

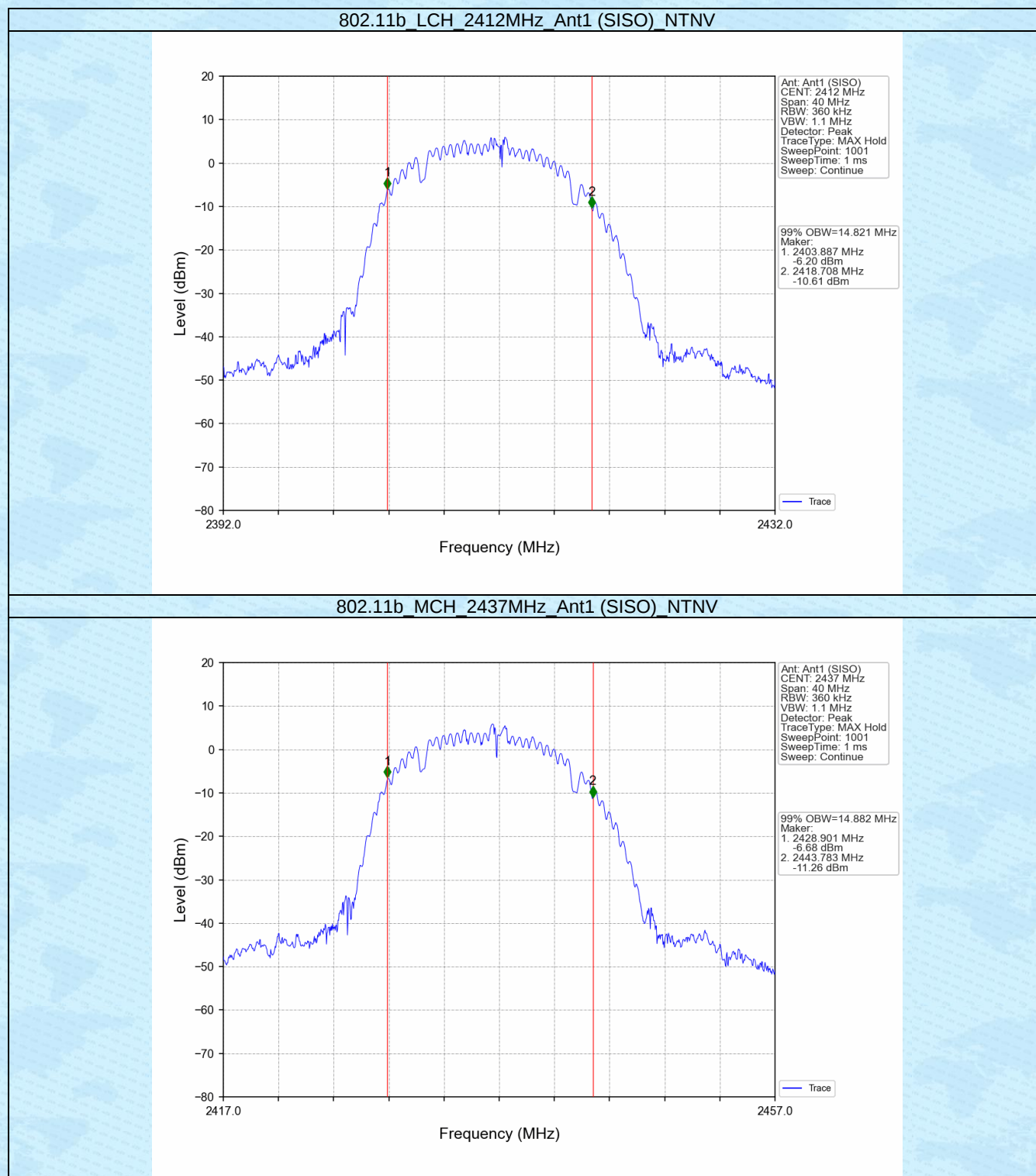
1. Bandwidth

1.1 OBW

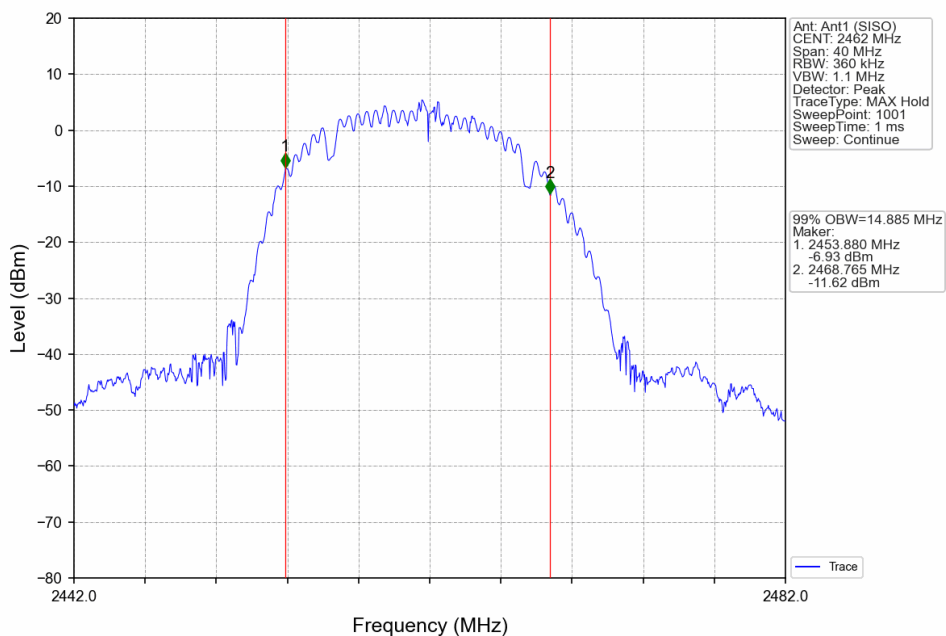
1.1.1 Test Result

Mode	TX Type	Frequency (MHz)	ANT	99% Occupied Bandwidth (MHz)	Verdict
				Result	
802.11b	SISO	2412	1	14.821	Pass
		2437	1	14.882	Pass
		2462	1	14.885	Pass
802.11g	SISO	2412	1	17.766	Pass
		2437	1	17.775	Pass
		2462	1	17.769	Pass
802.11n (HT20)	SISO	2412	1	18.655	Pass
		2437	1	18.645	Pass
		2462	1	18.669	Pass
802.11n (HT40)	SISO	2422	1	36.689	Pass
		2437	1	36.633	Pass
		2452	1	36.591	Pass

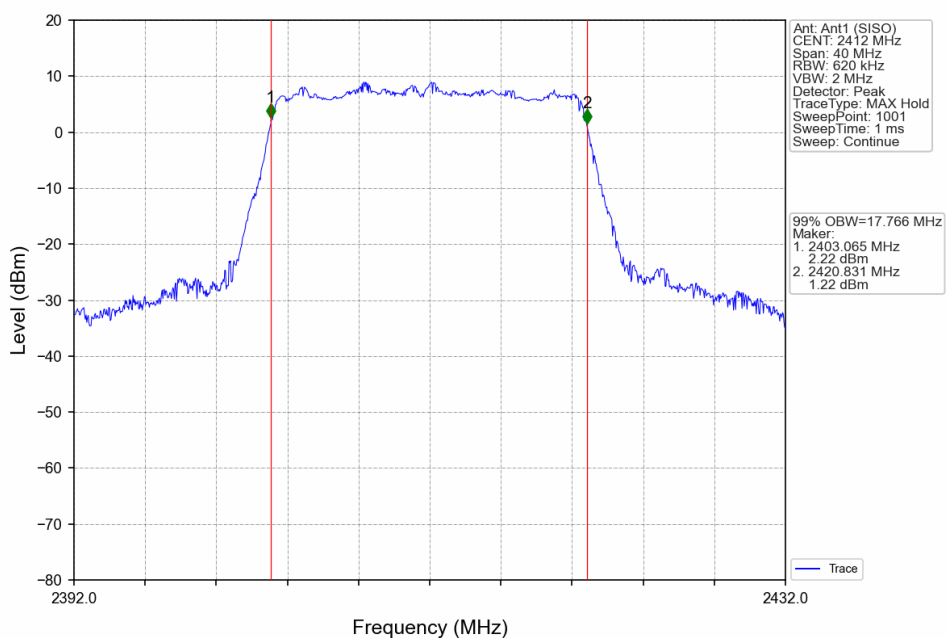
1.1.2 Test Graph



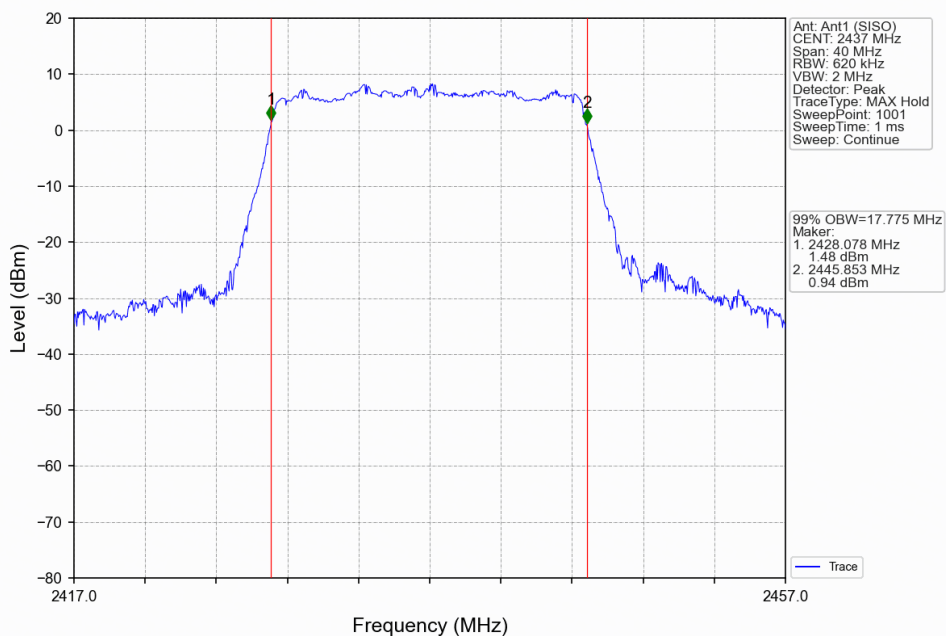
802.11b HCH 2462MHz_Ant1 (SISO)_NTNV



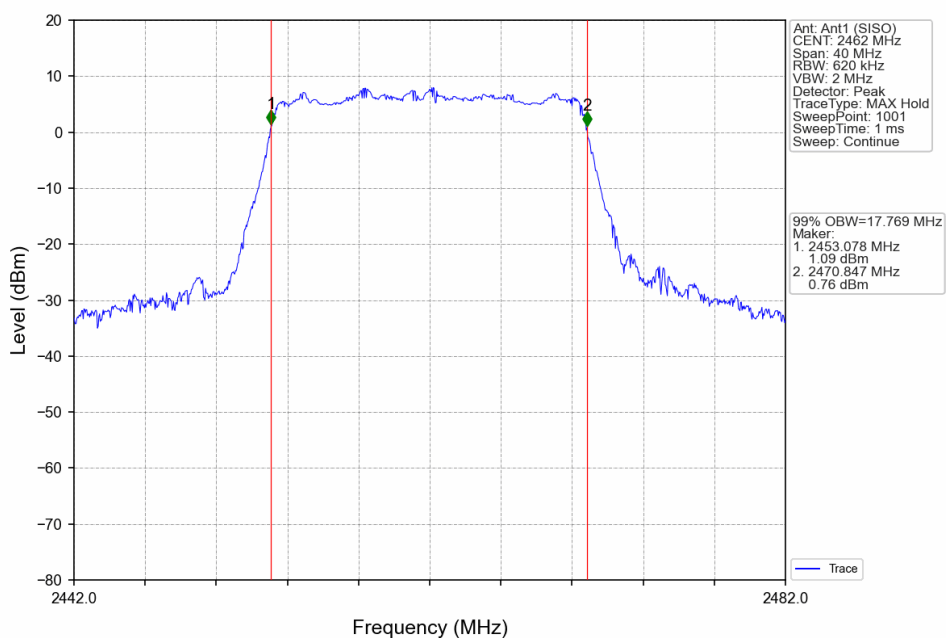
802.11g LCH 2412MHz_Ant1 (SISO)_NTNV



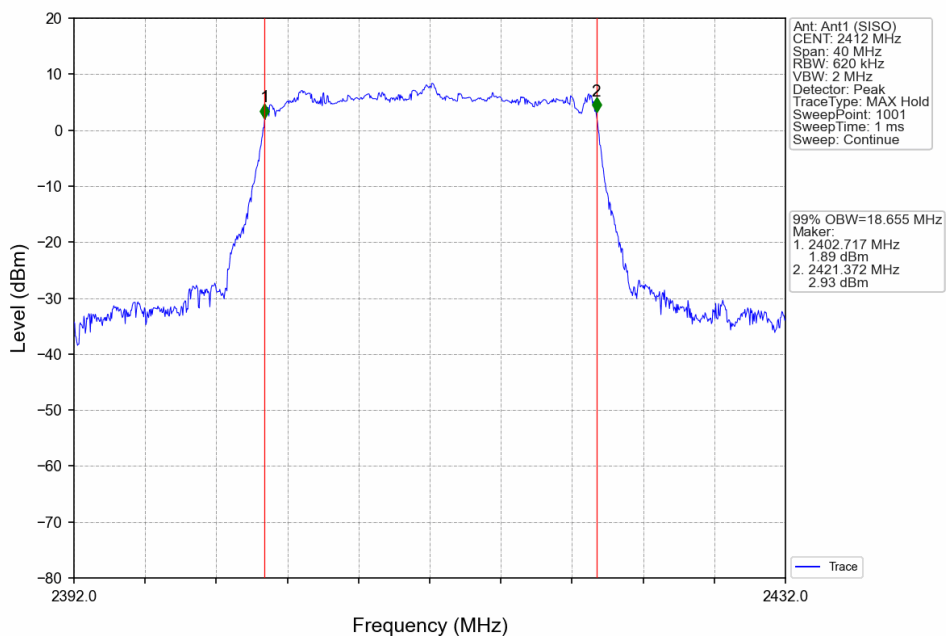
802.11g_MCH_2437MHz_Ant1 (SISO)_NTNV



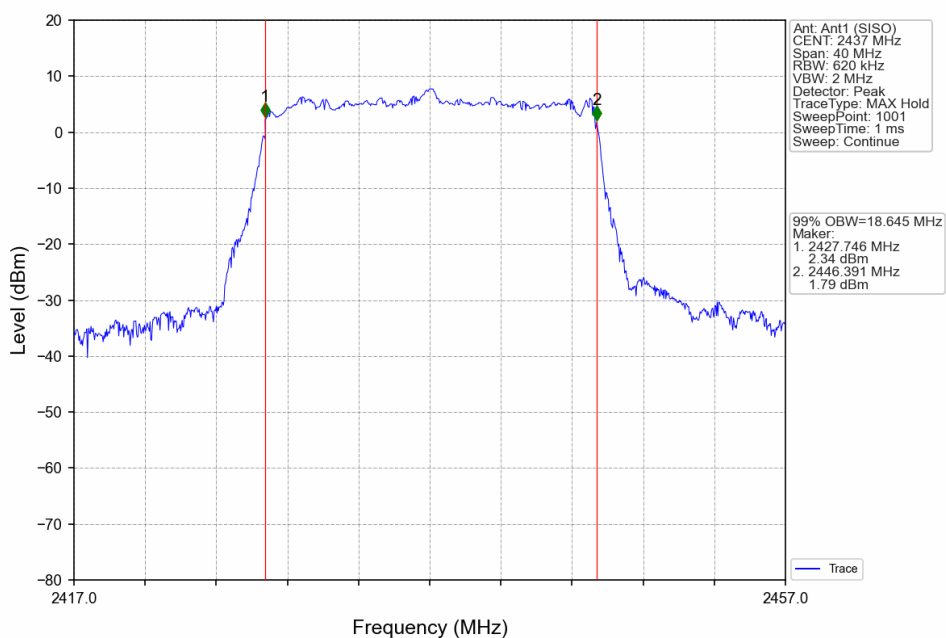
802.11g_HCH_2462MHz_Ant1 (SISO)_NTNV



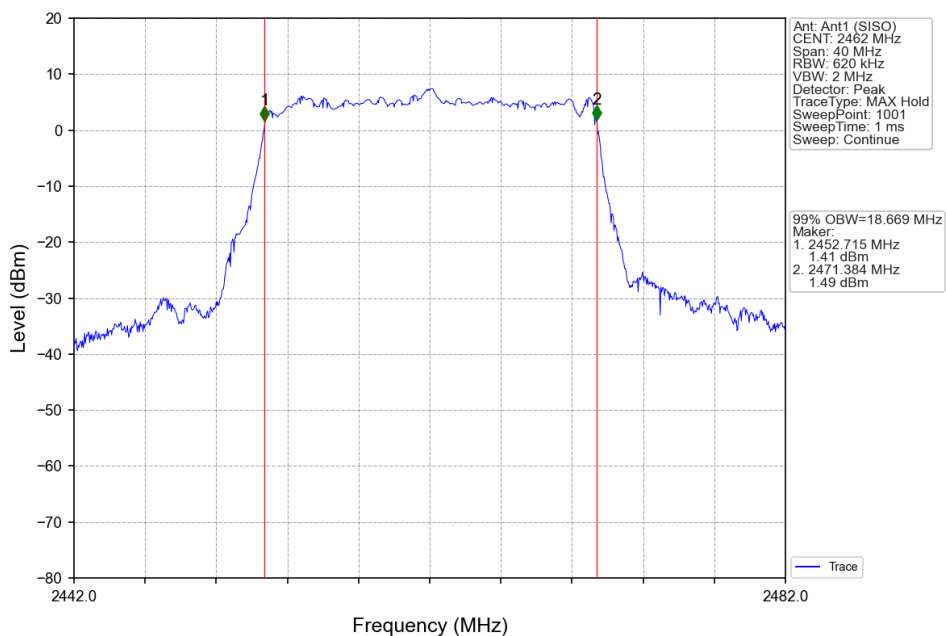
802.11n(HT20)_LCH_2412MHz_Ant1 (SISO)_NTNV



