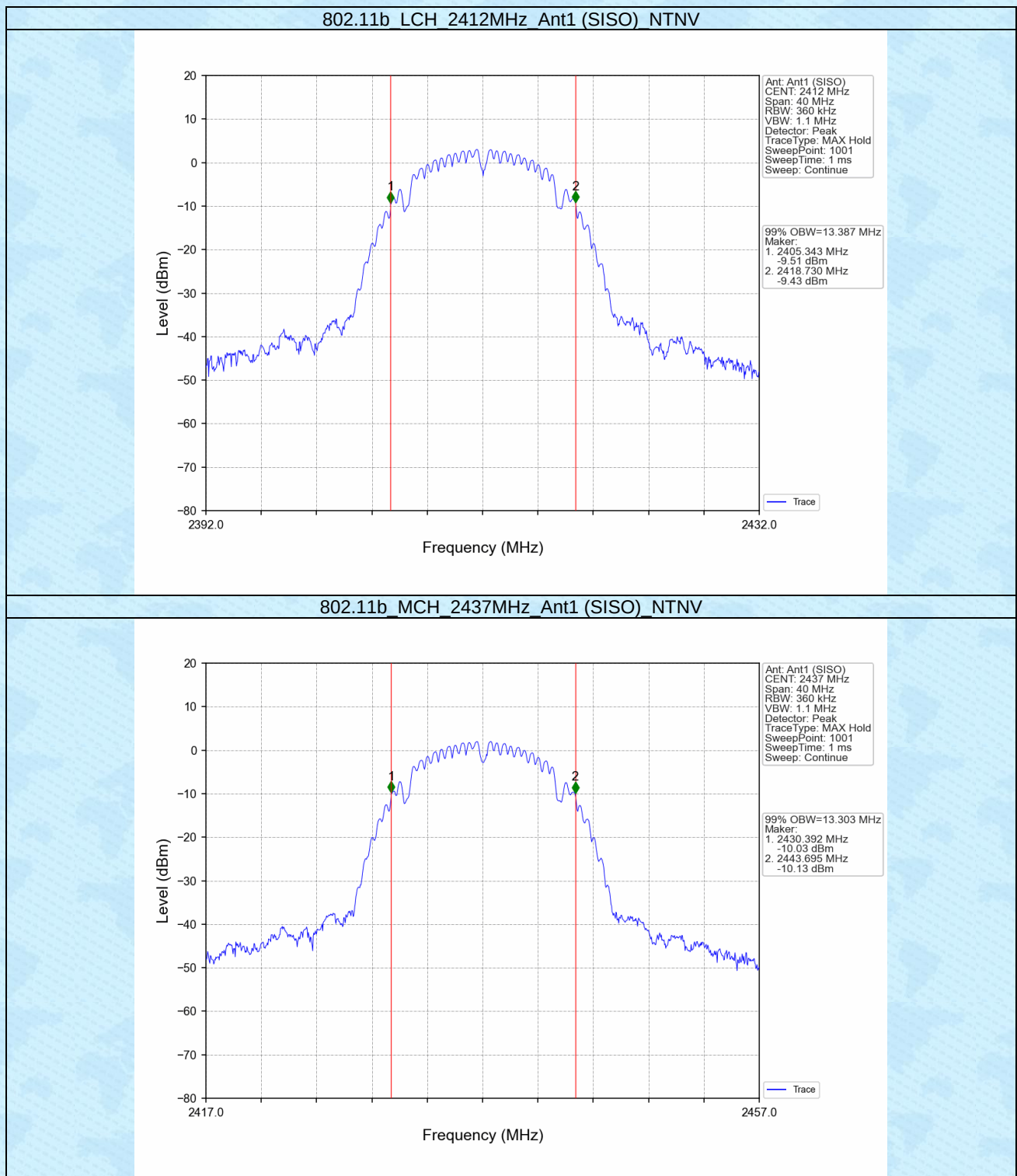


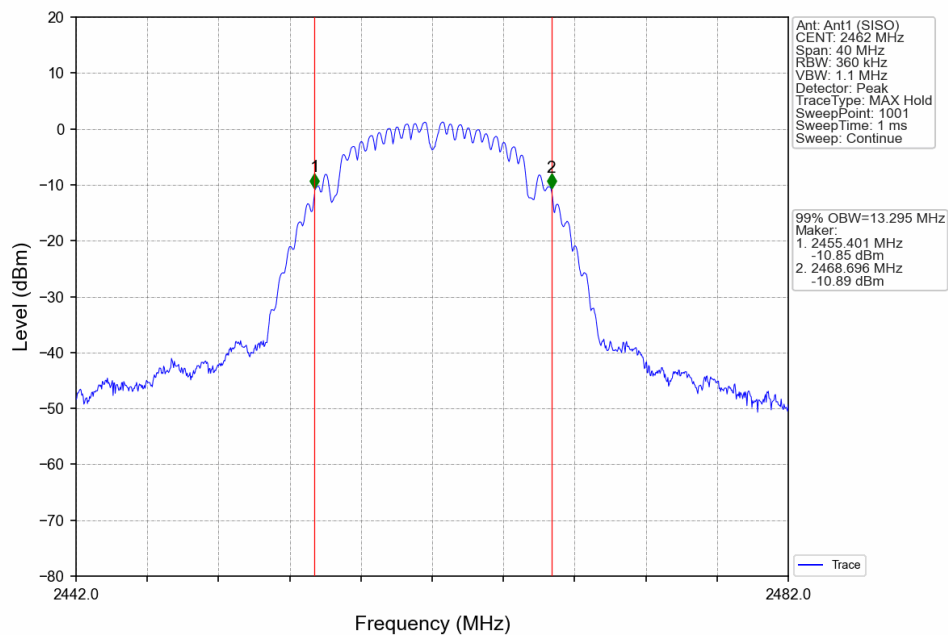
Appendix for 15.247**1. Bandwidth****1.1 OBW****1.1.1 Test Result**

Mode	TX Type	Frequency (MHz)	ANT	99% Occupied Bandwidth (MHz)	Verdict
				Result	
802.11b	SISO	2412	1	13.387	Pass
		2437	1	13.303	Pass
		2462	1	13.295	Pass
802.11g	SISO	2412	1	17.670	Pass
		2437	1	17.617	Pass
		2462	1	17.633	Pass
802.11n (HT20)	SISO	2412	1	18.626	Pass
		2437	1	18.614	Pass
		2462	1	18.606	Pass
802.11n (HT40)	SISO	2422	1	39.076	Pass
		2437	1	38.999	Pass
		2452	1	39.049	Pass

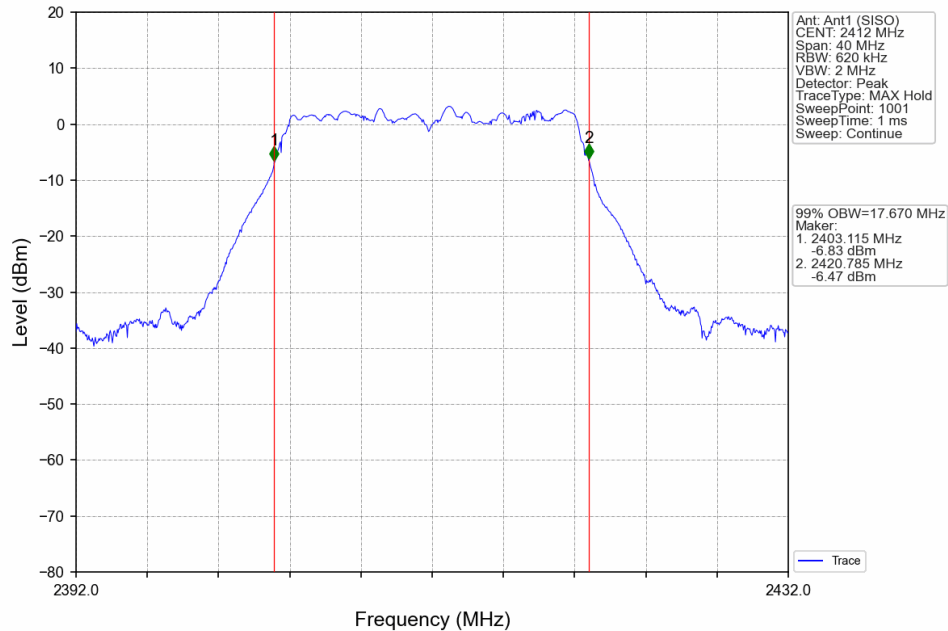
1.1.2 Test Graph



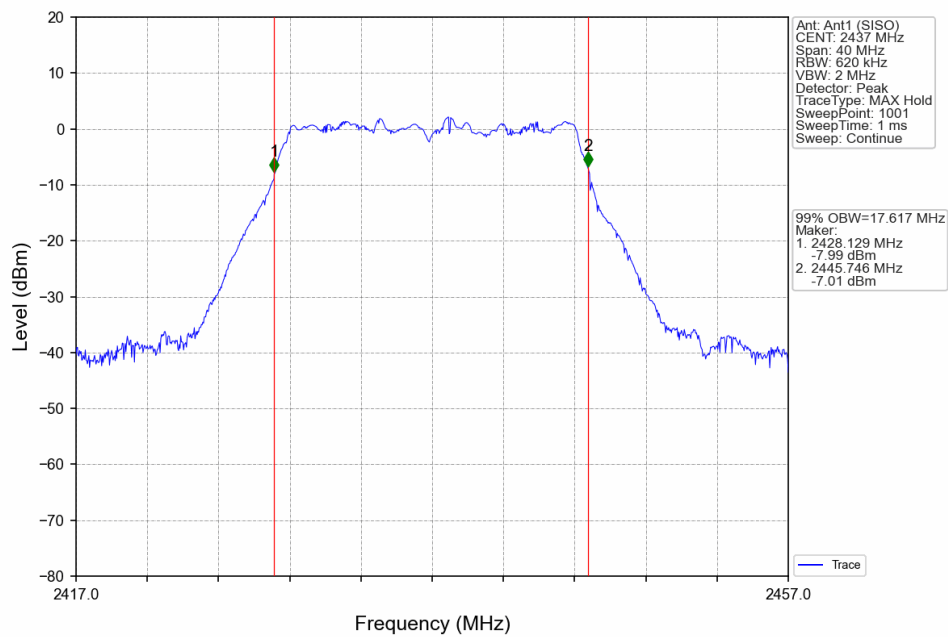
802.11b HCH 2462MHz Ant1 (SISO) NTN



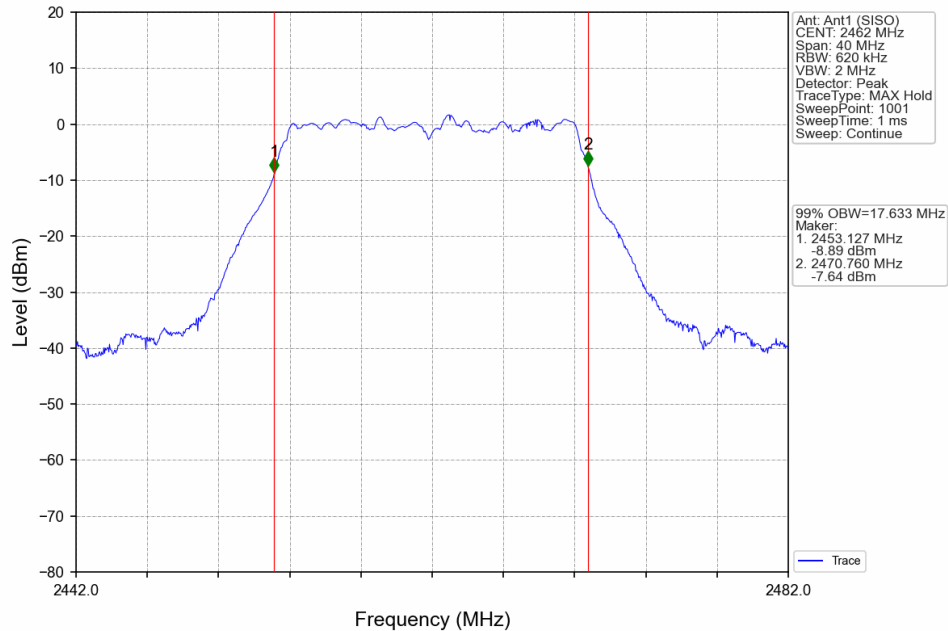
802.11g LCH 2412MHz Ant1 (SISO) NTN



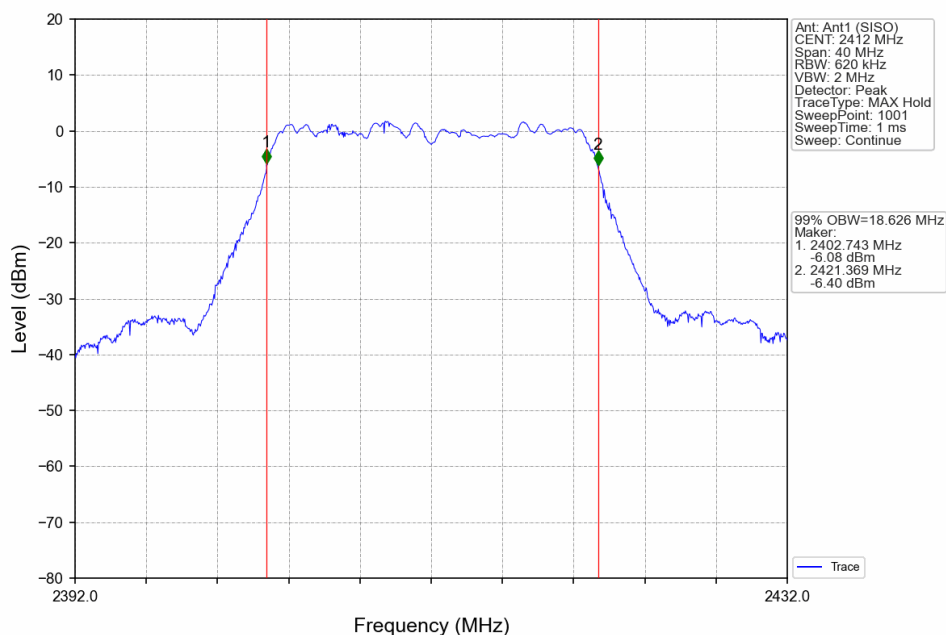
802.11g MCH 2437MHz Ant1 (SISO) NTNV



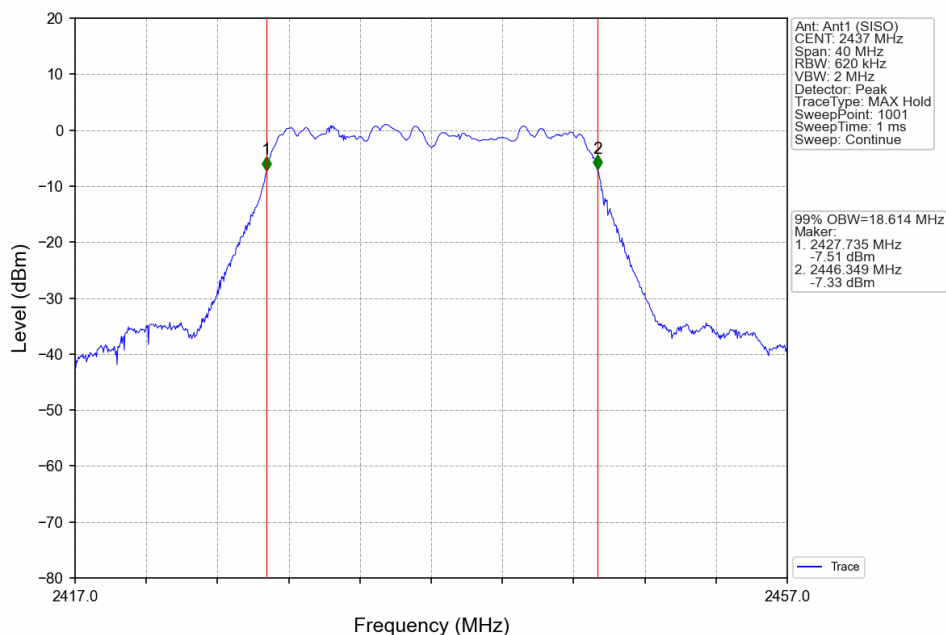
802.11g HCH 2462MHz Ant1 (SISO) NTNV



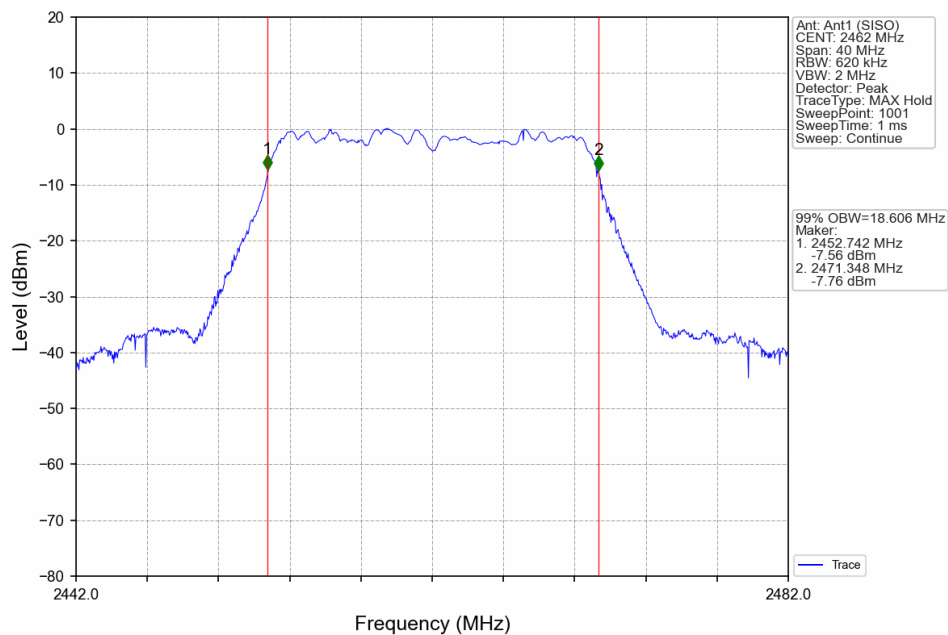
802.11n(HT20) LCH 2412MHz Ant1 (SISO) NTNV



