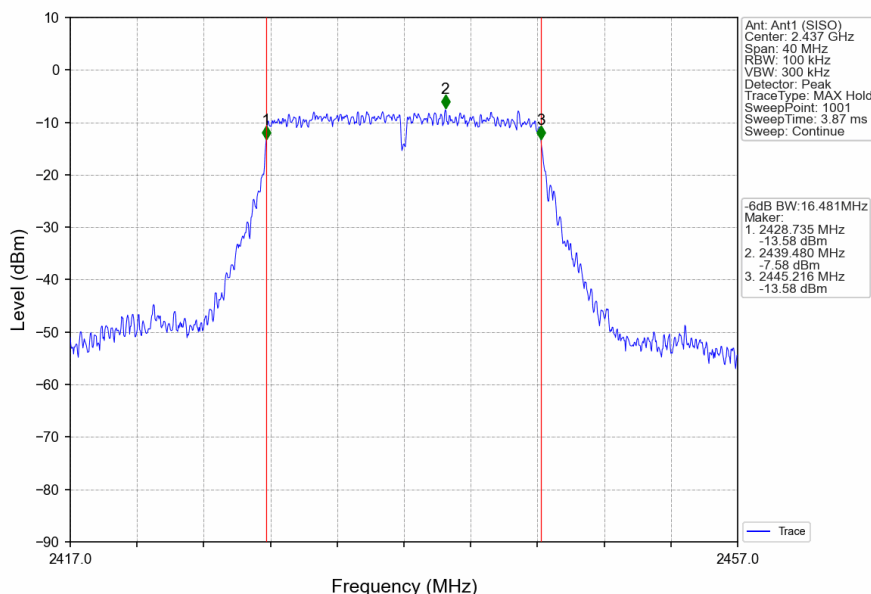
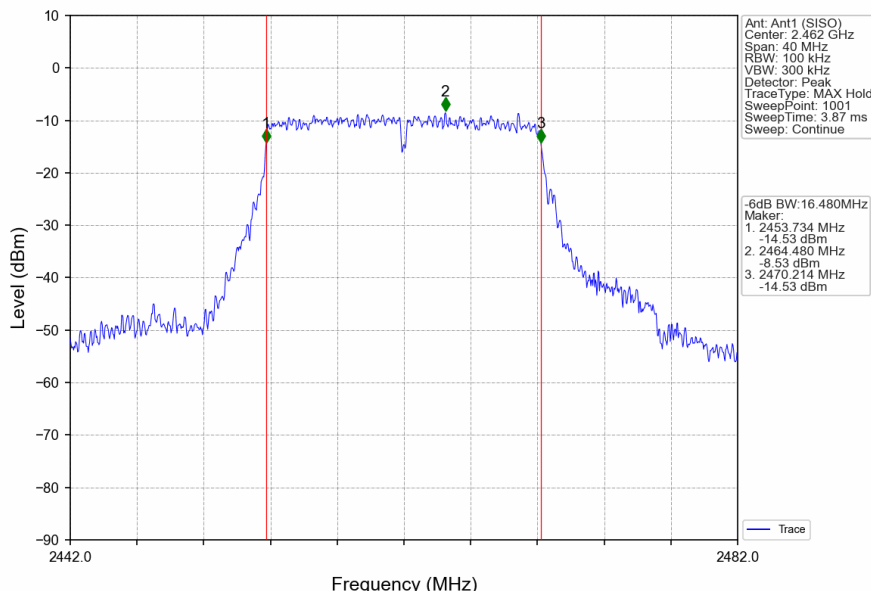


802.11g_MCH_2437MHz_Ant1 (SISO)_NTNV



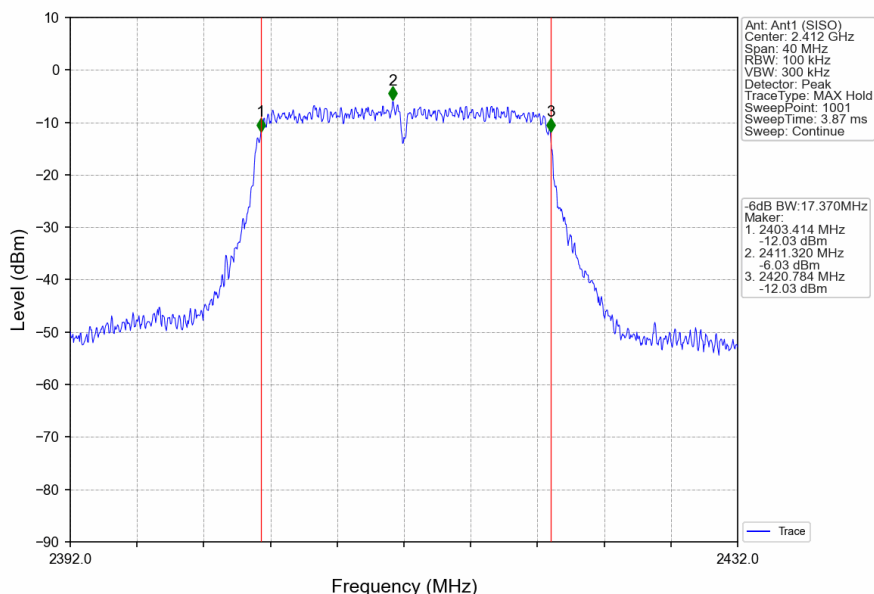
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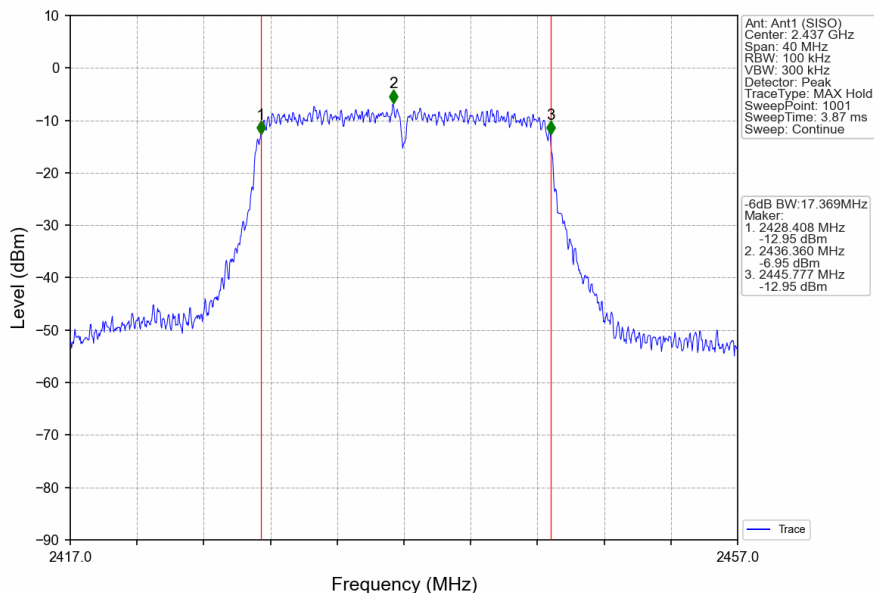
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802.11n(HT20)_LCH_2412MHz_Ant1 (SISO)_NTNV



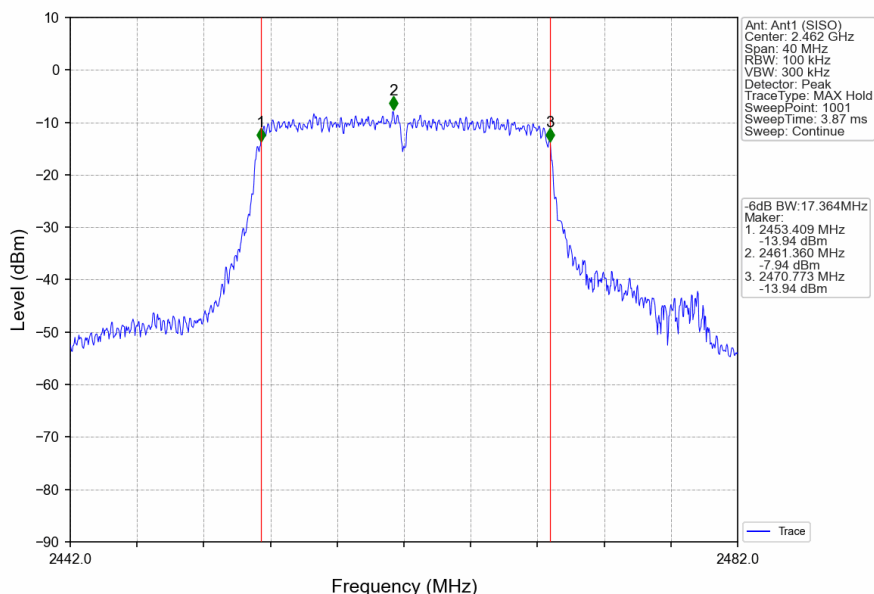
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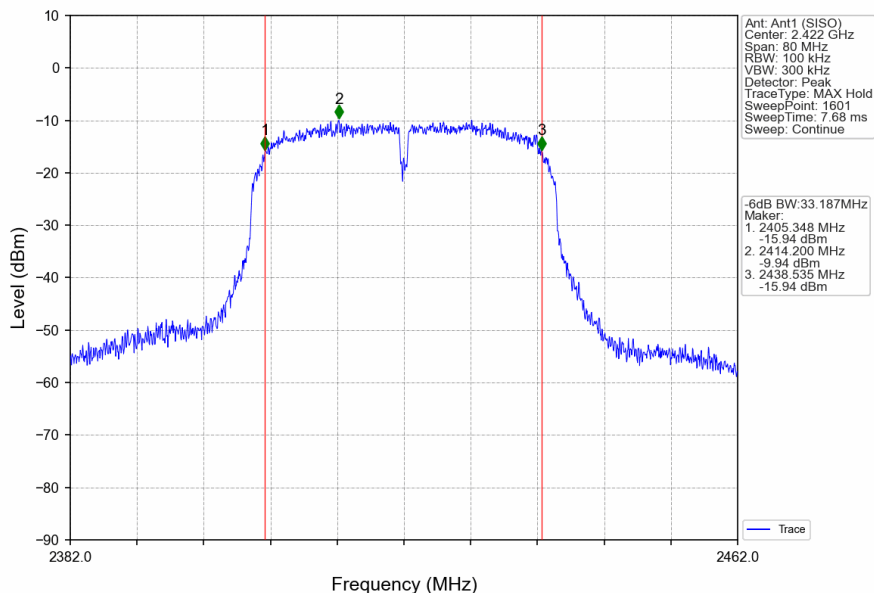
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802.11n(HT20)_HCH_2462MHz_Ant1 (SISO)_NTNV



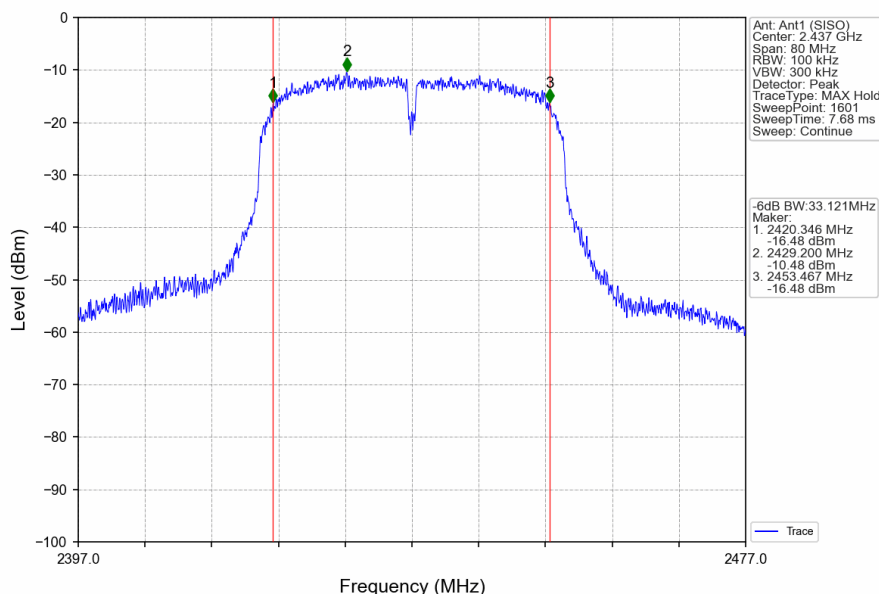
802.11n(HT40)_LCH_2422MHz_Ant1 (SISO)_NTNV