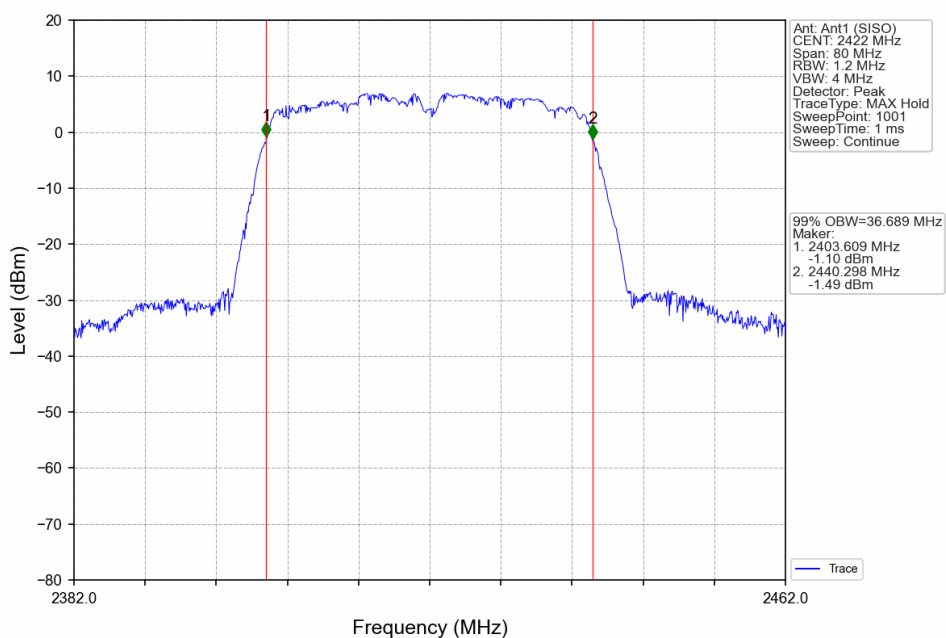
802.11n(HT20)_MCH_2437MHz_Ant1 (SISO)_NTNV



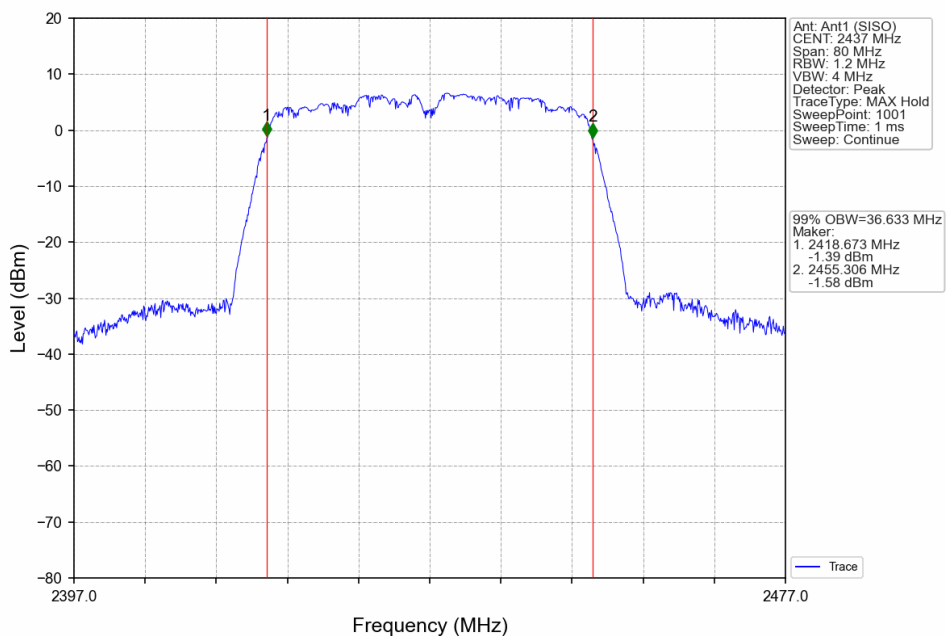
802.11n(HT20)_HCH_2462MHz_Ant1 (SISO)_NTNV



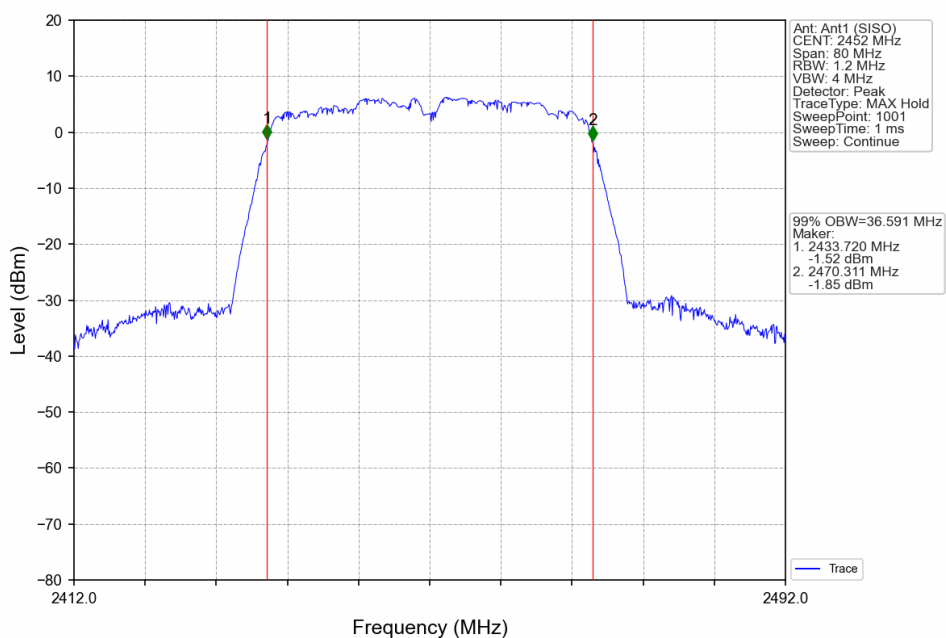
802.11n(HT40)_LCH_2422MHz_Ant1 (SISO)_NTNV



802.11n(HT40) MCH_2437MHz_Ant1 (SISO) NTNV



802.11n(HT40) HCH_2452MHz_Ant1 (SISO) NTNV

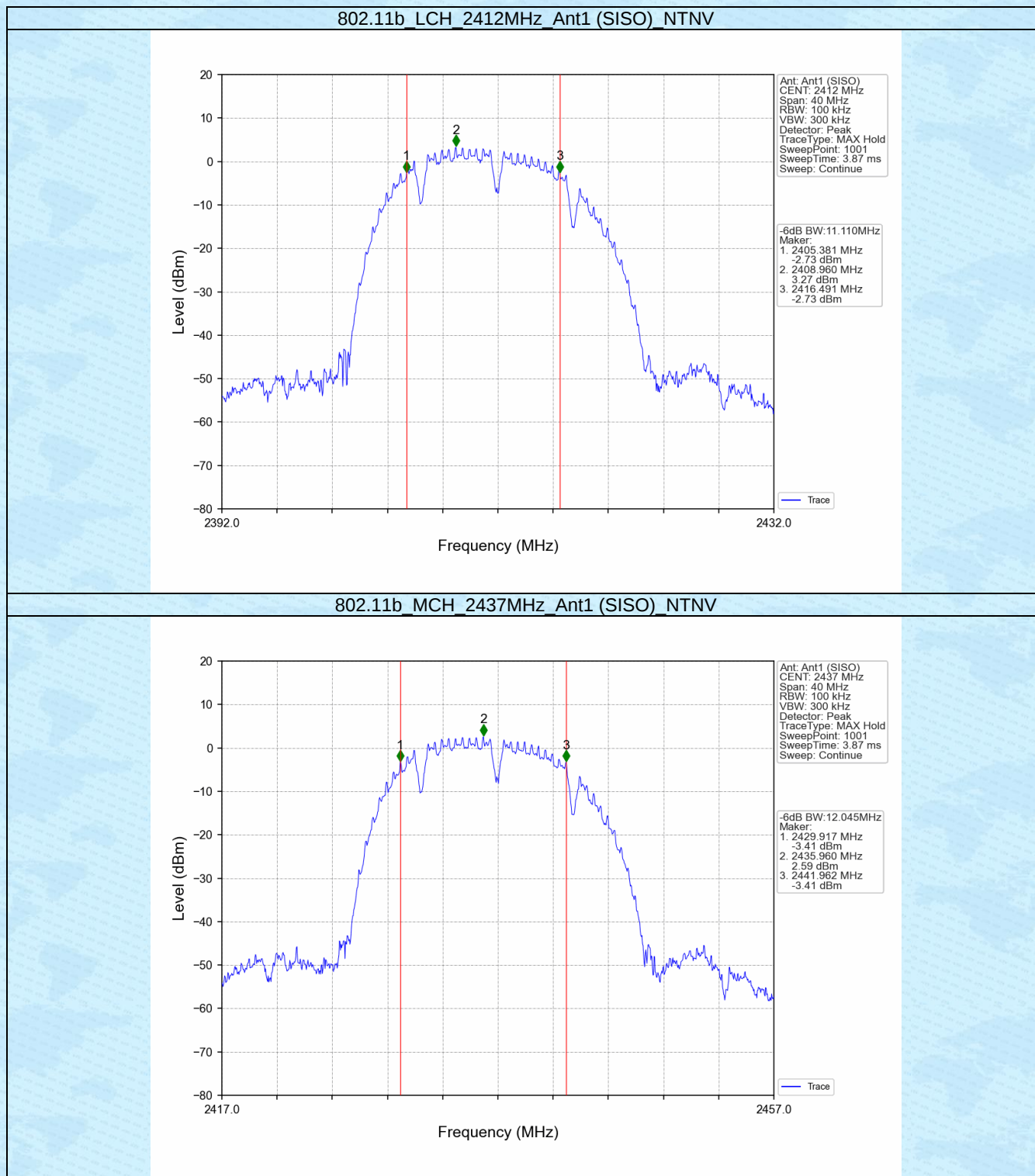


1.2 6dB BW

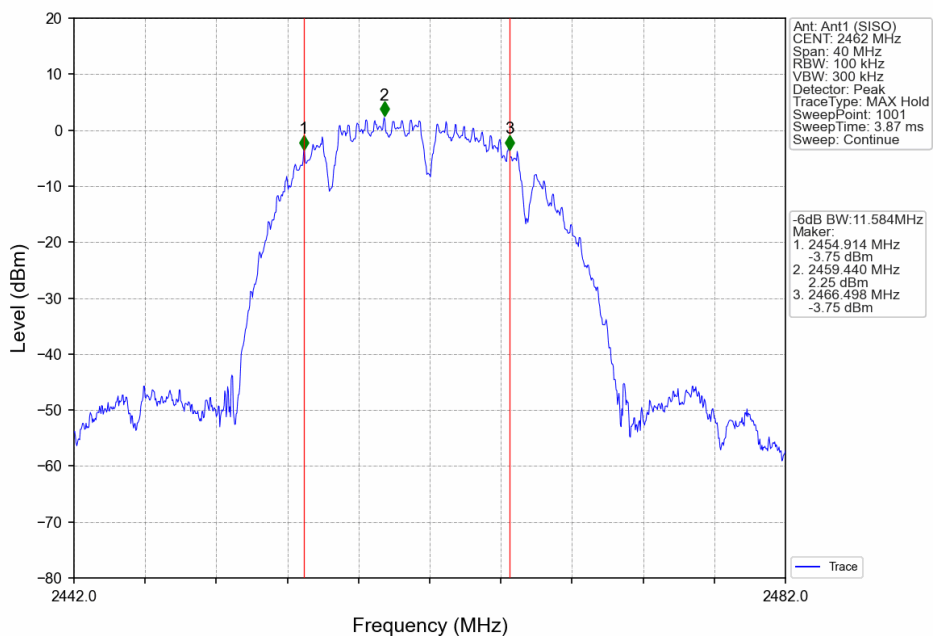
1.2.1 Test Result

Mode	TX Type	Frequency (MHz)	ANT	6dB Bandwidth (MHz)		Verdict
				Result	Limit	
802.11b	SISO	2412	1	11.110	≥ 0.5	Pass
		2437	1	12.045	≥ 0.5	Pass
		2462	1	11.584	≥ 0.5	Pass
802.11g	SISO	2412	1	16.964	≥ 0.5	Pass
		2437	1	16.922	≥ 0.5	Pass
		2462	1	16.977	≥ 0.5	Pass
802.11n (HT20)	SISO	2412	1	18.285	≥ 0.5	Pass
		2437	1	17.372	≥ 0.5	Pass
		2462	1	17.324	≥ 0.5	Pass
802.11n (HT40)	SISO	2422	1	35.193	≥ 0.5	Pass
		2437	1	35.191	≥ 0.5	Pass
		2452	1	35.168	≥ 0.5	Pass

