

Annex Report

FCC ID: 2BH6O-PFF1016

Applicant: Bozz Technology (Shenzhen) Co., Ltd

Address: 201, No.16, Jiayi Industrial Park, Guixiang Community, Guanlan Street, Longhua District, Shenzhen City

Manufacturer: Bozz Technology (Shenzhen) Co., Ltd

Address: 201, No.16, Jiayi Industrial Park, Guixiang Community, Guanlan Street, Longhua District, Shenzhen City

EUT: Digital Photo Frame

Trade Mark: N/A

Model Number: PFF-1016, PFF-816, CPF1011, CPF1012, CPF1013, CPF0801, CPF0802, CPF0803, CPF0701, CPF0702, CPF0703, 10X1

Date of Receipt: Jul. 02, 2025

Test Date: Jul. 02, 2025 - Jul. 12, 2025

Date of Report: Jul. 12, 2025

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 C63.10:2013

Test Result: Pass

1. Duty Cycle

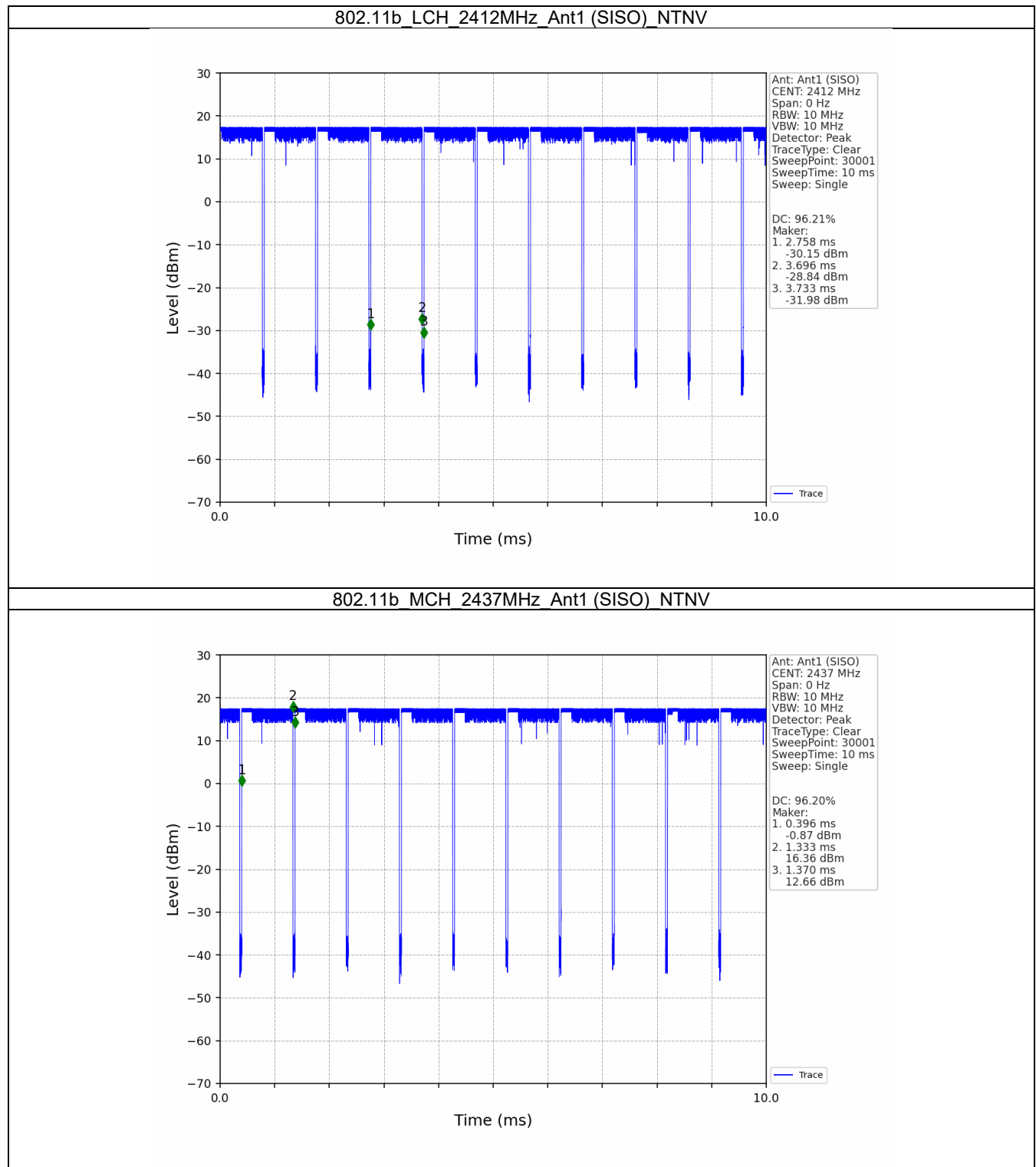
1.1 Test Result

1.1.1 Ant1

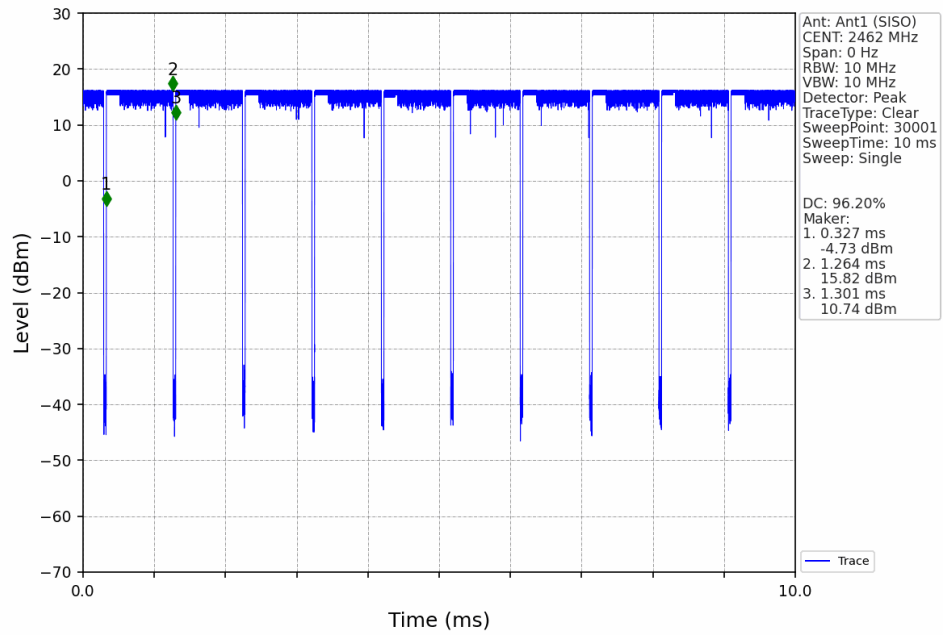
Ant1							
Mode	TX Type	Frequency (MHz)	T_on (ms)	Period (ms)	Duty Cycle (%)	Duty Cycle Correction Factor (dB)	Max. DC Variation (%)
802.11b	SISO	2412	0.938	0.975	96.21	0.17	0.07
		2437	0.937	0.974	96.20	0.17	0.03
		2462	0.937	0.974	96.20	0.17	0.03
802.11g	SISO	2412	0.176	0.221	79.64	0.99	0.04
		2437	0.176	0.220	80.00	0.97	0.04
		2462	0.176	0.220	80.00	0.97	0.12
802.11n (HT20)	SISO	2412	0.164	0.208	78.85	1.03	0.06
		2437	0.164	0.208	78.85	1.03	0.06
		2462	0.164	0.208	78.85	1.03	0.10
802.11n (HT40)	SISO	2422	0.100	0.144	69.44	1.58	0.04
		2437	0.100	0.144	69.44	1.58	0.04
		2452	0.100	0.144	69.44	1.58	0.02

1.2 Test Graph

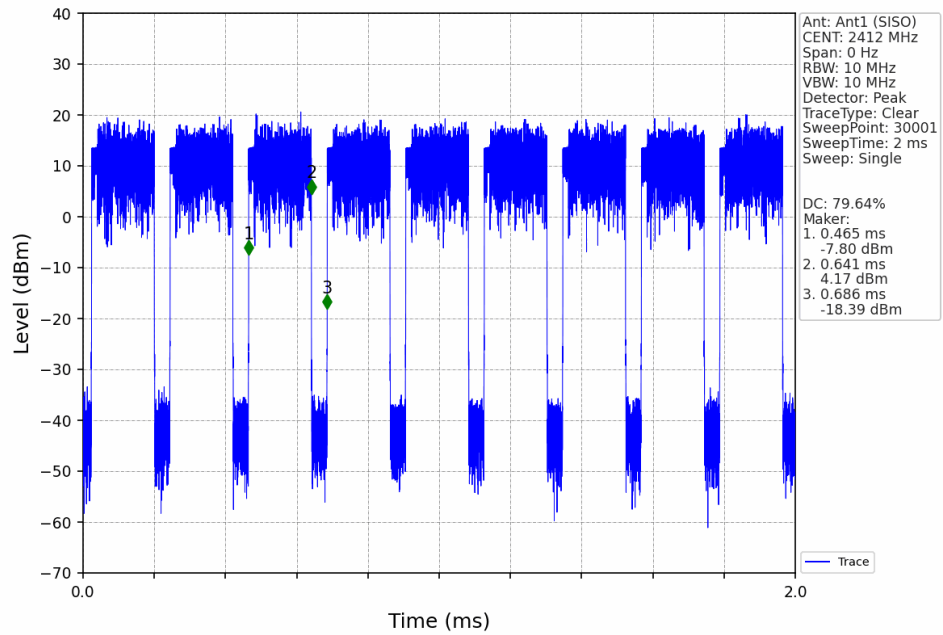
1.2.1 Ant1



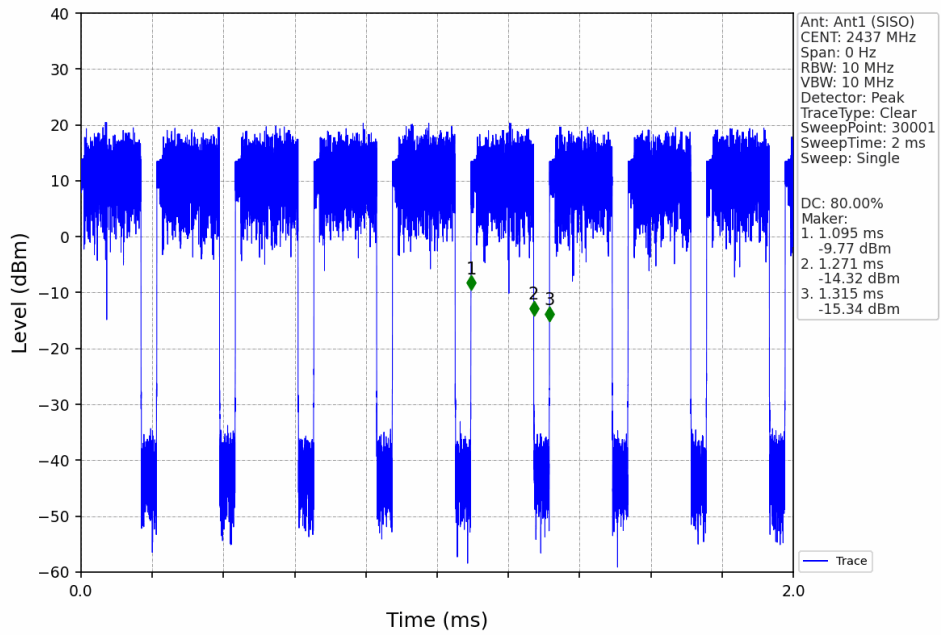
802.11b HCH 2462MHz Ant1 (SISO) NTN



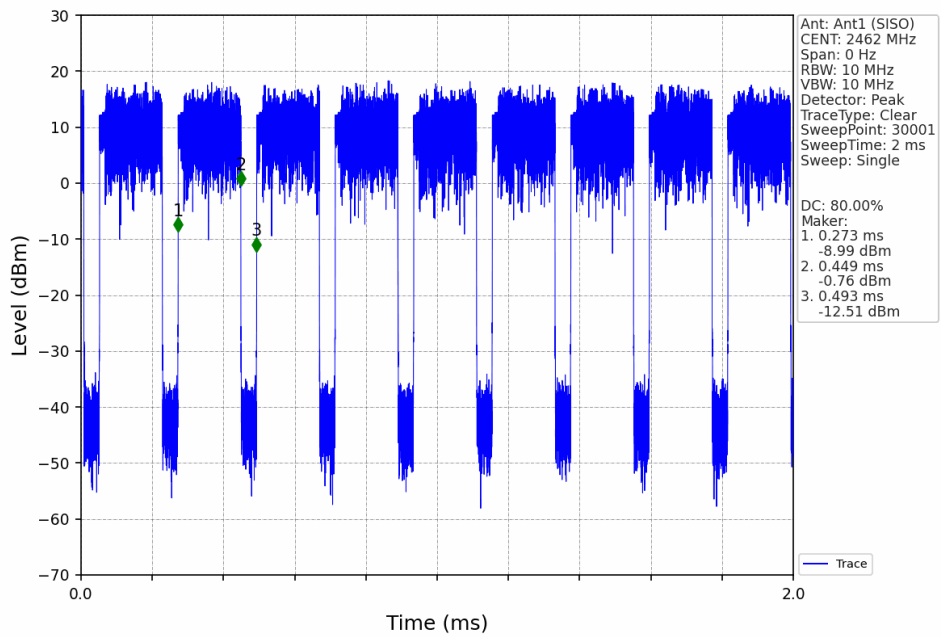
802.11g LCH 2412MHz Ant1 (SISO) NTN



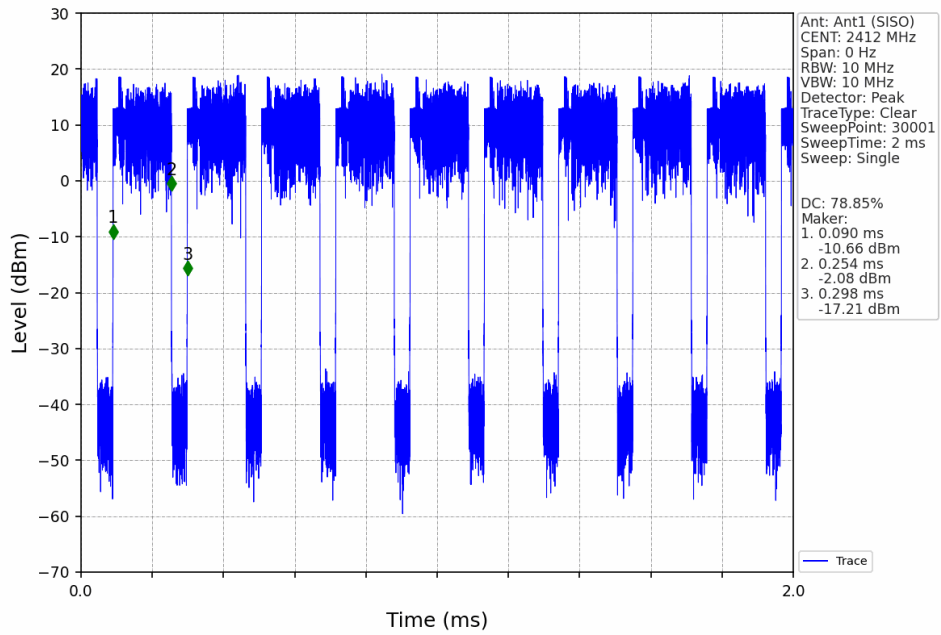
802.11g MCH 2437MHz Ant1 (SISO) NTN



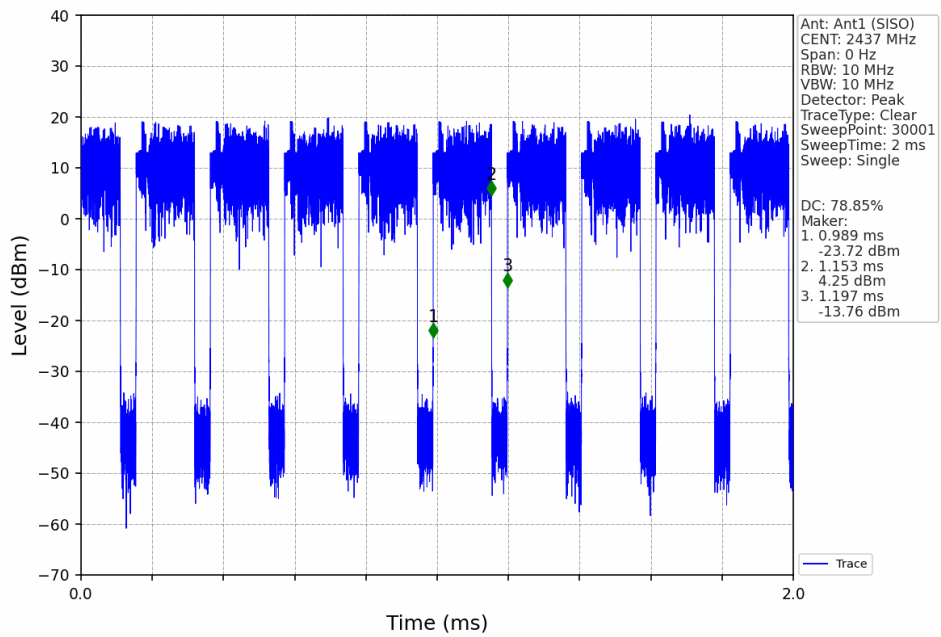
802.11g_HCH_2462MHz_Ant1 (SISO) NTN



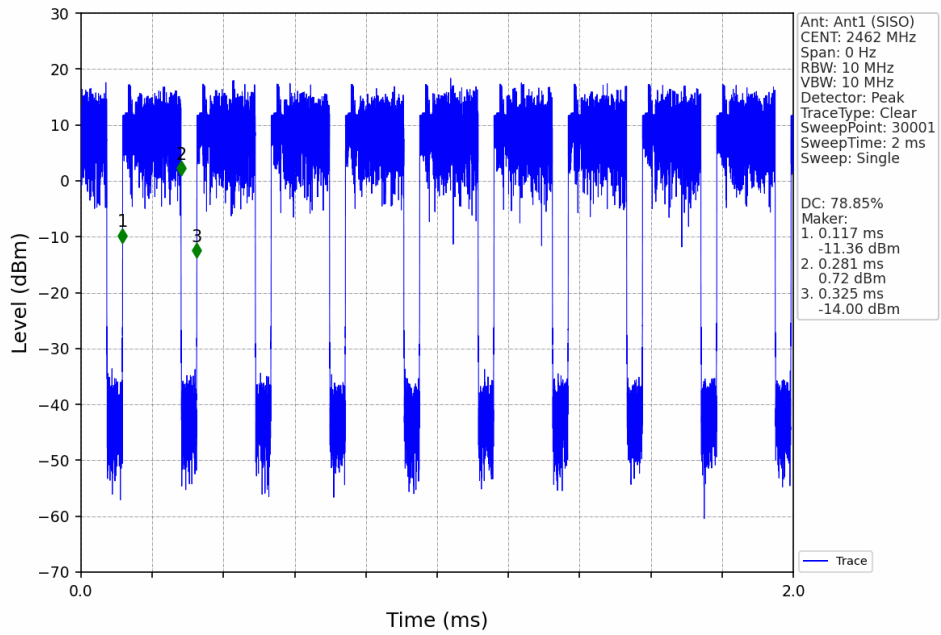
802.11n(HT20) LCH 2412MHz Ant1 (SISO) NTNV



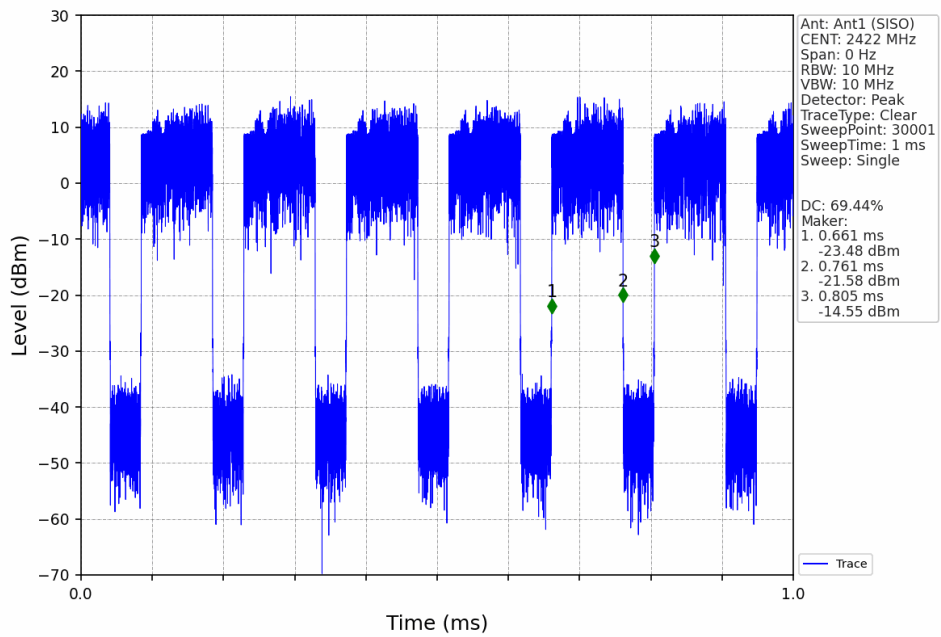
802.11n(HT20) MCH 2437MHz Ant1 (SISO) NTNV



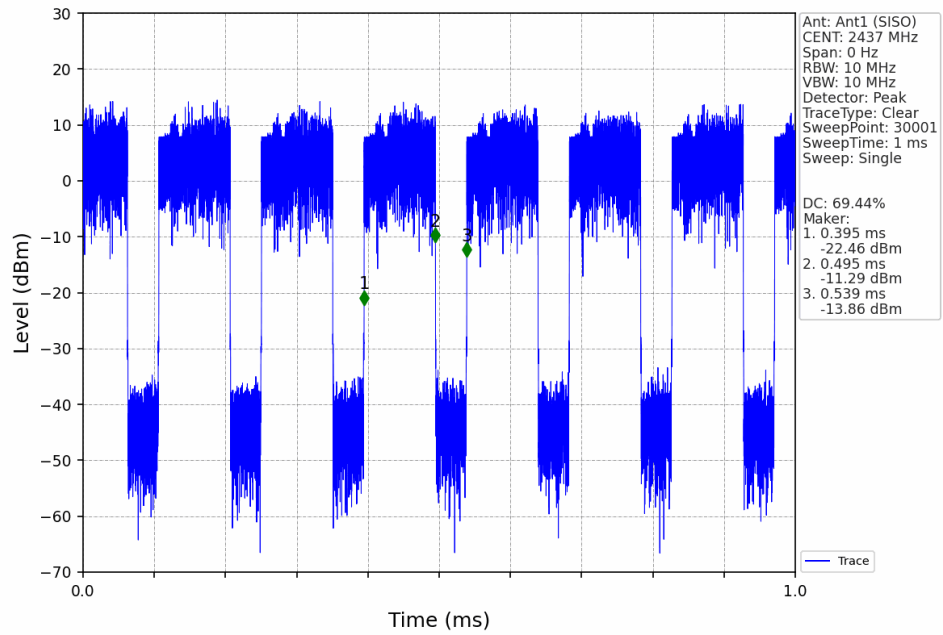
802.11n(HT20) HCH 2462MHz Ant1 (SISO) NTNV



