
			SU	/	-7.09	-7.72	-5.72	<=8	Pass
		2462	RU26	Right	-10.08	-10.78	-8.09	<=8	Pass
			RU52	Right	-9.51	-10.35	-6.90	<=8	Pass
			RU106	Right	-9.15	-10.41	-6.91	<=8	Pass
			SU	/	-8.15	-8.79	-6.12	<=8	Pass
802.11ax (HEW40)	MIMO	2422	RU242	Left	-11.33	-11.99	-9.32	<=8	Pass
			SU	/	-11.59	-13.14	-10.85	<=8	Pass
		2437	RU242	Left	-11.70	-11.70	-9.30	<=8	Pass
			SU	/	-13.19	-12.17	-10.74	<=8	Pass
		2452	RU242	Right	-11.62	-12.13	-10.12	<=8	Pass
			SU	/	-10.57	-11.90	-9.77	<=8	Pass



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SZEMC-TRF-01 Rev. A/1

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Note1: Antenna Gain: Ant8: 1.88dBi; Ant10: -2.15dBi;
Note2: Directional Gain: 1.88dBi



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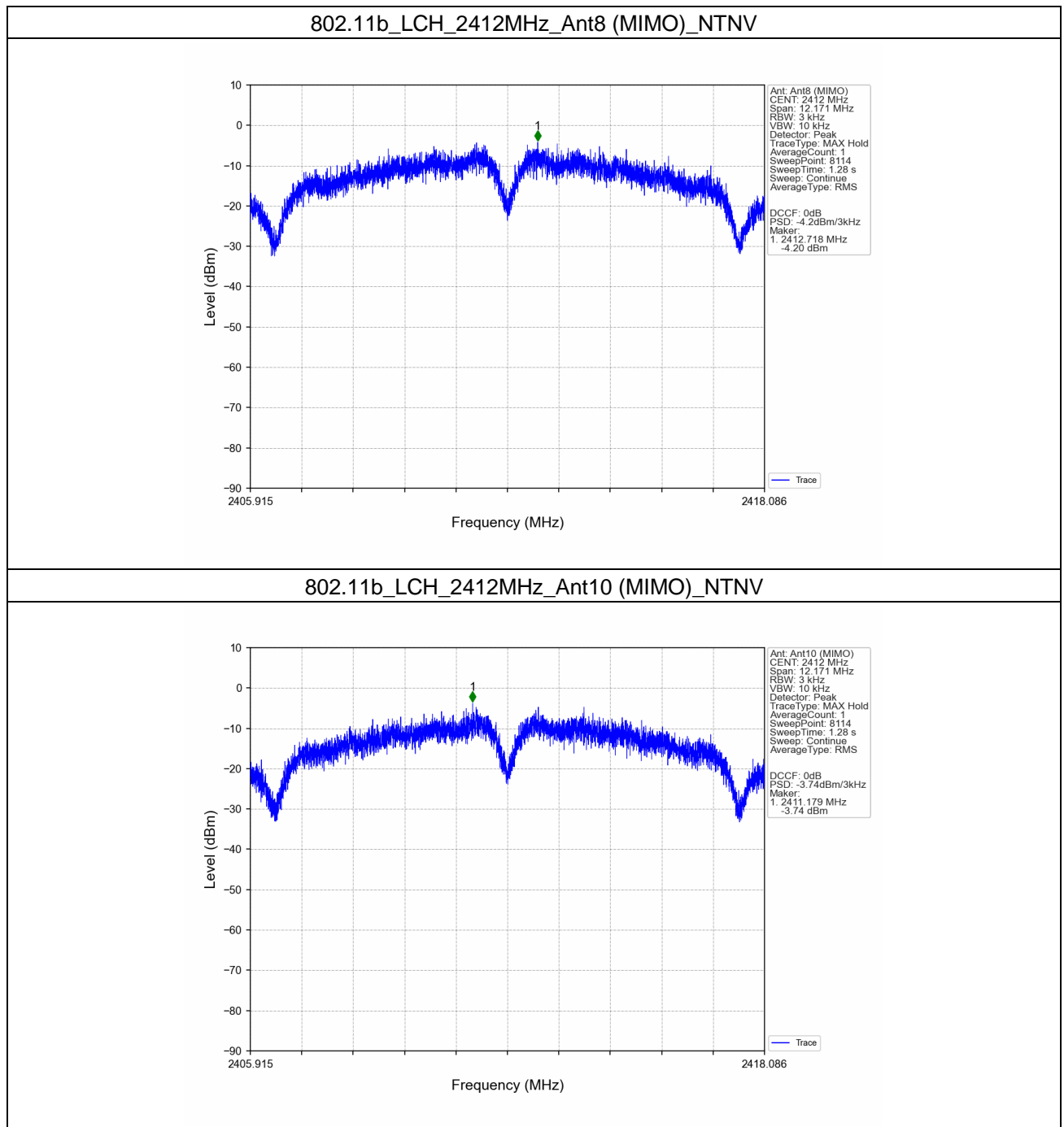
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4.2 Test Graph

4.2.1 PSD



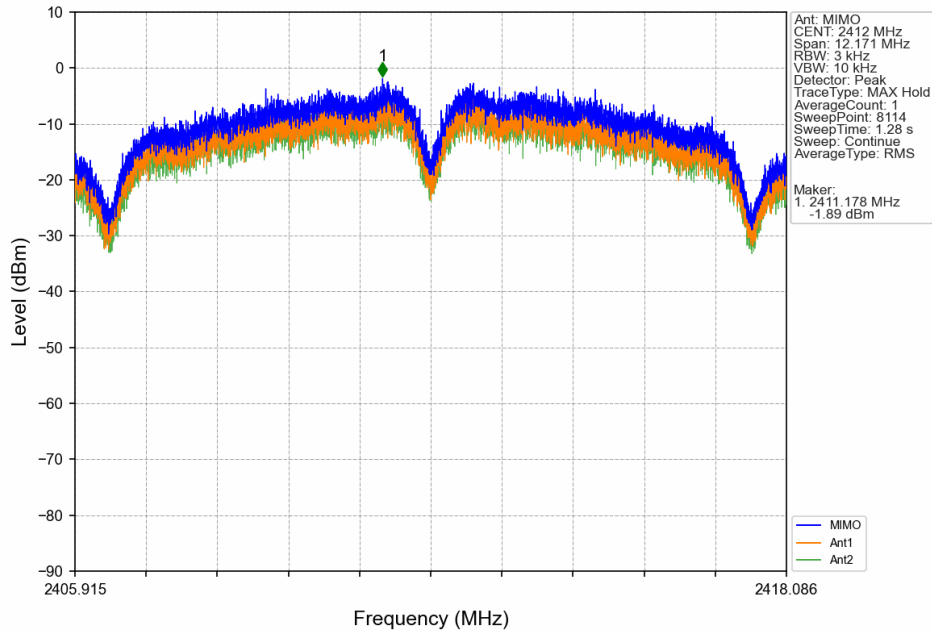
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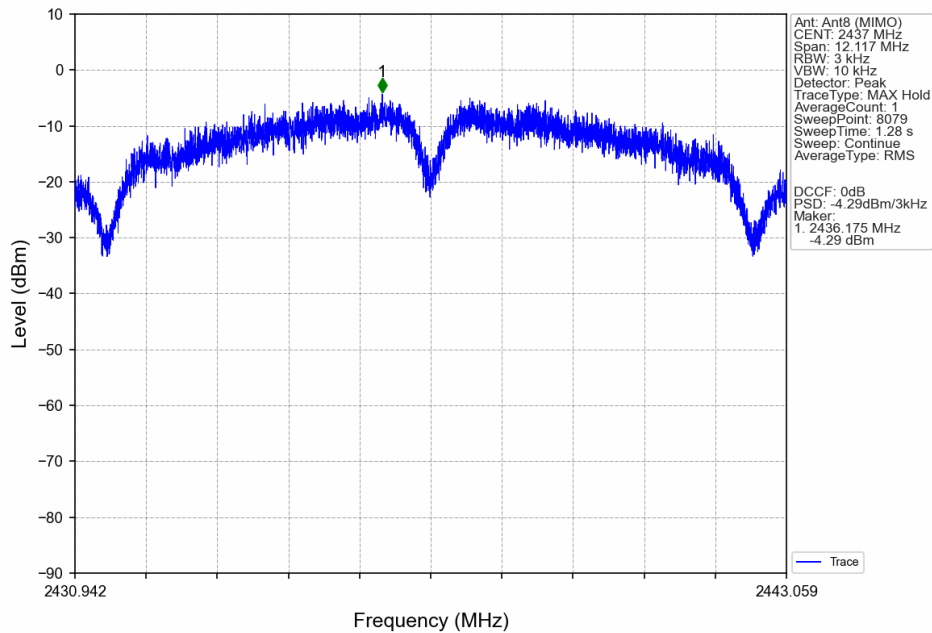
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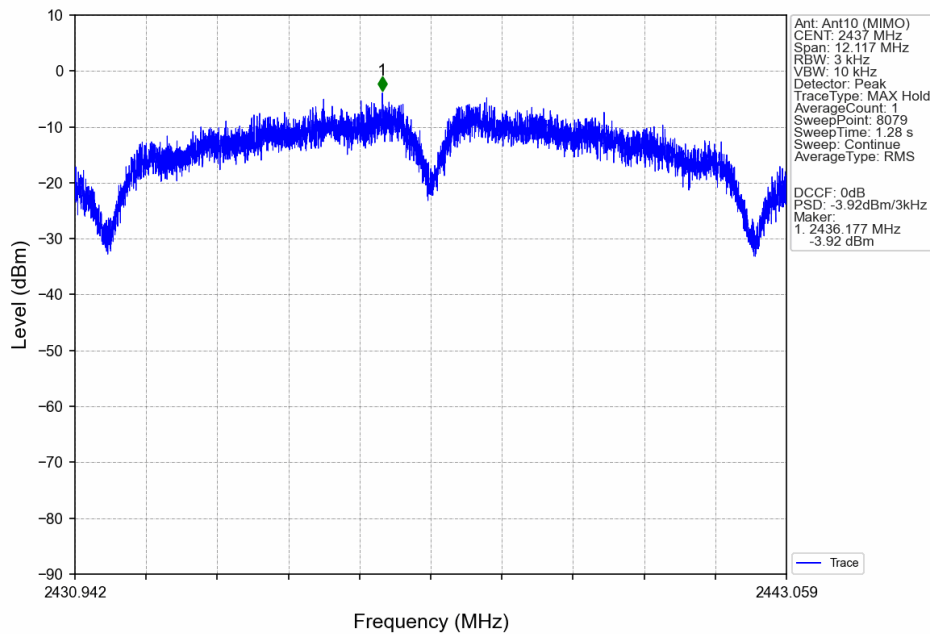
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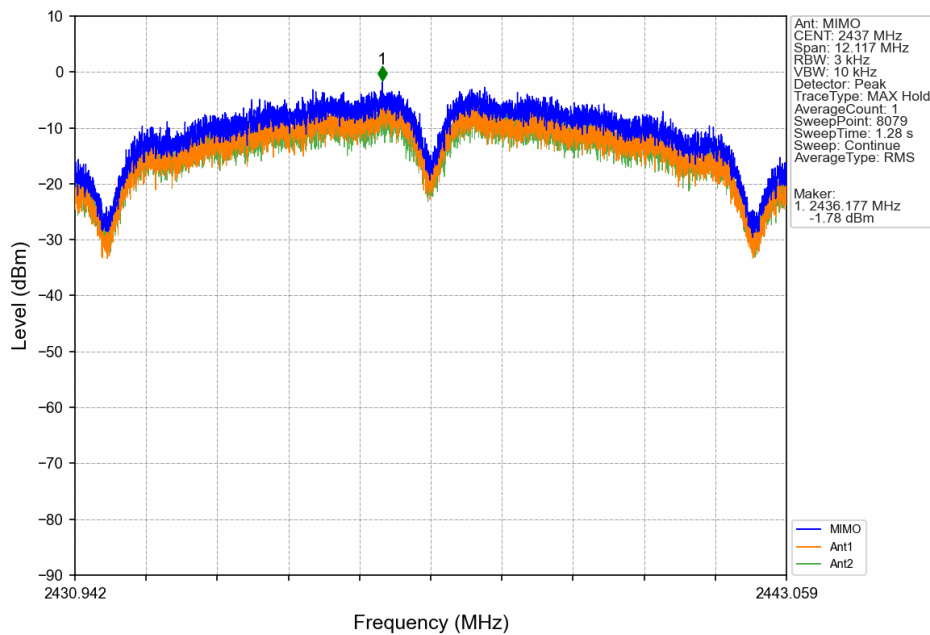
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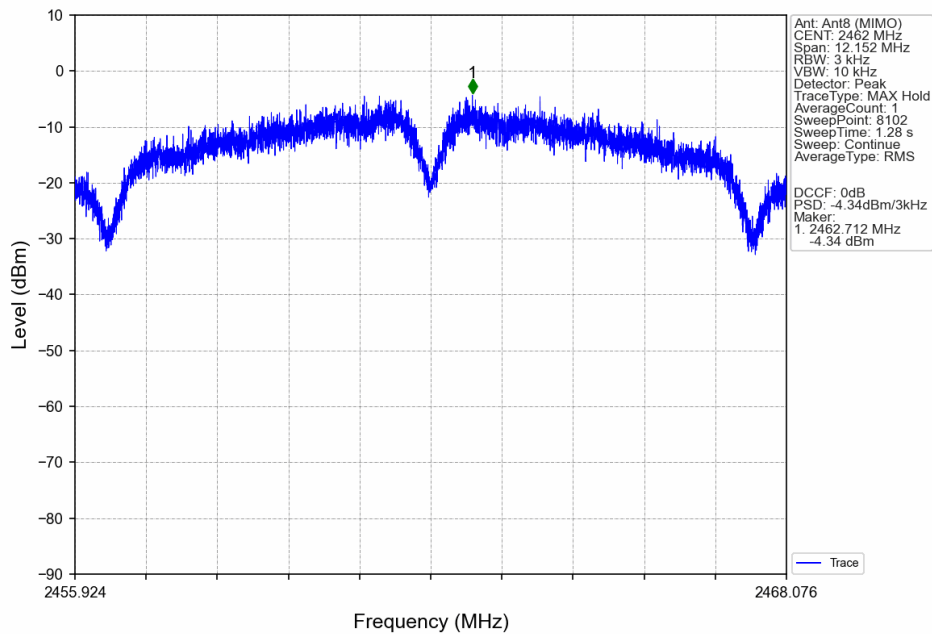
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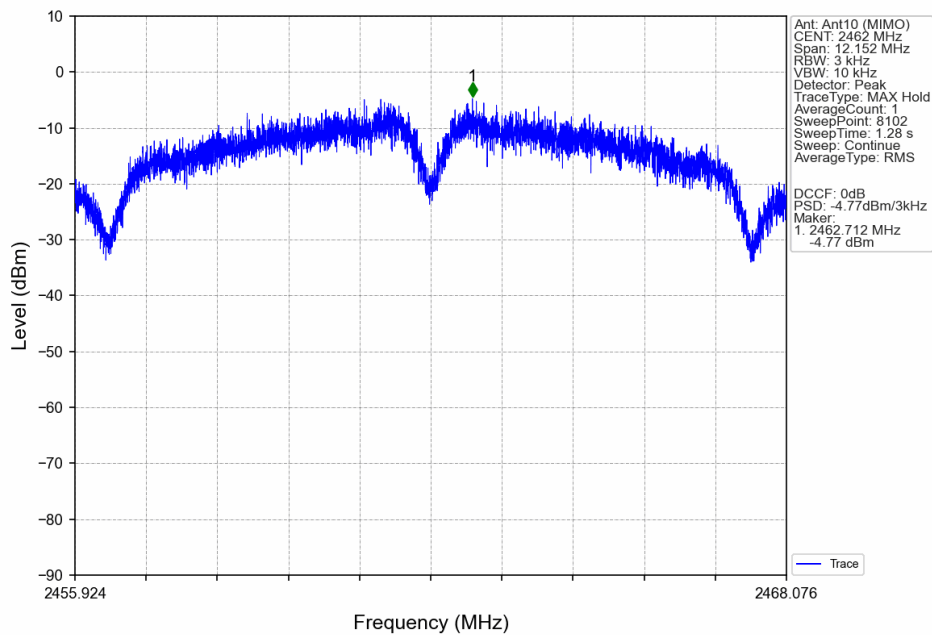
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802.11b_HCH_2462MHz_Ant8 (MIMO)_NTNV