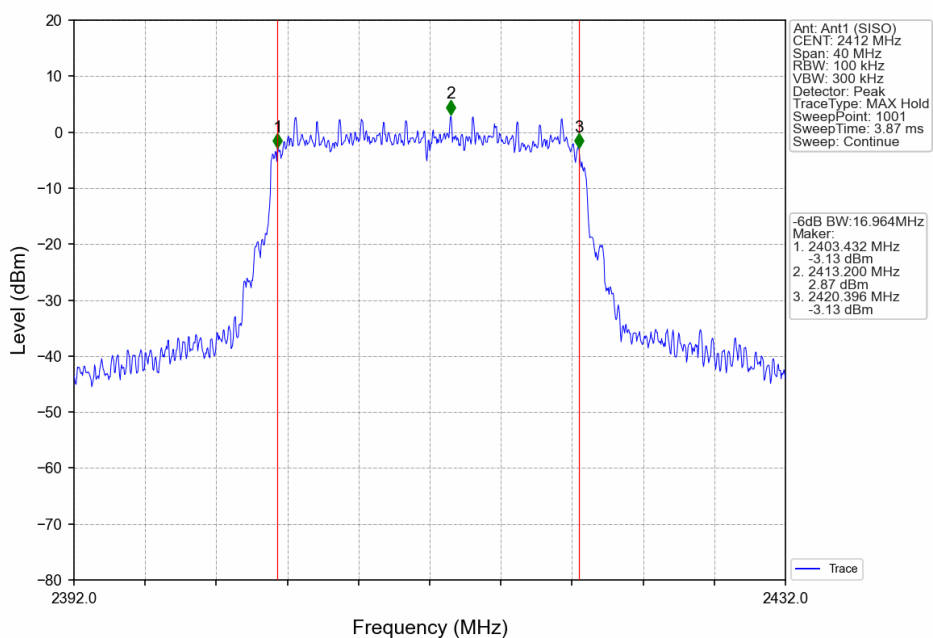
1.2.2 Test Graph



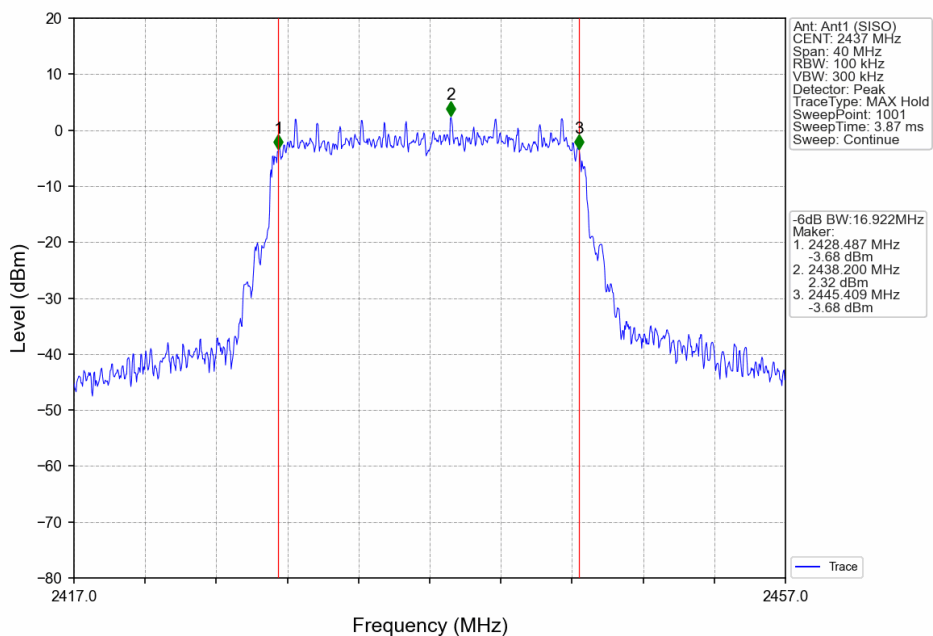
802.11b HCH 2462MHz_Ant1 (SISO)_NTNV



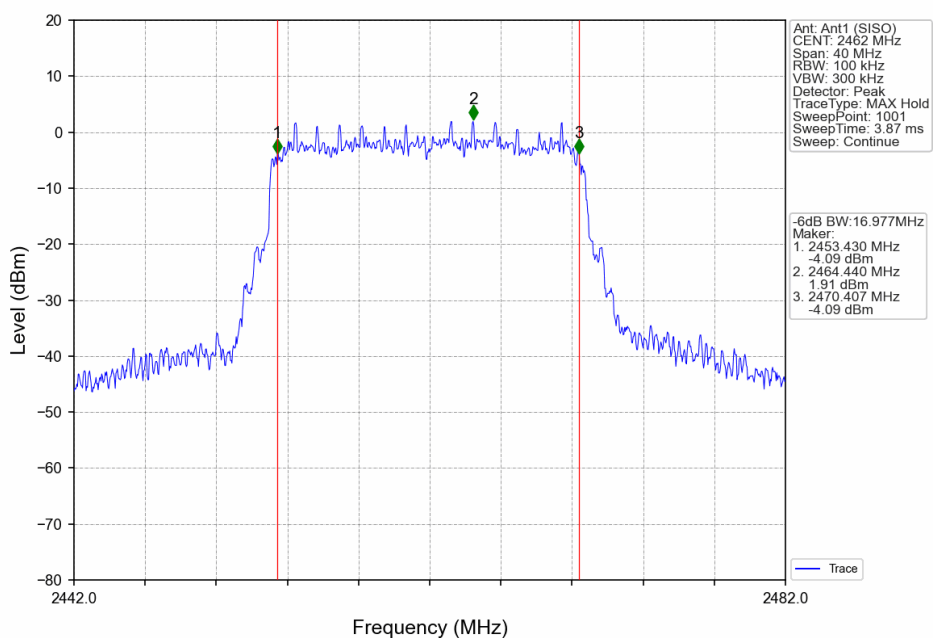
802.11g LCH 2412MHz_Ant1 (SISO)_NTNV



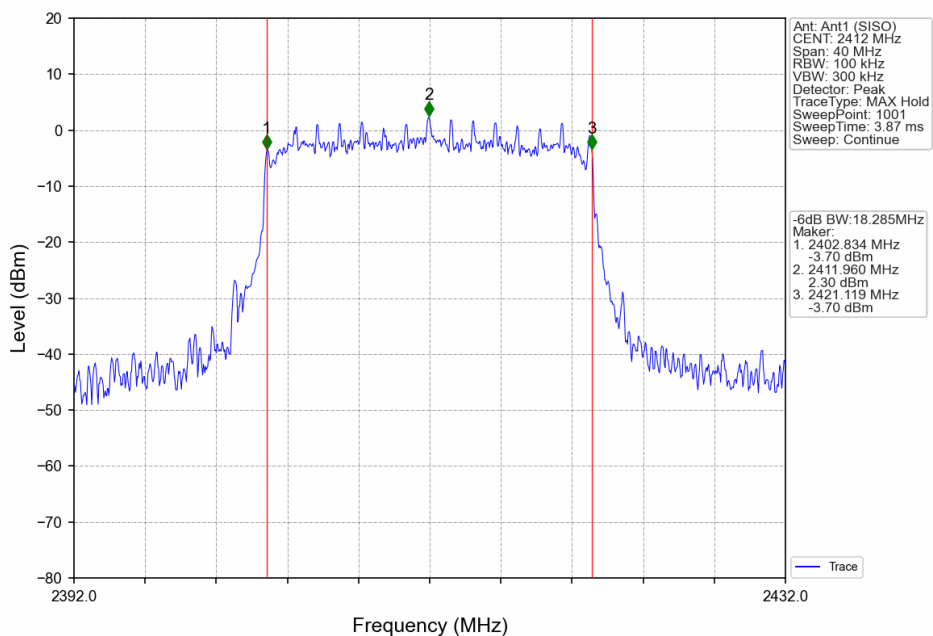
802.11g_MCH_2437MHz_Ant1 (SISO)_NTNV



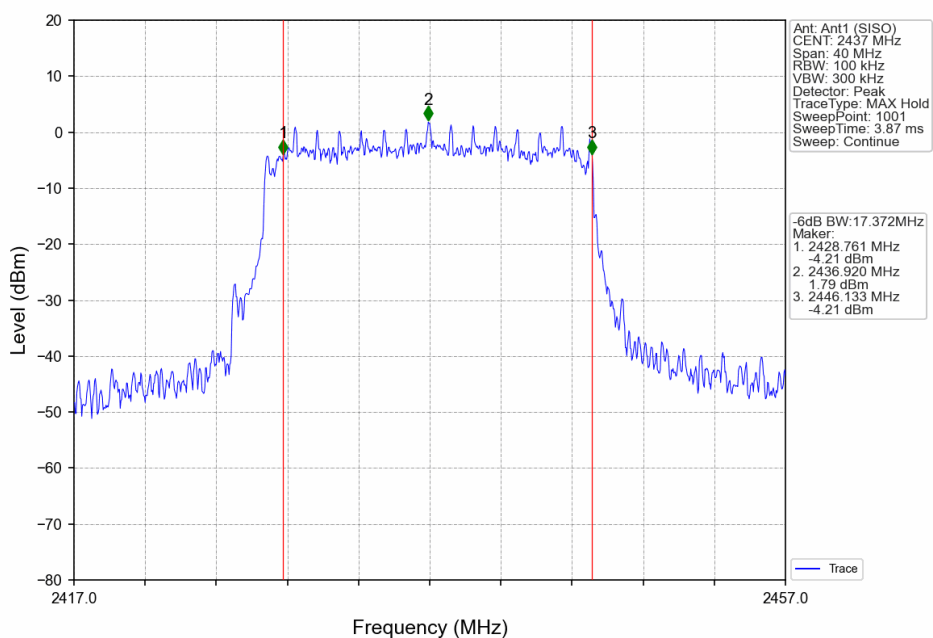
802.11g_HCH_2462MHz_Ant1 (SISO)_NTNV



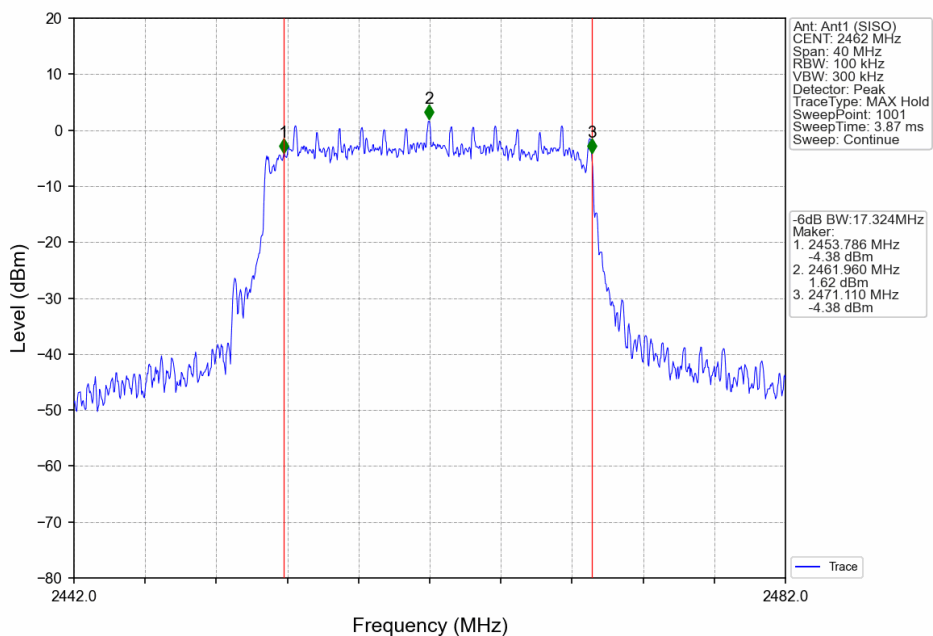
802.11n(HT20)_LCH_2412MHz_Ant1 (SISO)_NTNV



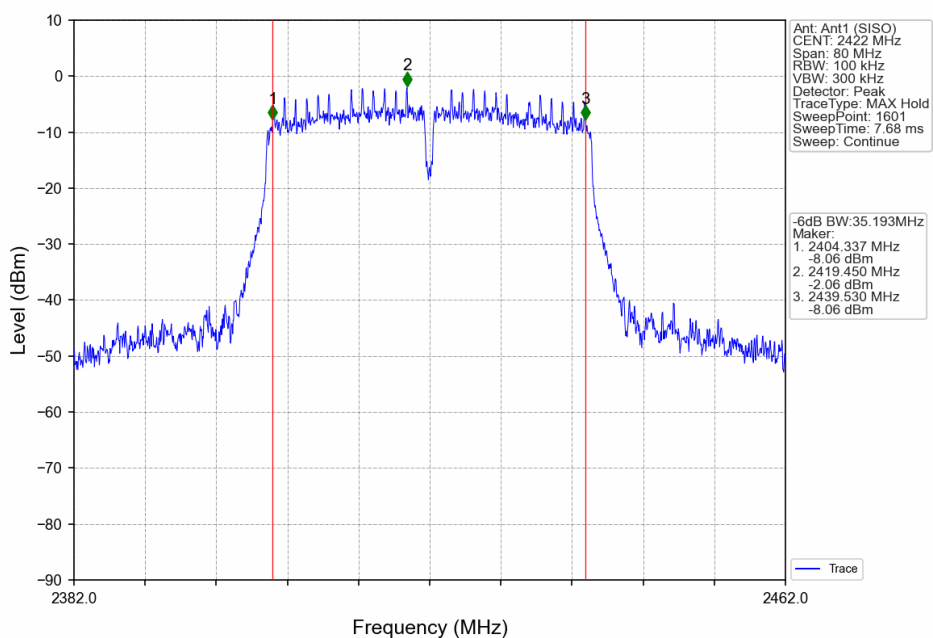
802.11n(HT20)_MCH_2437MHz_Ant1 (SISO)_NTNV



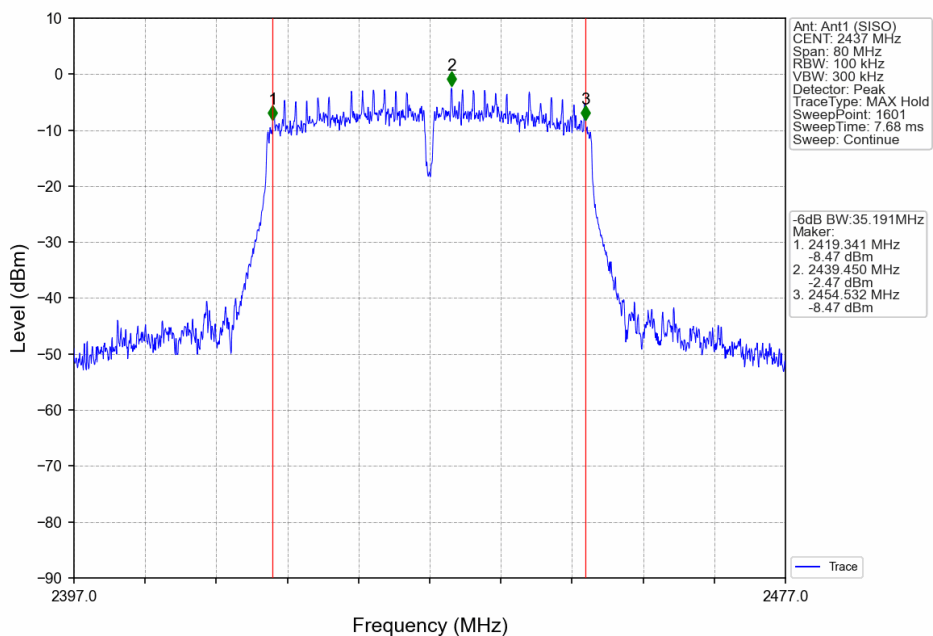
802.11n(HT20)_HCH_2462MHz_Ant1 (SISO)_NTNV



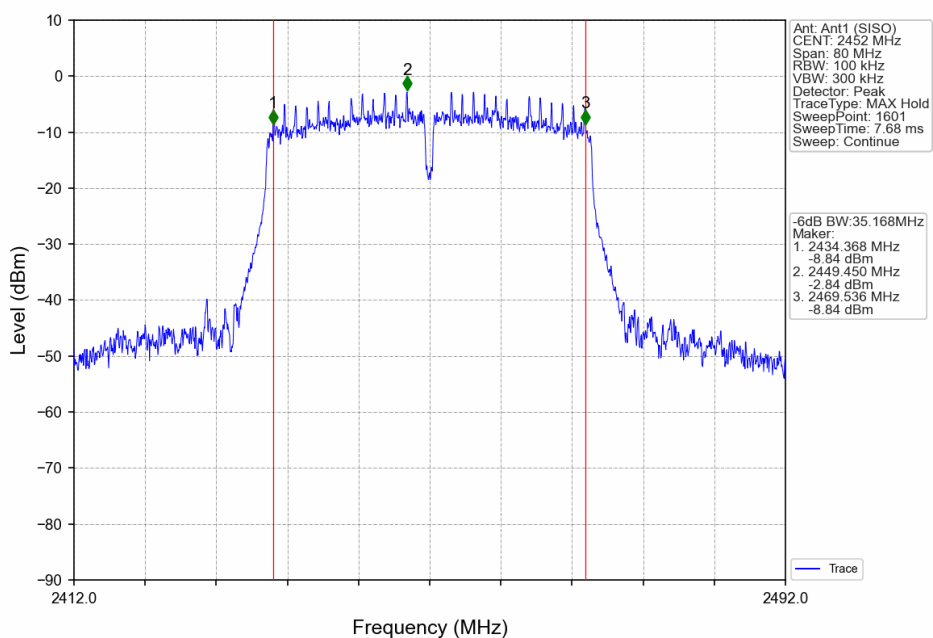
802.11n(HT40)_LCH_2422MHz_Ant1 (SISO)_NTNV



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 Peak Conducted Output Power (dBm)		Verdict
			ANT1	Limit	
802.11b	SISO	2412	17.20	<=30	Pass
		2437	16.73	<=30	Pass
		2462	16.13	<=30	Pass
802.11g	SISO	2412	21.56	<=30	Pass
		2437	21.01	<=30	Pass
		2462	20.71	<=30	Pass
802.11n (HT20)	SISO	2412	20.92	<=30	Pass
		2437	20.24	<=30	Pass
		2462	19.87	<=30	Pass
802.11n (HT40)	SISO	2422	19.00	<=30	Pass
		2437	18.62	<=30	Pass
		2452	18.27	<=30	Pass

