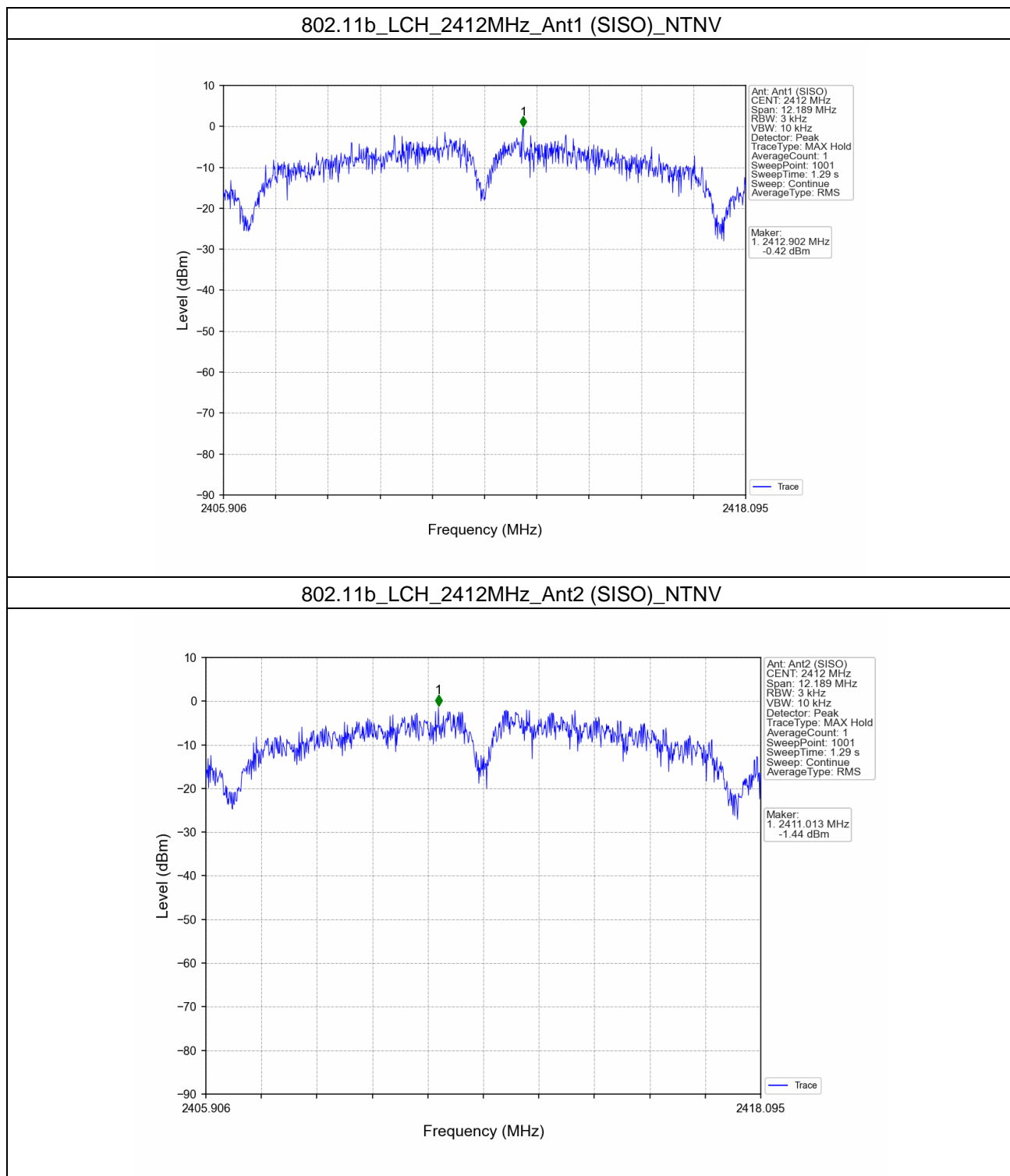
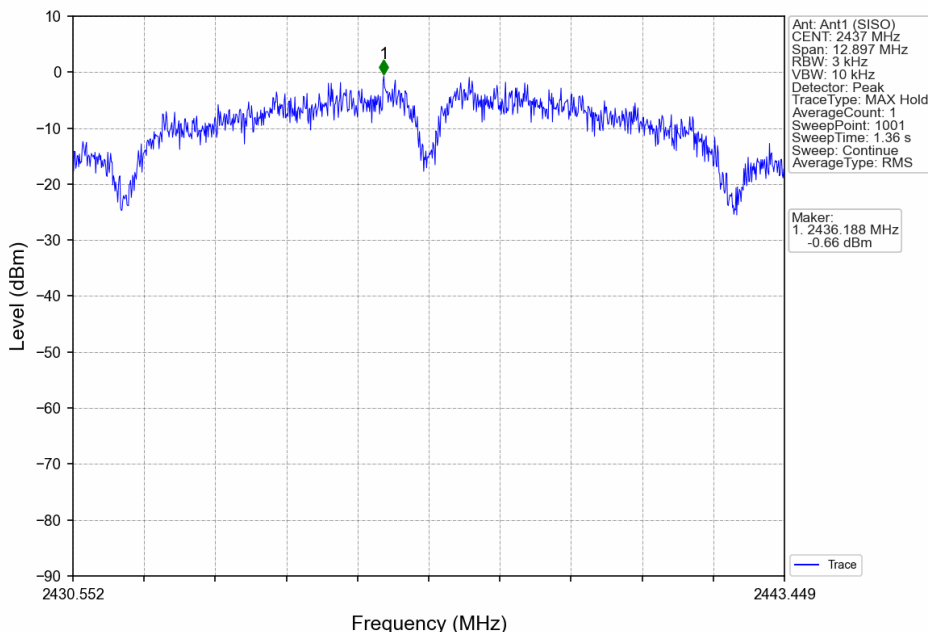


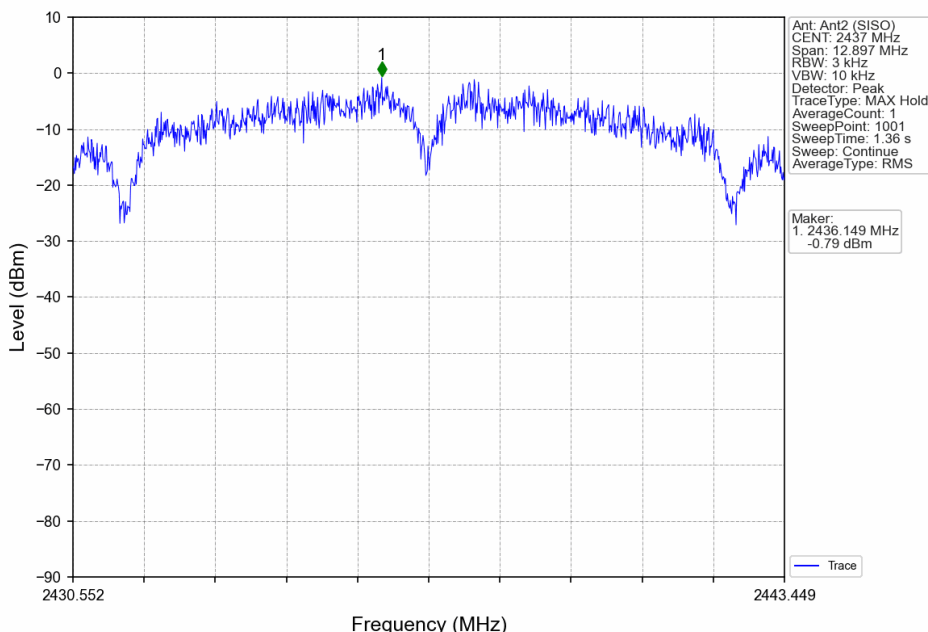
4.1.2 Test Graph



802.11b_MCH_2437MHz_Ant1 (SISO)_NTNV



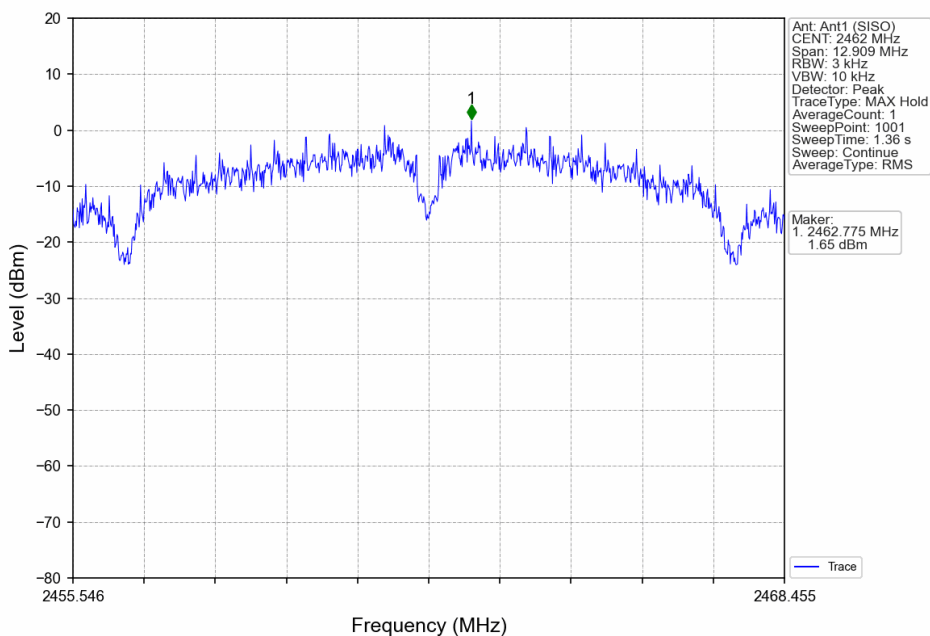
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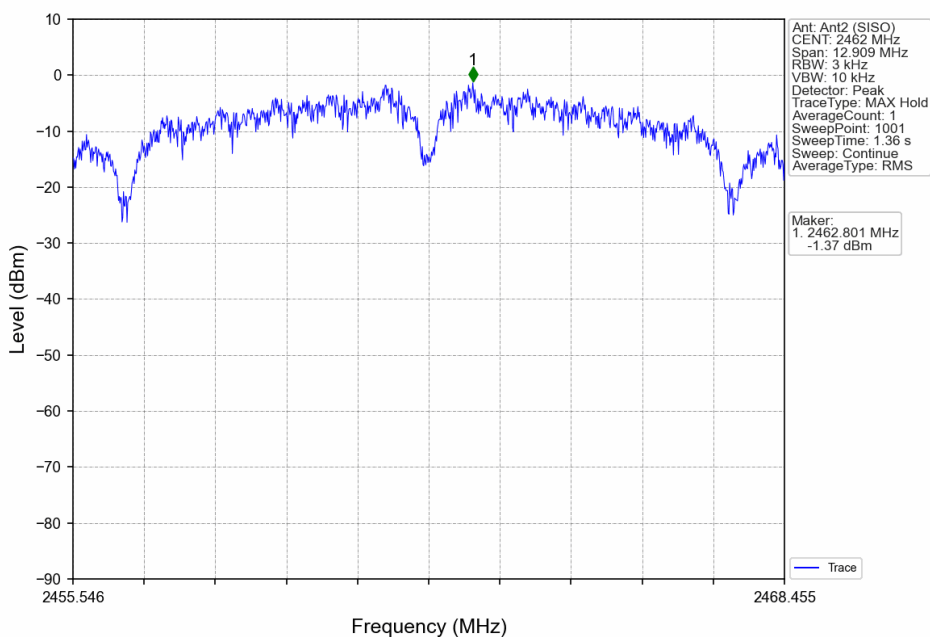
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802.11b_HCH_2462MHz_Ant1 (SISO)_NTNV



802.11b_HCH_2462MHz_Ant2 (SISO)_NTNV



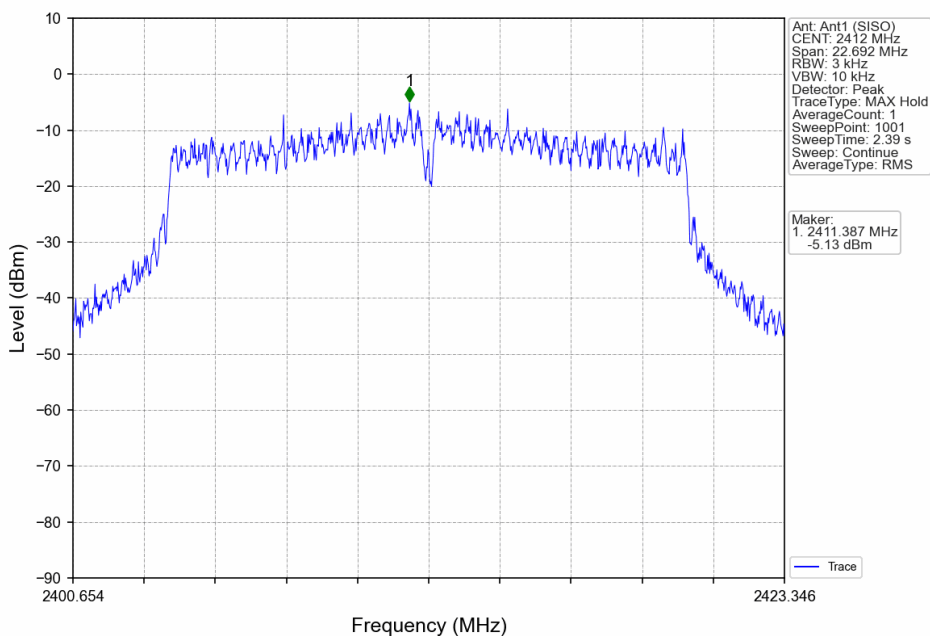
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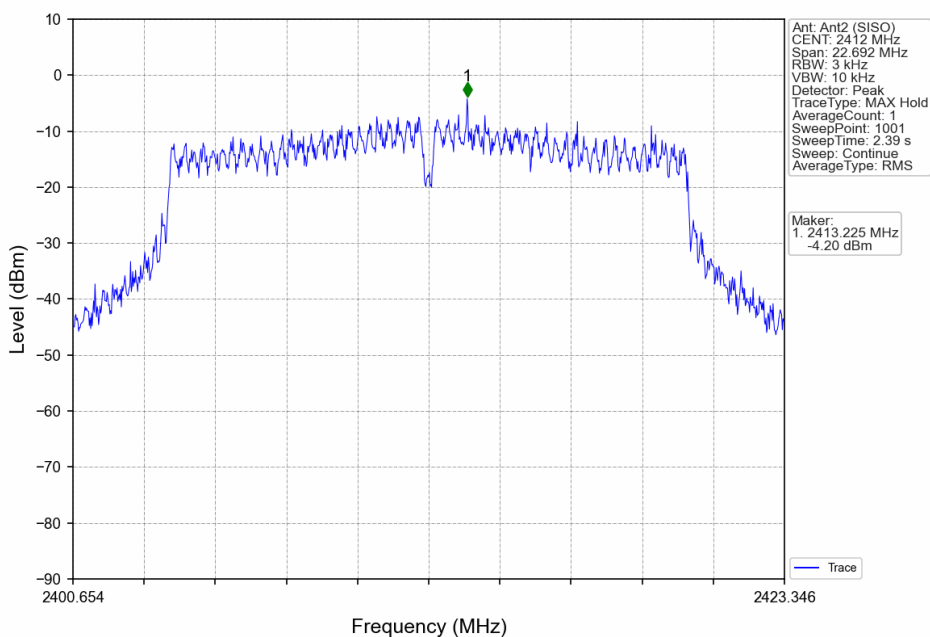
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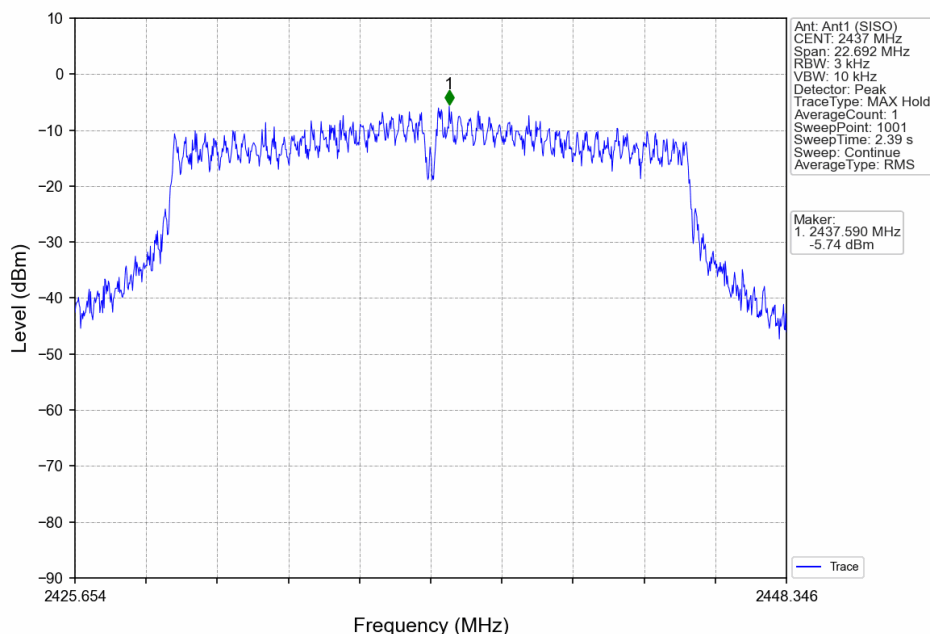
802.11g_LCH_2412MHz_Ant1 (SISO)_NTNV



