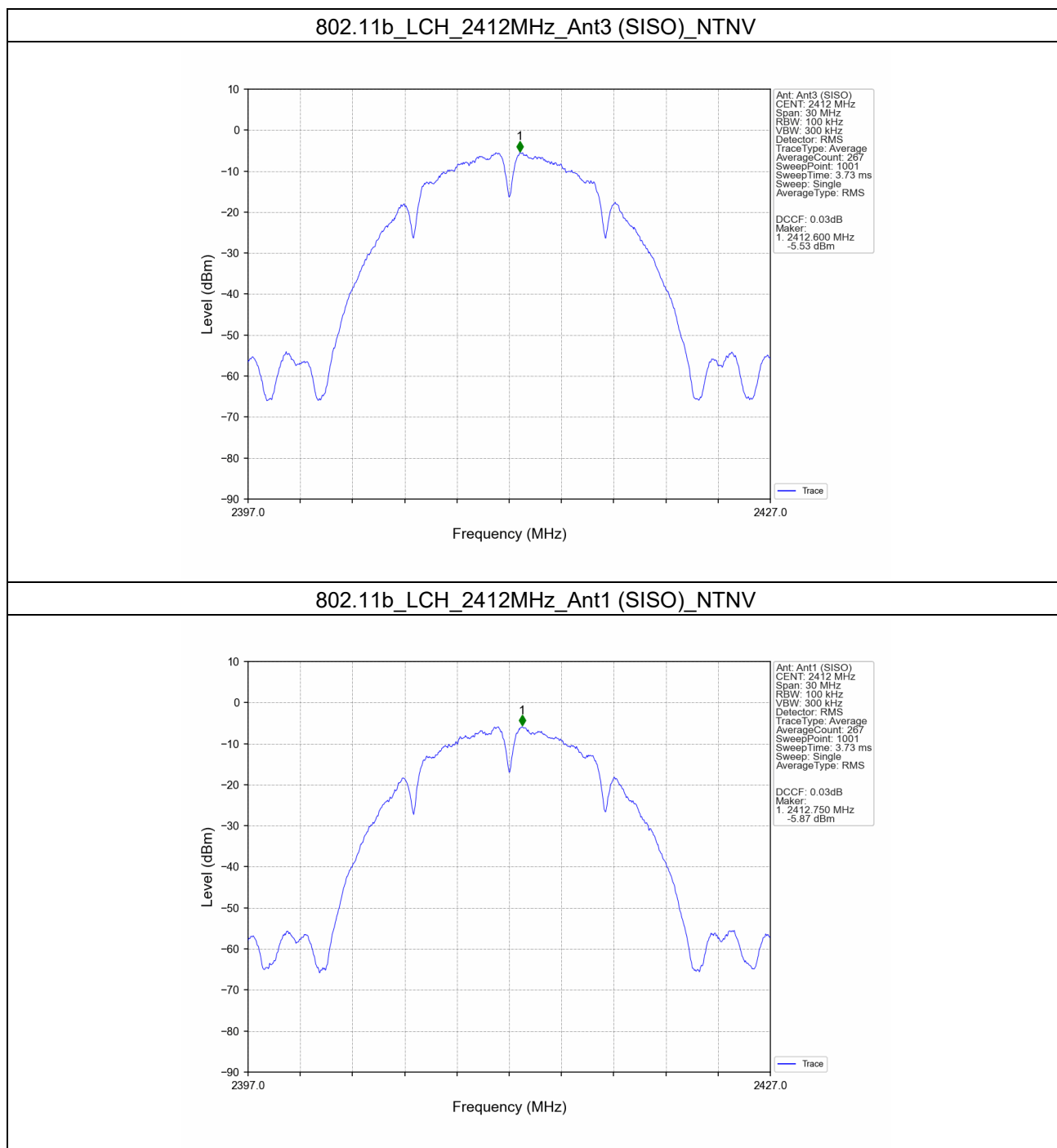


4.2 Test Graph

4.2.1 PSD



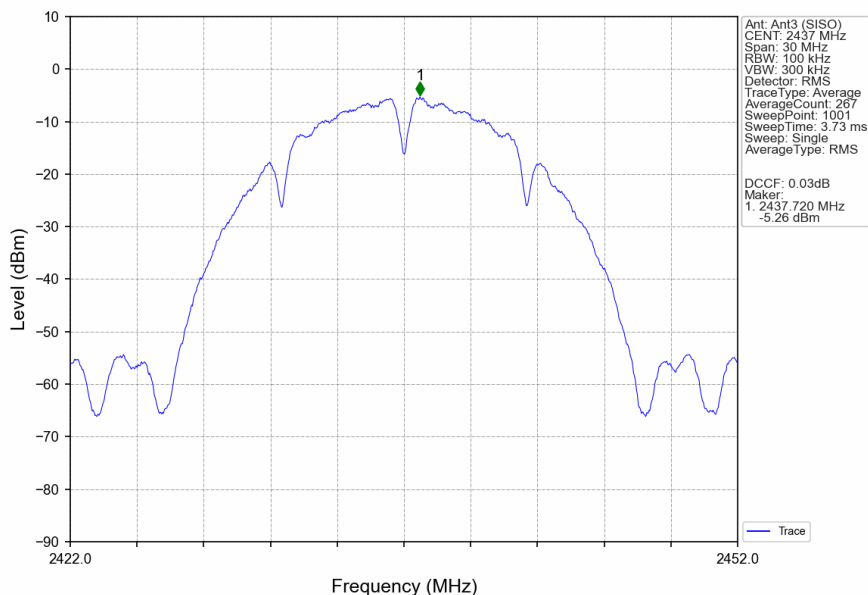
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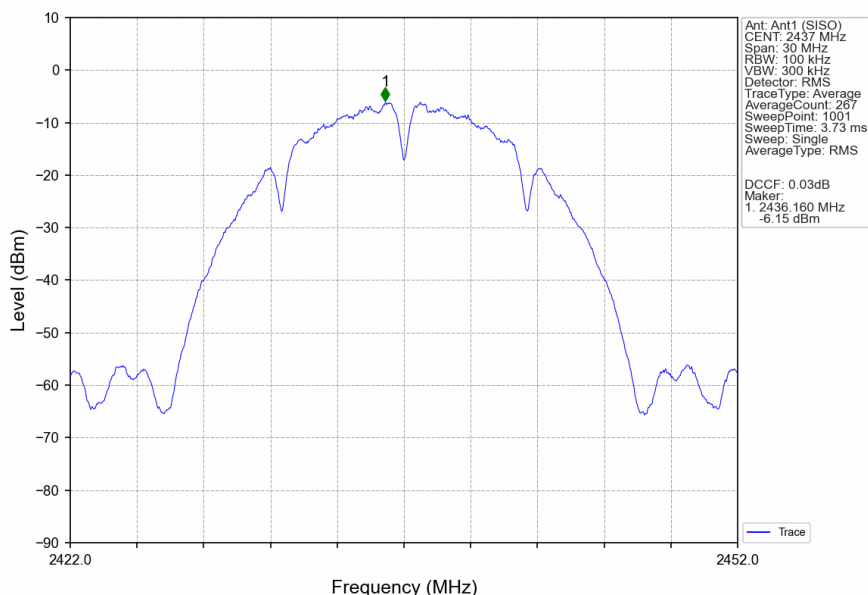
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802.11b_MCH_2437MHz_Ant3 (SISO)_NTNV



802.11b_MCH_2437MHz_Ant1 (SISO)_NTNV



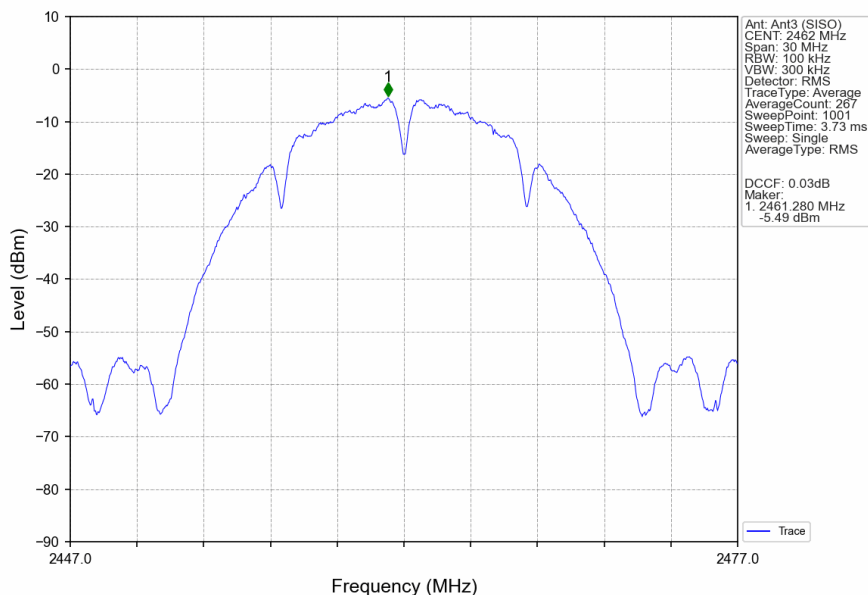
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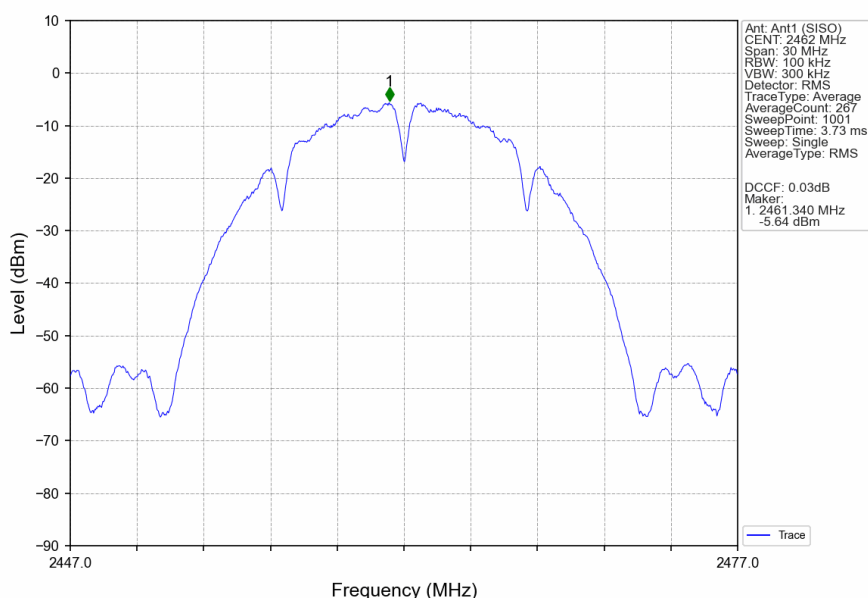
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802.11b_HCH_2462MHz_Ant3 (SISO)_NTNV



802.11b_HCH_2462MHz_Ant1 (SISO)_NTNV



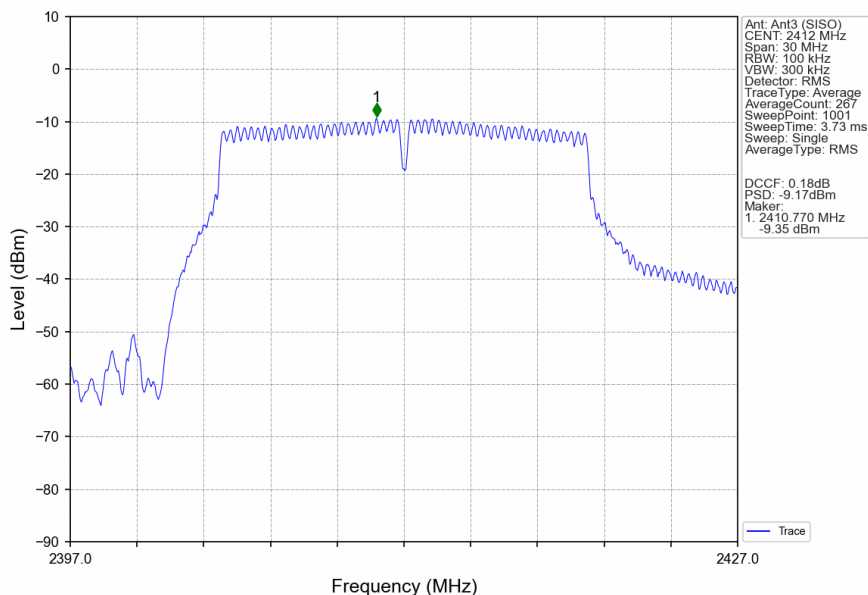
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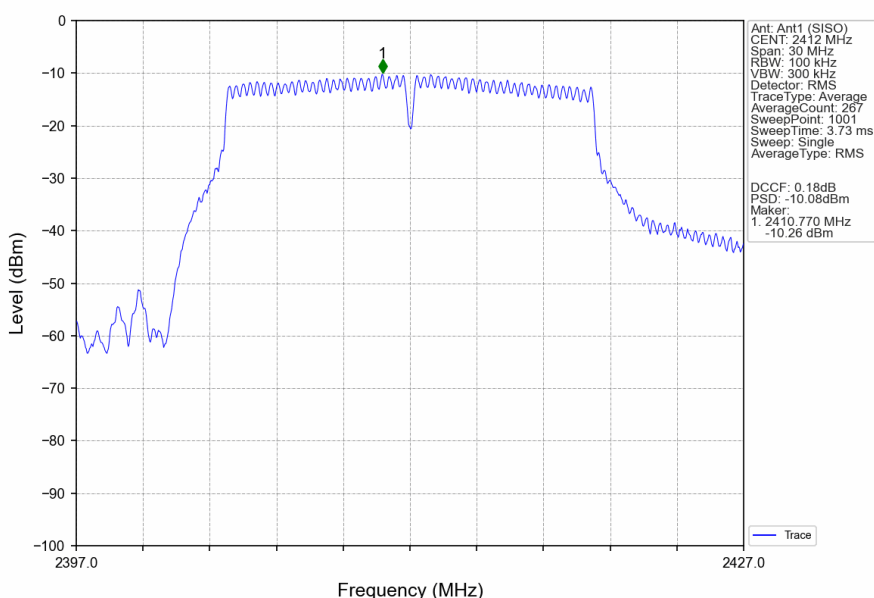
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802.11g_LCH_2412MHz_Ant3 (SISO)_NTNV



802.11g_LCH_2412MHz_Ant1 (SISO)_NTNV



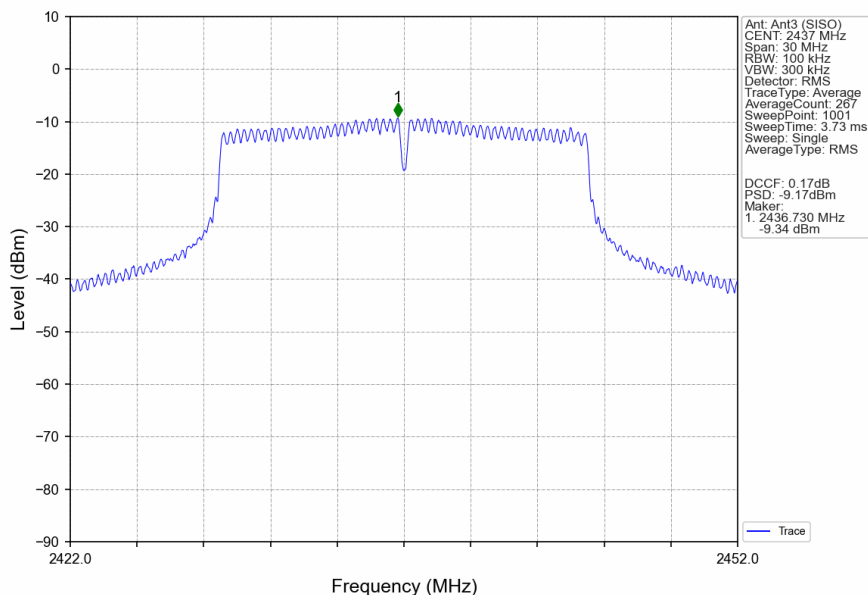
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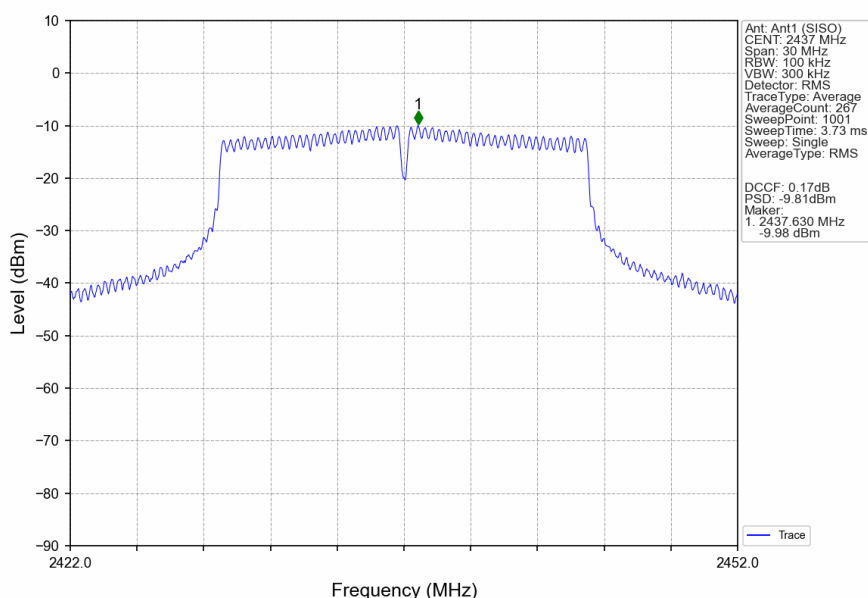
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802.11g_MCH_2437MHz_Ant3 (SISO)_NTNV



802.11g_MCH_2437MHz_Ant1 (SISO)_NTNV



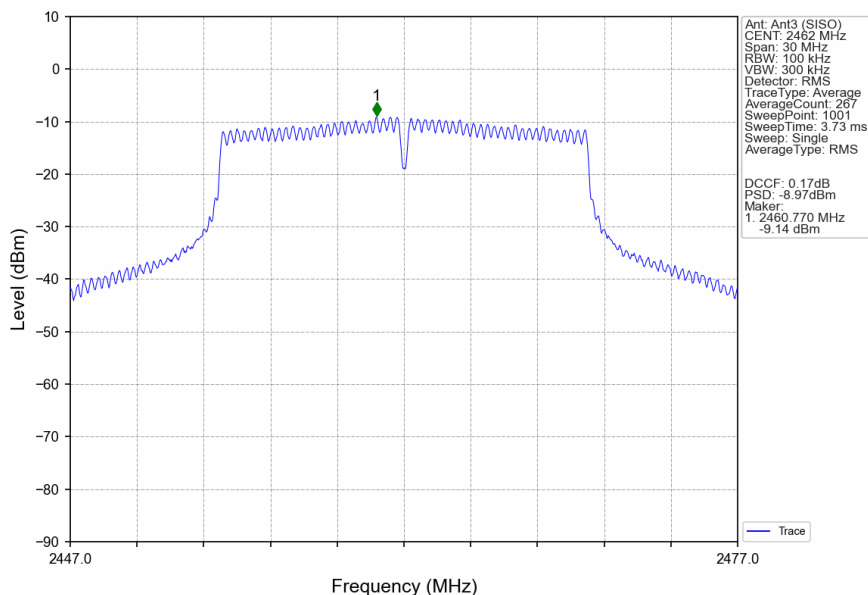
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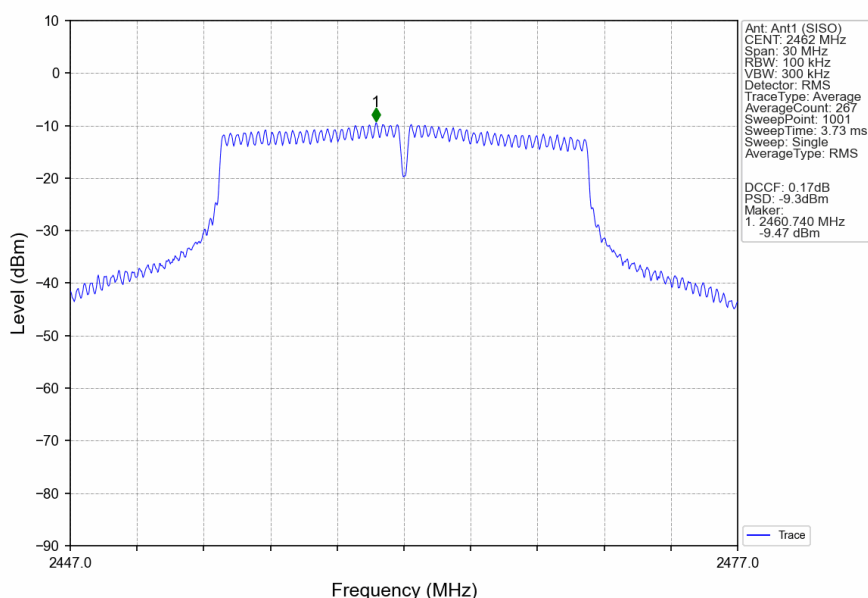
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802.11g_HCH_2462MHz_Ant3 (SISO)_NTNV



