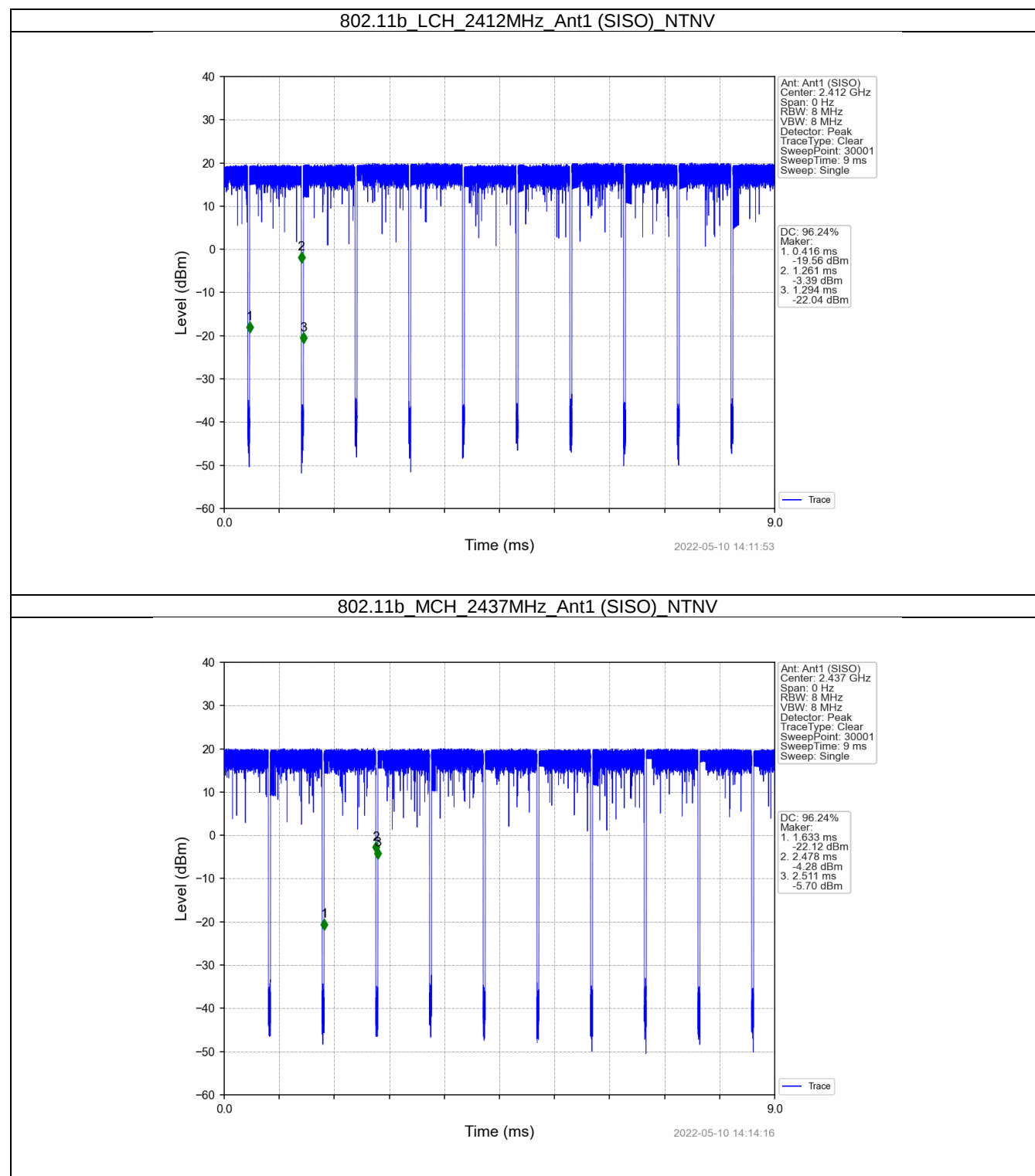


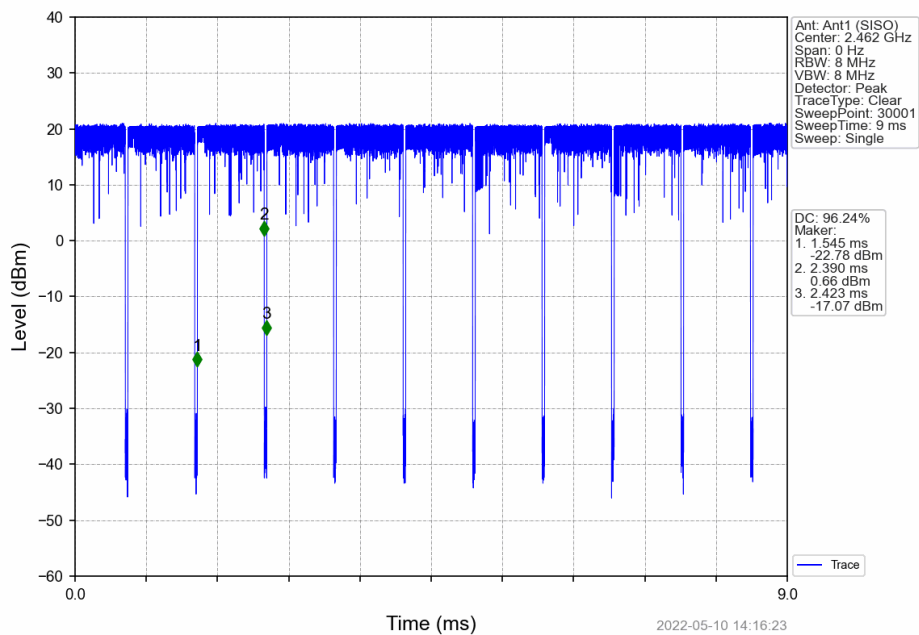
Appendix for 15.247**Product Name: TT1001 10.1 inch Tablet****Test Model: TT1001V3****1. Duty Cycle****1.1 Ant1****1.1.1 Test Result**

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	0.845	0.878	96.24	0.17	0.07
		2437	0.844	0.877	96.24	0.17	0.07
		2462	0.845	0.878	96.24	0.17	0.03
802.11g	SISO	2412	0.177	0.216	81.94	0.86	0.12
		2437	0.178	0.215	82.79	0.82	0.21
		2462	0.177	0.216	81.94	0.86	0.12
802.11n (HT20)	SISO	2412	95.323	95.820	99.48	0.02	0.00
		2437	0.165	0.204	80.88	0.92	0.18
		2462	0.167	0.205	81.46	0.89	0.20