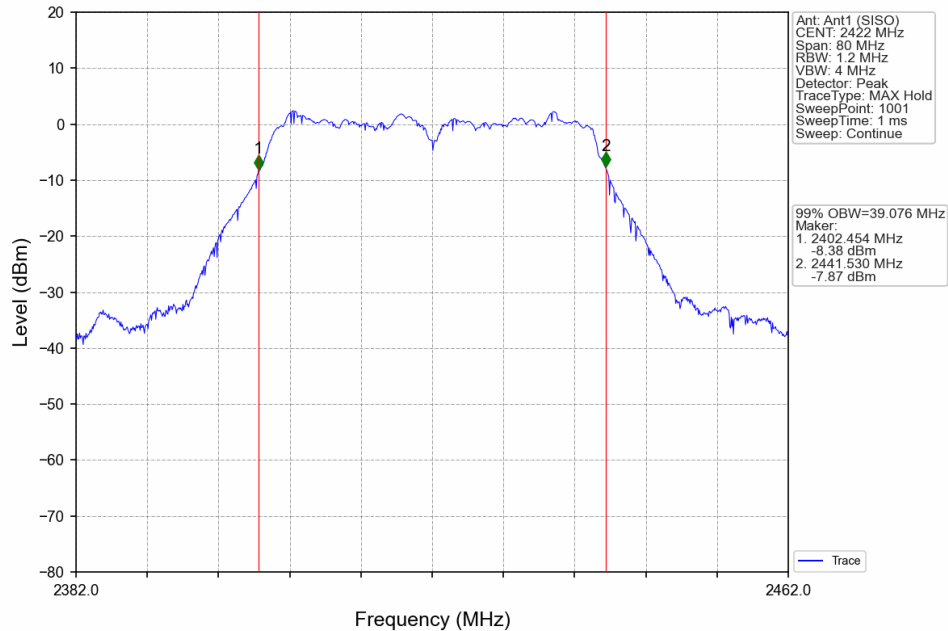
802.11n(HT20) MCH 2437MHz Ant1 (SISO) NTNV



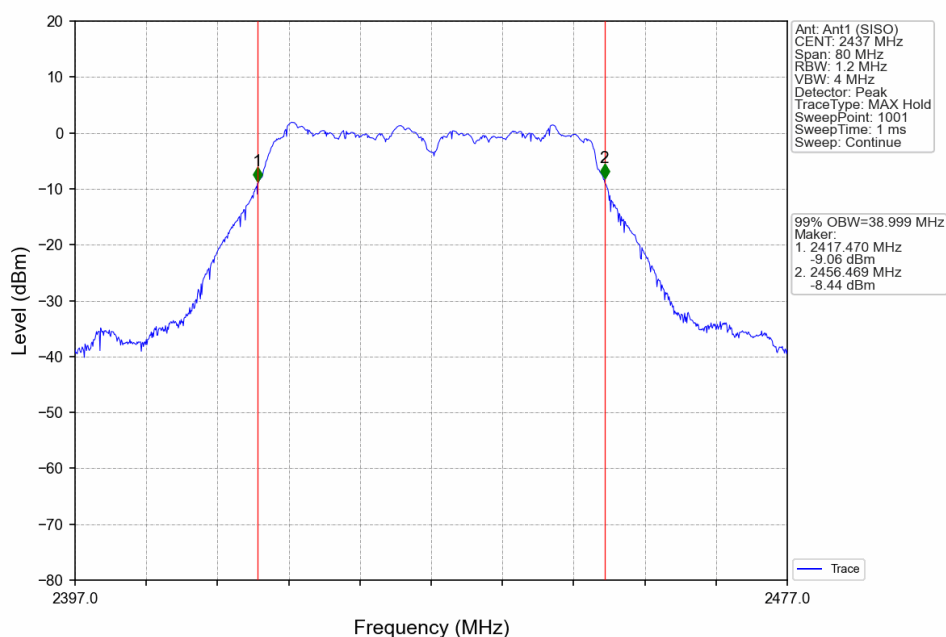
802.11n(HT20) HCH 2462MHz Ant1 (SISO) NTNV



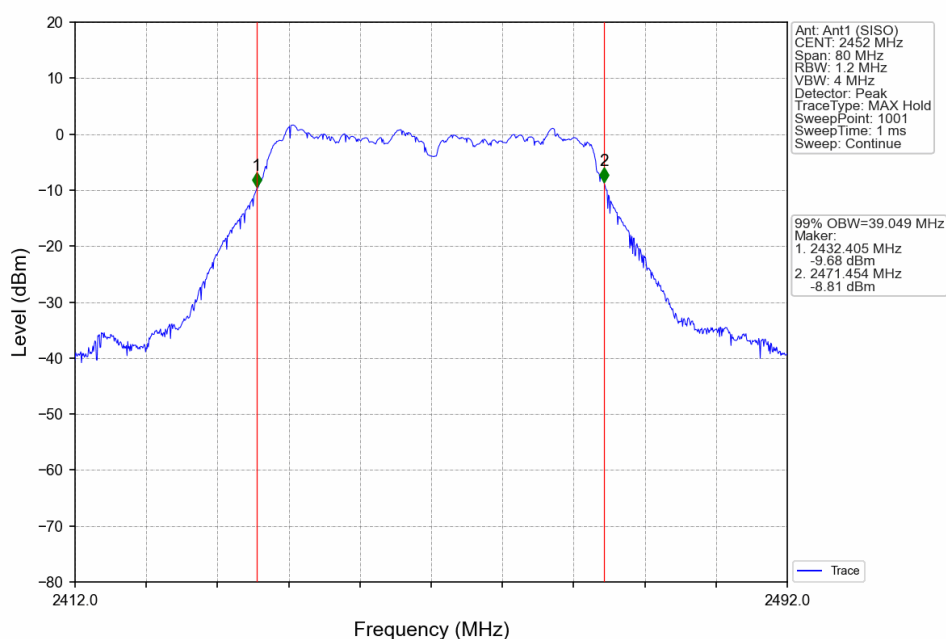
802.11n(HT40) LCH 2422MHz Ant1 (SISO) NTNV



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



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

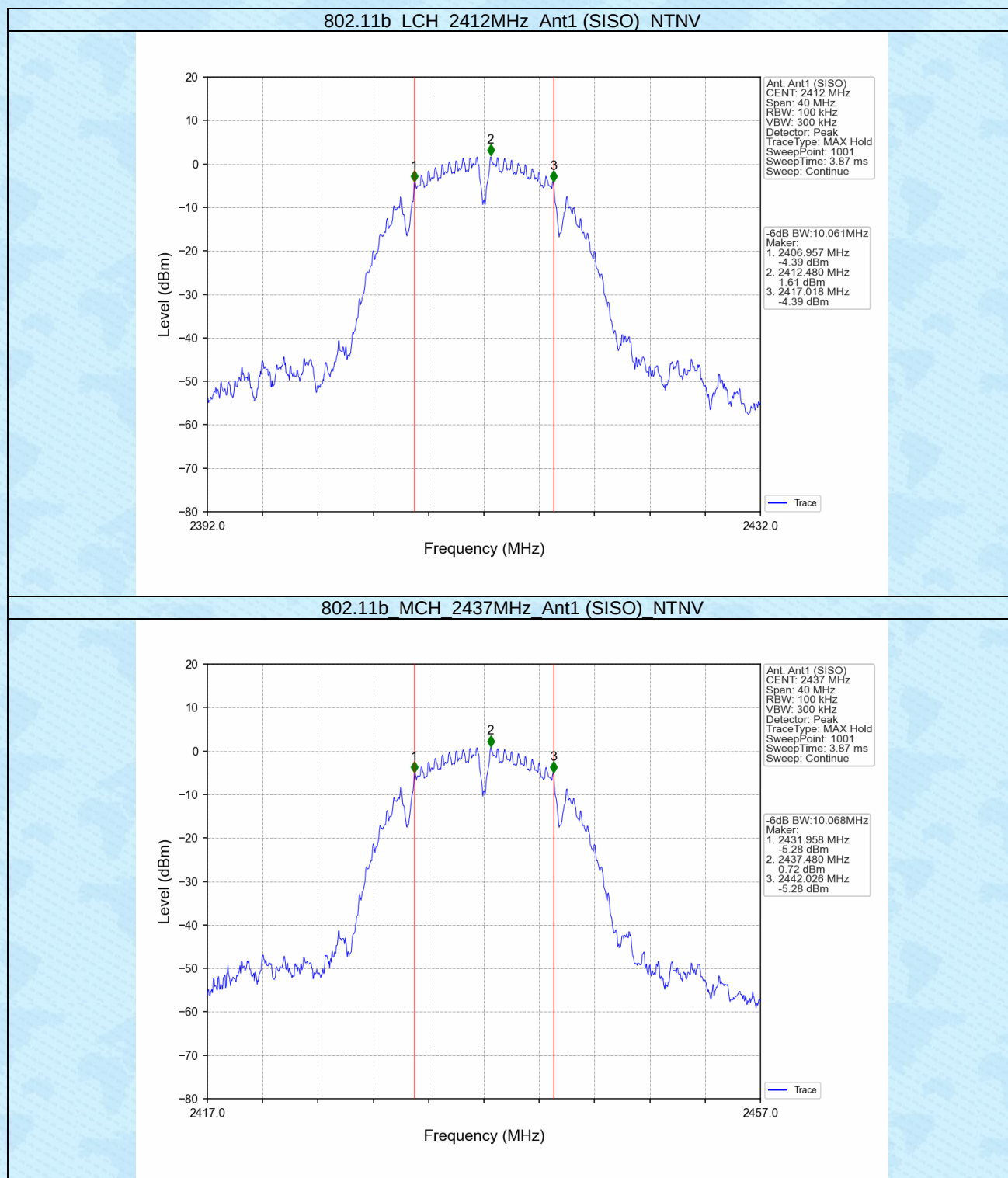


1.2 6dB BW

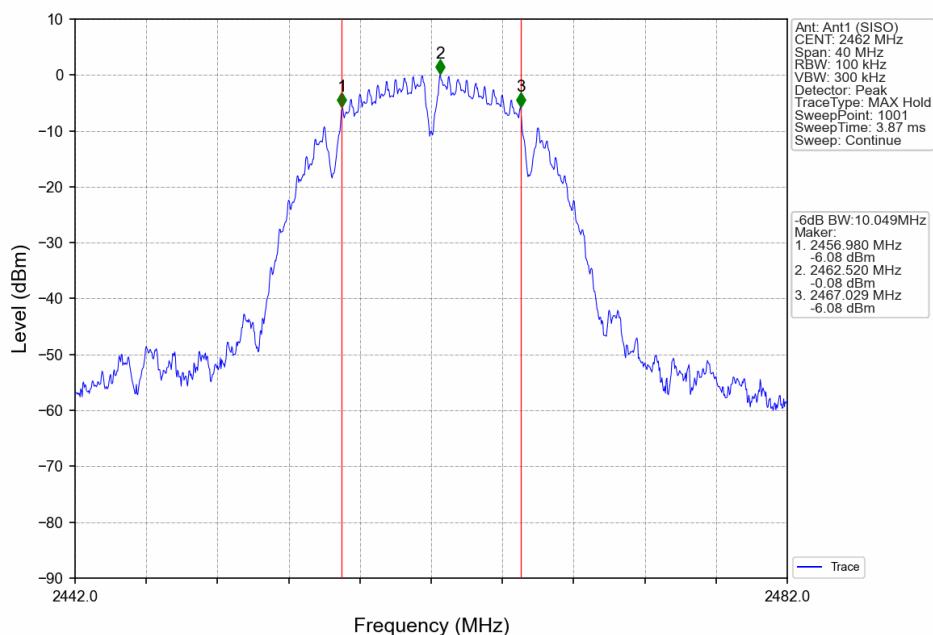
1.2.1 Test Result

Mode	TX Type	Frequency (MHz)	ANT	6dB Bandwidth (MHz)		Verdict
				Result	Limit	
802.11b	SISO	2412	1	10.061	≥ 0.5	Pass
		2437	1	10.068	≥ 0.5	Pass
		2462	1	10.049	≥ 0.5	Pass
802.11g	SISO	2412	1	16.493	≥ 0.5	Pass
		2437	1	16.505	≥ 0.5	Pass
		2462	1	16.504	≥ 0.5	Pass
802.11n (HT20)	SISO	2412	1	17.757	≥ 0.5	Pass
		2437	1	17.747	≥ 0.5	Pass
		2462	1	17.742	≥ 0.5	Pass
802.11n (HT40)	SISO	2422	1	36.432	≥ 0.5	Pass
		2437	1	36.415	≥ 0.5	Pass
		2452	1	36.398	≥ 0.5	Pass

