

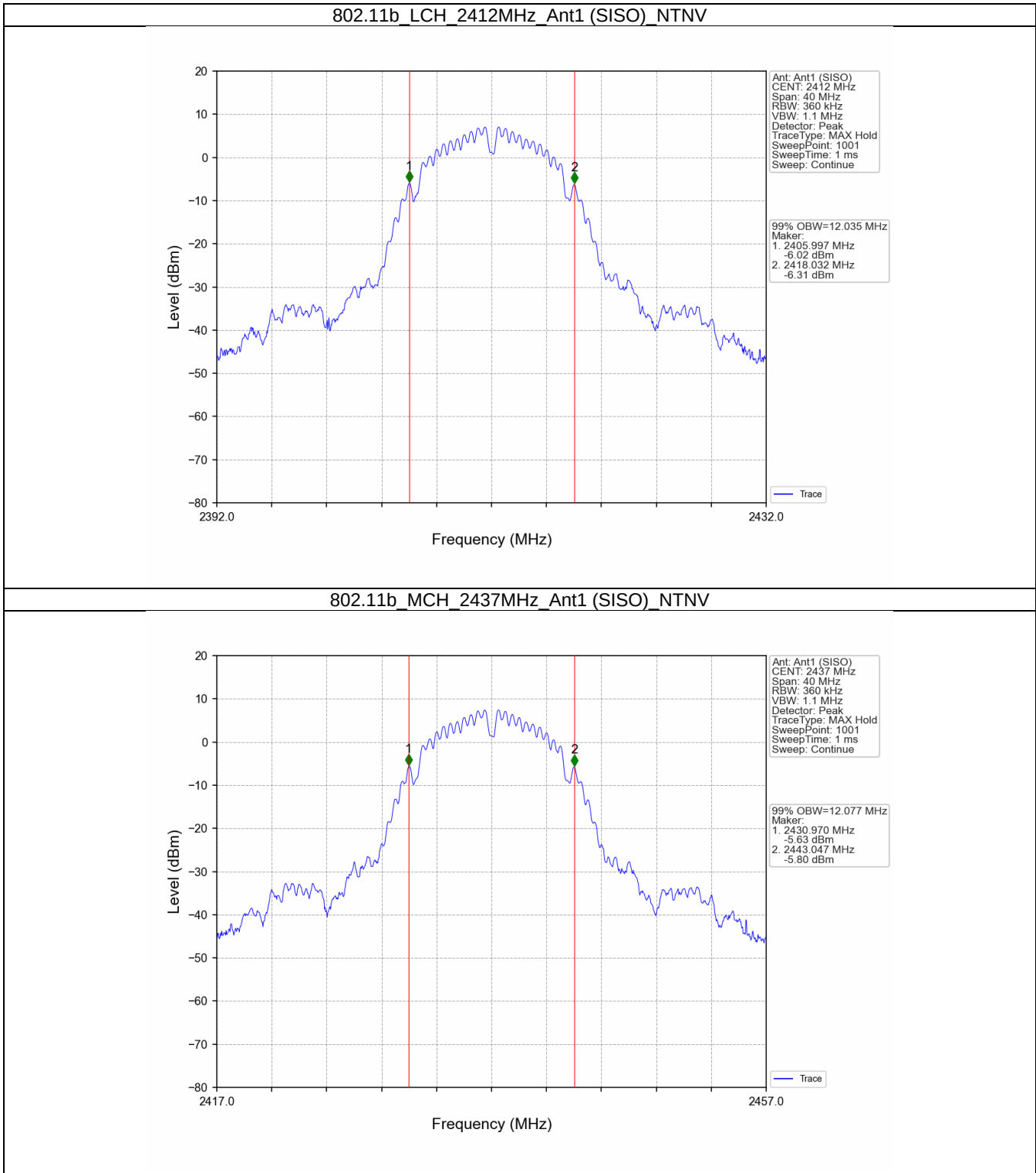
1. Bandwidth

1.1 OBW

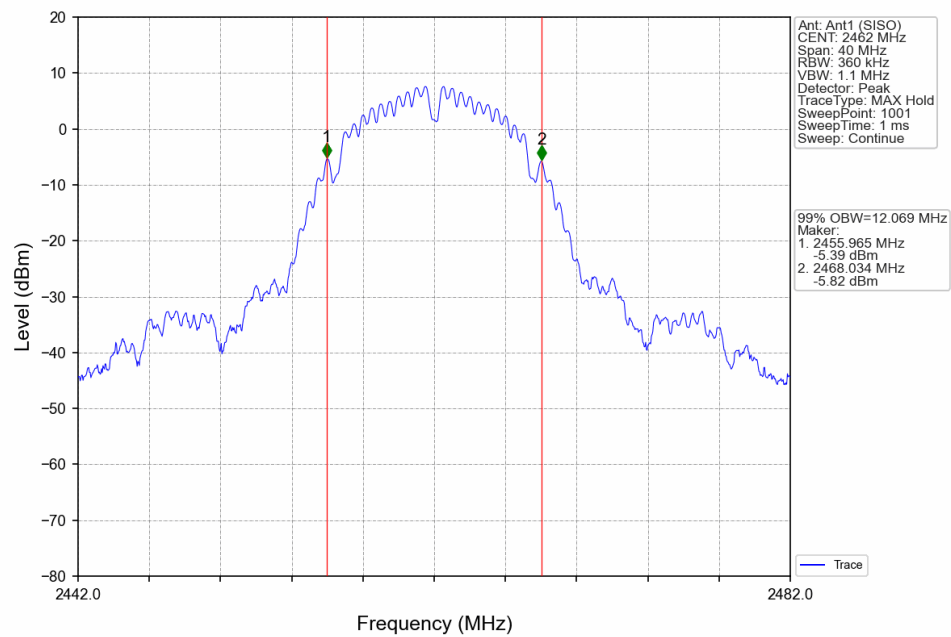
1.1.1 Test Result

Mode	TX Type	Frequency (MHz)	ANT	99% Occupied Bandwidth (MHz)		Verdict
				Result	Limit	
802.11b	SISO	2412	1	12.035	/	Pass
		2437	1	12.077	/	Pass
		2462	1	12.069	/	Pass
802.11g	SISO	2412	1	17.229	/	Pass
		2437	1	17.241	/	Pass
		2462	1	17.255	/	Pass
802.11n (HT20)	SISO	2412	1	17.919	/	Pass
		2437	1	17.931	/	Pass
		2462	1	17.921	/	Pass
802.11n (HT40)	SISO	2422	1	36.854	/	Pass
		2437	1	36.751	/	Pass
		2452	1	36.773	/	Pass

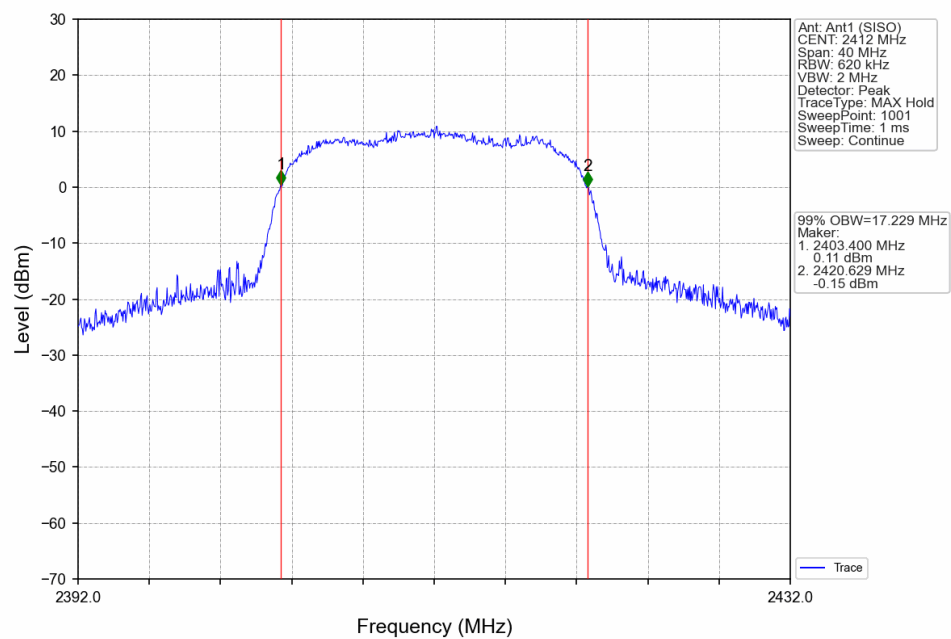
1.1.2 Test Graph

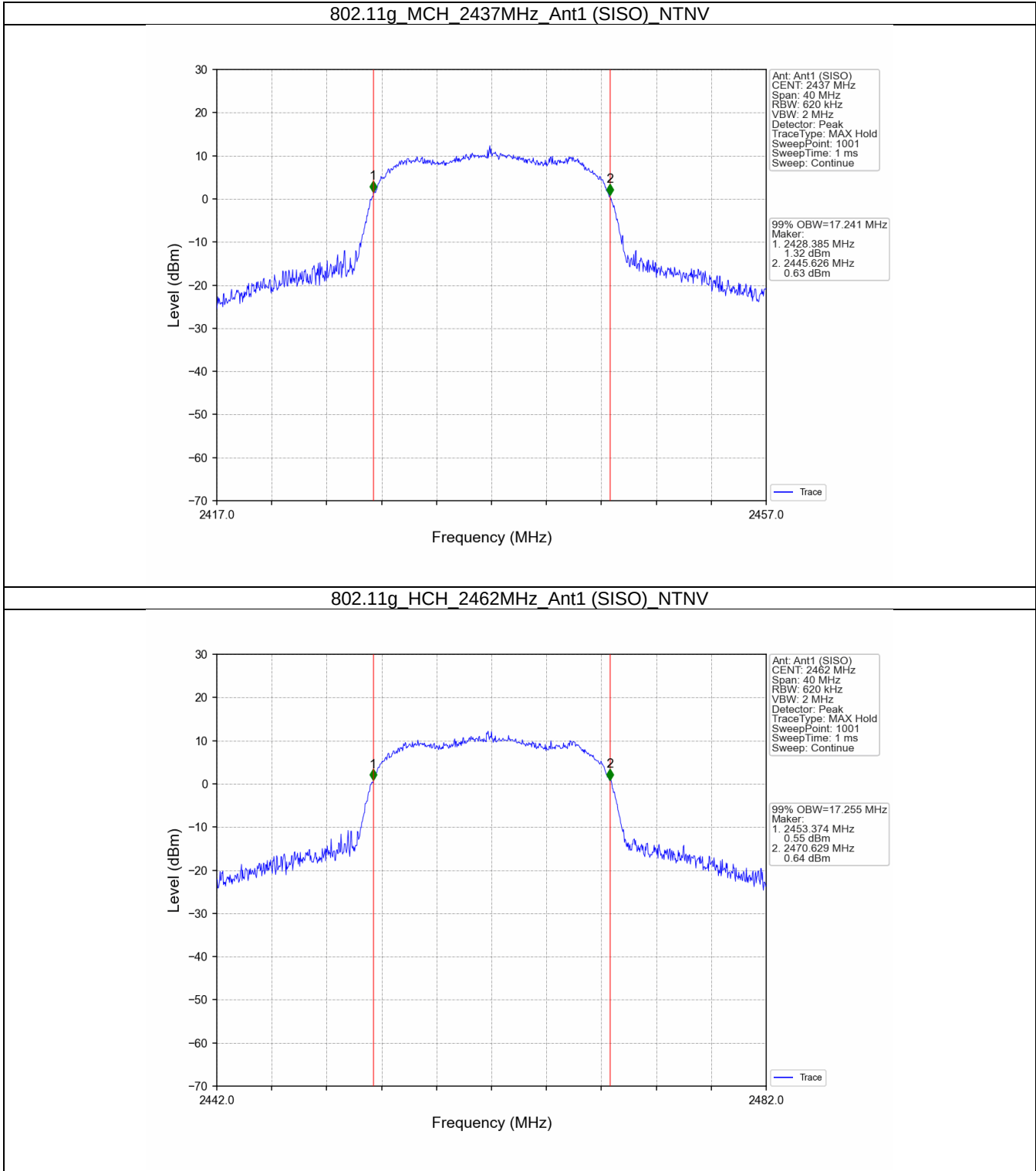


802.11b_HCH_2462MHz_Ant1 (SISO)_NTNV

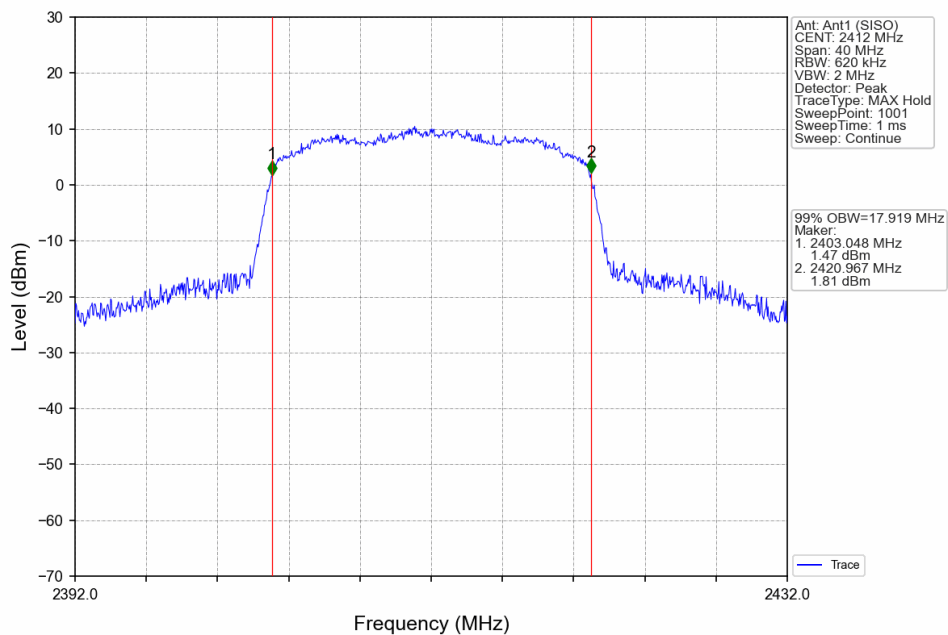


802.11g_LCH_2412MHz_Ant1 (SISO)_NTNV

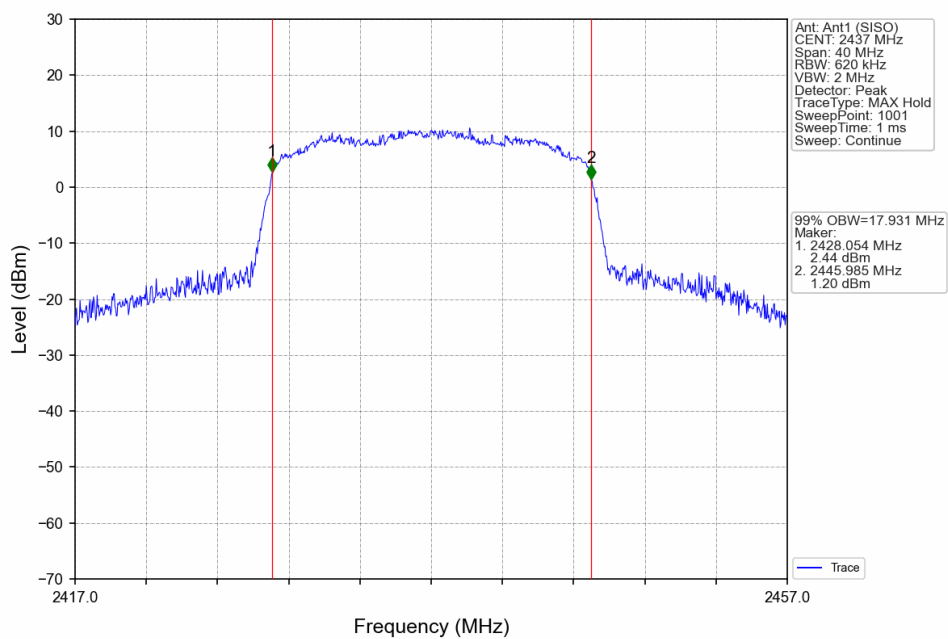




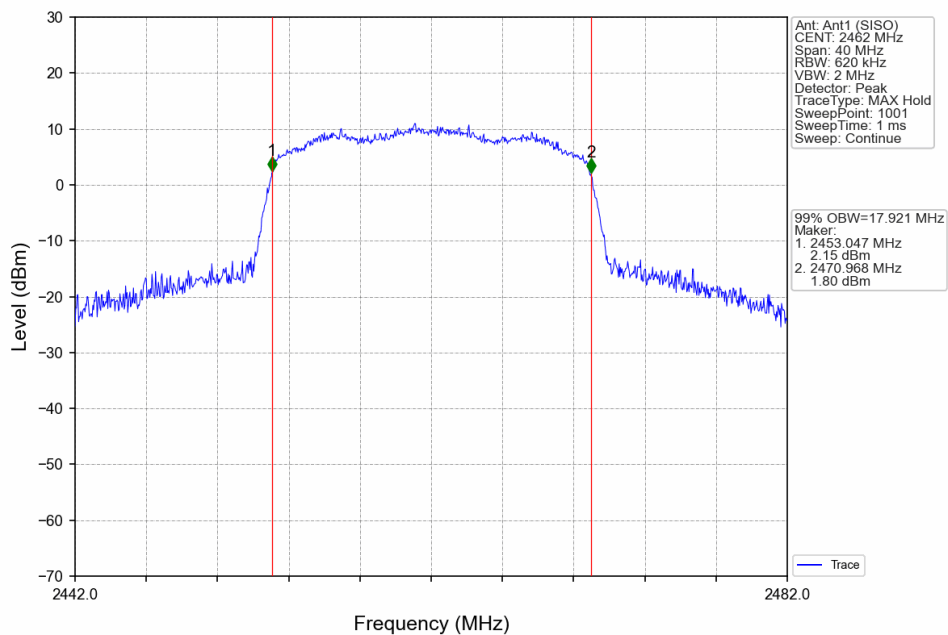
802.11n(HT20)_LCH_2412MHz_Ant1 (SISO)_NTNV



