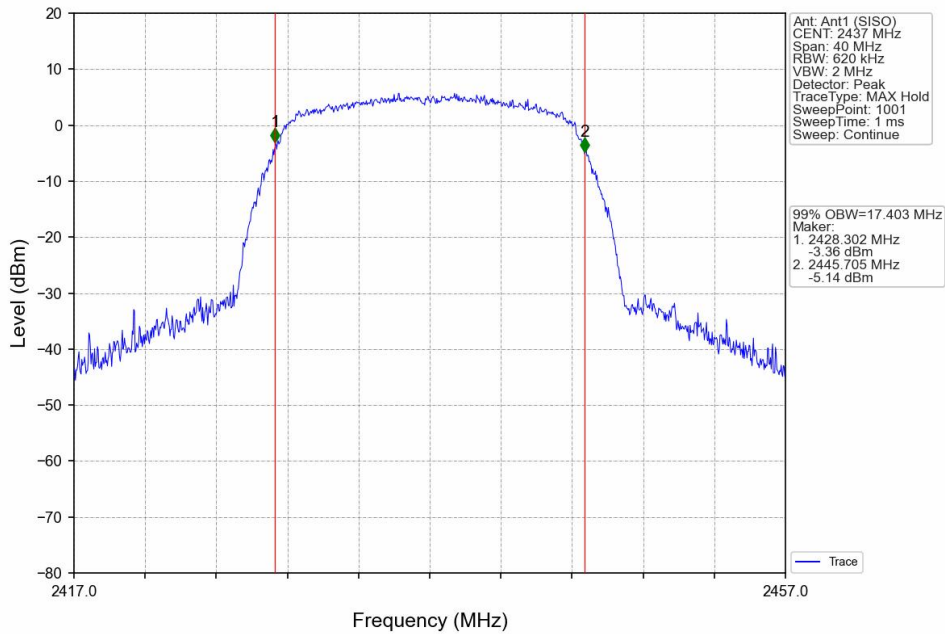
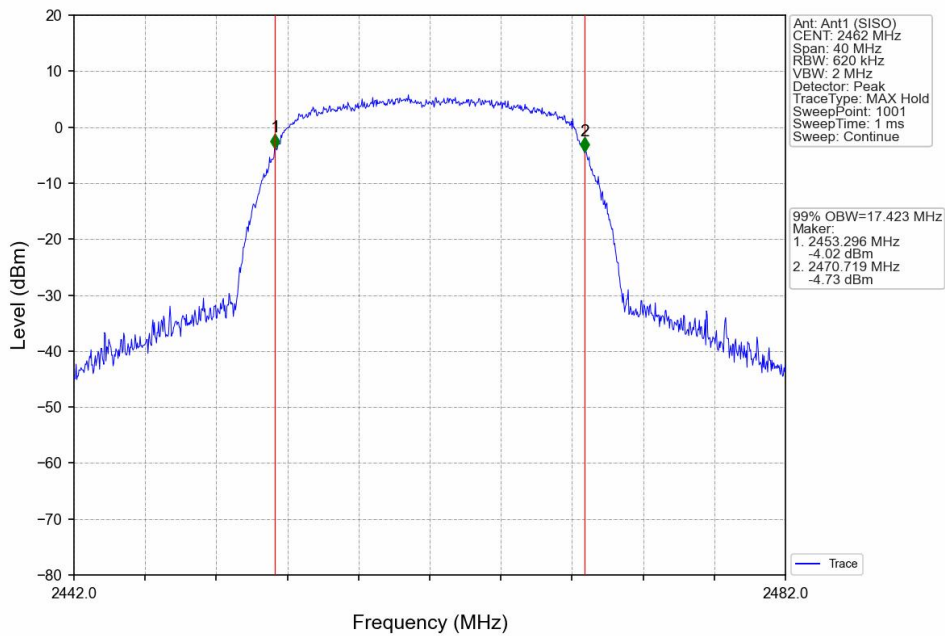


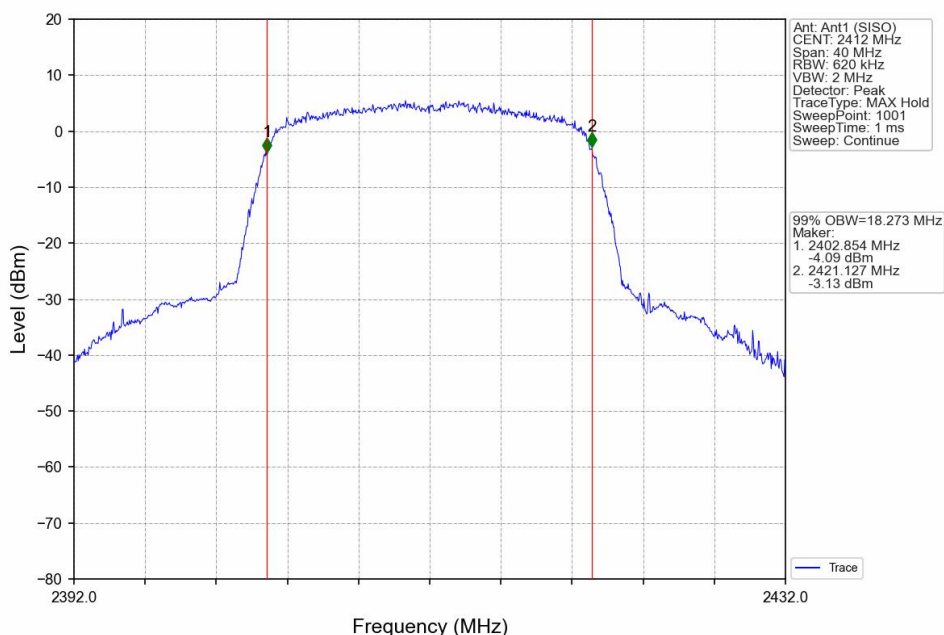
802.11g_MCH_2437MHz_Ant1 (SISO)_NTNV



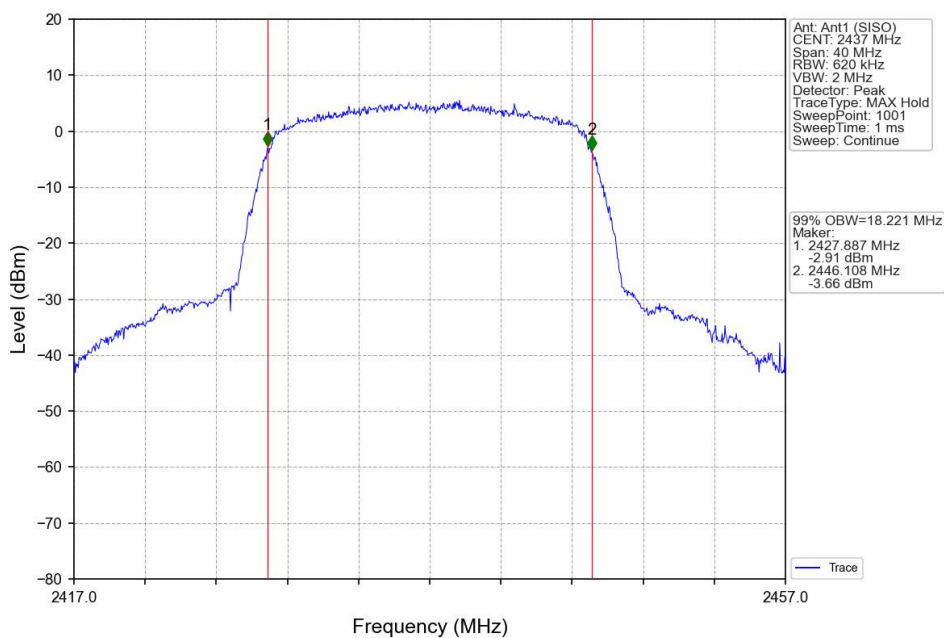
802.11g_HCH_2462MHz_Ant1 (SISO)_NTNV



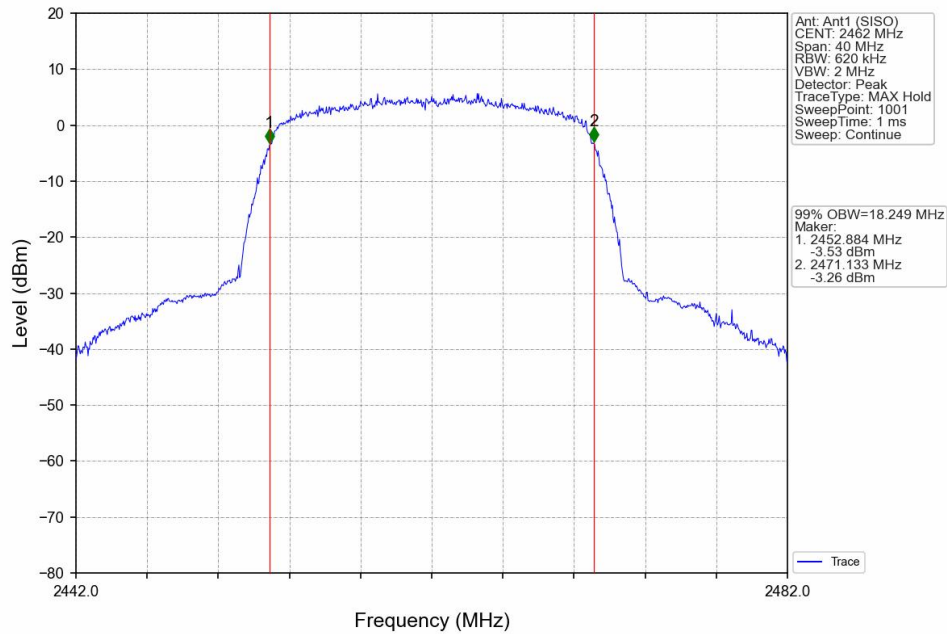
802.11n(HT20)_LCH_2412MHz_Ant1 (SISO)_NTNV



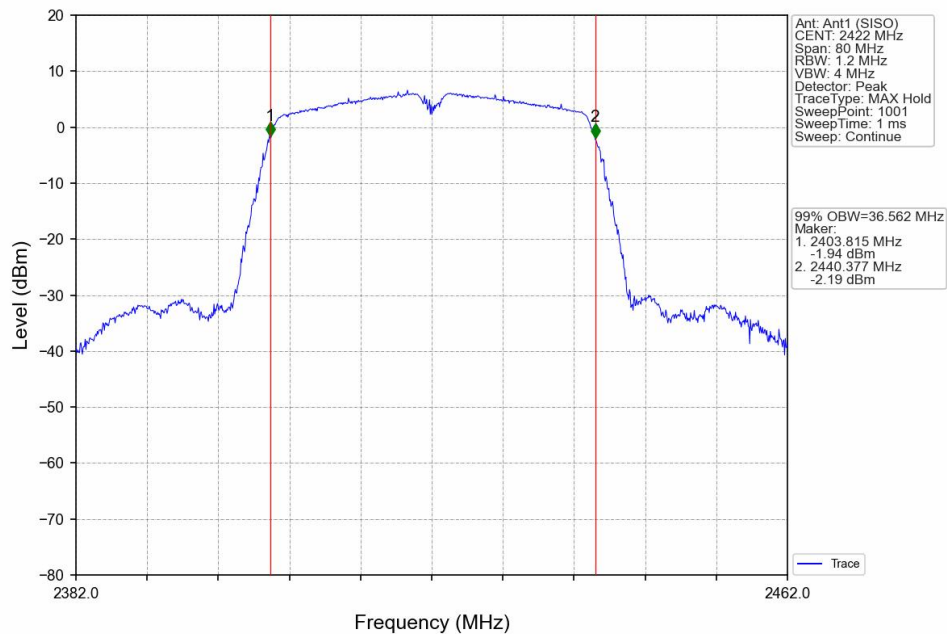
802.11n(HT20)_MCH_2437MHz_Ant1 (SISO)_NTNV