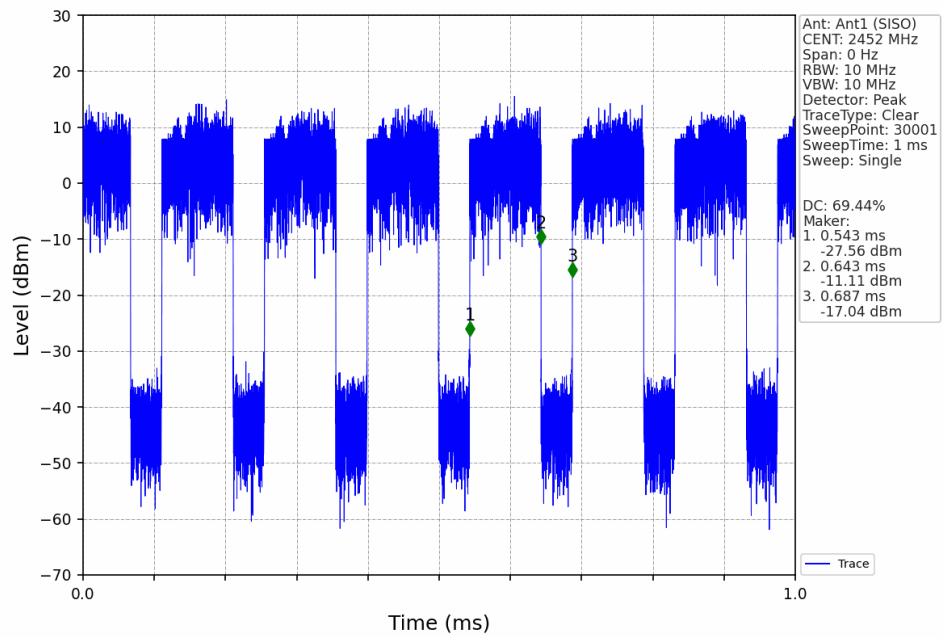
802.11n(HT40) LCH 2422MHz Ant1 (SISO) NTNV



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



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



2. Bandwidth

2.1 Test Result

2.1.1 OBW

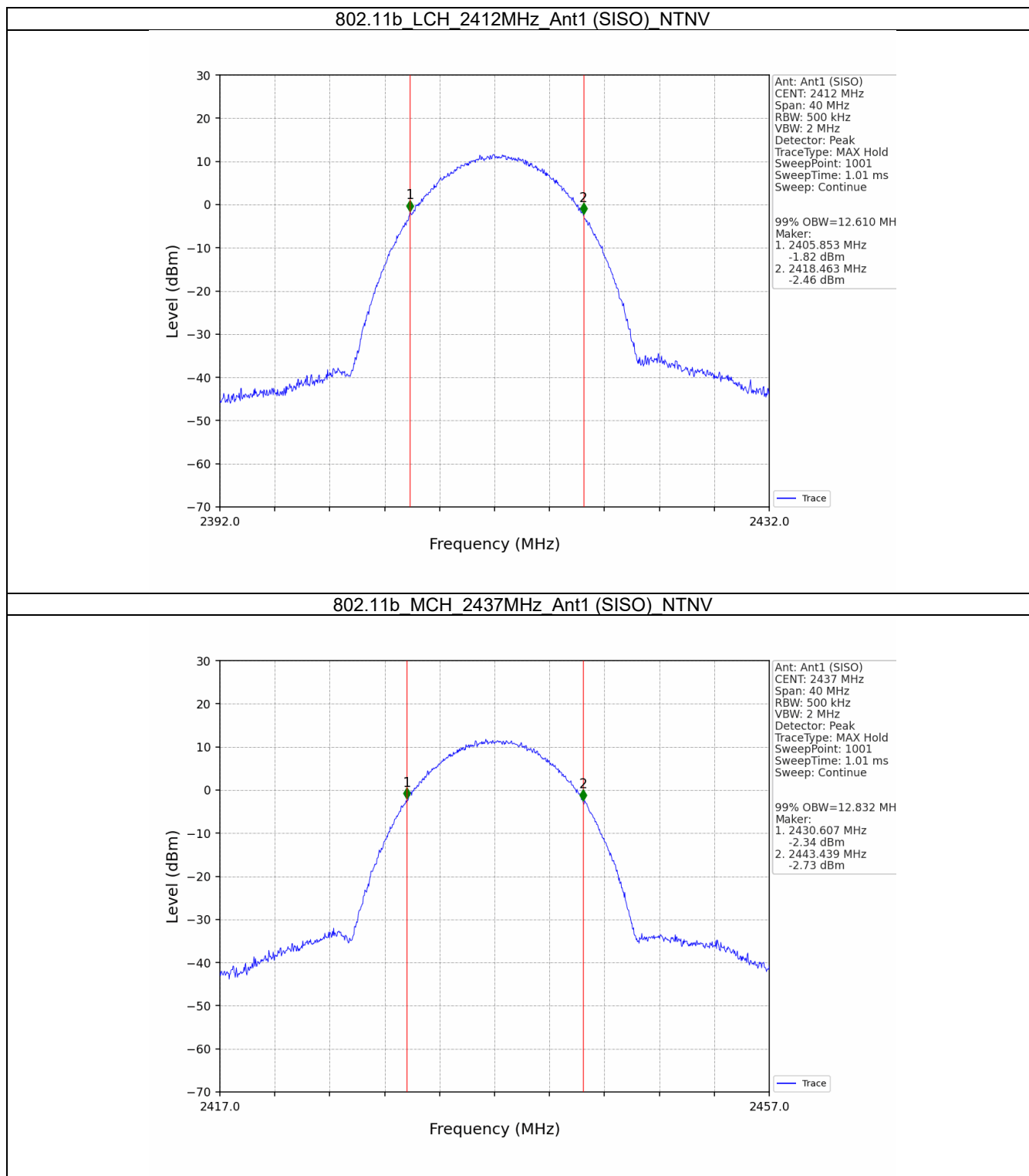
Mode	TX Type	Frequency (MHz)	ANT	99% Occupied Bandwidth (MHz)		Verdict
				Result	Limit	
802.11b	SISO	2412	1	12.610	/	Pass
		2437	1	12.832	/	Pass
		2462	1	12.716	/	Pass
802.11g	SISO	2412	1	16.825	/	Pass
		2437	1	17.024	/	Pass
		2462	1	16.800	/	Pass
802.11n (HT20)	SISO	2412	1	17.839	/	Pass
		2437	1	18.027	/	Pass
		2462	1	17.830	/	Pass
802.11n (HT40)	SISO	2422	1	36.204	/	Pass
		2437	1	36.555	/	Pass
		2452	1	36.105	/	Pass

2.1.2 6dB BW

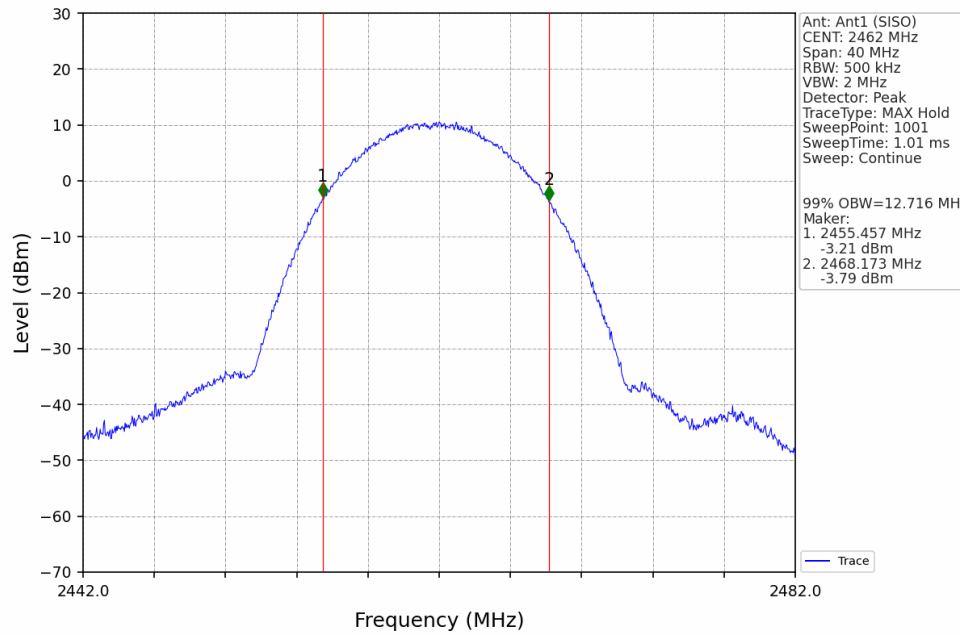
Mode	TX Type	Frequency (MHz)	ANT	6dB Bandwidth (MHz)		Verdict
				Result	Limit	
802.11b	SISO	2412	1	7.930	≥ 0.5	Pass
		2437	1	7.724	≥ 0.5	Pass
		2462	1	6.869	≥ 0.5	Pass
802.11g	SISO	2412	1	15.937	≥ 0.5	Pass
		2437	1	16.062	≥ 0.5	Pass
		2462	1	15.567	≥ 0.5	Pass
802.11n (HT20)	SISO	2412	1	17.084	≥ 0.5	Pass
		2437	1	17.516	≥ 0.5	Pass
		2462	1	16.741	≥ 0.5	Pass
802.11n (HT40)	SISO	2422	1	34.481	≥ 0.5	Pass
		2437	1	36.185	≥ 0.5	Pass
		2452	1	34.453	≥ 0.5	Pass

2.2 Test Graph

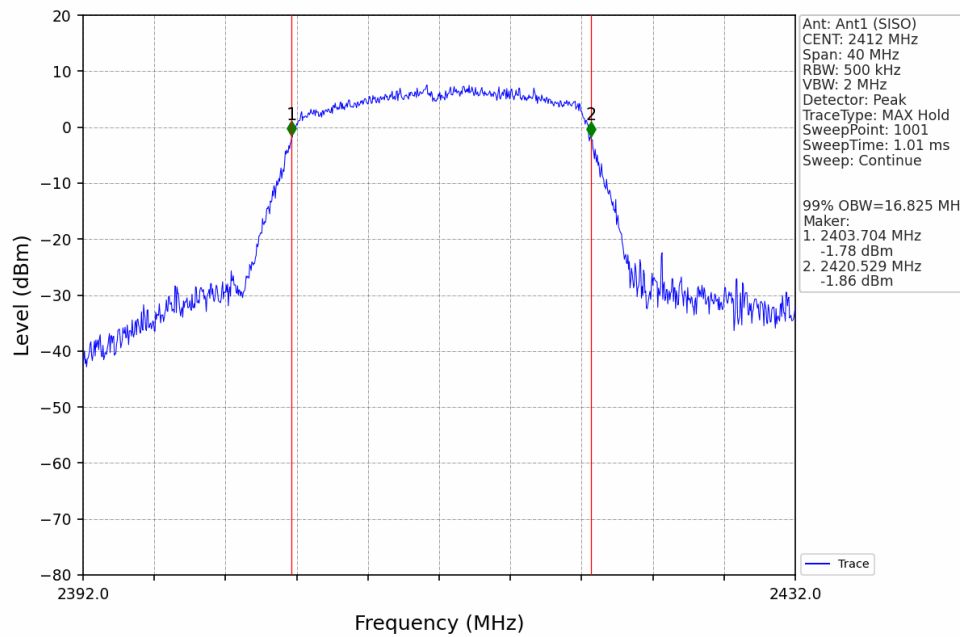
2.2.1 OBW



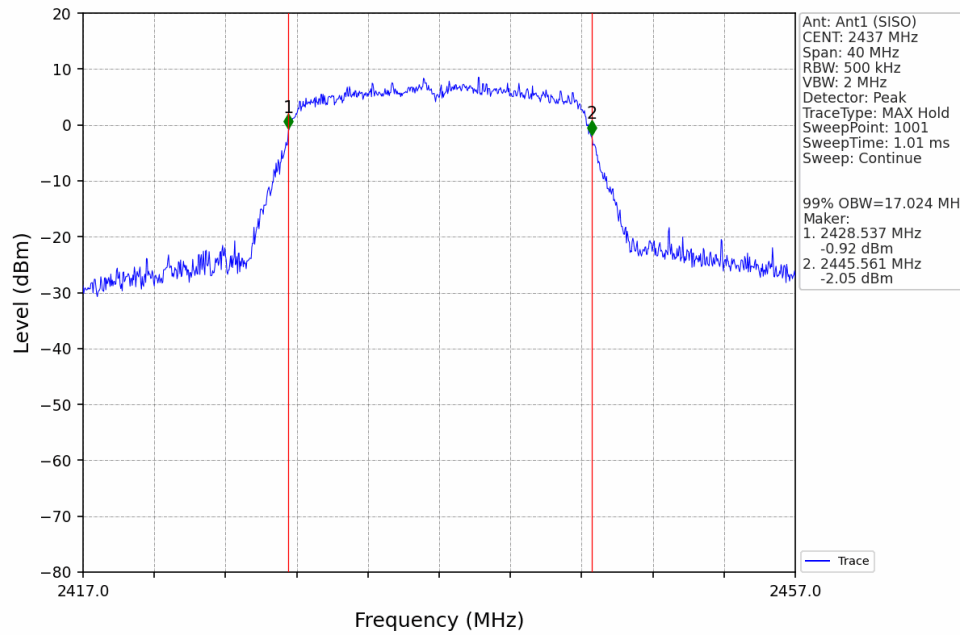
802.11b HCH 2462MHz Ant1 (SISO) NTN



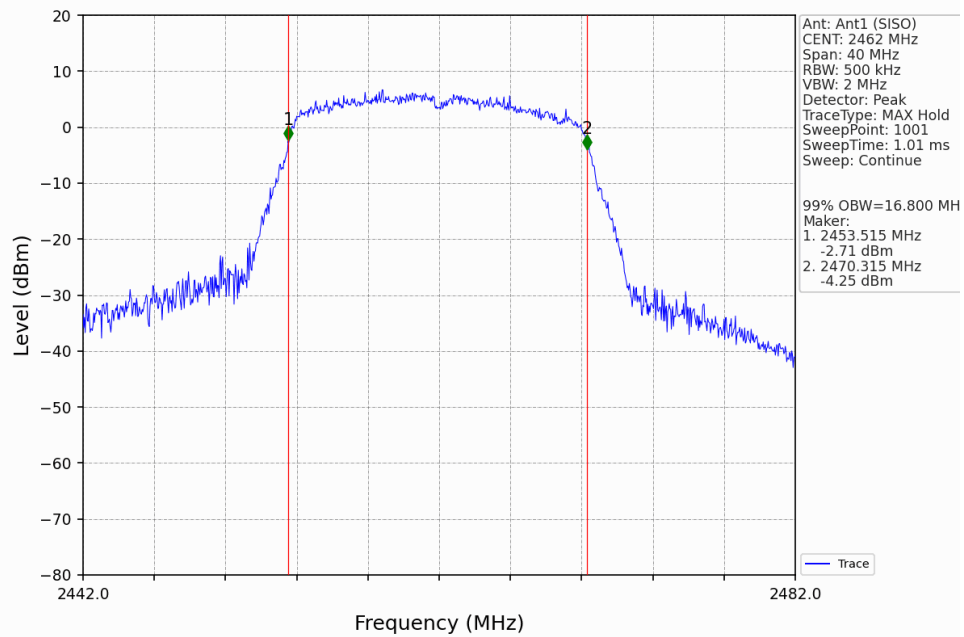
802.11g LCH 2412MHz Ant1 (SISO) NTN



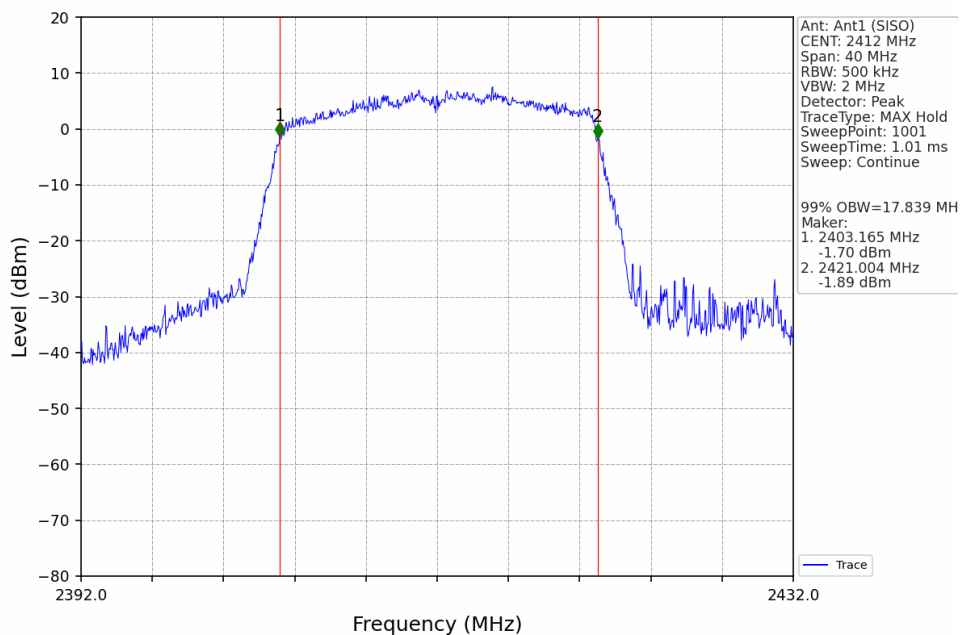
802.11g MCH 2437MHz Ant1 (SISO) NTN



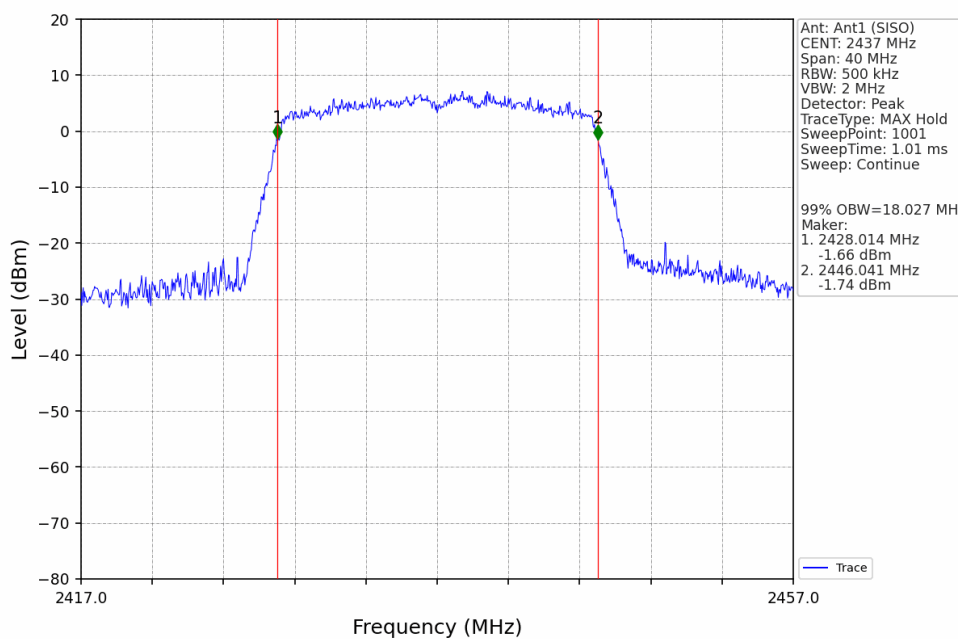
802.11g_HCH_2462MHz_Ant1 (SISO)_NTN



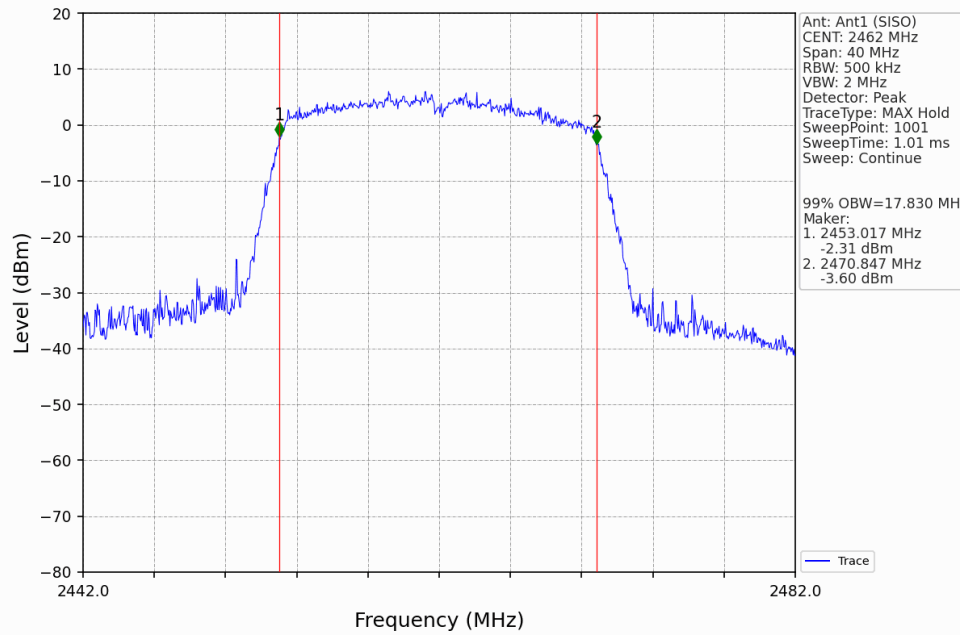
802.11n(HT20) LCH 2412MHz Ant1 (SISO) NTNV



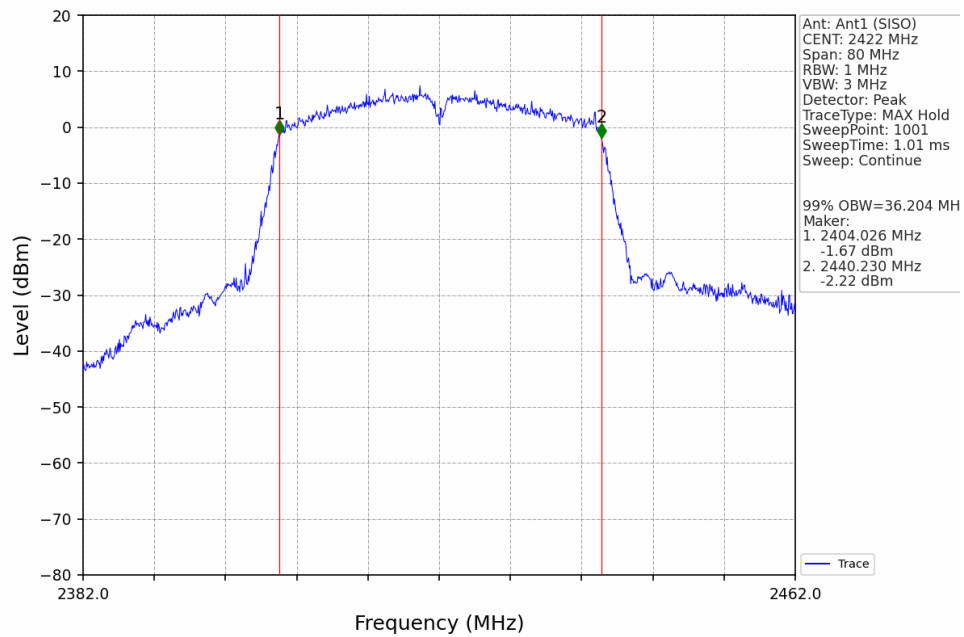
802.11n(HT20) MCH 2437MHz Ant1 (SISO) NTNV