802.11g_HCH_2462MHz_Ant1 (SISO)_NTNV



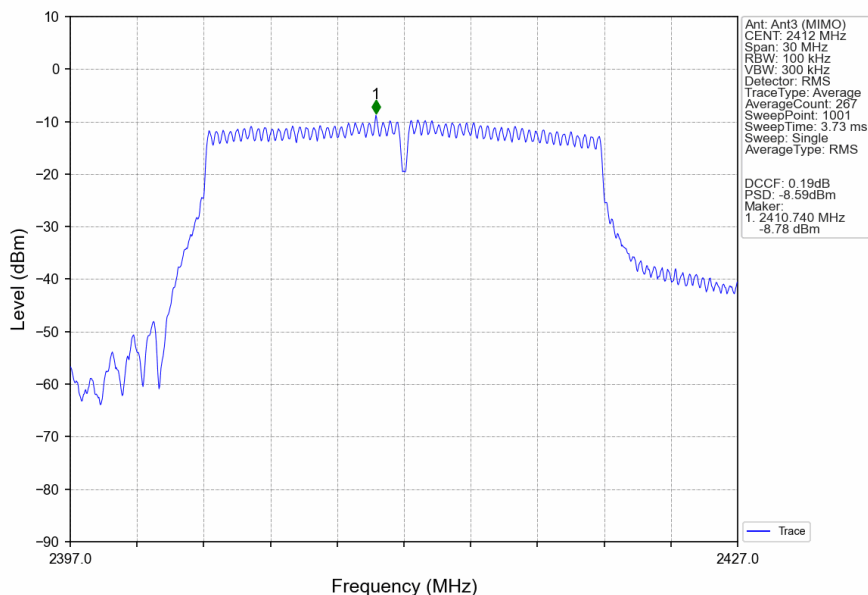
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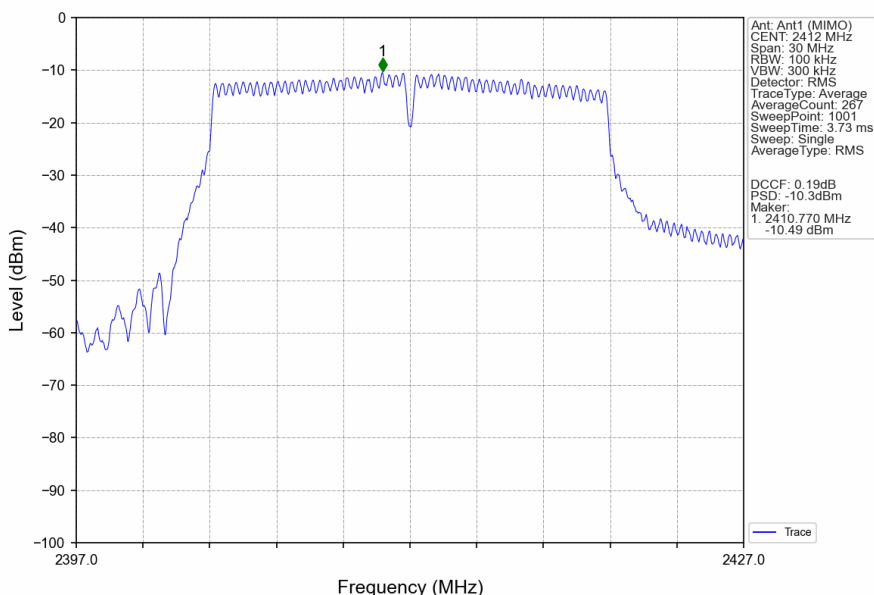
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802.11n(HT20)_LCH_2412MHz_Ant3 (MIMO)_NTNV



802.11n(HT20)_LCH_2412MHz_Ant1 (MIMO)_NTNV

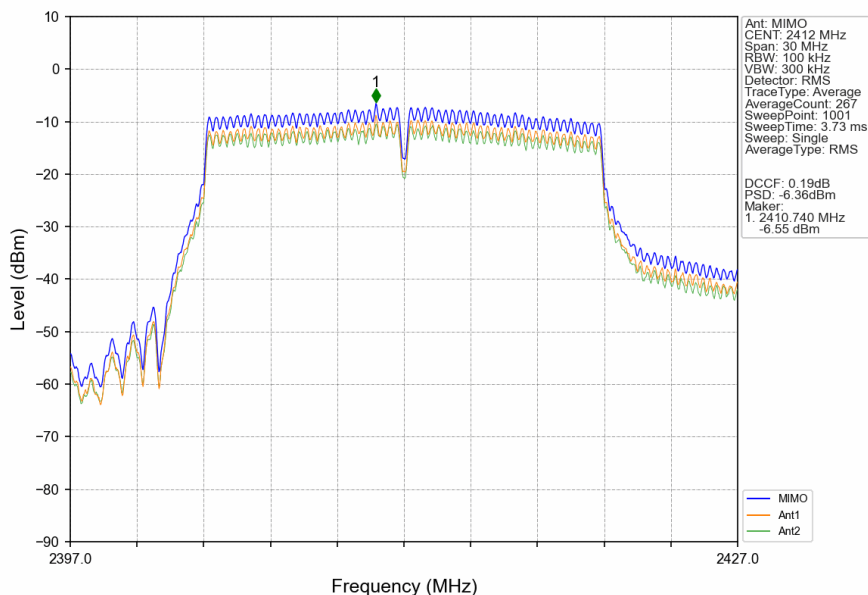


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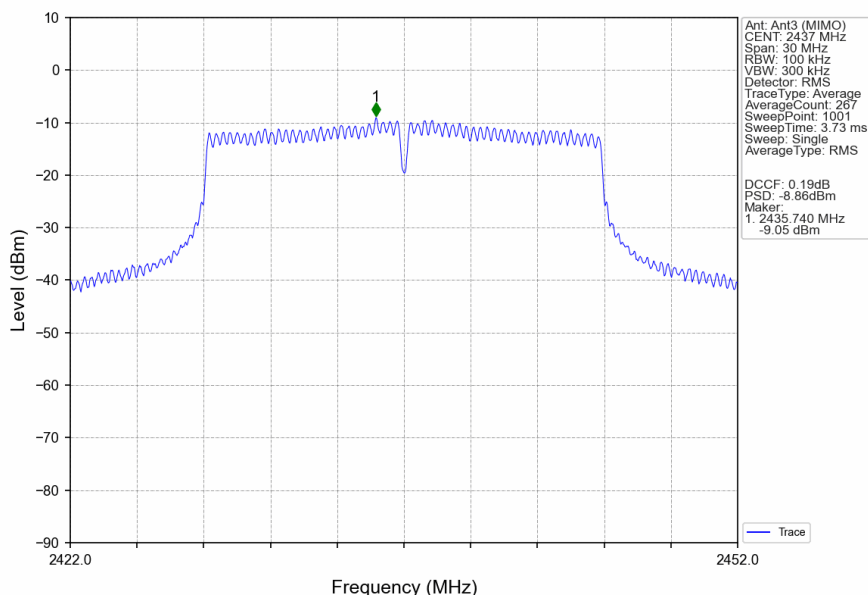
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802.11n(HT20)_LCH_2412MHz_MIMO_NTNV



802.11n(HT20)_MCH_2437MHz_Ant3 (MIMO)_NTNV

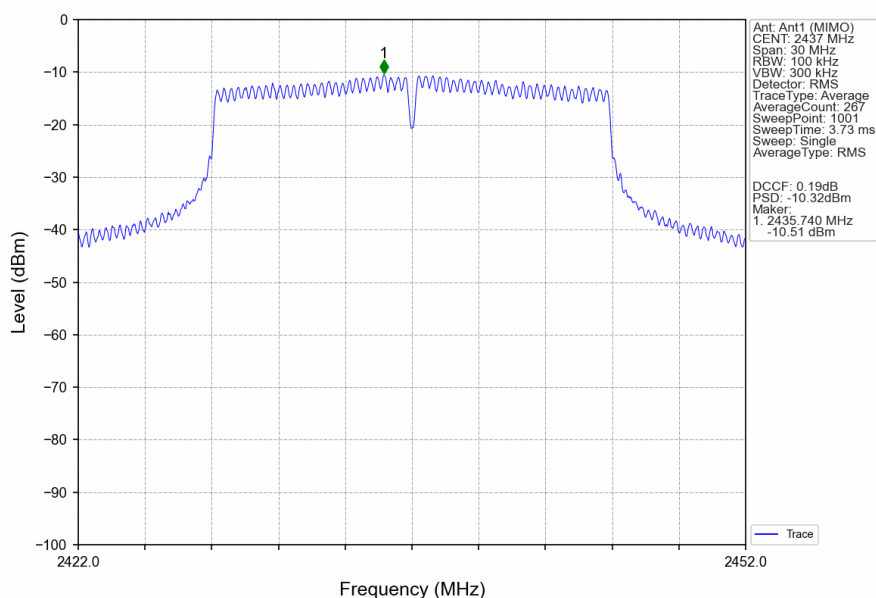


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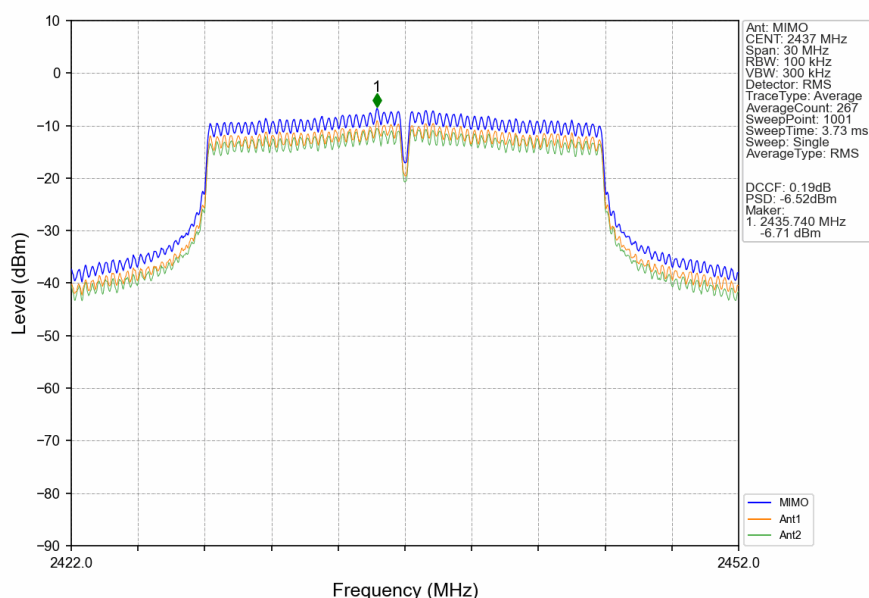
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802.11n(HT20)_MCH_2437MHz_MIMO_NTNV



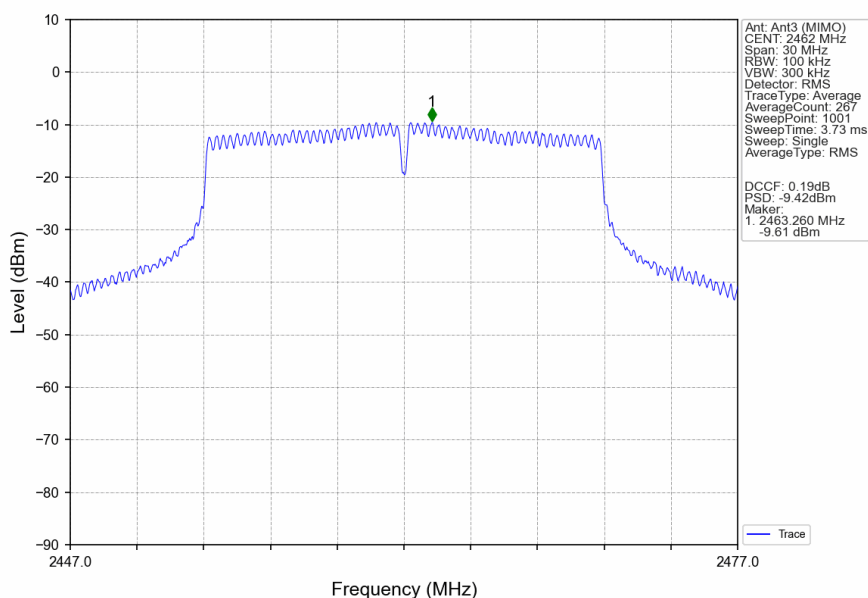
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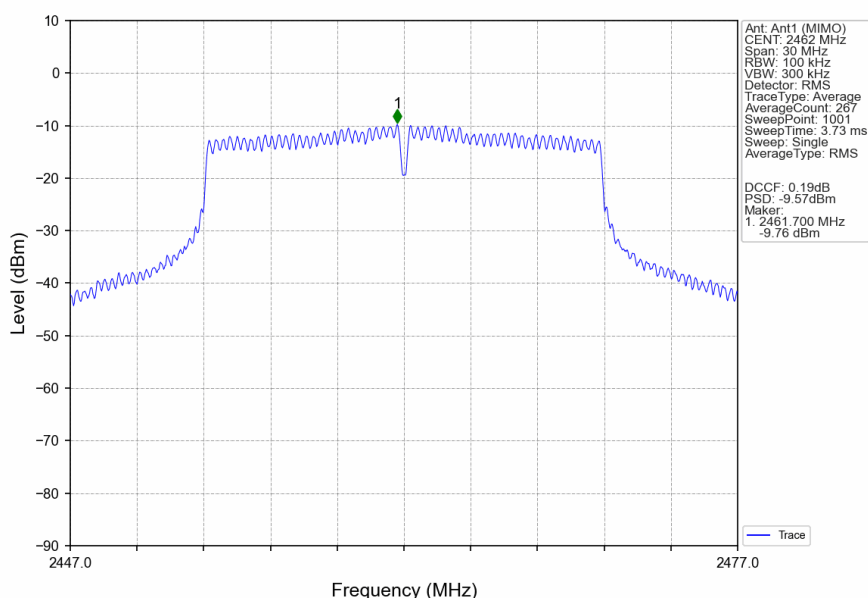
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802.11n(HT20)_HCH_2462MHz_Ant1 (MIMO)_NTNV



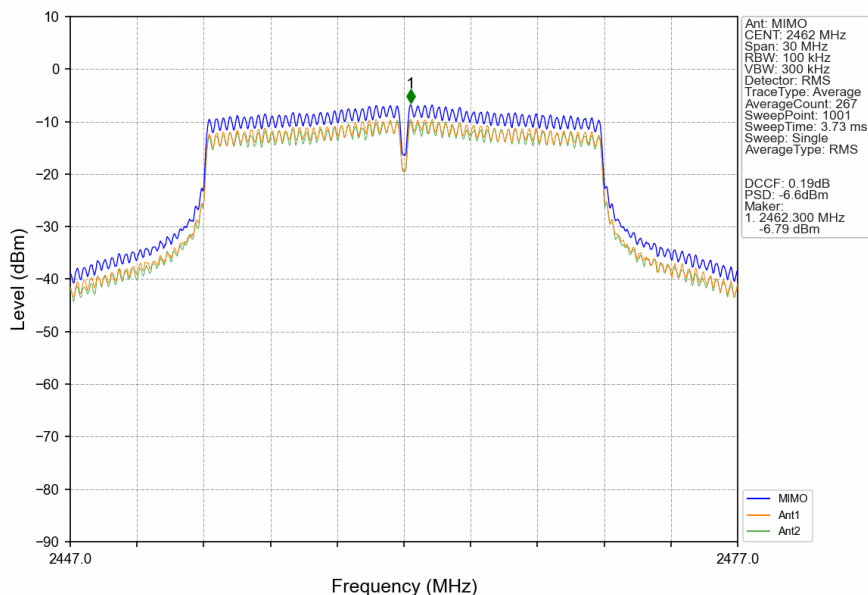
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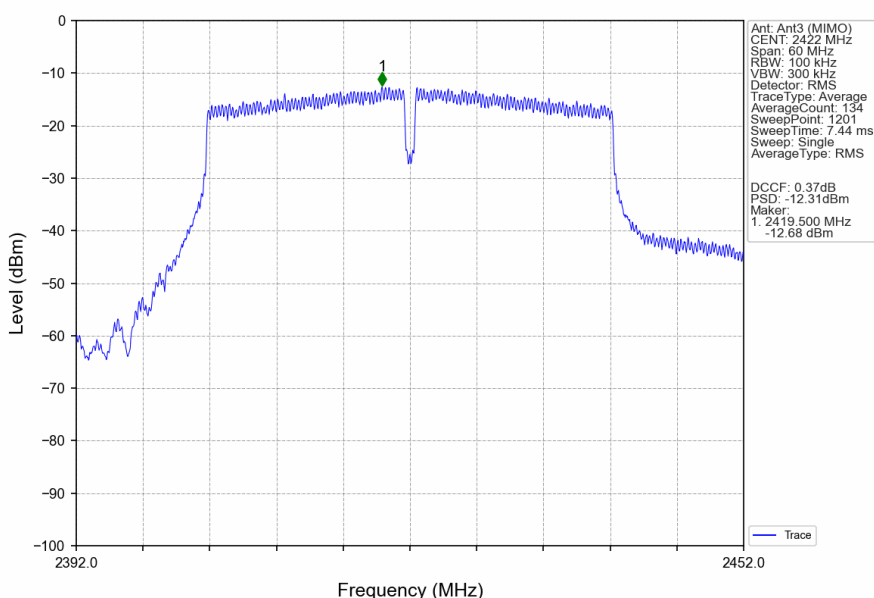
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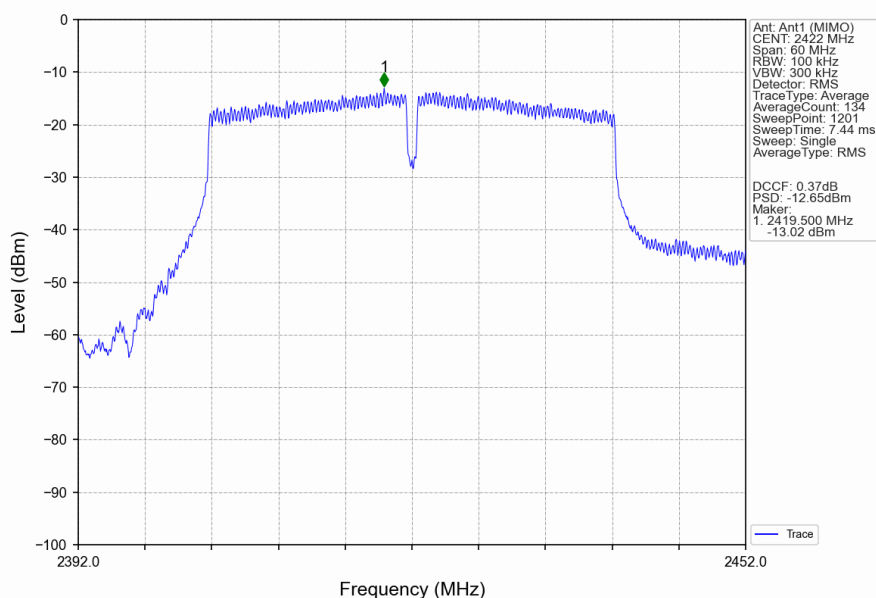
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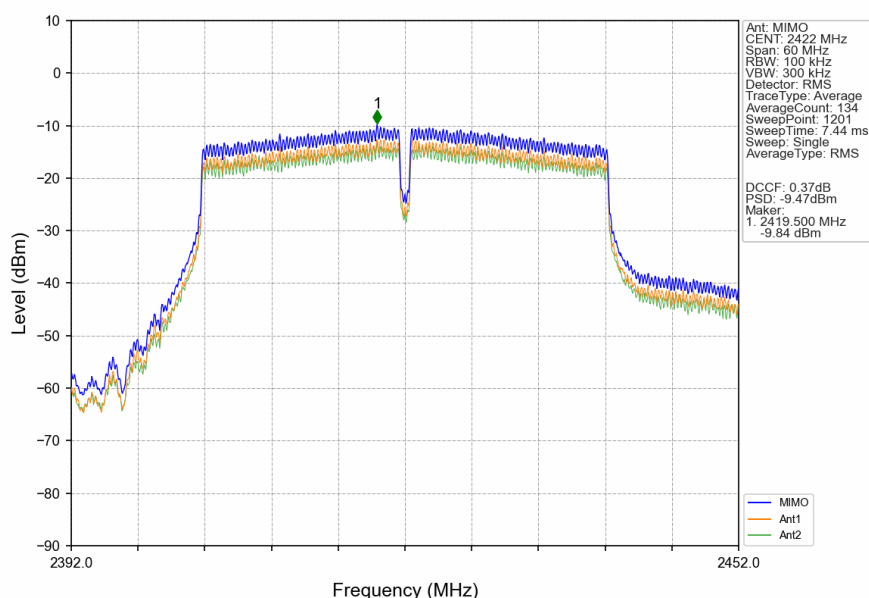
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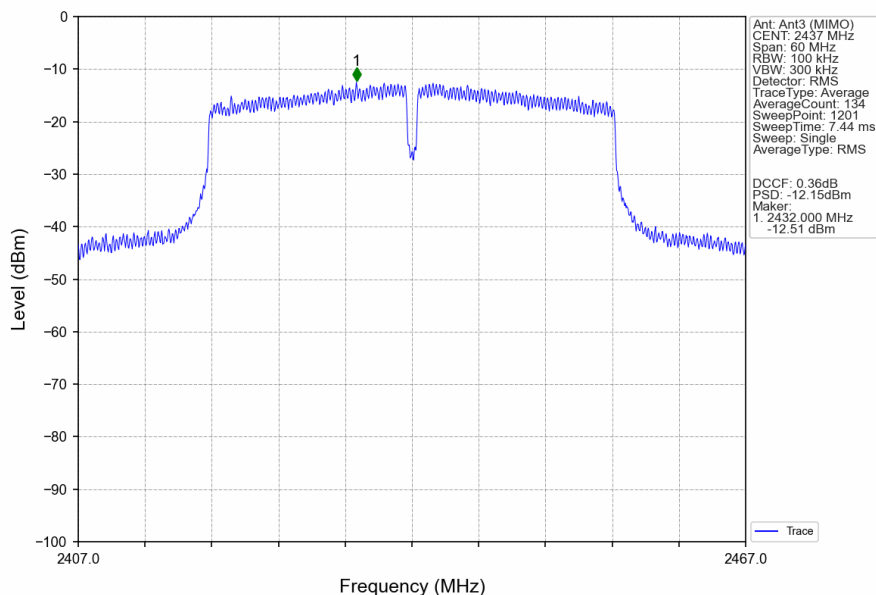
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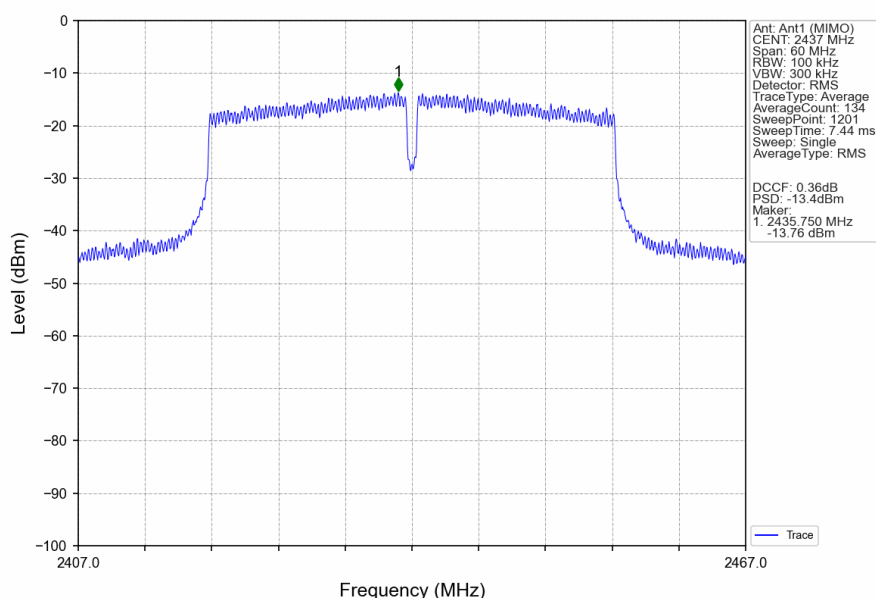
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802.11n(HT40)_MCH_2437MHz_Ant3 (MIMO)_NTNV