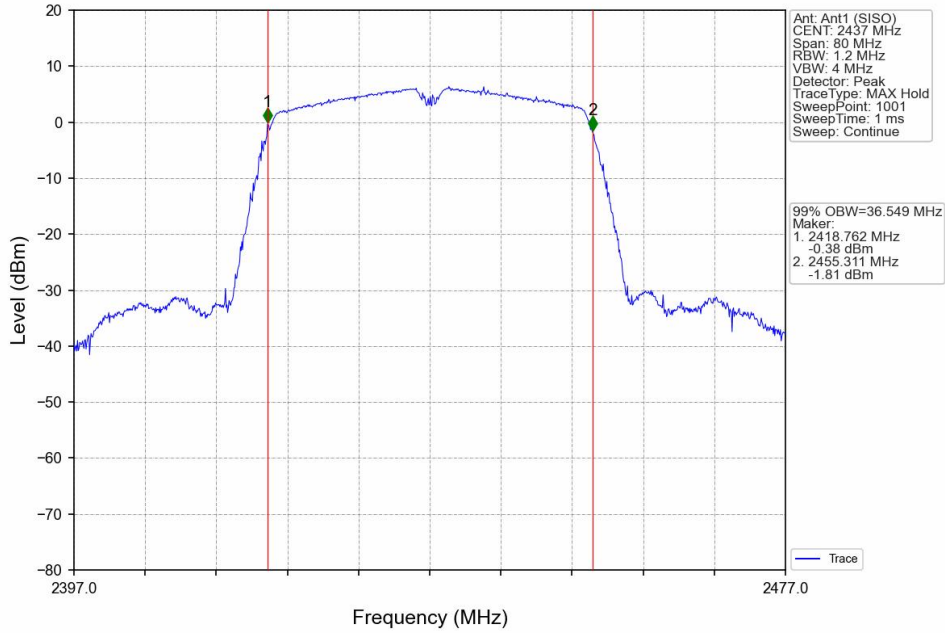
802.11n(HT20)_HCH_2462MHz_Ant1 (SISO)_NTNV



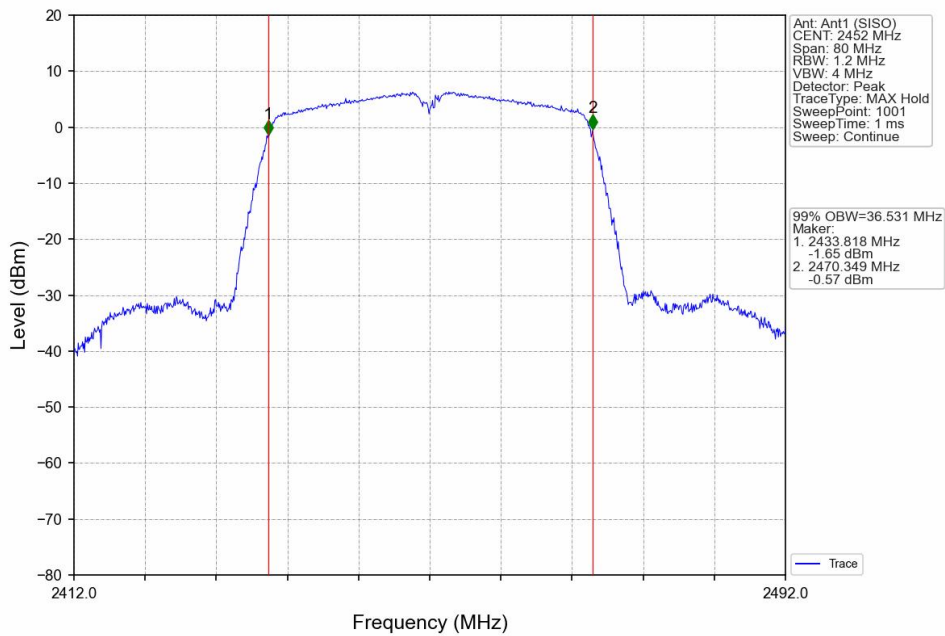
802.11n(HT40)_LCH_2422MHz_Ant1 (SISO)_NTNV



802.11n(HT40)_MCH_2437MHz_Ant1 (SISO)_NTNV



802.11n(HT40)_HCH_2452MHz_Ant1 (SISO)_NTNV

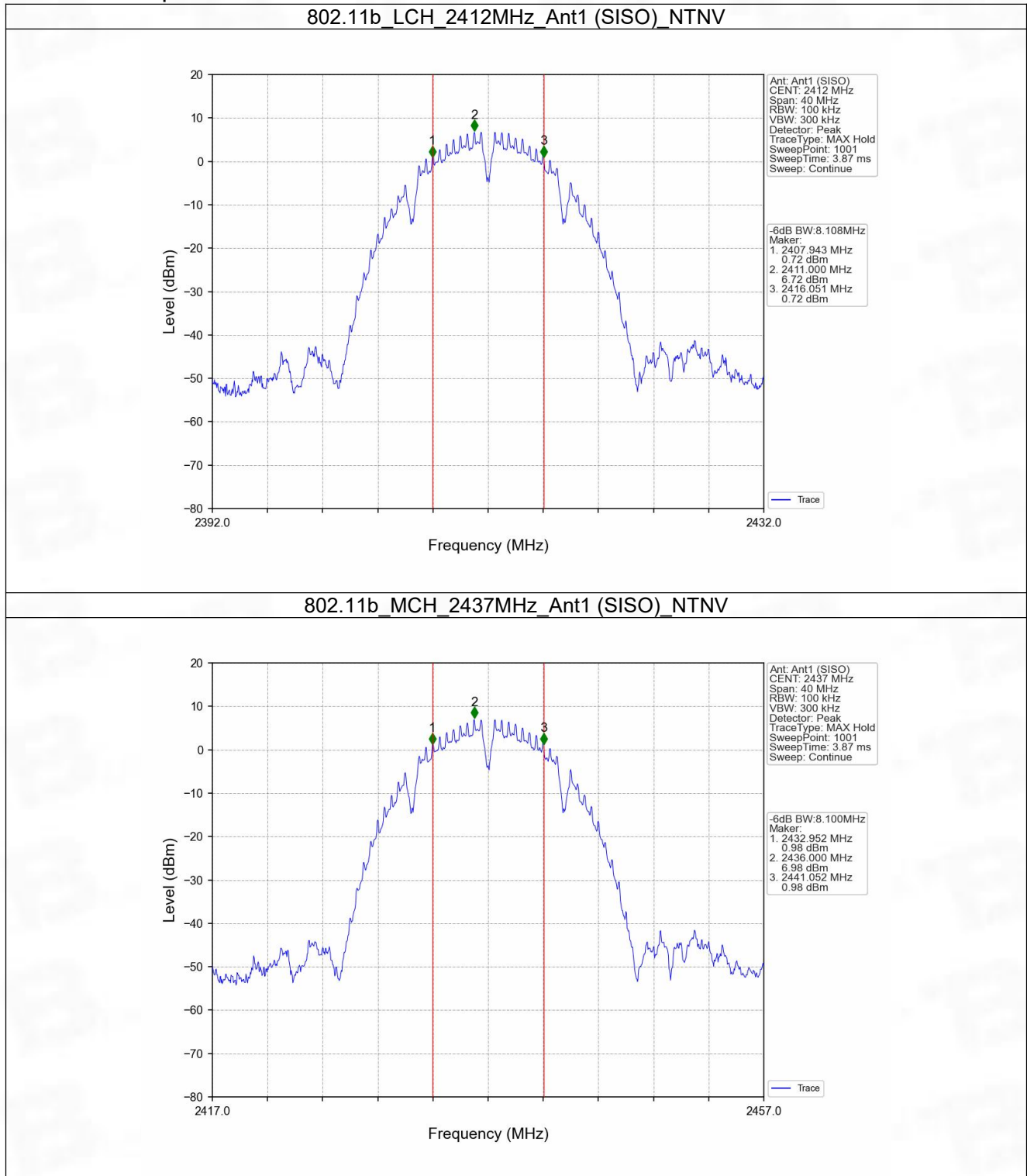


2.2 6dB BW

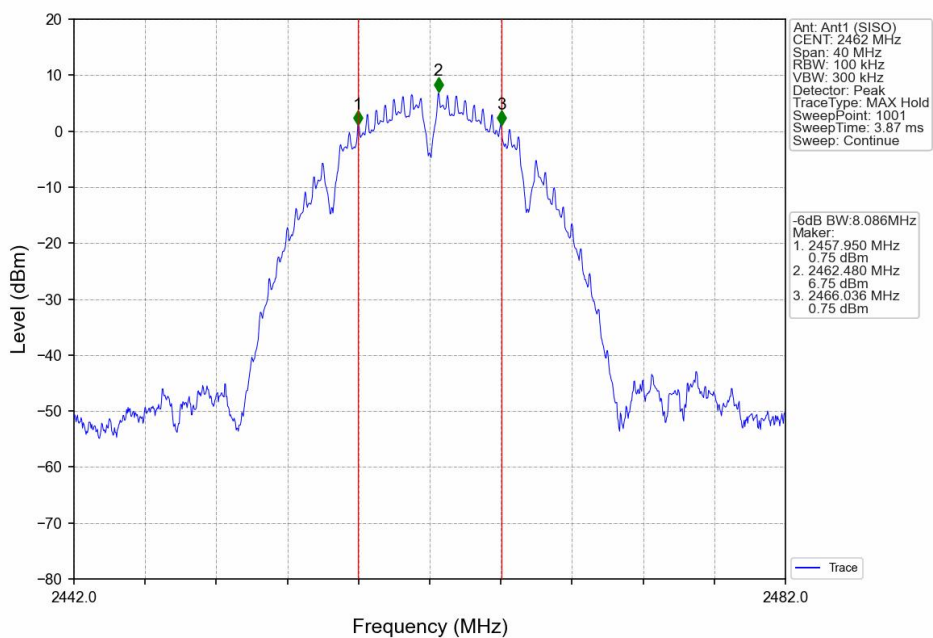
2.2.1 Test Result

Mode	TX Type	Frequency (MHz)	ANT	6dB Bandwidth (MHz)		Verdict
				Result	Limit	
802.11b	SISO	2412	1	8.108	≥ 0.5	Pass
		2437	1	8.100	≥ 0.5	Pass
		2462	1	8.086	≥ 0.5	Pass
802.11g	SISO	2412	1	15.172	≥ 0.5	Pass
		2437	1	15.165	≥ 0.5	Pass
		2462	1	15.171	≥ 0.5	Pass
802.11n (HT20)	SISO	2412	1	15.166	≥ 0.5	Pass
		2437	1	15.159	≥ 0.5	Pass
		2462	1	15.165	≥ 0.5	Pass
802.11n (HT40)	SISO	2422	1	35.153	≥ 0.5	Pass
		2437	1	35.150	≥ 0.5	Pass
		2452	1	35.160	≥ 0.5	Pass

