

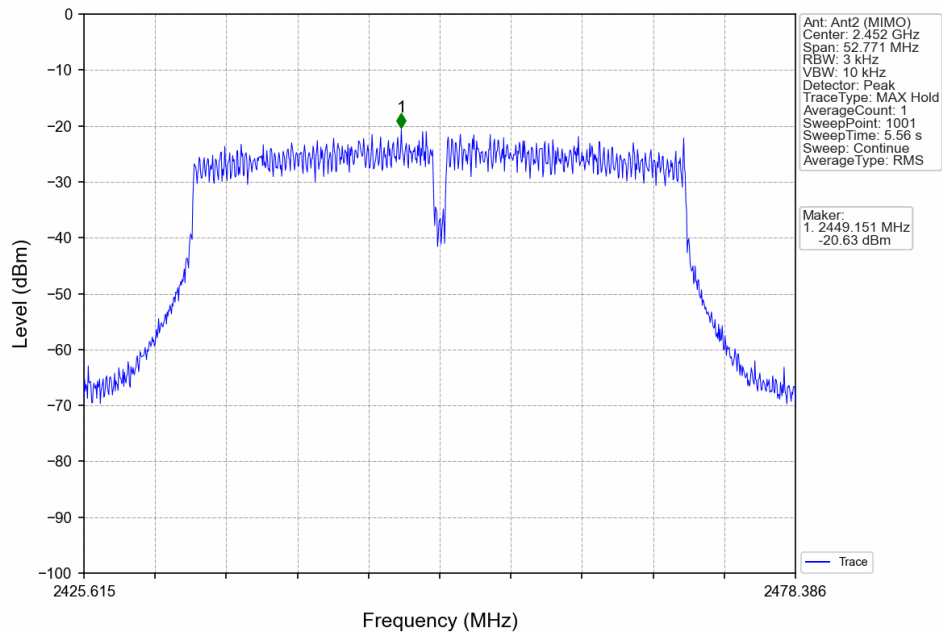
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SZCCS-TRF-01 Rev. A/0 Aug01,2022

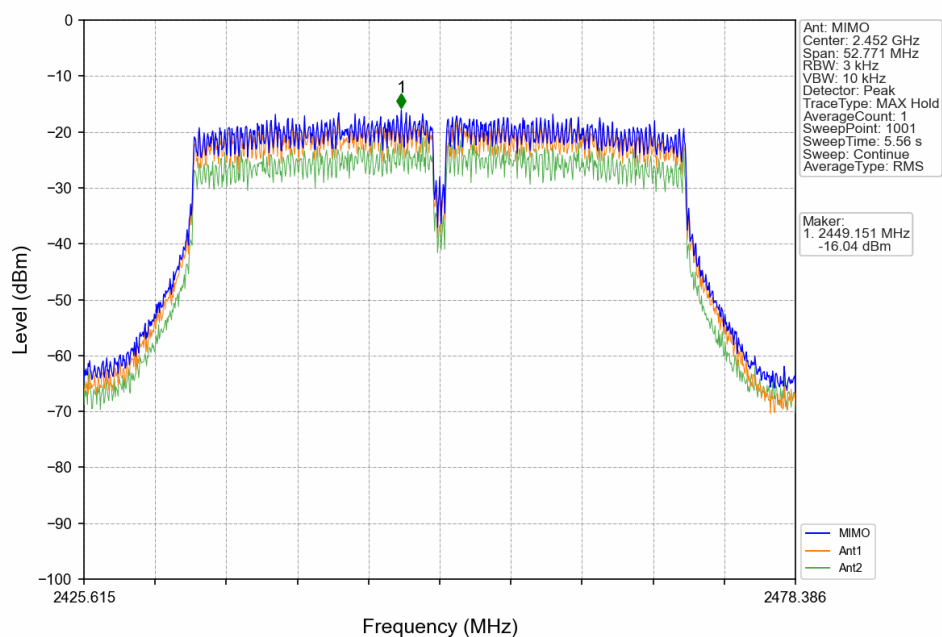
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802.11n(HT40)_HCH_2452MHz_Ant2 (MIMO)_NTNV



802.11n(HT40)_HCH_2452MHz_MIMO_NTNV



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4. Unwanted Emissions InStandard Non-restricted Frequency Bands

4.1 Ref

4.1.1 Test Result

Mode	TX Type	Frequency (MHz)	ANT	Level of Reference (dBm)
802.11b	SISO	2412	1	3.81
			2	-2.29
		2437	1	2.72
			2	-2.72
		2462	1	3.14
			2	-3.08
802.11g	SISO	2412	1	4.20
			2	-0.52
		2437	1	3.04
			2	-1.83
		2462	1	2.92
			2	-1.25
802.11n (HT20)	MIMO	2412	1	2.04
			2	-3.60
		2437	1	0.95
			2	-3.61
		2462	1	0.34
			2	-4.22
802.11n (HT40)	MIMO	2422	1	-1.57
			2	-6.01
		2437	1	-2.00
			2	-6.38
		2452	1	-2.20
			2	-6.48



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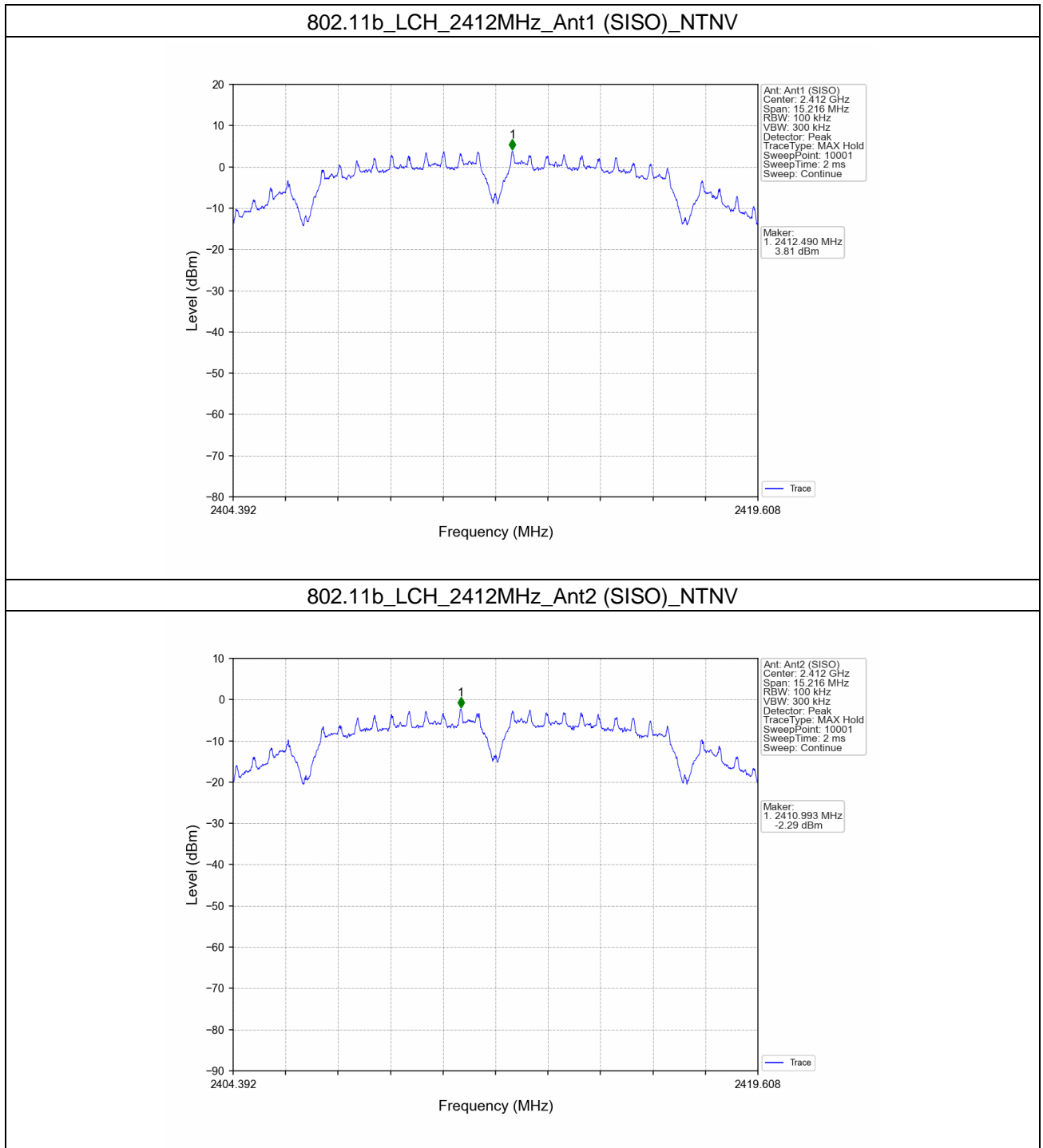
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4.1.2 Test Graph



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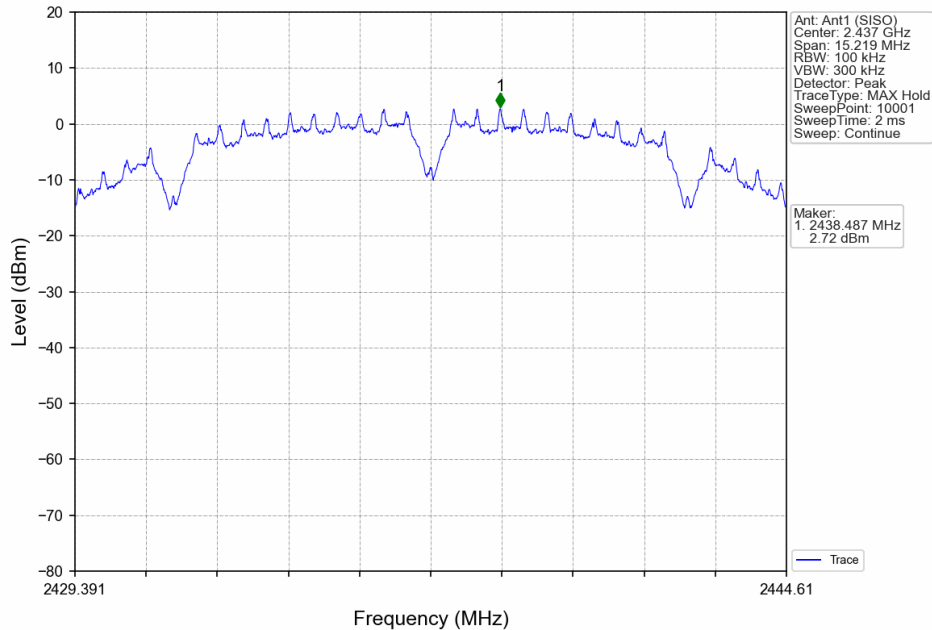
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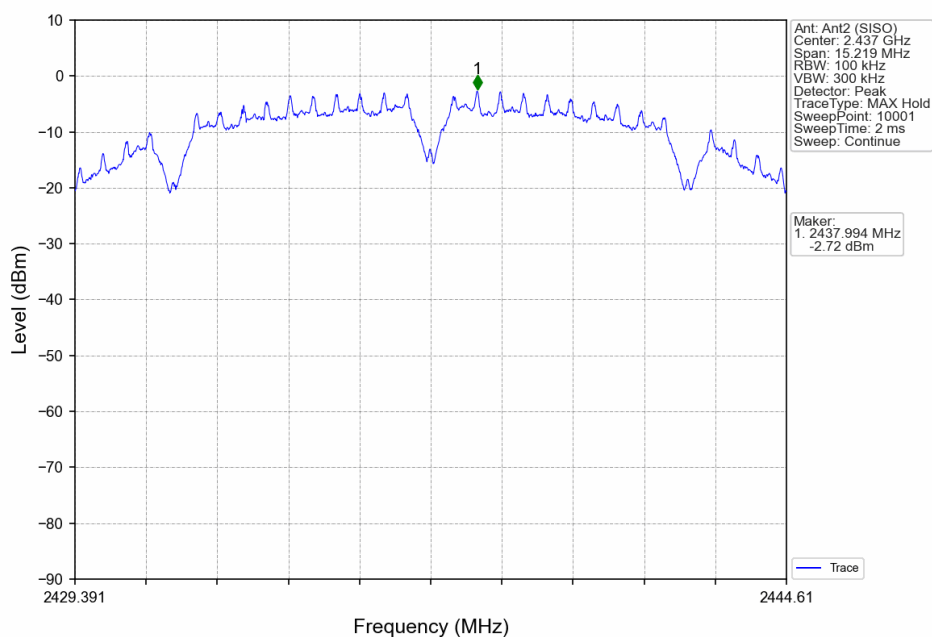
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802.11b_MCH_2437MHz_Ant1 (SISO)_NTNV



802.11b_MCH_2437MHz_Ant2 (SISO)_NTNV



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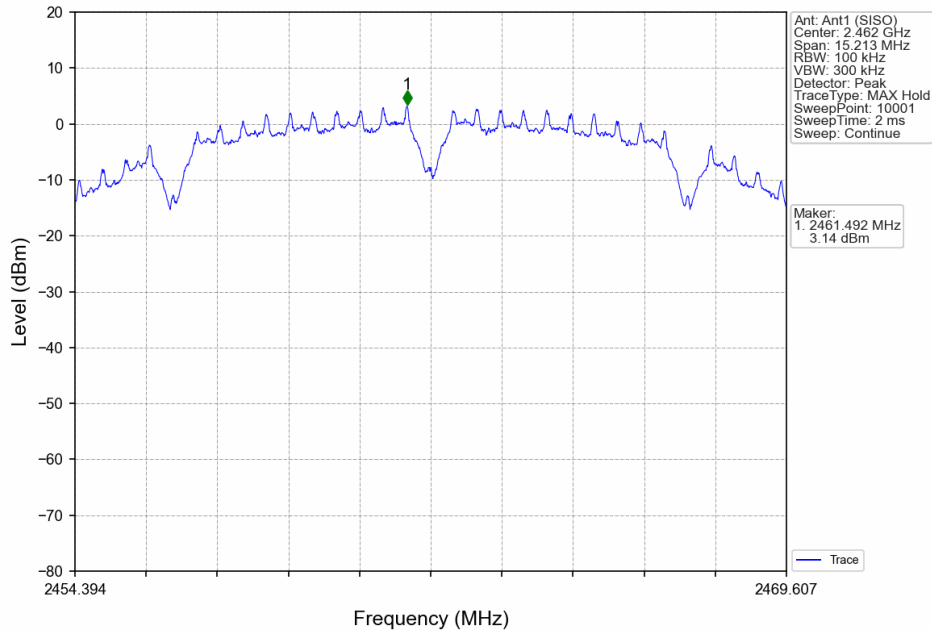
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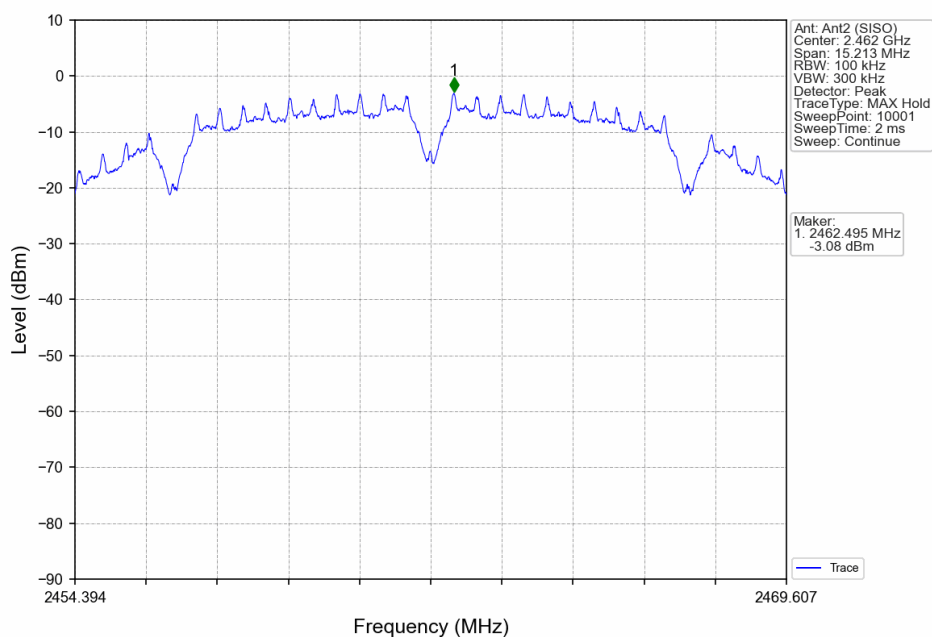
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802.11b_HCH_2462MHz_Ant1 (SISO)_NTNV