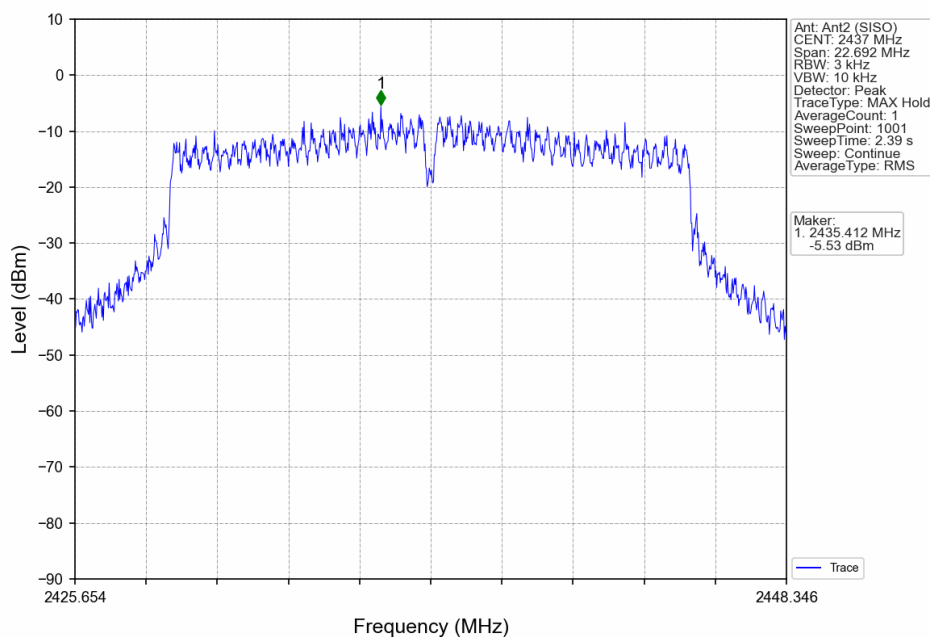
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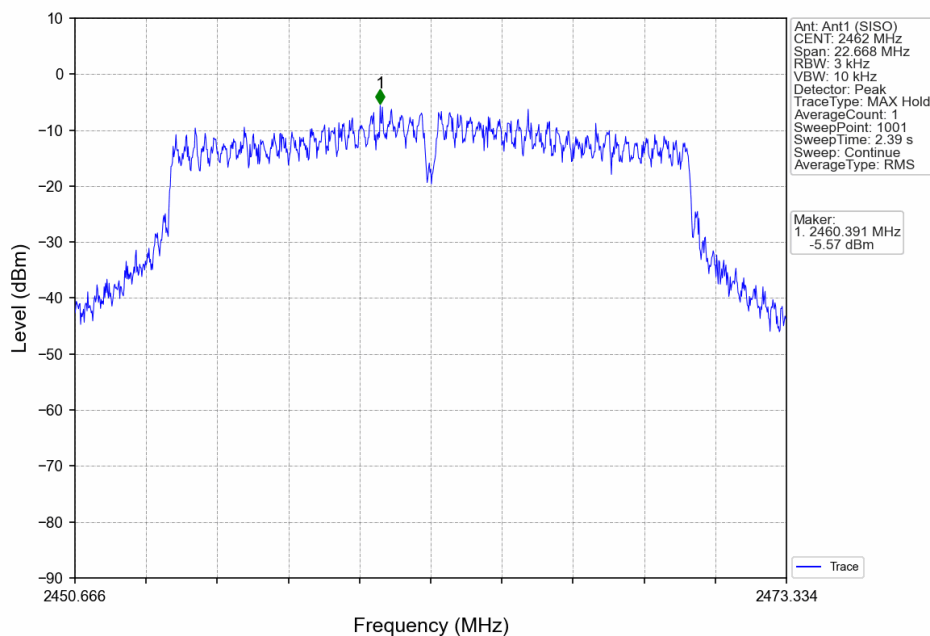
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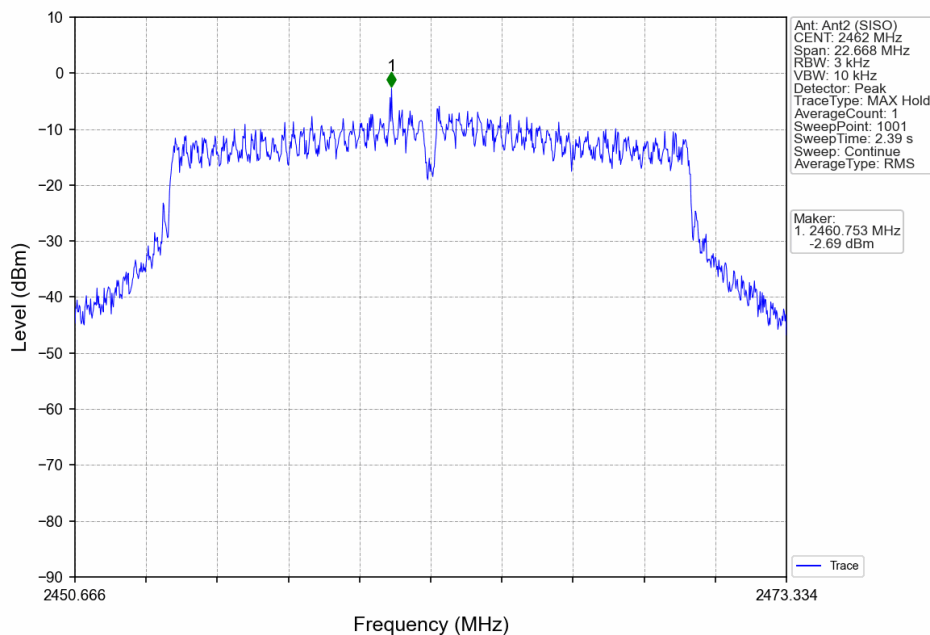
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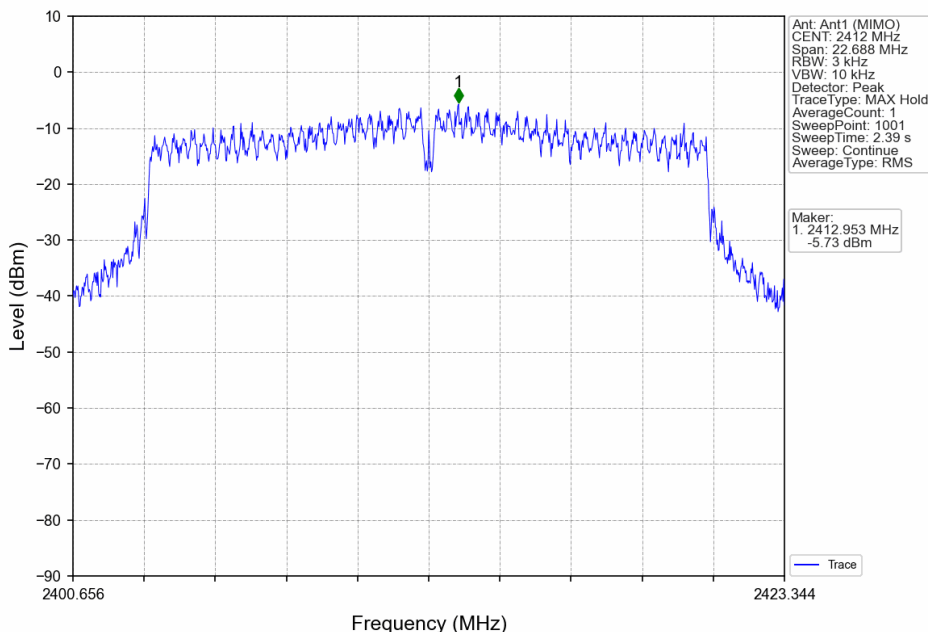
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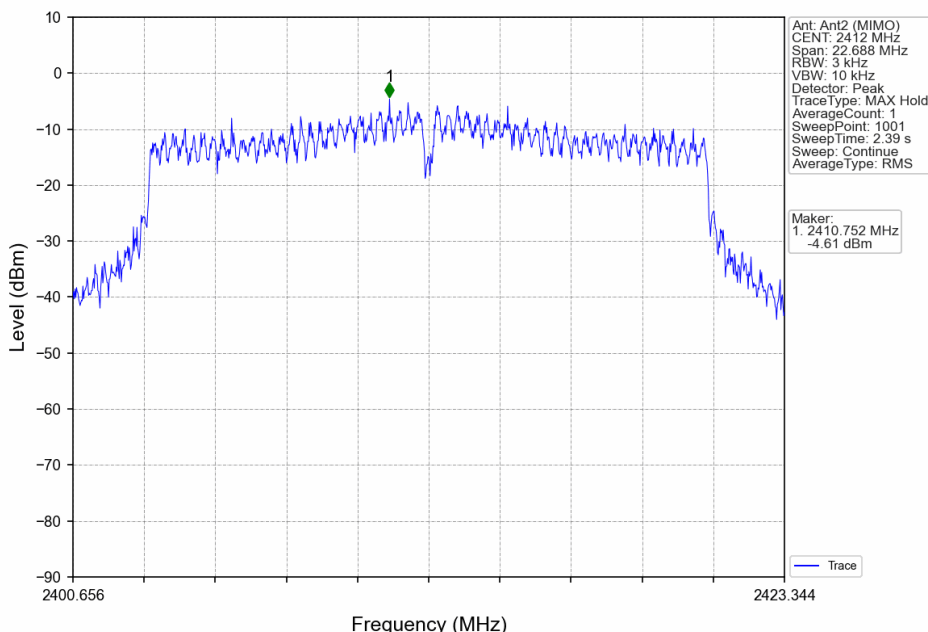
802.11g_HCH_2462MHz_Ant2 (SISO)_NTNV



802.11n(HT20)_LCH_2412MHz_Ant1 (MIMO)_NTNV



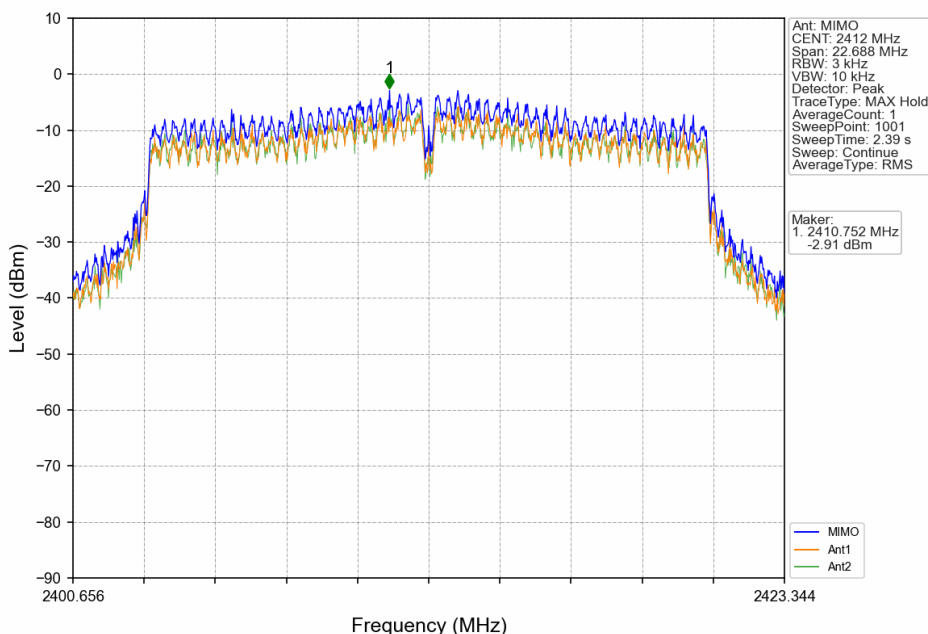
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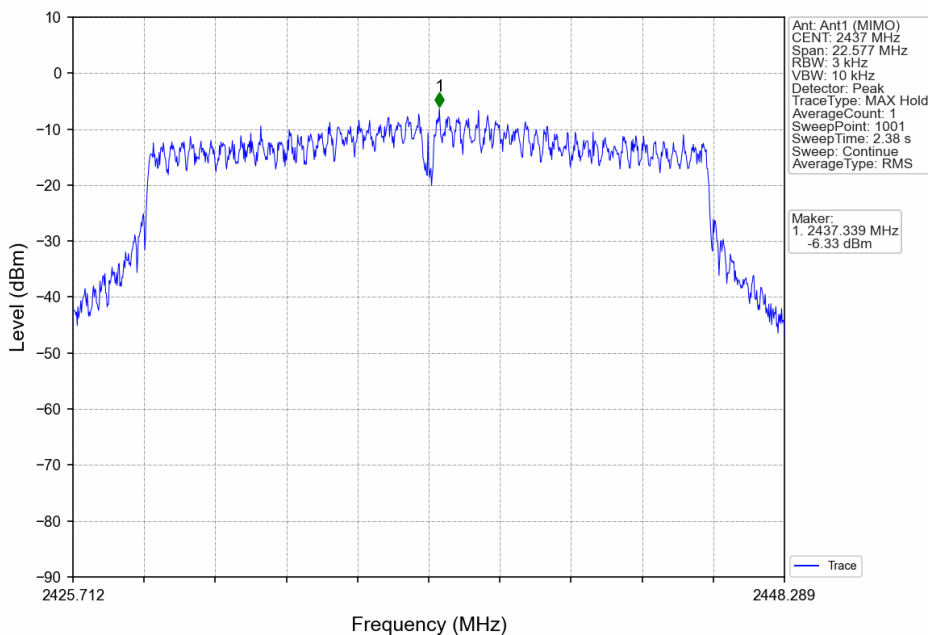
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802.11n(HT20)_LCH_2412MHz_MIMO_NTNV



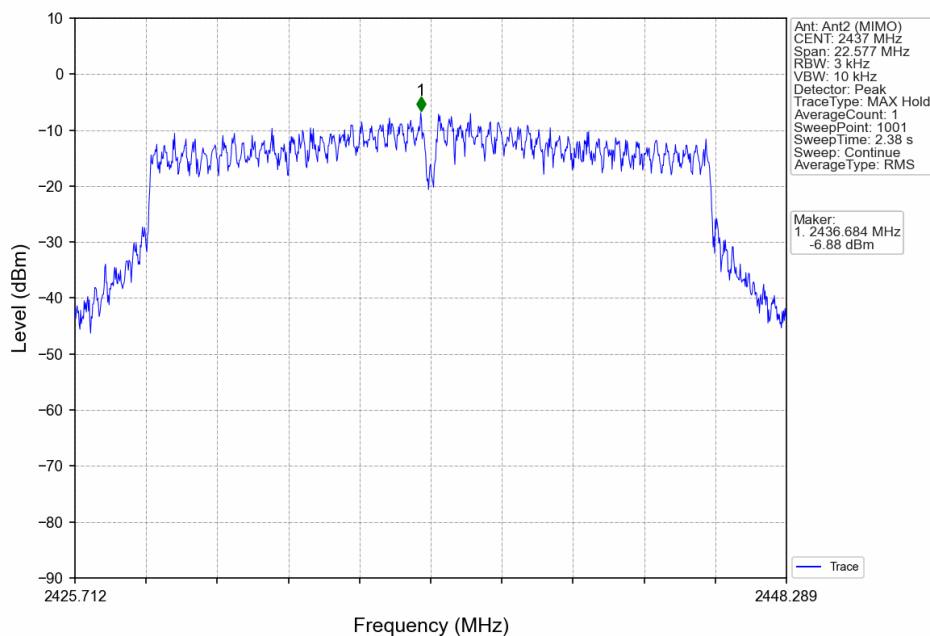
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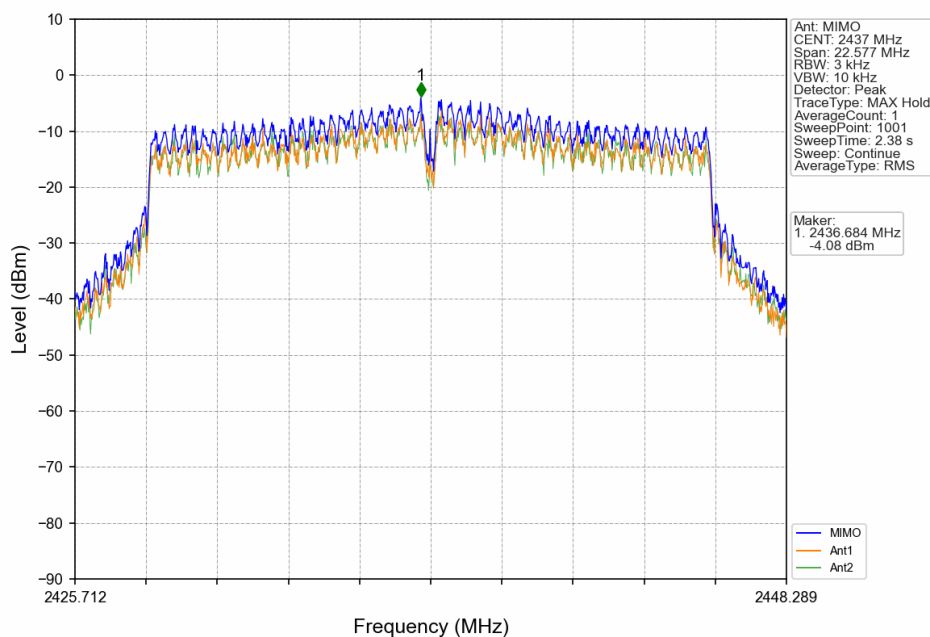
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802.11n(HT20)_MCH_2437MHz_Ant2 (MIMO)_NTNV



802.11n(HT20)_MCH_2437MHz_MIMO_NTNV



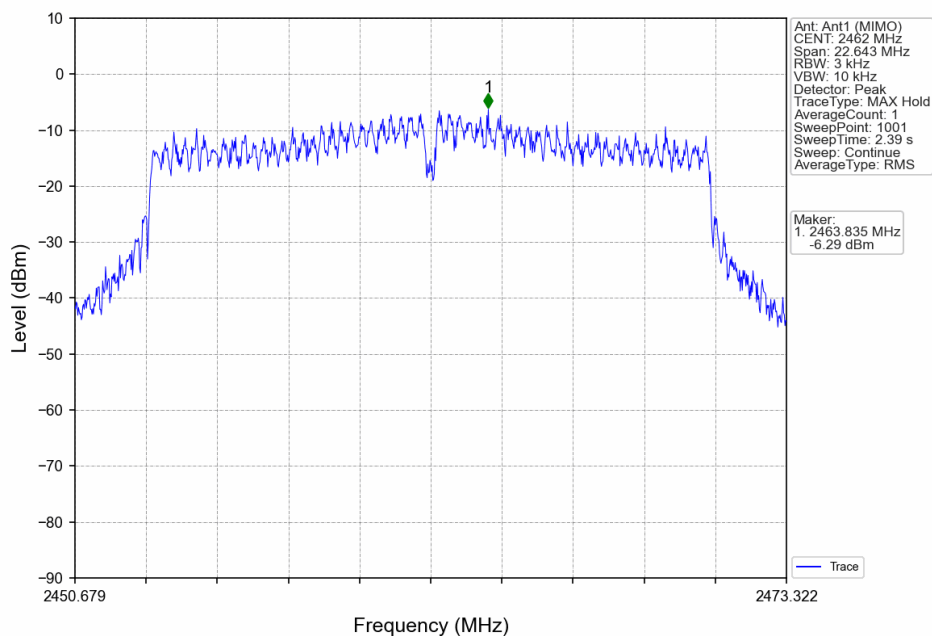
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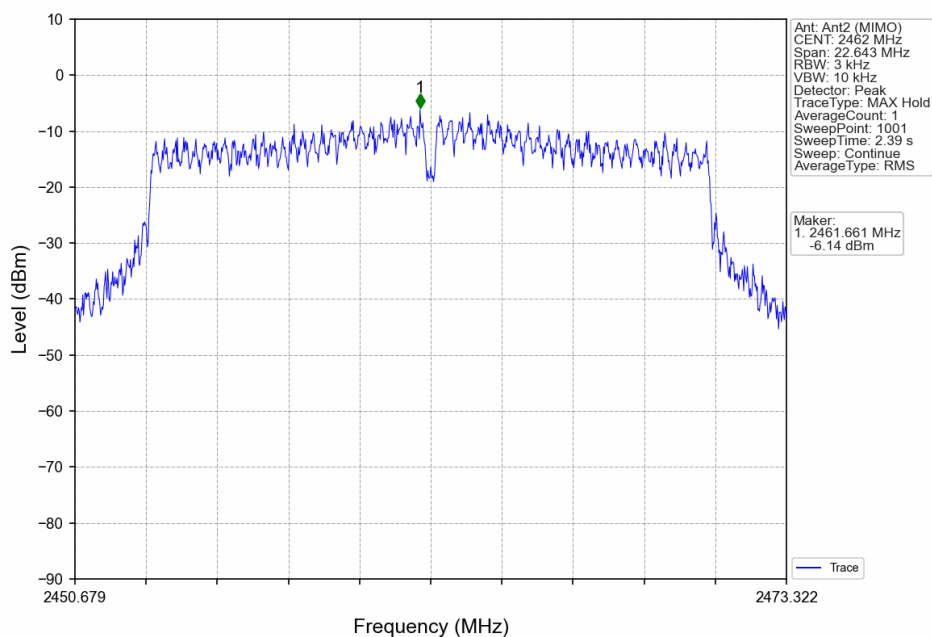
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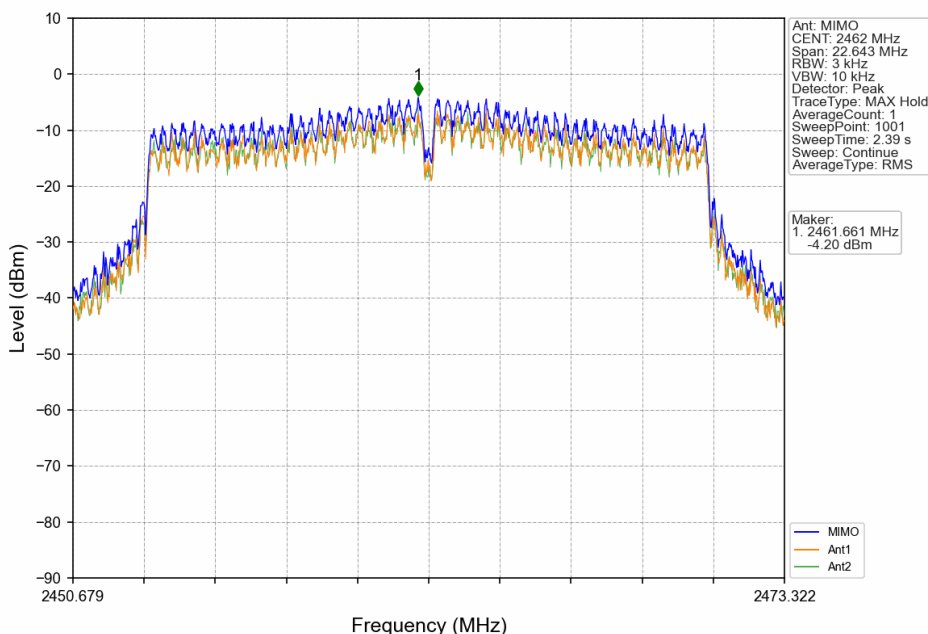
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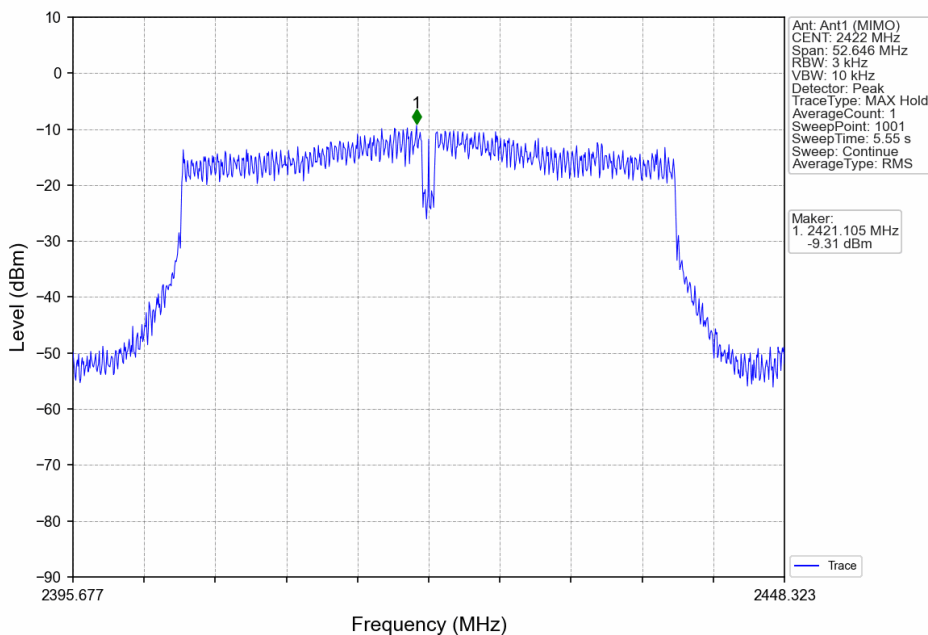
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802.11n(HT20)_HCH_2462MHz_MIMO_NTNV



