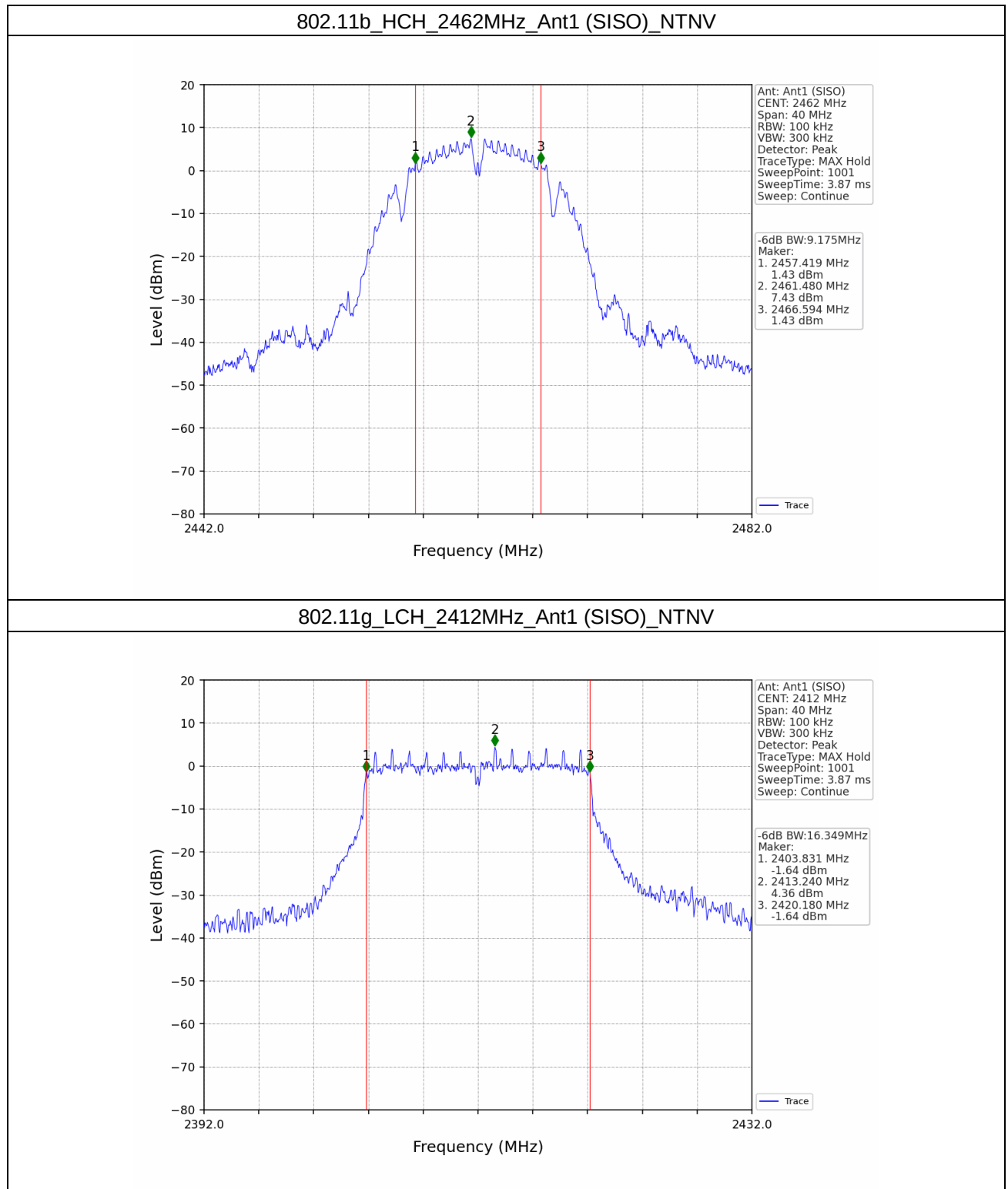


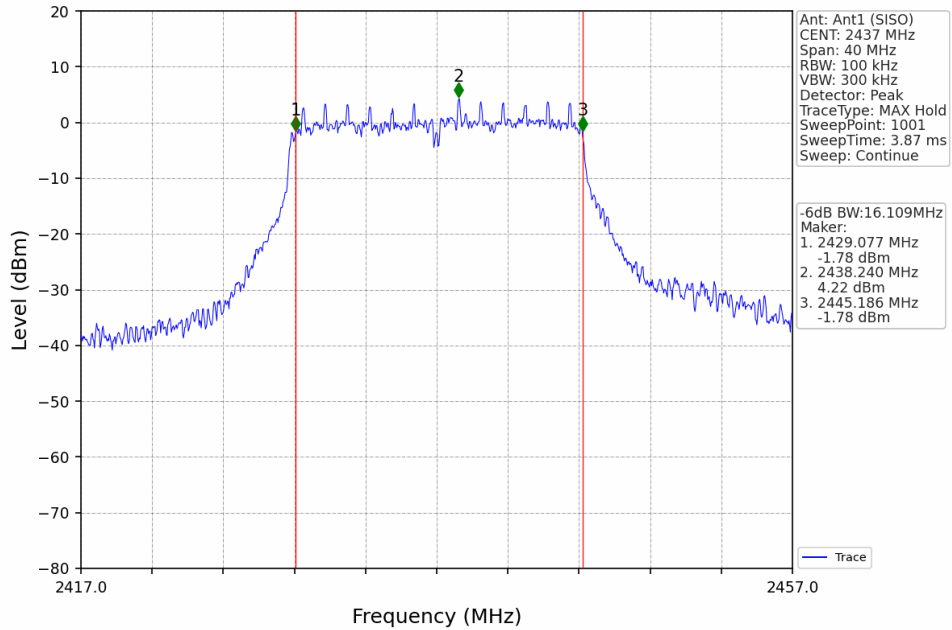


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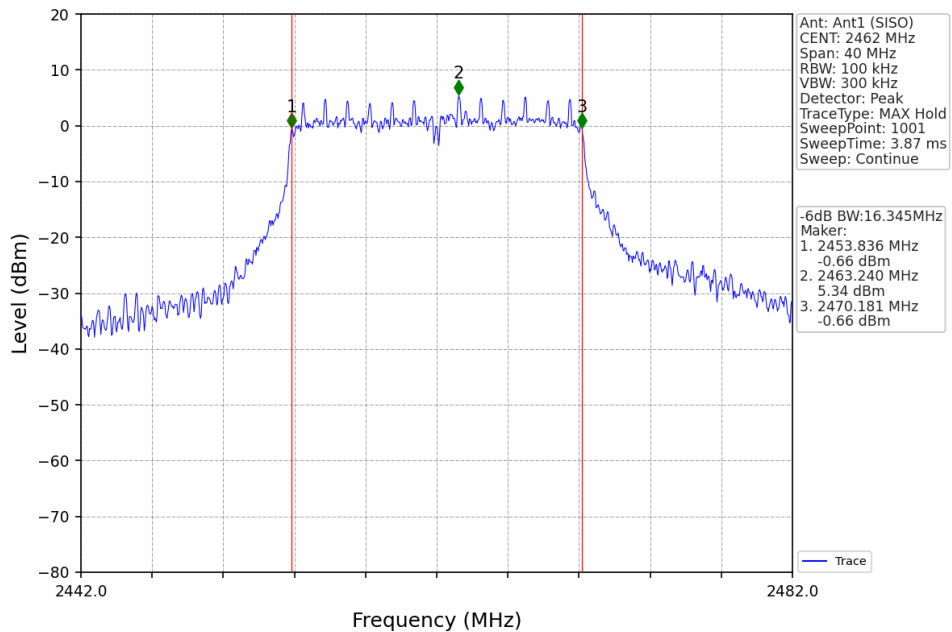
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Guangzhou Branch, SGS China EEC Laboratory. 中国·广州·经济技术开发区科学城科珠路198号 邮编: 510663 t (86-20) 82155555 f (86-20) 82075058 sgs.china@sgs.com

802.11g_MCH_2437MHz_Ant1 (SISO)_NTNV

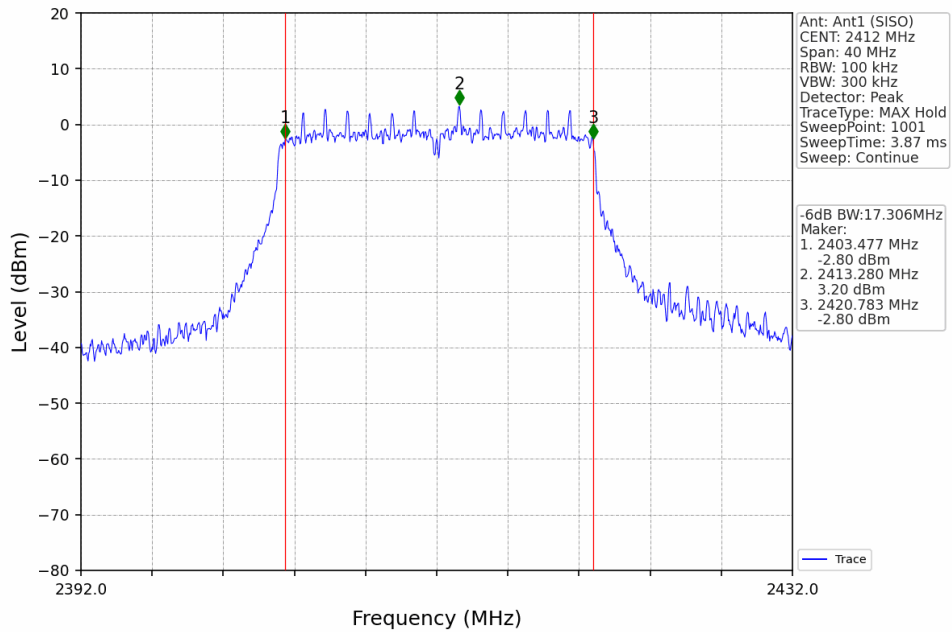


802.11g_HCH_2462MHz_Ant1 (SISO)_NTNV

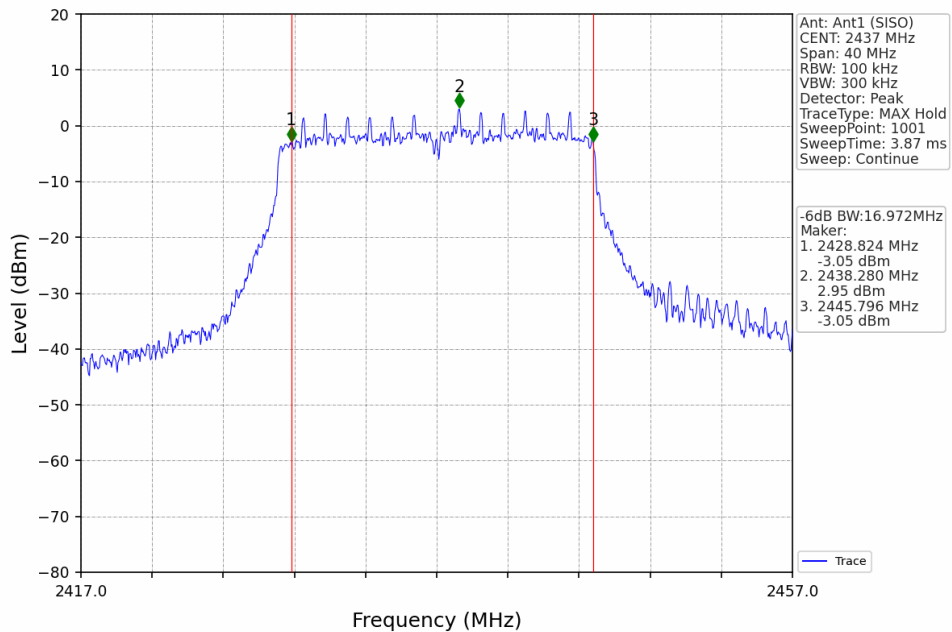


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802.11n(HT20)_LCH_2412MHz_Ant1 (SISO)_NTNV

