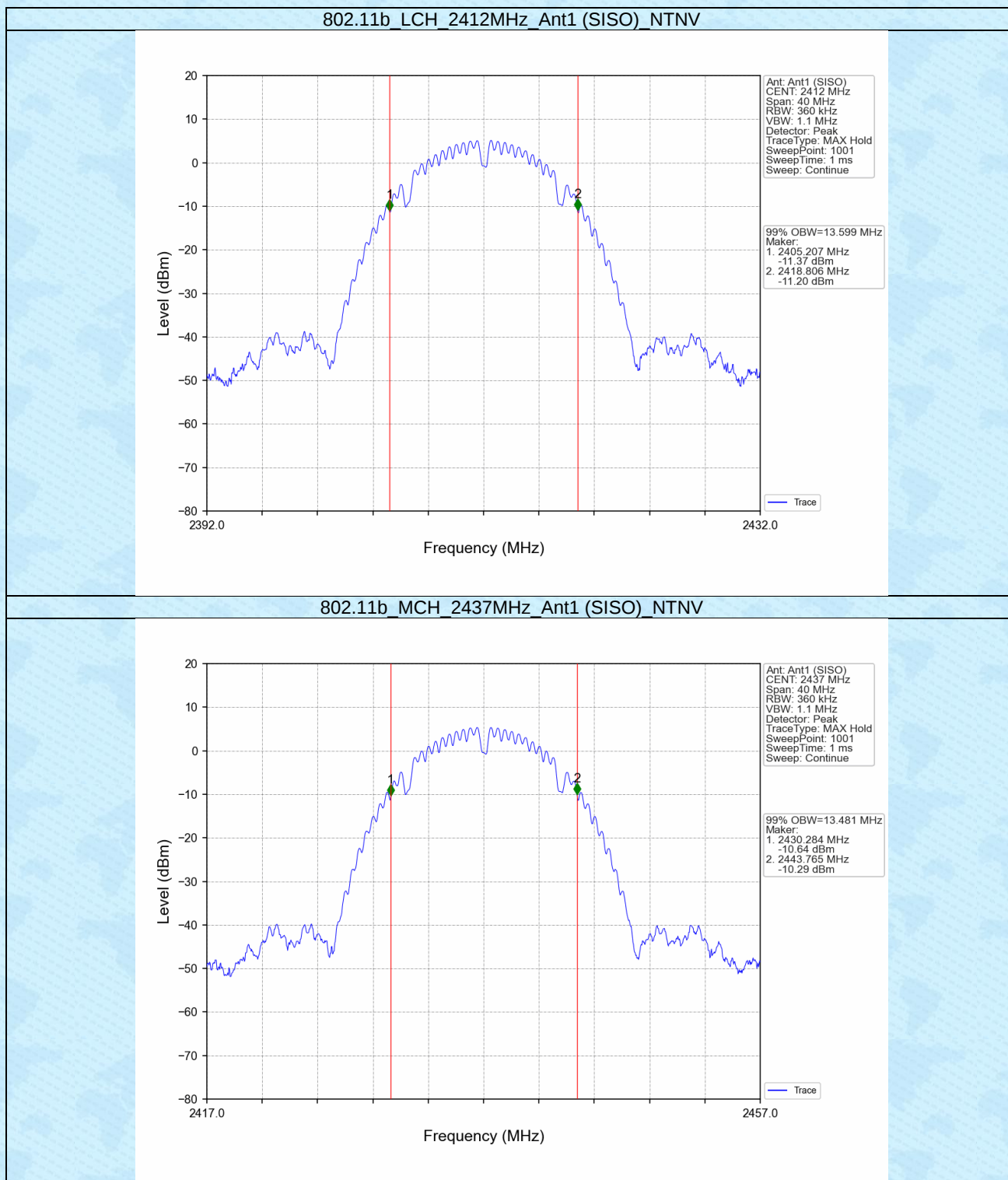


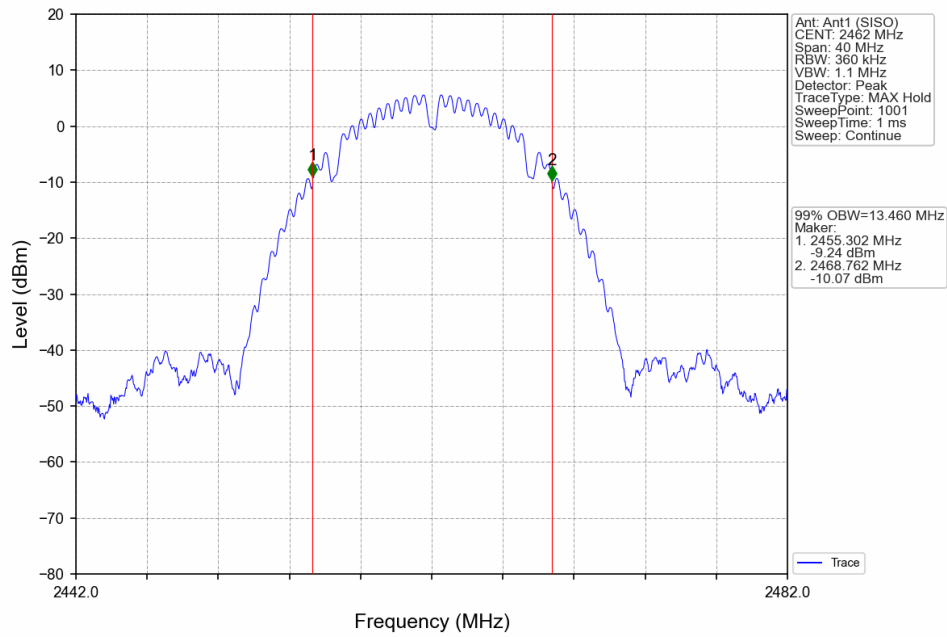
Appendix for 15.247**1. Bandwidth****1.1 OBW****1.1.1 Test Result**

Mode	TX Type	Frequency (MHz)	ANT	99% Occupied Bandwidth (MHz)	Verdict
				Result	
802.11b	SISO	2412	1	13.599	Pass
		2437	1	13.481	Pass
		2462	1	13.460	Pass
802.11g	SISO	2412	1	17.862	Pass
		2437	1	17.812	Pass
		2462	1	17.805	Pass
802.11n (HT20)	SISO	2412	1	18.041	Pass
		2437	1	18.006	Pass
		2462	1	18.016	Pass
802.11n (HT40)	SISO	2422	1	36.590	Pass
		2437	1	36.492	Pass
		2452	1	36.447	Pass

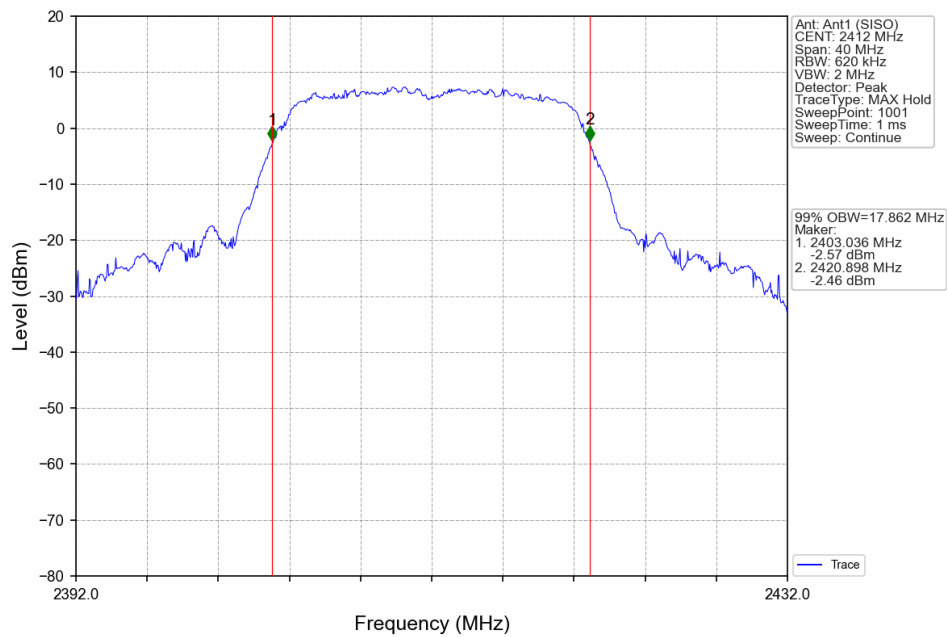
1.1.2 Test Graph



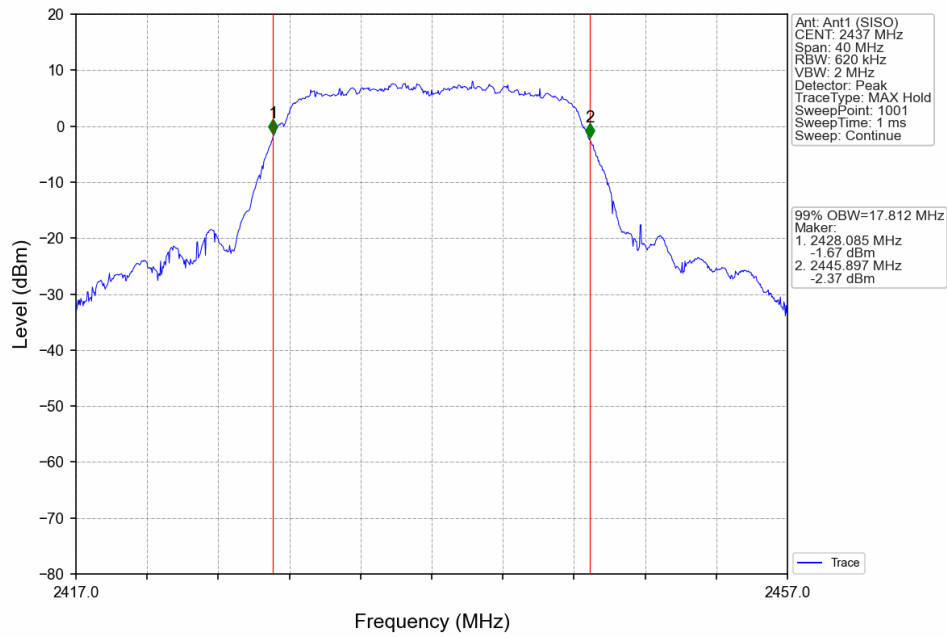
802.11b_HCH_2462MHz_Ant1 (SISO)_NTNV



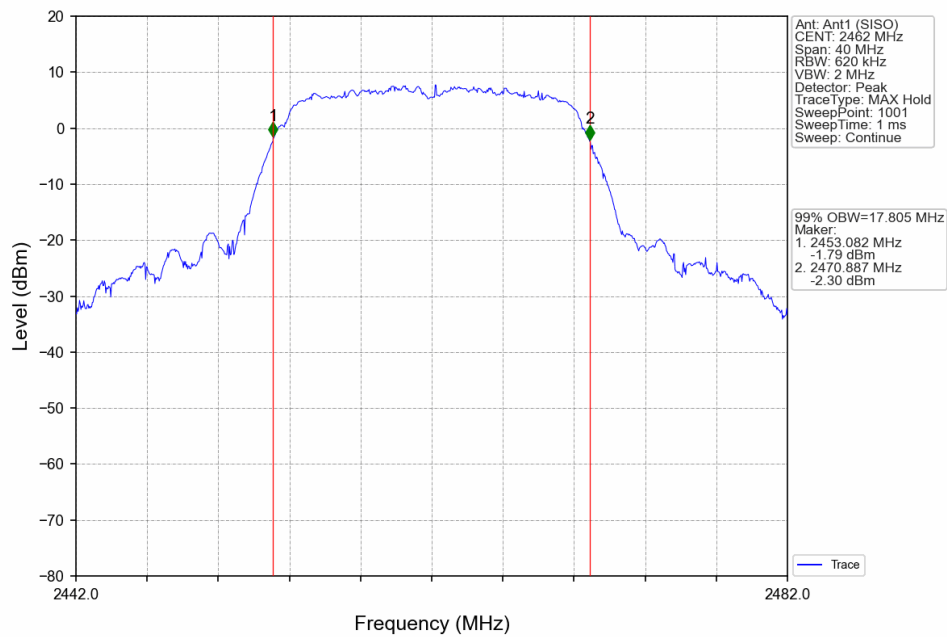
802.11g_LCH_2412MHz_Ant1 (SISO)_NTNV



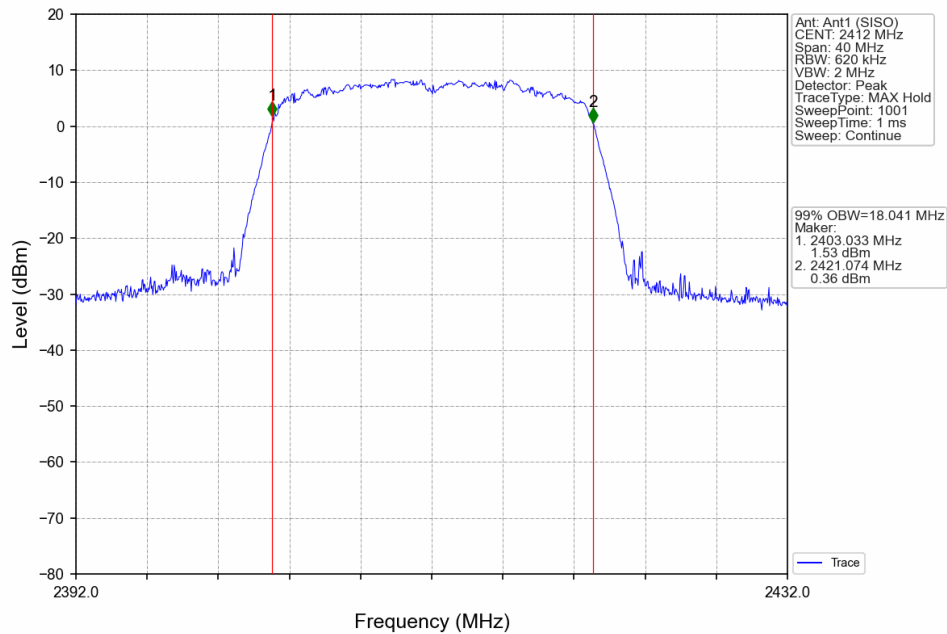
802.11g_MCH_2437MHz_Ant1 (SISO)_NTNV



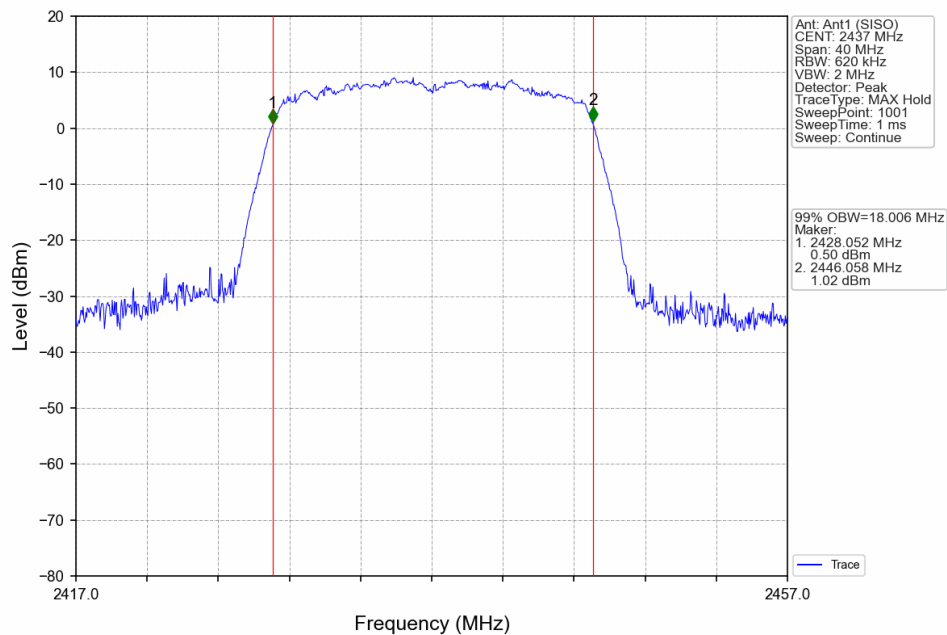
802.11g_HCH_2462MHz_Ant1 (SISO)_NTNV



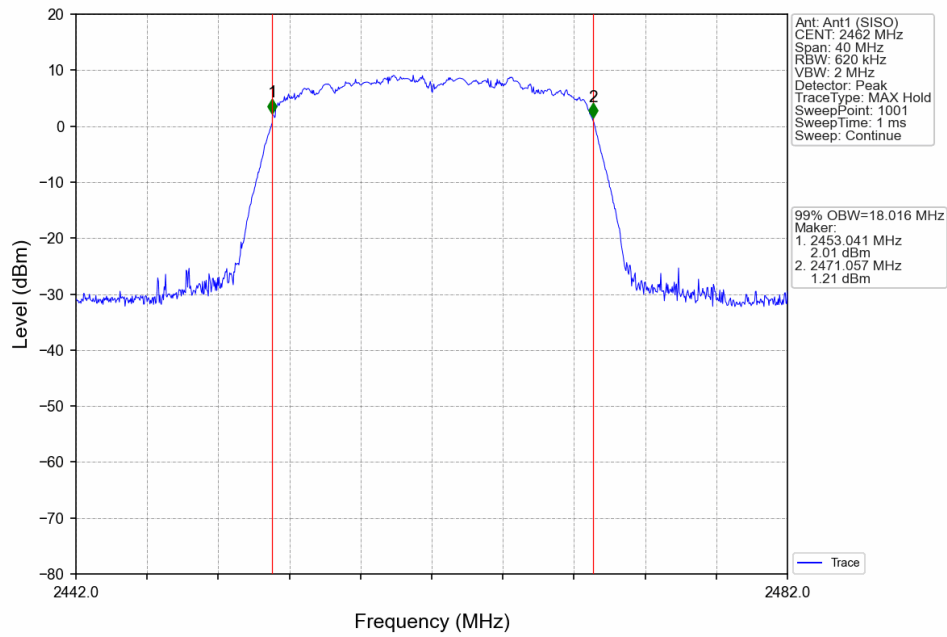
802.11n(HT20)_LCH_2412MHz_Ant1 (SISO)_NTNV



