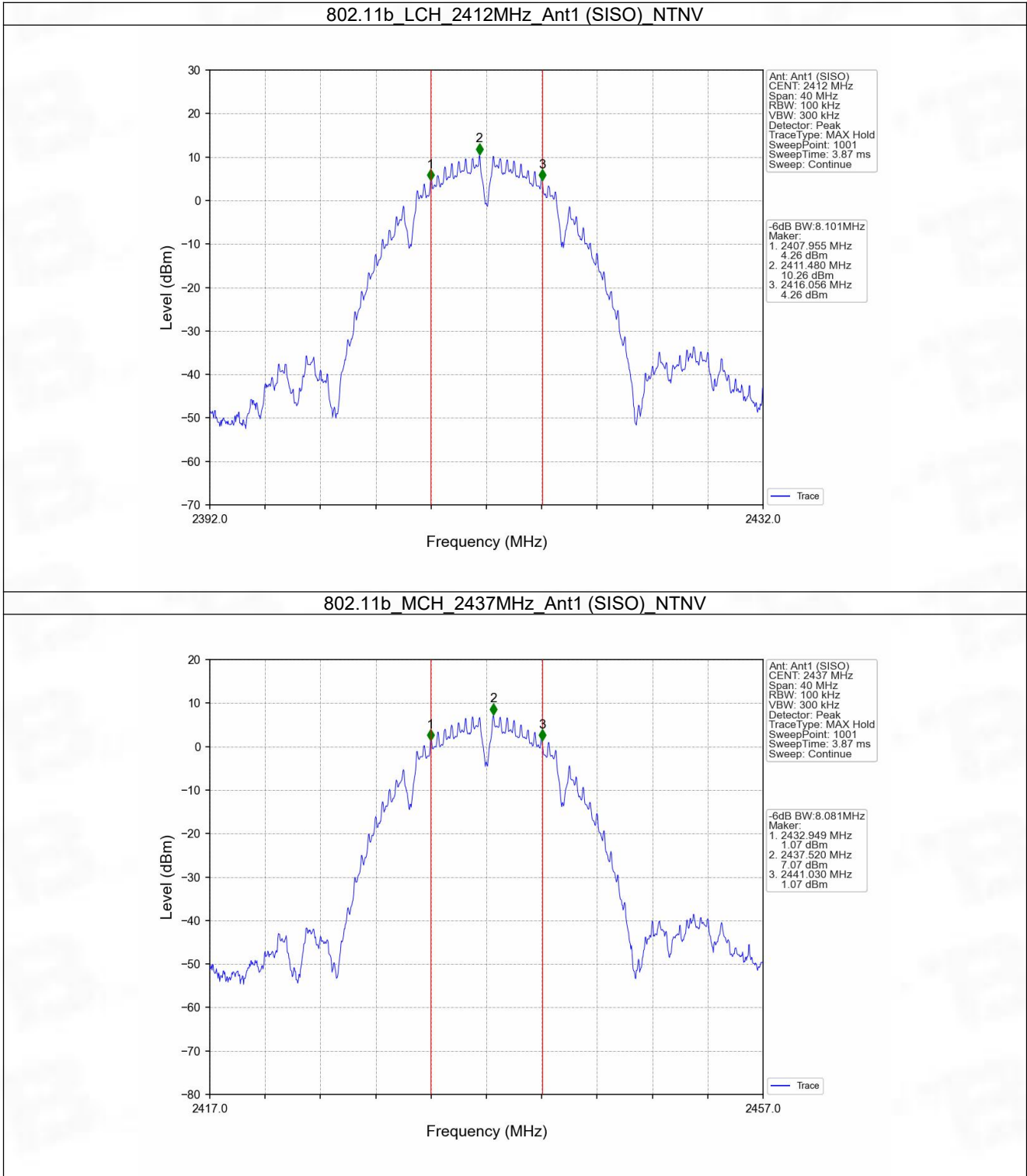
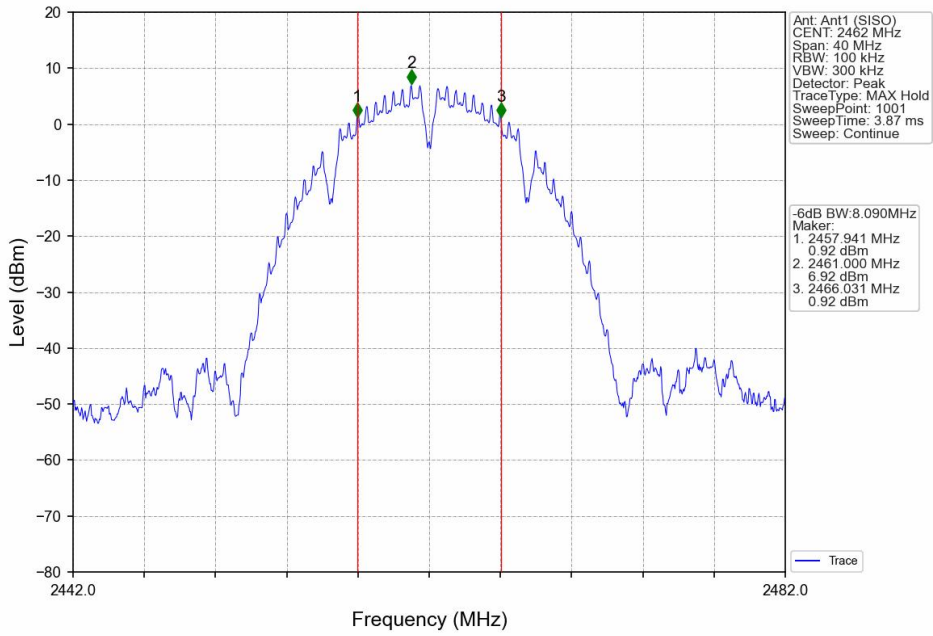


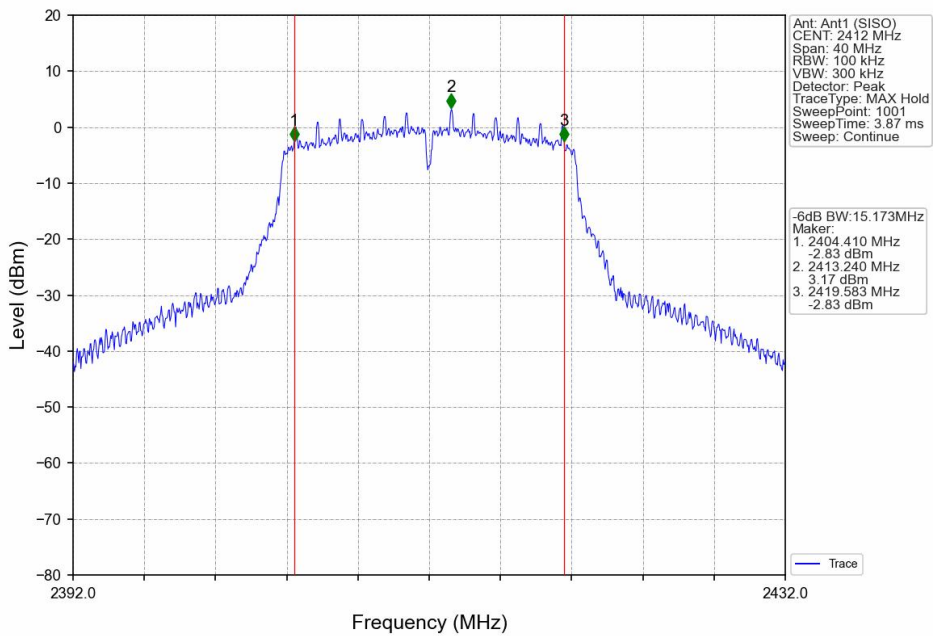
2.2.2 Test Graph

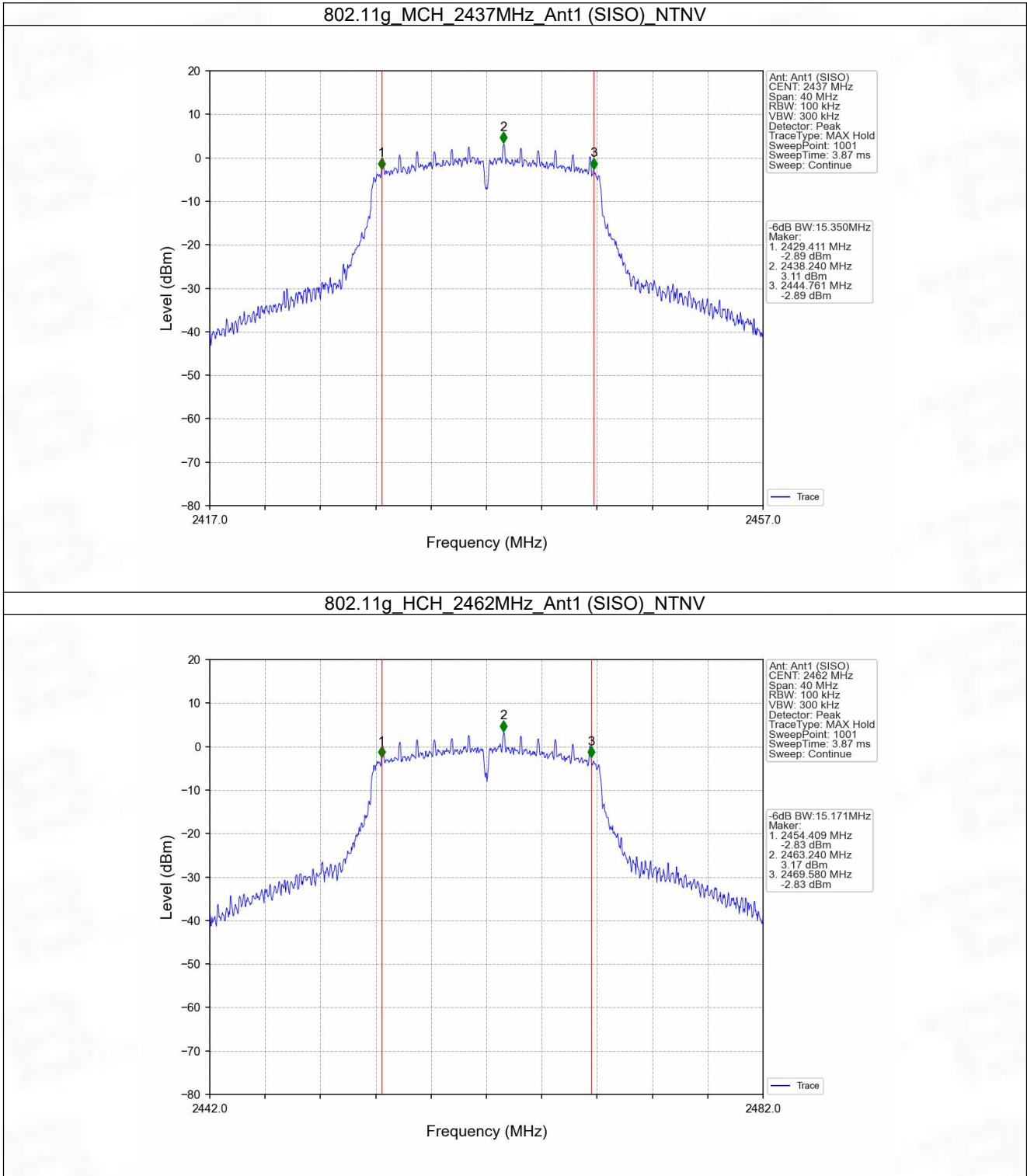


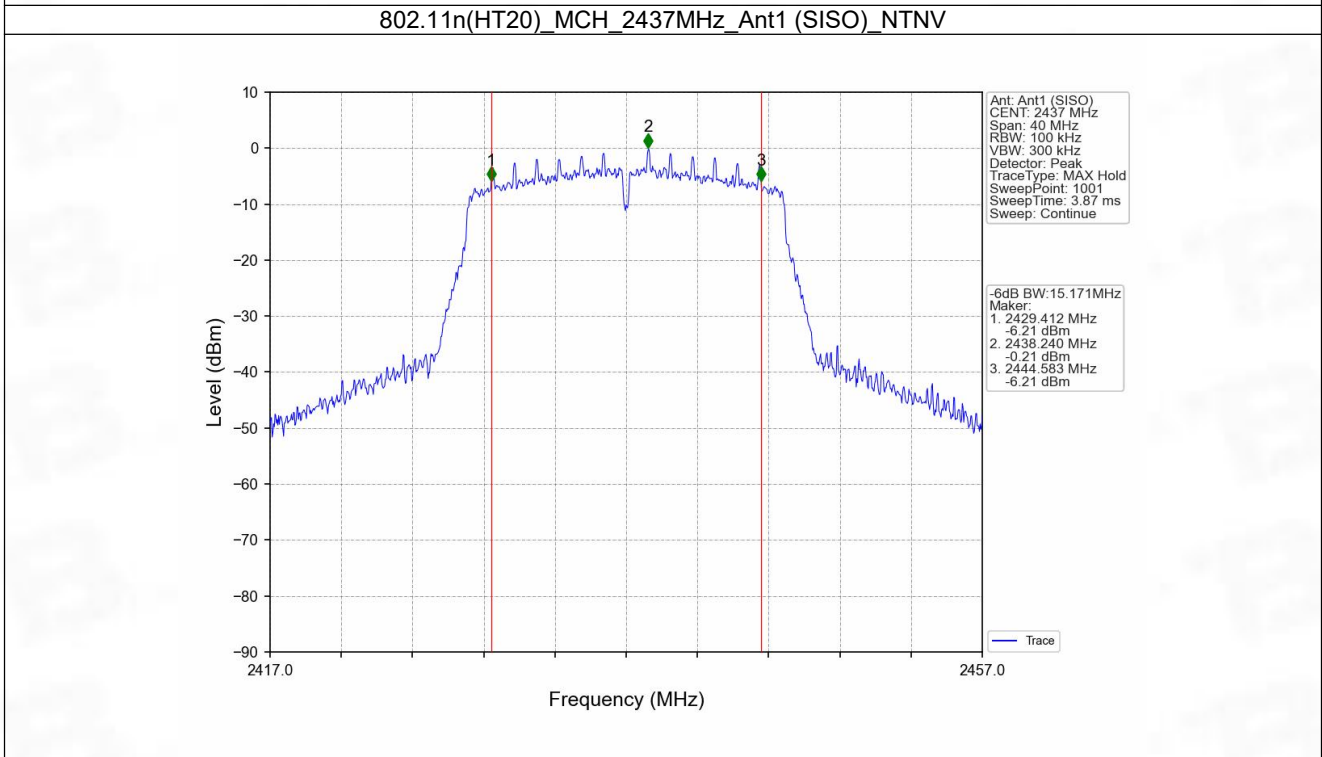
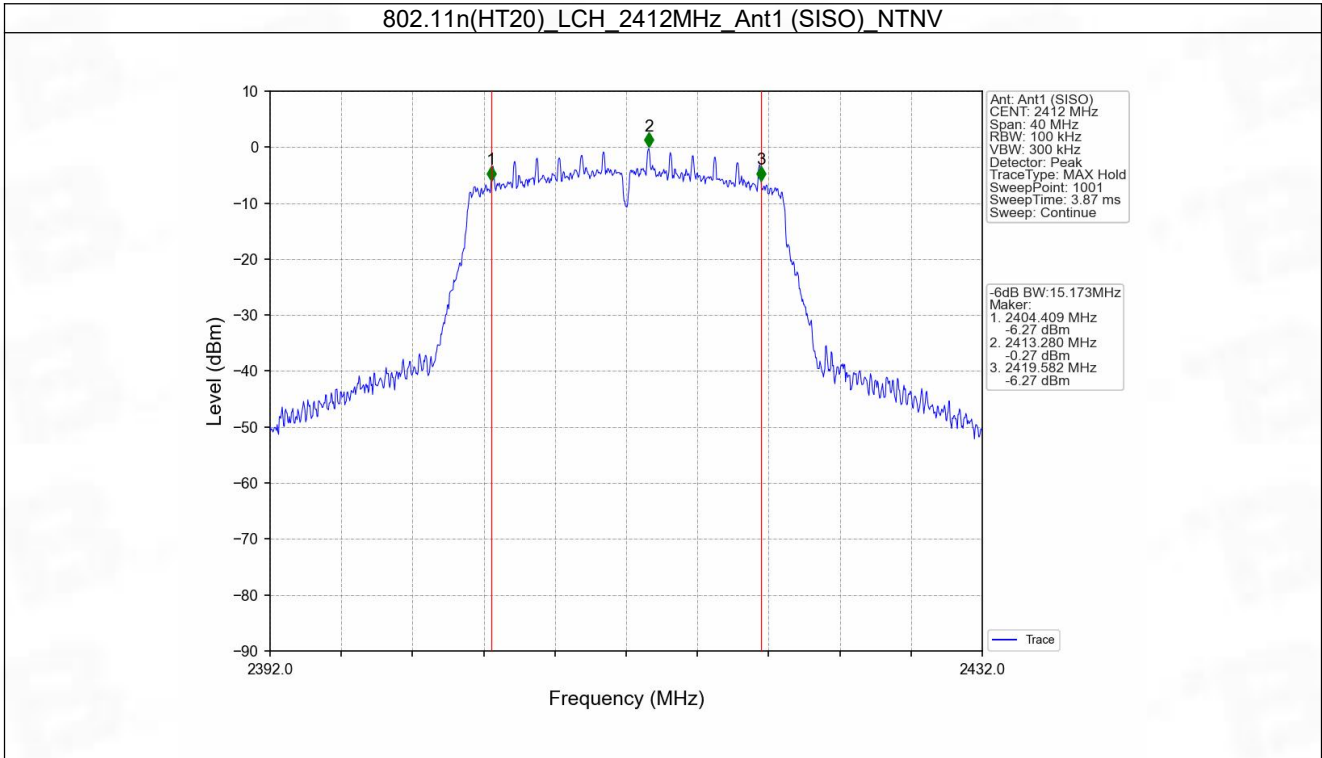
802.11b_HCH_2462MHz_Ant1 (SISO)_NTNV