802.11b_HCH_2462MHz_Ant2 (SISO)_NTNV



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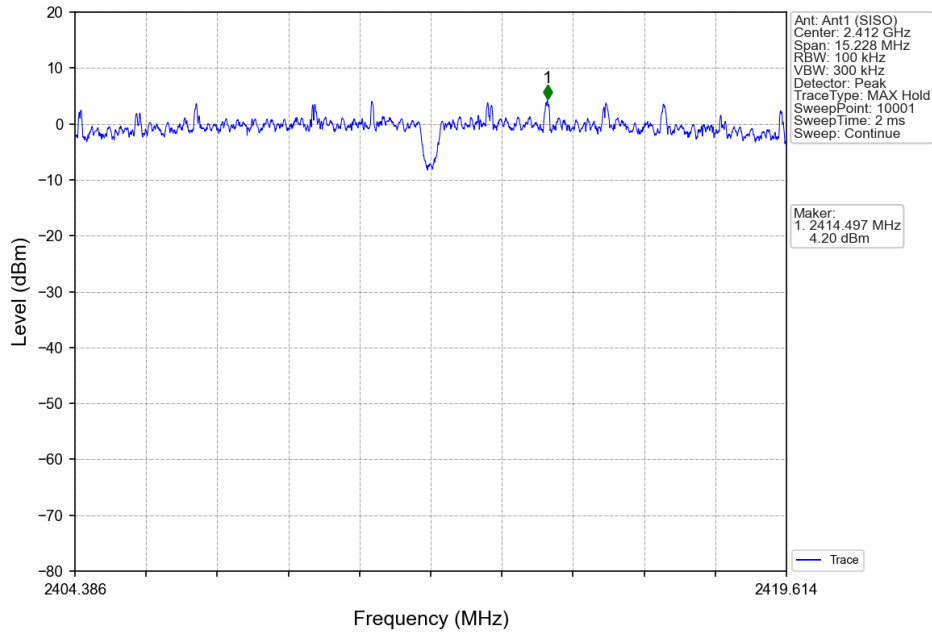
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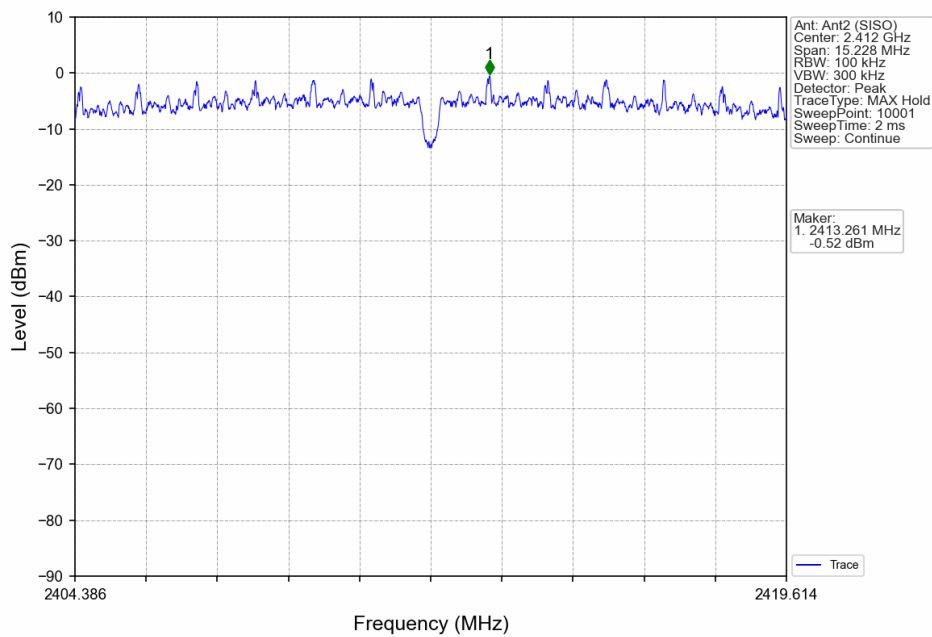
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802.11g_LCH_2412MHz_Ant1 (SISO)_NTNV



802.11g_LCH_2412MHz_Ant2 (SISO)_NTNV



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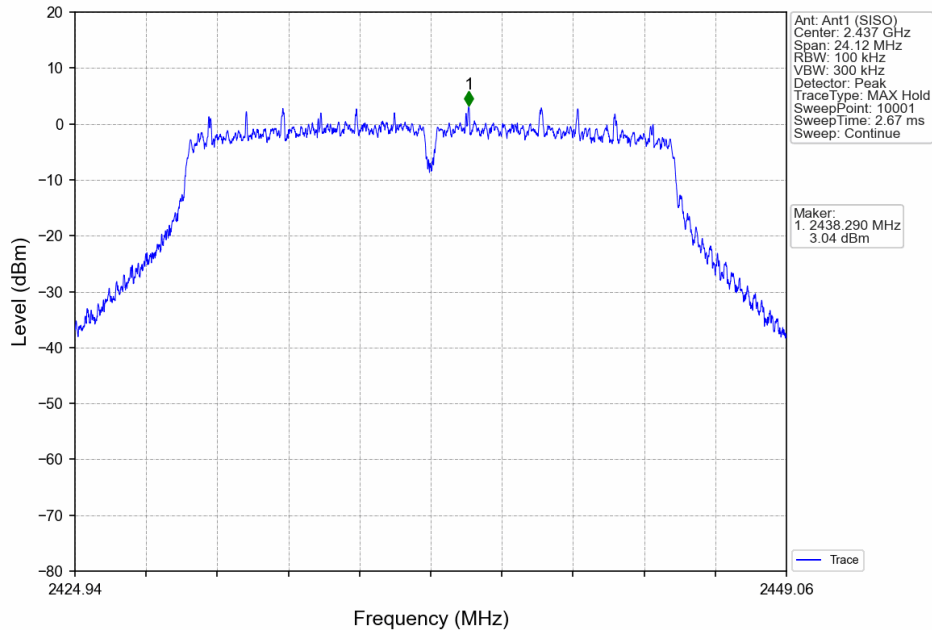
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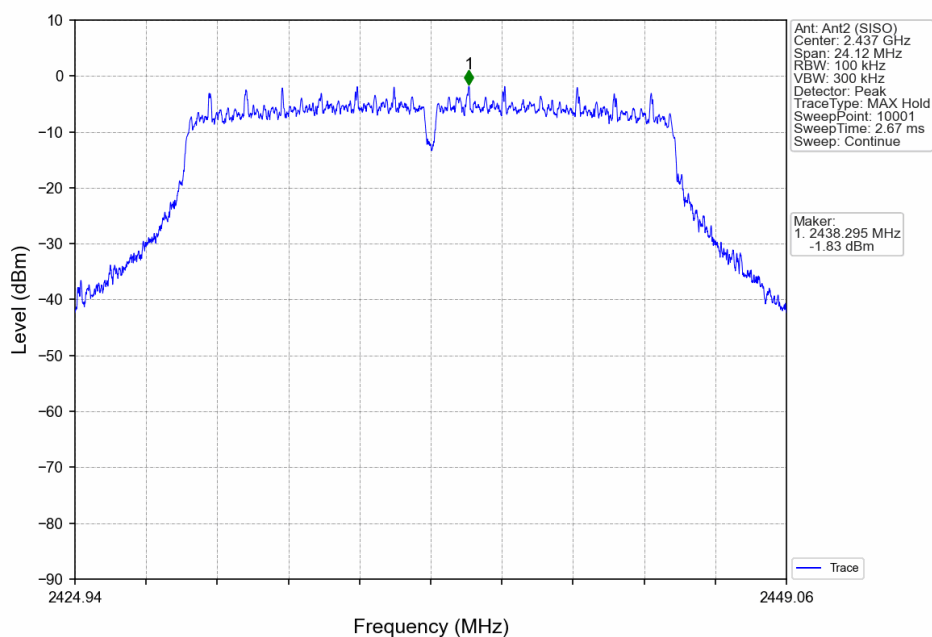
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802.11g_MCH_2437MHz_Ant1 (SISO)_NTNV



802.11g_MCH_2437MHz_Ant2 (SISO)_NTNV



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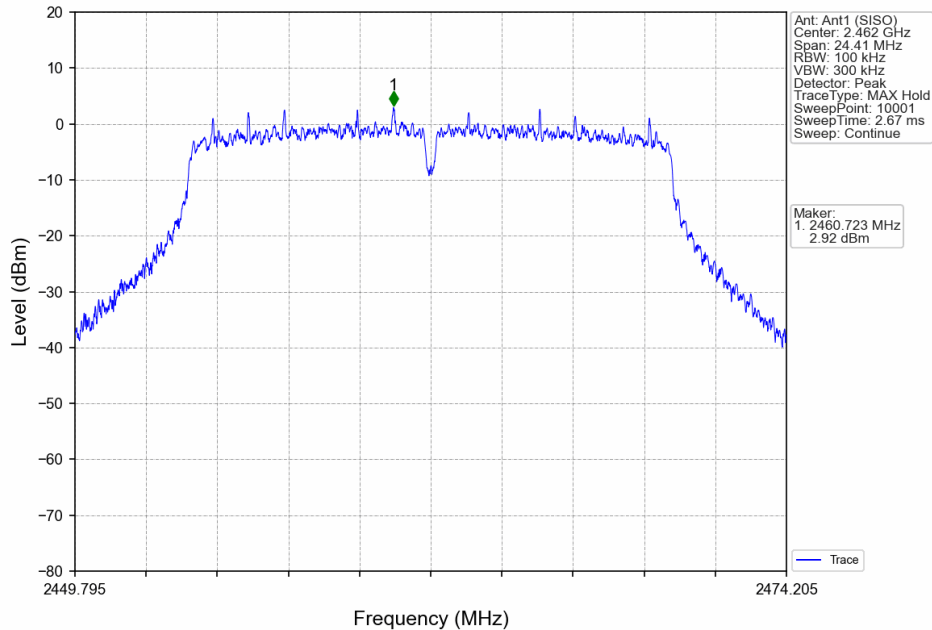
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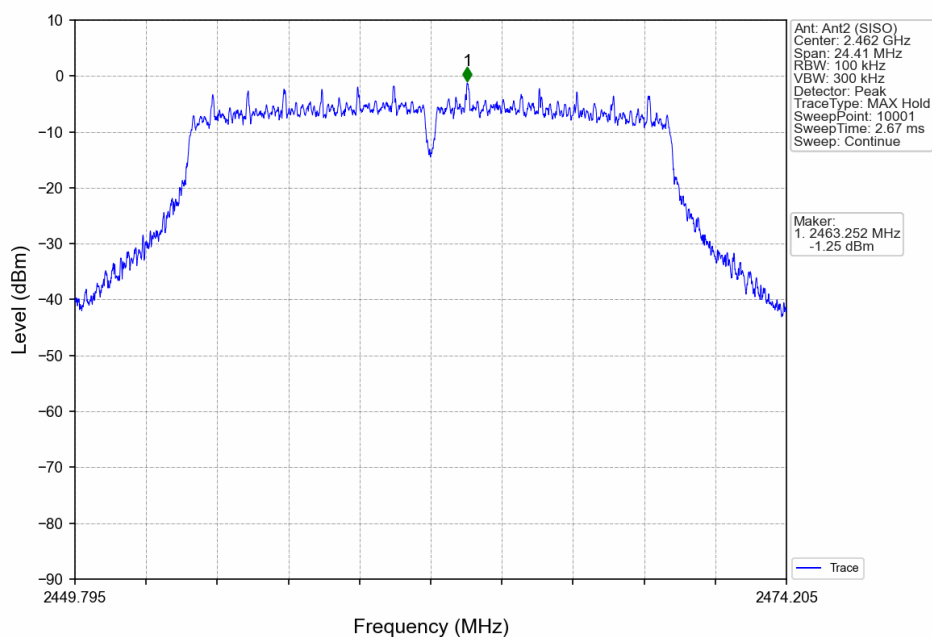
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802.11g_HCH_2462MHz_Ant1 (SISO)_NTNV



802.11g_HCH_2462MHz_Ant2 (SISO)_NTNV



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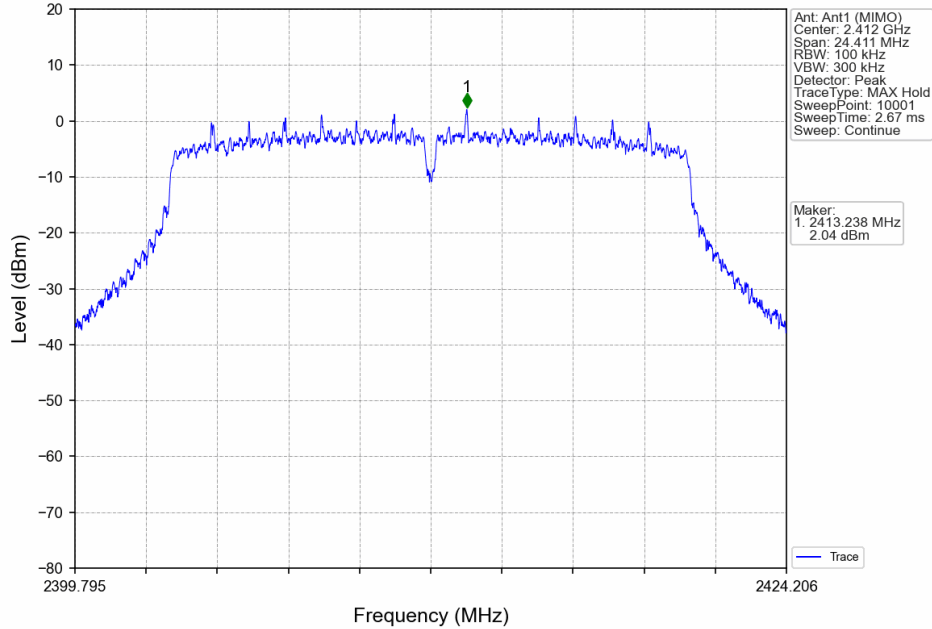
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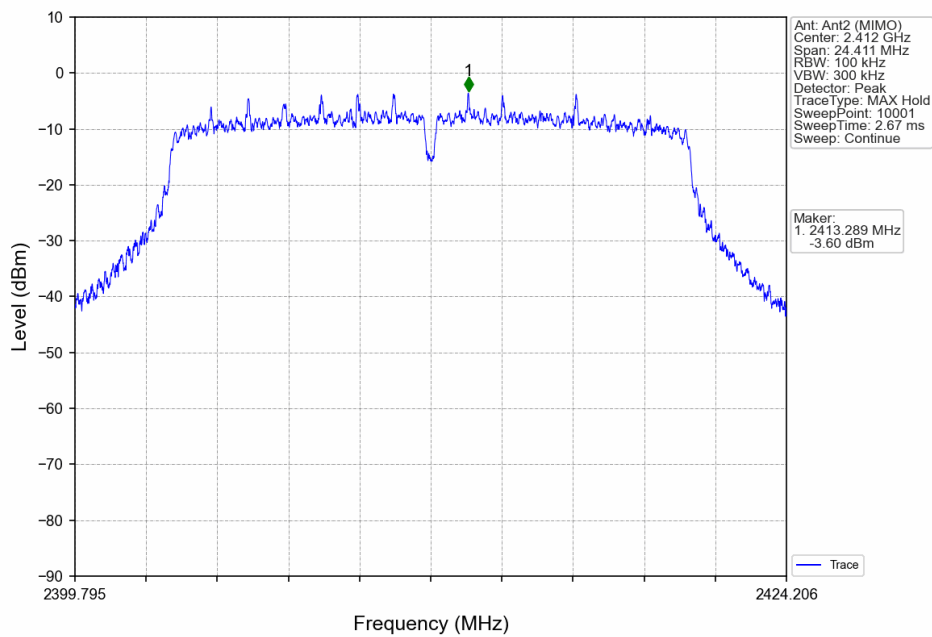
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802.11n(HT20)_LCH_2412MHz_Ant1 (MIMO)_NTNV