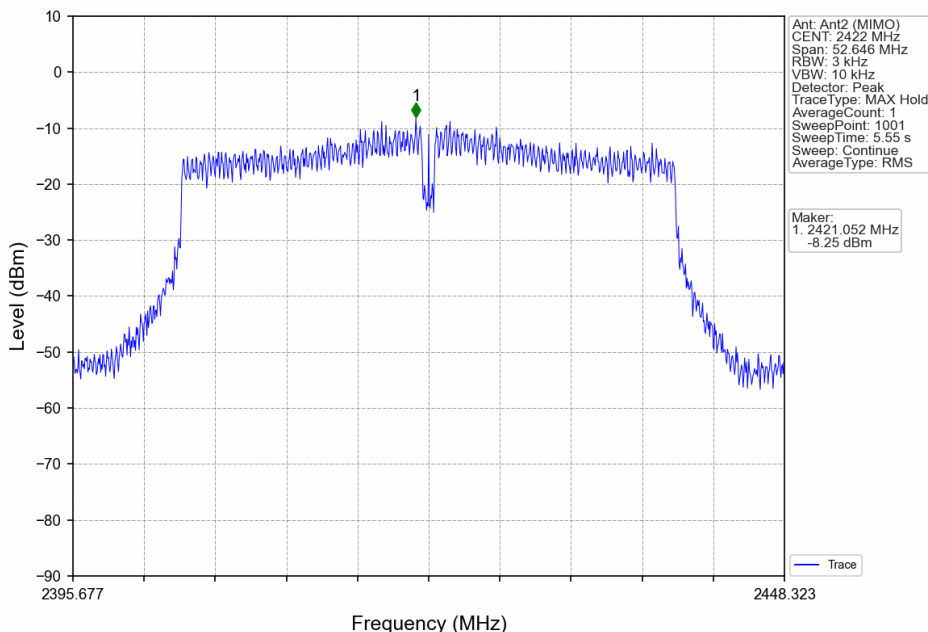
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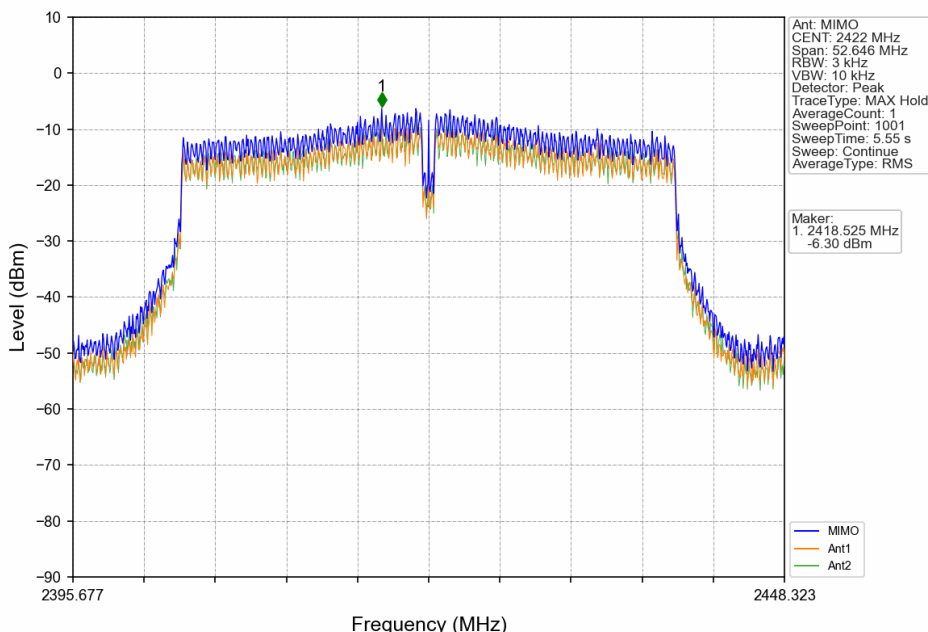
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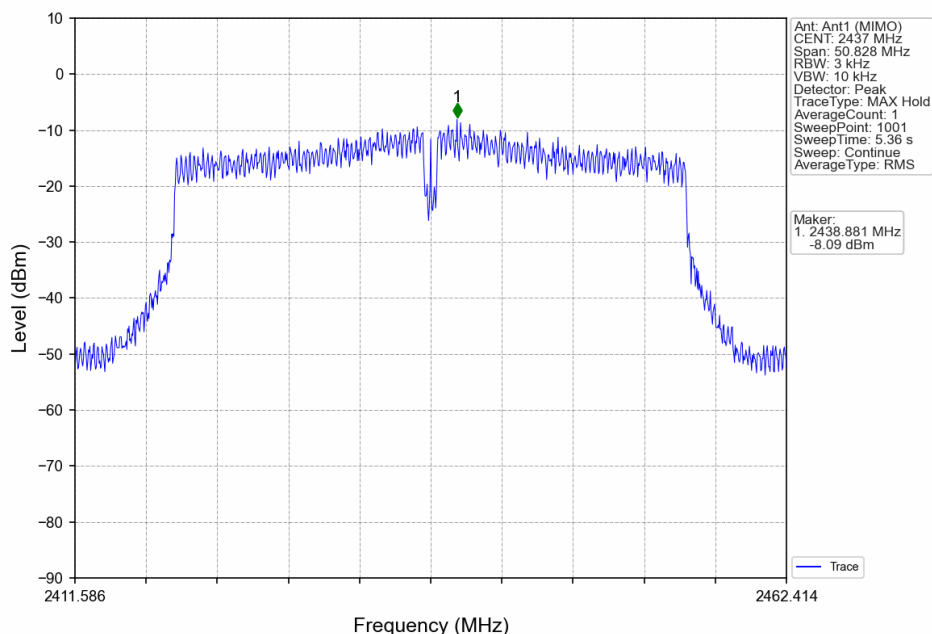
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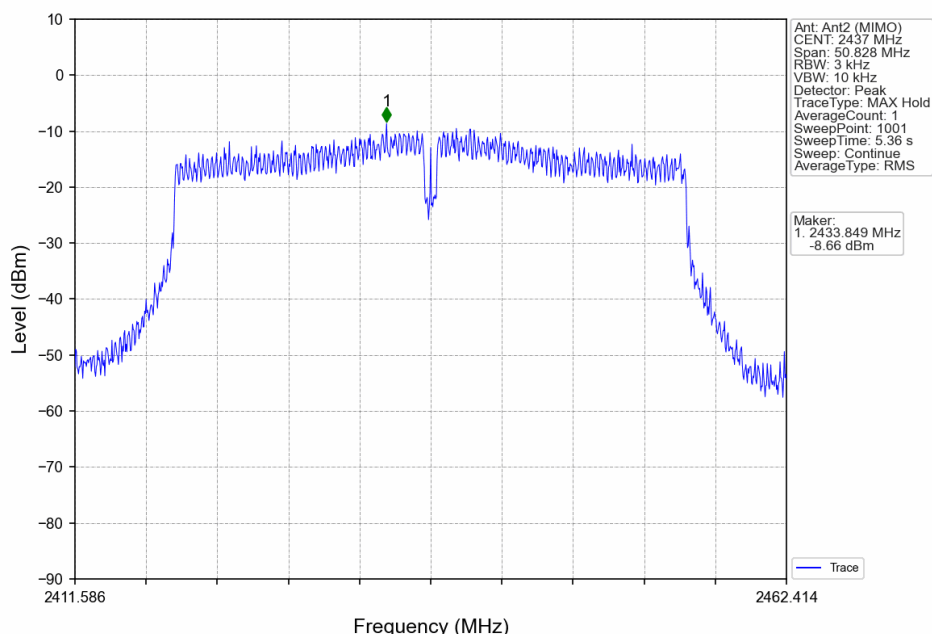
802.11n(HT40)_LCH_2422MHz_MIMO_NTNV



802.11n(HT40)_MCH_2437MHz_Ant1 (MIMO)_NTNV



802.11n(HT40)_MCH_2437MHz_Ant2 (MIMO)_NTNV



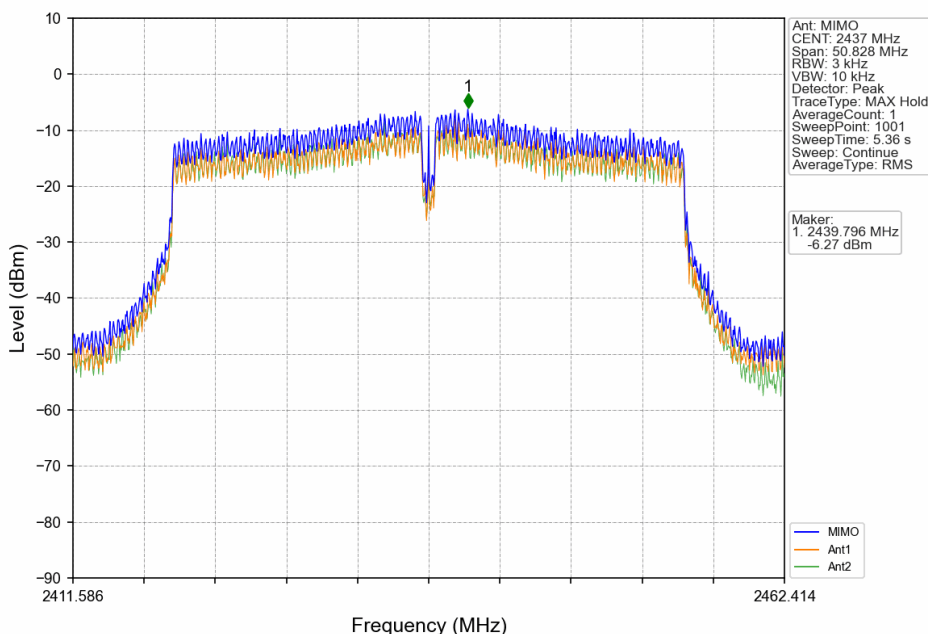
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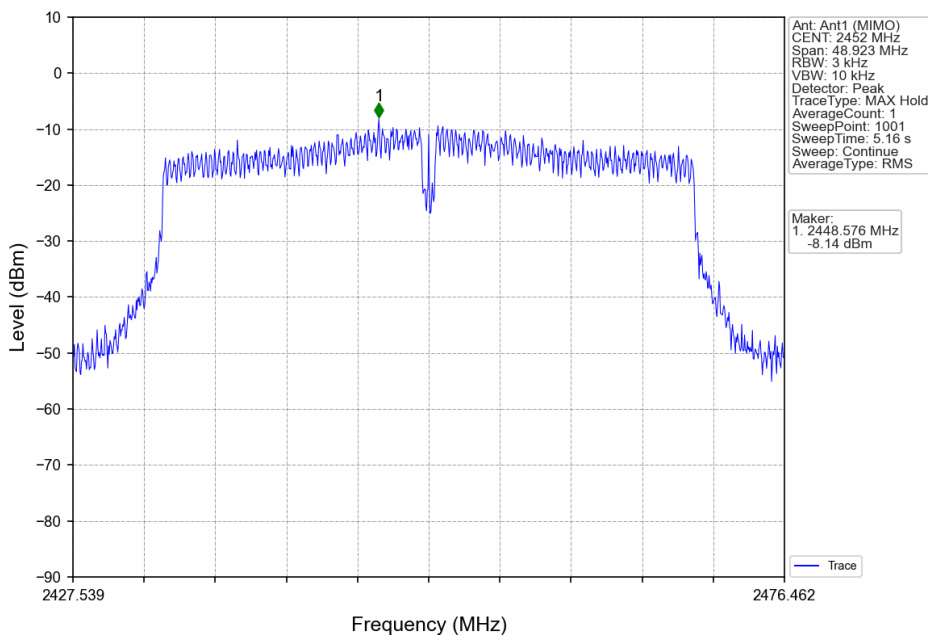
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802.11n(HT40)_MCH_2437MHz_MIMO_NTNV



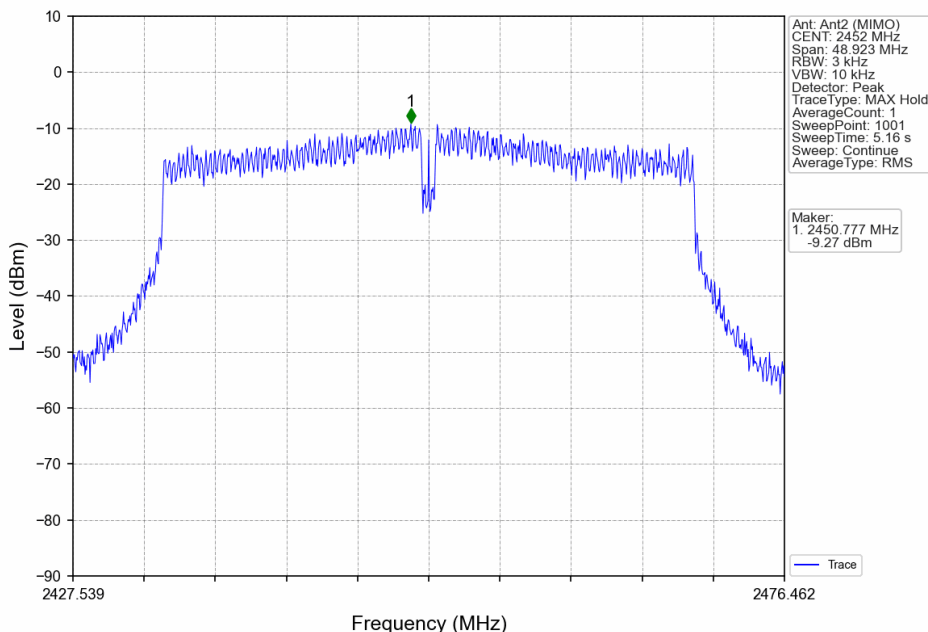
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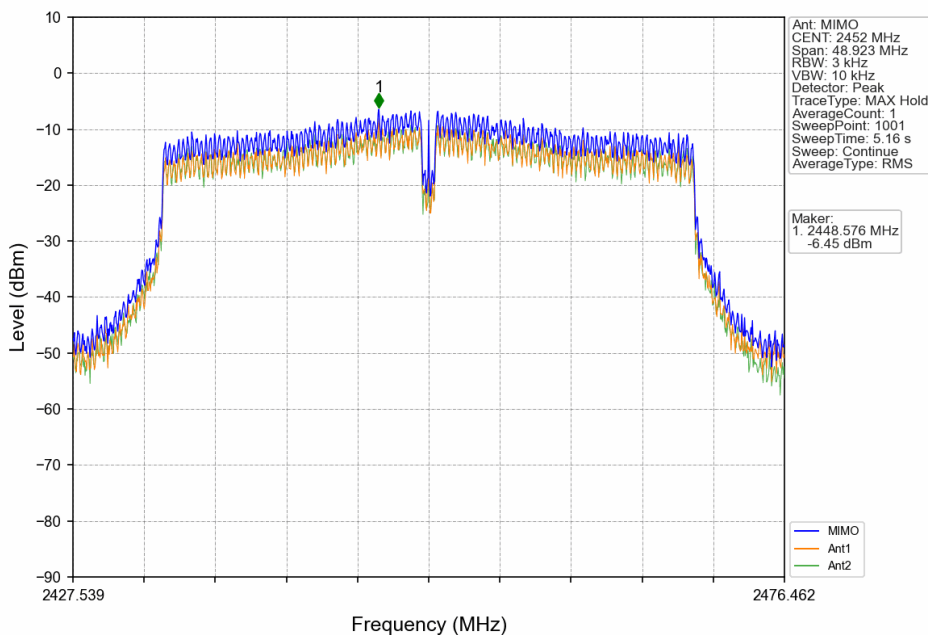
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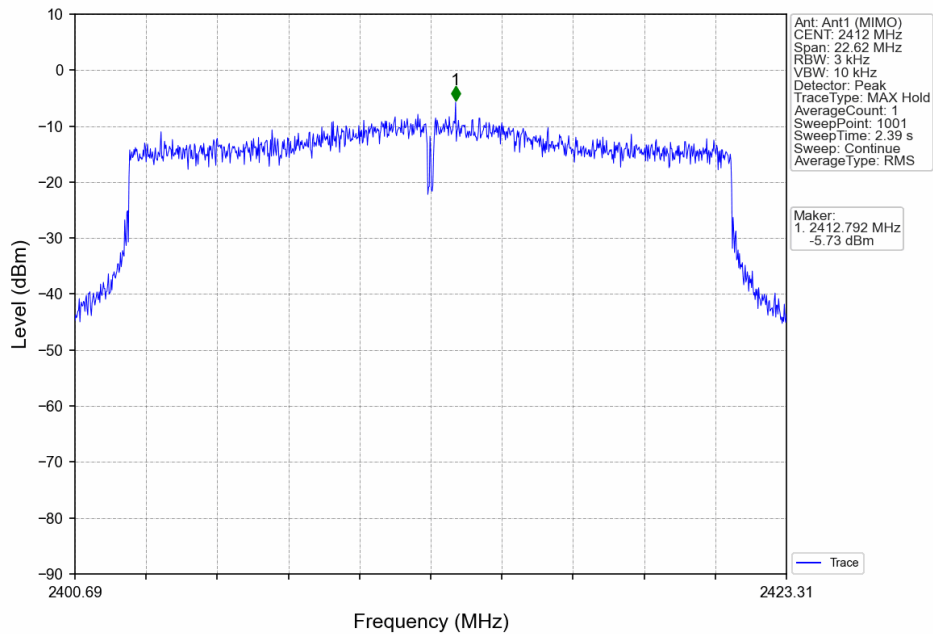
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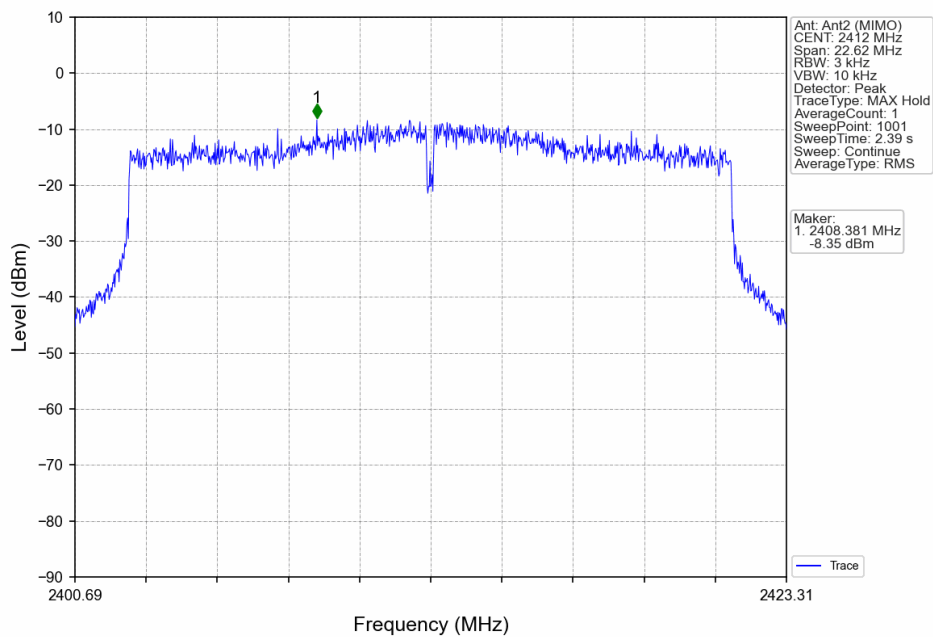
802.11n(HT40)_HCH_2452MHz_MIMO_NTNV



