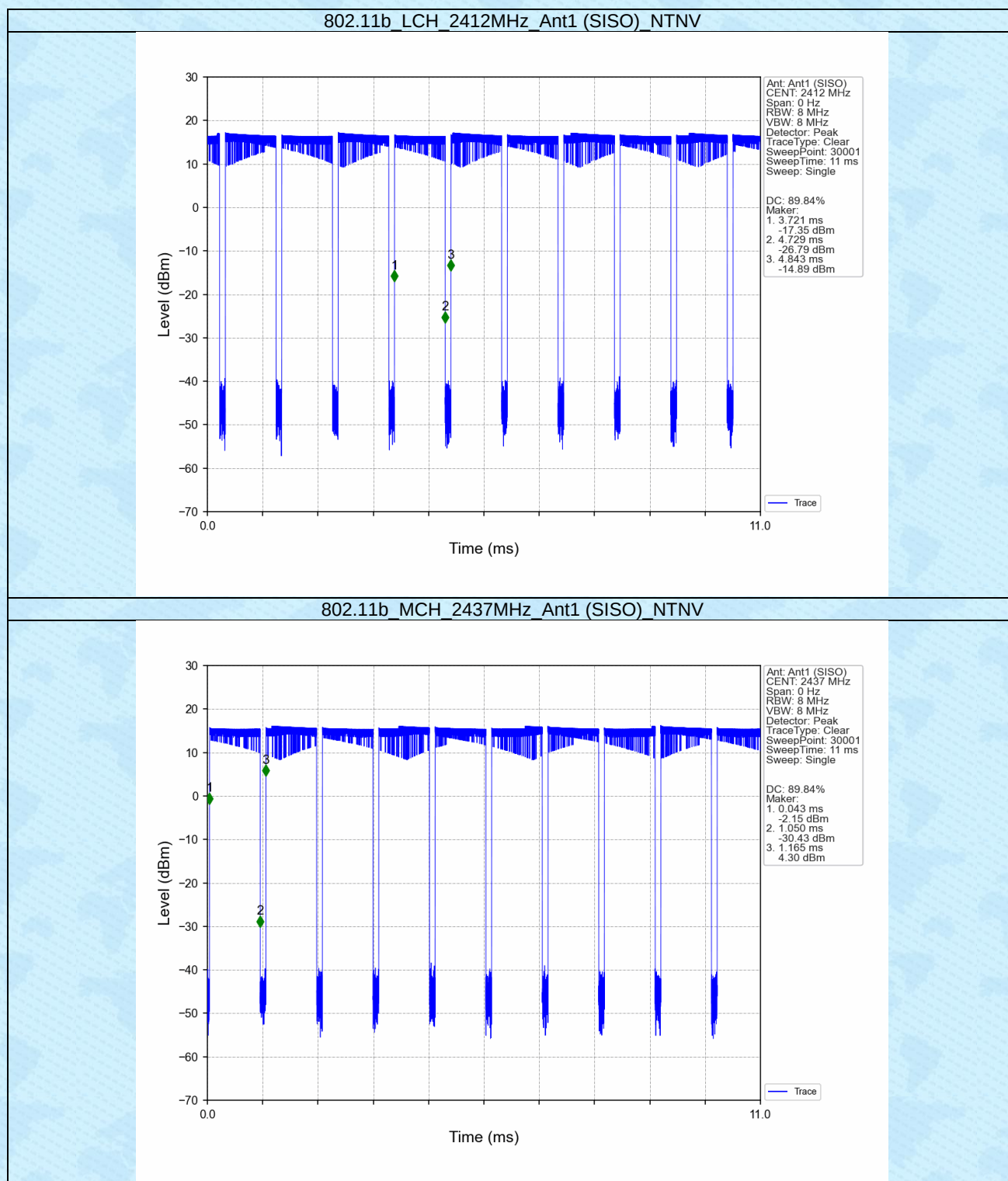


1. Duty Cycle

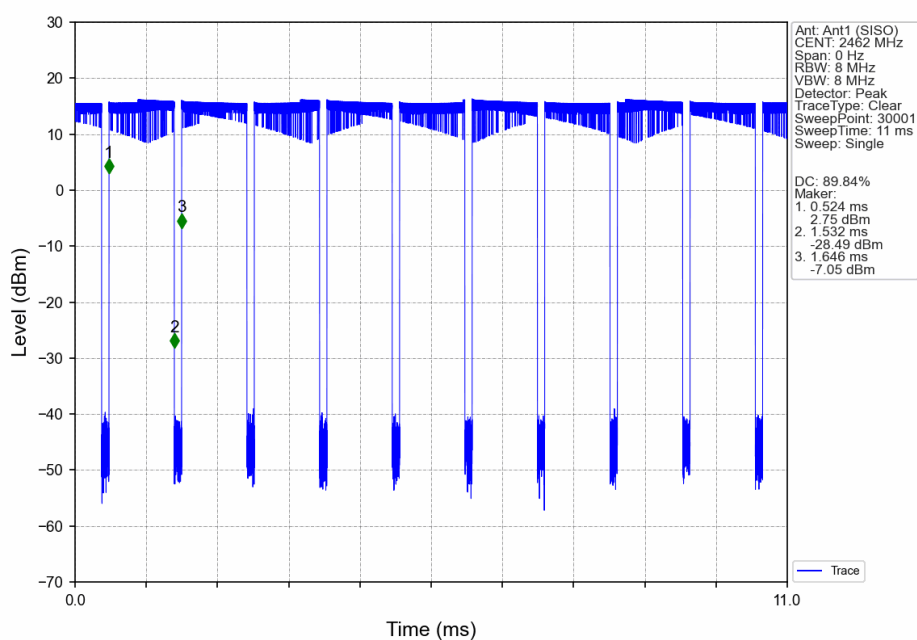
1.1 Test Result

Ant1							
Mode	TX Type	Frequency (MHz)	T_on (ms)	Period (ms)	Duty Cycle (%)	Duty Cycle Correction Factor (dB)	Max. DC Variation (%)
802.11b	SISO	2412	1.008	1.122	89.84	0.47	0.09
		2437	1.008	1.122	89.84	0.47	0.09
		2462	1.008	1.122	89.84	0.47	0.09
802.11g	SISO	2412	0.617	0.686	89.94	0.46	0.15
		2437	0.617	0.686	89.94	0.46	0.16
		2462	0.617	0.686	89.94	0.46	0.16
802.11n (HT20)	SISO	2412	0.613	0.683	89.75	0.47	0.19
		2437	0.613	0.683	89.75	0.47	0.12
		2462	0.612	0.682	89.74	0.47	0.12
802.11n (HT40)	SISO	2422	0.613	0.683	89.75	0.47	0.28
		2437	0.613	0.683	89.75	0.47	0.25
		2452	0.613	0.683	89.75	0.47	0.24

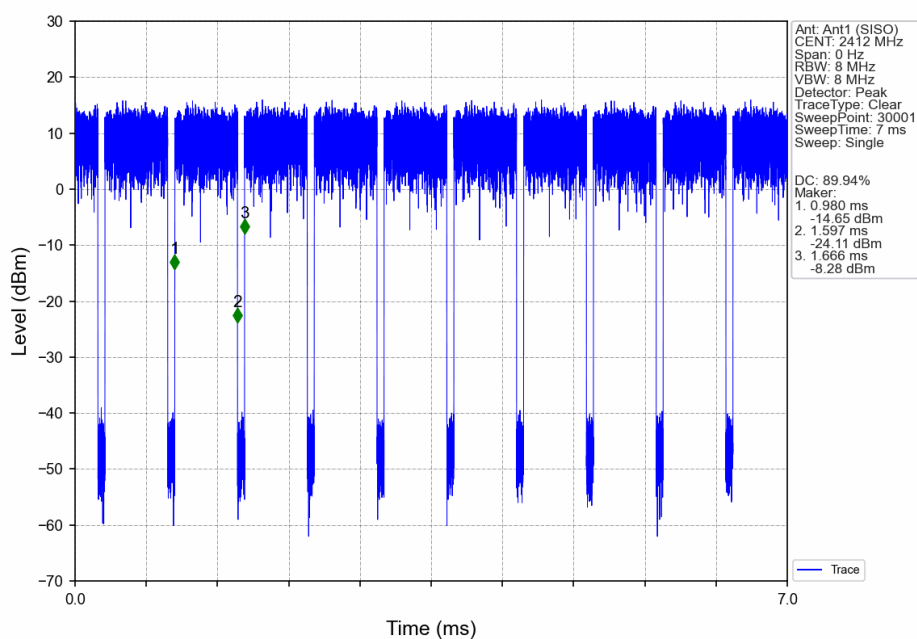
1.2 Test Graph



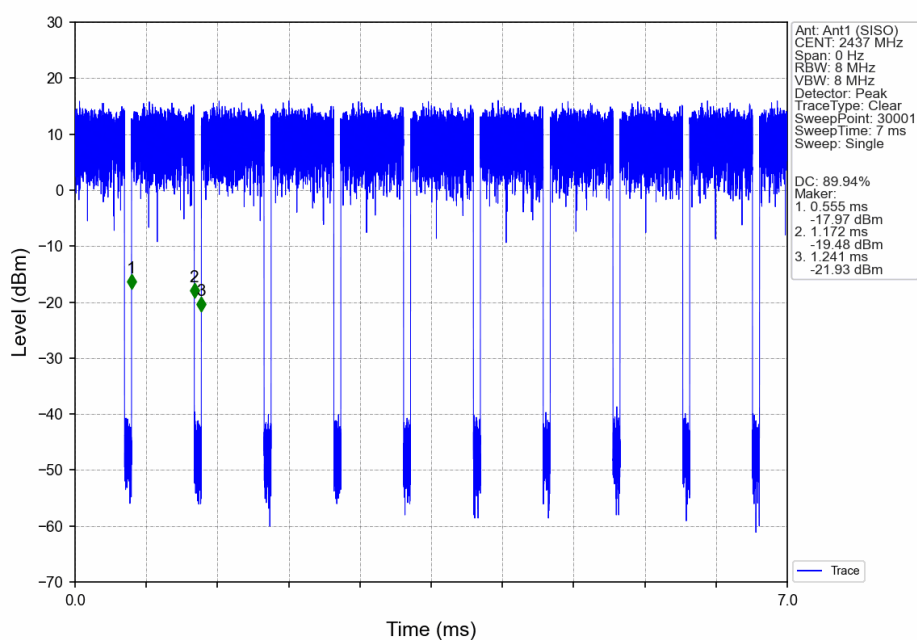
802.11b_HCH_2462MHz_Ant1 (SISO)_NTNV



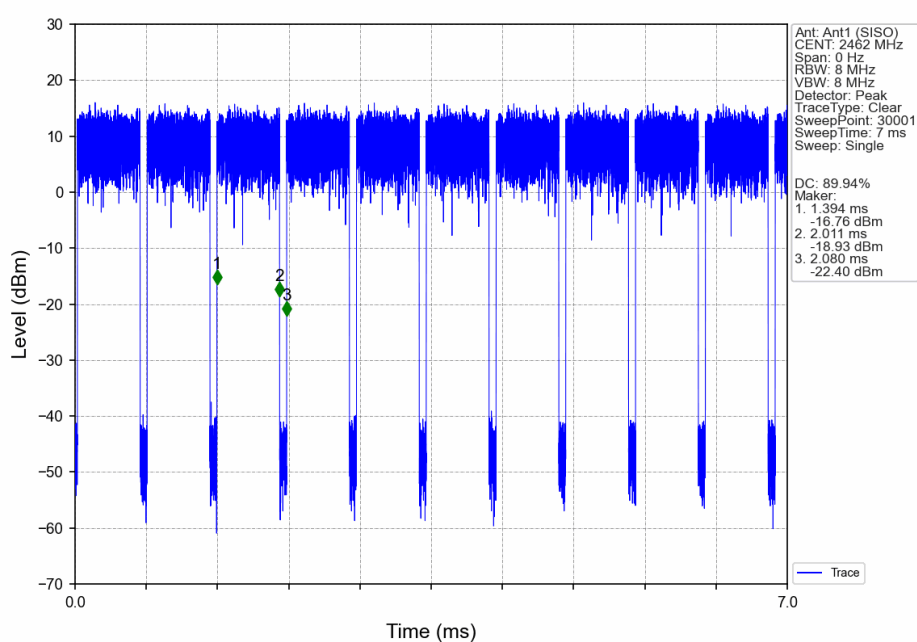
802.11g_LCH_2412MHz_Ant1 (SISO)_NTNV



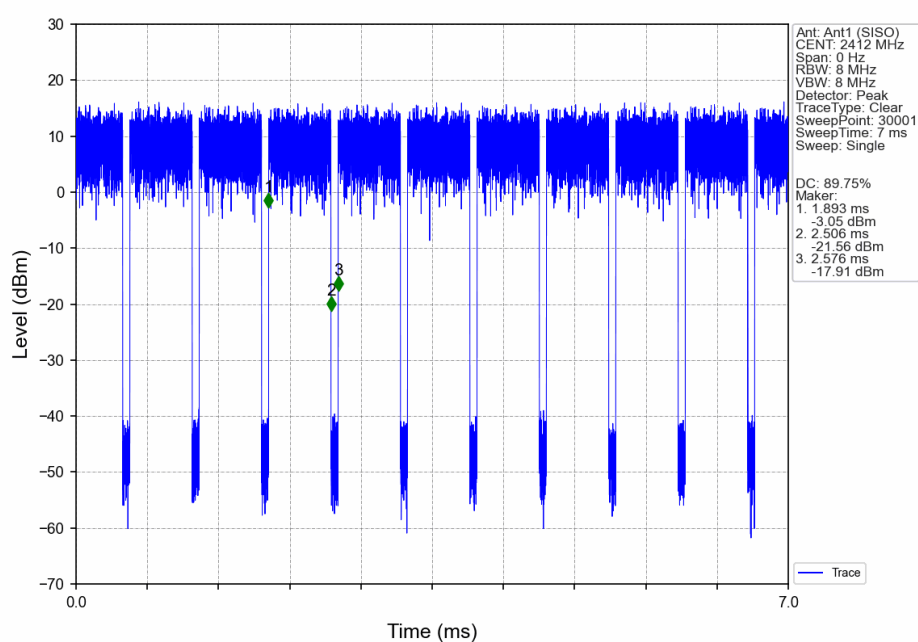
802.11g_MCH_2437MHz_Ant1 (SISO)_NTNV



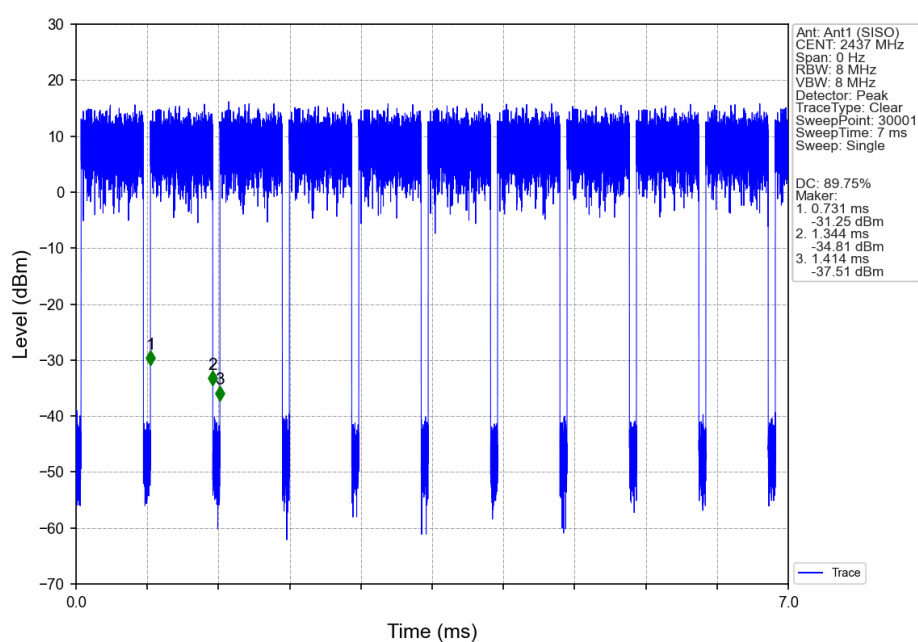
802.11g_HCH_2462MHz_Ant1 (SISO)_NTNV



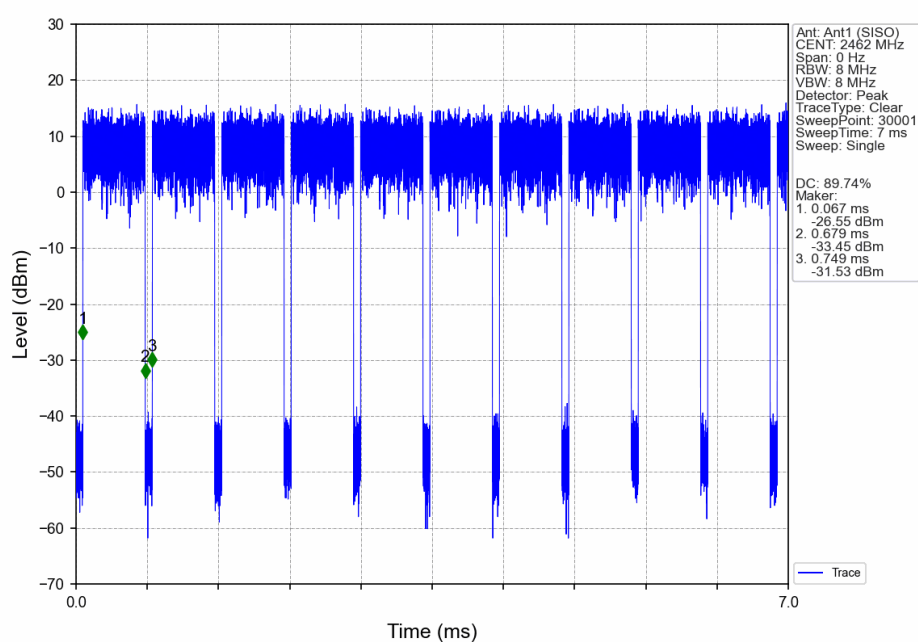
802.11n(HT20)_LCH_2412MHz_Ant1 (SISO)_NTNV



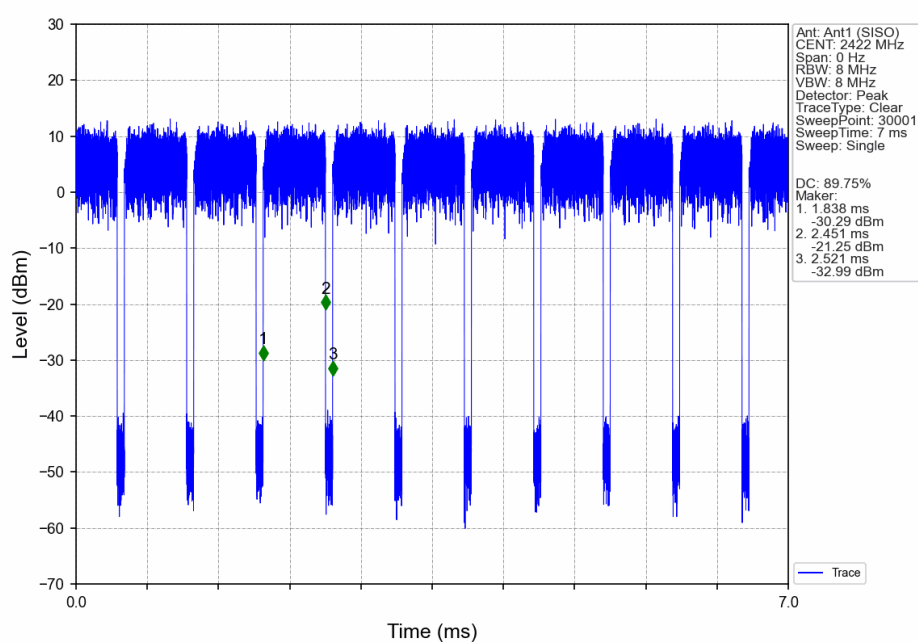
802.11n(HT20)_MCH_2437MHz_Ant1 (SISO)_NTNV



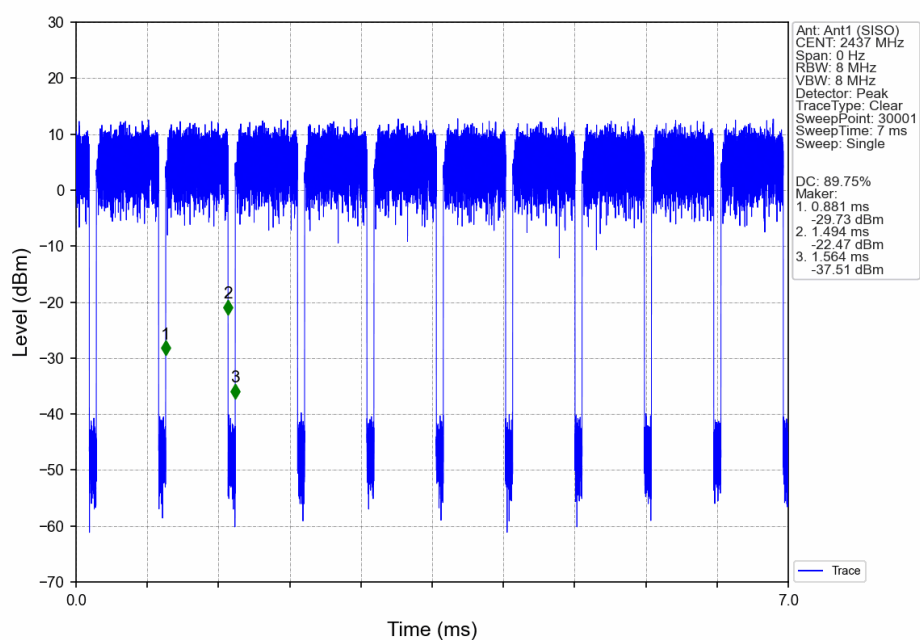
802.11n(HT20)_HCH_2462MHz_Ant1 (SISO)_NTNV



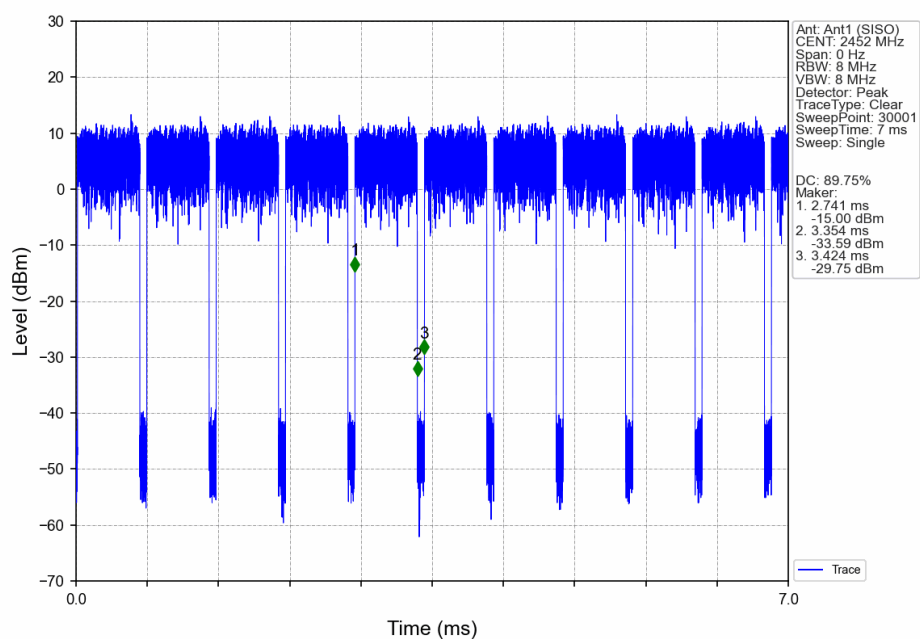
802.11n(HT40)_LCH_2422MHz_Ant1 (SISO)_NTNV