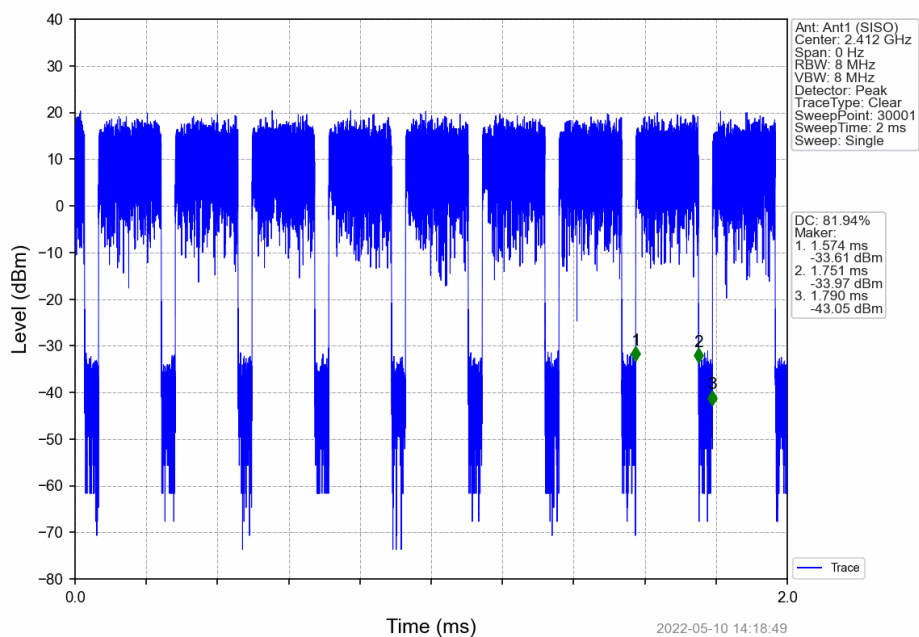
1.1.2 Test Graph



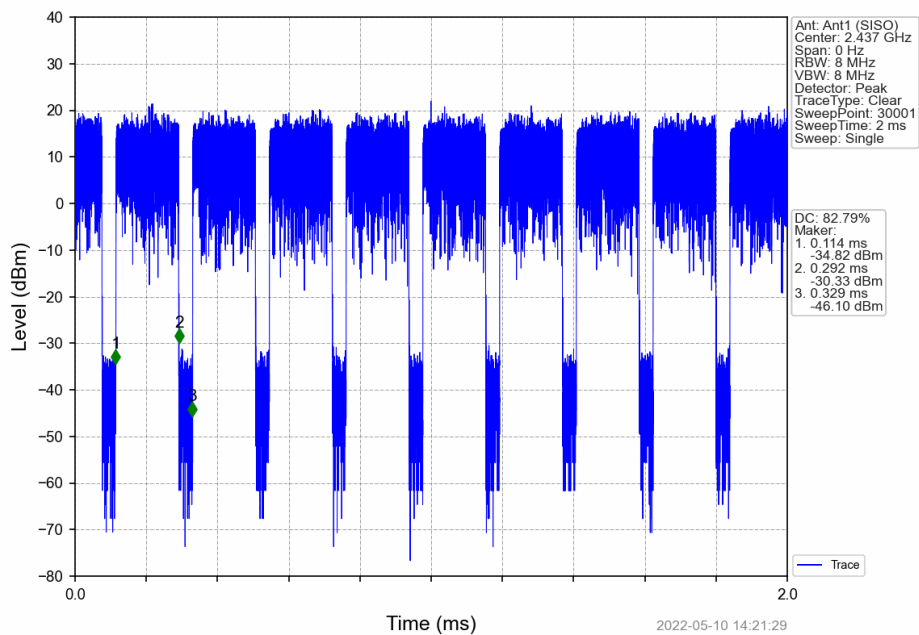
802.11b HCH 2462MHz Ant1 (SISO) NTN



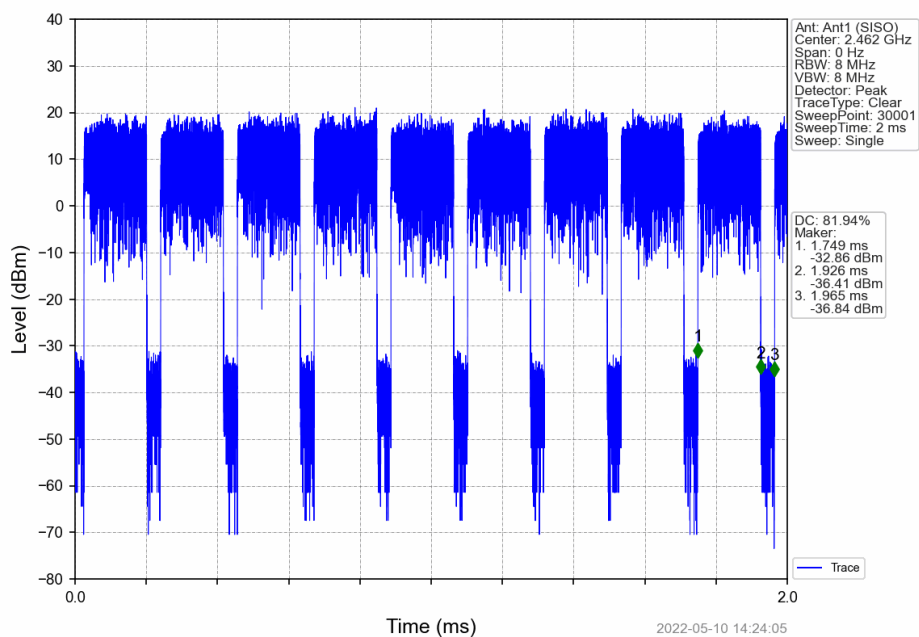
802.11g LCH 2412MHz Ant1 (SISO) NTN



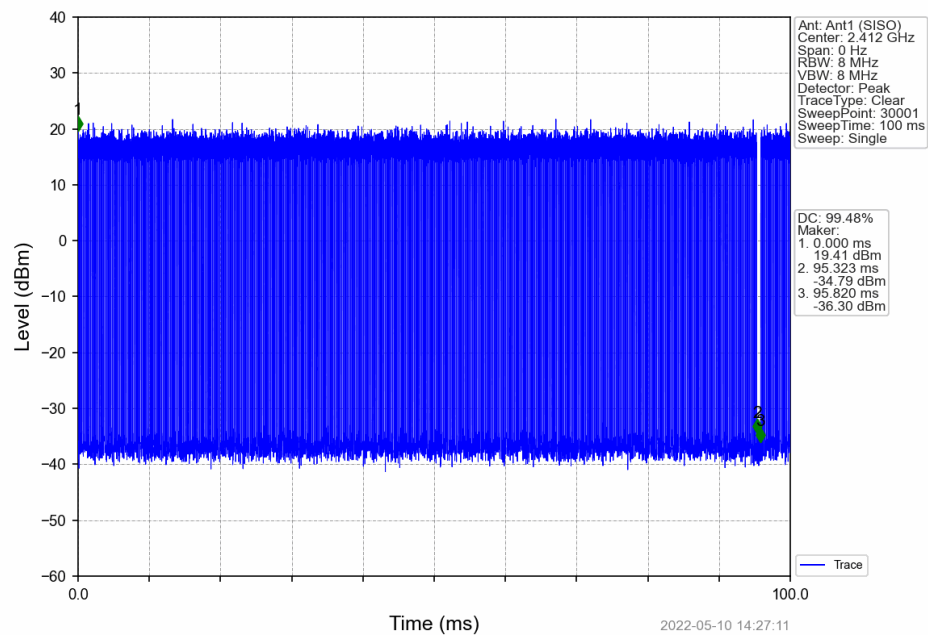
802.11g_MCH_2437MHz_Ant1 (SISO) NTN



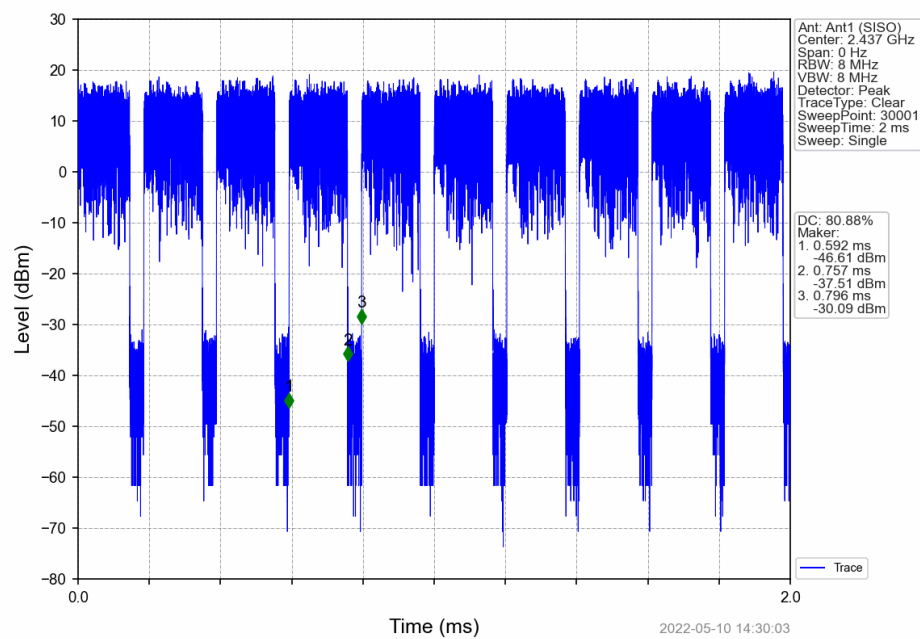
802.11g_HCH_2462MHz_Ant1 (SISO) NTN

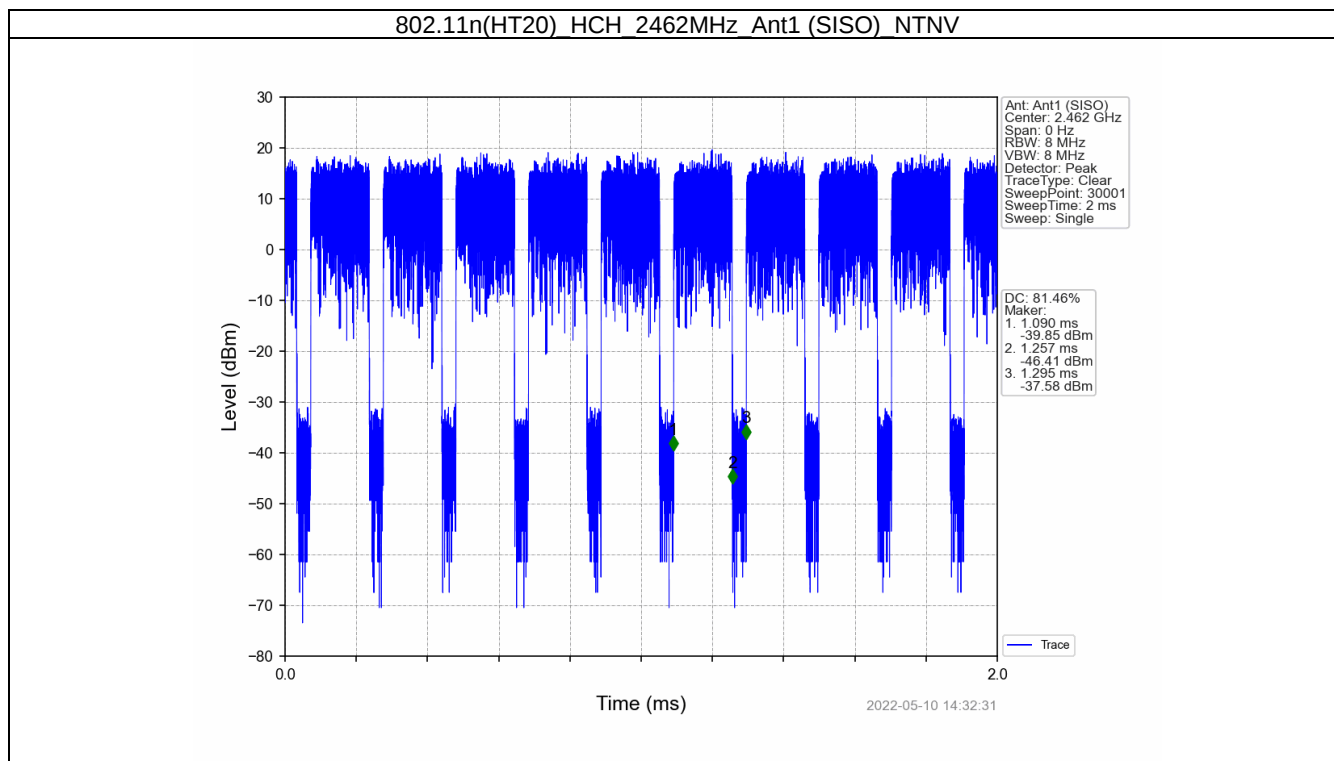


802.11n(HT20) LCH 2412MHz Ant1 (SISO) NTN



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





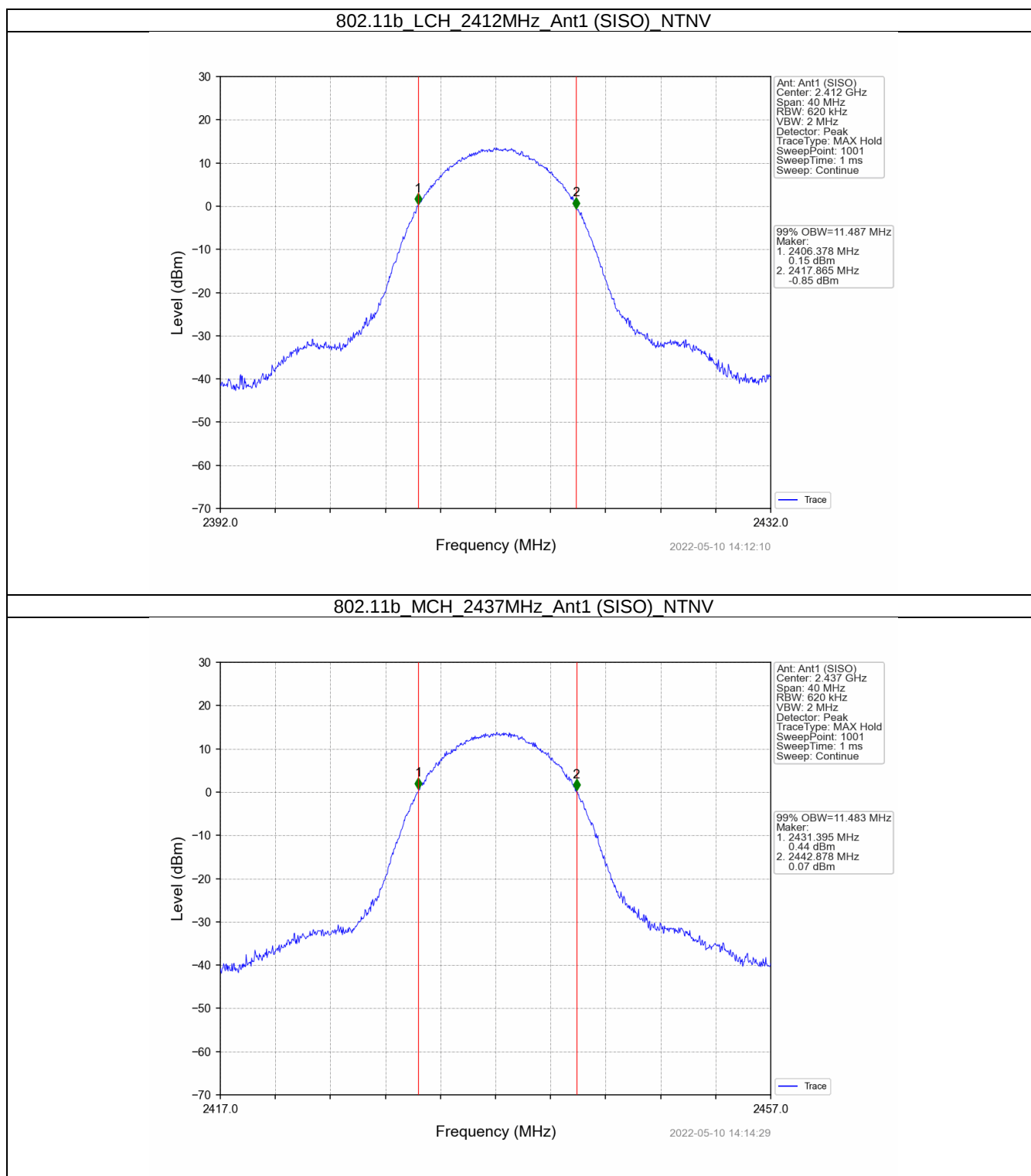
2. Bandwidth

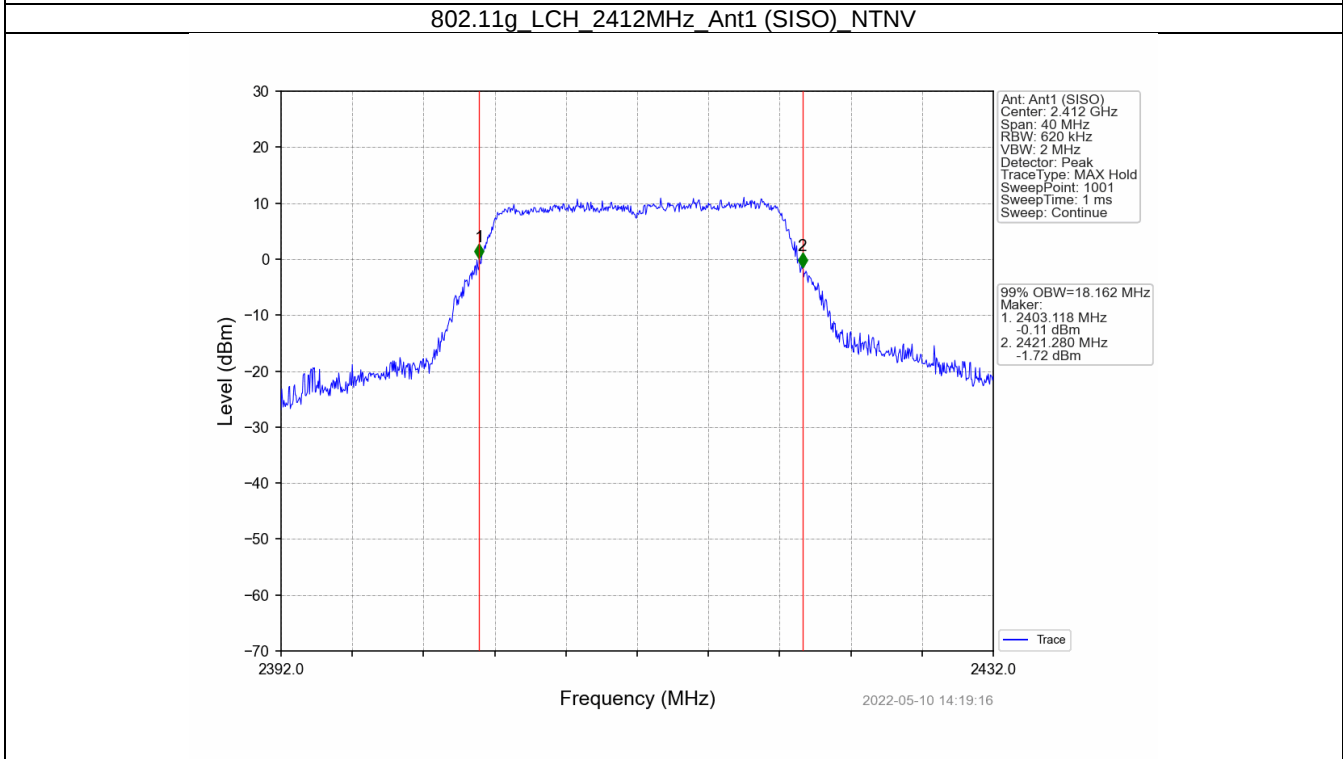
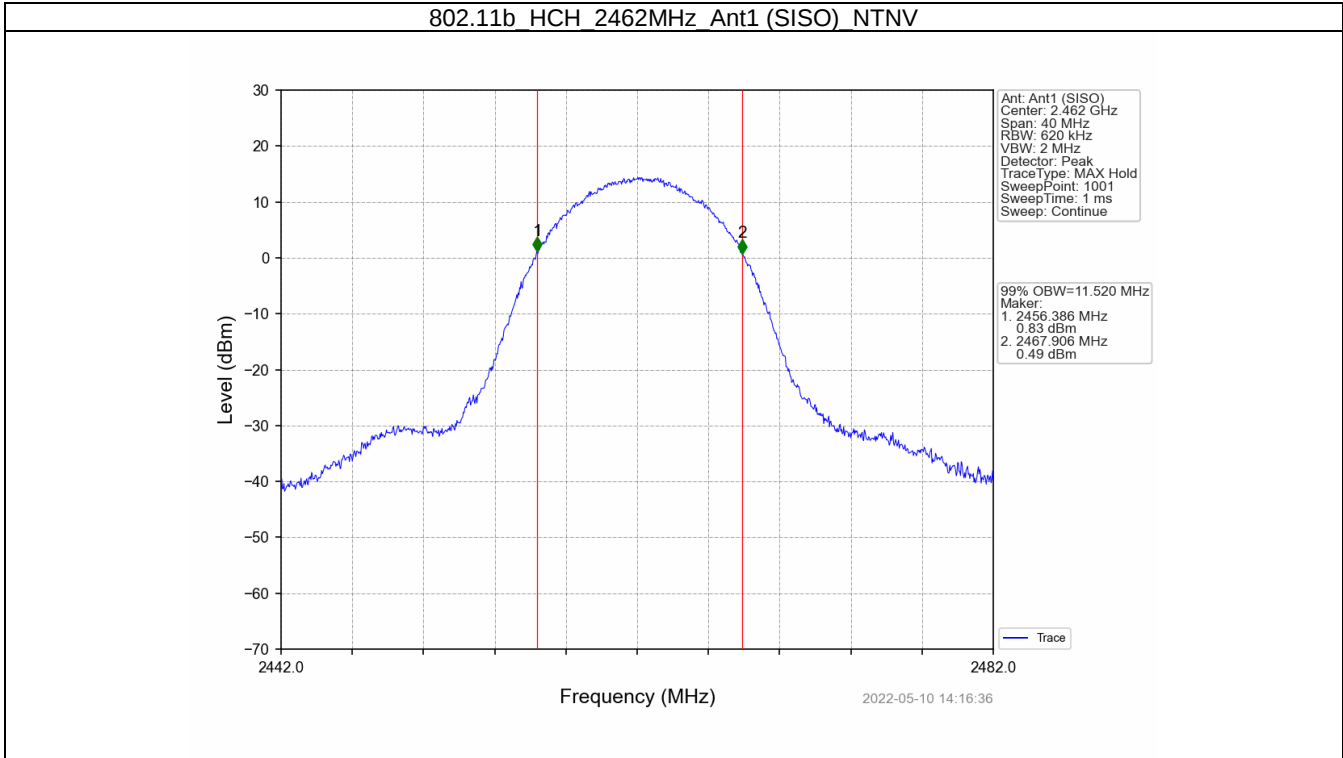
2.1 OBW

