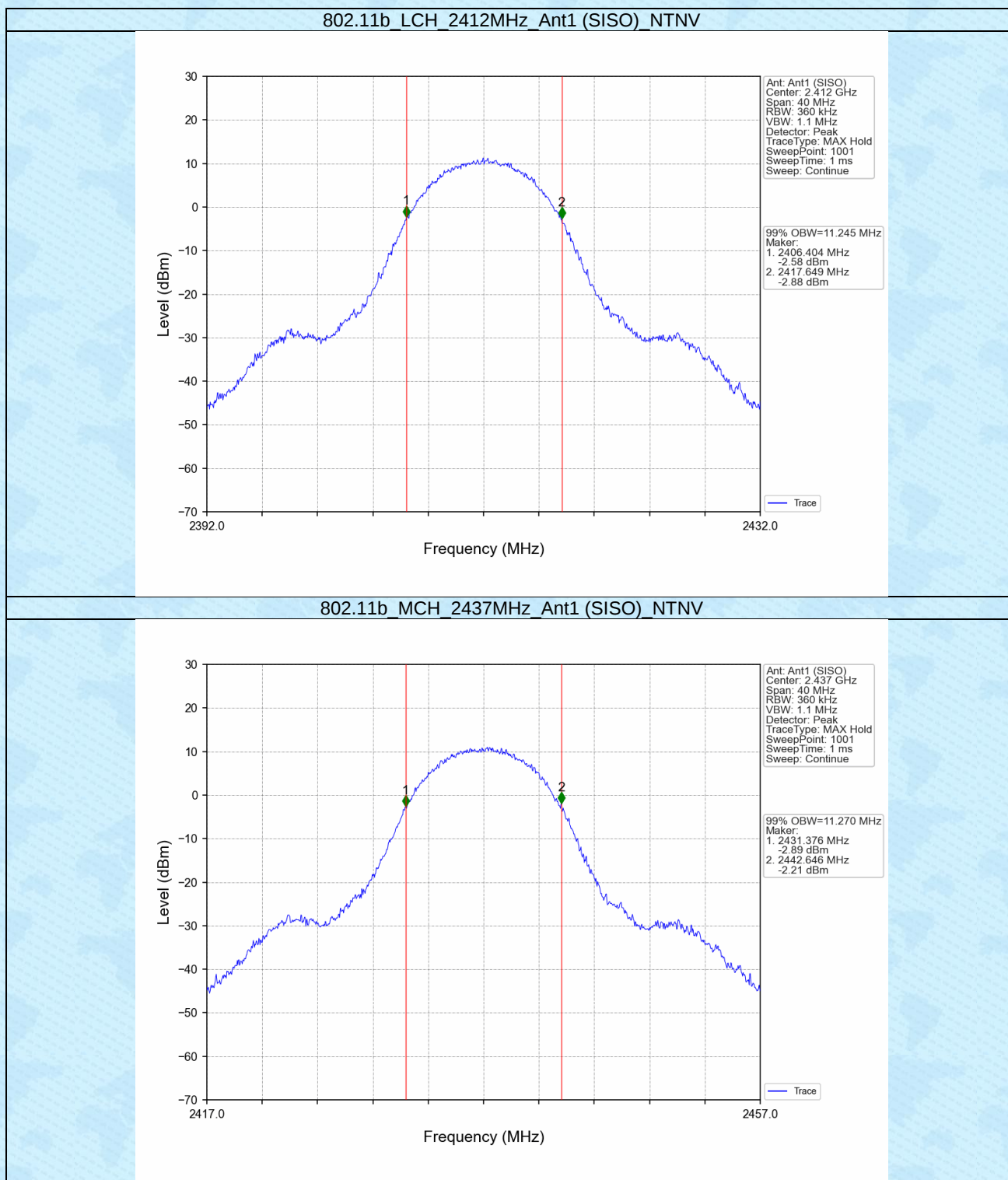


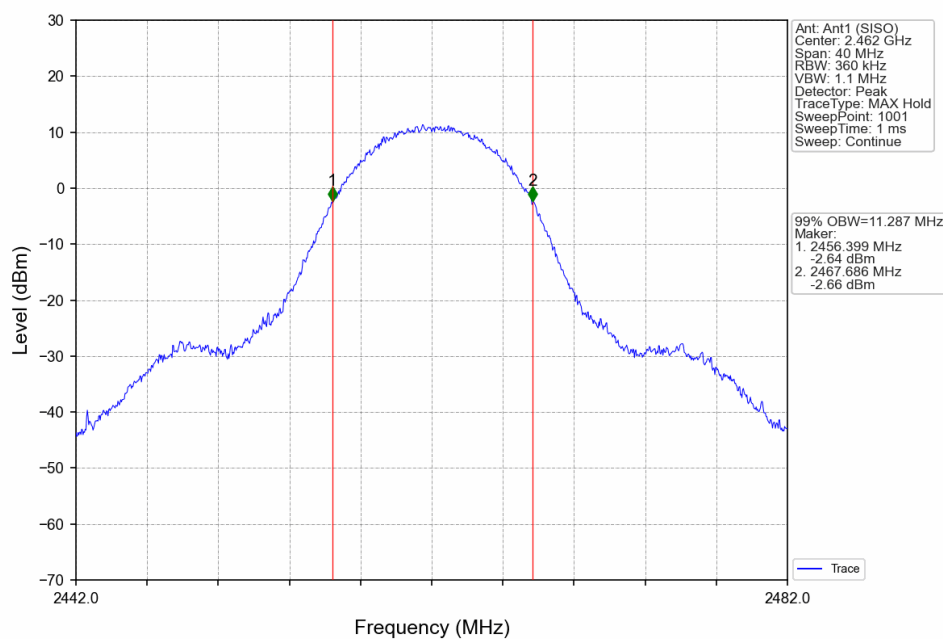
Appendix for 15.247**1. Bandwidth****1.1 OBW****1.1.1 Test Result**

Mode	TX Type	Frequency (MHz)	ANT	99% Occupied Bandwidth (MHz)	Verdict
				Result	
802.11b	SISO	2412	1	11.245	Pass
		2437	1	11.270	Pass
		2462	1	11.287	Pass
802.11g	SISO	2412	1	16.762	Pass
		2437	1	16.743	Pass
		2462	1	16.557	Pass
802.11n (HT20)	SISO	2412	1	18.298	Pass
		2437	1	18.229	Pass
		2462	1	18.038	Pass