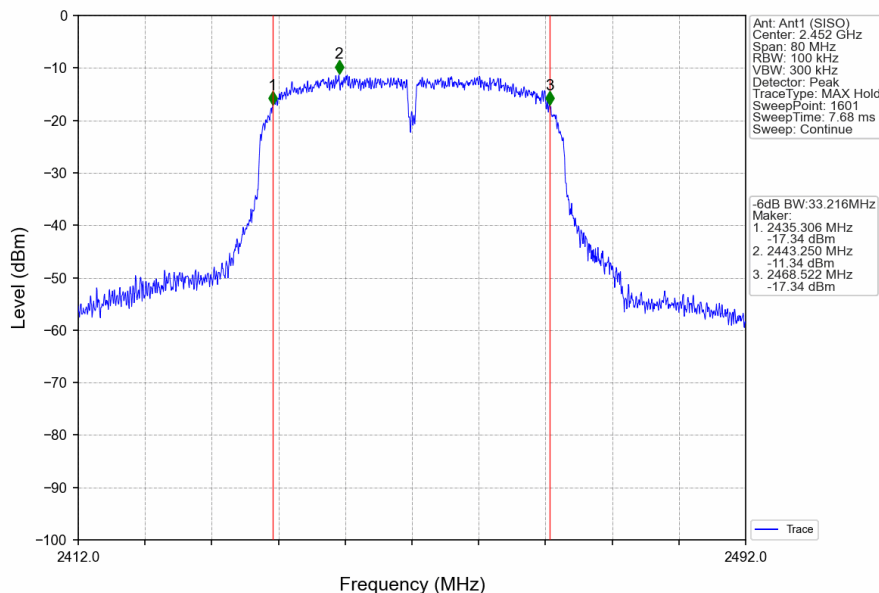
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802.11n(HT40)_MCH_2437MHz_Ant1 (SISO)_NTNV



802.11n(HT40)_HCH_2452MHz_Ant1 (SISO)_NTNV



3. Maximum Conducted Output Power

3.1 Power

3.1.1 Test Result

Mode	TX Type	Frequency (MHz)	Maximum Peak Conducted Output Power (dBm)		Verdict
			ANT1	Limit	
802.11b	SISO	2412	17.13	<=30	Pass
		2437	16.15	<=30	Pass
		2462	14.79	<=30	Pass
802.11g	SISO	2412	14.40	<=30	Pass
		2437	13.55	<=30	Pass
		2462	12.52	<=30	Pass
802.11n (HT20)	SISO	2412	14.69	<=30	Pass
		2437	13.75	<=30	Pass
		2462	12.61	<=30	Pass
802.11n (HT40)	SISO	2422	14.09	<=30	Pass
		2437	13.33	<=30	Pass
		2452	12.84	<=30	Pass

Note1: Antenna Gain: Ant1: 2.05dBi;

4. Maximum Power Spectral Density

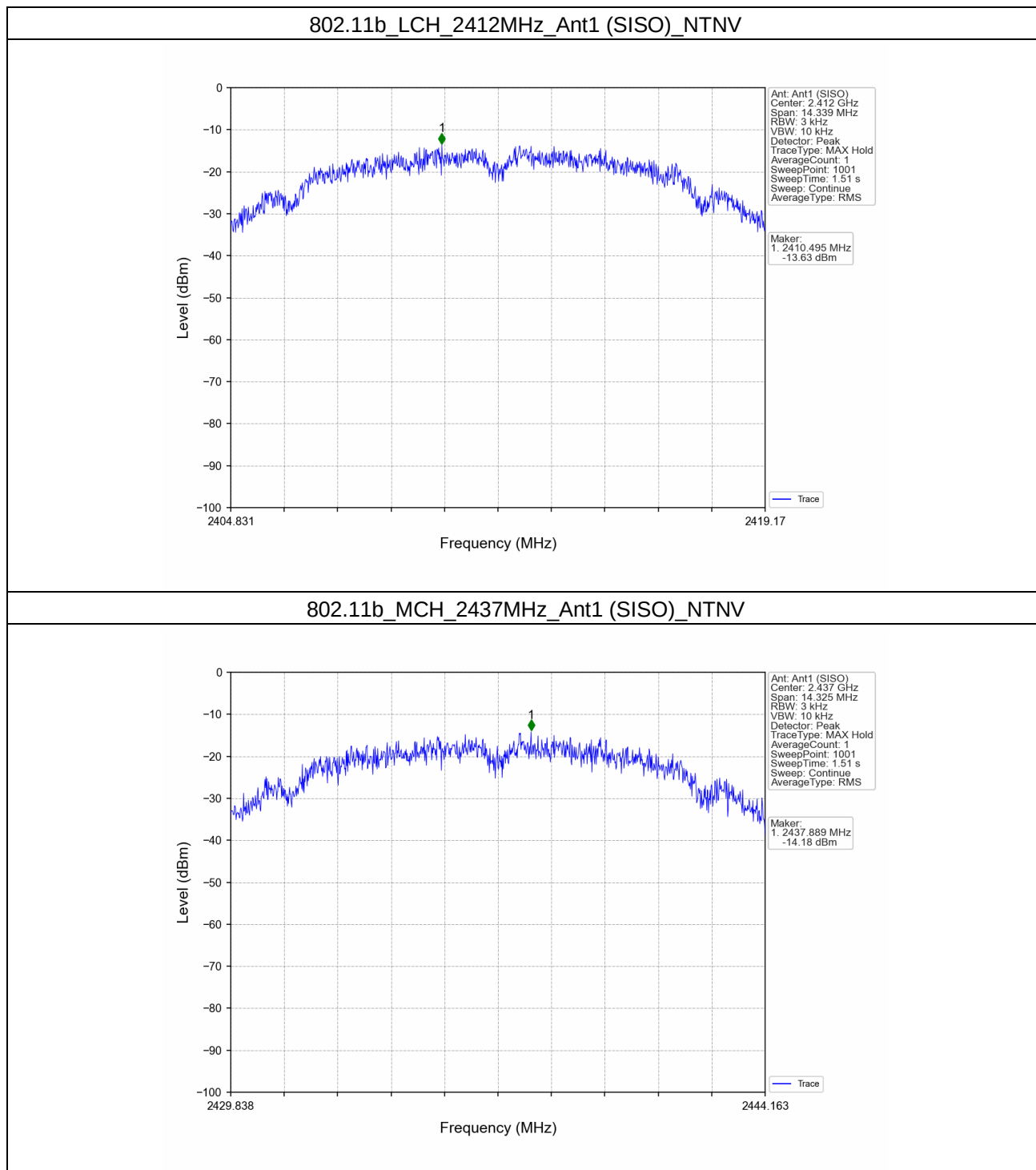
4.1 PSD

4.1.1 Test Result

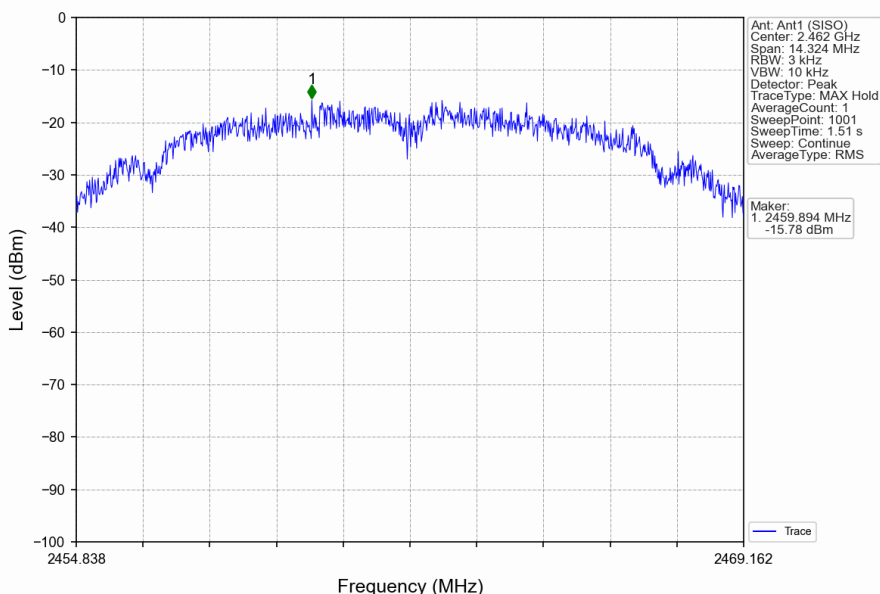
Mode	TX Type	Frequency (MHz)	Maximum PSD (dBm/3kHz)		Verdict
			ANT1	Limit	
802.11b	SISO	2412	-13.63	<=8	Pass
		2437	-14.18	<=8	Pass
		2462	-15.78	<=8	Pass
802.11g	SISO	2412	-21.29	<=8	Pass
		2437	-22.53	<=8	Pass
		2462	-23.67	<=8	Pass
802.11n (HT20)	SISO	2412	-20.98	<=8	Pass
		2437	-21.85	<=8	Pass
		2462	-22.96	<=8	Pass
802.11n (HT40)	SISO	2422	-22.87	<=8	Pass
		2437	-24.58	<=8	Pass
		2452	-25.21	<=8	Pass

Note1: Antenna Gain: Ant1: 2.05dBi;