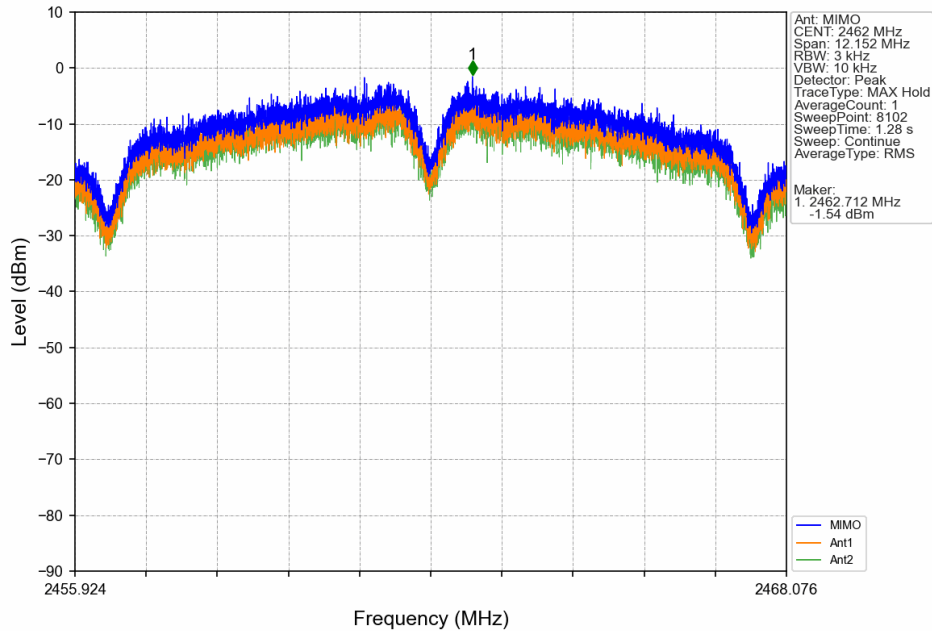
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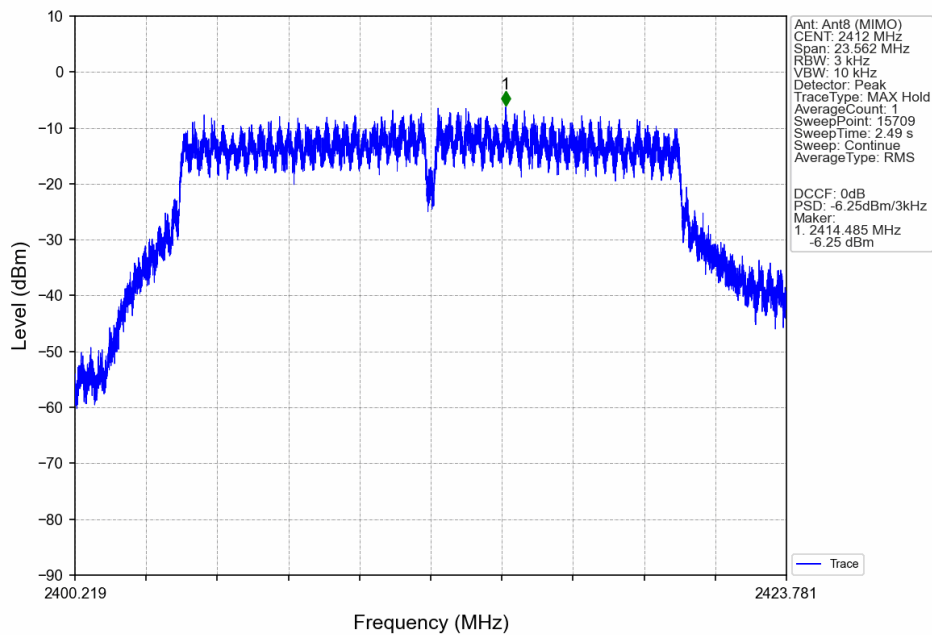
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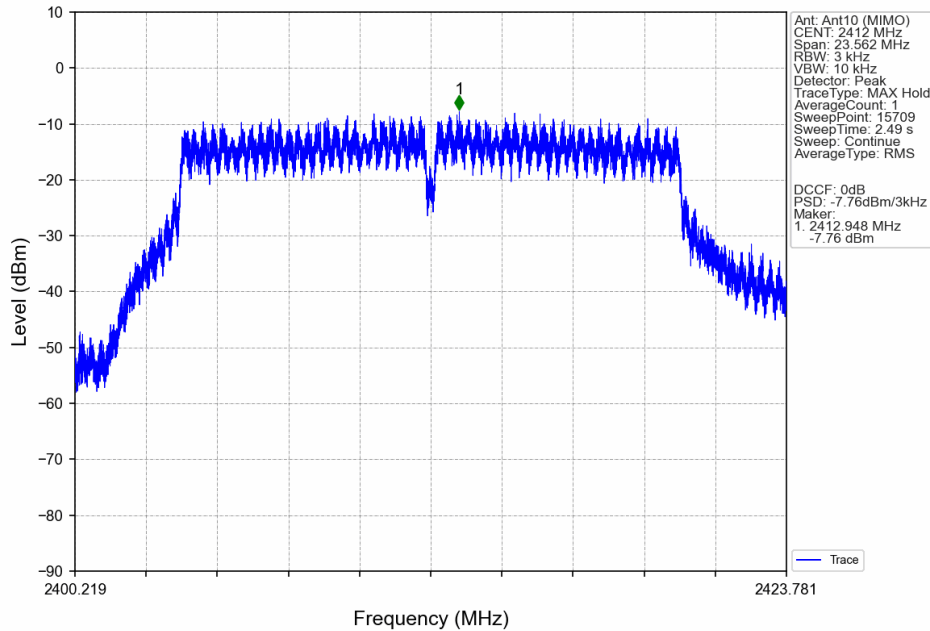
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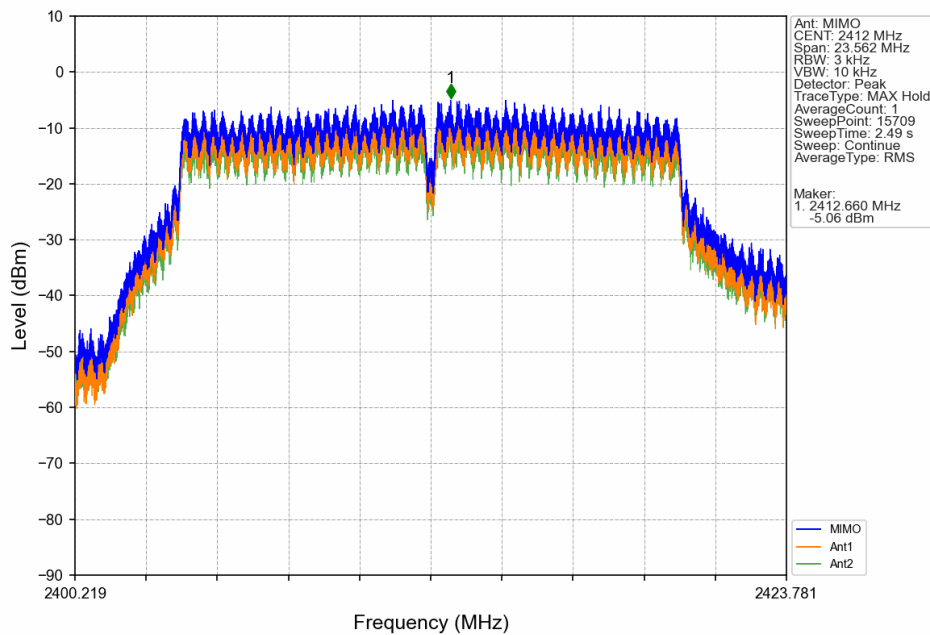
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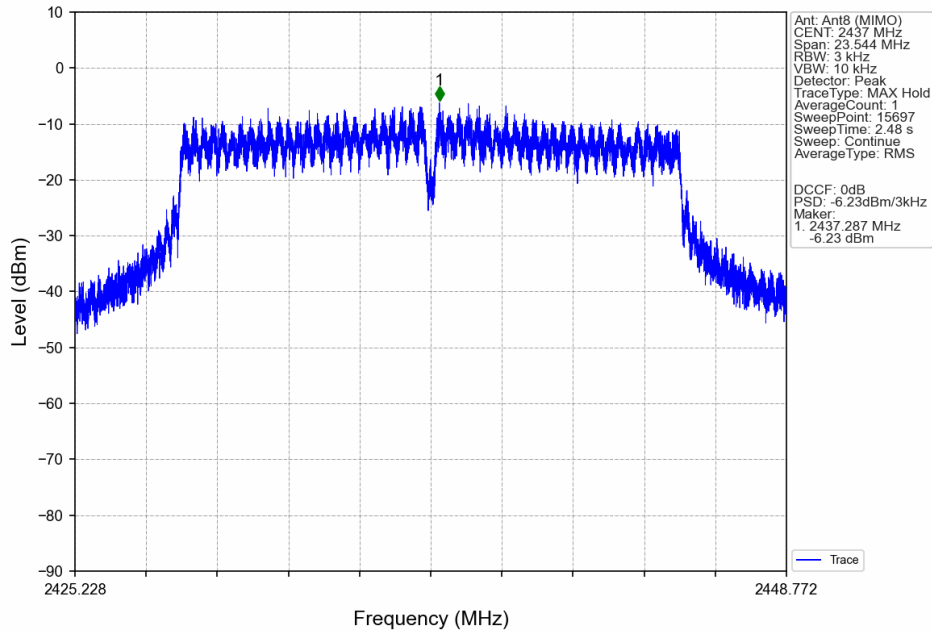
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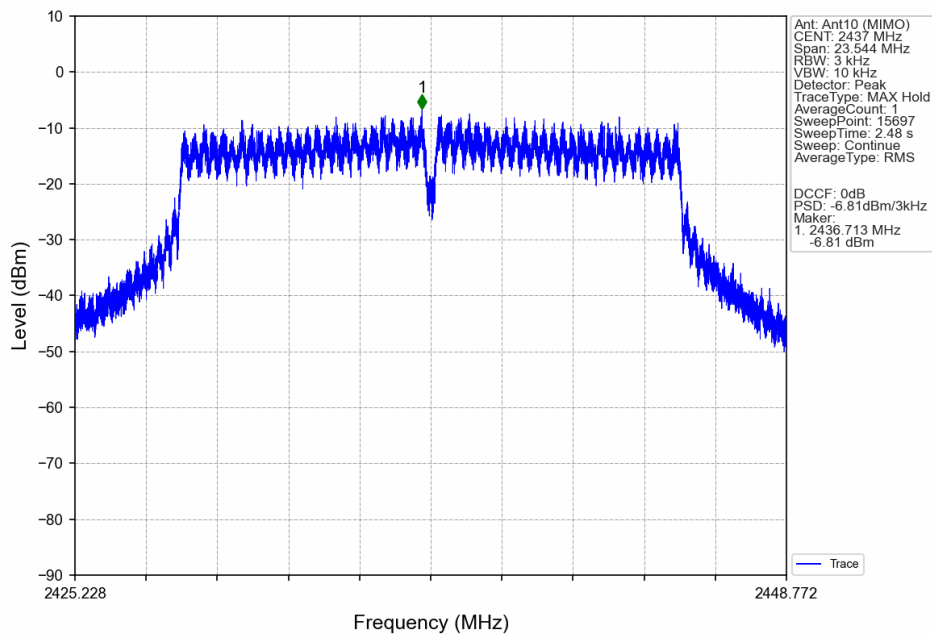
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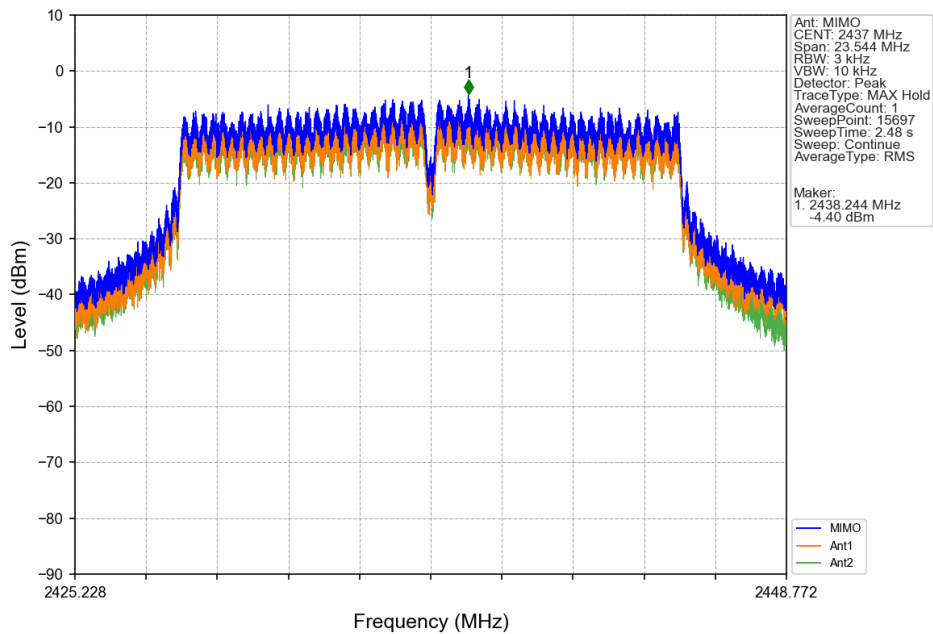
