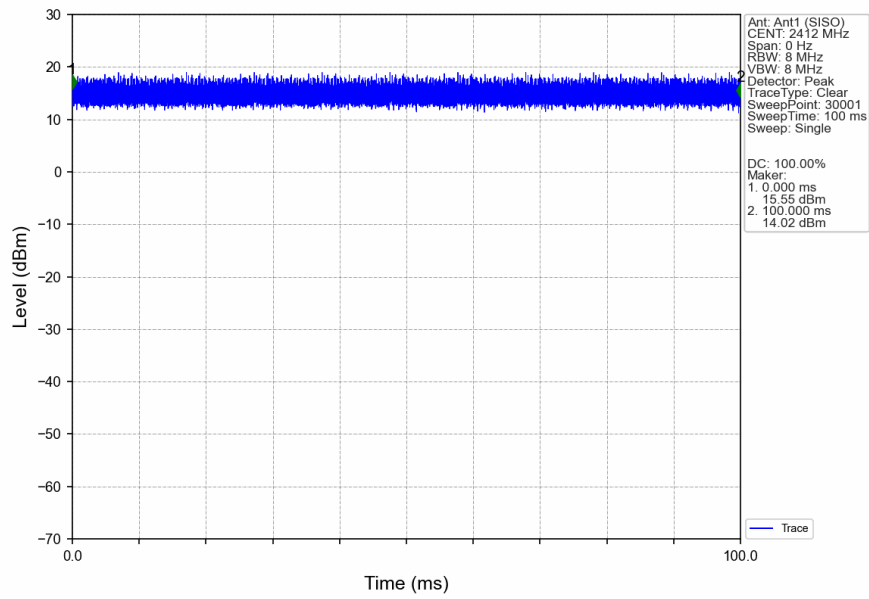
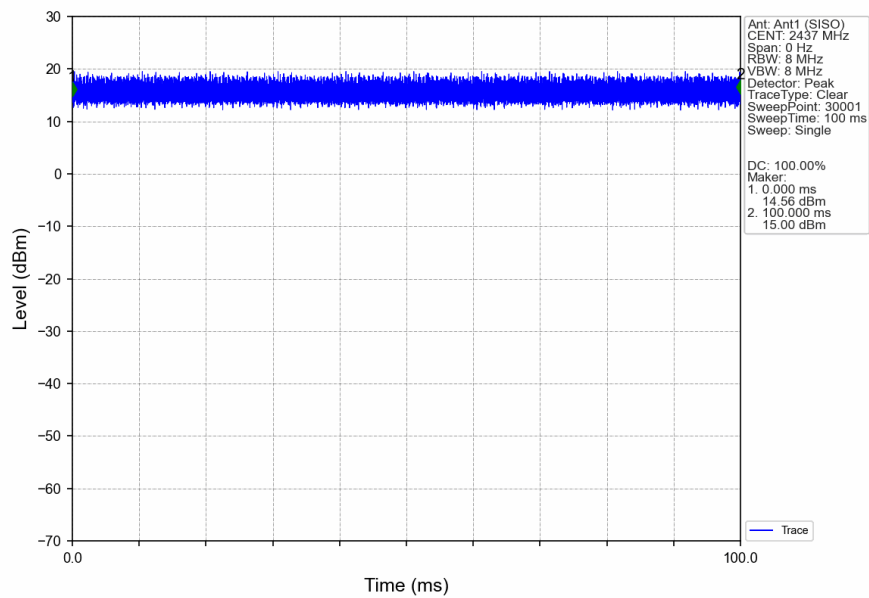
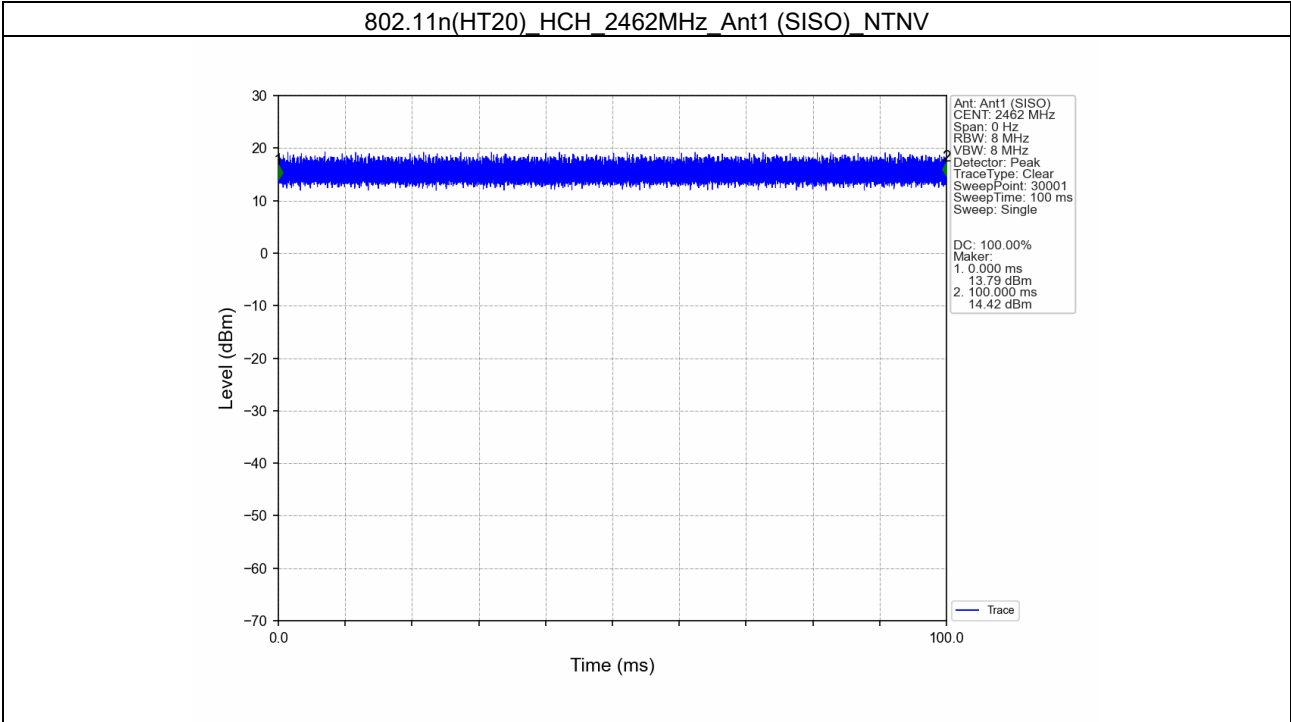




802.11n(HT20)_MCH_2437MHz_Ant1 (SISO)_NTNV





2. Bandwidth

2.1 Test Result

2.1.1 OBW

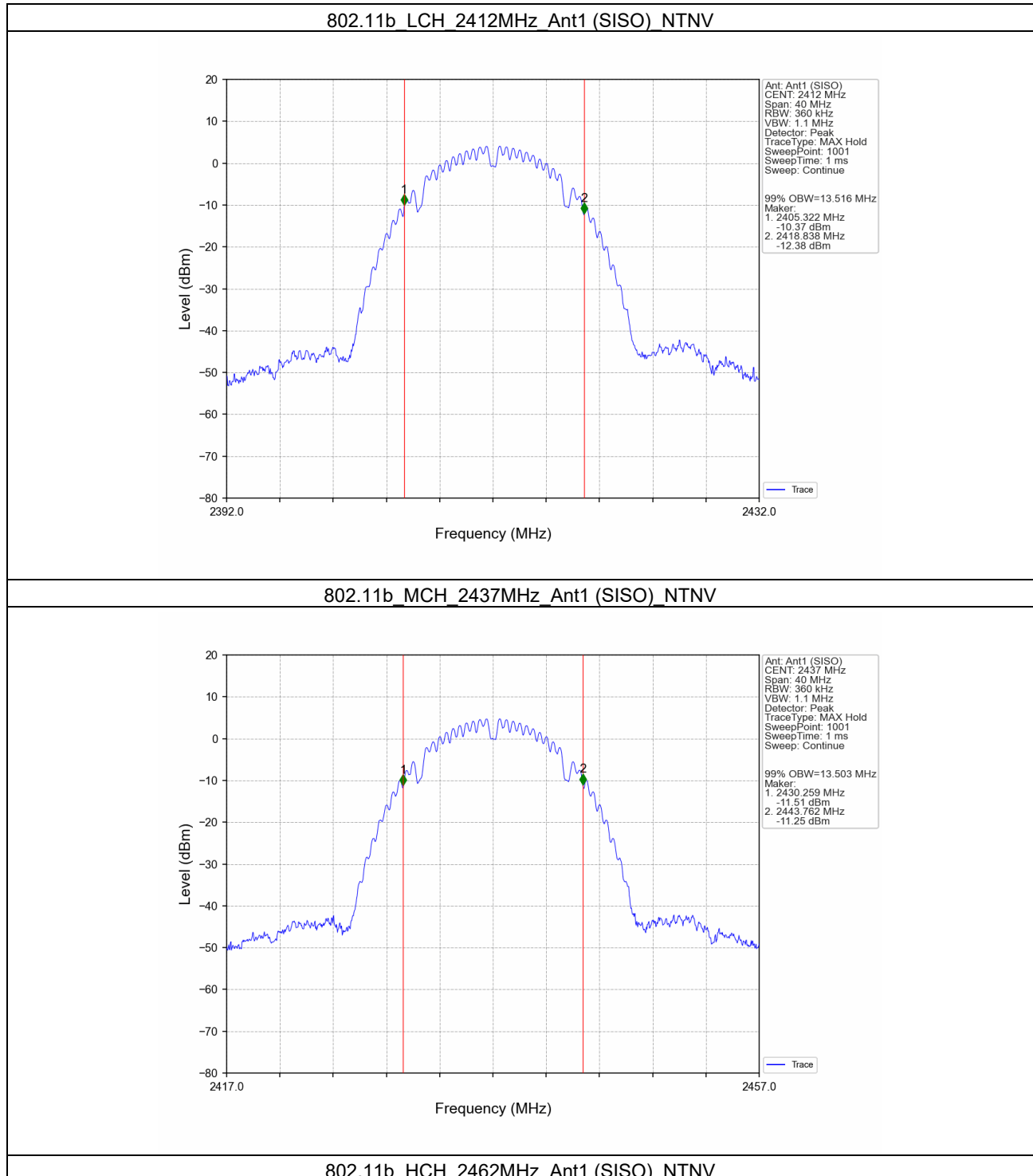
Mode	TX Type	Frequency (MHz)	ANT	99% Occupied Bandwidth (MHz)		Verdict
				Result	Limit	
802.11b	SISO	2412	1	13.516	/	Pass
		2437	1	13.503	/	Pass
		2462	1	13.480	/	Pass
802.11g	SISO	2412	1	17.504	/	Pass
		2437	1	17.506	/	Pass
		2462	1	17.568	/	Pass
802.11n (HT20)	SISO	2412	1	18.392	/	Pass
		2437	1	18.409	/	Pass
		2462	1	18.407	/	Pass

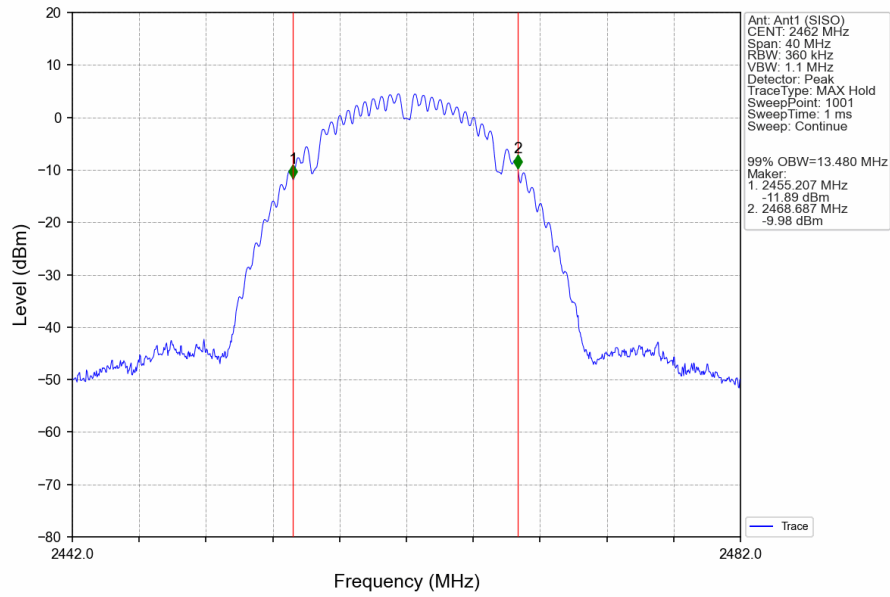
2.1.2 6dB BW

Mode	TX Type	Frequency (MHz)	ANT	6dB Bandwidth (MHz)		Verdict
				Result	Limit	
802.11b	SISO	2412	1	9.190	≥ 0.5	Pass
		2437	1	9.195	≥ 0.5	Pass
		2462	1	9.189	≥ 0.5	Pass
802.11g	SISO	2412	1	16.639	≥ 0.5	Pass
		2437	1	16.713	≥ 0.5	Pass
		2462	1	16.904	≥ 0.5	Pass
802.11n (HT20)	SISO	2412	1	17.826	≥ 0.5	Pass
		2437	1	17.819	≥ 0.5	Pass
		2462	1	17.803	≥ 0.5	Pass

