

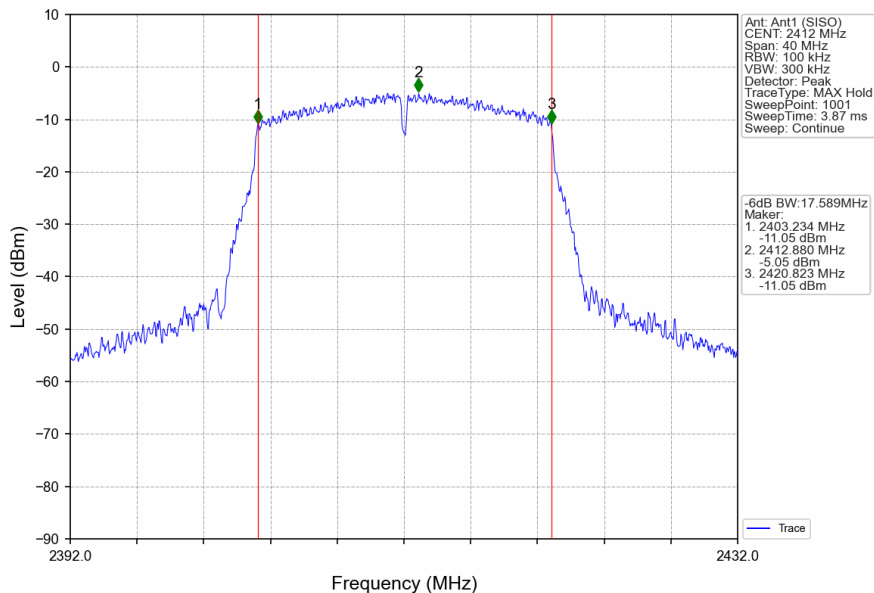
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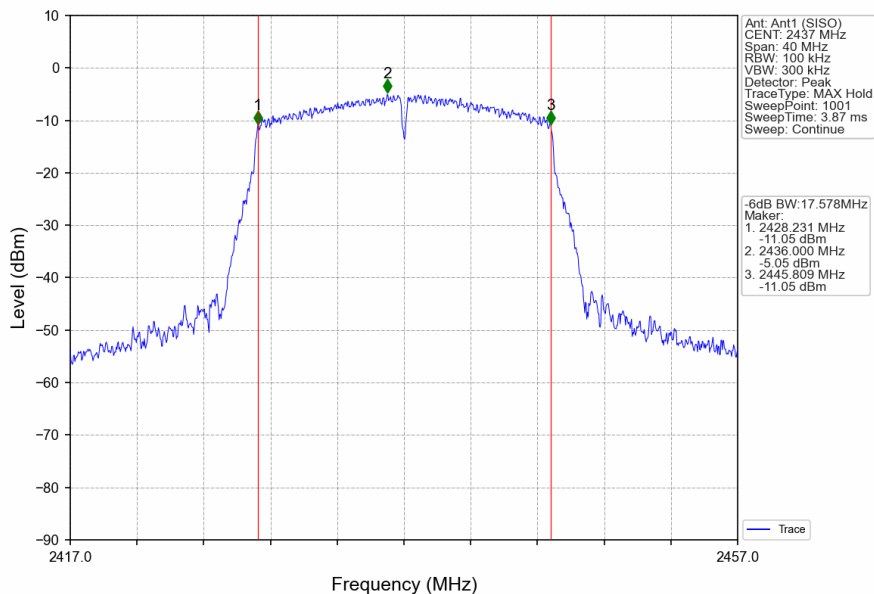
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802.11n(HT20)_LCH_2412MHz_Ant1 (SISO)_NTNV



802.11n(HT20)_MCH_2437MHz_Ant1 (SISO)_NTNV



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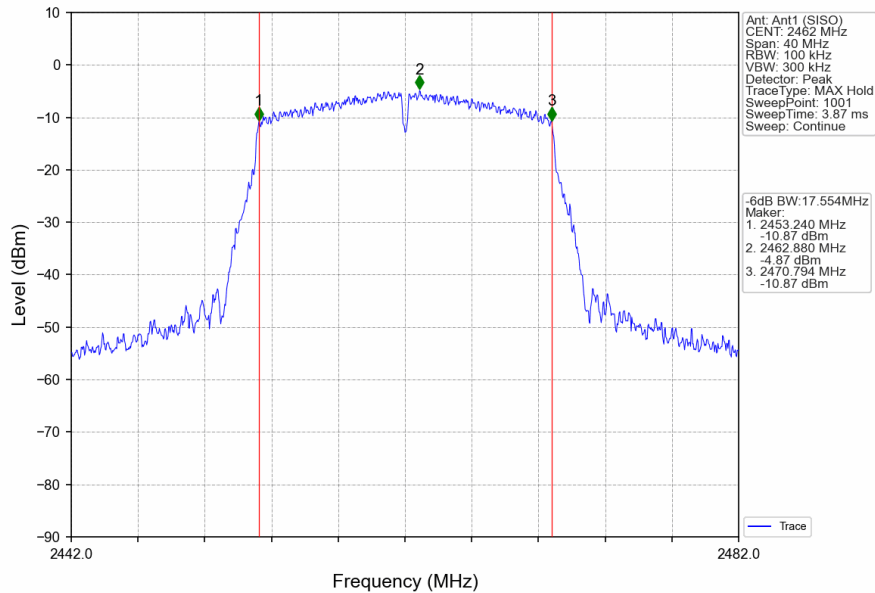
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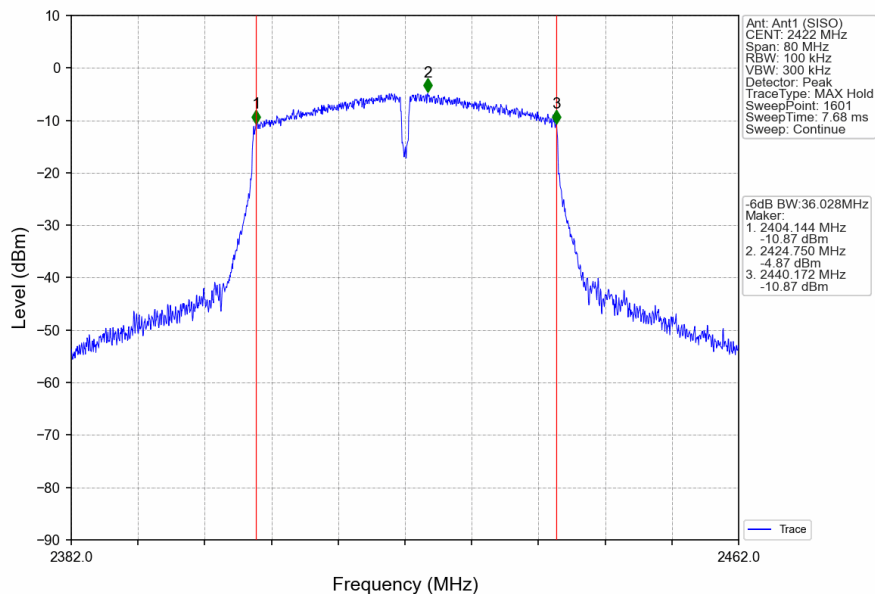
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802.11n(HT20)_HCH_2462MHz_Ant1 (SISO)_NTNV



802.11n(HT40)_LCH_2422MHz_Ant1 (SISO)_NTNV



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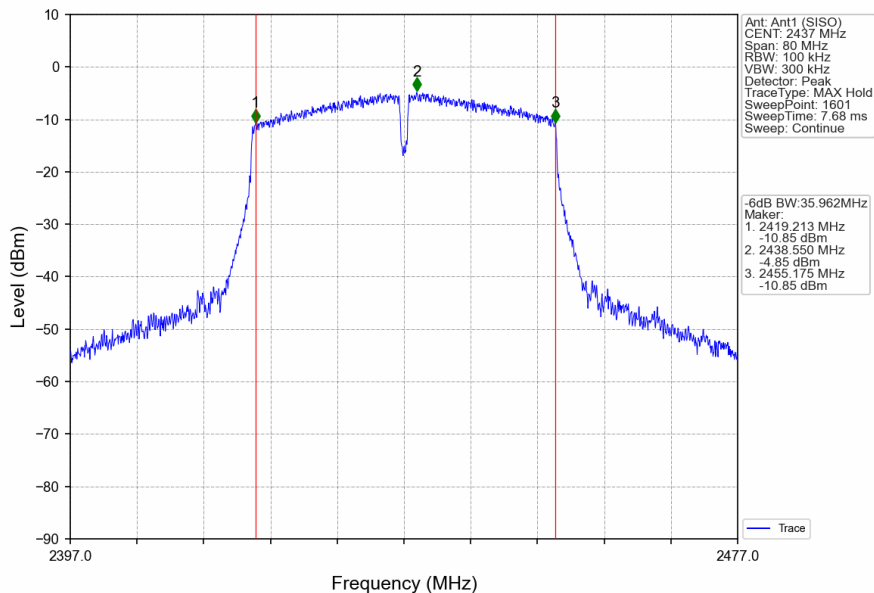
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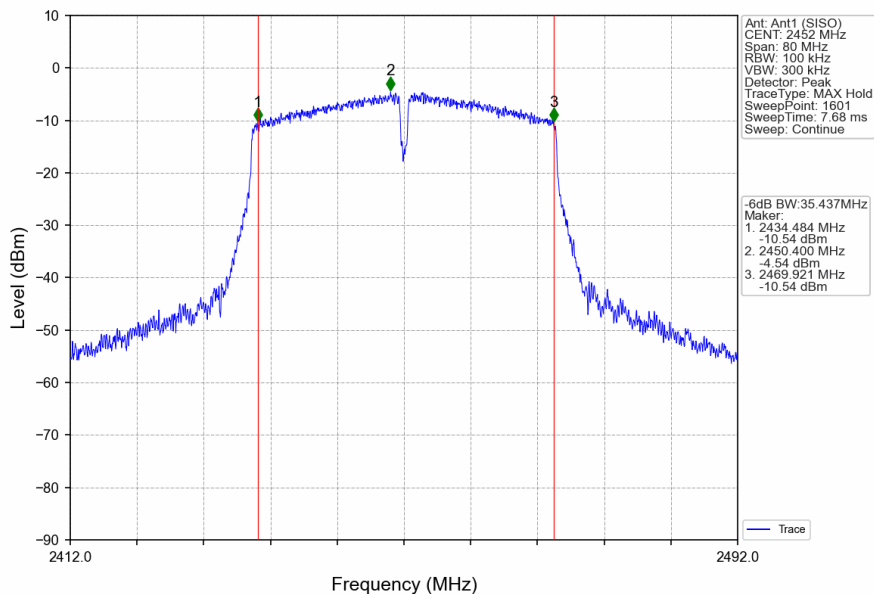
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802.11n(HT40)_MCH_2437MHz_Ant1 (SISO)_NTNV



802.11n(HT40)_HCH_2452MHz_Ant1 (SISO)_NTNV



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3. Maximum Conducted Output Power

3.1 Power

3.1.1 Test Result

Mode	TX Type	Frequency (MHz)	Maximum Average Conducted Output Power (dBm)		Verdict
			ANT1	Limit	
802.11b	SISO	2412	6.08	<=30	Pass
		2437	6.21	<=30	Pass
		2462	7.35	<=30	Pass
802.11g	SISO	2412	6.75	<=30	Pass
		2437	6.76	<=30	Pass
		2462	6.76	<=30	Pass
802.11n (HT20)	SISO	2412	7.81	<=30	Pass
		2437	7.77	<=30	Pass
		2462	7.75	<=30	Pass
802.11n (HT40)	SISO	2422	10.88	<=30	Pass
		2437	10.77	<=30	Pass
		2452	10.84	<=30	Pass

Note1: Antenna Gain: Ant1: 5.00dBi;



