

FCC ID: 2BEKU-E100

Report No.: DLE-260907029R (Annex)

TEST DATA

Applicant:	Huizhou JTLlink Technology Co.,Ltd
Address:	3 Floor A Building, Hushan Science park, Hushan Village, Shiwan Town, Boluo Couty, Huizhou City, China
Manufacturer:	Huizhou JTLlink Technology Co.,Ltd
Address:	3 Floor A Building, Hushan Science park, Hushan Village, Shiwan Town, Boluo Couty, Huizhou City, China
Product Name:	AI Over-ear Headphones With Camera
Trade Mark:	N/A
Model Number:	E100, E200, E300, E500, E600, E800
Date of Receipt:	Sep. 07, 2026
Test Date:	Sep. 07, 2026 - Sep. 17, 2026
Date of Report:	Sep. 17, 2026
Prepared By:	Shenzhen DL Testing Technology Co., Ltd.
Address:	101-201, Comprehensive Building, Tongzhou Electronics Longgang Factory Area, No.1 Baolong Fifth Road, Baolong Community, Baolong Street, Longgang District, Shenzhen, China
Applicable Standards:	FCC PART 15 C 15.247 ANSI C63.10-2020 + Cor. 1-2023+C63.10a-2024 + Errata to C63.10a-2024
Test Result:	Pass

1. Duty Cycle

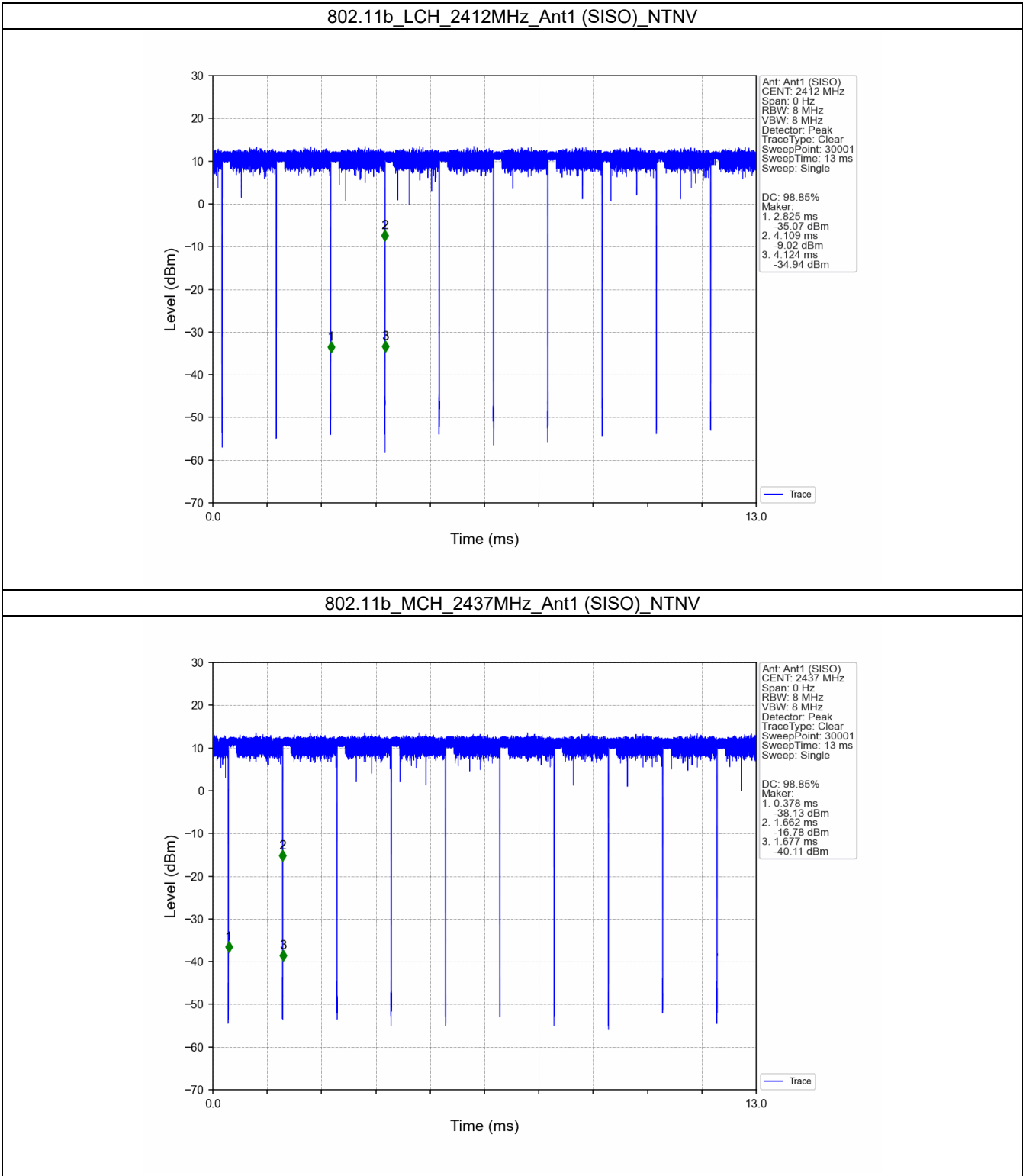
1.1 Test Result

1.1.1 Ant1

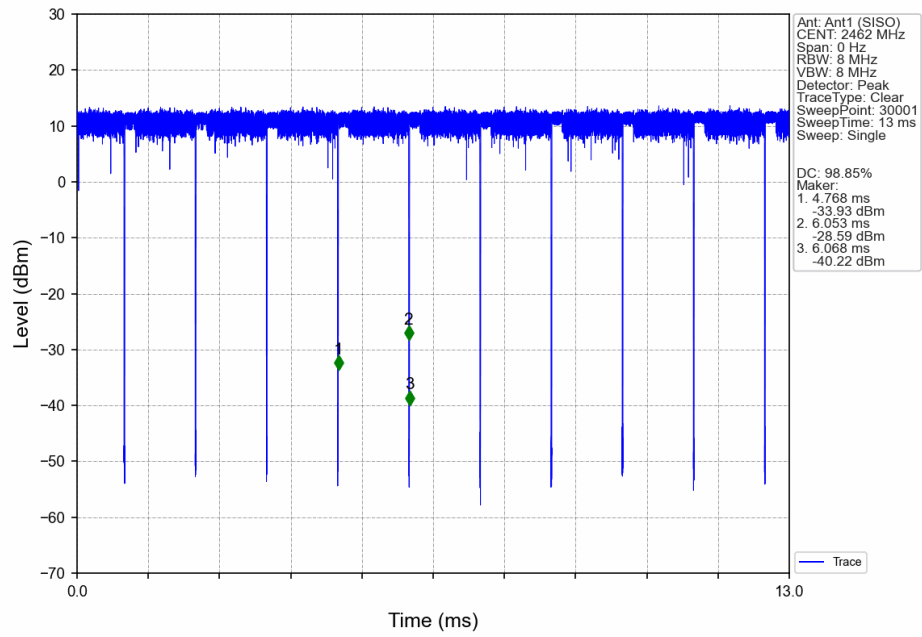
Ant1							
Mode	TX Type	Frequency (MHz)	T_on (ms)	Period (ms)	Duty Cycle (%)	Duty Cycle Correction Factor (dB)	Max. DC Variation (%)
802.11b	SISO	2412	1.284	1.299	98.85	0.05	0.03
		2437	1.284	1.299	98.85	0.05	0.03
		2462	1.285	1.300	98.85	0.05	0.07
802.11g	SISO	2412	0.245	0.277	88.45	0.53	0.10
		2437	0.244	0.277	88.09	0.55	0.07
		2462	0.244	0.277	88.09	0.55	0.16
802.11n (HT20)	SISO	2412	0.225	0.257	87.55	0.58	0.04
		2437	0.224	0.257	87.16	0.60	0.04
		2462	0.224	0.257	87.16	0.60	0.04
802.11n (HT40)	SISO	2422	0.129	0.161	80.12	0.96	0.04
		2437	0.129	0.161	80.12	0.96	0.04
		2452	0.130	0.161	80.75	0.93	0.18

1.2 Test Graph

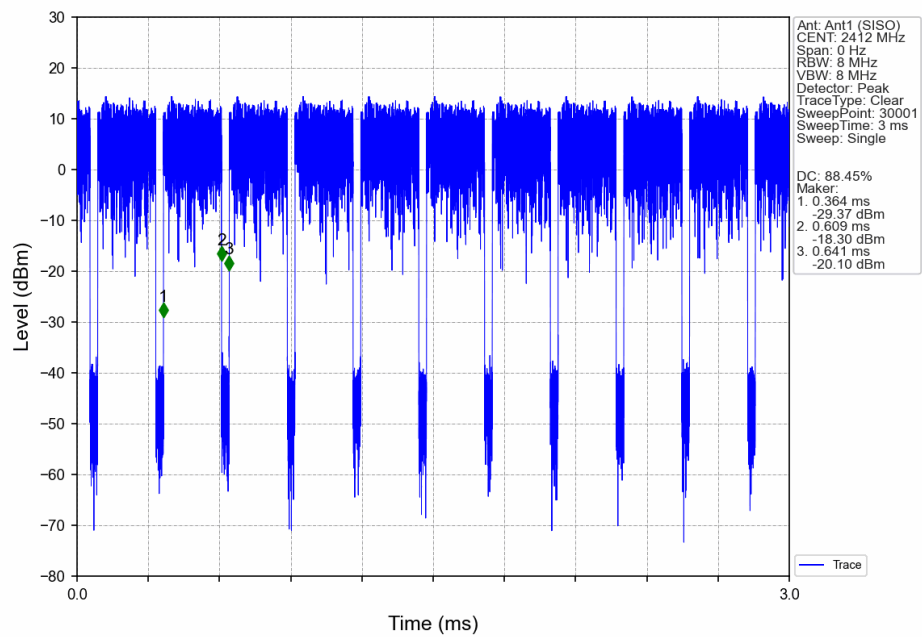
1.2.1 Ant1



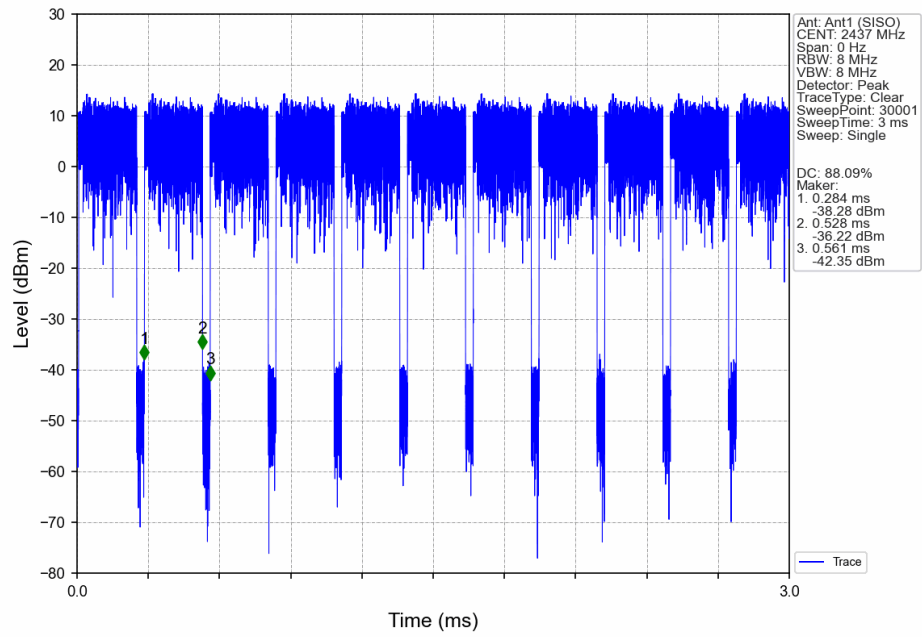
802.11b_HCH_2462MHz_Ant1 (SISO)_NTNV



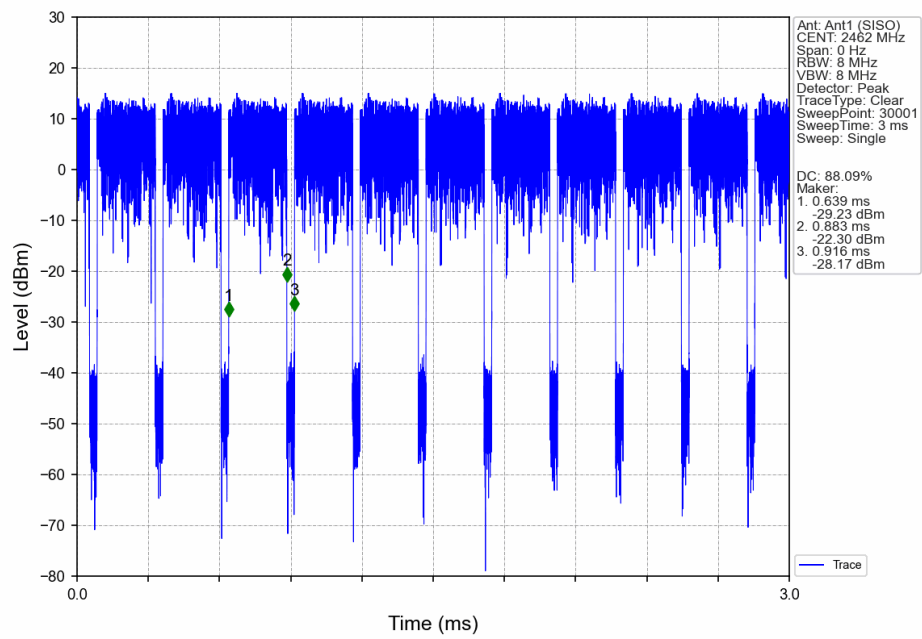
802.11g_LCH_2412MHz_Ant1 (SISO)_NTNV



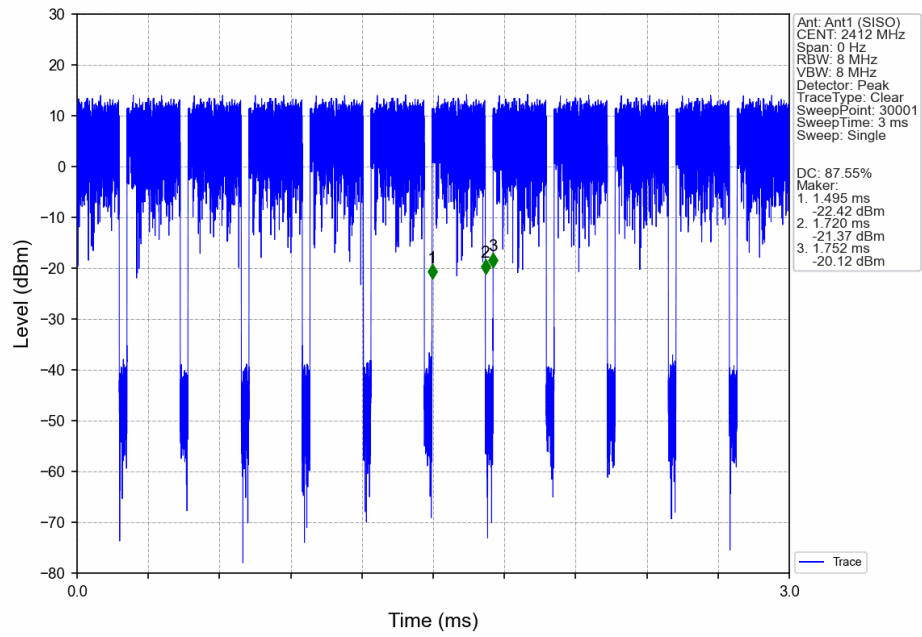
802.11g_MCH_2437MHz_Ant1 (SISO)_NTNV



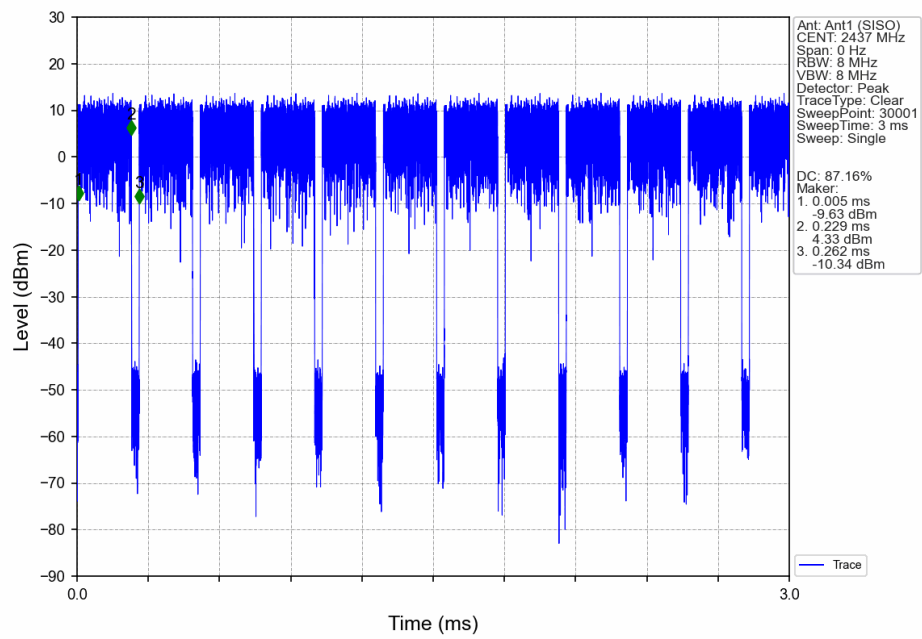
802.11g_HCH_2462MHz_Ant1 (SISO)_NTNV



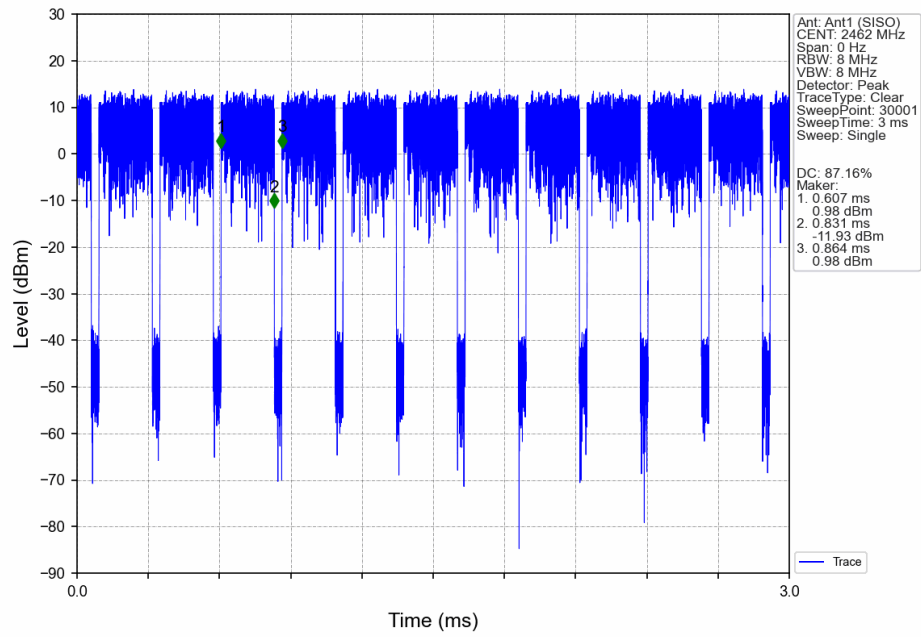
802.11n(HT20)_LCH_2412MHz_Ant1 (SISO)_NTNV



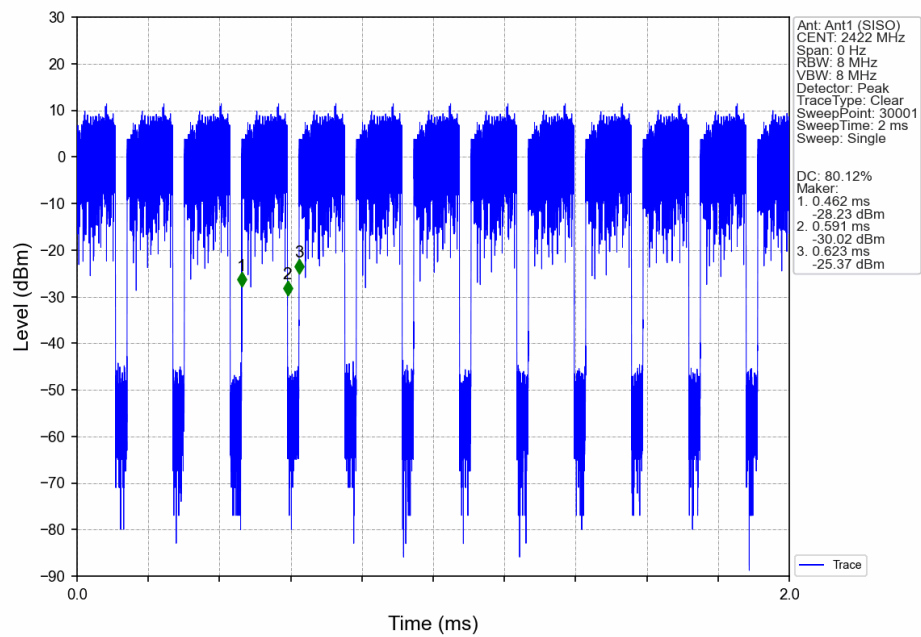
802.11n(HT20)_MCH_2437MHz_Ant1 (SISO)_NTNV



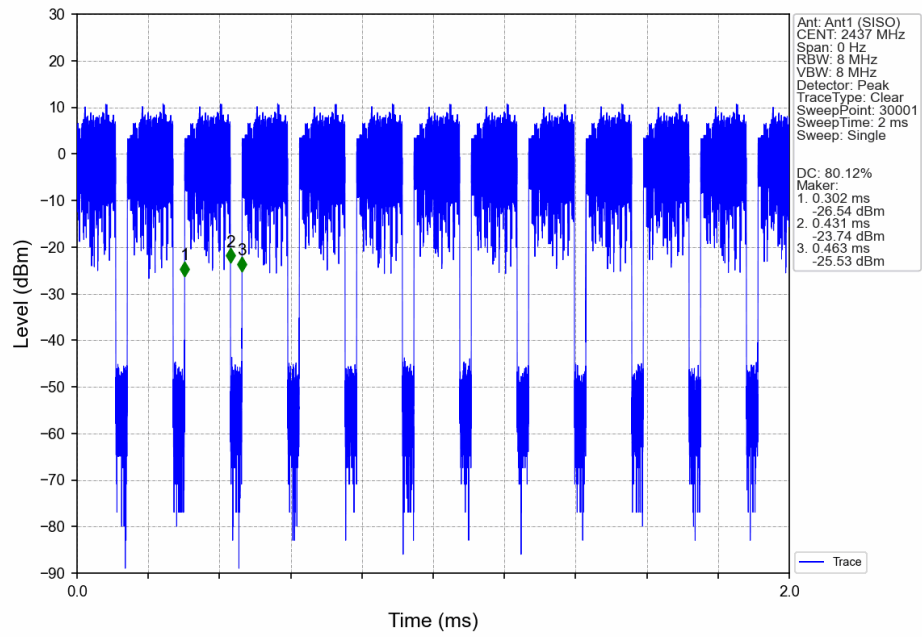
802.11n(HT20)_HCH_2462MHz_Ant1 (SISO)_NTNV



