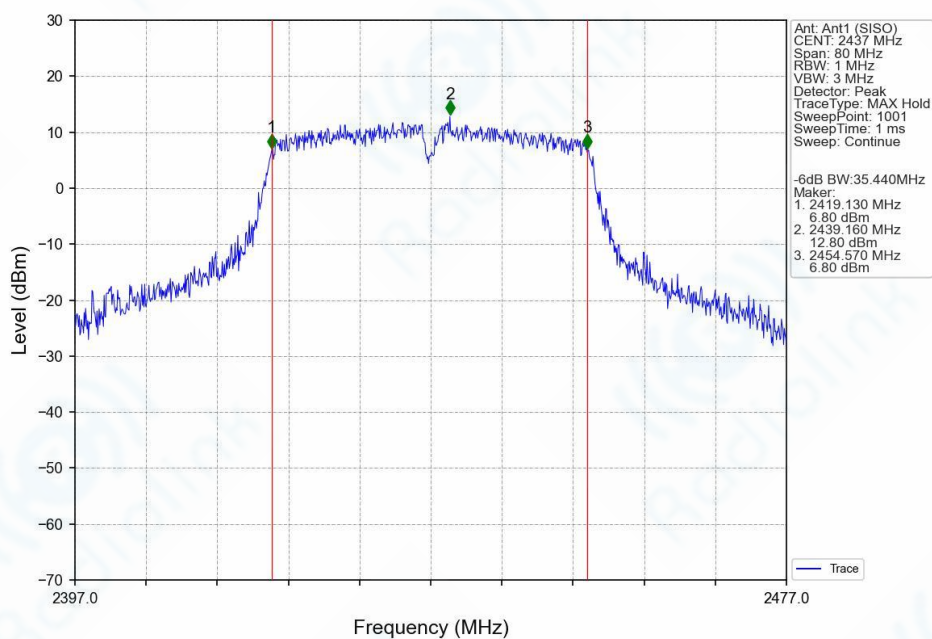
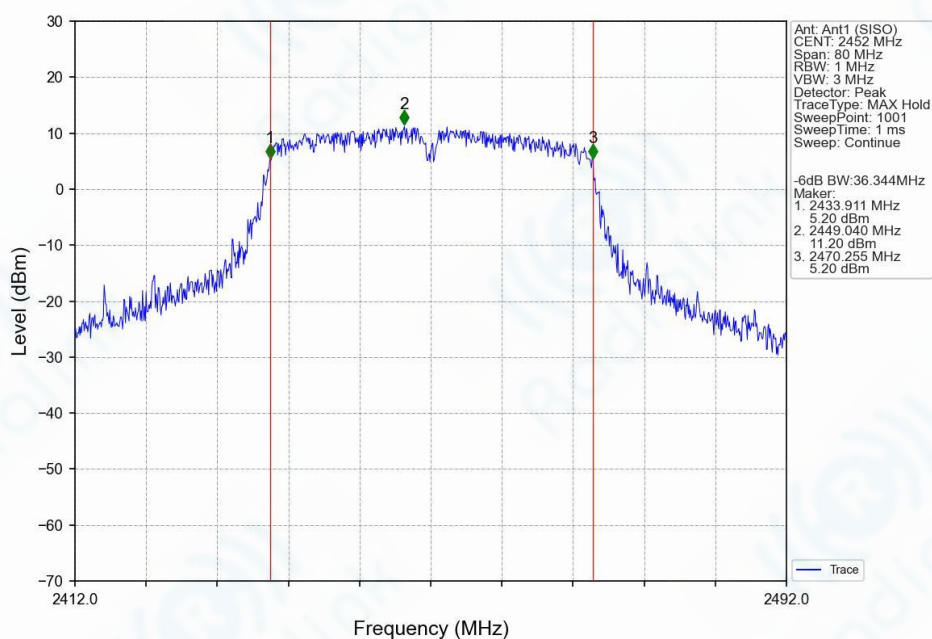


802.11n(HT40)_MCH_2437MHz_Ant1 (SISO)_NTNV



802.11n(HT40)_HCH_2452MHz_Ant1 (SISO)_NTNV



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3. Maximum Conducted Output Power

3.1 Test Result

3.1.1 Power

Mode	TX Type	Frequency (MHz)	Maximum Average Conducted Output Power (dBm)		Verdict
			ANT1	Limit	
802.11b	SISO	2412	14.93	≤ 30	Pass
		2437	16.23	≤ 30	Pass
		2462	15.58	≤ 30	Pass
802.11g	SISO	2412	17.27	≤ 30	Pass
		2437	17.01	≤ 30	Pass
		2462	16.89	≤ 30	Pass
802.11n (HT20)	SISO	2412	15.11	≤ 30	Pass
		2437	14.77	≤ 30	Pass
		2462	14.66	≤ 30	Pass
802.11n (HT40)	SISO	2422	14.60	≤ 30	Pass
		2437	13.61	≤ 30	Pass
		2452	13.62	≤ 30	Pass

Note1: Antenna Gain: Ant1: 2.02dBi;

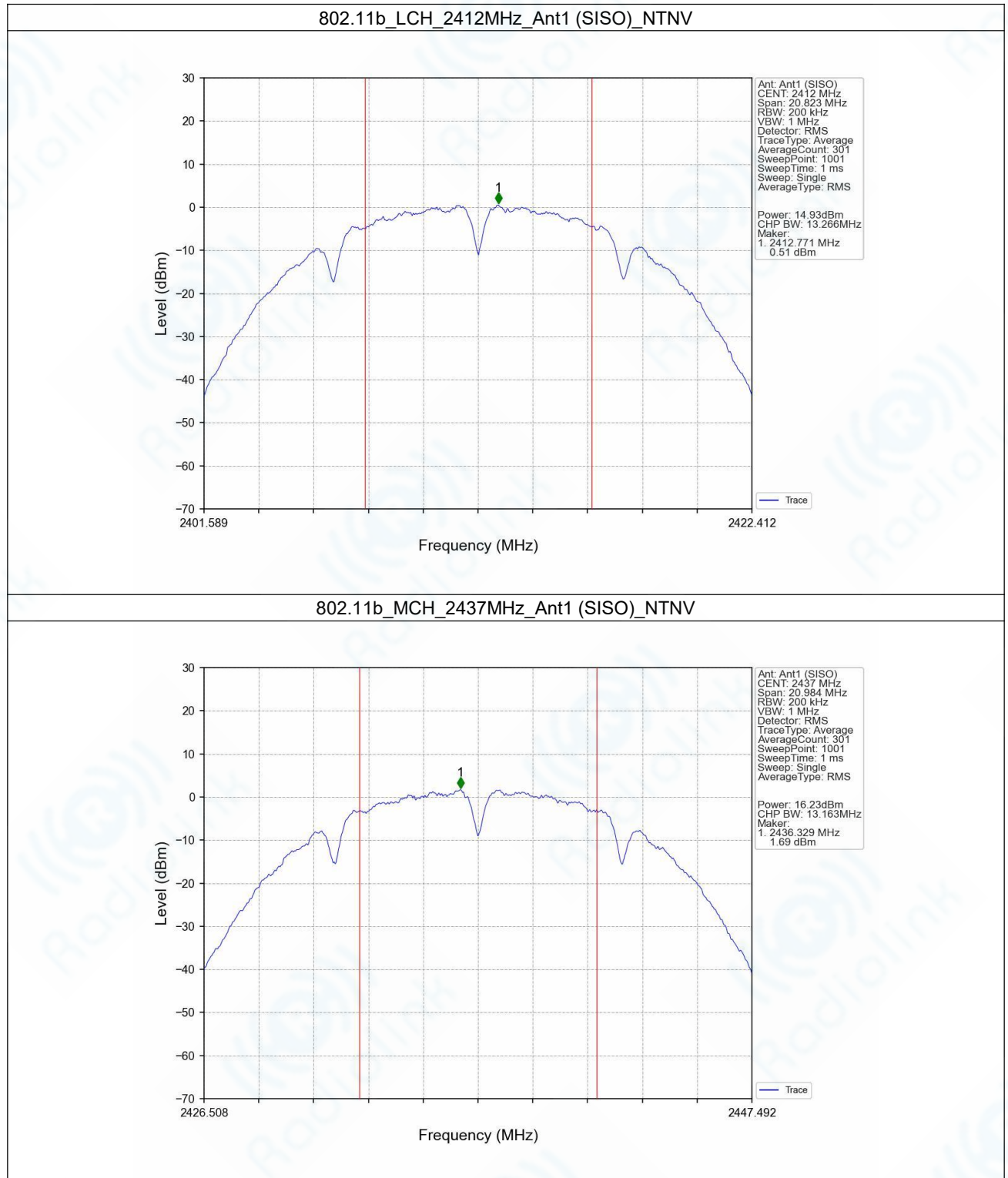


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3.2 Test Graph

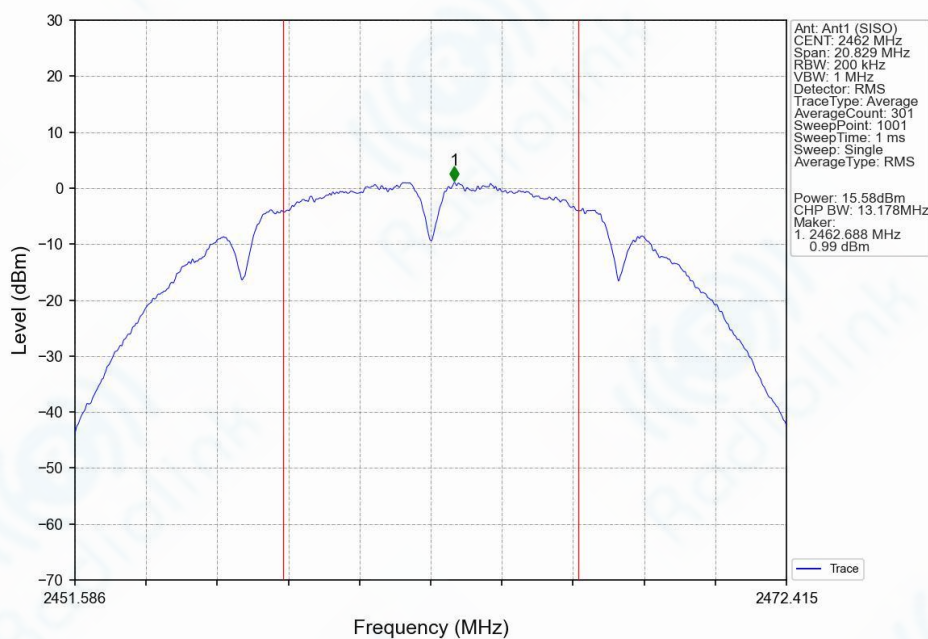
3.2.1 Power



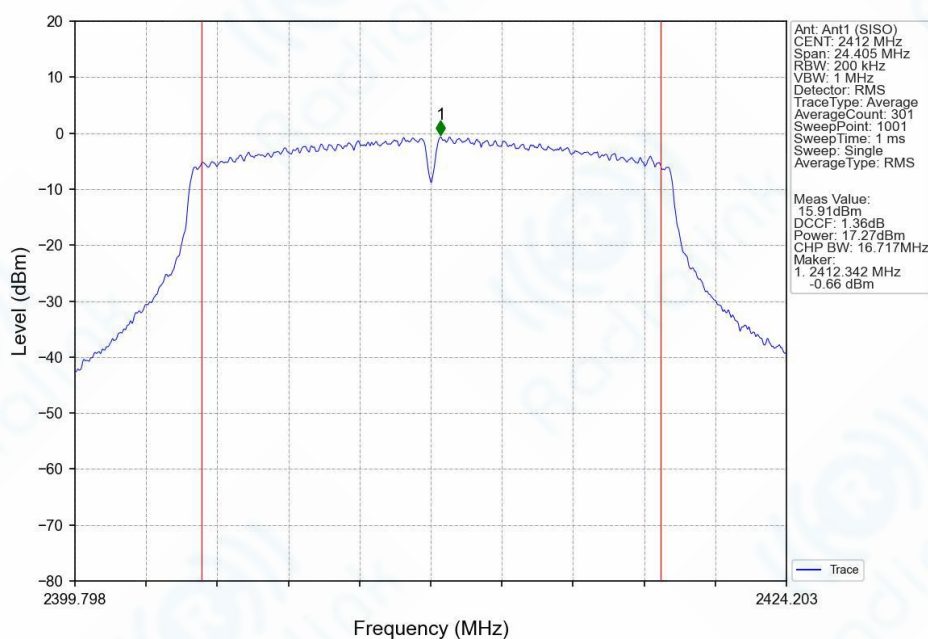
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802.11b_HCH_2462MHz_Ant1 (SISO)_NTNV

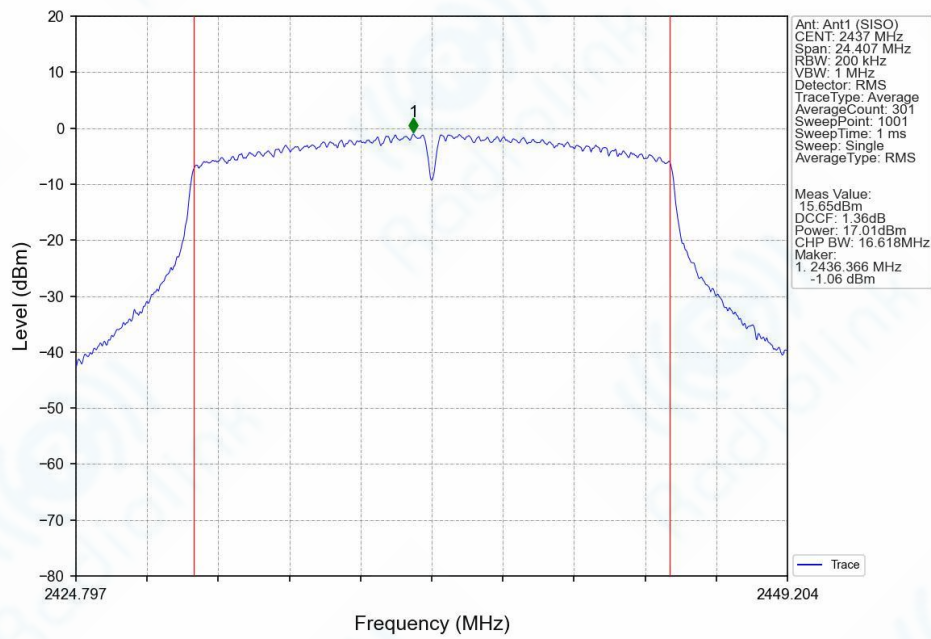


802.11g_LCH_2412MHz_Ant1 (SISO)_NTNV

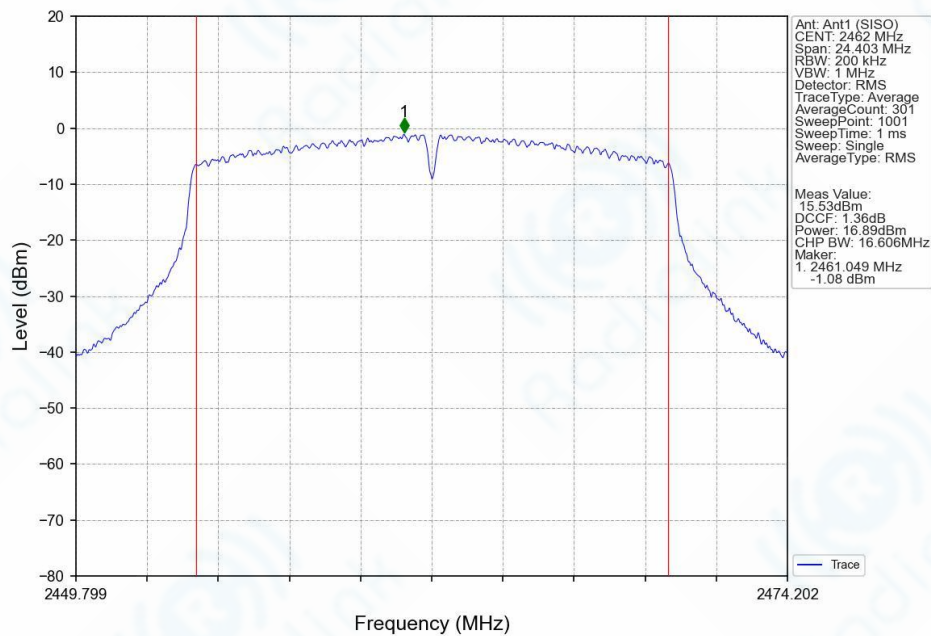

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802.11g_MCH_2437MHz_Ant1 (SISO)_NTNV