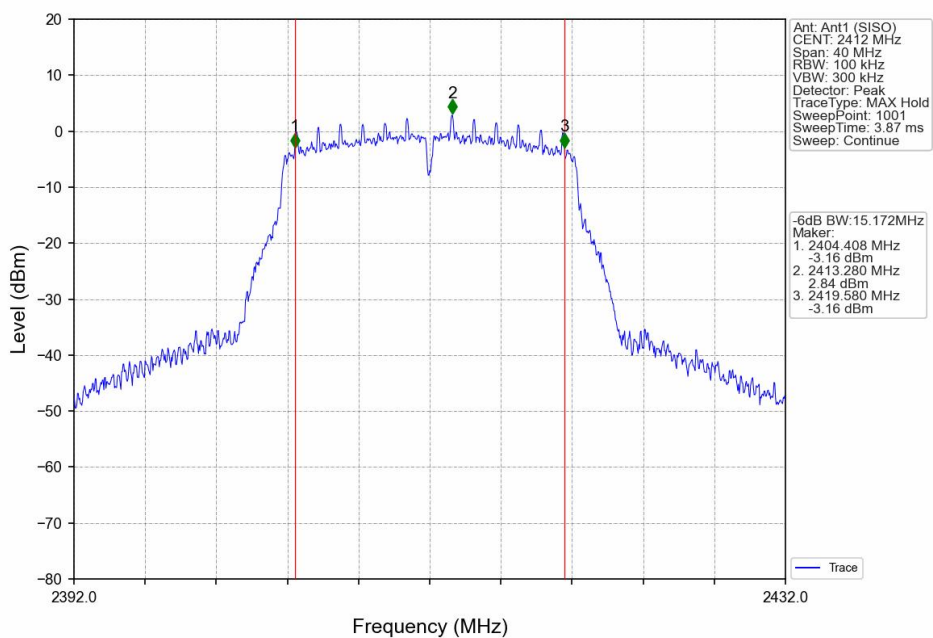
2.2.2 Test Graph



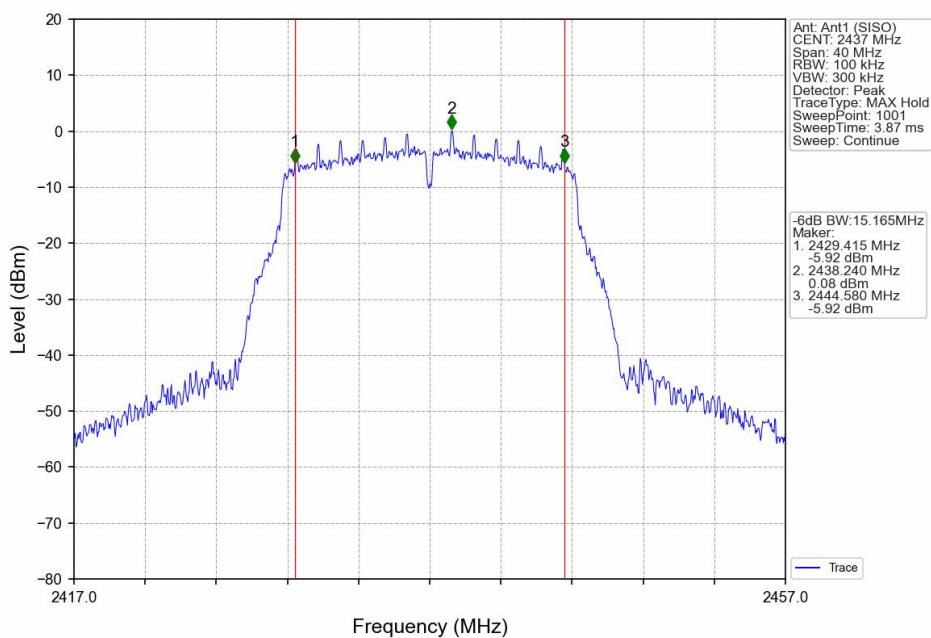
802.11b_HCH_2462MHz_Ant1 (SISO)_NTNV



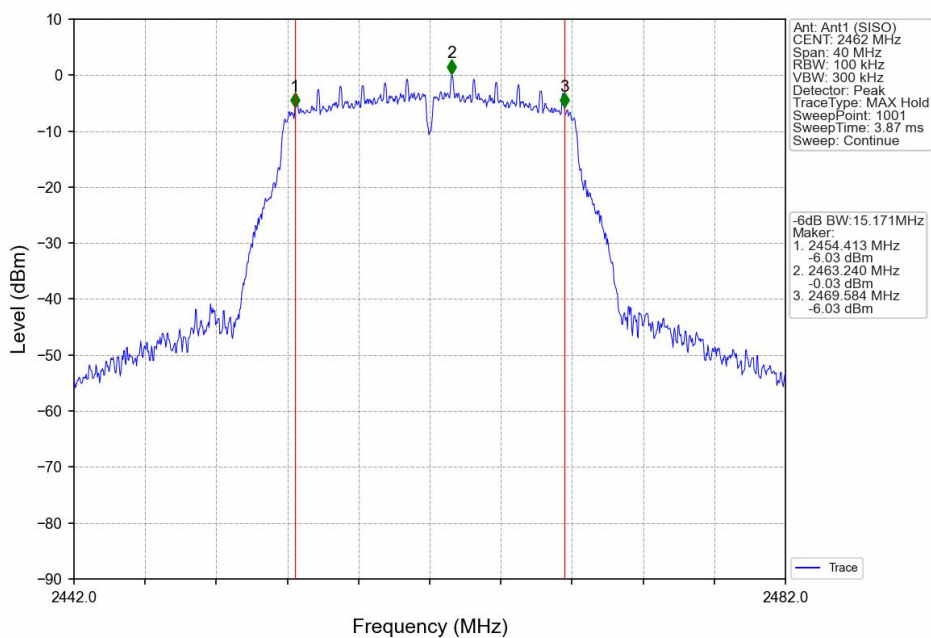
802.11g_LCH_2412MHz_Ant1 (SISO)_NTNV



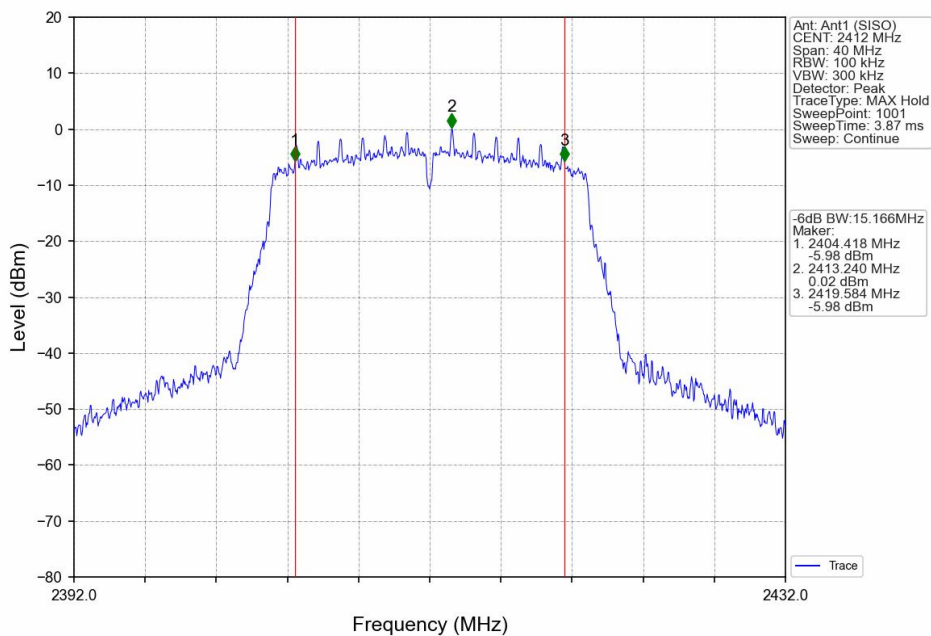
802.11g_MCH_2437MHz_Ant1 (SISO)_NTNV



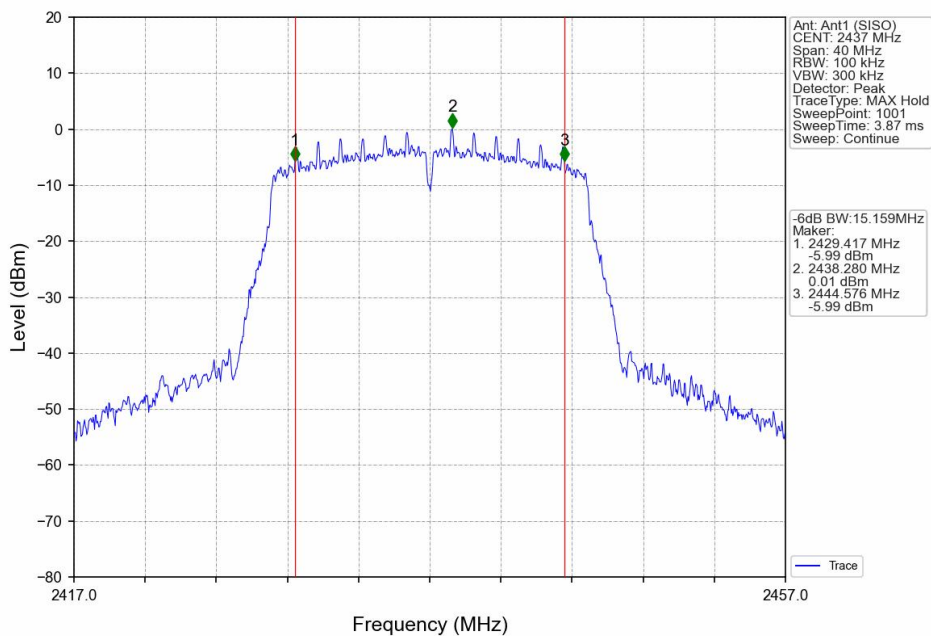
802.11g_HCH_2462MHz_Ant1 (SISO)_NTNV



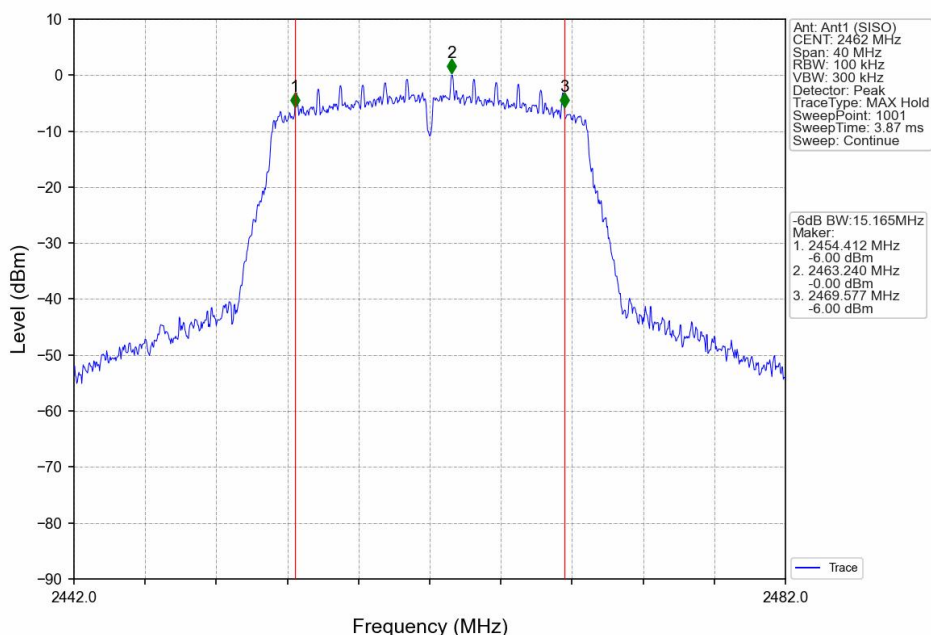
802.11n(HT20)_LCH_2412MHz_Ant1 (SISO)_NTNV



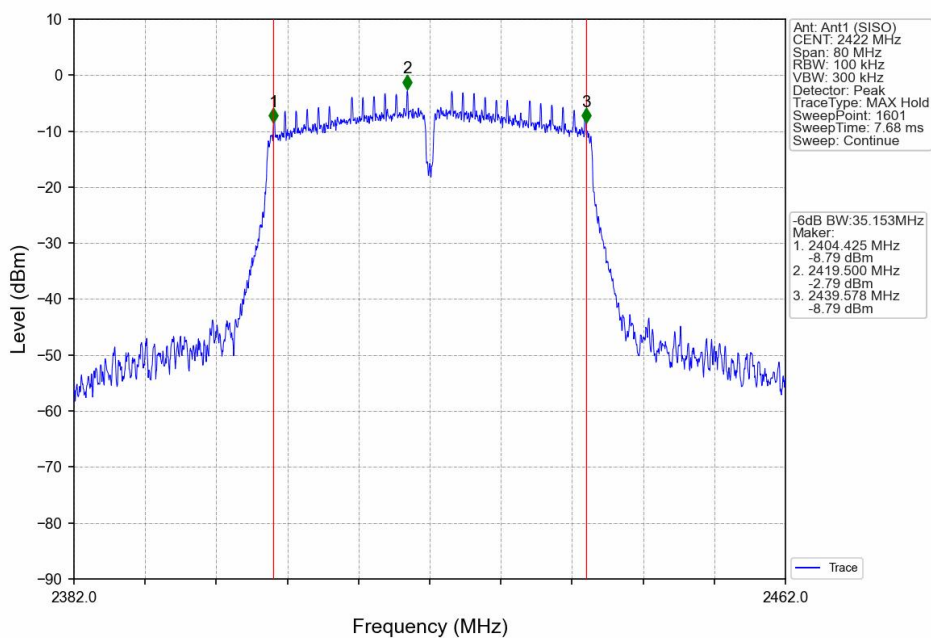
802.11n(HT20)_MCH_2437MHz_Ant1 (SISO)_NTNV



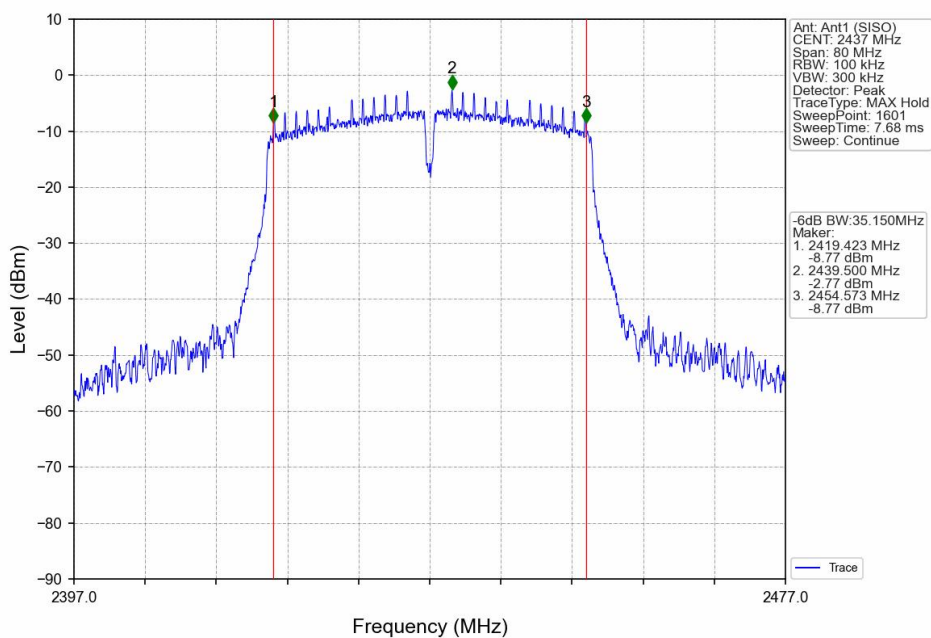
802.11n(HT20)_HCH_2462MHz_Ant1 (SISO)_NTNV



