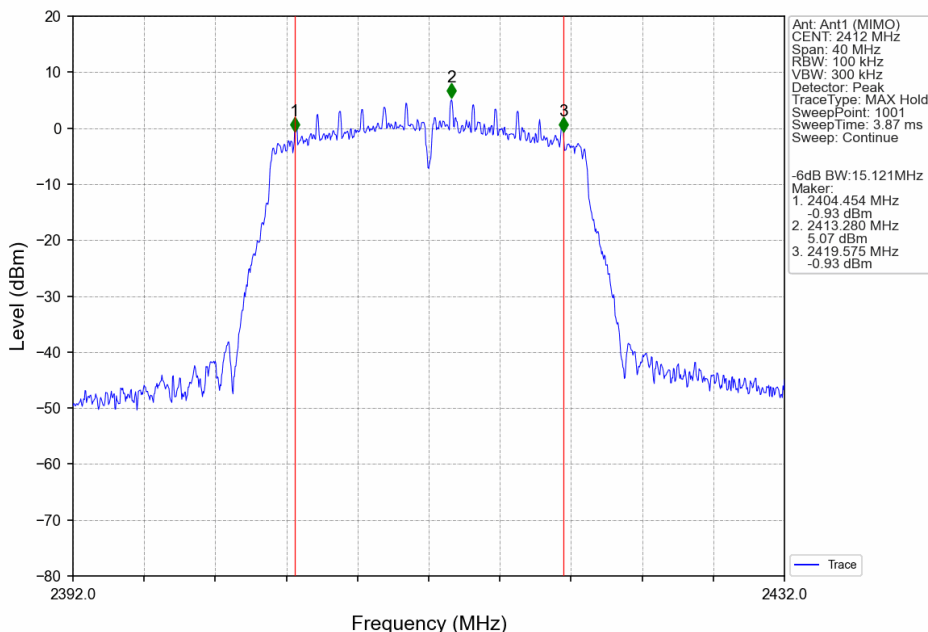
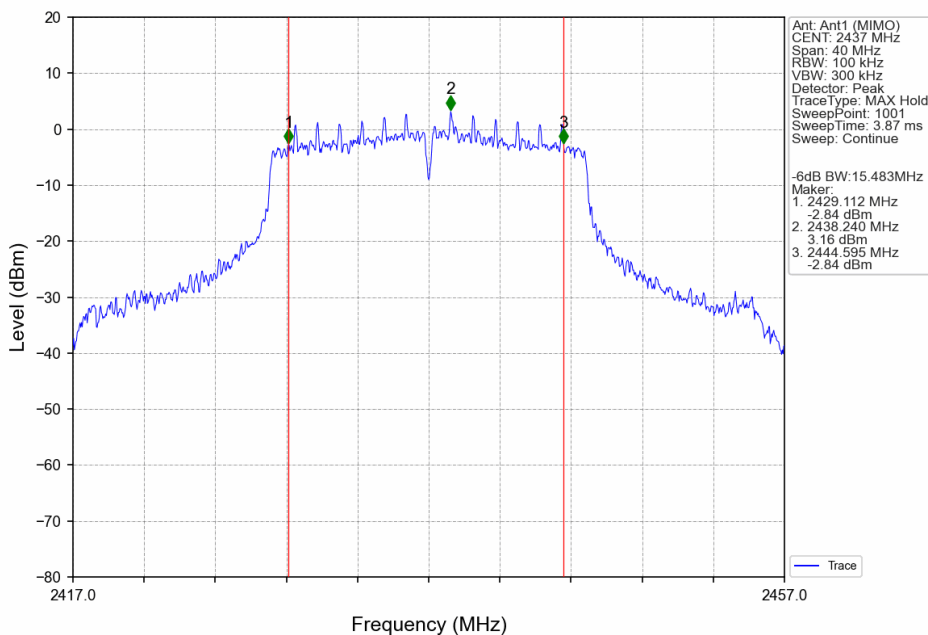


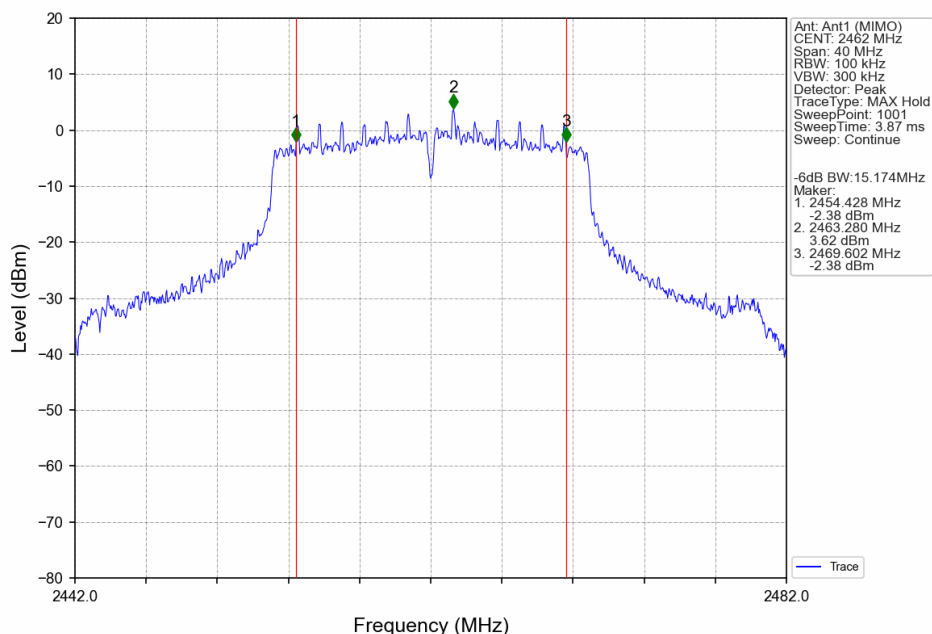
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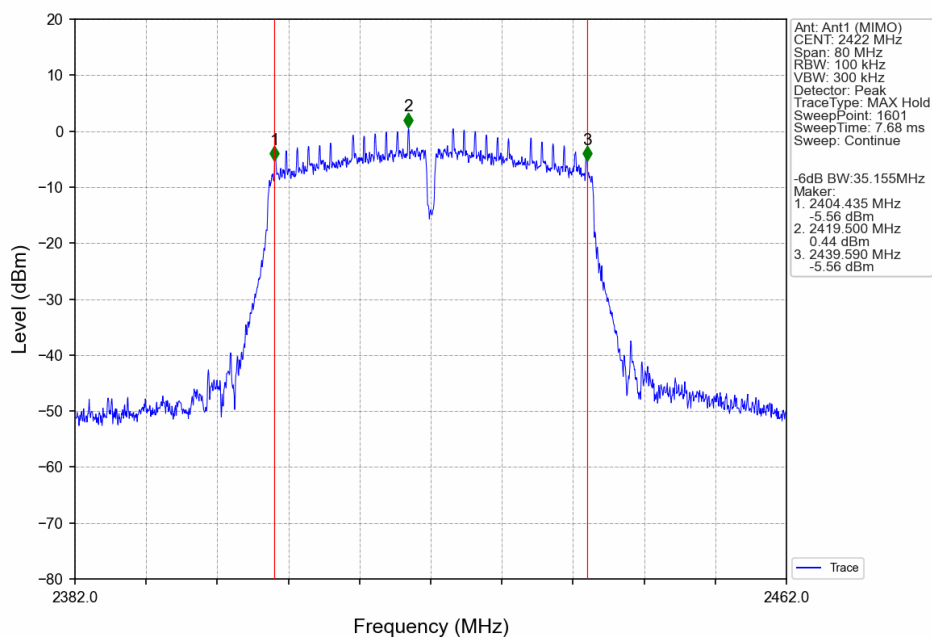
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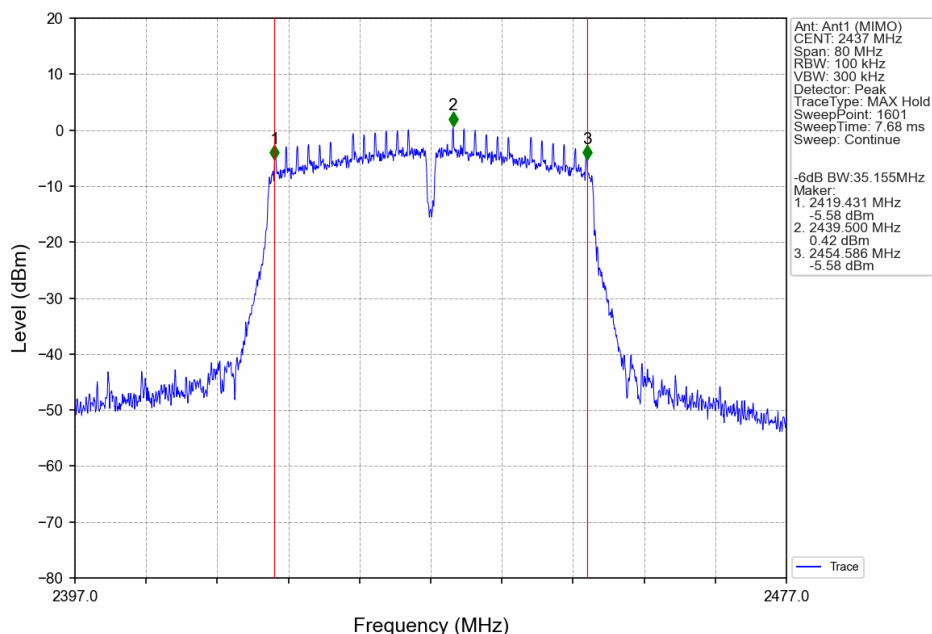
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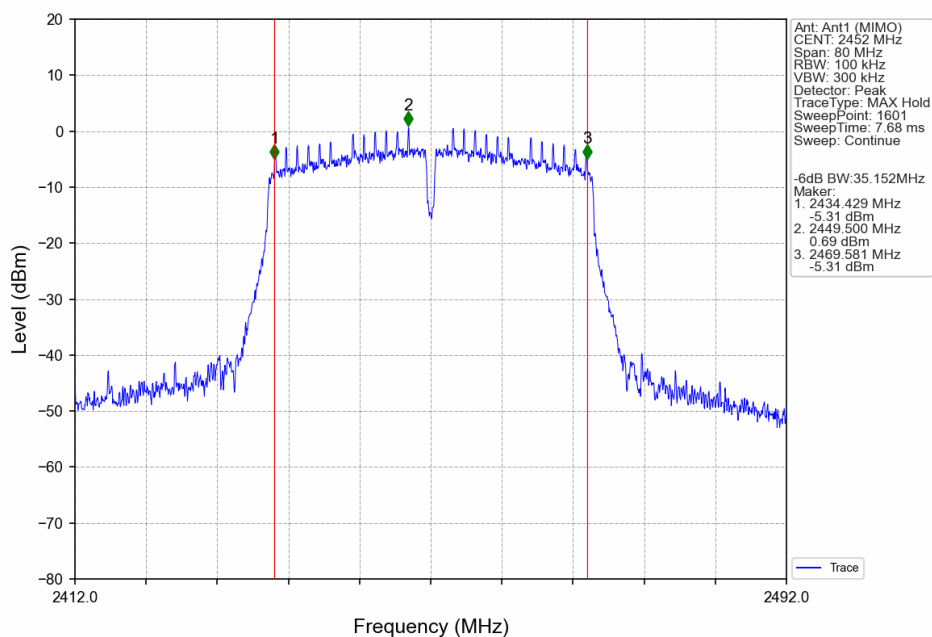
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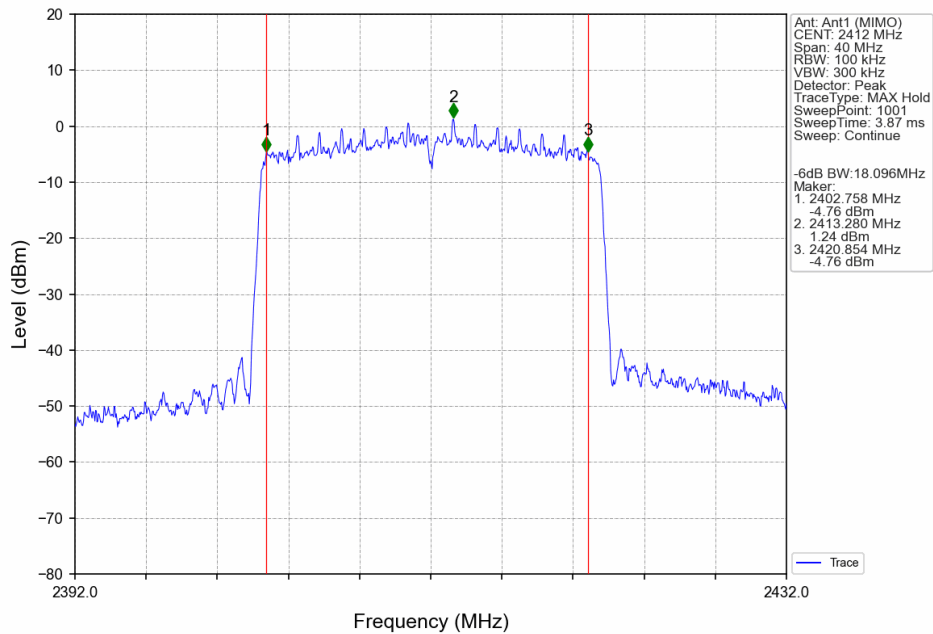
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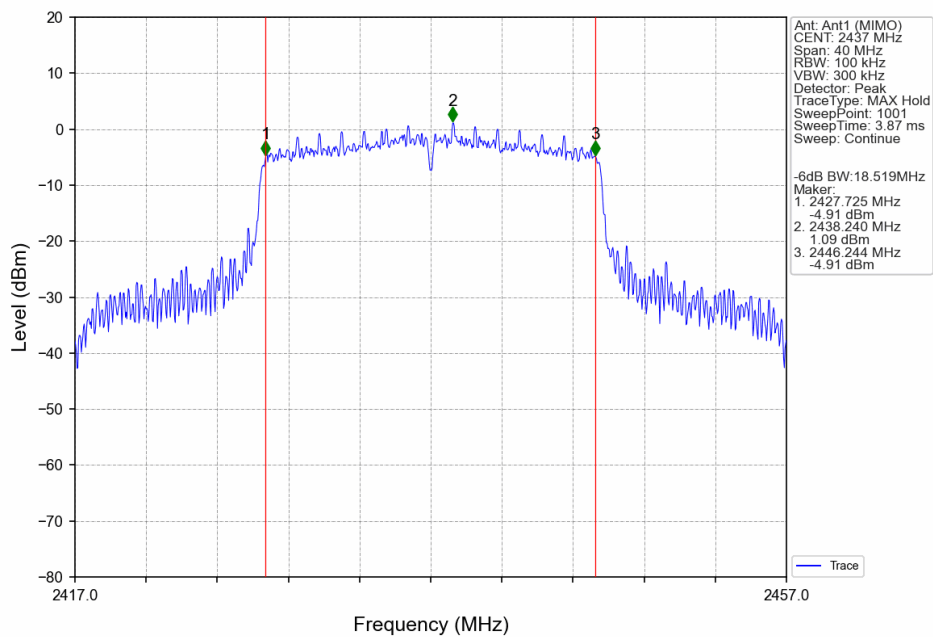
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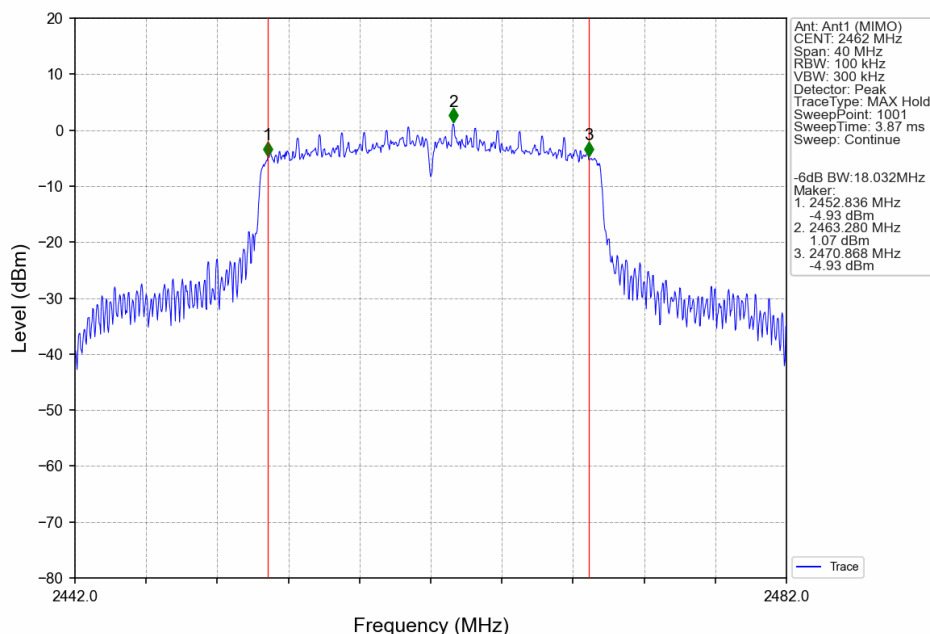
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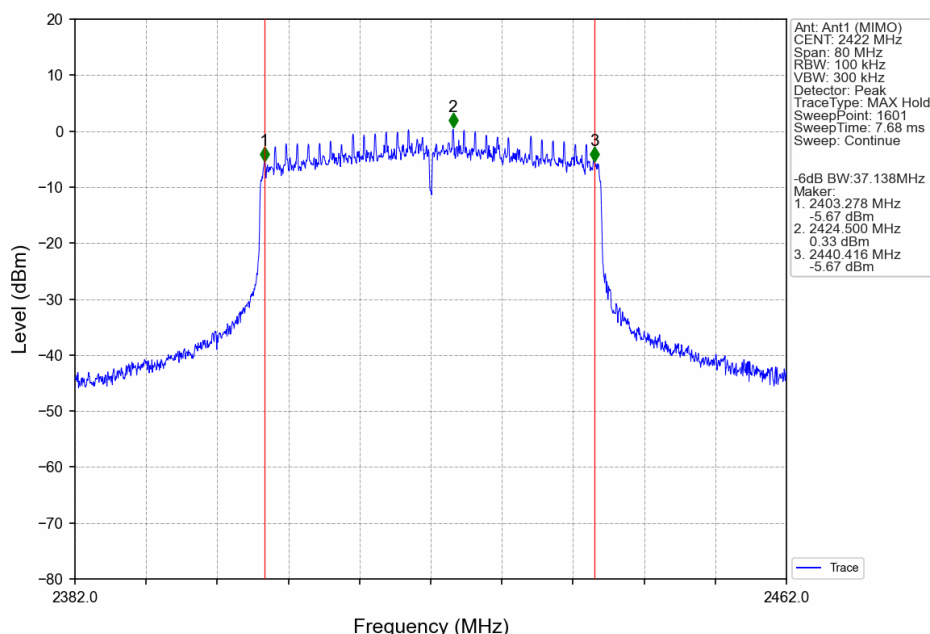
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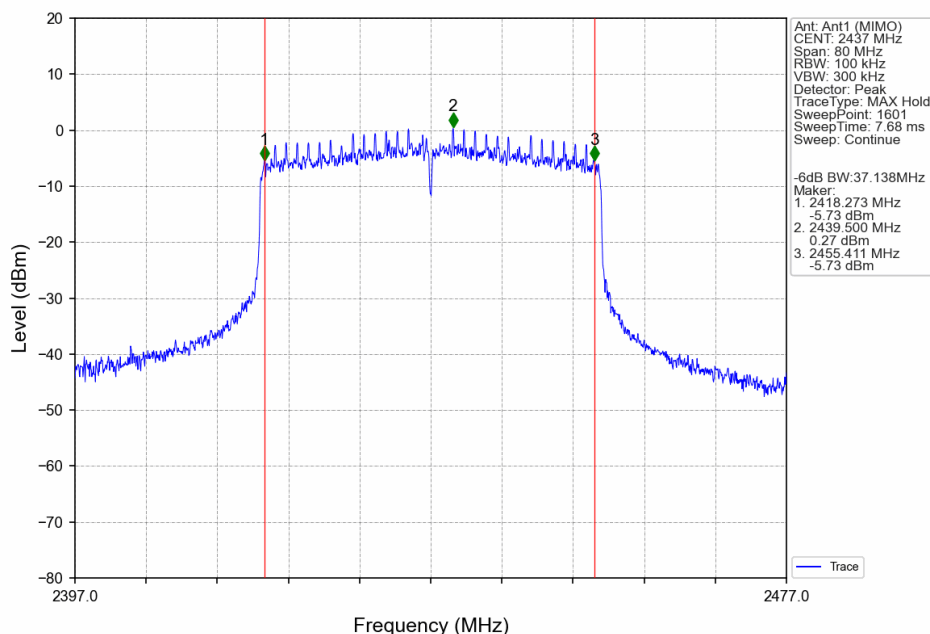
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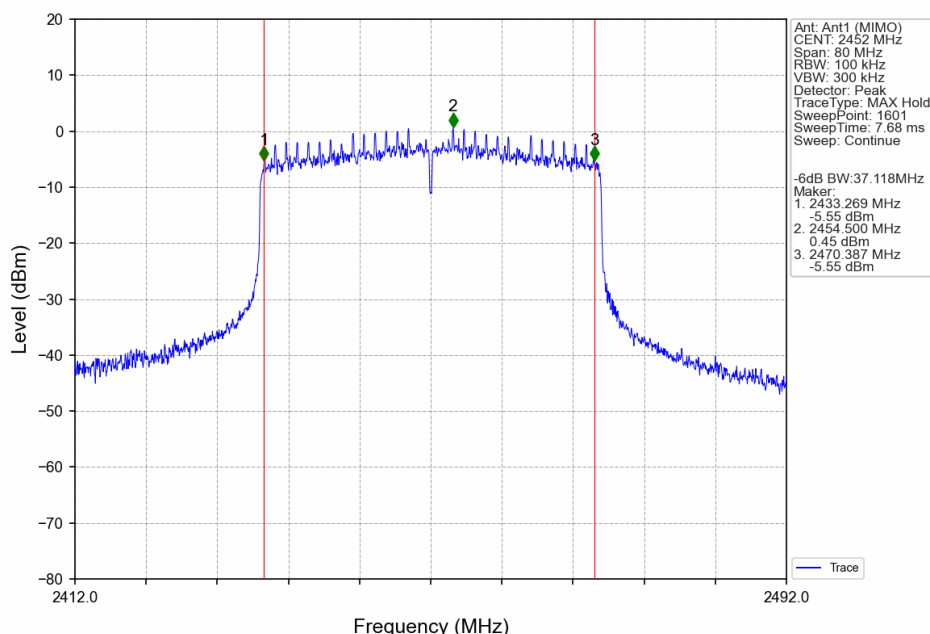
802.11ax(HEW40)_LCH_2422MHz_SU_/_Ant1 (MIMO)_NTNV