802.11n(HT40)_MCH_2437MHz_Ant1 (MIMO)_NTNV

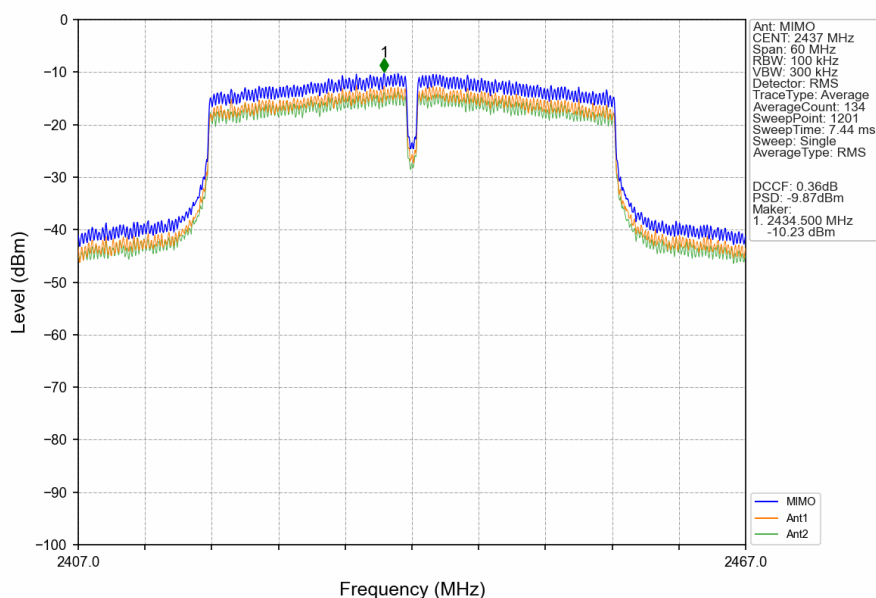


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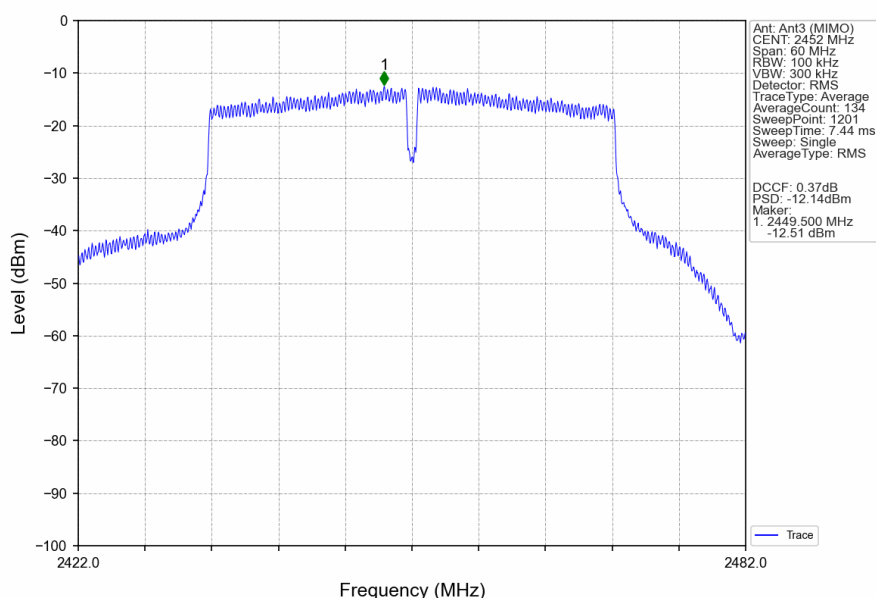
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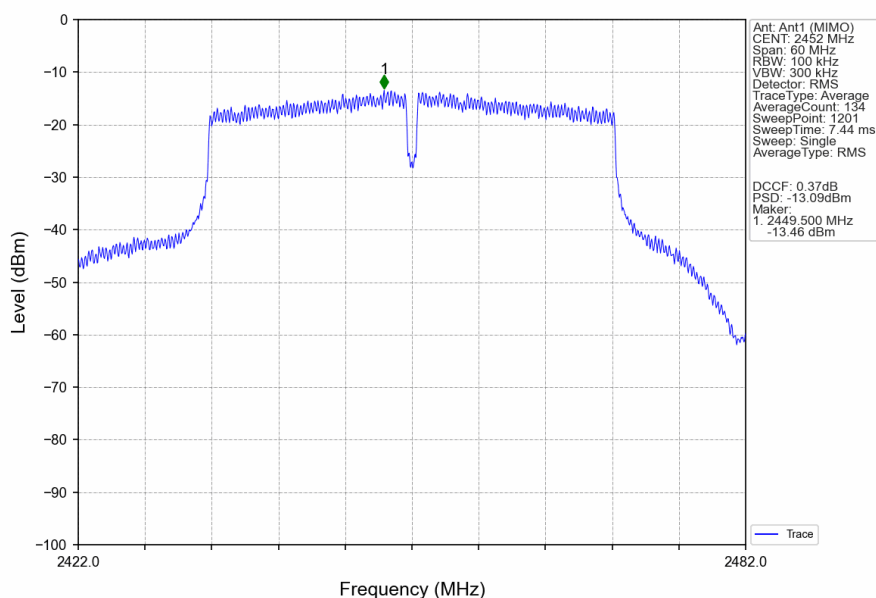
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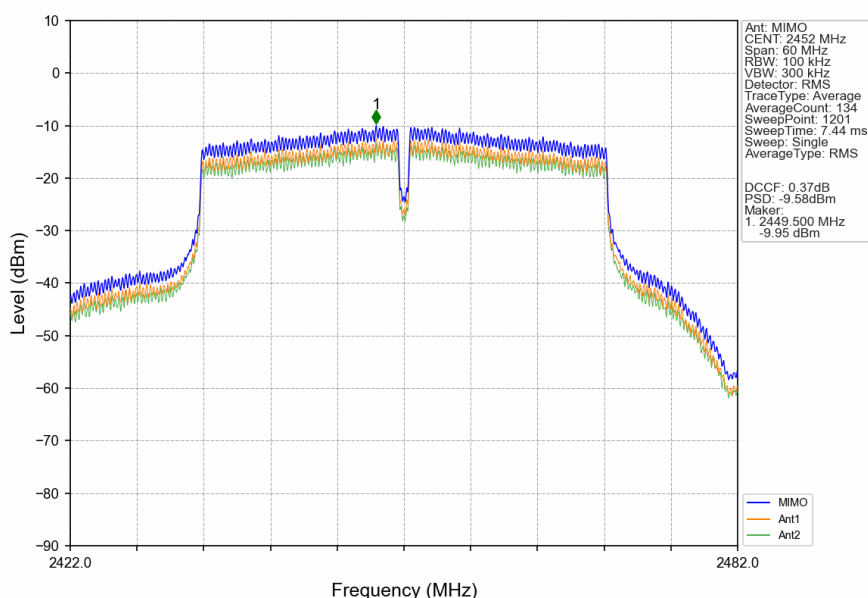
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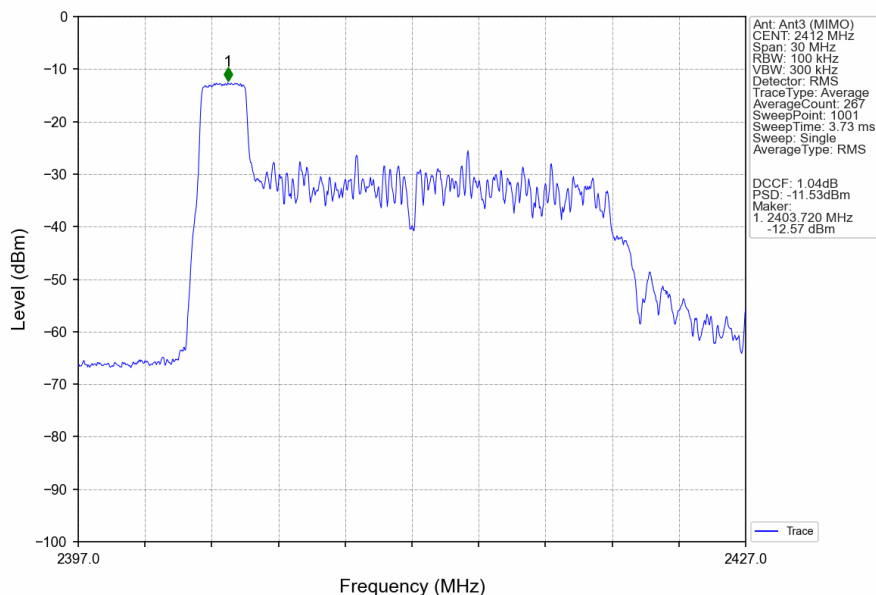
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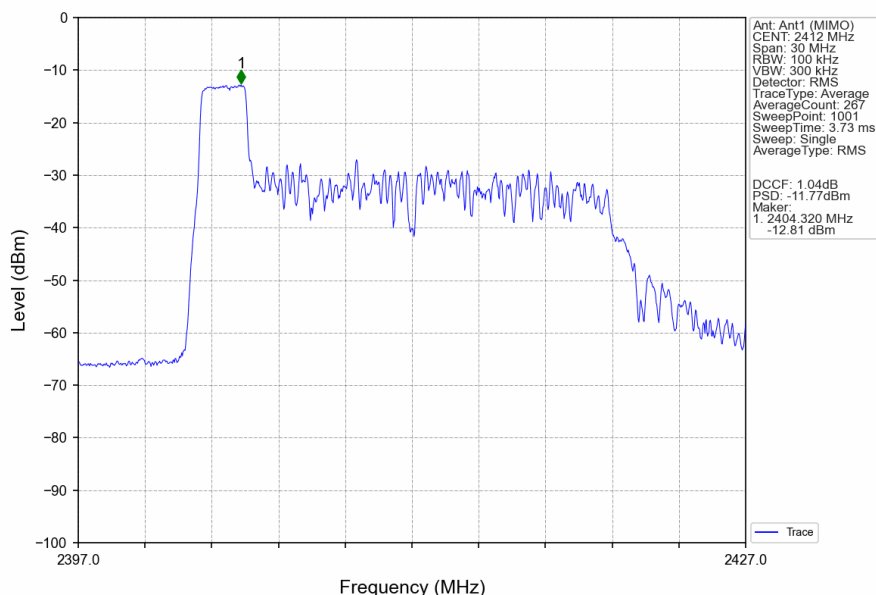
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802.11ax(HEW20)_LCH_2412MHz_RU26_Left_Ant3 (MIMO)_NTNV