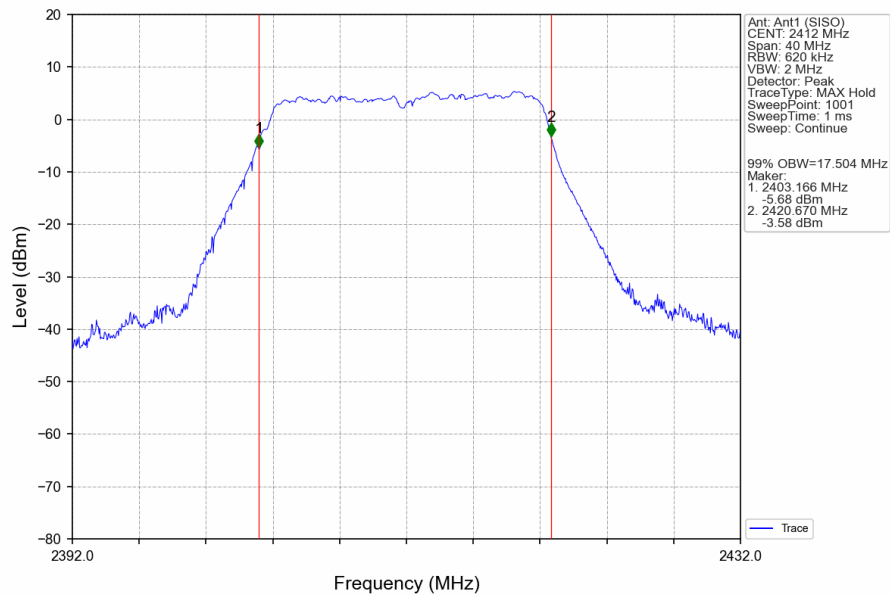
2.2 Test Graph

2.2.1 OBW

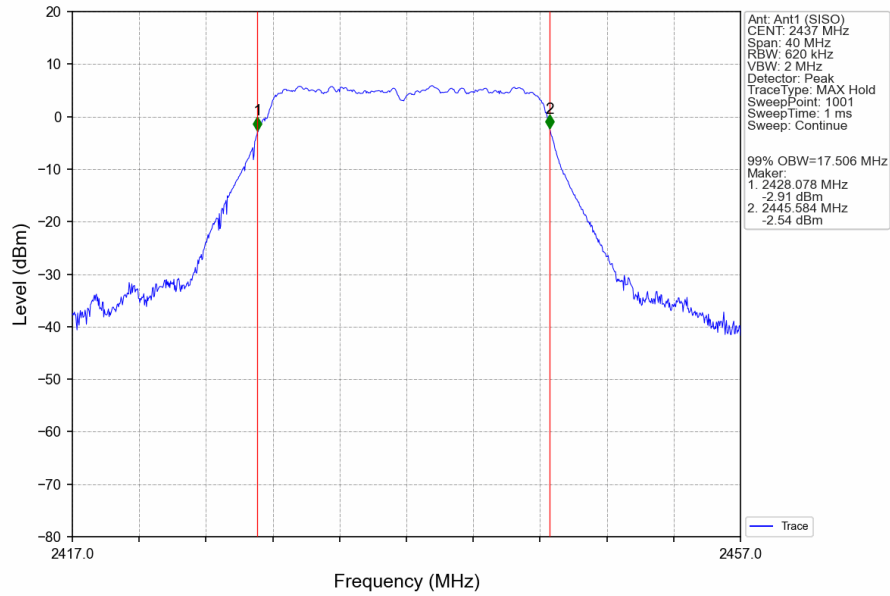




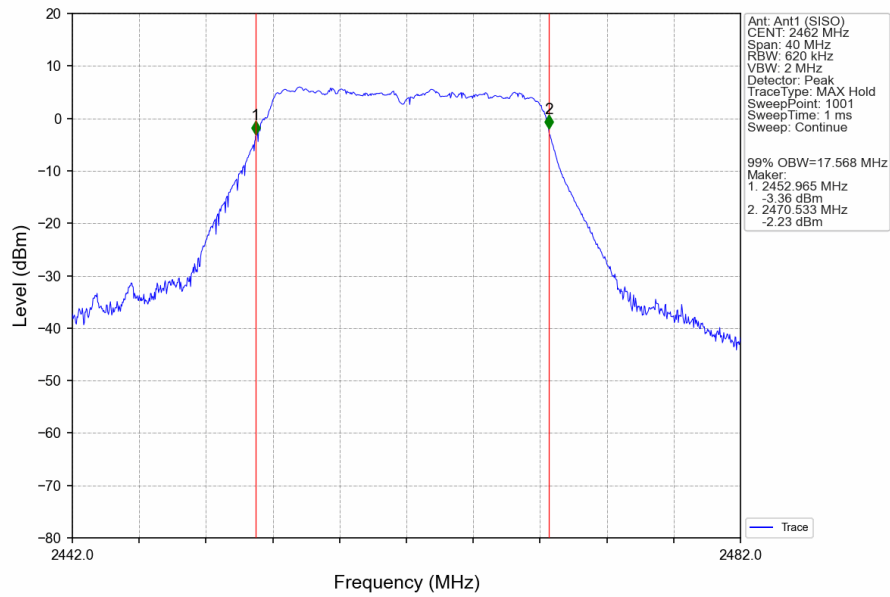
802.11g LCH 2412MHz_Ant1 (SISO)_NTNV



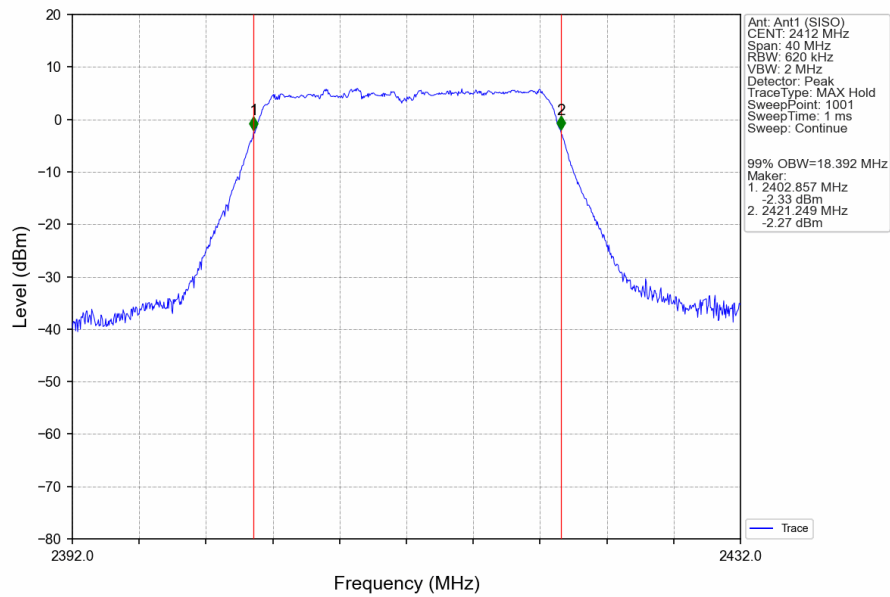
802.11g_MCH_2437MHz_Ant1 (SISO)_NTNV



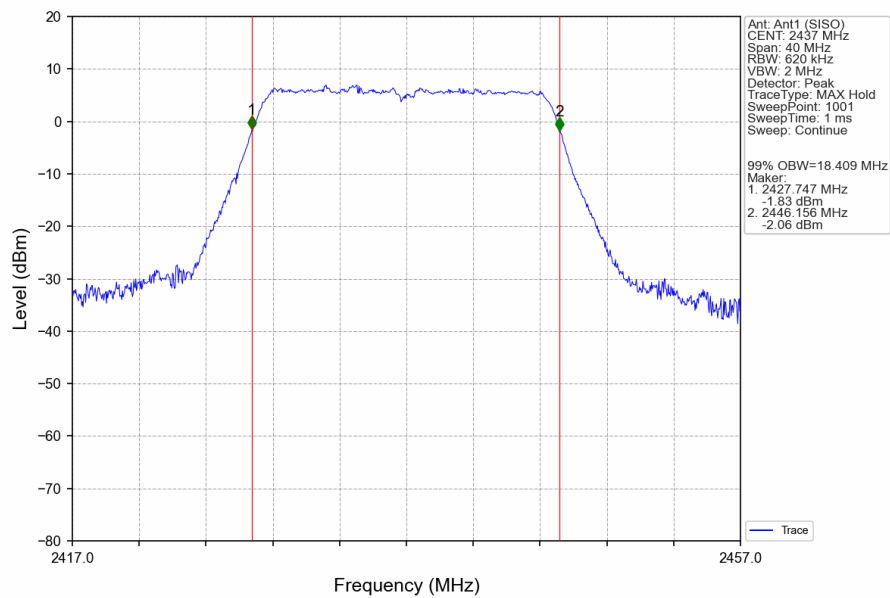
802.11g_HCH_2462MHz_Ant1 (SISO)_NTNV



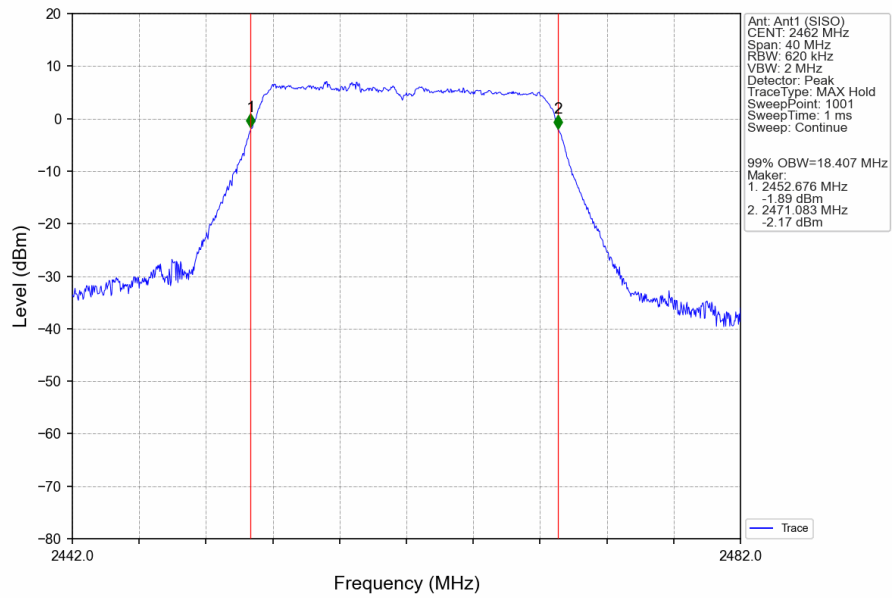
802.11n(HT20)_LCH_2412MHz_Ant1 (SISO)_NTNV