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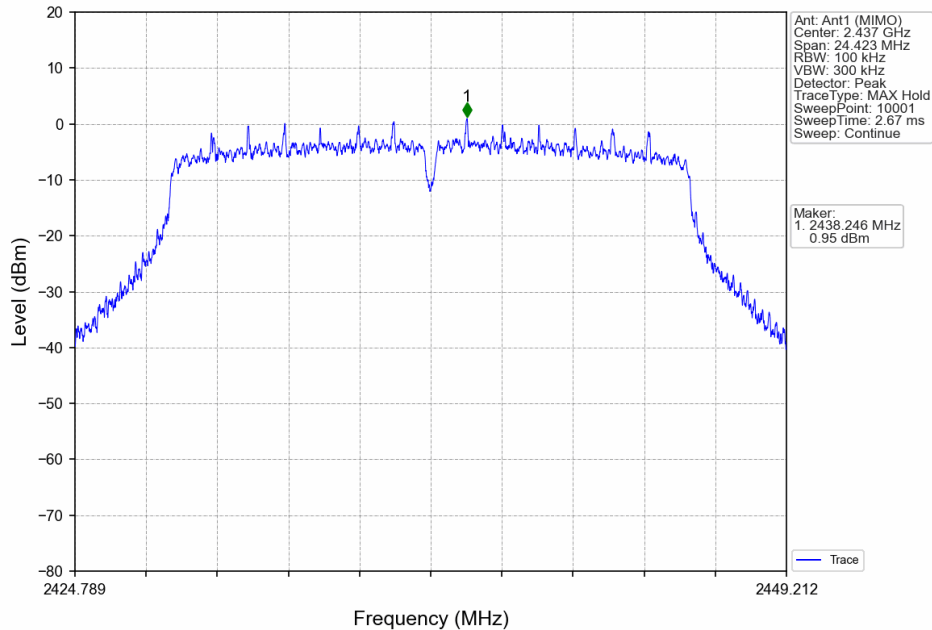
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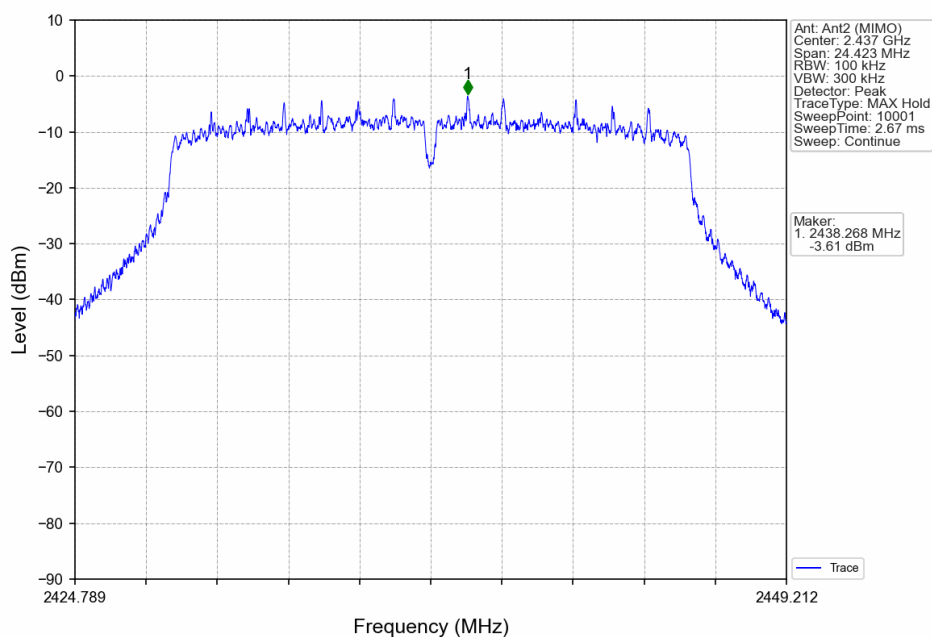
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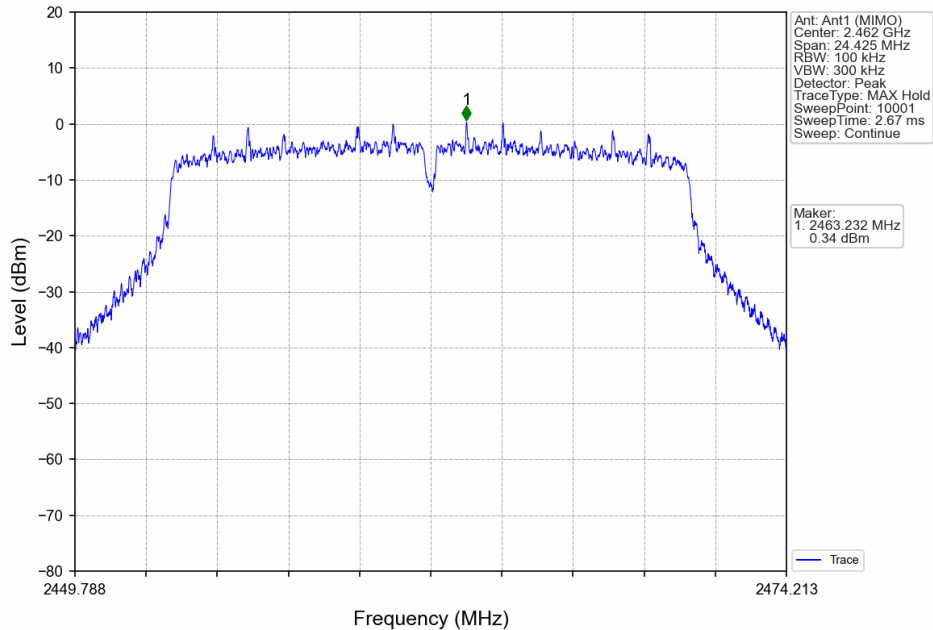
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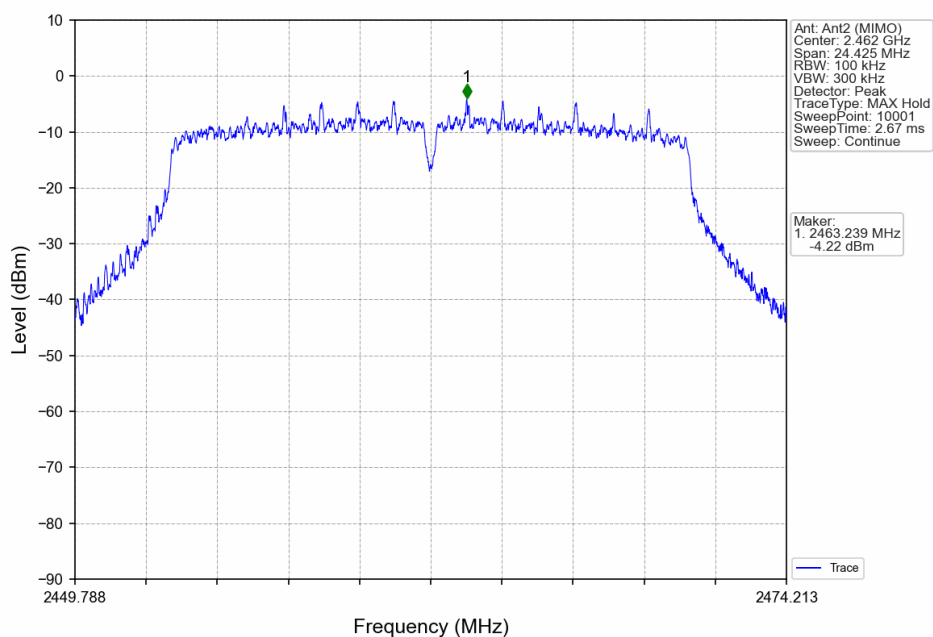
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802.11n(HT20)_HCH_2462MHz_Ant1 (MIMO)_NTNV



802.11n(HT20)_HCH_2462MHz_Ant2 (MIMO)_NTNV



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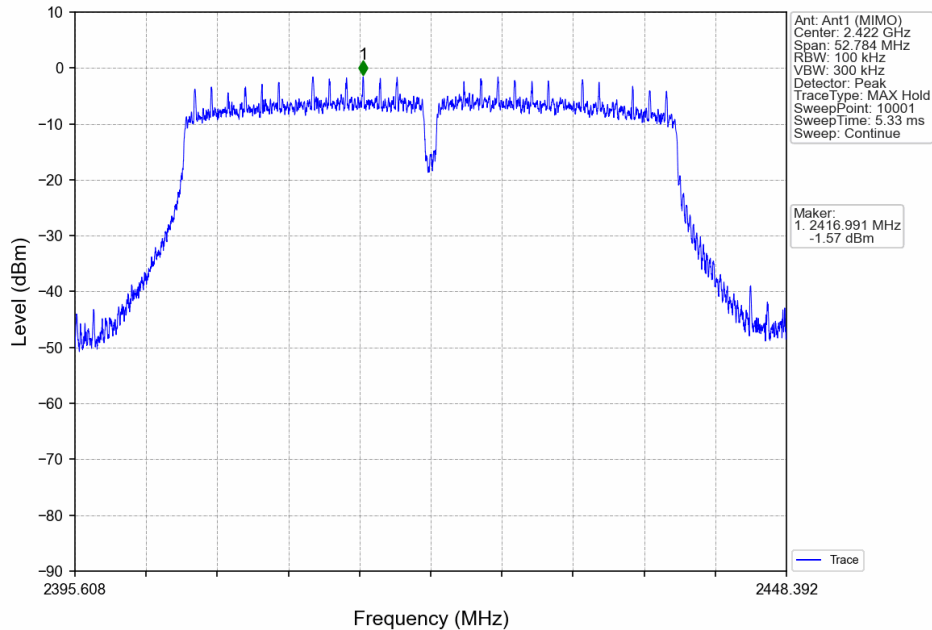
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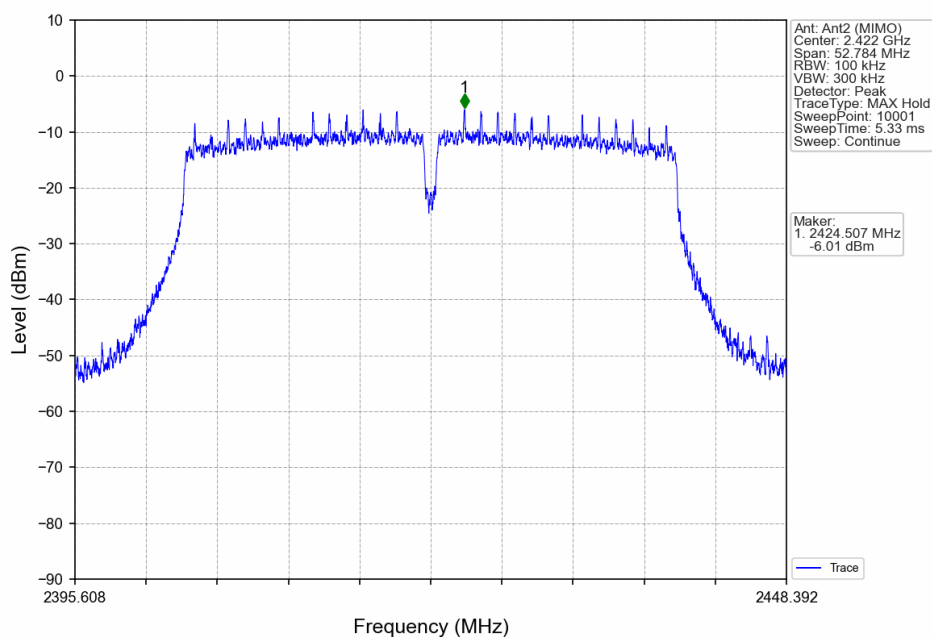
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802.11n(HT40)_LCH_2422MHz_Ant1 (MIMO)_NTNV



802.11n(HT40)_LCH_2422MHz_Ant2 (MIMO)_NTNV



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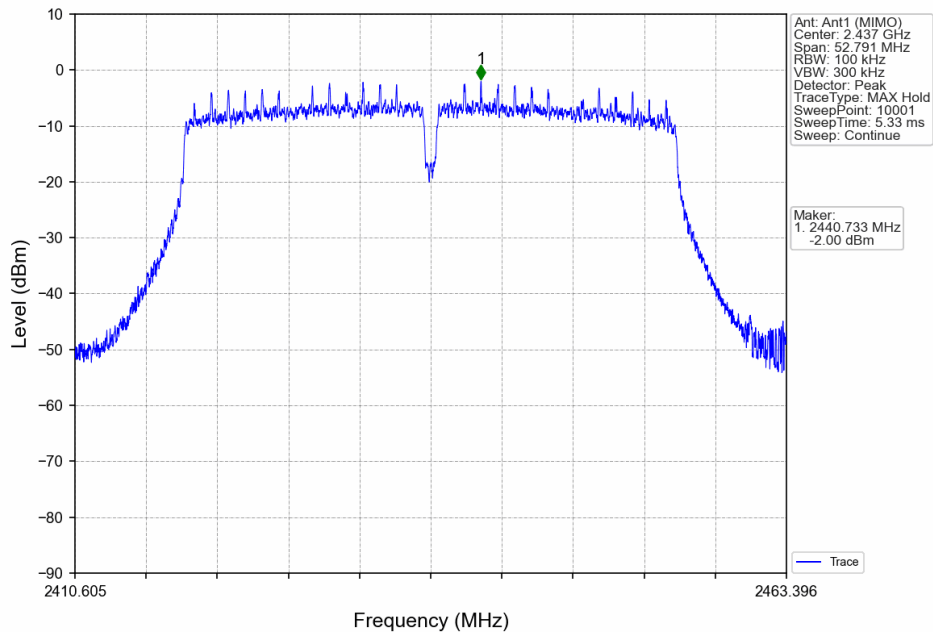
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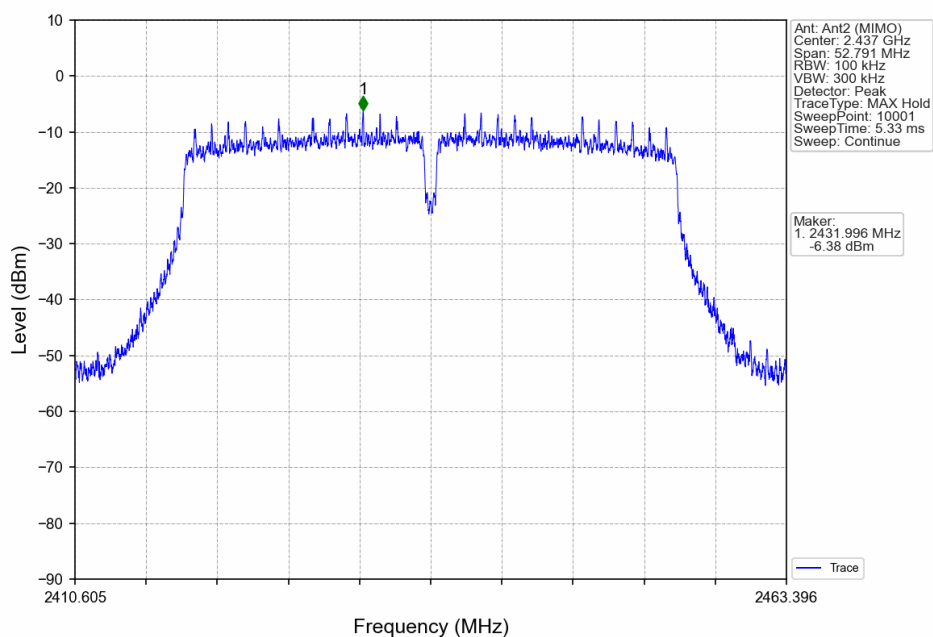
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802.11n(HT40)_MCH_2437MHz_Ant1 (MIMO)_NTNV