802.11ax(HEW20)_LCH_2412MHz_RU242_Left_Ant1 (MIMO)_NTNV



802.11ax(HEW20)_LCH_2412MHz_RU242_Left_Ant2 (MIMO)_NTNV



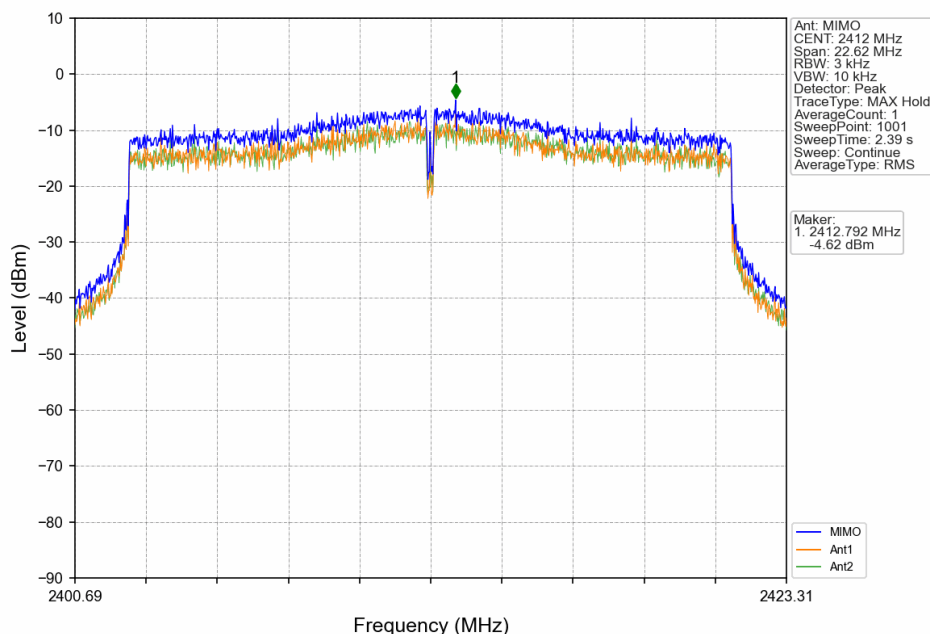
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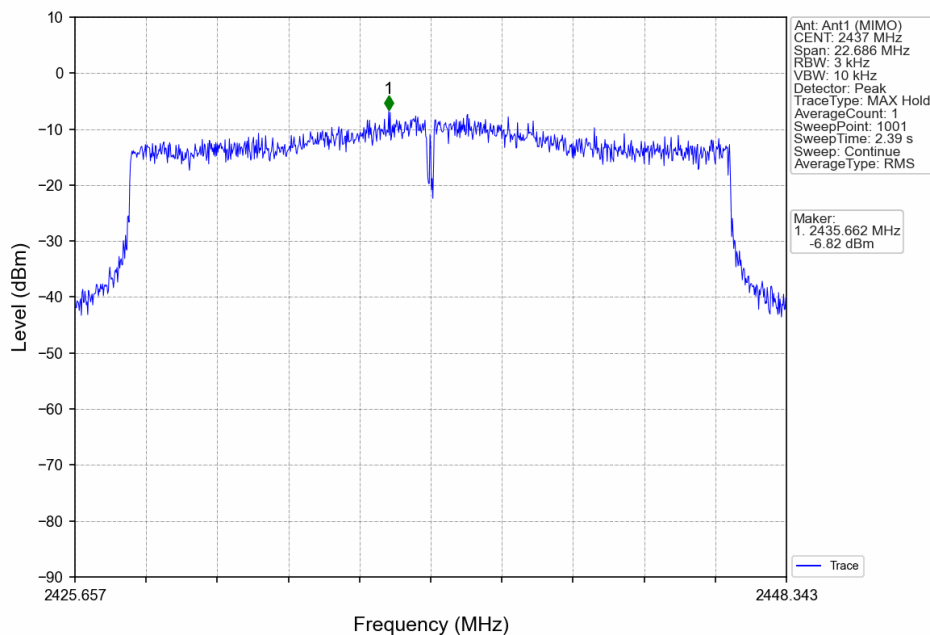
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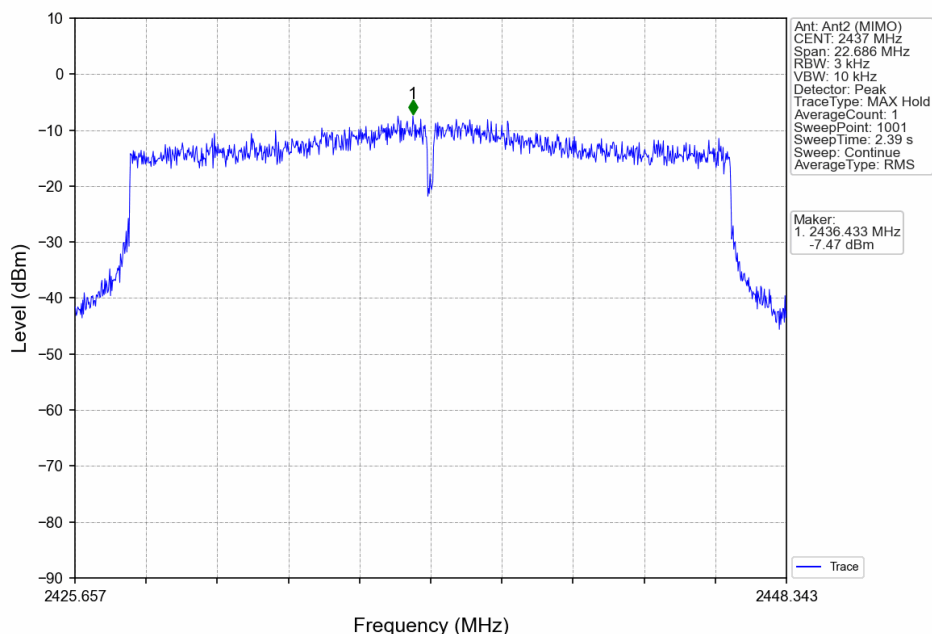
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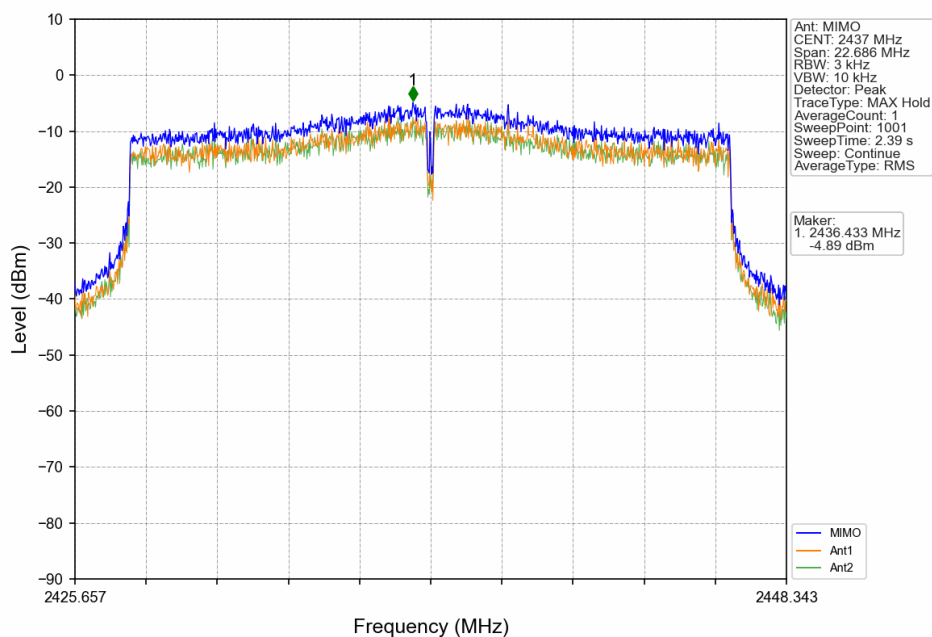
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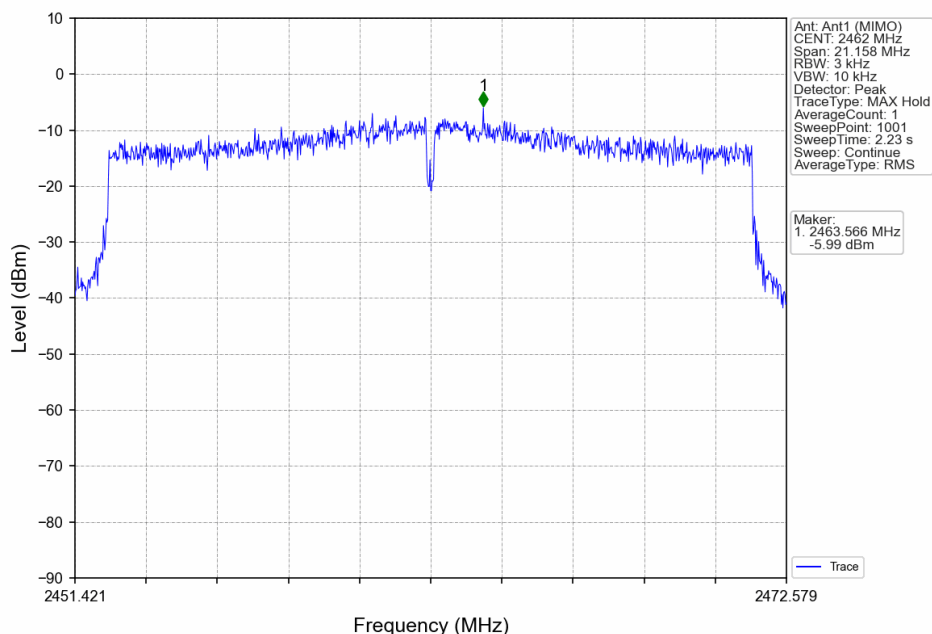
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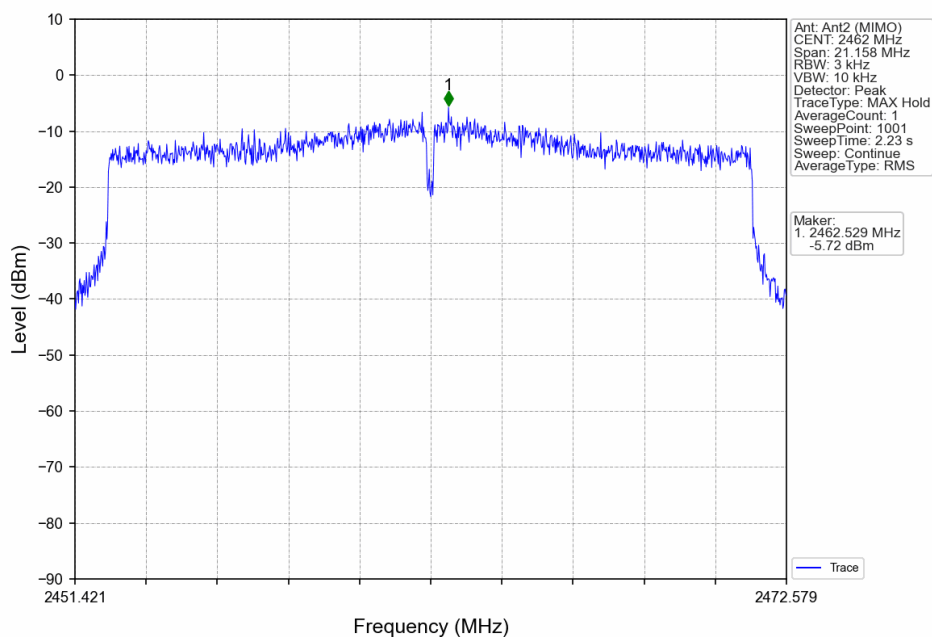
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802.11ax(HEW20)_HCH_2462MHz_RU242_Left_Ant1 (MIMO)_NTNV



802.11ax(HEW20)_HCH_2462MHz_RU242_Left_Ant2 (MIMO)_NTNV



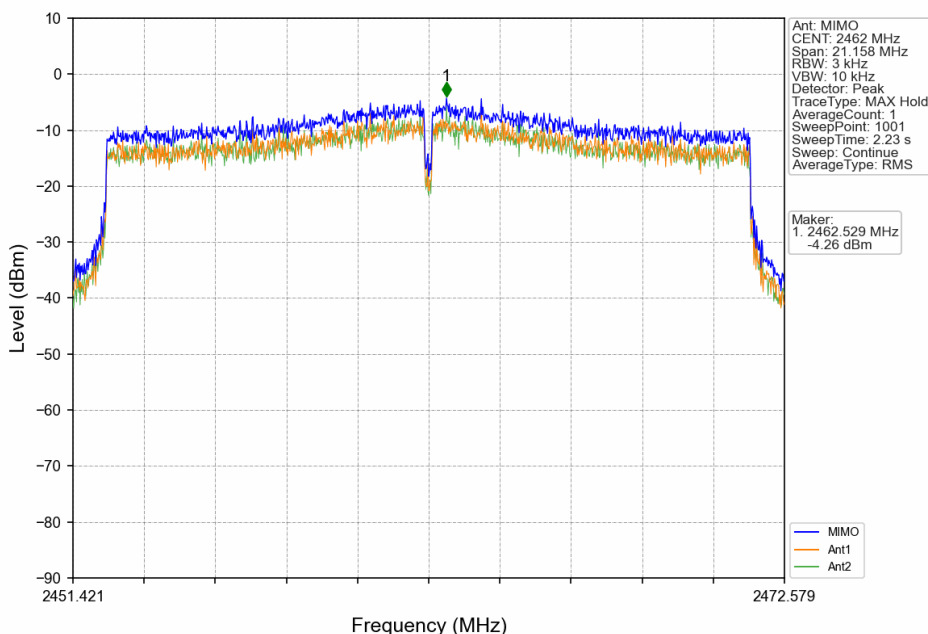
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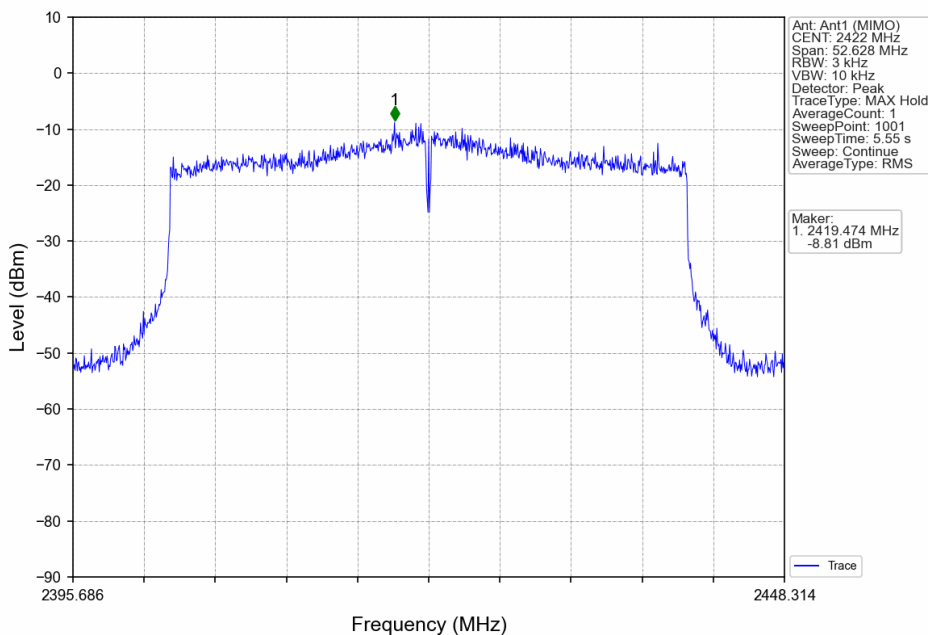
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802.11ax(HEW20)_HCH_2462MHz_RU242_Left_MIMO_NTNV



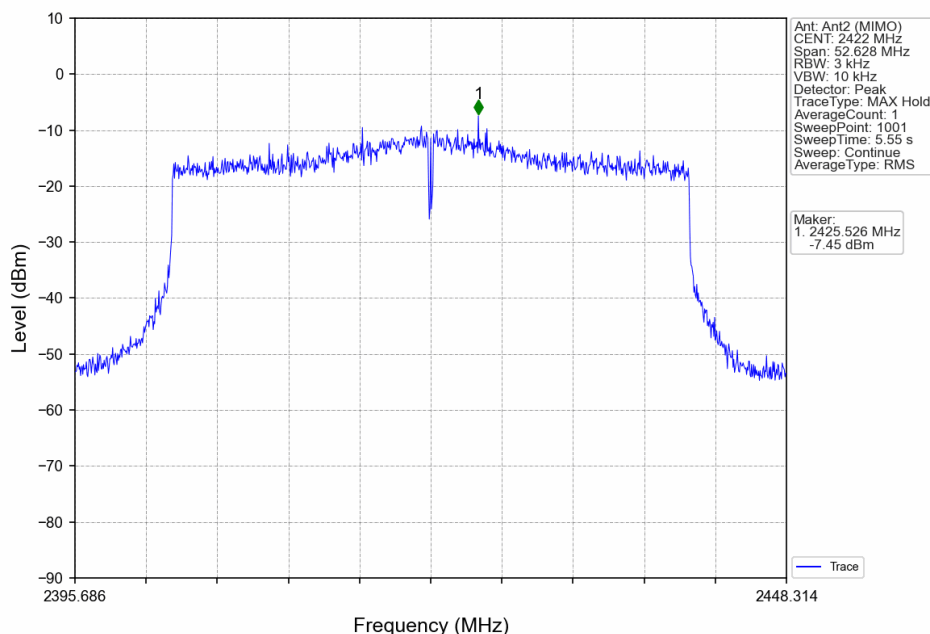
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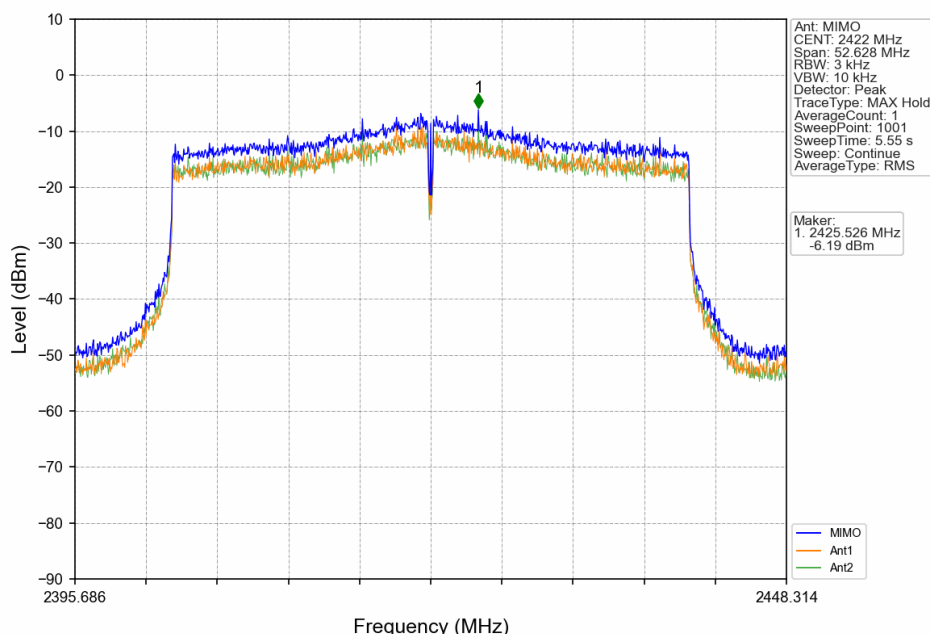
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802.11ax(HEW40)_LCH_2422MHz_RU484_Left_Ant2 (MIMO)_NTNV



802.11ax(HEW40)_LCH_2422MHz_RU484_Left_MIMO_NTNV



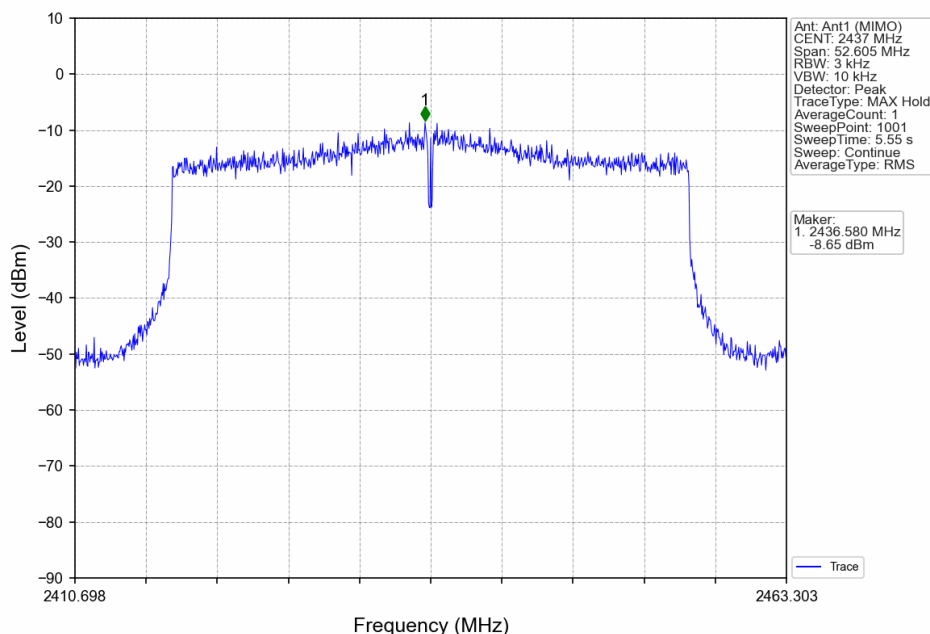
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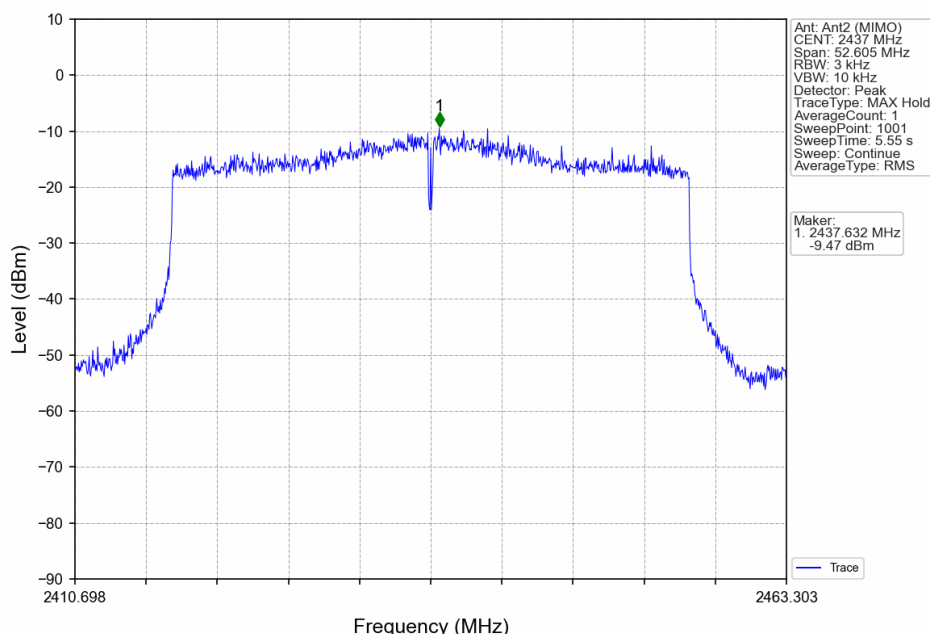
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802.11ax(HEW40)_MCH_2437MHz_RU484_Left_Ant1 (MIMO)_NTNV