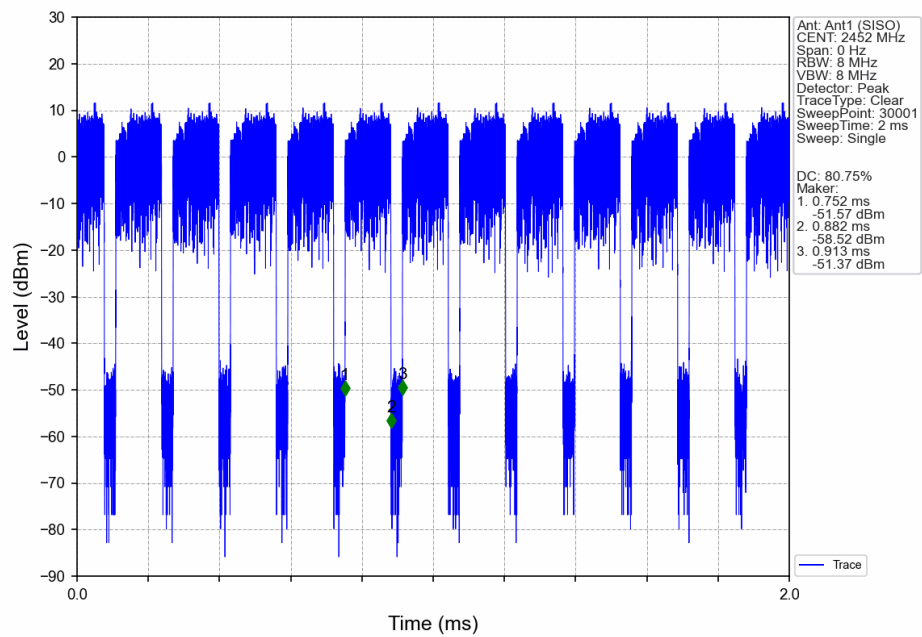
802.11n(HT40)_LCH_2422MHz_Ant1 (SISO)_NTNV



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

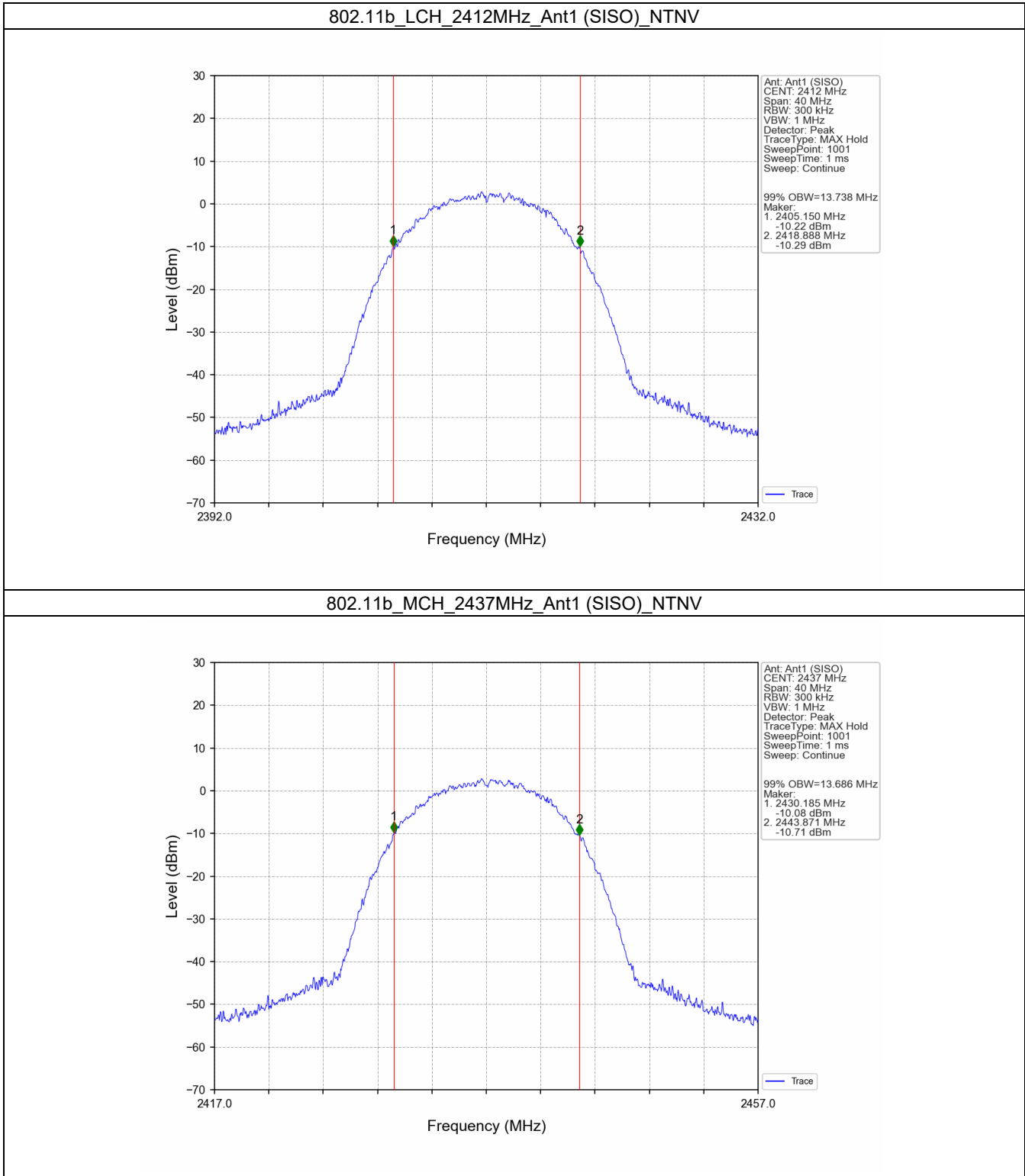
Mode	TX Type	Frequency (MHz)	ANT	99% Occupied Bandwidth (MHz)		Verdict
				Result	Limit	
802.11b	SISO	2412	1	13.738	/	Pass
		2437	1	13.686	/	Pass
		2462	1	13.718	/	Pass
802.11g	SISO	2412	1	16.692	/	Pass
		2437	1	16.687	/	Pass
		2462	1	16.686	/	Pass
802.11n (HT20)	SISO	2412	1	18.019	/	Pass
		2437	1	17.988	/	Pass
		2462	1	18.006	/	Pass
802.11n (HT40)	SISO	2422	1	36.274	/	Pass
		2437	1	36.279	/	Pass
		2452	1	36.254	/	Pass

2.1.2 6dB BW

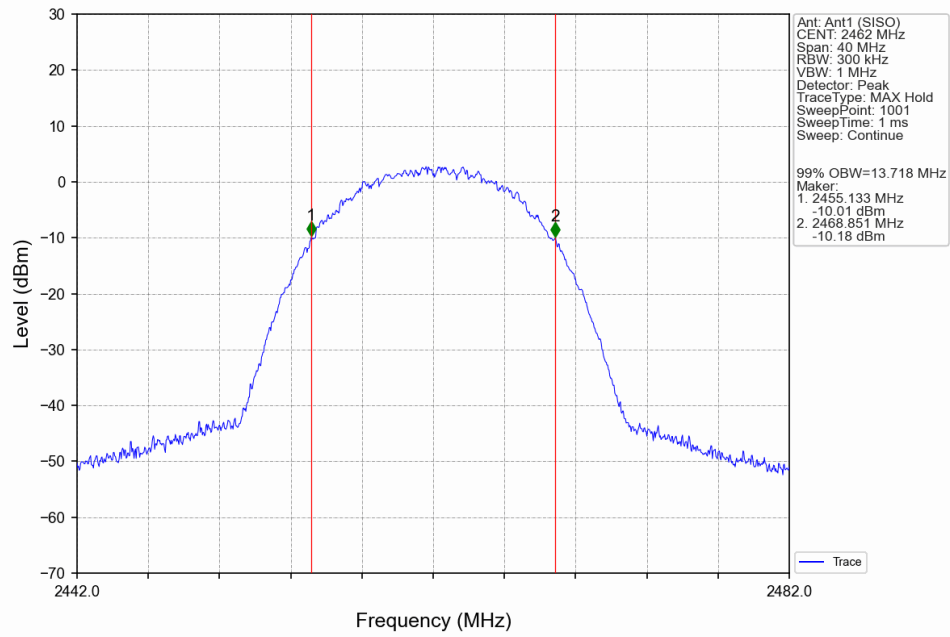
Mode	TX Type	Frequency (MHz)	ANT	6dB Bandwidth (MHz)		Verdict
				Result	Limit	
802.11b	SISO	2412	1	9.325	≥ 0.5	Pass
		2437	1	9.333	≥ 0.5	Pass
		2462	1	9.726	≥ 0.5	Pass
802.11g	SISO	2412	1	16.517	≥ 0.5	Pass
		2437	1	16.504	≥ 0.5	Pass
		2462	1	16.490	≥ 0.5	Pass
802.11n (HT20)	SISO	2412	1	17.818	≥ 0.5	Pass
		2437	1	17.786	≥ 0.5	Pass
		2462	1	17.790	≥ 0.5	Pass
802.11n (HT40)	SISO	2422	1	36.404	≥ 0.5	Pass
		2437	1	36.385	≥ 0.5	Pass
		2452	1	36.373	≥ 0.5	Pass

2.2 Test Graph

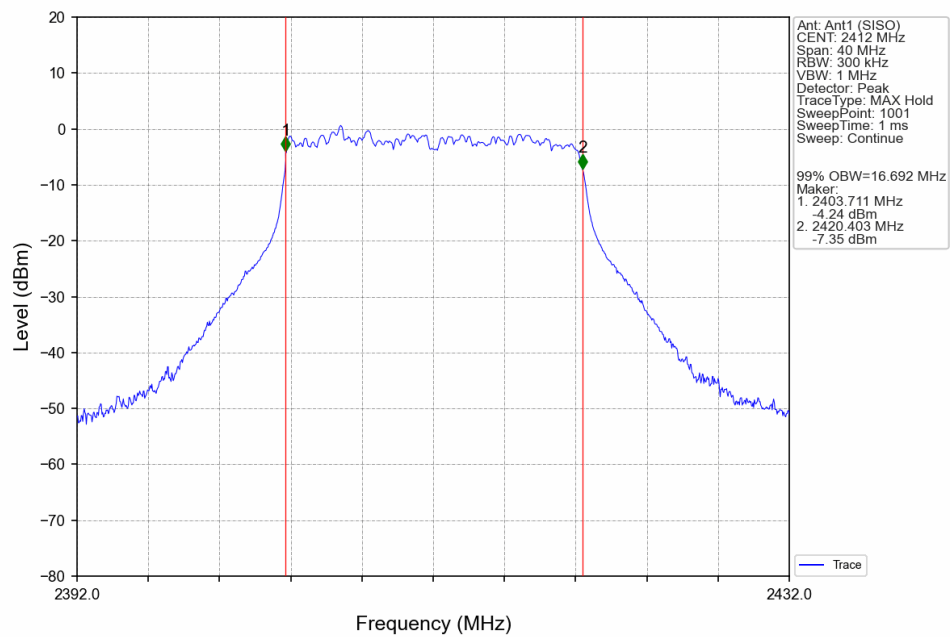
2.2.1 OBW



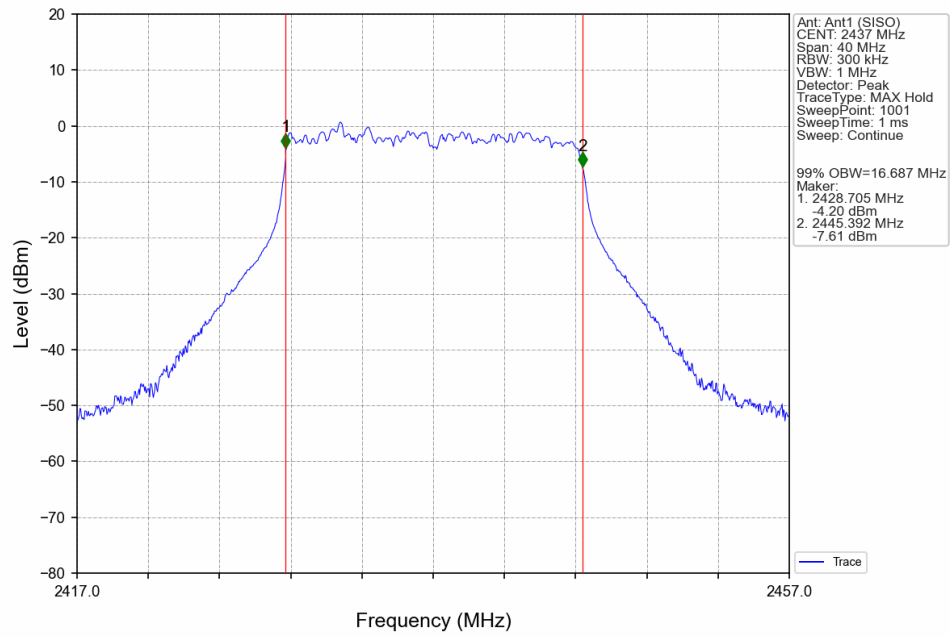
802.11b_HCH_2462MHz_Ant1 (SISO)_NTNV



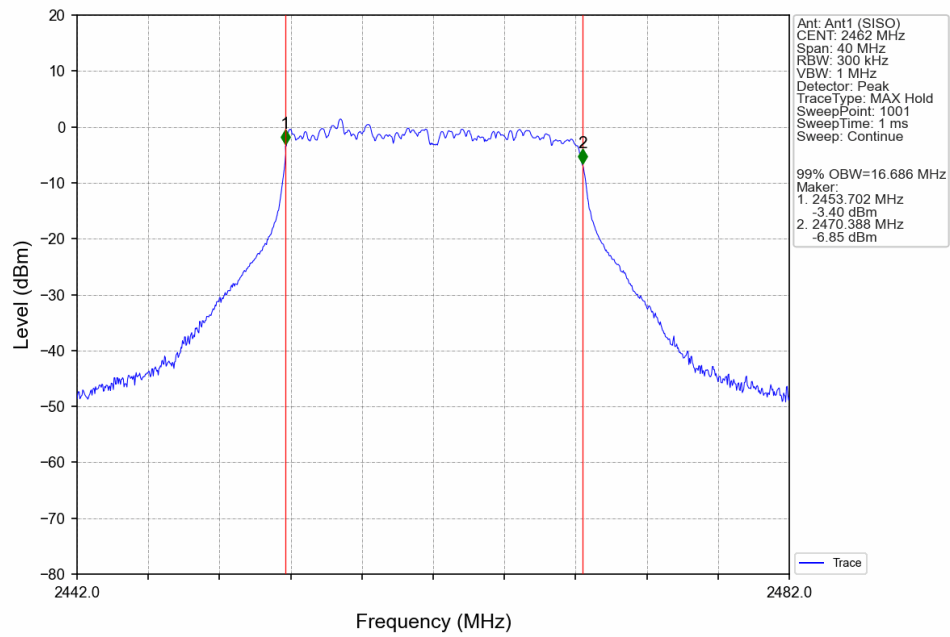
802.11g_LCH_2412MHz_Ant1 (SISO)_NTNV



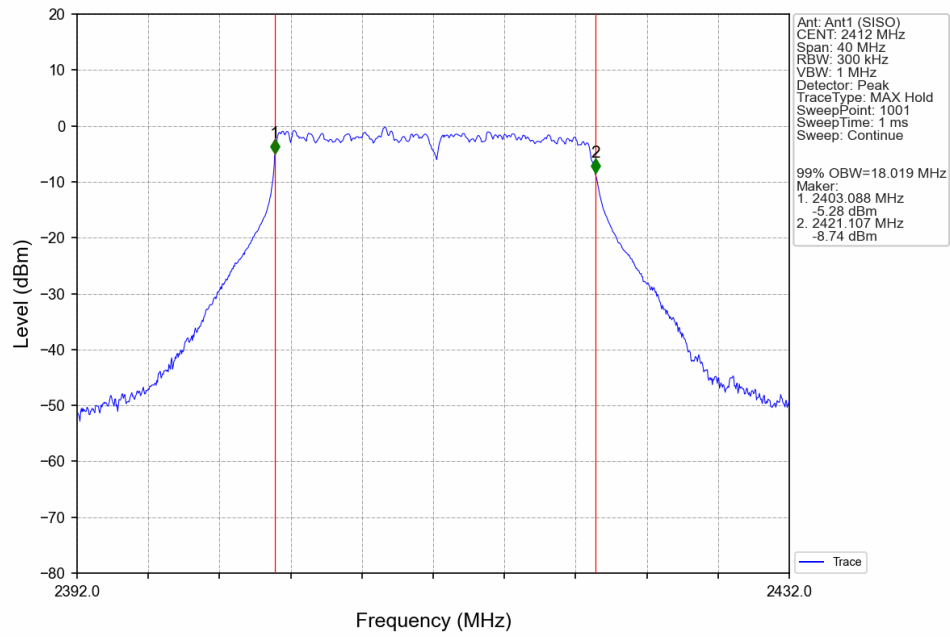
802.11g_MCH_2437MHz_Ant1 (SISO)_NTNV



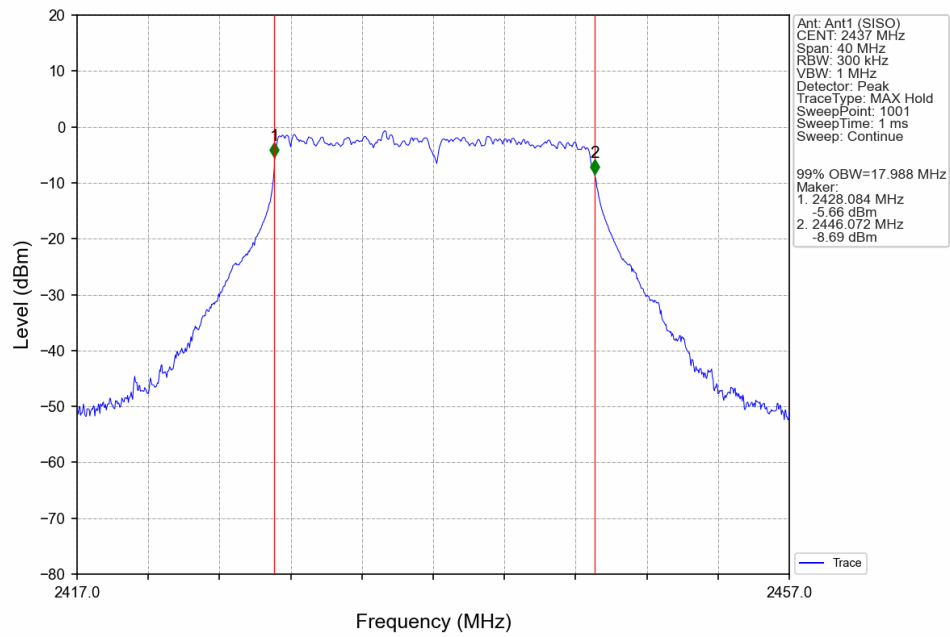
802.11g_HCH_2462MHz_Ant1 (SISO)_NTNV



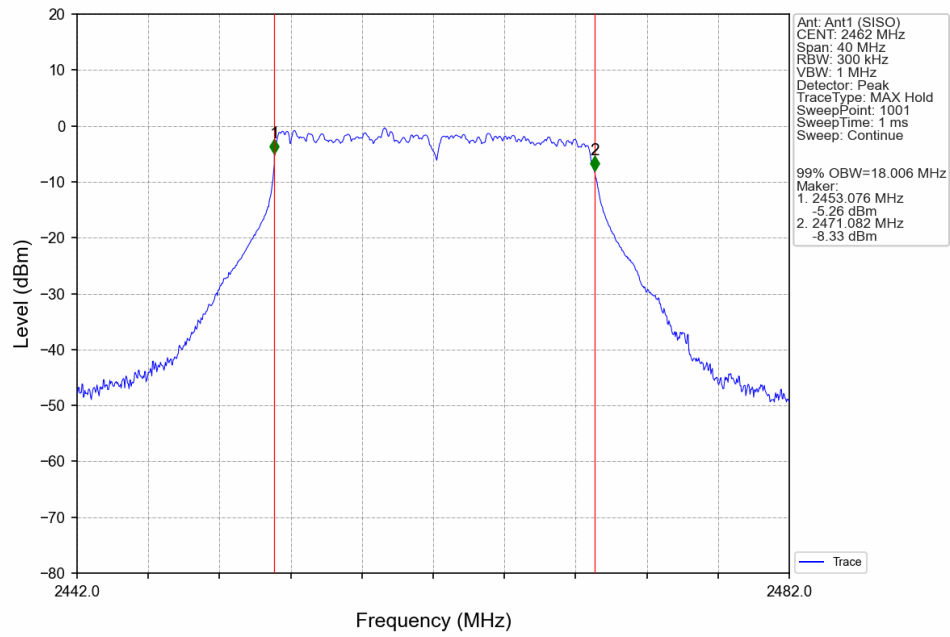
802.11n(HT20)_LCH_2412MHz_Ant1 (SISO)_NTNV



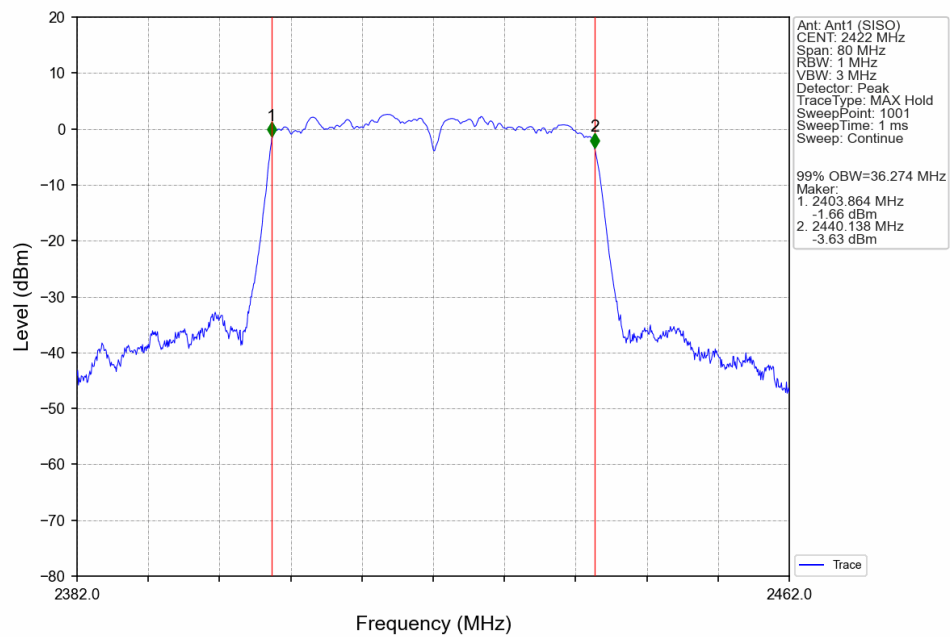
802.11n(HT20)_MCH_2437MHz_Ant1 (SISO)_NTNV