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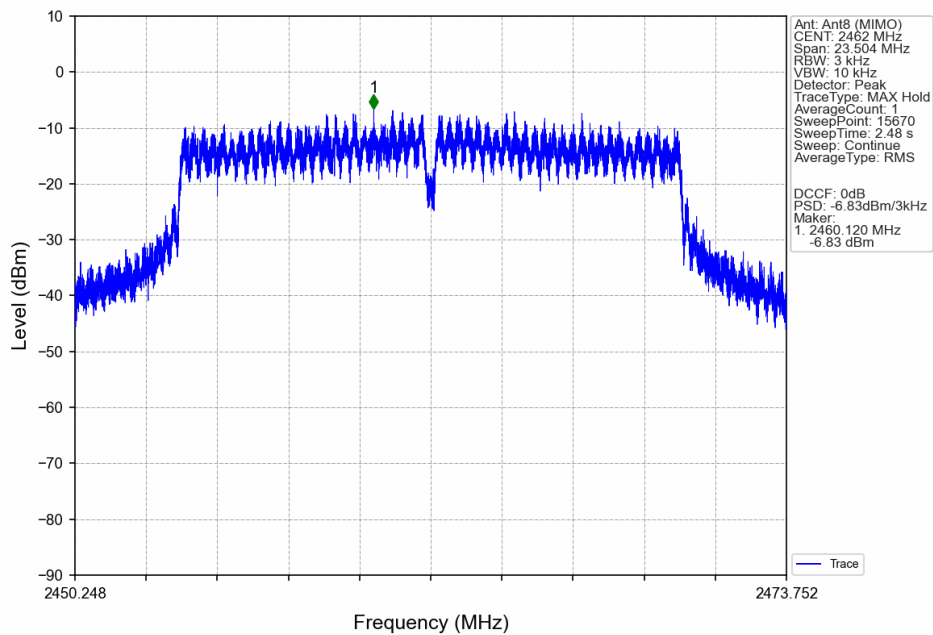
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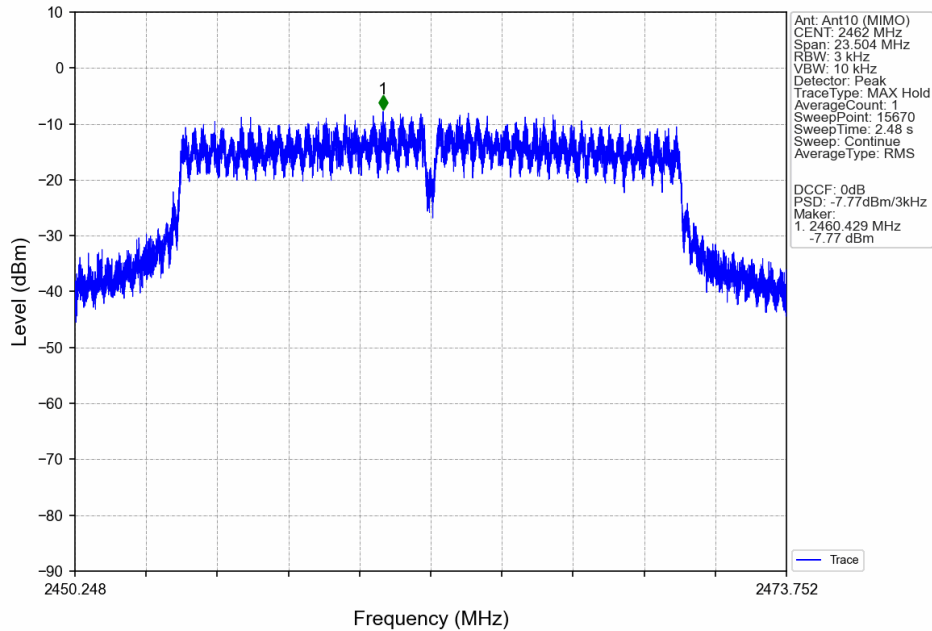
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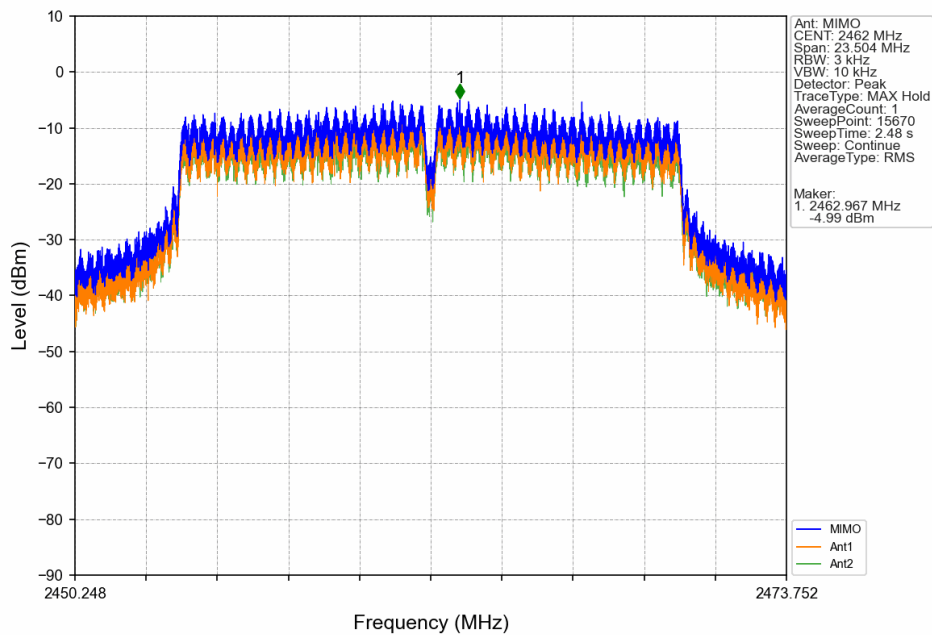
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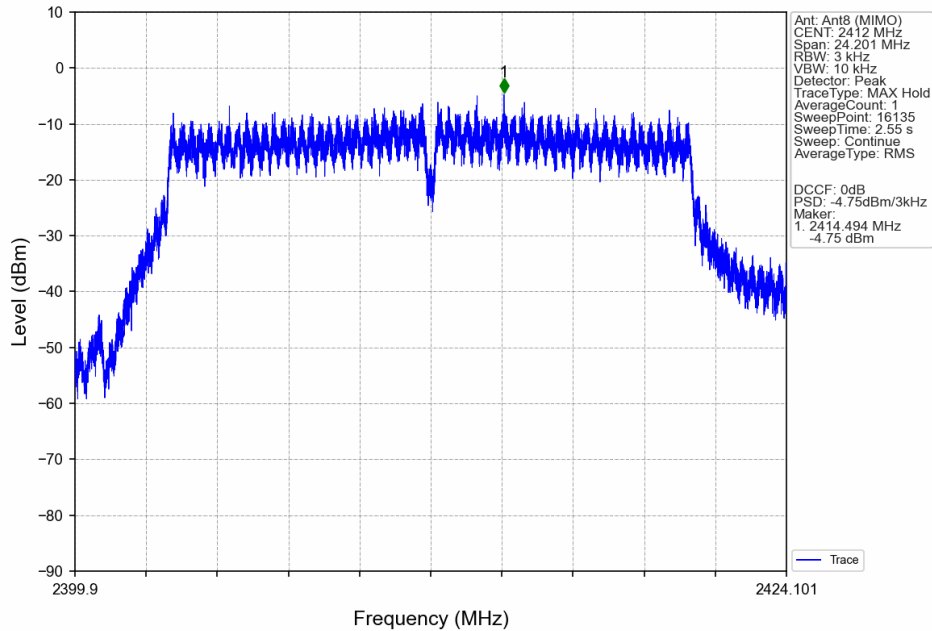
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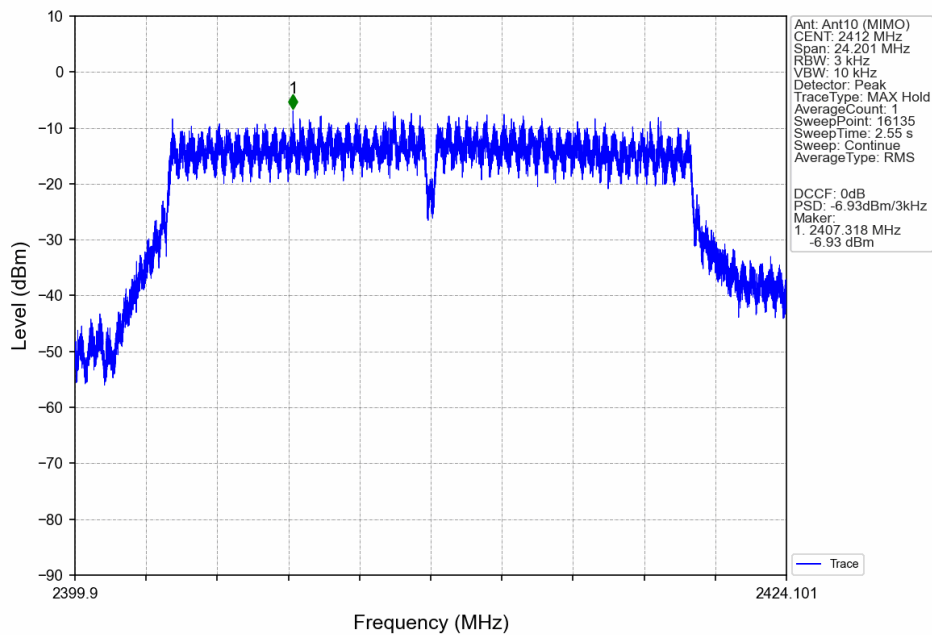
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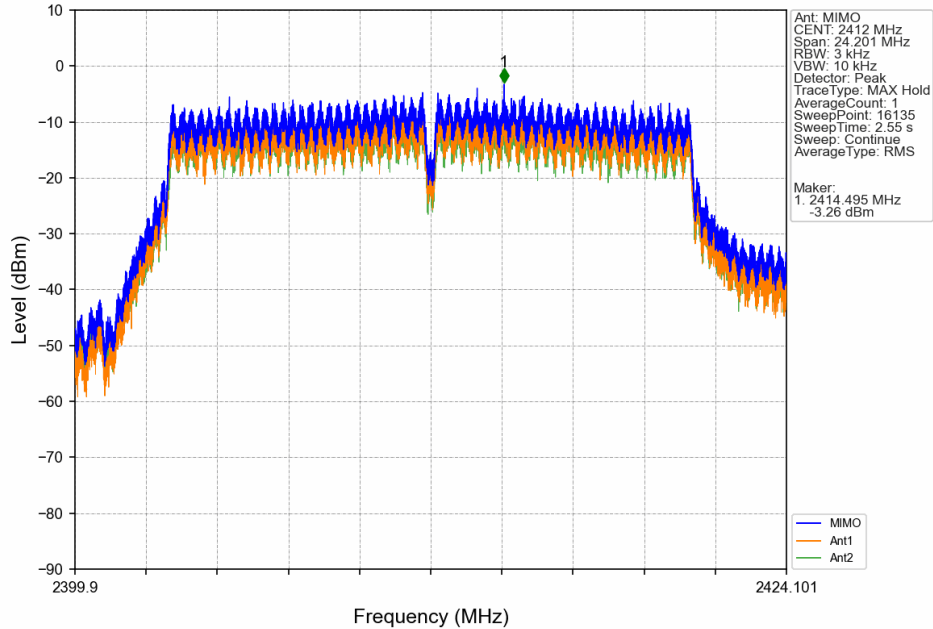
