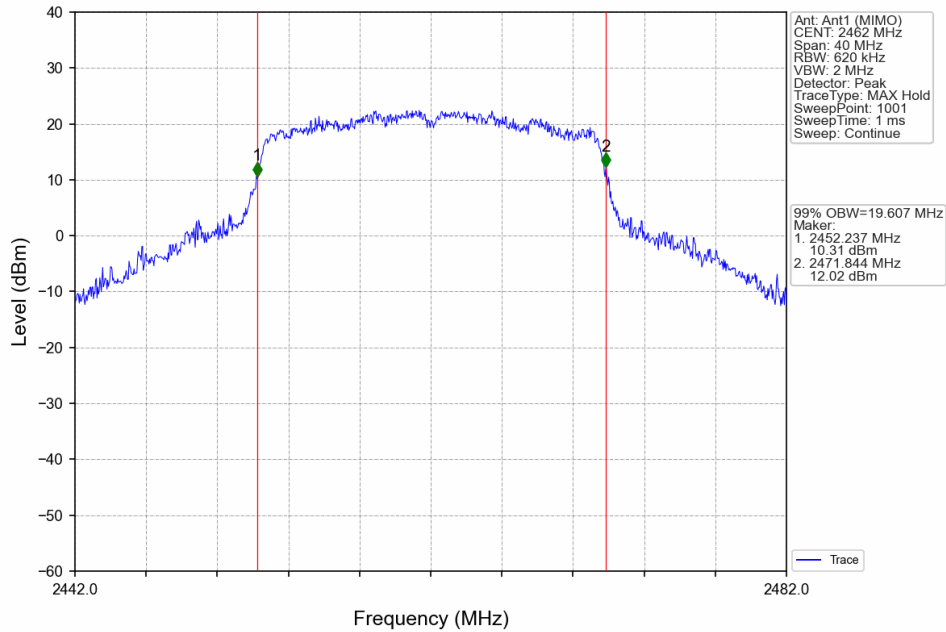
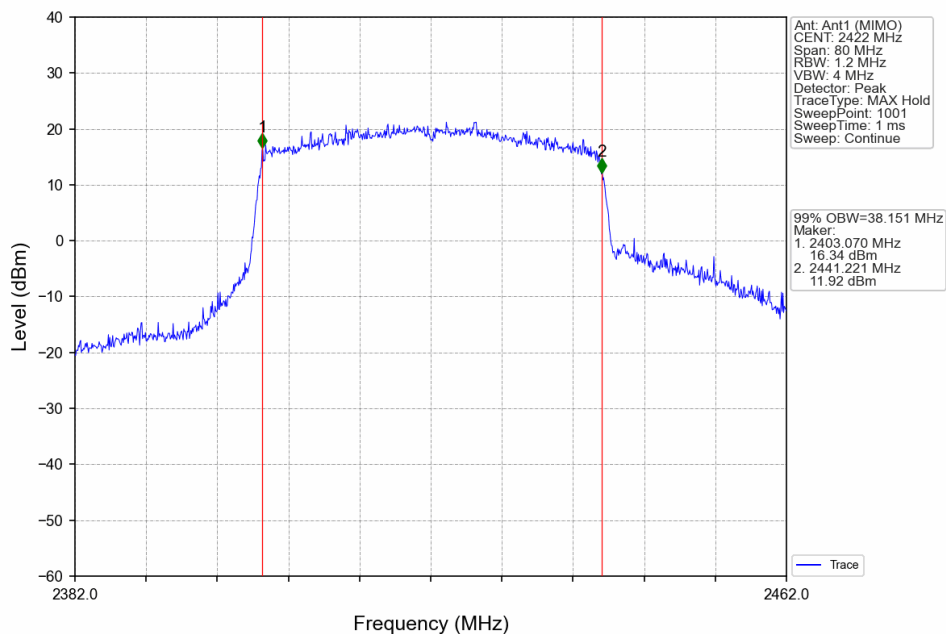


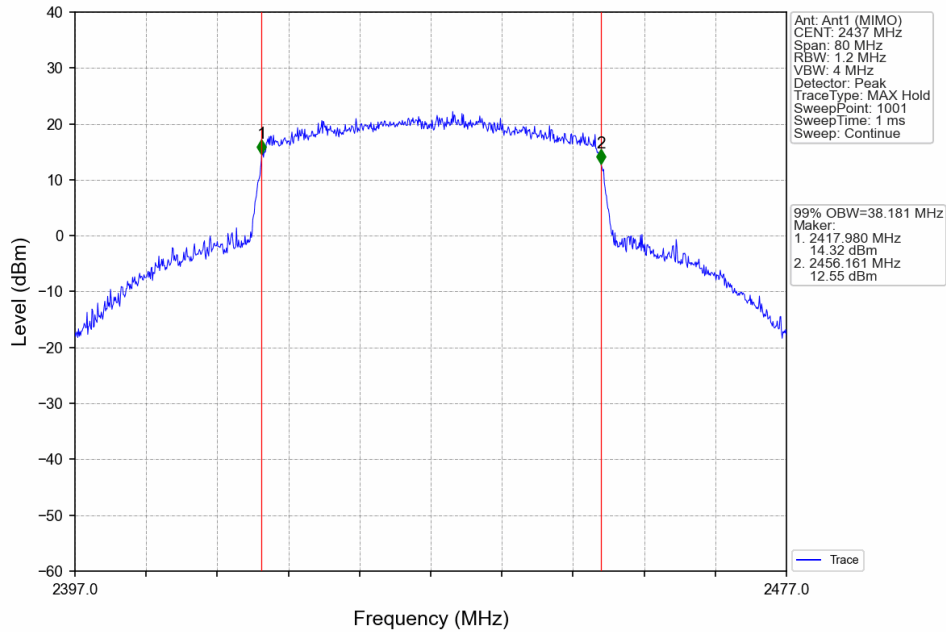
802.11ax(HEW20)_HCH_2462MHz_RU242_Left_Ant1 (MIMO)_NTNV



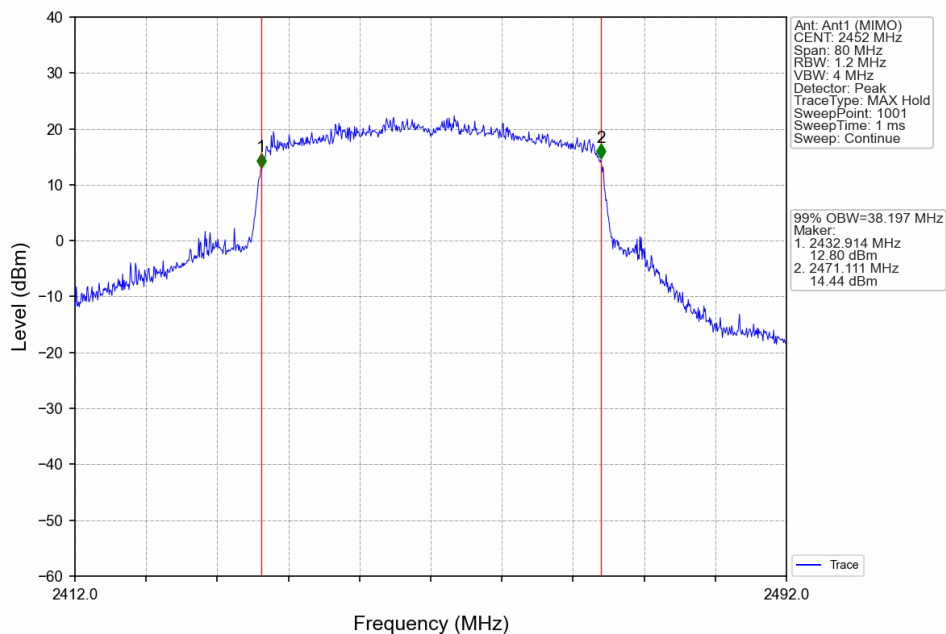
802.11ax(HEW40)_LCH_2422MHz_RU484_Left_Ant1 (MIMO)_NTNV



802.11ax(HEW40)_MCH_2437MHz_RU484_Left_Ant1 (MIMO)_NTNV



802.11ax(HEW40)_HCH_2452MHz_RU484_Left_Ant1 (MIMO)_NTNV



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2.2 6dB BW

2.2.1 Test Result

Mode	TX Type	Frequency (MHz)	RU	RU Pos	ANT	6dB Bandwidth (MHz)		Verdict
						Result	Limit	
802.11b	MIMO	2412	/	/	1	15.431	>=0.5	Pass
		2437	/	/	1	8.104	>=0.5	Pass
		2462	/	/	1	8.043	>=0.5	Pass
802.11g	MIMO	2412	/	/	1	15.163	>=0.5	Pass
		2437	/	/	1	15.167	>=0.5	Pass
		2462	/	/	1	15.137	>=0.5	Pass
802.11n (HT20)	MIMO	2412	/	/	1	15.166	>=0.5	Pass
		2437	/	/	1	15.157	>=0.5	Pass
		2462	/	/	1	15.136	>=0.5	Pass
802.11n (HT40)	MIMO	2422	/	/	1	35.111	>=0.5	Pass
		2437	/	/	1	35.147	>=0.5	Pass
		2452	/	/	1	35.118	>=0.5	Pass
802.11ax (HEW20)	MIMO	2412	RU242	Left	1	18.122	>=0.5	Pass
		2437	RU242	Left	1	15.173	>=0.5	Pass
		2462	RU242	Left	1	15.904	>=0.5	Pass
802.11ax (HEW40)	MIMO	2422	RU484	Left	1	36.034	>=0.5	Pass
		2437	RU484	Left	1	35.298	>=0.5	Pass
		2452	RU484	Left	1	35.255	>=0.5	Pass

Note: All the ANTS were conducted the tests. only the worst-case ATN1 is recorded in the test report.

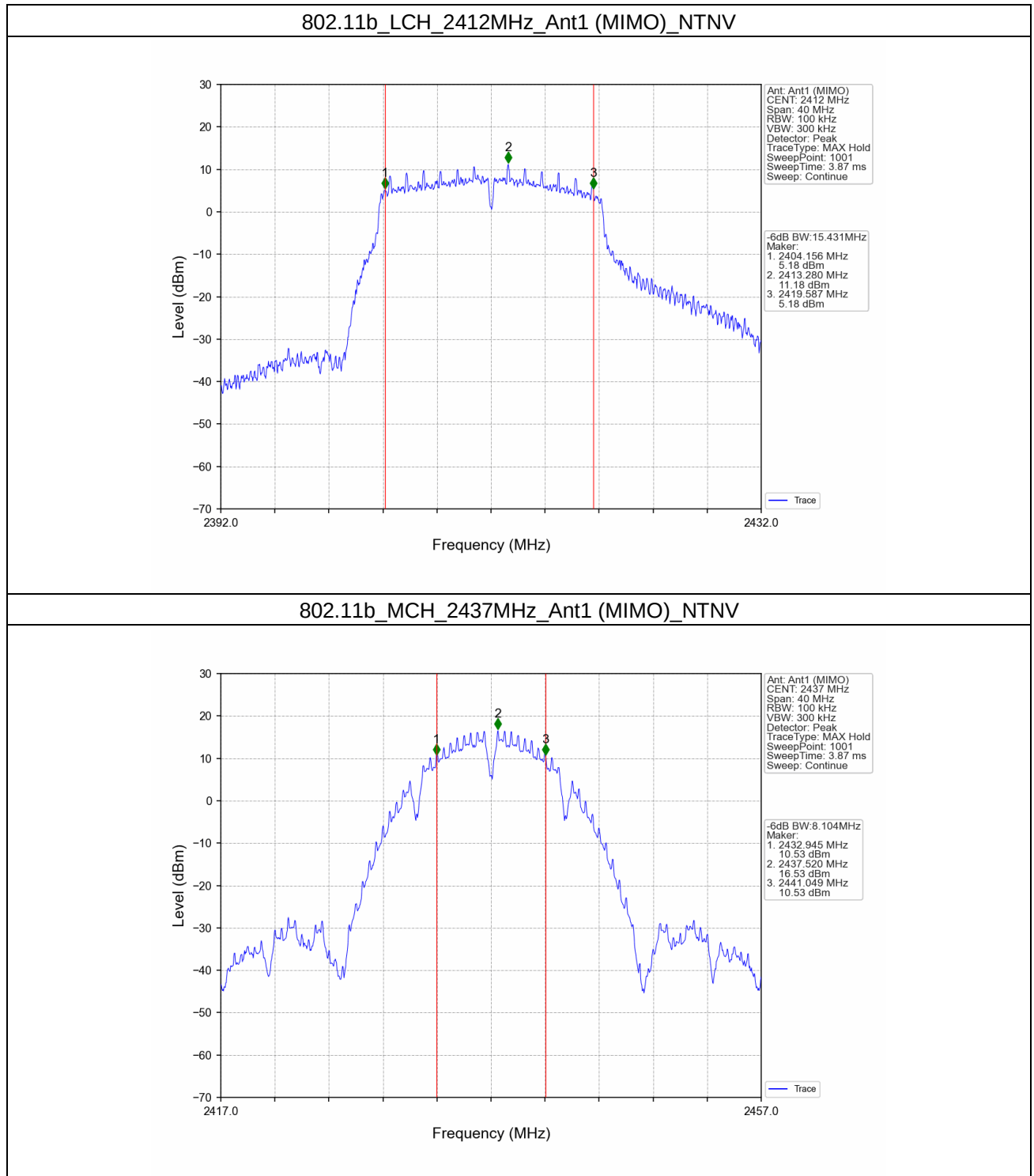


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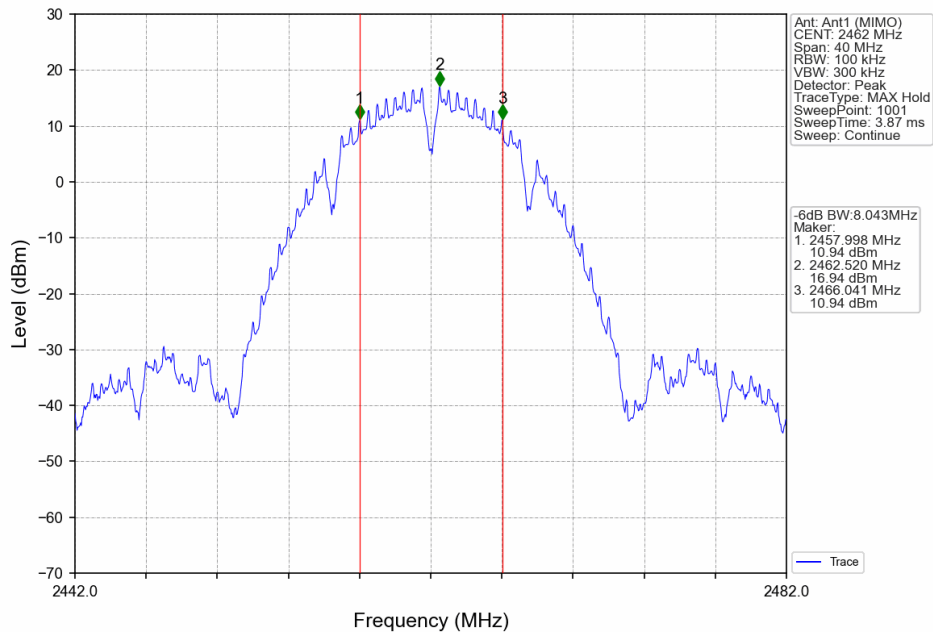
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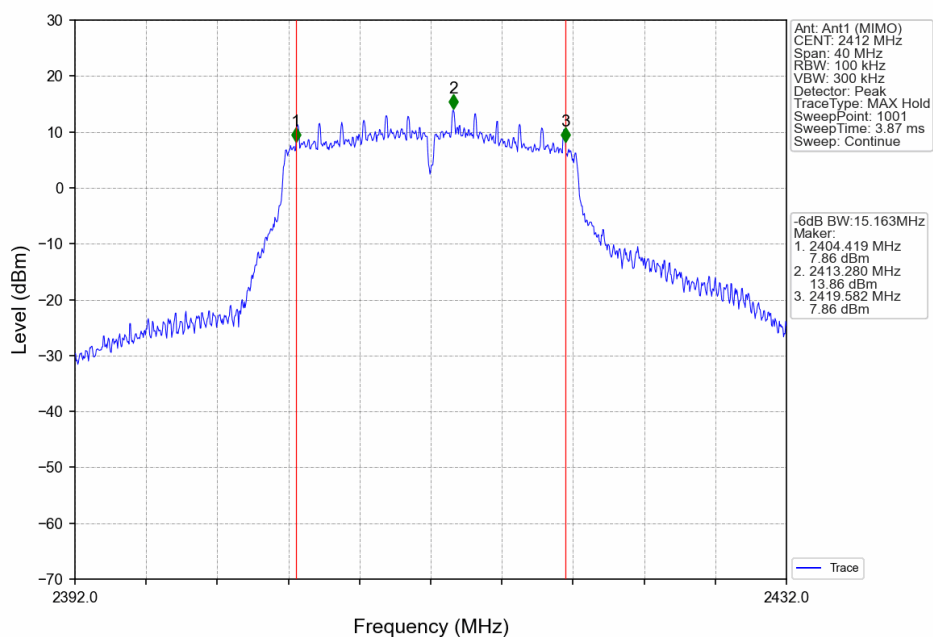
2.2.2 Test Graph