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4. Maximum Power Spectral Density

4.1 PSD

4.1.1 Test Result

Mode	TX Type	Frequency (MHz)	Maximum PSD (dBm/3kHz)		Verdict
			ANT1	Limit	
802.11b	SISO	2412	-16.96	<=8	Pass
		2437	-15.20	<=8	Pass
		2462	-15.53	<=8	Pass
802.11g	SISO	2412	-17.59	<=8	Pass
		2437	-18.40	<=8	Pass
		2462	-17.74	<=8	Pass
802.11n (HT20)	SISO	2412	-16.51	<=8	Pass
		2437	-16.85	<=8	Pass
		2462	-16.47	<=8	Pass
802.11n (HT40)	SISO	2422	-16.22	<=8	Pass
		2437	-16.79	<=8	Pass
		2452	-16.80	<=8	Pass

Note1: Antenna Gain: Ant1: 5.00dBi;



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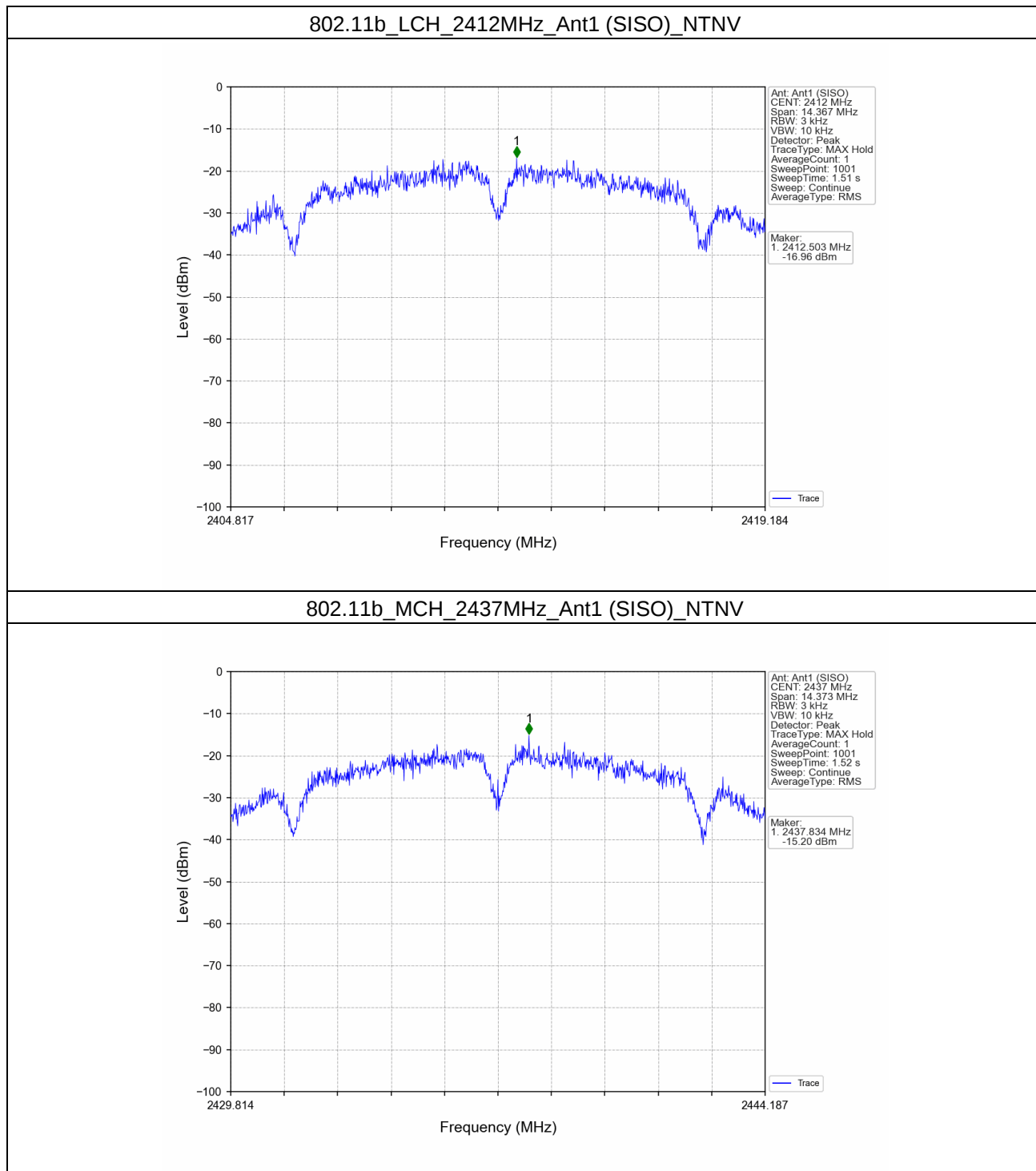
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4.1.2 Test Graph



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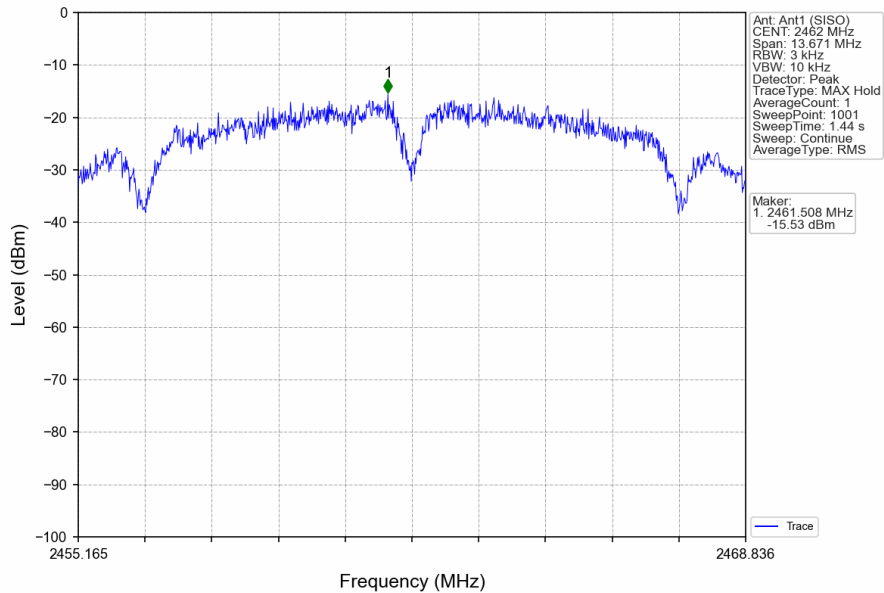
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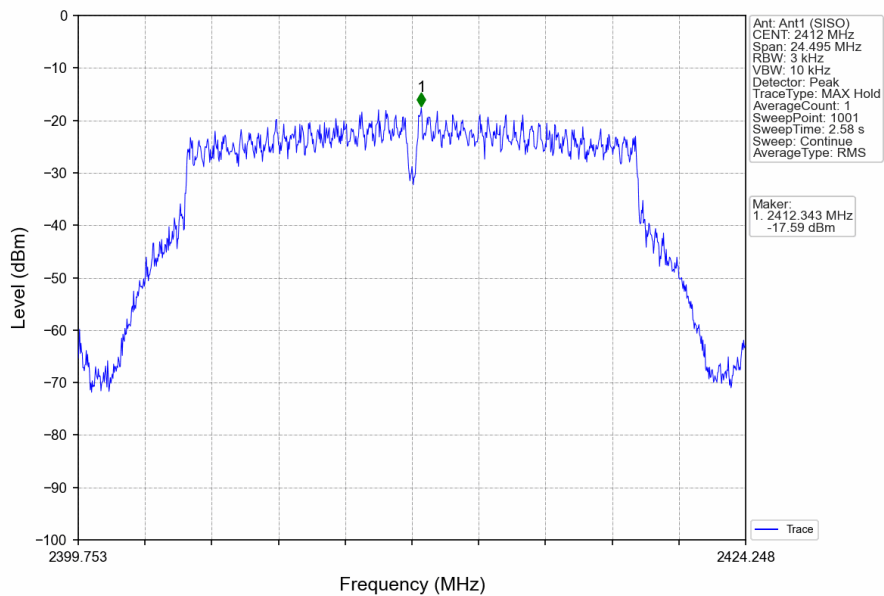
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802.11b_HCH_2462MHz_Ant1 (SISO)_NTNV



802.11g_LCH_2412MHz_Ant1 (SISO)_NTNV



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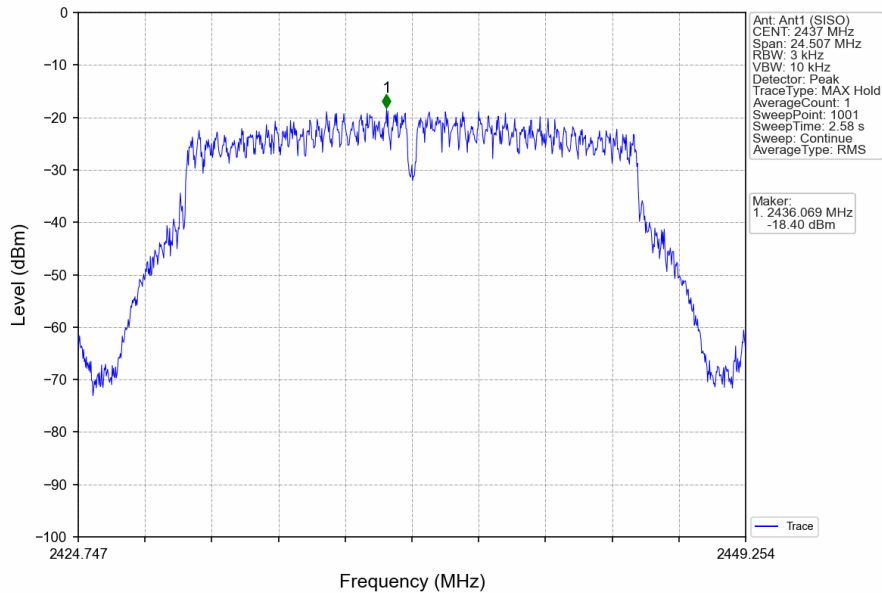
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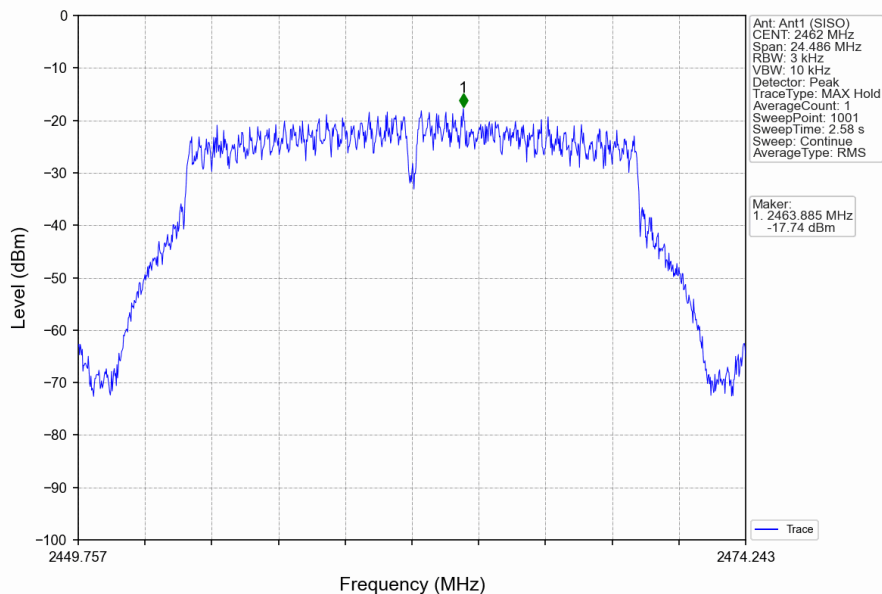
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802.11g_HCH_2462MHz_Ant1 (SISO)_NTNV