802.11ax(HEW40)_MCH_2437MHz_RU484_Left_Ant2 (MIMO)_NTNV



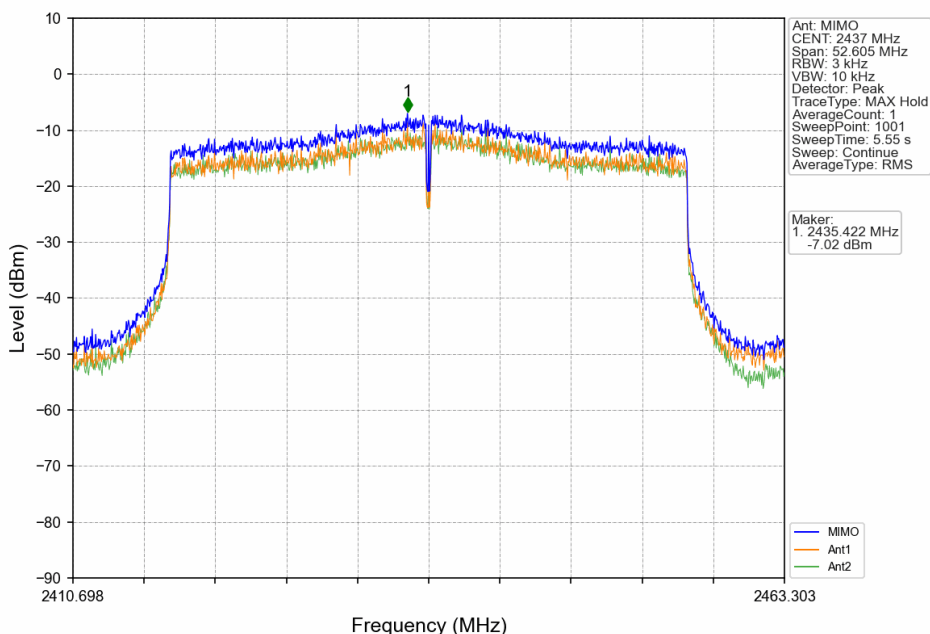
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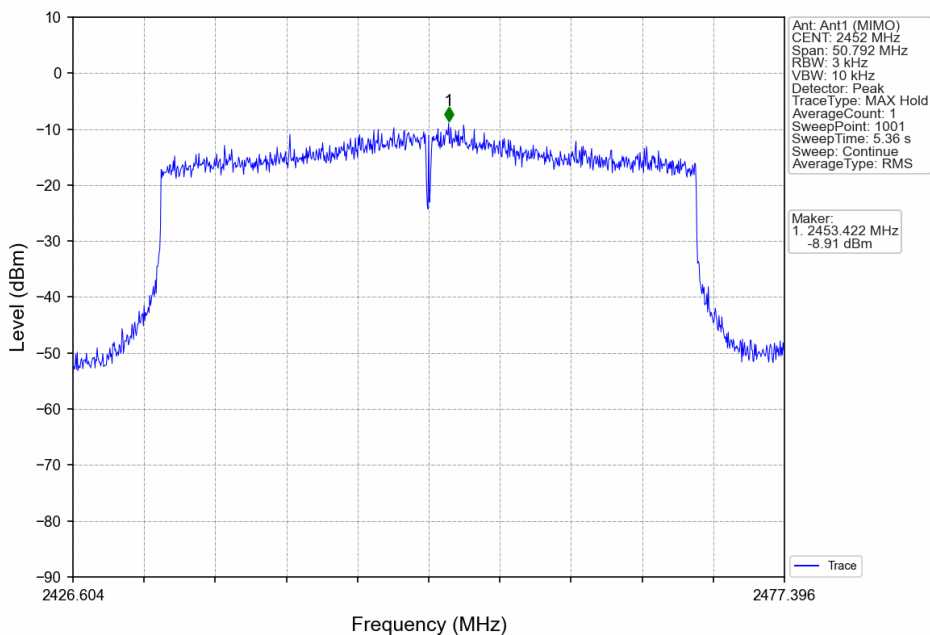
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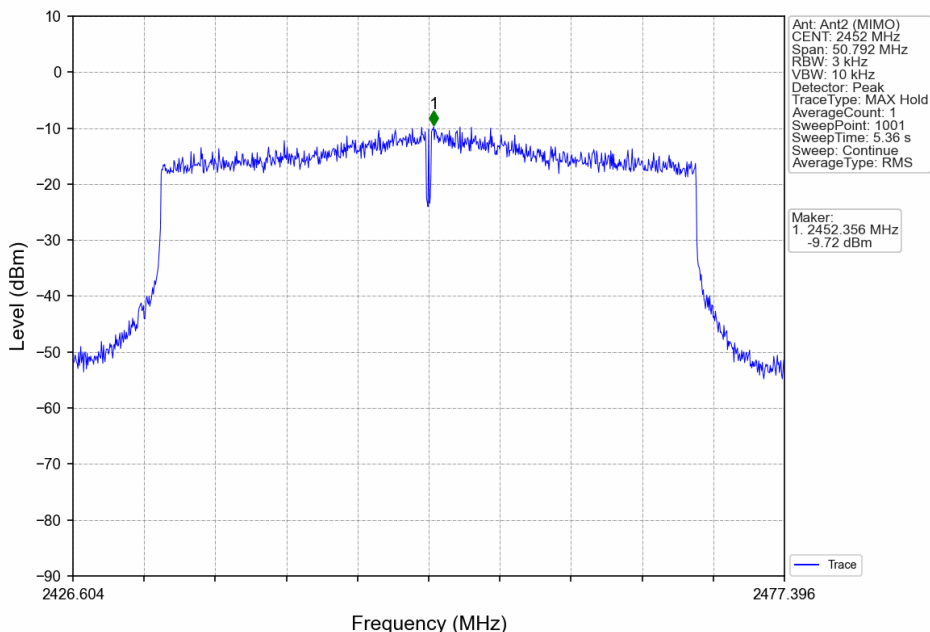
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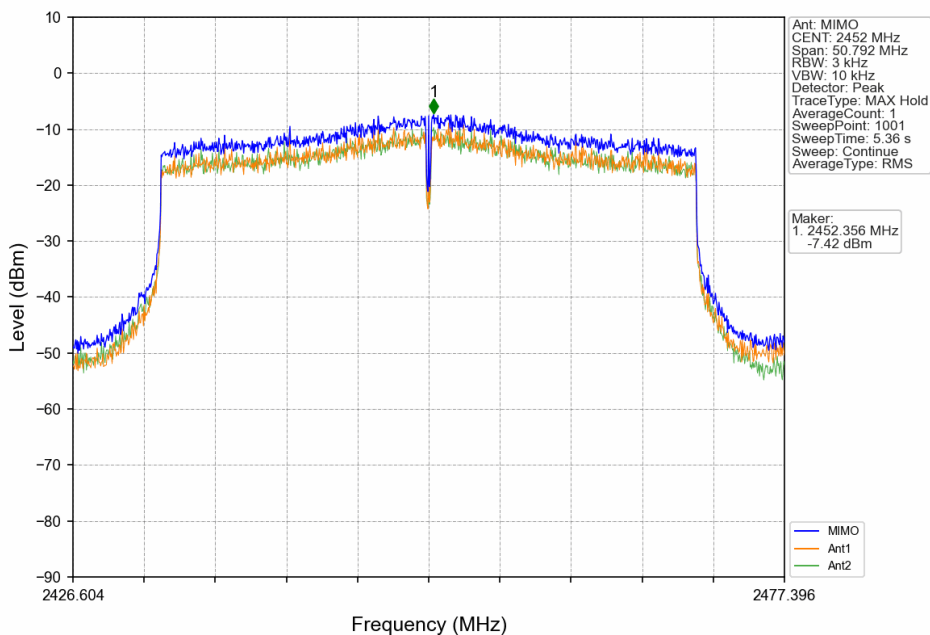
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802.11ax(HEW40)_HCH_2452MHz_RU484_Left_Ant2 (MIMO)_NTNV



802.11ax(HEW40)_HCH_2452MHz_RU484_Left_MIMO_NTNV



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5. Unwanted Emissions In Non-restricted Frequency Bands

5.1 Ref

5.1.1 Test Result

Mode	TX Type	Frequency (MHz)	RU	RU Pos	ANT	Level of Reference (dBm)
802.11b	SISO	2412	/	/	1	13.06
					2	13.04
		2437	/	/	1	13.65
					2	13.36
		2462	/	/	1	13.74
					2	13.52
802.11g	SISO	2412	/	/	1	9.70
					2	9.61
		2437	/	/	1	10.51
					2	10.09
		2462	/	/	1	10.55
					2	10.53
802.11n (HT20)	MIMO	2412	/	/	1	11.00
					2	11.42
		2437	/	/	1	9.67
					2	9.73
		2462	/	/	1	10.79
					2	10.13
802.11n (HT40)	MIMO	2422	/	/	1	5.44
					2	5.10
		2437	/	/	1	6.08
					2	5.84
		2452	/	/	1	5.73
					2	5.75



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SZEMC-TRF-01 Rev. A/1

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802.11ax (HEW20)	MIMO	2412	RU242	Left	1	9.82
					2	8.05
		2437	RU242	Left	1	9.40
					2	9.92
		2462	RU242	Left	1	10.03
					2	9.08
802.11ax (HEW40)	MIMO	2422	RU484	Left	1	5.58
					2	5.78
		2437	RU484	Left	1	5.21
					2	5.34
		2452	RU484	Left	1	5.34
					2	5.87

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.



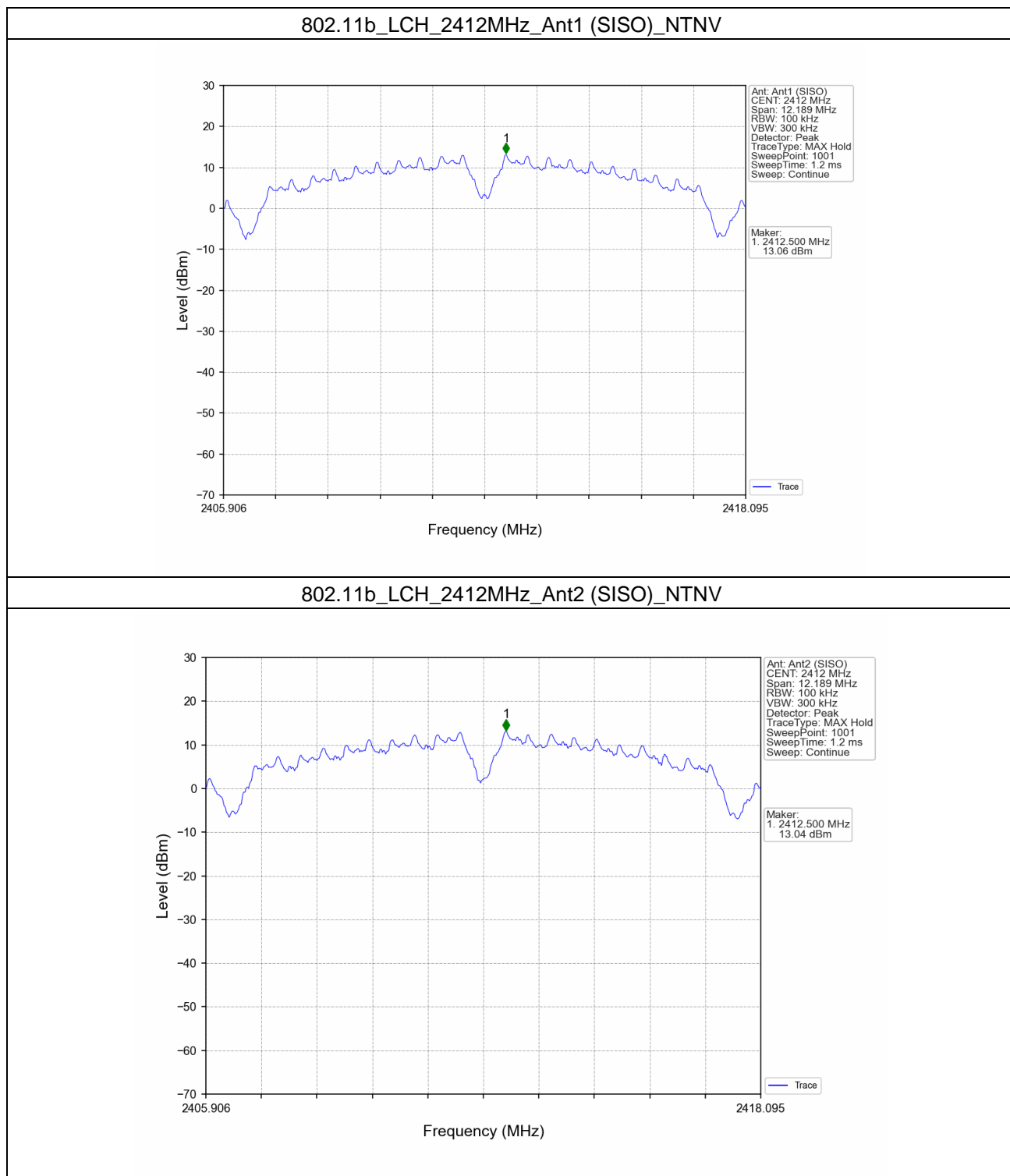
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5.1.2 Test Graph



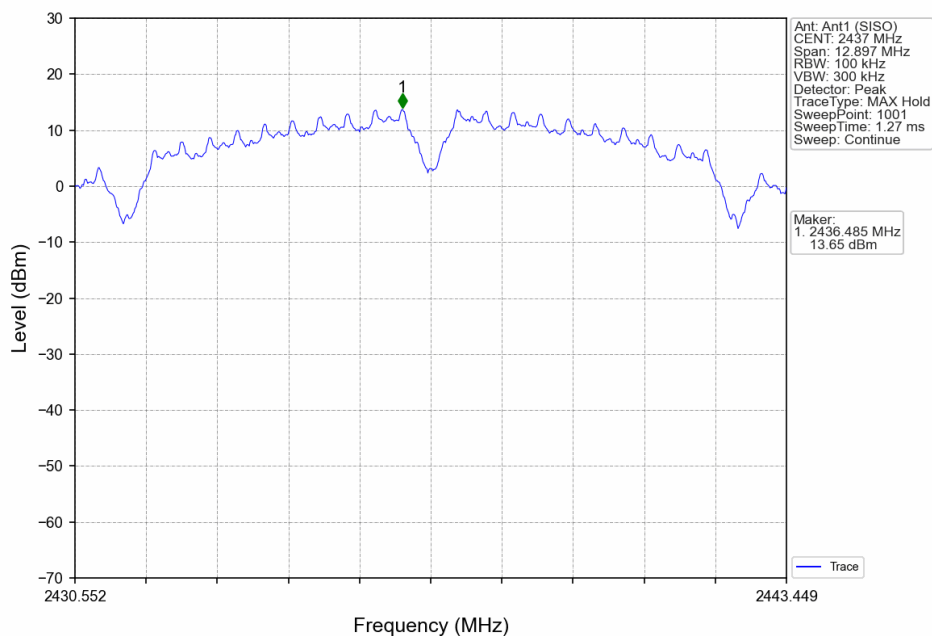
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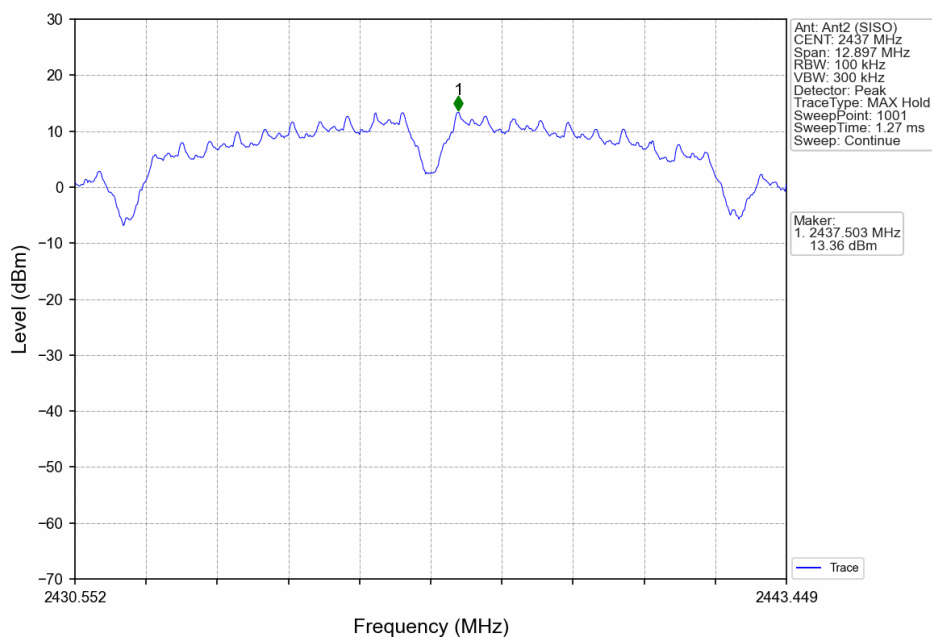
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802.11b_MCH_2437MHz_Ant1 (SISO)_NTNV