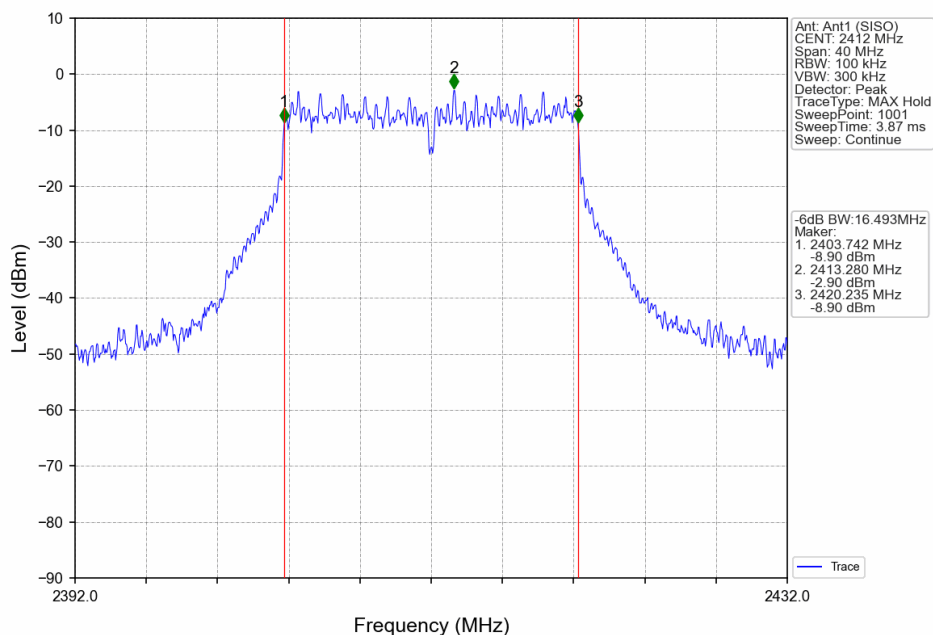
1.2.2 Test Graph



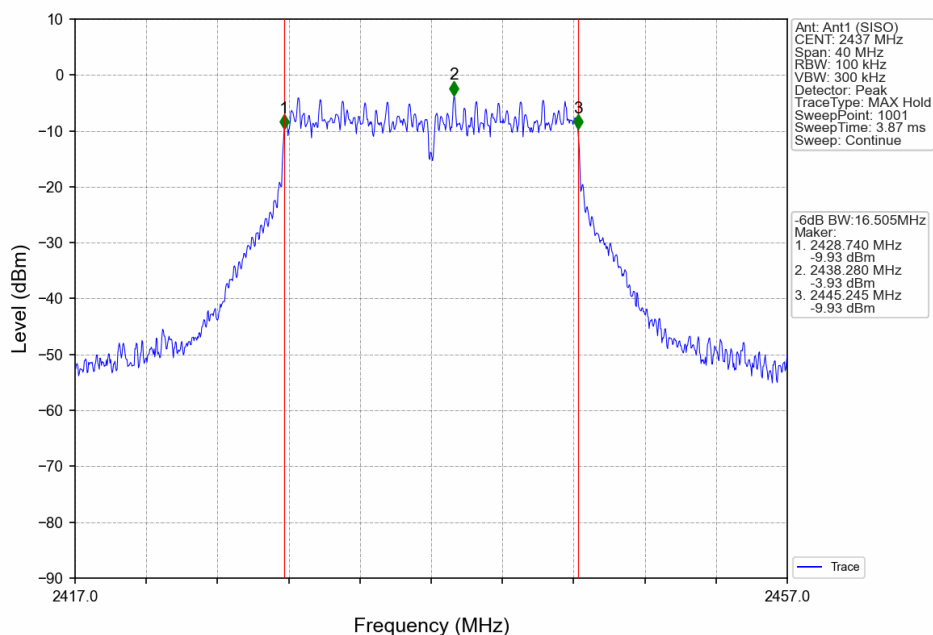
802.11b HCH 2462MHz Ant1 (SISO) NTNV



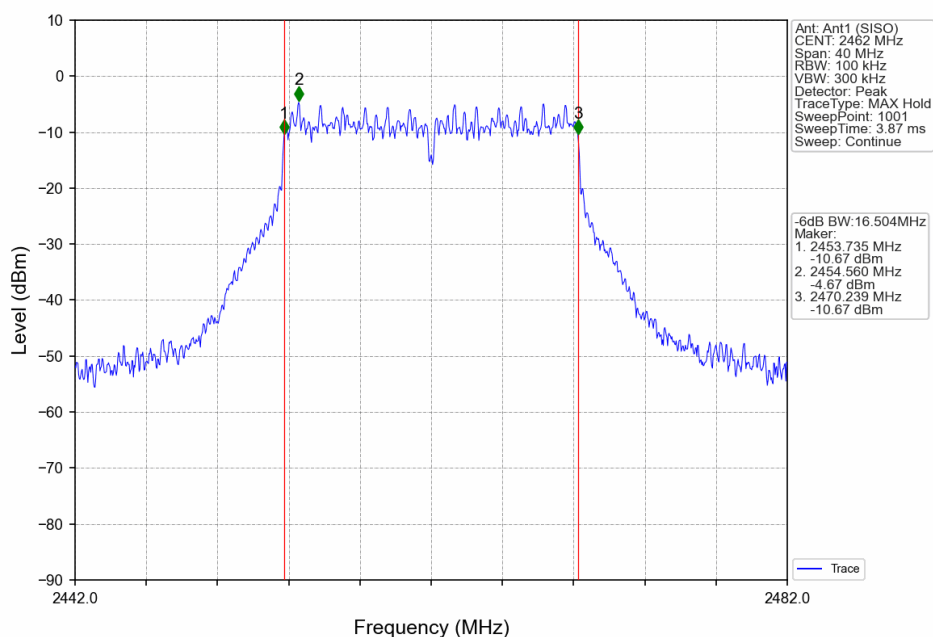
802.11g LCH 2412MHz Ant1 (SISO) NTNV



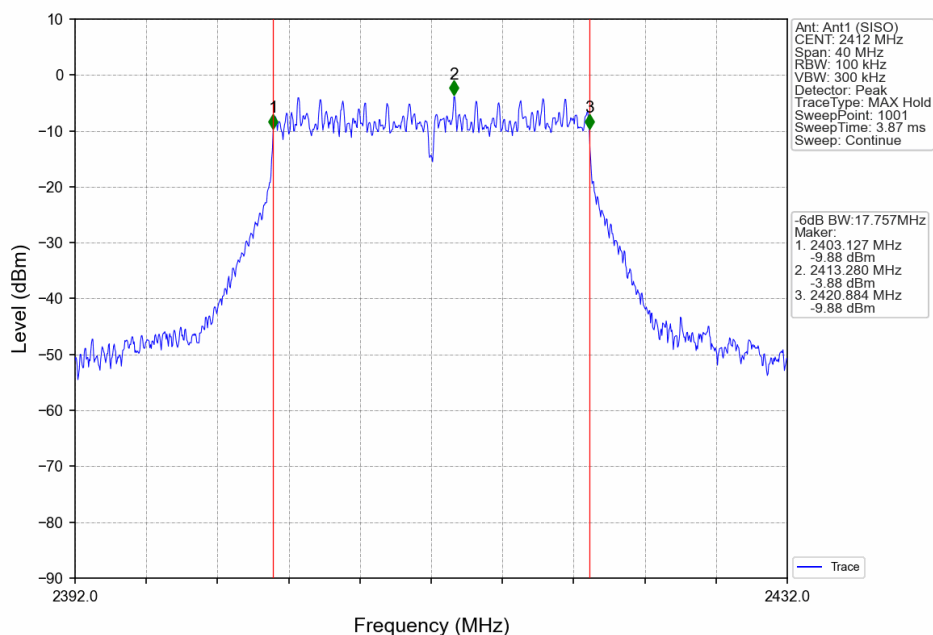
802.11g MCH 2437MHz Ant1 (SISO) NTNV



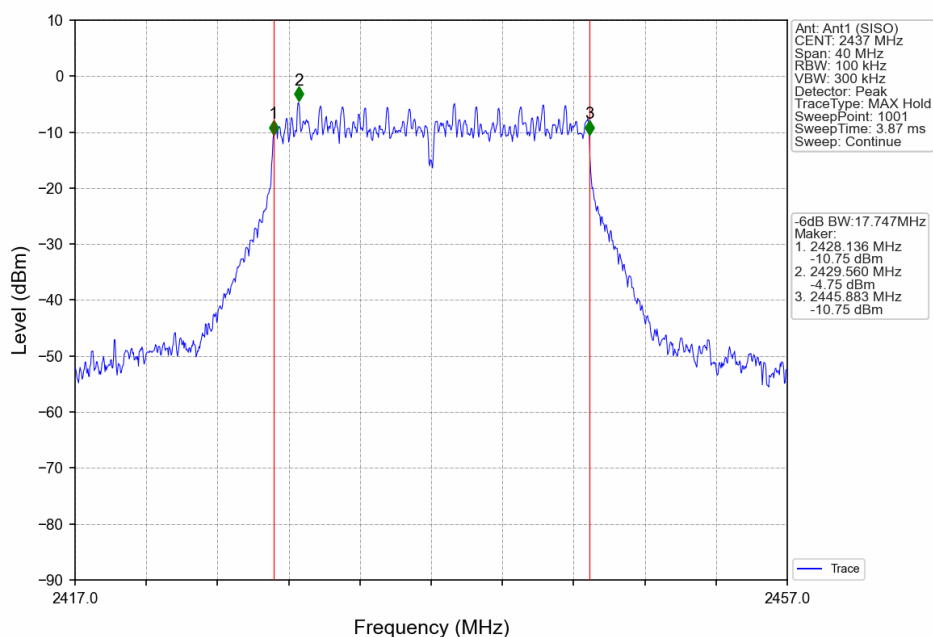
802.11g HCH 2462MHz Ant1 (SISO) NTNV



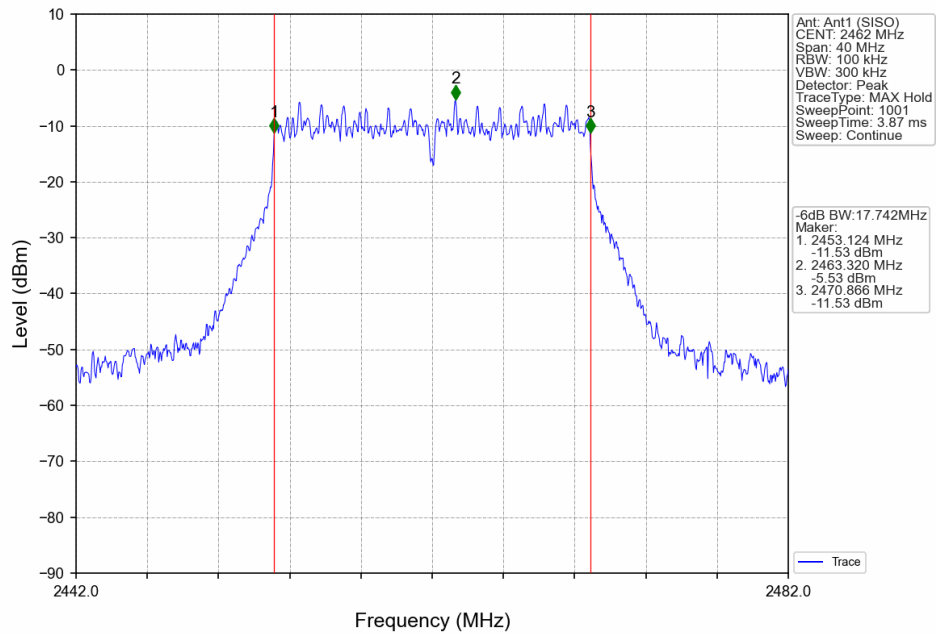
802.11n(HT20) LCH 2412MHz Ant1 (SISO) NTNV



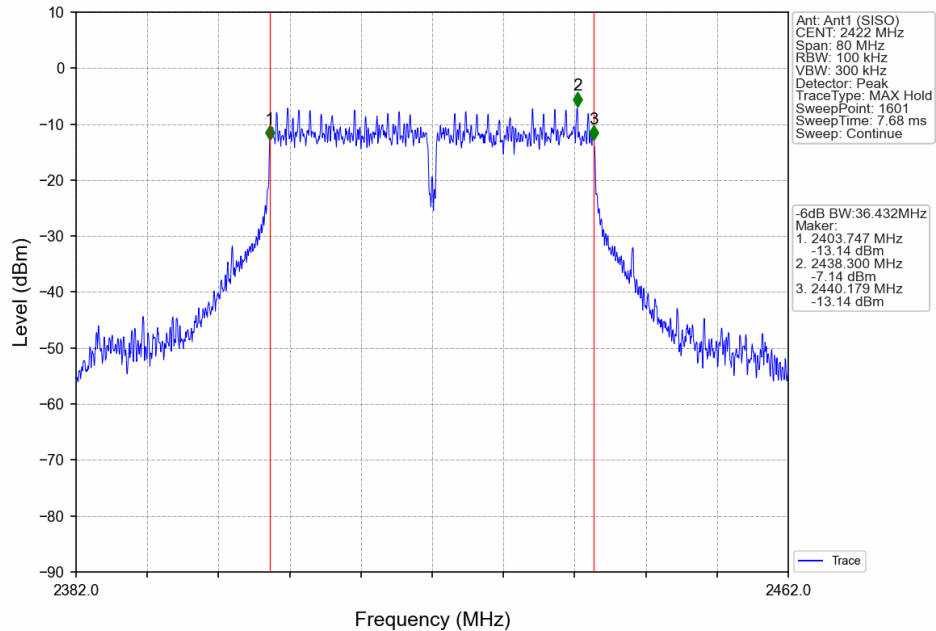
802.11n(HT20) MCH 2437MHz Ant1 (SISO) NTNV



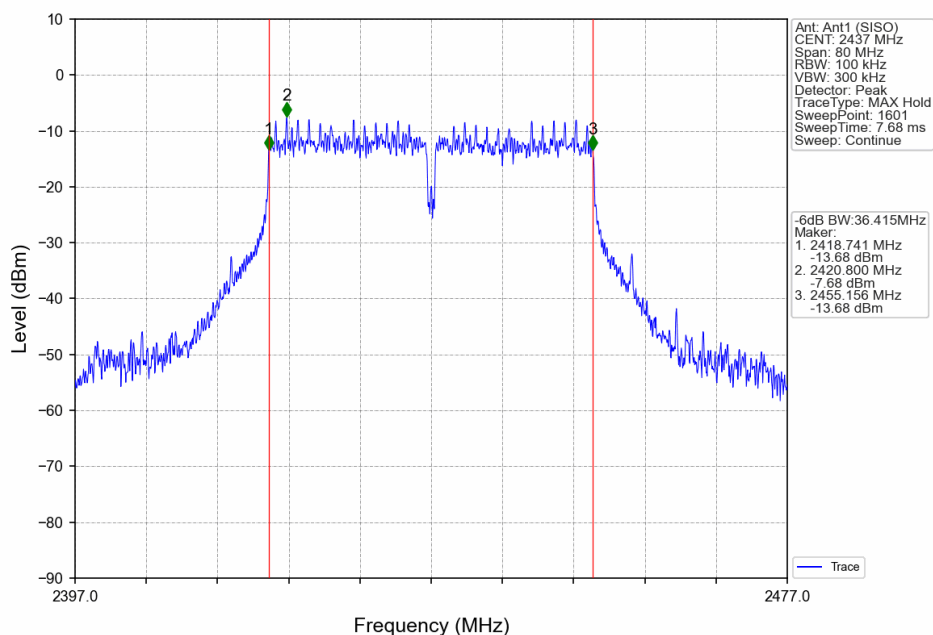
802.11n(HT20) HCH 2462MHz Ant1 (SISO) NTN



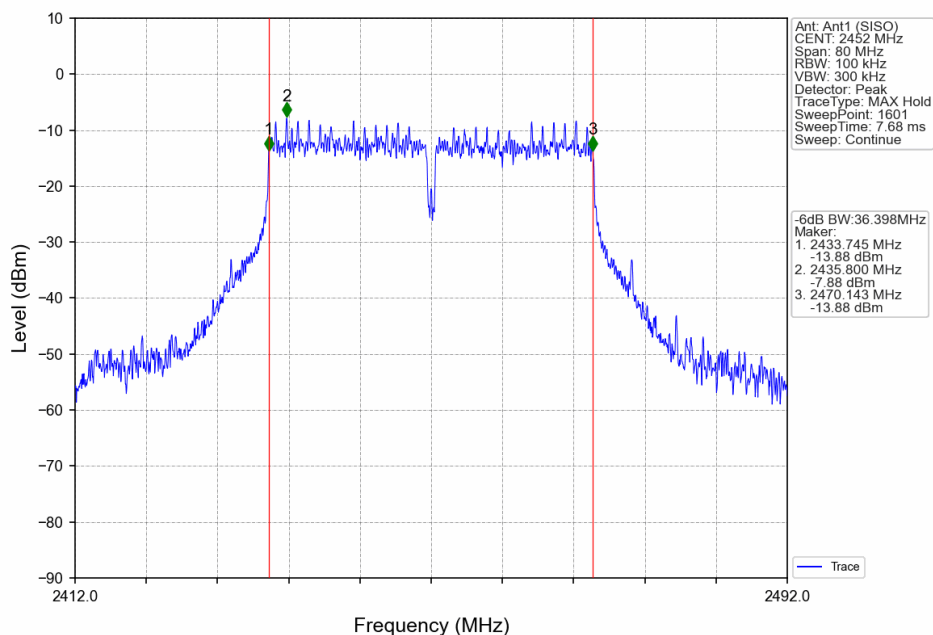
802.11n(HT40) LCH 2422MHz Ant1 (SISO) NTN



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



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



2. Maximum Conducted Output Power

2.1 Test Result

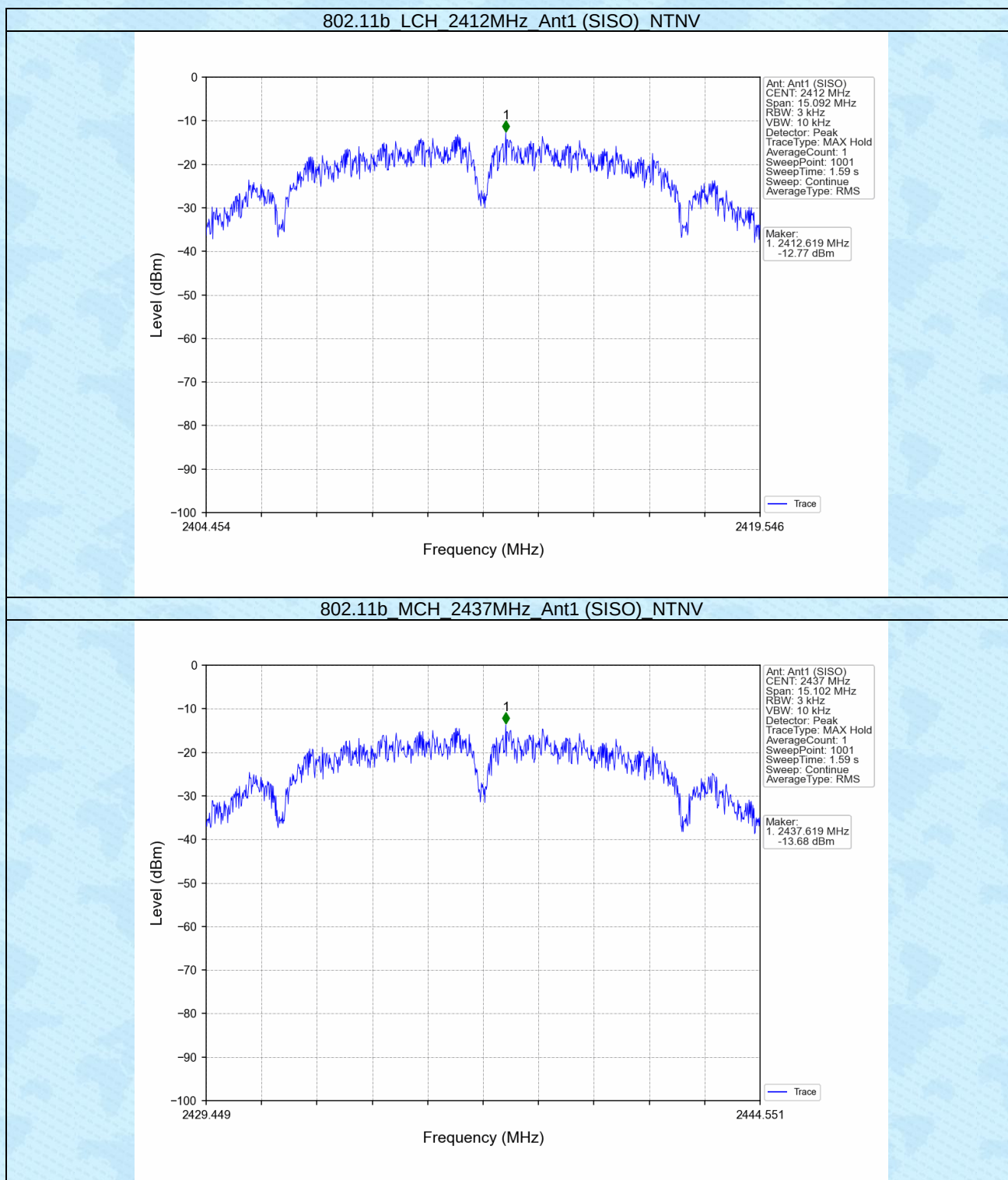
Mode	TX Type	Frequency (MHz)	Maximum Peak Conducted Output Power (dBm)		Verdict
			ANT1	Limit	
802.11b	SISO	2412	14.01	≤ 30	Pass
		2437	13.08	≤ 30	Pass
		2462	12.29	≤ 30	Pass
802.11g	SISO	2412	15.44	≤ 30	Pass
		2437	14.43	≤ 30	Pass
		2462	13.81	≤ 30	Pass
802.11n (HT20)	SISO	2412	14.35	≤ 30	Pass
		2437	13.57	≤ 30	Pass
		2462	12.86	≤ 30	Pass
802.11n (HT40)	SISO	2422	14.33	≤ 30	Pass
		2437	13.77	≤ 30	Pass
		2452	13.34	≤ 30	Pass

