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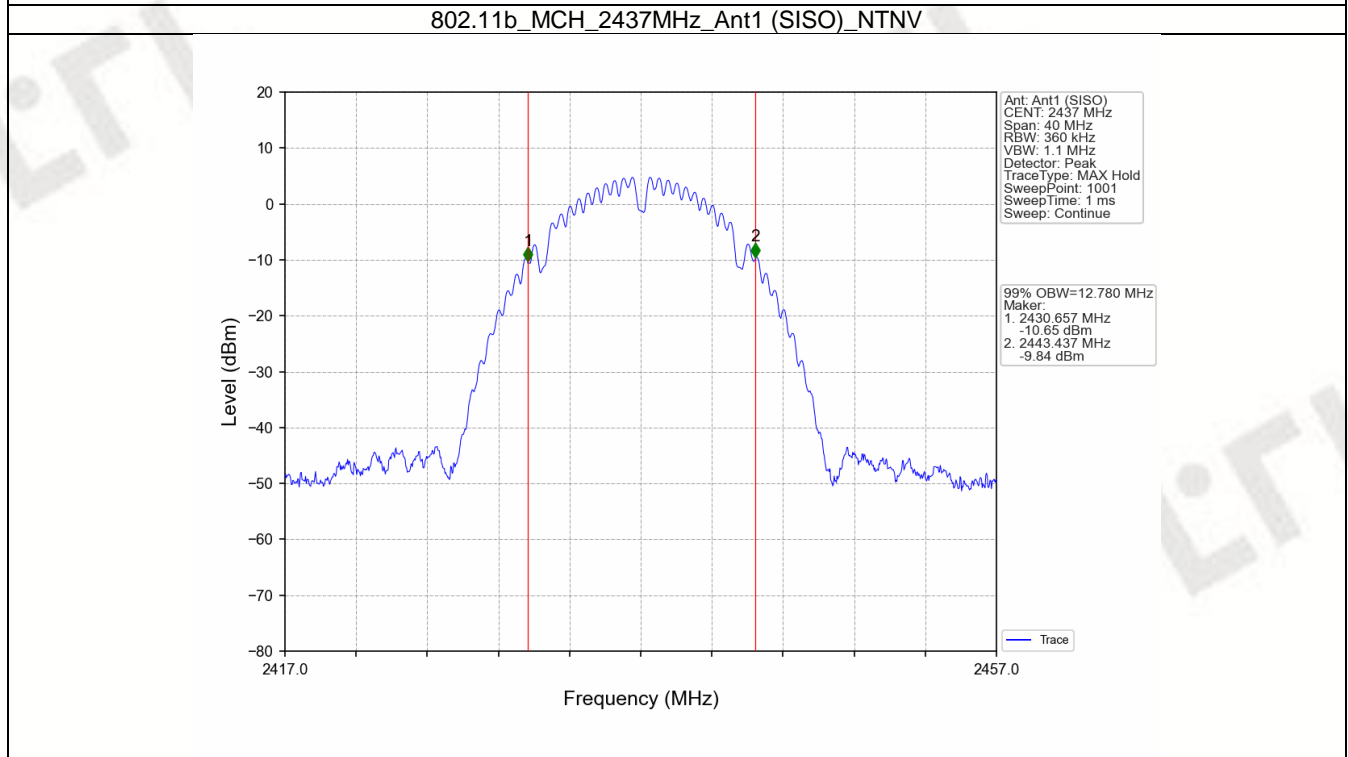
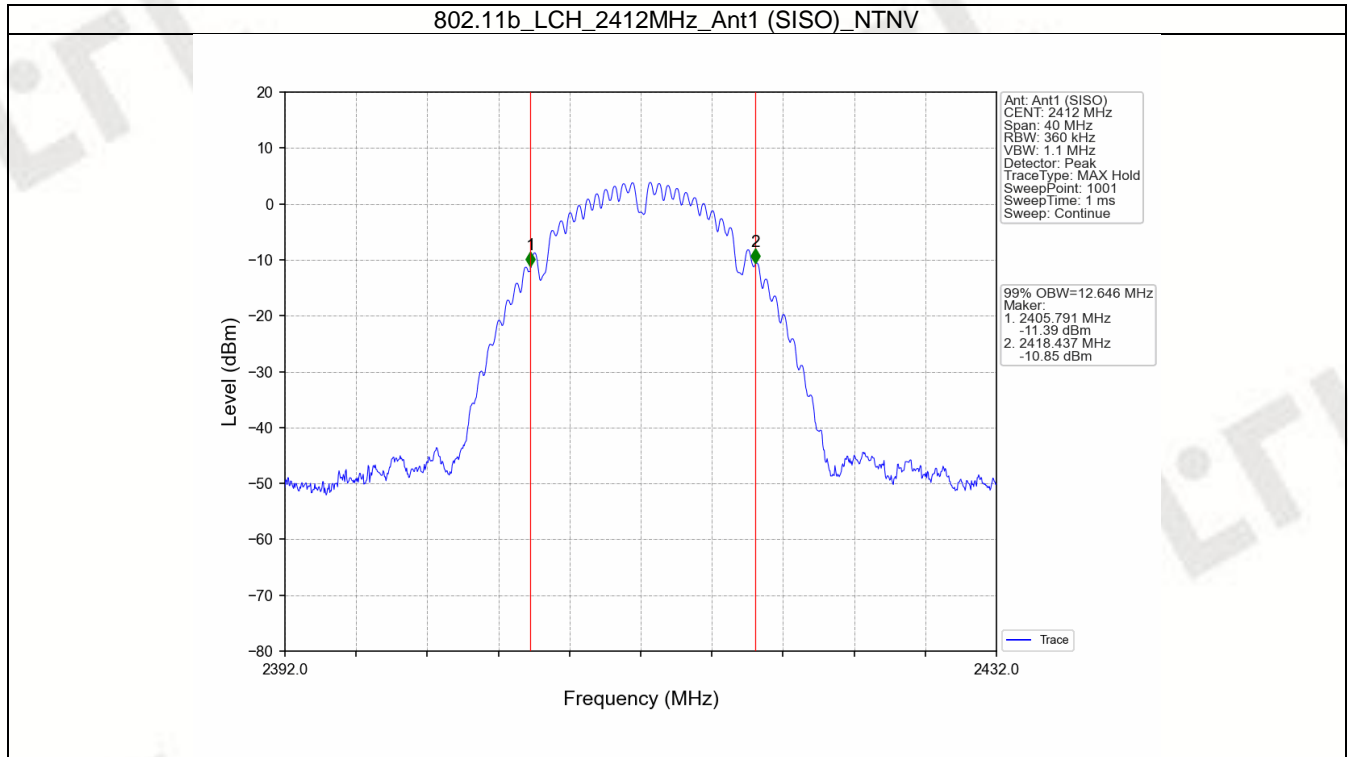
1. Bandwidth

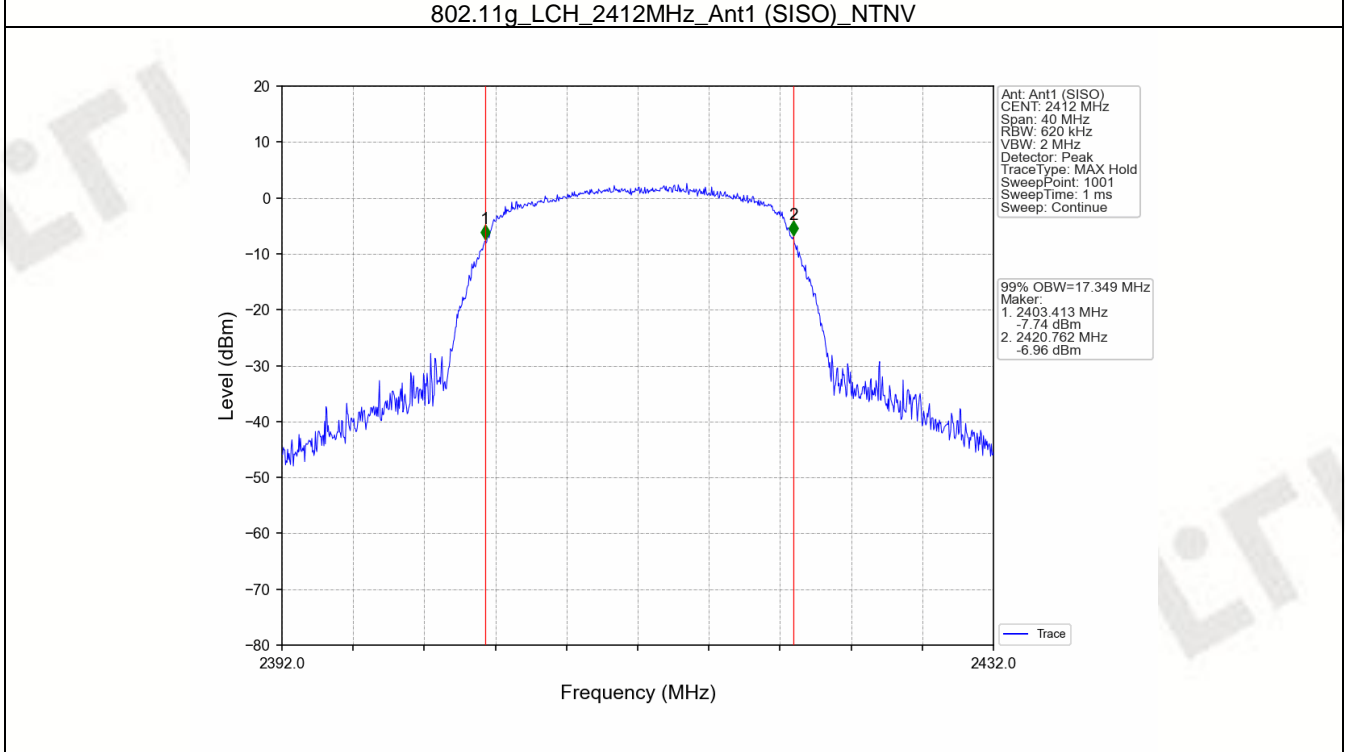
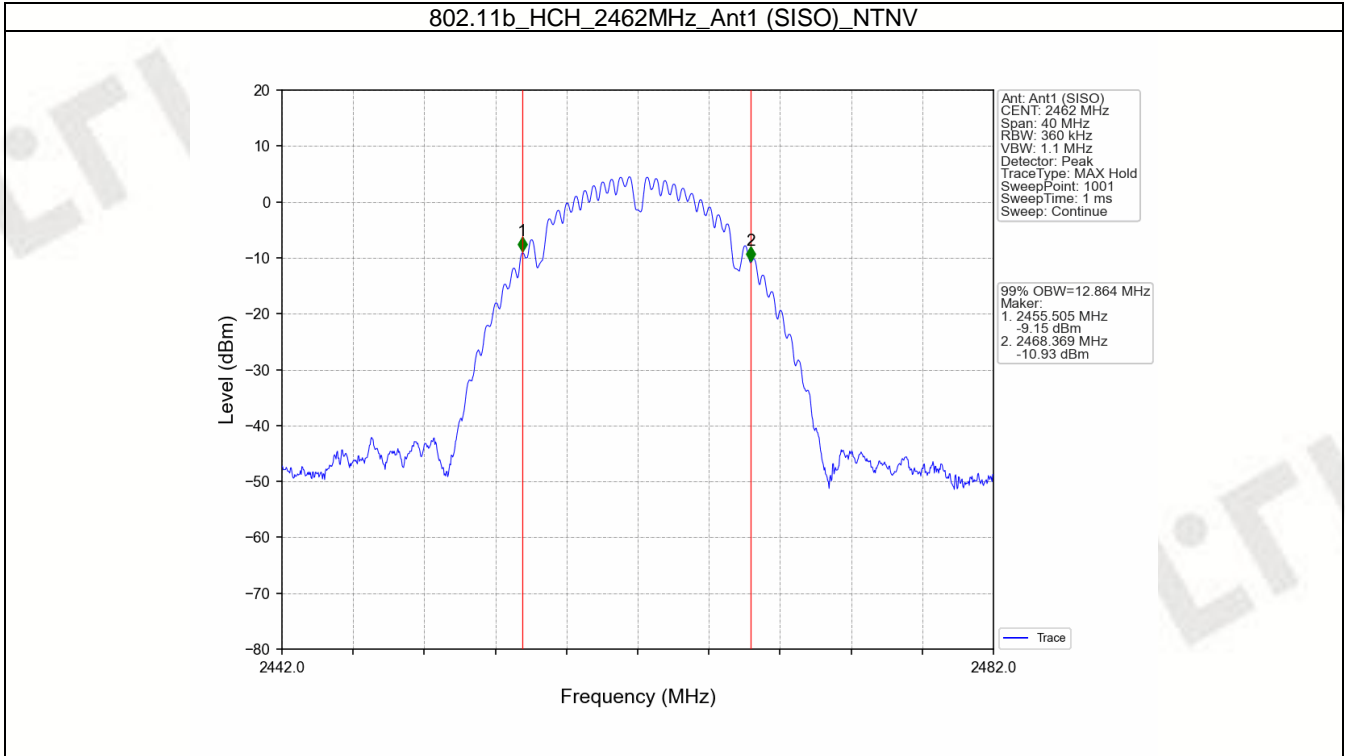
1.1 OBW

1.1.1 Test Result

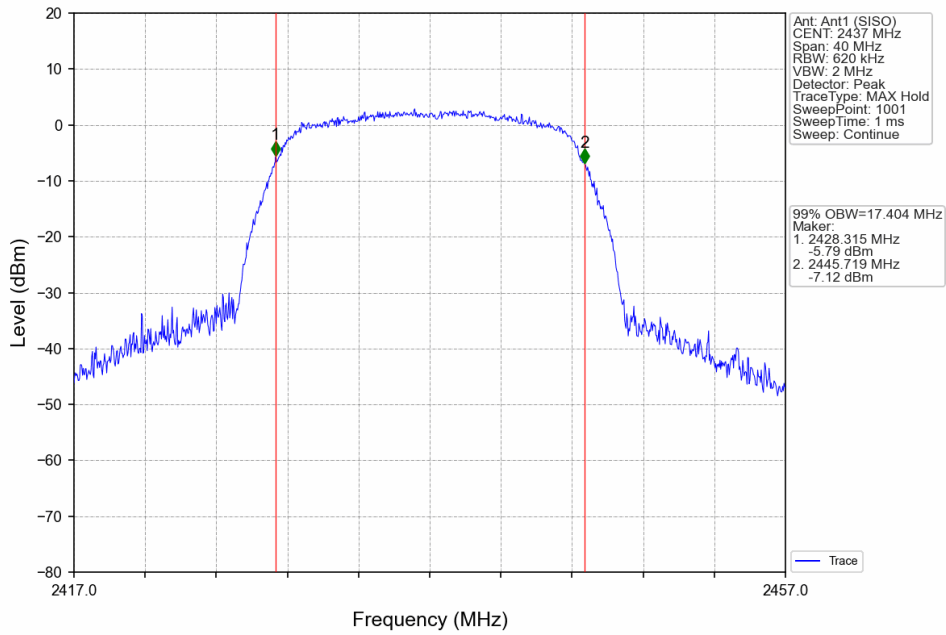
Mode	TX Type	Frequency (MHz)	ANT	99% Occupied Bandwidth (MHz)		Verdict
				Result	Limit	
802.11b	SISO	2412	1	12.646	/	Pass
		2437	1	12.780	/	Pass
		2462	1	12.864	/	Pass
802.11g	SISO	2412	1	17.349	/	Pass
		2437	1	17.404	/	Pass
		2462	1	17.504	/	Pass
802.11n (HT20)	SISO	2412	1	18.198	/	Pass
		2437	1	18.232	/	Pass
		2462	1	18.289	/	Pass