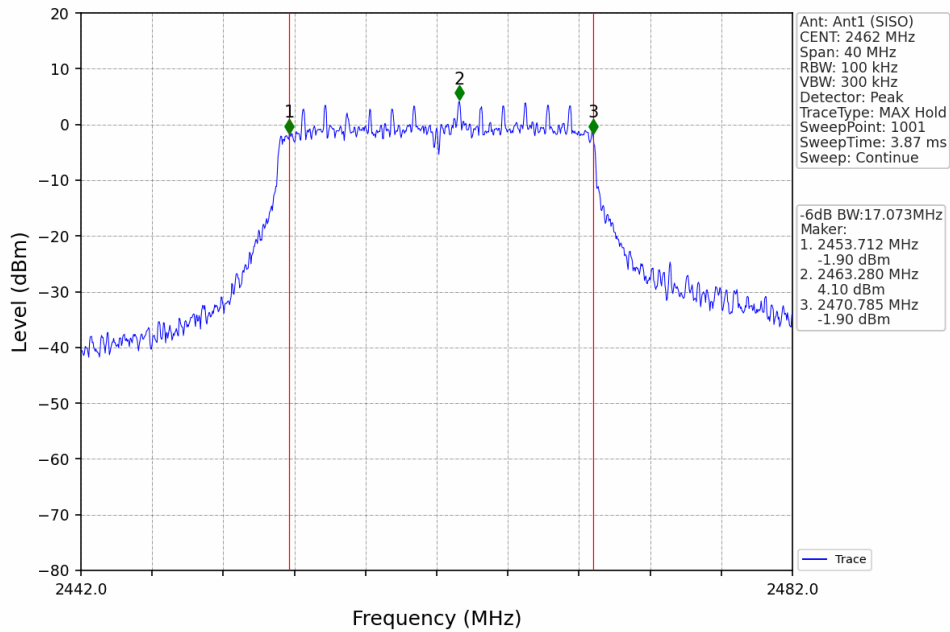


802.11n(HT20)_MCH_2437MHz_Ant1 (SISO)_NTNV

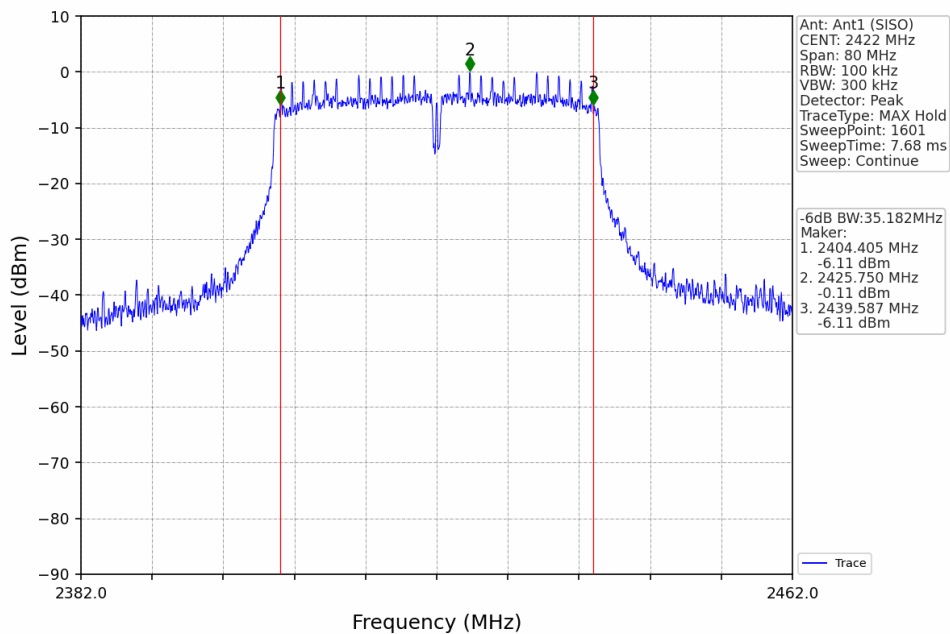


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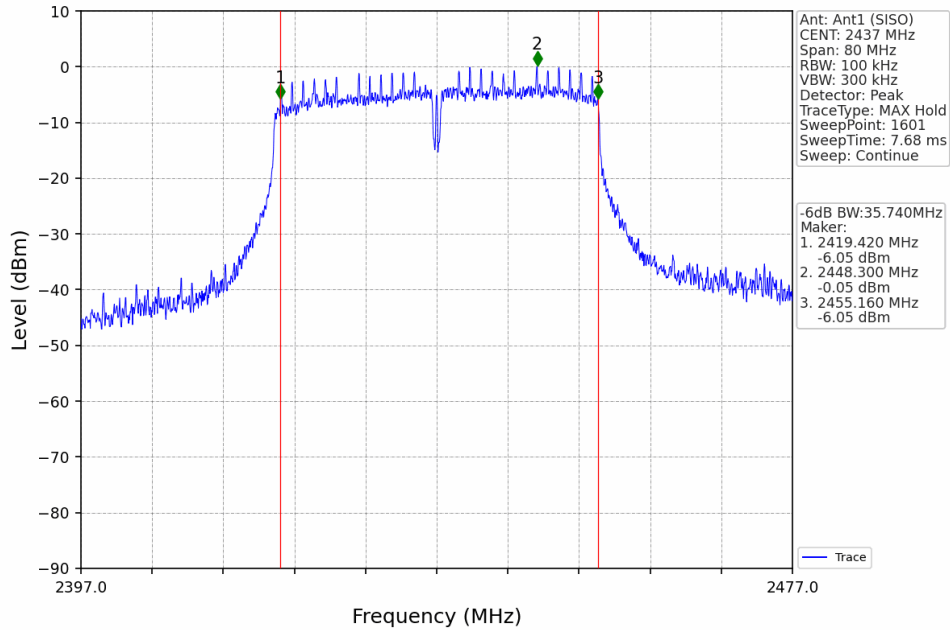
802.11n(HT20)_HCH_2462MHz_Ant1 (SISO)_NTNV



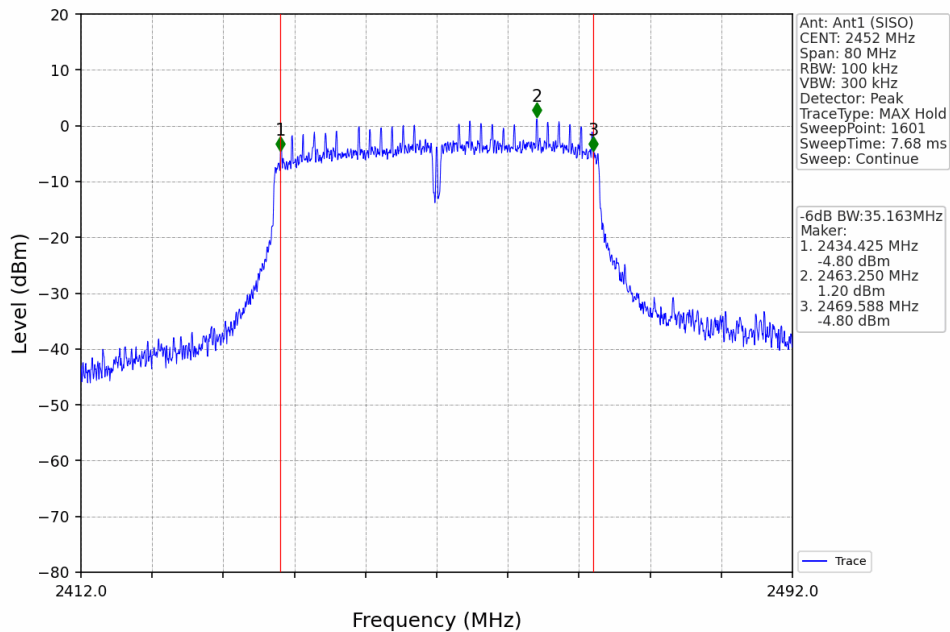
802.11n(HT40)_LCH_2422MHz_Ant1 (SISO)_NTNV



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 Average Conducted Output Power (dBm)		Verdict
			ANT1	Limit	
802.11b	SISO	2412	14.86	<=30	Pass
		2437	14.55	<=30	Pass
		2462	12.30	<=30	Pass
802.11g	SISO	2412	12.14	<=30	Pass
		2437	14.99	<=30	Pass
		2462	13.78	<=30	Pass
802.11n (HT20)	SISO	2412	13.91	<=30	Pass
		2437	13.81	<=30	Pass
		2462	14.85	<=30	Pass
802.11n (HT40)	SISO	2422	11.34	<=30	Pass
		2437	13.82	<=30	Pass
		2452	12.22	<=30	Pass

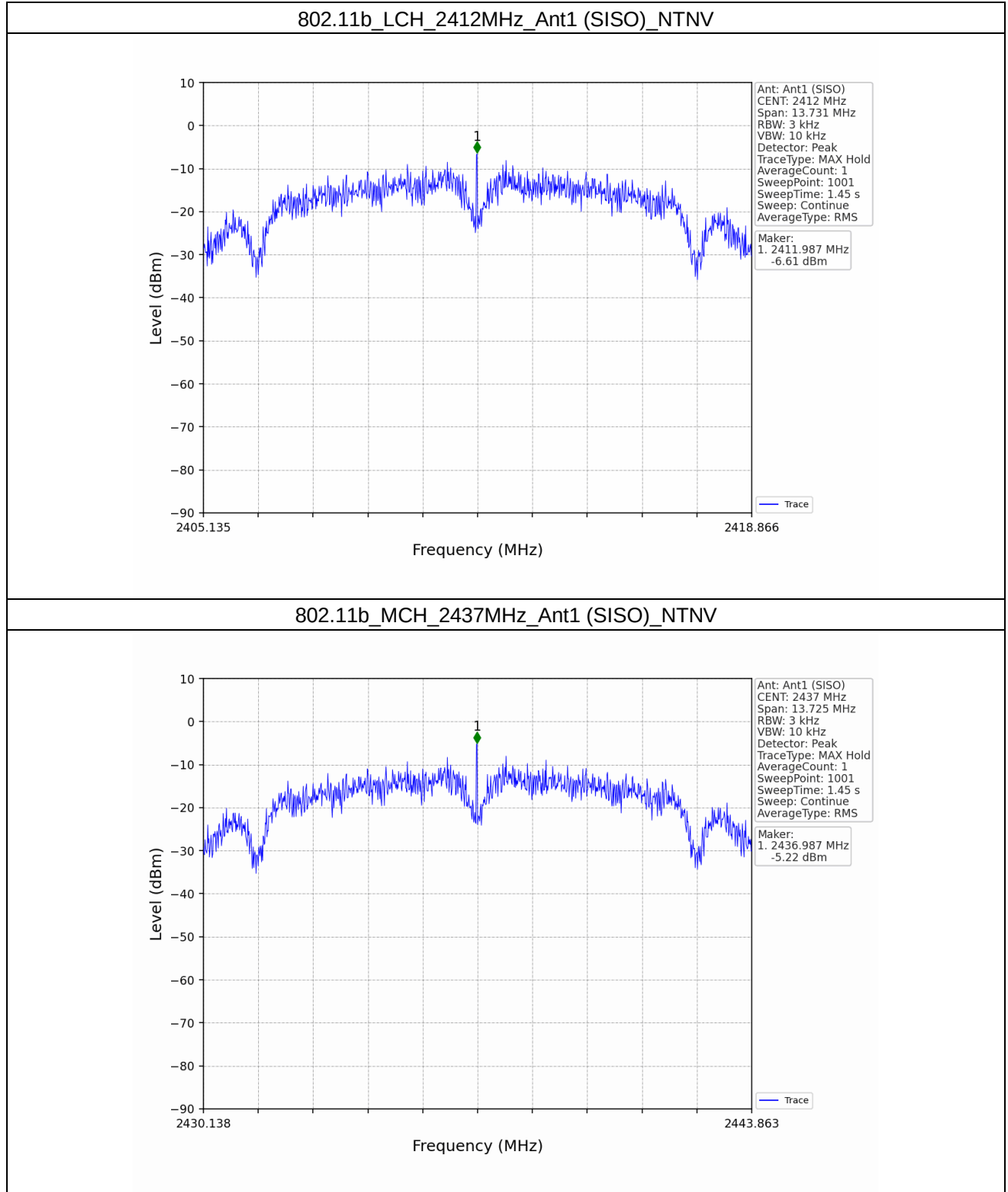
4. Maximum Power Spectral Density

4.1 PSD

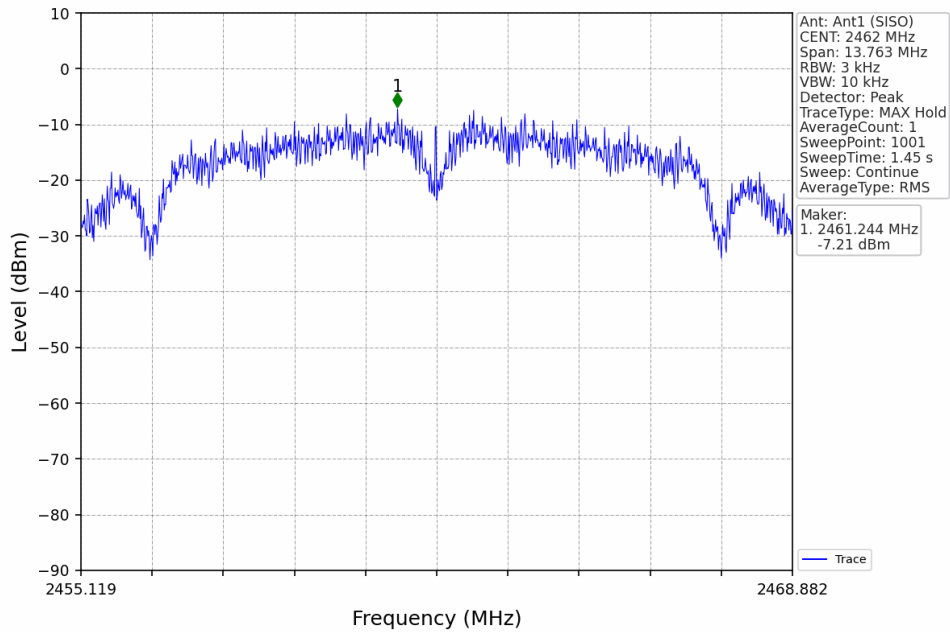
4.1.1 Test Result

Mode	TX Type	Frequency (MHz)	Maximum PSD (dBm/3kHz)		Verdict
			ANT1	Limit	
802.11b	SISO	2412	-6.61	<=8	Pass
		2437	-5.22	<=8	Pass
		2462	-7.21	<=8	Pass
802.11g	SISO	2412	-15.10	<=8	Pass
		2437	-6.94	<=8	Pass
		2462	-12.10	<=8	Pass
802.11n (HT20)	SISO	2412	-8.91	<=8	Pass
		2437	-7.05	<=8	Pass
		2462	-5.52	<=8	Pass
802.11n (HT40)	SISO	2422	-16.02	<=8	Pass
		2437	-12.58	<=8	Pass
		2452	-15.32	<=8	Pass