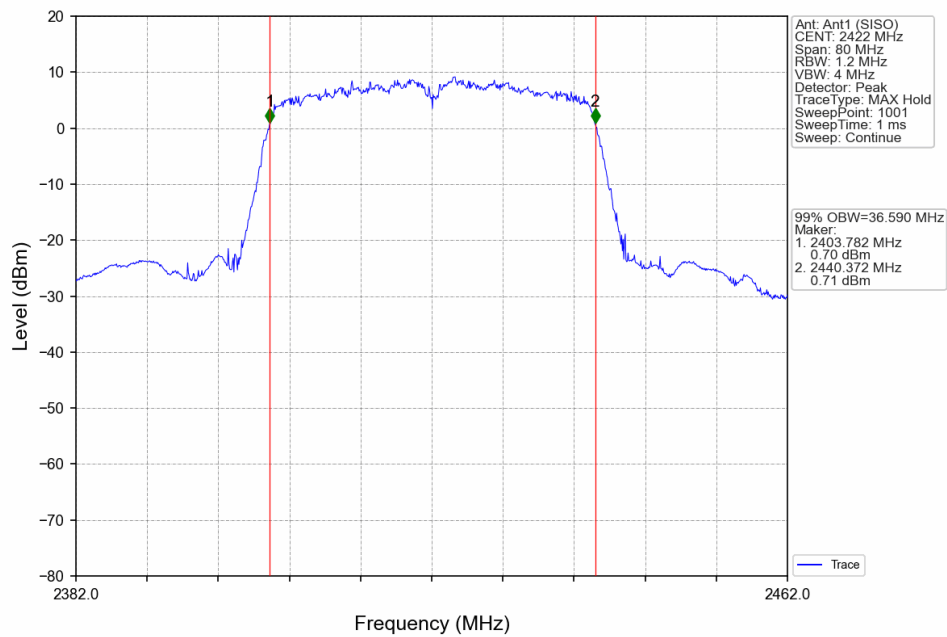
802.11n(HT20)_MCH_2437MHz_Ant1 (SISO)_NTNV



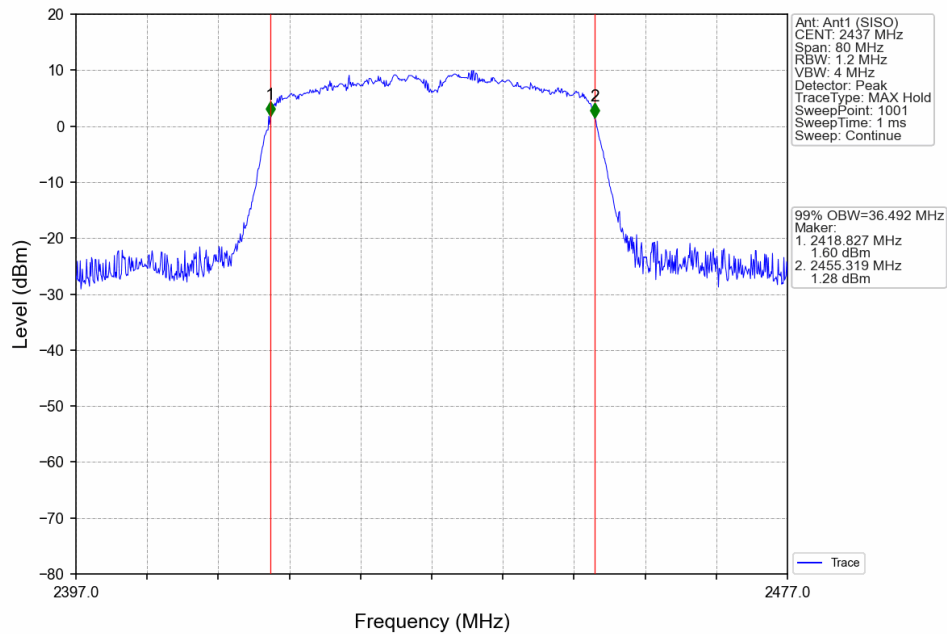
802.11n(HT20)_HCH_2462MHz_Ant1 (SISO)_NTNV



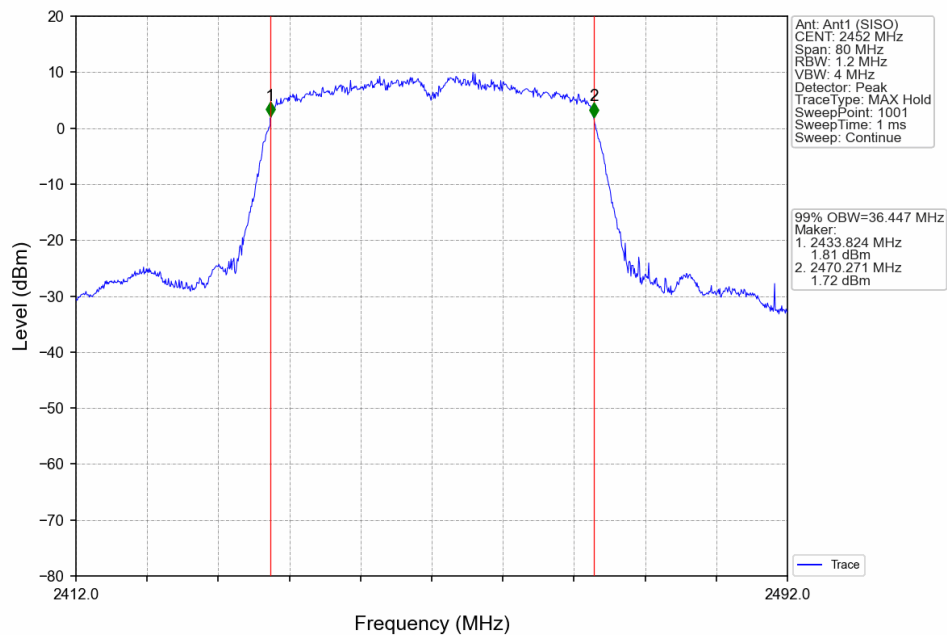
802.11n(HT40)_LCH_2422MHz_Ant1 (SISO)_NTNV



802.11n(HT40)_MCH_2437MHz_Ant1 (SISO)_NTNV



802.11n(HT40)_HCH_2452MHz_Ant1 (SISO)_NTNV

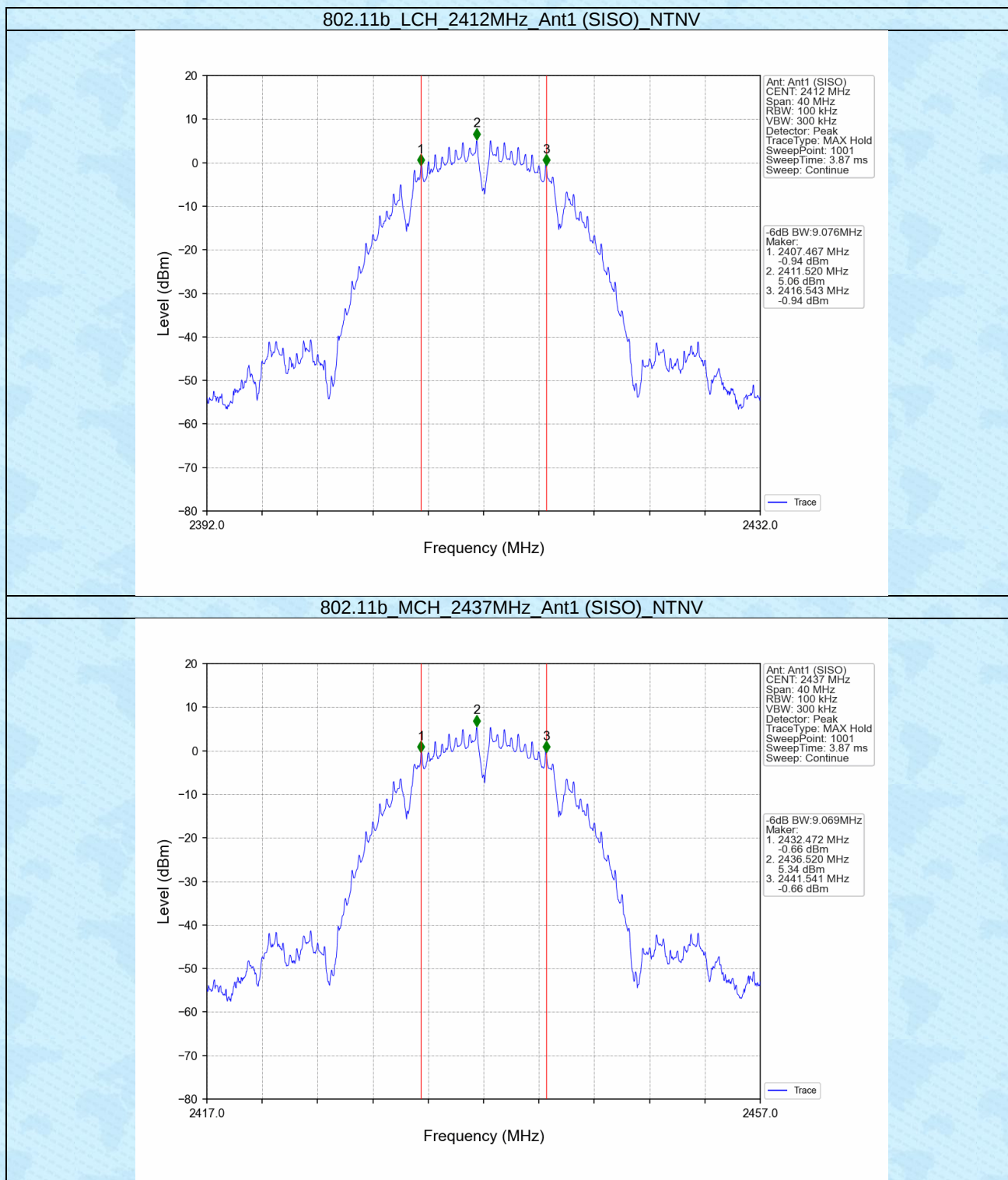


1.2 6dB BW

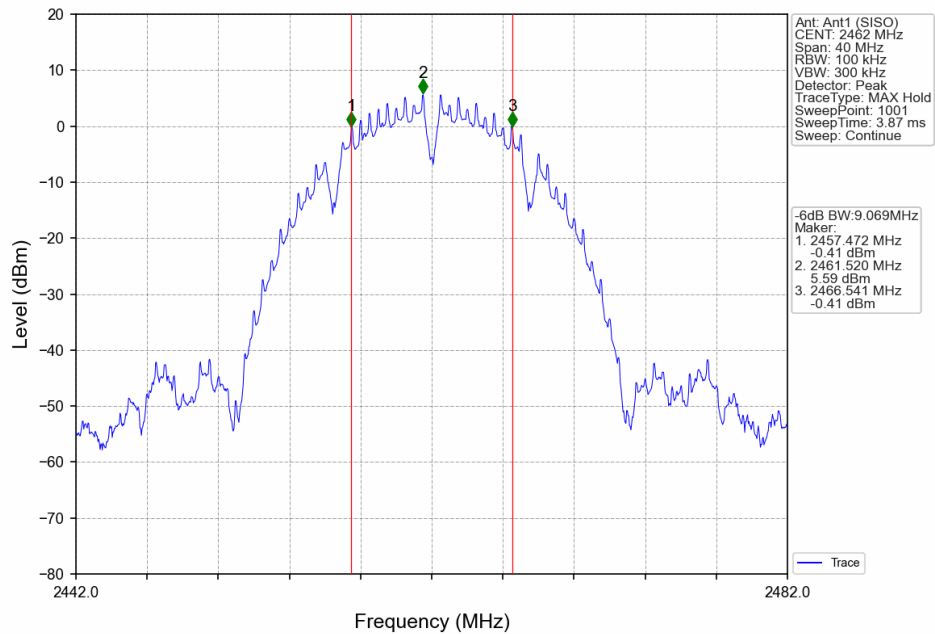
1.2.1 Test Result

Mode	TX Type	Frequency (MHz)	ANT	6dB Bandwidth (MHz)		Verdict
				Result	Limit	
802.11b	SISO	2412	1	9.076	≥ 0.5	Pass
		2437	1	9.069	≥ 0.5	Pass
		2462	1	9.069	≥ 0.5	Pass
802.11g	SISO	2412	1	15.183	≥ 0.5	Pass
		2437	1	15.345	≥ 0.5	Pass
		2462	1	15.194	≥ 0.5	Pass
802.11n (HT20)	SISO	2412	1	16.002	≥ 0.5	Pass
		2437	1	16.625	≥ 0.5	Pass
		2462	1	16.628	≥ 0.5	Pass
802.11n (HT40)	SISO	2422	1	35.434	≥ 0.5	Pass
		2437	1	35.410	≥ 0.5	Pass
		2452	1	35.168	≥ 0.5	Pass