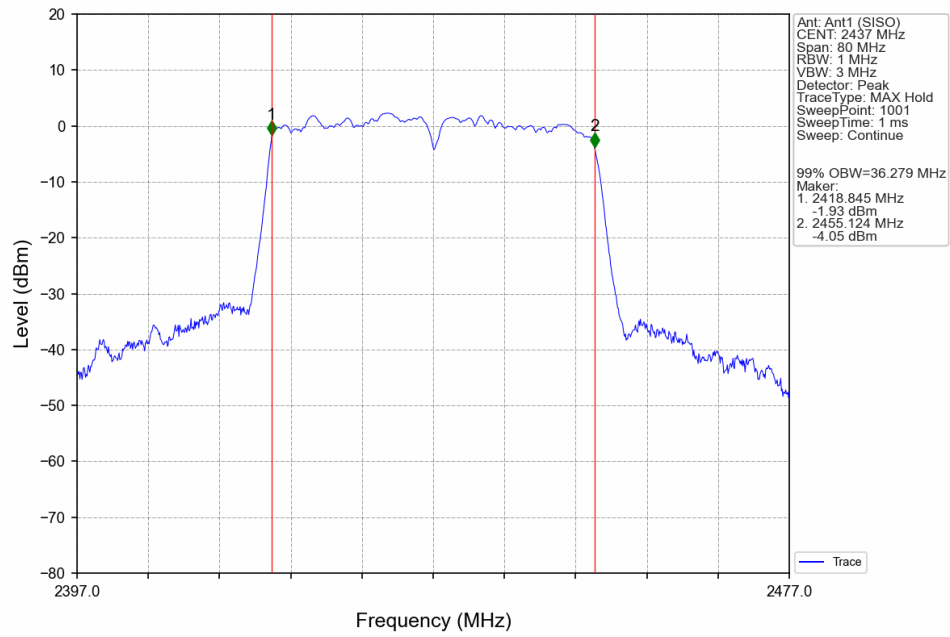
802.11n(HT20)_HCH_2462MHz_Ant1 (SISO)_NTNV



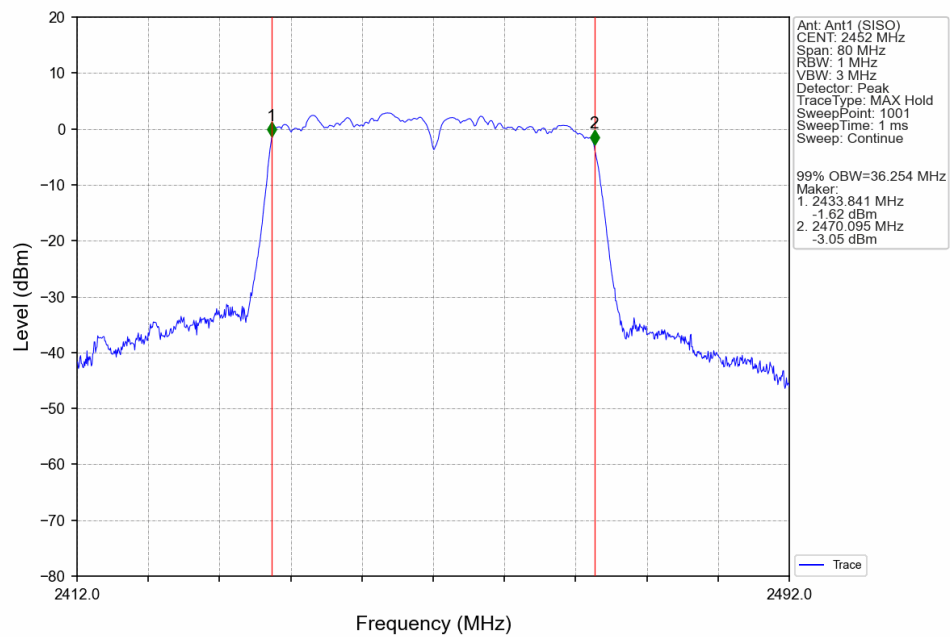
802.11n(HT40)_LCH_2422MHz_Ant1 (SISO)_NTNV



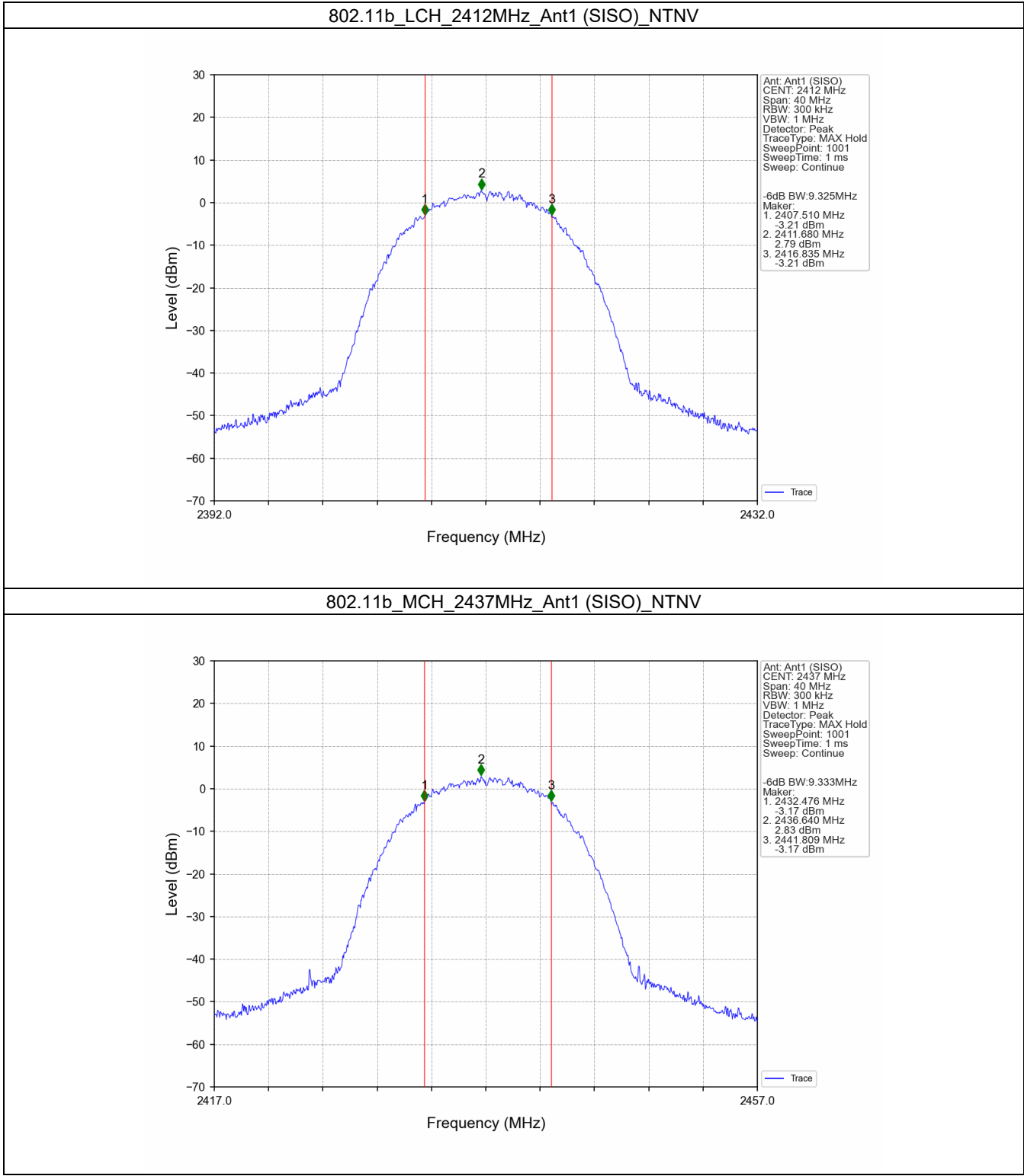
802.11n(HT40)_MCH_2437MHz_Ant1 (SISO)_NTNV



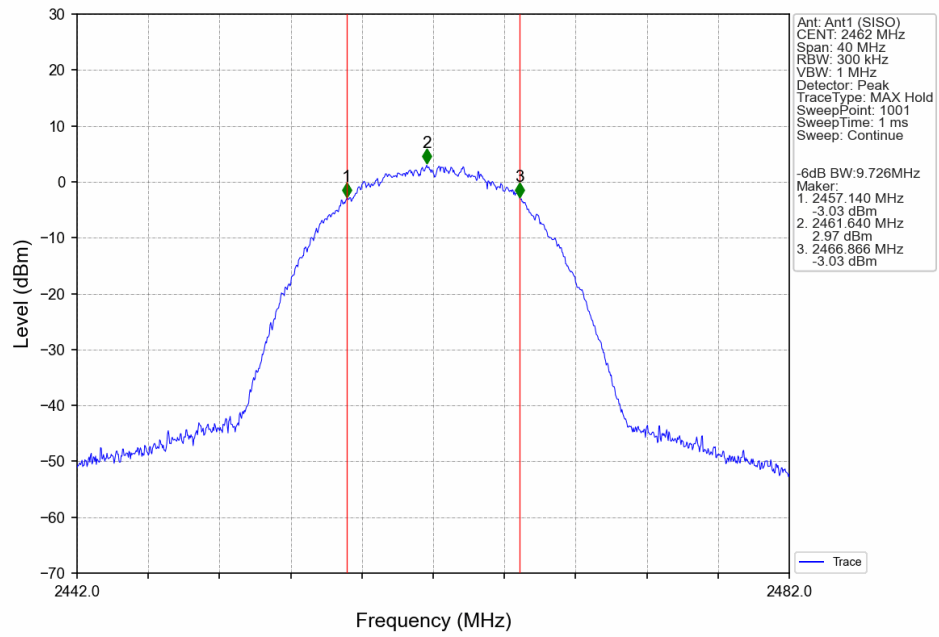
802.11n(HT40)_HCH_2452MHz_Ant1 (SISO)_NTNV



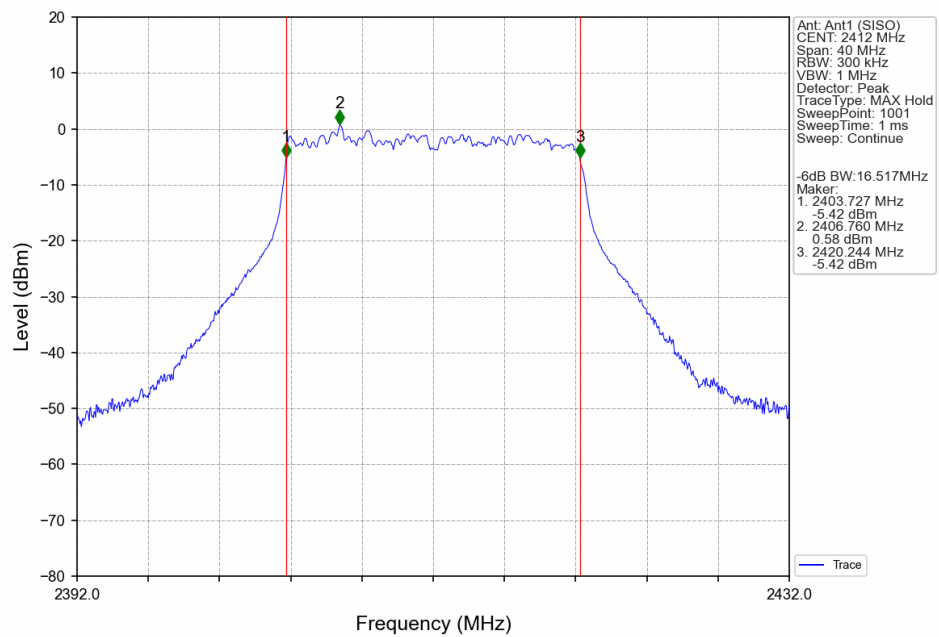
2.2.2 6dB BW



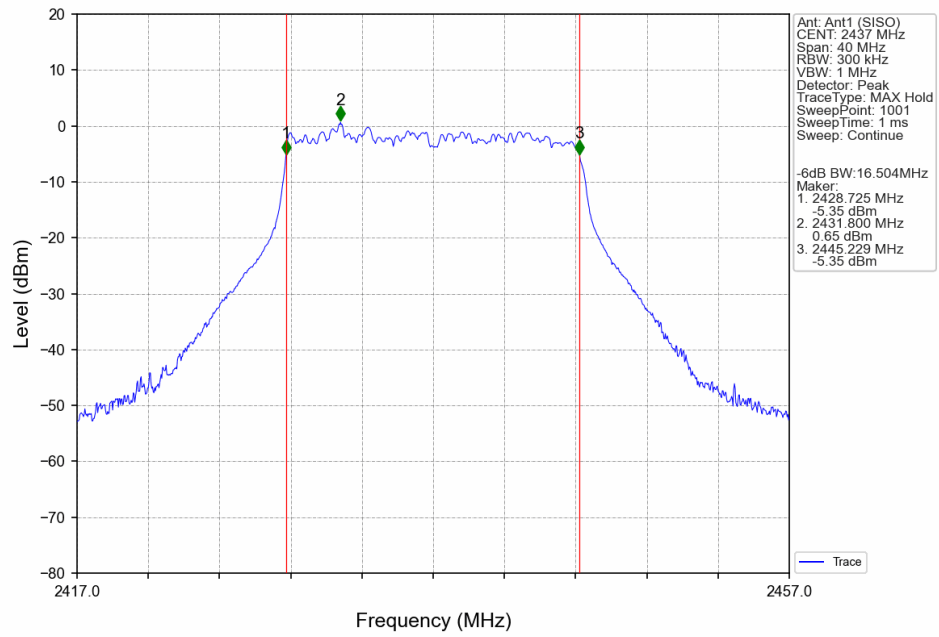
802.11b_HCH_2462MHz_Ant1 (SISO)_NTNV



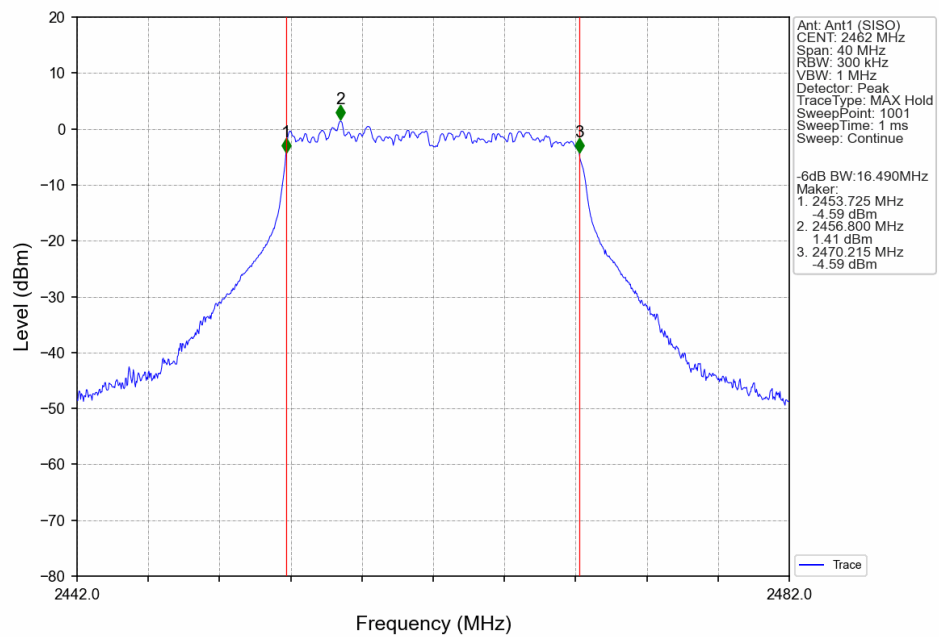
802.11g_LCH_2412MHz_Ant1 (SISO)_NTNV



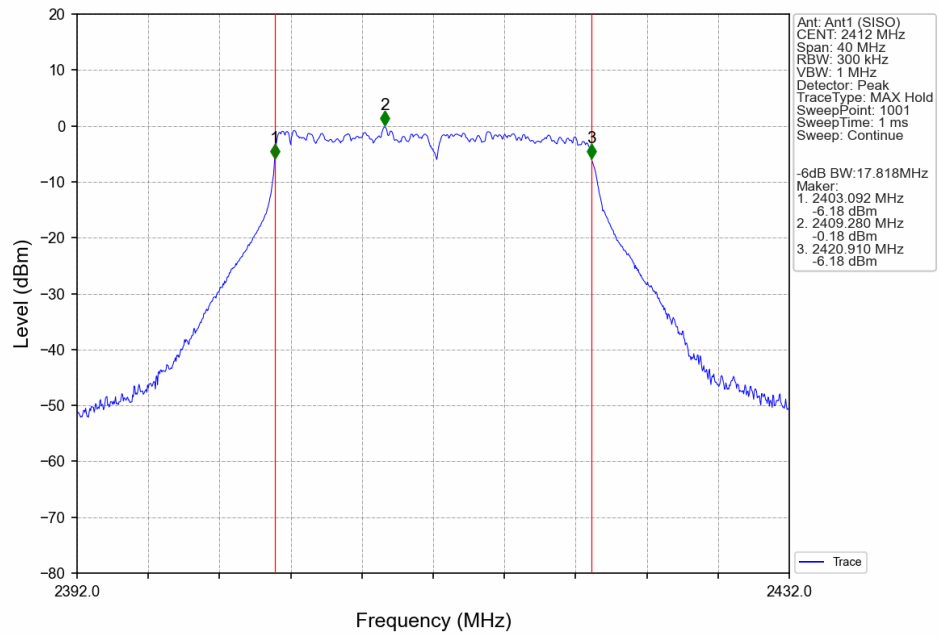
802.11g_MCH_2437MHz_Ant1 (SISO)_NTNV



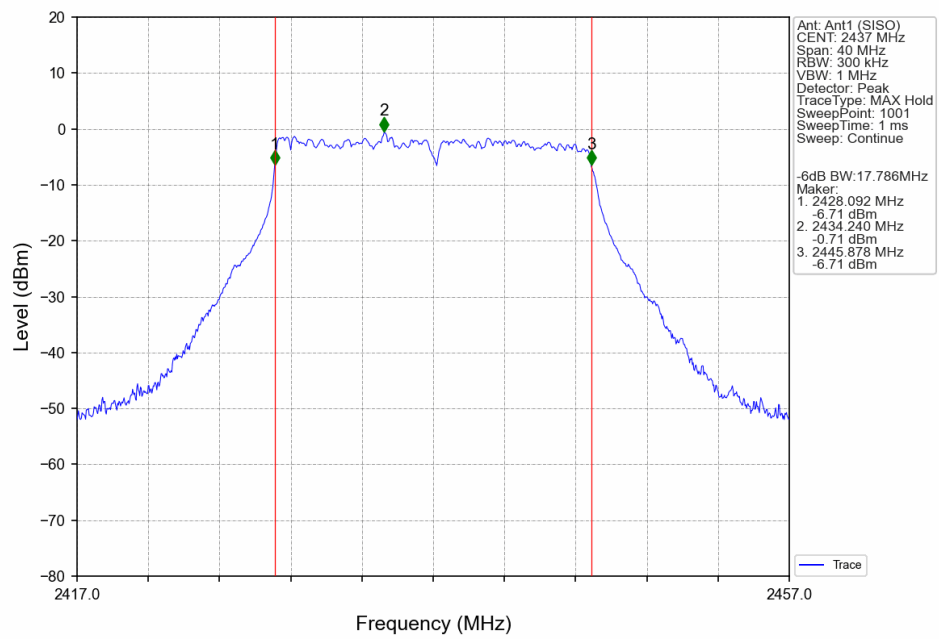
802.11g_HCH_2462MHz_Ant1 (SISO)_NTNV



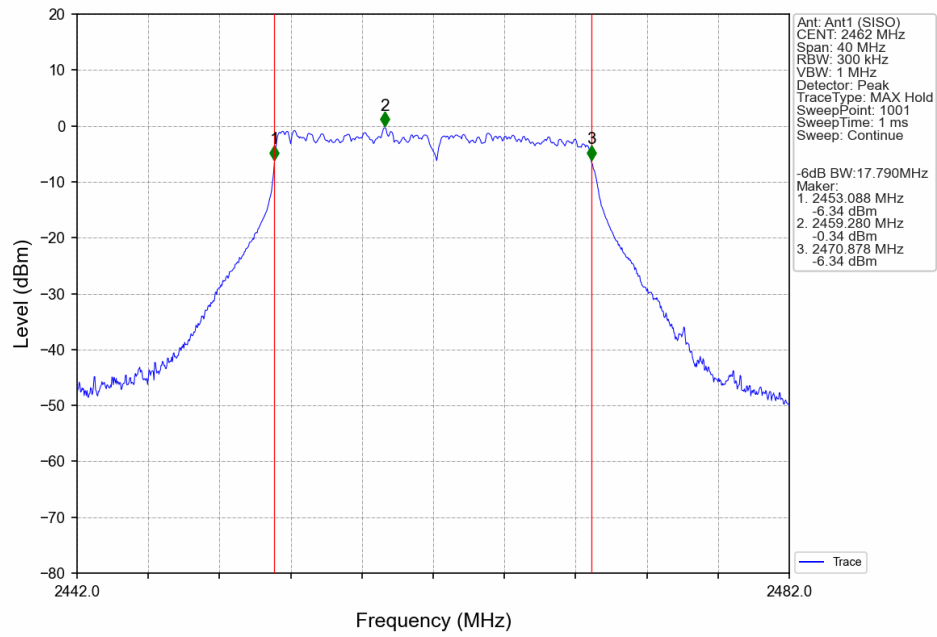
802.11n(HT20)_LCH_2412MHz_Ant1 (SISO)_NTNV



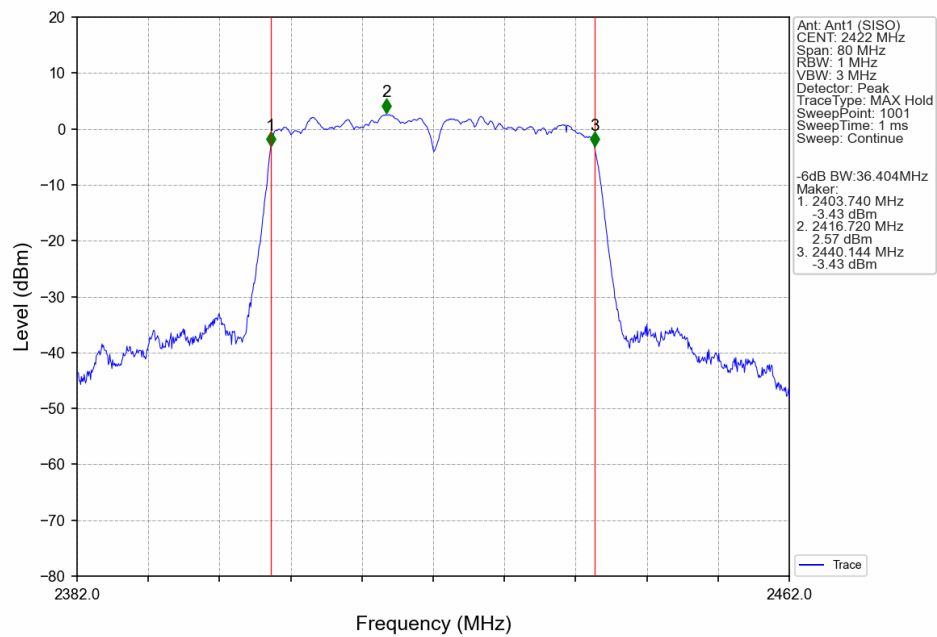
802.11n(HT20)_MCH_2437MHz_Ant1 (SISO)_NTNV