802.11ax(HEW40)_MCH_2437MHz_SU_/_Ant1 (MIMO)_NTNV



802.11ax(HEW40)_HCH_2452MHz_SU_/_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	MIMO	Limit	
802.11b	SISO	2412	/	/	16.91	17.01	/	<=30	Pass
		2437	/	/	17.14	17.29	/	<=30	Pass
		2462	/	/	17.51	17.15	/	<=30	Pass
802.11g	SISO	2412	/	/	16.25	16.12	/	<=30	Pass
		2437	/	/	16.60	16.14	/	<=30	Pass
		2462	/	/	16.51	16.46	/	<=30	Pass
802.11n (HT20)	MIMO	2412	/	/	13.17	13.28	16.24	<=30	Pass
		2437	/	/	13.30	13.41	16.37	<=30	Pass
		2462	/	/	13.53	13.70	16.63	<=30	Pass
802.11n (HT40)	MIMO	2422	/	/	13.45	13.13	16.30	<=30	Pass
		2437	/	/	13.41	13.14	16.29	<=30	Pass
		2452	/	/	13.53	13.50	16.53	<=30	Pass
802.11ax (HEW20)	MIMO	2412	SU	/	11.41	11.43	14.43	<=30	Pass
		2437	SU	/	11.59	11.41	14.51	<=30	Pass
		2462	SU	/	11.46	11.62	14.55	<=30	Pass
802.11ax (HEW40)	MIMO	2422	SU	/	4.67	5.66	8.20	<=30	Pass
		2437	SU	/	13.56	13.52	16.55	<=30	Pass
		2452	SU	/	9.12	9.80	12.48	<=30	Pass

Note1: Antenna Gain: Ant1: 3.93dBi; Ant2: 3.75dBi;
Note2: Directional Gain: 3.93dBi

4. Maximum Power Spectral Density

4.1 Test Result

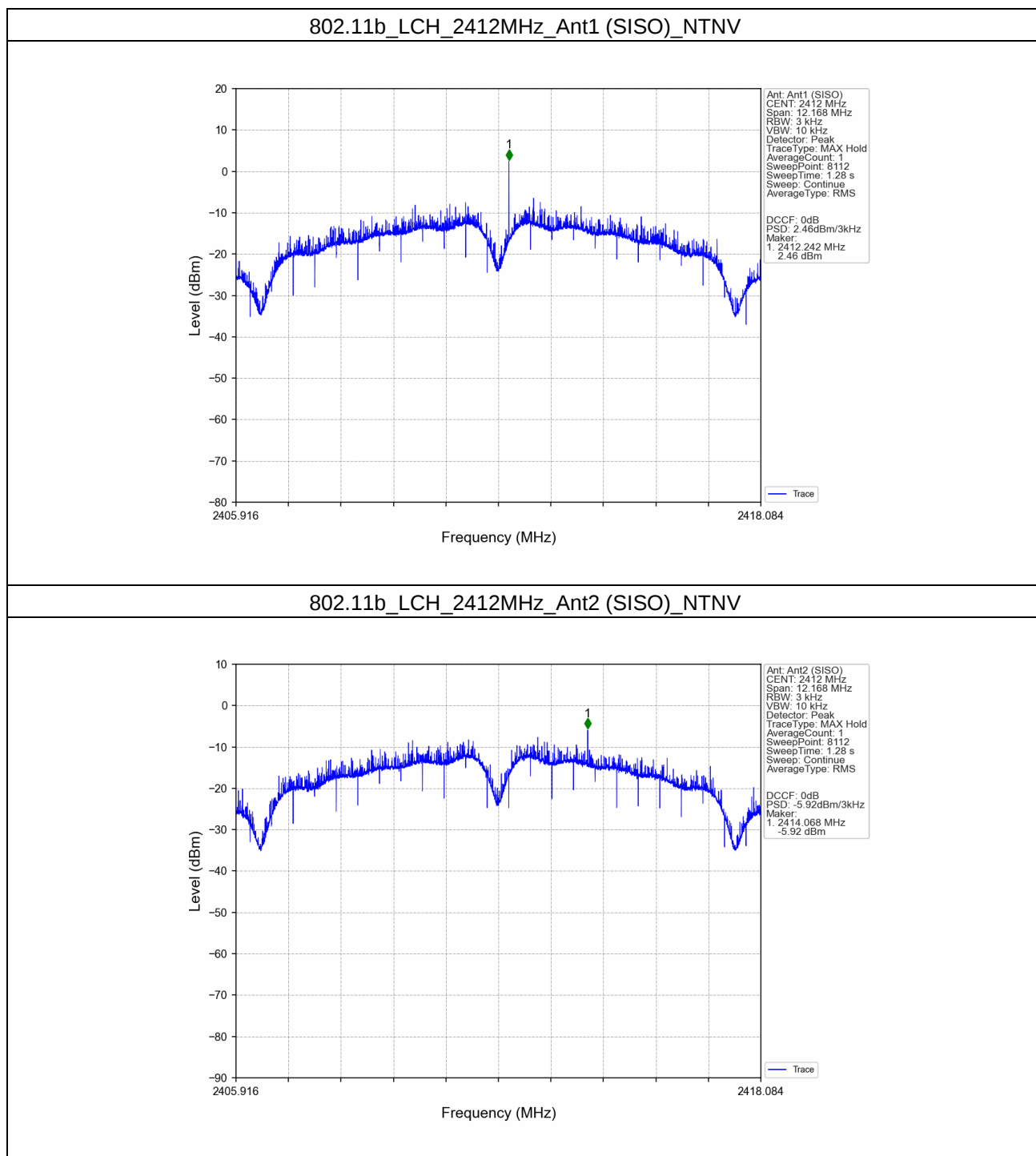
4.1.1 PSD

Mode	TX Type	Frequency (MHz)	RU	RU Pos	Maximum PSD (dBm/3kHz)				Verdict
					ANT1	ANT2	MIMO	Limit	
802.11b	SISO	2412	/	/	2.46	-5.92	/	<=8	Pass
		2437	/	/	5.99	-8.29	/	<=8	Pass
		2462	/	/	2.88	-0.25	/	<=8	Pass
802.11g	SISO	2412	/	/	-9.72	-10.24	/	<=8	Pass
		2437	/	/	-10.59	-10.53	/	<=8	Pass
		2462	/	/	-10.11	-9.84	/	<=8	Pass
802.11n (HT20)	MIMO	2412	/	/	-12.40	-11.31	-9.58	<=8	Pass
		2437	/	/	-12.86	-12.45	-10.63	<=8	Pass
		2462	/	/	-10.66	-13.11	-9.75	<=8	Pass
802.11n (HT40)	MIMO	2422	/	/	-15.65	-15.25	-13.43	<=8	Pass
		2437	/	/	-16.02	-13.62	-12.15	<=8	Pass
		2452	/	/	-15.73	-15.11	-13.07	<=8	Pass
802.11ax (HEW20)	MIMO	2412	SU	/	-14.36	-15.08	-11.70	<=8	Pass
		2437	SU	/	-15.10	-15.10	-12.56	<=8	Pass
		2462	SU	/	-15.15	-15.21	-12.50	<=8	Pass
802.11ax (HEW40)	MIMO	2422	SU	/	-19.47	-18.68	-16.05	<=8	Pass
		2437	SU	/	-11.00	-10.95	-8.04	<=8	Pass
		2452	SU	/	-14.95	-14.45	-11.77	<=8	Pass

Note1: Antenna Gain: Ant1: 3.93dBi; Ant2: 3.75dBi;
Note2: Directional Gain: 3.93dBi

4.2 Test Graph

4.2.1 PSD



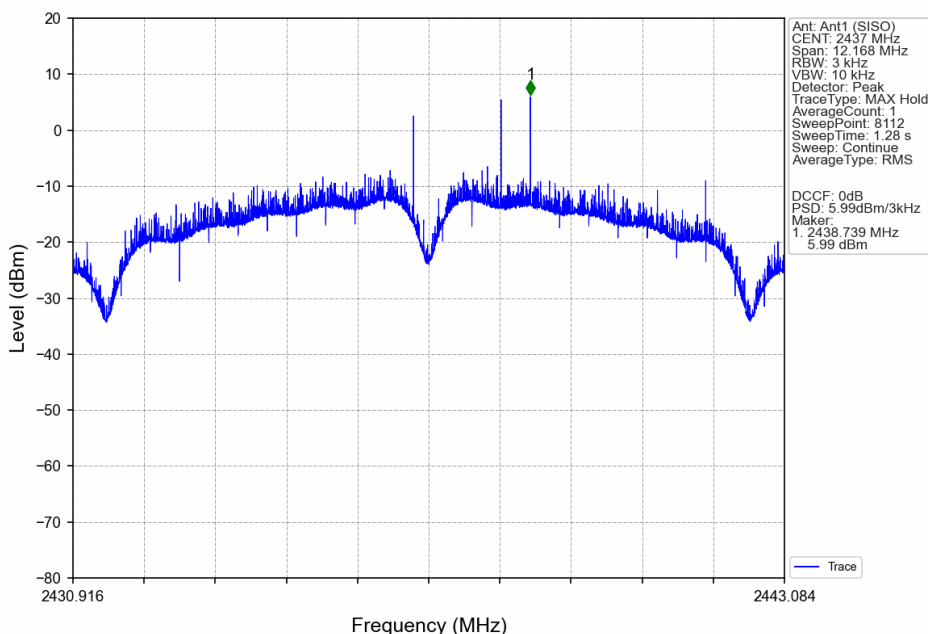
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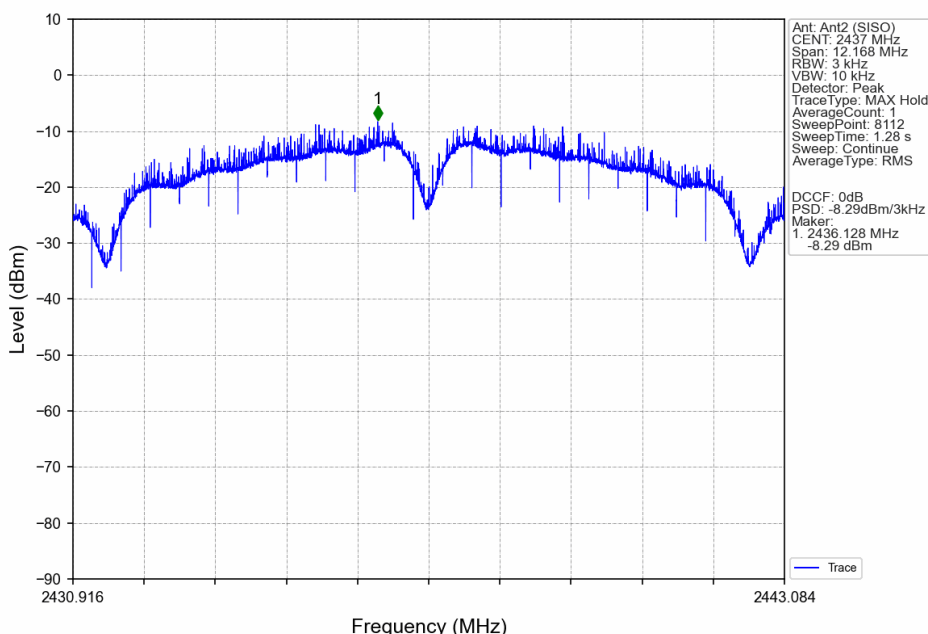
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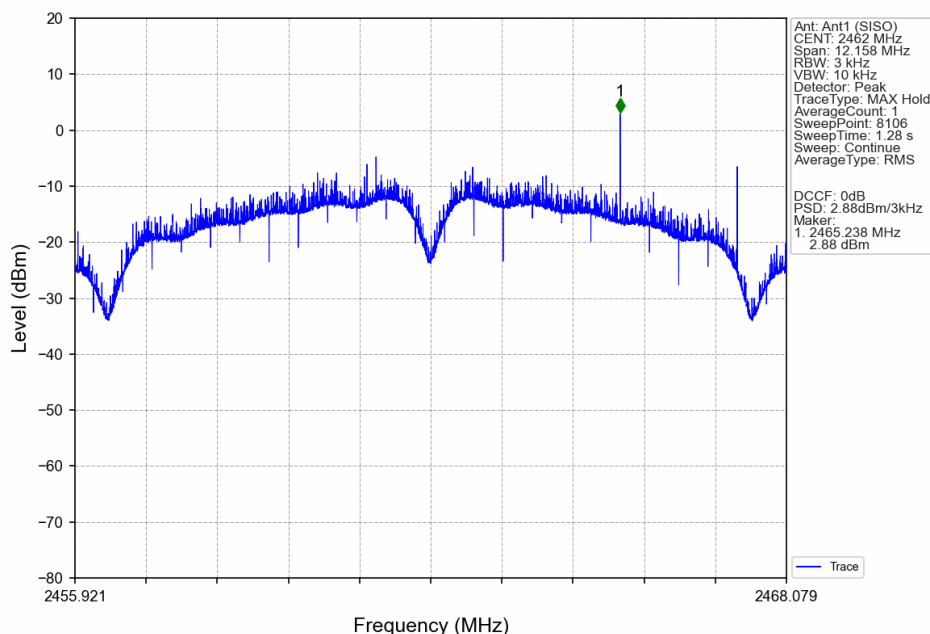
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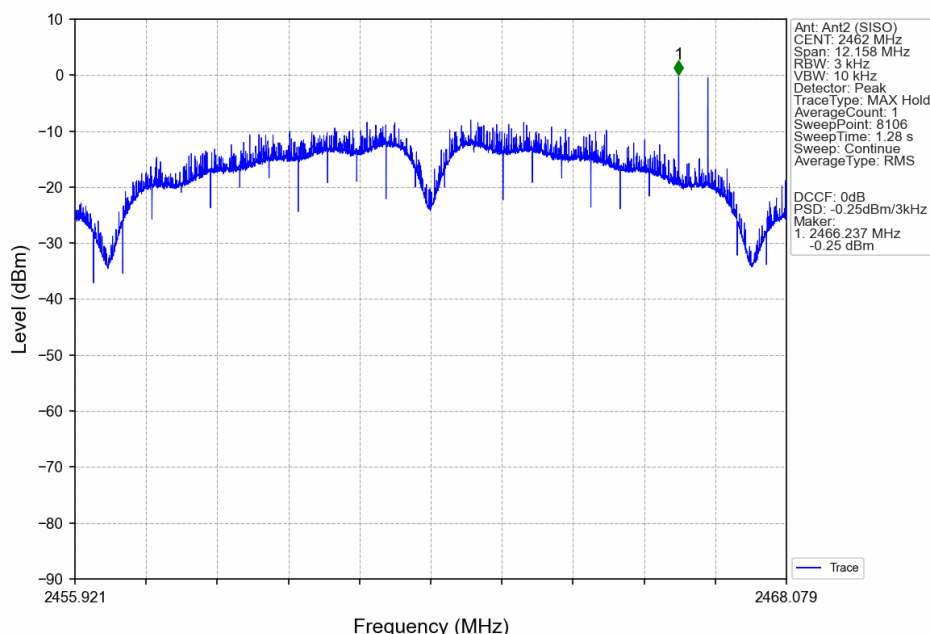
802.11b_MCH_2437MHz_Ant2 (SISO)_NTNV



802.11b_HCH_2462MHz_Ant1 (SISO)_NTNV



802.11b_HCH_2462MHz_Ant2 (SISO)_NTNV



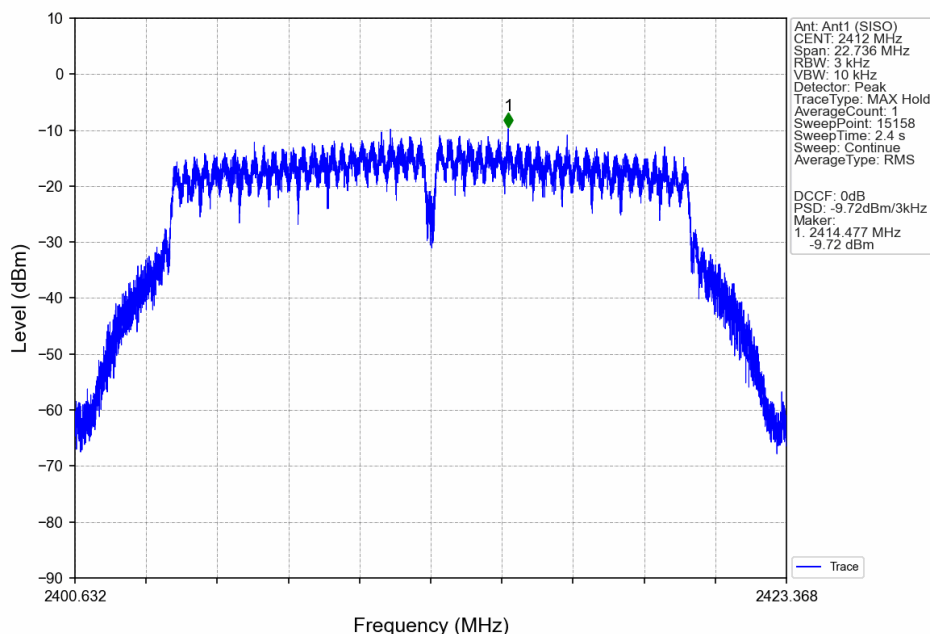
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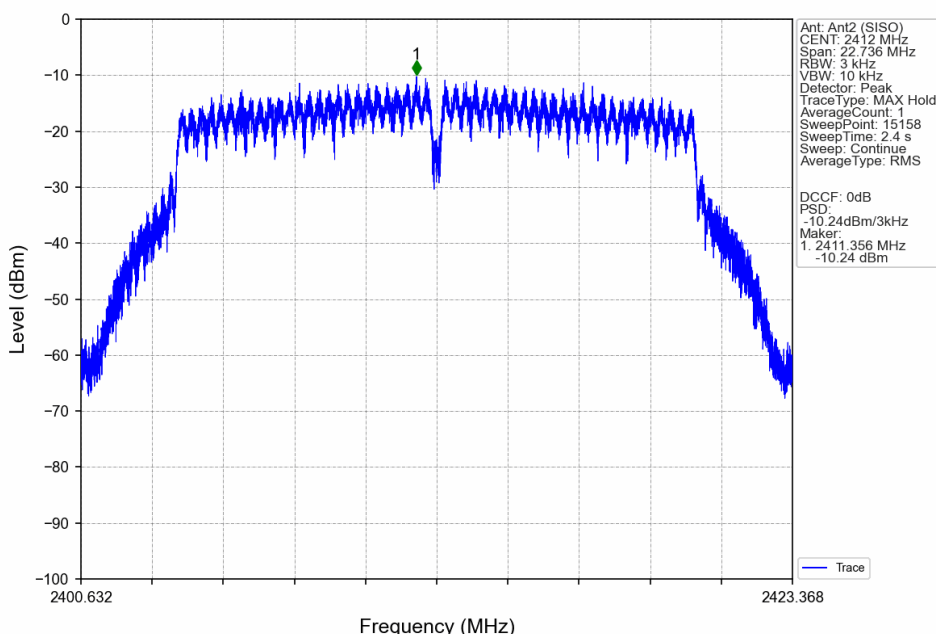
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802.11g_LCH_2412MHz_Ant1 (SISO)_NTNV



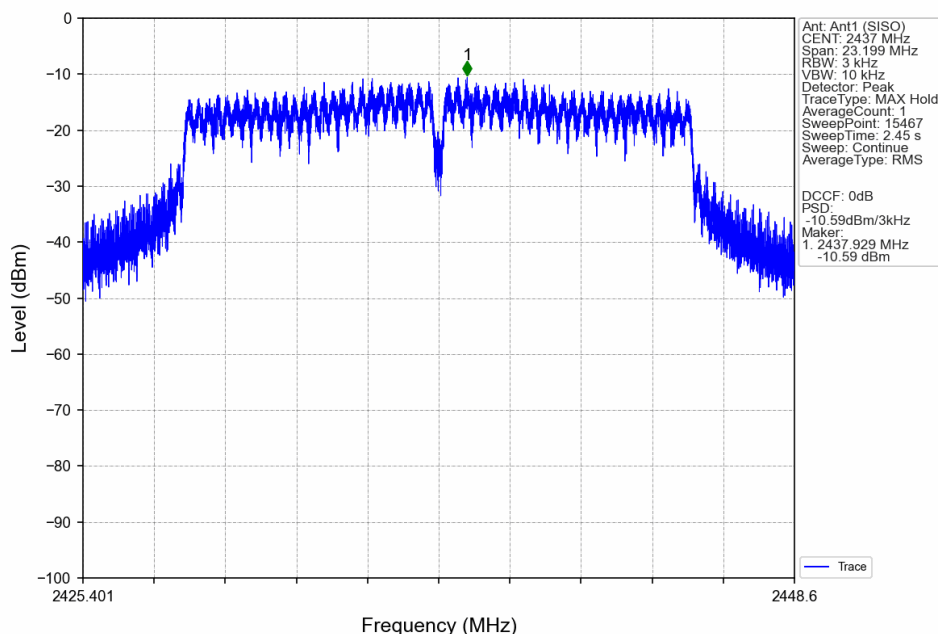
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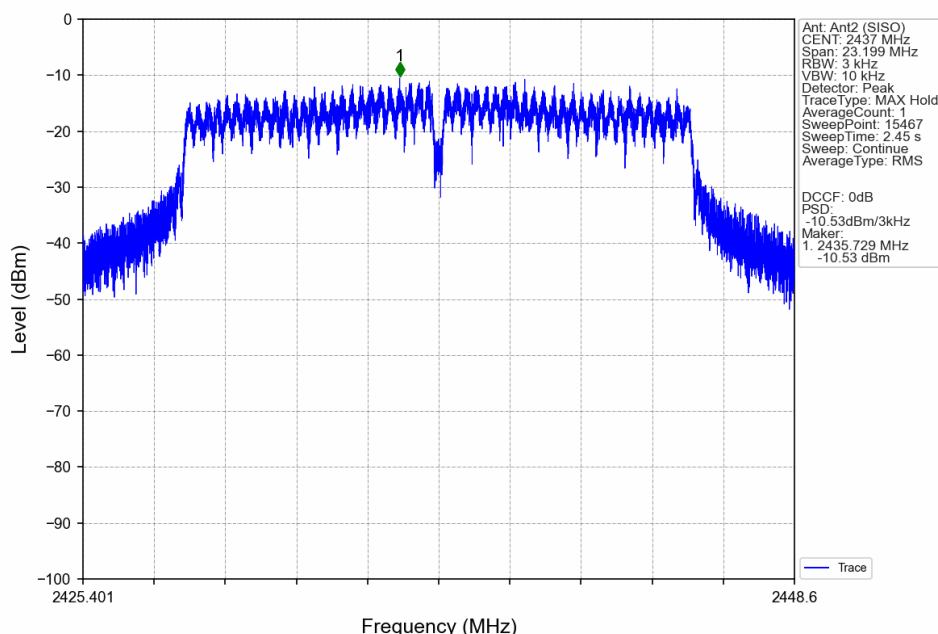
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802.11g_MCH_2437MHz_Ant1 (SISO)_NTNV