802.11n(HT40)_MCH_2437MHz_Ant2 (MIMO)_NTNV



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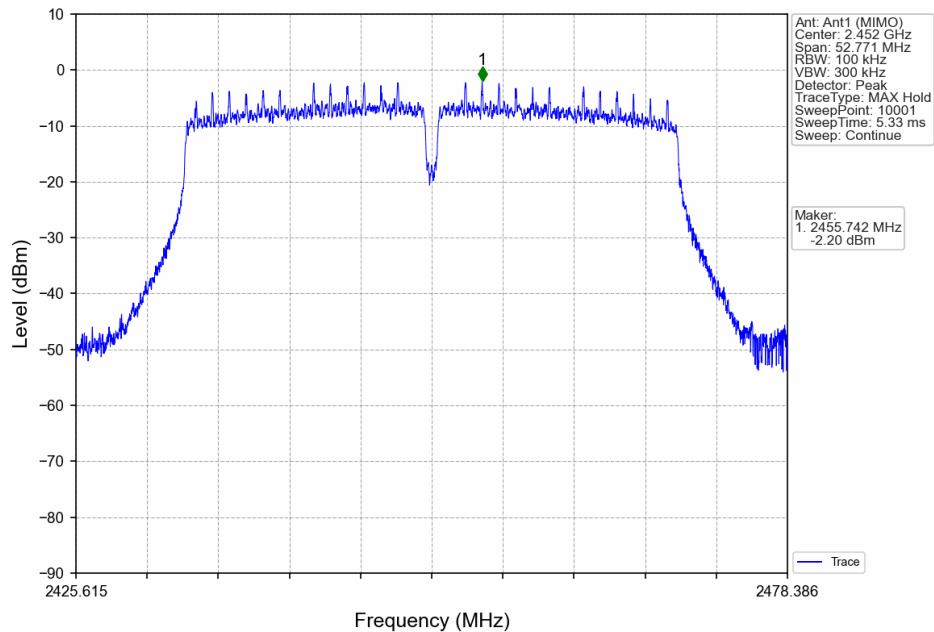
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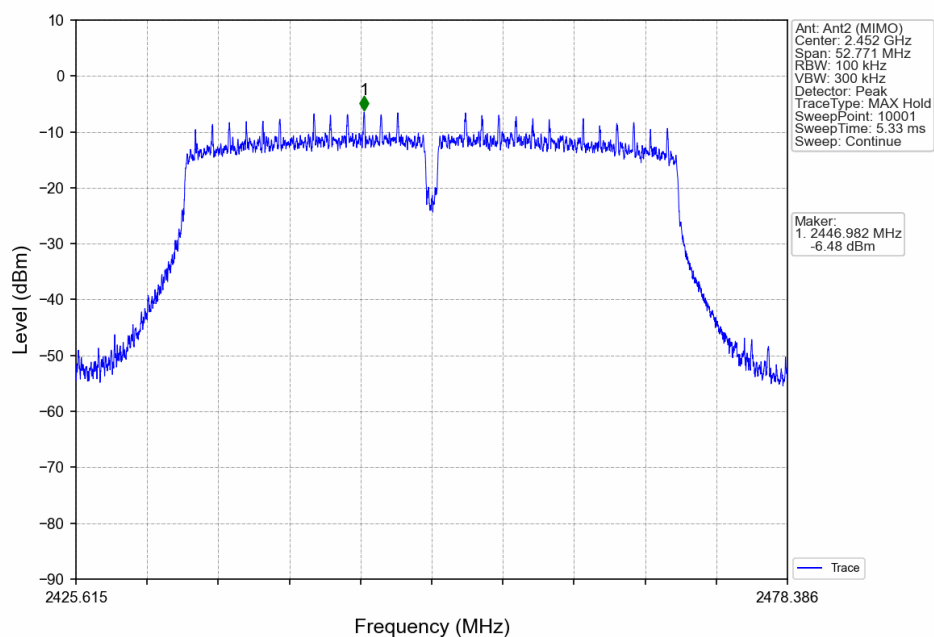
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802.11n(HT40)_HCH_2452MHz_Ant1 (MIMO)_NTNV



802.11n(HT40)_HCH_2452MHz_Ant2 (MIMO)_NTNV



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4.2 CSE

4.2.1 Test Result

Mode	TX Type	Frequency (MHz)	ANT	Level of Reference (dBm)	Limit (dBm)	Verdict
802.11b	SISO	2412	1	3.81	-26.19	Pass
			2	-2.29	-32.29	Pass
		2437	1	3.81	-26.19	Pass
			2	-2.29	-32.29	Pass
		2462	1	3.81	-26.19	Pass
			2	-2.29	-32.29	Pass
802.11g	SISO	2412	1	4.20	-25.80	Pass
			2	-0.52	-30.52	Pass
		2437	1	4.20	-25.80	Pass
			2	-0.52	-30.52	Pass
		2462	1	4.20	-25.80	Pass
			2	-0.52	-30.52	Pass
802.11n (HT20)	MIMO	2412	1	2.04	-27.96	Pass
			2	-3.60	-33.60	Pass
		2437	1	2.04	-27.96	Pass
			2	-3.60	-33.60	Pass
		2462	1	2.04	-27.96	Pass
			2	-3.60	-33.60	Pass
802.11n (HT40)	MIMO	2422	1	-1.57	-31.57	Pass
			2	-6.01	-36.01	Pass
		2437	1	-1.57	-31.57	Pass
			2	-6.01	-36.01	Pass
		2452	1	-1.57	-31.57	Pass
			2	-6.01	-36.01	Pass



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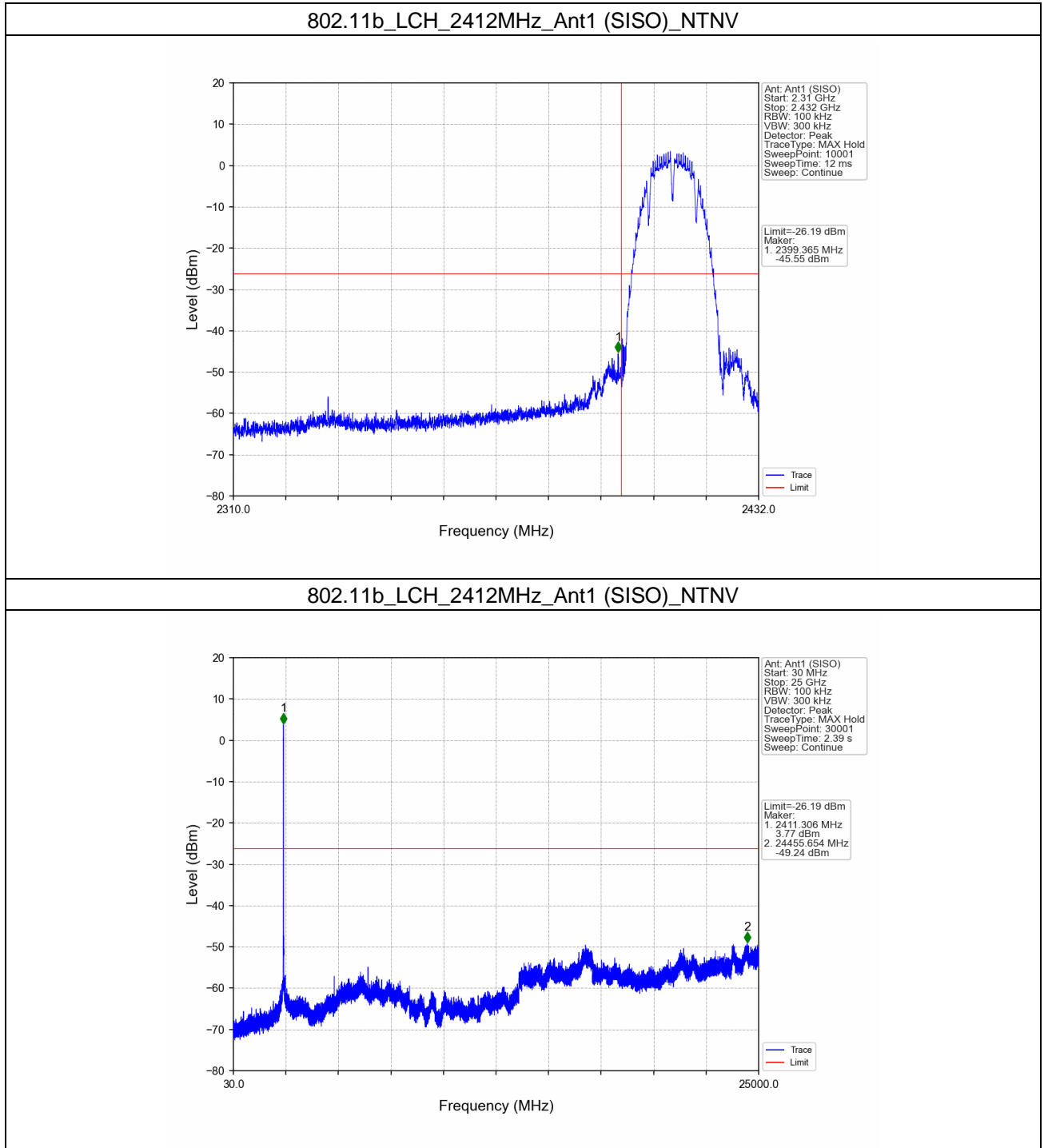
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4.2.2 Test Graph



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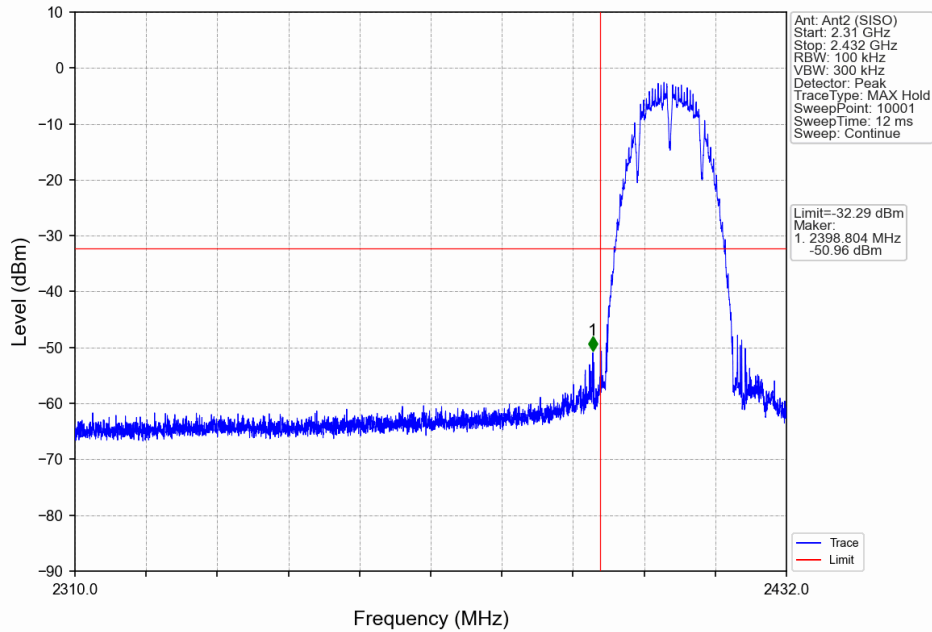
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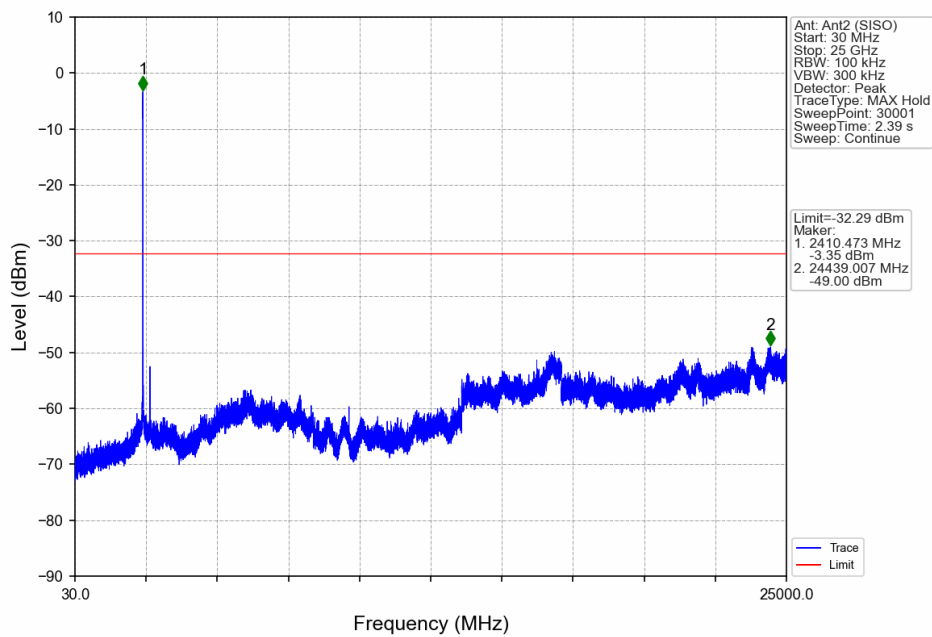
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802.11b_LCH_2412MHz_Ant2 (SISO)_NTNV



802.11b_LCH_2412MHz_Ant2 (SISO)_NTNV



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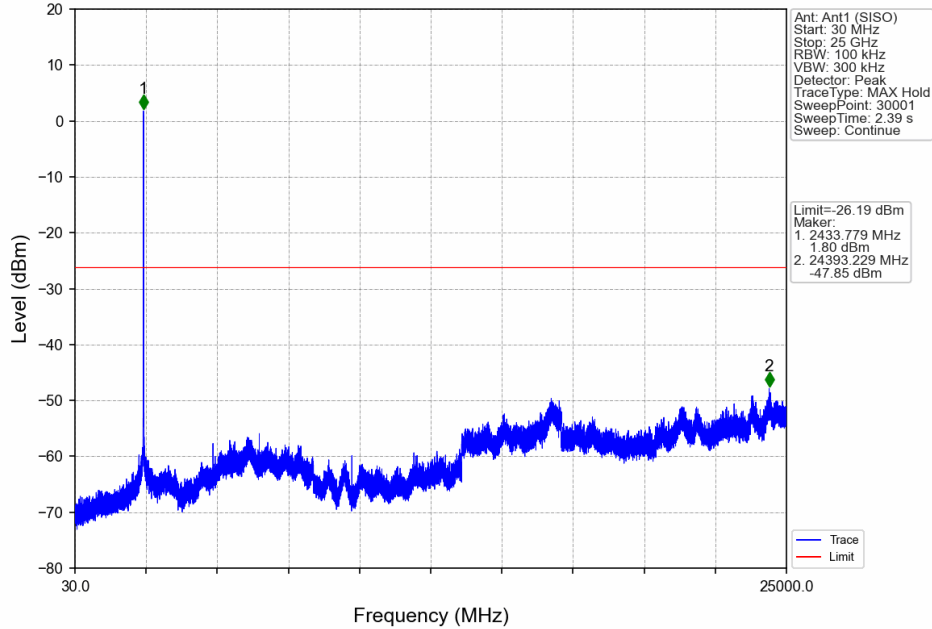
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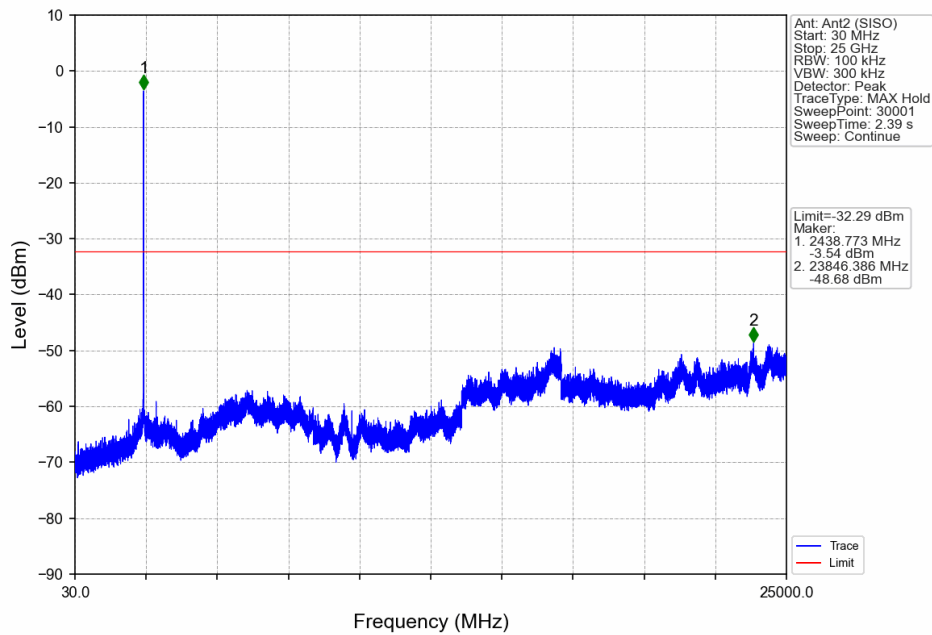
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802.11b_MCH_2437MHz_Ant1 (SISO)_NTNV



