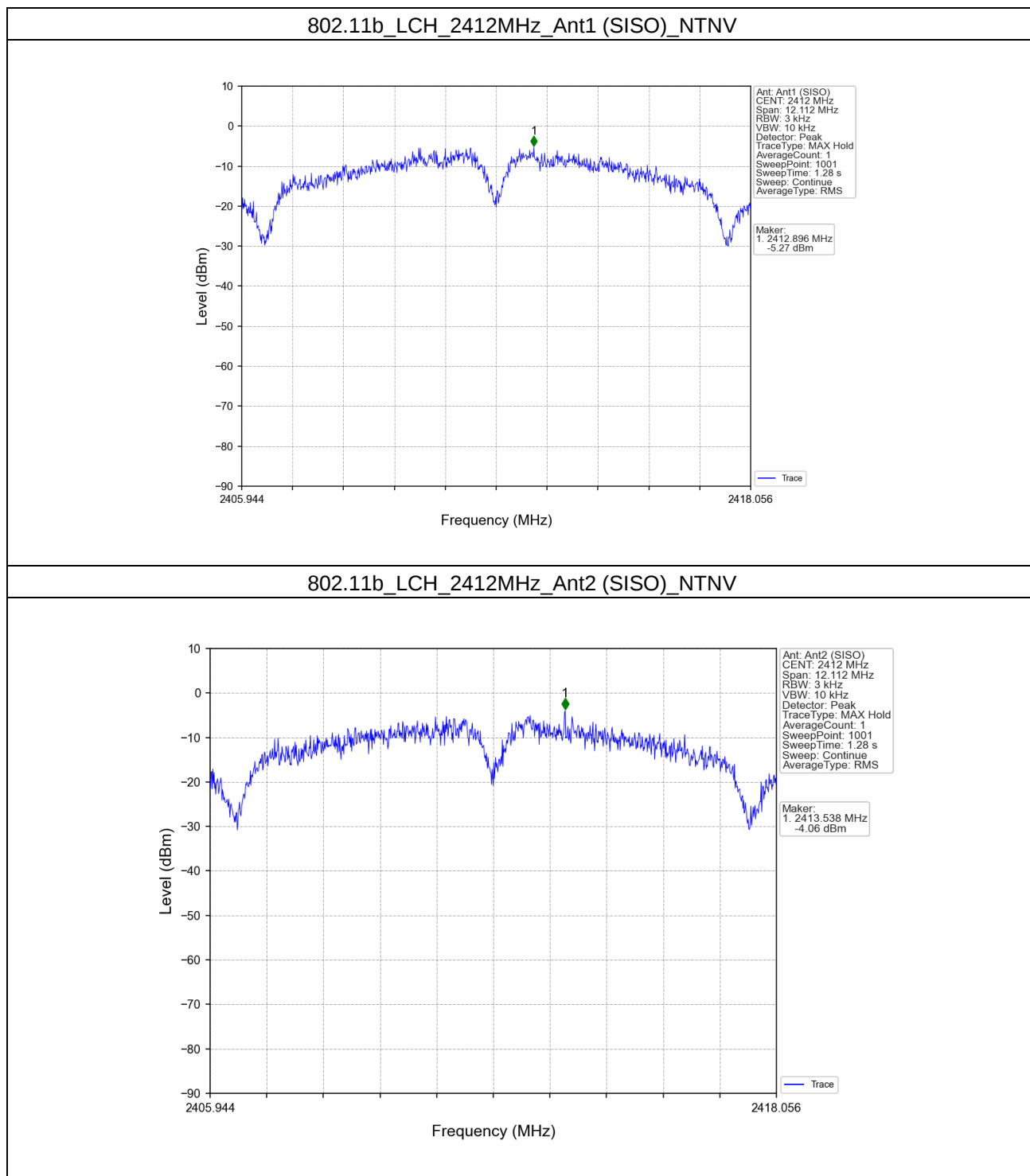


4.1.2 Test Graph



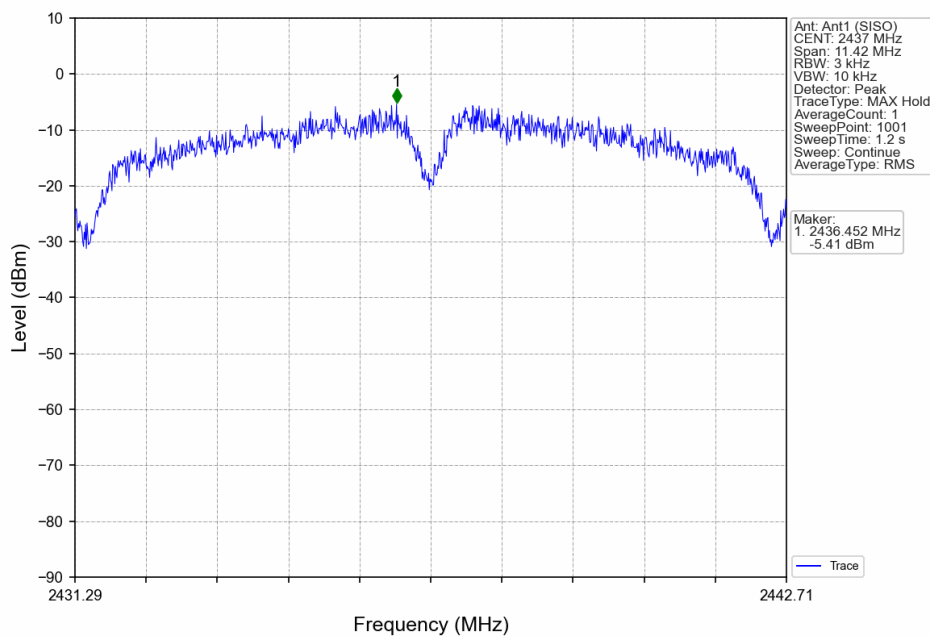
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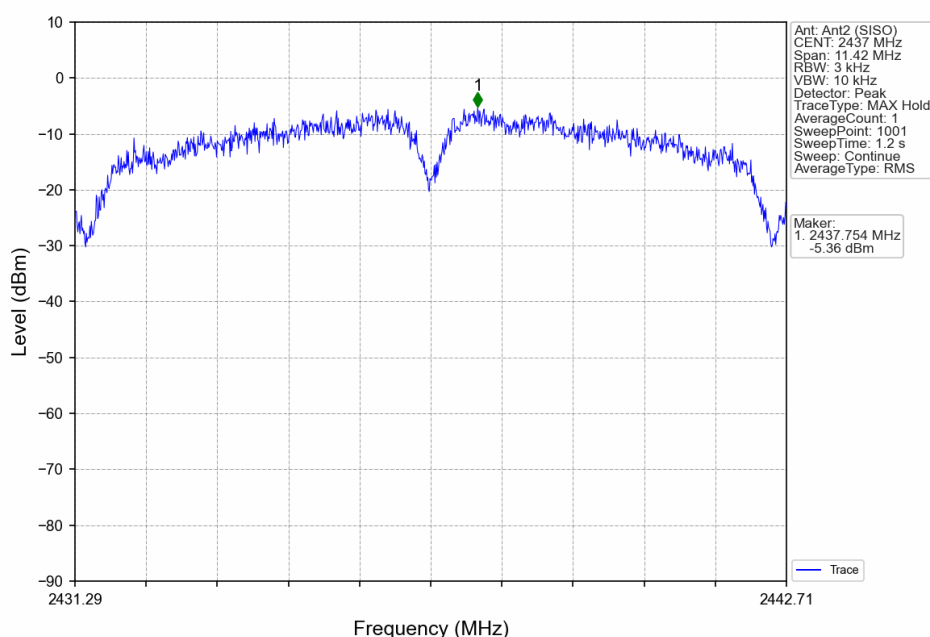
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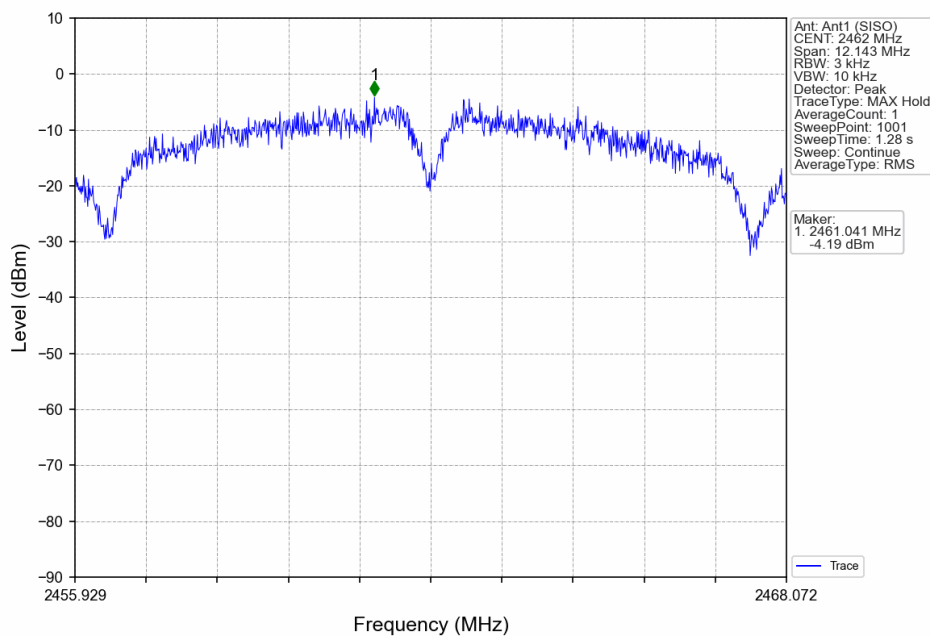
802.11b_MCH_2437MHz_Ant1 (SISO)_NTNV



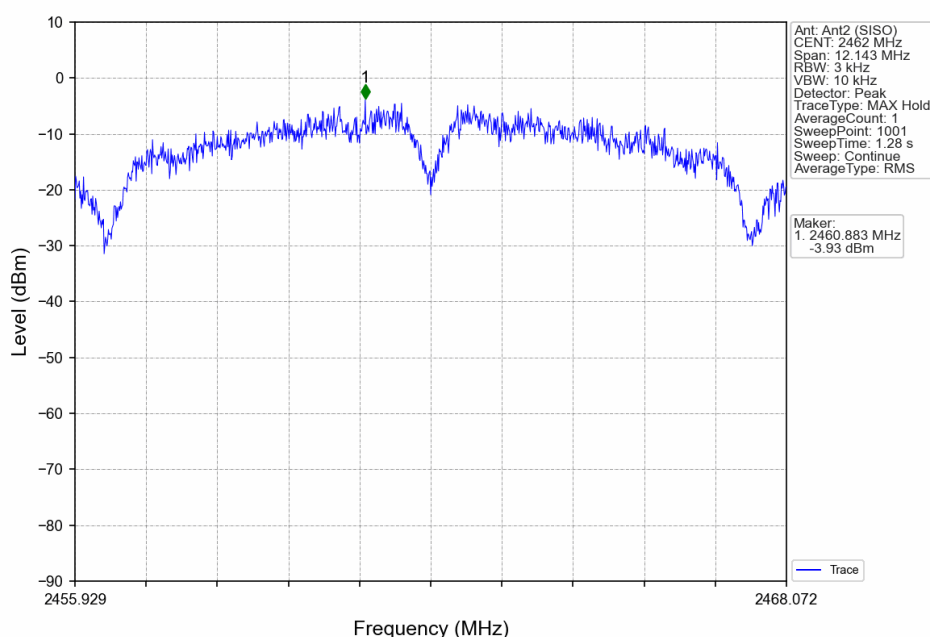
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802.11b_HCH_2462MHz_Ant1 (SISO)_NTNV



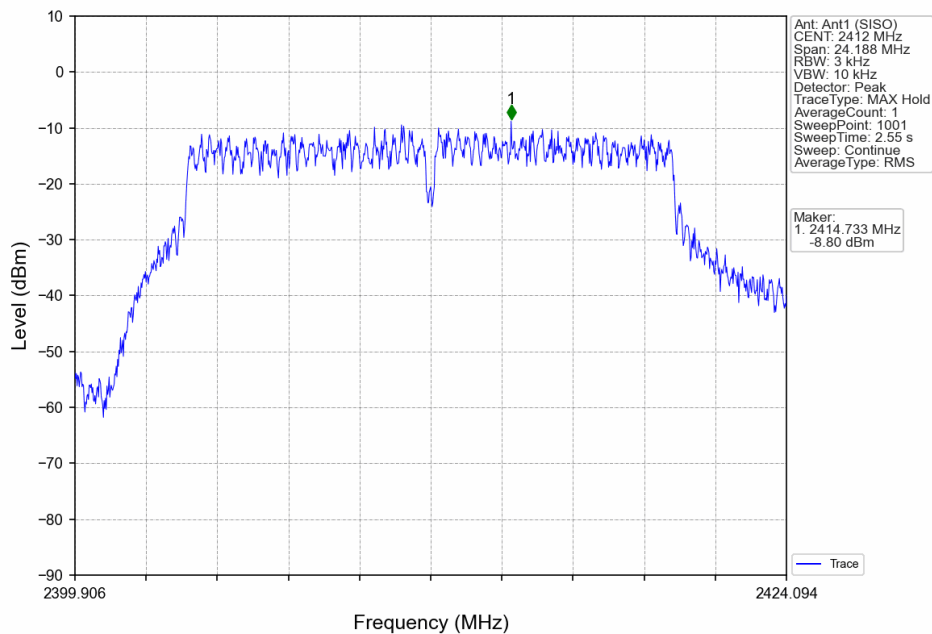
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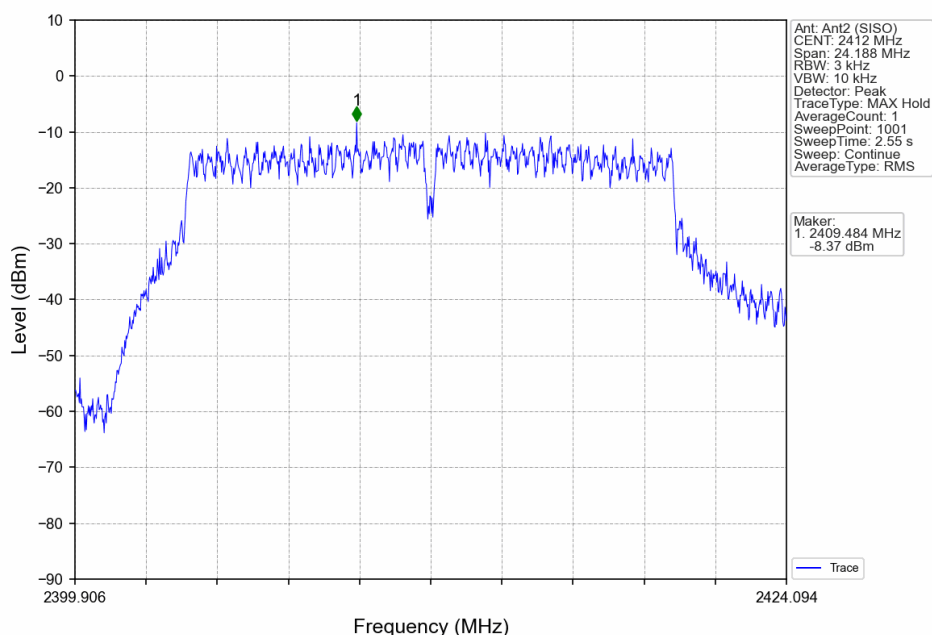
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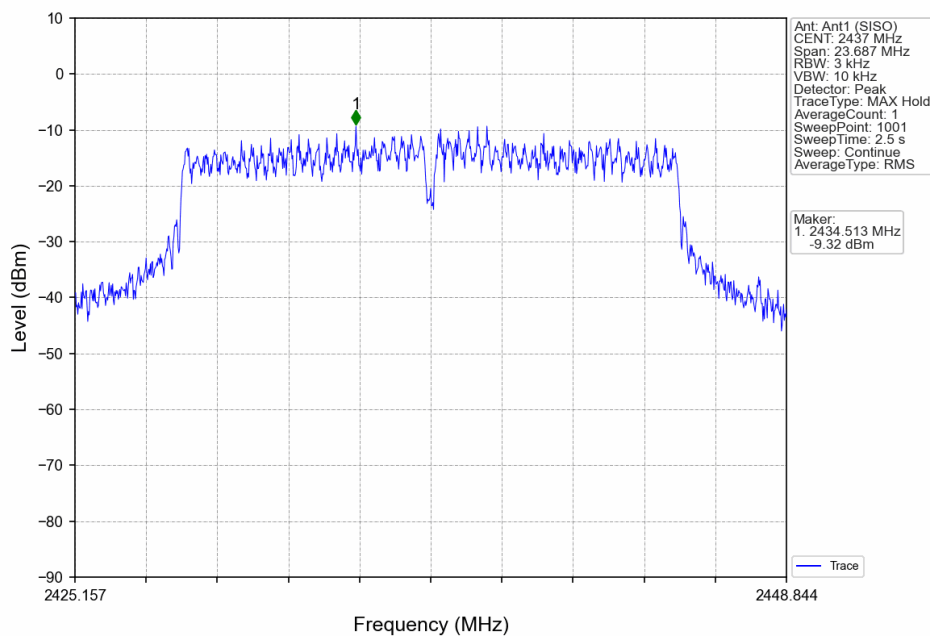
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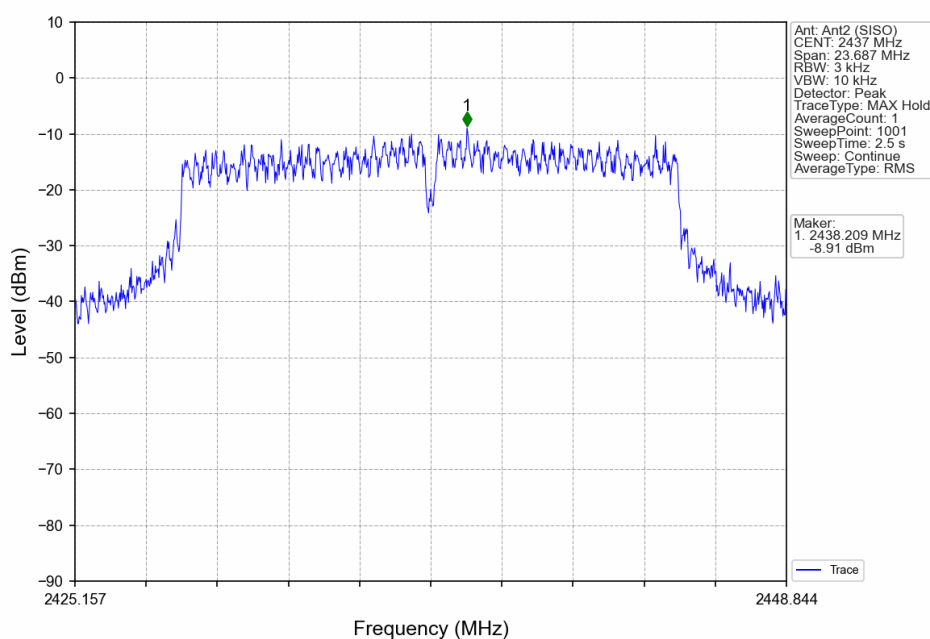
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802.11g_MCH_2437MHz_Ant1 (SISO)_NTNV



