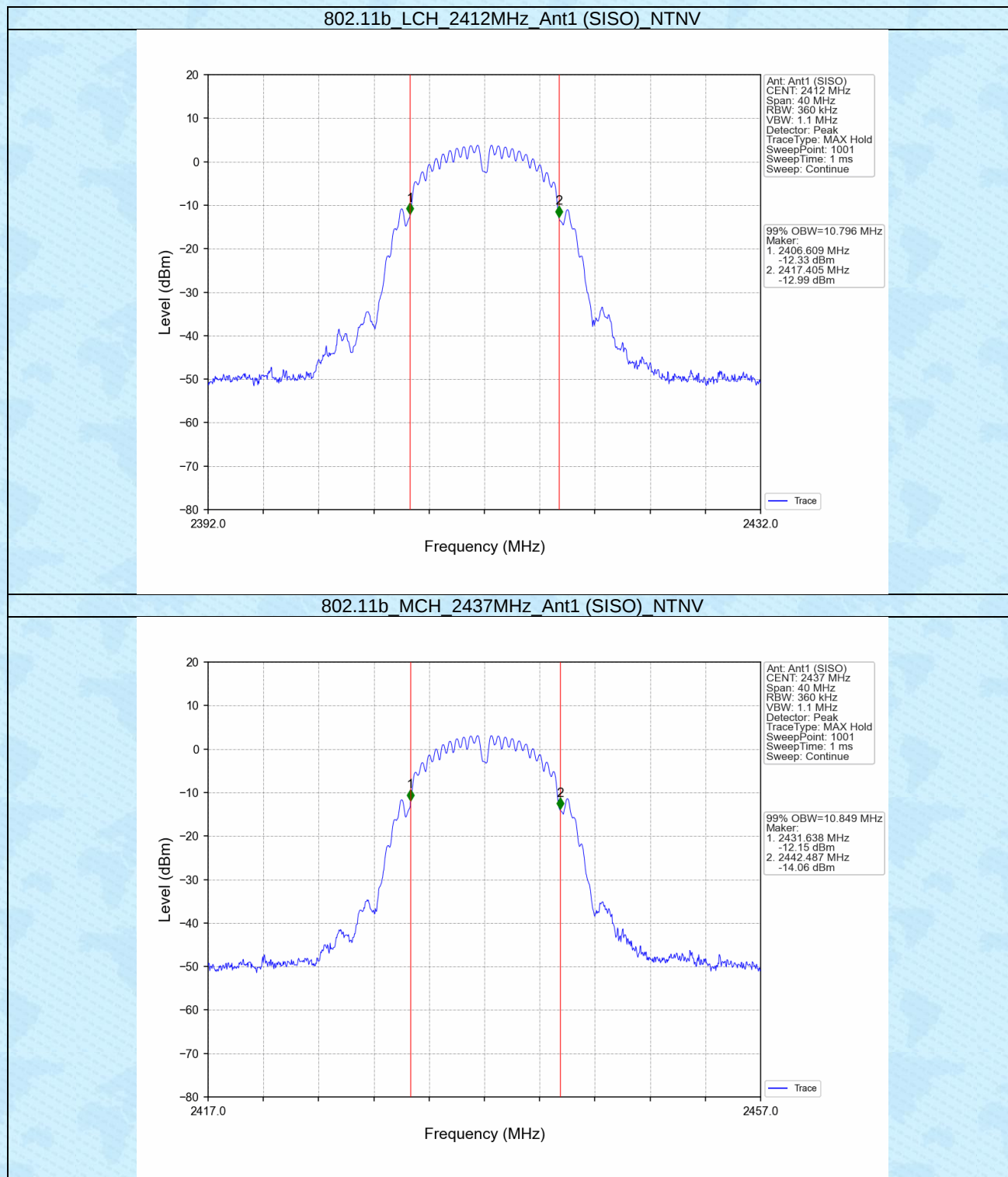


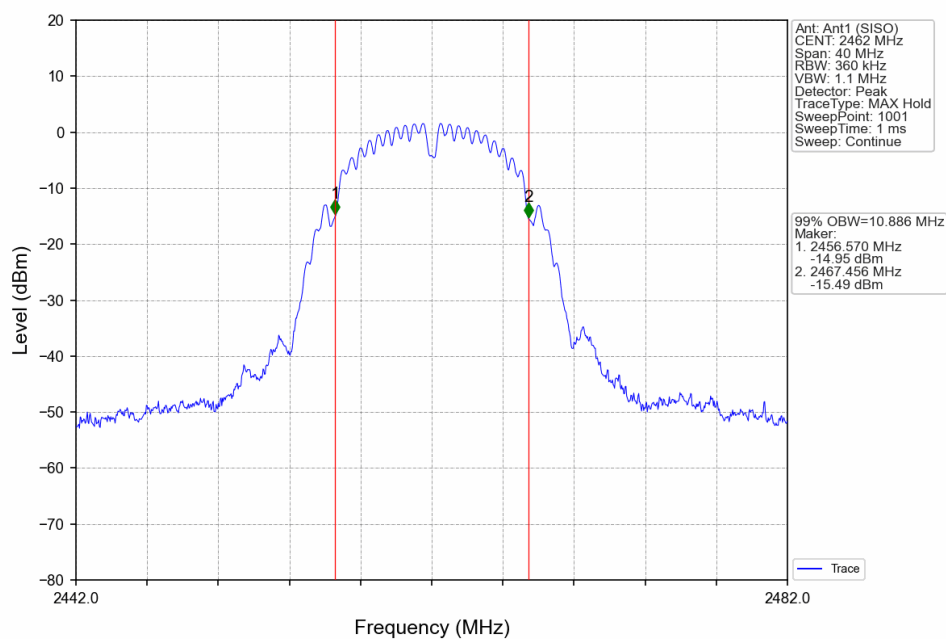
Appendix for 15.247**1. Bandwidth****1.1 OBW****1.1.1 Test Result**

Mode	TX Type	Frequency (MHz)	ANT	99% Occupied Bandwidth (MHz)	Verdict
				Result	
802.11b	SISO	2412	1	10.796	Pass
		2437	1	10.849	Pass
		2462	1	10.886	Pass
802.11g	SISO	2412	1	17.468	Pass
		2437	1	17.439	Pass
		2462	1	17.423	Pass
802.11n (HT20)	SISO	2412	1	18.281	Pass
		2437	1	18.223	Pass
		2462	1	18.167	Pass