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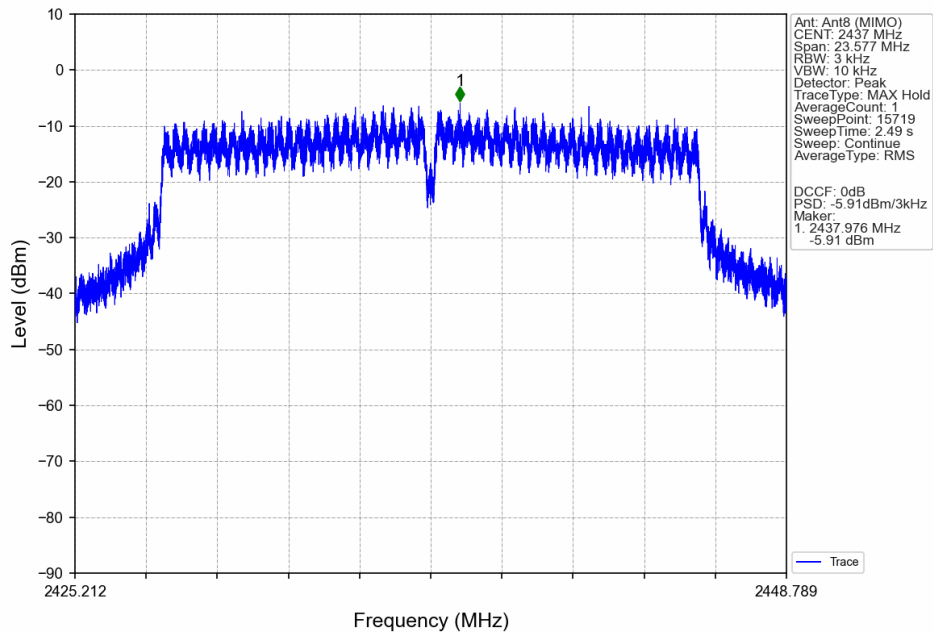
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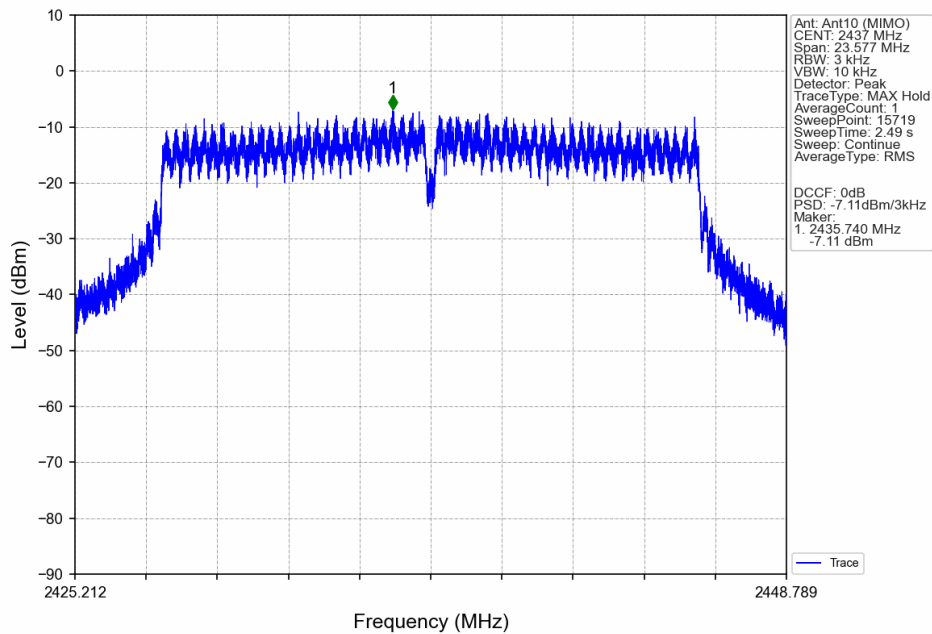
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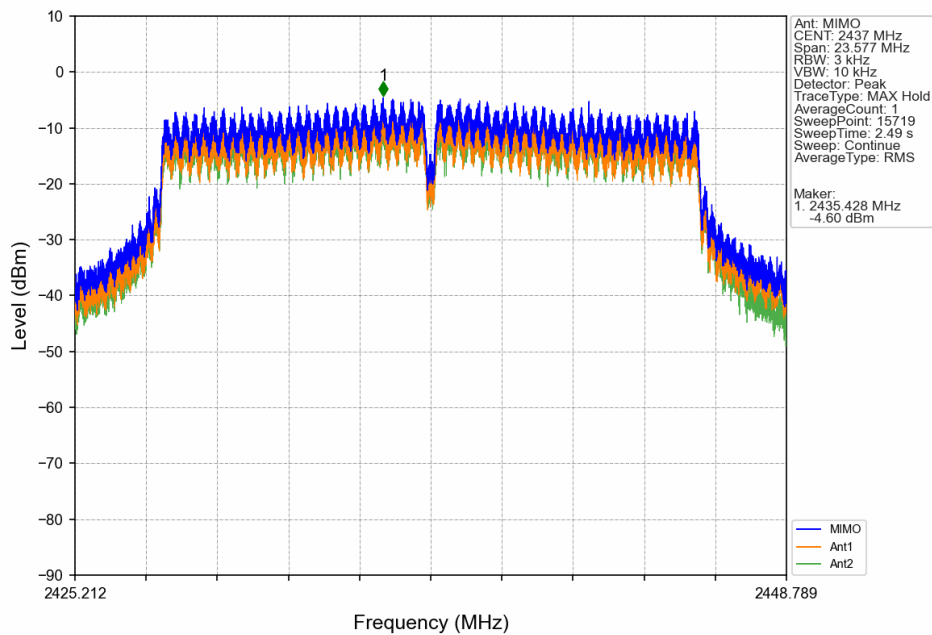
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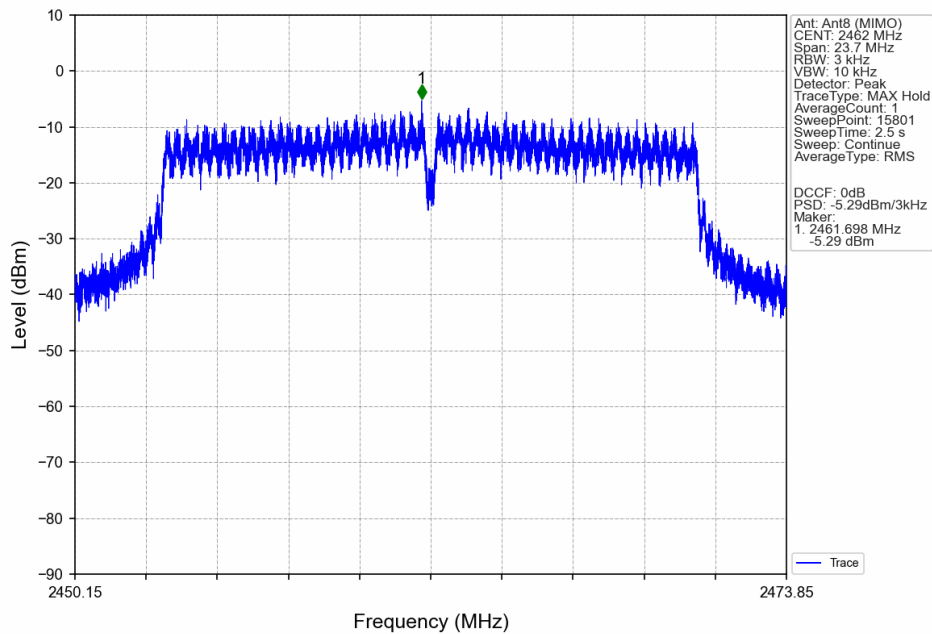
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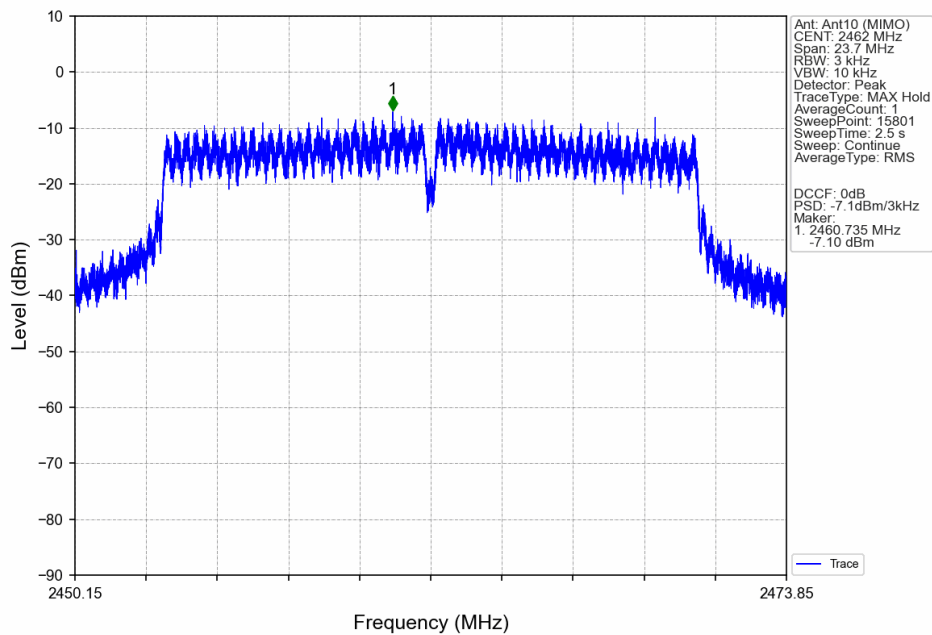
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802.11n(HT20)_HCH_2462MHz_Ant8 (MIMO)_NTNV