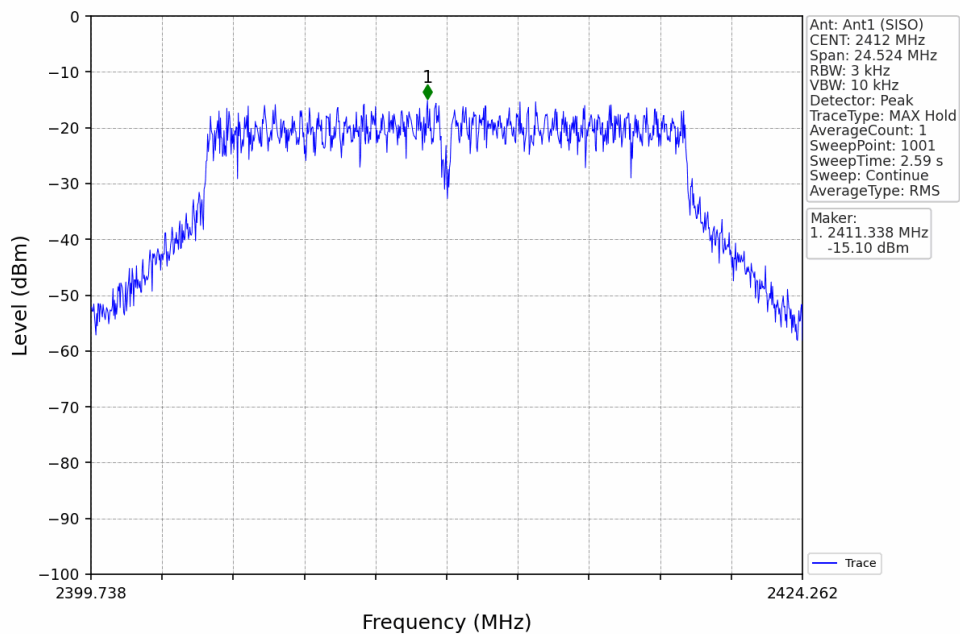
4.1.2 Test Graph



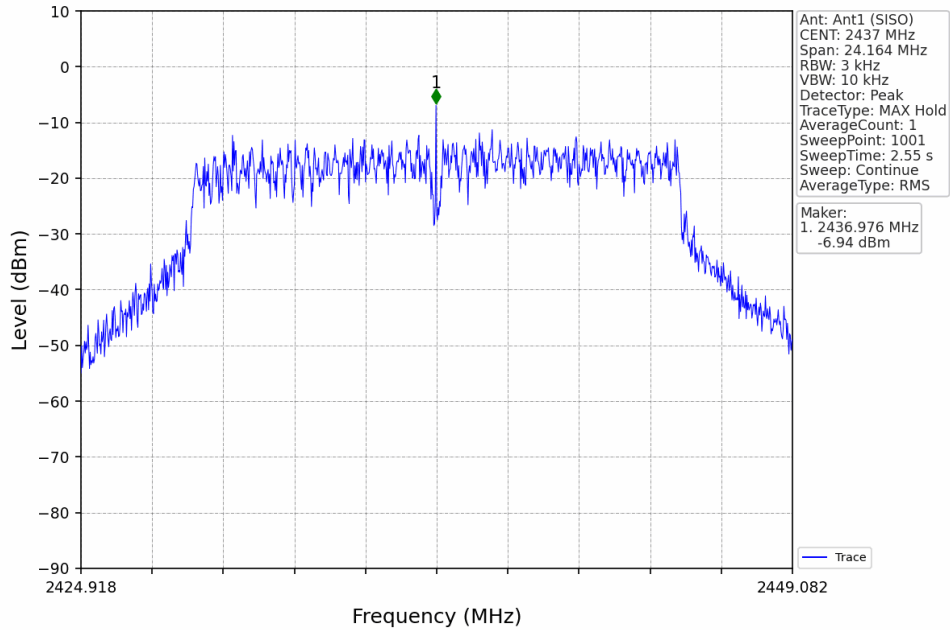
802.11b_HCH_2462MHz_Ant1 (SISO)_NTNV



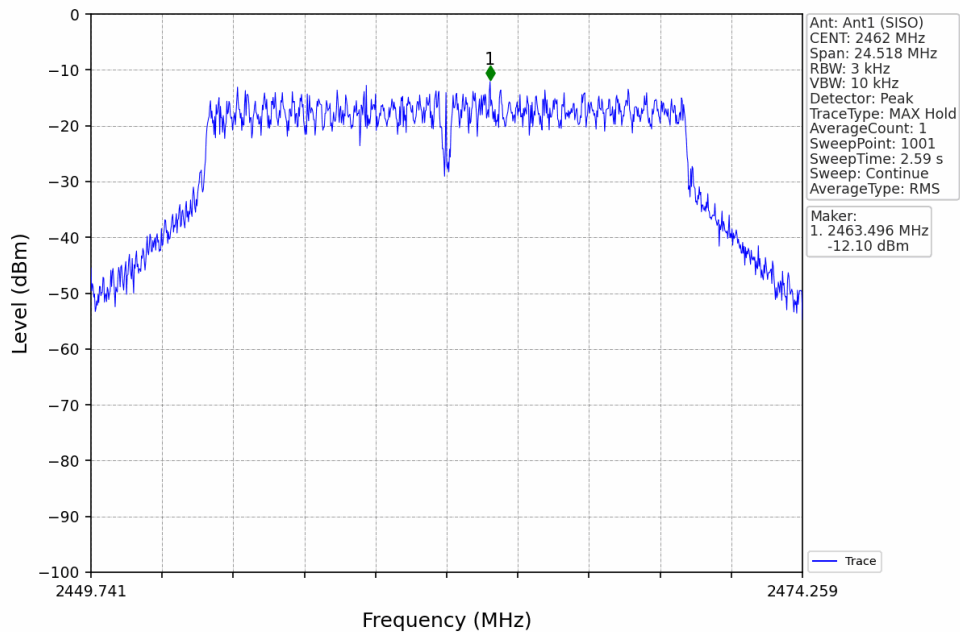
802.11g_LCH_2412MHz_Ant1 (SISO)_NTNV



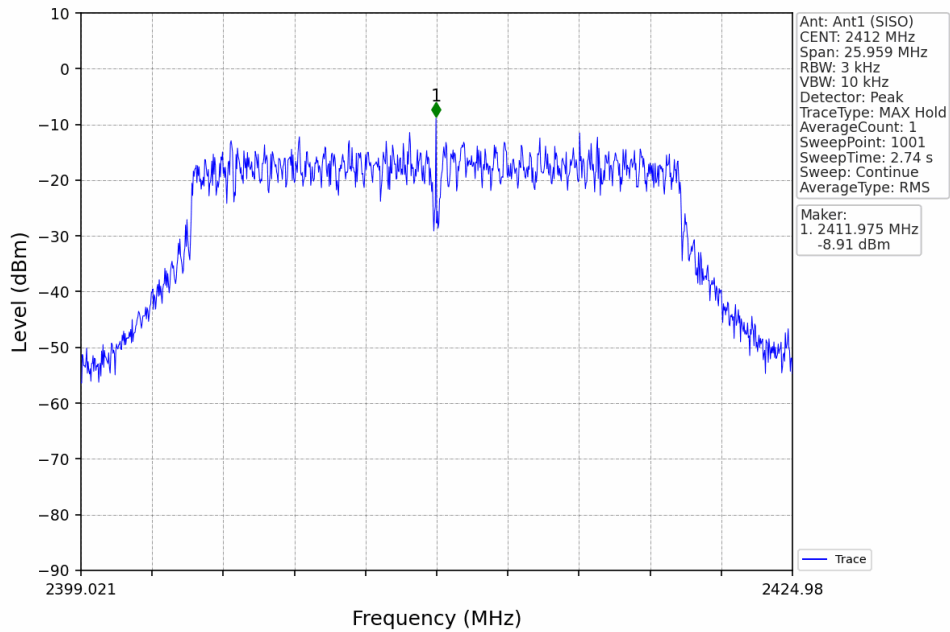
802.11g_MCH_2437MHz_Ant1 (SISO)_NTNV



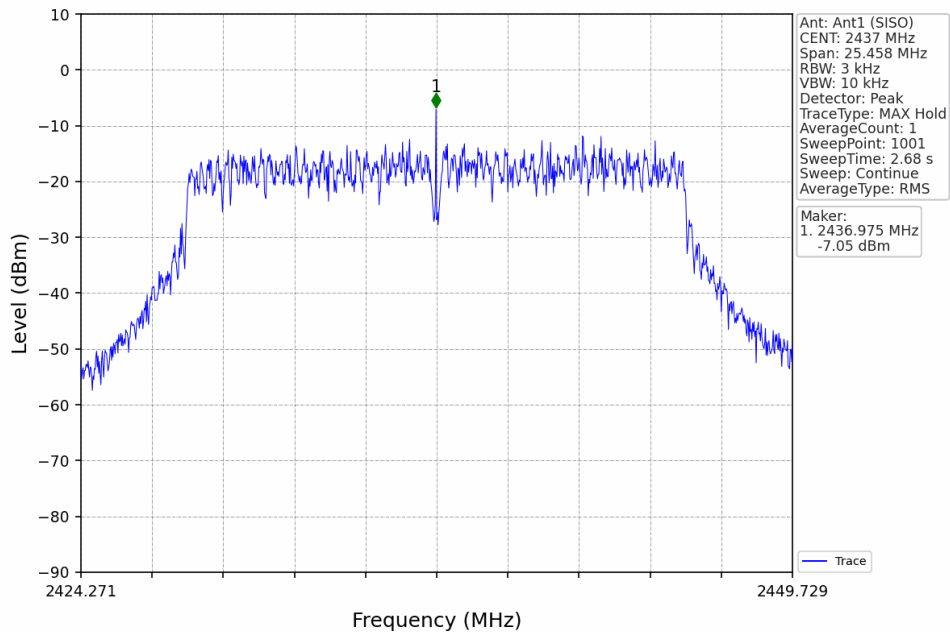
802.11g_HCH_2462MHz_Ant1 (SISO)_NTNV



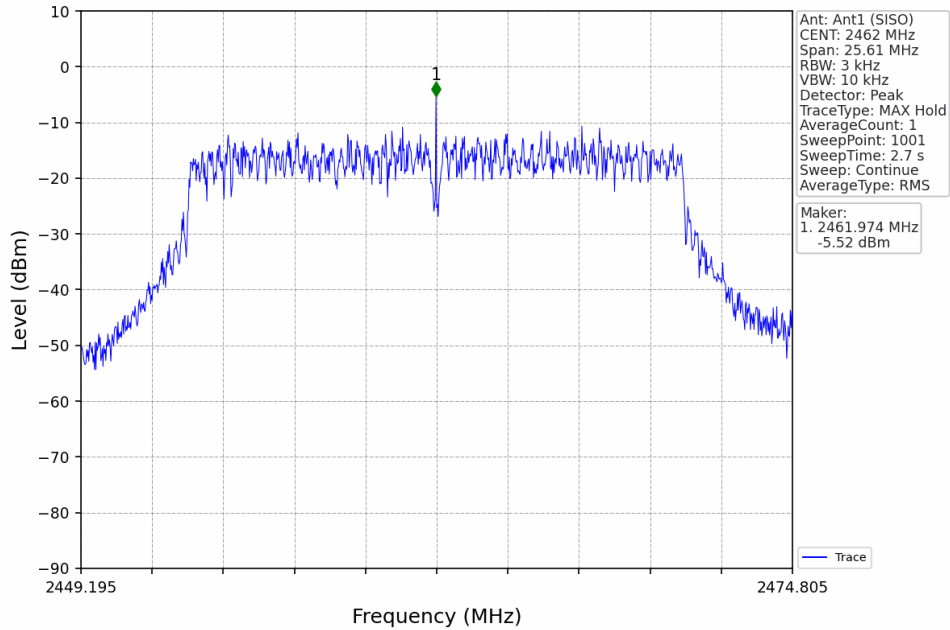
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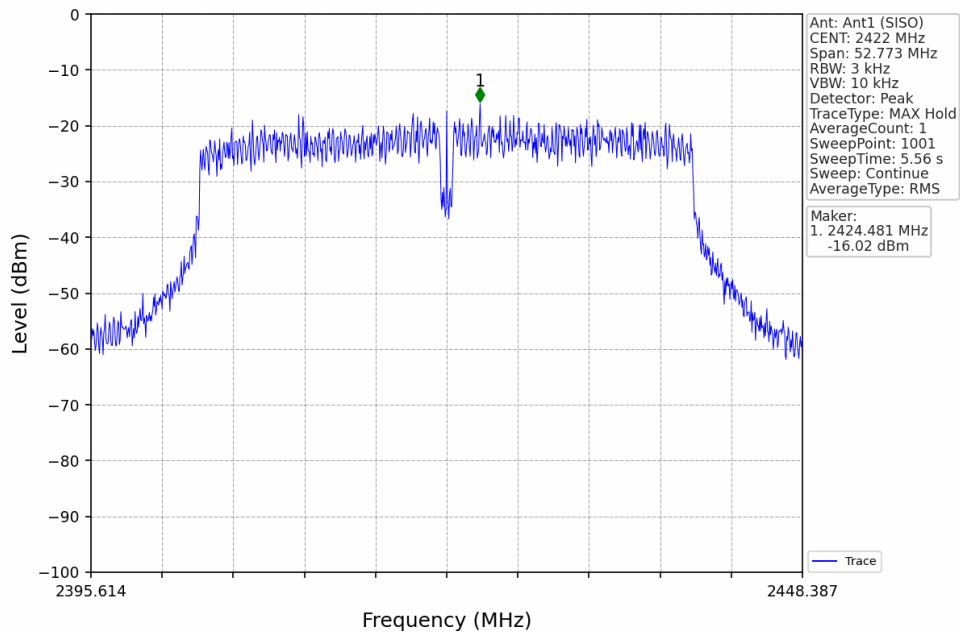
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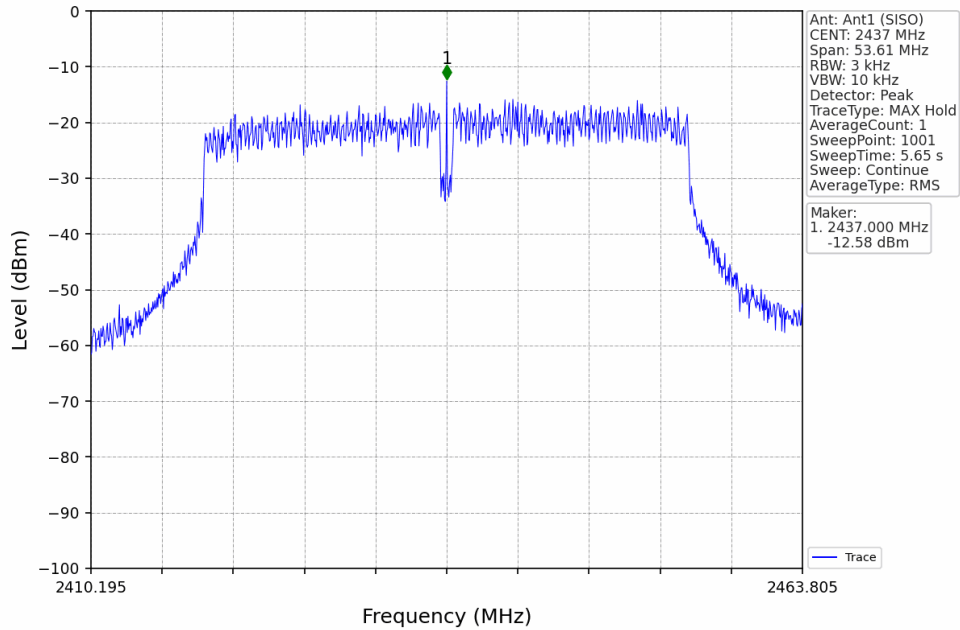
802.11n(HT20)_HCH_2462MHz_Ant1 (SISO)_NTNV