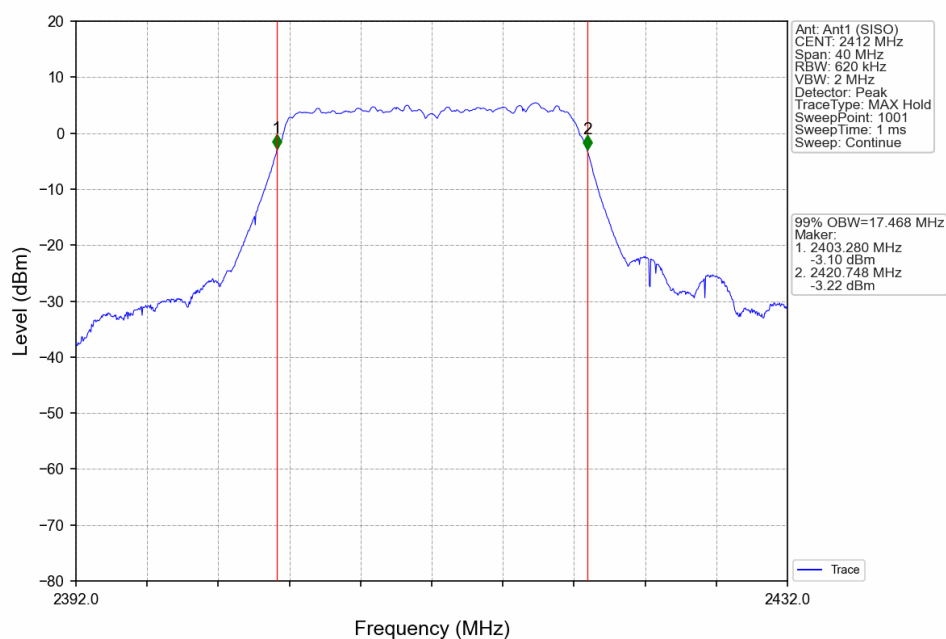
1.1.2 Test Graph



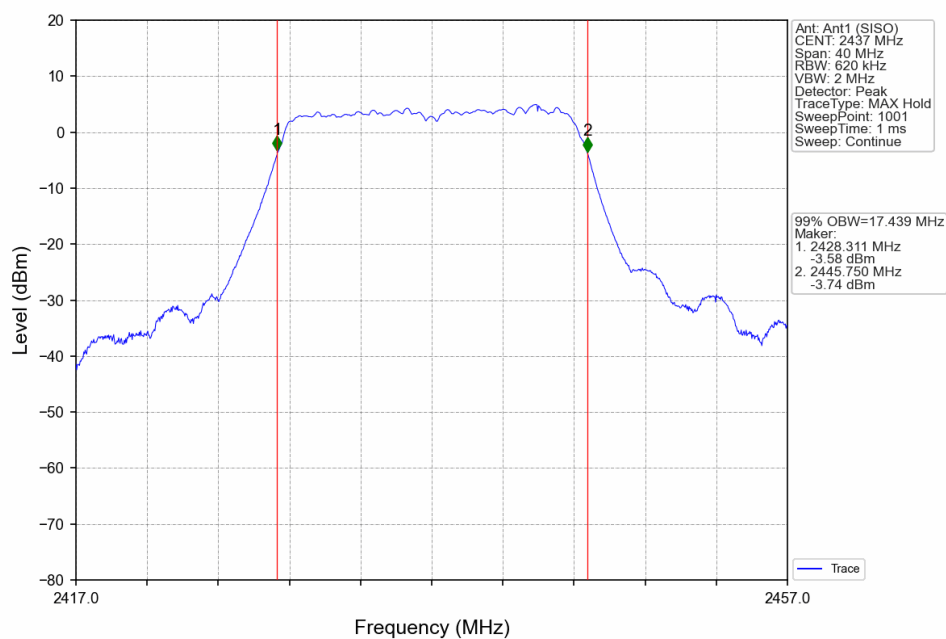
802.11b_HCH_2462MHz_Ant1 (SISO)_NTNV



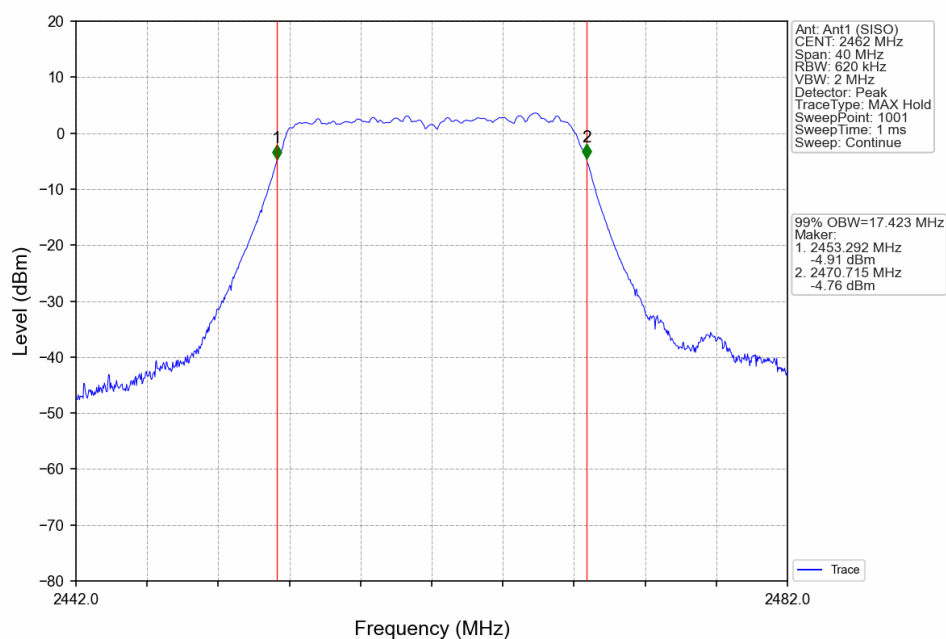
802.11g_LCH_2412MHz_Ant1 (SISO)_NTNV



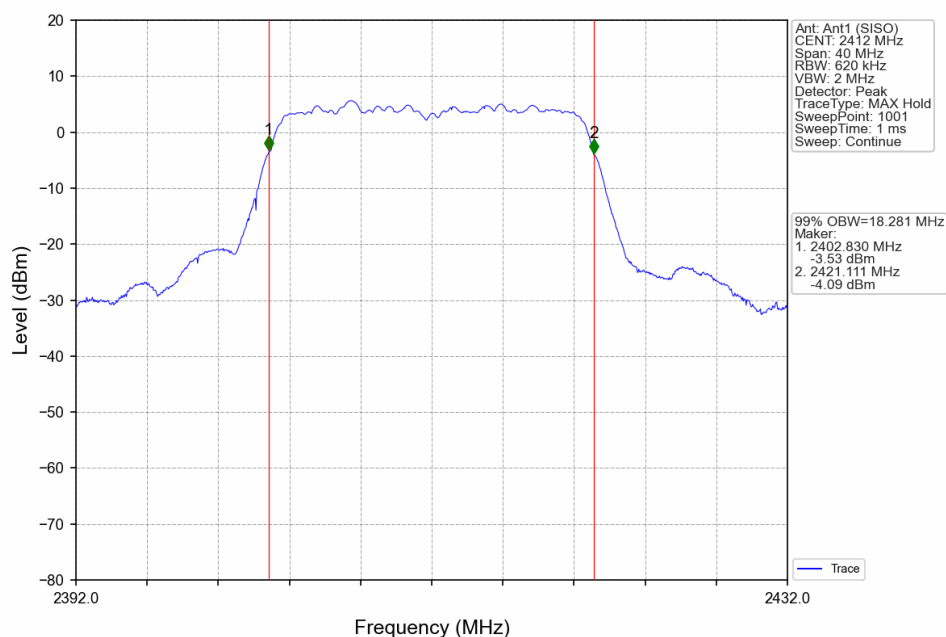
802.11g_MCH_2437MHz_Ant1 (SISO)_NTNV



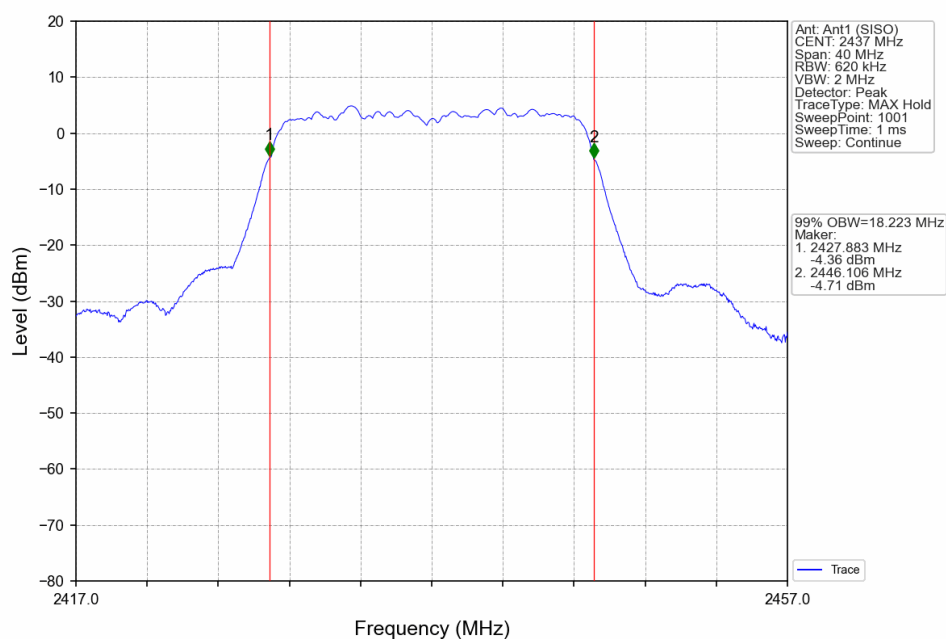
802.11g_HCH_2462MHz_Ant1 (SISO)_NTNV

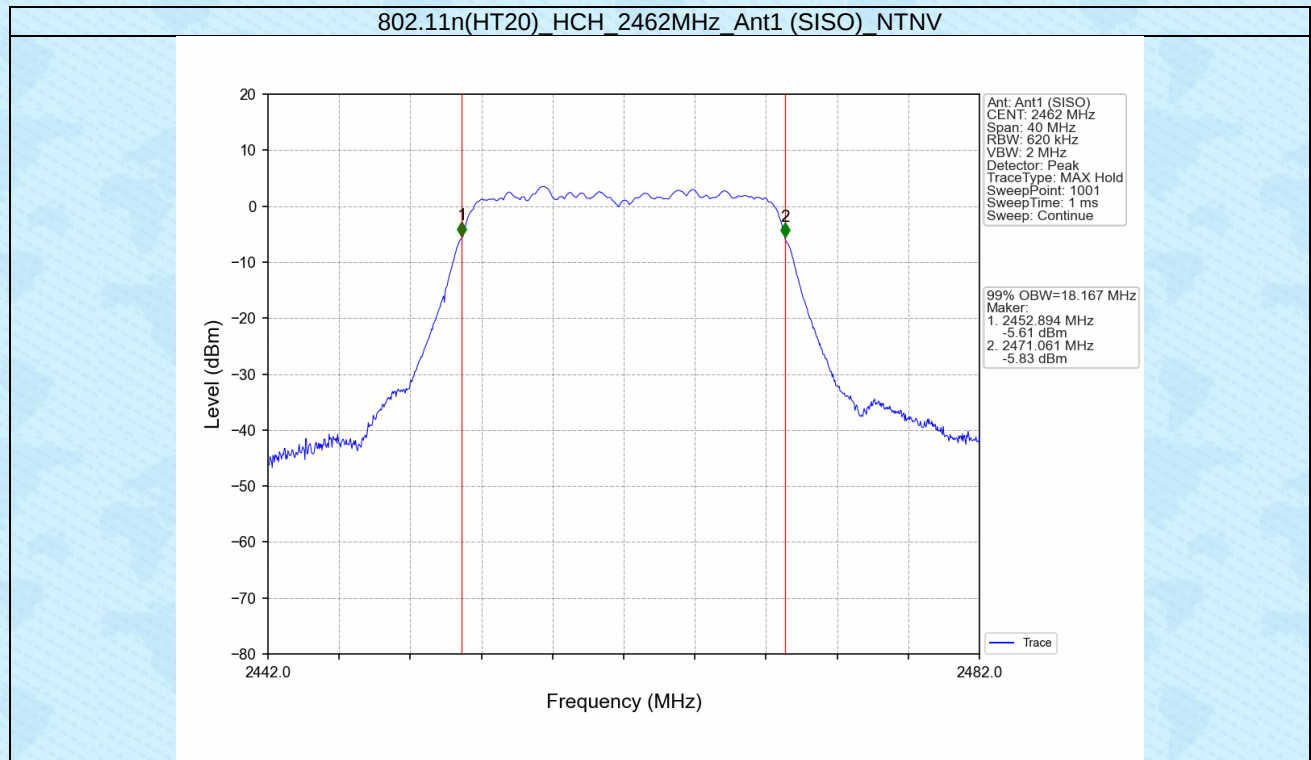


802.11n(HT20)_LCH_2412MHz_Ant1 (SISO)_NTNV



802.11n(HT20)_MCH_2437MHz_Ant1 (SISO)_NTNV



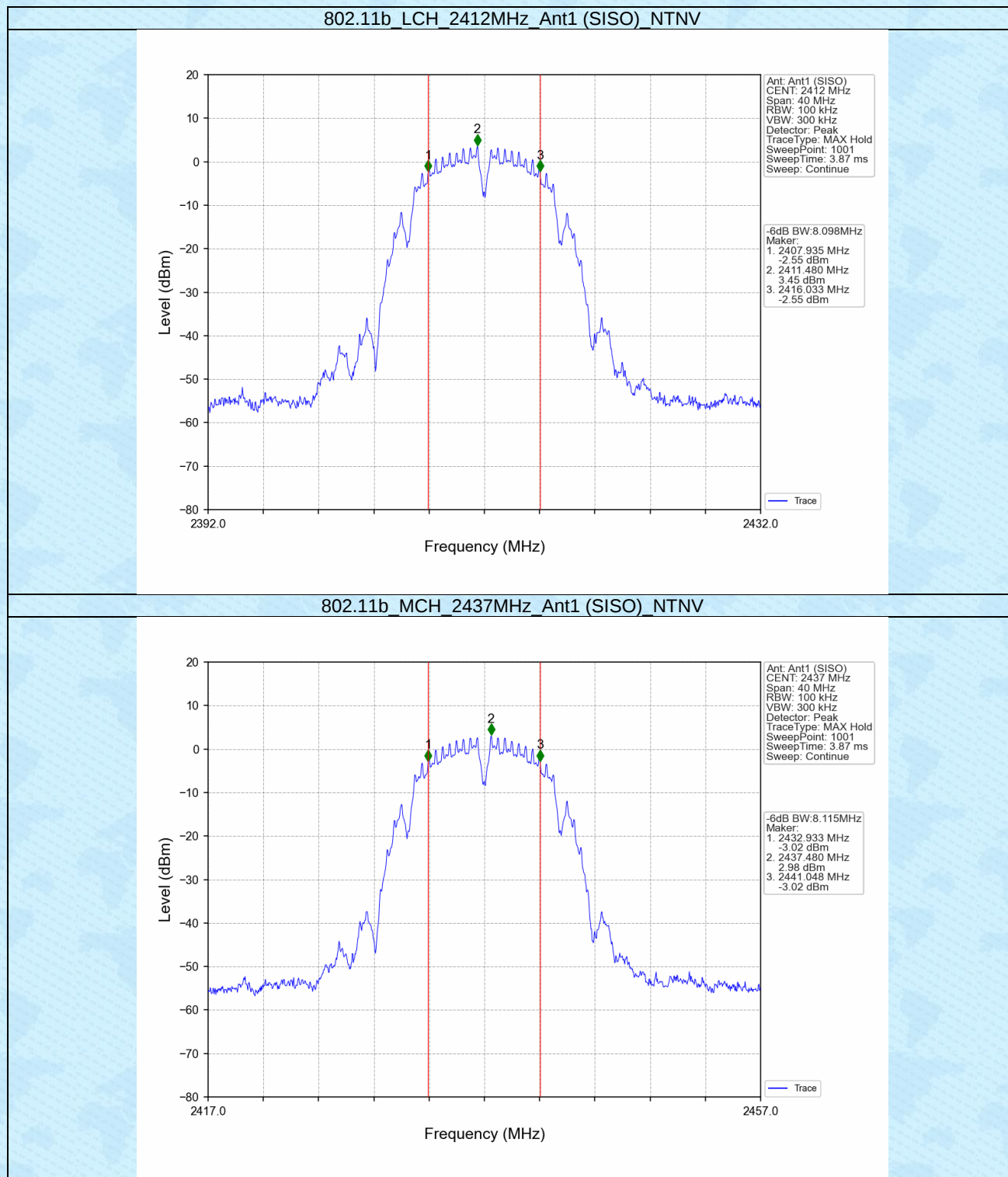


1.2 6dB BW

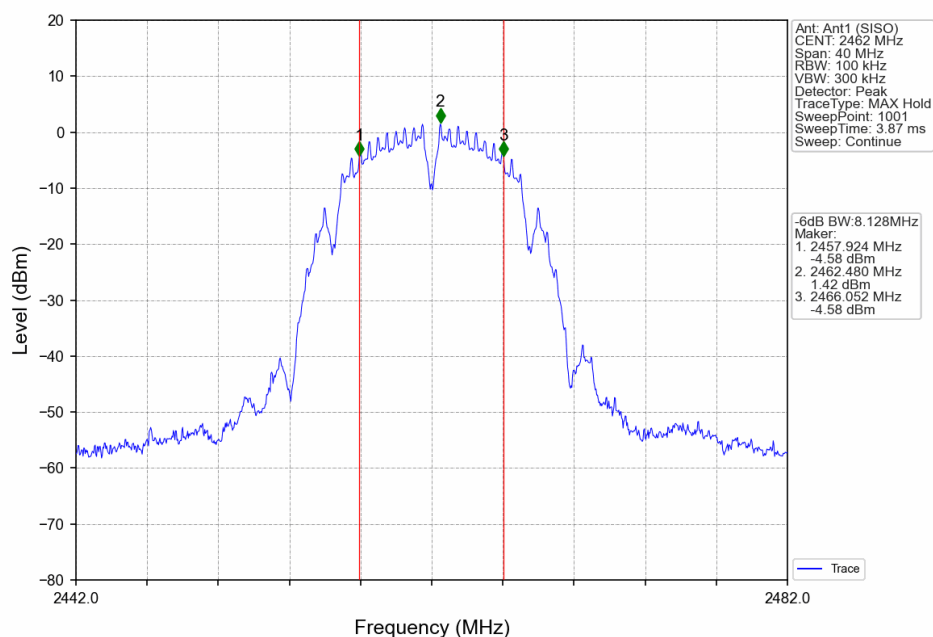
1.2.1 Test Result

Mode	TX Type	Frequency (MHz)	ANT	6dB Bandwidth (MHz)		Verdict
				Result	Limit	
802.11b	SISO	2412	1	8.098	≥ 0.5	Pass
		2437	1	8.115	≥ 0.5	Pass
		2462	1	8.128	≥ 0.5	Pass
802.11g	SISO	2412	1	16.363	≥ 0.5	Pass
		2437	1	16.366	≥ 0.5	Pass
		2462	1	16.369	≥ 0.5	Pass
802.11n (HT20)	SISO	2412	1	17.060	≥ 0.5	Pass
		2437	1	17.052	≥ 0.5	Pass
		2462	1	17.108	≥ 0.5	Pass