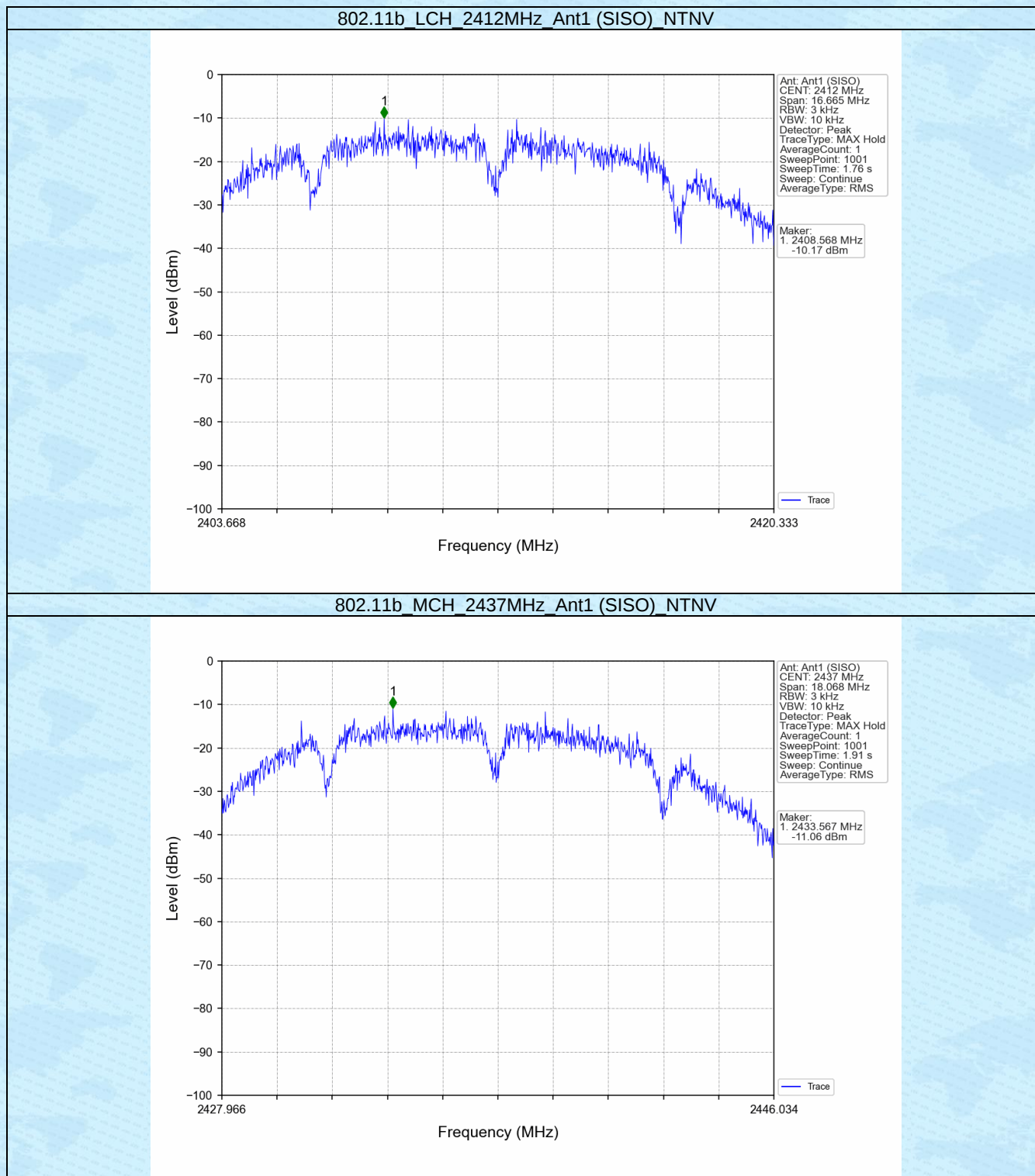
3. Maximum Power Spectral Density

3.1 PSD

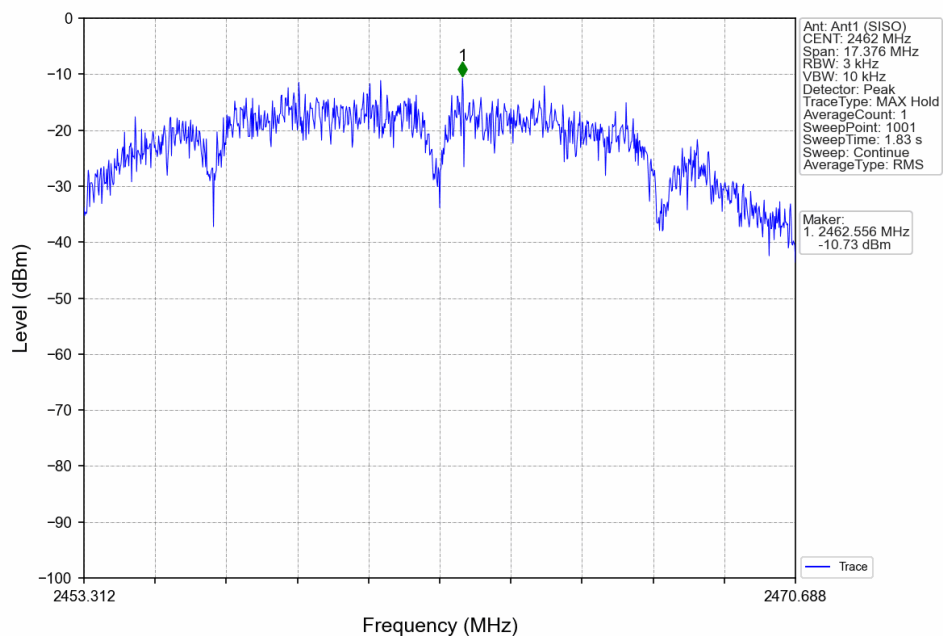
3.1.1 Test Result

Mode	TX Type	Frequency (MHz)	Maximum PSD (dBm/3kHz)		Verdict
			ANT1	Limit	
802.11b	SISO	2412	-10.17	<=8	Pass
		2437	-11.06	<=8	Pass
		2462	-10.73	<=8	Pass
802.11g	SISO	2412	-10.53	<=8	Pass
		2437	-12.48	<=8	Pass
		2462	-12.56	<=8	Pass
802.11n (HT20)	SISO	2412	-12.89	<=8	Pass
		2437	-14.50	<=8	Pass
		2462	-13.84	<=8	Pass
802.11n (HT40)	SISO	2422	-17.80	<=8	Pass
		2437	-18.46	<=8	Pass
		2452	-18.23	<=8	Pass

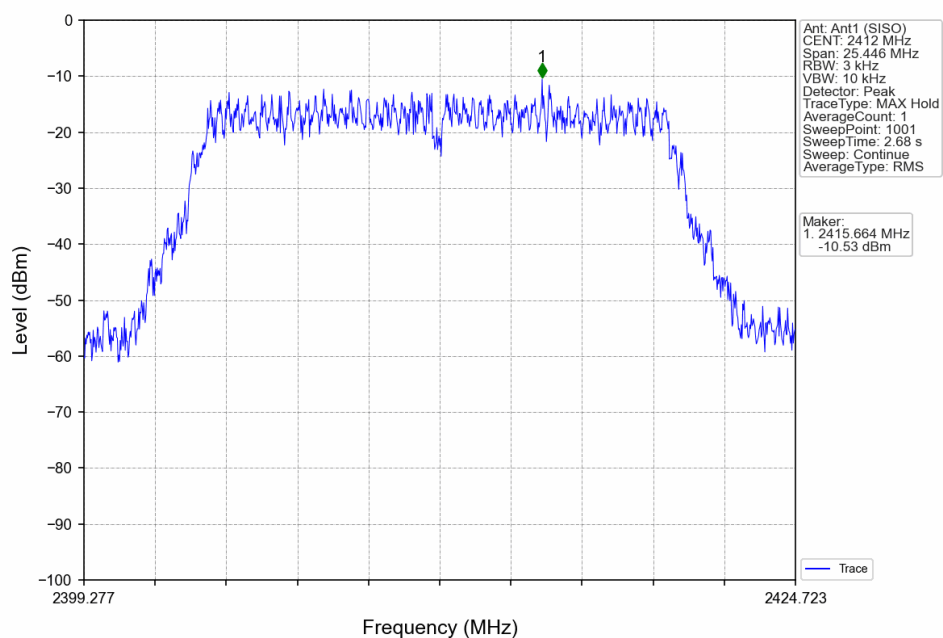
3.1.2 Test Graph



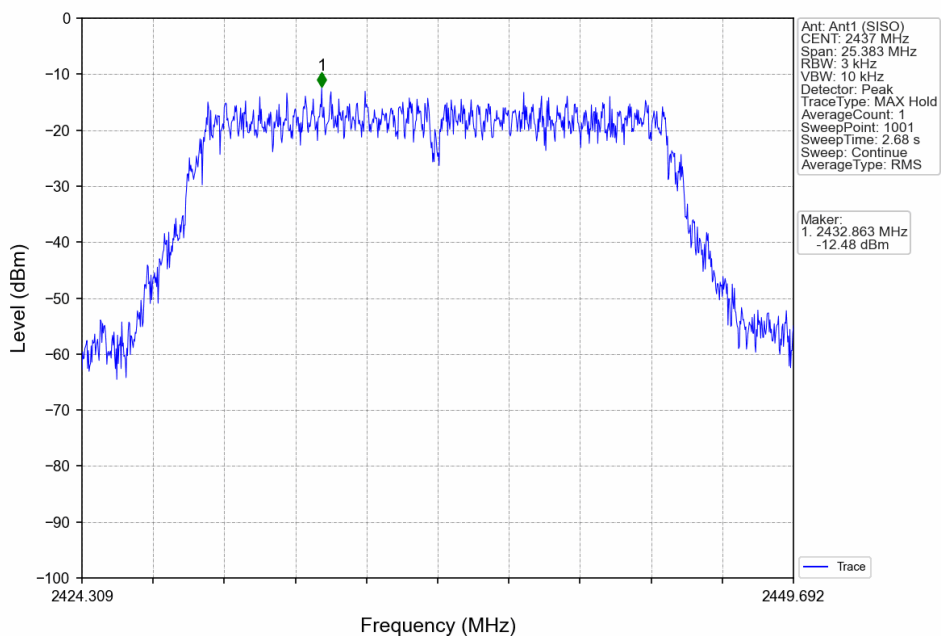
802.11b HCH 2462MHz Ant1 (SISO) NTN



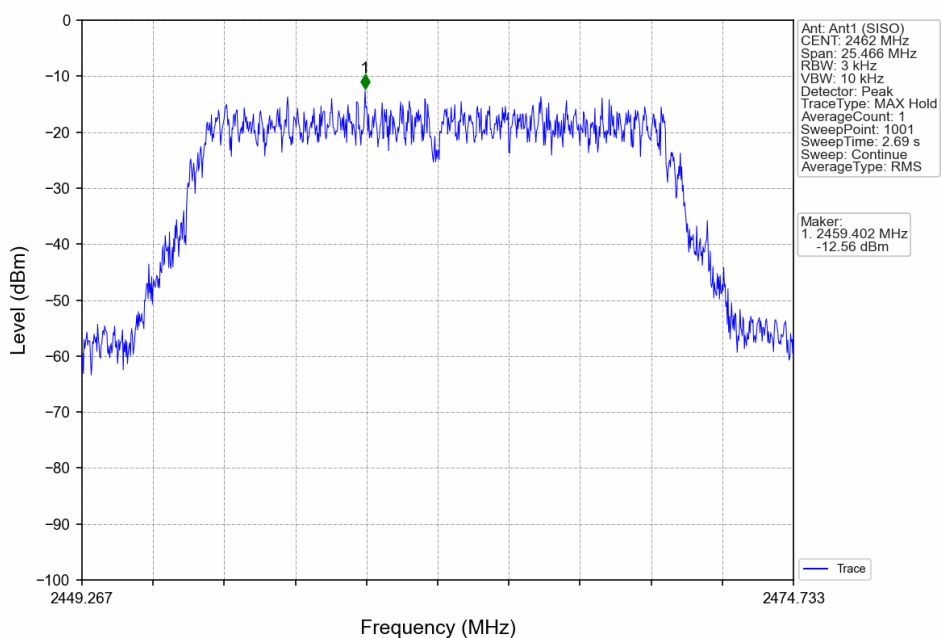
802.11g LCH 2412MHz Ant1 (SISO) NTN



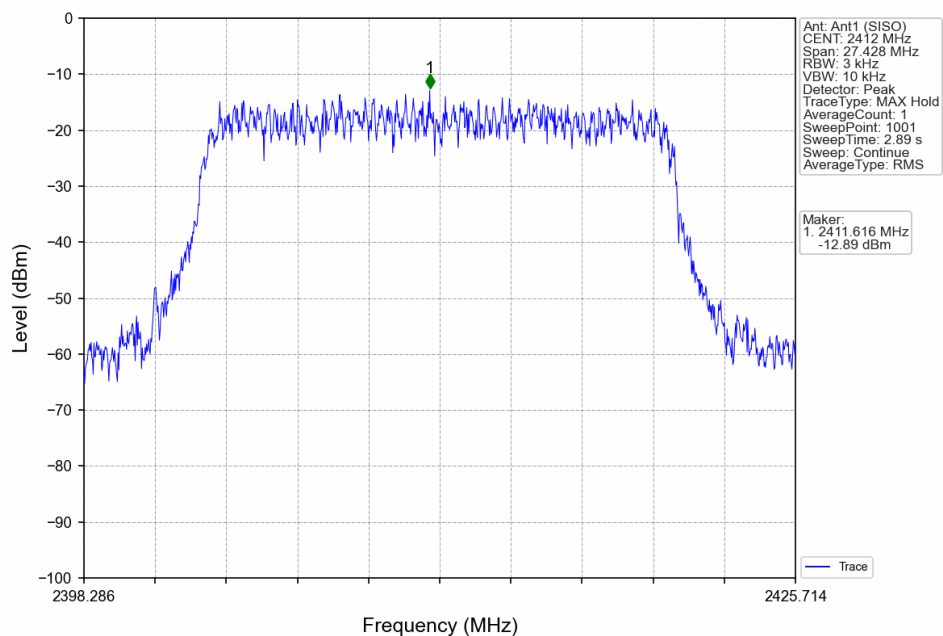
802.11g_MCH_2437MHz_Ant1 (SISO)_NTNV



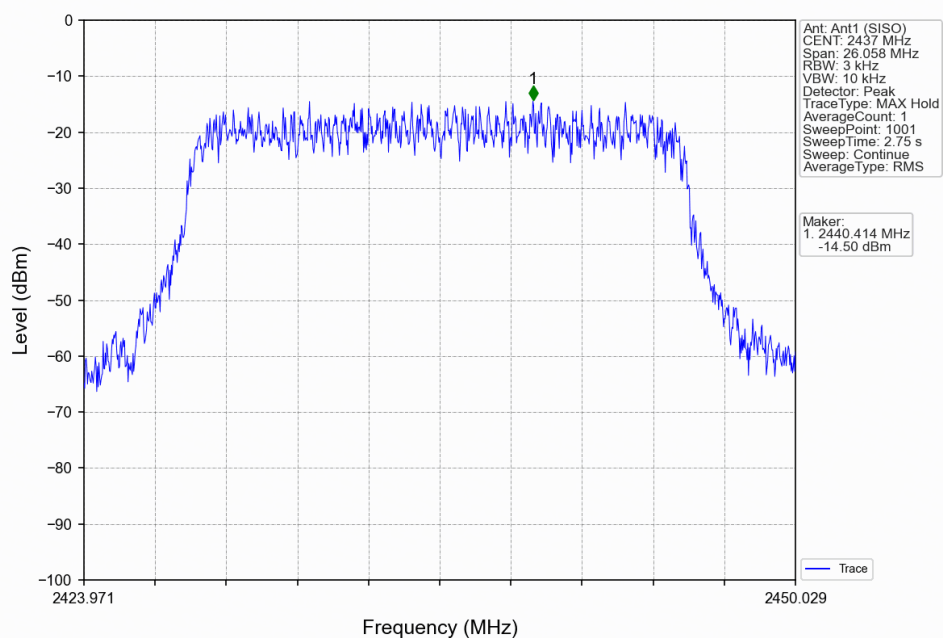
802.11g_HCH_2462MHz_Ant1 (SISO)_NTNV



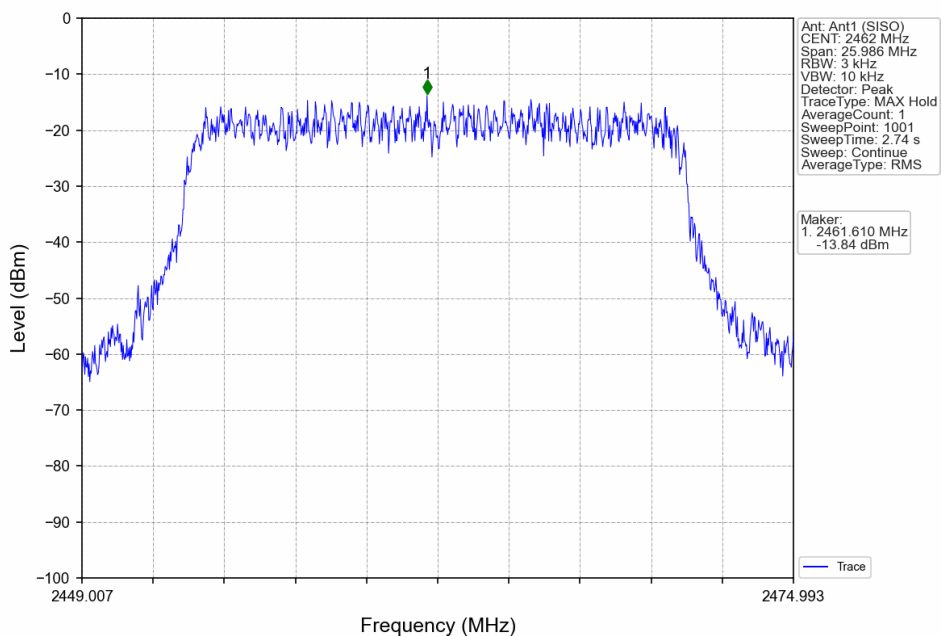
802.11n(HT20)_LCH_2412MHz_Ant1 (SISO)_NTNV



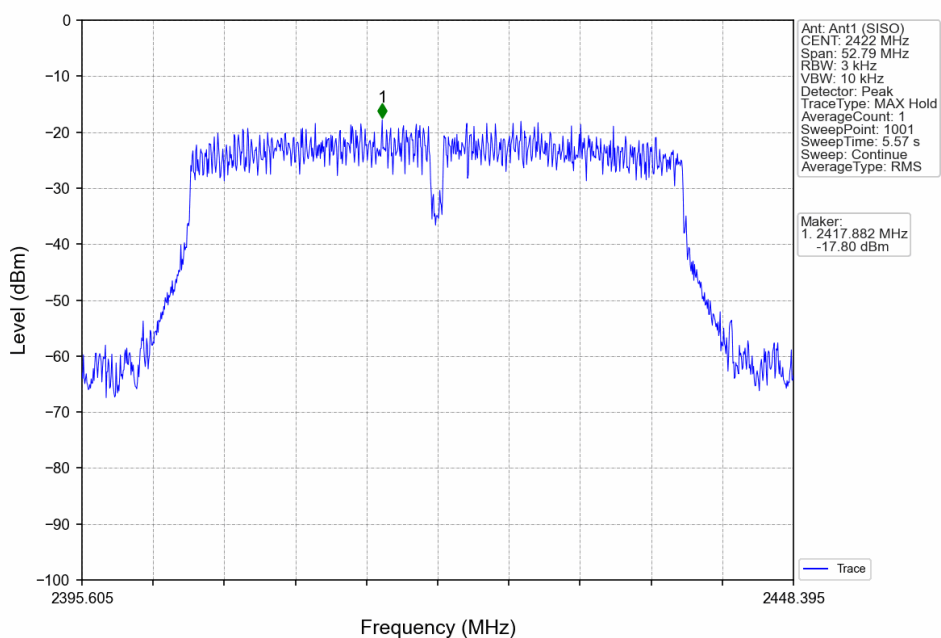
802.11n(HT20)_MCH_2437MHz_Ant1 (SISO)_NTNV