802.11n(HT20) MCH_2437MHz_Ant1 (SISO) NTN

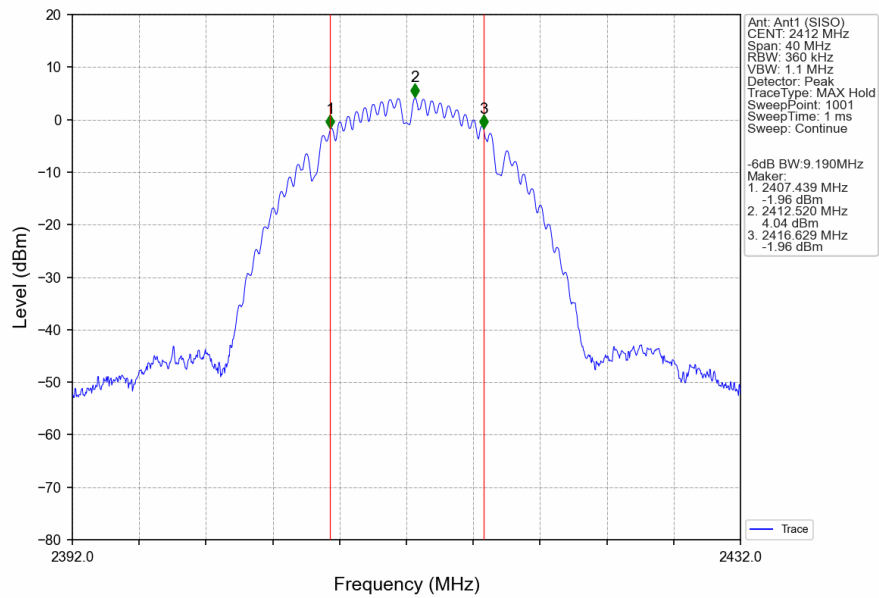


802.11n(HT20)_HCH_2462MHz_Ant1 (SISO)_NTNV

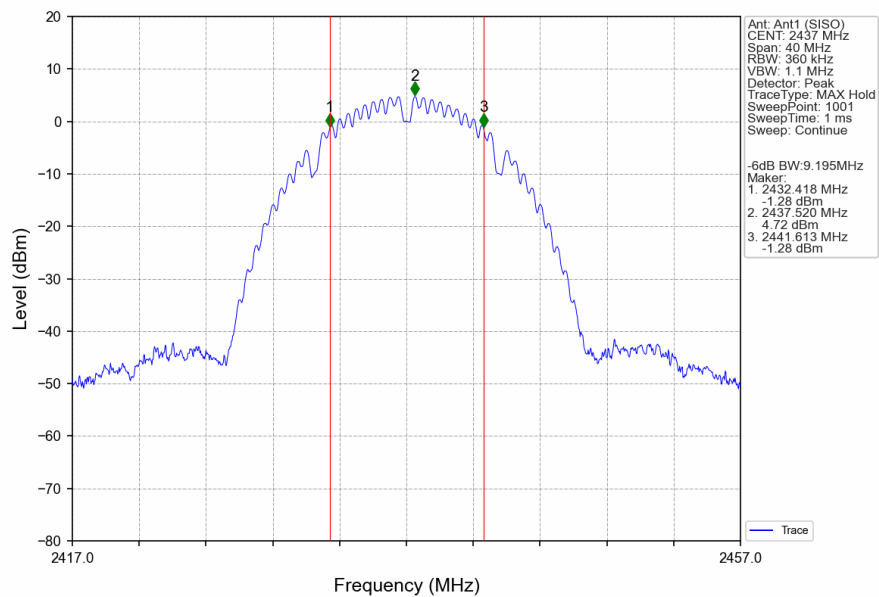


2.2.2 6dB BW

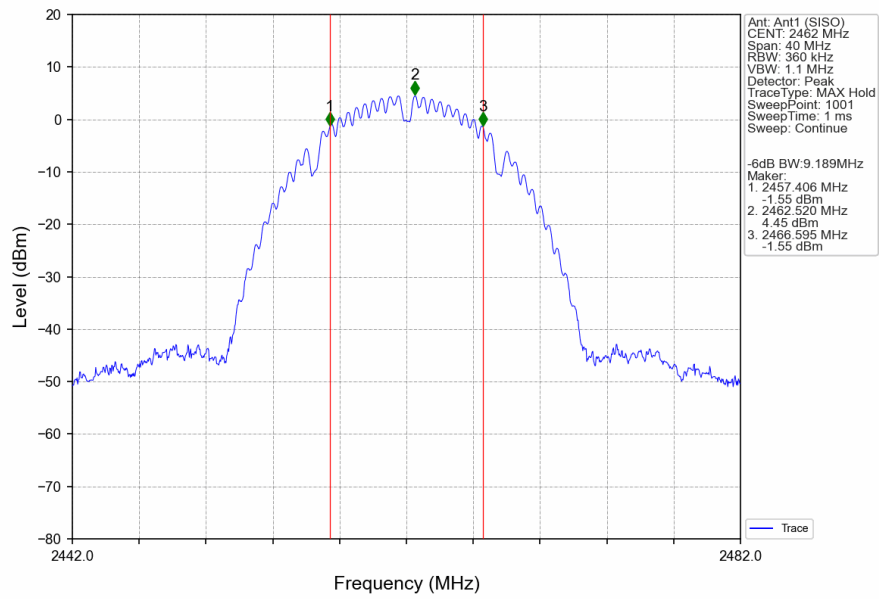
802.11b LCH 2412MHz_Ant1 (SISO)_NTNV



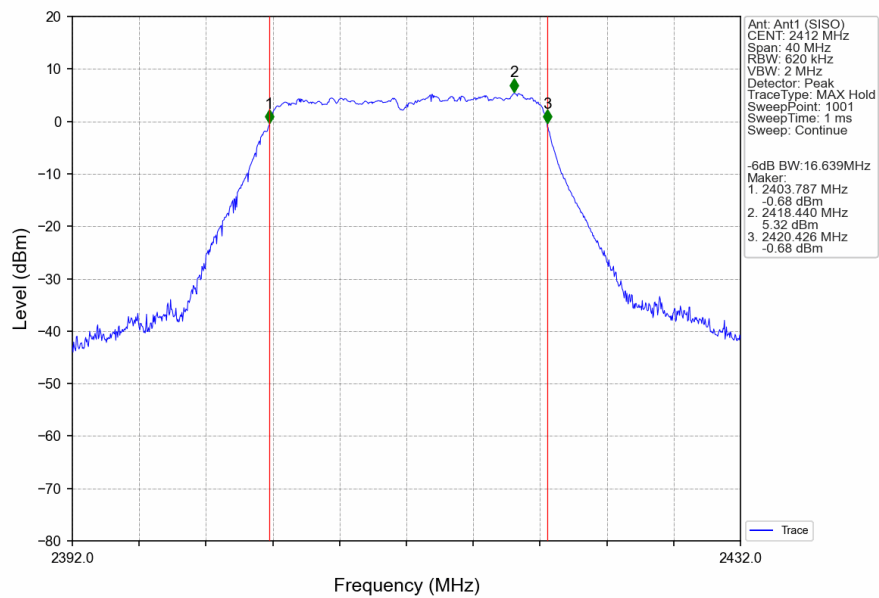
802.11b MCH 2437MHz_Ant1 (SISO)_NTNV



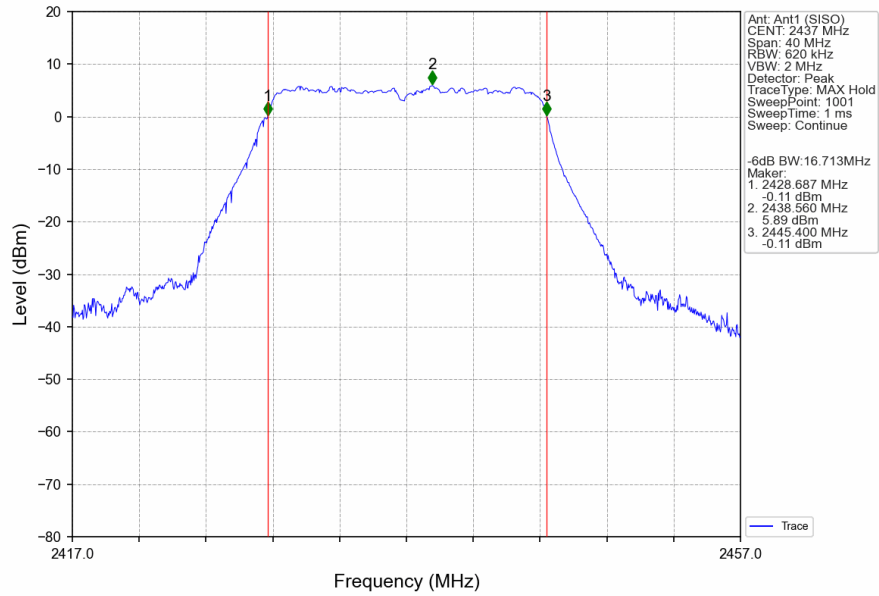
802.11b HCH 2462MHz_Ant1 (SISO)_NTNV



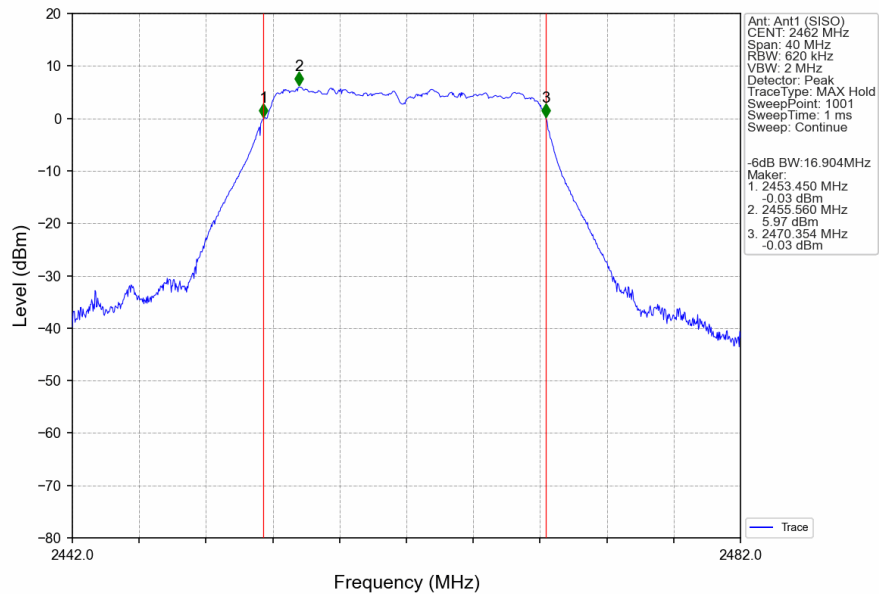
802.11g LCH 2412MHz_Ant1 (SISO)_NTNV



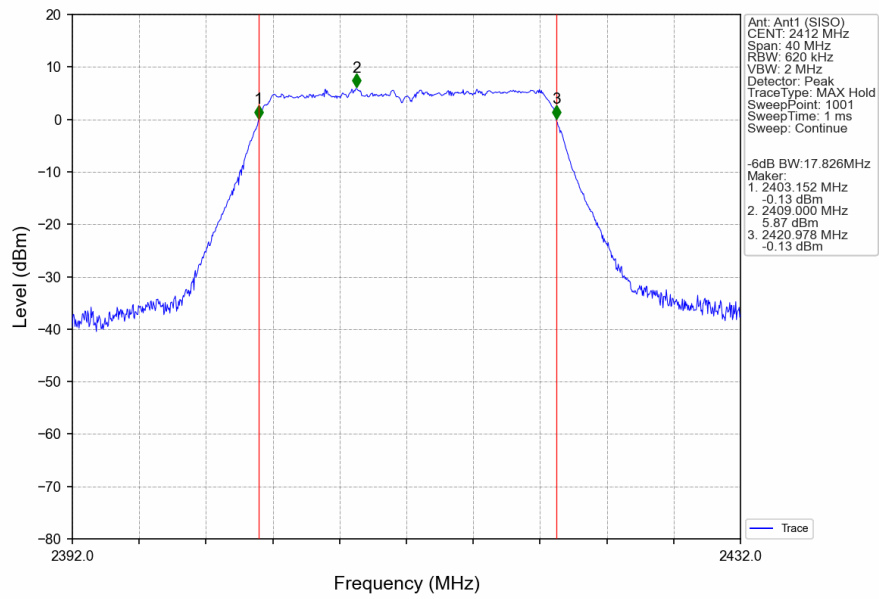
802.11g_MCH_2437MHz_Ant1 (SISO)_NTNV



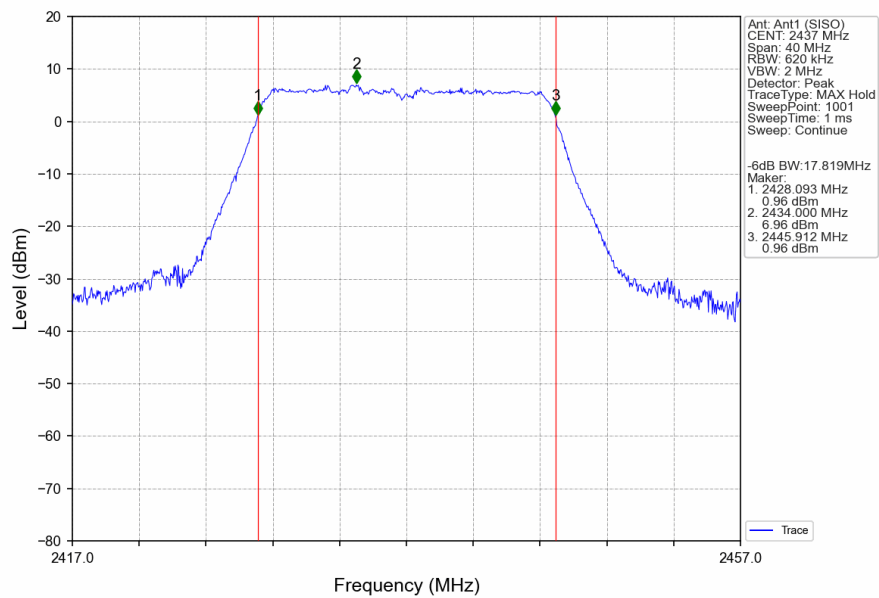
802.11g_HCH_2462MHz_Ant1 (SISO)_NTNV



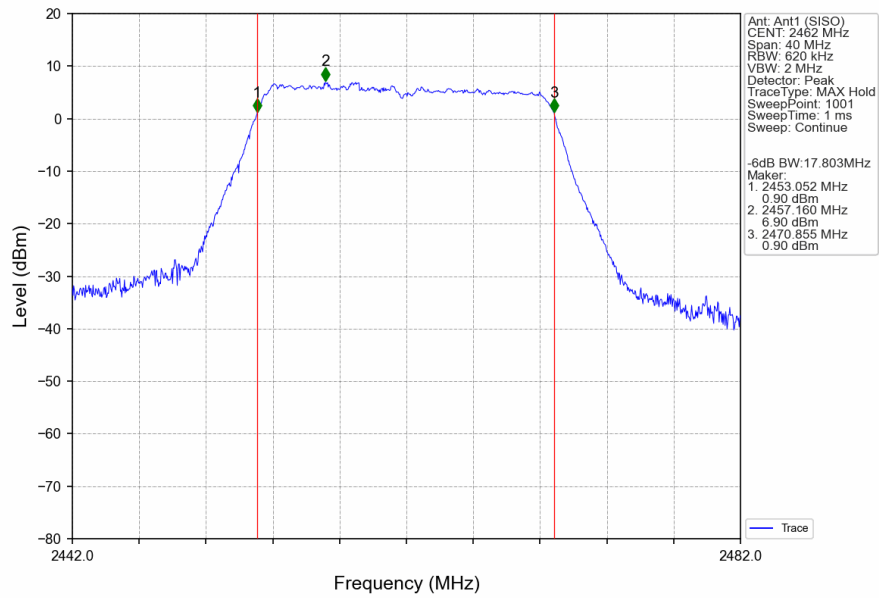
802.11n(HT20)_LCH_2412MHz_Ant1 (SISO)_NTNV