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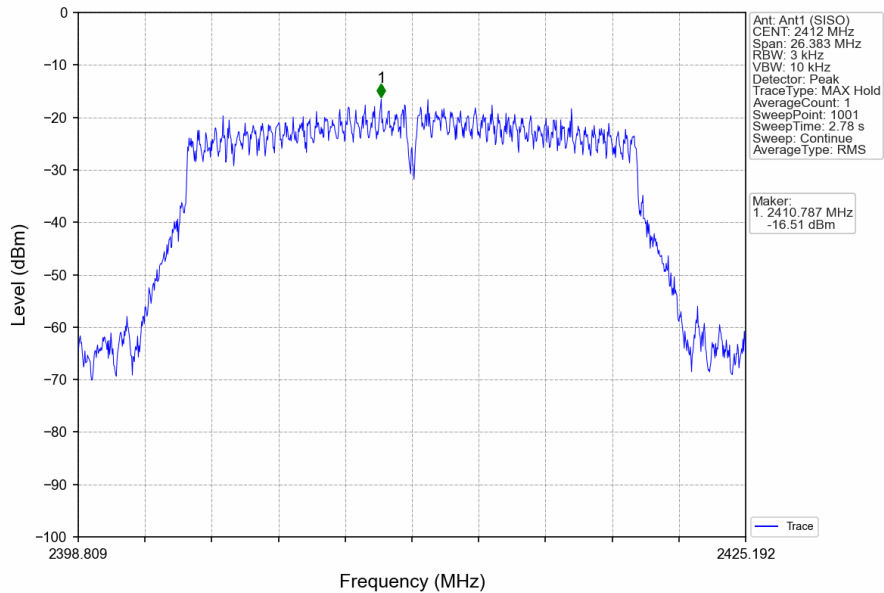
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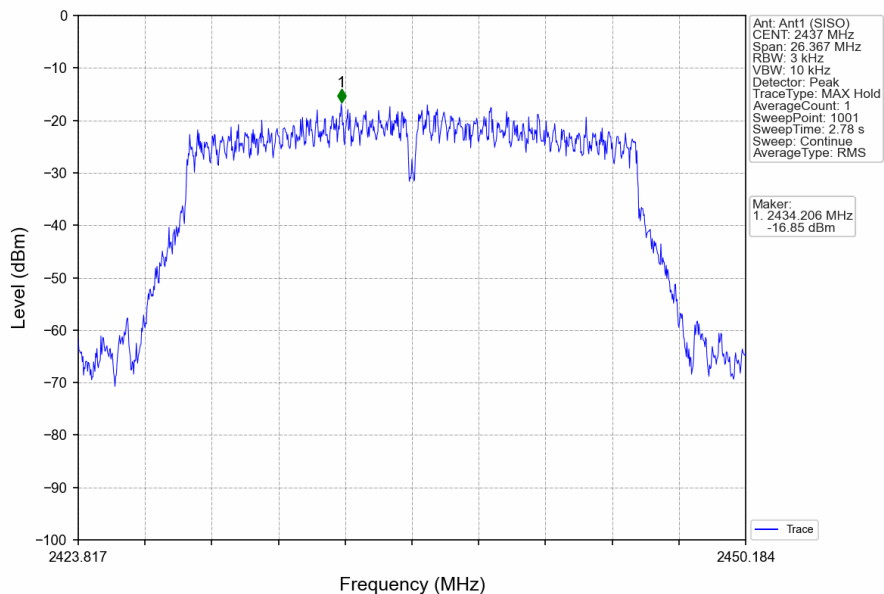
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802.11n(HT20)_MCH_2437MHz_Ant1 (SISO)_NTNV



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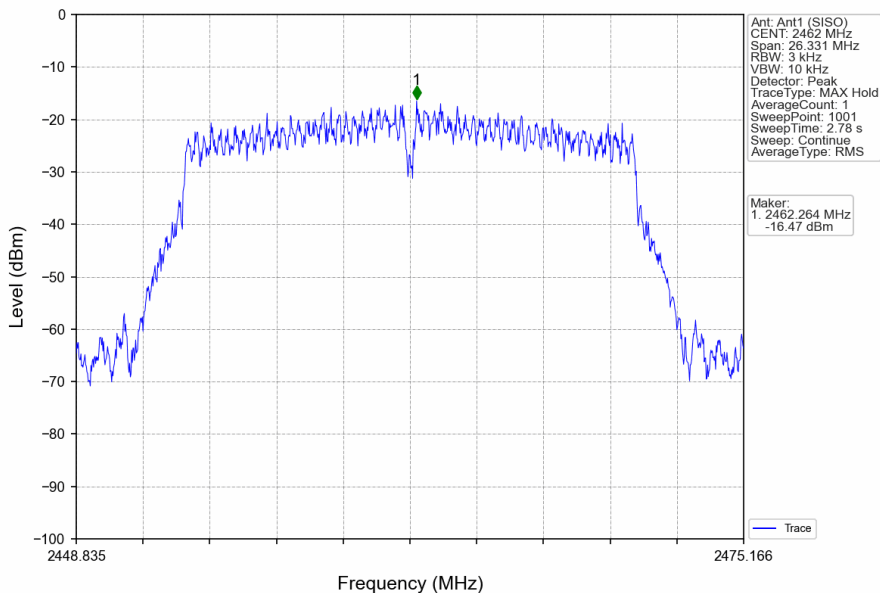
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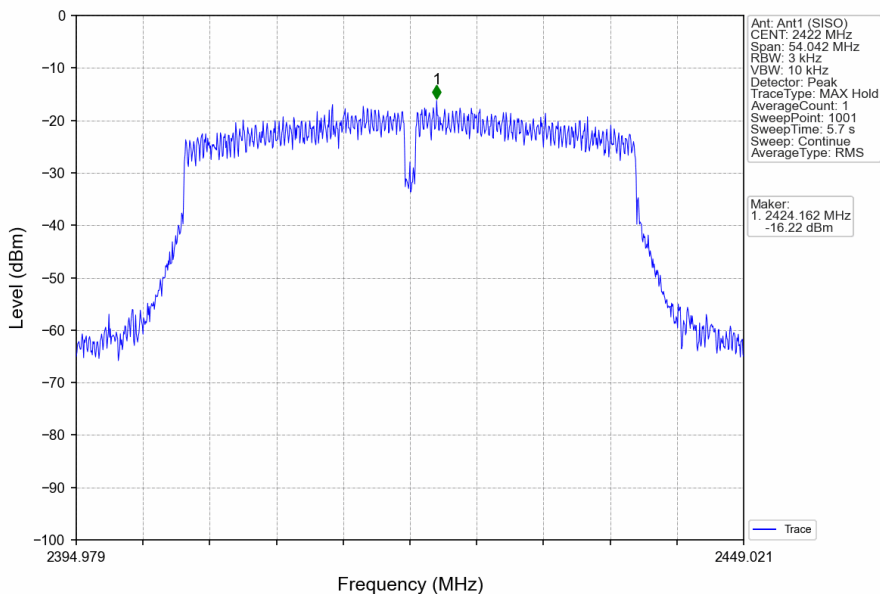
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802.11n(HT40)_LCH_2422MHz_Ant1 (SISO)_NTNV



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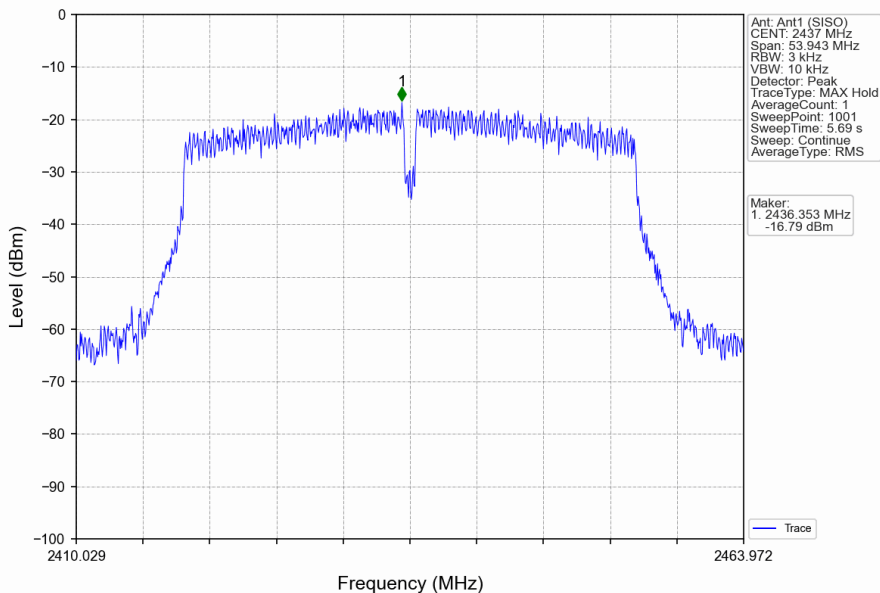
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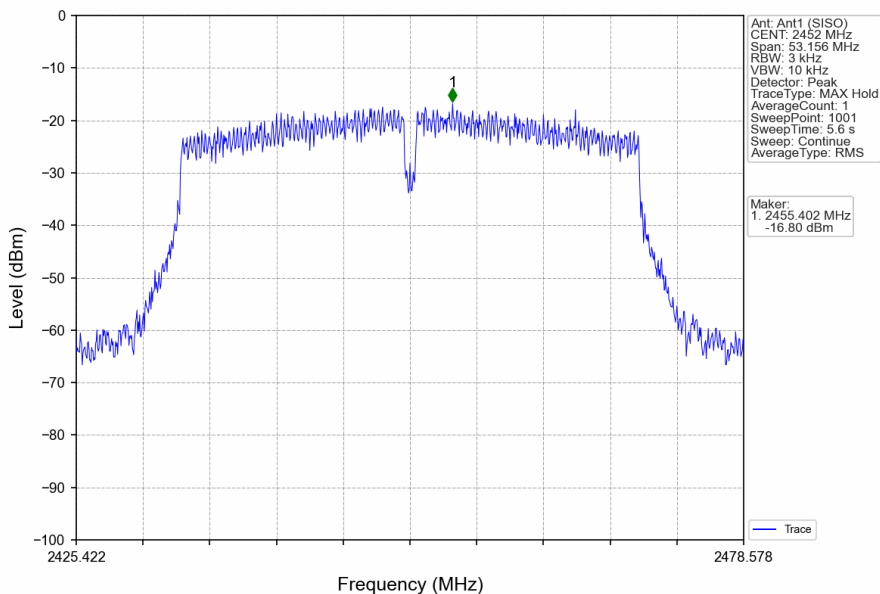
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5. Unwanted Emissions In Non-restricted Frequency Bands

5.1 Ref

5.1.1 Test Result

Mode	TX Type	Frequency (MHz)	ANT	Level of Reference (dBm)
802.11b	SISO	2412	1	-2.43
		2437	1	-2.20
		2462	1	-1.19
802.11g	SISO	2412	1	-5.70
		2437	1	-5.73
		2462	1	-5.95
802.11n (HT20)	SISO	2412	1	-4.91
		2437	1	-5.26
		2462	1	-5.34
802.11n (HT40)	SISO	2422	1	-4.78
		2437	1	-4.82
		2452	1	-5.13