802.11g_MCH_2437MHz_Ant2 (SISO)_NTNV



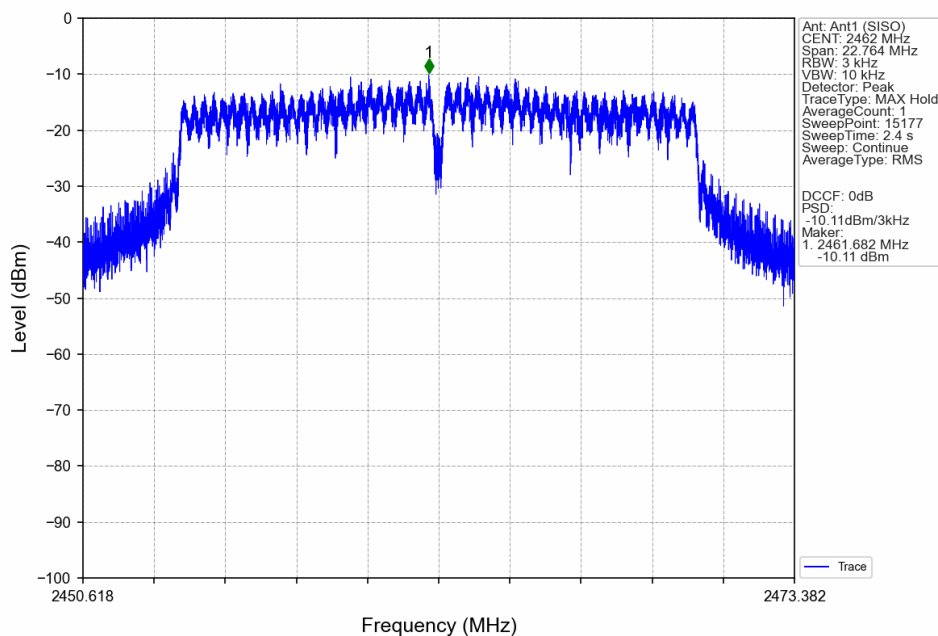
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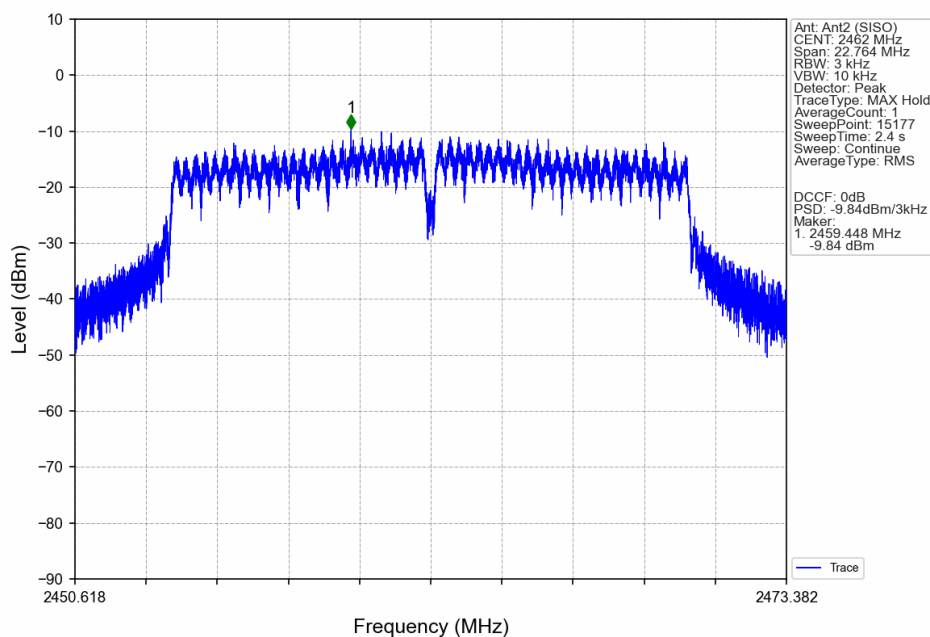
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802.11g_HCH_2462MHz_Ant1 (SISO)_NTNV



802.11g_HCH_2462MHz_Ant2 (SISO)_NTNV



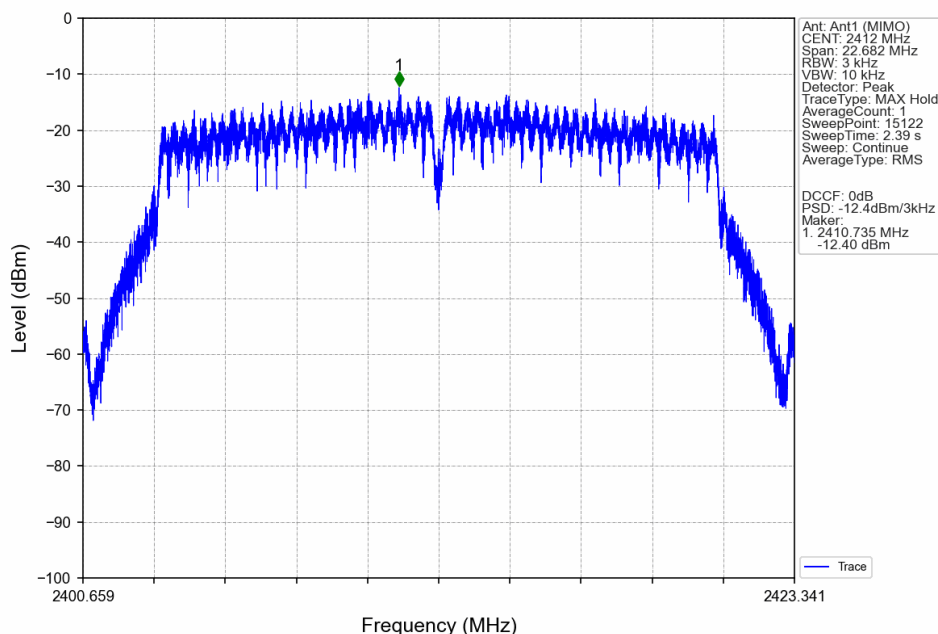
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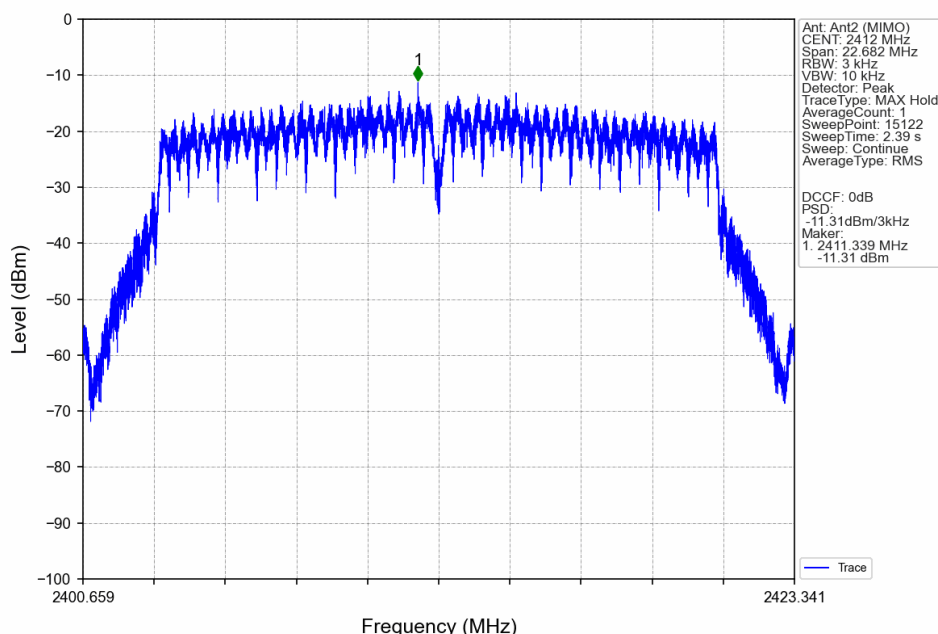
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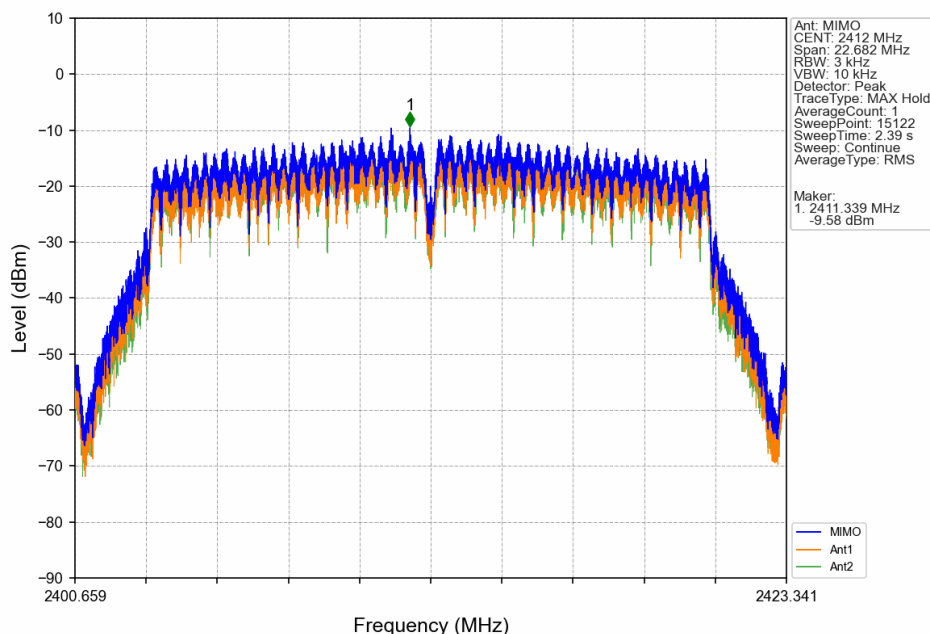
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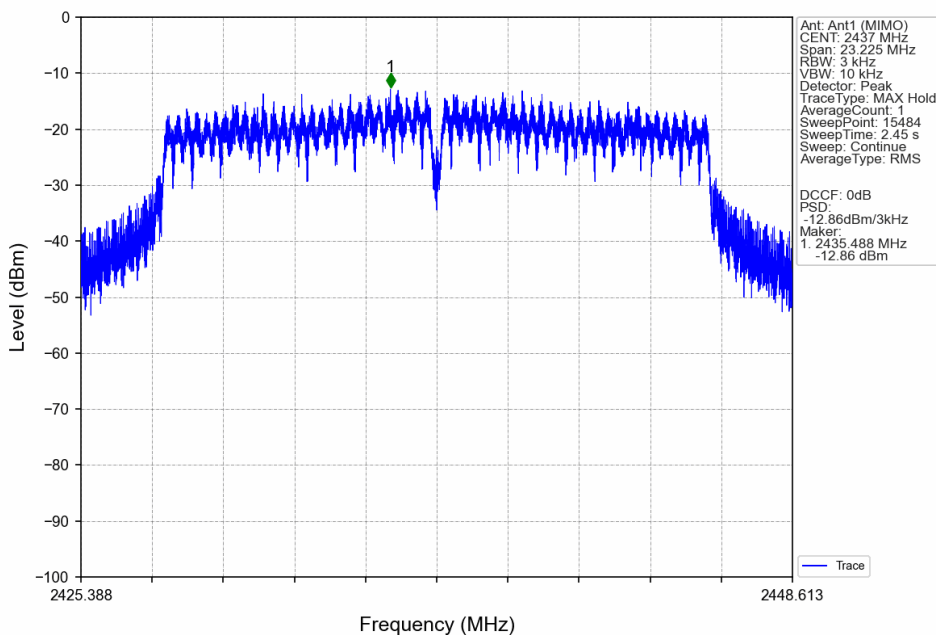
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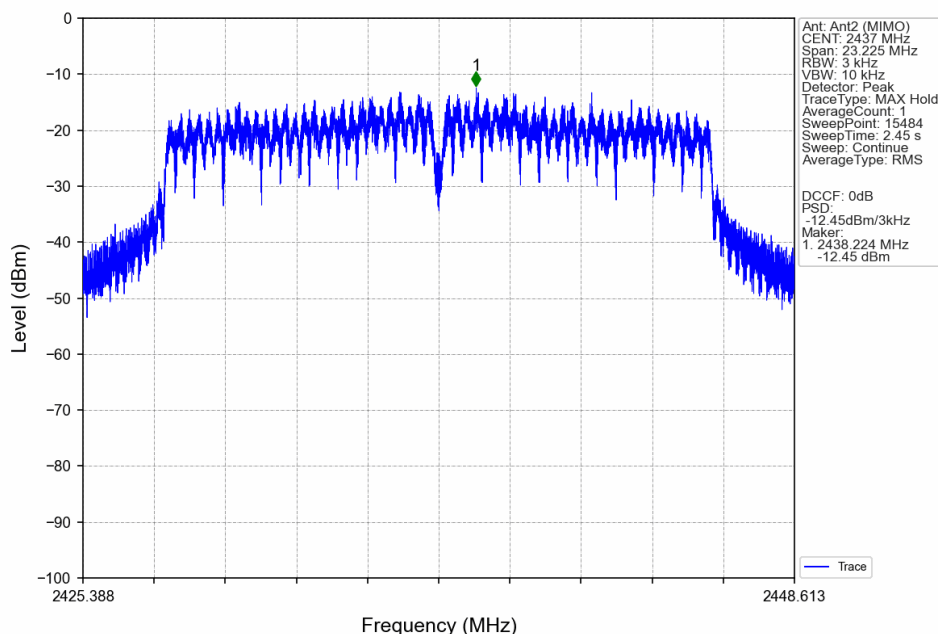
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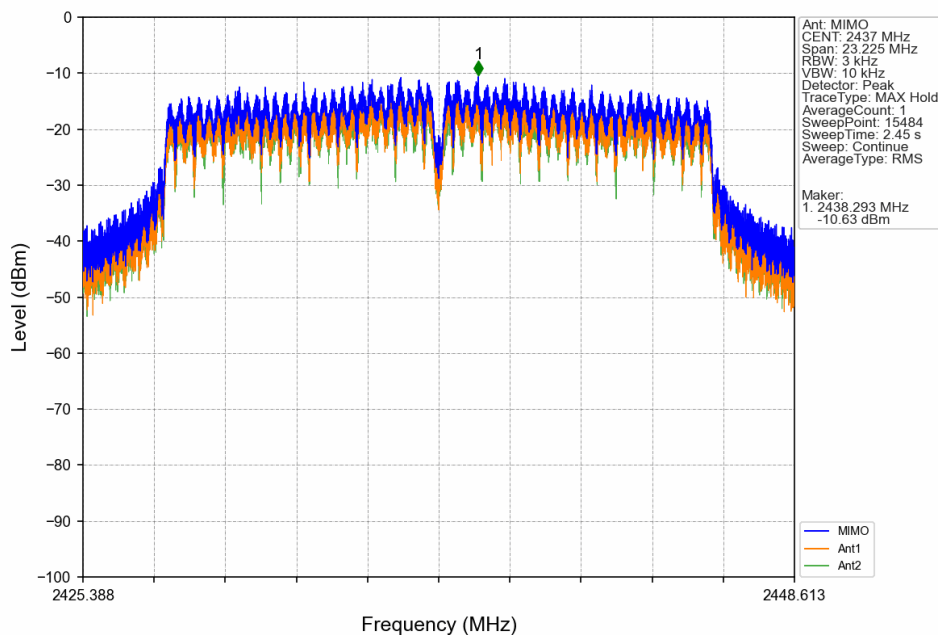
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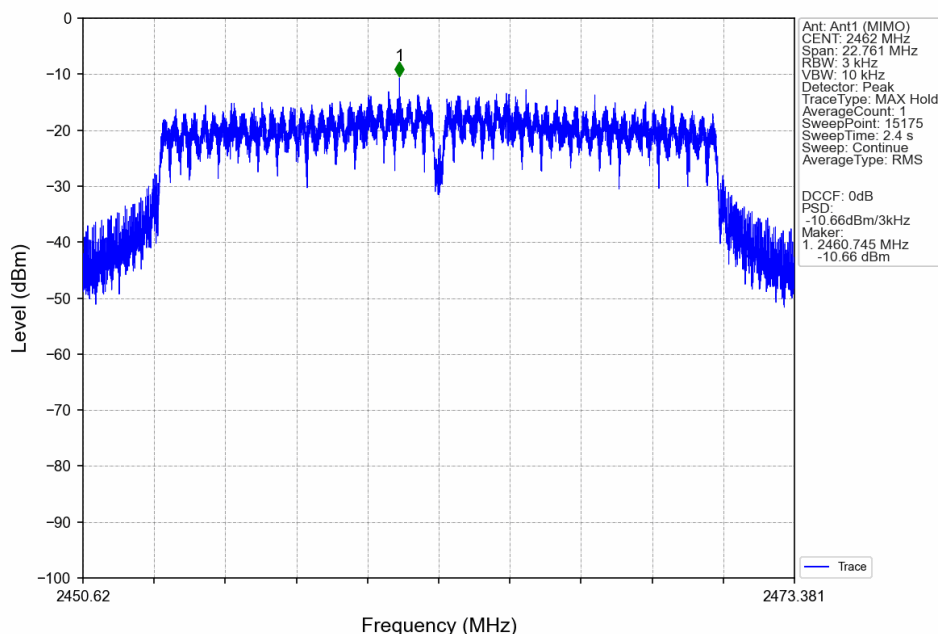
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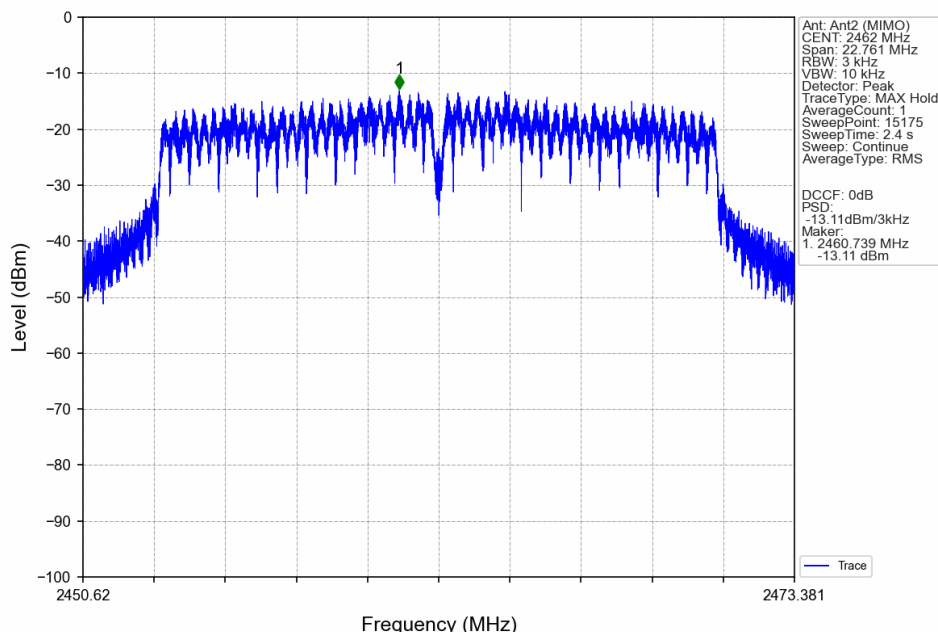
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802.11n(HT20)_HCH_2462MHz_Ant2 (MIMO)_NTNV