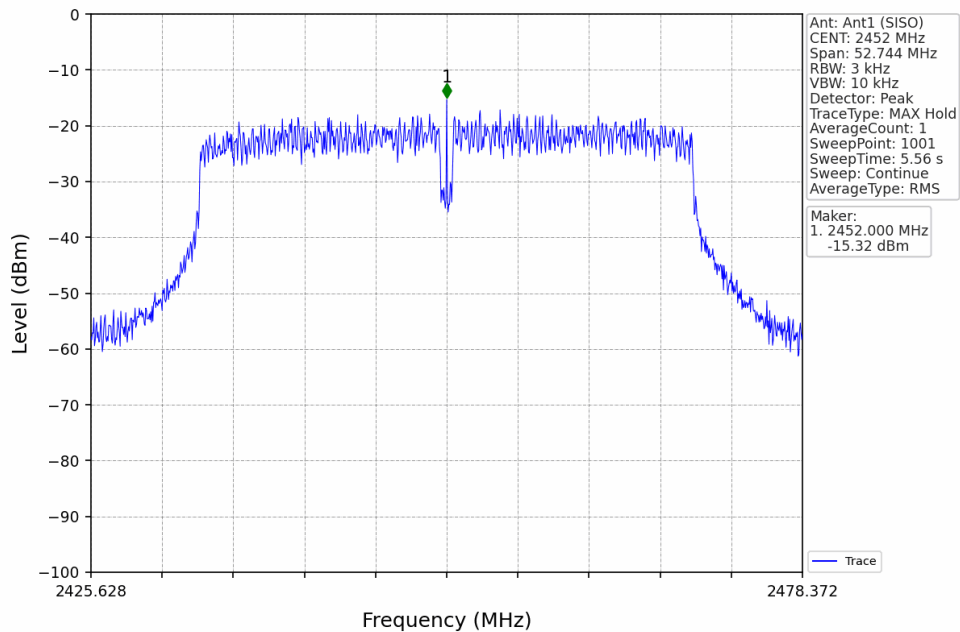
802.11n(HT40)_LCH_2422MHz_Ant1 (SISO)_NTNV



802.11n(HT40)_MCH_2437MHz_Ant1 (SISO)_NTNV



802.11n(HT40)_HCH_2452MHz_Ant1 (SISO)_NTNV



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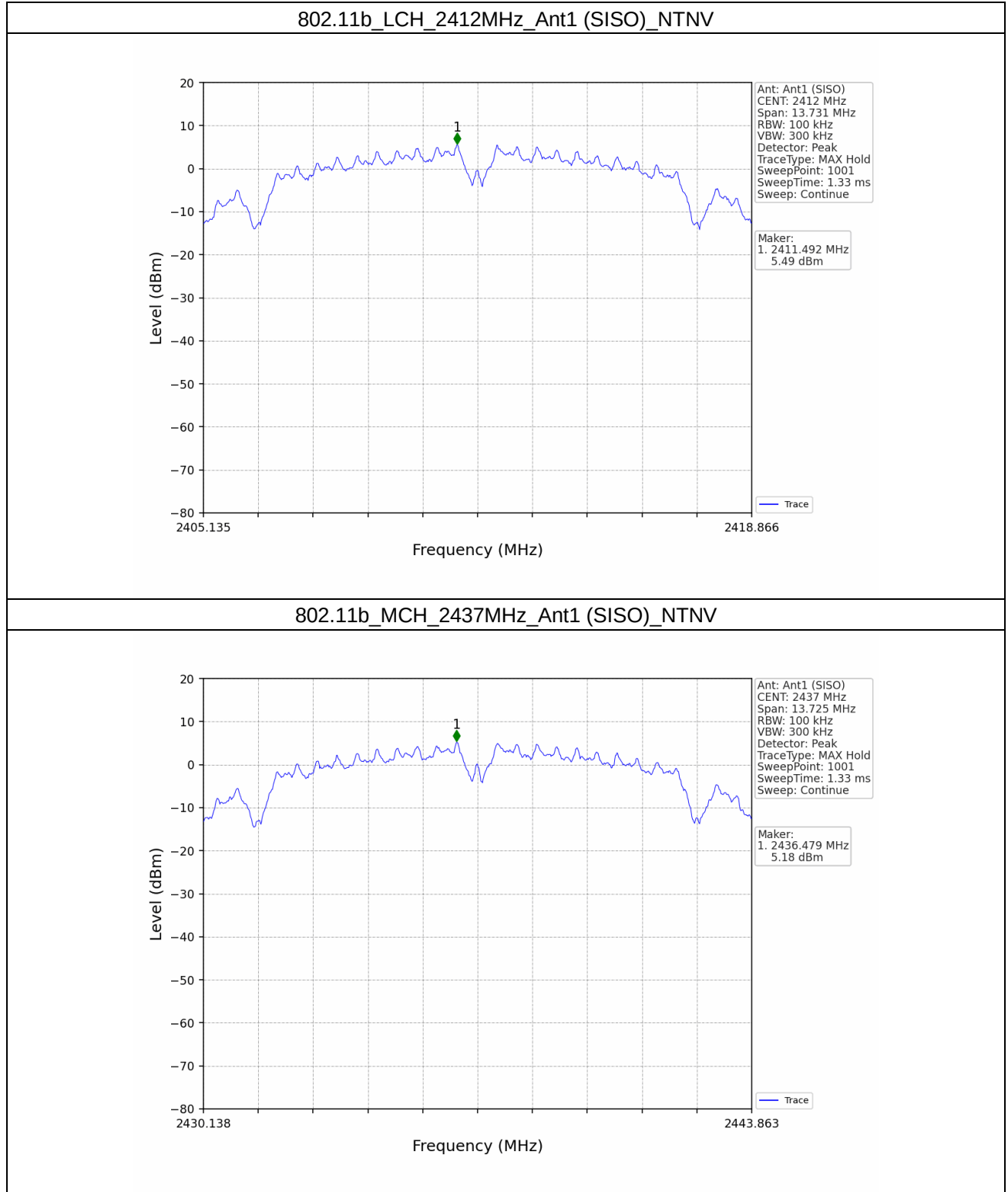
5. Unwanted Emissions In Non-restricted Frequency Bands

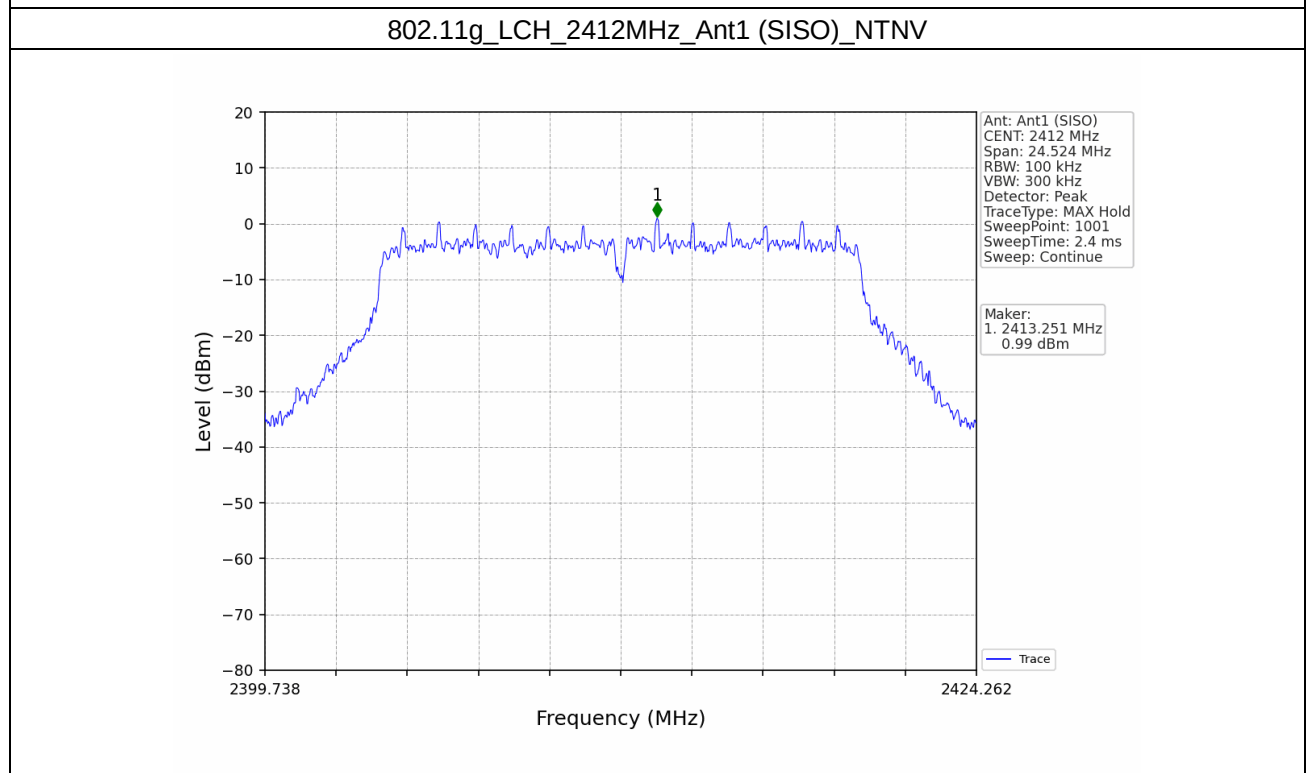
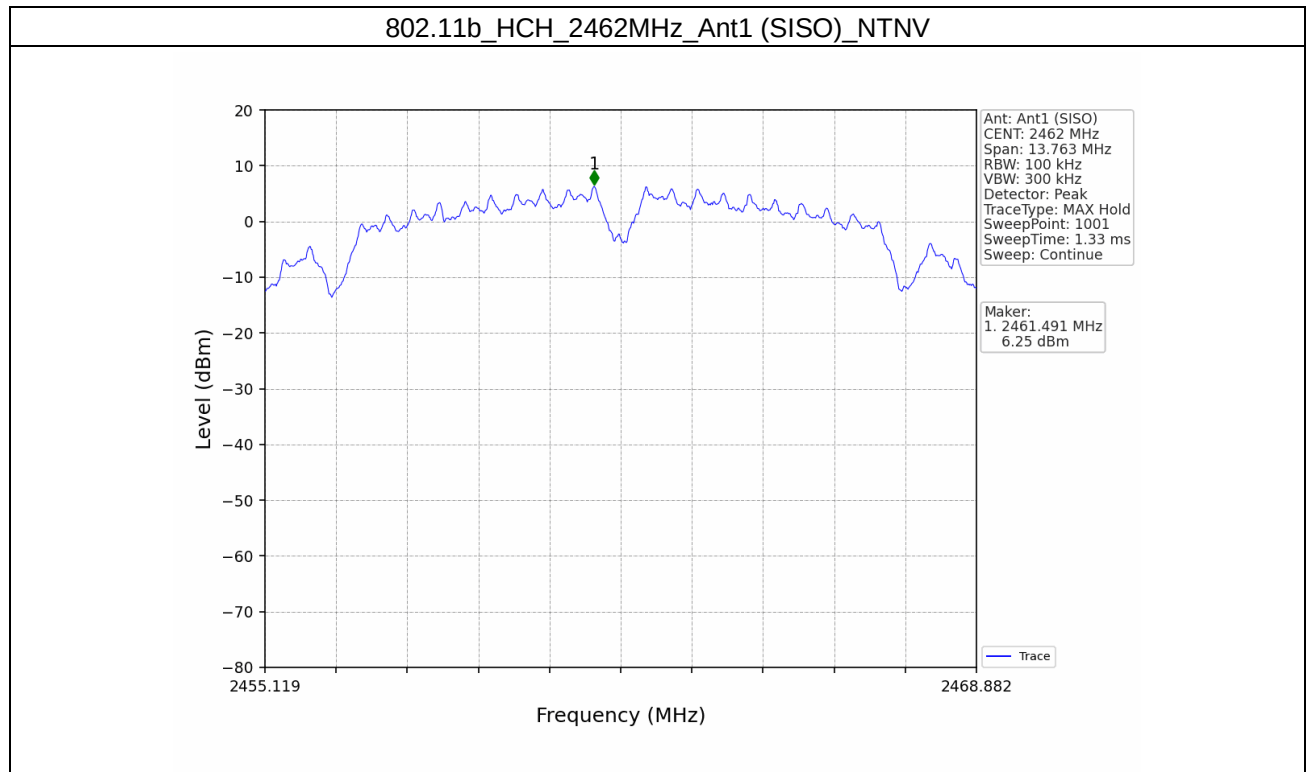
5.1 Ref

5.1.1 Test Result

Mode	TX Type	Frequency (MHz)	ANT	Level of Reference (dBm)
802.11b	SISO	2412	1	5.49
		2437	1	5.18
		2462	1	6.25
802.11g	SISO	2412	1	0.99
		2437	1	4.26
		2462	1	2.71
802.11n (HT20)	SISO	2412	1	2.82
		2437	1	2.72
		2462	1	4.05
802.11n (HT40)	SISO	2422	1	-2.40
		2437	1	0.20
		2452	1	-1.66