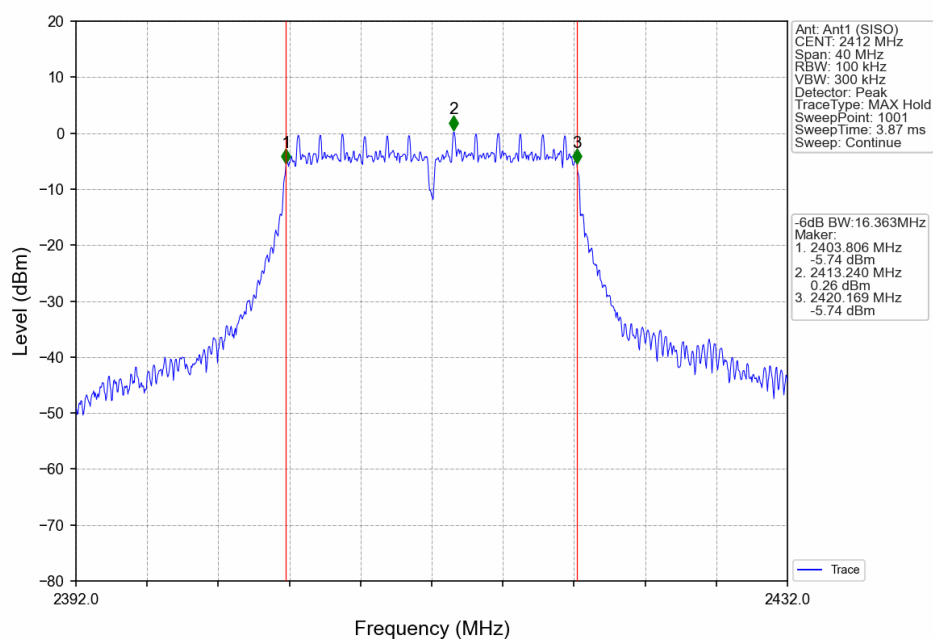
1.2.2 Test Graph



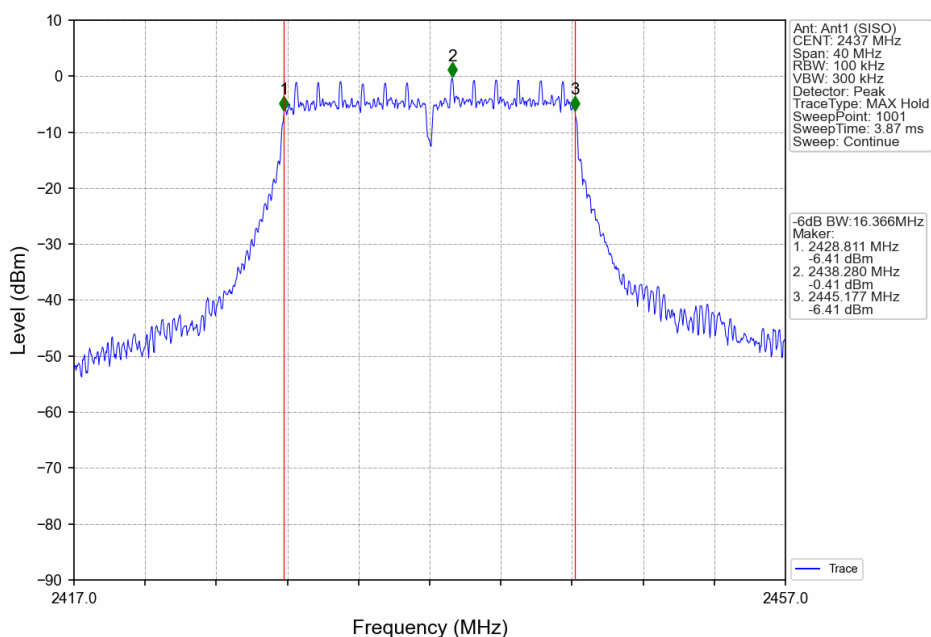
802.11b_HCH_2462MHz_Ant1 (SISO)_NTNV



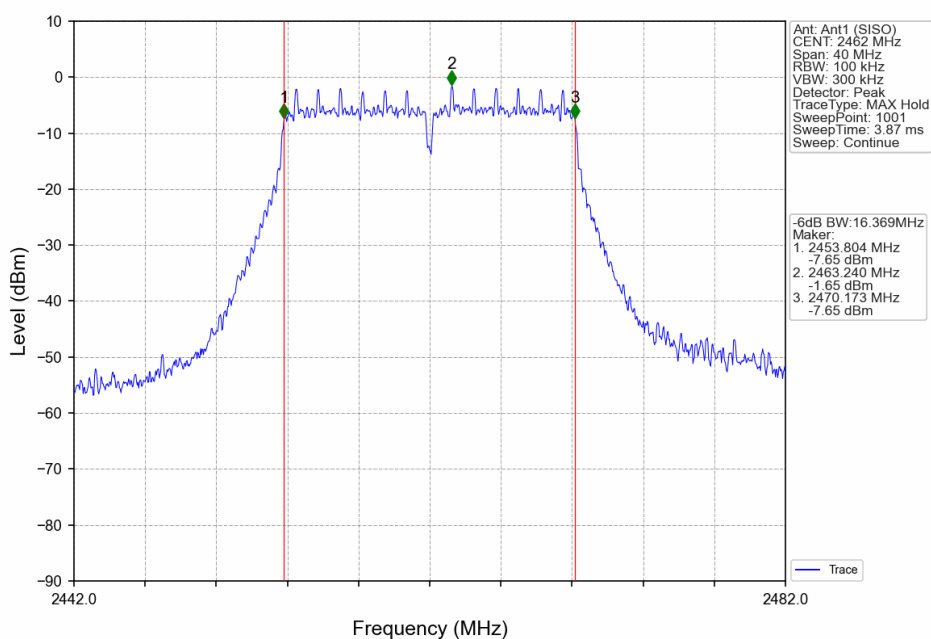
802.11g_LCH_2412MHz_Ant1 (SISO)_NTNV



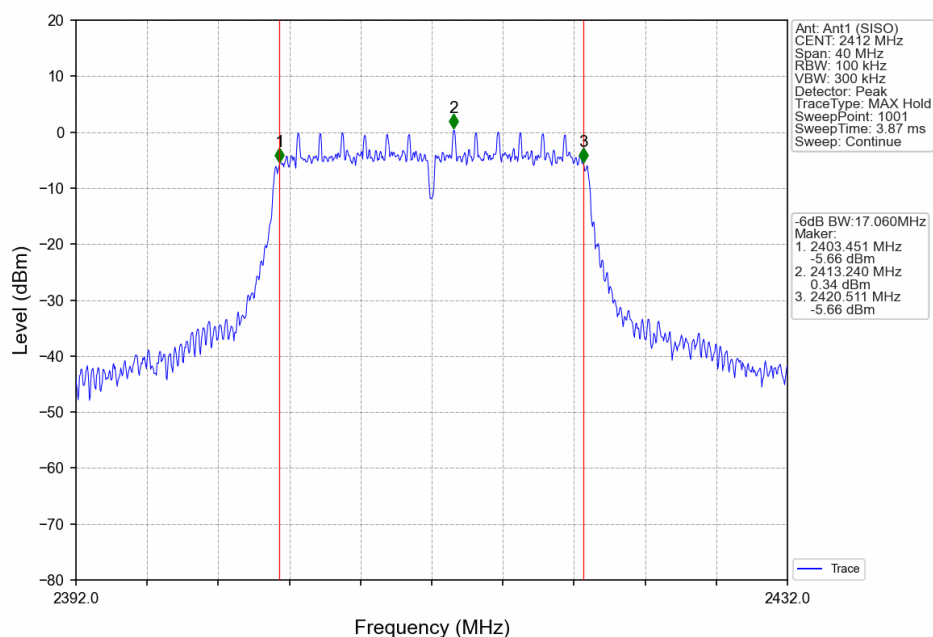
802.11g_MCH_2437MHz_Ant1 (SISO)_NTNV



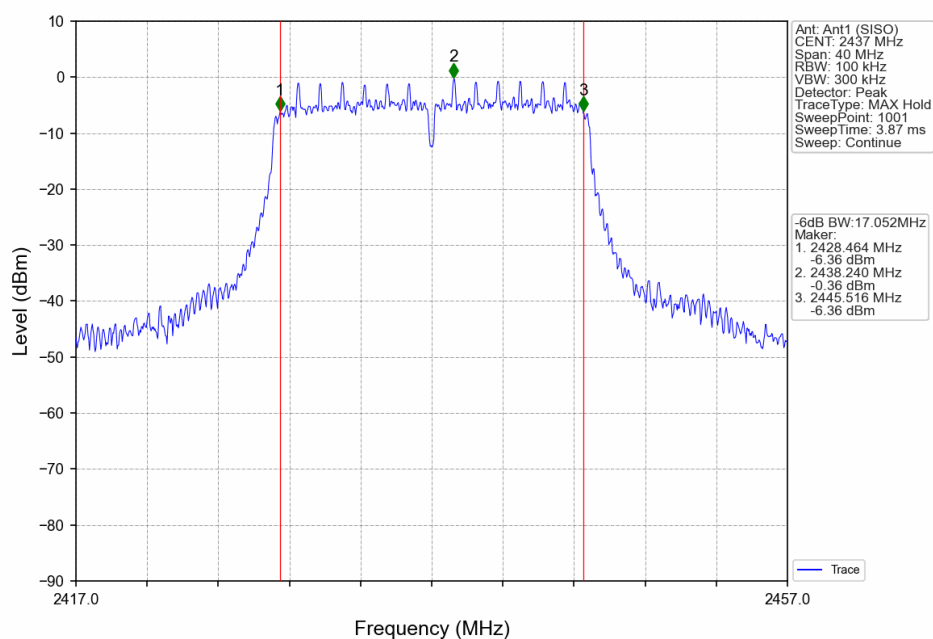
802.11g_HCH_2462MHz_Ant1 (SISO)_NTNV

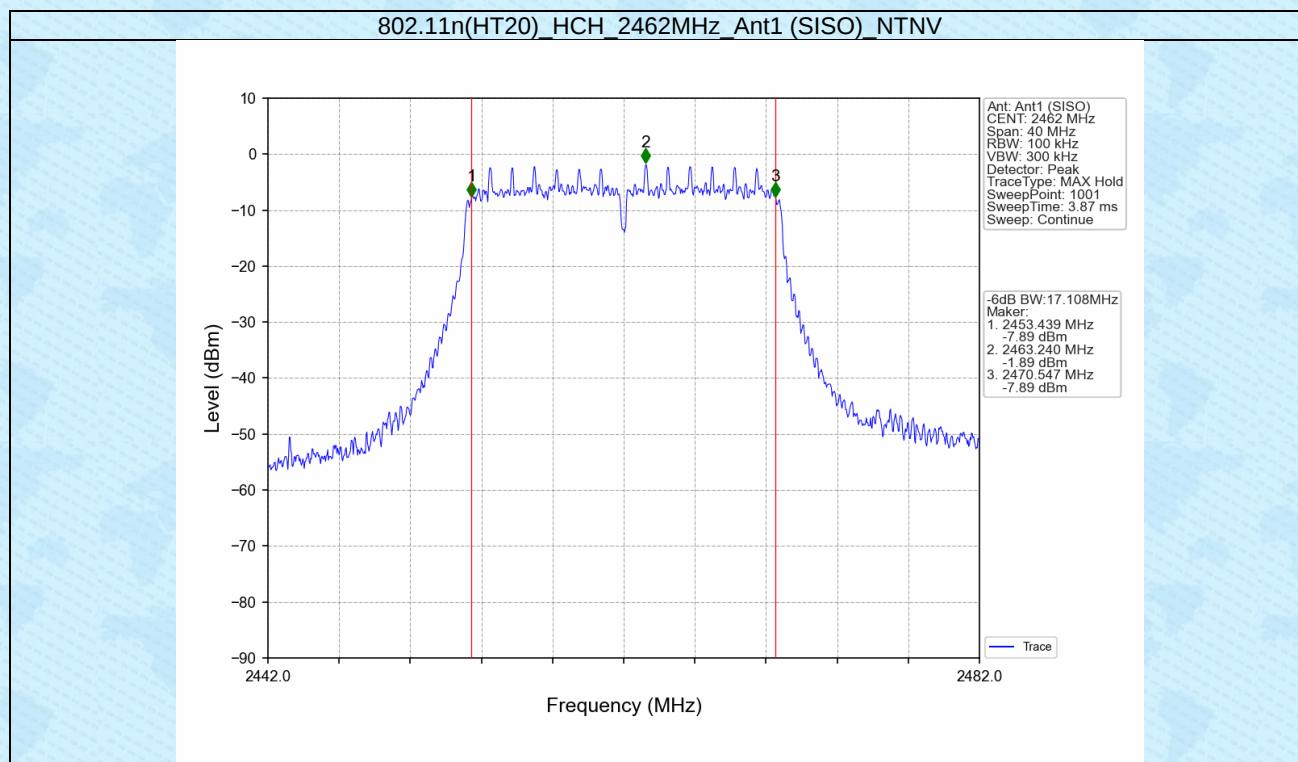


802.11n(HT20)_LCH_2412MHz_Ant1 (SISO)_NTNV



802.11n(HT20)_MCH_2437MHz_Ant1 (SISO)_NTNV





2. Maximum Conducted Output Power

2.1 Test Result

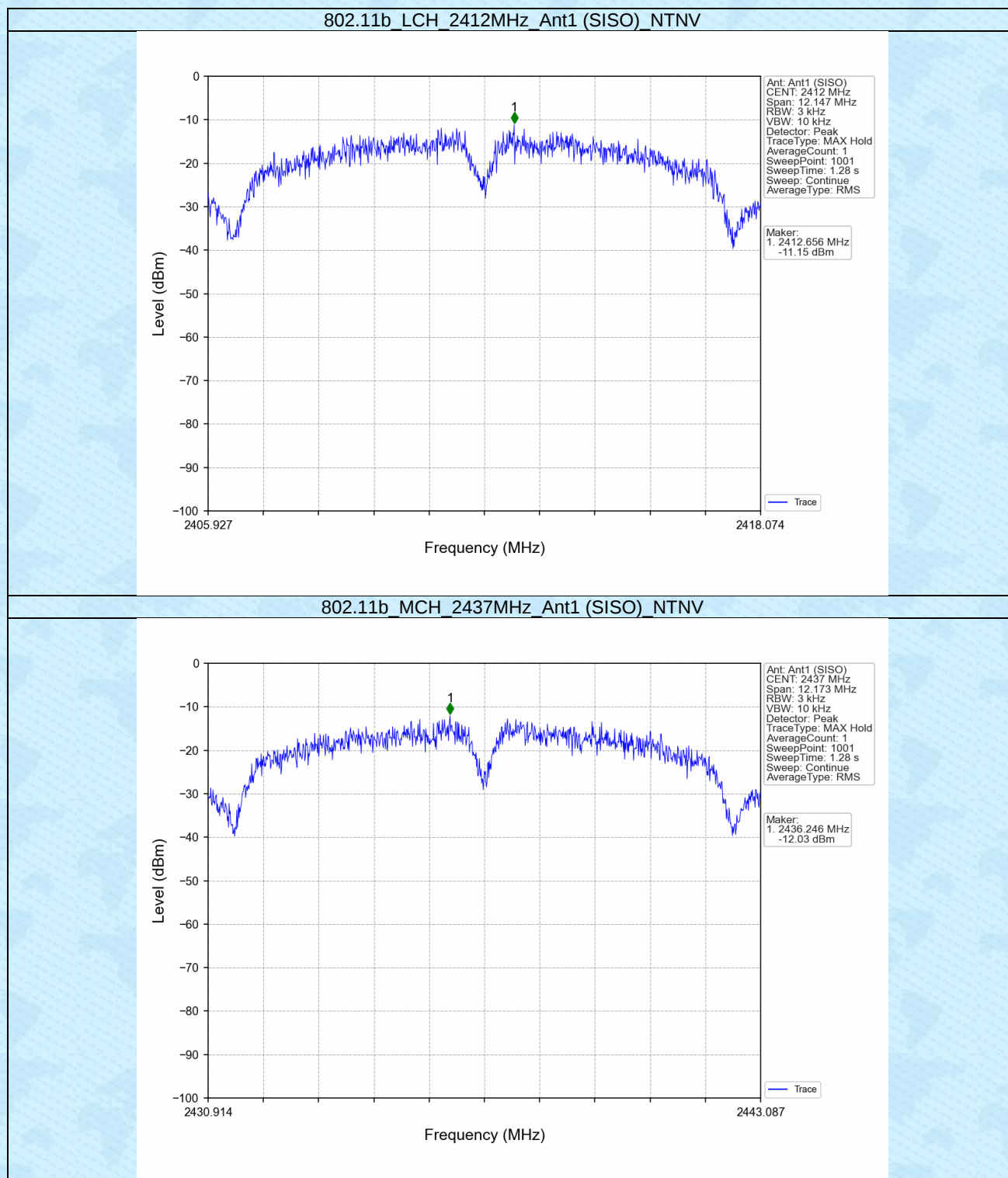
Mode	TX Type	Frequency (MHz)	Maximum Peak Conducted Output Power (dBm)		Verdict