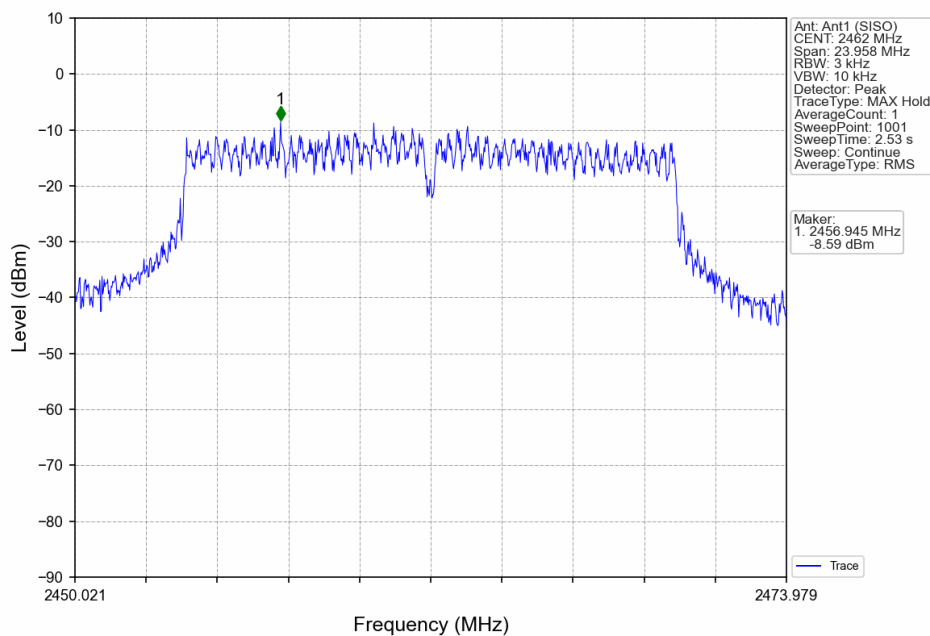
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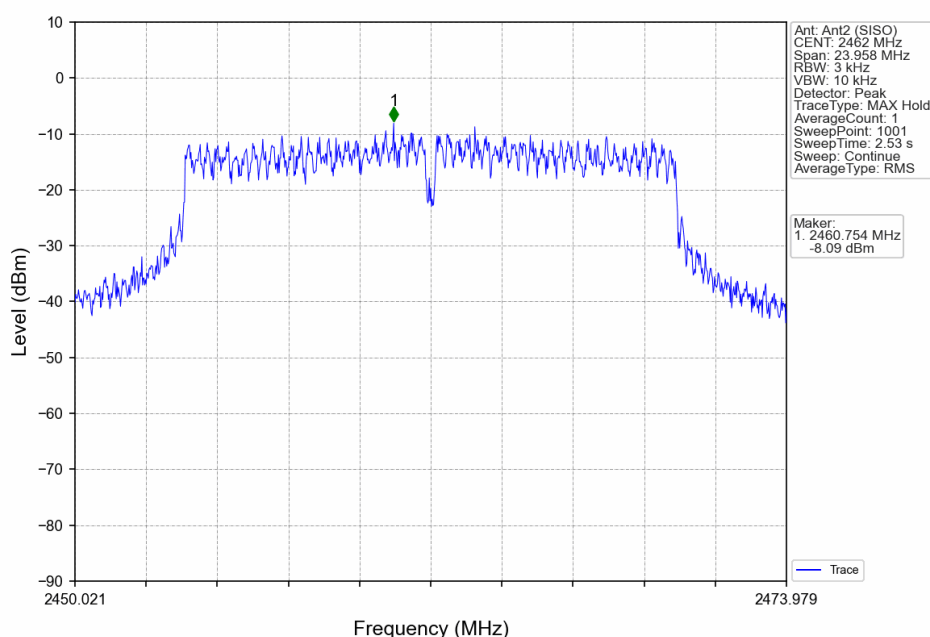
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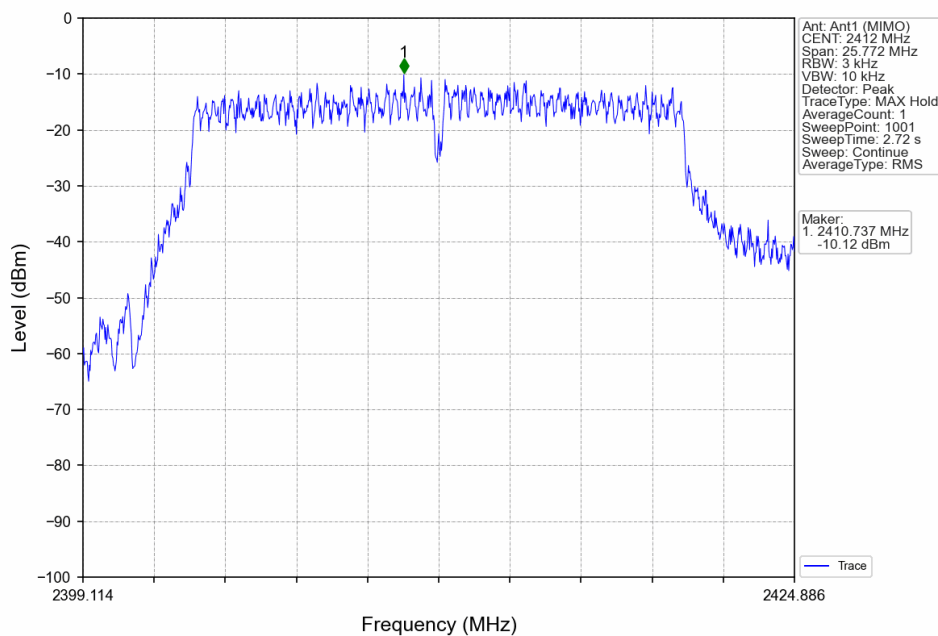
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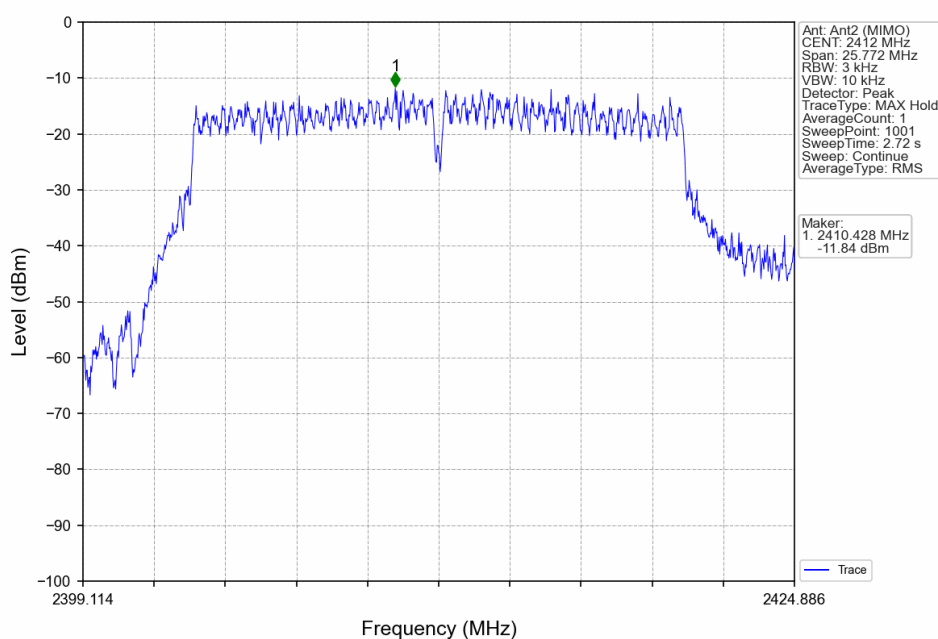
802.11g_HCH_2462MHz_Ant2 (SISO)_NTNV



802.11n(HT20)_LCH_2412MHz_Ant1 (MIMO)_NTNV



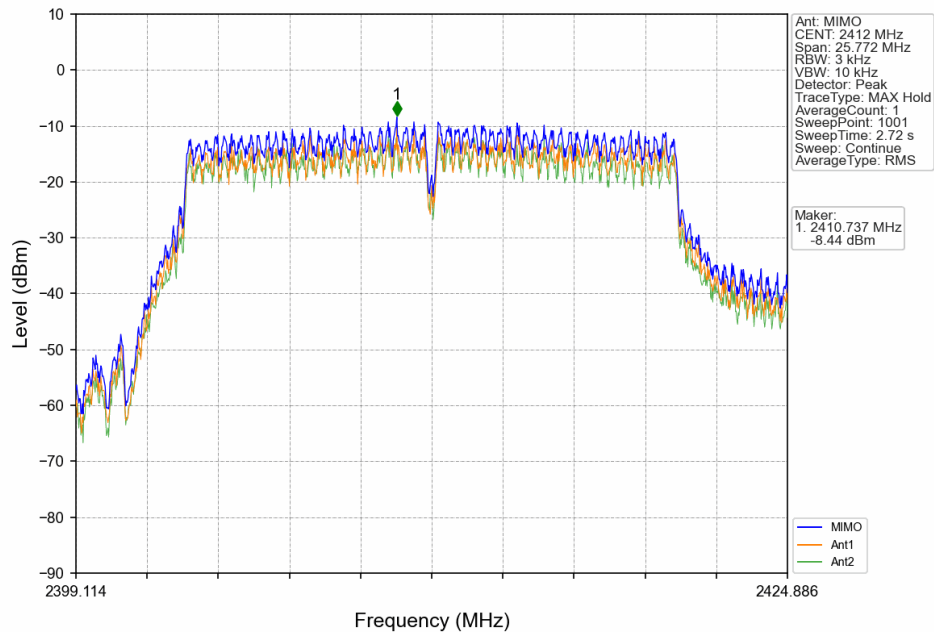
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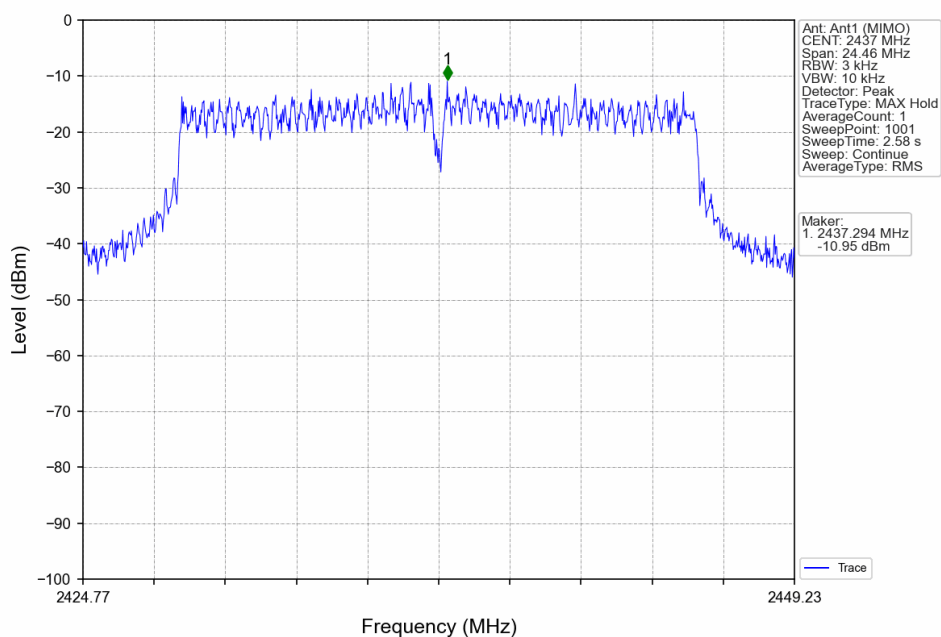
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802.11n(HT20)_LCH_2412MHz_MIMO_NTNV



802.11n(HT20)_MCH_2437MHz_Ant1 (MIMO)_NTNV



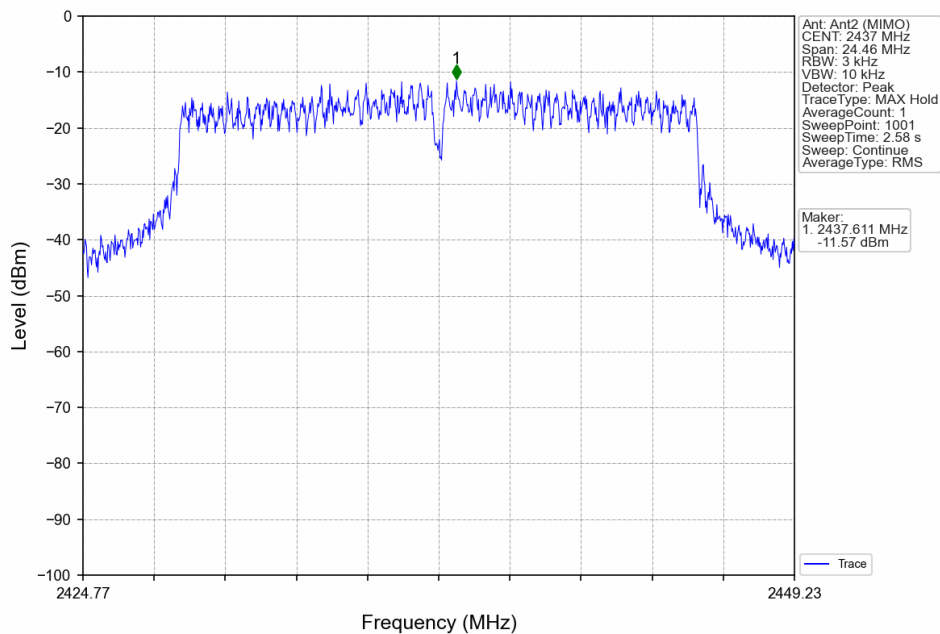
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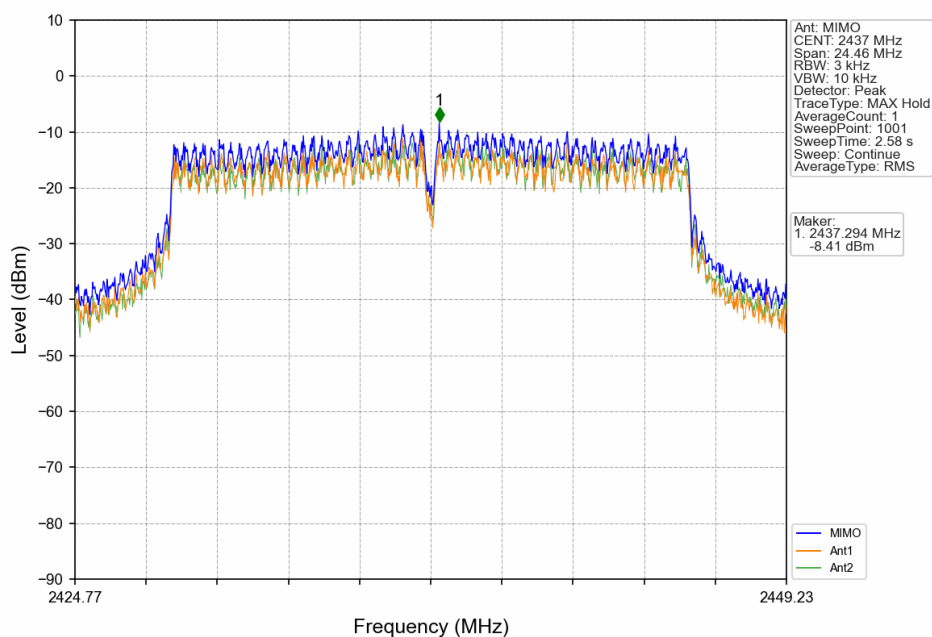
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802.11n(HT20)_MCH_2437MHz_Ant2 (MIMO)_NTNV



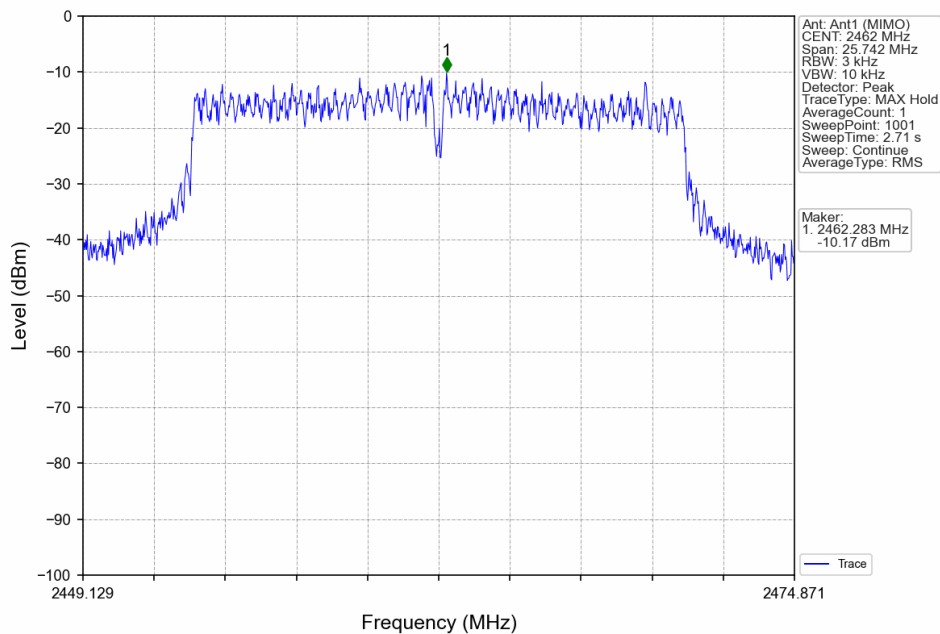
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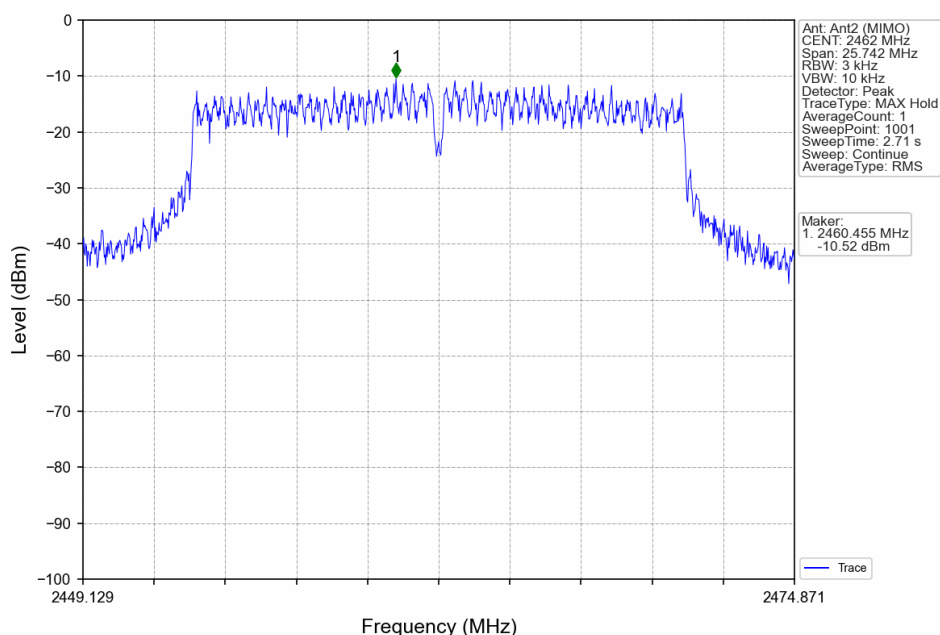
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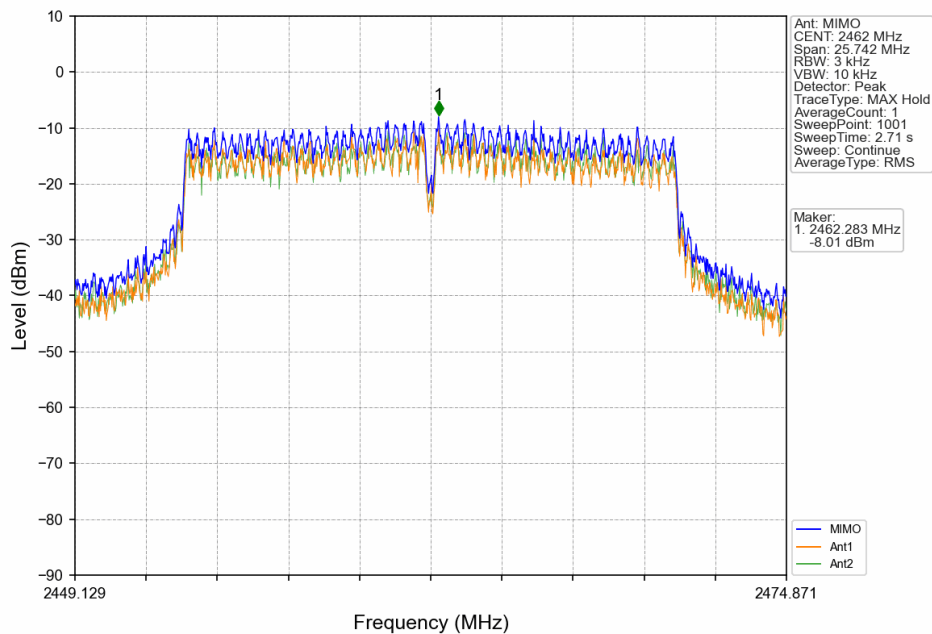
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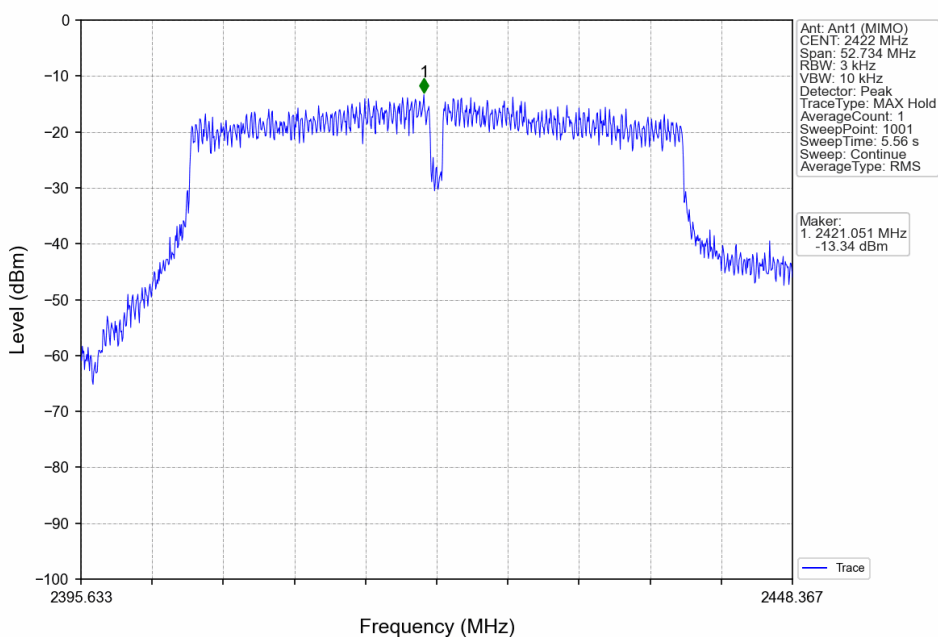
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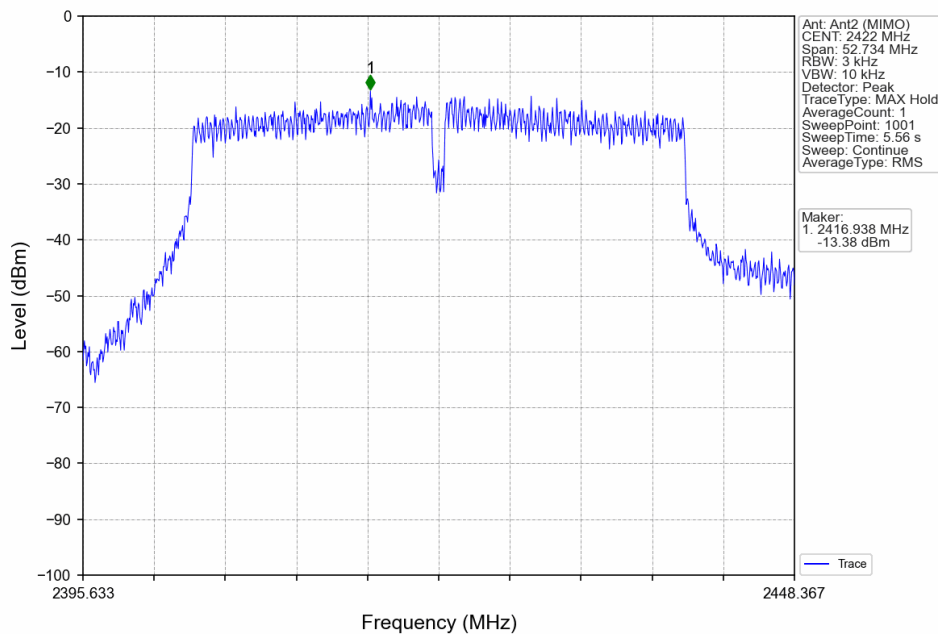
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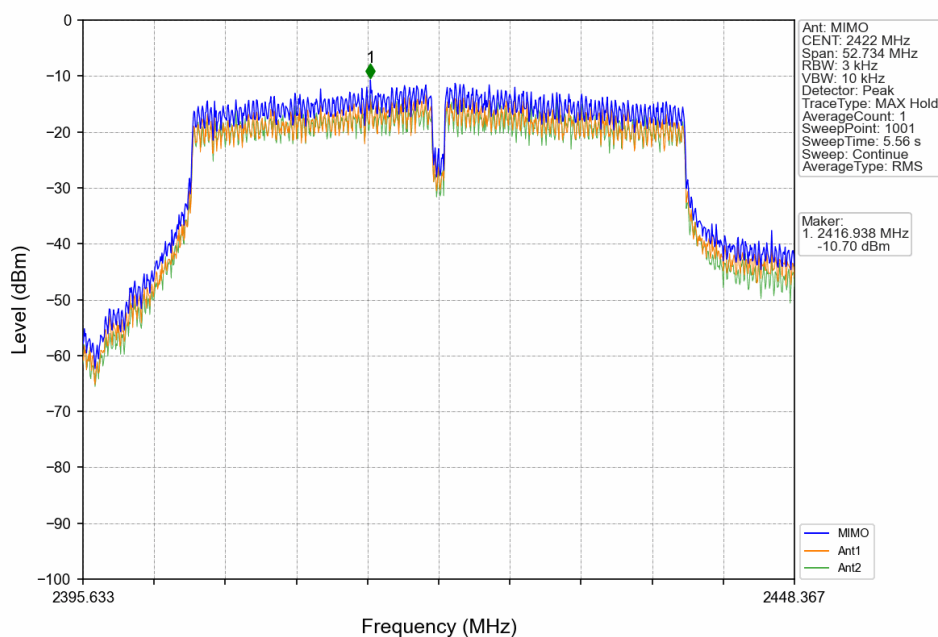
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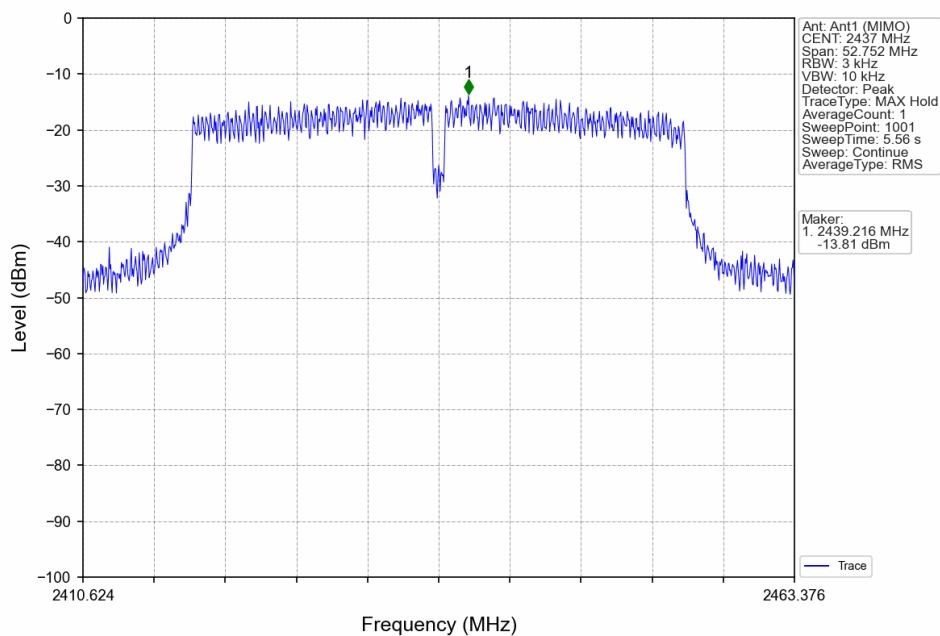
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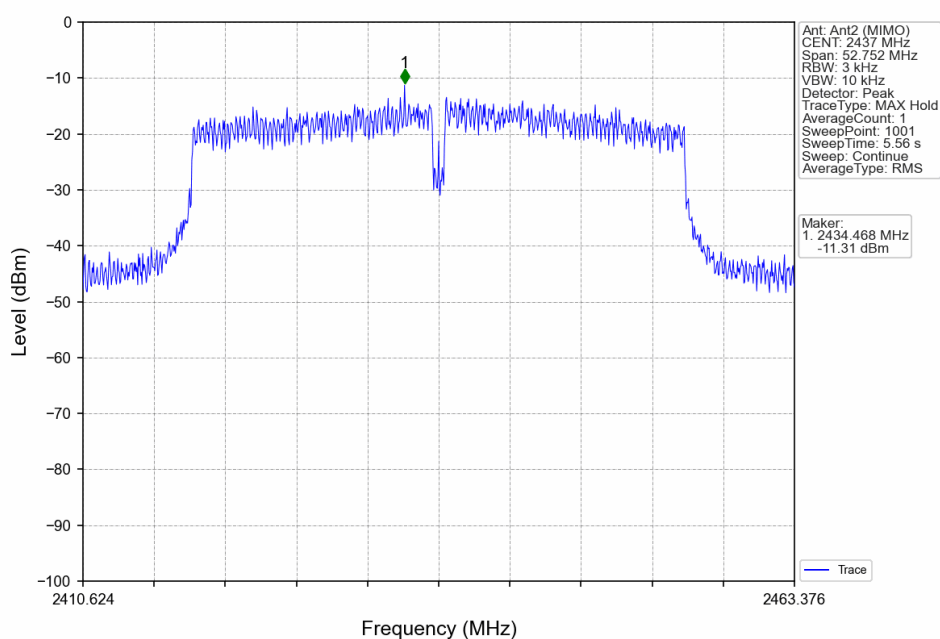
802.11n(HT40)_LCH_2422MHz_MIMO_NTNV