1.1.2 Test Graph

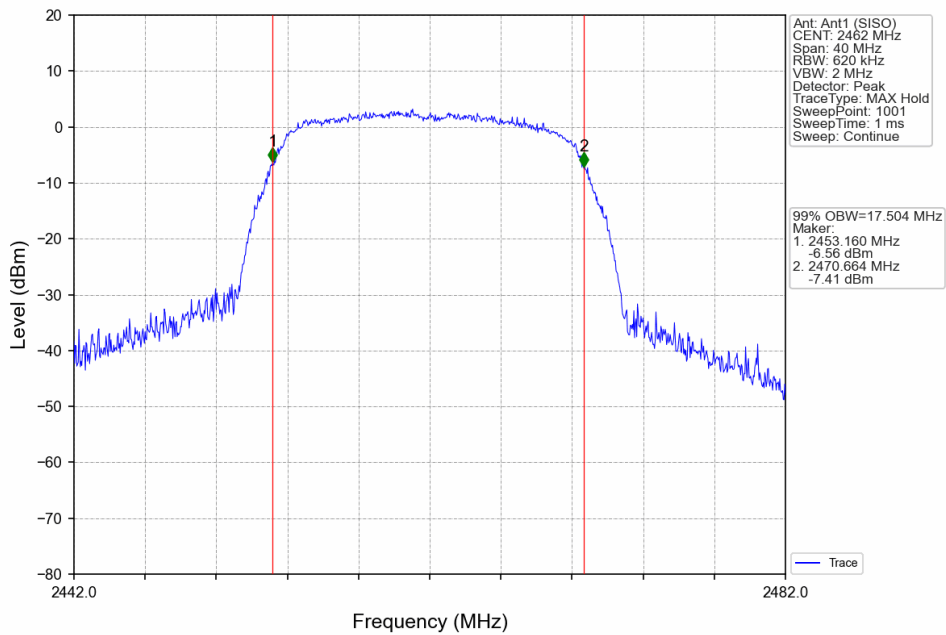




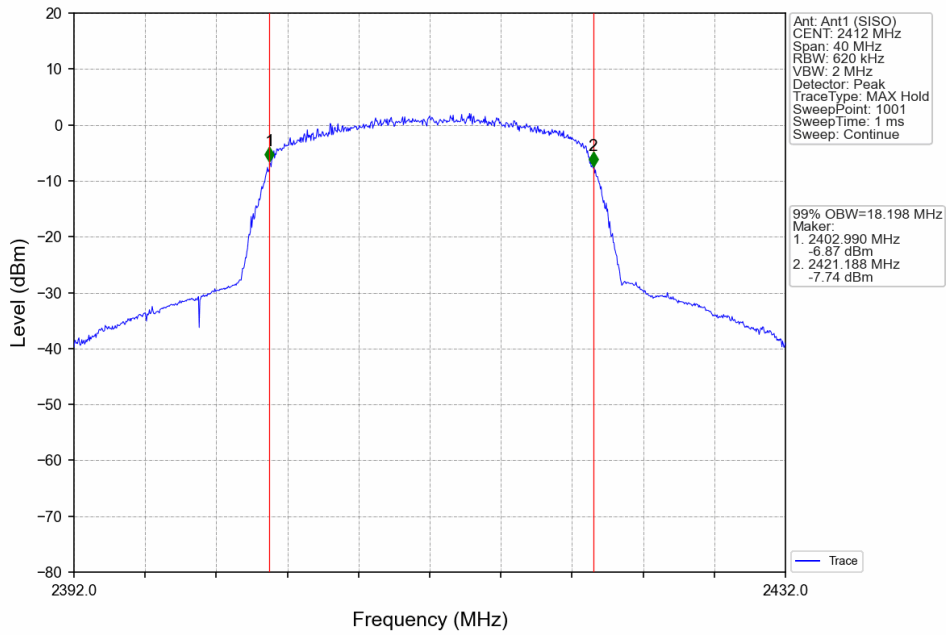
802.11g_MCH_2437MHz_Ant1 (SISO)_NTNV



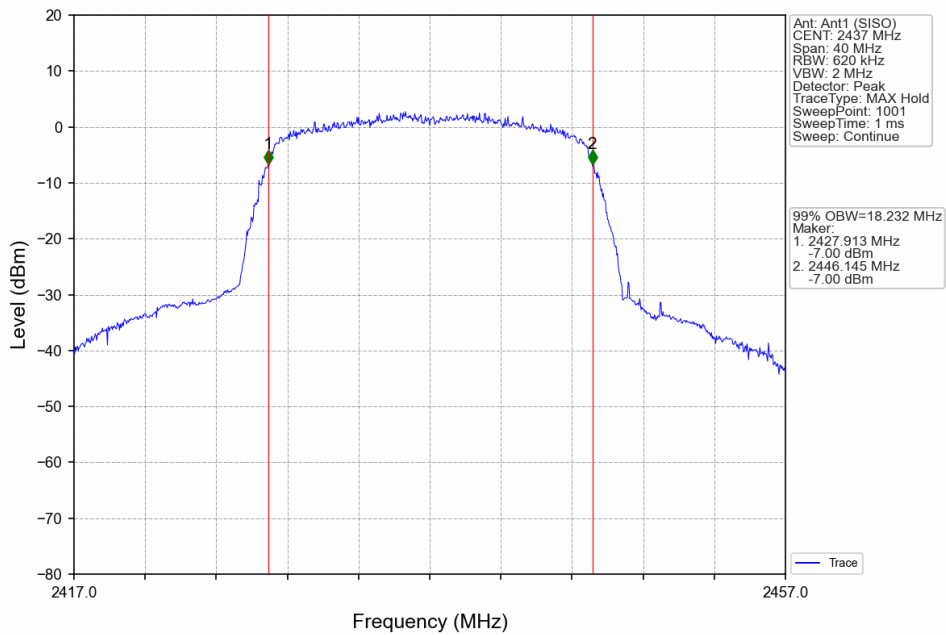
802.11g_HCH_2462MHz_Ant1 (SISO)_NTNV

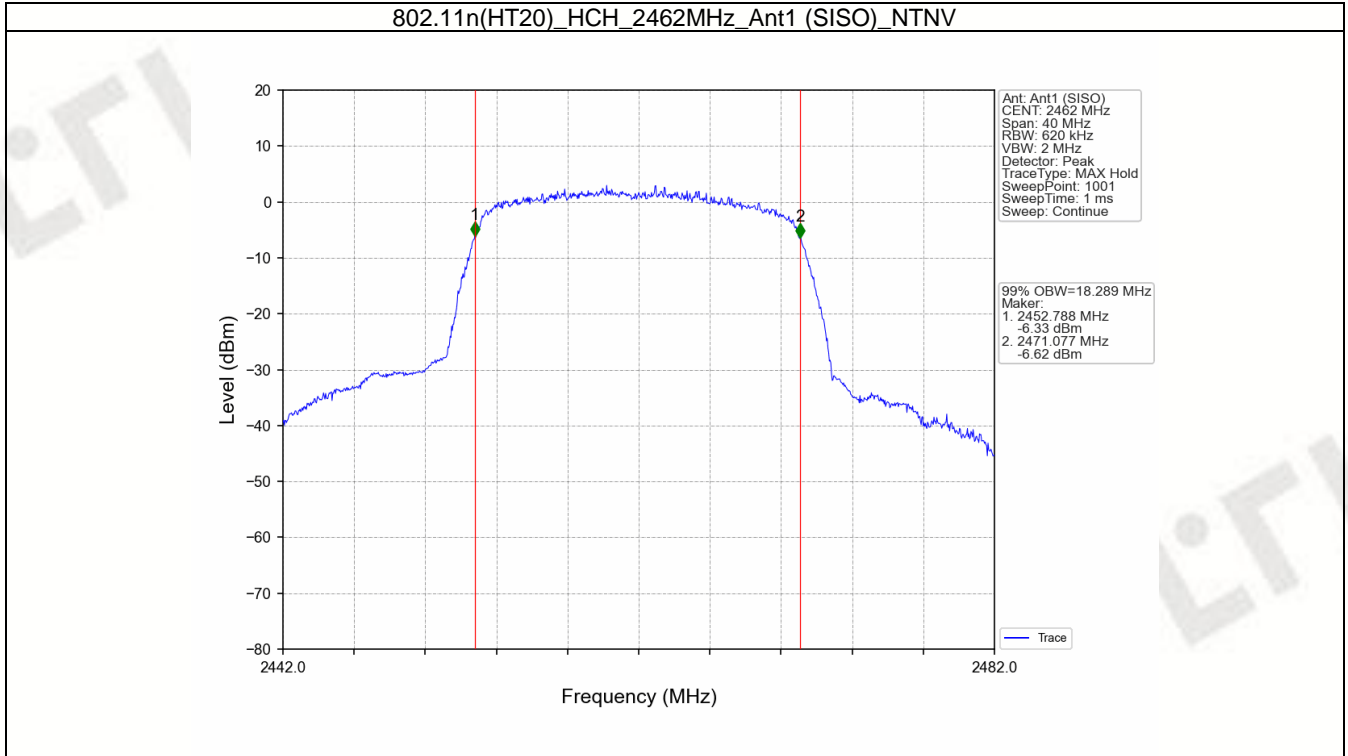


802.11n(HT20)_LCH_2412MHz_Ant1 (SISO)_NTNV



802.11n(HT20)_MCH_2437MHz_Ant1 (SISO)_NTNV



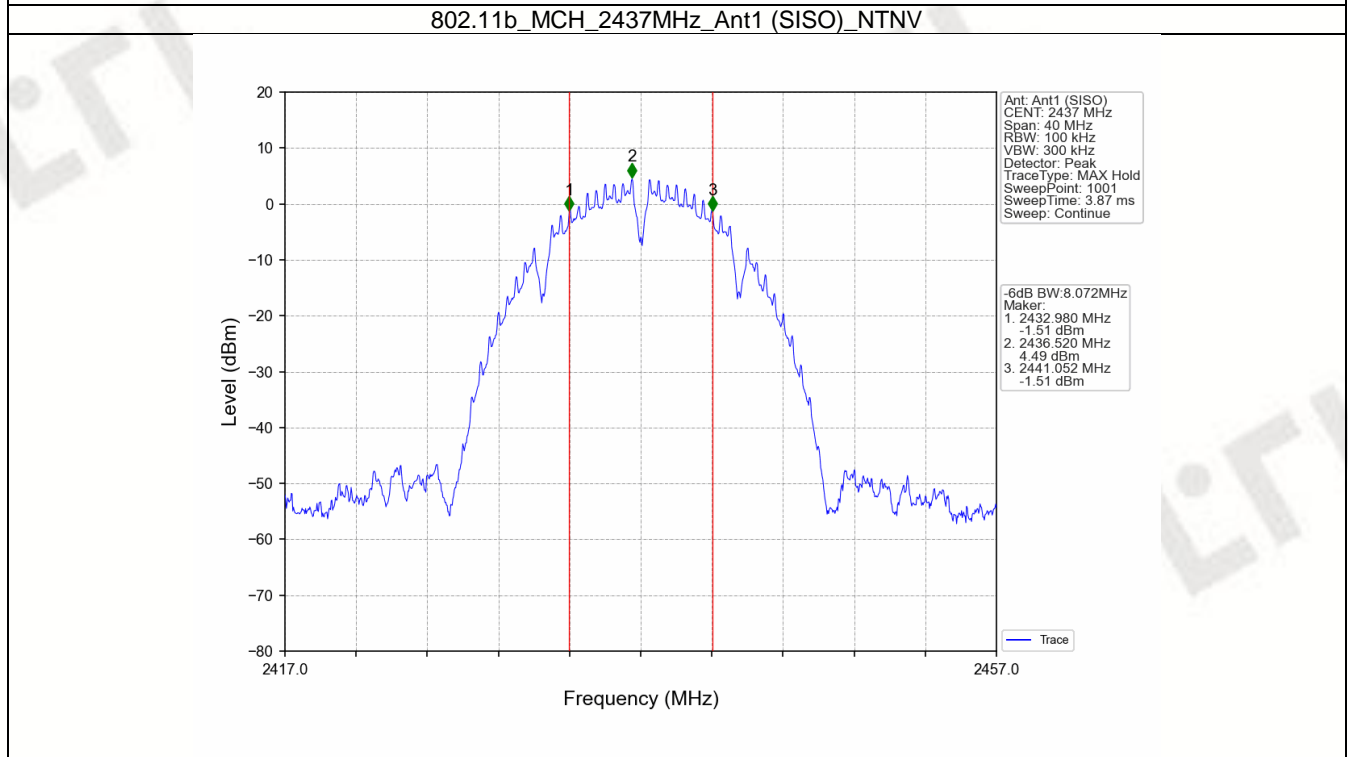
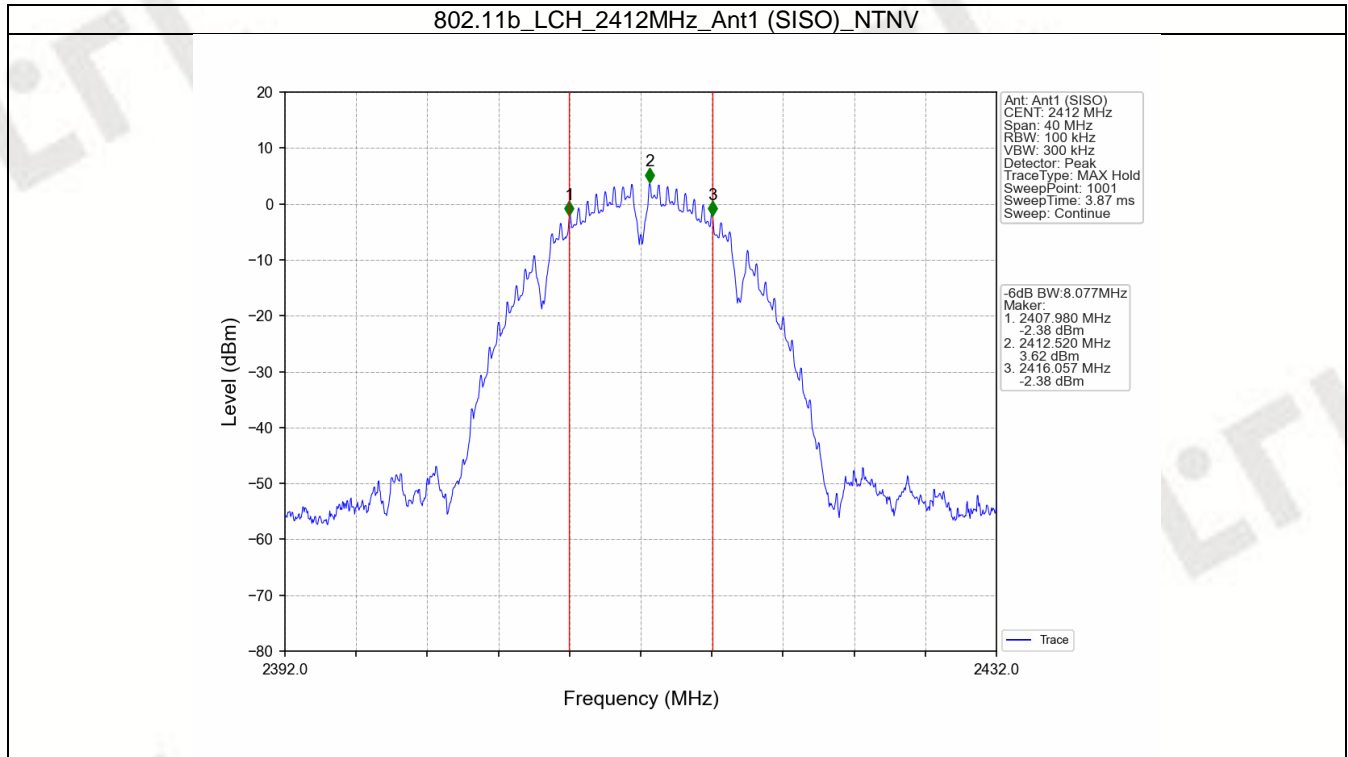


1.2 6dB BW

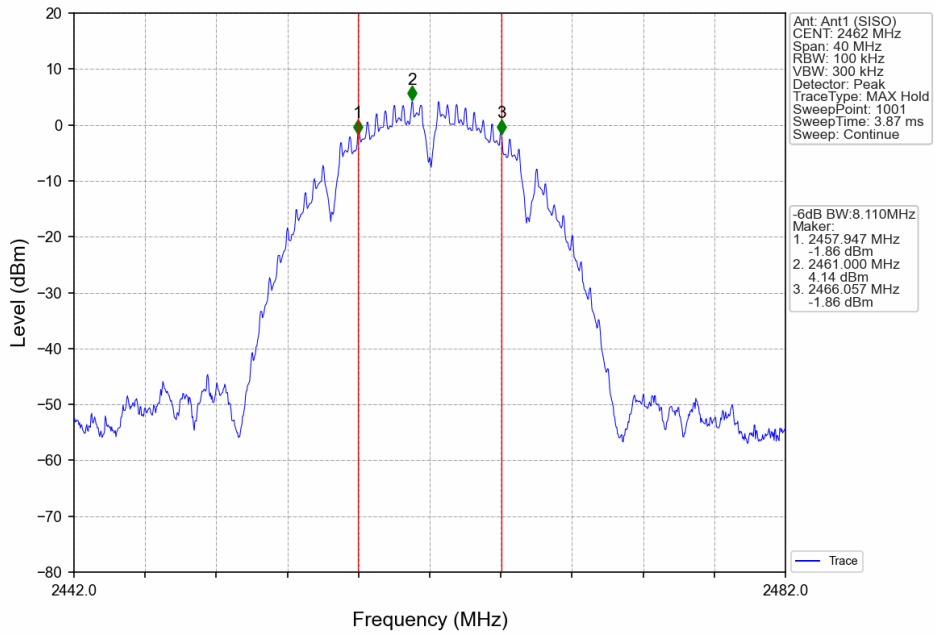
1.2.1 Test Result

Mode	TX Type	Frequency (MHz)	ANT	6dB Bandwidth (MHz)		Verdict
				Result	Limit	
802.11b	SISO	2412	1	8.077	>=0.5	Pass
		2437	1	8.072	>=0.5	Pass
		2462	1	8.110	>=0.5	Pass
802.11g	SISO	2412	1	15.148	>=0.5	Pass
		2437	1	15.170	>=0.5	Pass
		2462	1	15.505	>=0.5	Pass
802.11n (HT20)	SISO	2412	1	15.142	>=0.5	Pass
		2437	1	15.160	>=0.5	Pass
		2462	1	16.113	>=0.5	Pass