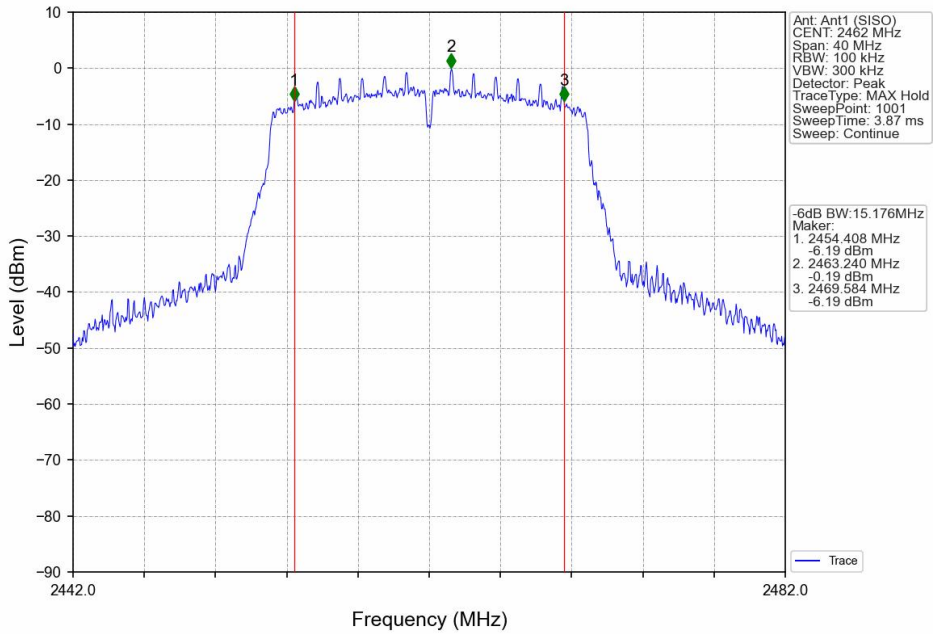
802.11g_LCH_2412MHz_Ant1 (SISO)_NTNV



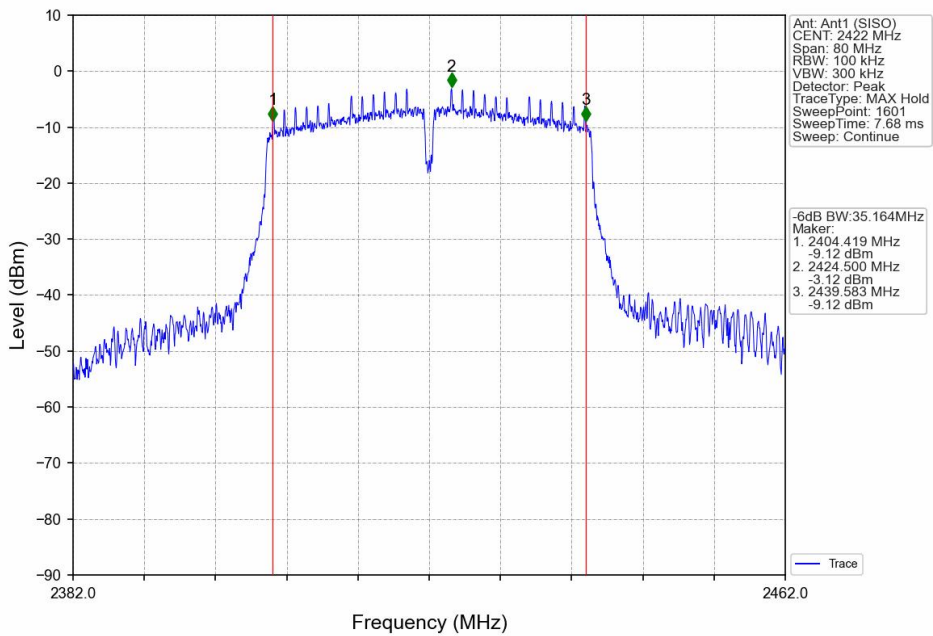




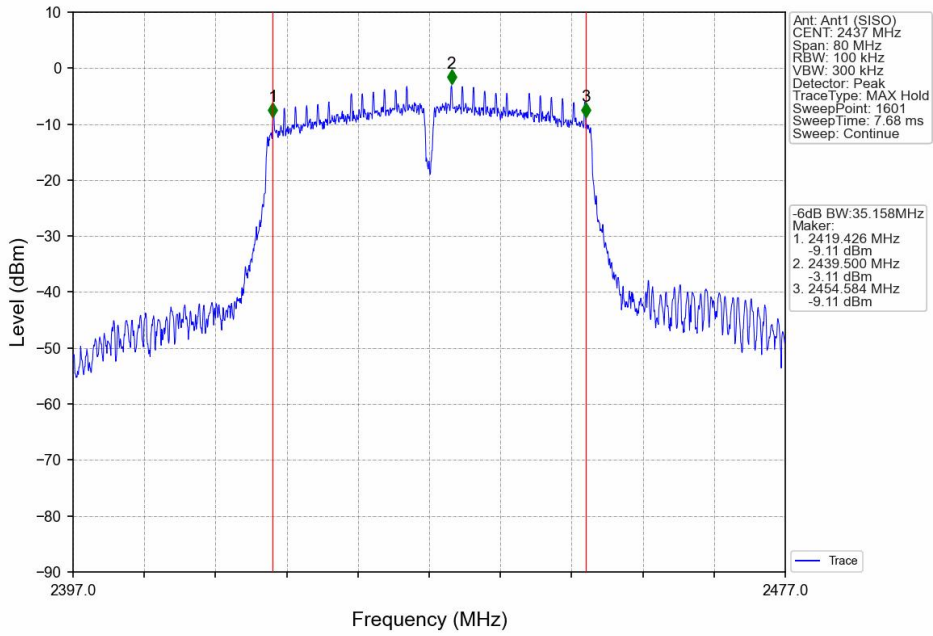
802.11n(HT20)_HCH_2462MHz_Ant1 (SISO)_NTNV



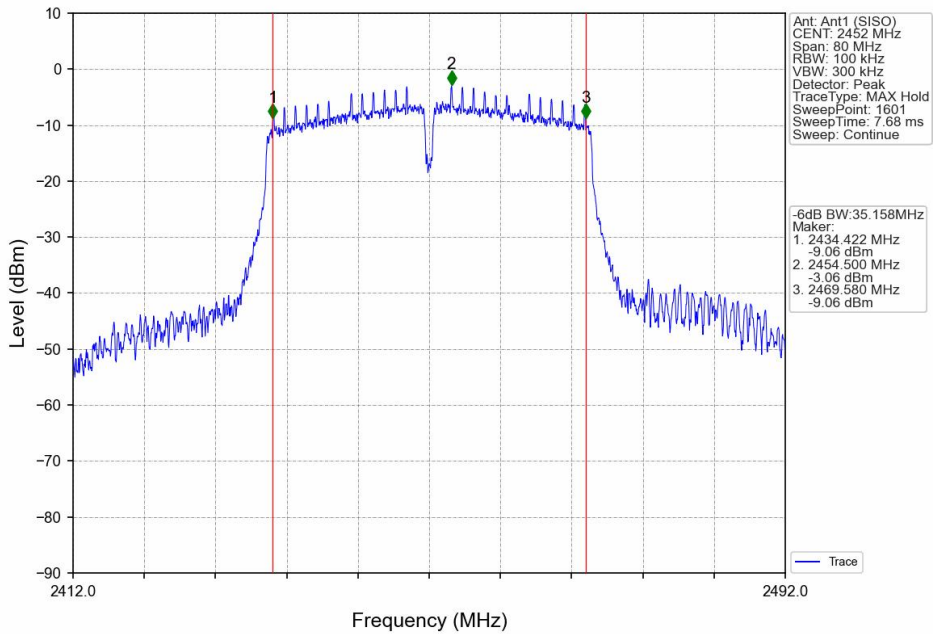
802.11n(HT40)_LCH_2422MHz_Ant1 (SISO)_NTNV



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 Peak Conducted Output Power (dBm)		Verdict
			ANT1	Limit	
802.11b	SISO	2412	17.44	<=30	Pass
		2437	17.43	<=30	Pass
		2462	17.46	<=30	Pass
802.11g	SISO	2412	17.40	<=30	Pass
		2437	17.45	<=30	Pass
		2462	17.44	<=30	Pass
802.11n (HT20)	SISO	2412	17.19	<=30	Pass
		2437	17.35	<=30	Pass
		2462	17.28	<=30	Pass
802.11n (HT40)	SISO	2422	17.88	<=30	Pass
		2437	17.86	<=30	Pass
		2452	17.85	<=30	Pass

Note1: Antenna Gain: Ant1: 1.16dBi;