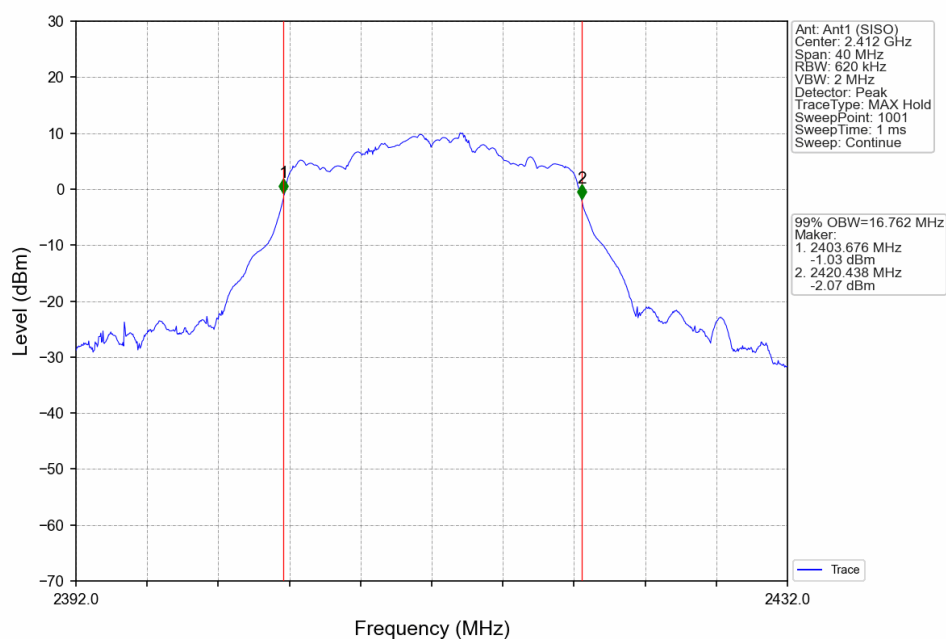
1.1.2 Test Graph



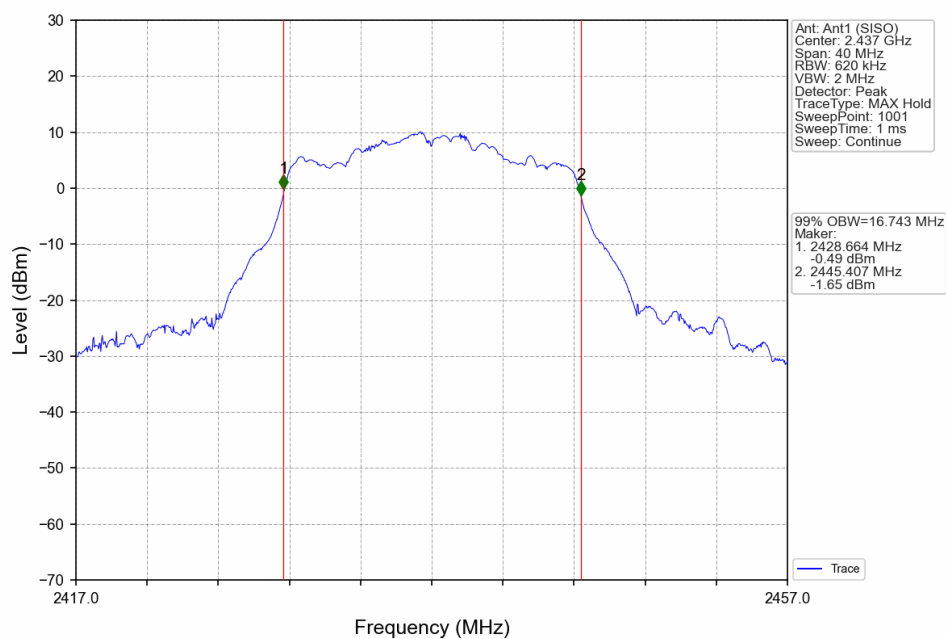
802.11b_HCH_2462MHz_Ant1 (SISO)_NTNV



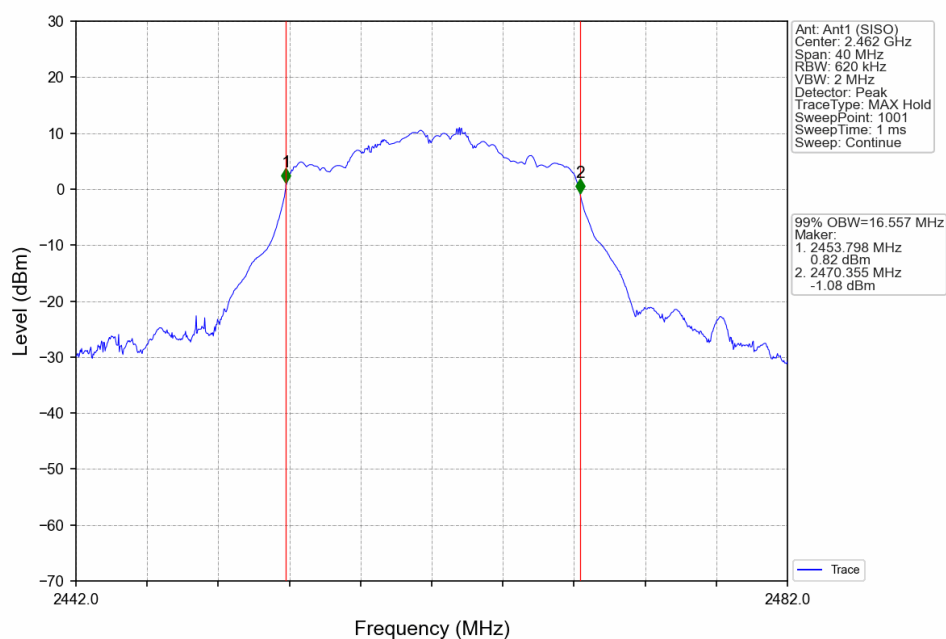
802.11g_LCH_2412MHz_Ant1 (SISO)_NTNV



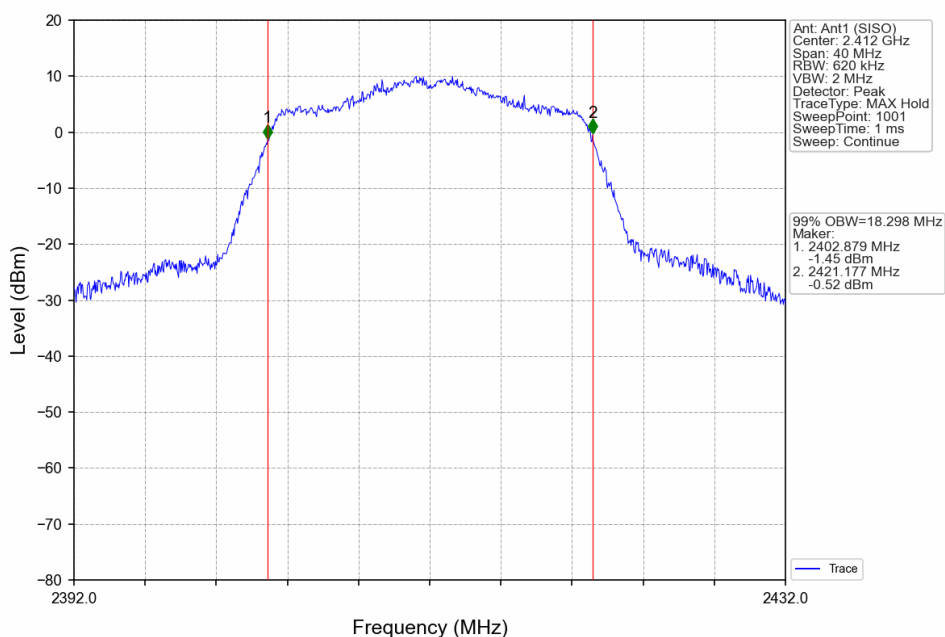
802.11g_MCH_2437MHz_Ant1 (SISO)_NTNV



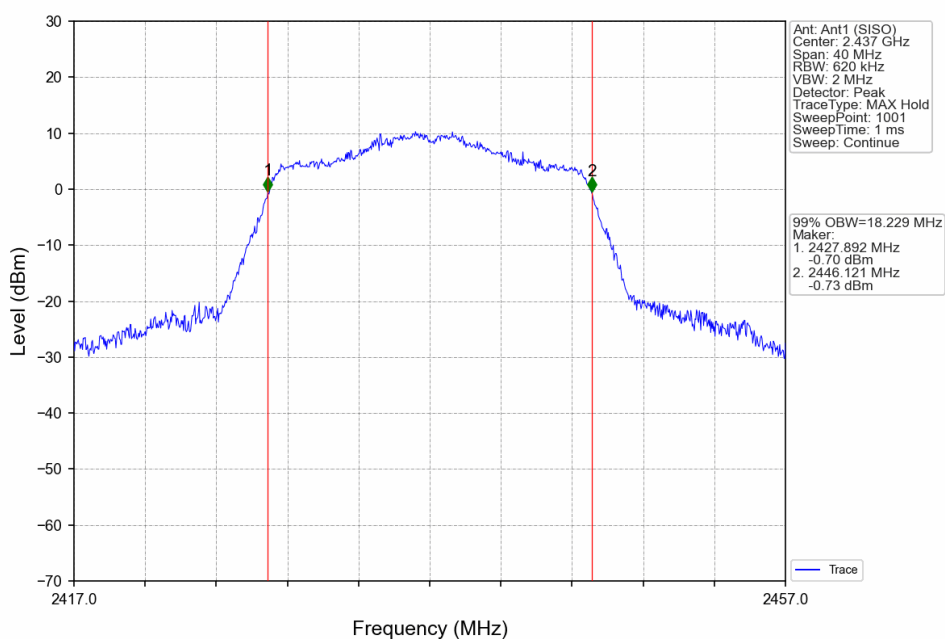
802.11g_HCH_2462MHz_Ant1 (SISO)_NTNV

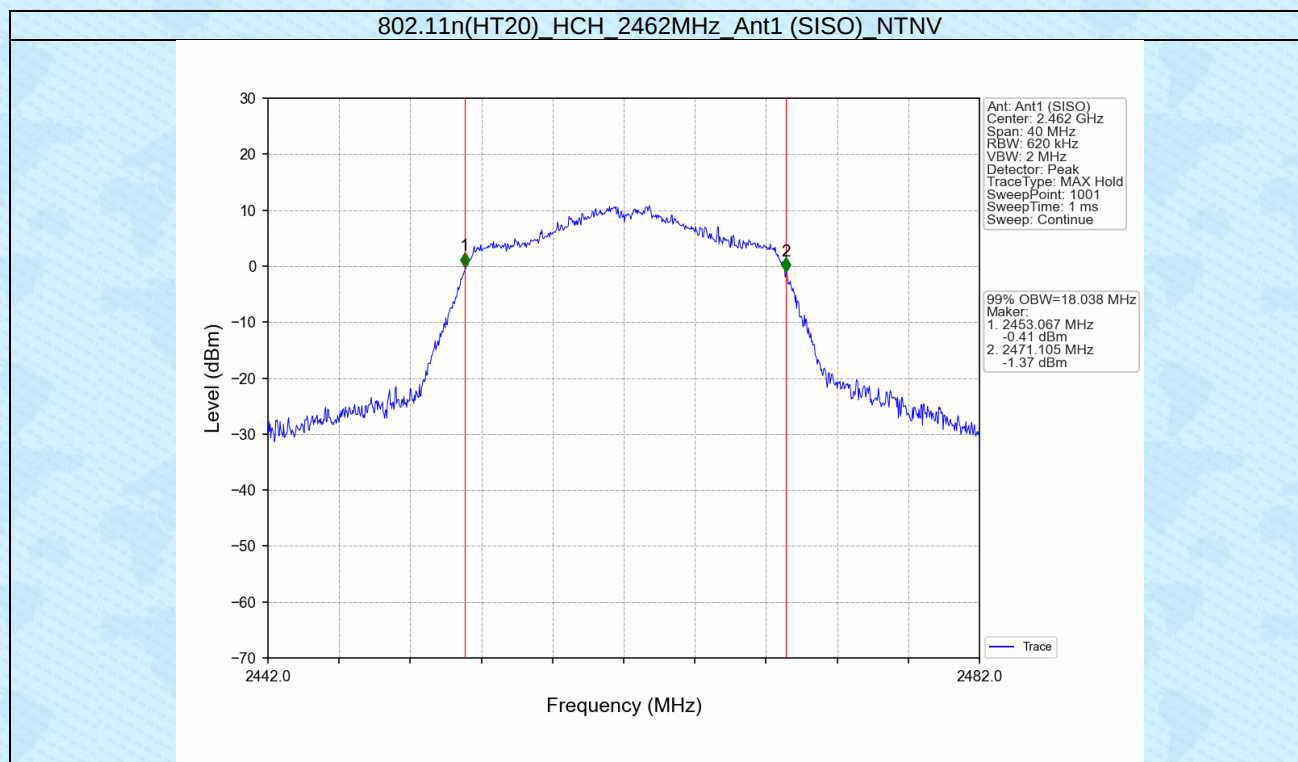


802.11n(HT20)_LCH_2412MHz_Ant1 (SISO)_NTNV



802.11n(HT20)_MCH_2437MHz_Ant1 (SISO)_NTNV



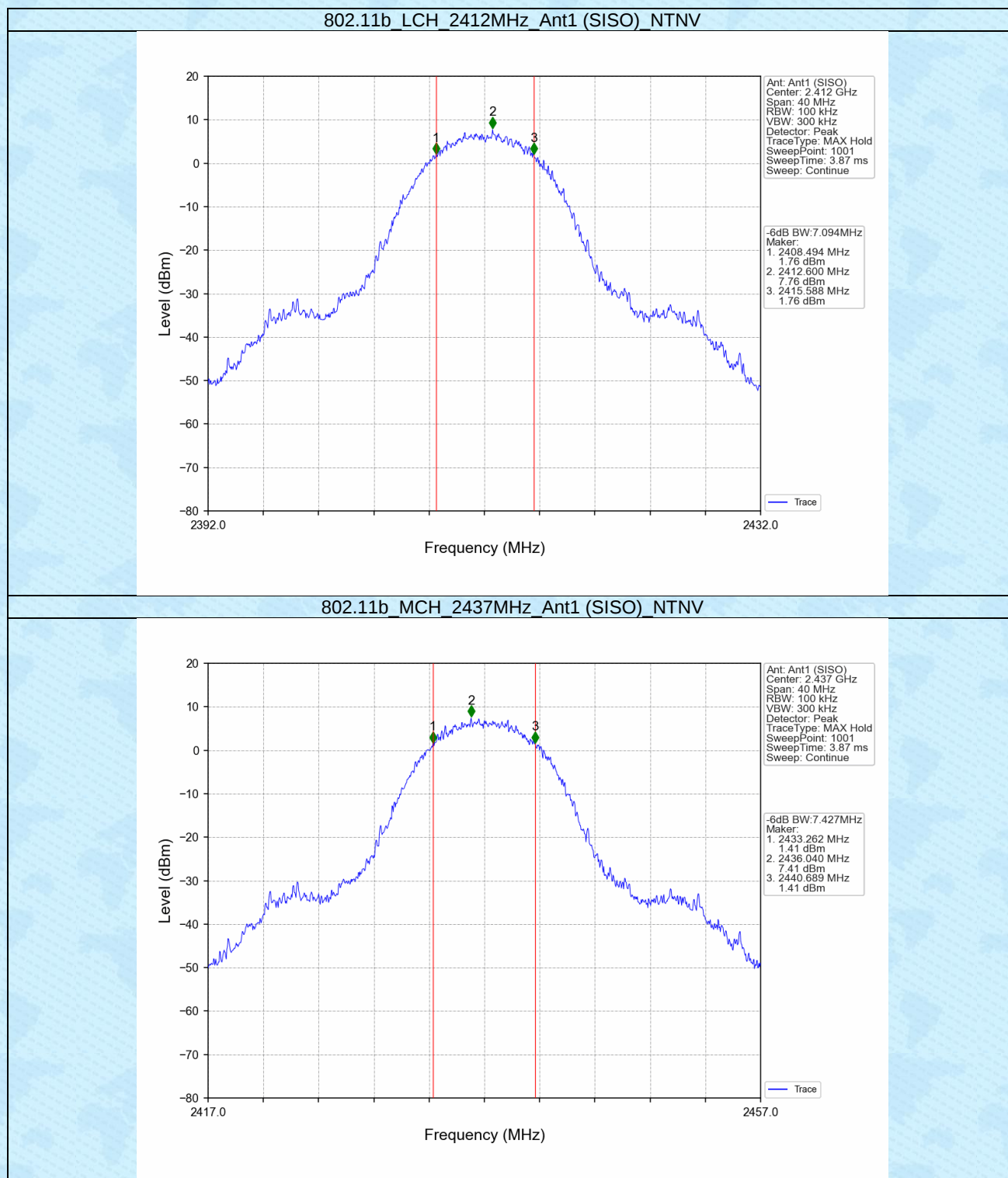


1.2 6dB BW

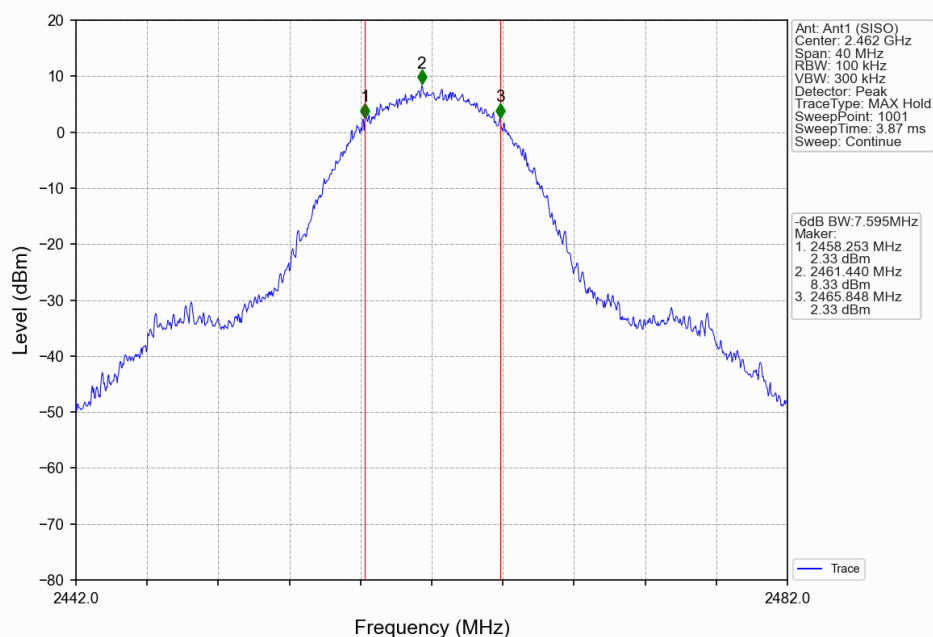
1.2.1 Test Result

Mode	TX Type	Frequency (MHz)	ANT	6dB Bandwidth (MHz)		Verdict
				Result	Limit	
802.11b	SISO	2412	1	7.094	≥ 0.5	Pass
		2437	1	7.427	≥ 0.5	Pass
		2462	1	7.595	≥ 0.5	Pass
802.11g	SISO	2412	1	15.206	≥ 0.5	Pass
		2437	1	15.348	≥ 0.5	Pass
		2462	1	15.180	≥ 0.5	Pass
802.11n (HT20)	SISO	2412	1	15.448	≥ 0.5	Pass
		2437	1	15.769	≥ 0.5	Pass
		2462	1	15.183	≥ 0.5	Pass