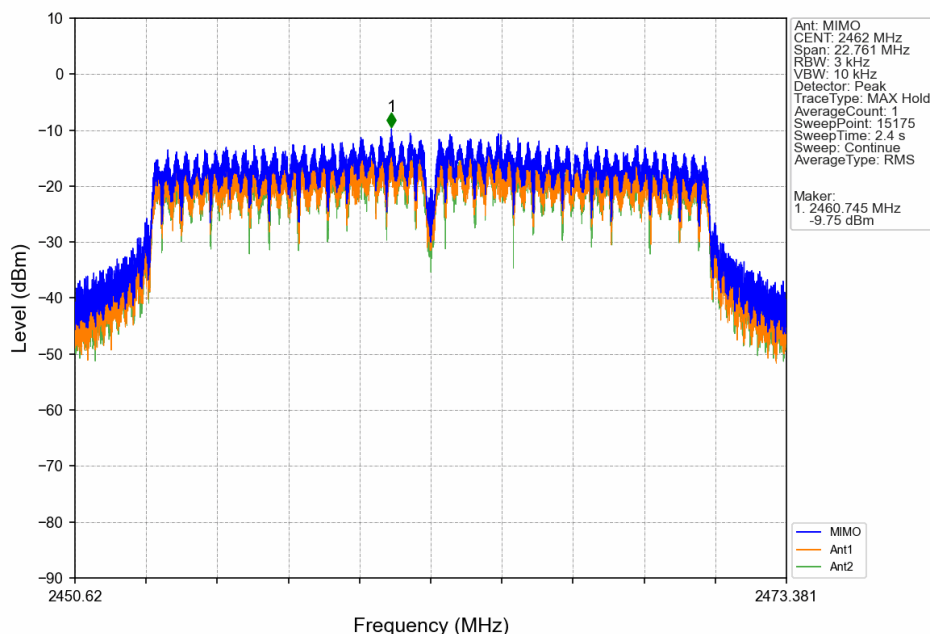
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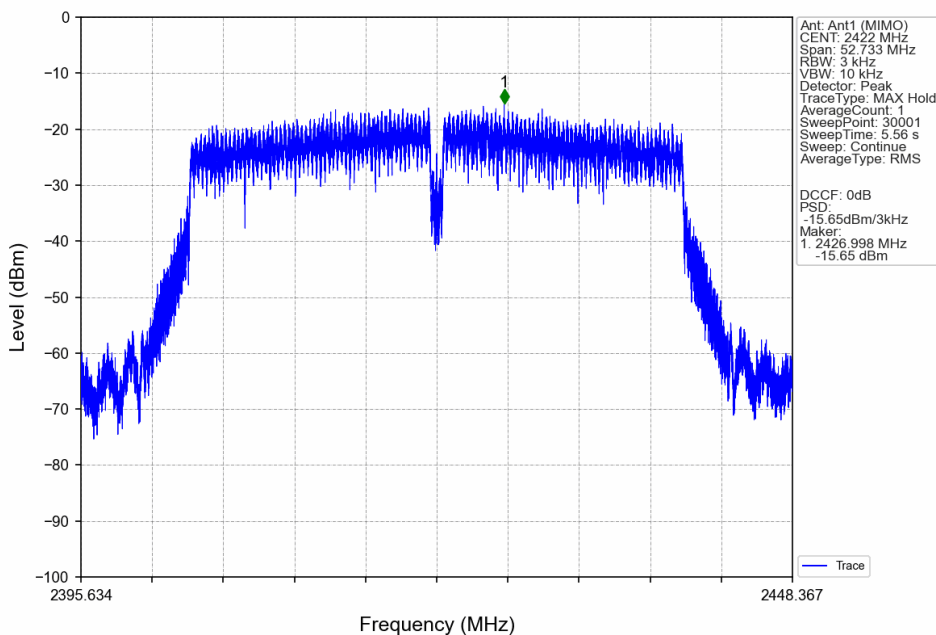
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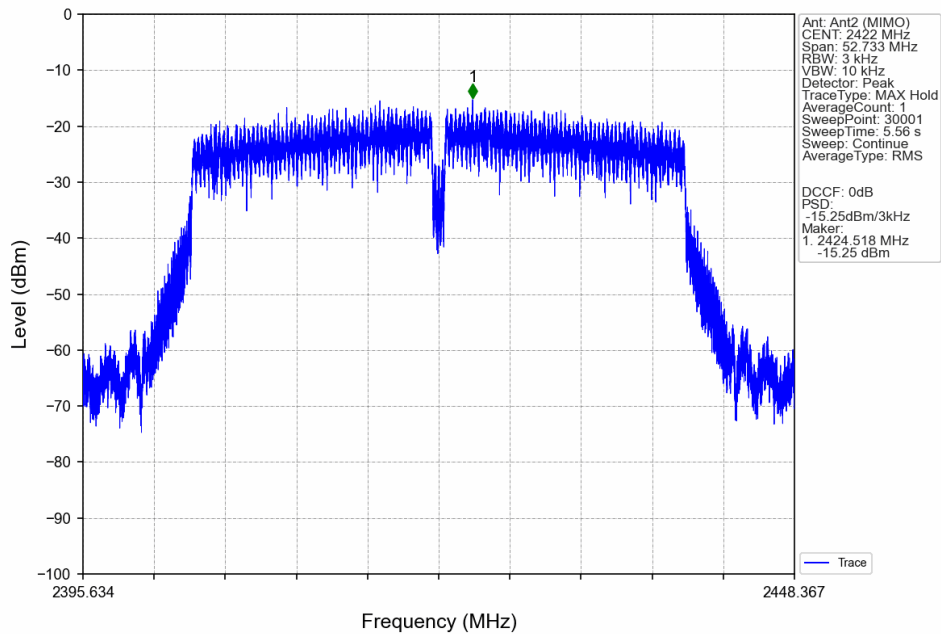
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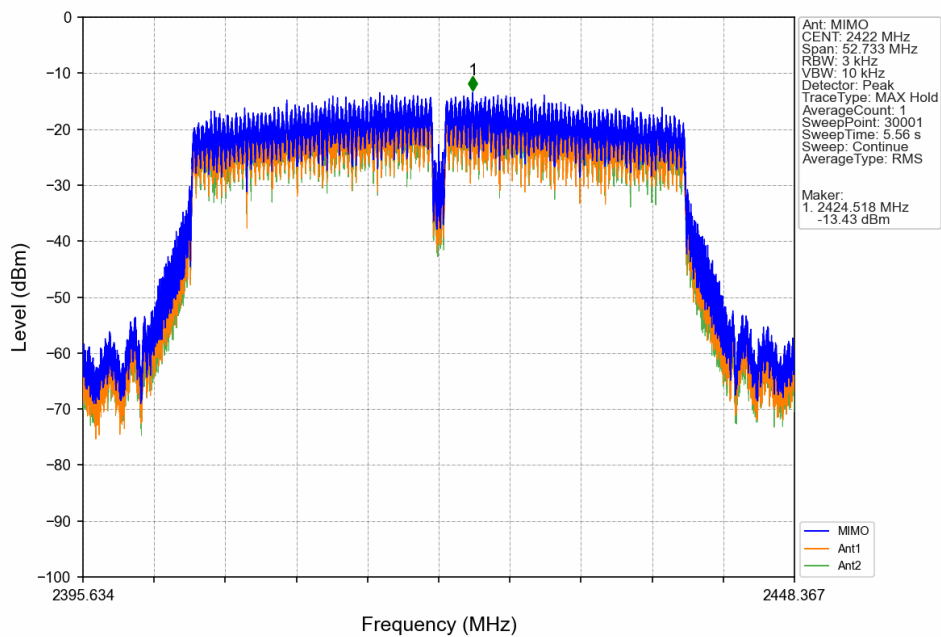
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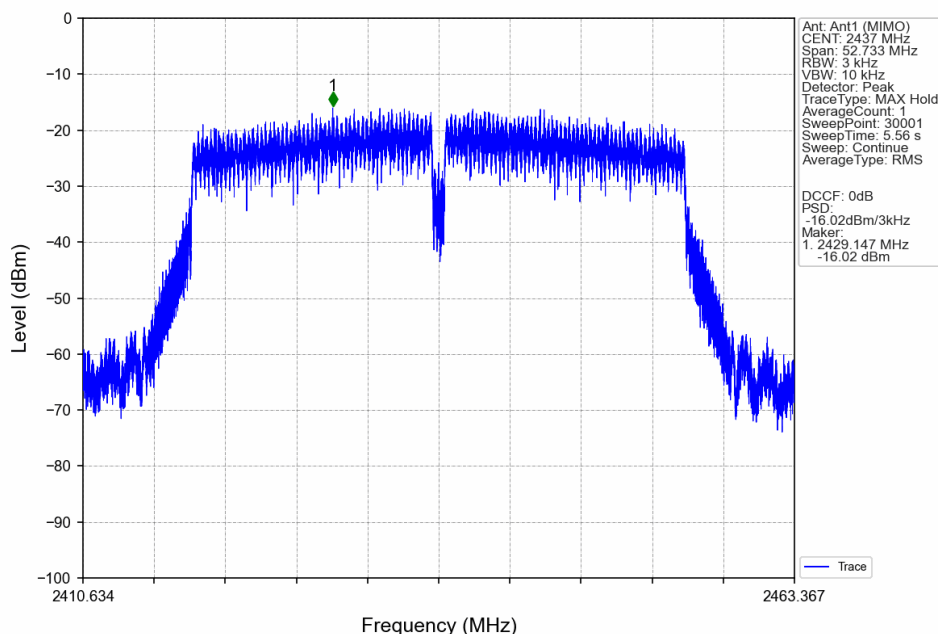
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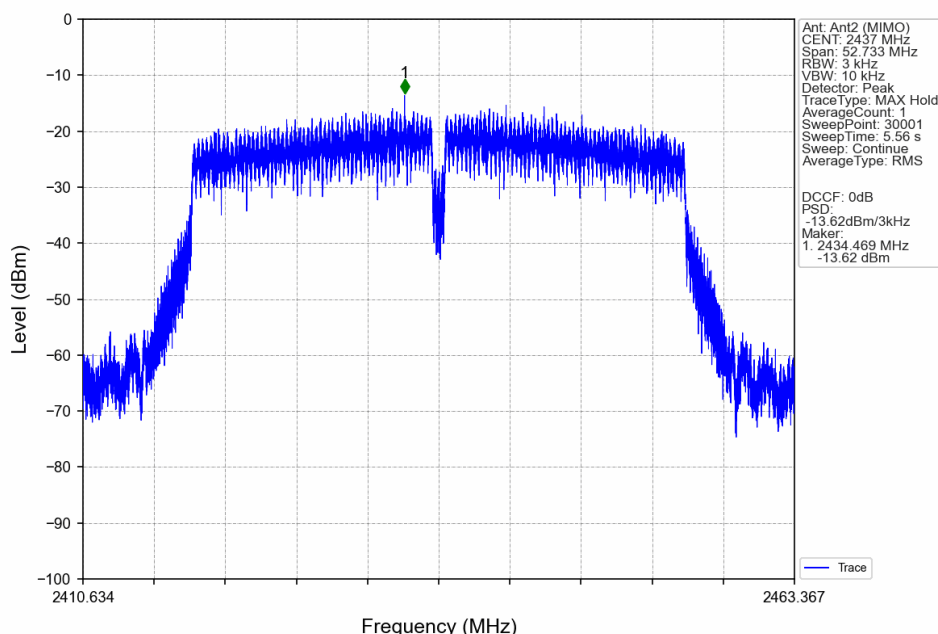
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802.11n(HT40)_MCH_2437MHz_Ant1 (MIMO)_NTNV



802.11n(HT40)_MCH_2437MHz_Ant2 (MIMO)_NTNV



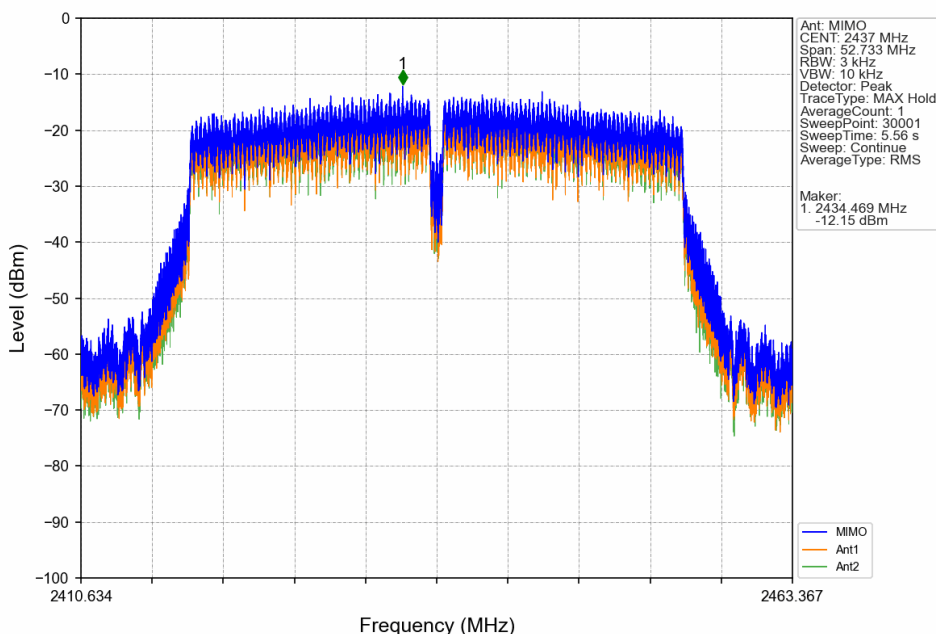
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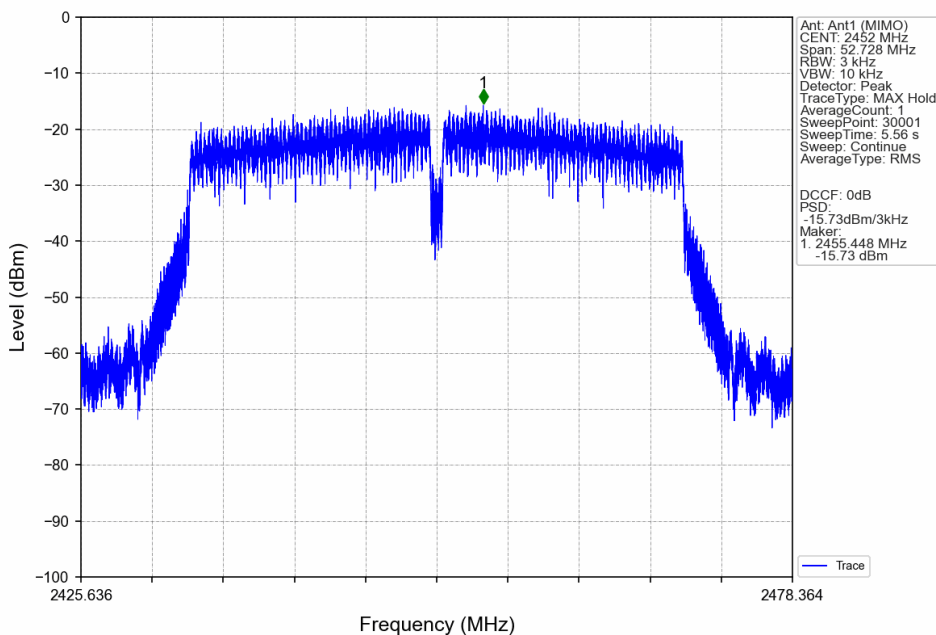
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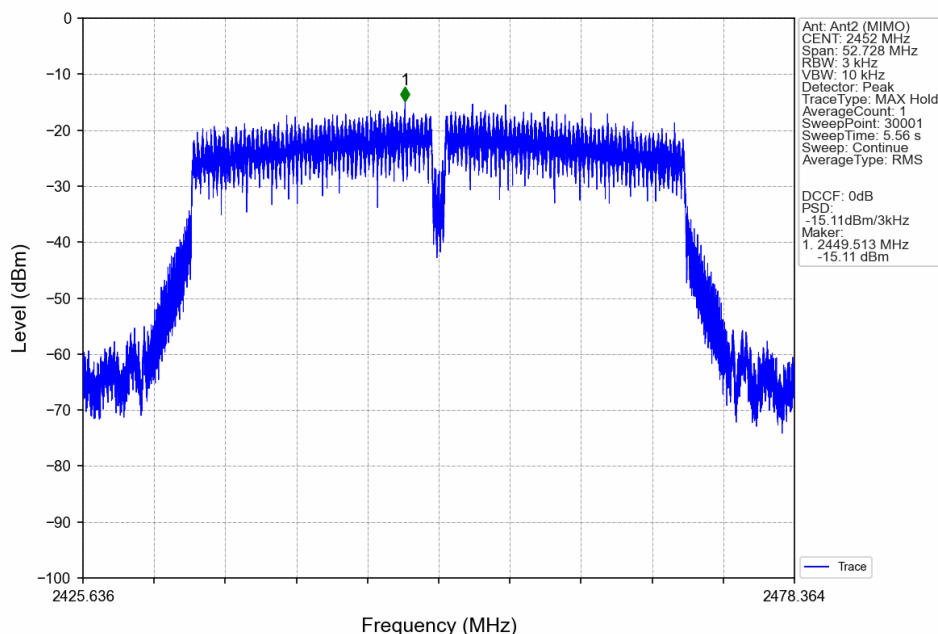
802.11n(HT40)_MCH_2437MHz_MIMO_NTNV



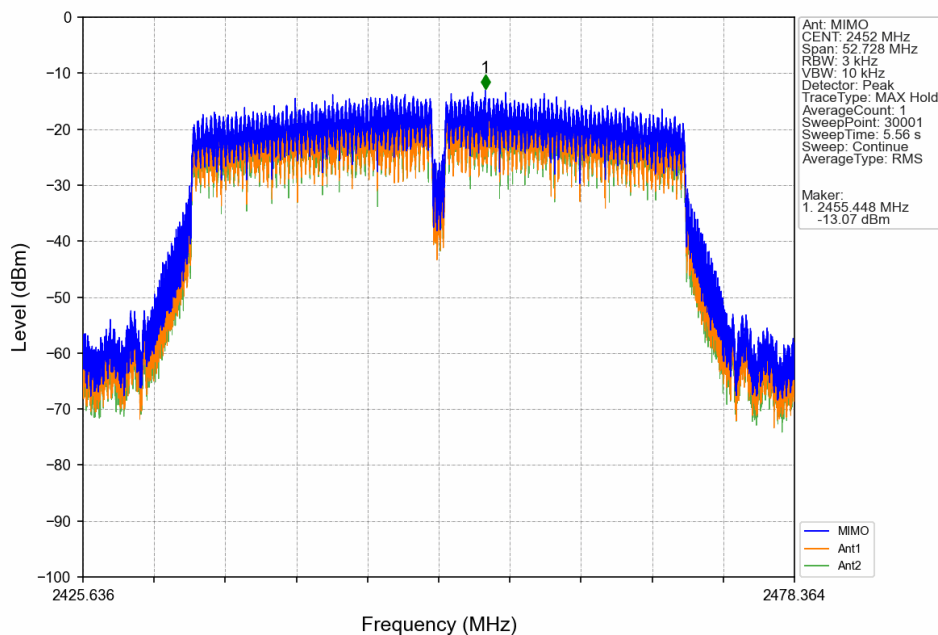
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802.11n(HT40)_HCH_2452MHz_MIMO_NTNV



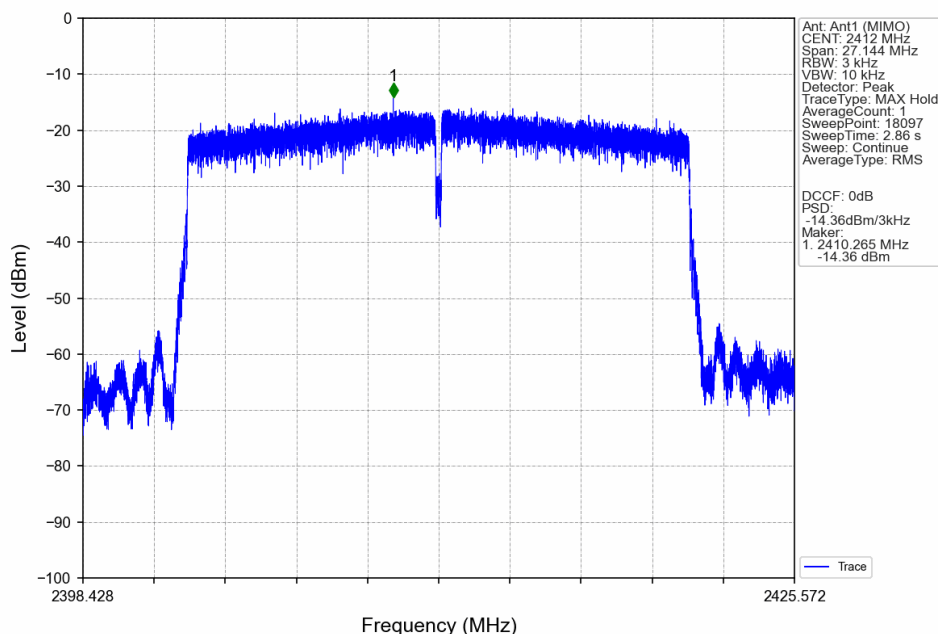
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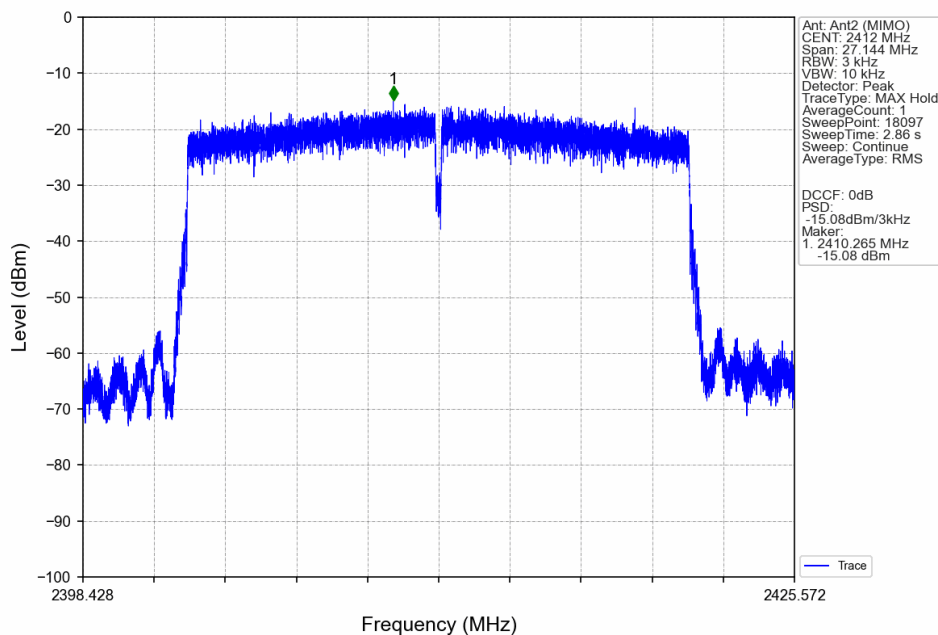
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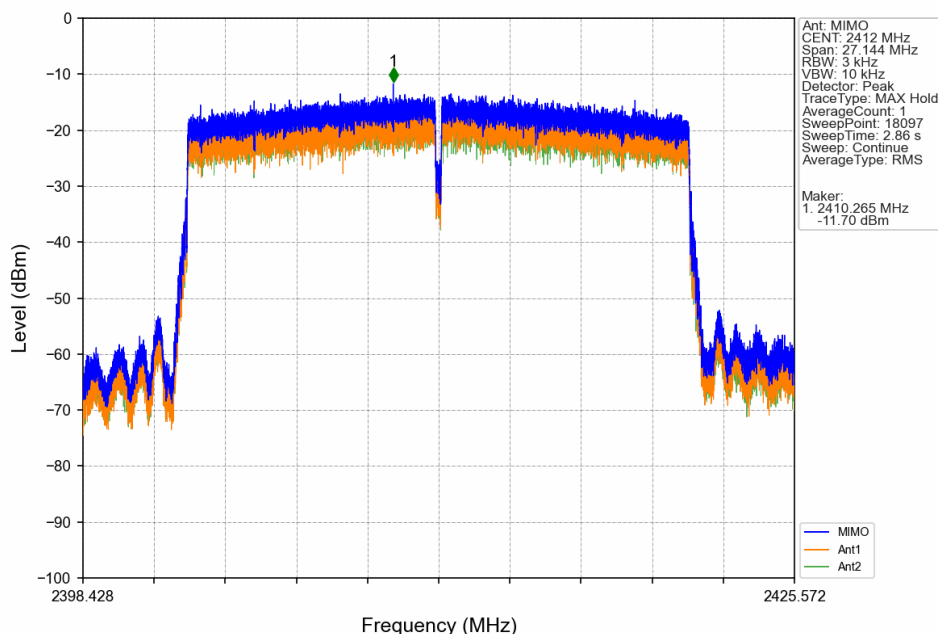
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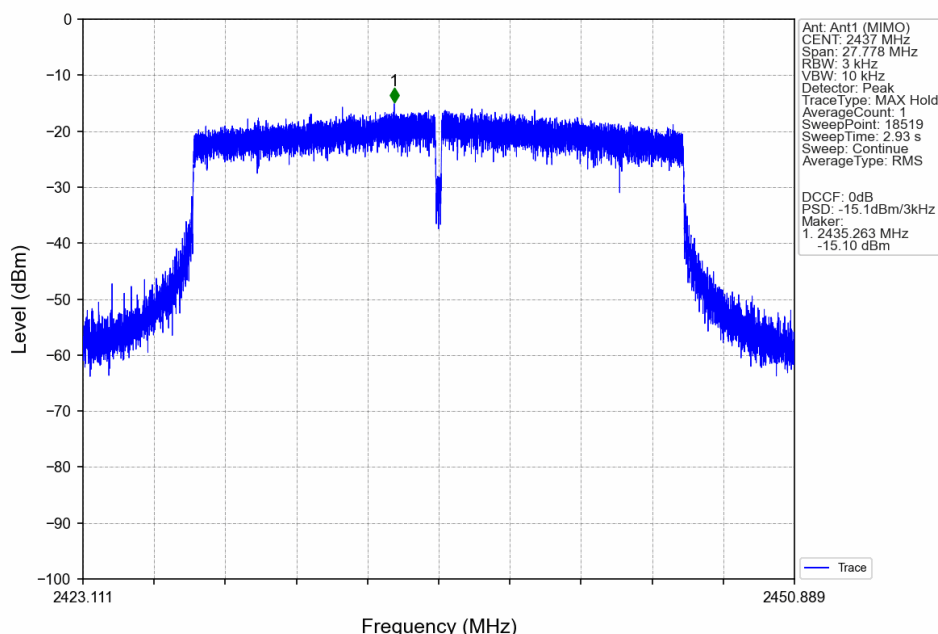
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802.11ax(HEW20)_LCH_2412MHz_SU_/_MIMO_NTNV