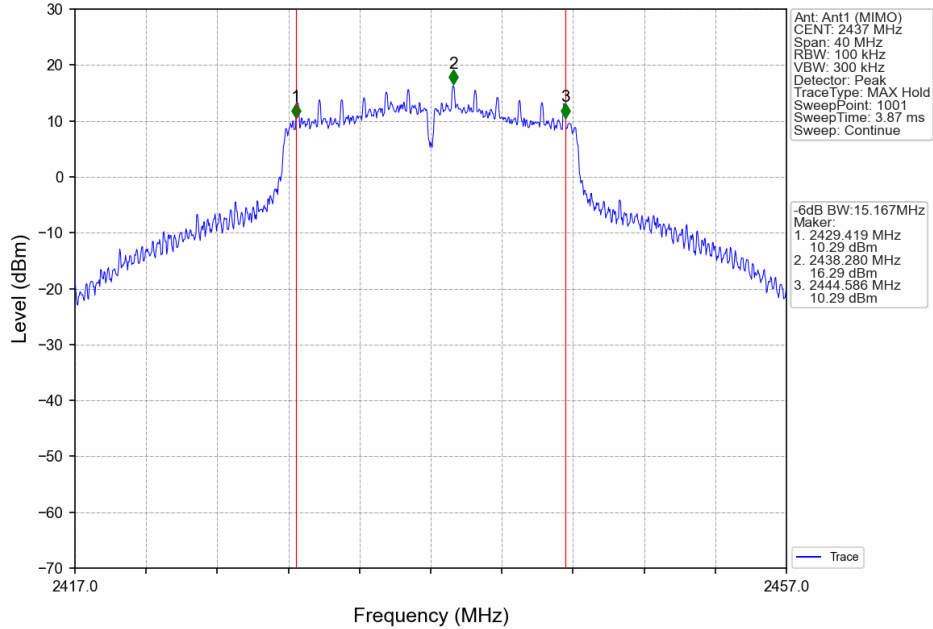
802.11b_HCH_2462MHz_Ant1 (MIMO)_NTNV



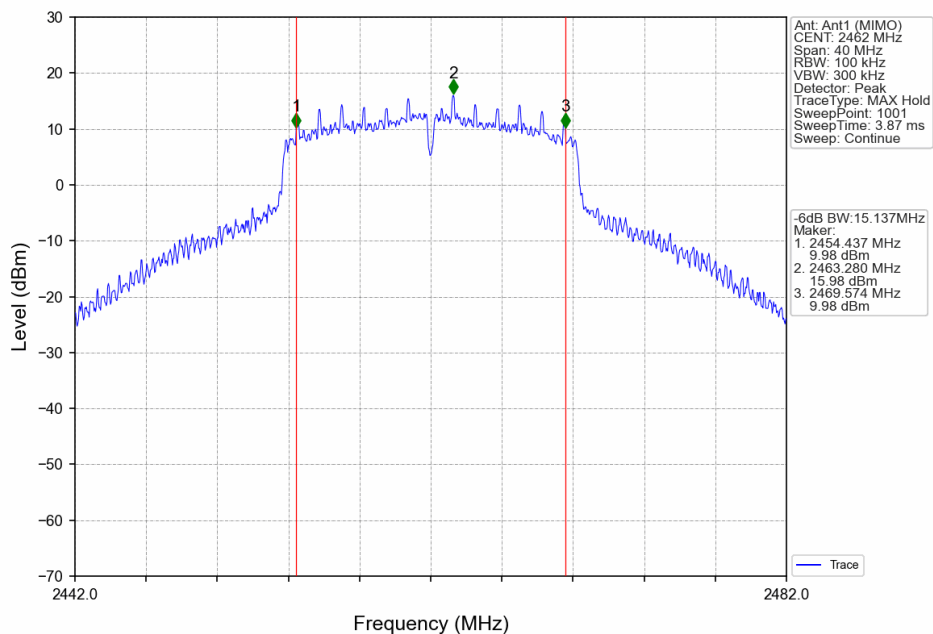
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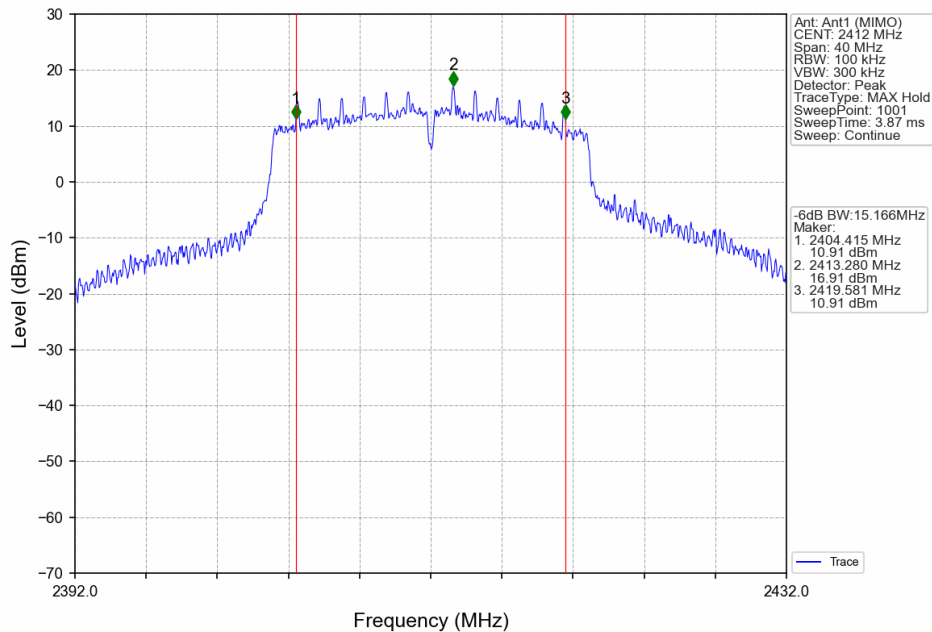
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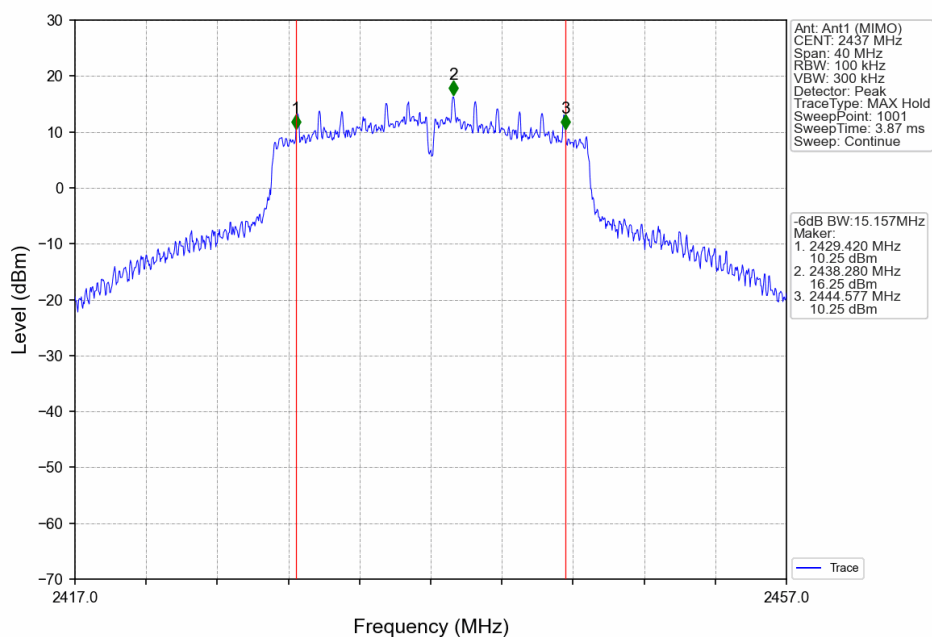
802.11g_HCH_2462MHz_Ant1 (MIMO)_NTNV



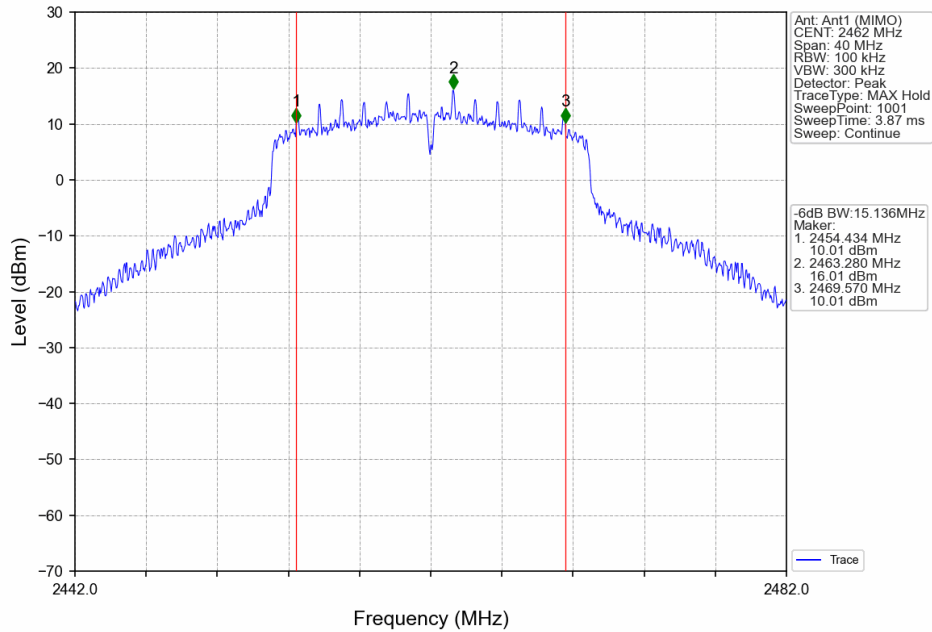
802.11n(HT20)_LCH_2412MHz_Ant1 (MIMO)_NTNV



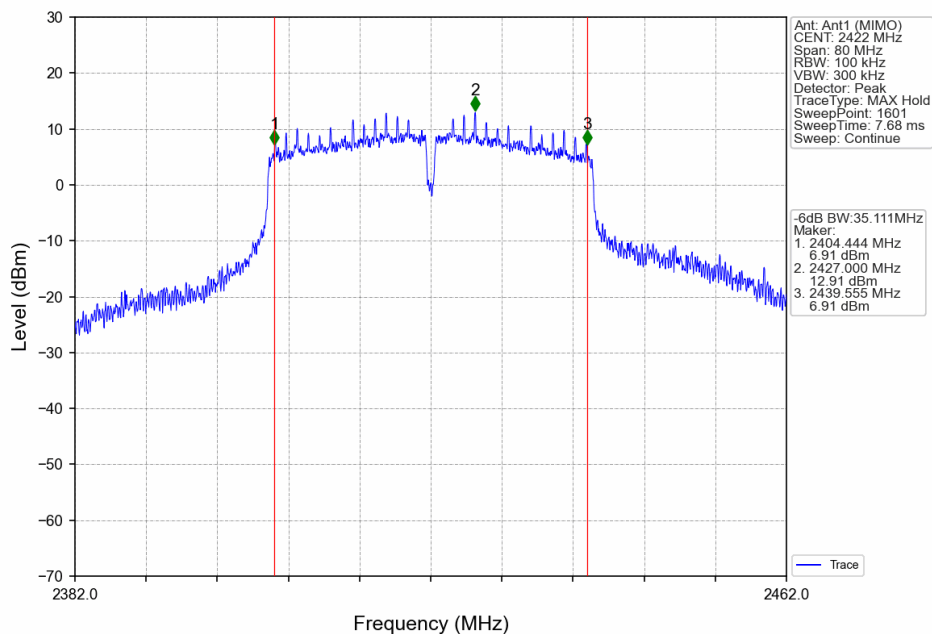
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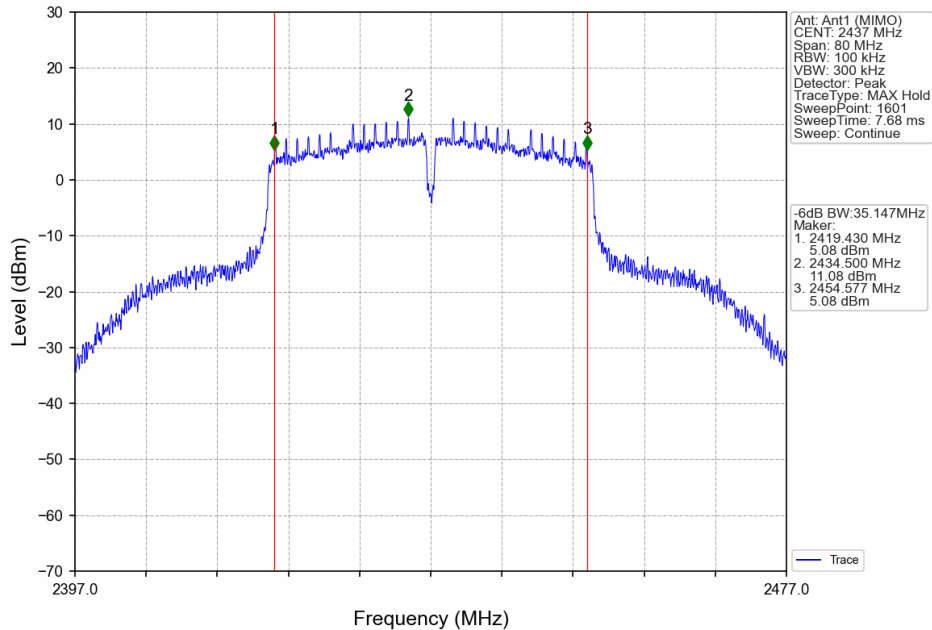
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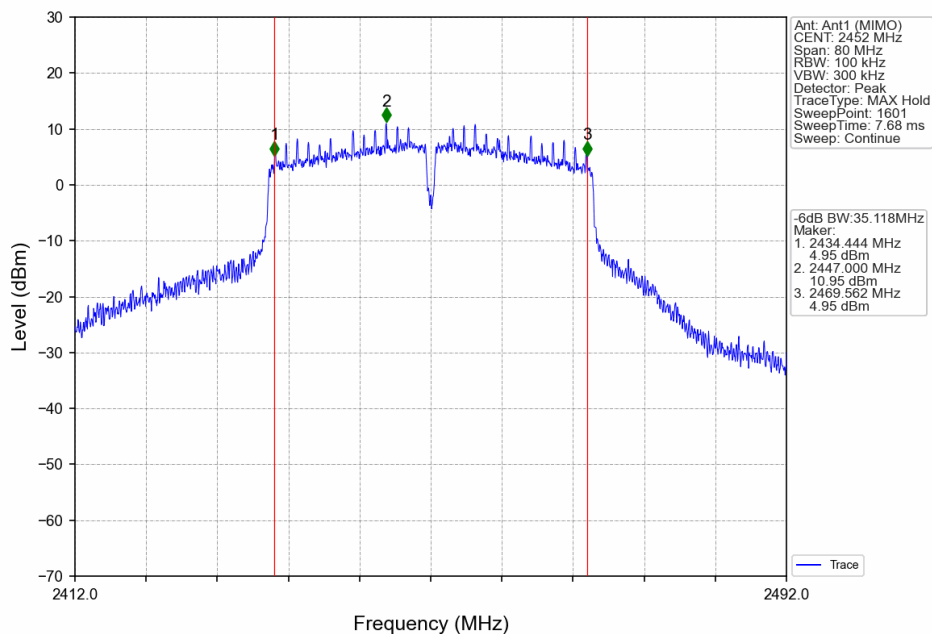
802.11n(HT40)_LCH_2422MHz_Ant1 (MIMO)_NTNV