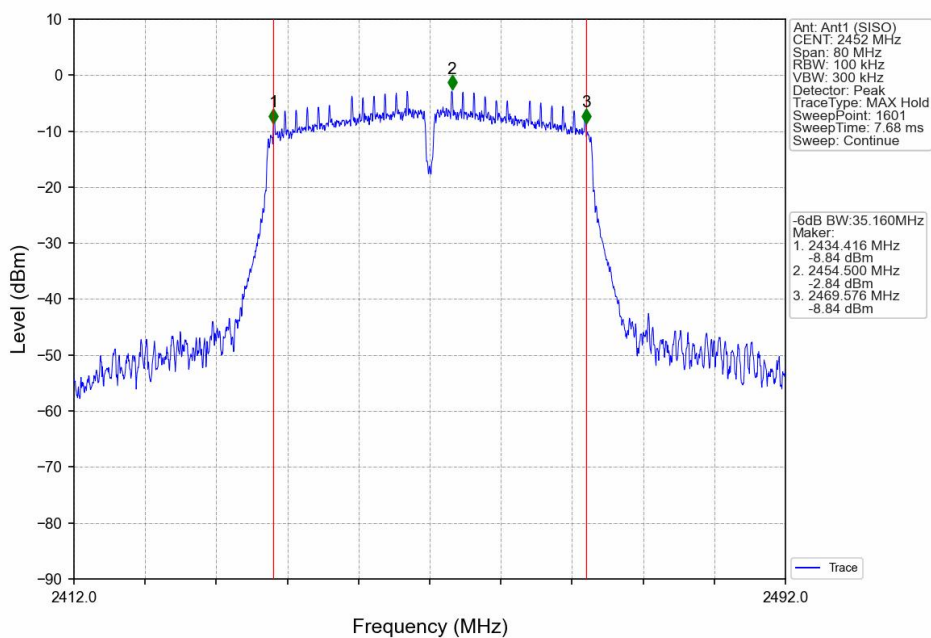
802.11n(HT40)_LCH_2422MHz_Ant1 (SISO)_NTNV



802.11n(HT40)_MCH_2437MHz_Ant1 (SISO)_NTNV



802.11n(HT40)_HCH_2452MHz_Ant1 (SISO)_NTNV



3. Maximum Conducted Output Power

3.1 Power

3.1.1 Test Result

Mode	TX Type	Frequency (MHz)	Maximum Peak Conducted Output Power (dBm)		Verdict
			ANT1	Limit	
802.11b	SISO	2412	17.30	<=30	Pass
		2437	17.52	<=30	Pass
		2462	17.09	<=30	Pass
802.11g	SISO	2412	17.74	<=30	Pass
		2437	17.66	<=30	Pass
		2462	17.58	<=30	Pass
802.11n (HT20)	SISO	2412	17.56	<=30	Pass
		2437	17.44	<=30	Pass
		2462	17.50	<=30	Pass
802.11n (HT40)	SISO	2422	18.16	<=30	Pass
		2437	18.06	<=30	Pass
		2452	18.11	<=30	Pass

Note1: Antenna Gain: Ant1: 1.14dBi;

4. Maximum Power Spectral Density

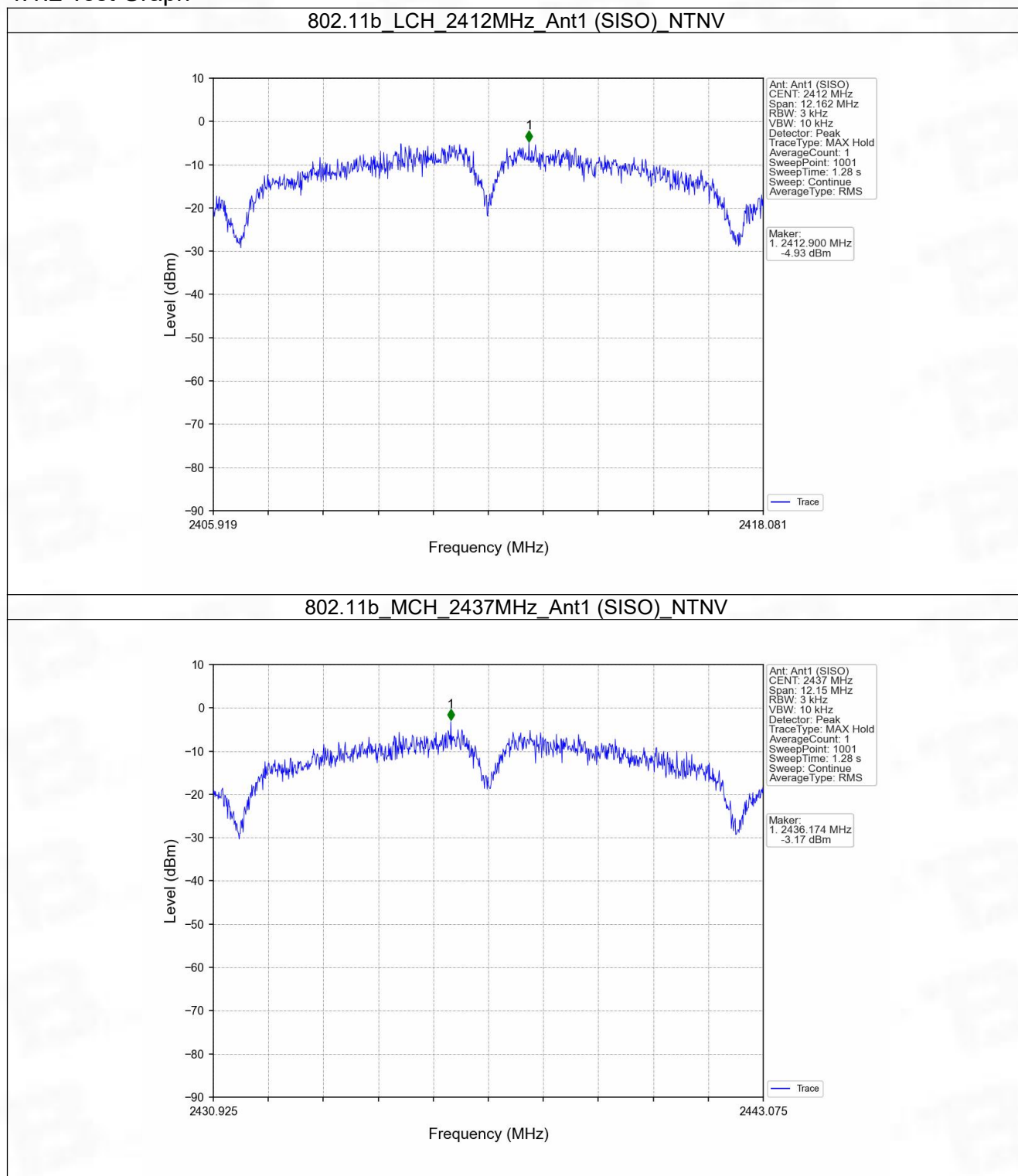
4.1 PSD

4.1.1 Test Result

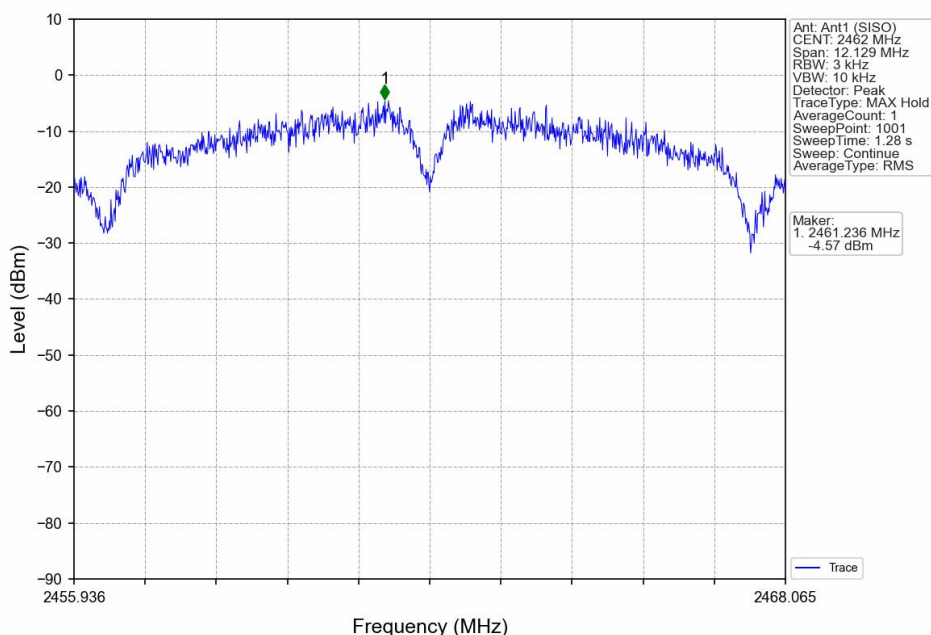
Mode	TX Type	Frequency (MHz)	Maximum PSD (dBm/3kHz)		Verdict
			ANT1	Limit	
802.11b	SISO	2412	-4.93	<=8	Pass
		2437	-3.17	<=8	Pass
		2462	-4.57	<=8	Pass
802.11g	SISO	2412	-8.37	<=8	Pass
		2437	-8.95	<=8	Pass
		2462	-7.48	<=8	Pass
802.11n (HT20)	SISO	2412	-9.41	<=8	Pass
		2437	-8.56	<=8	Pass
		2462	-8.06	<=8	Pass
802.11n (HT40)	SISO	2422	-12.93	<=8	Pass
		2437	-12.26	<=8	Pass
		2452	-12.58	<=8	Pass

Note1: Antenna Gain: Ant1: 1.14dBi;