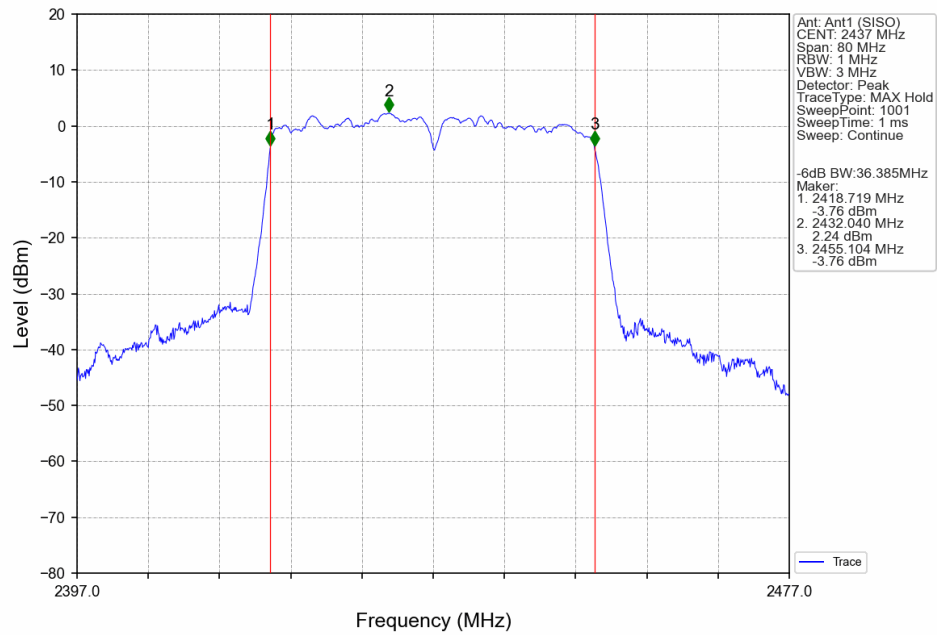
802.11n(HT20)_HCH_2462MHz_Ant1 (SISO)_NTNV



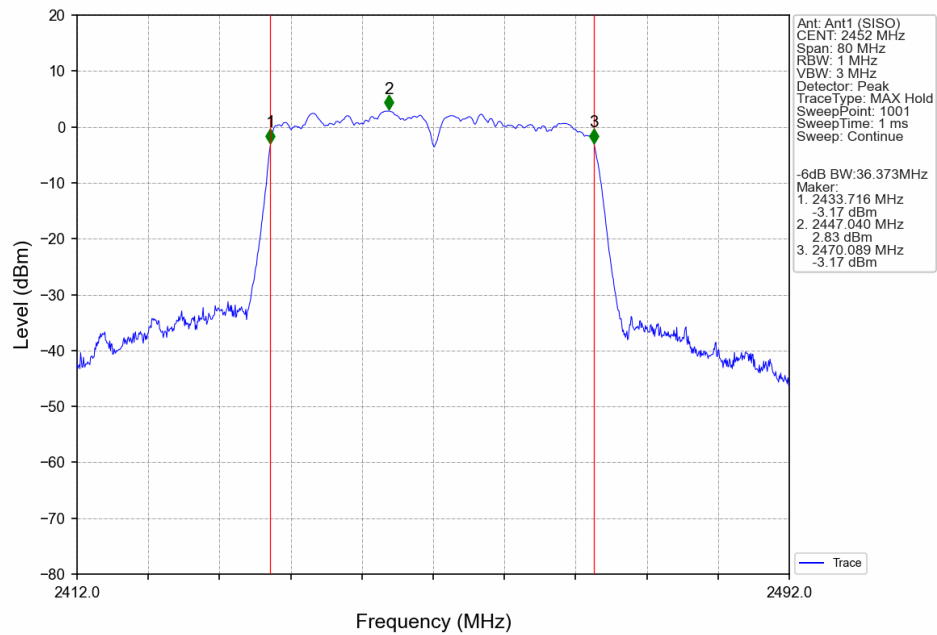
802.11n(HT40)_LCH_2422MHz_Ant1 (SISO)_NTNV



802.11n(HT40)_MCH_2437MHz_Ant1 (SISO)_NTNV



802.11n(HT40)_HCH_2452MHz_Ant1 (SISO)_NTNV



3. Maximum Conducted Output Power

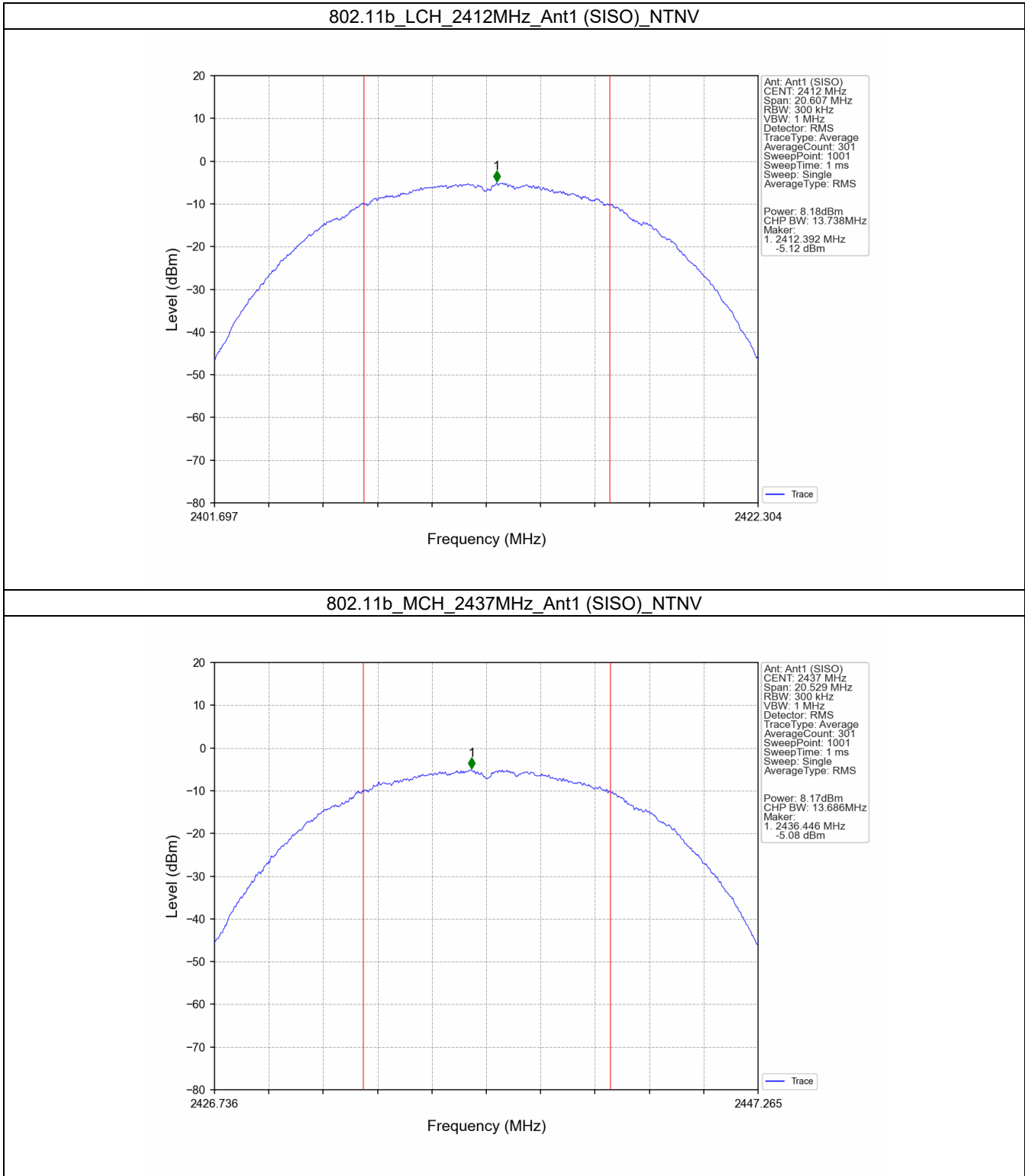
3.1 Test Result

3.1.1 Power

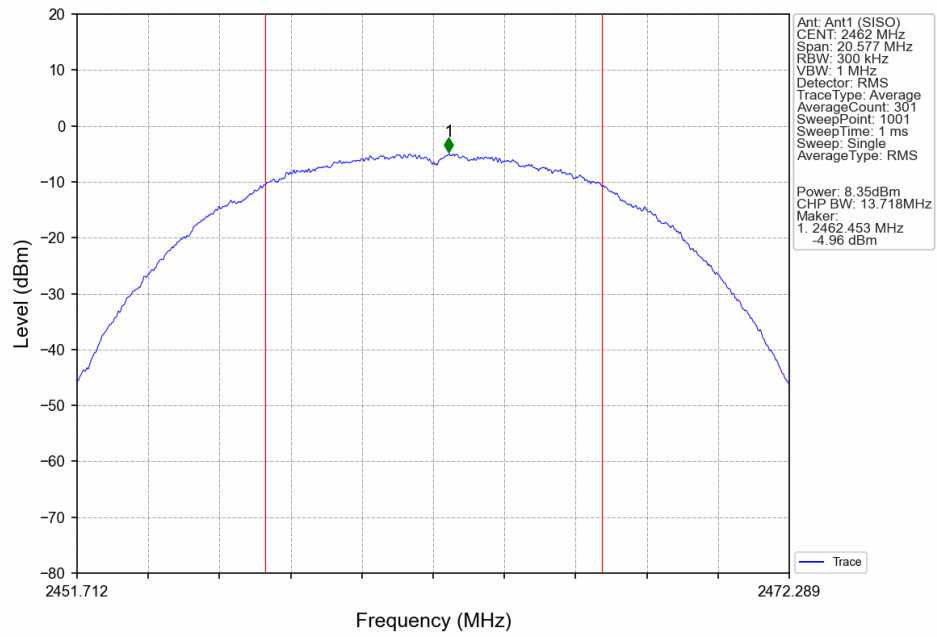
Mode	TX Type	Frequency (MHz)	Maximum Average Conducted Output Power (dBm)				Verdict
			Reading (dBm)	Duty Cycle Factor (dB)	Final Result (dBm)	Limit	
802.11b	SISO	2412	8.18	0.05	8.23	<=30	Pass
		2437	8.17	0.05	8.22	<=30	Pass
		2462	8.35	0.05	8.40	<=30	Pass
802.11g	SISO	2412	8.26	0.53	8.79	<=30	Pass
		2437	8.26	0.55	8.81	<=30	Pass
		2462	8.96	0.55	9.51	<=30	Pass
802.11n (HT20)	SISO	2412	8.83	0.58	9.41	<=30	Pass
		2437	8.26	0.60	8.86	<=30	Pass
		2462	8.62	0.60	9.22	<=30	Pass
802.11n (HT40)	SISO	2422	8.58	0.96	9.54	<=30	Pass
		2437	8.25	0.96	9.21	<=30	Pass
		2452	8.75	0.93	9.68	<=30	Pass

3.2 Test Graph

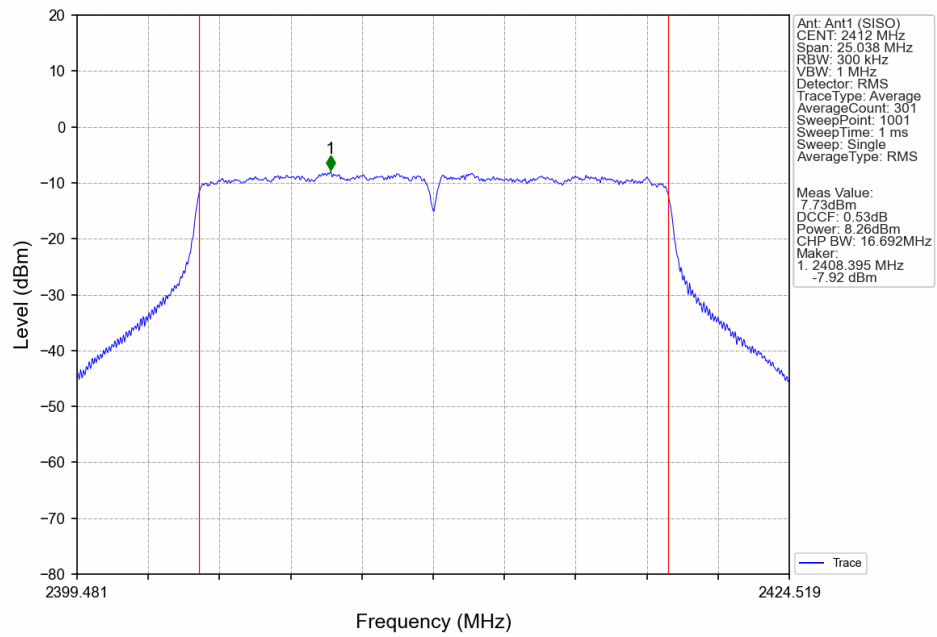
3.2.1 Power



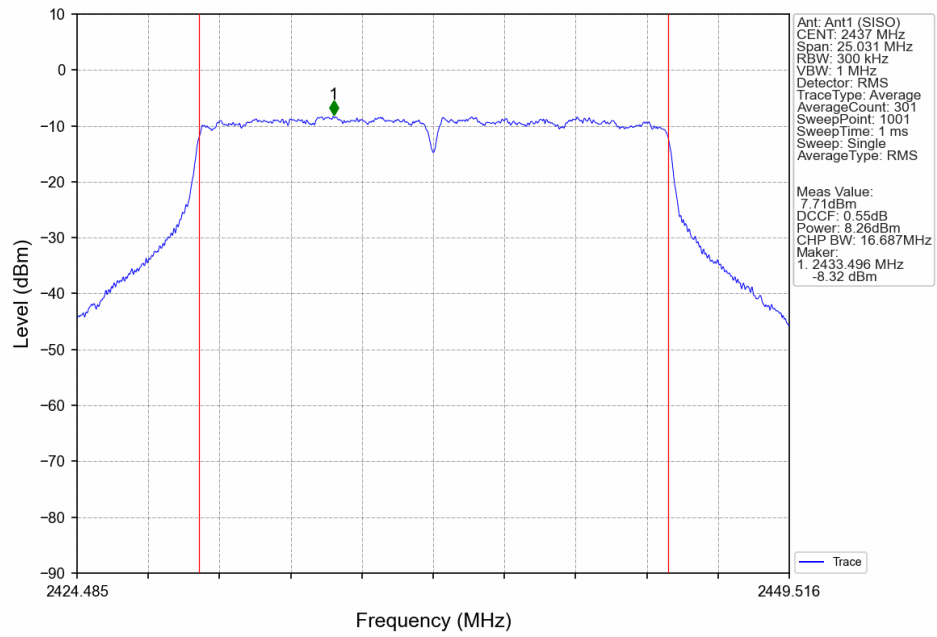
802.11b_HCH_2462MHz_Ant1 (SISO)_NTNV



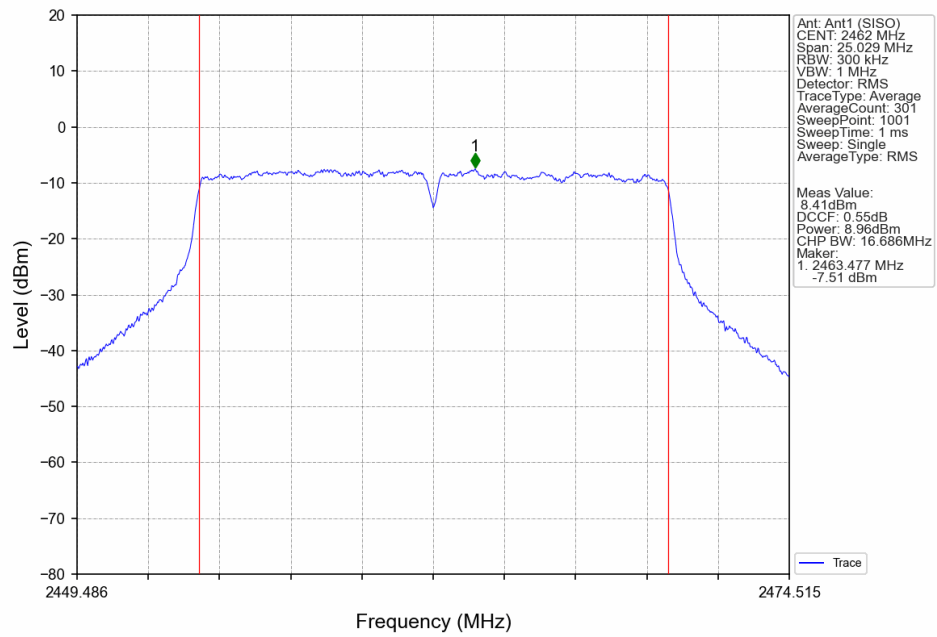
802.11g_LCH_2412MHz_Ant1 (SISO)_NTNV



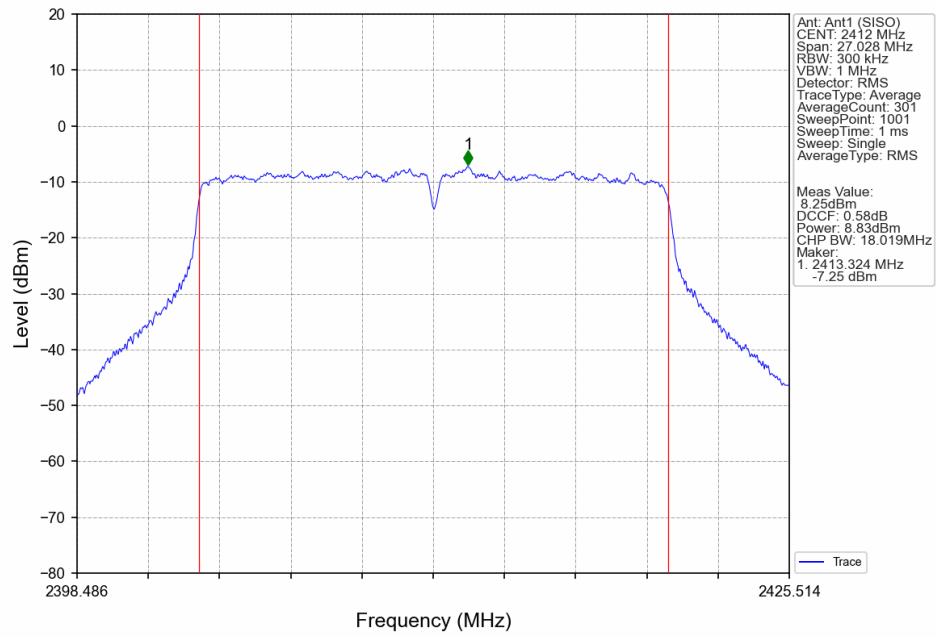
802.11g_MCH_2437MHz_Ant1 (SISO)_NTNV



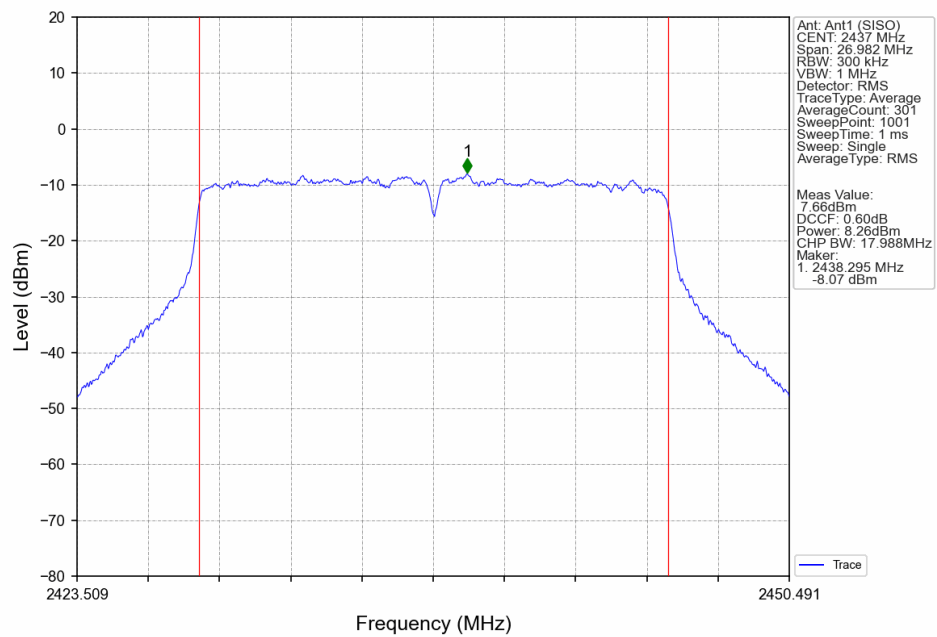
802.11g_HCH_2462MHz_Ant1 (SISO)_NTNV



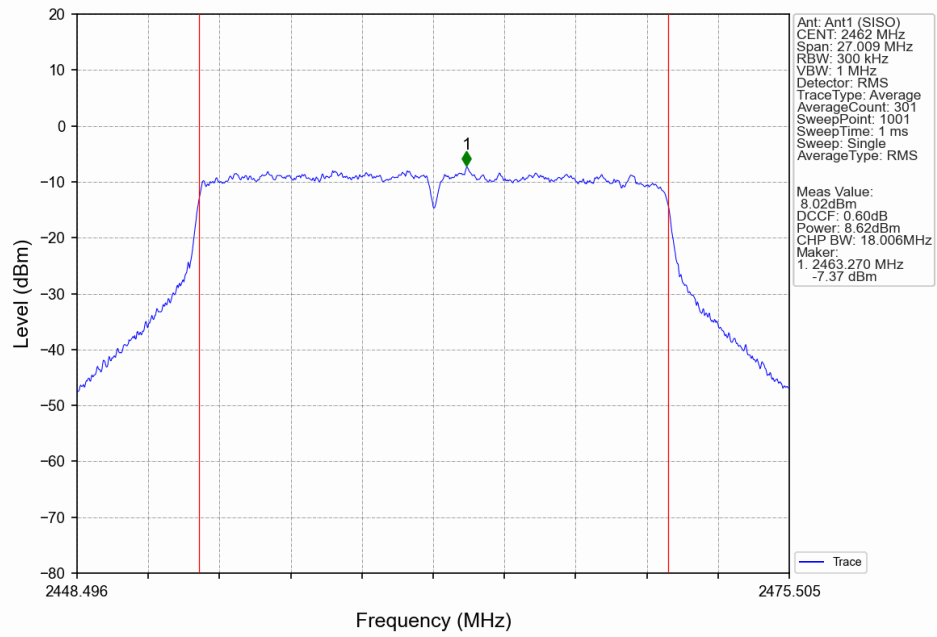
802.11n(HT20)_LCH_2412MHz_Ant1 (SISO)_NTNV