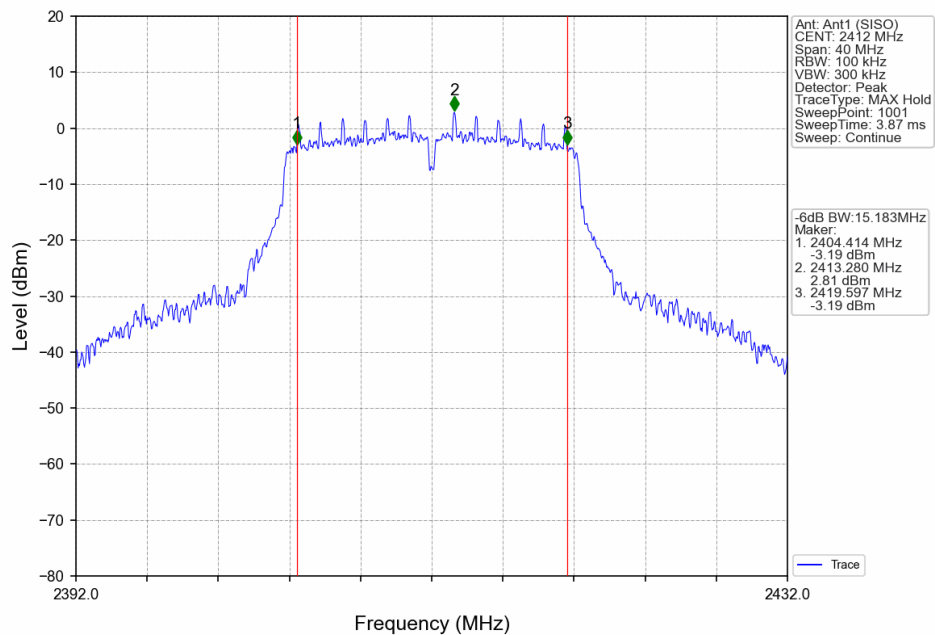
1.2.2 Test Graph



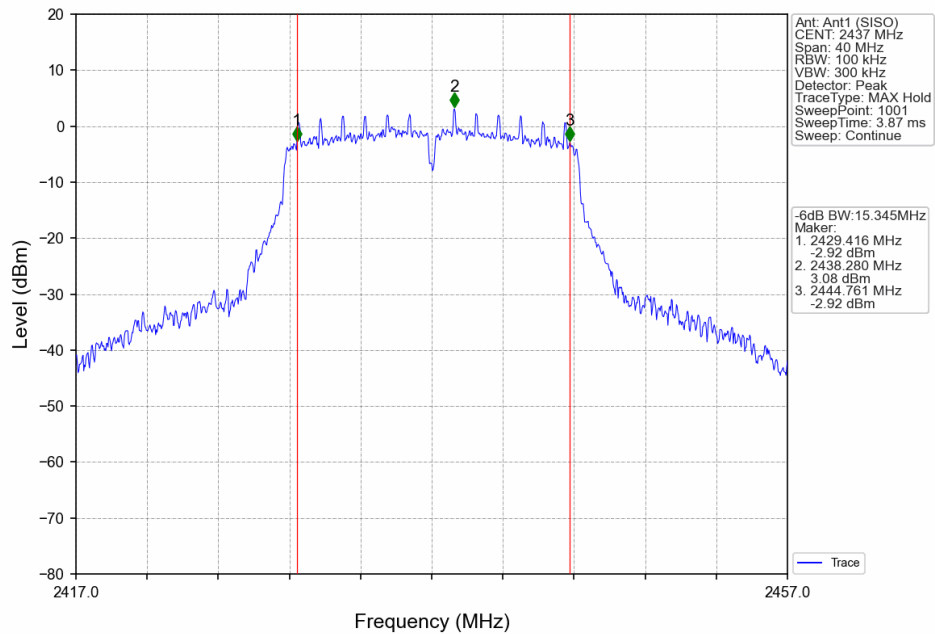
802.11b_HCH_2462MHz_Ant1 (SISO)_NTNV



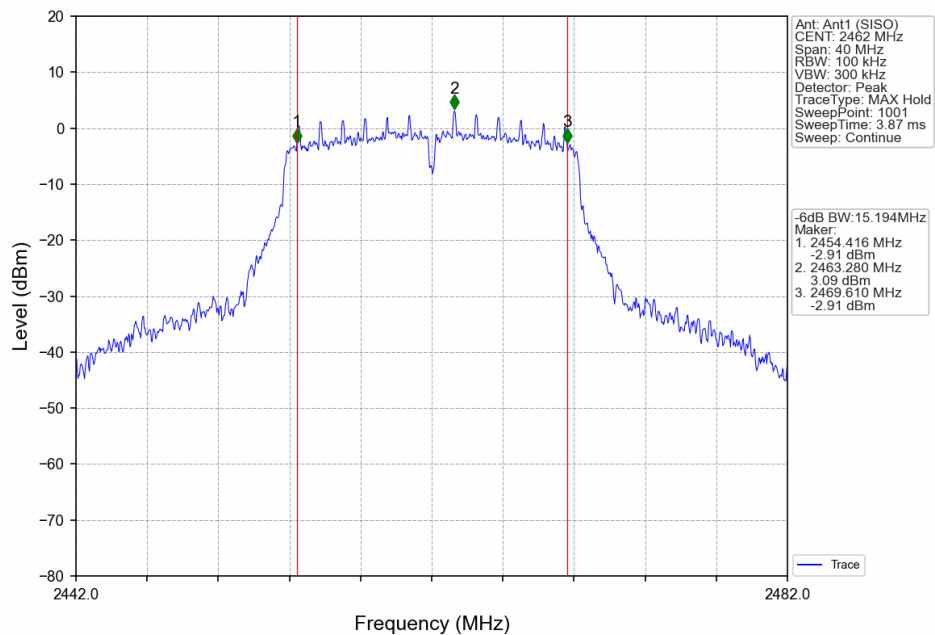
802.11g_LCH_2412MHz_Ant1 (SISO)_NTNV



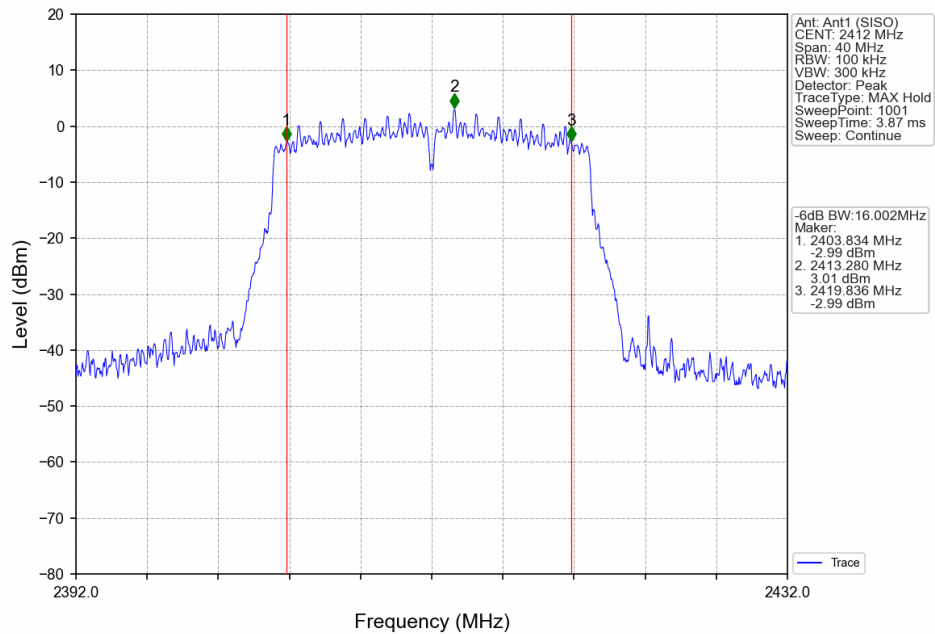
802.11g_MCH_2437MHz_Ant1 (SISO)_NTNV



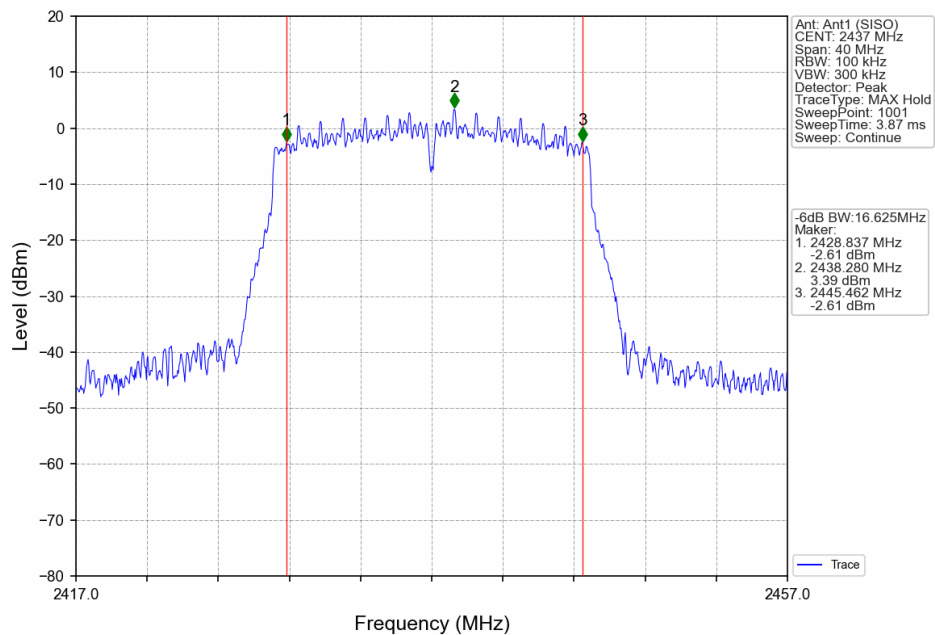
802.11g_HCH_2462MHz_Ant1 (SISO)_NTNV



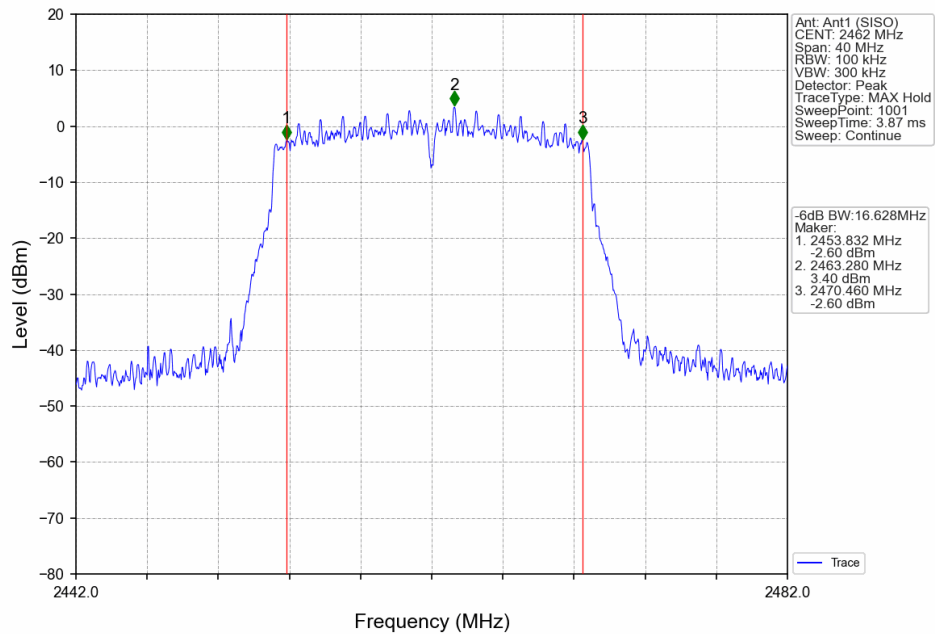
802.11n(HT20)_LCH_2412MHz_Ant1 (SISO)_NTNV



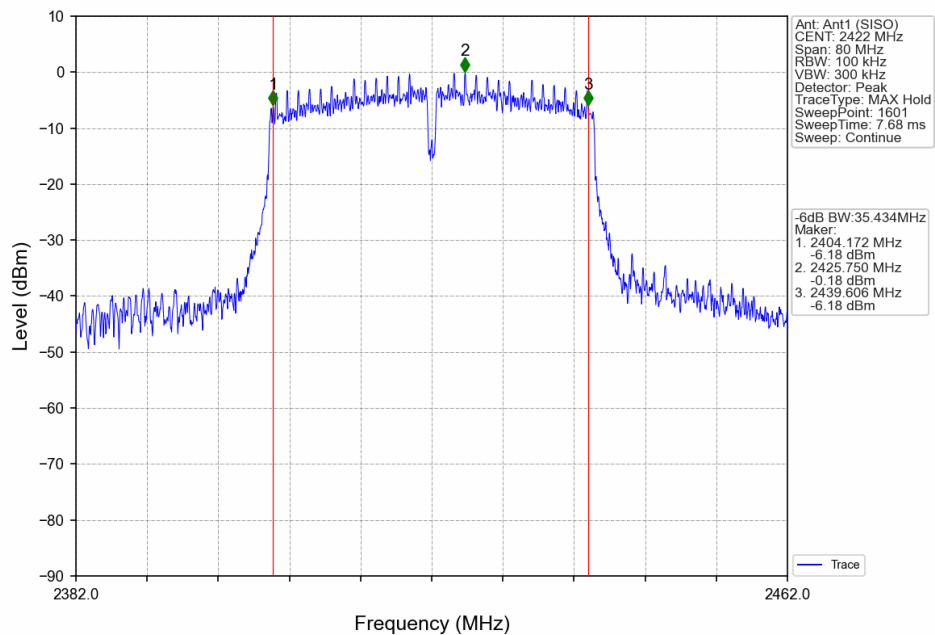
802.11n(HT20)_MCH_2437MHz_Ant1 (SISO)_NTNV



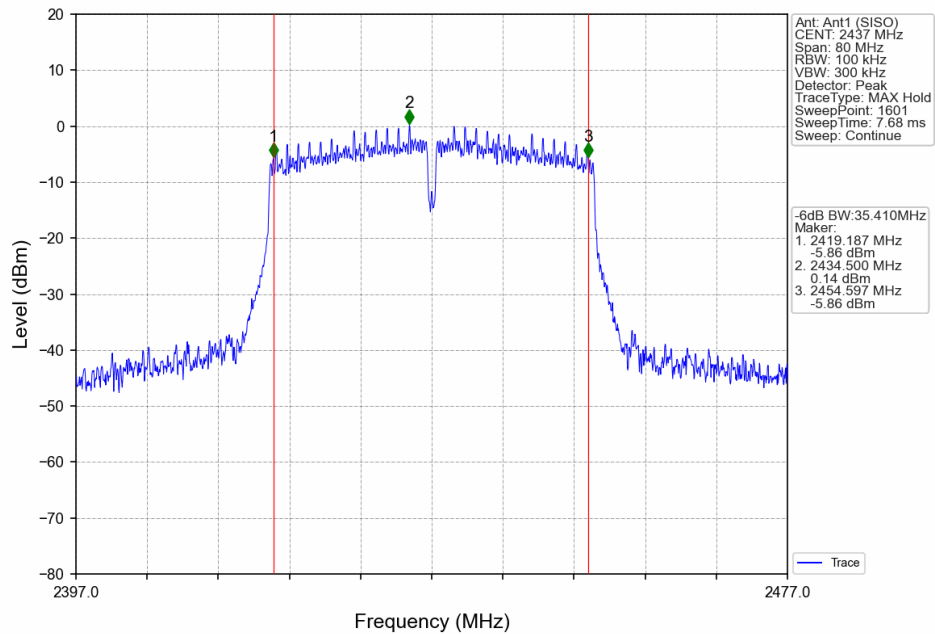
802.11n(HT20)_HCH_2462MHz_Ant1 (SISO)_NTNV



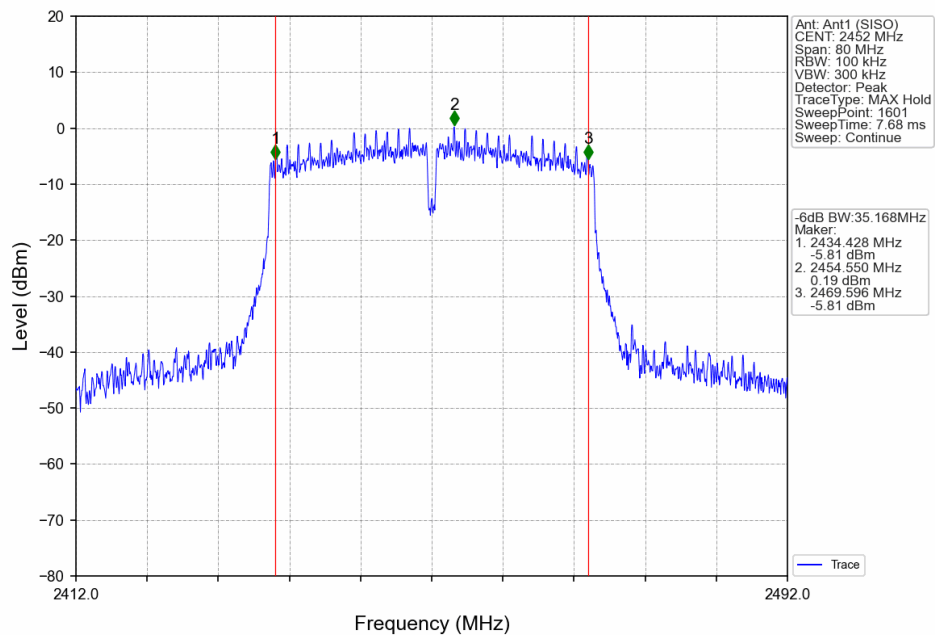
802.11n(HT40)_LCH_2422MHz_Ant1 (SISO)_NTNV



802.11n(HT40)_MCH_2437MHz_Ant1 (SISO)_NTNV



802.11n(HT40)_HCH_2452MHz_Ant1 (SISO)_NTNV



2. Maximum Conducted Output Power

2.1 Test Result

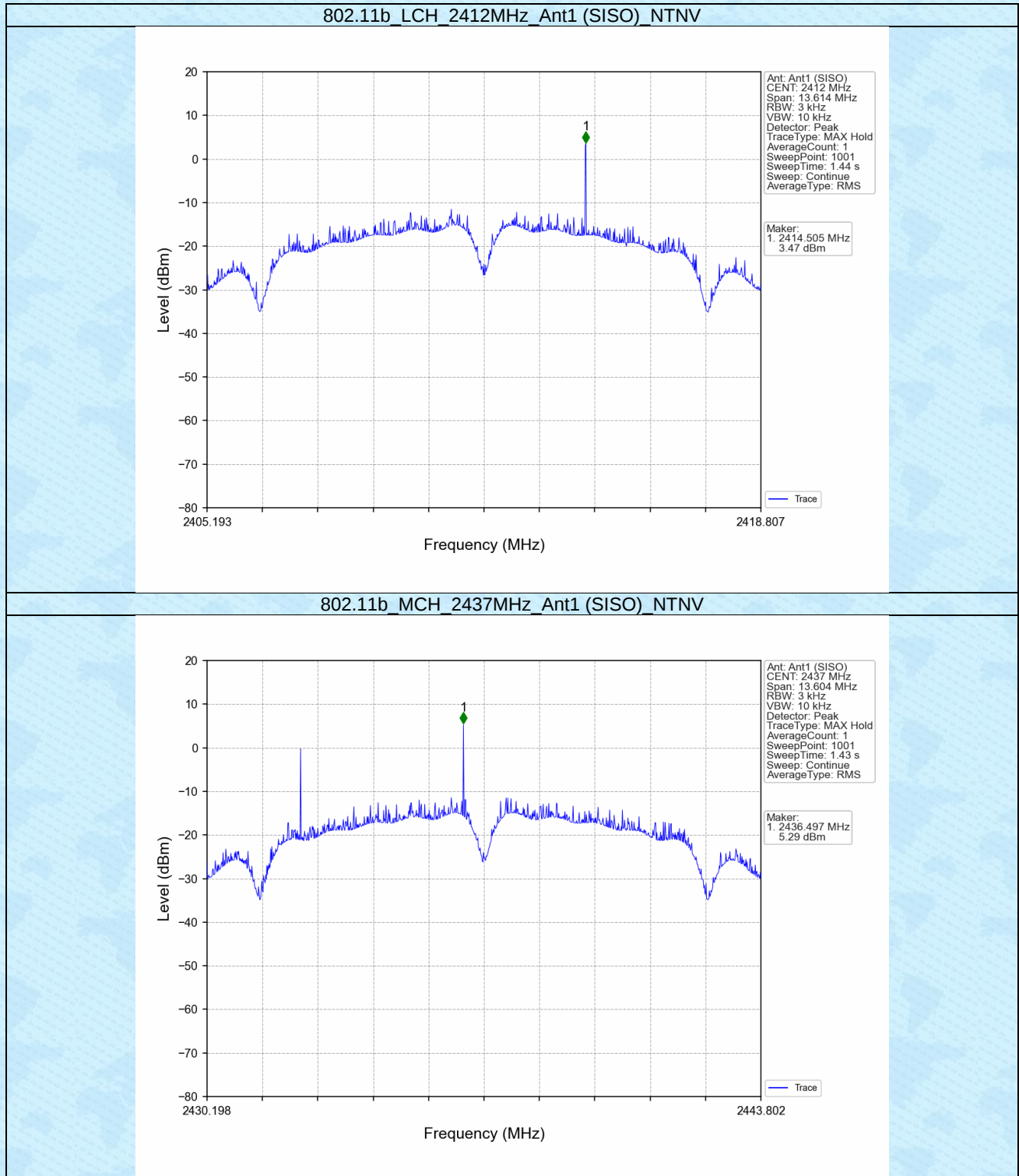
Mode	TX Type	Frequency (MHz)	Maximum Peak Conducted Output Power (dBm)		Verdict
			ANT1	Limit	
802.11b	SISO	2412	15.72	<=30	Pass
		2437	15.99	<=30	Pass
		2462	16.20	<=30	Pass
802.11g	SISO	2412	20.41	<=30	Pass
		2437	20.73	<=30	Pass
		2462	20.69	<=30	Pass
802.11n (HT20)	SISO	2412	20.67	<=30	Pass
		2437	21.20	<=30	Pass
		2462	21.40	<=30	Pass
802.11n (HT40)	SISO	2422	20.72	<=30	Pass
		2437	21.02	<=30	Pass
		2452	21.04	<=30	Pass