802.11ax(HEW20)_MCH_2437MHz_SU_/_Ant1 (MIMO)_NTNV



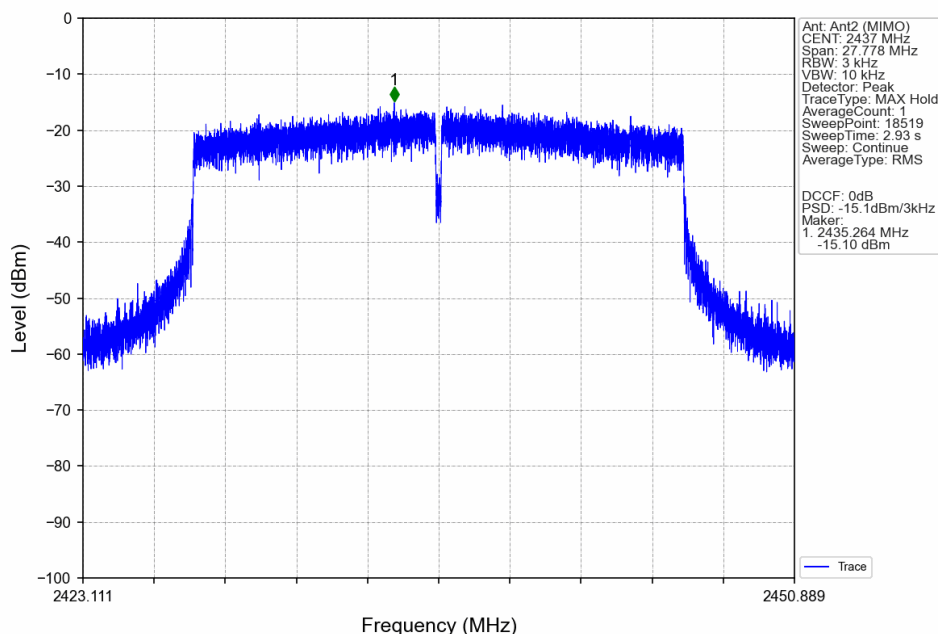
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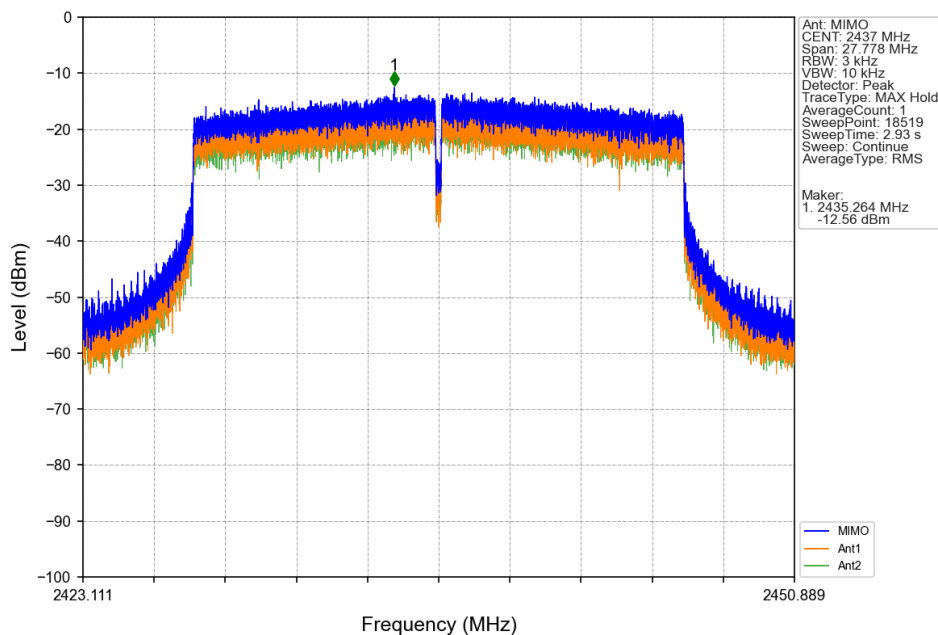
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802.11ax(HEW20)_MCH_2437MHz_SU_/_Ant2 (MIMO)_NTNV



802.11ax(HEW20)_MCH_2437MHz_SU_/_MIMO_NTNV



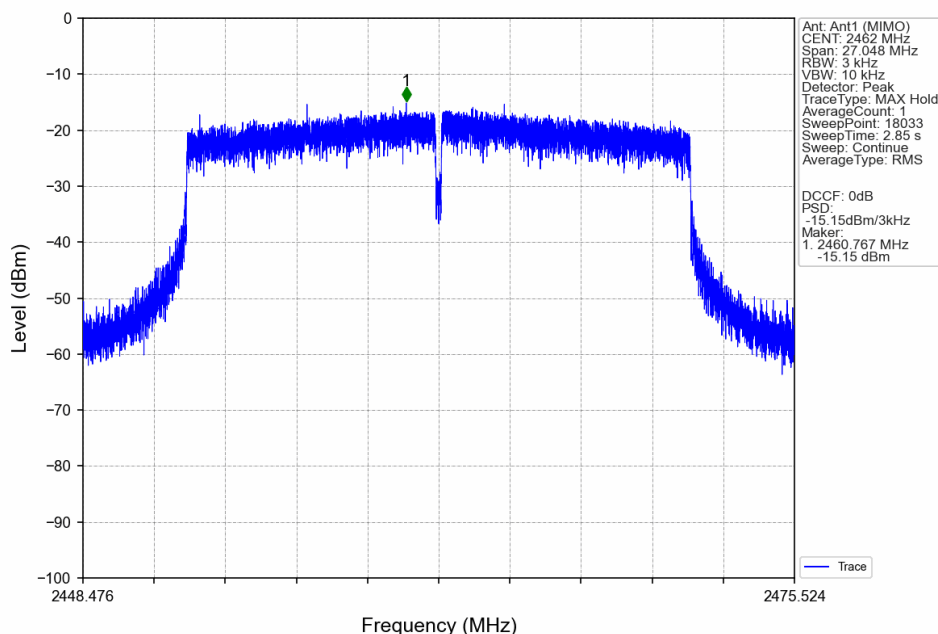
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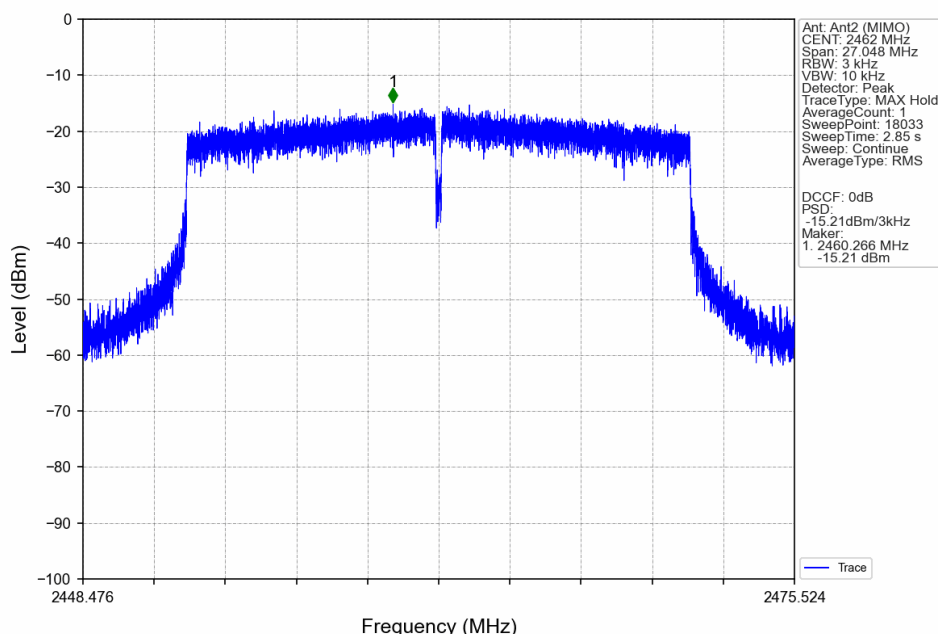
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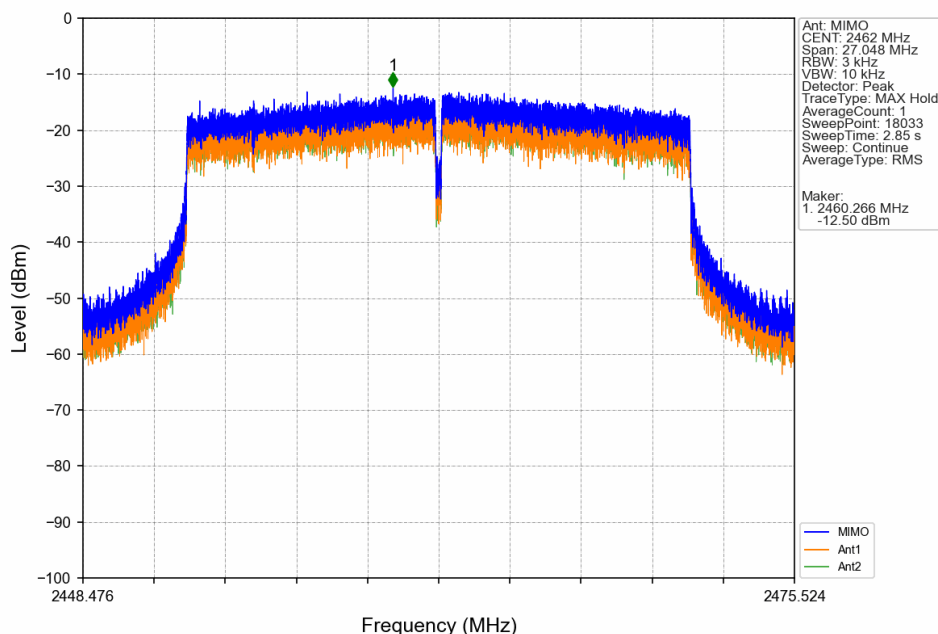
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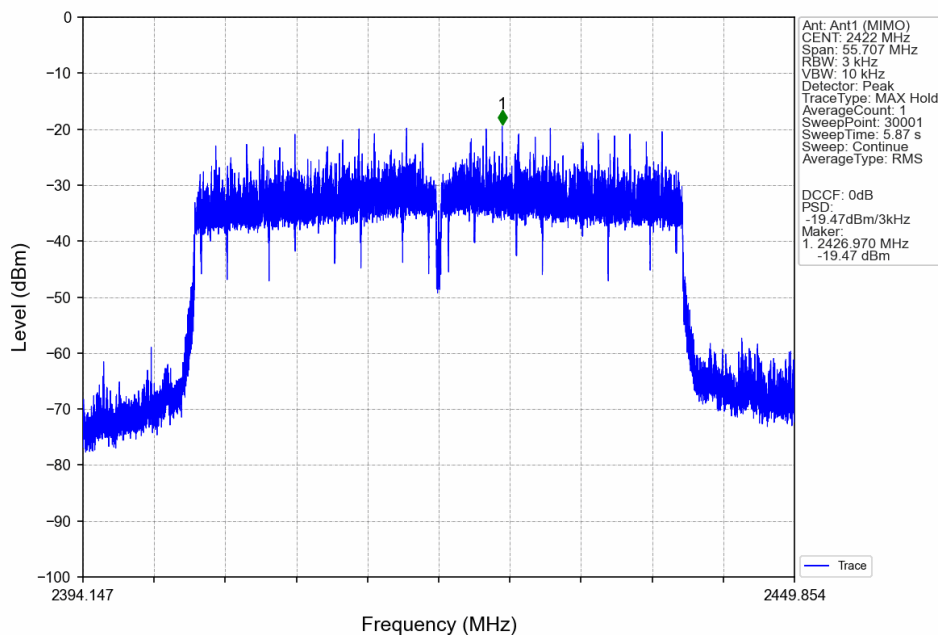
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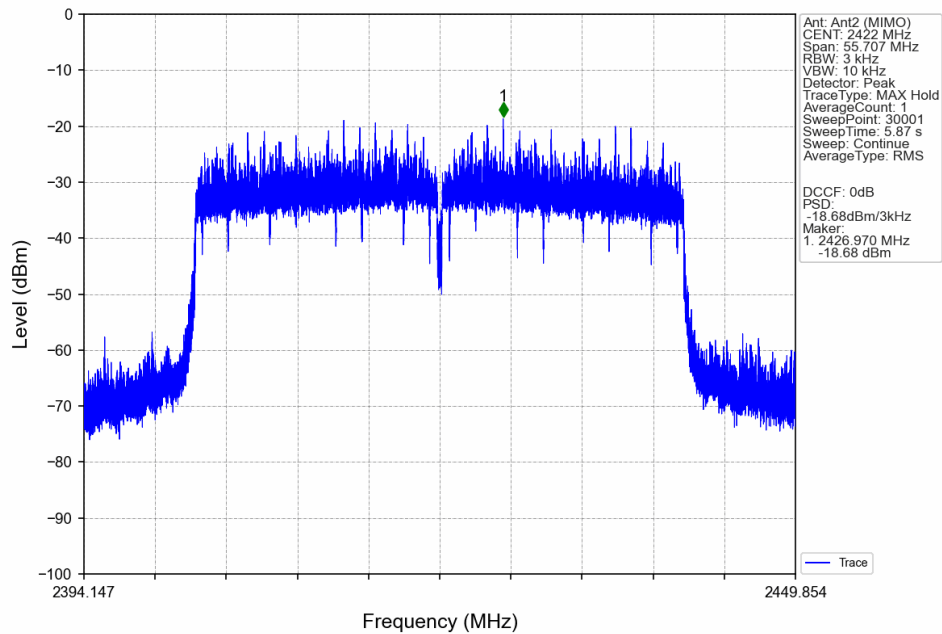
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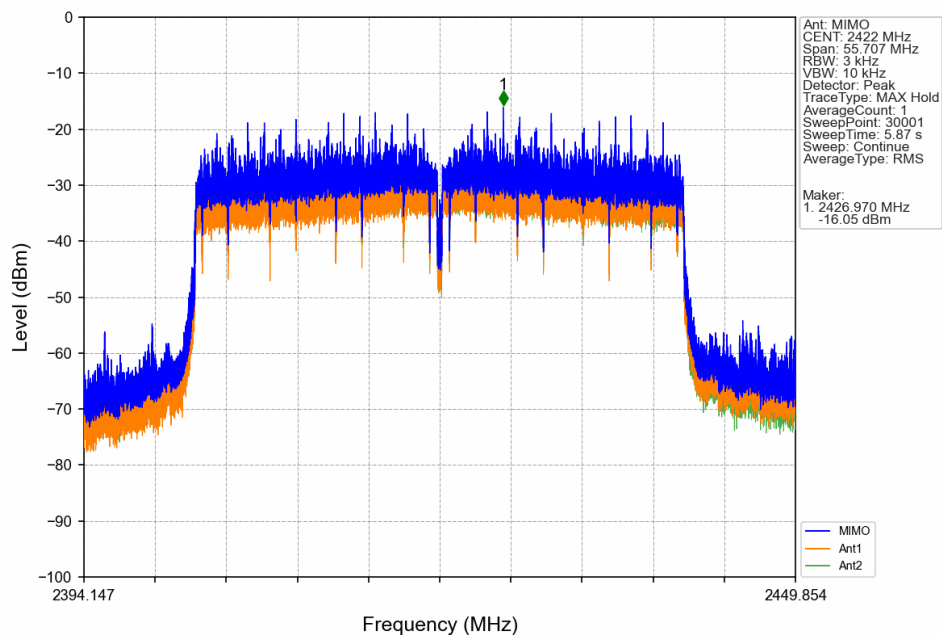
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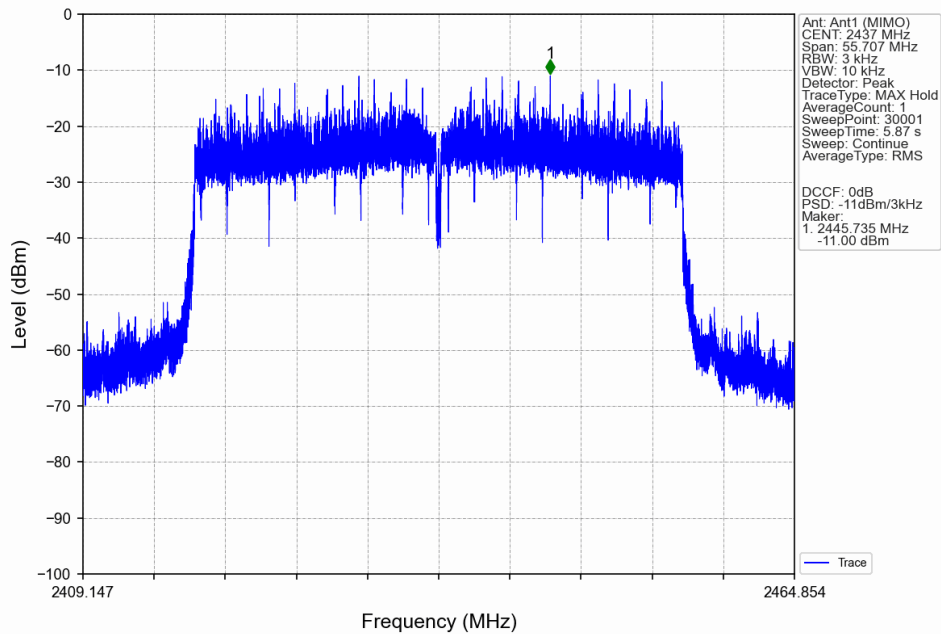
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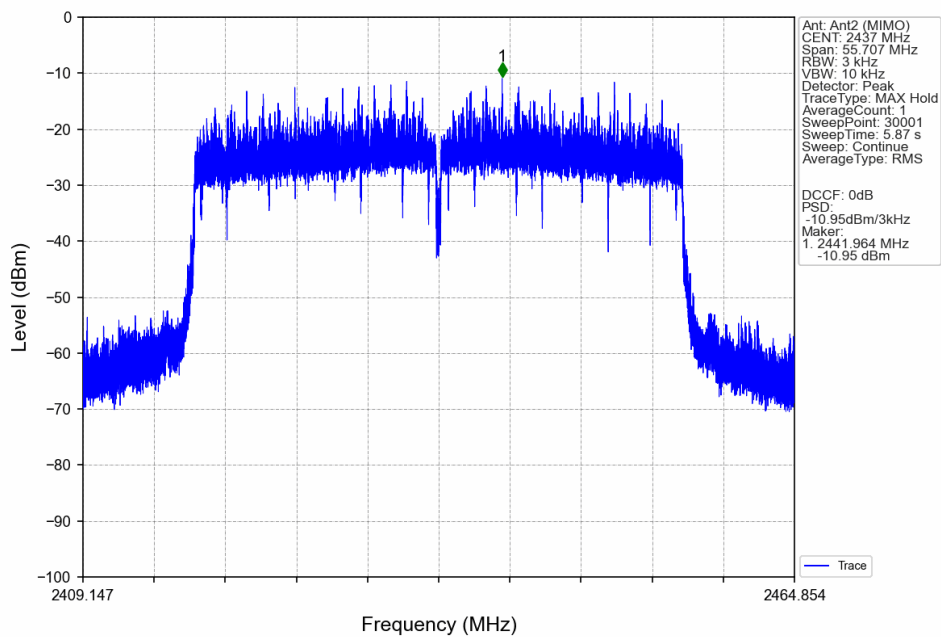
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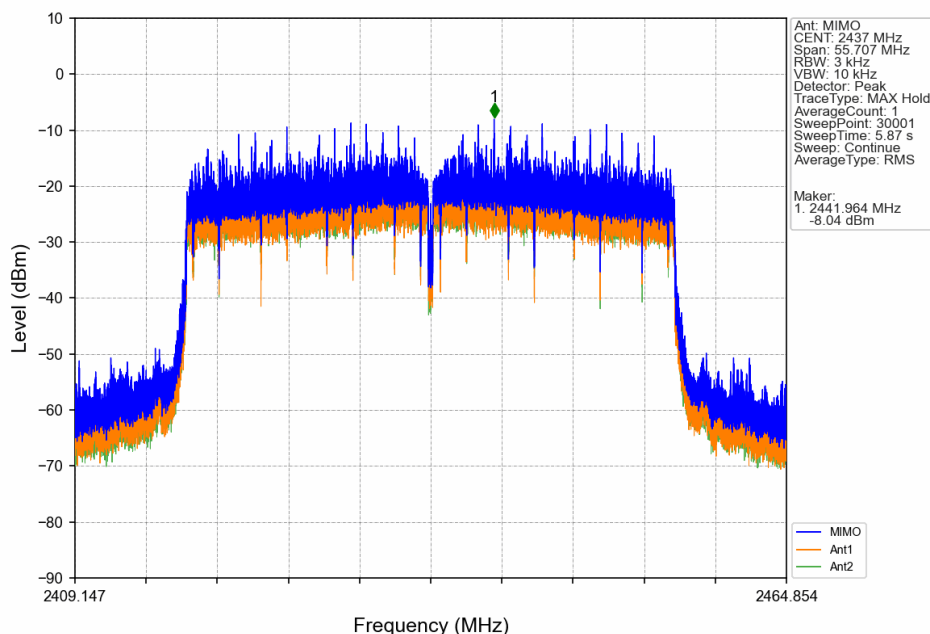
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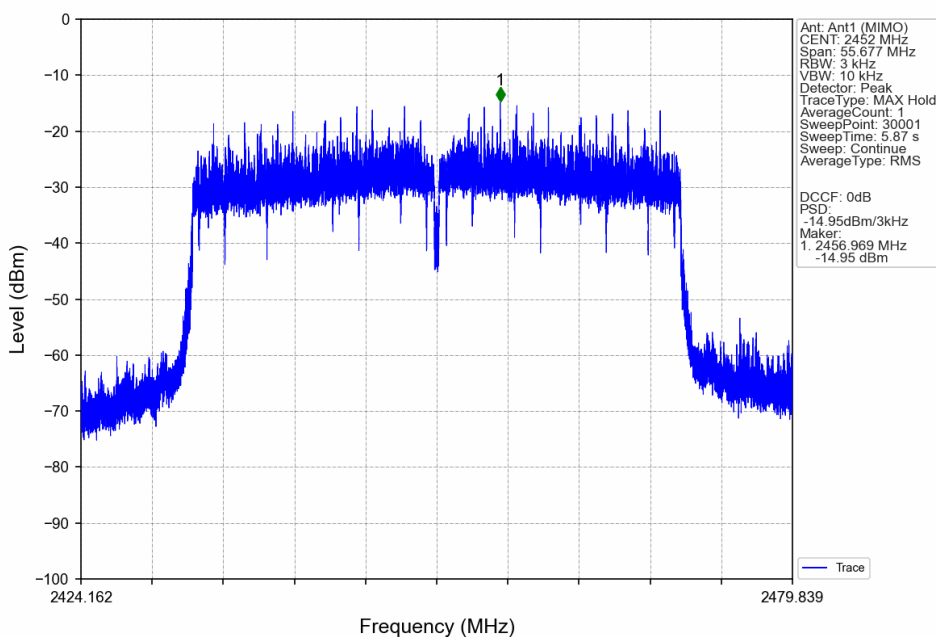
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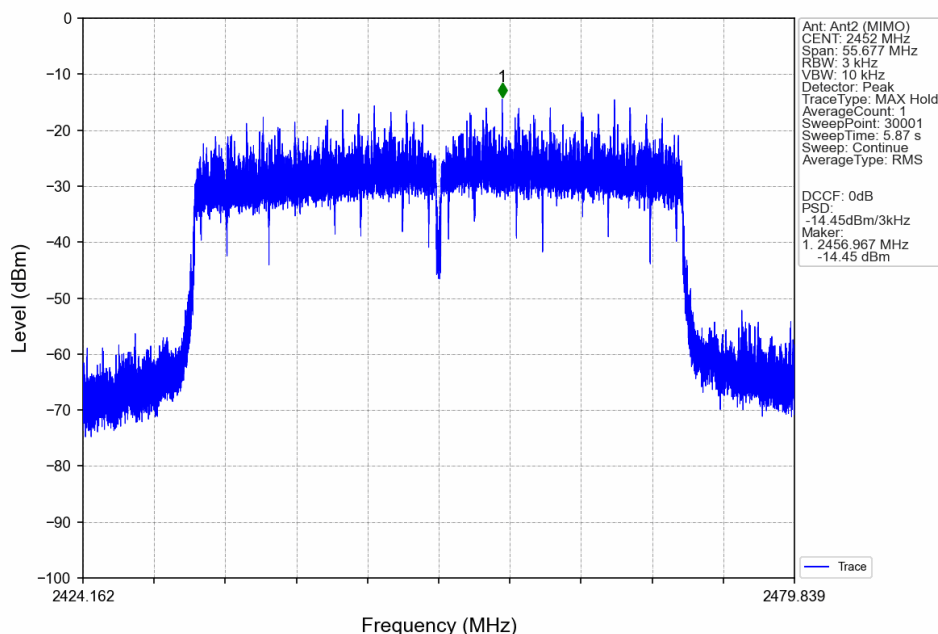
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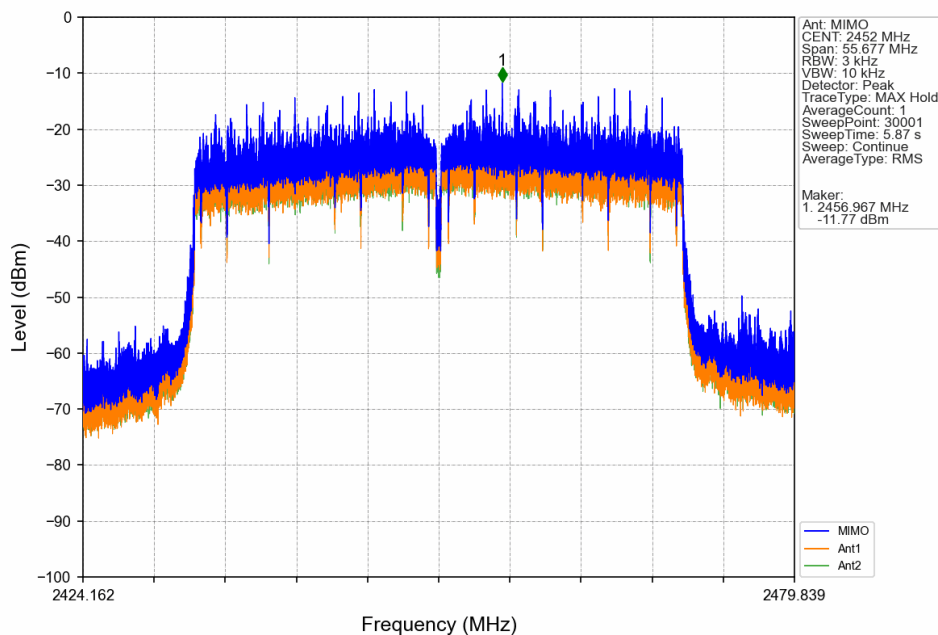
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802.11ax(HEW40)_HCH_2452MHz_SU_/_Ant2 (MIMO)_NTNV