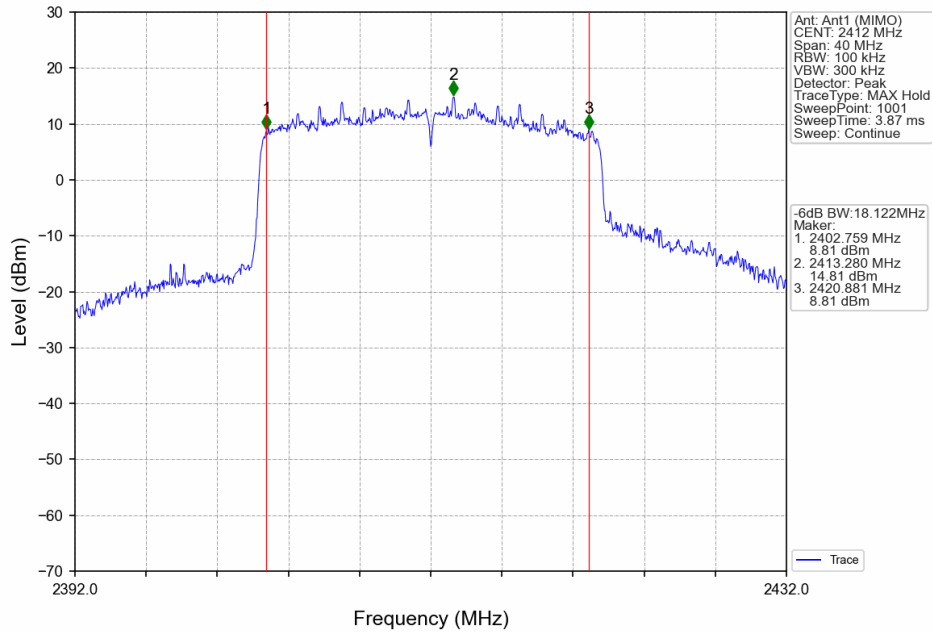
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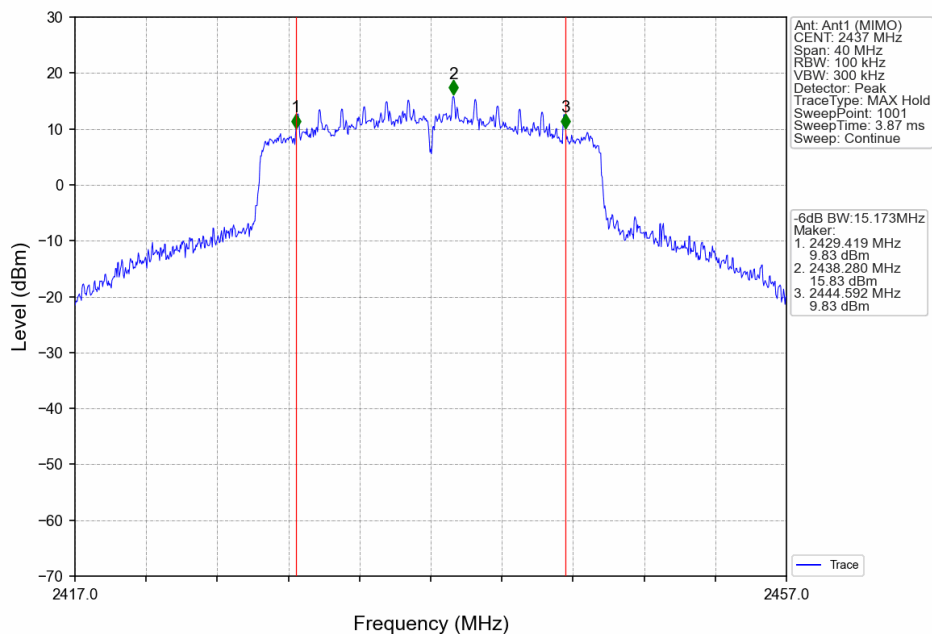
802.11n(HT40)_HCH_2452MHz_Ant1 (MIMO)_NTNV



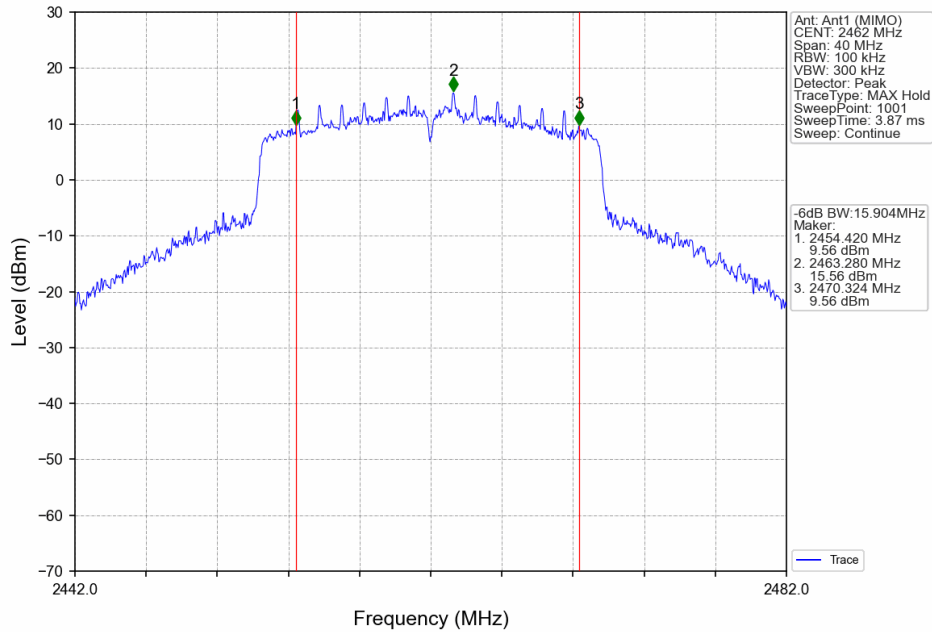
802.11ax(HEW20)_LCH_2412MHz_RU242_Left_Ant1 (MIMO)_NTNV



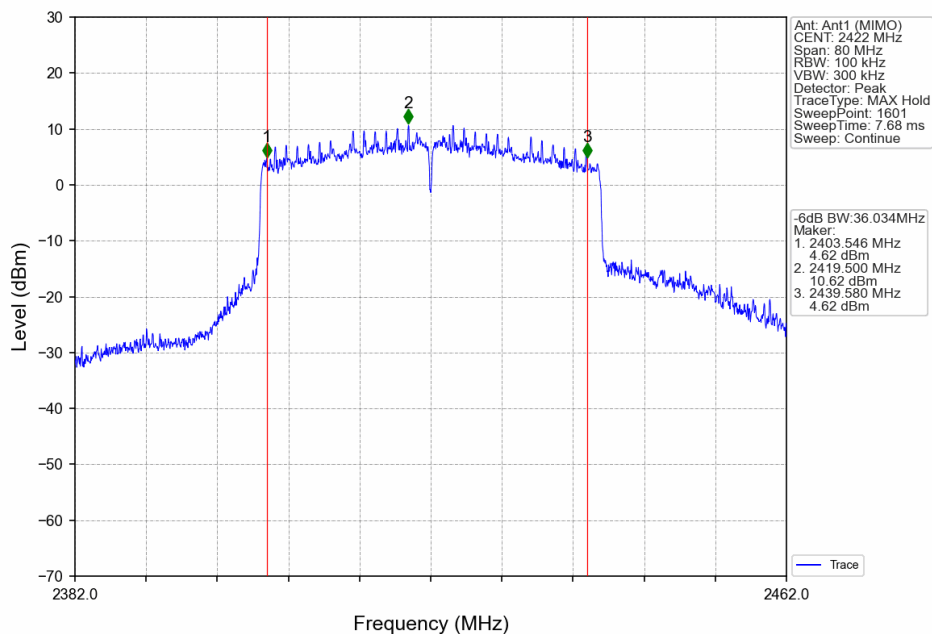
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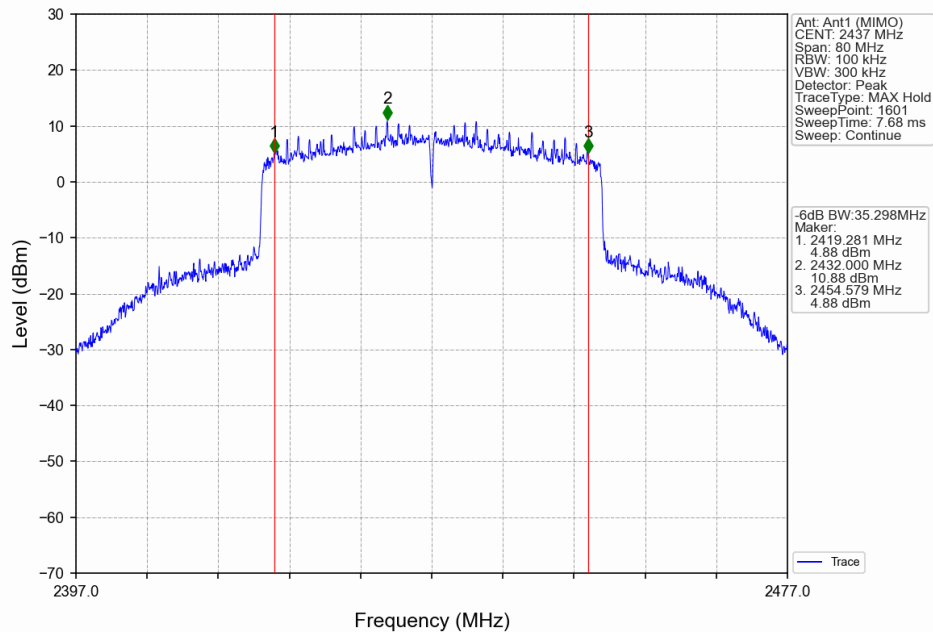
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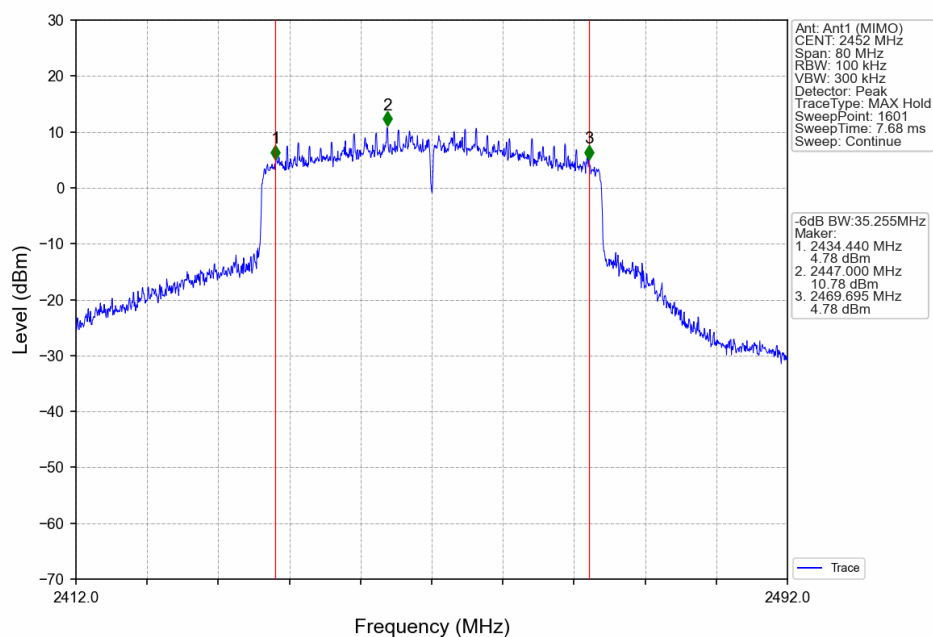
802.11ax(HEW40)_LCH_2422MHz_RU484_Left_Ant1 (MIMO)_NTNV



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 Power

3.1.1 Test Result

Mode	TX Type	Frequency (MHz)	RU	RU Pos	Maximum Average Conducted Output Power (dBm)				Verdict
					ANT1	ANT2	MIMO	Limit	
802.11b	MIMO	2412	/	/	17.35	17.54	20.46	<=30	Pass
		2437	/	/	17.02	17.55	20.30	<=30	Pass
		2462	/	/	17.19	17.42	20.32	<=30	Pass
802.11g	MIMO	2412	/	/	16.21	16.10	19.17	<=30	Pass
		2437	/	/	16.10	16.51	19.32	<=30	Pass
		2462	/	/	16.51	16.42	19.48	<=30	Pass
802.11n (HT20)	MIMO	2412	/	/	17.25	17.18	20.23	<=30	Pass
		2437	/	/	17.17	17.54	20.37	<=30	Pass
		2462	/	/	17.43	17.41	20.43	<=30	Pass
802.11n (HT40)	MIMO	2422	/	/	17.18	17.17	20.19	<=30	Pass
		2437	/	/	17.07	17.56	20.33	<=30	Pass
		2452	/	/	16.96	17.56	20.28	<=30	Pass
802.11ax (HEW20)	MIMO	2412	RU242	Left	17.38	17.22	20.31	<=30	Pass
		2437	RU242	Left	17.19	17.56	20.39	<=30	Pass
		2462	RU242	Left	17.52	17.52	20.53	<=30	Pass
802.11ax (HEW40)	MIMO	2422	RU484	Left	17.26	17.27	20.28	<=30	Pass
		2437	RU484	Left	17.11	17.71	20.43	<=30	Pass
		2452	RU484	Left	17.12	17.65	20.40	<=30	Pass

Note1: Antenna Gain: Ant1: 3.14dBi; Ant2: 3.53dBi;