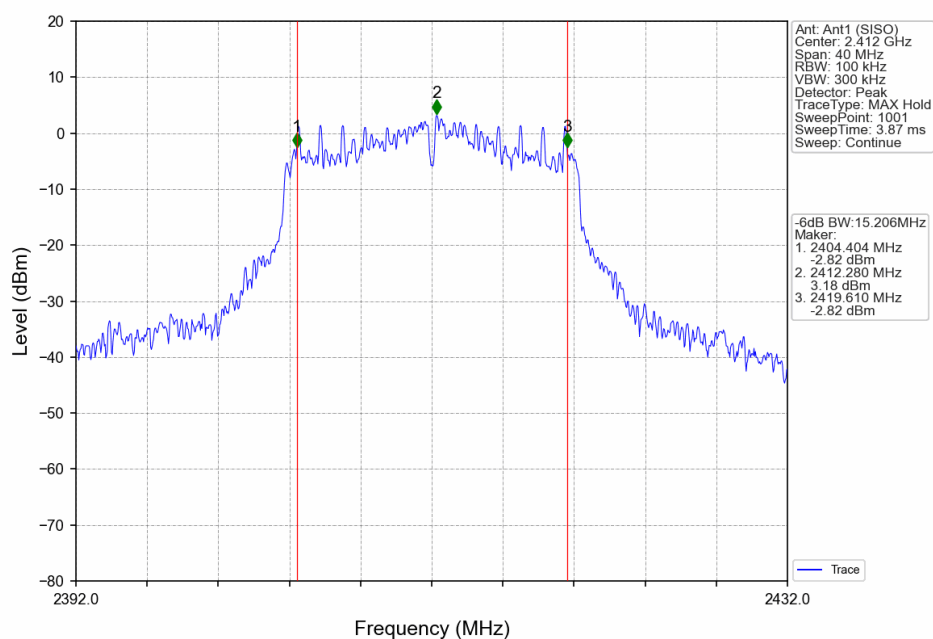
1.2.2 Test Graph



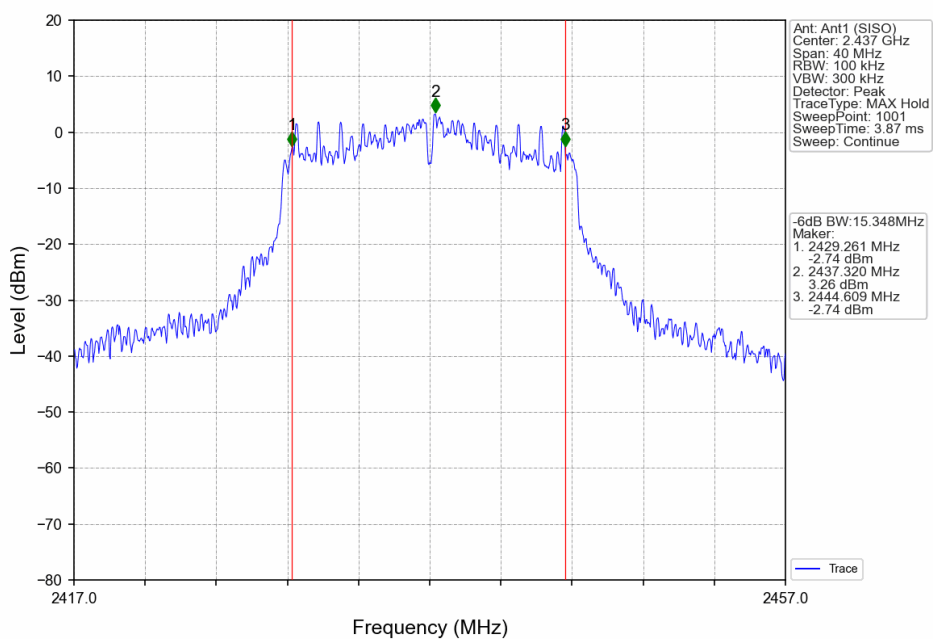
802.11b_HCH_2462MHz_Ant1 (SISO)_NTNV



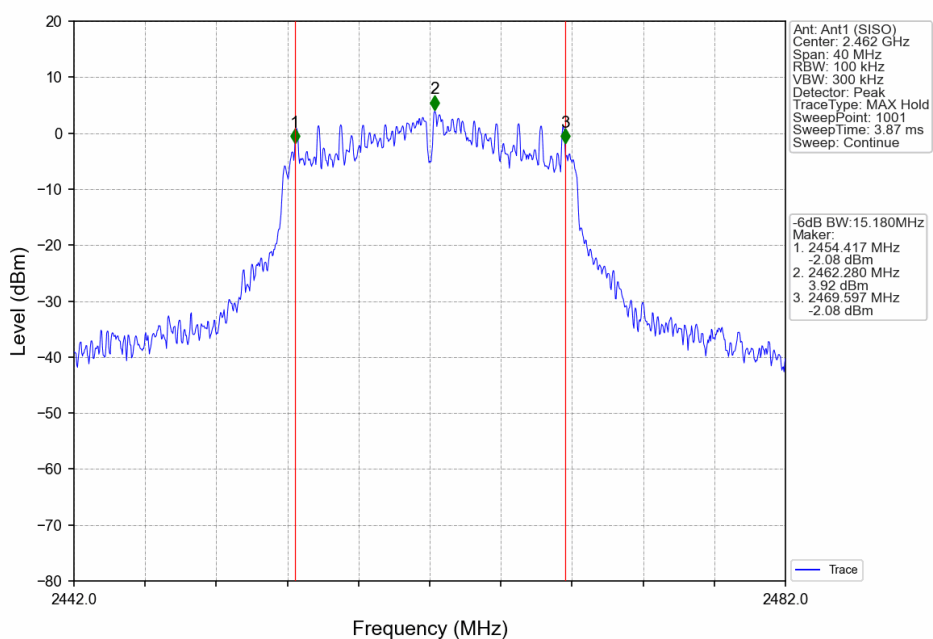
802.11g_LCH_2412MHz_Ant1 (SISO)_NTNV



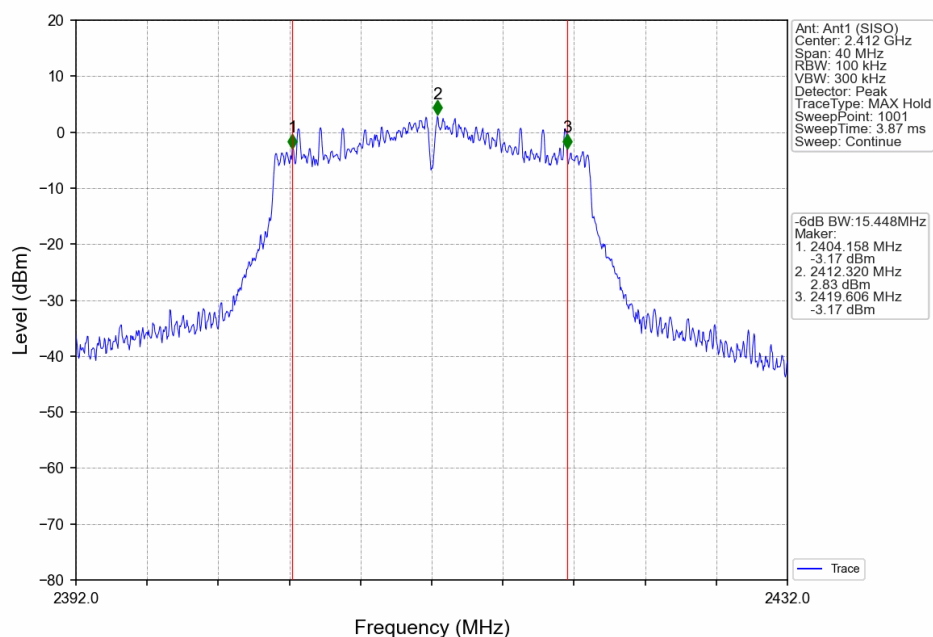
802.11g_MCH_2437MHz_Ant1 (SISO)_NTNV



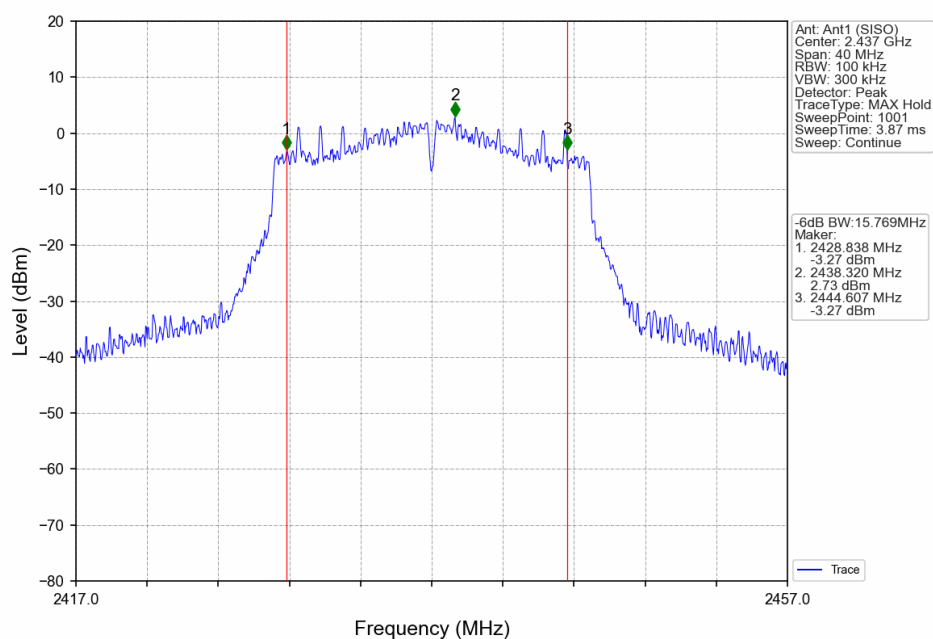
802.11g_HCH_2462MHz_Ant1 (SISO)_NTNV

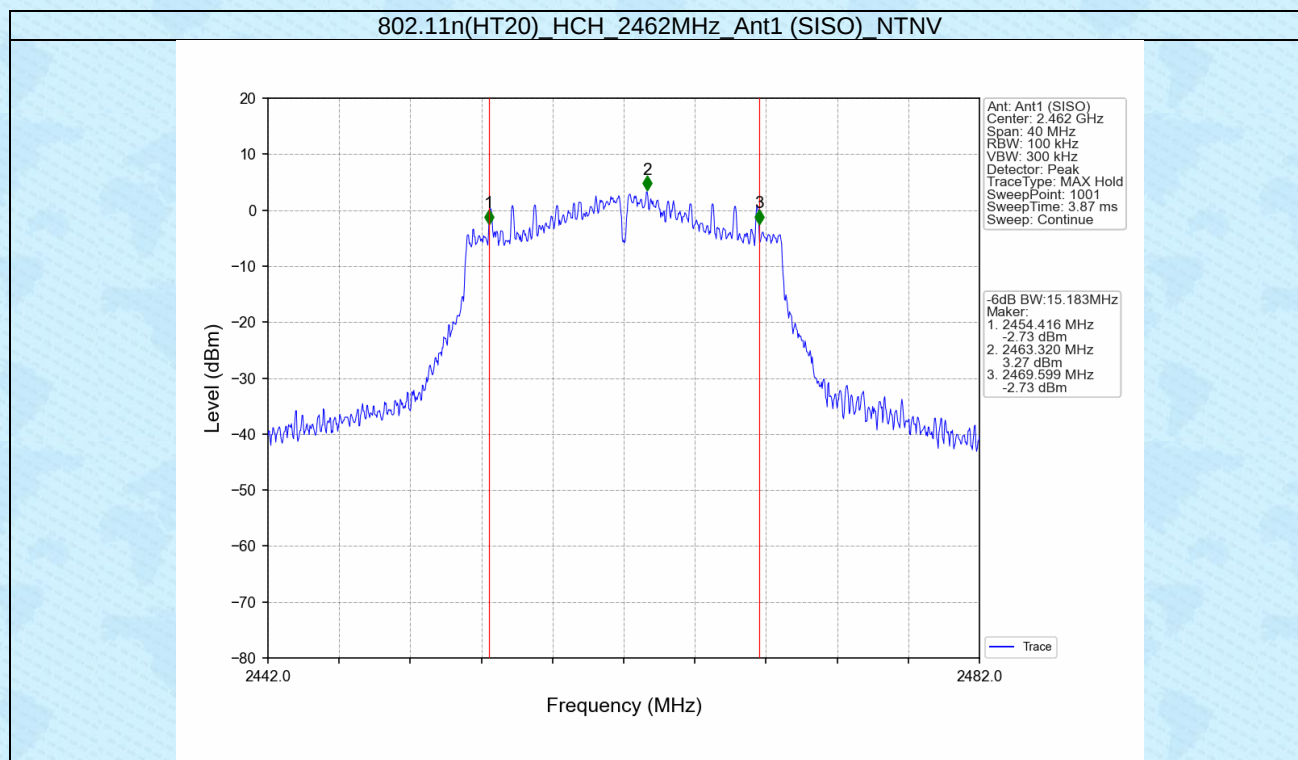


802.11n(HT20)_LCH_2412MHz_Ant1 (SISO)_NTNV



802.11n(HT20)_MCH_2437MHz_Ant1 (SISO)_NTNV





2. Maximum Conducted Output Power

2.1 Test Result

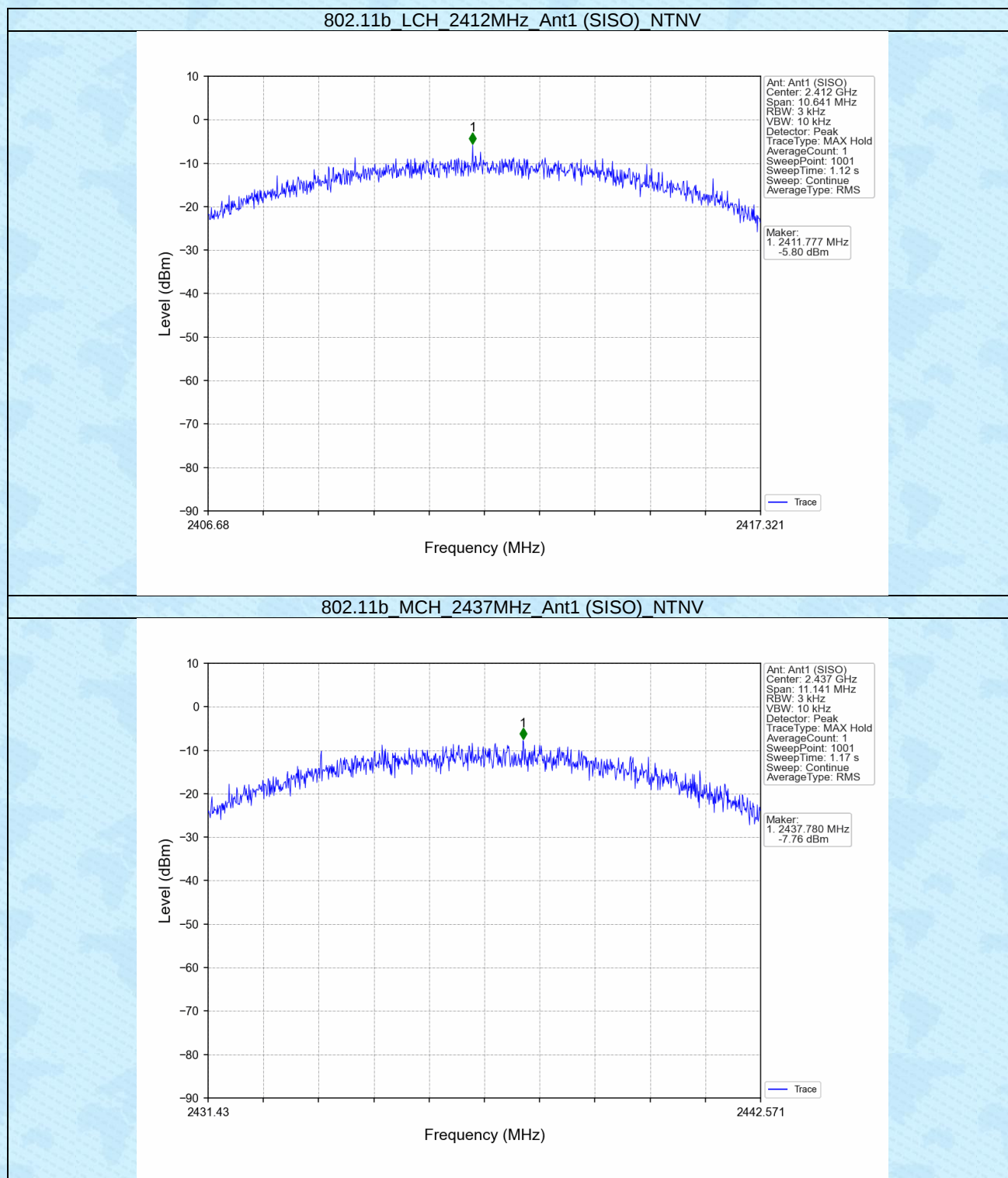
Mode	TX Type	Frequency (MHz)	Maximum Peak Conducted Output Power (dBm)		Verdict