802.11b_MCH_2437MHz_Ant2 (SISO)_NTNV



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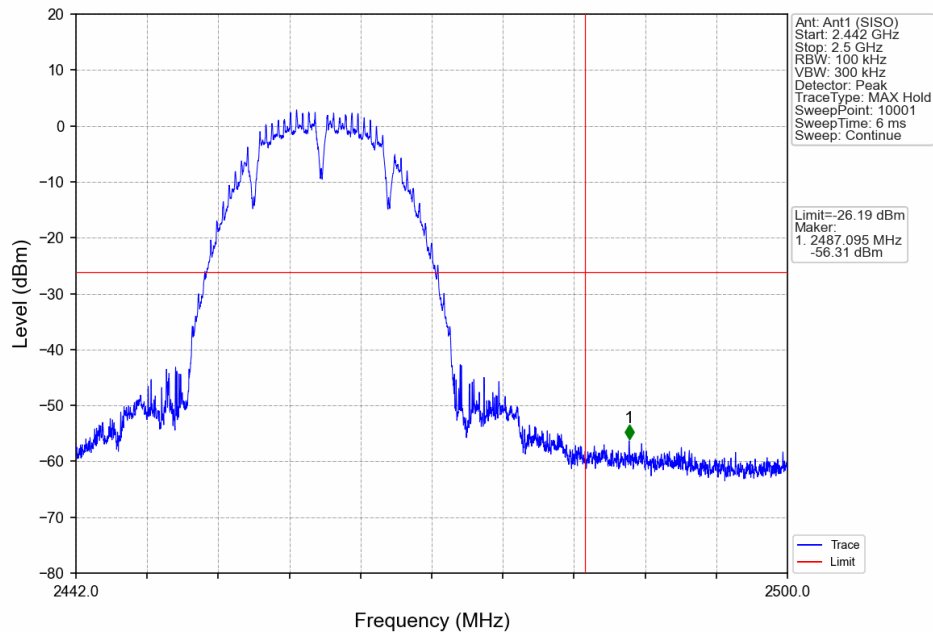
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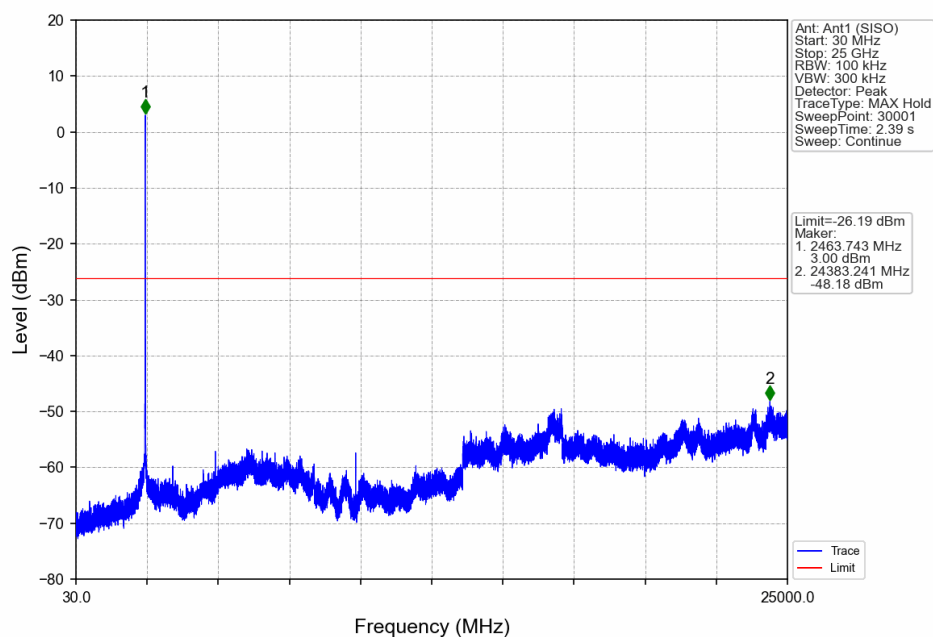
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802.11b_HCH_2462MHz_Ant1 (SISO)_NTNV



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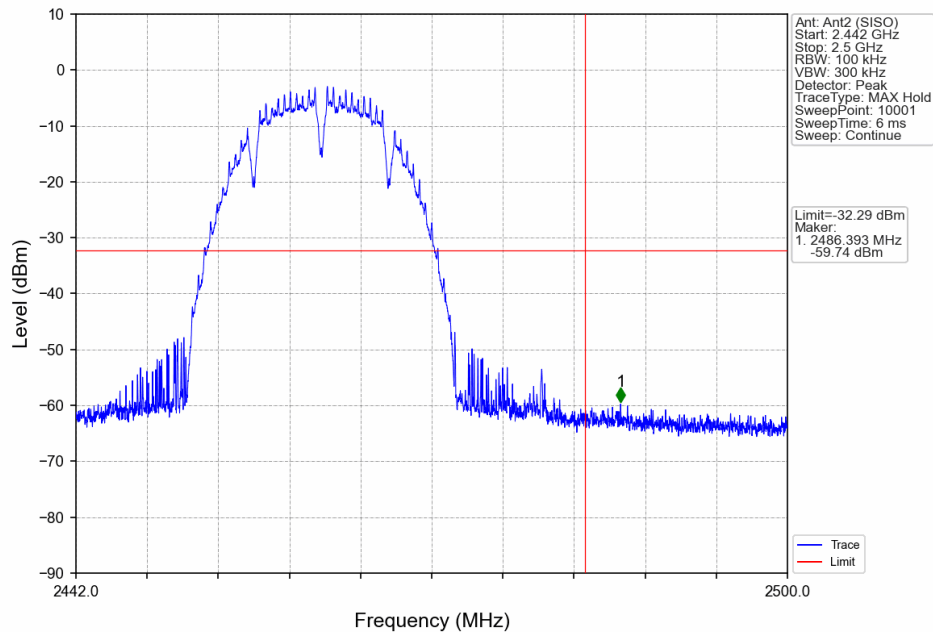
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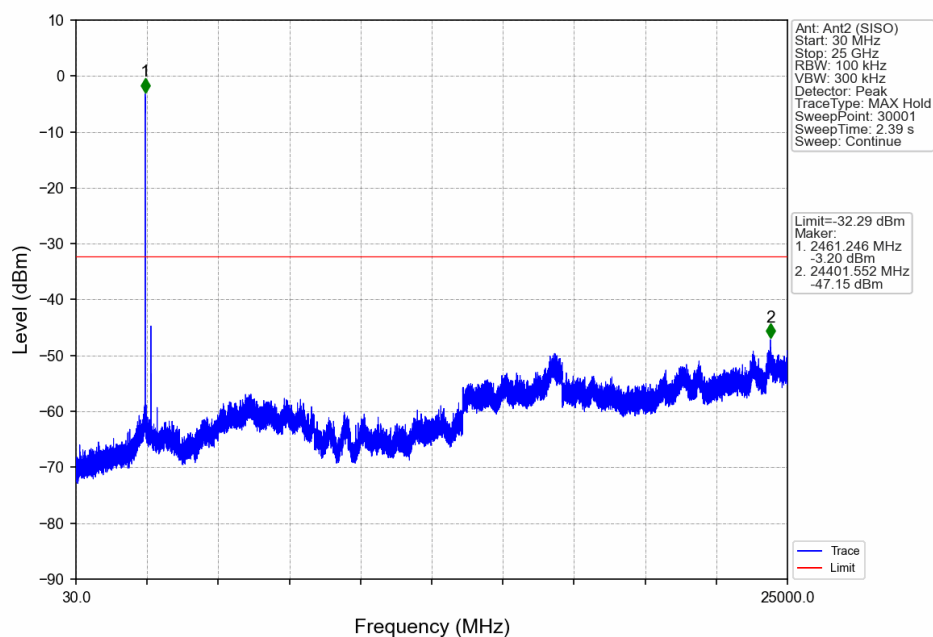
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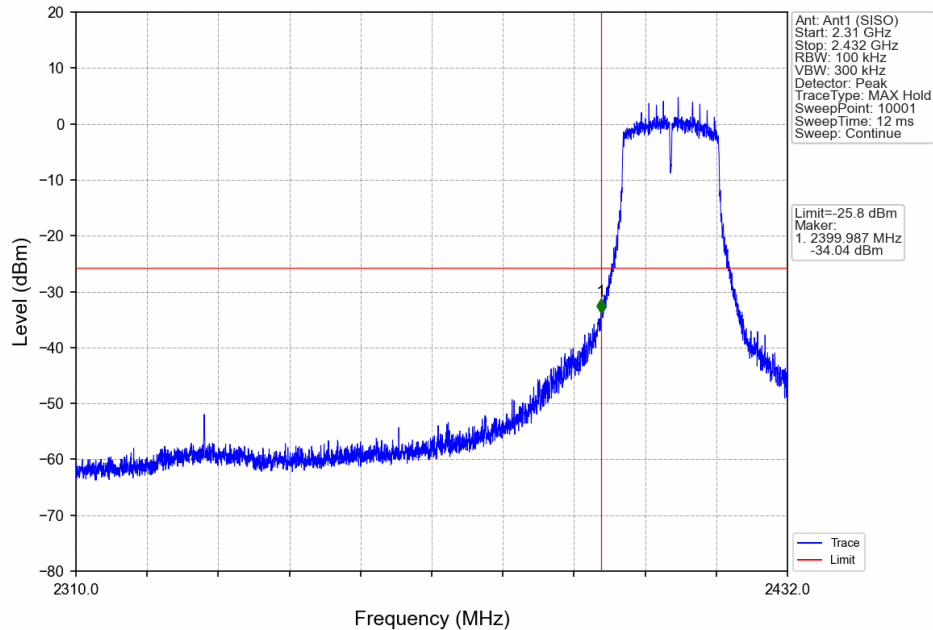
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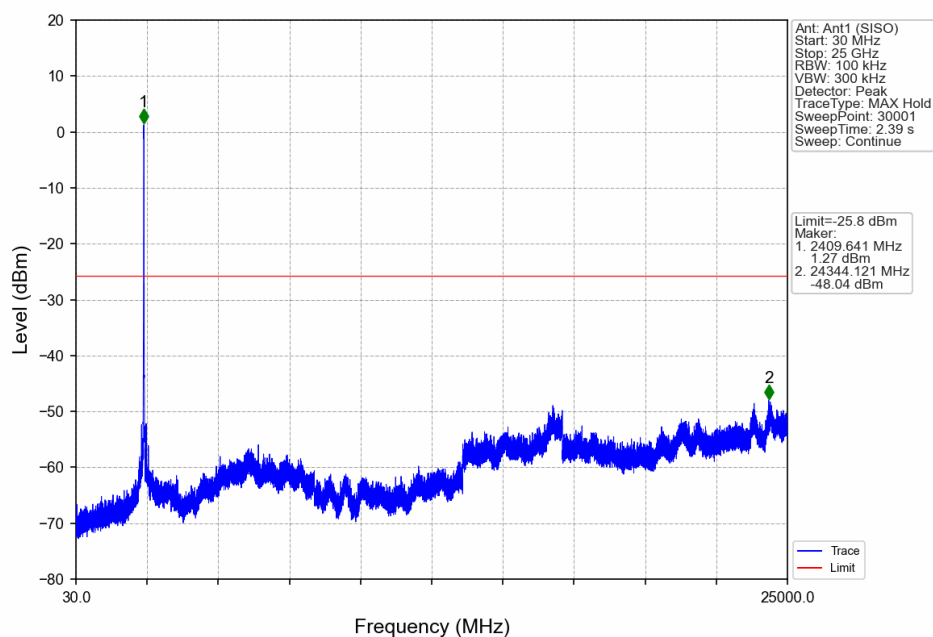
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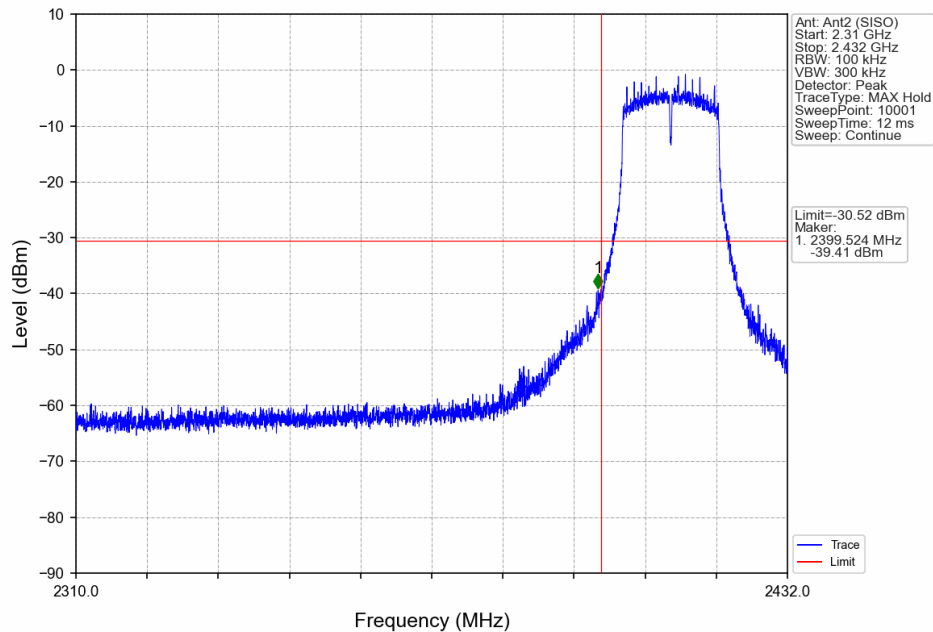
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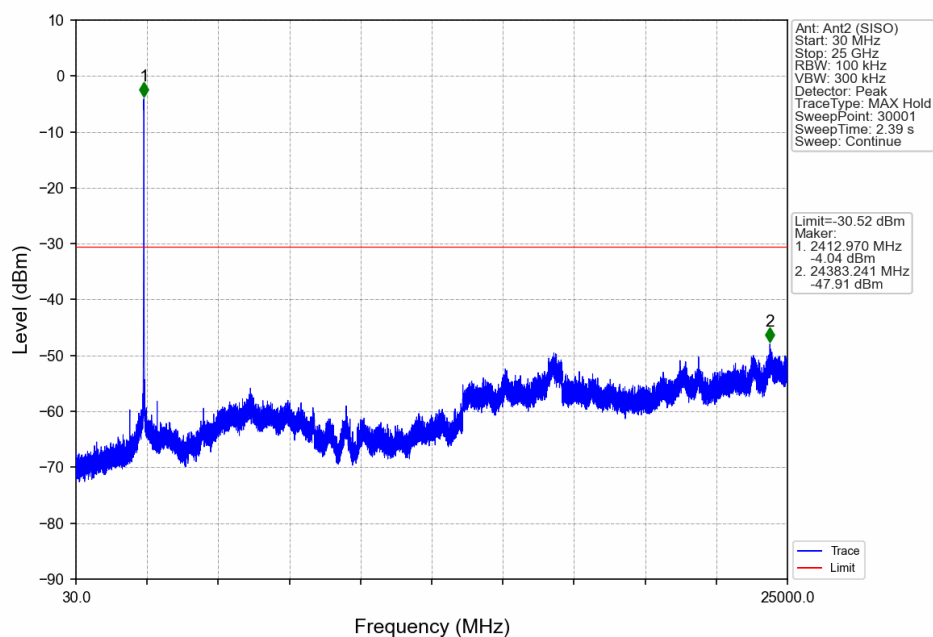
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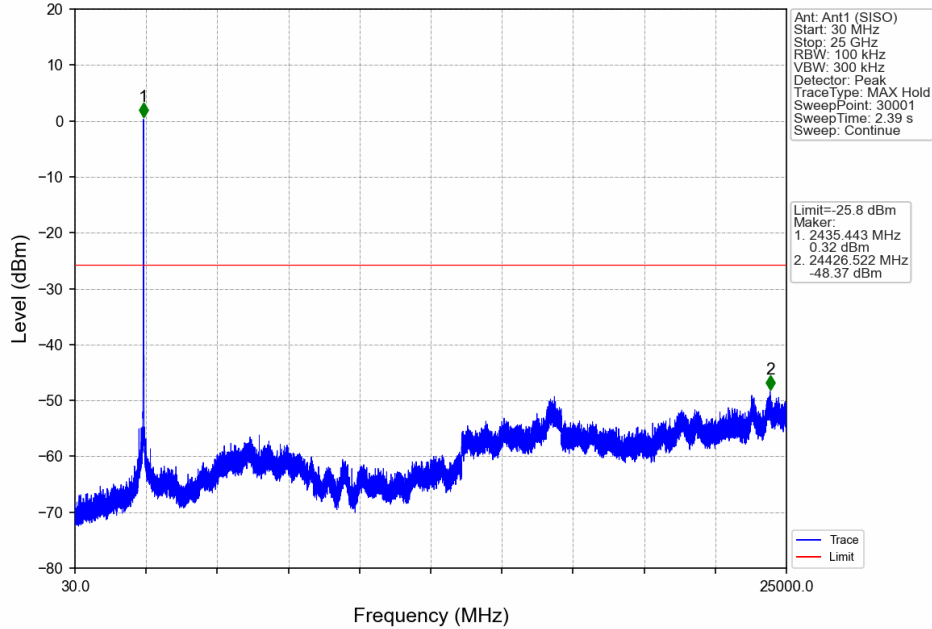
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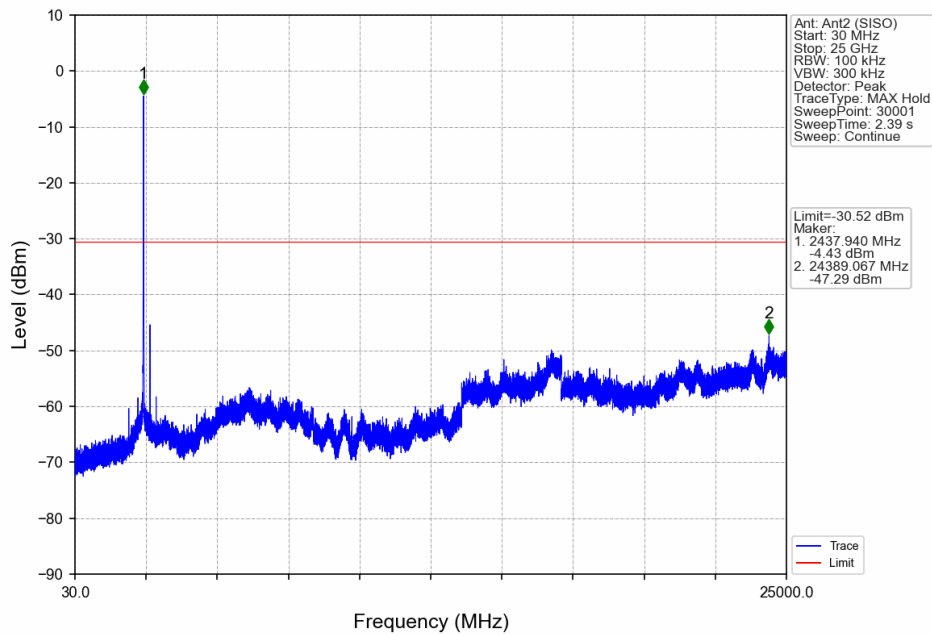
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802.11g_MCH_2437MHz_Ant1 (SISO)_NTNV