4. Maximum Power Spectral Density

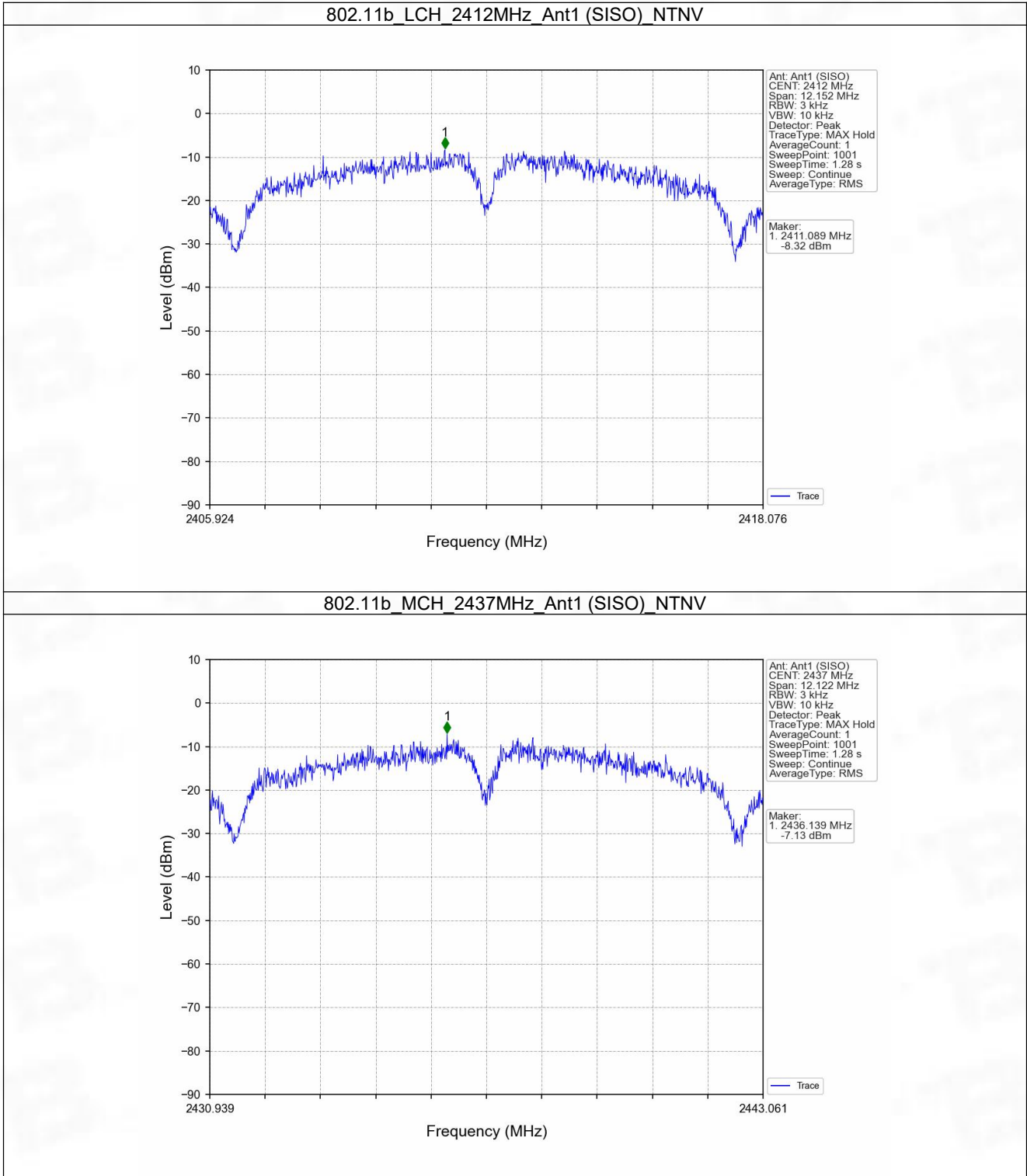
4.1 PSD

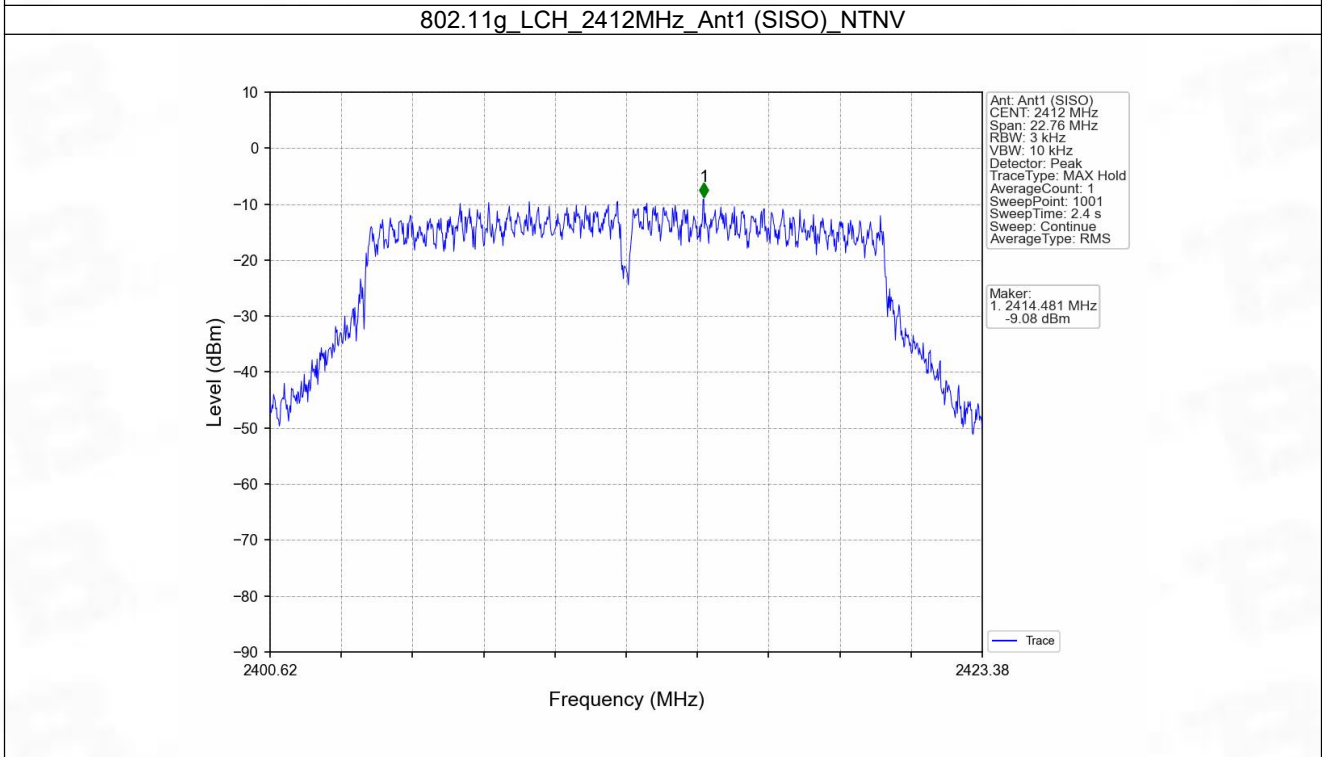
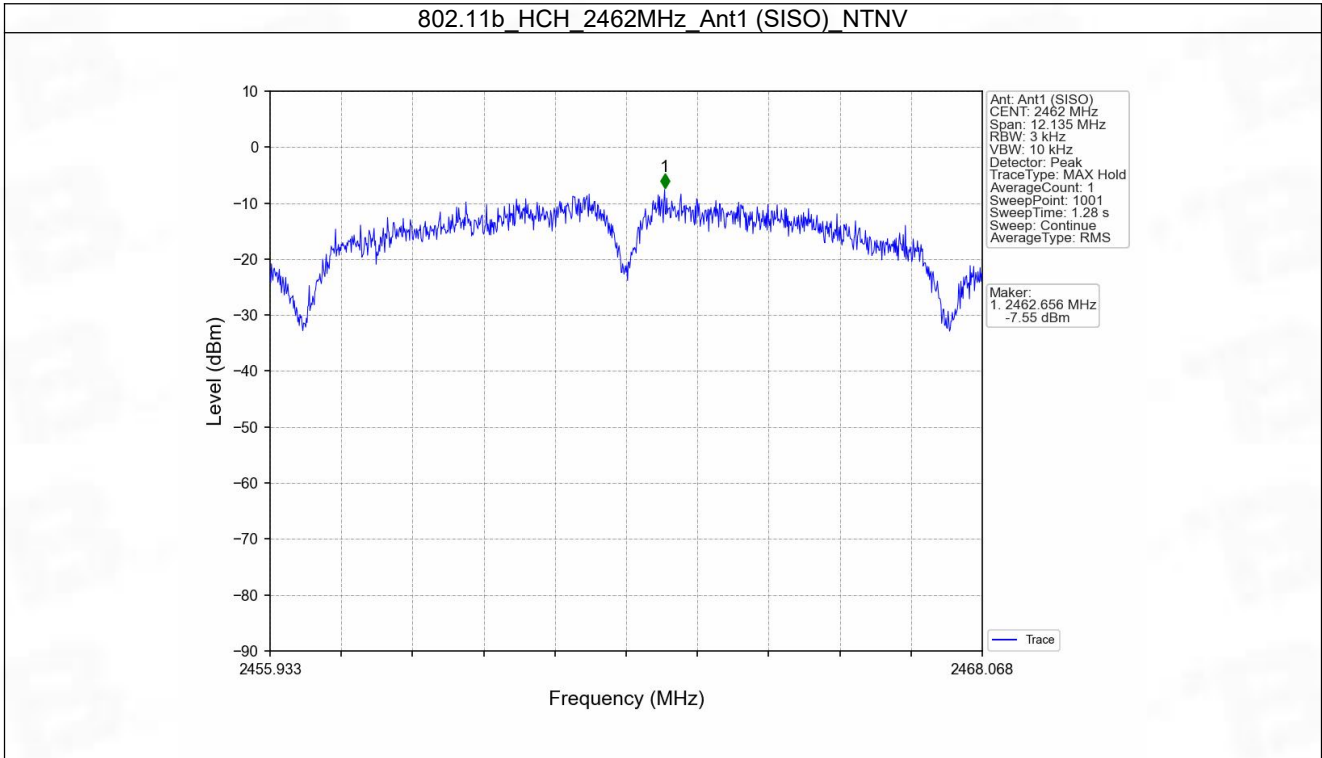
4.1.1 Test Result

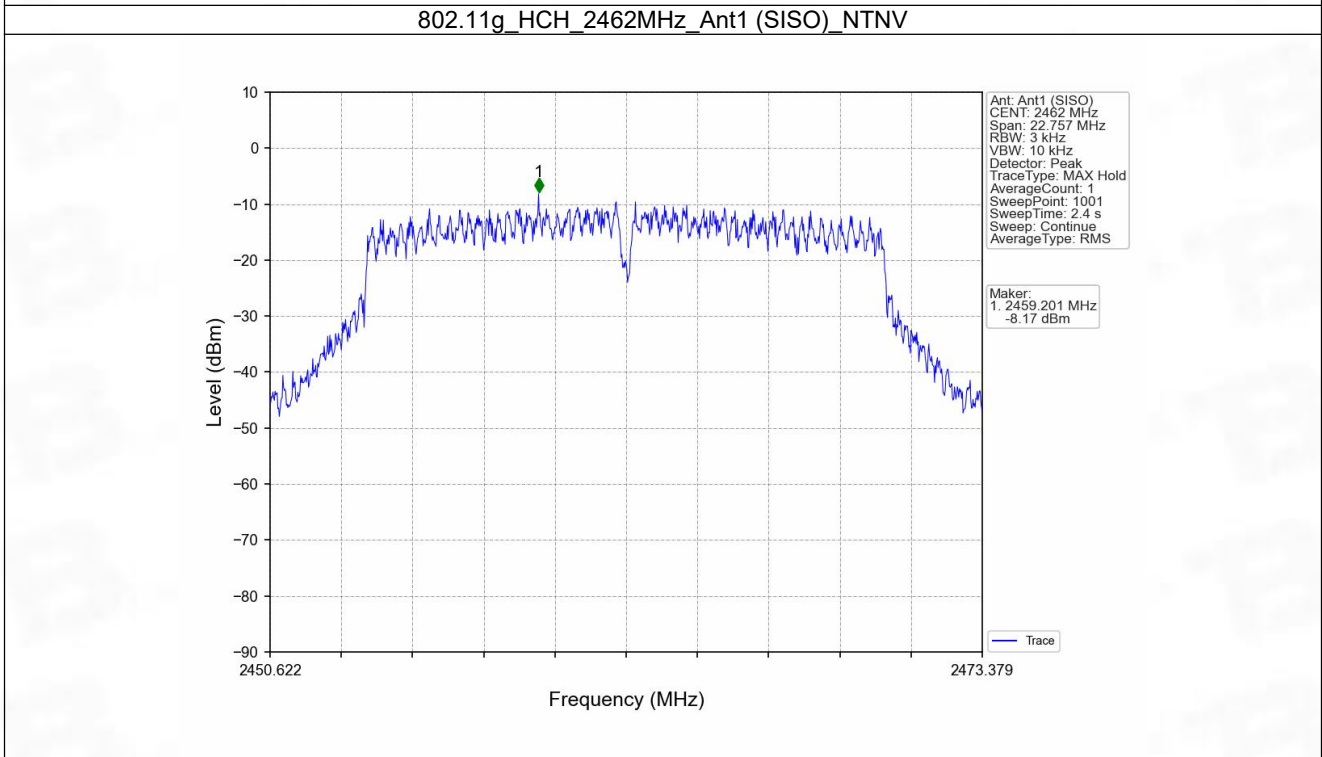
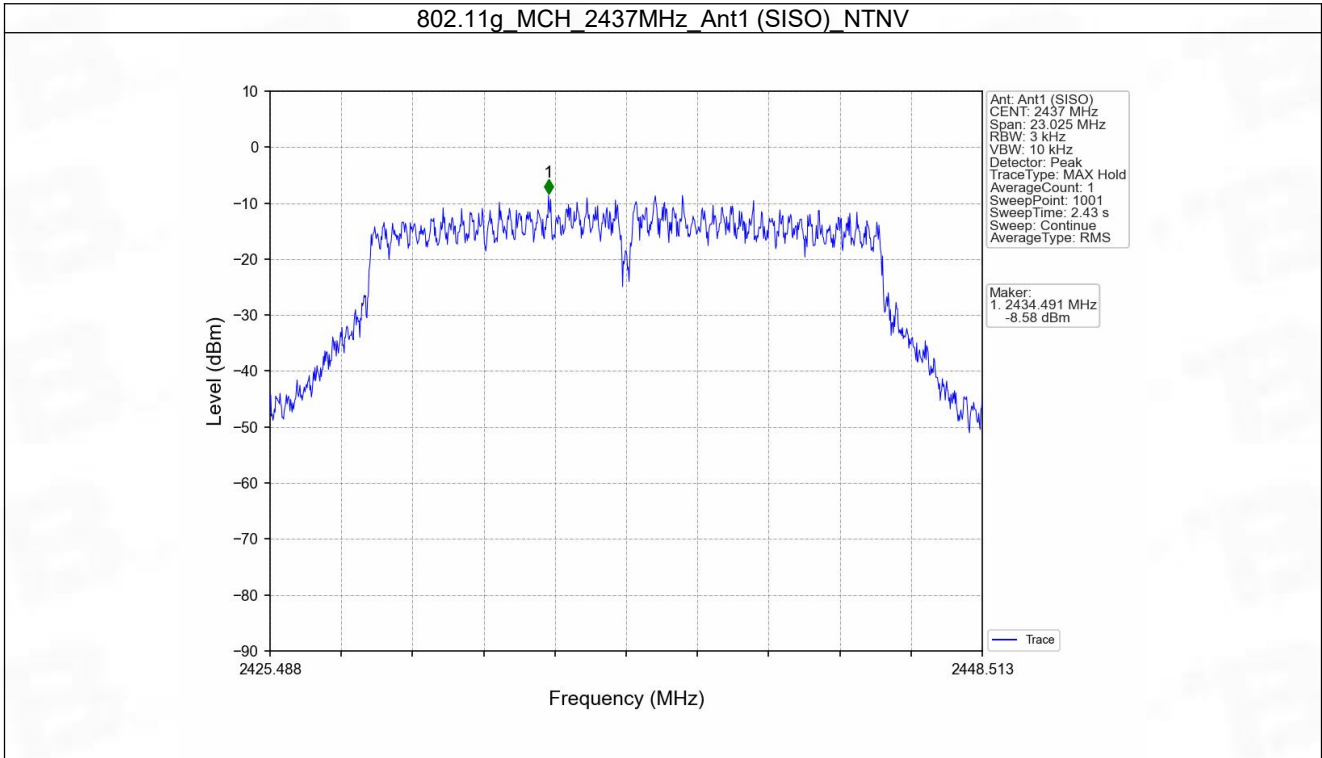
Mode	TX Type	Frequency (MHz)	Maximum PSD (dBm/3kHz)		Verdict
			ANT1	Limit	
802.11b	SISO	2412	-8.32	<=8	Pass
		2437	-7.13	<=8	Pass
		2462	-7.55	<=8	Pass
802.11g	SISO	2412	-9.08	<=8	Pass
		2437	-8.58	<=8	Pass
		2462	-8.17	<=8	Pass
802.11n (HT20)	SISO	2412	-8.23	<=8	Pass
		2437	-9.00	<=8	Pass
		2462	-10.04	<=8	Pass
802.11n (HT40)	SISO	2422	-13.14	<=8	Pass
		2437	-12.37	<=8	Pass
		2452	-12.01	<=8	Pass

Note1: Antenna Gain: Ant1: 1.16dBi;

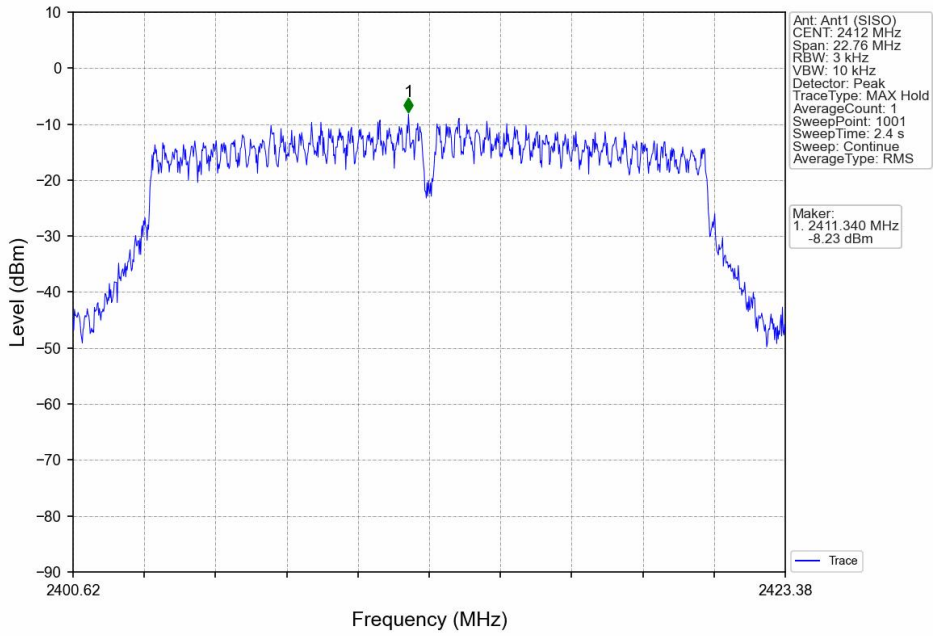
4.1.2 Test Graph



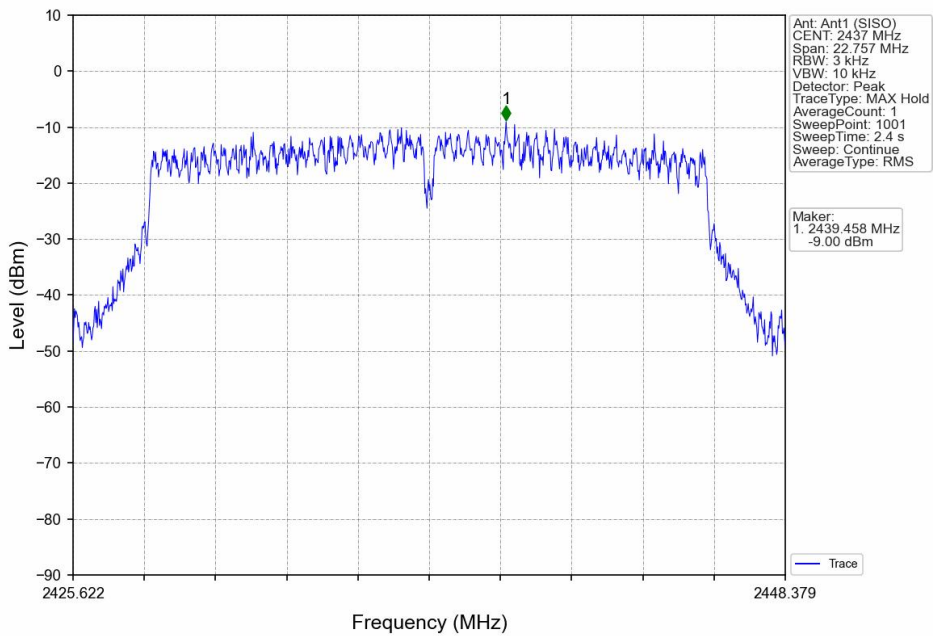




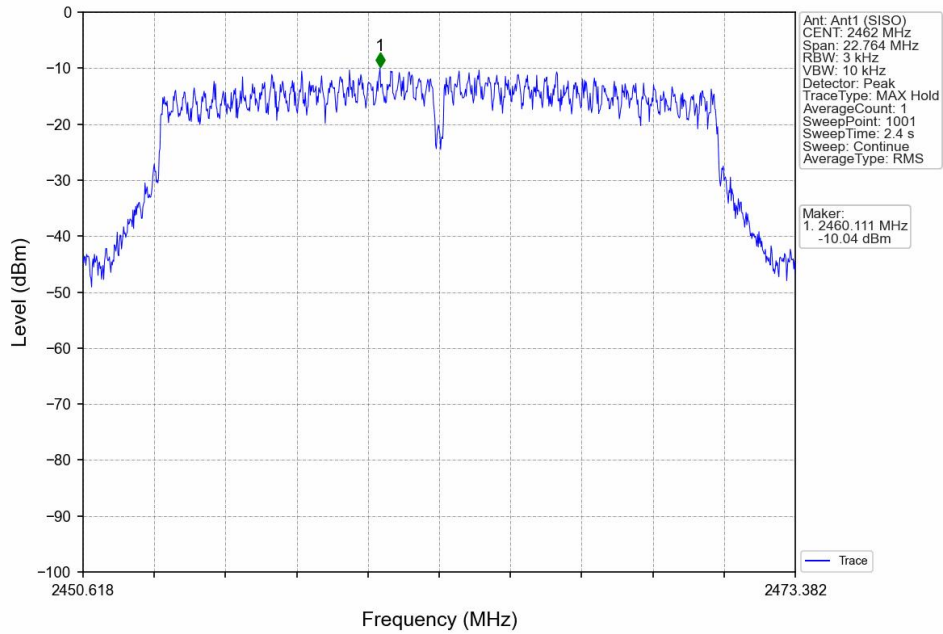
802.11n(HT20)_LCH_2412MHz_Ant1 (SISO)_NTNV