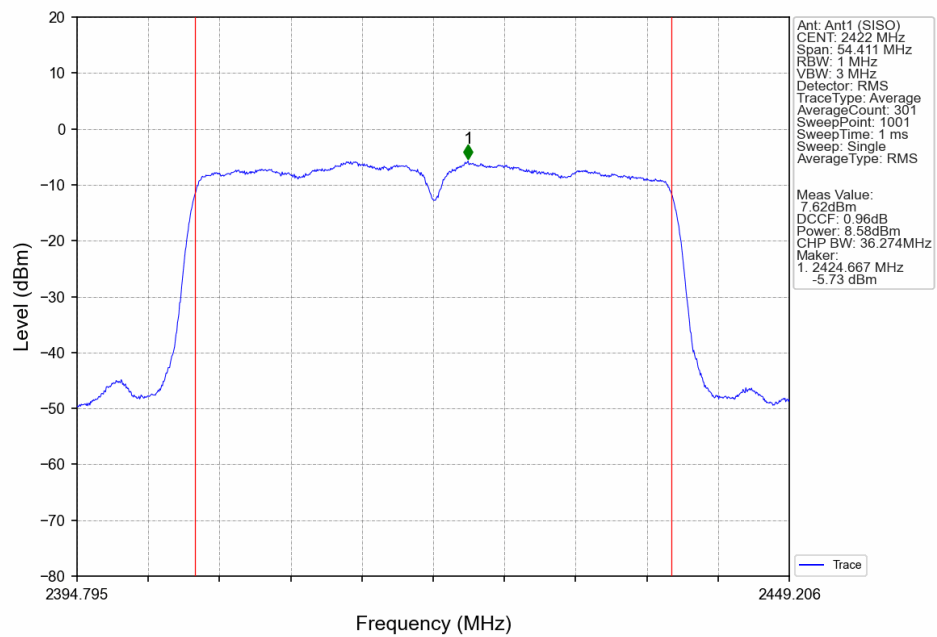
802.11n(HT20)_MCH_2437MHz_Ant1 (SISO)_NTNV



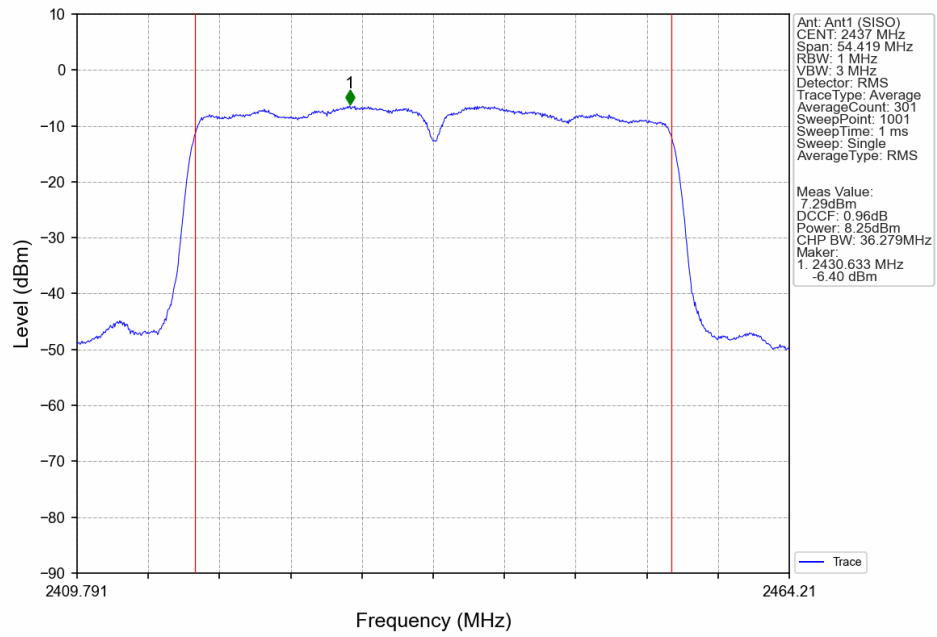
802.11n(HT20)_HCH_2462MHz_Ant1 (SISO)_NTNV



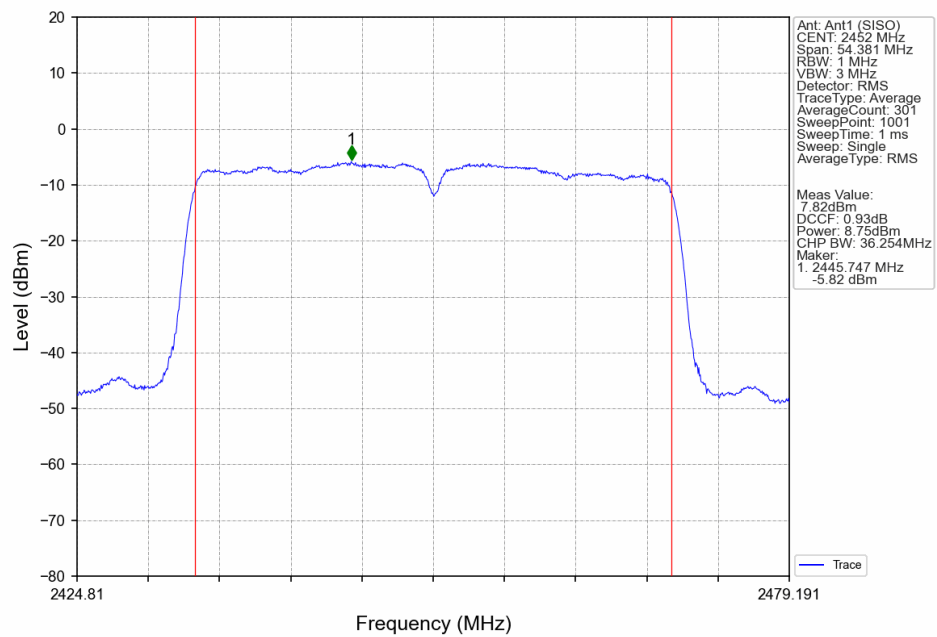
802.11n(HT40)_LCH_2422MHz_Ant1 (SISO)_NTNV



802.11n(HT40)_MCH_2437MHz_Ant1 (SISO)_NTNV



802.11n(HT40)_HCH_2452MHz_Ant1 (SISO)_NTNV



4. Maximum Power Spectral Density

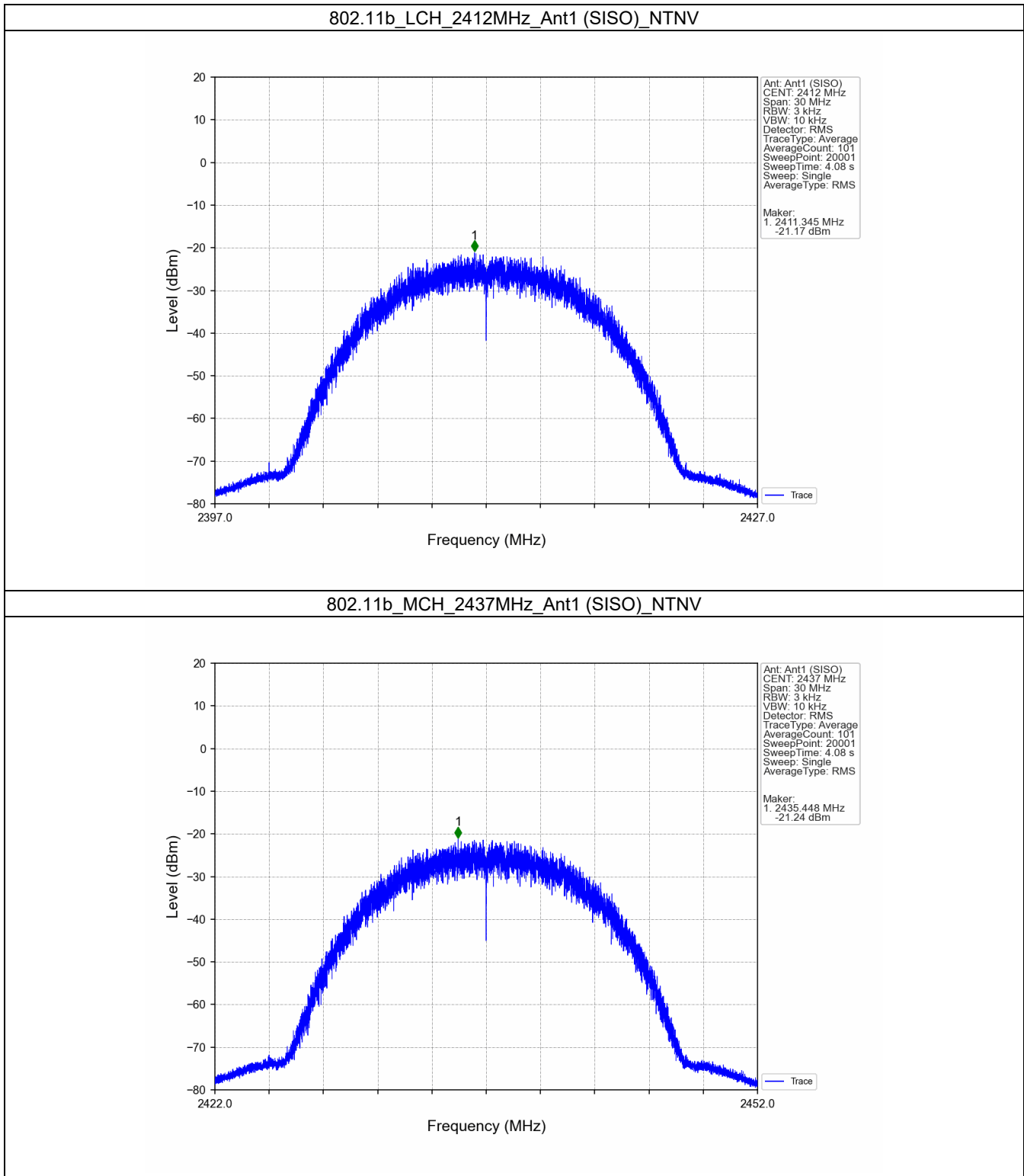
4.1 Test Result

4.1.1 PSD

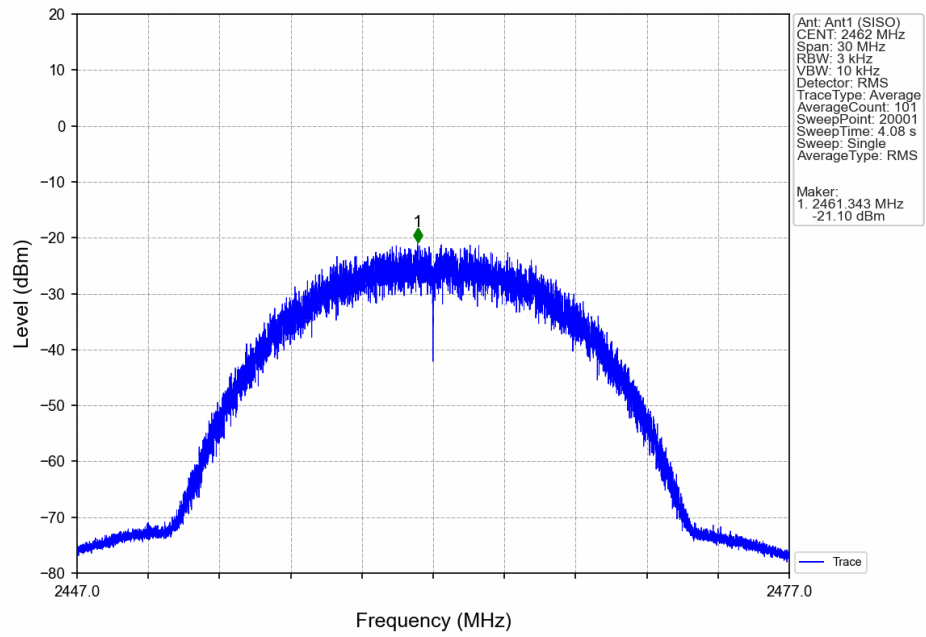
Mode	TX Type	Frequency (MHz)	Maximum PSD				Verdict
			Reading (dBm/3kHz)	Duty Cycle Factor (dB)	Final Result (dBm/3kHz)	Limit (dBm/3kHz)	
802.11b	SISO	2412	-21.17	0.05	-21.12	<=8	Pass
		2437	-21.24	0.05	-21.19	<=8	Pass
		2462	-21.10	0.05	-21.05	<=8	Pass
802.11g	SISO	2412	-19.66	0.53	-19.13	<=8	Pass
		2437	-19.46	0.55	-18.91	<=8	Pass
		2462	-17.97	0.55	-17.42	<=8	Pass
802.11n (HT20)	SISO	2412	-17.17	0.58	-16.59	<=8	Pass
		2437	-18.18	0.60	-17.58	<=8	Pass
		2462	-16.53	0.60	-15.93	<=8	Pass
802.11n (HT40)	SISO	2422	-18.70	0.96	-17.74	<=8	Pass
		2437	-18.68	0.96	-17.72	<=8	Pass
		2452	-18.23	0.93	-17.30	<=8	Pass

4.2 Test Graph

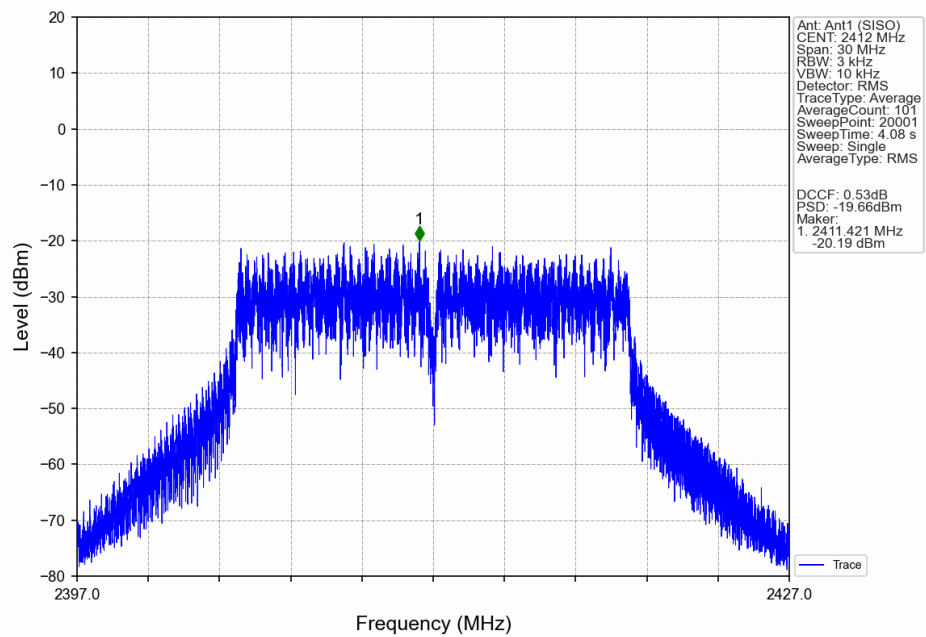
4.2.1 PSD



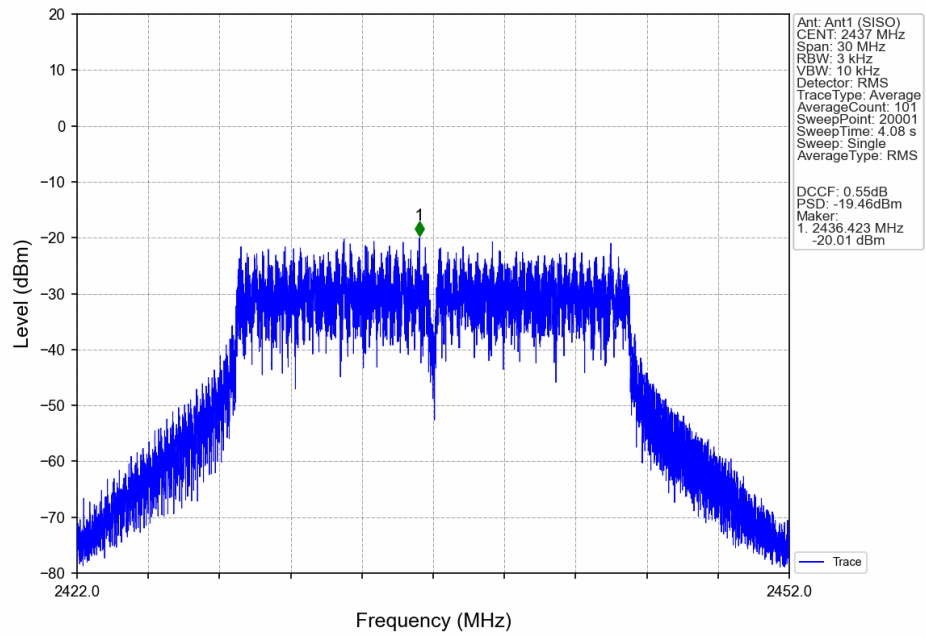
802.11b_HCH_2462MHz_Ant1 (SISO)_NTNV



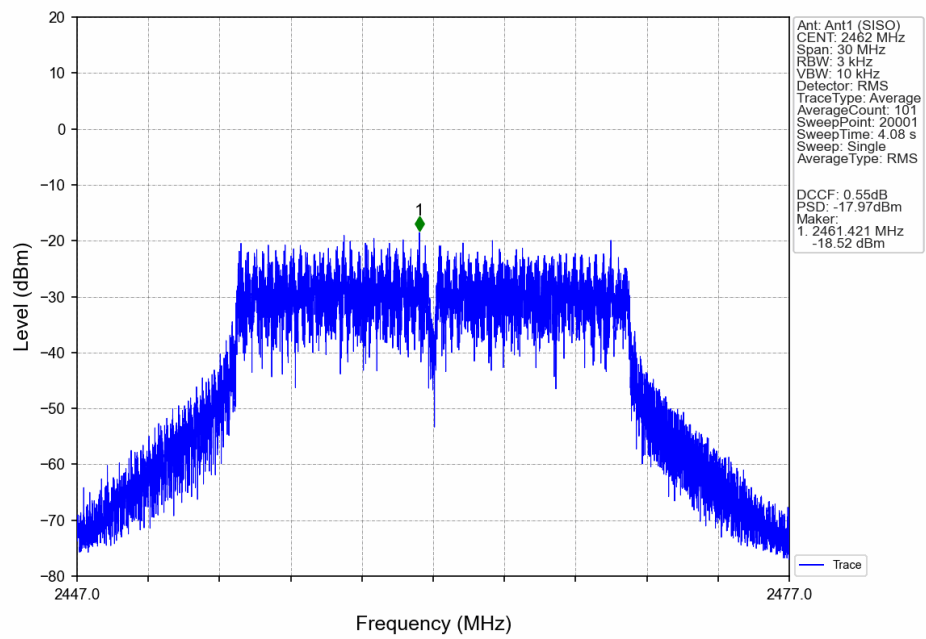
802.11g_LCH_2412MHz_Ant1 (SISO)_NTNV



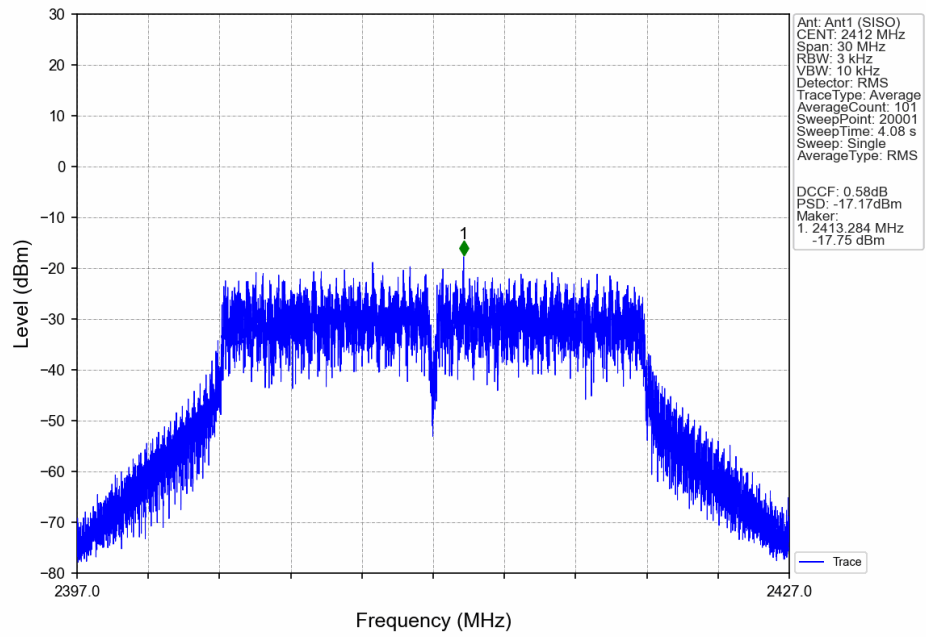
802.11g_MCH_2437MHz_Ant1 (SISO)_NTNV



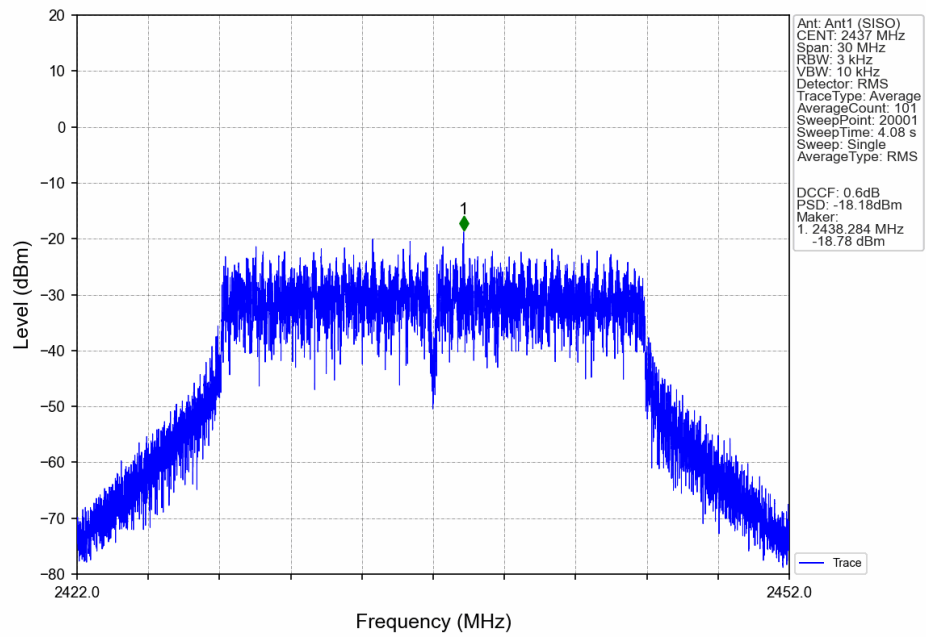
802.11g_HCH_2462MHz_Ant1 (SISO)_NTNV



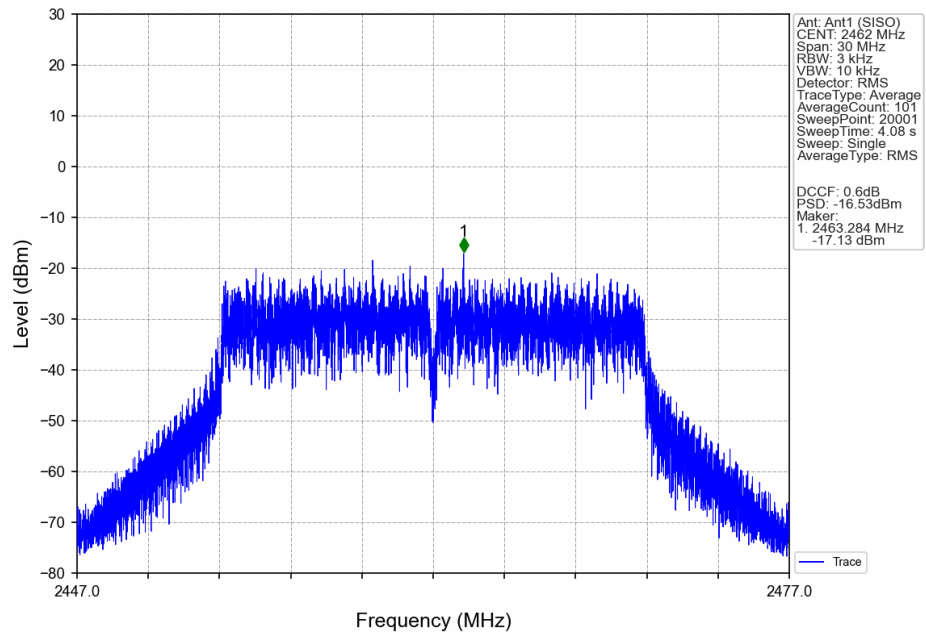
802.11n(HT20)_LCH_2412MHz_Ant1 (SISO)_NTNV