802.11g_MCH_2437MHz_Ant2 (SISO)_NTNV



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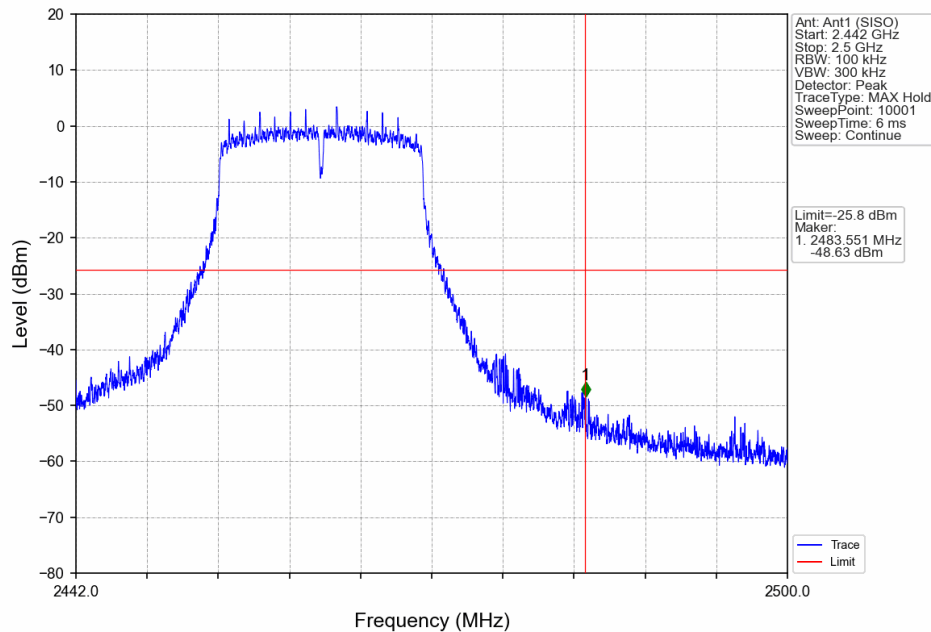
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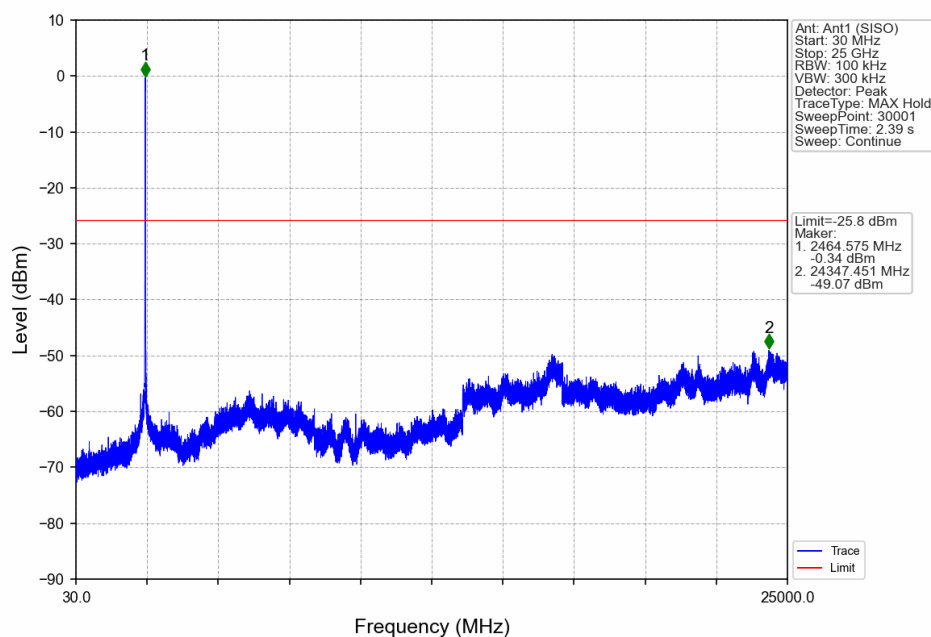
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802.11g_HCH_2462MHz_Ant1 (SISO)_NTNV



802.11g_HCH_2462MHz_Ant1 (SISO)_NTNV



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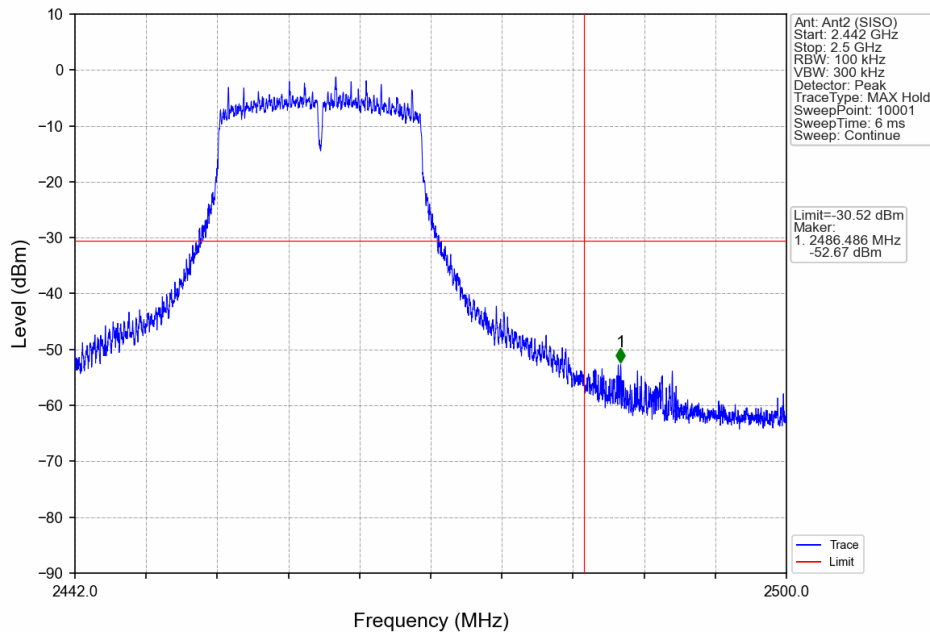
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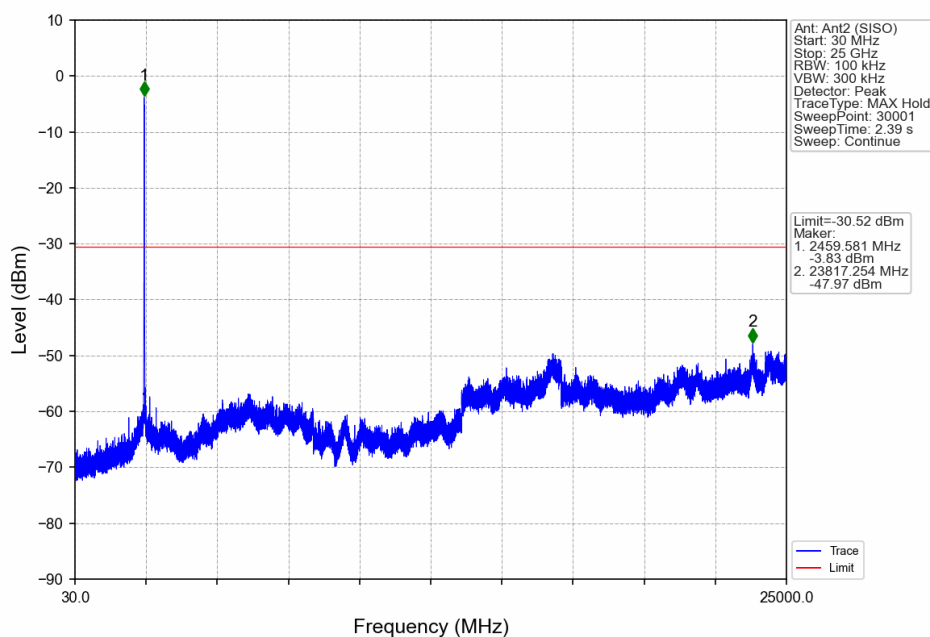
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802.11g_HCH_2462MHz_Ant2 (SISO)_NTNV



802.11g_HCH_2462MHz_Ant2 (SISO)_NTNV



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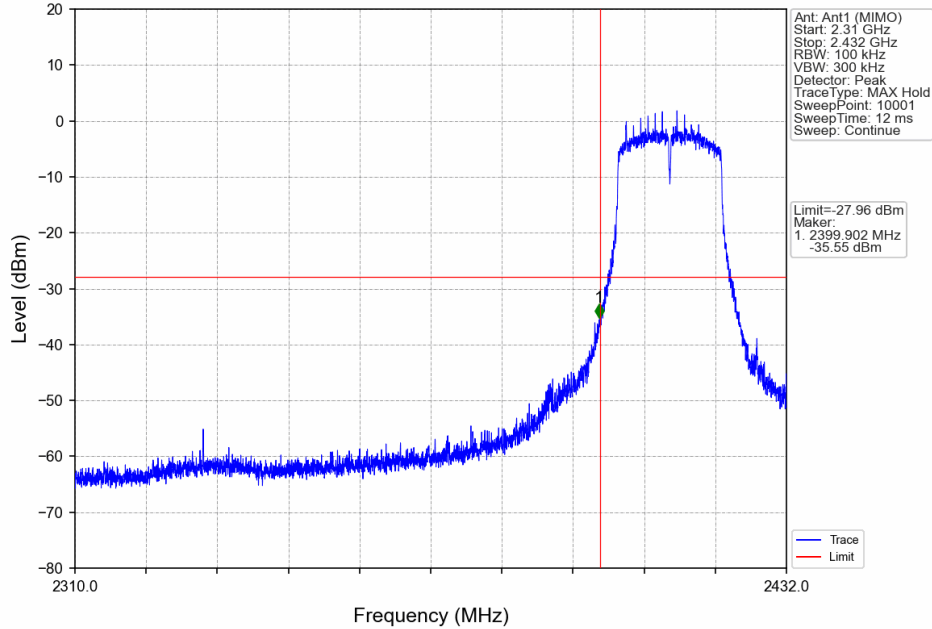
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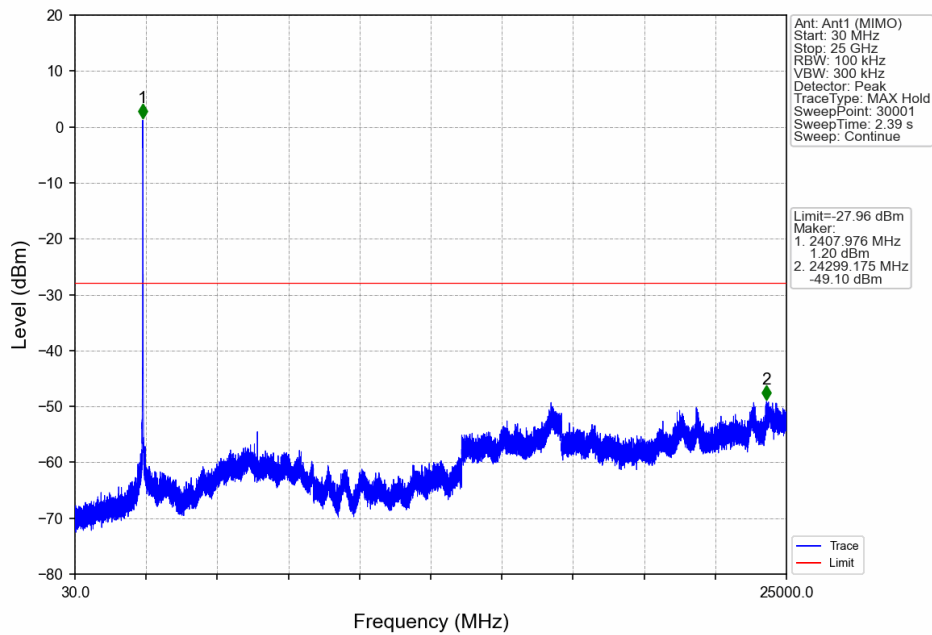
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802.11n(HT20)_LCH_2412MHz_Ant1 (MIMO)_NTNV



802.11n(HT20)_LCH_2412MHz_Ant1 (MIMO)_NTNV



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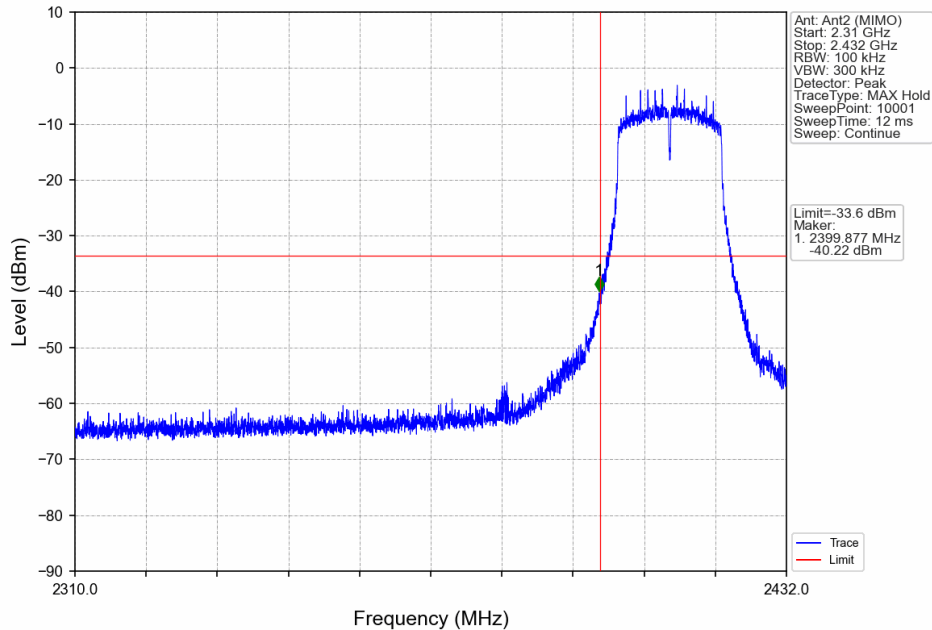
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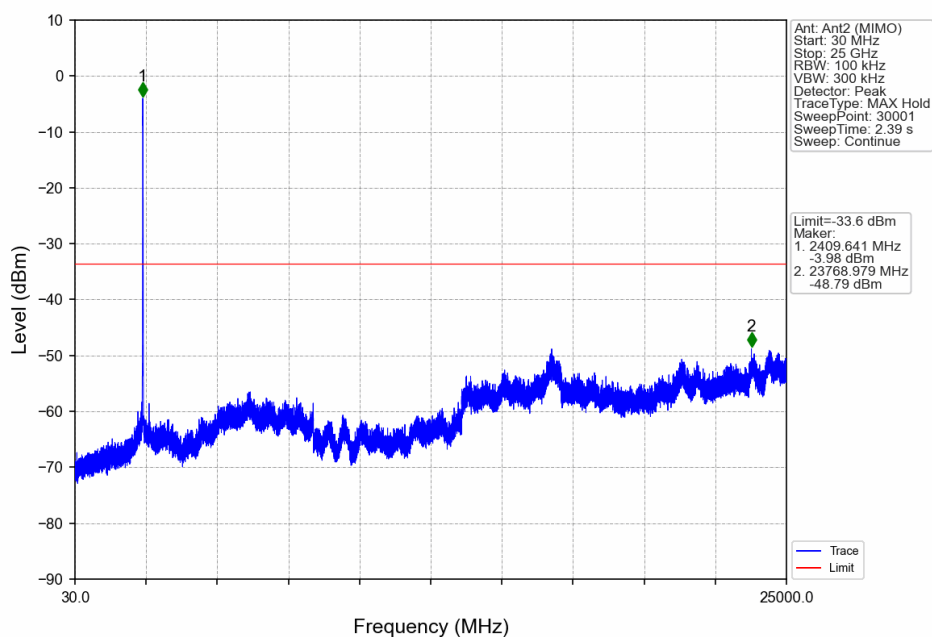
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802.11n(HT20)_LCH_2412MHz_Ant2 (MIMO)_NTNV