Note2: Directional Gain: 3.53dBi

4. Maximum Power Spectral Density

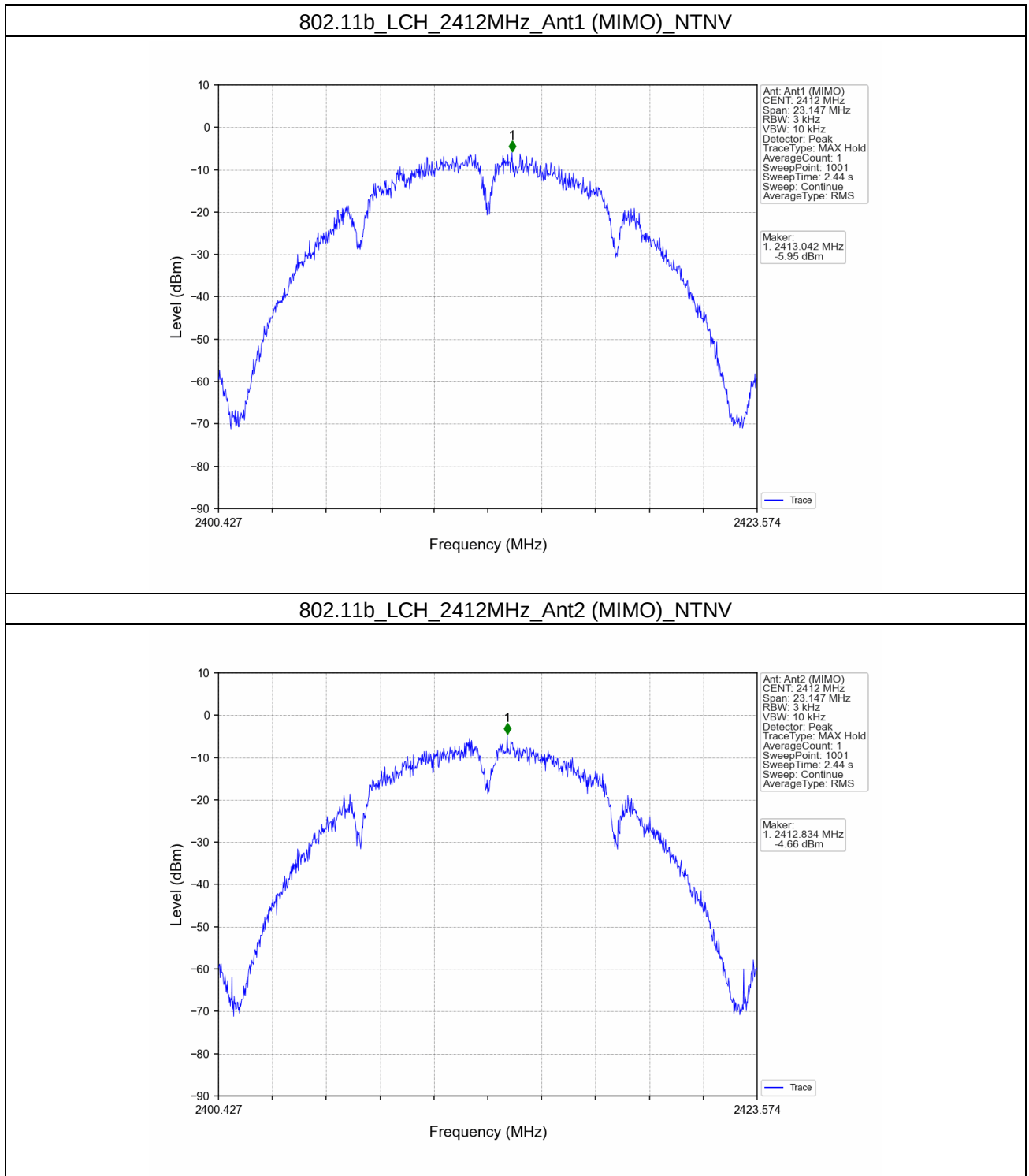
4.1 PSD

4.1.1 Test Result

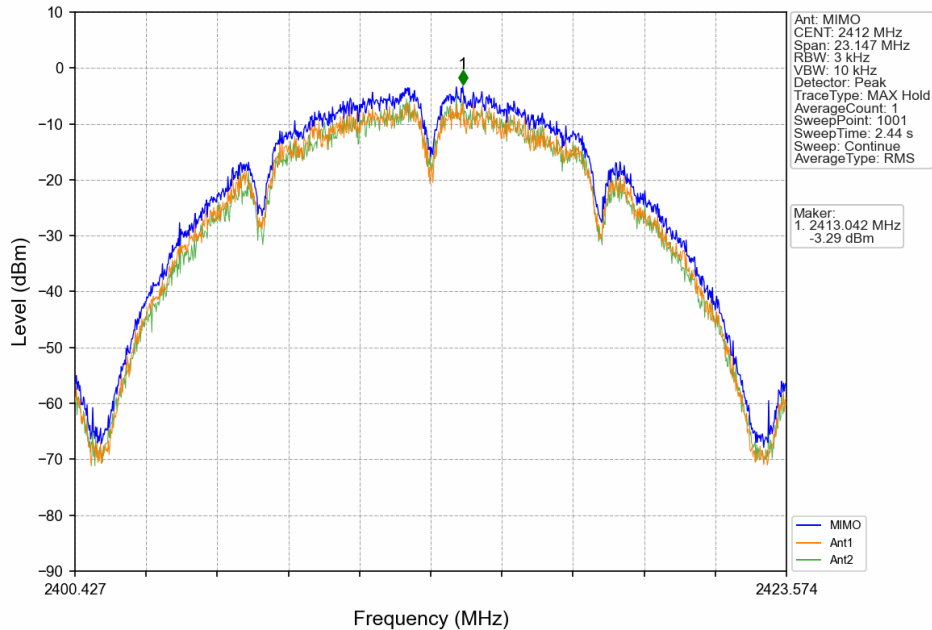
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					ANT1	ANT2	MIMO	Limit	
802.11b	MIMO	2412	/	/	-5.95	-4.66	-3.29	<=8	Pass
		2437	/	/	-4.10	-4.93	-2.58	<=8	Pass
		2462	/	/	-5.43	-5.34	-3.27	<=8	Pass
802.11g	MIMO	2412	/	/	-8.96	-7.58	-5.87	<=8	Pass
		2437	/	/	-6.60	-6.86	-5.40	<=8	Pass
		2462	/	/	-7.34	-6.76	-5.11	<=8	Pass
802.11n (HT20)	MIMO	2412	/	/	-8.18	-8.30	-6.11	<=8	Pass
		2437	/	/	-5.85	-7.42	-4.77	<=8	Pass
		2462	/	/	-7.80	-5.98	-3.88	<=8	Pass
802.11n (HT40)	MIMO	2422	/	/	-10.04	-9.25	-7.51	<=8	Pass
		2437	/	/	-10.17	-10.59	-8.16	<=8	Pass
		2452	/	/	-10.88	-10.34	-8.23	<=8	Pass
802.11ax (HEW20)	MIMO	2412	RU242	Left	-9.34	-9.17	-6.97	<=8	Pass
		2437	RU242	Left	-8.06	-9.14	-5.62	<=8	Pass
		2462	RU242	Left	-7.59	-9.16	-5.52	<=8	Pass
802.11ax (HEW40)	MIMO	2422	RU484	Left	-9.89	-11.48	-9.19	<=8	Pass
		2437	RU484	Left	-12.27	-10.67	-8.99	<=8	Pass
		2452	RU484	Left	-11.43	-11.19	-9.19	<=8	Pass