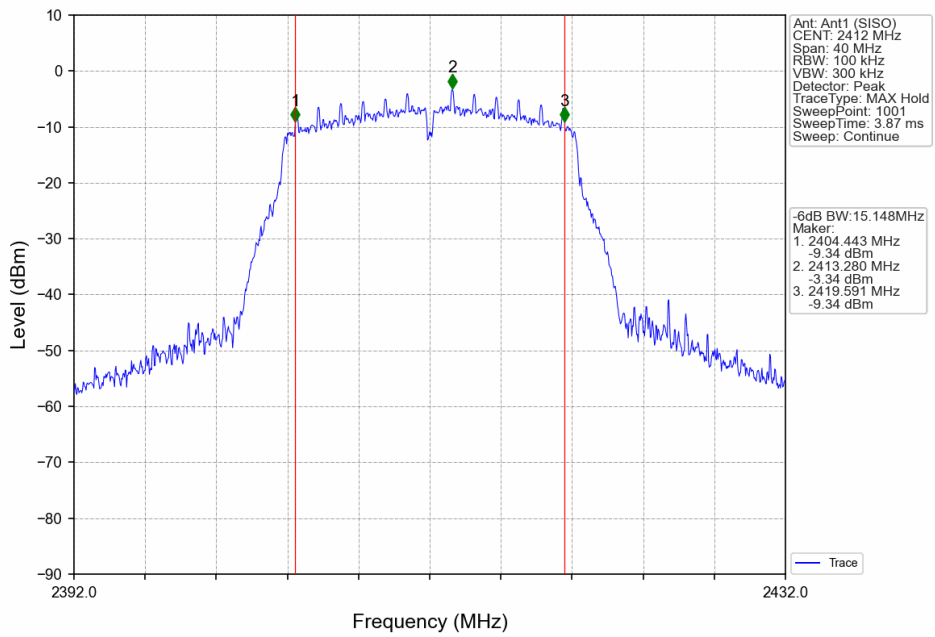
1.2.2 Test Graph



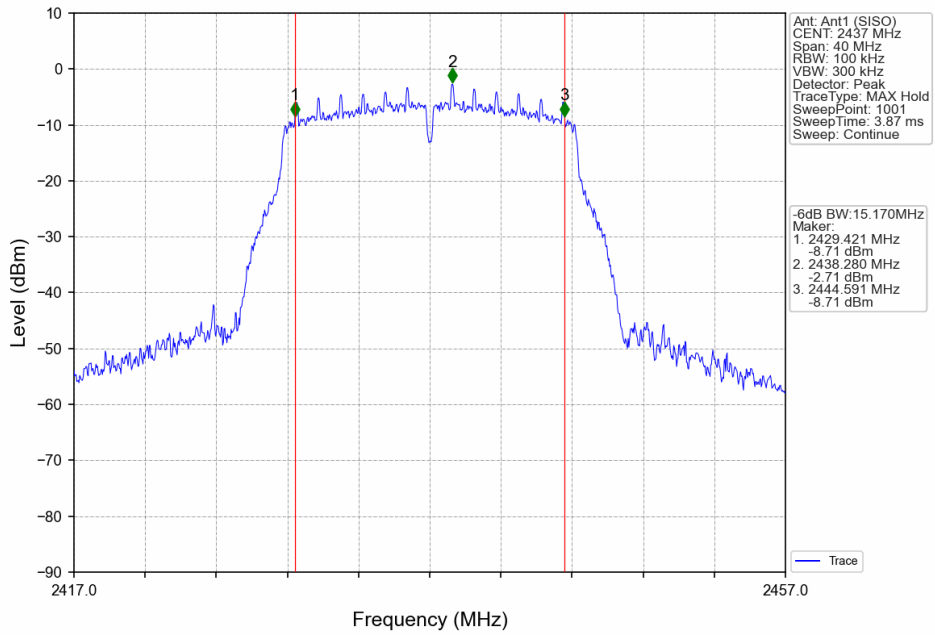
802.11b_HCH_2462MHz_Ant1 (SISO)_NTNV



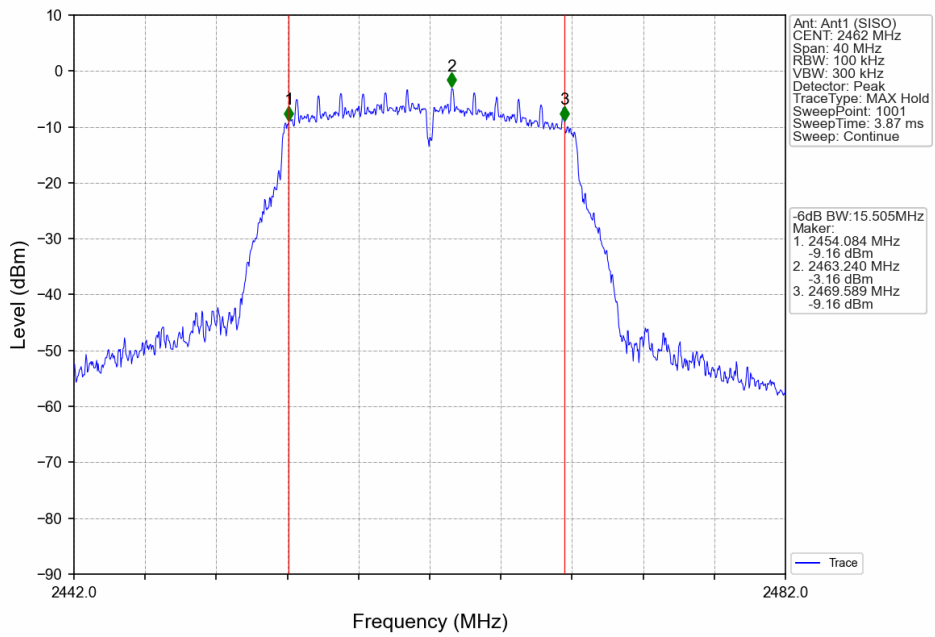
802.11g_LCH_2412MHz_Ant1 (SISO)_NTNV



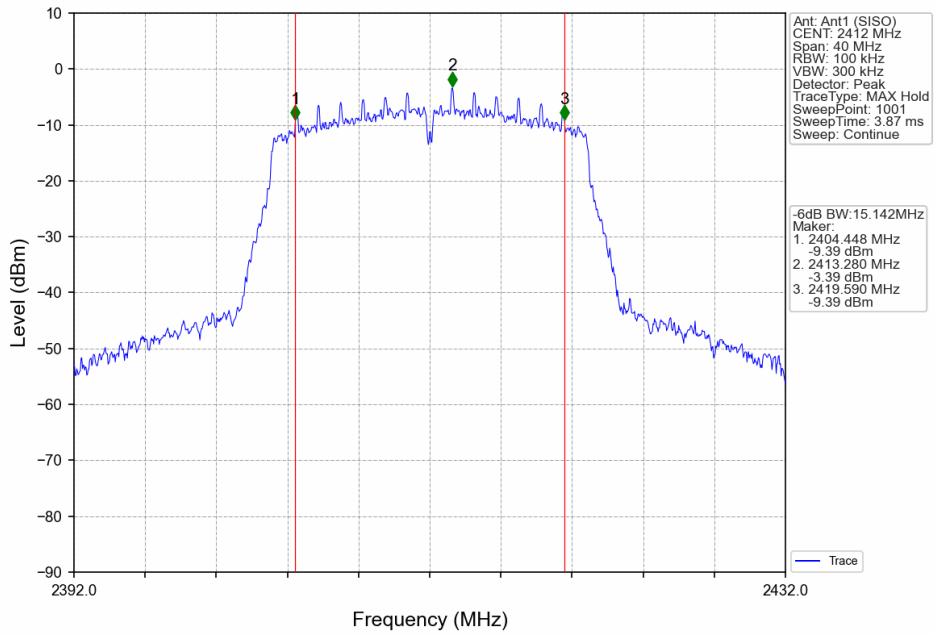
802.11g_MCH_2437MHz_Ant1 (SISO)_NTNV



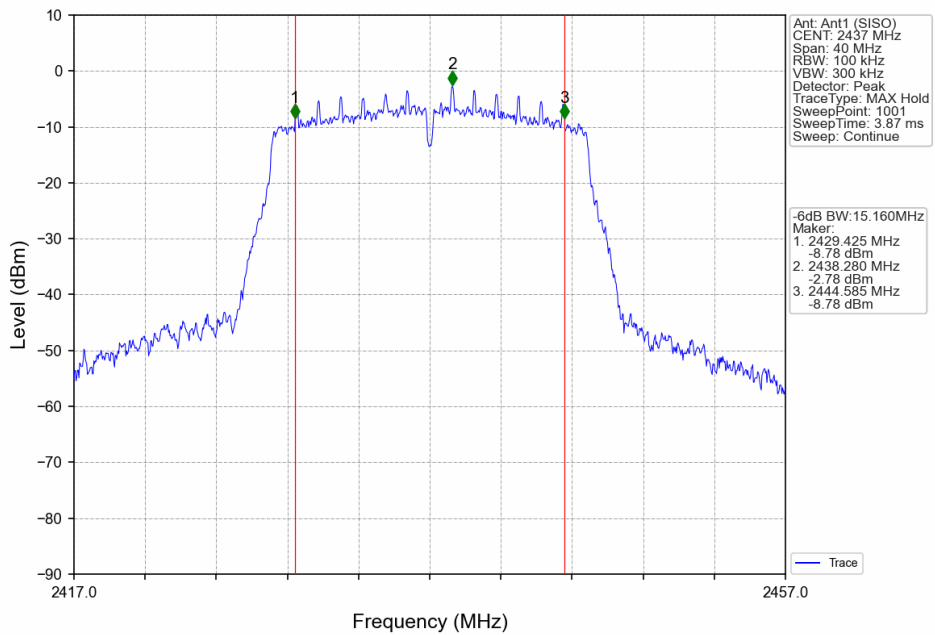
802.11g_HCH_2462MHz_Ant1 (SISO)_NTNV

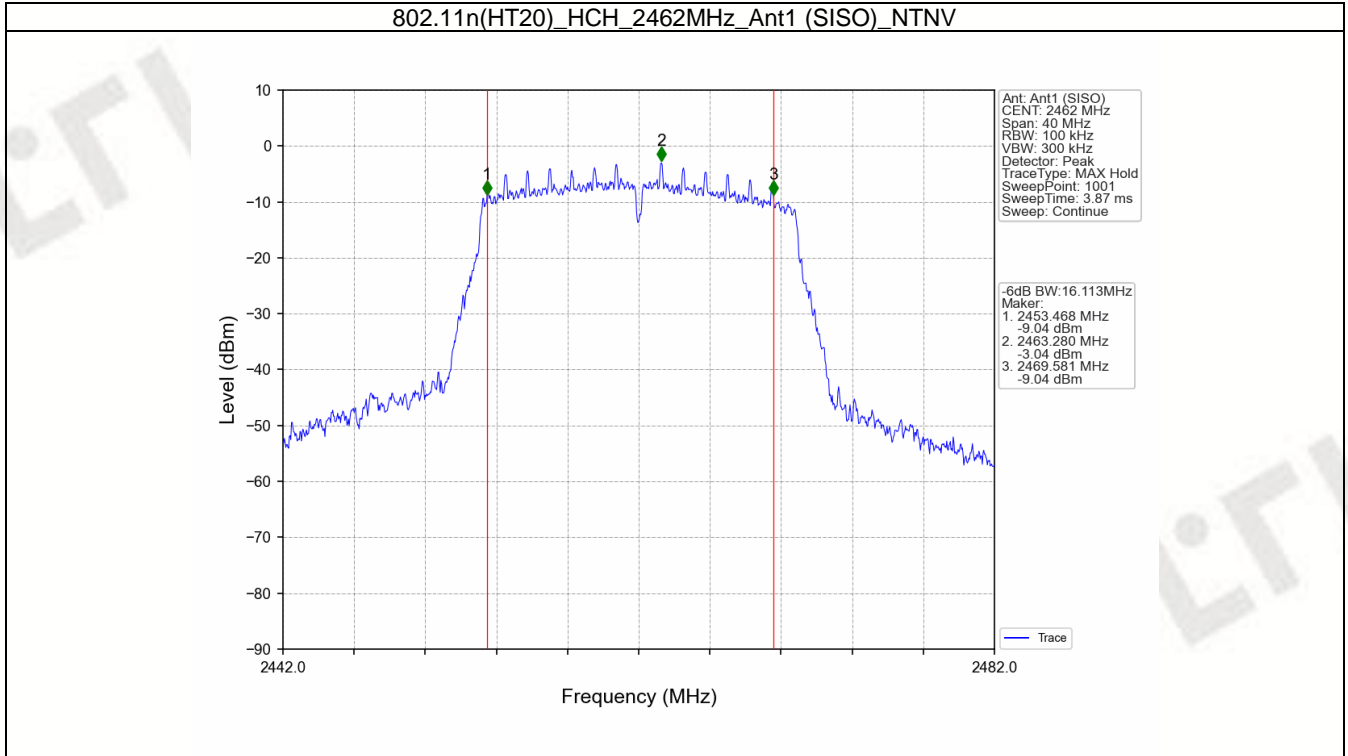


802.11n(HT20)_LCH_2412MHz_Ant1 (SISO)_NTNV



802.11n(HT20)_MCH_2437MHz_Ant1 (SISO)_NTNV





2. Maximum Conducted Output Power

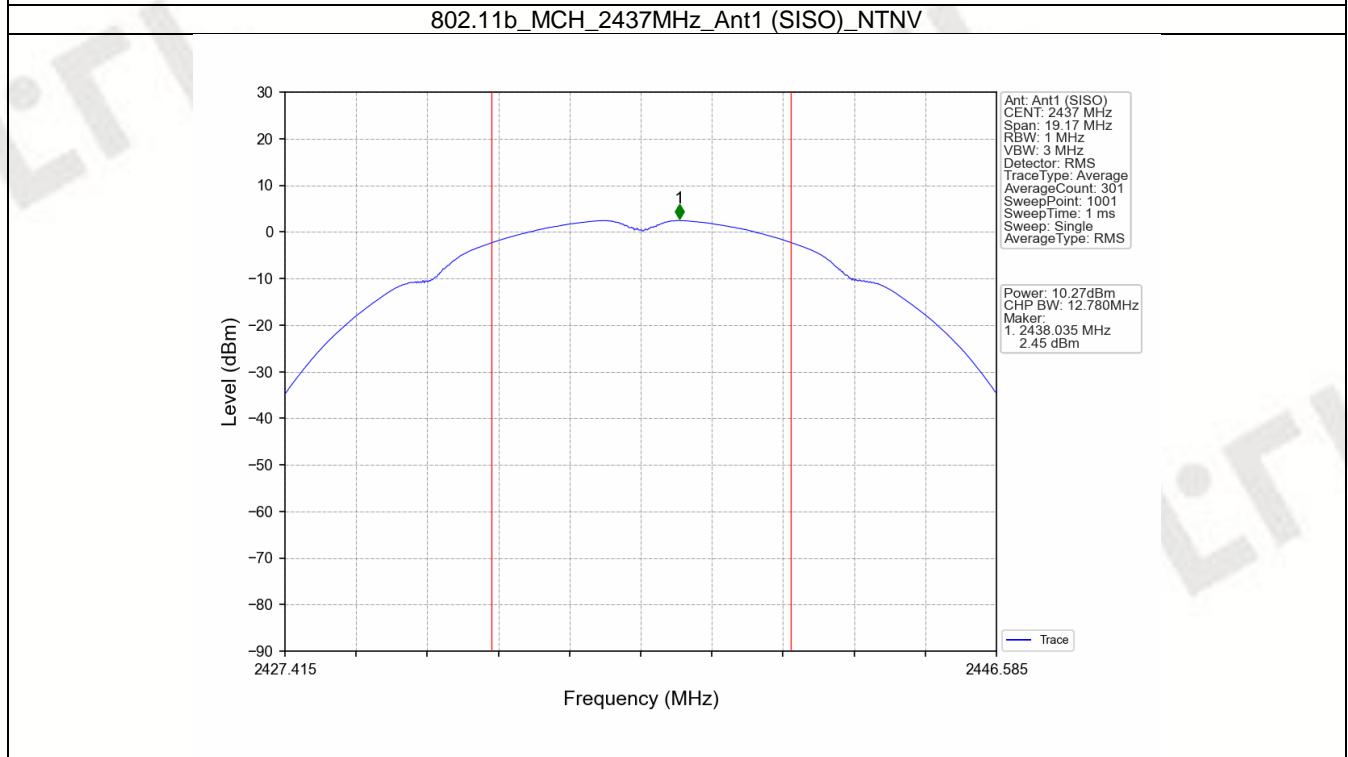
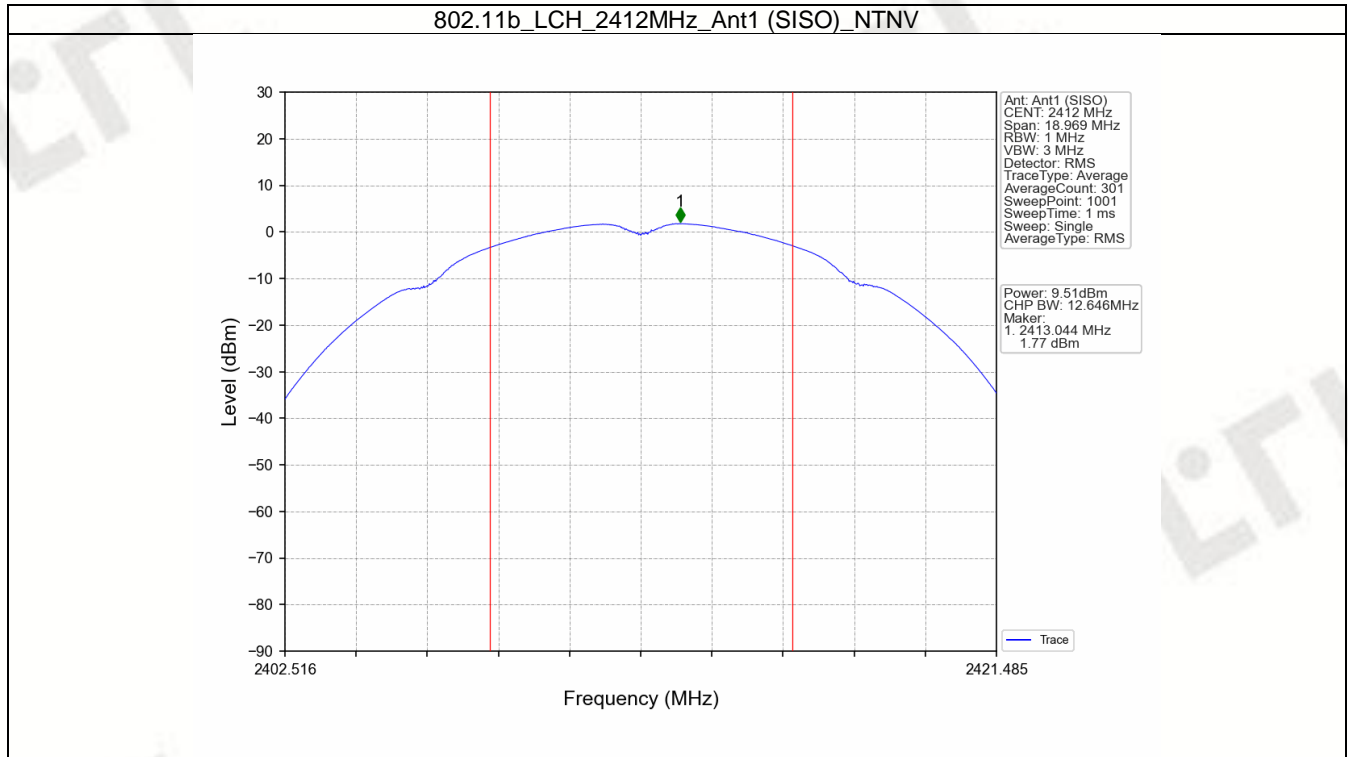
2.1 Power