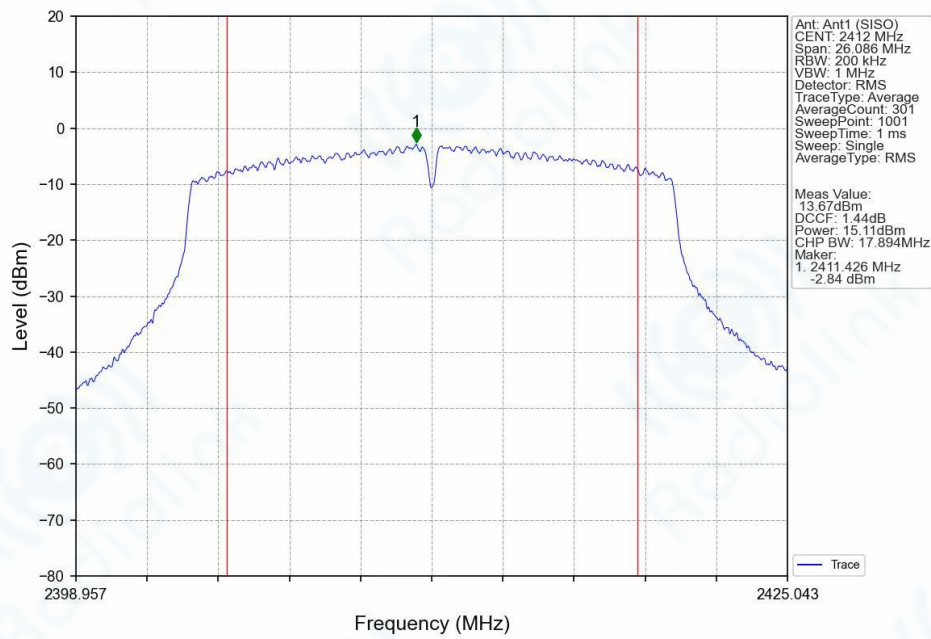


802.11g_HCH_2462MHz_Ant1 (SISO)_NTNV

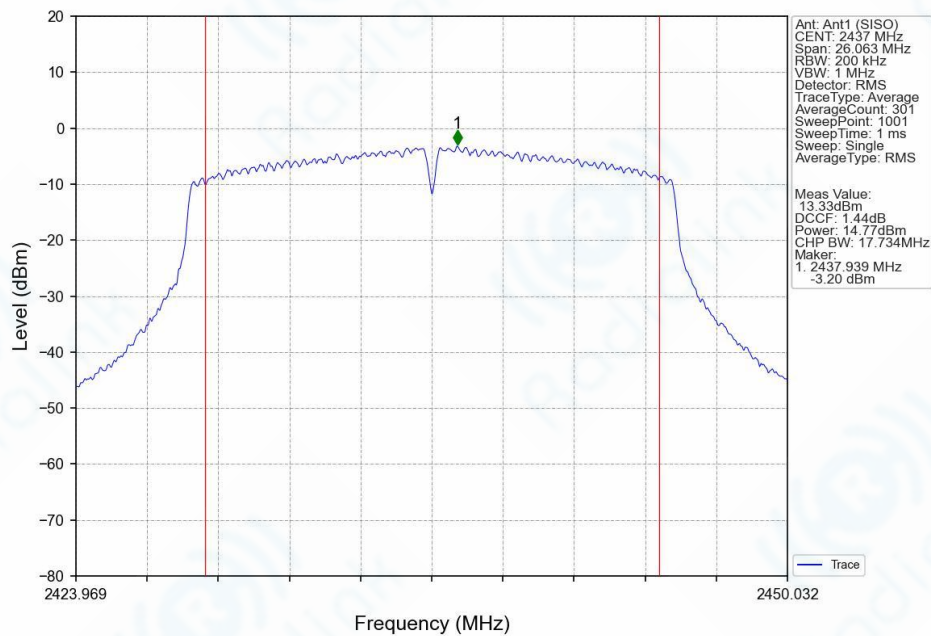

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802.11n(HT20)_LCH_2412MHz_Ant1 (SISO)_NTNV



802.11n(HT20)_MCH_2437MHz_Ant1 (SISO)_NTNV

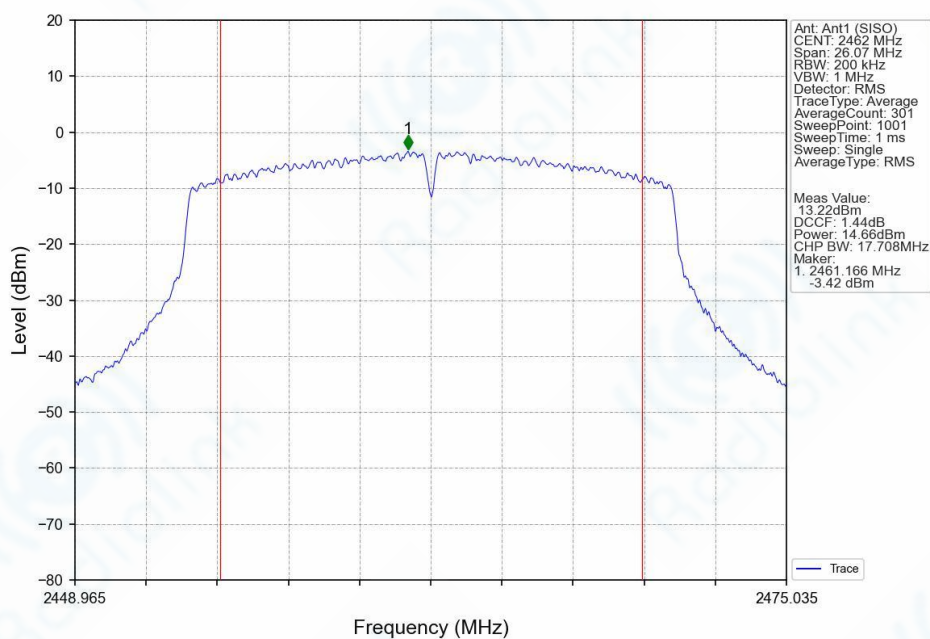


Radiolink Testing (Shenzhen) Co., Ltd.

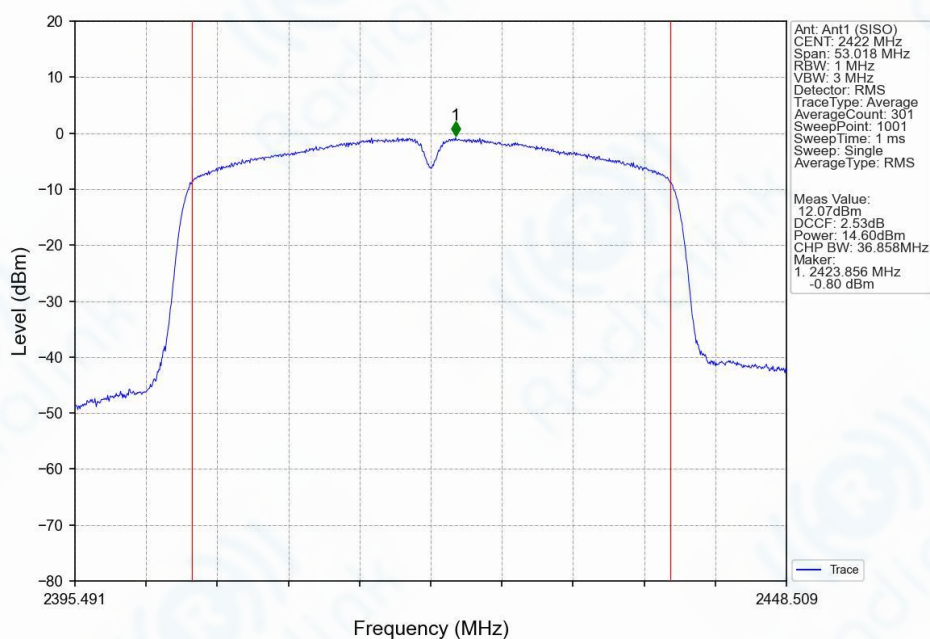
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802.11n(HT20)_HCH_2462MHz_Ant1 (SISO)_NTNV

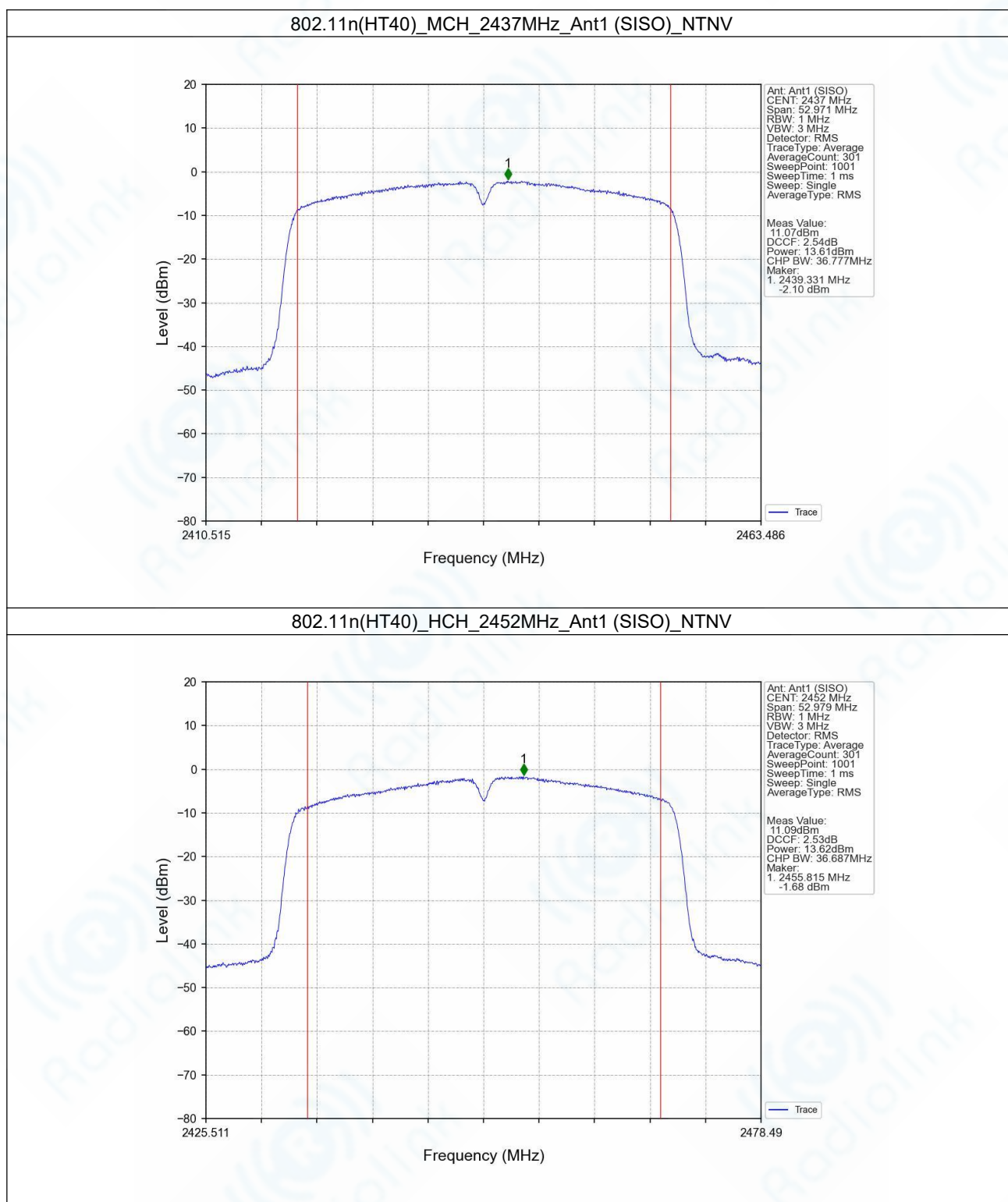


802.11n(HT40)_LCH_2422MHz_Ant1 (SISO)_NTNV



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4. Maximum Power Spectral Density

4.1 Test Result

4.1.1 PSD

Mode	TX Type	Frequency (MHz)	Maximum PSD (dBm)		Verdict
			ANT1	Limit(dBm/3kHz)	
802.11b	SISO	2412	6.18dBm/100kHz	<=8	Pass
		2437	7.32dBm/100kHz	<=8	Pass
		2462	6.95dBm/100kHz	<=8	Pass
802.11g	SISO	2412	7.32dBm/100kHz	<=8	Pass
		2437	7.05dBm/100kHz	<=8	Pass
		2462	6.91dBm/100kHz	<=8	Pass
802.11n (HT20)	SISO	2412	5.34dBm/100kHz	<=8	Pass
		2437	5.14dBm/100kHz	<=8	Pass
		2462	4.35dBm/100kHz	<=8	Pass
802.11n (HT40)	SISO	2422	1.82dBm/100kHz	<=8	Pass
		2437	1.36dBm/100kHz	<=8	Pass
		2452	0.90dBm/100kHz	<=8	Pass