			ANT1	Limit	
802.11b	SISO	2412	14.15	≤ 30	Pass
		2437	13.53	≤ 30	Pass
		2462	13.02	≤ 30	Pass
802.11g	SISO	2412	18.97	≤ 30	Pass
		2437	18.33	≤ 30	Pass
		2462	17.07	≤ 30	Pass
802.11n (HT20)	SISO	2412	18.98	≤ 30	Pass
		2437	18.36	≤ 30	Pass
		2462	16.92	≤ 30	Pass

3. Maximum Power Spectral Density

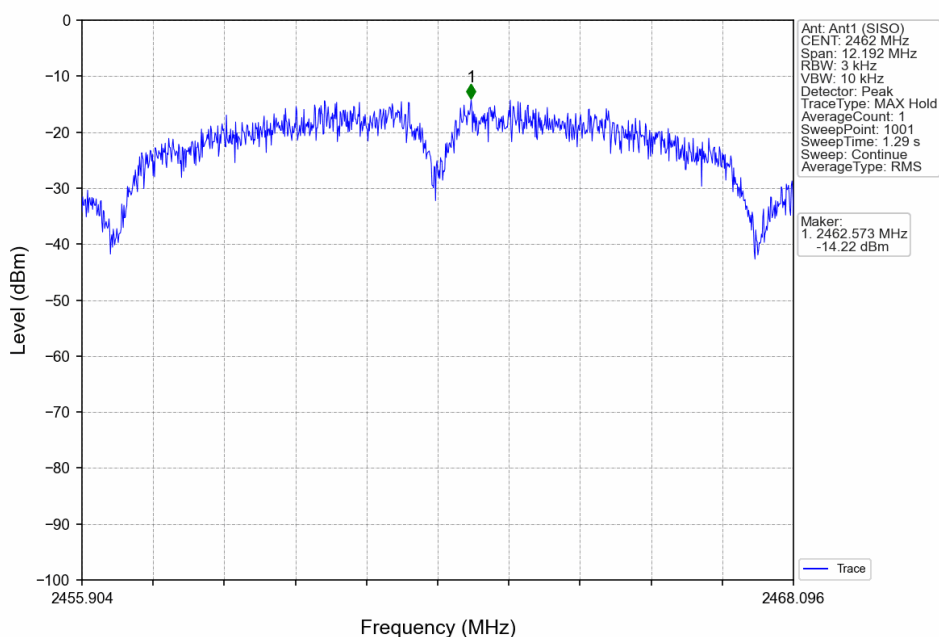
3.1 Test Result

Mode	TX Type	Frequency (MHz)	Maximum PSD (dBm/3kHz)		Verdict
			ANT1	Limit	
802.11b	SISO	2412	-11.15	<=8	Pass
		2437	-12.03	<=8	Pass
		2462	-14.22	<=8	Pass
802.11g	SISO	2412	-13.13	<=8	Pass
		2437	-15.12	<=8	Pass
		2462	-15.01	<=8	Pass
802.11n (HT20)	SISO	2412	-13.88	<=8	Pass
		2437	-14.61	<=8	Pass
		2462	-15.59	<=8	Pass