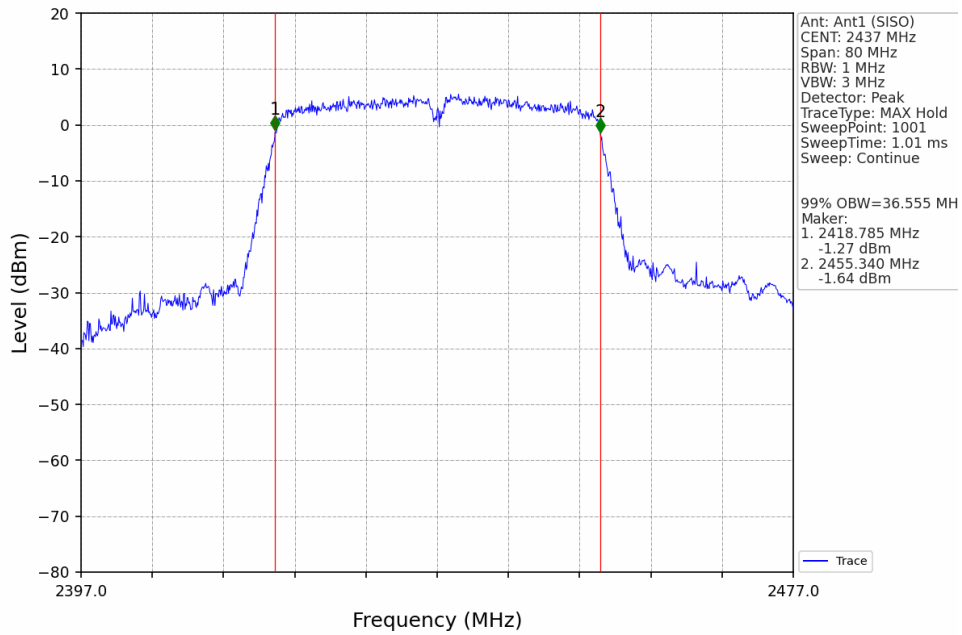
802.11n(HT20) HCH 2462MHz Ant1 (SISO) NTNV



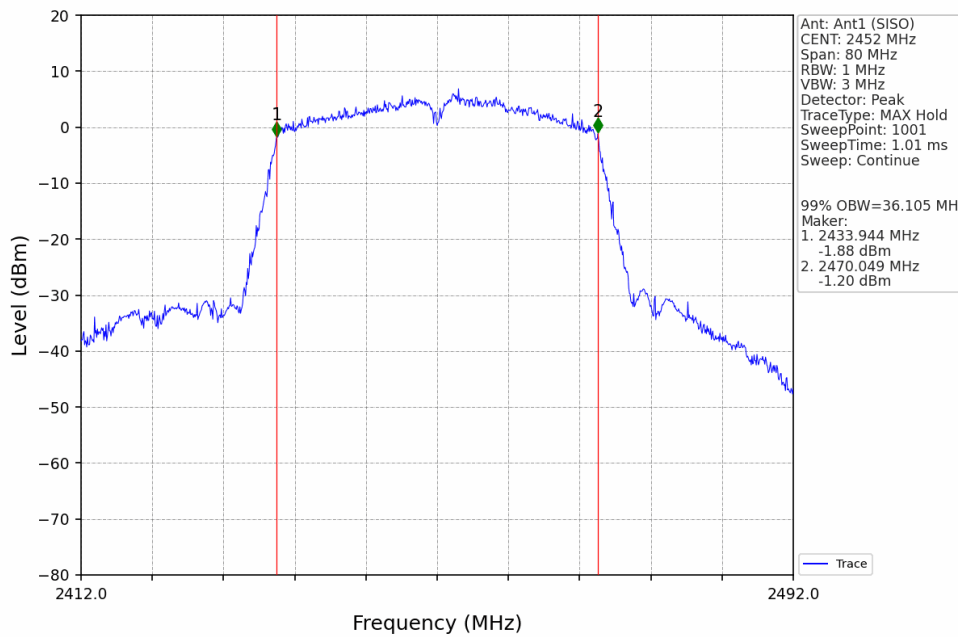
802.11n(HT40) LCH 2422MHz Ant1 (SISO) NTNV



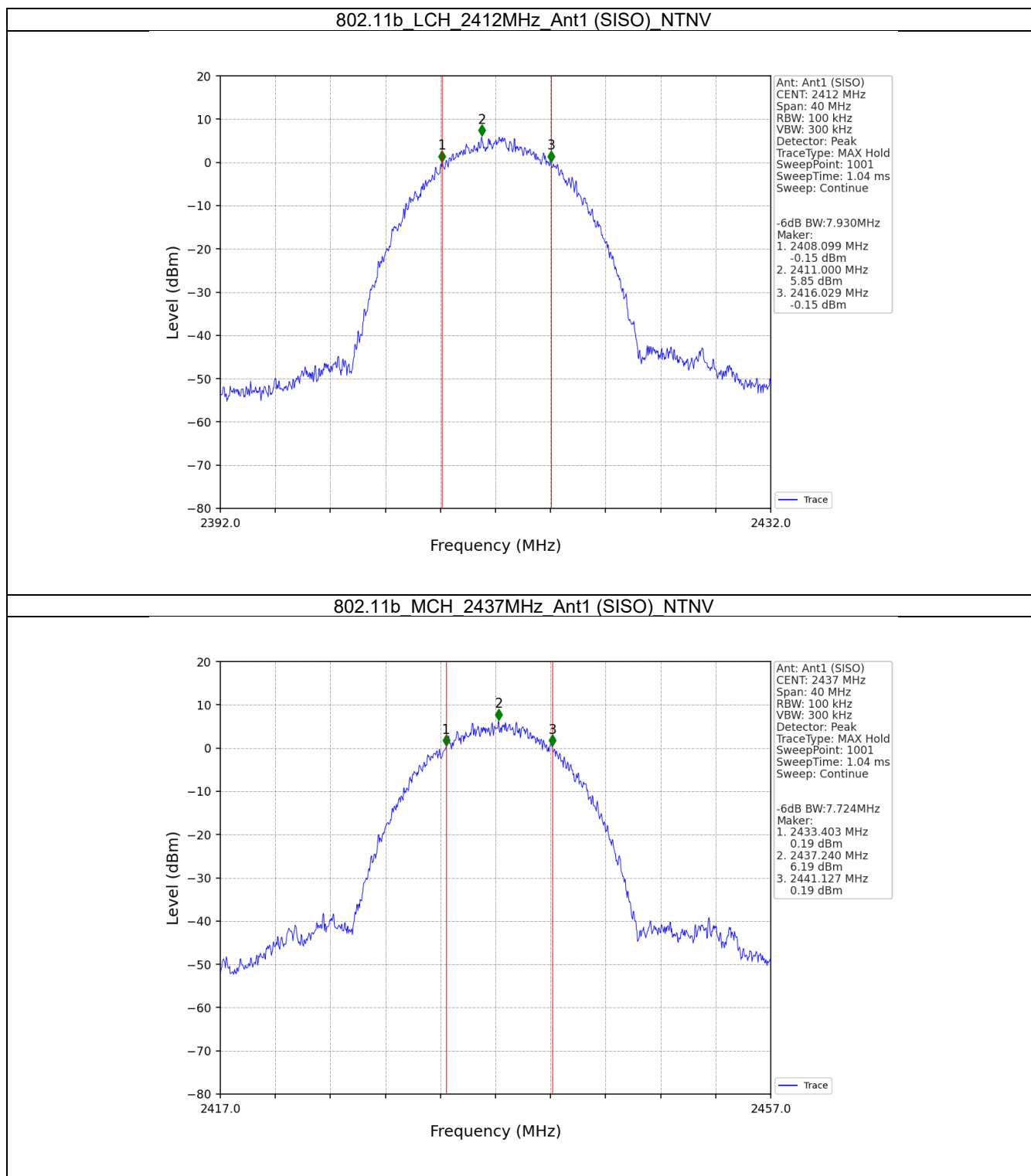
802.11n(HT40) MCH_2437MHz_Ant1 (SISO) NTN



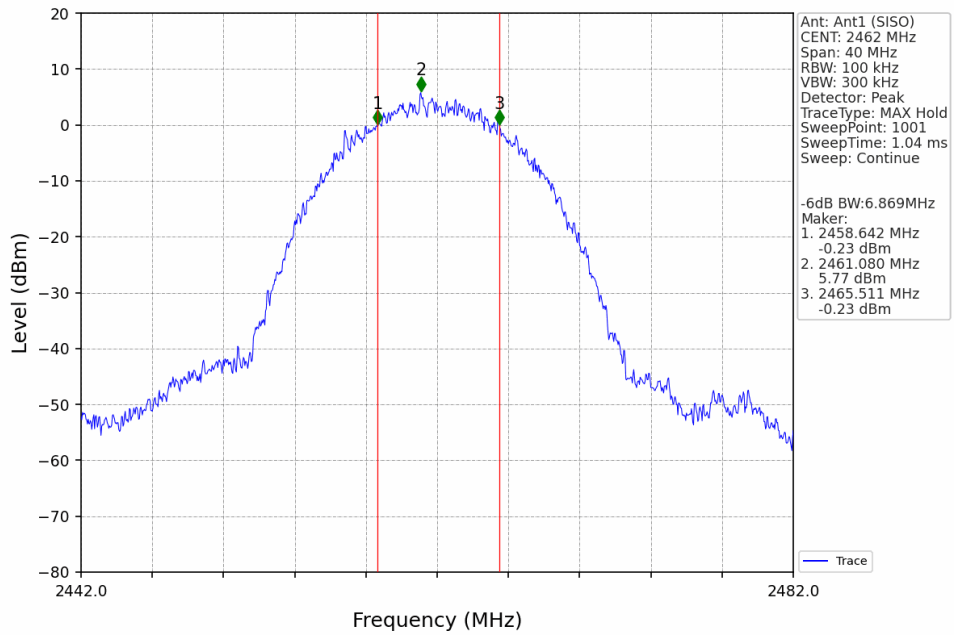
802.11n(HT40) HCH_2452MHz_Ant1 (SISO) NTN



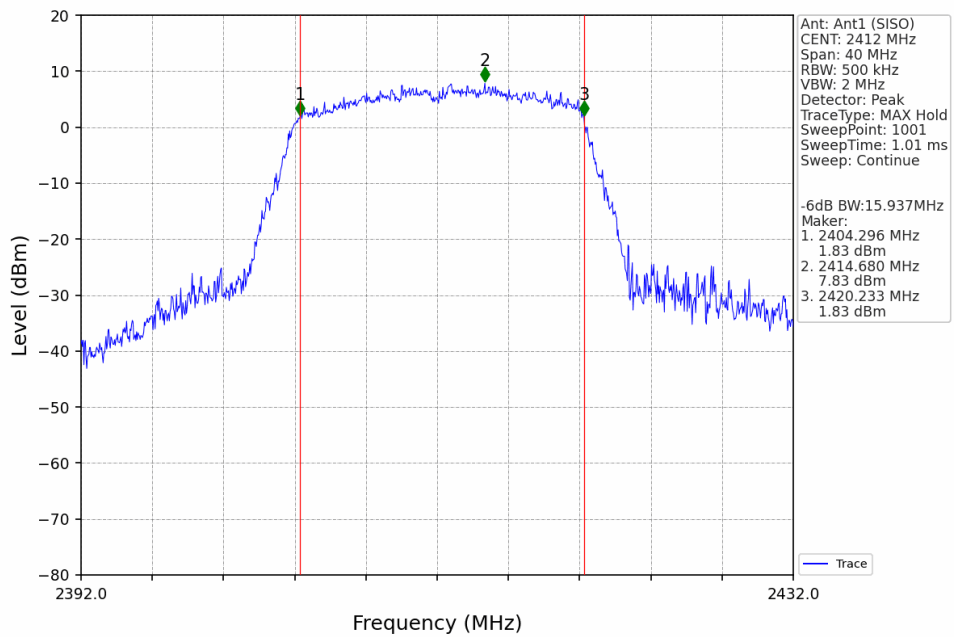
2.2.2 6dB BW



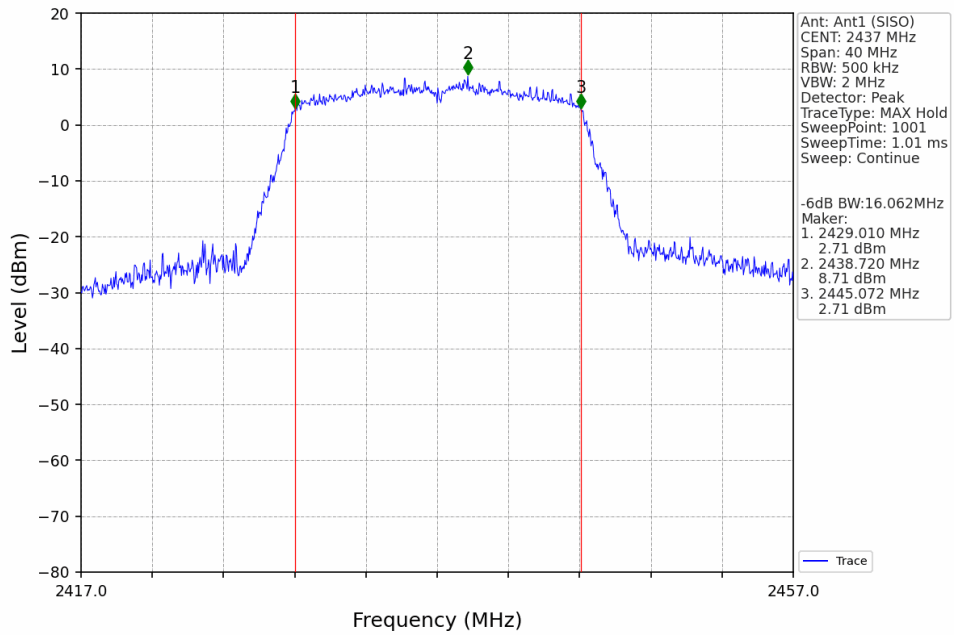
802.11b HCH 2462MHz Ant1 (SISO) NTN



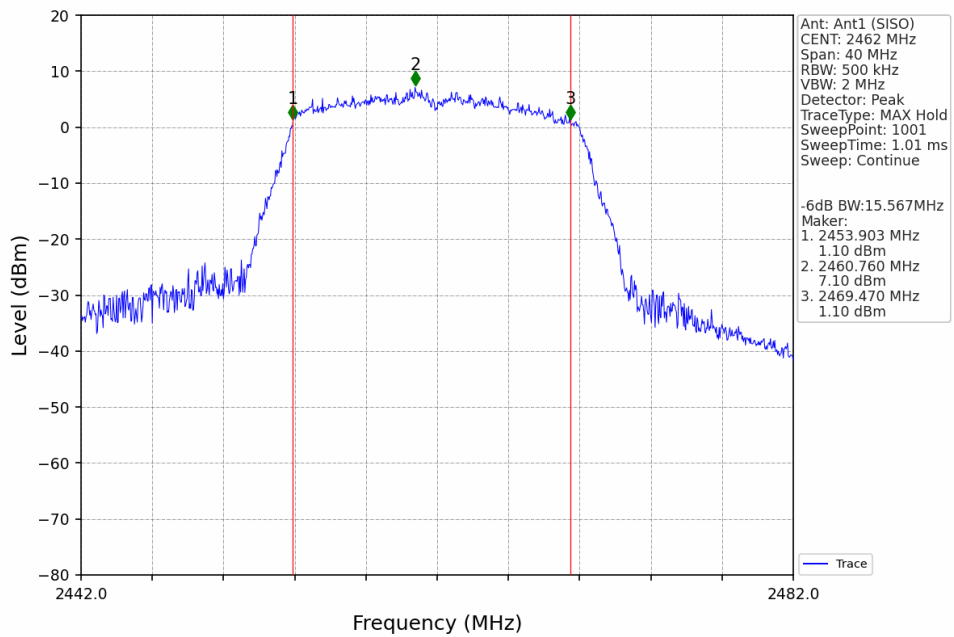
802.11g LCH 2412MHz Ant1 (SISO) NTN



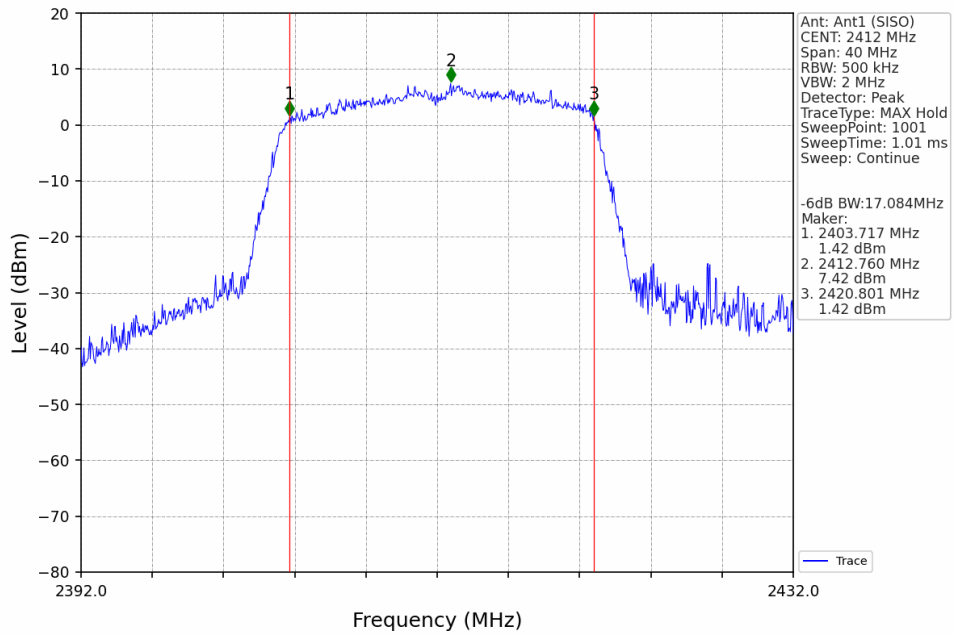
802.11g MCH 2437MHz Ant1 (SISO) NTN



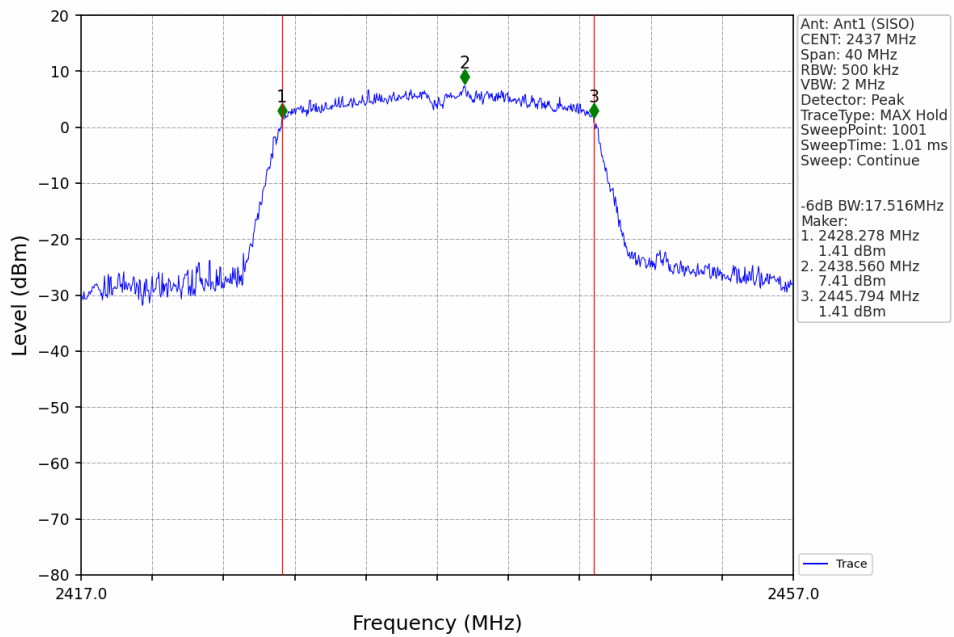
802.11g_HCH_2462MHz_Ant1 (SISO)_NTN



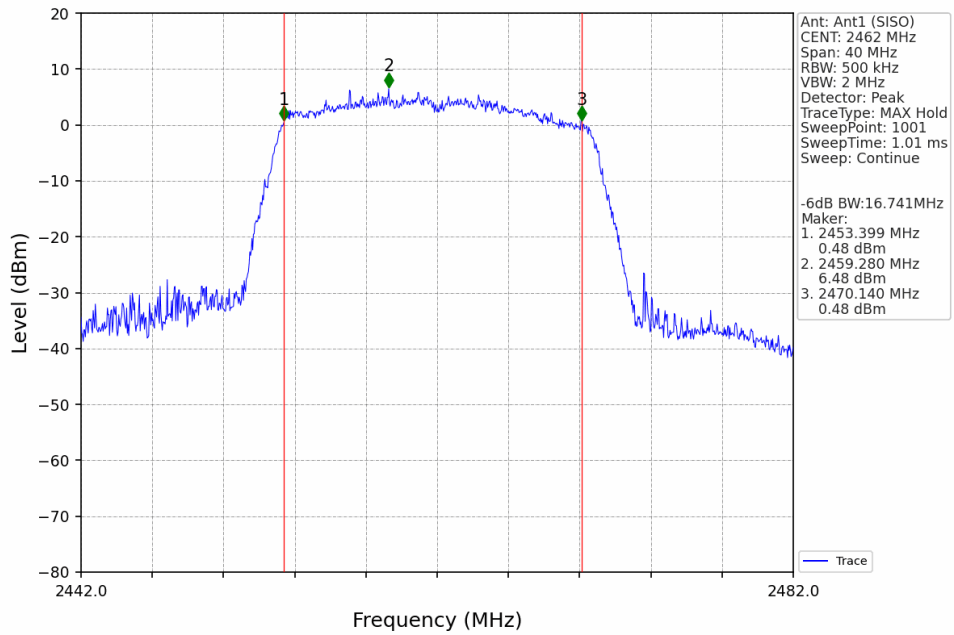
802.11n(HT20) LCH 2412MHz Ant1 (SISO) NTNV



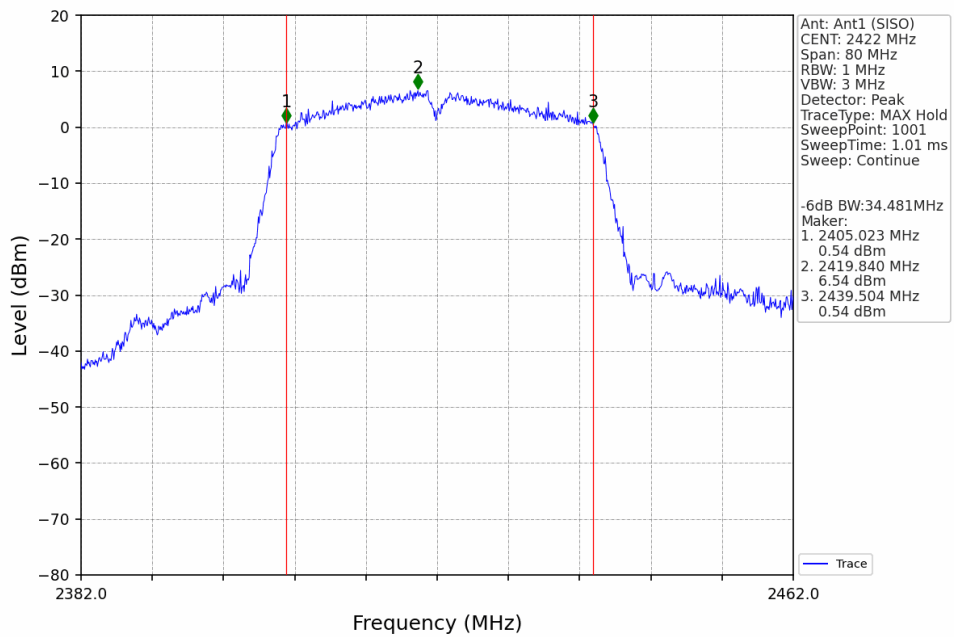
802.11n(HT20) MCH 2437MHz Ant1 (SISO) NTNV