Note1: Antenna Gain: Ant1: 2.02dBi;

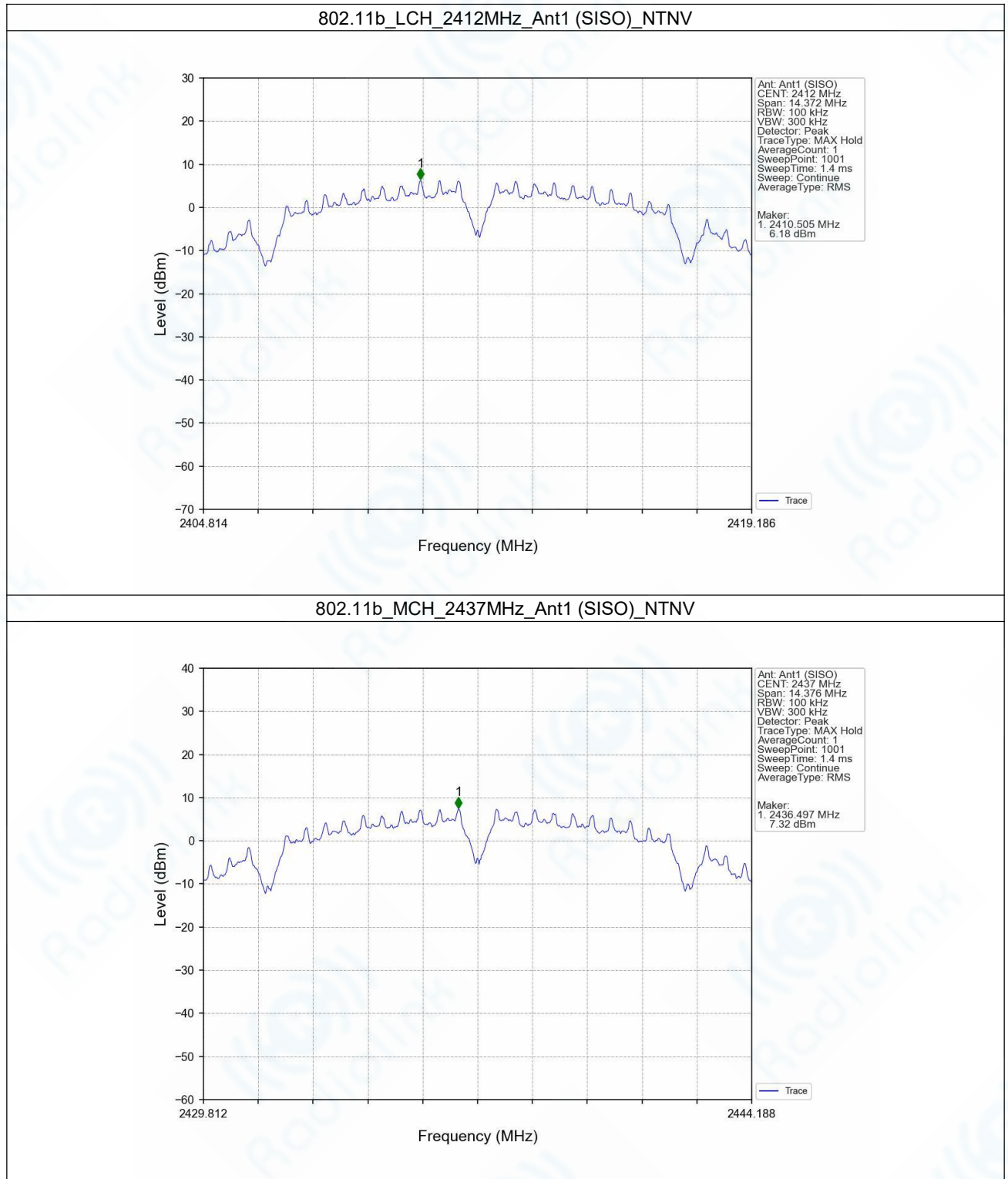


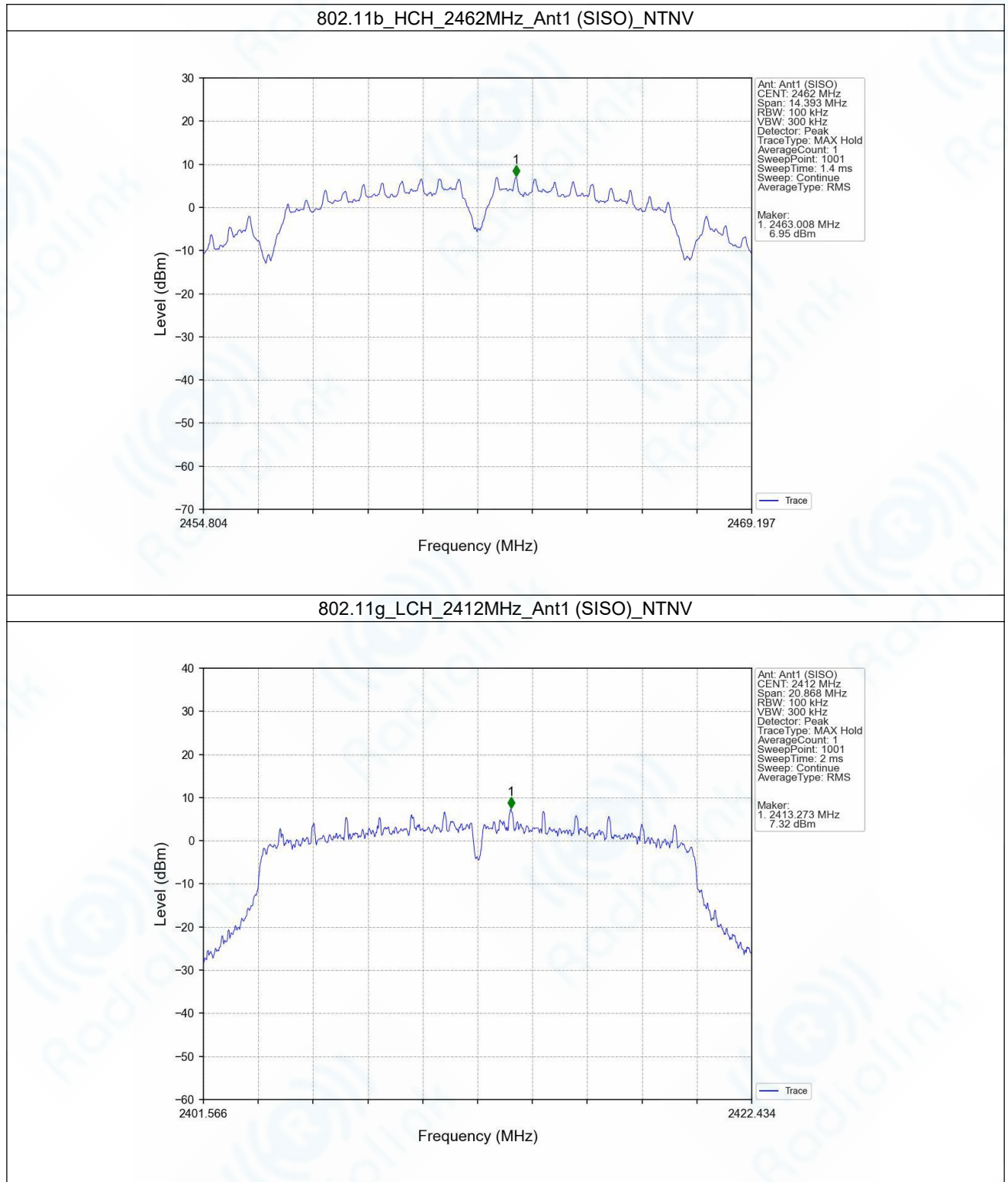
Radiolink Testing (Shenzhen) Co., Ltd.

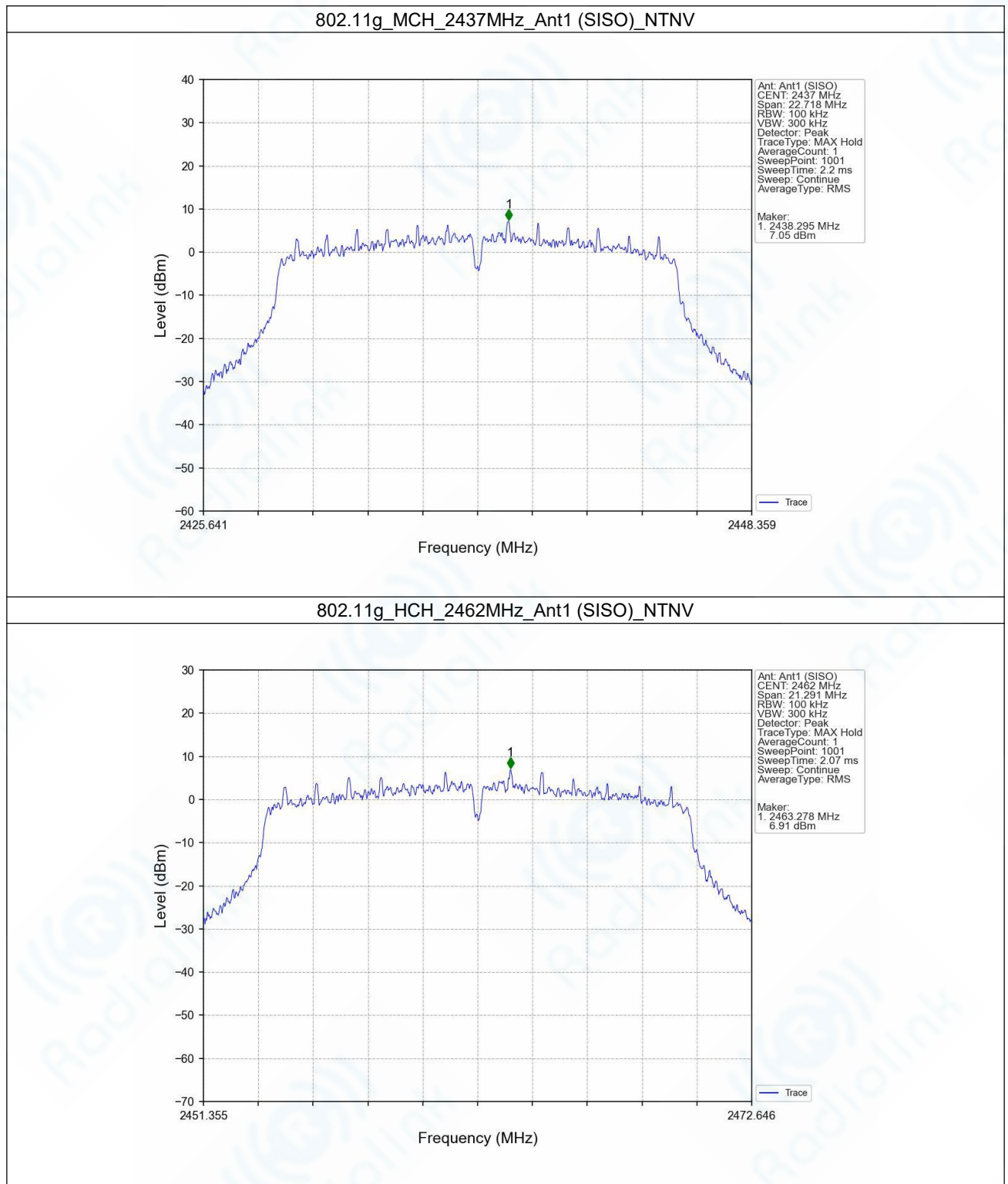
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4.2 Test Graph

4.2.1 PSD



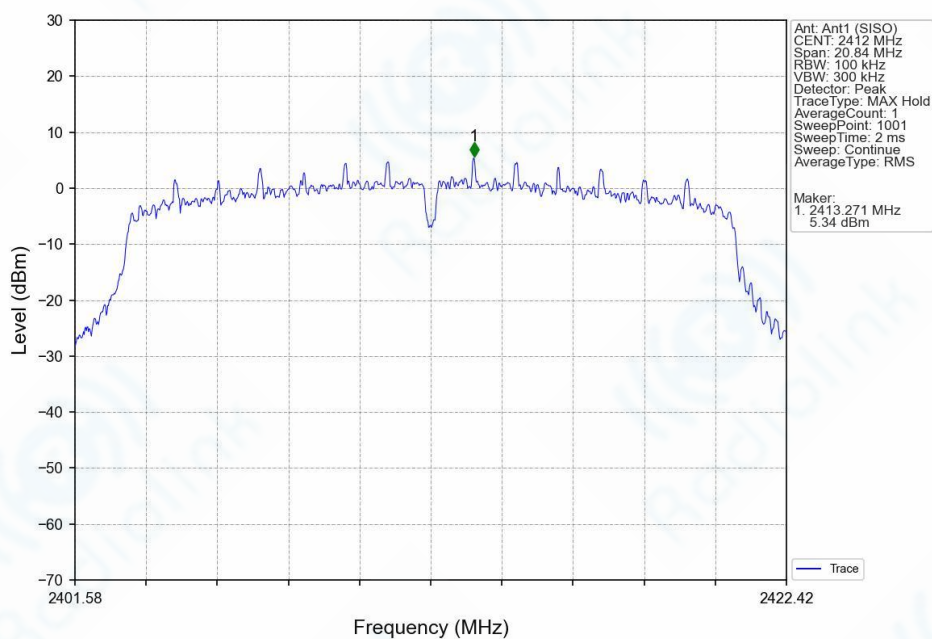




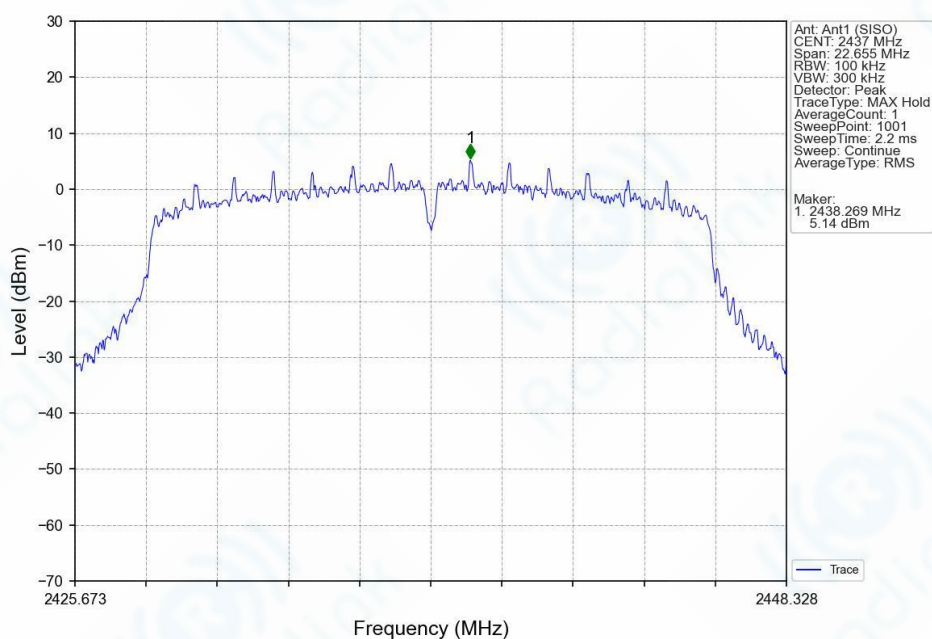
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802.11n(HT20)_LCH_2412MHz_Ant1 (SISO)_NTNV