2.1.1 Test Result

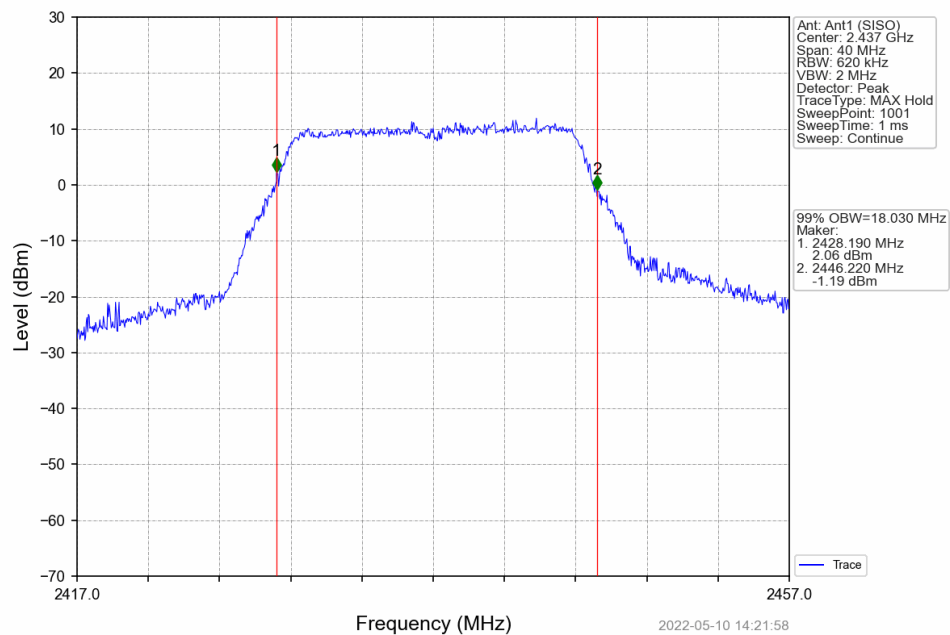
Mode	TX Type	Frequency (MHz)	ANT	99% Occupied Bandwidth (MHz)	Verdict
				Result	
802.11b	SISO	2412	1	11.487	Pass
		2437	1	11.483	Pass
		2462	1	11.520	Pass
802.11g	SISO	2412	1	18.162	Pass
		2437	1	18.030	Pass
		2462	1	18.093	Pass
802.11n (HT20)	SISO	2412	1	18.764	Pass
		2437	1	18.702	Pass
		2462	1	18.715	Pass