802.11b_MCH_2437MHz_Ant2 (SISO)_NTNV



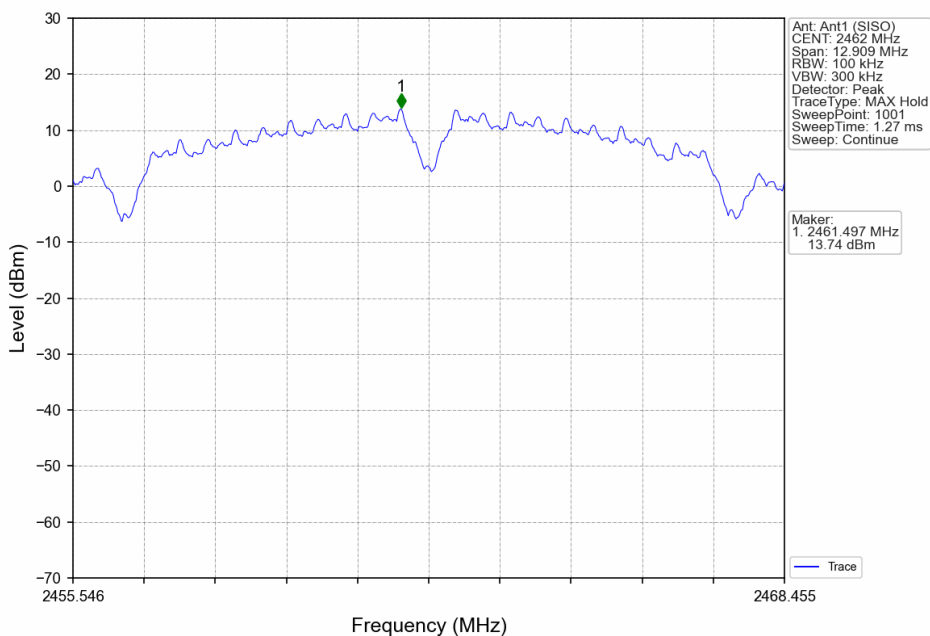
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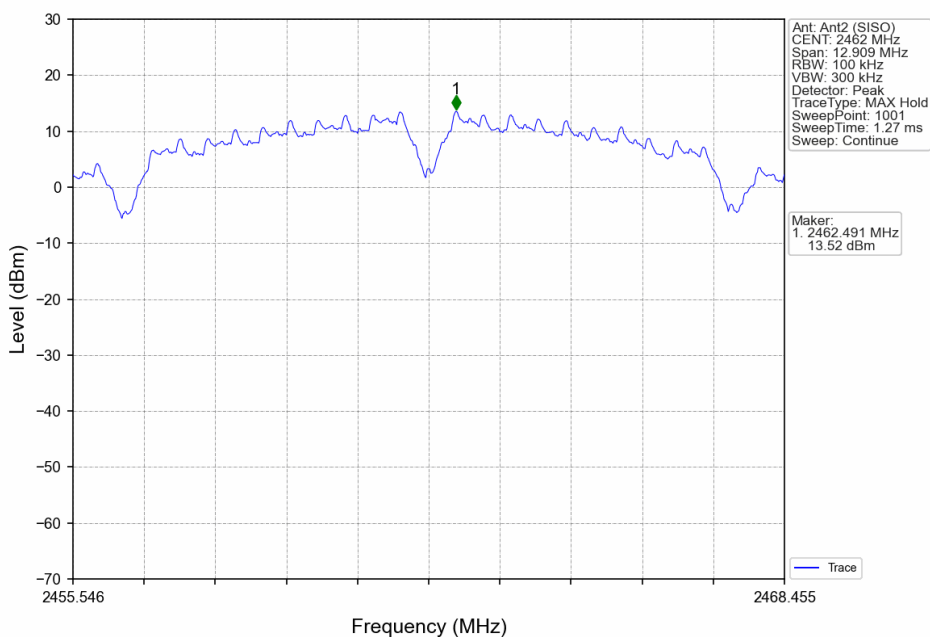
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802.11b_HCH_2462MHz_Ant1 (SISO)_NTNV



802.11b_HCH_2462MHz_Ant2 (SISO)_NTNV



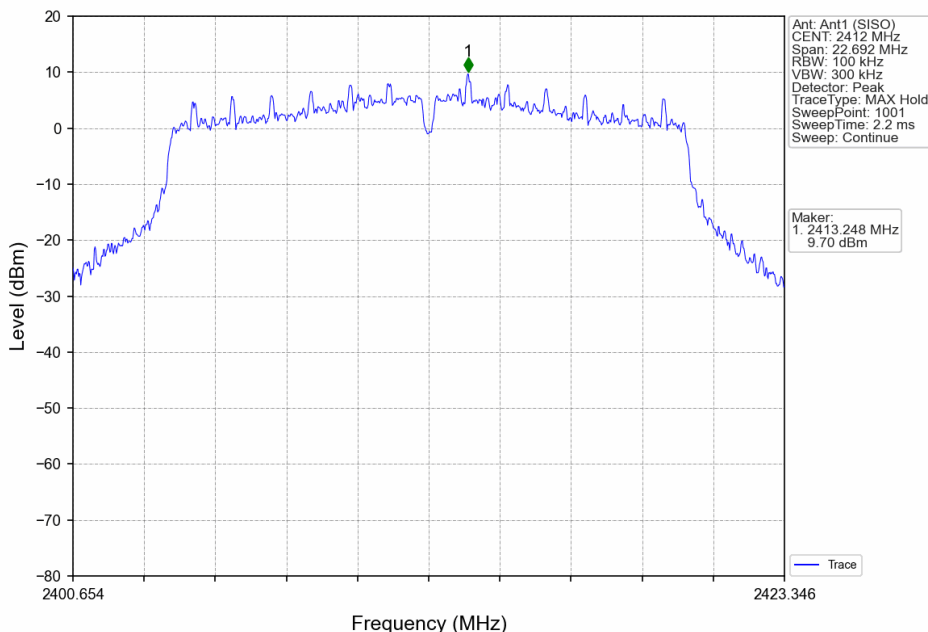
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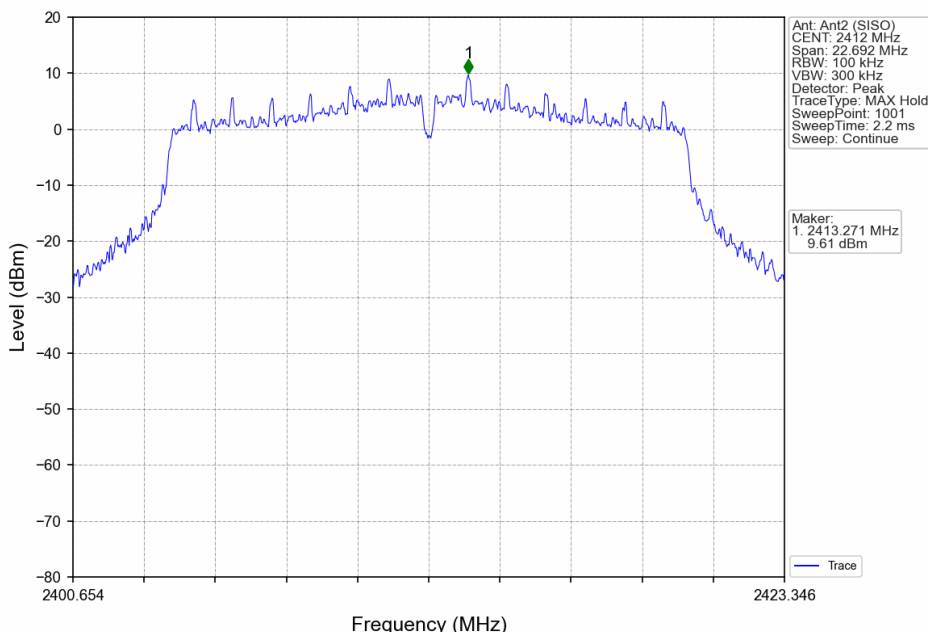
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802.11g_LCH_2412MHz_Ant1 (SISO)_NTNV



802.11g_LCH_2412MHz_Ant2 (SISO)_NTNV



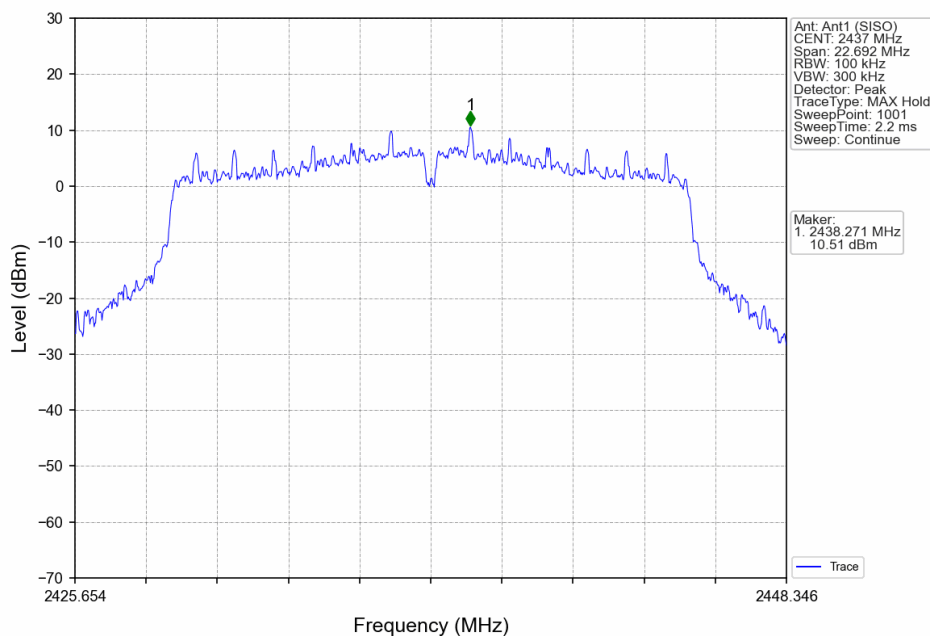
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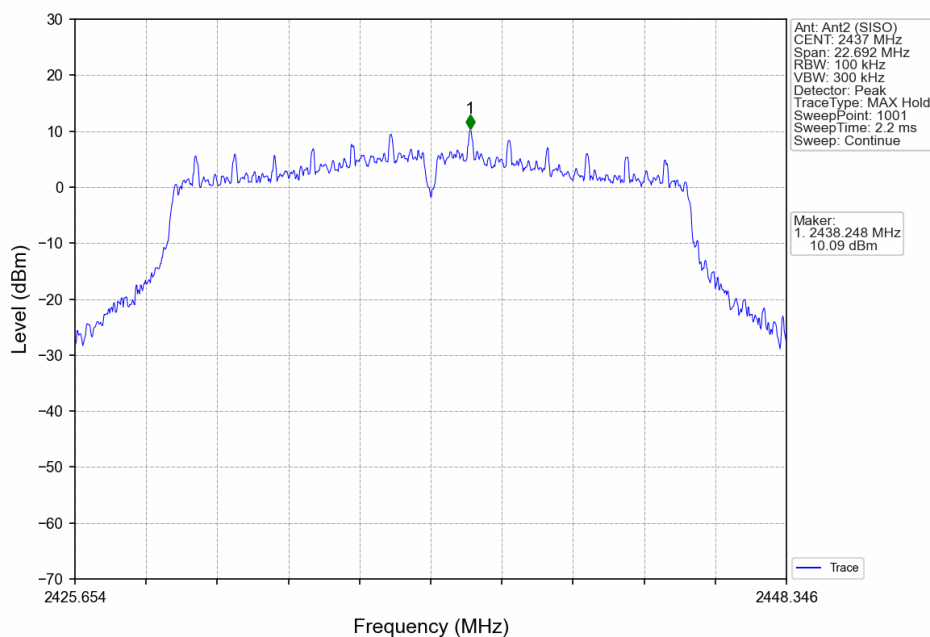
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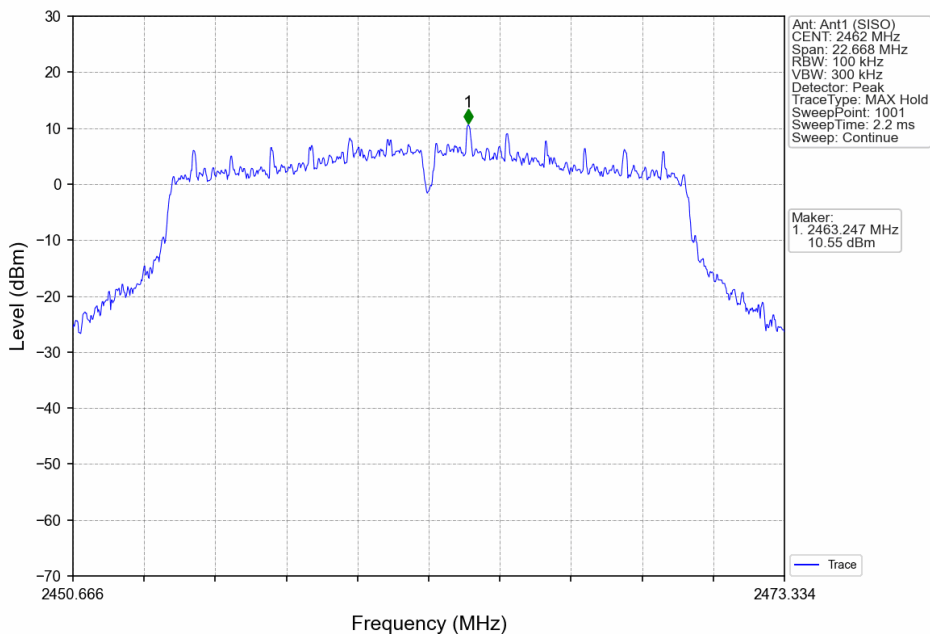
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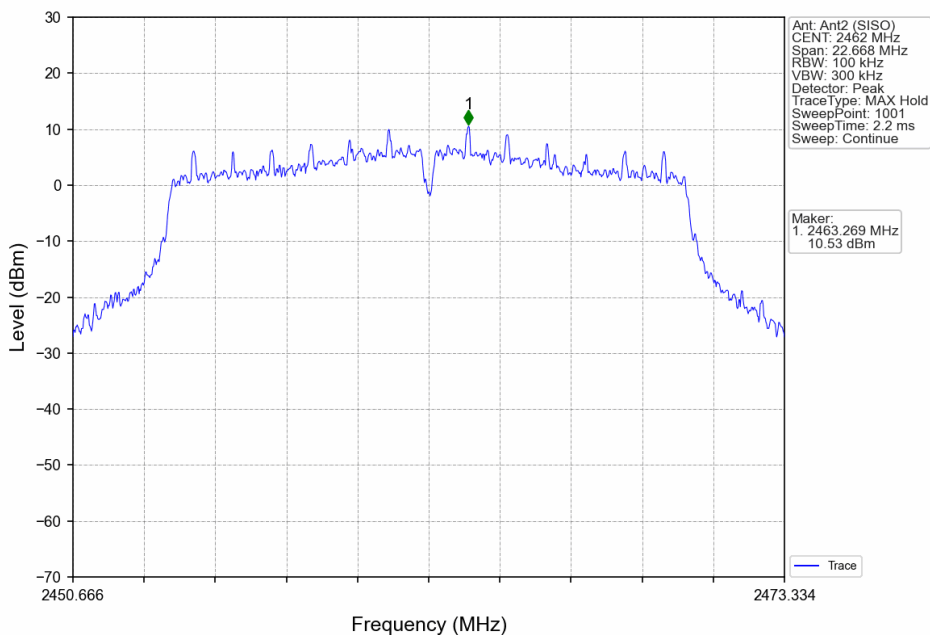
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802.11g_HCH_2462MHz_Ant1 (SISO)_NTNV



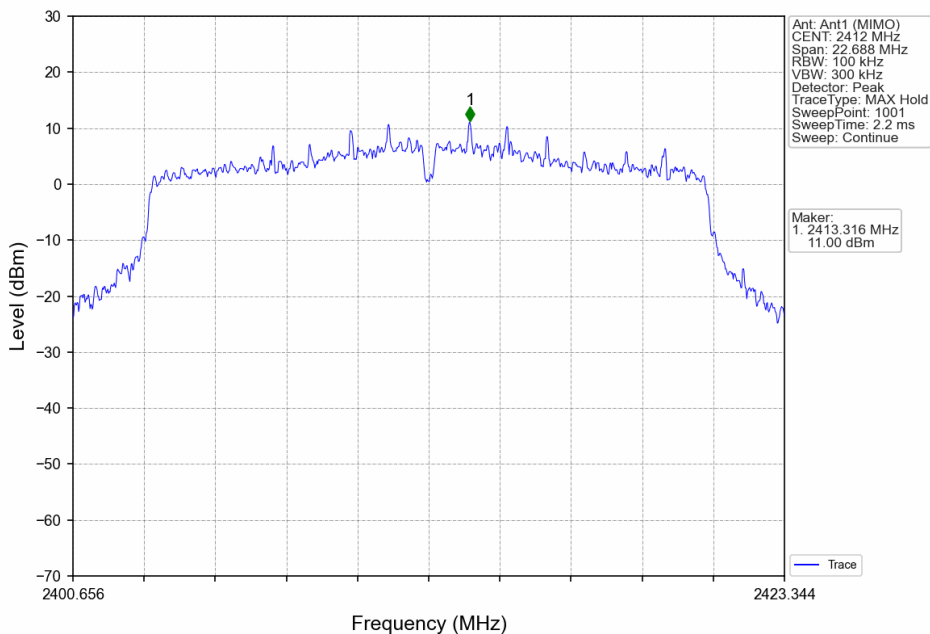
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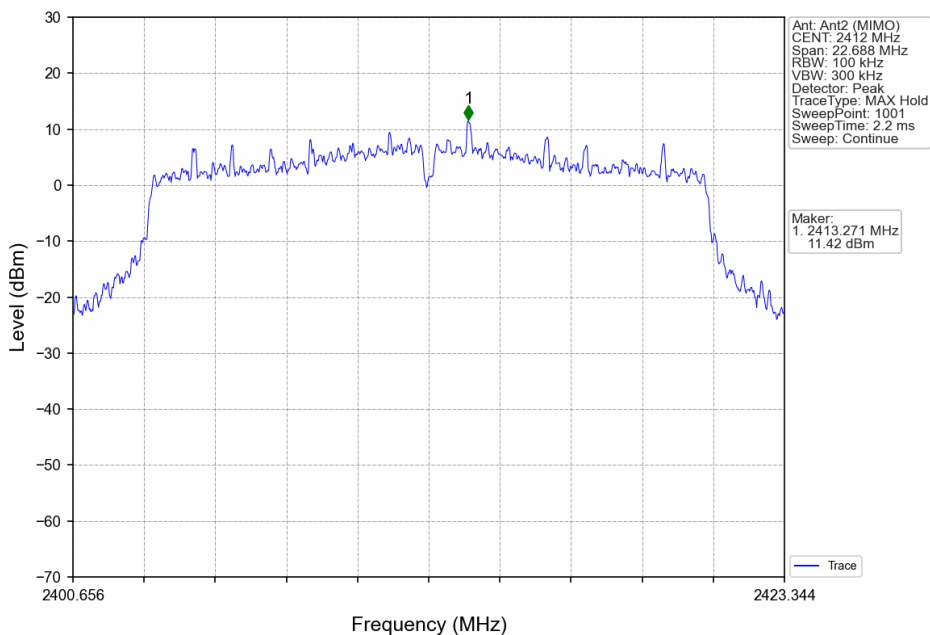
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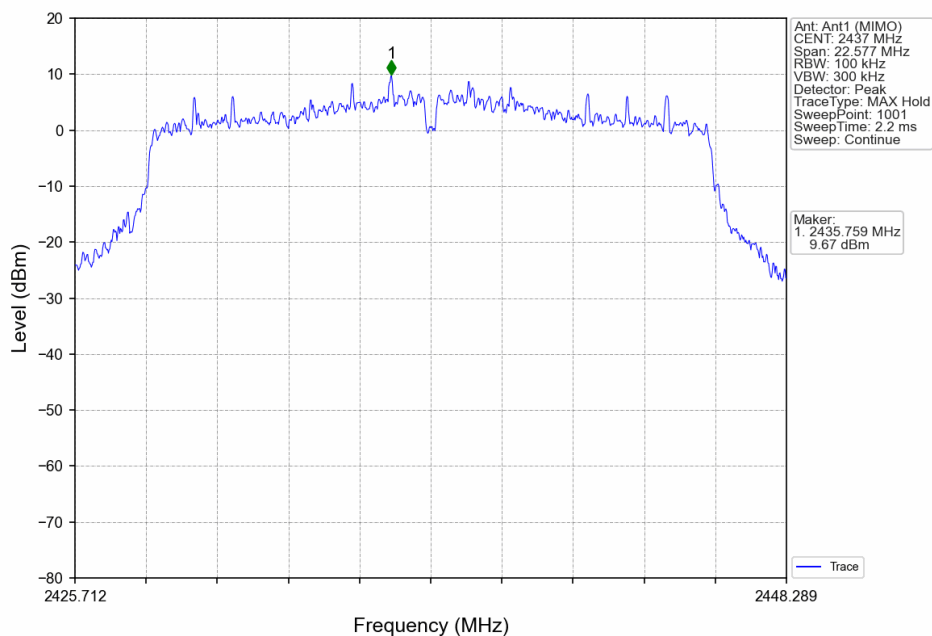
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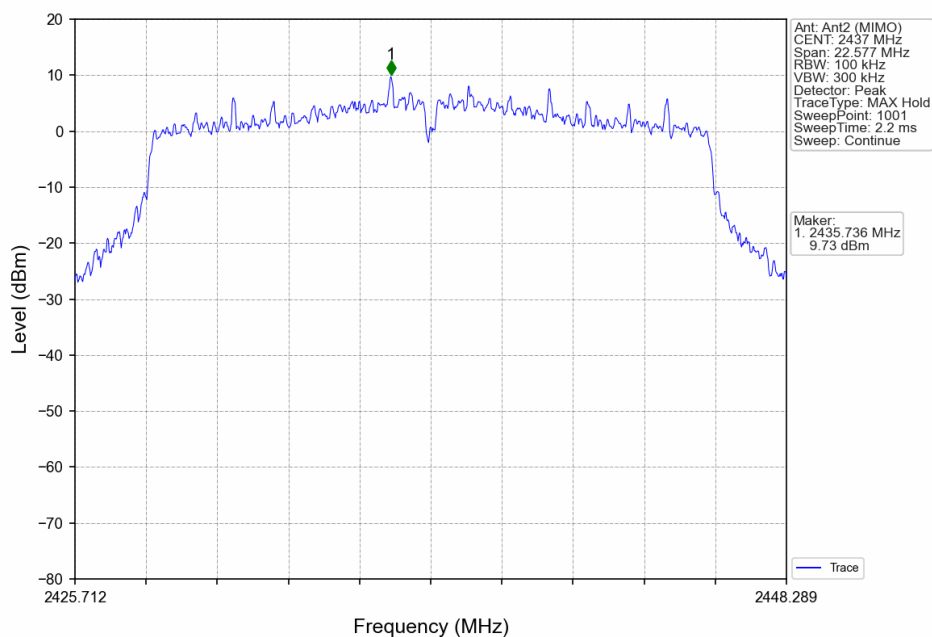
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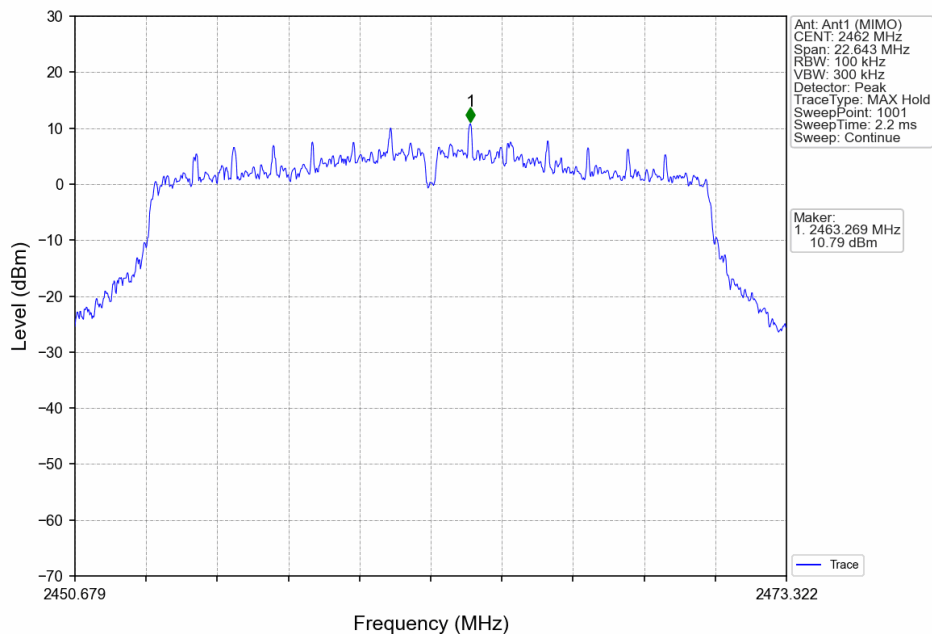
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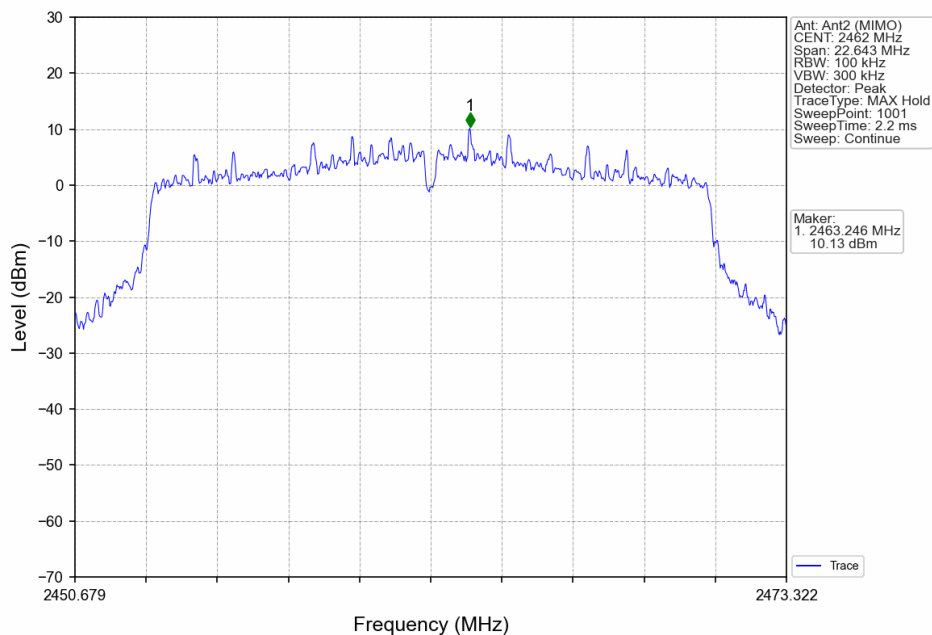
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802.11n(HT20)_HCH_2462MHz_Ant1 (MIMO)_NTNV