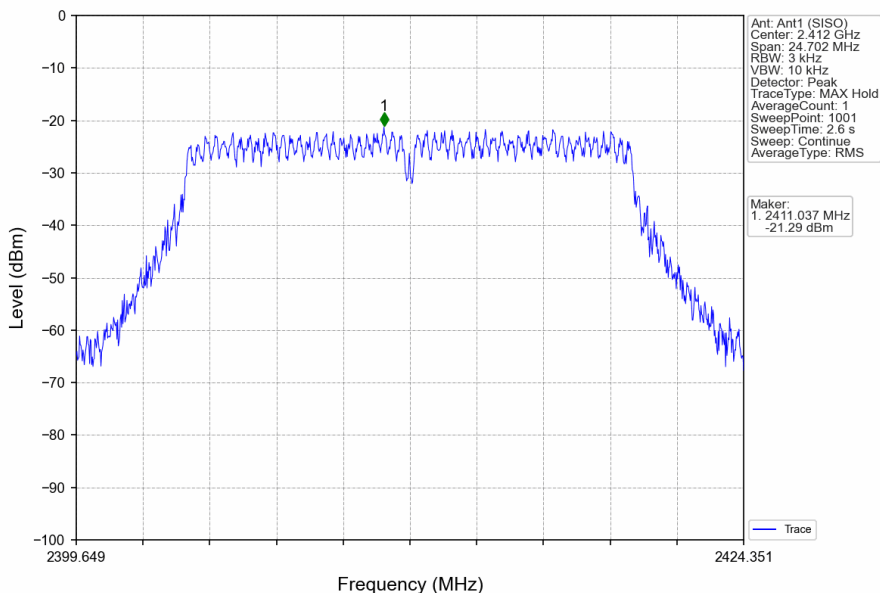
4.1.2 Test Graph



802.11b_HCH_2462MHz_Ant1 (SISO)_NTNV



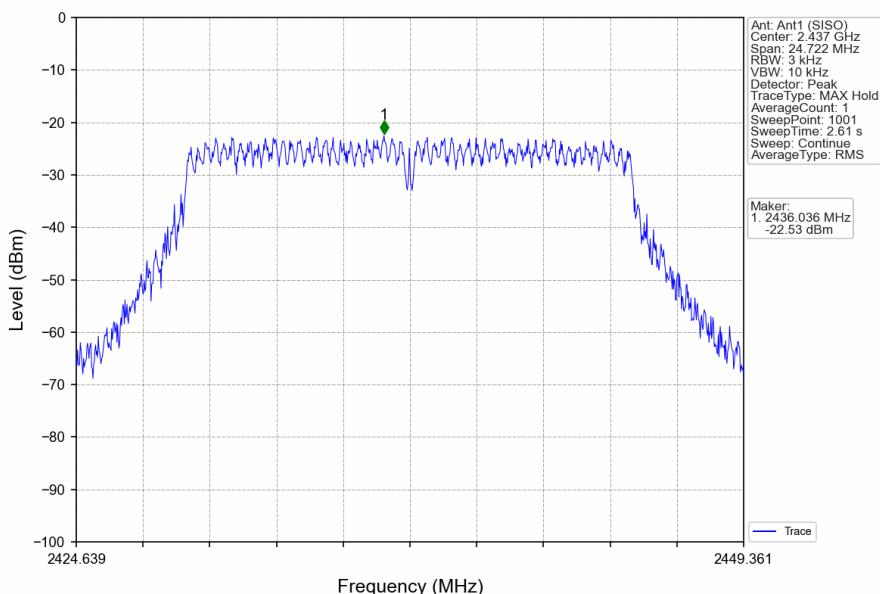
802.11g_LCH_2412MHz_Ant1 (SISO)_NTNV



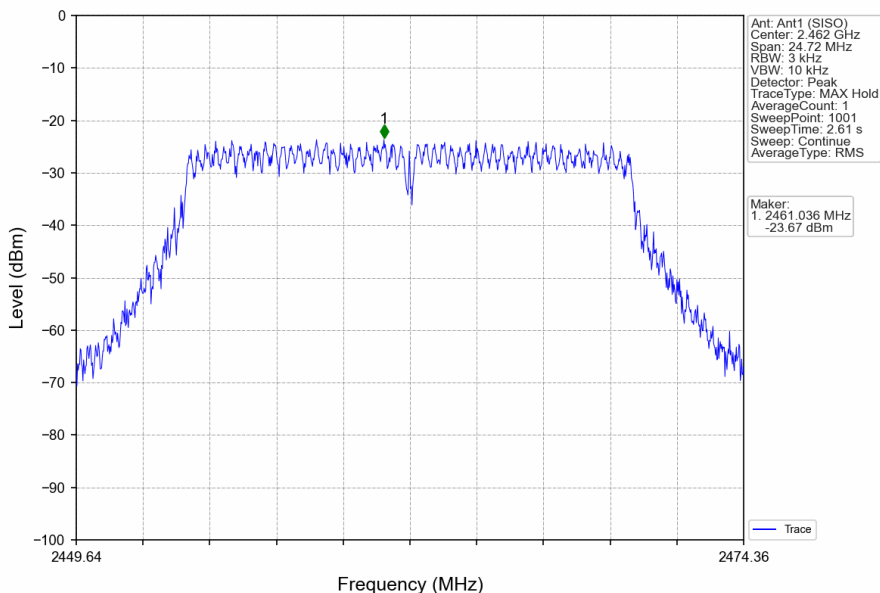
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802.11g_MCH_2437MHz_Ant1 (SISO)_NTNV



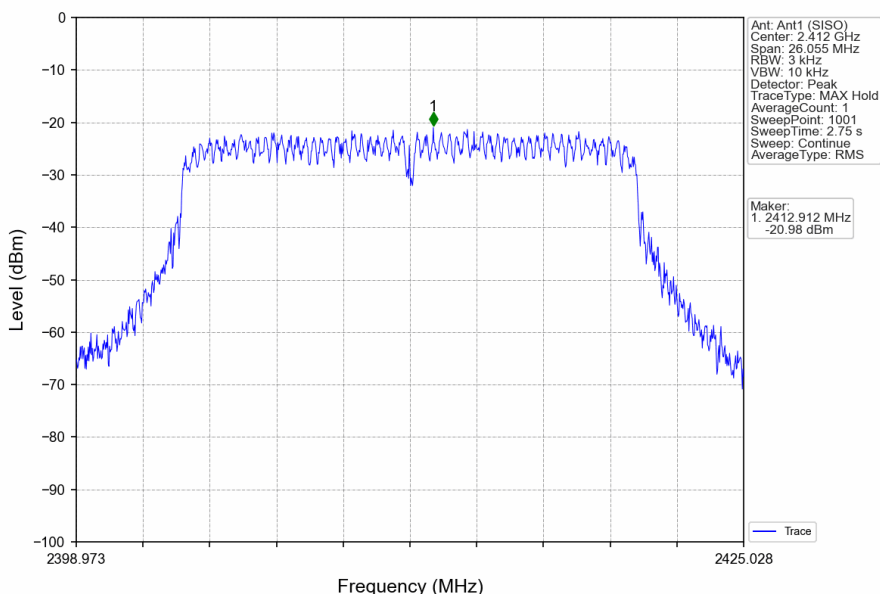
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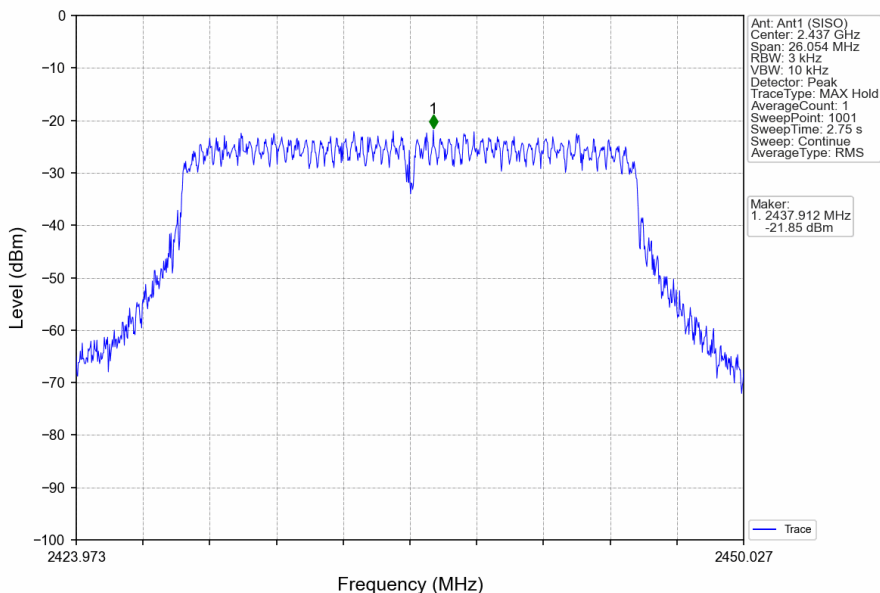
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802.11n(HT20)_LCH_2412MHz_Ant1 (SISO)_NTNV



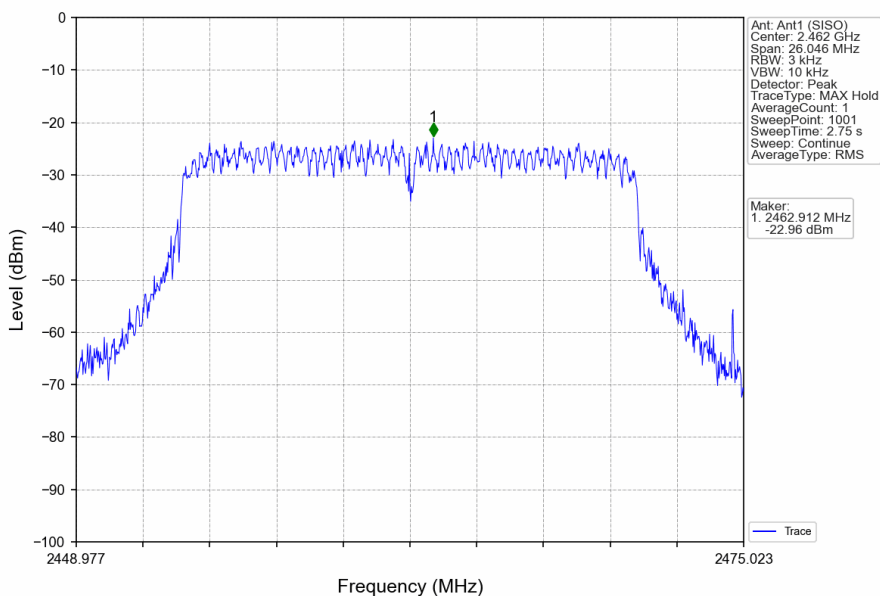
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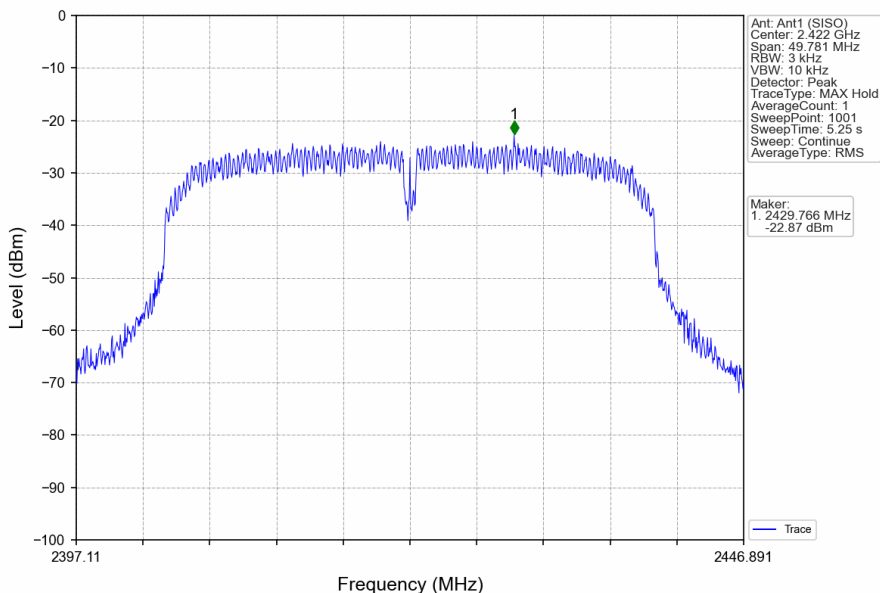
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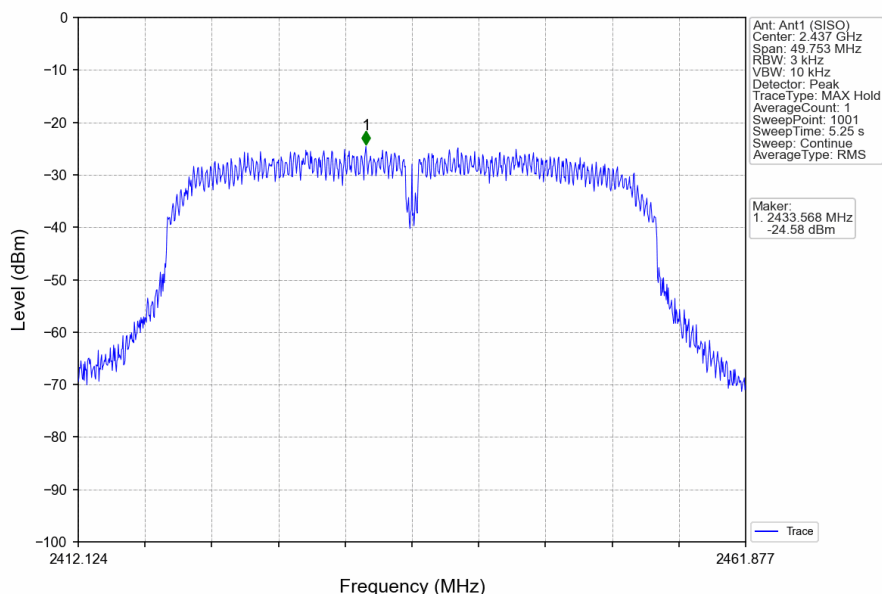
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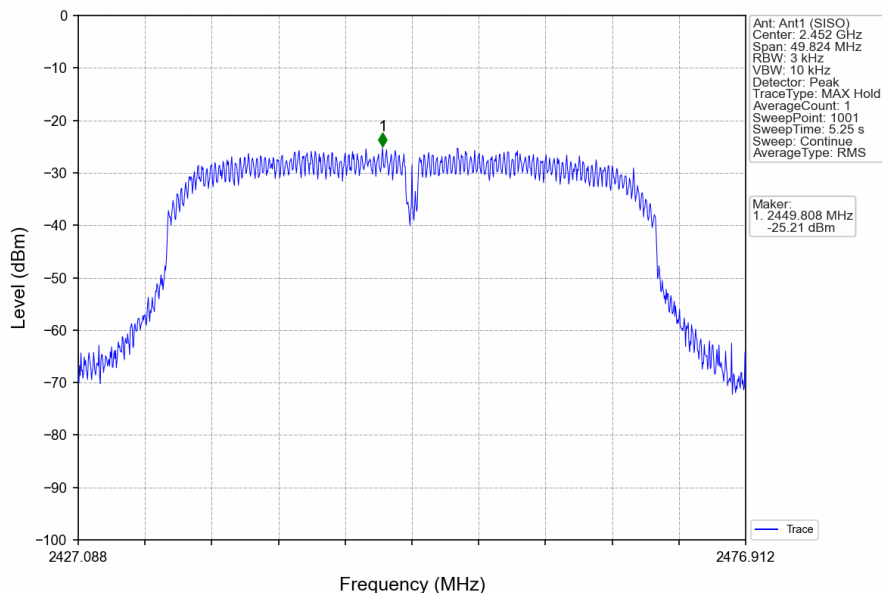
802.11n(HT40)_LCH_2422MHz_Ant1 (SISO)_NTNV