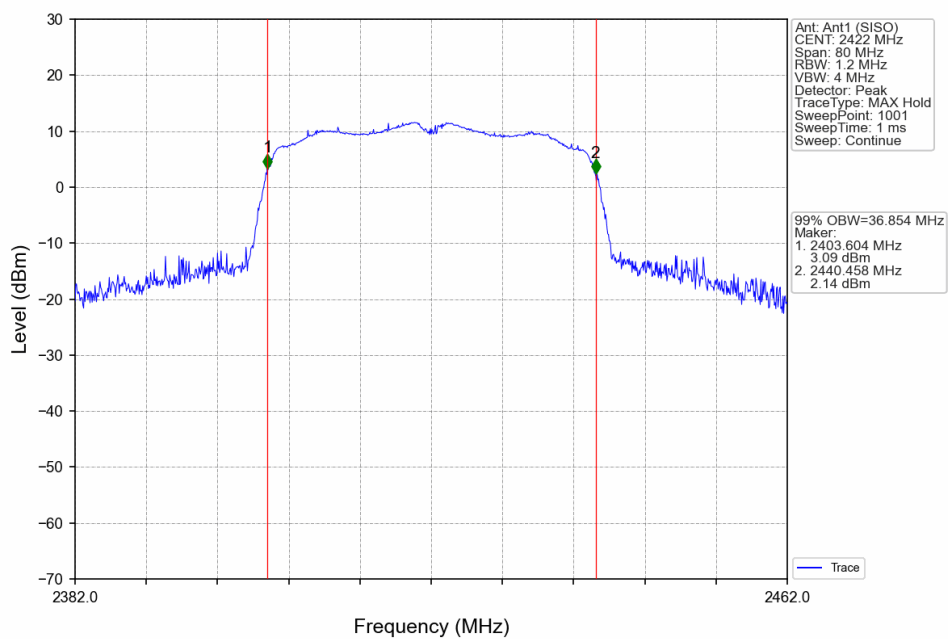
802.11n(HT20)_MCH_2437MHz_Ant1 (SISO)_NTNV



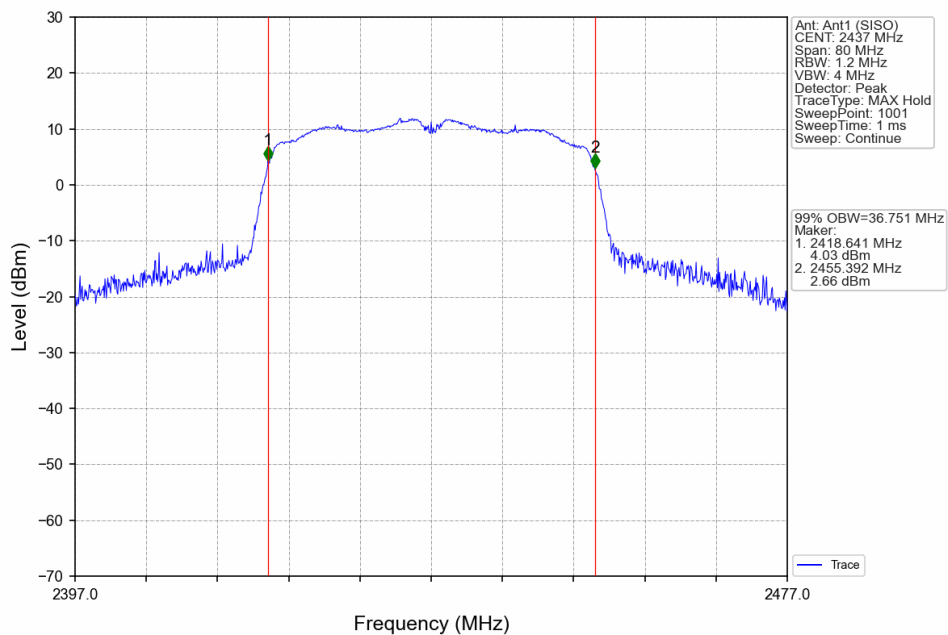
802.11n(HT20)_HCH_2462MHz_Ant1 (SISO)_NTNV



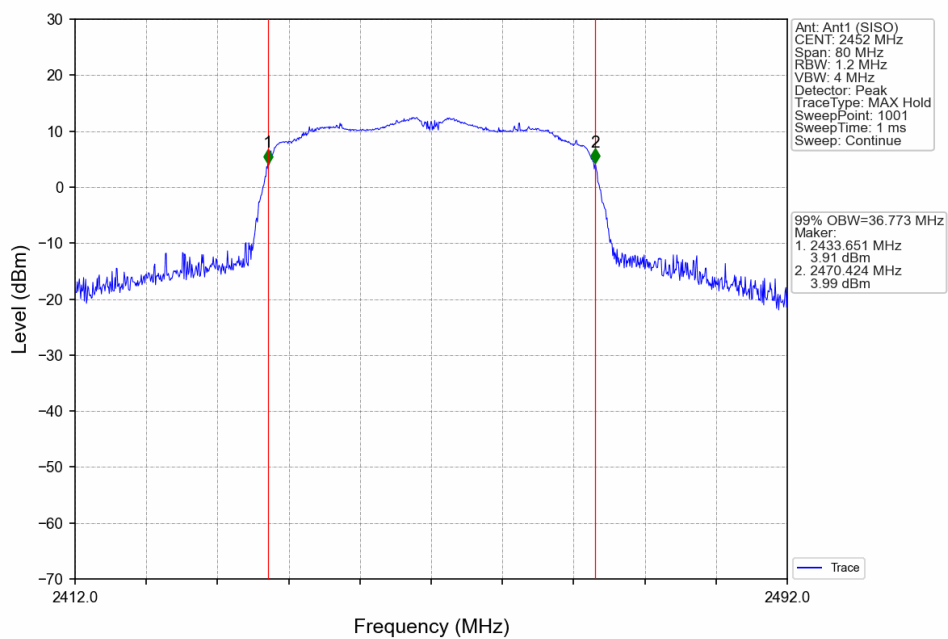
802.11n(HT40)_LCH_2422MHz_Ant1 (SISO)_NTNV



802.11n(HT40)_MCH_2437MHz_Ant1 (SISO)_NTNV



802.11n(HT40)_HCH_2452MHz_Ant1 (SISO)_NTNV

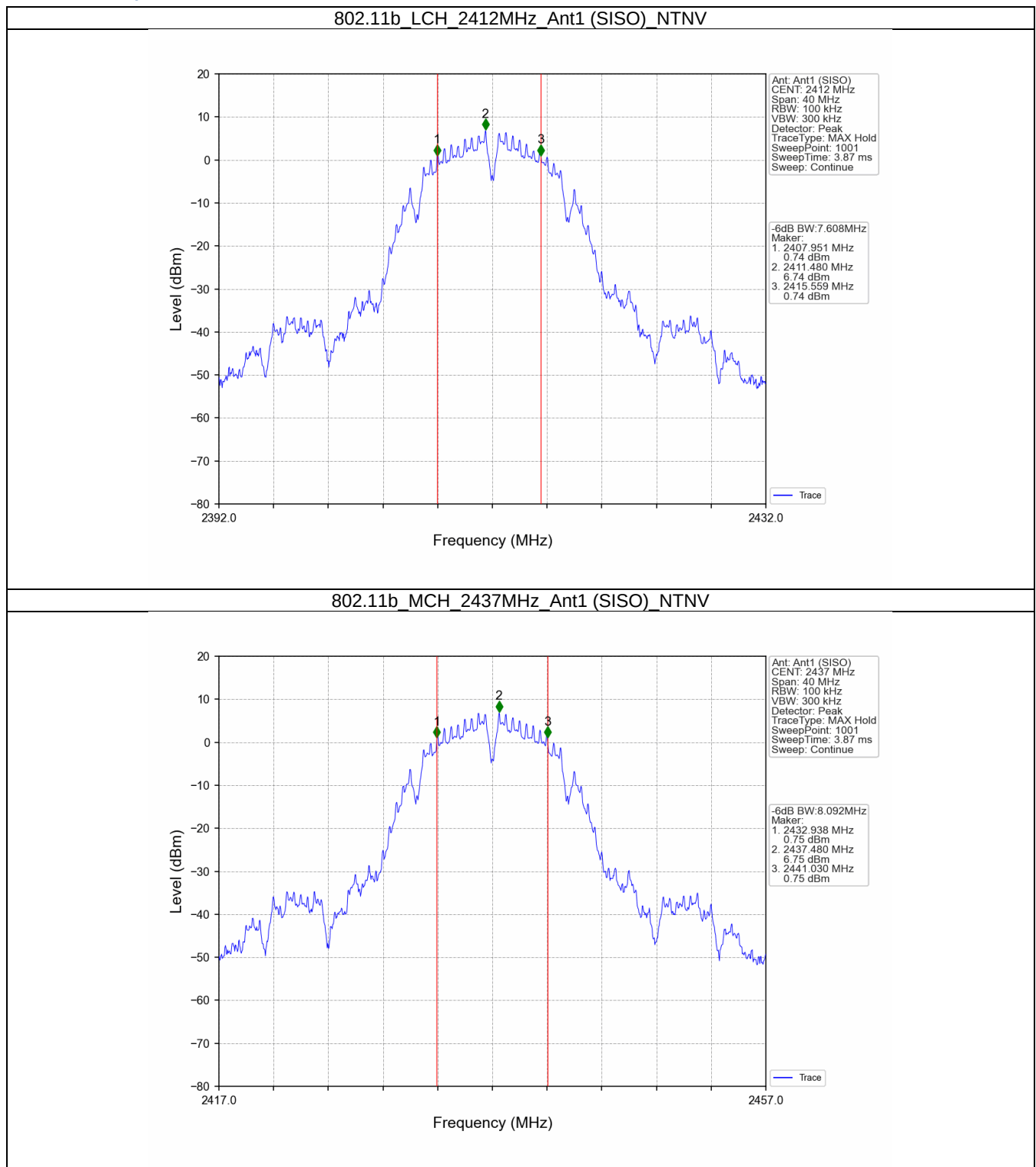


1.2 6dB BW

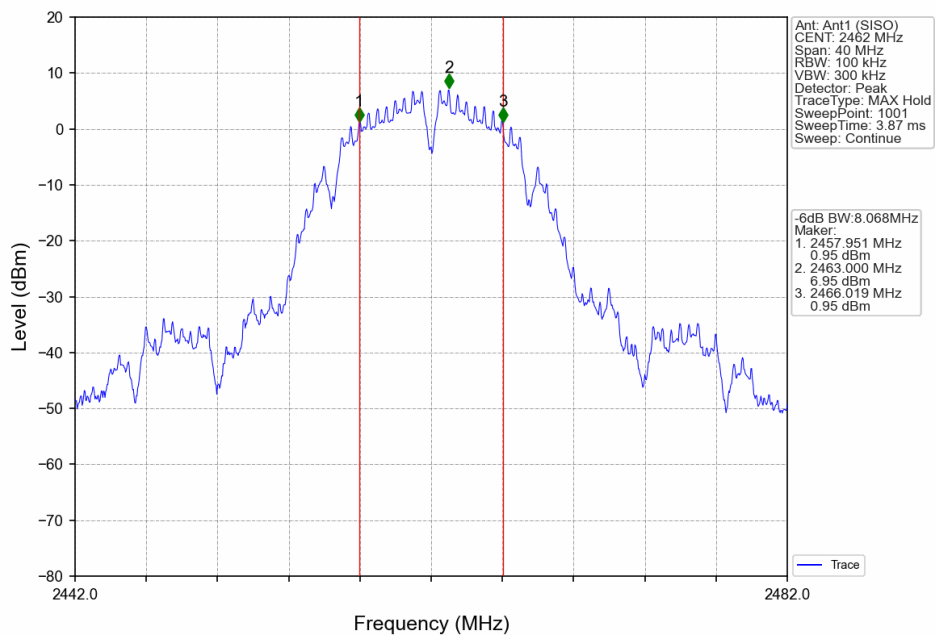
1.2.1 Test Result

Mode	TX Type	Frequency (MHz)	ANT	6dB Bandwidth (MHz)		Verdict
				Result	Limit	
802.11b	SISO	2412	1	7.608	≥ 0.5	Pass
		2437	1	8.092	≥ 0.5	Pass
		2462	1	8.068	≥ 0.5	Pass
802.11g	SISO	2412	1	15.144	≥ 0.5	Pass
		2437	1	15.148	≥ 0.5	Pass
		2462	1	15.148	≥ 0.5	Pass
802.11n (HT20)	SISO	2412	1	15.133	≥ 0.5	Pass
		2437	1	15.147	≥ 0.5	Pass
		2462	1	15.146	≥ 0.5	Pass
802.11n (HT40)	SISO	2422	1	35.152	≥ 0.5	Pass
		2437	1	35.155	≥ 0.5	Pass
		2452	1	35.152	≥ 0.5	Pass