802.11n(HT20)_MCH_2437MHz_Ant1 (SISO)_NTNV



802.11n(HT20) HCH 2462MHz Ant1 (SISO) NTN





3. Maximum Conducted Output Power

3.1 Test Result

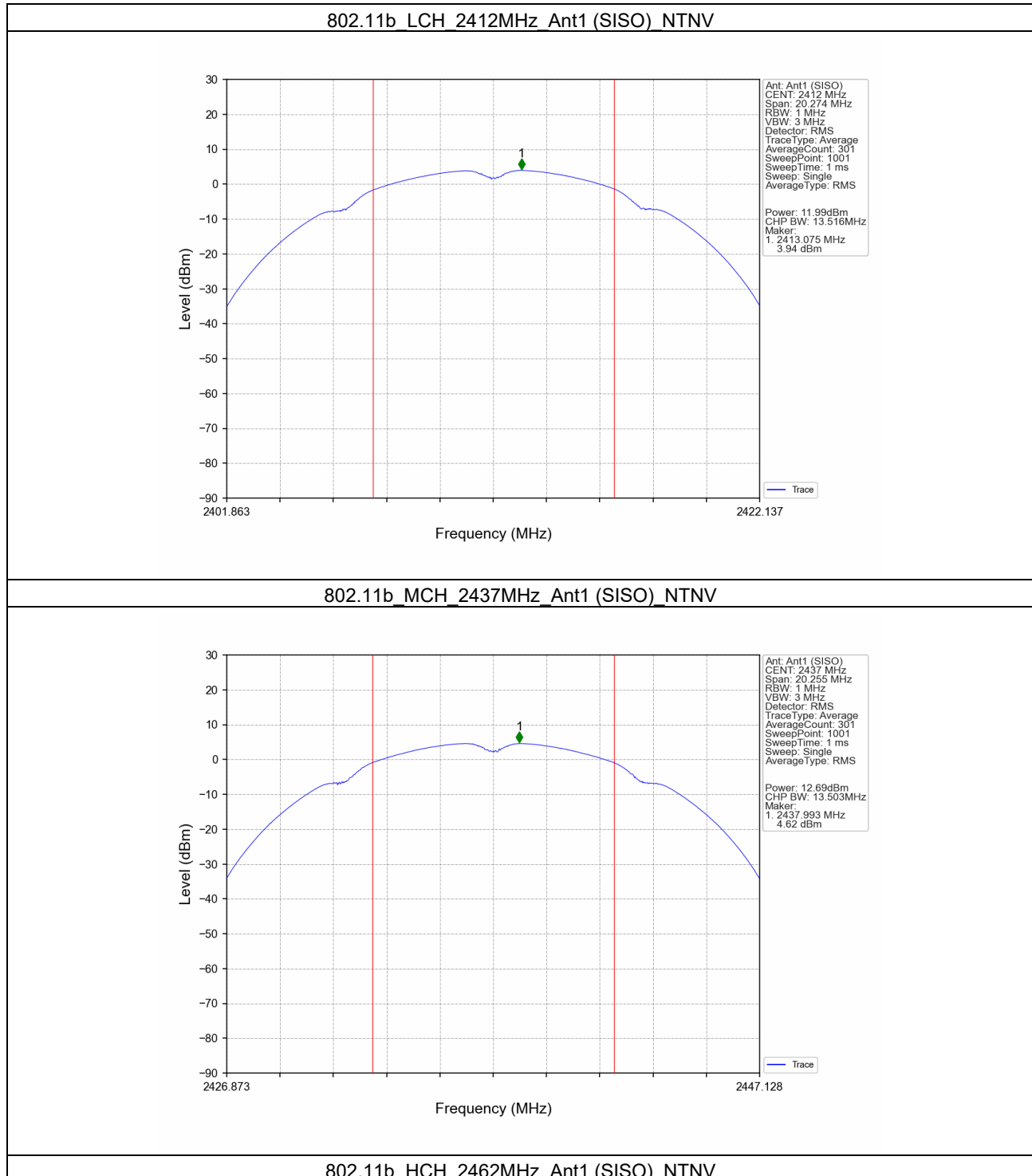
3.1.1 Power

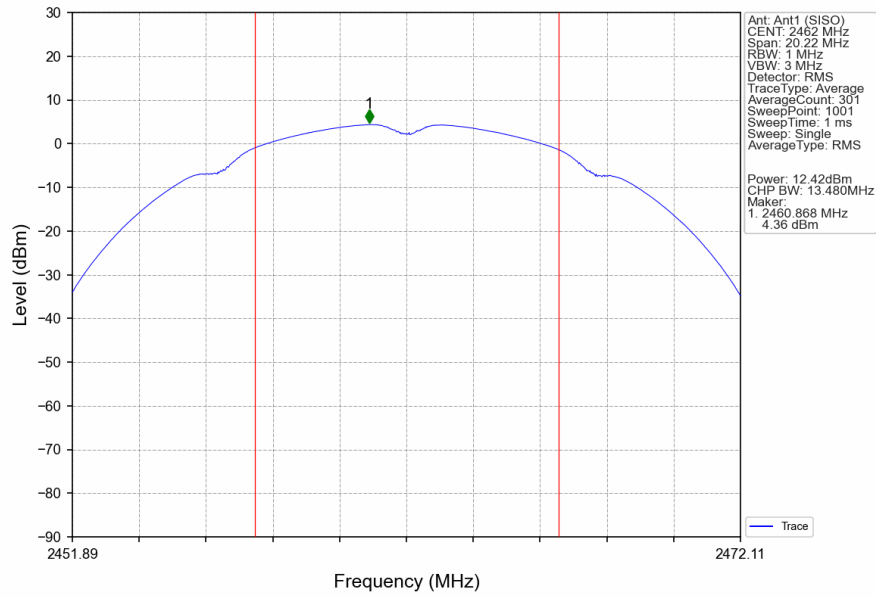
Mode	TX Type	Frequency (MHz)	Maximum Average Conducted Output Power (dBm)		Verdict
			ANT1	Limit	
802.11b	SISO	2412	11.99	<=30	Pass
		2437	12.69	<=30	Pass
		2462	12.42	<=30	Pass
802.11g	SISO	2412	11.42	<=30	Pass
		2437	12.27	<=30	Pass
		2462	12.04	<=30	Pass
802.11n (HT20)	SISO	2412	12.31	<=30	Pass
		2437	13.13	<=30	Pass
		2462	12.93	<=30	Pass

Note1: Antenna Gain: Ant1: 3.80dBi;