5.1.2 Test Graph



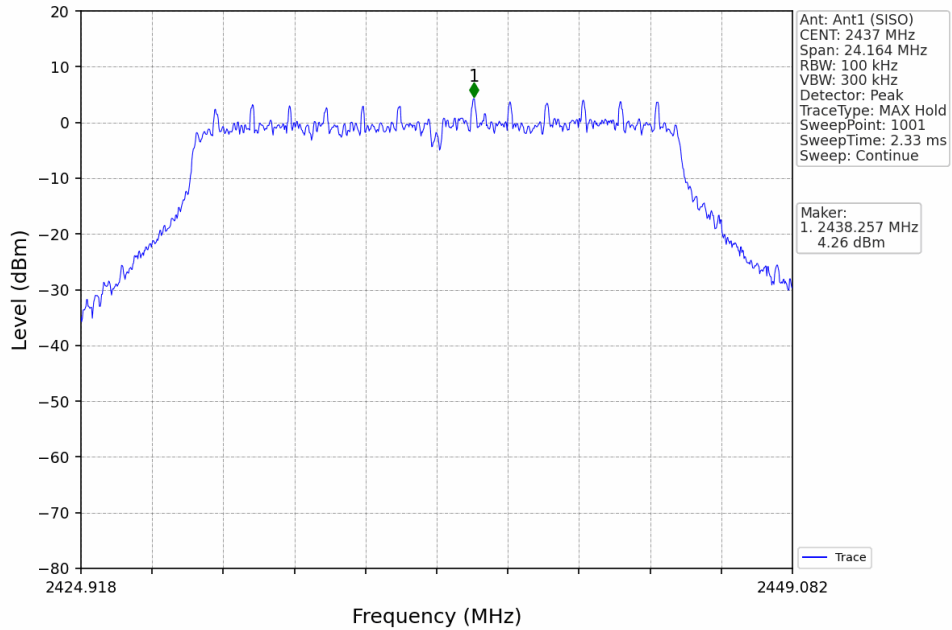


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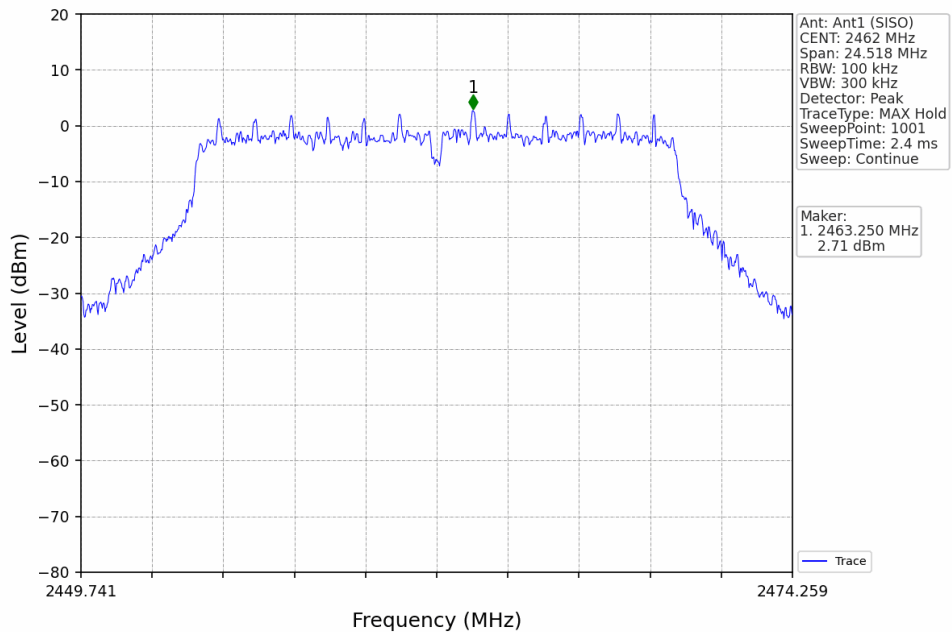
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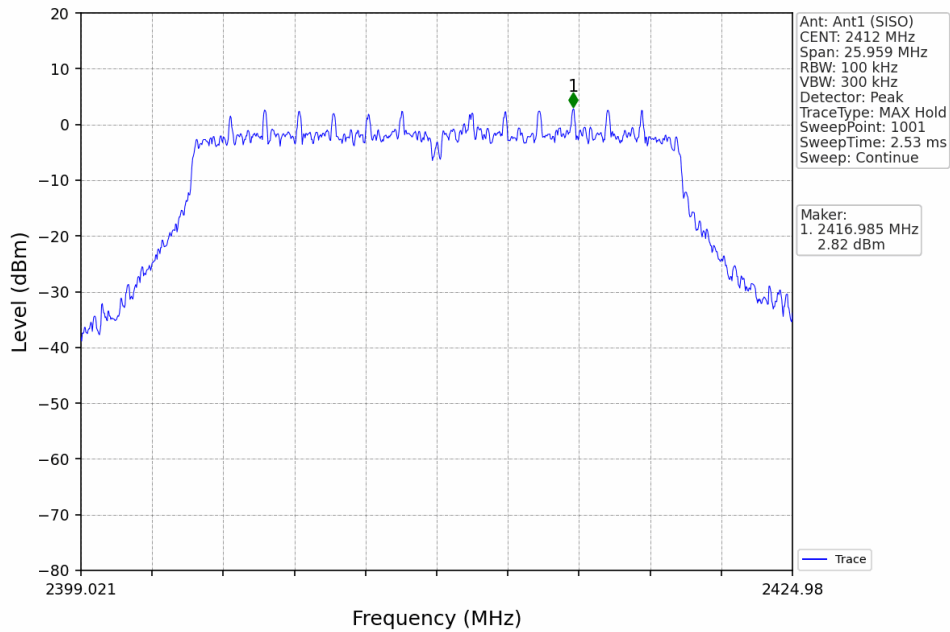
802.11g_MCH_2437MHz_Ant1 (SISO)_NTNV



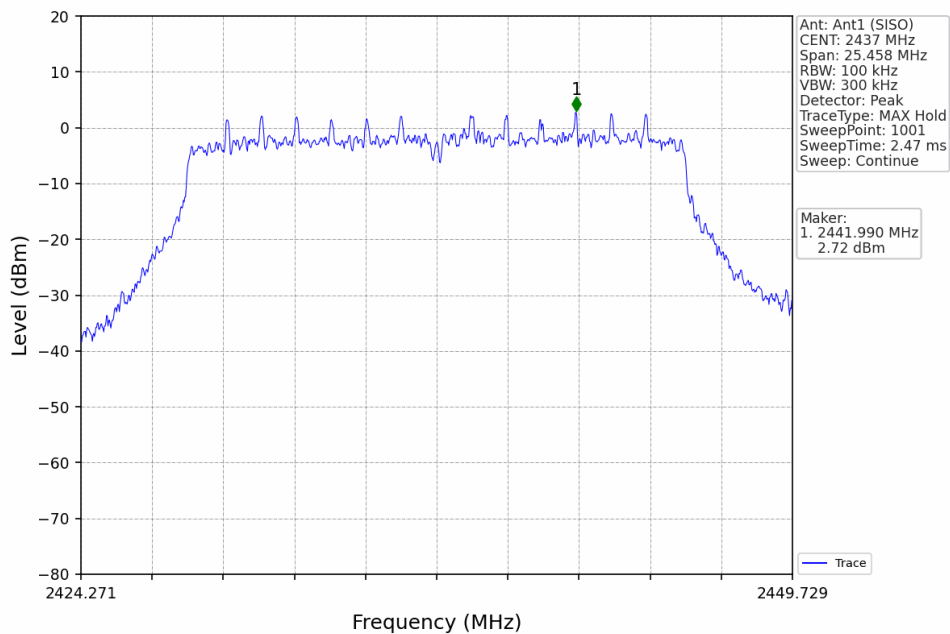
802.11g_HCH_2462MHz_Ant1 (SISO)_NTNV



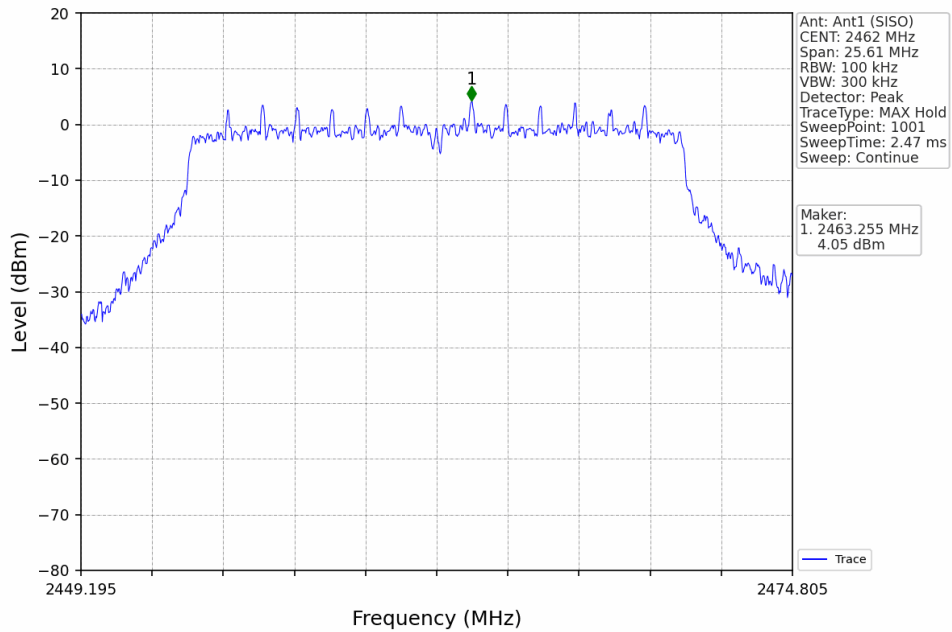
802.11n(HT20)_LCH_2412MHz_Ant1 (SISO)_NTNV



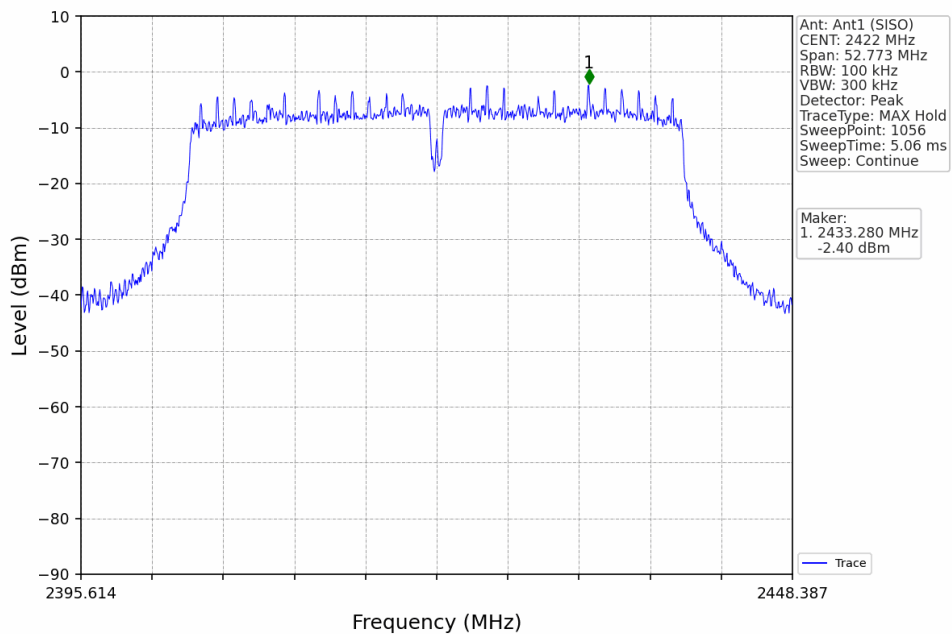
802.11n(HT20)_MCH_2437MHz_Ant1 (SISO)_NTNV



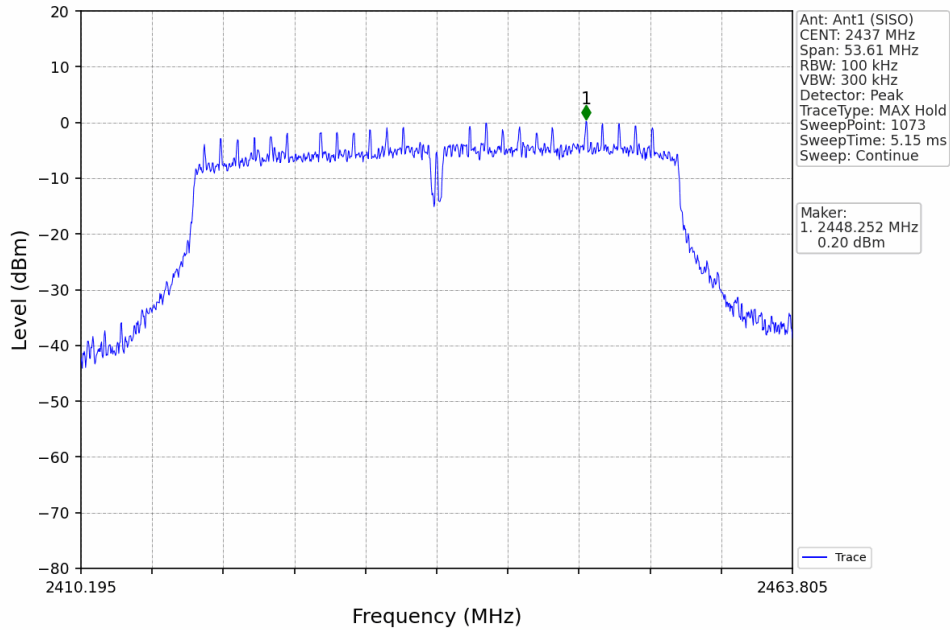
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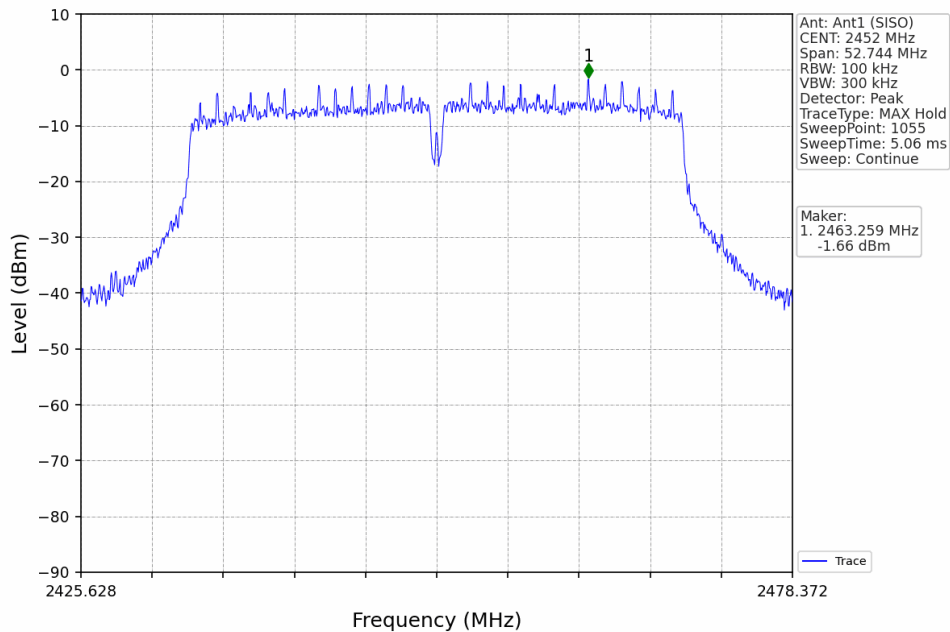
802.11n(HT40)_LCH_2422MHz_Ant1 (SISO)_NTNV