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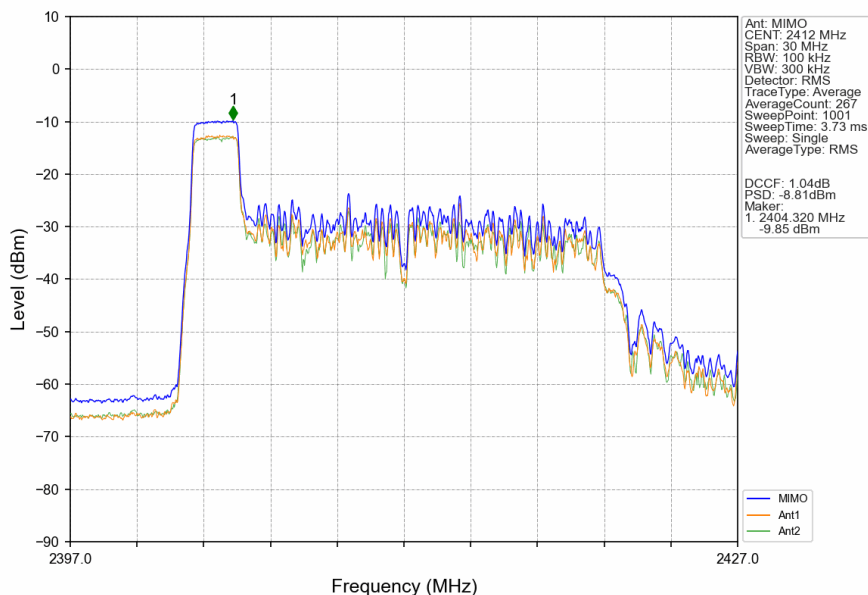
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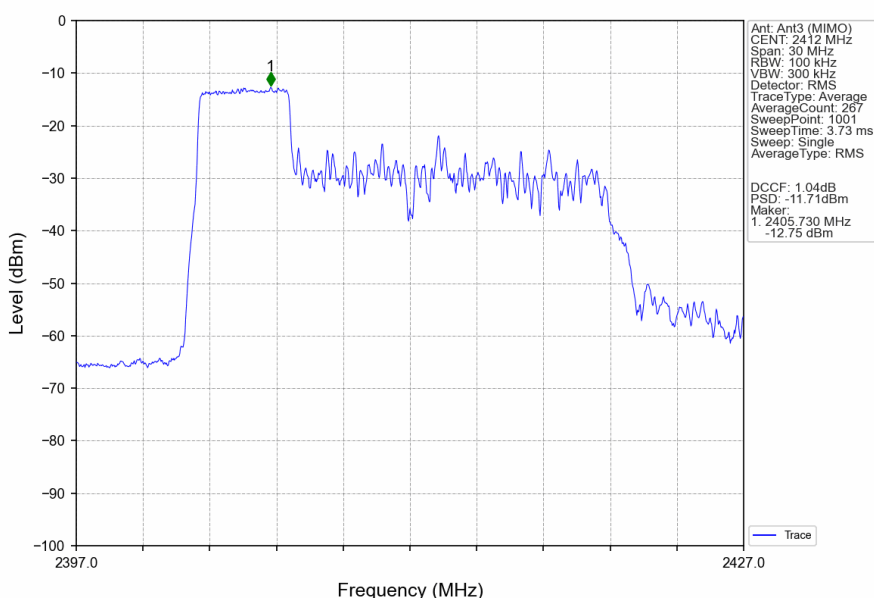
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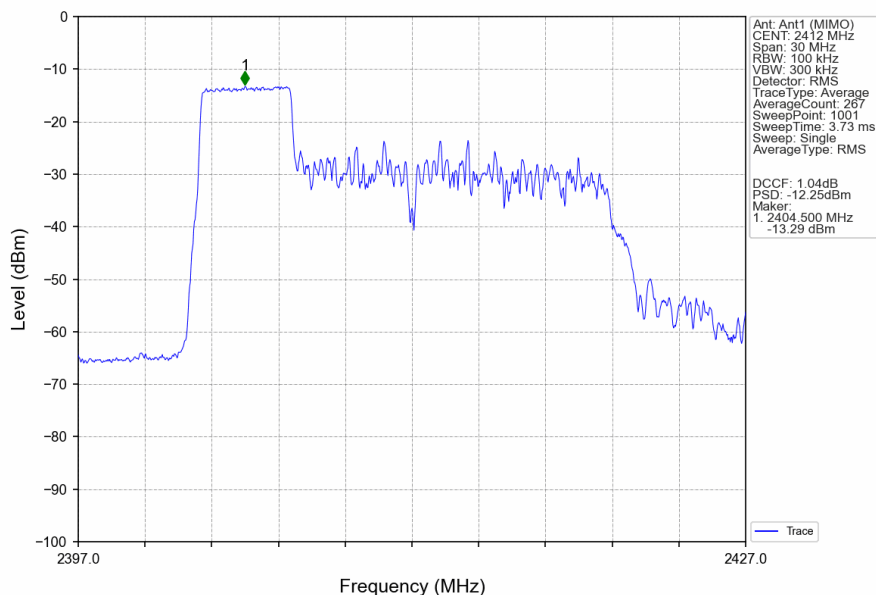
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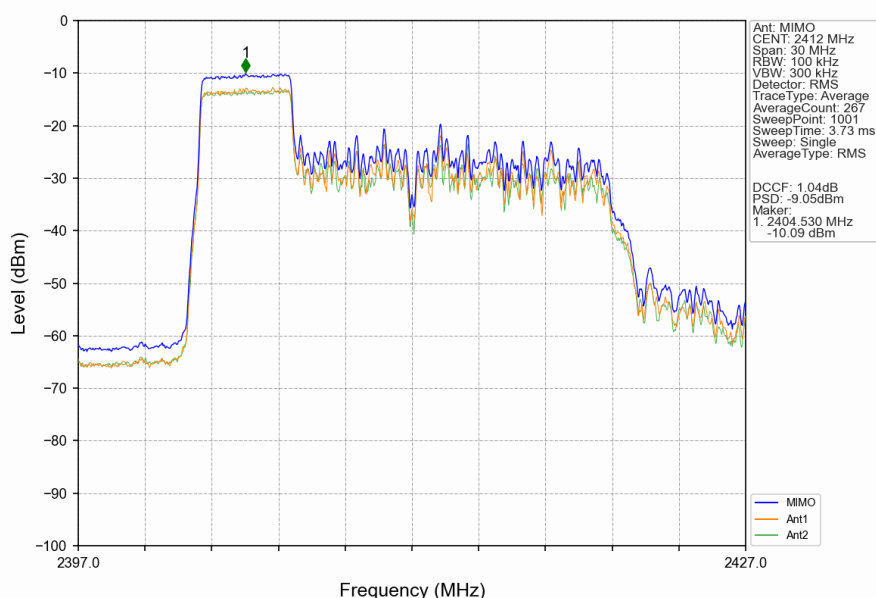
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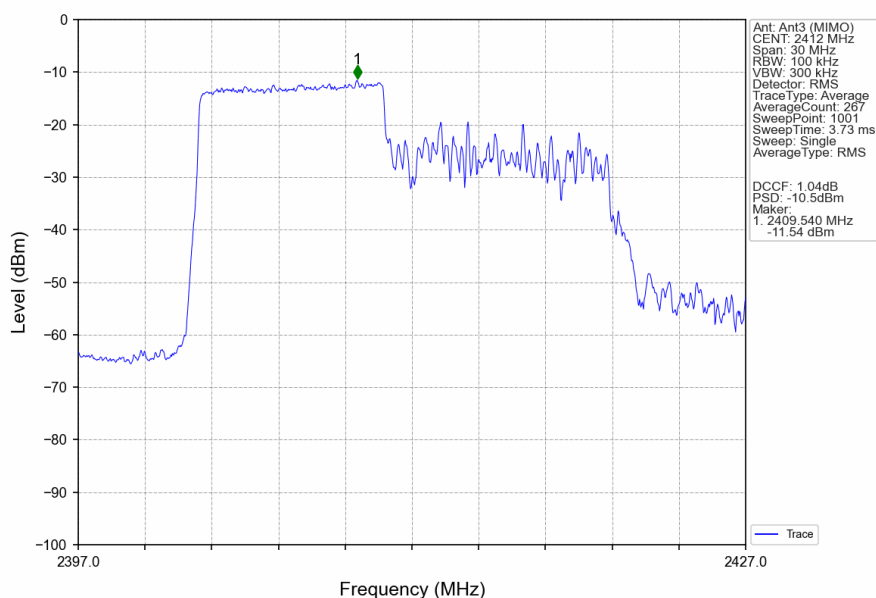
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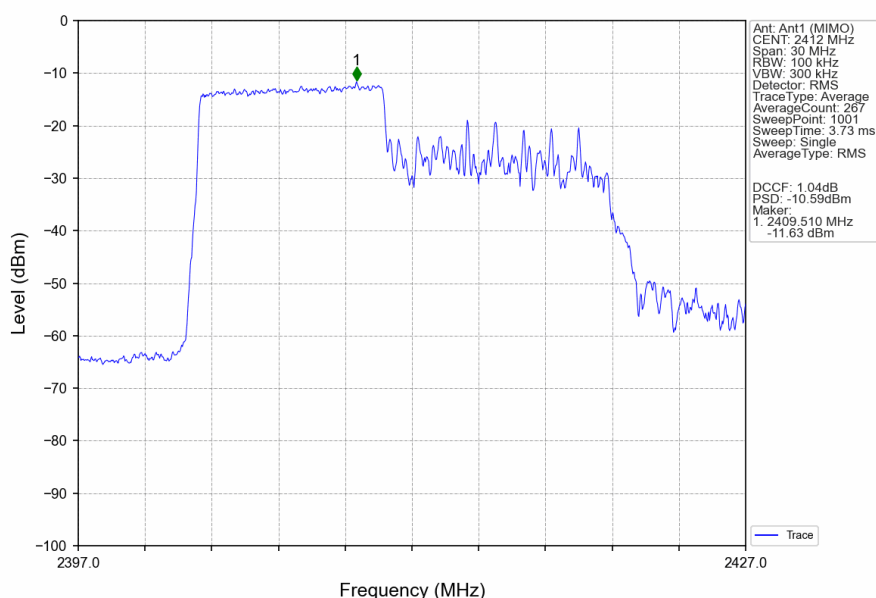
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802.11ax(HEW20)_LCH_2412MHz_RU106_Left_Ant3 (MIMO)_NTNV



802.11ax(HEW20)_LCH_2412MHz_RU106_Left_Ant1 (MIMO)_NTNV

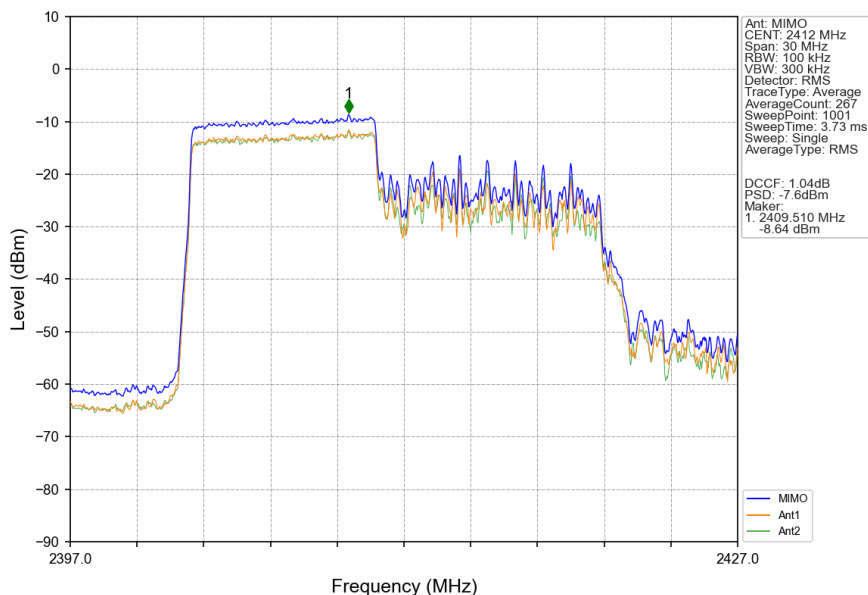


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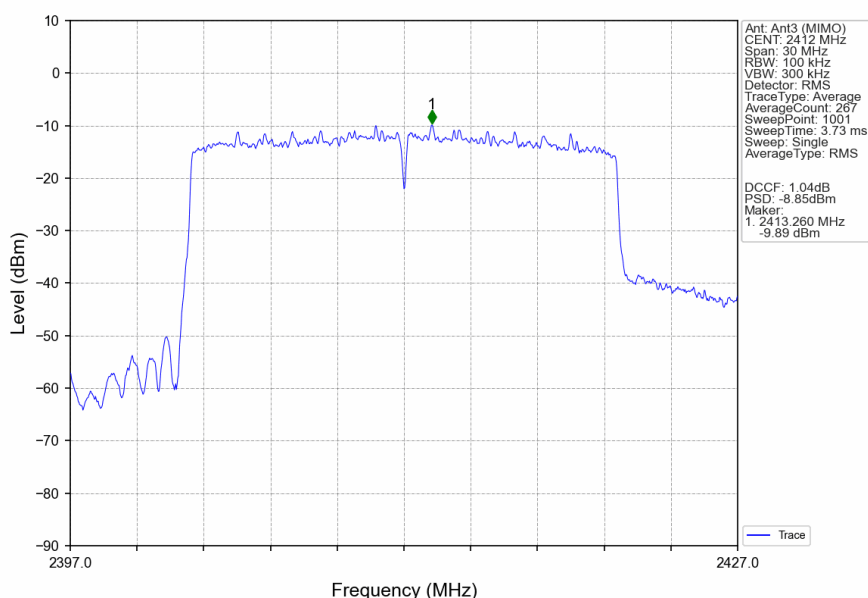
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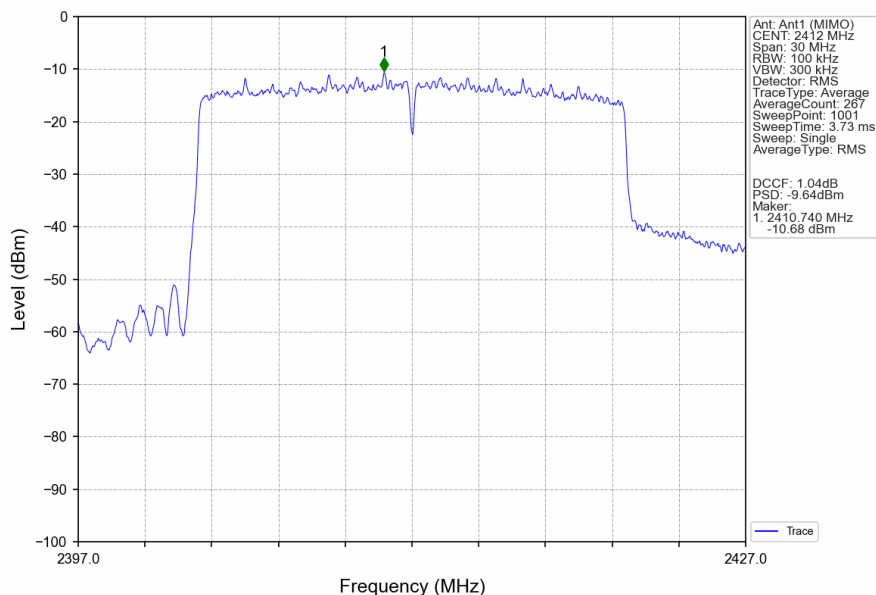
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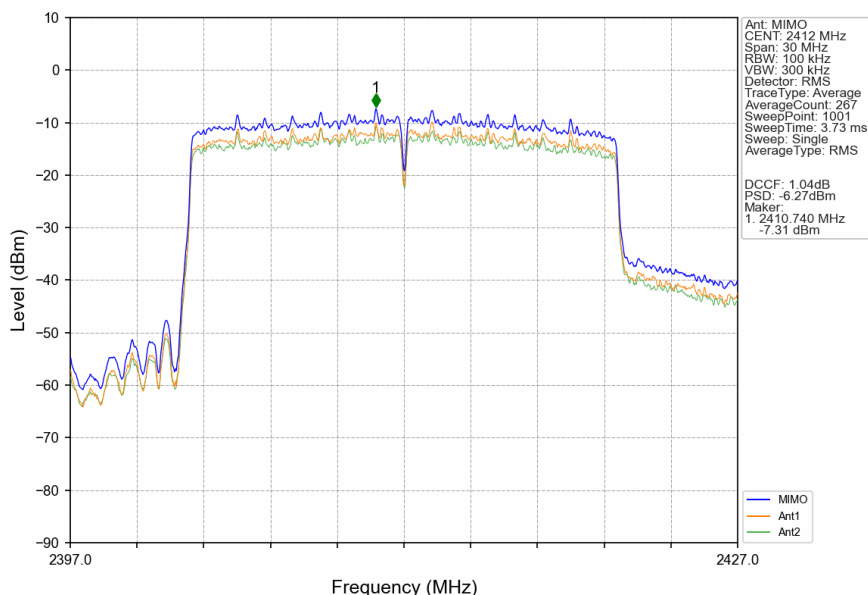
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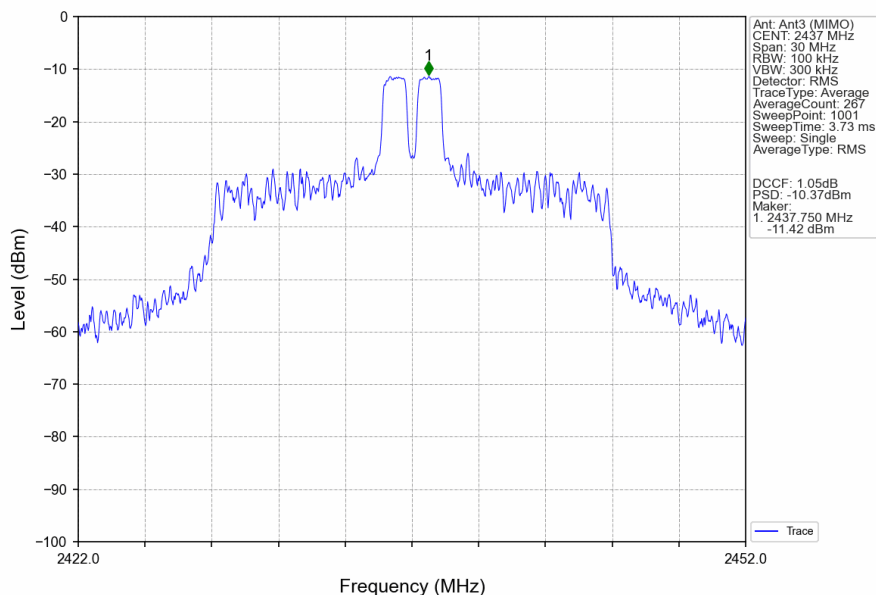
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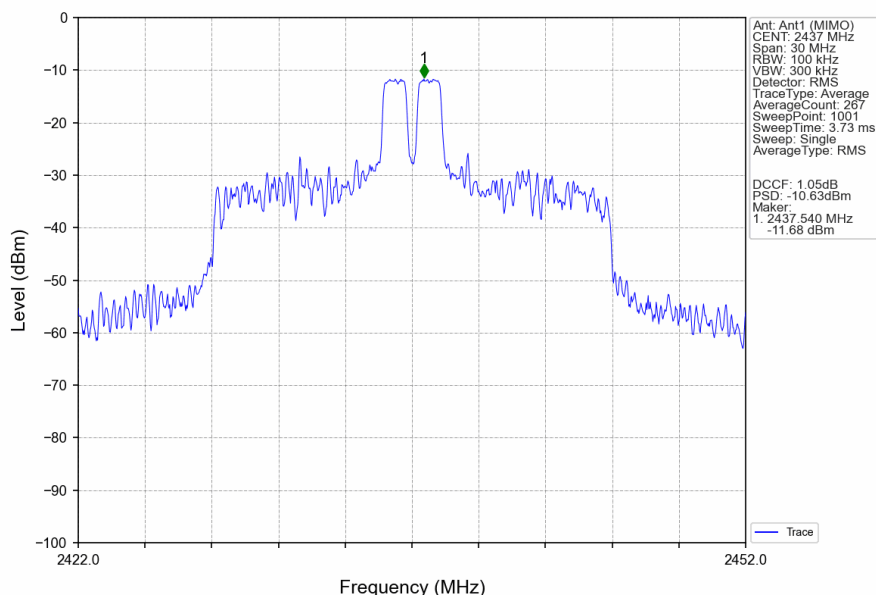
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802.11ax(HEW20)_MCH_2437MHz_RU26_Mid_Ant3 (MIMO)_NTNW



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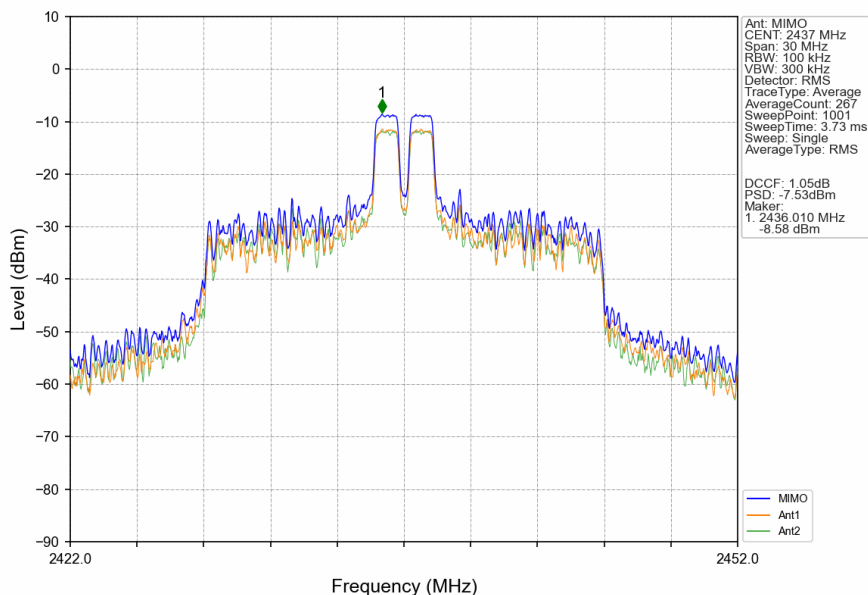
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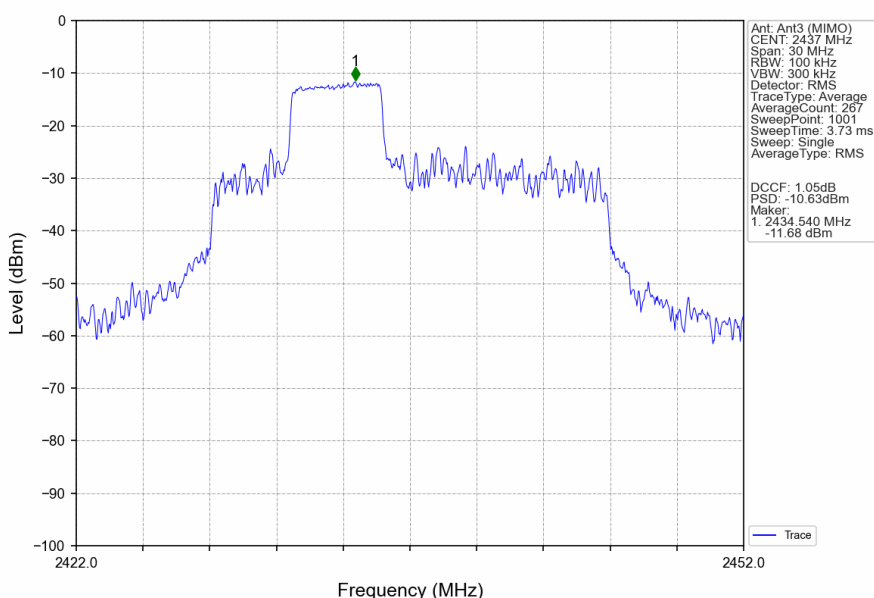
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802.11ax(HEW20)_MCH_2437MHz_RU52_Mid_Ant3 (MIMO)_NTNV