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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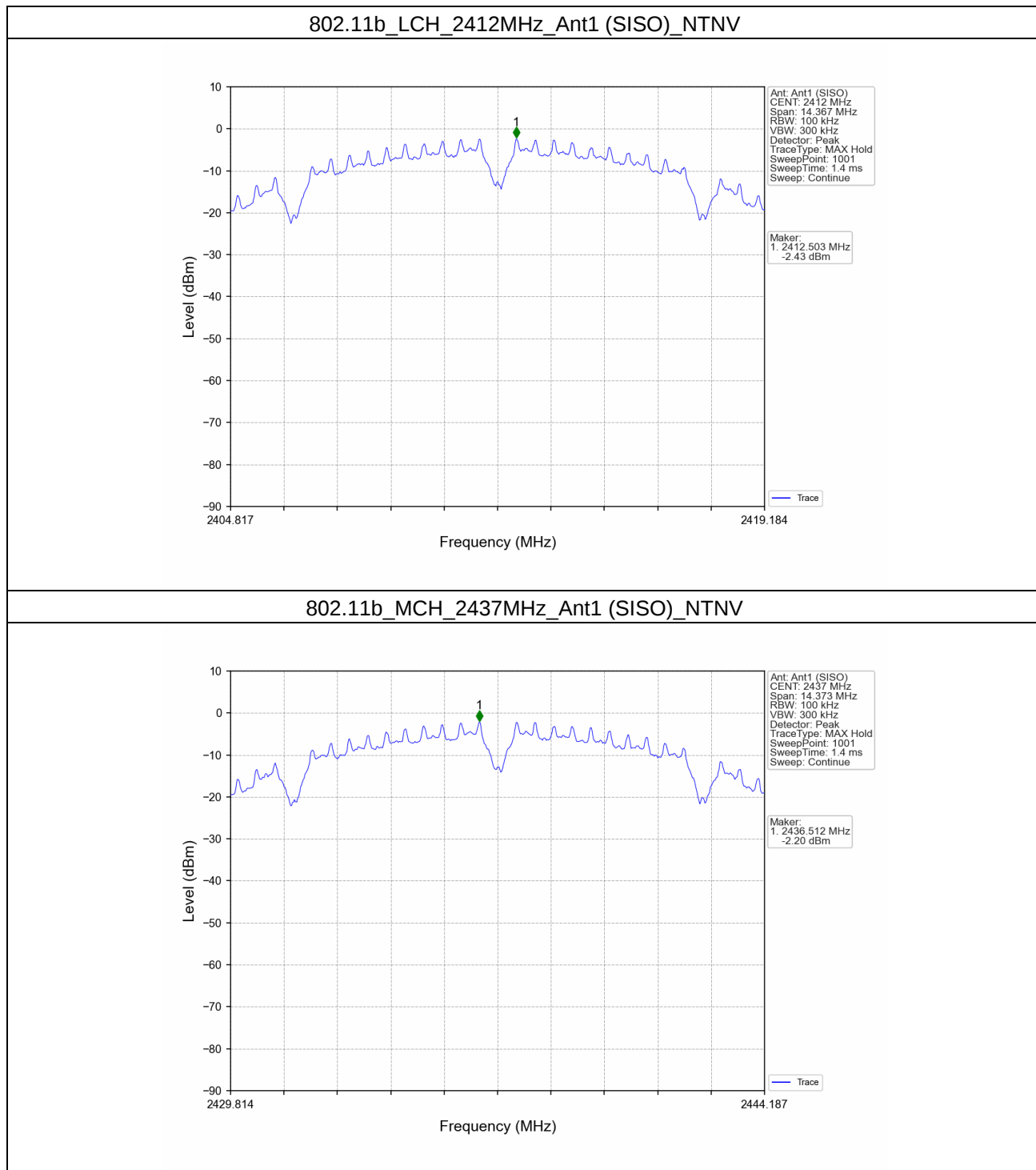
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5.1.2 Test Graph



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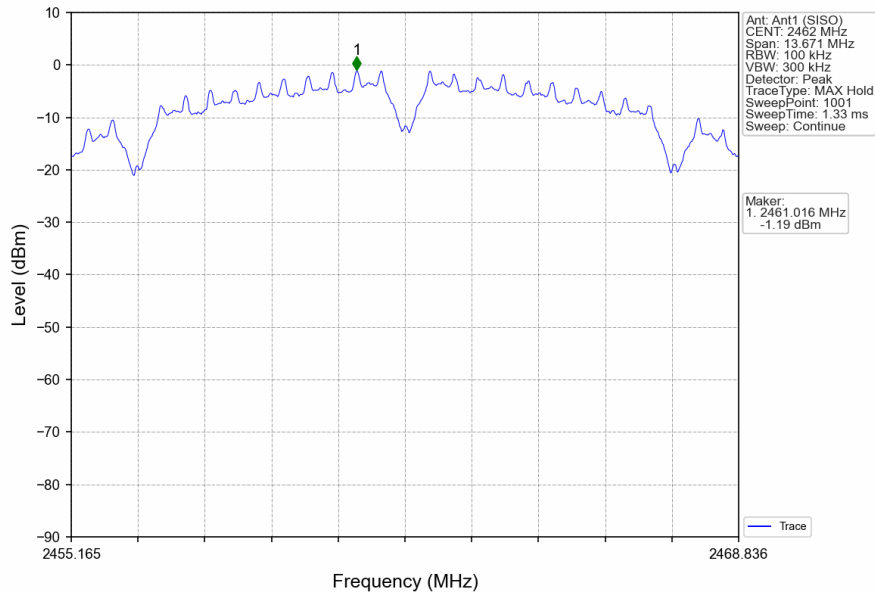
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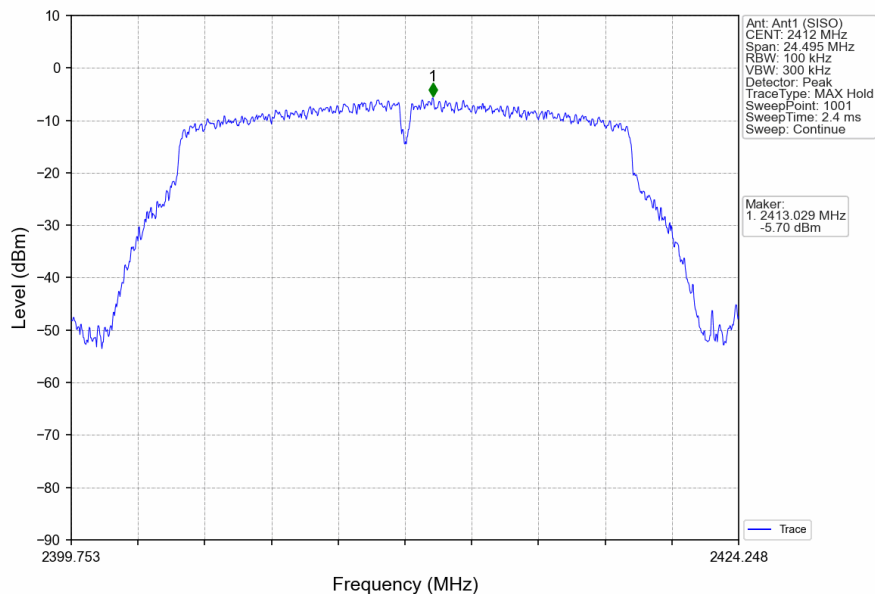
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802.11b_HCH_2462MHz_Ant1 (SISO)_NTNV



802.11g_LCH_2412MHz_Ant1 (SISO)_NTNV



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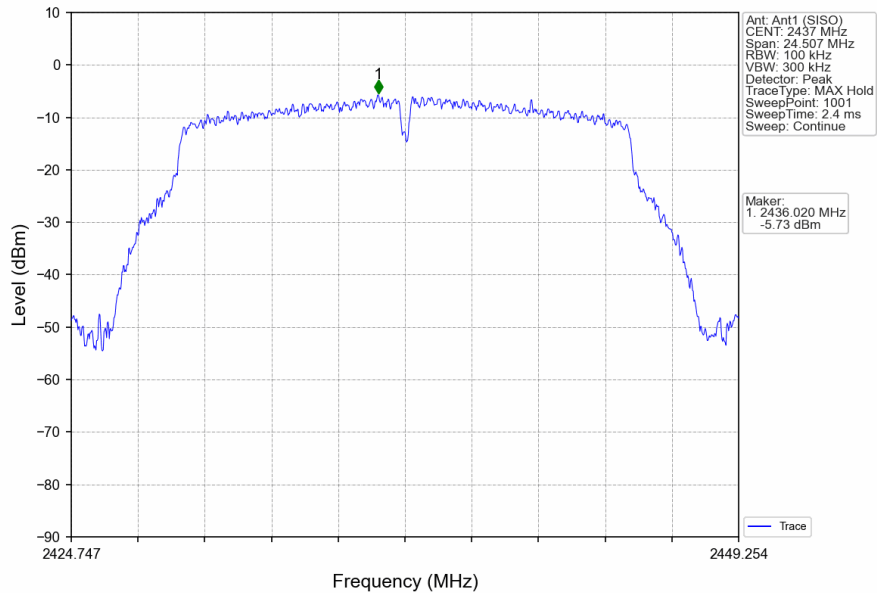
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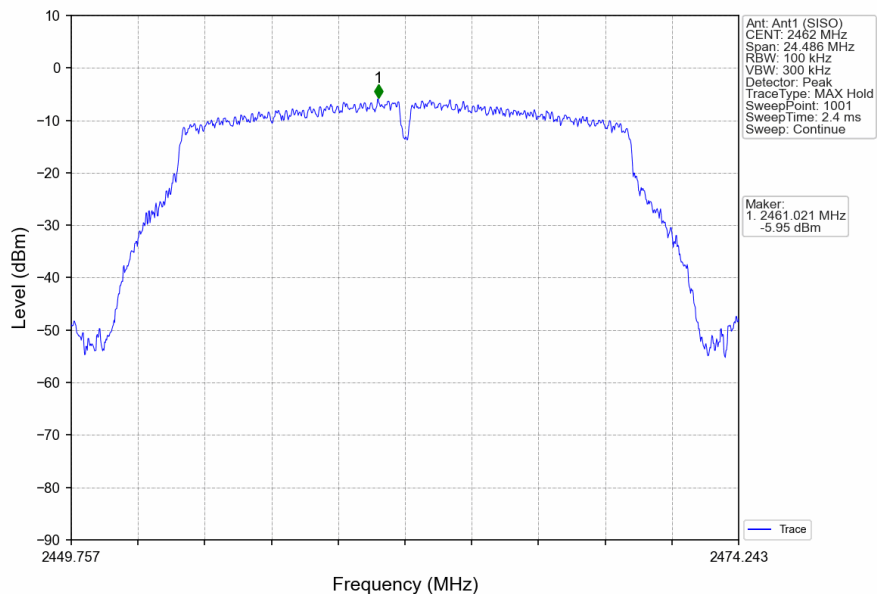
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802.11g_MCH_2437MHz_Ant1 (SISO)_NTNV