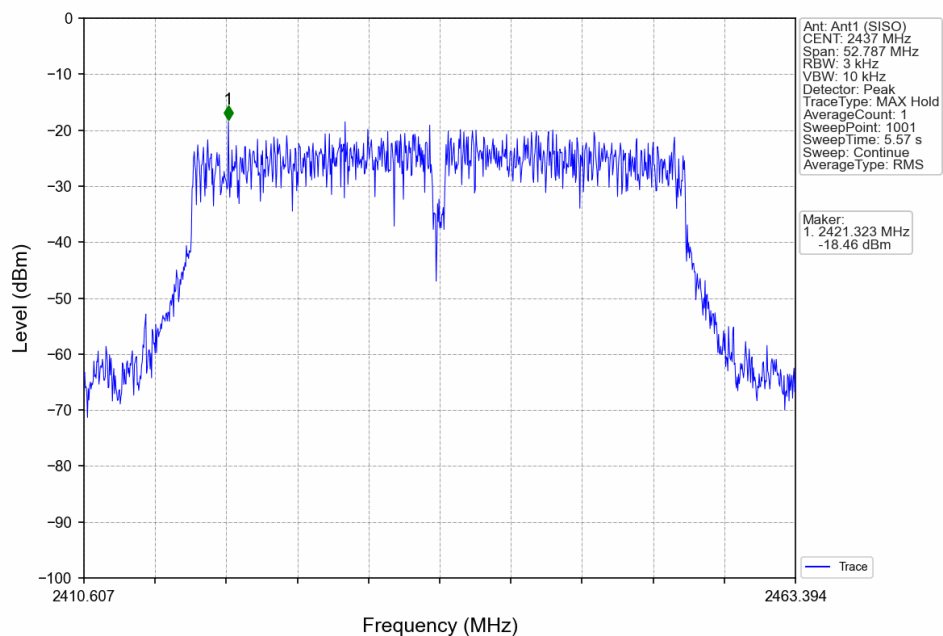
802.11n(HT20)_HCH_2462MHz_Ant1 (SISO)_NTNV



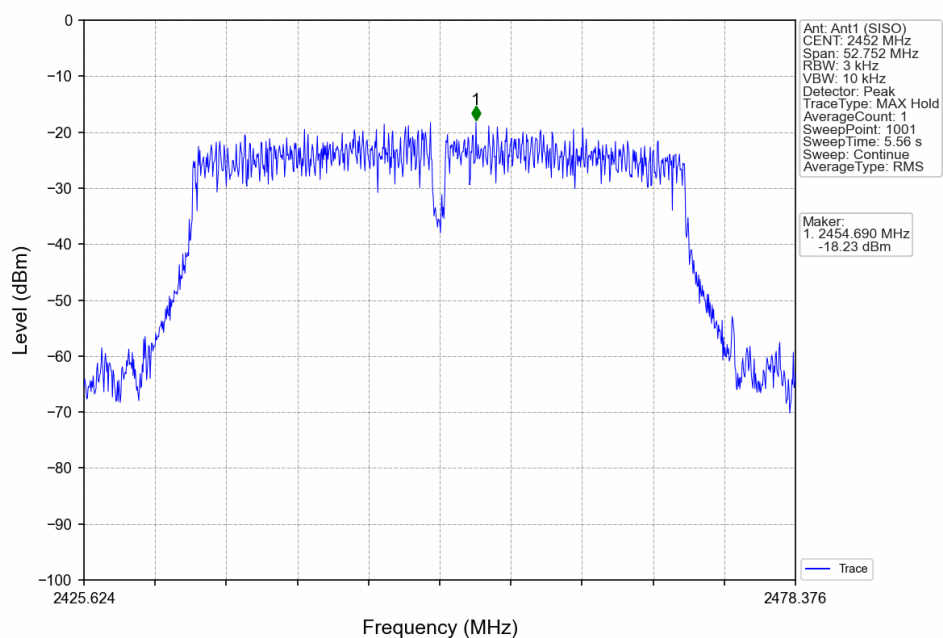
802.11n(HT40)_LCH_2422MHz_Ant1 (SISO)_NTNV



802.11n(HT40) MCH_2437MHz_Ant1 (SISO) NTN



802.11n(HT40) HCH_2452MHz_Ant1 (SISO) NTN



4. Unwanted Emissions In Non-restricted Frequency Bands

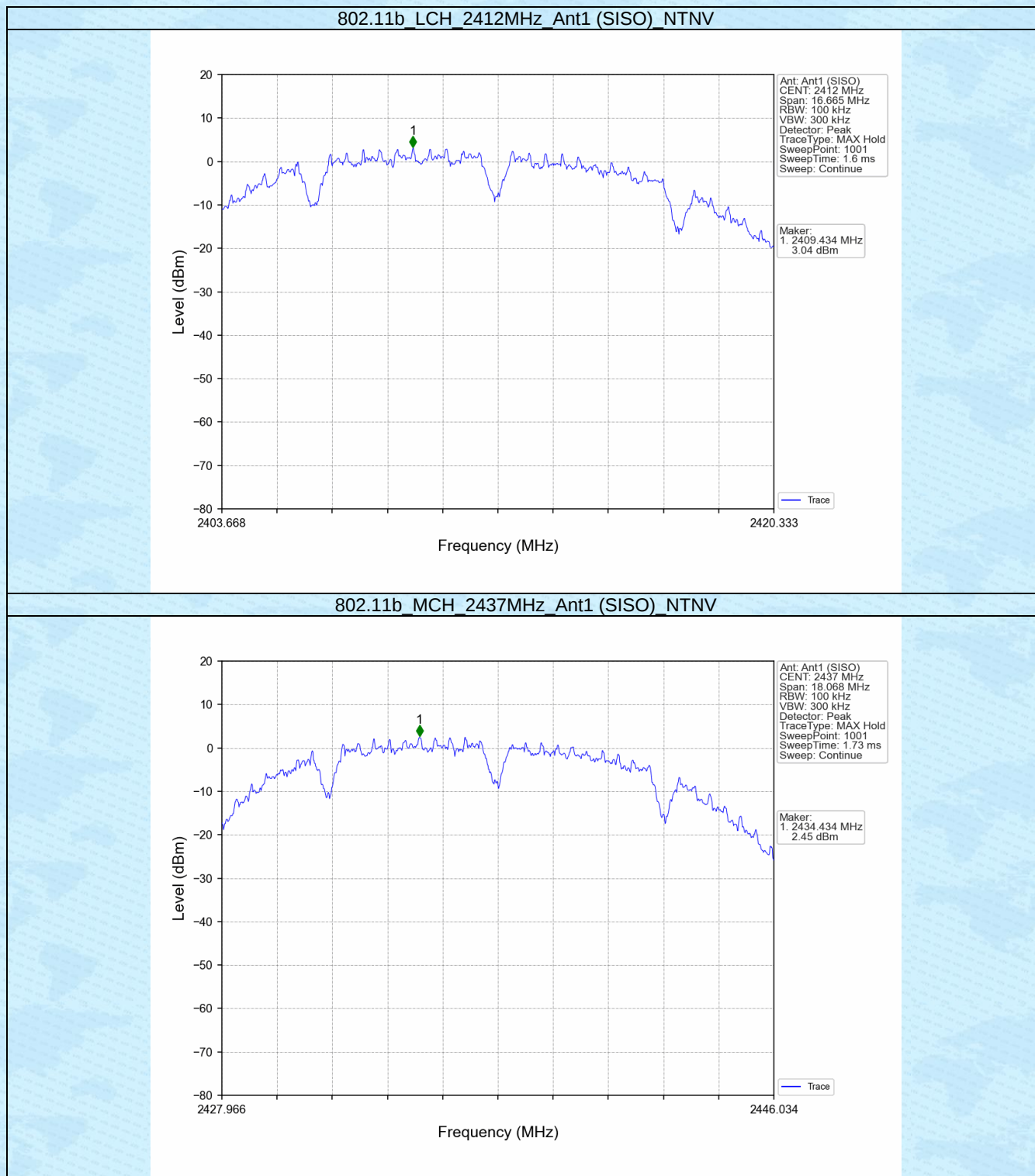
4.1 Ref

4.1.1 Test Result

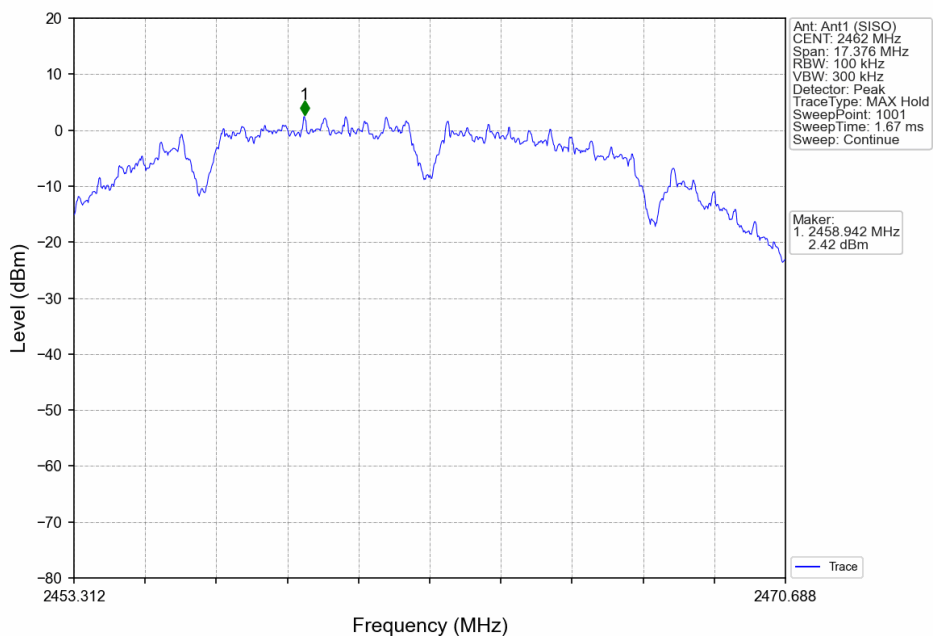
Mode	TX Type	Frequency (MHz)	ANT	Level of Reference (dBm)
802.11b	SISO	2412	1	3.04
		2437	1	2.45
		2462	1	2.42
802.11g	SISO	2412	1	2.58
		2437	1	1.74
		2462	1	1.91
802.11n (HT20)	SISO	2412	1	2.42
		2437	1	1.06
		2462	1	1.40
802.11n (HT40)	SISO	2422	1	-2.25
		2437	1	-2.70
		2452	1	-2.85

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.