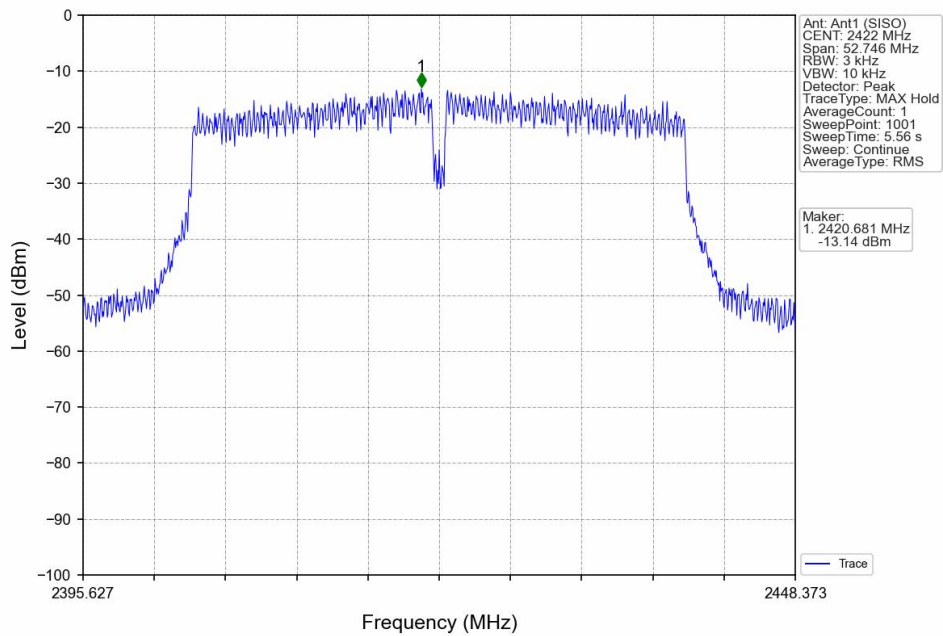
802.11n(HT20)_MCH_2437MHz_Ant1 (SISO)_NTNV



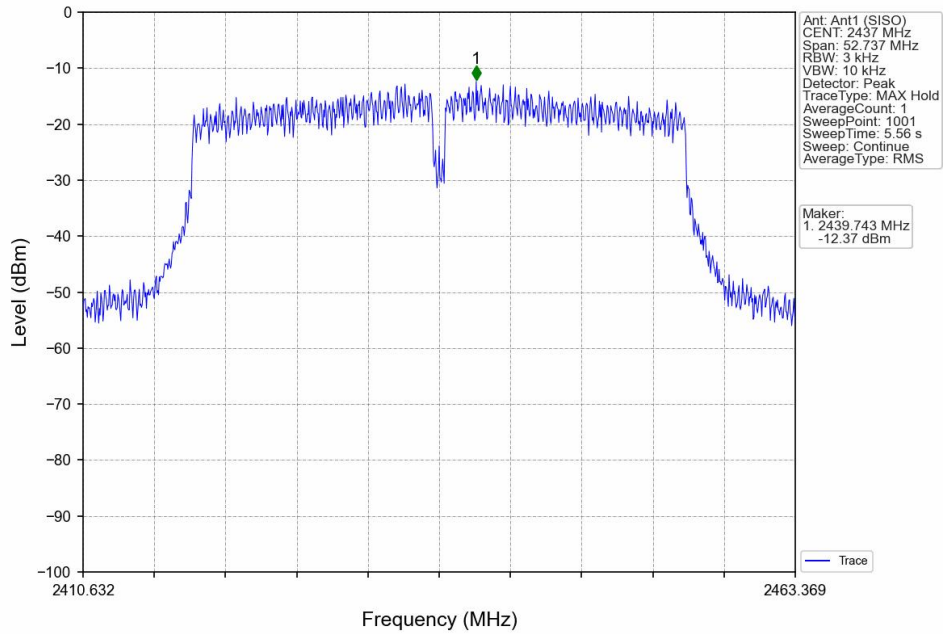
802.11n(HT20)_HCH_2462MHz_Ant1 (SISO)_NTNV



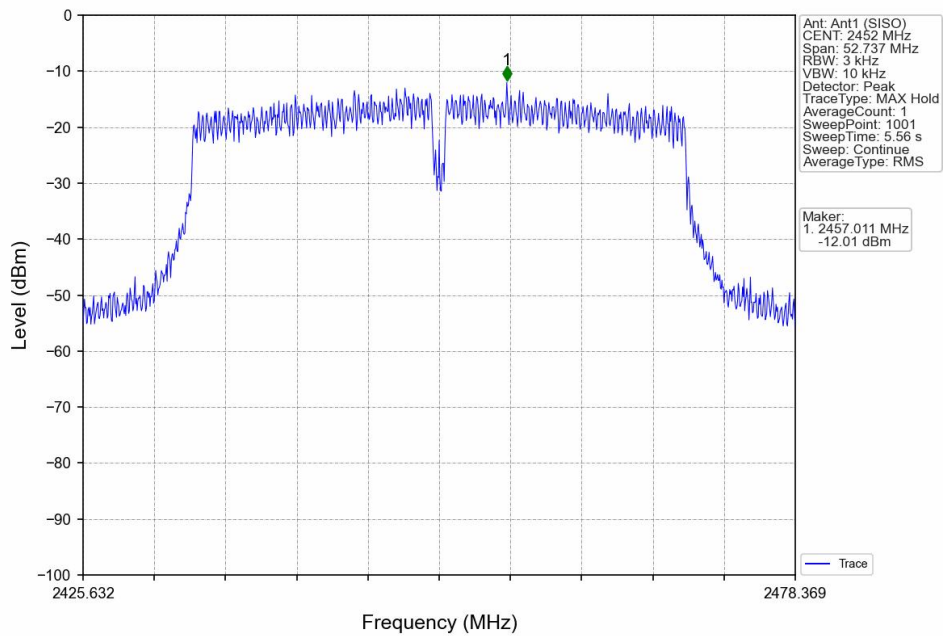
802.11n(HT40)_LCH_2422MHz_Ant1 (SISO)_NTNV



802.11n(HT40)_MCH_2437MHz_Ant1 (SISO)_NTNV



802.11n(HT40)_HCH_2452MHz_Ant1 (SISO)_NTNV



5. Unwanted Emissions In Non-restricted Frequency Bands

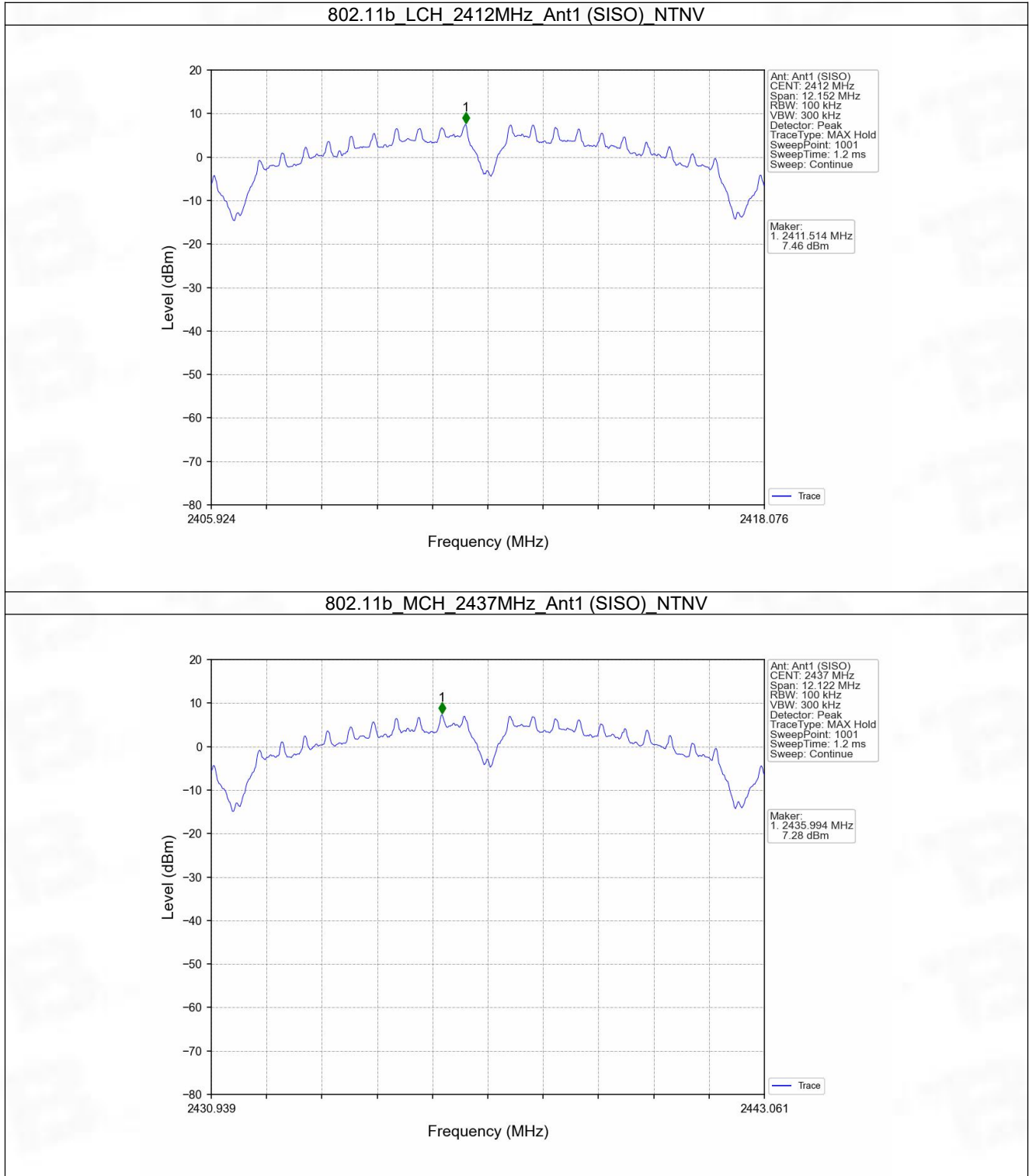
5.1 Ref

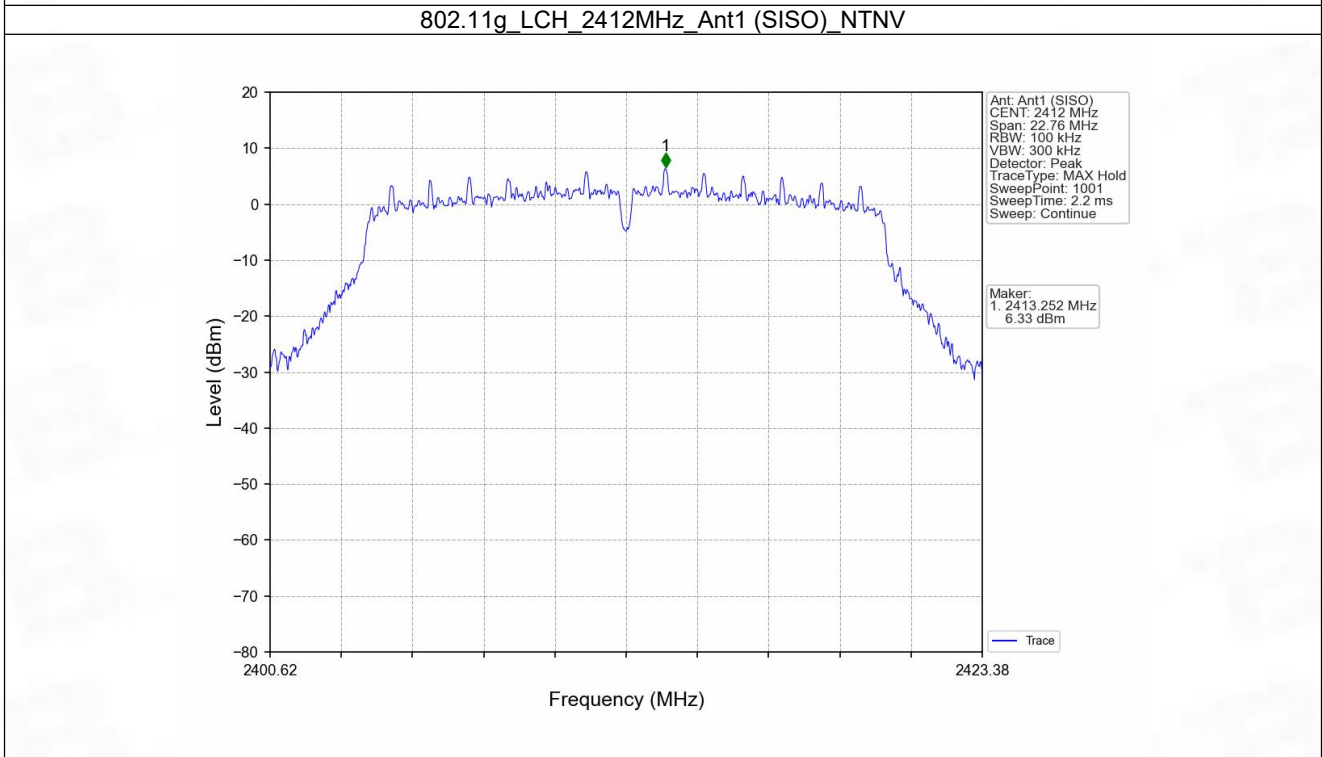
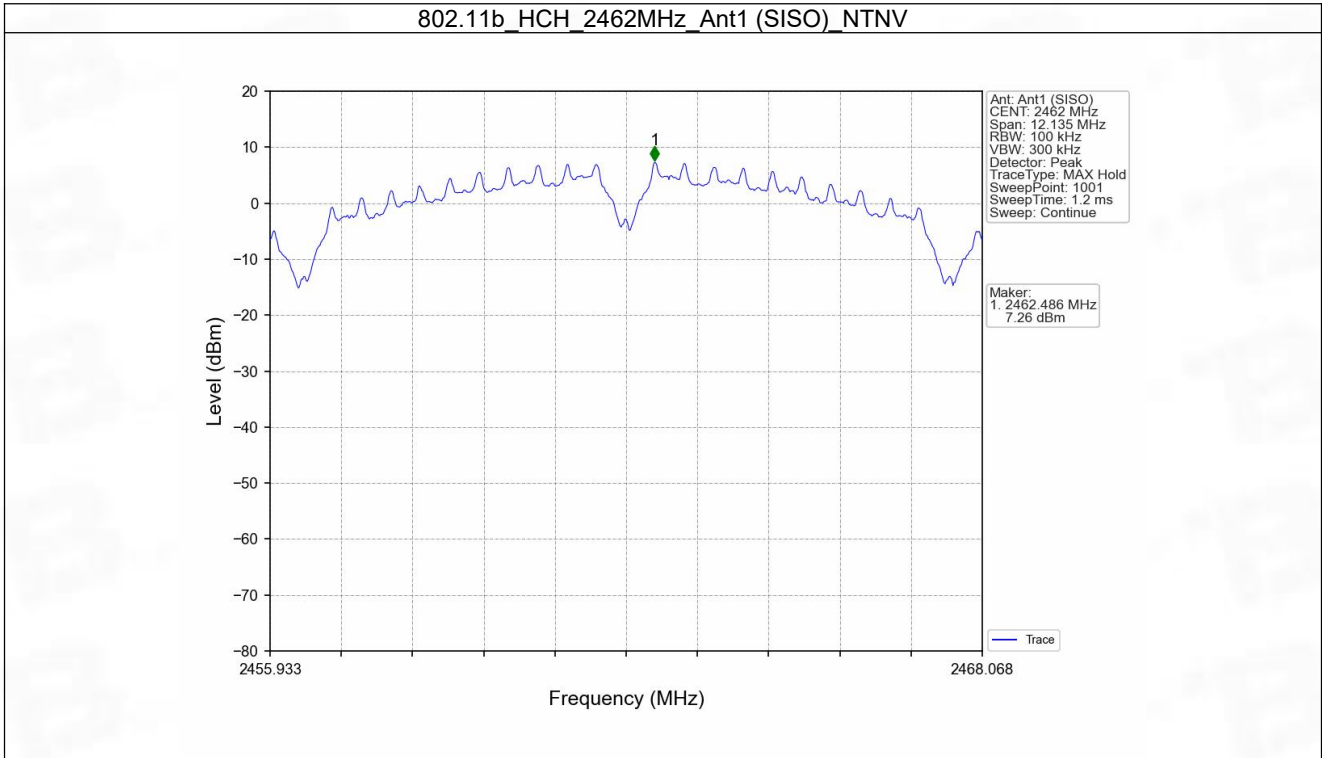
5.1.1 Test Result