802.11n(HT20)_HCH_2462MHz_Ant10 (MIMO)_NTNV



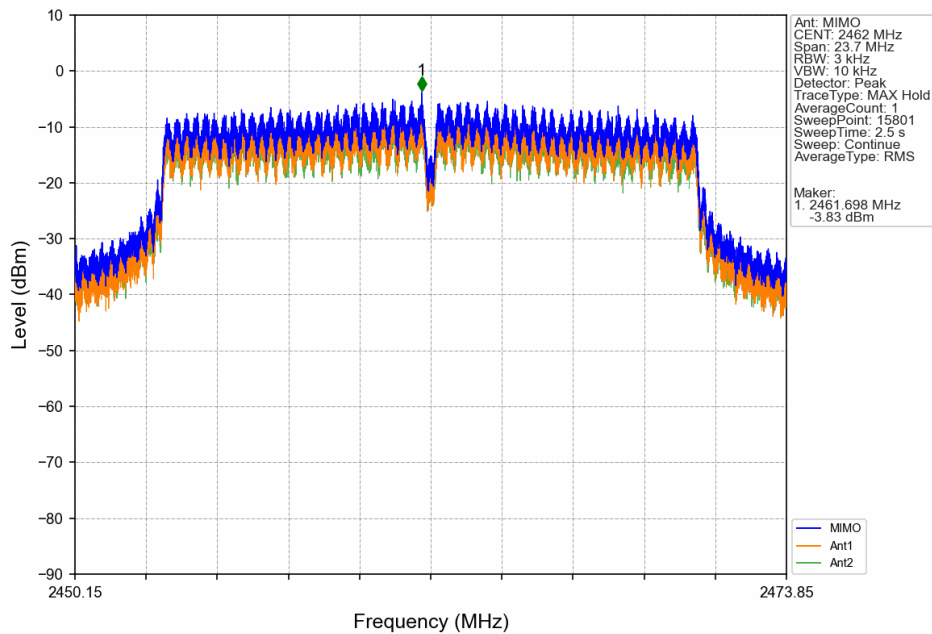
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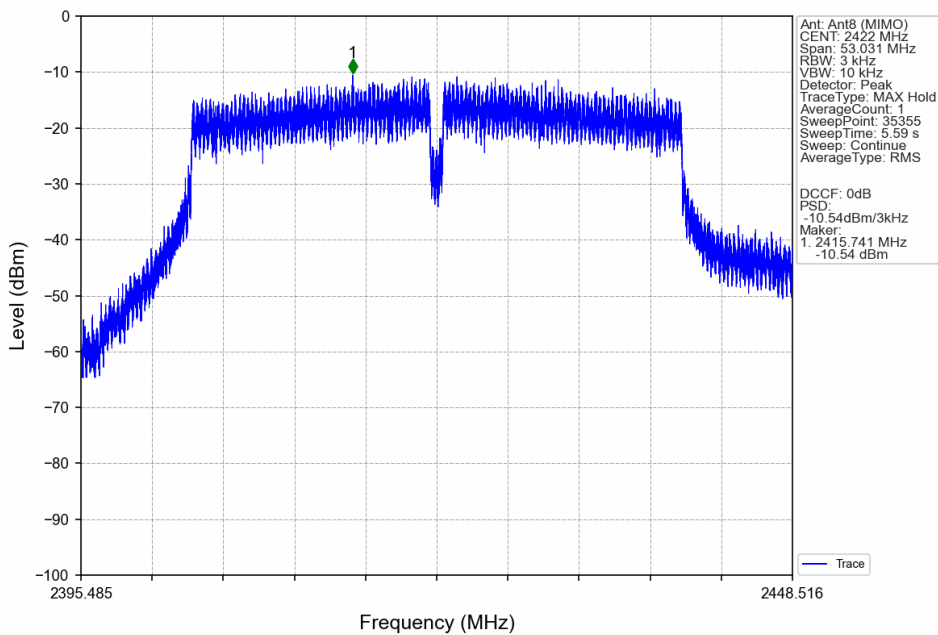
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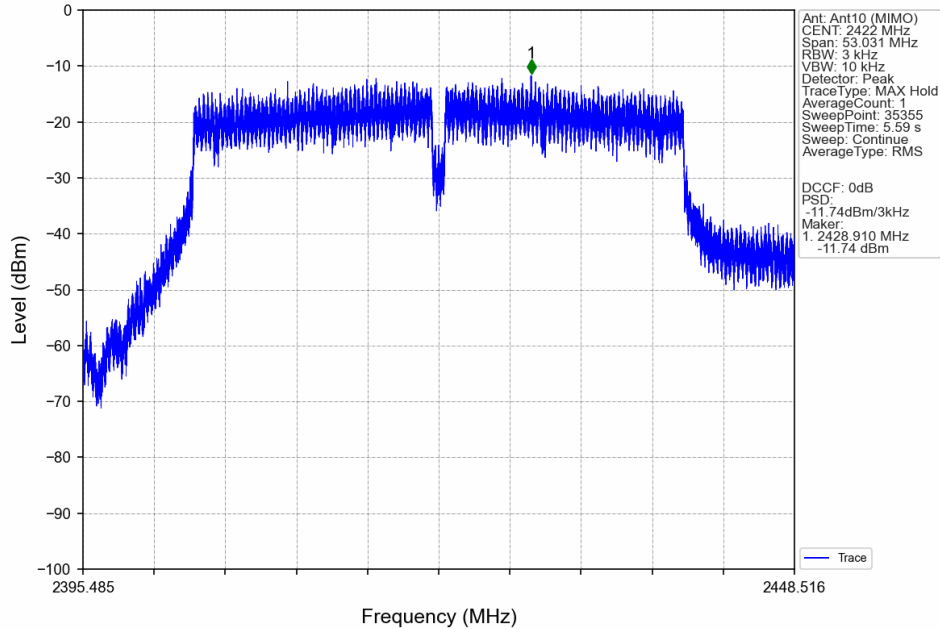
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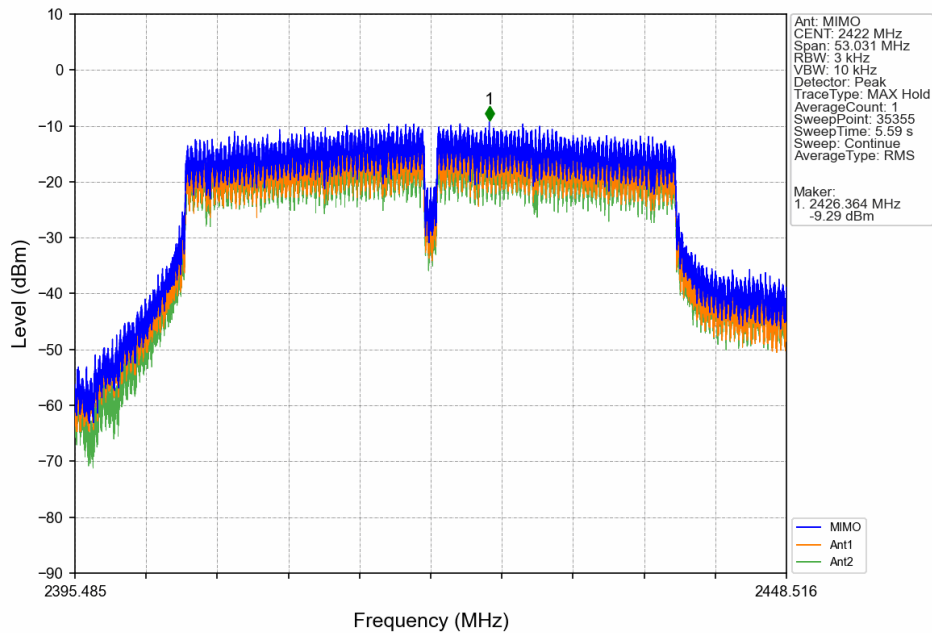
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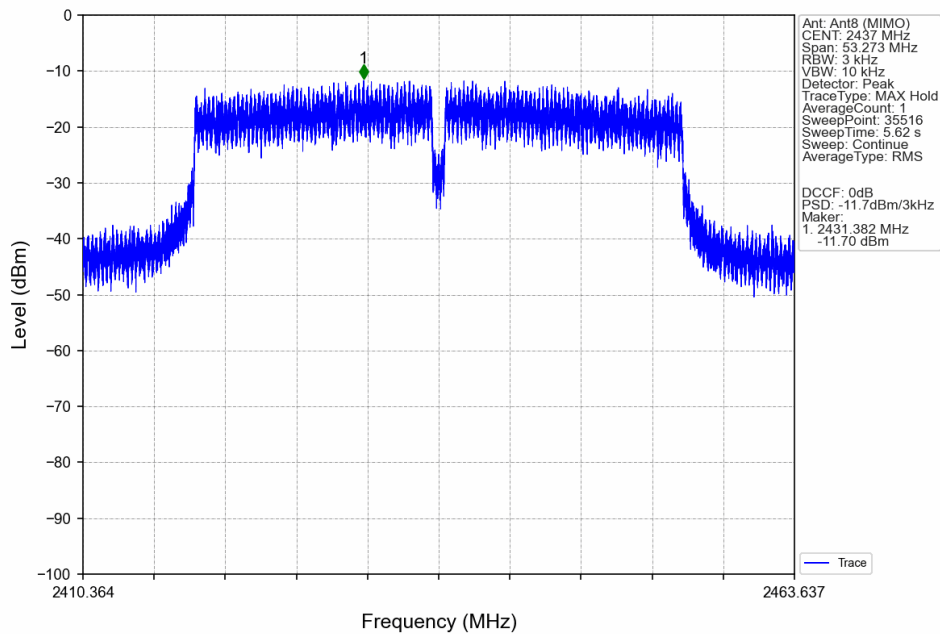
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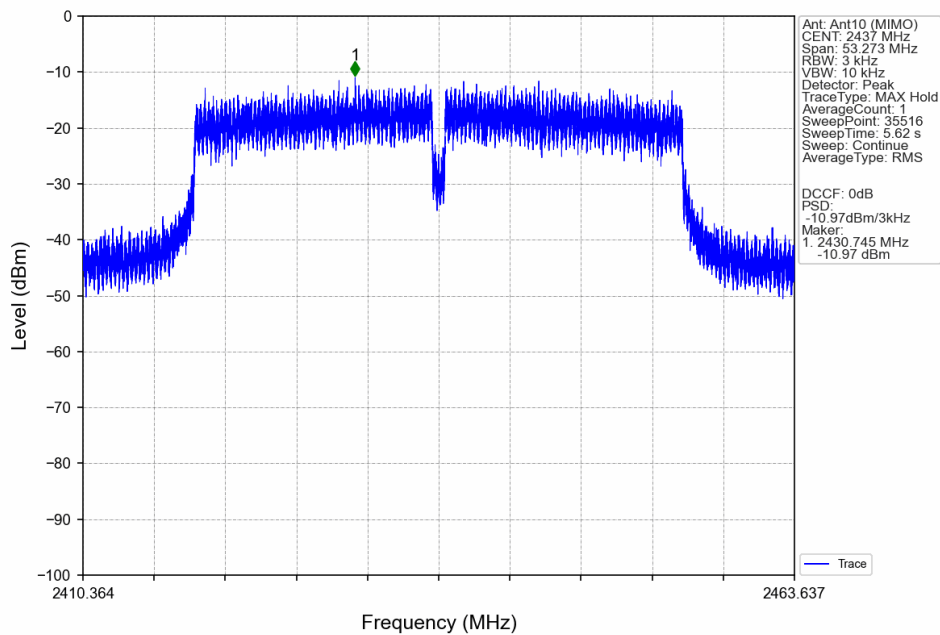
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802.11n(HT40)_MCH_2437MHz_Ant8 (MIMO)_NTNV