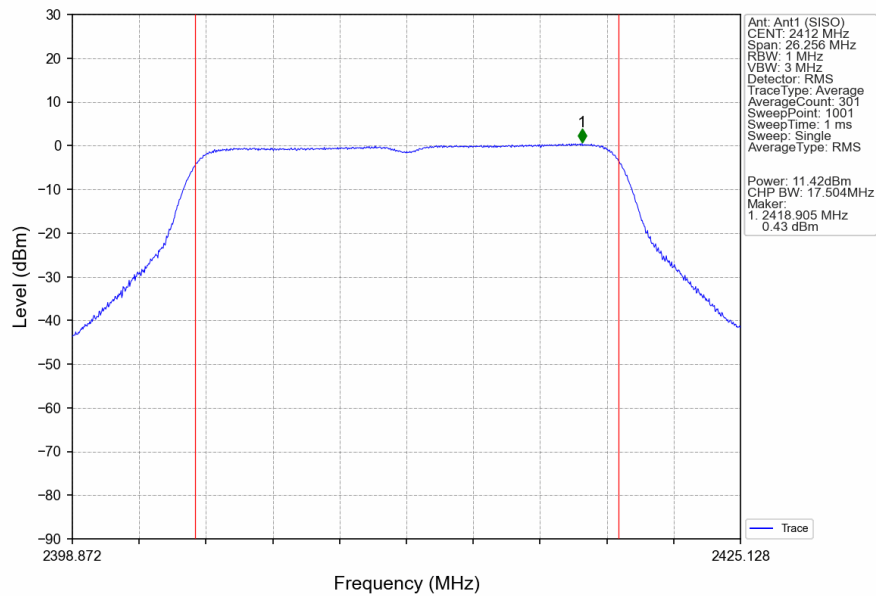
3.2 Test Graph

3.2.1 Power

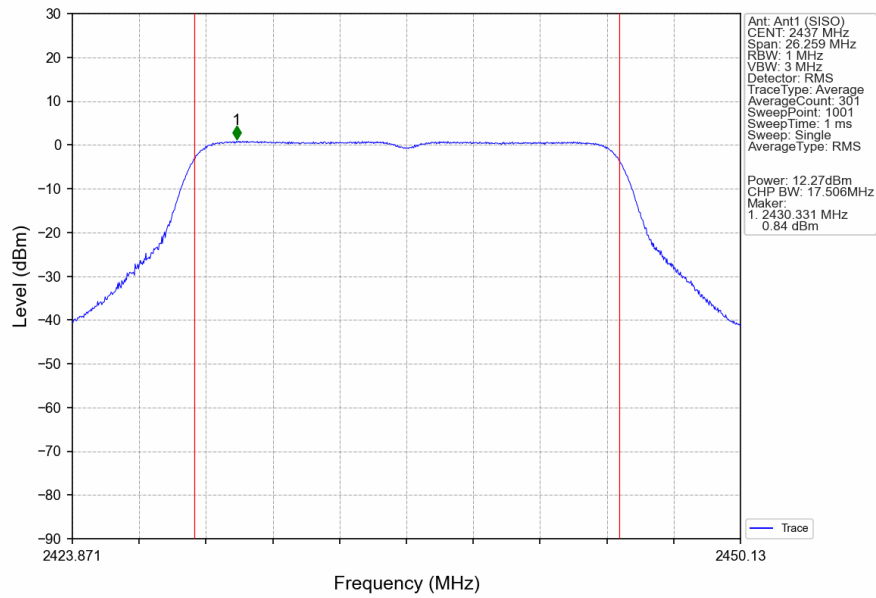




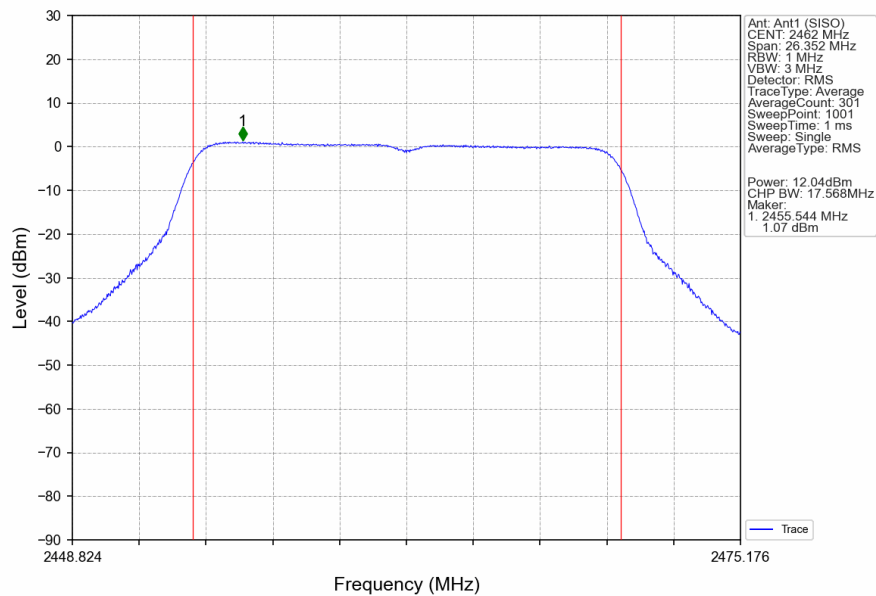
802.11g LCH 2412MHz_Ant1 (SISO)_NTNV



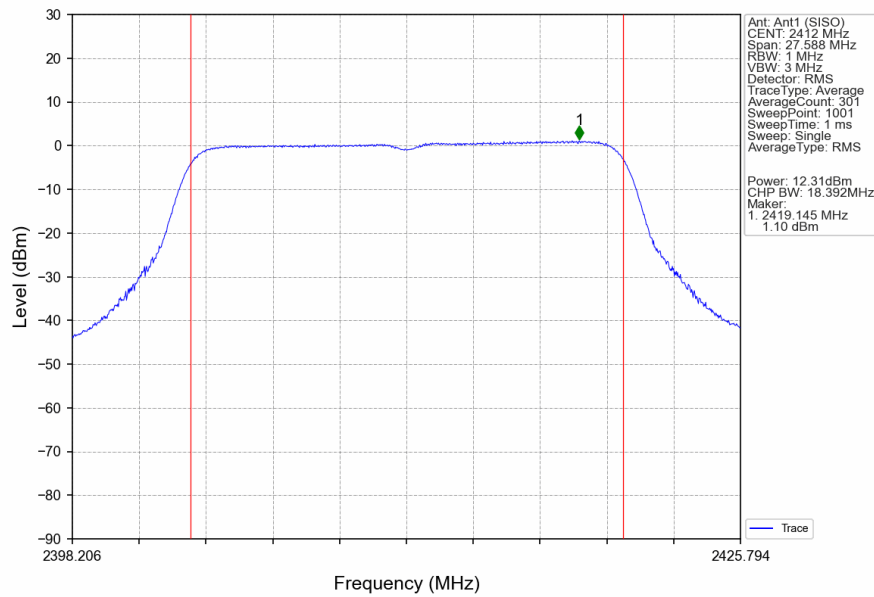
802.11g_MCH_2437MHz_Ant1 (SISO)_NTNV



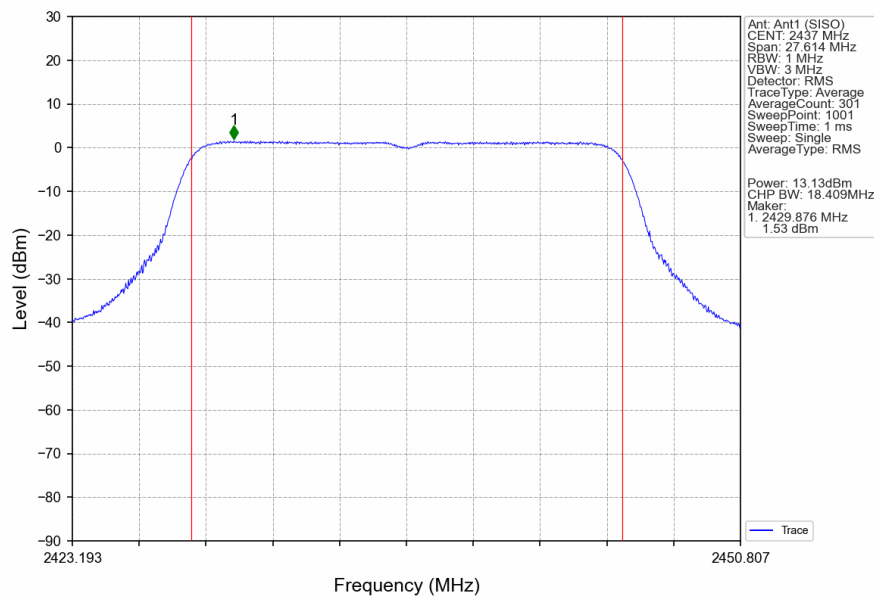
802.11g_HCH_2462MHz_Ant1 (SISO)_NTNV



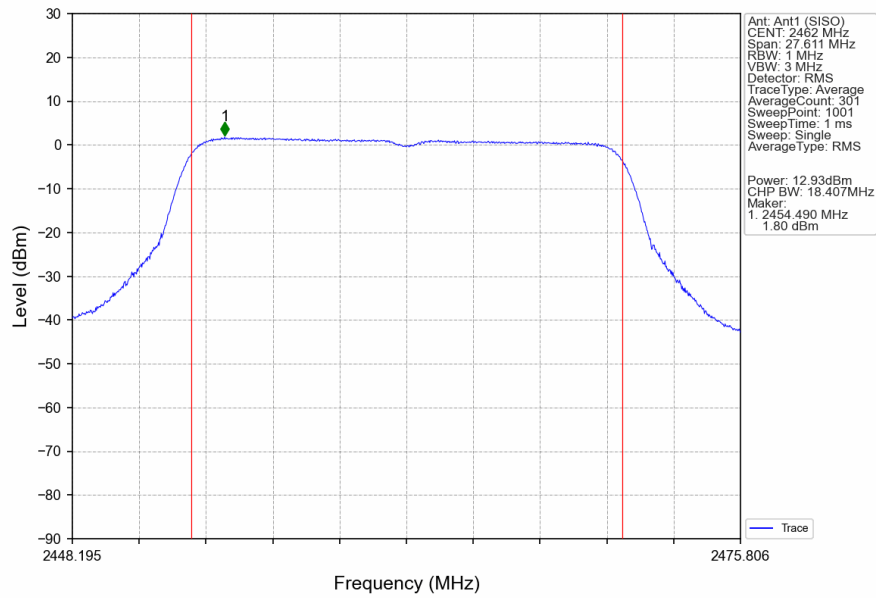
802.11n(HT20)_LCH_2412MHz_Ant1 (SISO)_NTNV



802.11n(HT20) MCH_2437MHz_Ant1 (SISO)_NTNV



802.11n(HT20) HCH 2462MHz Ant1 (SISO) NTN





4. Maximum Power Spectral Density

4.1 Test Result

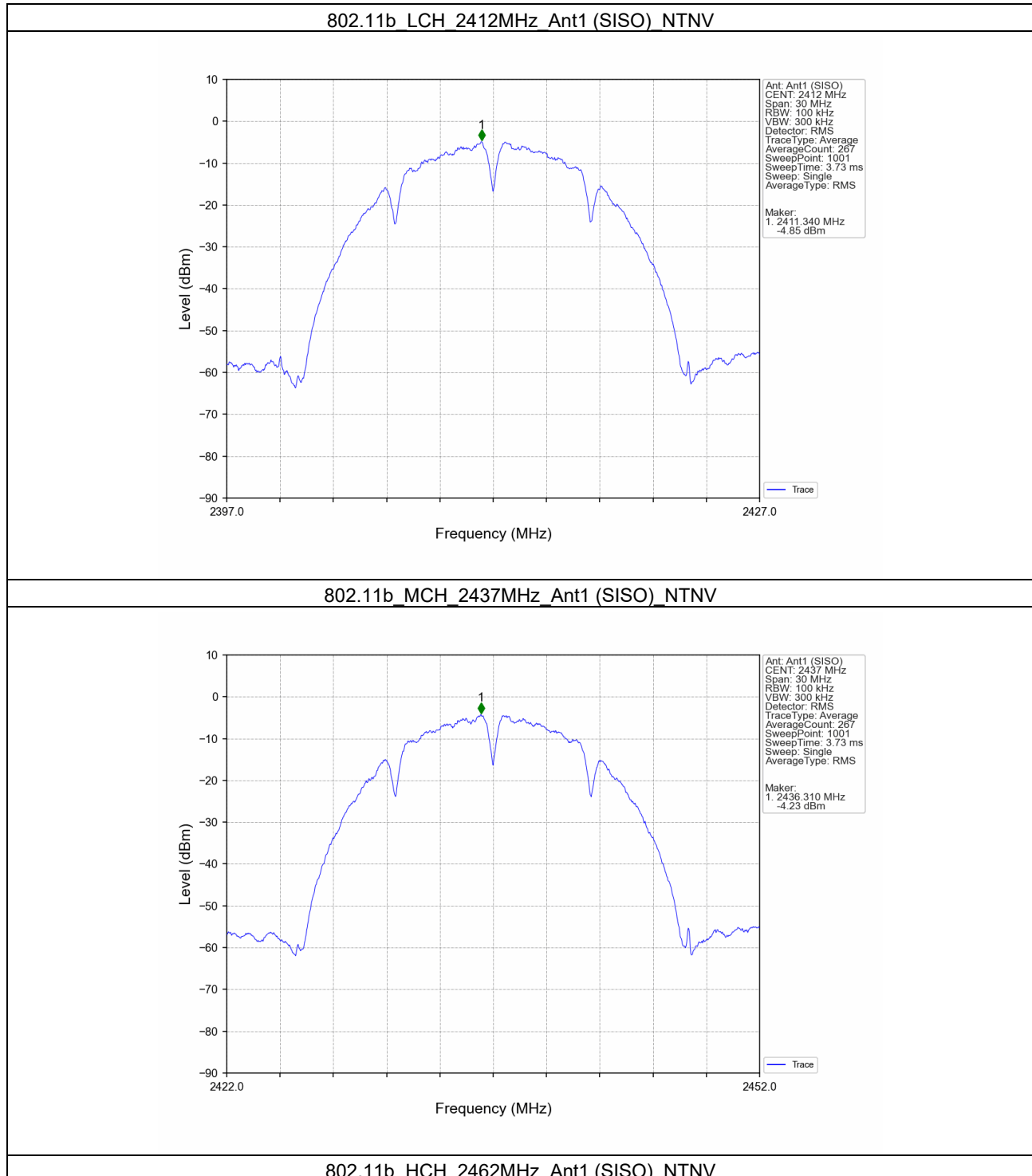
4.1.1 PSD

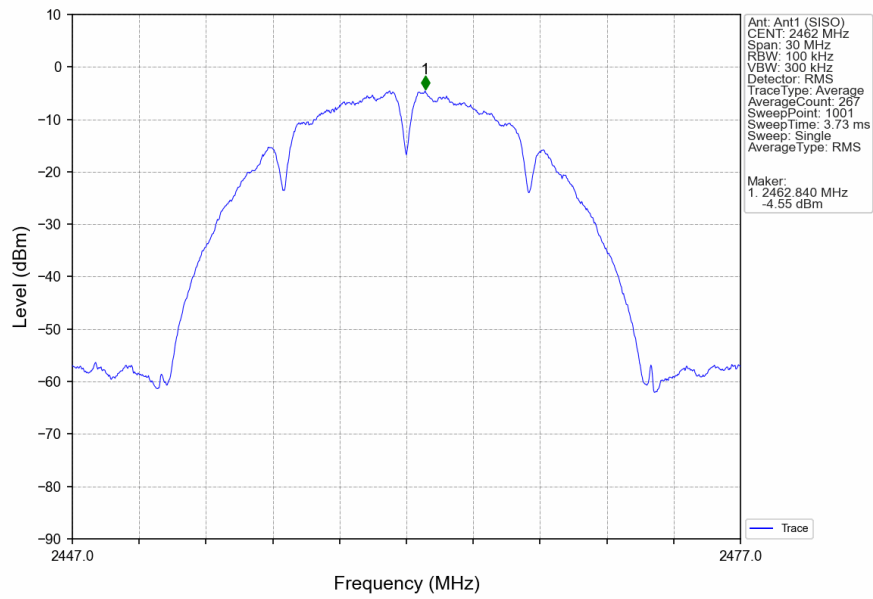
Mode	TX Type	Frequency (MHz)	Maximum PSD (dBm)		Verdict
			ANT1	Limit	
802.11b	SISO	2412	-4.85	<=8	Pass
		2437	-4.23	<=8	Pass
		2462	-4.55	<=8	Pass
802.11g	SISO	2412	-8.58	<=8	Pass
		2437	-8.14	<=8	Pass
		2462	-8.08	<=8	Pass
802.11n (HT20)	SISO	2412	-8.06	<=8	Pass
		2437	-7.44	<=8	Pass
		2462	-7.29	<=8	Pass

Note1: Antenna Gain: Ant1: 3.80dBi;