802.11n(HT40)_MCH_2437MHz_Ant1 (SISO)_NTNV



802.11n(HT40)_HCH_2452MHz_Ant1 (SISO)_NTNV



2. Bandwidth

2.1 Test Result

2.1.1 OBW

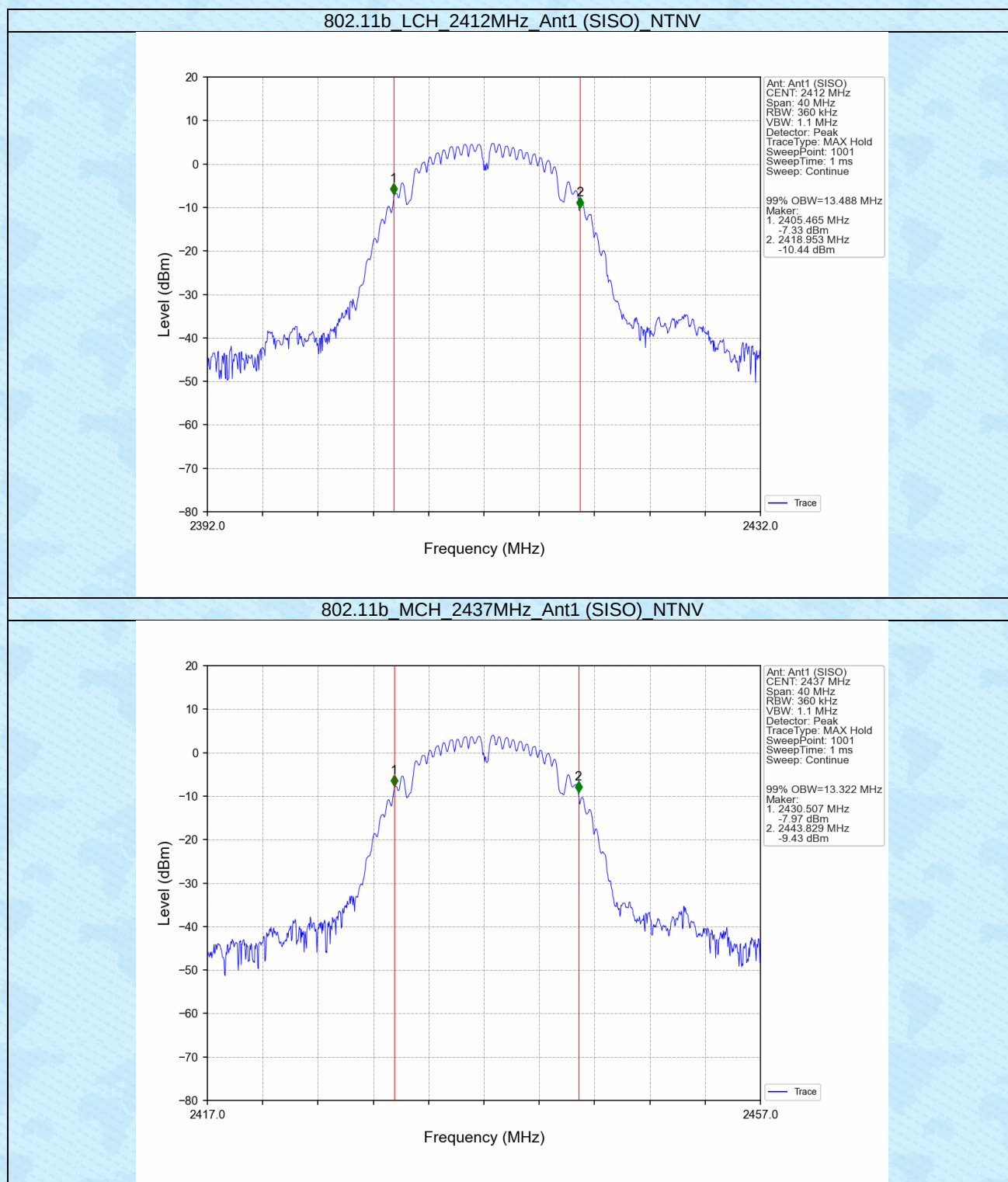
Mode	TX Type	Frequency (MHz)	ANT	99% Occupied Bandwidth (MHz)		Verdict
				Result	Limit	
802.11b	SISO	2412	1	13.488	/	Pass
		2437	1	13.322	/	Pass
		2462	1	13.340	/	Pass
802.11g	SISO	2412	1	18.671	/	Pass
		2437	1	18.660	/	Pass
		2462	1	18.637	/	Pass
802.11n (HT20)	SISO	2412	1	19.457	/	Pass
		2437	1	19.420	/	Pass
		2462	1	19.402	/	Pass
802.11n (HT40)	SISO	2422	1	38.812	/	Pass
		2437	1	38.687	/	Pass
		2452	1	38.607	/	Pass

2.1.2 6dB BW

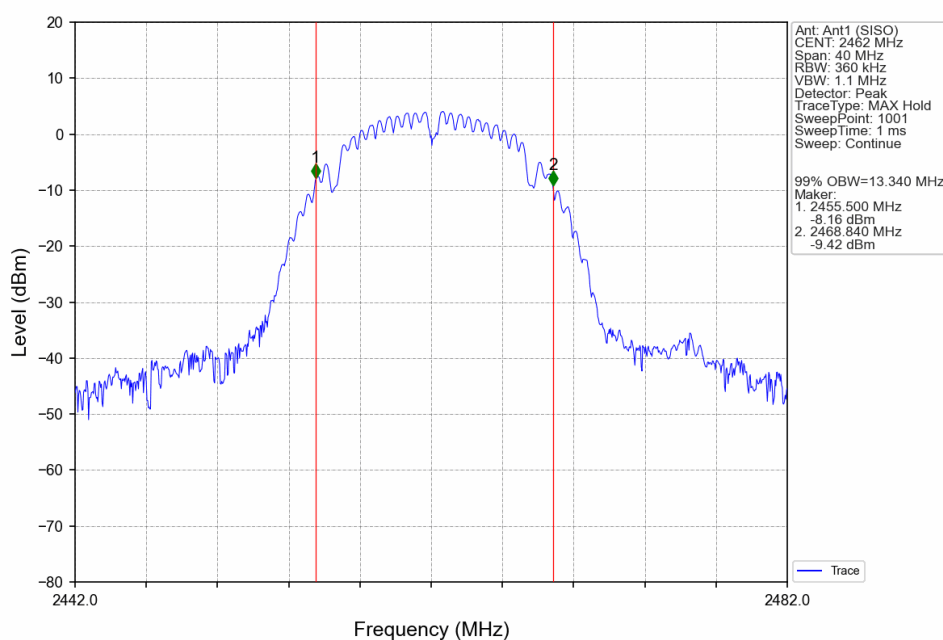
Mode	TX Type	Frequency (MHz)	ANT	6dB Bandwidth (MHz)		Verdict
				Result	Limit	
802.11b	SISO	2412	1	10.080	≥ 0.5	Pass
		2437	1	10.046	≥ 0.5	Pass
		2462	1	10.068	≥ 0.5	Pass
802.11g	SISO	2412	1	16.386	≥ 0.5	Pass
		2437	1	16.376	≥ 0.5	Pass
		2462	1	16.383	≥ 0.5	Pass
802.11n (HT20)	SISO	2412	1	17.602	≥ 0.5	Pass
		2437	1	17.607	≥ 0.5	Pass
		2462	1	17.613	≥ 0.5	Pass
802.11n (HT40)	SISO	2422	1	36.389	≥ 0.5	Pass
		2437	1	36.389	≥ 0.5	Pass
		2452	1	36.387	≥ 0.5	Pass

2.2 Test Graph

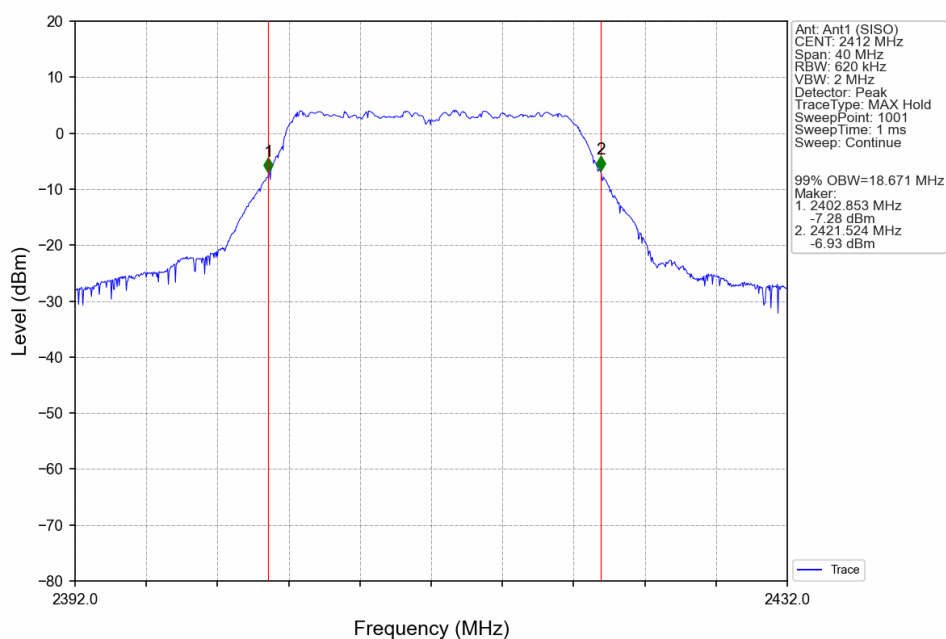
2.2.1 OBW



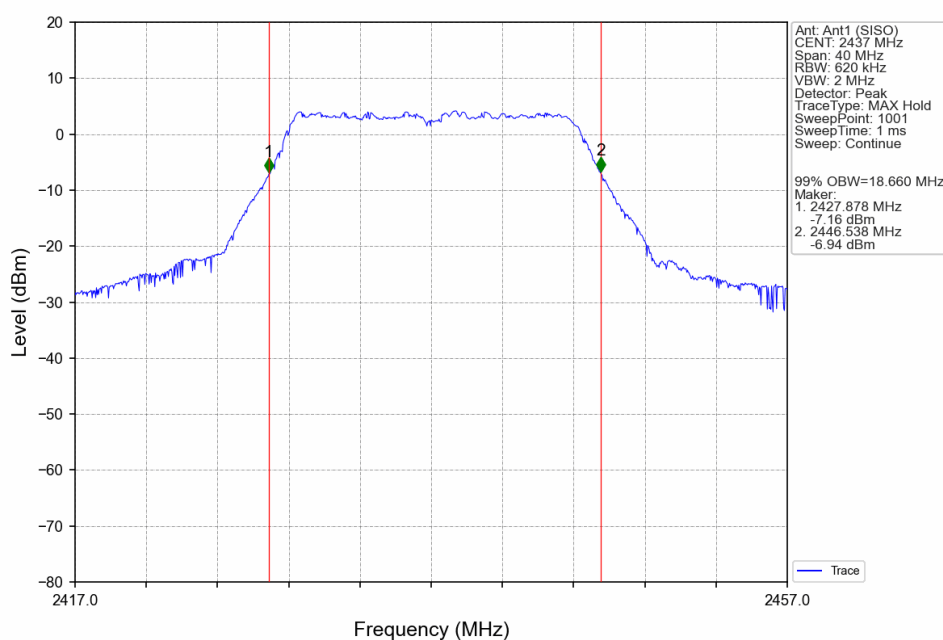
802.11b_HCH_2462MHz_Ant1 (SISO)_NTNV



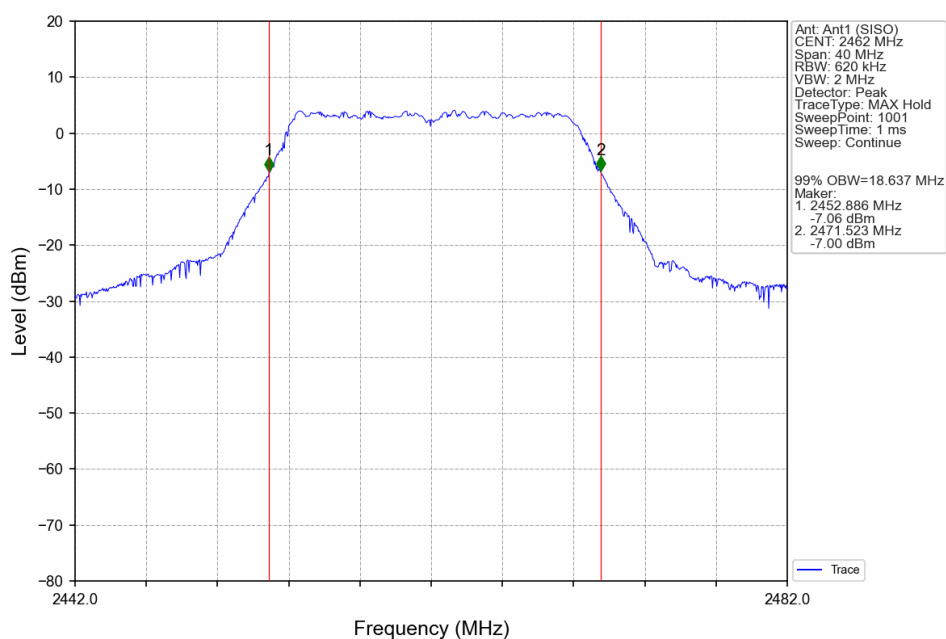
802.11g_LCH_2412MHz_Ant1 (SISO)_NTNV



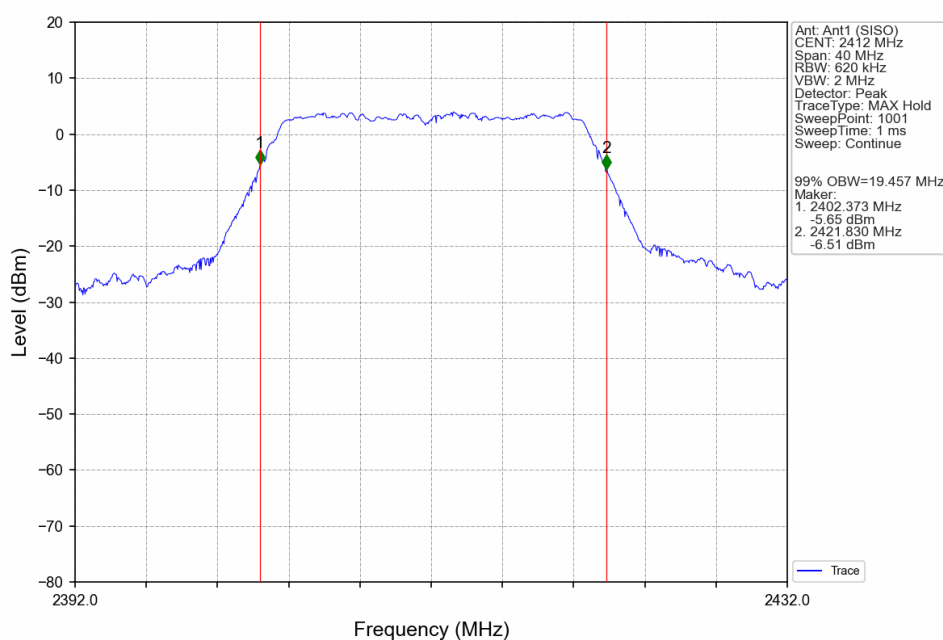
802.11g_MCH_2437MHz_Ant1 (SISO)_NTNV



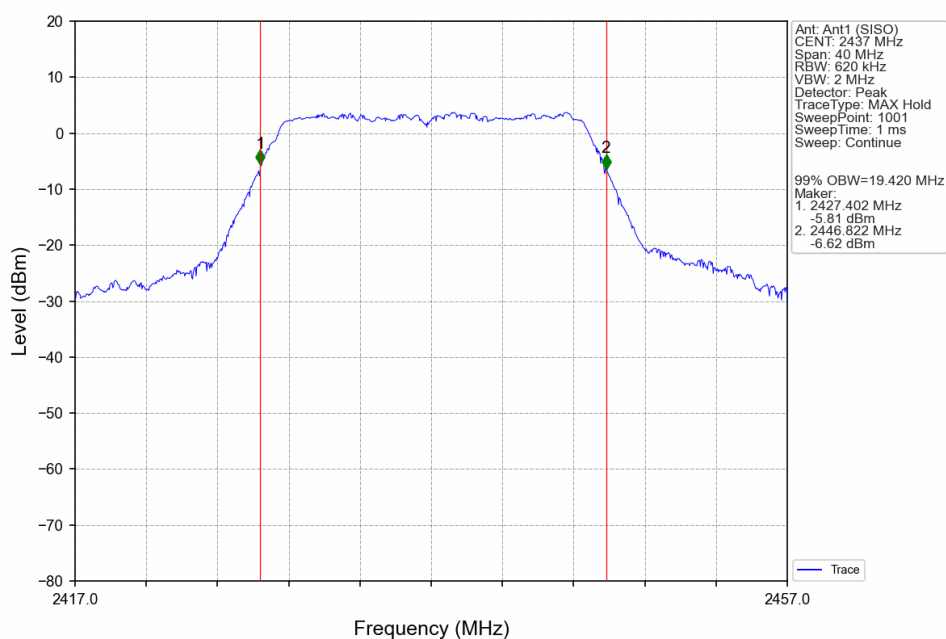
802.11g_HCH_2462MHz_Ant1 (SISO)_NTNV



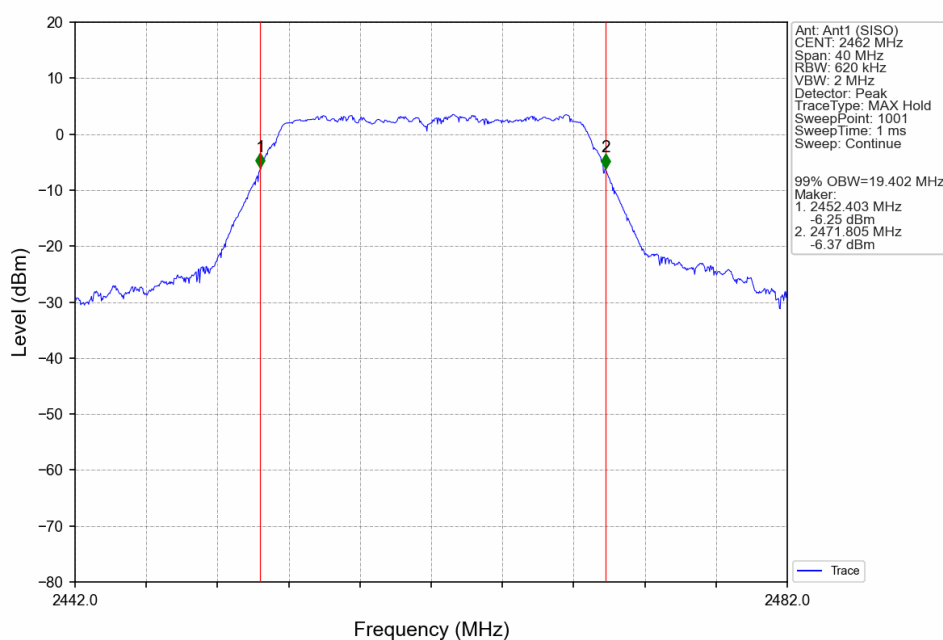
802.11n(HT20)_LCH_2412MHz_Ant1 (SISO)_NTNV



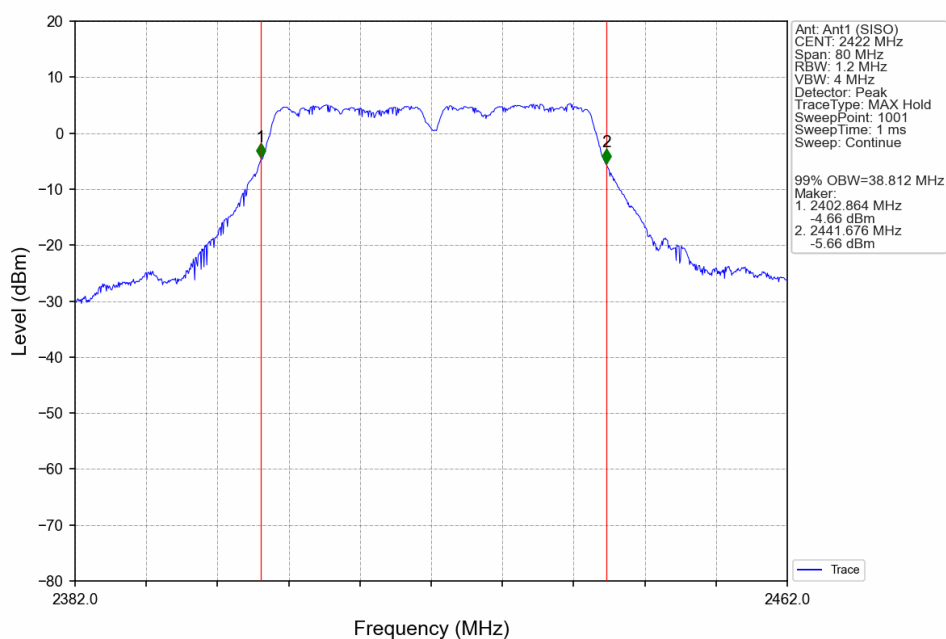
802.11n(HT20)_MCH_2437MHz_Ant1 (SISO)_NTNV



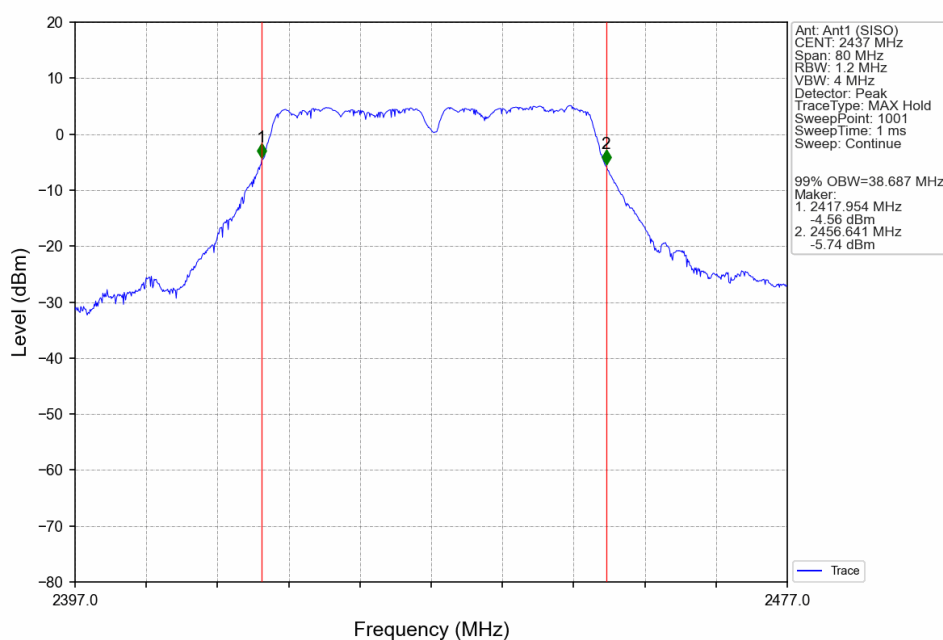
802.11n(HT20)_HCH_2462MHz_Ant1 (SISO)_NTNV