2.1.1 Test Result

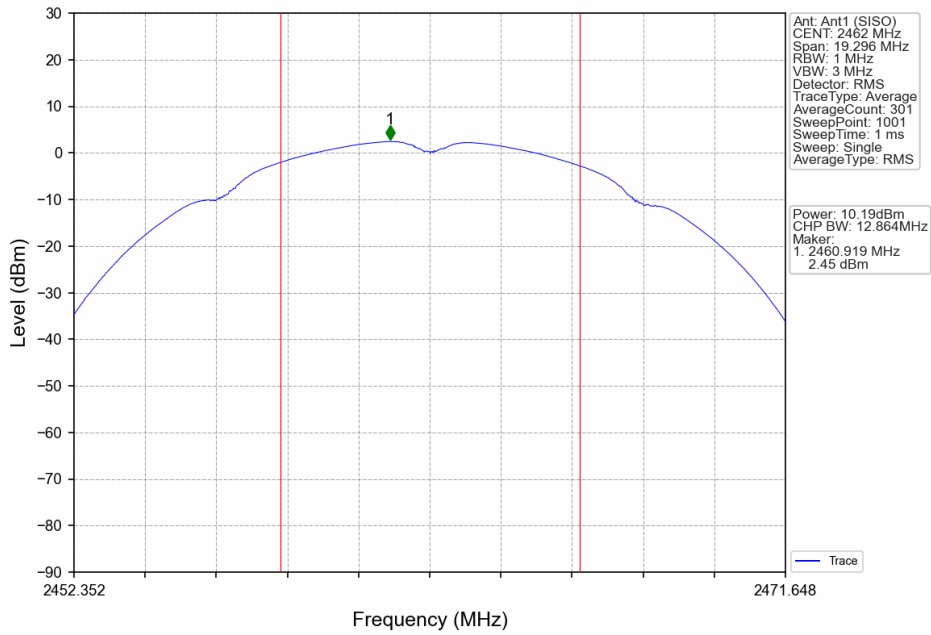
Mode	TX Type	Frequency (MHz)	Maximum Average Conducted Output Power (dBm)		Verdict
			ANT1	Limit	
802.11b	SISO	2412	9.51	<=30	Pass
		2437	10.27	<=30	Pass
		2462	10.19	<=30	Pass
802.11g	SISO	2412	9.42	<=30	Pass
		2437	10.15	<=30	Pass
		2462	9.97	<=30	Pass
802.11n (HT20)	SISO	2412	9.19	<=30	Pass
		2437	9.97	<=30	Pass
		2462	9.81	<=30	Pass

Note1: Antenna Gain: Ant1: 2.16dBi;