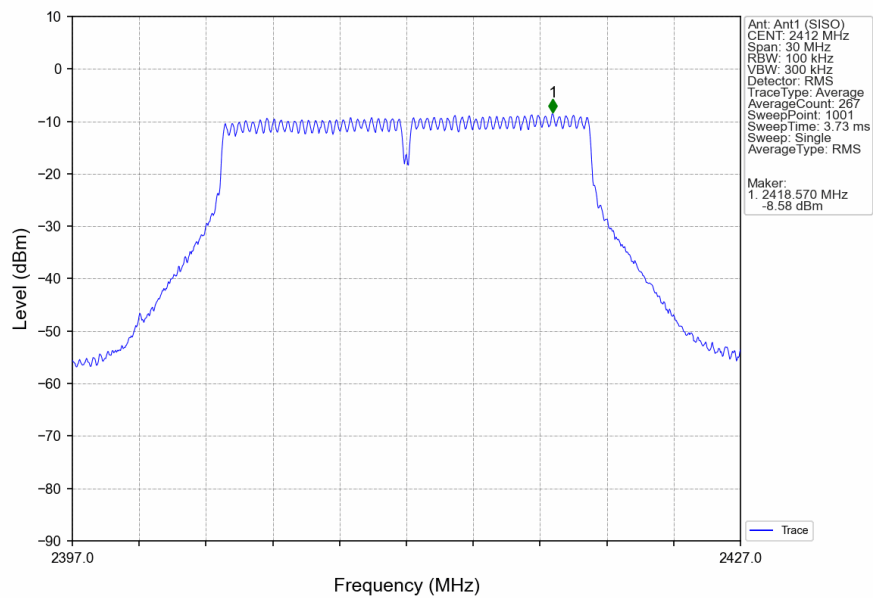
4.2 Test Graph

4.2.1 PSD

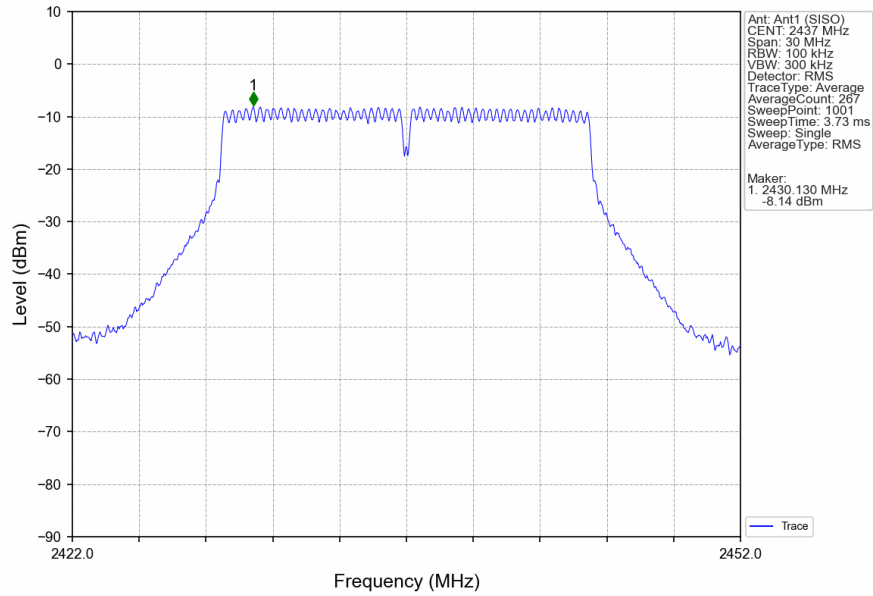




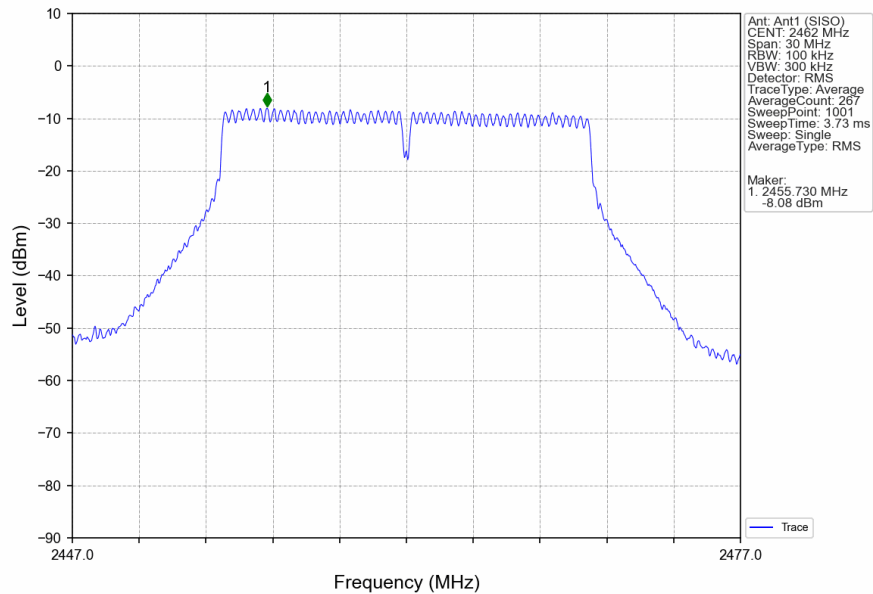
802.11g LCH 2412MHz_Ant1 (SISO)_NTNV



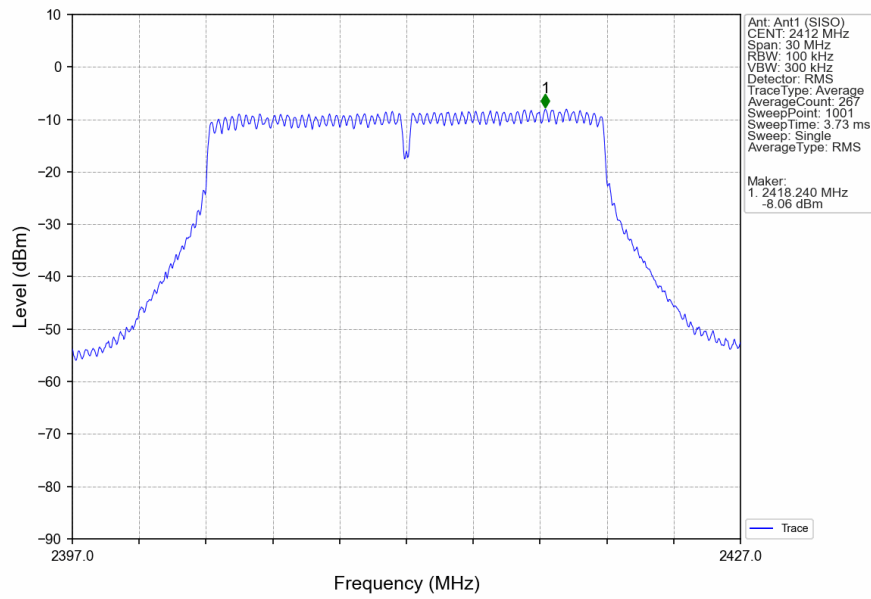
802.11g_MCH_2437MHz_Ant1 (SISO)_NTNV



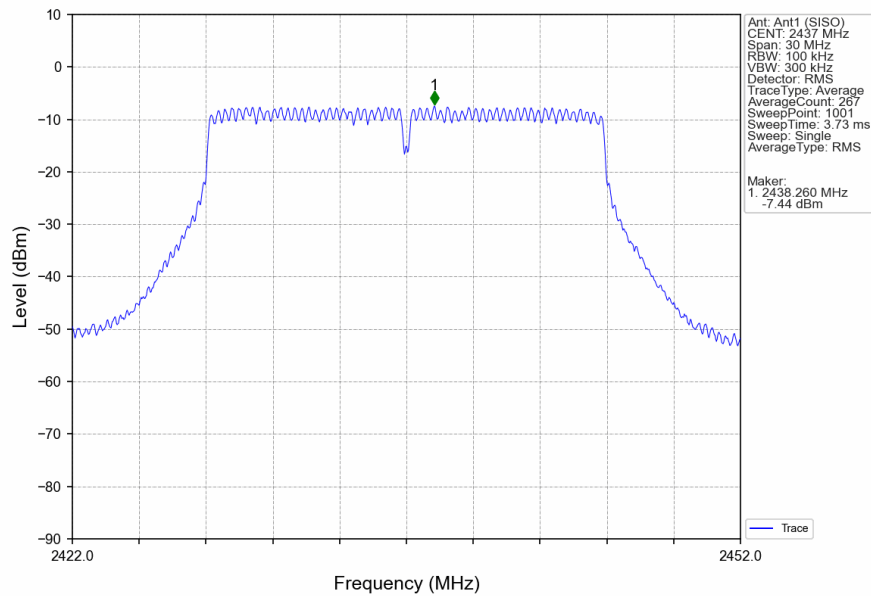
802.11g_HCH_2462MHz_Ant1 (SISO)_NTNV

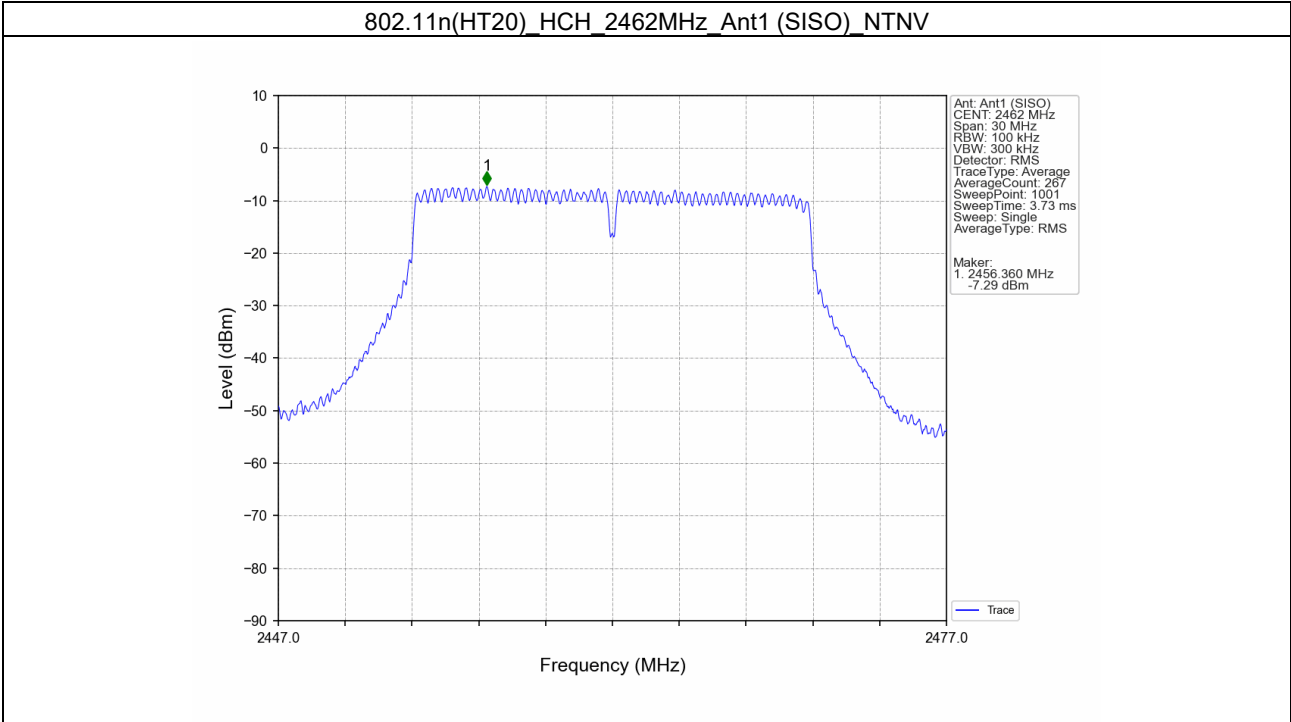


802.11n(HT20)_LCH_2412MHz_Ant1 (SISO)_NTNV



802.11n(HT20) MCH_2437MHz_Ant1 (SISO) NTN





5. Unwanted Emissions In Non-restricted Frequency Bands

5.1 Test Result

5.1.1 Ref

Mode	TX Type	Frequency (MHz)	ANT	Level of Reference (dBm)
802.11b	SISO	2412	1	2.74
		2437	1	3.43
		2462	1	3.19
802.11g	SISO	2412	1	-2.70
		2437	1	-2.04
		2462	1	-2.10
802.11n (HT20)	SISO	2412	1	-1.89
		2437	1	-0.78
		2462	1	-0.73

Note1: Refer to FCC Part 15.247 (d) and ANSI C63.10-2020, the channel contains the maximum PSD level was used to establish the reference level.