802.11n(HT40)_MCH_2437MHz_Ant1 (MIMO)_NTNV



802.11n(HT40)_MCH_2437MHz_Ant2 (MIMO)_NTNV

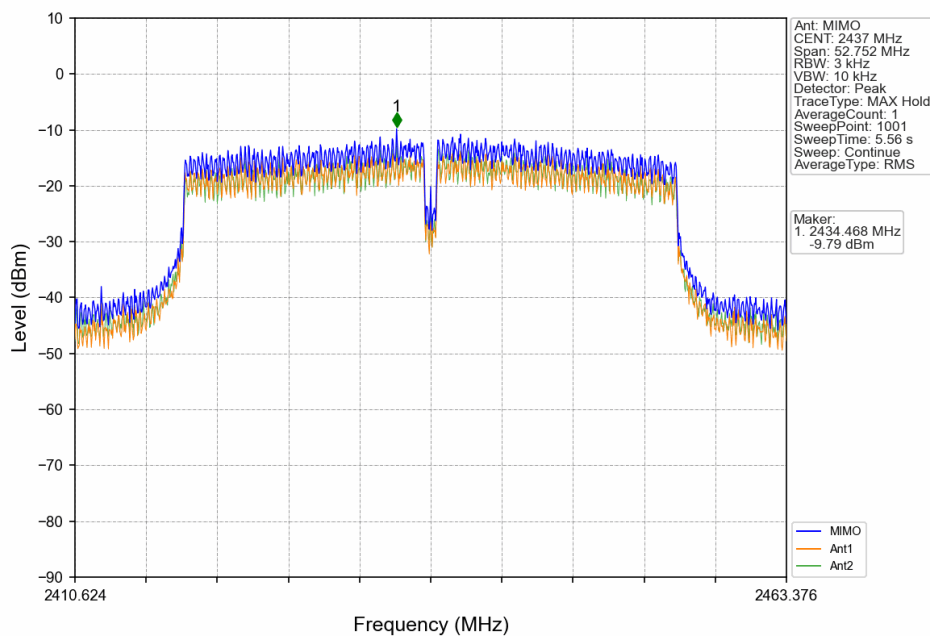


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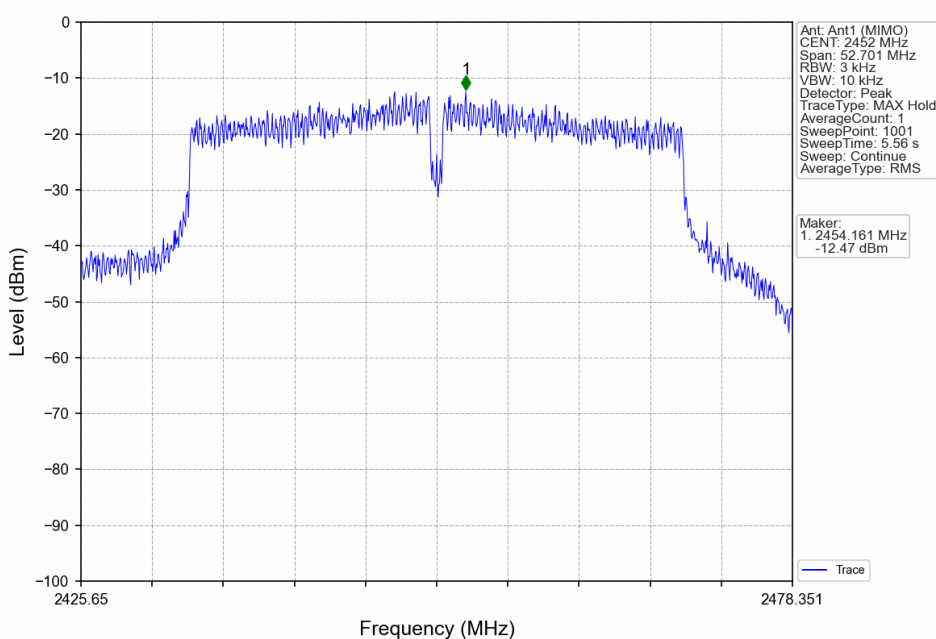
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802.11n(HT40)_MCH_2437MHz_MIMO_NTNV



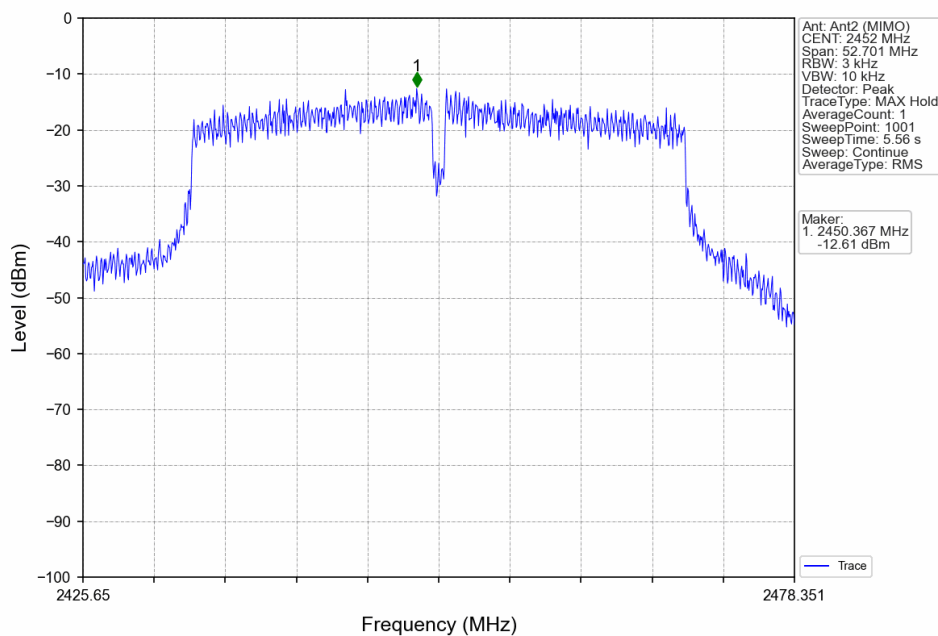
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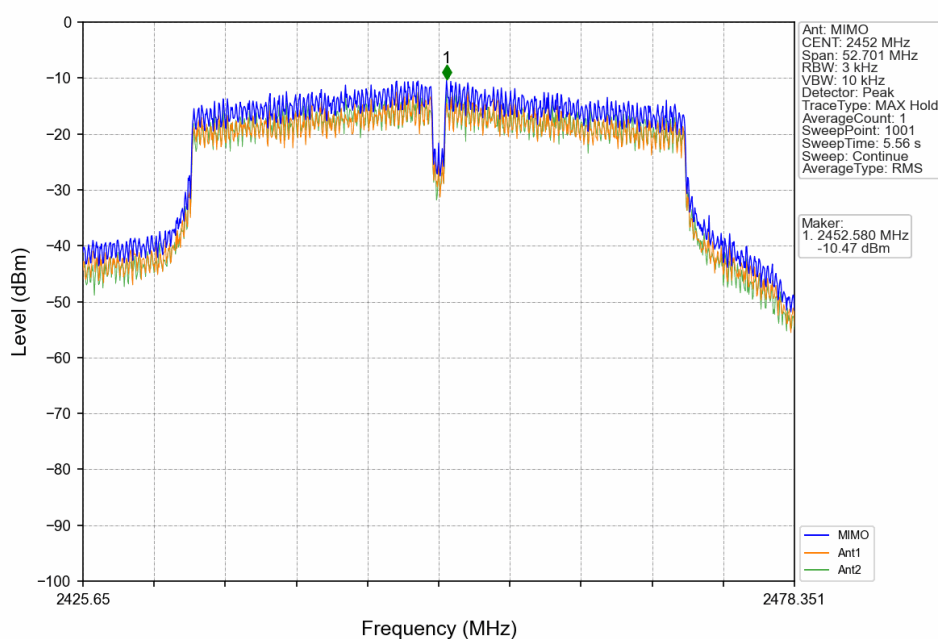
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802.11n(HT40)_HCH_2452MHz_Ant2 (MIMO)_NTNV



802.11n(HT40)_HCH_2452MHz_MIMO_NTNV



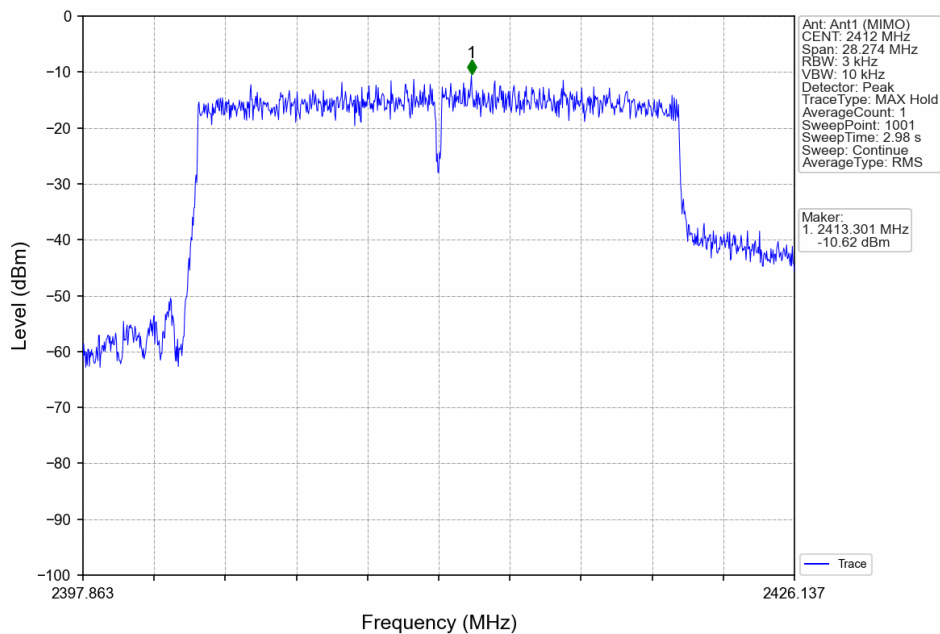
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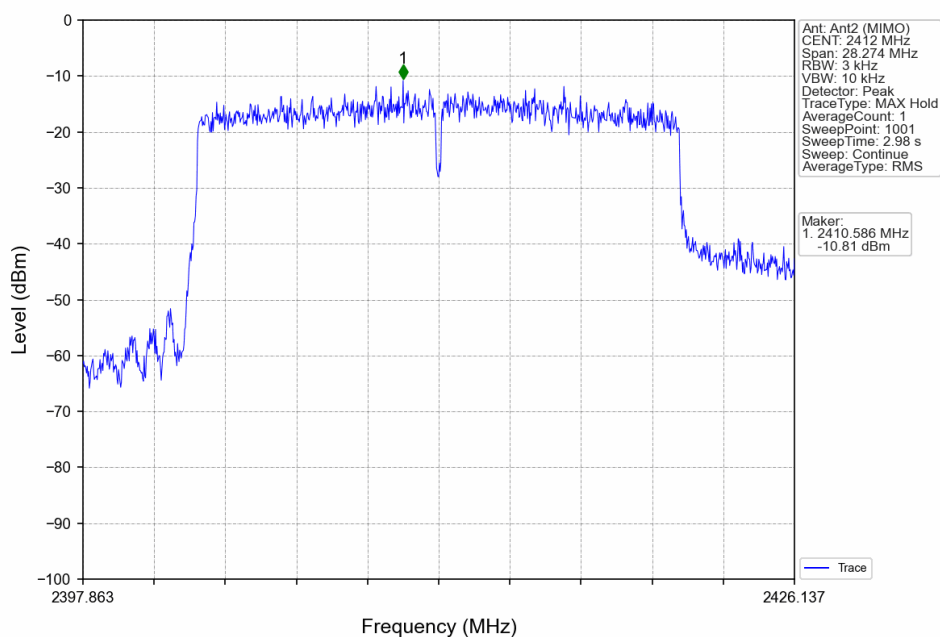
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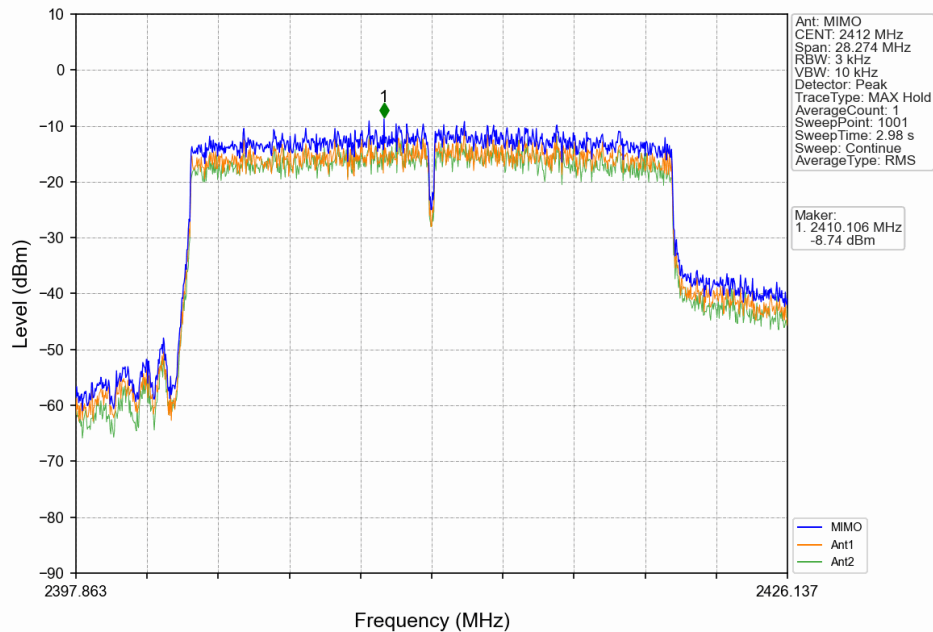
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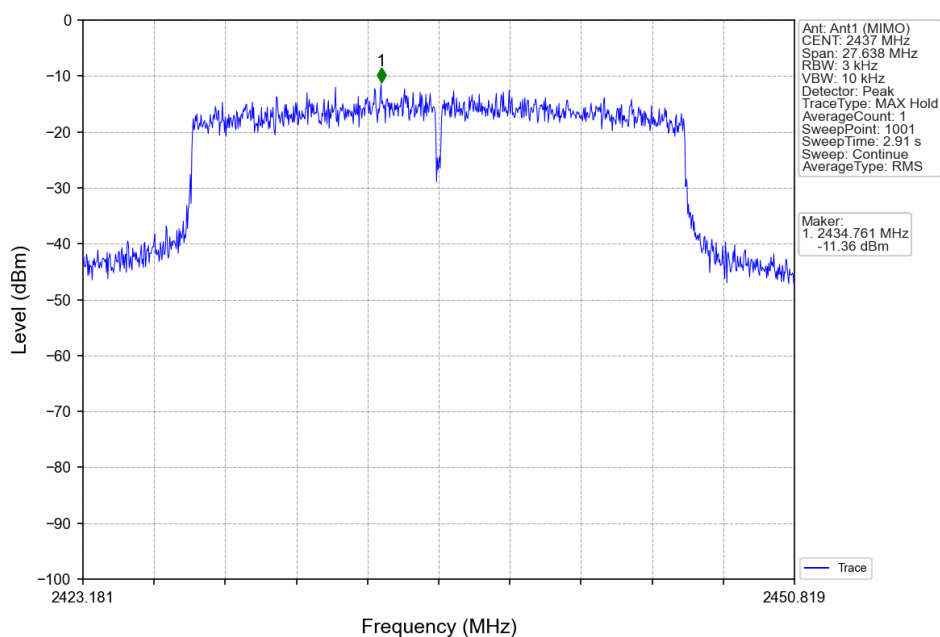
802.11ax(HEW20)_LCH_2412MHz_RU242_Left_Ant2 (MIMO)_NTNV