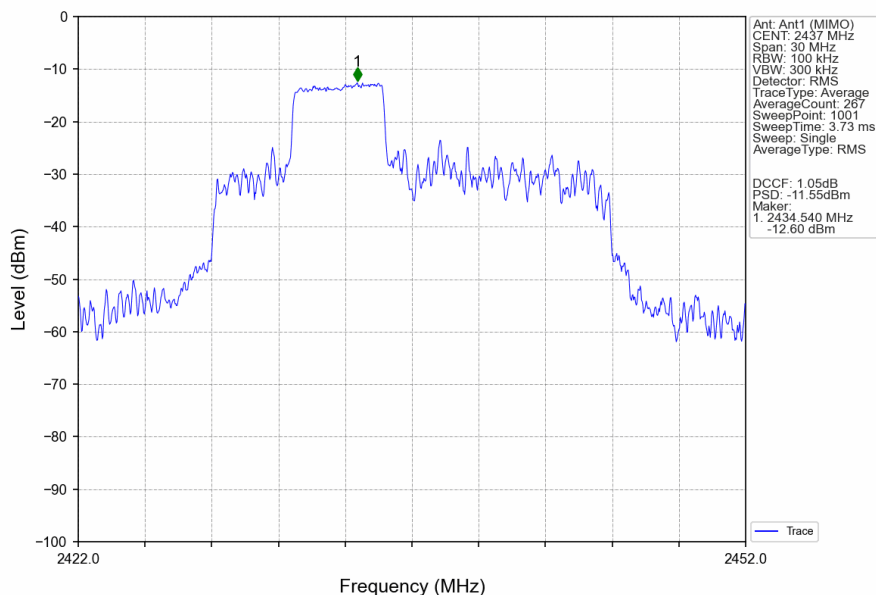
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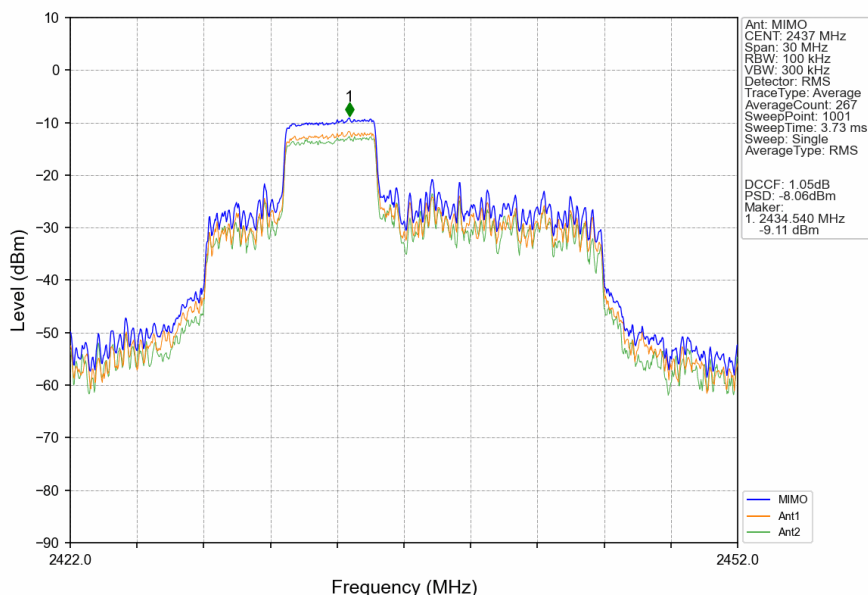
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802.11ax(HEW20)_MCH_2437MHz_RU52_Mid_Ant1 (MIMO)_NTNV



802.11ax(HEW20)_MCH_2437MHz_RU52_Mid_MIMO_NTNV



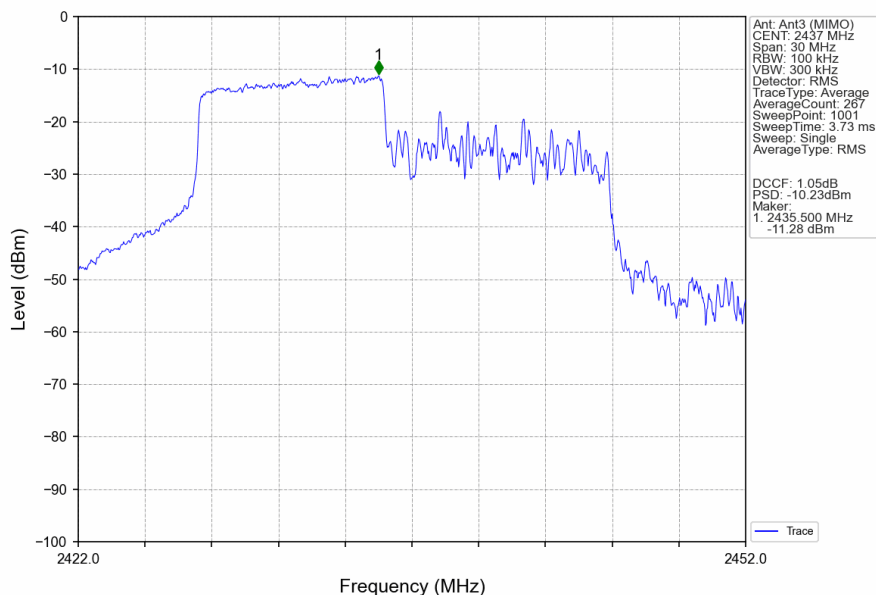
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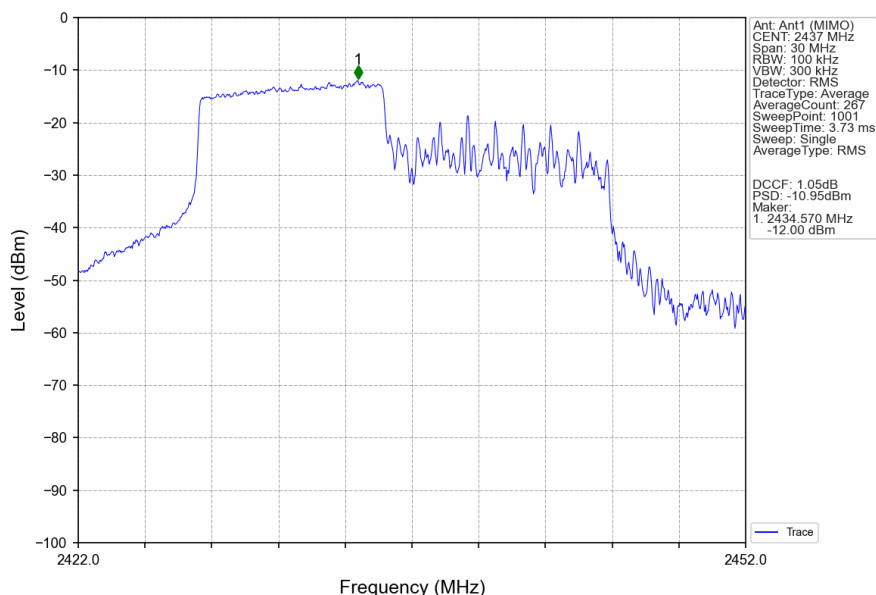
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802.11ax(HEW20)_MCH_2437MHz_RU106_Left_Ant1 (MIMO)_NTNV

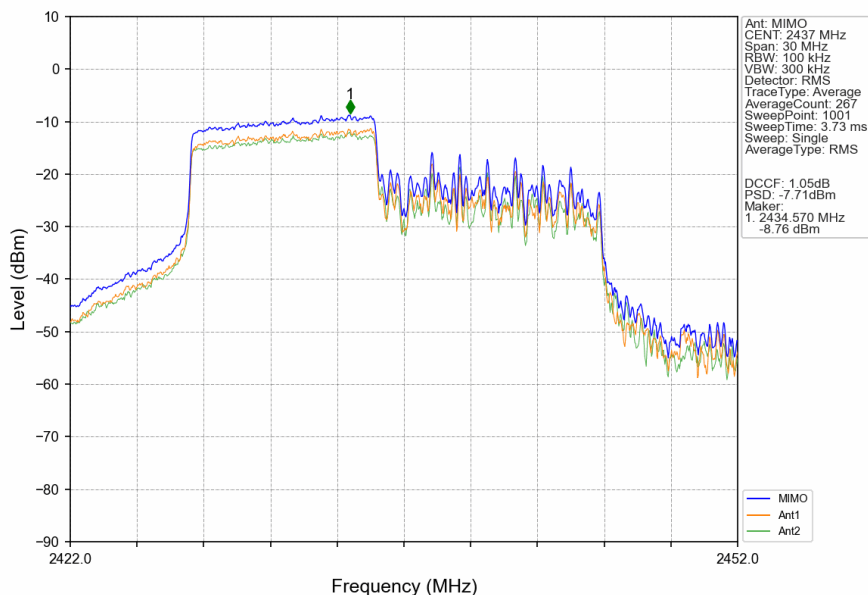


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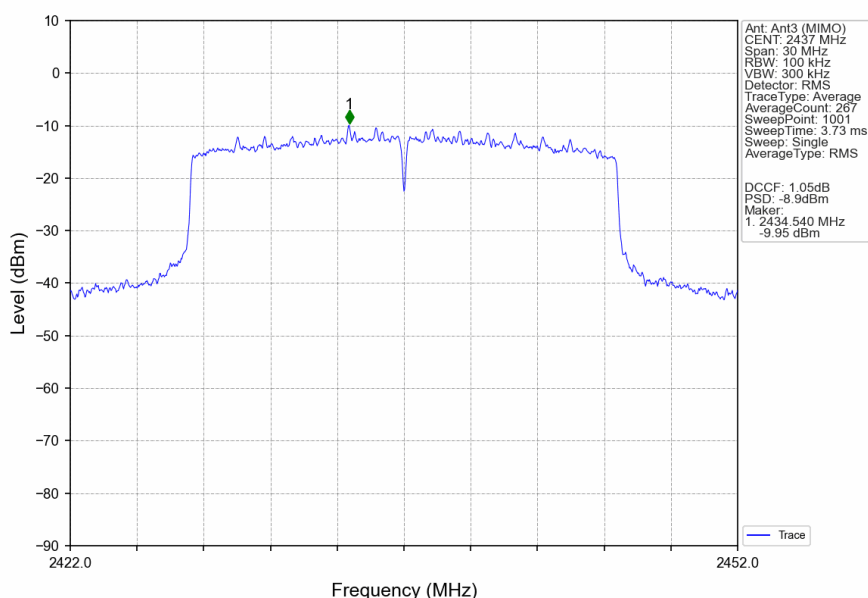
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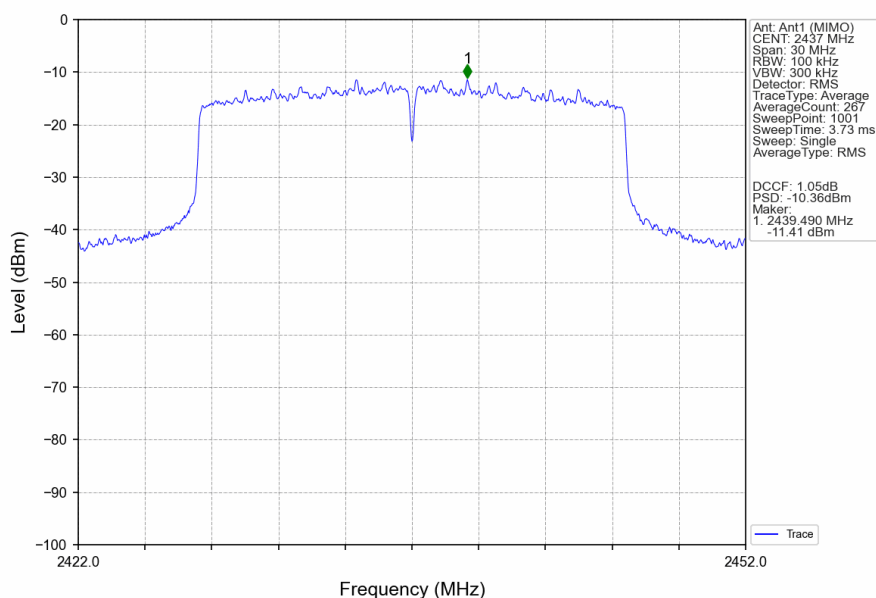
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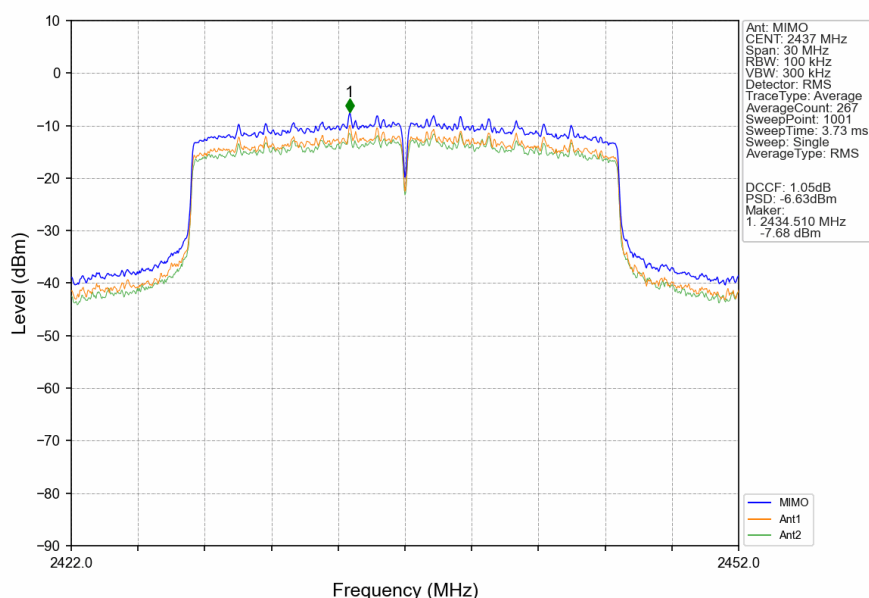
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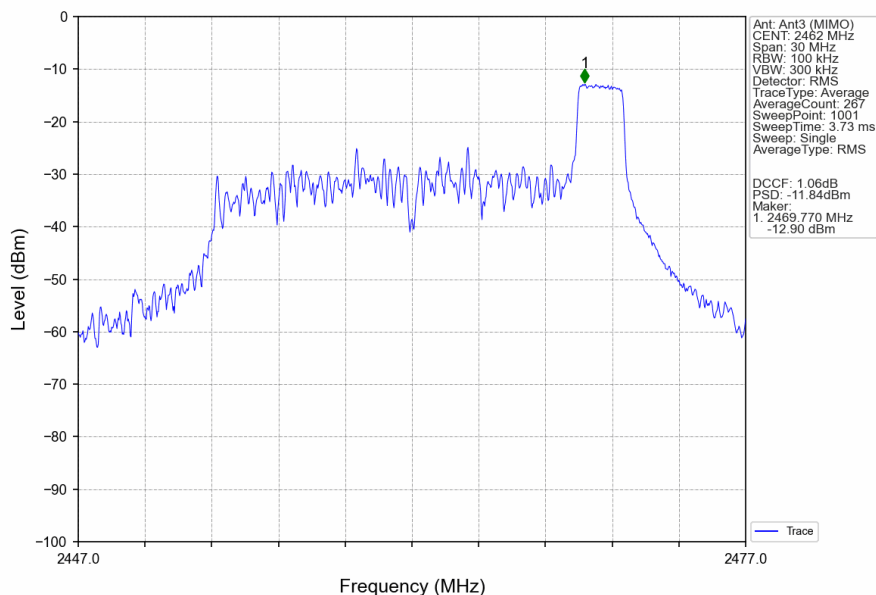
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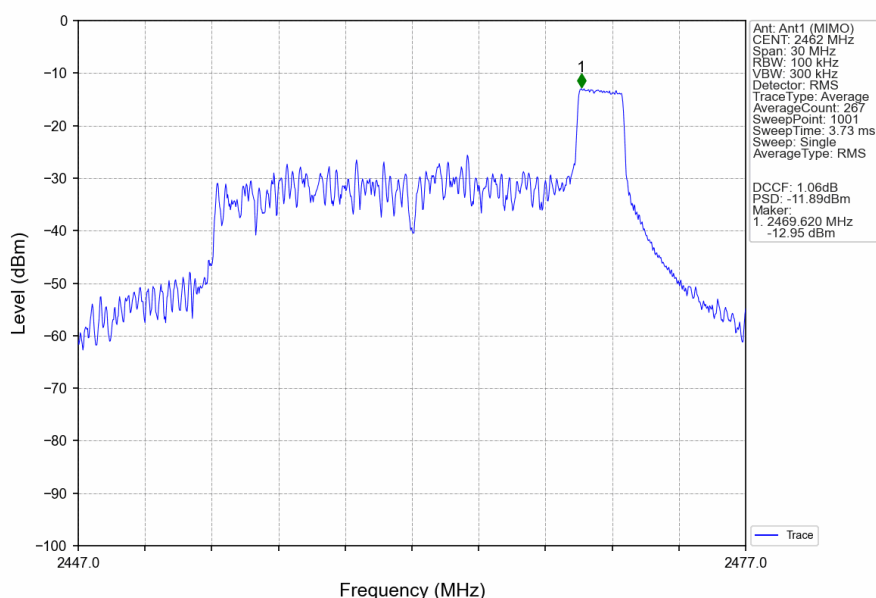
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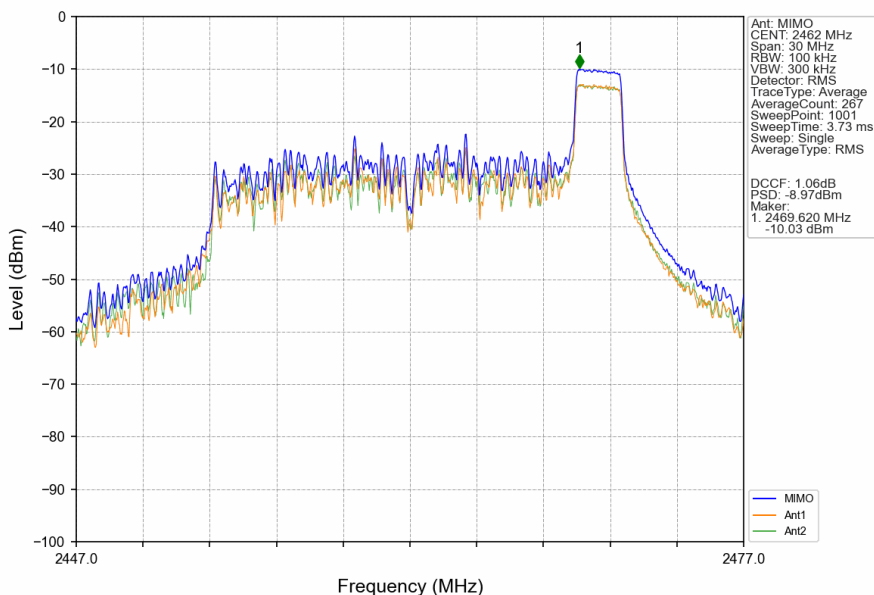


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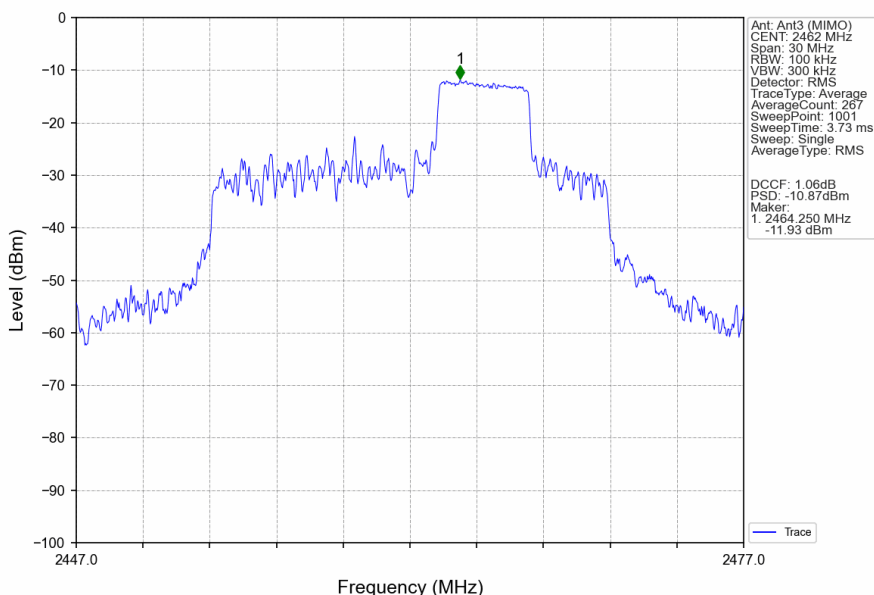
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802.11ax(HEW20)_HCH_2462MHz_RU52_Right_Ant3 (MIMO)_NTNV