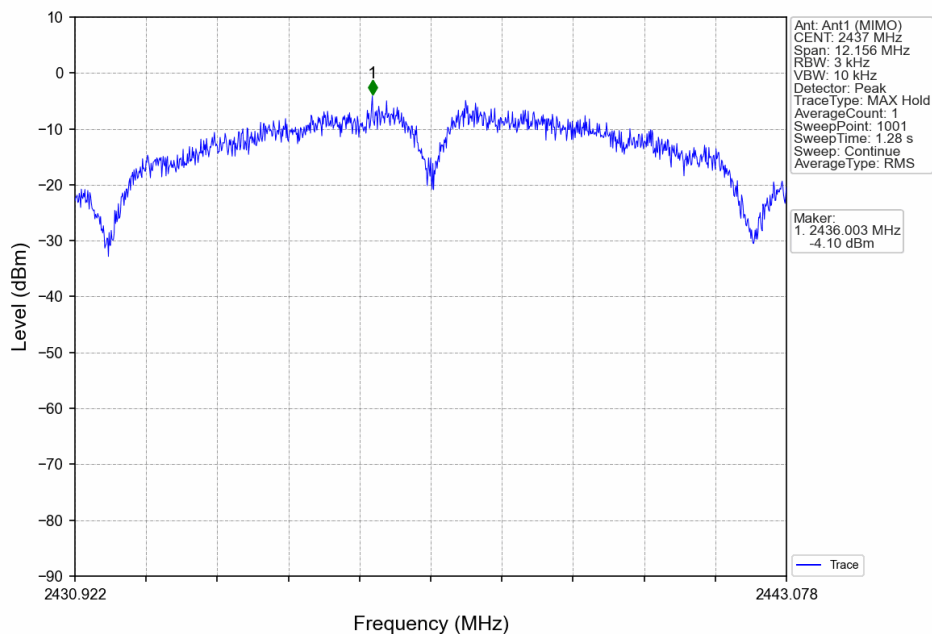
4.1.2 Test Graph



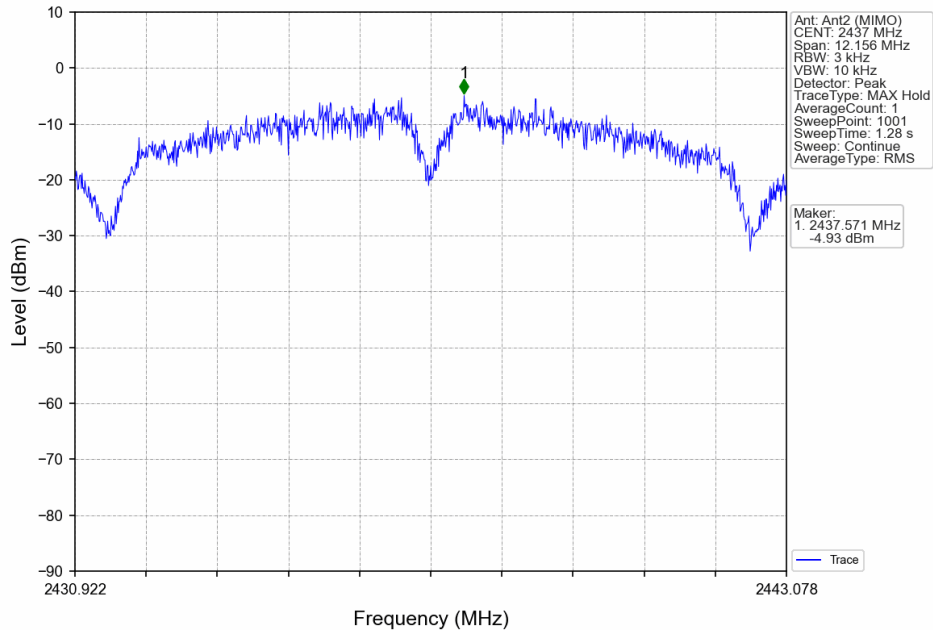
802.11b_LCH_2412MHz_MIMO_NTNV



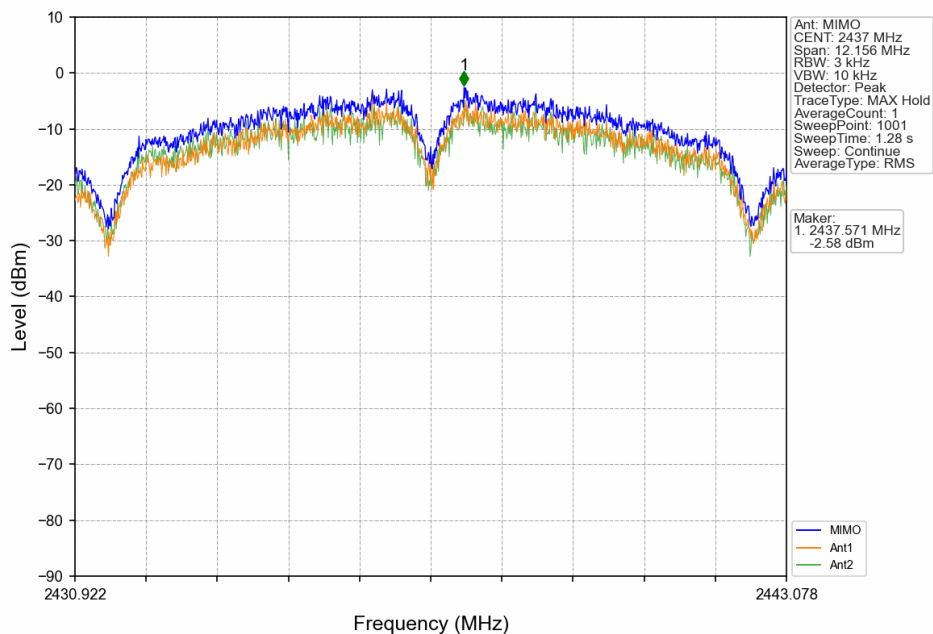
802.11b_MCH_2437MHz_Ant1 (MIMO)_NTNV



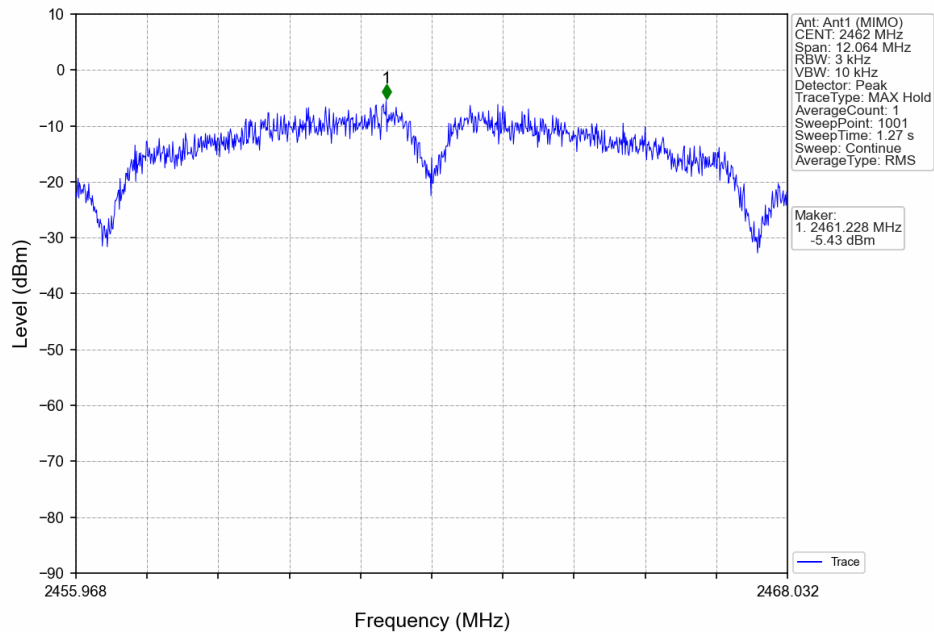
802.11b_MCH_2437MHz_Ant2 (MIMO)_NTNV



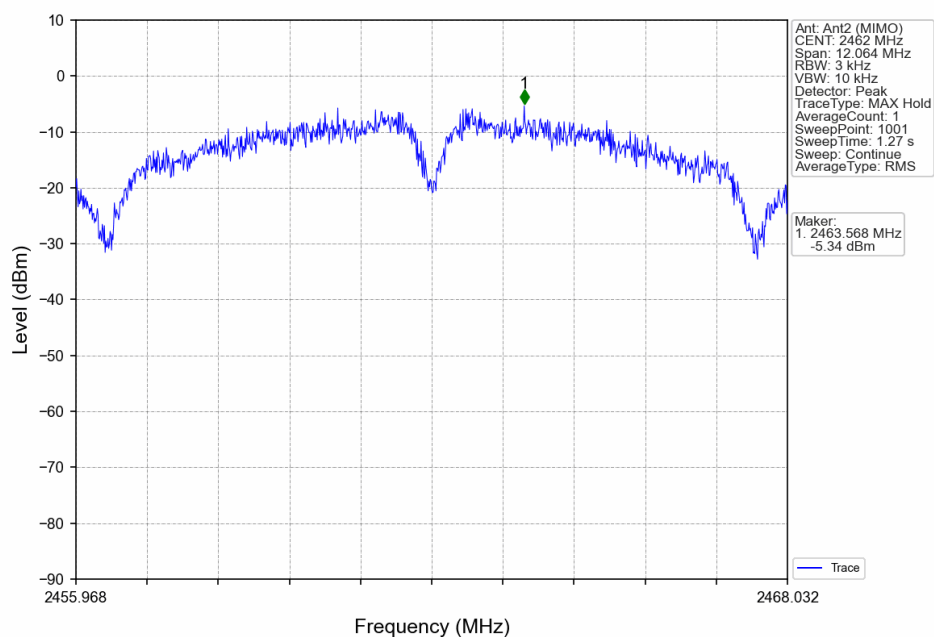
802.11b_MCH_2437MHz_MIMO_NTNV



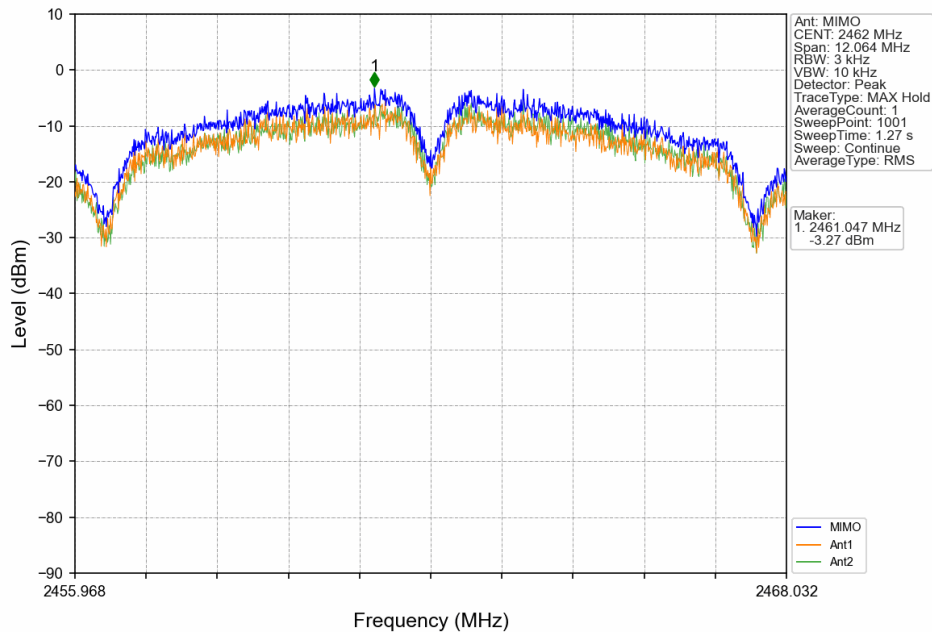
802.11b_HCH_2462MHz_Ant1 (MIMO)_NTNV



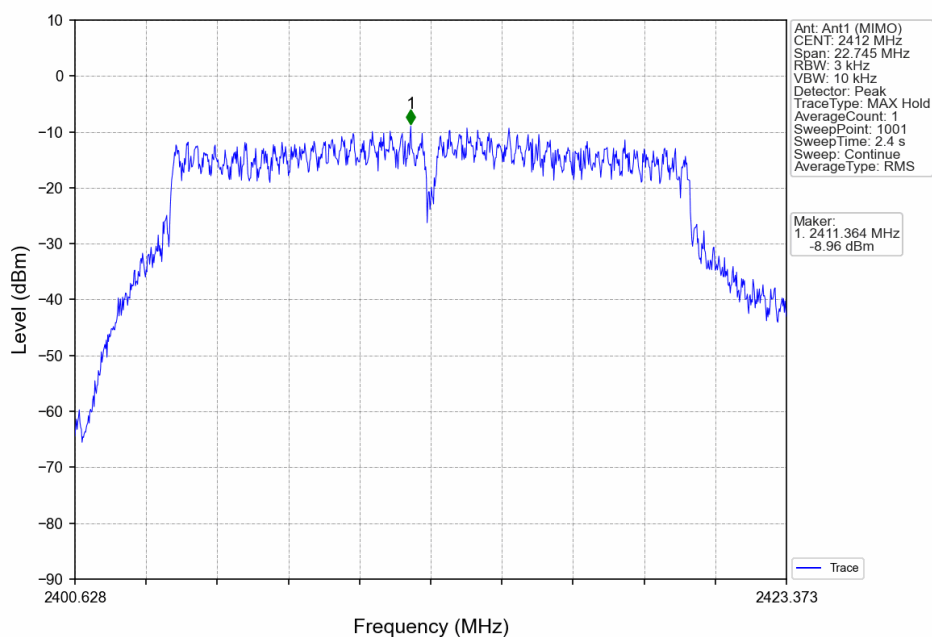
802.11b_HCH_2462MHz_Ant2 (MIMO)_NTNV



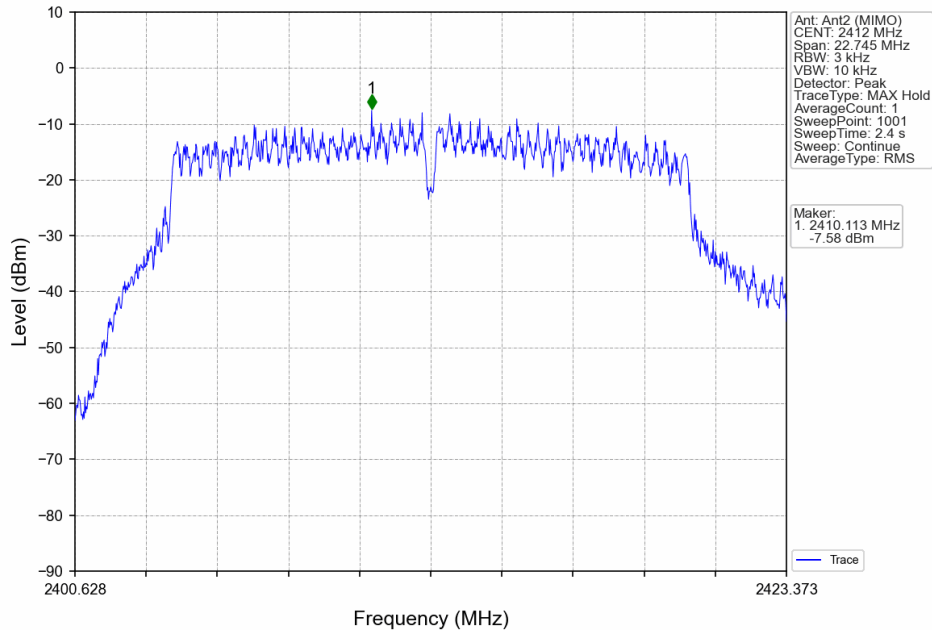
802.11b_HCH_2462MHz_MIMO_NTNV



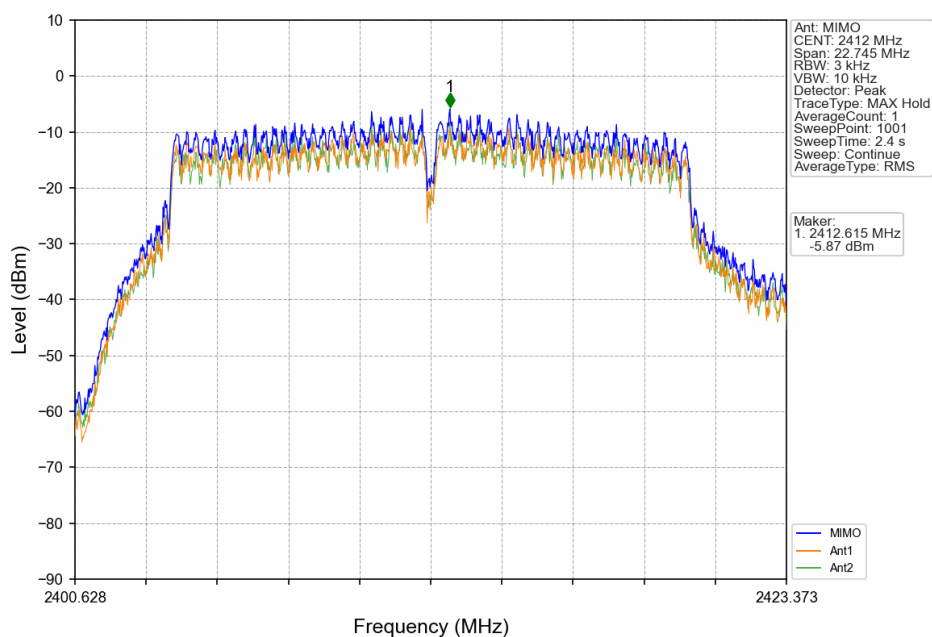
802.11g_LCH_2412MHz_Ant1 (MIMO)_NTNV



802.11g_LCH_2412MHz_Ant2 (MIMO)_NTNV



802.11g_LCH_2412MHz_MIMO_NTNV



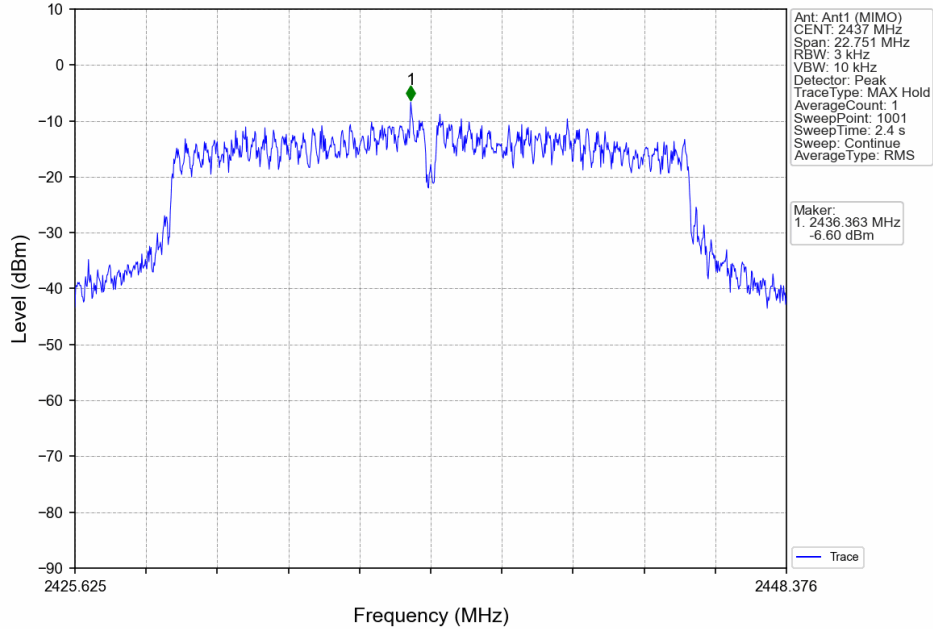
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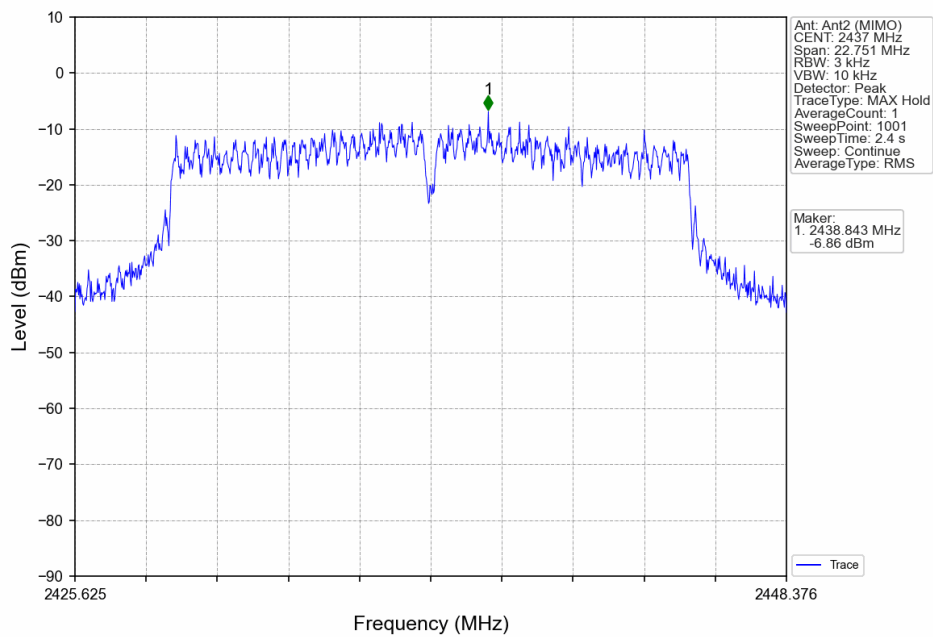
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802.11g_MCH_2437MHz_Ant1 (MIMO)_NTNV