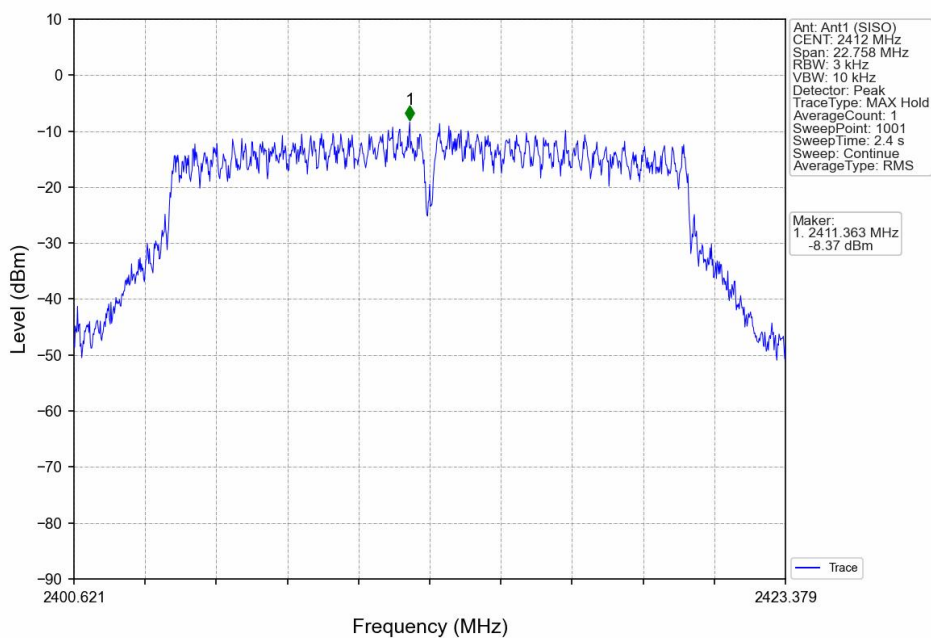
4.1.2 Test Graph



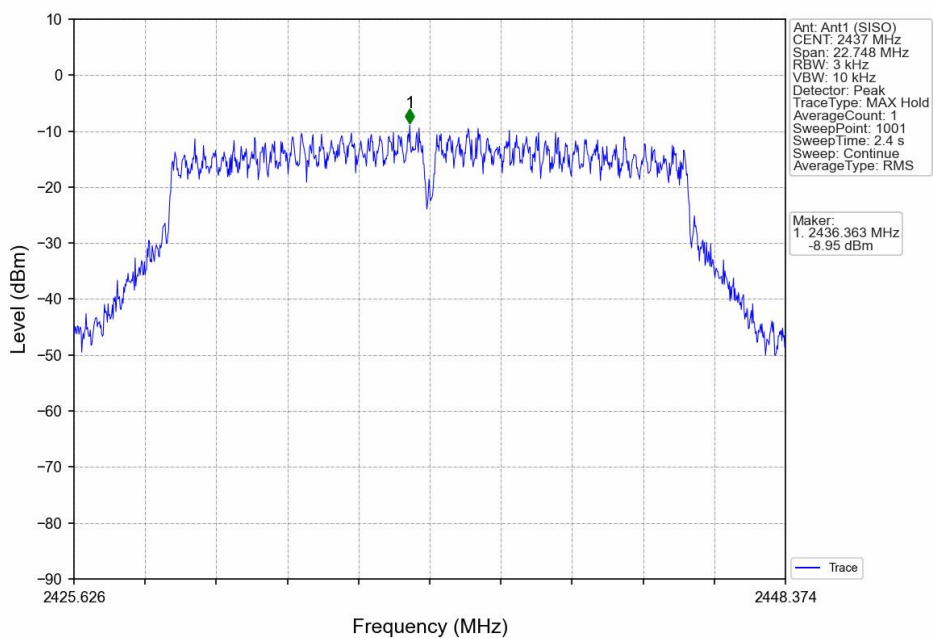
802.11b_HCH_2462MHz_Ant1 (SISO)_NTNV



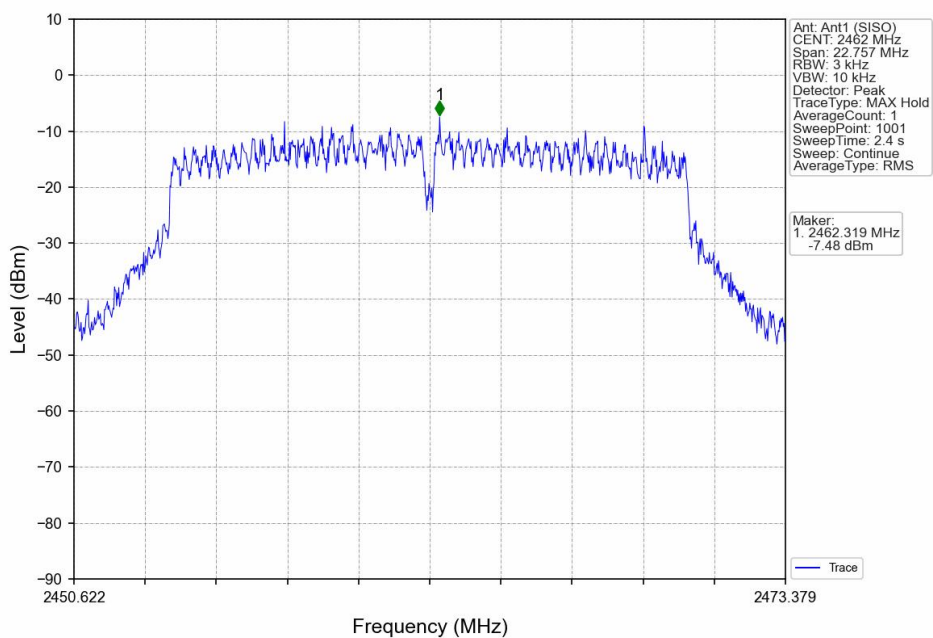
802.11g_LCH_2412MHz_Ant1 (SISO)_NTNV



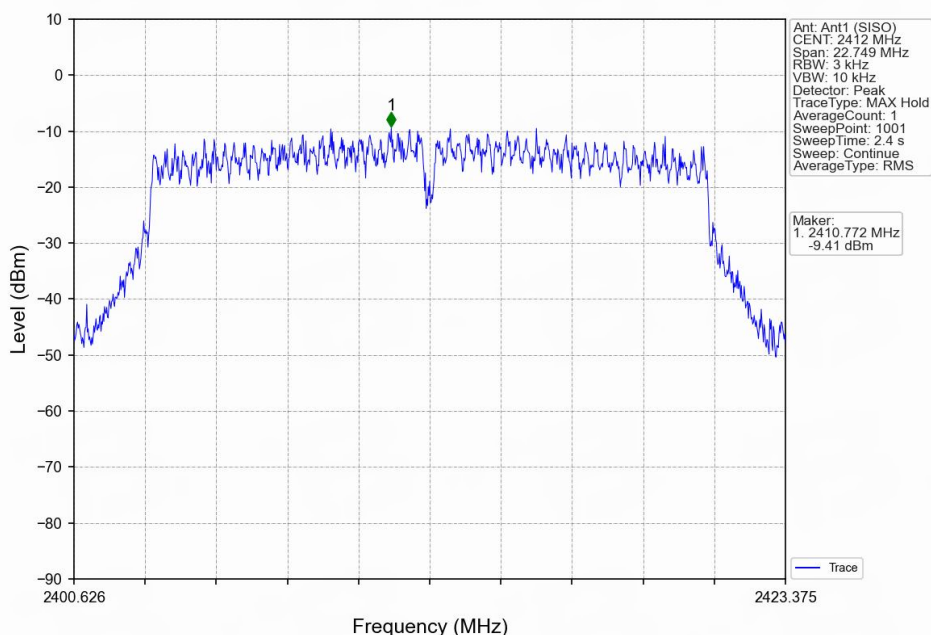
802.11g_MCH_2437MHz_Ant1 (SISO)_NTNV



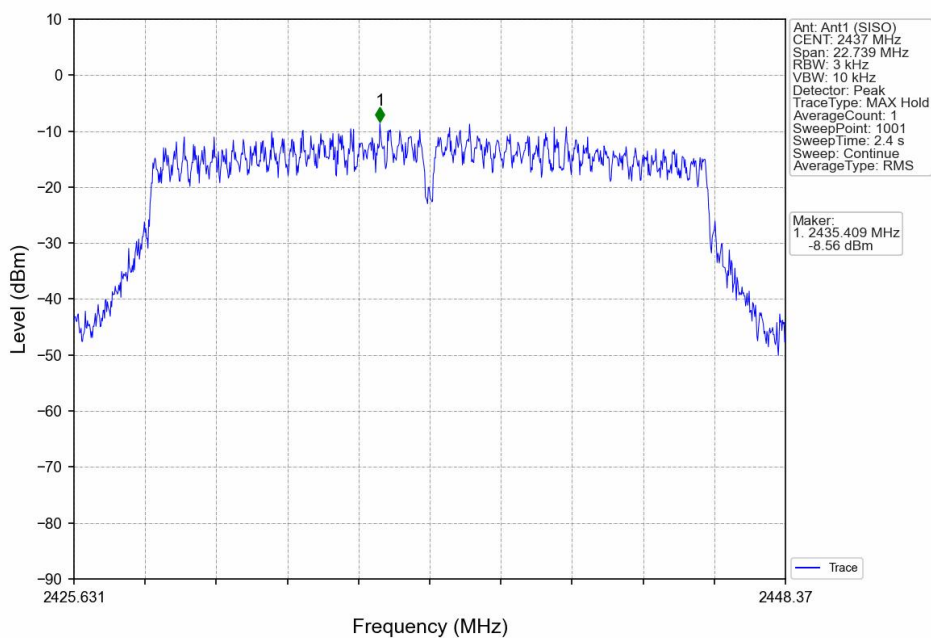
802.11g_HCH_2462MHz_Ant1 (SISO)_NTNV



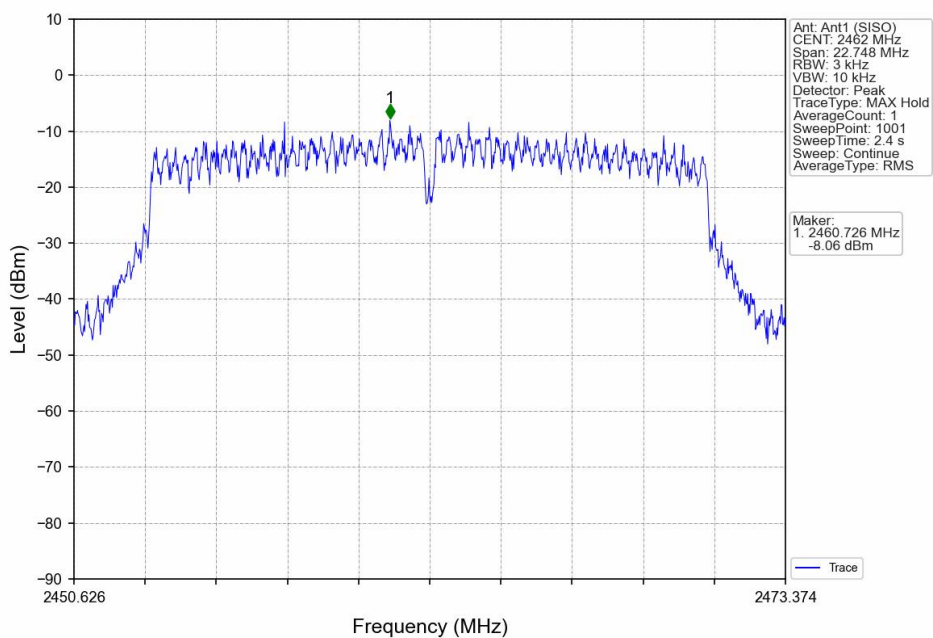
802.11n(HT20)_LCH_2412MHz_Ant1 (SISO)_NTNV



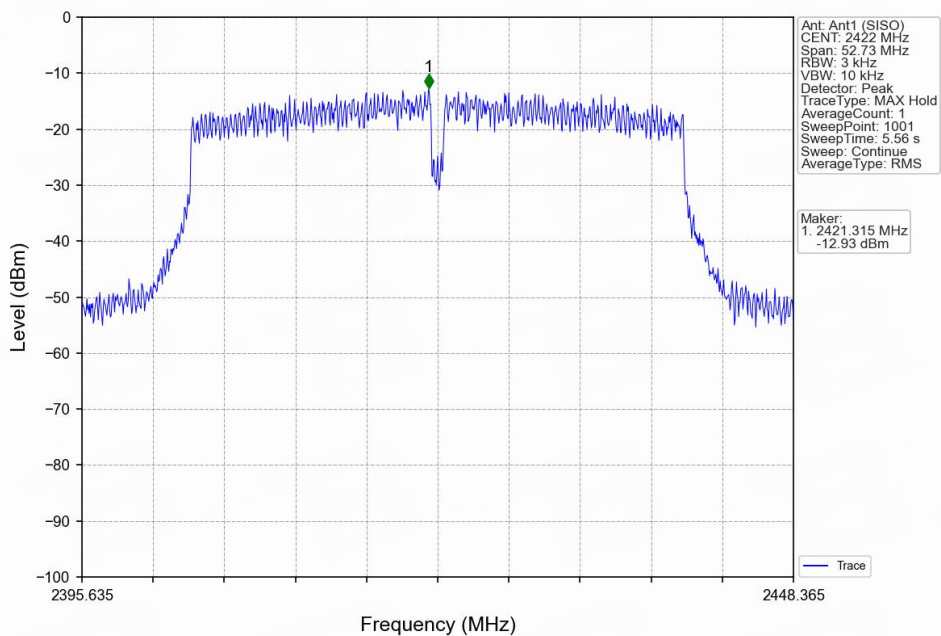
802.11n(HT20)_MCH_2437MHz_Ant1 (SISO)_NTNV



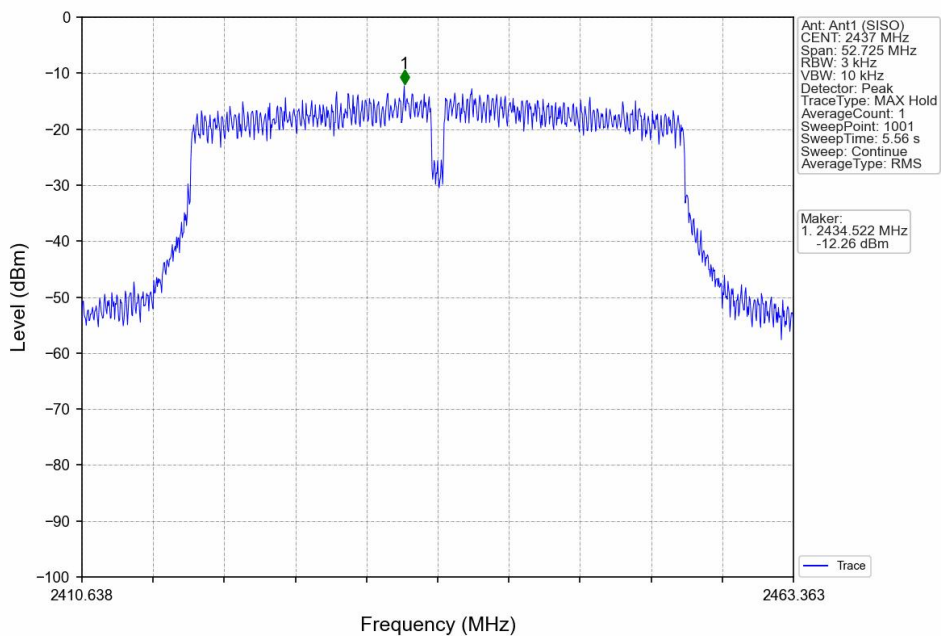
802.11n(HT20)_HCH_2462MHz_Ant1 (SISO)_NTNV



