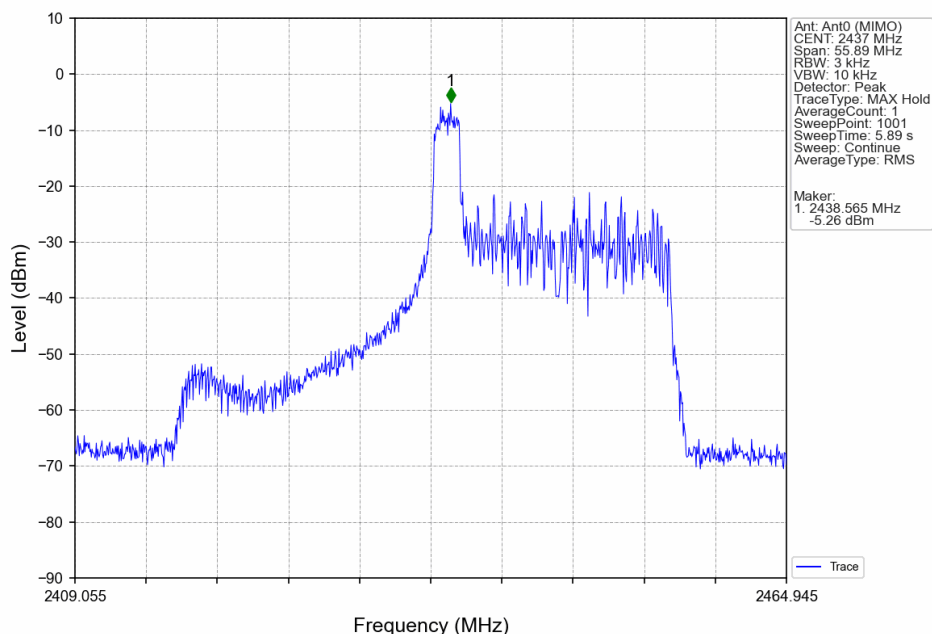
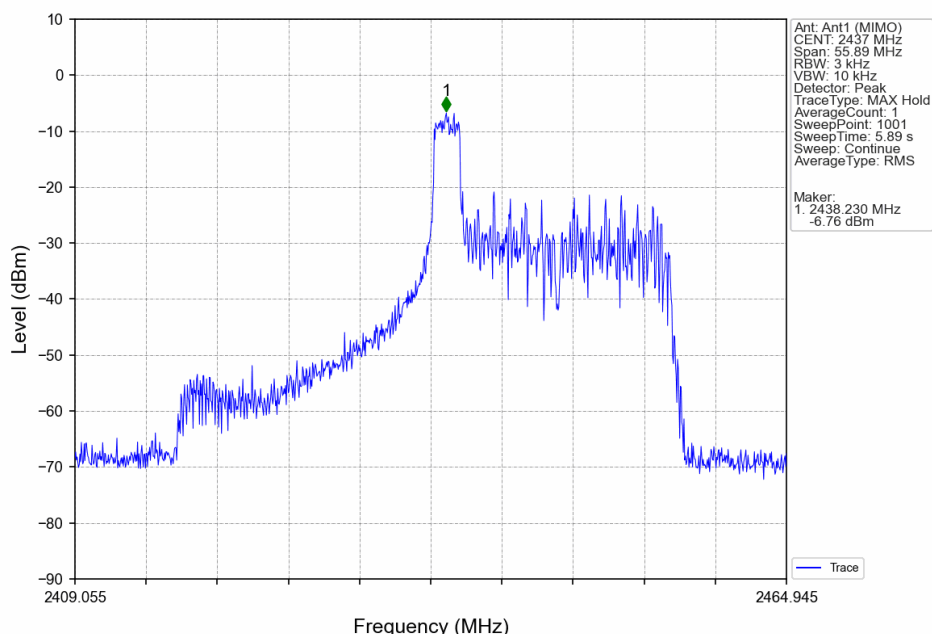


802.11ax(HEW40)_MCH_2437MHz_RU26_Mid_Ant0 (MIMO)_NTNV



802.11ax(HEW40)_MCH_2437MHz_RU26_Mid_Ant1 (MIMO)_NTNV



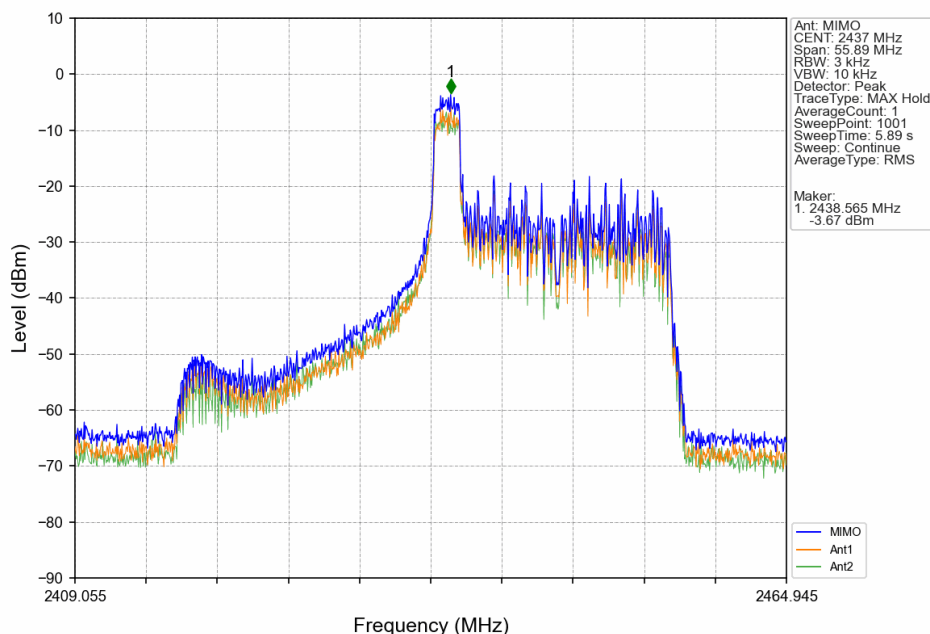
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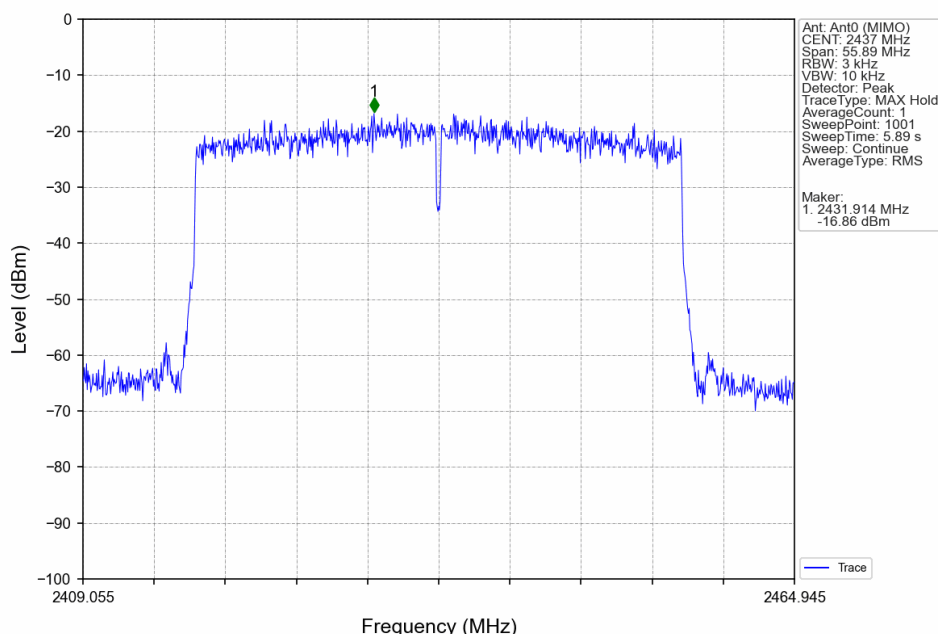
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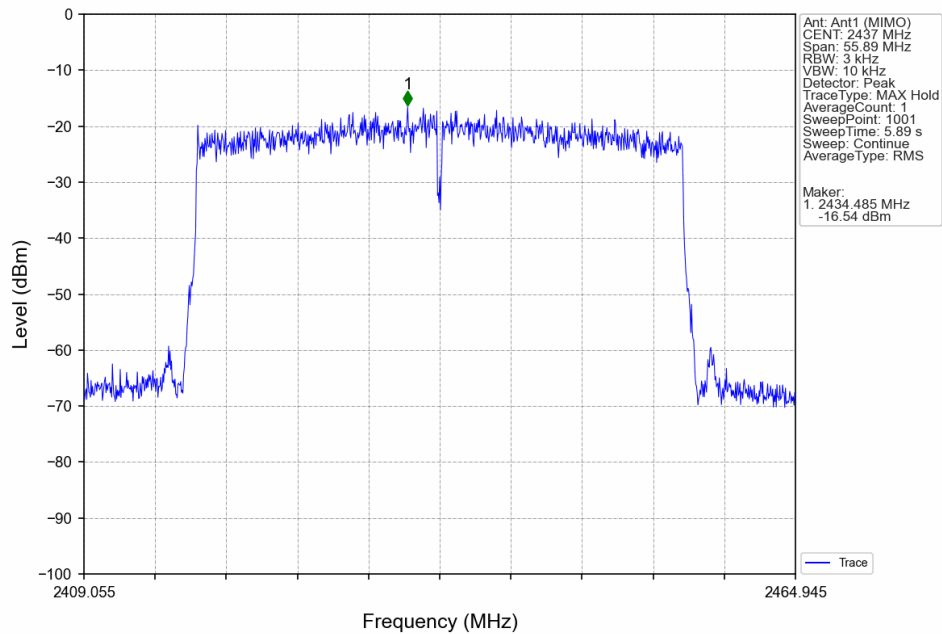
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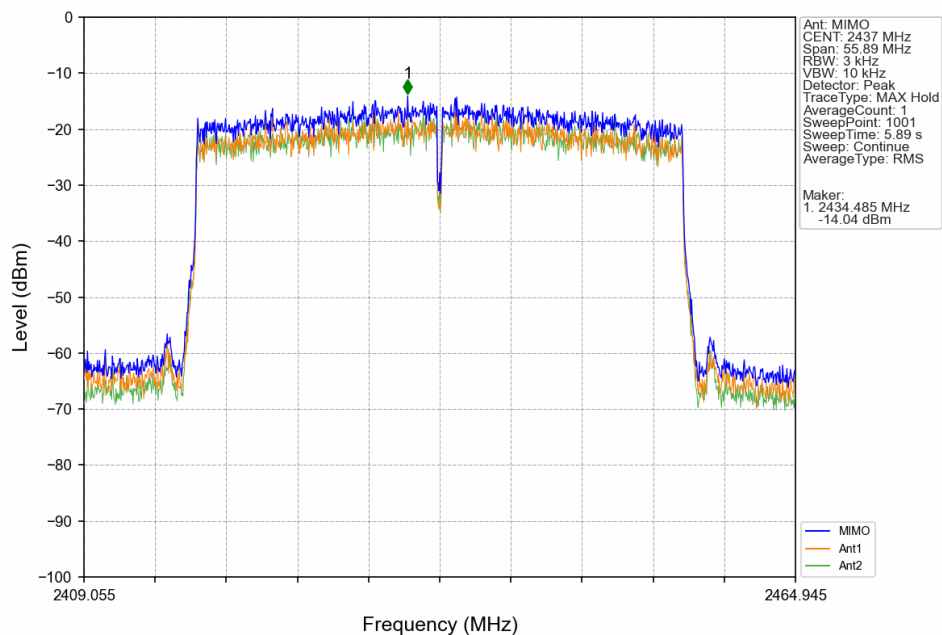
802.11ax(HEW40)_MCH_2437MHz_RU484_Left_Ant0 (MIMO)_NTNV



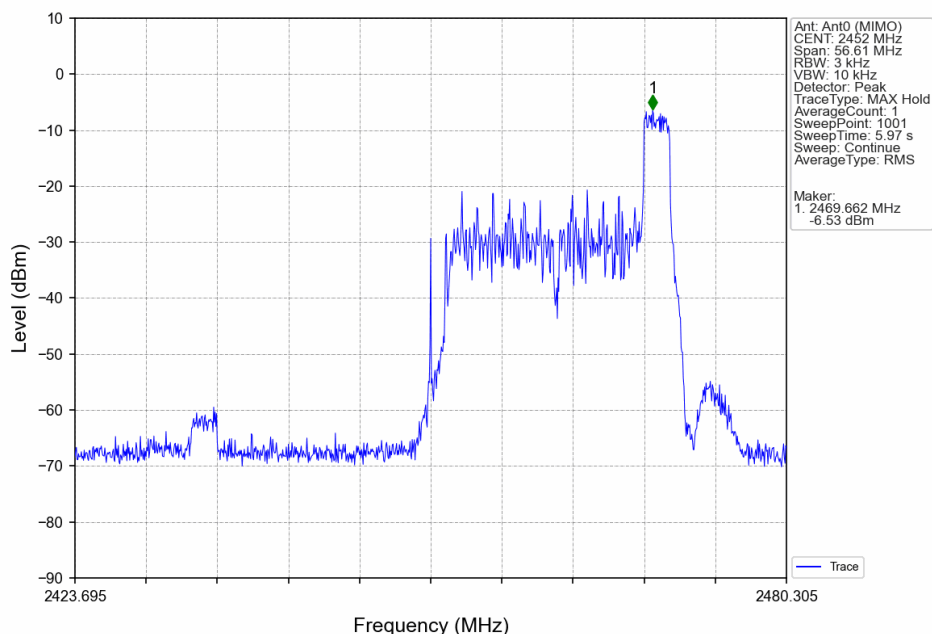
802.11ax(HEW40)_MCH_2437MHz_RU484_Left_Ant1 (MIMO)_NTNV



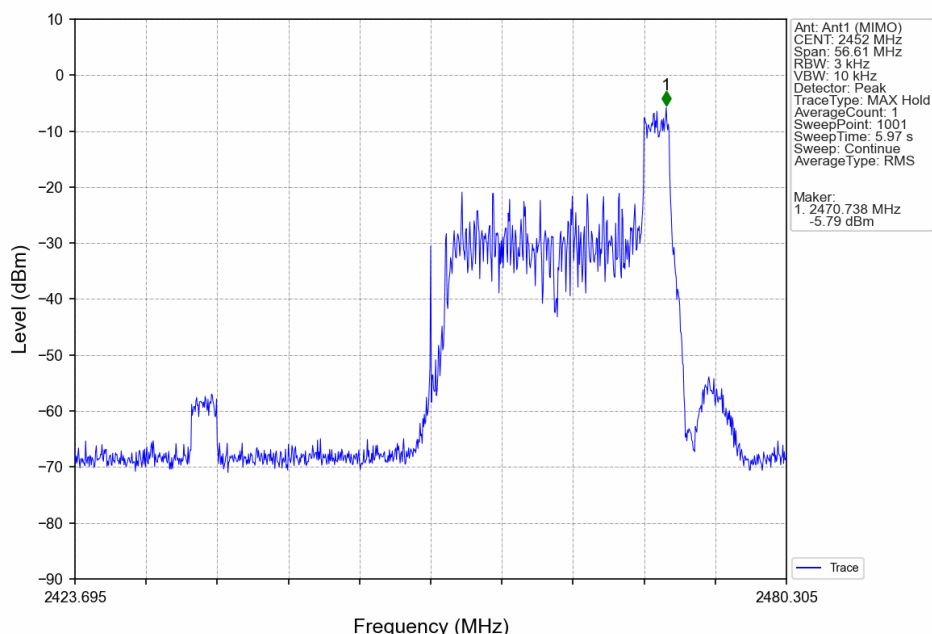
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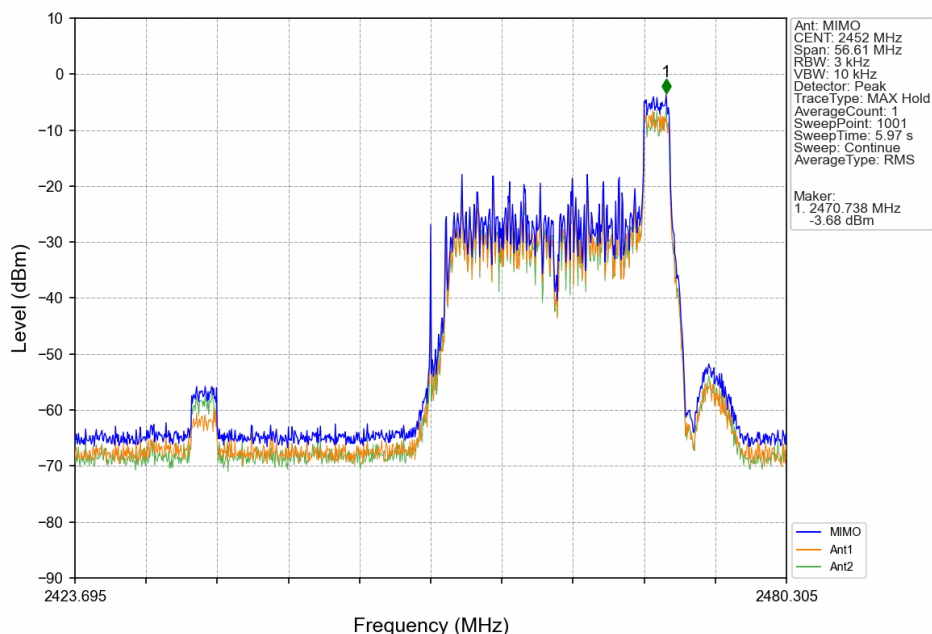
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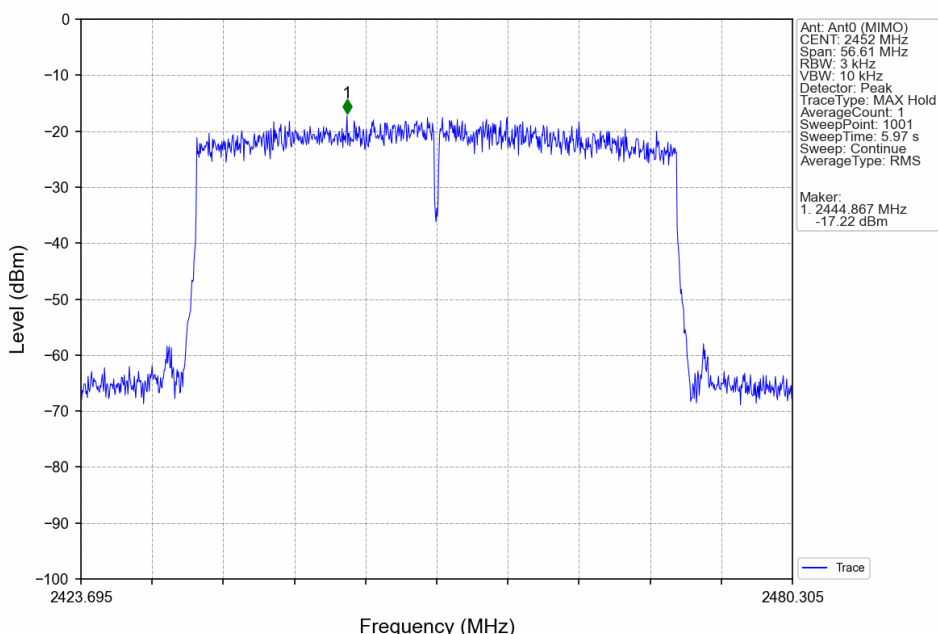
802.11ax(HEW40)_HCH_2452MHz_RU26_Right_Ant1 (MIMO)_NTNV



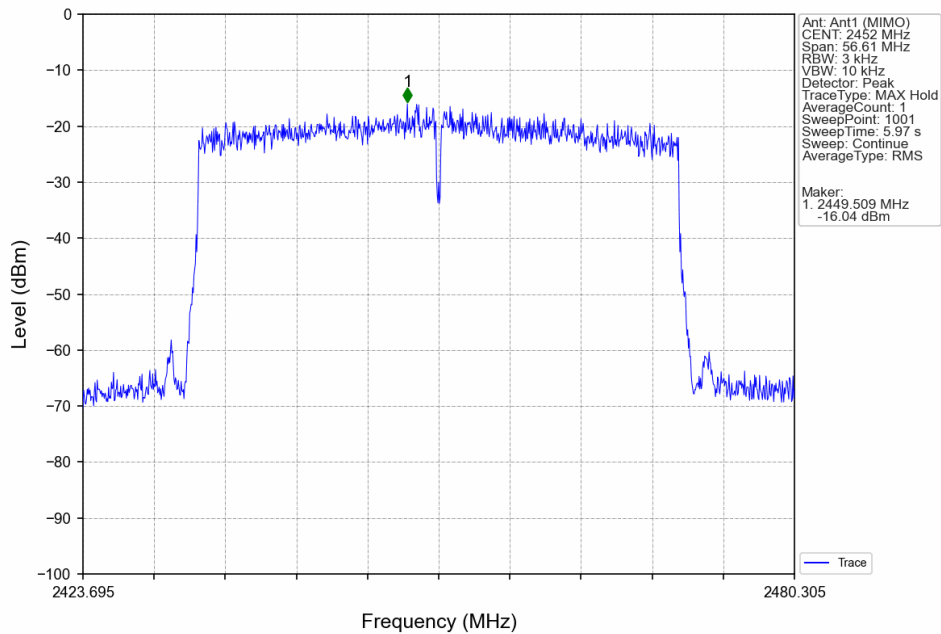
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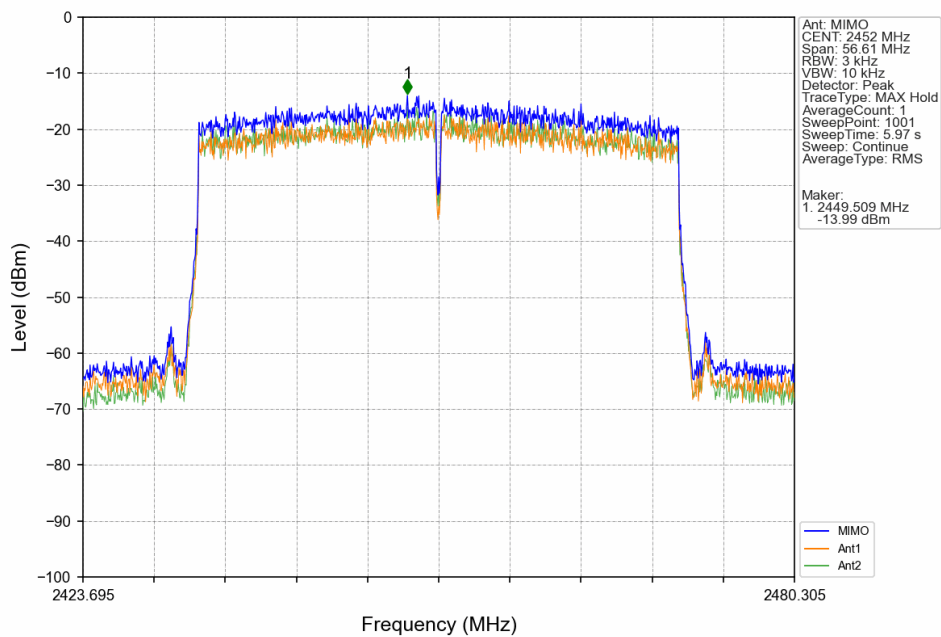
802.11ax(HEW40)_HCH_2452MHz_RU484_Left_Ant0 (MIMO)_NTNV