802.11g_HCH_2462MHz_Ant1 (SISO)_NTNV



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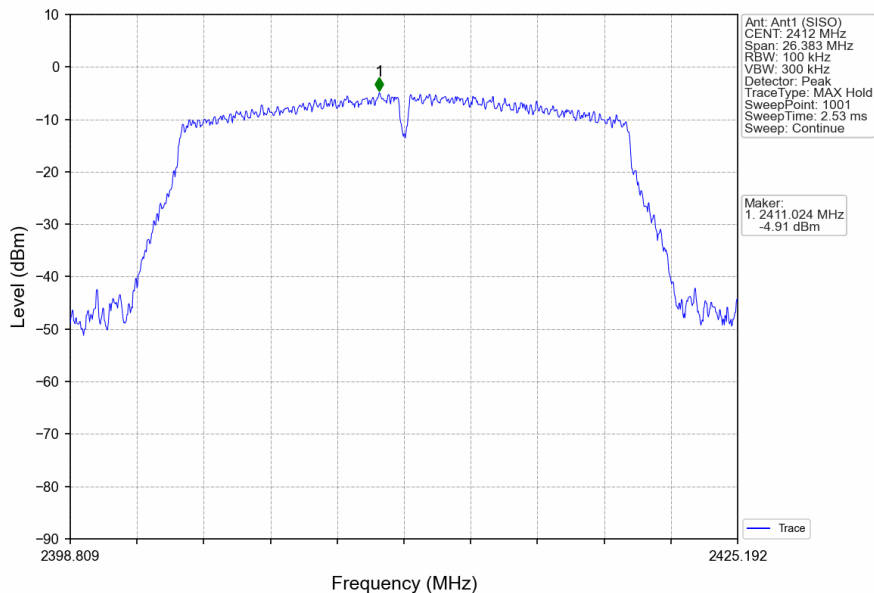
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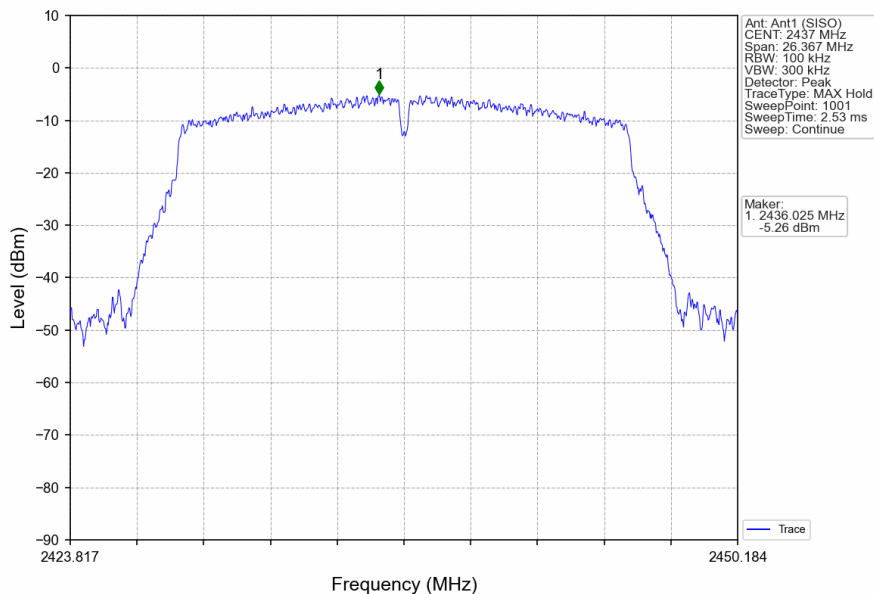
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802.11n(HT20)_LCH_2412MHz_Ant1 (SISO)_NTNV



802.11n(HT20)_MCH_2437MHz_Ant1 (SISO)_NTNV



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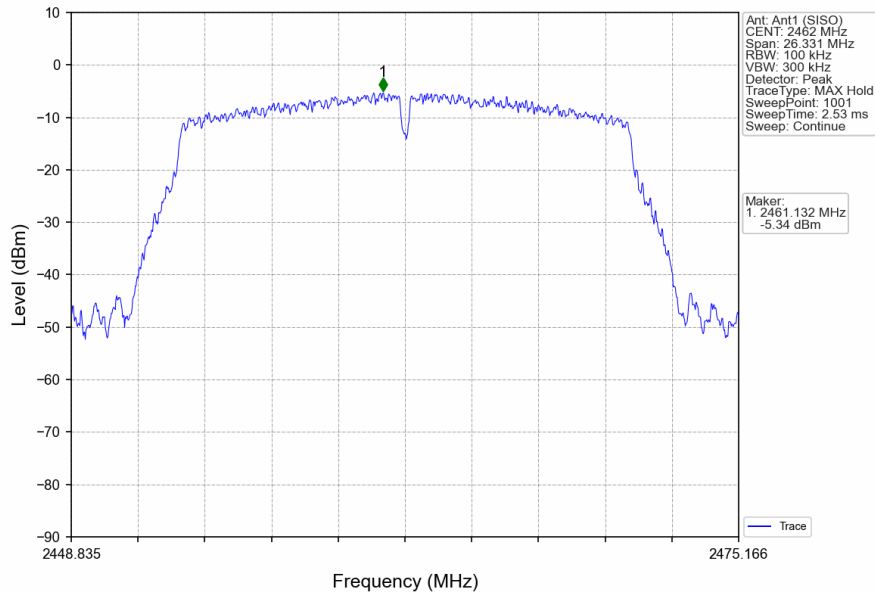
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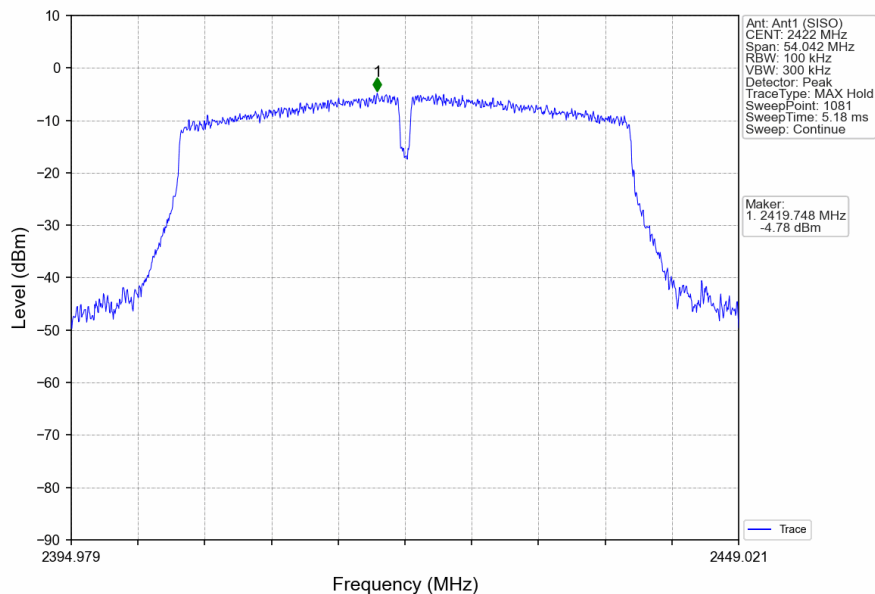
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802.11n(HT20)_HCH_2462MHz_Ant1 (SISO)_NTNV



802.11n(HT40)_LCH_2422MHz_Ant1 (SISO)_NTNV



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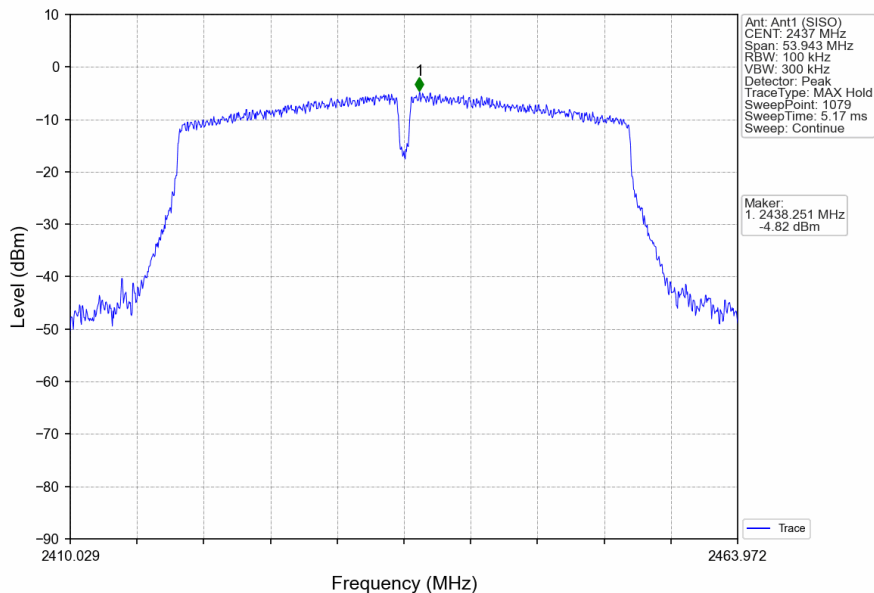
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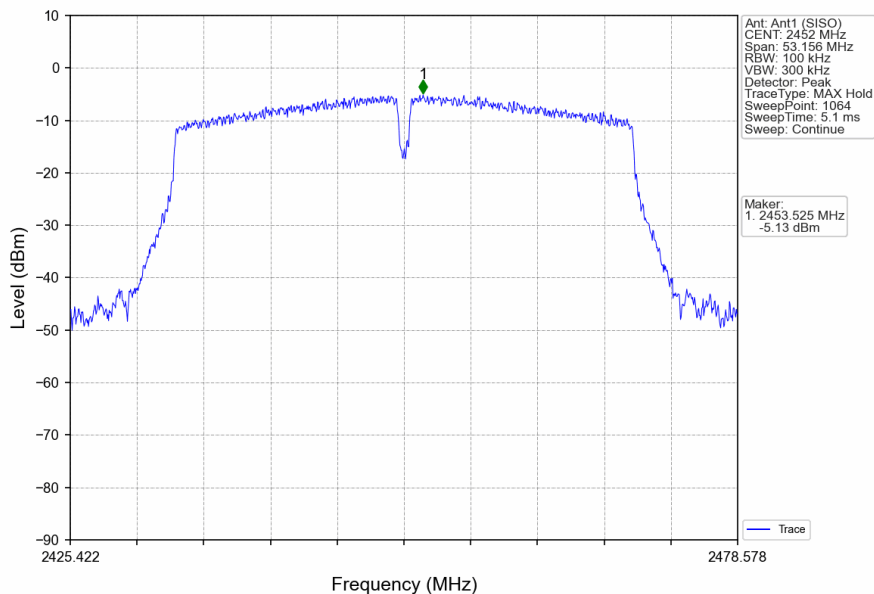
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802.11n(HT40)_MCH_2437MHz_Ant1 (SISO)_NTNV