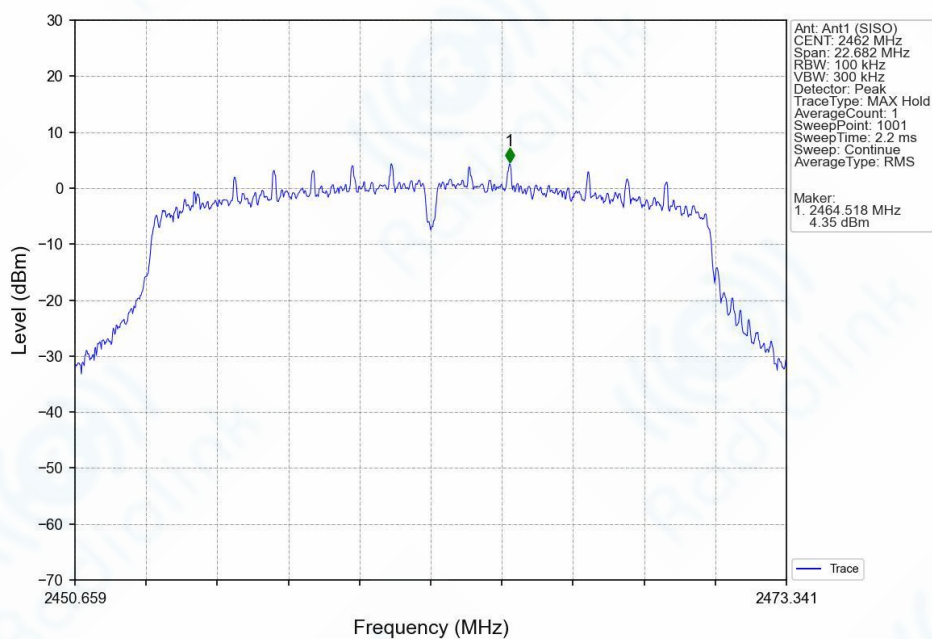
802.11n(HT20)_MCH_2437MHz_Ant1 (SISO)_NTNV



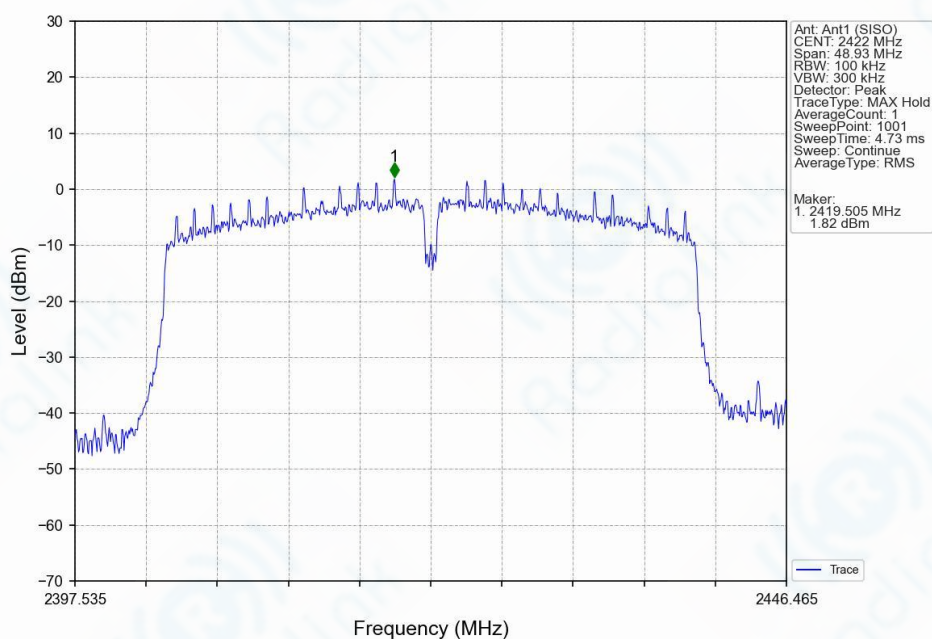
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802.11n(HT20)_HCH_2462MHz_Ant1 (SISO)_NTNV



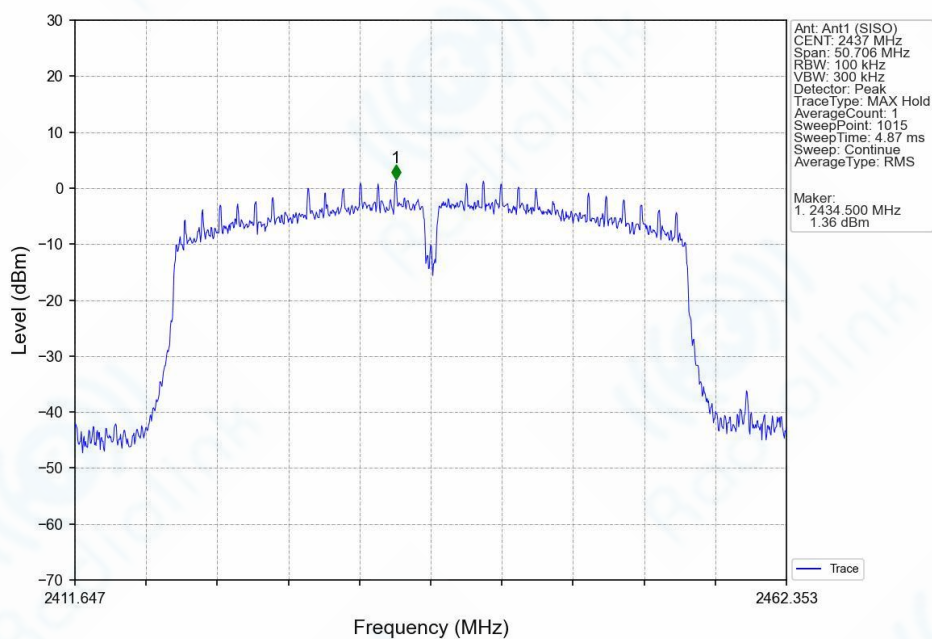
802.11n(HT40)_LCH_2422MHz_Ant1 (SISO)_NTNV



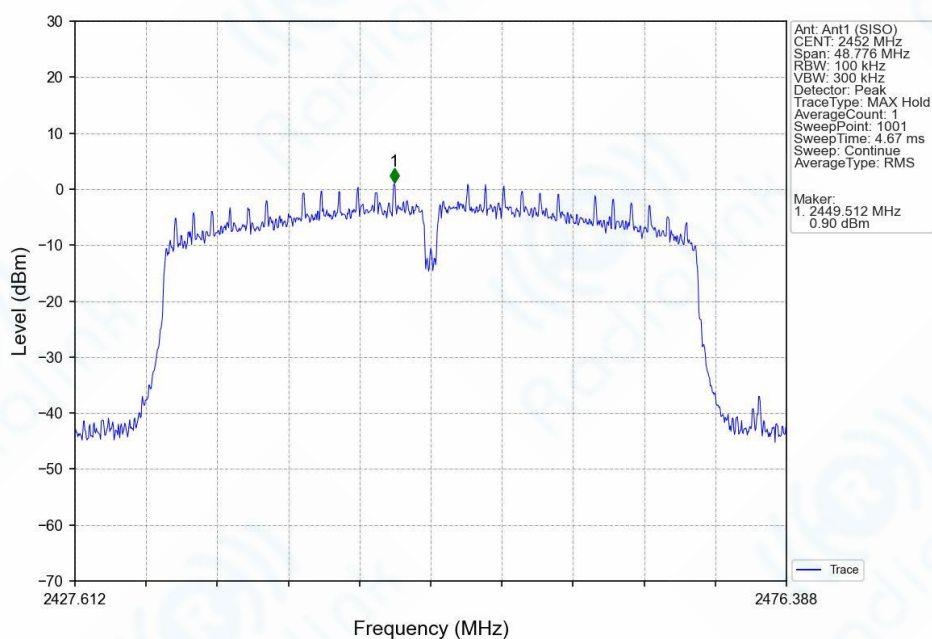
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802.11n(HT40)_MCH_2437MHz_Ant1 (SISO)_NTNV



802.11n(HT40)_HCH_2452MHz_Ant1 (SISO)_NTNV



5. Unwanted Emissions In Non-restricted Frequency Bands

5.1 Test Result

5.1.1 Ref

Mode	TX Type	Frequency (MHz)	ANT	Level of Reference (dBm)
802.11b	SISO	2412	1	6.20
		2437	1	7.47
		2462	1	6.87
802.11g	SISO	2412	1	6.31
		2437	1	6.70
		2462	1	6.38
802.11n (HT20)	SISO	2412	1	5.38
		2437	1	4.61
		2462	1	5.01
802.11n (HT40)	SISO	2422	1	1.83
		2437	1	1.45
		2452	1	1.25

5.1.2 CSE

Mode	TX Type	Frequency (MHz)	ANT	Level of Reference (dBm)	Limit (dBm)	Verdict
802.11b	SISO	2412	1	7.47	-22.53	Pass
		2437	1	7.47	-22.53	Pass
		2462	1	7.47	-22.53	Pass
802.11g	SISO	2412	1	6.70	-23.30	Pass
		2437	1	6.70	-23.30	Pass
		2462	1	6.70	-23.30	Pass
802.11n (HT20)	SISO	2412	1	5.38	-24.62	Pass
		2437	1	5.38	-24.62	Pass
		2462	1	5.38	-24.62	Pass
802.11n (HT40)	SISO	2422	1	1.83	-28.17	Pass
		2437	1	1.83	-28.17	Pass
		2452	1	1.83	-28.17	Pass



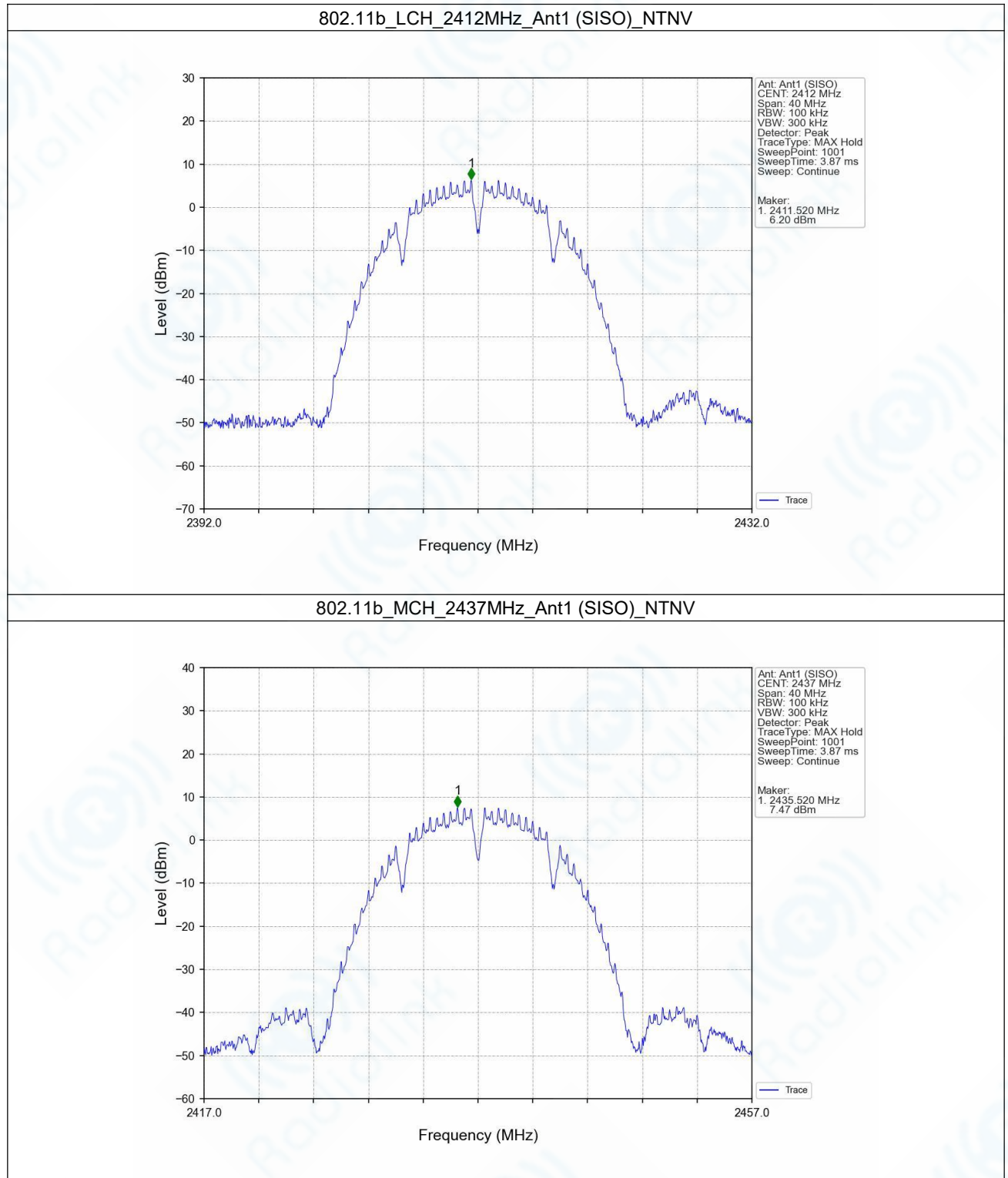
Radiolink Testing (Shenzhen) Co., Ltd.