802.11ax(HEW40)_HCH_2452MHz_RU484_Left_Ant1 (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	/	/	0	6.49
					1	5.89
		2437	/	/	0	5.76
					1	5.42
		2462	/	/	0	5.78
					1	5.89
802.11g	MIMO	2412	/	/	0	5.62
					1	5.68
		2437	/	/	0	6.42
					1	5.66
		2462	/	/	0	5.90
					1	5.52
802.11n (HT20)	MIMO	2412	/	/	0	3.06
					1	2.21
		2437	/	/	0	2.66
					1	2.41
		2462	/	/	0	2.55
					1	2.32
802.11n (HT40)	MIMO	2422	/	/	0	-0.71
					1	-0.70
		2437	/	/	0	-0.55
					1	-0.76
		2452	/	/	0	-0.56
					1	-0.43
802.11ax (HEW20)	MIMO	2412	RU26	Left	0	10.04
					1	8.32
			RU242	Left	0	3.35
					1	2.58
		2437	RU26	Mid	0	8.54
					1	12.07
			RU242	Left	0	3.44
					1	3.21
		2462	RU26	Right	0	10.07
					1	9.22
			RU242	Left	0	2.69
					0	



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Report No.: SZCR240800301804

Page: 193 of 259

					1	2.37
802.11ax (HEW40)	MIMO	2422	RU26	Left	0	10.40
					1	8.08
			RU484	Left	0	-0.39
					1	-0.14
		2437	RU26	Mid	0	8.58
					1	8.40
			RU484	Left	0	-0.03
					1	-0.15
		2452	RU26	Right	0	7.84
					1	8.05
			RU484	Left	0	0.05
					1	-0.27

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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Report No.: SZCR240800301804

Page: 194 of 259

5.1.2 CSE

Mode	TX Type	Frequency (MHz)	RU	RU Pos	ANT	Level of Reference (dBm)	Limit (dBm)	Verdict
802.11b	MIMO	2412	/	/	0	6.49	-23.51	Pass
					1	5.89	-24.11	Pass
		2437	/	/	0	6.49	-23.51	Pass
					1	5.89	-24.11	Pass
		2462	/	/	0	6.49	-23.51	Pass
					1	5.89	-24.11	Pass
802.11g	MIMO	2412	/	/	0	6.42	-23.58	Pass
					1	5.68	-24.32	Pass
		2437	/	/	0	6.42	-23.58	Pass
					1	5.68	-24.32	Pass
		2462	/	/	0	6.42	-23.58	Pass
					1	5.68	-24.32	Pass
802.11n (HT20)	MIMO	2412	/	/	0	3.06	-26.94	Pass
					1	2.41	-27.59	Pass
		2437	/	/	0	3.06	-26.94	Pass
					1	2.41	-27.59	Pass
		2462	/	/	0	3.06	-26.94	Pass
					1	2.41	-27.59	Pass
802.11n (HT40)	MIMO	2422	/	/	0	-0.55	-30.55	Pass
					1	-0.43	-30.43	Pass
		2437	/	/	0	-0.55	-30.55	Pass
					1	-0.43	-30.43	Pass
		2452	/	/	0	-0.55	-30.55	Pass
					1	-0.43	-30.43	Pass
802.11ax (HEW20)	MIMO	2412	RU26	Left	0	10.07	-19.93	Pass
					1	12.07	-17.93	Pass
			RU242	Left	0	10.07	-19.93	Pass
					1	12.07	-17.93	Pass
		2437	RU26	Mid	0	10.07	-19.93	Pass
					1	12.07	-17.93	Pass
			RU242	Left	0	10.07	-19.93	Pass
					1	12.07	-17.93	Pass
		2462	RU26	Right	0	10.07	-19.93	Pass
					1	12.07	-17.93	Pass
			RU242	Left	0	10.07	-19.93	Pass
					0	10.07	-19.93	Pass



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Report No.: SZCR240800301804

Page: 195 of 259

					1	12.07	-17.93	Pass
802.11ax (HEW40)	MIMO	2422	RU26	Left	0	10.40	-19.60	Pass
					1	8.40	-21.60	Pass
			RU484	Left	0	10.40	-19.60	Pass
					1	8.40	-21.60	Pass
		2437	RU26	Mid	0	10.40	-19.60	Pass
					1	8.40	-21.60	Pass
			RU484	Left	0	10.40	-19.60	Pass
					1	8.40	-21.60	Pass
		2452	RU26	Right	0	10.40	-19.60	Pass
					1	8.40	-21.60	Pass
			RU484	Left	0	10.40	-19.60	Pass
					1	8.40	-21.60	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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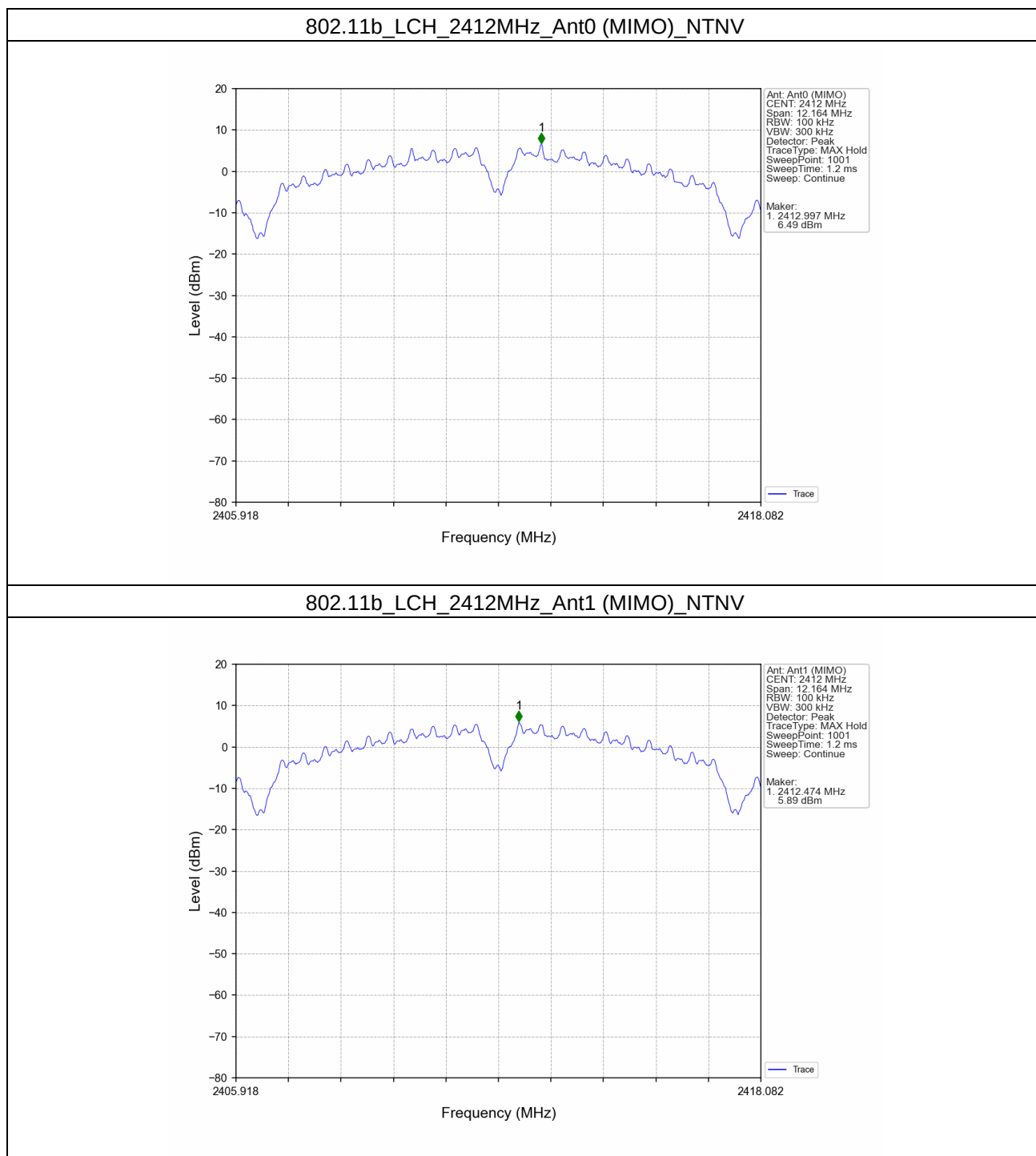
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5.2 Test Graph

5.2.1 Ref



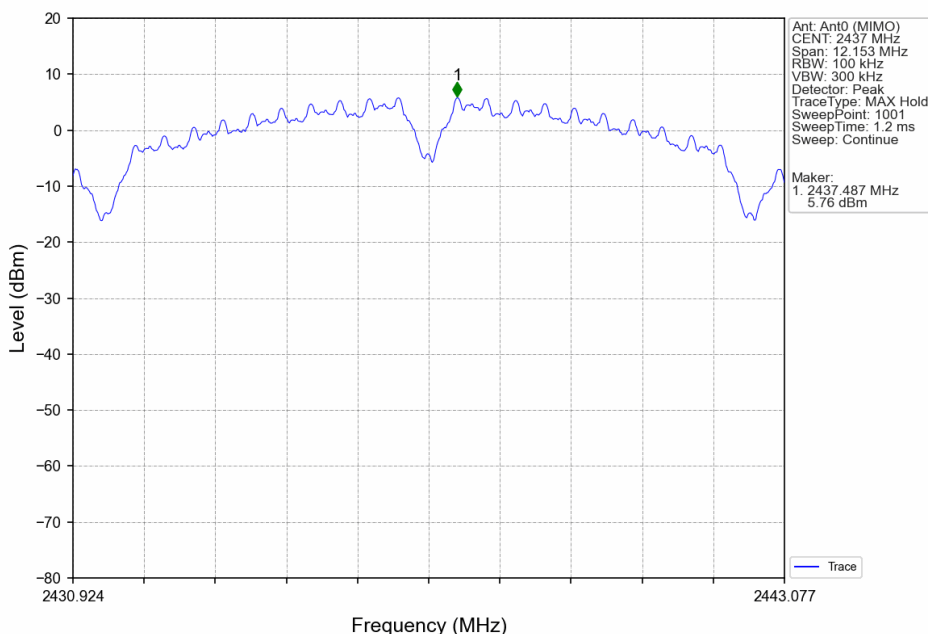
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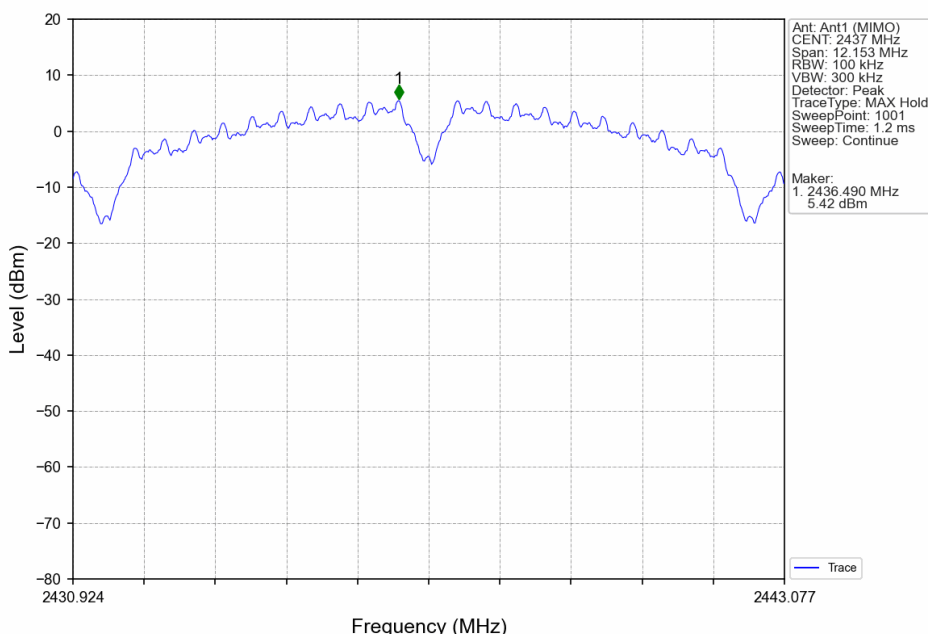
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802.11b_MCH_2437MHz_Ant0 (MIMO)_NTNV



802.11b_MCH_2437MHz_Ant1 (MIMO)_NTNV



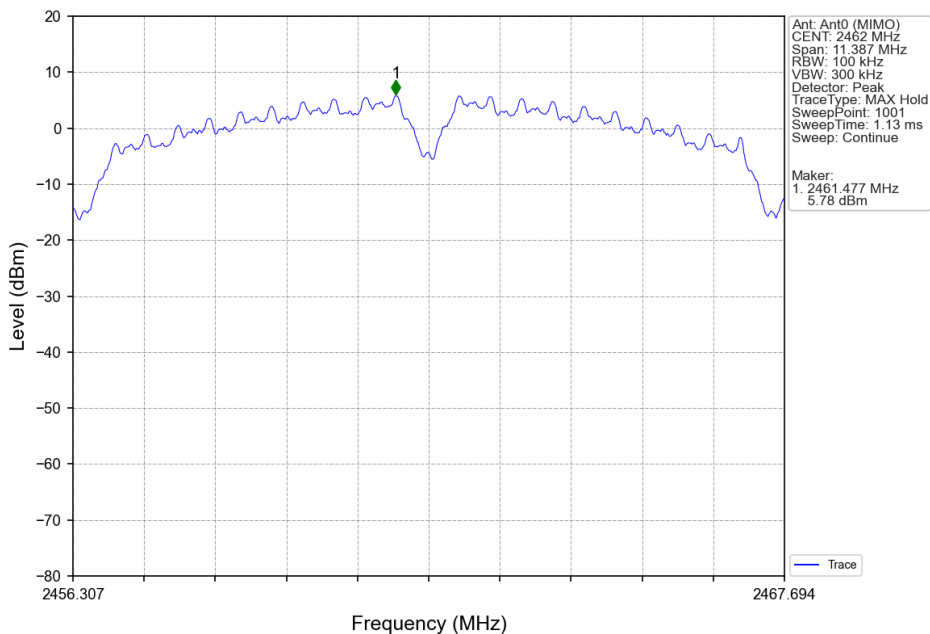
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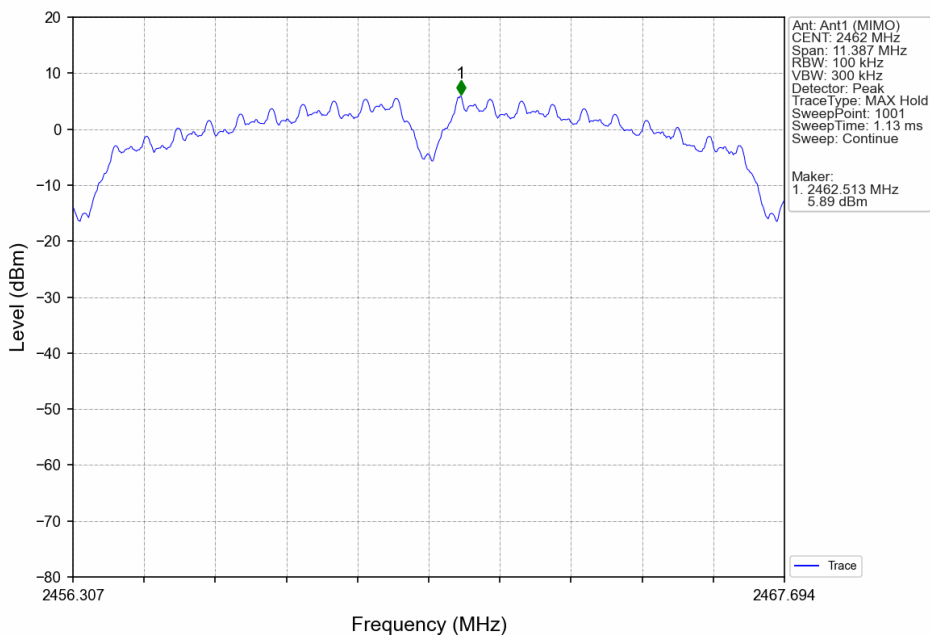
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802.11b_HCH_2462MHz_Ant0 (MIMO)_NTNV



802.11b_HCH_2462MHz_Ant1 (MIMO)_NTNV



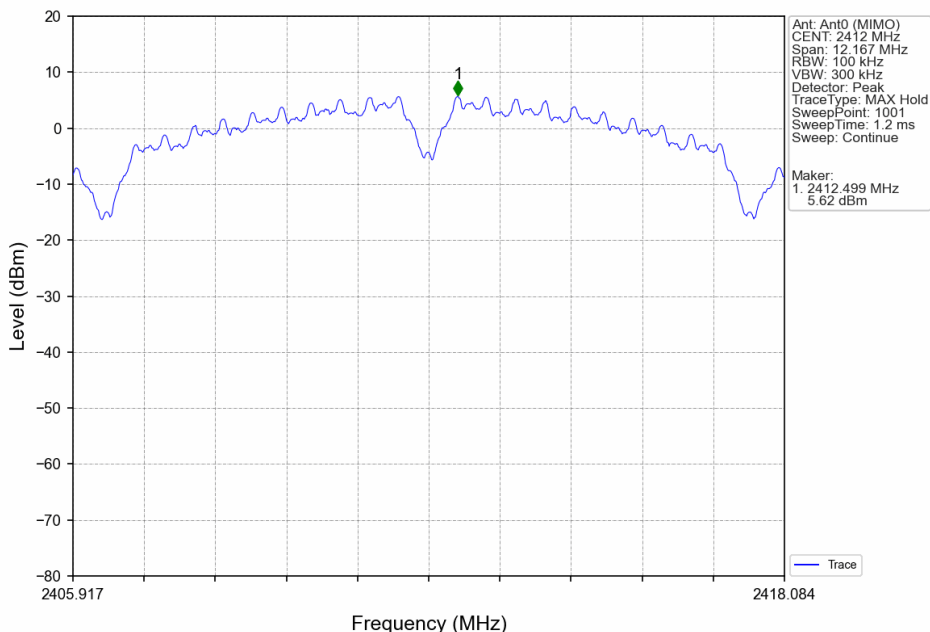
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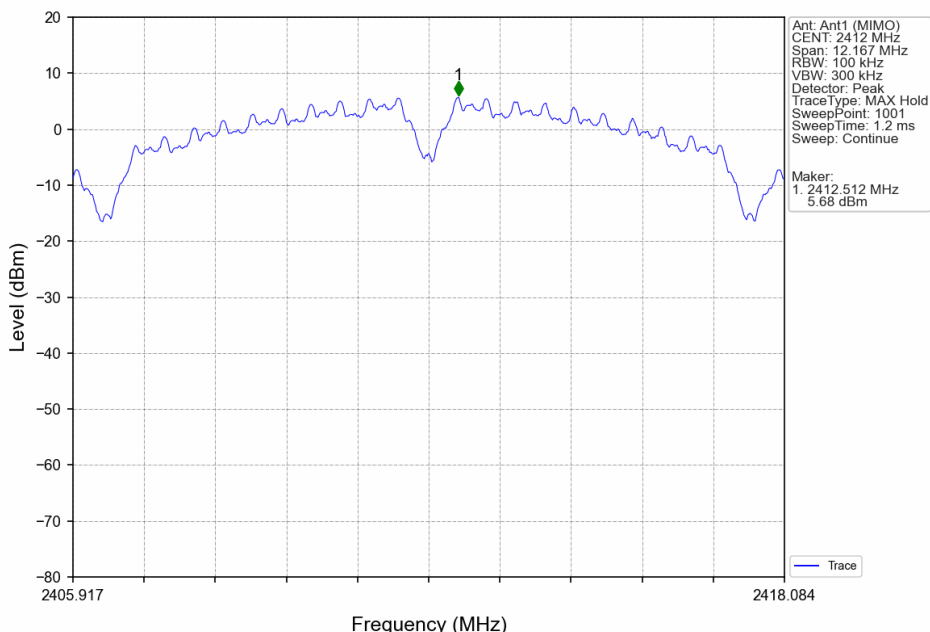
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802.11g_LCH_2412MHz_Ant0 (MIMO)_NTNV