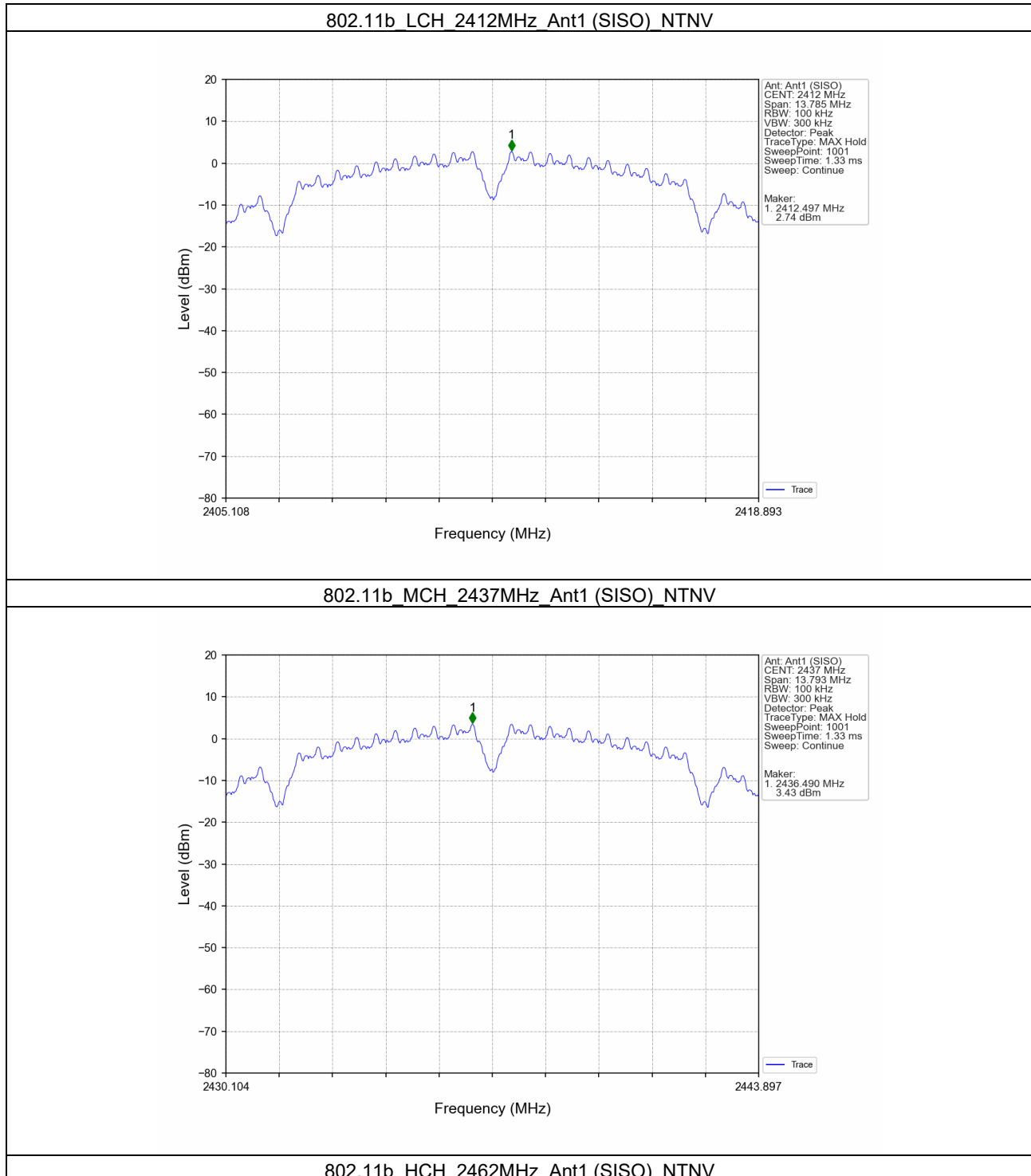
5.1.2 CSE

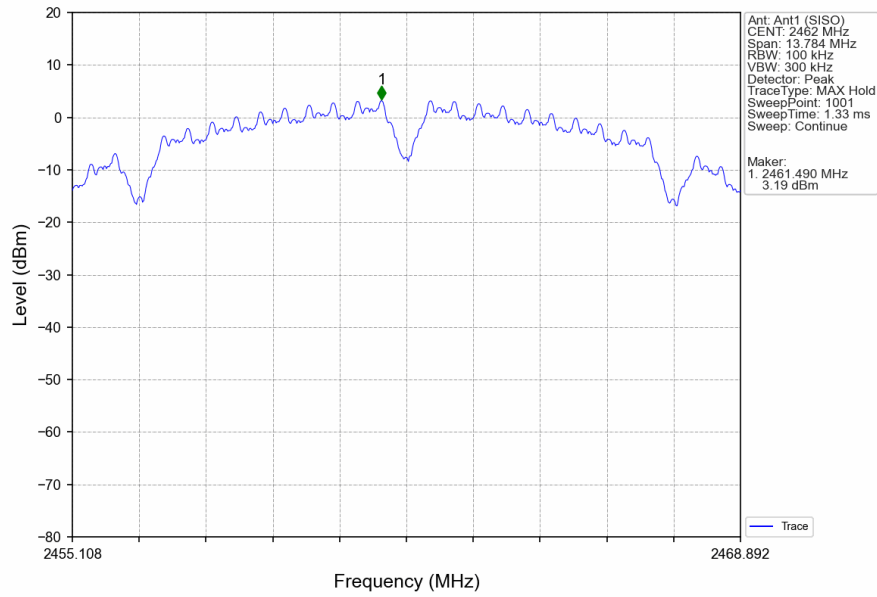
Mode	TX Type	Frequency (MHz)	ANT	Level of Reference (dBm)	Limit (dBm)	Verdict
802.11b	SISO	2412	1	3.43	-26.57	Pass
		2437	1	3.43	-26.57	Pass
		2462	1	3.43	-26.57	Pass
802.11g	SISO	2412	1	-2.04	-32.04	Pass
		2437	1	-2.04	-32.04	Pass
		2462	1	-2.04	-32.04	Pass
802.11n (HT20)	SISO	2412	1	-0.73	-30.73	Pass
		2437	1	-0.73	-30.73	Pass
		2462	1	-0.73	-30.73	Pass

Note1: Refer to FCC Part 15.247 (d) and ANSI C63.10-2020, the channel contains the maximum PSD level was used to establish the reference level.