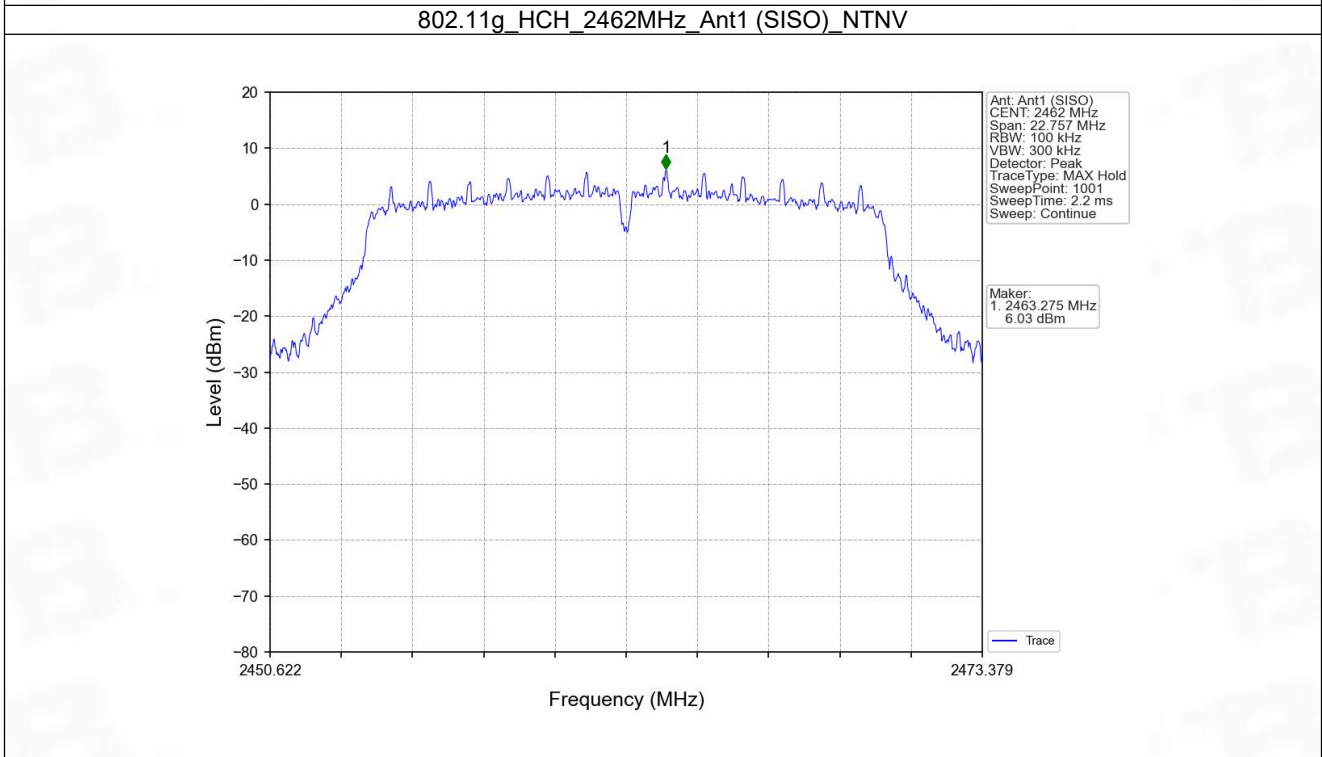
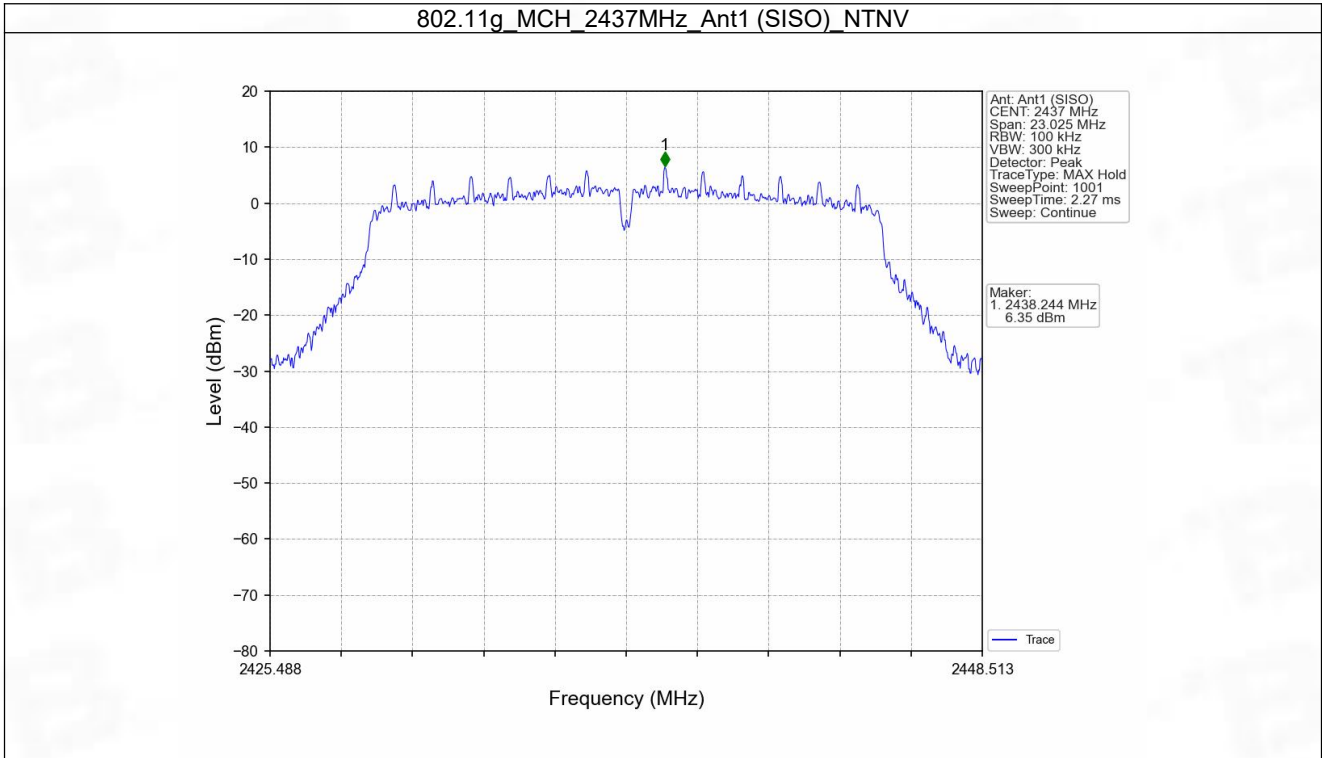
Mode	TX Type	Frequency (MHz)	ANT	Level of Reference (dBm)
802.11b	SISO	2412	1	7.46
		2437	1	7.28
		2462	1	7.26
802.11g	SISO	2412	1	6.33
		2437	1	6.35
		2462	1	6.03
802.11n (HT20)	SISO	2412	1	6.47
		2437	1	6.09
		2462	1	5.47
802.11n (HT40)	SISO	2422	1	2.17
		2437	1	2.23
		2452	1	2.13

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.

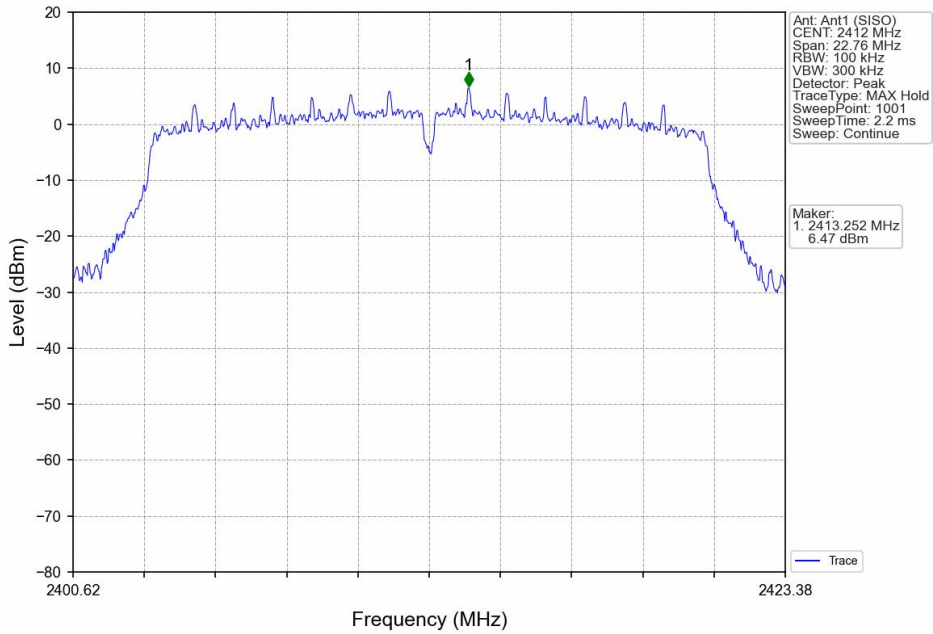
5.1.2 Test Graph



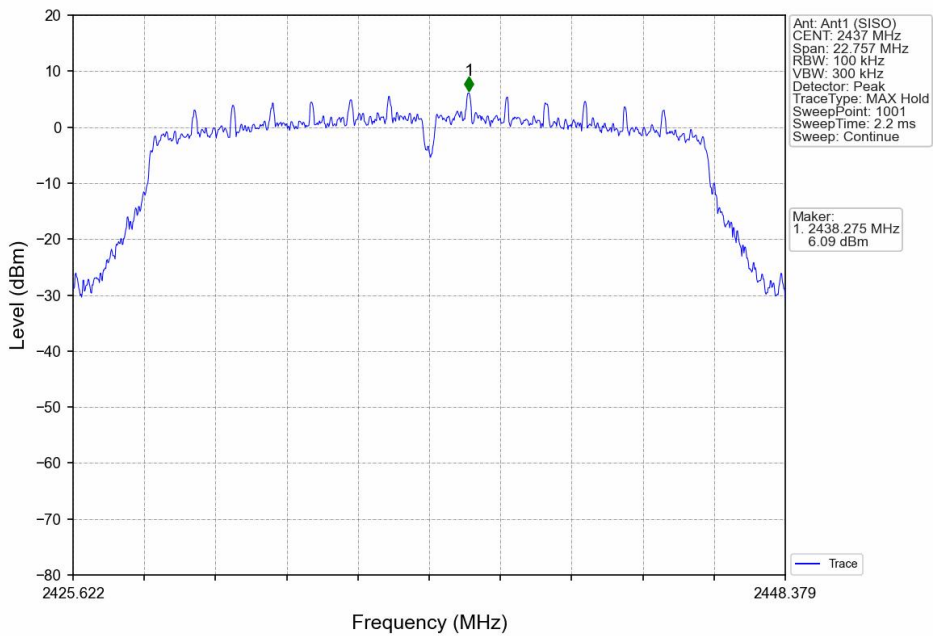




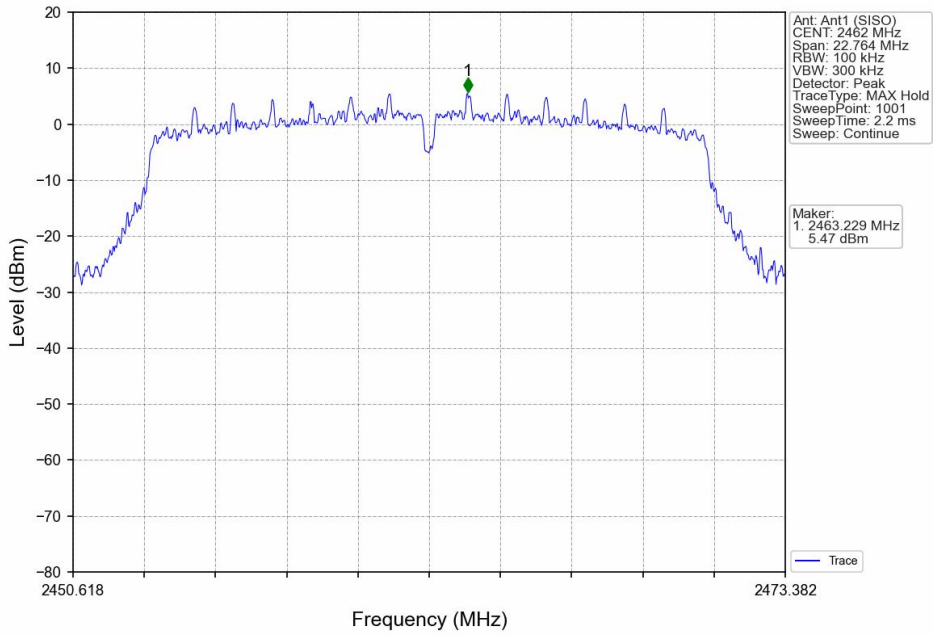
802.11n(HT20)_LCH_2412MHz_Ant1 (SISO)_NTNV



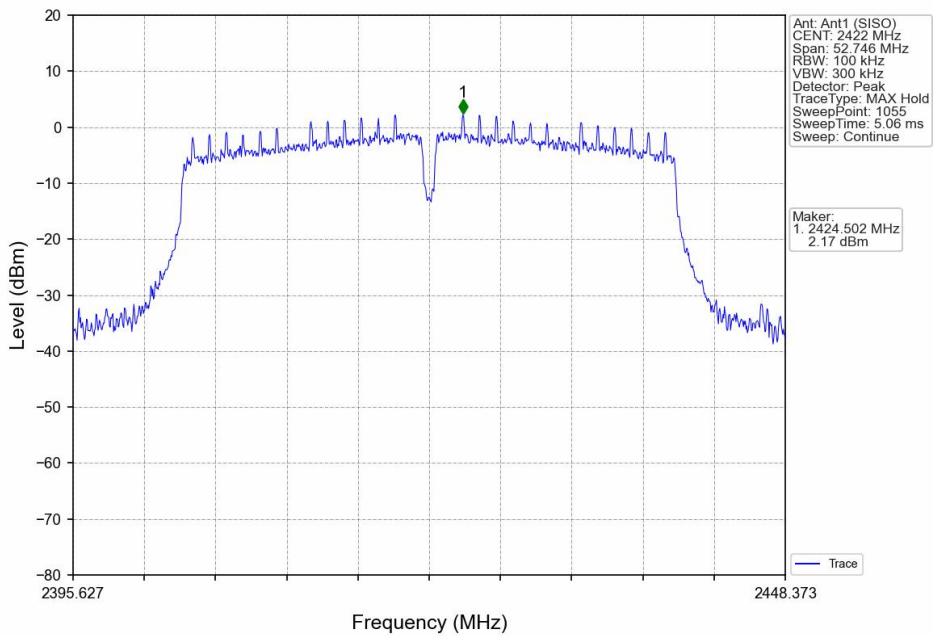
802.11n(HT20)_MCH_2437MHz_Ant1 (SISO)_NTNV