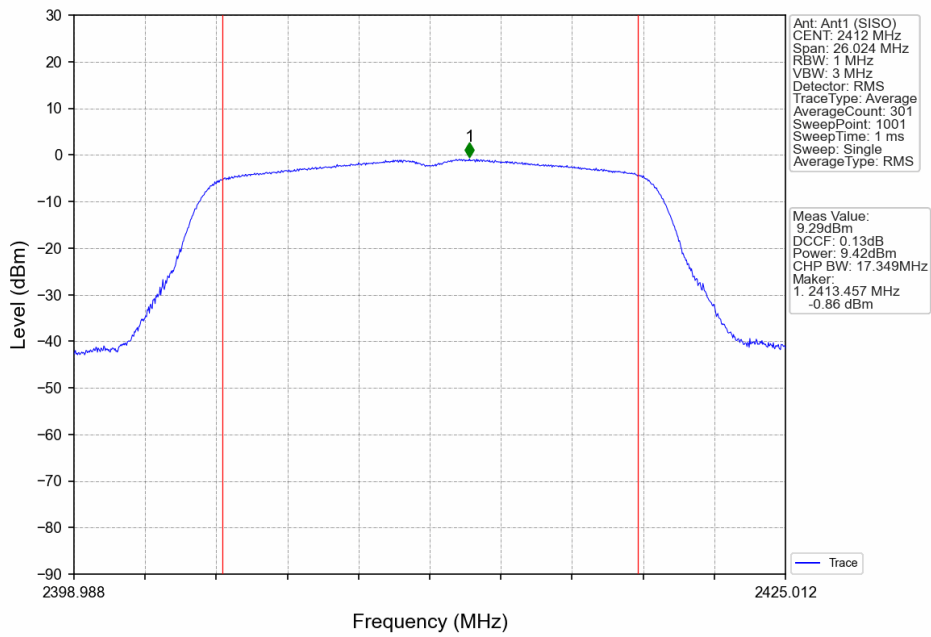
2.1.2 Test Graph



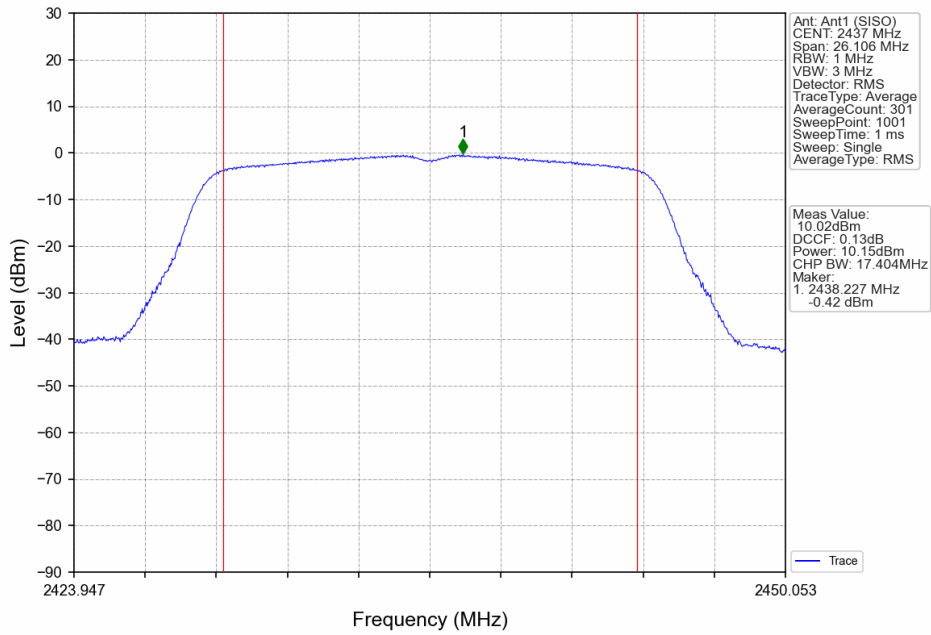
802.11b_HCH_2462MHz_Ant1 (SISO)_NTNV



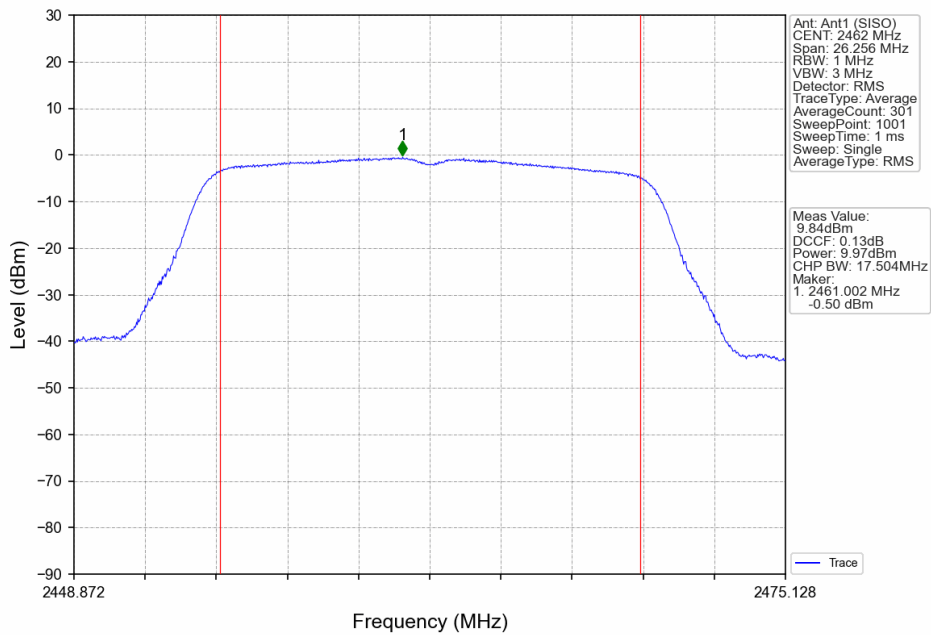
802.11g_LCH_2412MHz_Ant1 (SISO)_NTNV



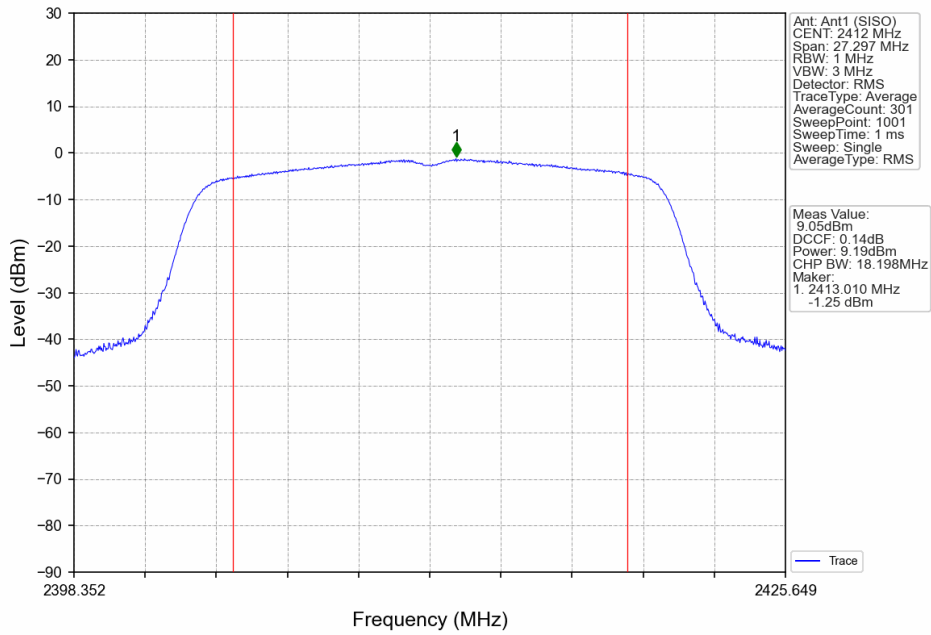
802.11g_MCH_2437MHz_Ant1 (SISO)_NTNV



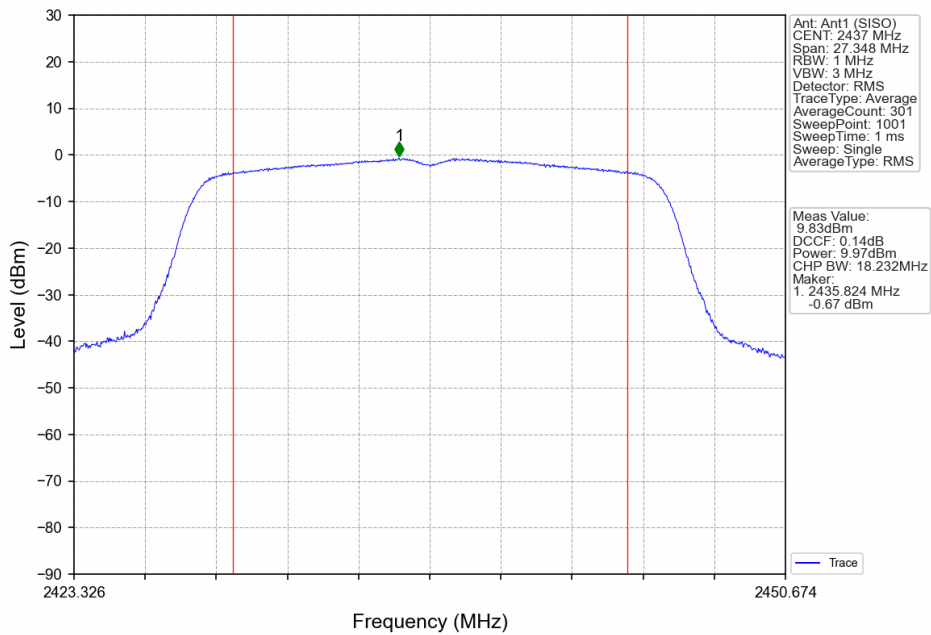
802.11g_HCH_2462MHz_Ant1 (SISO)_NTNV

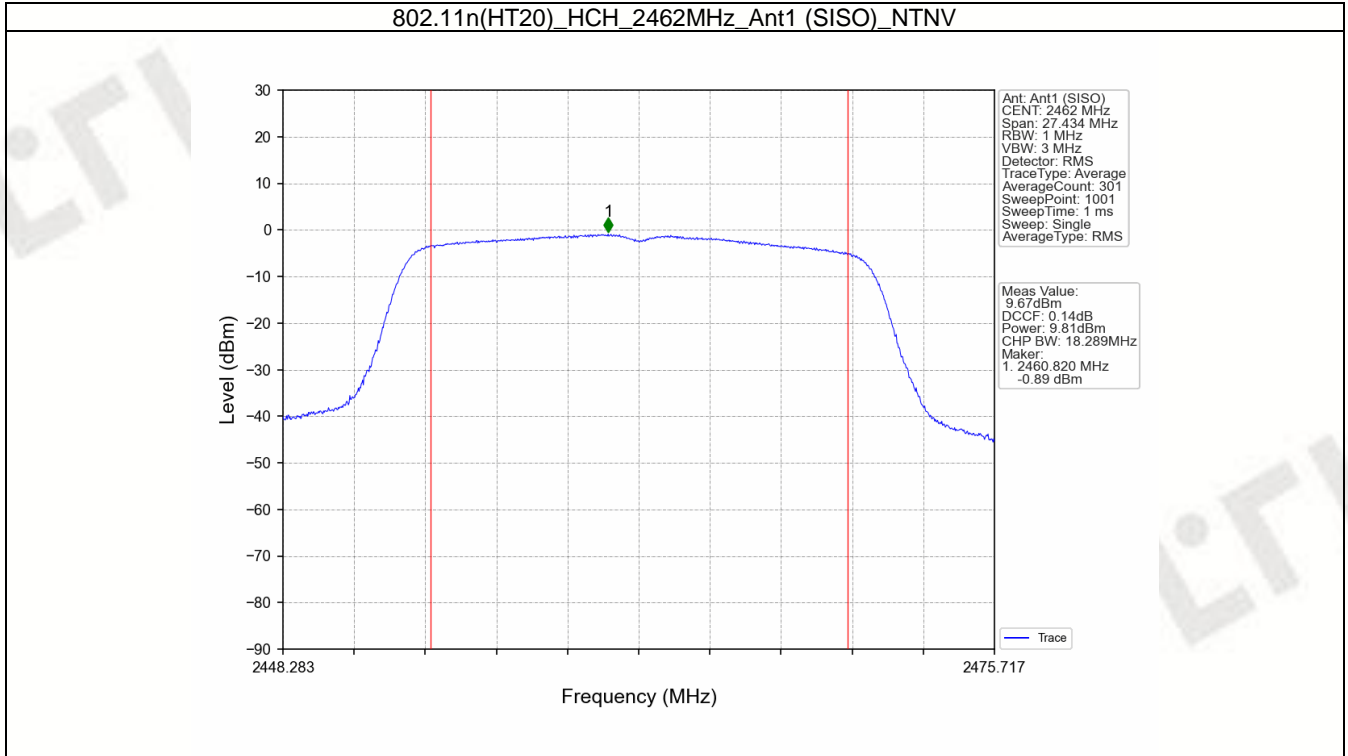


802.11n(HT20)_LCH_2412MHz_Ant1 (SISO)_NTNV



802.11n(HT20)_MCH_2437MHz_Ant1 (SISO)_NTNV





3. Maximum Power Spectral Density

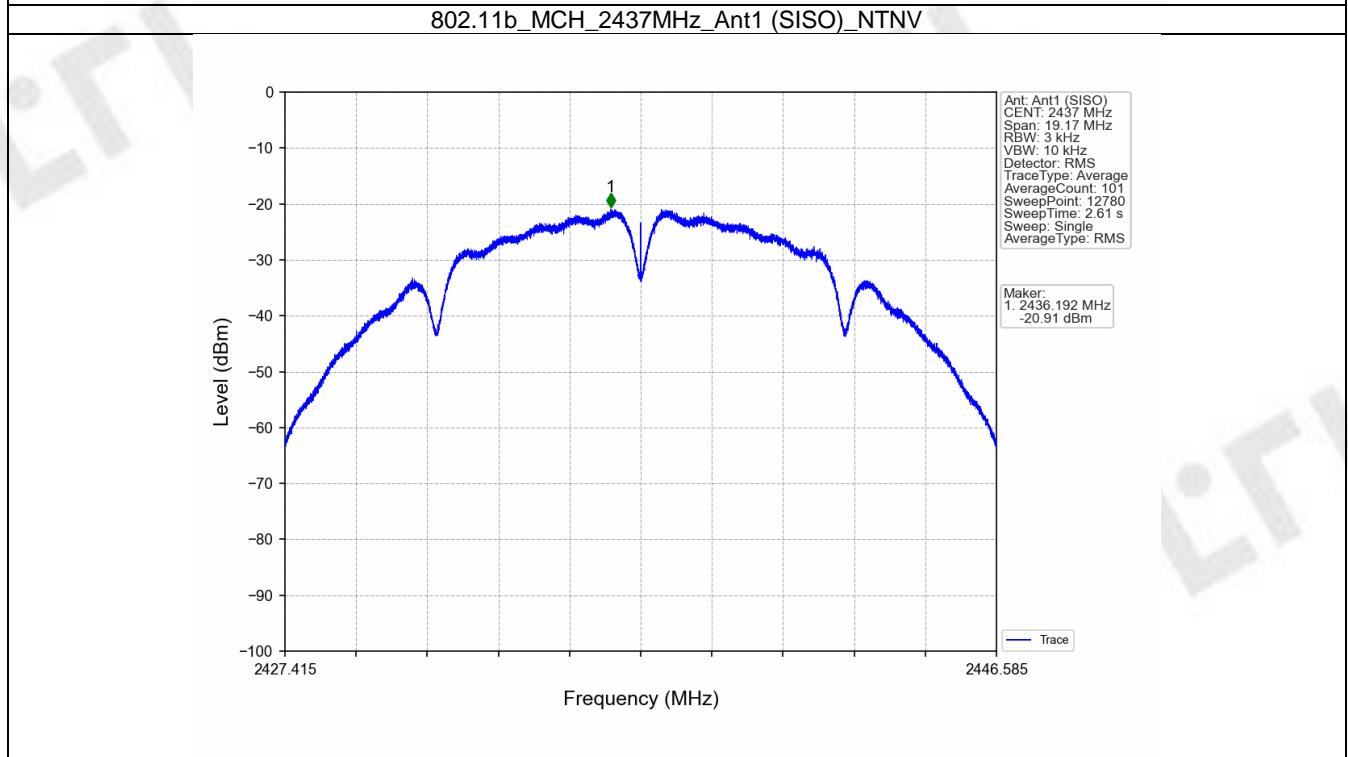
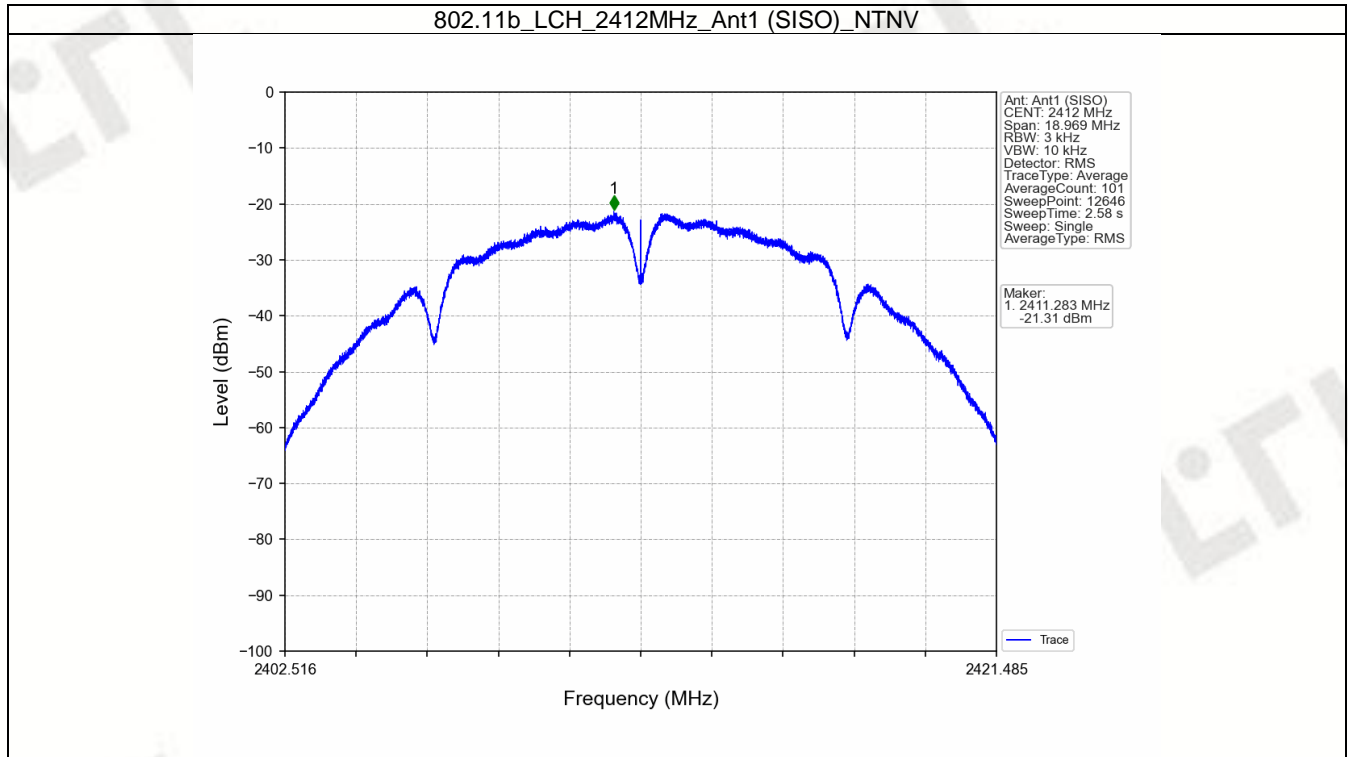
3.1 PSD

3.1.1 Test Result

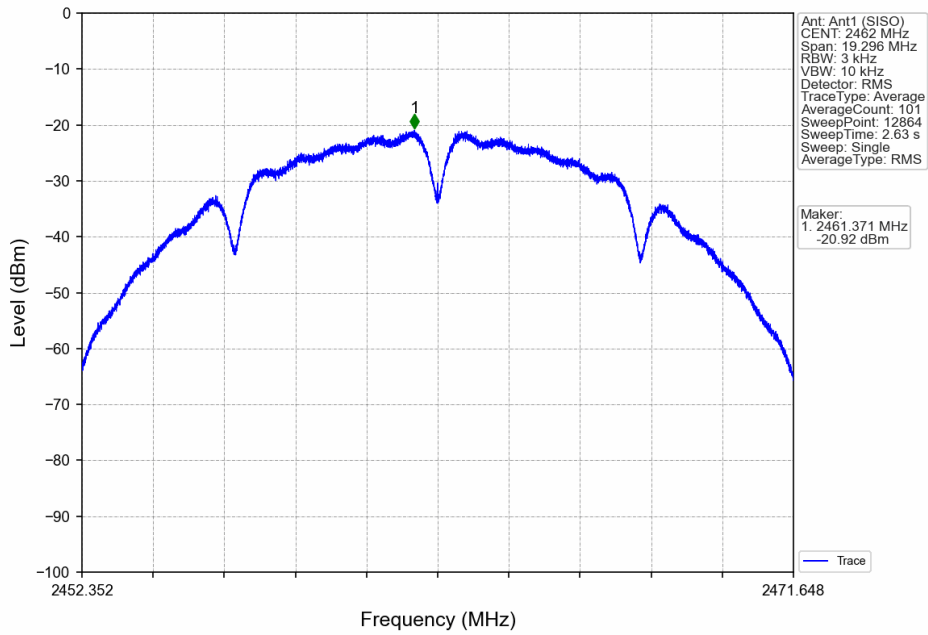
Mode	TX Type	Frequency (MHz)	Maximum PSD (dBm/3kHz)		Verdict
			ANT1	Limit	
802.11b	SISO	2412	-21.31	<=8	Pass
		2437	-20.91	<=8	Pass
		2462	-20.92	<=8	Pass
802.11g	SISO	2412	-23.86	<=8	Pass
		2437	-23.45	<=8	Pass
		2462	-23.37	<=8	Pass
802.11n (HT20)	SISO	2412	-23.85	<=8	Pass
		2437	-23.29	<=8	Pass
		2462	-23.50	<=8	Pass

Note1: Antenna Gain: Ant1: 2.16dBi;