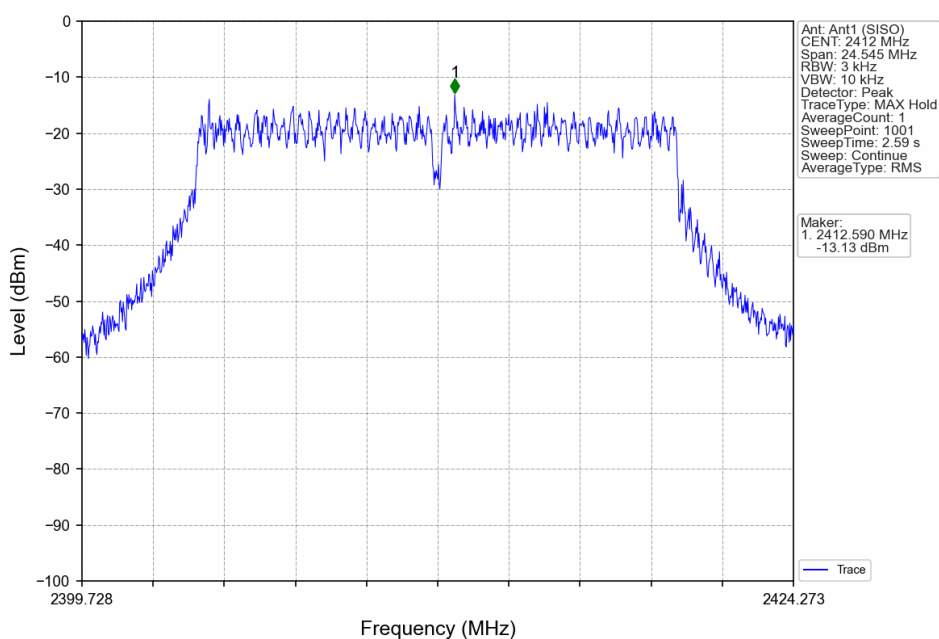
3.2 Test Graph



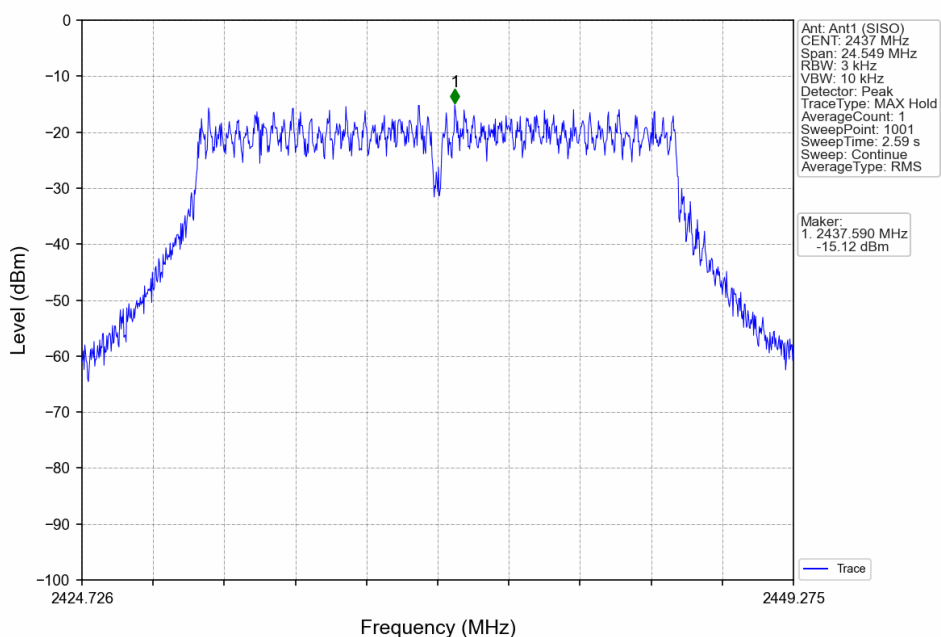
802.11b_HCH_2462MHz_Ant1 (SISO)_NTNV



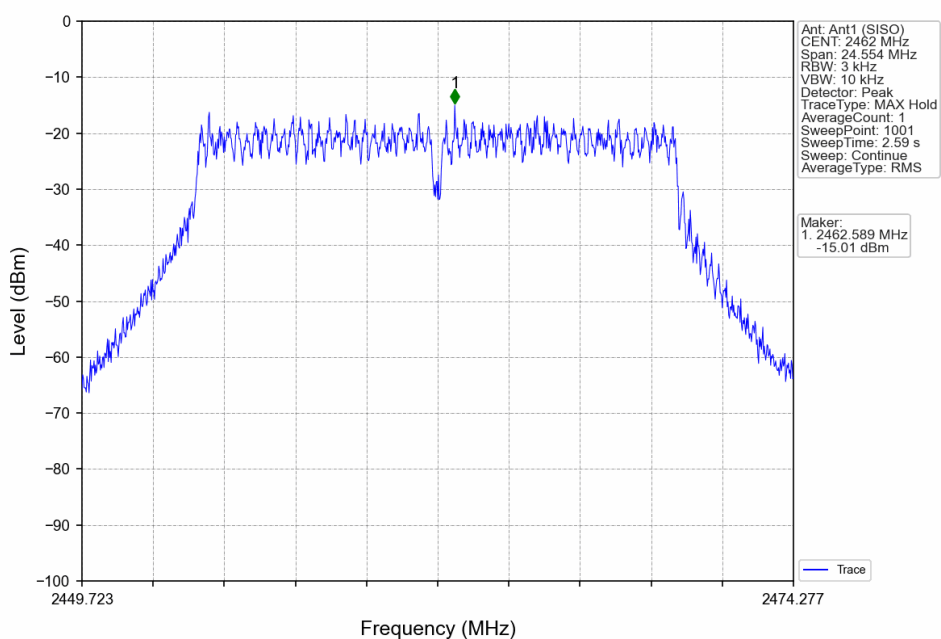
802.11g_LCH_2412MHz_Ant1 (SISO)_NTNV



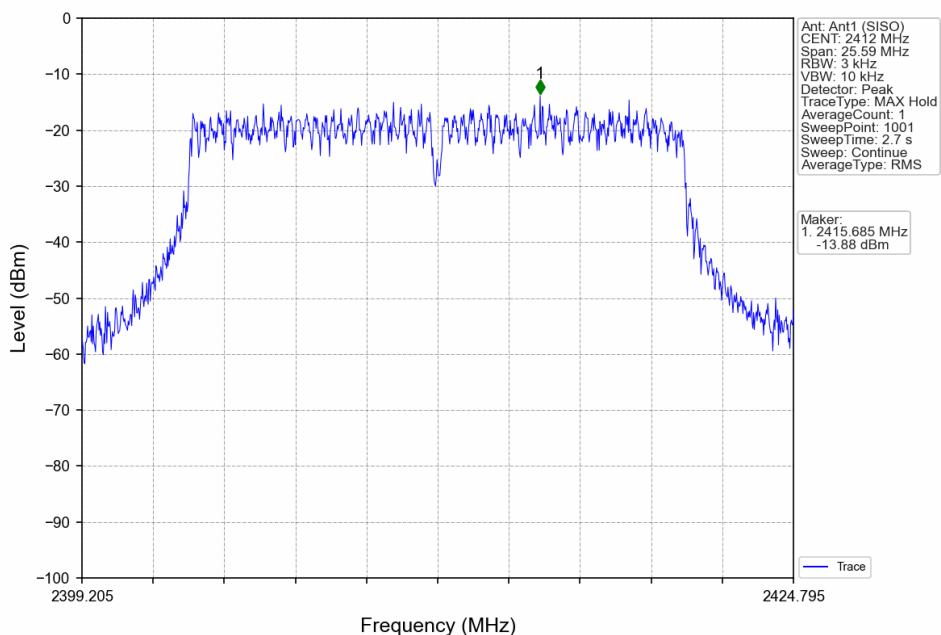
802.11g_MCH_2437MHz_Ant1 (SISO)_NTNV



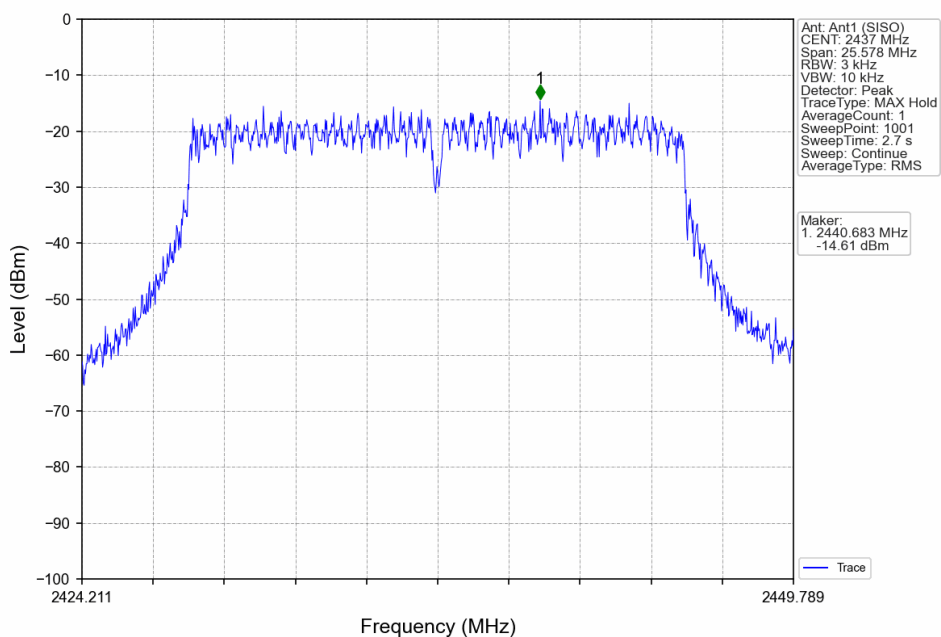
802.11g_HCH_2462MHz_Ant1 (SISO)_NTNV

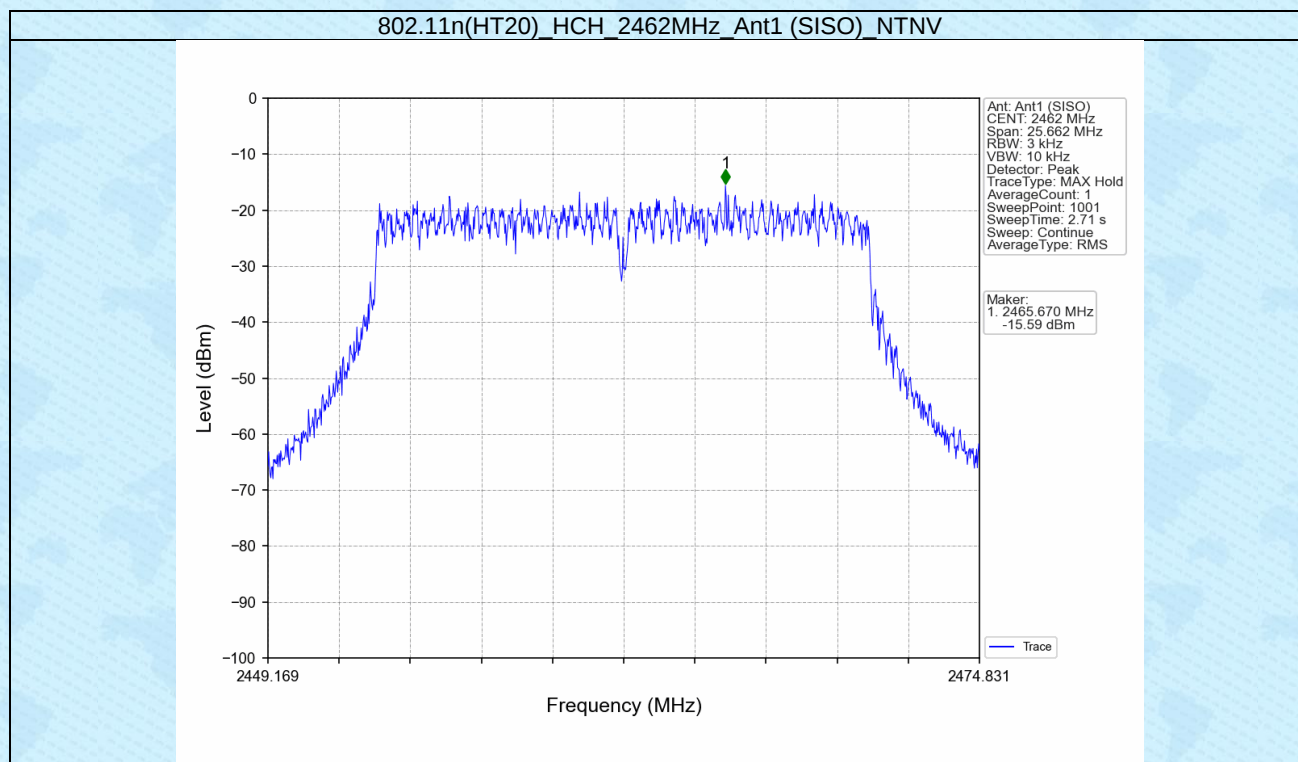


802.11n(HT20)_LCH_2412MHz_Ant1 (SISO)_NTNV



802.11n(HT20)_MCH_2437MHz_Ant1 (SISO)_NTNV





4. Unwanted Emissions In Non-restricted Frequency Bands

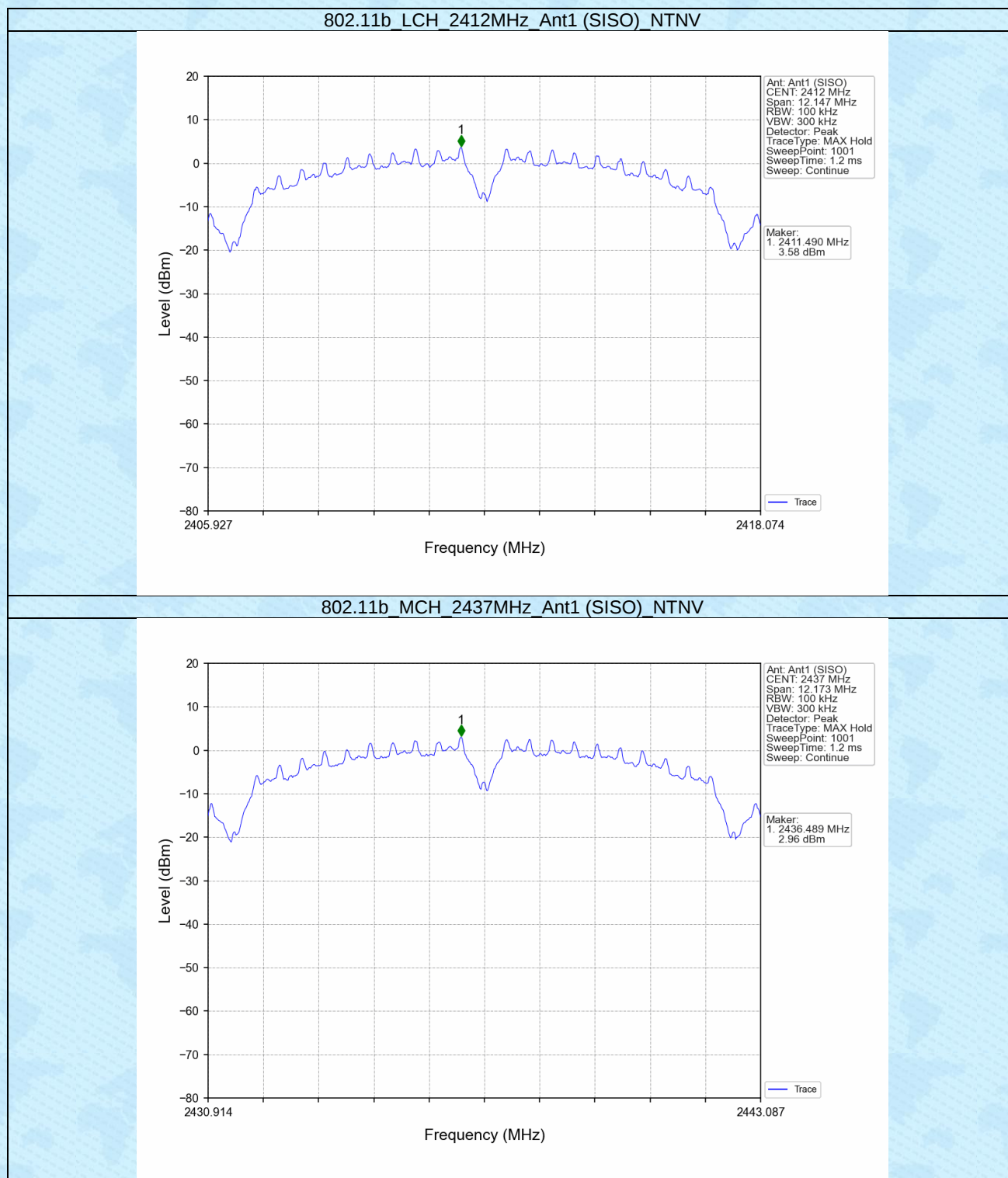
4.1 Ref

4.1.1 Test Result

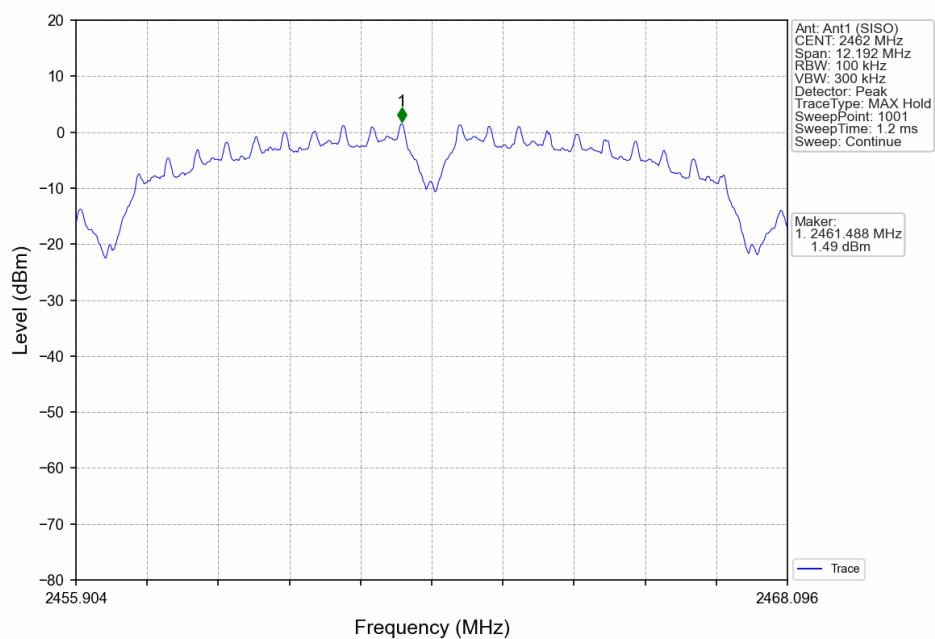
Mode	TX Type	Frequency (MHz)	ANT	Level of Reference (dBm)
802.11b	SISO	2412	1	3.58
		2437	1	2.96
		2462	1	1.49
802.11g	SISO	2412	1	0.22
		2437	1	-0.38
		2462	1	-1.78
802.11n (HT20)	SISO	2412	1	0.27
		2437	1	-0.35
		2462	1	-2.01

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.