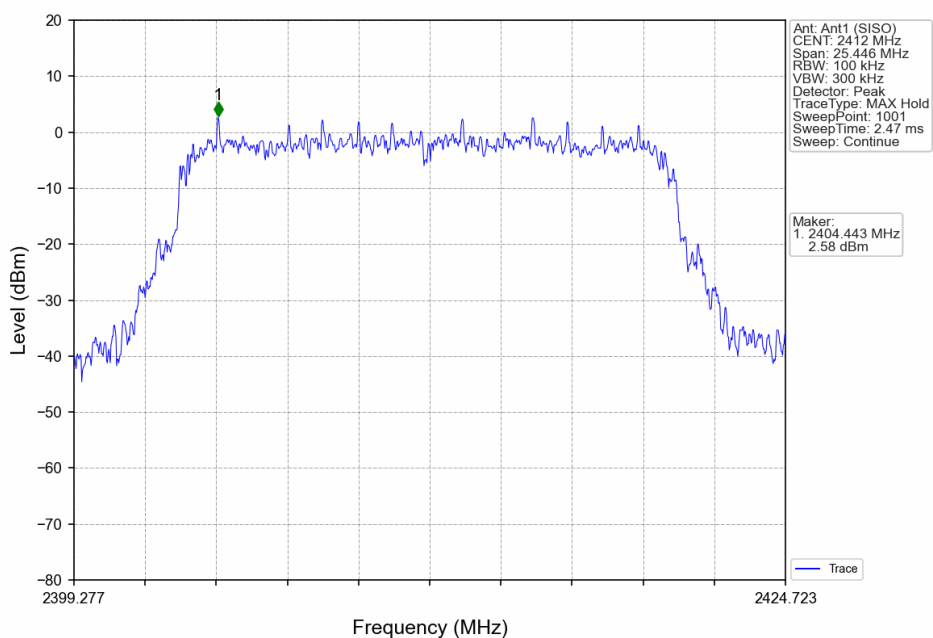
4.1.2 Test Graph



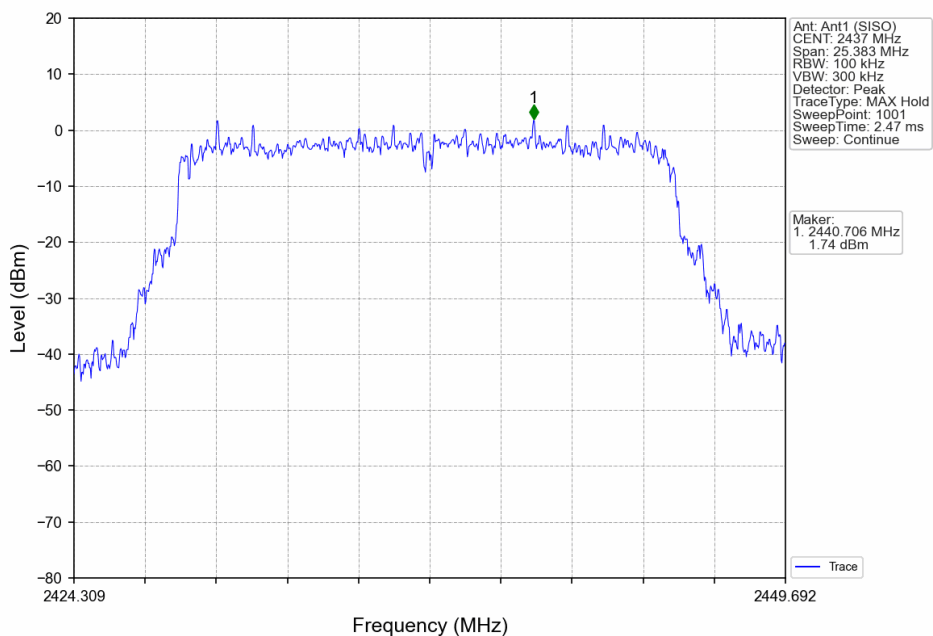
802.11b HCH 2462MHz Ant1 (SISO) NTN



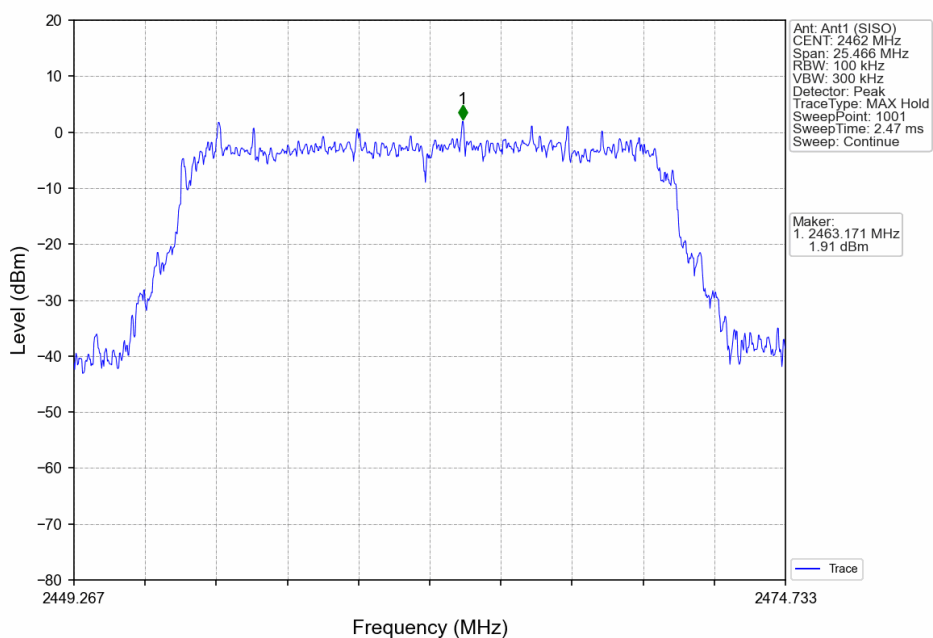
802.11g LCH 2412MHz Ant1 (SISO) NTN



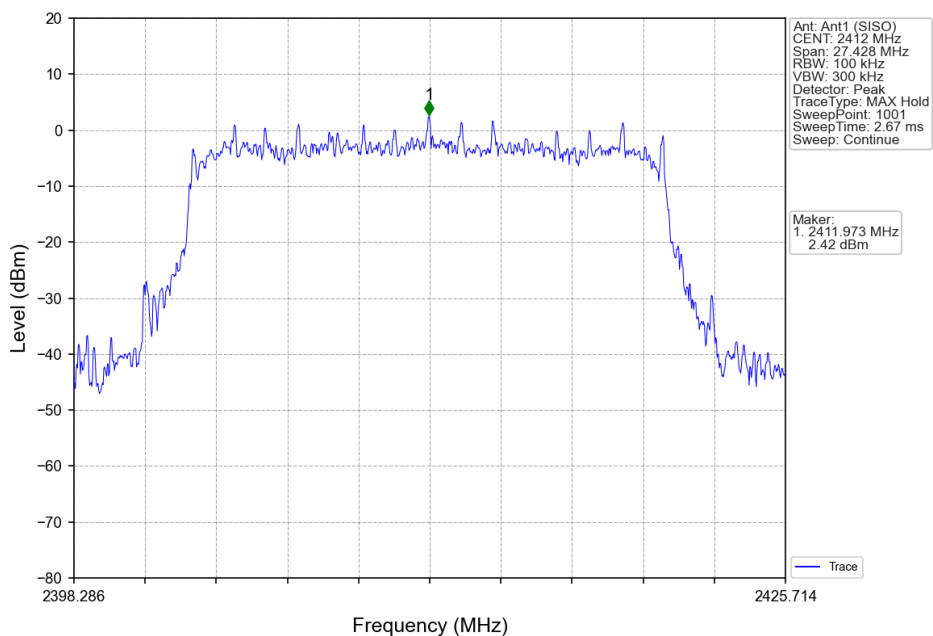
802.11g_MCH_2437MHz_Ant1 (SISO)_NTNV



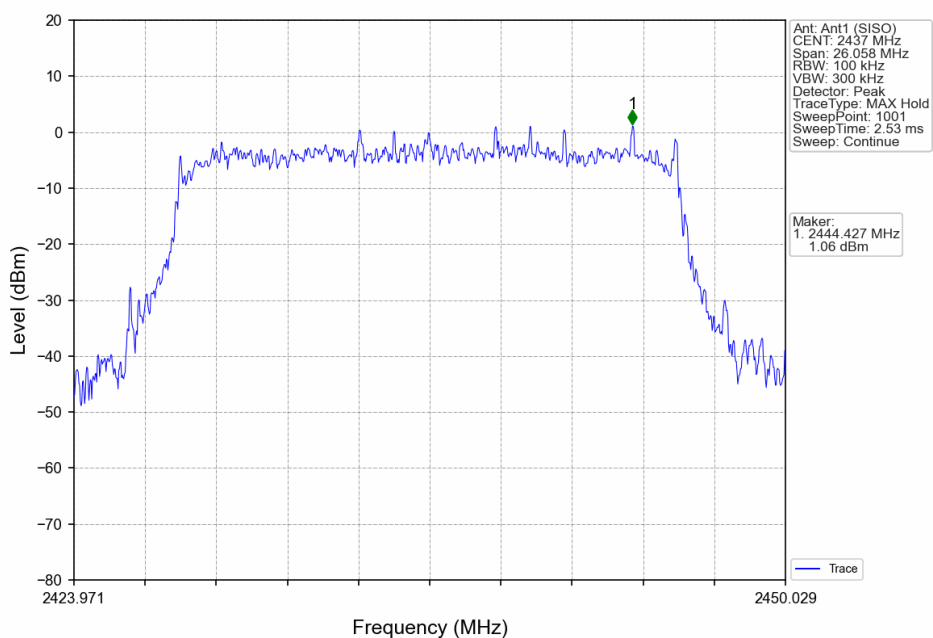
802.11g_HCH_2462MHz_Ant1 (SISO)_NTNV



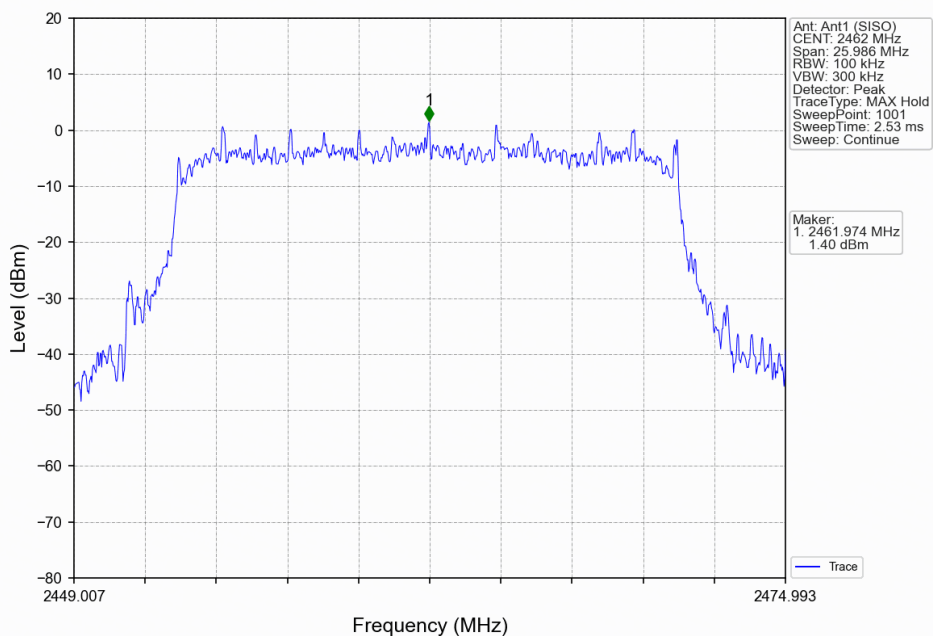
802.11n(HT20)_LCH_2412MHz_Ant1 (SISO)_NTNV



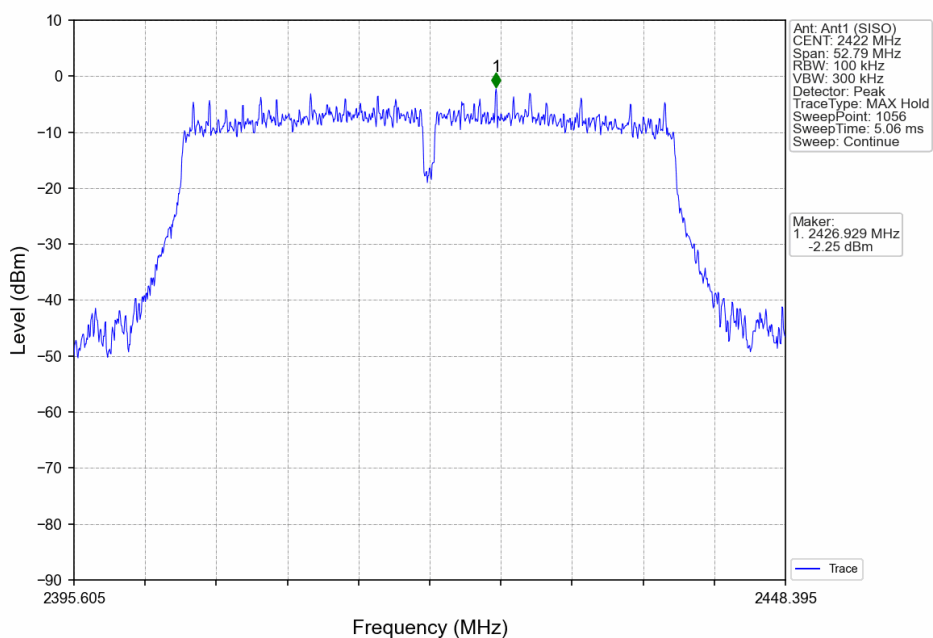
802.11n(HT20)_MCH_2437MHz_Ant1 (SISO)_NTNV



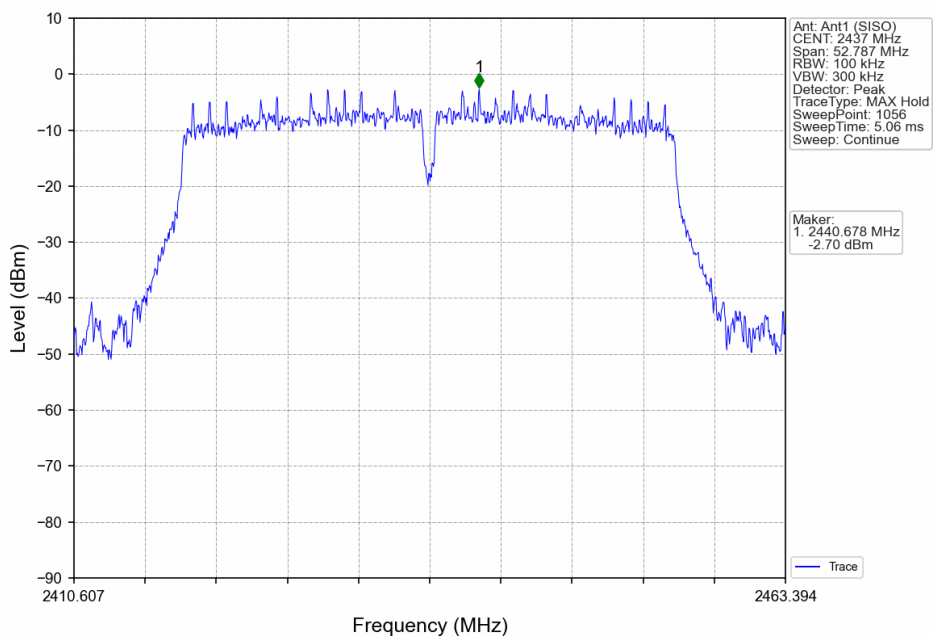
802.11n(HT20)_HCH_2462MHz_Ant1 (SISO)_NTNV



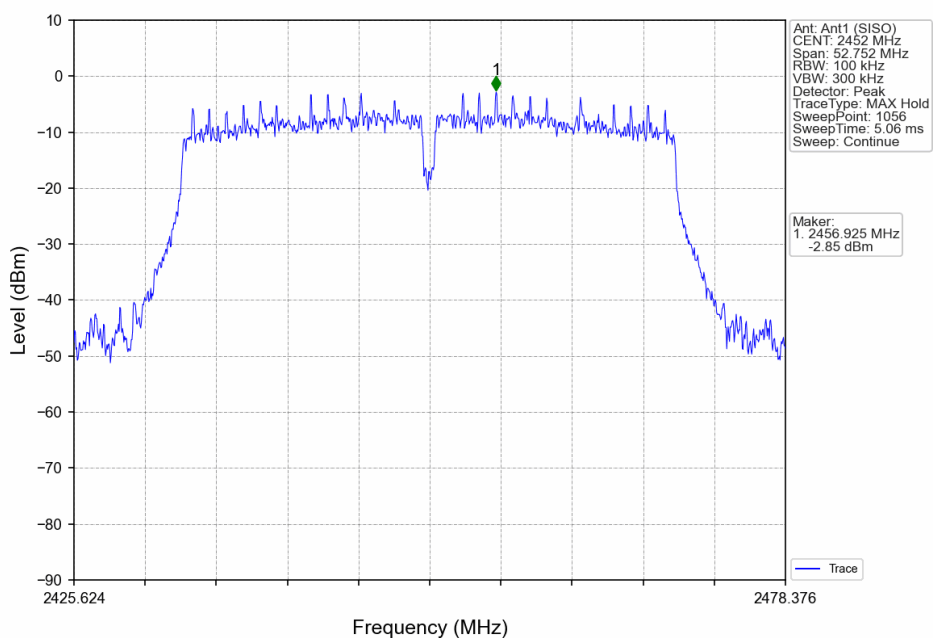
802.11n(HT40)_LCH_2422MHz_Ant1 (SISO)_NTNV



802.11n(HT40)_MCH_2437MHz_Ant1 (SISO)_NTNV



802.11n(HT40)_HCH_2452MHz_Ant1 (SISO)_NTNV

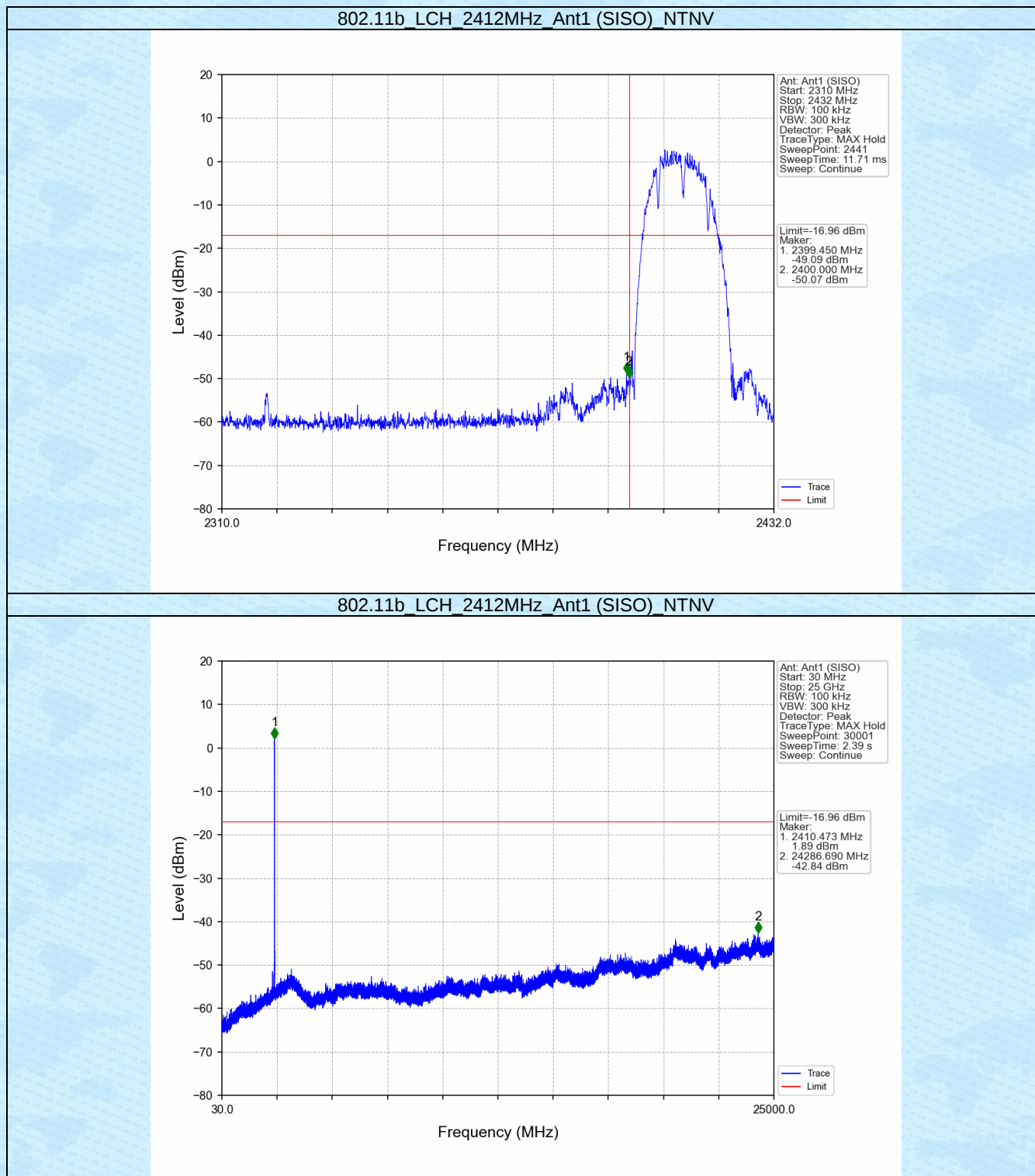


4.2 CSE

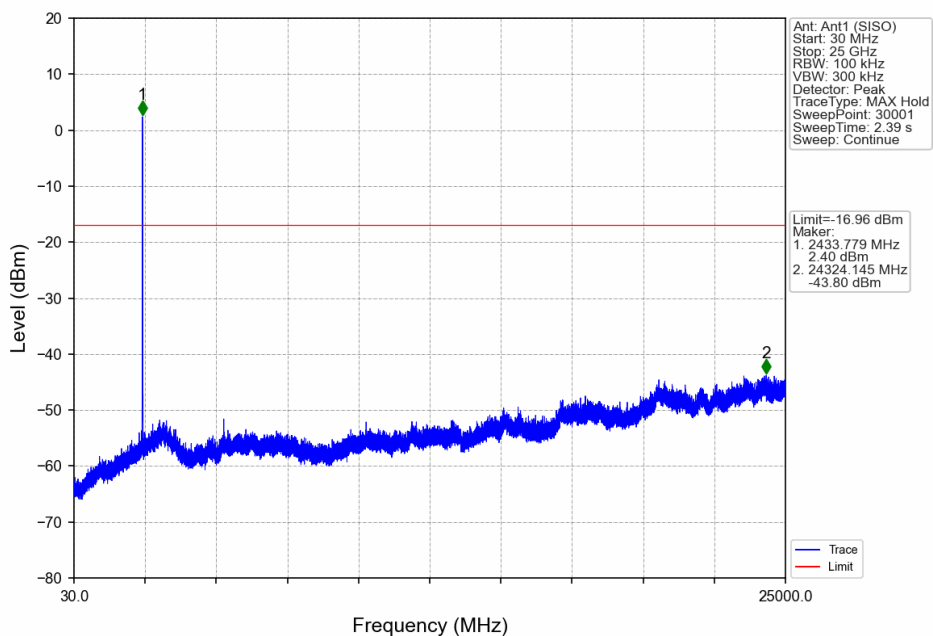
4.2.1 Test Result

Mode	TX Type	Frequency (MHz)	ANT	Level of Reference (dBm)	Limit (dBm)	Verdict
802.11b	SISO	2412	1	3.04	-16.96	Pass
		2437	1	3.04	-16.96	Pass
		2462	1	3.04	-16.96	Pass
802.11g	SISO	2412	1	2.58	-17.42	Pass
		2437	1	2.58	-17.42	Pass
		2462	1	2.58	-17.42	Pass
802.11n (HT20)	SISO	2412	1	2.42	-17.58	Pass
		2437	1	2.42	-17.58	Pass
		2462	1	2.42	-17.58	Pass
802.11n (HT40)	SISO	2422	1	-2.25	-22.25	Pass
		2437	1	-2.25	-22.25	Pass
		2452	1	-2.25	-22.25	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.						