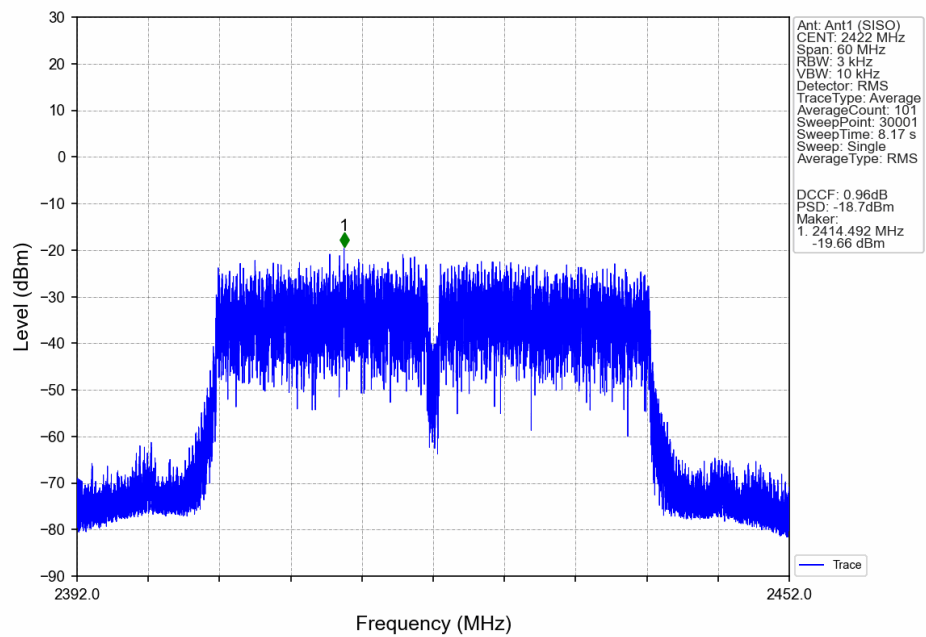
802.11n(HT20)_MCH_2437MHz_Ant1 (SISO)_NTNV



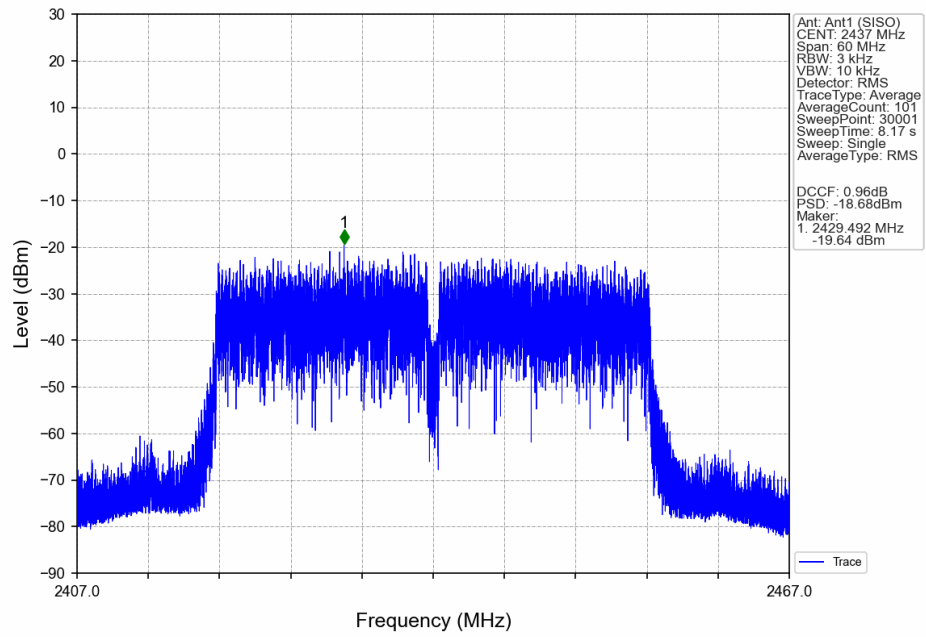
802.11n(HT20)_HCH_2462MHz_Ant1 (SISO)_NTNV



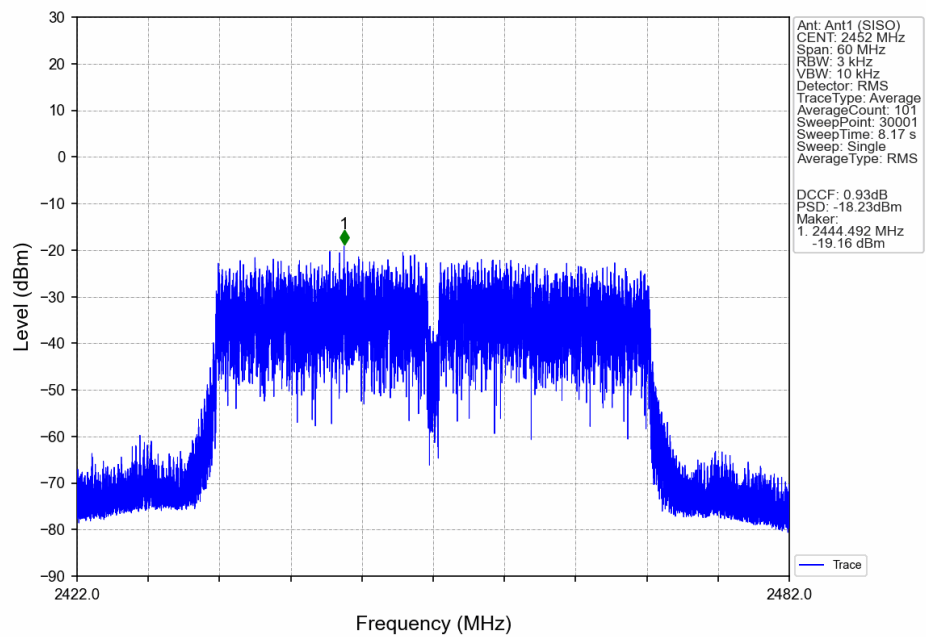
802.11n(HT40)_LCH_2422MHz_Ant1 (SISO)_NTNV



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

5.1.1 Ref

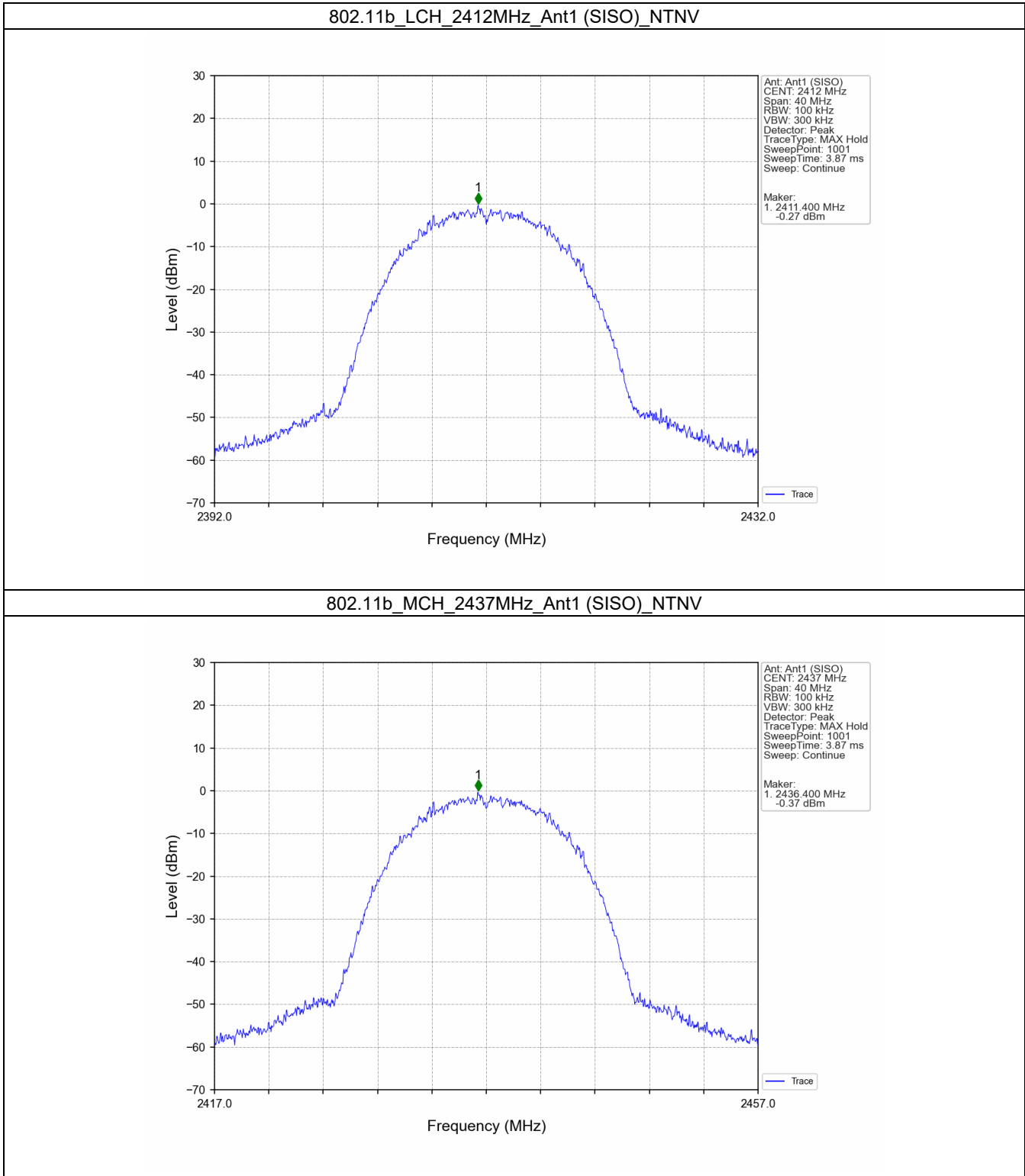
Mode	TX Type	Frequency (MHz)	ANT	Level of Reference (dBm)
802.11b	SISO	2412	1	-0.27
		2437	1	-0.37
		2462	1	-0.04
802.11g	SISO	2412	1	-2.60
		2437	1	-2.56
		2462	1	-1.90
802.11n (HT20)	SISO	2412	1	-1.99
		2437	1	-2.59
		2462	1	-2.21
802.11n (HT40)	SISO	2422	1	-4.89
		2437	1	-5.20
		2452	1	-4.72

5.1.2 CSE

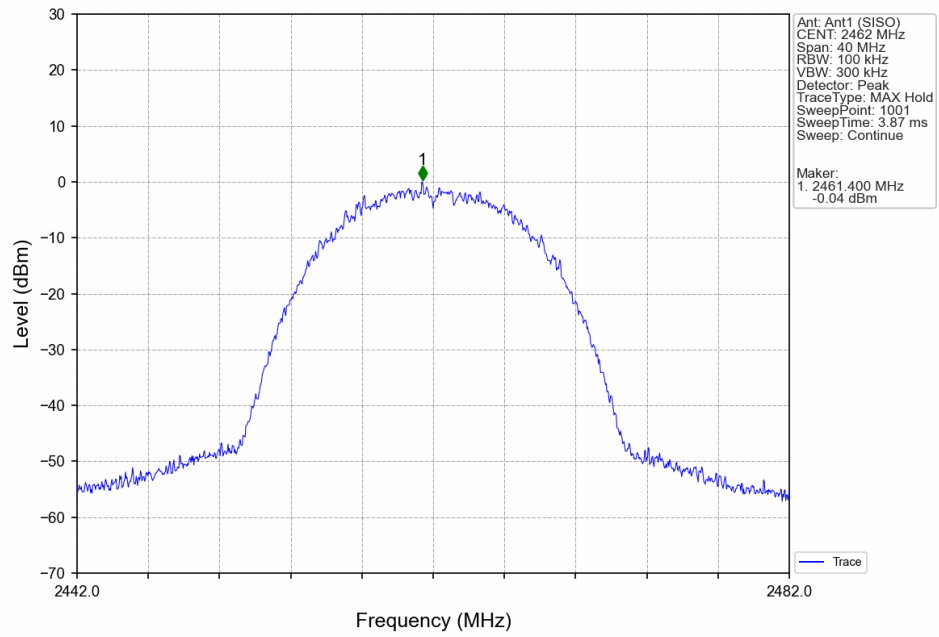
Mode	TX Type	Frequency (MHz)	ANT	Level of Reference (dBm)	Limit (dBm)	Verdict
802.11b	SISO	2412	1	-0.27	-30.27	Pass
		2437	1	-0.37	-30.37	Pass
		2462	1	-0.04	-30.04	Pass
802.11g	SISO	2412	1	-2.60	-32.60	Pass
		2437	1	-2.56	-32.56	Pass
		2462	1	-1.90	-31.90	Pass
802.11n (HT20)	SISO	2412	1	-1.99	-31.99	Pass
		2437	1	-2.59	-32.59	Pass
		2462	1	-2.21	-32.21	Pass
802.11n (HT40)	SISO	2422	1	-4.89	-34.89	Pass
		2437	1	-5.20	-35.20	Pass
		2452	1	-4.72	-34.72	Pass

5.2 Test Graph

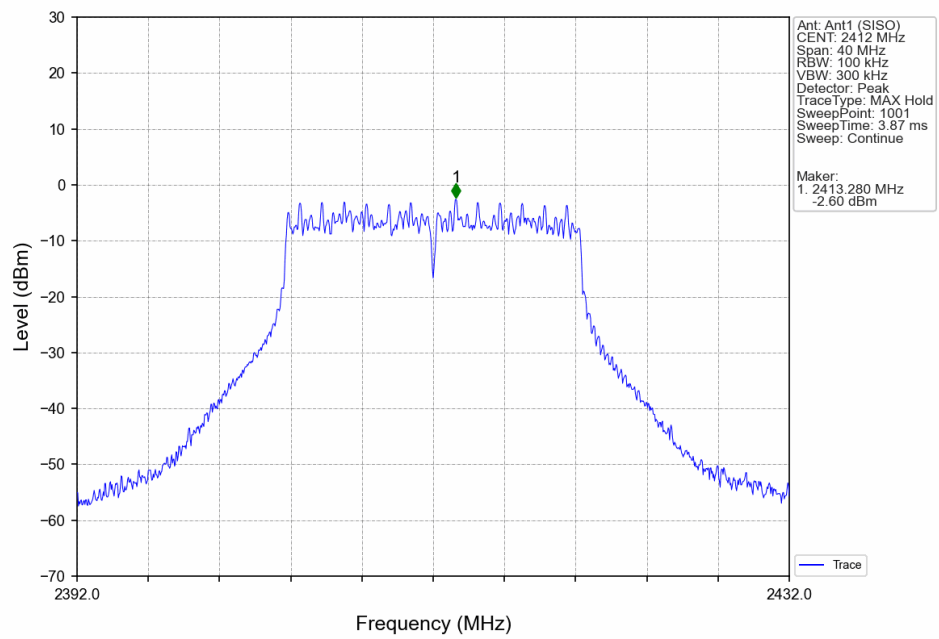
5.2.1 Ref



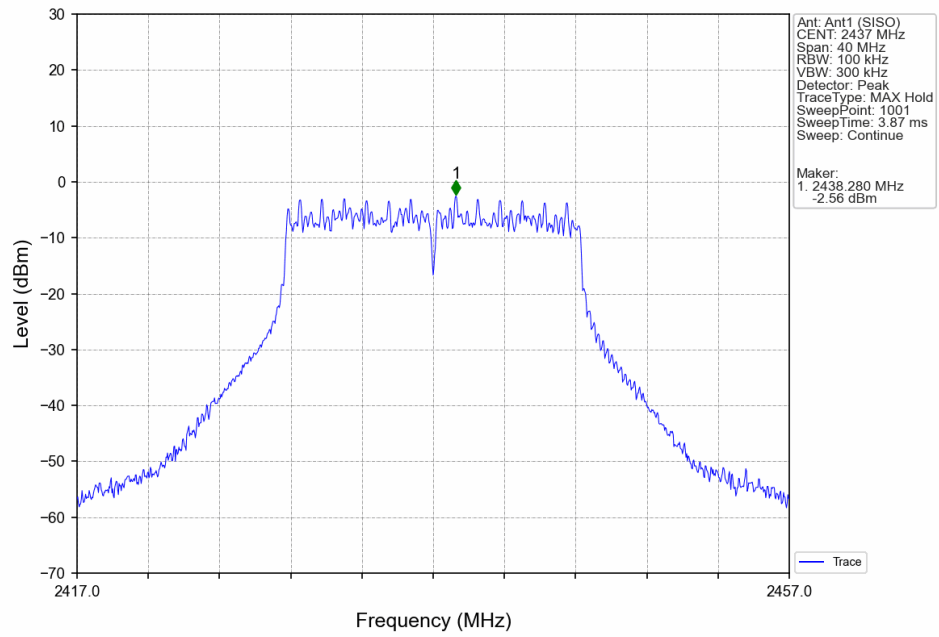
802.11b_HCH_2462MHz_Ant1 (SISO)_NTNV



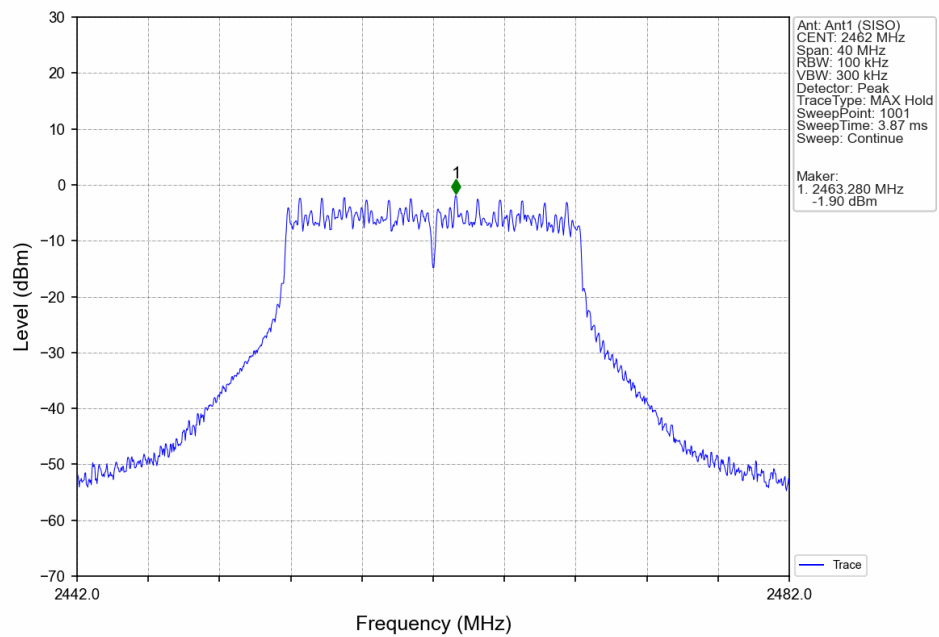
802.11g_LCH_2412MHz_Ant1 (SISO)_NTNV



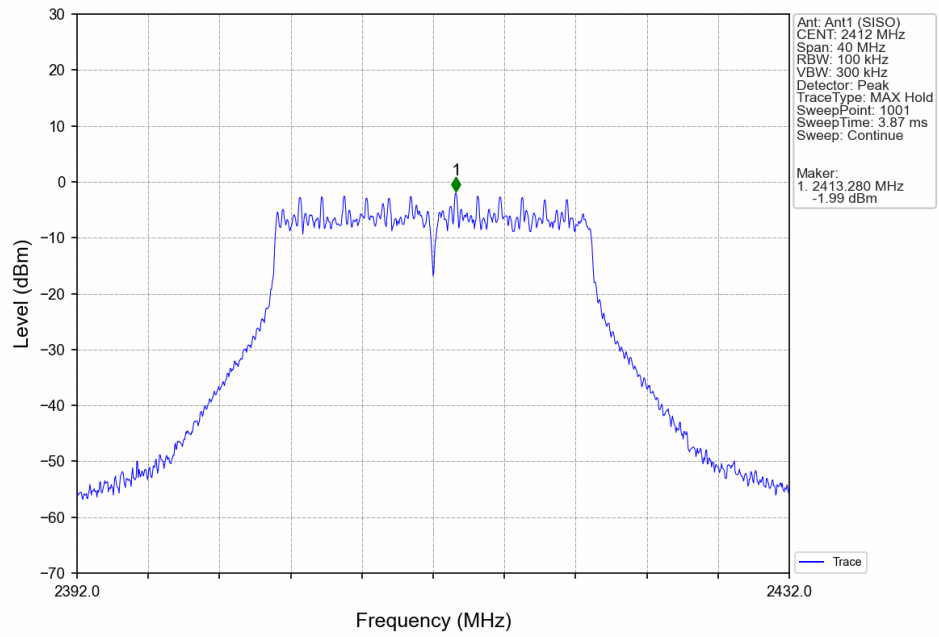
802.11g_MCH_2437MHz_Ant1 (SISO)_NTNV



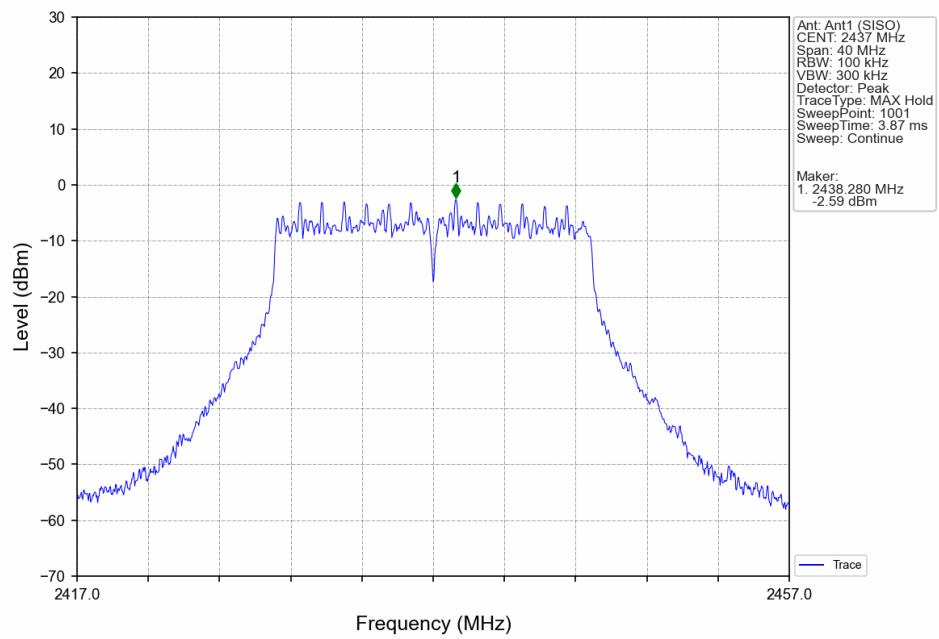
802.11g_HCH_2462MHz_Ant1 (SISO)_NTNV



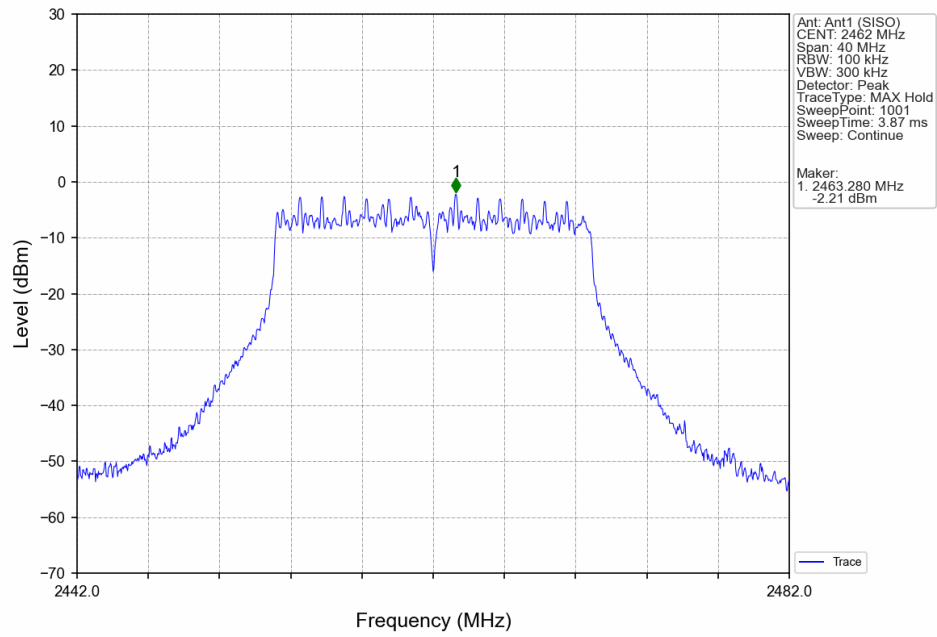
802.11n(HT20)_LCH_2412MHz_Ant1 (SISO)_NTNV