			ANT1	Limit	
802.11b	SISO	2412	19.76	≤ 30	Pass
		2437	20.10	≤ 30	Pass
		2462	20.29	≤ 30	Pass
802.11g	SISO	2412	20.93	≤ 30	Pass
		2437	21.10	≤ 30	Pass
		2462	21.43	≤ 30	Pass
802.11n (HT20)	SISO	2412	20.17	≤ 30	Pass
		2437	20.58	≤ 30	Pass
		2462	20.77	≤ 30	Pass

3. Maximum Power Spectral Density

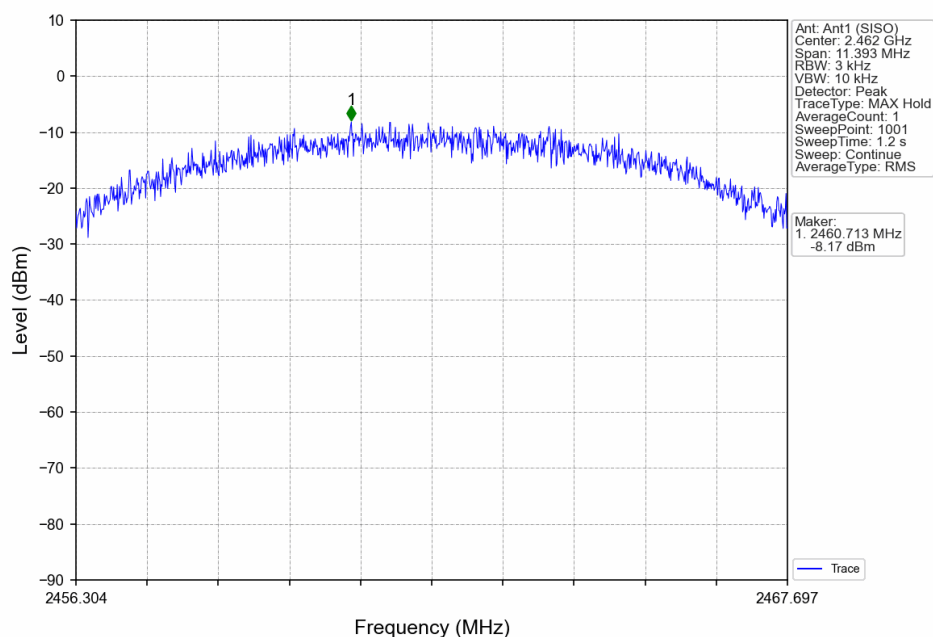
3.1 Test Result

Mode	TX Type	Frequency (MHz)	Maximum PSD (dBm/3kHz)		Verdict
			ANT1	Limit	
802.11b	SISO	2412	-5.80	<=8	Pass
		2437	-7.76	<=8	Pass
		2462	-8.17	<=8	Pass
802.11g	SISO	2412	-12.24	<=8	Pass
		2437	-11.71	<=8	Pass
		2462	-11.09	<=8	Pass
802.11n (HT20)	SISO	2412	-11.99	<=8	Pass
		2437	-11.34	<=8	Pass
		2462	-11.54	<=8	Pass