2.1.1.2 Test Graph

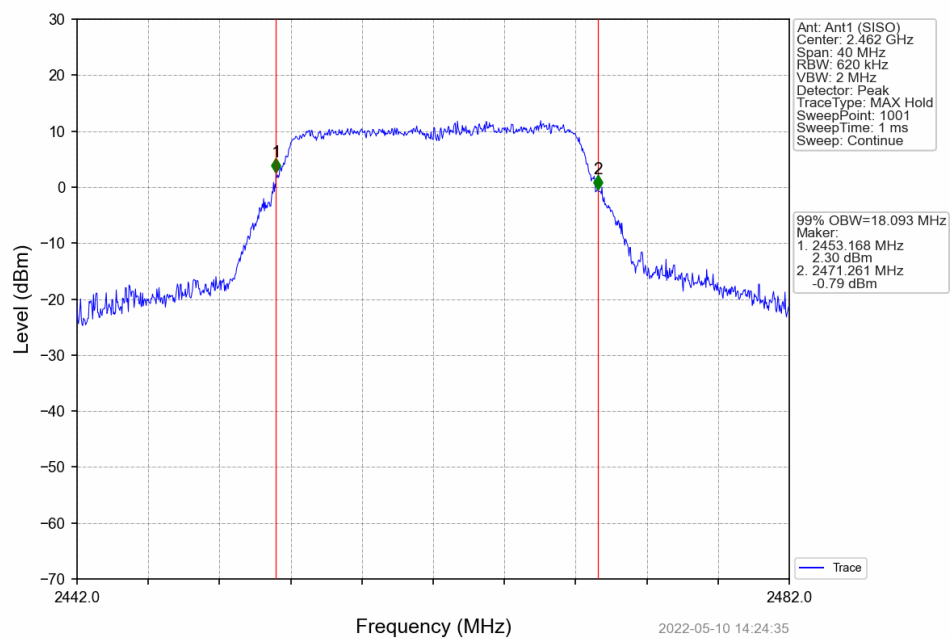




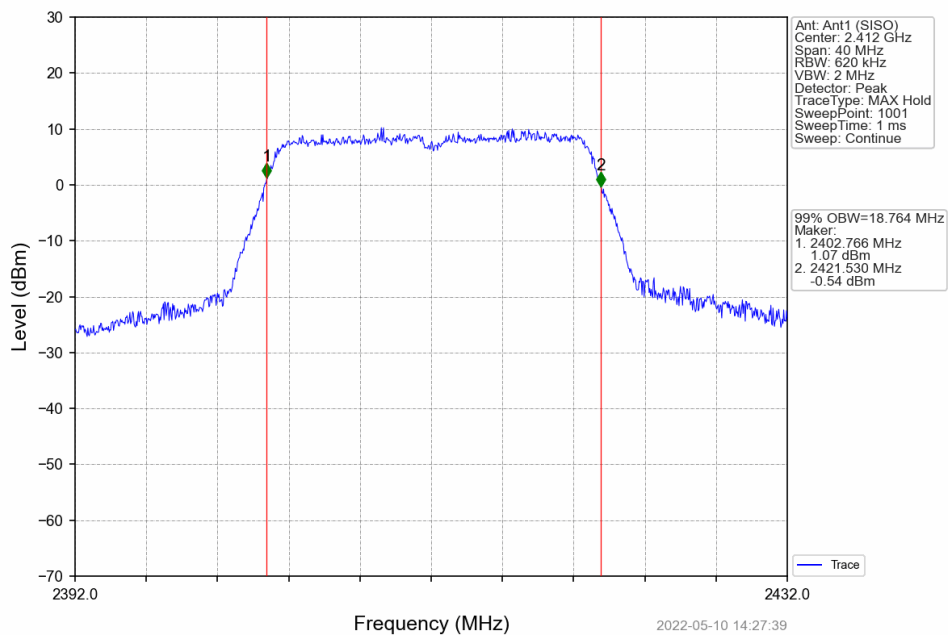
802.11g MCH 2437MHz Ant1 (SISO) NTN



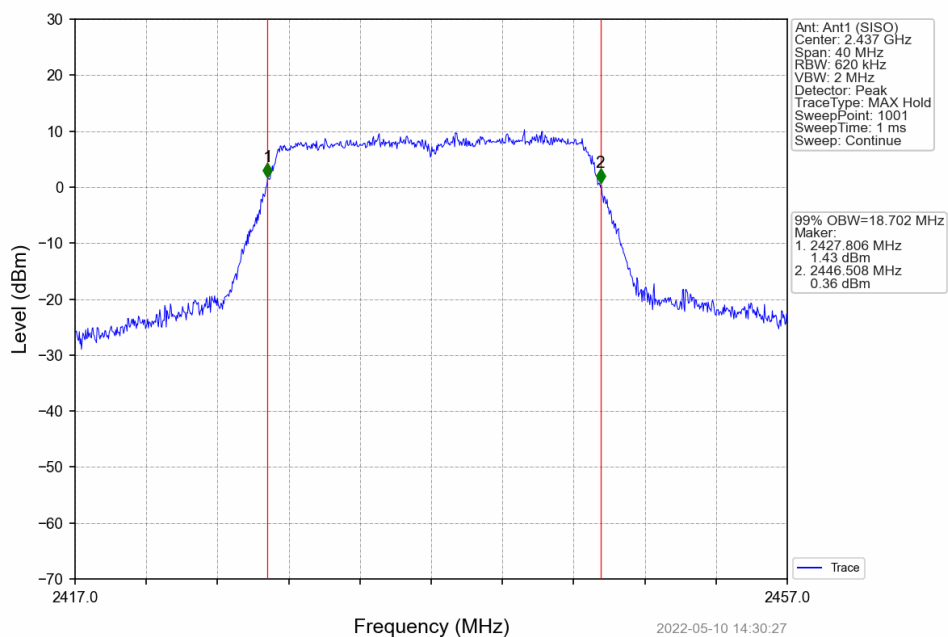
802.11g_HCH_2462MHz_Ant1 (SISO) NTN

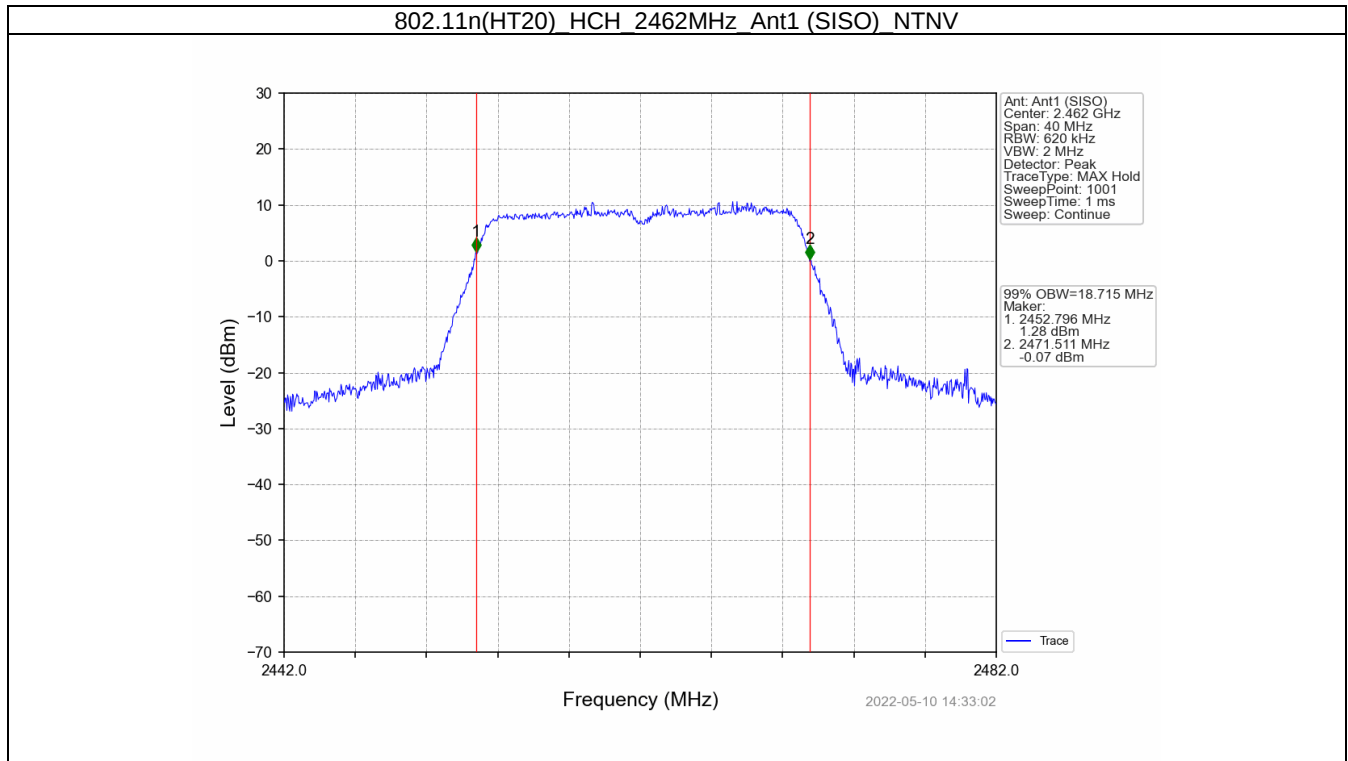


802.11n(HT20) LCH_2412MHz_Ant1 (SISO)_NTNV



802.11n(HT20)_MCH_2437MHz_Ant1 (SISO)_NTNV



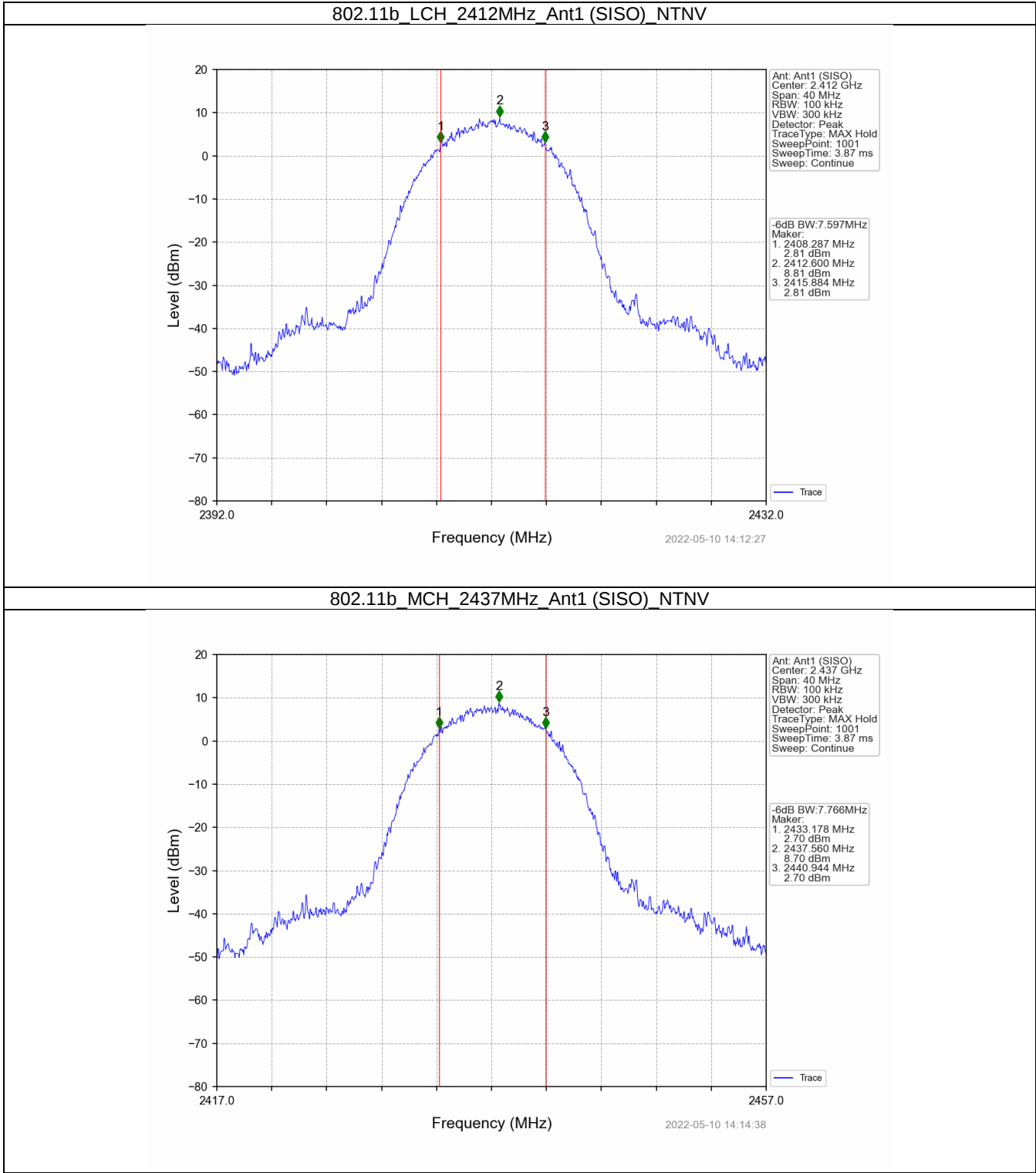


2.2 6dB BW

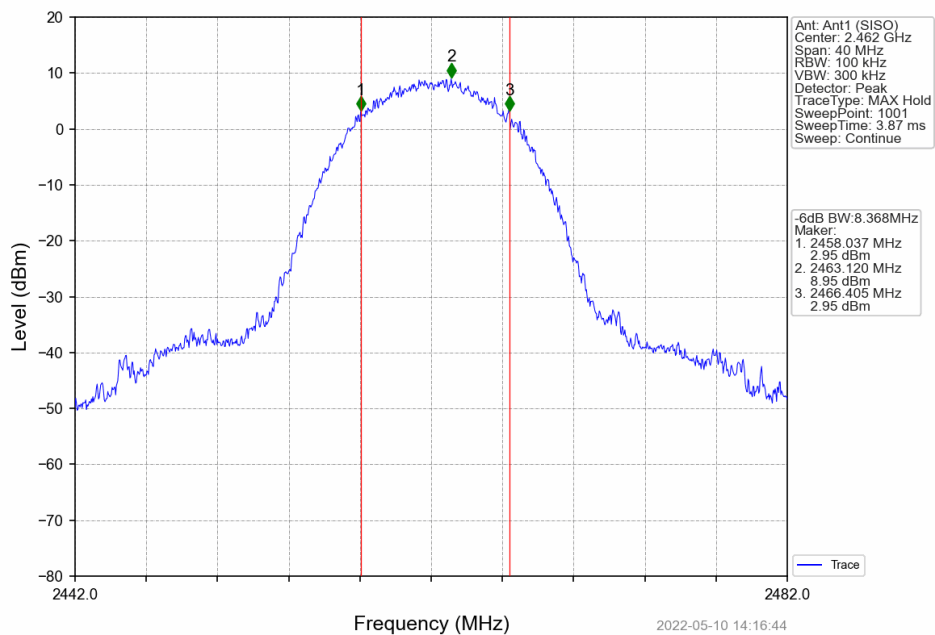
2.2.1 Test Result

Mode	TX Type	Frequency (MHz)	ANT	6dB Bandwidth (MHz)		Verdict
				Result	Limit	
802.11b	SISO	2412	1	7.597	≥ 0.5	Pass
		2437	1	7.766	≥ 0.5	Pass
		2462	1	8.368	≥ 0.5	Pass
802.11g	SISO	2412	1	16.541	≥ 0.5	Pass
		2437	1	16.549	≥ 0.5	Pass
		2462	1	16.538	≥ 0.5	Pass
802.11n (HT20)	SISO	2412	1	17.800	≥ 0.5	Pass
		2437	1	17.808	≥ 0.5	Pass
		2462	1	17.812	≥ 0.5	Pass