802.11n(HT40)_MCH_2437MHz_Ant1 (SISO)_NTNV



802.11n(HT40)_HCH_2452MHz_Ant1 (SISO)_NTNV

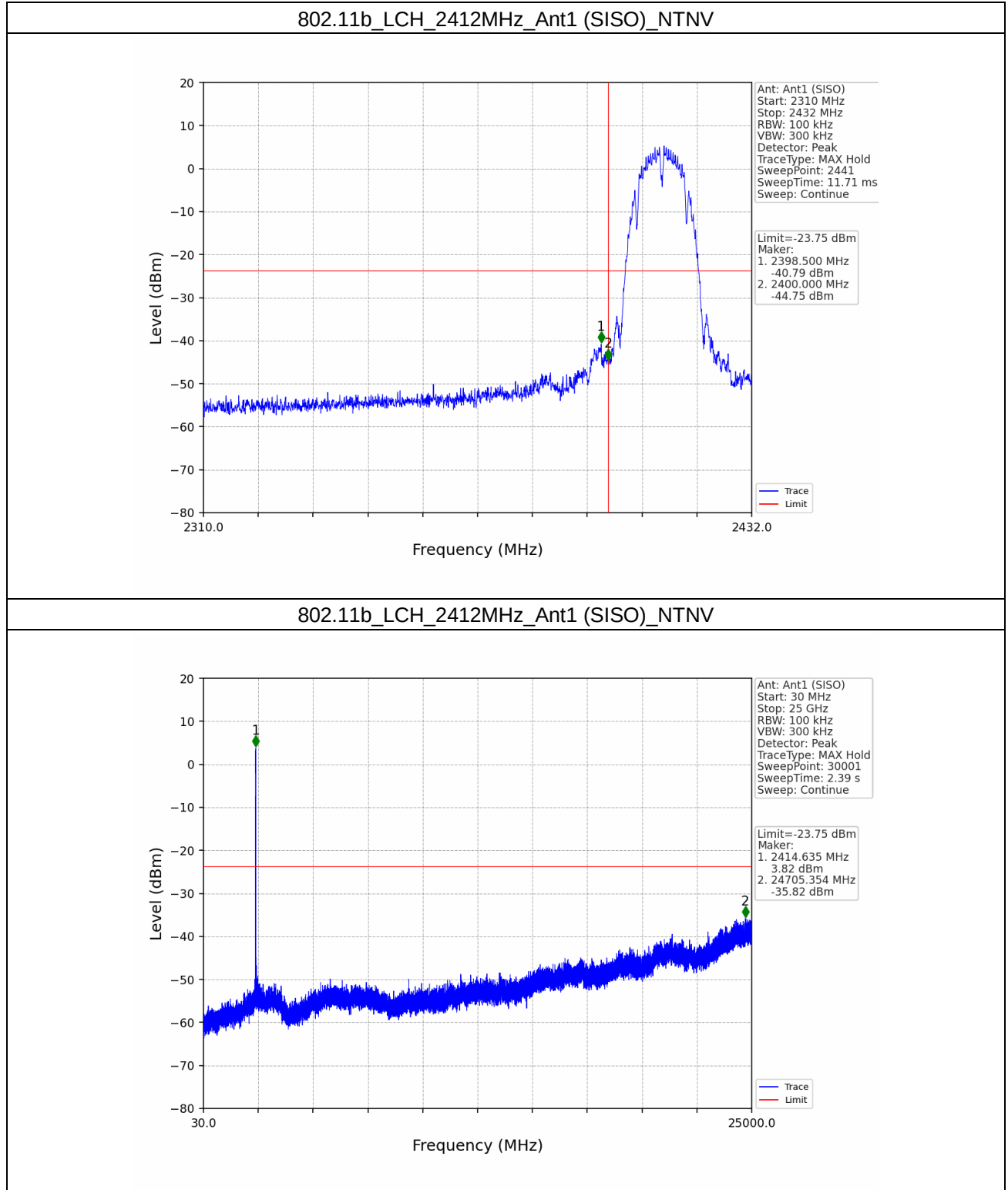


5.2 CSE

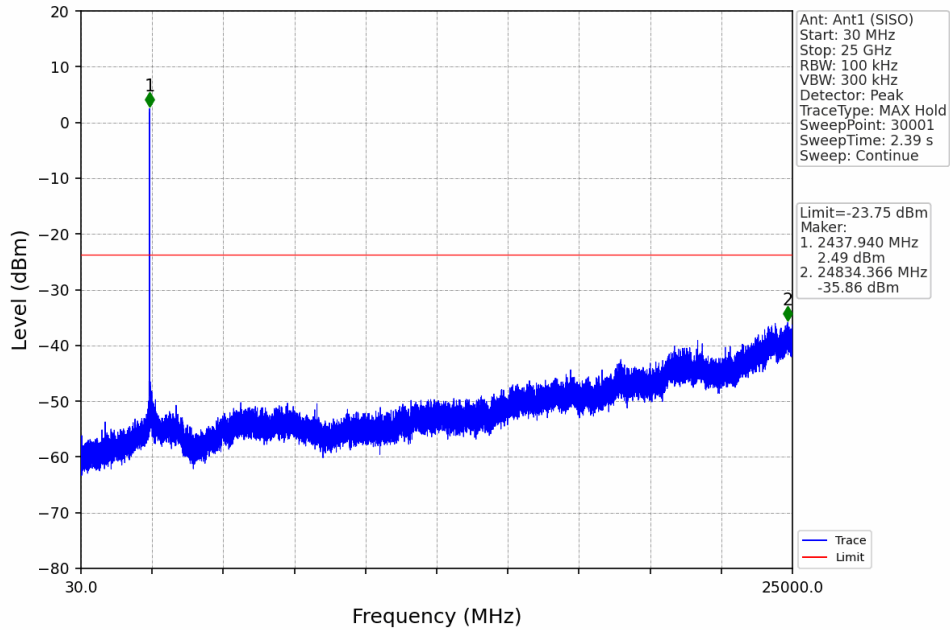
5.2.1 Test Result

Mode	TX Type	Frequency (MHz)	ANT	Level of Reference (dBm)	Limit (dBm)	Verdict
802.11b	SISO	2412	1	6.25	-23.75	Pass
		2437	1	6.25	-23.75	Pass
		2462	1	6.25	-23.75	Pass
802.11g	SISO	2412	1	4.26	-25.74	Pass
		2437	1	4.26	-25.74	Pass
		2462	1	4.26	-25.74	Pass
802.11n (HT20)	SISO	2412	1	4.05	-25.95	Pass
		2437	1	4.05	-25.95	Pass
		2462	1	4.05	-25.95	Pass
802.11n (HT40)	SISO	2422	1	0.20	-29.80	Pass
		2437	1	0.20	-29.80	Pass
		2452	1	0.20	-29.80	Pass