802.11ax(HEW20)_LCH_2412MHz_RU242_Left_MIMO_NTNV



802.11ax(HEW20)_MCH_2437MHz_RU242_Left_Ant1 (MIMO)_NTNV

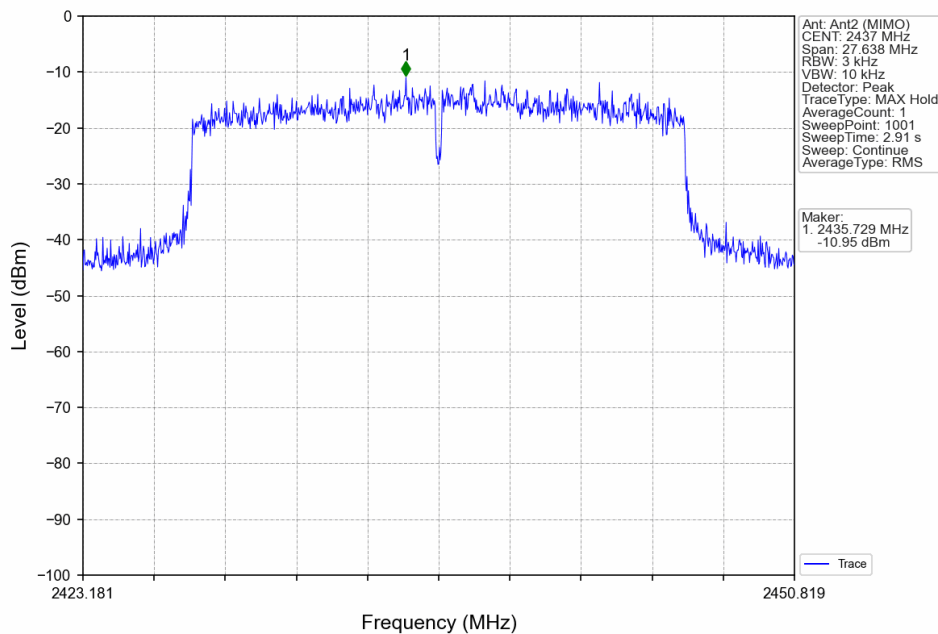


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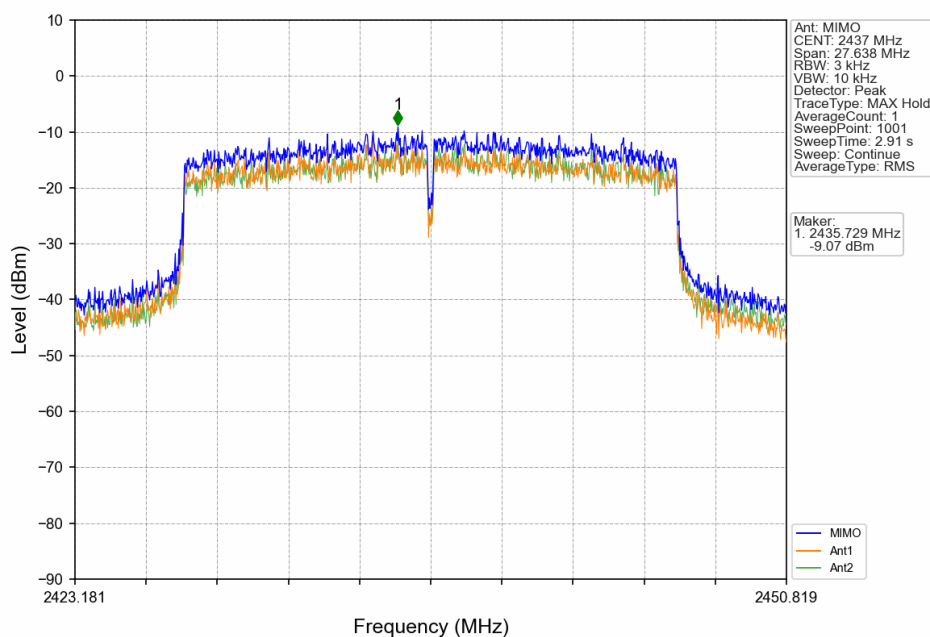
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802.11ax(HEW20)_MCH_2437MHz_RU242_Left_Ant2 (MIMO)_NTNV



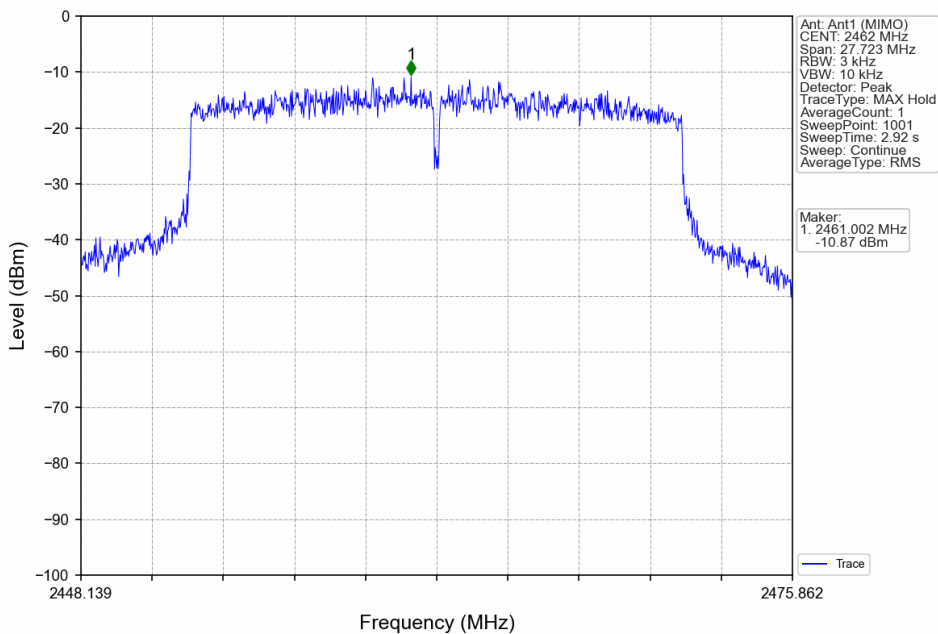
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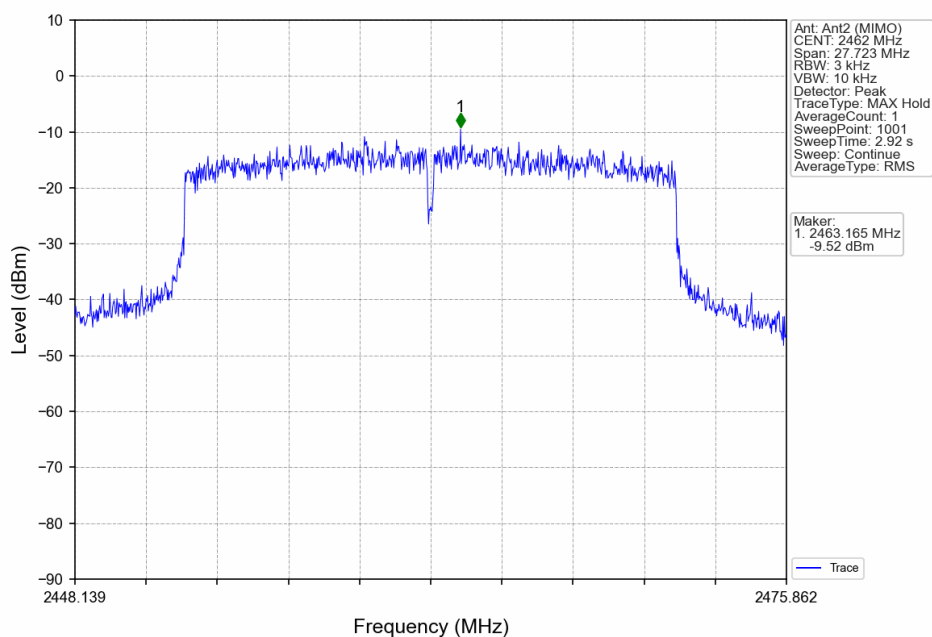
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802.11ax(HEW20)_HCH_2462MHz_RU242_Left_Ant2 (MIMO)_NTNV

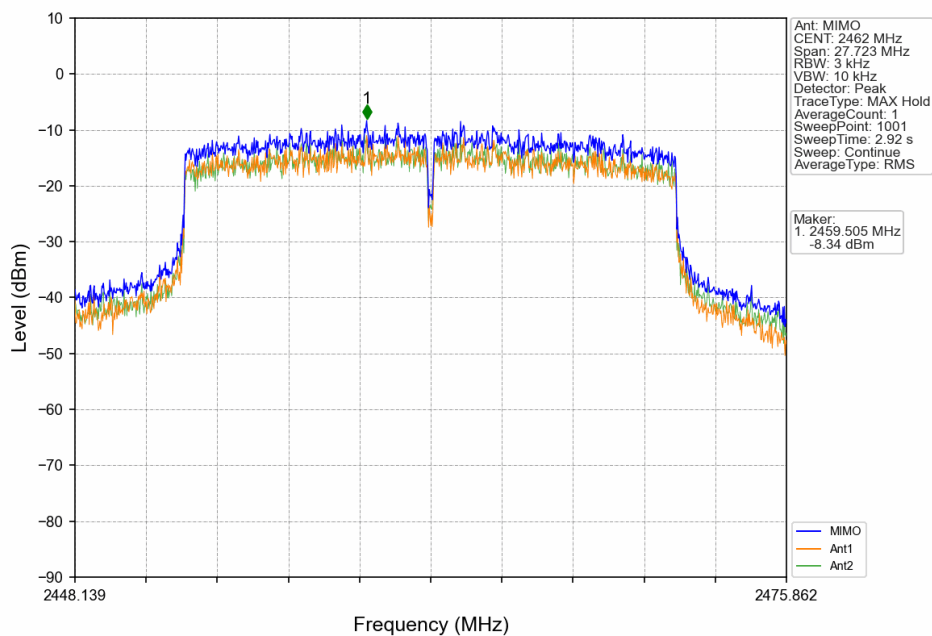


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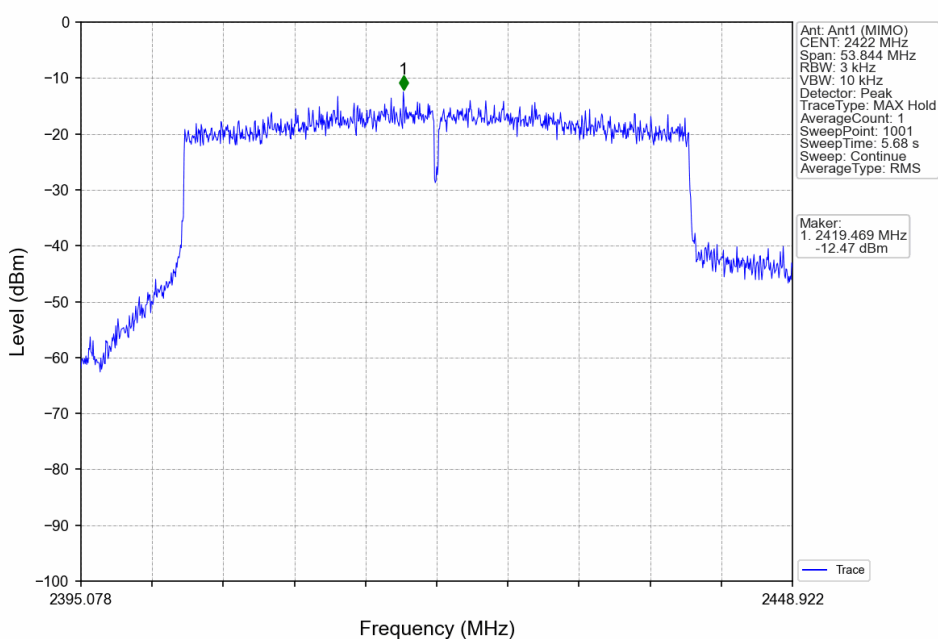
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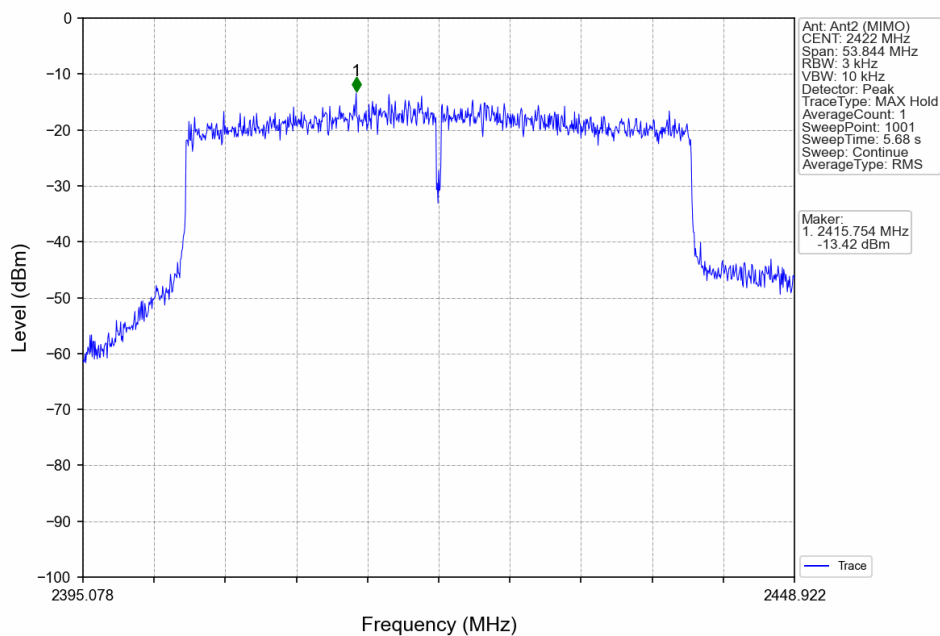
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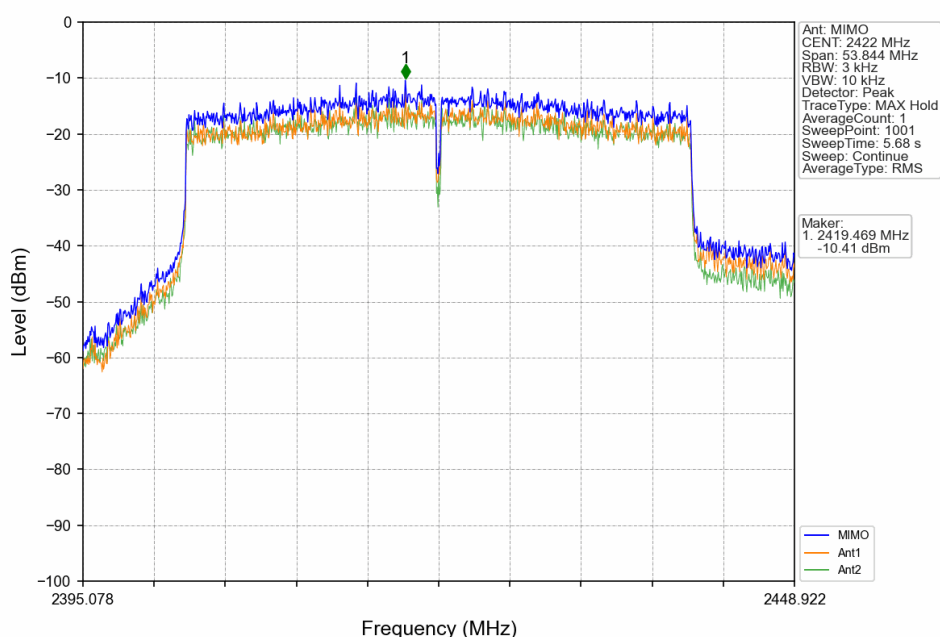
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802.11ax(HEW40)_LCH_2422MHz_RU484_Left_Ant2 (MIMO)_NTNV



802.11ax(HEW40)_LCH_2422MHz_RU484_Left_MIMO_NTNV



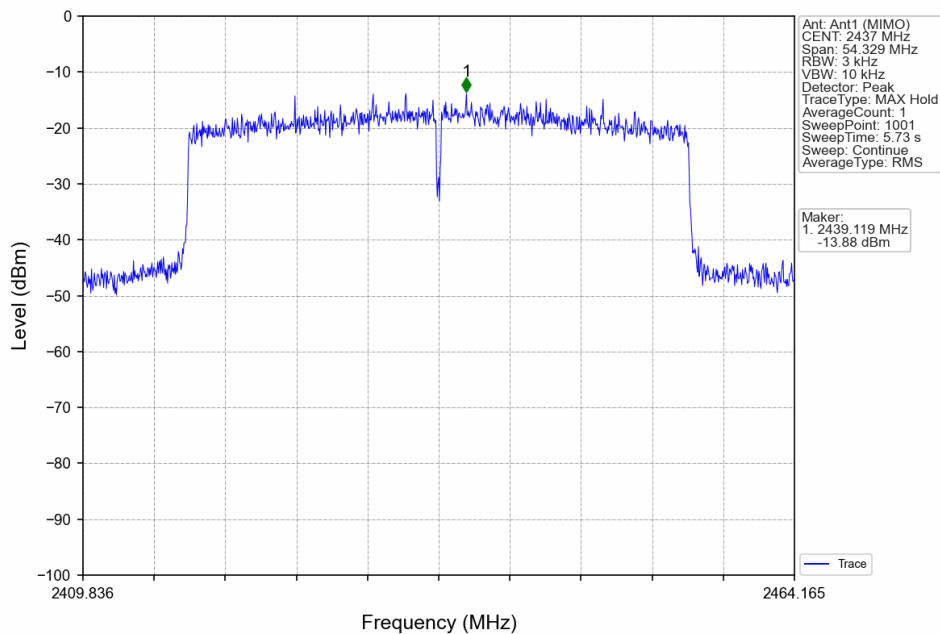
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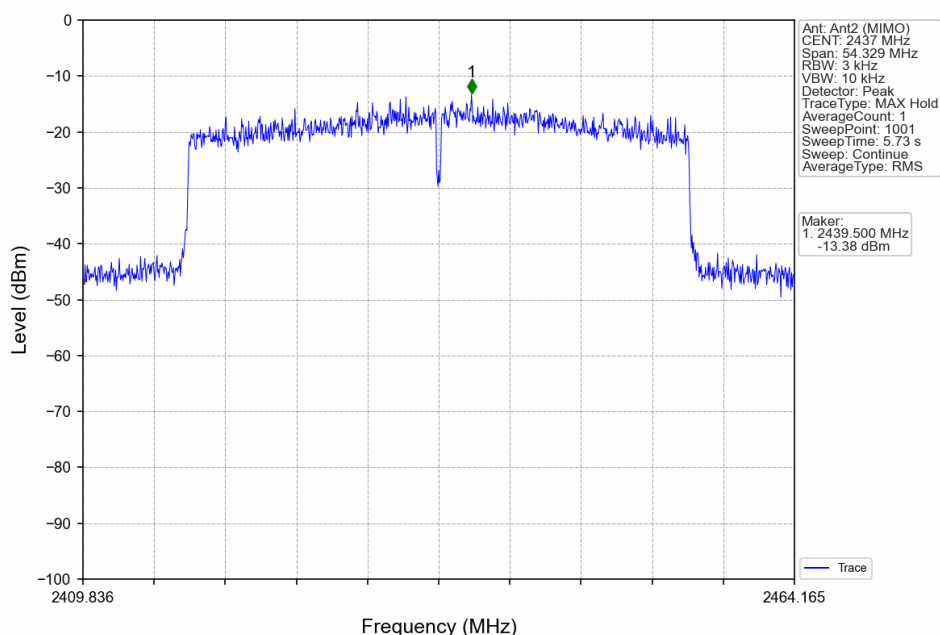
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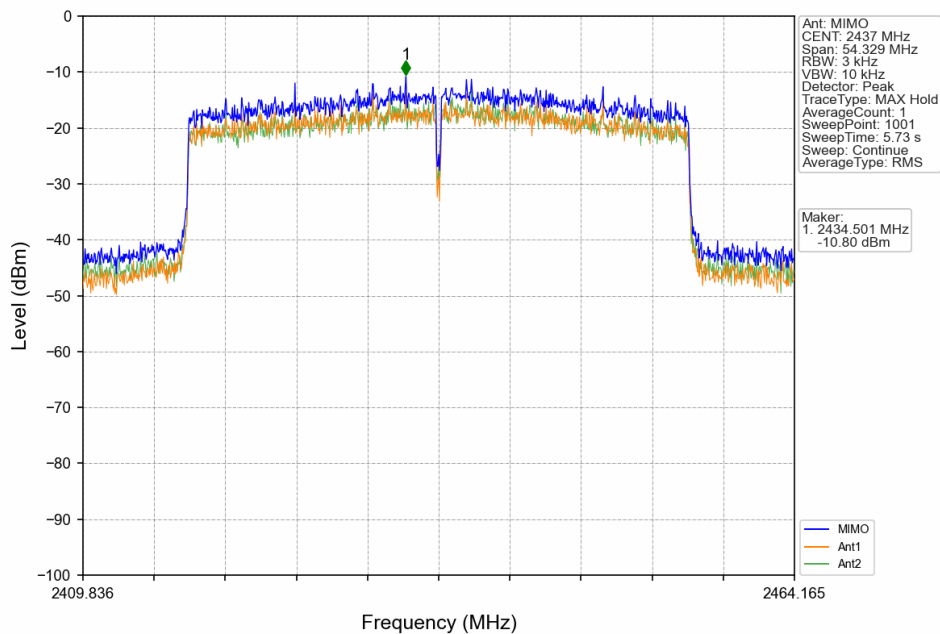
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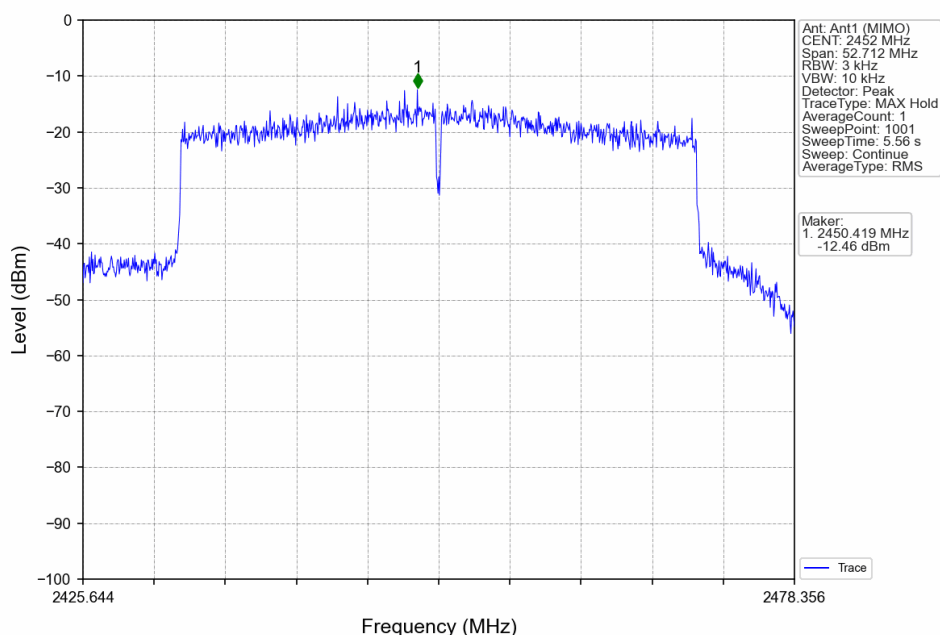
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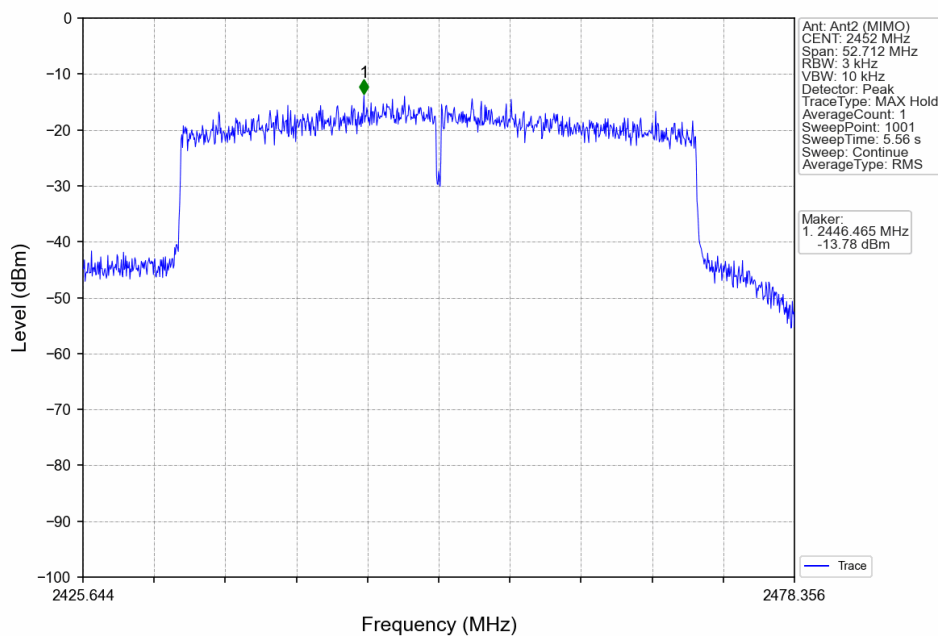
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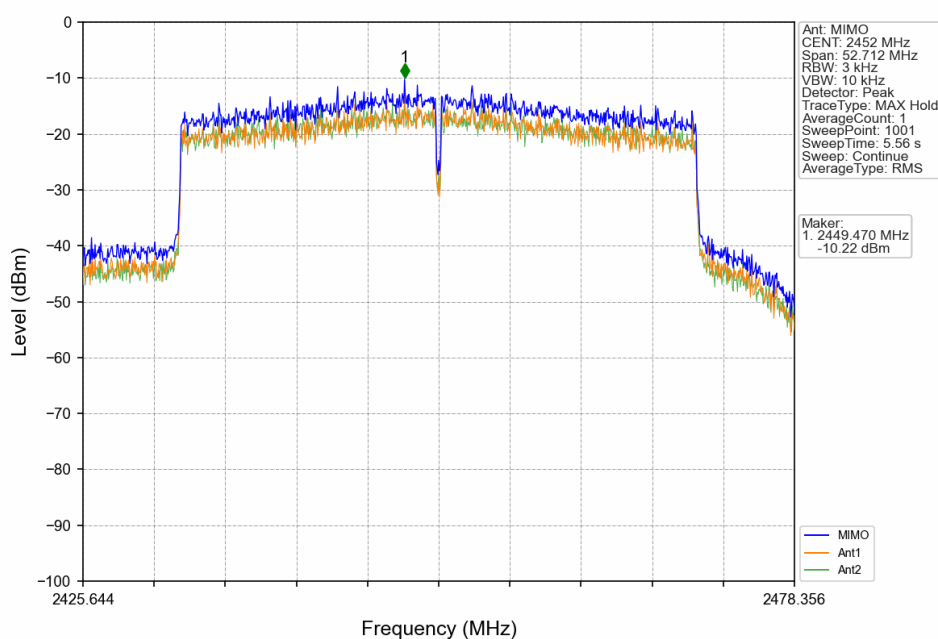
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5. Unwanted Emissions In Non-restricted Frequency Bands