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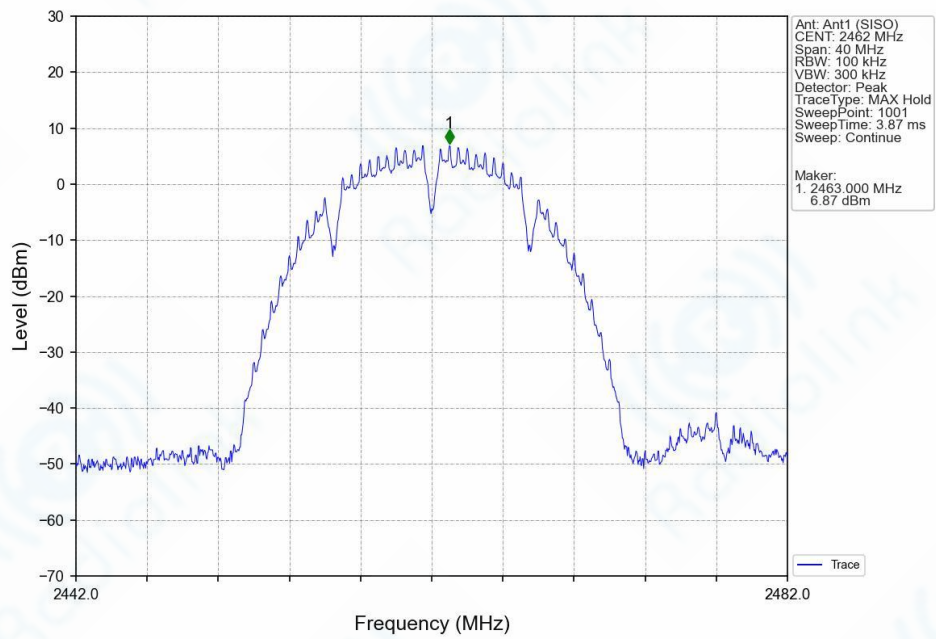
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5.2 Test Graph

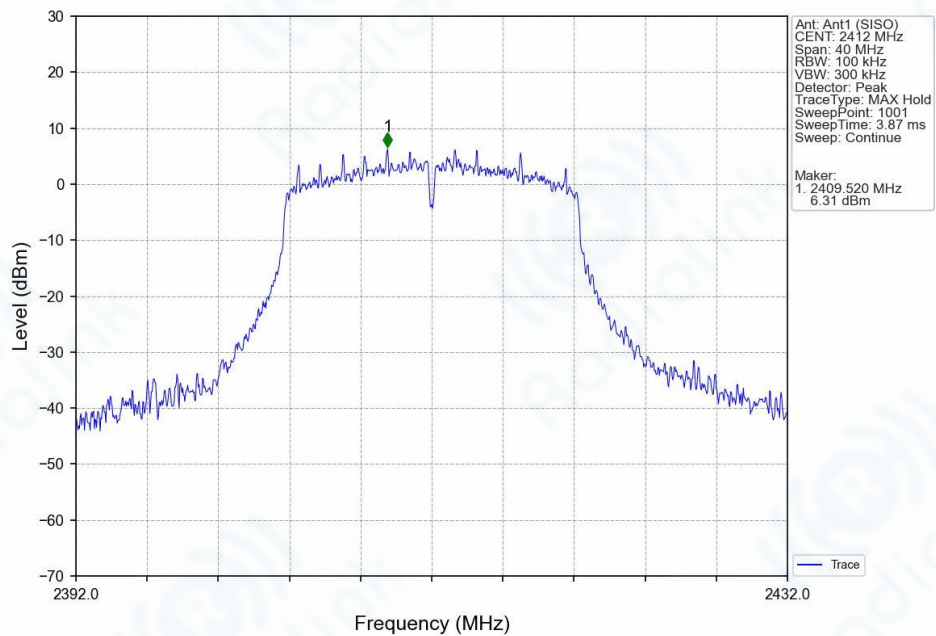
5.2.1 Ref

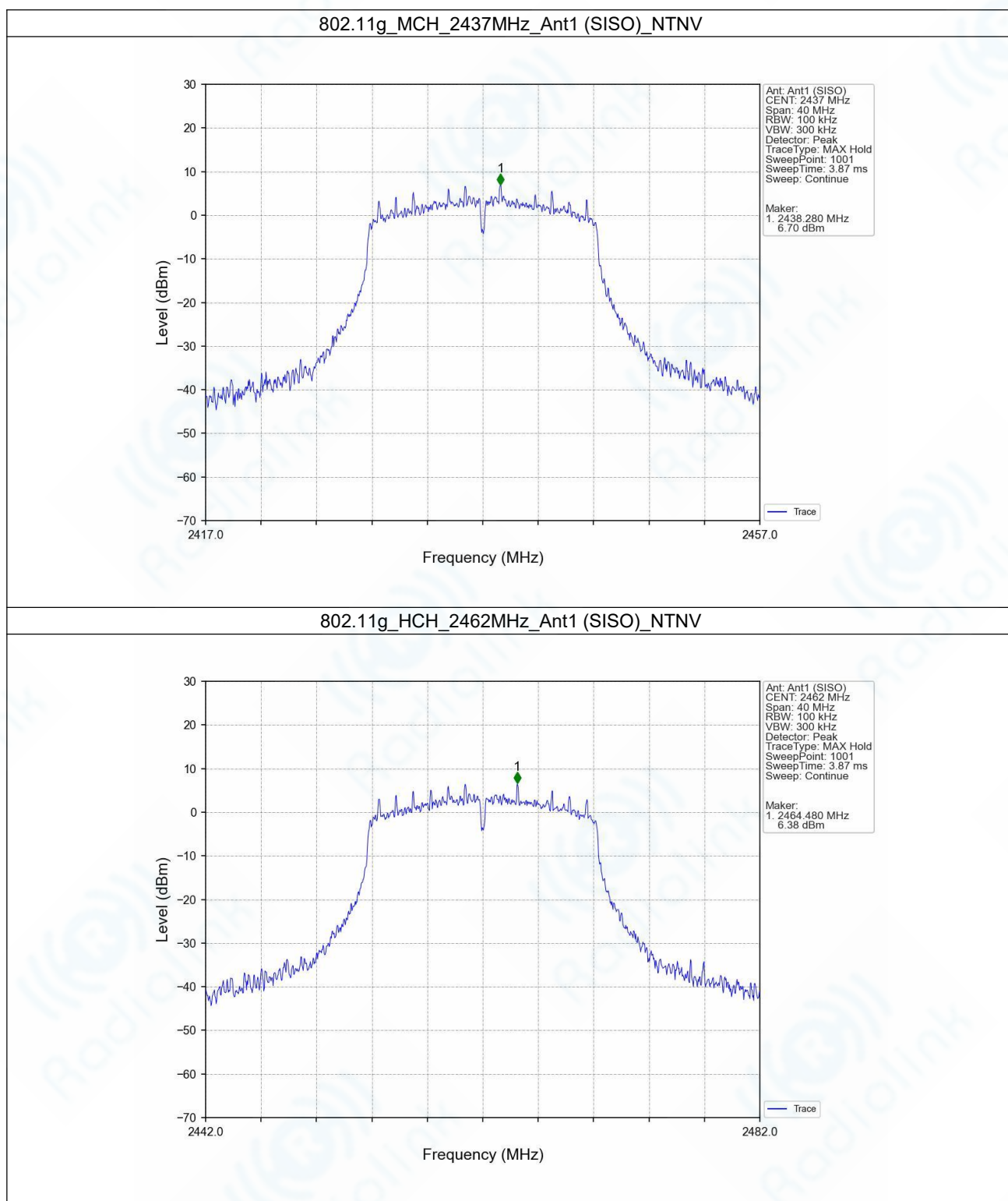


802.11b_HCH_2462MHz_Ant1 (SISO)_NTNV

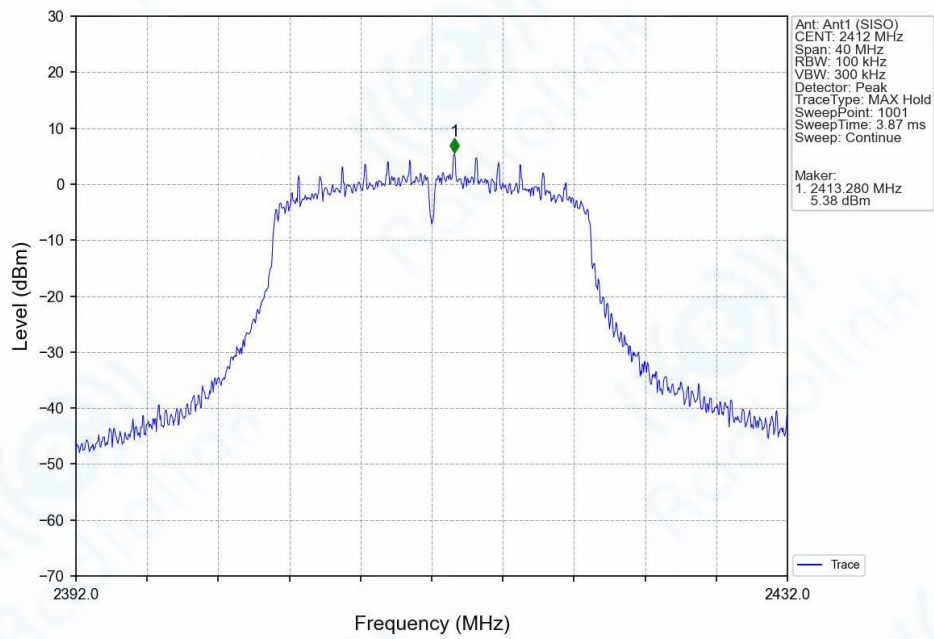


802.11g_LCH_2412MHz_Ant1 (SISO)_NTNV

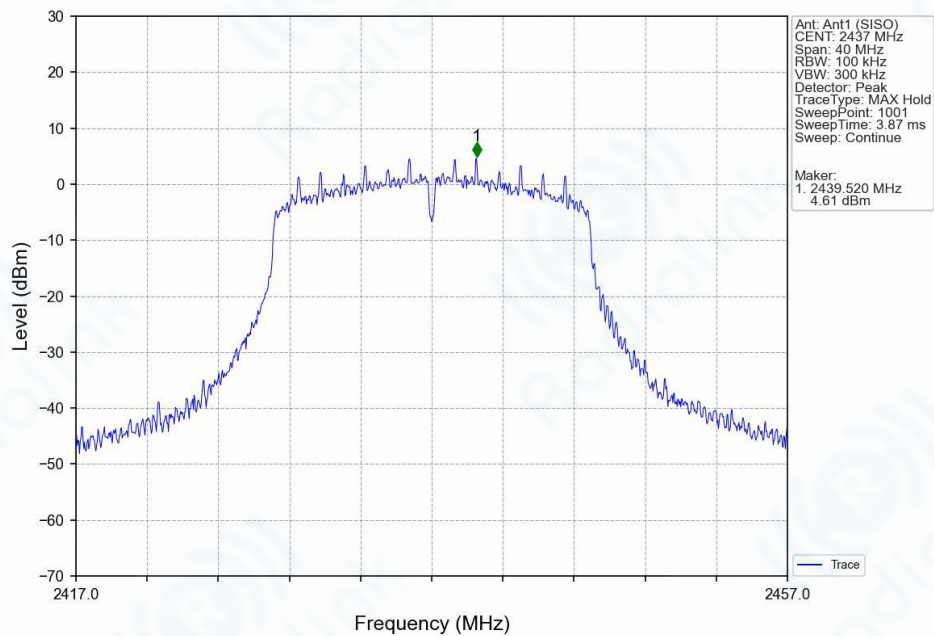




802.11n(HT20)_LCH_2412MHz_Ant1 (SISO)_NTNV



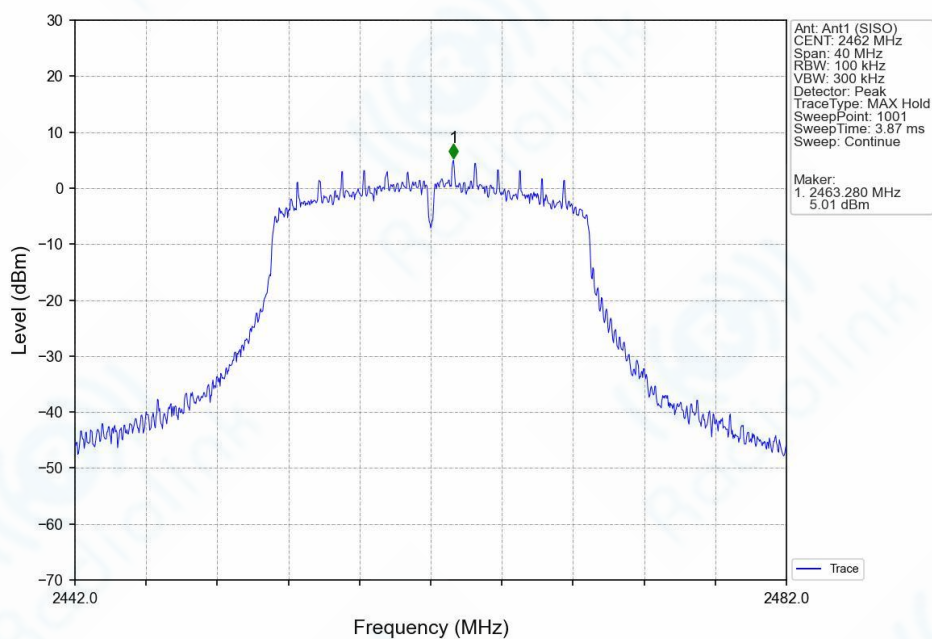
802.11n(HT20)_MCH_2437MHz_Ant1 (SISO)_NTNV



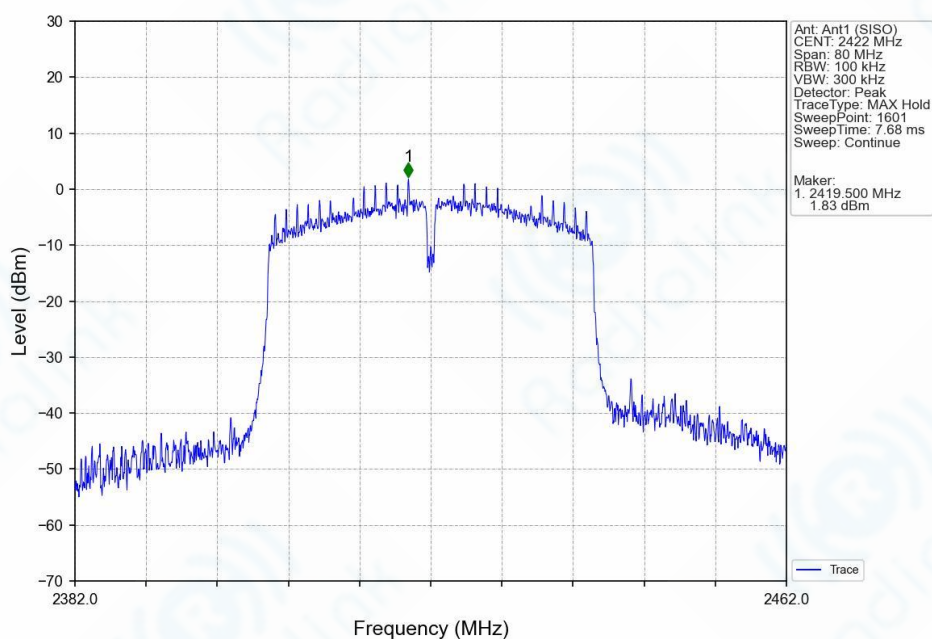
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802.11n(HT20)_HCH_2462MHz_Ant1 (SISO)_NTNV