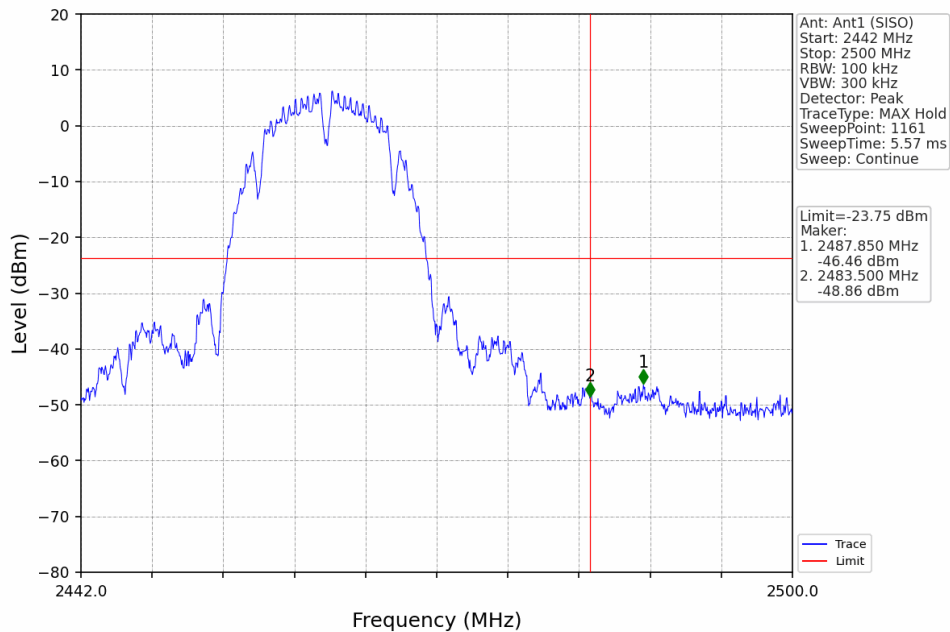
5.2.2 Test Graph



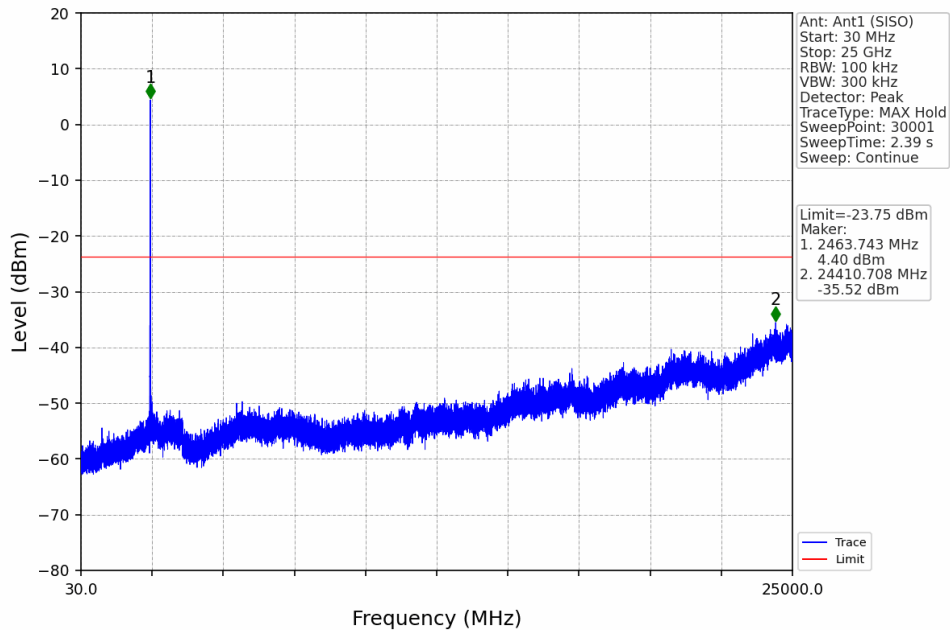
802.11b_MCH_2437MHz_Ant1 (SISO)_NTNV



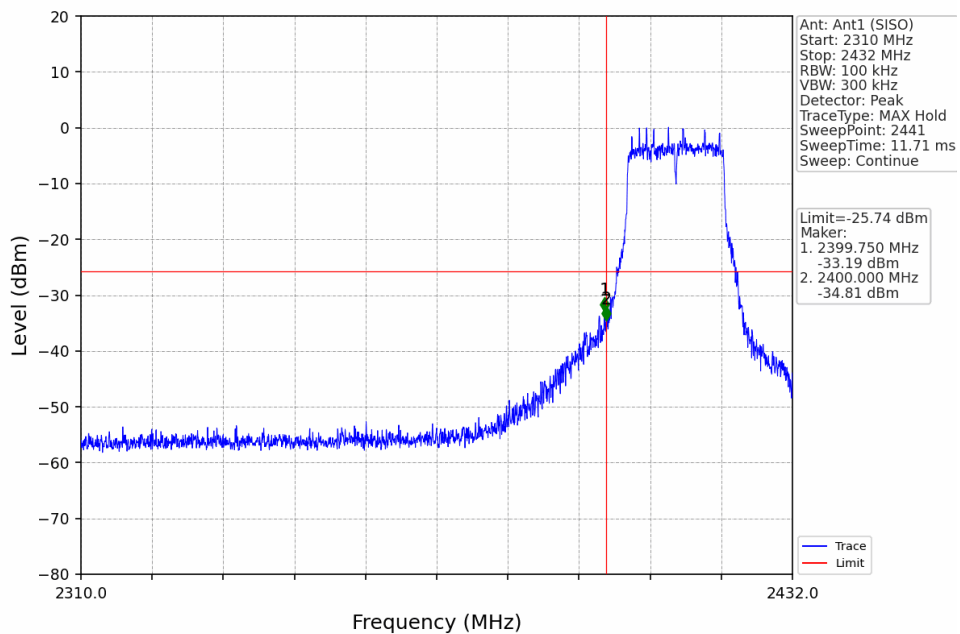
802.11b_HCH_2462MHz_Ant1 (SISO)_NTNV



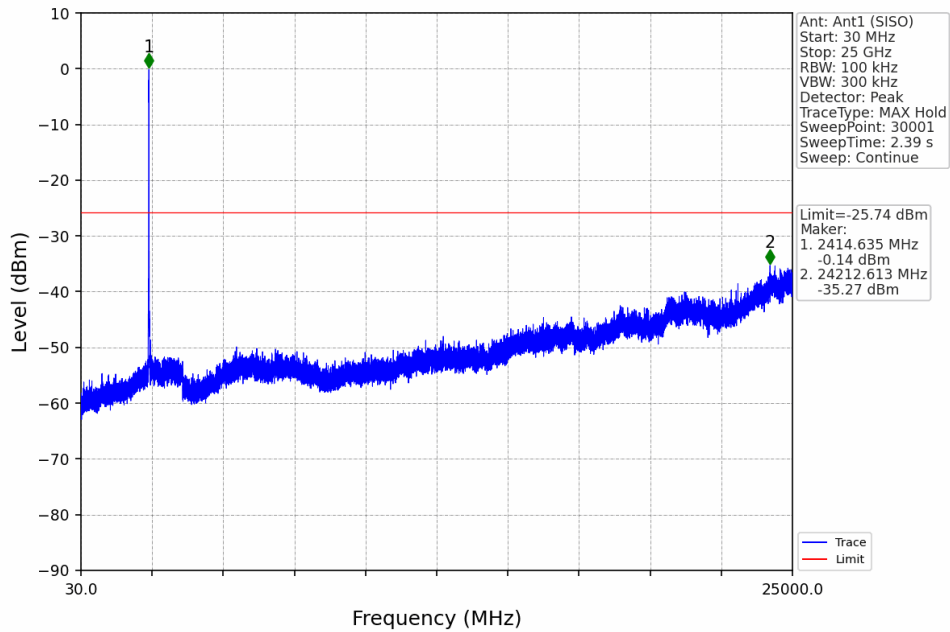
802.11b_HCH_2462MHz_Ant1 (SISO)_NTNV



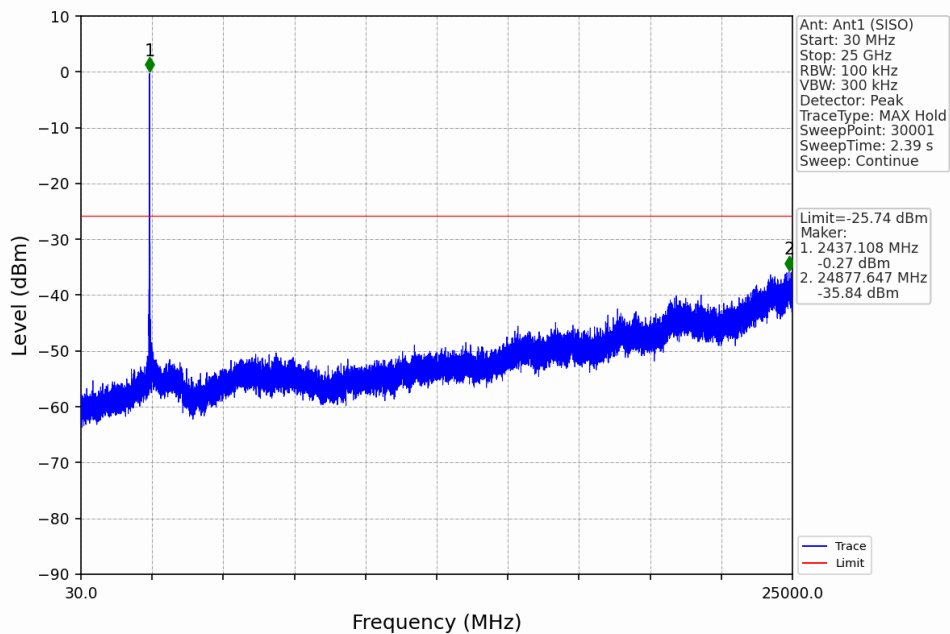
802.11g_LCH_2412MHz_Ant1 (SISO)_NTNV



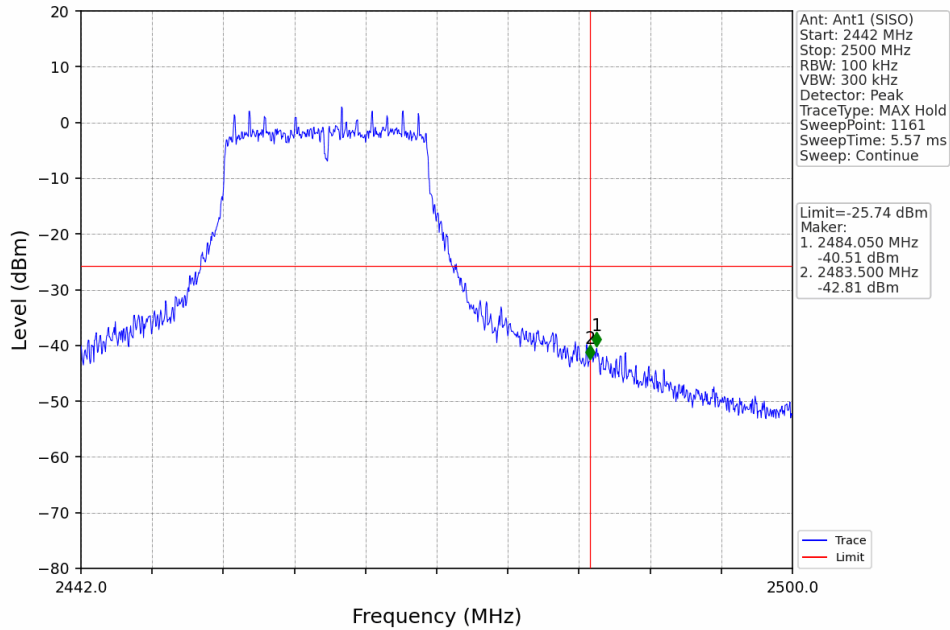
802.11g_LCH_2412MHz_Ant1 (SISO)_NTNV



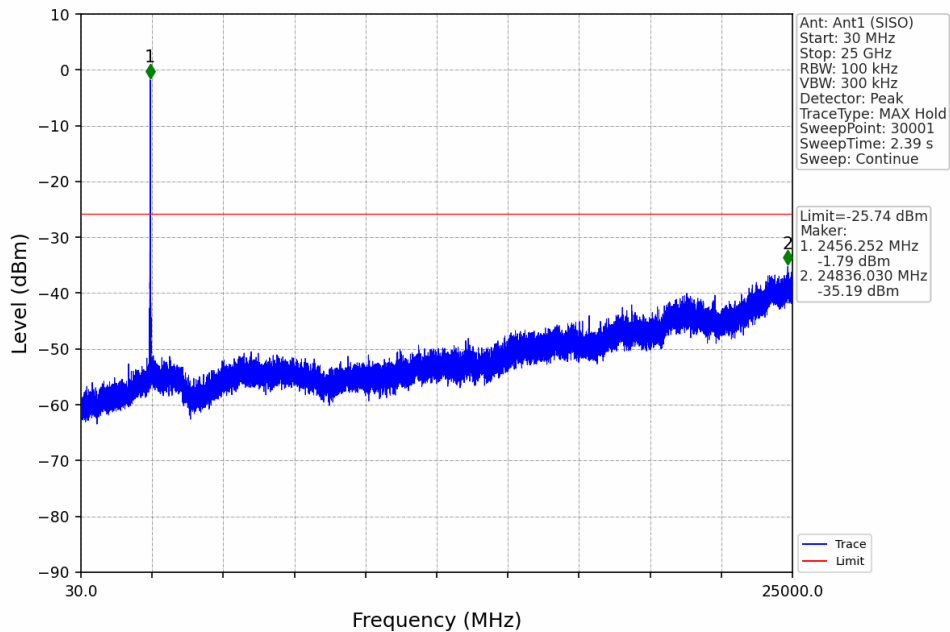
802.11g_MCH_2437MHz_Ant1 (SISO)_NTNV



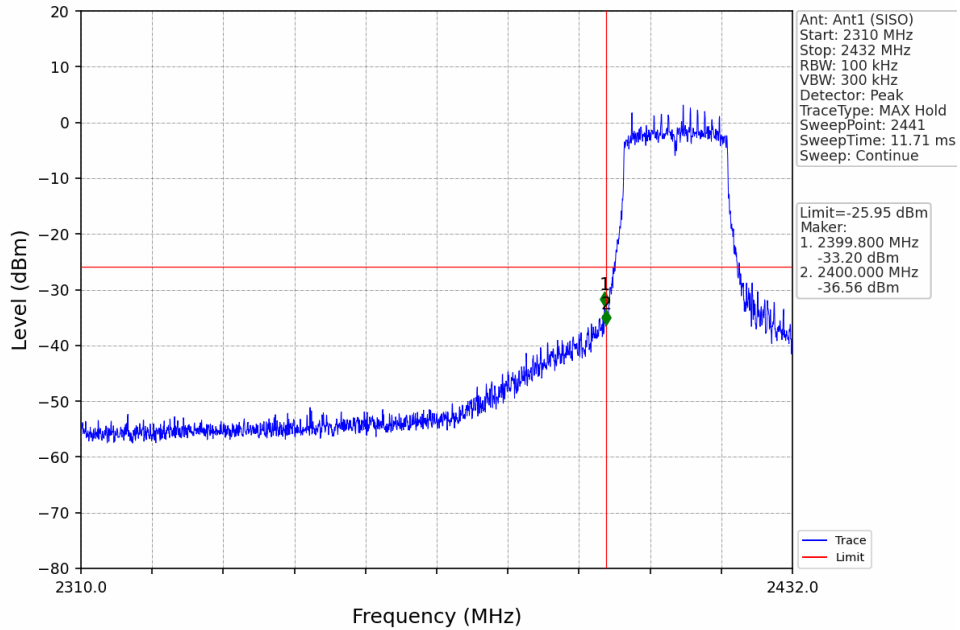
802.11g_HCH_2462MHz_Ant1 (SISO)_NTNV



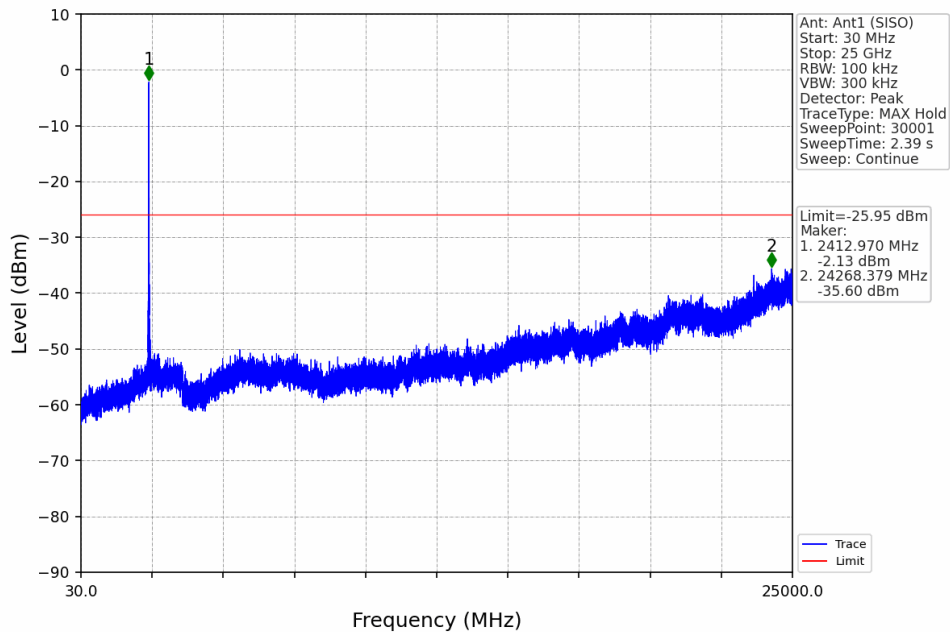
802.11g_HCH_2462MHz_Ant1 (SISO)_NTNV



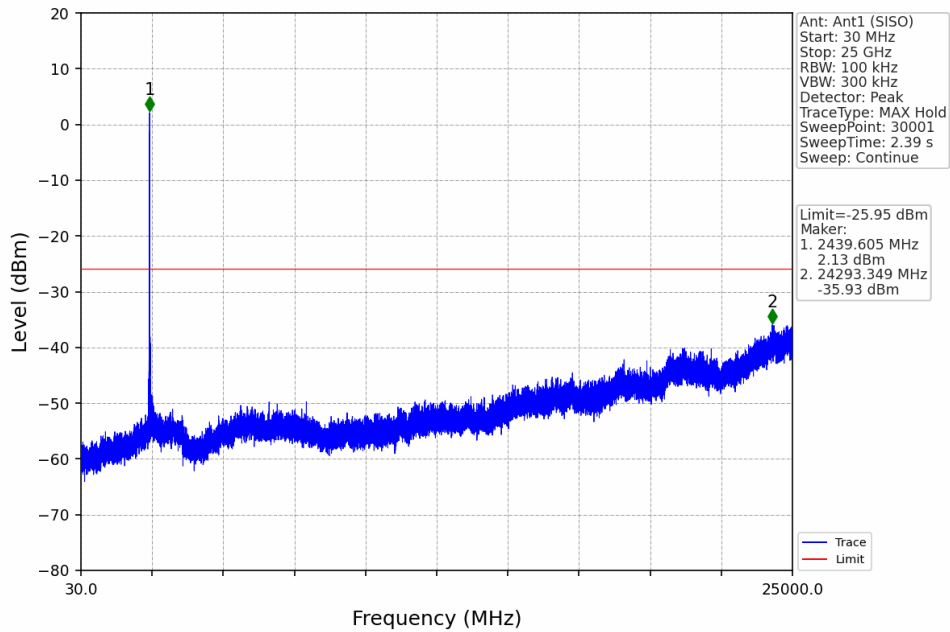
802.11n(HT20)_LCH_2412MHz_Ant1 (SISO)_NTNV