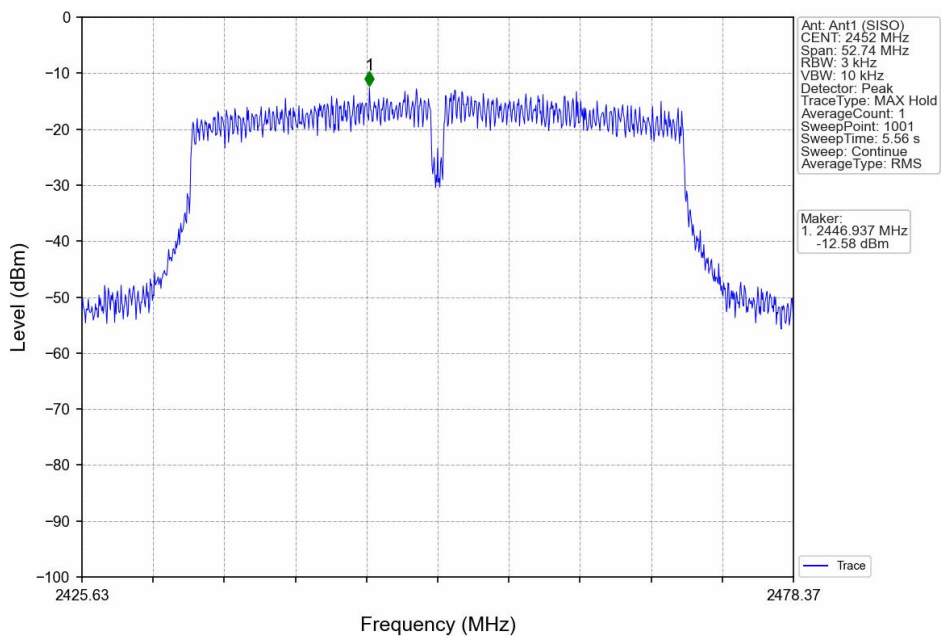
802.11n(HT40)_LCH_2422MHz_Ant1 (SISO)_NTNV



802.11n(HT40) MCH 2437MHz Ant1 (SISO) NTN



802.11n(HT40) HCH 2452MHz Ant1 (SISO) NTN



5. Unwanted Emissions In Non-restricted Frequency Bands

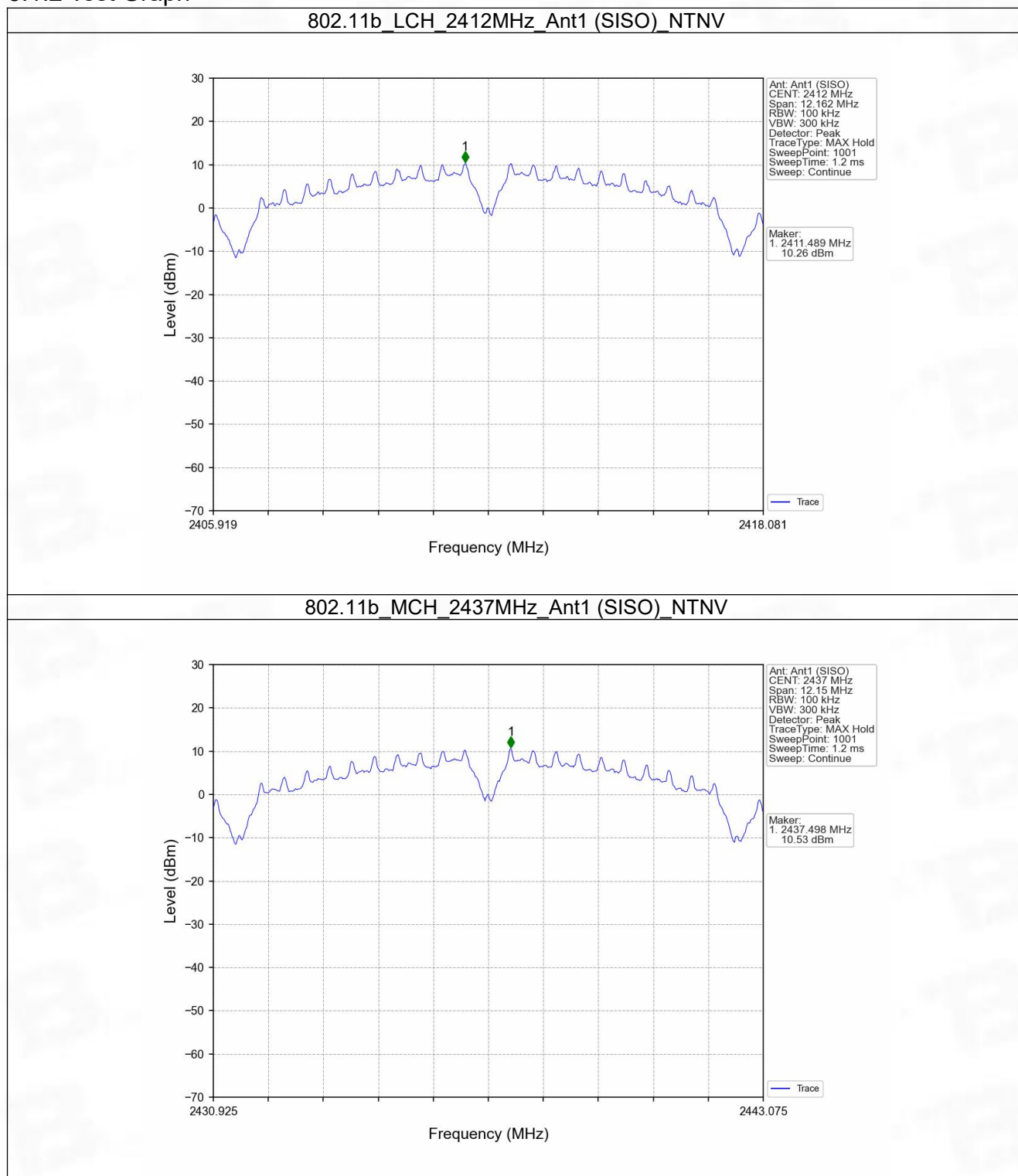
5.1 Ref

5.1.1 Test Result

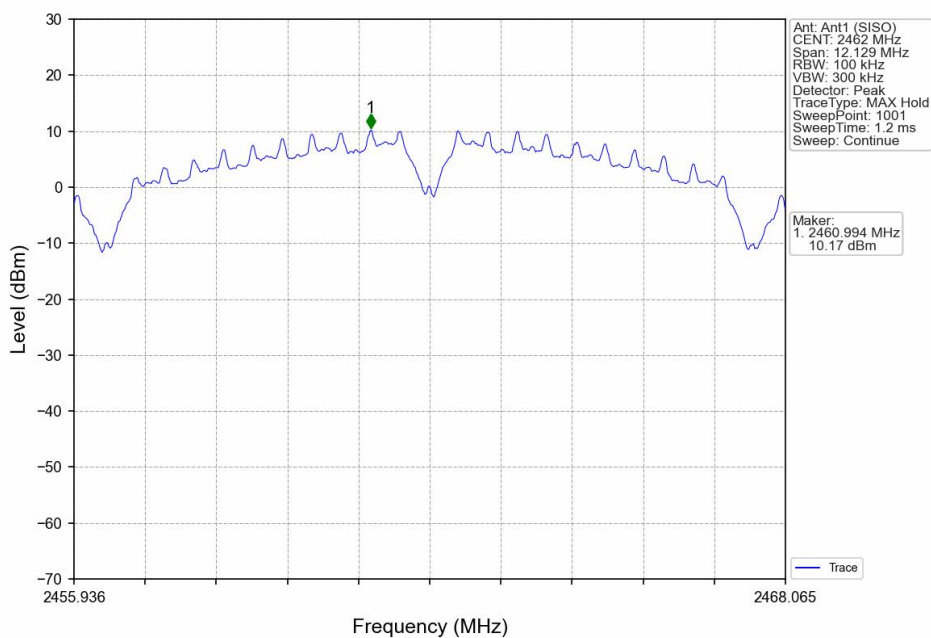
Mode	TX Type	Frequency (MHz)	ANT	Level of Reference (dBm)
802.11b	SISO	2412	1	10.26
		2437	1	10.53
		2462	1	10.17
802.11g	SISO	2412	1	6.26
		2437	1	6.21
		2462	1	5.97
802.11n (HT20)	SISO	2412	1	6.21
		2437	1	6.55
		2462	1	6.51
802.11n (HT40)	SISO	2422	1	2.72
		2437	1	2.44
		2452	1	2.46

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.