3. Maximum Power Spectral Density

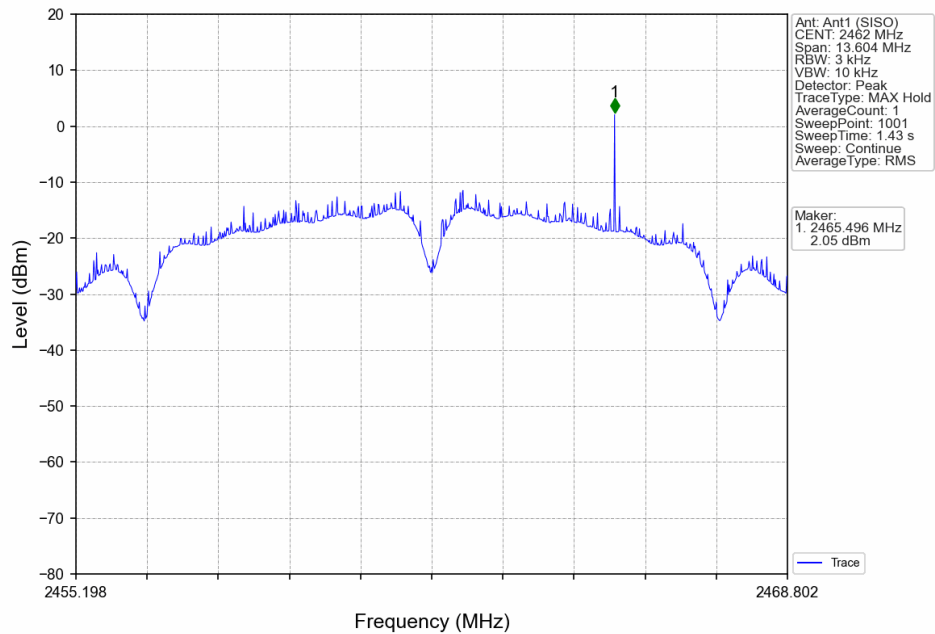
3.1 Test Result

Mode	TX Type	Frequency (MHz)	Maximum PSD (dBm/3kHz)		Verdict
			ANT1	Limit	
802.11b	SISO	2412	3.47	<=8	Pass
		2437	5.29	<=8	Pass
		2462	2.05	<=8	Pass
802.11g	SISO	2412	-13.62	<=8	Pass
		2437	-13.92	<=8	Pass
		2462	-13.61	<=8	Pass
802.11n (HT20)	SISO	2412	-12.25	<=8	Pass
		2437	-12.23	<=8	Pass
		2462	-12.95	<=8	Pass
802.11n (HT40)	SISO	2422	-17.61	<=8	Pass
		2437	-16.86	<=8	Pass
		2452	-17.33	<=8	Pass

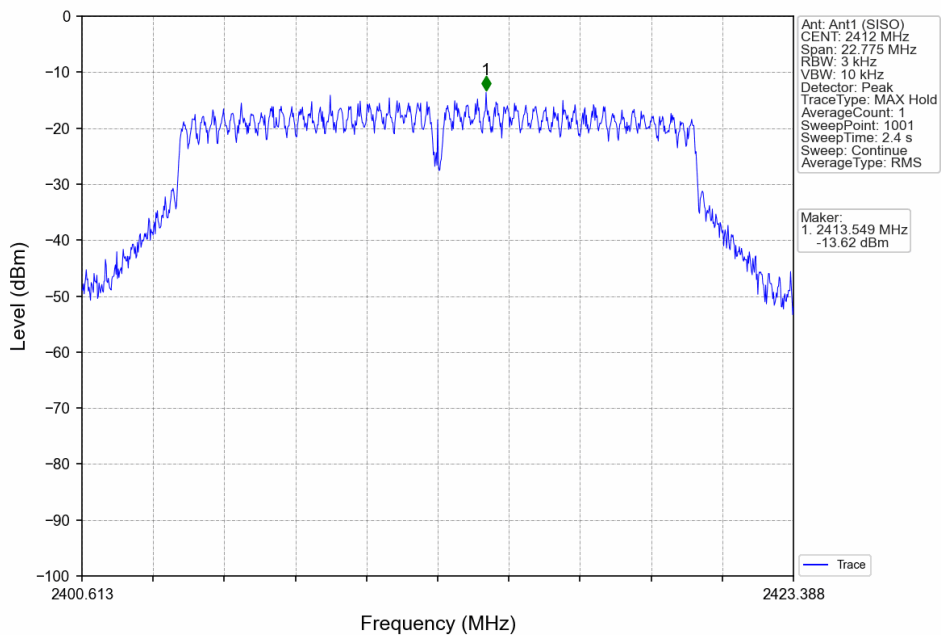
3.2 Test Graph



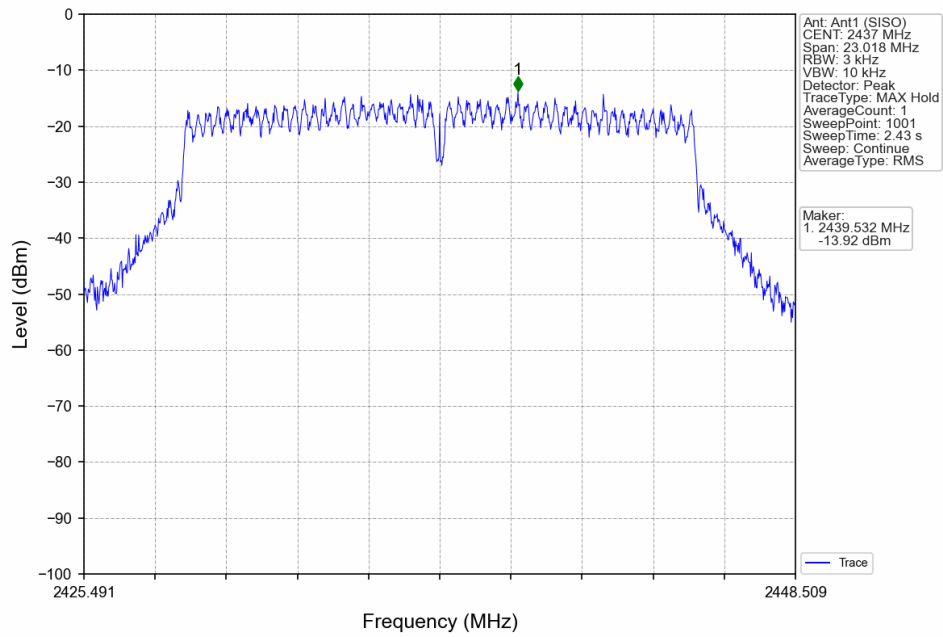
802.11b_HCH_2462MHz_Ant1 (SISO)_NTNV



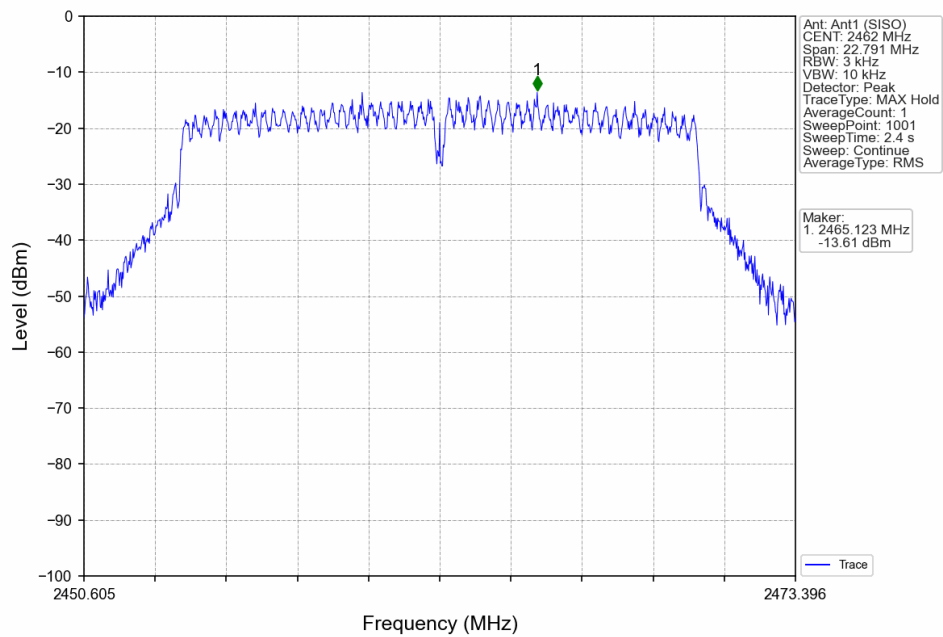
802.11g_LCH_2412MHz_Ant1 (SISO)_NTNV



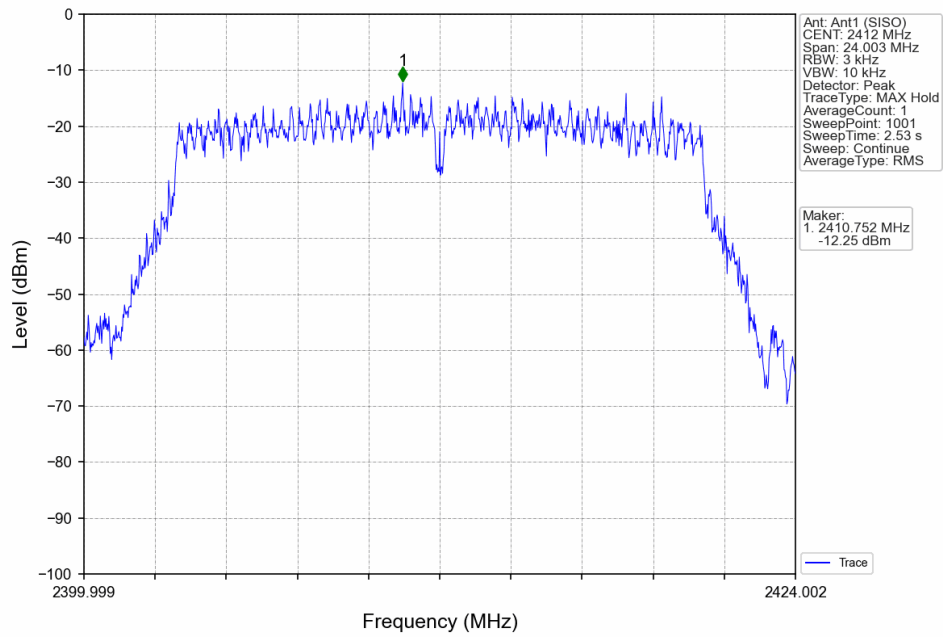
802.11g_MCH_2437MHz_Ant1 (SISO)_NTNV



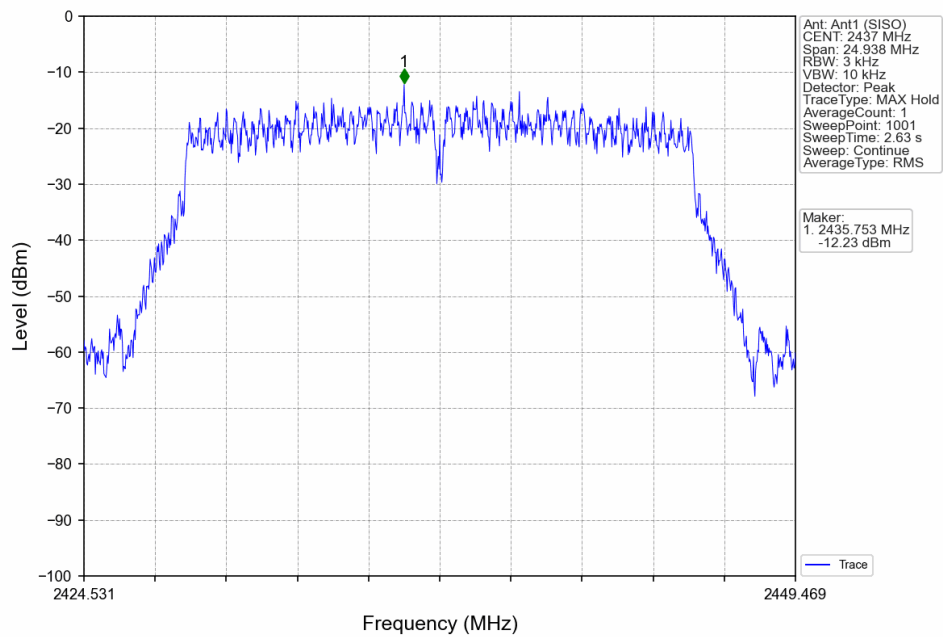
802.11g_HCH_2462MHz_Ant1 (SISO)_NTNV



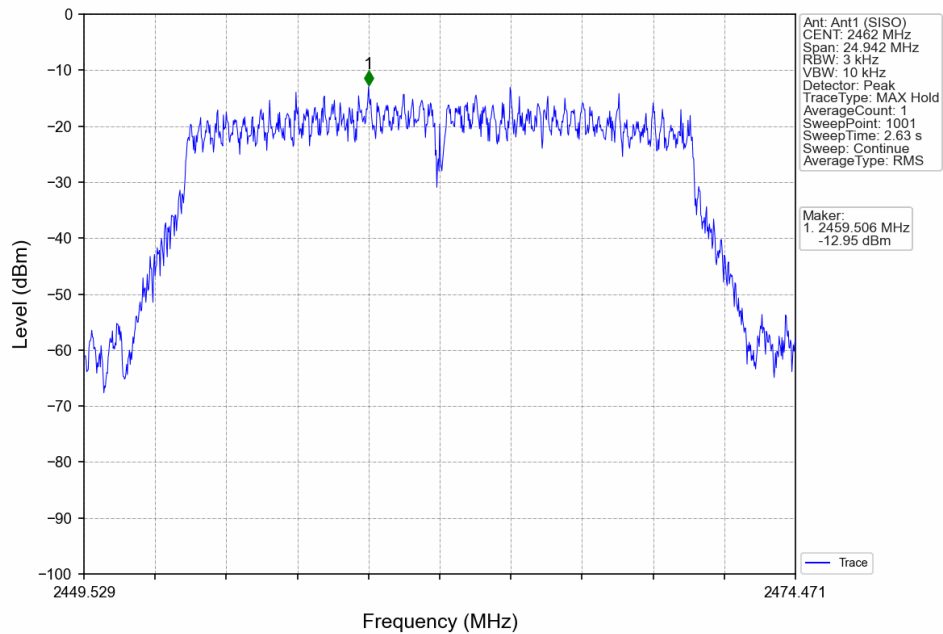
802.11n(HT20)_LCH_2412MHz_Ant1 (SISO)_NTNV



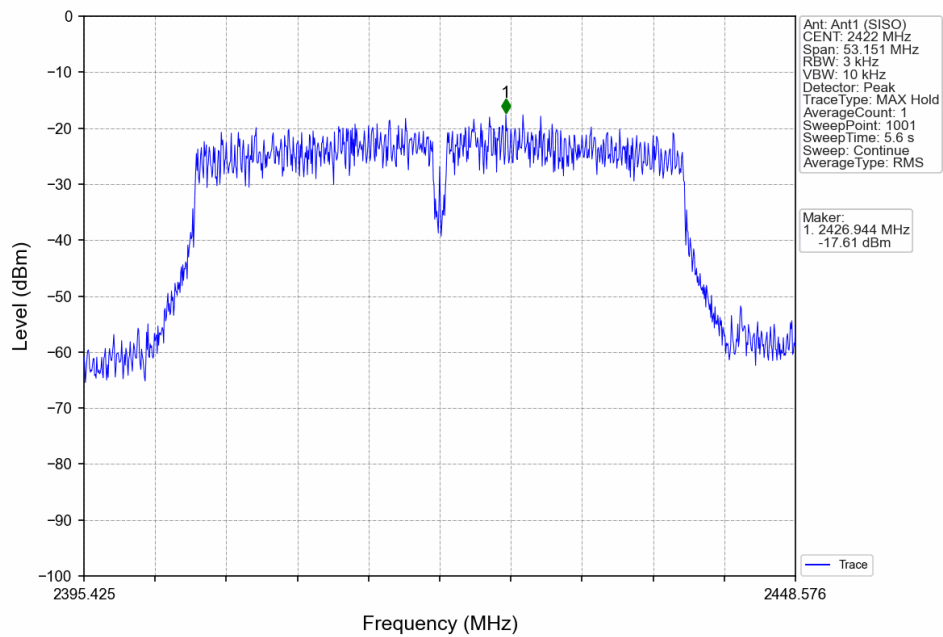
802.11n(HT20)_MCH_2437MHz_Ant1 (SISO)_NTNV