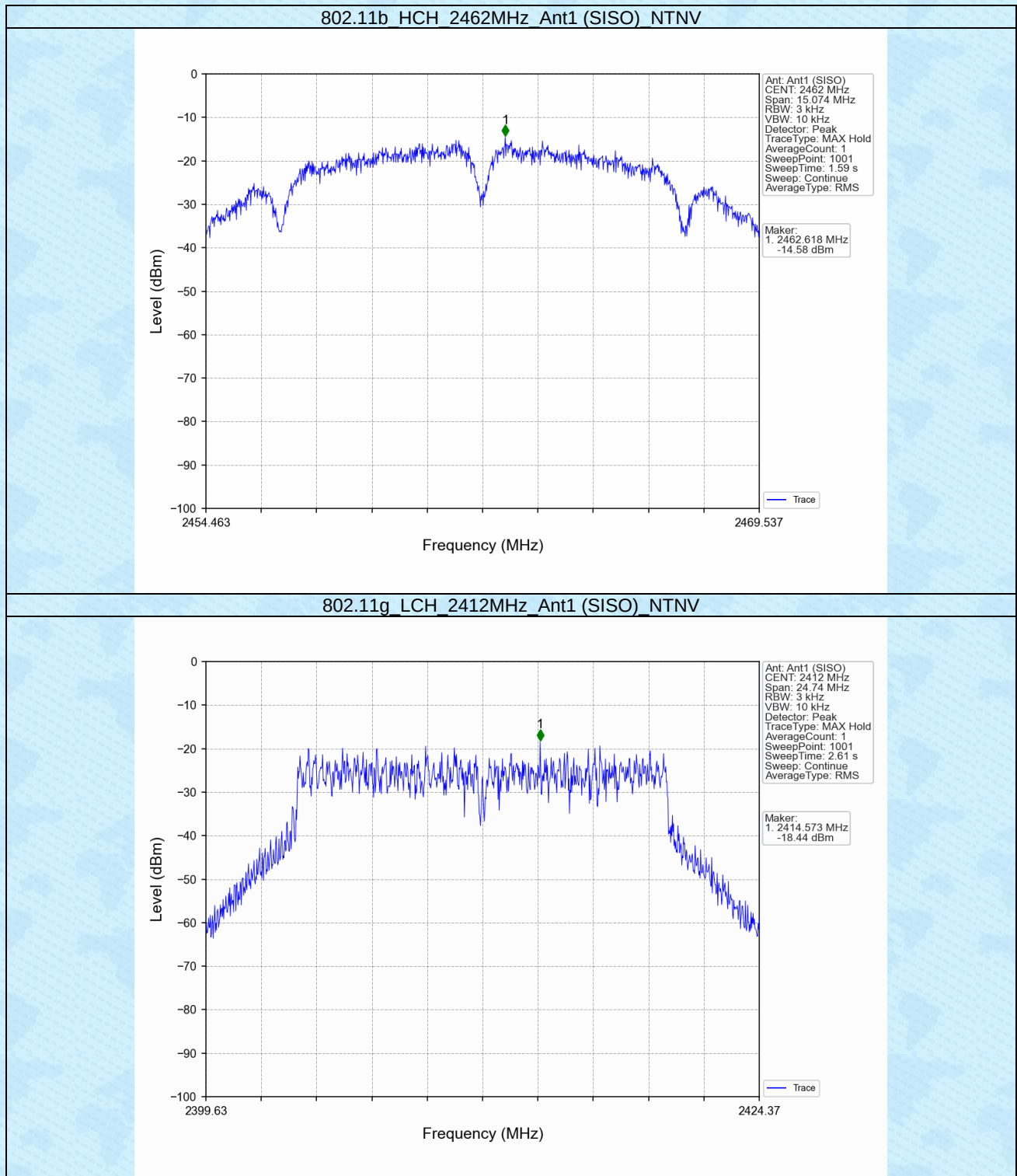
3. Maximum Power Spectral Density

3.1 Test Result

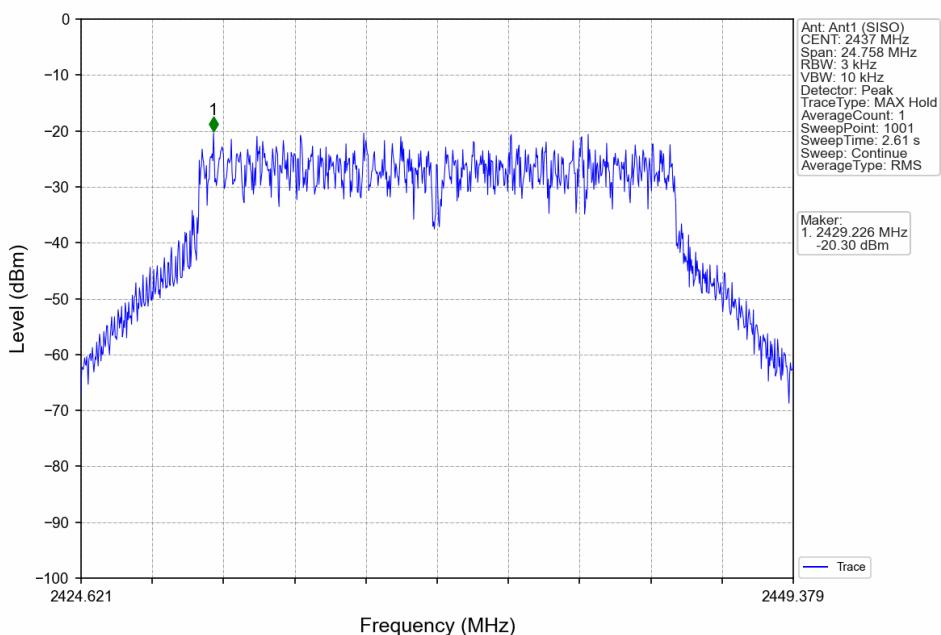
Mode	TX Type	Frequency (MHz)	Maximum PSD (dBm/3kHz)		Verdict
			ANT1	Limit	
802.11b	SISO	2412	-12.77	<=8	Pass
		2437	-13.68	<=8	Pass
		2462	-14.58	<=8	Pass
802.11g	SISO	2412	-18.44	<=8	Pass
		2437	-20.30	<=8	Pass
		2462	-20.15	<=8	Pass
802.11n (HT20)	SISO	2412	-19.93	<=8	Pass
		2437	-20.51	<=8	Pass
		2462	-20.93	<=8	Pass
802.11n (HT40)	SISO	2422	-22.74	<=8	Pass
		2437	-21.62	<=8	Pass
		2452	-22.54	<=8	Pass

3.2 Test Graph

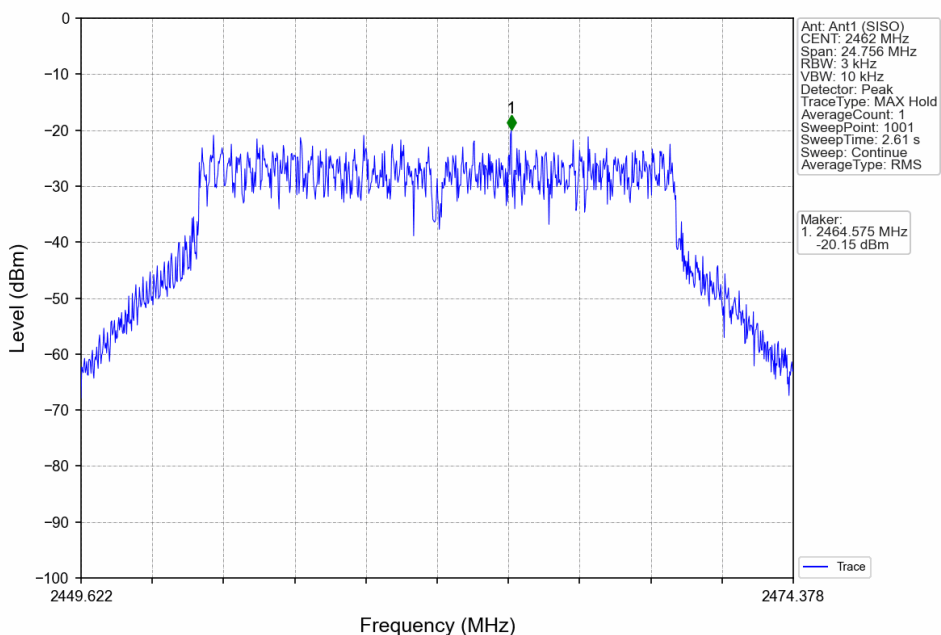




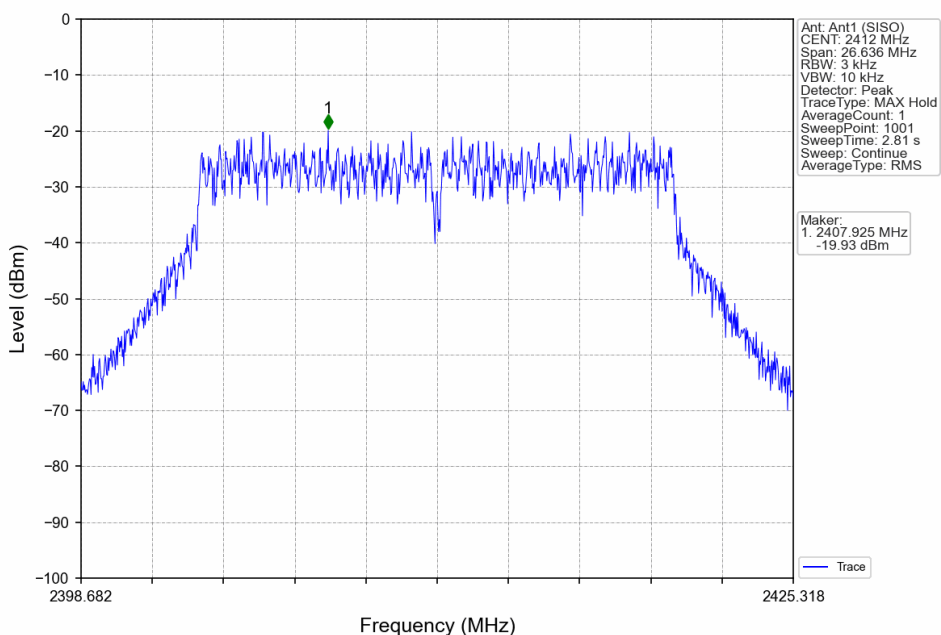
802.11g MCH 2437MHz Ant1 (SISO) NTNV



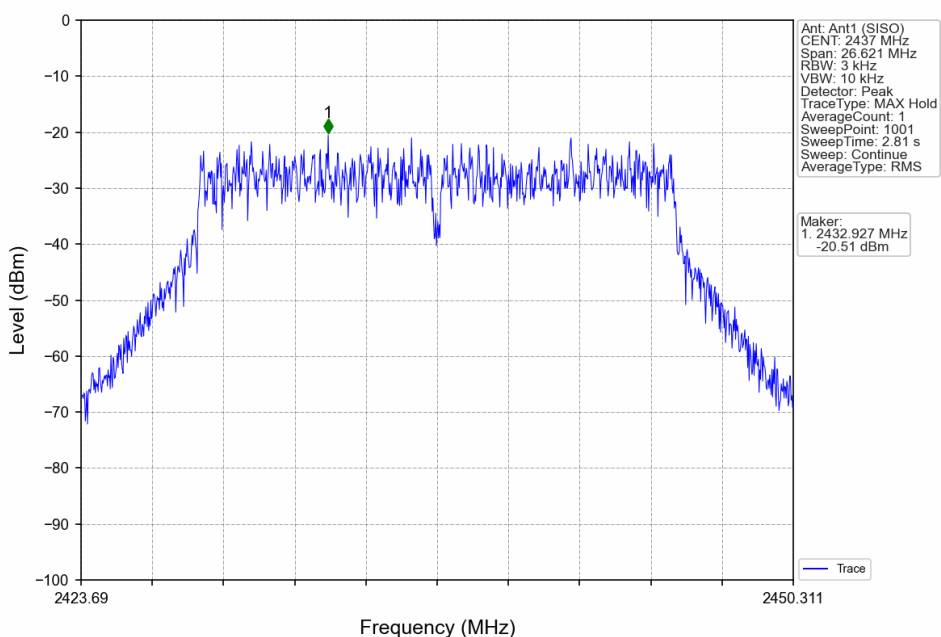
802.11g HCH 2462MHz Ant1 (SISO) NTNV



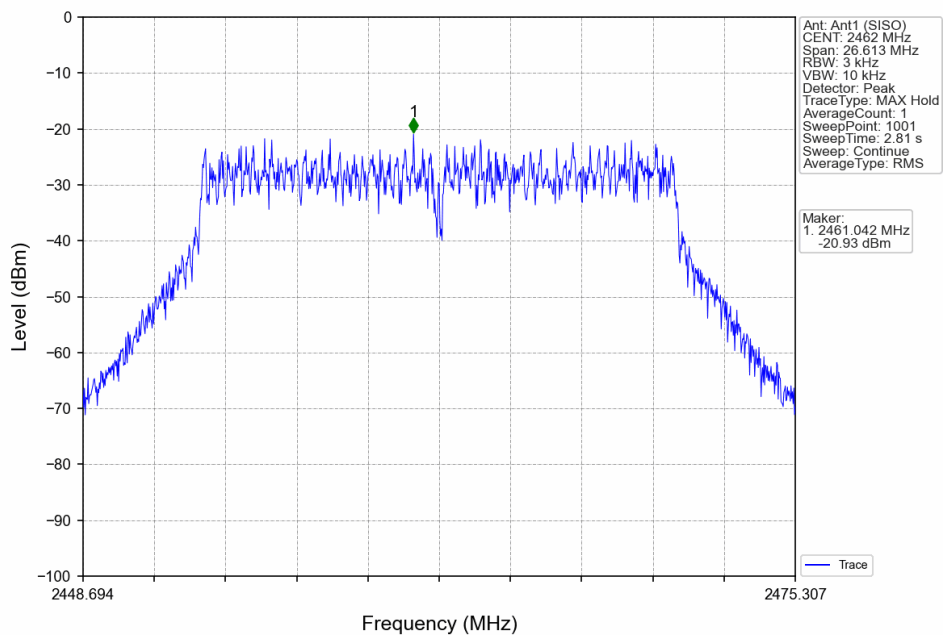
802.11n(HT20) LCH 2412MHz Ant1 (SISO) NTNV



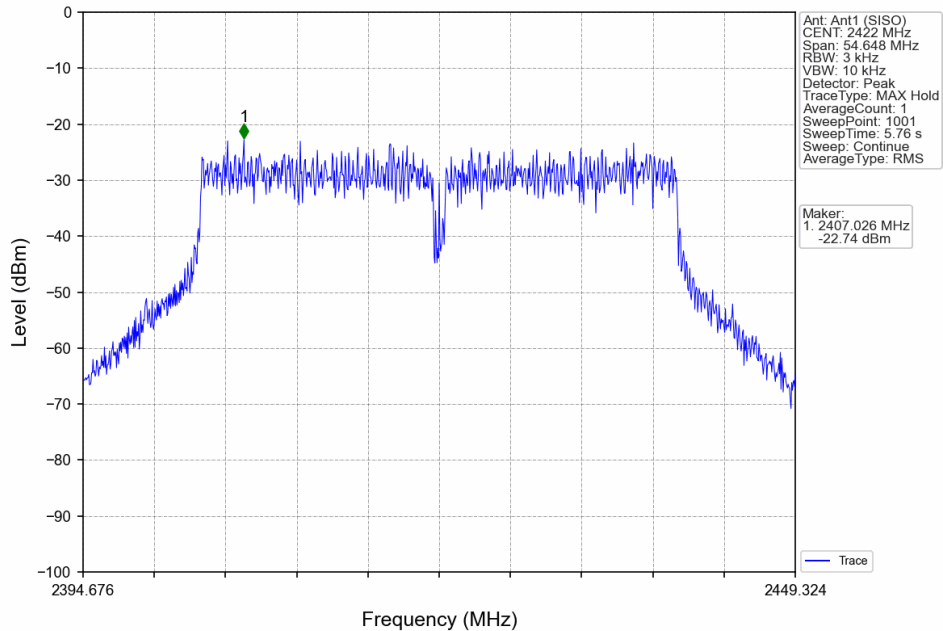
802.11n(HT20) MCH 2437MHz Ant1 (SISO) NTNV