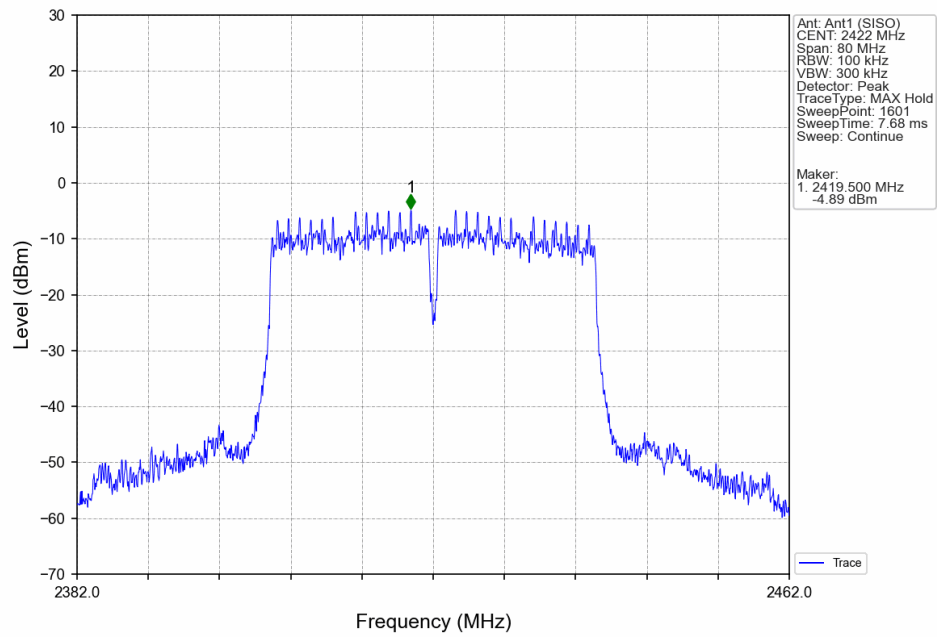
802.11n(HT20)_MCH_2437MHz_Ant1 (SISO)_NTNV



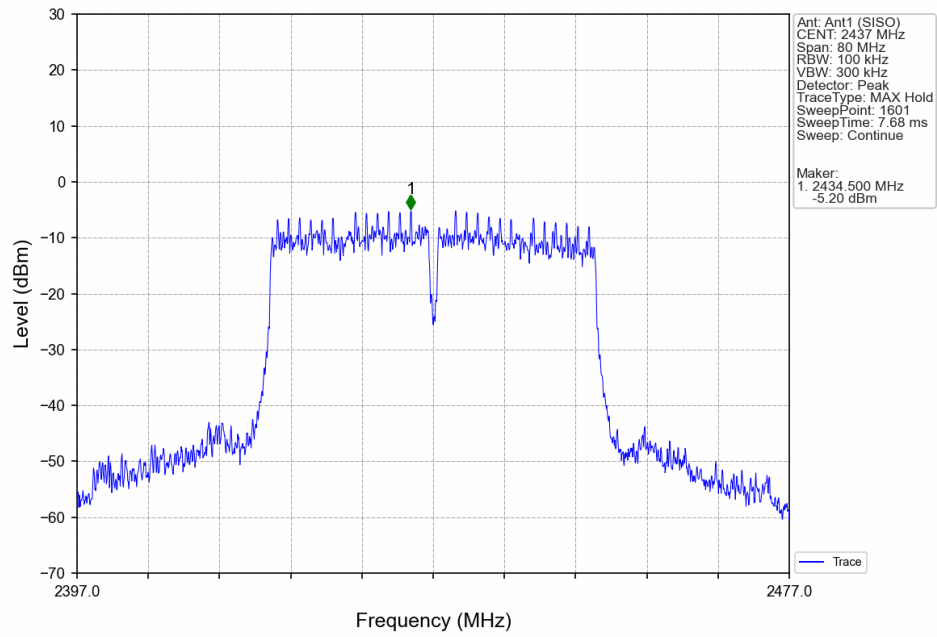
802.11n(HT20)_HCH_2462MHz_Ant1 (SISO)_NTNV



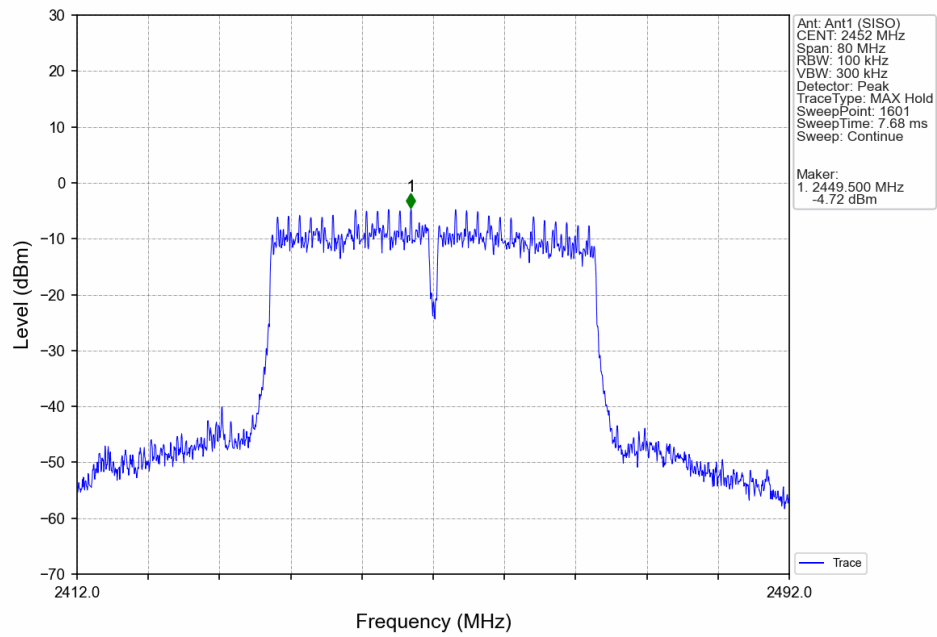
802.11n(HT40)_LCH_2422MHz_Ant1 (SISO)_NTNV



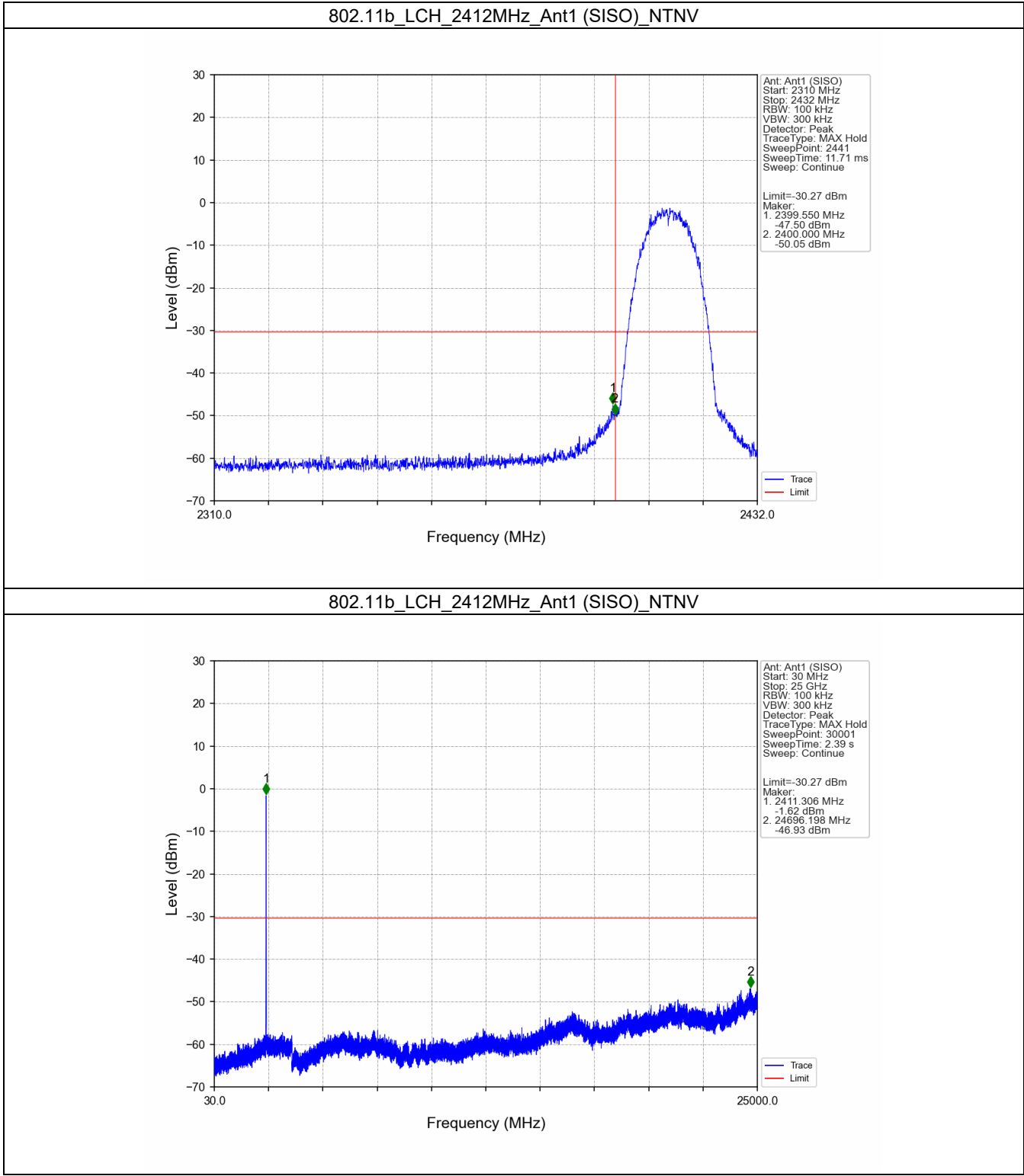
802.11n(HT40)_MCH_2437MHz_Ant1 (SISO)_NTNV



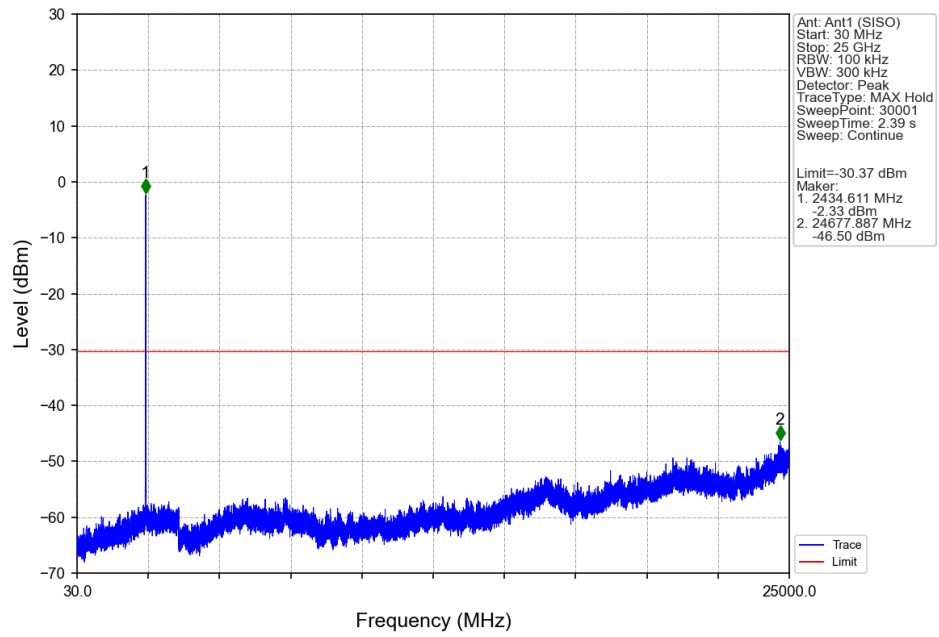
802.11n(HT40)_HCH_2452MHz_Ant1 (SISO)_NTNV