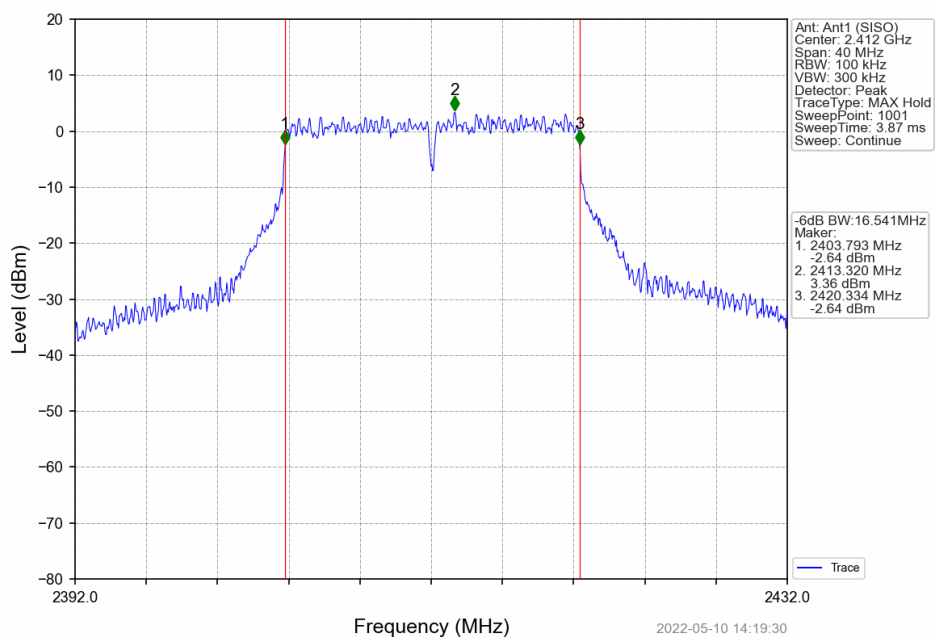
2.2.2 Test Graph



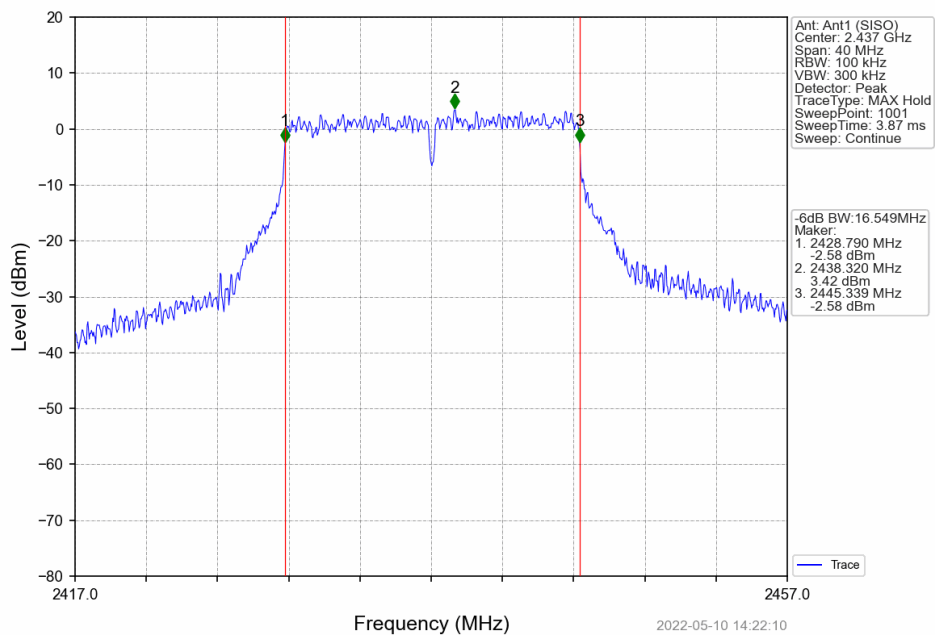
802.11b HCH 2462MHz Ant1 (SISO) NTN



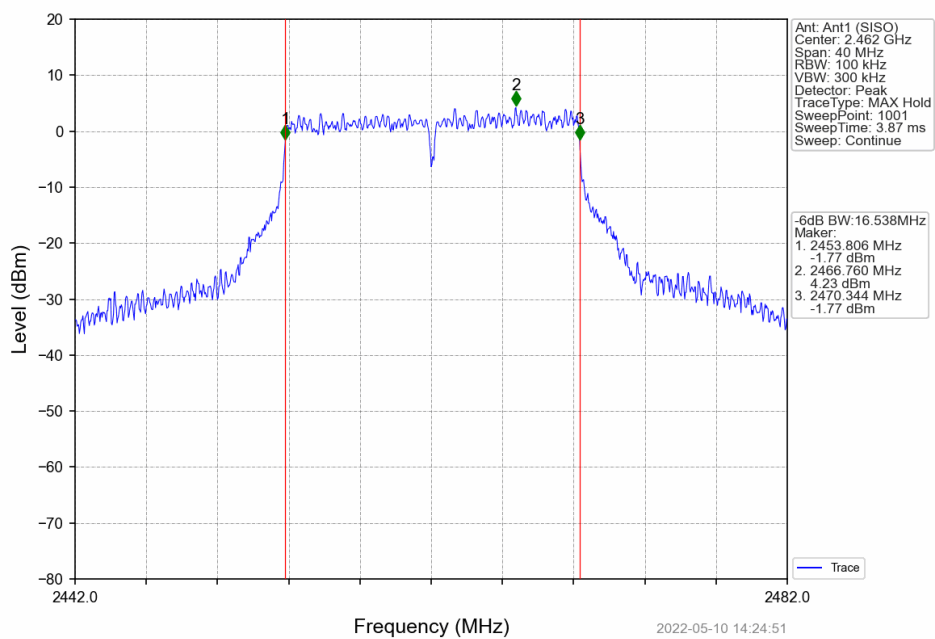
802.11g LCH 2412MHz Ant1 (SISO) NTN



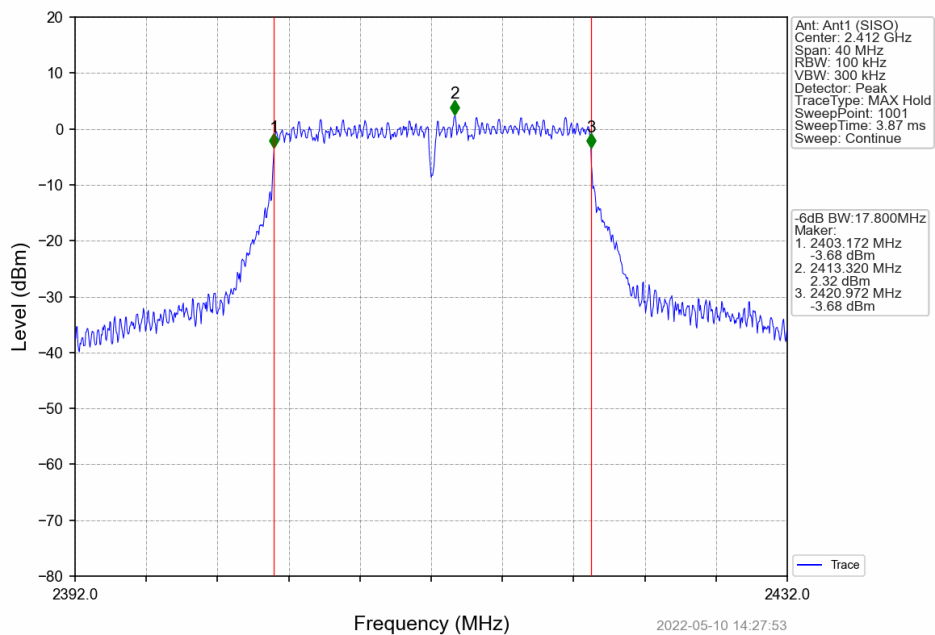
802.11g MCH 2437MHz Ant1 (SISO) NTN



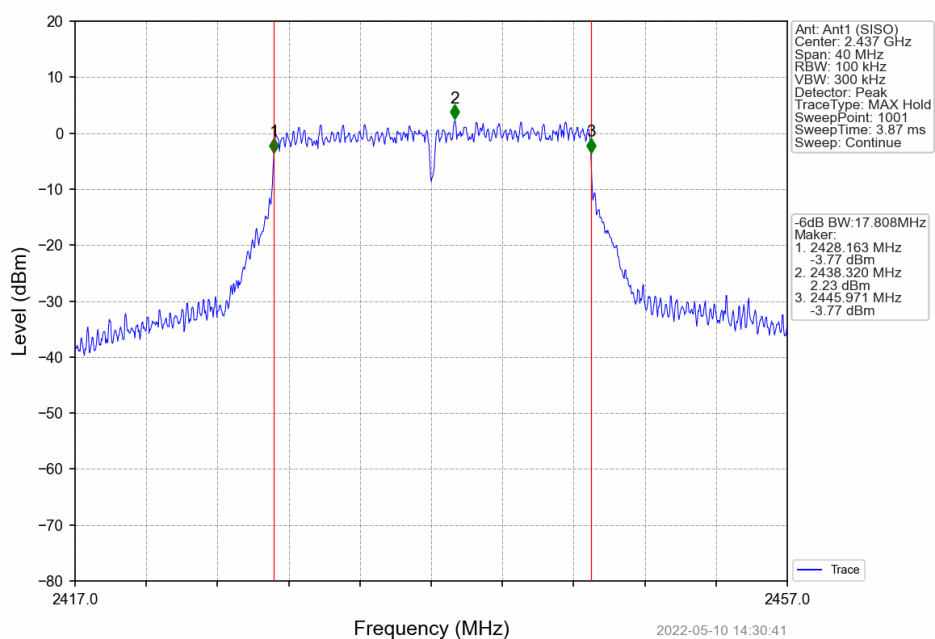
802.11g HCH 2462MHz Ant1 (SISO) NTN

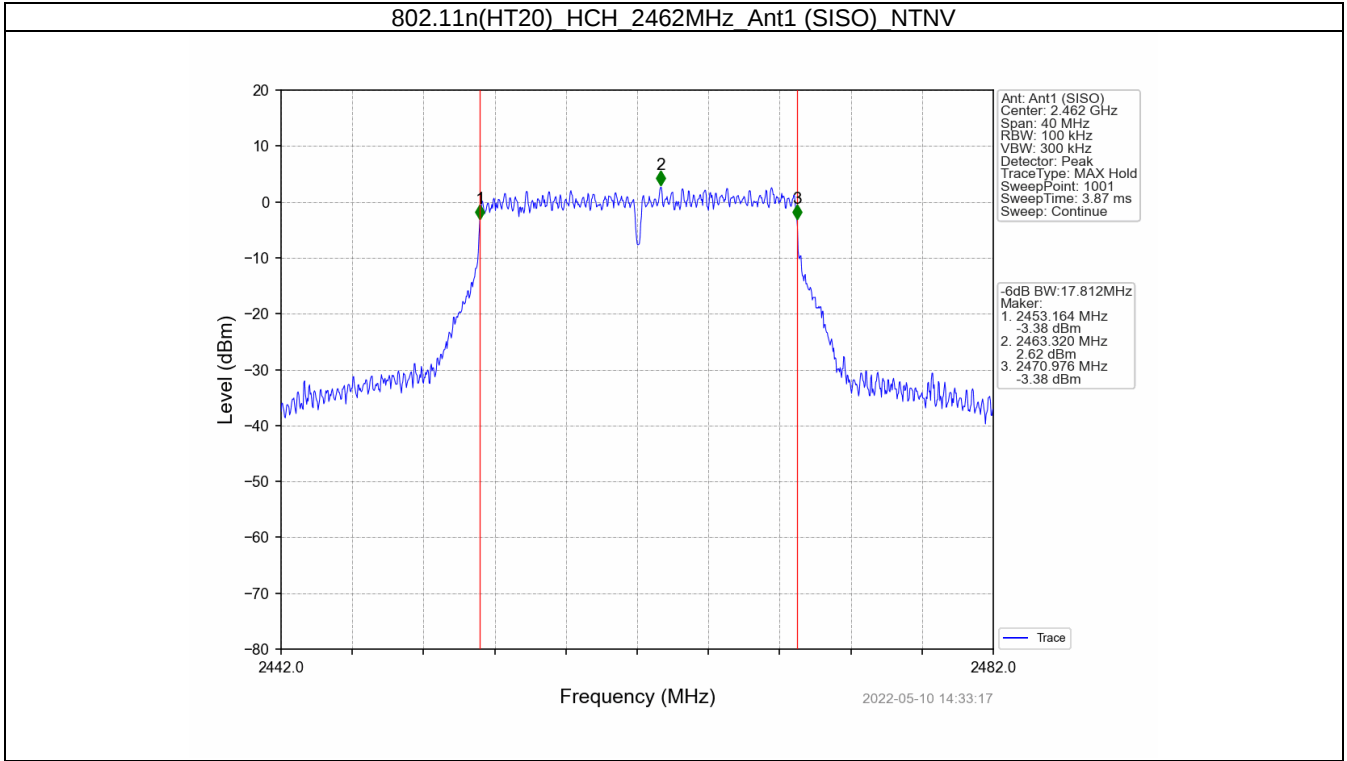


802.11n(HT20) LCH 2412MHz Ant1 (SISO) NTN



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





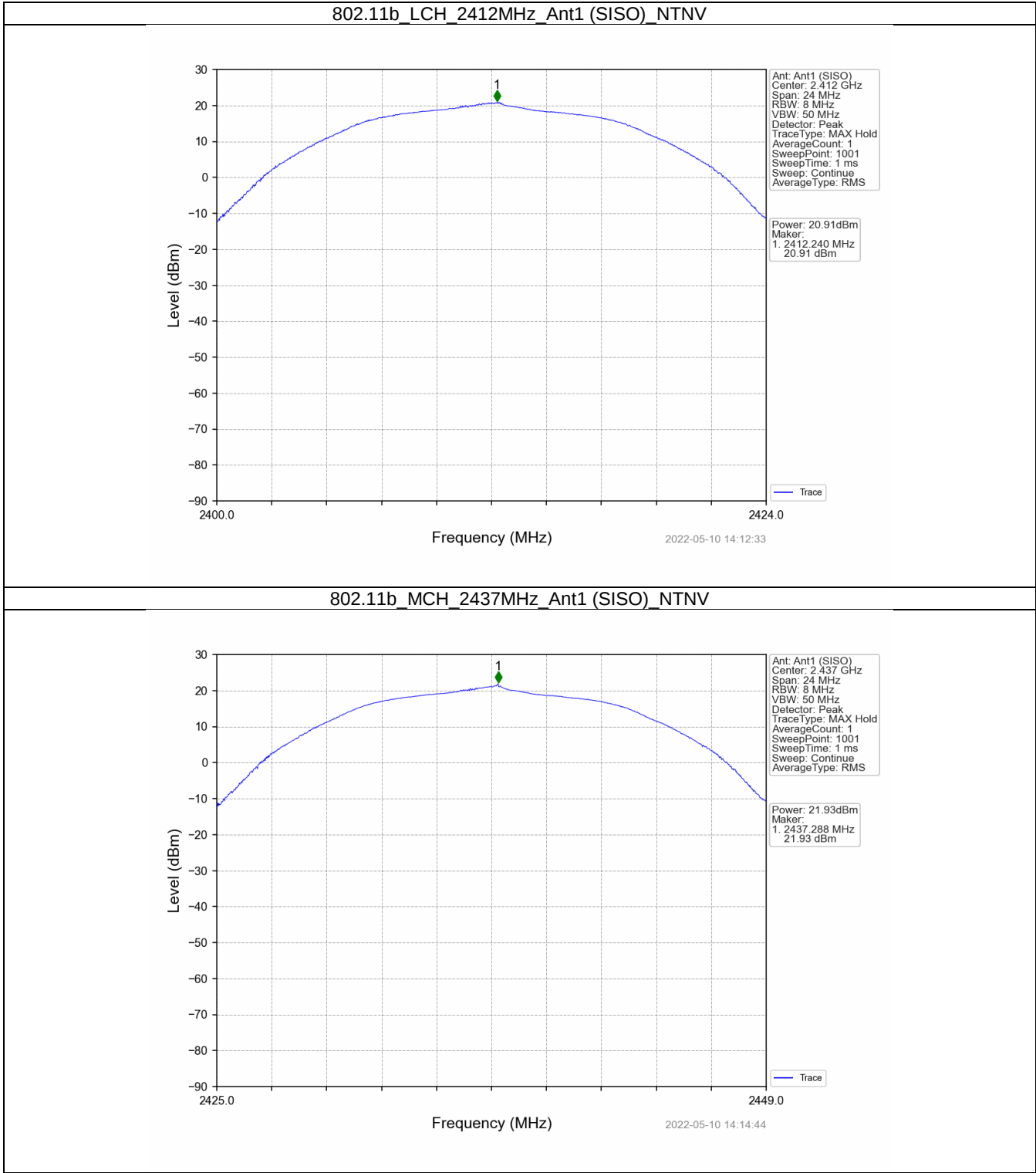
3. Maximum Conducted Output Power

3.1 Power

3.1.1 Test Result

Mode	TX Type	Frequency (MHz)	Maximum Peak Conducted Output Power (dBm)		Verdict
			ANT1	Limit	
802.11b	SISO	2412	20.91	<=30	Pass
		2437	21.93	<=30	Pass
		2462	22.97	<=30	Pass
802.11g	SISO	2412	23.29	<=30	Pass
		2437	23.69	<=30	Pass
		2462	23.71	<=30	Pass
802.11n (HT20)	SISO	2412	22.20	<=30	Pass
		2437	21.99	<=30	Pass
		2462	22.59	<=30	Pass