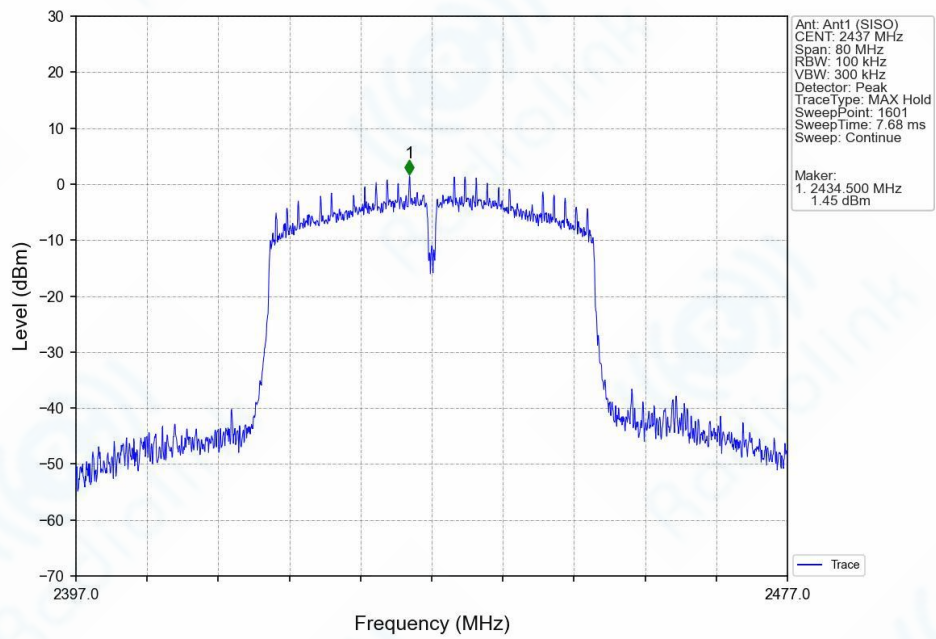
802.11n(HT40)_LCH_2422MHz_Ant1 (SISO)_NTNV



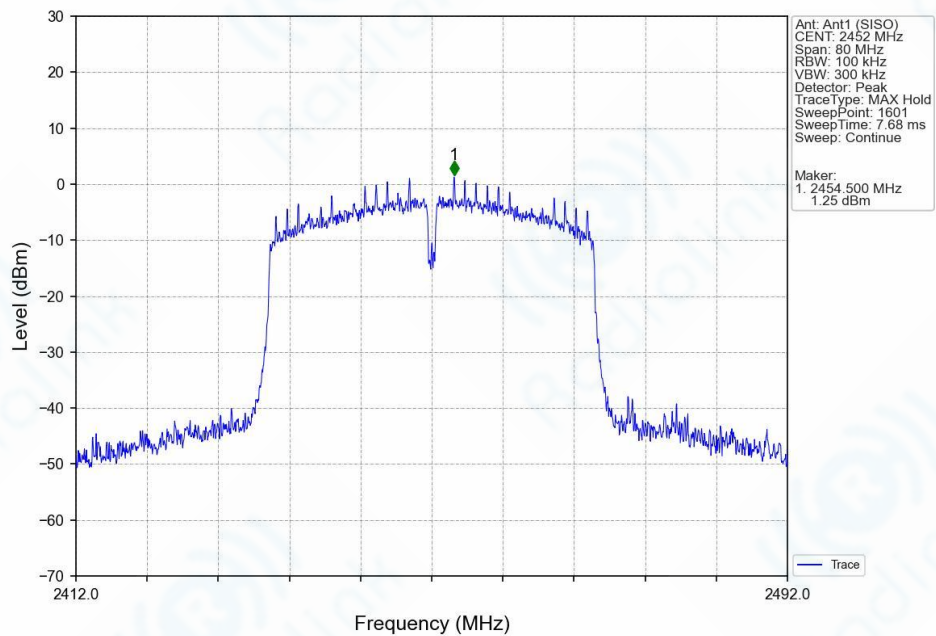
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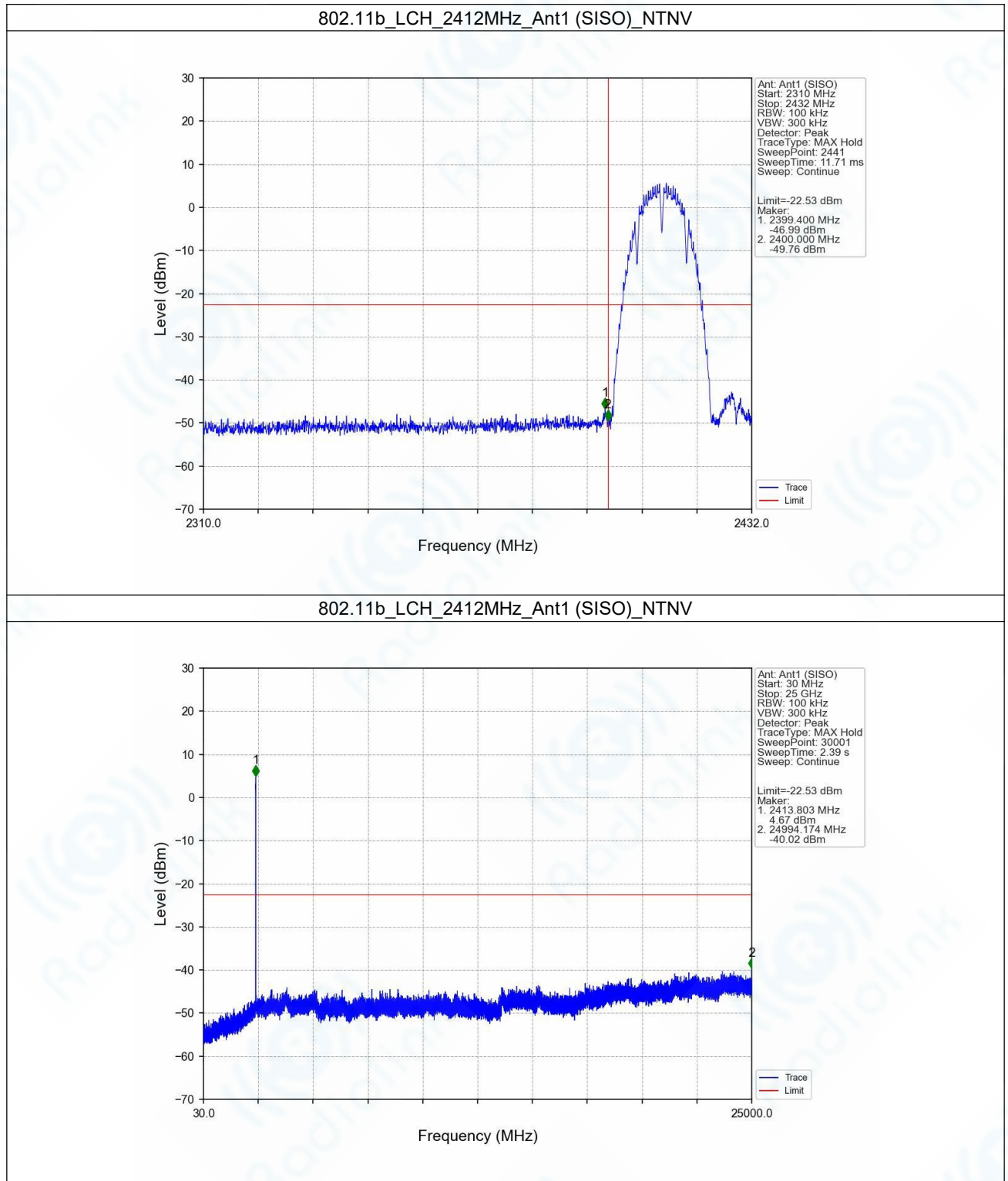
802.11n(HT40)_MCH_2437MHz_Ant1 (SISO)_NTNV



802.11n(HT40)_HCH_2452MHz_Ant1 (SISO)_NTNV



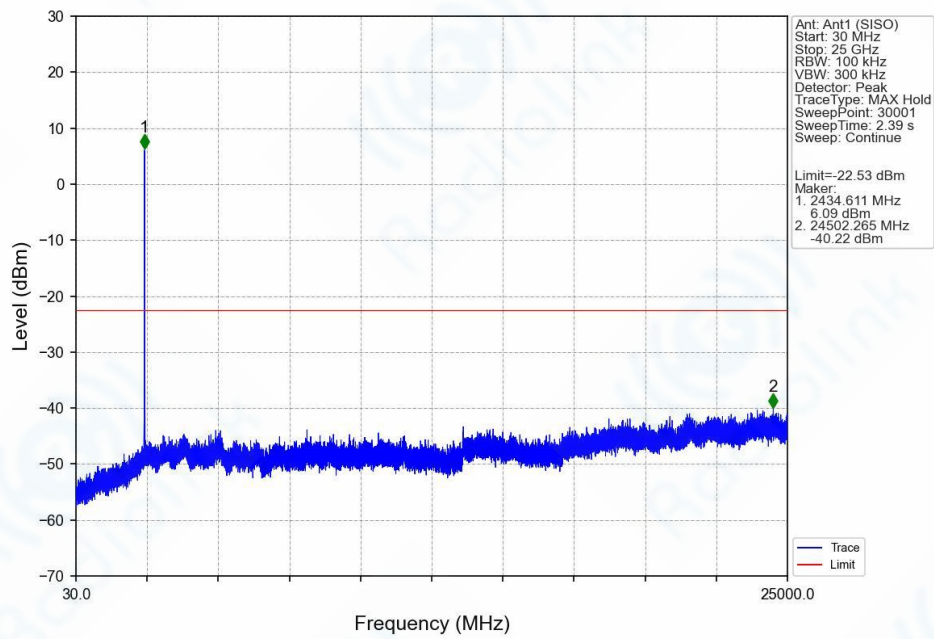
5.2.2 CSE



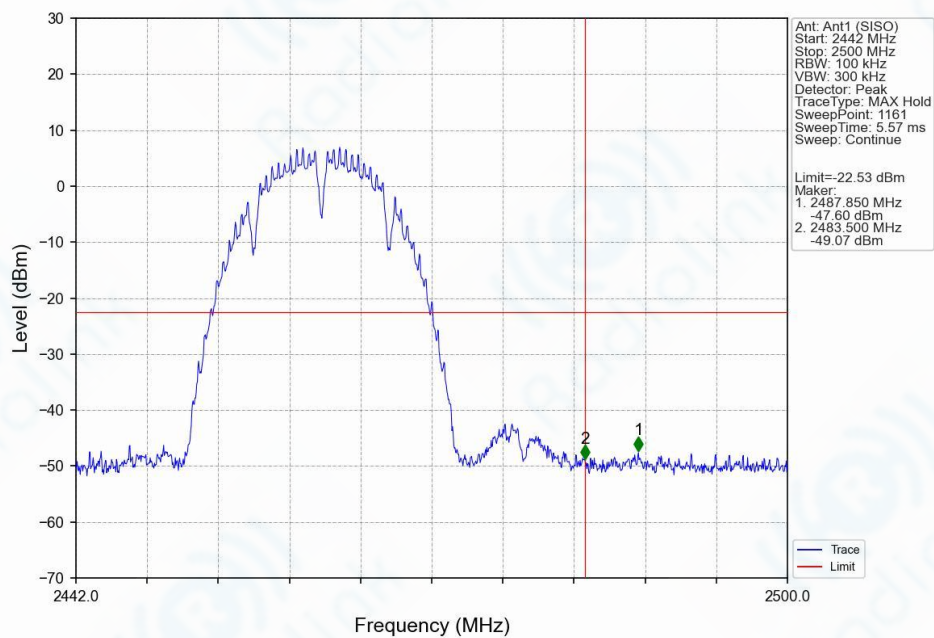
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802.11b_MCH_2437MHz_Ant1 (SISO)_NTNV



802.11b_HCH_2462MHz_Ant1 (SISO)_NTNV

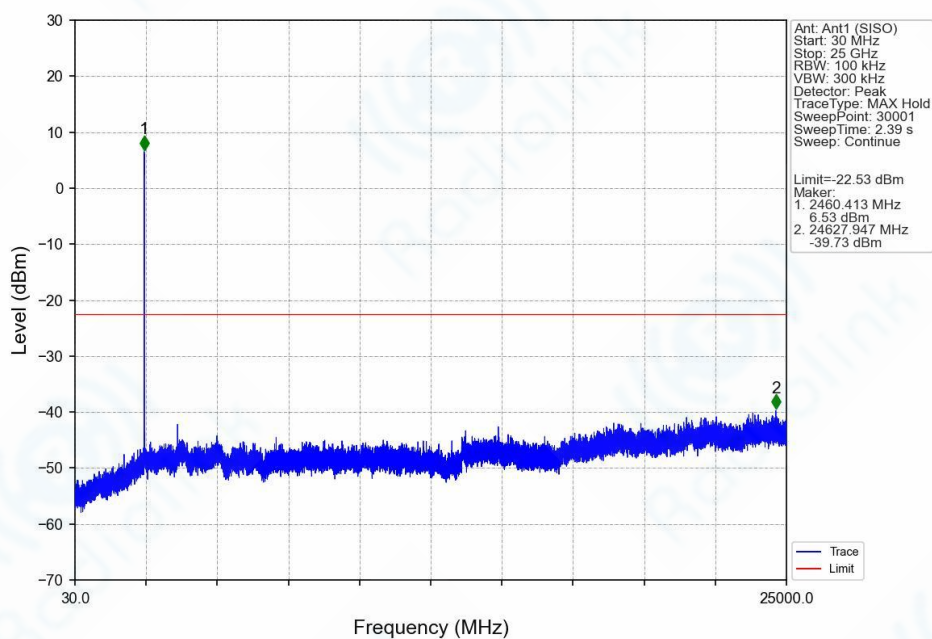


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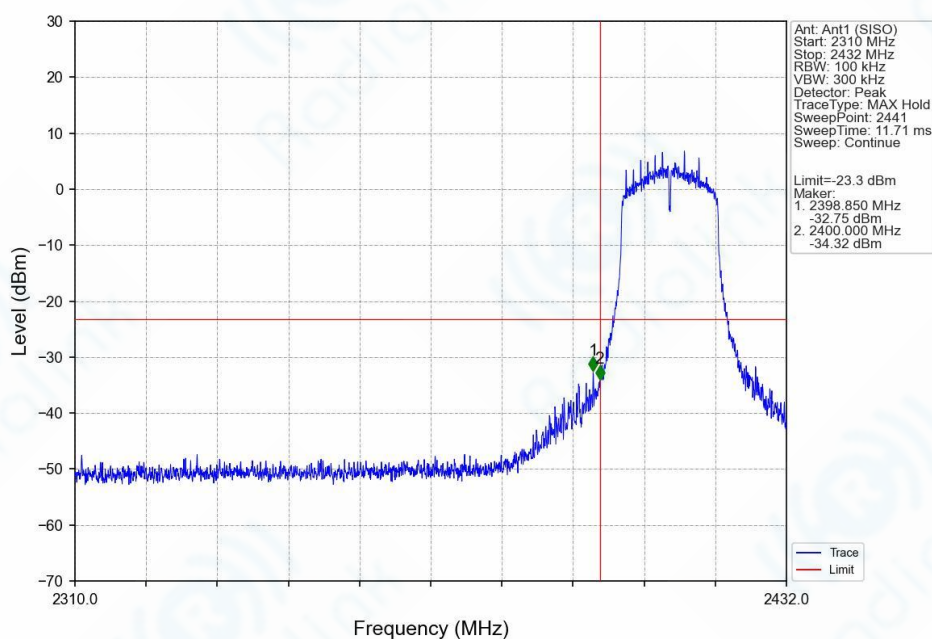
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802.11b_HCH_2462MHz_Ant1 (SISO)_NTNV