802.11n(HT40)_MCH_2437MHz_Ant1 (SISO)_NTNV



802.11n(HT40)_HCH_2452MHz_Ant1 (SISO)_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)	ANT	Level of Reference (dBm)
802.11b	SISO	2412	1	2.39
		2437	1	1.41
		2462	1	0.03
802.11g	SISO	2412	1	-6.63
		2437	1	-7.79
		2462	1	-8.53
802.11n (HT20)	SISO	2412	1	-6.42
		2437	1	-6.94
		2462	1	-8.12
802.11n (HT40)	SISO	2422	1	-10.10
		2437	1	-10.66
		2452	1	-11.32

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.

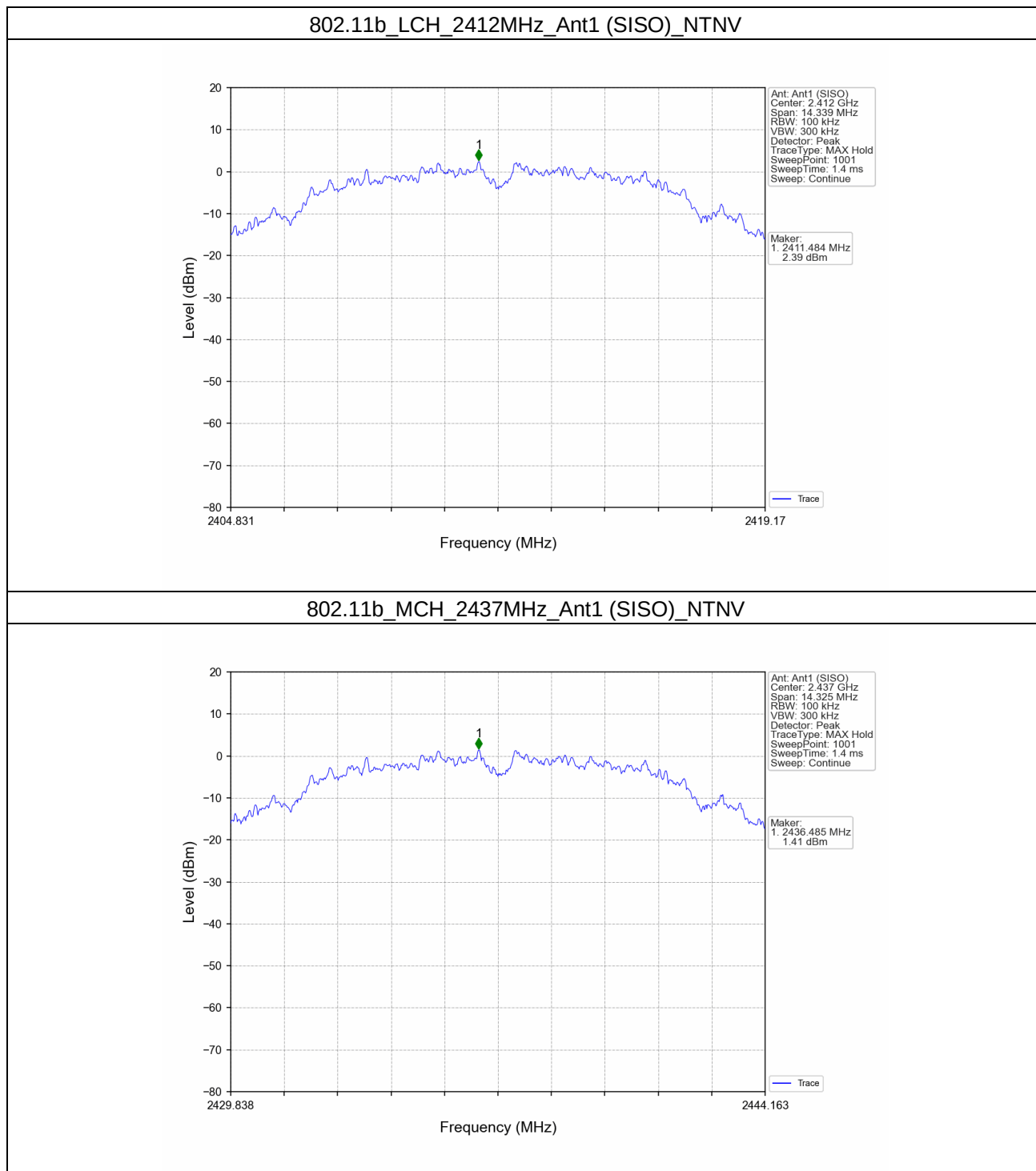
Note2: RBW = 1MHz was used during the pre-test. The final test will be performed at RBW=100kHz while the margin is less than 3dB.



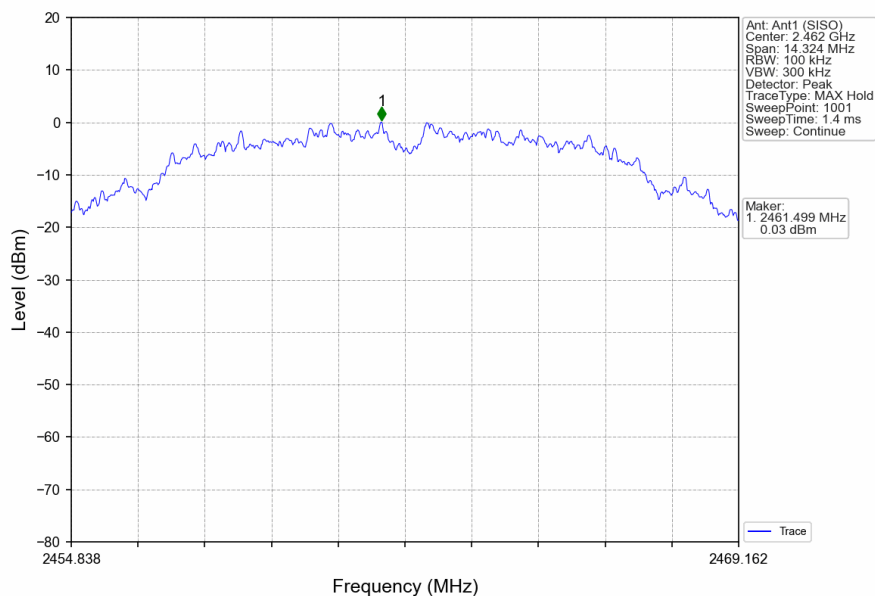
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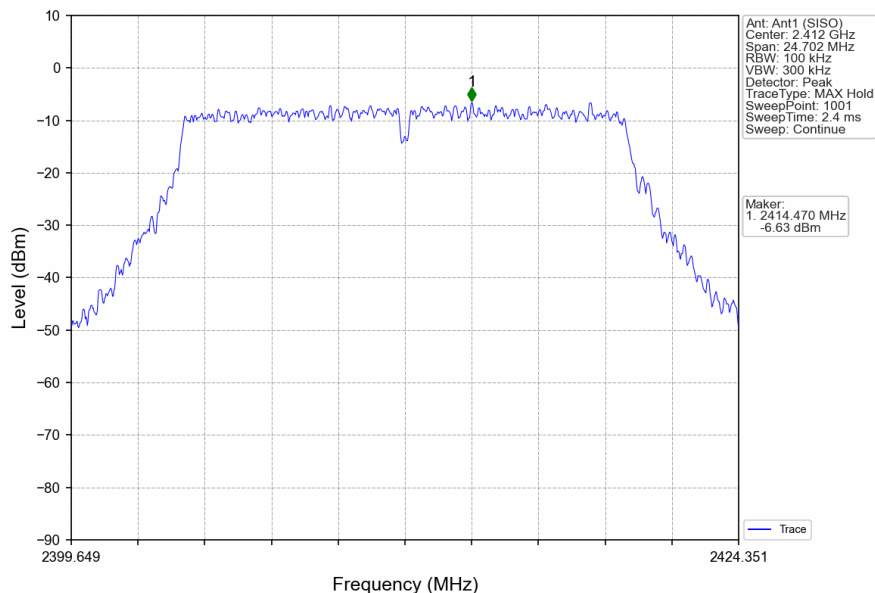
5.1.2 Test Graph



802.11b_HCH_2462MHz_Ant1 (SISO)_NTNV



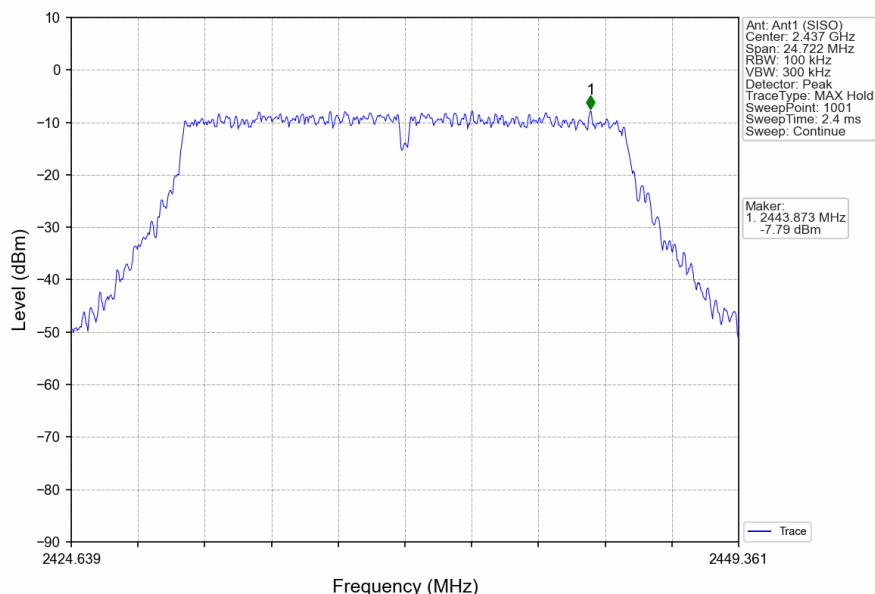
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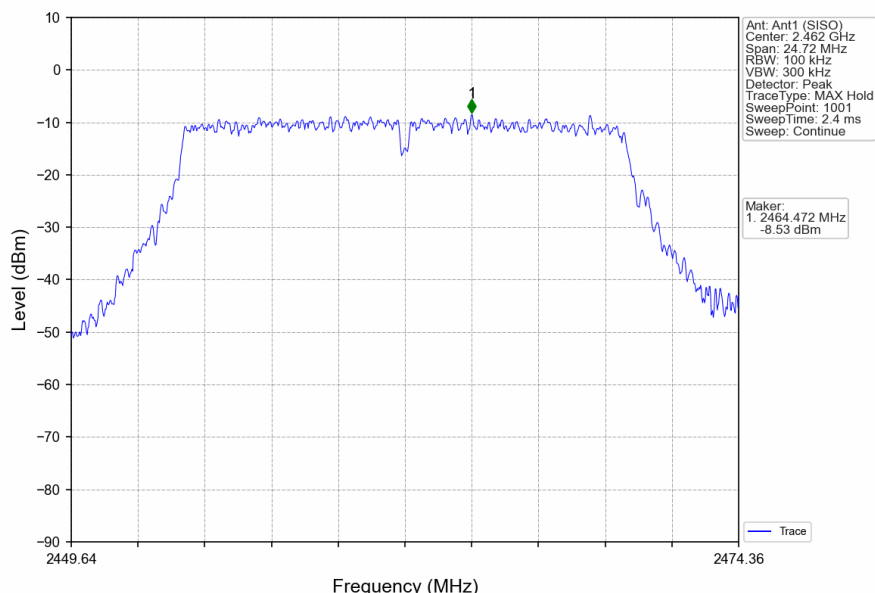
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802.11g_MCH_2437MHz_Ant1 (SISO)_NTNV