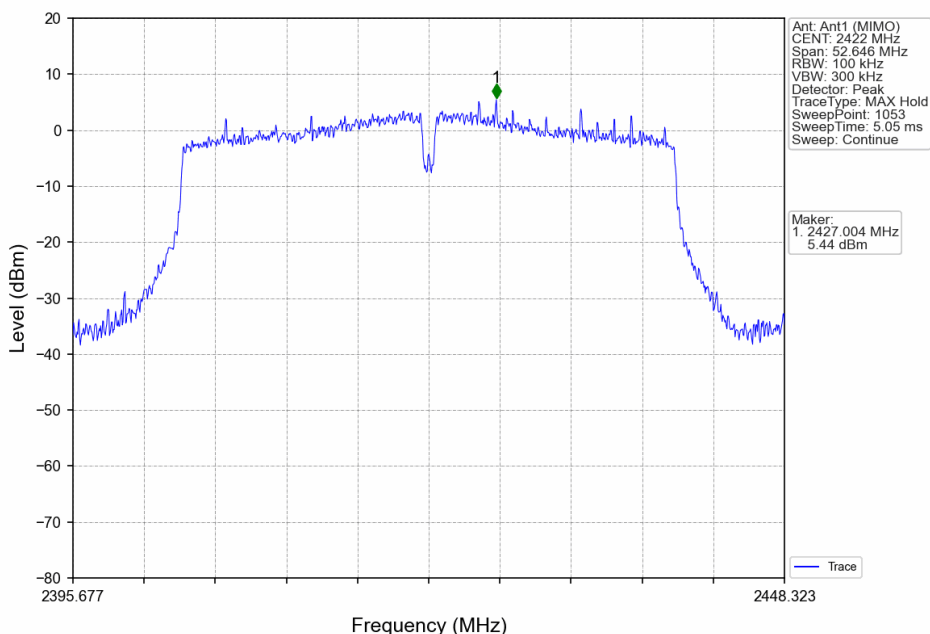
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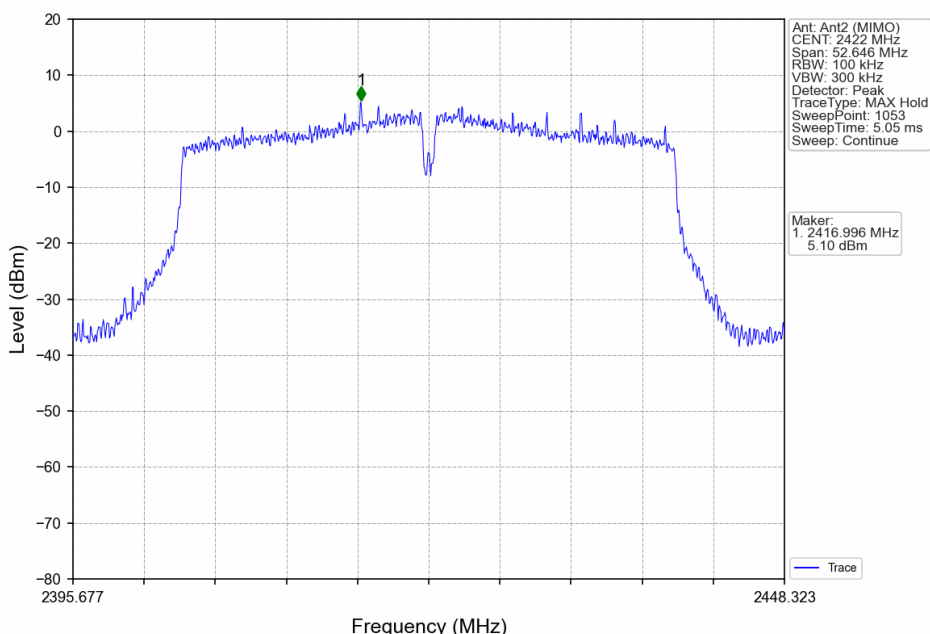
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802.11n(HT40)_LCH_2422MHz_Ant1 (MIMO)_NTNV



802.11n(HT40)_LCH_2422MHz_Ant2 (MIMO)_NTNV



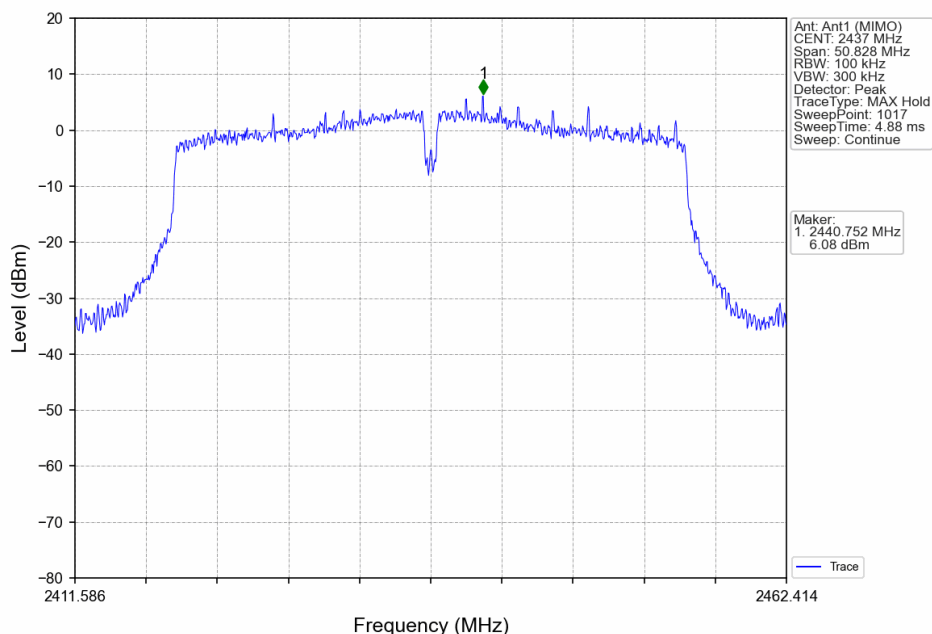
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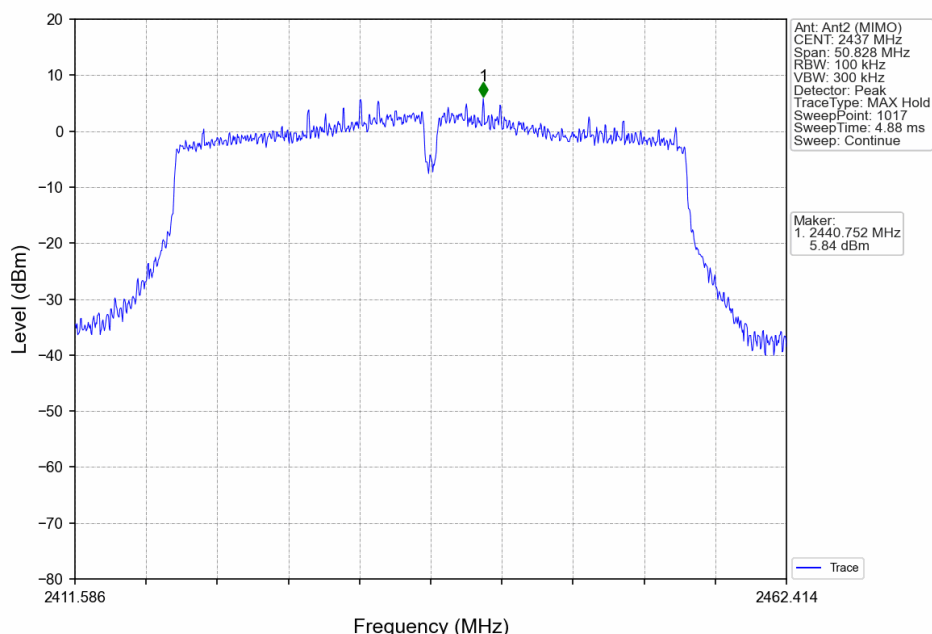
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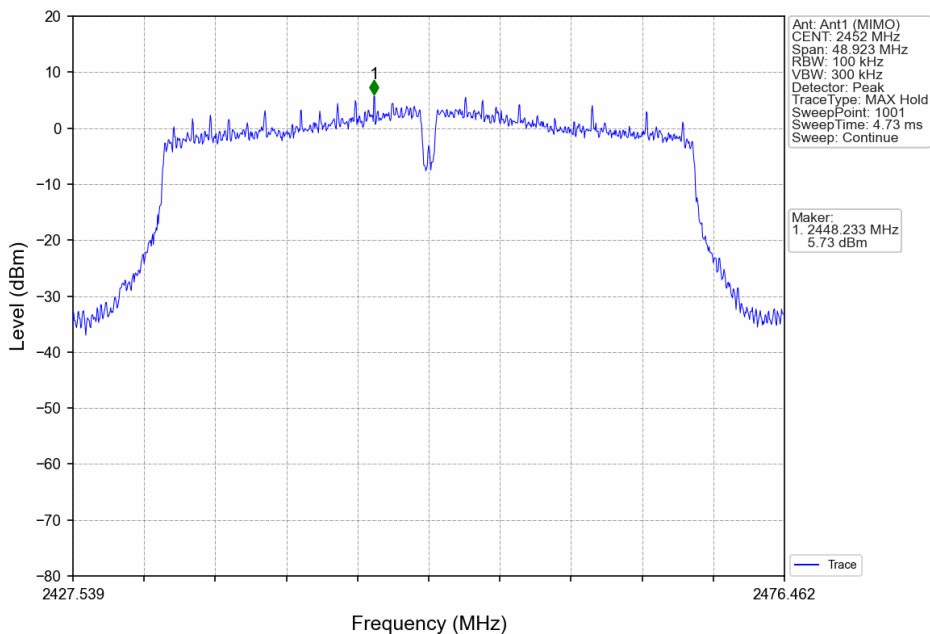
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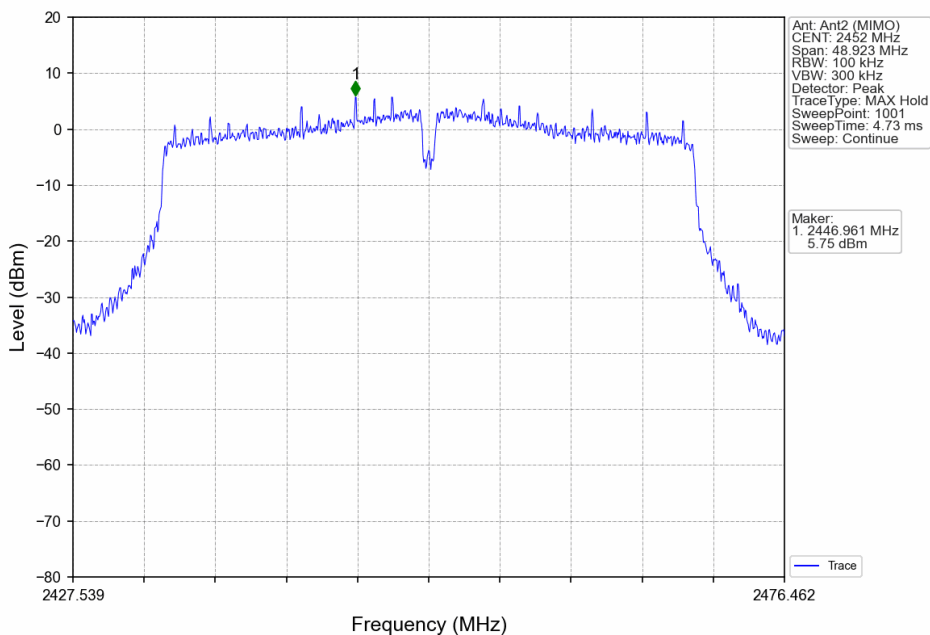
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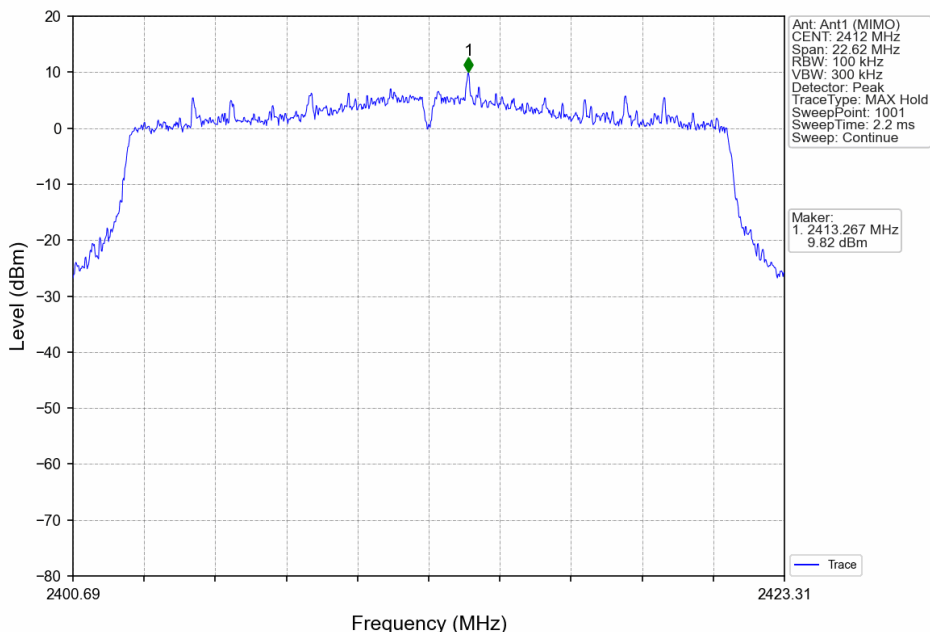
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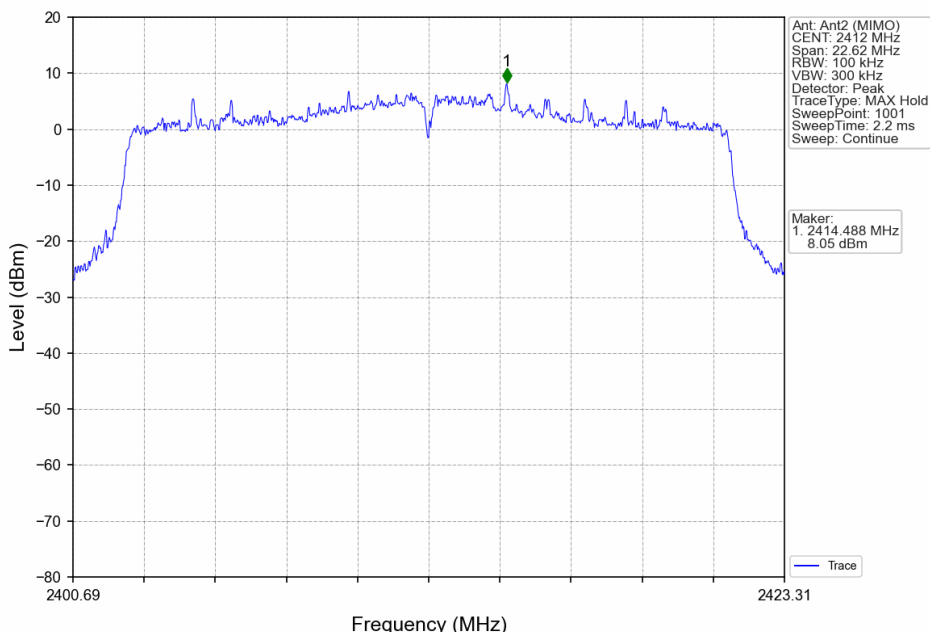
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802.11ax(HEW20)_LCH_2412MHz_RU242_Left_Ant1 (MIMO)_NTNV