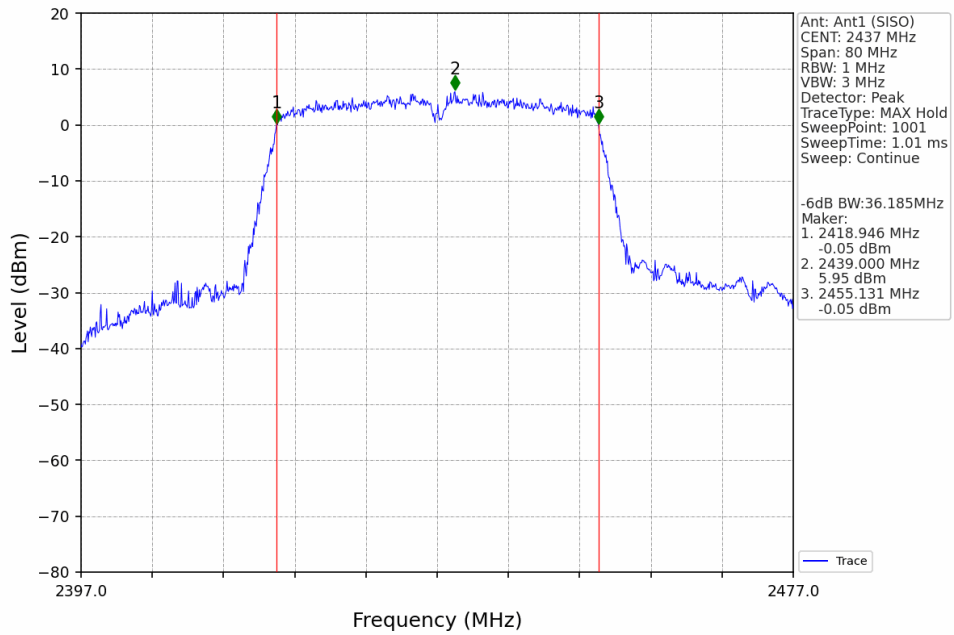
802.11n(HT20) HCH 2462MHz Ant1 (SISO) NTNV



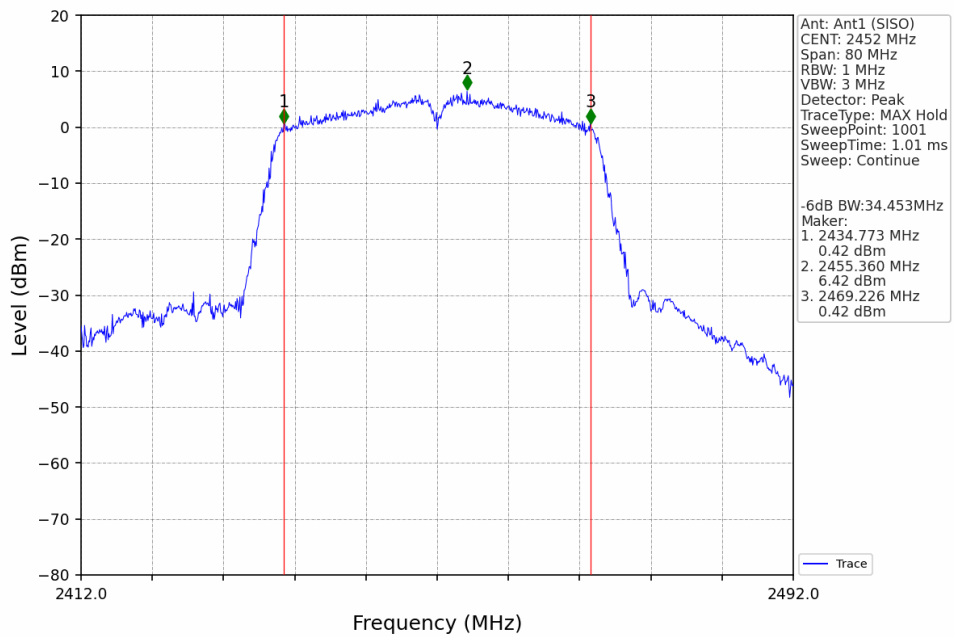
802.11n(HT40) LCH 2422MHz Ant1 (SISO) NTNV



802.11n(HT40) MCH_2437MHz_Ant1 (SISO) NTN



802.11n(HT40) HCH_2452MHz_Ant1 (SISO) NTN



3. Maximum Conducted Output Power

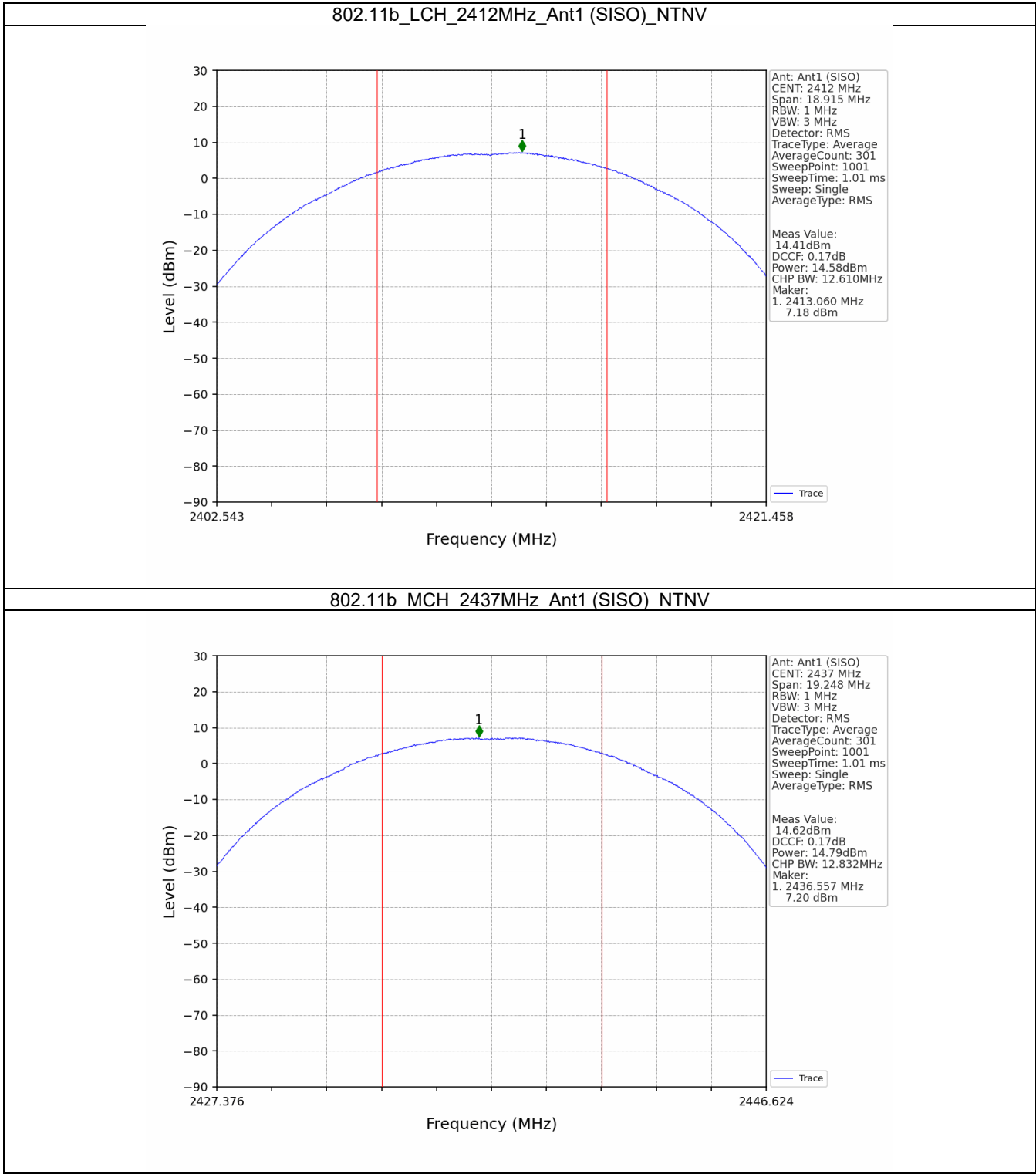
3.1 Test Result

3.1.1 Power

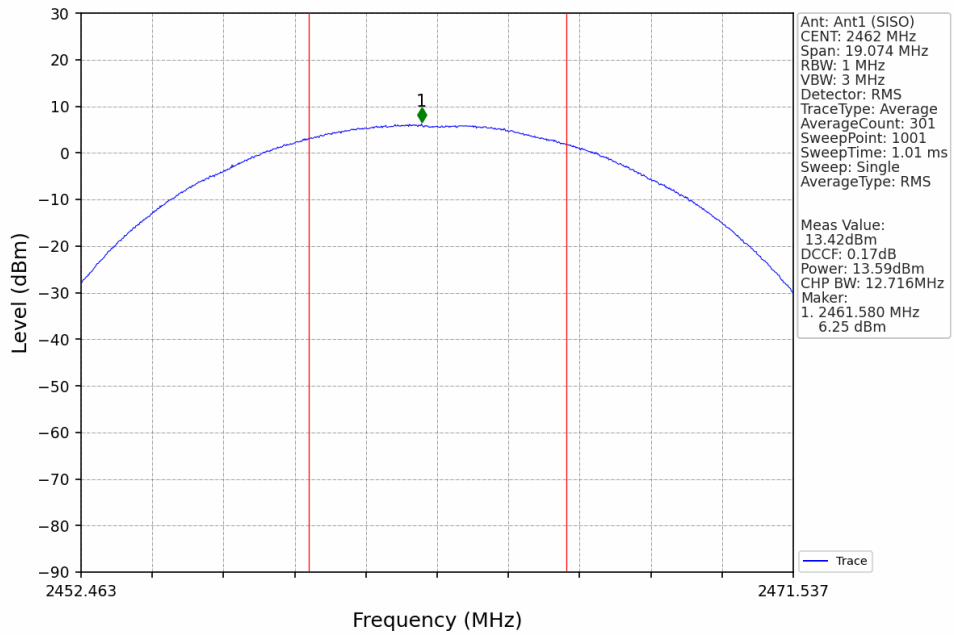
Mode	TX Type	Frequency (MHz)	Maximum Average Conducted Output Power (dBm)		Verdict
			ANT1	Limit	
802.11b	SISO	2412	14.58	<=30	Pass
		2437	14.79	<=30	Pass
		2462	13.59	<=30	Pass
802.11g	SISO	2412	11.82	<=30	Pass
		2437	12.19	<=30	Pass
		2462	10.60	<=30	Pass
802.11n (HT20)	SISO	2412	11.34	<=30	Pass
		2437	11.55	<=30	Pass
		2462	9.96	<=30	Pass
802.11n (HT40)	SISO	2422	10.13	<=30	Pass
		2437	9.98	<=30	Pass
		2452	9.40	<=30	Pass
Note1: Antenna Gain: Ant1: 0.00dBi;					

3.2 Test Graph

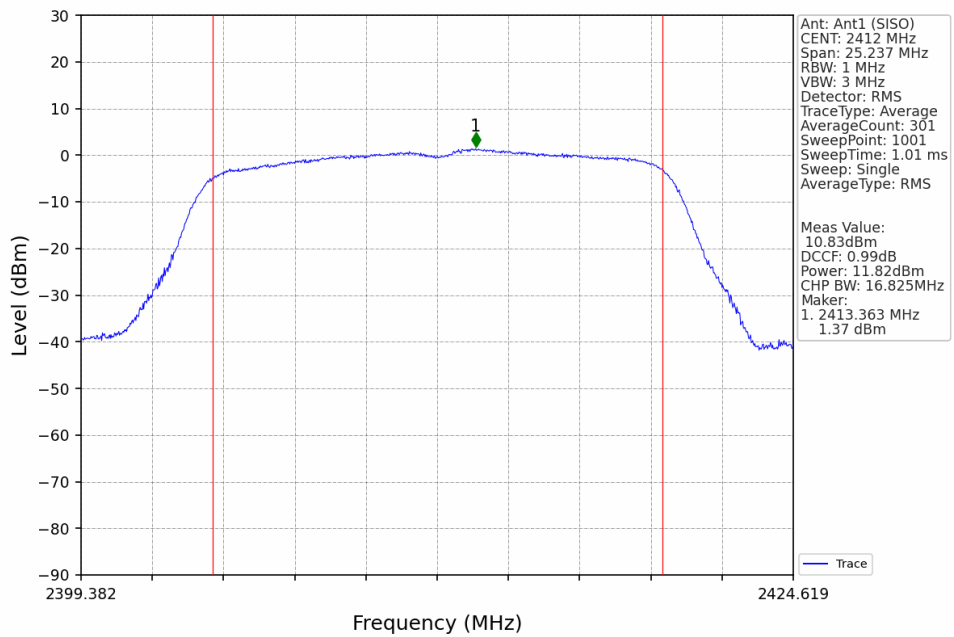
3.2.1 Power



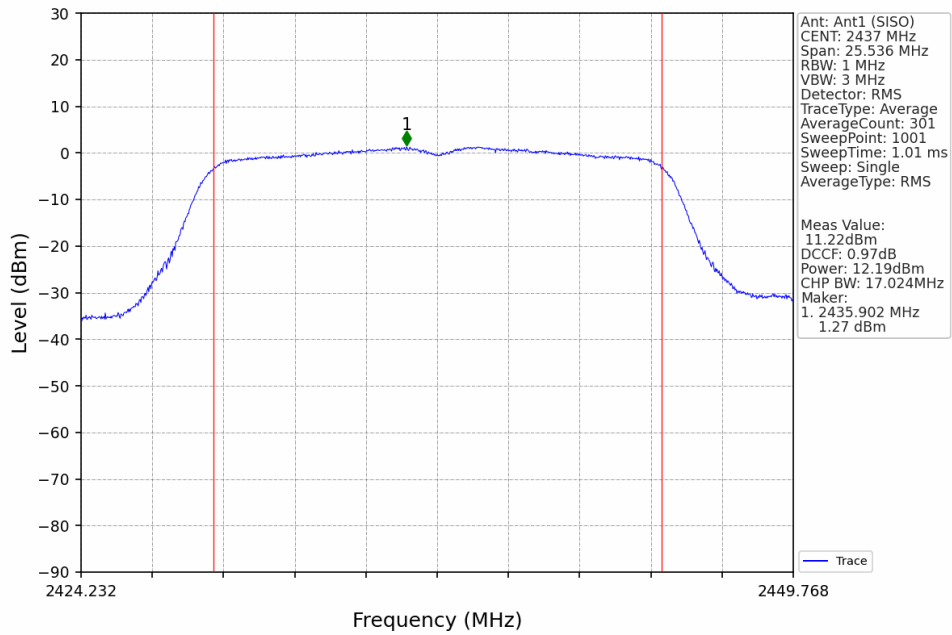
802.11b HCH 2462MHz Ant1 (SISO) NTN



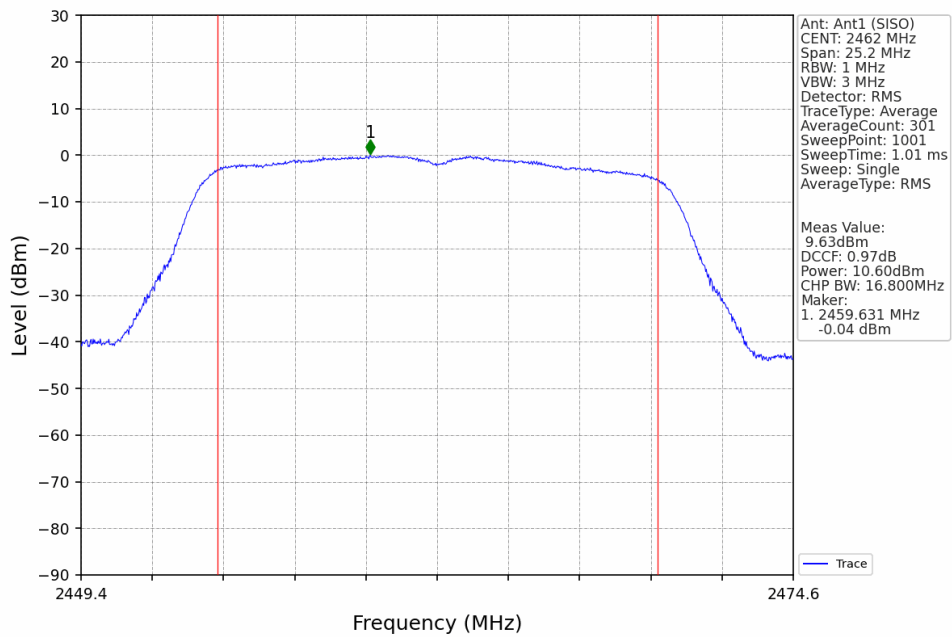
802.11g LCH 2412MHz Ant1 (SISO) NTN



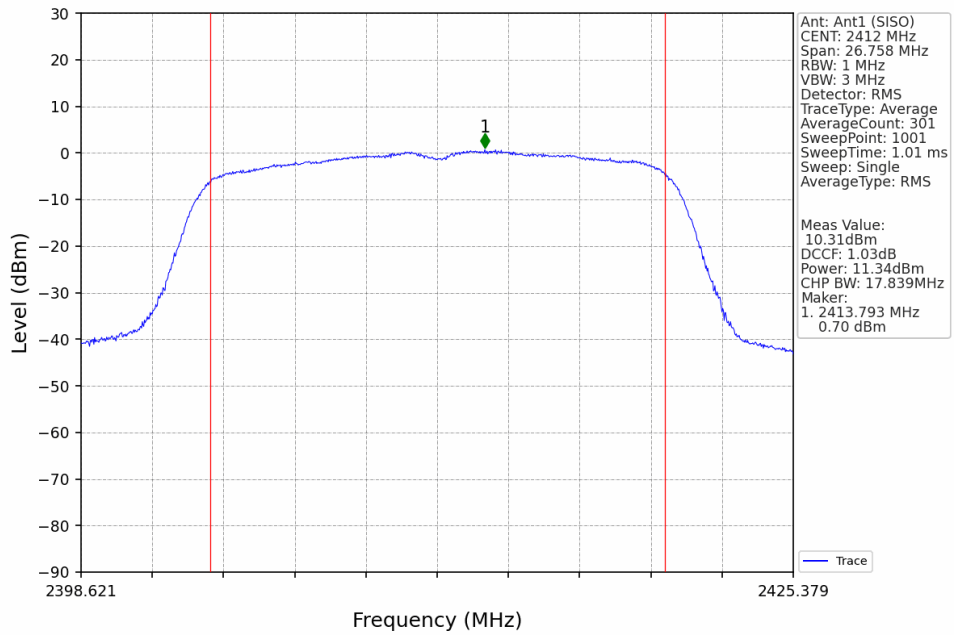
802.11g MCH 2437MHz Ant1 (SISO) NTN



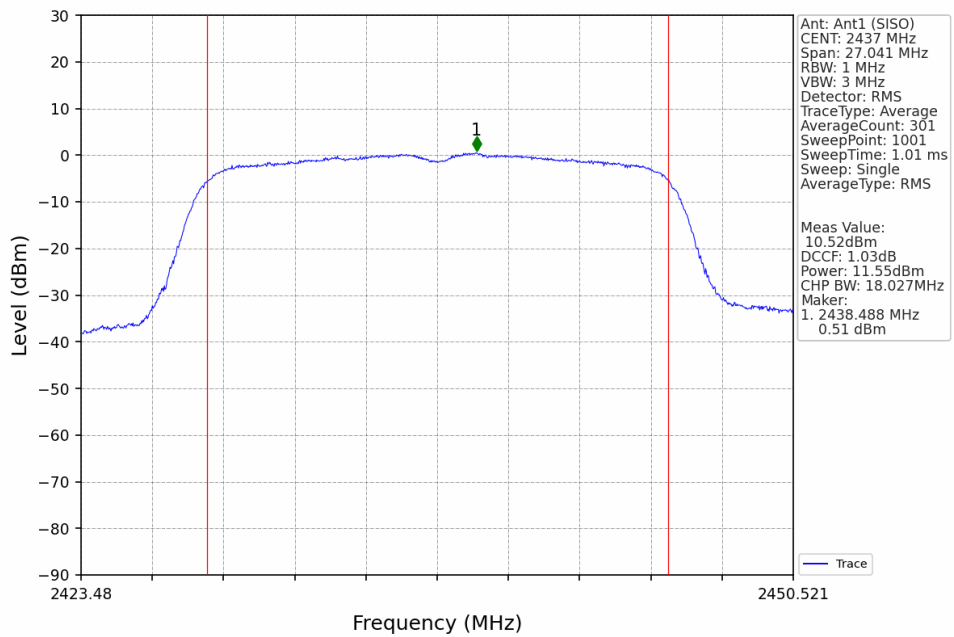
802.11g_HCH_2462MHz_Ant1 (SISO) NTN



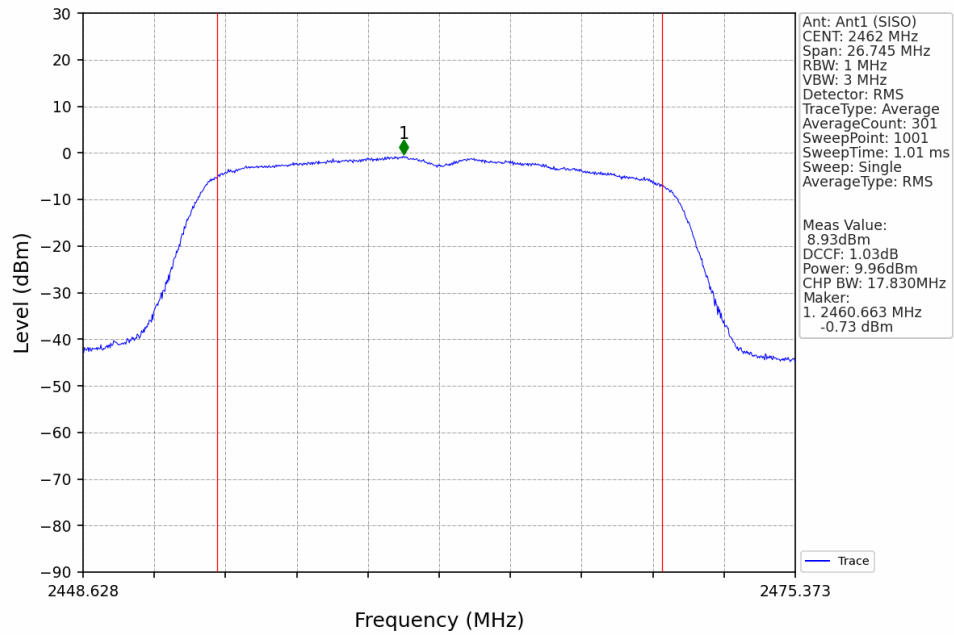
802.11n(HT20) LCH 2412MHz Ant1 (SISO) NTNV