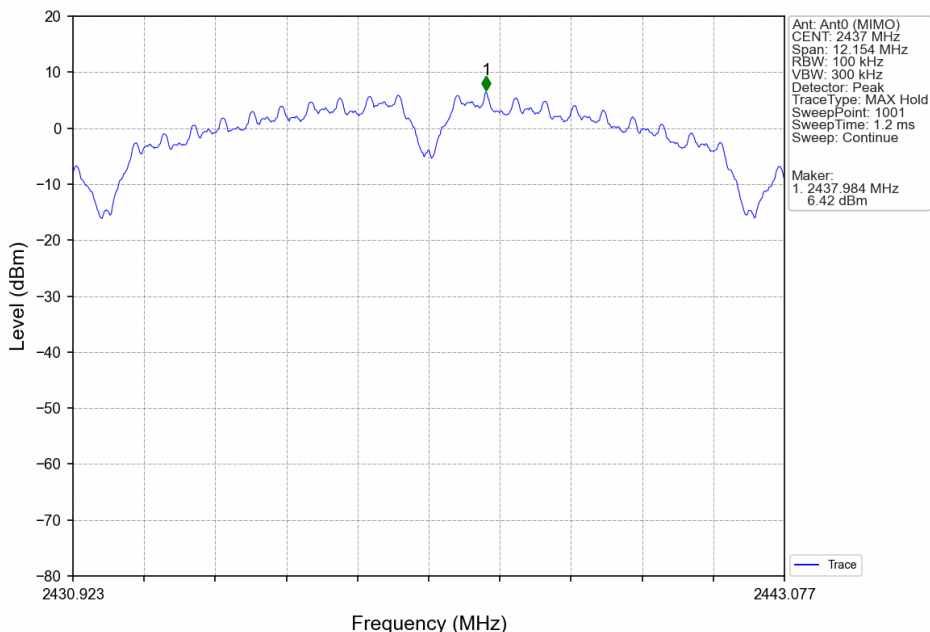
802.11g_LCH_2412MHz_Ant1 (MIMO)_NTNV



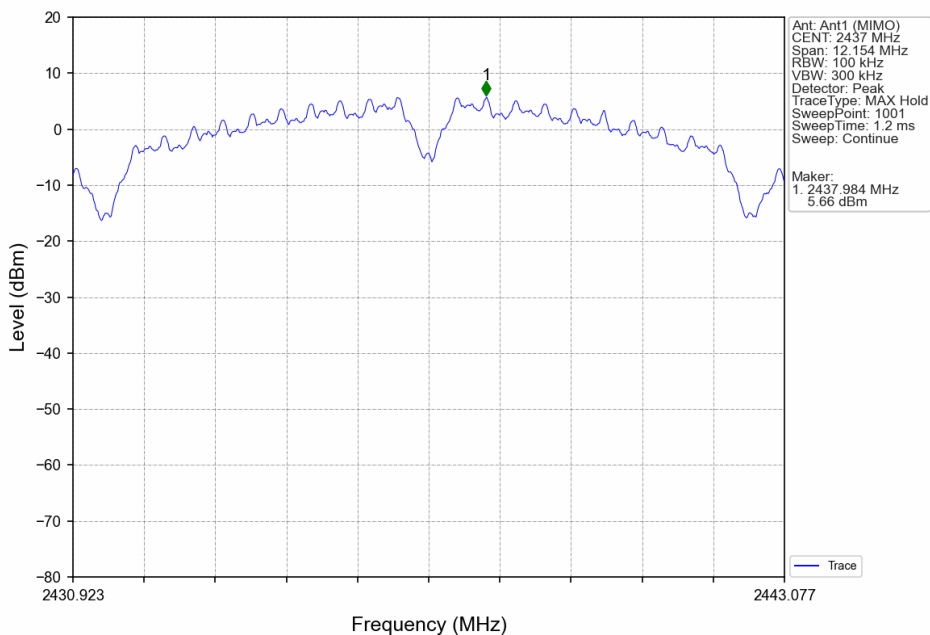
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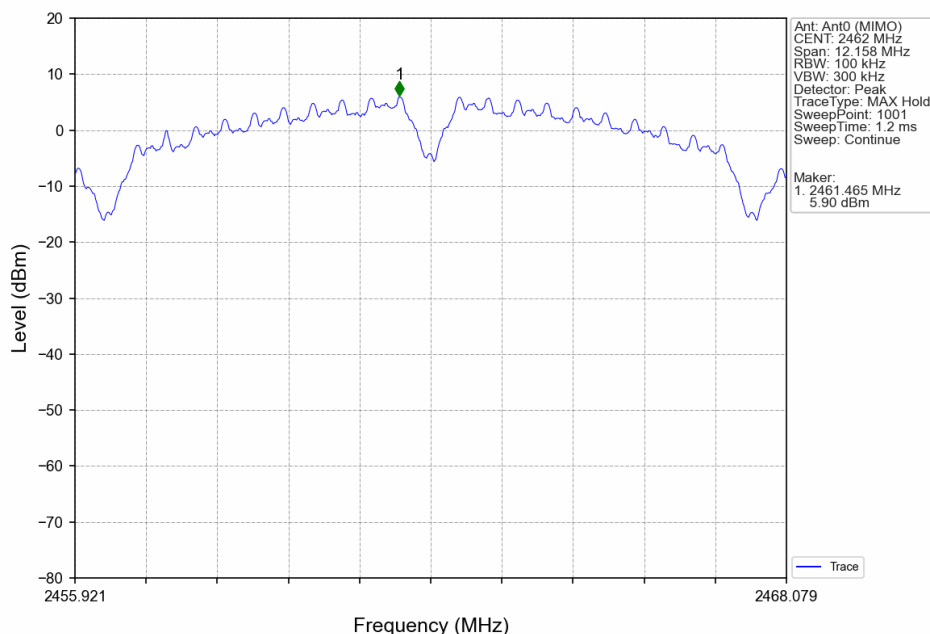
802.11g_MCH_2437MHz_Ant1 (MIMO)_NTNV



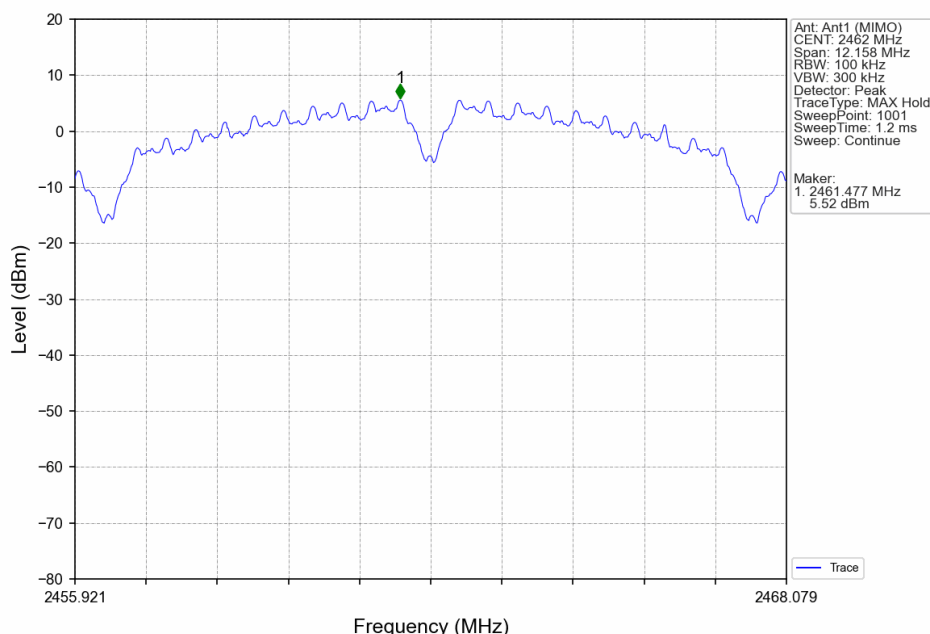
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802.11g_HCH_2462MHz_Ant0 (MIMO)_NTNV



802.11g_HCH_2462MHz_Ant1 (MIMO)_NTNV



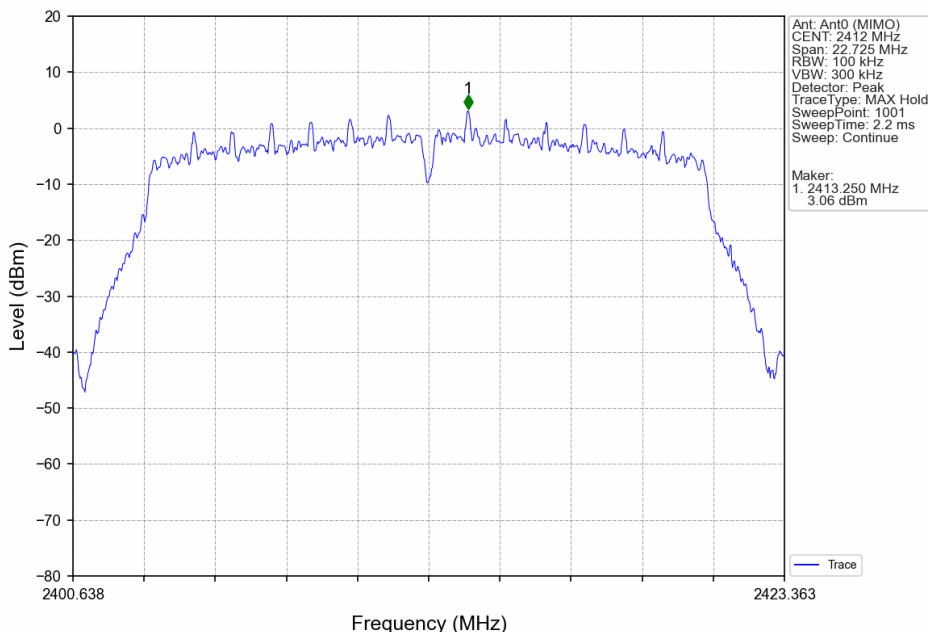
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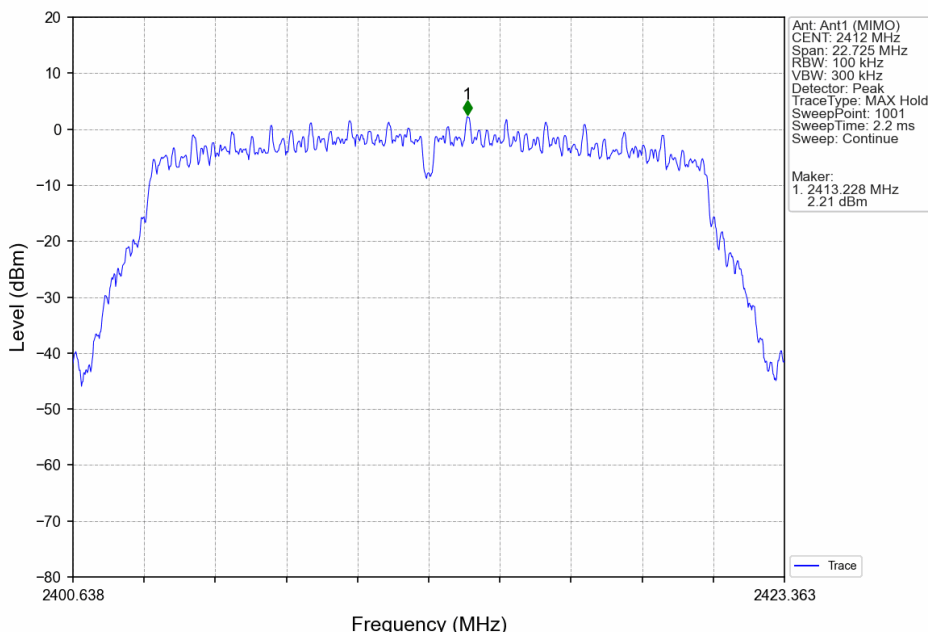
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802.11n(HT20)_LCH_2412MHz_Ant0 (MIMO)_NTNV



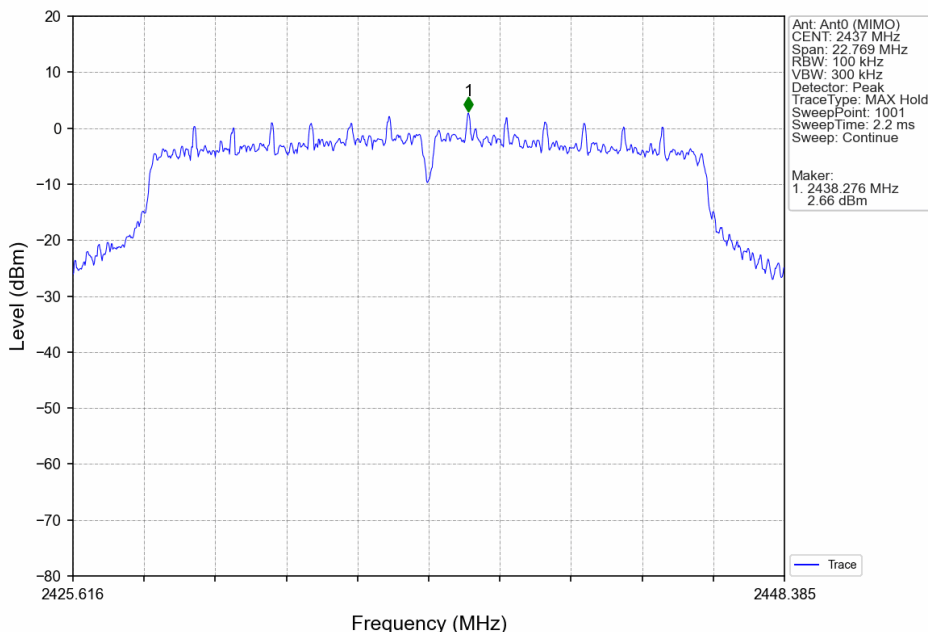
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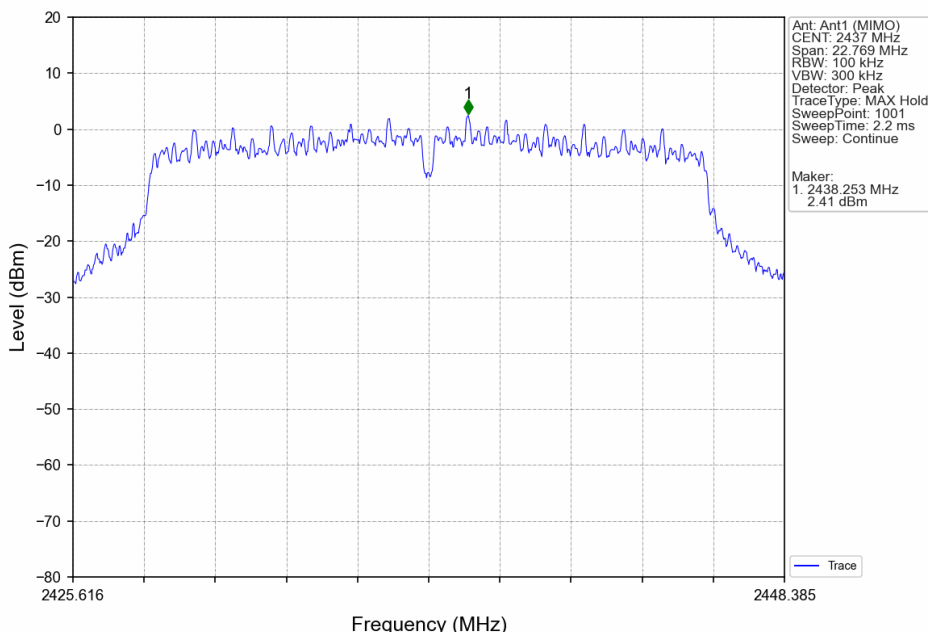
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802.11n(HT20)_MCH_2437MHz_Ant0 (MIMO)_NTNV



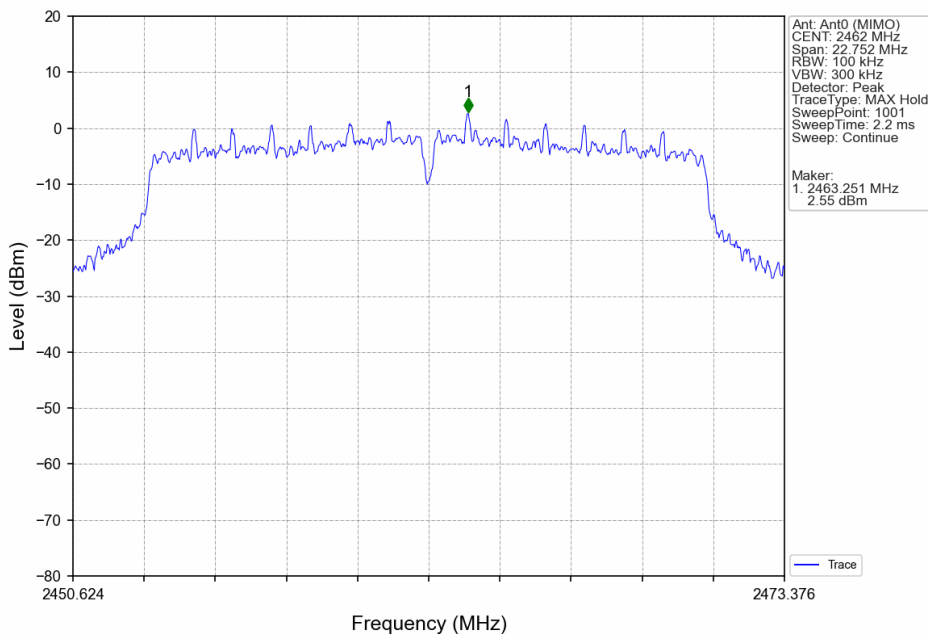
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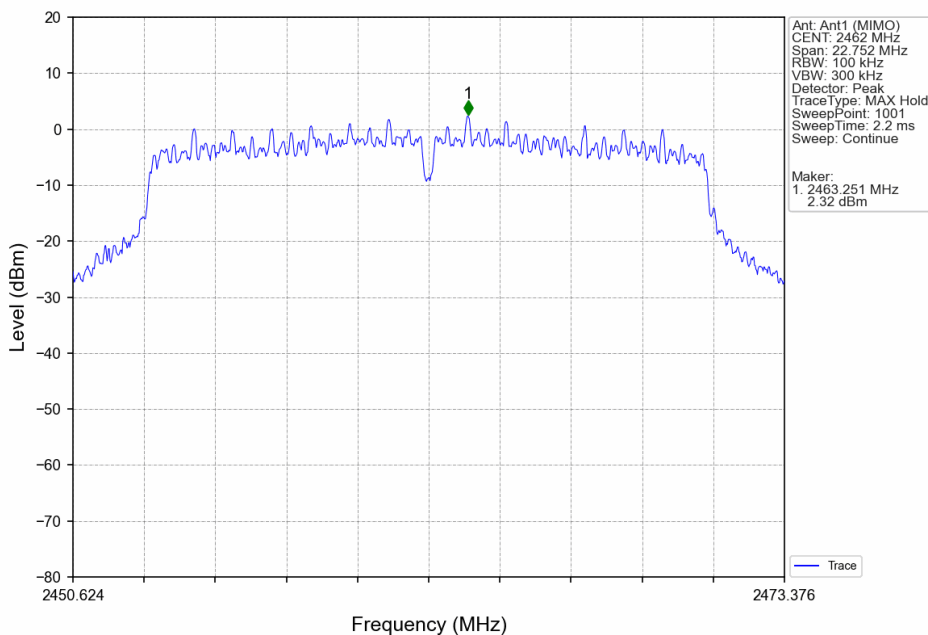
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802.11n(HT20)_HCH_2462MHz_Ant0 (MIMO)_NTNV



802.11n(HT20)_HCH_2462MHz_Ant1 (MIMO)_NTNV



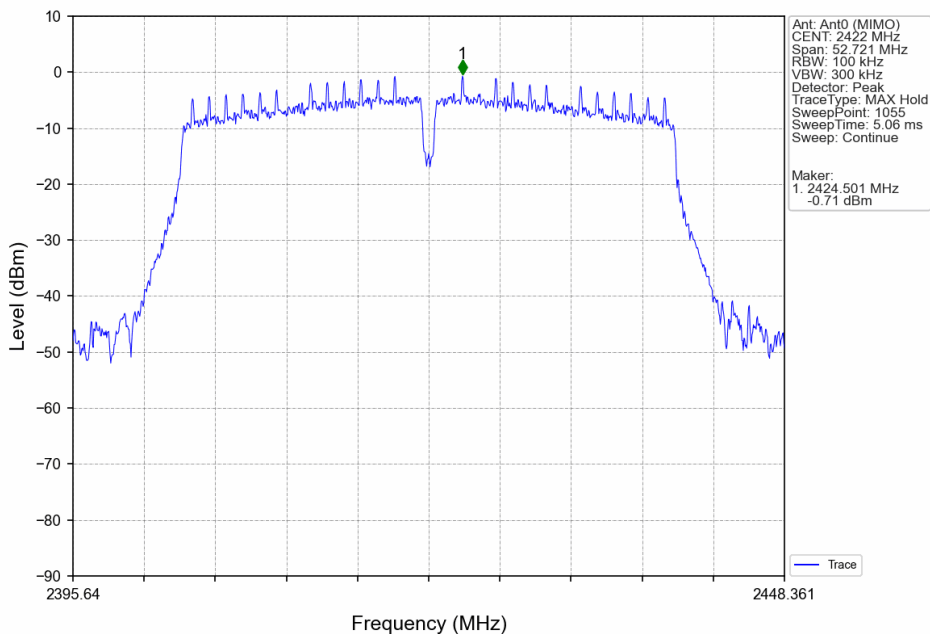
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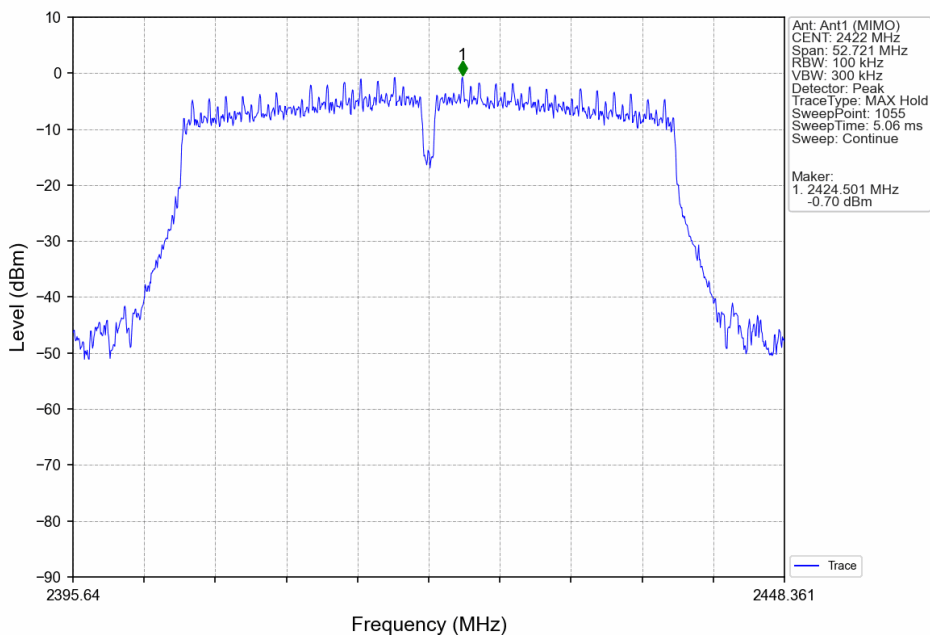
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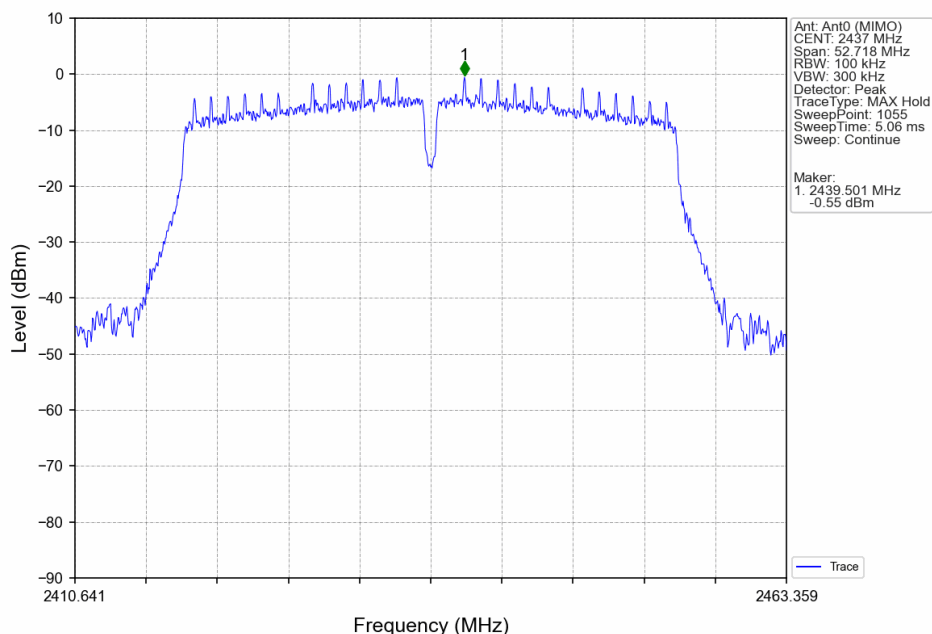
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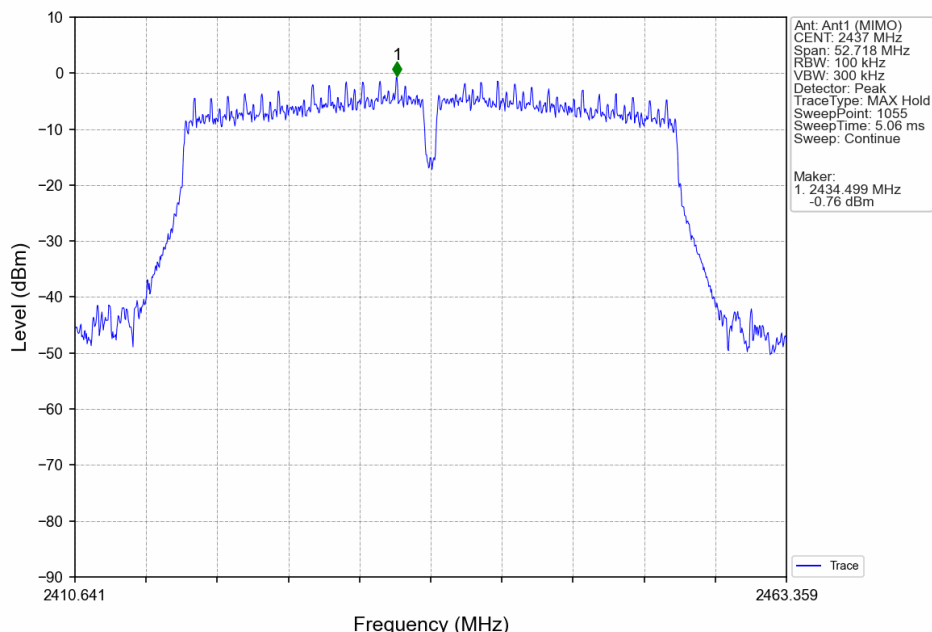
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802.11n(HT40)_MCH_2437MHz_Ant0 (MIMO)_NTNV