802.11g_MCH_2437MHz_Ant2 (MIMO)_NTNV



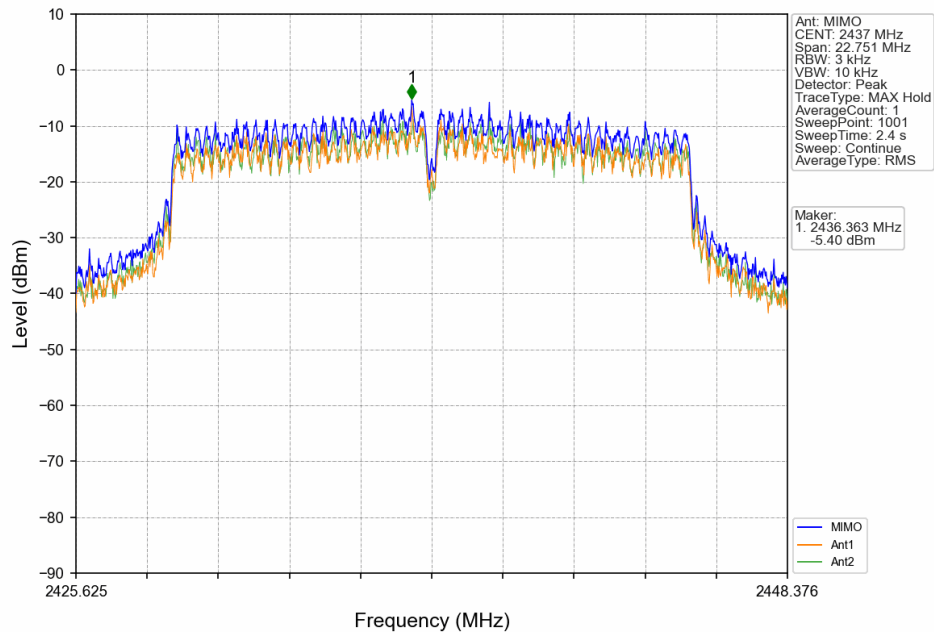
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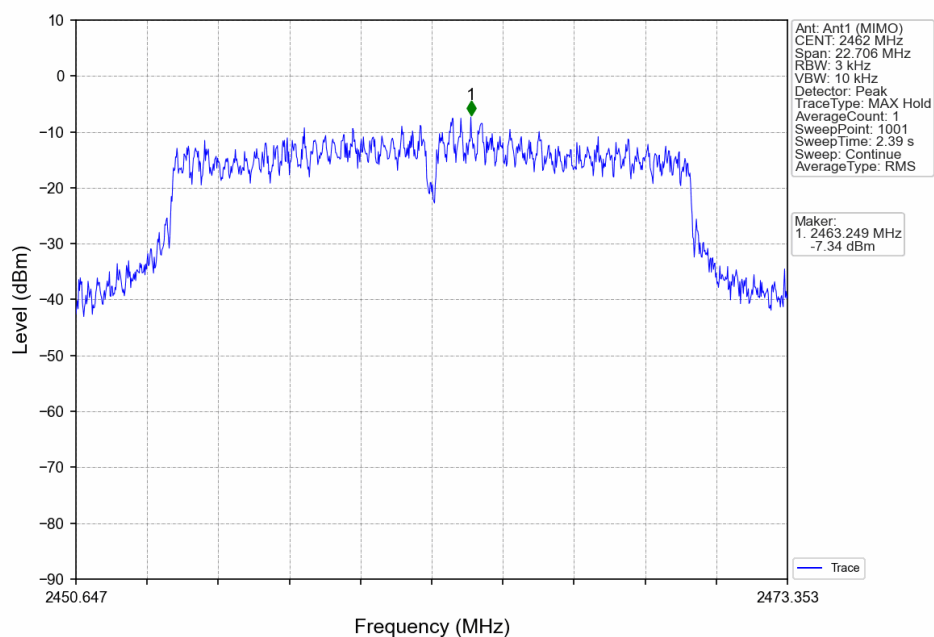
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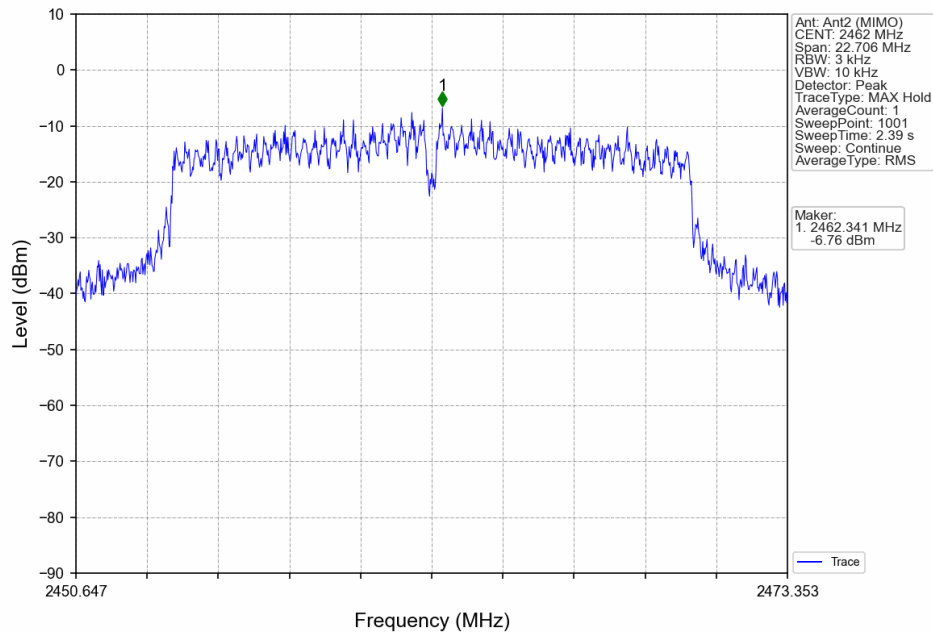
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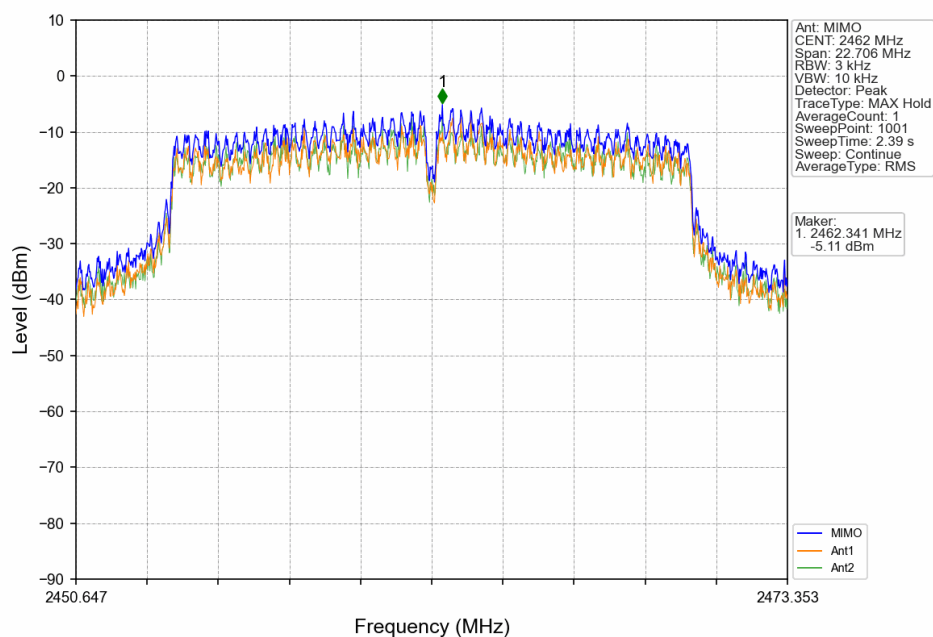
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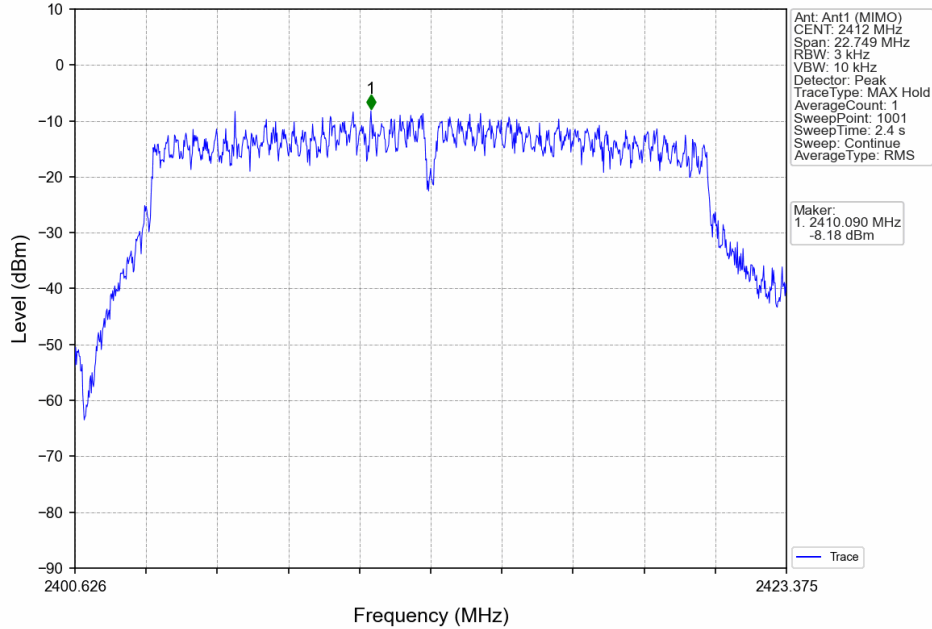
802.11g_HCH_2462MHz_Ant2 (MIMO)_NTNV



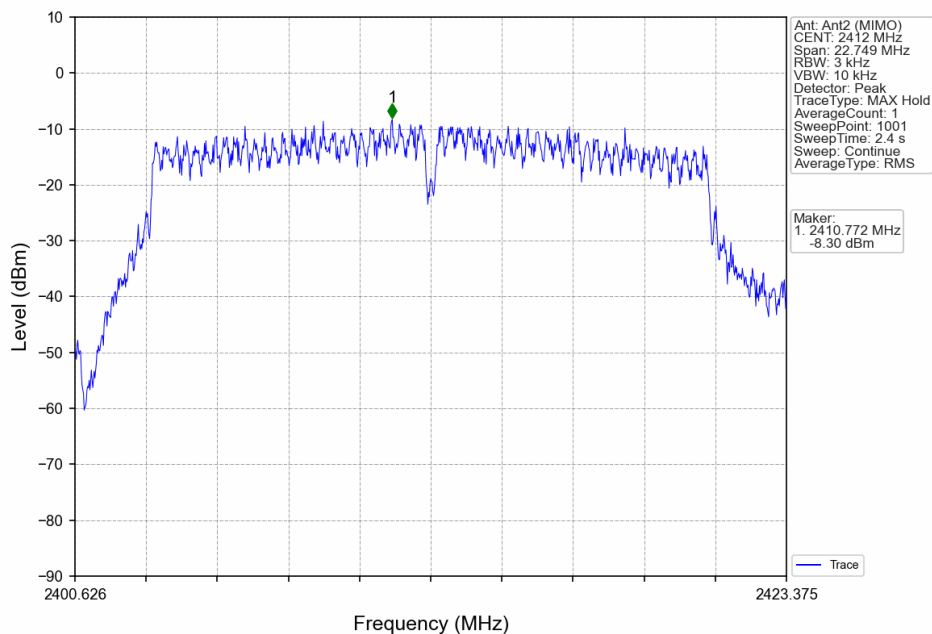
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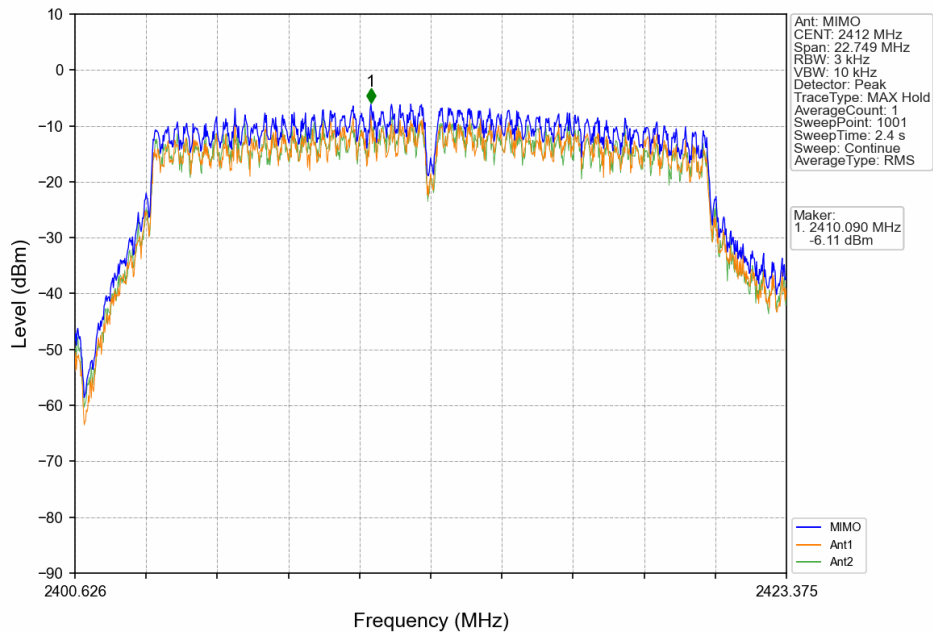
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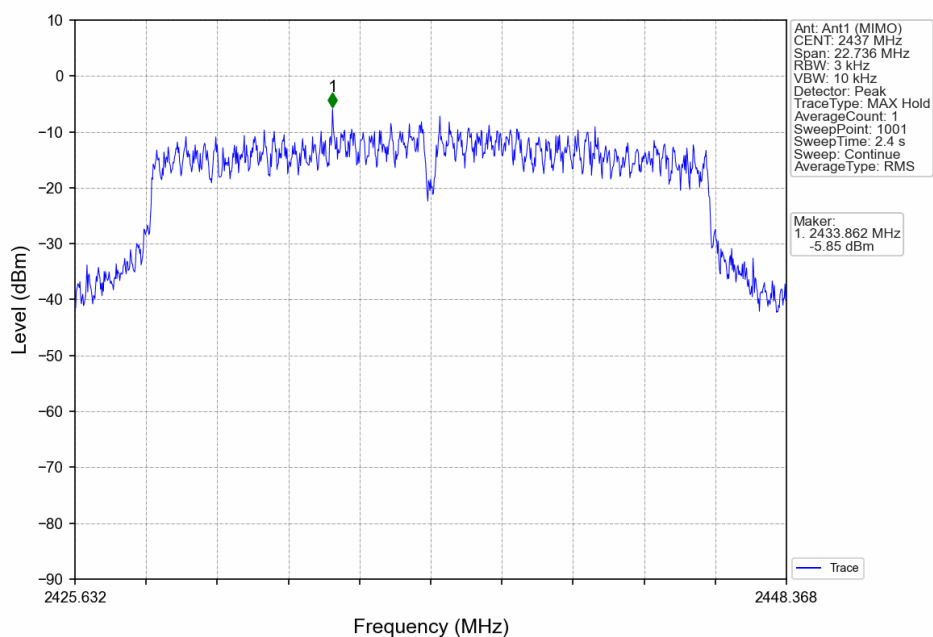
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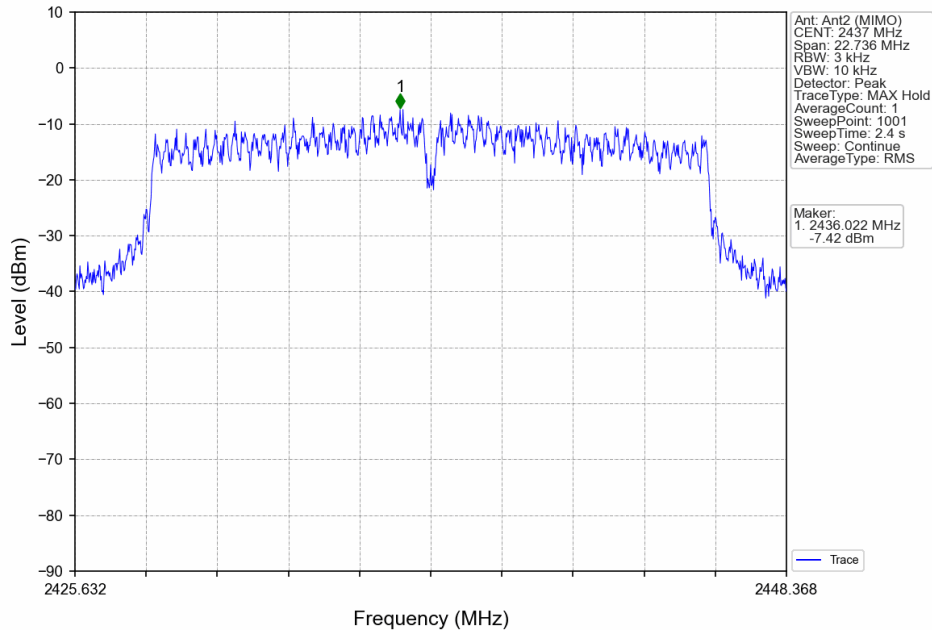
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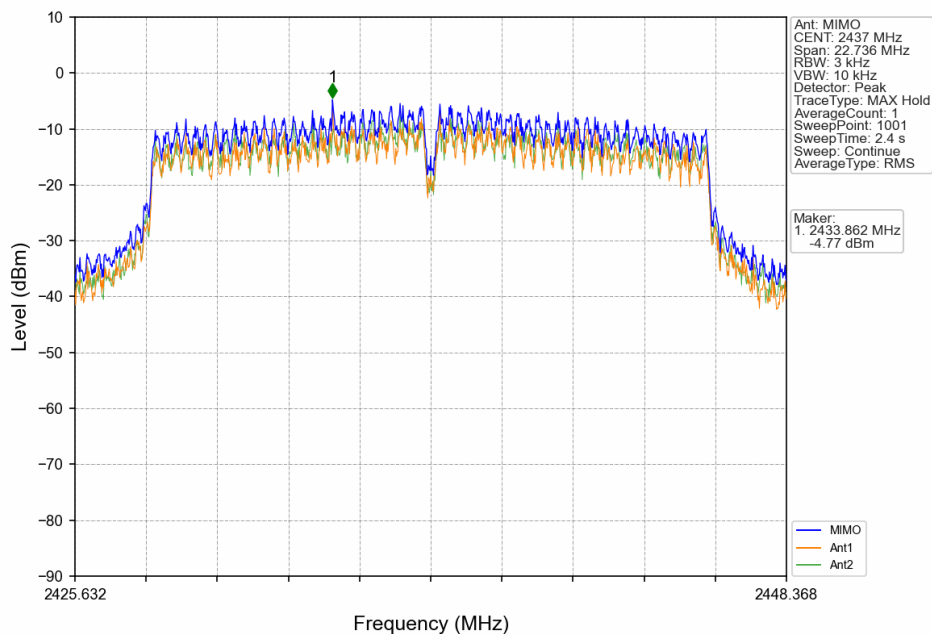
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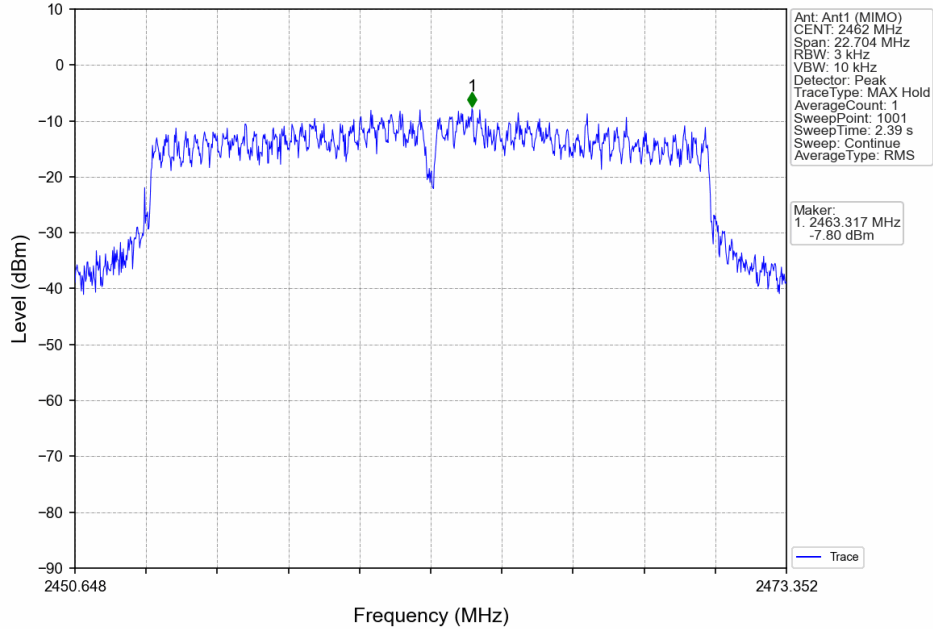
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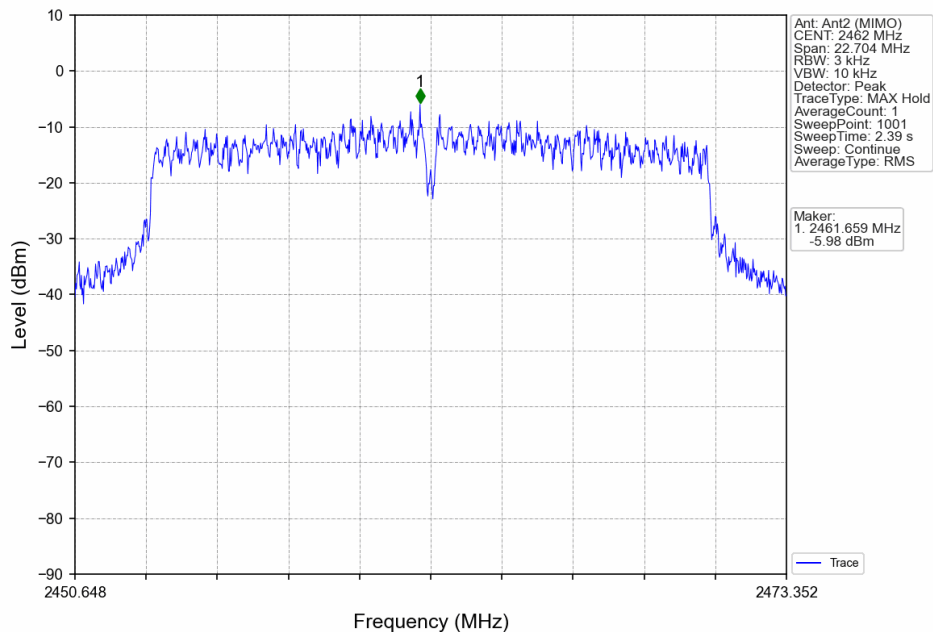
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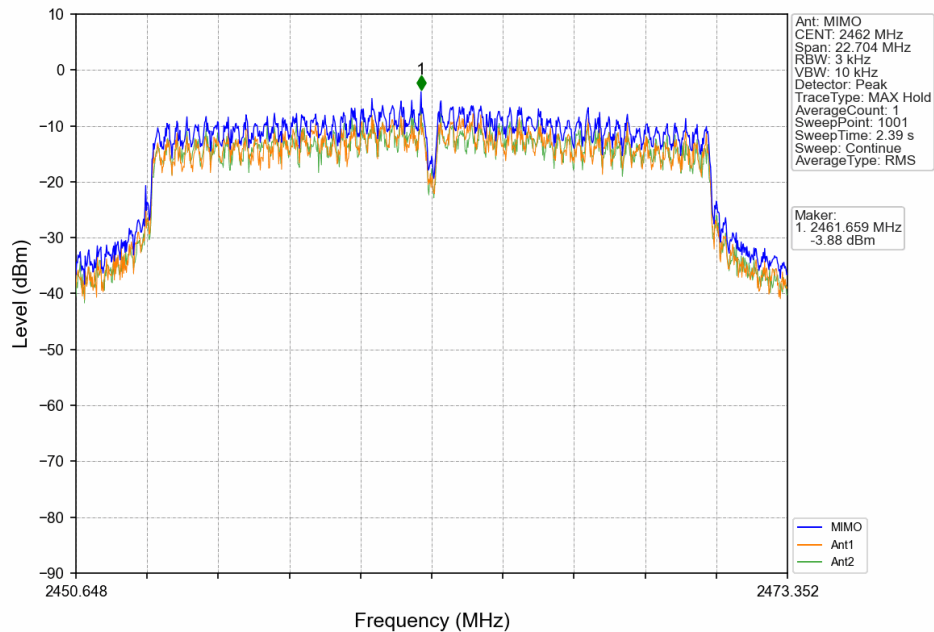
802.11n(HT20)_HCH_2462MHz_Ant1 (MIMO)_NTNV