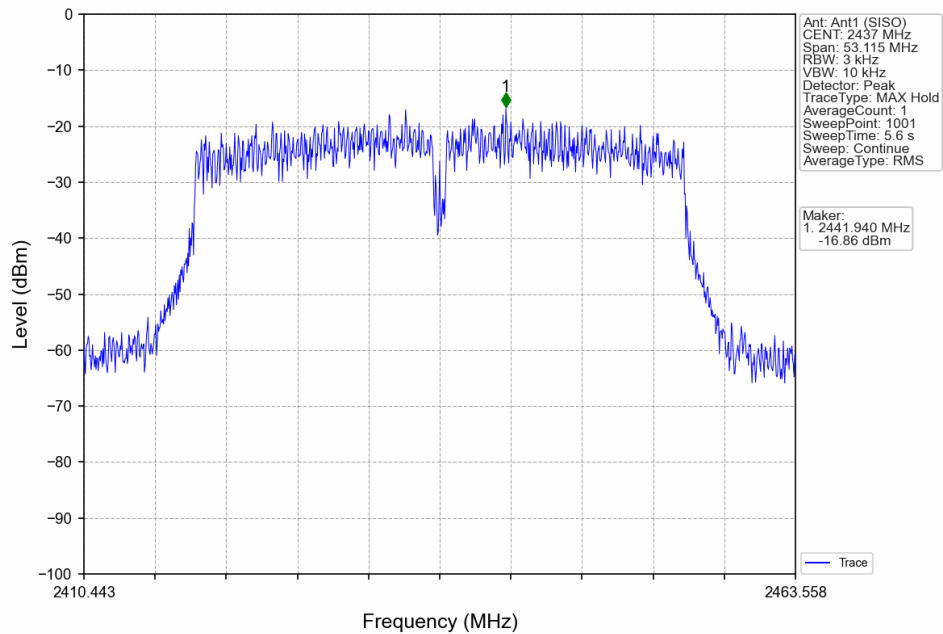
802.11n(HT20)_HCH_2462MHz_Ant1 (SISO)_NTNV



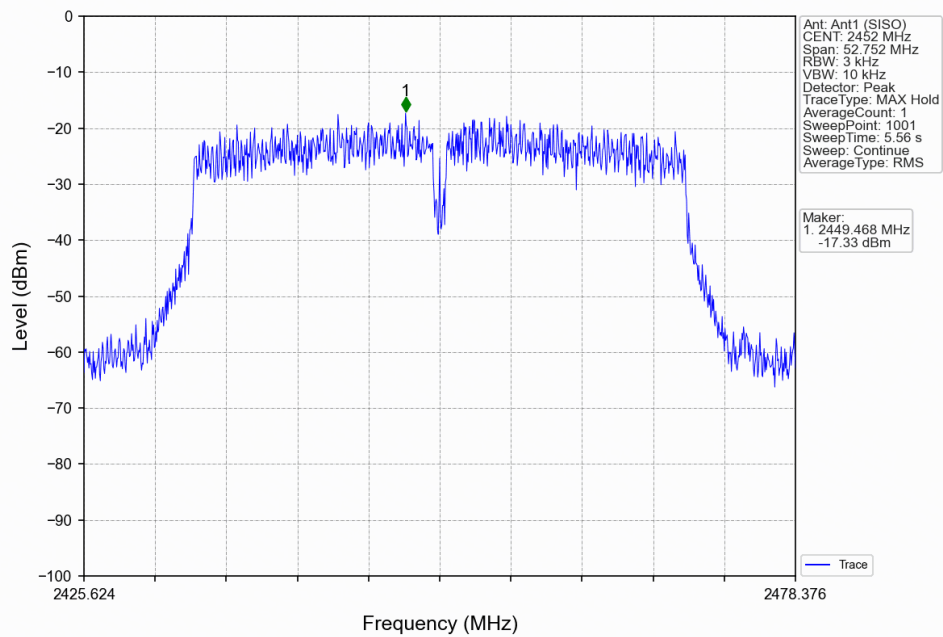
802.11n(HT40)_LCH_2422MHz_Ant1 (SISO)_NTNV



802.11n(HT40)_MCH_2437MHz_Ant1 (SISO)_NTNV



802.11n(HT40)_HCH_2452MHz_Ant1 (SISO)_NTNV



4. Unwanted Emissions In Non-restricted Frequency Bands

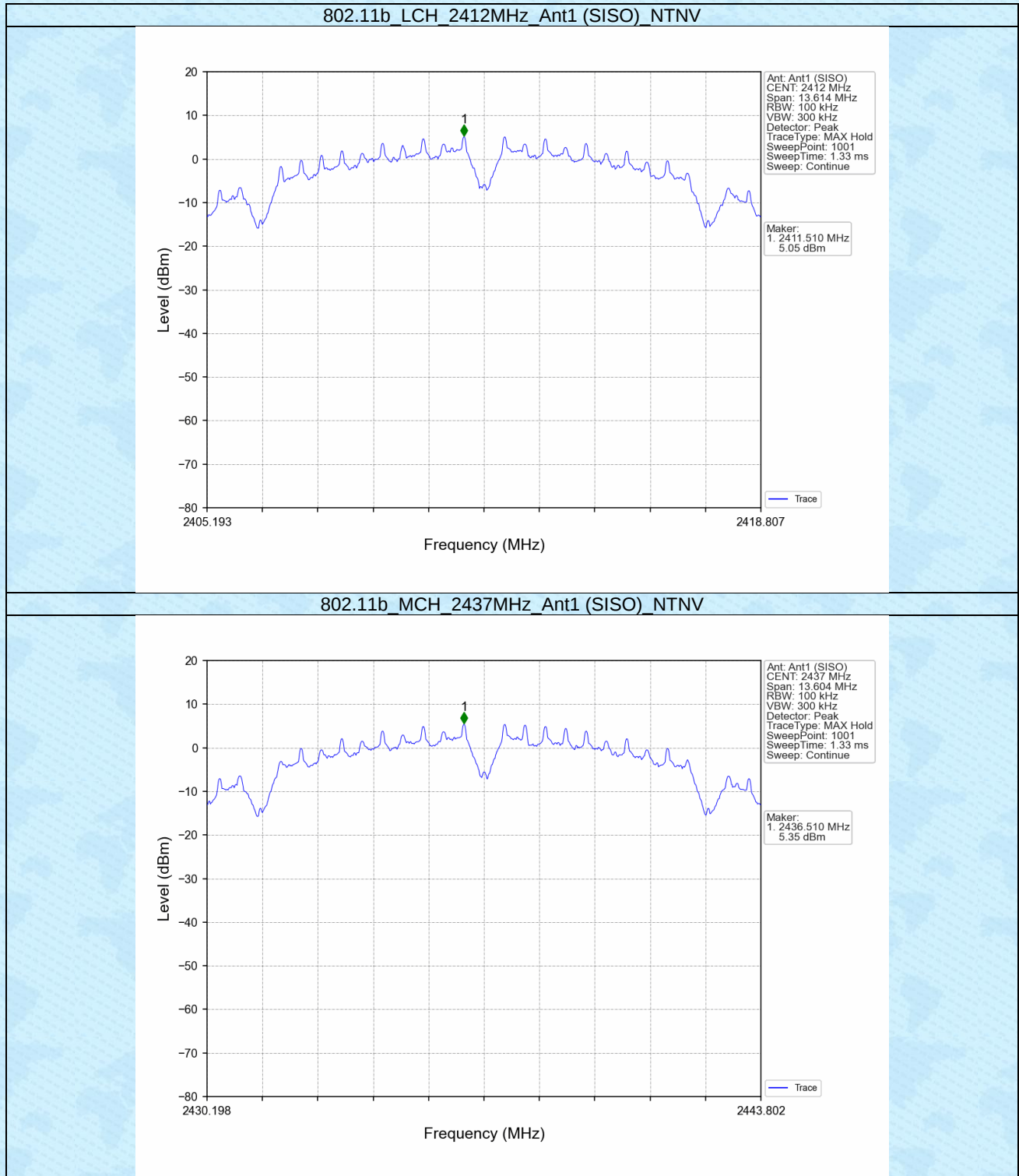
4.1 Ref

4.1.1 Test Result

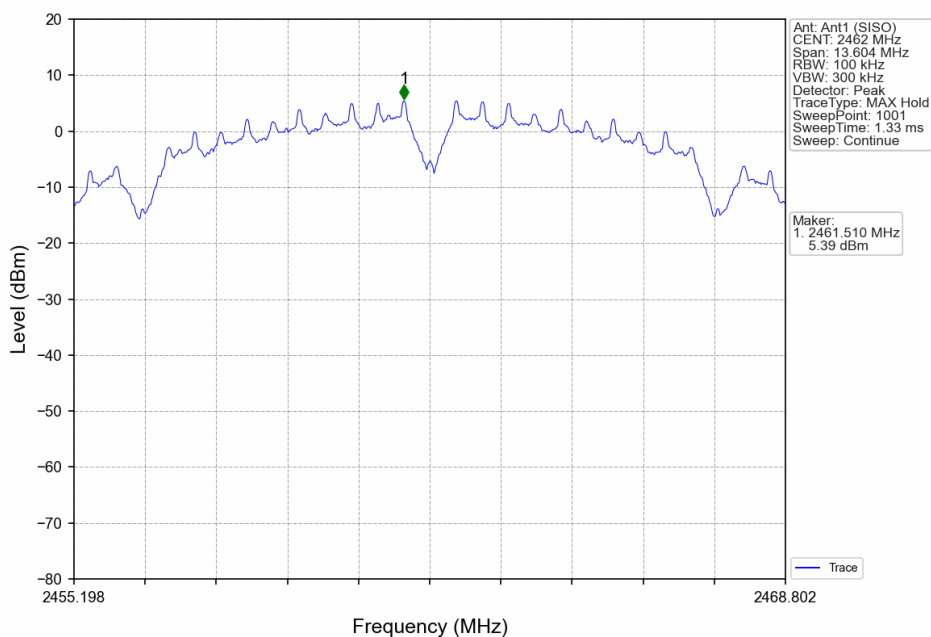
Mode	TX Type	Frequency (MHz)	ANT	Level of Reference (dBm)
802.11b	SISO	2412	1	5.05
		2437	1	5.35
		2462	1	5.39
802.11g	SISO	2412	1	2.83
		2437	1	3.10
		2462	1	2.35
802.11n (HT20)	SISO	2412	1	2.88
		2437	1	3.34
		2462	1	3.40
802.11n (HT40)	SISO	2422	1	-0.17
		2437	1	-0.06
		2452	1	0.17

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.