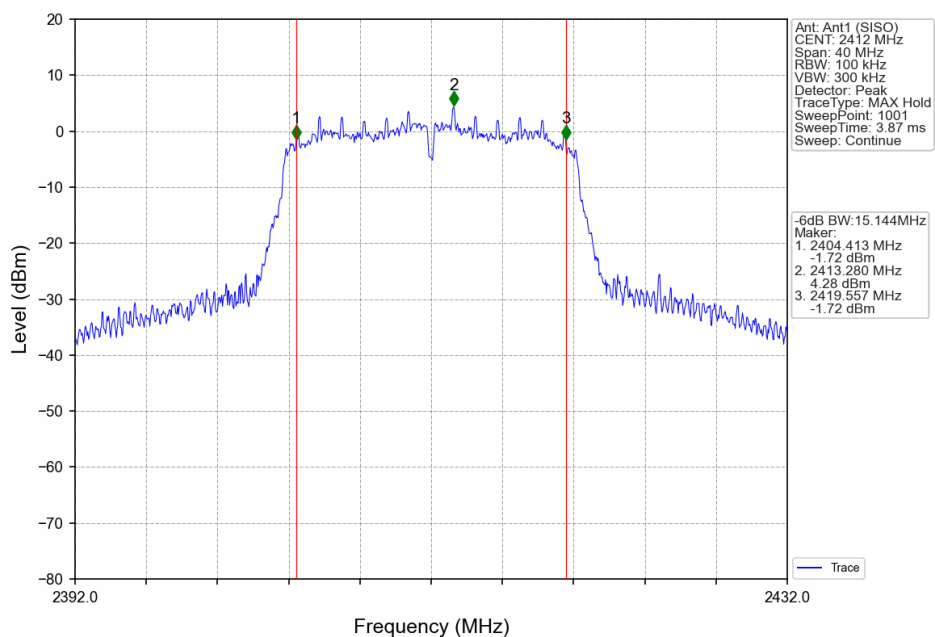
1.2.2 Test Graph



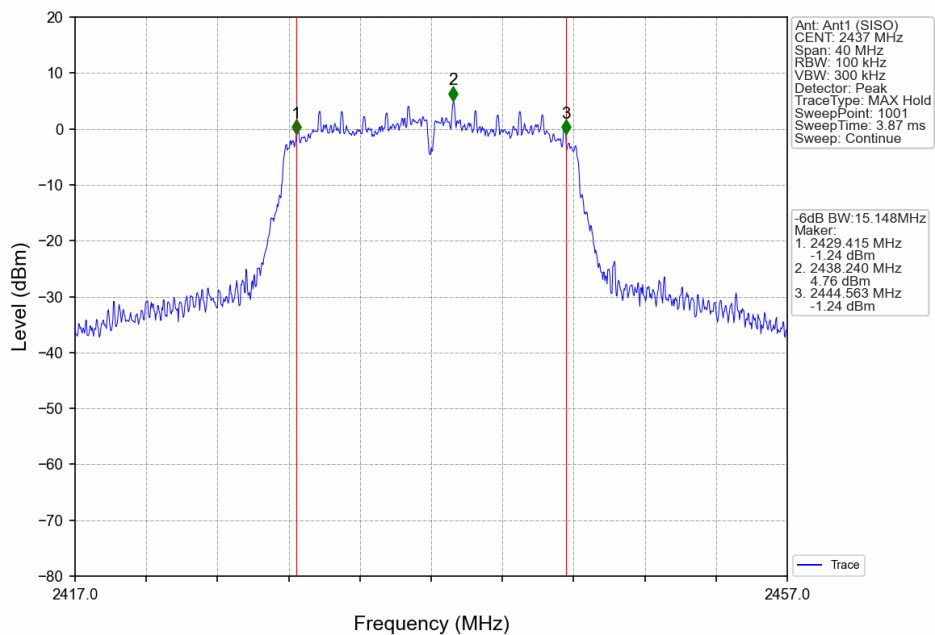
802.11b_HCH_2462MHz_Ant1 (SISO)_NTNV



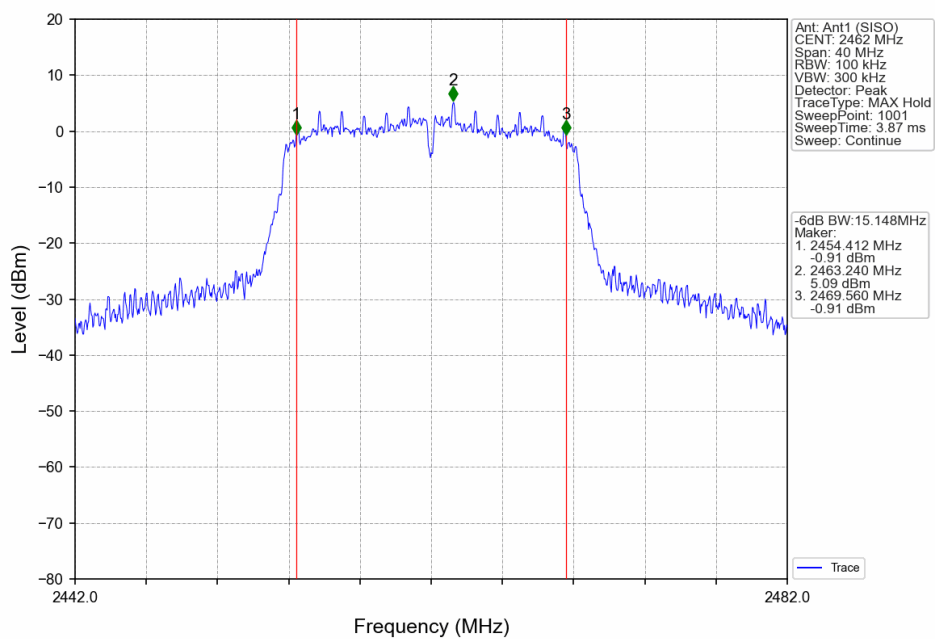
802.11g_LCH_2412MHz_Ant1 (SISO)_NTNV



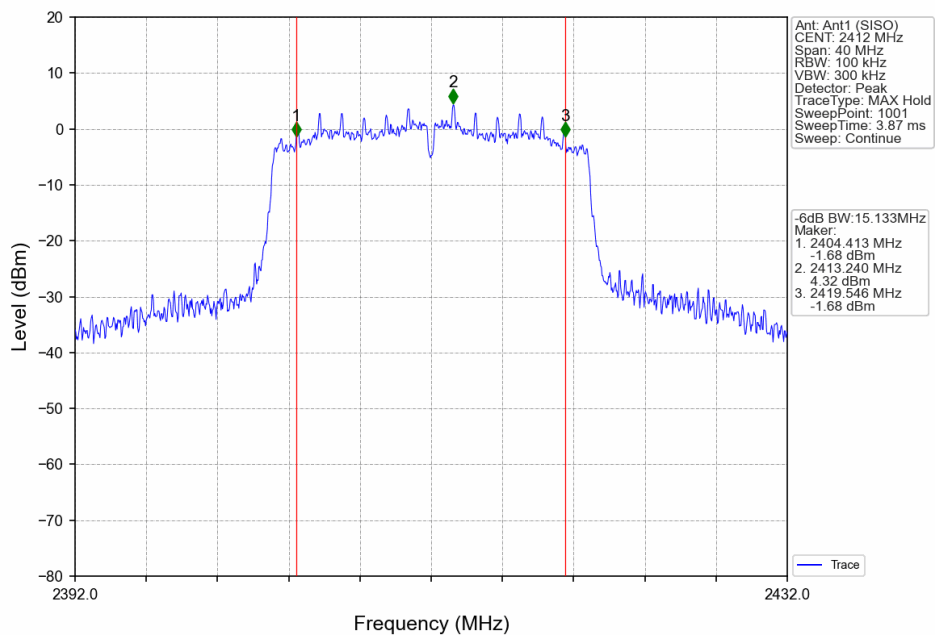
802.11g_MCH_2437MHz_Ant1 (SISO)_NTNV



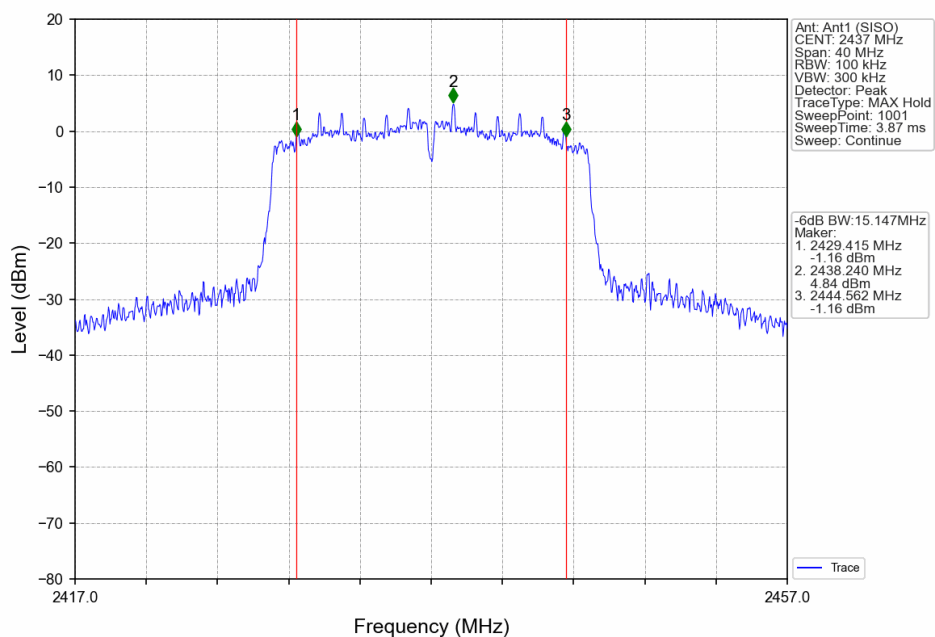
802.11g_HCH_2462MHz_Ant1 (SISO)_NTNV



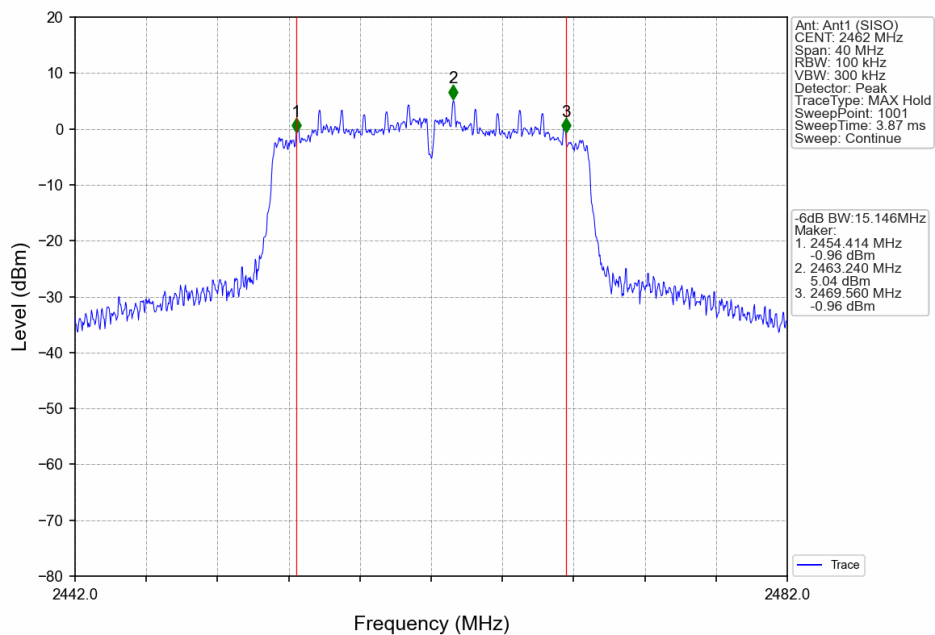
802.11n(HT20)_LCH_2412MHz_Ant1 (SISO)_NTNV



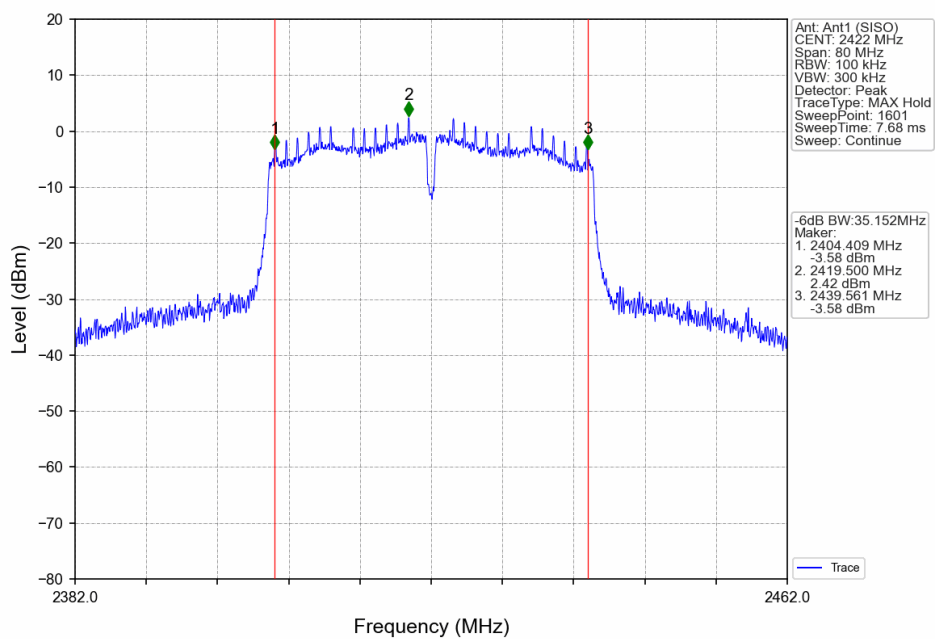
802.11n(HT20)_MCH_2437MHz_Ant1 (SISO)_NTNV



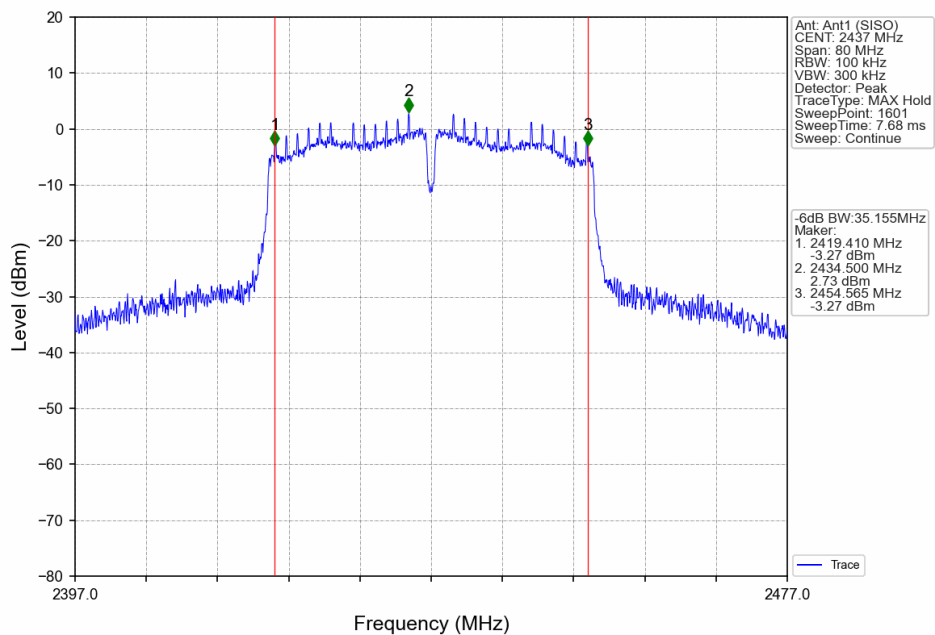
802.11n(HT20)_HCH_2462MHz_Ant1 (SISO)_NTNV



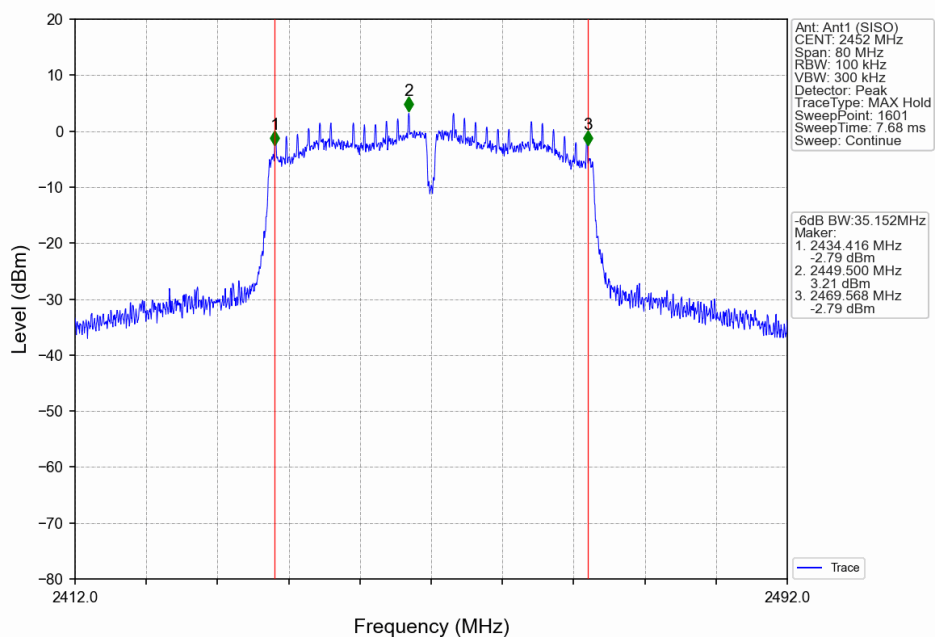
802.11n(HT40)_LCH_2422MHz_Ant1 (SISO)_NTNV



802.11n(HT40)_MCH_2437MHz_Ant1 (SISO)_NTNV



802.11n(HT40)_HCH_2452MHz_Ant1 (SISO)_NTNV



2. Maximum Conducted Output Power

2.1 Power

2.1.1 Test Result

Mode	TX Type	Frequency (MHz)	Maximum Average Conducted Output Power (dBm)		Verdict
			ANT1	Limit	
802.11b	SISO	2412	14.10	<=30	Pass
		2437	14.62	<=30	Pass
		2462	14.83	<=30	Pass
802.11g	SISO	2412	14.23	<=30	Pass
		2437	14.80	<=30	Pass
		2462	15.01	<=30	Pass
802.11n (HT20)	SISO	2412	14.16	<=30	Pass
		2437	14.62	<=30	Pass
		2462	14.85	<=30	Pass
802.11n (HT40)	SISO	2422	15.11	<=30	Pass
		2437	15.46	<=30	Pass
		2452	15.80	<=30	Pass

Note1: Antenna Gain: Ant1: 4.08dBi;