802.11ax(HEW40)_HCH_2452MHz_SU_/_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	SISO	2412	/	/	1	8.17
					2	8.29
		2437	/	/	1	8.22
					2	8.30
		2462	/	/	1	8.47
					2	9.11
802.11g	SISO	2412	/	/	1	6.32
					2	5.12
		2437	/	/	1	6.06
					2	5.79
		2462	/	/	1	6.52
					2	6.13
802.11n (HT20)	MIMO	2412	/	/	1	3.42
					2	3.03
		2437	/	/	1	3.13
					2	3.01
		2462	/	/	1	3.61
					2	3.35
802.11n (HT40)	MIMO	2422	/	/	1	0.40
					2	0.24
		2437	/	/	1	0.22
					2	0.06
		2452	/	/	1	0.64
					2	0.38
802.11ax (HEW20)	MIMO	2412	SU	/	1	0.88
					2	0.82
		2437	SU	/	1	1.02
					2	0.51
		2462	SU	/	1	1.02
					2	0.97



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802.11ax (HEW40)	MIMO	2422	SU	/	1	-8.69
					2	-7.76
		2437	SU	/	1	0.24
					2	0.31
		2452	SU	/	1	-4.12
					2	-3.47

Note1: Refer to FCC Part 15.247 (d) and ANSI C63.10-2013, the channel contains the maximum PSD level was used to establish the reference level.



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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	SISO	2412	/	/	1	8.47	-21.53	Pass
					2	9.11	-20.89	Pass
		2437	/	/	1	8.47	-21.53	Pass
					2	9.11	-20.89	Pass
		2462	/	/	1	8.47	-21.53	Pass
					2	9.11	-20.89	Pass
802.11g	SISO	2412	/	/	1	6.52	-23.48	Pass
					2	6.13	-23.87	Pass
		2437	/	/	1	6.52	-23.48	Pass
					2	6.13	-23.87	Pass
		2462	/	/	1	6.52	-23.48	Pass
					2	6.13	-23.87	Pass
802.11n (HT20)	MIMO	2412	/	/	1	3.61	-26.39	Pass
					2	3.35	-26.65	Pass
		2437	/	/	1	3.61	-26.39	Pass
					2	3.35	-26.65	Pass
		2462	/	/	1	3.61	-26.39	Pass
					2	3.35	-26.65	Pass
802.11n (HT40)	MIMO	2422	/	/	1	0.64	-29.36	Pass
					2	0.38	-29.62	Pass
		2437	/	/	1	0.64	-29.36	Pass
					2	0.38	-29.62	Pass
		2452	/	/	1	0.64	-29.36	Pass
					2	0.38	-29.62	Pass
802.11ax (HEW20)	MIMO	2412	SU	/	1	1.02	-28.98	Pass
					2	0.97	-29.03	Pass
		2437	SU	/	1	1.02	-28.98	Pass
					2	0.97	-29.03	Pass
		2462	SU	/	1	1.02	-28.98	Pass
					2	0.97	-29.03	Pass



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802.11ax (HEW40)	MIMO	2422	SU	/	1	0.24	-29.76	Pass
					2	0.31	-29.69	Pass
		2437	SU	/	1	0.24	-29.76	Pass
					2	0.31	-29.69	Pass
		2452	SU	/	1	0.24	-29.76	Pass
					2	0.31	-29.69	Pass

Note1: Refer to FCC Part 15.247 (d) and ANSI C63.10-2013, the channel contains the maximum PSD level was used to establish the reference level.



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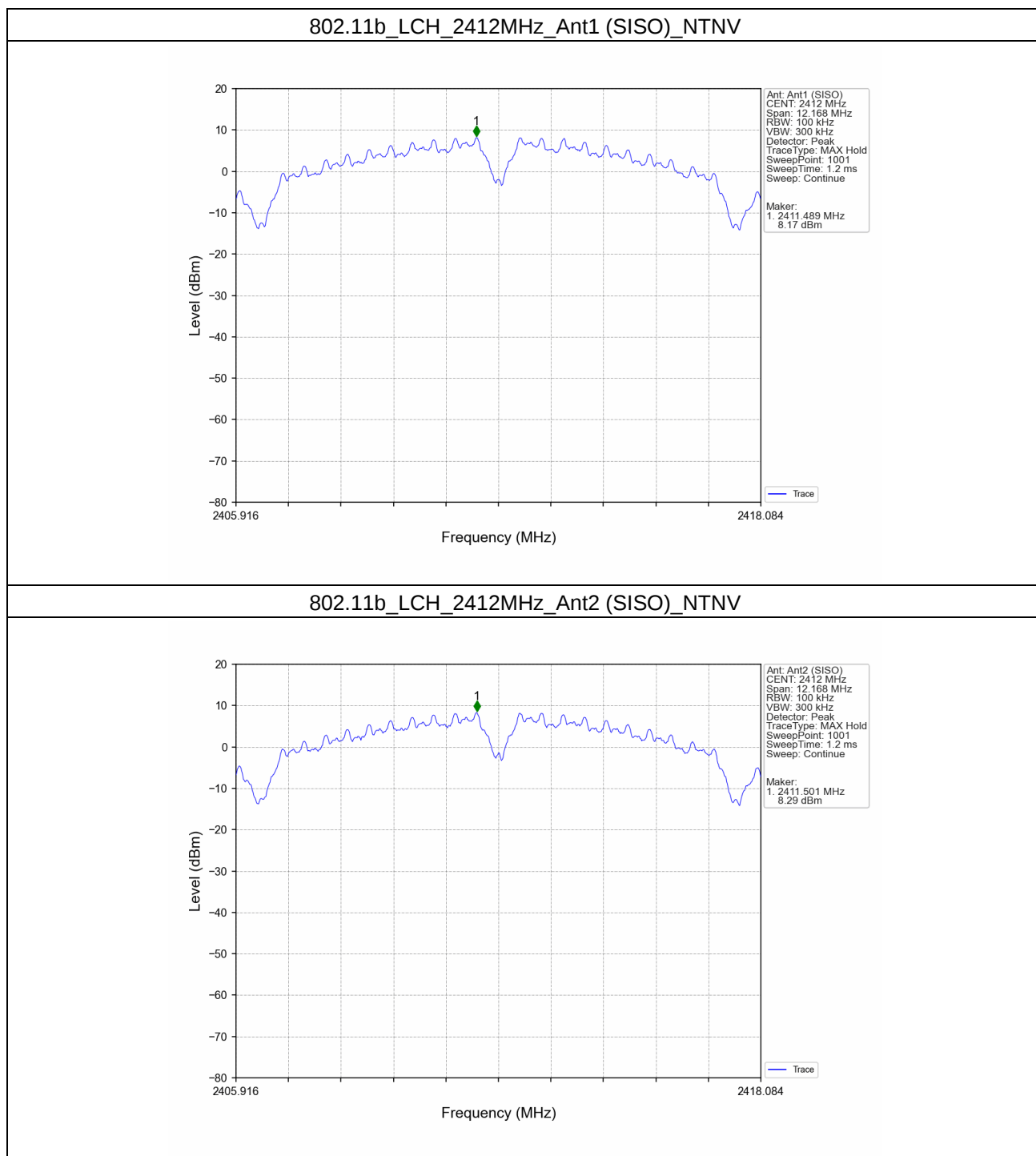
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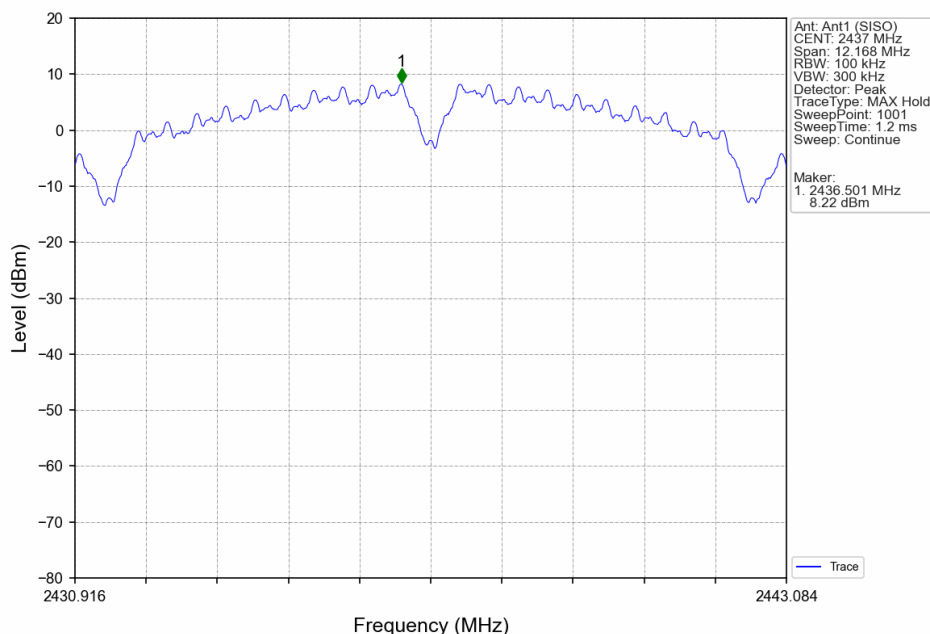
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5.2 Test Graph

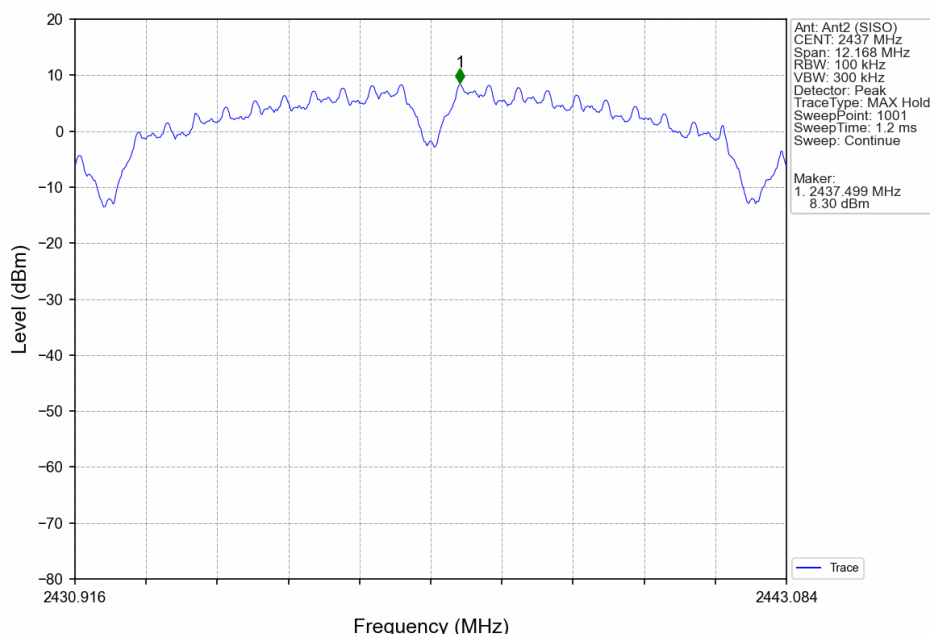
5.2.1 Ref



802.11b_MCH_2437MHz_Ant1 (SISO)_NTNV



802.11b_MCH_2437MHz_Ant2 (SISO)_NTNV



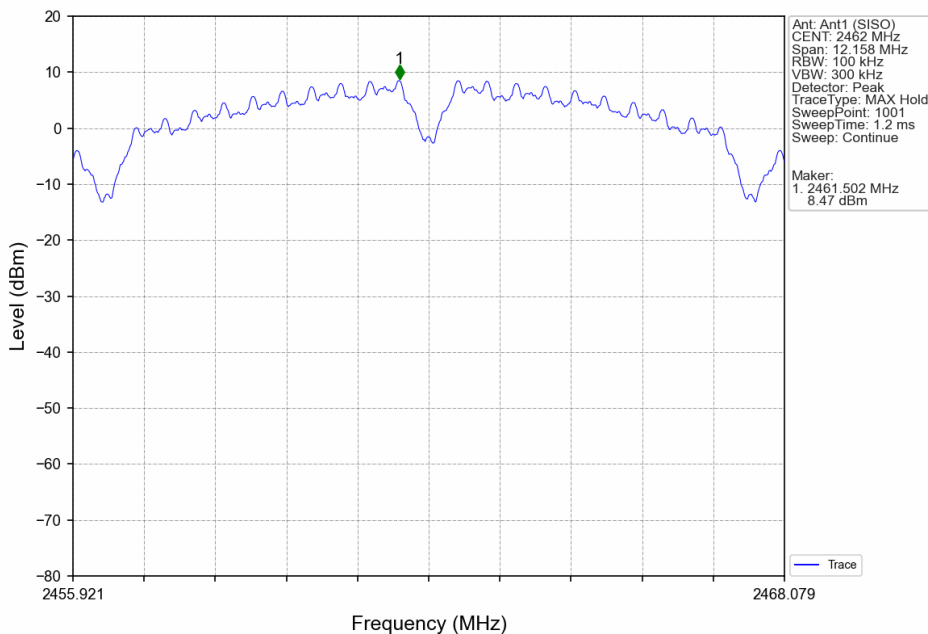
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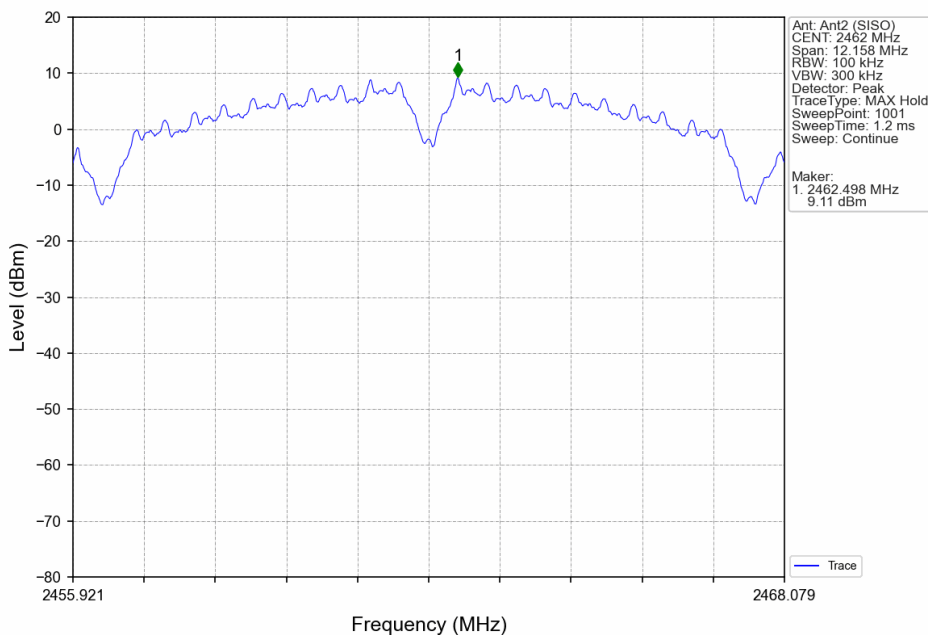
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802.11b_HCH_2462MHz_Ant1 (SISO)_NTNV