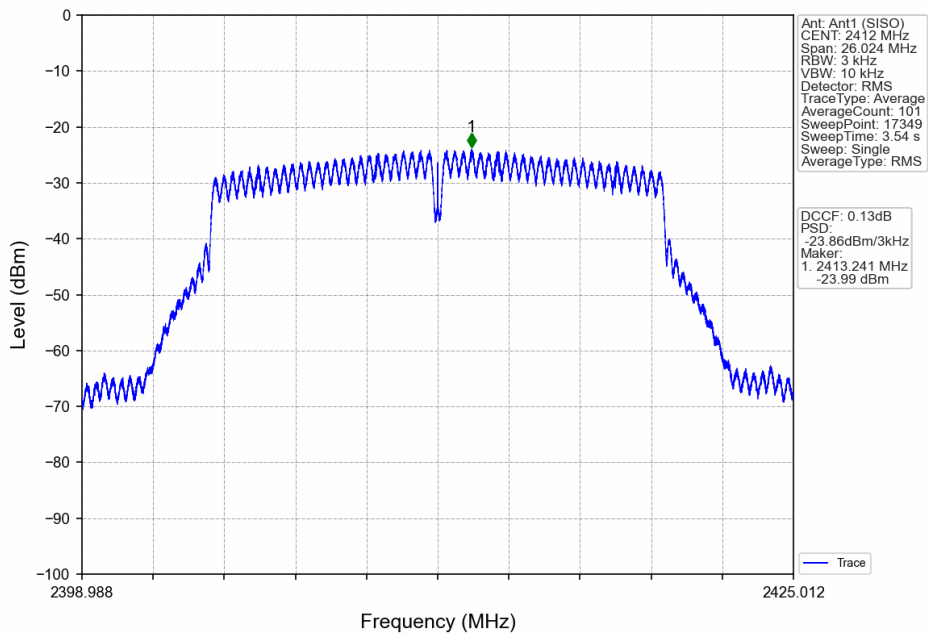
3.1.2 Test Graph



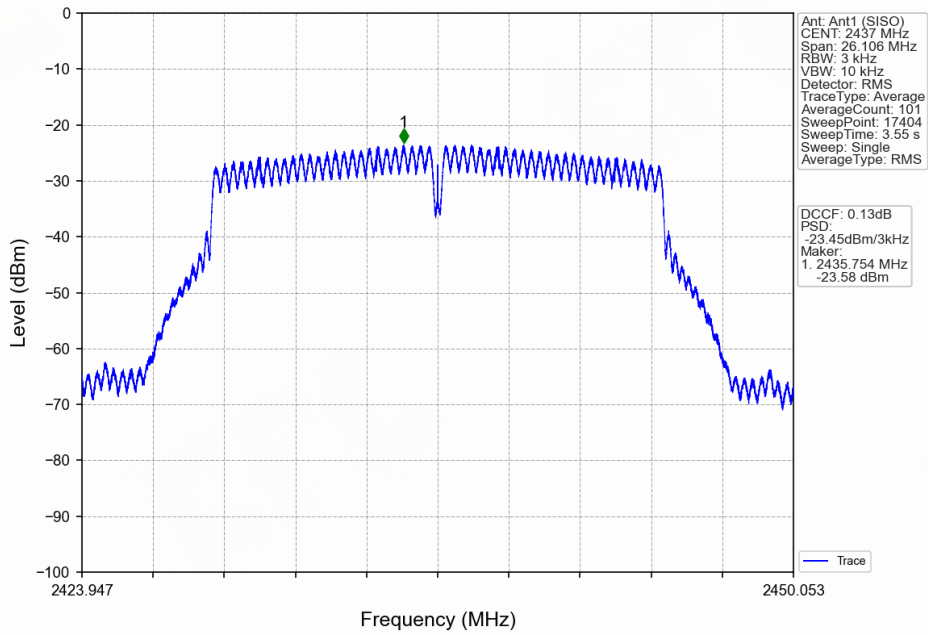
802.11b_HCH_2462MHz_Ant1 (SISO)_NTNV



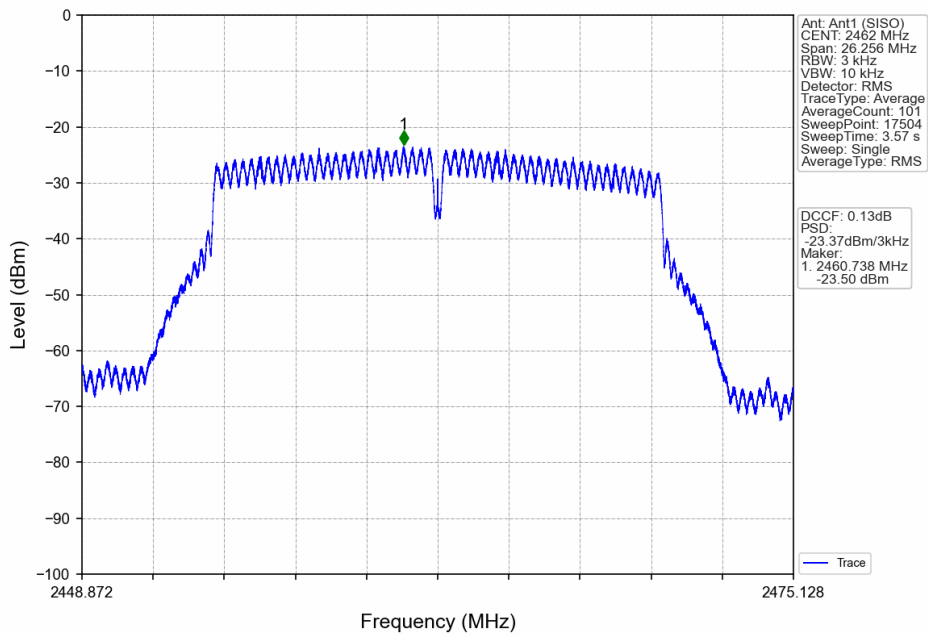
802.11g_LCH_2412MHz_Ant1 (SISO)_NTNV



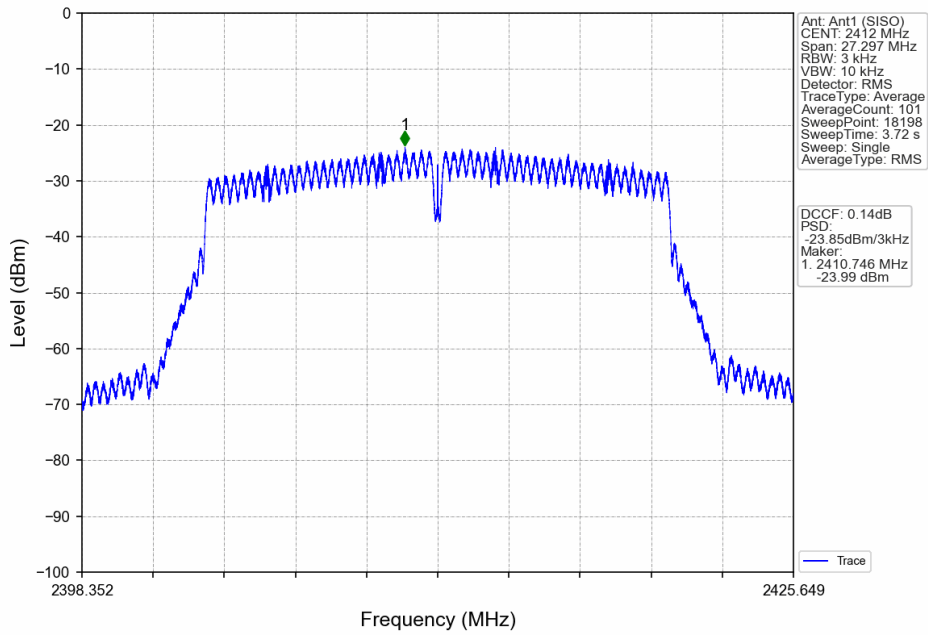
802.11g_MCH_2437MHz_Ant1 (SISO)_NTNV



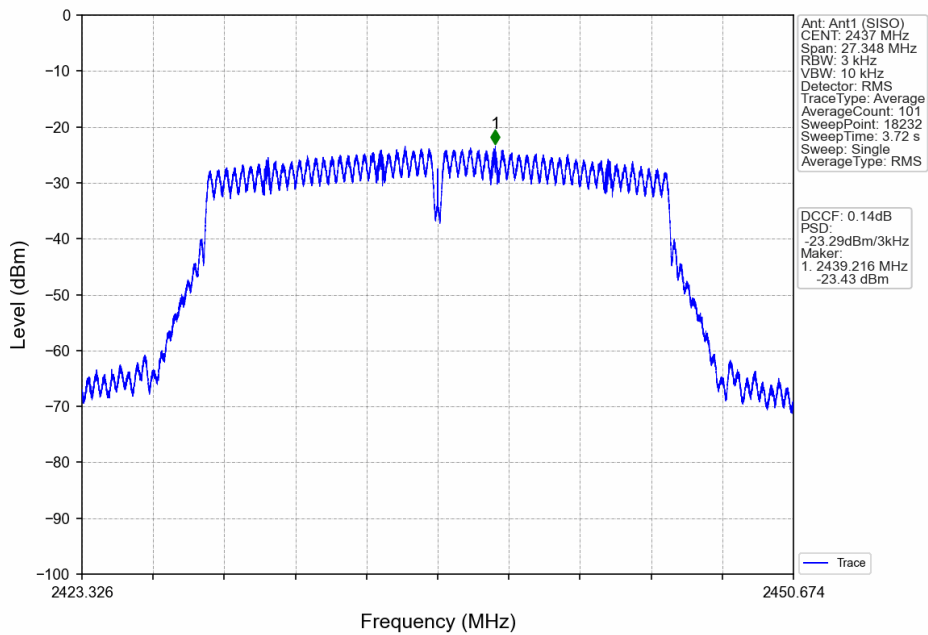
802.11g_HCH_2462MHz_Ant1 (SISO)_NTNV

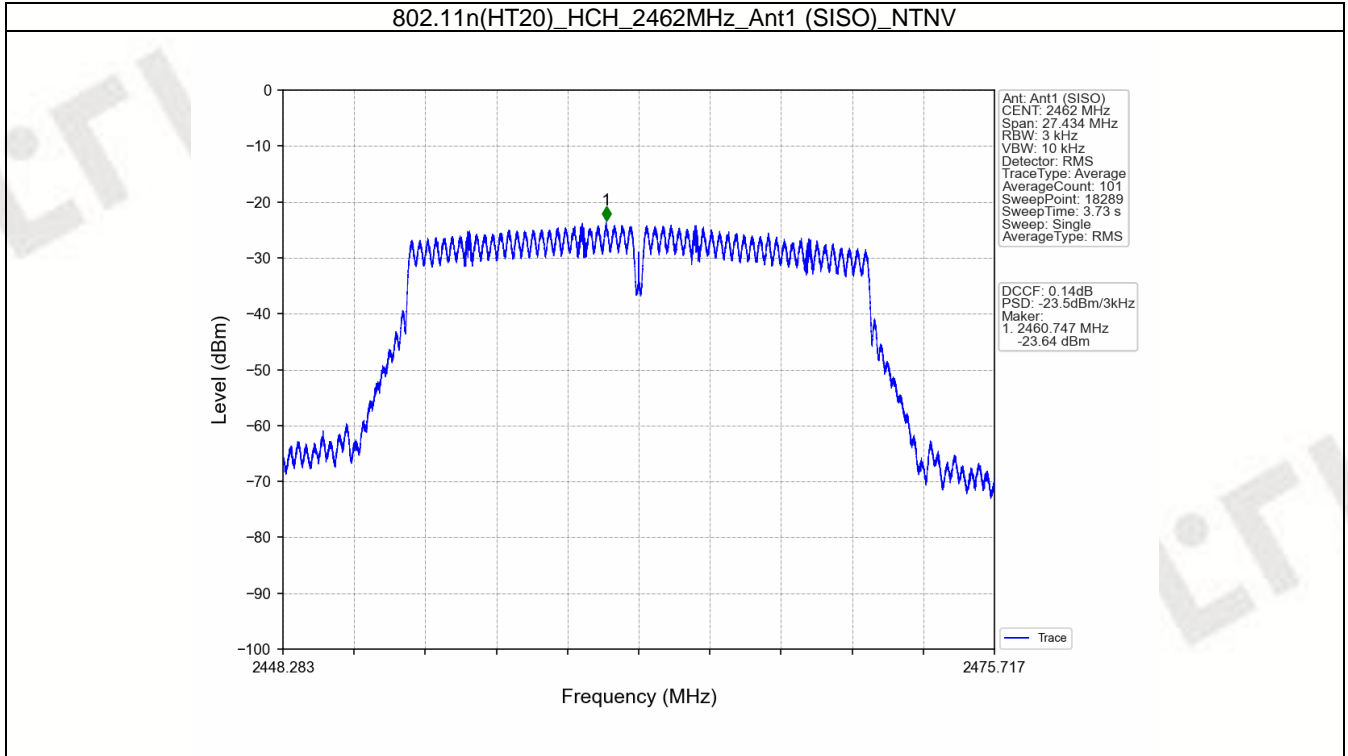


802.11n(HT20)_LCH_2412MHz_Ant1 (SISO)_NTNV



802.11n(HT20)_MCH_2437MHz_Ant1 (SISO)_NTNV





4. Unwanted Emissions In Non-restricted Frequency Bands

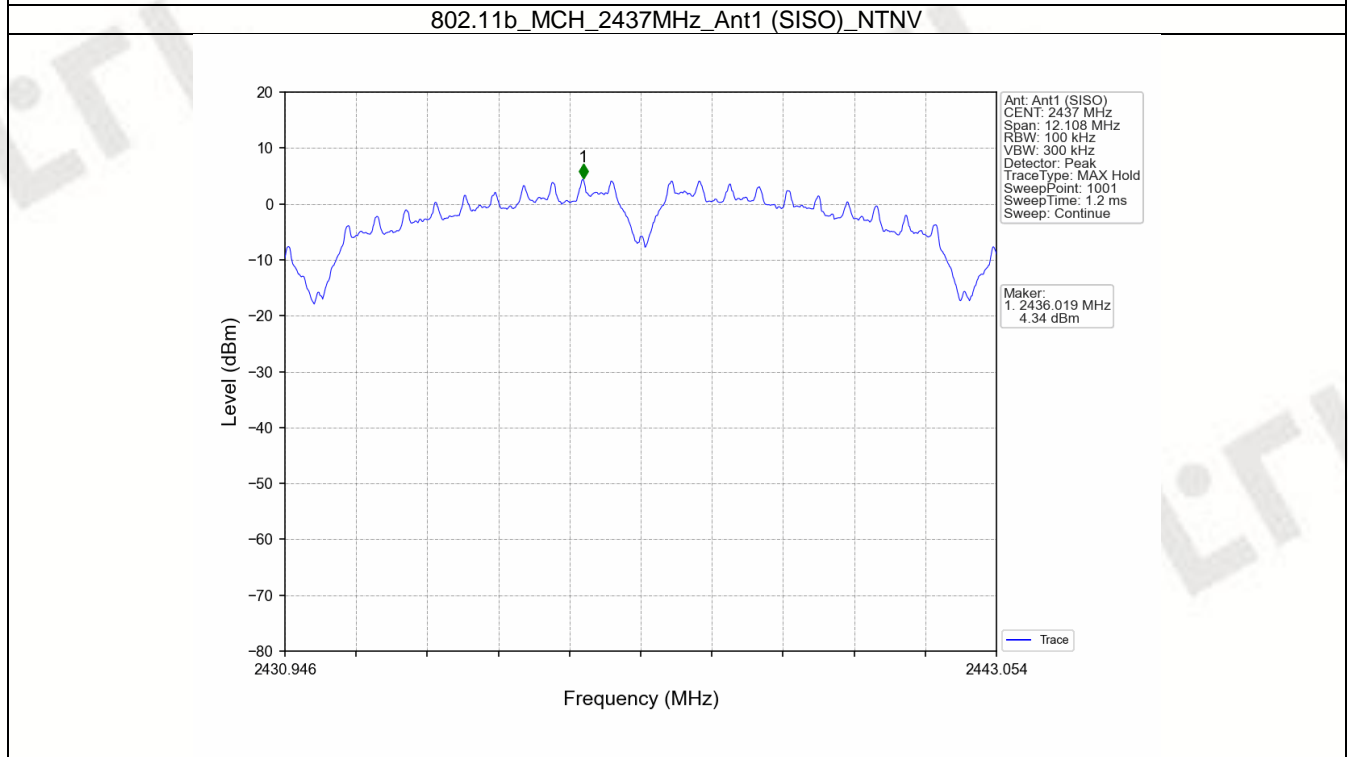
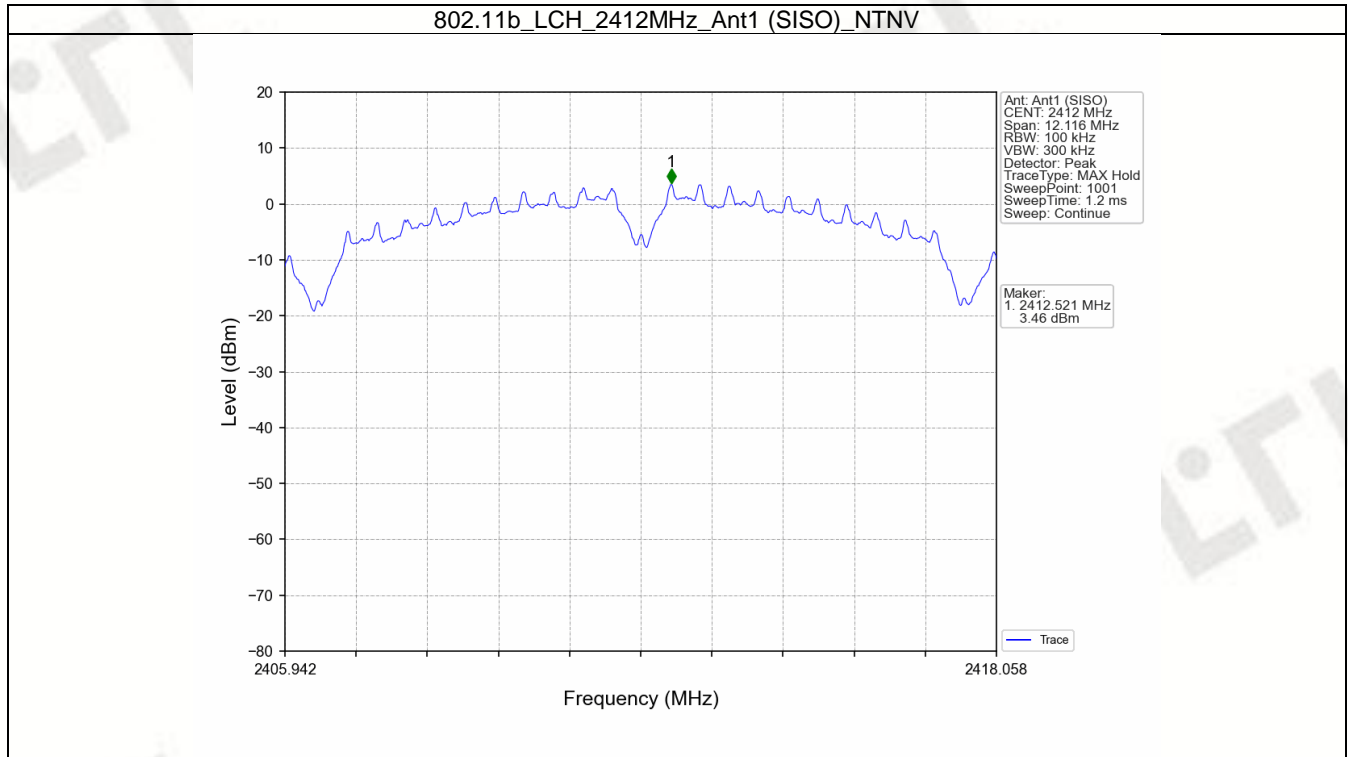
4.1 Ref

4.1.1 Test Result

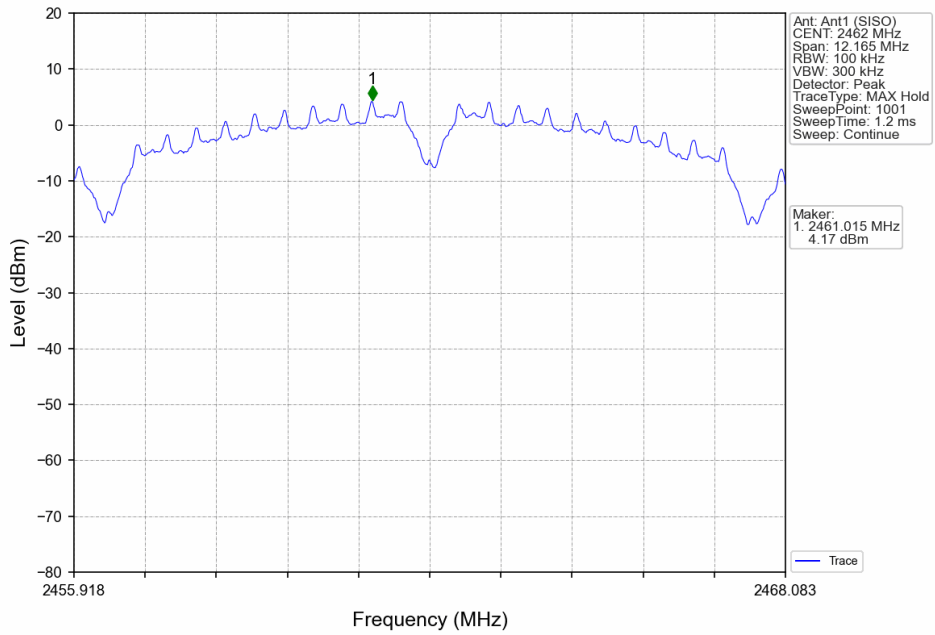
Mode	TX Type	Frequency (MHz)	ANT	Level of Reference (dBm)
802.11b	SISO	2412	1	3.46
		2437	1	4.34
		2462	1	4.17
802.11g	SISO	2412	1	-3.33
		2437	1	-2.74
		2462	1	-3.34
802.11n (HT20)	SISO	2412	1	-3.38
		2437	1	-2.77
		2462	1	-3.10

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.