3. Maximum Power Spectral Density

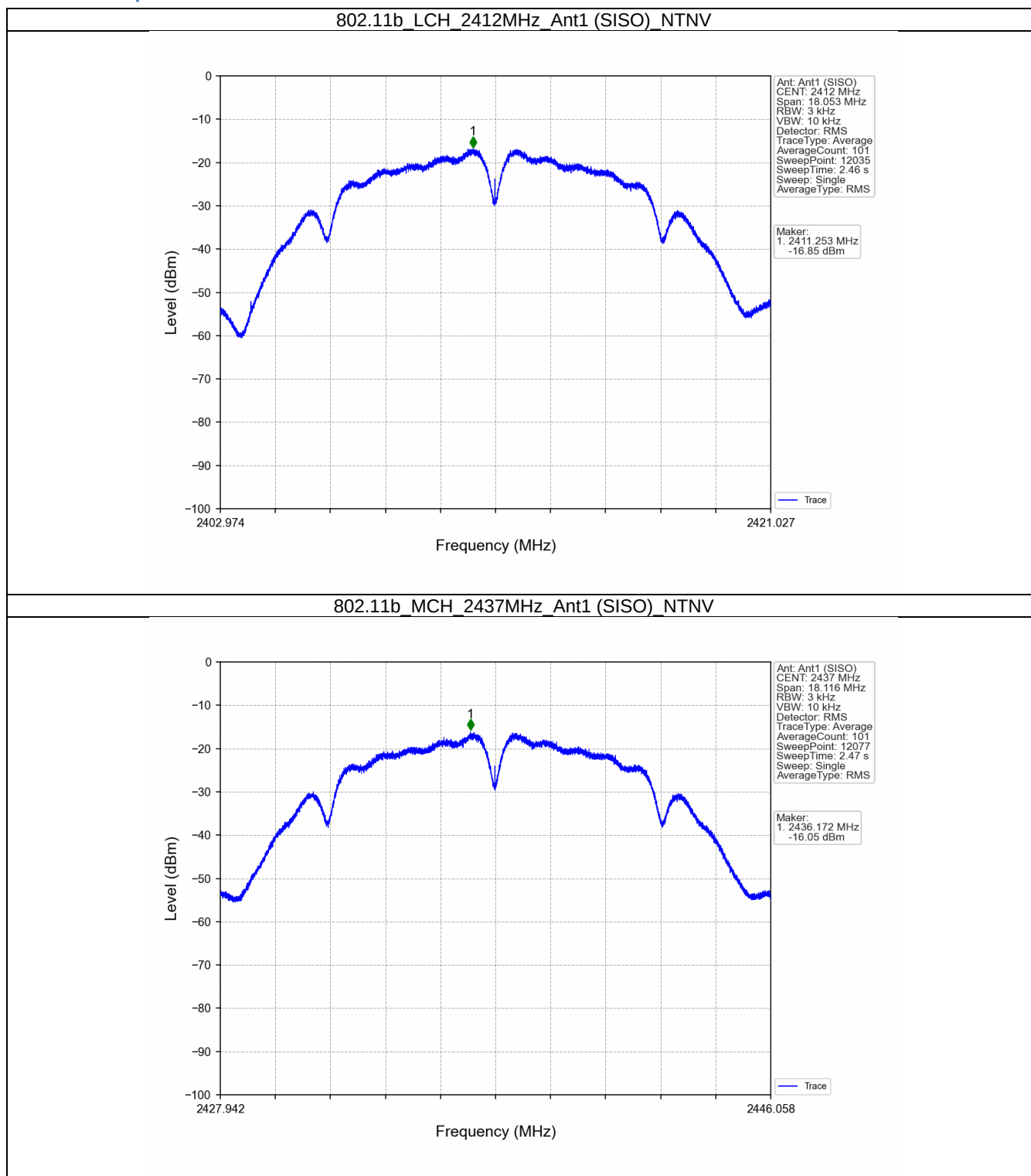
3.1 PSD

3.1.1 Test Result

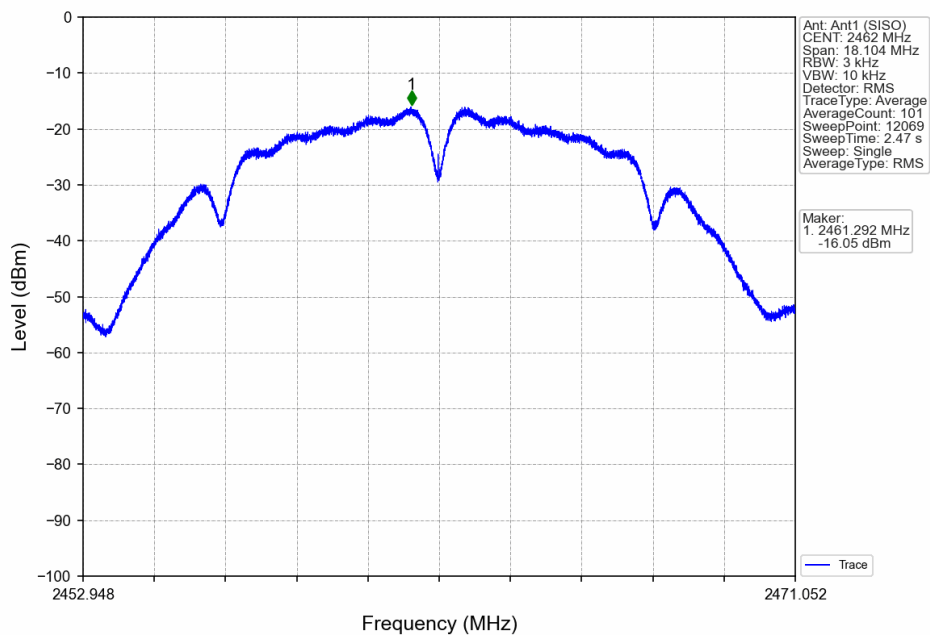
Mode	TX Type	Frequency (MHz)	Maximum PSD (dBm/3kHz)		Verdict
			ANT1	Limit	
802.11b	SISO	2412	-16.85	<=8	Pass
		2437	-16.05	<=8	Pass
		2462	-16.05	<=8	Pass
802.11g	SISO	2412	-18.49	<=8	Pass
		2437	-17.95	<=8	Pass
		2462	-17.89	<=8	Pass
802.11n (HT20)	SISO	2412	-18.97	<=8	Pass
		2437	-18.16	<=8	Pass
		2462	-18.15	<=8	Pass
802.11n (HT40)	SISO	2422	-19.22	<=8	Pass
		2437	-19.54	<=8	Pass
		2452	-19.16	<=8	Pass

Note1: Antenna Gain: Ant1: 4.08dBi;

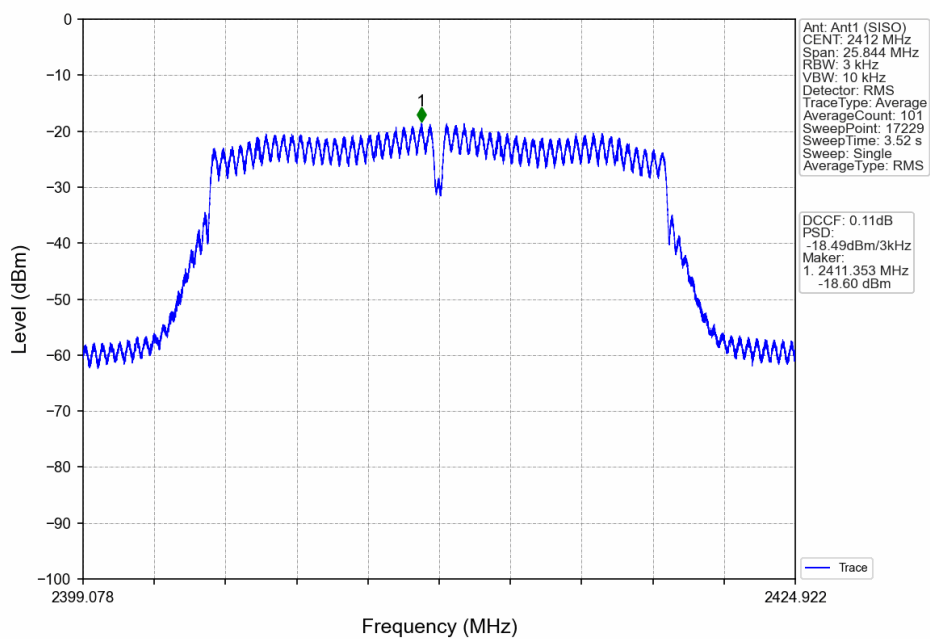
3.1.2 Test Graph



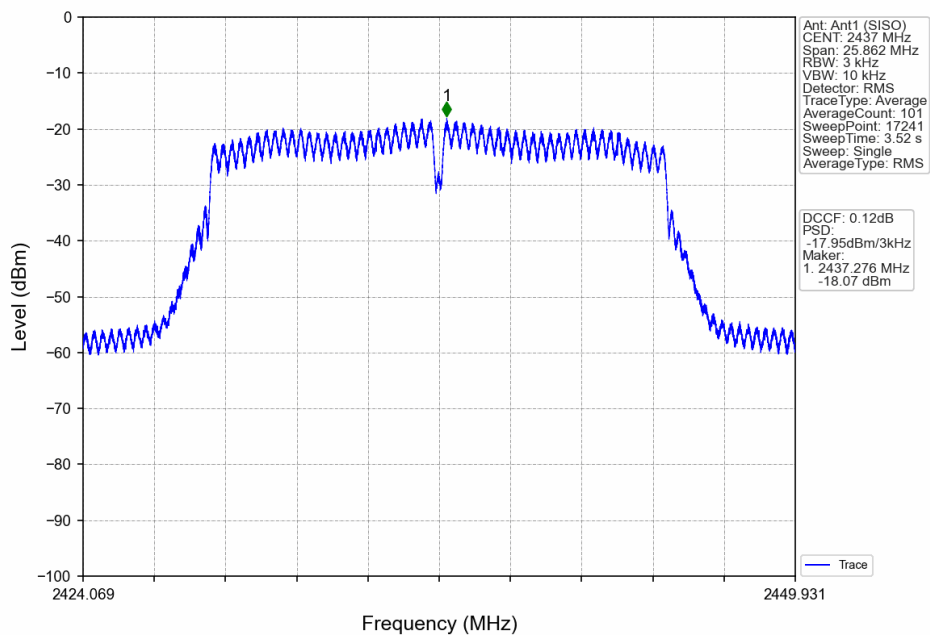
802.11b_HCH_2462MHz_Ant1 (SISO)_NTNV



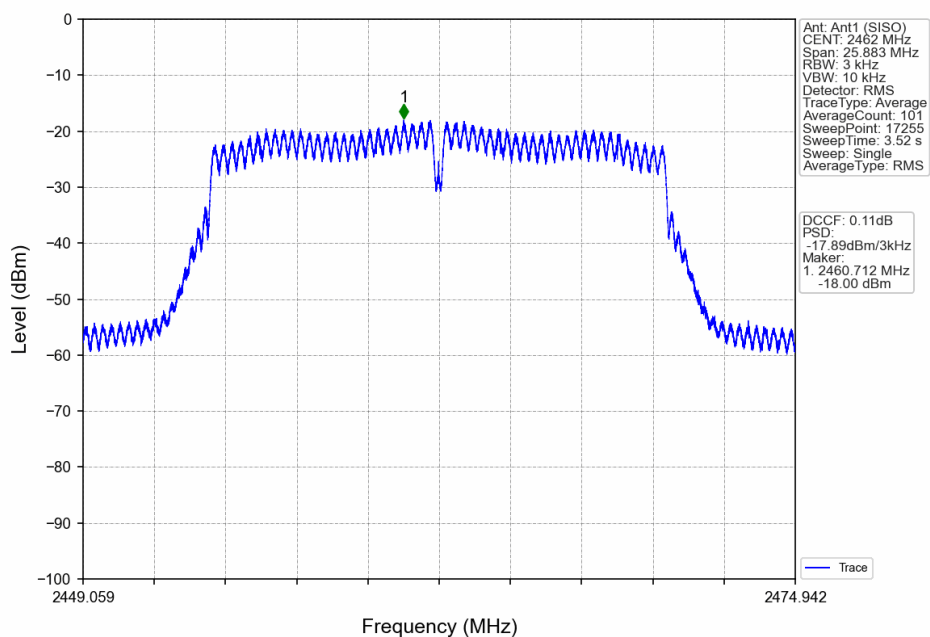
802.11g_LCH_2412MHz_Ant1 (SISO)_NTNV



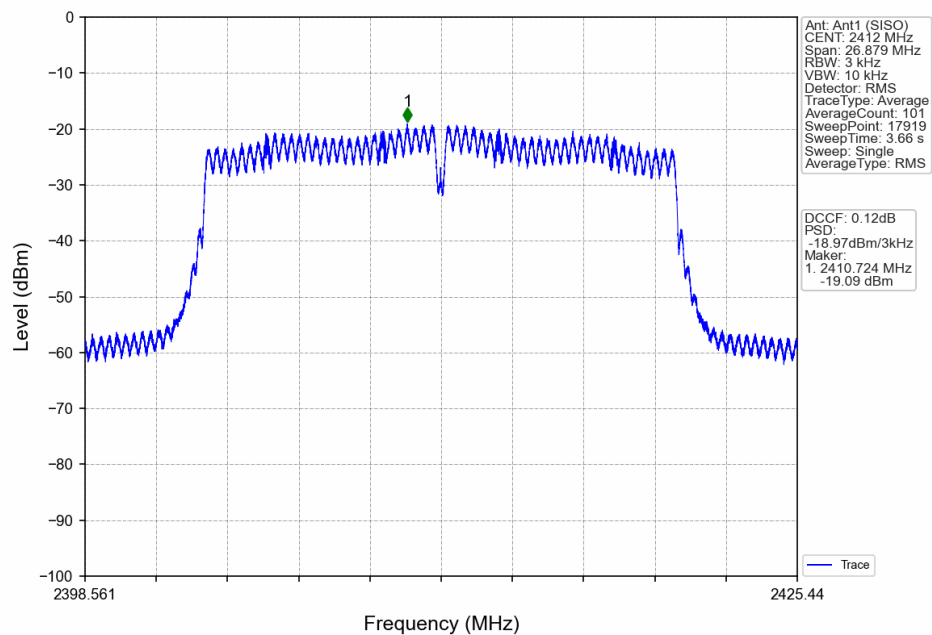
802.11g_MCH_2437MHz_Ant1 (SISO)_NTNV



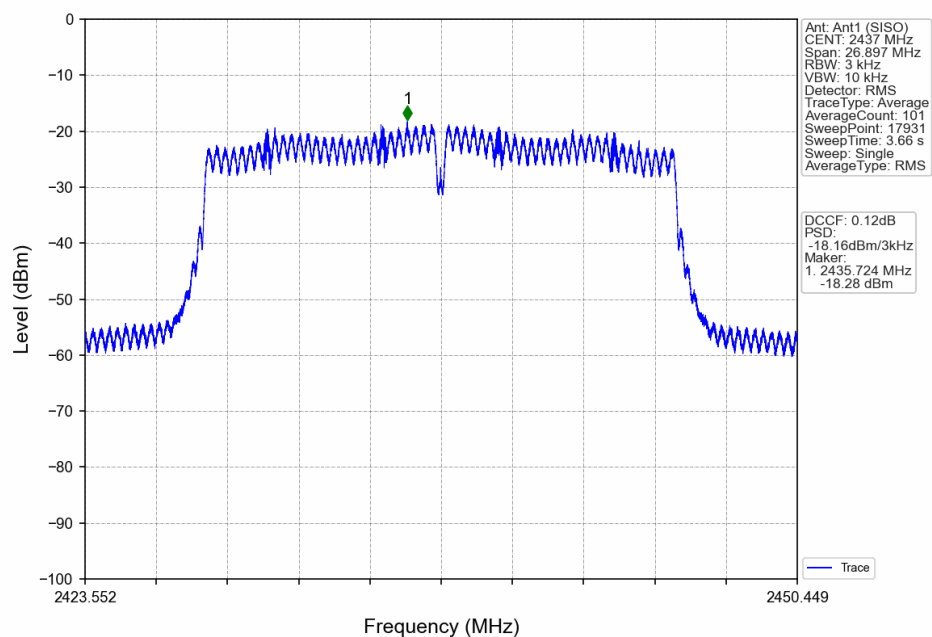
802.11g_HCH_2462MHz_Ant1 (SISO)_NTNV



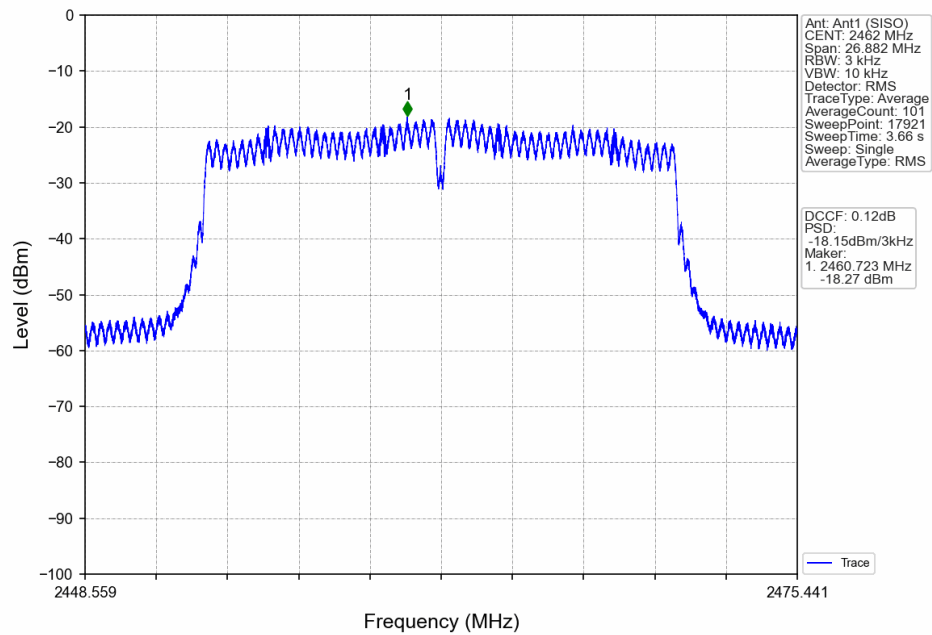
802.11n(HT20)_LCH_2412MHz_Ant1 (SISO)_NTNV