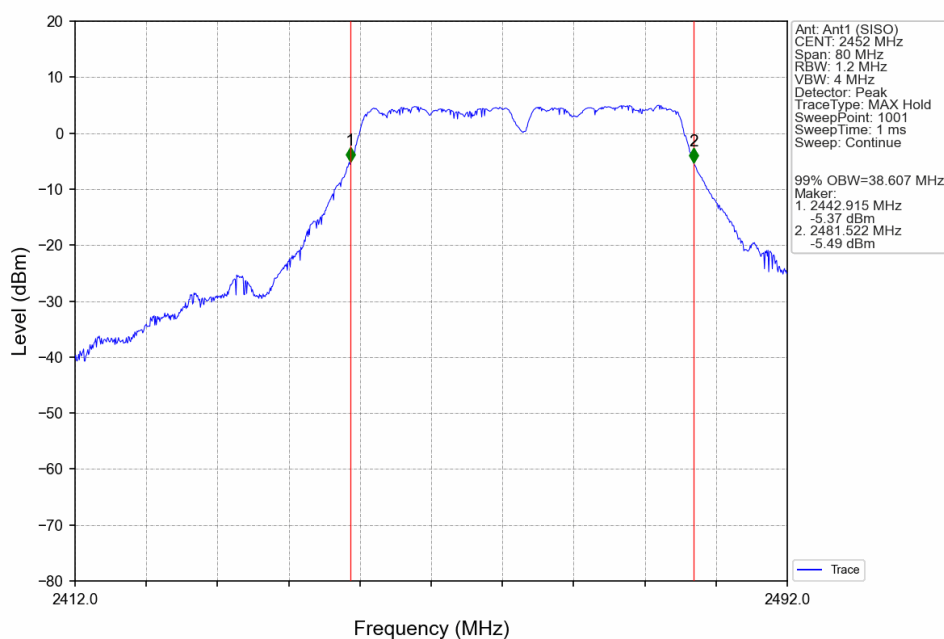
802.11n(HT40)_LCH_2422MHz_Ant1 (SISO)_NTNV



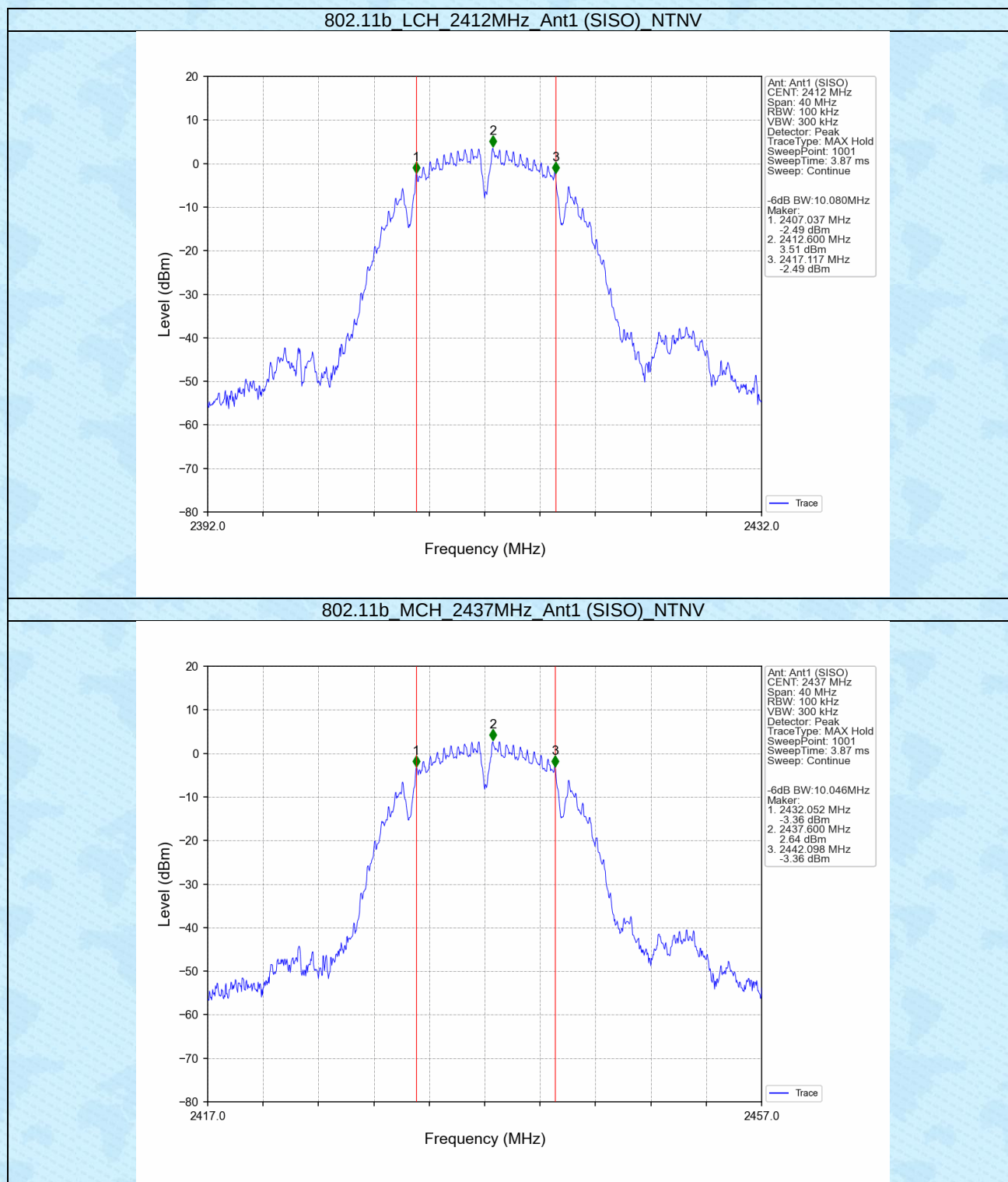
802.11n(HT40)_MCH_2437MHz_Ant1 (SISO)_NTNV



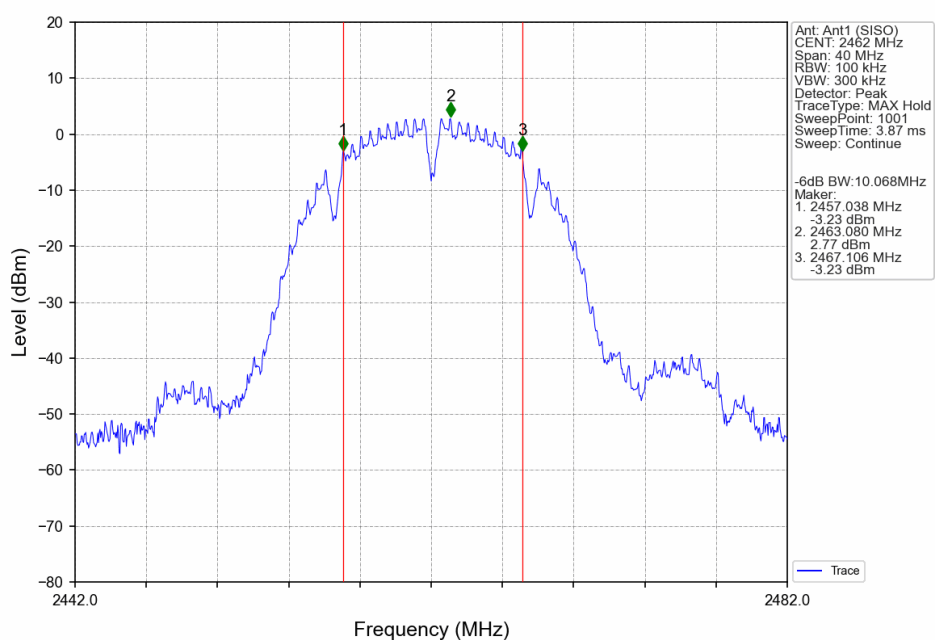
802.11n(HT40)_HCH_2452MHz_Ant1 (SISO)_NTNV



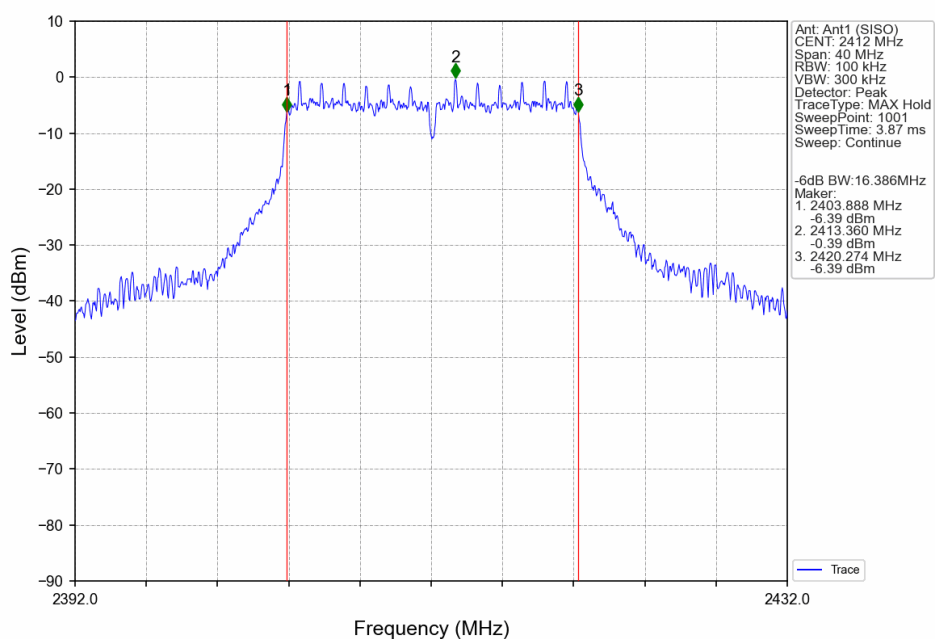
2.2.2 6dB BW



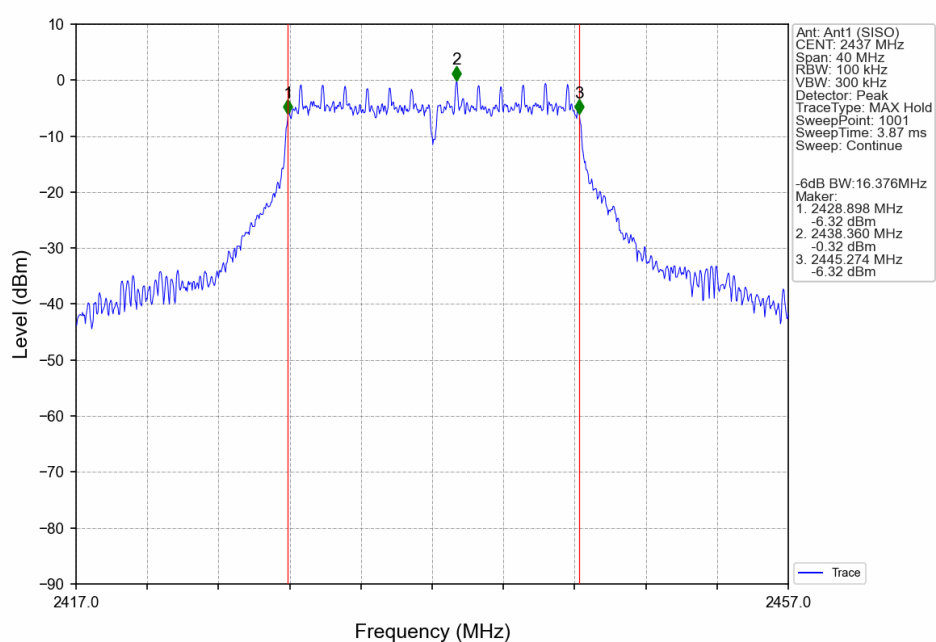
802.11b_HCH_2462MHz_Ant1 (SISO)_NTNV



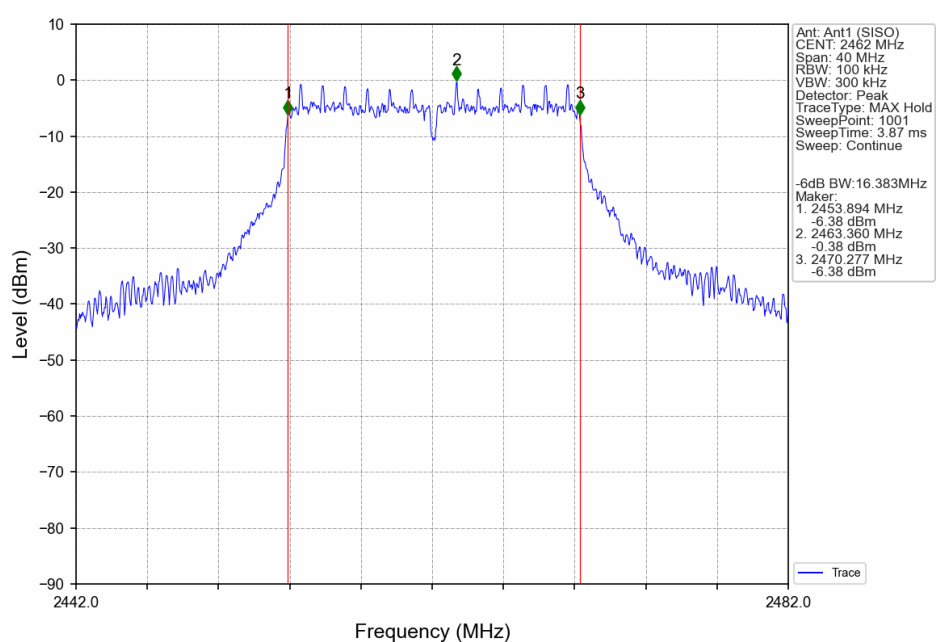
802.11g_LCH_2412MHz_Ant1 (SISO)_NTNV



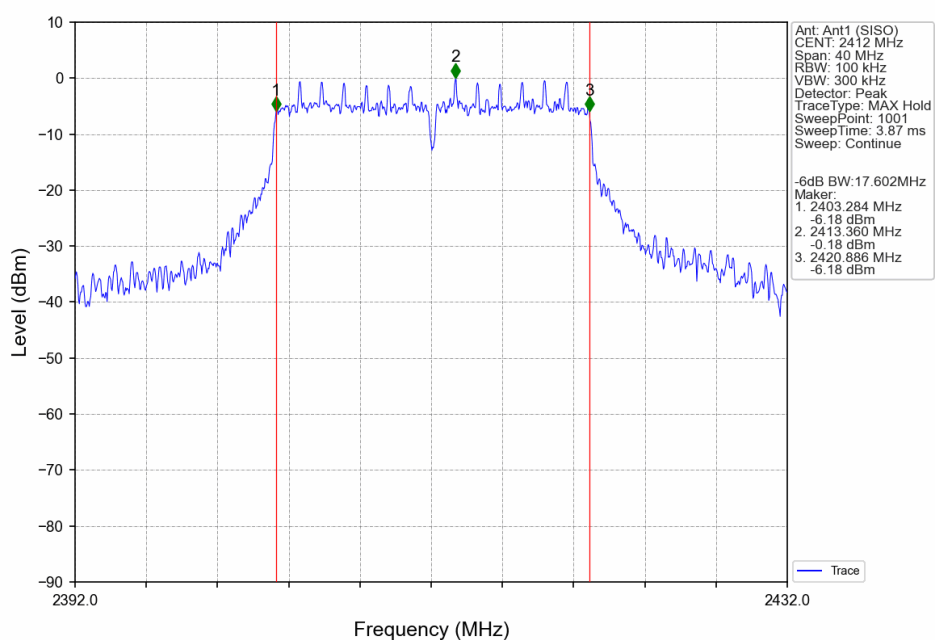
802.11g_MCH_2437MHz_Ant1 (SISO)_NTNV



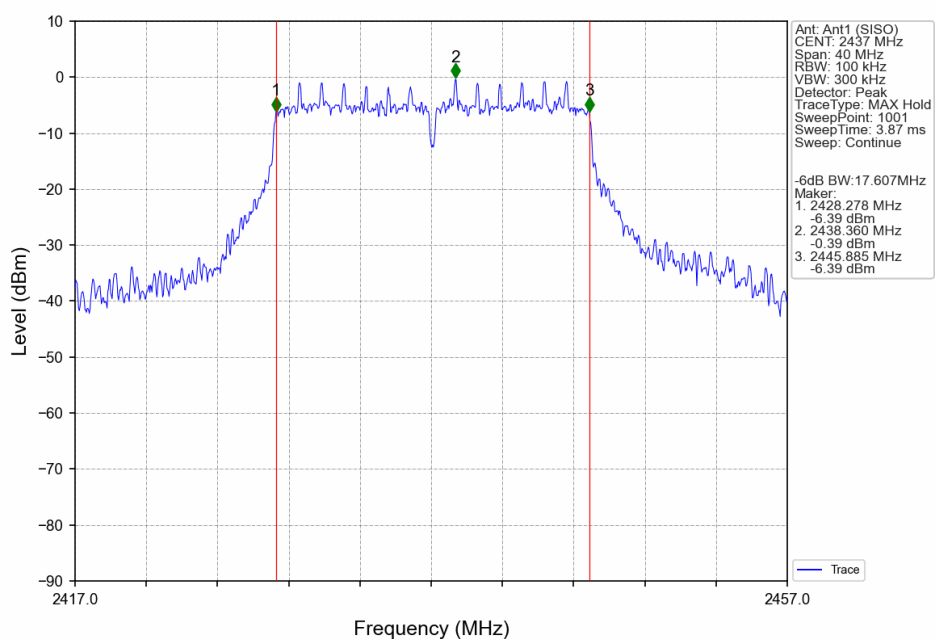
802.11g_HCH_2462MHz_Ant1 (SISO)_NTNV



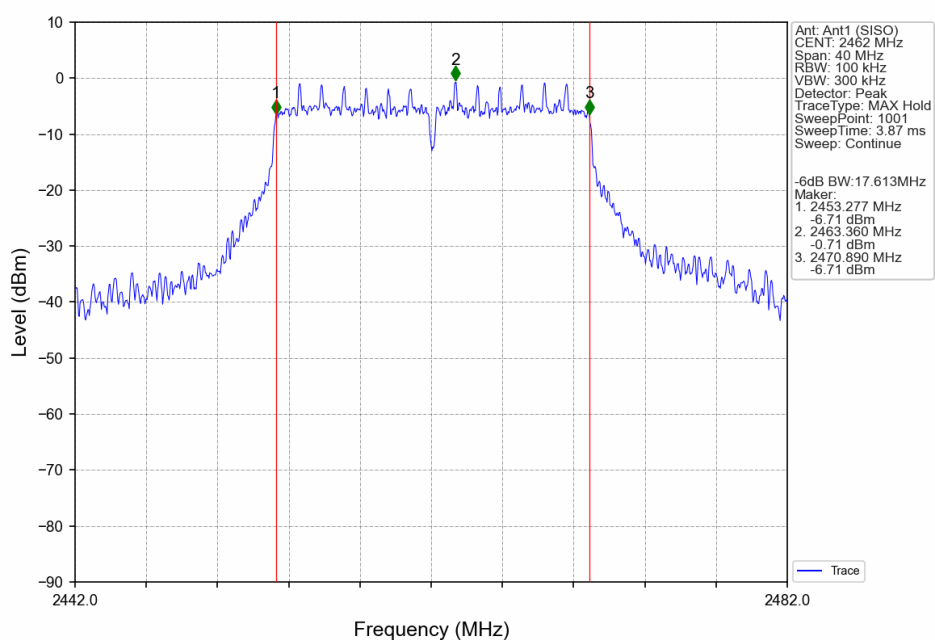
802.11n(HT20)_LCH_2412MHz_Ant1 (SISO)_NTNV



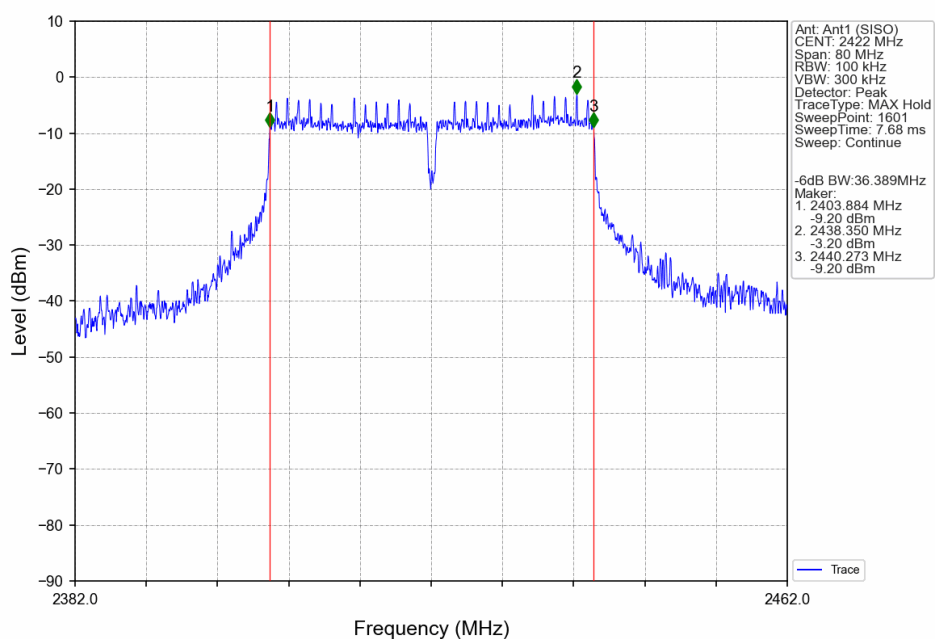
802.11n(HT20)_MCH_2437MHz_Ant1 (SISO)_NTNV



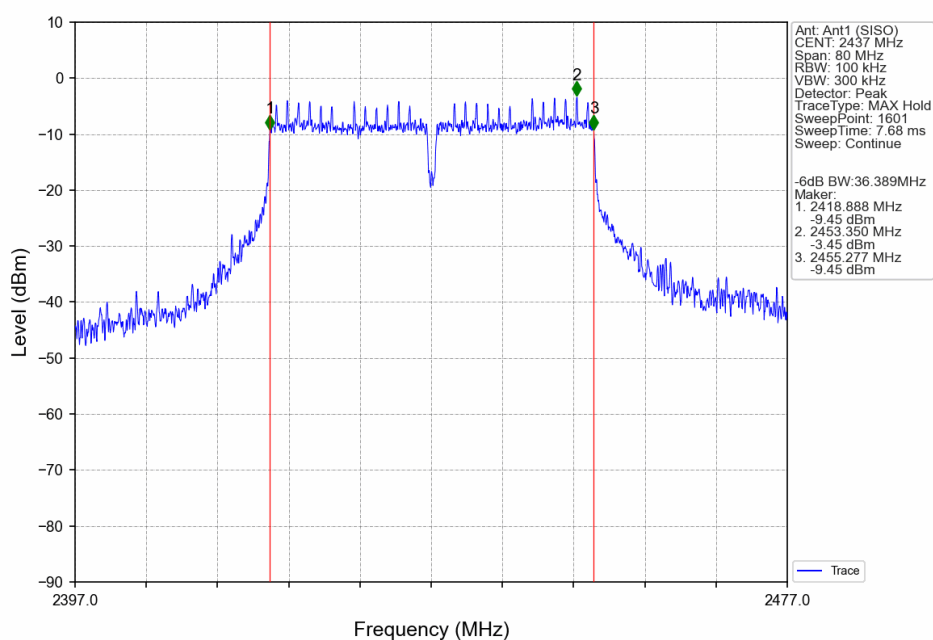
802.11n(HT20)_HCH_2462MHz_Ant1 (SISO)_NTNV