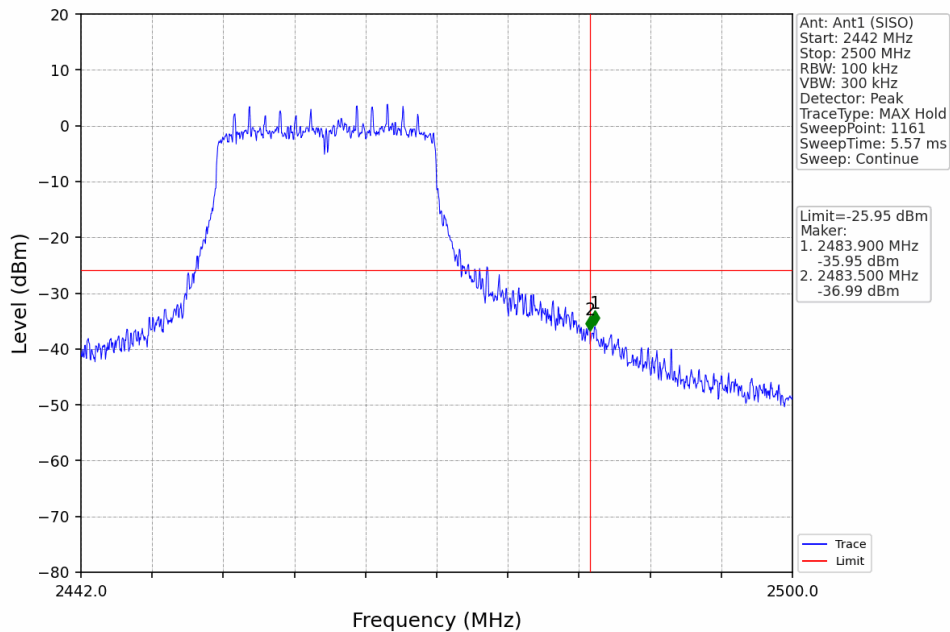
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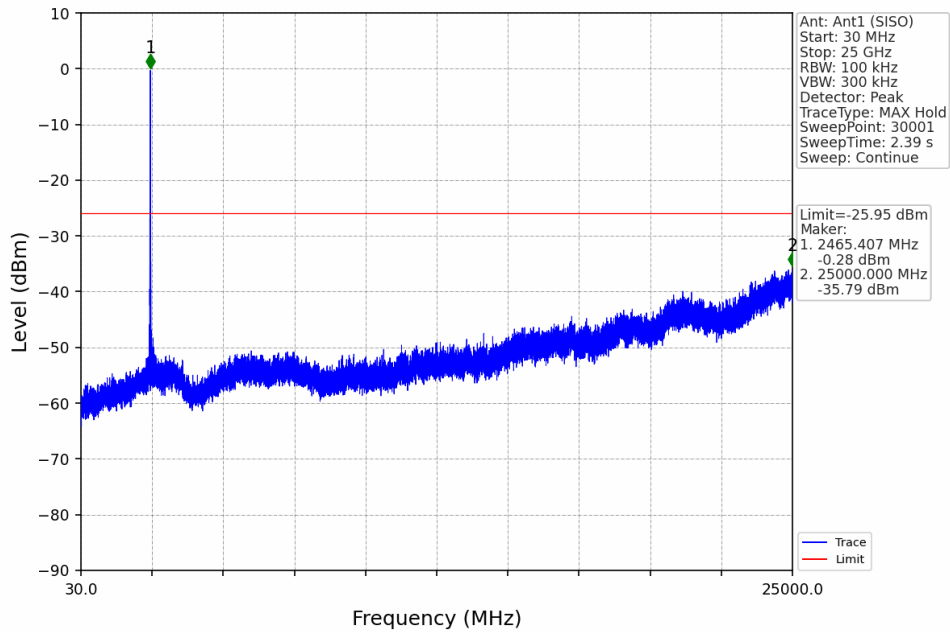
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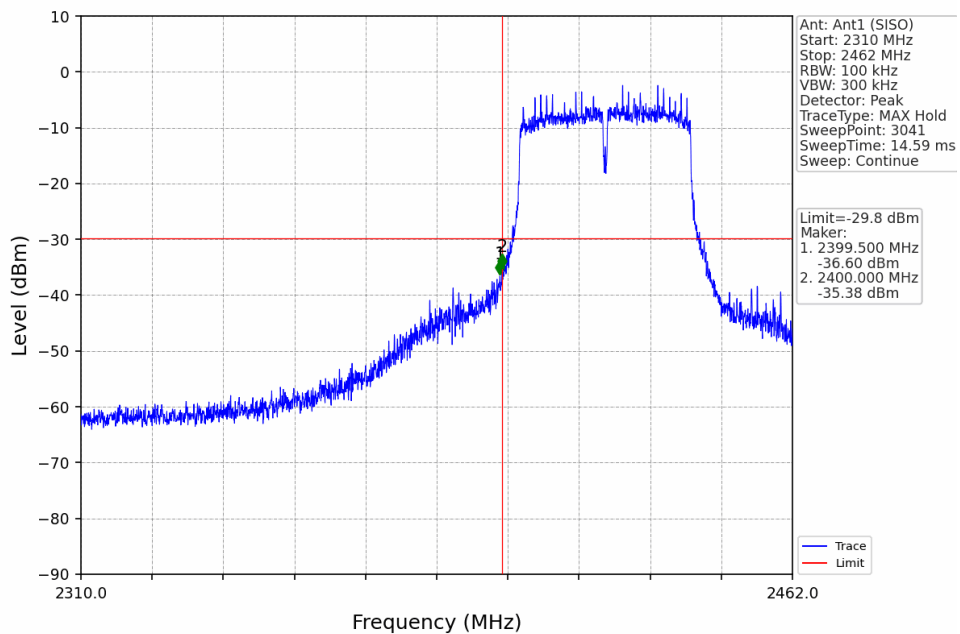
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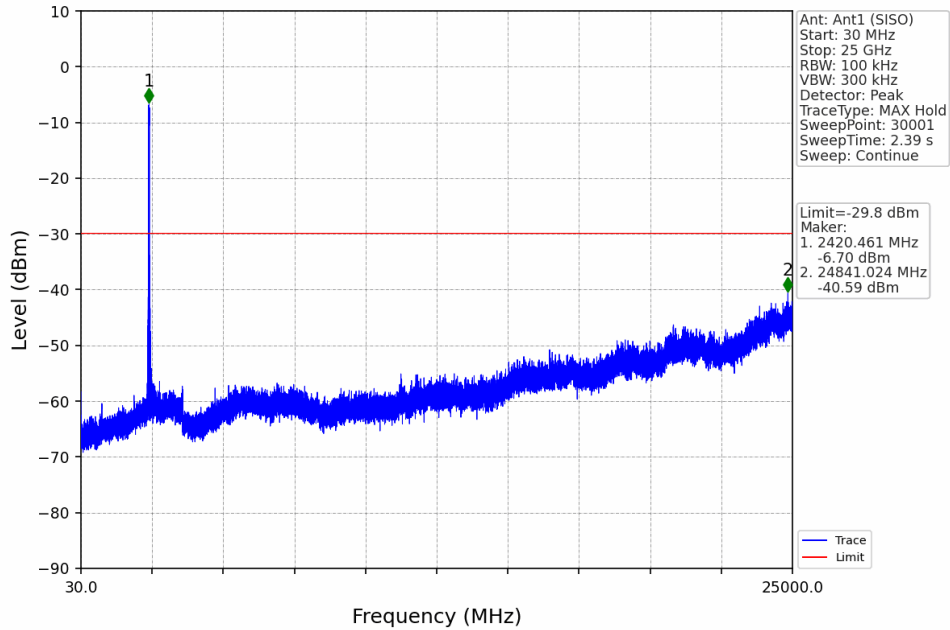
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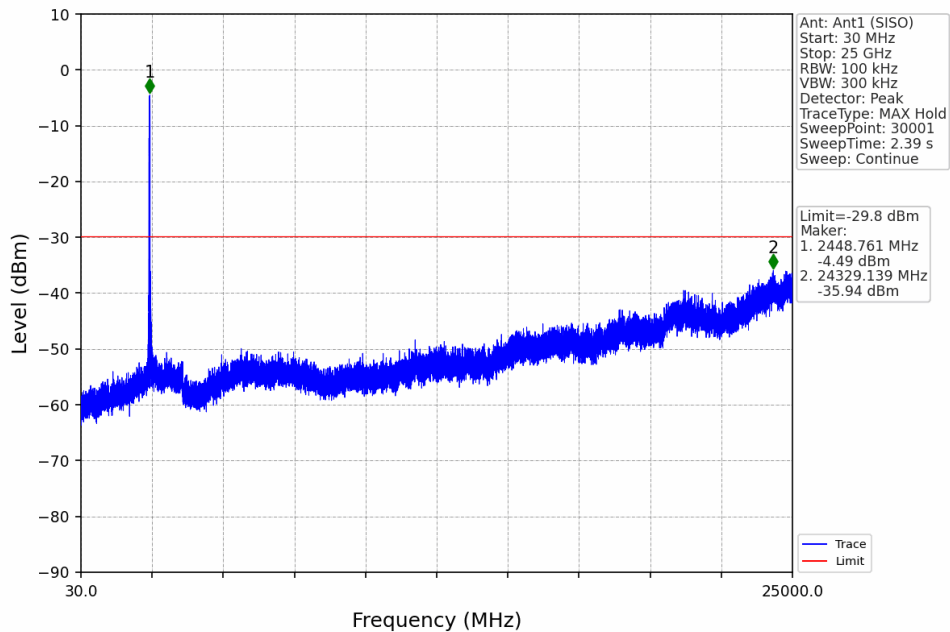
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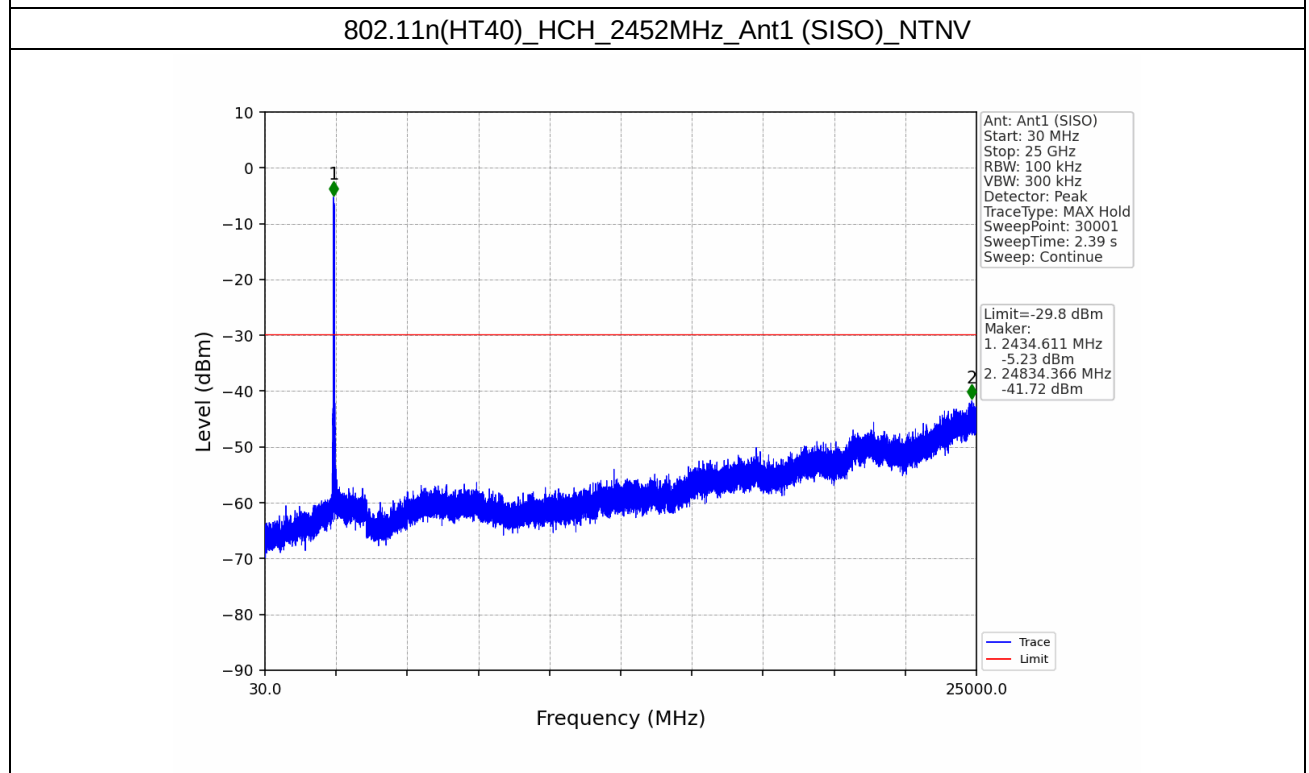
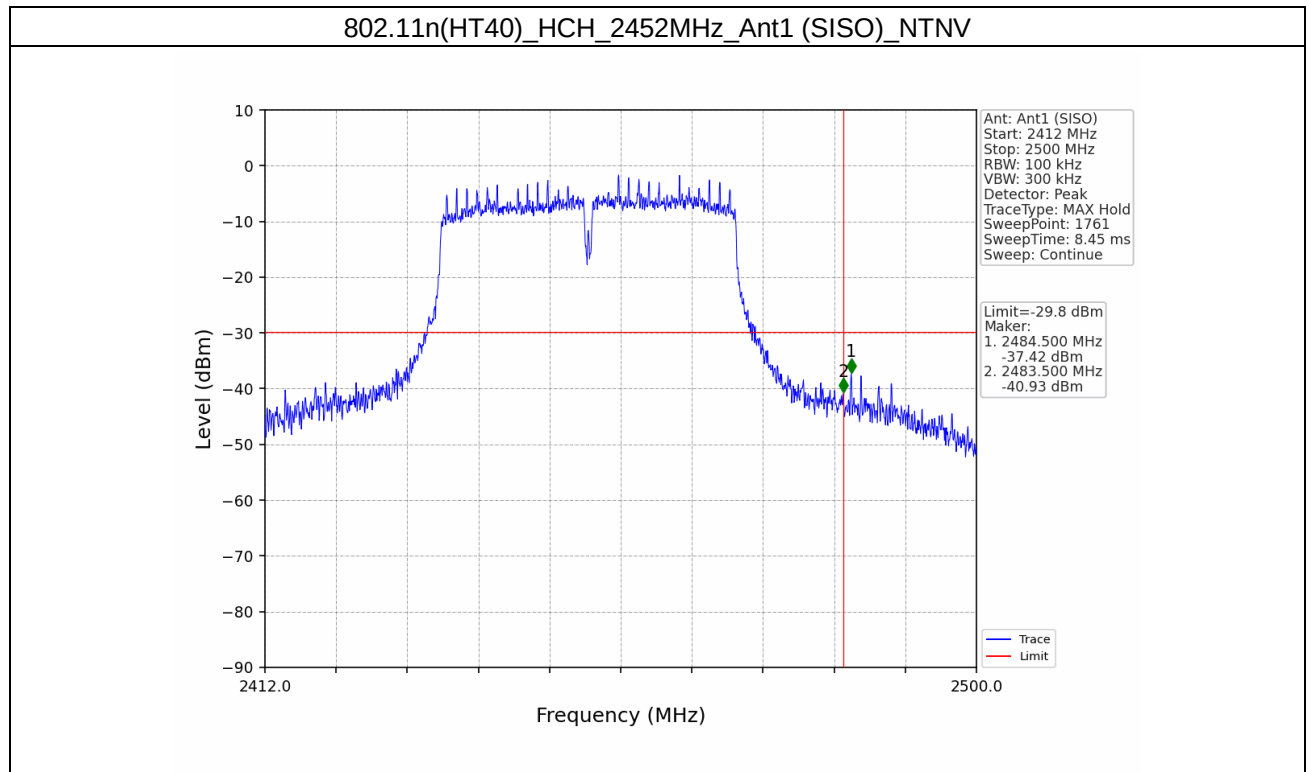


802.11n(HT40)_LCH_2422MHz_Ant1 (SISO)_NTNV



802.11n(HT40)_MCH_2437MHz_Ant1 (SISO)_NTNV





- End of the Report -



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