802.11n(HT40)_MCH_2437MHz_Ant10 (MIMO)_NTNV



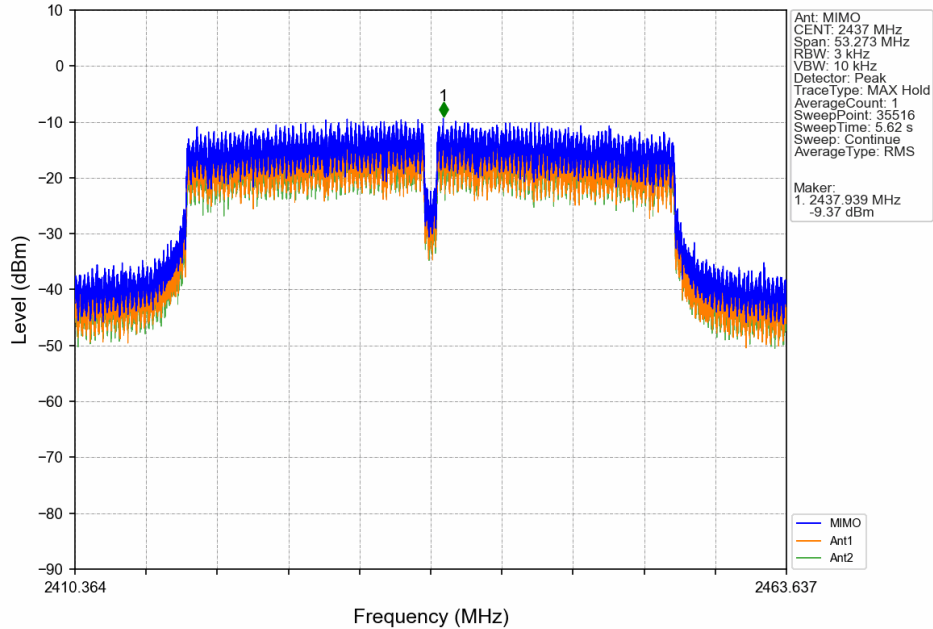
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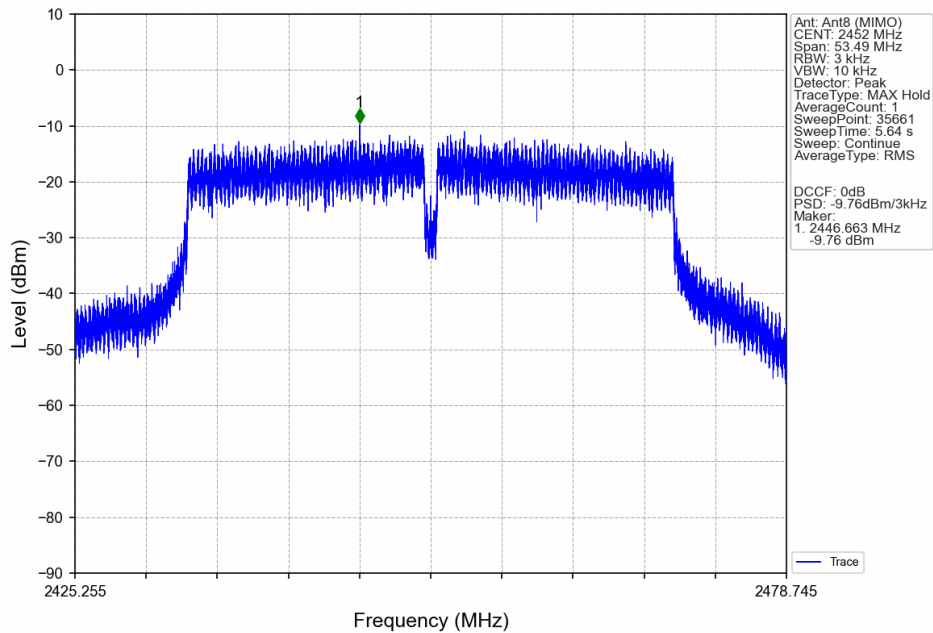
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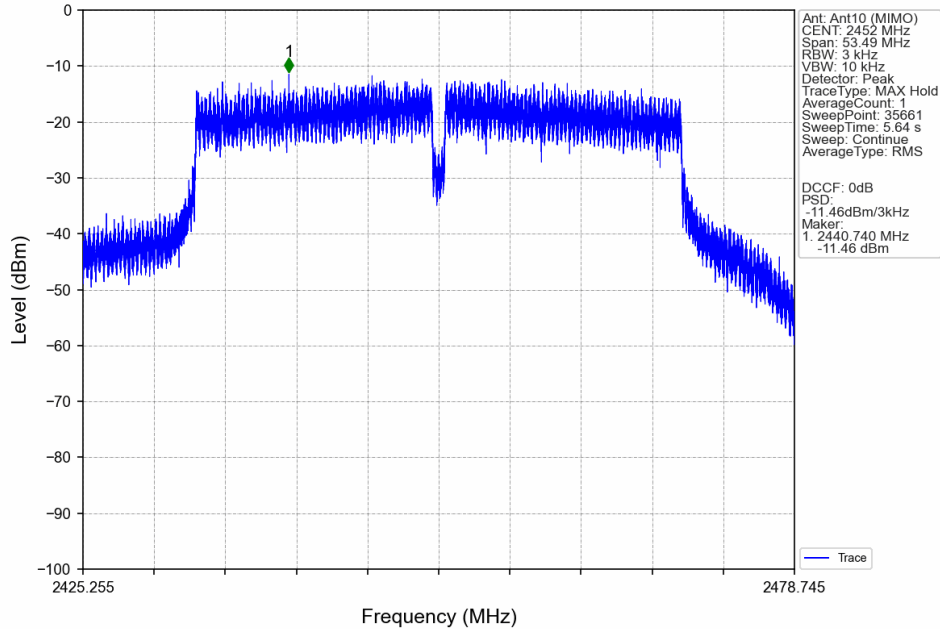
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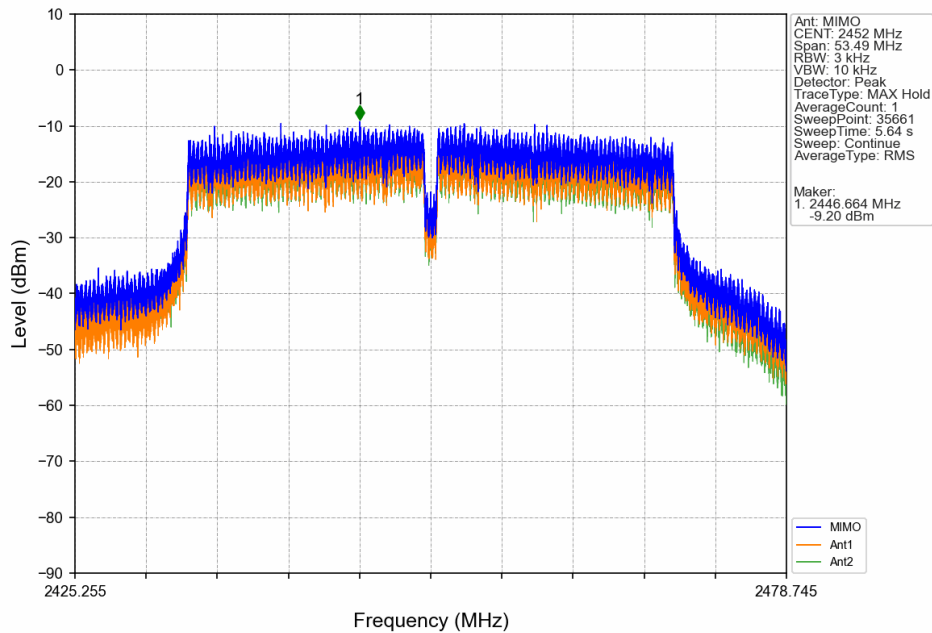
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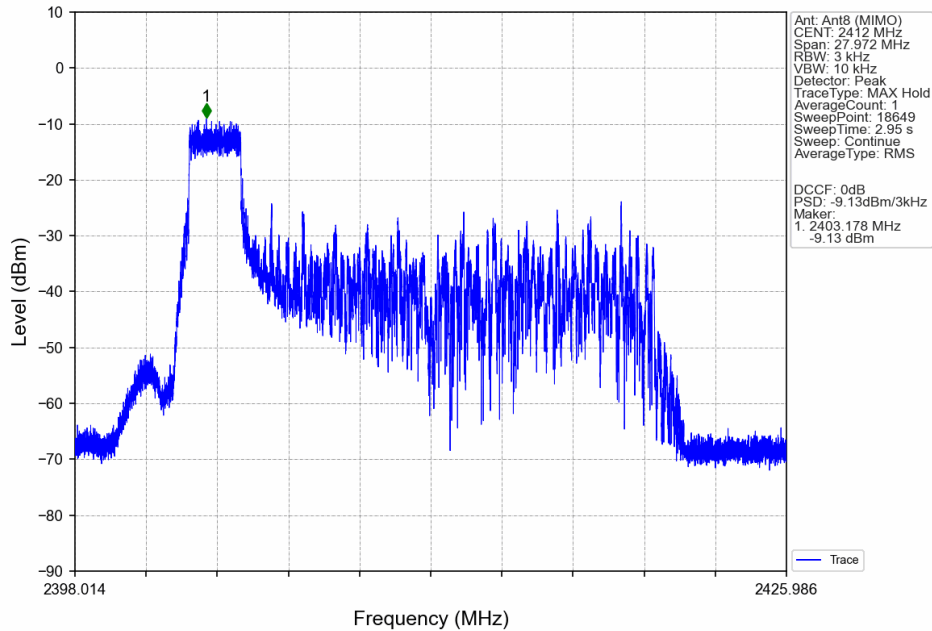
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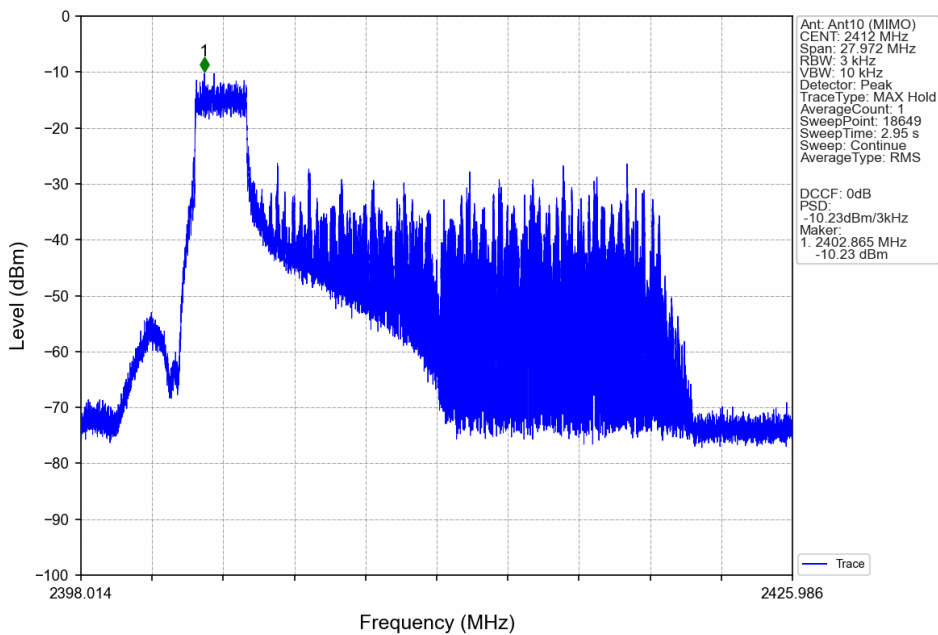
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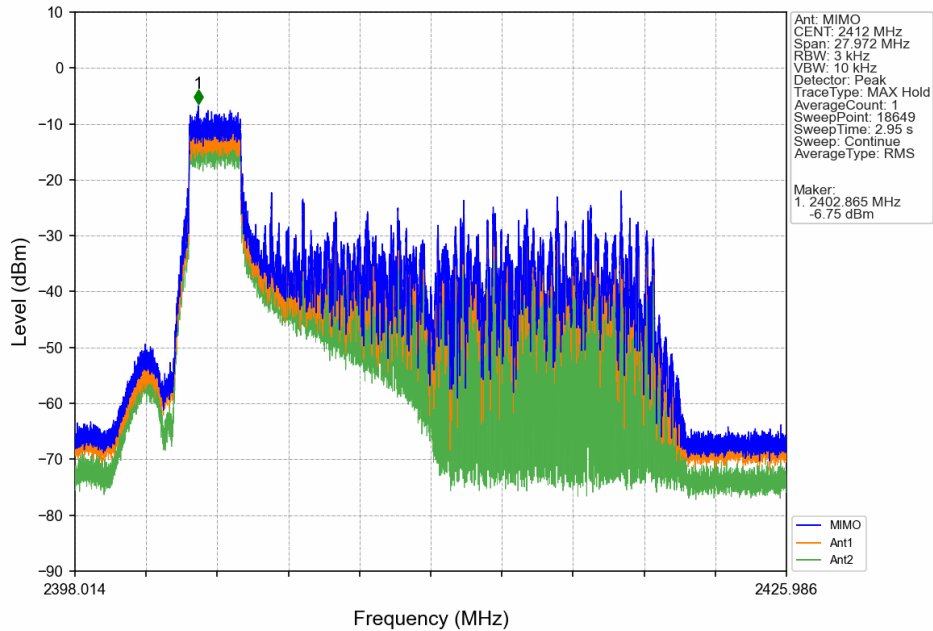
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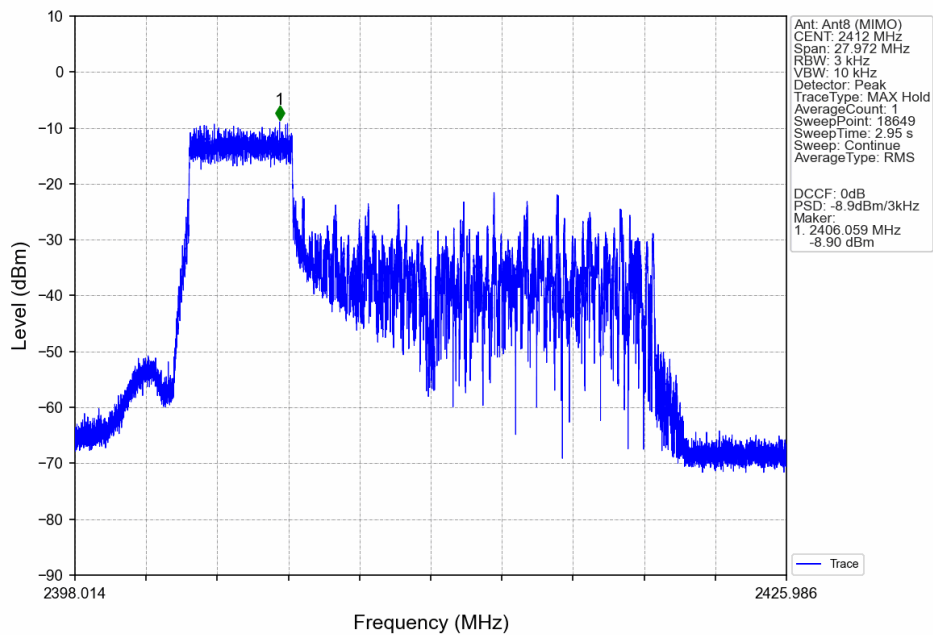
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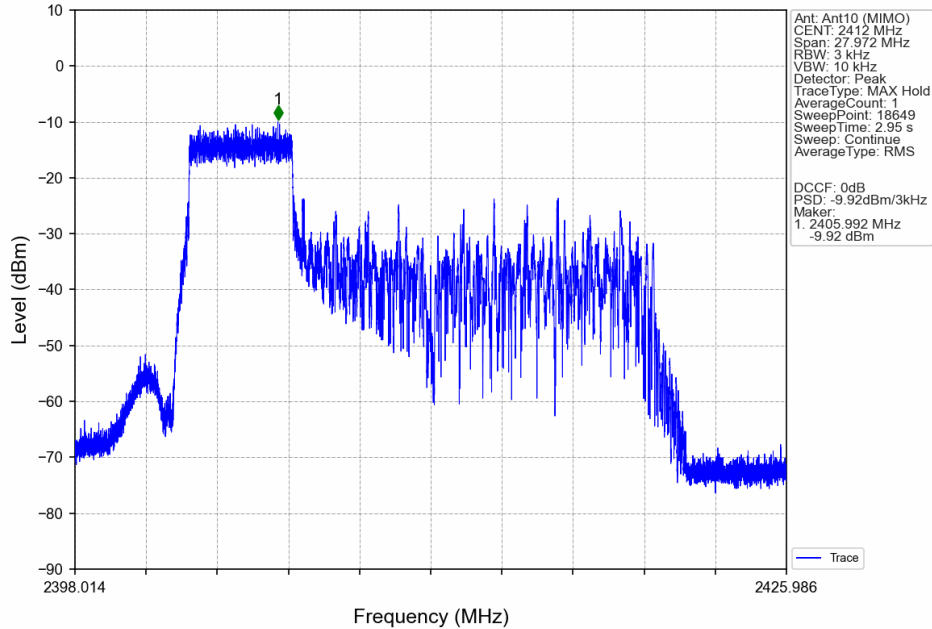
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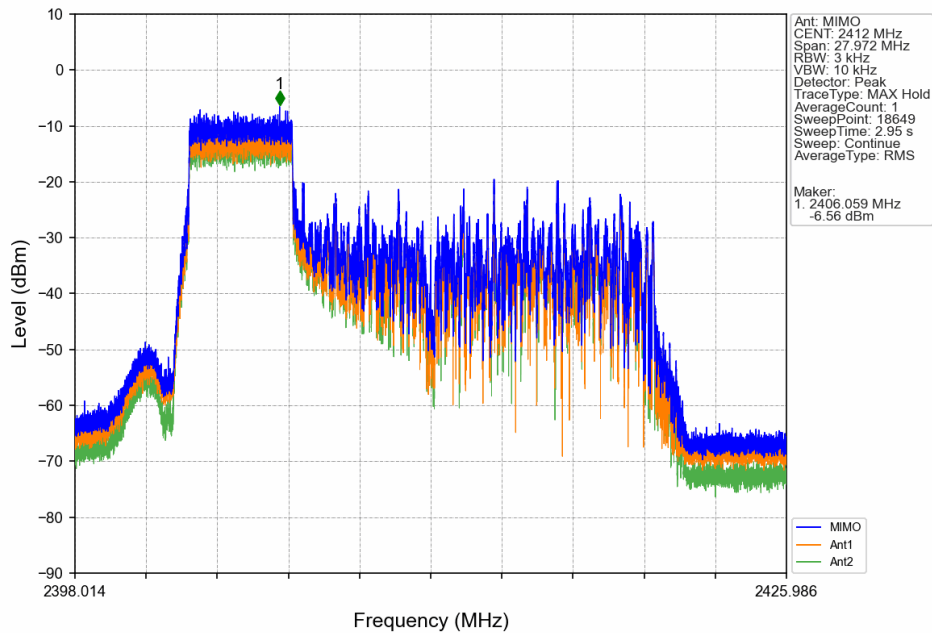
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802.11ax(HEW20)_LCH_2412MHz_RU52_Left_Ant10 (MIMO)_NTNV