802.11n(HT40)_HCH_2452MHz_Ant1 (SISO)_NTNV



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5.2 CSE

5.2.1 Test Result

Mode	TX Type	Frequency (MHz)	ANT	Level of Reference (dBm)	Limit (dBm)	Verdict
802.11b	SISO	2412	1	-1.19	-31.19	Pass
		2437	1	-1.19	-31.19	Pass
		2462	1	-1.19	-31.19	Pass
802.11g	SISO	2412	1	-5.70	-35.70	Pass
		2437	1	-5.70	-35.70	Pass
		2462	1	-5.70	-35.70	Pass
802.11n (HT20)	SISO	2412	1	-4.91	-34.91	Pass
		2437	1	-4.91	-34.91	Pass
		2462	1	-4.91	-34.91	Pass
802.11n (HT40)	SISO	2422	1	-4.78	-34.78	Pass
		2437	1	-4.78	-34.78	Pass
		2452	1	-4.78	-34.78	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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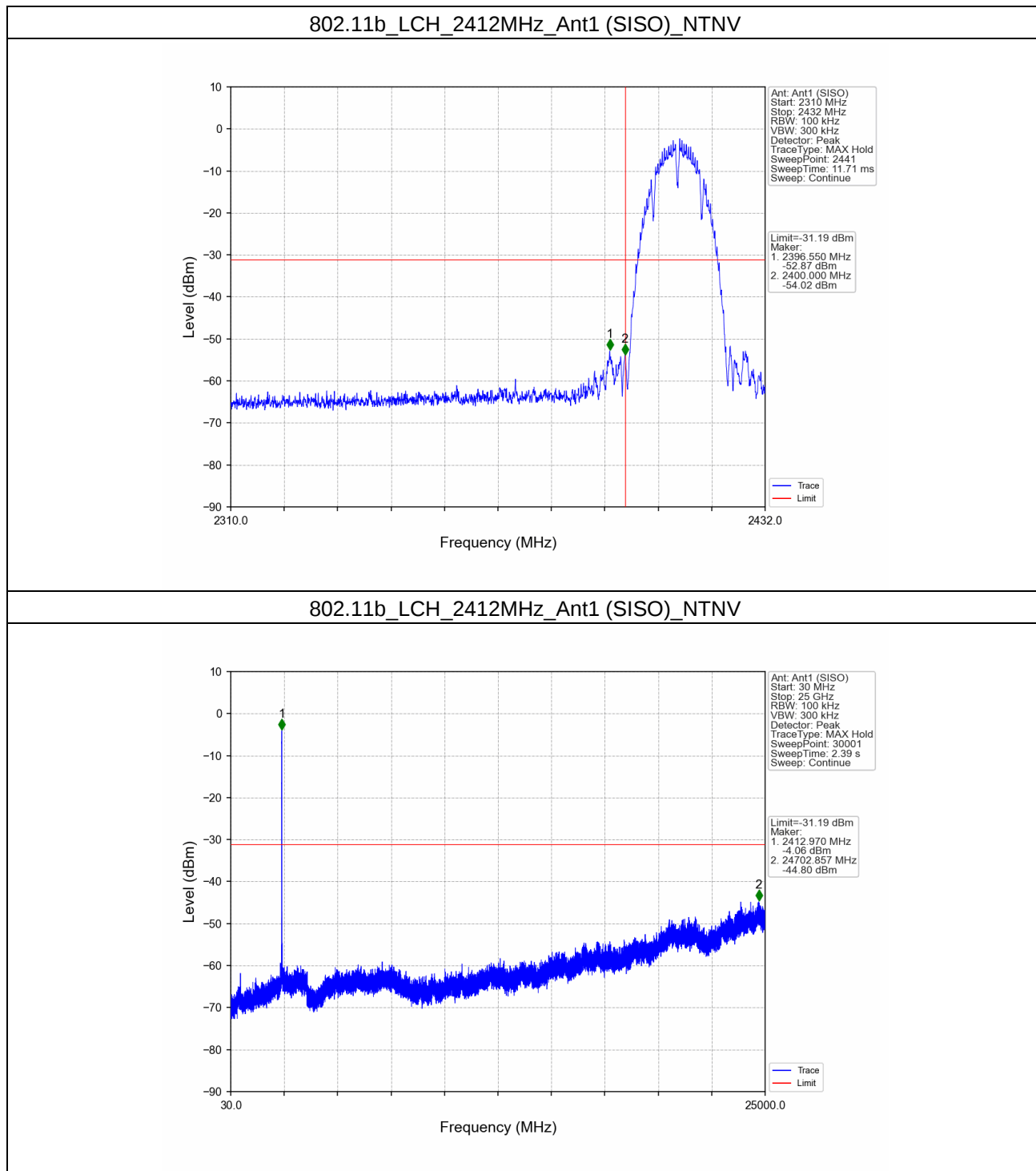
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5.2.2 Test Graph



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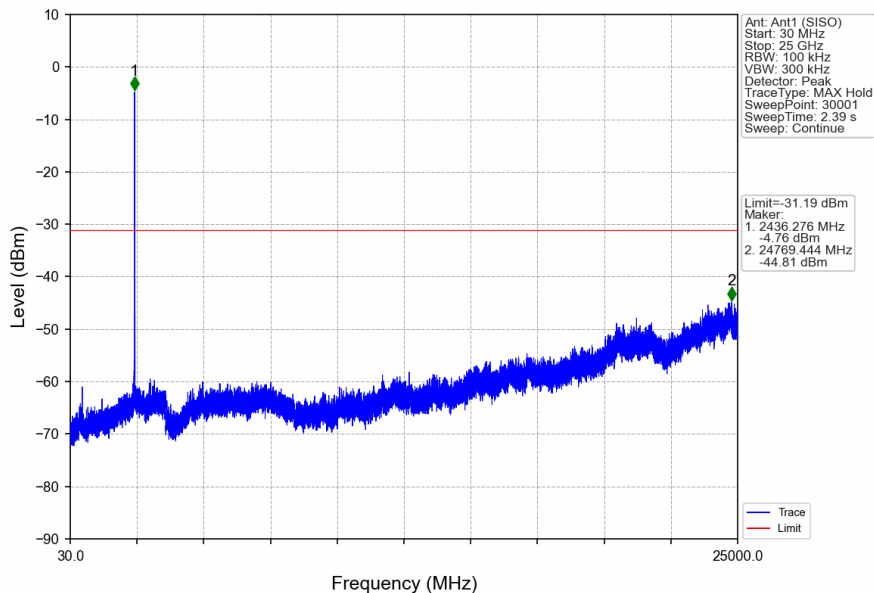
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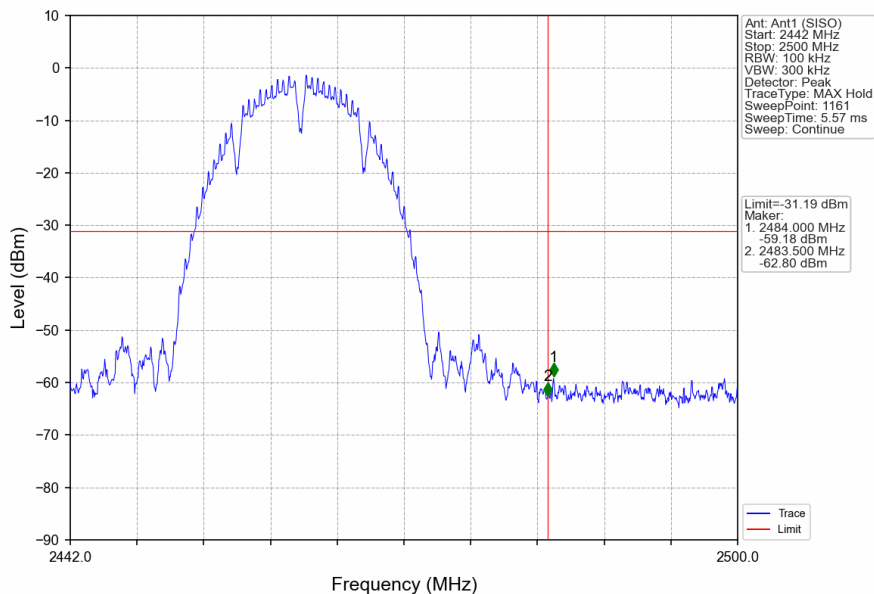
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802.11b_MCH_2437MHz_Ant1 (SISO)_NTNV



802.11b_HCH_2462MHz_Ant1 (SISO)_NTNV



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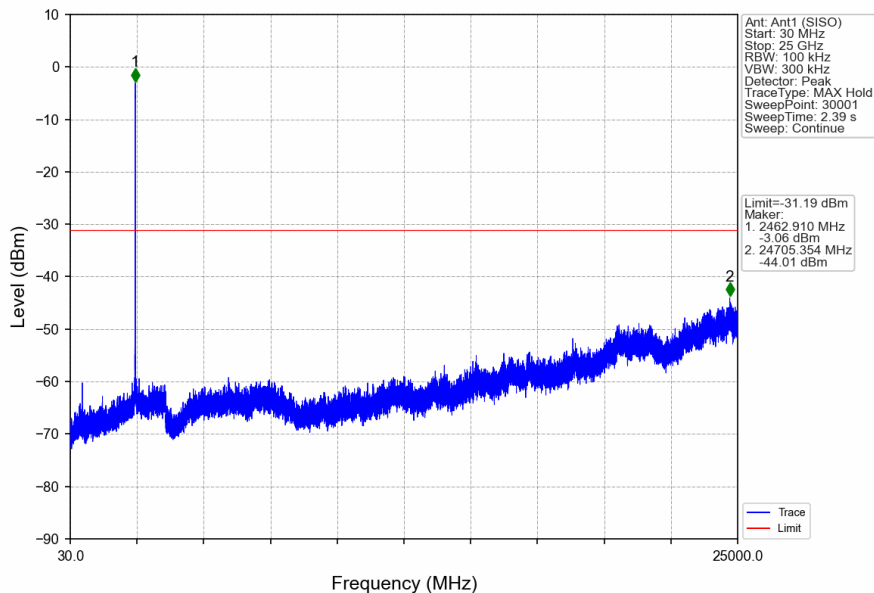
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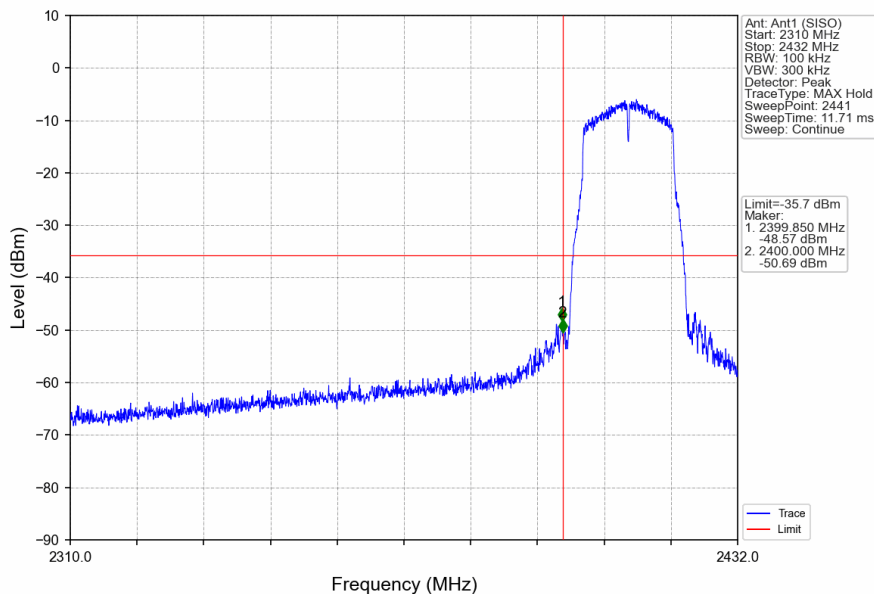
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802.11b_HCH_2462MHz_Ant1 (SISO)_NTNV



802.11g_LCH_2412MHz_Ant1 (SISO)_NTNV



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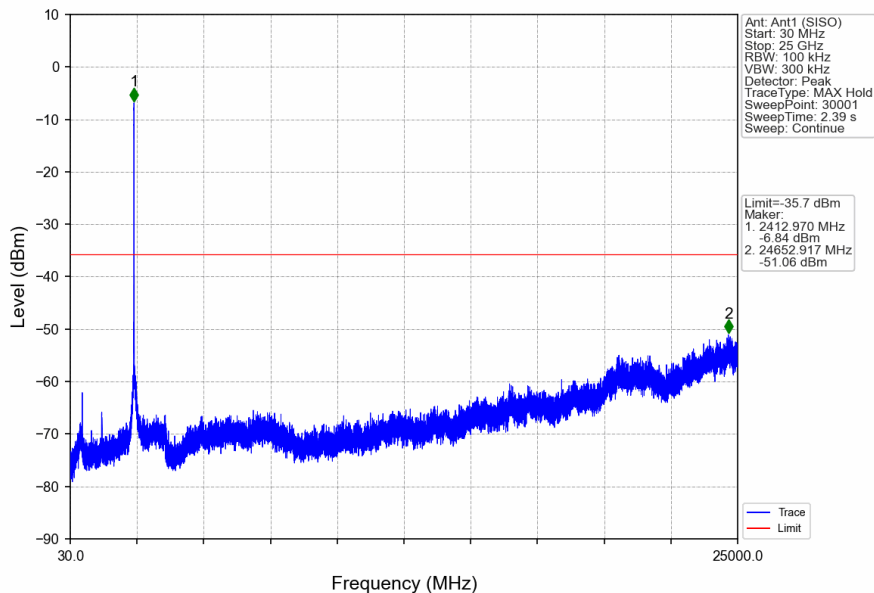
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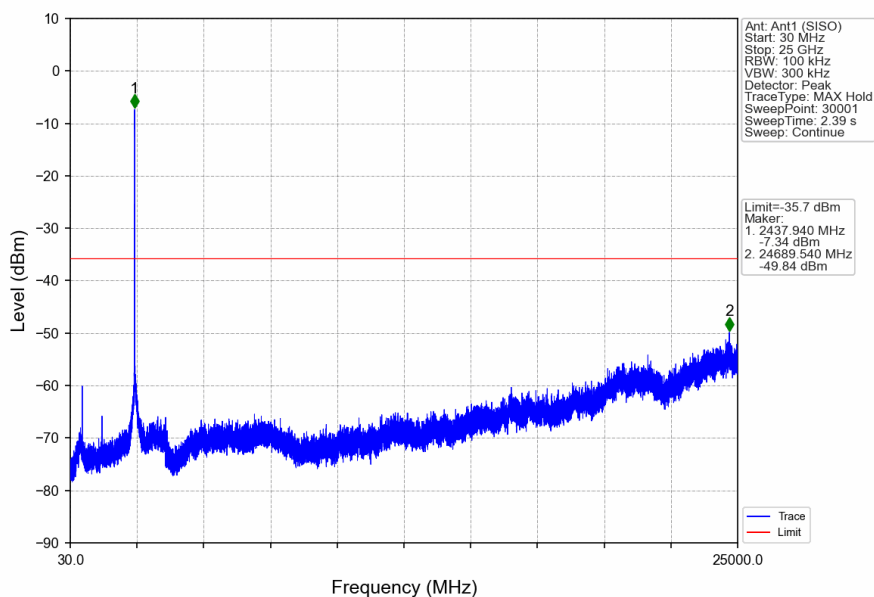
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802.11g_LCH_2412MHz_Ant1 (SISO)_NTNV