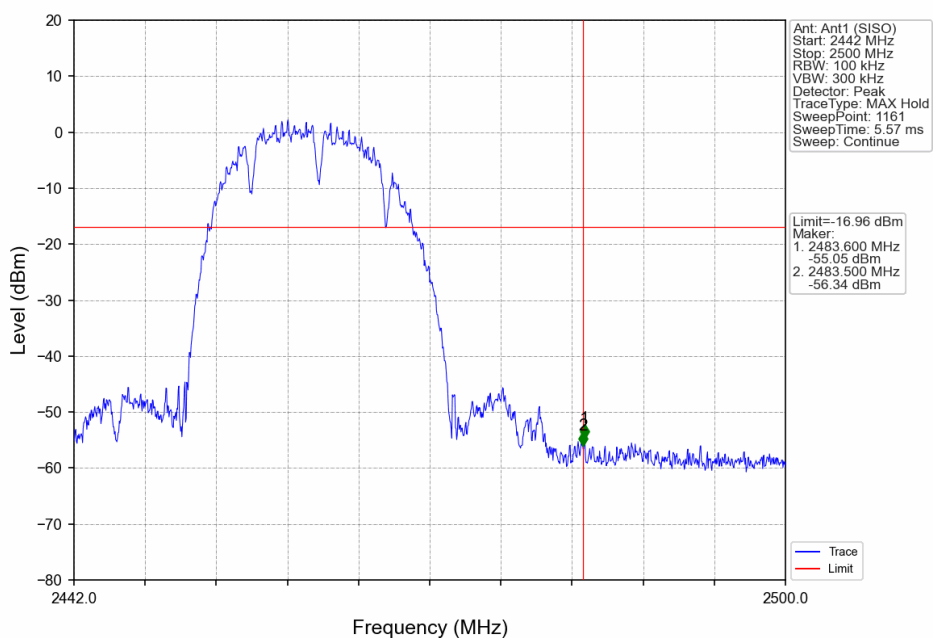
4.2.2 Test Graph



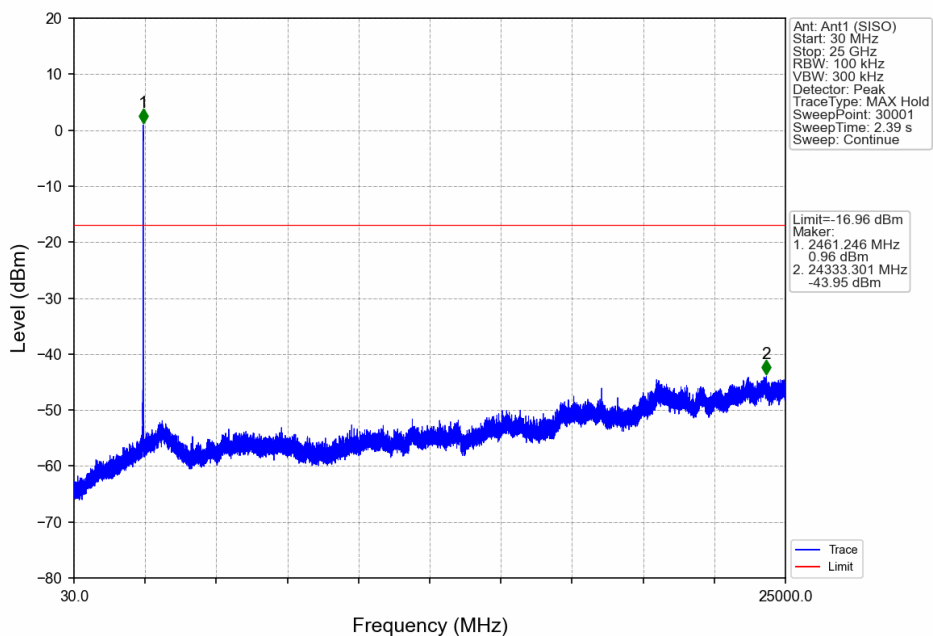
802.11b_MCH_2437MHz_Ant1 (SISO)_NTNV



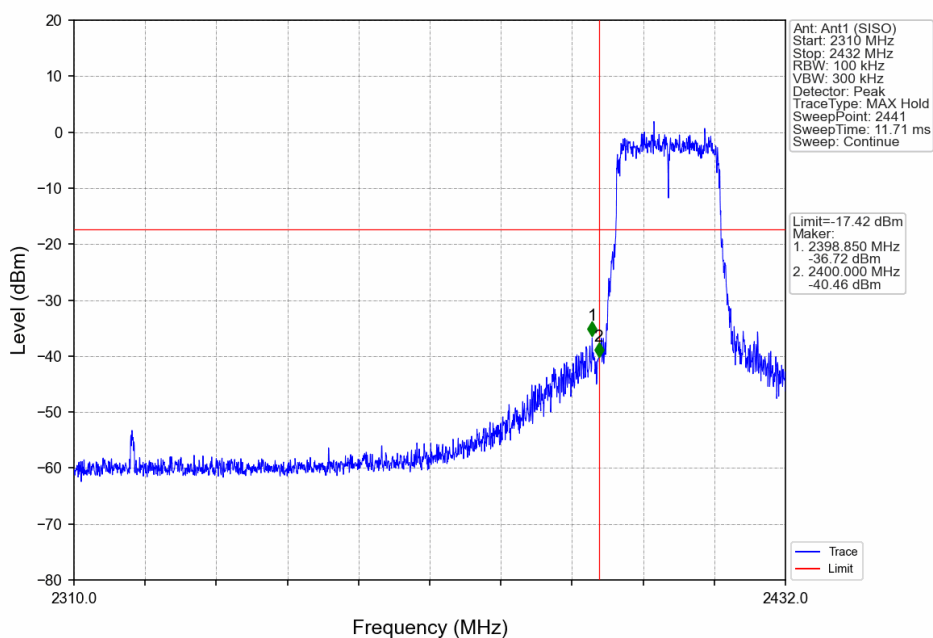
802.11b_HCH_2462MHz_Ant1 (SISO)_NTNV



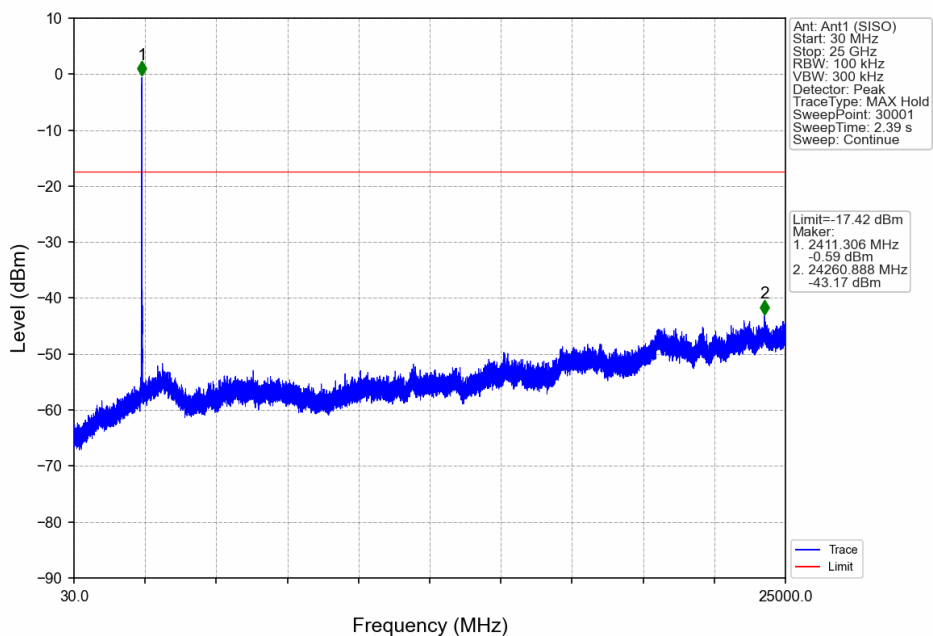
802.11b HCH 2462MHz_Ant1 (SISO)_NTNV



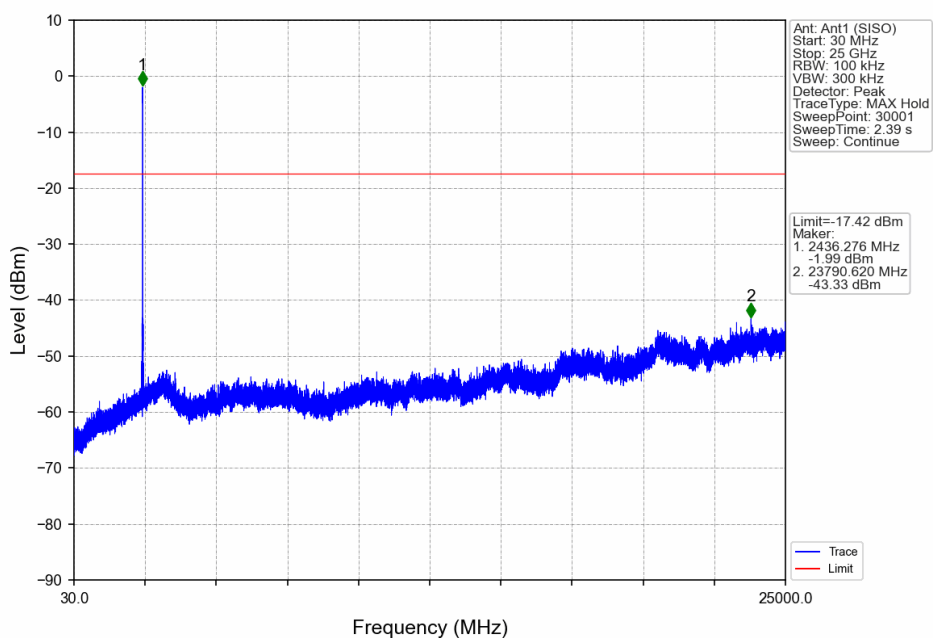
802.11g LCH 2412MHz_Ant1 (SISO)_NTNV



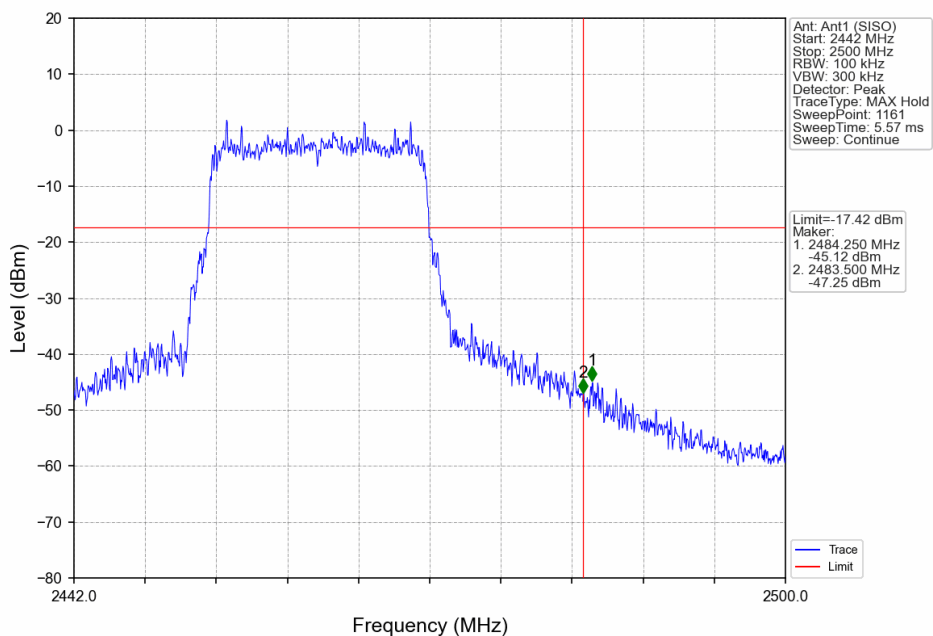
802.11g_LCH_2412MHz_Ant1 (SISO)_NTNV



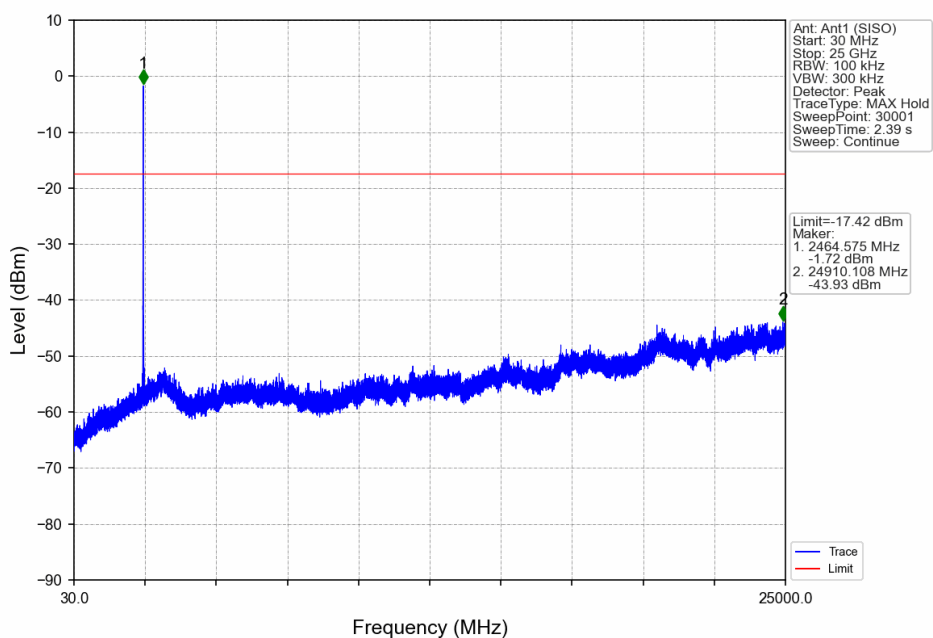
802.11g_MCH_2437MHz_Ant1 (SISO)_NTNV



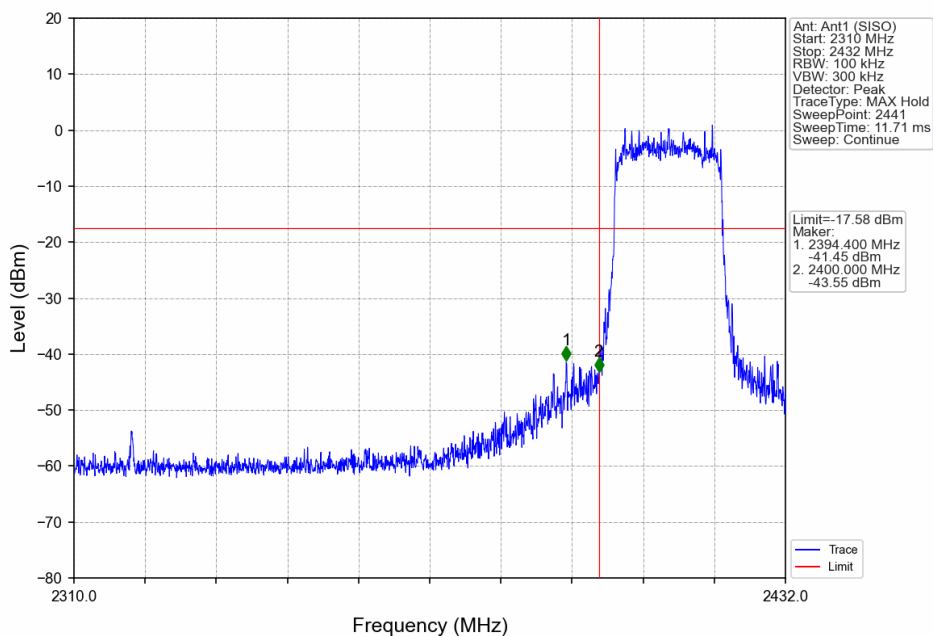
802.11g HCH 2462MHz Ant1 (SISO) NTN



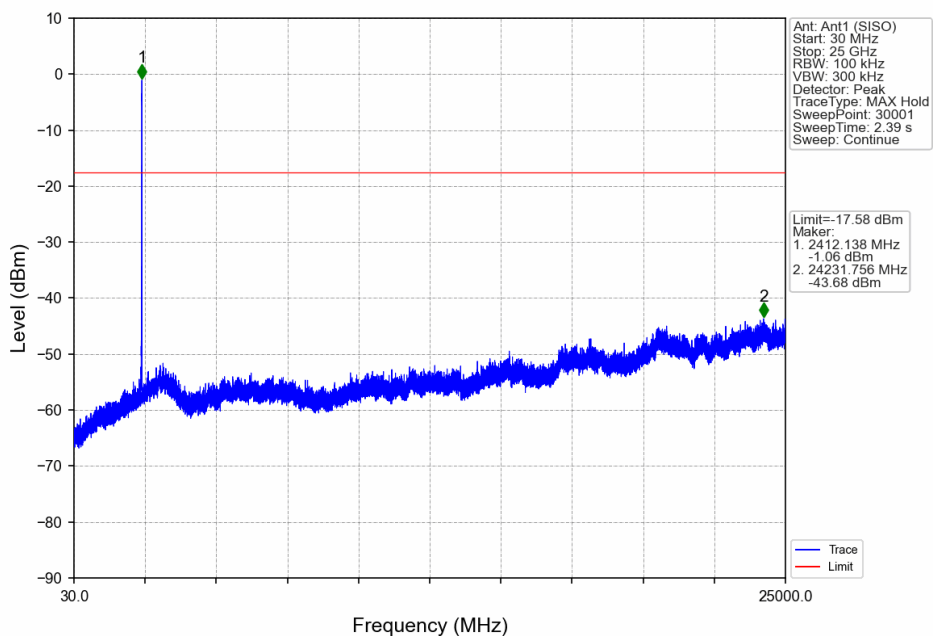
802.11g HCH 2462MHz Ant1 (SISO) NTN



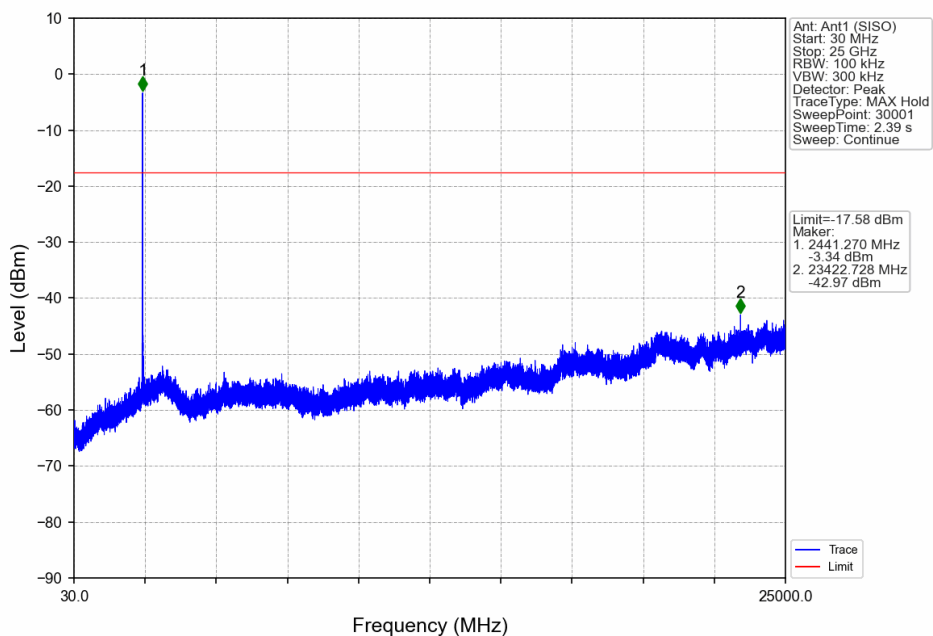
802.11n(HT20)_LCH_2412MHz_Ant1 (SISO)_NTNV