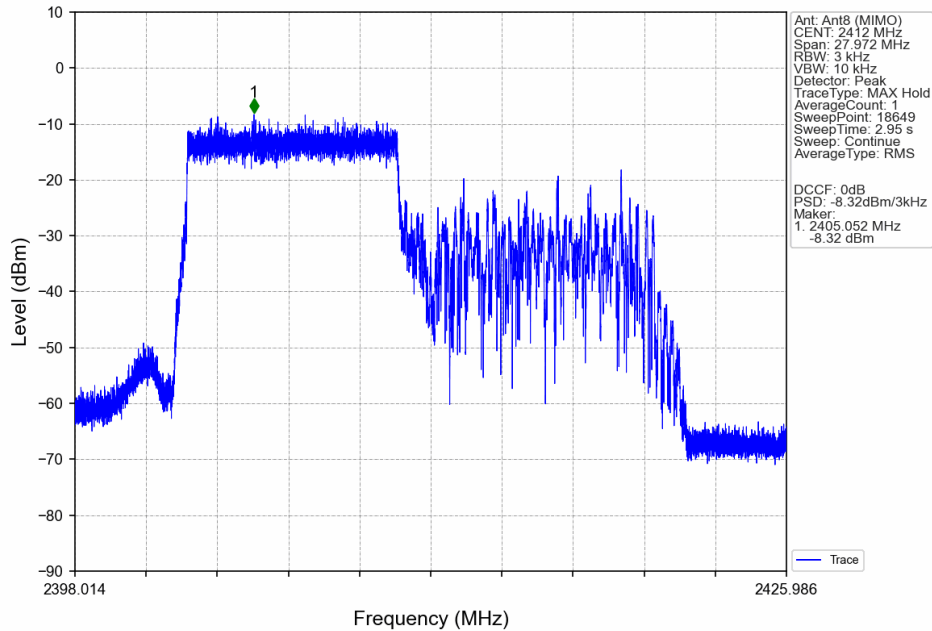
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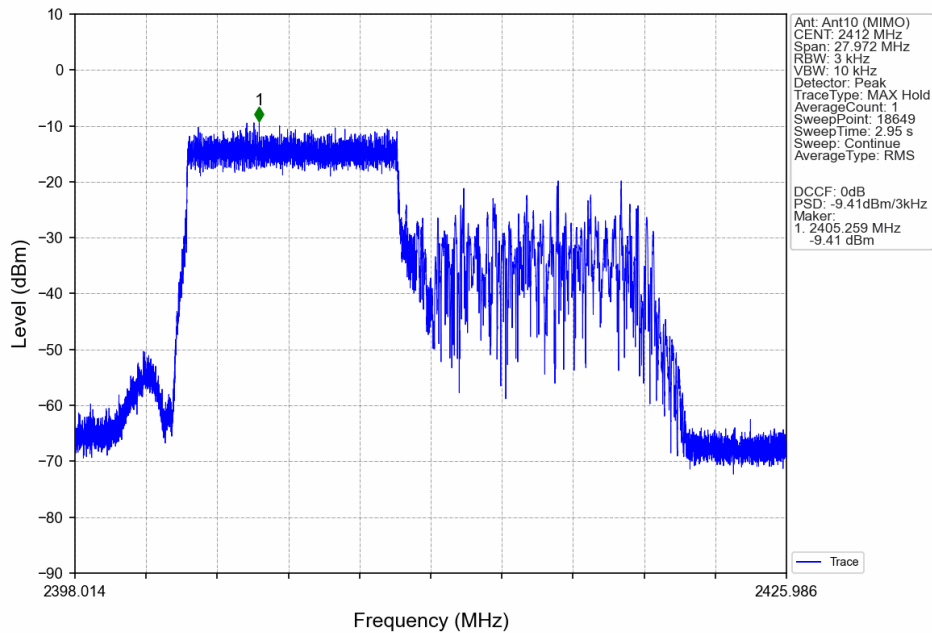
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802.11ax(HEW20)_LCH_2412MHz_RU106_Left_Ant8 (MIMO)_NTNV



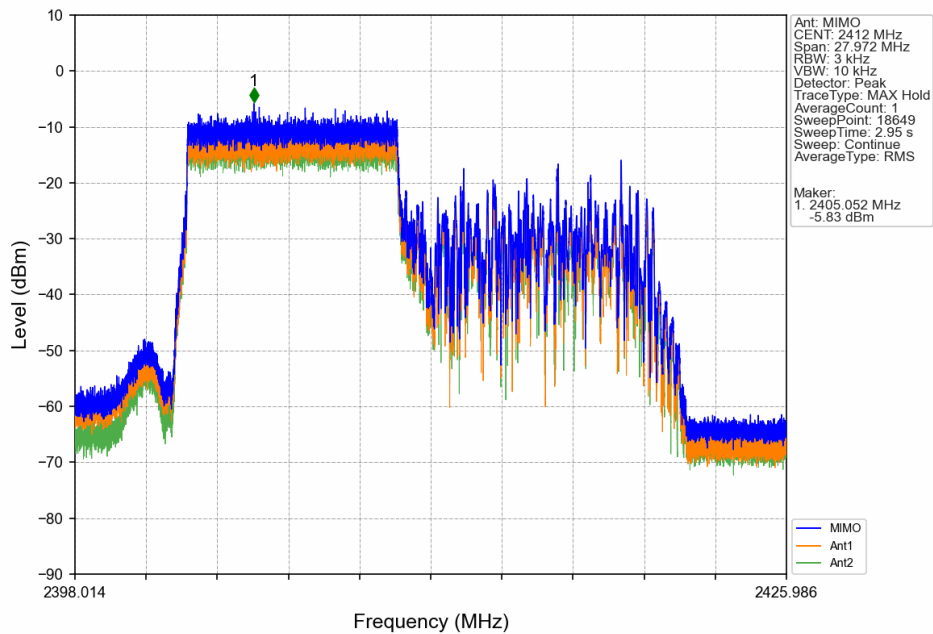
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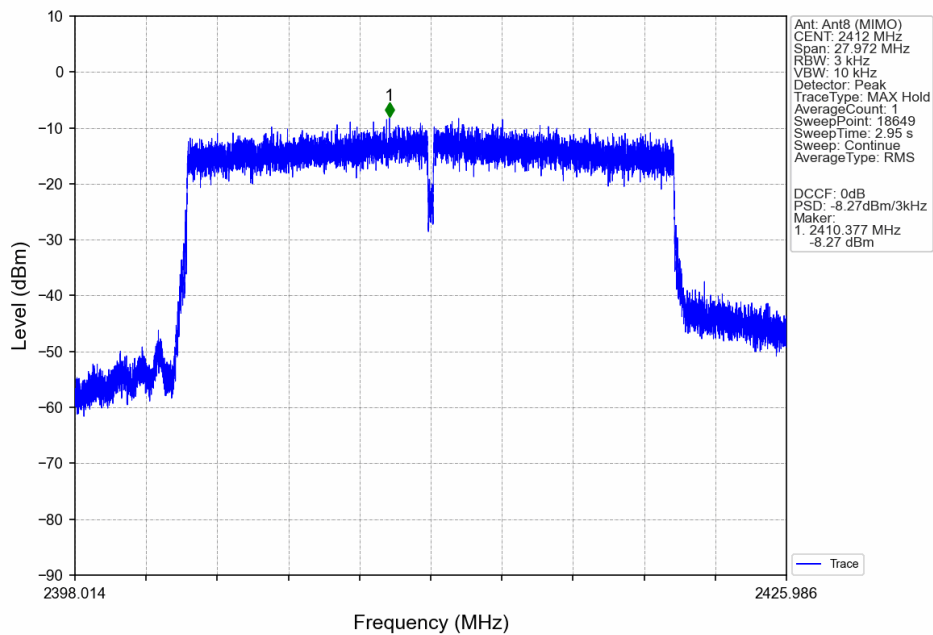
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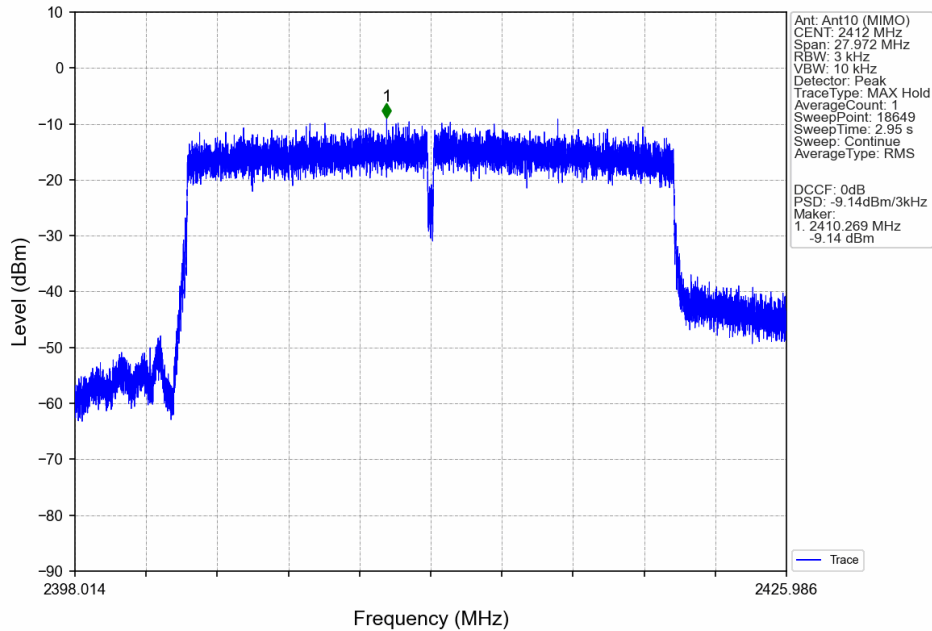
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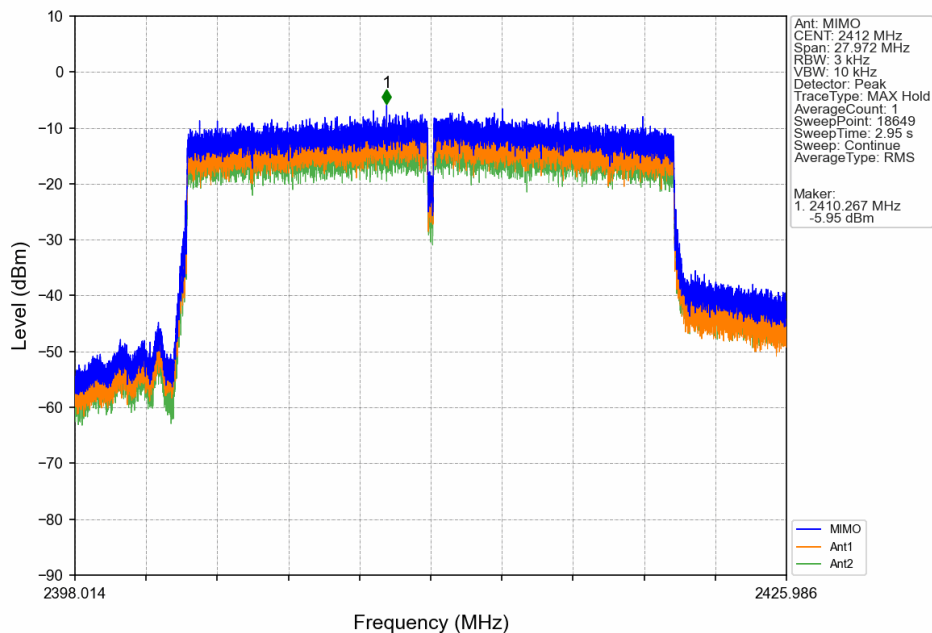
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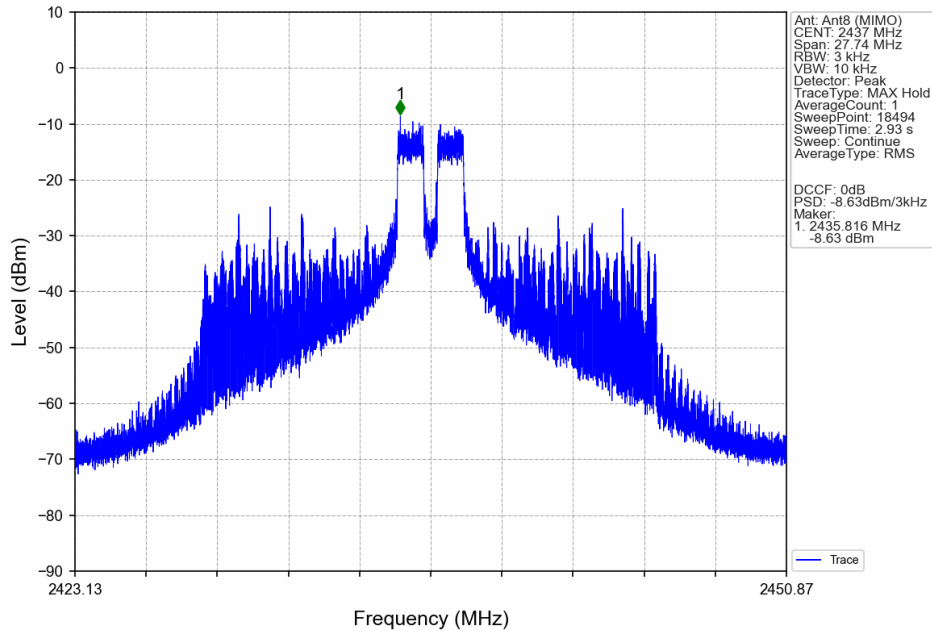
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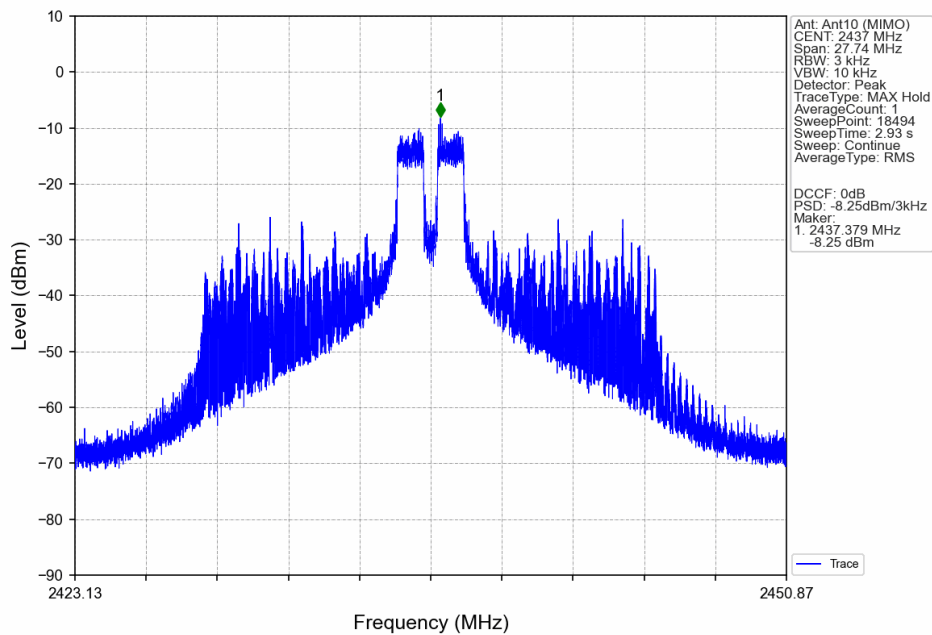
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802.11ax(HEW20)_MCH_2437MHz_RU26_Mid_Ant8 (MIMO)_NTNV