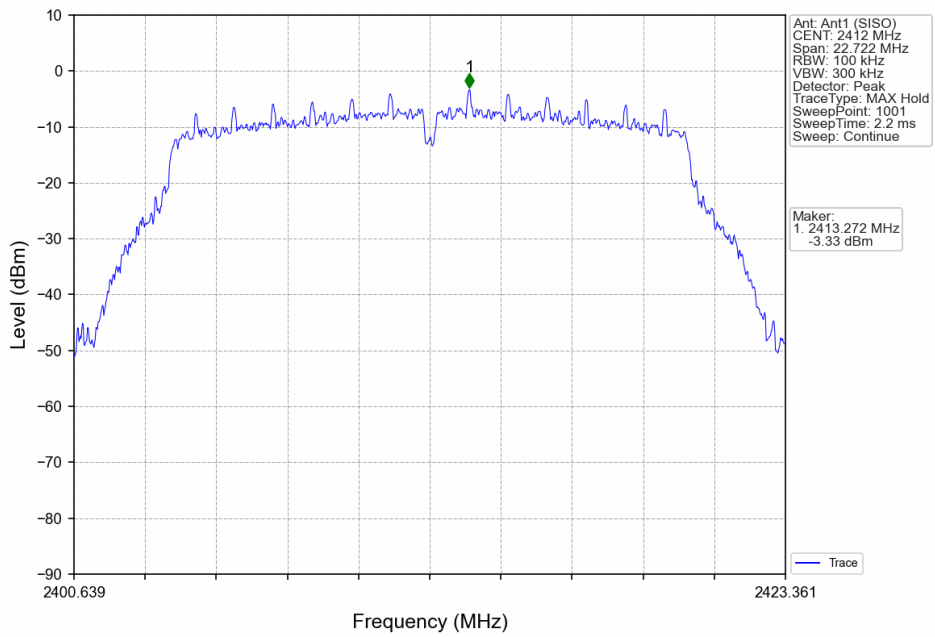
4.1.2 Test Graph



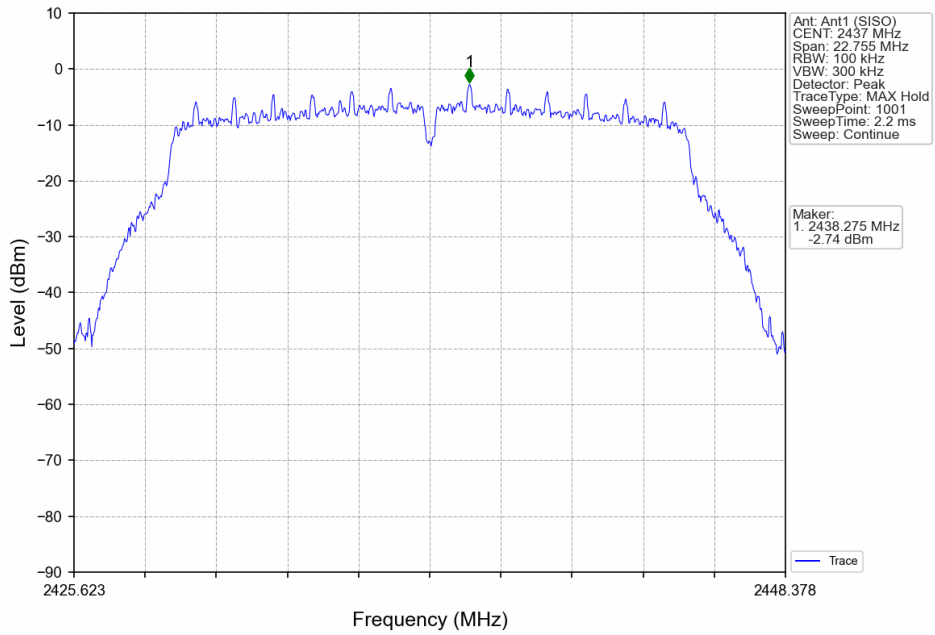
802.11b_HCH_2462MHz_Ant1 (SISO)_NTNV



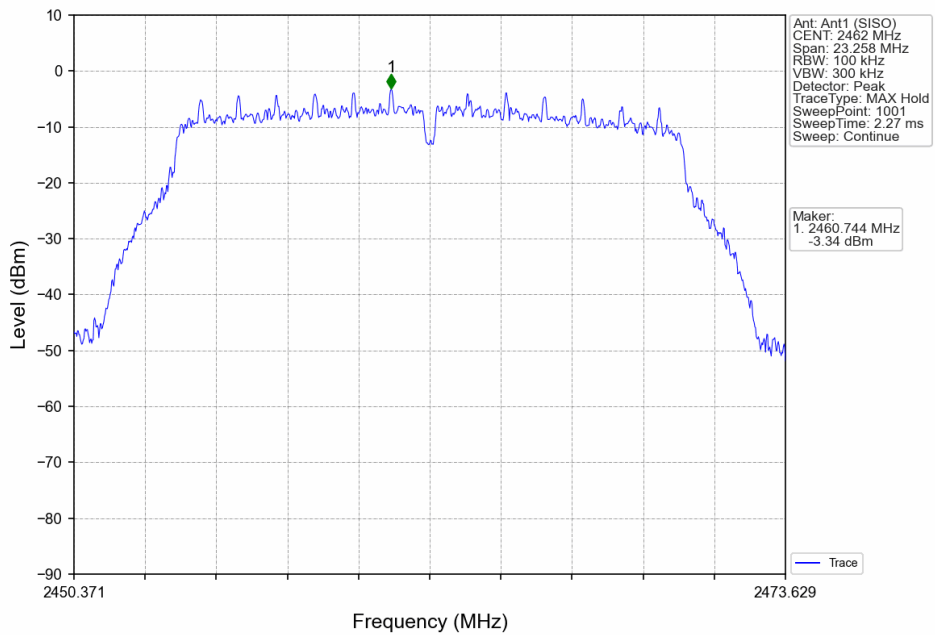
802.11g_LCH_2412MHz_Ant1 (SISO)_NTNV



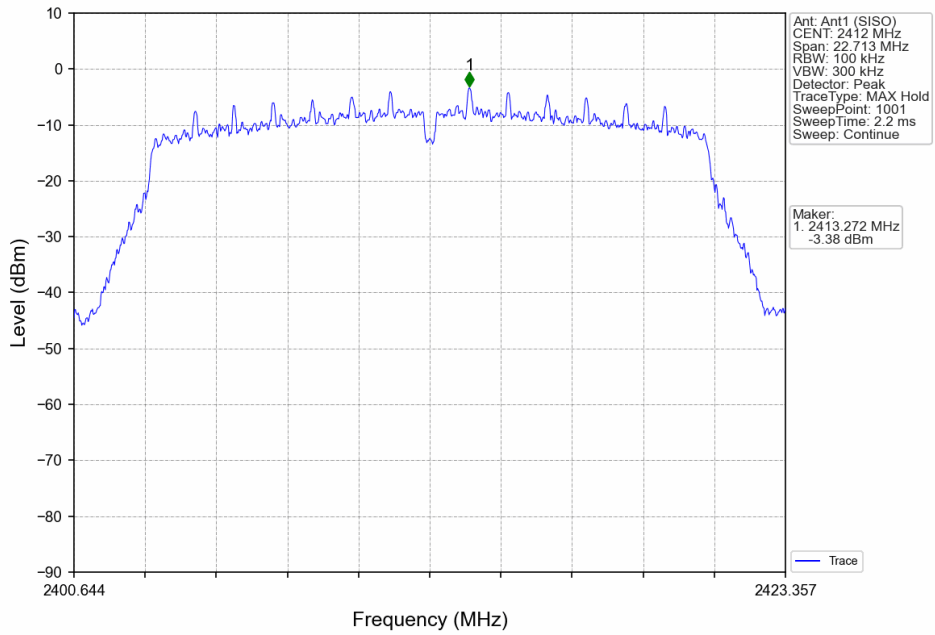
802.11g_MCH_2437MHz_Ant1 (SISO)_NTNV



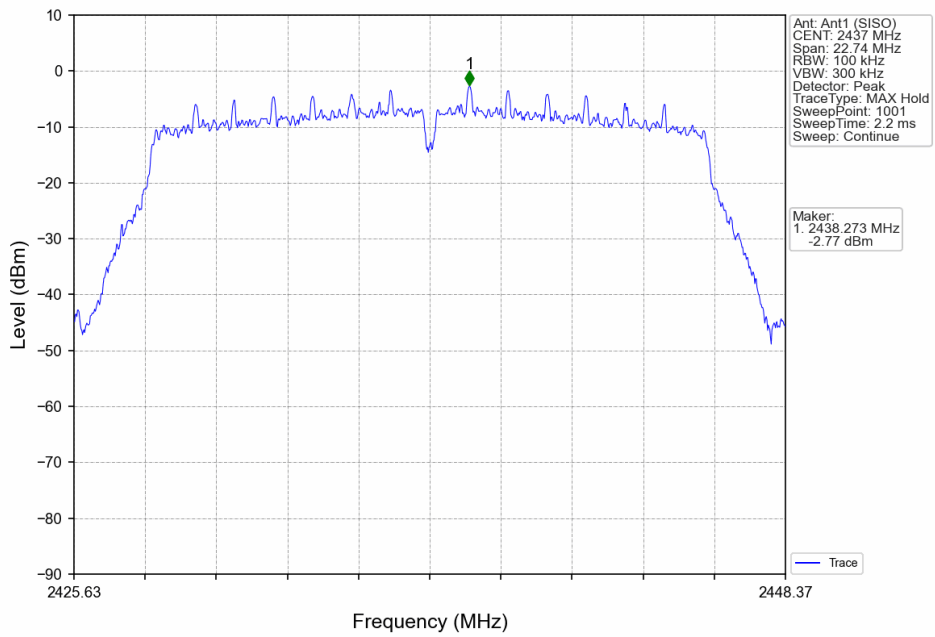
802.11g_HCH_2462MHz_Ant1 (SISO)_NTNV

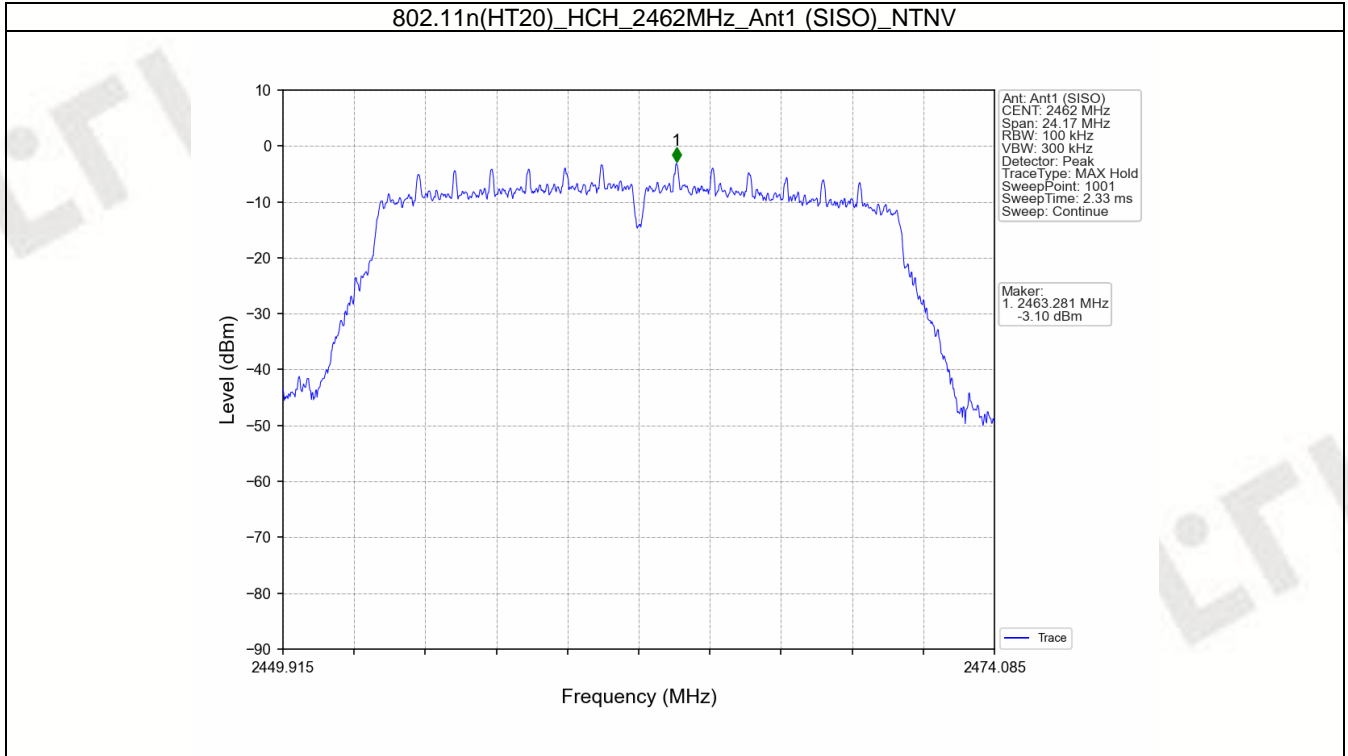


802.11n(HT20)_LCH_2412MHz_Ant1 (SISO)_NTNV



802.11n(HT20)_MCH_2437MHz_Ant1 (SISO)_NTNV





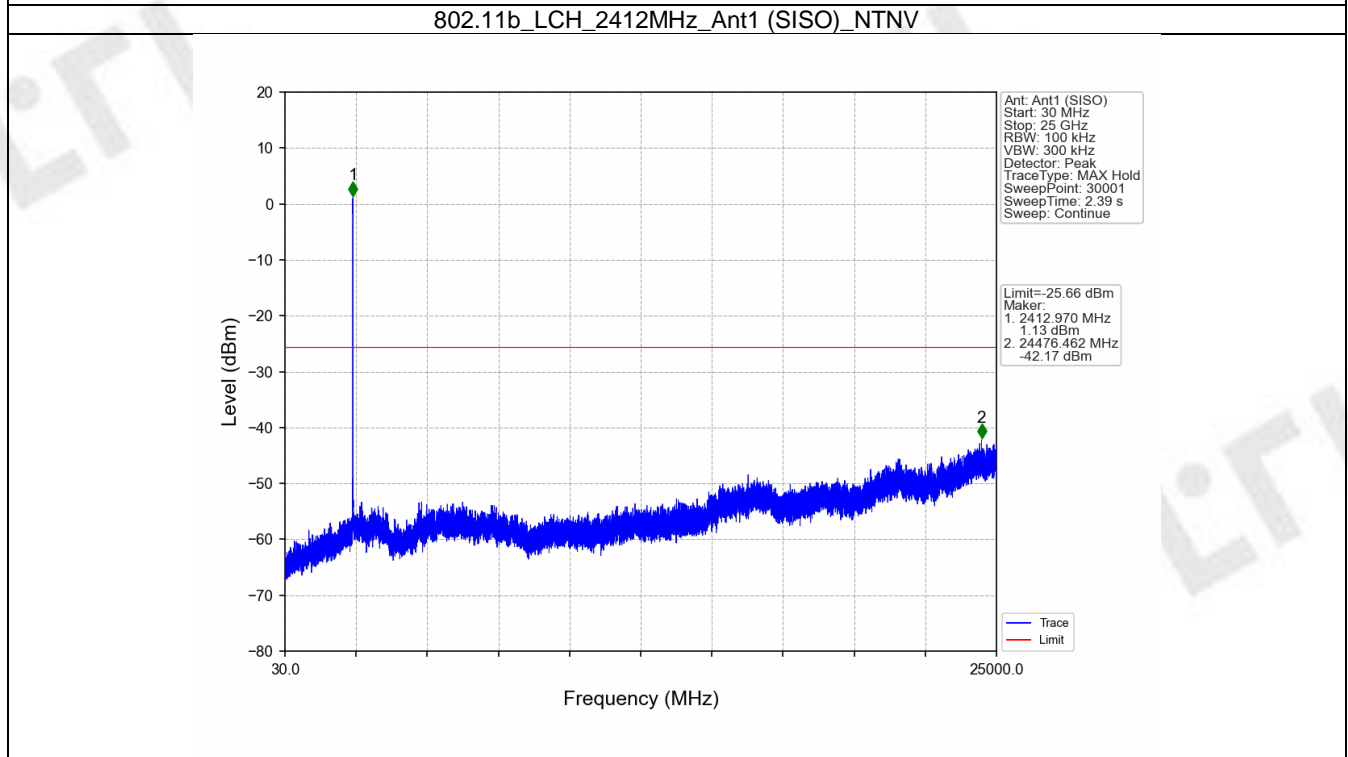
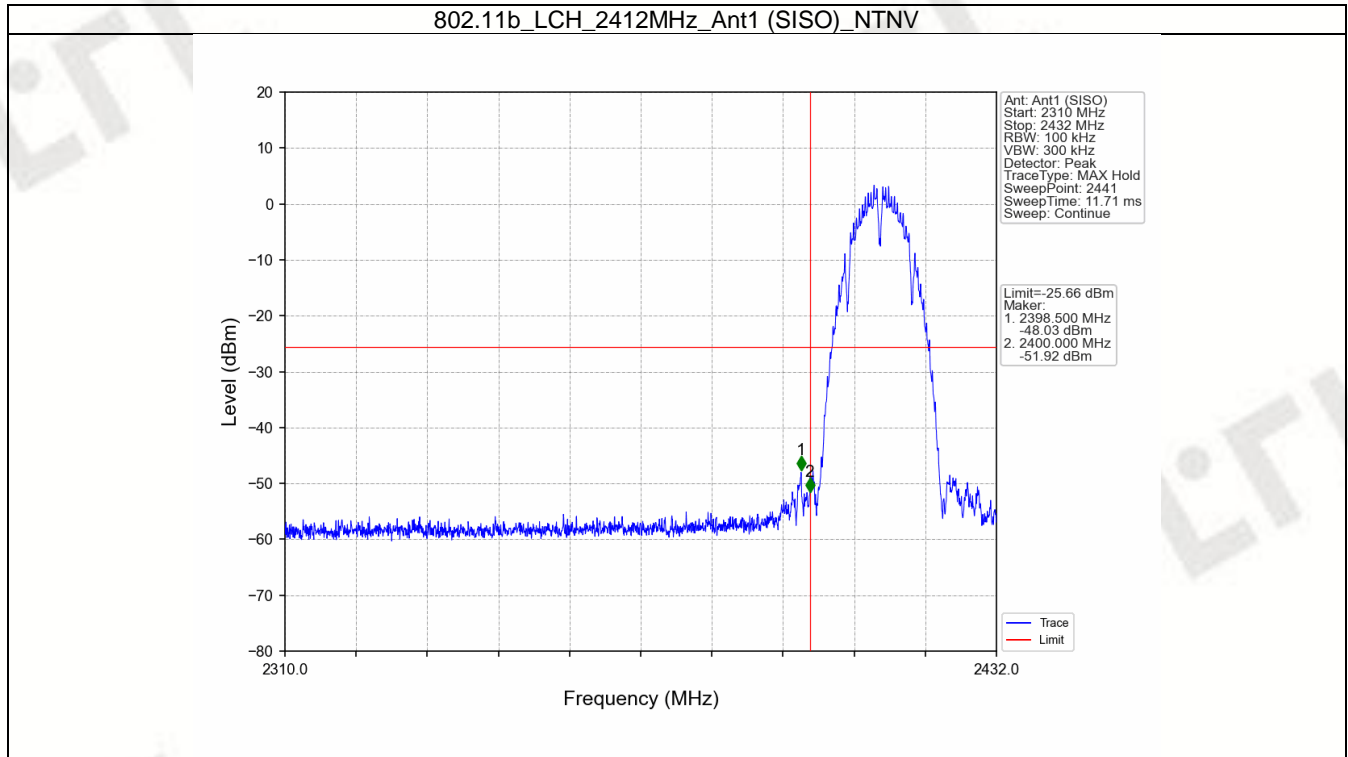
4.2 CSE

4.2.1 Test Result

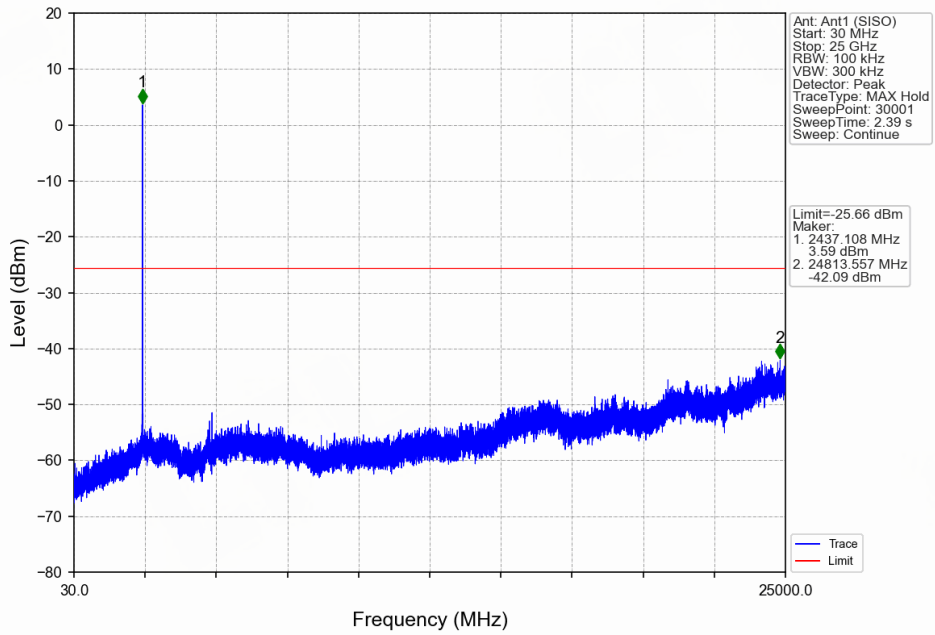
Mode	TX Type	Frequency (MHz)	ANT	Level of Reference (dBm)	Limit (dBm)	Verdict
802.11b	SISO	2412	1	4.34	-25.66	Pass
		2437	1	4.34	-25.66	Pass
		2462	1	4.34	-25.66	Pass
802.11g	SISO	2412	1	-2.74	-32.74	Pass
		2437	1	-2.74	-32.74	Pass
		2462	1	-2.74	-32.74	Pass
802.11n (HT20)	SISO	2412	1	-2.77	-32.77	Pass
		2437	1	-2.77	-32.77	Pass
		2462	1	-2.77	-32.77	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.