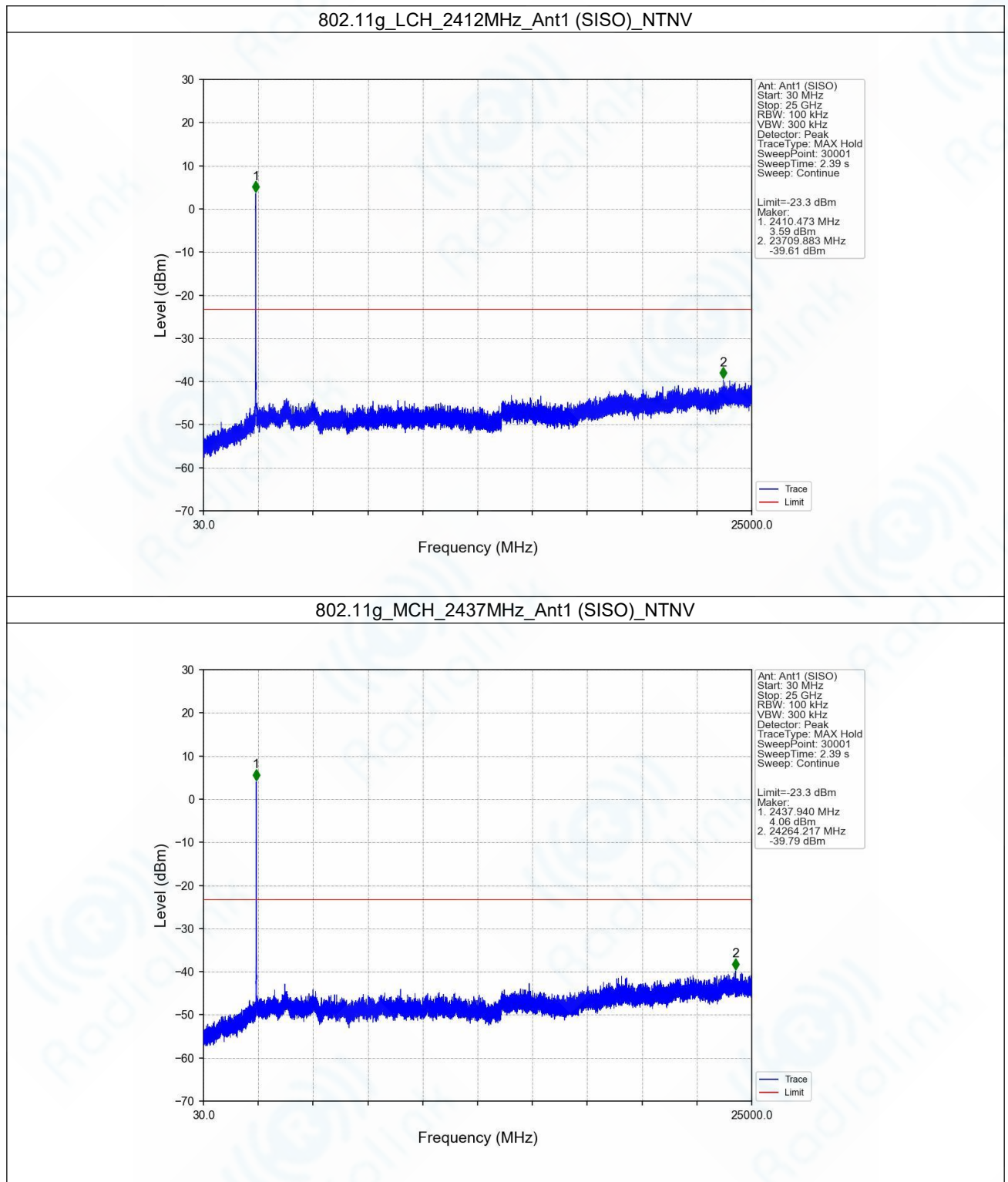
802.11g_LCH_2412MHz_Ant1 (SISO)_NTNV

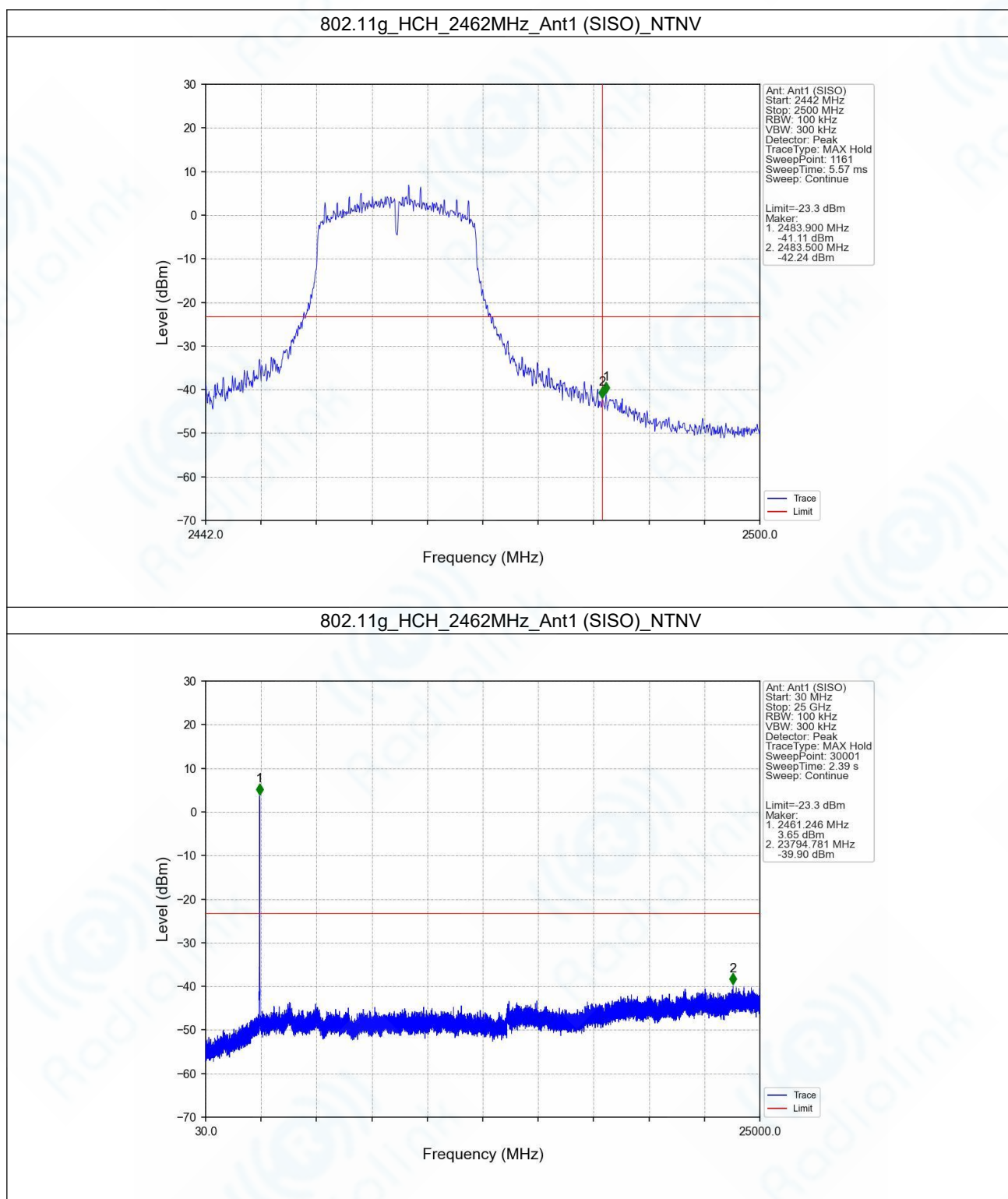


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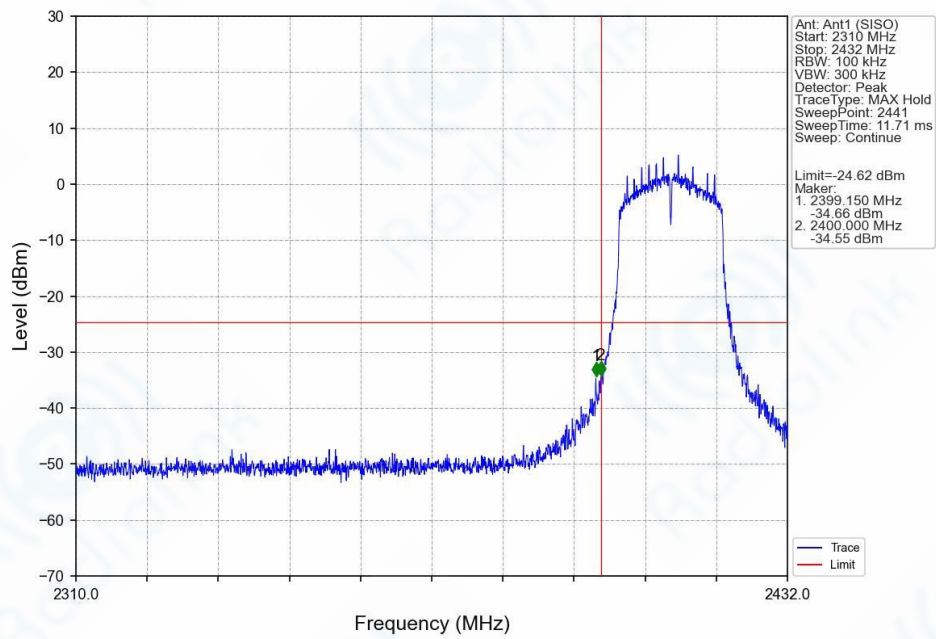
Room 103, Building B, Jinghang Industrial Park, Area 71, Xingdong Community, Xin'an Subdistrict, Bao'an District, Shenzhen, Guangdong Province, China

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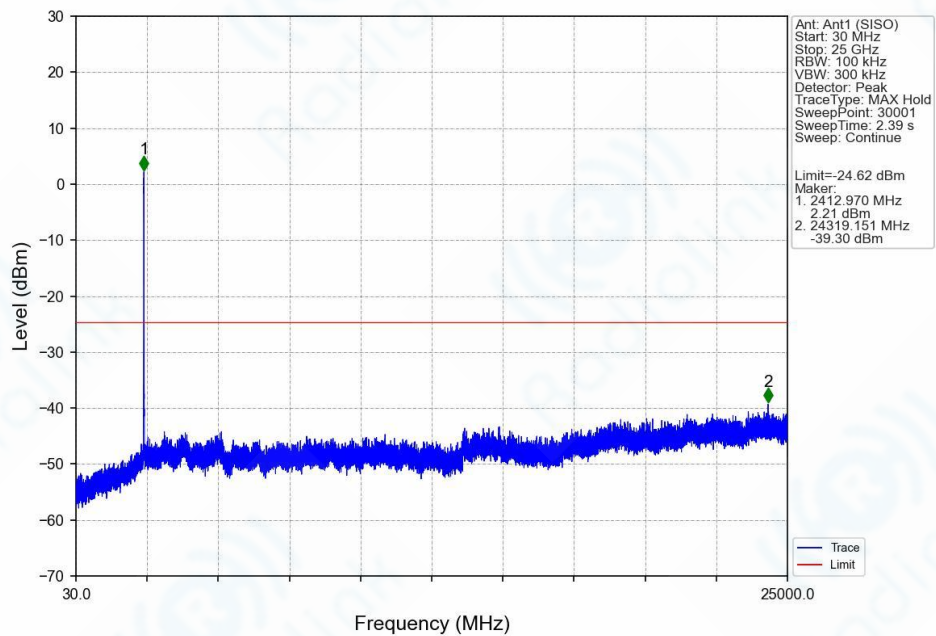