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	10.28
					2	9.16
		2437	/	/	1	9.80
					2	9.66
		2462	/	/	1	10.15
					2	10.43
802.11g	SISO	2412	/	/	1	5.91
					2	5.27
		2437	/	/	1	5.11
					2	5.35
		2462	/	/	1	5.79
					2	6.24
802.11n (HT20)	MIMO	2412	/	/	1	4.71
					2	3.61
		2437	/	/	1	3.28
					2	4.19
		2462	/	/	1	4.38
					2	4.90
802.11n (HT40)	MIMO	2422	/	/	1	1.82
					2	1.15
		2437	/	/	1	1.84
					2	1.95
		2452	/	/	1	2.32
					2	2.19
802.11ax (HEW20)	MIMO	2412	RU242	Left	1	5.65
					2	4.96
		2437	RU242	Left	1	4.82
					2	5.26
		2462	RU242	Left	1	5.28
					2	5.83
802.11ax (HEW40)	MIMO	2422	RU484	Left	1	3.02
					2	2.21





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SZEMC-TRF-01 Rev. A/0 Aug01,2022

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		2437	RU484	Left	1	1.69
					2	2.28
		2452	RU484	Left	1	2.43
					2	2.28



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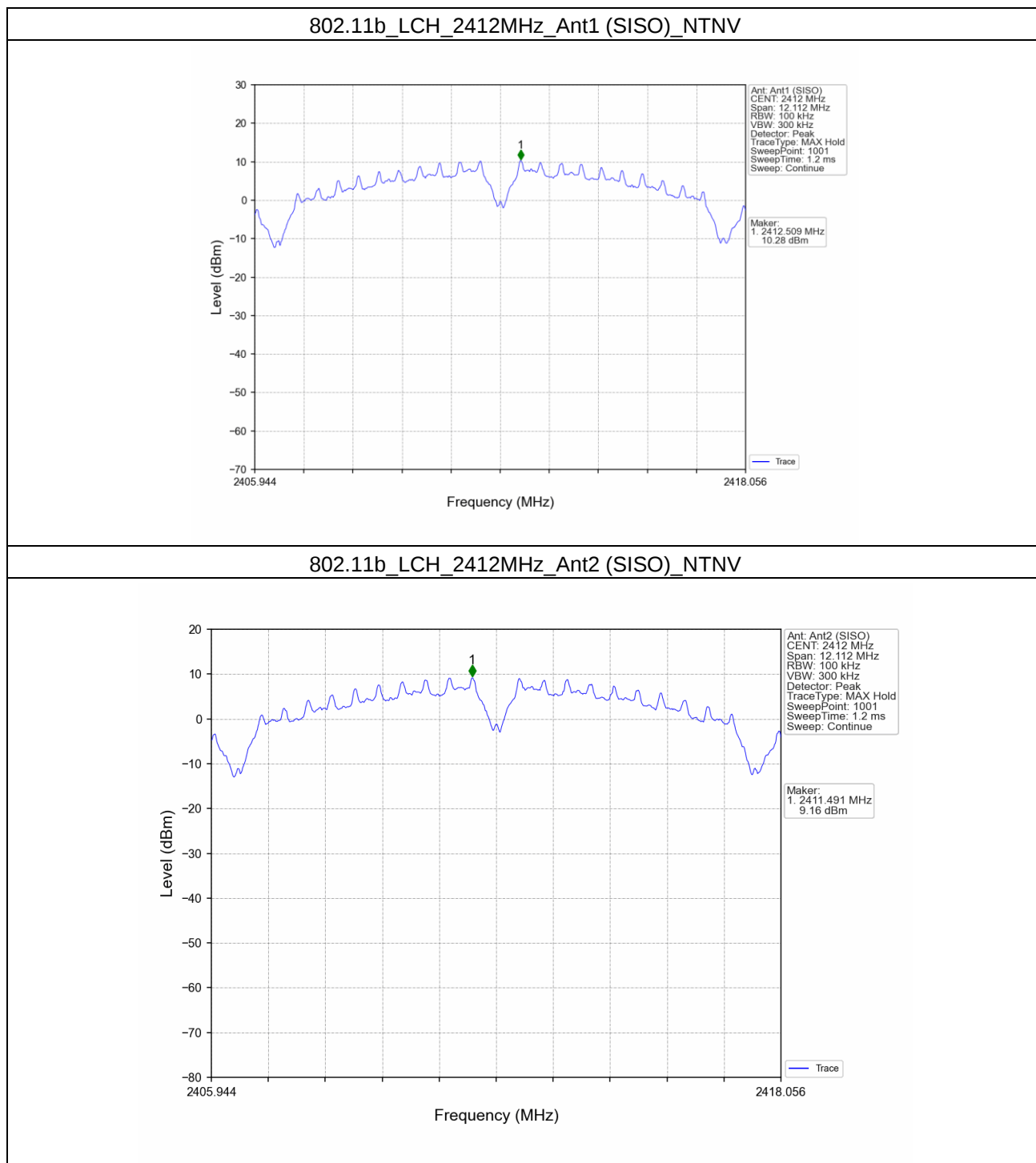
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5.1.2 Test Graph



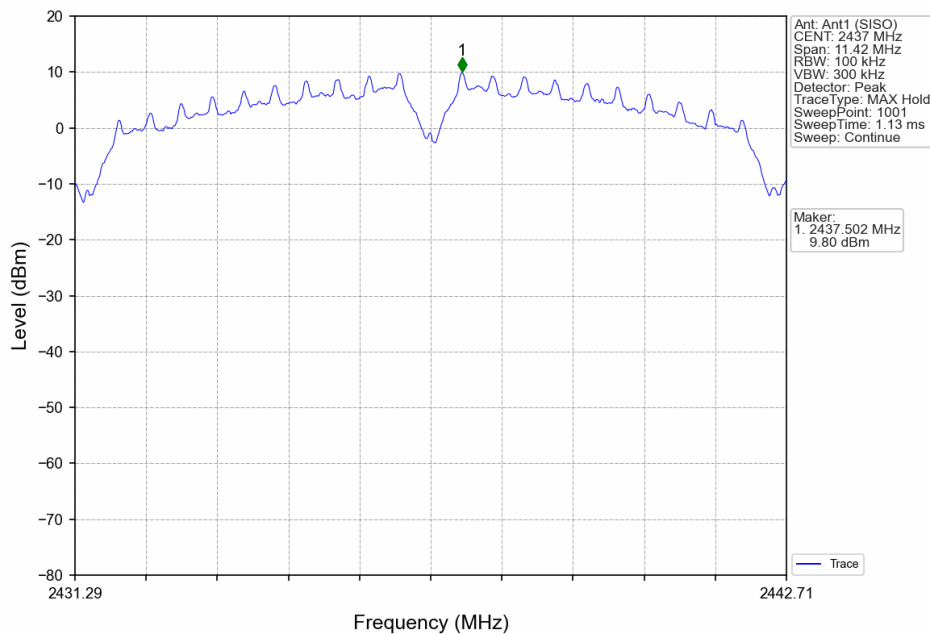
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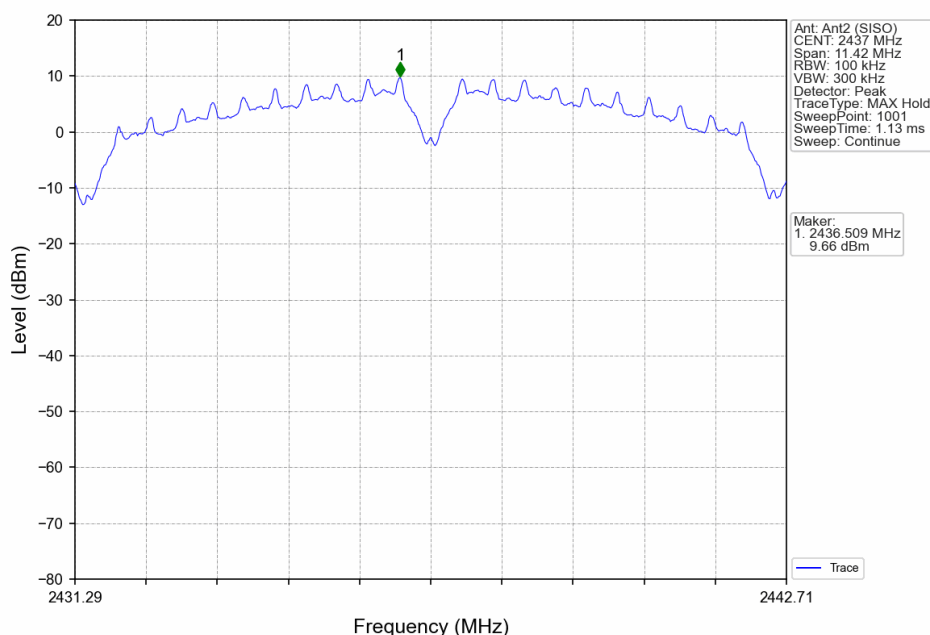
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802.11b_MCH_2437MHz_Ant1 (SISO)_NTNV



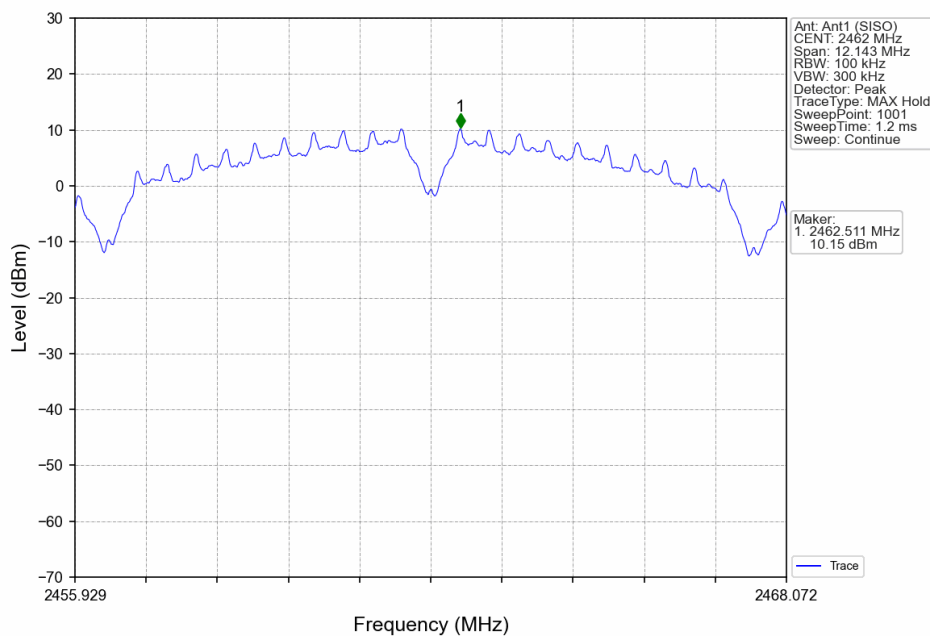
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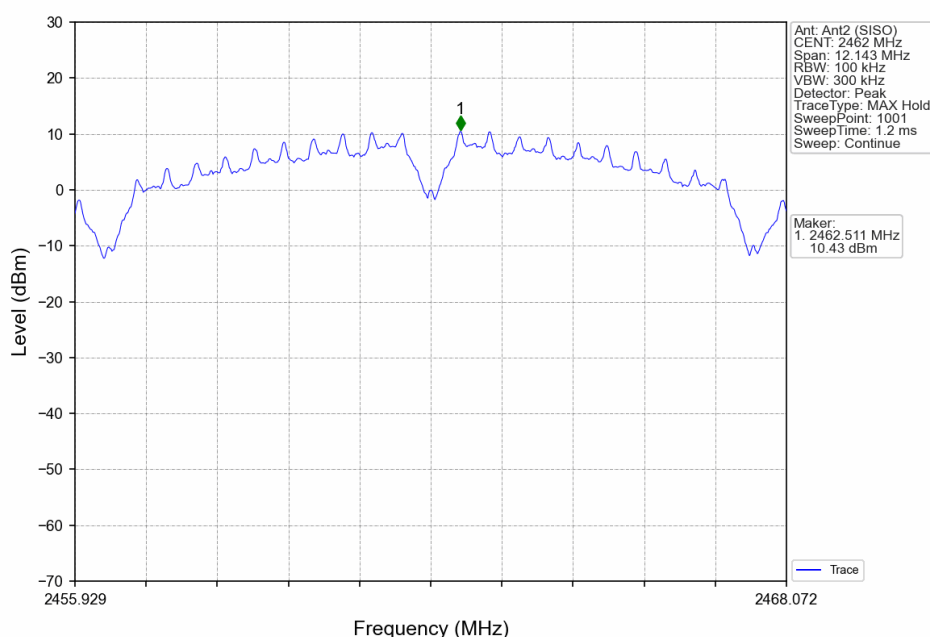
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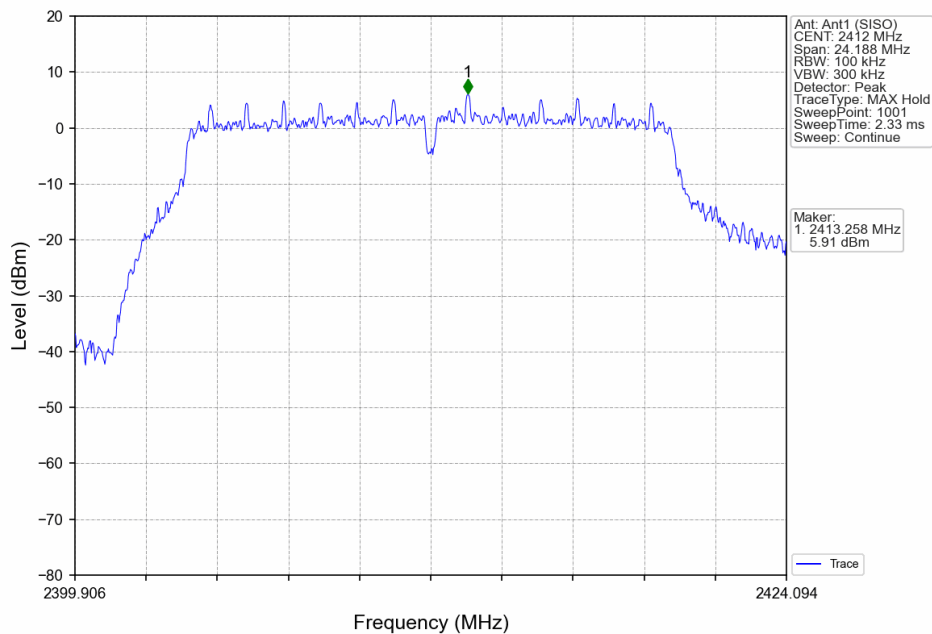
802.11b_HCH_2462MHz_Ant1 (SISO)_NTNV