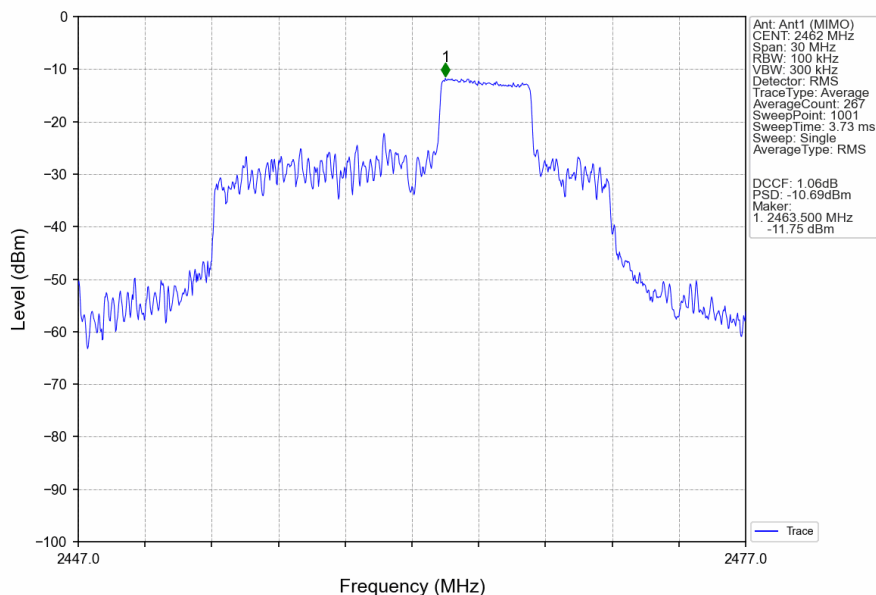
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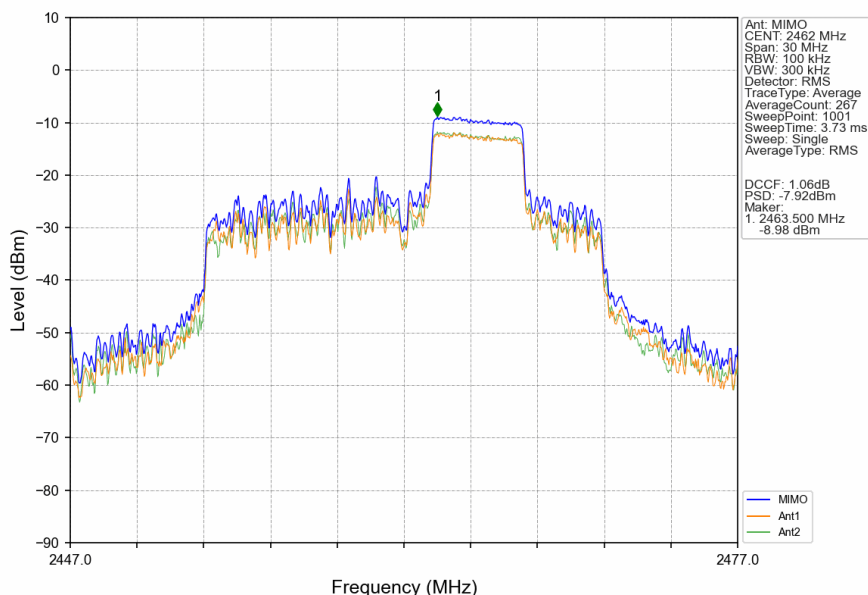
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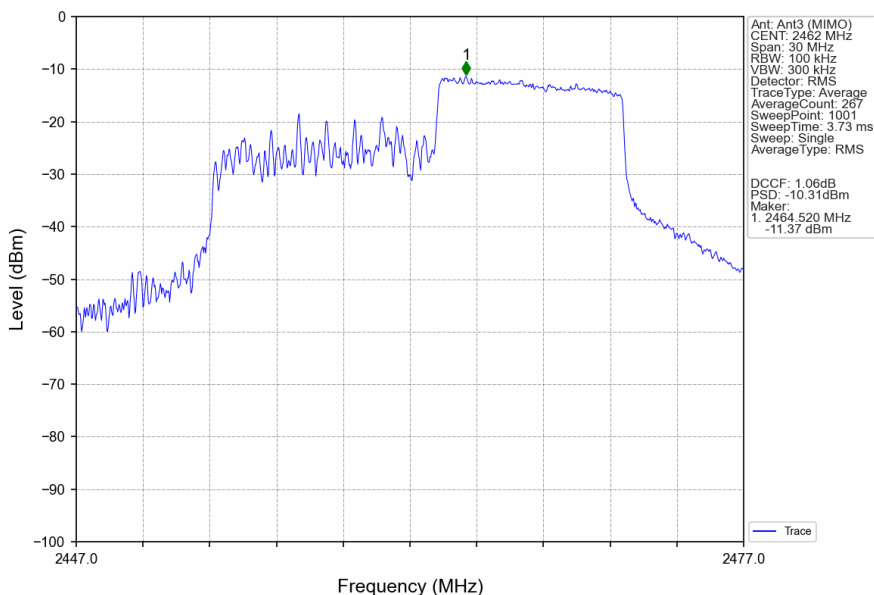
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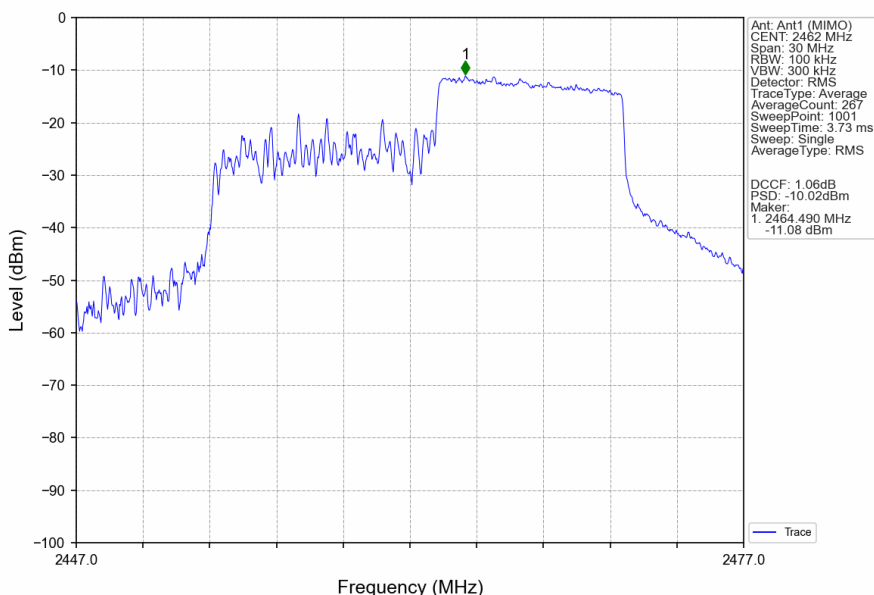
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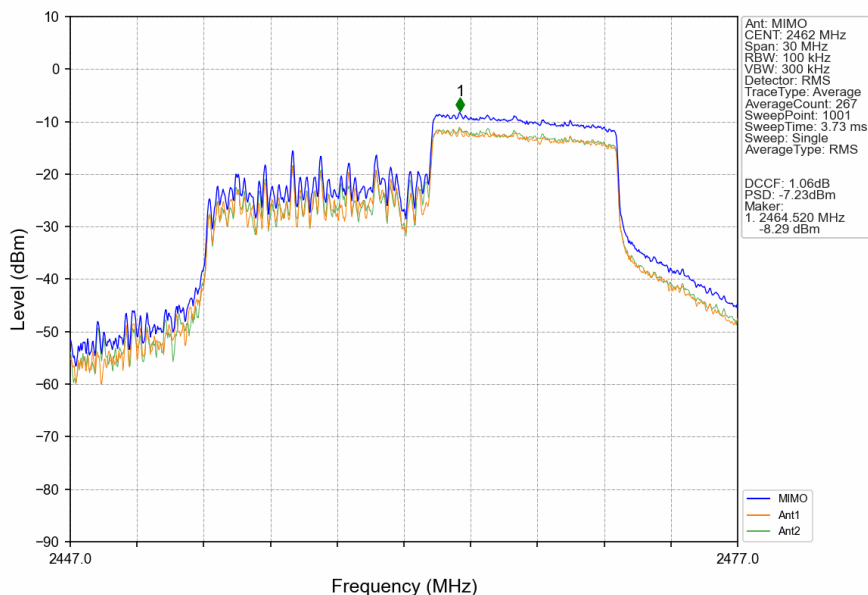
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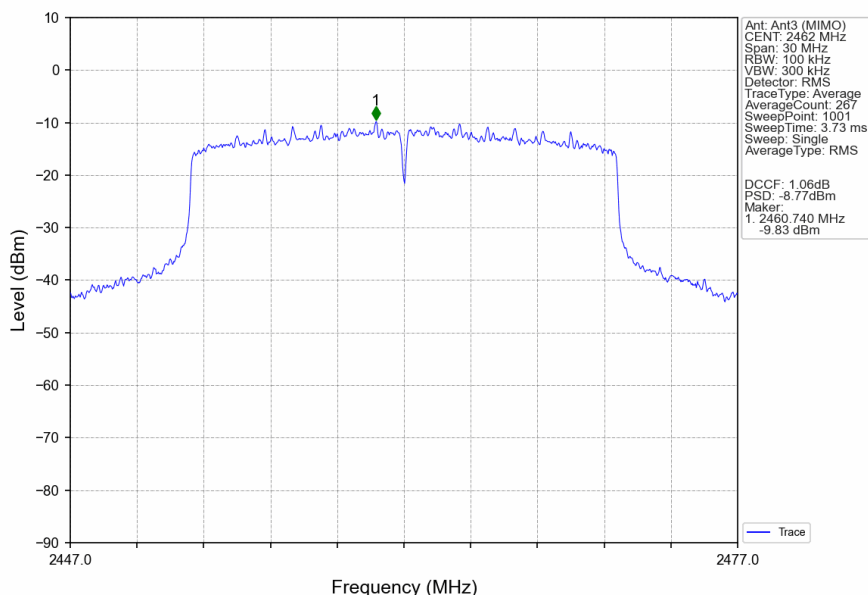
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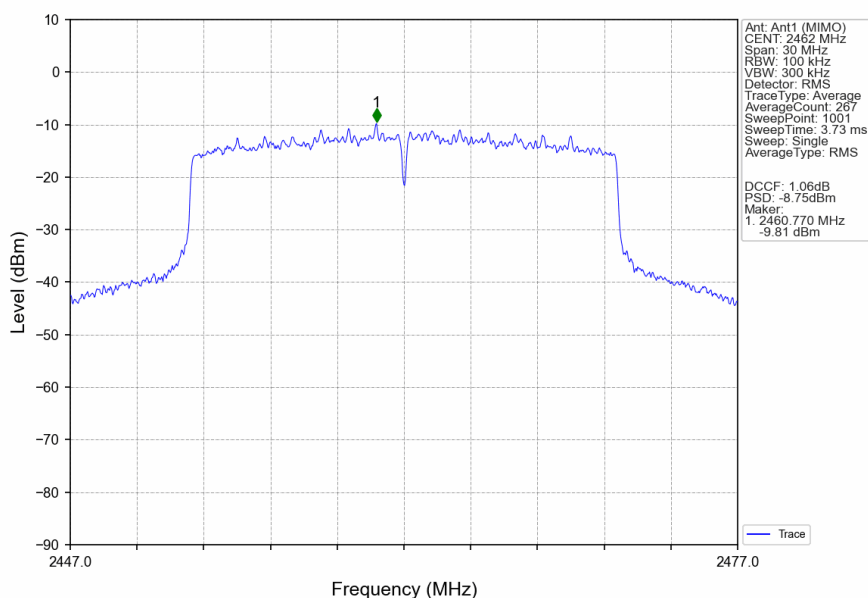
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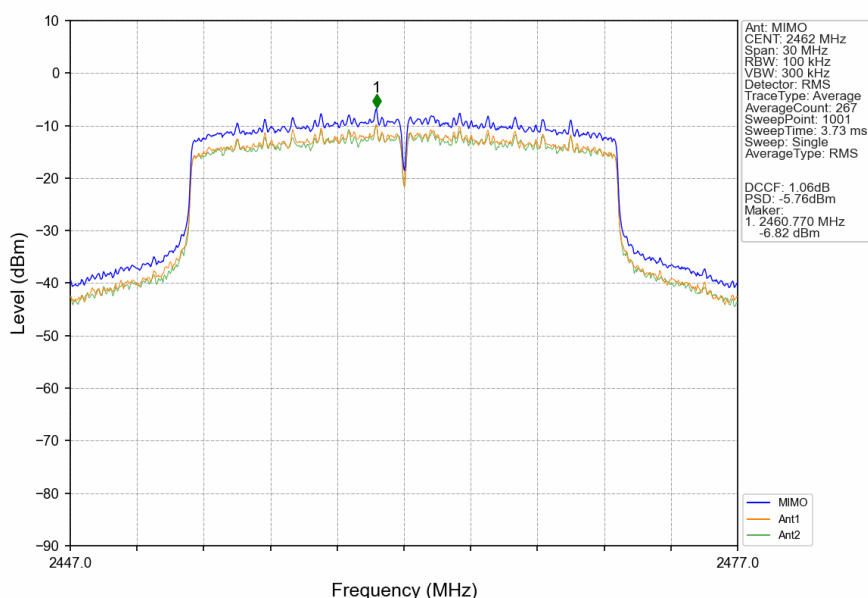
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802.11ax(HEW20)_HCH_2462MHz_SU_/_MIMO_NTNV

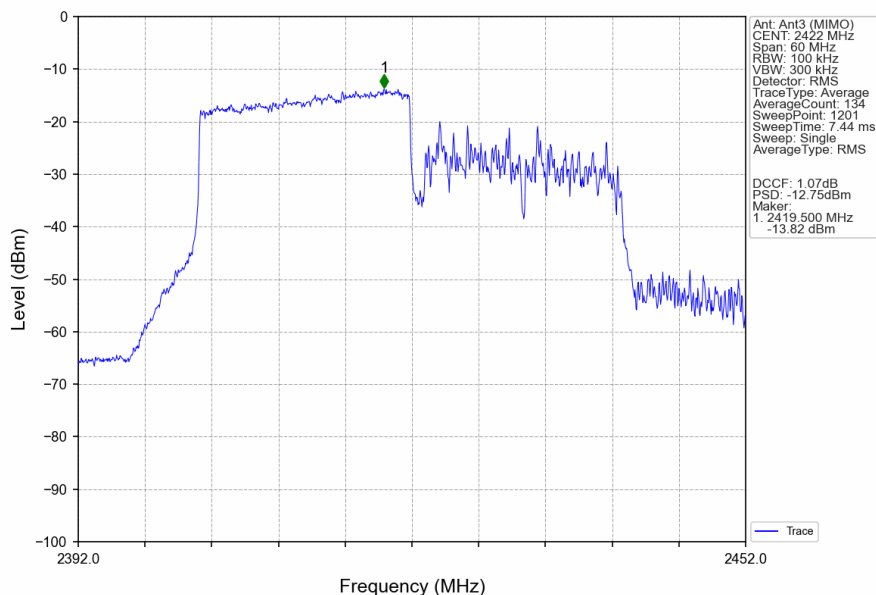


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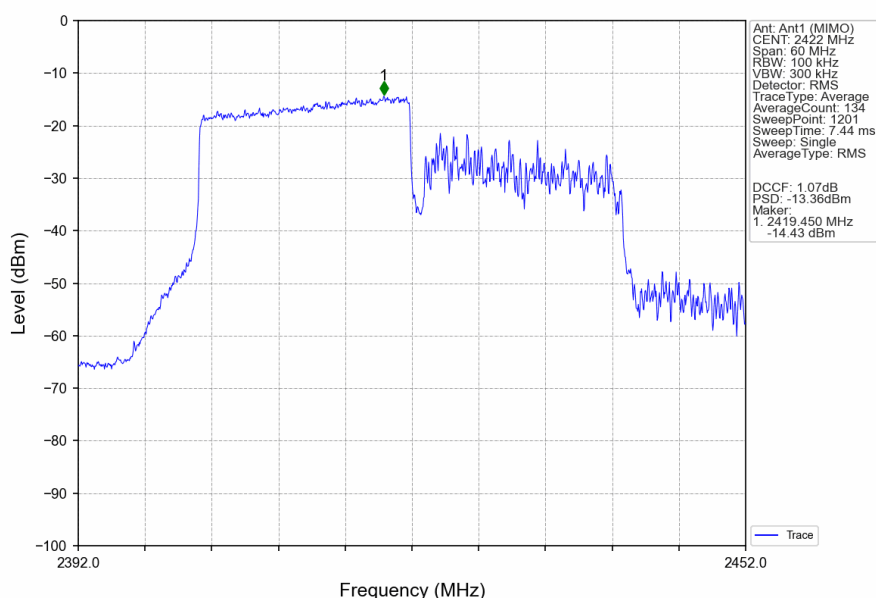
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802.11ax(HEW40)_LCH_2422MHz_RU242_Left_Ant3 (MIMO)_NTNV



802.11ax(HEW40)_LCH_2422MHz_RU242_Left_Ant1 (MIMO)_NTNV

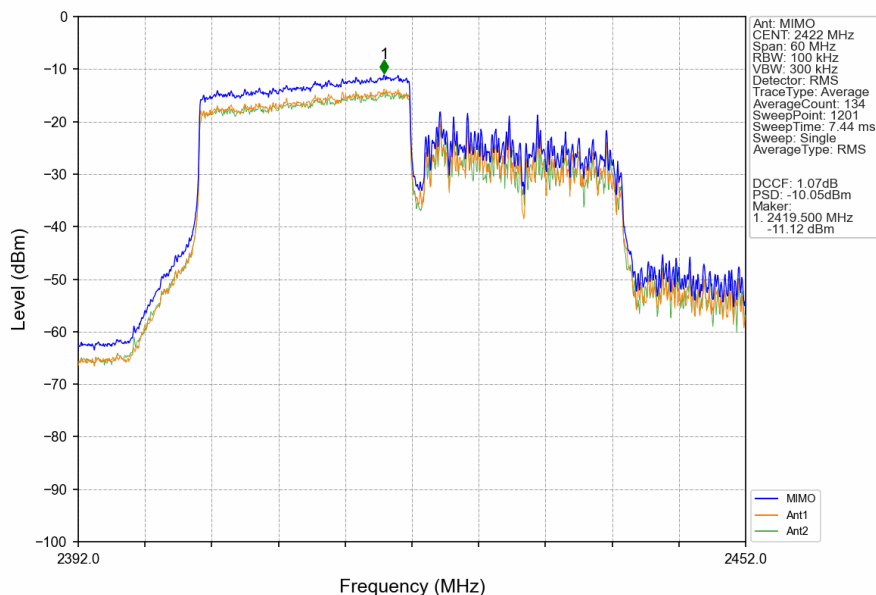


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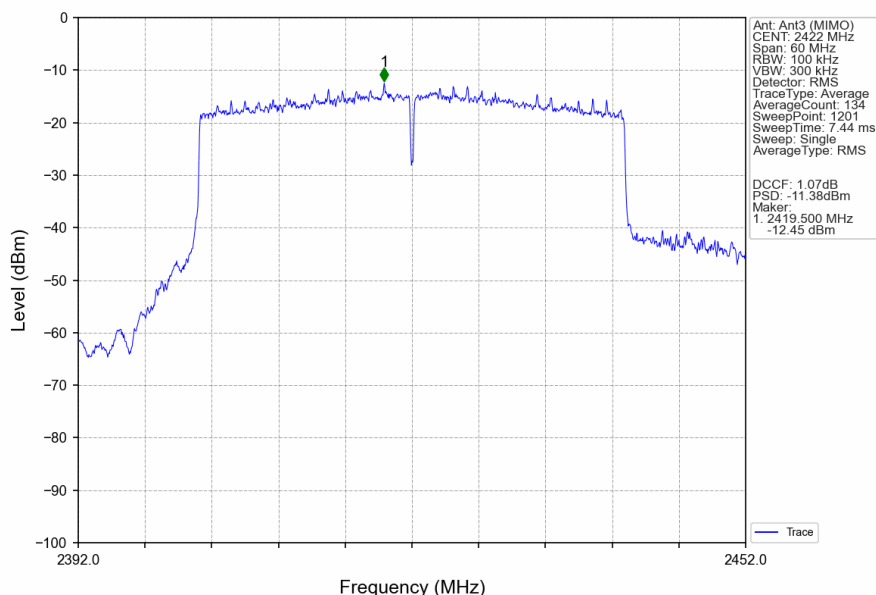
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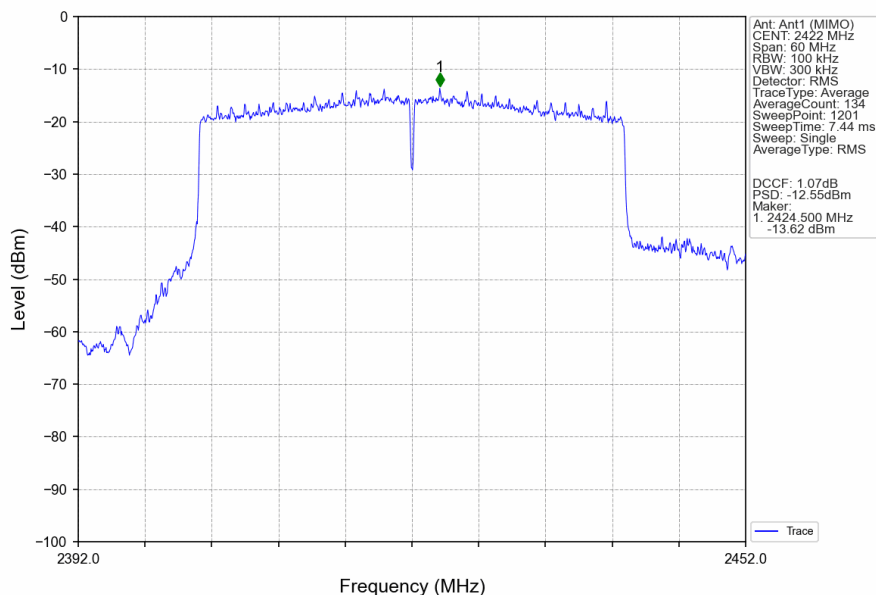
802.11ax(HEW40)_LCH_2422MHz_RU242_Left_MIMO_NTNV