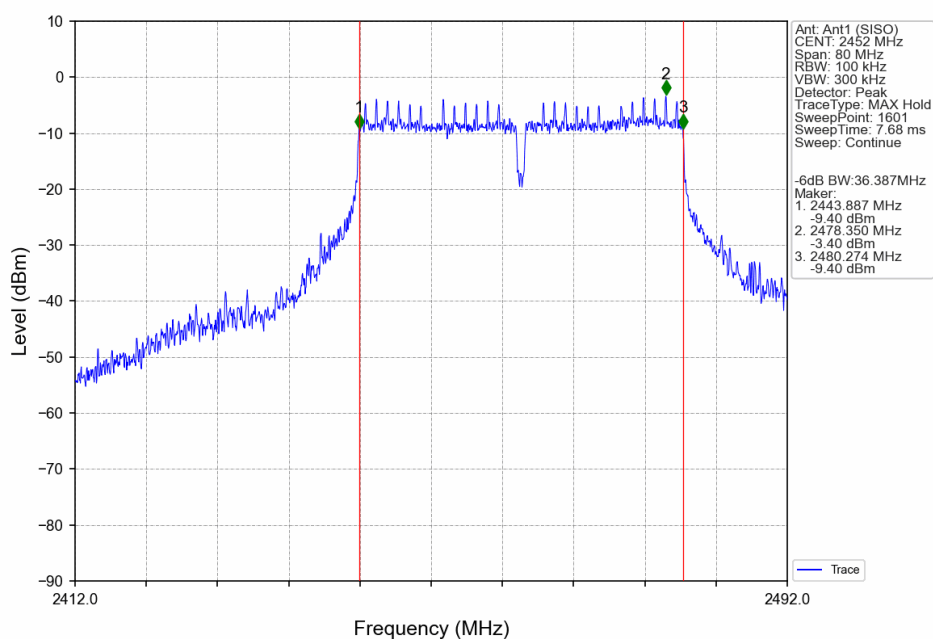
802.11n(HT40)_LCH_2422MHz_Ant1 (SISO)_NTNV



802.11n(HT40)_MCH_2437MHz_Ant1 (SISO)_NTNV



802.11n(HT40)_HCH_2452MHz_Ant1 (SISO)_NTNV

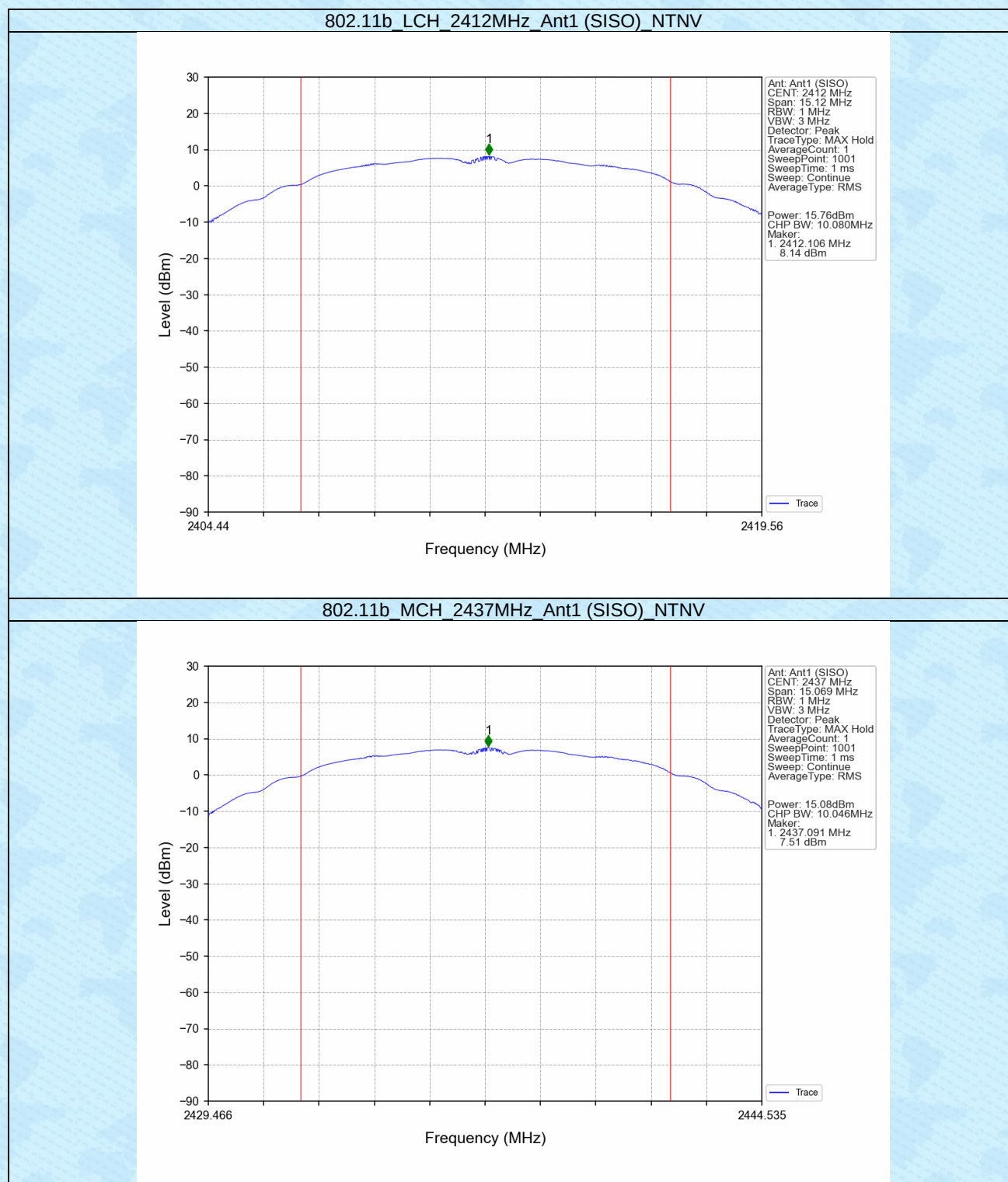


3. Maximum Conducted Output Power

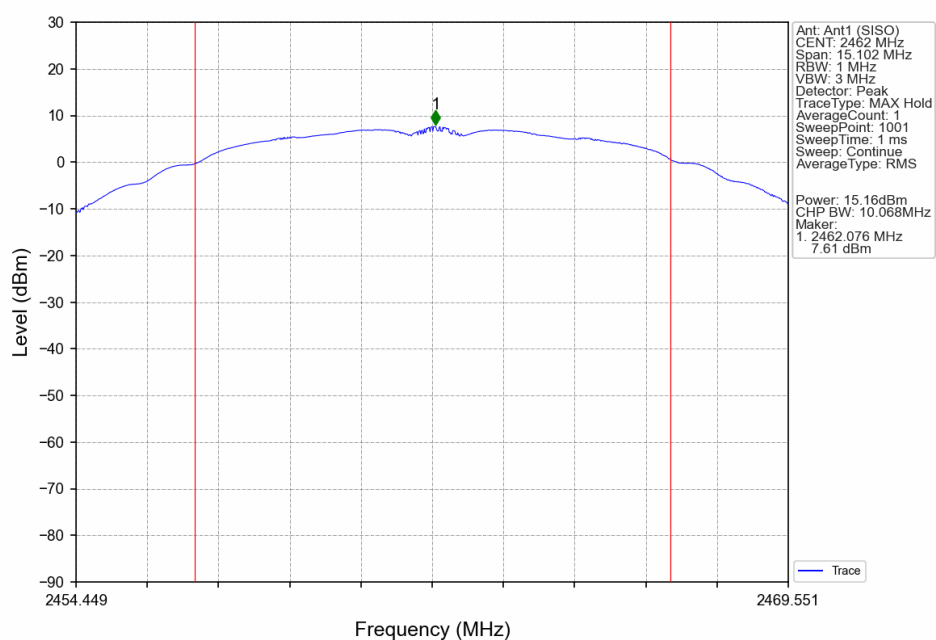
3.1 Test Result

Mode	TX Type	Frequency (MHz)	Maximum Peak Conducted Output Power (dBm)		Verdict
			ANT1	Limit	
802.11b	SISO	2412	15.76	≤ 30	Pass
		2437	15.08	≤ 30	Pass
		2462	15.16	≤ 30	Pass
802.11g	SISO	2412	18.05	≤ 30	Pass
		2437	18.08	≤ 30	Pass
		2462	18.02	≤ 30	Pass
802.11n (HT20)	SISO	2412	18.31	≤ 30	Pass
		2437	18.08	≤ 30	Pass
		2462	17.90	≤ 30	Pass
802.11n (HT40)	SISO	2422	18.24	≤ 30	Pass
		2437	18.06	≤ 30	Pass
		2452	16.52	≤ 30	Pass

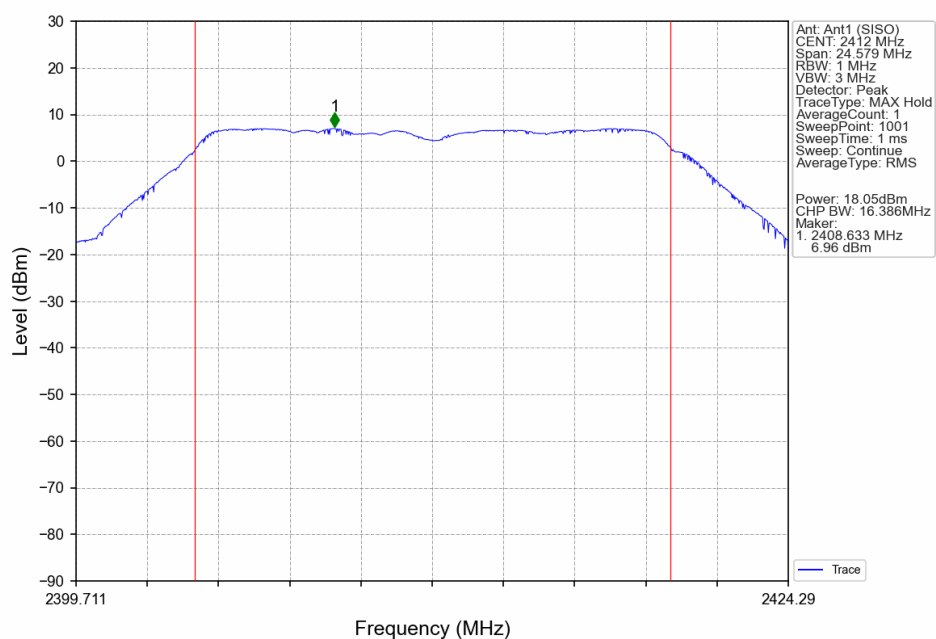
3.2 Test Graph



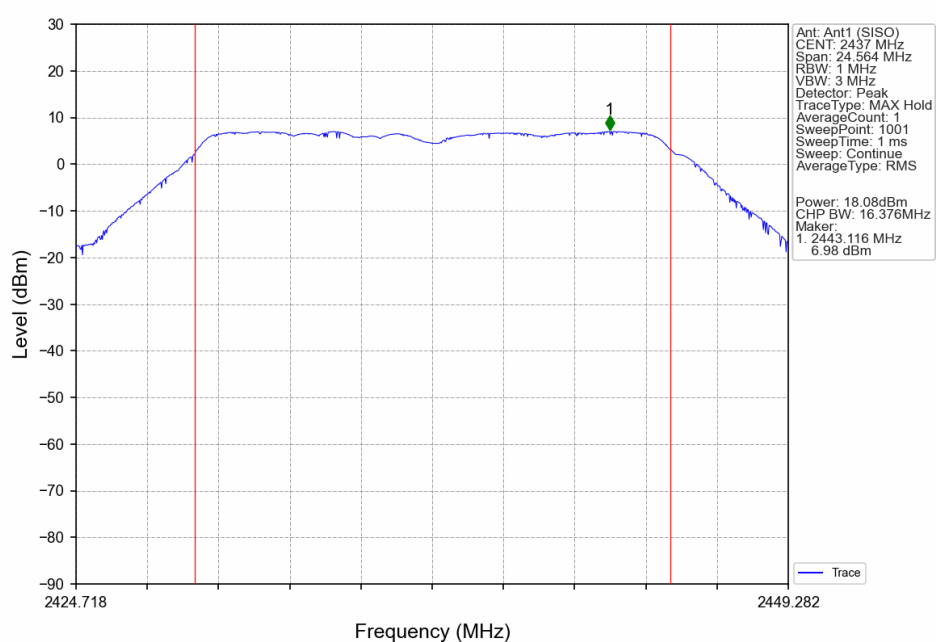
802.11b_HCH_2462MHz_Ant1 (SISO)_NTNV



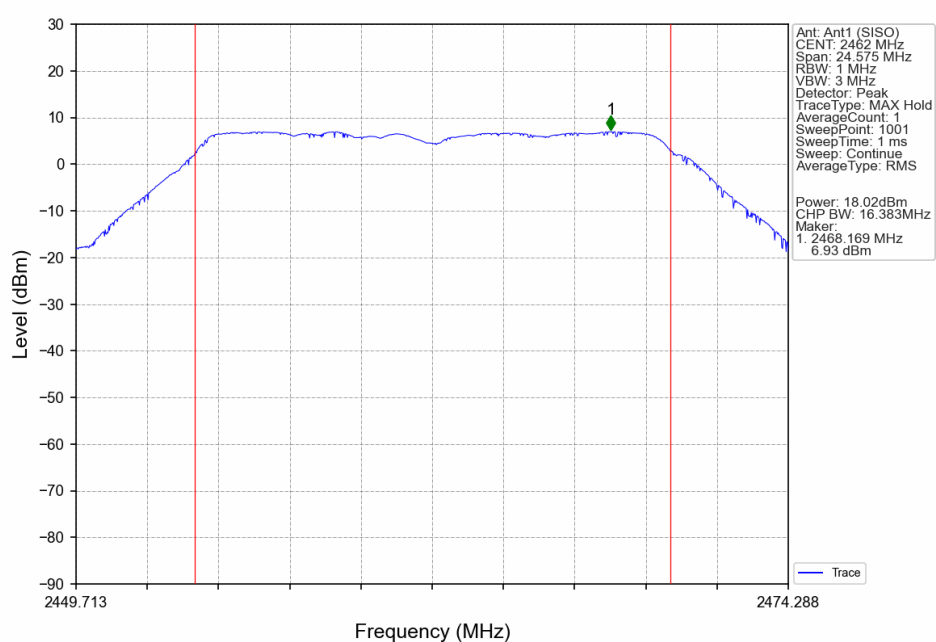
802.11g_LCH_2412MHz_Ant1 (SISO)_NTNV



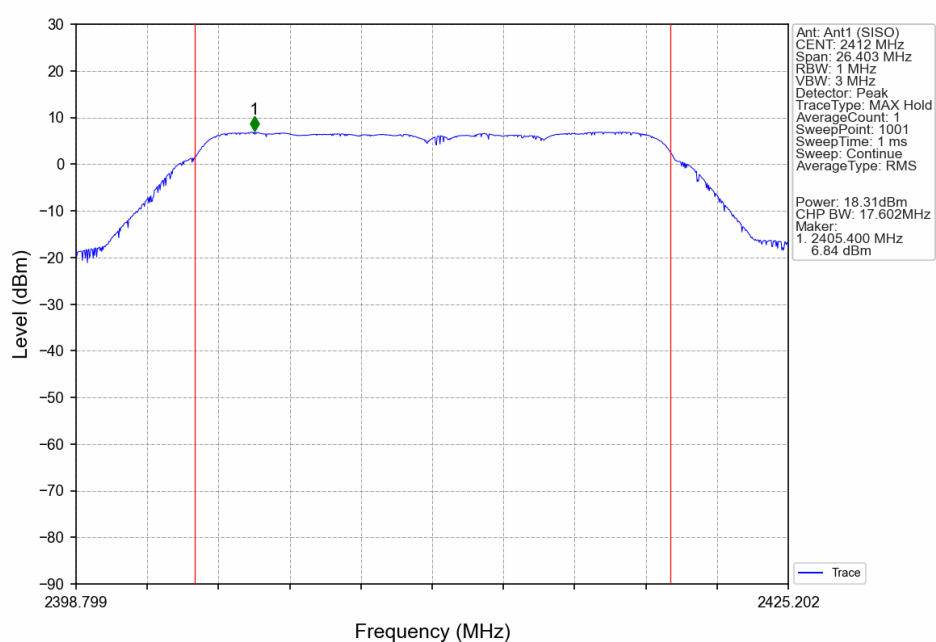
802.11g_MCH_2437MHz_Ant1 (SISO)_NTNV



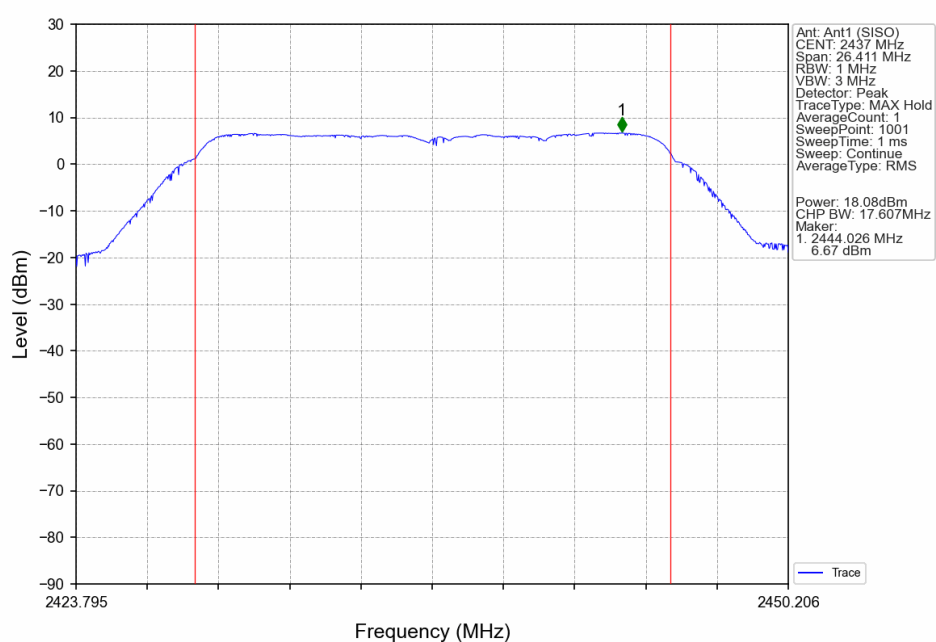
802.11g_HCH_2462MHz_Ant1 (SISO)_NTNV



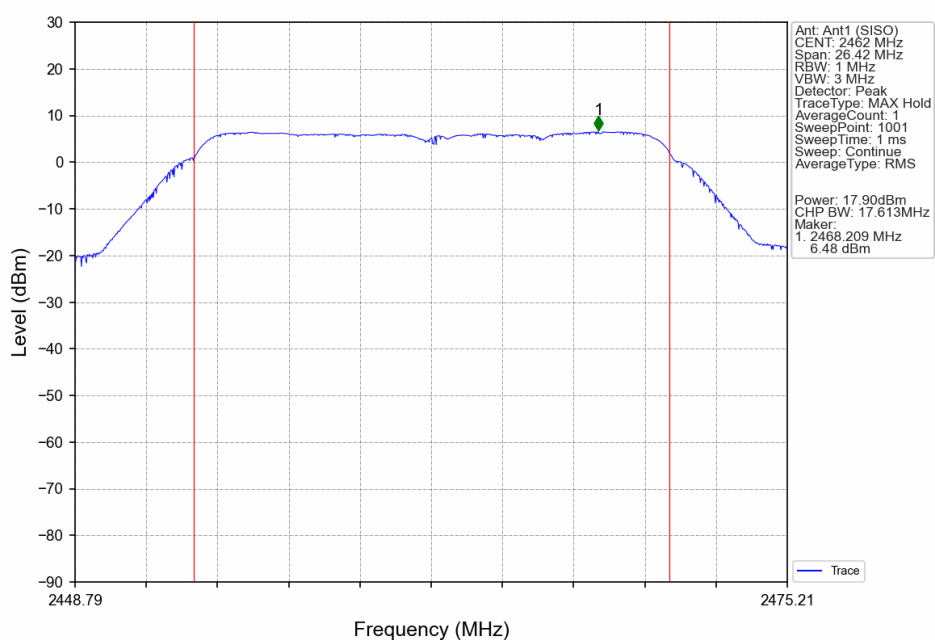
802.11n(HT20)_LCH_2412MHz_Ant1 (SISO)_NTNV



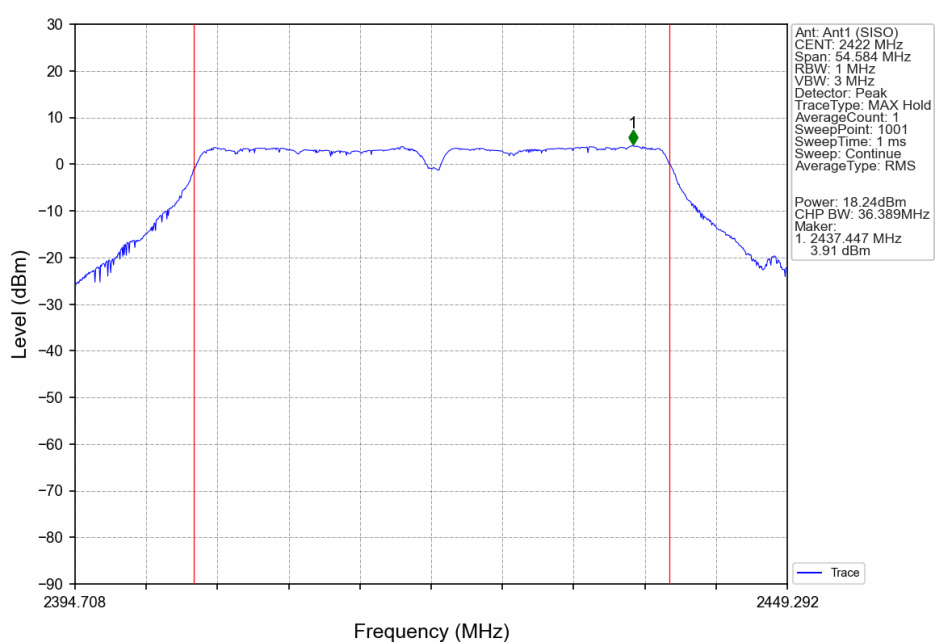
802.11n(HT20)_MCH_2437MHz_Ant1 (SISO)_NTNV