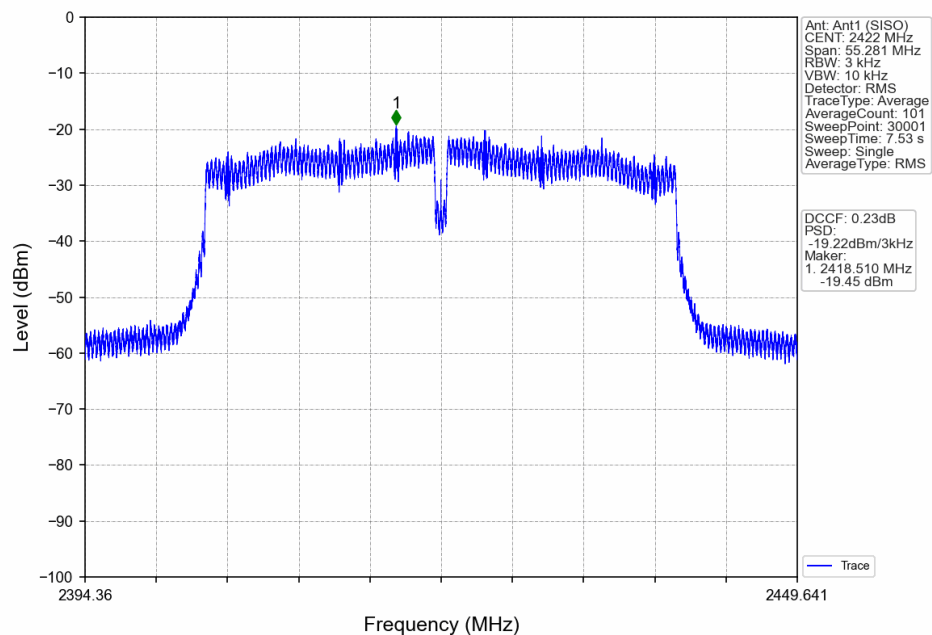
802.11n(HT20)_MCH_2437MHz_Ant1 (SISO)_NTNV



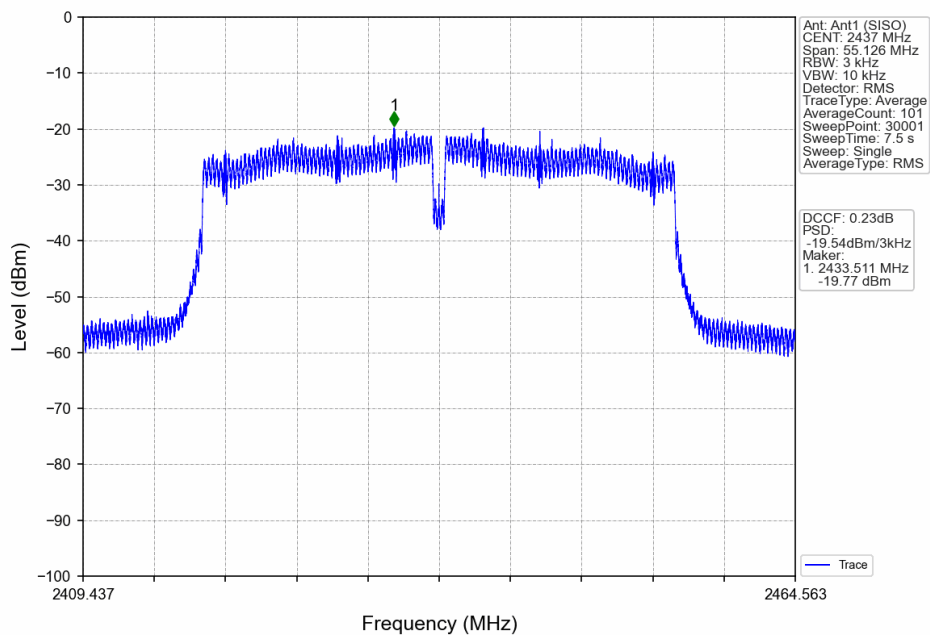
802.11n(HT20)_HCH_2462MHz_Ant1 (SISO)_NTNV



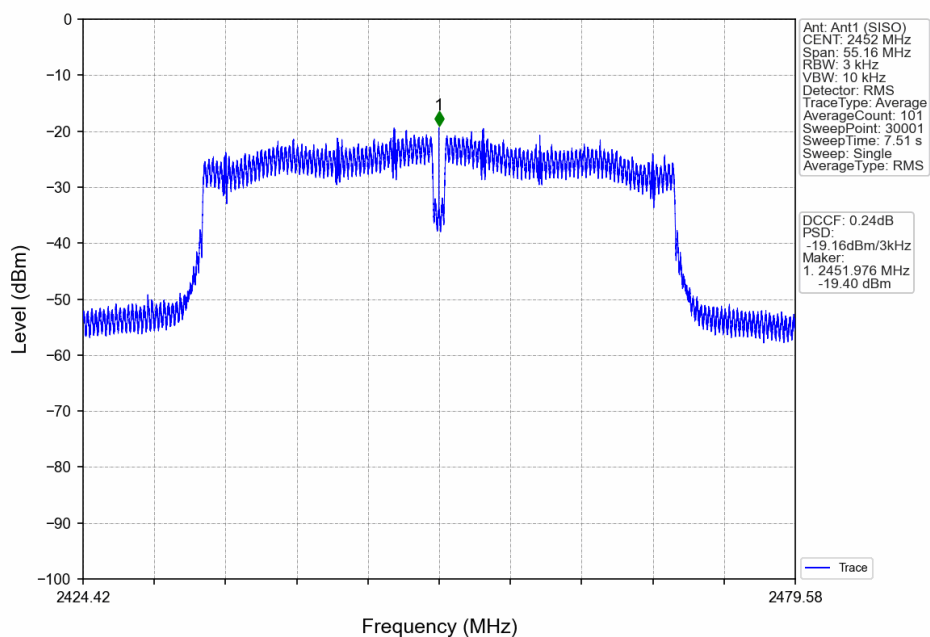
802.11n(HT40)_LCH_2422MHz_Ant1 (SISO)_NTNV



802.11n(HT40)_MCH_2437MHz_Ant1 (SISO)_NTNV



802.11n(HT40)_HCH_2452MHz_Ant1 (SISO)_NTNV



4. Unwanted Emissions In Non-restricted Frequency Bands

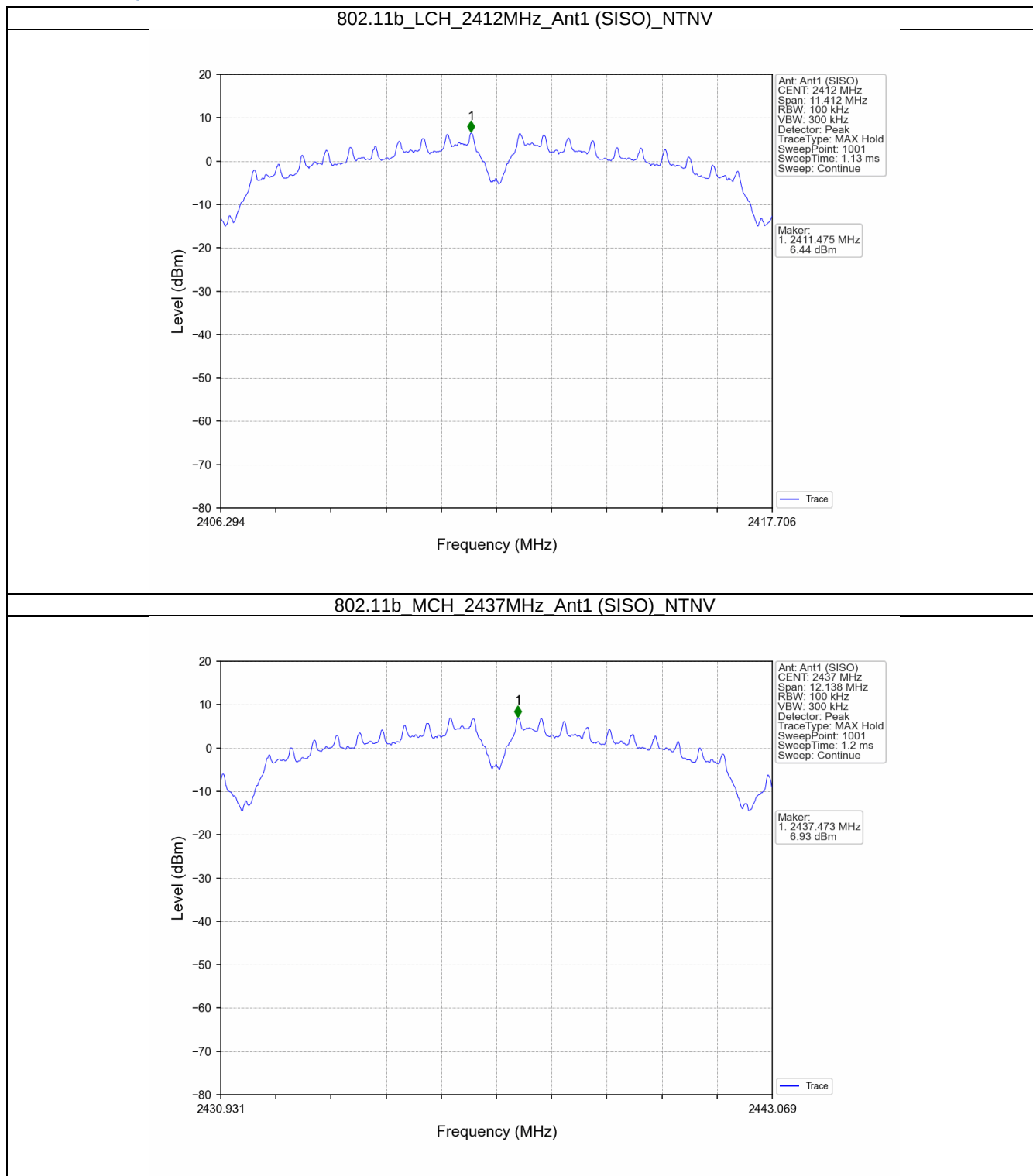
4.1 Ref

4.1.1 Test Result

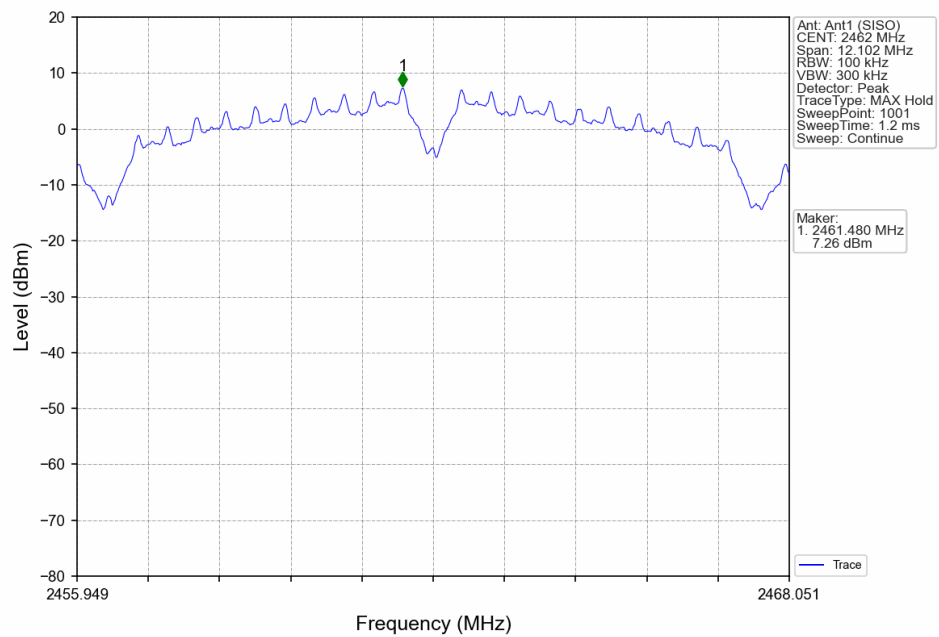
Mode	TX Type	Frequency (MHz)	ANT	Level of Reference (dBm)
802.11b	SISO	2412	1	6.44
		2437	1	6.93
		2462	1	7.26
802.11g	SISO	2412	1	4.26
		2437	1	4.65
		2462	1	4.93
802.11n (HT20)	SISO	2412	1	4.20
		2437	1	4.55
		2462	1	4.71
802.11n (HT40)	SISO	2422	1	2.18
		2437	1	2.65
		2452	1	2.84

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.