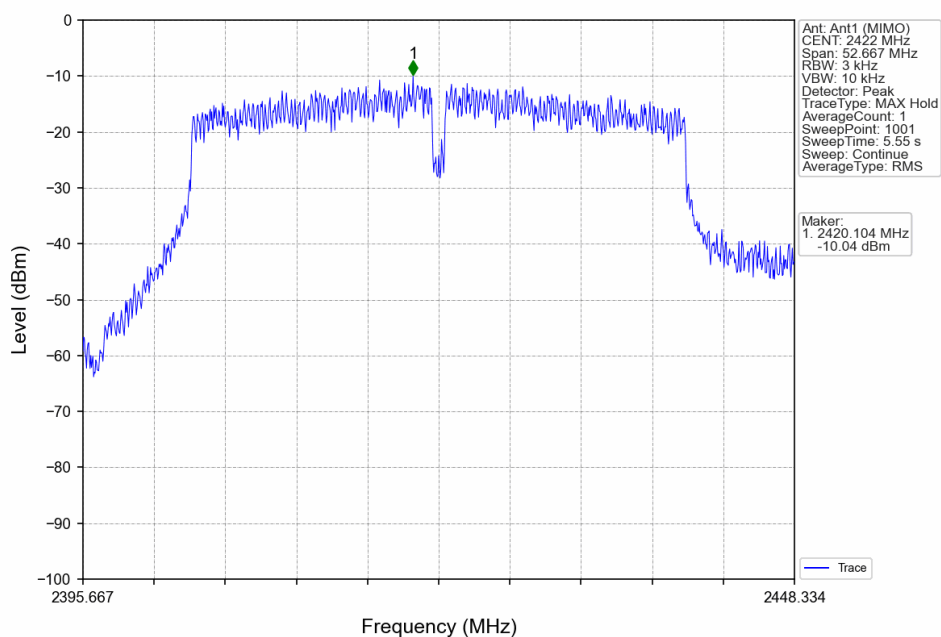
802.11n(HT20)_HCH_2462MHz_Ant2 (MIMO)_NTNV



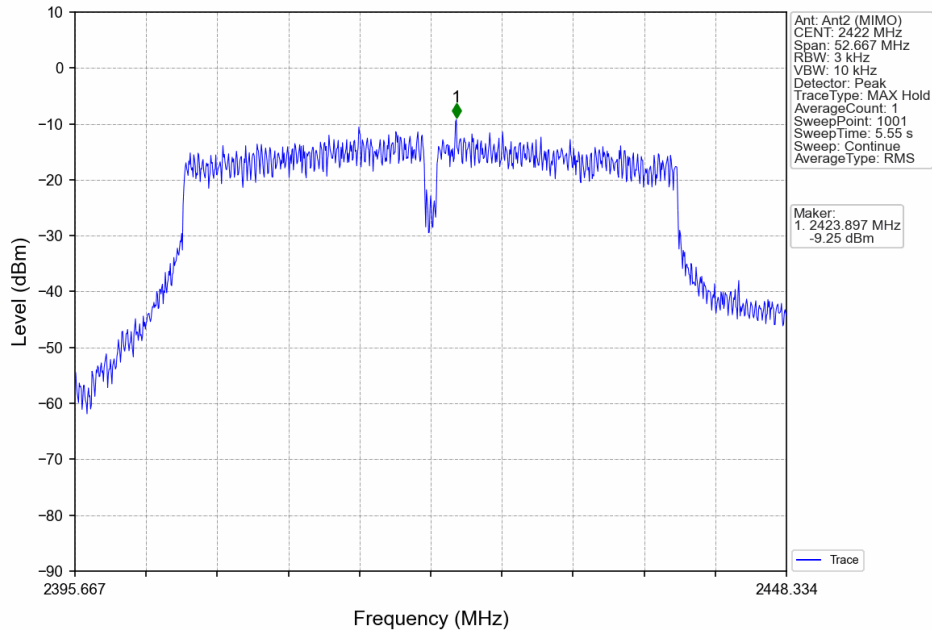
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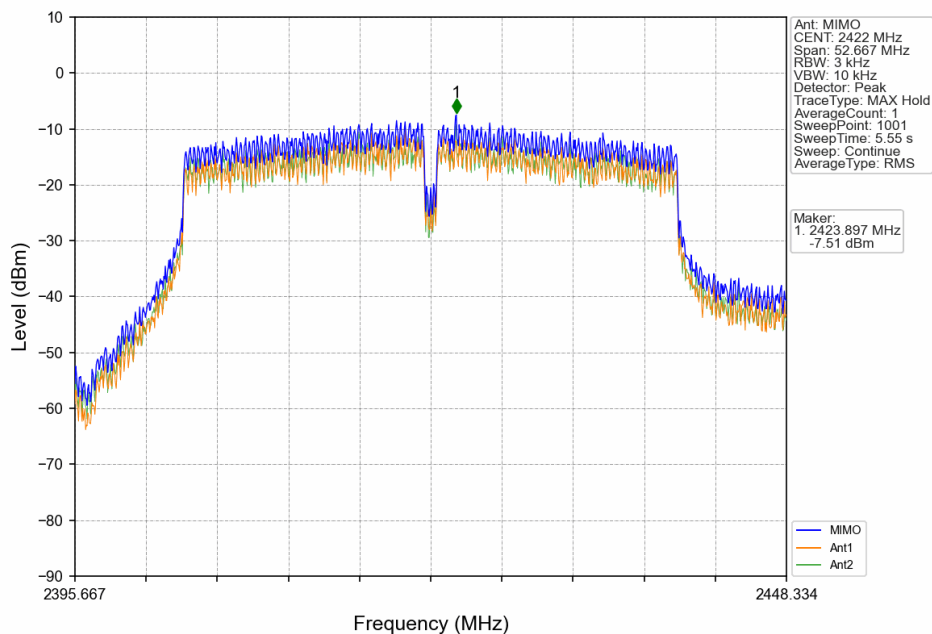
802.11n(HT40)_LCH_2422MHz_Ant1 (MIMO)_NTNV