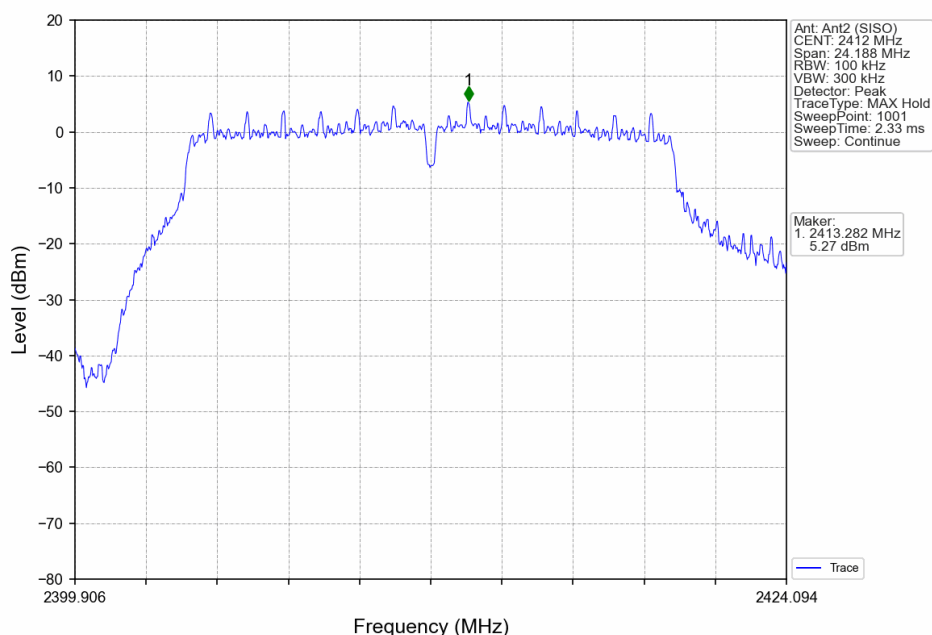
802.11b_HCH_2462MHz_Ant2 (SISO)_NTNV



802.11g_LCH_2412MHz_Ant1 (SISO)_NTNV



802.11g_LCH_2412MHz_Ant2 (SISO)_NTNV

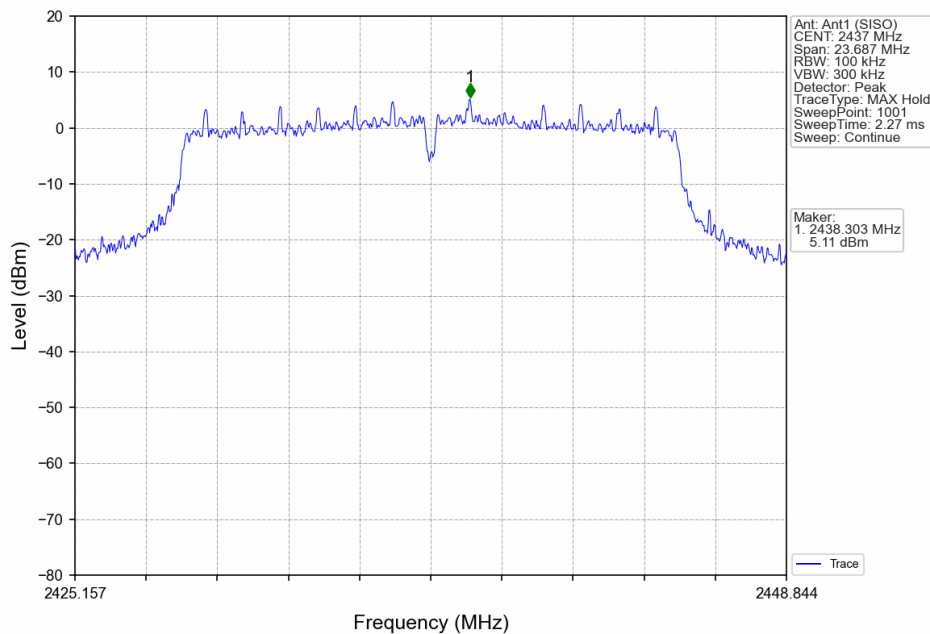


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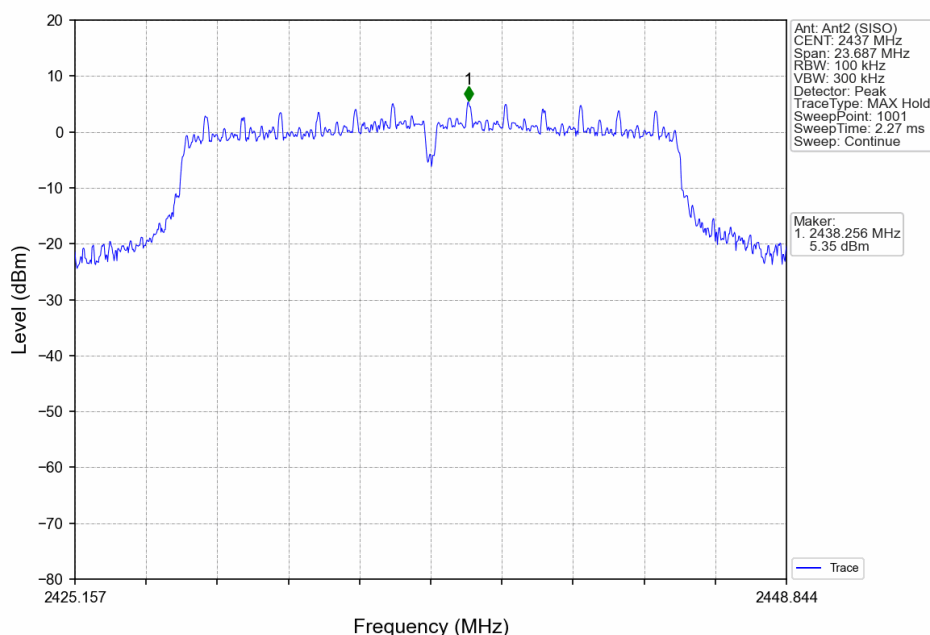
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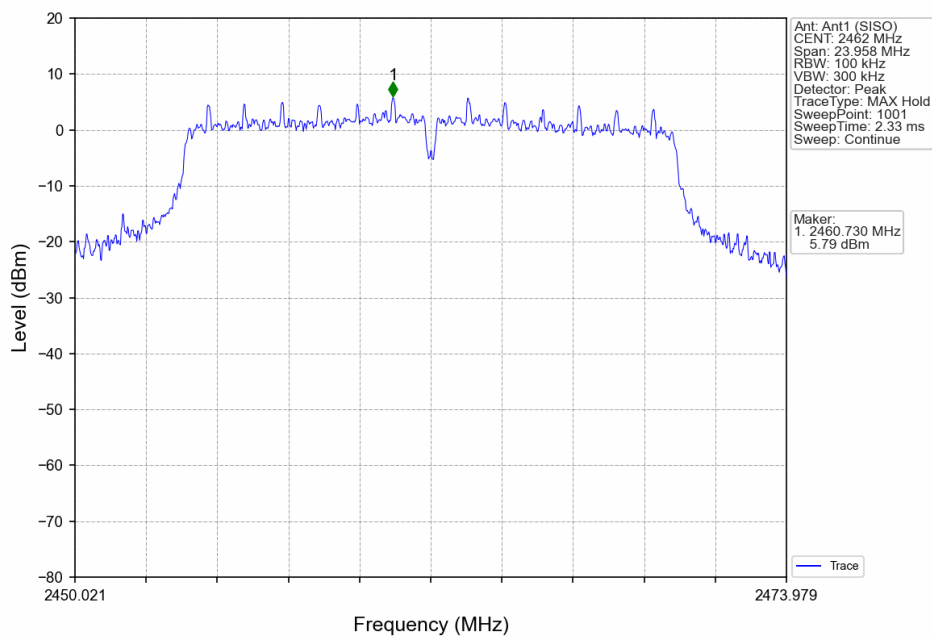
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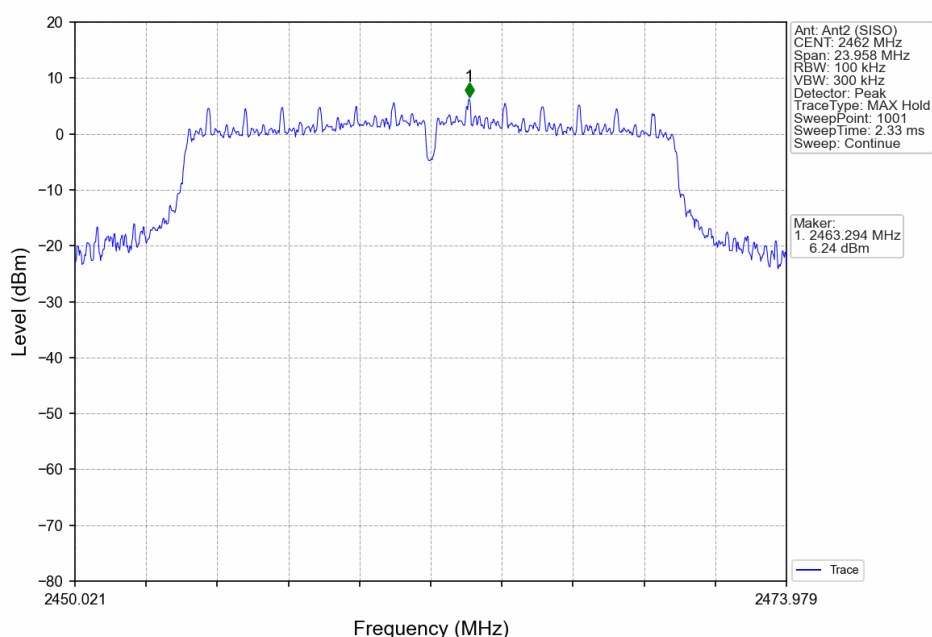
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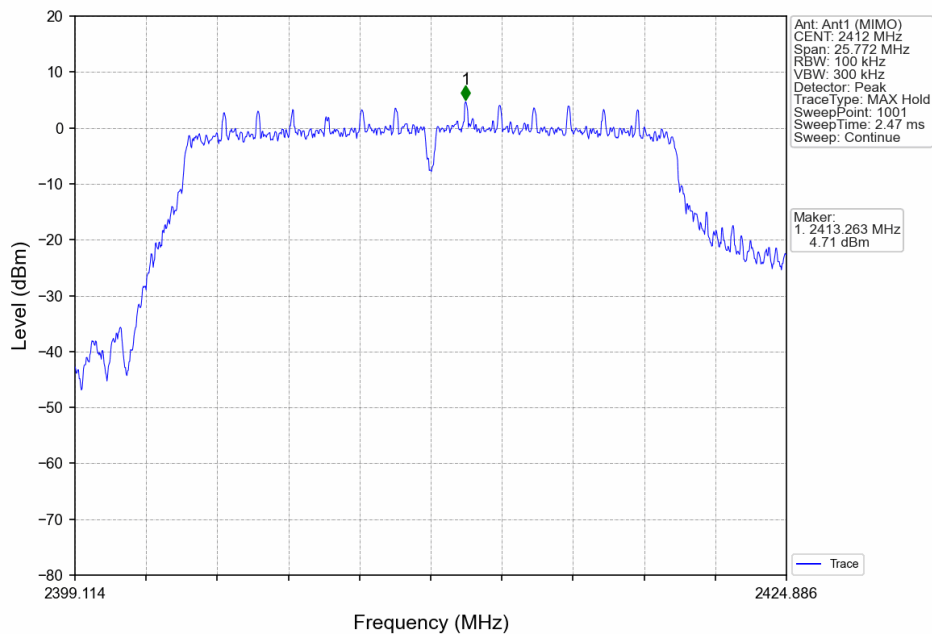
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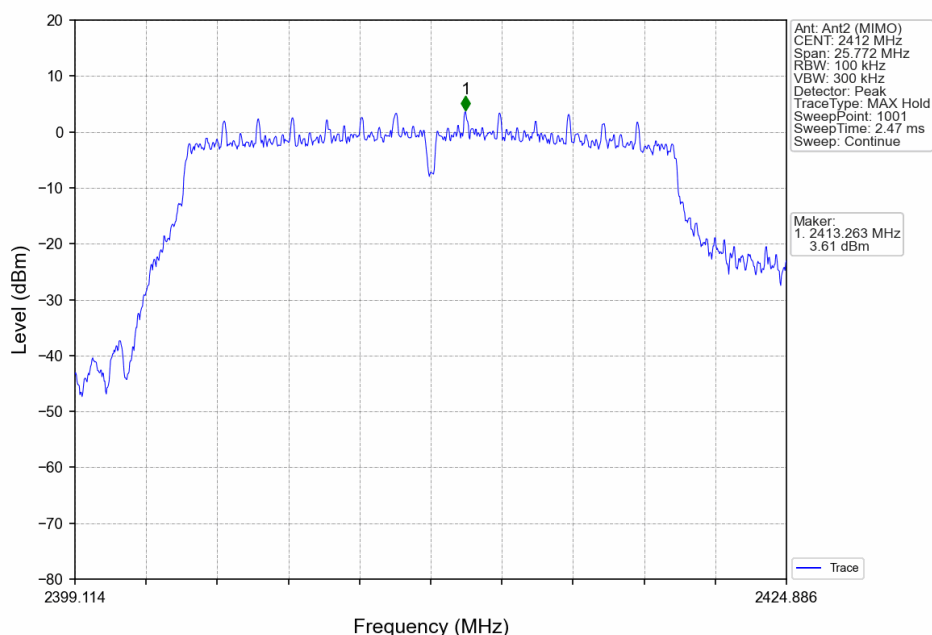
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802.11n(HT20)_LCH_2412MHz_Ant1 (MIMO)_NTNV



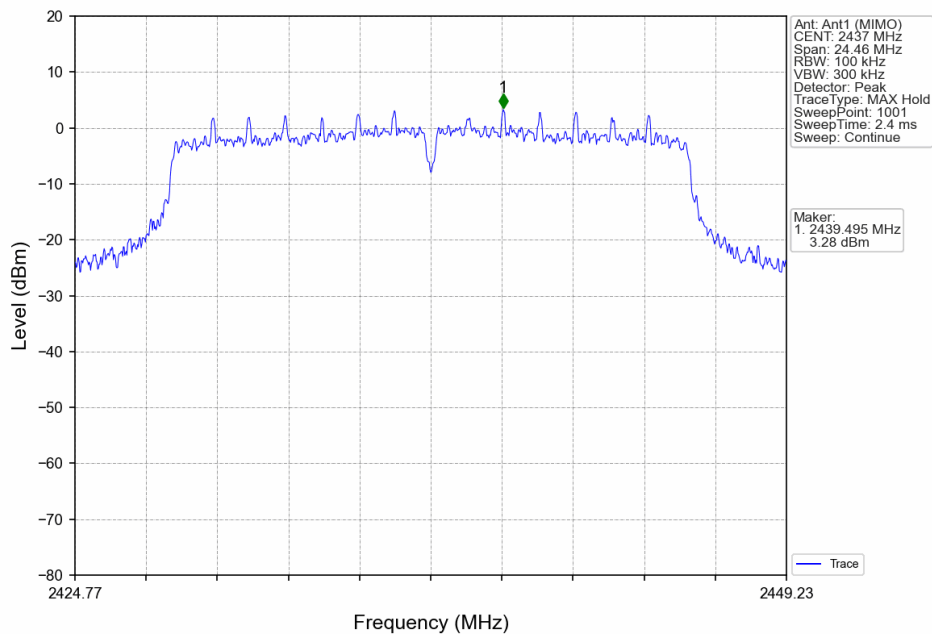
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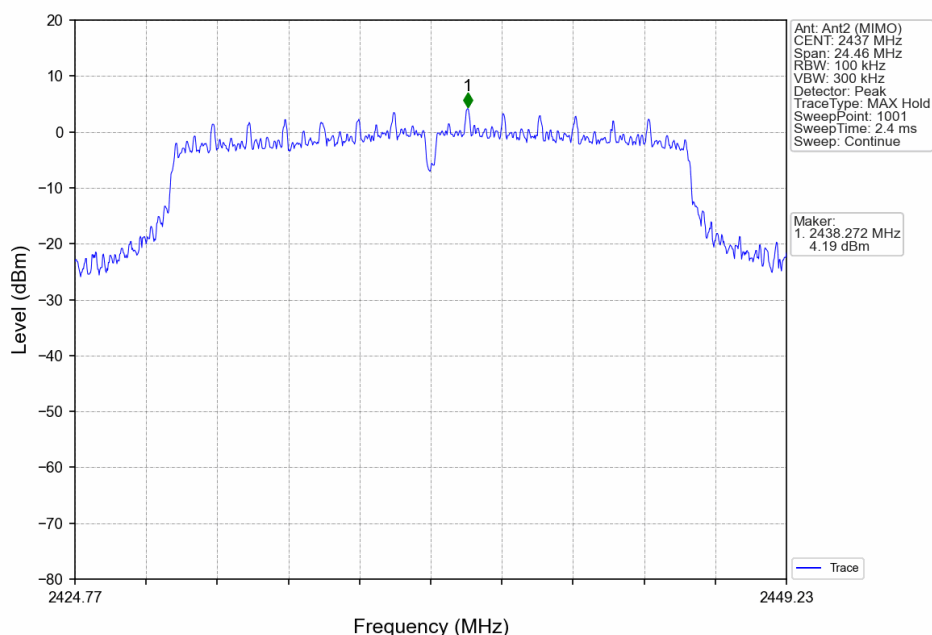
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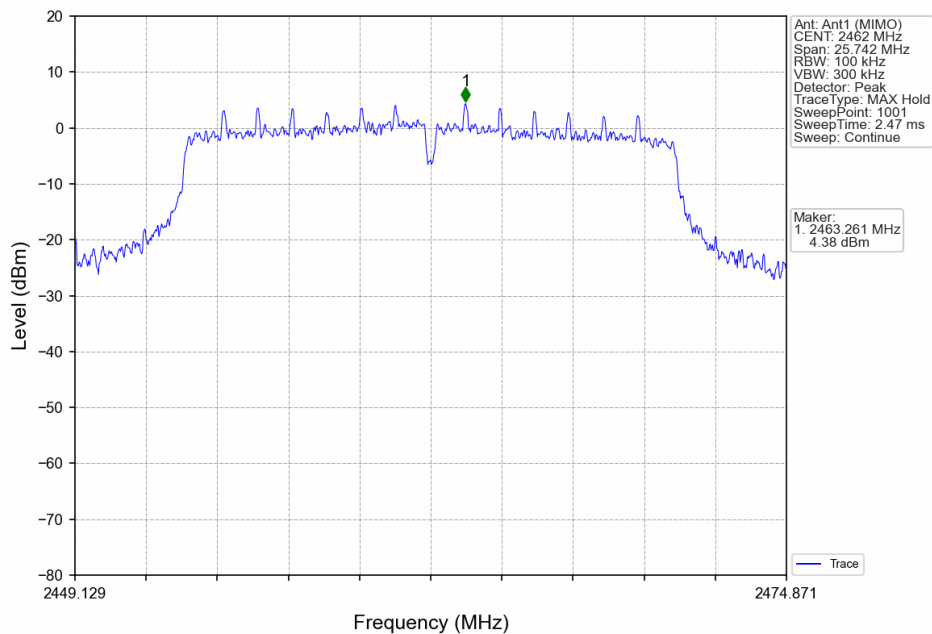
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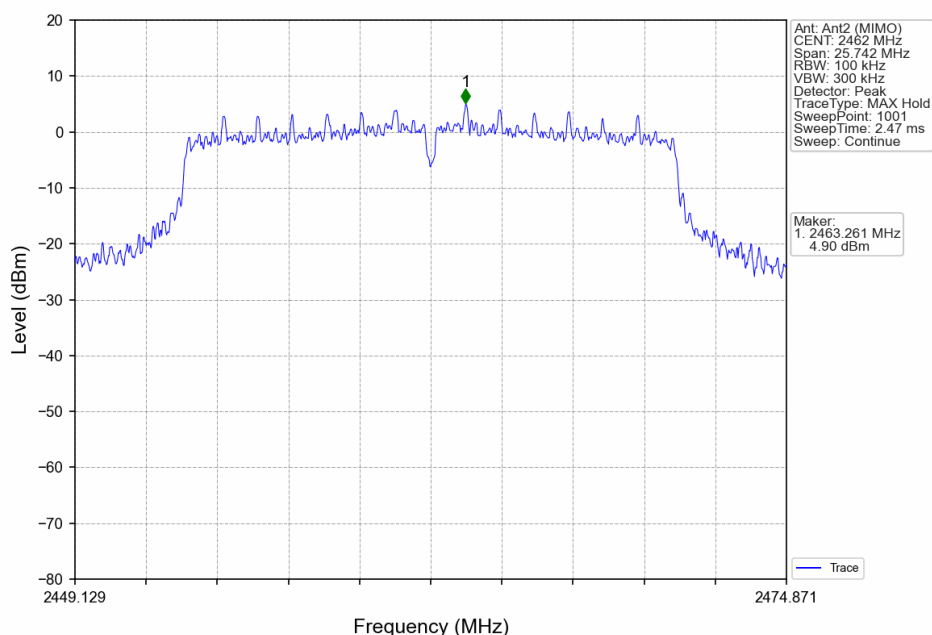
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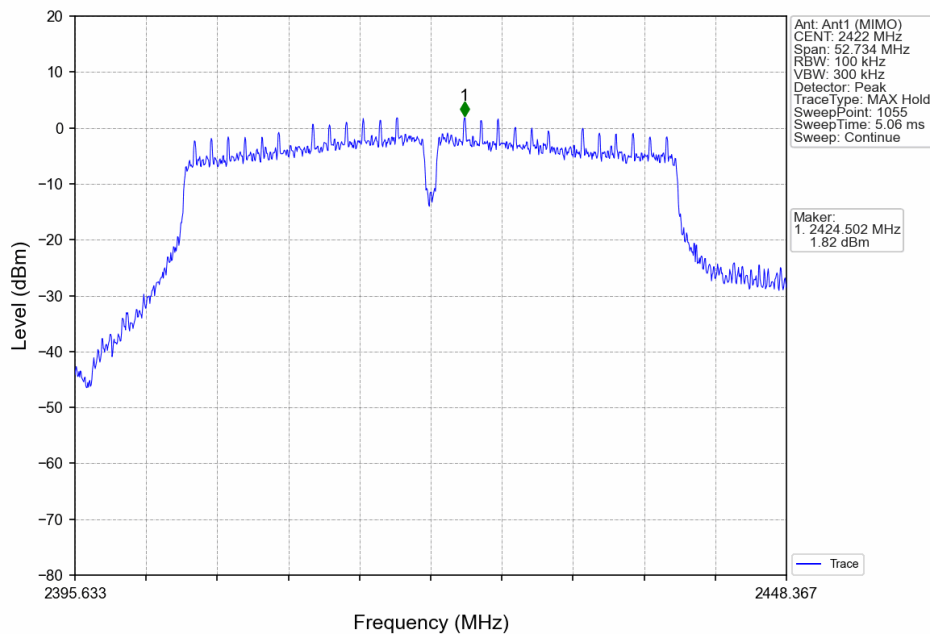
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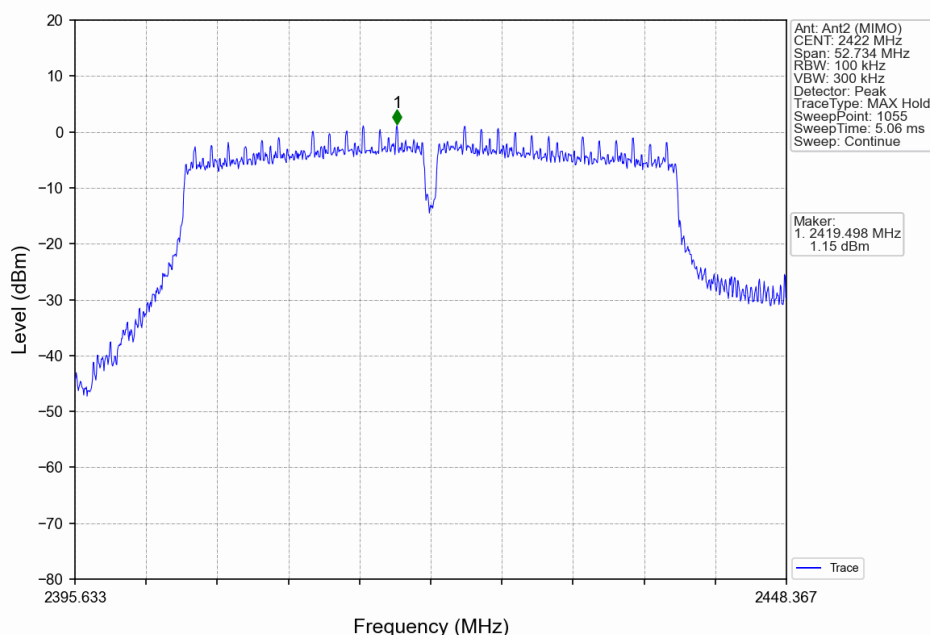
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802.11n(HT40)_LCH_2422MHz_Ant1 (MIMO)_NTNV