3.1.2 Test Graph



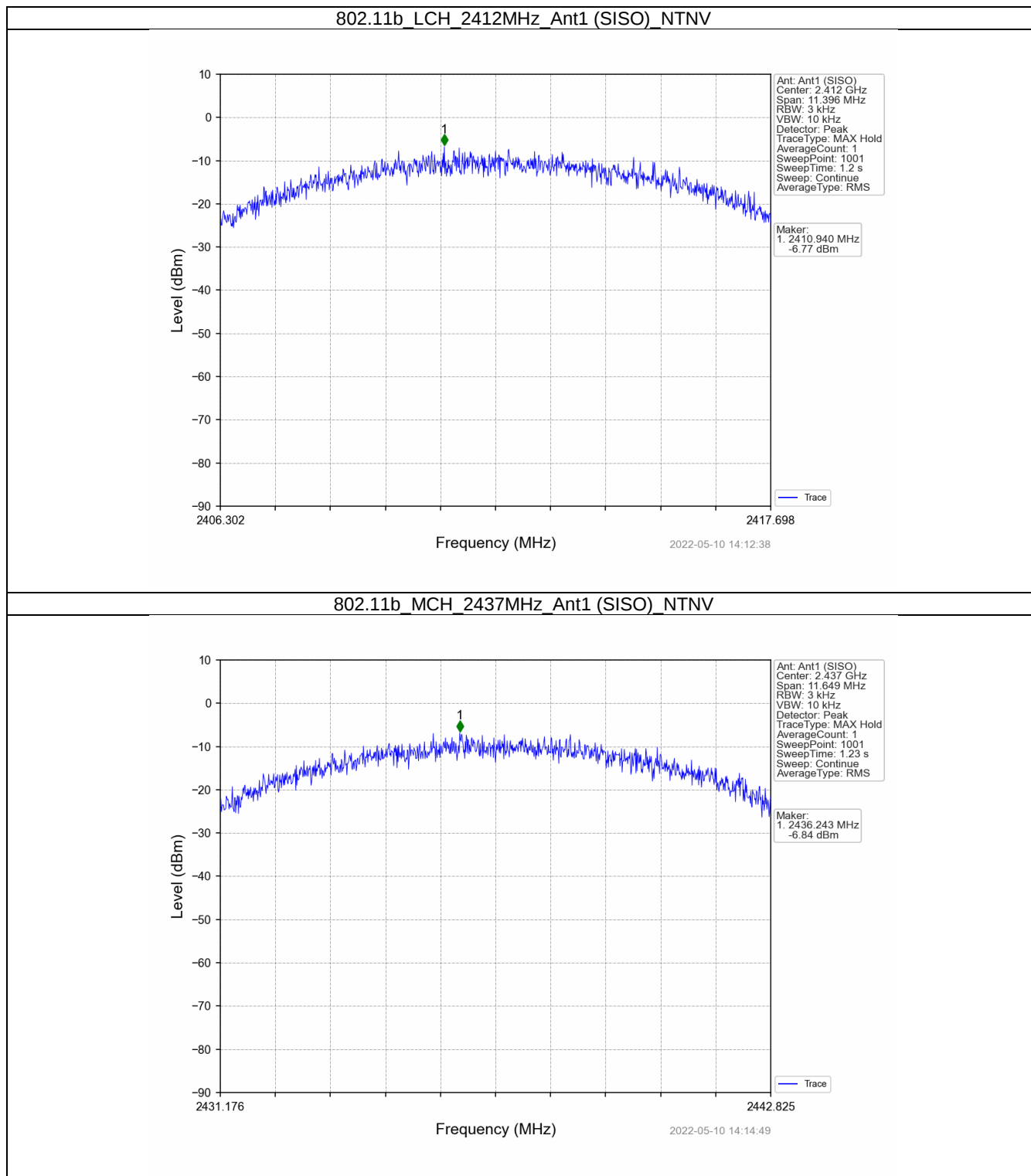
4. Maximum Power Spectral Density

4.1 PSD

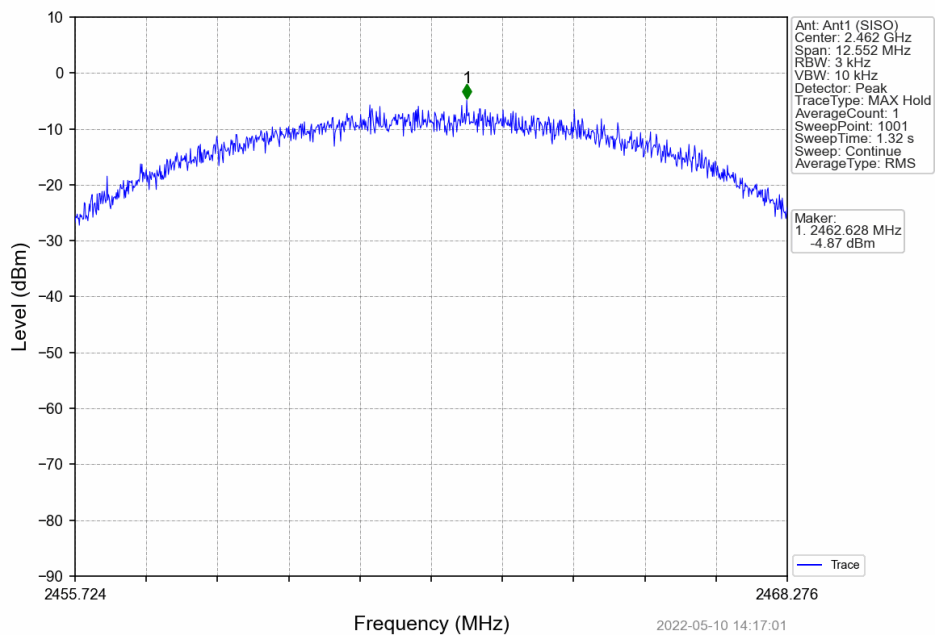
4.1.1 Test Result

Mode	TX Type	Frequency (MHz)	Maximum PSD (dBm/3kHz)		Verdict
			ANT1	Limit	
802.11b	SISO	2412	-6.77	<=8	Pass
		2437	-6.84	<=8	Pass
		2462	-4.87	<=8	Pass
802.11g	SISO	2412	-10.25	<=8	Pass
		2437	-10.45	<=8	Pass
		2462	-9.18	<=8	Pass
802.11n (HT20)	SISO	2412	-12.22	<=8	Pass
		2437	-12.45	<=8	Pass
		2462	-11.47	<=8	Pass