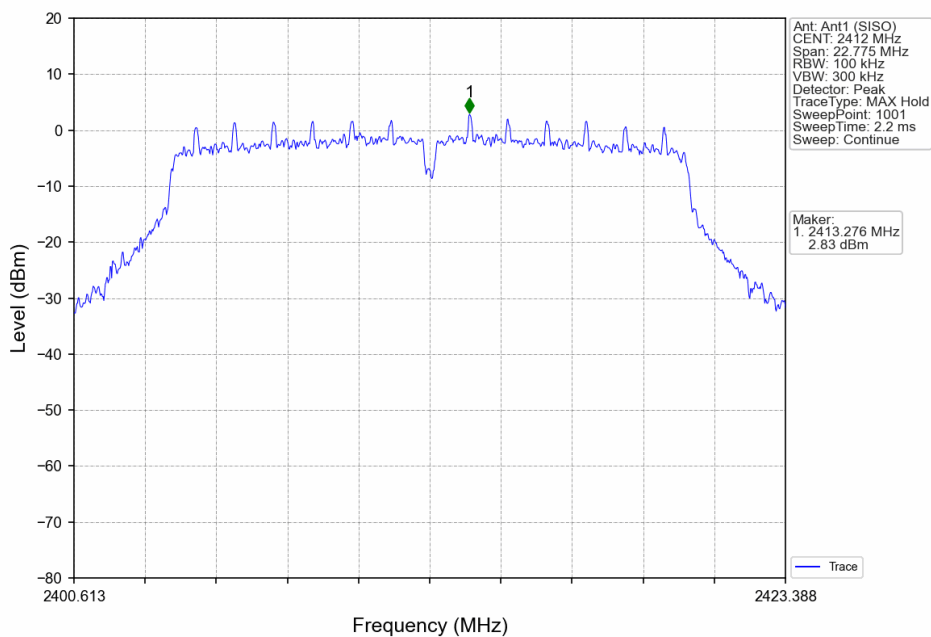
4.1.2 Test Graph



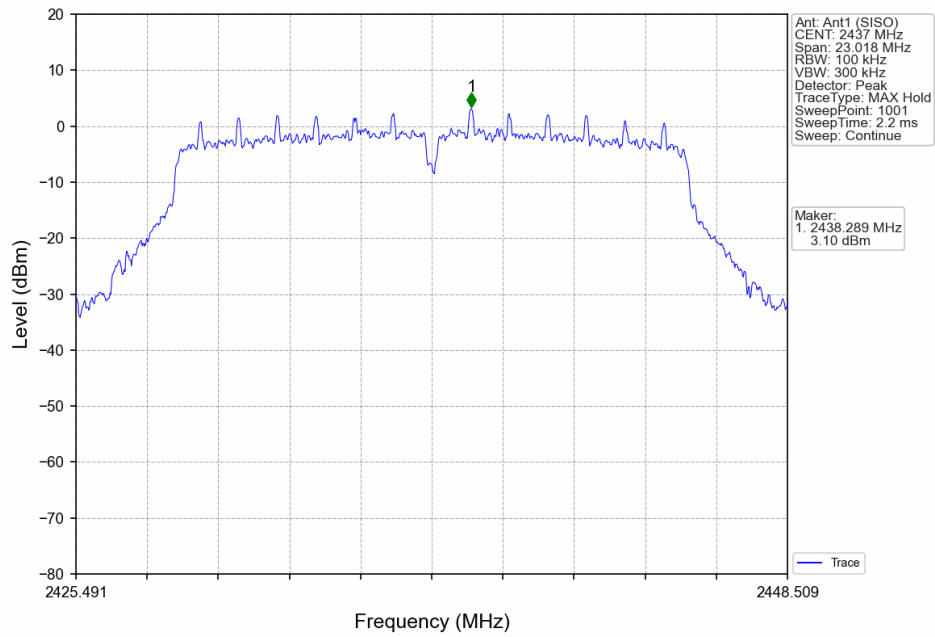
802.11b_HCH_2462MHz_Ant1 (SISO)_NTNV



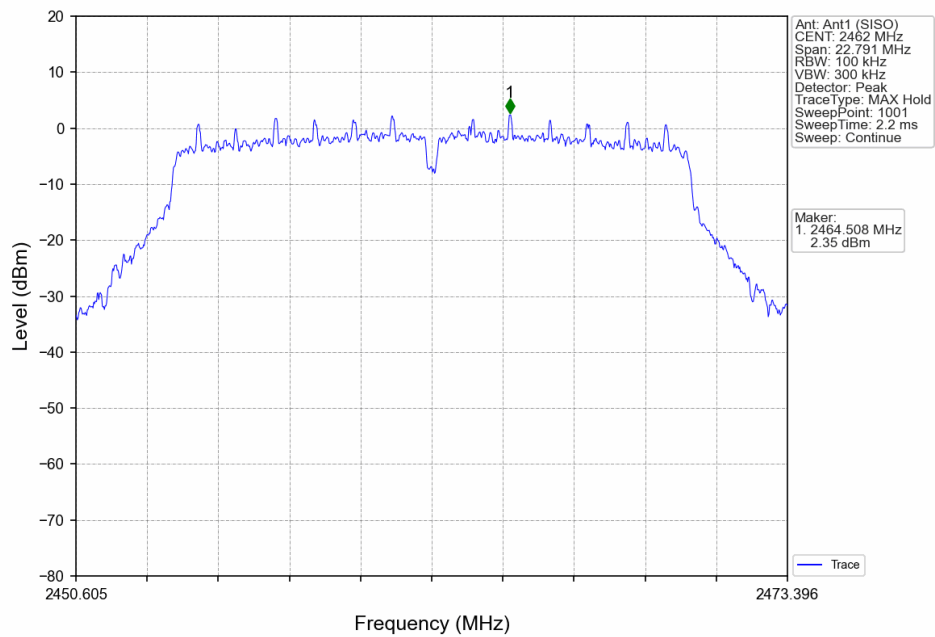
802.11g_LCH_2412MHz_Ant1 (SISO)_NTNV



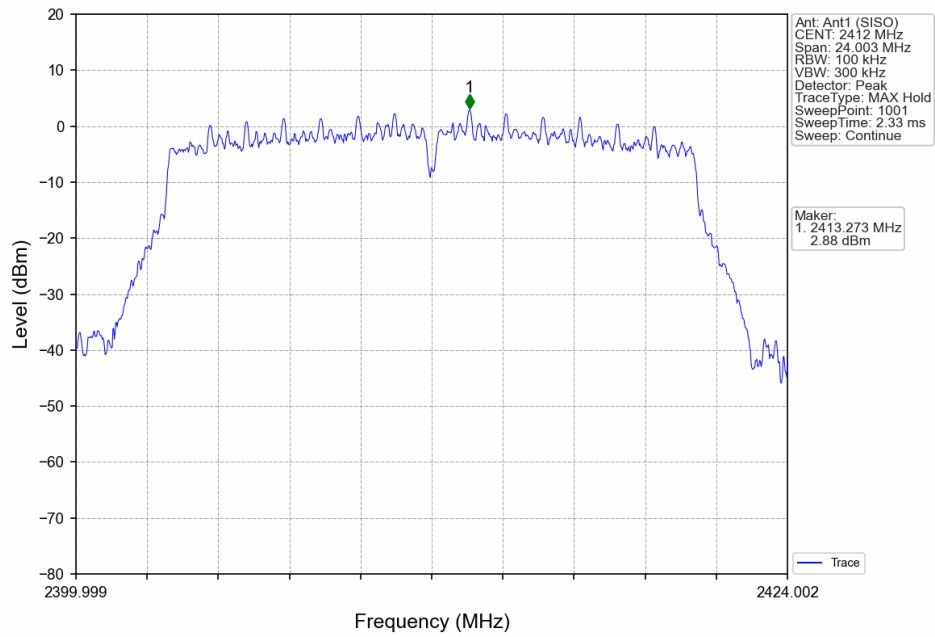
802.11g_MCH_2437MHz_Ant1 (SISO)_NTNV



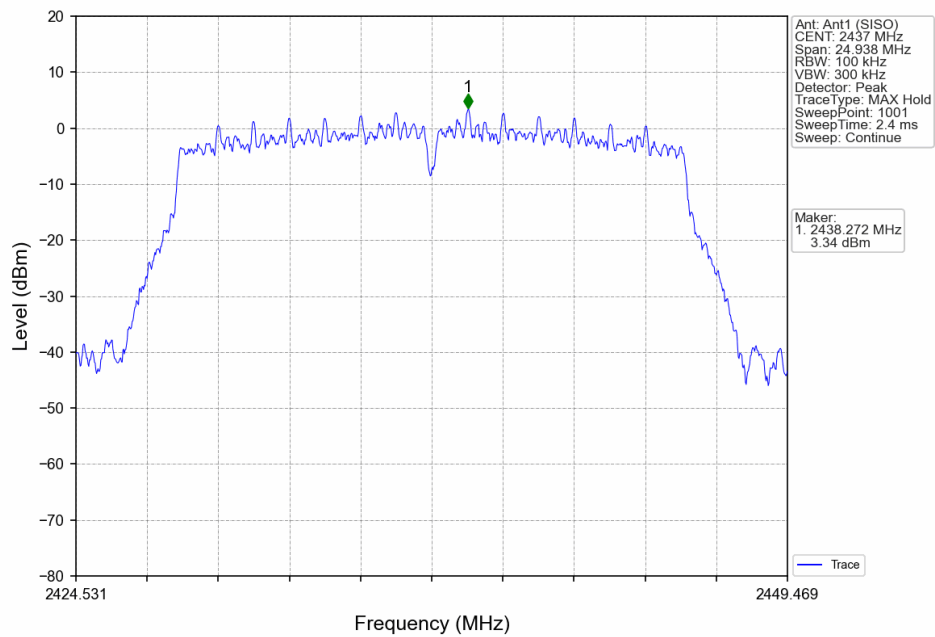
802.11g_HCH_2462MHz_Ant1 (SISO)_NTNV



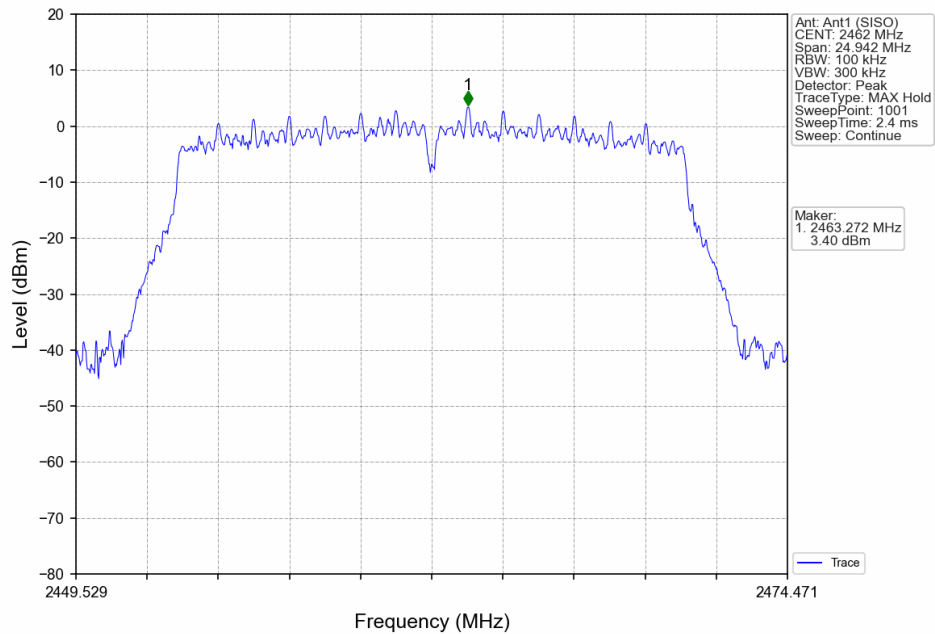
802.11n(HT20)_LCH_2412MHz_Ant1 (SISO)_NTNV



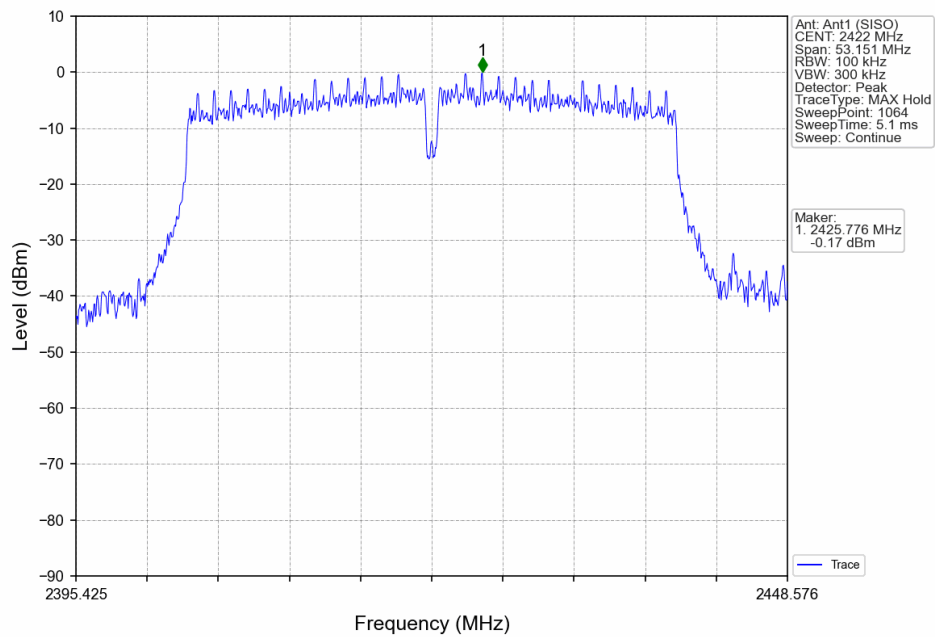
802.11n(HT20)_MCH_2437MHz_Ant1 (SISO)_NTNV



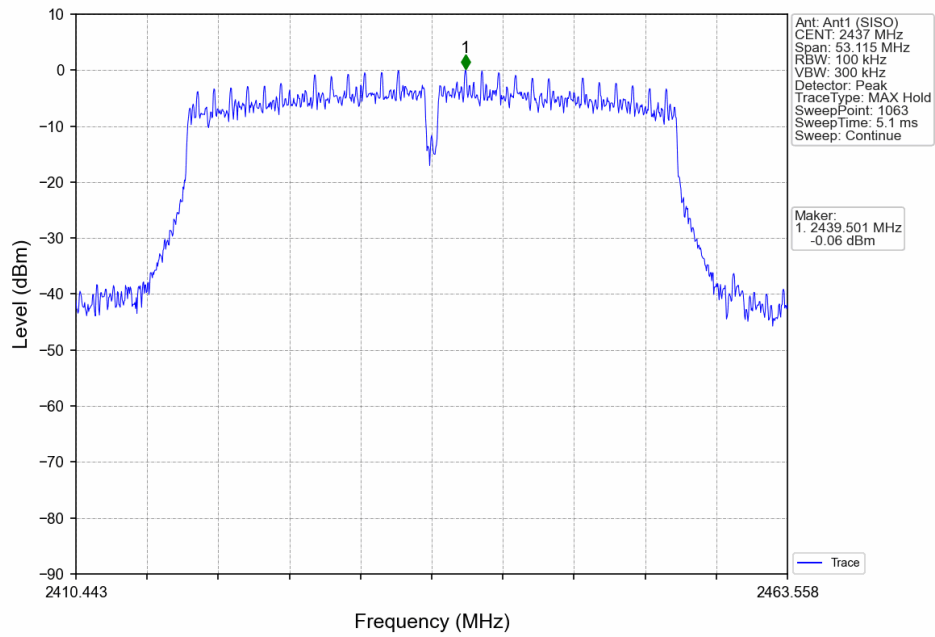
802.11n(HT20)_HCH_2462MHz_Ant1 (SISO)_NTNV



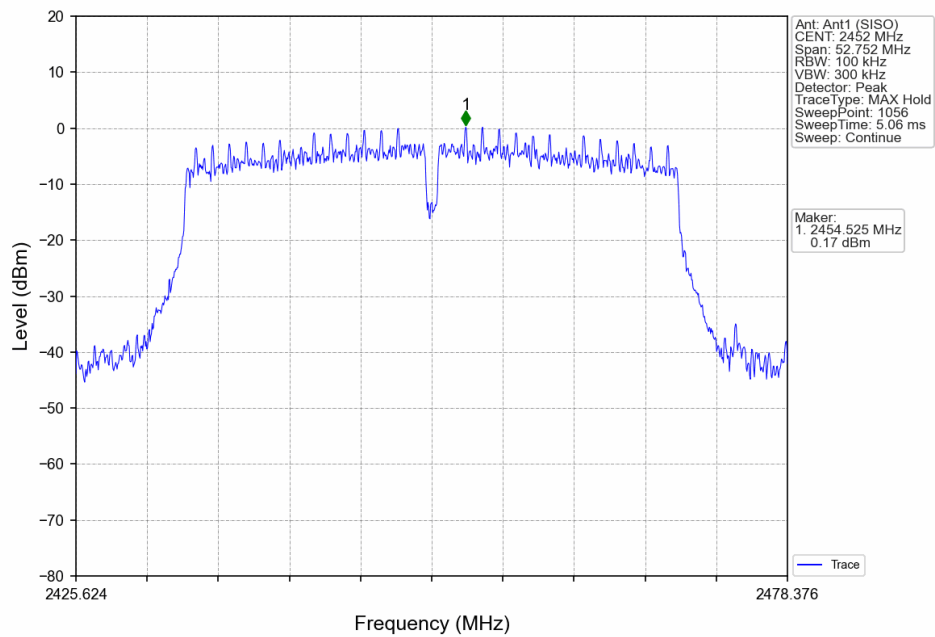
802.11n(HT40)_LCH_2422MHz_Ant1 (SISO)_NTNV



802.11n(HT40)_MCH_2437MHz_Ant1 (SISO)_NTNV



802.11n(HT40)_HCH_2452MHz_Ant1 (SISO)_NTNV



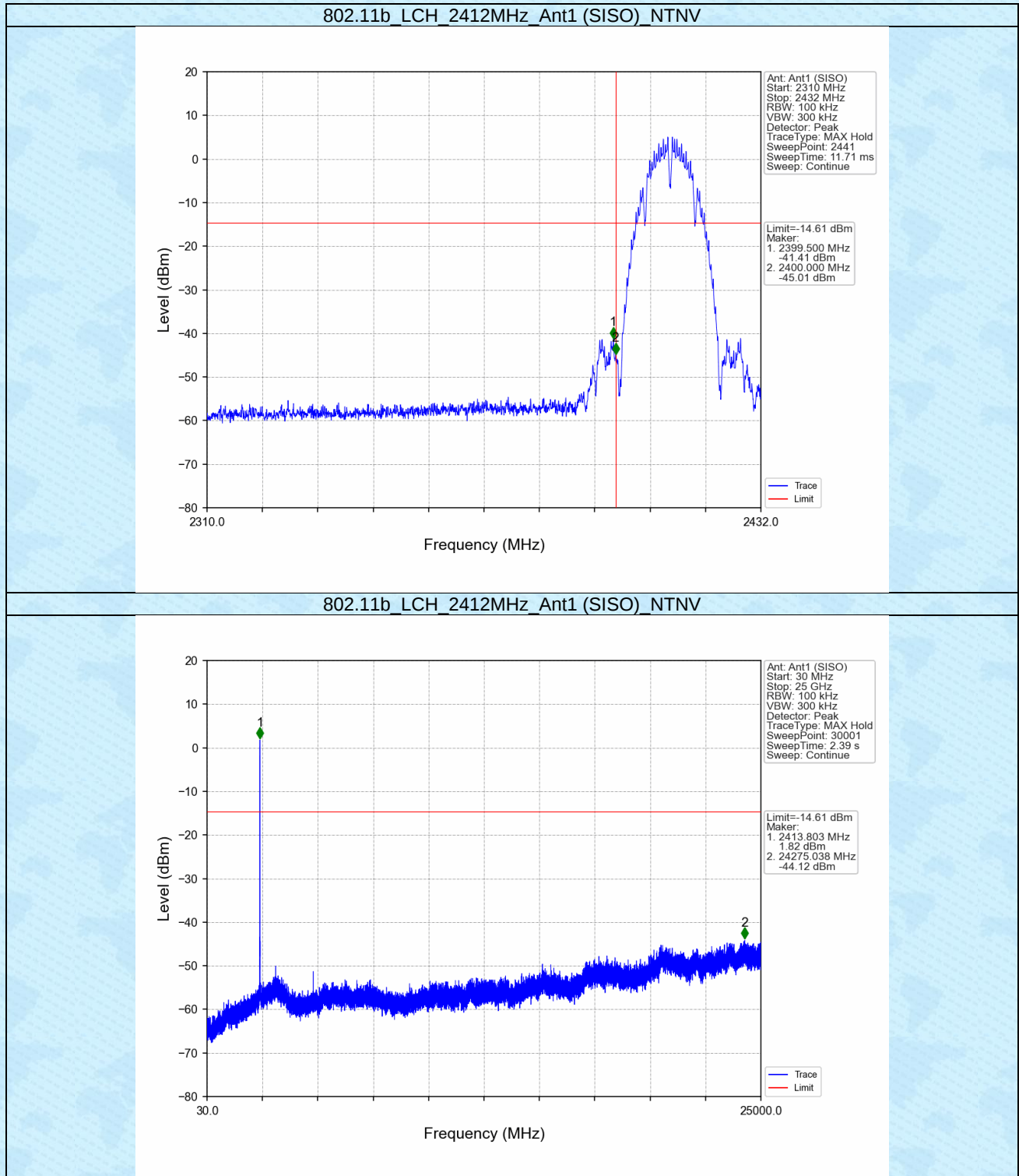
4.2 CSE

4.2.1 Test Result

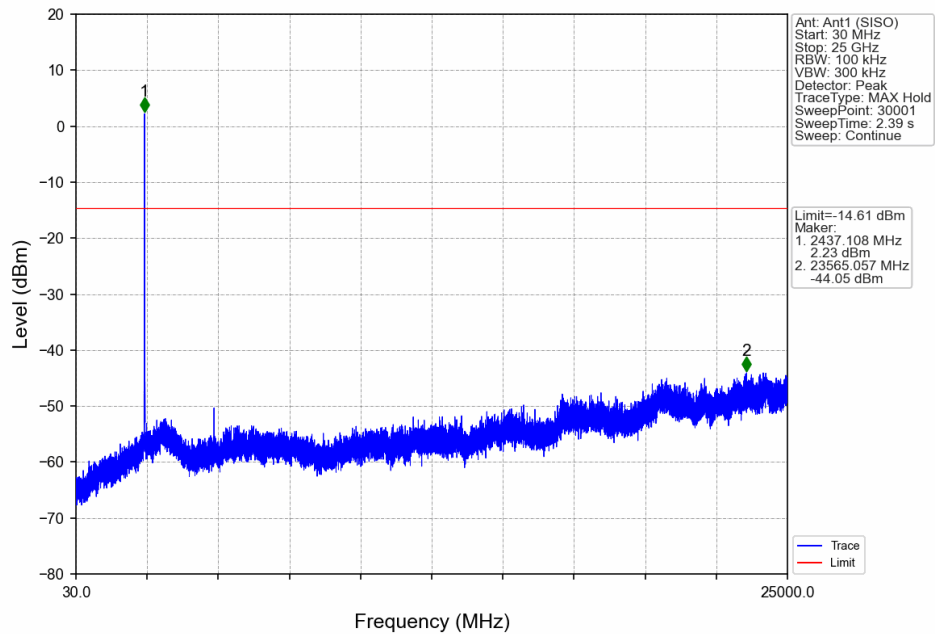
Mode	TX Type	Frequency (MHz)	ANT	Level of Reference (dBm)	Limit (dBm)	Verdict
802.11b	SISO	2412	1	5.39	-14.61	Pass
		2437	1	5.39	-14.61	Pass
		2462	1	5.39	-14.61	Pass
802.11g	SISO	2412	1	3.10	-16.90	Pass
		2437	1	3.10	-16.90	Pass
		2462	1	3.10	-16.90	Pass
802.11n (HT20)	SISO	2412	1	3.40	-16.60	Pass
		2437	1	3.40	-16.60	Pass
		2462	1	3.40	-16.60	Pass
802.11n (HT40)	SISO	2422	1	0.17	-19.83	Pass
		2437	1	0.17	-19.83	Pass
		2452	1	0.17	-19.83	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.