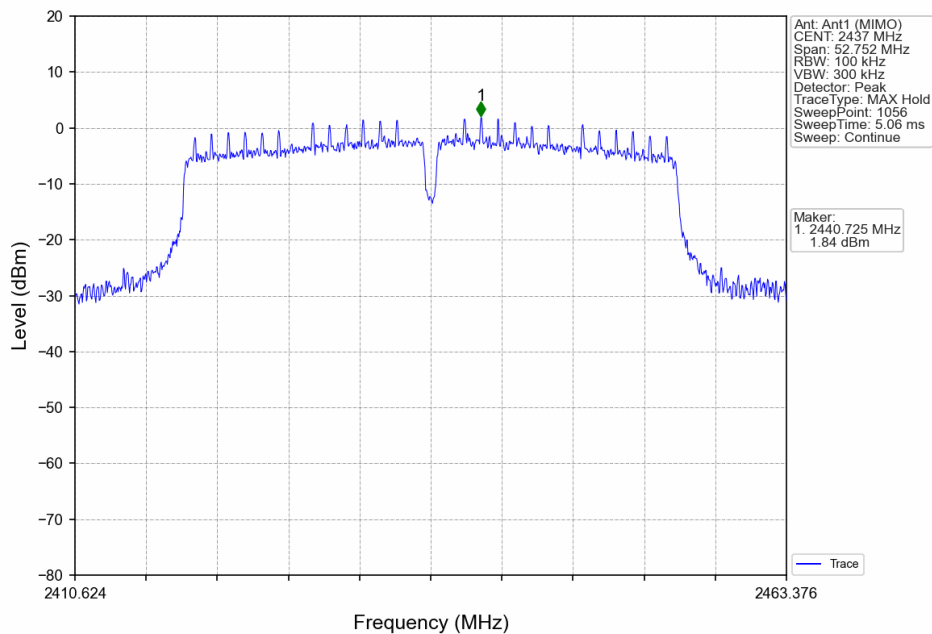
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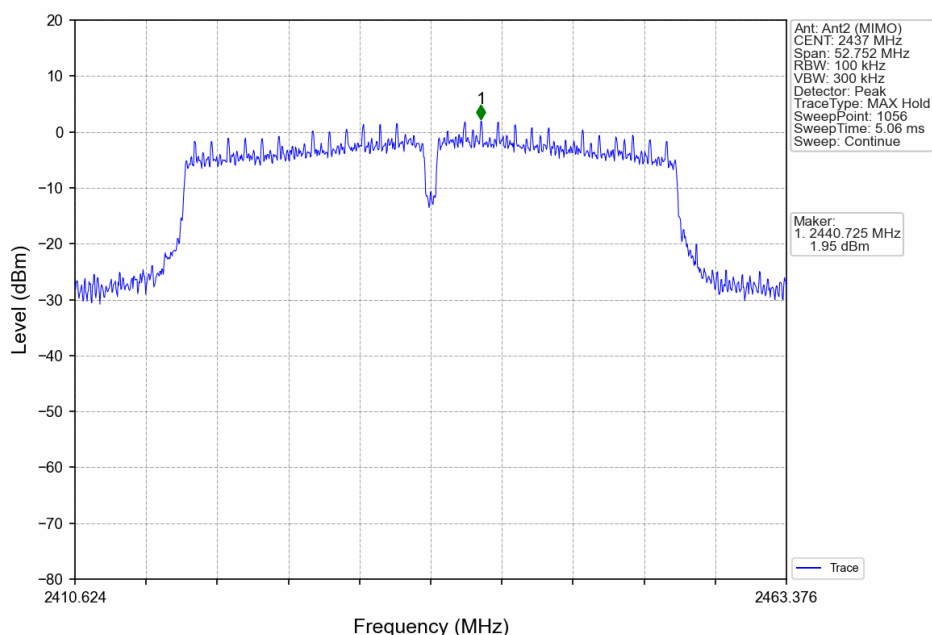
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802.11n(HT40)_MCH_2437MHz_Ant1 (MIMO)_NTNV



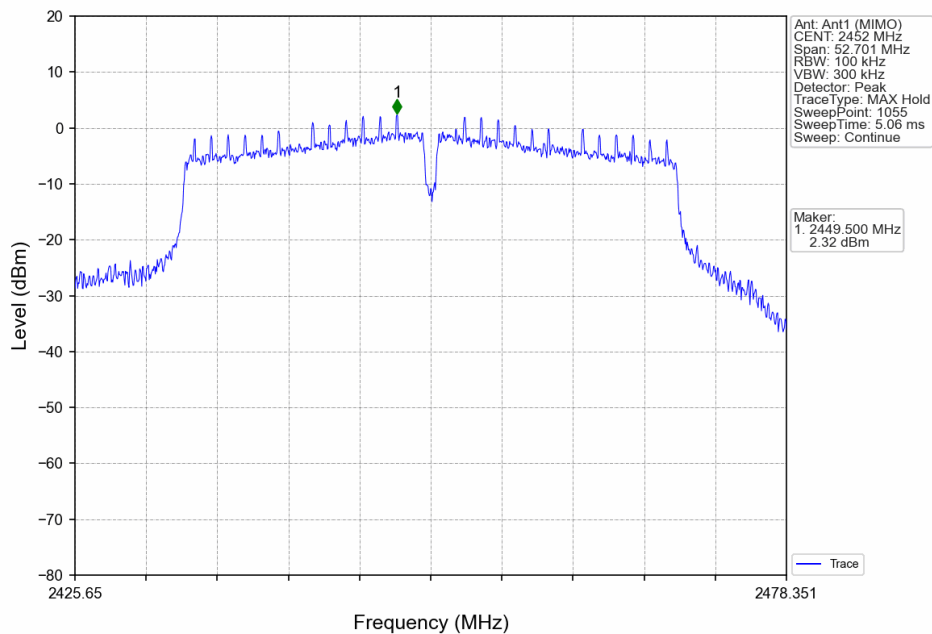
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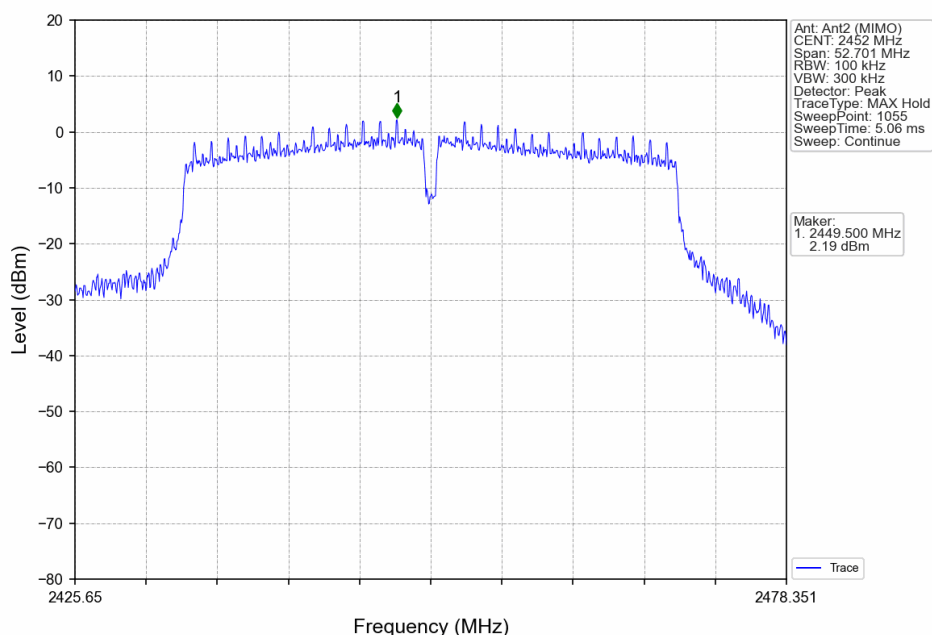
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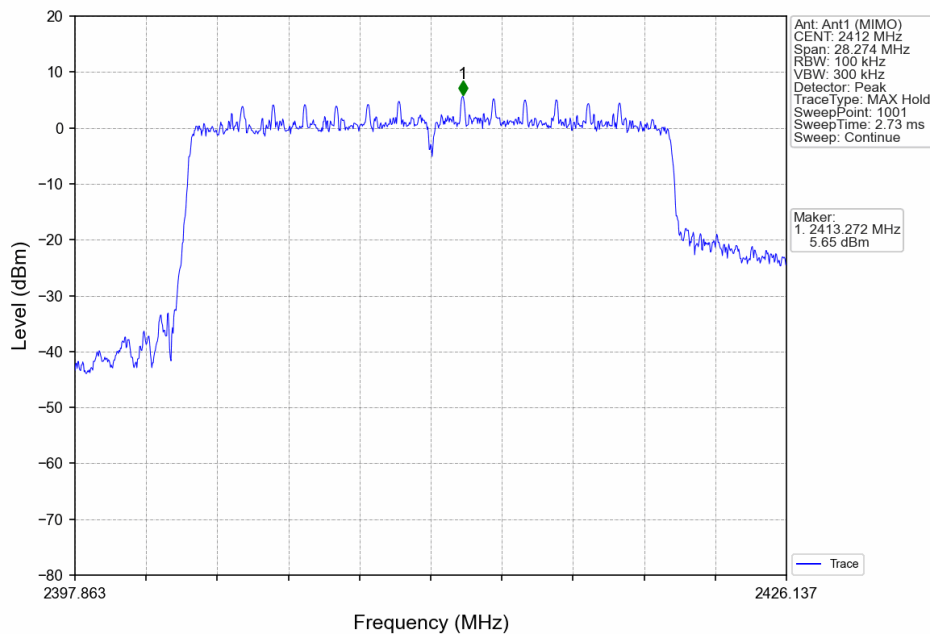
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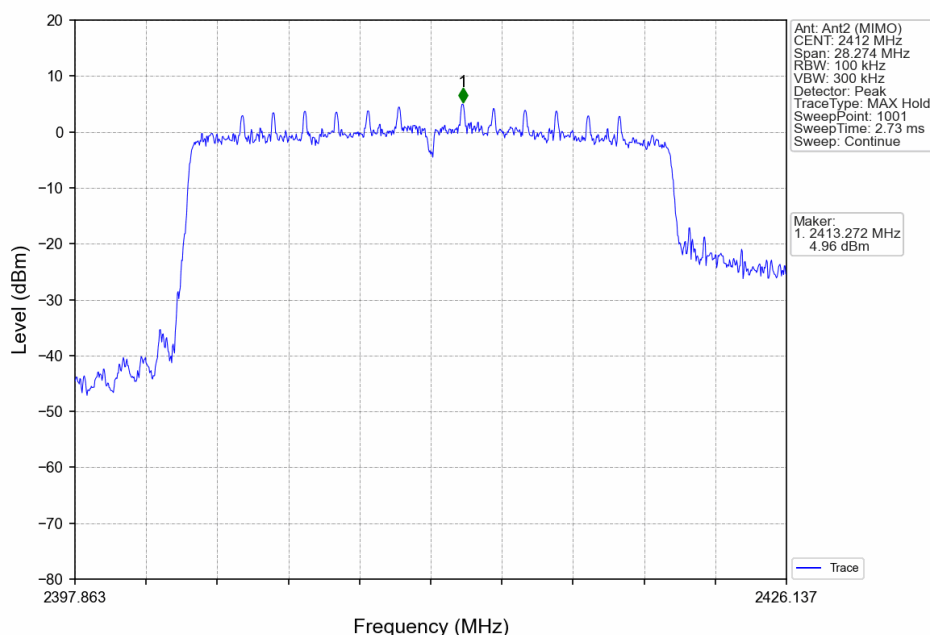
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802.11ax(HEW20)_LCH_2412MHz_RU242_Left_Ant1 (MIMO)_NTNV



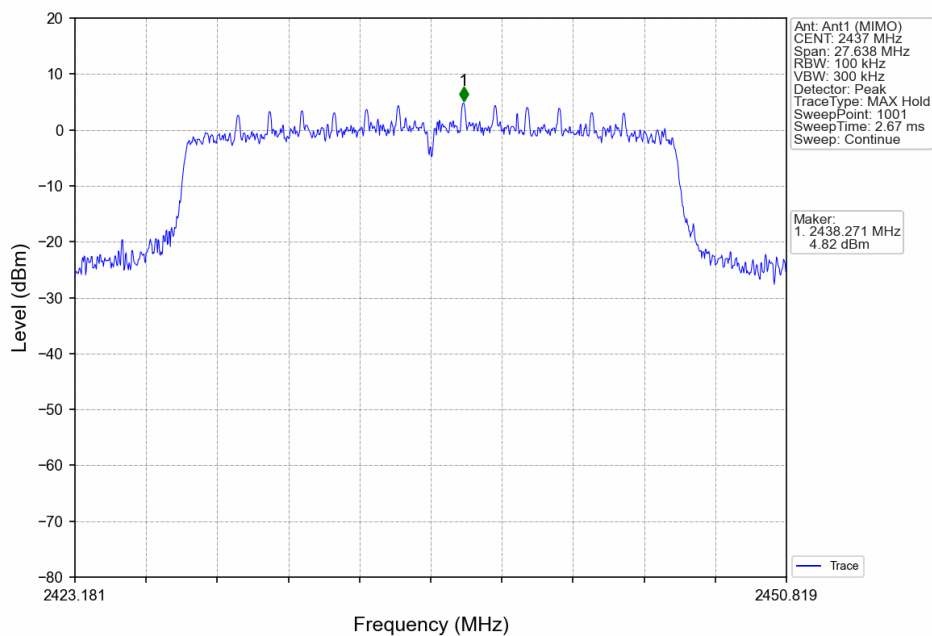
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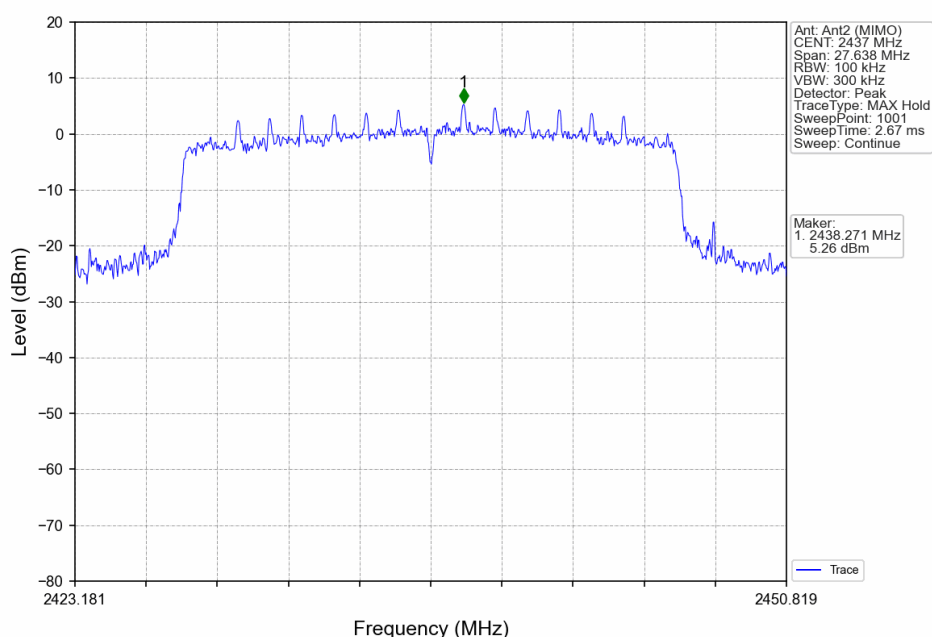
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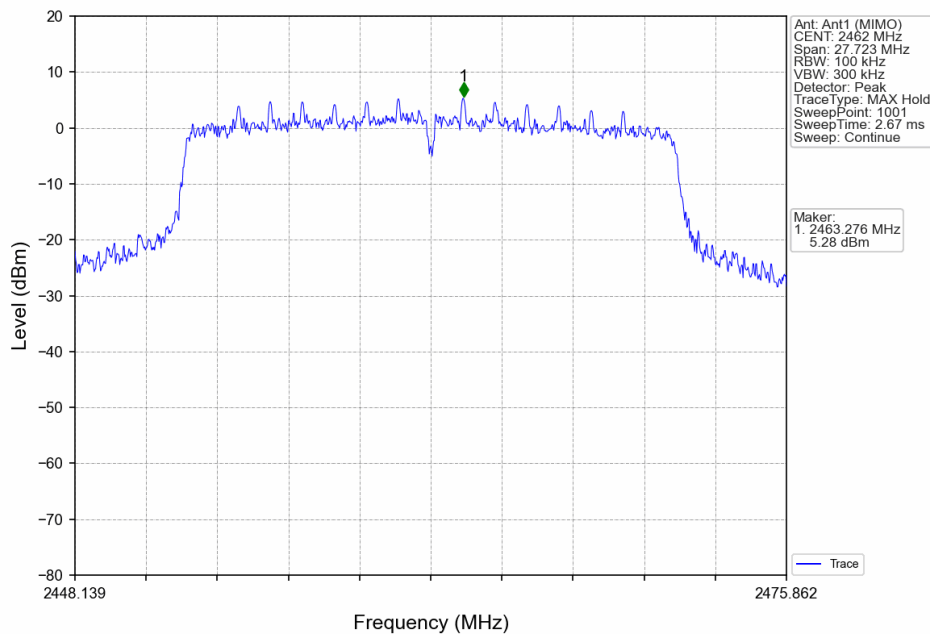
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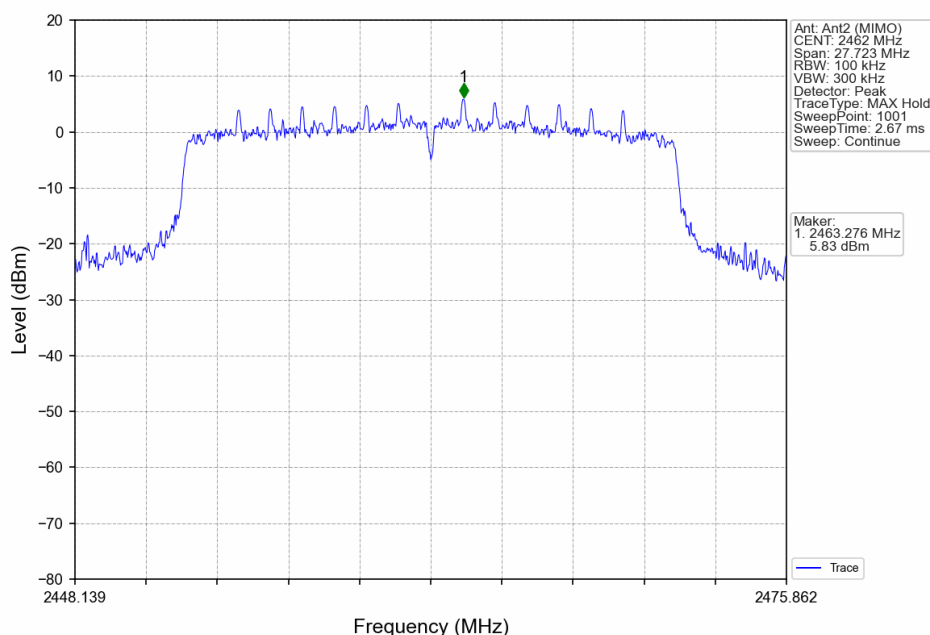
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802.11ax(HEW20)_HCH_2462MHz_RU242_Left_Ant1 (MIMO)_NTNV



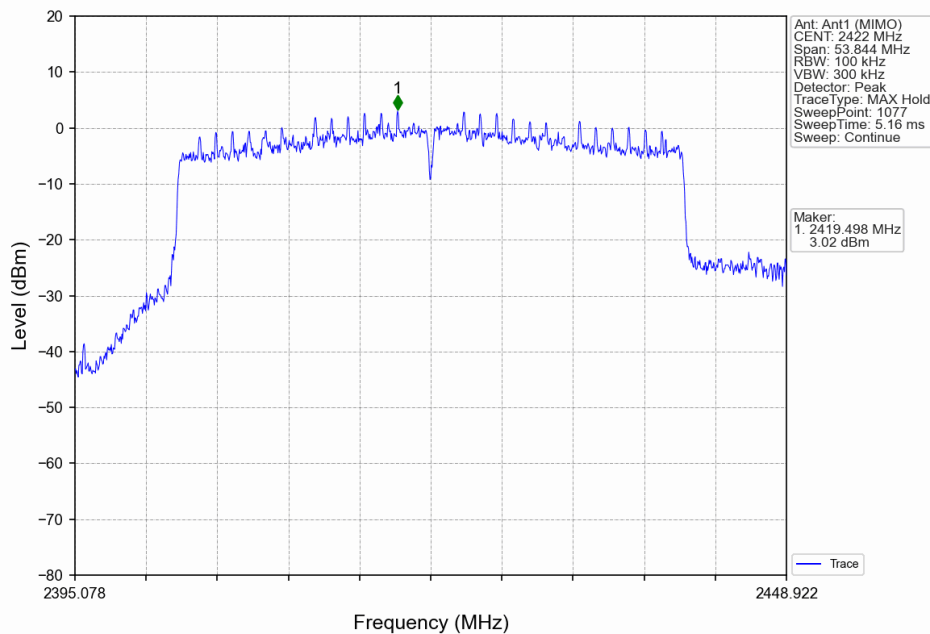
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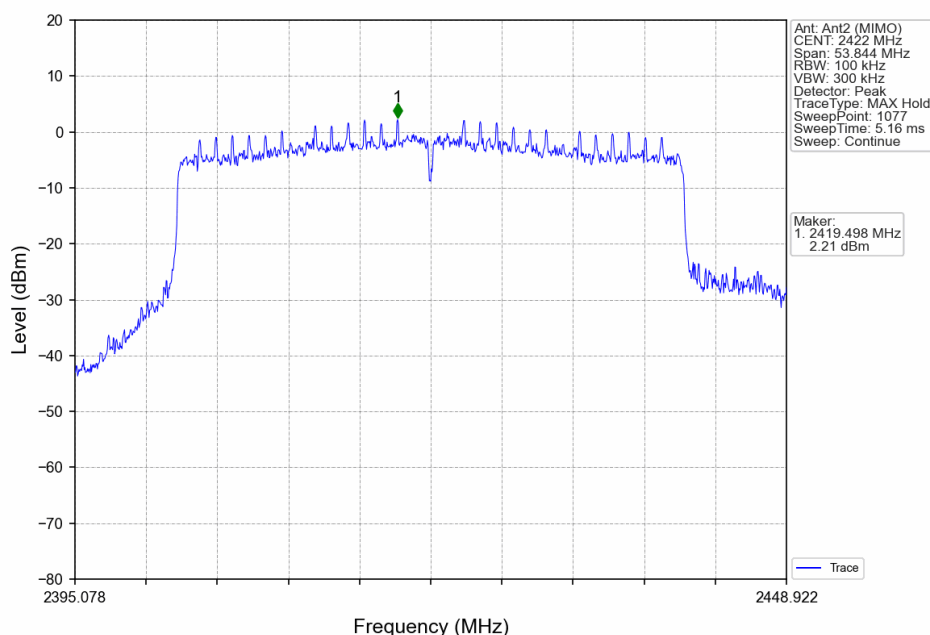
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802.11ax(HEW40)_LCH_2422MHz_RU484_Left_Ant1 (MIMO)_NTNV