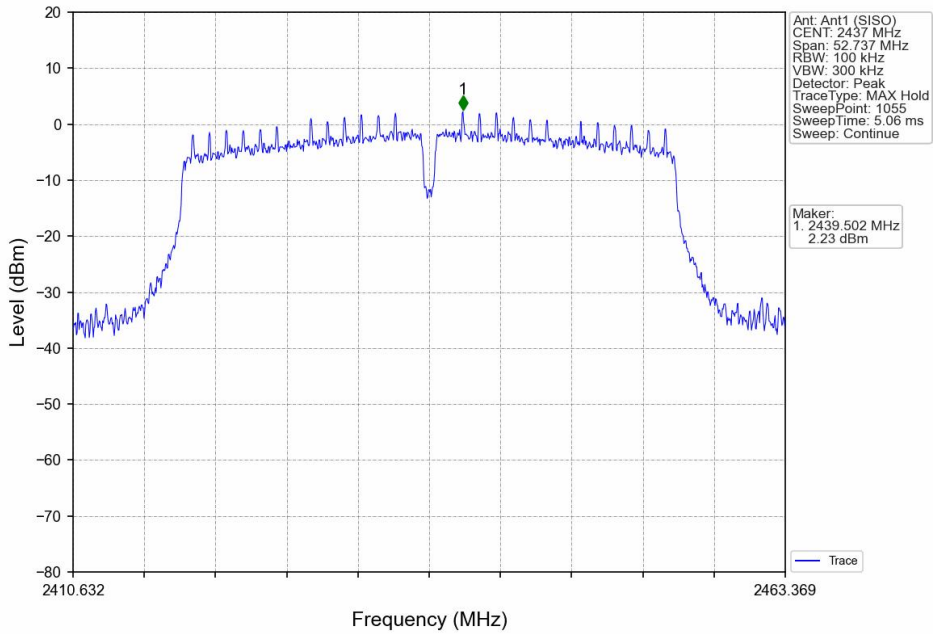
802.11n(HT20)_HCH_2462MHz_Ant1 (SISO)_NTNV



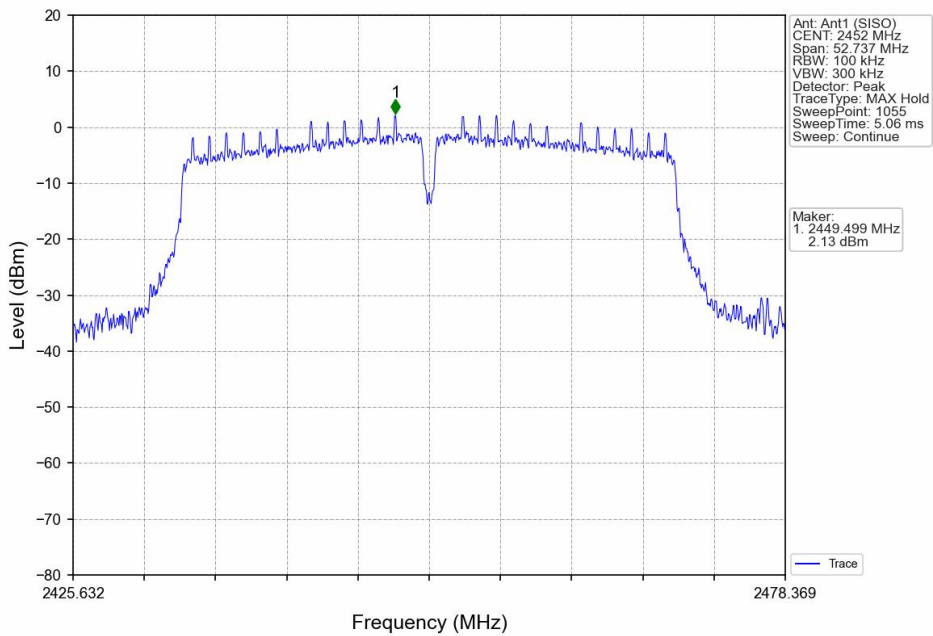
802.11n(HT40)_LCH_2422MHz_Ant1 (SISO)_NTNV



802.11n(HT40)_MCH_2437MHz_Ant1 (SISO)_NTNV



802.11n(HT40)_HCH_2452MHz_Ant1 (SISO)_NTNV



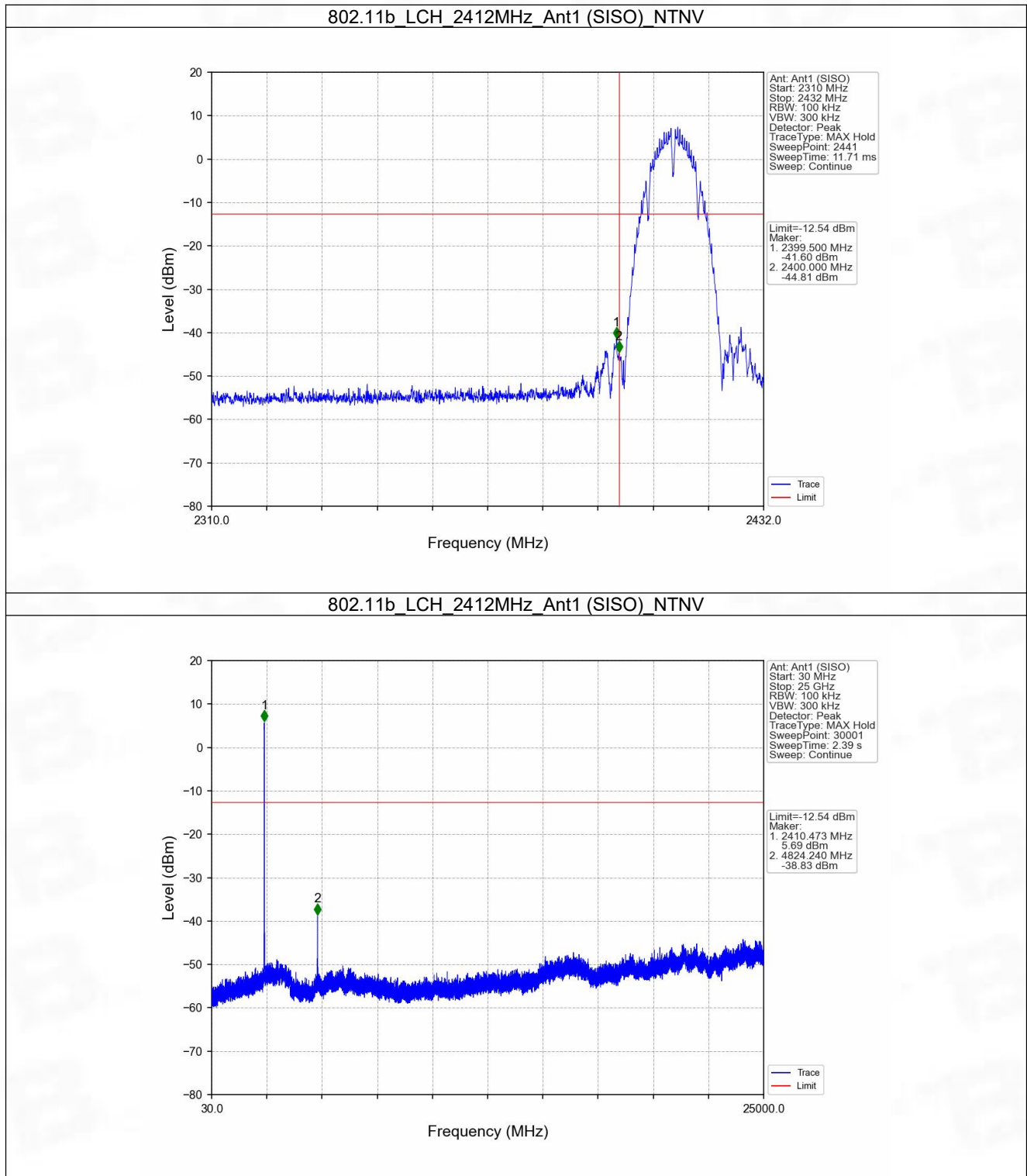
5.2 CSE

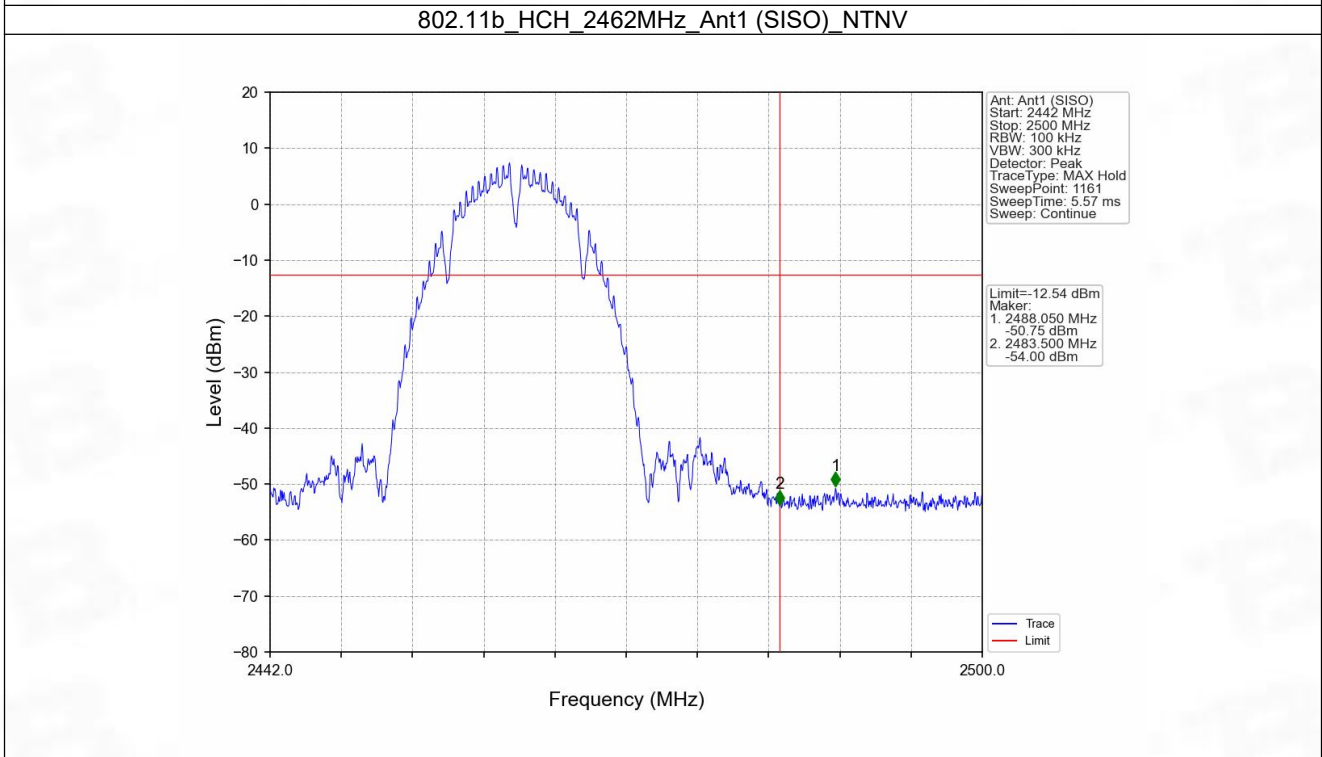
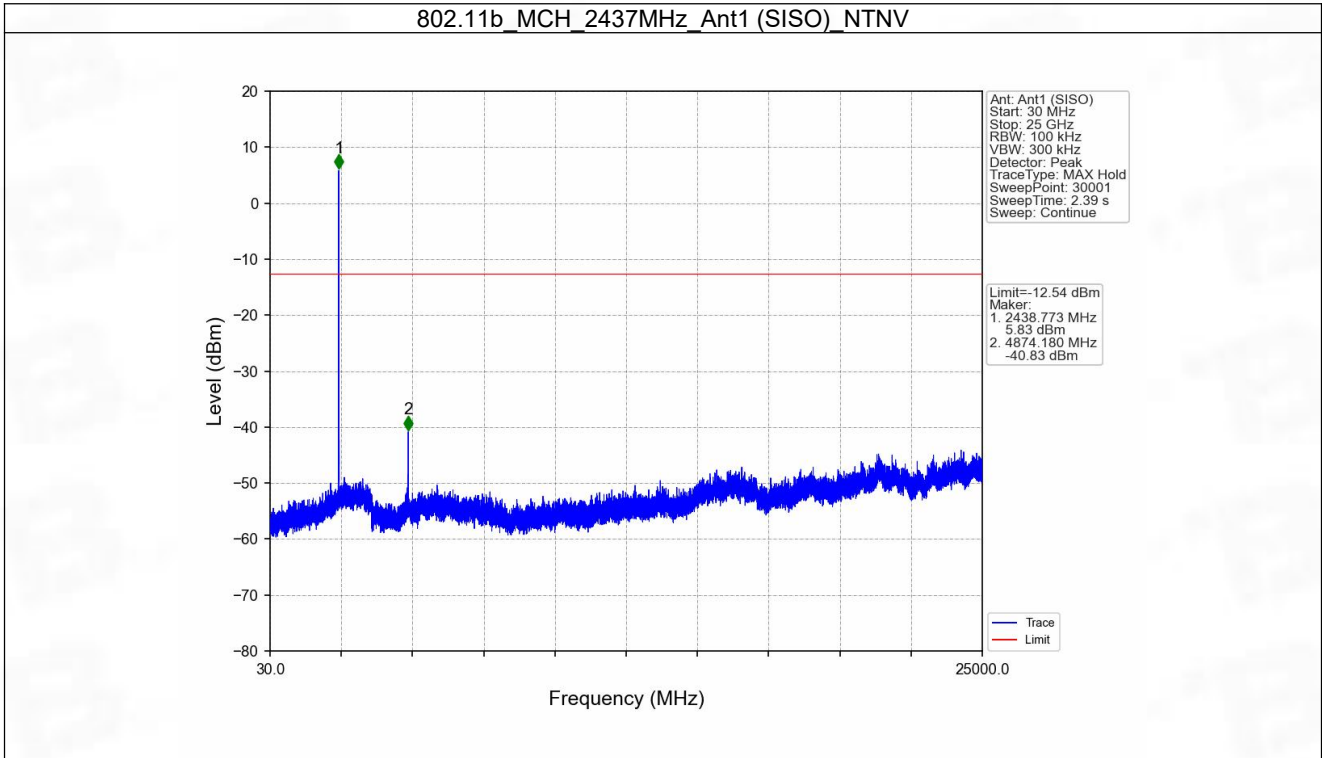
5.2.1 Test Result

Mode	TX Type	Frequency (MHz)	ANT	Level of Reference (dBm)	Limit (dBm)	Verdict
802.11b	SISO	2412	1	7.46	-12.54	Pass
		2437	1	7.46	-12.54	Pass
		2462	1	7.46	-12.54	Pass
802.11g	SISO	2412	1	6.35	-13.65	Pass
		2437	1	6.35	-13.65	Pass
		2462	1	6.35	-13.65	Pass
802.11n (HT20)	SISO	2412	1	6.47	-13.53	Pass
		2437	1	6.47	-13.53	Pass
		2462	1	6.47	-13.53	Pass
802.11n (HT40)	SISO	2422	1	2.23	-17.77	Pass
		2437	1	2.23	-17.77	Pass
		2452	1	2.23	-17.77	Pass

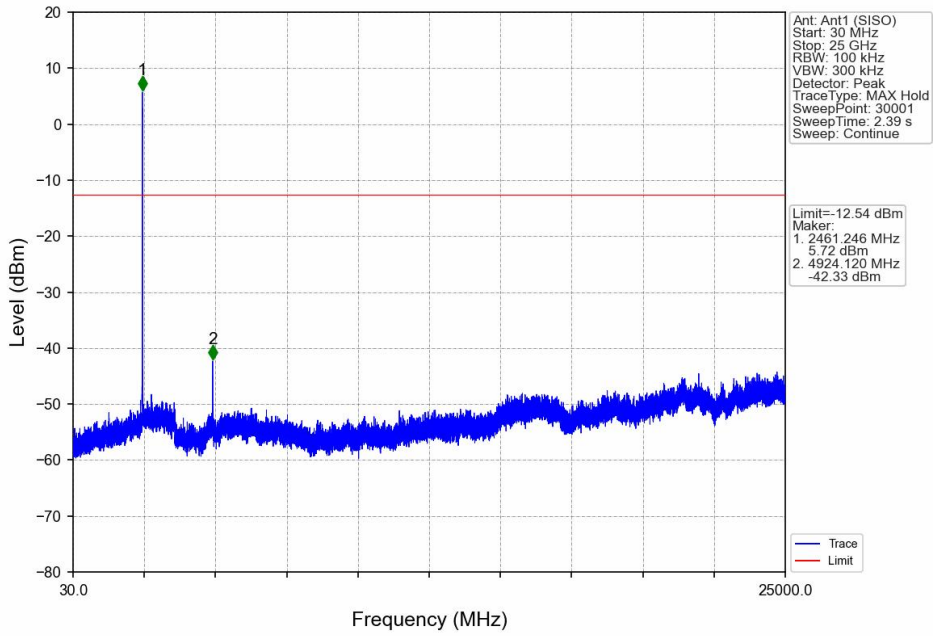
Note1: Refer to FCC Part 15.247 (d) and ANSI C63.10-2013, the channel contains the maximum PSD level was used to establish the reference level.