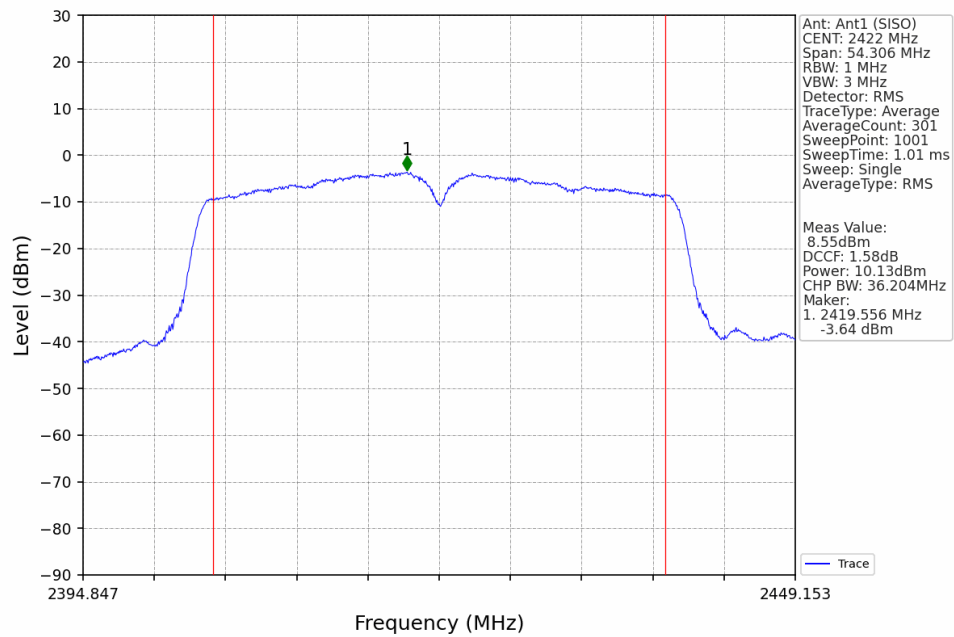
802.11n(HT20) MCH 2437MHz Ant1 (SISO) NTNV



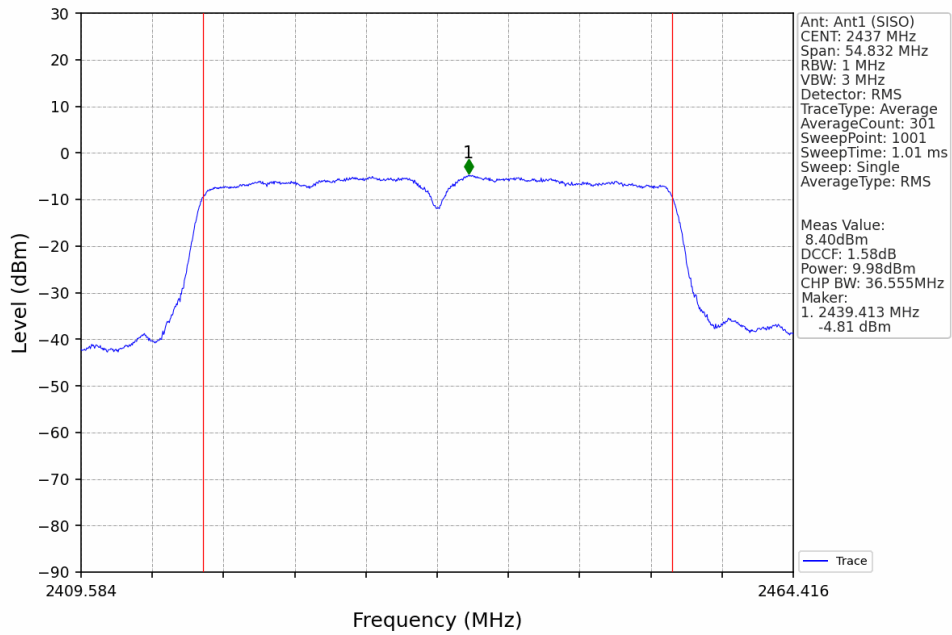
802.11n(HT20) HCH 2462MHz Ant1 (SISO) NTN



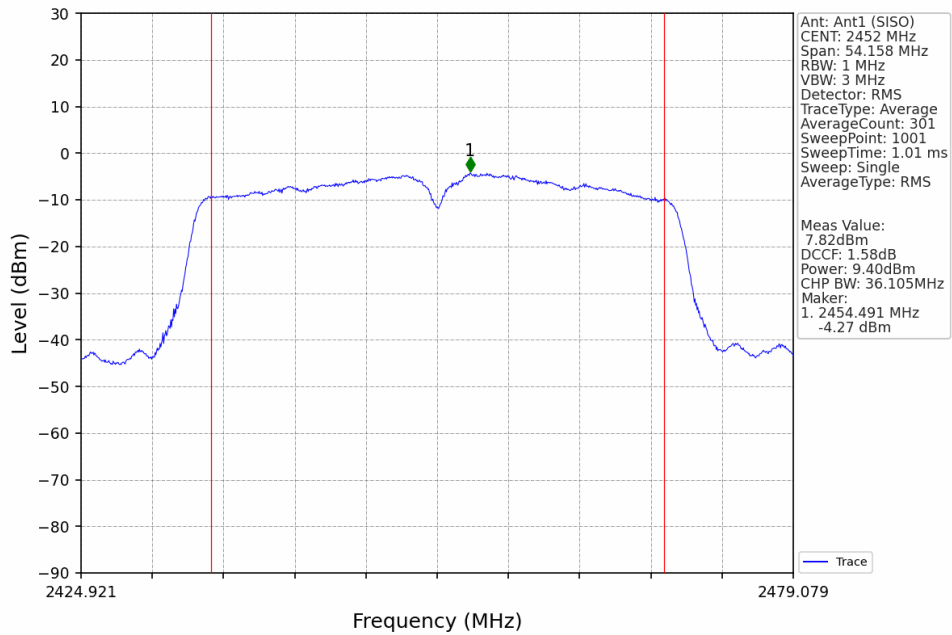
802.11n(HT40) LCH 2422MHz Ant1 (SISO) NTN



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



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



4. Maximum Power Spectral Density

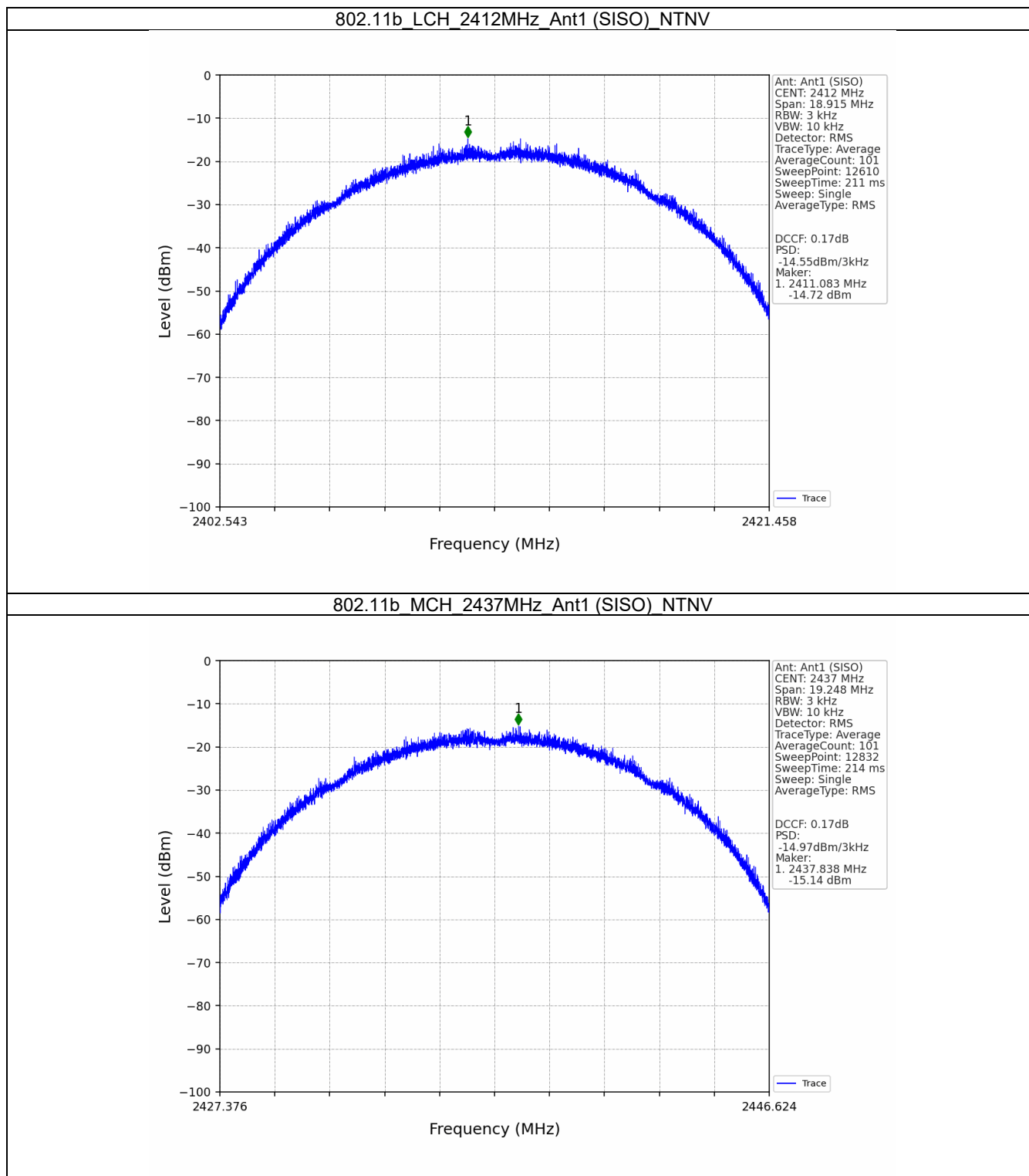
4.1 Test Result

4.1.1 PSD

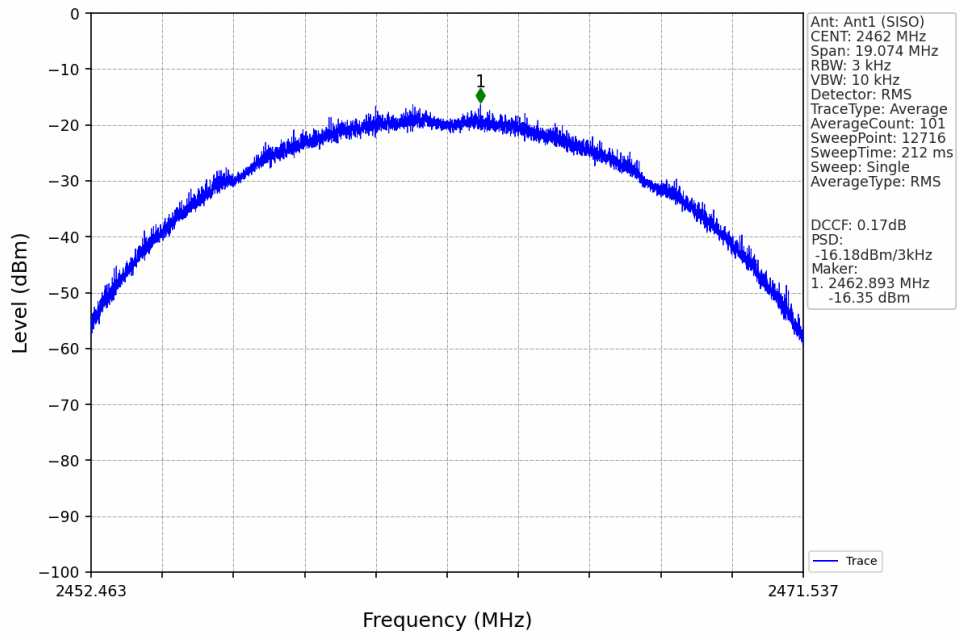
Mode	TX Type	Frequency (MHz)	Maximum PSD (dBm/3kHz)		Verdict
			ANT1	Limit	
802.11b	SISO	2412	-14.55	<=8	Pass
		2437	-14.97	<=8	Pass
		2462	-16.18	<=8	Pass
802.11g	SISO	2412	-17.09	<=8	Pass
		2437	-17.12	<=8	Pass
		2462	-18.54	<=8	Pass
802.11n (HT20)	SISO	2412	-16.28	<=8	Pass
		2437	-16.03	<=8	Pass
		2462	-17.27	<=8	Pass
802.11n (HT40)	SISO	2422	-17.93	<=8	Pass
		2437	-18.80	<=8	Pass
		2452	-19.37	<=8	Pass
Note1: Antenna Gain: Ant1: 0.00dBi;					

4.2 Test Graph

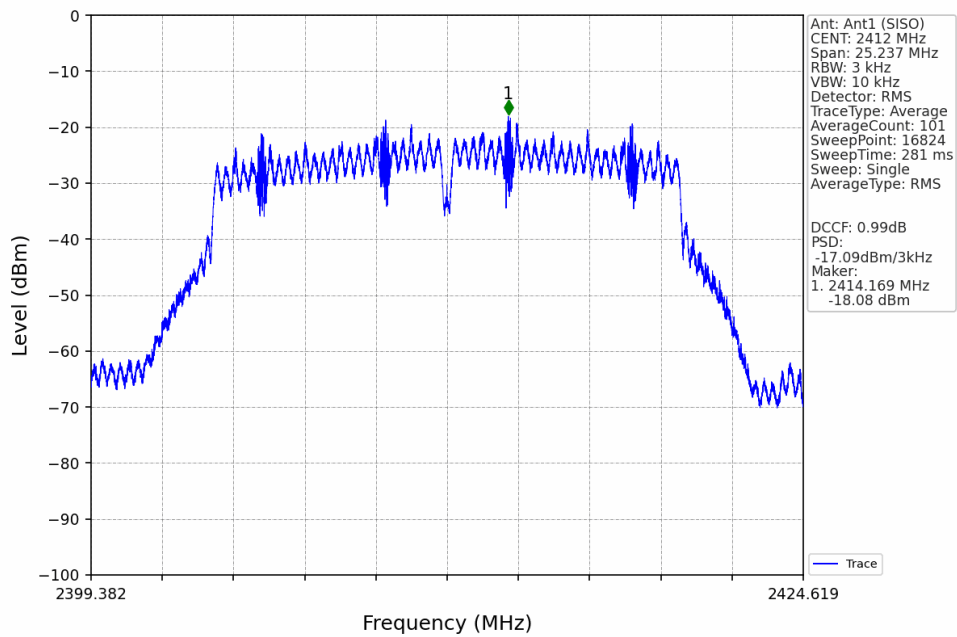
4.2.1 PSD



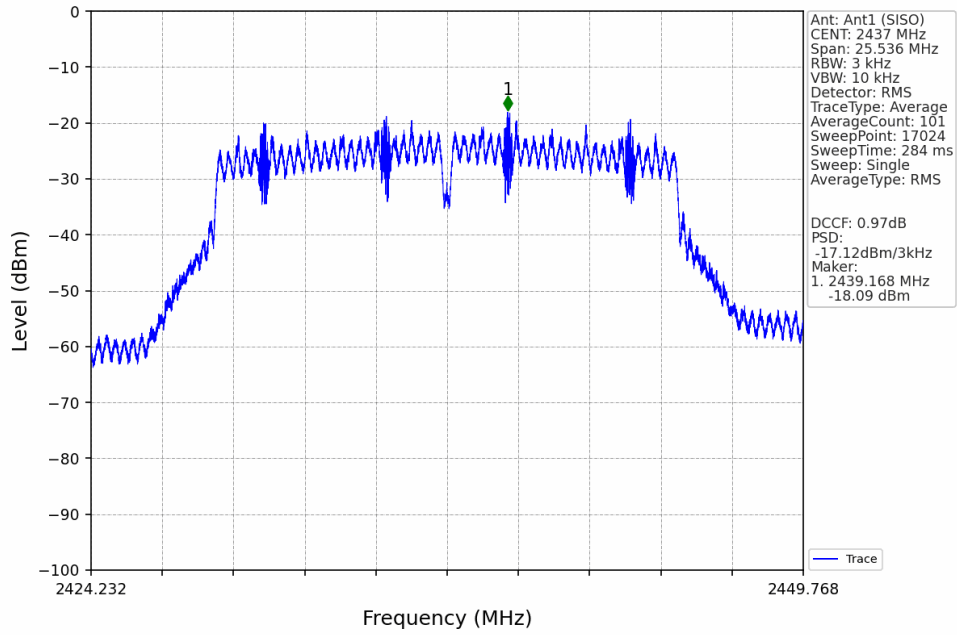
802.11b HCH 2462MHz Ant1 (SISO) NTN



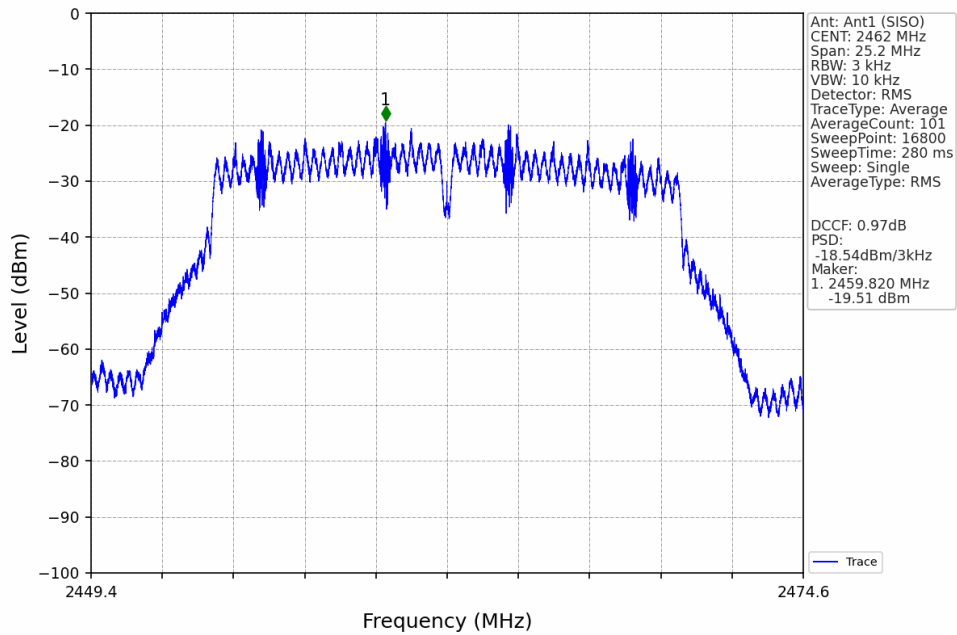
802.11g LCH 2412MHz Ant1 (SISO) NTN



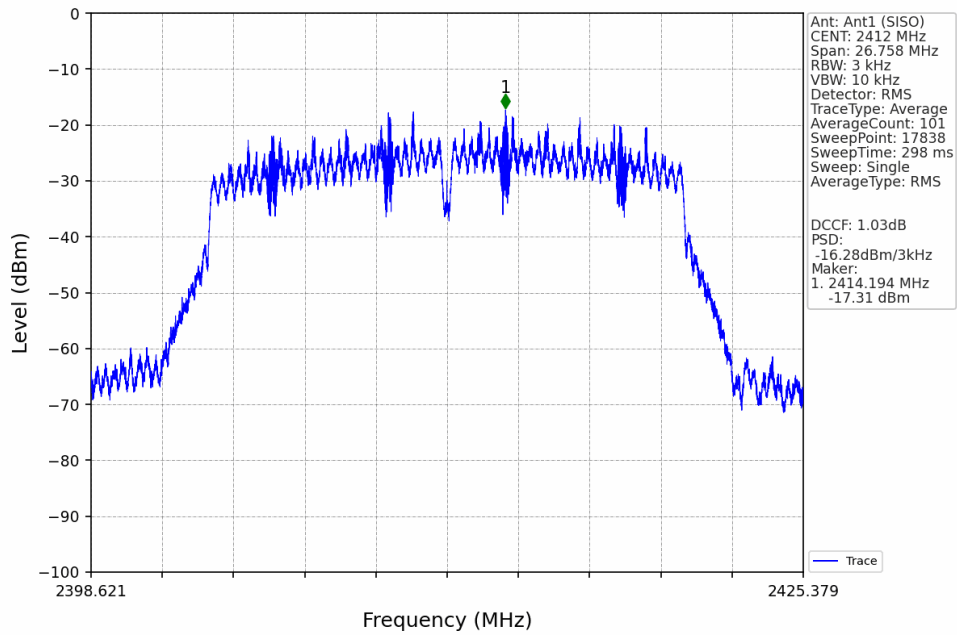
802.11g MCH 2437MHz Ant1 (SISO) NTN



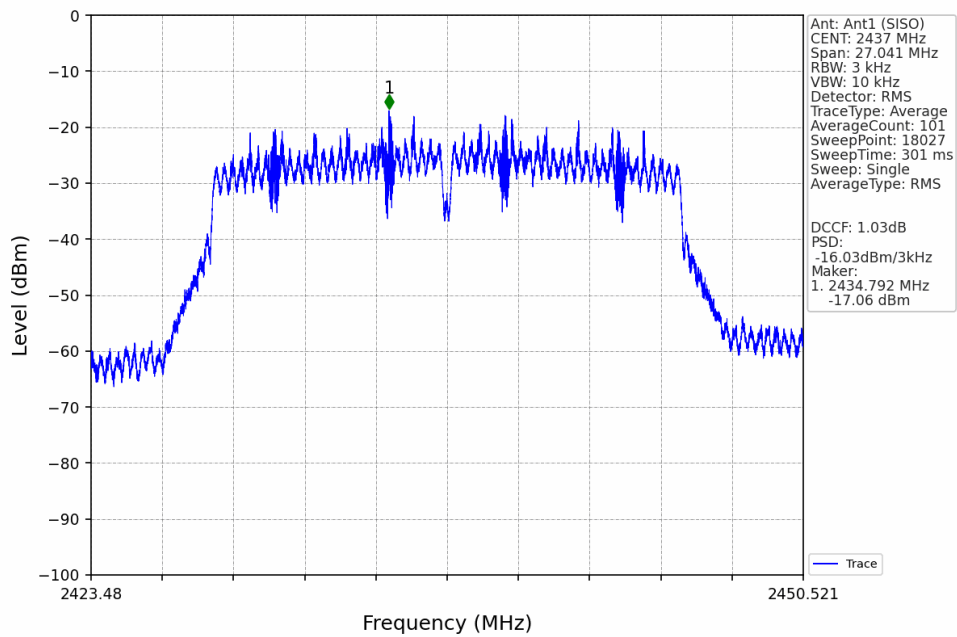
802.11g_HCH_2462MHz_Ant1 (SISO) NTN



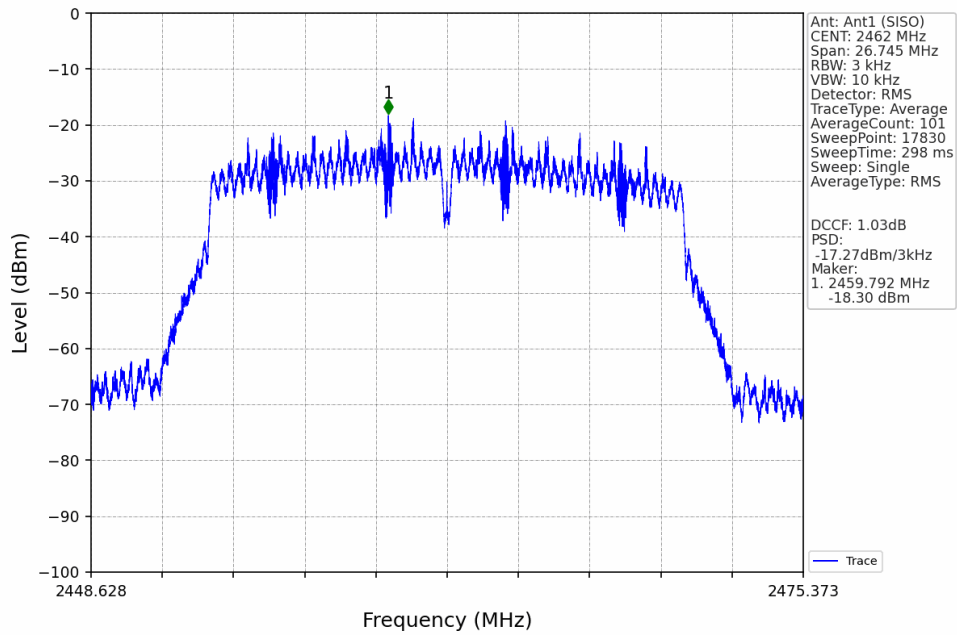
802.11n(HT20) LCH 2412MHz Ant1 (SISO) NTN