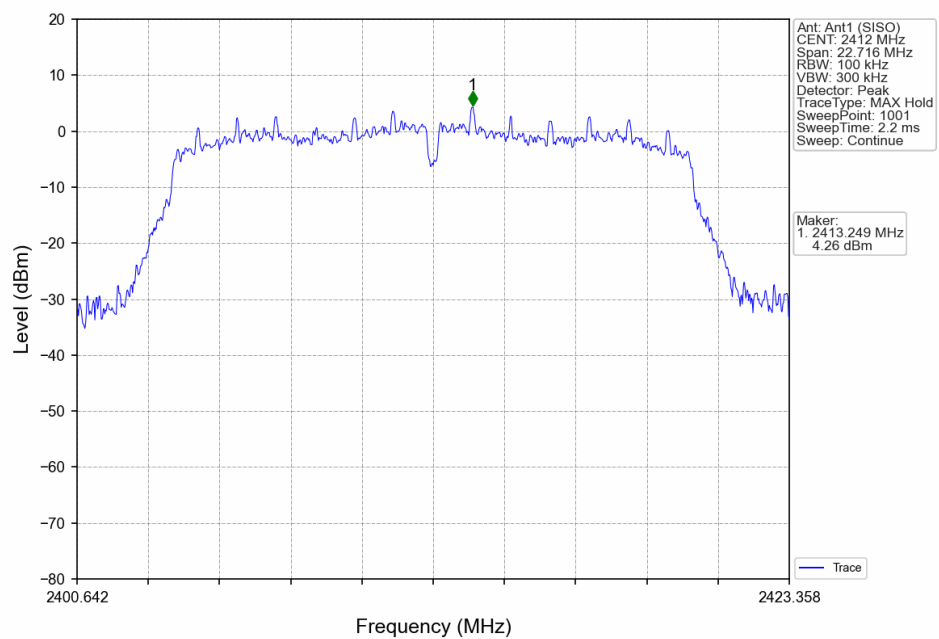
4.1.2 Test Graph



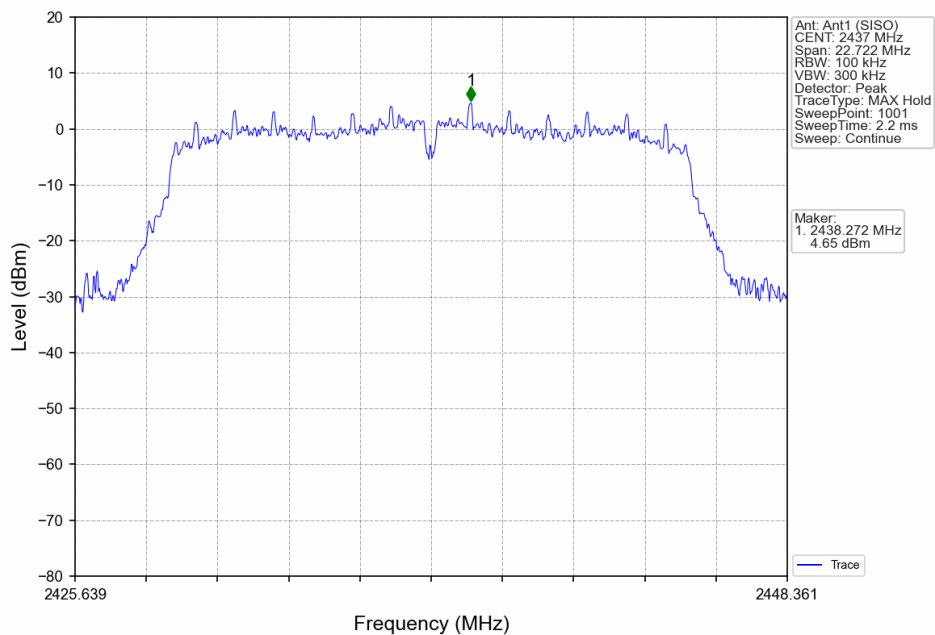
802.11b_HCH_2462MHz_Ant1 (SISO)_NTNV



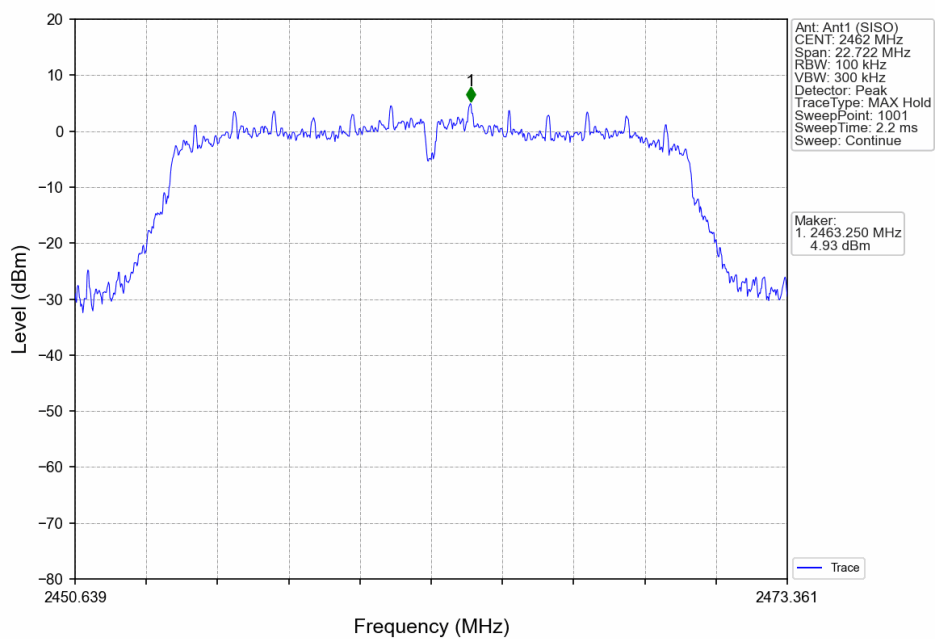
802.11g_LCH_2412MHz_Ant1 (SISO)_NTNV



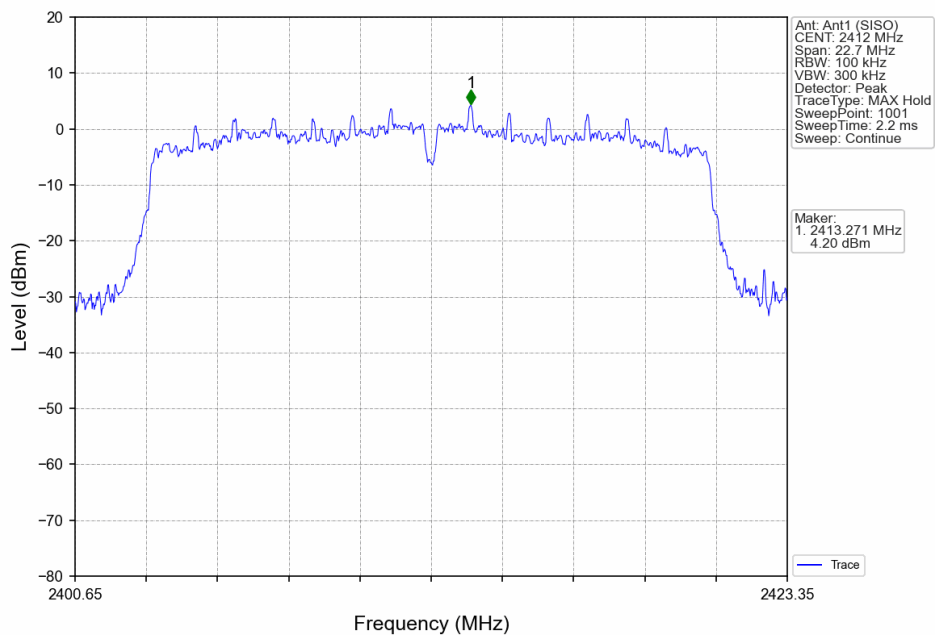
802.11g_MCH_2437MHz_Ant1 (SISO)_NTNV



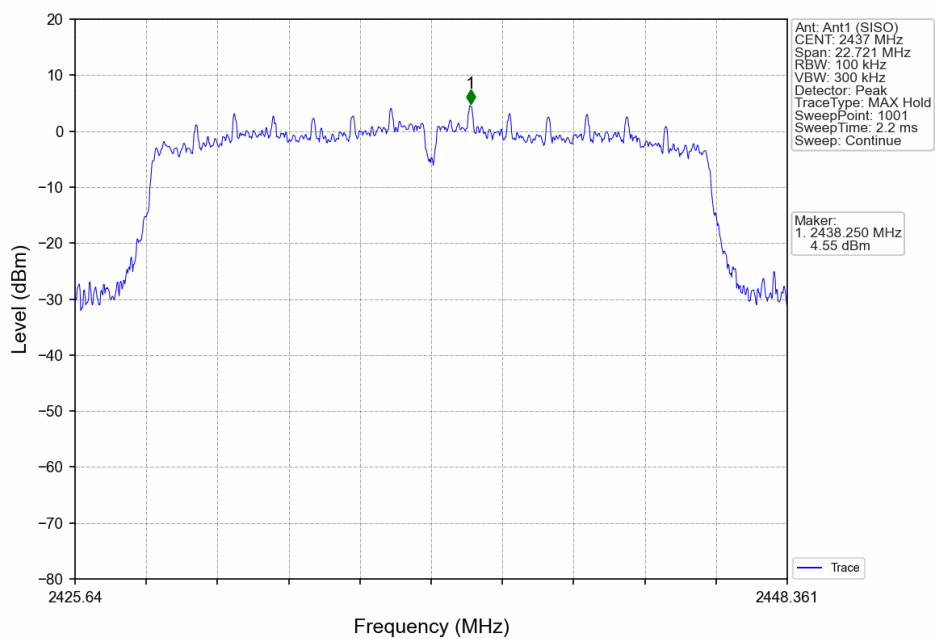
802.11g_HCH_2462MHz_Ant1 (SISO)_NTNV



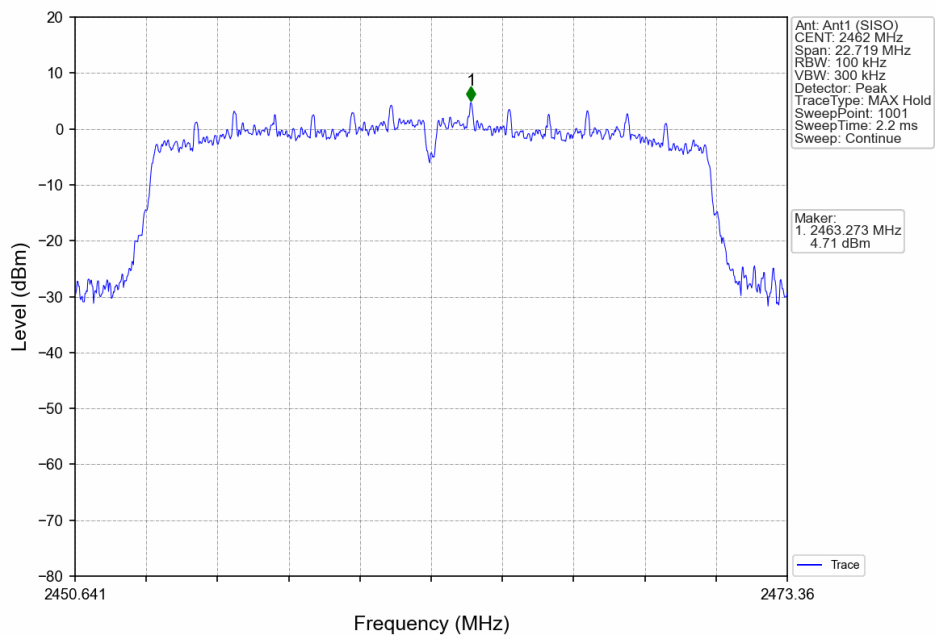
802.11n(HT20)_LCH_2412MHz_Ant1 (SISO)_NTNV



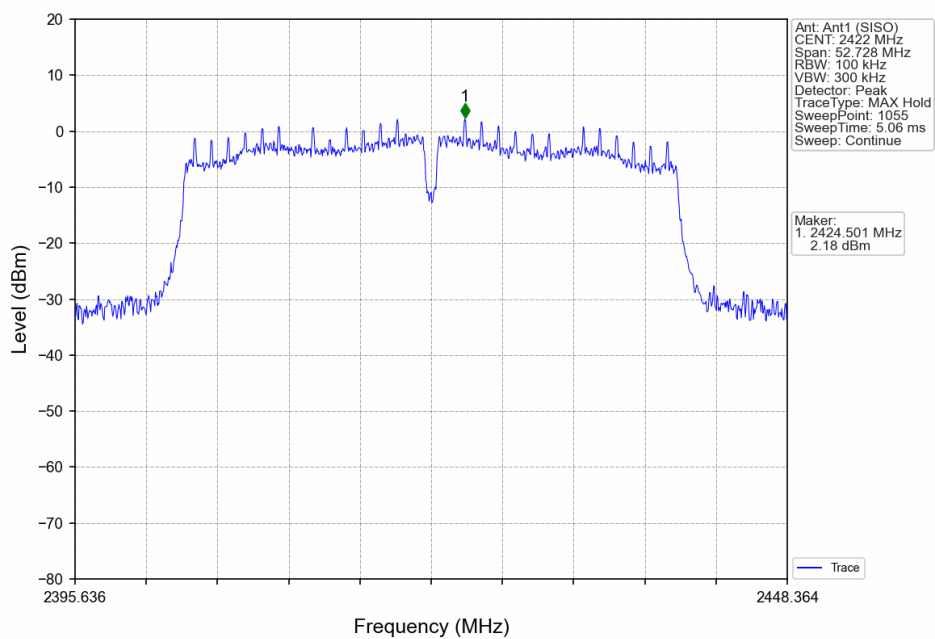
802.11n(HT20)_MCH_2437MHz_Ant1 (SISO)_NTNV



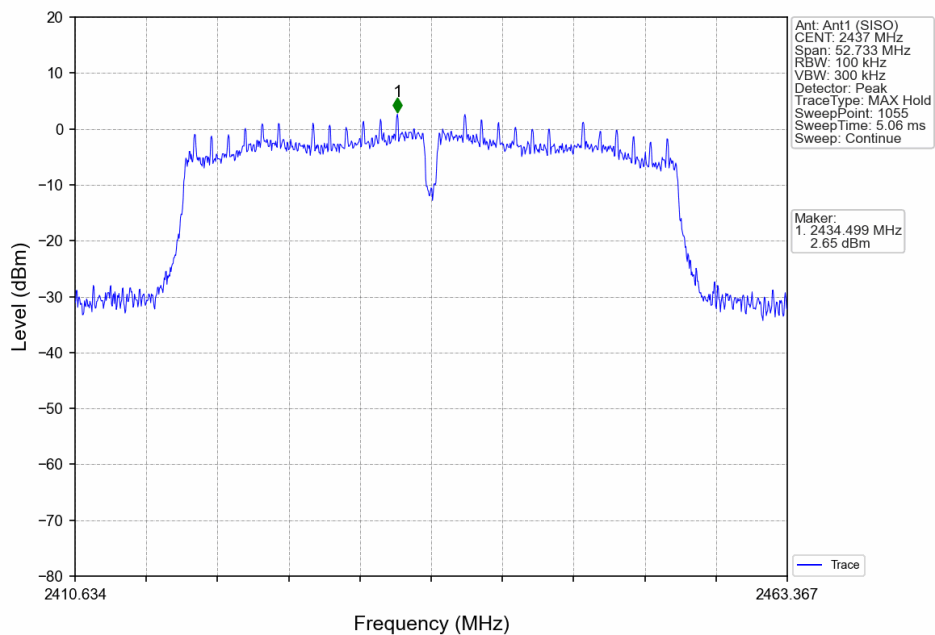
802.11n(HT20)_HCH_2462MHz_Ant1 (SISO)_NTNV



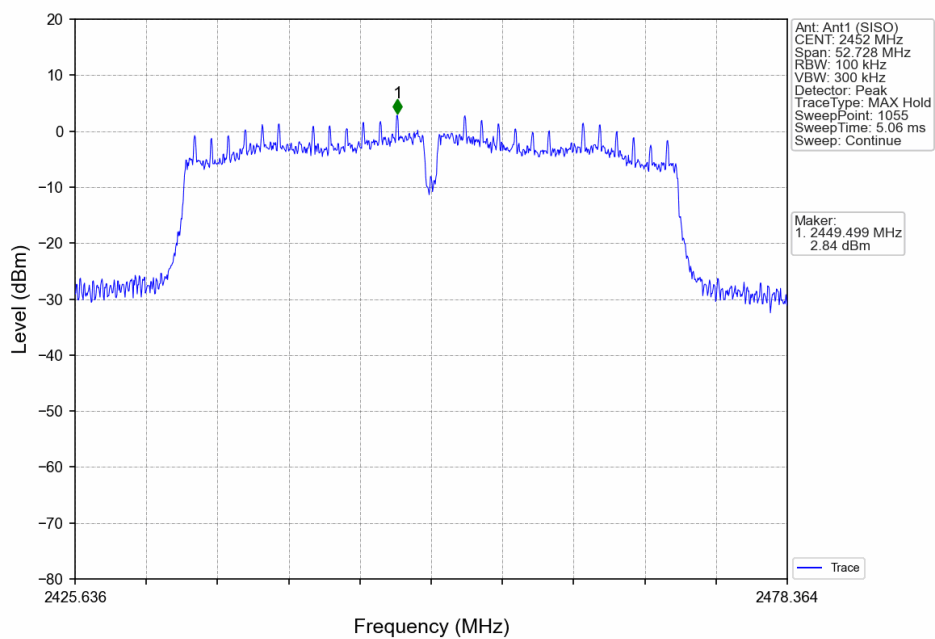
802.11n(HT40)_LCH_2422MHz_Ant1 (SISO)_NTNV



802.11n(HT40)_MCH_2437MHz_Ant1 (SISO)_NTNV

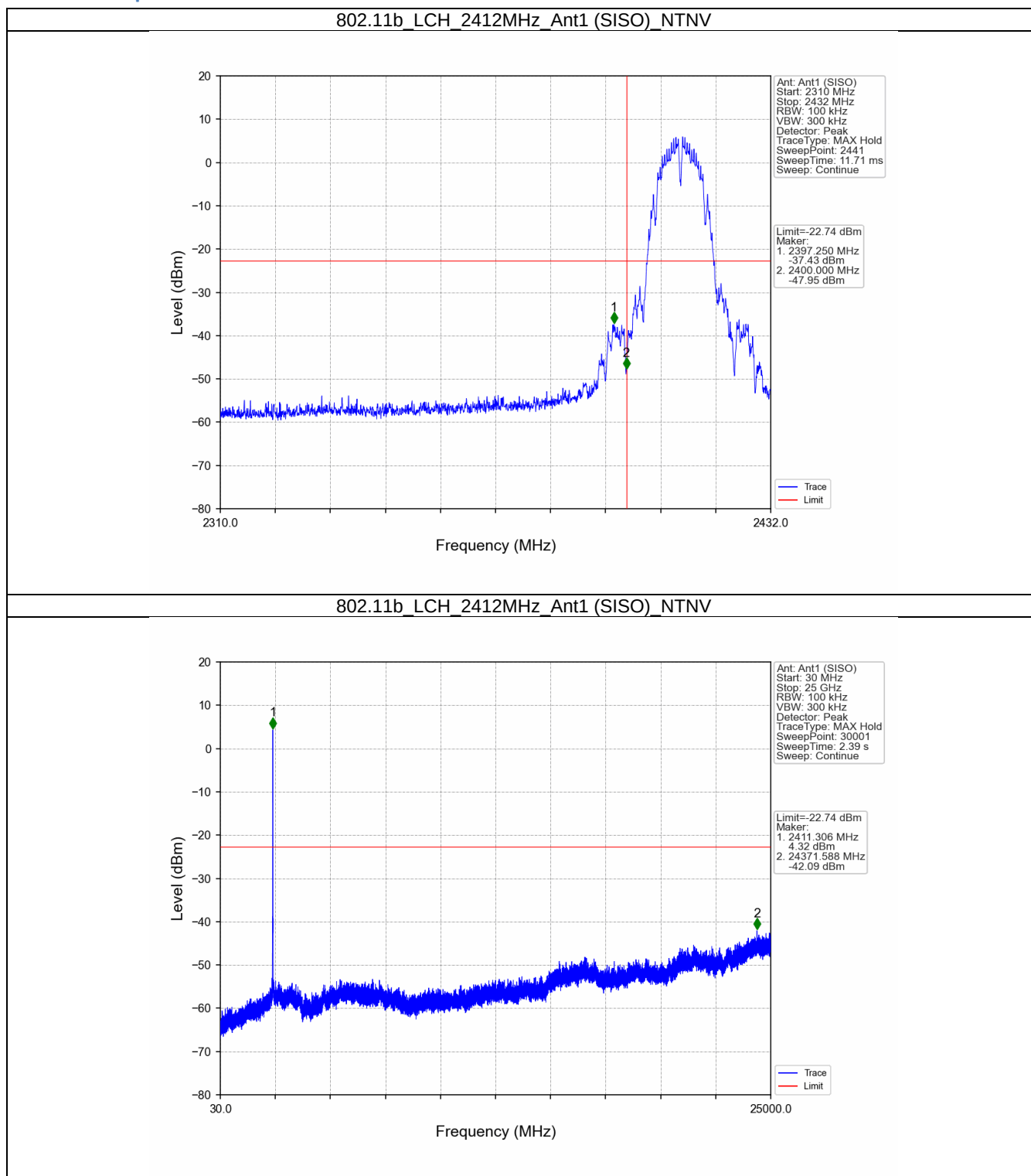


802.11n(HT40)_HCH_2452MHz_Ant1 (SISO)_NTNV

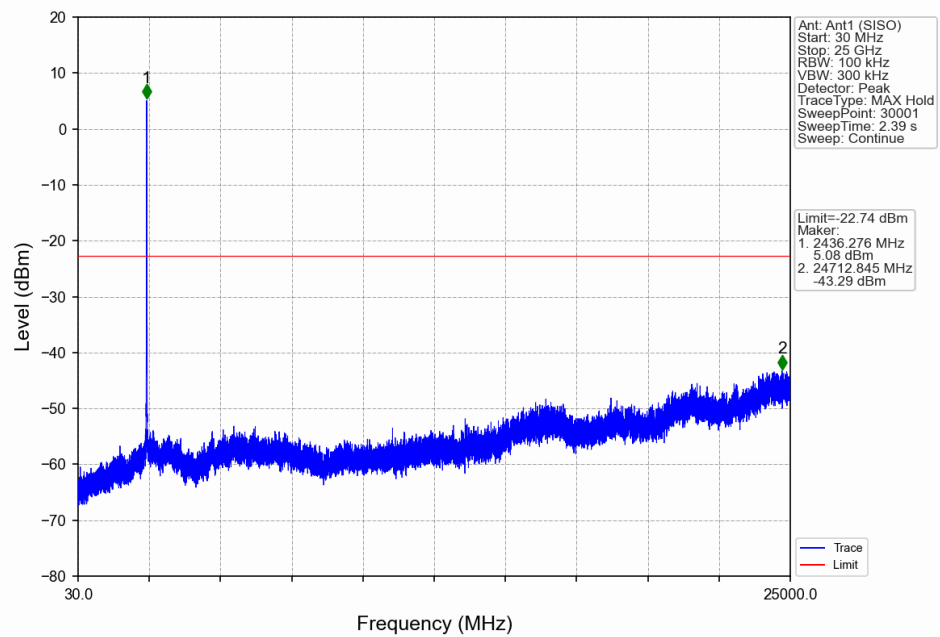


Note1: Refer to FCC Part 15.247 (d) and ANSI C63.10-2013, the channel contains the maximum PSD level was used to establish the reference level.