5.2.2 Test Graph

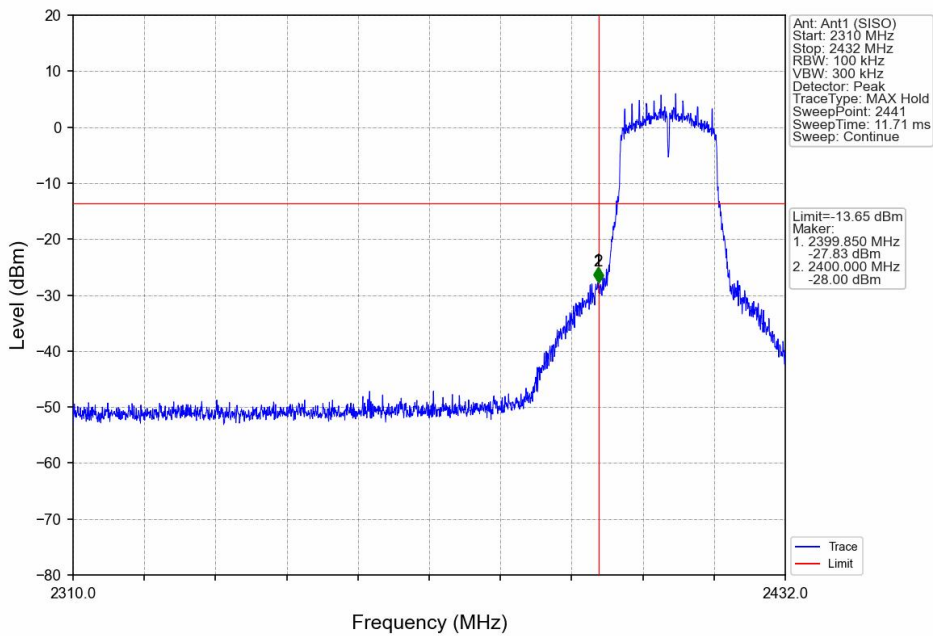




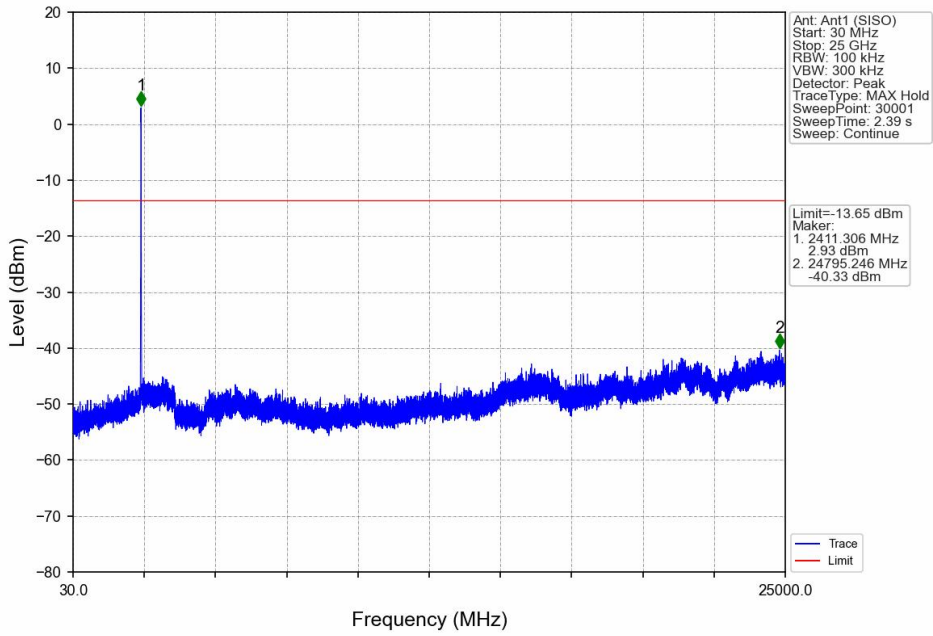
802.11b_HCH_2462MHz_Ant1 (SISO)_NTNV



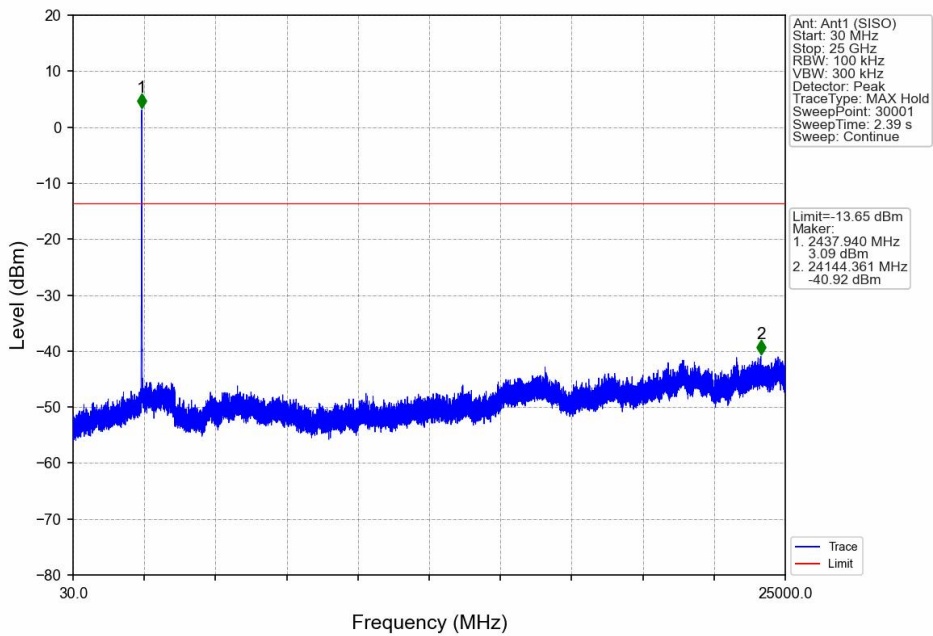
802.11g_LCH_2412MHz_Ant1 (SISO)_NTNV

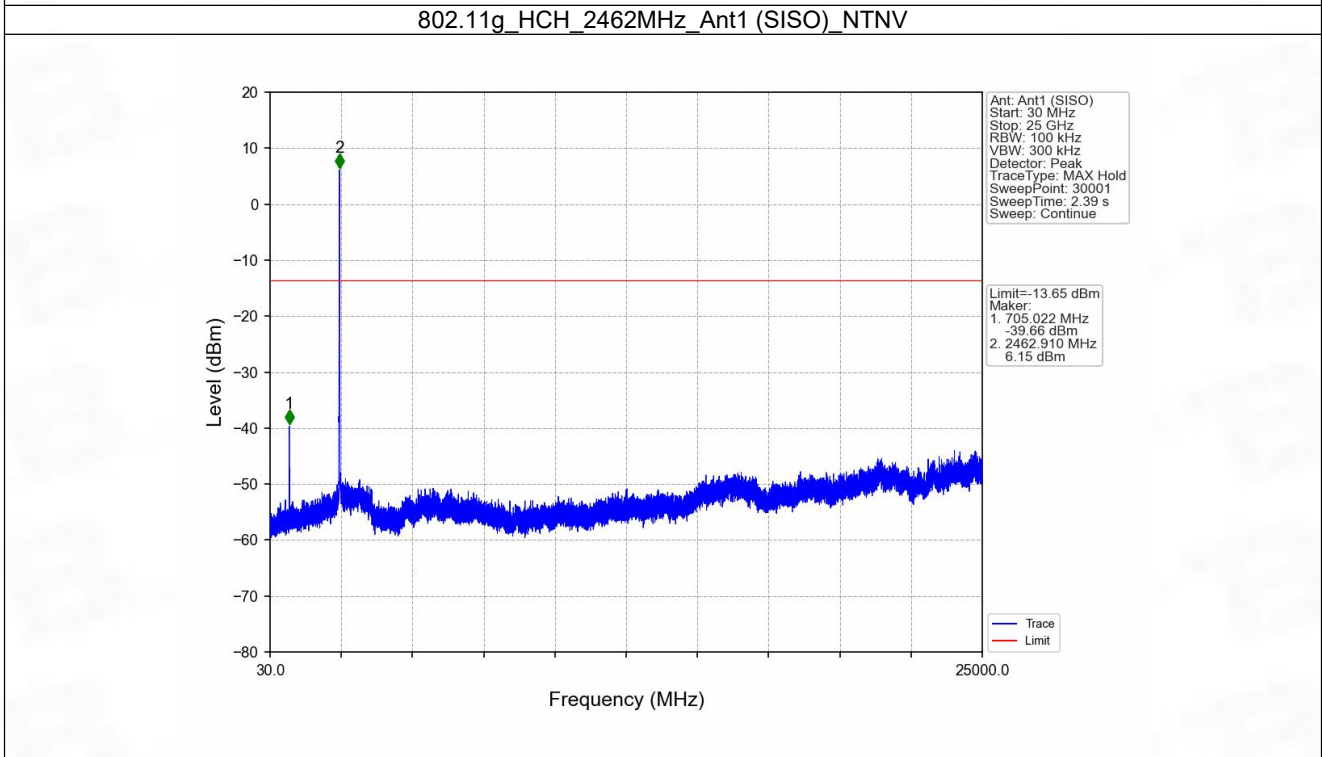
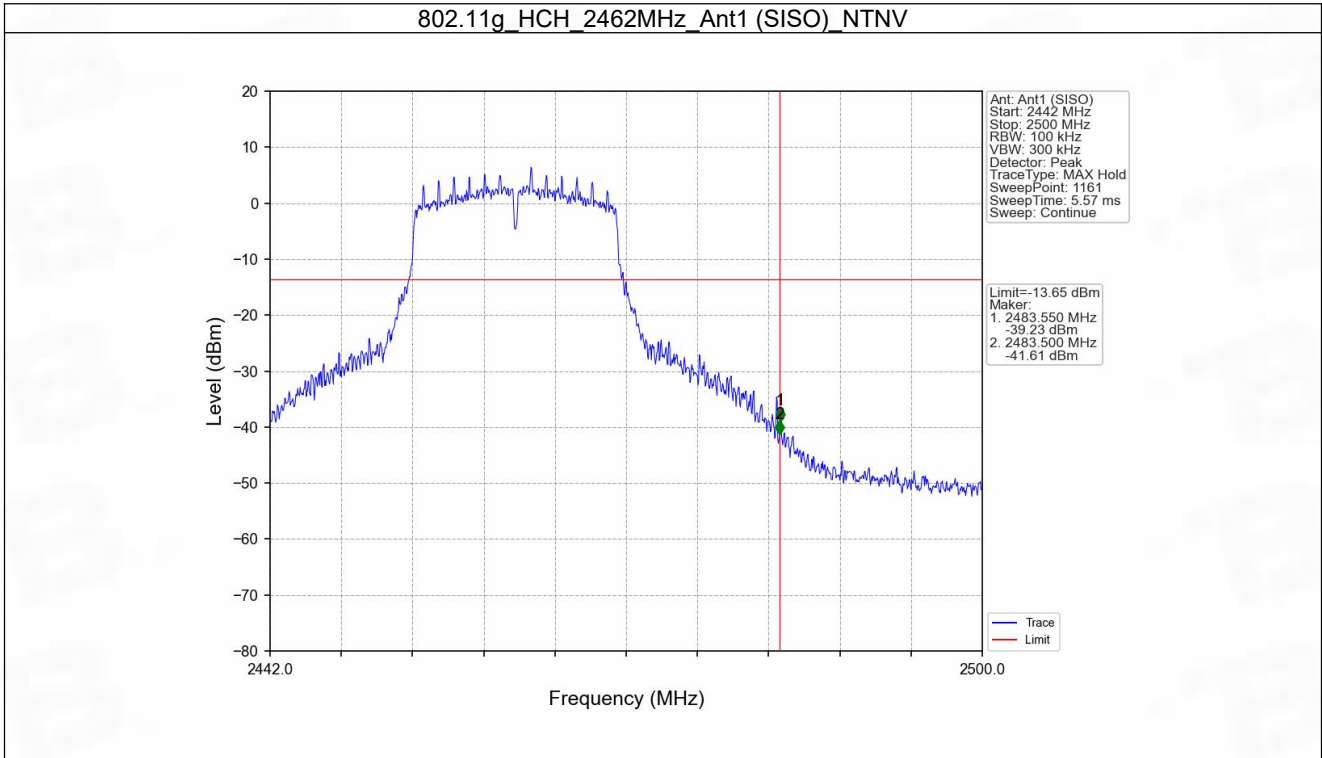


802.11g_LCH_2412MHz_Ant1 (SISO)_NTNV

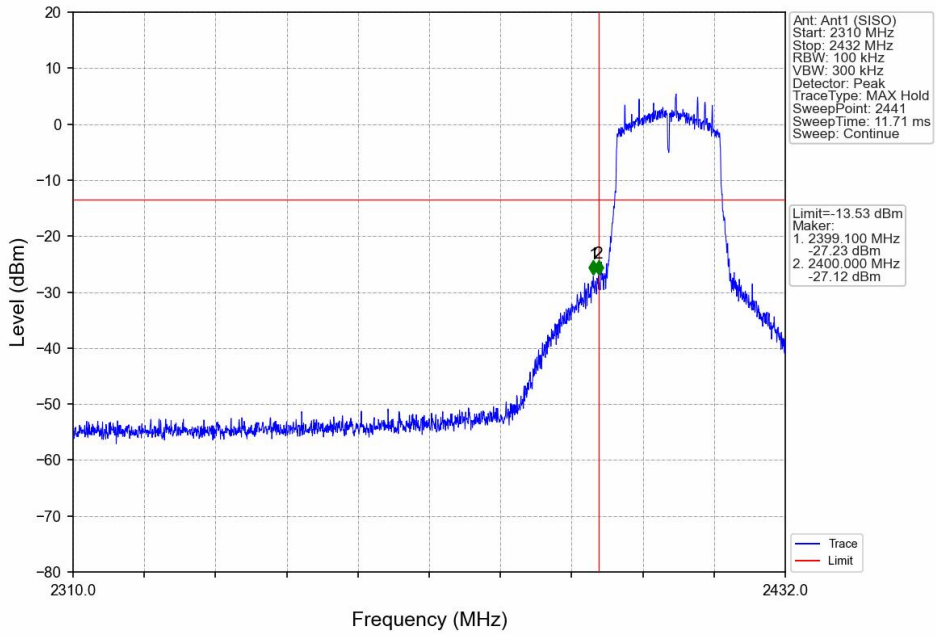


802.11g_MCH_2437MHz_Ant1 (SISO)_NTNV

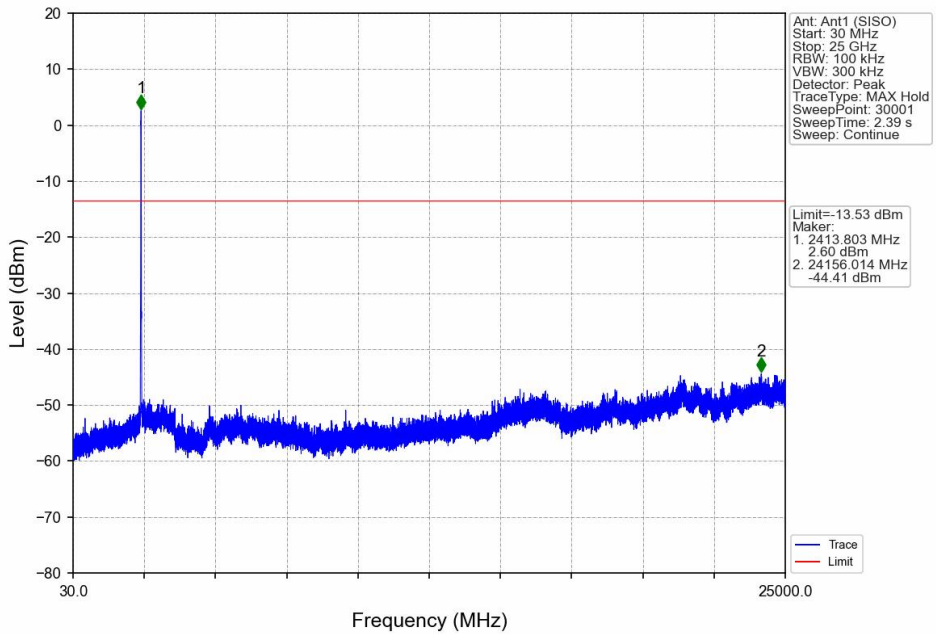




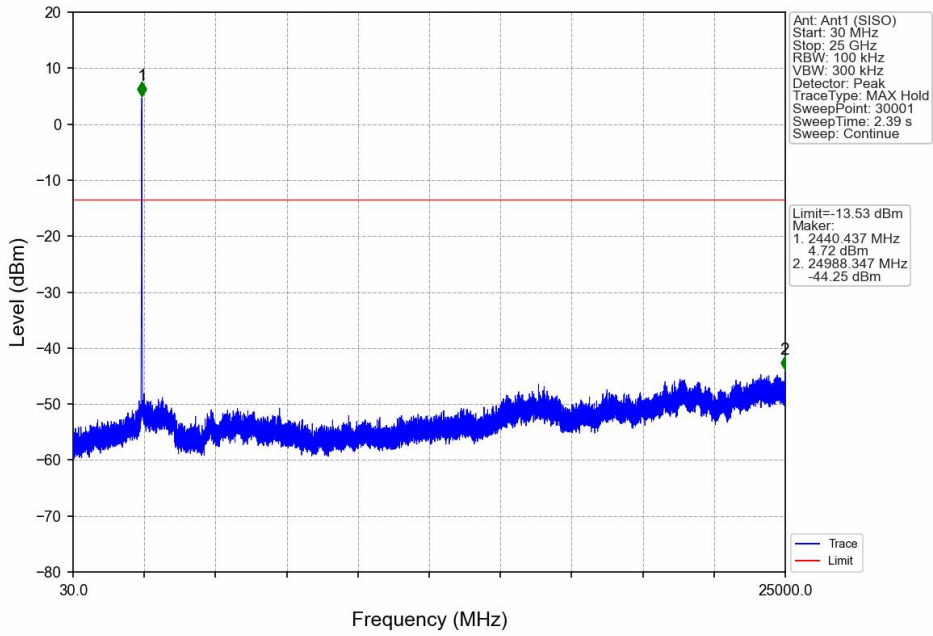
802.11n(HT20)_LCH_2412MHz_Ant1 (SISO)_NTNV