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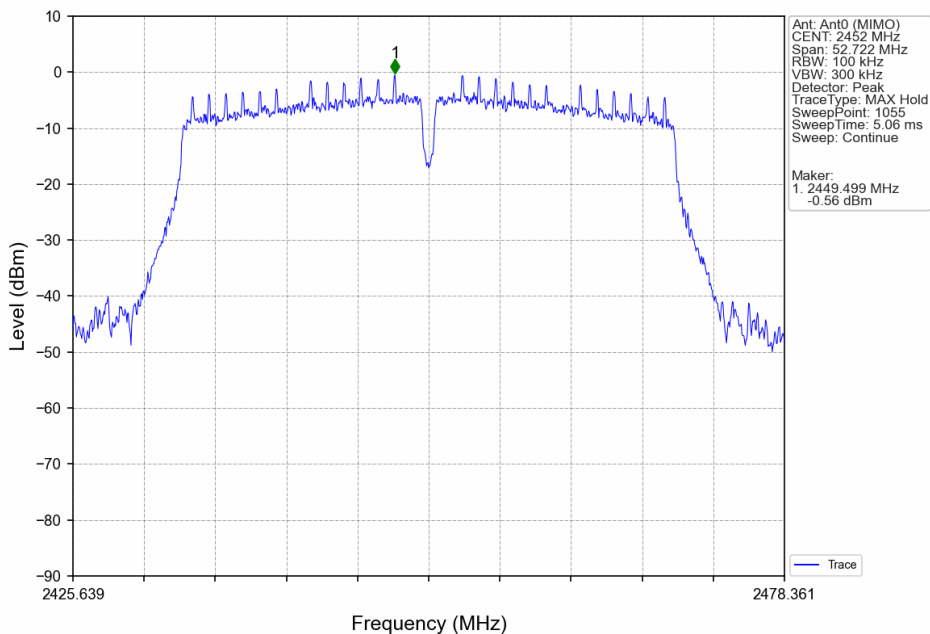
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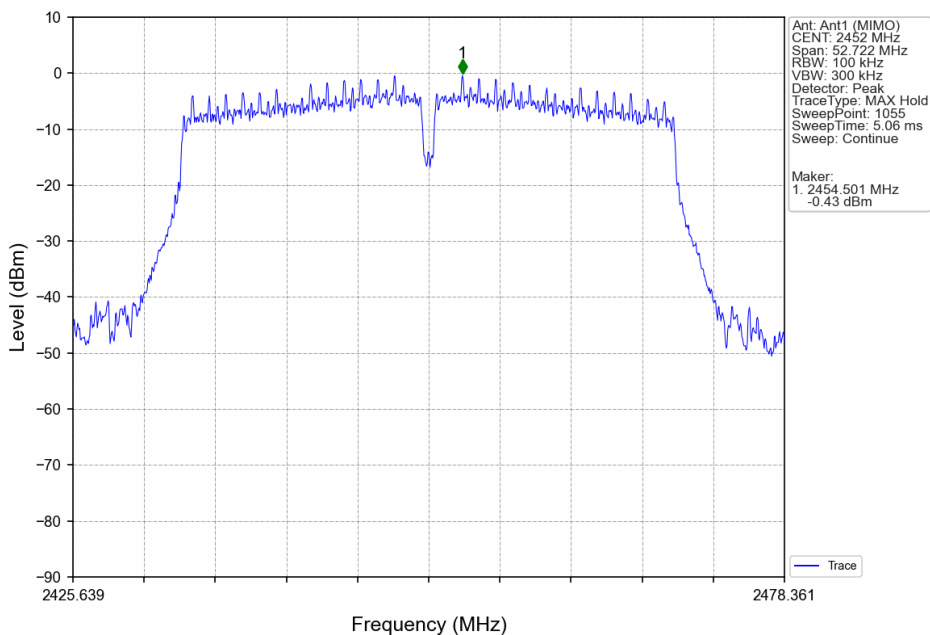
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802.11n(HT40)_HCH_2452MHz_Ant0 (MIMO)_NTNV



802.11n(HT40)_HCH_2452MHz_Ant1 (MIMO)_NTNV



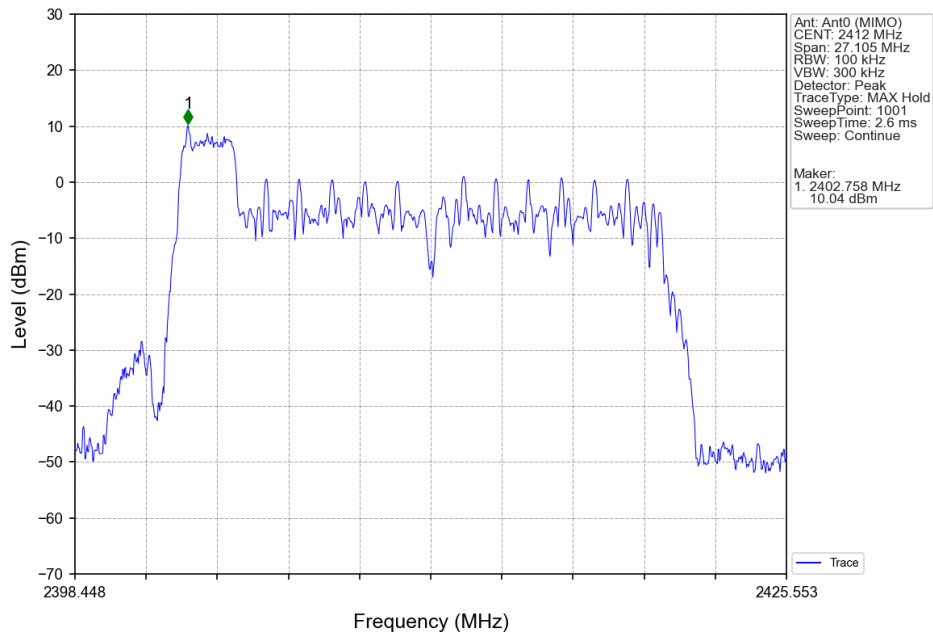
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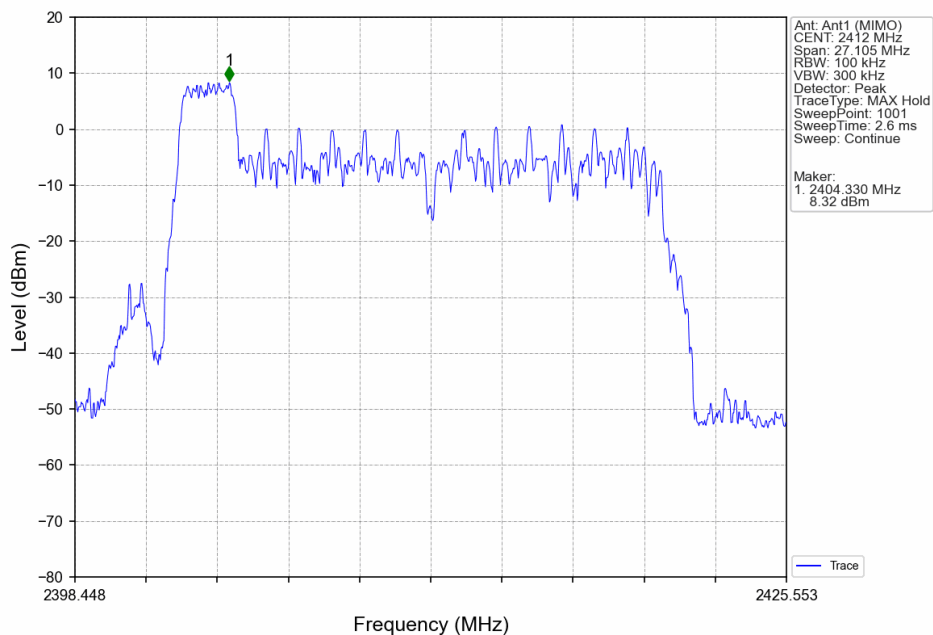
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802.11ax(HEW20)_LCH_2412MHz_RU26_Left_Ant0 (MIMO)_NTNV



802.11ax(HEW20)_LCH_2412MHz_RU26_Left_Ant1 (MIMO)_NTNV



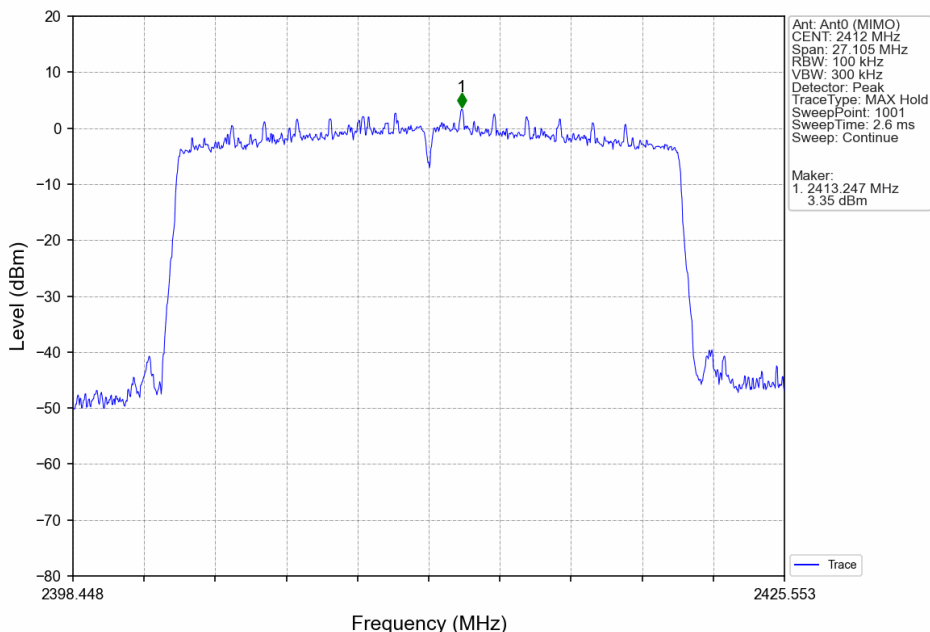
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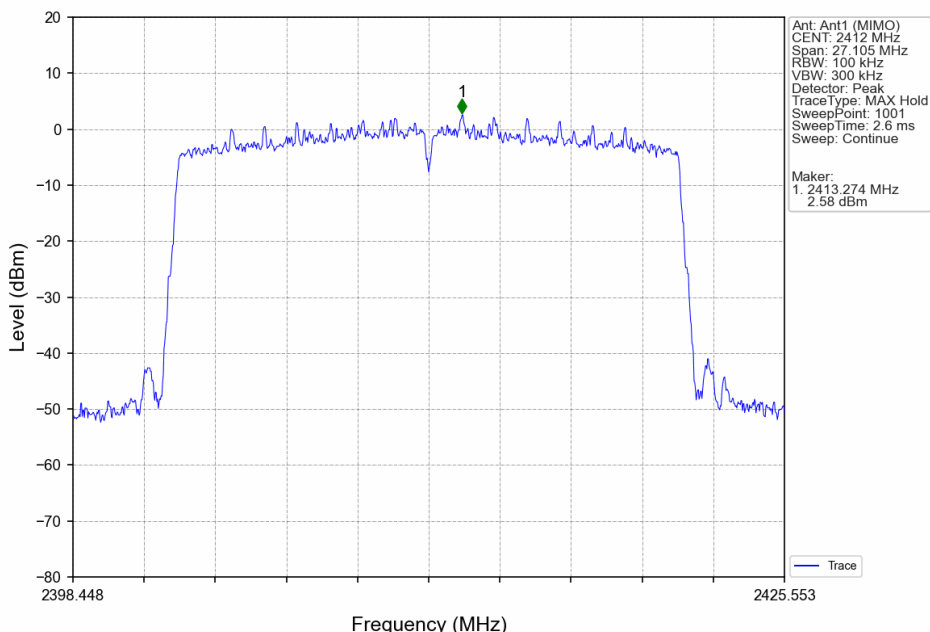
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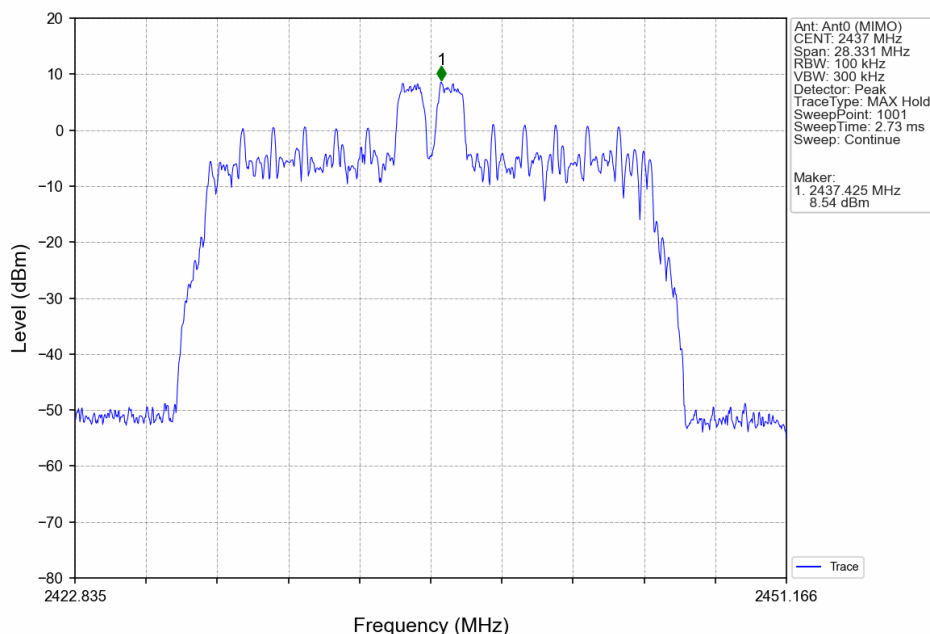
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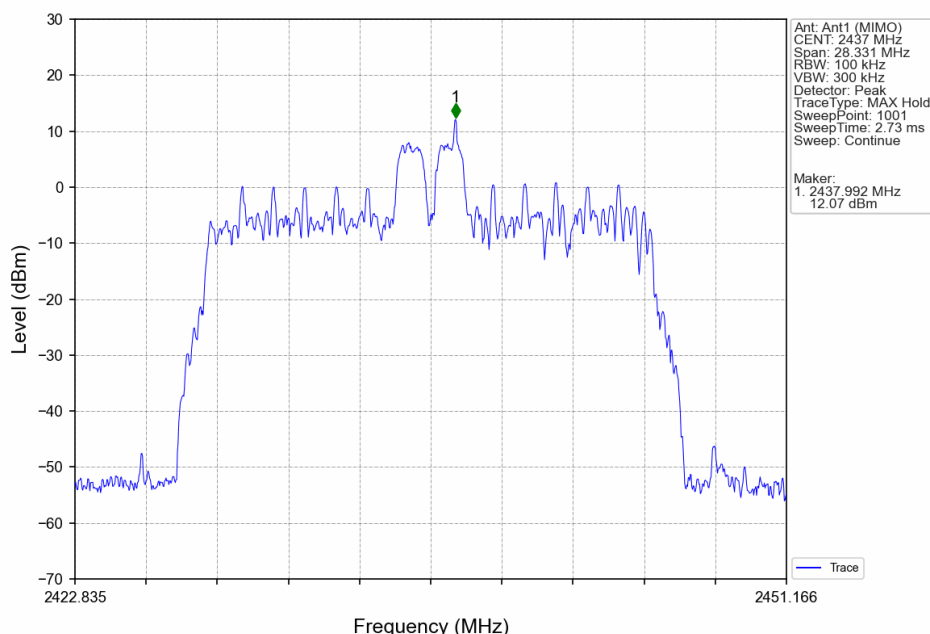
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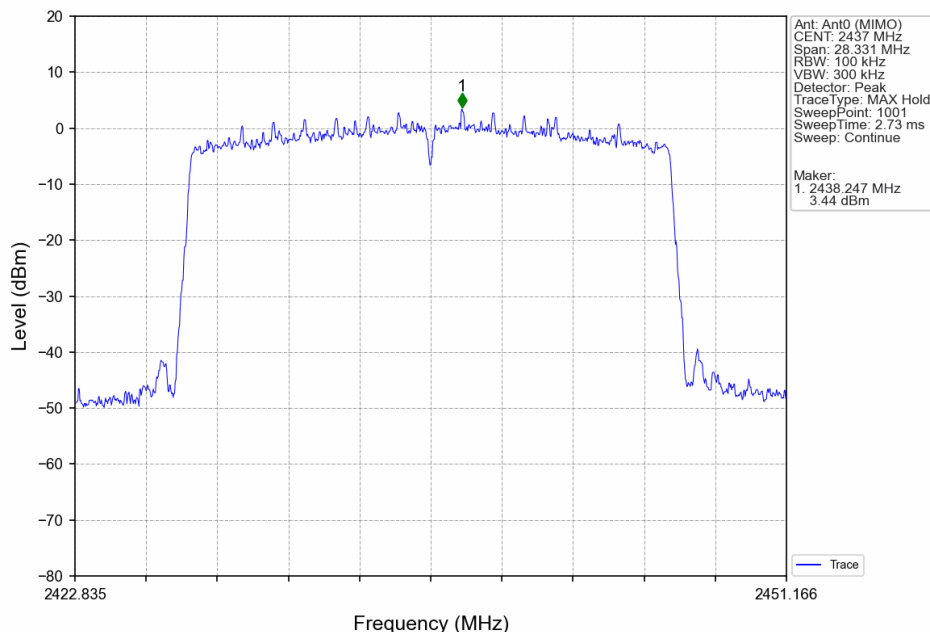
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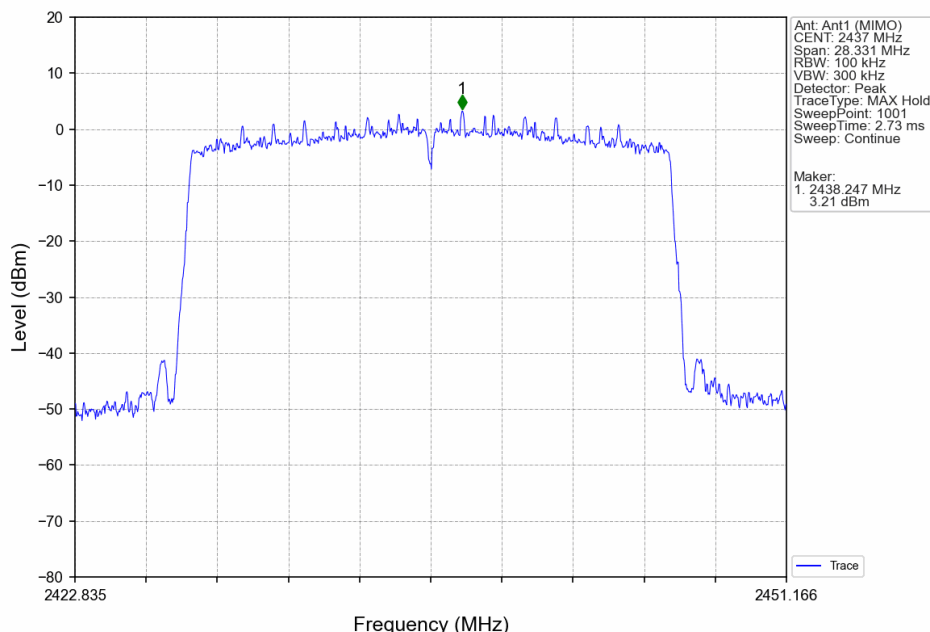
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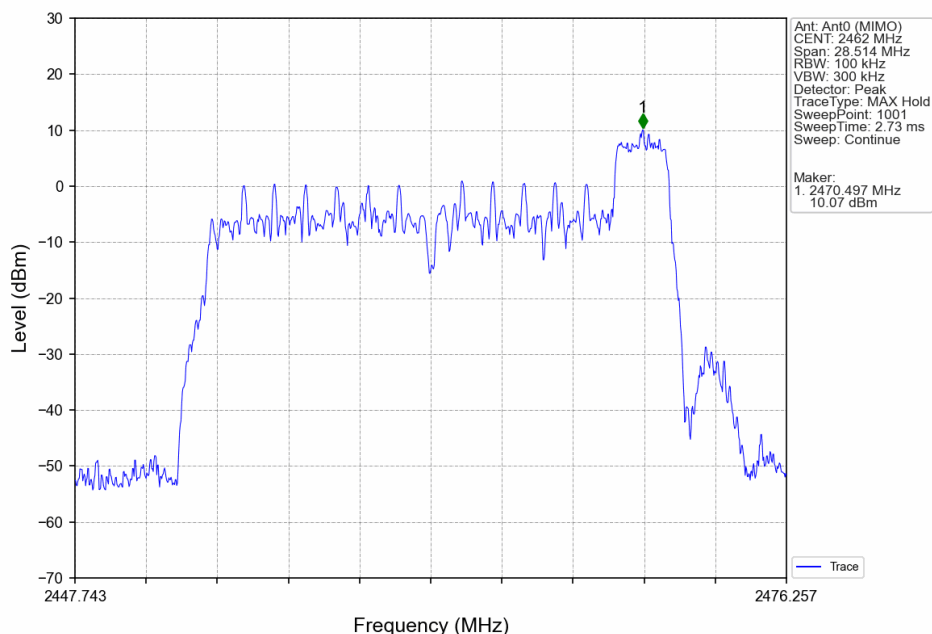
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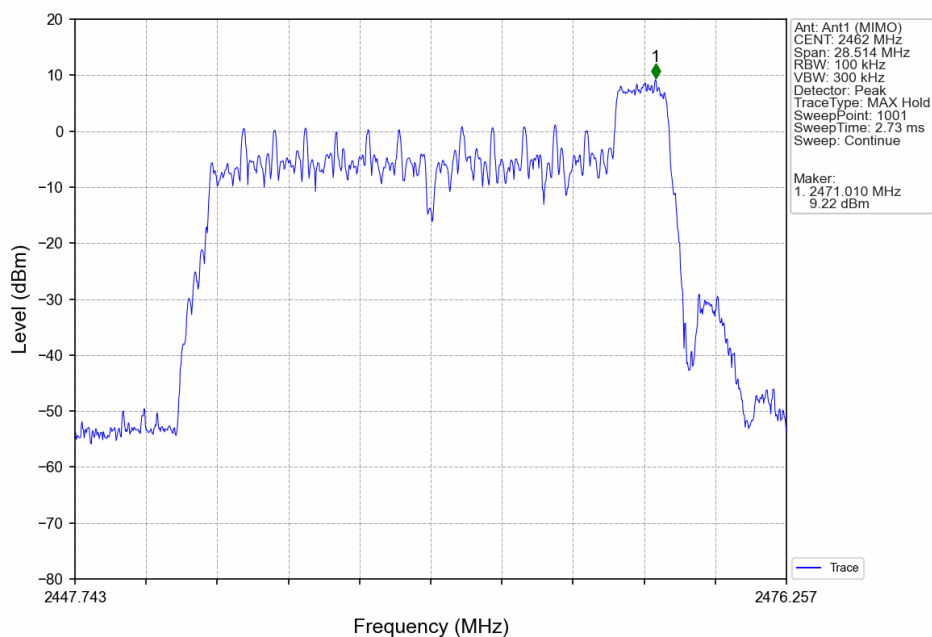
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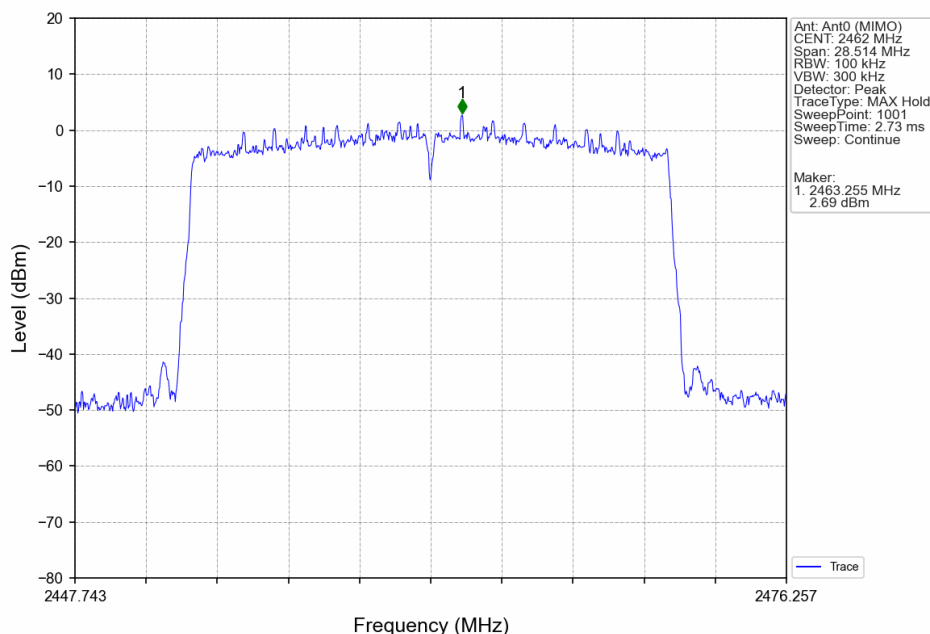
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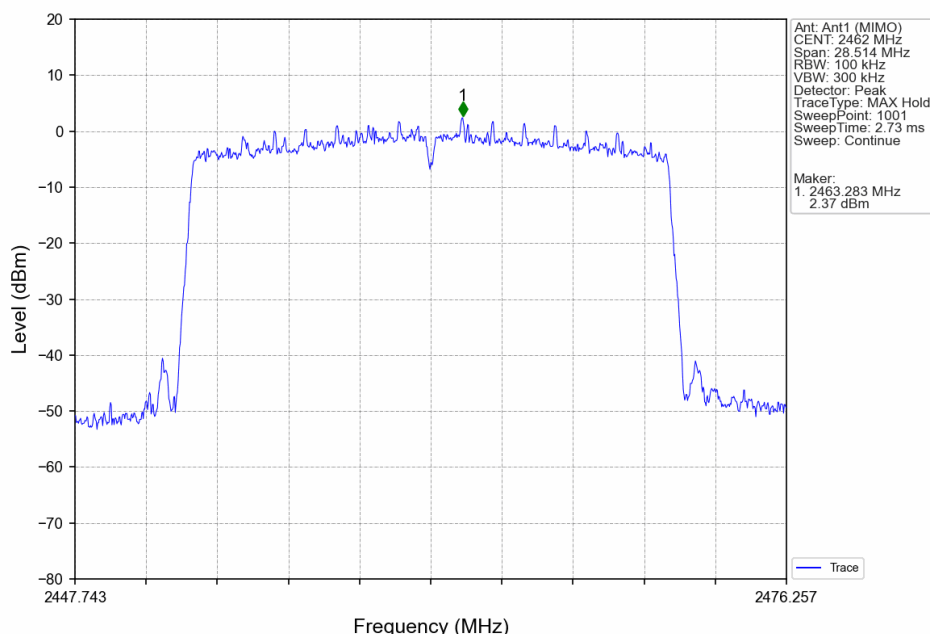
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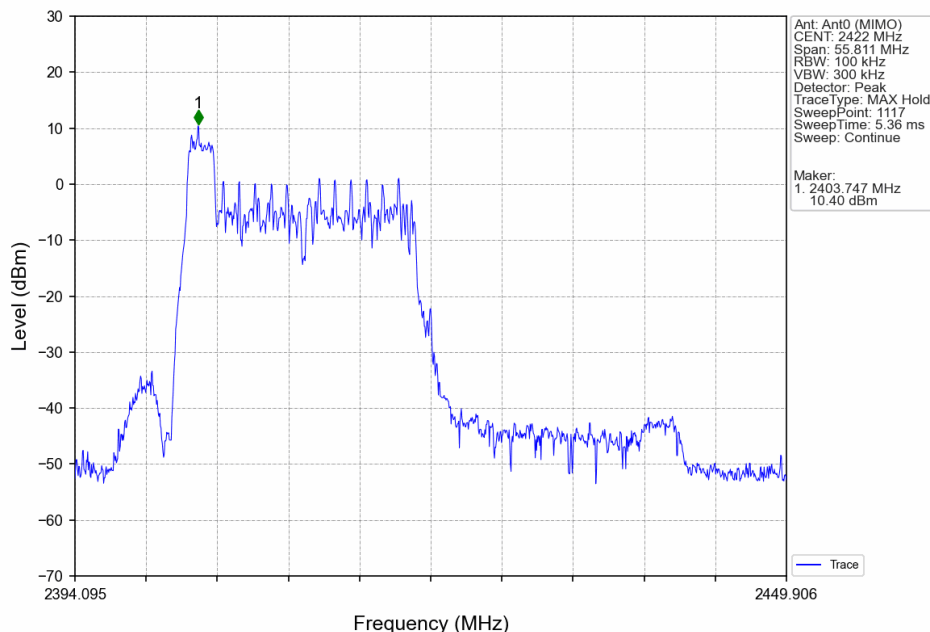
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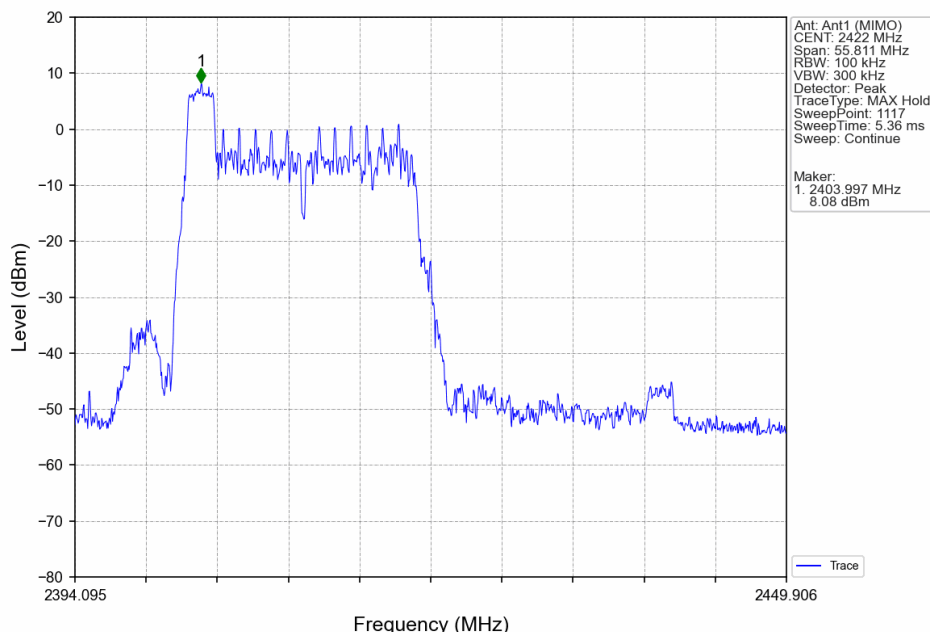
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802.11ax(HEW40)_LCH_2422MHz_RU26_Left_Ant0 (MIMO)_NTNV