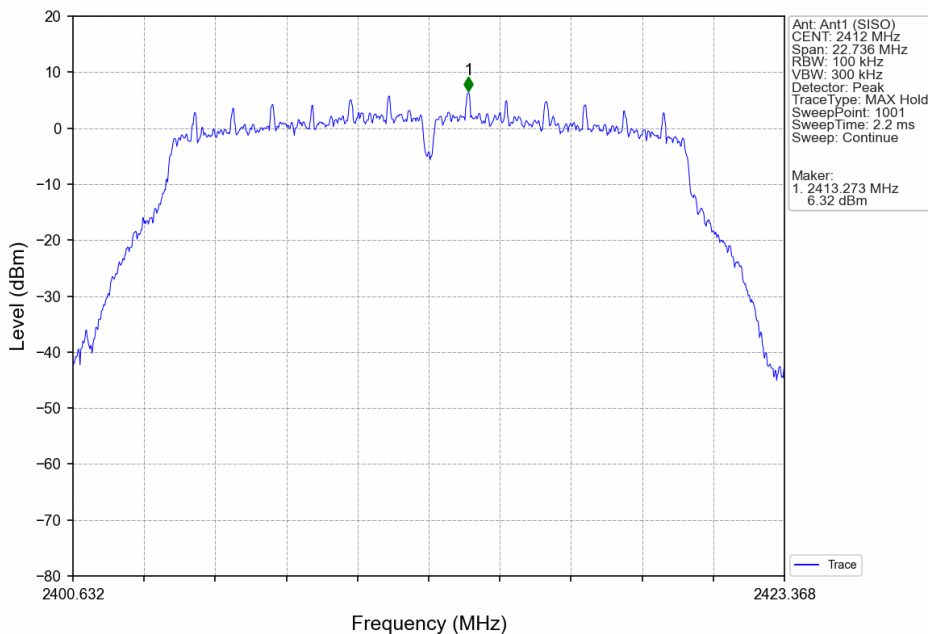
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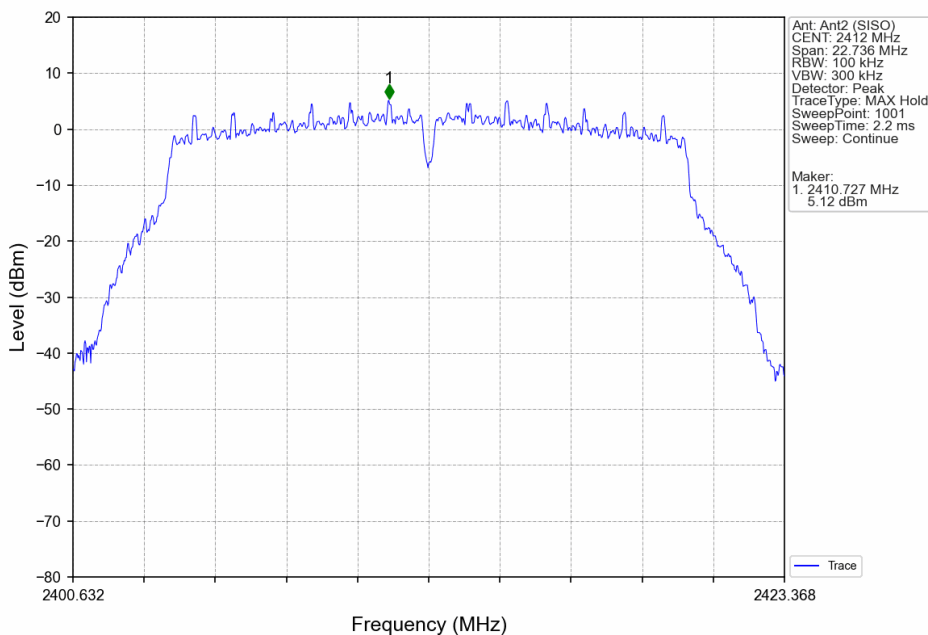
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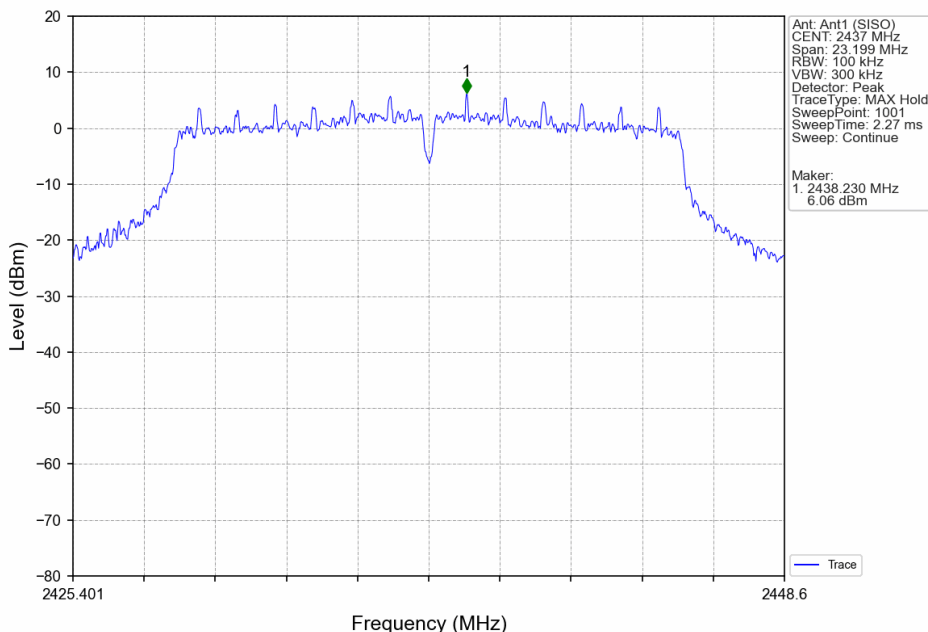
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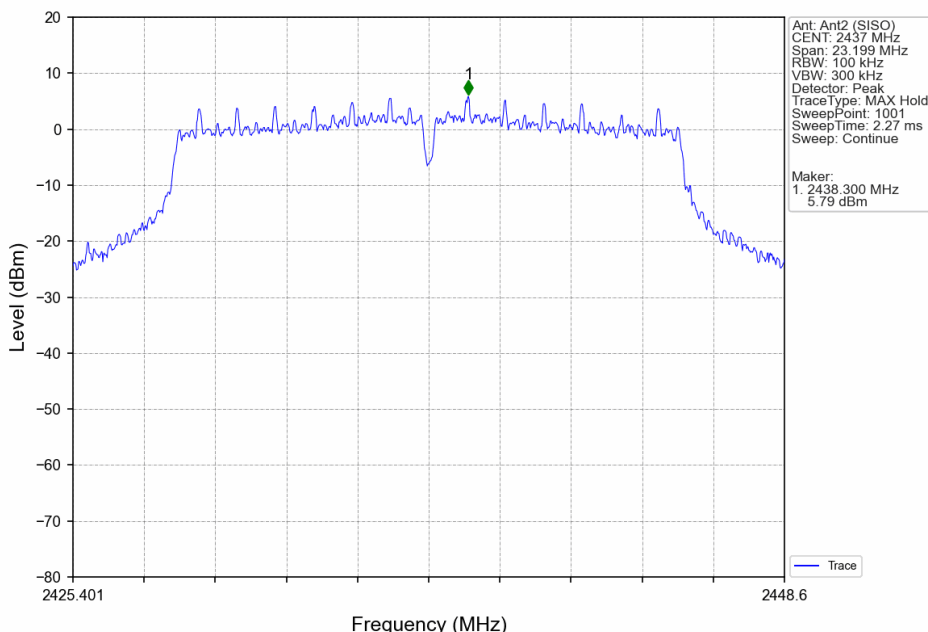
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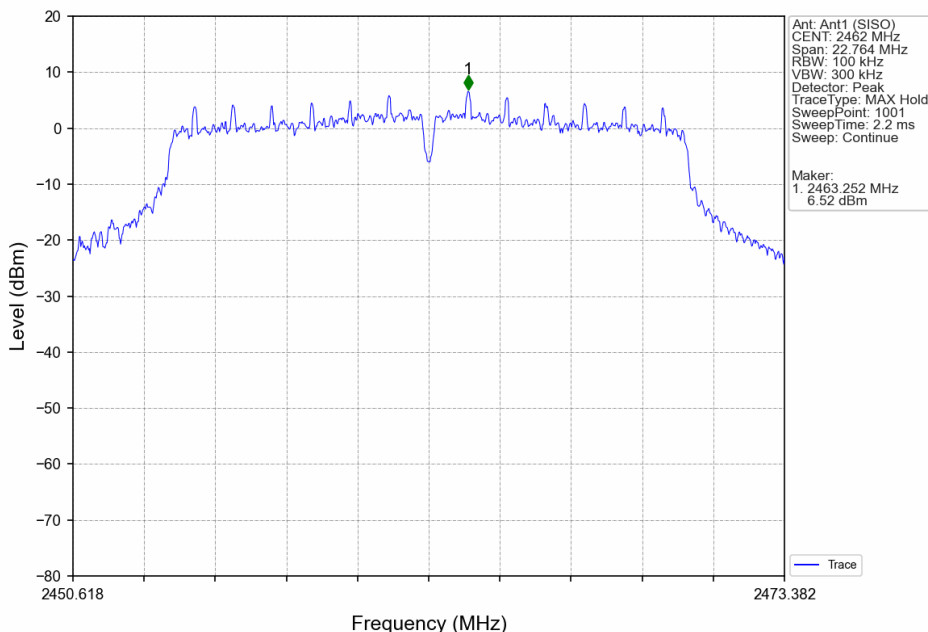
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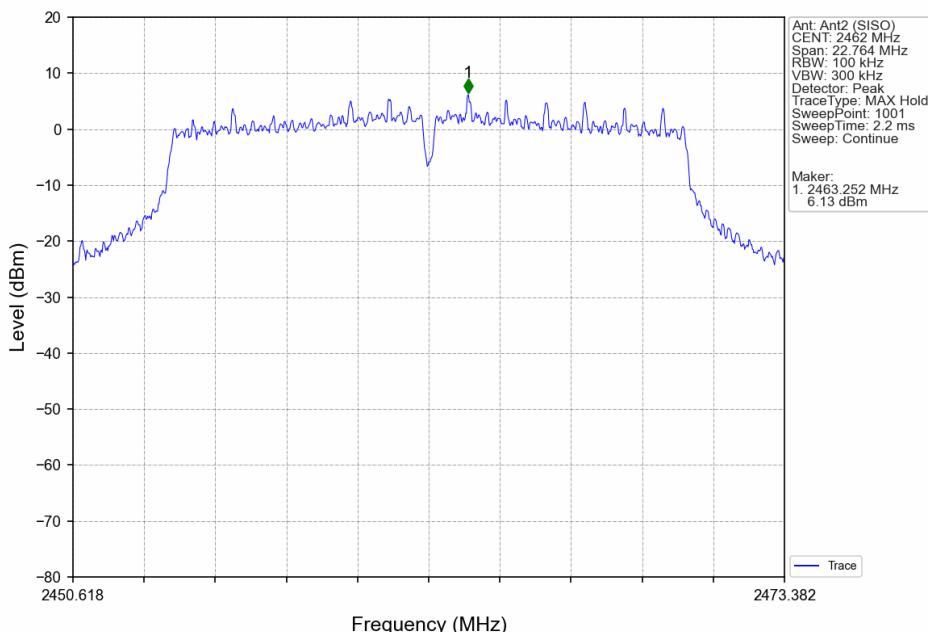
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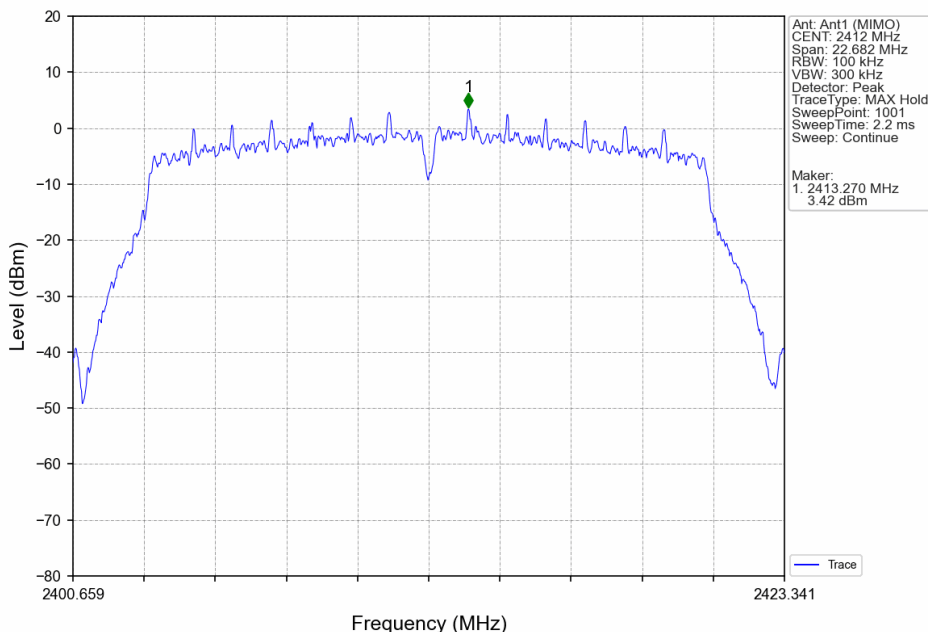
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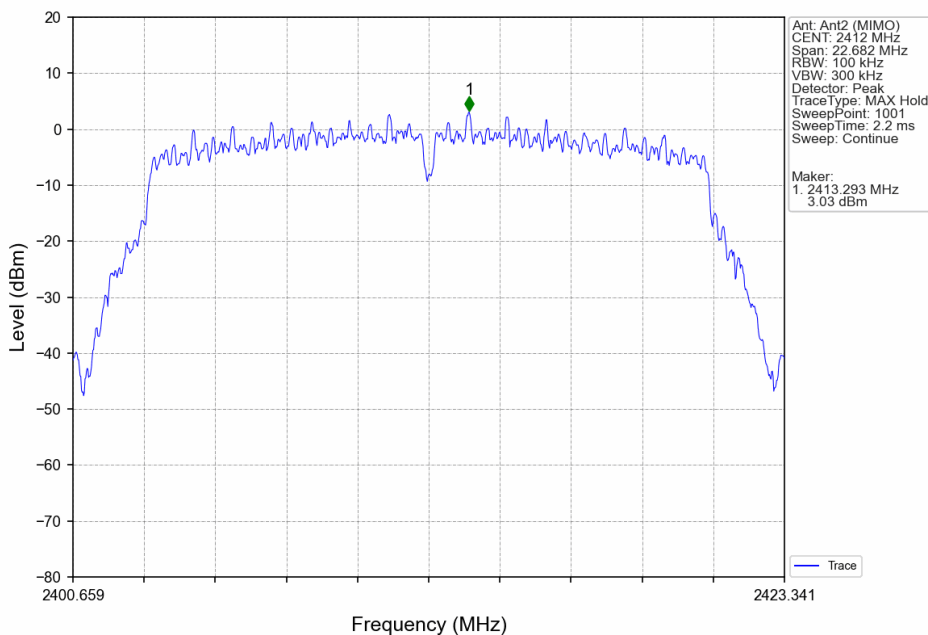
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802.11n(HT20)_LCH_2412MHz_Ant1 (MIMO)_NTNV



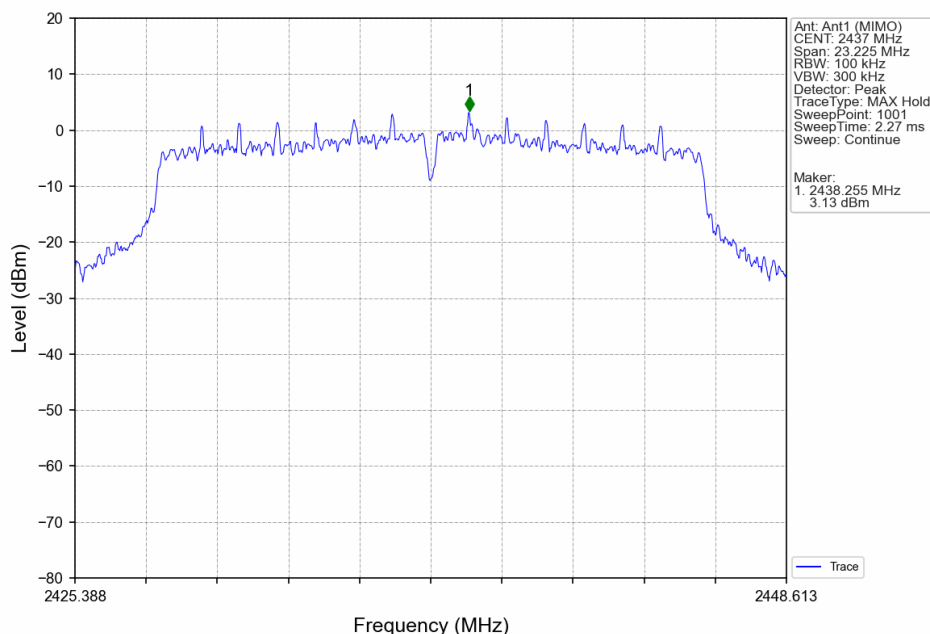
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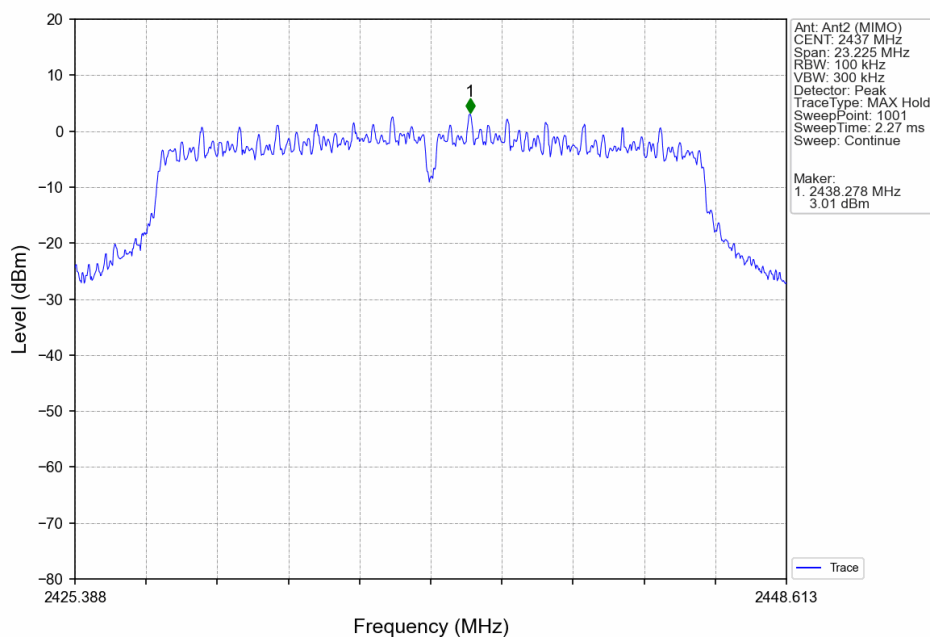
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802.11n(HT20)_MCH_2437MHz_Ant1 (MIMO)_NTNV