802.11n(HT20)_LCH_2412MHz_Ant2 (MIMO)_NTNV



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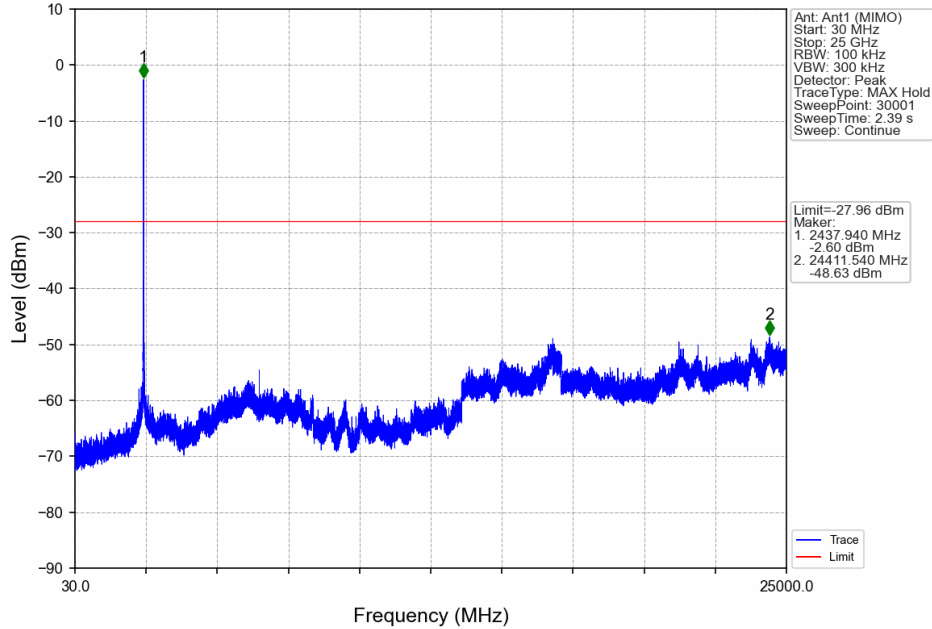
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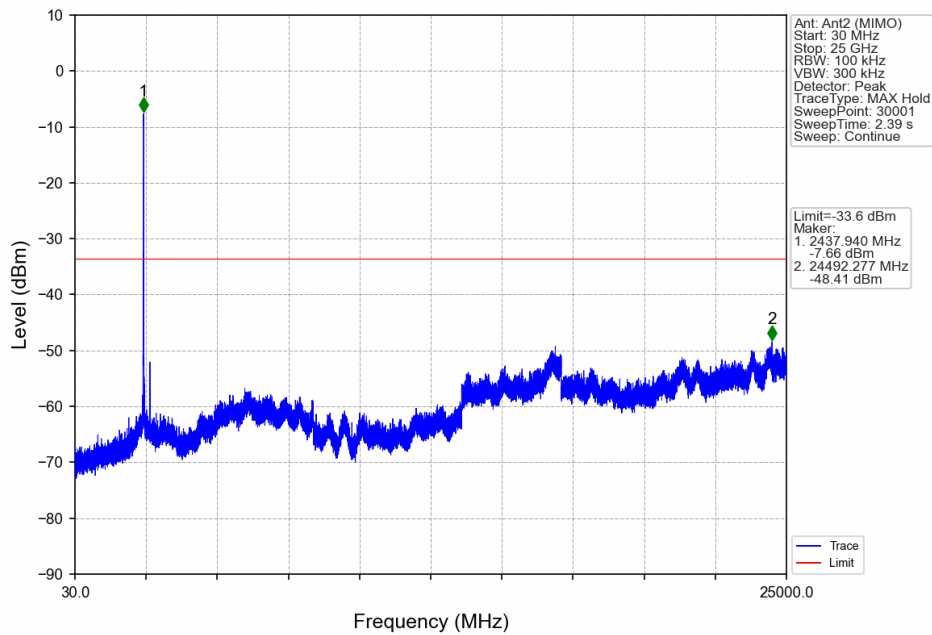
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802.11n(HT20)_MCH_2437MHz_Ant1 (MIMO)_NTNV



802.11n(HT20)_MCH_2437MHz_Ant2 (MIMO)_NTNV



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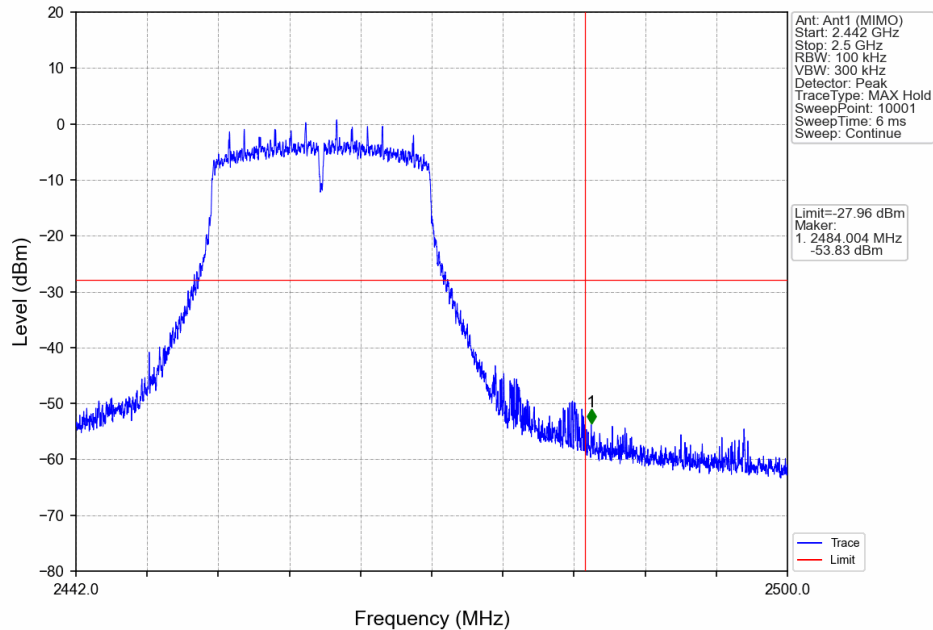
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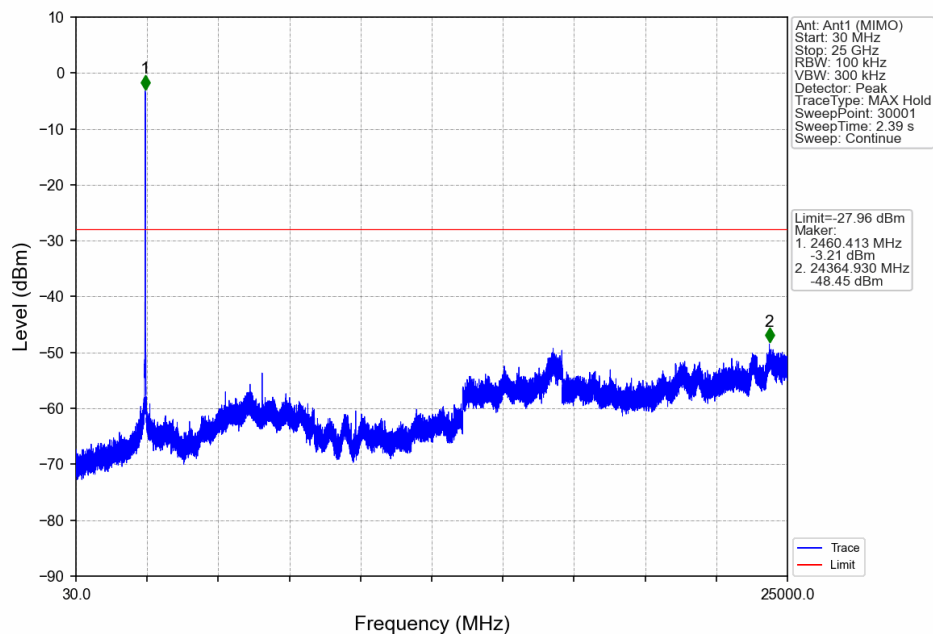
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802.11n(HT20)_HCH_2462MHz_Ant1 (MIMO)_NTNV



802.11n(HT20)_HCH_2462MHz_Ant1 (MIMO)_NTNV



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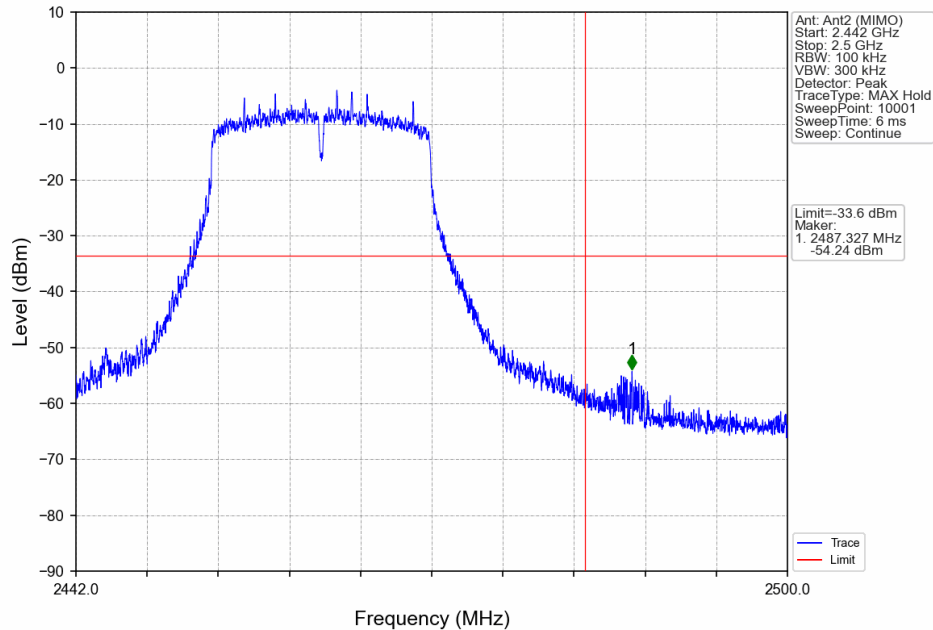
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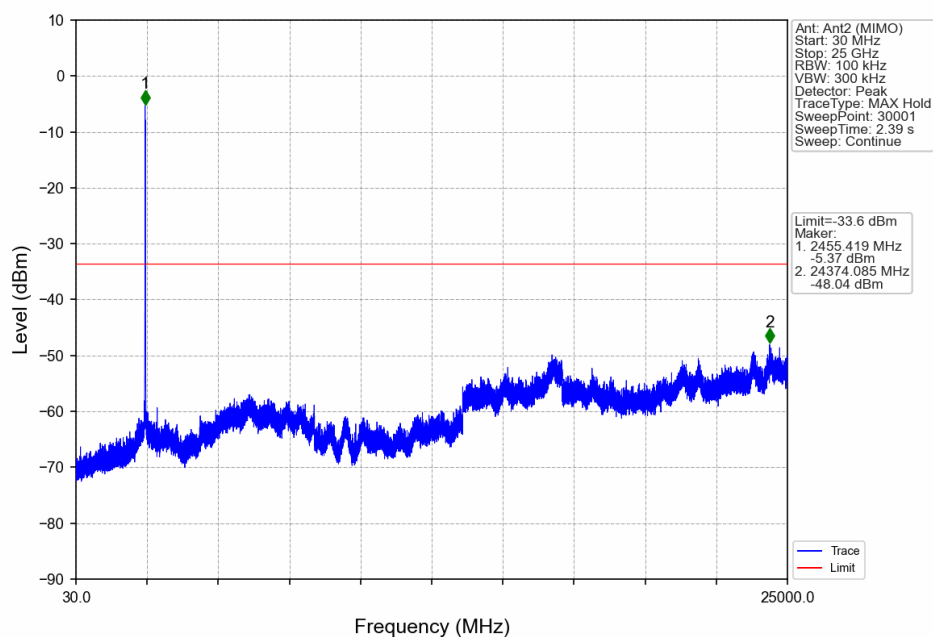
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802.11n(HT20)_HCH_2462MHz_Ant2 (MIMO)_NTNV



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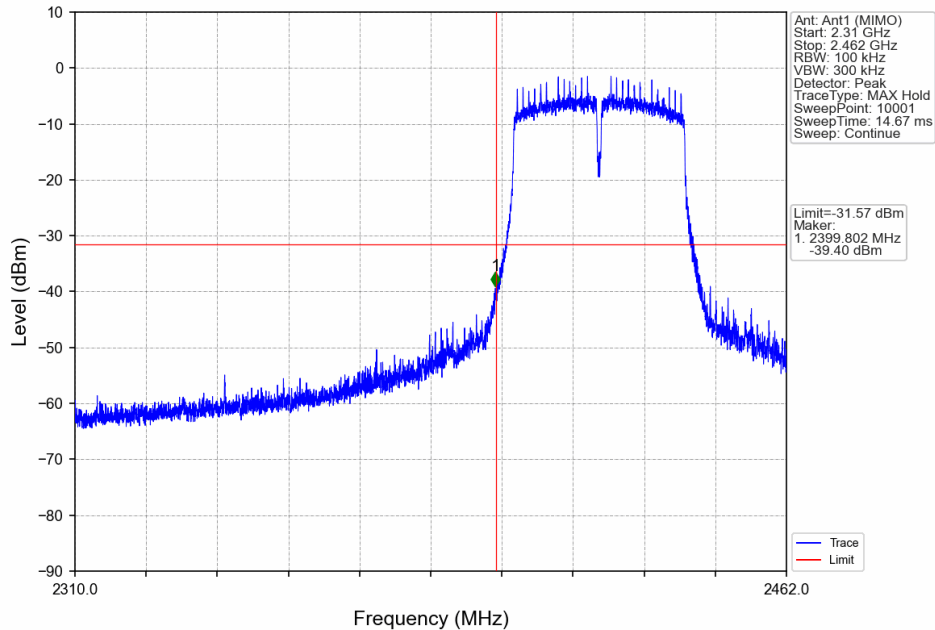
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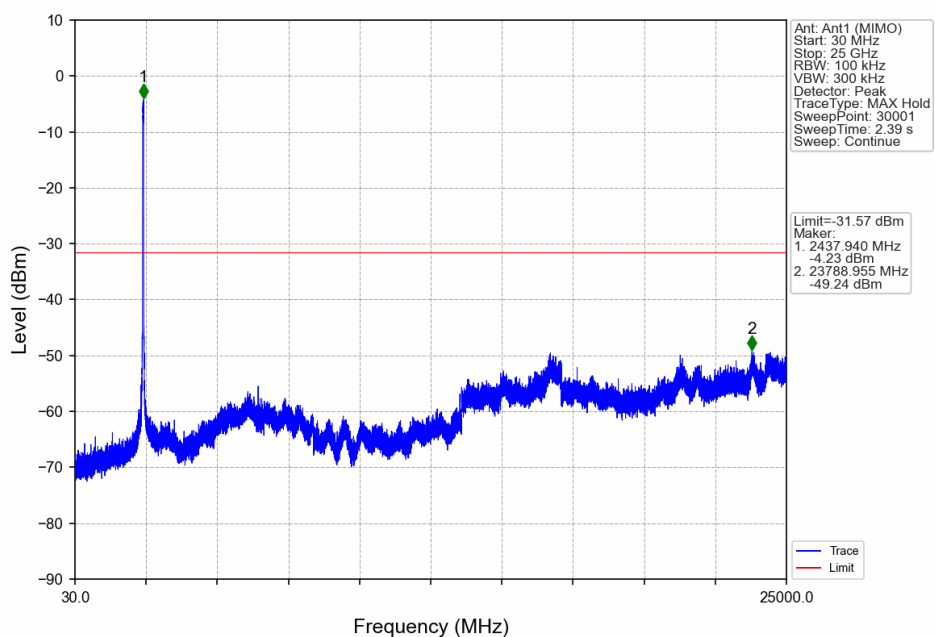
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802.11n(HT40)_LCH_2422MHz_Ant1 (MIMO)_NTNV