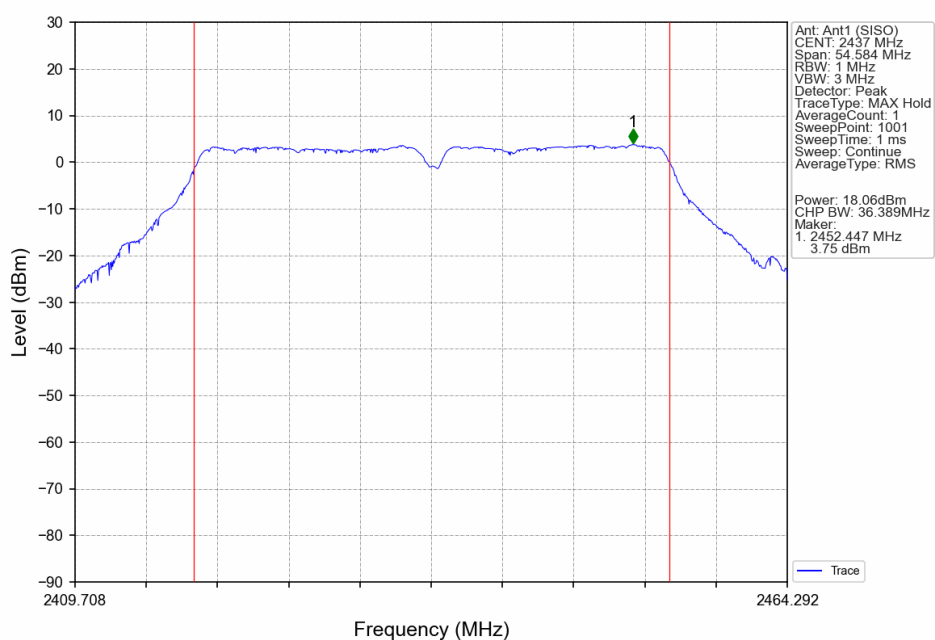
802.11n(HT20)_HCH_2462MHz_Ant1 (SISO)_NTNV



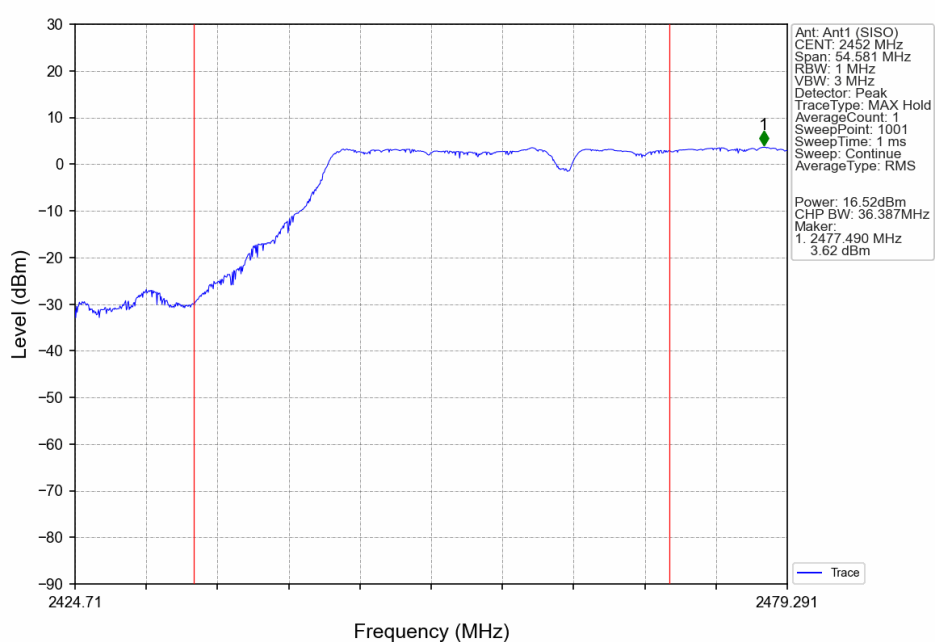
802.11n(HT40)_LCH_2422MHz_Ant1 (SISO)_NTNV



802.11n(HT40)_MCH_2437MHz_Ant1 (SISO)_NTNV



802.11n(HT40)_HCH_2452MHz_Ant1 (SISO)_NTNV

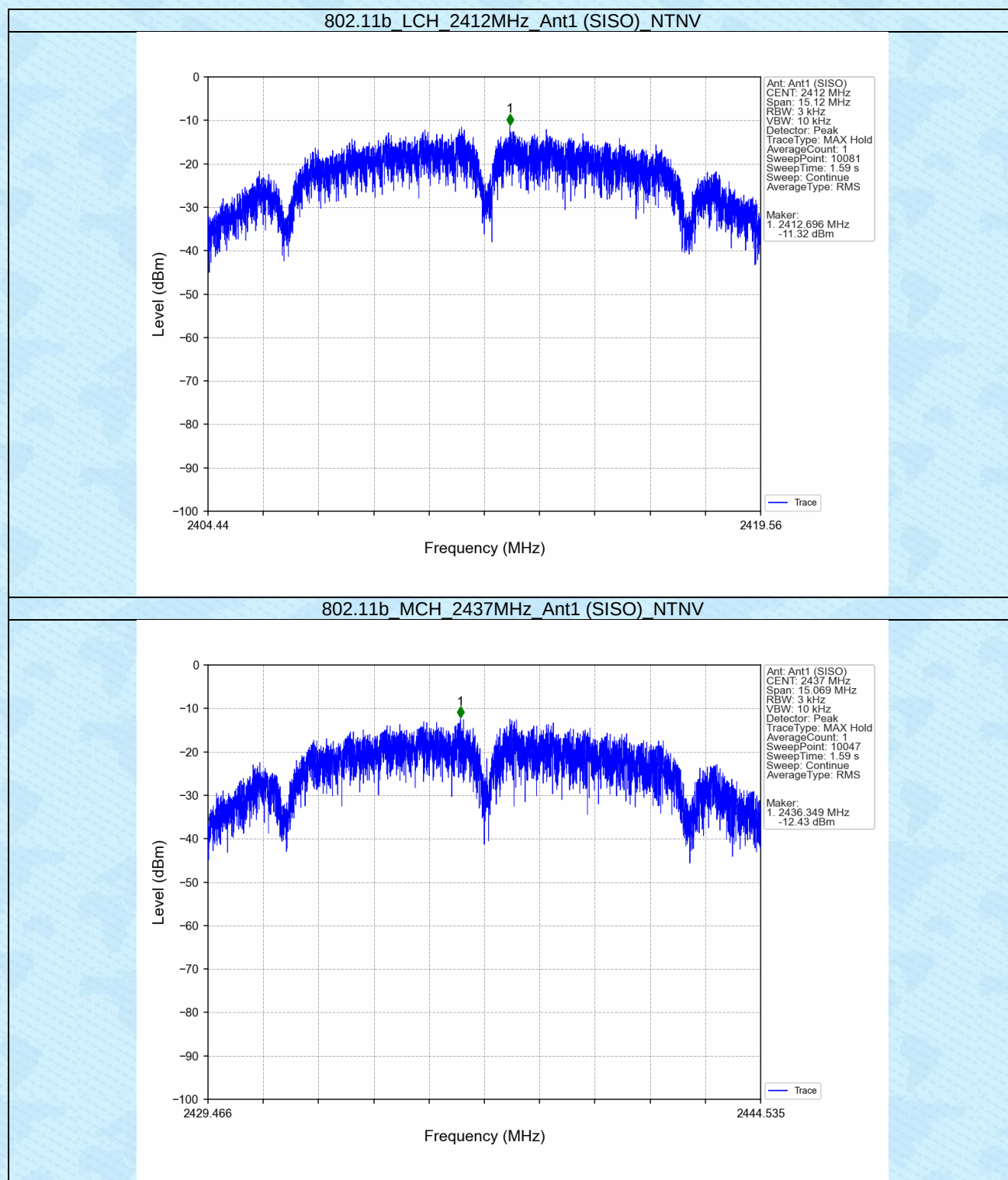


4. Maximum Power Spectral Density

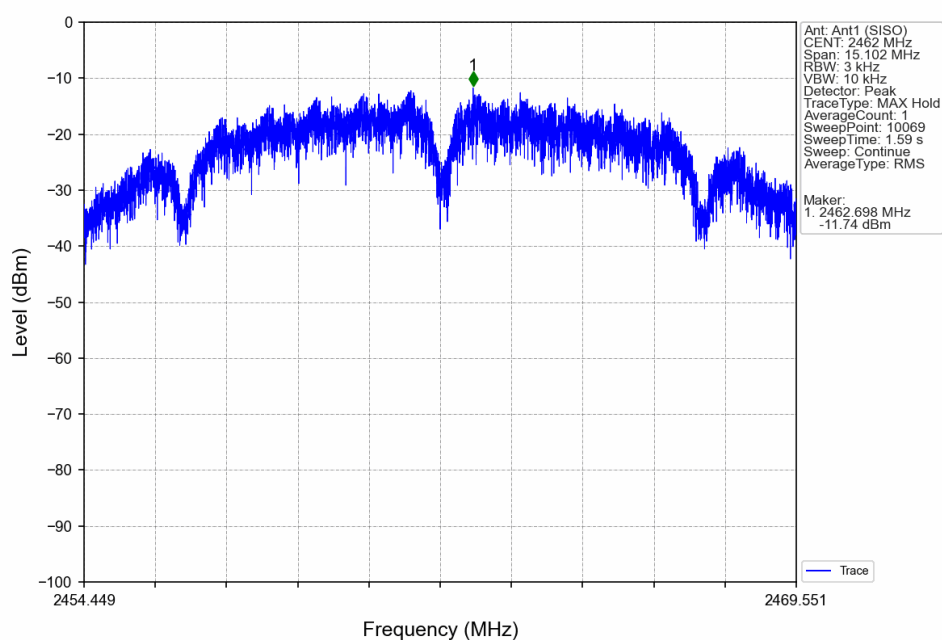
4.1 Test Result

Mode	TX Type	Frequency (MHz)	Maximum PSD (dBm/3kHz)		Verdict
			ANT1	Limit	
802.11b	SISO	2412	-11.32	<=8	Pass
		2437	-12.43	<=8	Pass
		2462	-11.74	<=8	Pass
802.11g	SISO	2412	-15.59	<=8	Pass
		2437	-15.67	<=8	Pass
		2462	-15.77	<=8	Pass
802.11n (HT20)	SISO	2412	-14.86	<=8	Pass
		2437	-15.22	<=8	Pass
		2462	-15.62	<=8	Pass
802.11n (HT40)	SISO	2422	-16.94	<=8	Pass
		2437	-17.14	<=8	Pass
		2452	-18.22	<=8	Pass

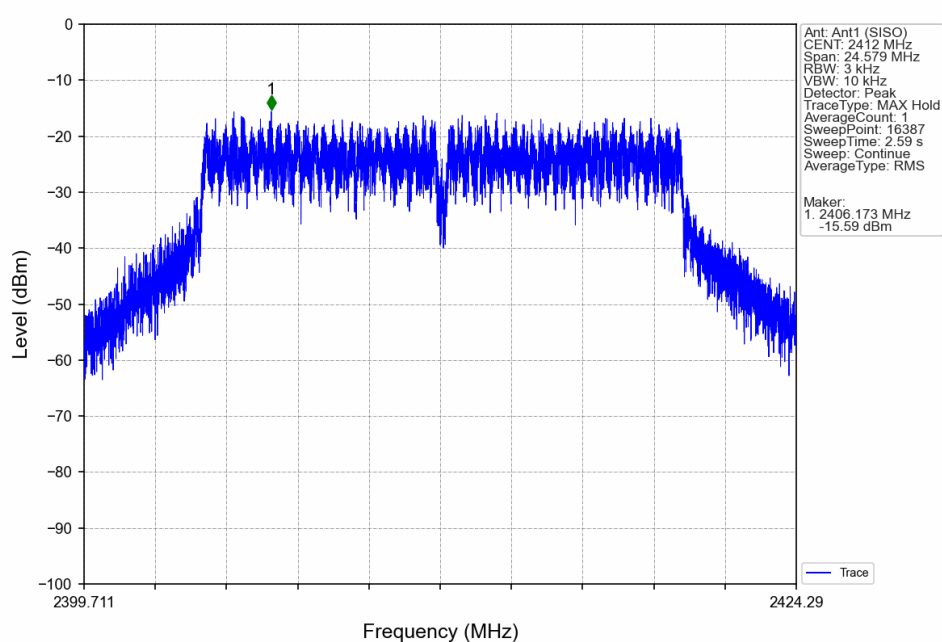
4.2 Test Graph



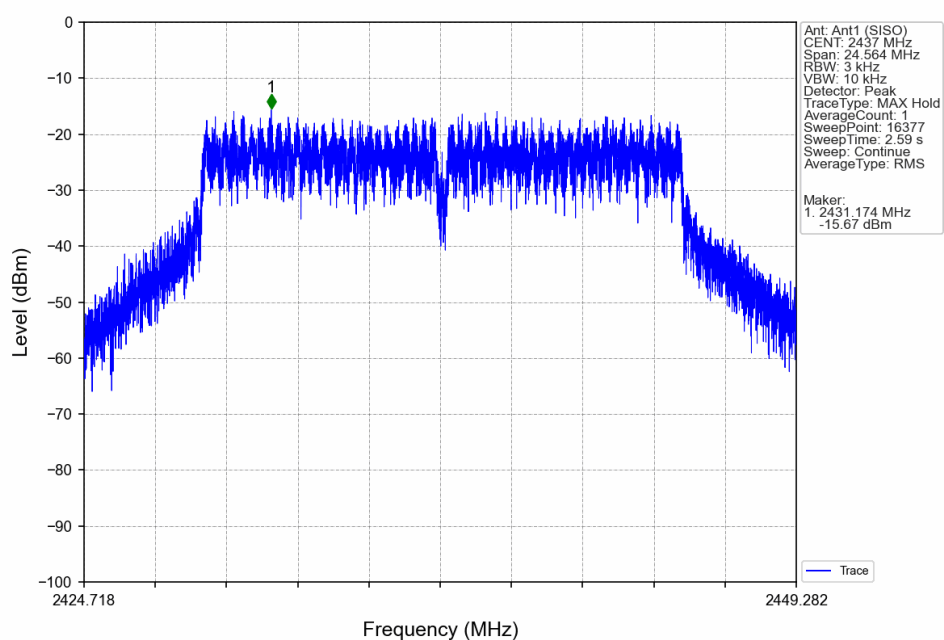
802.11b_HCH_2462MHz_Ant1 (SISO)_NTNV



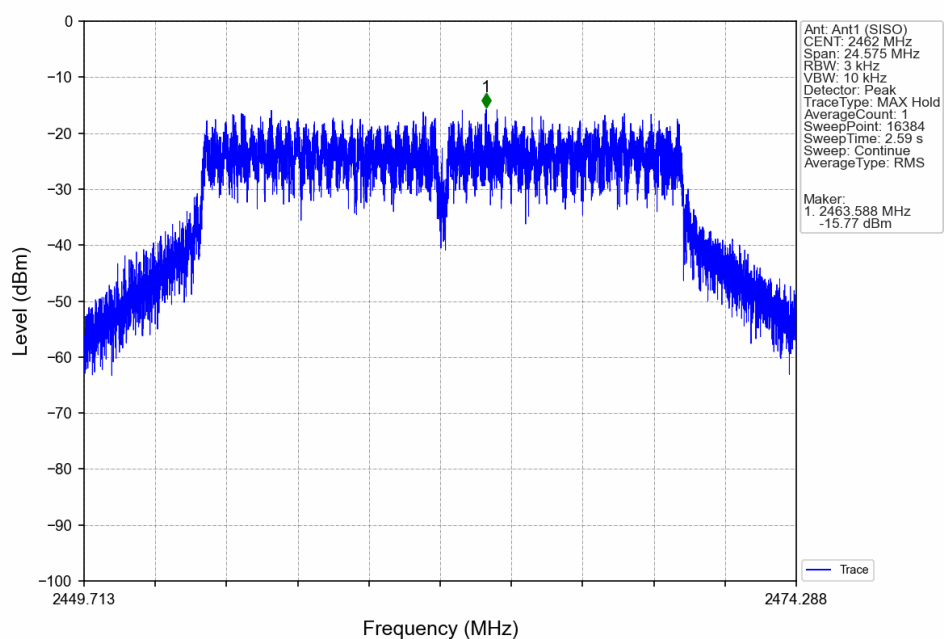
802.11g_LCH_2412MHz_Ant1 (SISO)_NTNV



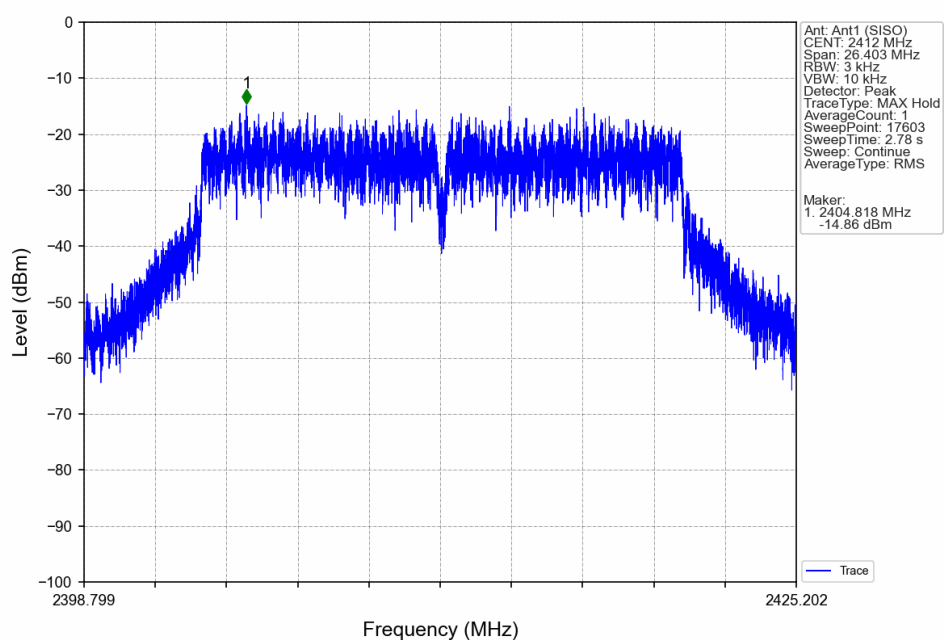
802.11g_MCH_2437MHz_Ant1 (SISO)_NTNV



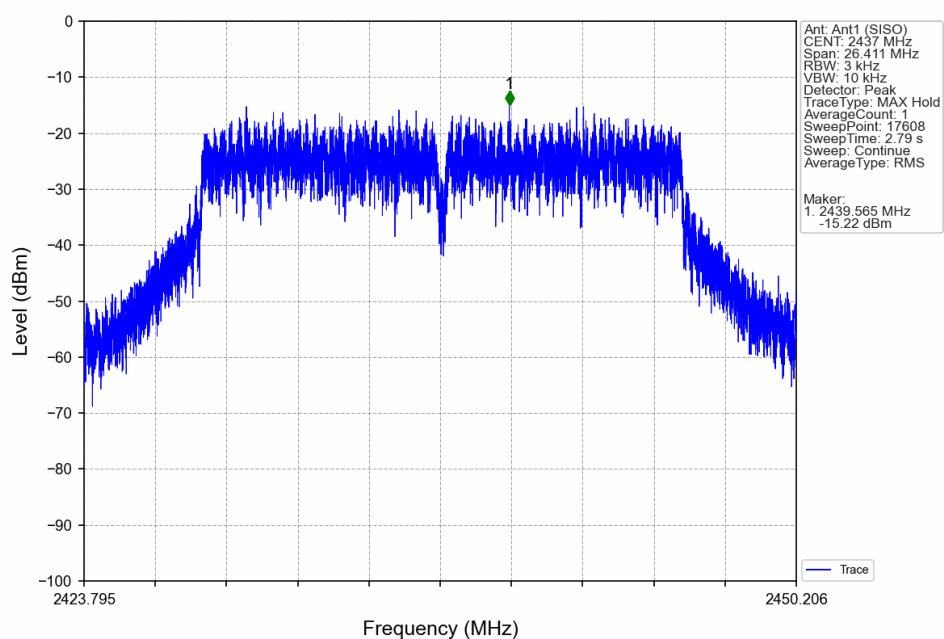
802.11g_HCH_2462MHz_Ant1 (SISO)_NTNV



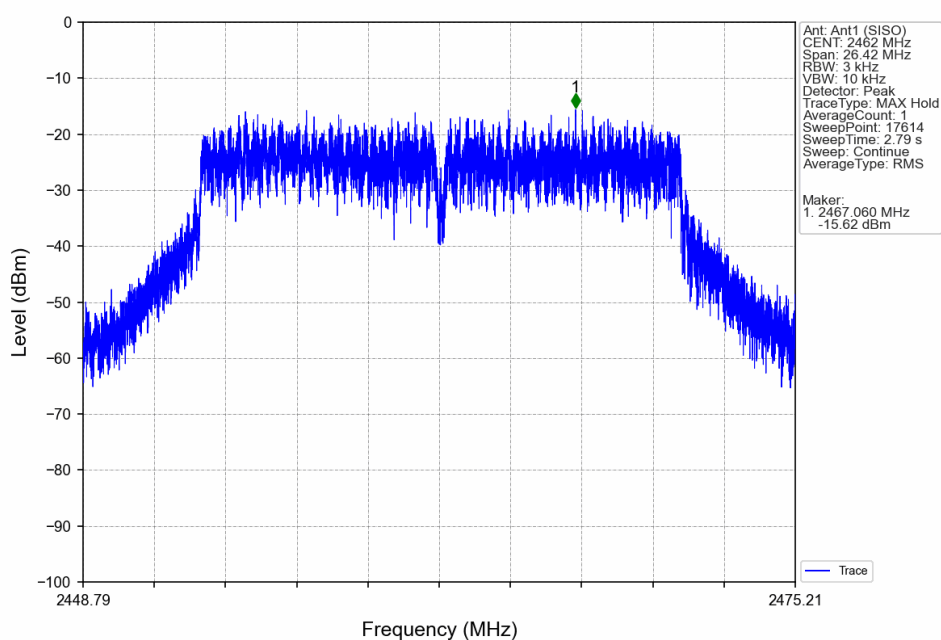
802.11n(HT20)_LCH_2412MHz_Ant1 (SISO)_NTNV