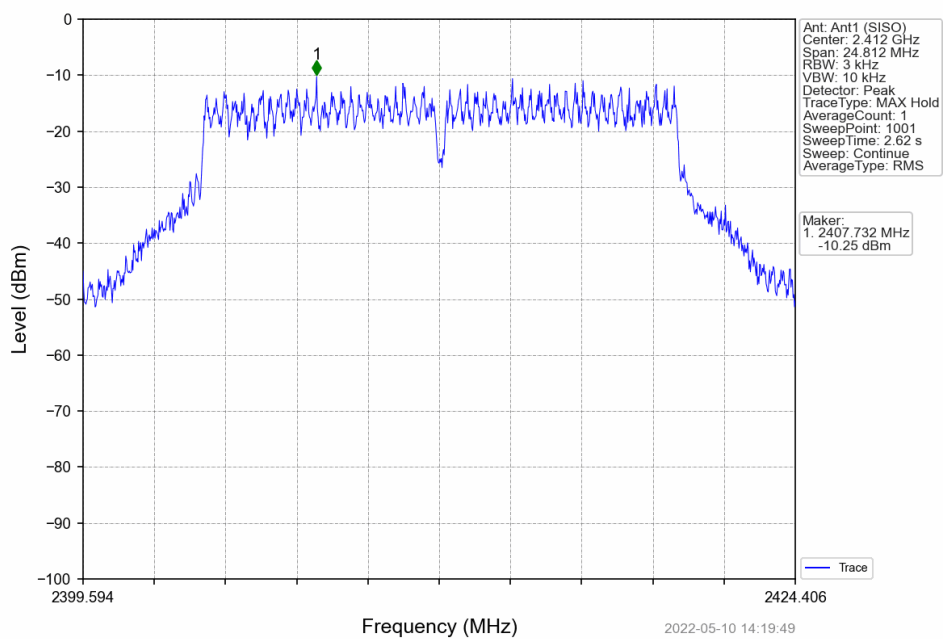
4.1.2 Test Graph



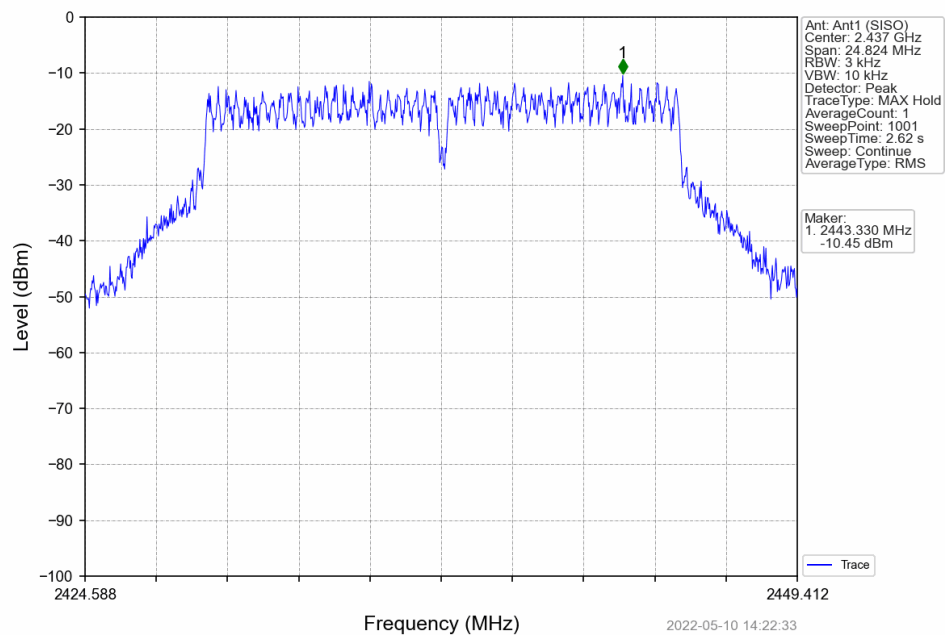
802.11b HCH 2462MHz Ant1 (SISO) NTN



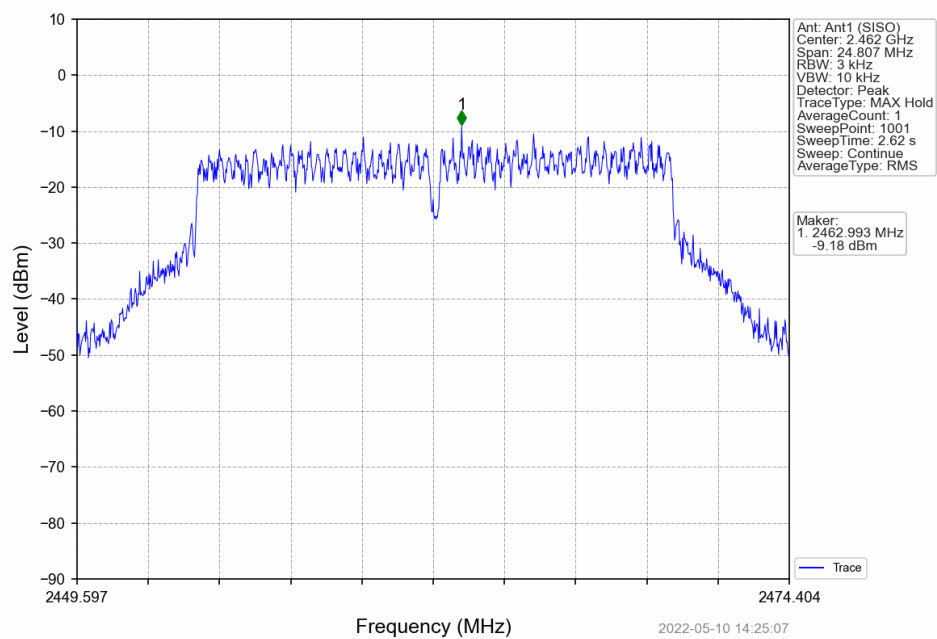
802.11g LCH 2412MHz Ant1 (SISO) NTN



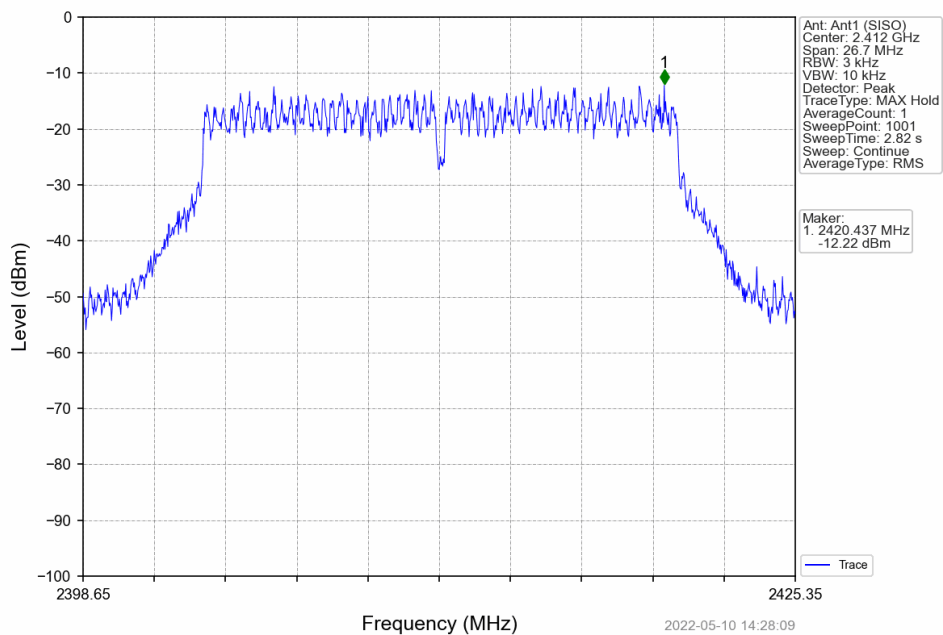
802.11g_MCH_2437MHz_Ant1 (SISO)_NTNV



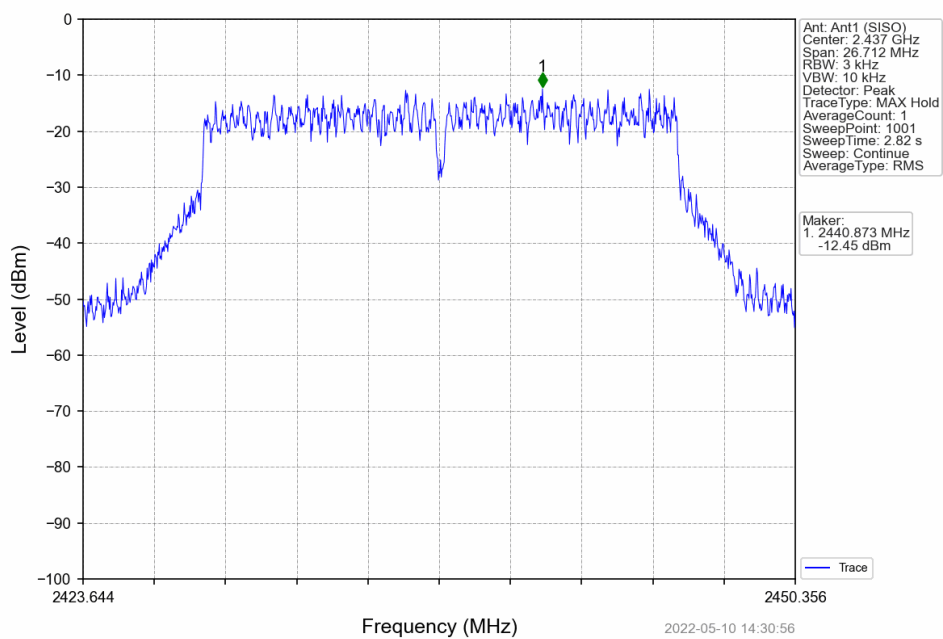
802.11g_HCH_2462MHz_Ant1 (SISO)_NTNV

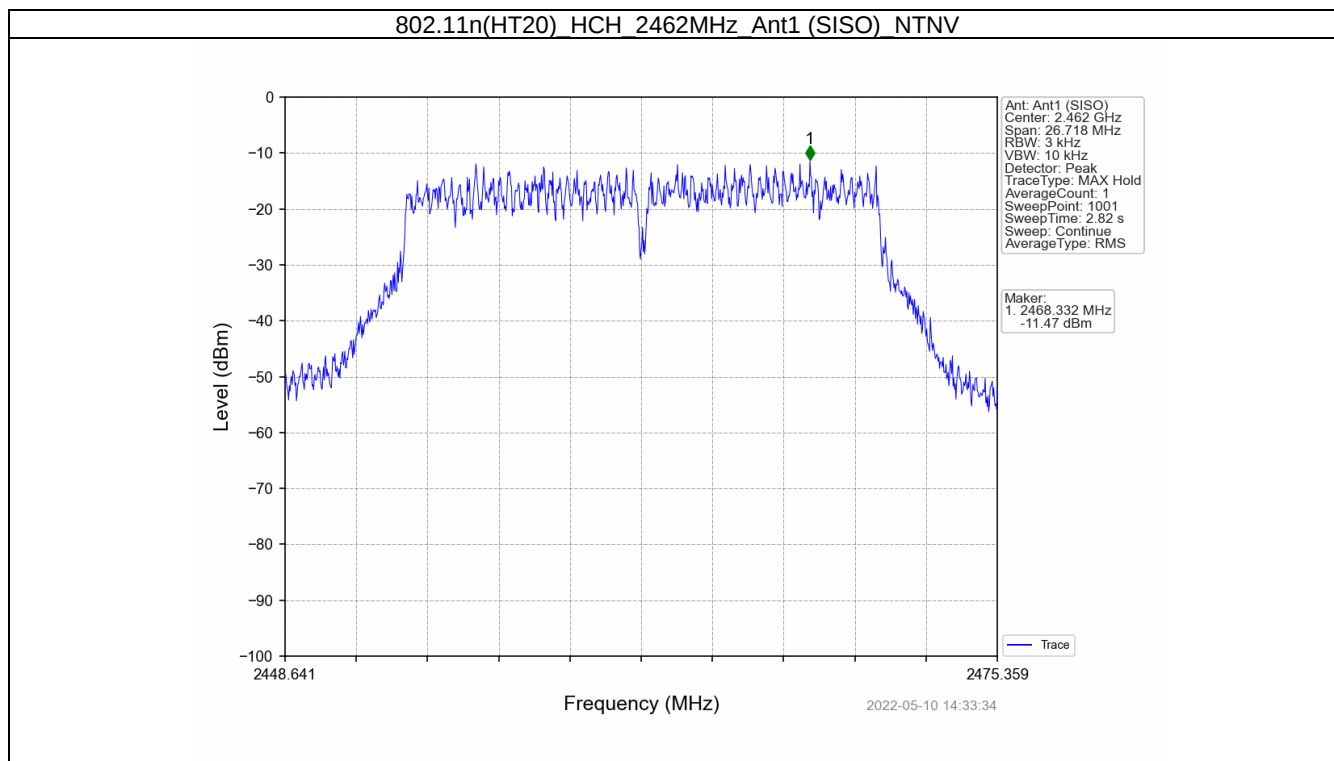


802.11n(HT20) LCH 2412MHz Ant1 (SISO) NTNV



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





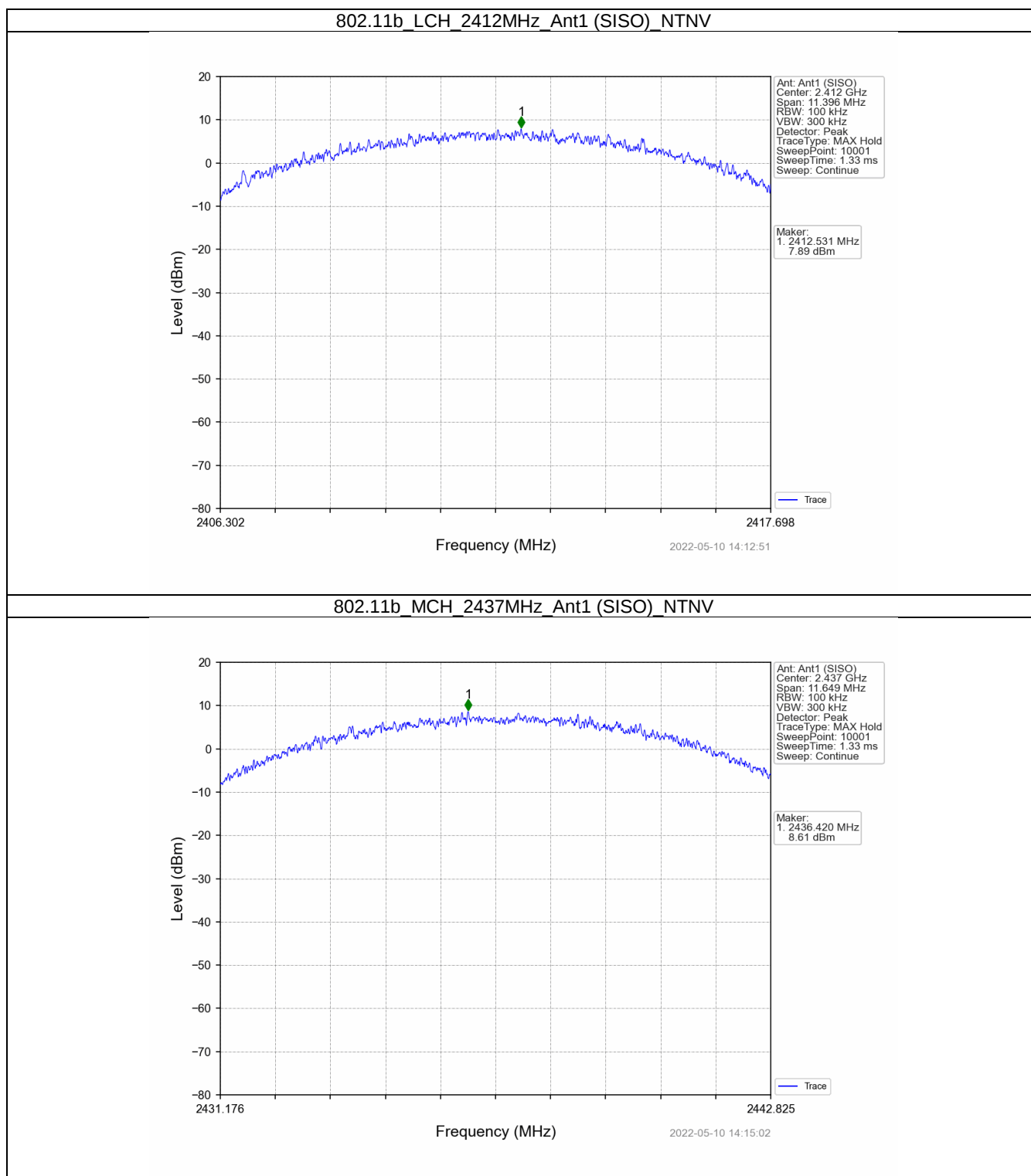
5. Unwanted Emissions In Non-restricted Frequency Bands

5.1 Ref

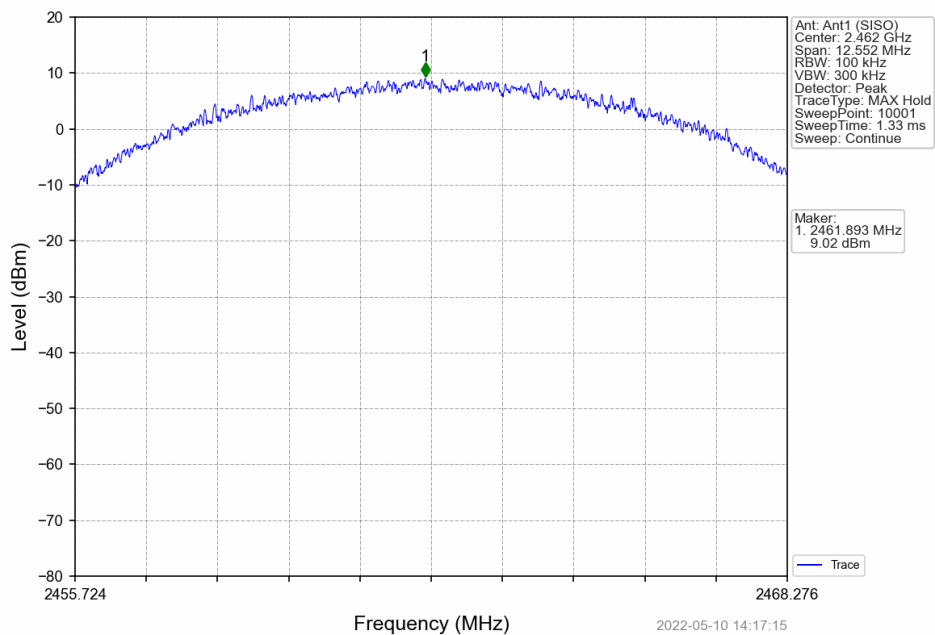
5.1.1 Test Result

Mode	TX Type	Frequency (MHz)	ANT	Level of Reference (dBm)
802.11b	SISO	2412	1	7.89
		2437	1	8.61
		2462	1	9.02
802.11g	SISO	2412	1	3.25
		2437	1	3.36
		2462	1	3.82
802.11n (HT20)	SISO	2412	1	2.27
		2437	1	2.17
		2462	1	2.60
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. Note2: RBW = 1MHz was used during the pre-test. The final test will be performed at RBW=100kHz while the margin is less than 3dB.				