802.11ax(HEW40)_LCH_2422MHz_RU26_Left_Ant1 (MIMO)_NTNV



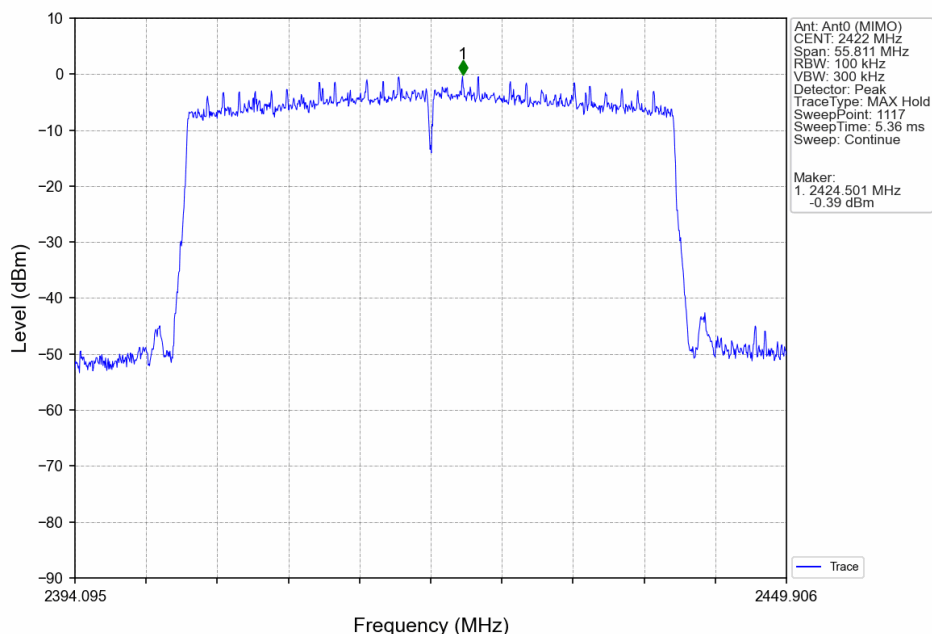
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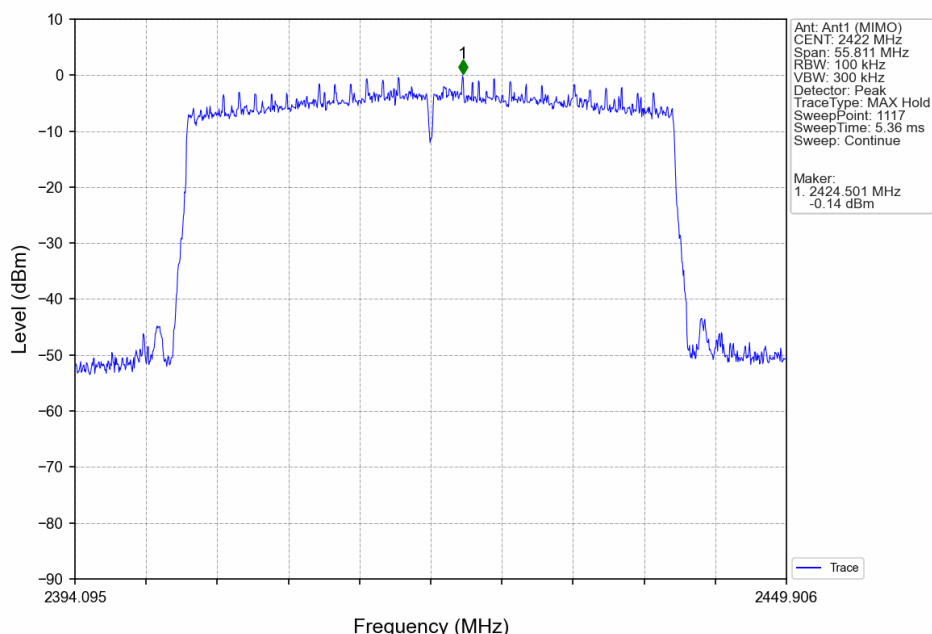
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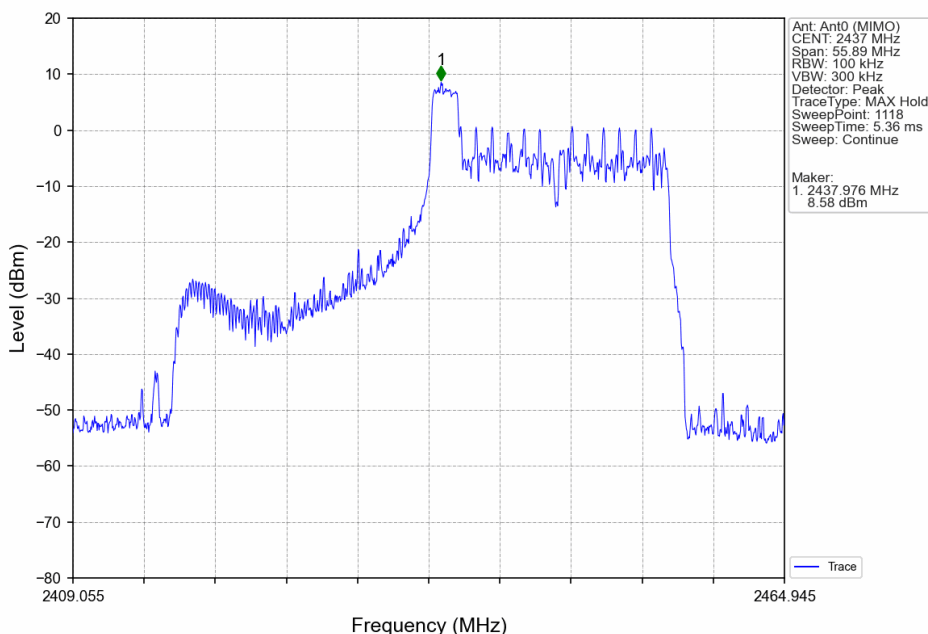
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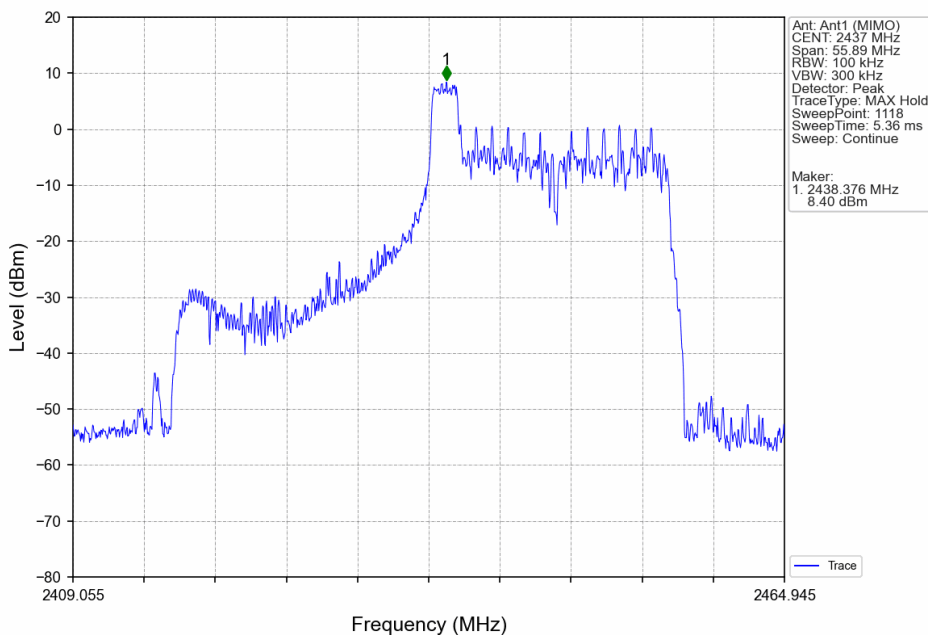
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802.11ax(HEW40)_MCH_2437MHz_RU26_Mid_Ant1 (MIMO)_NTNV



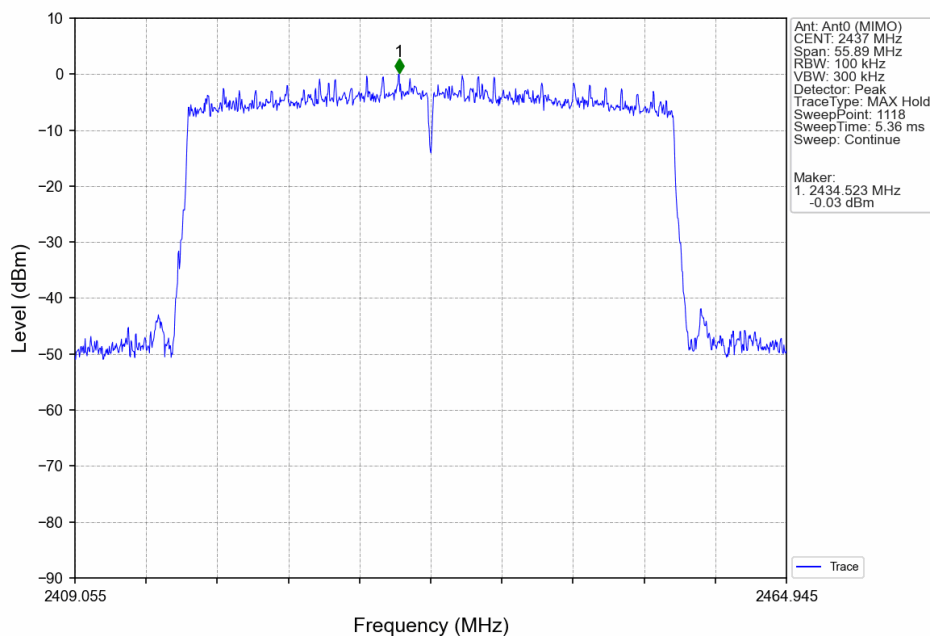
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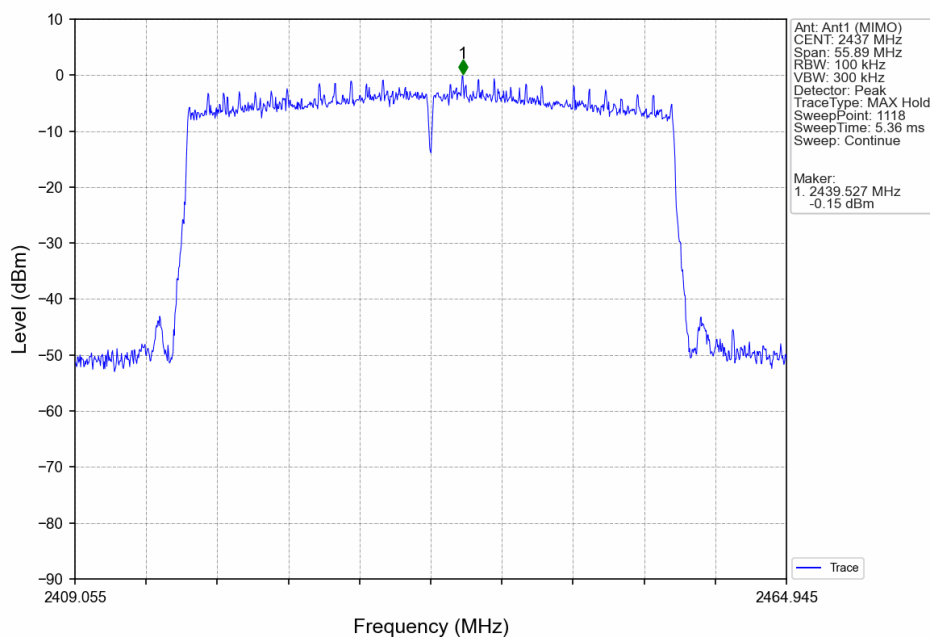
SGS-CSTC Standards Technical Services Co., Ltd.
Shenzhen Branch Inspection & Testing Laboratory