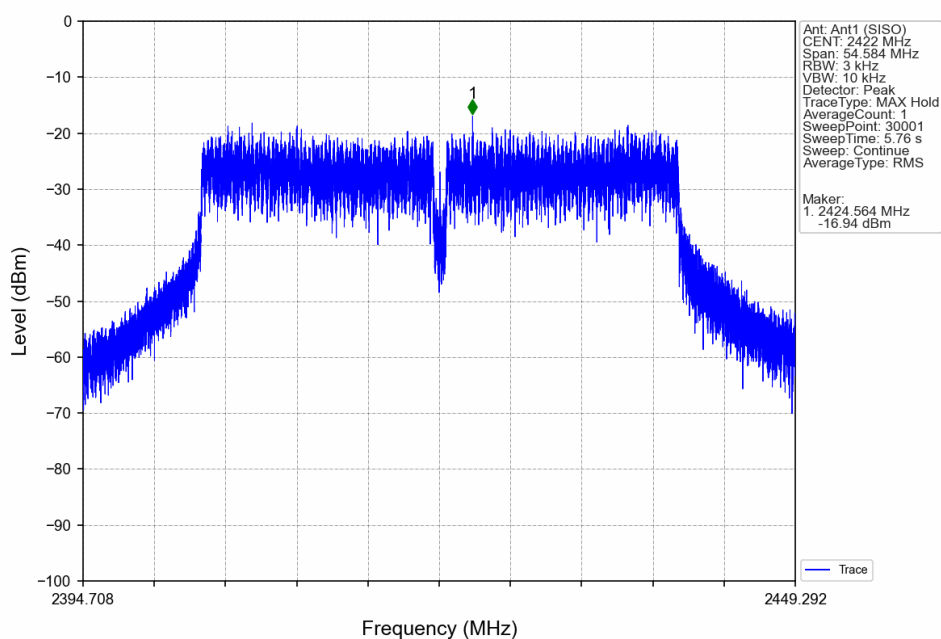
802.11n(HT20)_MCH_2437MHz_Ant1 (SISO)_NTNV



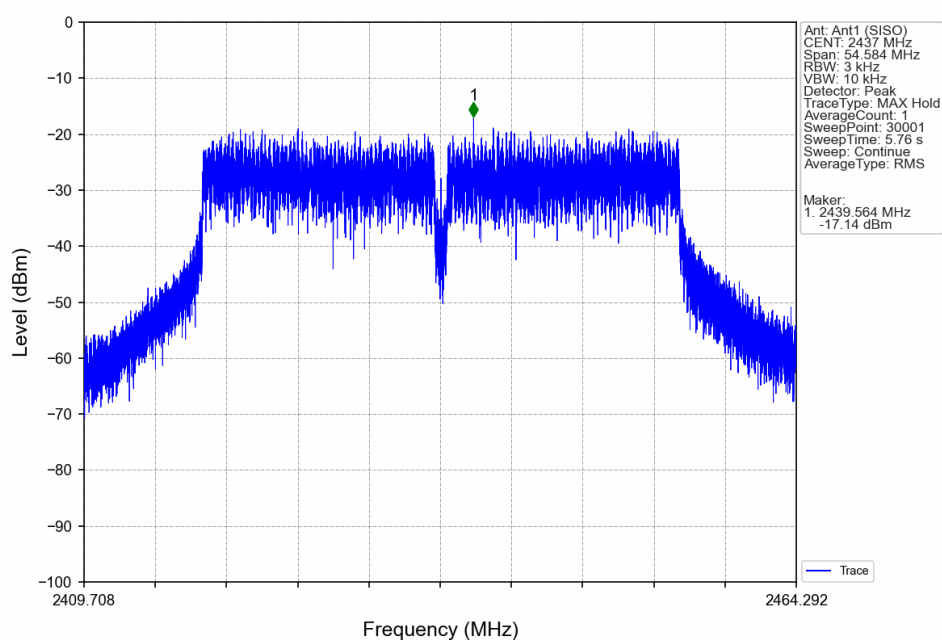
802.11n(HT20)_HCH_2462MHz_Ant1 (SISO)_NTNV



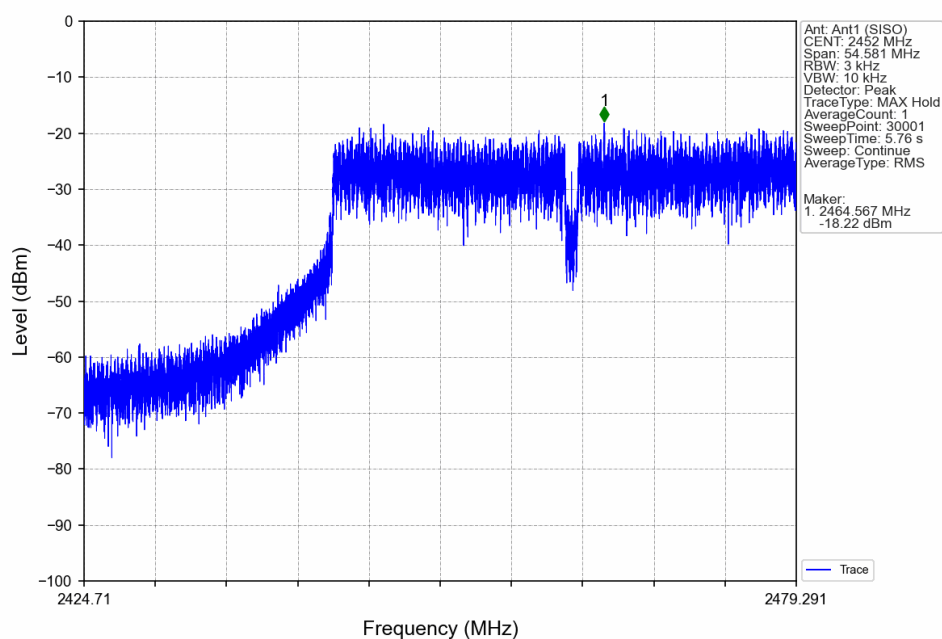
802.11n(HT40)_LCH_2422MHz_Ant1 (SISO)_NTNV



802.11n(HT40)_MCH_2437MHz_Ant1 (SISO)_NTNV



802.11n(HT40)_HCH_2452MHz_Ant1 (SISO)_NTNV



5. Unwanted Emissions In Non-restricted Frequency Bands

5.1 Test Result

Mode	TX Type	Frequency (MHz)	ANT	Level of Reference (dBm)
802.11b	SISO	2412	1	3.31
		2437	1	2.78
		2462	1	2.91
802.11g	SISO	2412	1	-0.59
		2437	1	-0.40
		2462	1	-0.47
802.11n (HT20)	SISO	2412	1	-0.26
		2437	1	-0.72
		2462	1	-0.63
802.11n (HT40)	SISO	2422	1	-3.28
		2437	1	-3.38
		2452	1	-3.52

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.

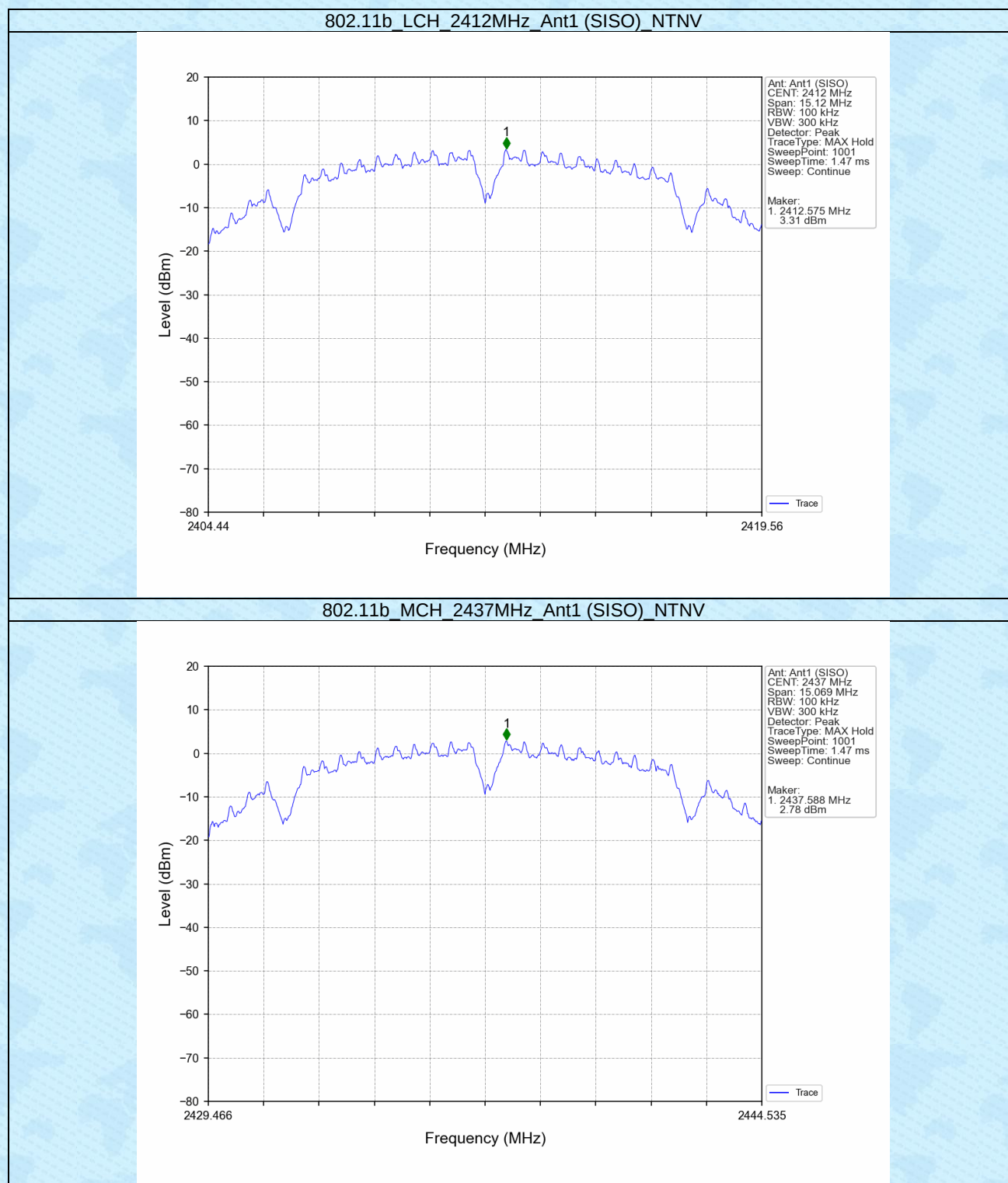
5.1.2 CSE

Mode	TX Type	Frequency (MHz)	ANT	Level of Reference (dBm)	Limit (dBm)	Verdict
802.11b	SISO	2412	1	3.31	-16.69	Pass
		2437	1	3.31	-16.69	Pass
		2462	1	3.31	-16.69	Pass
802.11g	SISO	2412	1	-0.40	-20.40	Pass
		2437	1	-0.40	-20.40	Pass
		2462	1	-0.40	-20.40	Pass
802.11n (HT20)	SISO	2412	1	-0.26	-20.26	Pass
		2437	1	-0.26	-20.26	Pass
		2462	1	-0.26	-20.26	Pass
802.11n (HT40)	SISO	2422	1	-3.28	-23.28	Pass
		2437	1	-3.28	-23.28	Pass
		2452	1	-3.28	-23.28	Pass

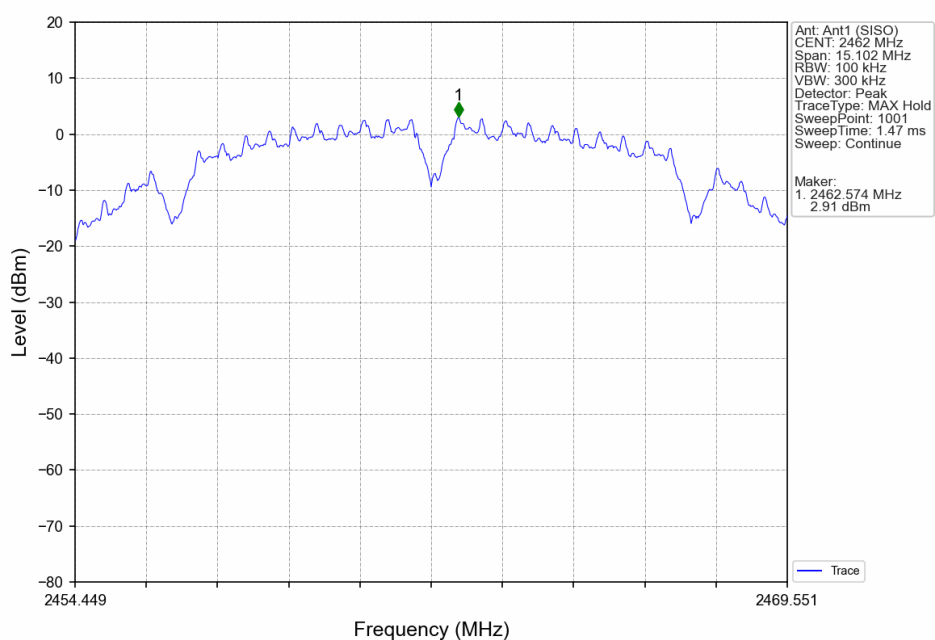
Note1: Refer to FCC Part 15.247 (d) and ANSI C63.10-2013, the channel contains the maximum PSD level was used to establish the reference level.

5.2 Test Graph

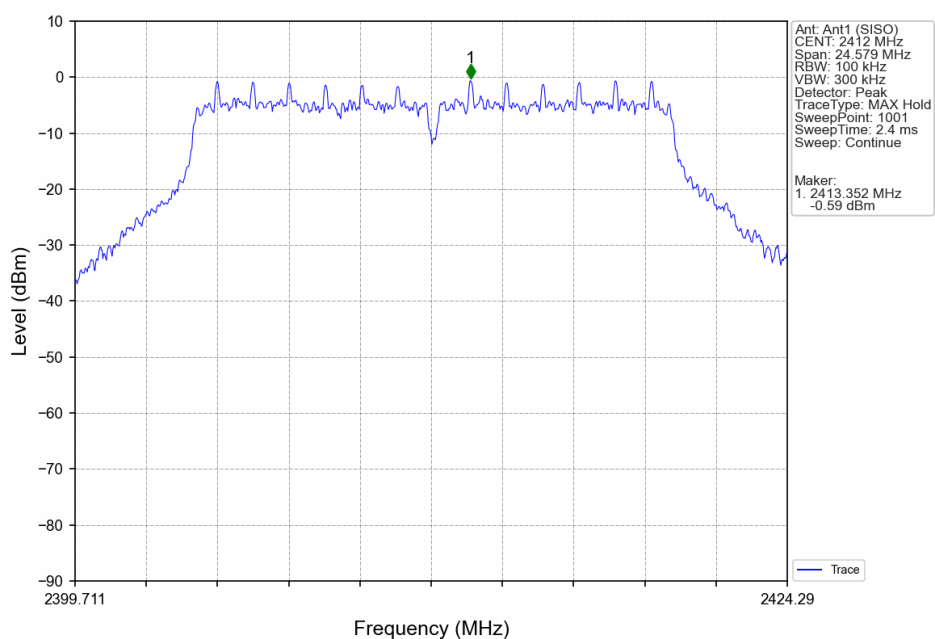
5.2.1 Ref



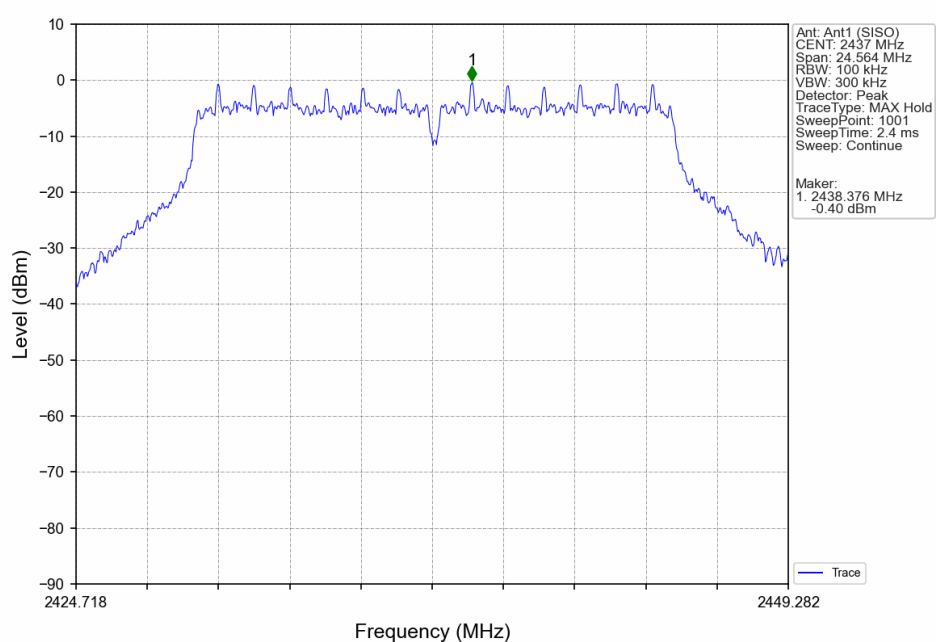
802.11b_HCH_2462MHz_Ant1 (SISO)_NTNV



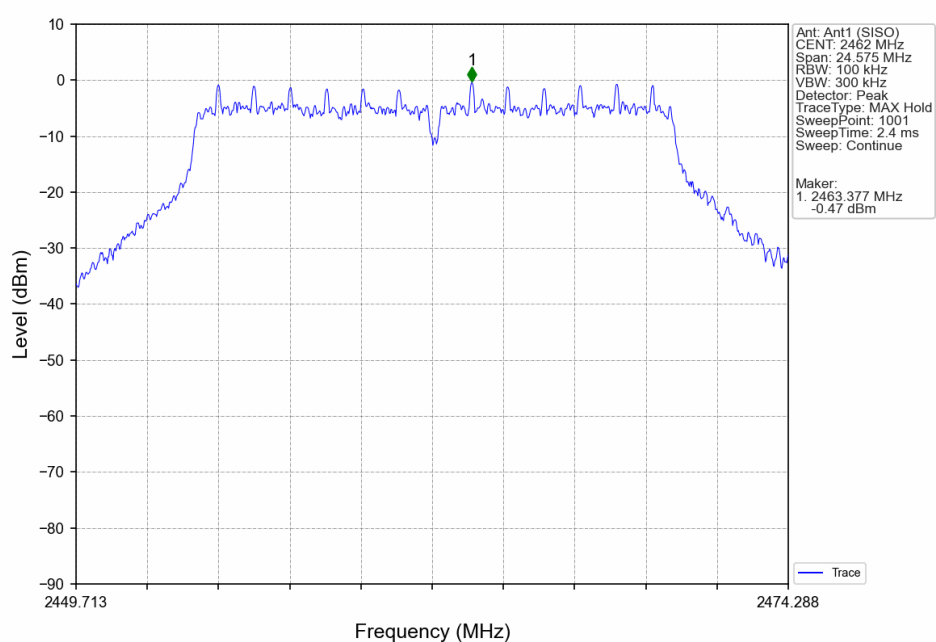
802.11g_LCH_2412MHz_Ant1 (SISO)_NTNV



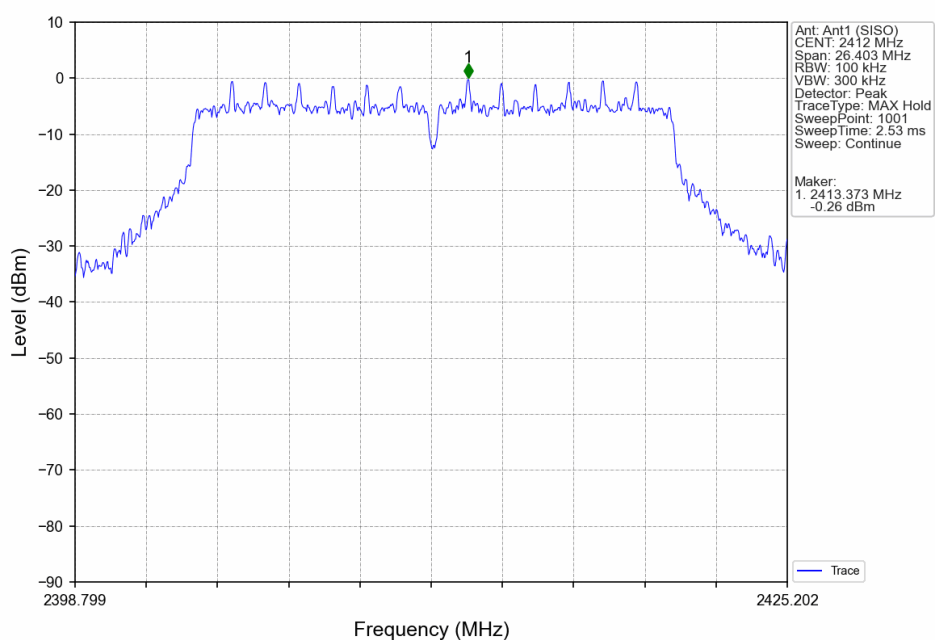
802.11g_MCH_2437MHz_Ant1 (SISO)_NTNV



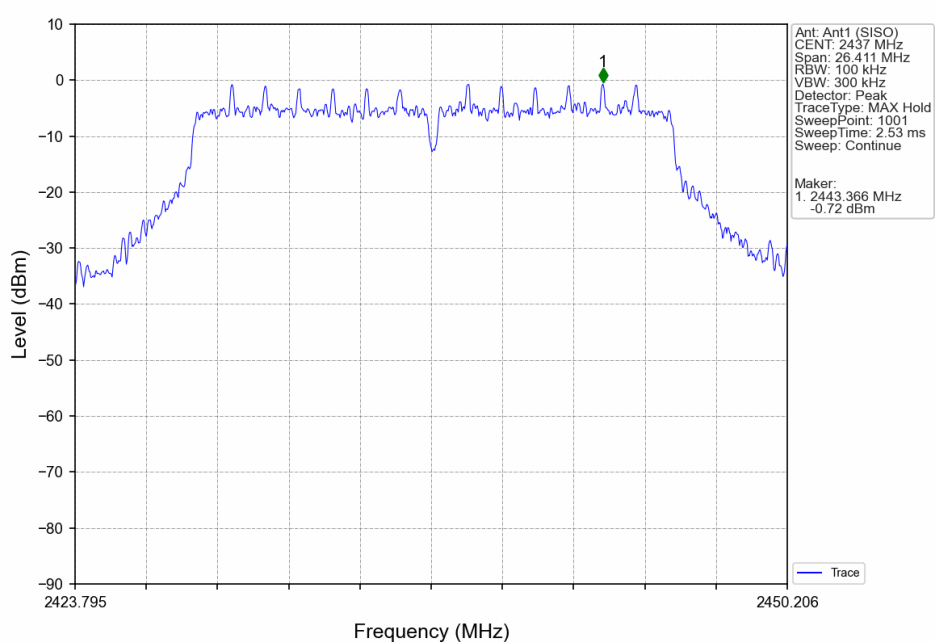
802.11g_HCH_2462MHz_Ant1 (SISO)_NTNV



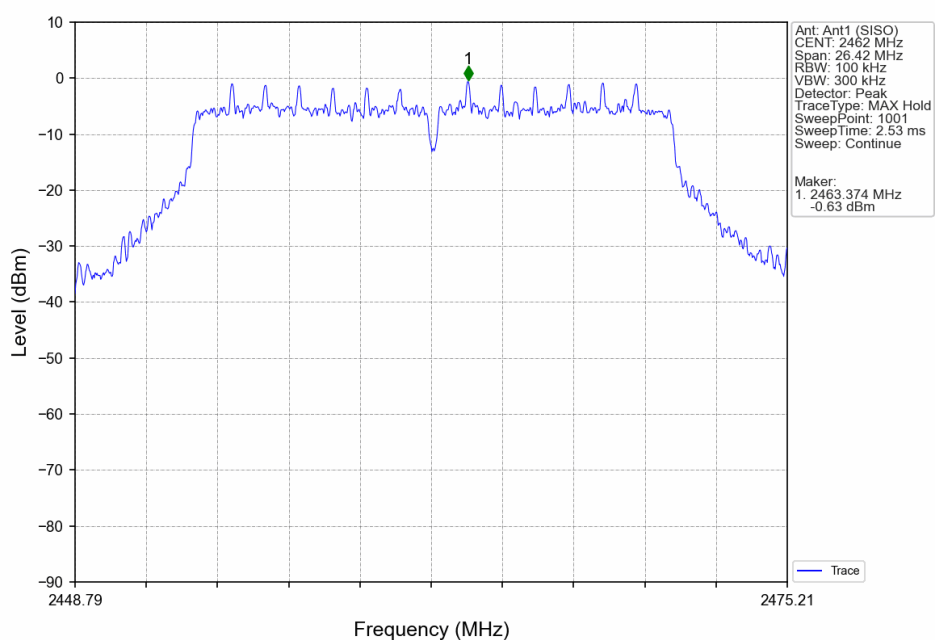
802.11n(HT20)_LCH_2412MHz_Ant1 (SISO)_NTNV