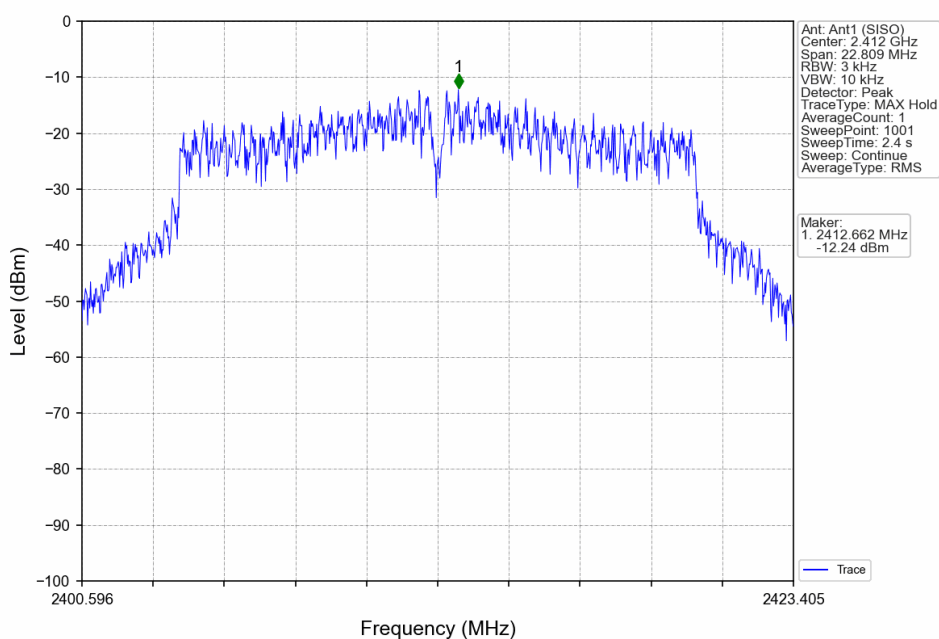
3.2 Test Graph



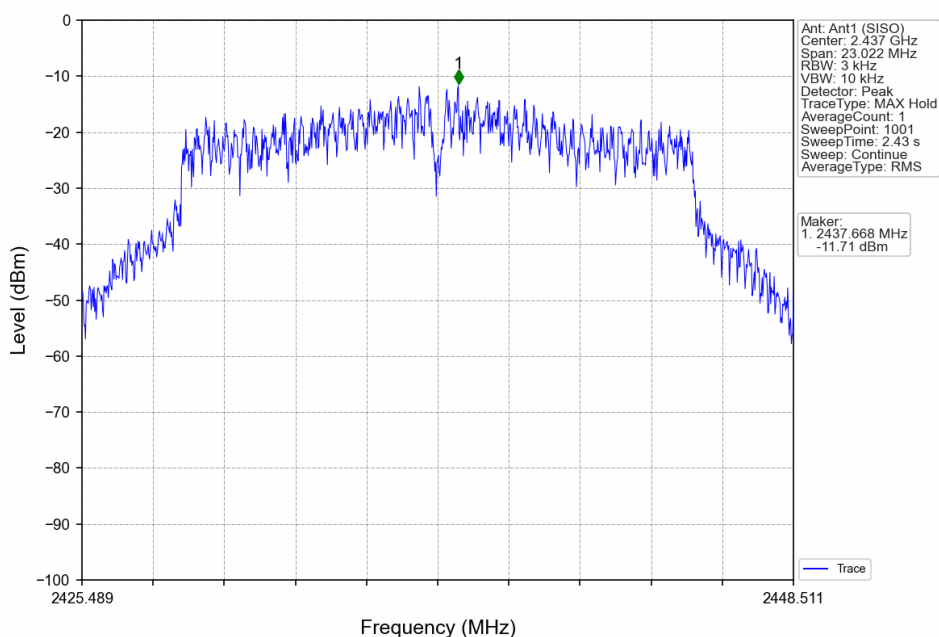
802.11b_HCH_2462MHz_Ant1 (SISO)_NTNV



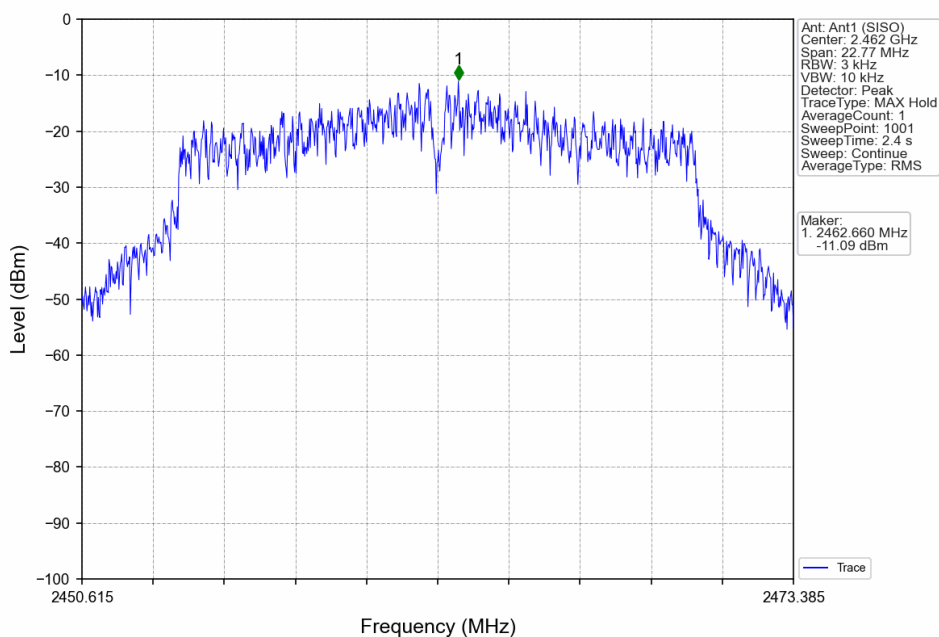
802.11g_LCH_2412MHz_Ant1 (SISO)_NTNV



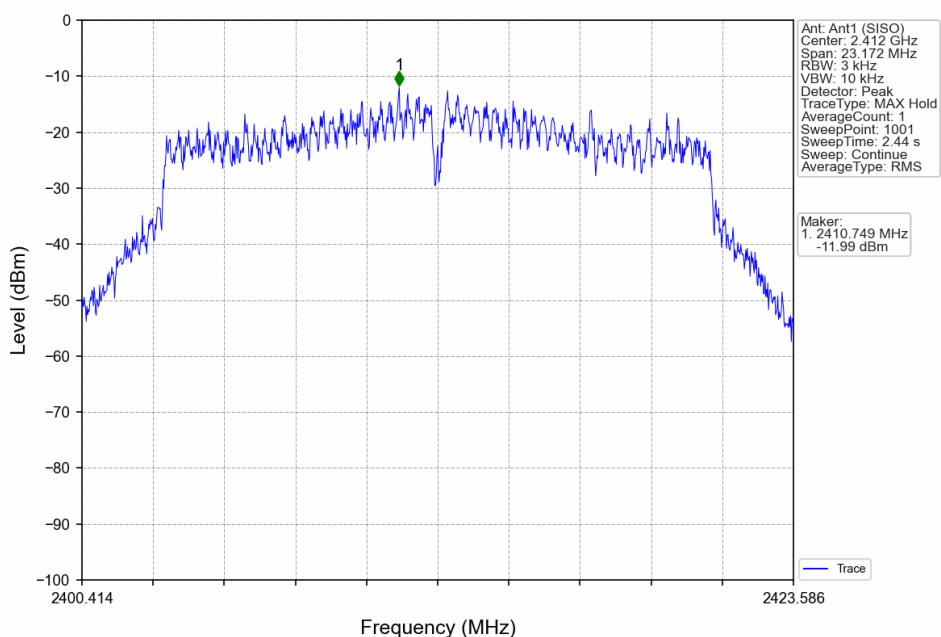
802.11g_MCH_2437MHz_Ant1 (SISO)_NTNV



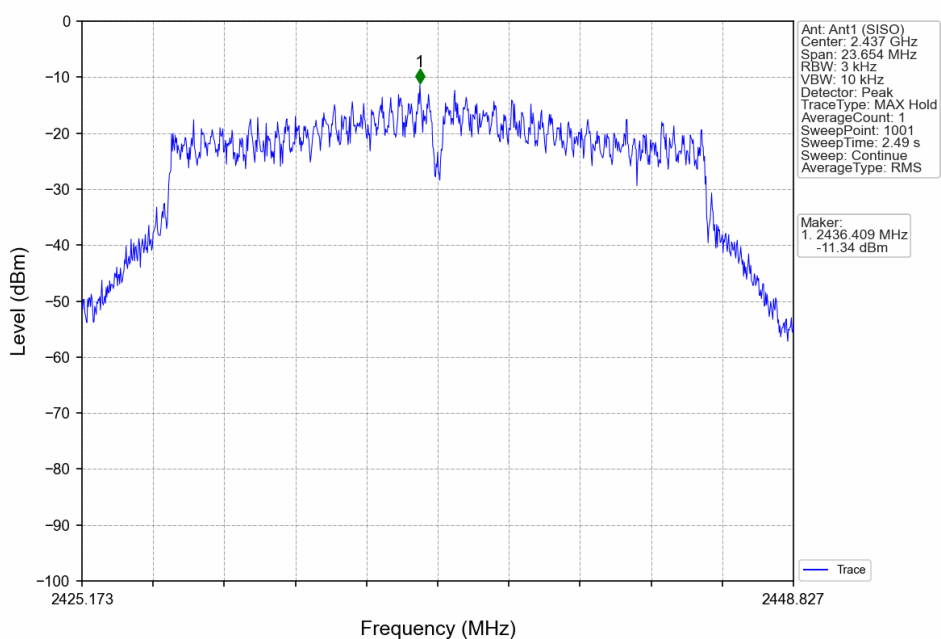
802.11g_HCH_2462MHz_Ant1 (SISO)_NTNV

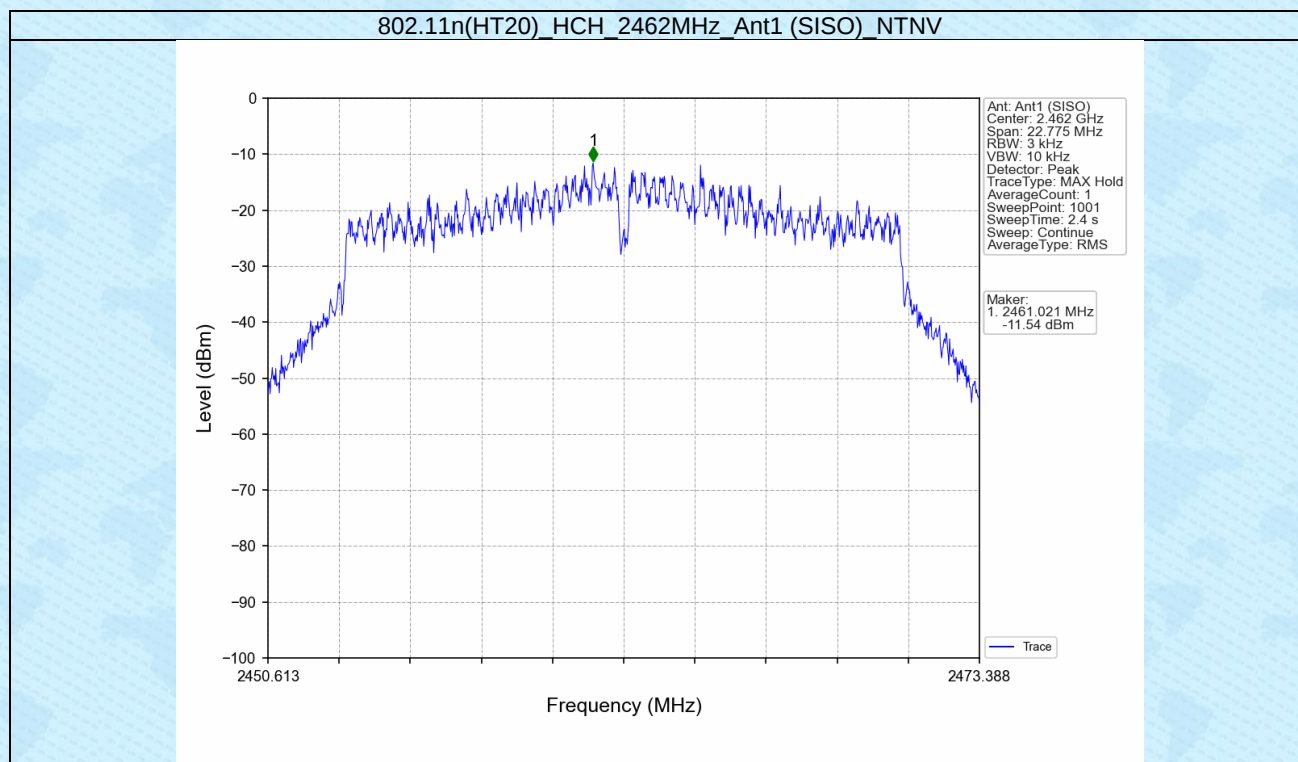


802.11n(HT20)_LCH_2412MHz_Ant1 (SISO)_NTNV



802.11n(HT20)_MCH_2437MHz_Ant1 (SISO)_NTNV





4. Unwanted Emissions In Non-restricted Frequency Bands

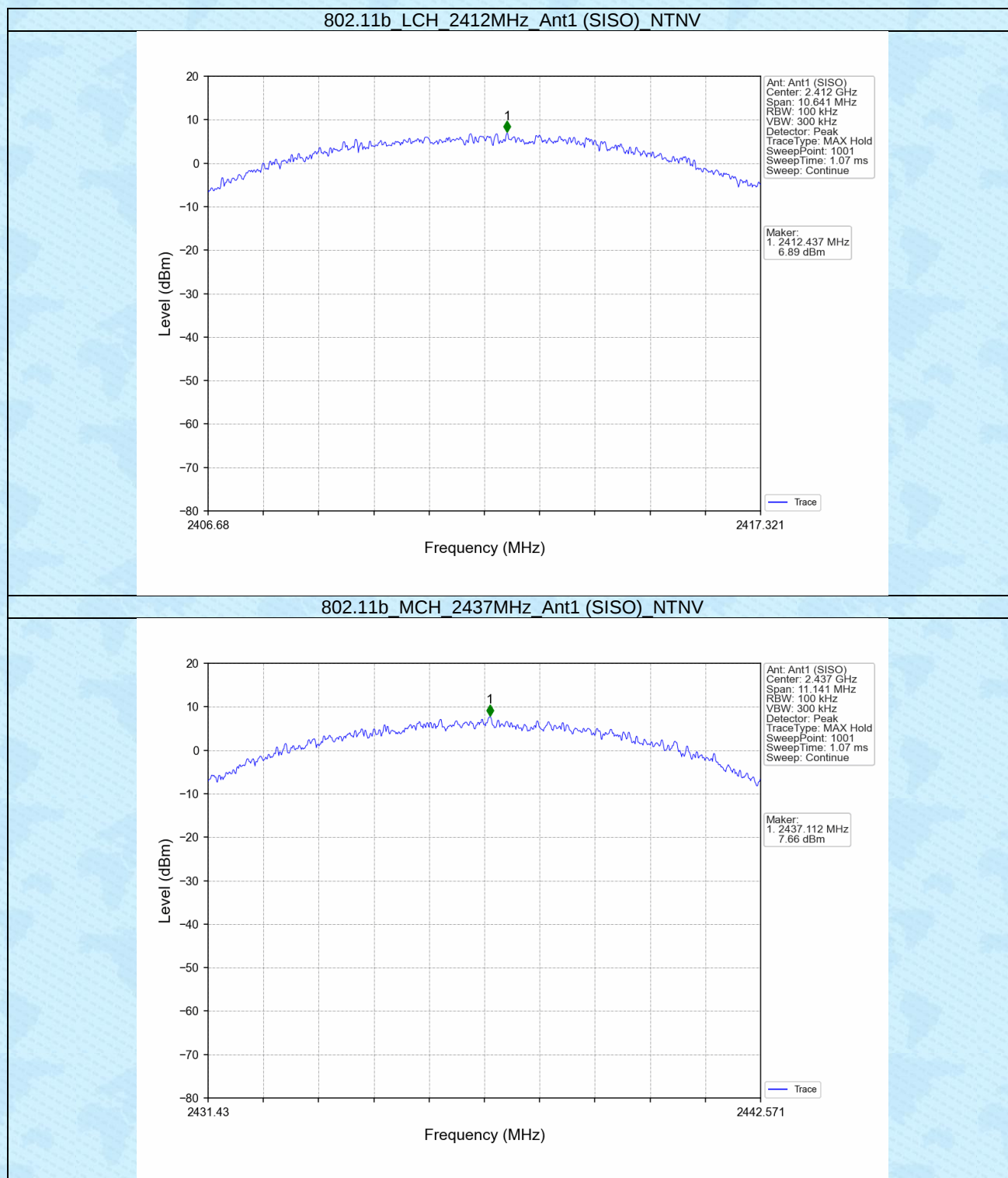
4.1 Ref

4.1.1 Test Result

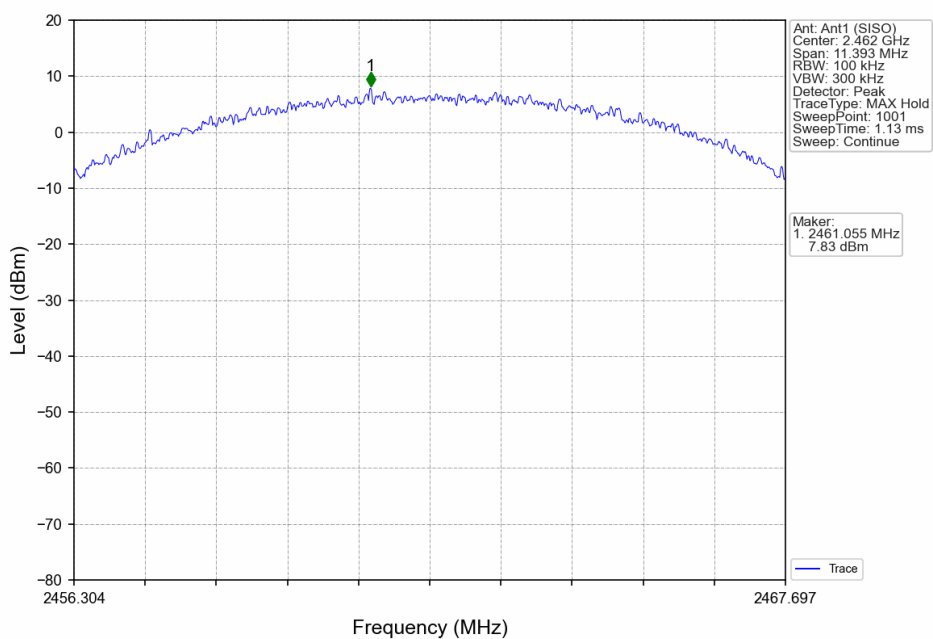
Mode	TX Type	Frequency (MHz)	ANT	Level of Reference (dBm)
802.11b	SISO	2412	1	6.89
		2437	1	7.66
		2462	1	7.83
802.11g	SISO	2412	1	3.21
		2437	1	3.34
		2462	1	3.89
802.11n (HT20)	SISO	2412	1	2.52
		2437	1	2.41
		2462	1	3.06

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.