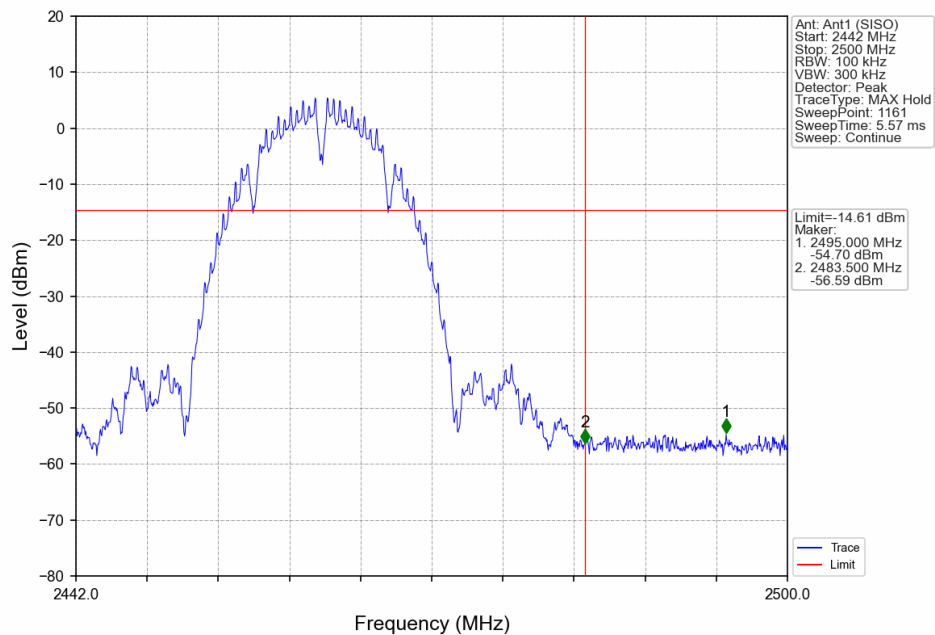
4.2.2 Test Graph



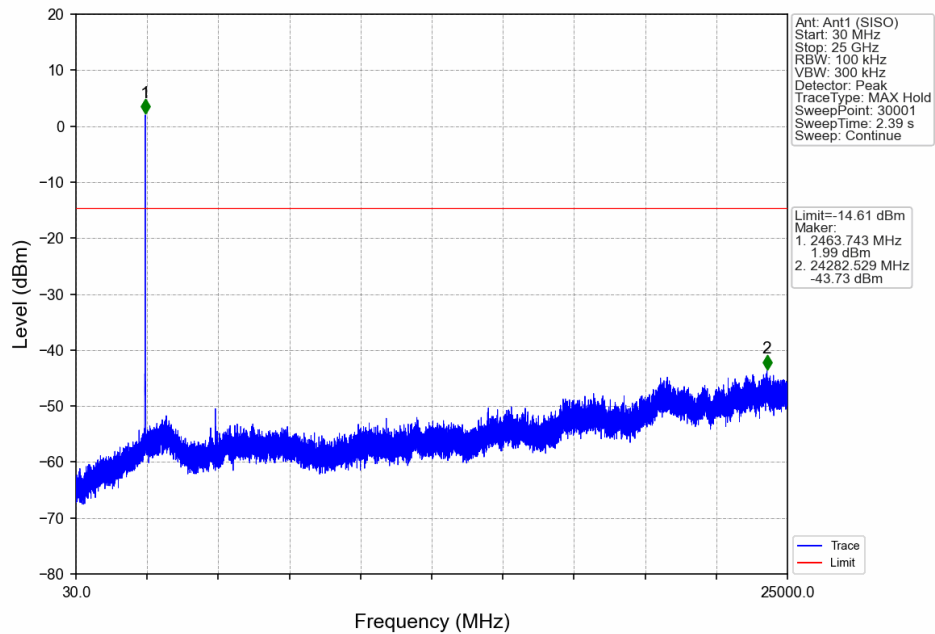
802.11b_MCH_2437MHz_Ant1 (SISO)_NTNV



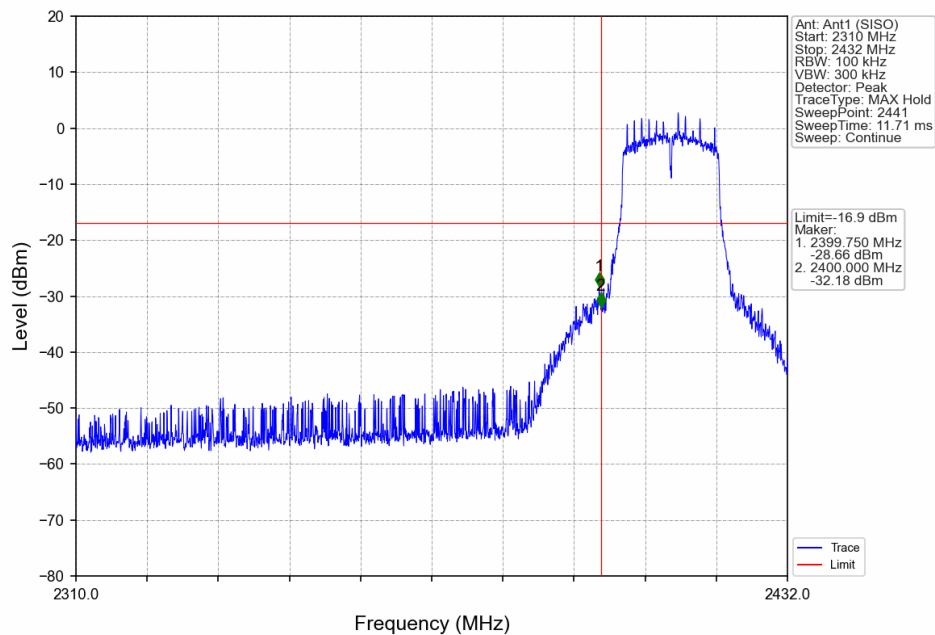
802.11b_HCH_2462MHz_Ant1 (SISO)_NTNV



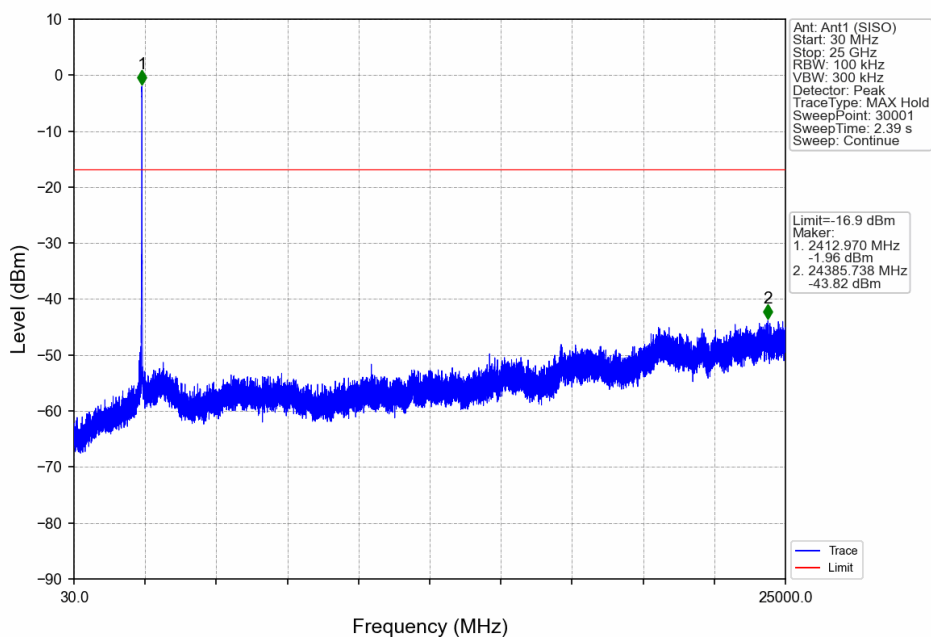
802.11b_HCH_2462MHz_Ant1 (SISO)_NTNV



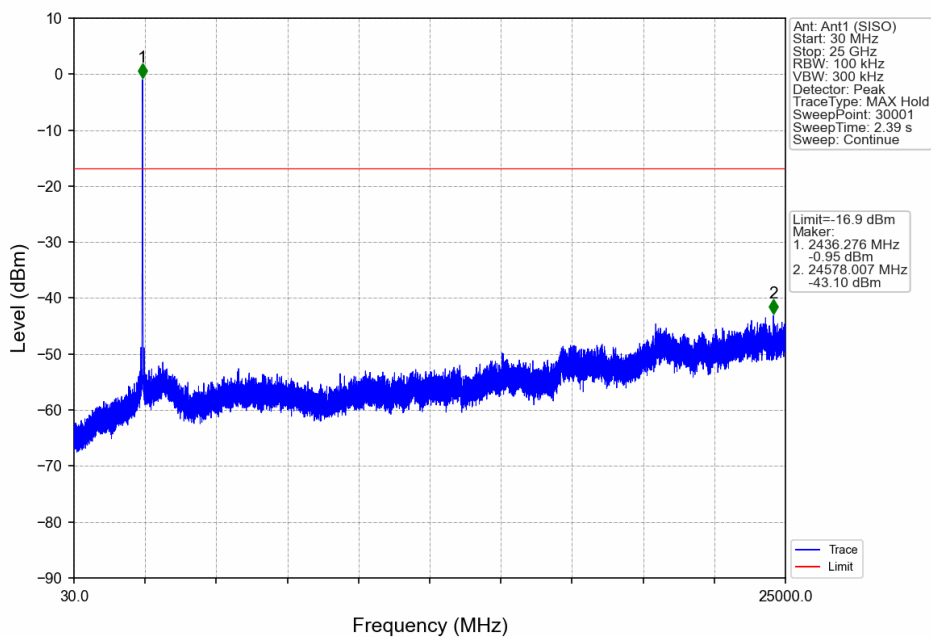
802.11g_LCH_2412MHz_Ant1 (SISO)_NTNV



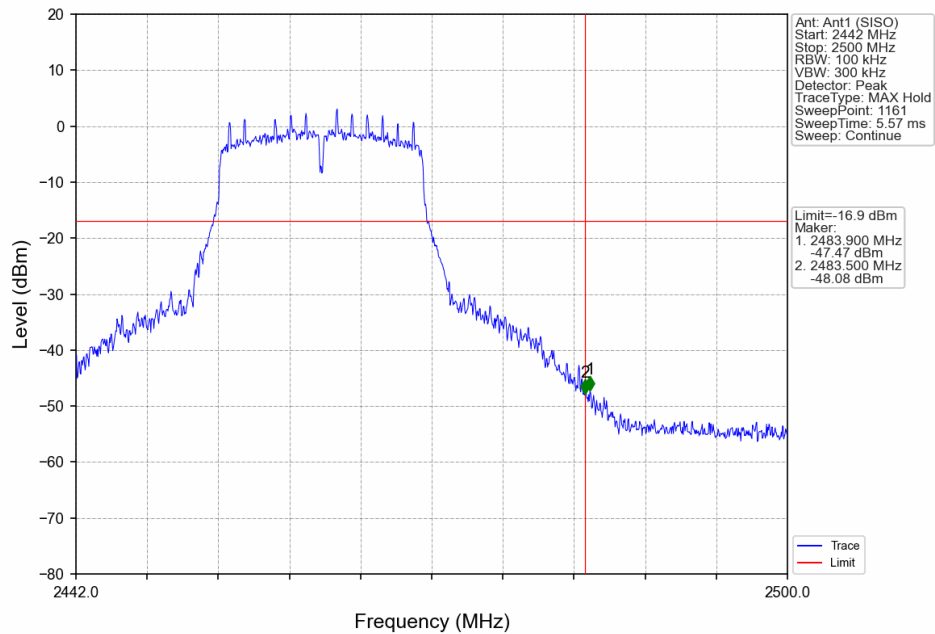
802.11g_LCH_2412MHz_Ant1 (SISO)_NTNV



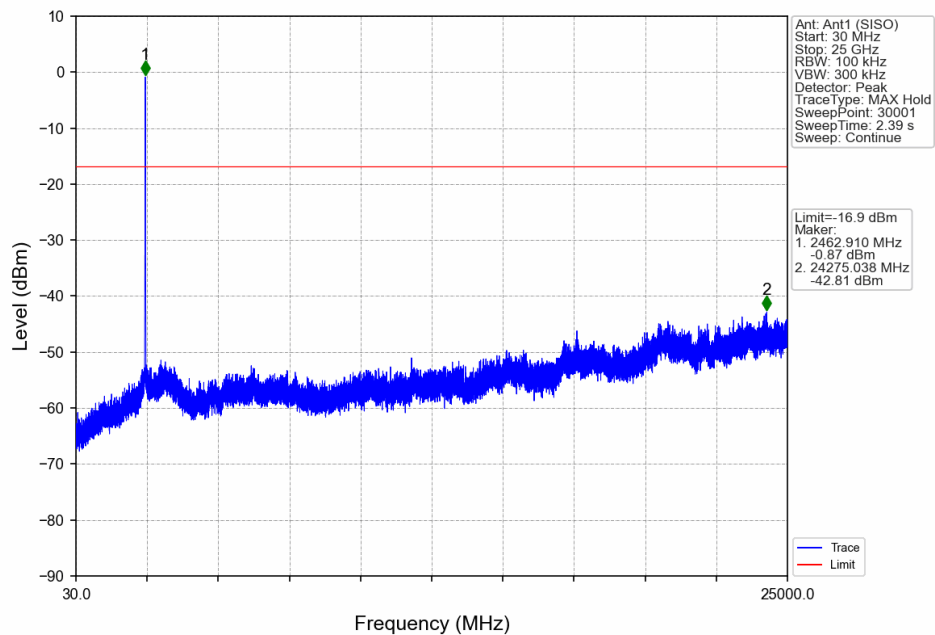
802.11g_MCH_2437MHz_Ant1 (SISO)_NTNV



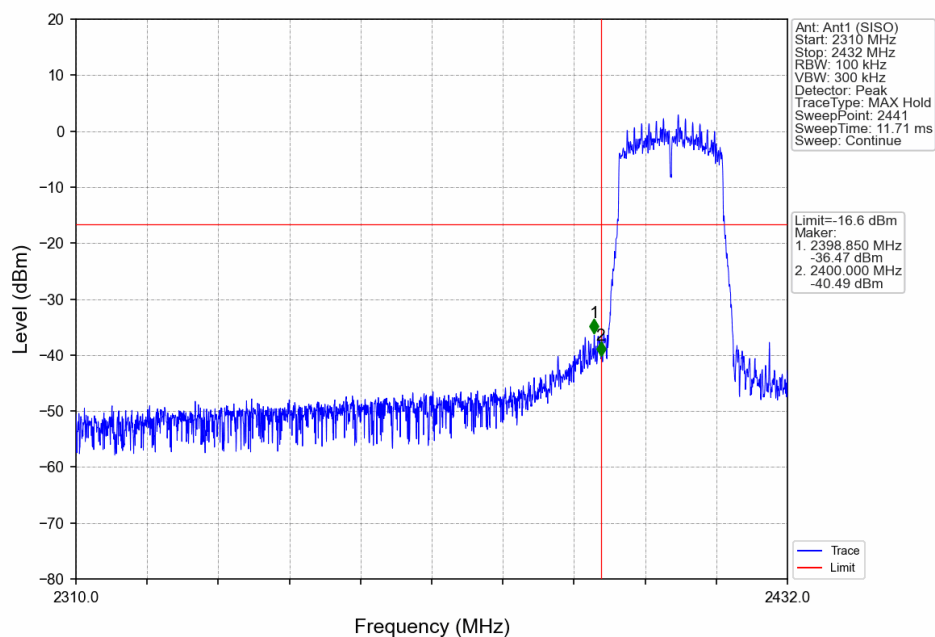
802.11g_HCH_2462MHz_Ant1 (SISO)_NTNV



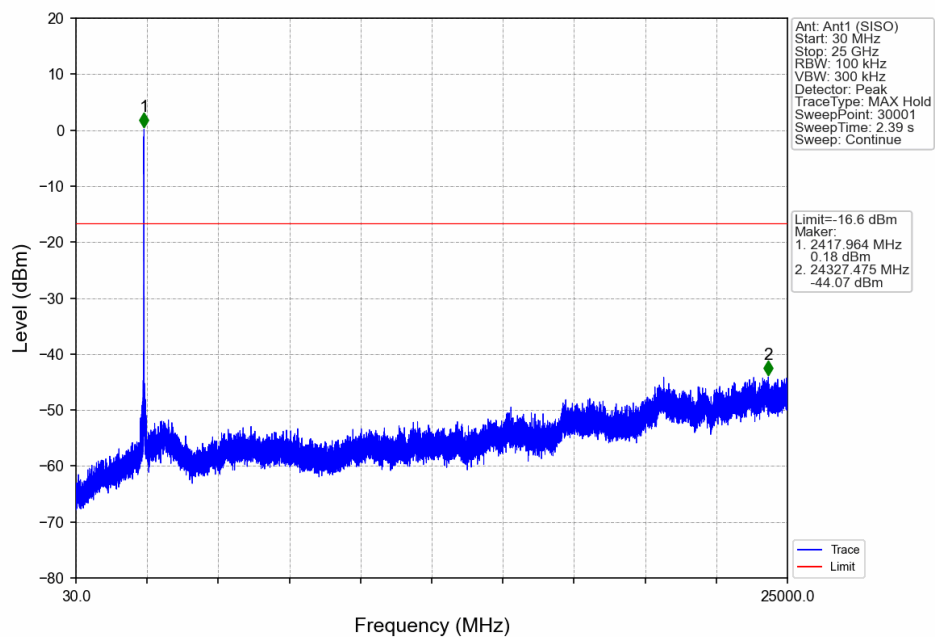
802.11g_HCH_2462MHz_Ant1 (SISO)_NTNV



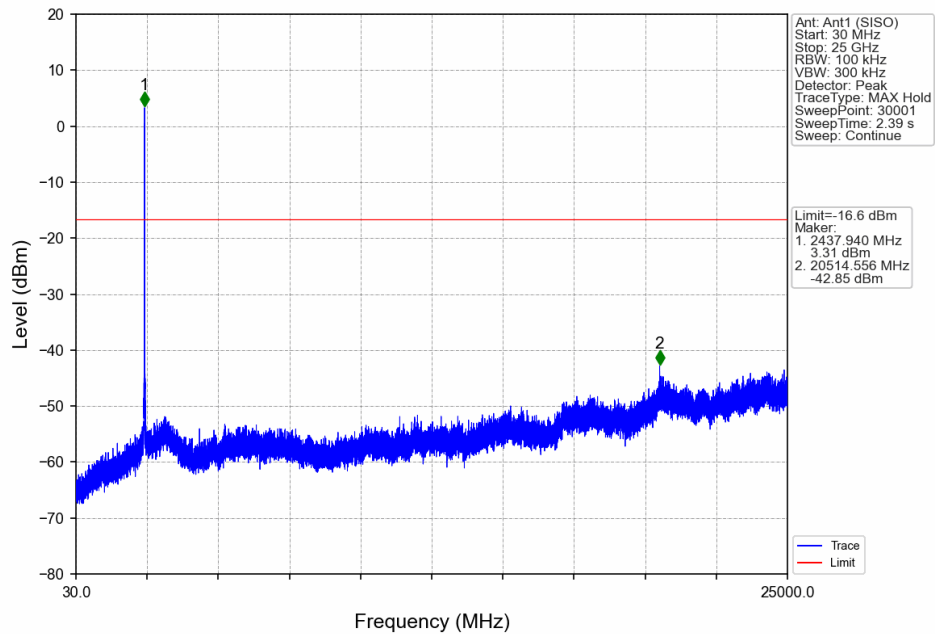
802.11n(HT20)_LCH_2412MHz_Ant1 (SISO)_NTNV