802.11n(HT40)_LCH_2422MHz_Ant1 (MIMO)_NTNV



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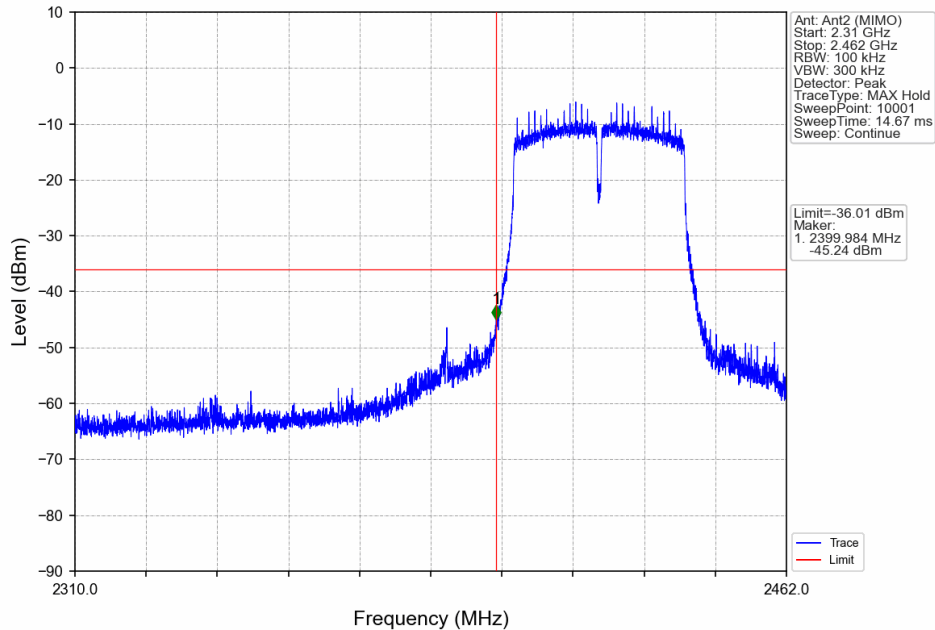
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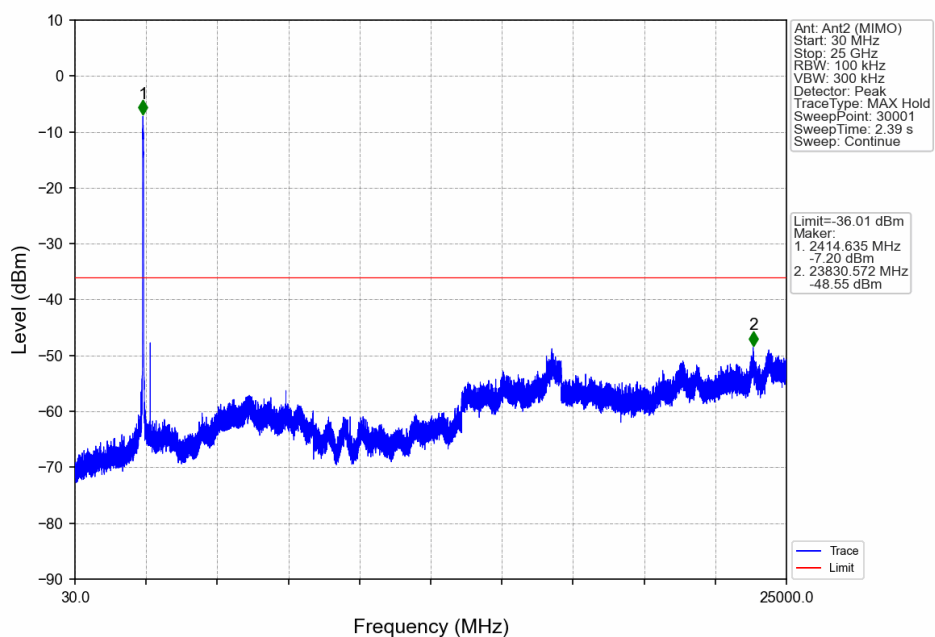
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802.11n(HT40)_LCH_2422MHz_Ant2 (MIMO)_NTNV



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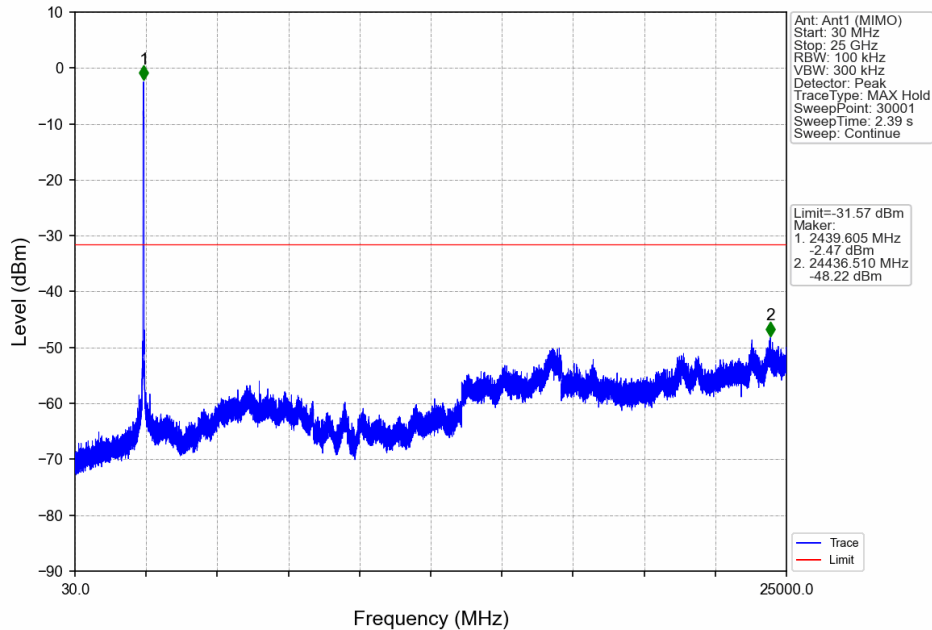
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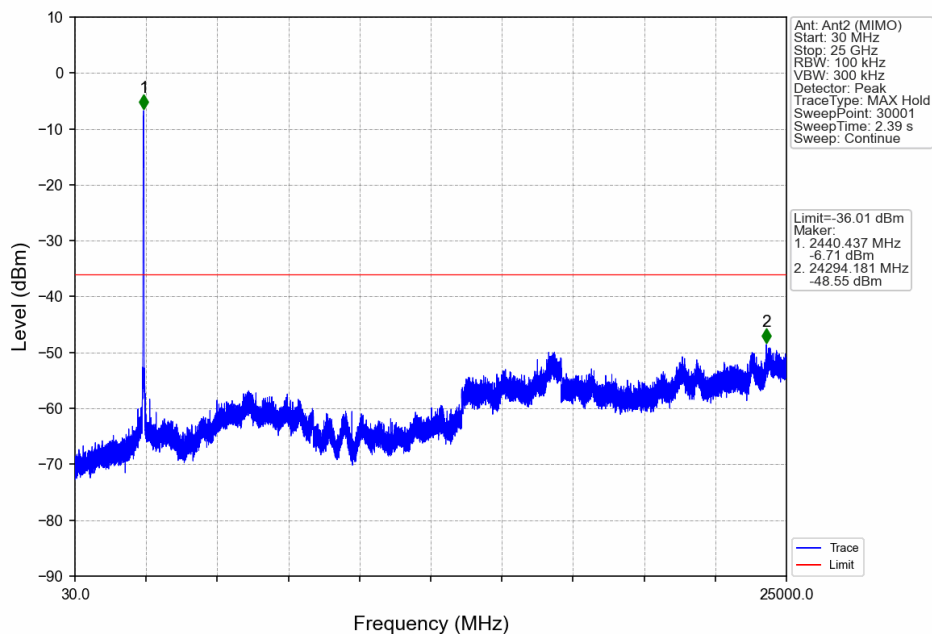
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802.11n(HT40)_MCH_2437MHz_Ant1 (MIMO)_NTNV



802.11n(HT40)_MCH_2437MHz_Ant2 (MIMO)_NTNV



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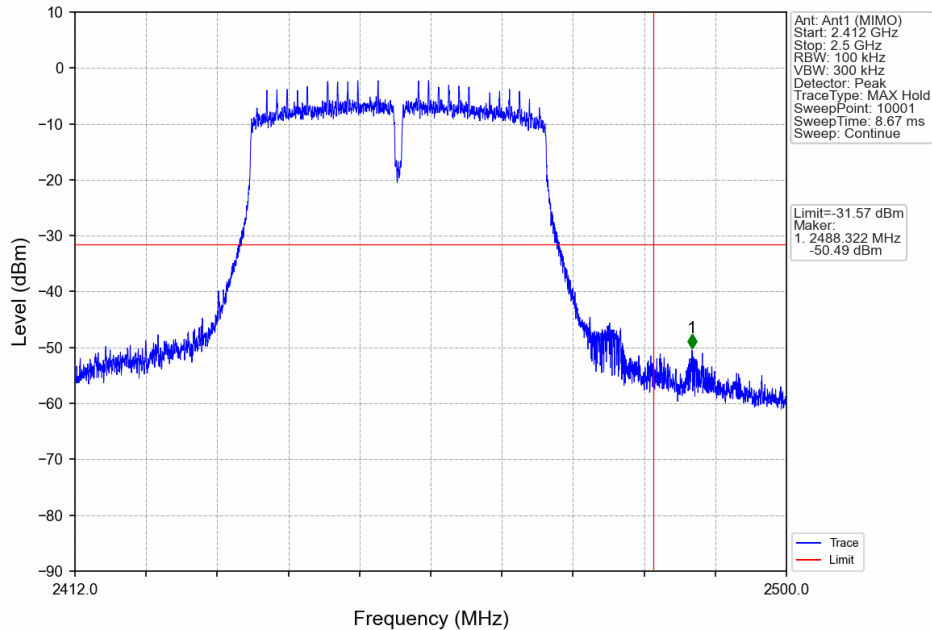
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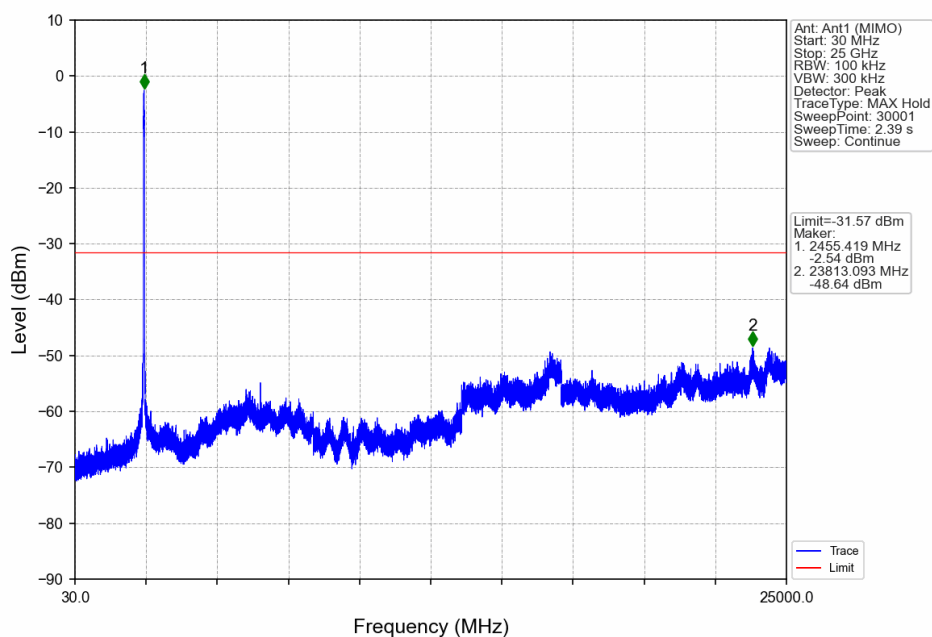
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802.11n(HT40)_HCH_2452MHz_Ant1 (MIMO)_NTNV



802.11n(HT40)_HCH_2452MHz_Ant1 (MIMO)_NTNV



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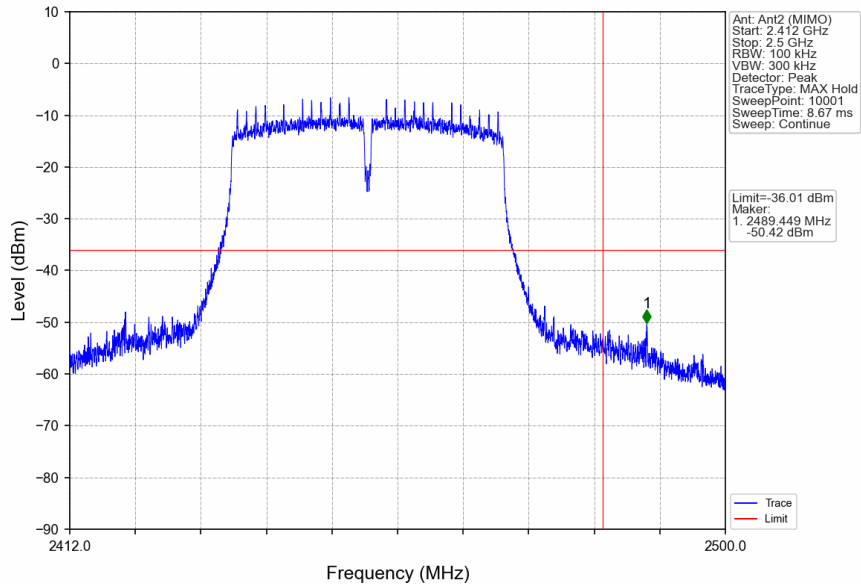
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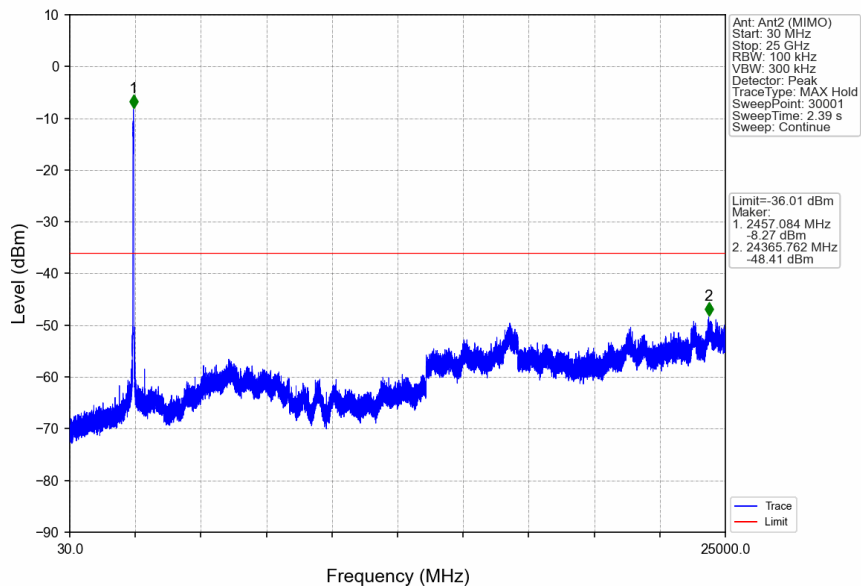
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802.11n(HT40)_HCH_2452MHz_Ant2 (MIMO)_NTNV



802.11n(HT40)_HCH_2452MHz_Ant2 (MIMO)_NTNV



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