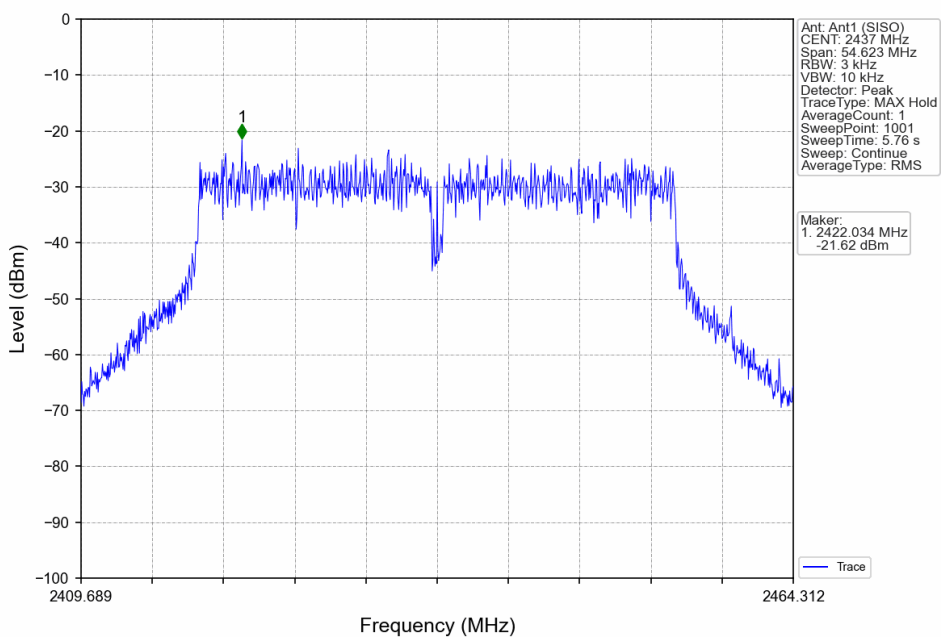
802.11n(HT20) HCH 2462MHz Ant1 (SISO) NTNV



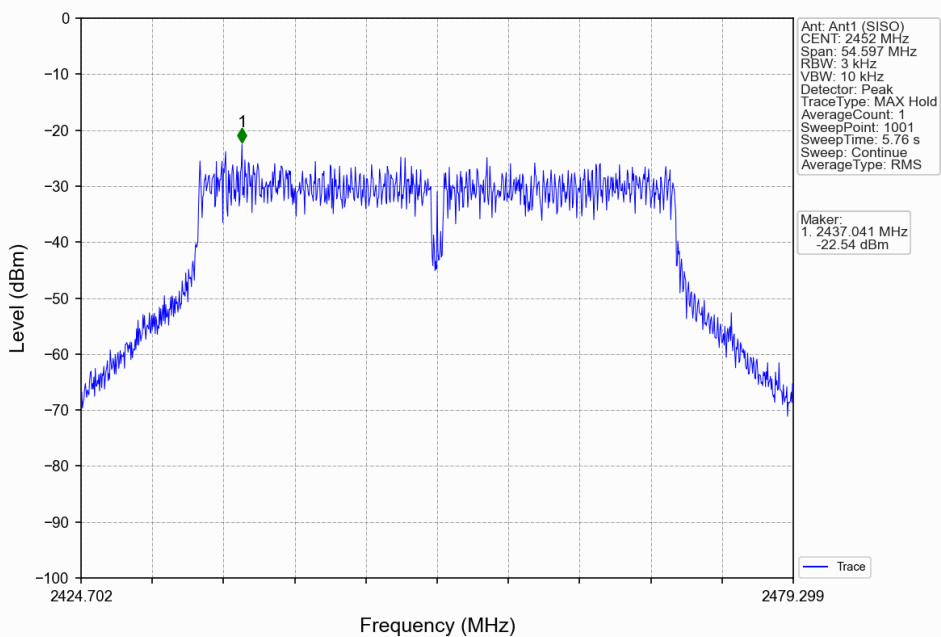
802.11n(HT40) LCH 2422MHz Ant1 (SISO) NTNV



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



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



4. Unwanted Emissions In Non-restricted Frequency Bands

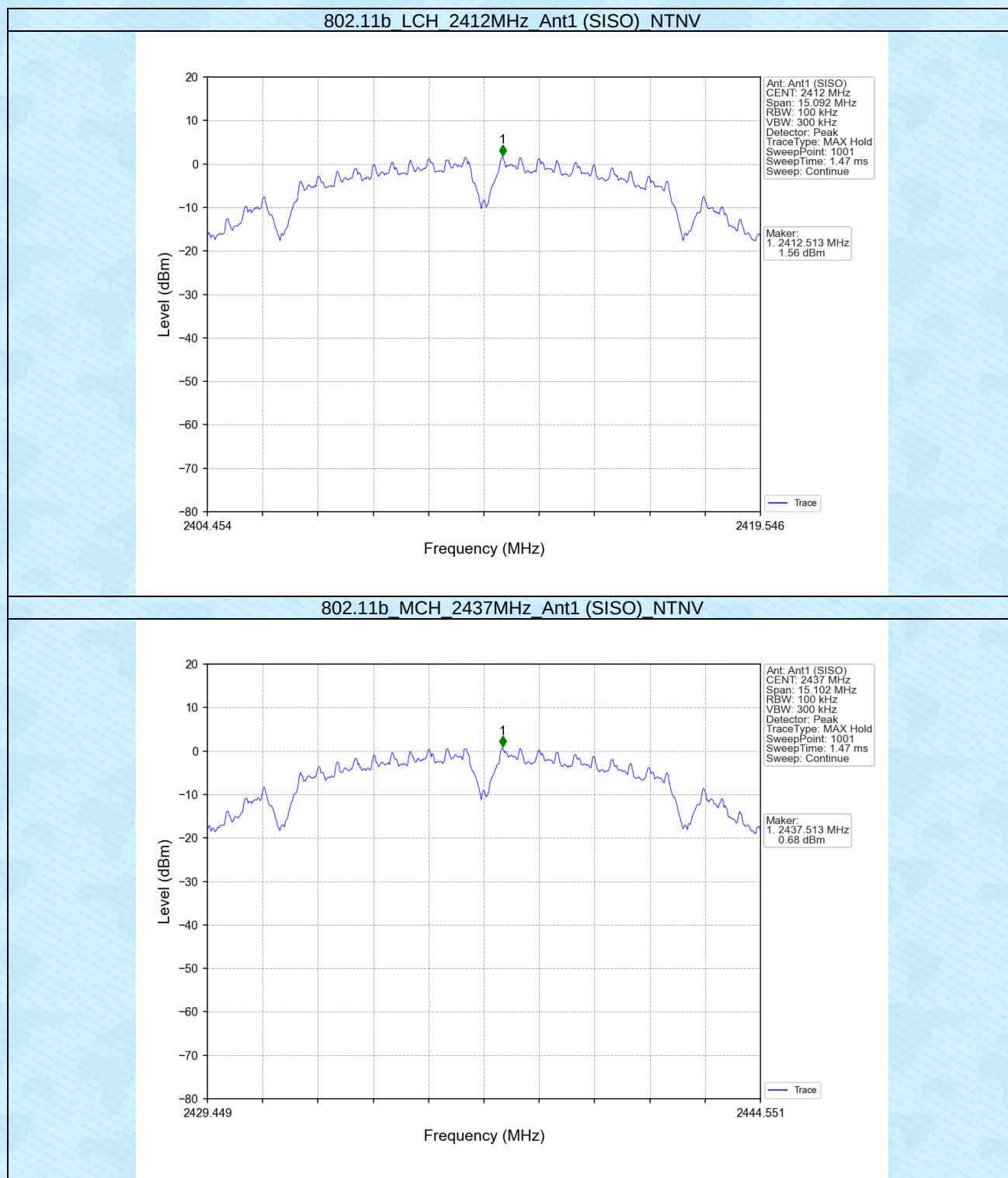
4.1 Ref

4.1.1 Test Result

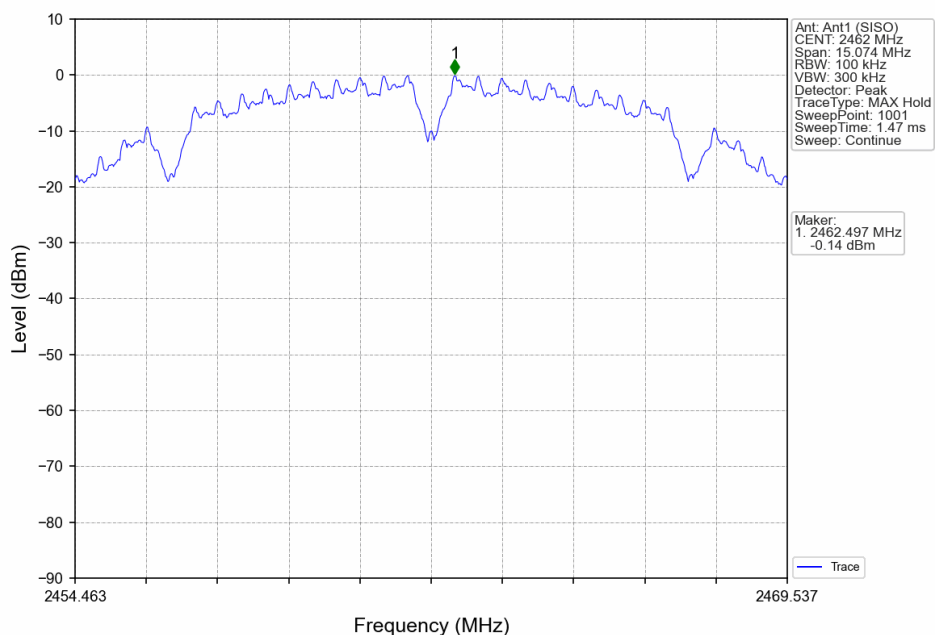
Mode	TX Type	Frequency (MHz)	ANT	Level of Reference (dBm)
802.11b	SISO	2412	1	1.56
		2437	1	0.68
		2462	1	-0.14
802.11g	SISO	2412	1	-2.89
		2437	1	-3.90
		2462	1	-4.74
802.11n (HT20)	SISO	2412	1	-3.98
		2437	1	-4.69
		2462	1	-5.60
802.11n (HT40)	SISO	2422	1	-7.36
		2437	1	-7.65
		2452	1	-8.40

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.