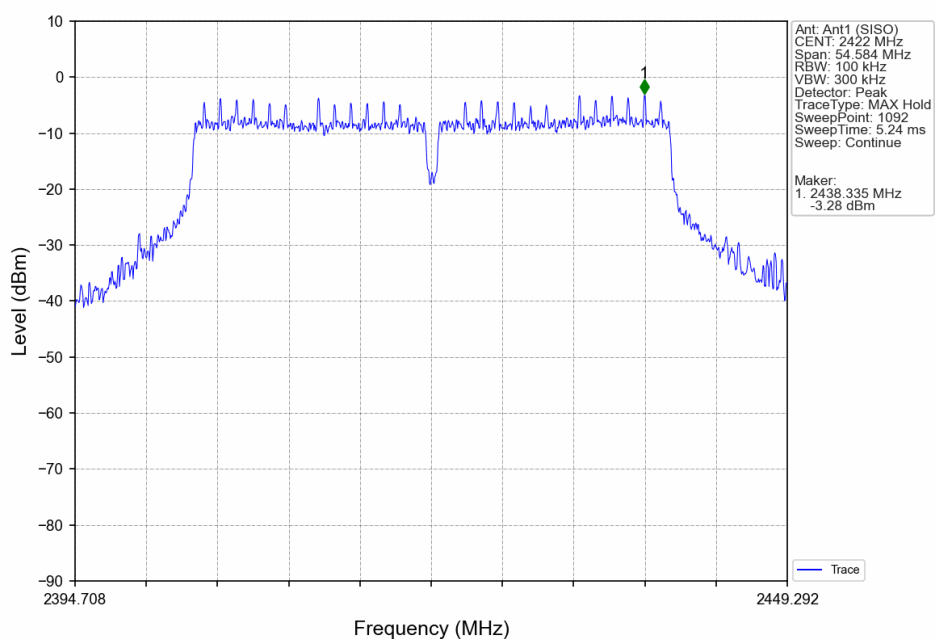
802.11n(HT20)_MCH_2437MHz_Ant1 (SISO)_NTNV



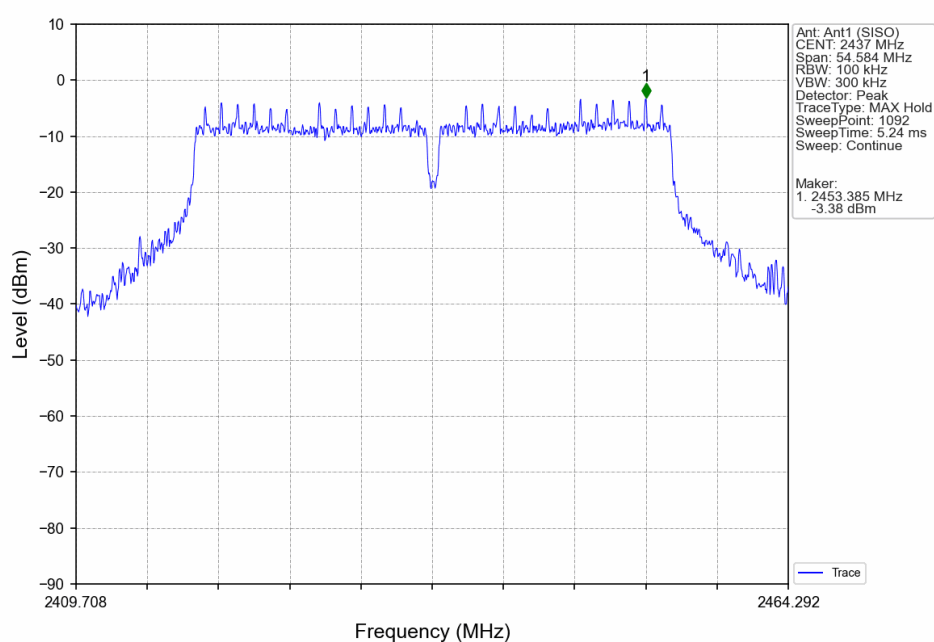
802.11n(HT20)_HCH_2462MHz_Ant1 (SISO)_NTNV



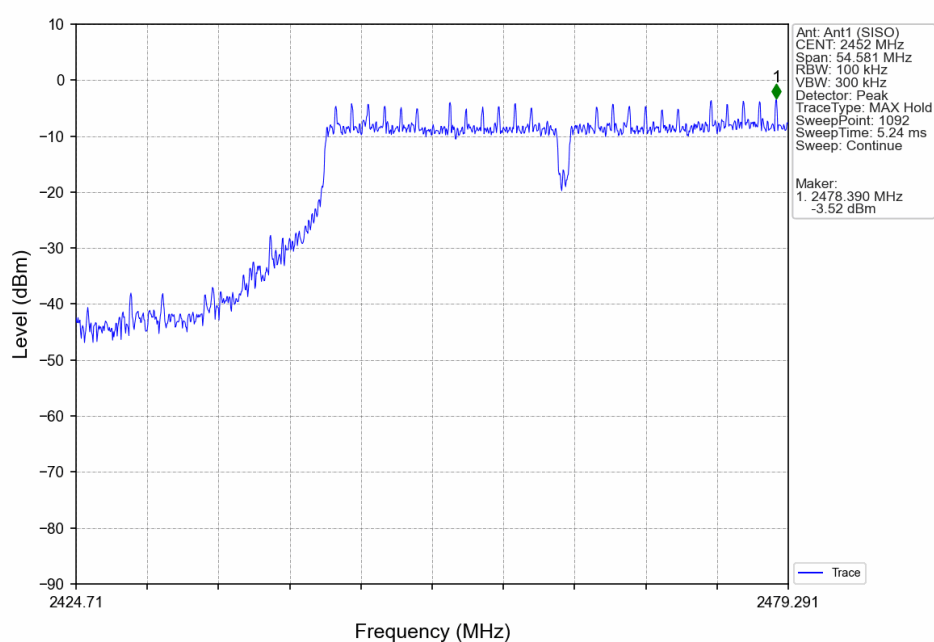
802.11n(HT40)_LCH_2422MHz_Ant1 (SISO)_NTNV