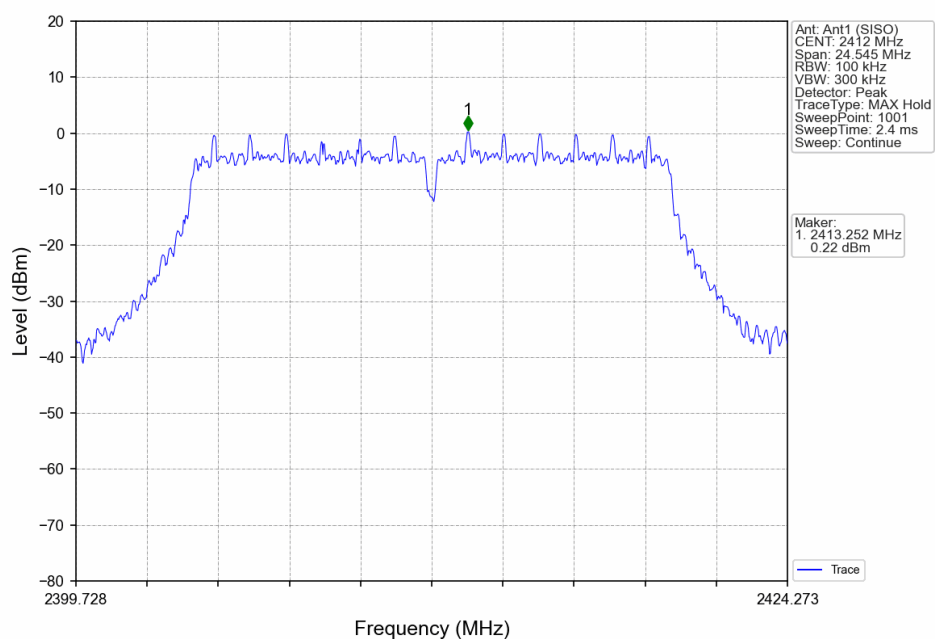
4.1.2 Test Graph



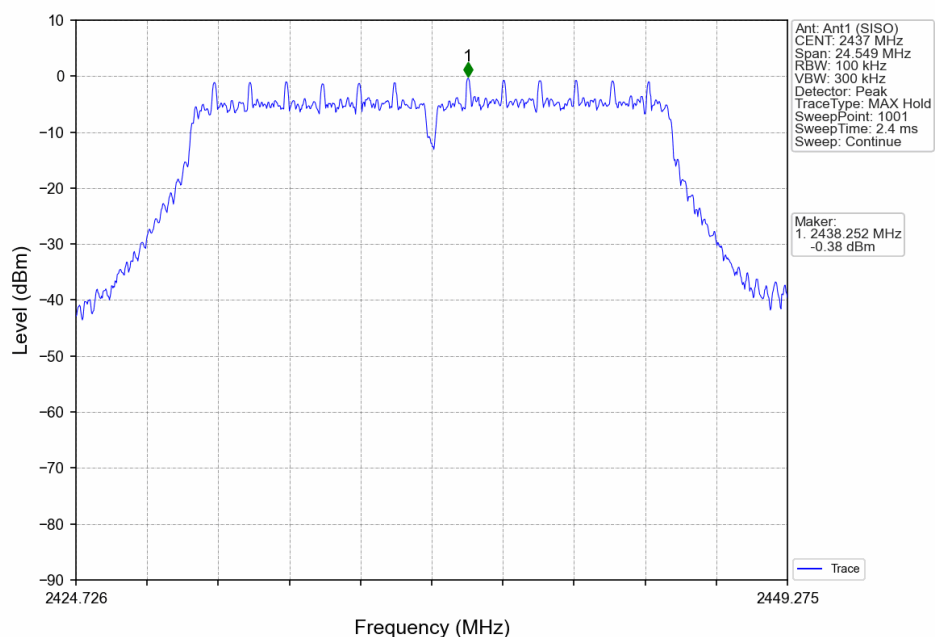
802.11b_HCH_2462MHz_Ant1 (SISO)_NTNV



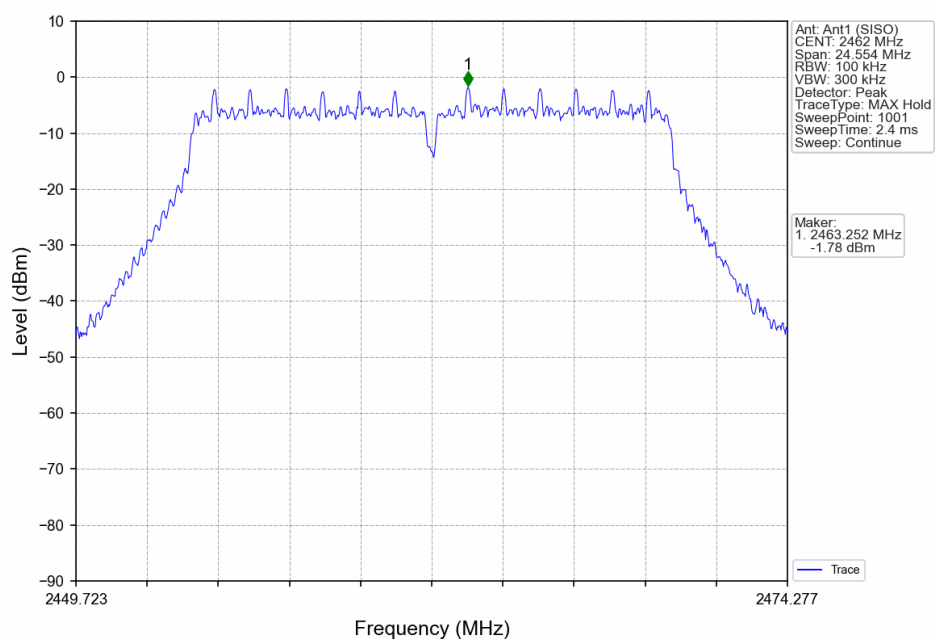
802.11g_LCH_2412MHz_Ant1 (SISO)_NTNV



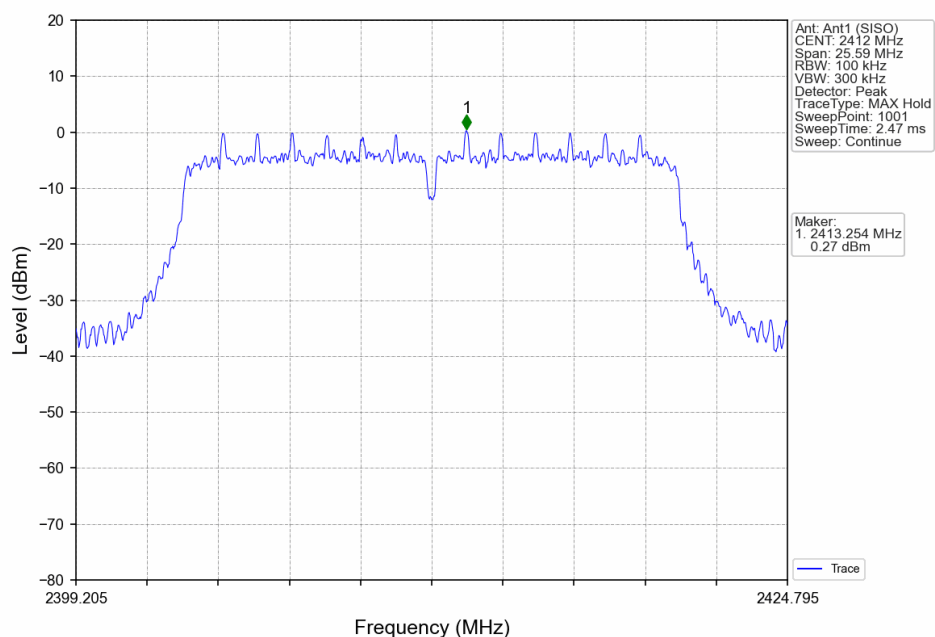
802.11g_MCH_2437MHz_Ant1 (SISO)_NTNV



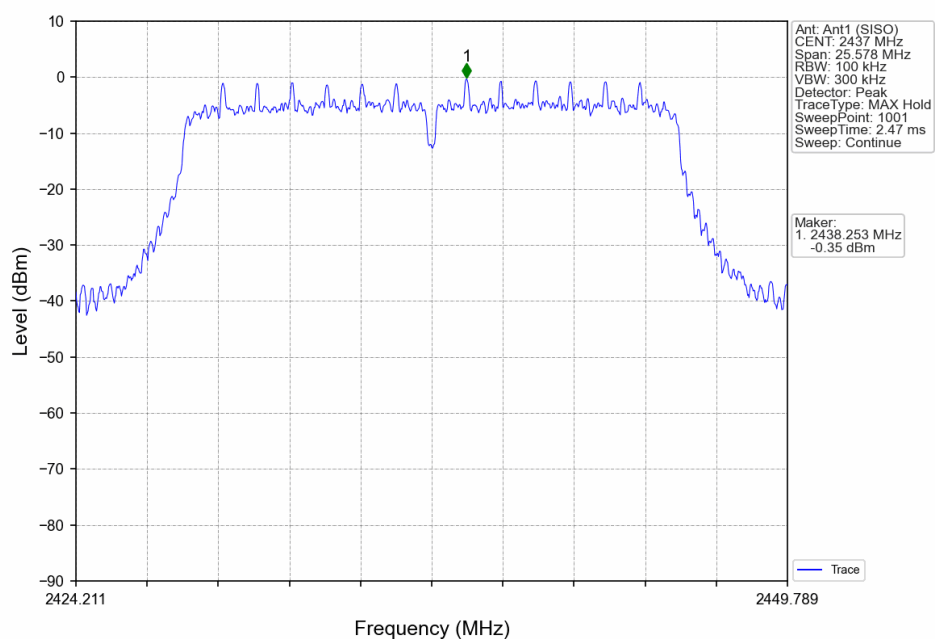
802.11g_HCH_2462MHz_Ant1 (SISO)_NTNV

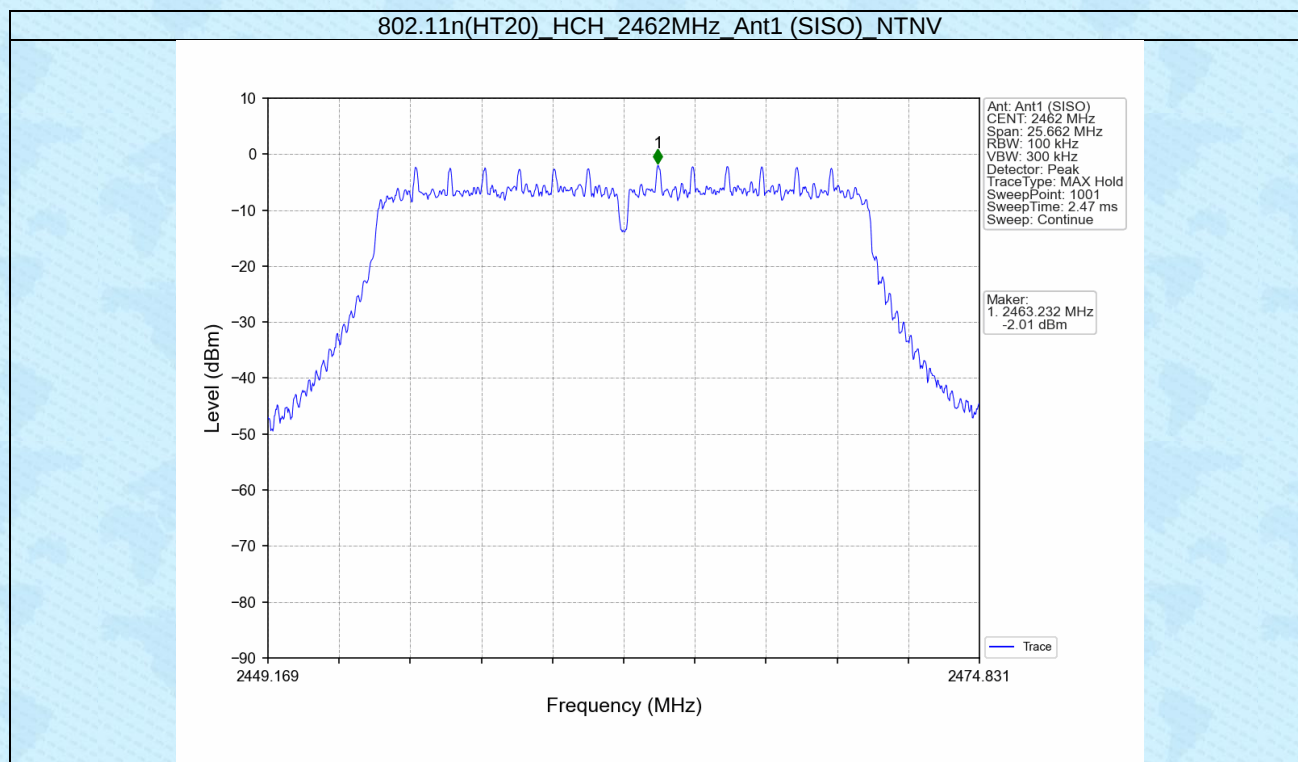


802.11n(HT20)_LCH_2412MHz_Ant1 (SISO)_NTNV



802.11n(HT20)_MCH_2437MHz_Ant1 (SISO)_NTNV





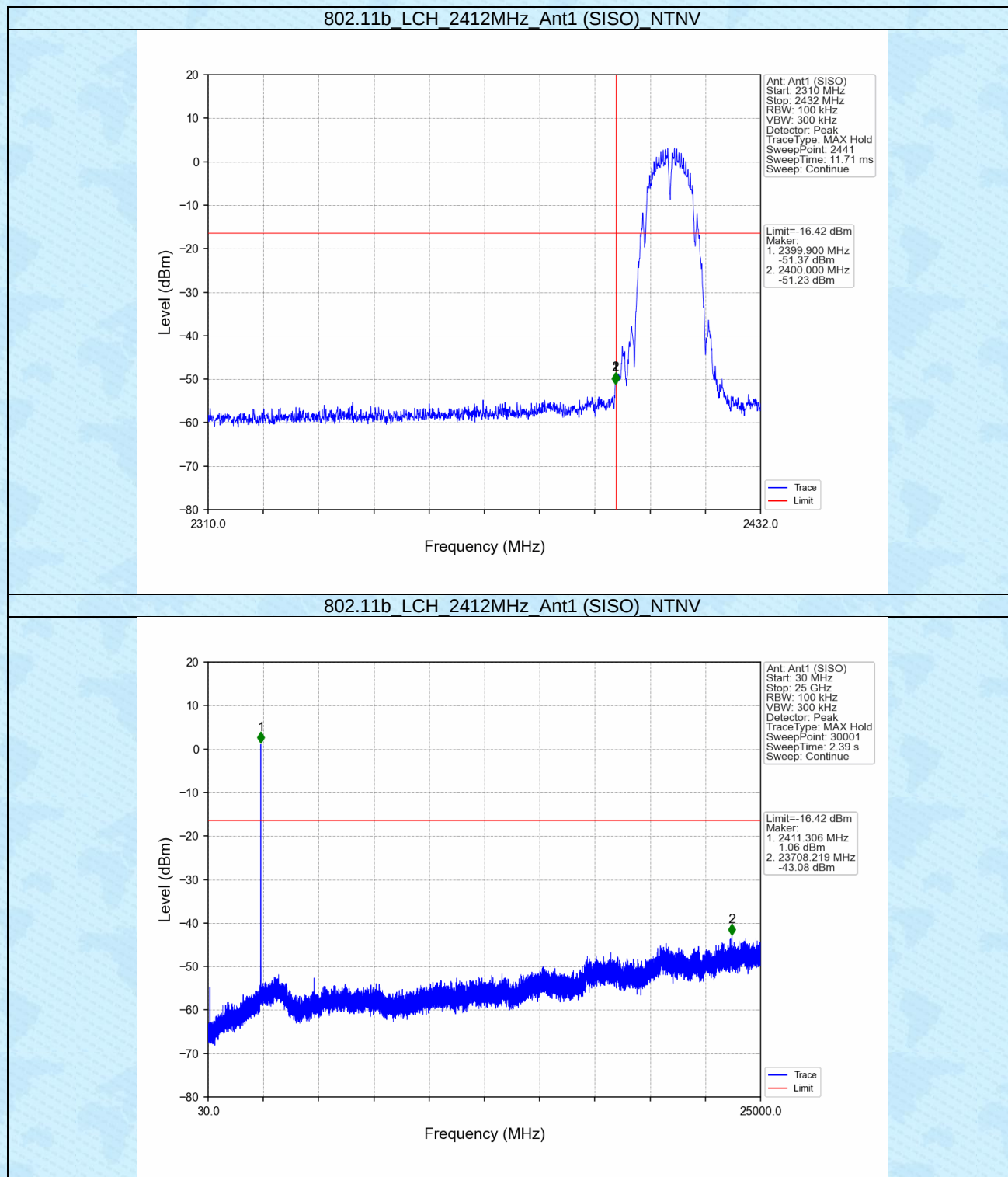
4.2 CSE

4.2.1 Test Result

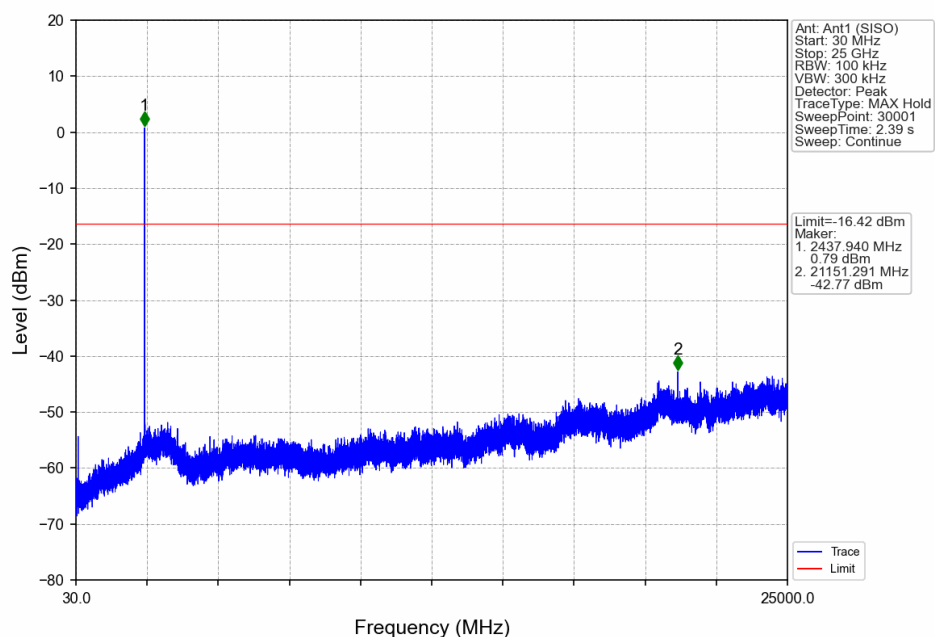
Mode	TX Type	Frequency (MHz)	ANT	Level of Reference (dBm)	Limit (dBm)	Verdict
802.11b	SISO	2412	1	3.58	-16.42	Pass
		2437	1	3.58	-16.42	Pass
		2462	1	3.58	-16.42	Pass
802.11g	SISO	2412	1	0.22	-19.78	Pass
		2437	1	0.22	-19.78	Pass
		2462	1	0.22	-19.78	Pass
802.11n (HT20)	SISO	2412	1	0.27	-19.73	Pass
		2437	1	0.27	-19.73	Pass
		2462	1	0.27	-19.73	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.