No.1 Workshop, M-10, Middle Section, Science & Technology Park, Nanshan District, Shenzhen, Guangdong, China 518057 t (86-755) 26012053 f (86-755) 26710594 www.sgsgroup.com.cn
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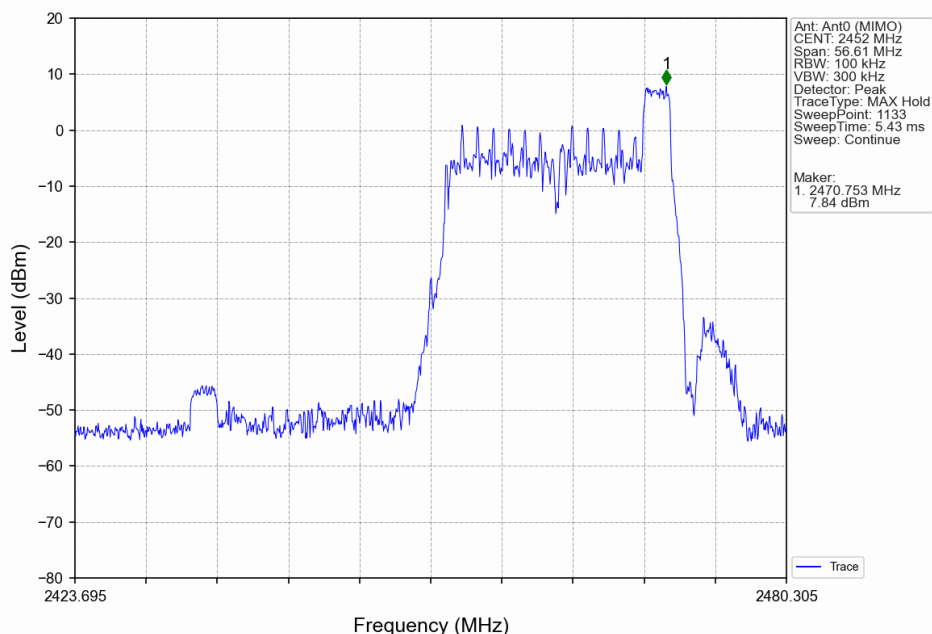
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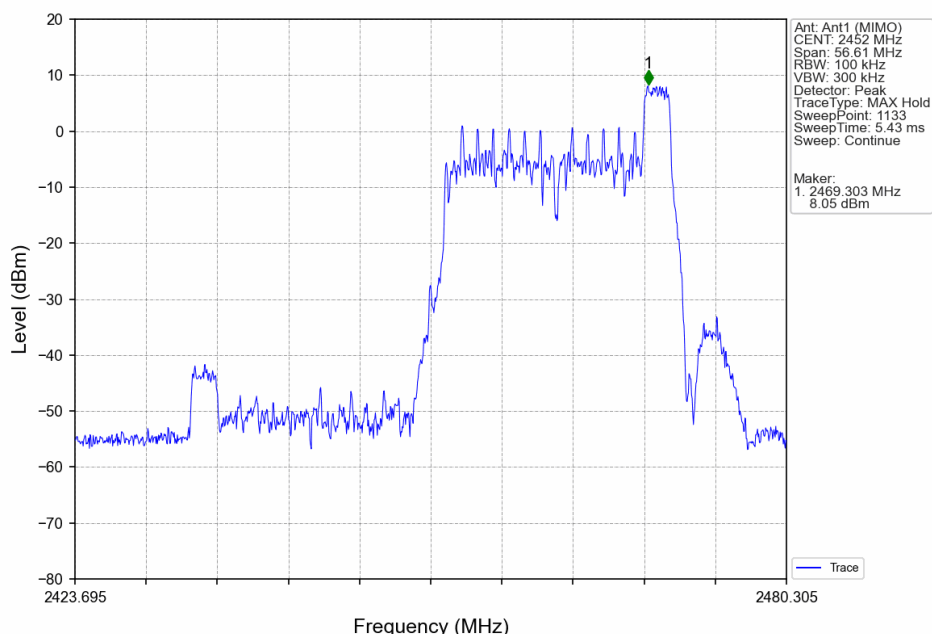
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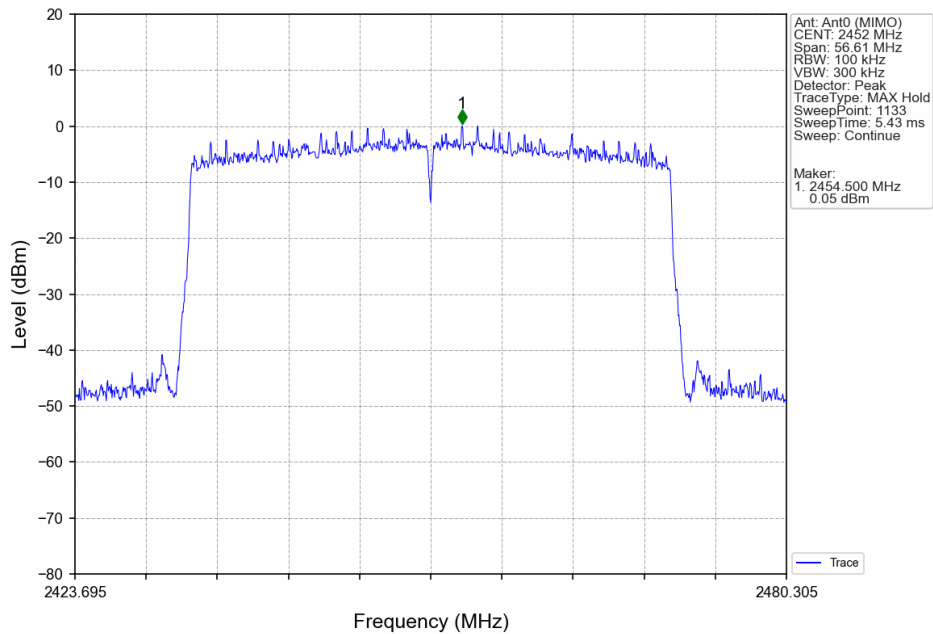
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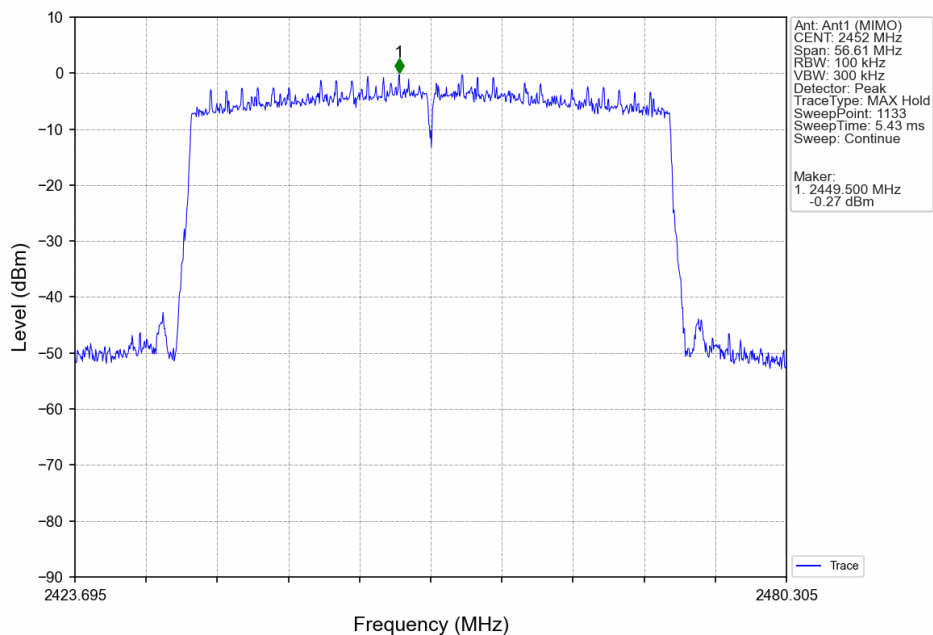
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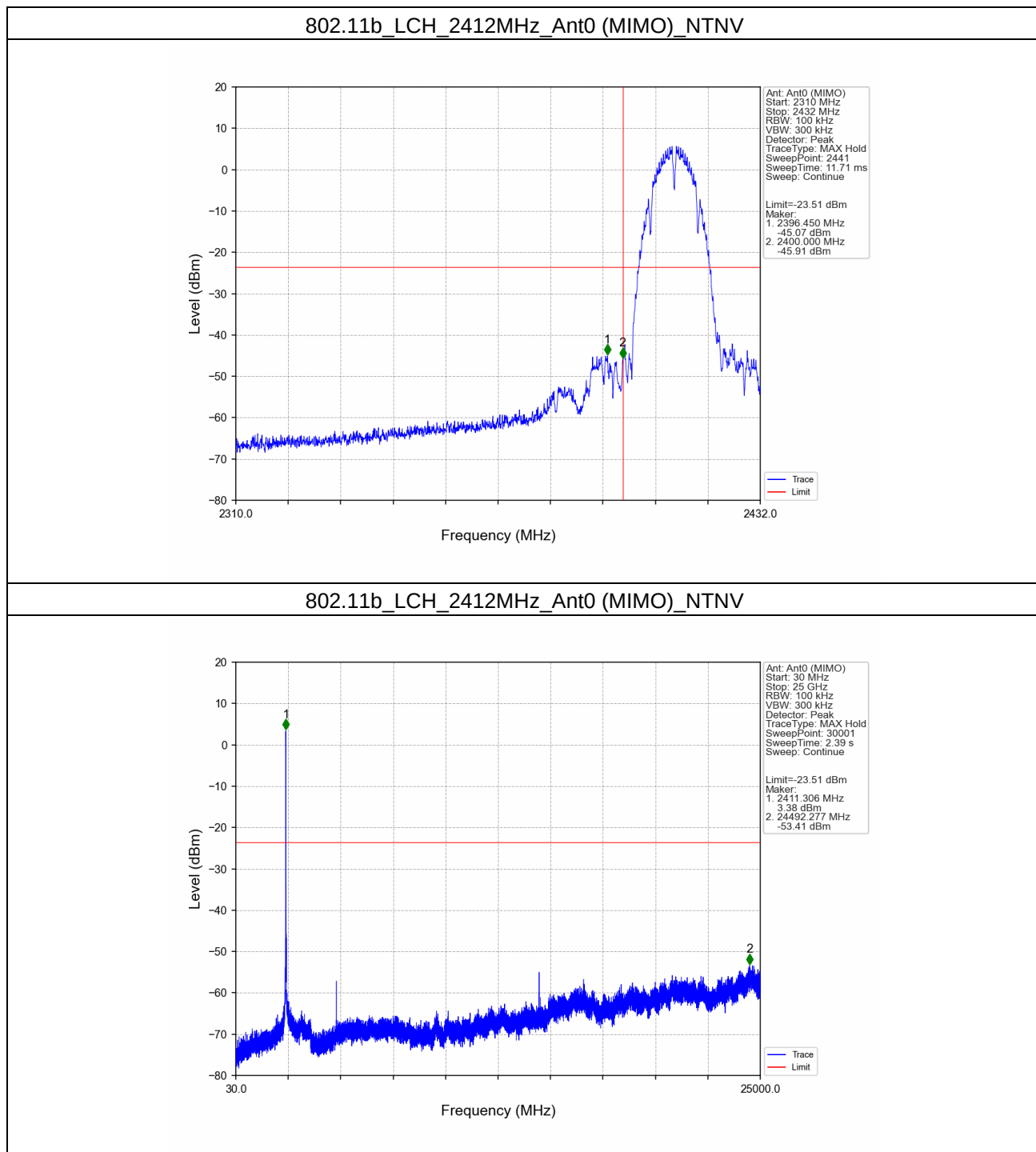
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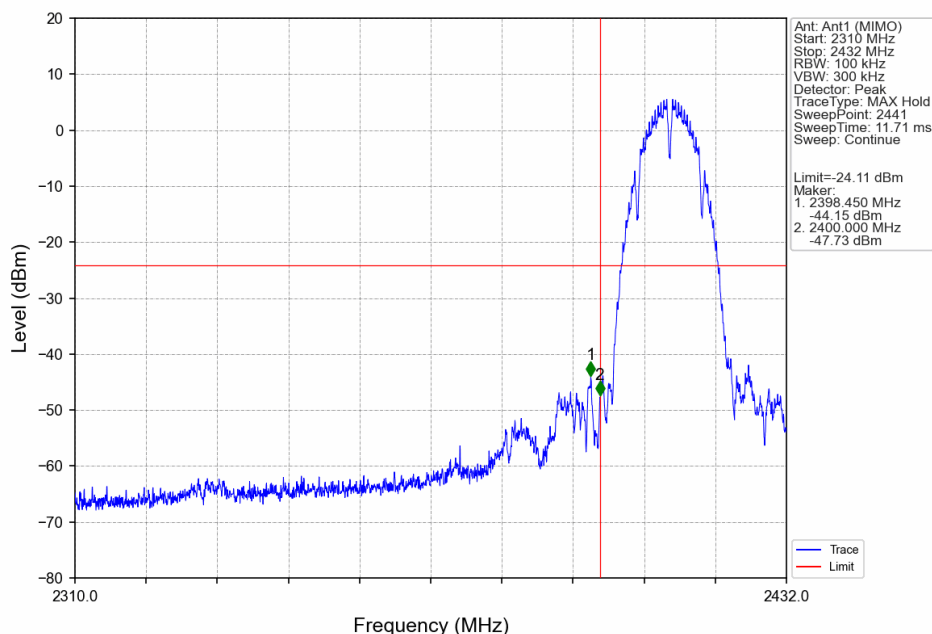
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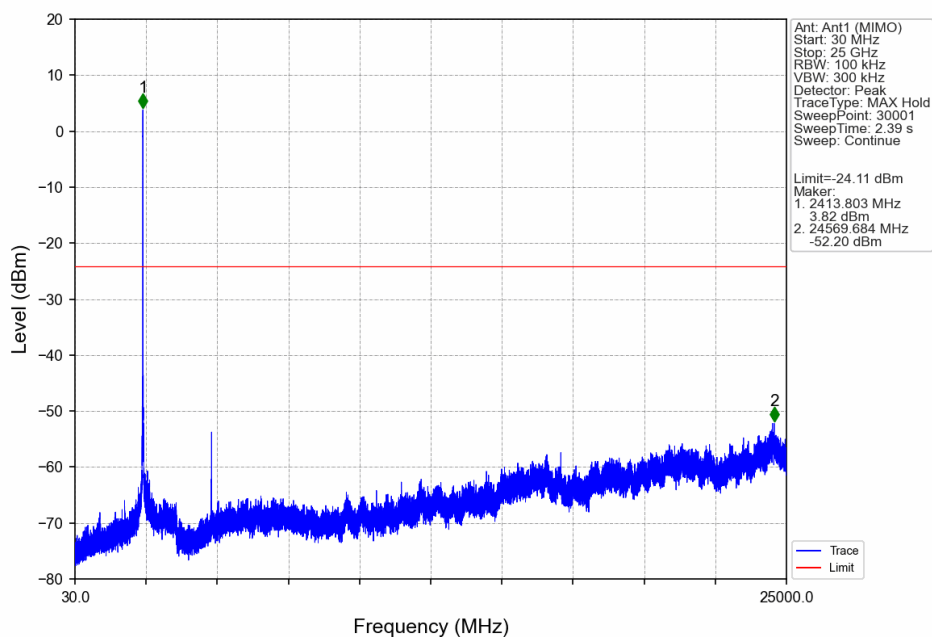
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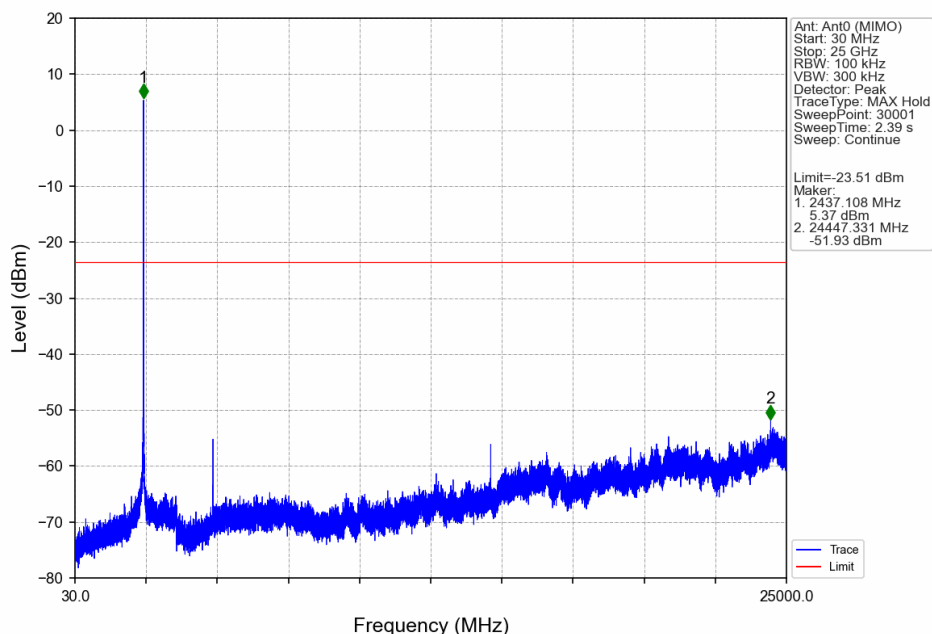
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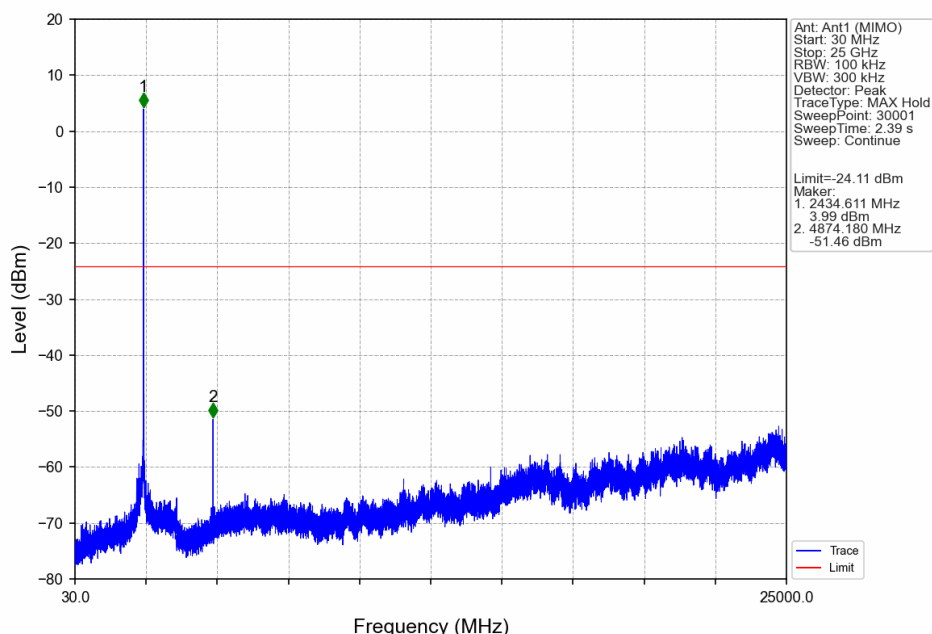
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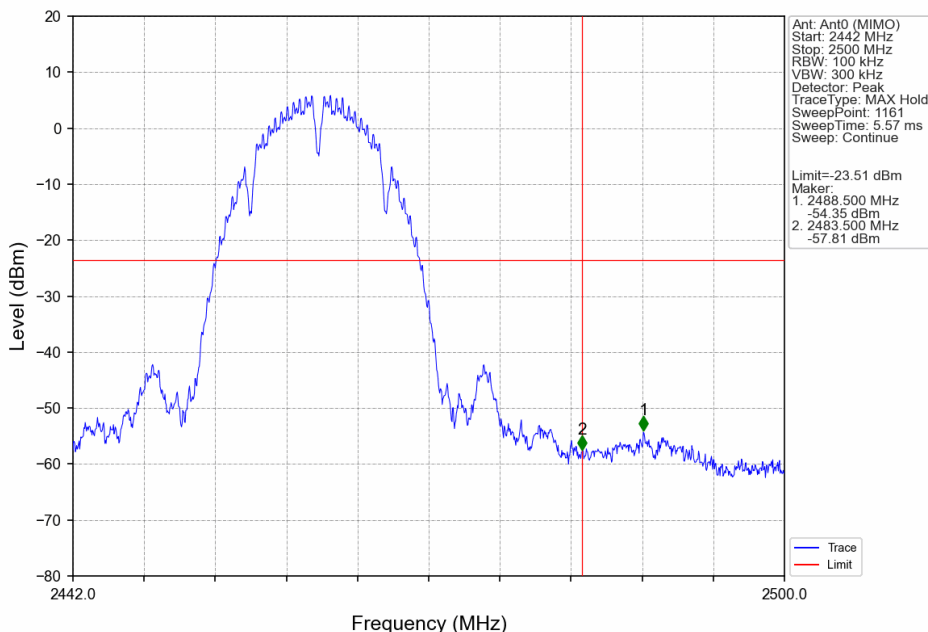
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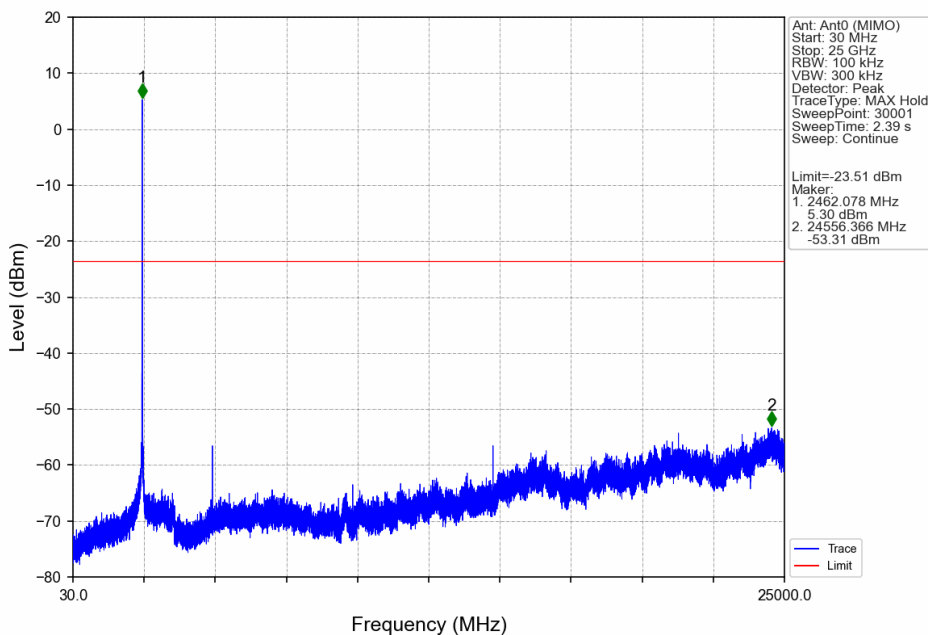