802.11g_MCH_2437MHz_Ant1 (SISO)_NTNV



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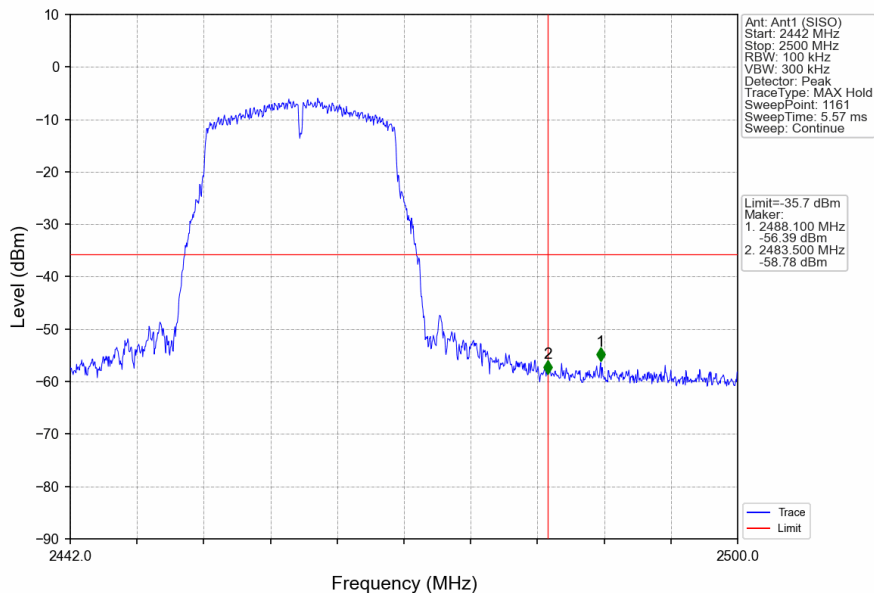
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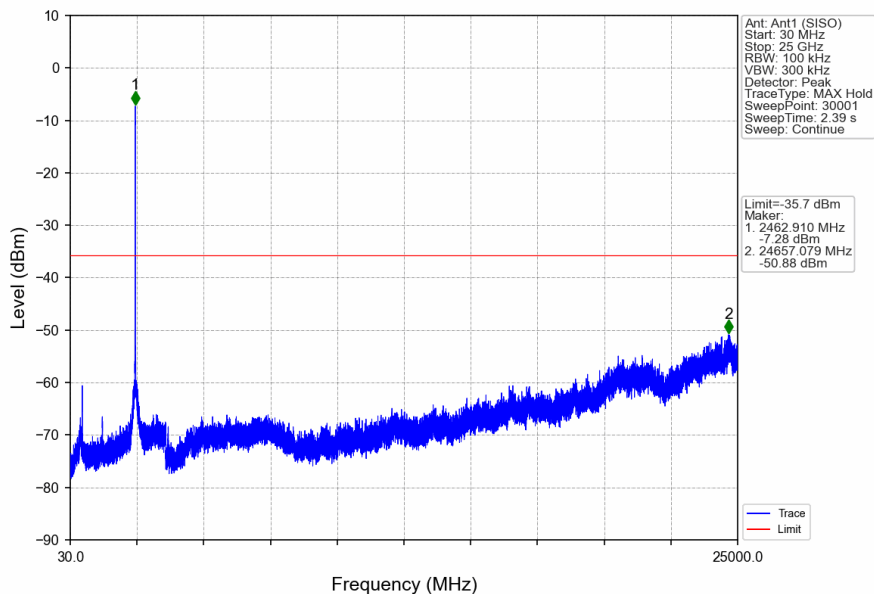
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802.11g_HCH_2462MHz_Ant1 (SISO)_NTNV



802.11g_HCH_2462MHz_Ant1 (SISO)_NTNV



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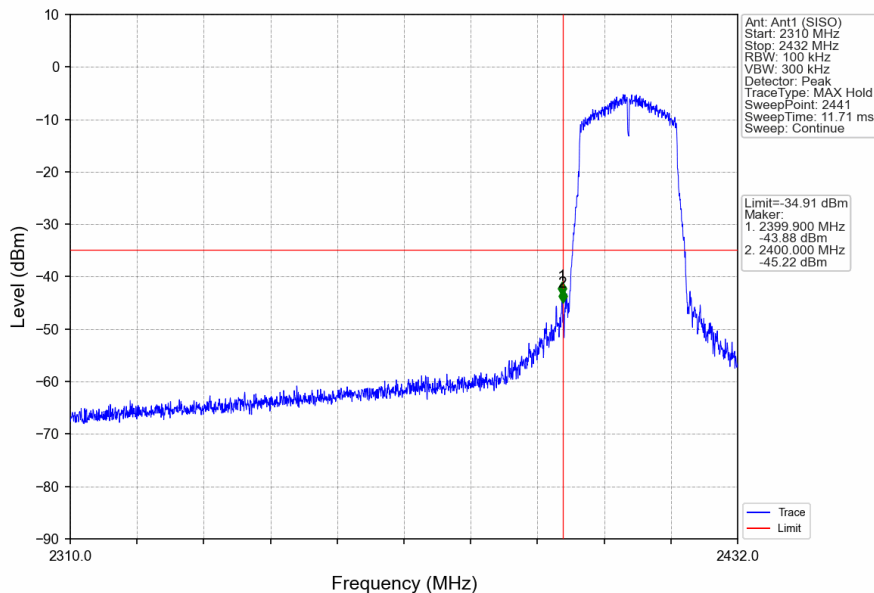
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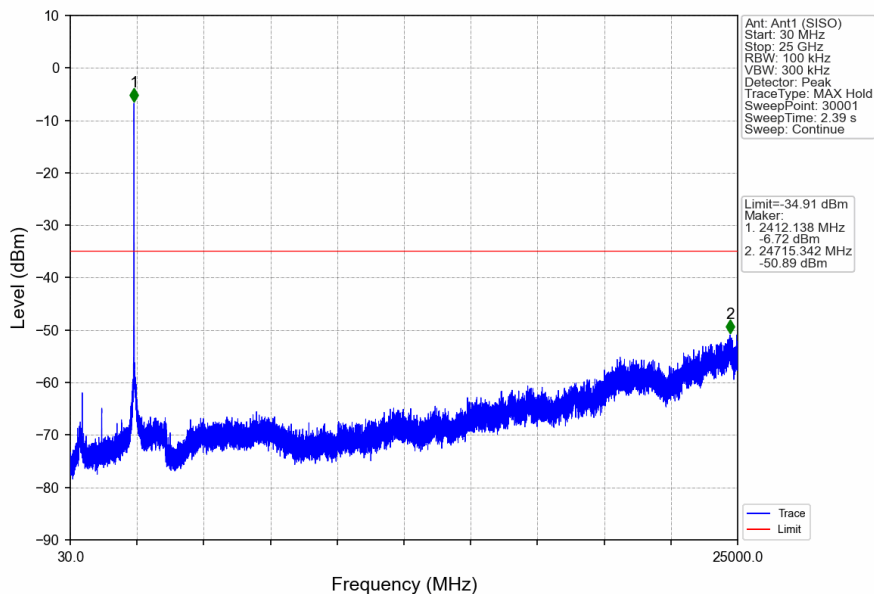
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802.11n(HT20)_LCH_2412MHz_Ant1 (SISO)_NTNV



802.11n(HT20)_LCH_2412MHz_Ant1 (SISO)_NTNV



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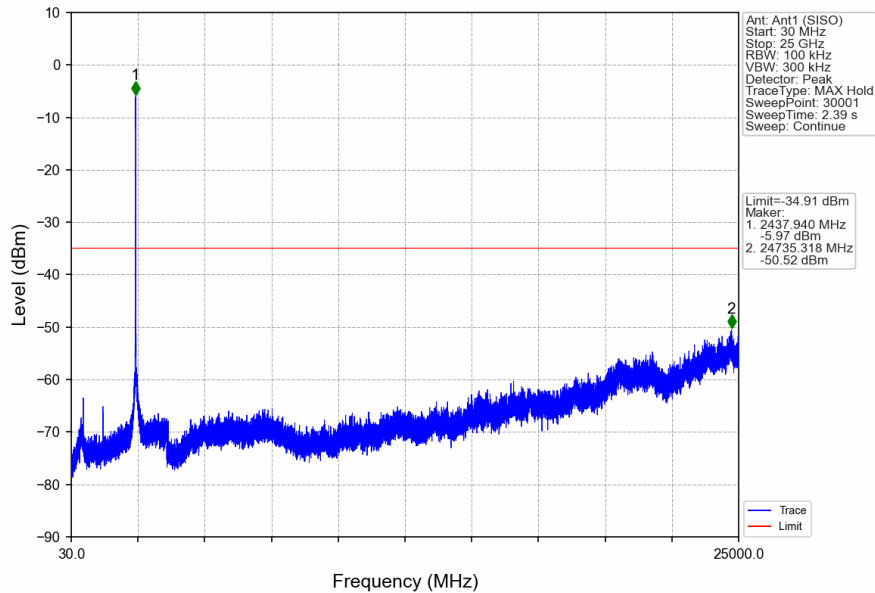
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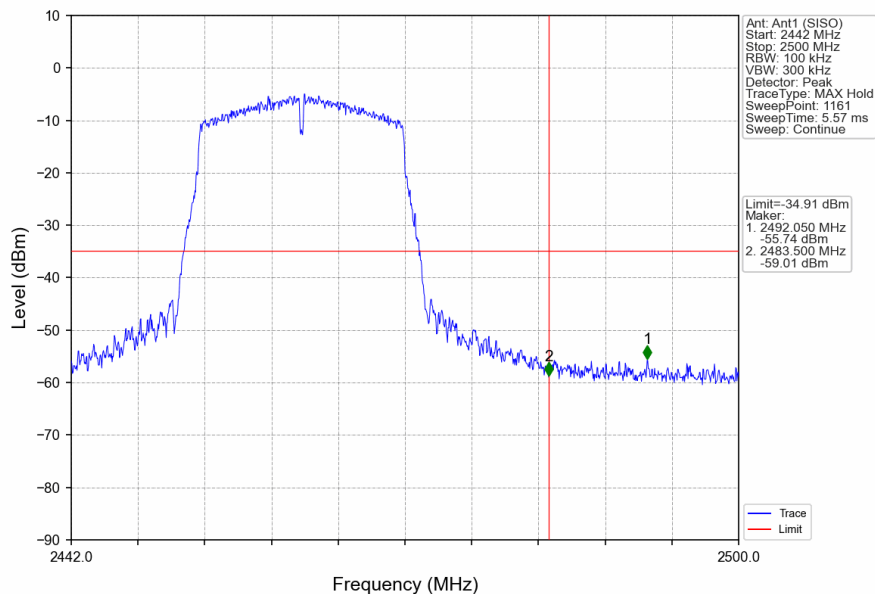
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802.11n(HT20)_MCH_2437MHz_Ant1 (SISO)_NTNV