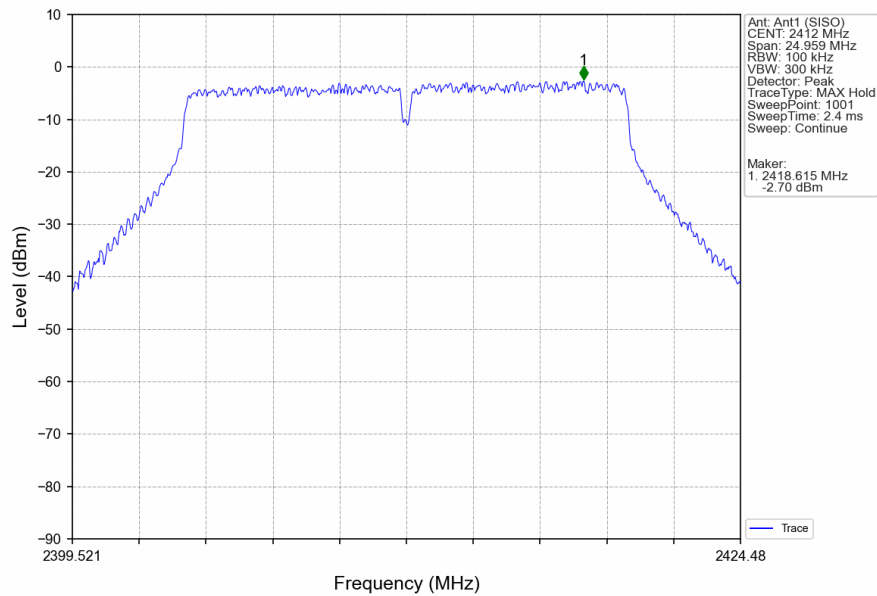
5.2 Test Graph

5.2.1 Ref

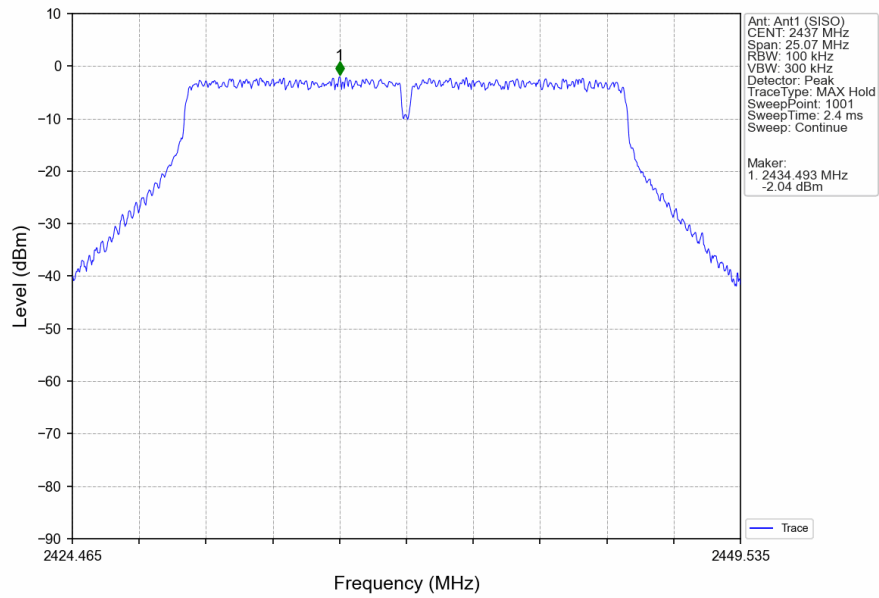




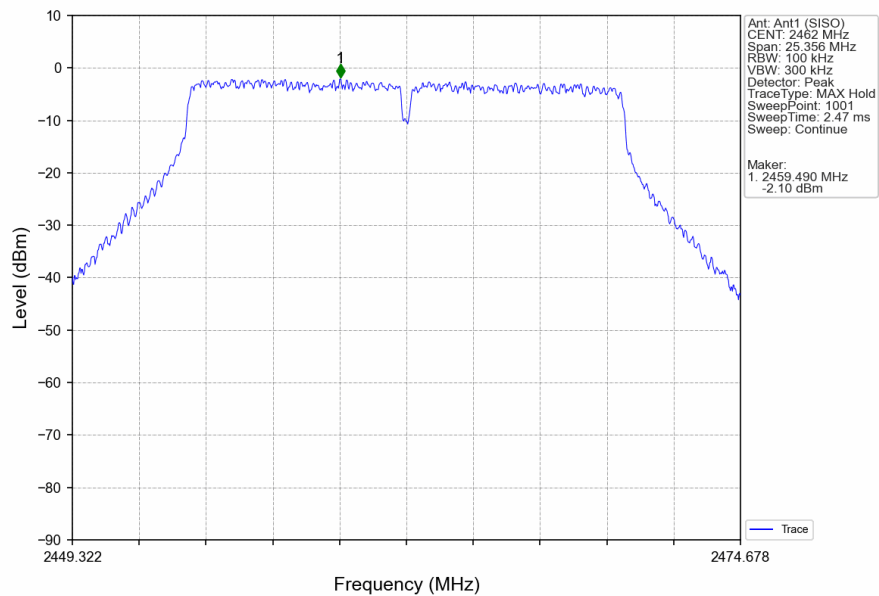
802.11g LCH 2412MHz_Ant1 (SISO)_NTNV



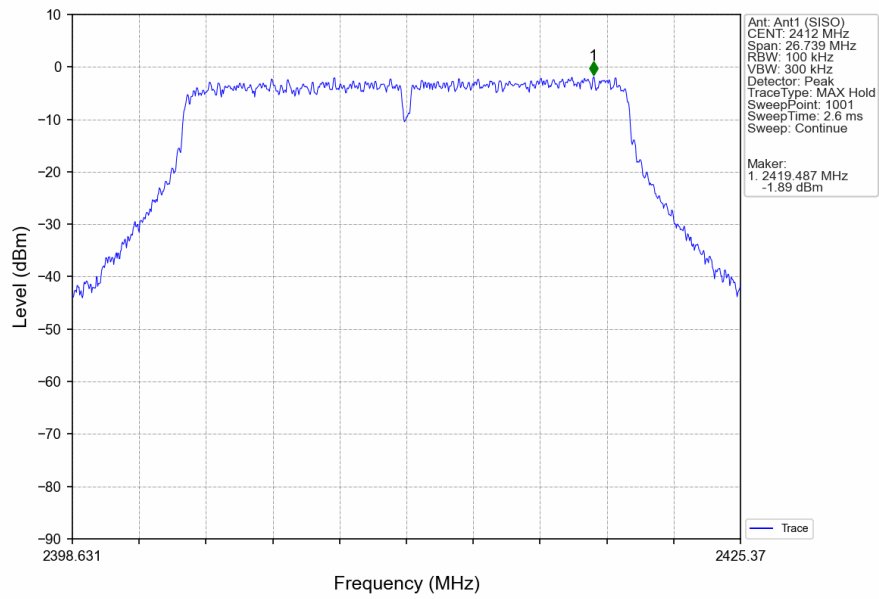
802.11g_MCH_2437MHz_Ant1 (SISO)_NTNV



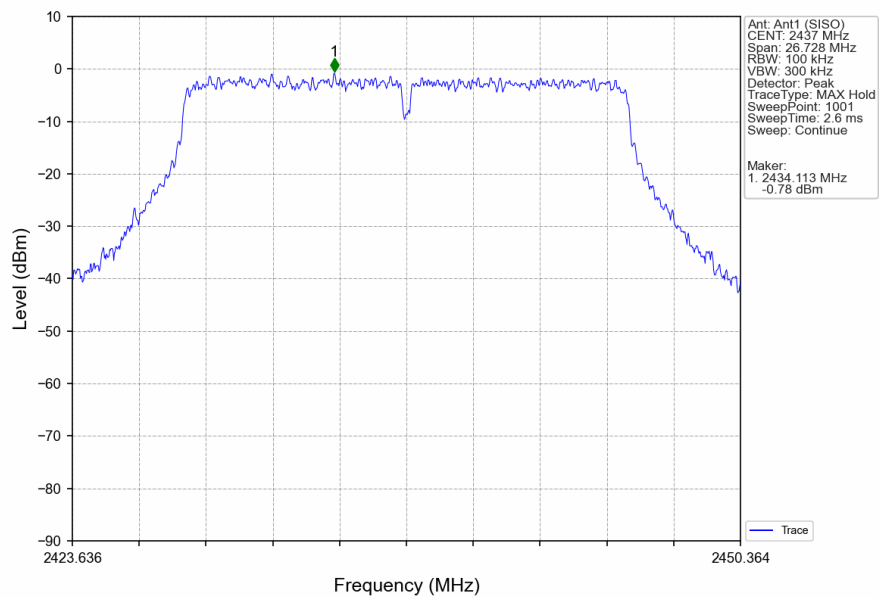
802.11g_HCH_2462MHz_Ant1 (SISO)_NTNV



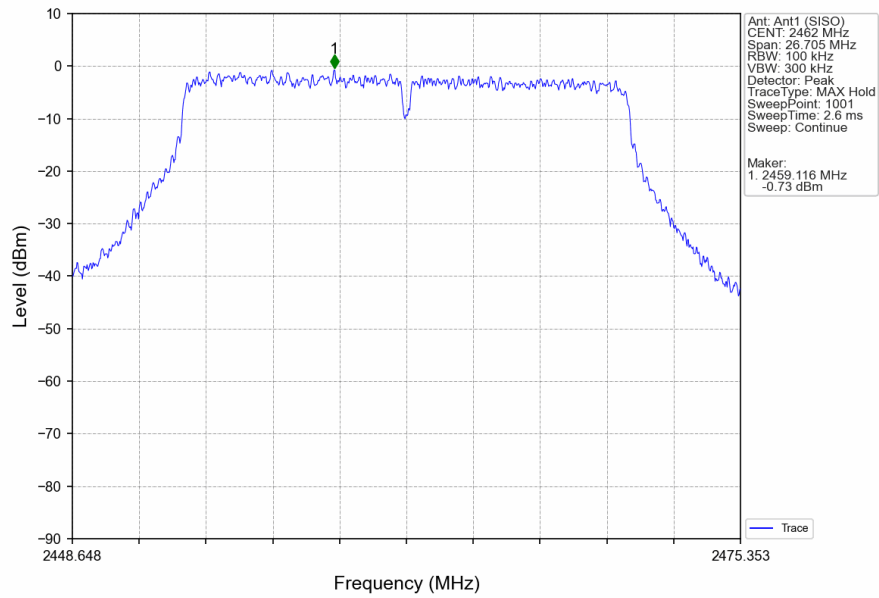
802.11n(HT20)_LCH_2412MHz_Ant1 (SISO)_NTNV



802.11n(HT20) MCH_2437MHz_Ant1 (SISO) NTN

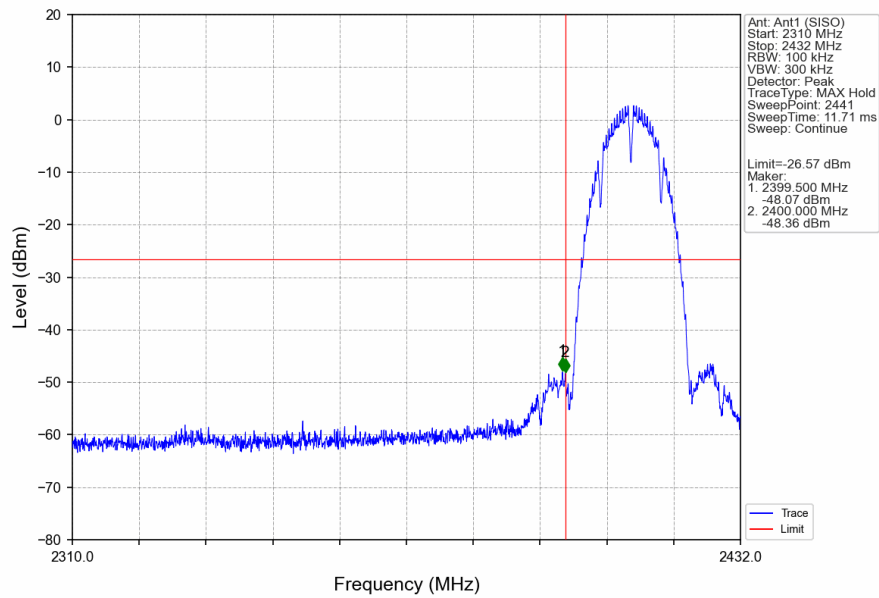


802.11n(HT20) HCH 2462MHz Ant1 (SISO) NTNV

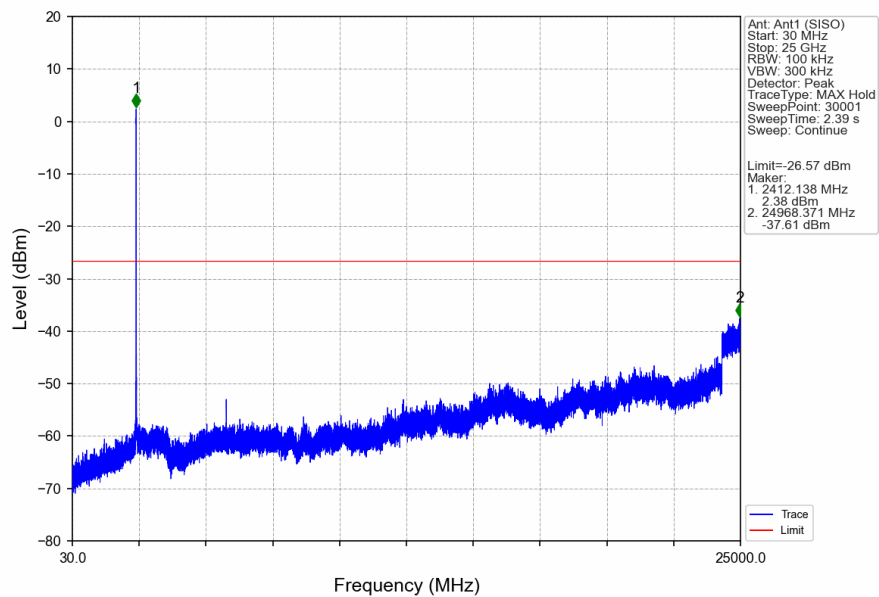


5.2.2 CSE

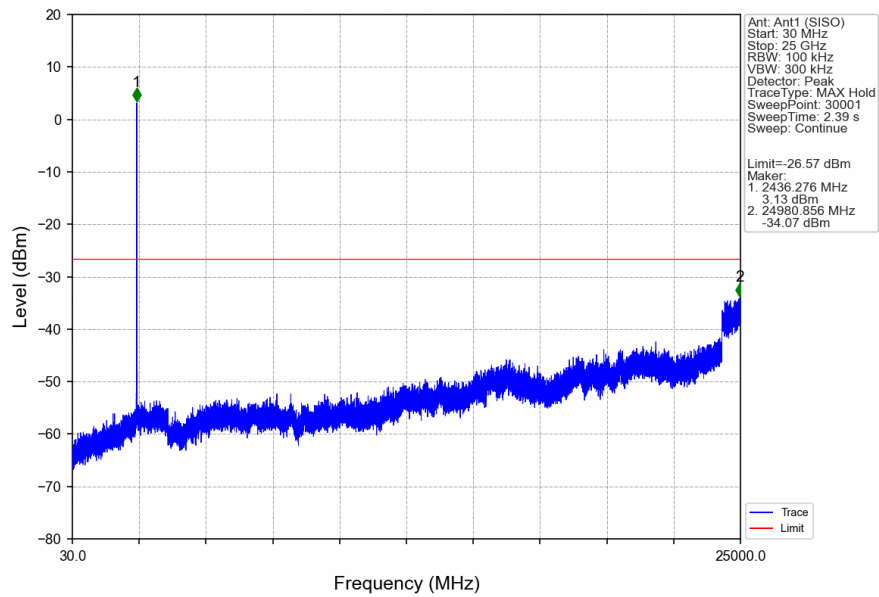
802.11b LCH 2412MHz_Ant1 (SISO)_NTNV



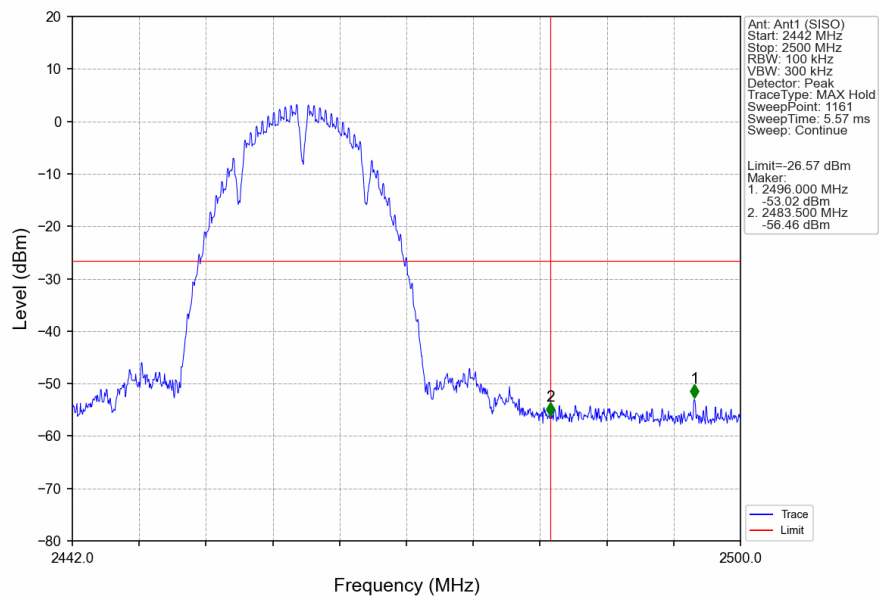
802.11b LCH 2412MHz_Ant1 (SISO)_NTNV



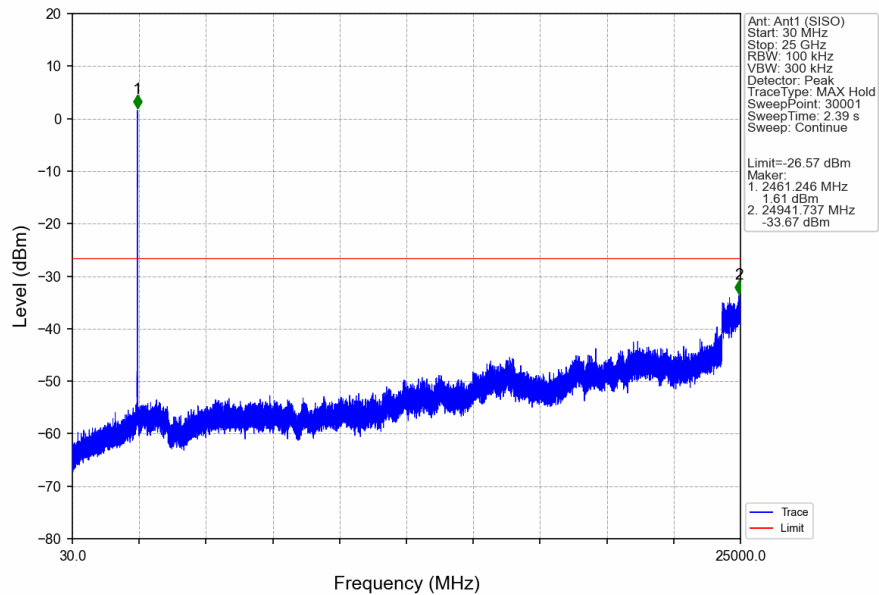
802.11b MCH 2437MHz_Ant1 (SISO)_NTNV



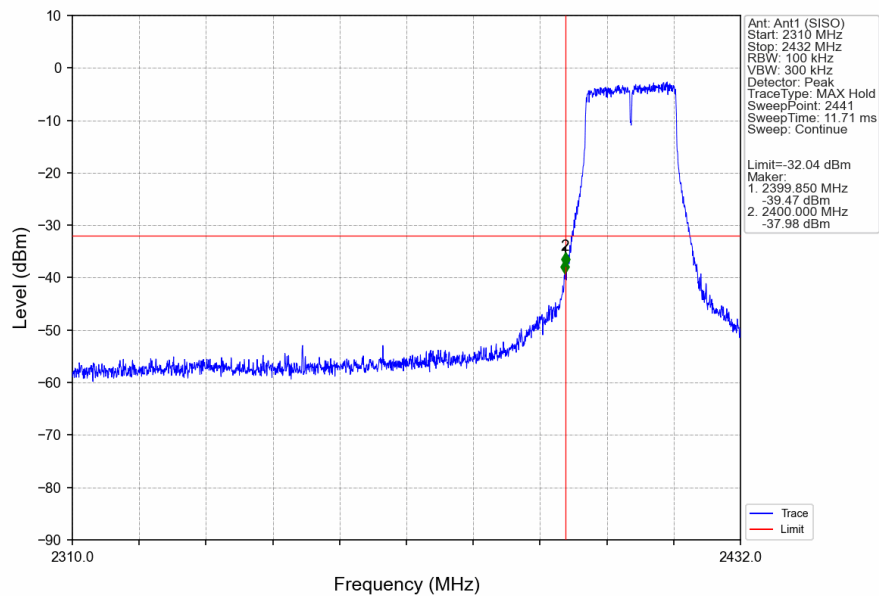
802.11b HCH 2462MHz Ant1 (SISO) NTN



802.11b HCH 2462MHz_Ant1 (SISO) NTN



802.11g LCH 2412MHz_Ant1 (SISO) NTN



802.11g LCH 2412MHz_Ant1 (SISO) NTN