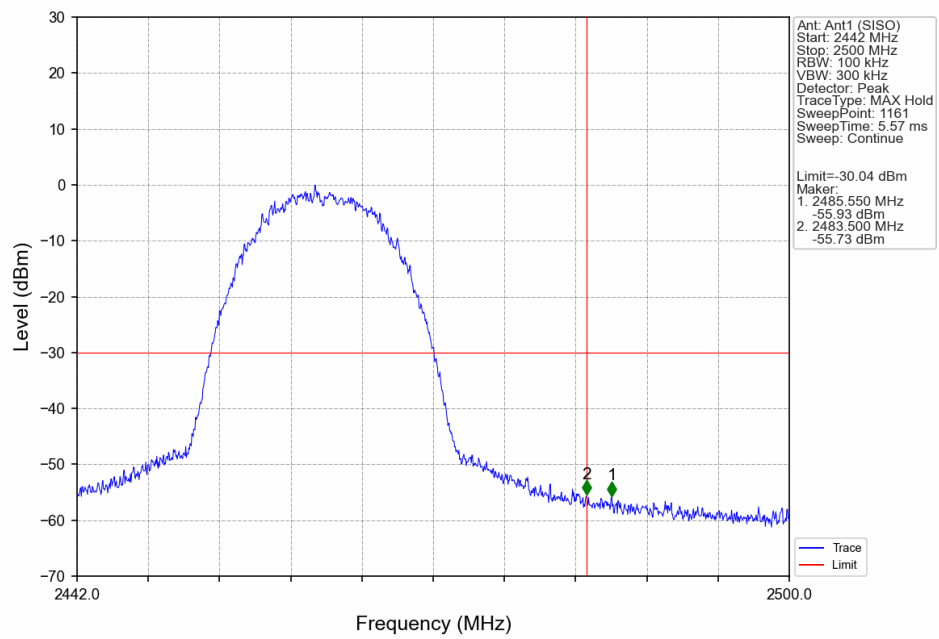
5.2.2 CSE



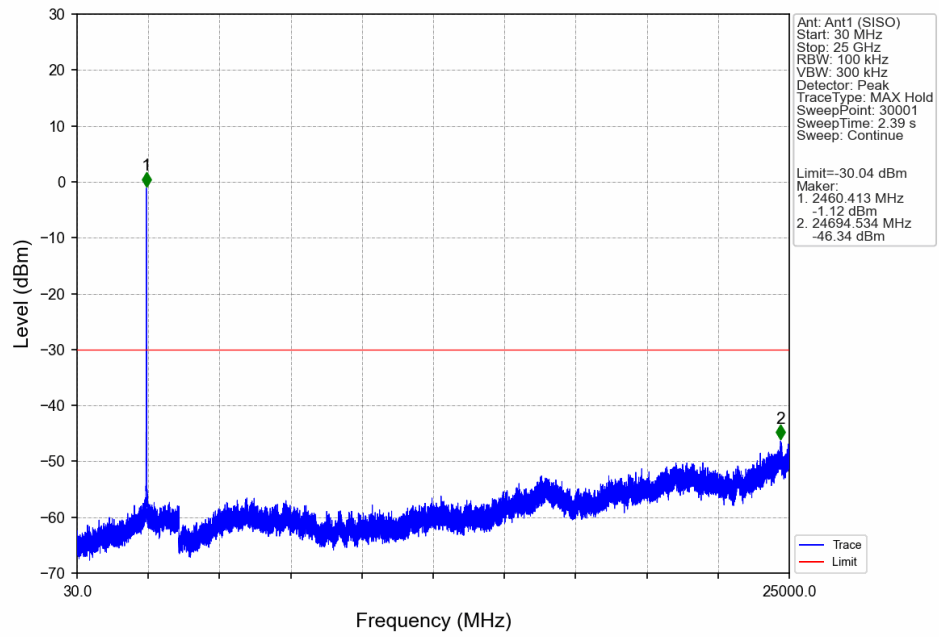
802.11b_MCH_2437MHz_Ant1 (SISO)_NTNV



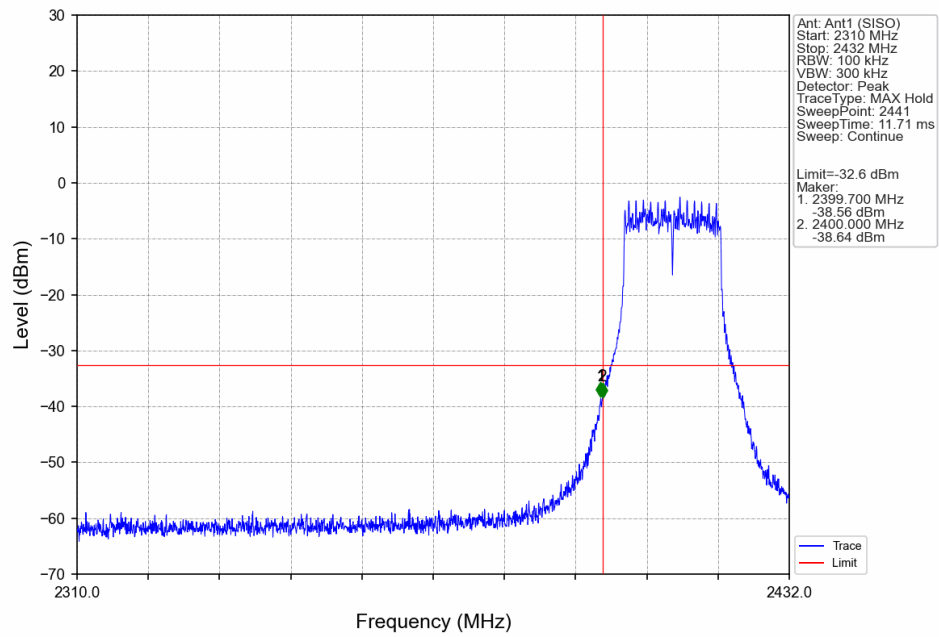
802.11b_HCH_2462MHz_Ant1 (SISO)_NTNV



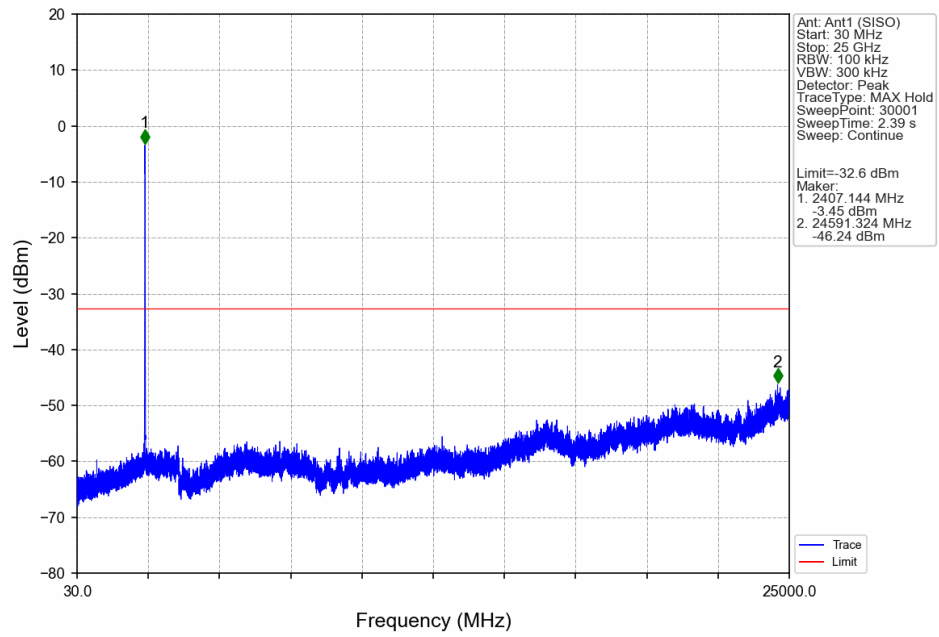
802.11b_HCH_2462MHz_Ant1 (SISO)_NTNV



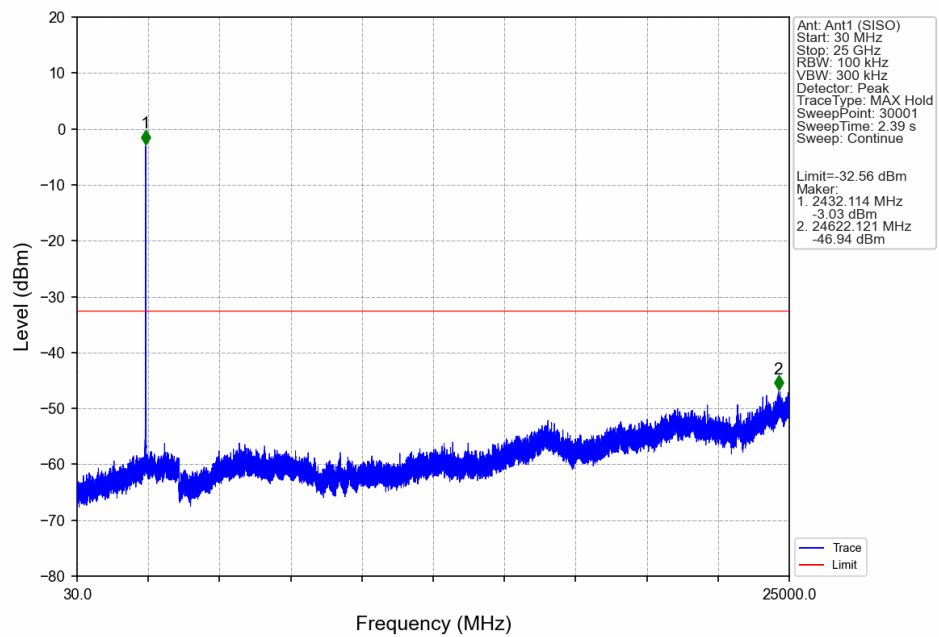
802.11g_LCH_2412MHz_Ant1 (SISO)_NTNV



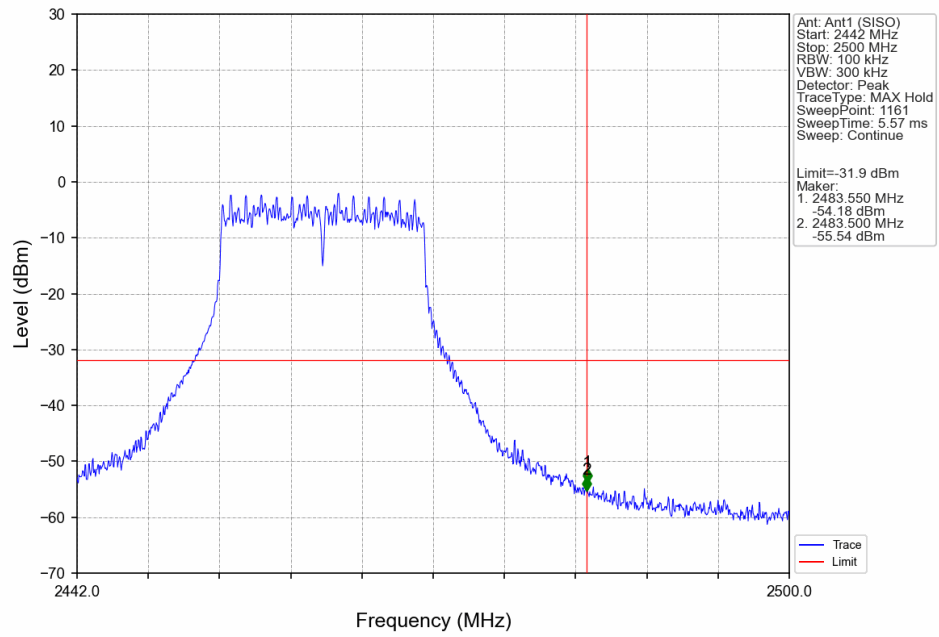
802.11g_LCH_2412MHz_Ant1 (SISO)_NTNV



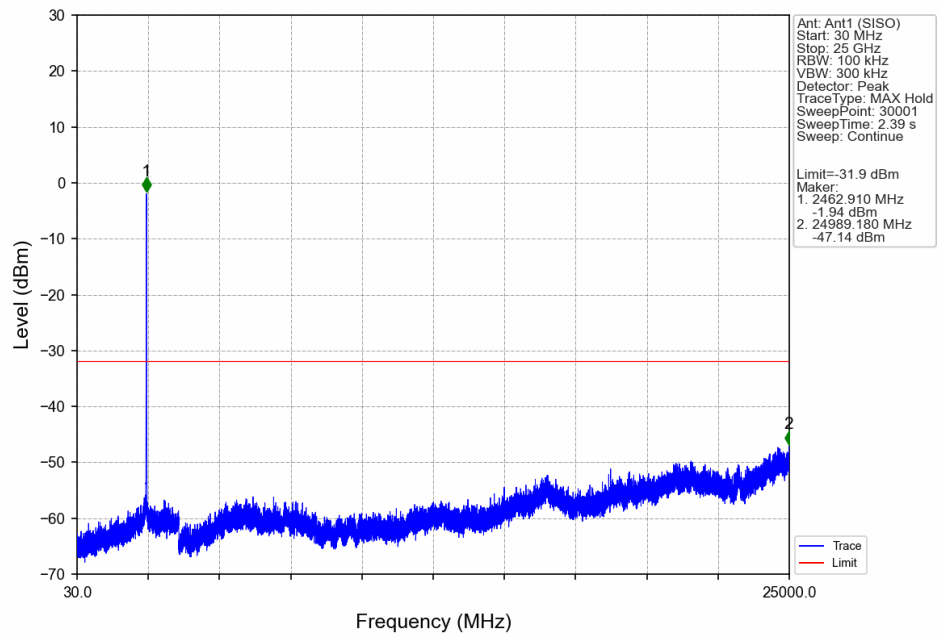
802.11g_MCH_2437MHz_Ant1 (SISO)_NTNV



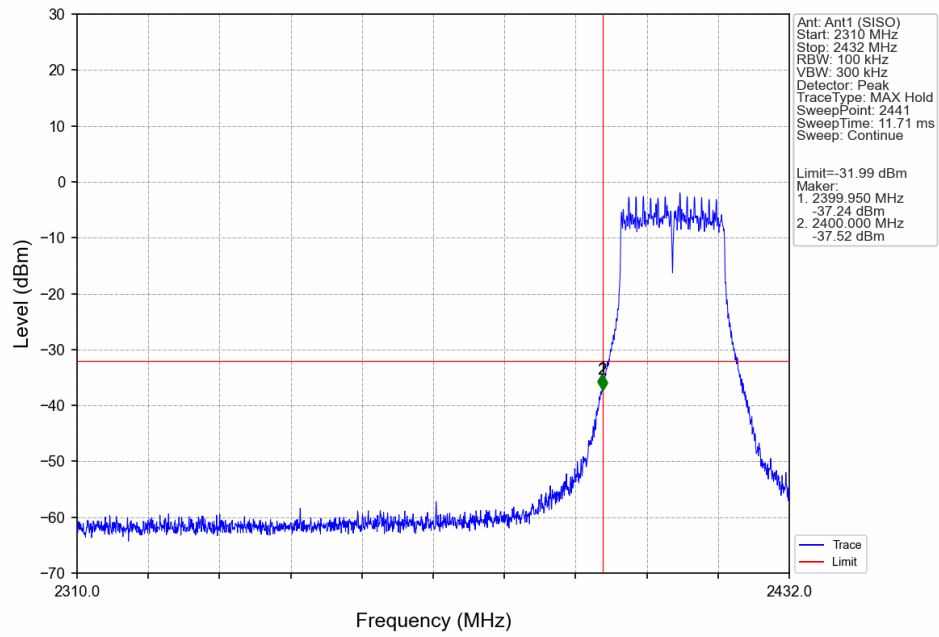
802.11g_HCH_2462MHz_Ant1 (SISO)_NTNV



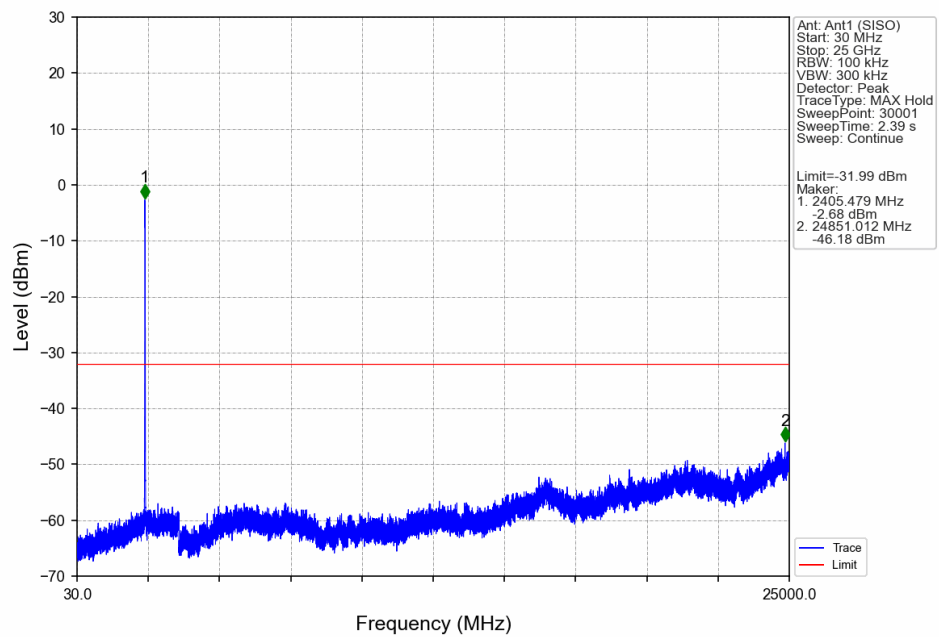
802.11g_HCH_2462MHz_Ant1 (SISO)_NTNV



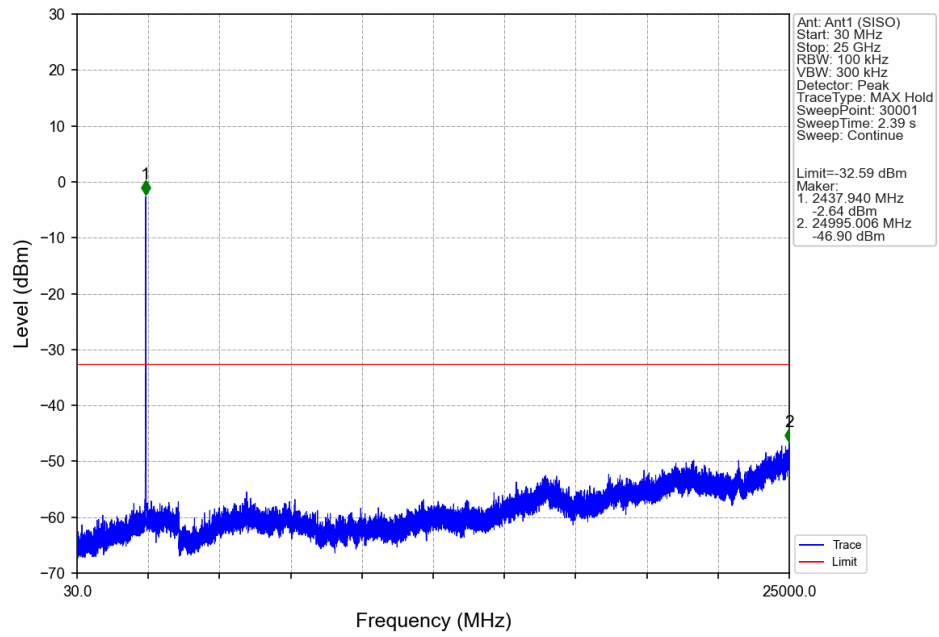
802.11n(HT20)_LCH_2412MHz_Ant1 (SISO)_NTNV



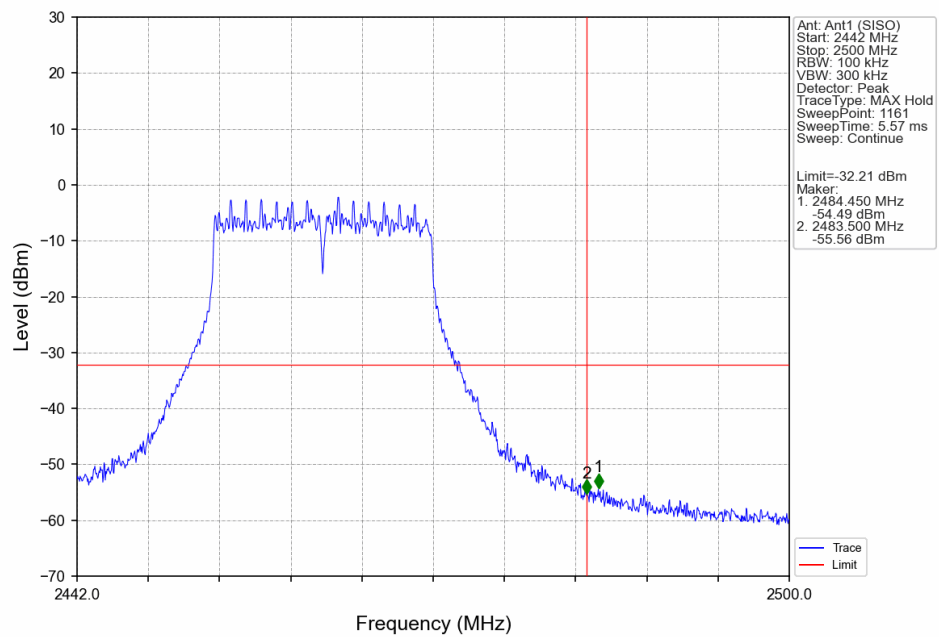
802.11n(HT20)_LCH_2412MHz_Ant1 (SISO)_NTNV



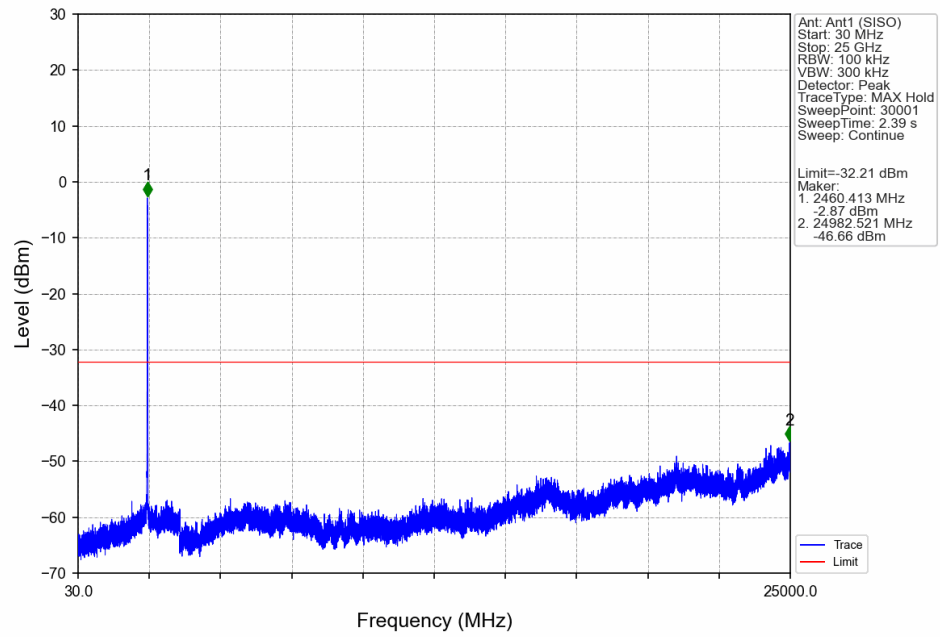
802.11n(HT20)_MCH_2437MHz_Ant1 (SISO)_NTNV



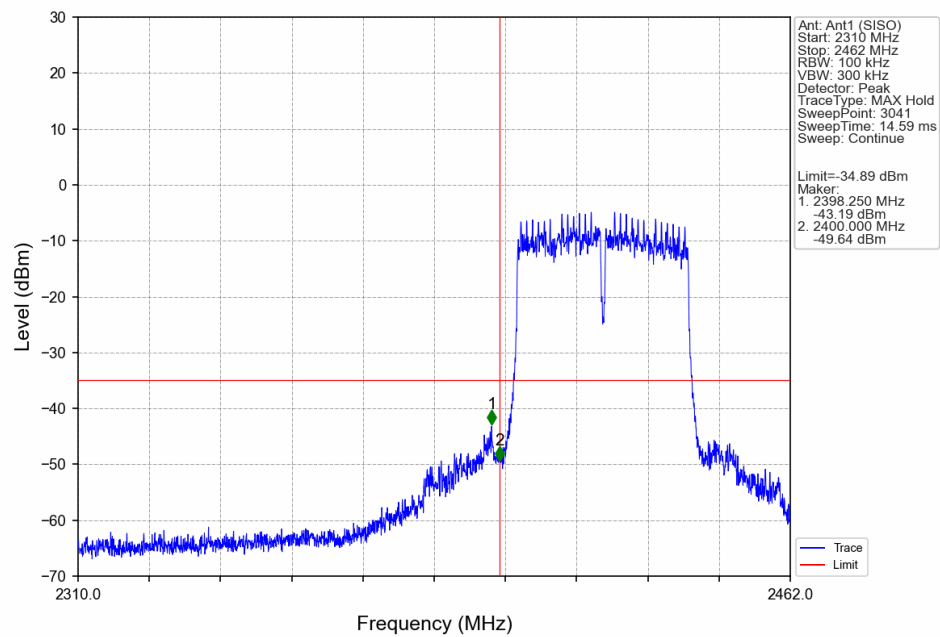
802.11n(HT20)_HCH_2462MHz_Ant1 (SISO)_NTNV



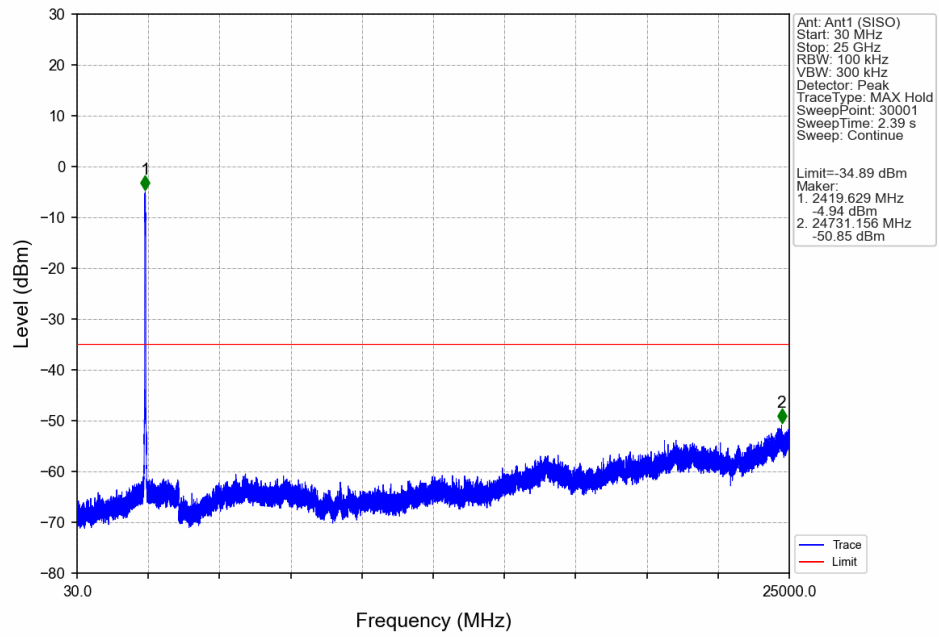
802.11n(HT20)_HCH_2462MHz_Ant1 (SISO)_NTNV



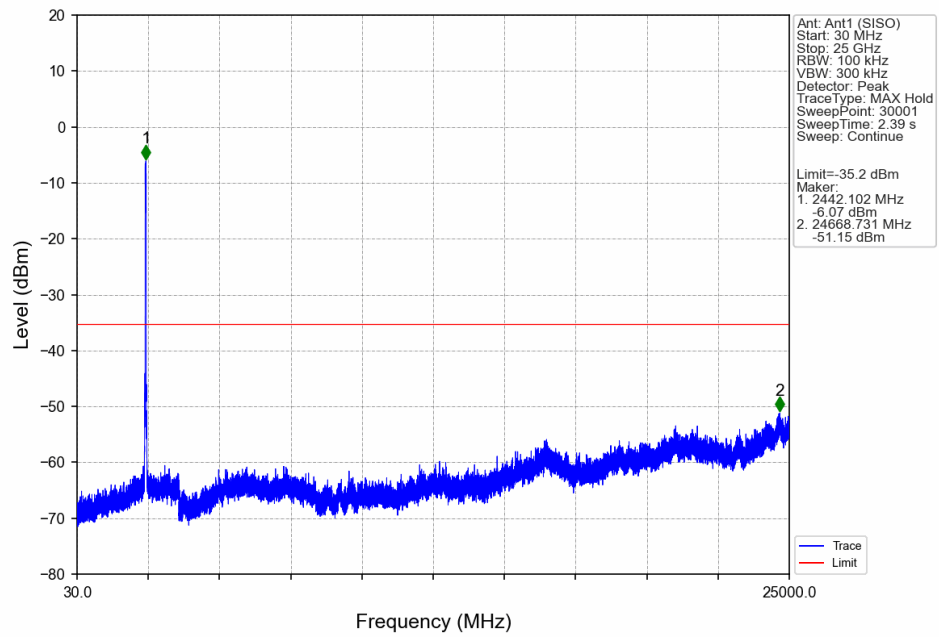
802.11n(HT40)_LCH_2422MHz_Ant1 (SISO)_NTNV



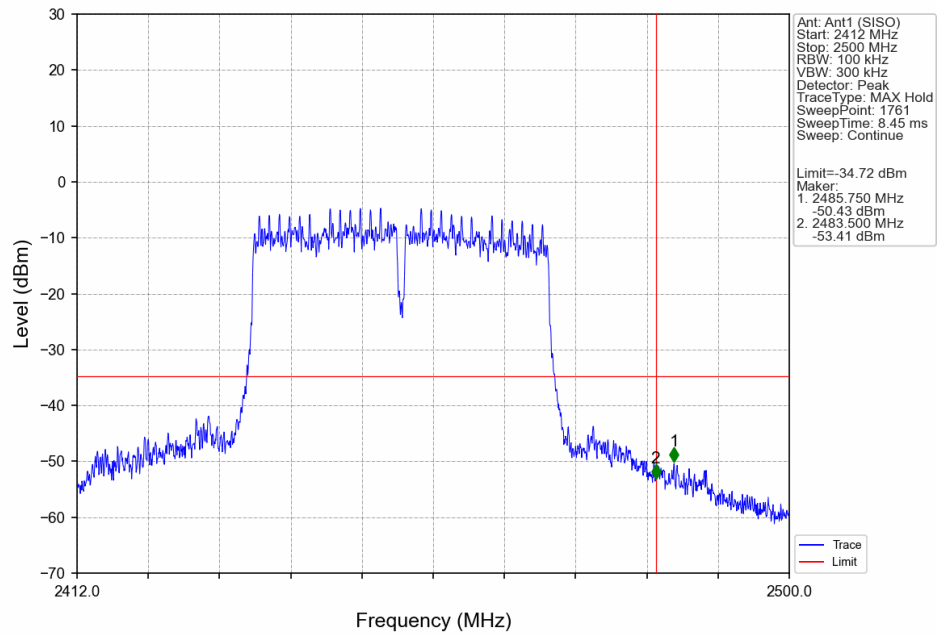
802.11n(HT40)_LCH_2422MHz_Ant1 (SISO)_NTNV



802.11n(HT40)_MCH_2437MHz_Ant1 (SISO)_NTNV



802.11n(HT40)_HCH_2452MHz_Ant1 (SISO)_NTNV



802.11n(HT40)_HCH_2452MHz_Ant1 (SISO)_NTNV