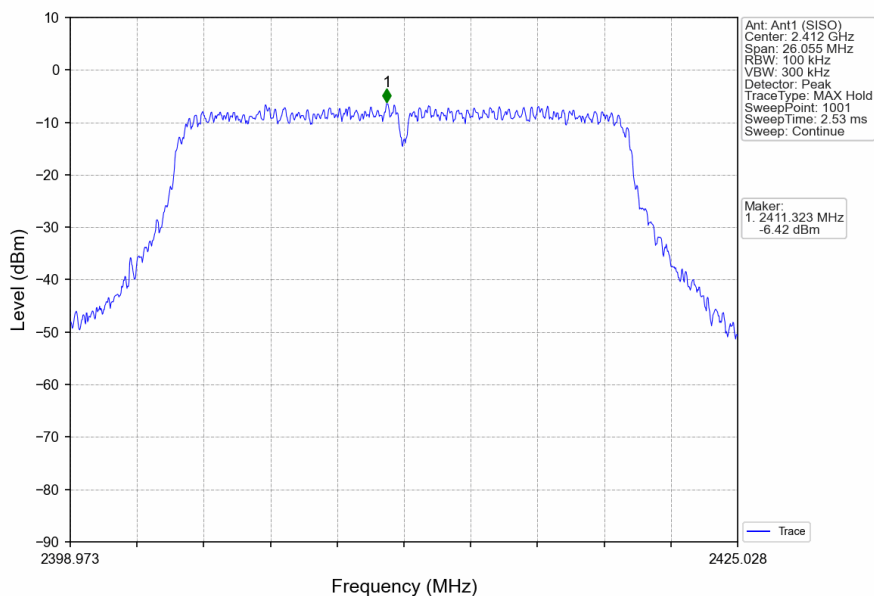
802.11g_HCH_2462MHz_Ant1 (SISO)_NTNV



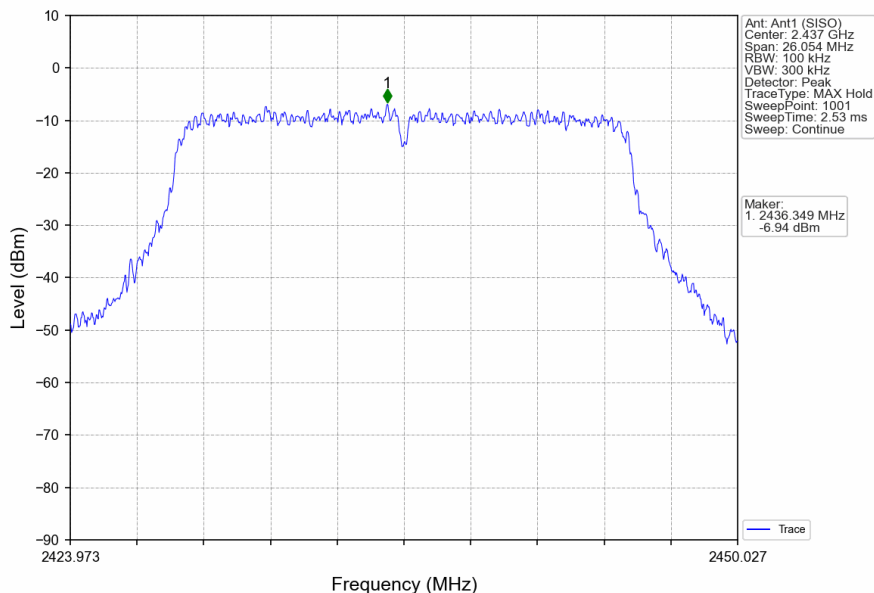
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802.11n(HT20)_LCH_2412MHz_Ant1 (SISO)_NTNV



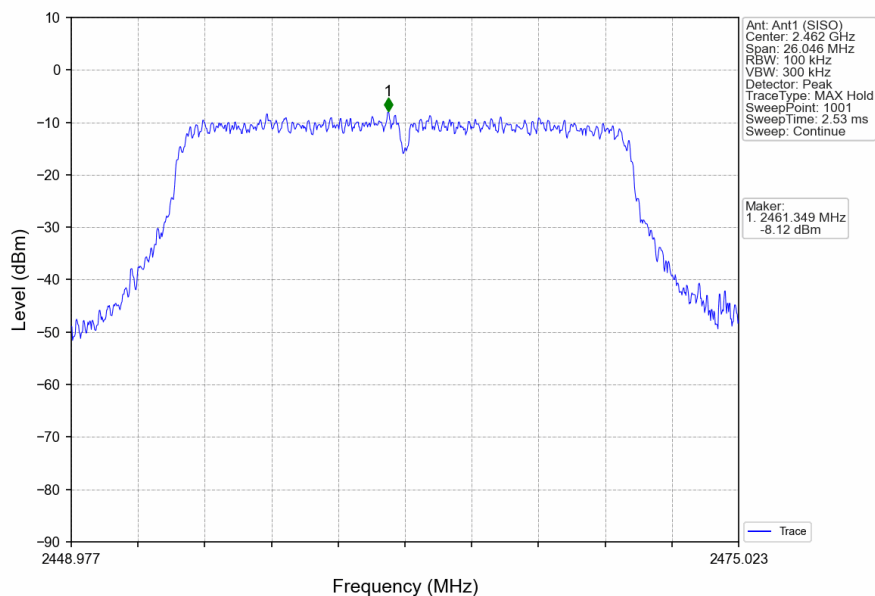
802.11n(HT20)_MCH_2437MHz_Ant1 (SISO)_NTNV



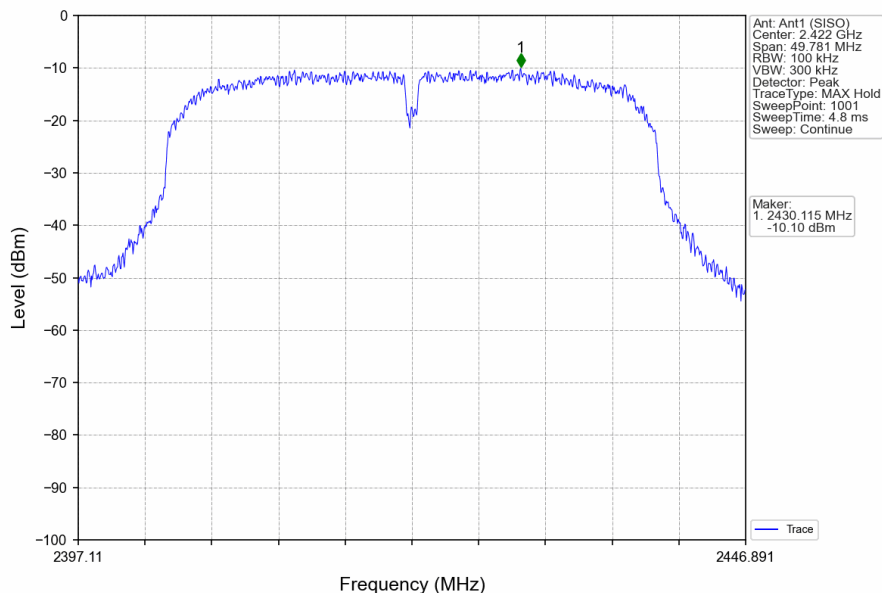
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802.11n(HT20)_HCH_2462MHz_Ant1 (SISO)_NTNV



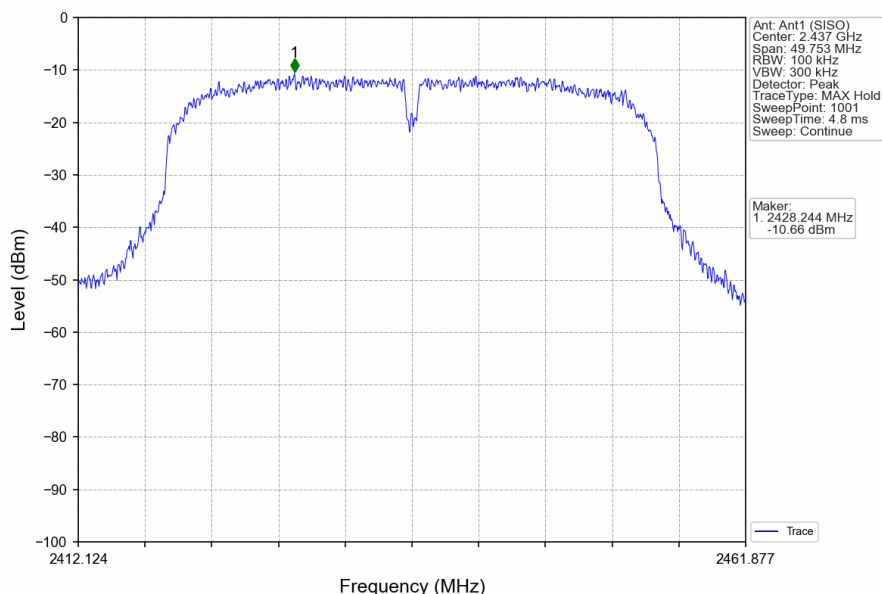
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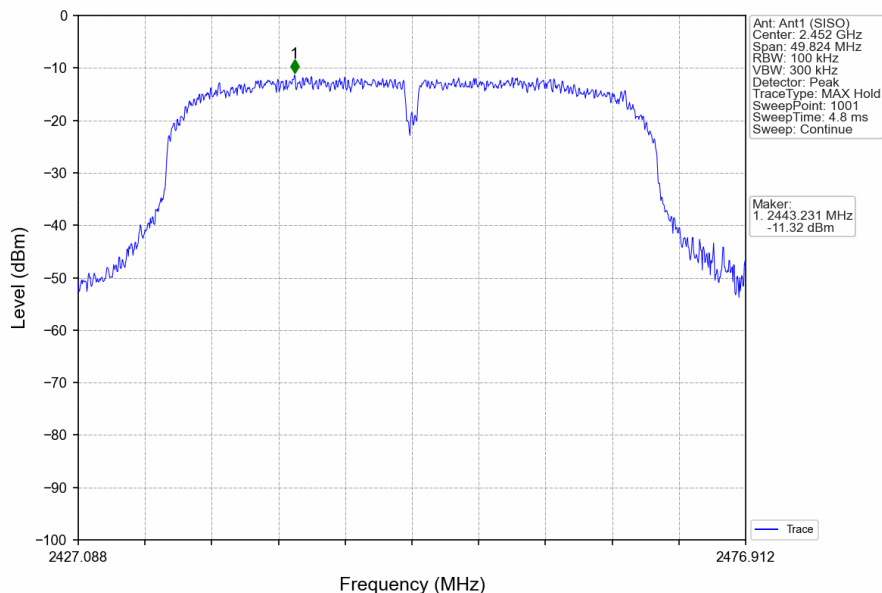
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802.11n(HT40)_MCH_2437MHz_Ant1 (SISO)_NTNV



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	2.39	-17.61	Pass
		2437	1	2.39	-17.61	Pass
		2462	1	2.39	-17.61	Pass
802.11g	SISO	2412	1	-6.63	-26.63	Pass
		2437	1	-6.63	-26.63	Pass
		2462	1	-6.63	-26.63	Pass
802.11n (HT20)	SISO	2412	1	-6.42	-26.42	Pass
		2437	1	-6.42	-26.42	Pass
		2462	1	-6.42	-26.42	Pass
802.11n (HT40)	SISO	2422	1	-10.10	-30.10	Pass
		2437	1	-10.10	-30.10	Pass
		2452	1	-10.10	-30.10	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.