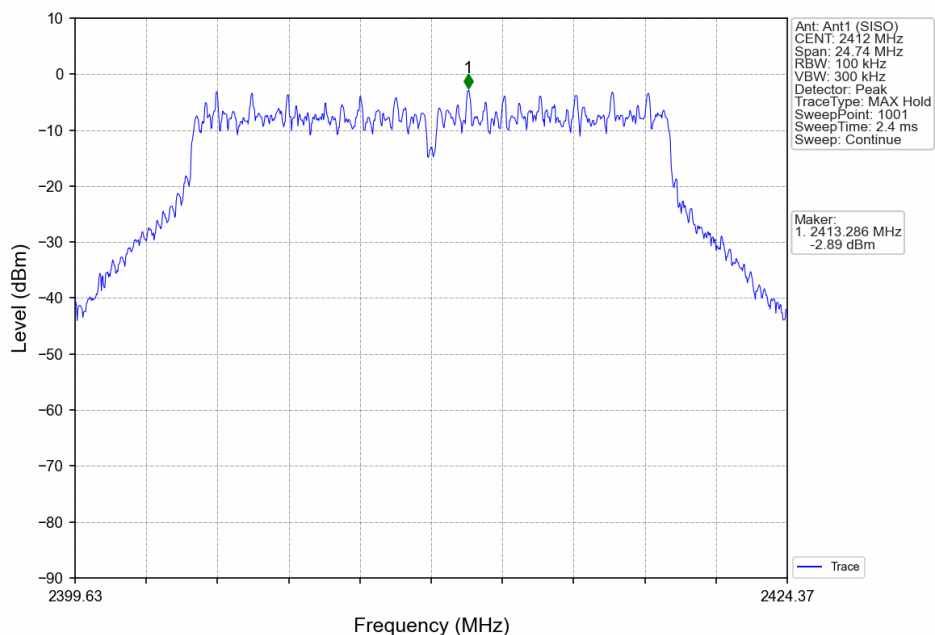
4.1.2 Test Graph



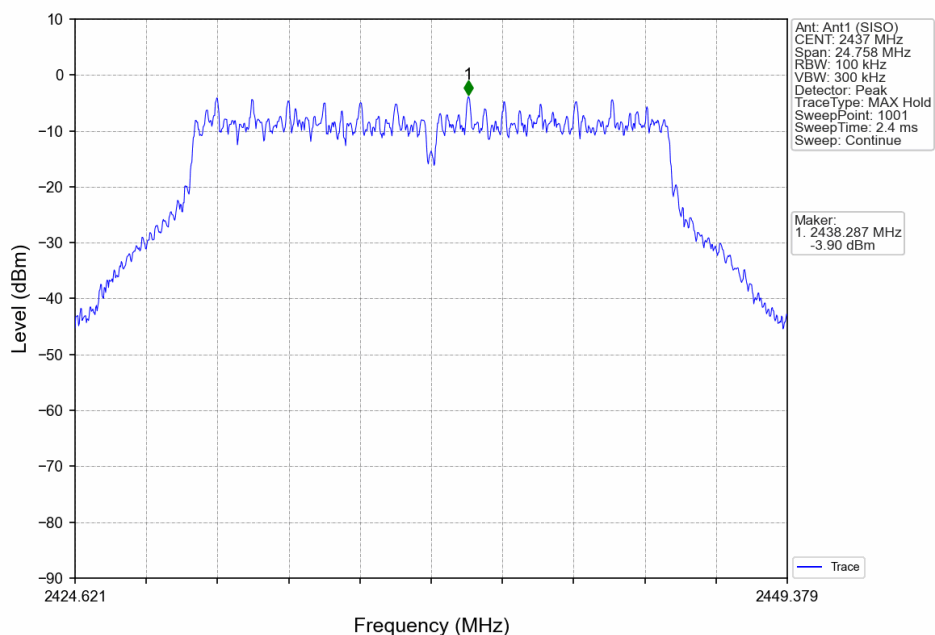
802.11b HCH 2462MHz Ant1 (SISO) NTNV



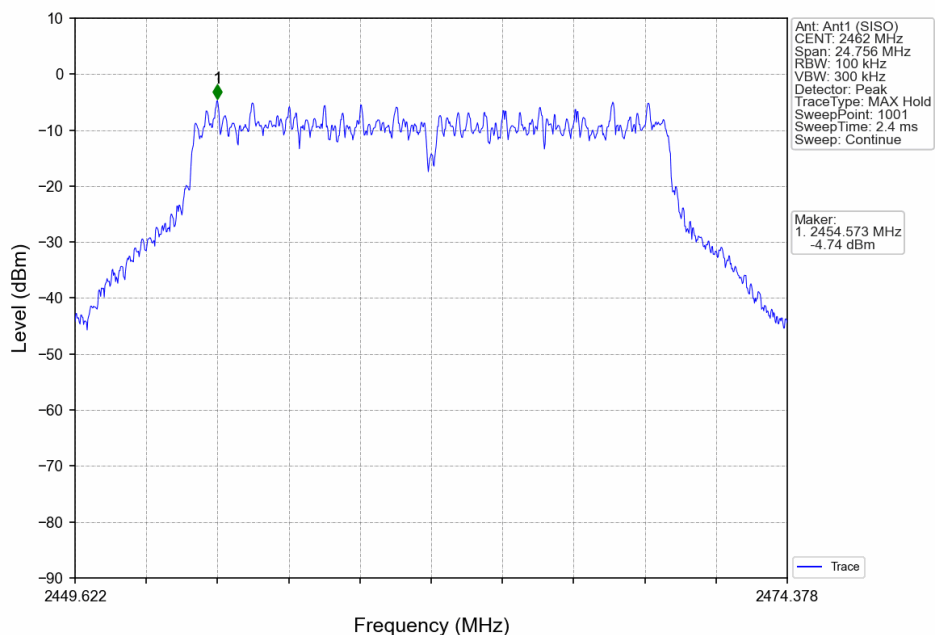
802.11g LCH 2412MHz Ant1 (SISO) NTNV



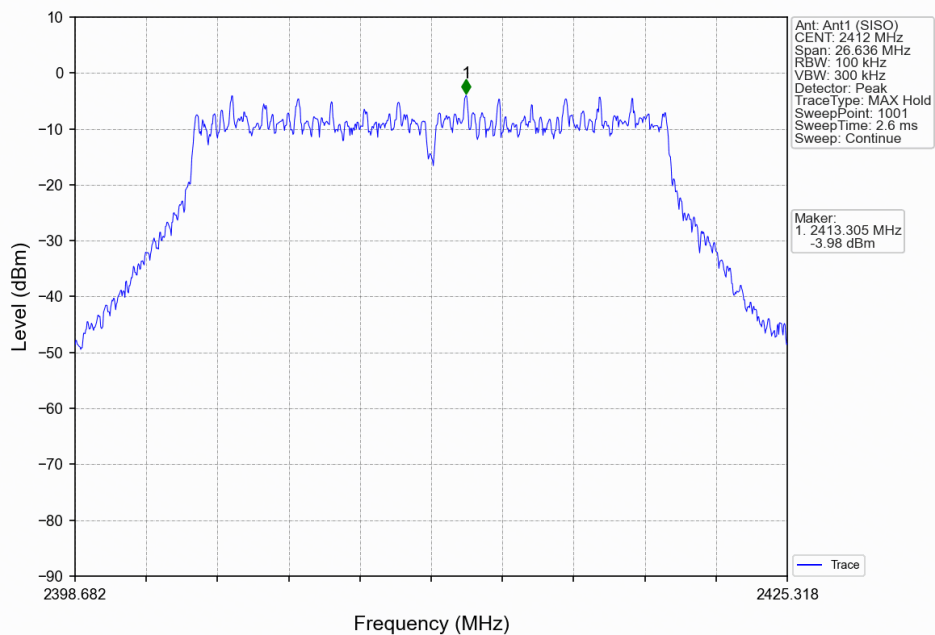
802.11g MCH 2437MHz Ant1 (SISO) NTNV



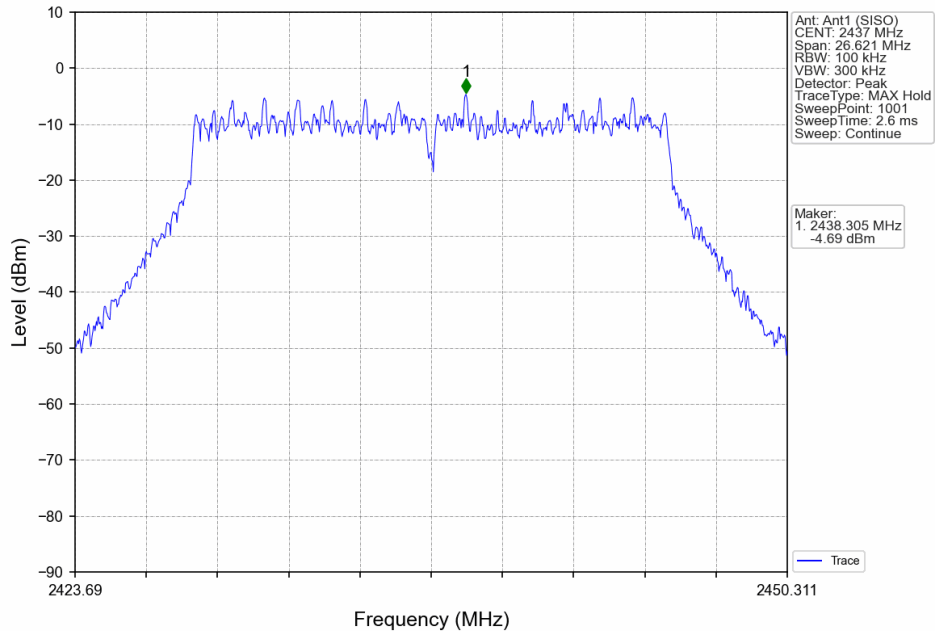
802.11g HCH 2462MHz Ant1 (SISO) NTNV



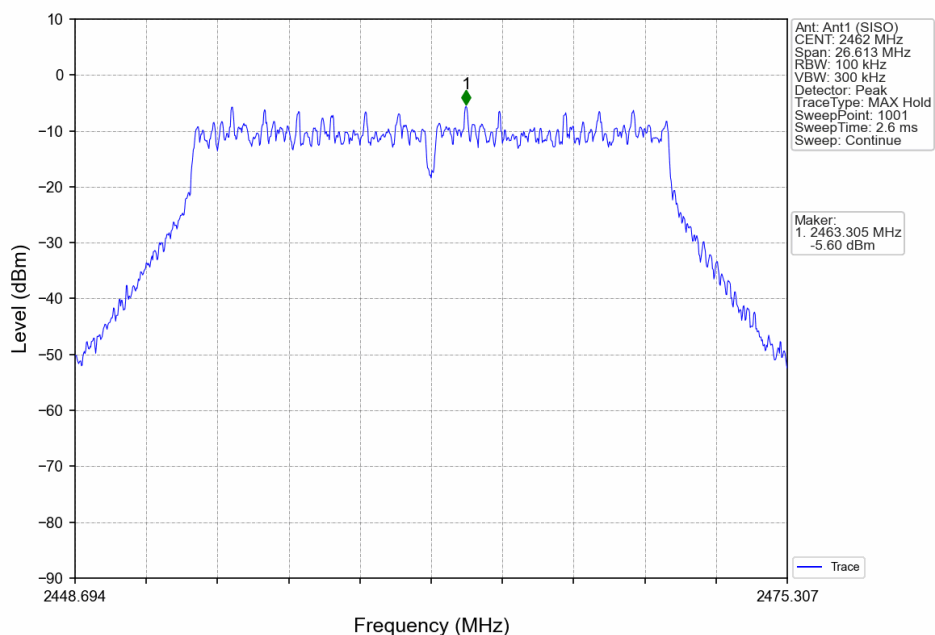
802.11n(HT20) LCH 2412MHz Ant1 (SISO) NTN



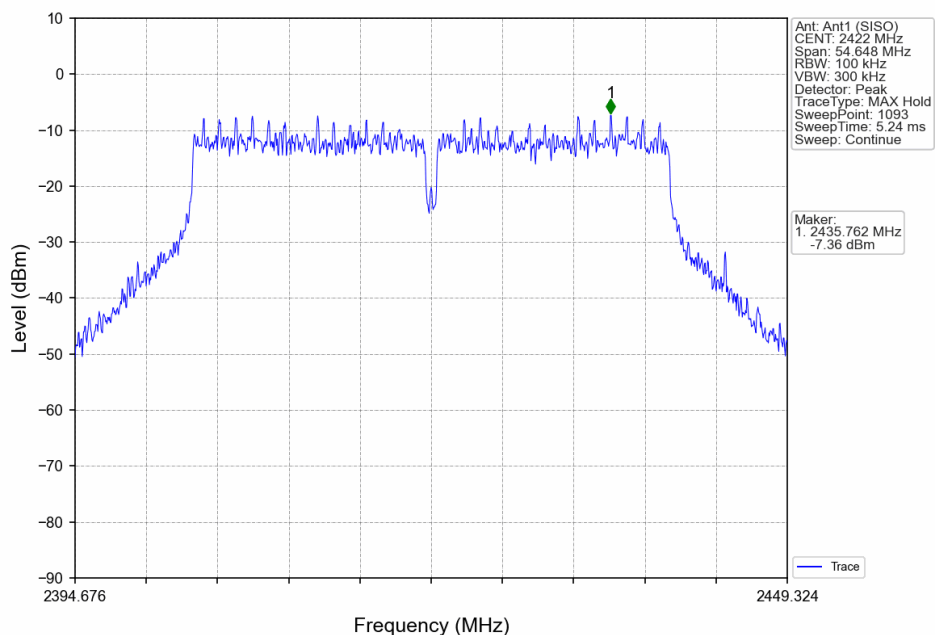
802.11n(HT20) MCH 2437MHz Ant1 (SISO) NTN



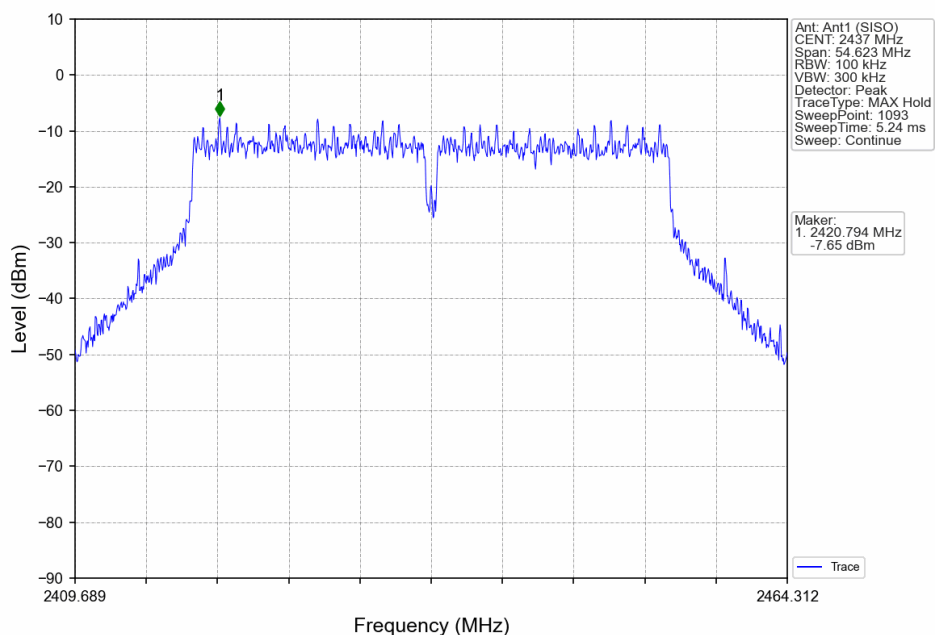
802.11n(HT20) HCH 2462MHz Ant1 (SISO) NTN



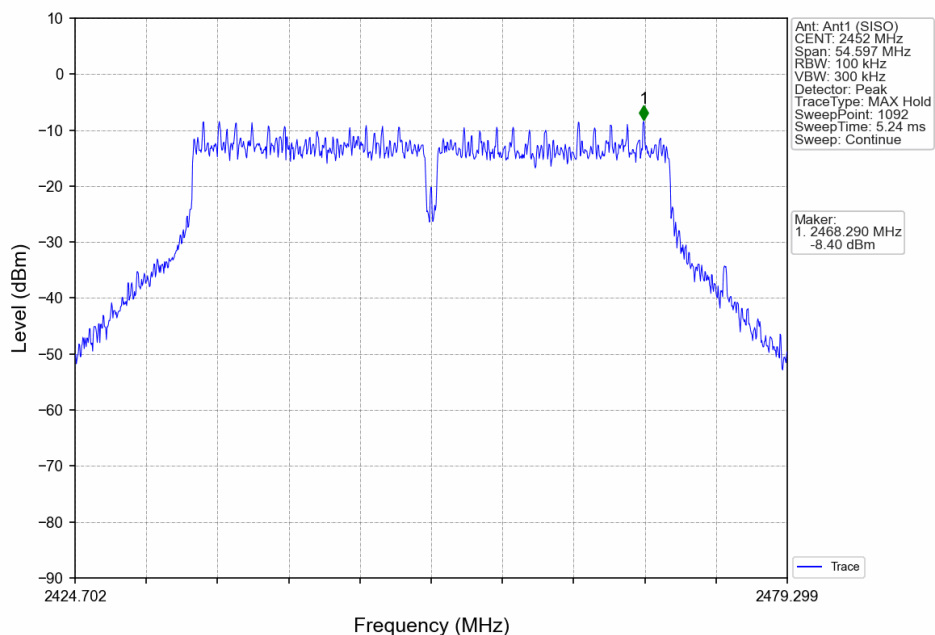
802.11n(HT40) LCH 2422MHz Ant1 (SISO) NTN



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



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



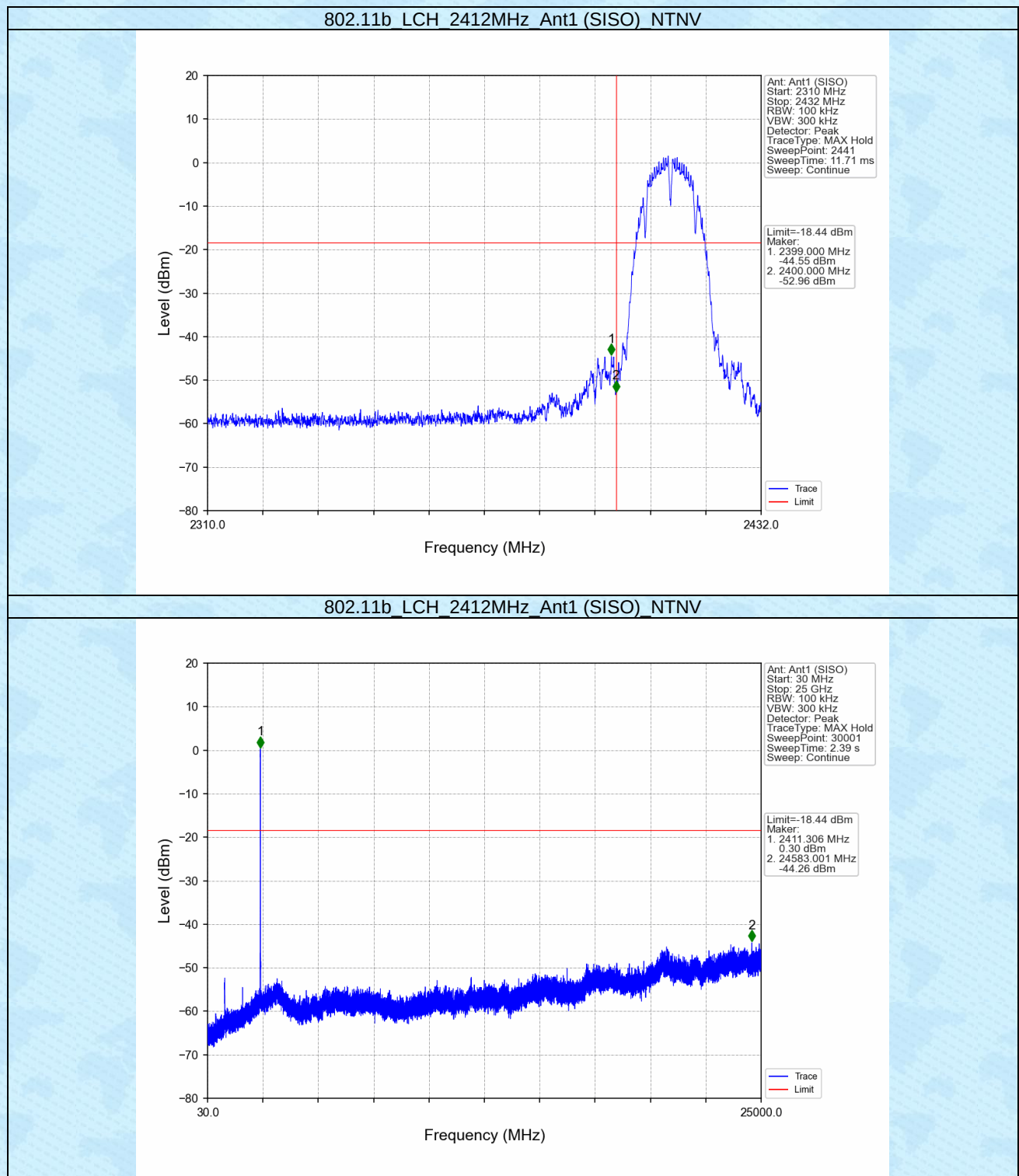
4.2 CSE

4.2.1 Test Result

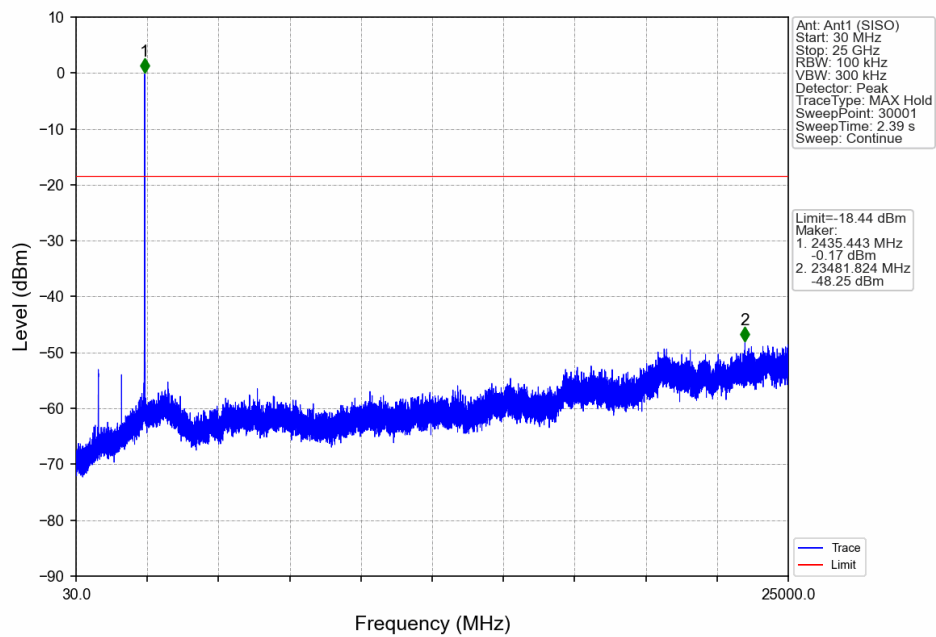
Mode	TX Type	Frequency (MHz)	ANT	Level of Reference (dBm)	Limit (dBm)	Verdict
802.11b	SISO	2412	1	1.56	-18.44	Pass
		2437	1	1.56	-18.44	Pass
		2462	1	1.56	-18.44	Pass
802.11g	SISO	2412	1	-2.89	-22.89	Pass
		2437	1	-2.89	-22.89	Pass
		2462	1	-2.89	-22.89	Pass
802.11n (HT20)	SISO	2412	1	-3.98	-23.98	Pass
		2437	1	-3.98	-23.98	Pass
		2462	1	-3.98	-23.98	Pass
802.11n (HT40)	SISO	2422	1	-7.36	-27.36	Pass
		2437	1	-7.36	-27.36	Pass
		2452	1	-7.36	-27.36	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.