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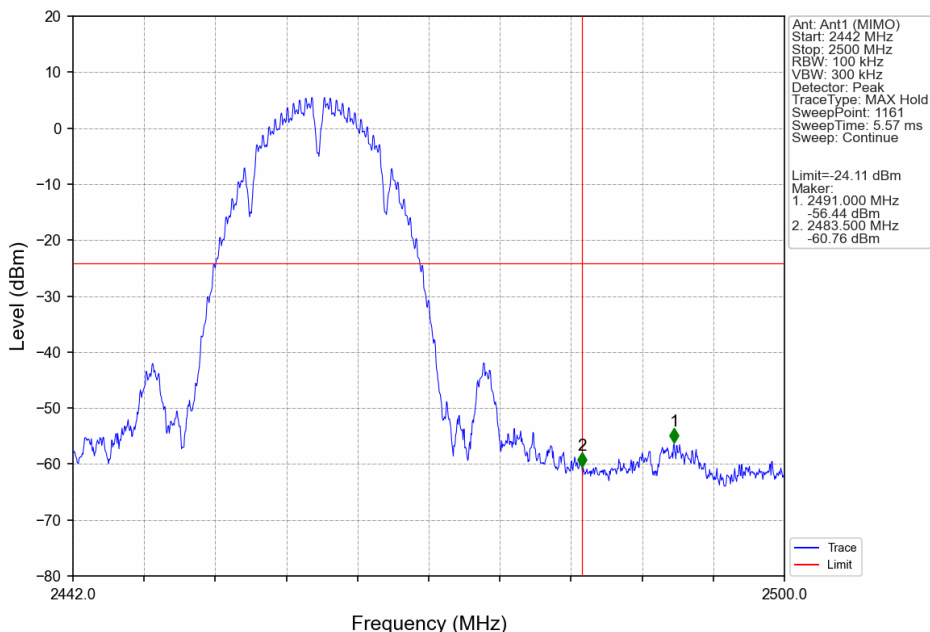
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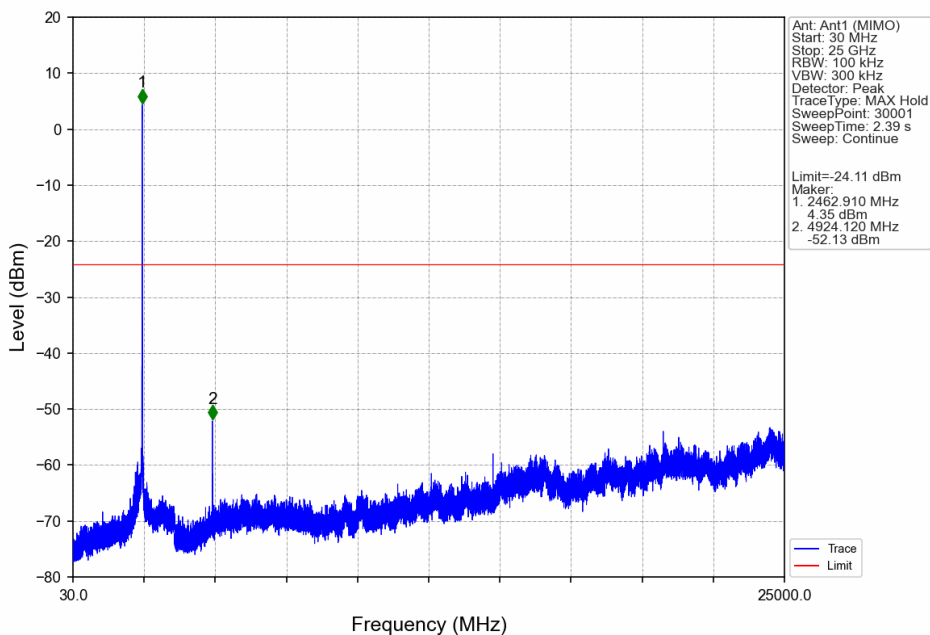
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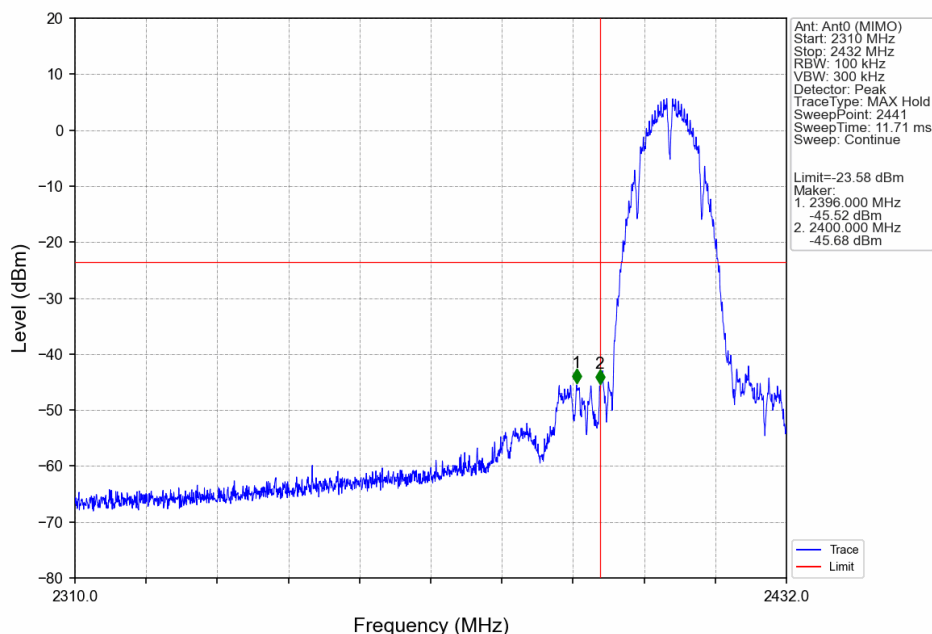
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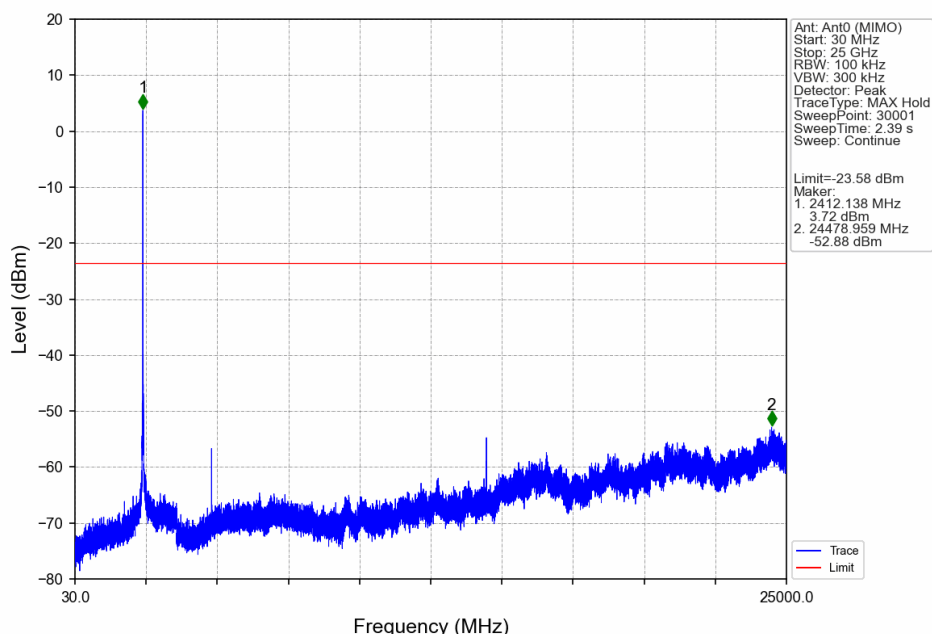
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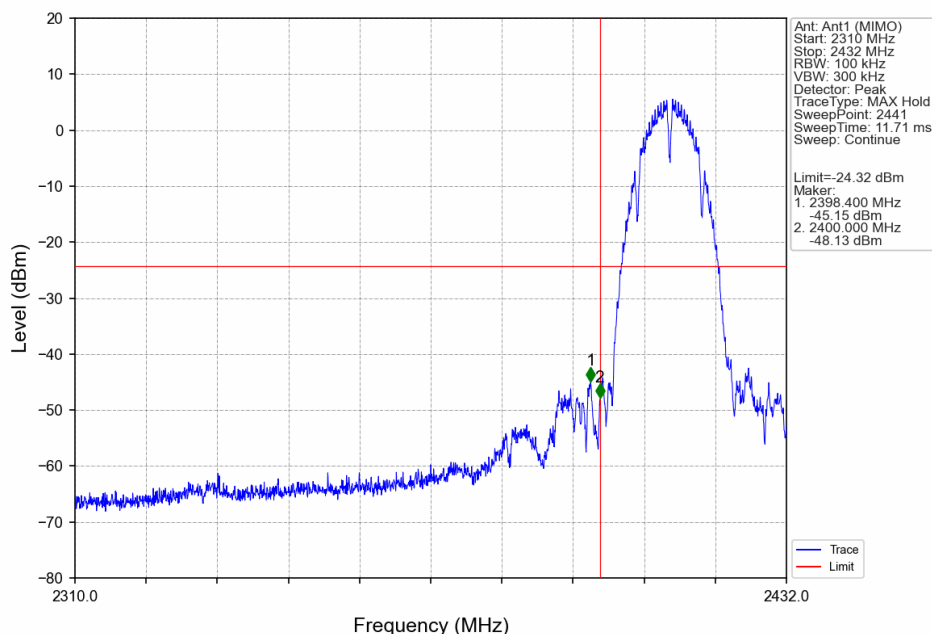
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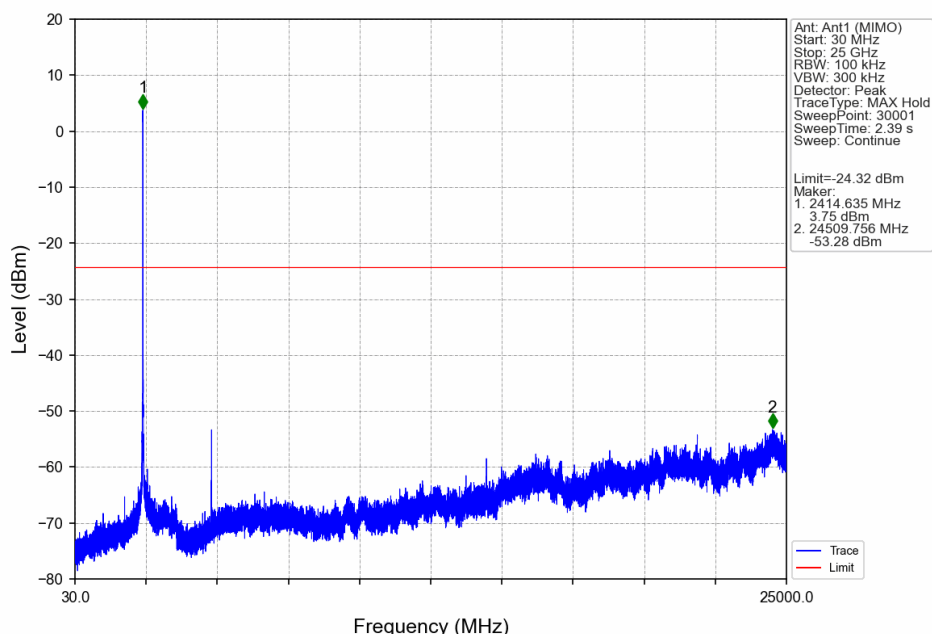
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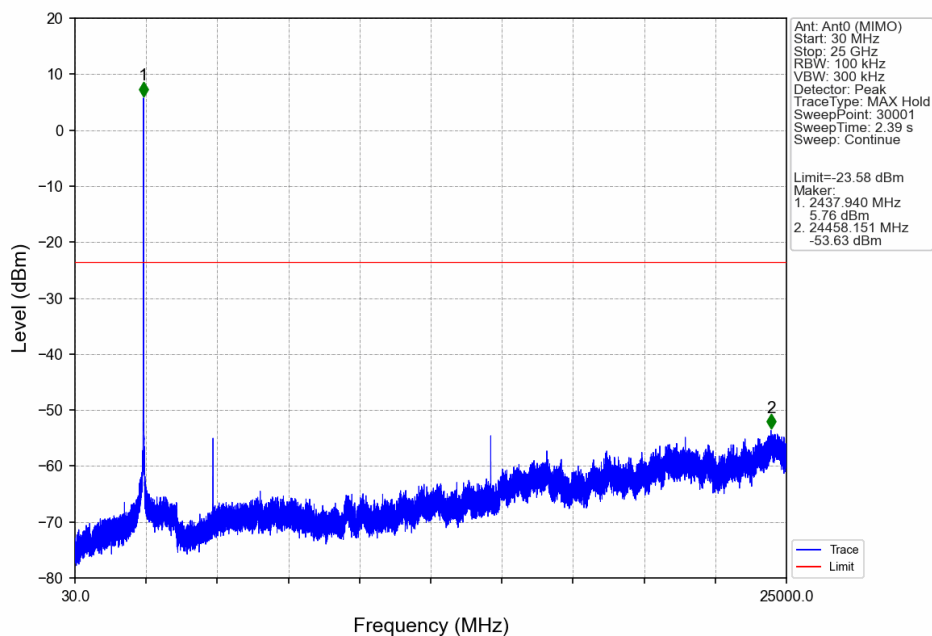
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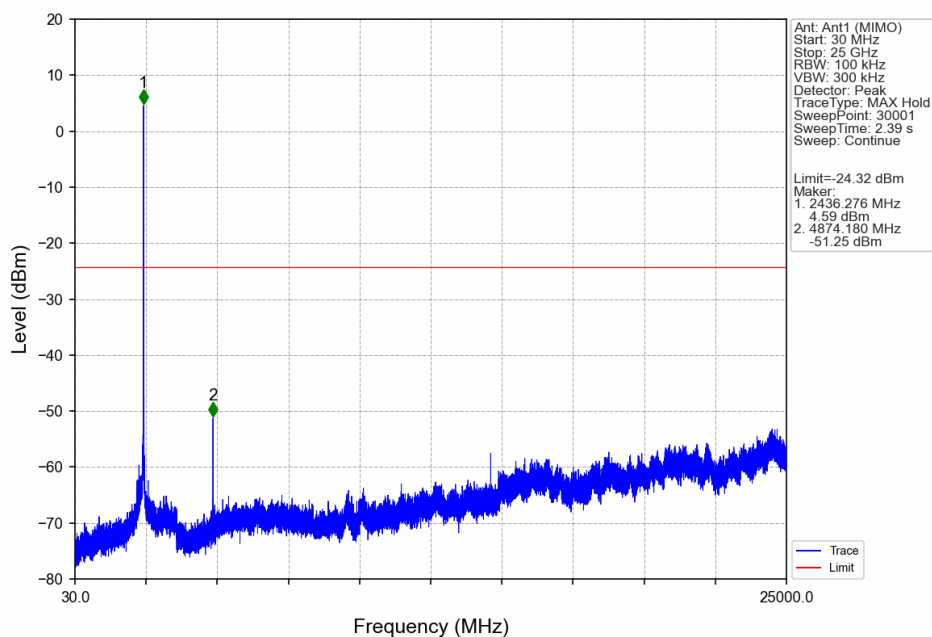
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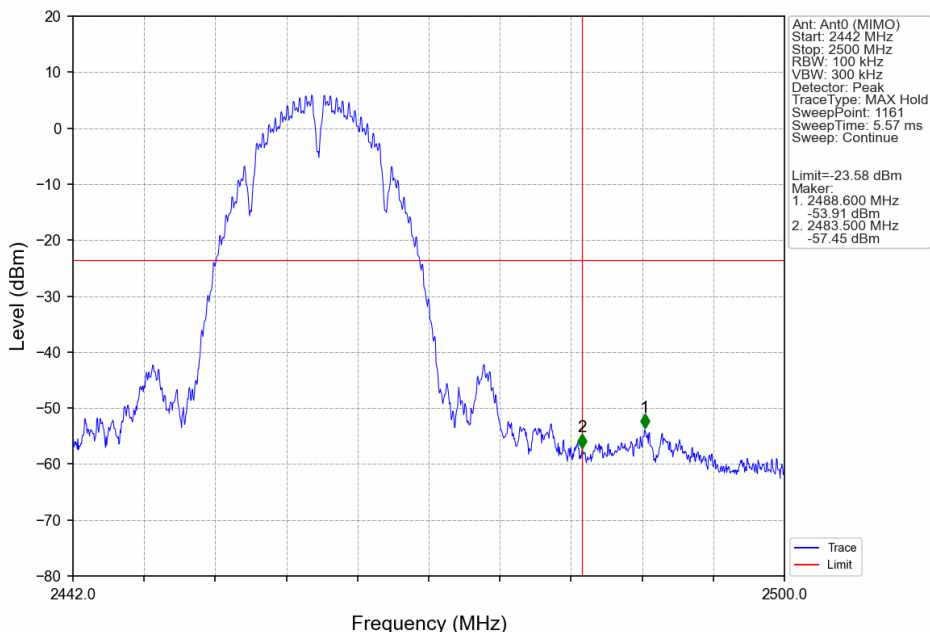
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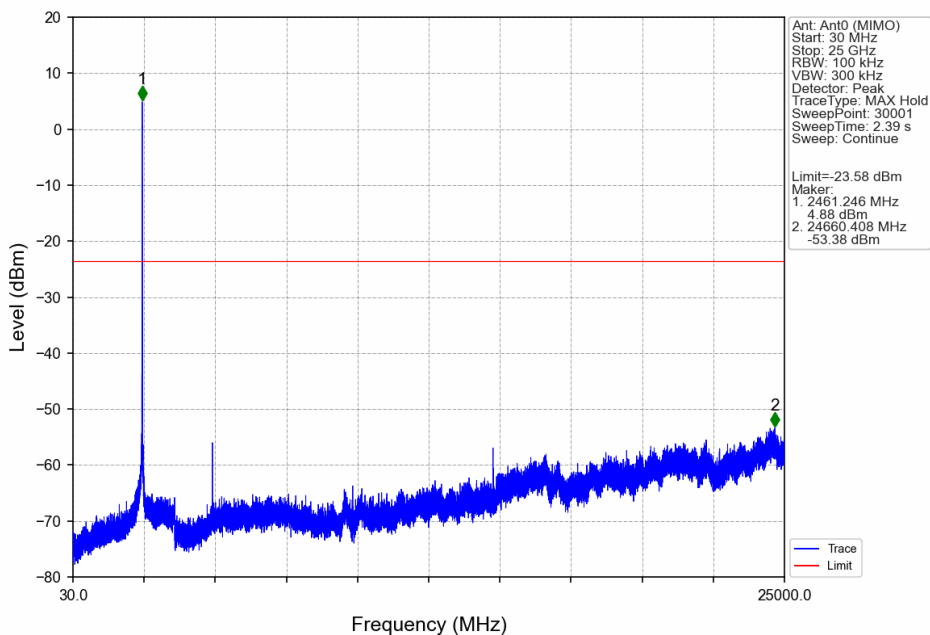
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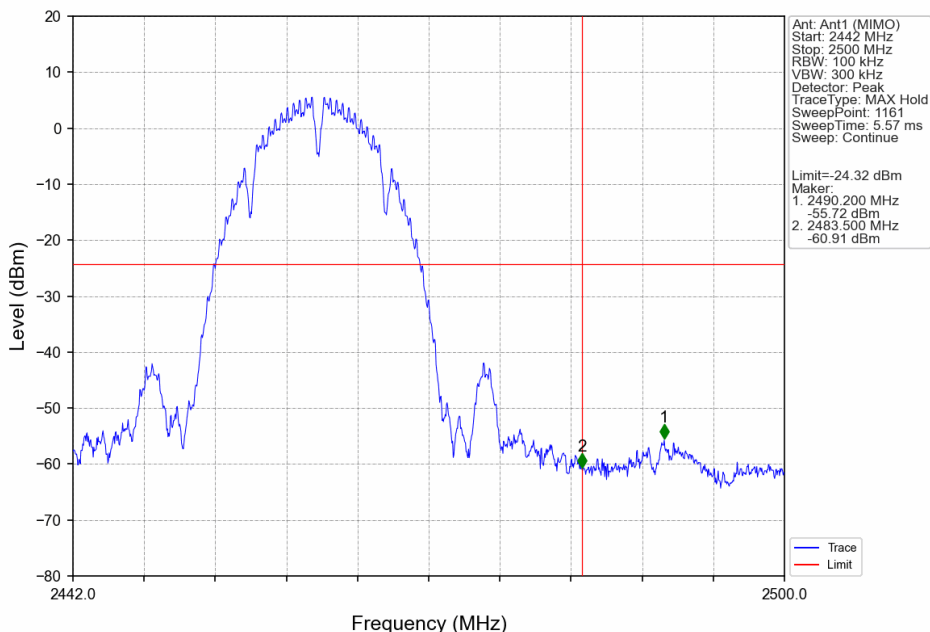
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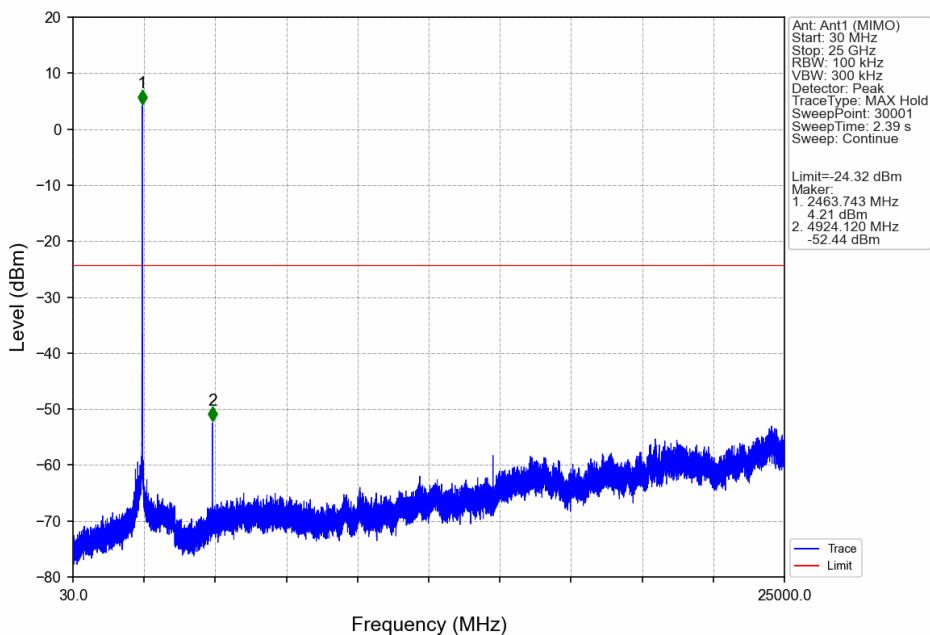
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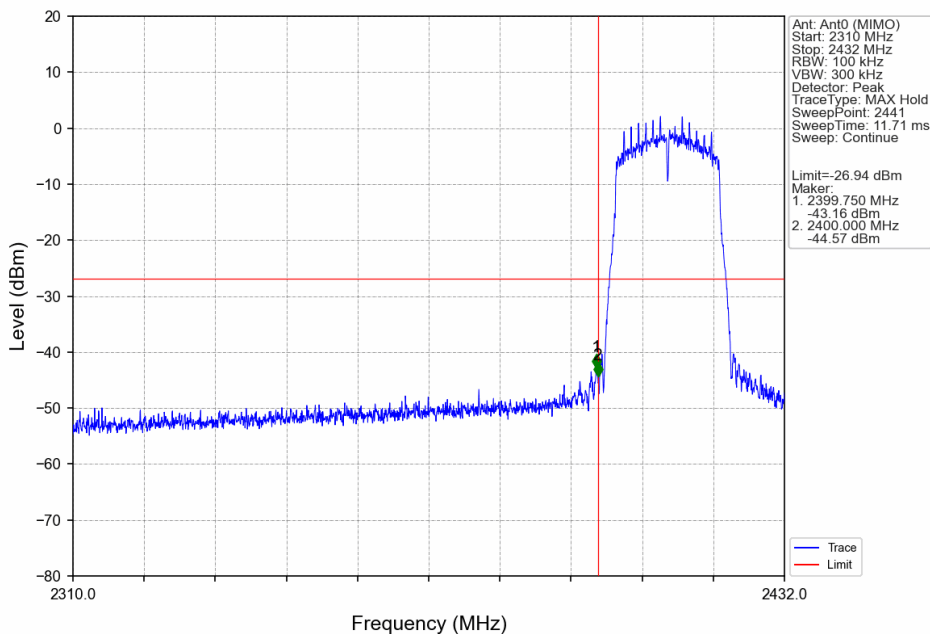
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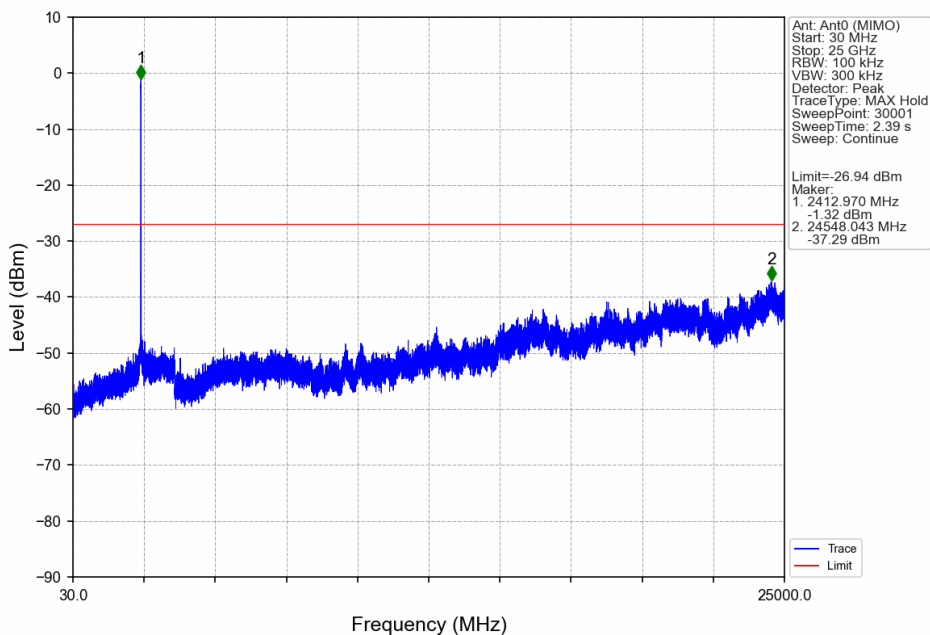