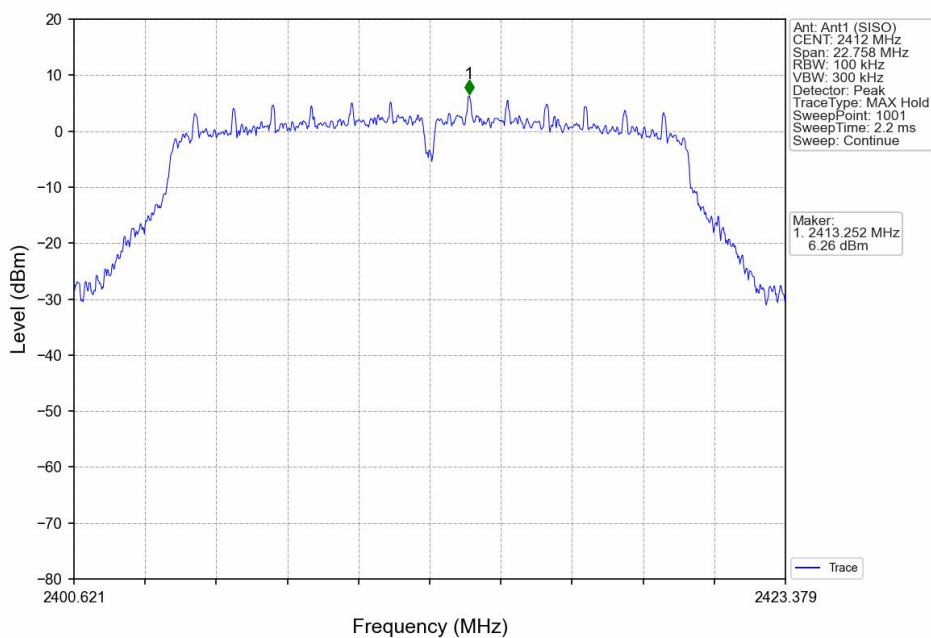
5.1.2 Test Graph



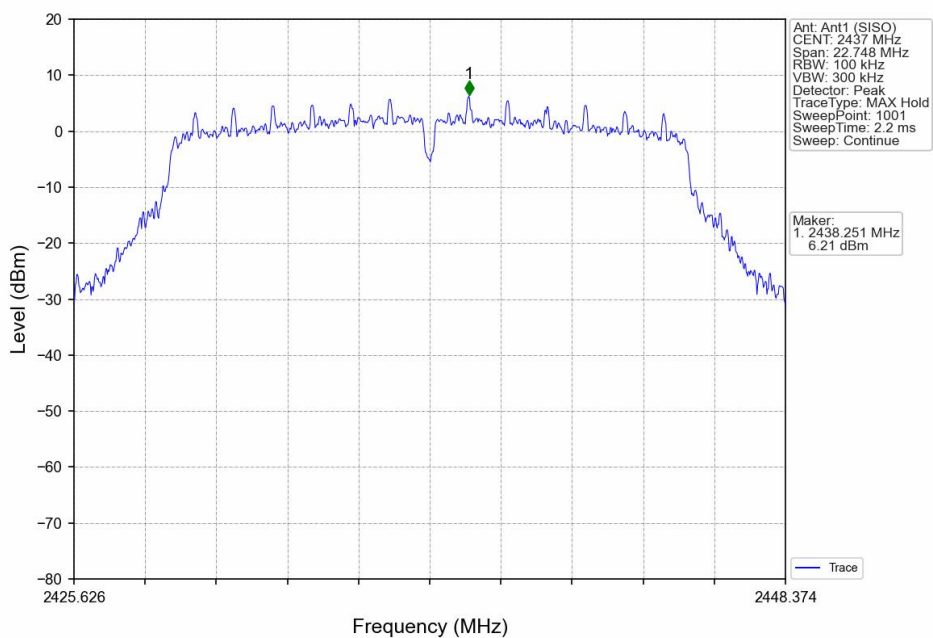
802.11b_HCH_2462MHz_Ant1 (SISO)_NTNV



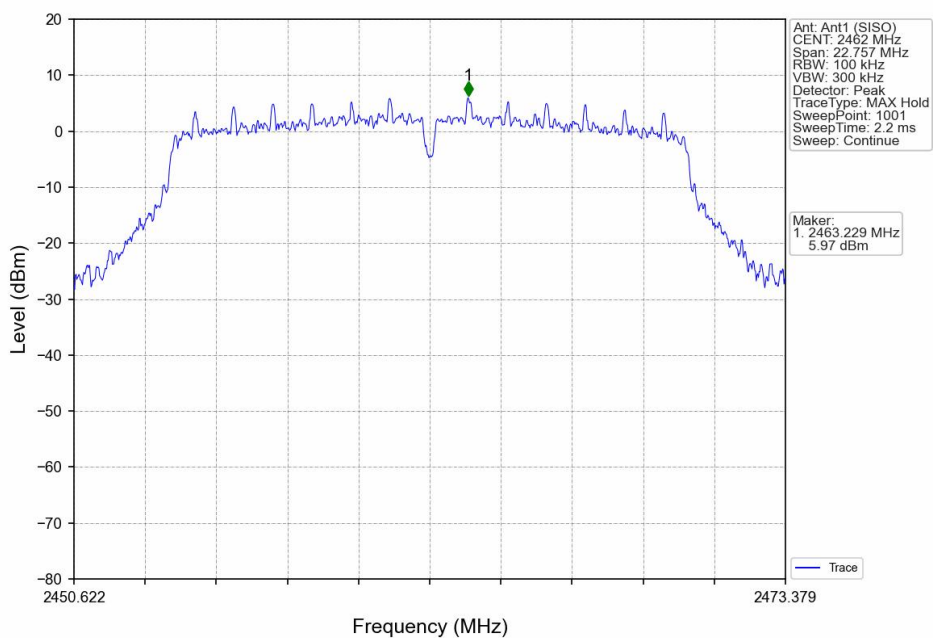
802.11g_LCH_2412MHz_Ant1 (SISO)_NTNV



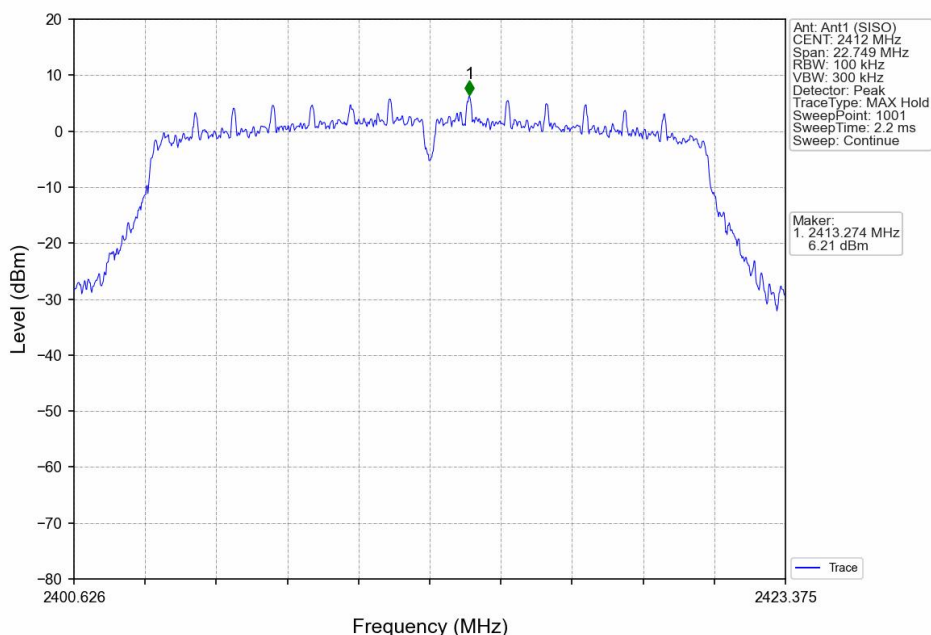
802.11g_MCH_2437MHz_Ant1 (SISO)_NTNV



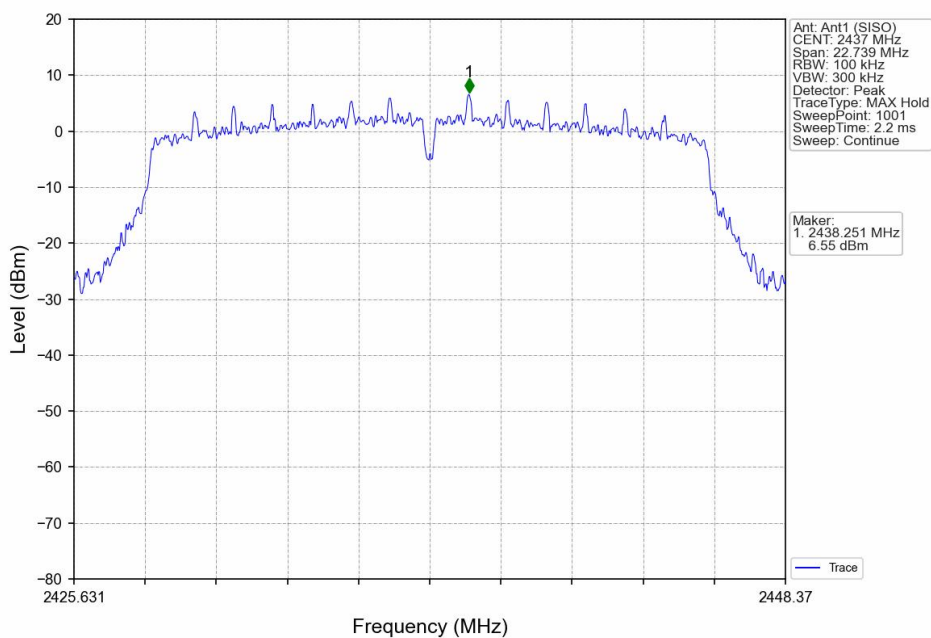
802.11g_HCH_2462MHz_Ant1 (SISO)_NTNV



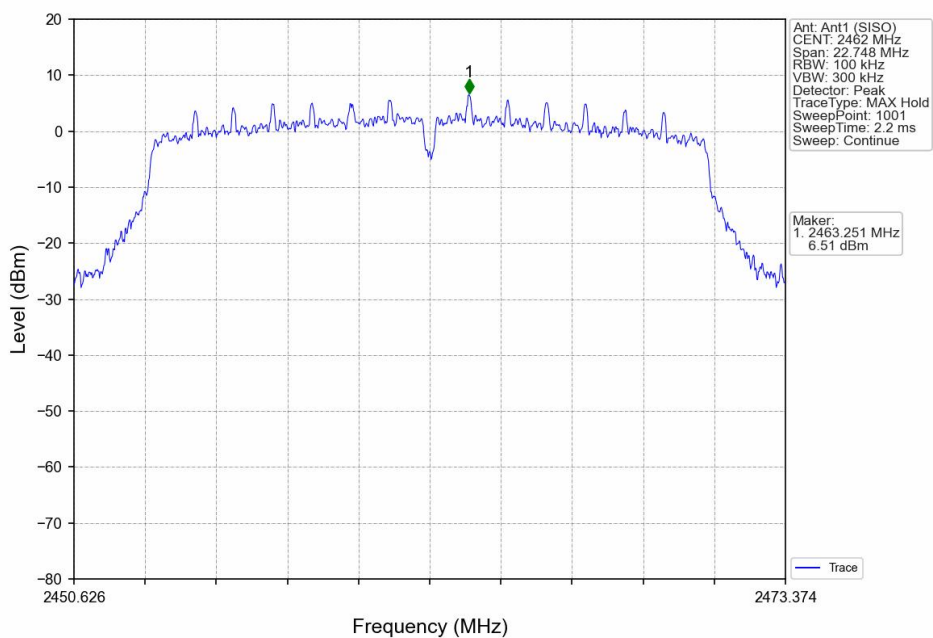
802.11n(HT20)_LCH_2412MHz_Ant1 (SISO)_NTNV



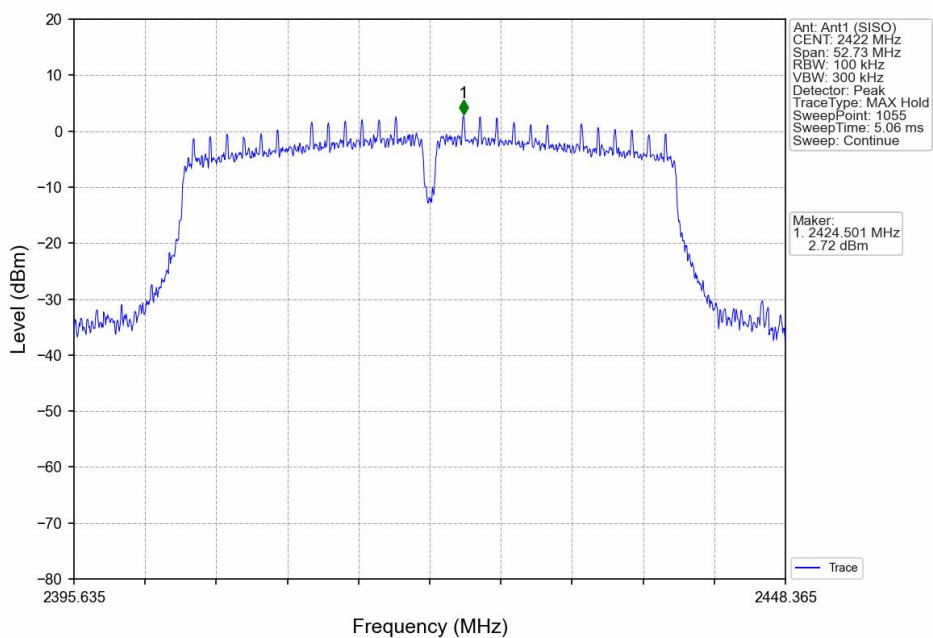
802.11n(HT20)_MCH_2437MHz_Ant1 (SISO)_NTNV



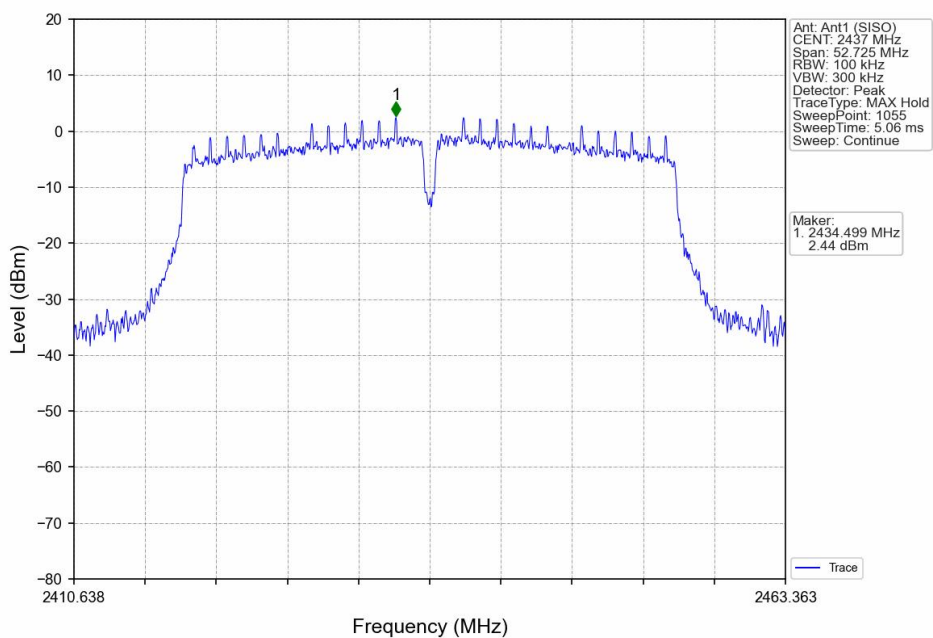
802.11n(HT20)_HCH_2462MHz_Ant1 (SISO)_NTNV