802.11n(HT40)_MCH_2437MHz_Ant1 (SISO)_NTNV

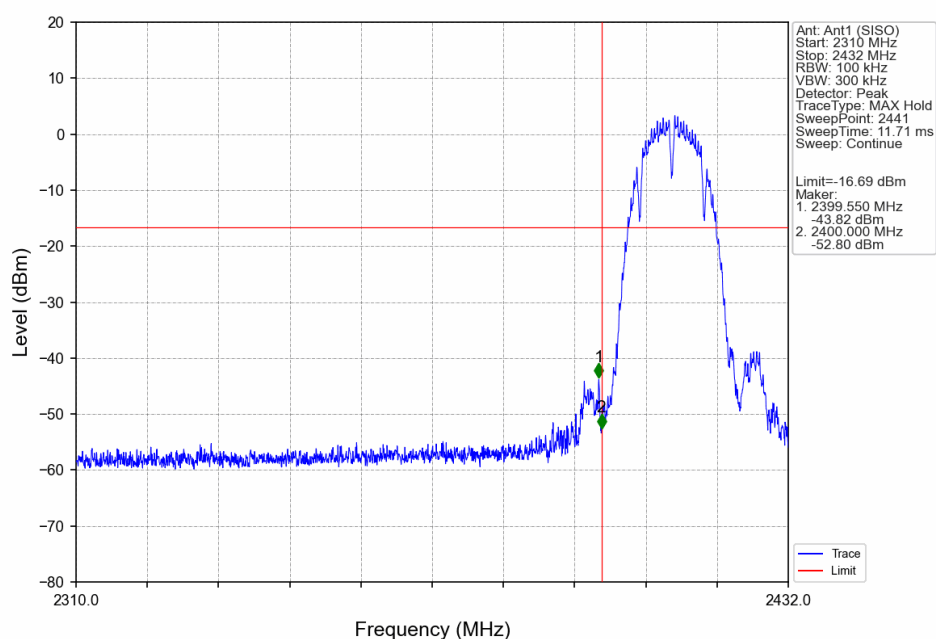


802.11n(HT40)_HCH_2452MHz_Ant1 (SISO)_NTNV

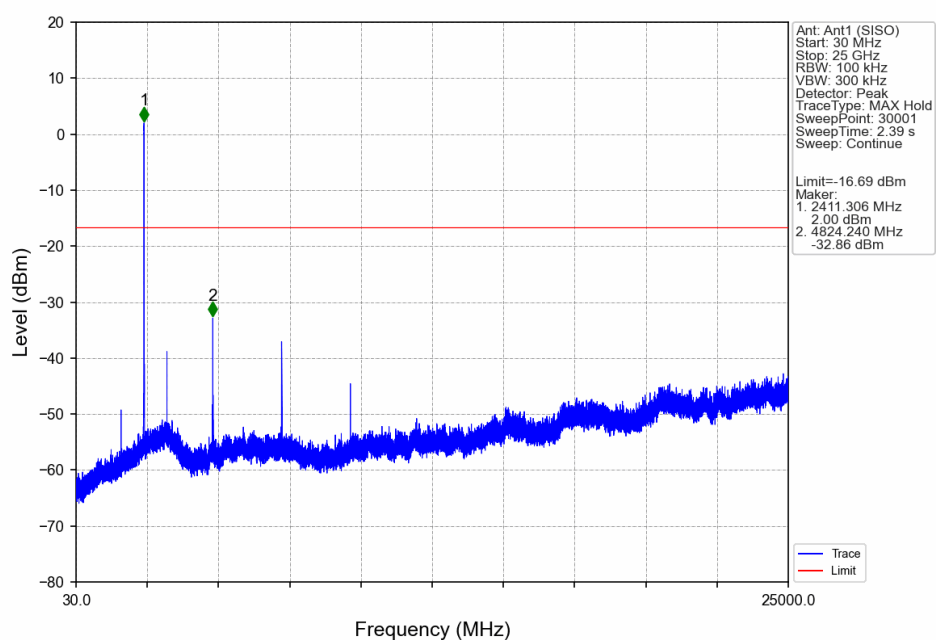


5.2.2 CSE

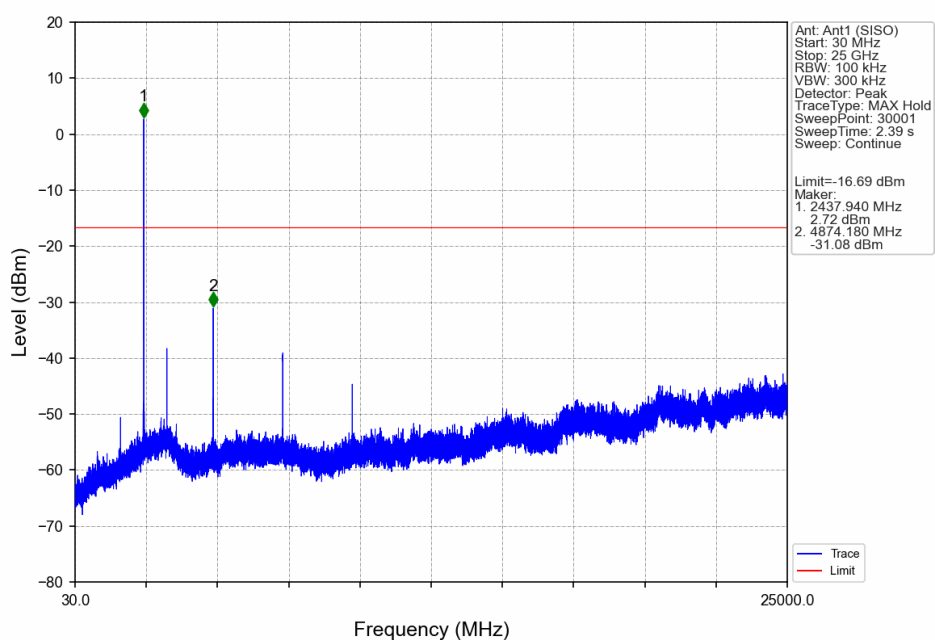
802.11b_LCH_2412MHz_Ant1 (SISO)_NTNV



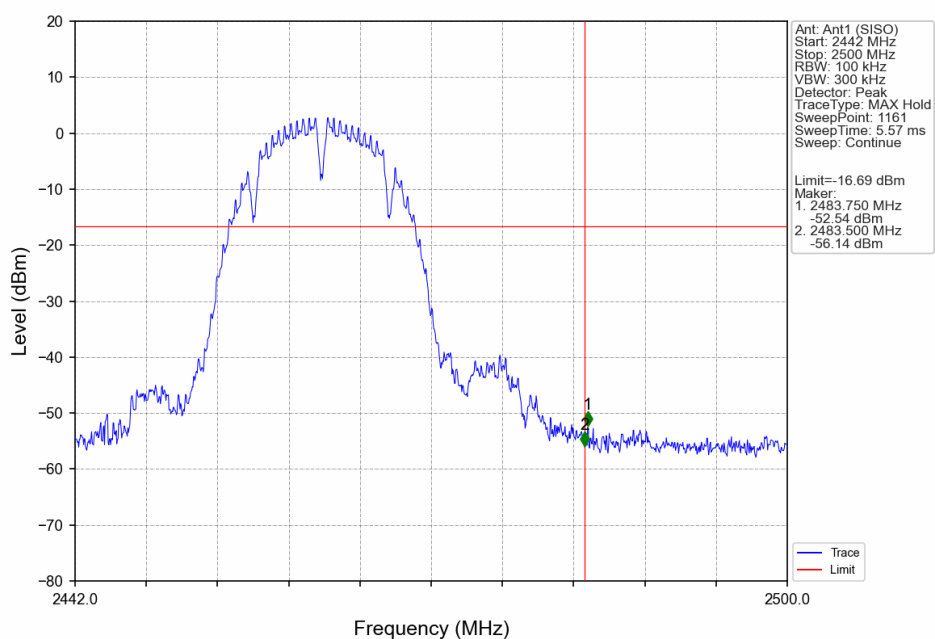
802.11b_LCH_2412MHz_Ant1 (SISO)_NTNV



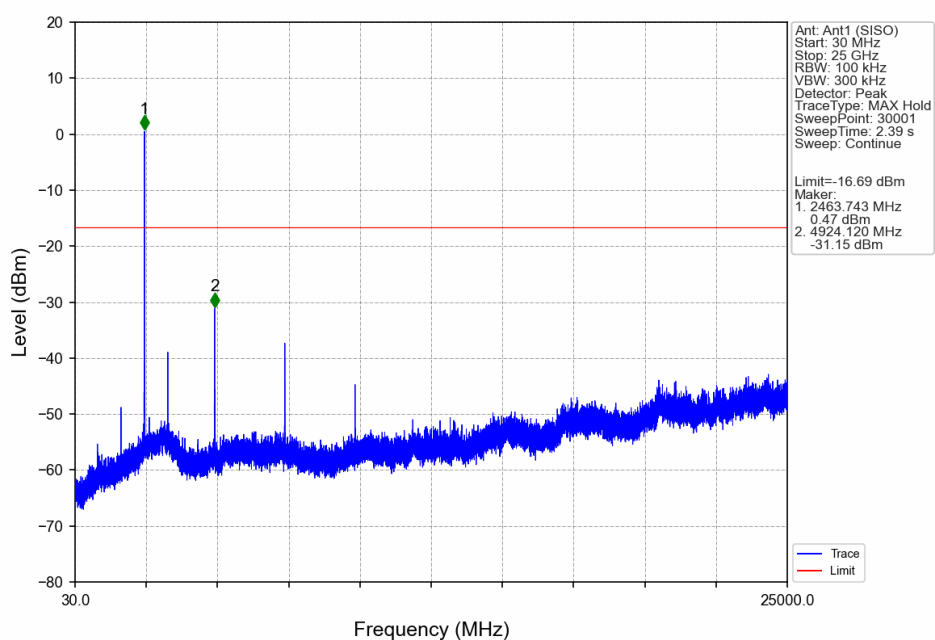
802.11b_MCH_2437MHz_Ant1 (SISO)_NTNV



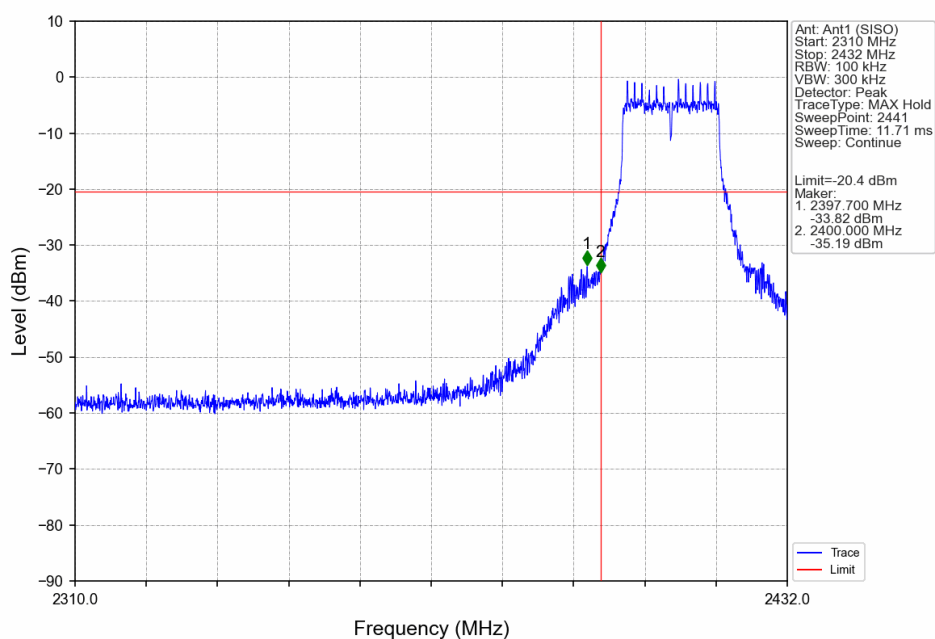
802.11b_HCH_2462MHz_Ant1 (SISO)_NTNV



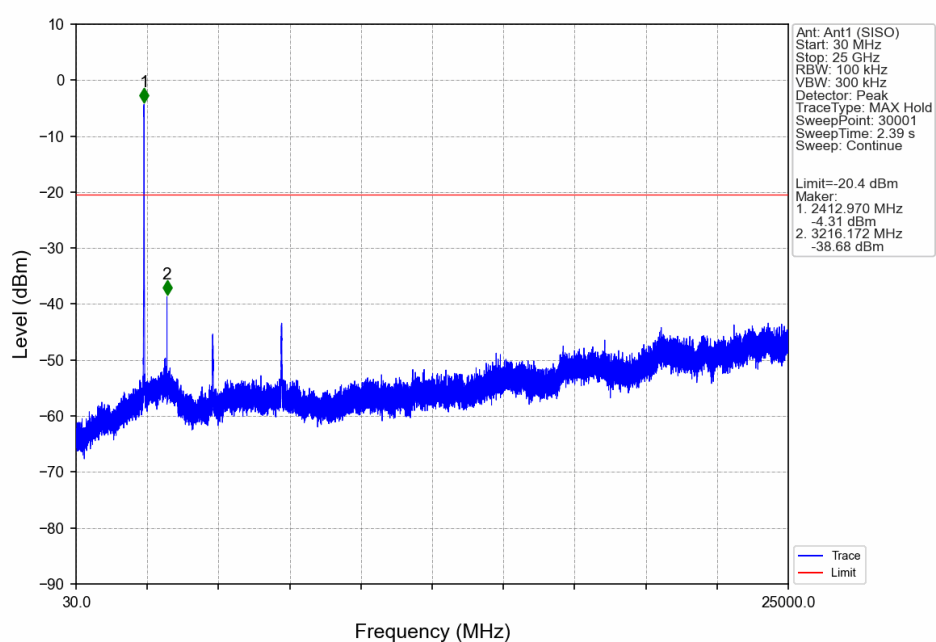
802.11b_HCH_2462MHz_Ant1 (SISO)_NTNV



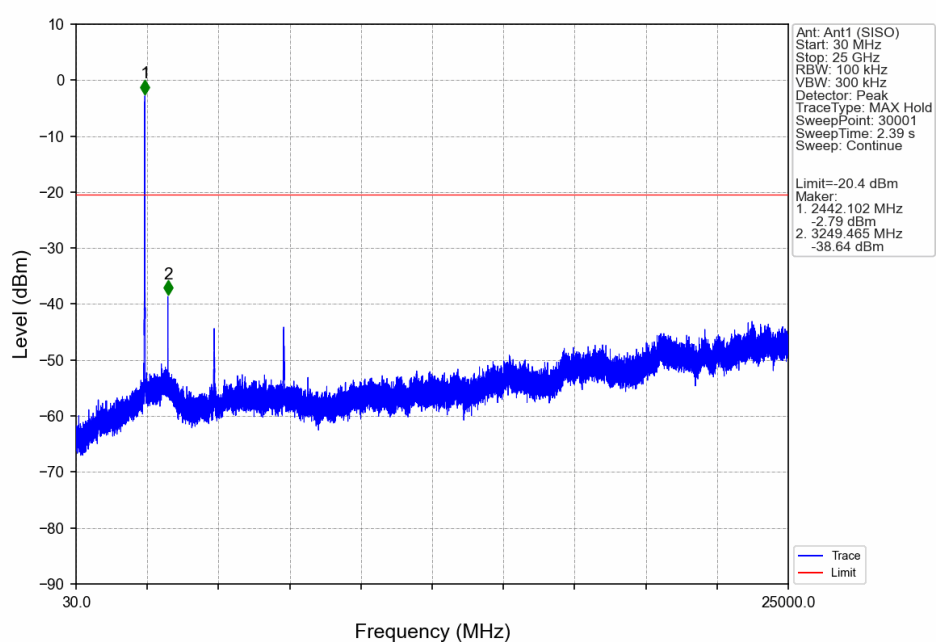
802.11g_LCH_2412MHz_Ant1 (SISO)_NTNV



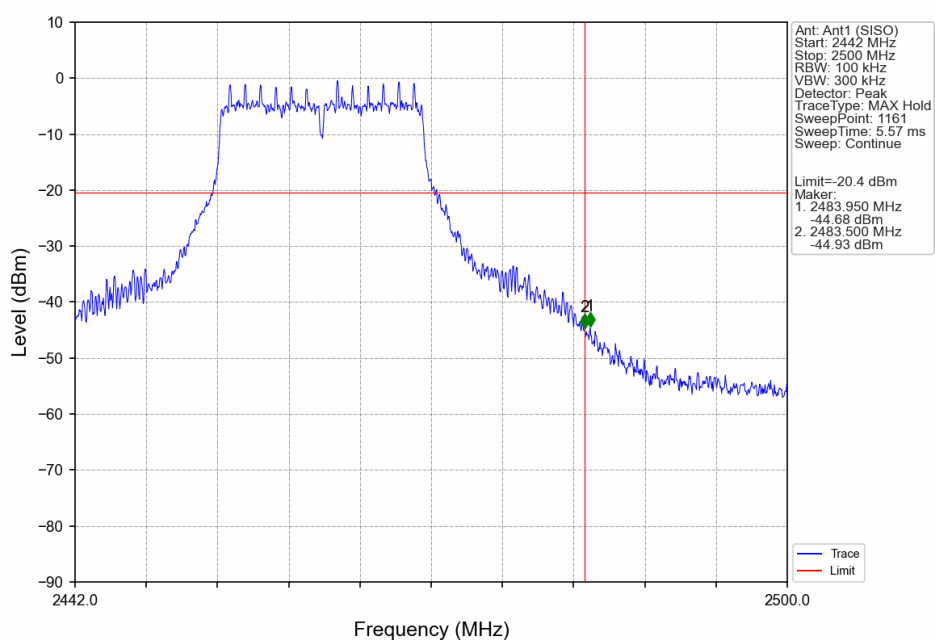
802.11g_LCH_2412MHz_Ant1 (SISO)_NTNV



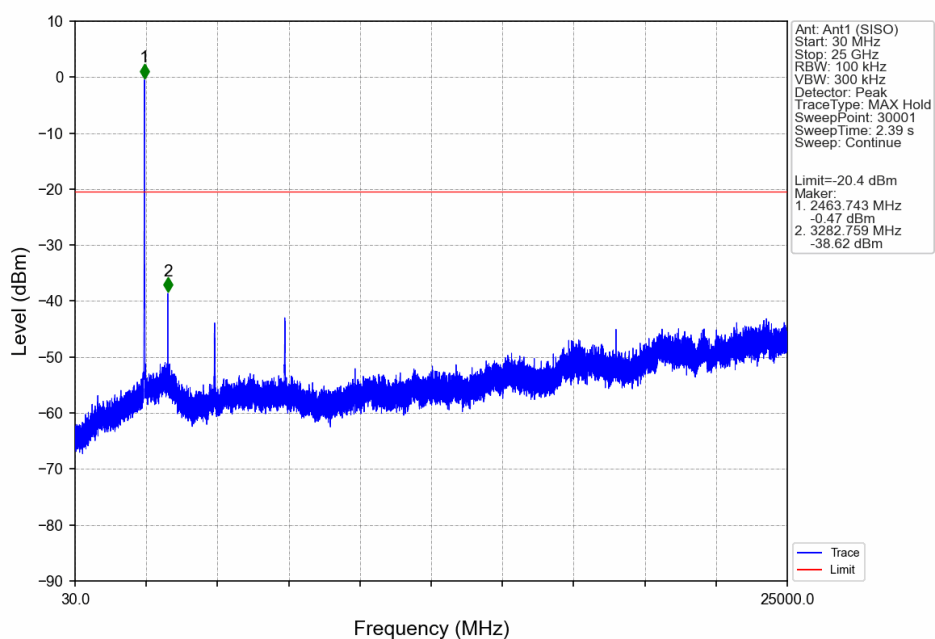
802.11g_MCH_2437MHz_Ant1 (SISO)_NTNV



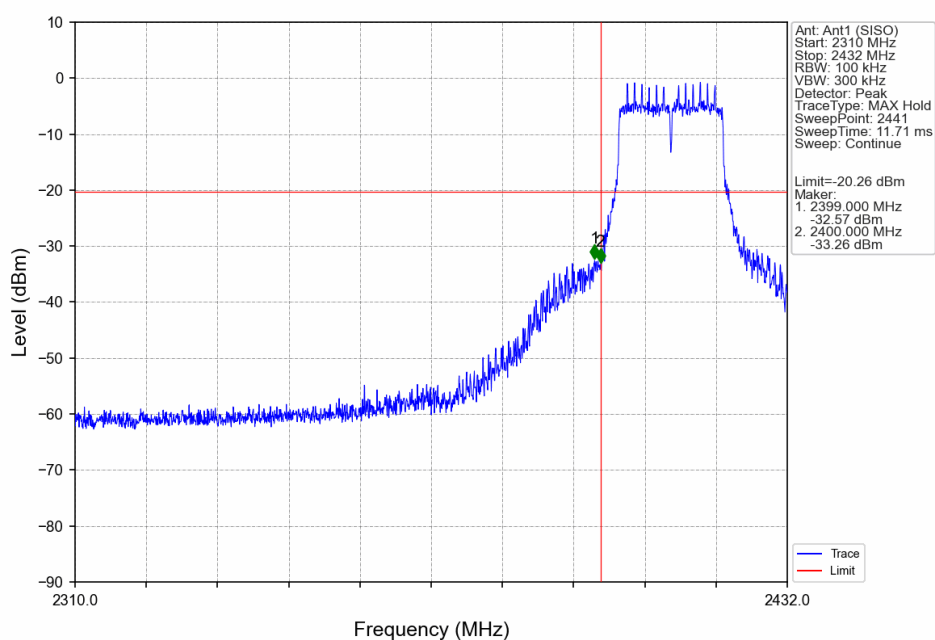
802.11g_HCH_2462MHz_Ant1 (SISO)_NTNV



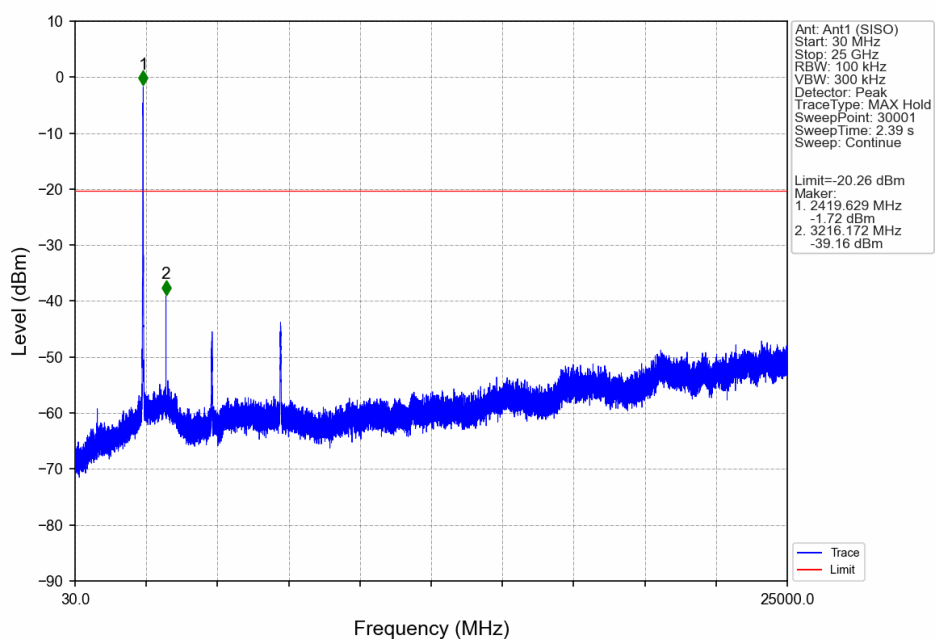
802.11g_HCH_2462MHz_Ant1 (SISO)_NTNV



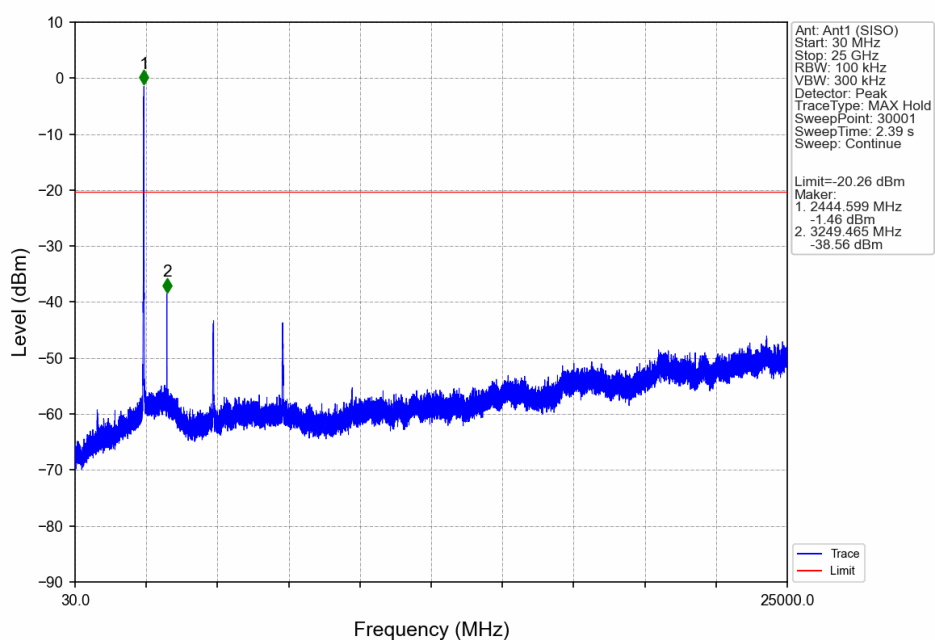
802.11n(HT20)_LCH_2412MHz_Ant1 (SISO)_NTNV



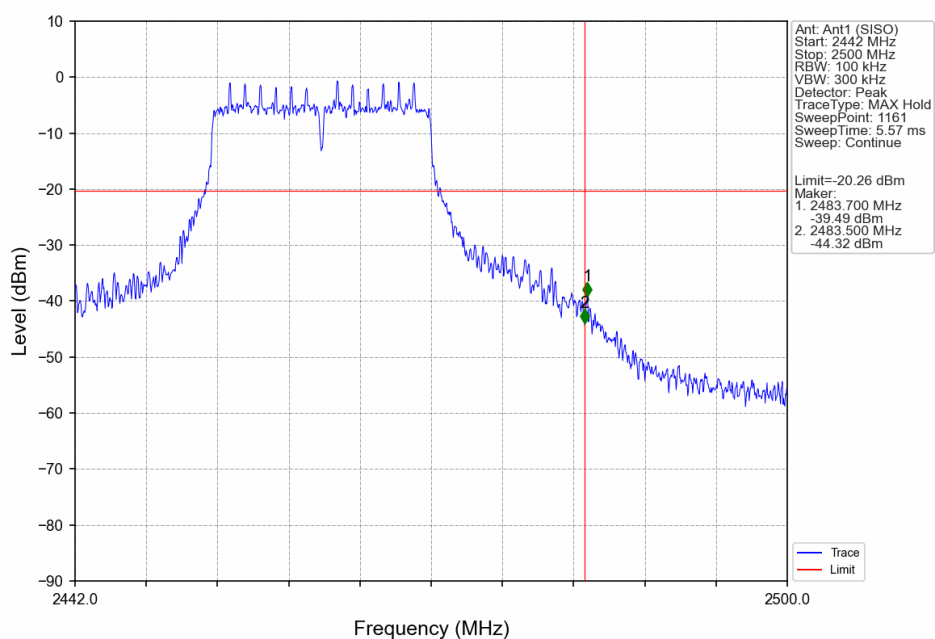
802.11n(HT20)_LCH_2412MHz_Ant1 (SISO)_NTNV



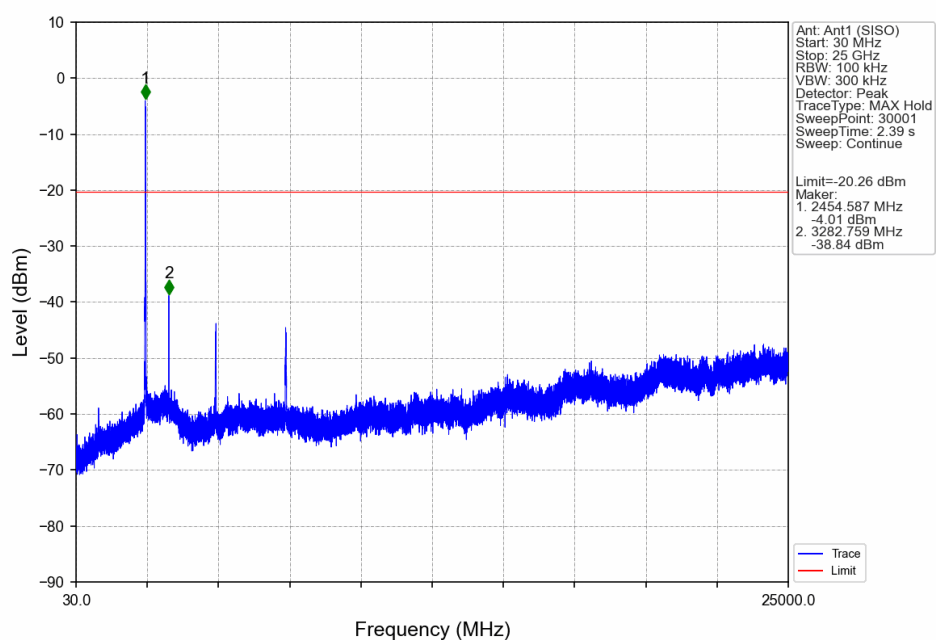
802.11n(HT20)_MCH_2437MHz_Ant1 (SISO)_NTNV



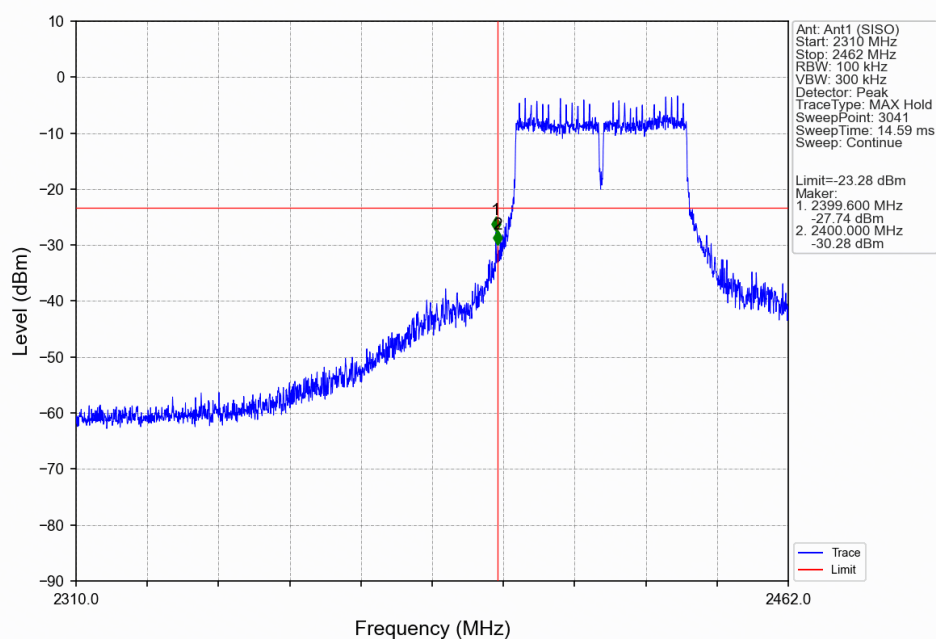
802.11n(HT20)_HCH_2462MHz_Ant1 (SISO)_NTNV



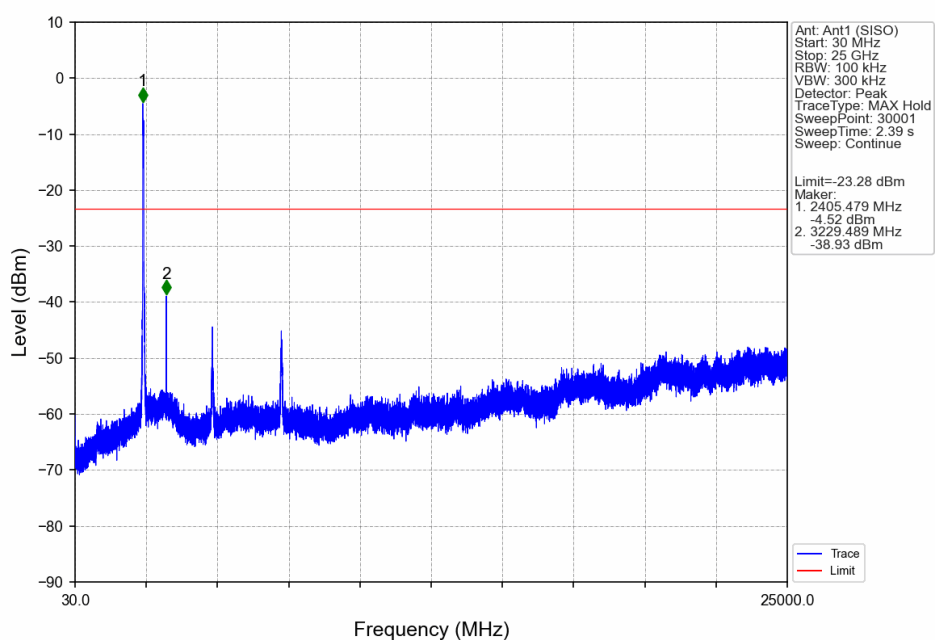
802.11n(HT20)_HCH_2462MHz_Ant1 (SISO)_NTNV



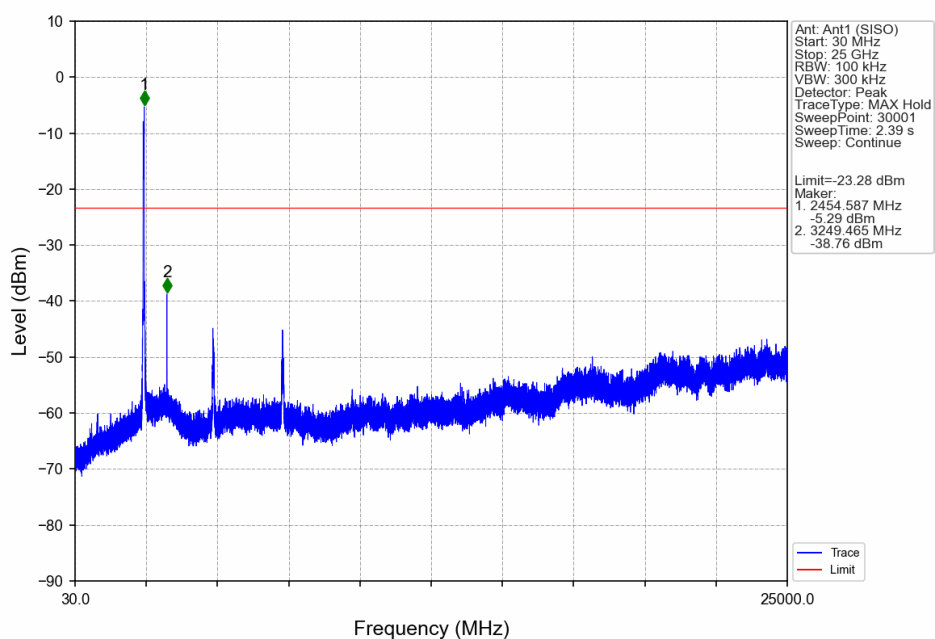
802.11n(HT40)_LCH_2422MHz_Ant1 (SISO)_NTNV



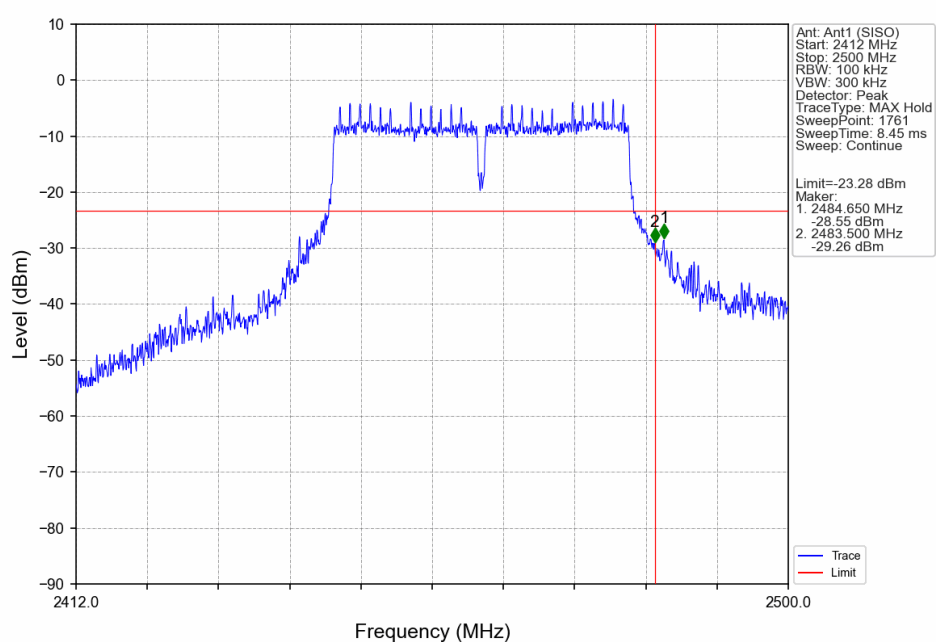
802.11n(HT40)_LCH_2422MHz_Ant1 (SISO)_NTNV



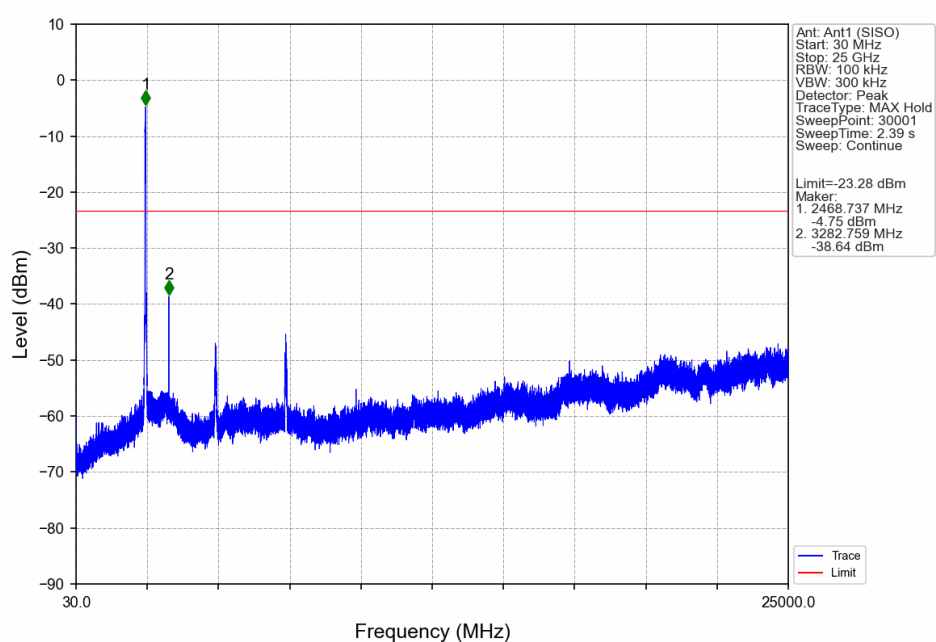
802.11n(HT40)_MCH_2437MHz_Ant1 (SISO)_NTNV



802.11n(HT40)_HCH_2452MHz_Ant1 (SISO)_NTNV



802.11n(HT40)_HCH_2452MHz_Ant1 (SISO)_NTNV



-----End-----