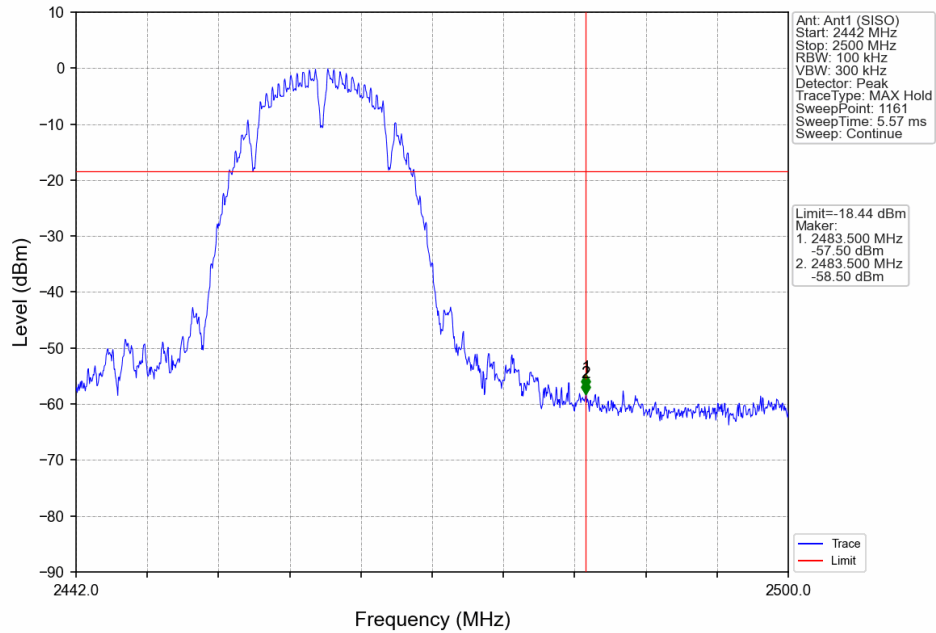
4.2.2 Test Graph



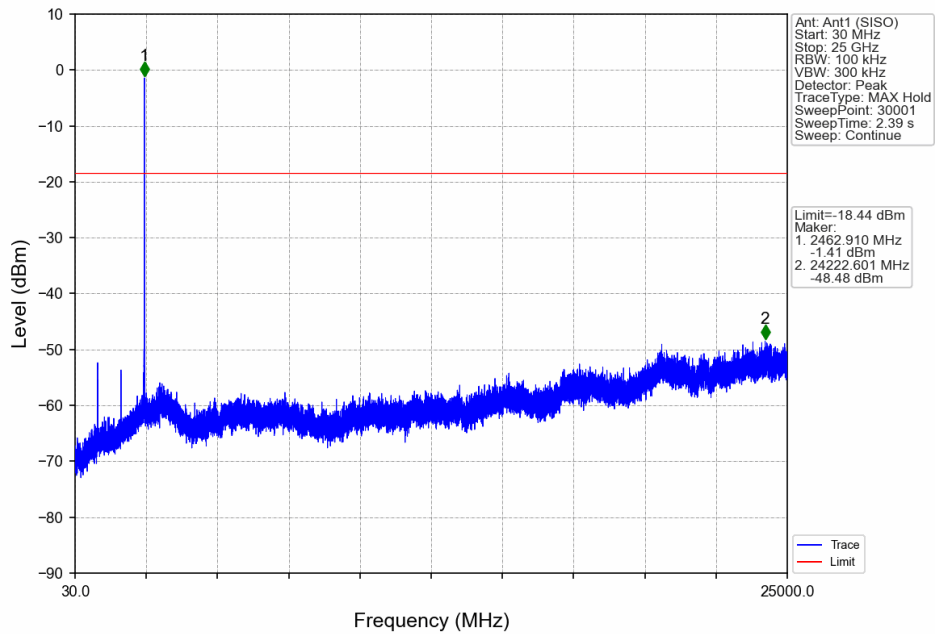
802.11b MCH 2437MHz Ant1 (SISO) NTNV



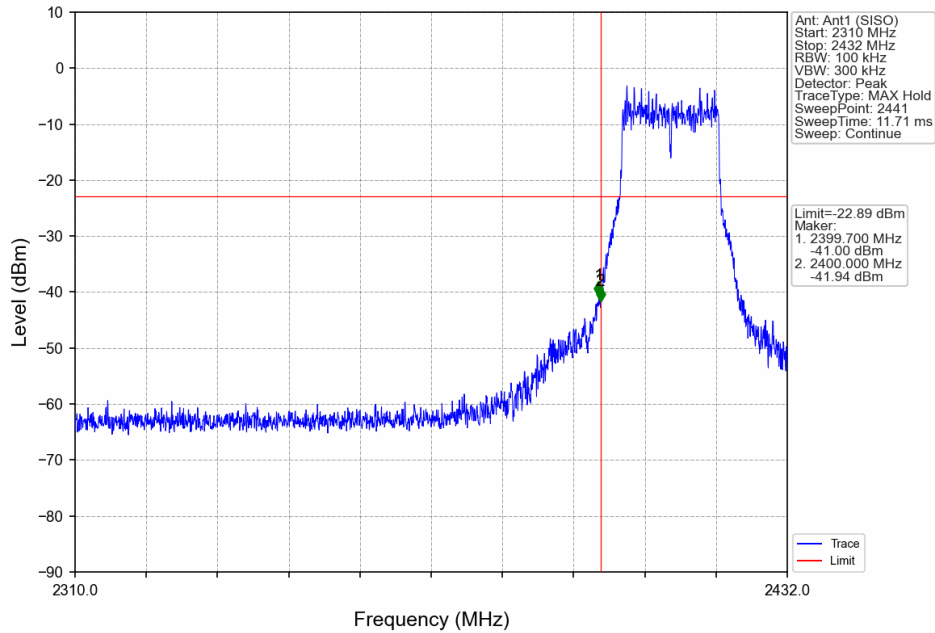
802.11b HCH 2462MHz Ant1 (SISO) NTNV



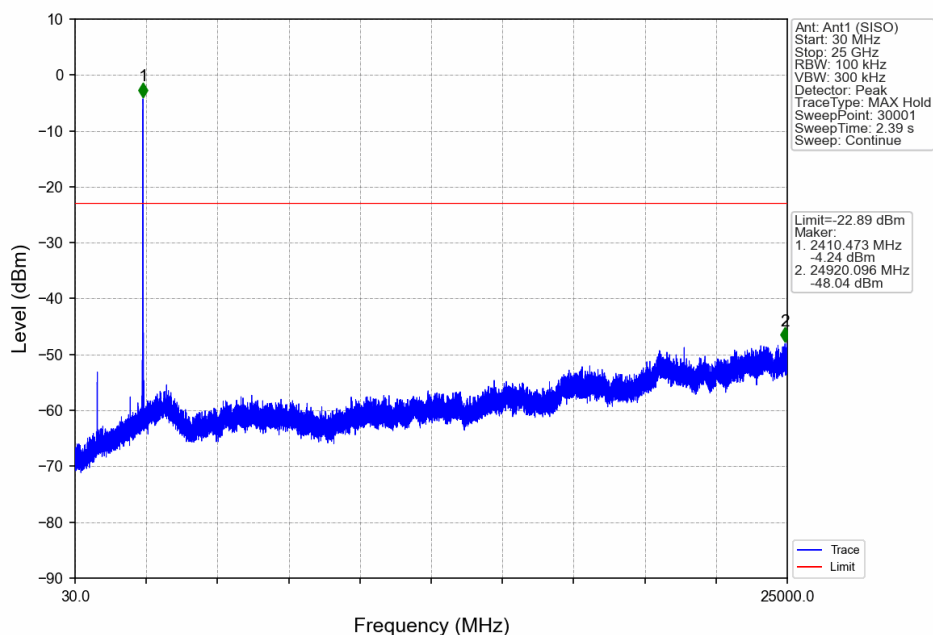
802.11b HCH 2462MHz Ant1 (SISO) NTNV



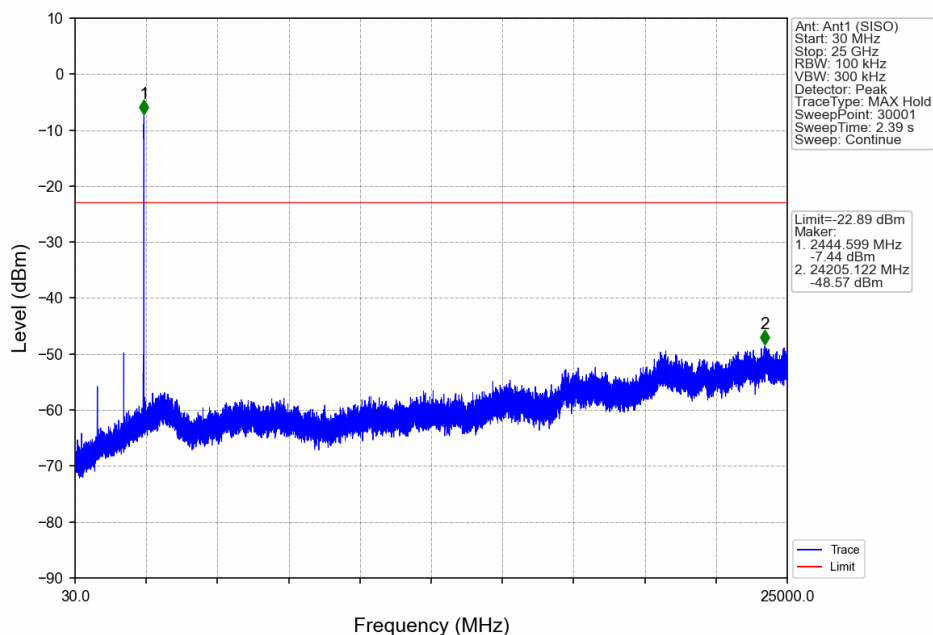
802.11g LCH 2412MHz Ant1 (SISO) NTNV



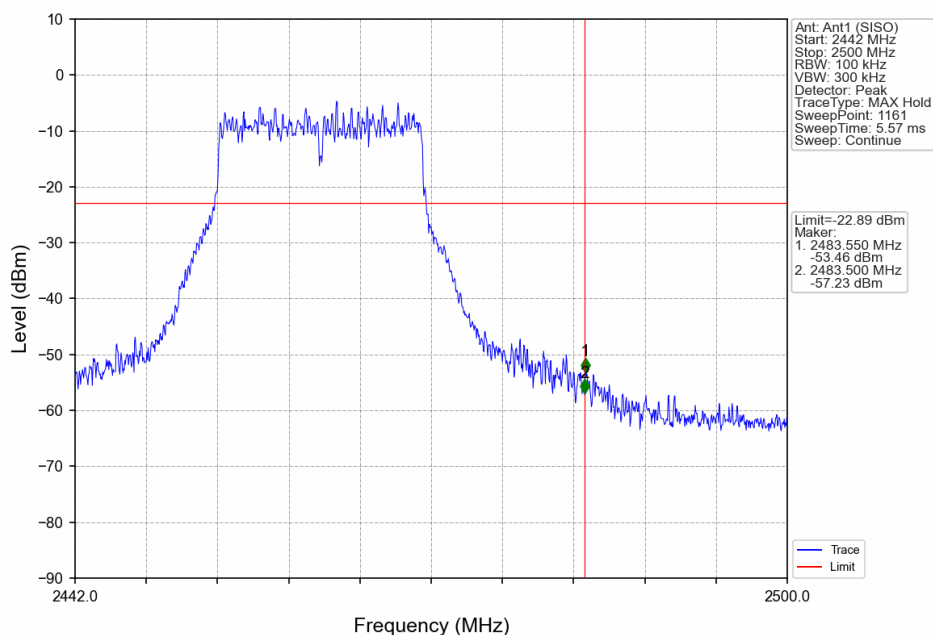
802.11g LCH 2412MHz Ant1 (SISO) NTNV



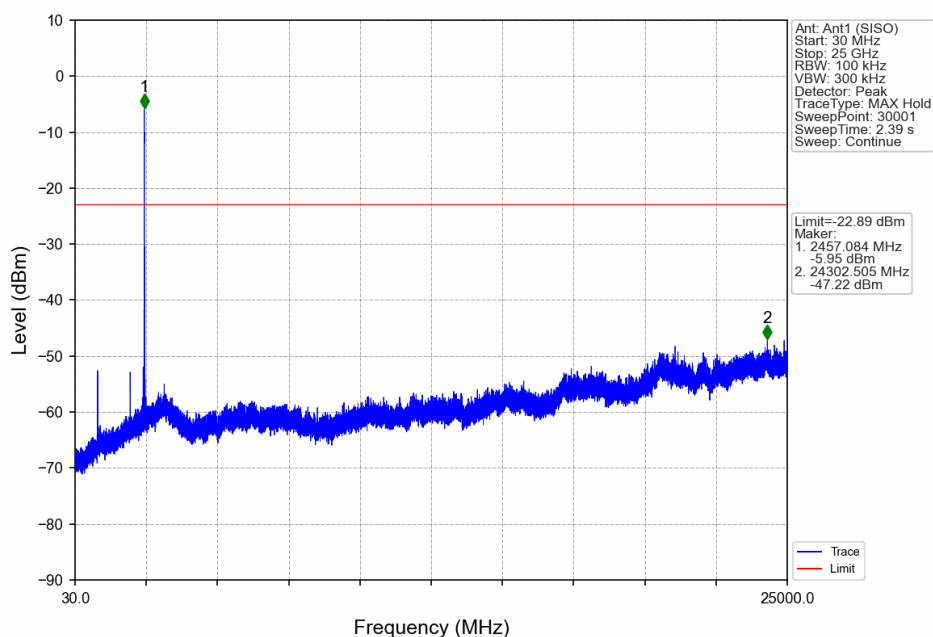
802.11g MCH 2437MHz Ant1 (SISO) NTNV



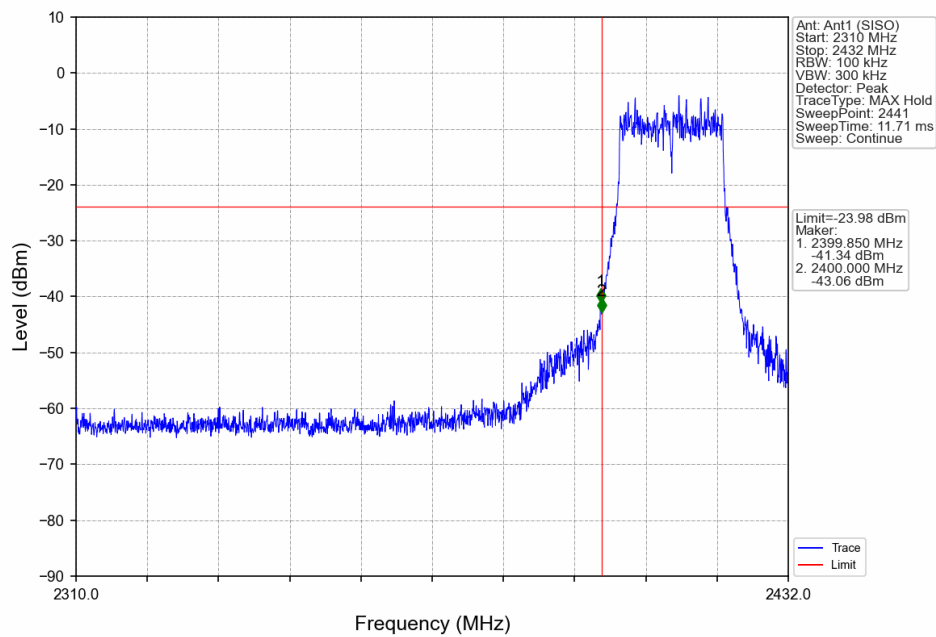
802.11g HCH 2462MHz Ant1 (SISO) NTNV



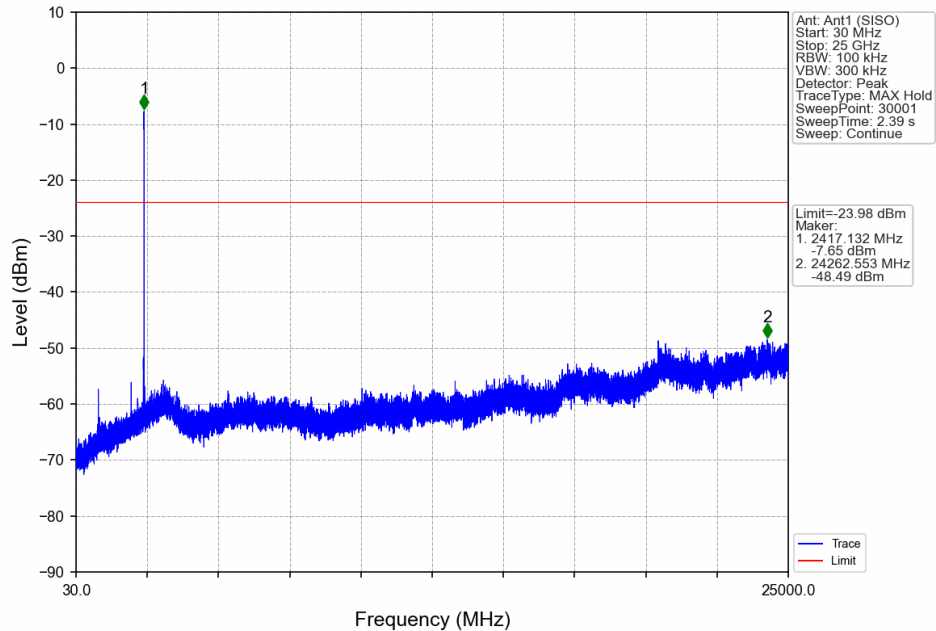
802.11g HCH 2462MHz Ant1 (SISO) NTNV



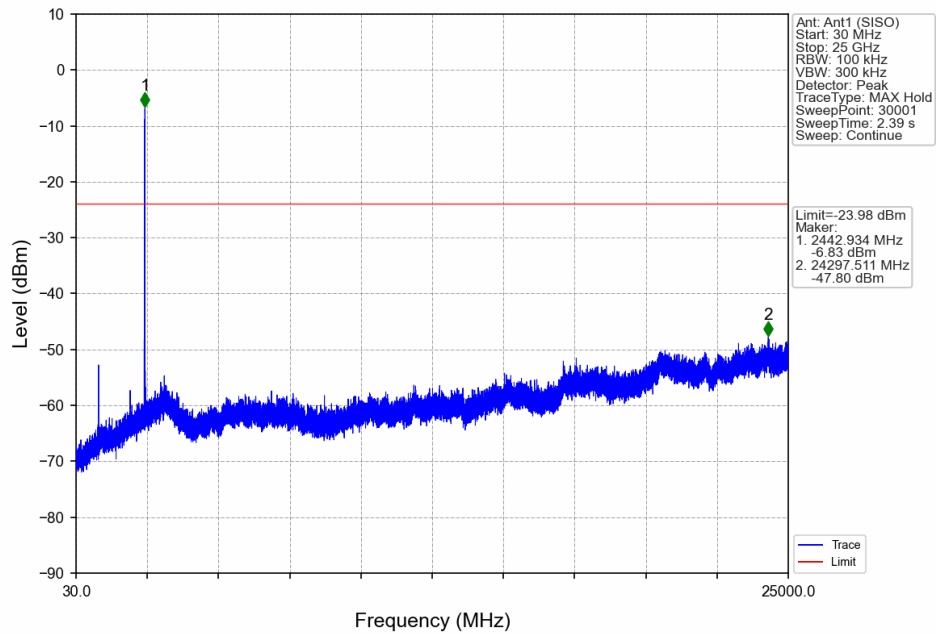
802.11n(HT20) LCH 2412MHz Ant1 (SISO) NTNV