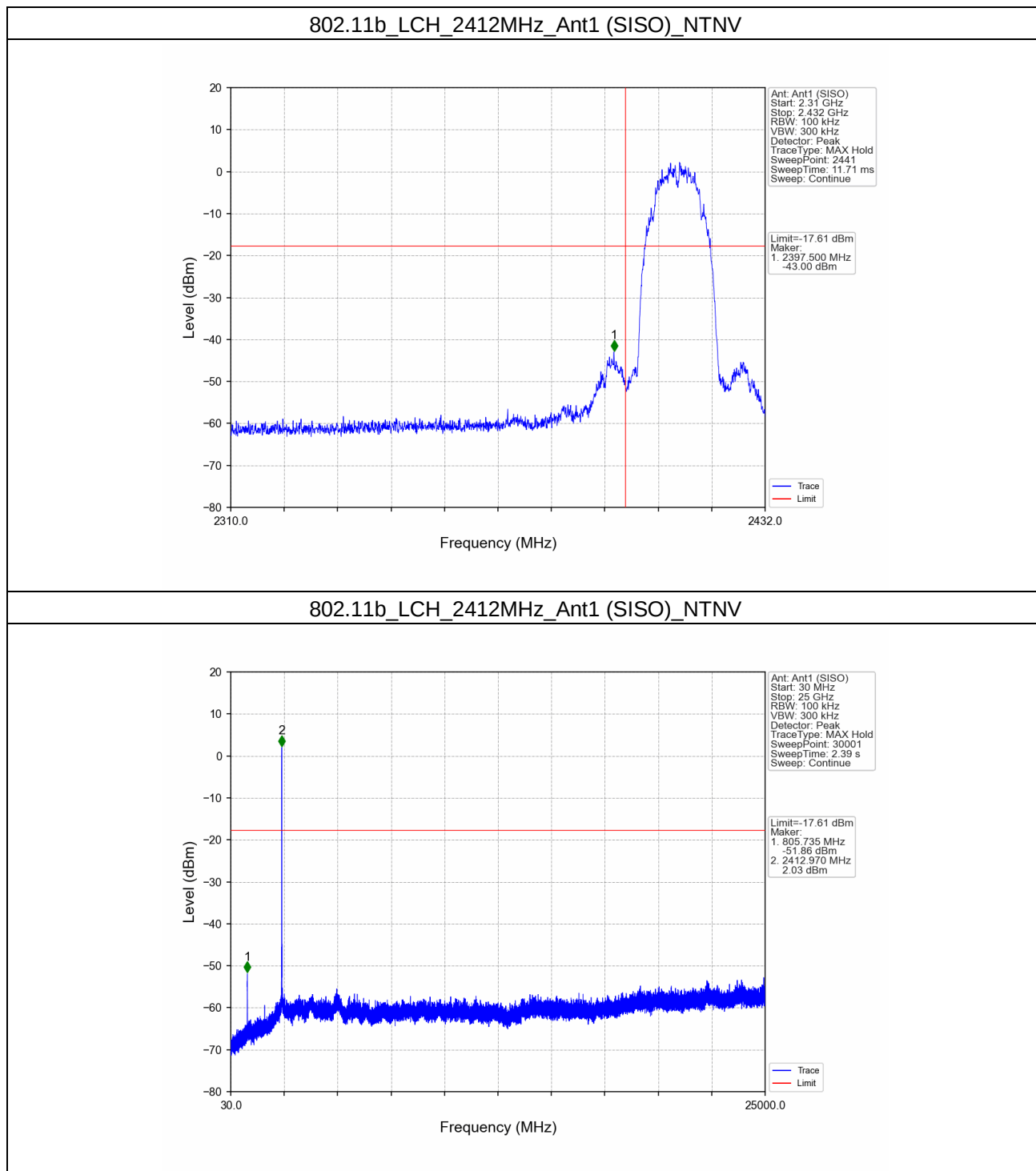
Note2: RBW = 1MHz was used during the pre-test. The final test will be performed at RBW=100kHz while the margin is less than 3dB.



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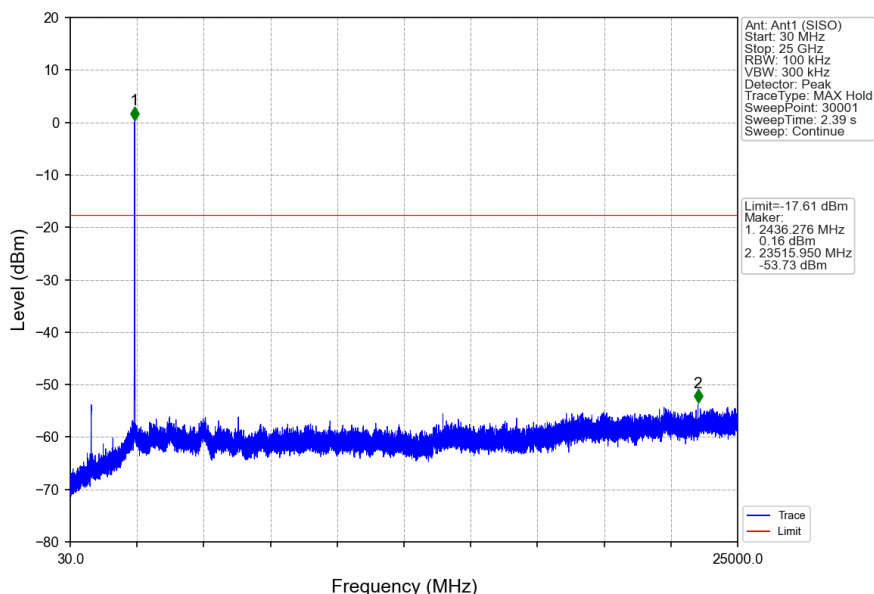
5.2.2 Test Graph



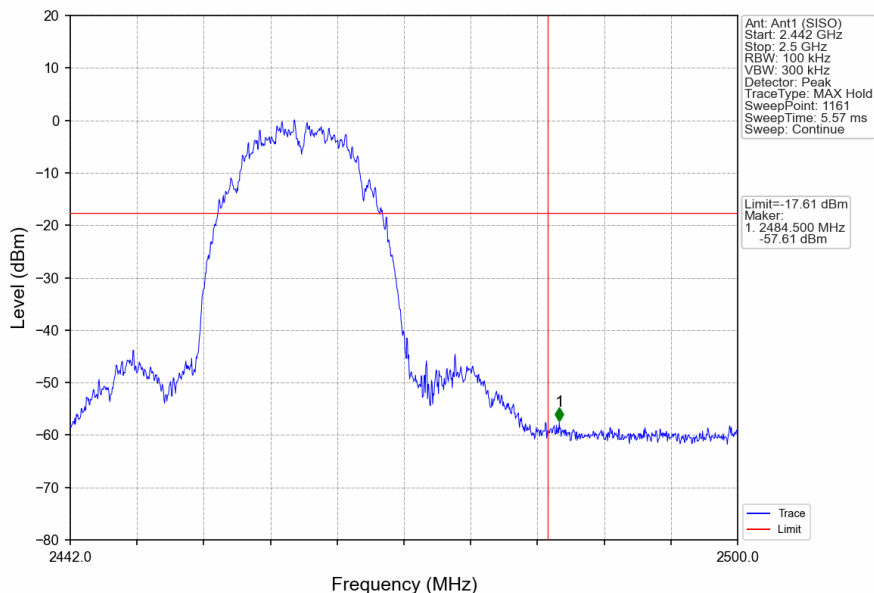
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802.11b_MCH_2437MHz_Ant1 (SISO)_NTNV



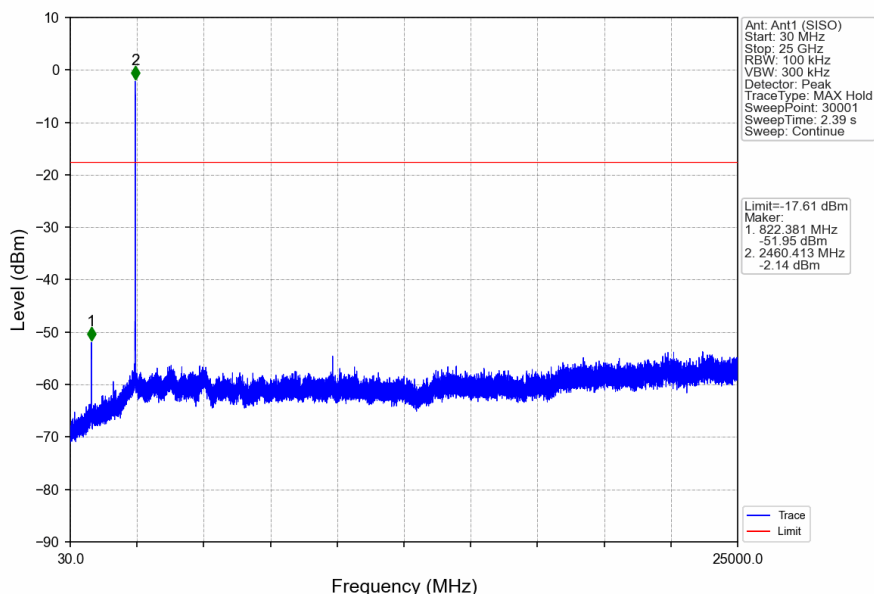
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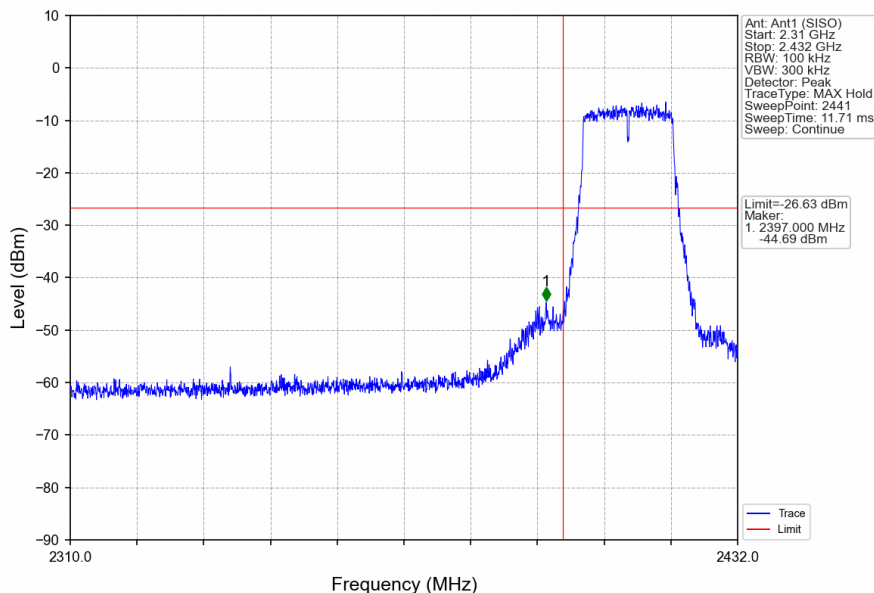
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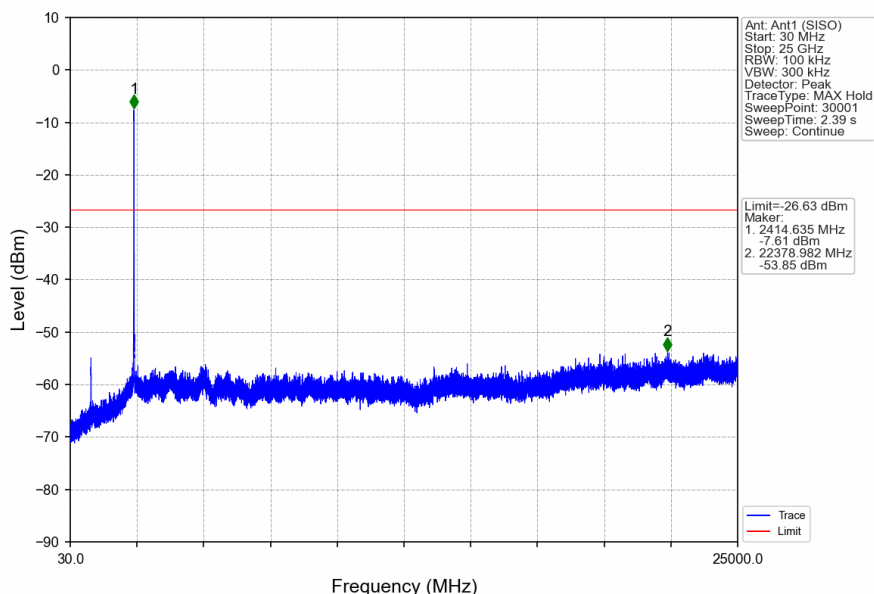
802.11g_LCH_2412MHz_Ant1 (SISO)_NTNV