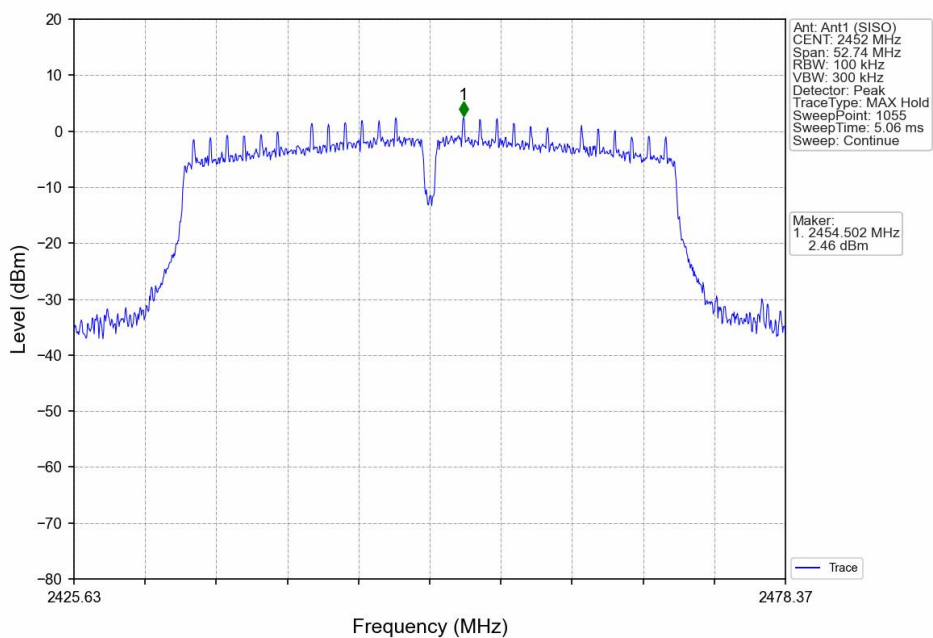
802.11n(HT40)_LCH_2422MHz_Ant1 (SISO)_NTNV



802.11n(HT40) MCH_2437MHz_Ant1 (SISO) NTN



802.11n(HT40) HCH_2452MHz_Ant1 (SISO) NTN



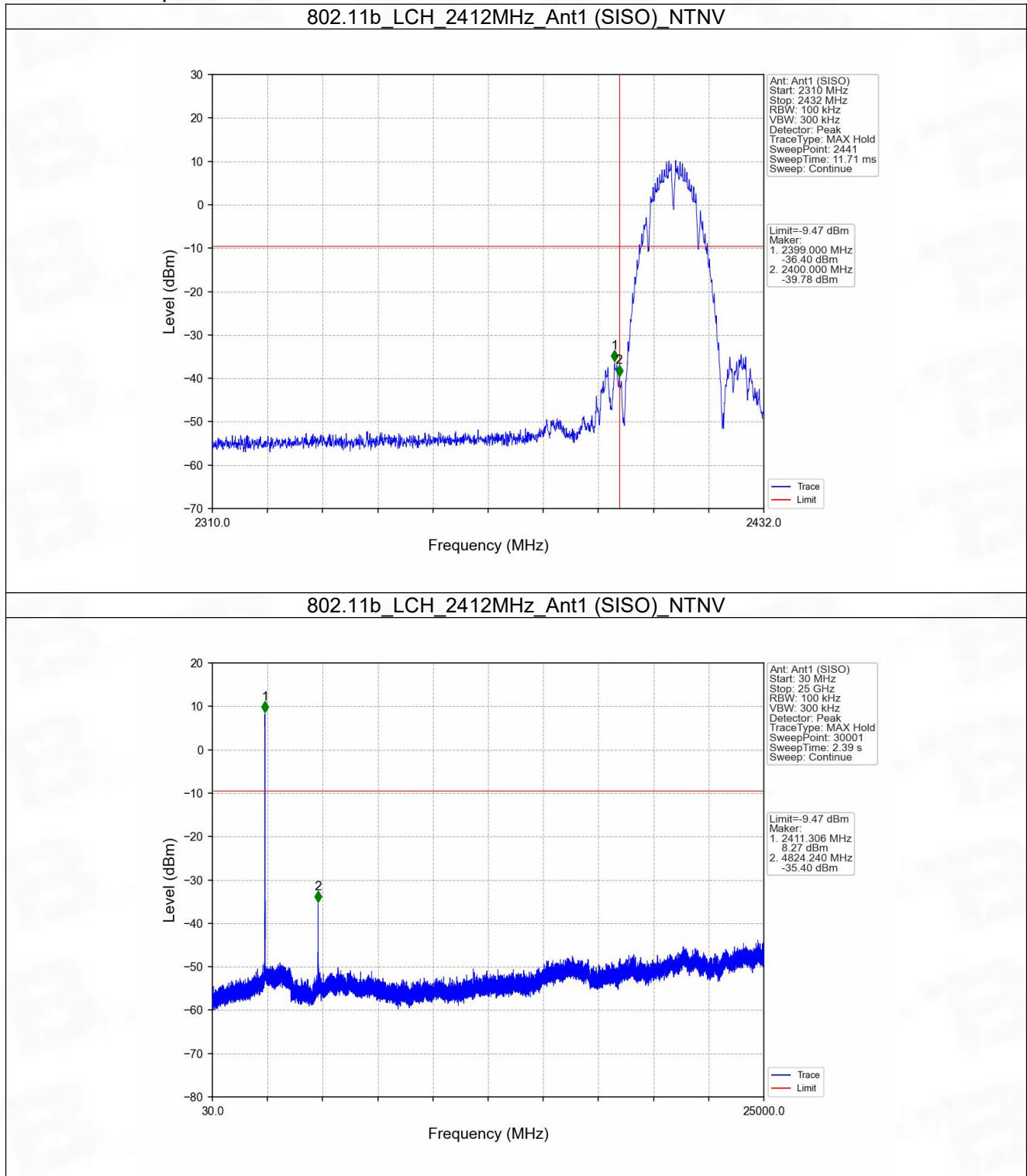
5.2 CSE

5.2.1 Test Result

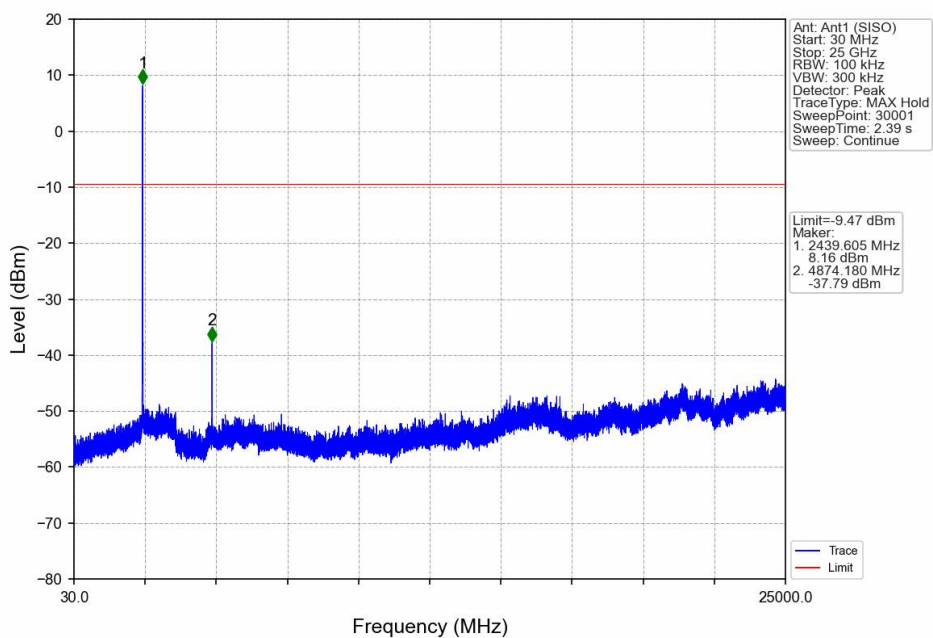
Mode	TX Type	Frequency (MHz)	ANT	Level of Reference (dBm)	Limit (dBm)	Verdict
802.11b	SISO	2412	1	10.53	-9.47	Pass
		2437	1	10.53	-9.47	Pass
		2462	1	10.53	-9.47	Pass
802.11g	SISO	2412	1	6.26	-13.74	Pass
		2437	1	6.26	-13.74	Pass
		2462	1	6.26	-13.74	Pass
802.11n (HT20)	SISO	2412	1	6.55	-13.45	Pass
		2437	1	6.55	-13.45	Pass
		2462	1	6.55	-13.45	Pass
802.11n (HT40)	SISO	2422	1	2.72	-17.28	Pass
		2437	1	2.72	-17.28	Pass
		2452	1	2.72	-17.28	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.

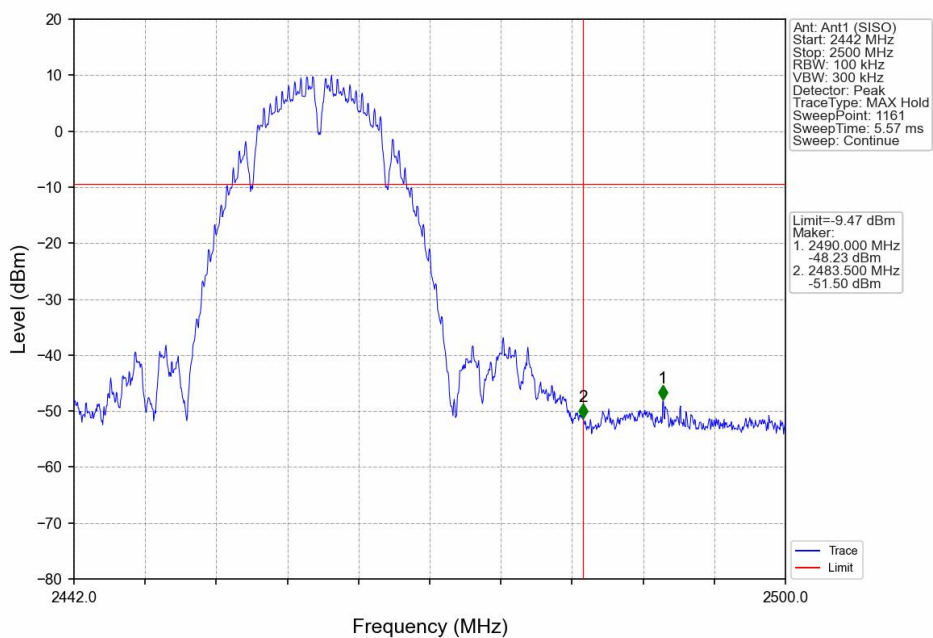
5.2.2 Test Graph



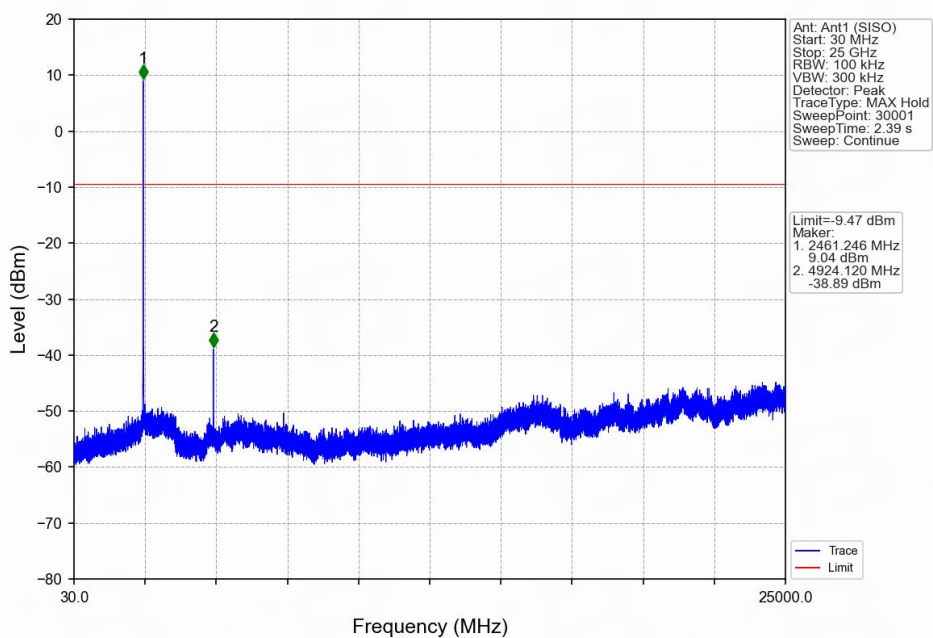
802.11b_MCH_2437MHz_Ant1 (SISO)_NTNV



802.11b_HCH_2462MHz_Ant1 (SISO)_NTNV



802.11b_HCH_2462MHz_Ant1 (SISO)_NTNV



802.11g_LCH_2412MHz_Ant1 (SISO)_NTNV