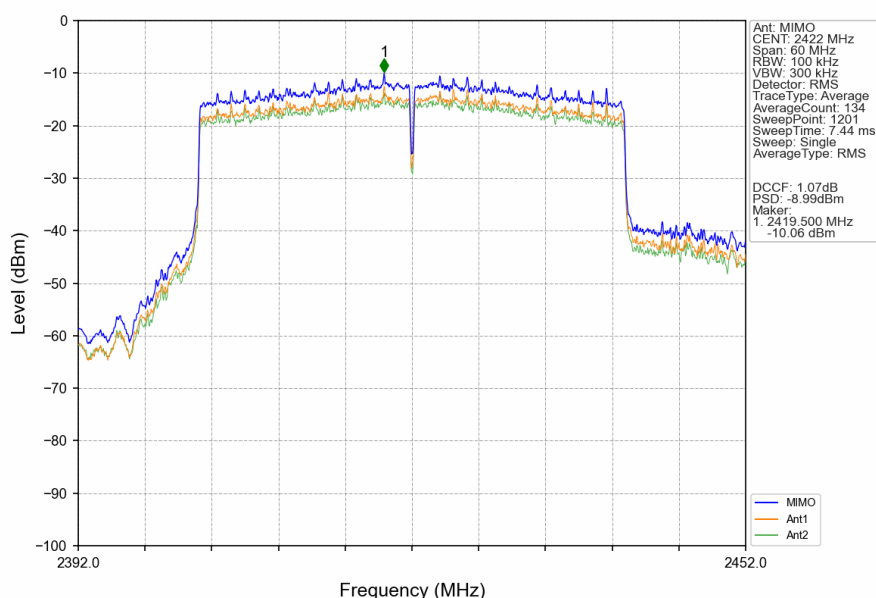
802.11ax(HEW40)_LCH_2422MHz_SU / _Ant3 (MIMO)_NTNV



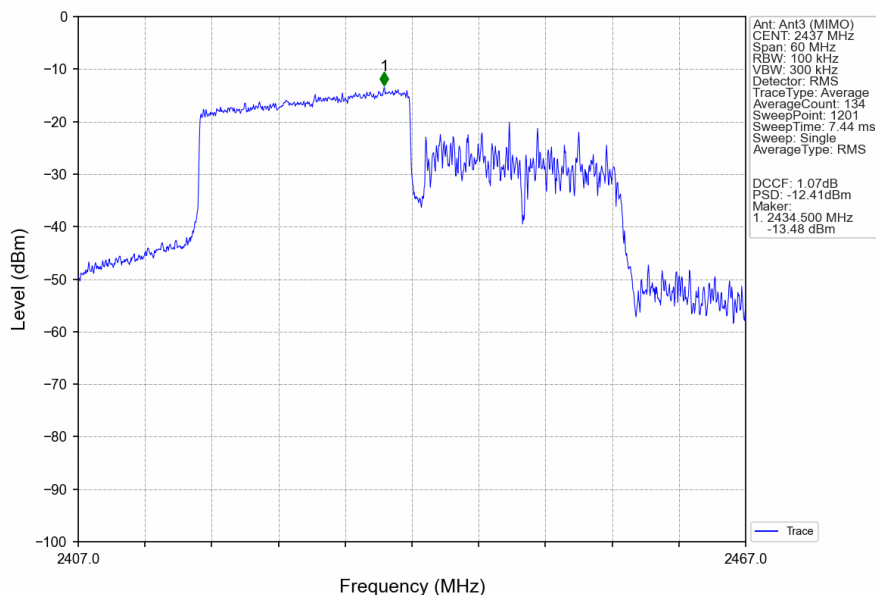
802.11ax(HEW40)_LCH_2422MHz_SU_/_Ant1 (MIMO)_NTNV



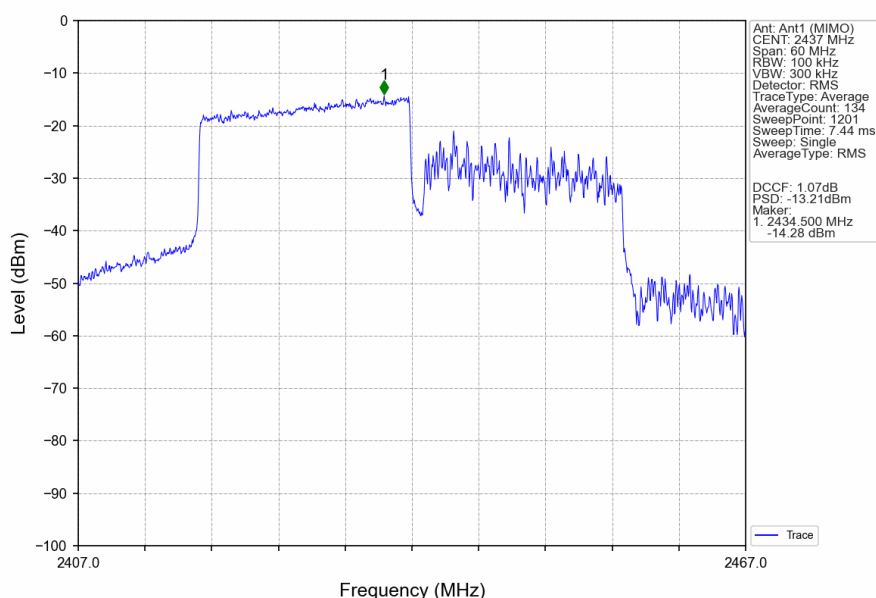
802.11ax(HEW40)_LCH_2422MHz_SU_/_MIMO_NTNV



802.11ax(HEW40)_MCH_2437MHz_RU242_Left_Ant3 (MIMO)_NTNV



802.11ax(HEW40)_MCH_2437MHz_RU242_Left_Ant1 (MIMO)_NTNV

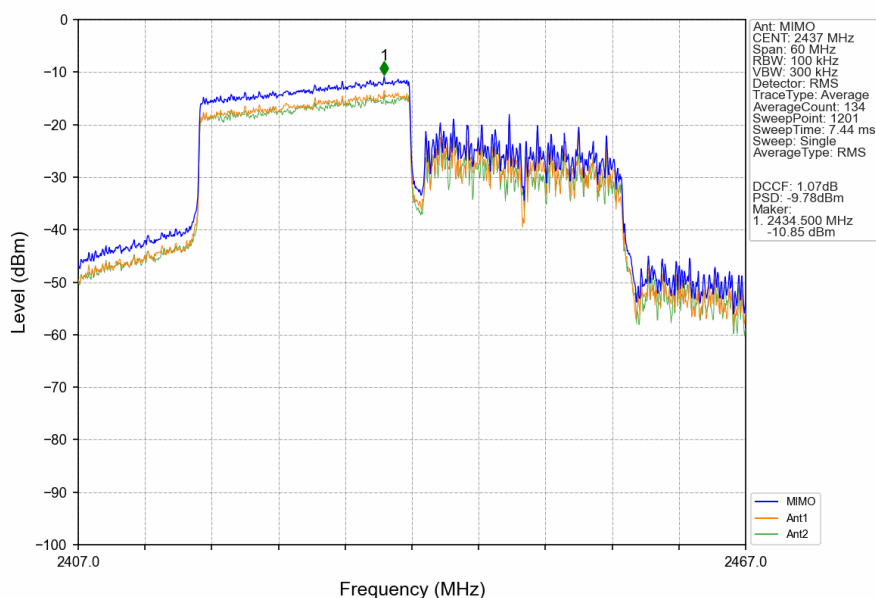


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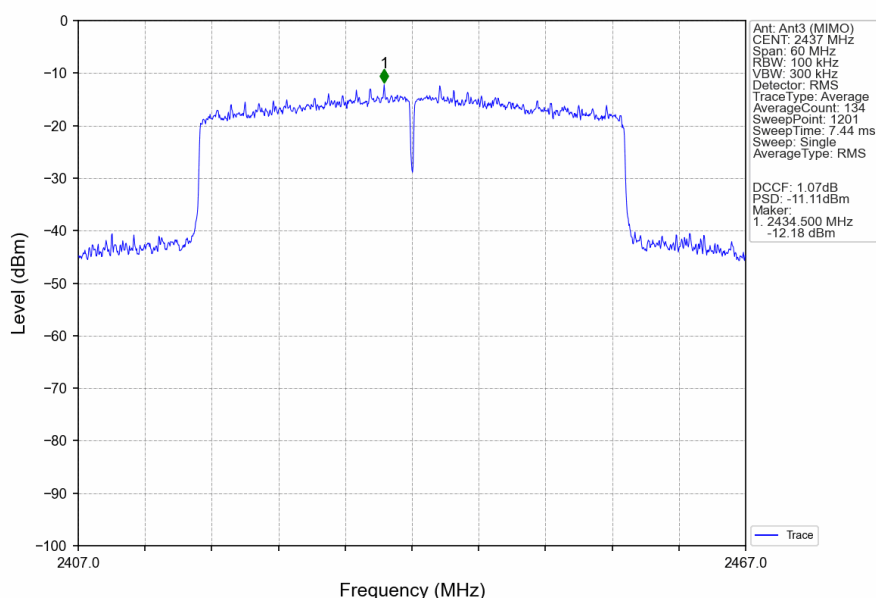
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802.11ax(HEW40)_MCH_2437MHz_RU242_Left_MIMO_NTNV



802.11ax(HEW40)_MCH_2437MHz_SU_/_Ant3 (MIMO)_NTNV



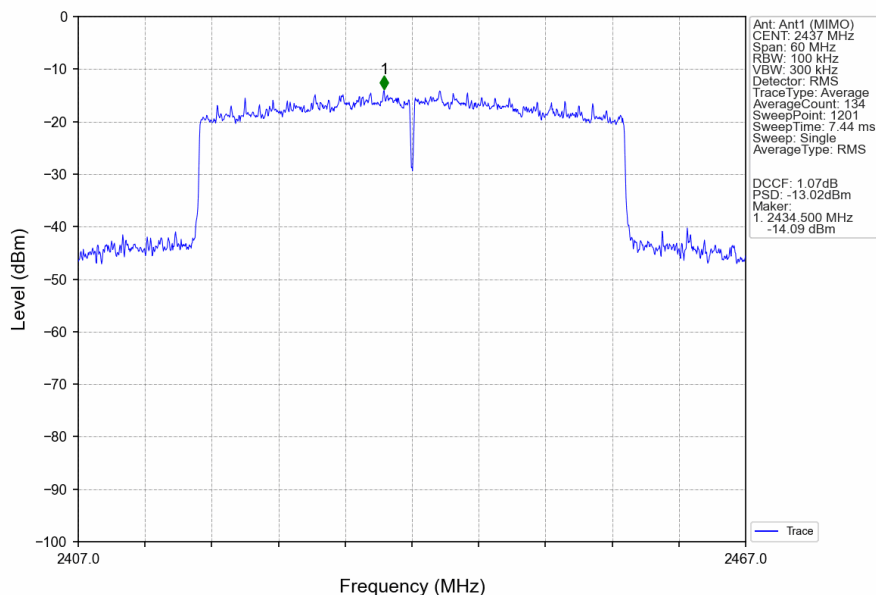
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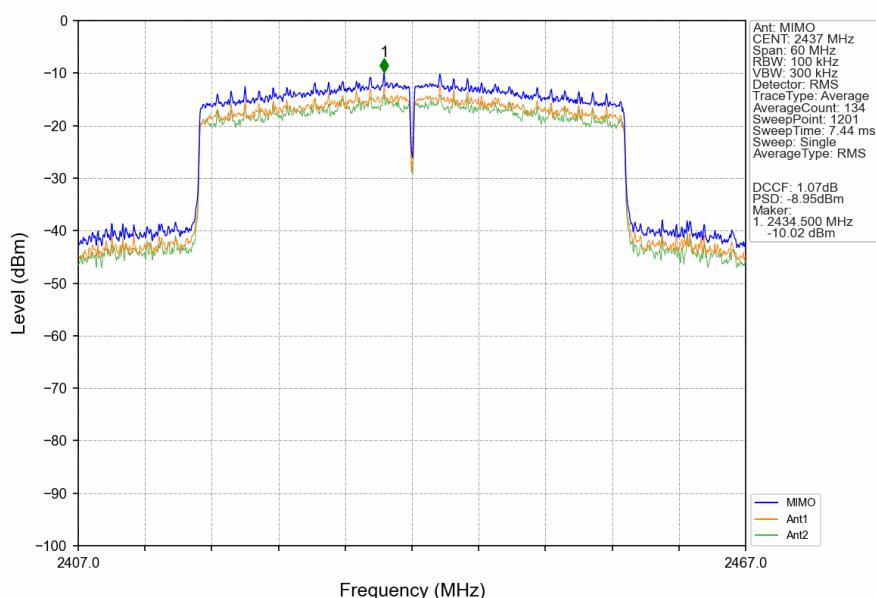
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802.11ax(HEW40)_MCH_2437MHz_SU_/_Ant1 (MIMO)_NTNV



802.11ax(HEW40)_MCH_2437MHz_SU_/_MIMO_NTNV



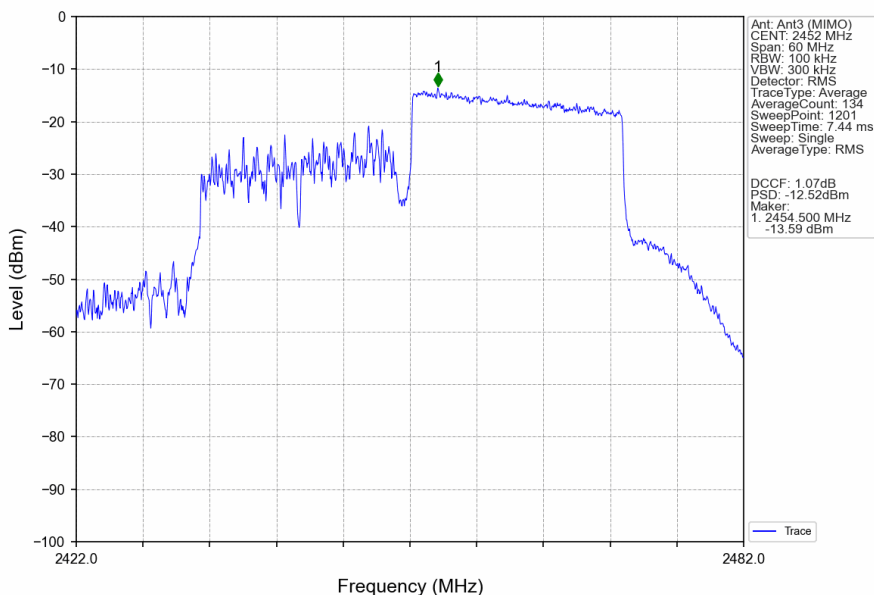
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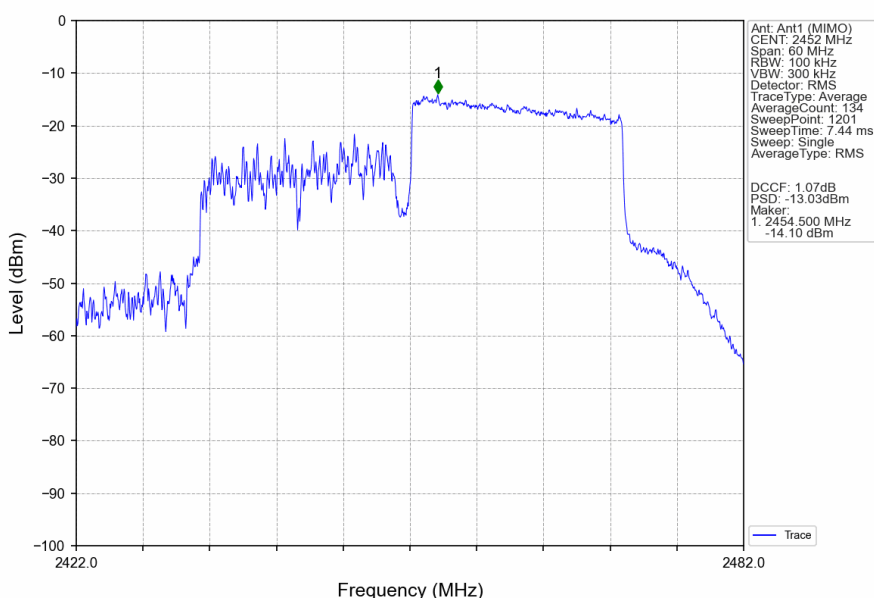
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802.11ax(HEW40)_HCH_2452MHz_RU242_Right_Ant3 (MIMO)_NTNV