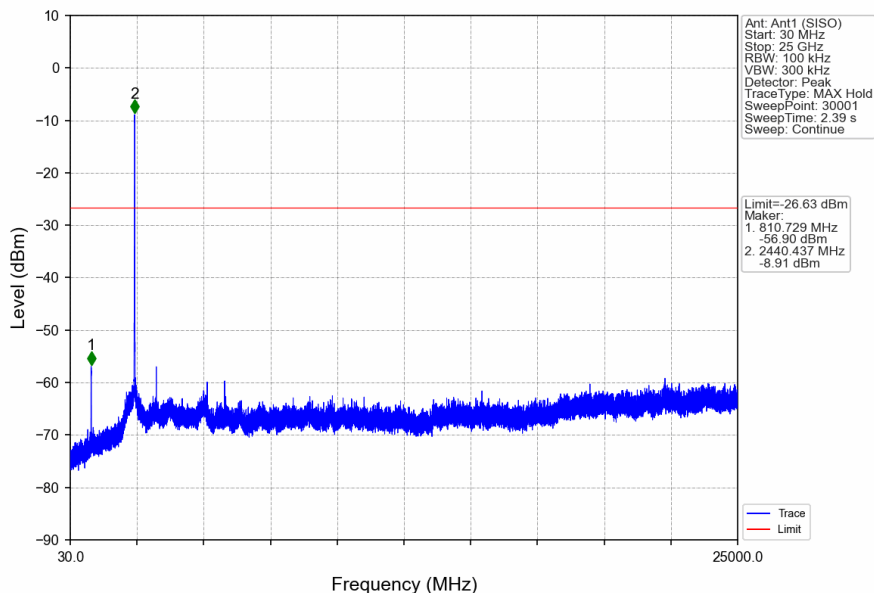
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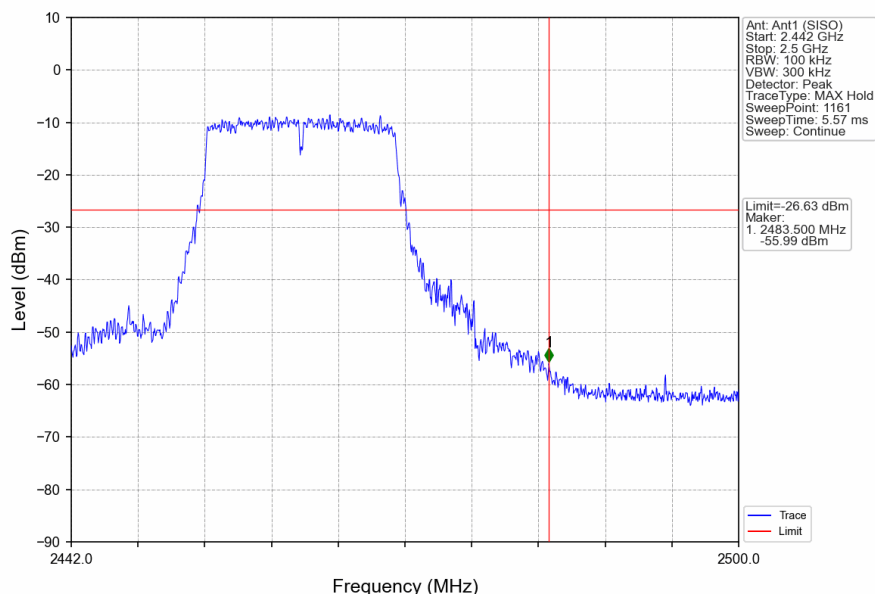
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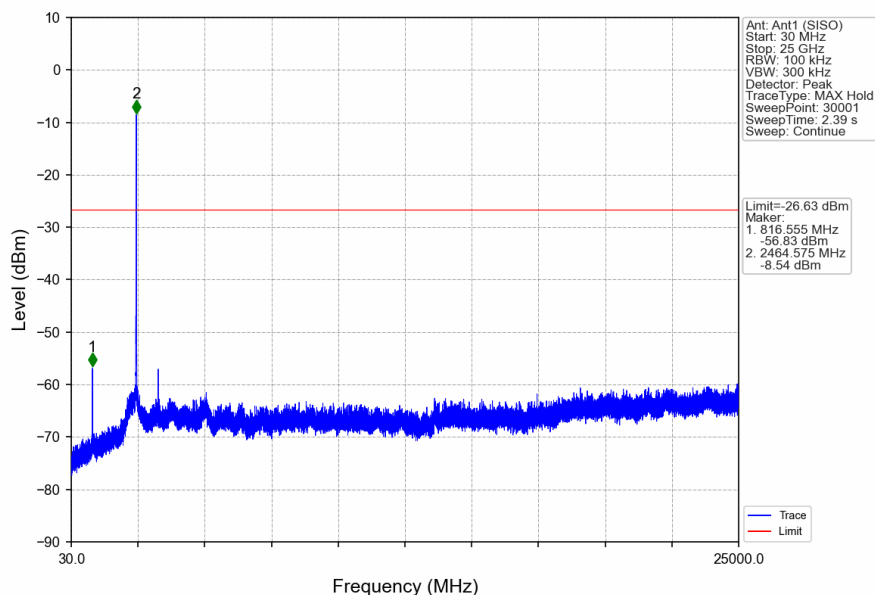
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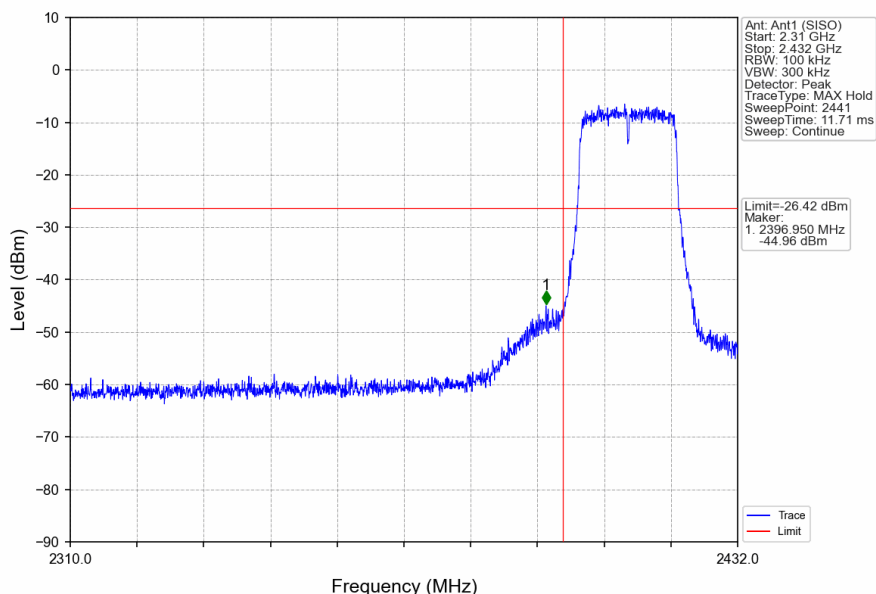
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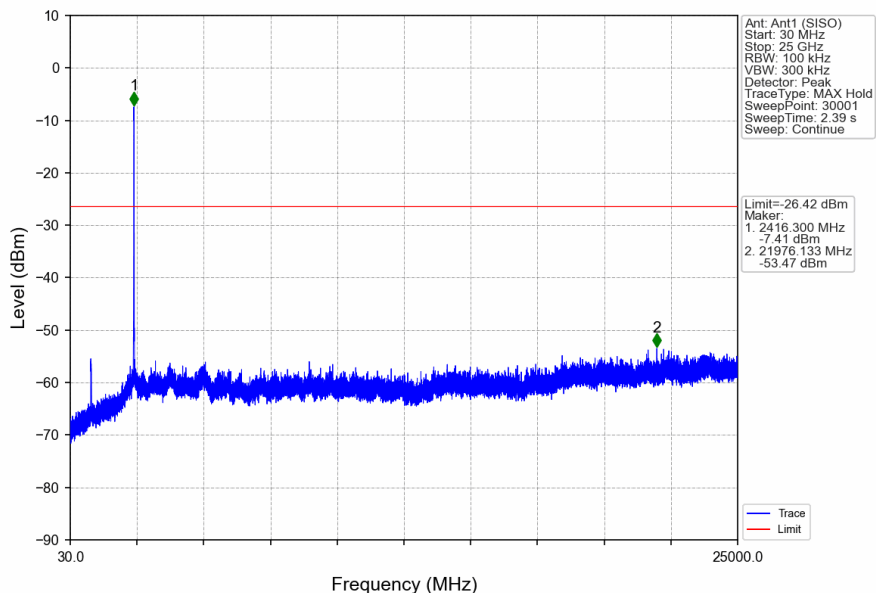
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802.11n(HT20)_LCH_2412MHz_Ant1 (SISO)_NTNV