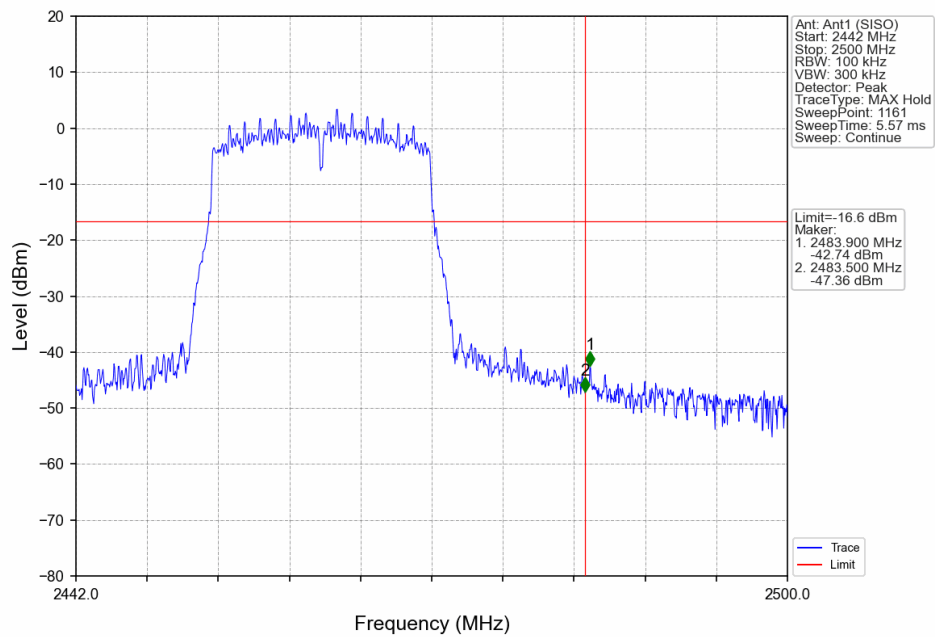
802.11n(HT20)_LCH_2412MHz_Ant1 (SISO)_NTNV



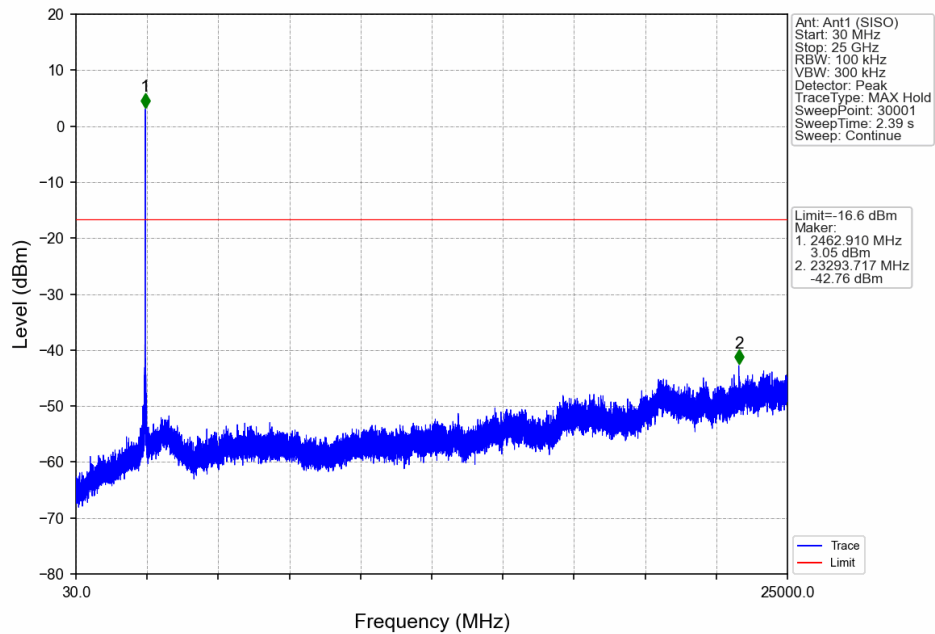
802.11n(HT20)_MCH_2437MHz_Ant1 (SISO)_NTNV



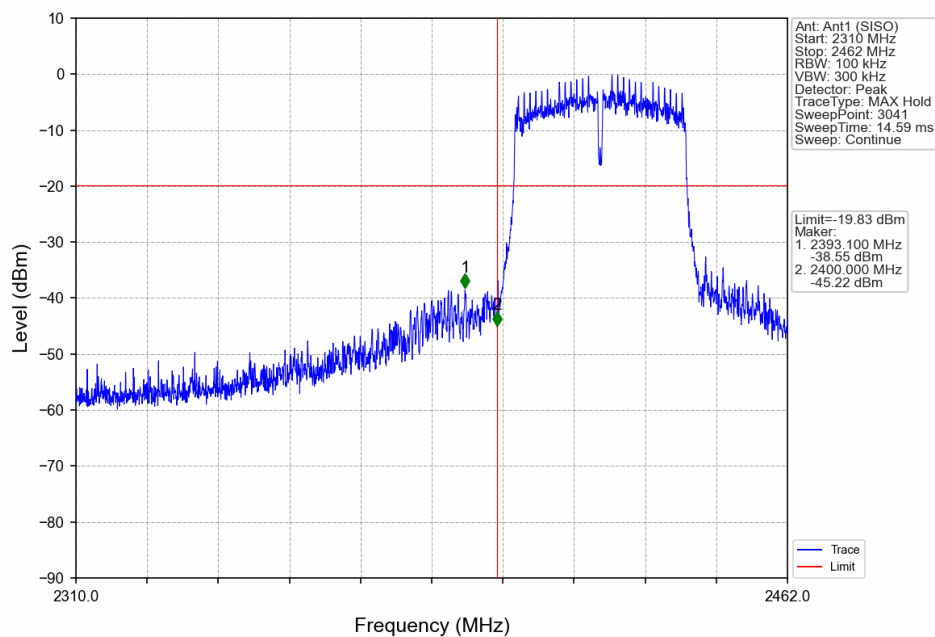
802.11n(HT20)_HCH_2462MHz_Ant1 (SISO)_NTNV



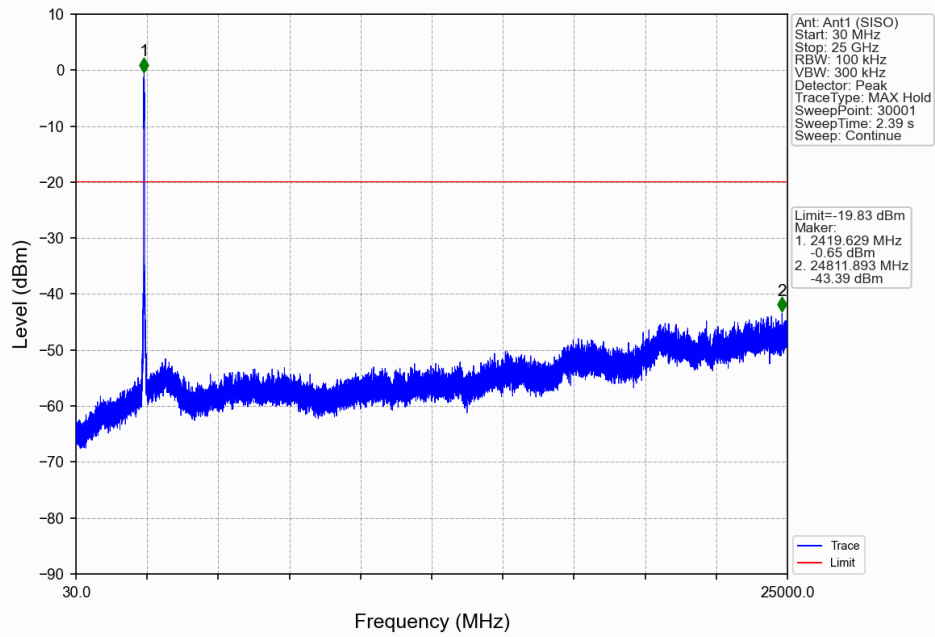
802.11n(HT20)_HCH_2462MHz_Ant1 (SISO)_NTNV



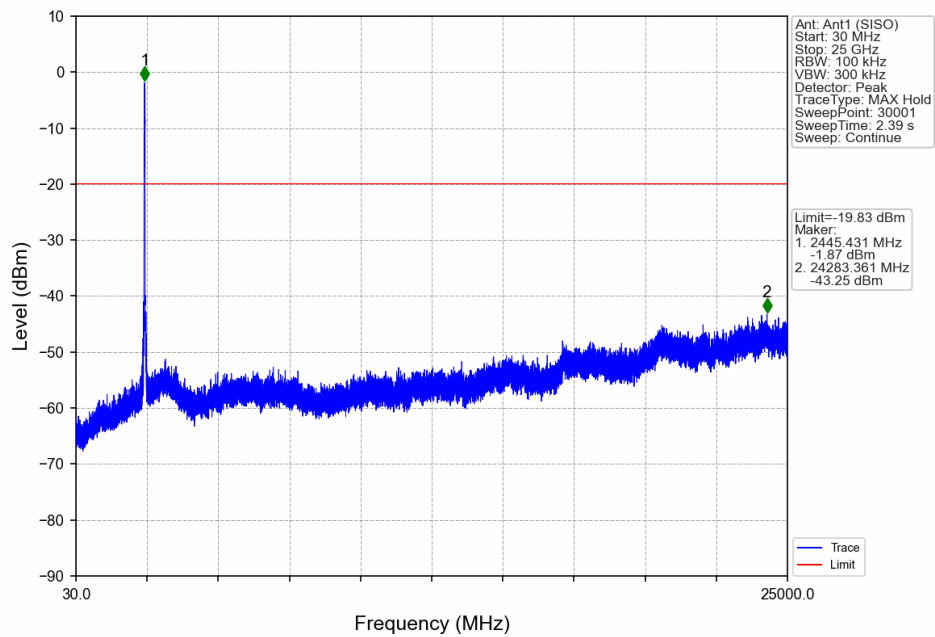
802.11n(HT40)_LCH_2422MHz_Ant1 (SISO)_NTNV



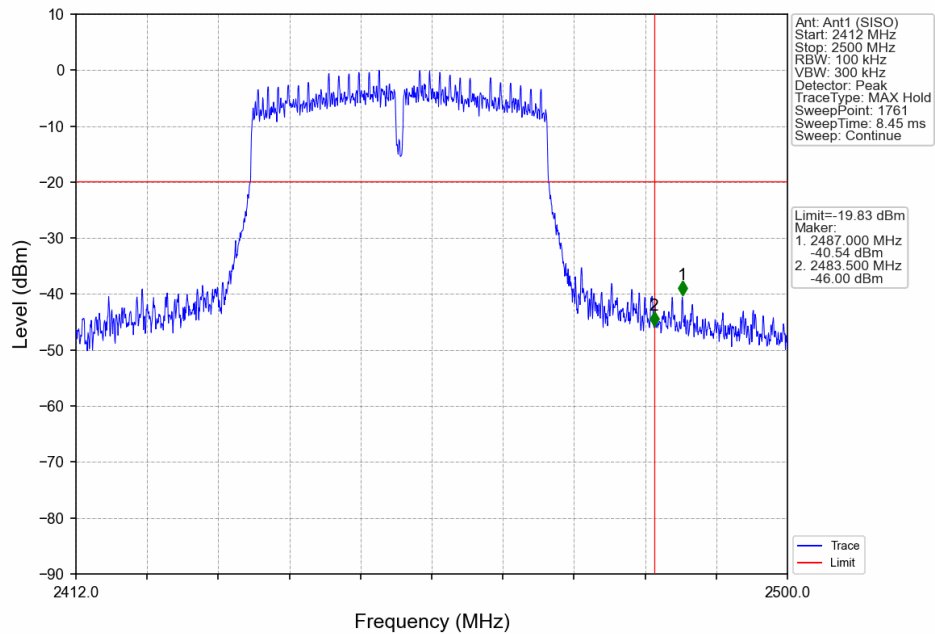
802.11n(HT40)_LCH_2422MHz_Ant1 (SISO)_NTNV



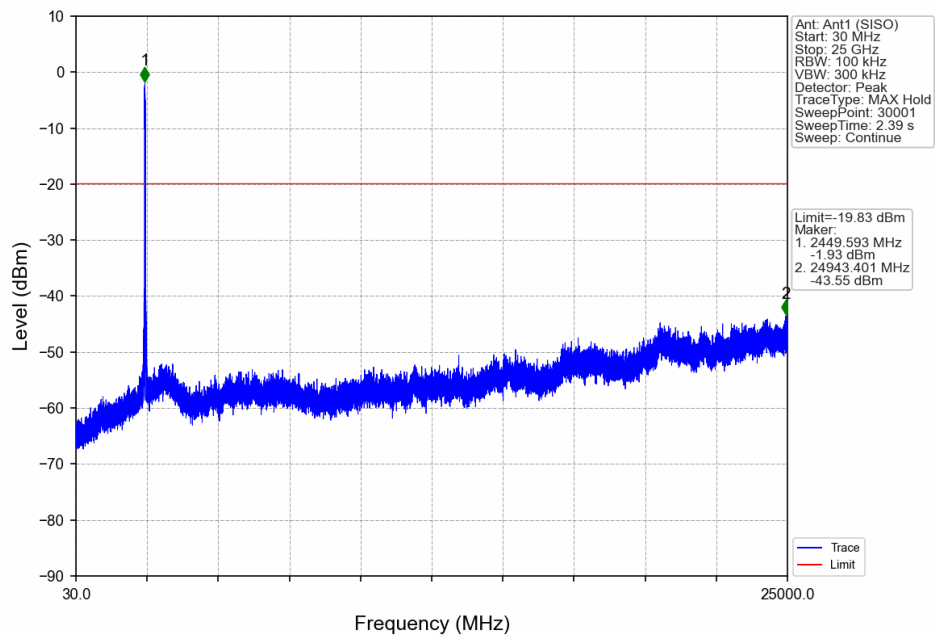
802.11n(HT40)_MCH_2437MHz_Ant1 (SISO)_NTNV



802.11n(HT40)_HCH_2452MHz_Ant1 (SISO)_NTNV



802.11n(HT40)_HCH_2452MHz_Ant1 (SISO)_NTNV



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