802.11ax(HEW20)_LCH_2412MHz_RU242_Left_Ant2 (MIMO)_NTNV



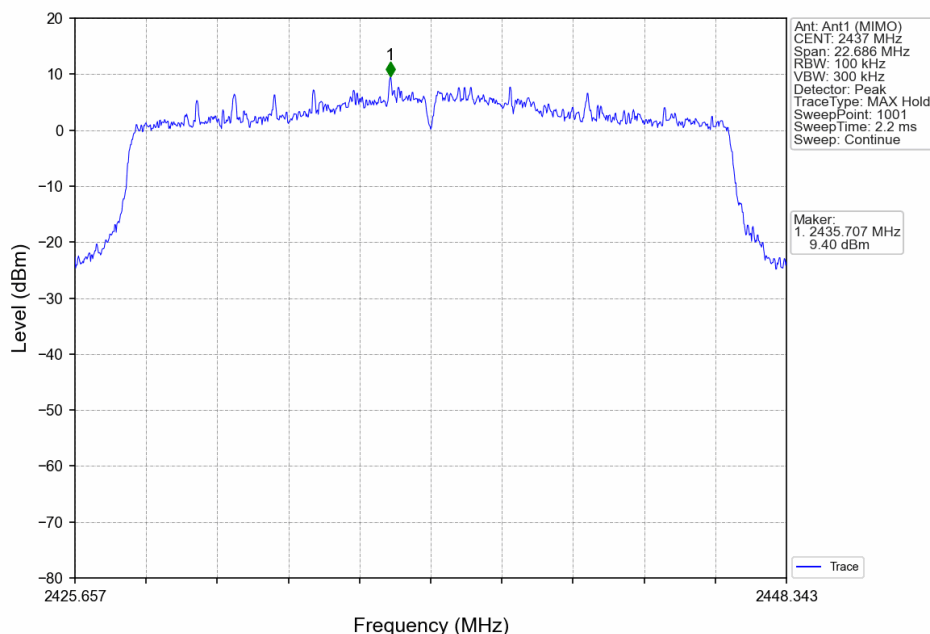
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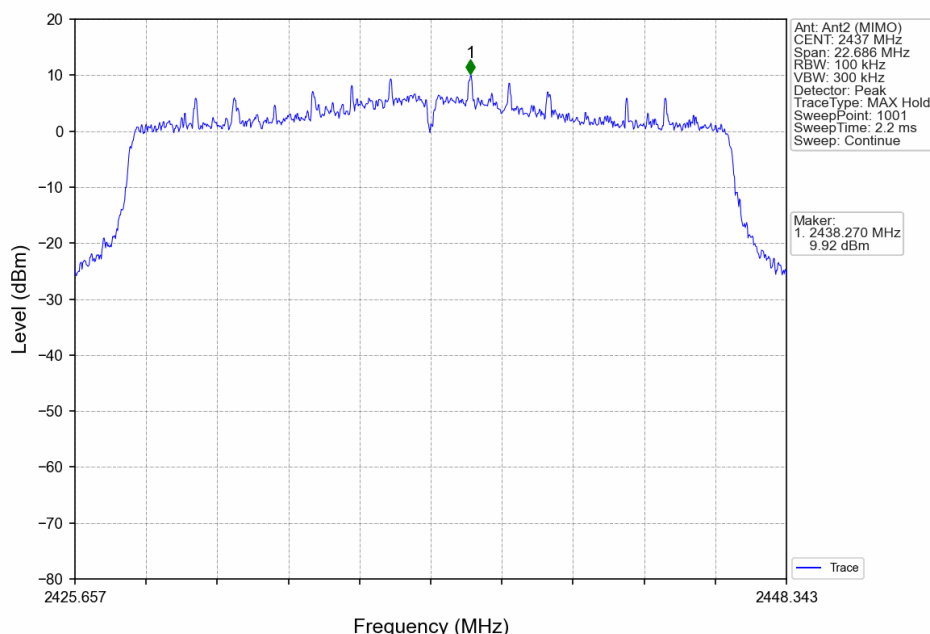
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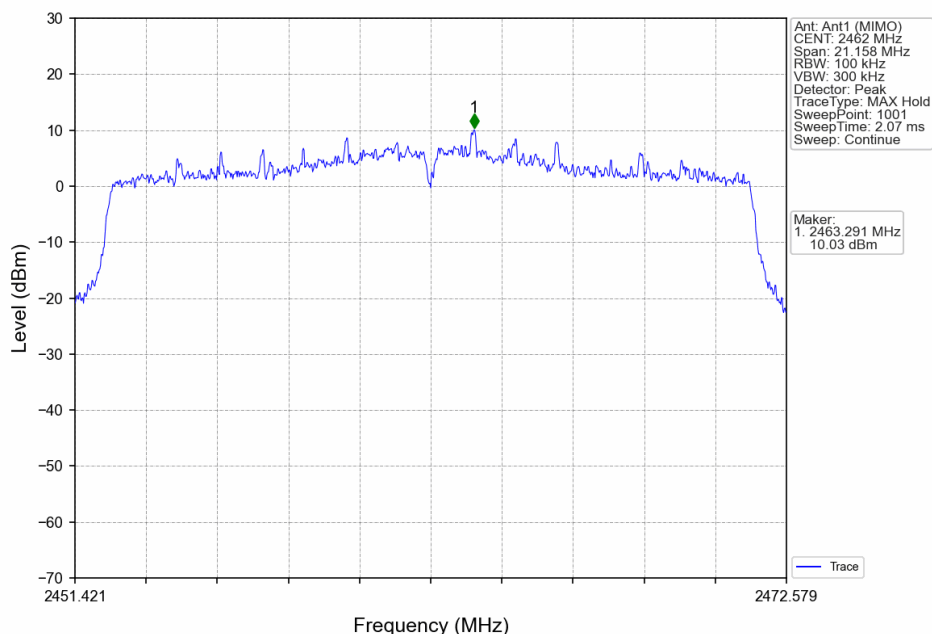
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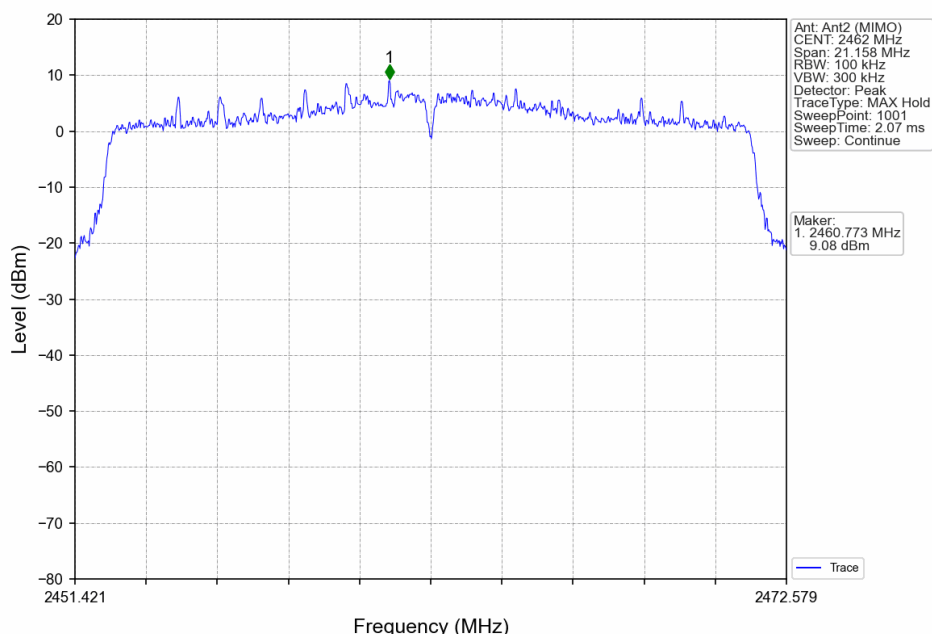
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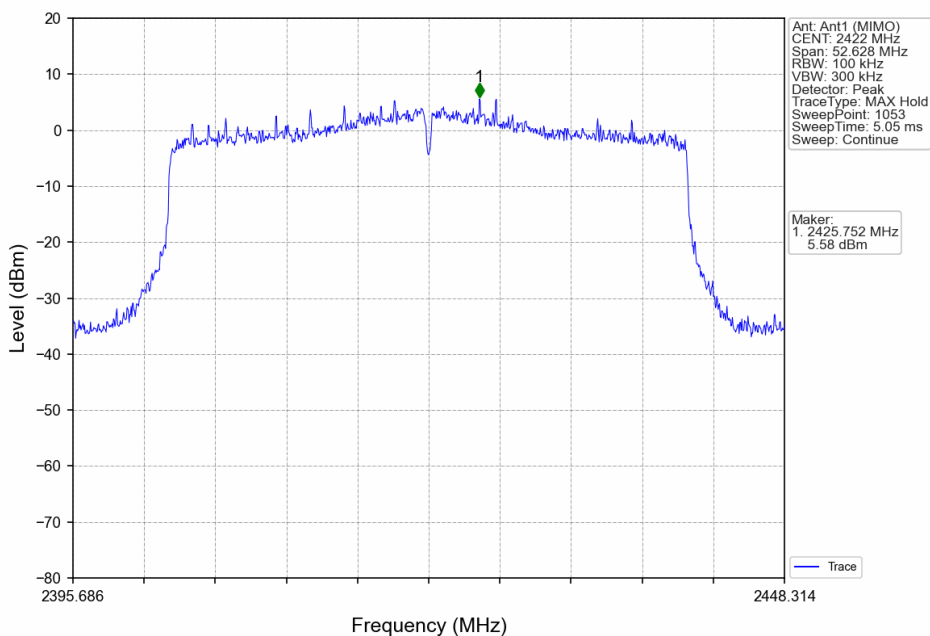
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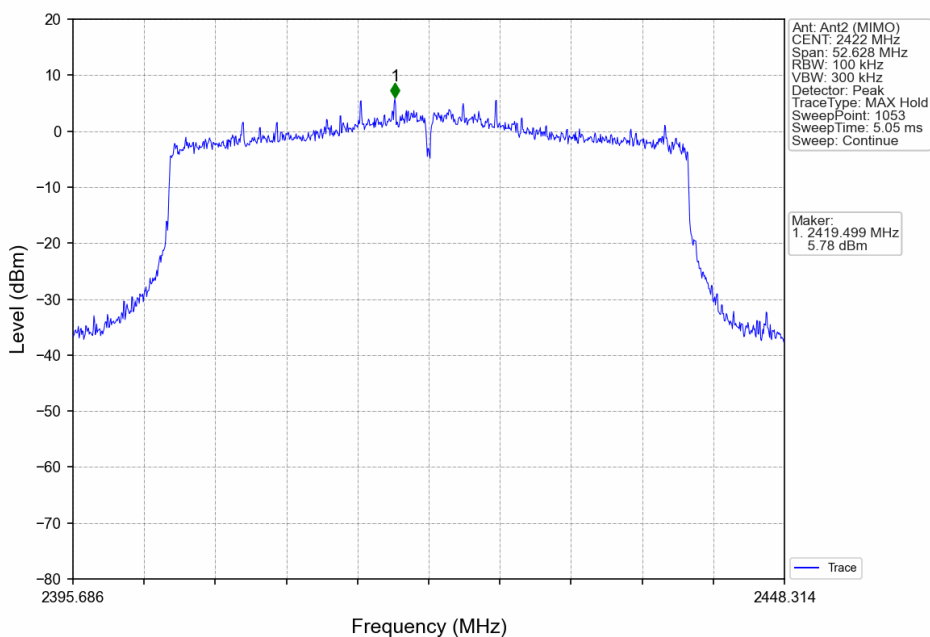
802.11ax(HEW20)_HCH_2462MHz_RU242_Left_Ant2 (MIMO)_NTNV



802.11ax(HEW40)_LCH_2422MHz_RU484_Left_Ant1 (MIMO)_NTNV



802.11ax(HEW40)_LCH_2422MHz_RU484_Left_Ant2 (MIMO)_NTNV



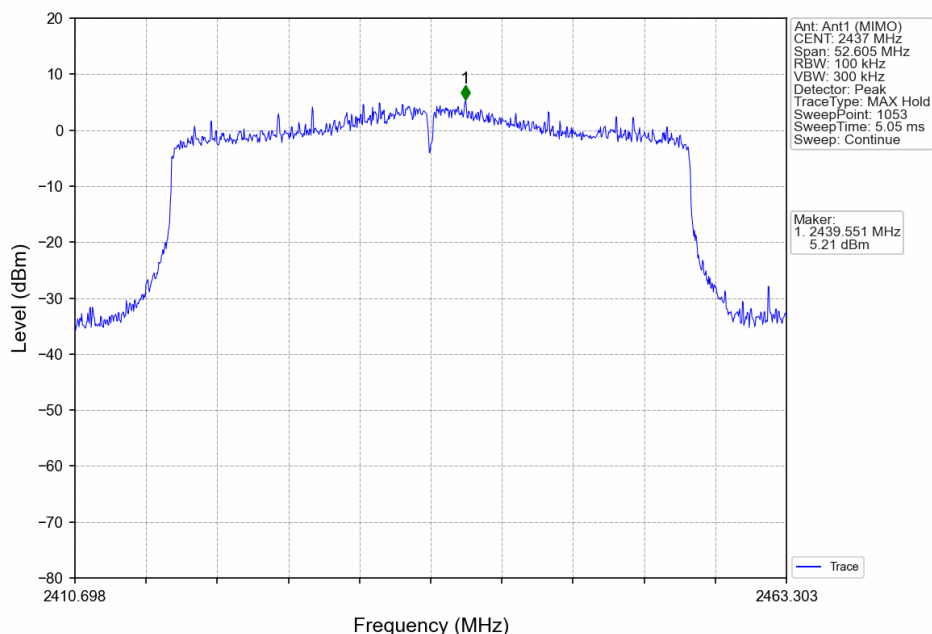
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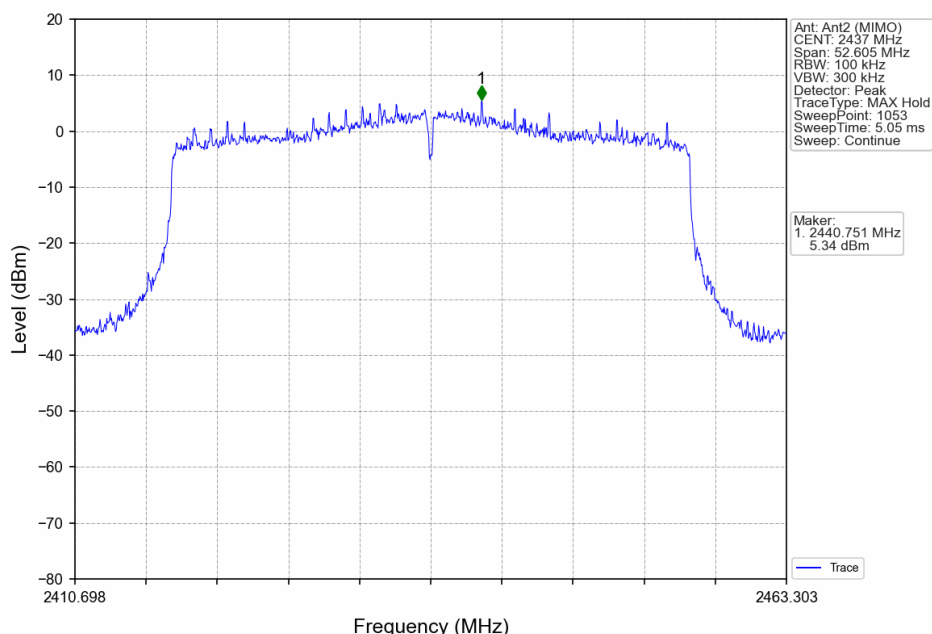
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802.11ax(HEW40)_MCH_2437MHz_RU484_Left_Ant1 (MIMO)_NTNV



802.11ax(HEW40)_MCH_2437MHz_RU484_Left_Ant2 (MIMO)_NTNV



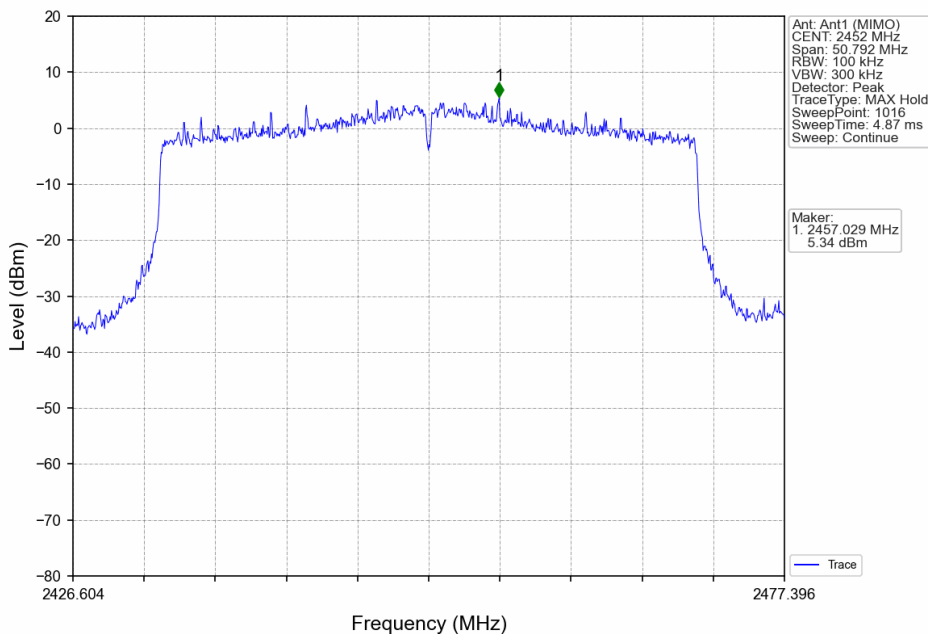
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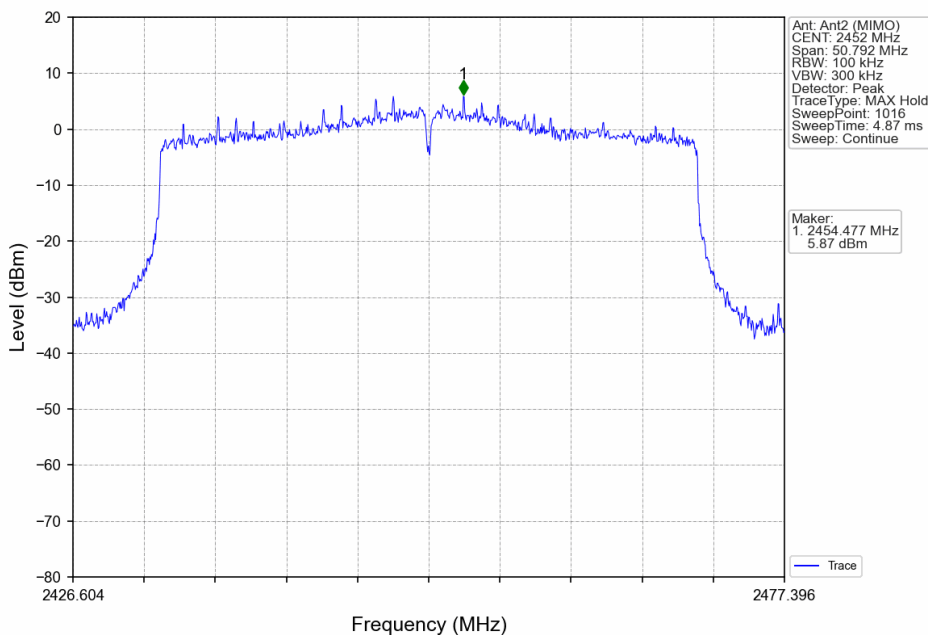
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802.11ax(HEW40)_HCH_2452MHz_RU484_Left_Ant1 (MIMO)_NTNV



802.11ax(HEW40)_HCH_2452MHz_RU484_Left_Ant2 (MIMO)_NTNV



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5.2 CSE

5.2.1 Test Result

Mode	TX Type	Frequency (MHz)	RU	RU Pos	ANT	Level of Reference (dBm)	Limit (dBm)	Verdict
802.11b	SISO	2412	/	/	1	13.74	-16.26	Pass
					2	13.52	-16.48	Pass
		2437	/	/	1	13.74	-16.26	Pass
					2	13.52	-16.48	Pass
		2462	/	/	1	13.74	-16.26	Pass
					2	13.52	-16.48	Pass
802.11g	SISO	2412	/	/	1	10.55	-19.45	Pass
					2	10.53	-19.47	Pass
		2437	/	/	1	10.55	-19.45	Pass
					2	10.53	-19.47	Pass
		2462	/	/	1	10.55	-19.45	Pass
					2	10.53	-19.47	Pass
802.11n (HT20)	MIMO	2412	/	/	1	11.00	-19.00	Pass
					2	11.42	-18.58	Pass
		2437	/	/	1	11.00	-19.00	Pass
					2	11.42	-18.58	Pass
		2462	/	/	1	11.00	-19.00	Pass
					2	11.42	-18.58	Pass
802.11n (HT40)	MIMO	2422	/	/	1	6.08	-23.92	Pass
					2	5.84	-24.16	Pass
		2437	/	/	1	6.08	-23.92	Pass
					2	5.84	-24.16	Pass
		2452	/	/	1	6.08	-23.92	Pass
					2	5.84	-24.16	Pass
802.11ax (HEW20)	MIMO	2412	RU242	Left	1	10.03	-19.97	Pass
					2	9.92	-20.08	Pass
		2437	RU242	Left	1	10.03	-19.97	Pass
					2	9.92	-20.08	Pass
		2462	RU242	Left	1	10.03	-19.97	Pass
					2	9.92	-20.08	Pass
802.11ax (HEW40)	MIMO	2422	RU484	Left	1	5.58	-24.42	Pass
					2	5.87	-24.13	Pass
		2437	RU484	Left	1	5.58	-24.42	Pass
					2	5.87	-24.13	Pass



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		2452	RU484	Left	1	5.58	-24.42	Pass
					2	5.87	-24.13	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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