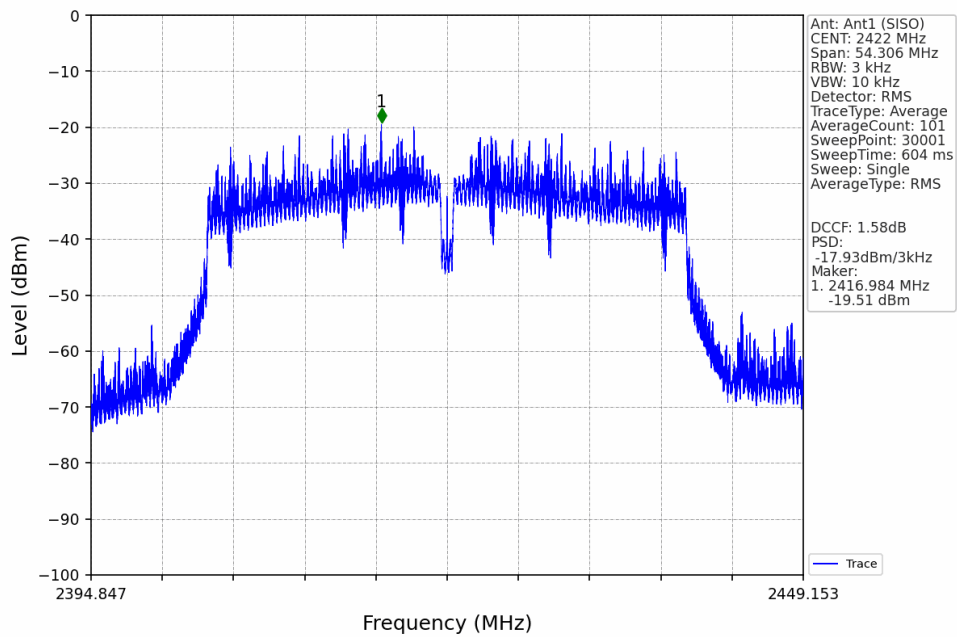
802.11n(HT20) MCH 2437MHz Ant1 (SISO) NTN



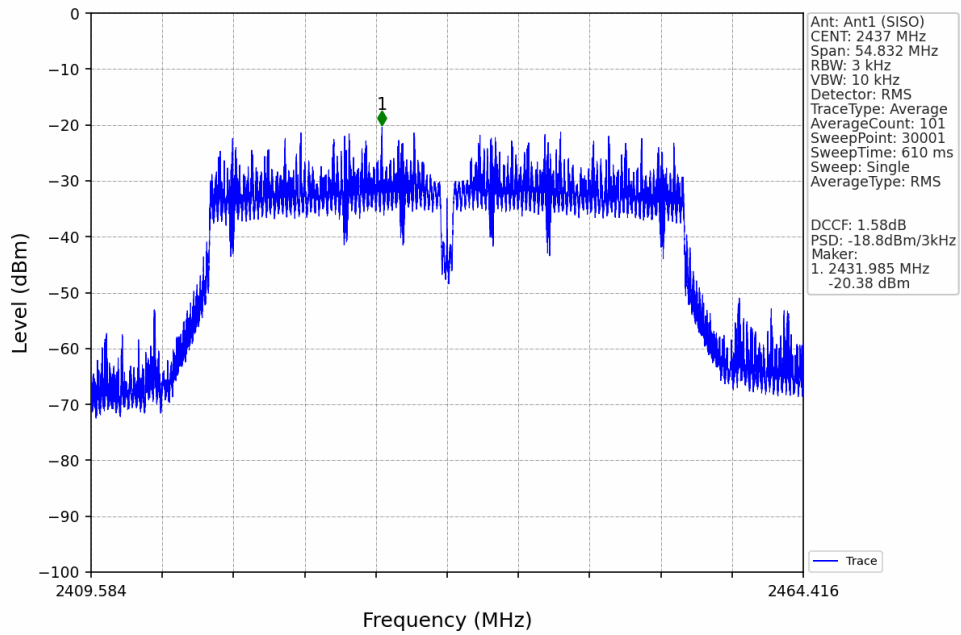
802.11n(HT20) HCH 2462MHz Ant1 (SISO) NTNV



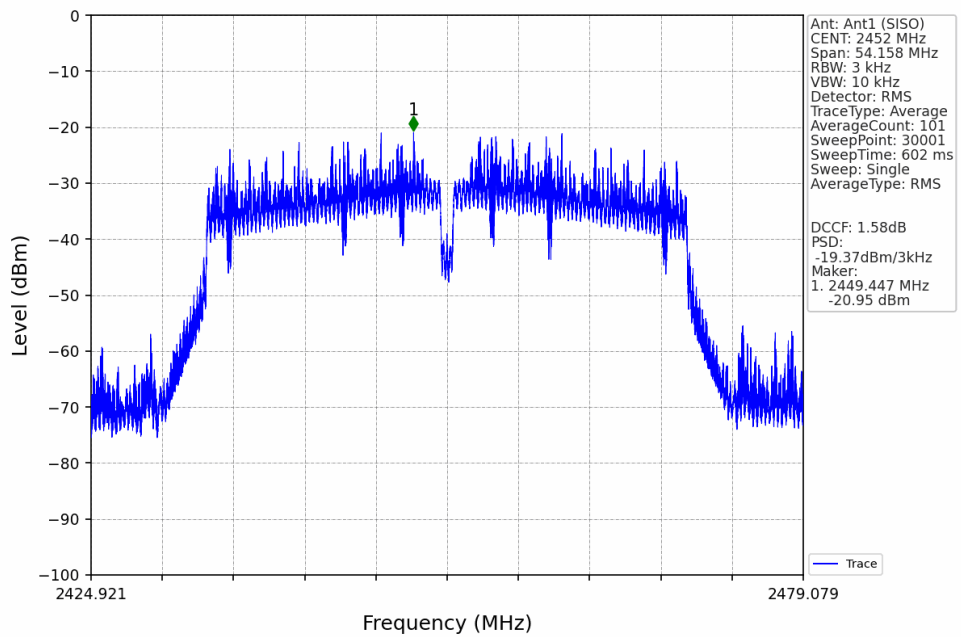
802.11n(HT40) LCH 2422MHz Ant1 (SISO) NTNV



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	7.45
		2437	1	6.73
		2462	1	5.45
802.11g	SISO	2412	1	1.65
		2437	1	1.60
		2462	1	-0.12
802.11n (HT20)	SISO	2412	1	1.15
		2437	1	1.01
		2462	1	-0.13
802.11n (HT40)	SISO	2422	1	-1.81
		2437	1	-3.21
		2452	1	-2.98

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.

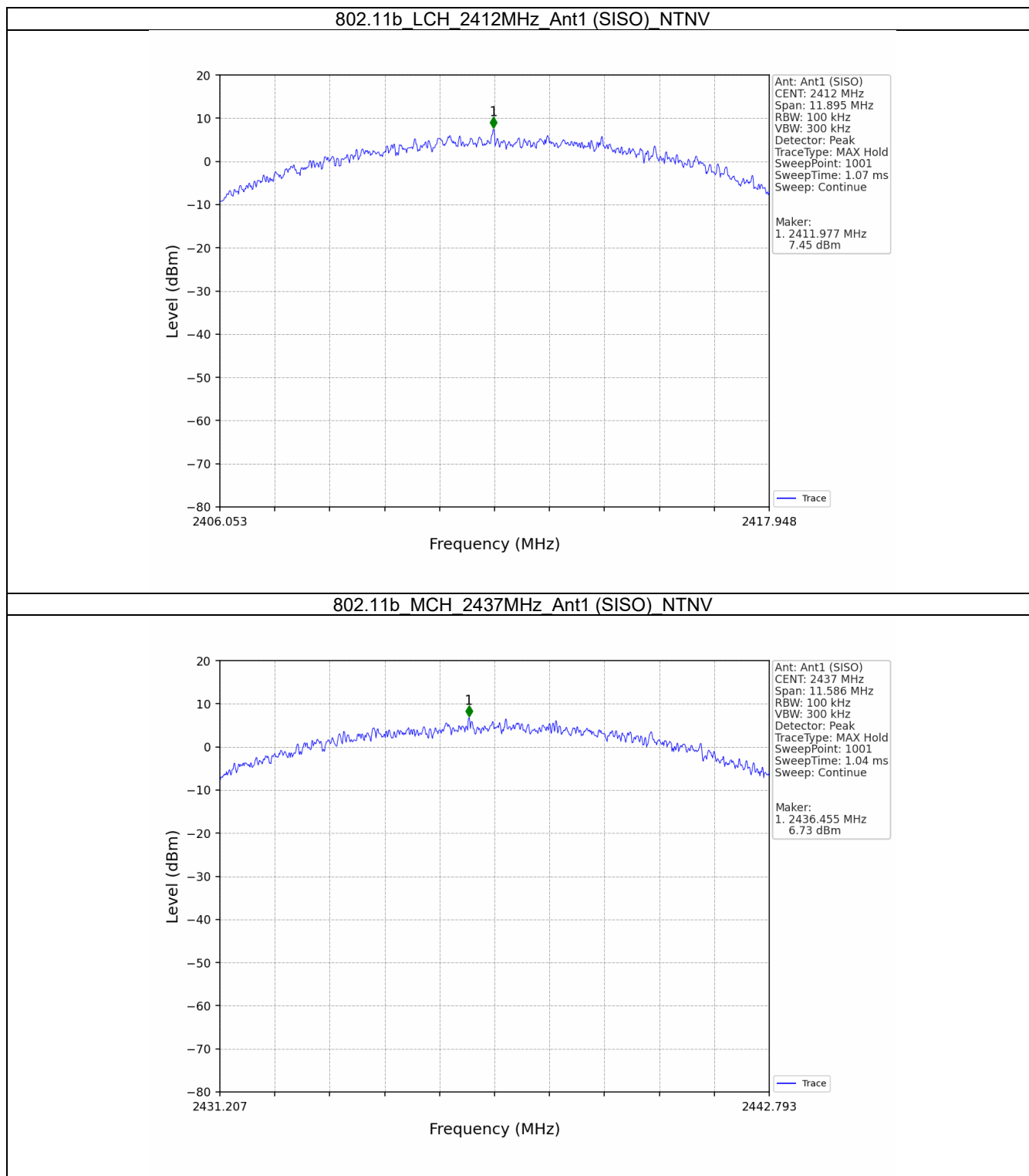
5.1.2 CSE

Mode	TX Type	Frequency (MHz)	ANT	Level of Reference (dBm)	Limit (dBm)	Verdict
802.11b	SISO	2412	1	7.45	-22.55	Pass
		2437	1	6.73	-23.27	Pass
		2462	1	5.45	-24.55	Pass
802.11g	SISO	2412	1	1.65	-28.35	Pass
		2437	1	1.60	-28.40	Pass
		2462	1	-0.12	-30.12	Pass
802.11n (HT20)	SISO	2412	1	1.15	-28.85	Pass
		2437	1	1.01	-28.99	Pass
		2462	1	-0.13	-30.13	Pass
802.11n (HT40)	SISO	2422	1	-1.81	-31.81	Pass
		2437	1	-3.21	-33.21	Pass
		2452	1	-2.98	-32.98	Pass

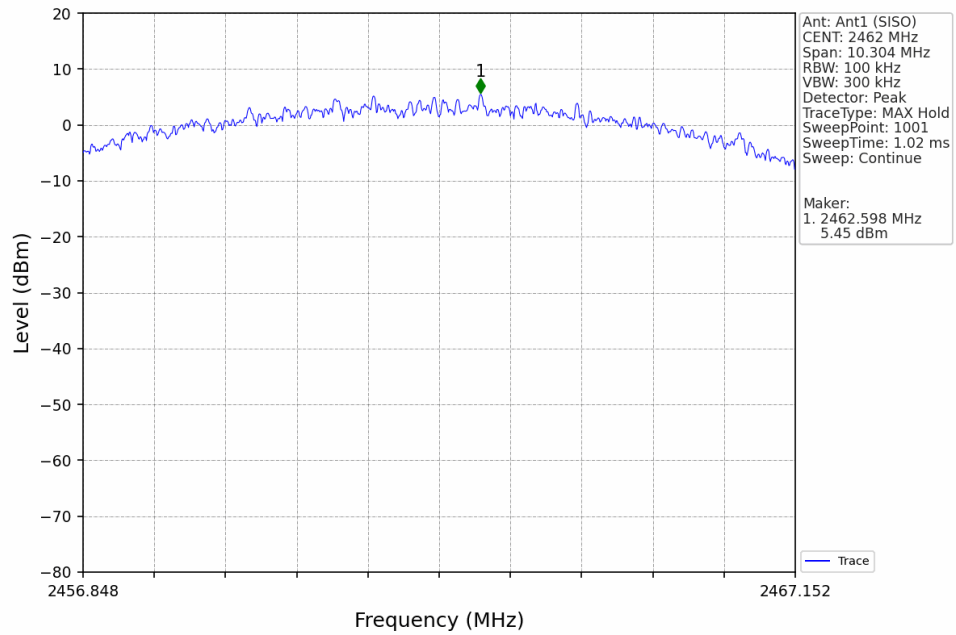
Note1: Refer to FCC Part 15.247 (d) and ANSI C63.10-2013, the channel contains the maximum PSD level was used to establish the reference level.

5.2 Test Graph

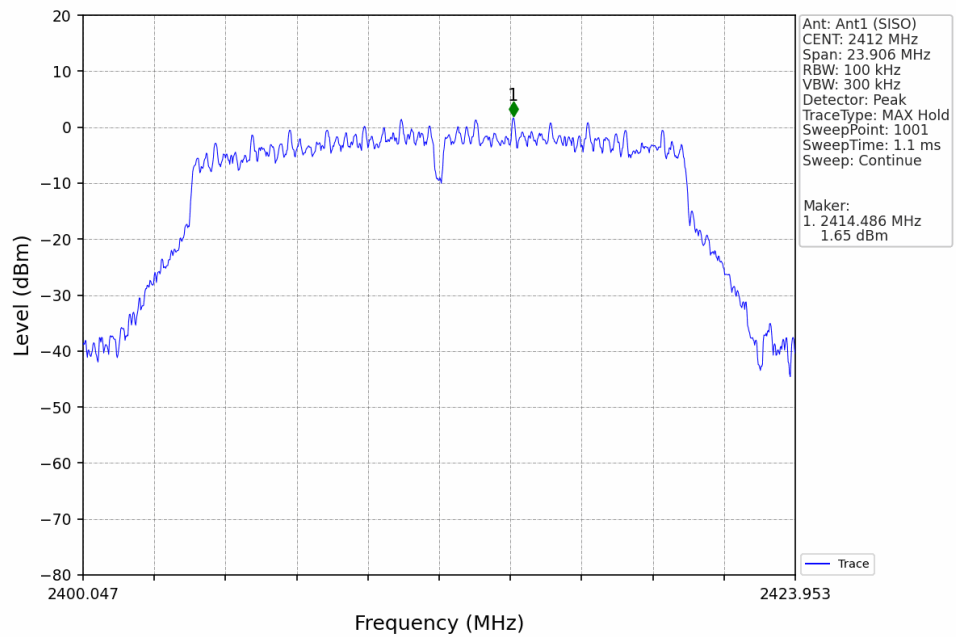
5.2.1 Ref



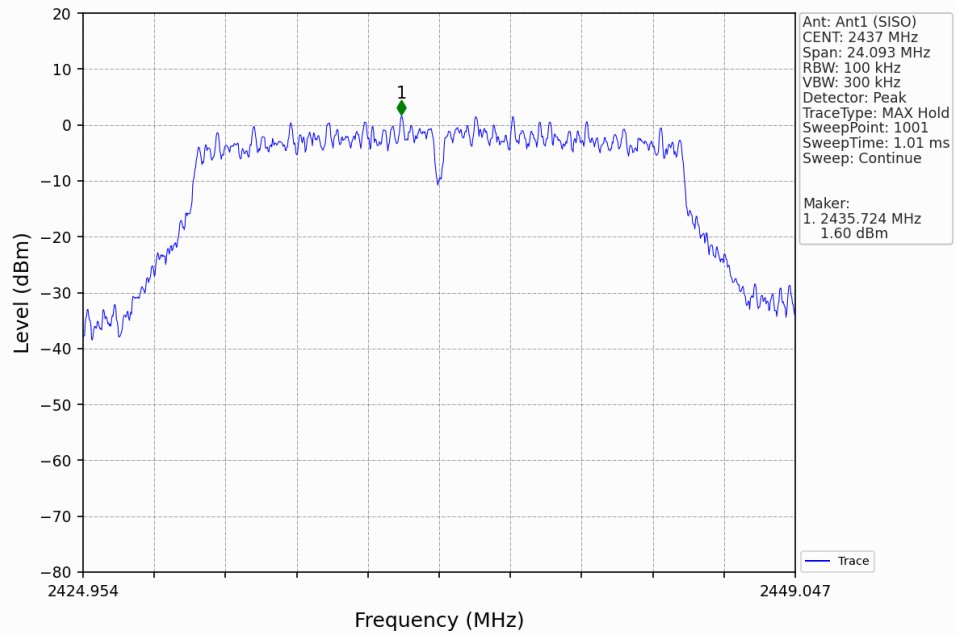
802.11b HCH 2462MHz Ant1 (SISO) NTN



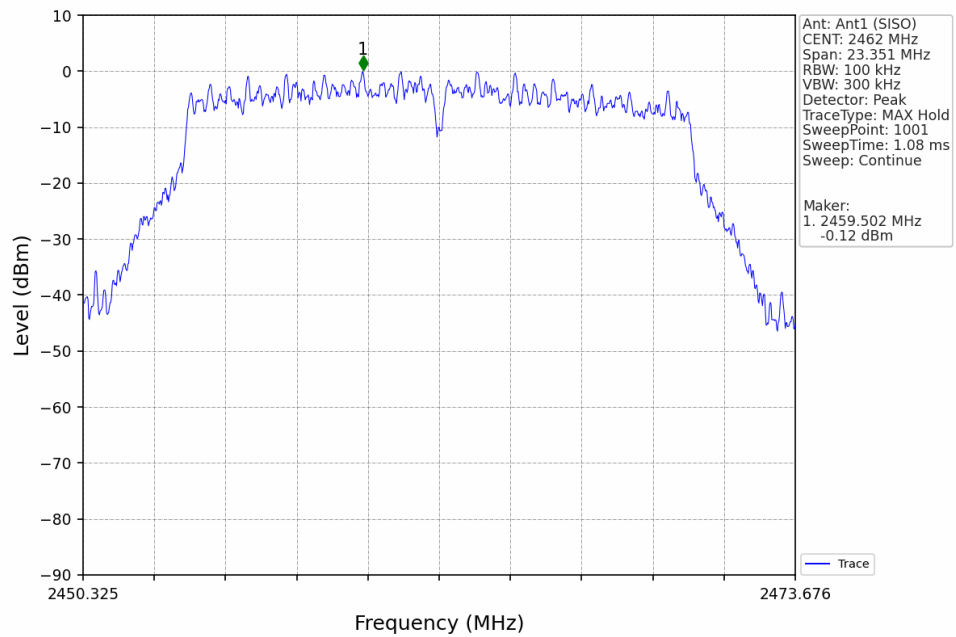
802.11g LCH 2412MHz Ant1 (SISO) NTN



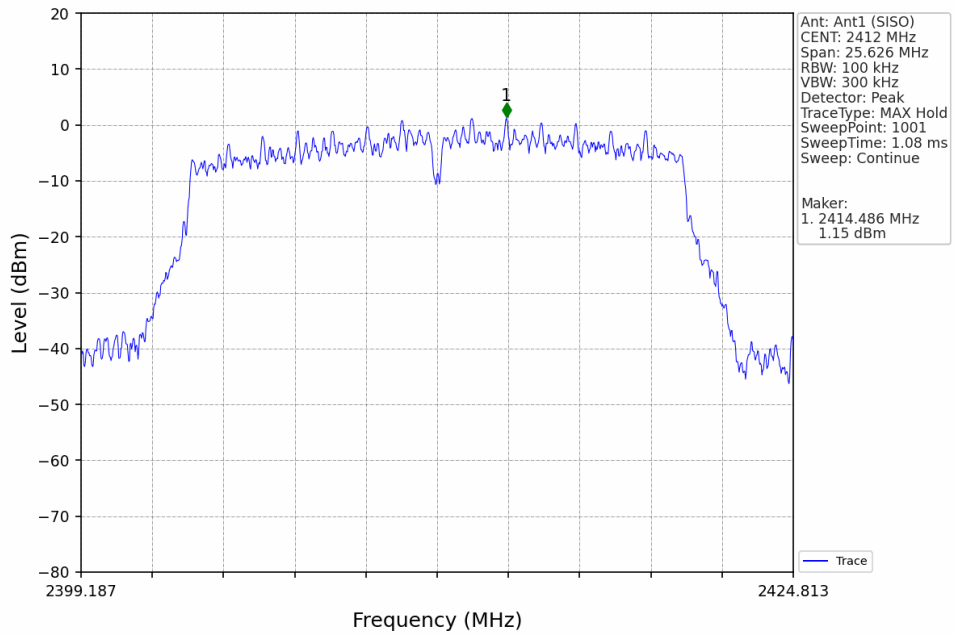
802.11g MCH 2437MHz Ant1 (SISO) NTN



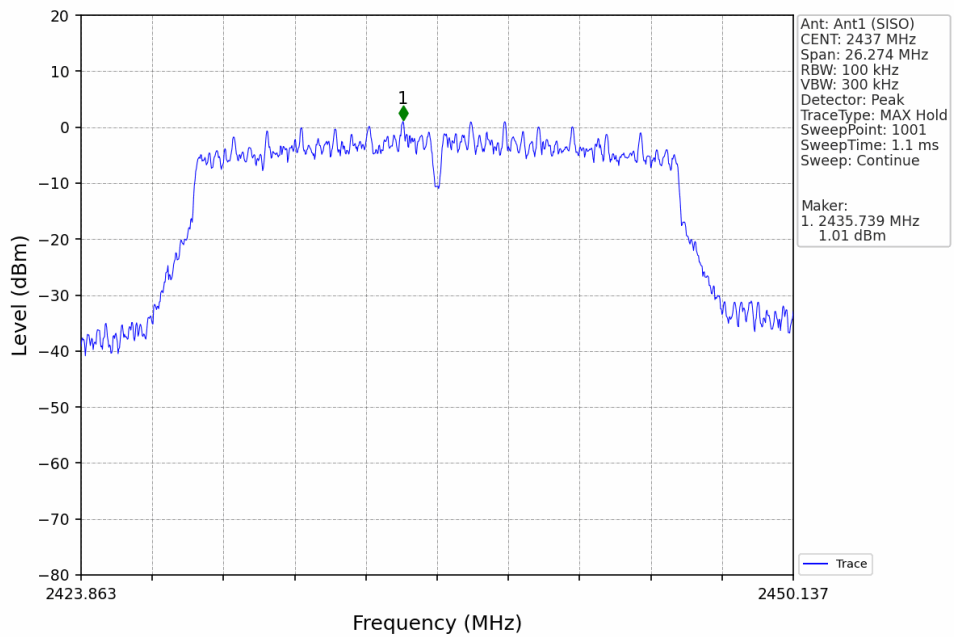
802.11g_HCH_2462MHz_Ant1 (SISO)_NTNV



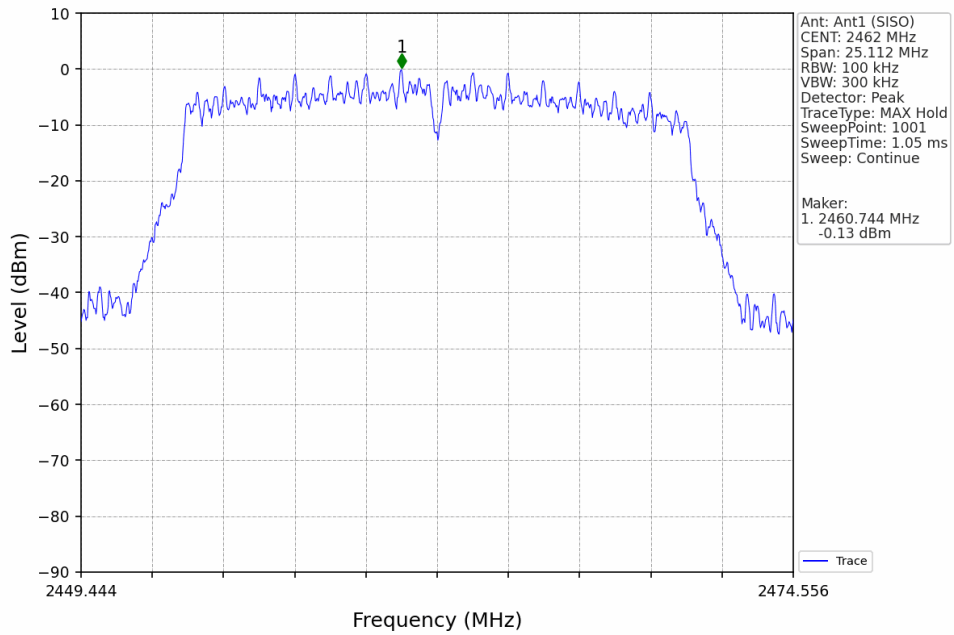
802.11n(HT20) LCH 2412MHz Ant1 (SISO) NTN