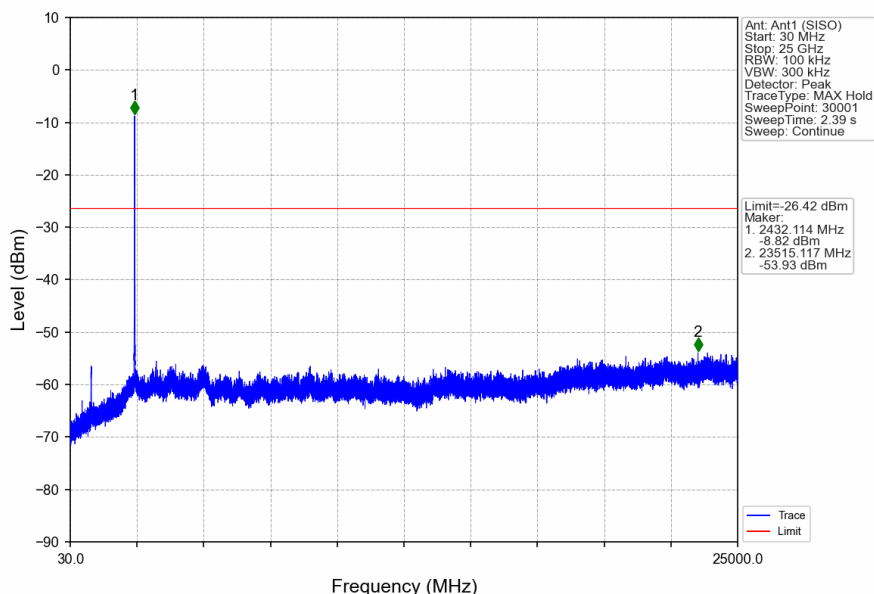
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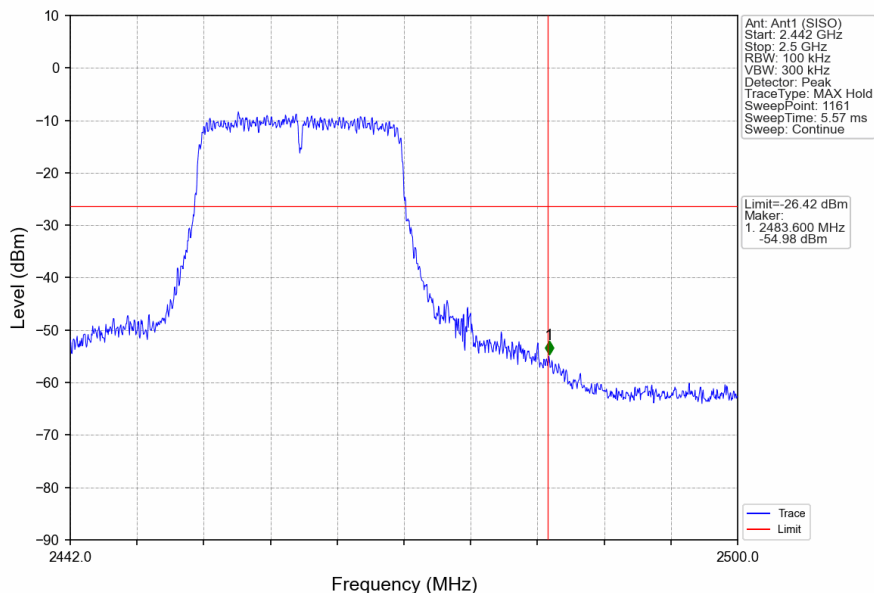
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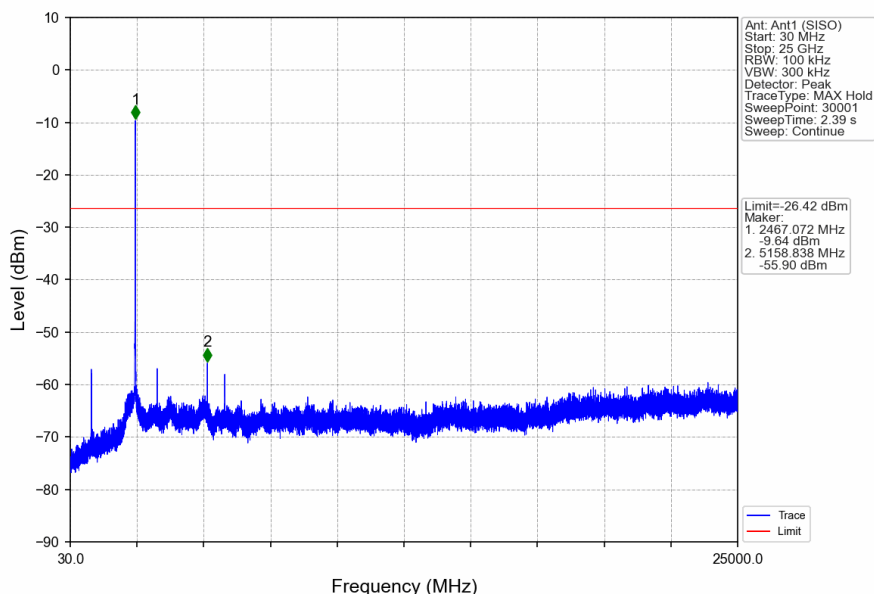
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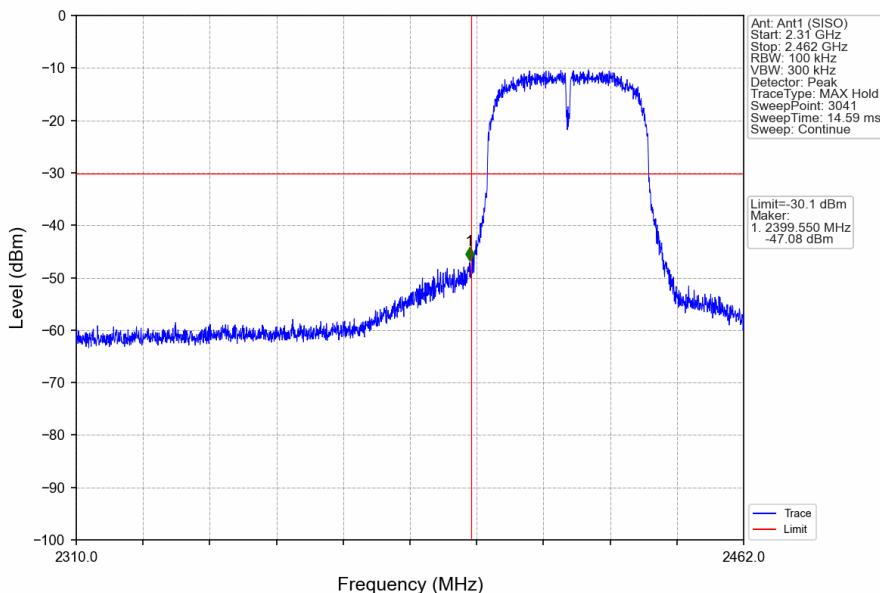
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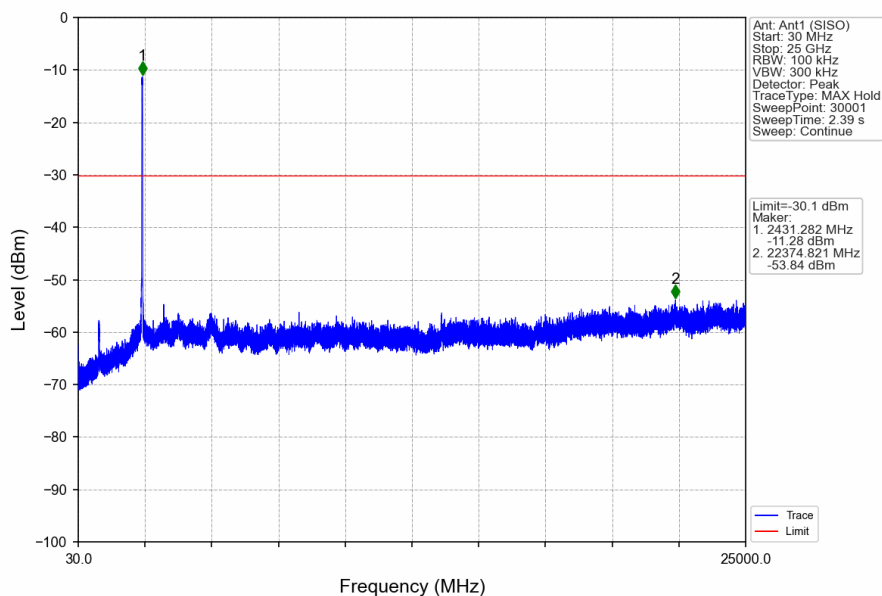
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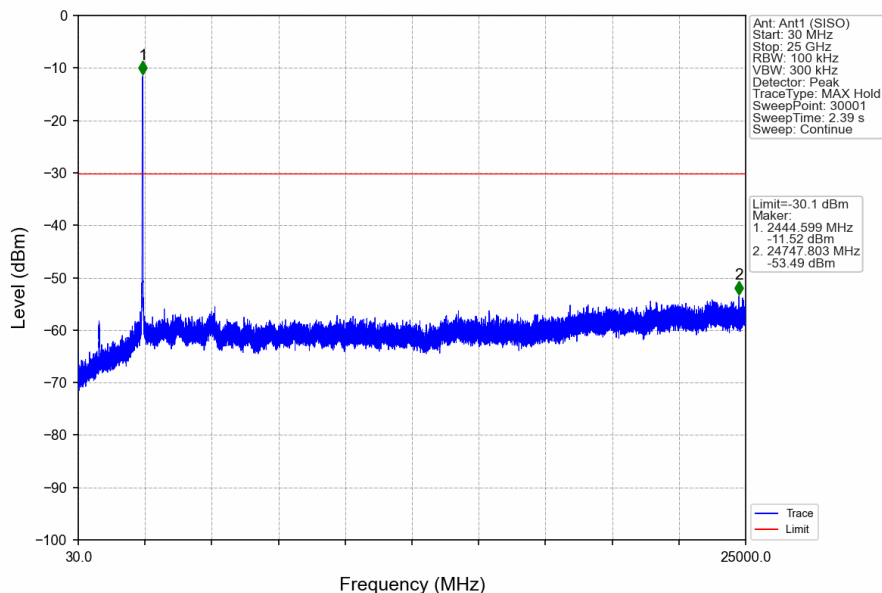
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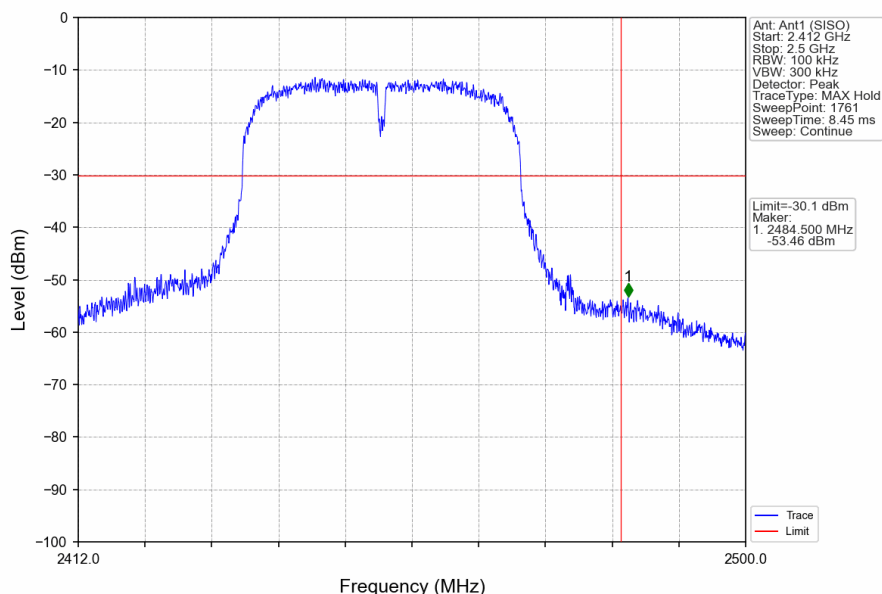
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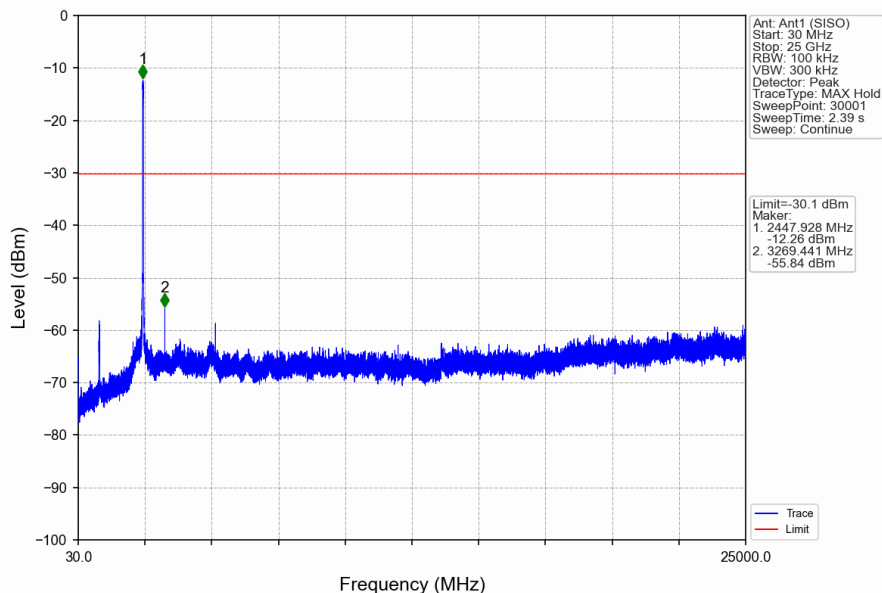
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- End of the Report -



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