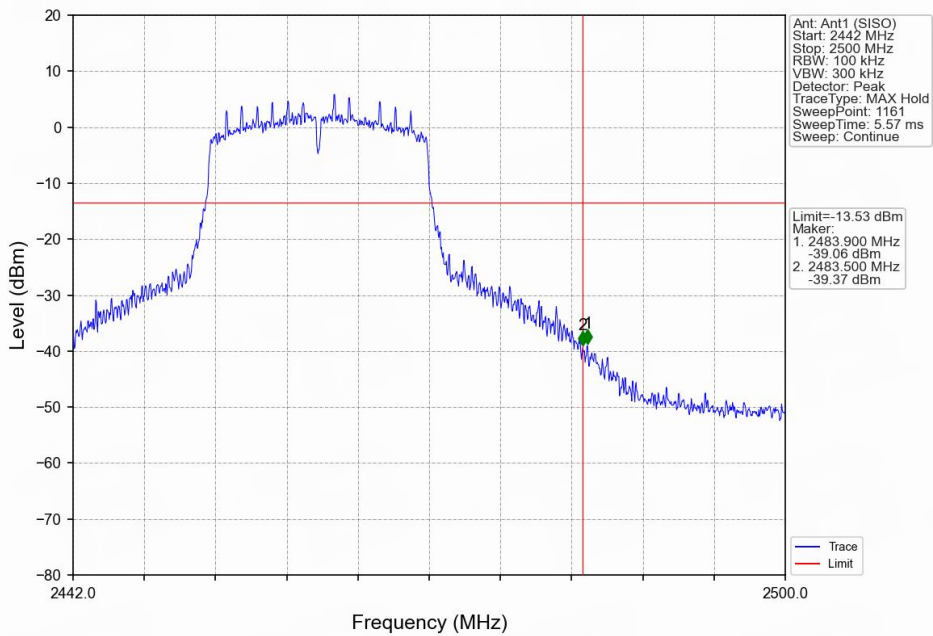
802.11n(HT20)_LCH_2412MHz_Ant1 (SISO)_NTNV



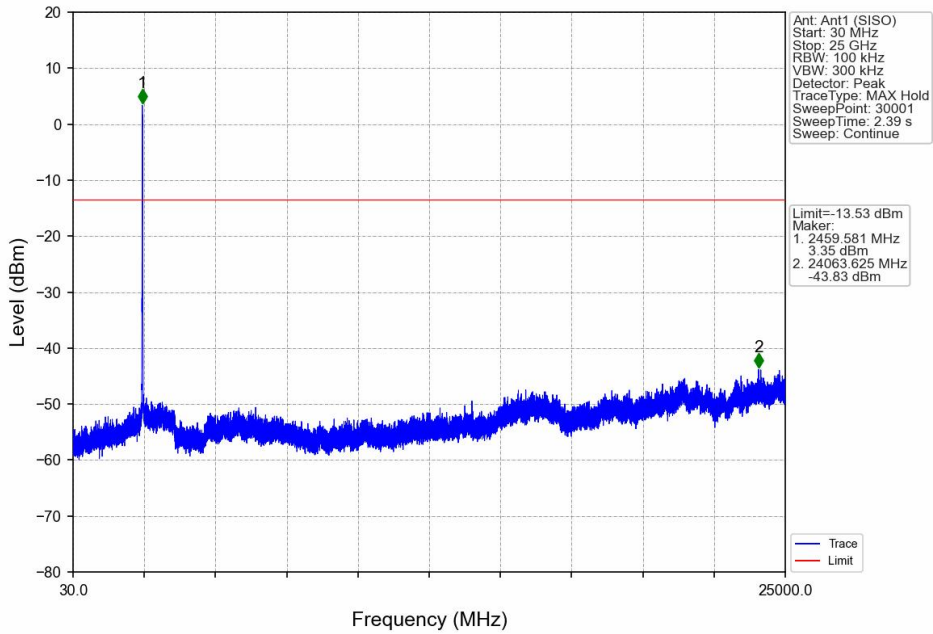
802.11n(HT20)_MCH_2437MHz_Ant1 (SISO)_NTNV



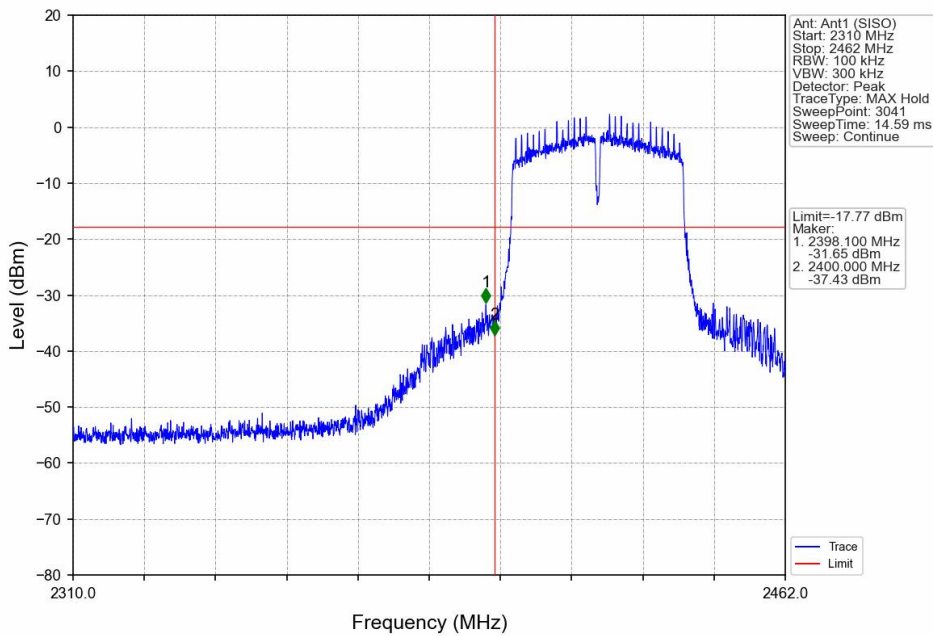
802.11n(HT20)_HCH_2462MHz_Ant1 (SISO)_NTNV



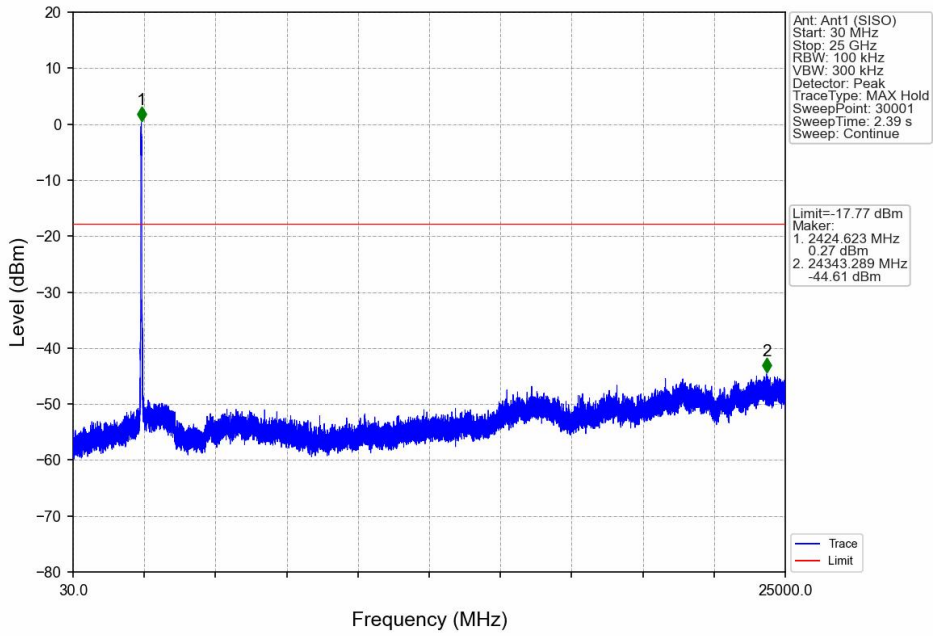
802.11n(HT20)_HCH_2462MHz_Ant1 (SISO)_NTNV



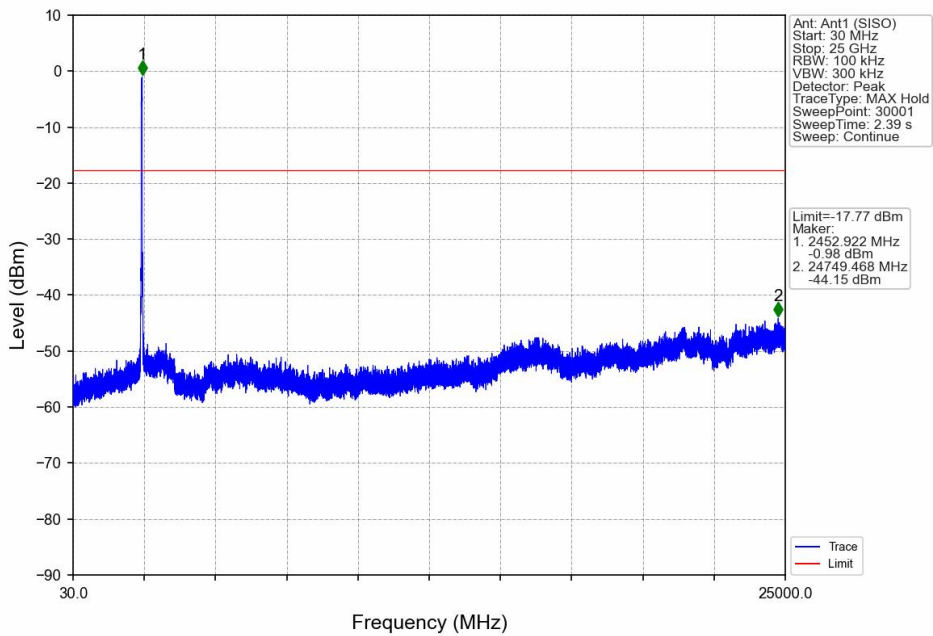
802.11n(HT40)_LCH_2422MHz_Ant1 (SISO)_NTNV



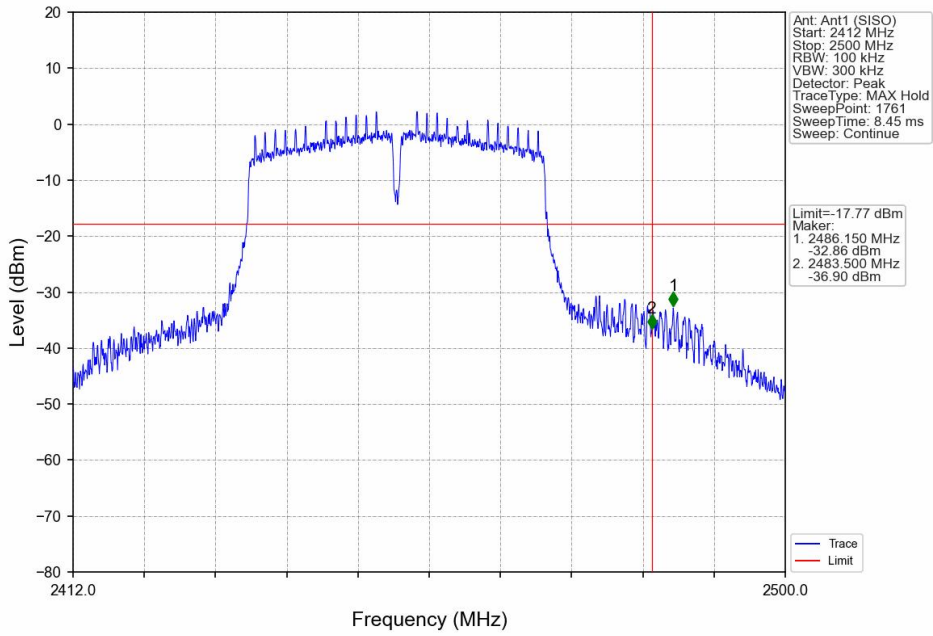
802.11n(HT40)_LCH_2422MHz_Ant1 (SISO)_NTNV



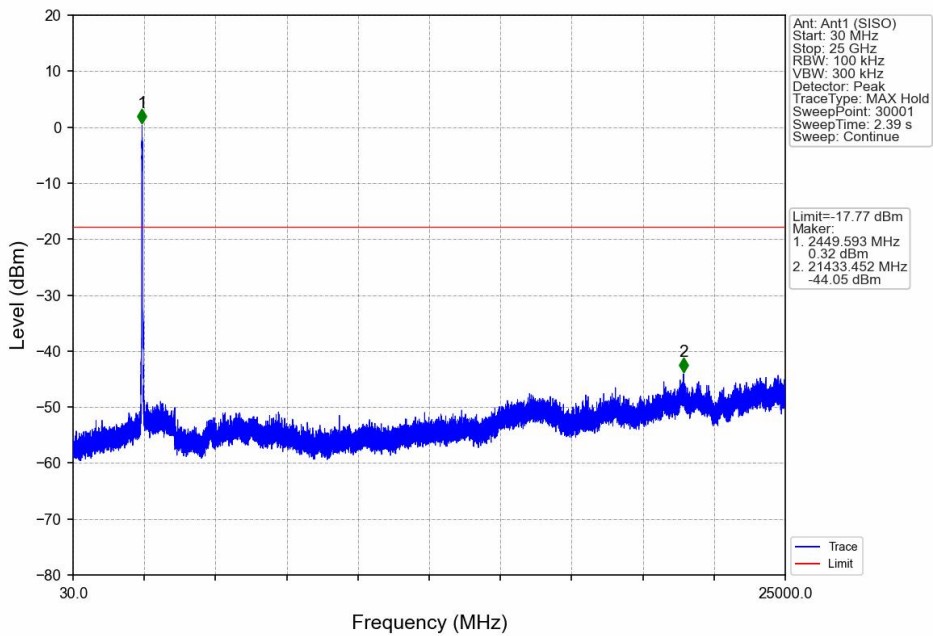
802.11n(HT40)_MCH_2437MHz_Ant1 (SISO)_NTNV



802.11n(HT40)_HCH_2452MHz_Ant1 (SISO)_NTNV



802.11n(HT40)_HCH_2452MHz_Ant1 (SISO)_NTNV



6. Form731

6.1 Form731

6.1.1 Test Result

Lower Freq (MHz)	High Freq (MHz)	MAX Power (W)	MAX Power (dBm)
2412	2462	0.0557	17.46
2422	2452	0.0614	17.88



Test Report Number: BTF230710R00203



BTF Testing Lab (Shenzhen) Co., Ltd.

F101, 201 and 301, Building 1, Block 2, Tantou Industrial Park, Tantou Community, Songgang Street,
Bao'an District, Shenzhen, China

www.btf-lab.com

-- END OF REPORT --