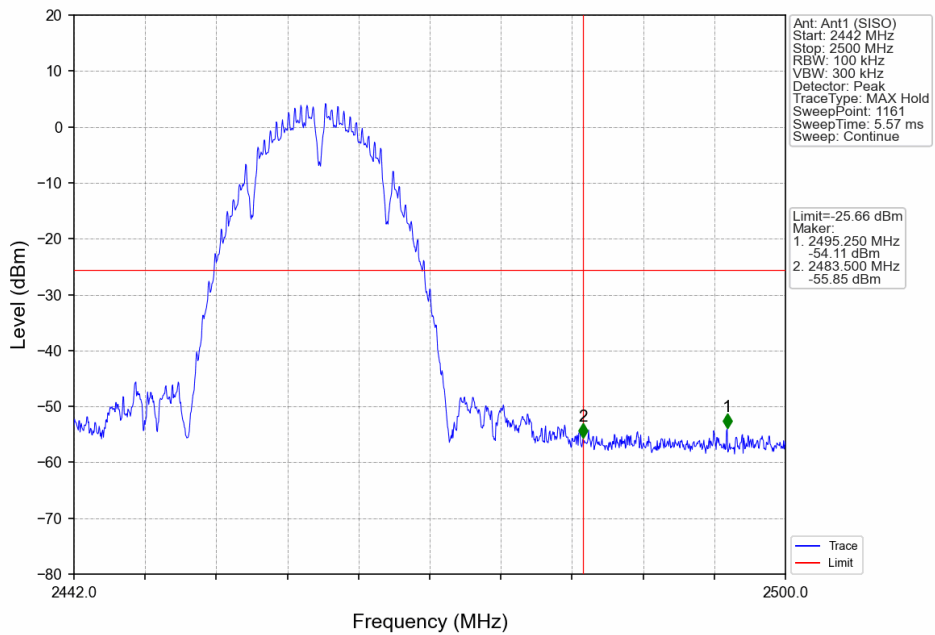
4.2.2 Test Graph



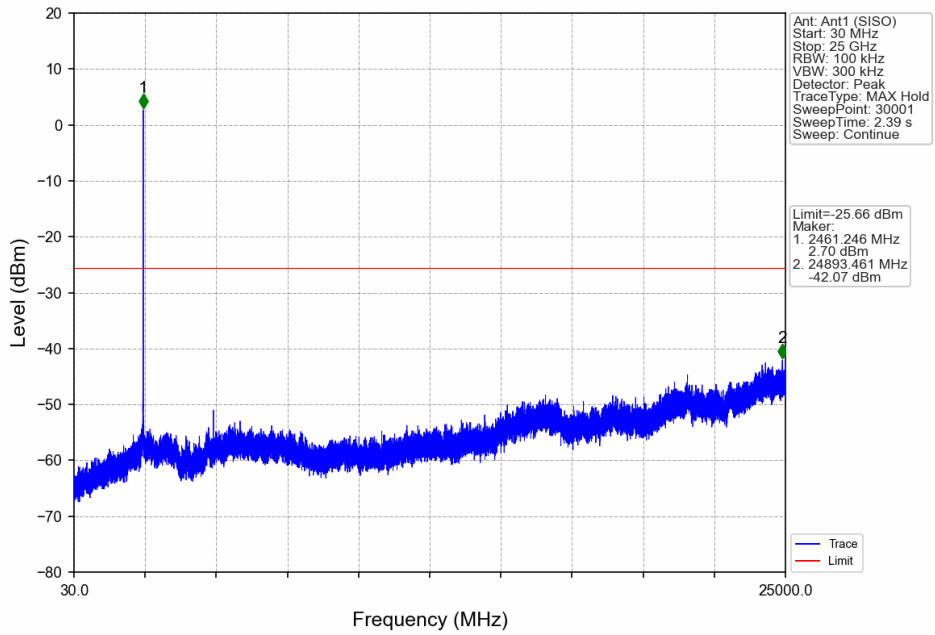
802.11b_MCH_2437MHz_Ant1 (SISO)_NTNV



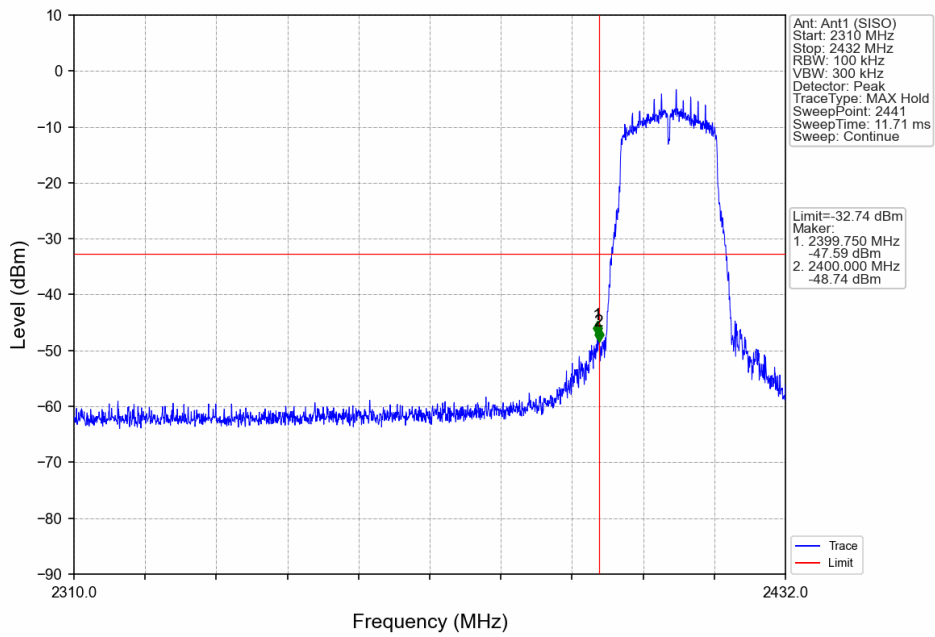
802.11b_HCH_2462MHz_Ant1 (SISO)_NTNV



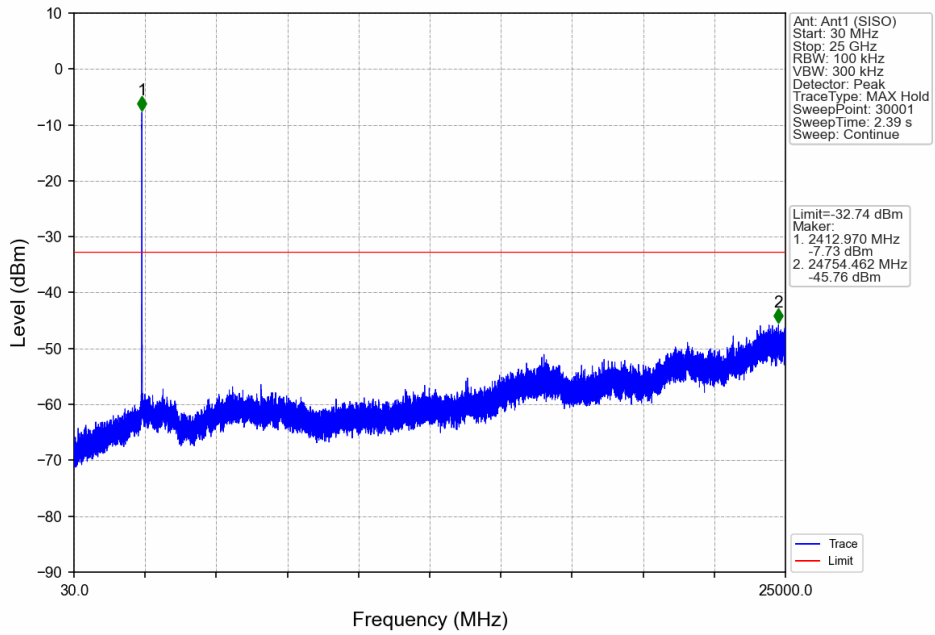
802.11b_HCH_2462MHz_Ant1 (SISO)_NTNV



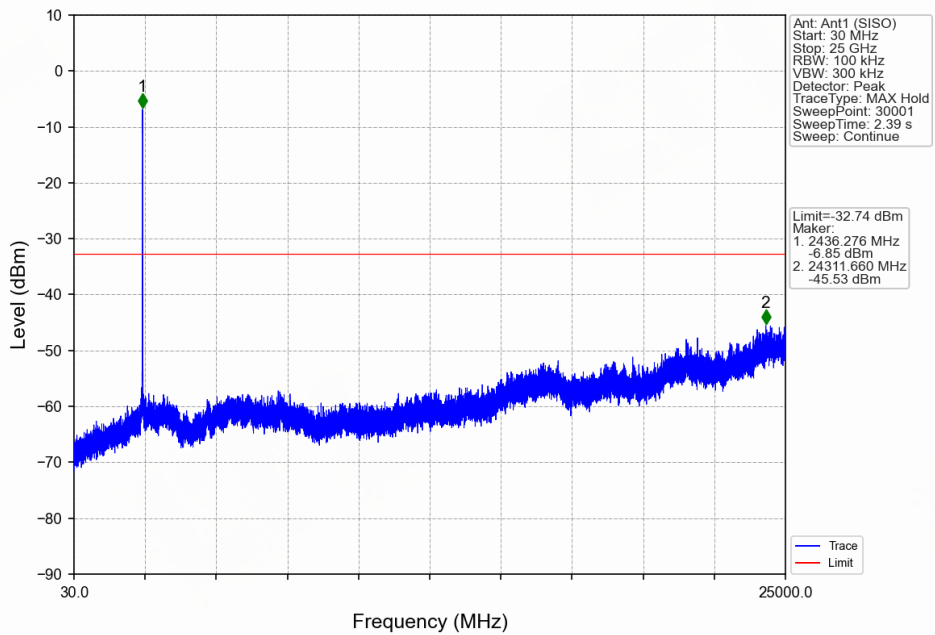
802.11g_LCH_2412MHz_Ant1 (SISO)_NTNV



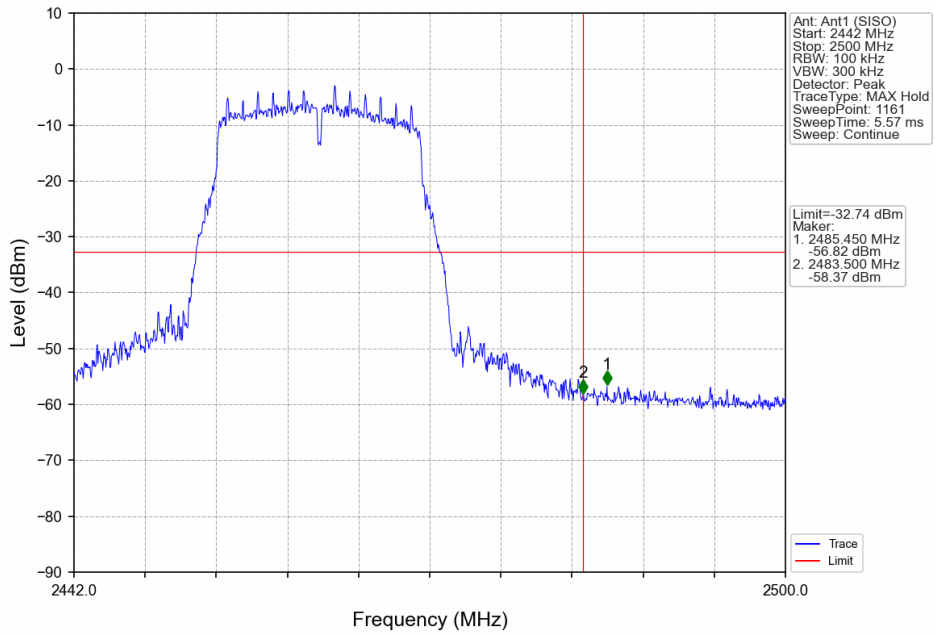
802.11g_LCH_2412MHz_Ant1 (SISO)_NTNV



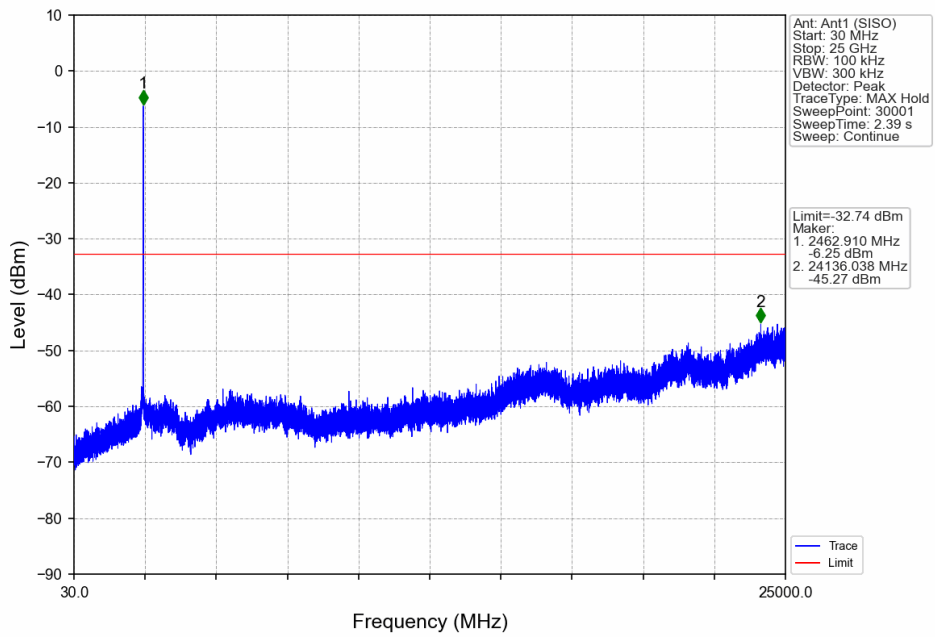
802.11g_MCH_2437MHz_Ant1 (SISO)_NTNV



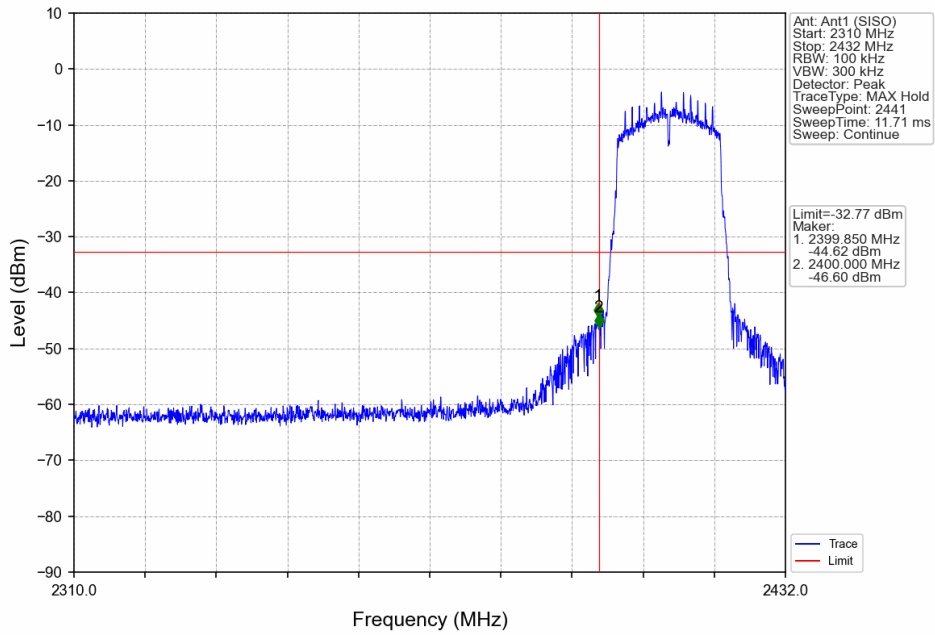
802.11g_HCH_2462MHz_Ant1 (SISO)_NTNV



802.11g_HCH_2462MHz_Ant1 (SISO)_NTNV



802.11n(HT20)_LCH_2412MHz_Ant1 (SISO)_NTNV



802.11n(HT20)_LCH_2412MHz_Ant1 (SISO)_NTNV