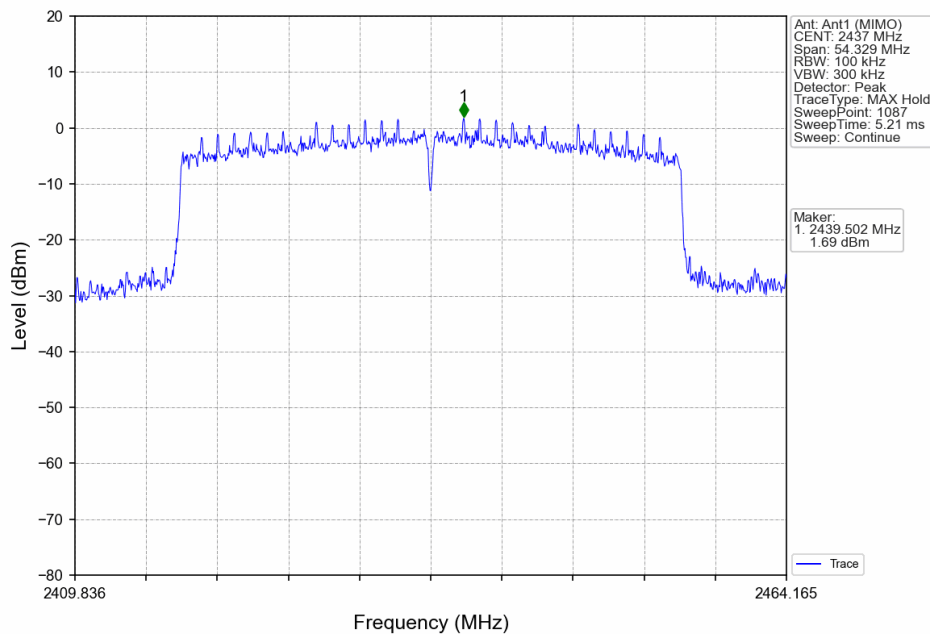
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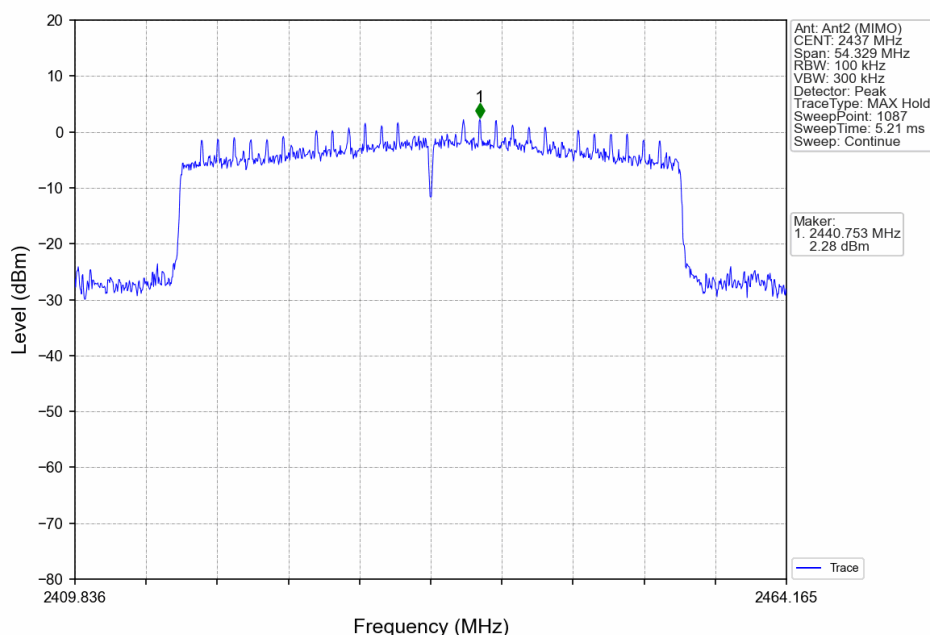
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802.11ax(HEW40)_MCH_2437MHz_RU484_Left_Ant1 (MIMO)_NTNV



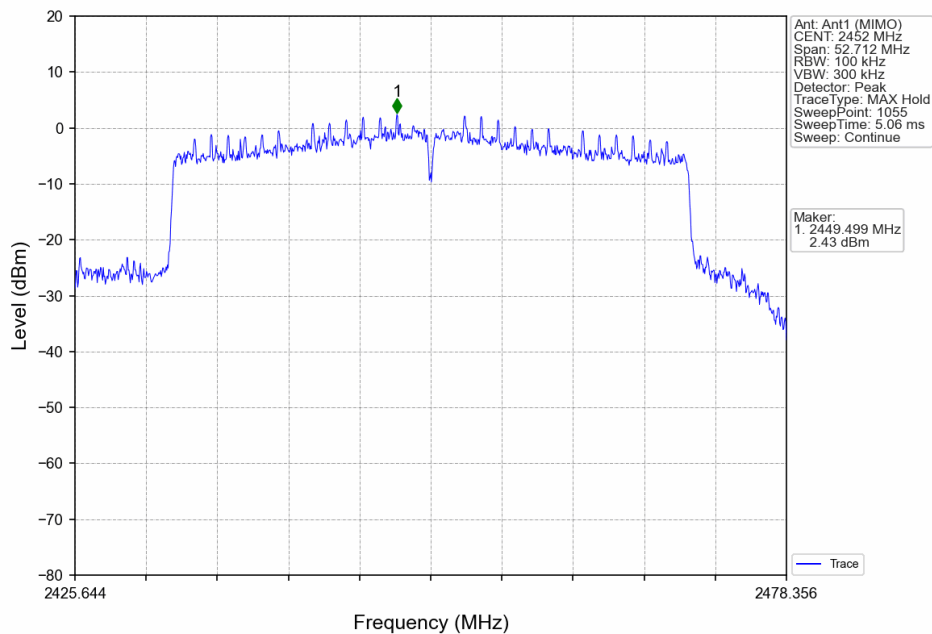
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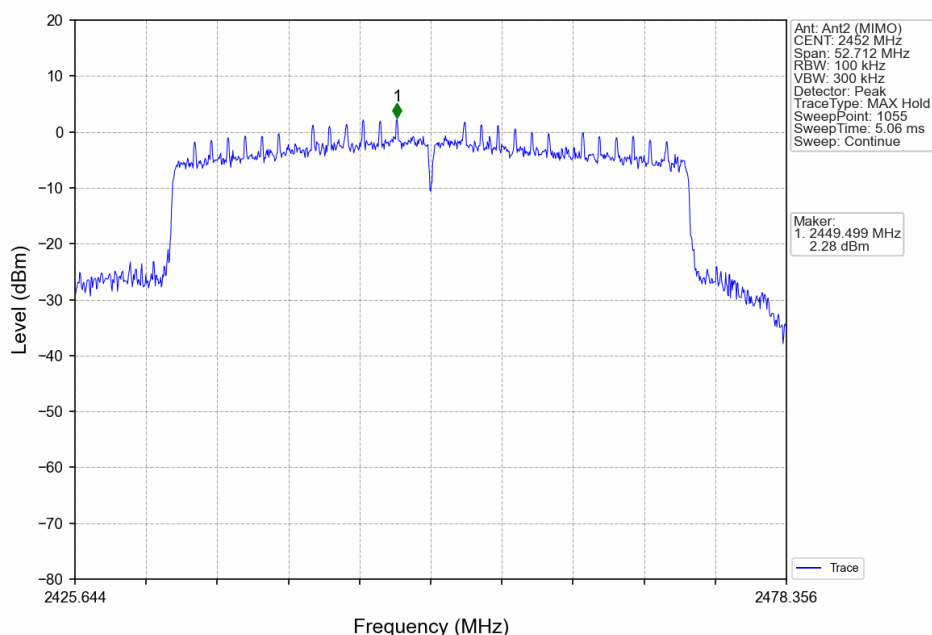
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802.11ax(HEW40)_HCH_2452MHz_RU484_Left_Ant1 (MIMO)_NTNV



802.11ax(HEW40)_HCH_2452MHz_RU484_Left_Ant2 (MIMO)_NTNV



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SZEMC-TRF-01 Rev. A/0 Aug01,2022

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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	10.28	-19.72	Pass
					2	10.43	-19.57	Pass
		2437	/	/	1	10.28	-19.72	Pass
					2	10.43	-19.57	Pass
		2462	/	/	1	10.28	-19.72	Pass
					2	10.43	-19.57	Pass
802.11g	SISO	2412	/	/	1	5.91	-24.09	Pass
					2	6.24	-23.76	Pass
		2437	/	/	1	5.91	-24.09	Pass
					2	6.24	-23.76	Pass
		2462	/	/	1	5.91	-24.09	Pass
					2	6.24	-23.76	Pass
802.11n (HT20)	MIMO	2412	/	/	1	4.71	-25.29	Pass
					2	4.90	-25.10	Pass
		2437	/	/	1	4.71	-25.29	Pass
					2	4.90	-25.10	Pass
		2462	/	/	1	4.71	-25.29	Pass
					2	4.90	-25.10	Pass
802.11n (HT40)	MIMO	2422	/	/	1	2.32	-27.68	Pass
					2	2.19	-27.81	Pass
		2437	/	/	1	2.32	-27.68	Pass
					2	2.19	-27.81	Pass
		2452	/	/	1	2.32	-27.68	Pass
					2	2.19	-27.81	Pass
802.11ax (HEW20)	MIMO	2412	RU242	Left	1	5.65	-24.35	Pass
					2	5.83	-24.17	Pass
		2437	RU242	Left	1	5.65	-24.35	Pass
					2	5.83	-24.17	Pass
		2462	RU242	Left	1	5.65	-24.35	Pass
					2	5.83	-24.17	Pass
802.11ax (HEW40)	MIMO	2422	RU484	Left	1	3.02	-26.98	Pass
					2	2.28	-27.72	Pass
		2437	RU484	Left	1	3.02	-26.98	Pass



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					2	2.28	-27.72	Pass
		2452	RU484	Left	1	3.02	-26.98	Pass
					2	2.28	-27.72	Pass



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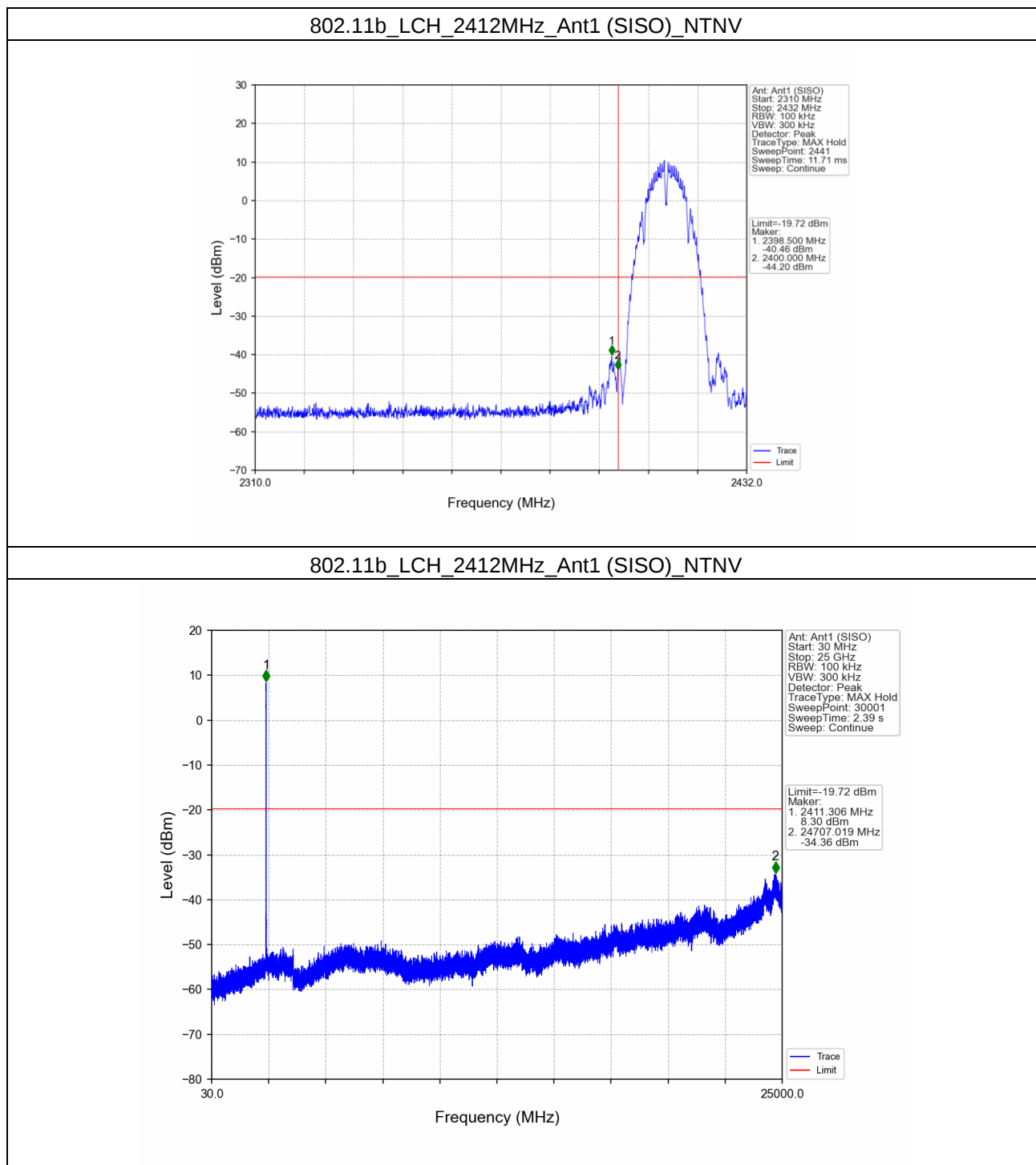
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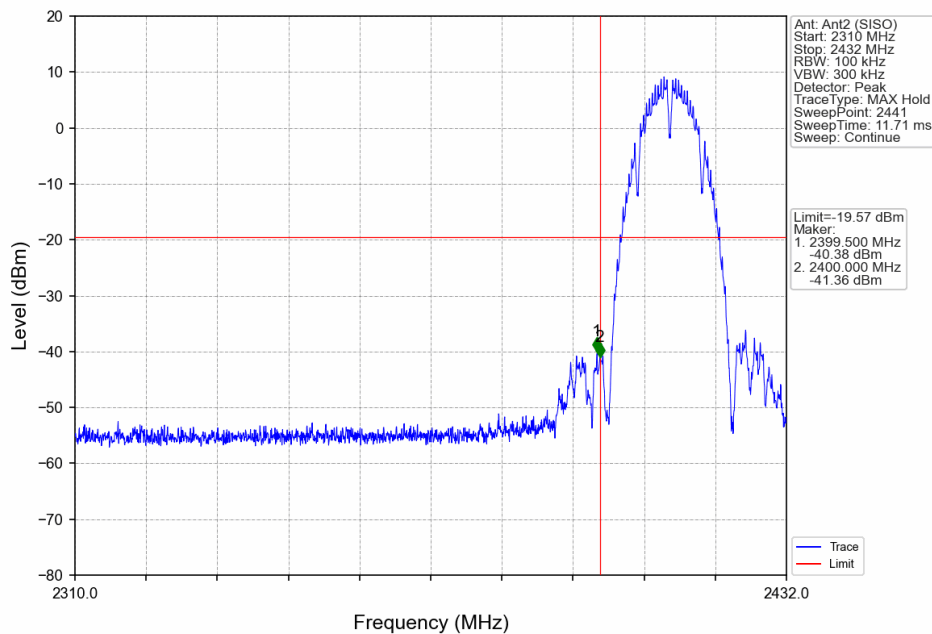
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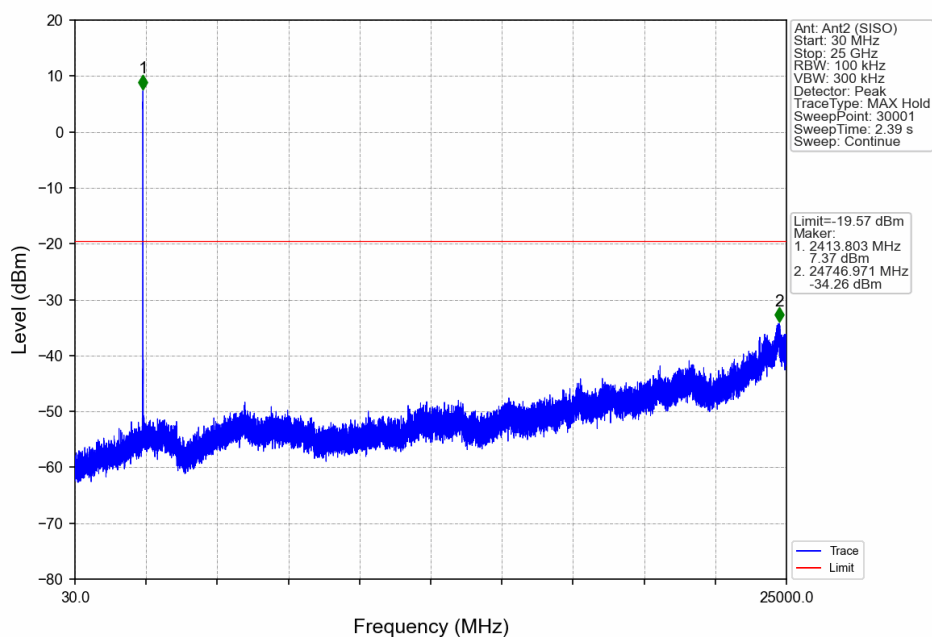
5.2.2 Test Graph



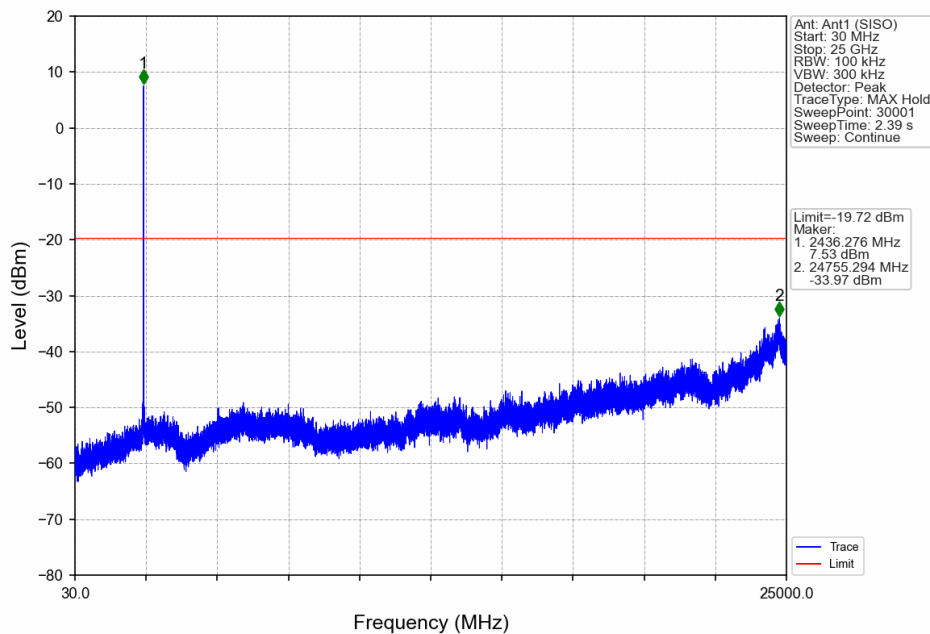
802.11b_LCH_2412MHz_Ant2 (SISO)_NTNV



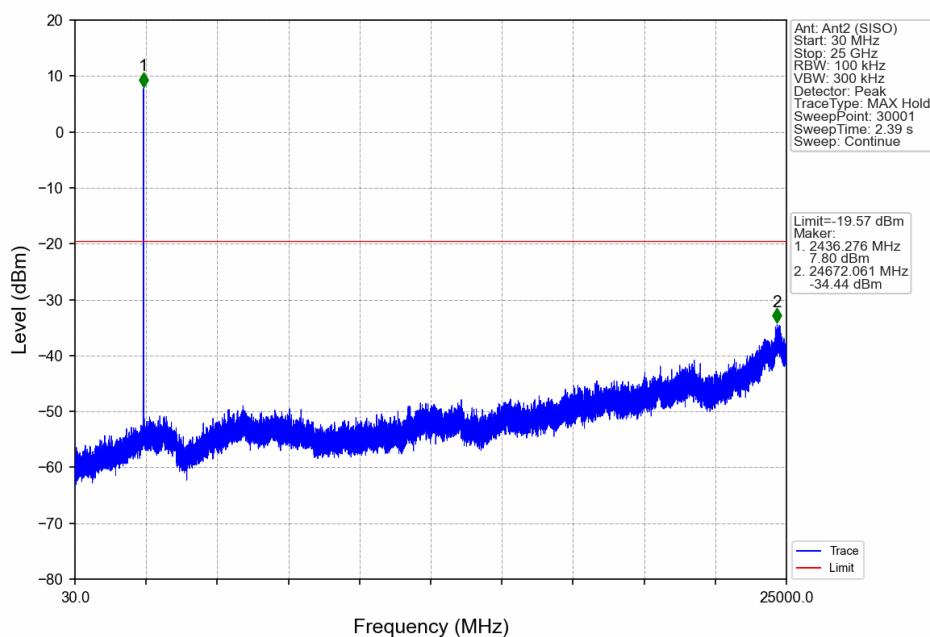
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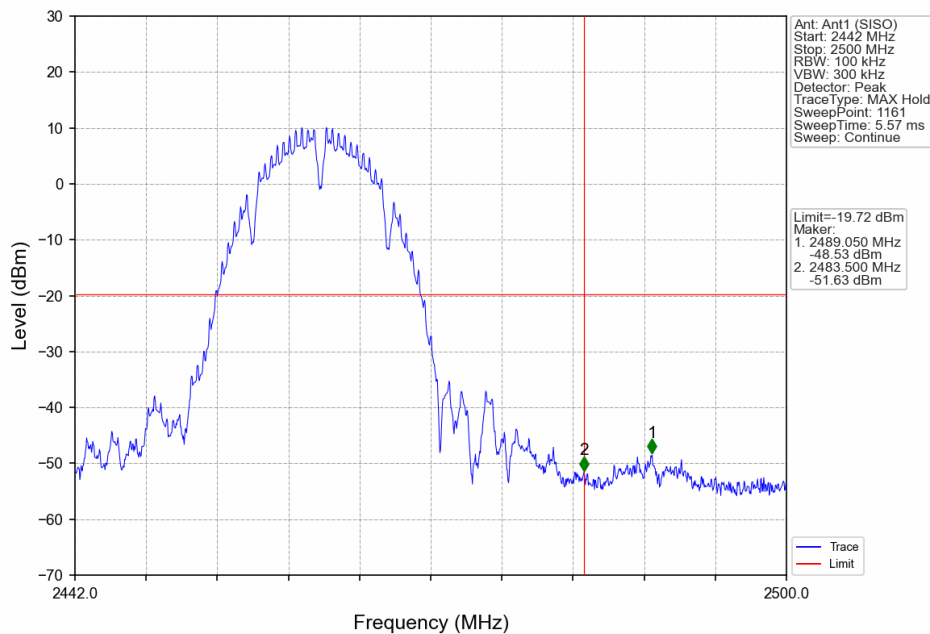
802.11b_MCH_2437MHz_Ant1 (SISO)_NTNV



802.11b_MCH_2437MHz_Ant2 (SISO)_NTNV



802.11b_HCH_2462MHz_Ant1 (SISO)_NTNV



802.11b_HCH_2462MHz_Ant1 (SISO)_NTNV