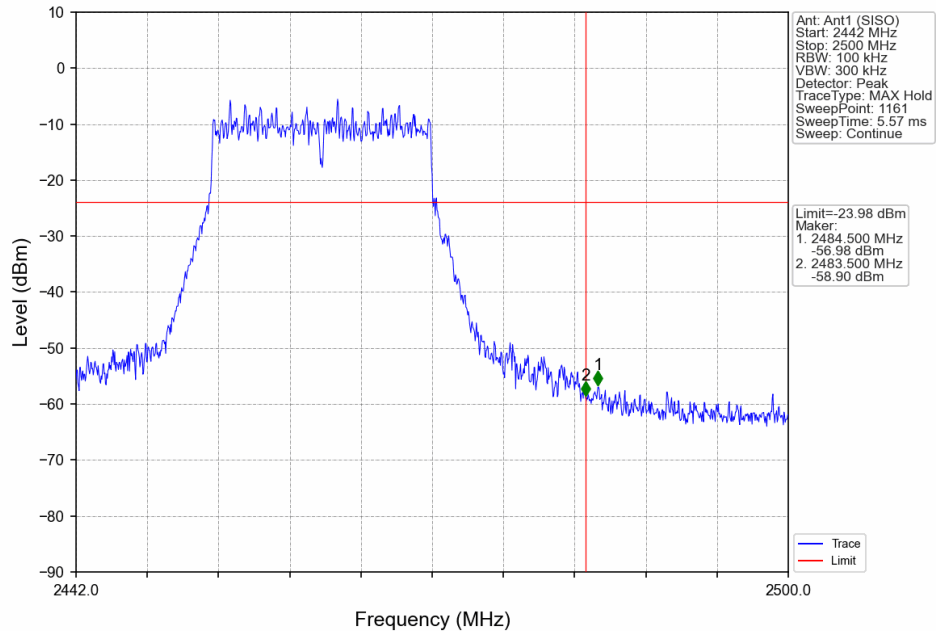
802.11n(HT20) LCH 2412MHz Ant1 (SISO) NTNV



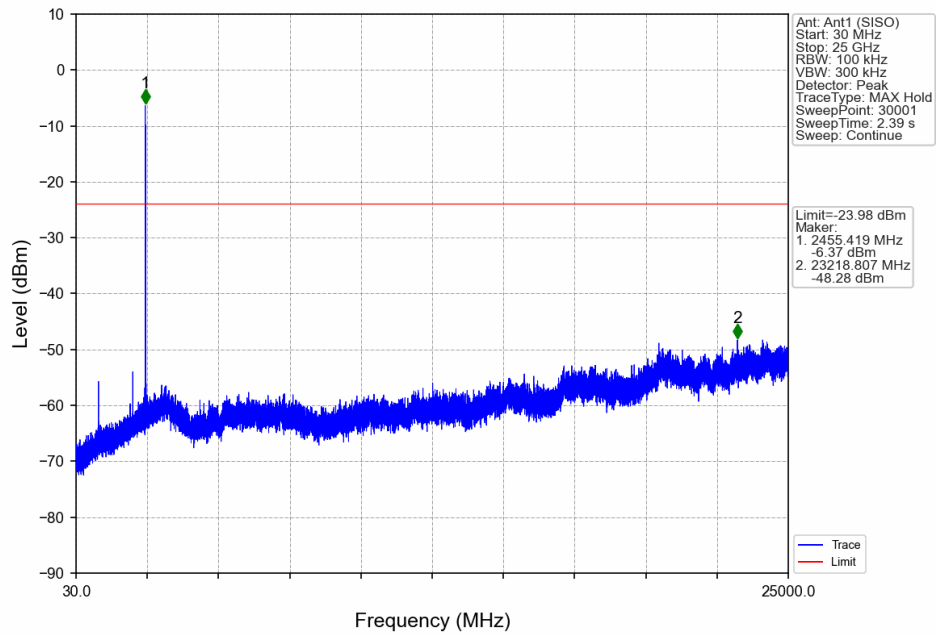
802.11n(HT20) MCH 2437MHz Ant1 (SISO) NTNV



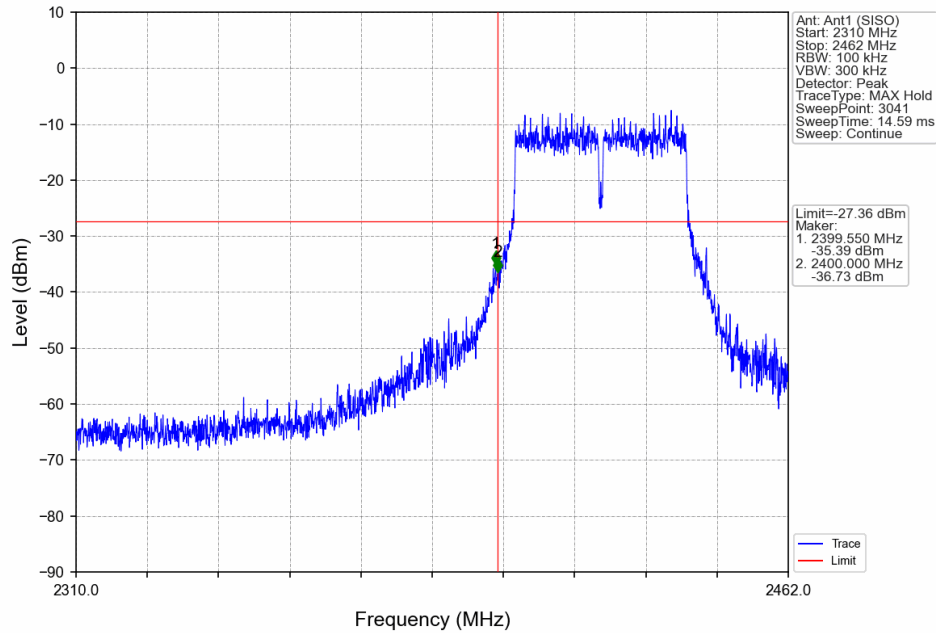
802.11n(HT20) HCH 2462MHz Ant1 (SISO) NTNV



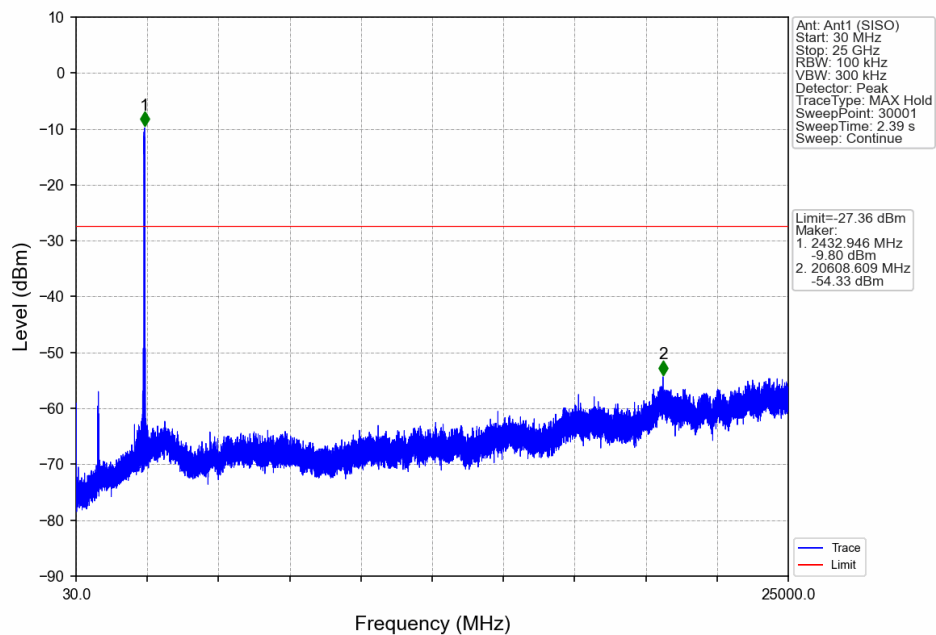
802.11n(HT20) HCH 2462MHz Ant1 (SISO) NTNV



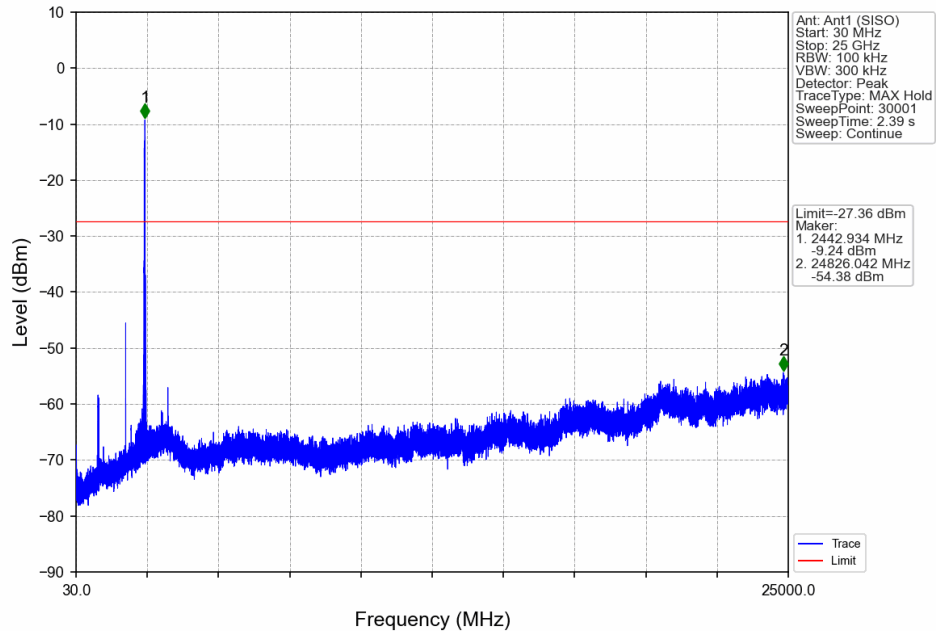
802.11n(HT40) LCH 2422MHz Ant1 (SISO) NTNV



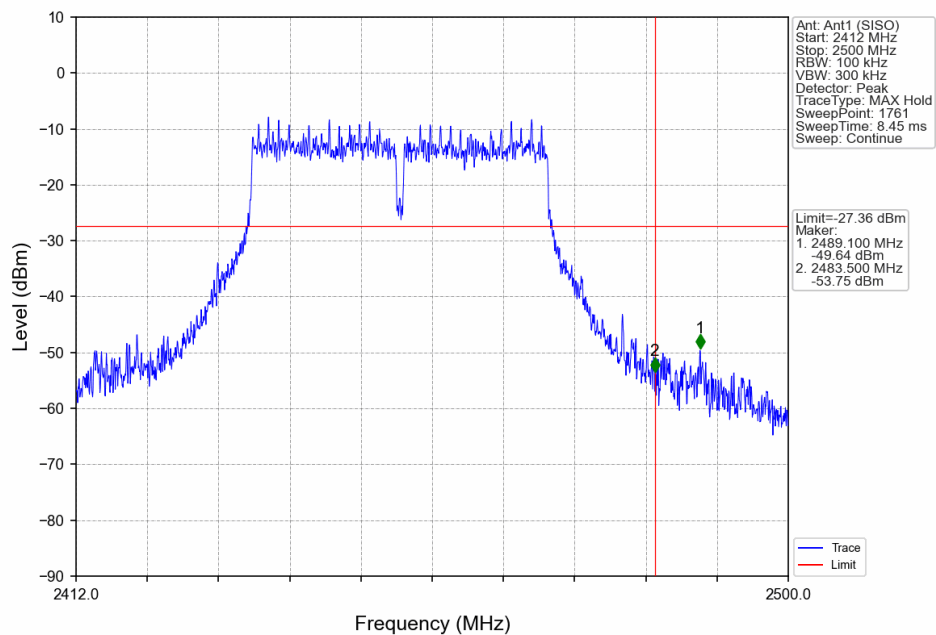
802.11n(HT40) LCH 2422MHz Ant1 (SISO) NTNV



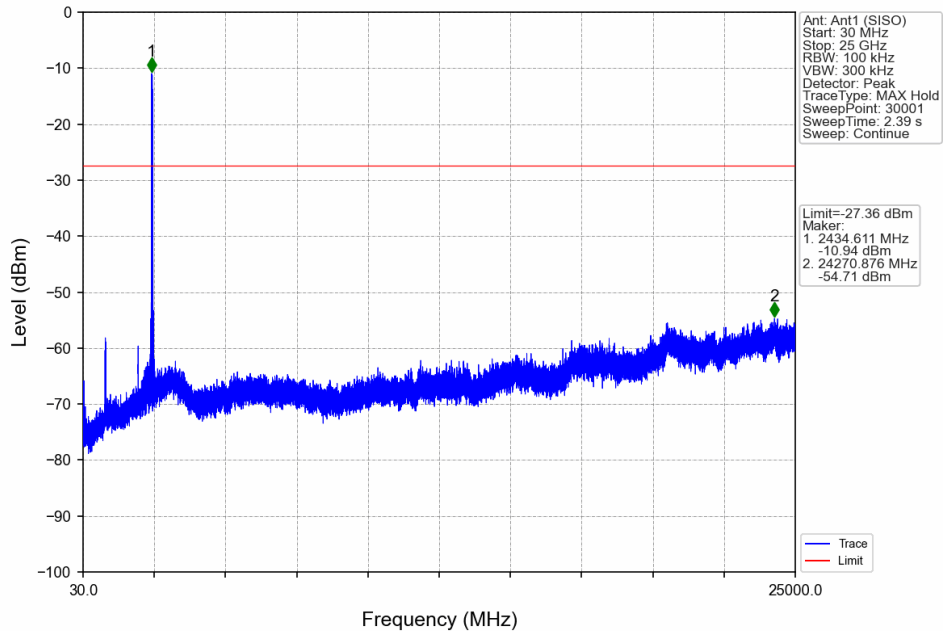
802.11n(HT40) MCH 2437MHz Ant1 (SISO) NTNV



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



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



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