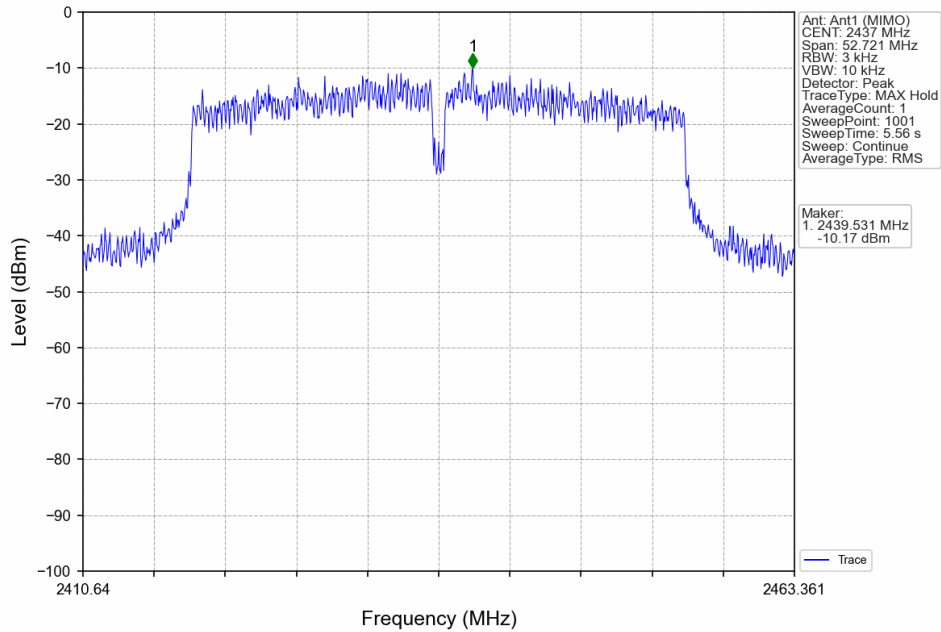
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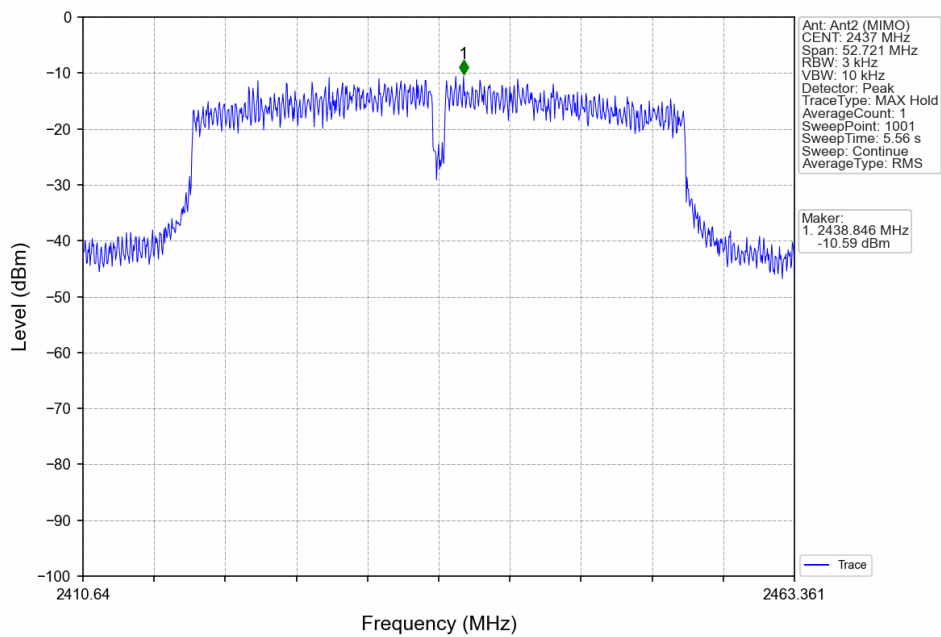
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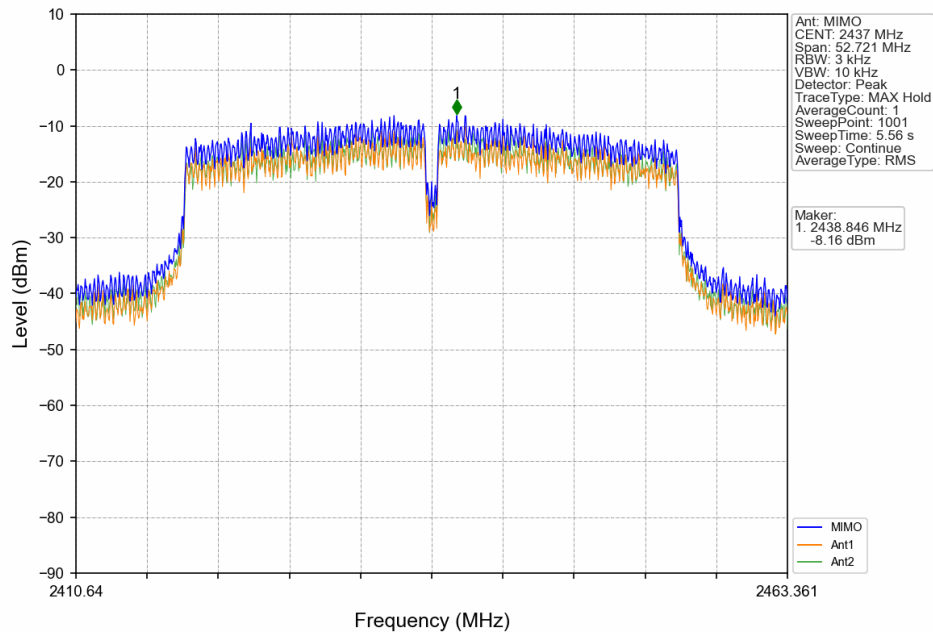
802.11n(HT40)_MCH_2437MHz_Ant1 (MIMO)_NTNV



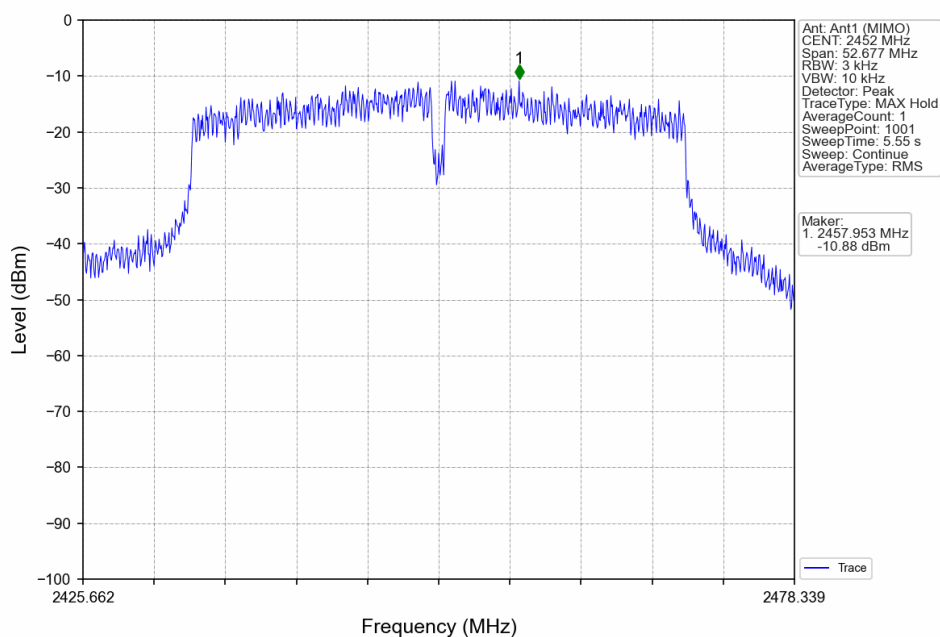
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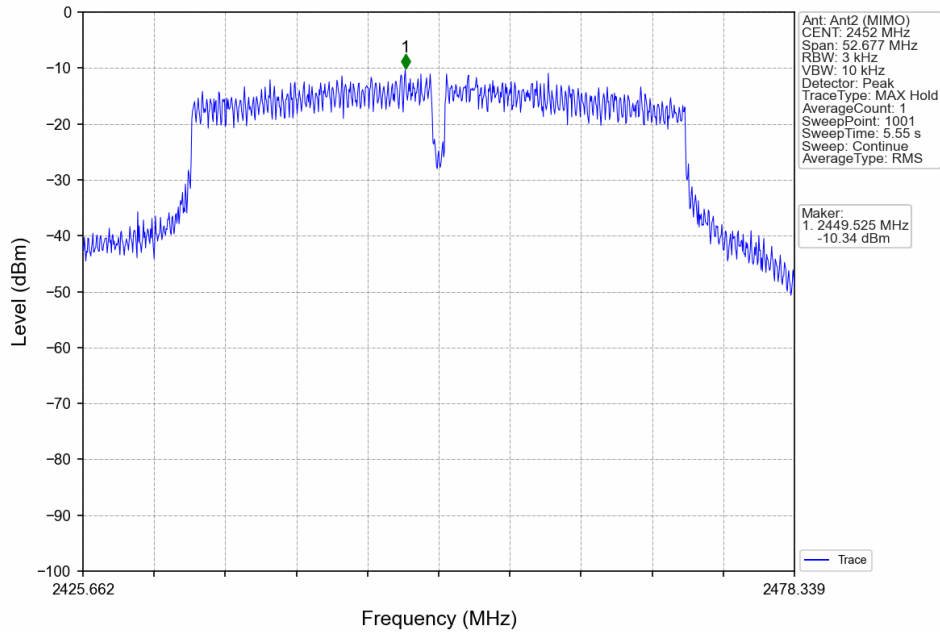
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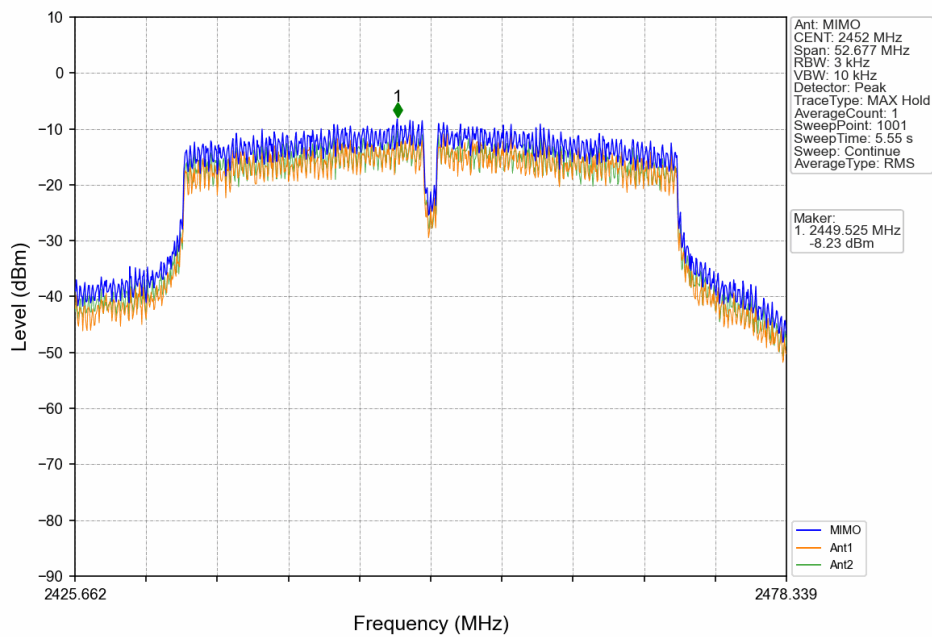
802.11n(HT40)_HCH_2452MHz_Ant1 (MIMO)_NTNV



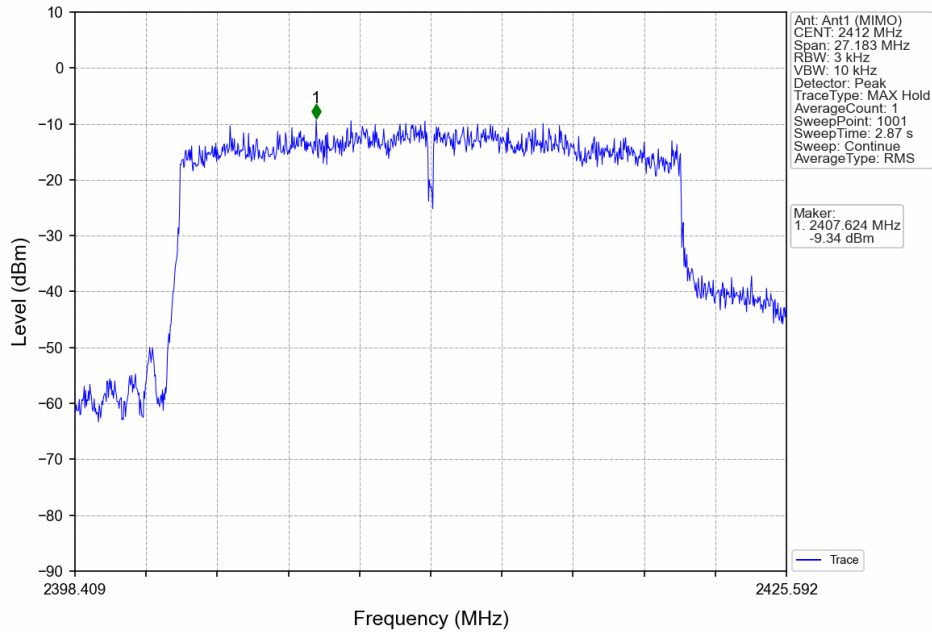
802.11n(HT40)_HCH_2452MHz_Ant2 (MIMO)_NTNV



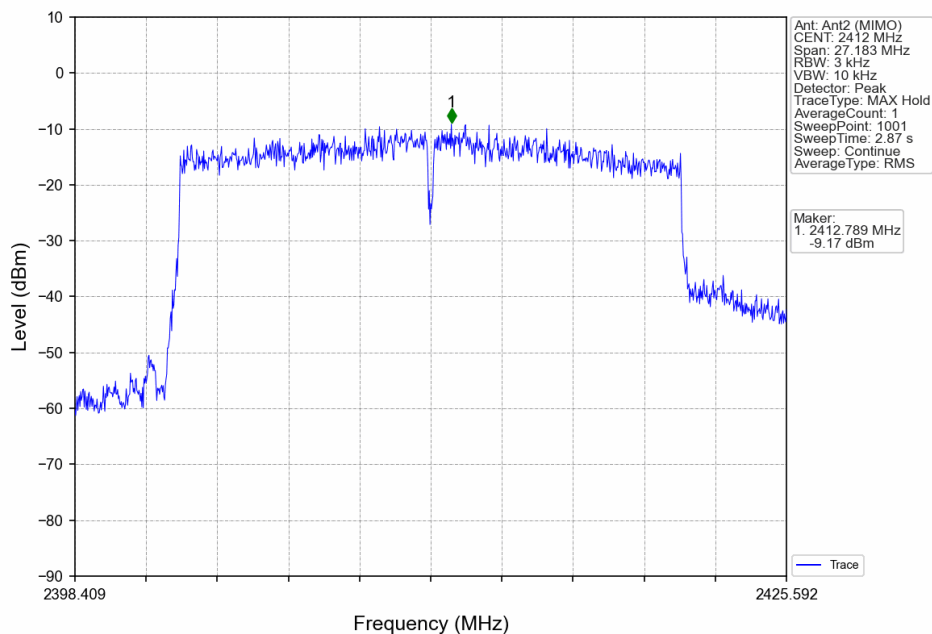
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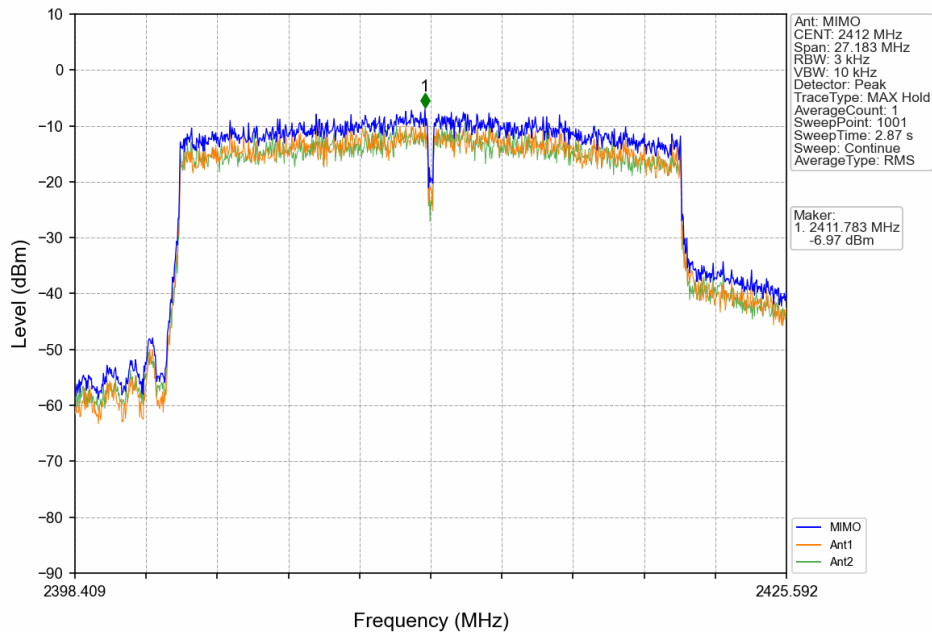
802.11ax(HEW20)_LCH_2412MHz_RU242_Left_Ant1 (MIMO)_NTNV



802.11ax(HEW20)_LCH_2412MHz_RU242_Left_Ant2 (MIMO)_NTNV



802.11ax(HEW20)_LCH_2412MHz_RU242_Left_MIMO_NTNV



802.11ax(HEW20)_MCH_2437MHz_RU242_Left_Ant1 (MIMO)_NTNV