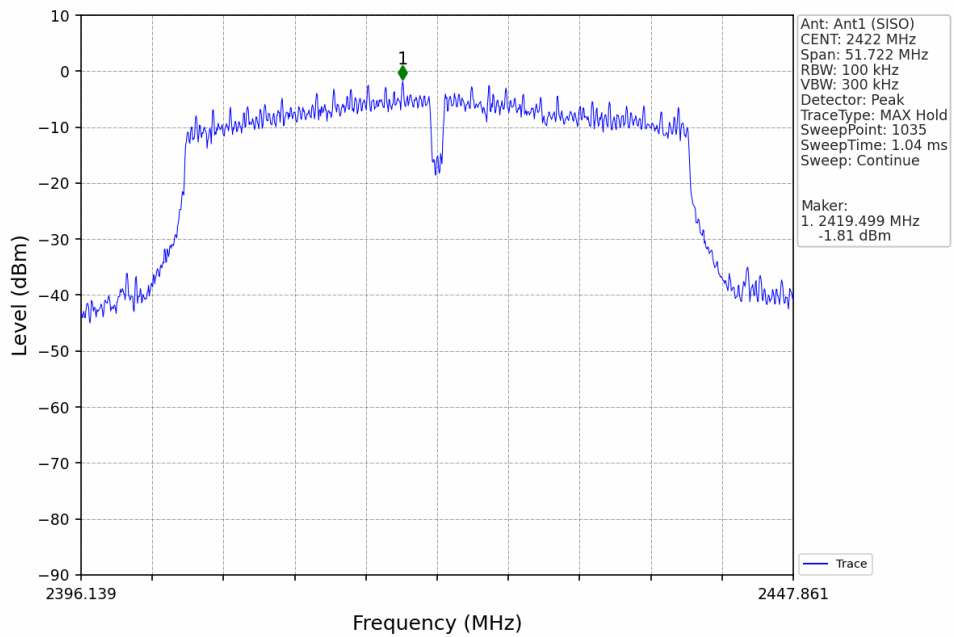
802.11n(HT20) MCH 2437MHz Ant1 (SISO) NTN



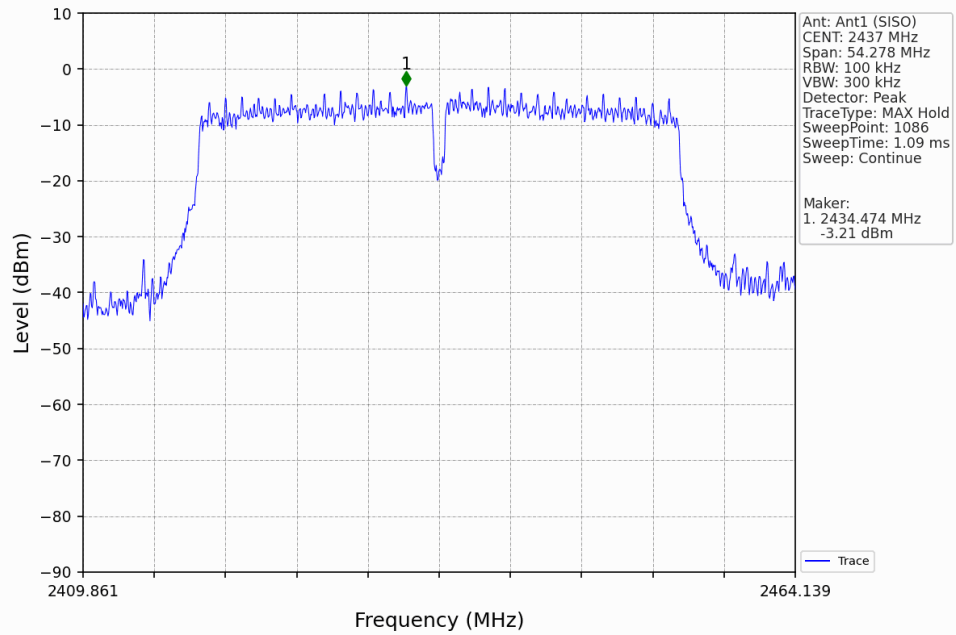
802.11n(HT20) HCH 2462MHz Ant1 (SISO) NTN



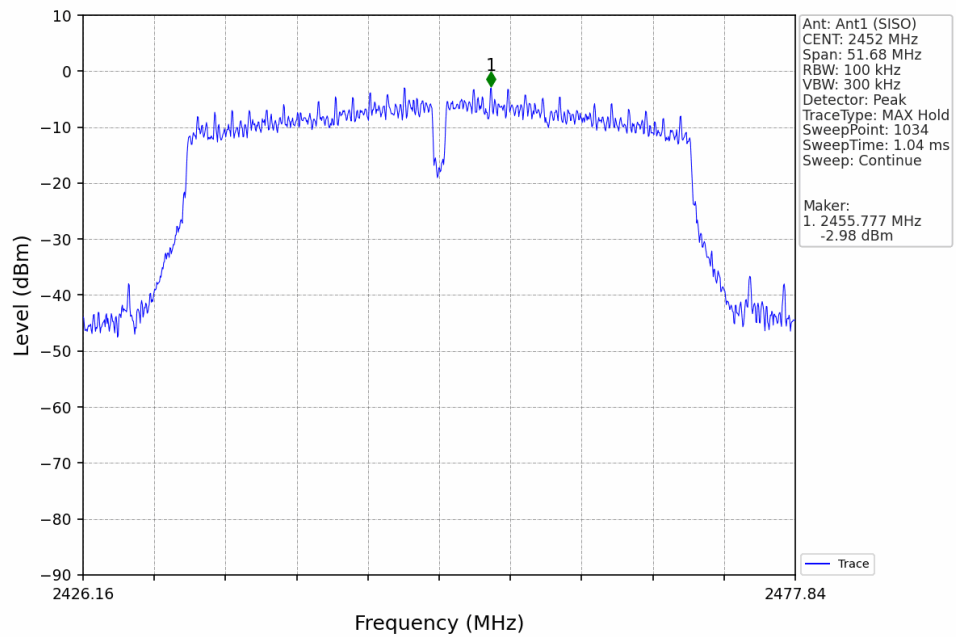
802.11n(HT40) LCH 2422MHz Ant1 (SISO) NTN



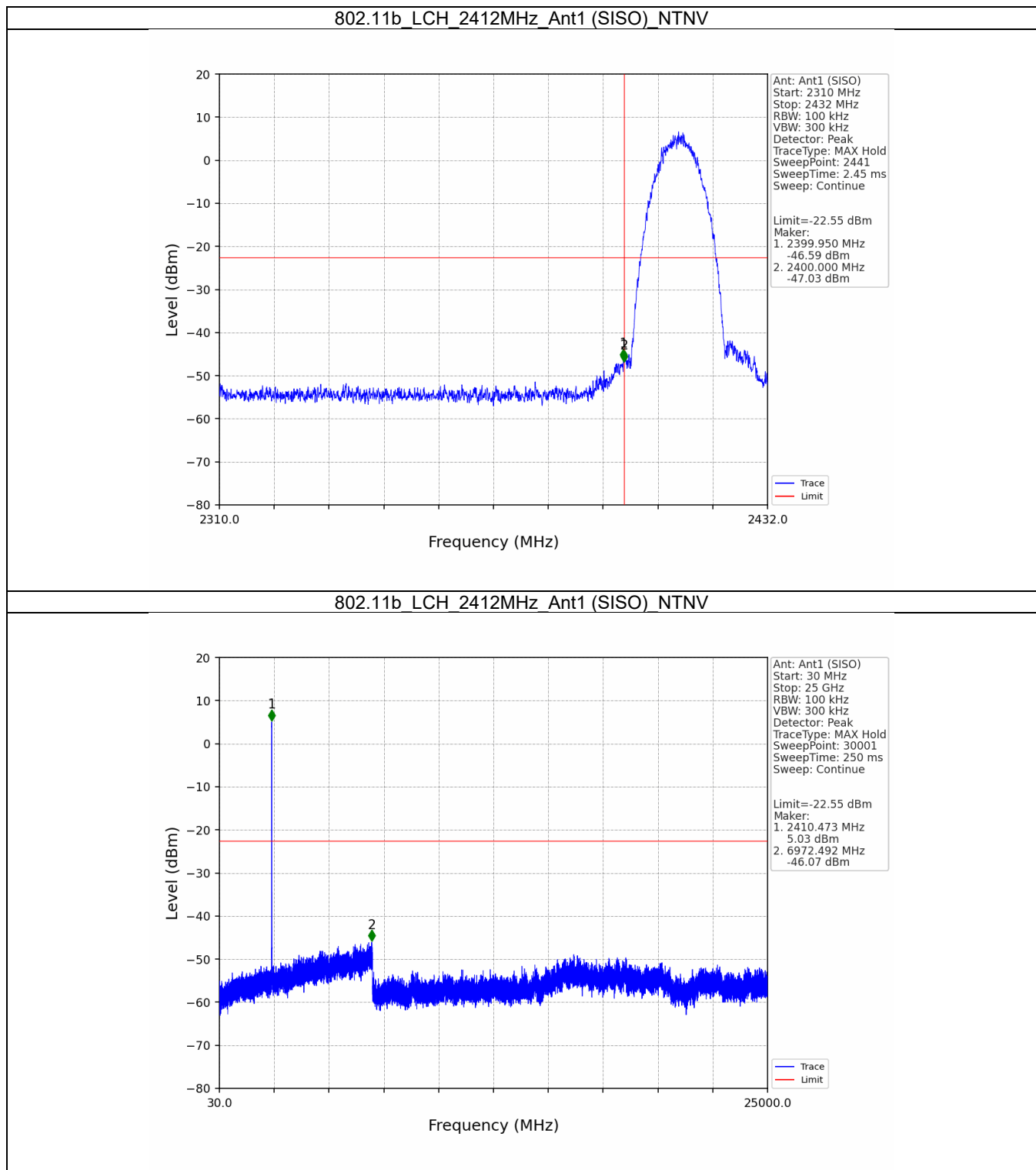
802.11n(HT40) MCH 2437MHz Ant1 (SISO) NTN



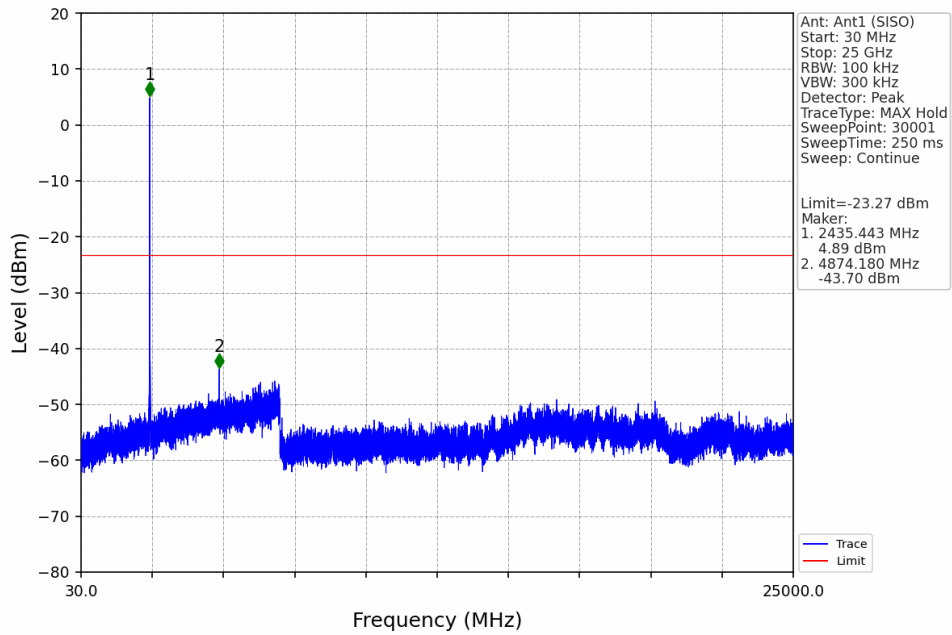
802.11n(HT40) HCH 2452MHz Ant1 (SISO) NTN