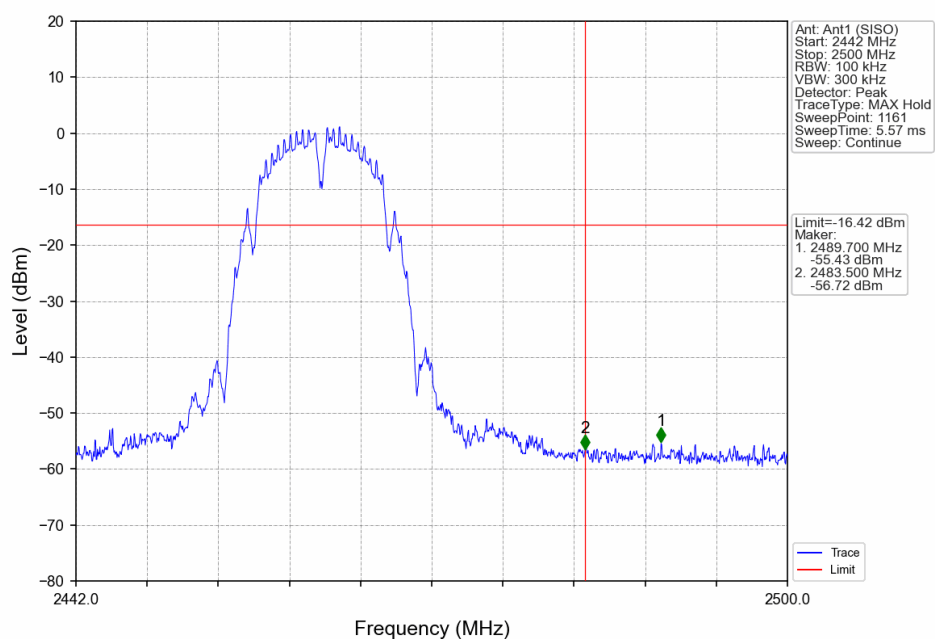
4.2.2 Test Graph



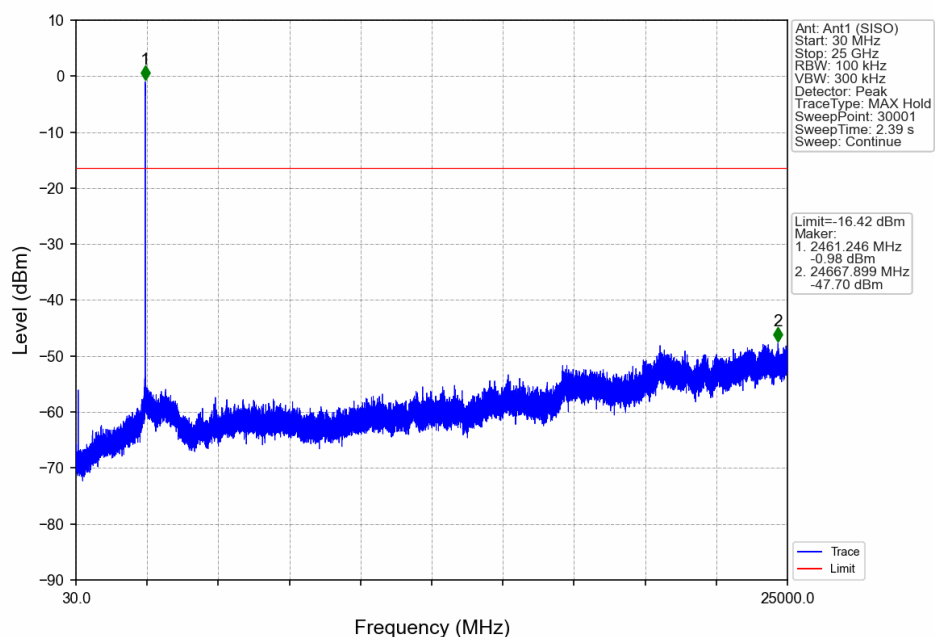
802.11b_MCH_2437MHz_Ant1 (SISO)_NTNV



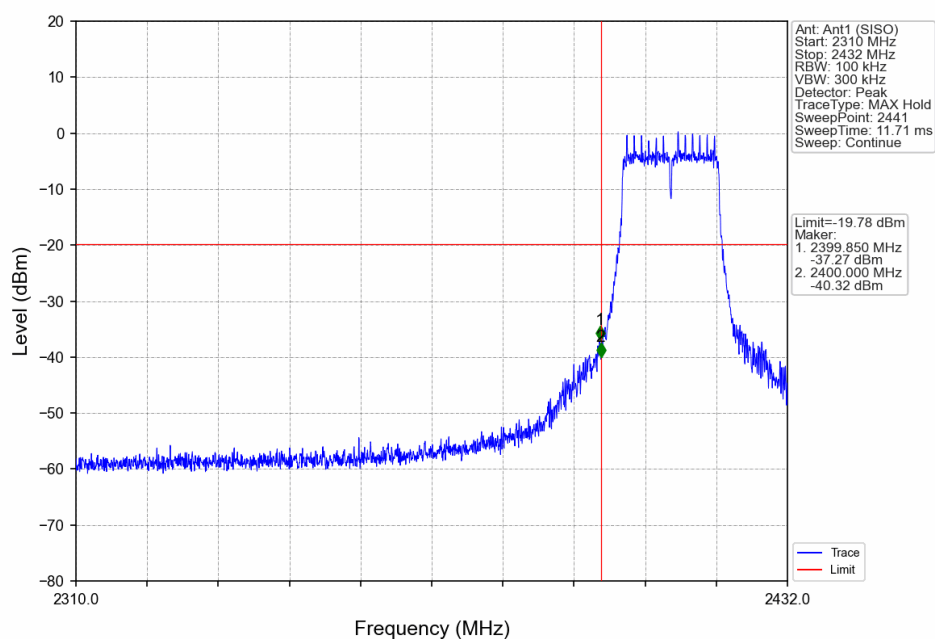
802.11b_HCH_2462MHz_Ant1 (SISO)_NTNV



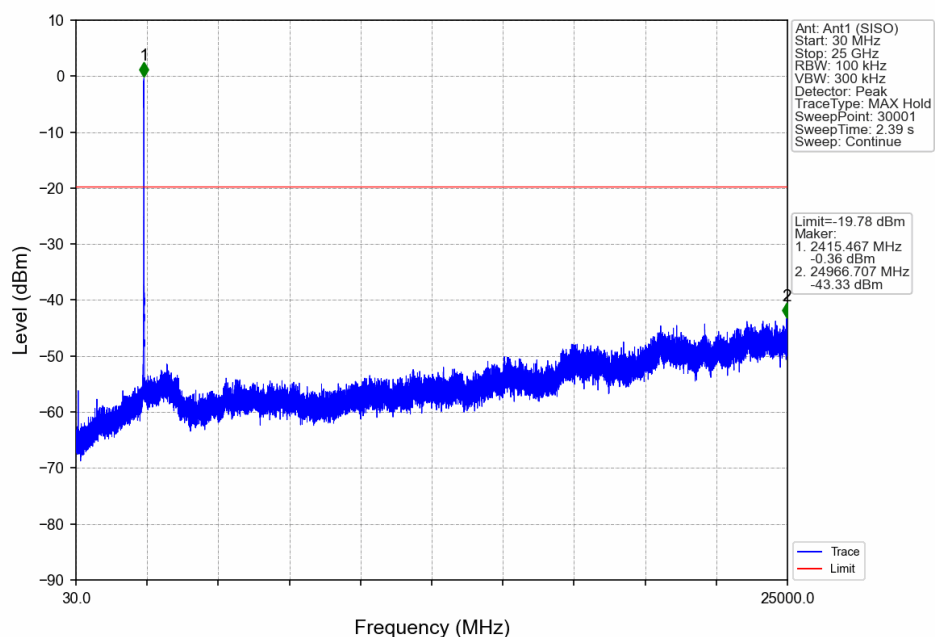
802.11b_HCH_2462MHz_Ant1 (SISO)_NTNV



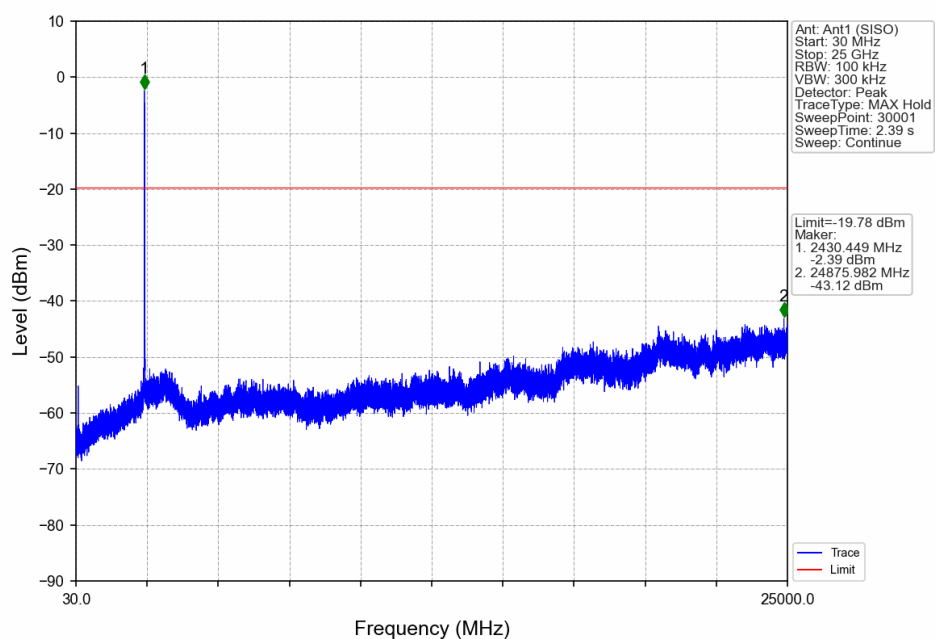
802.11g_LCH_2412MHz_Ant1 (SISO)_NTNV



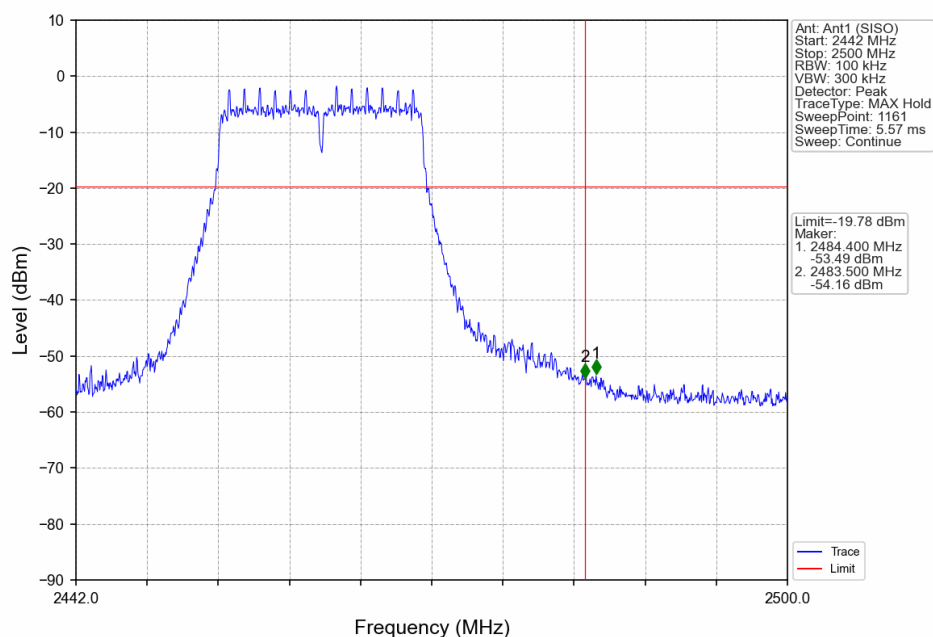
802.11g_LCH_2412MHz_Ant1 (SISO)_NTNV



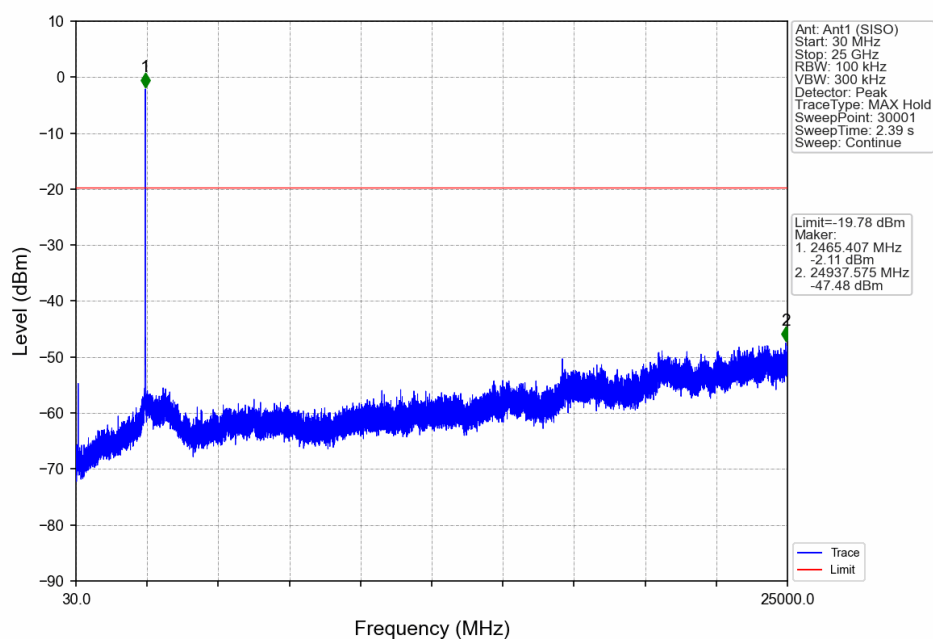
802.11g_MCH_2437MHz_Ant1 (SISO)_NTNV