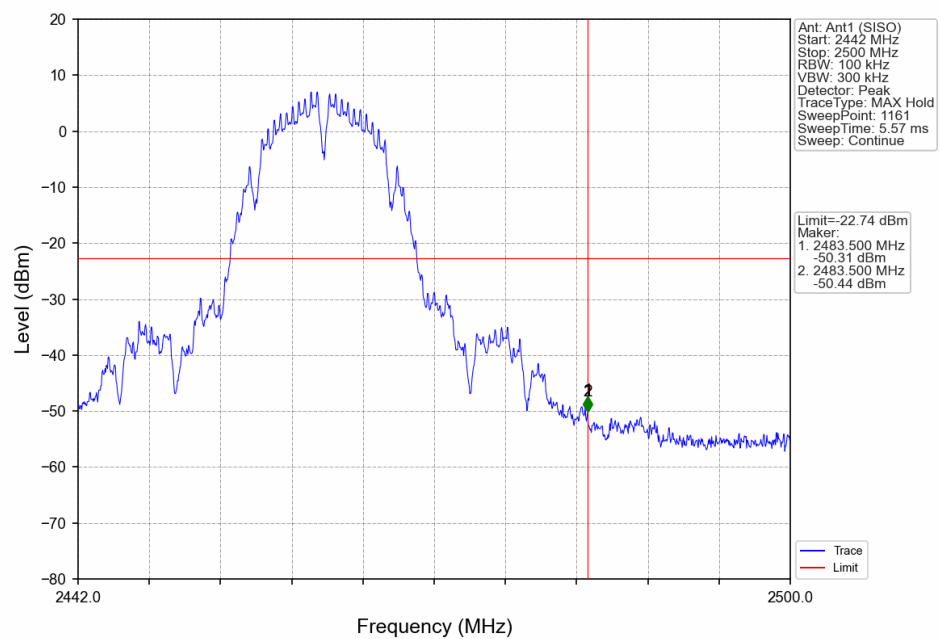
4.2.2 Test Graph



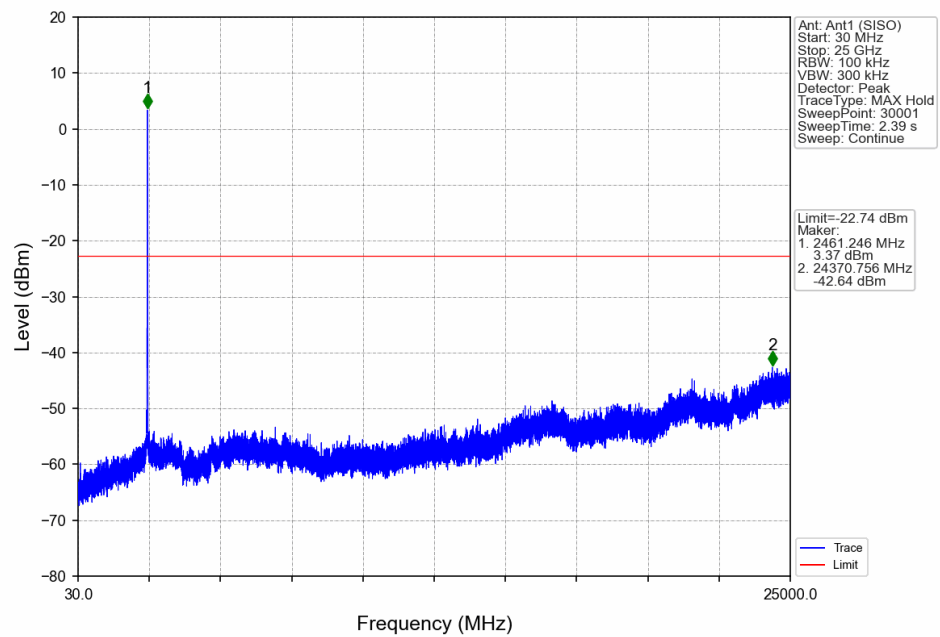
802.11b_MCH_2437MHz_Ant1 (SISO)_NTNV



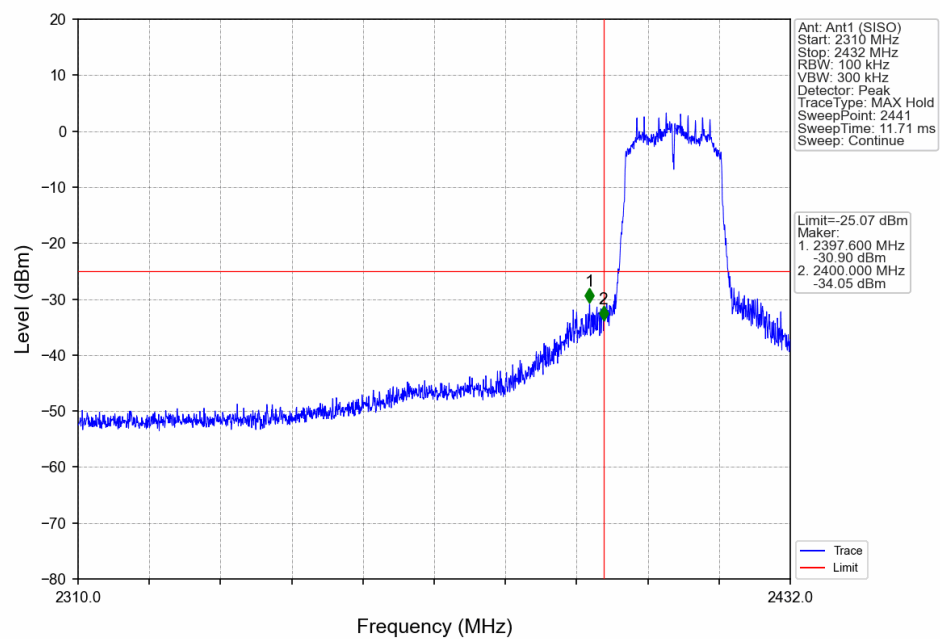
802.11b_HCH_2462MHz_Ant1 (SISO)_NTNV



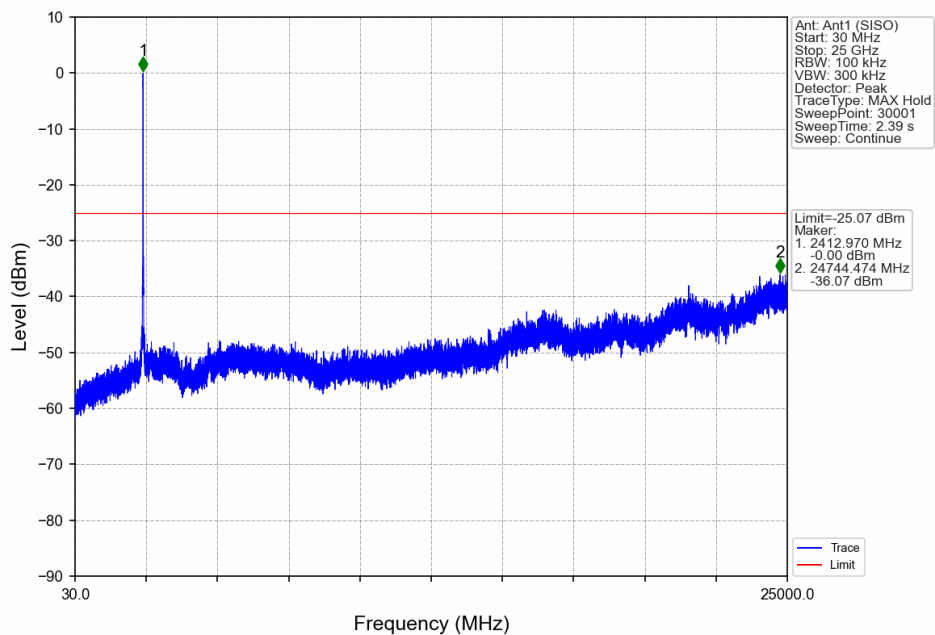
802.11b_HCH_2462MHz_Ant1 (SISO)_NTNV



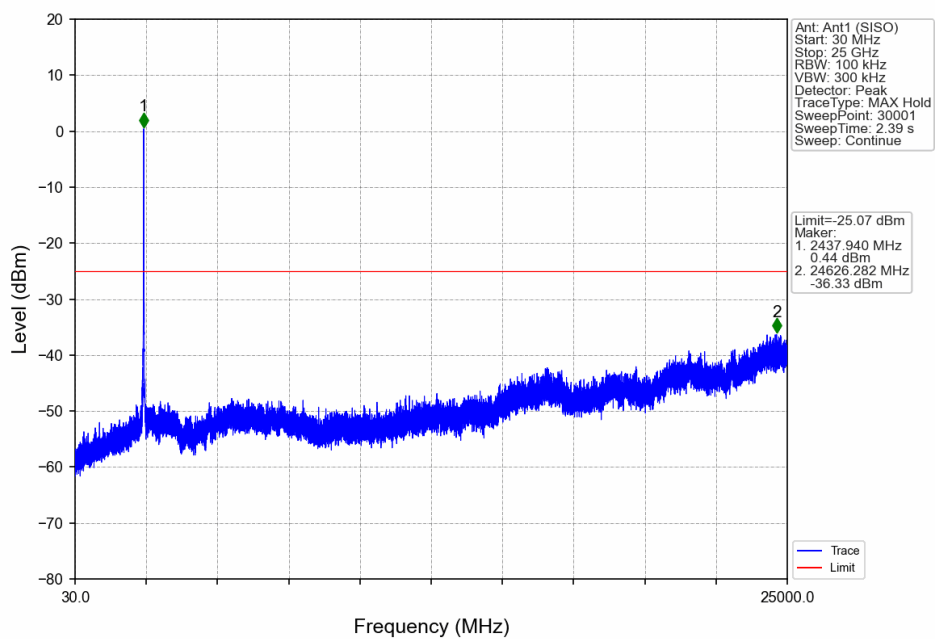
802.11g_LCH_2412MHz_Ant1 (SISO)_NTNV



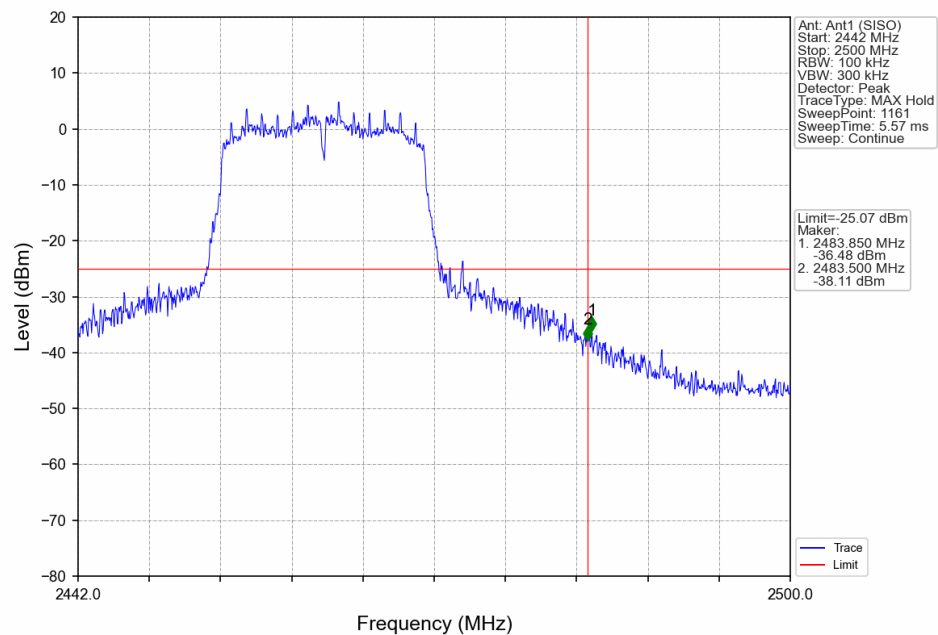
802.11g_LCH_2412MHz_Ant1 (SISO)_NTNV



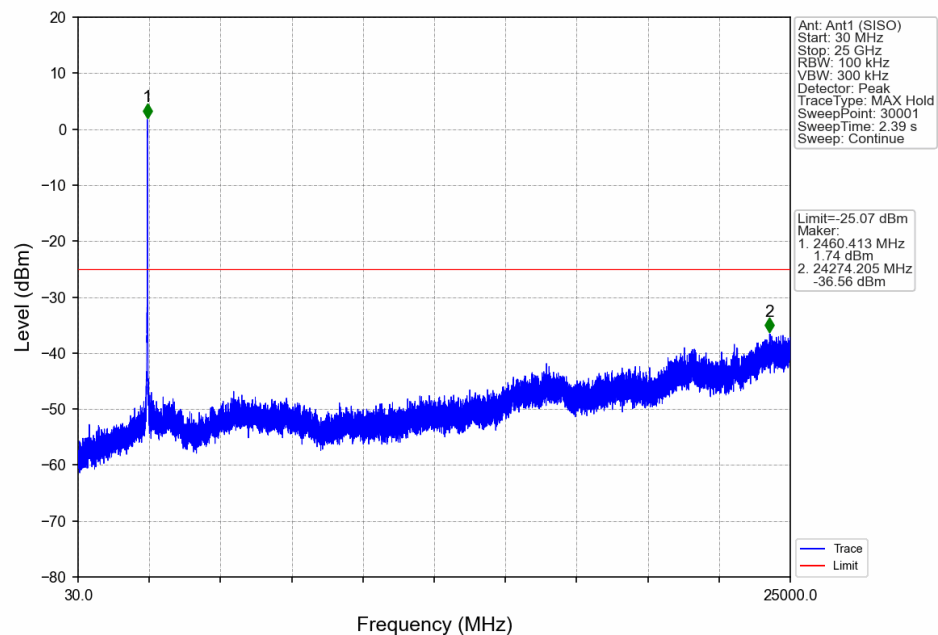
802.11g_MCH_2437MHz_Ant1 (SISO)_NTNV



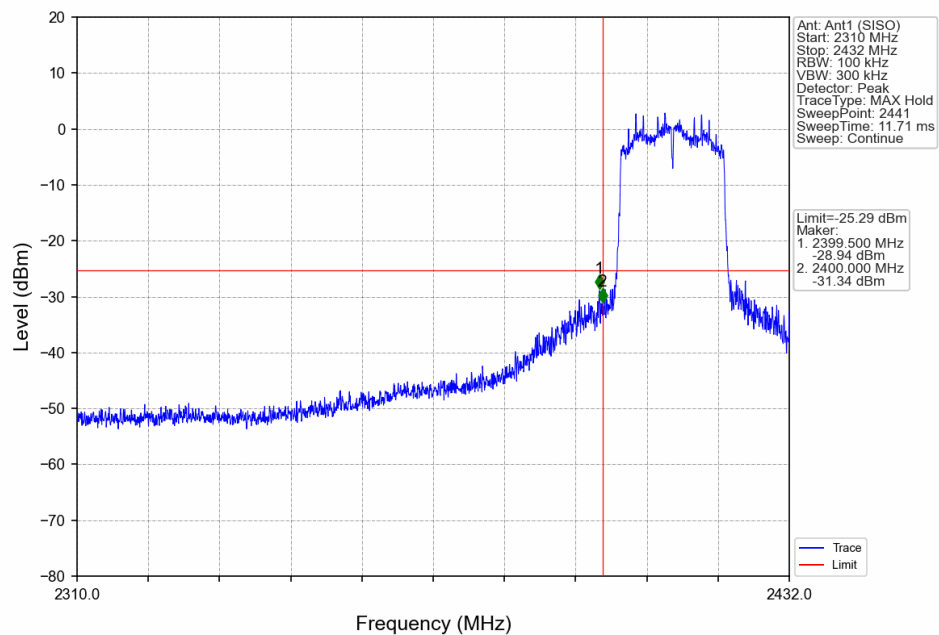
802.11g_HCH_2462MHz_Ant1 (SISO)_NTNV



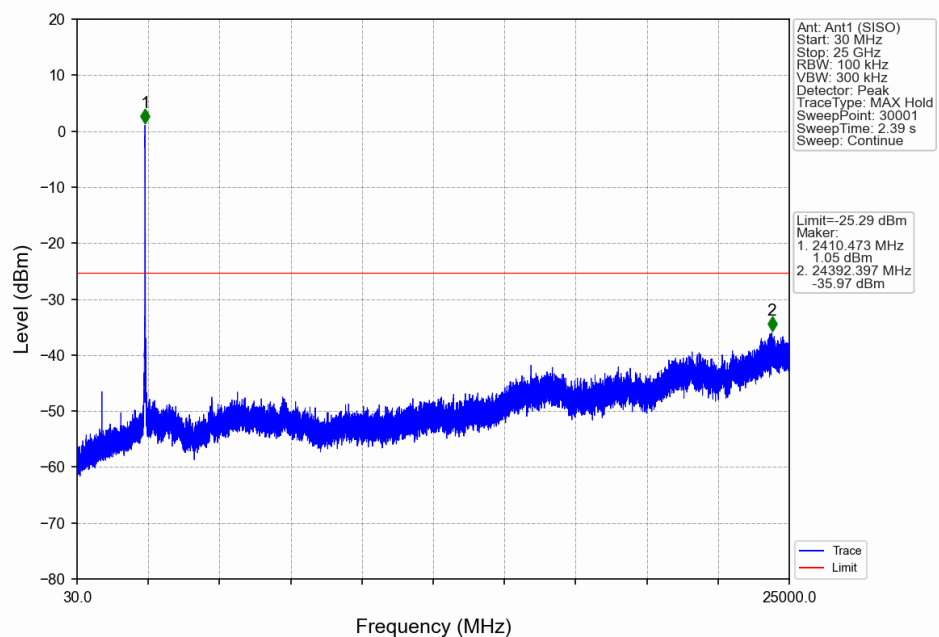
802.11g_HCH_2462MHz_Ant1 (SISO)_NTNV