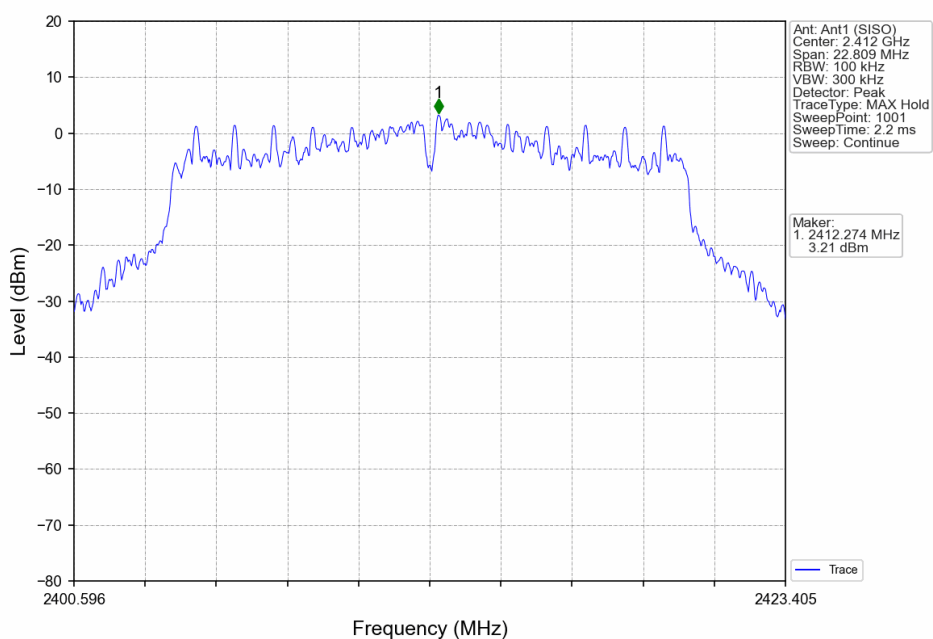
4.1.2 Test Graph



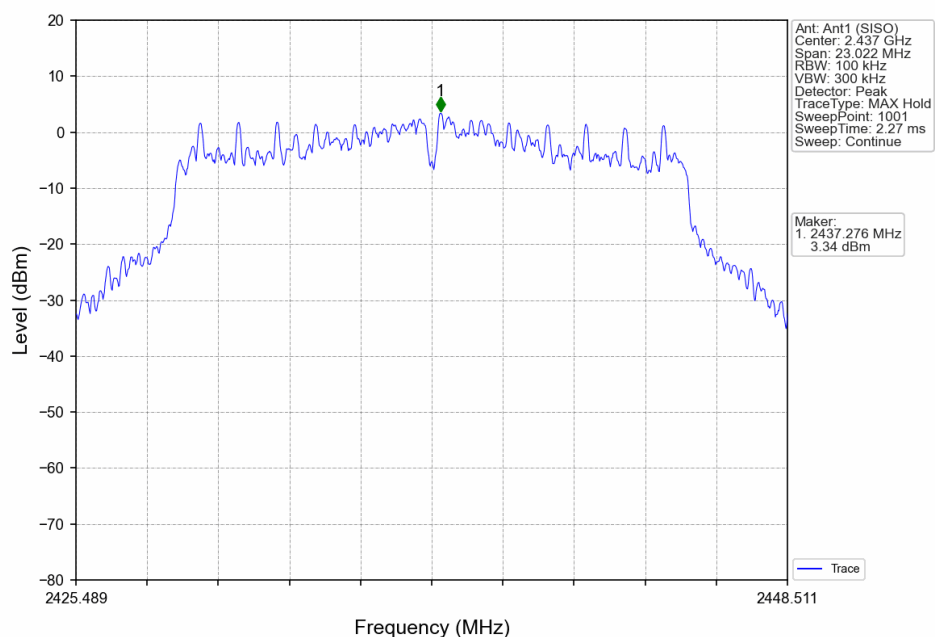
802.11b_HCH_2462MHz_Ant1 (SISO)_NTNV



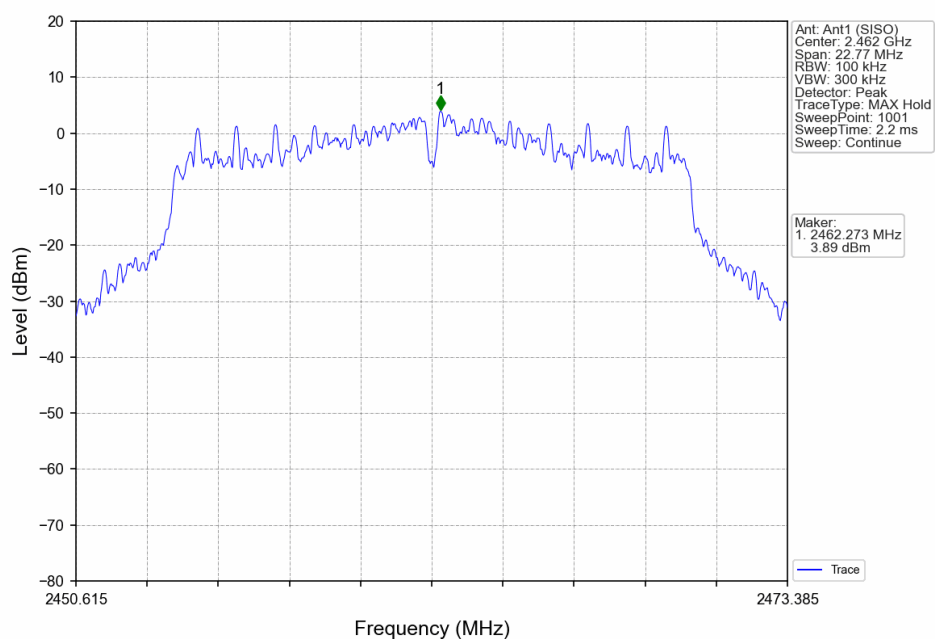
802.11g_LCH_2412MHz_Ant1 (SISO)_NTNV



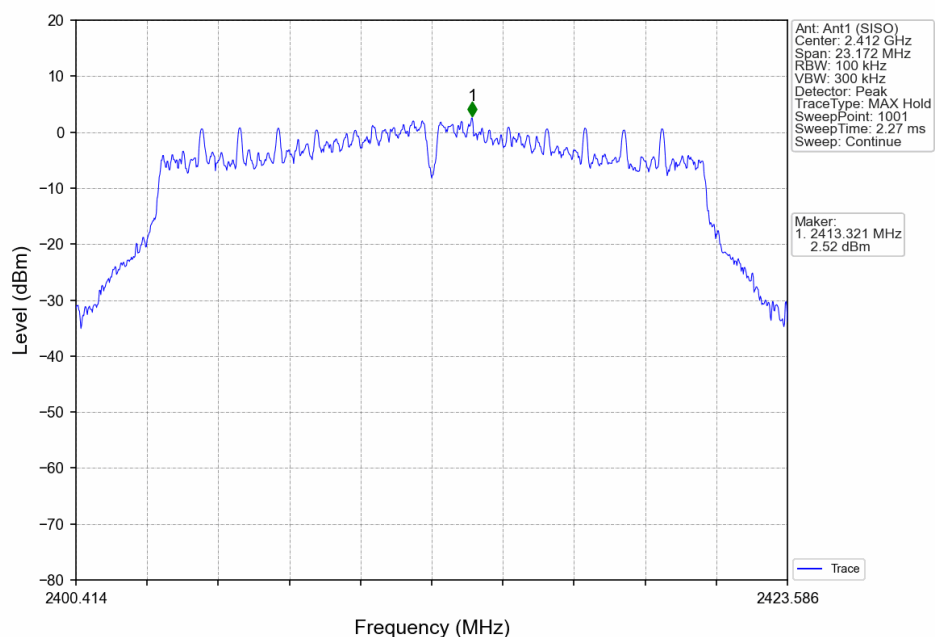
802.11g_MCH_2437MHz_Ant1 (SISO)_NTNV



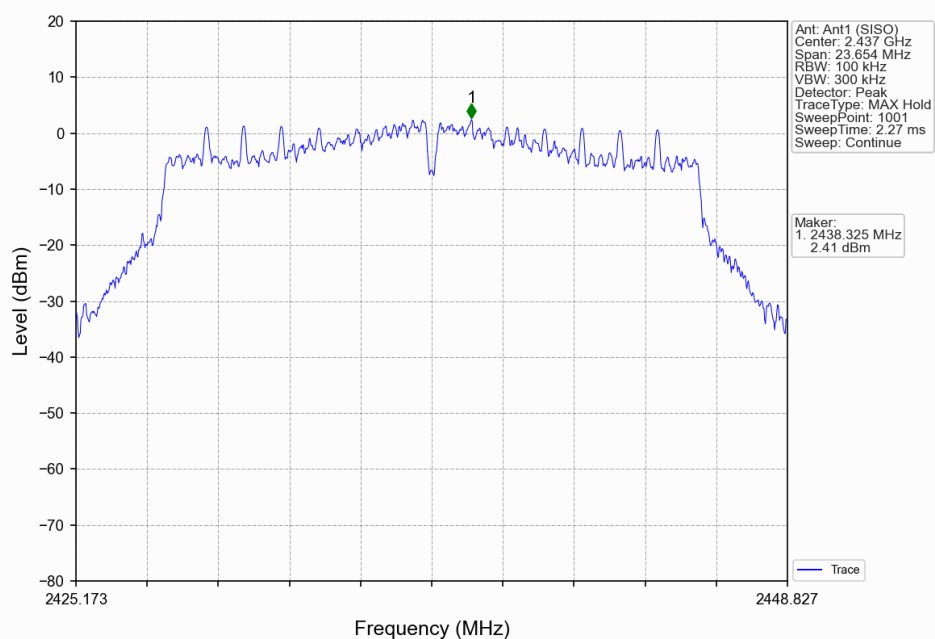
802.11g_HCH_2462MHz_Ant1 (SISO)_NTNV

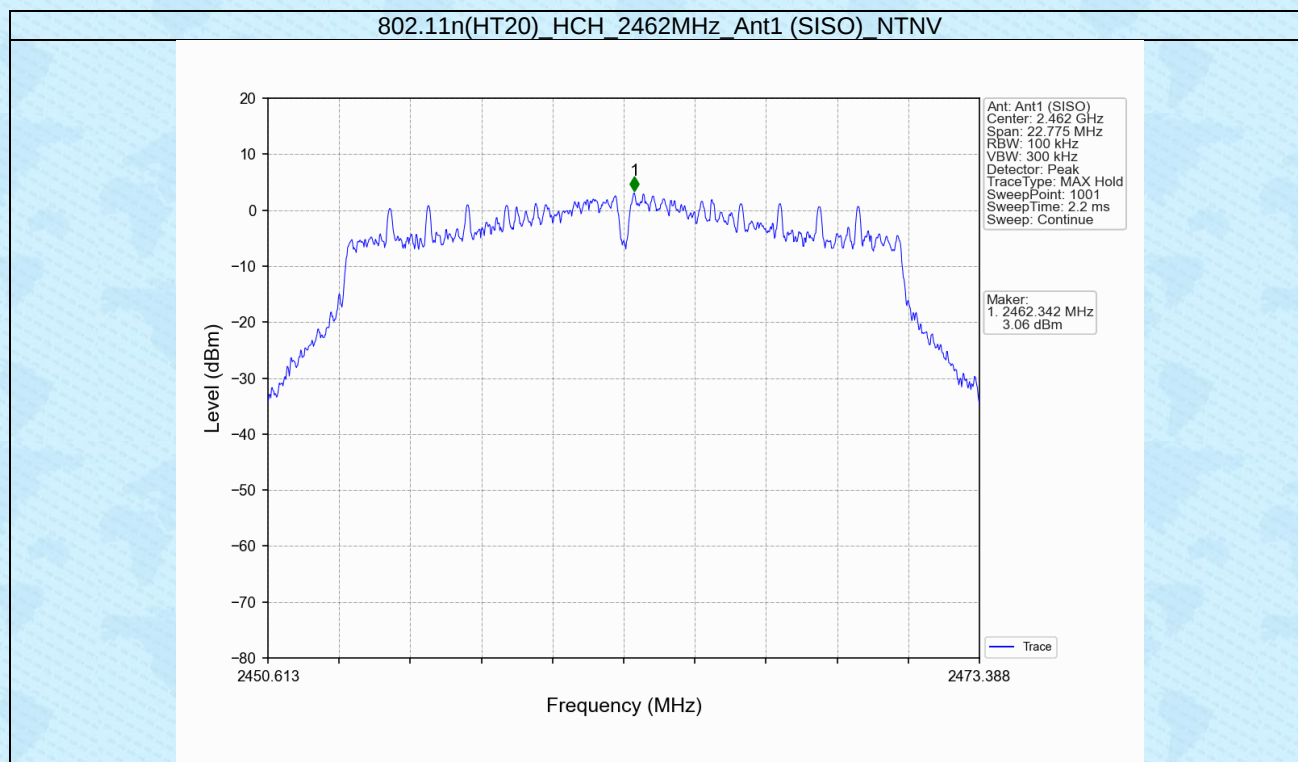


802.11n(HT20)_LCH_2412MHz_Ant1 (SISO)_NTNV



802.11n(HT20)_MCH_2437MHz_Ant1 (SISO)_NTNV





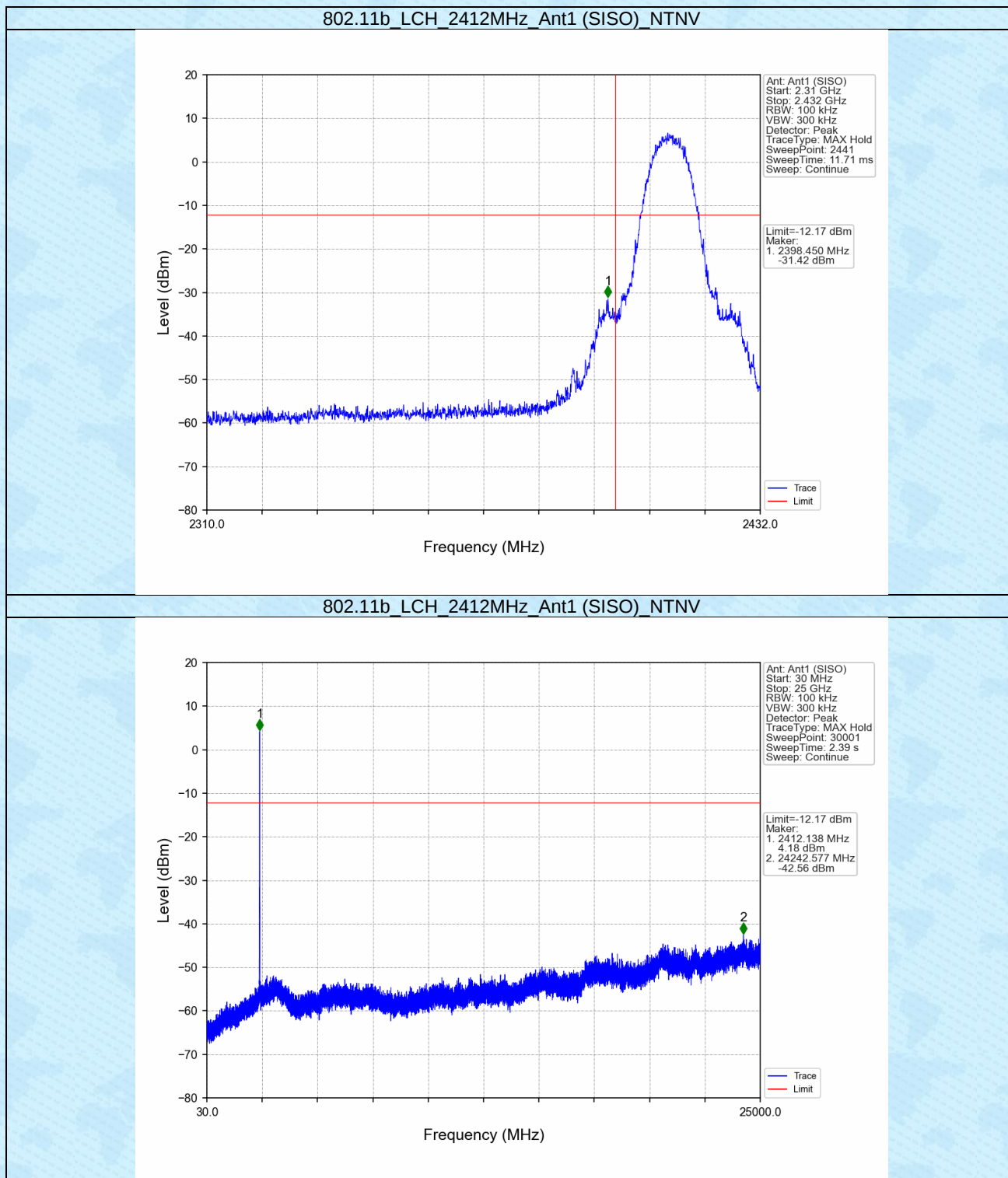
4.2 CSE

4.2.1 Test Result

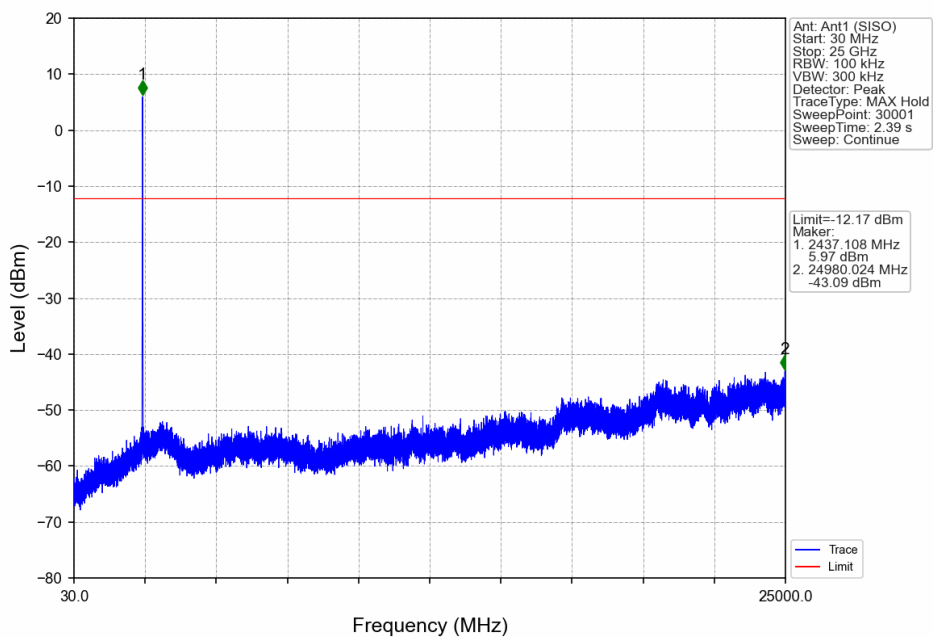
Mode	TX Type	Frequency (MHz)	ANT	Level of Reference (dBm)	Limit (dBm)	Verdict
802.11b	SISO	2412	1	7.83	-12.17	Pass
		2437	1	7.83	-12.17	Pass
		2462	1	7.83	-12.17	Pass
802.11g	SISO	2412	1	3.89	-16.11	Pass
		2437	1	3.89	-16.11	Pass
		2462	1	3.89	-16.11	Pass
802.11n (HT20)	SISO	2412	1	3.06	-16.94	Pass
		2437	1	3.06	-16.94	Pass
		2462	1	3.06	-16.94	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.