802.11n(HT20)_MCH_2437MHz_Ant2 (MIMO)_NTNV



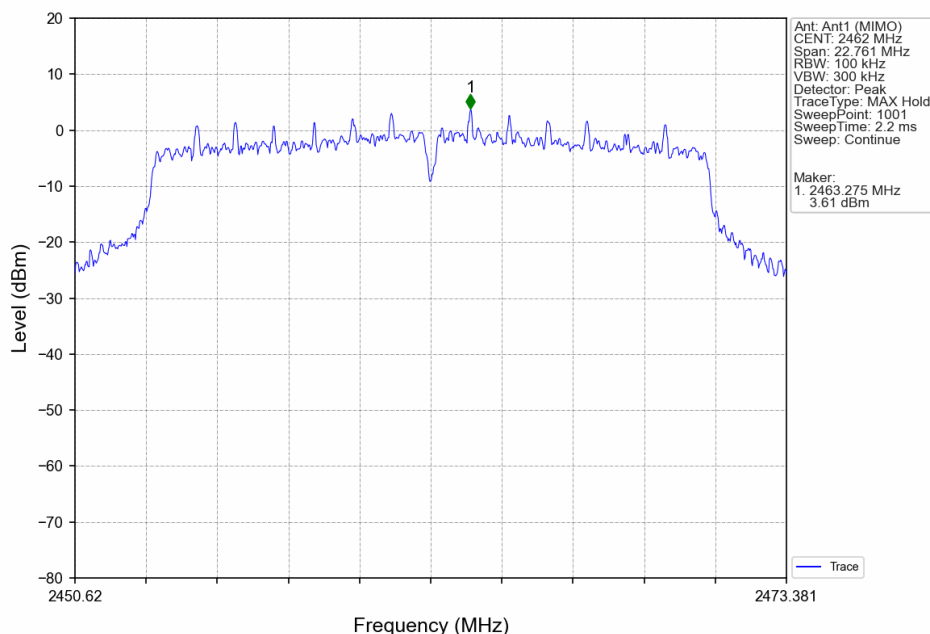
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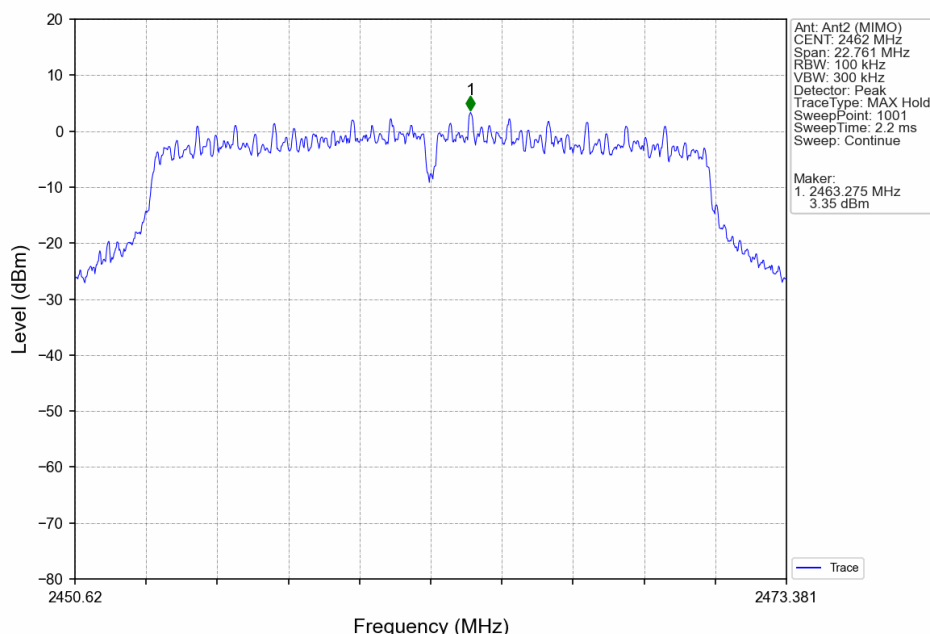
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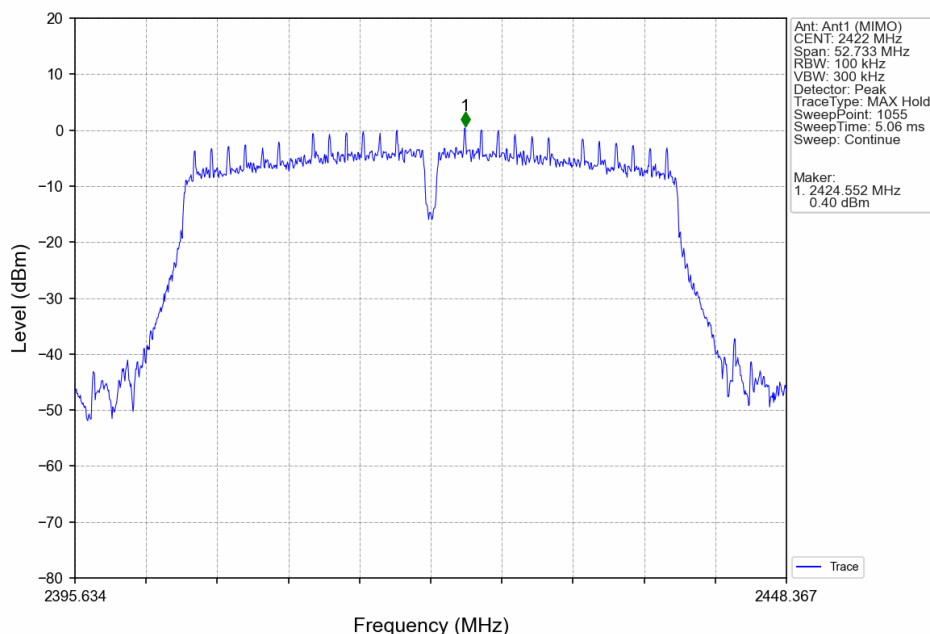
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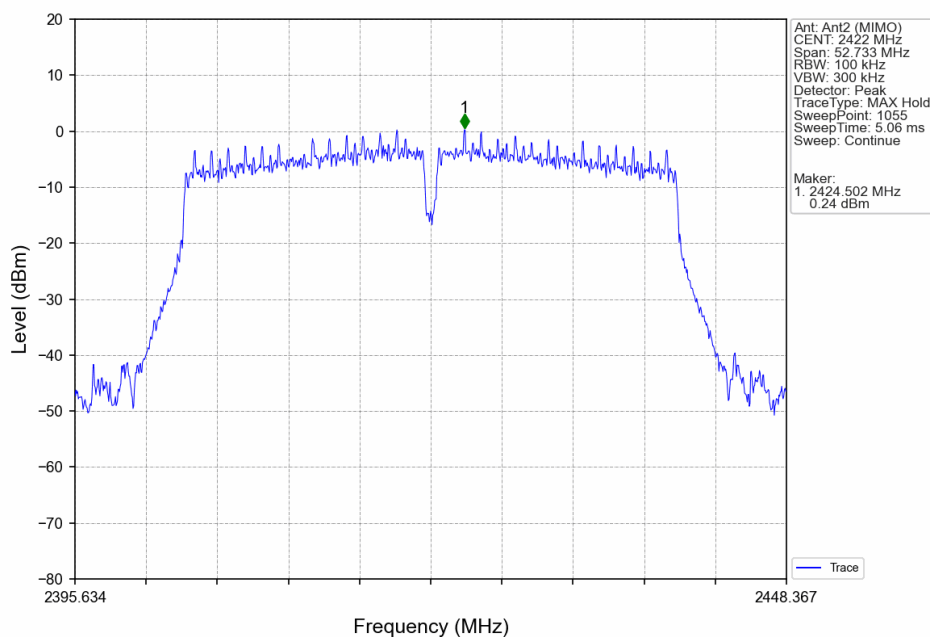
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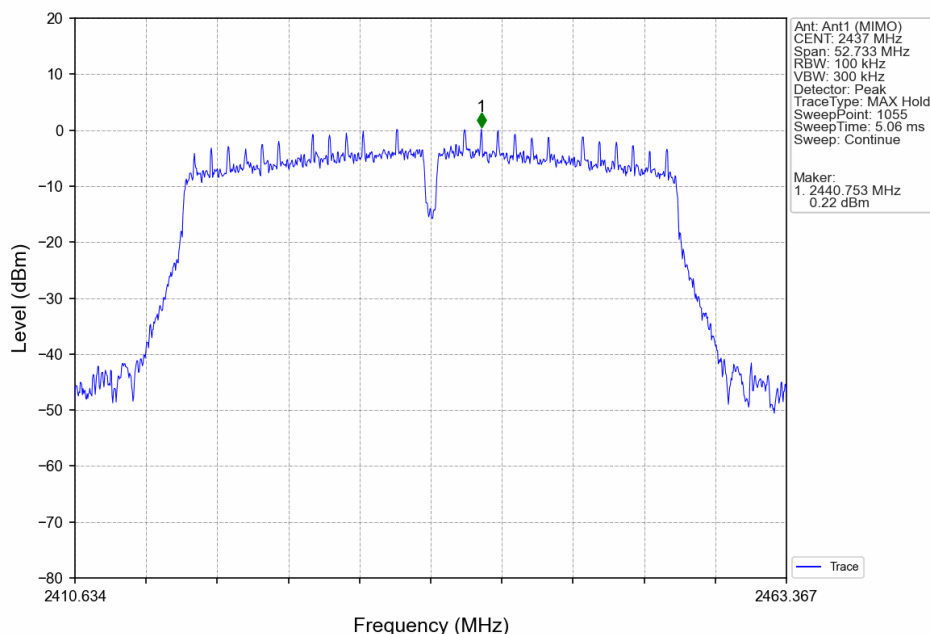
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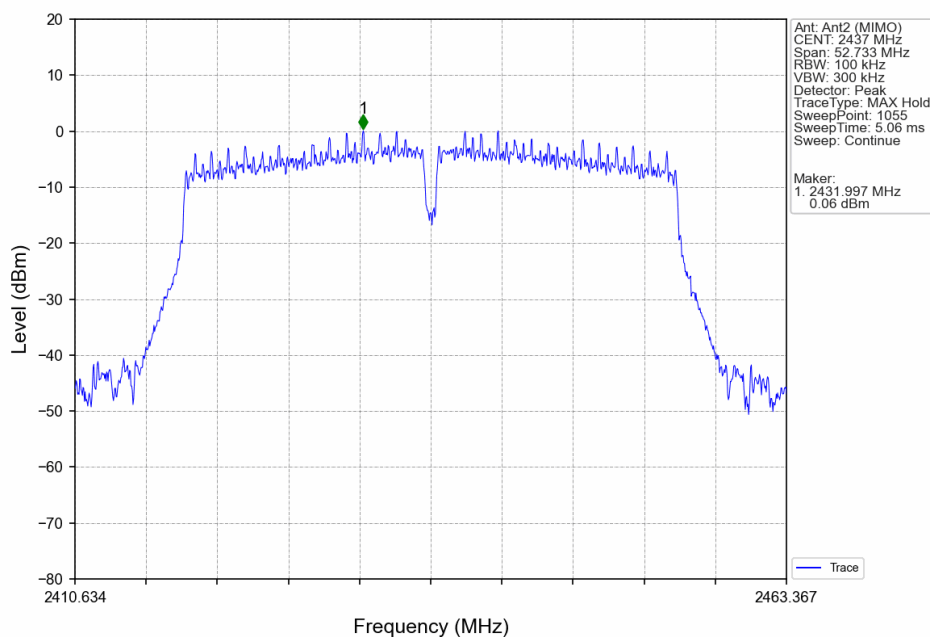
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802.11n(HT40)_MCH_2437MHz_Ant1 (MIMO)_NTNV



802.11n(HT40)_MCH_2437MHz_Ant2 (MIMO)_NTNV



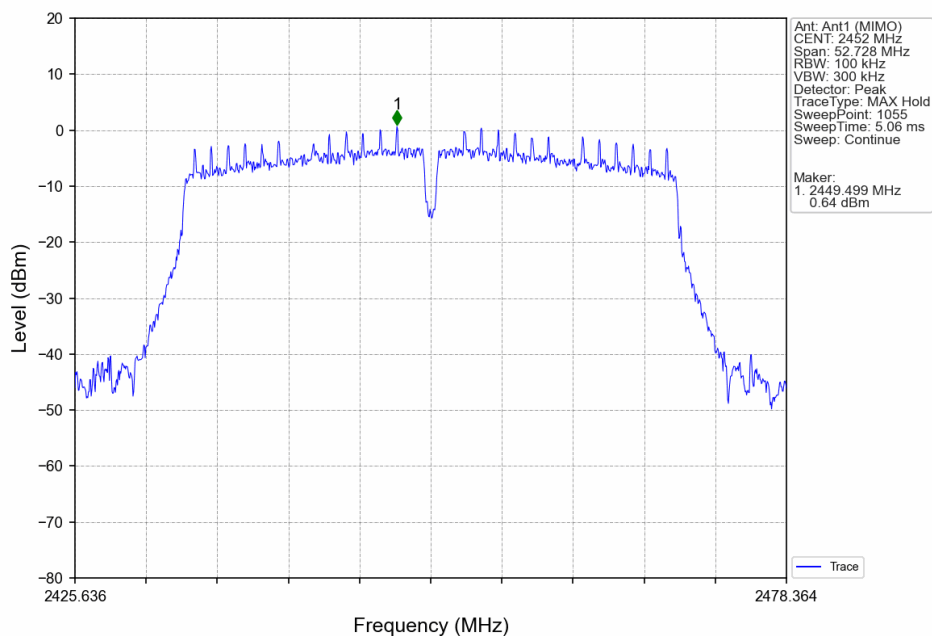
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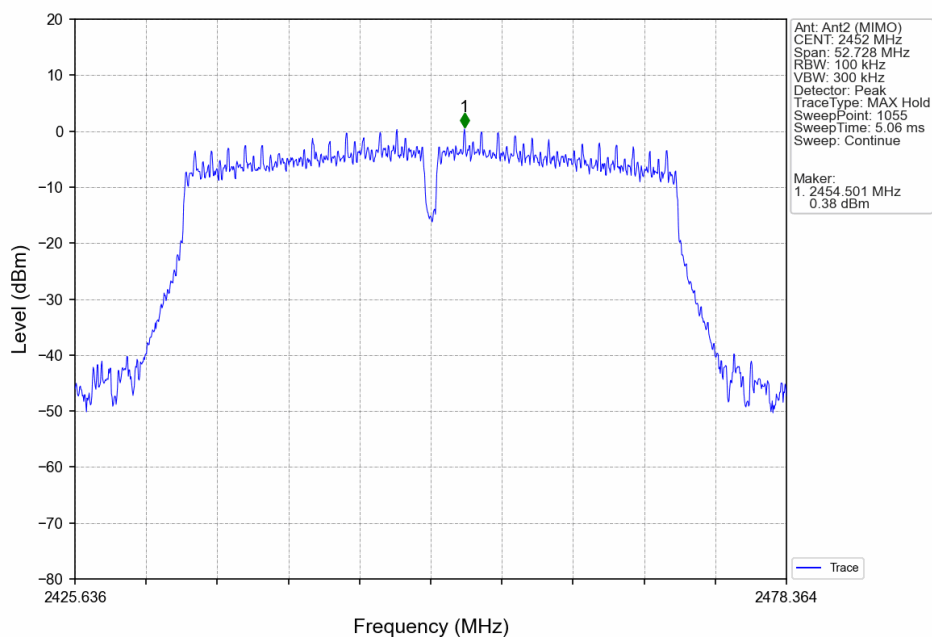
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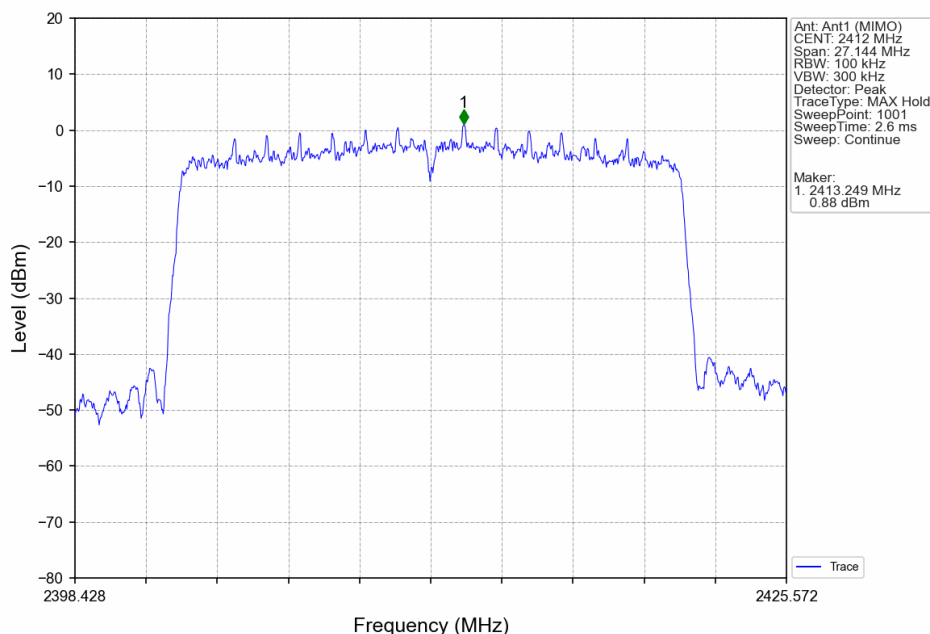
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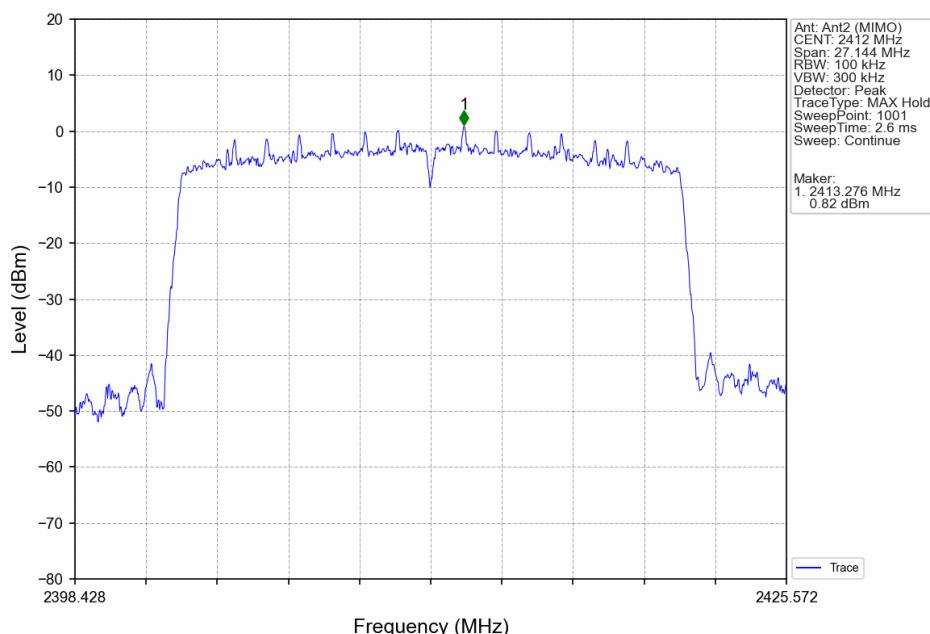
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802.11ax(HEW20)_LCH_2412MHz_SU_/_Ant1 (MIMO)_NTNV



802.11ax(HEW20)_LCH_2412MHz_SU_/_Ant2 (MIMO)_NTNV



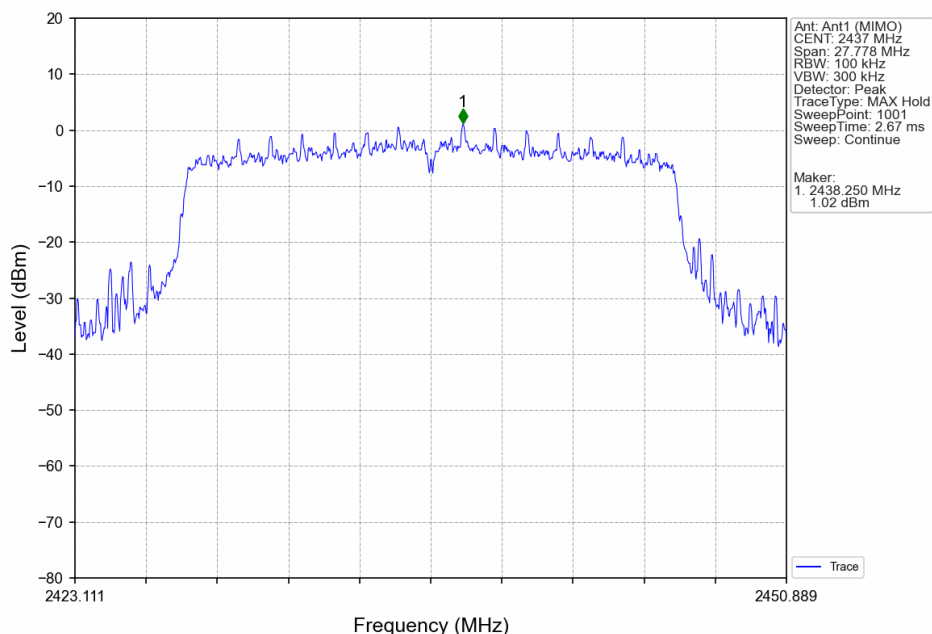
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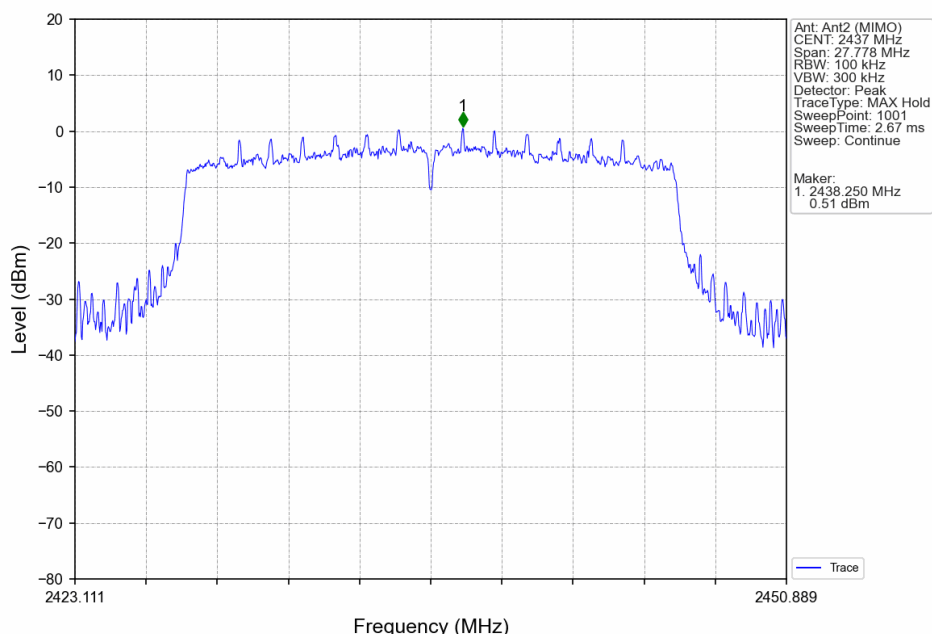
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802.11ax(HEW20)_MCH_2437MHz_SU_/_Ant1 (MIMO)_NTNV



802.11ax(HEW20)_MCH_2437MHz_SU_/_Ant2 (MIMO)_NTNV



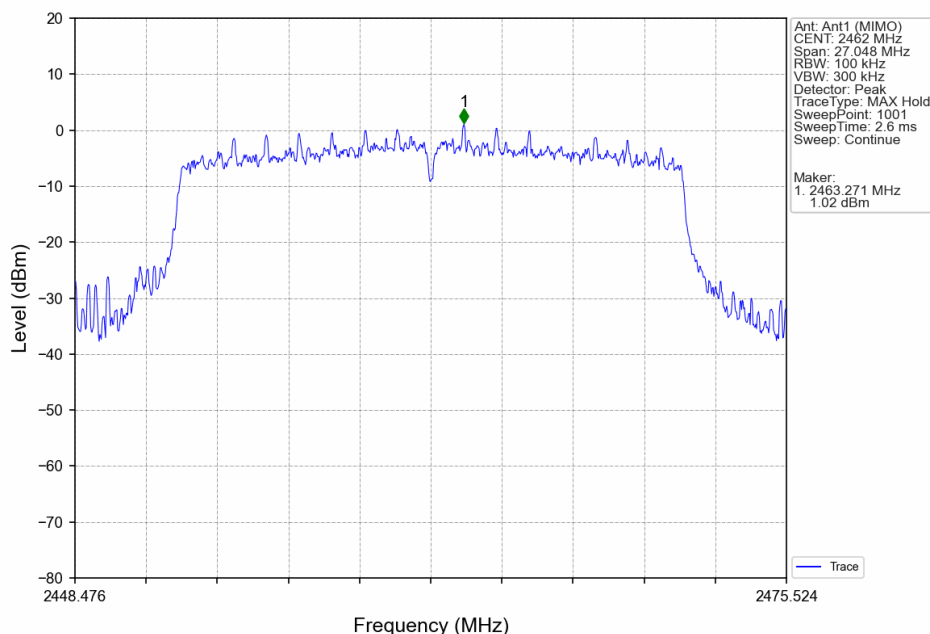
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