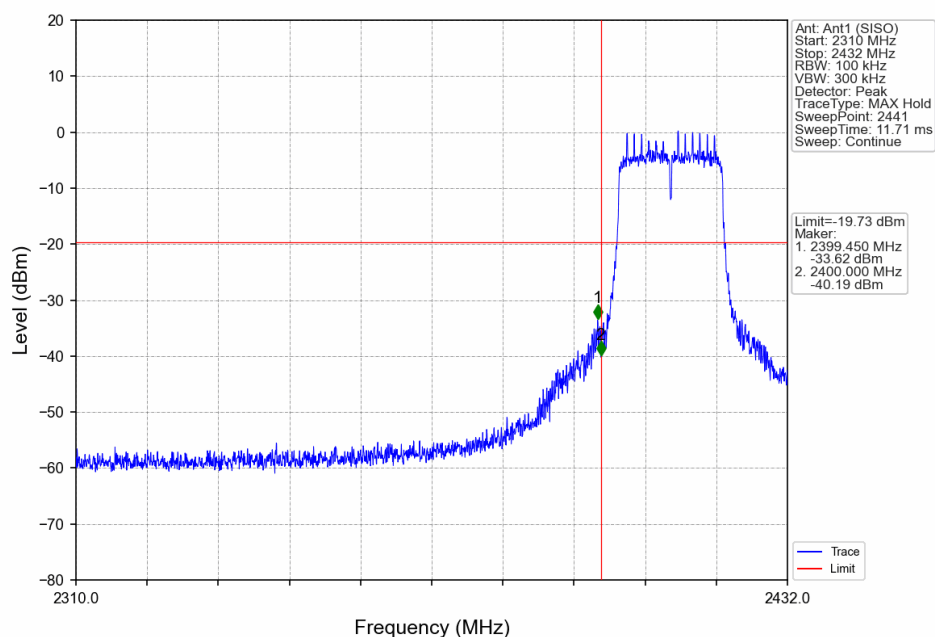
802.11g_HCH_2462MHz_Ant1 (SISO)_NTNV



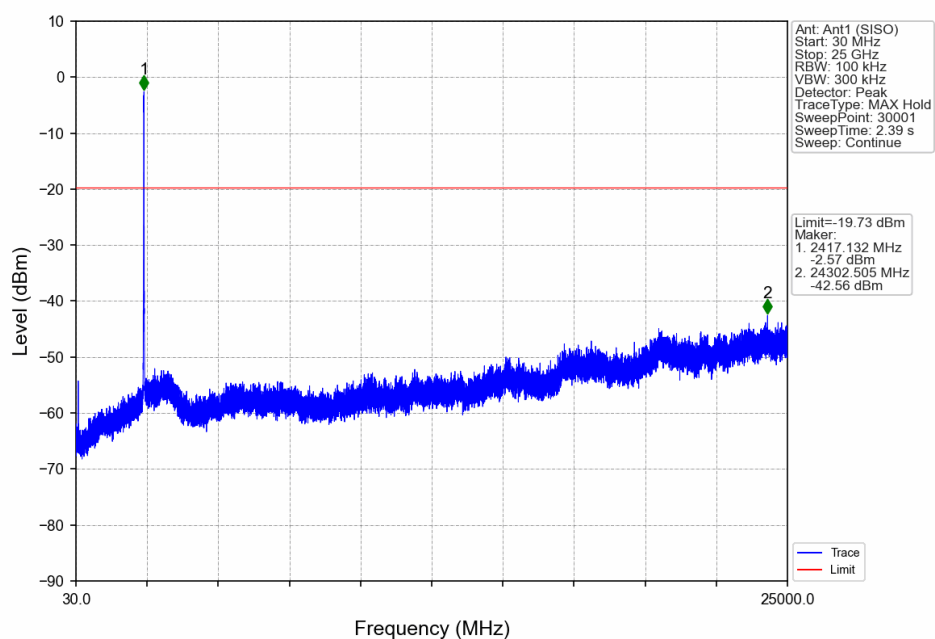
802.11g_HCH_2462MHz_Ant1 (SISO)_NTNV



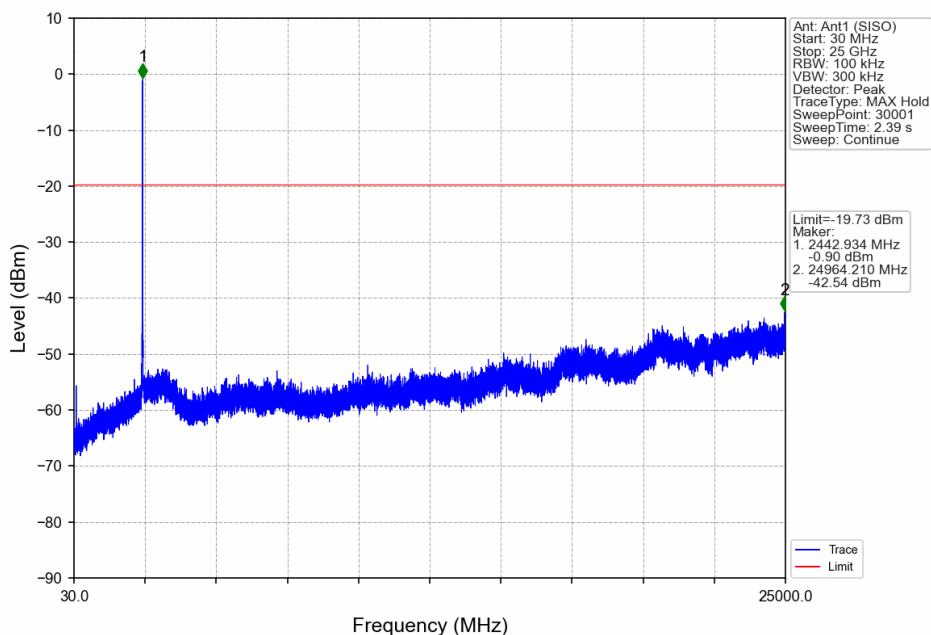
802.11n(HT20)_LCH_2412MHz_Ant1 (SISO)_NTNV



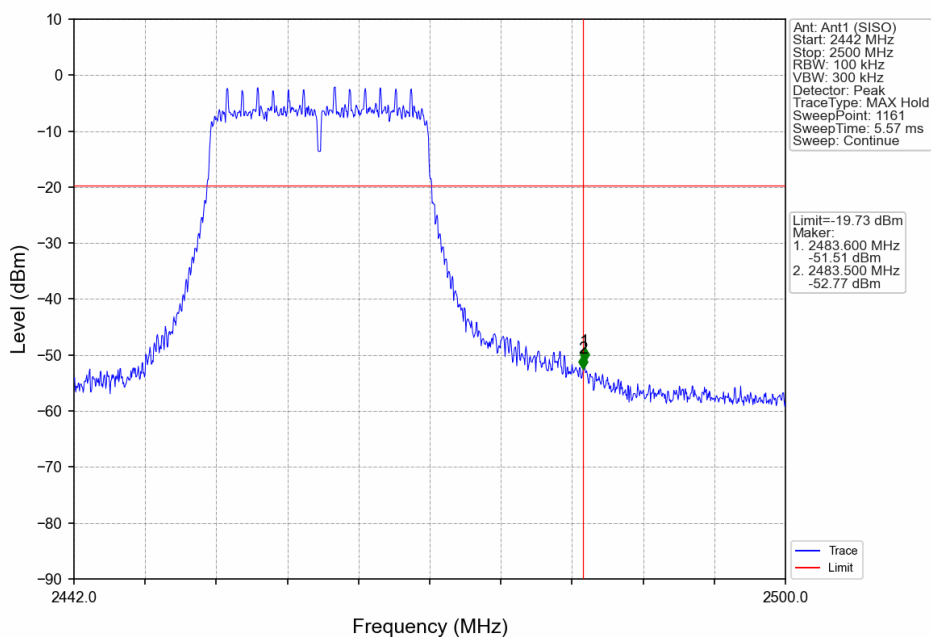
802.11n(HT20)_LCH_2412MHz_Ant1 (SISO)_NTNV

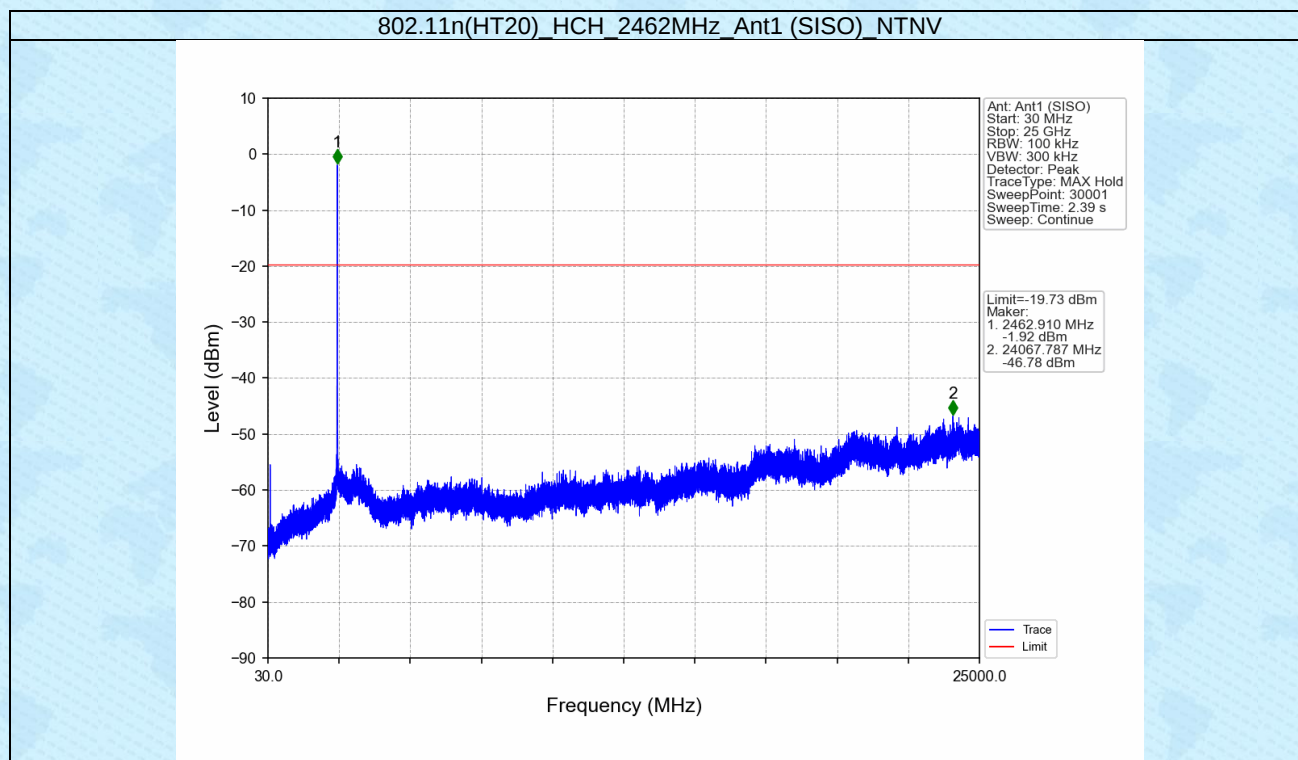


802.11n(HT20)_MCH_2437MHz_Ant1 (SISO)_NTNV



802.11n(HT20)_HCH_2462MHz_Ant1 (SISO)_NTNV





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