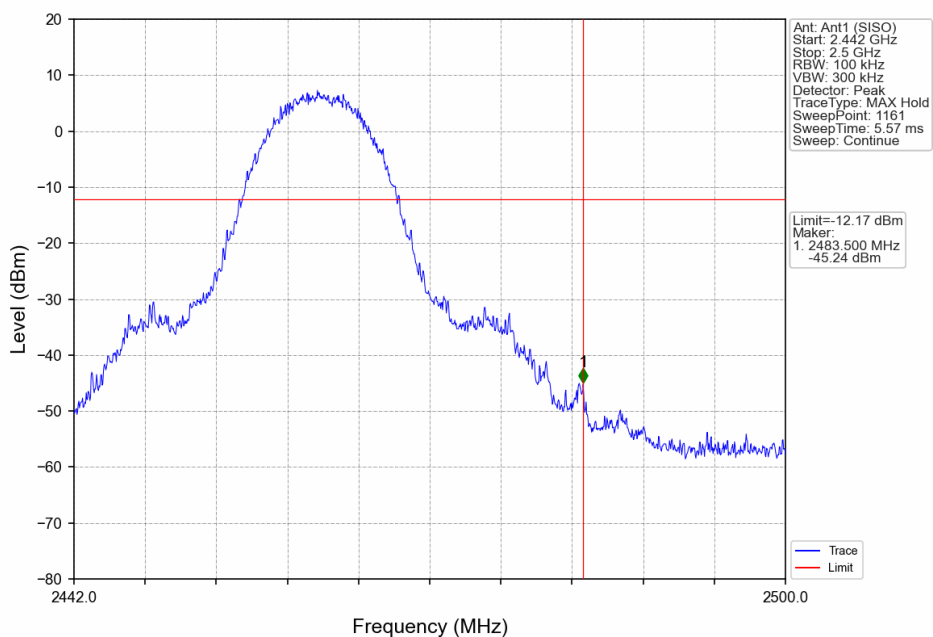
4.2.2 Test Graph



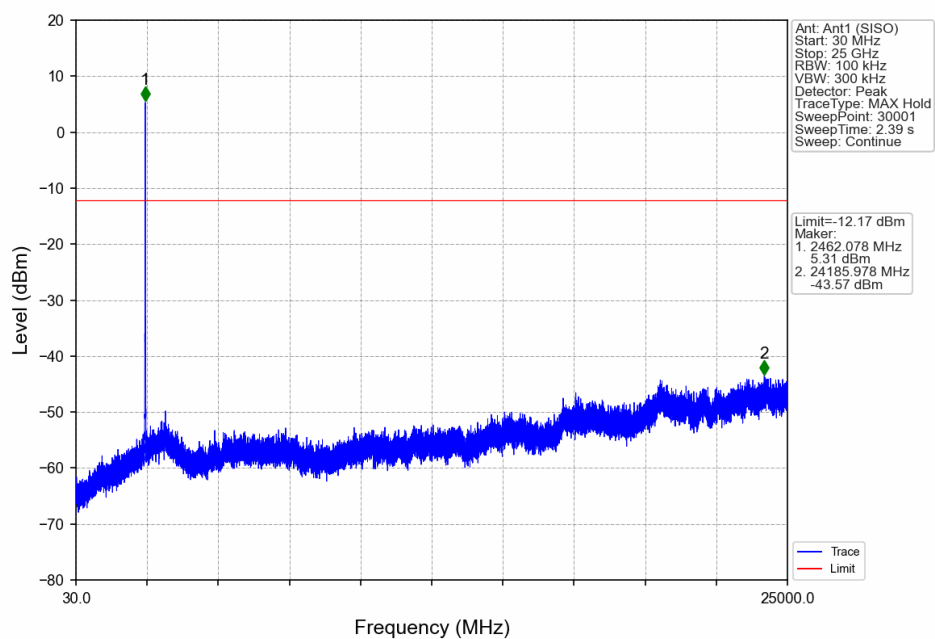
802.11b MCH_2437MHz_Ant1 (SISO)_NTNV



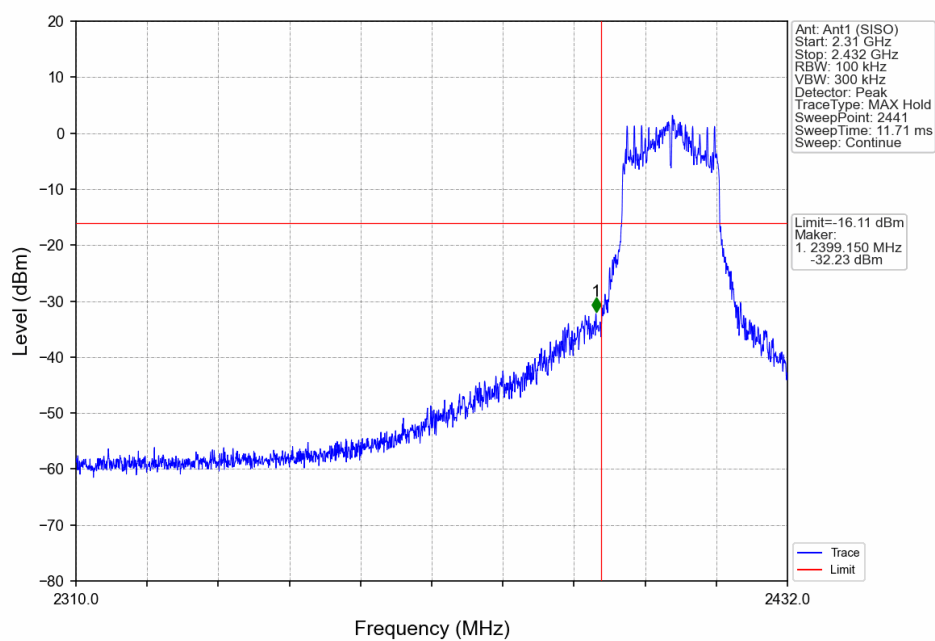
802.11b HCH_2462MHz_Ant1 (SISO)_NTNV



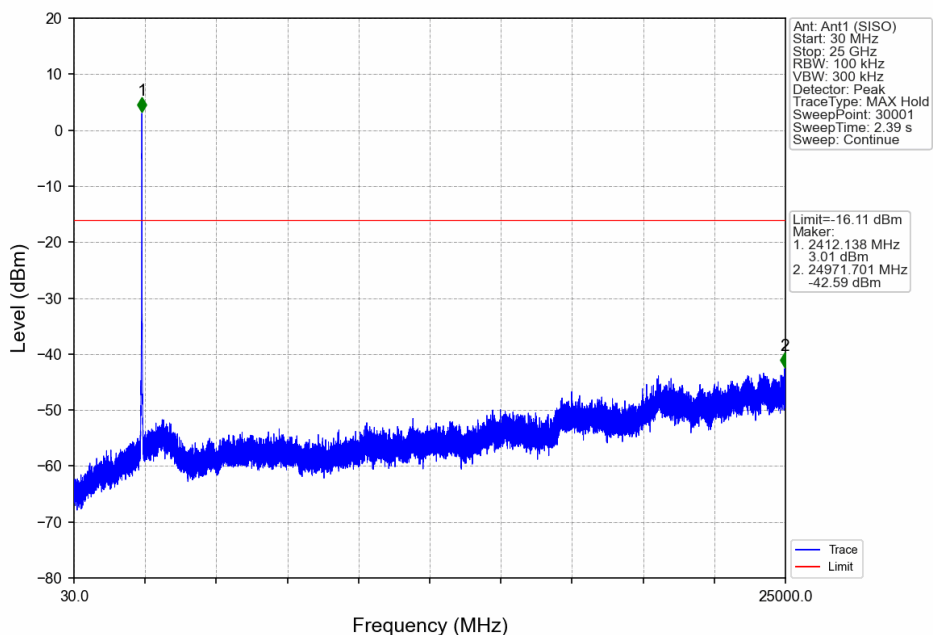
802.11b_HCH_2462MHz_Ant1 (SISO)_NTNV



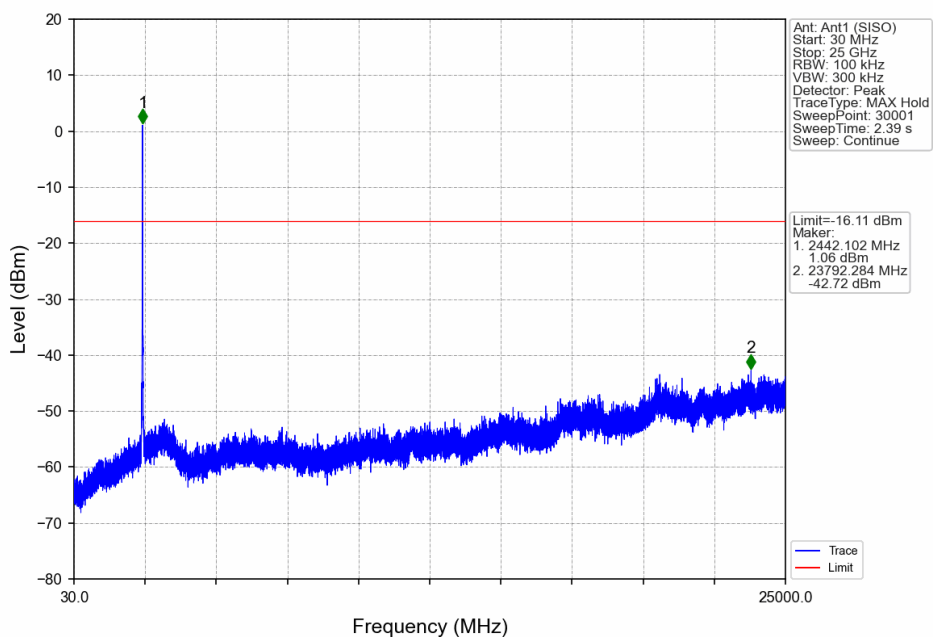
802.11g_LCH_2412MHz_Ant1 (SISO)_NTNV



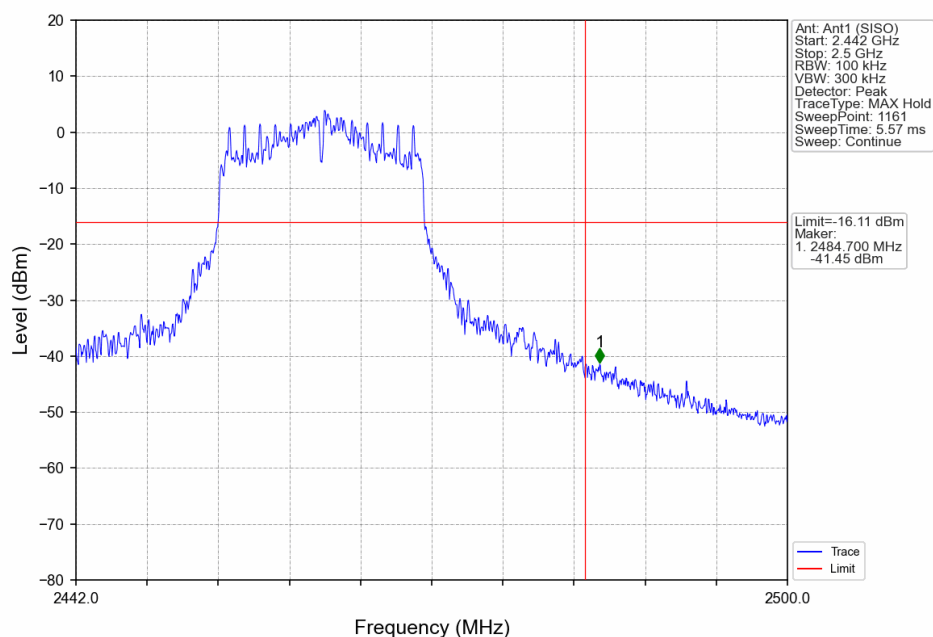
802.11g_LCH_2412MHz_Ant1 (SISO)_NTNV



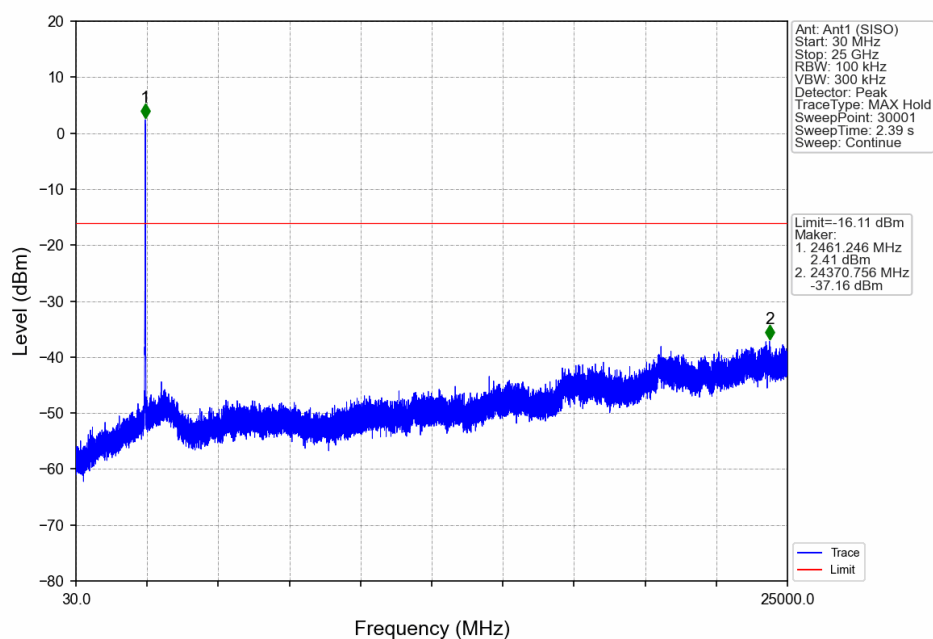
802.11g_MCH_2437MHz_Ant1 (SISO)_NTNV