802.11n(HT20)_LCH_2412MHz_Ant1 (SISO)_NTNV



802.11n(HT20)_LCH_2412MHz_Ant1 (SISO)_NTNV

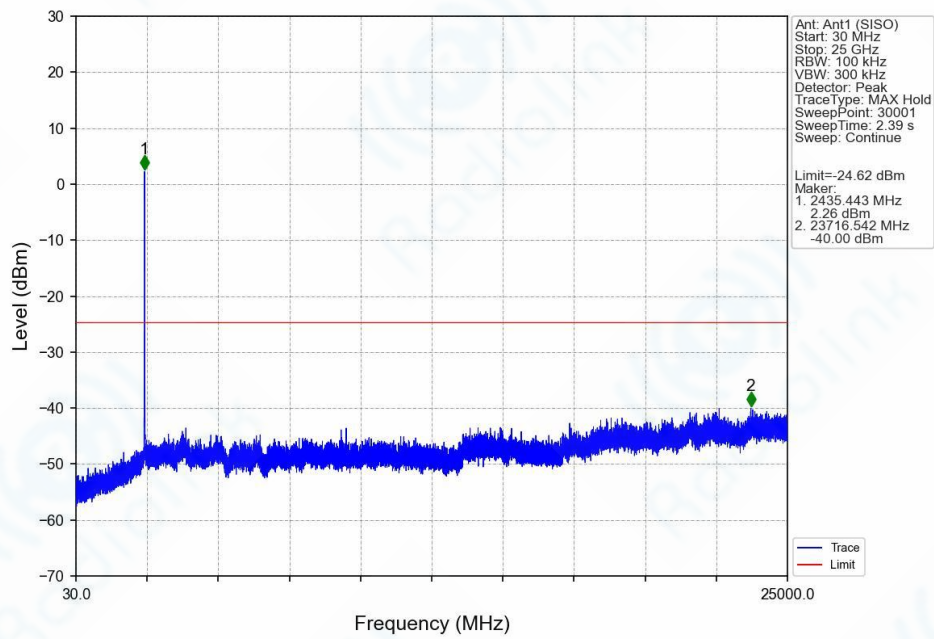


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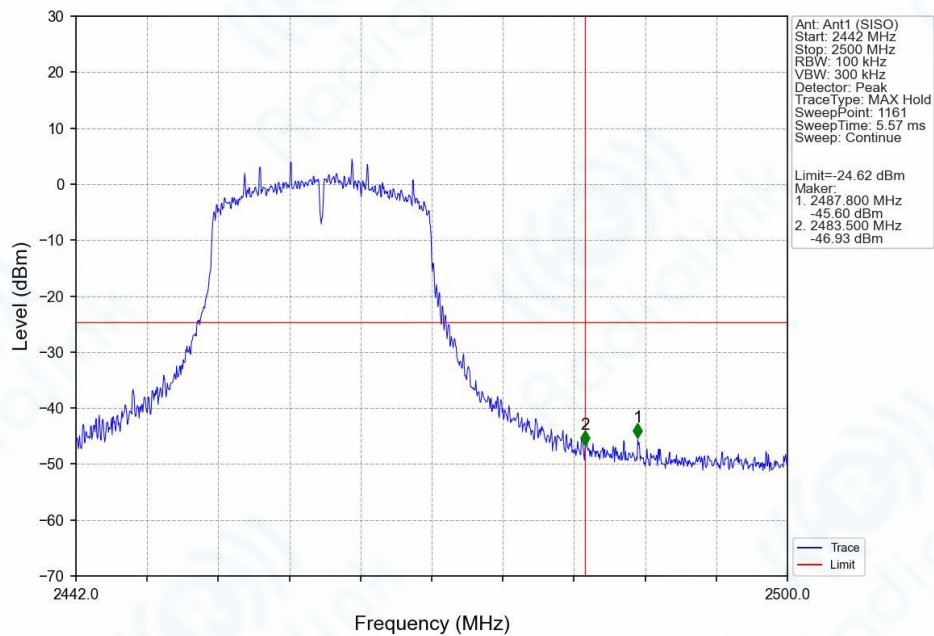
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802.11n(HT20)_MCH_2437MHz_Ant1 (SISO)_NTNV



802.11n(HT20)_HCH_2462MHz_Ant1 (SISO)_NTNV

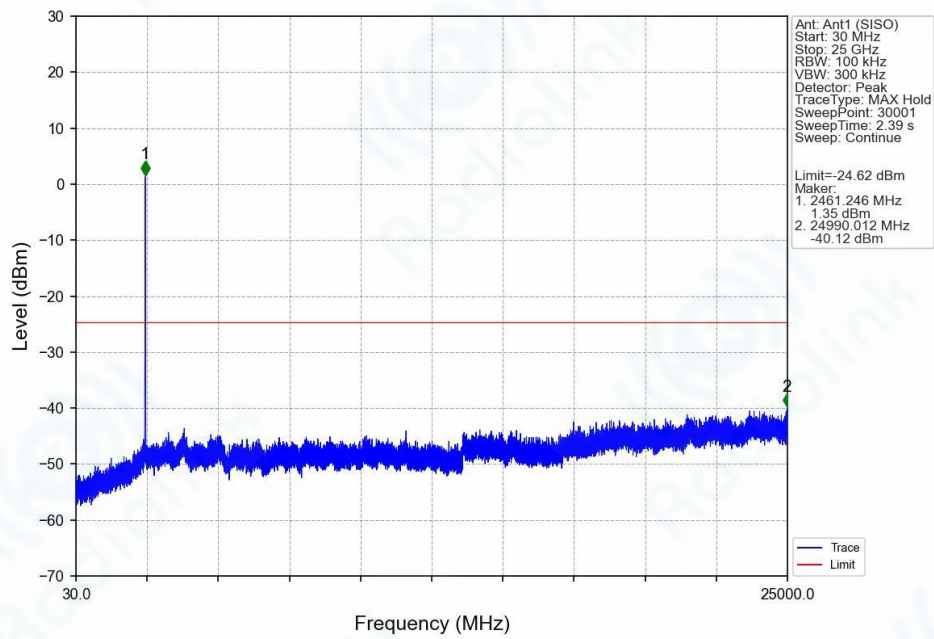


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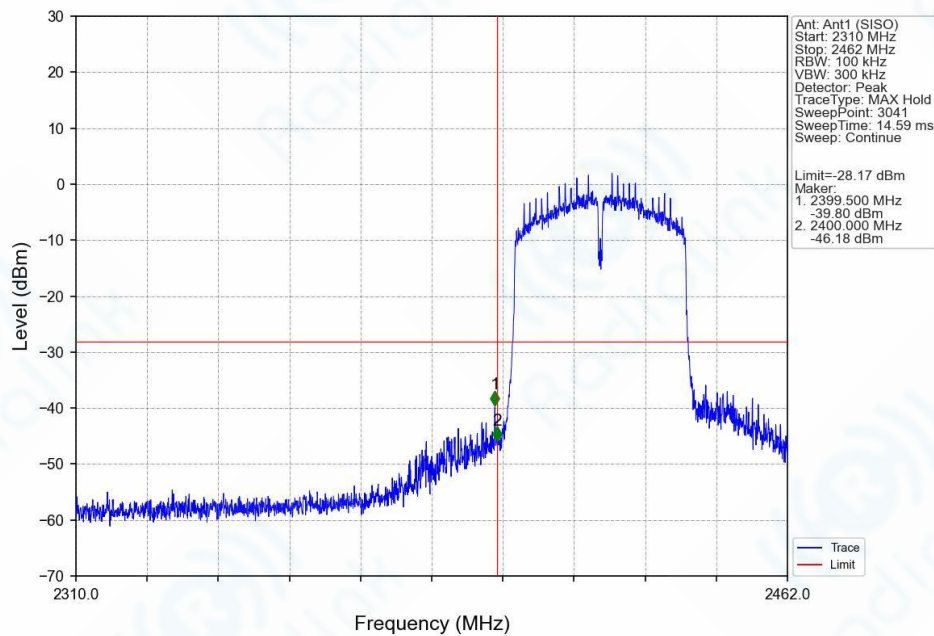
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802.11n(HT20)_HCH_2462MHz_Ant1 (SISO)_NTNV



802.11n(HT40)_LCH_2422MHz_Ant1 (SISO)_NTNV

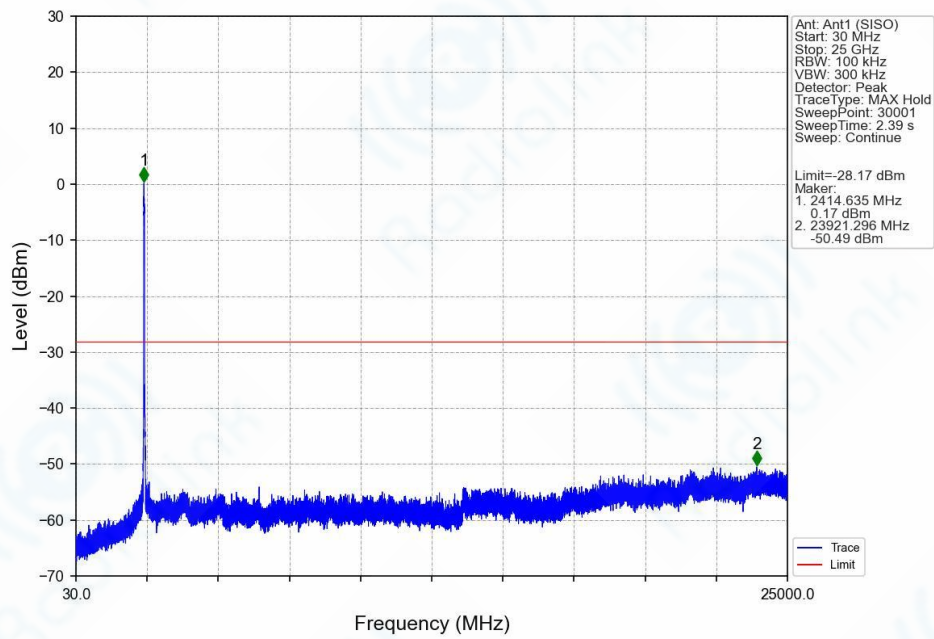


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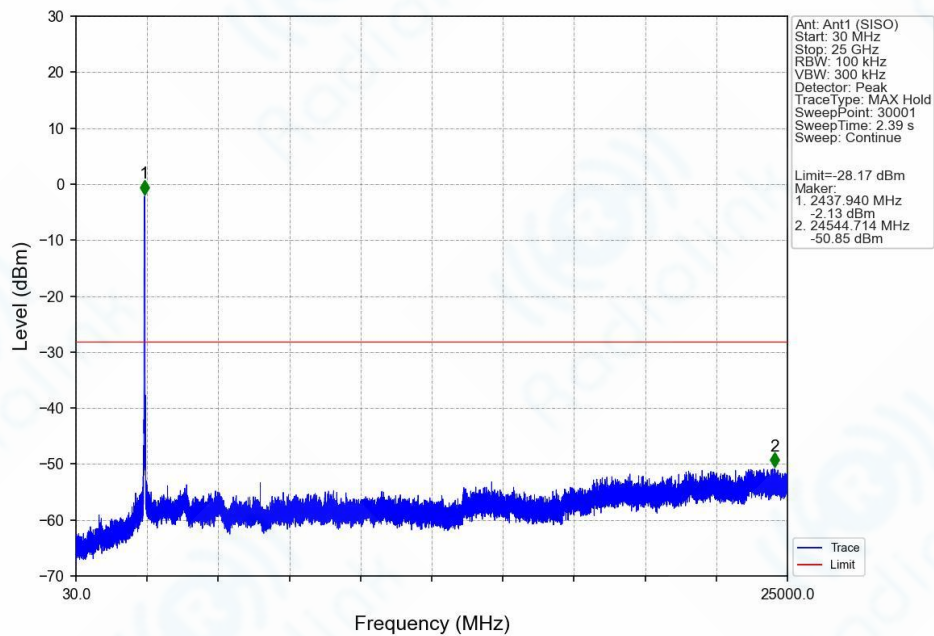
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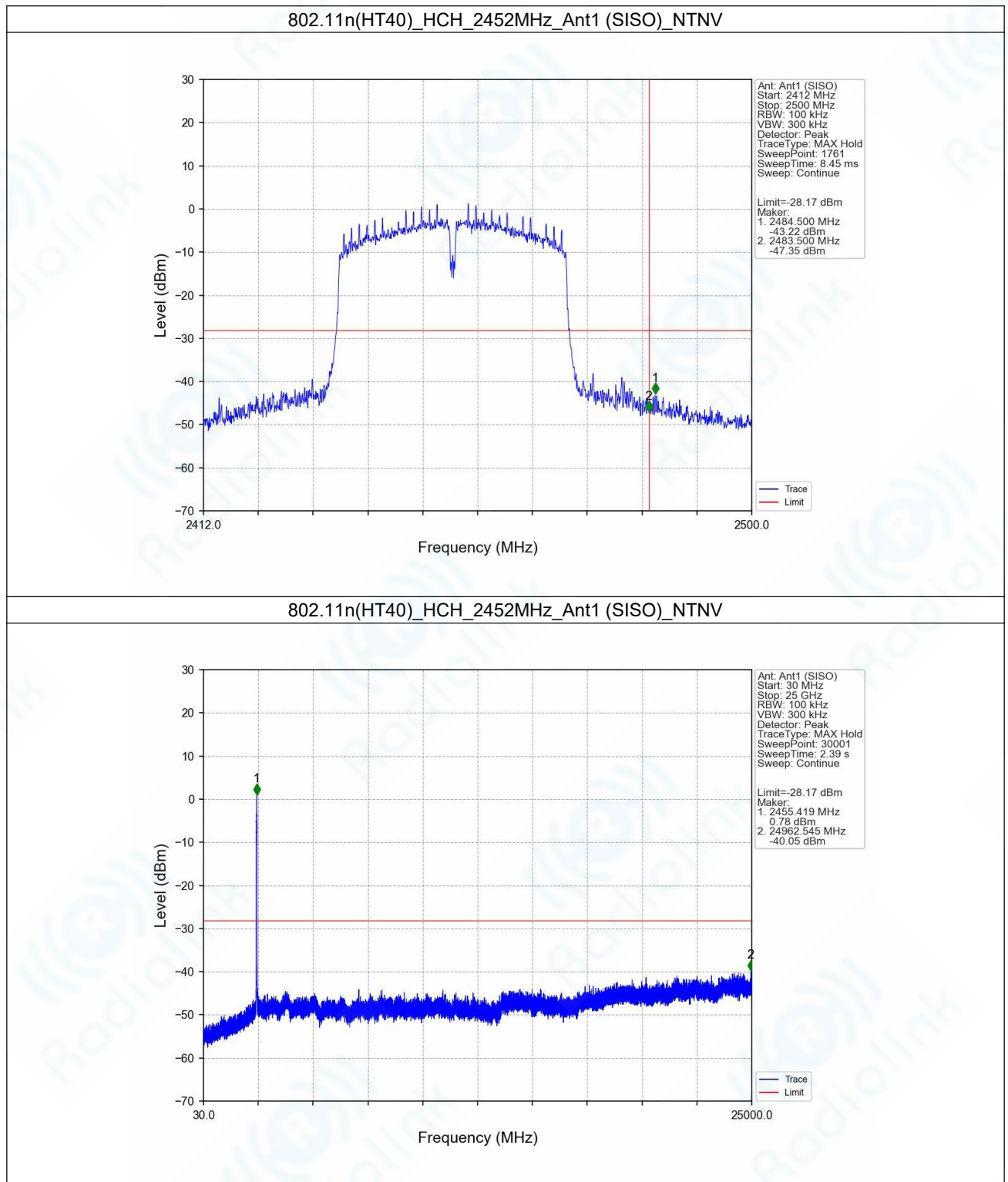
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802.11n(HT40)_LCH_2422MHz_Ant1 (SISO)_NTNV



802.11n(HT40)_MCH_2437MHz_Ant1 (SISO)_NTNV





- End of the Report -