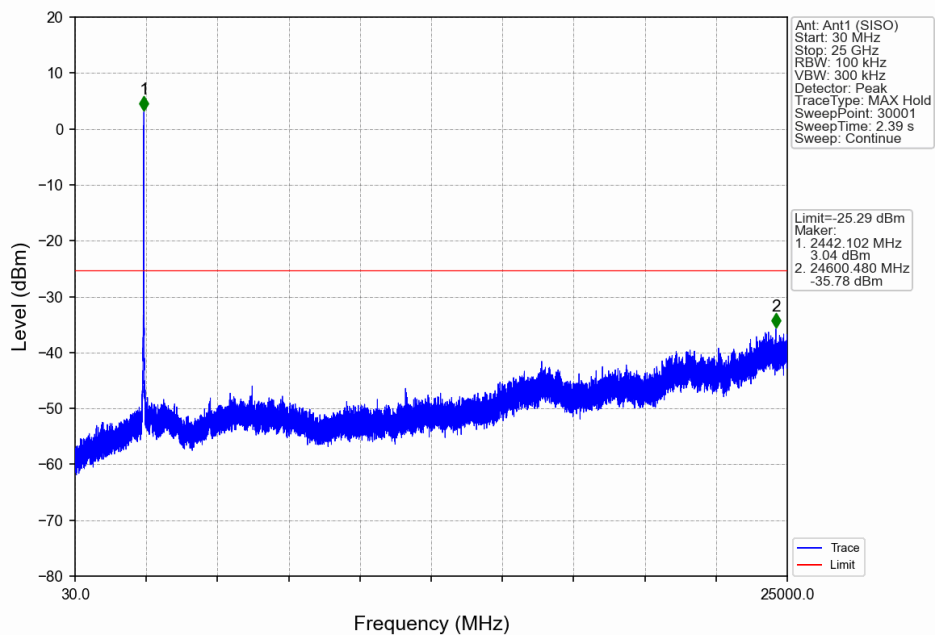
802.11n(HT20)_LCH_2412MHz_Ant1 (SISO)_NTNV



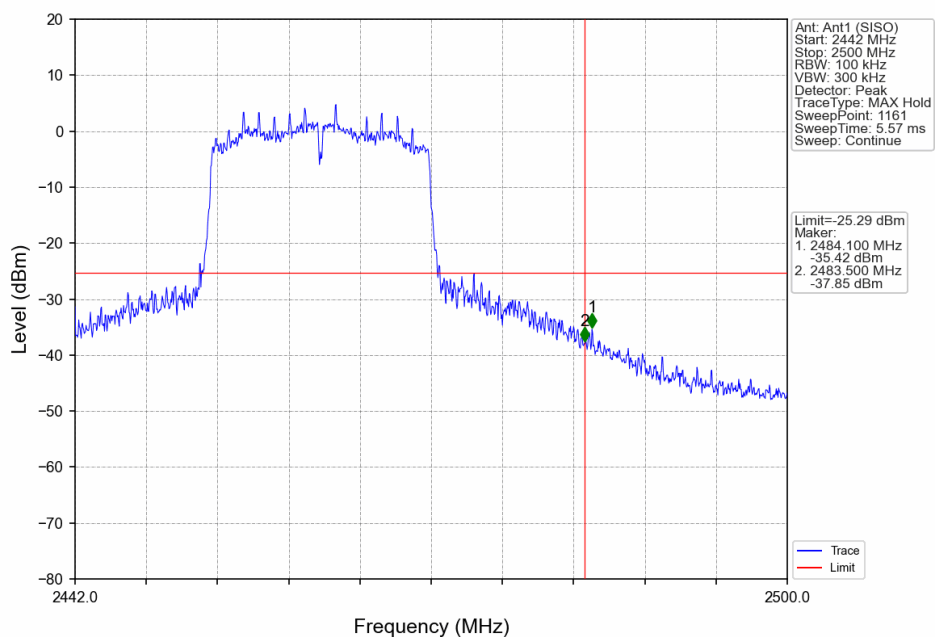
802.11n(HT20)_LCH_2412MHz_Ant1 (SISO)_NTNV



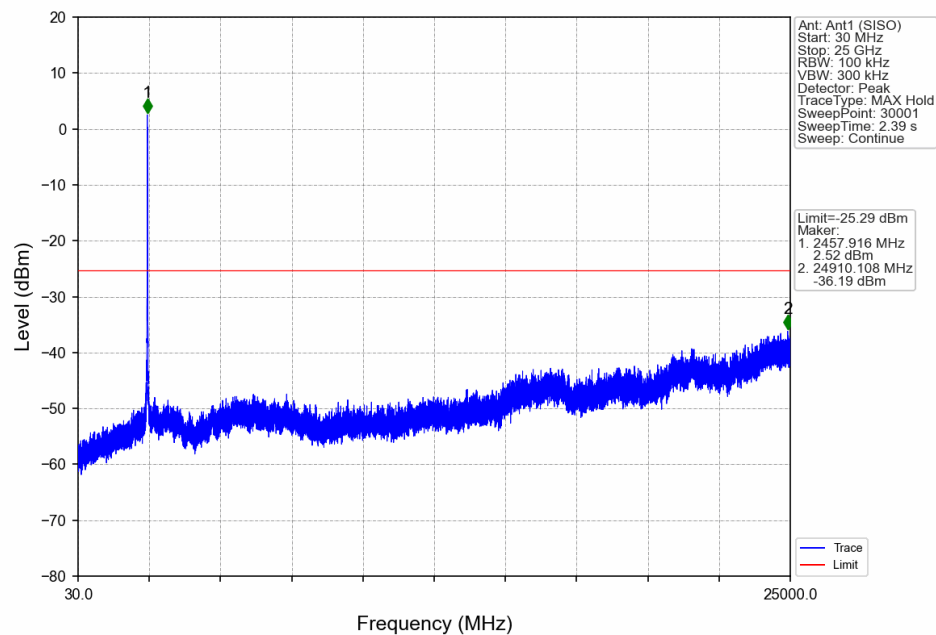
802.11n(HT20)_MCH_2437MHz_Ant1 (SISO)_NTNV



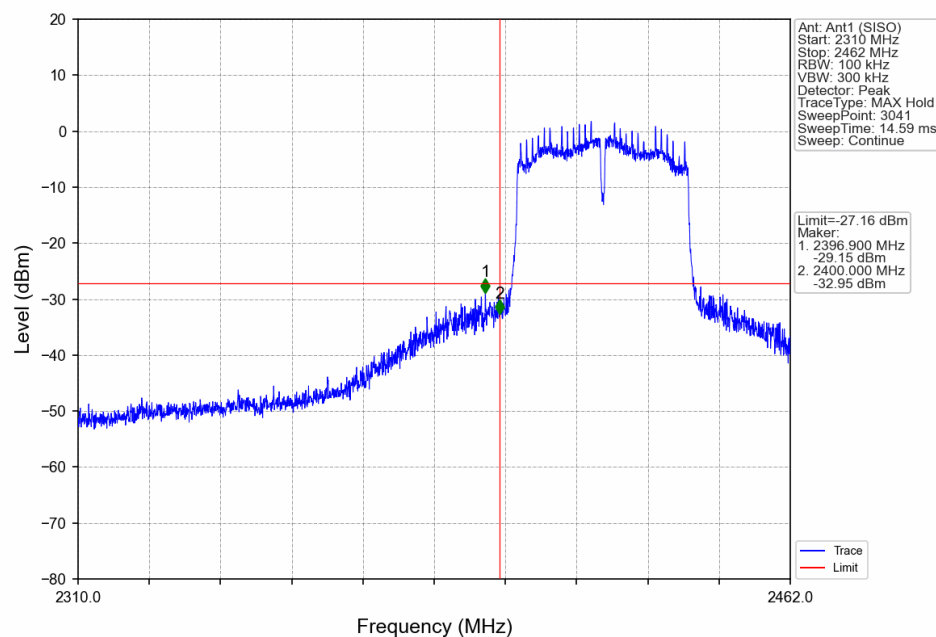
802.11n(HT20)_HCH_2462MHz_Ant1 (SISO)_NTNV



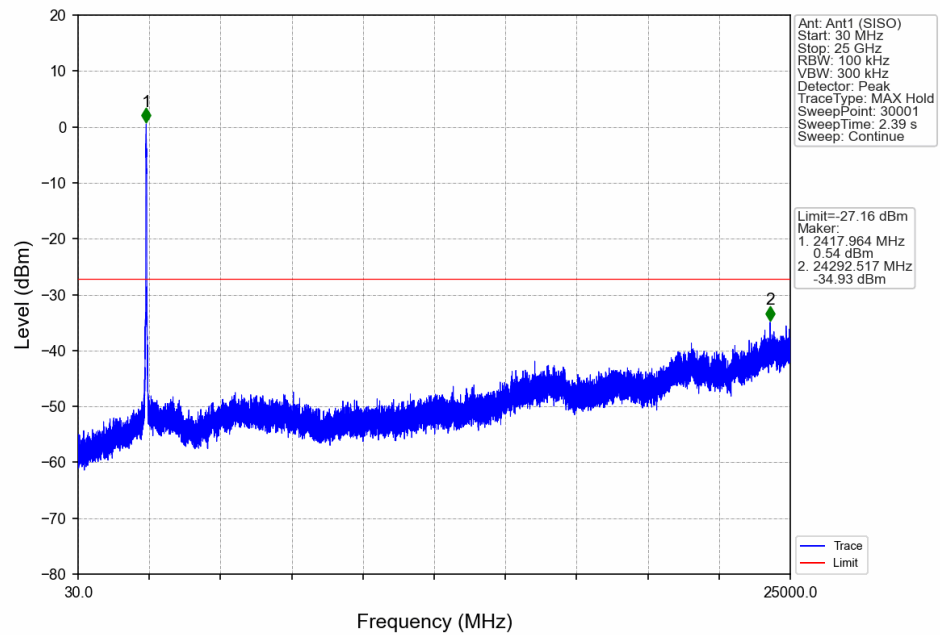
802.11n(HT20)_HCH_2462MHz_Ant1 (SISO)_NTNV



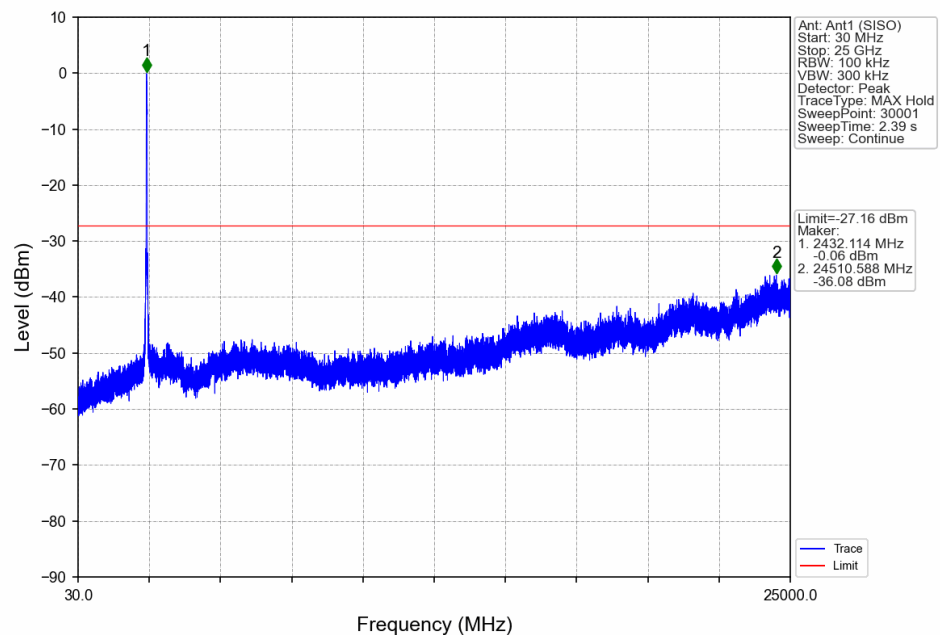
802.11n(HT40)_LCH_2422MHz_Ant1 (SISO)_NTNV



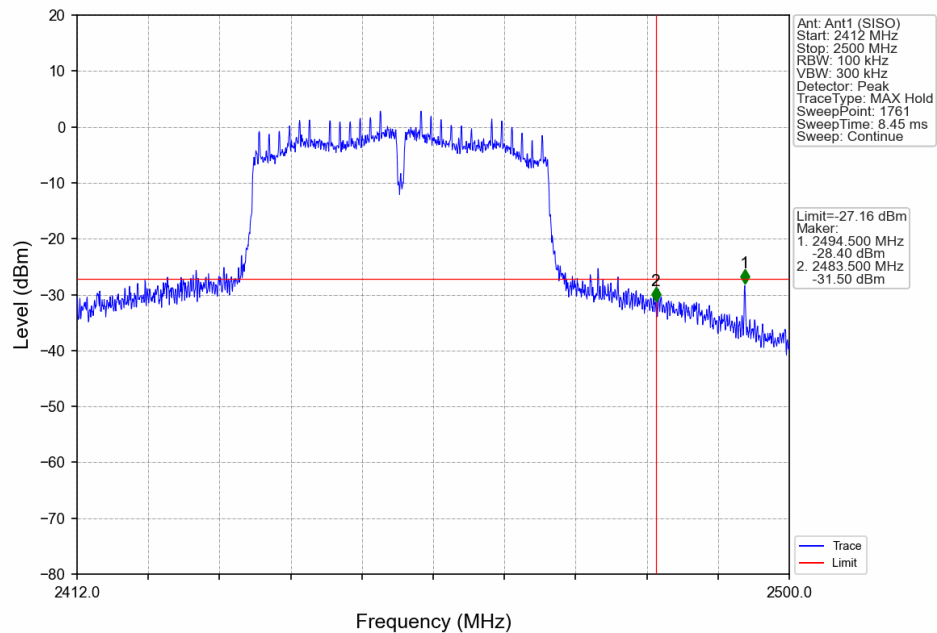
802.11n(HT40)_LCH_2422MHz_Ant1 (SISO)_NTNV



802.11n(HT40)_MCH_2437MHz_Ant1 (SISO)_NTNV



802.11n(HT40)_HCH_2452MHz_Ant1 (SISO)_NTNV



802.11n(HT40)_HCH_2452MHz_Ant1 (SISO)_NTNV