802.11n(HT20)_HCH_2462MHz_Ant1 (SISO)_NTNV



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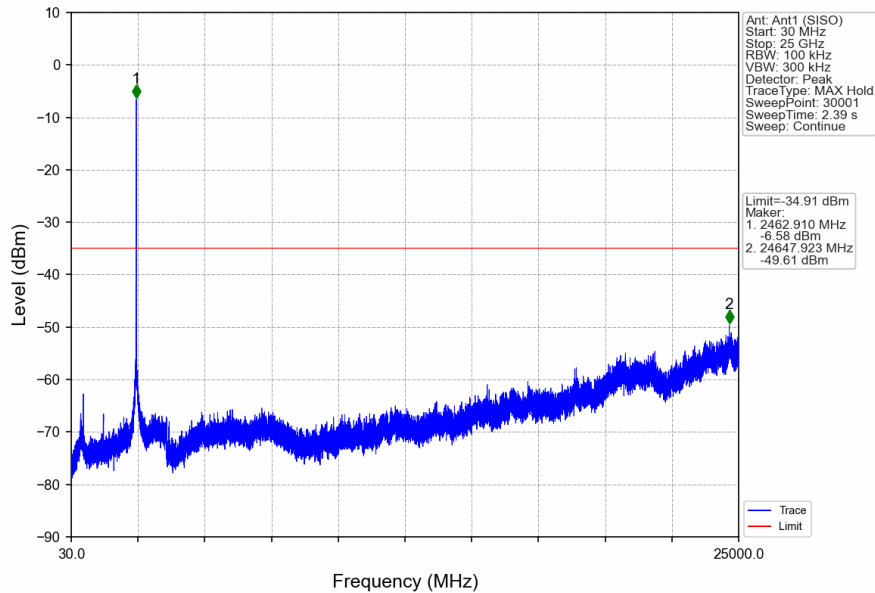
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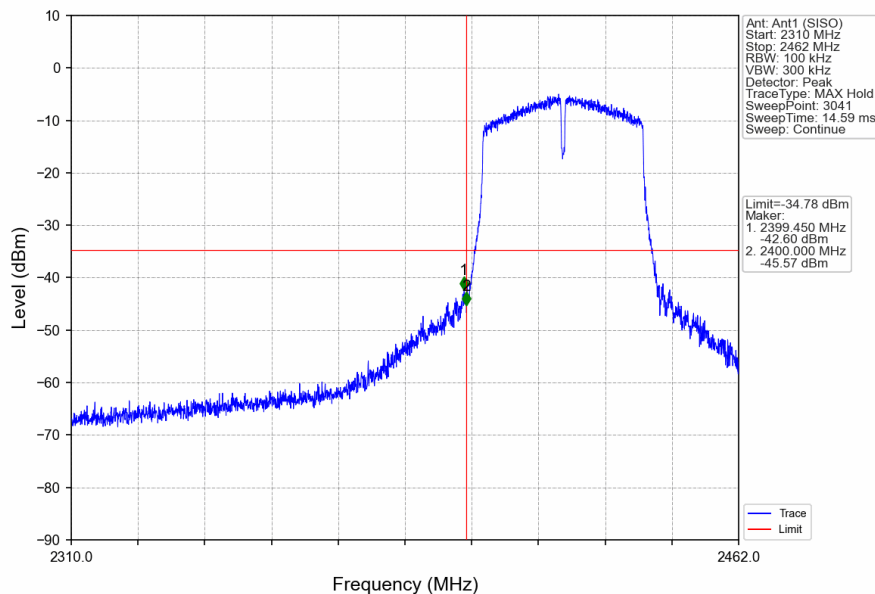
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802.11n(HT20)_HCH_2462MHz_Ant1 (SISO)_NTNV



802.11n(HT40)_LCH_2422MHz_Ant1 (SISO)_NTNV



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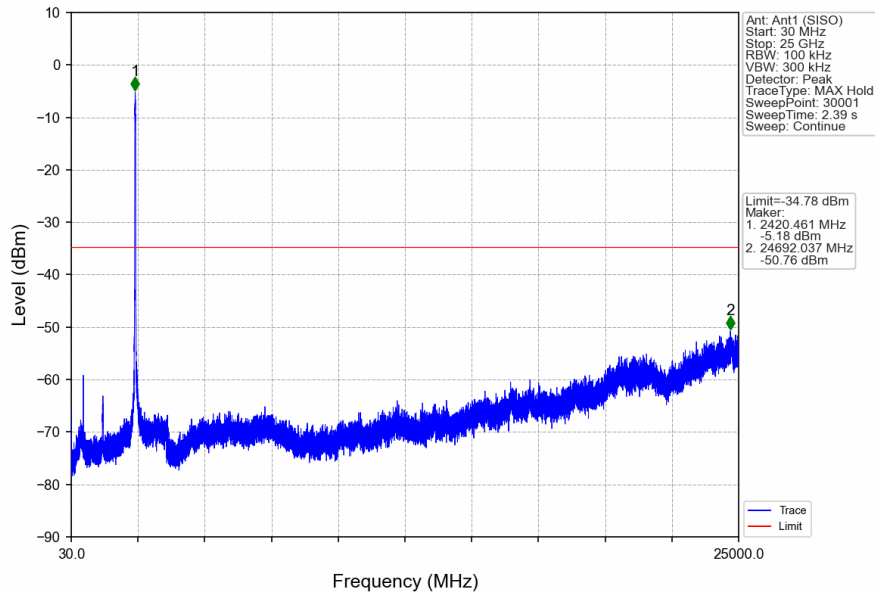
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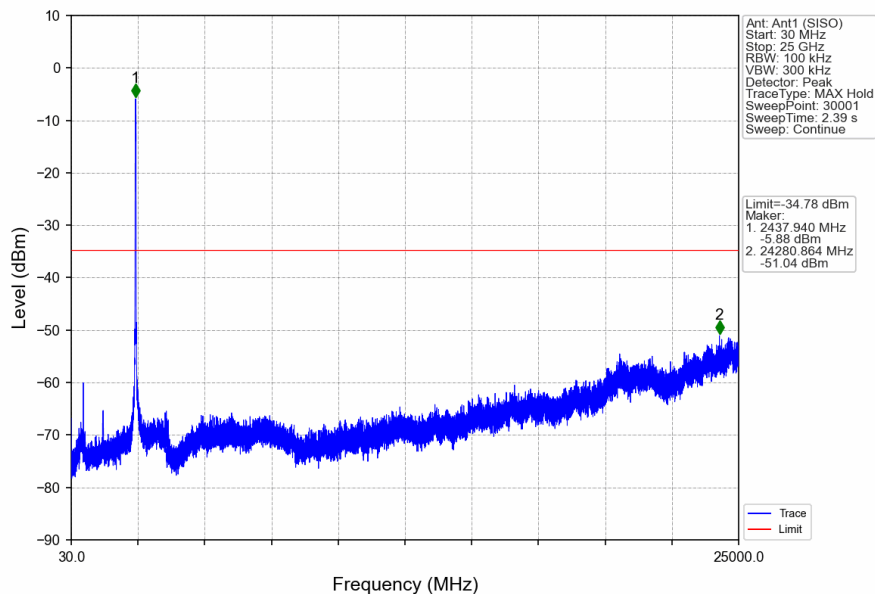
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802.11n(HT40)_LCH_2422MHz_Ant1 (SISO)_NTNV



802.11n(HT40)_MCH_2437MHz_Ant1 (SISO)_NTNV



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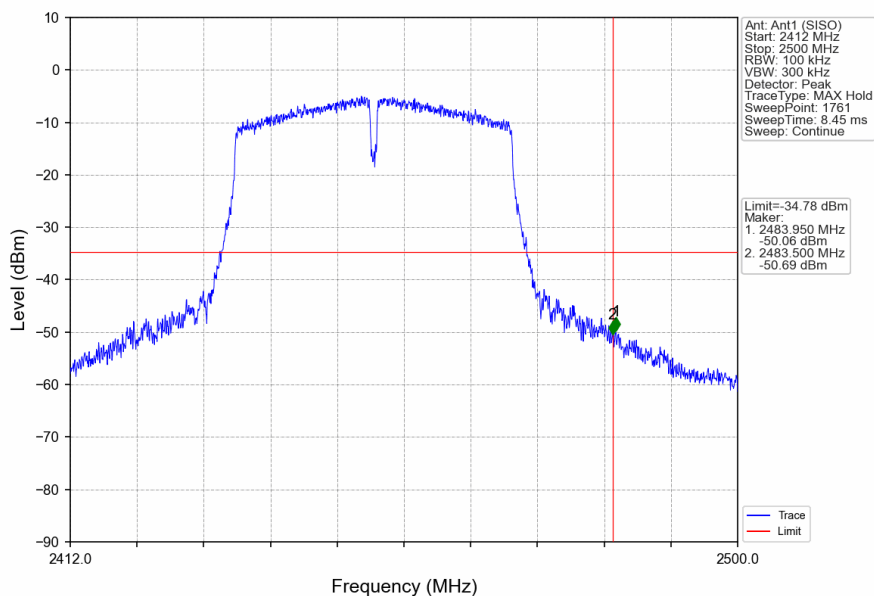
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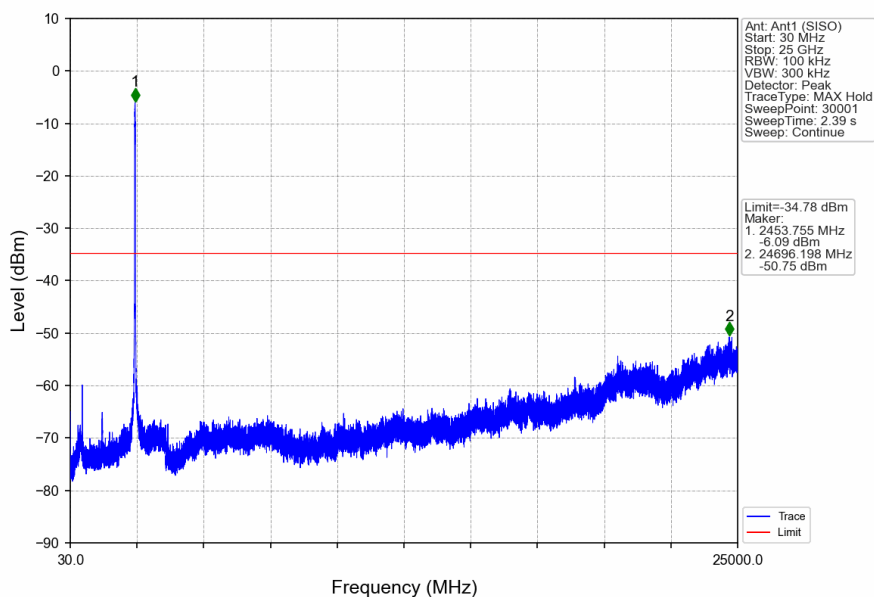
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802.11n(HT40)_HCH_2452MHz_Ant1 (SISO)_NTNV



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