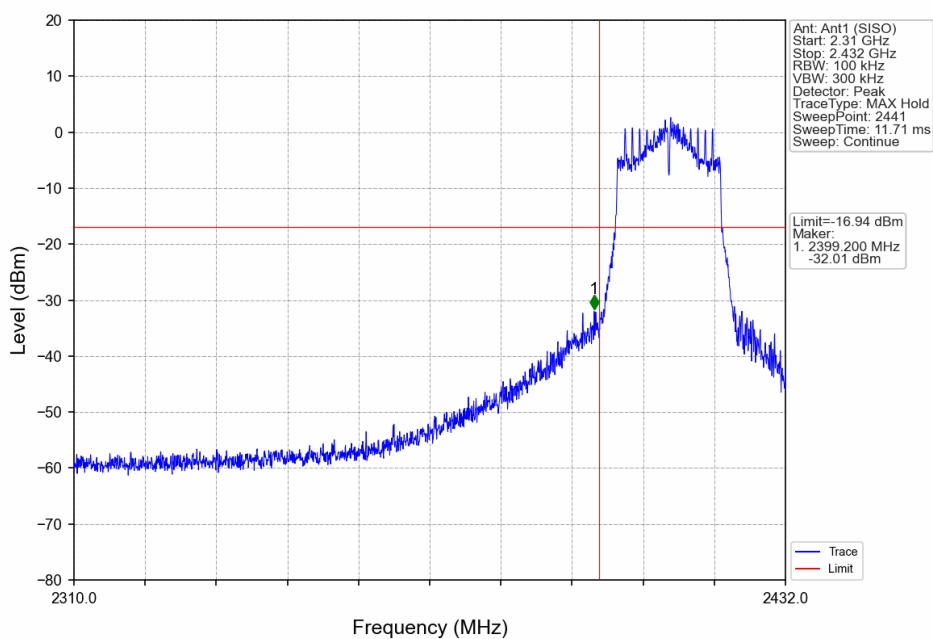
802.11g_HCH_2462MHz_Ant1 (SISO)_NTNV



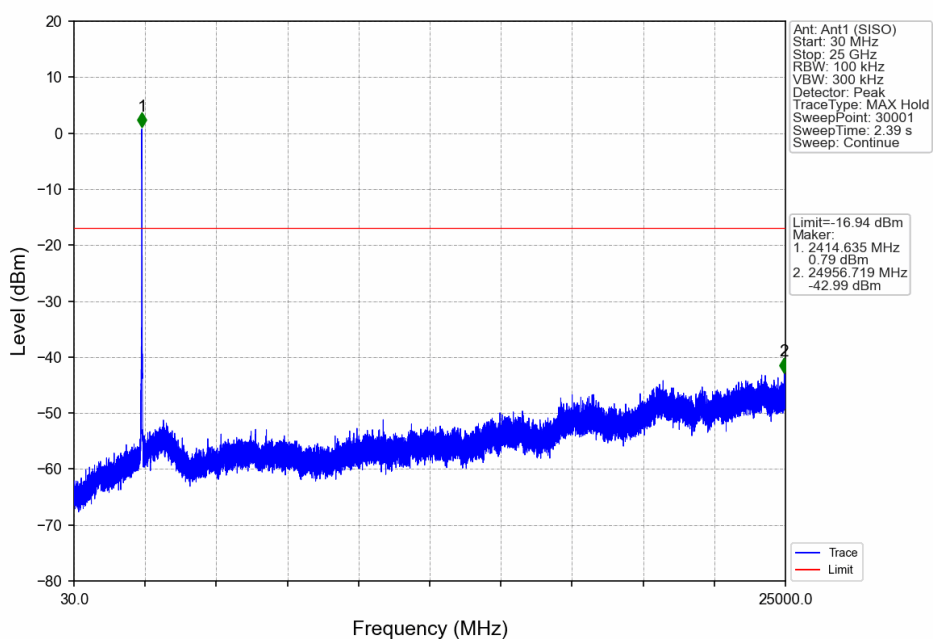
802.11g_HCH_2462MHz_Ant1 (SISO)_NTNV



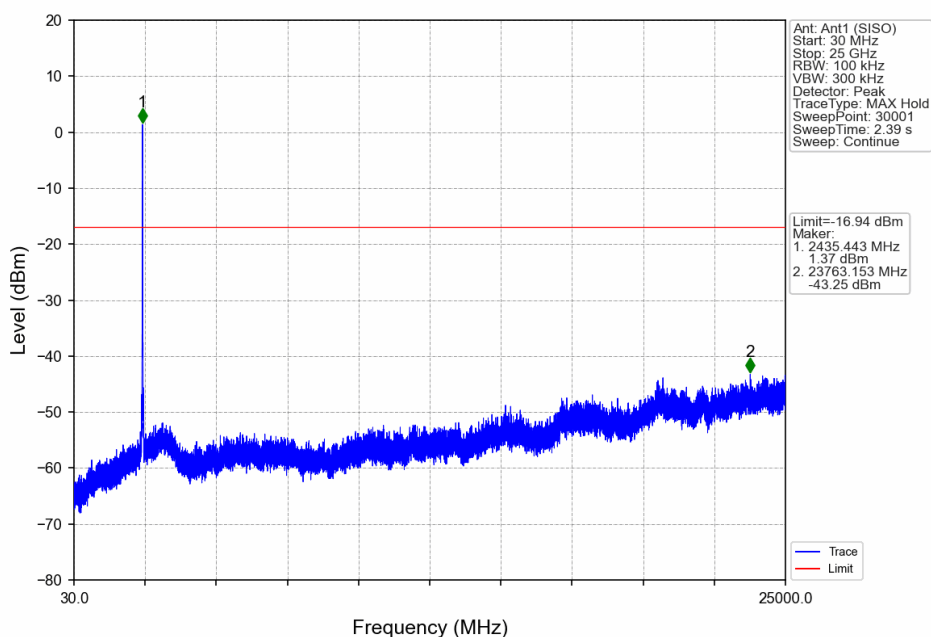
802.11n(HT20)_LCH_2412MHz_Ant1 (SISO)_NTNV



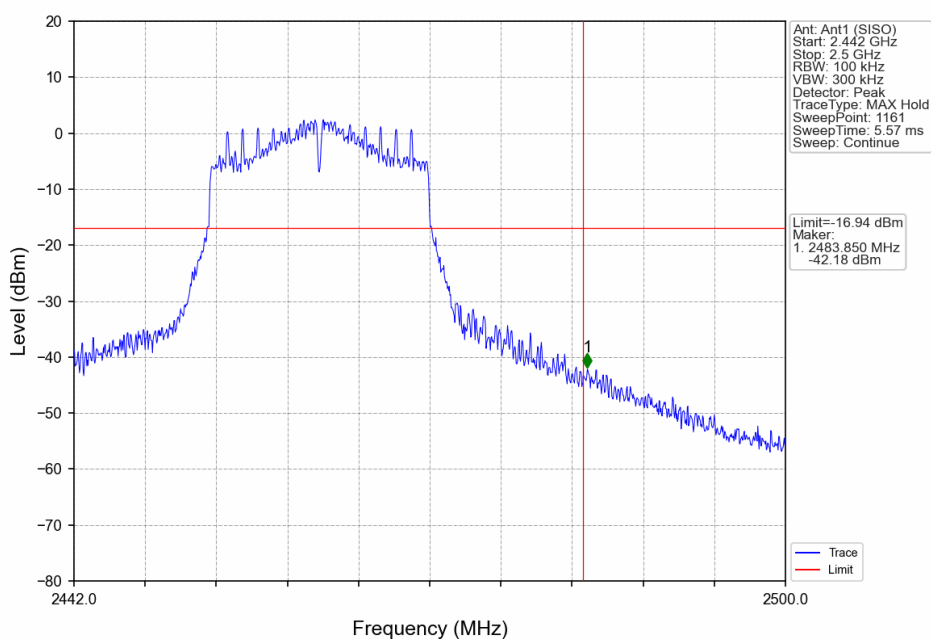
802.11n(HT20)_LCH_2412MHz_Ant1 (SISO)_NTNV

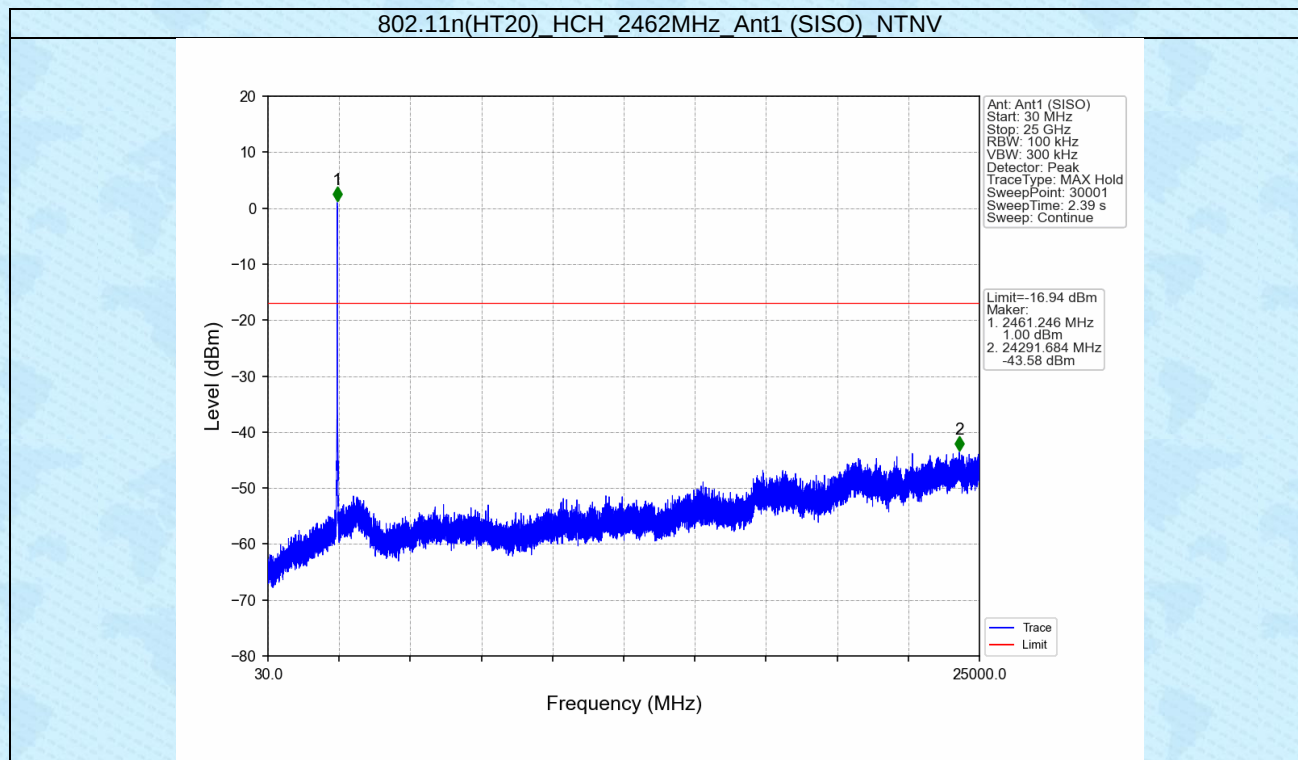


802.11n(HT20)_MCH_2437MHz_Ant1 (SISO)_NTNV



802.11n(HT20)_HCH_2462MHz_Ant1 (SISO)_NTNV





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