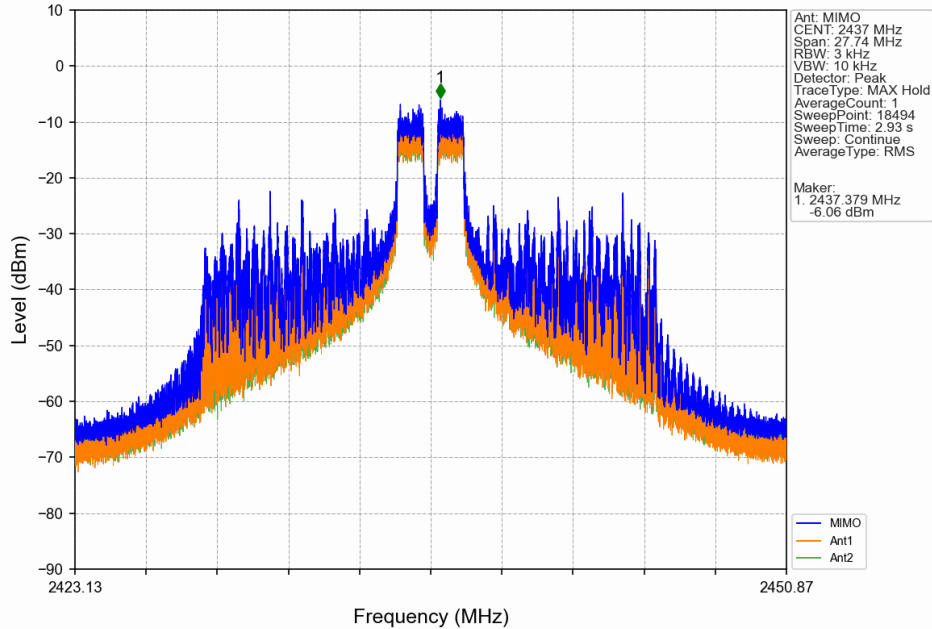
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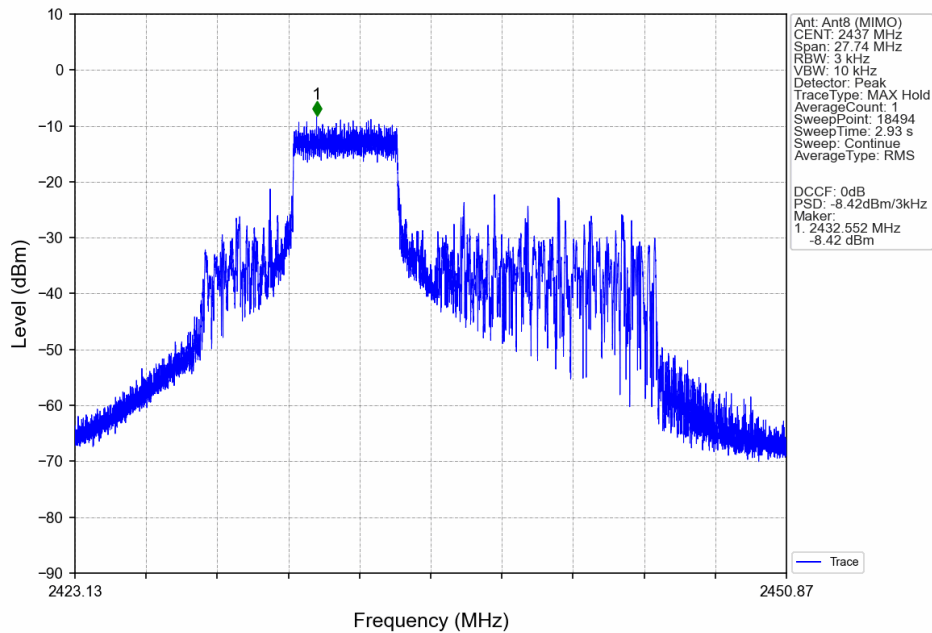
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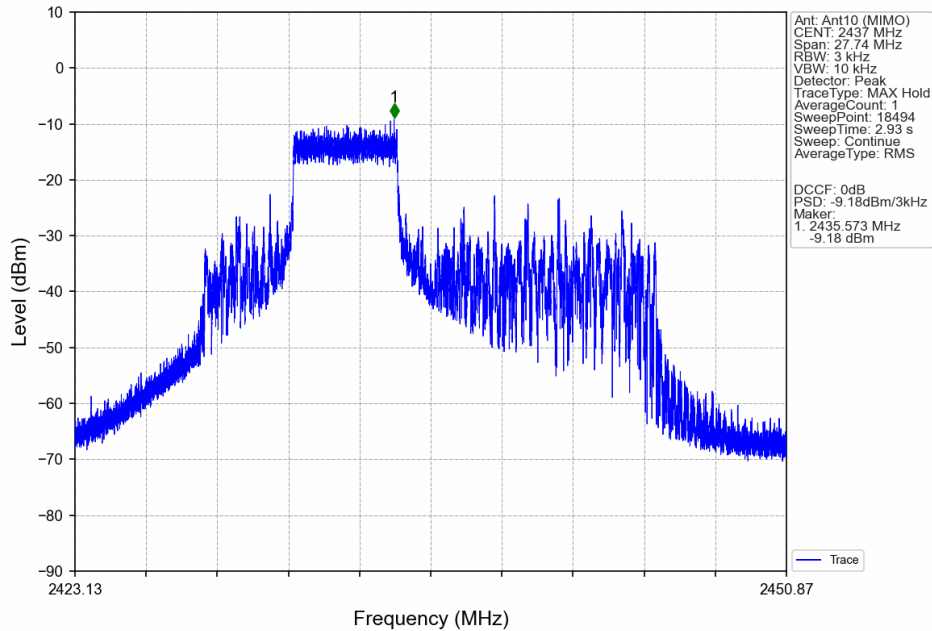
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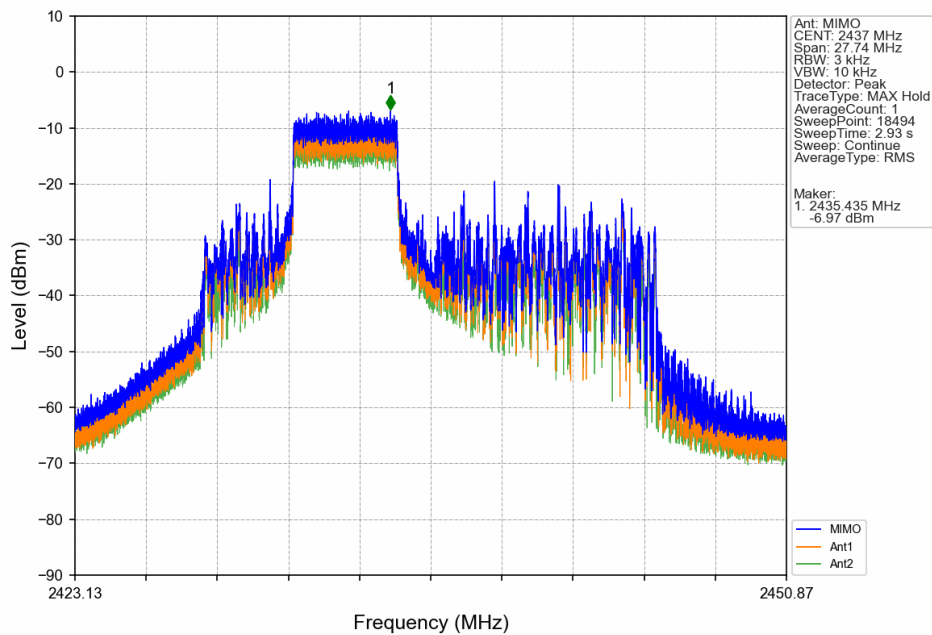
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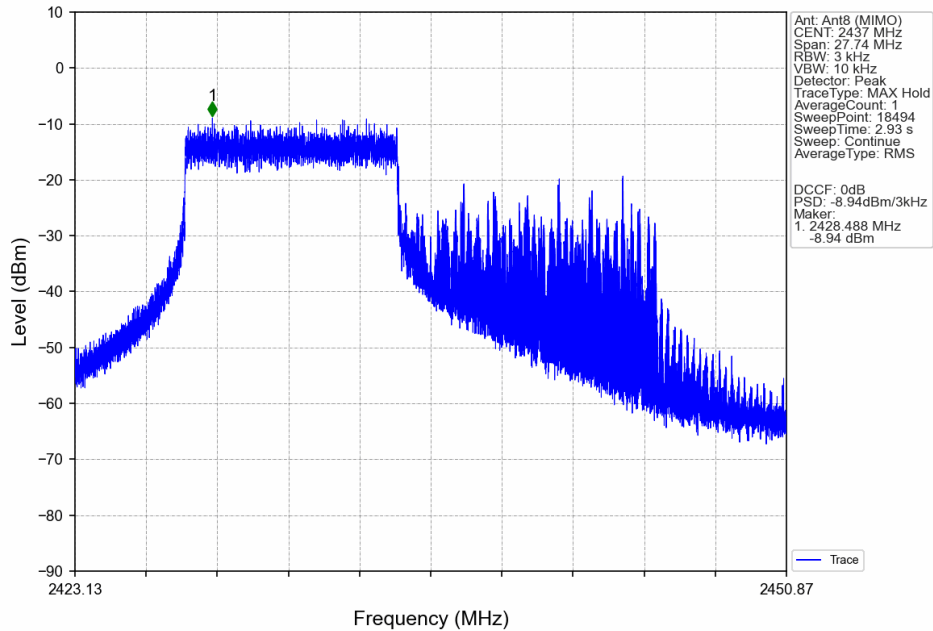
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802.11ax(HEW20)_MCH_2437MHz_RU52_Mid_MIMO_NTNV



802.11ax(HEW20)_MCH_2437MHz_RU106_Left_Ant8 (MIMO)_NTNV



802.11ax(HEW20)_MCH_2437MHz_RU106_Left_Ant10 (MIMO)_NTNV