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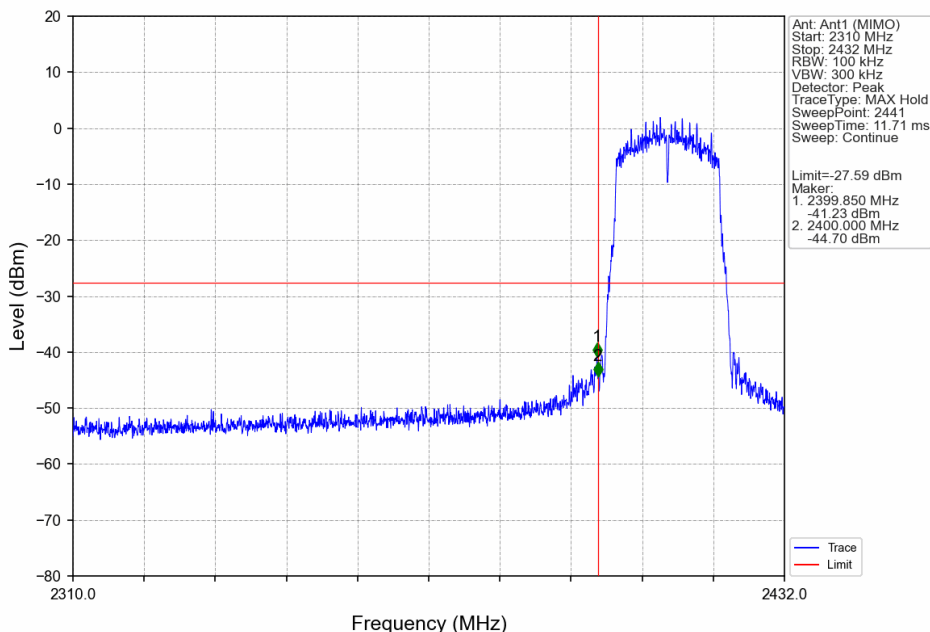
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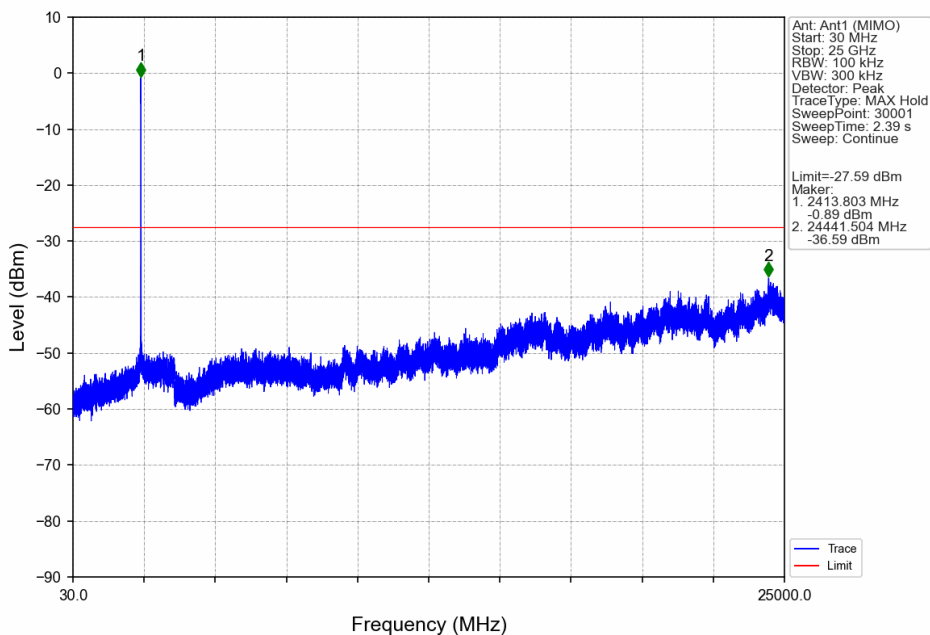
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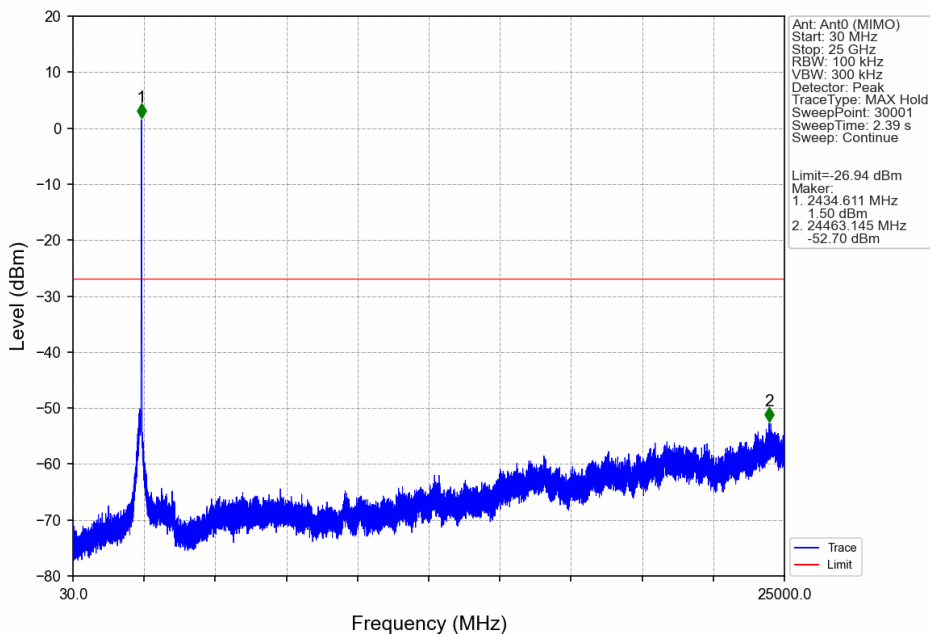
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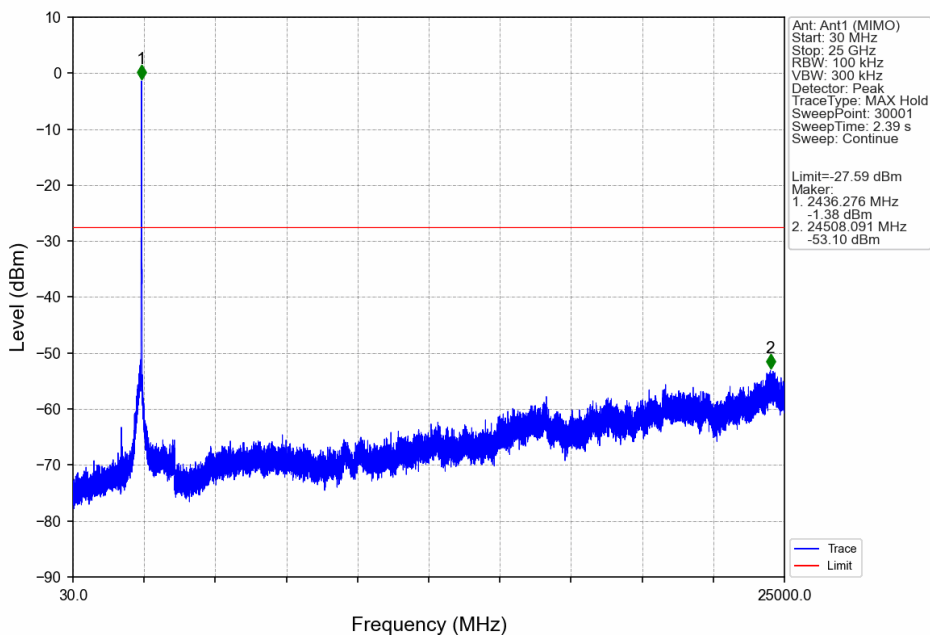
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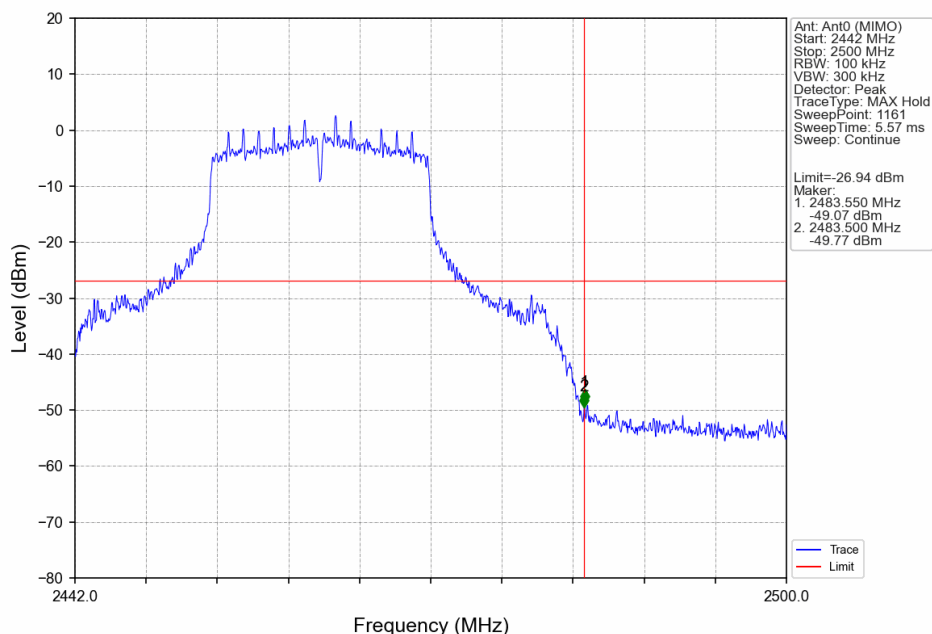
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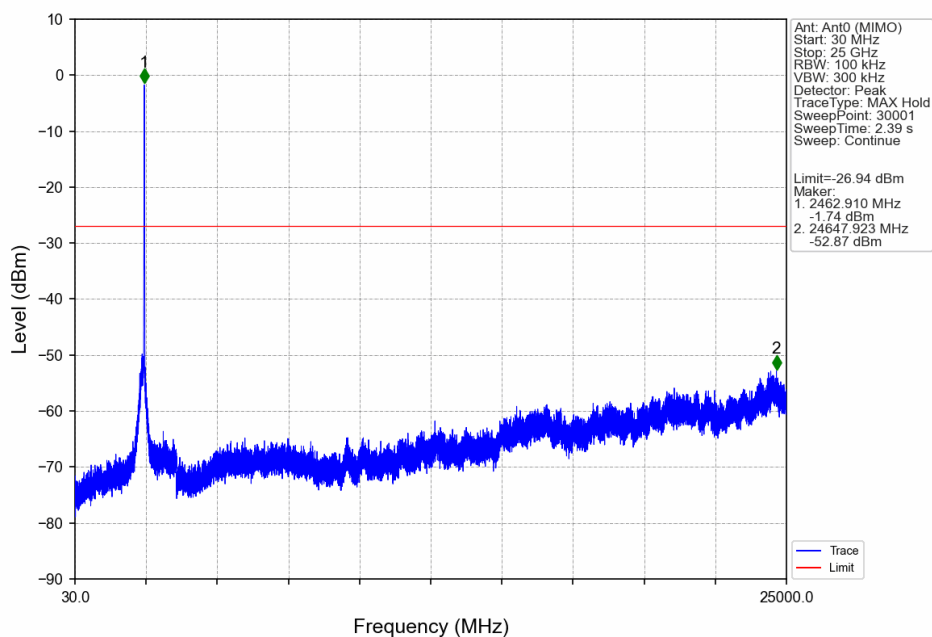
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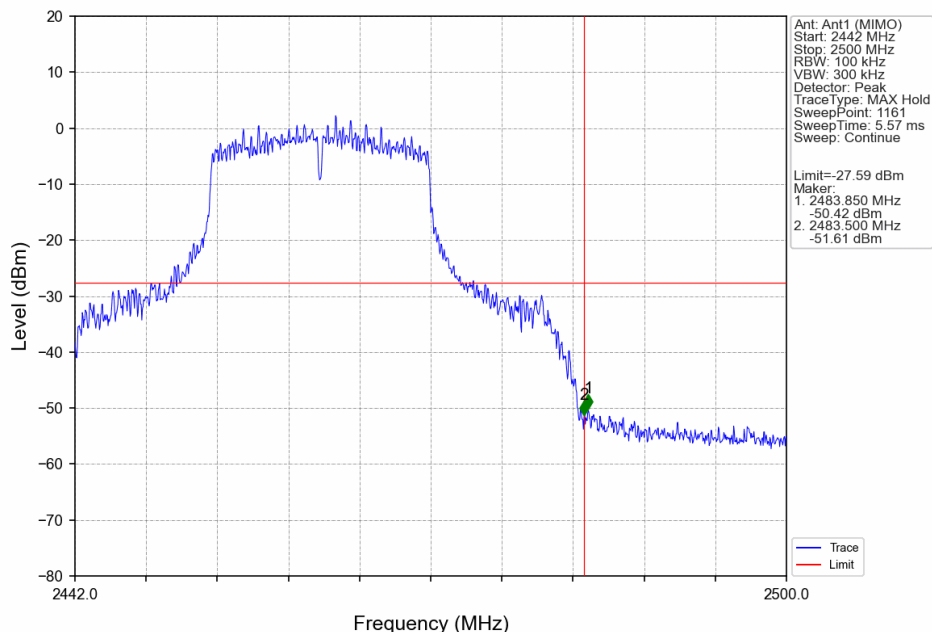
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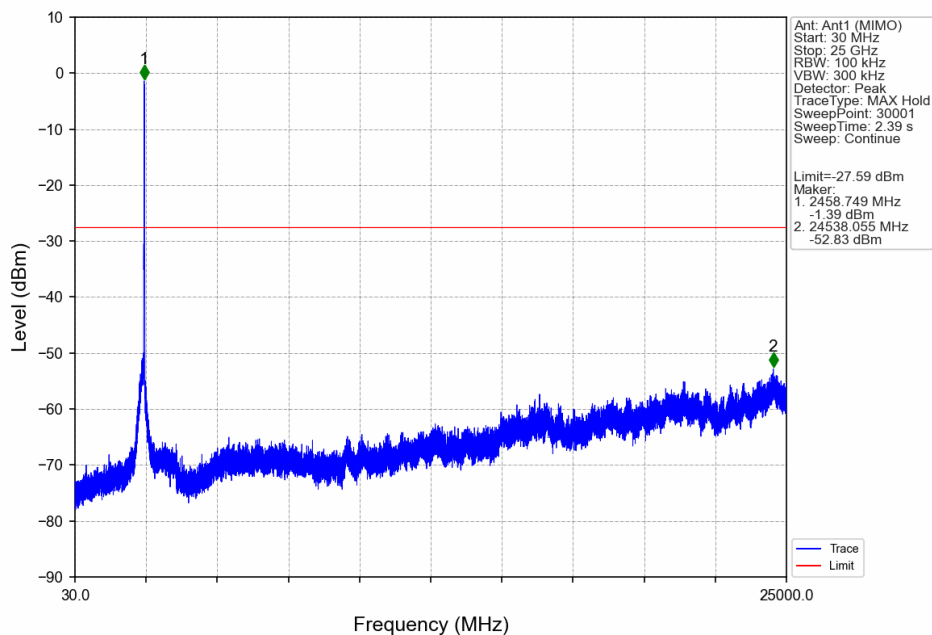
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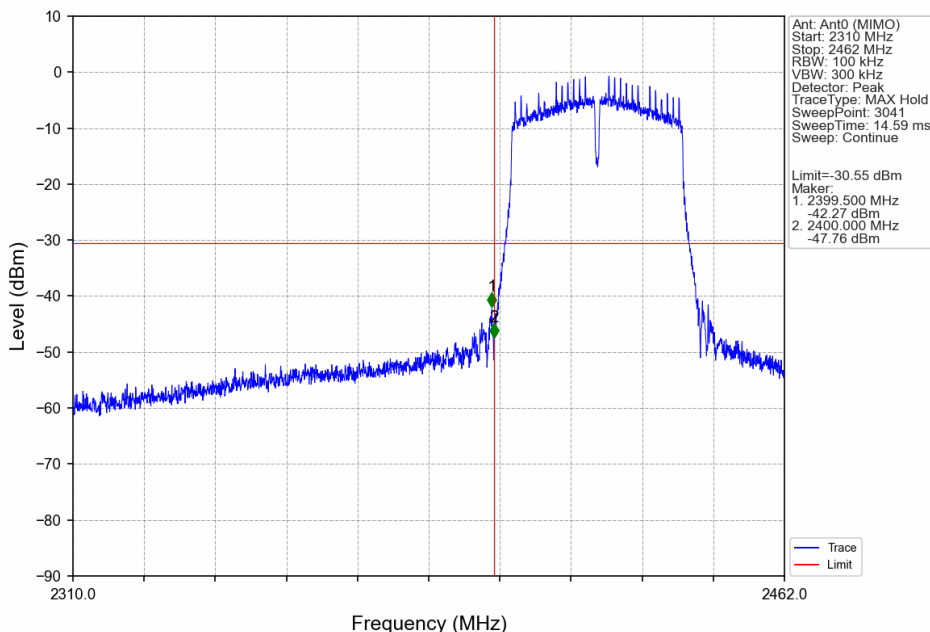
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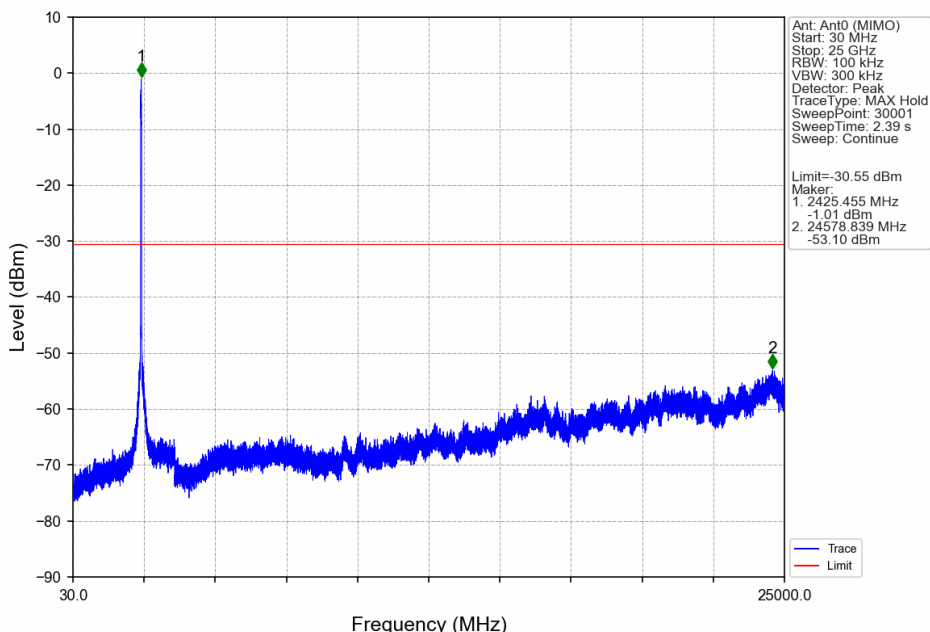
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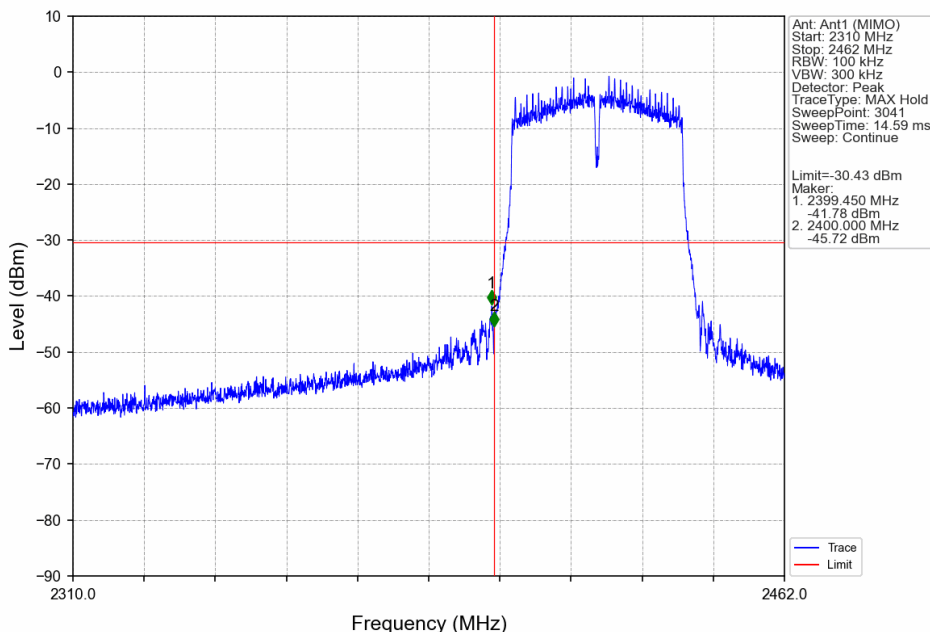
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802.11n(HT40)_LCH_2422MHz_Ant0 (MIMO)_NTNV



802.11n(HT40)_LCH_2422MHz_Ant1 (MIMO)_NTNV



802.11n(HT40)_LCH_2422MHz_Ant1 (MIMO)_NTNV