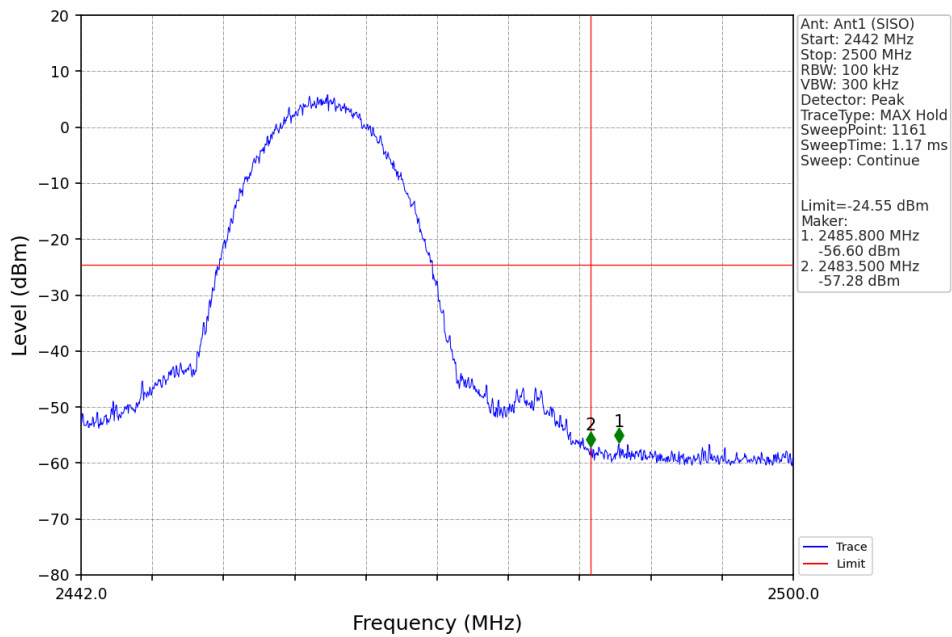
5.2.2 CSE



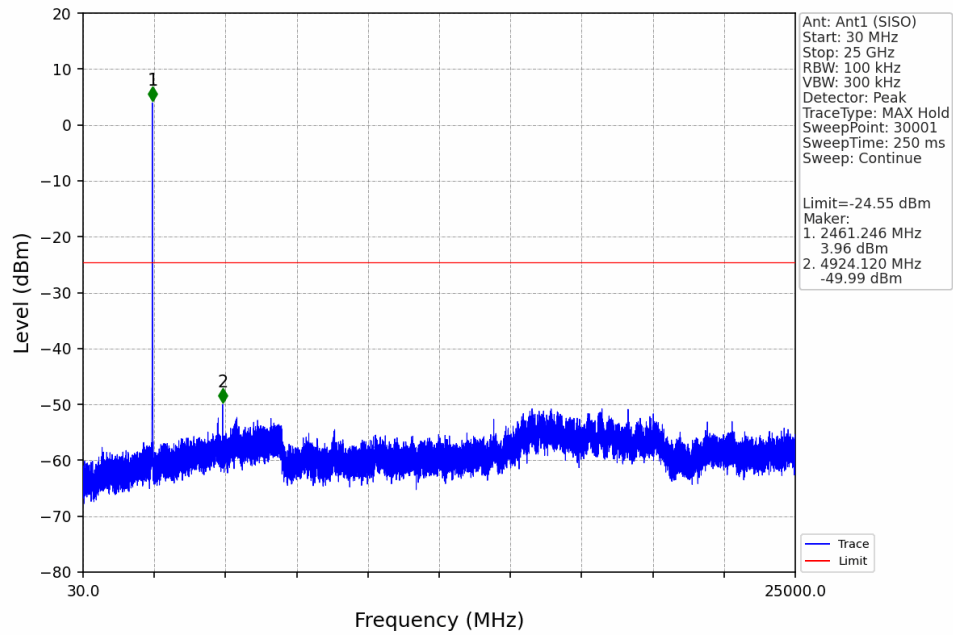
802.11b MCH 2437MHz Ant1 (SISO) NTN



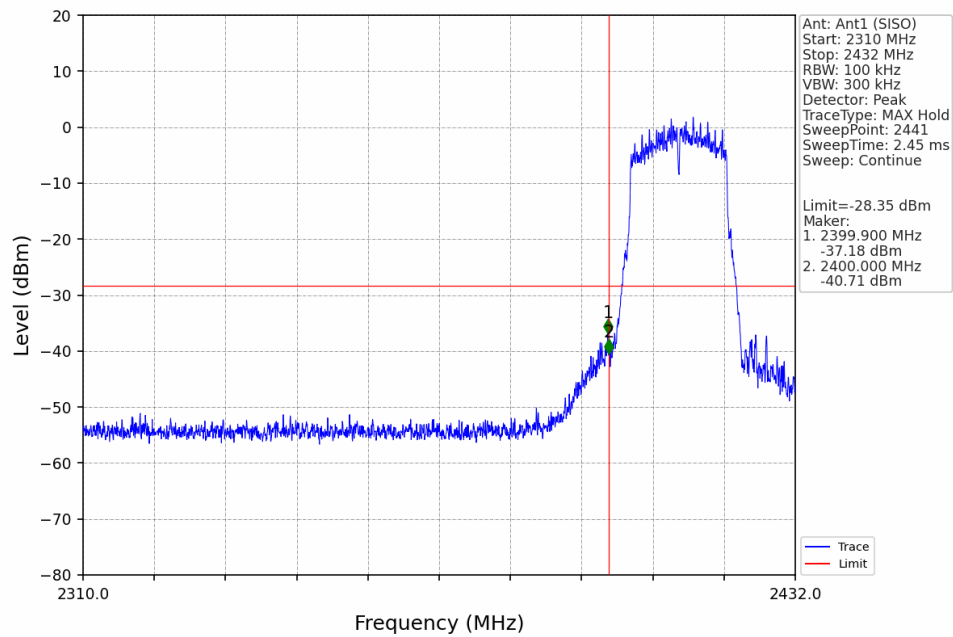
802.11b_HCH_2462MHz_Ant1 (SISO) NTN



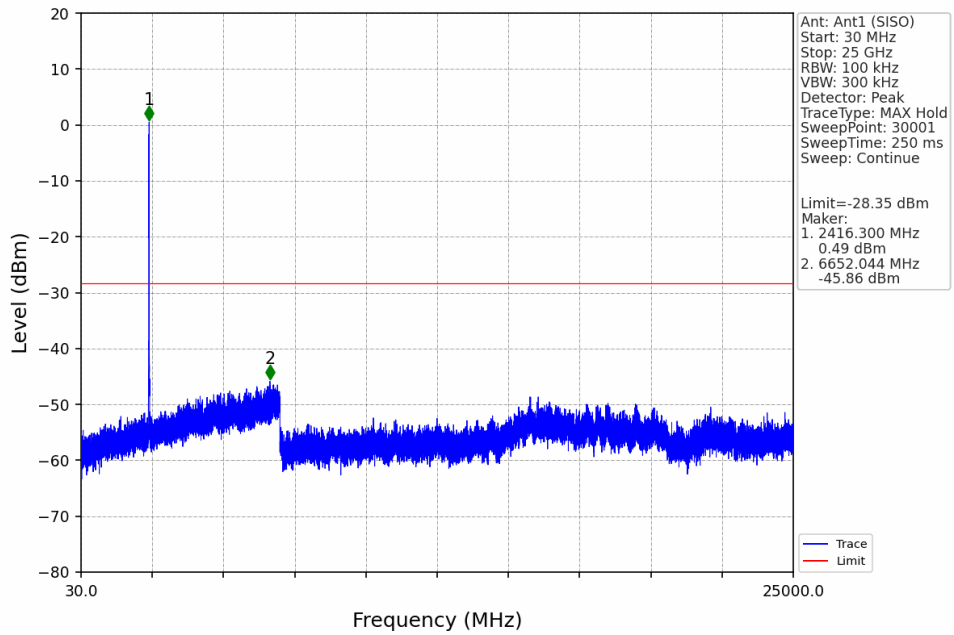
802.11b HCH 2462MHz Ant1 (SISO) NTN



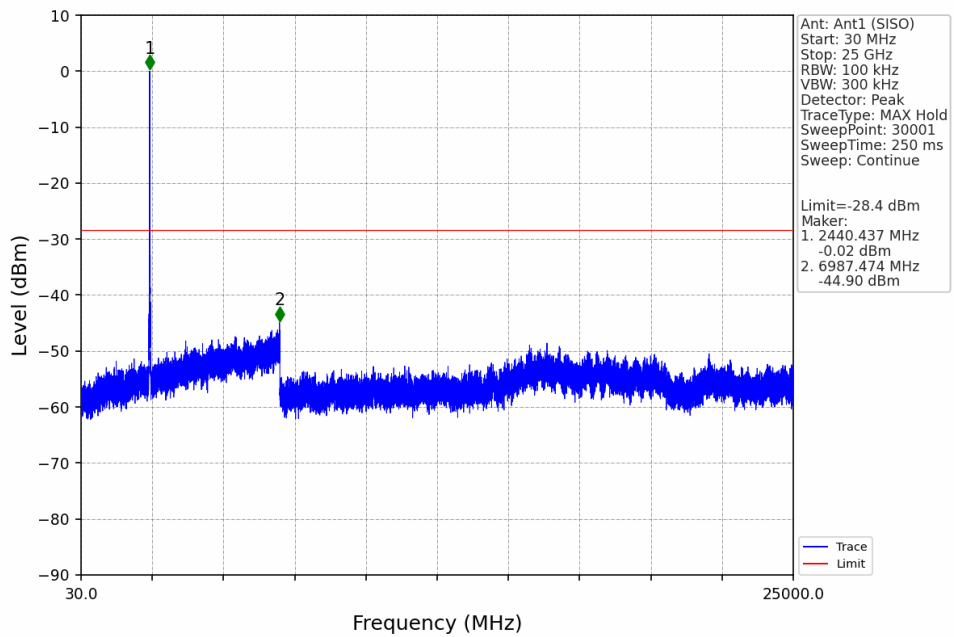
802.11g LCH 2412MHz Ant1 (SISO) NTN



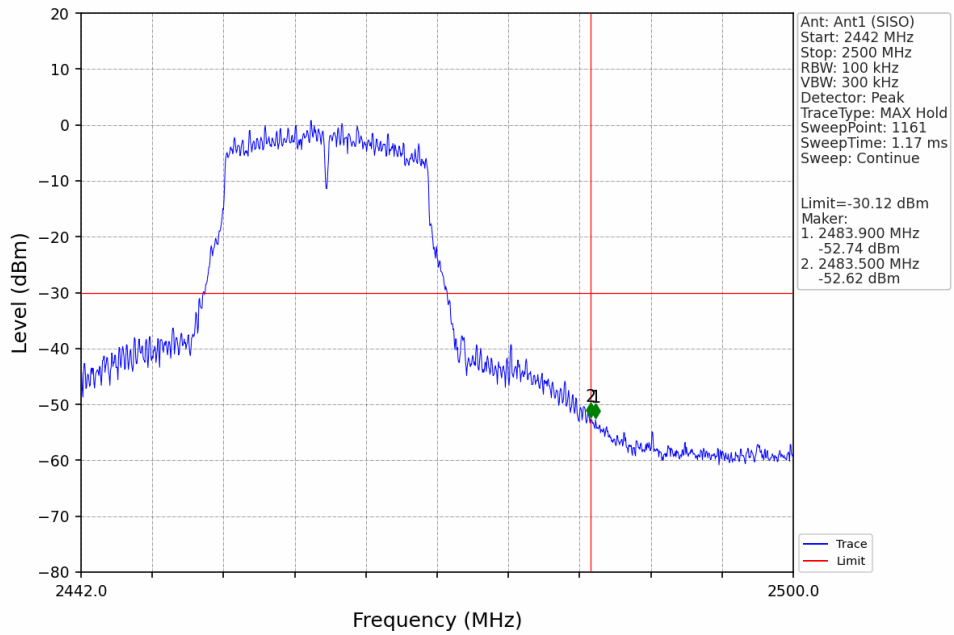
802.11g LCH 2412MHz Ant1 (SISO) NTN



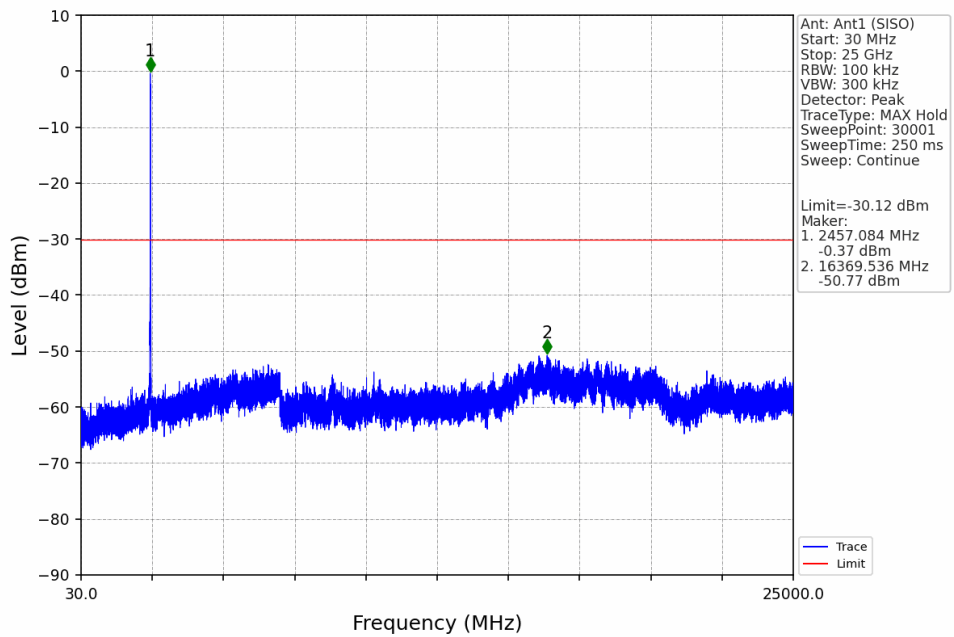
802.11g_MCH_2437MHz_Ant1 (SISO) NTN



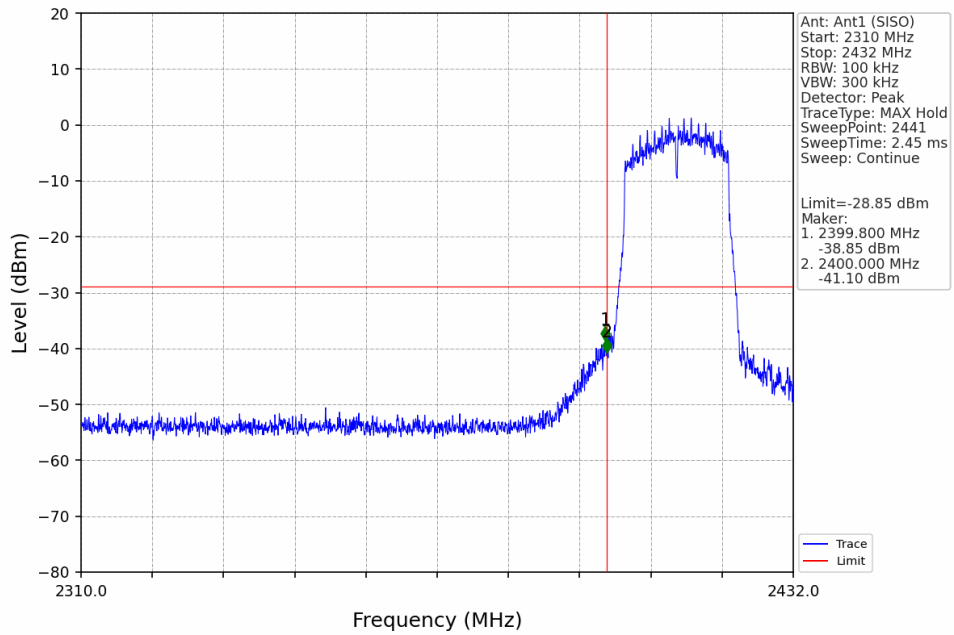
802.11g HCH 2462MHz Ant1 (SISO) NTN



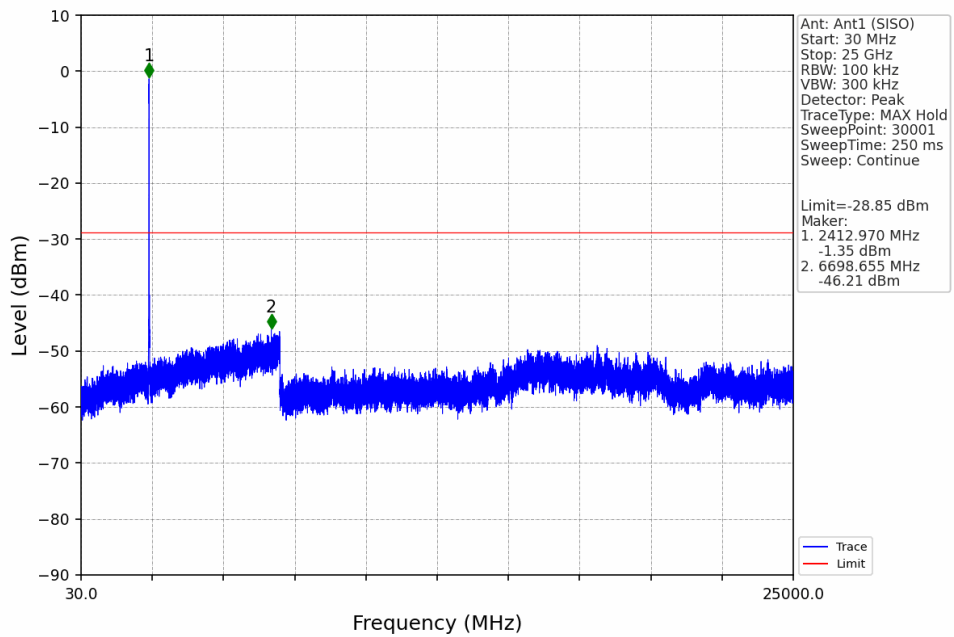
802.11g_HCH_2462MHz_Ant1 (SISO) NTN



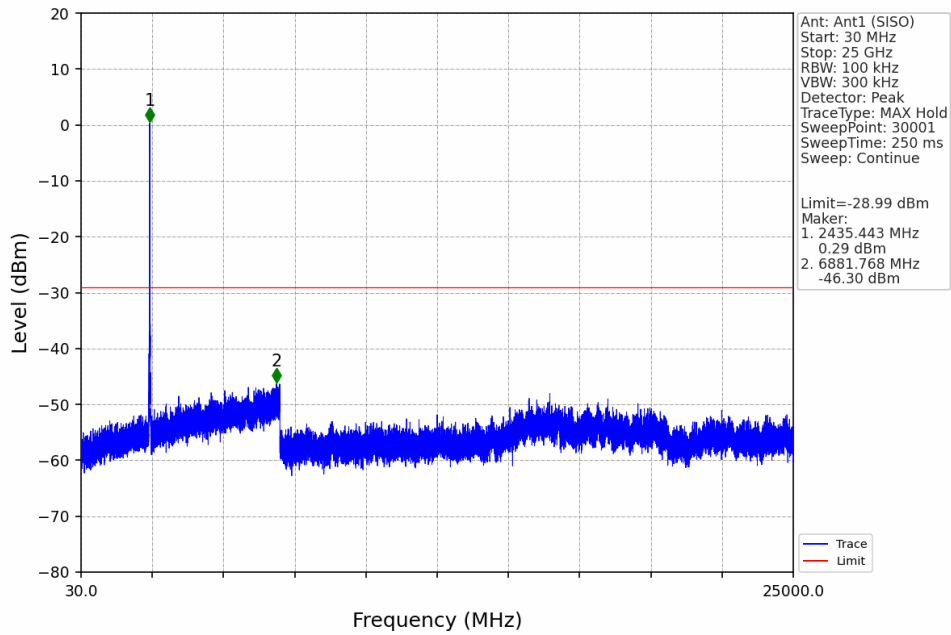
802.11n(HT20)_LCH_2412MHz_Ant1 (SISO)_NTNV



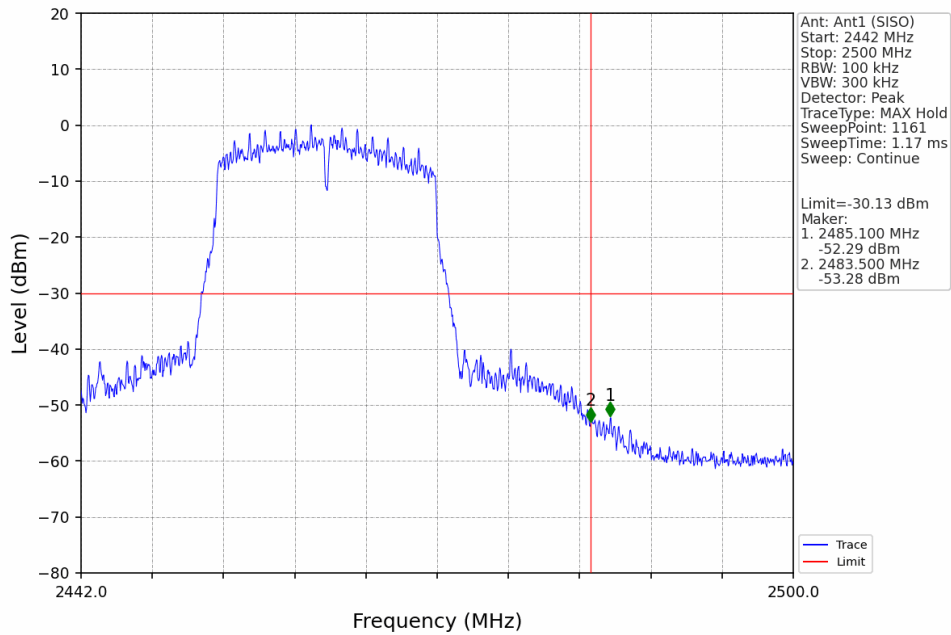
802.11n(HT20)_LCH_2412MHz_Ant1 (SISO)_NTNV



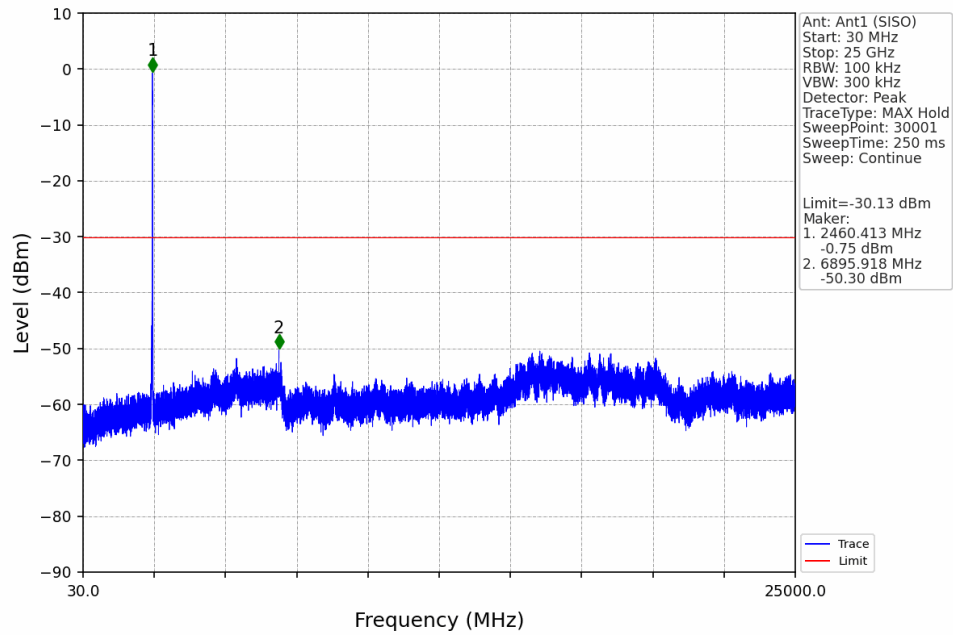
802.11n(HT20) MCH_2437MHz_Ant1 (SISO) NTN



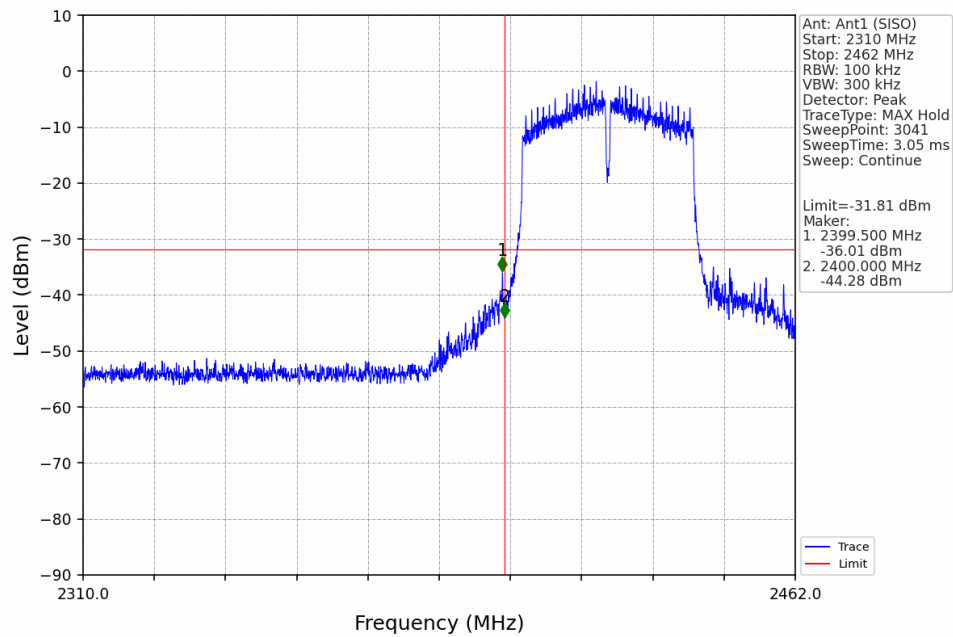
802.11n(HT20)_HCH_2462MHz_Ant1 (SISO) NTN



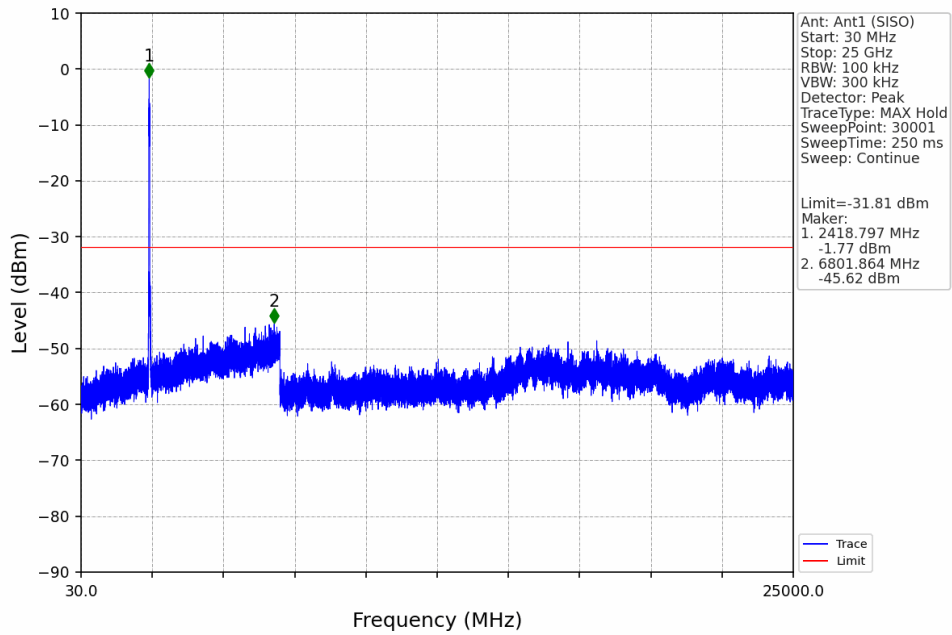
802.11n(HT20) HCH 2462MHz Ant1 (SISO) NTNV



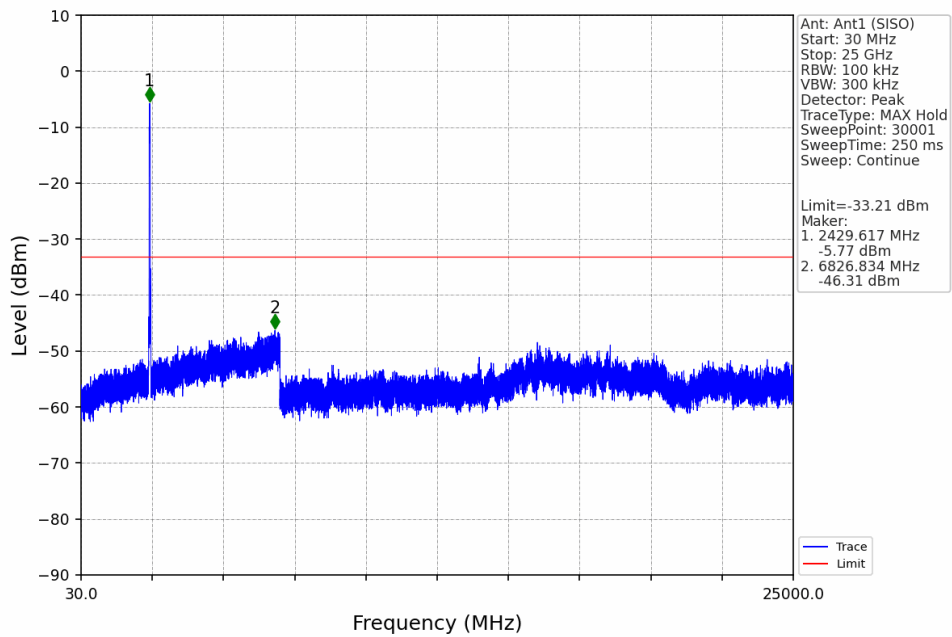
802.11n(HT40) LCH 2422MHz Ant1 (SISO) NTNV



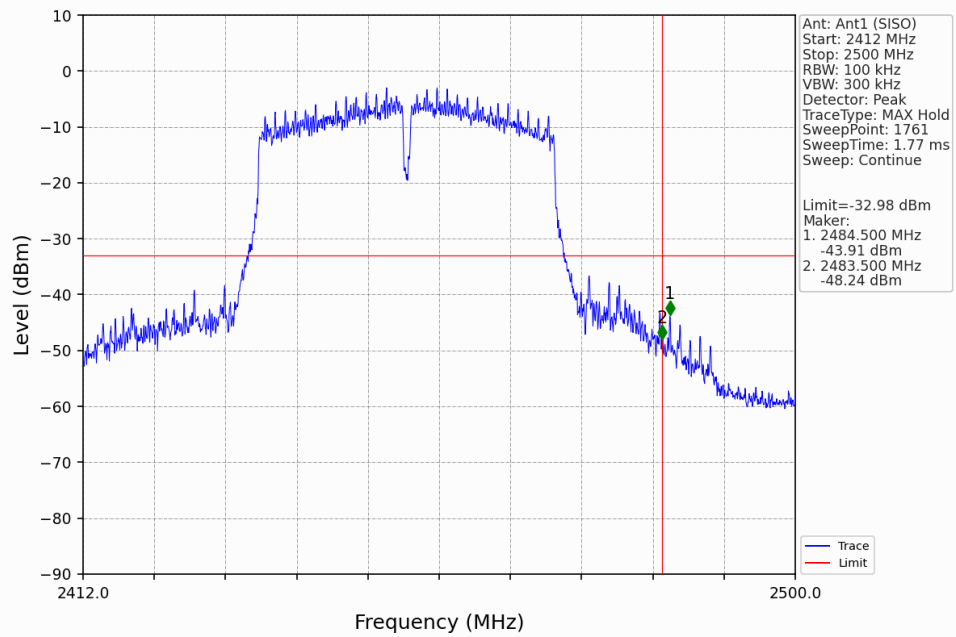
802.11n(HT40) LCH 2422MHz Ant1 (SISO) NTN



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



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



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