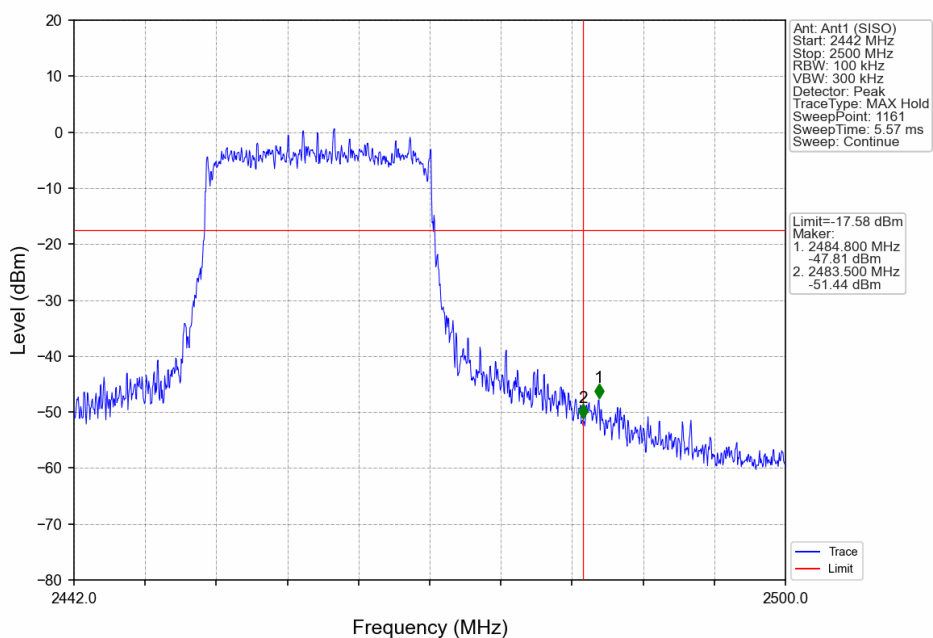
802.11n(HT20)_LCH_2412MHz_Ant1 (SISO)_NTNV



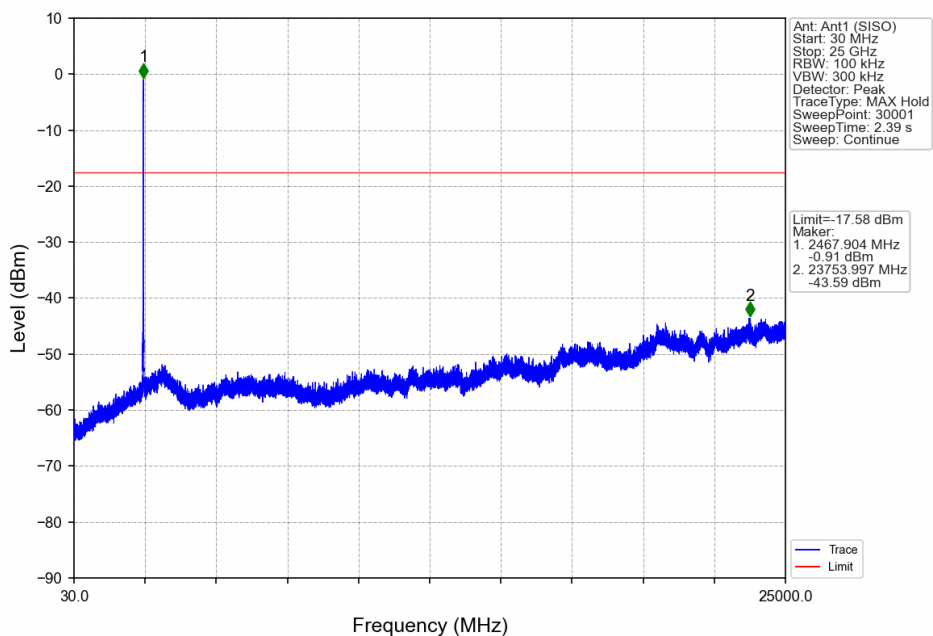
802.11n(HT20)_MCH_2437MHz_Ant1 (SISO)_NTNV



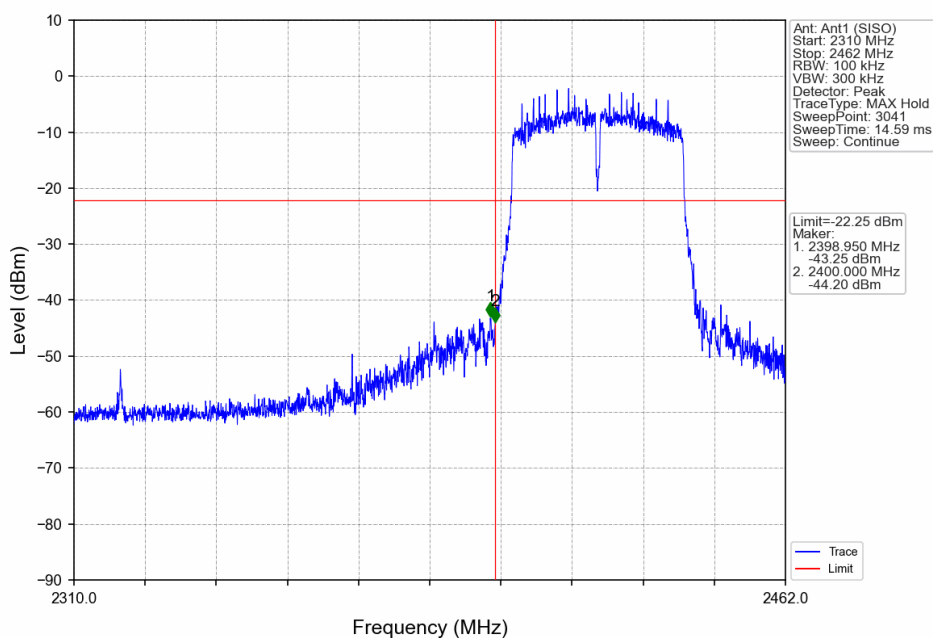
802.11n(HT20)_HCH_2462MHz_Ant1 (SISO)_NTNV



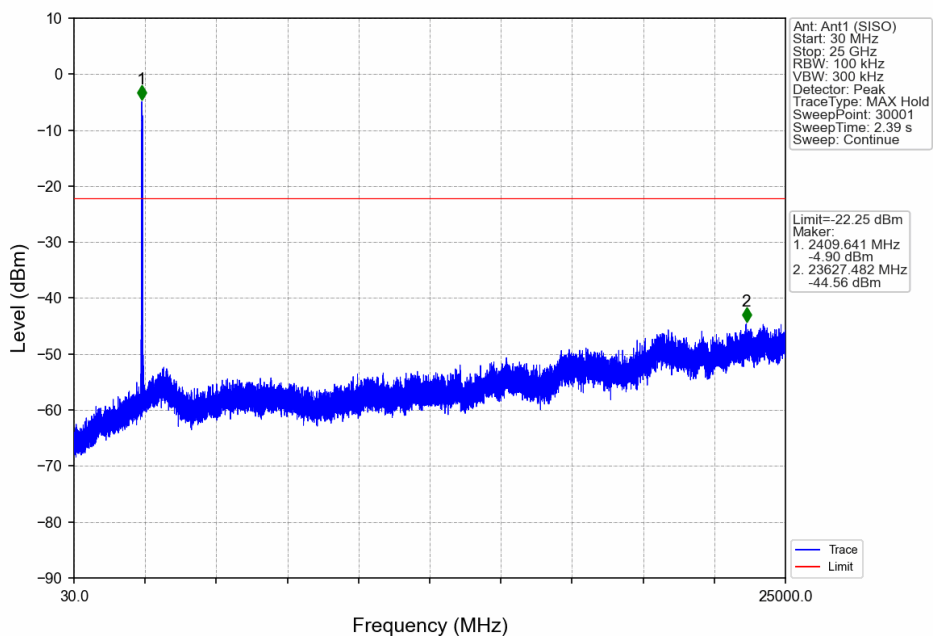
802.11n(HT20)_HCH_2462MHz_Ant1 (SISO)_NTNV



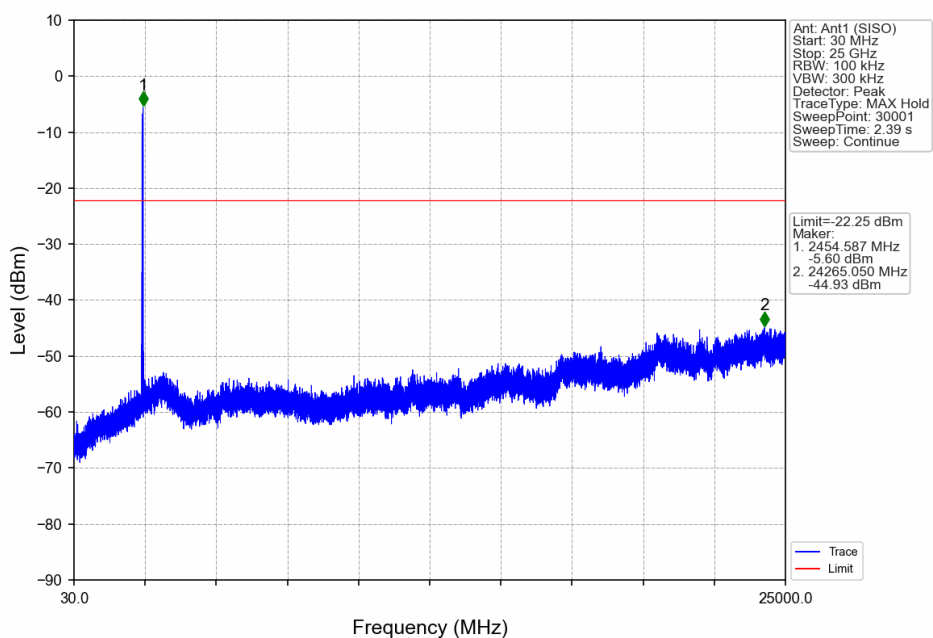
802.11n(HT40)_LCH_2422MHz_Ant1 (SISO)_NTNV



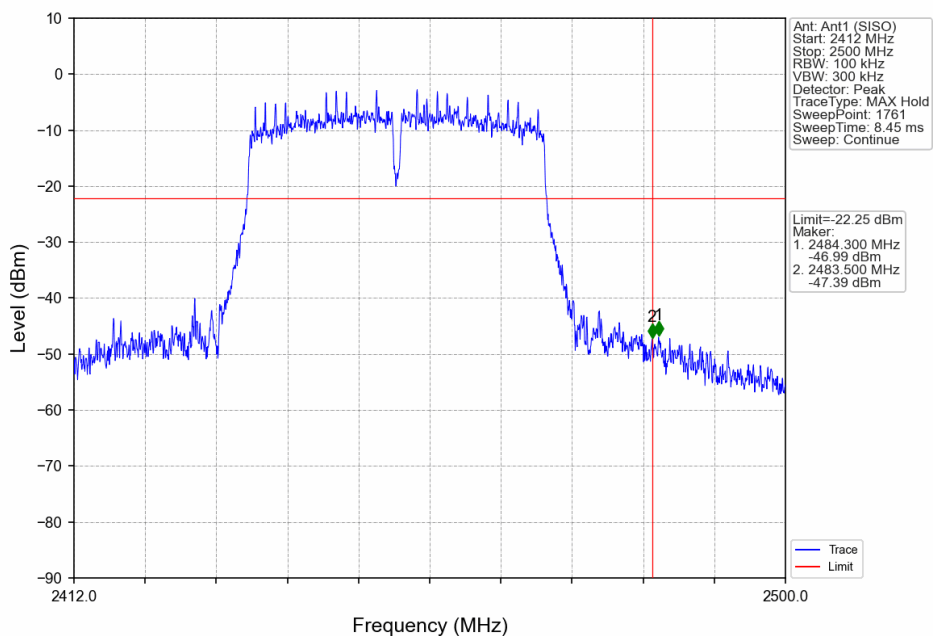
802.11n(HT40)_LCH_2422MHz_Ant1 (SISO)_NTNV



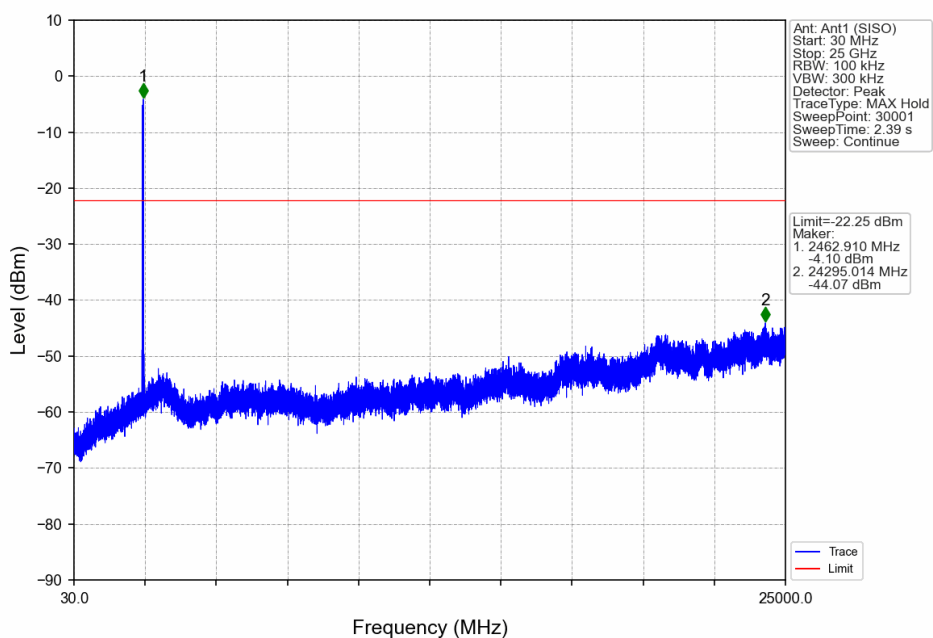
802.11n(HT40)_MCH_2437MHz_Ant1 (SISO)_NTNV



802.11n(HT40)_HCH_2452MHz_Ant1 (SISO)_NTNV



802.11n(HT40)_HCH_2452MHz_Ant1 (SISO)_NTNV



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