802.11ax(HEW40)_HCH_2452MHz_RU242_Right_Ant1 (MIMO)_NTNV

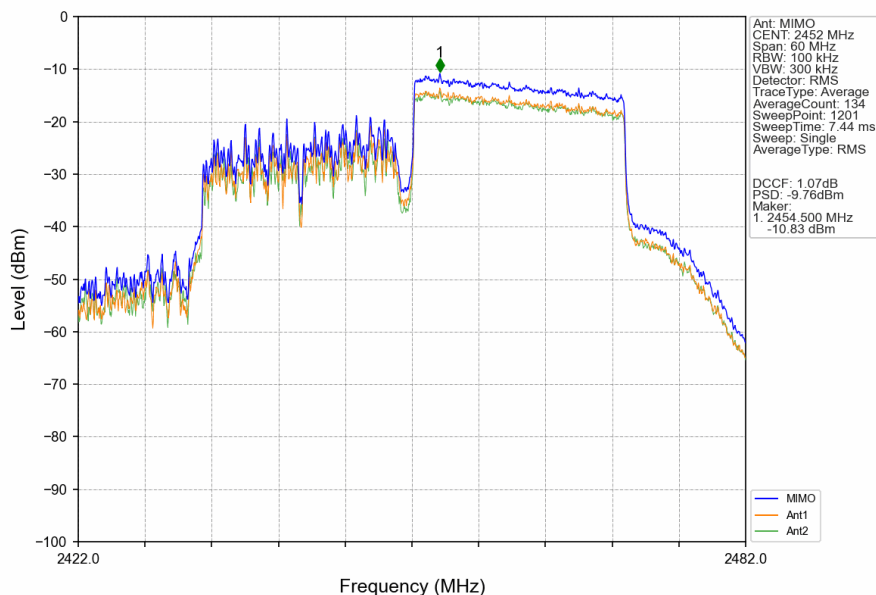


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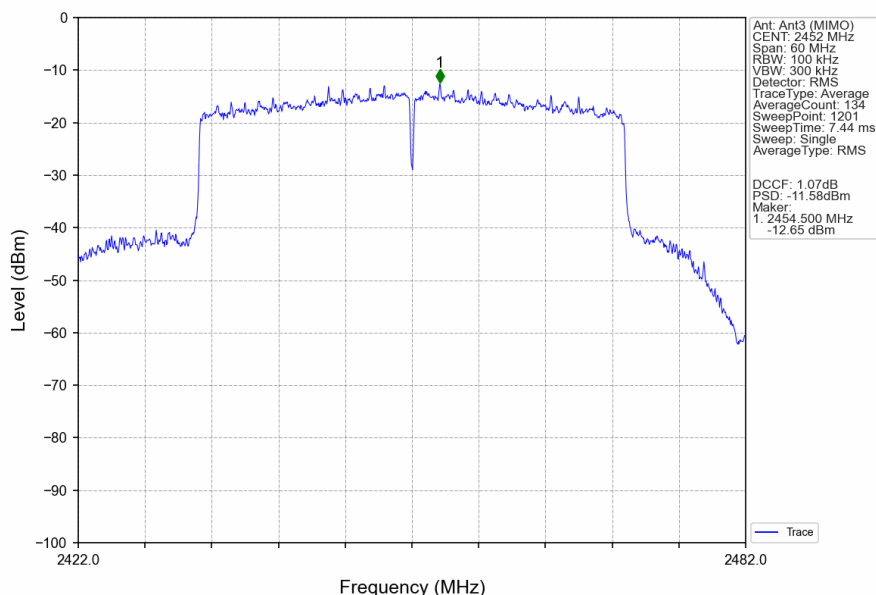
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802.11ax(HEW40)_HCH_2452MHz_RU242_Right_MIMO_NTNV



802.11ax(HEW40)_HCH_2452MHz_SU_/_Ant3 (MIMO)_NTNV



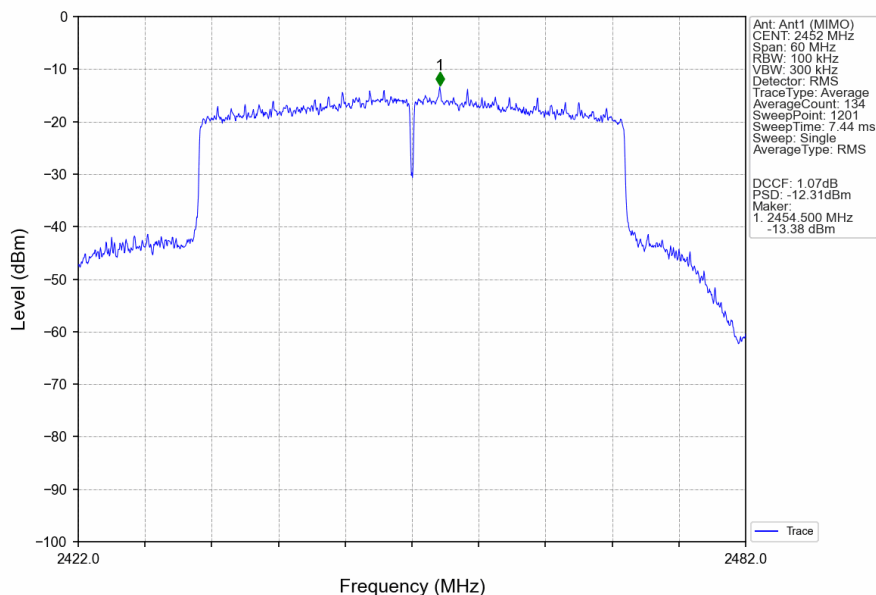
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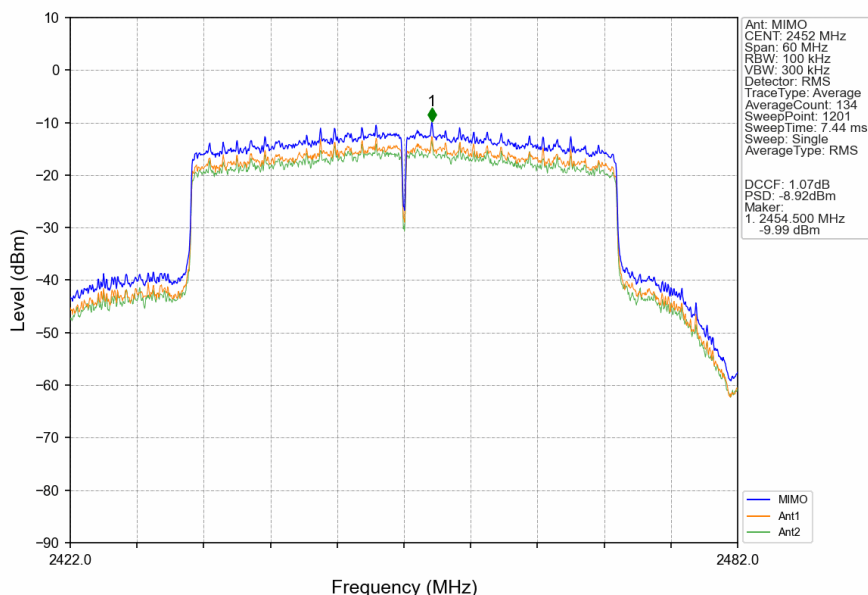
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802.11ax(HEW40)_HCH_2452MHz_SU_/_Ant1 (MIMO)_NTNV



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	/	/	3	2.94
					1	2.73
		2437	/	/	3	3.11
					1	2.51
		2462	/	/	3	2.96
					1	3.11
802.11g	SISO	2412	/	/	3	0.06
					1	-1.17
		2437	/	/	3	-0.86
					1	-1.15
		2462	/	/	3	0.34
					1	-0.28
802.11n (HT20)	MIMO	2412	/	/	3	0.38
					1	-1.05
		2437	/	/	3	0.02
					1	-0.82
		2462	/	/	3	0.35
					1	-0.68
802.11n (HT40)	MIMO	2422	/	/	3	-3.35
					1	-3.83
		2437	/	/	3	-2.86
					1	-4.04
		2452	/	/	3	-2.88
					1	-3.99
802.11ax (HEW20)	MIMO	2412	RU26	Left	3	-4.40
					1	-5.31
			RU52	Left	3	-4.23
					1	-4.58
			RU106	Left	3	-3.64
					1	-3.84
			SU	/	3	0.09
					1	0.09



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		2437	RU26	Mid	1	-0.96
					3	-3.12
			RU52	Mid	1	-4.17
					3	-2.14
			RU106	Left	1	-3.82
					3	-2.60
		2462	SU	/	1	-3.98
					3	0.09
			RU26	Right	1	-1.11
					3	-4.80
			RU52	Right	1	-5.11
					3	-3.09
			RU106	Right	1	-2.78
					3	-2.77
		802.11ax (HEW40)	SU	/	1	-2.73
					3	0.15
			RU242	Left	1	-0.38
					3	-4.73
		MIMO	SU	/	1	-5.19
					3	-2.78
		2437	RU242	Left	1	-3.78
					3	-4.49
			SU	/	1	-5.45
					3	-3.02
		2452	RU242	Right	1	-3.82
					3	-5.29
			SU	/	1	-4.99
					3	-3.03
			SU	/	1	-3.87
					3	-3.87

Note1: Refer to FCC Part 15.247 (d) and ANSI C63.10-2020, 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	/	/	3	3.11	-26.89	Pass
					1	3.11	-26.89	Pass
		2437	/	/	3	3.11	-26.89	Pass
					1	3.11	-26.89	Pass
		2462	/	/	3	3.11	-26.89	Pass
					1	3.11	-26.89	Pass
802.11g	SISO	2412	/	/	3	0.34	-29.66	Pass
					1	-0.28	-30.28	Pass
		2437	/	/	3	0.34	-29.66	Pass
					1	-0.28	-30.28	Pass
		2462	/	/	3	0.34	-29.66	Pass
					1	-0.28	-30.28	Pass
802.11n (HT20)	MIMO	2412	/	/	3	0.38	-29.62	Pass
					1	-0.68	-30.68	Pass
		2437	/	/	3	0.38	-29.62	Pass
					1	-0.68	-30.68	Pass
		2462	/	/	3	0.38	-29.62	Pass
					1	-0.68	-30.68	Pass
802.11n (HT40)	MIMO	2422	/	/	3	-2.86	-32.86	Pass
					1	-3.83	-33.83	Pass
		2437	/	/	3	-2.86	-32.86	Pass
					1	-3.83	-33.83	Pass
		2452	/	/	3	-2.86	-32.86	Pass
					1	-3.83	-33.83	Pass
802.11ax (HEW20)	MIMO	2412	RU26	Left	3	-4.40	-34.40	Pass
					1	-5.31	-35.31	Pass
			RU52	Left	3	-4.23	-34.23	Pass
					1	-4.58	-34.58	Pass
			RU106	Left	3	0.15	-29.85	Pass
					1	0.00	-30.00	Pass
			SU	/	3	0.15	-29.85	Pass
					1	0.00	-30.00	Pass
		2437	RU26	Mid	3	-3.12	-33.12	Pass
					1	-4.17	-34.17	Pass



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			RU52	Mid	3	-2.14	-32.14	Pass
					1	-3.82	-33.82	Pass
			RU106	Left	3	-2.60	-32.60	Pass
					1	-3.98	-33.98	Pass
			SU	/	3	0.09	-29.91	Pass
					1	-1.11	-31.11	Pass
		2462	RU26	Right	3	-4.80	-34.80	Pass
					1	-5.11	-35.11	Pass
			RU52	Right	3	-3.09	-33.09	Pass
					1	-2.78	-32.78	Pass
			RU106	Right	3	-2.77	-32.77	Pass
					1	-2.73	-32.73	Pass
			SU	/	3	0.36	-29.64	Pass
					1	-0.38	-30.38	Pass
802.11ax (HEW40)	MIMO	2422	RU242	Left	3	-4.73	-34.73	Pass
					1	-5.19	-35.19	Pass
			SU	/	3	-2.78	-32.78	Pass
					1	-3.78	-33.78	Pass
		2437	RU242	Left	3	-4.49	-34.49	Pass
					1	-5.45	-35.45	Pass
			SU	/	3	-2.78	-32.78	Pass
					1	-3.78	-33.78	Pass
		2452	RU242	Right	3	-5.29	-35.29	Pass
					1	-4.99	-34.99	Pass
			SU	/	3	-2.78	-32.78	Pass
					1	-3.78	-33.78	Pass

Note1: Refer to FCC Part 15.247 (d) and ANSI C63.10-2020, the channel contains the maximum PSD level was used to establish the reference level.



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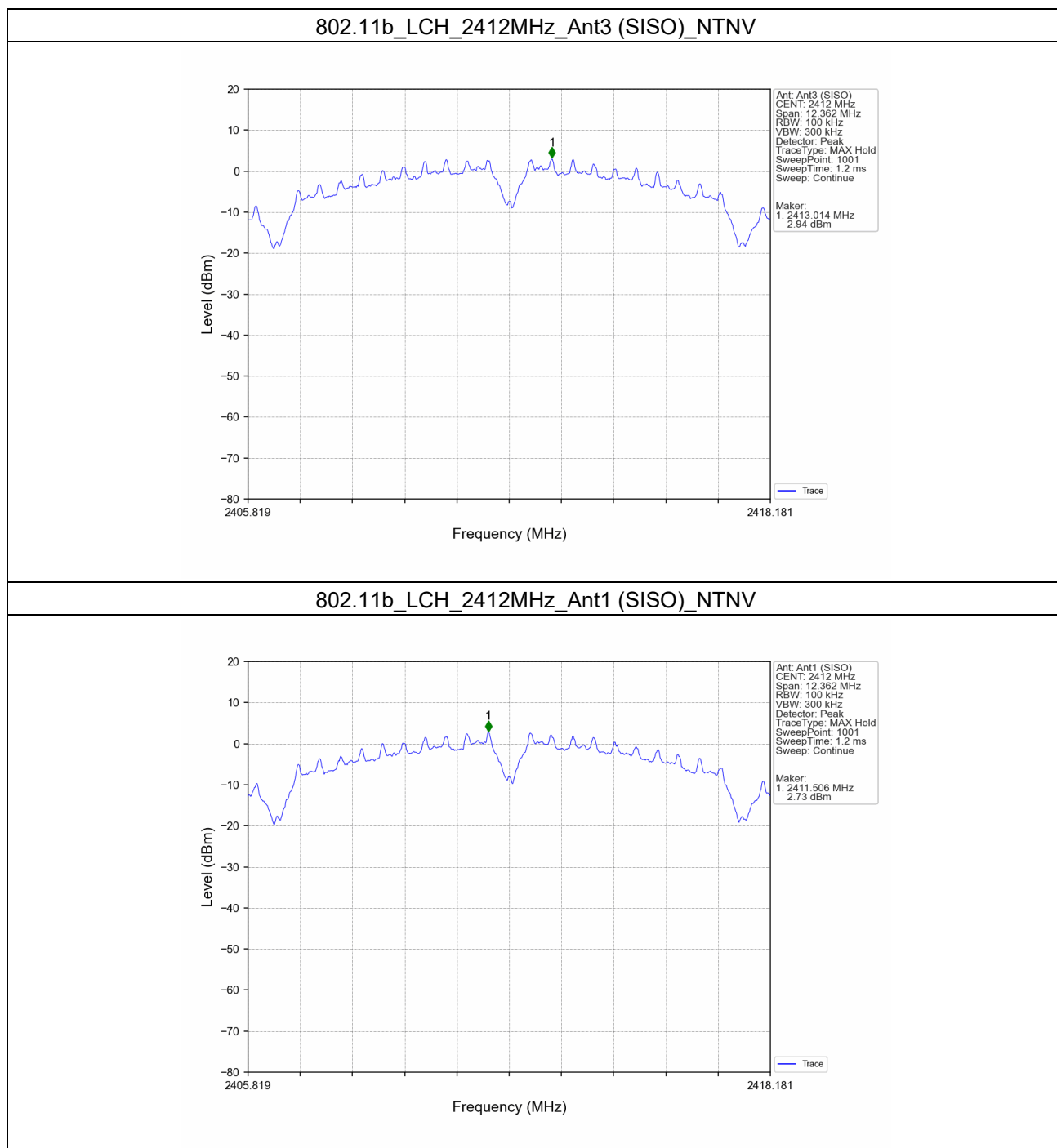
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5.2 Test Graph

5.2.1 Ref



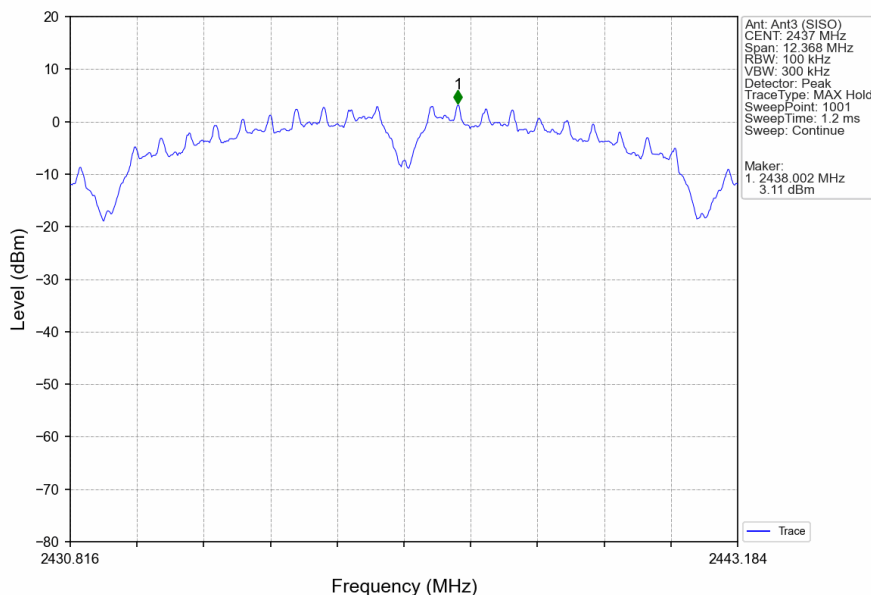
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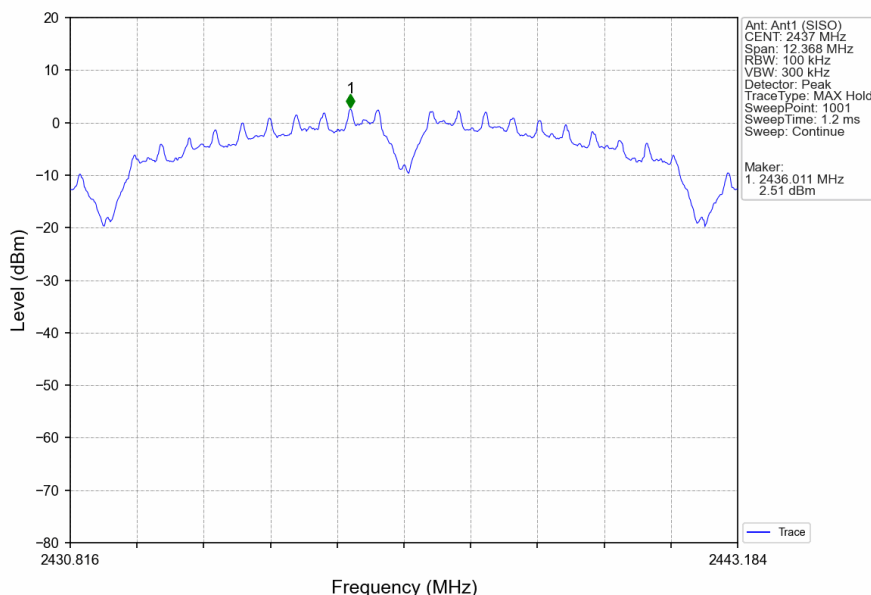
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802.11b_MCH_2437MHz_Ant3 (SISO)_NTNV



802.11b_MCH_2437MHz_Ant1 (SISO)_NTNV



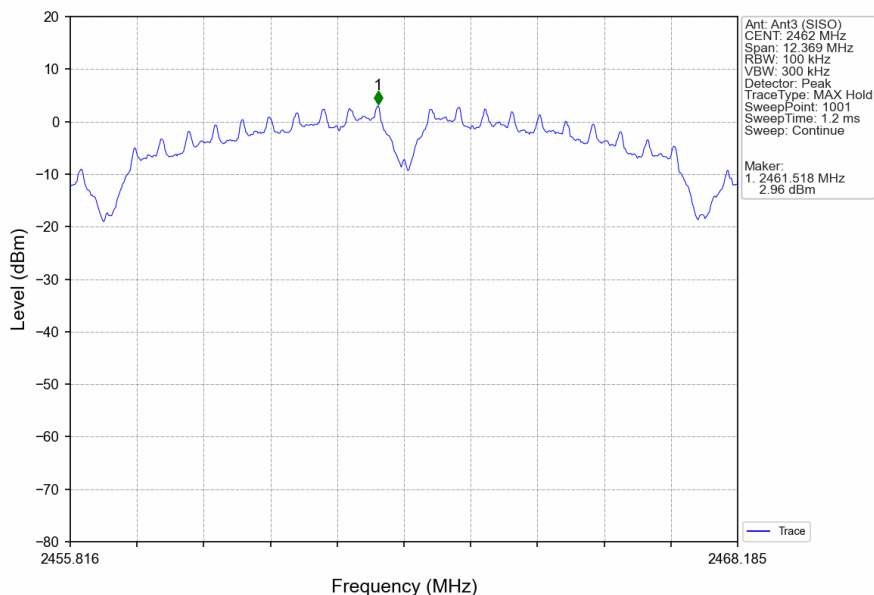
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802.11b_HCH_2462MHz_Ant1 (SISO)_NTNV