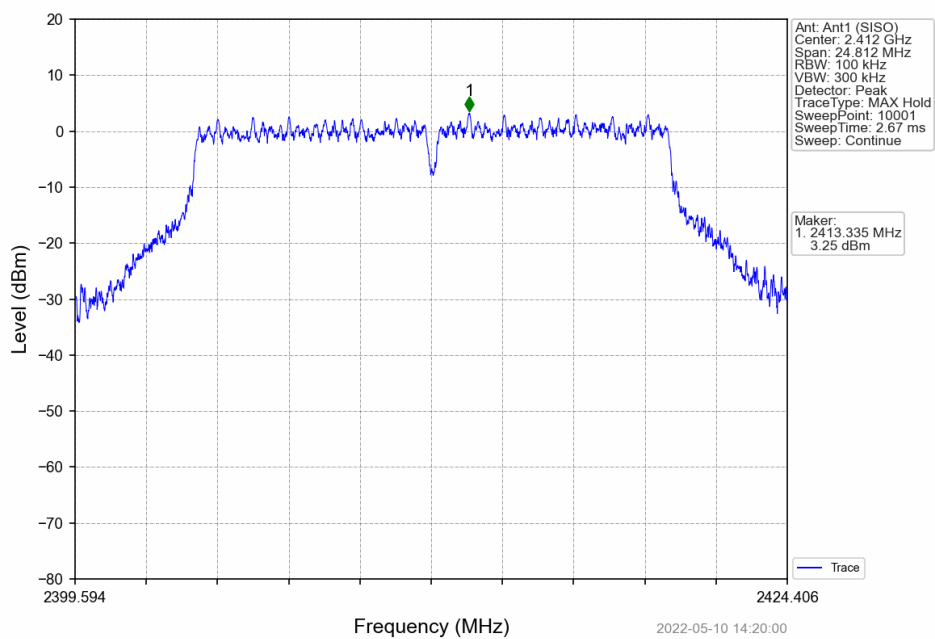
5.1.2 Test Graph



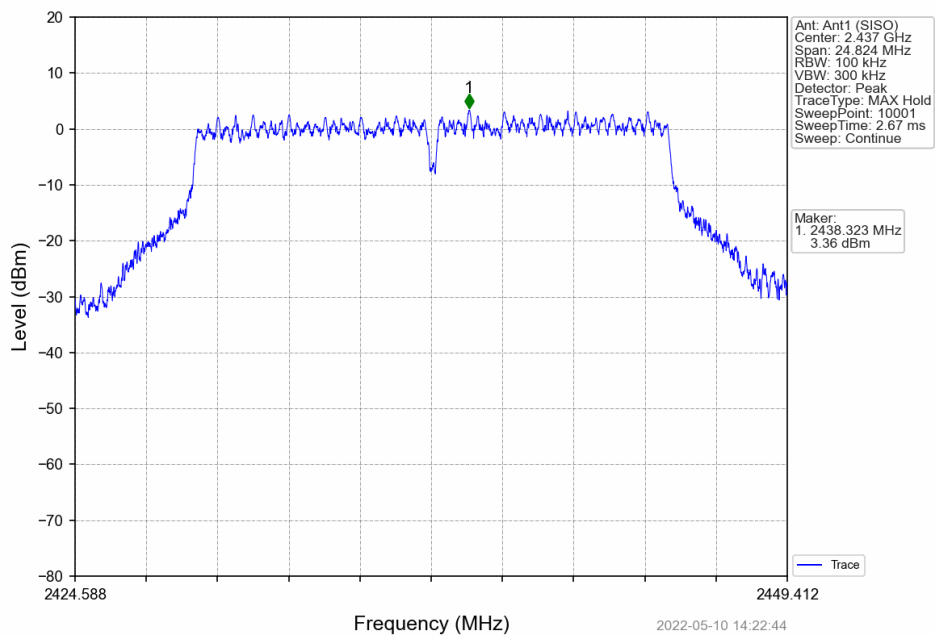
802.11b HCH 2462MHz Ant1 (SISO) NTN



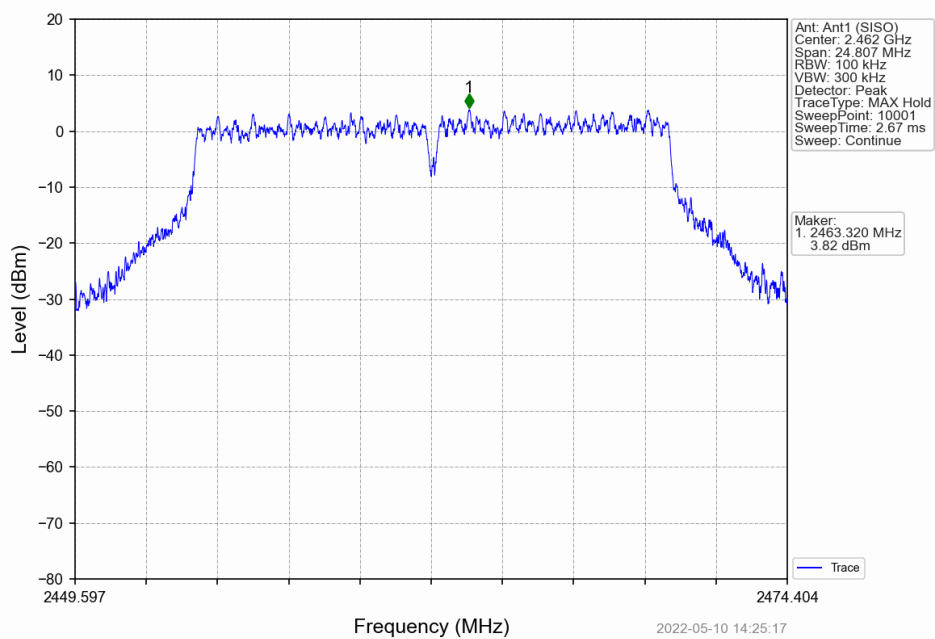
802.11g LCH 2412MHz Ant1 (SISO) NTN



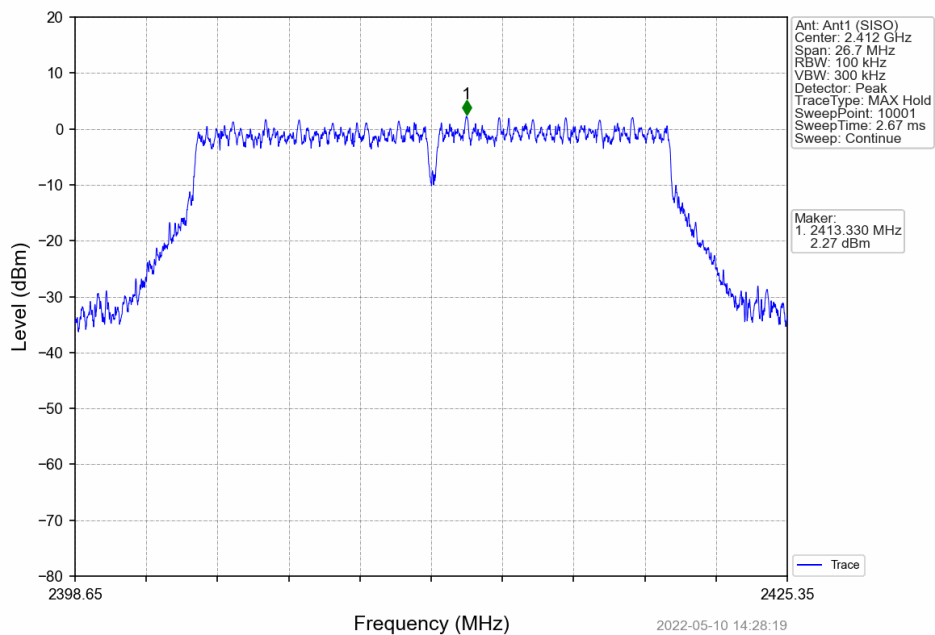
802.11g MCH 2437MHz Ant1 (SISO) NTN



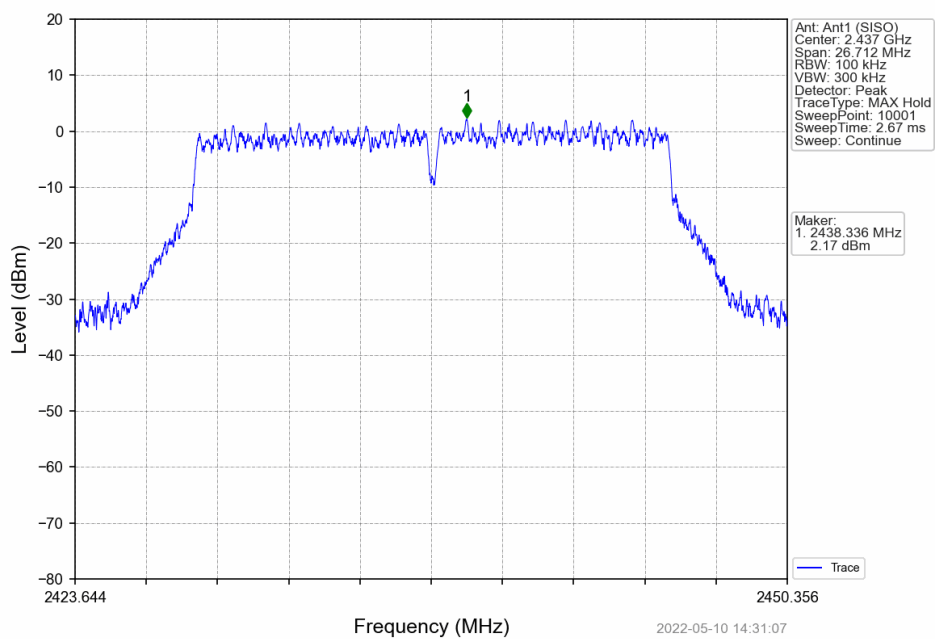
802.11g HCH 2462MHz Ant1 (SISO) NTN

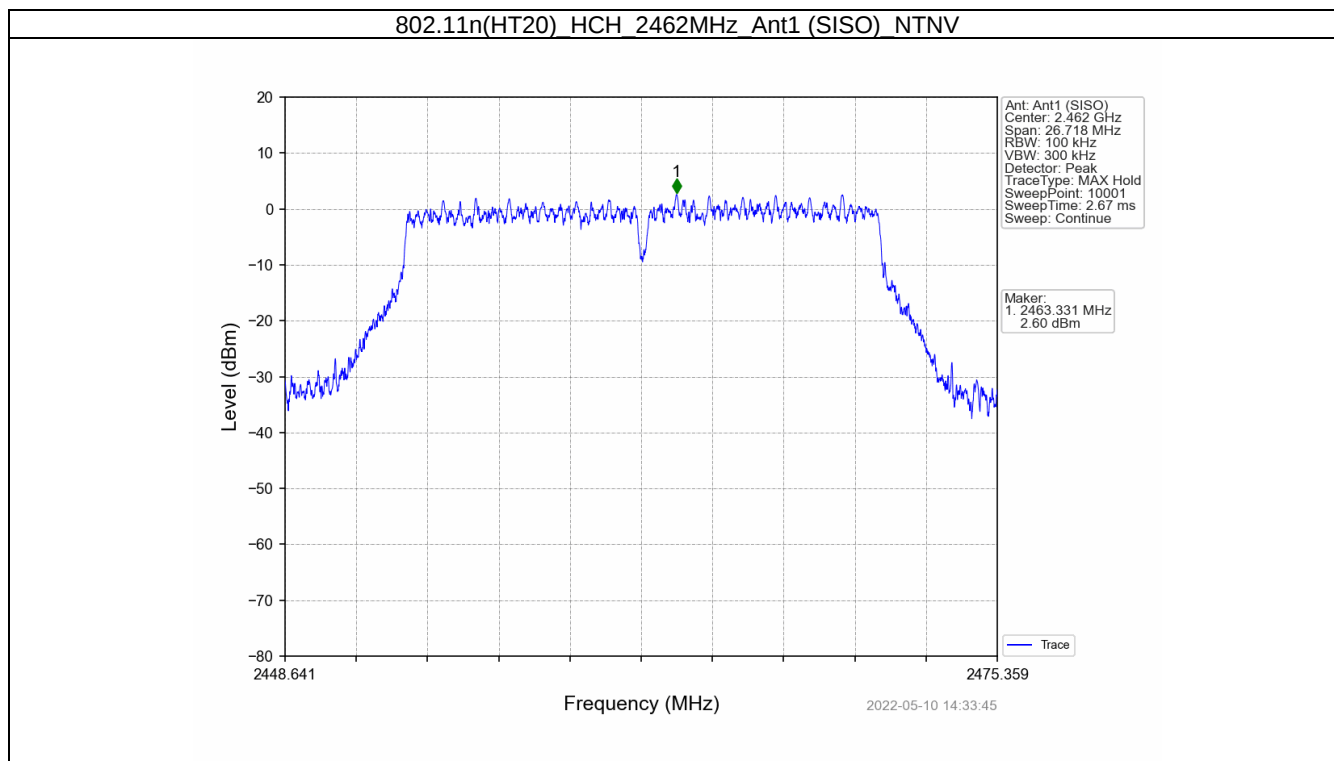


802.11n(HT20) LCH 2412MHz Ant1 (SISO) NTN



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





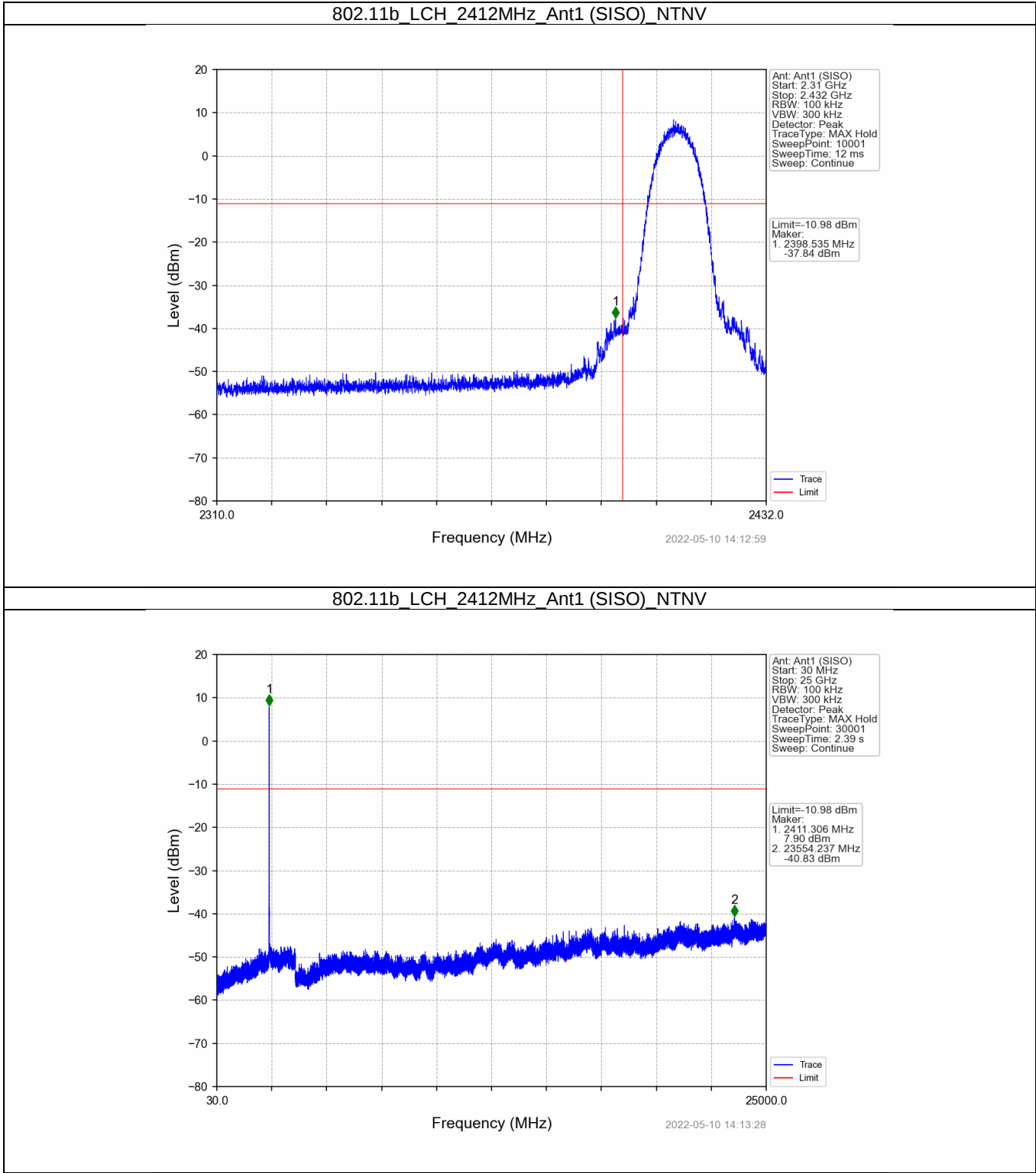
5.2.1 Test Result

Mode	TX Type	Frequency (MHz)	ANT	Level of Reference (dBm)	Limit (dBm)	Verdict
802.11b	SISO	2412	1	9.02	-10.98	Pass
		2437	1	9.02	-10.98	Pass
		2462	1	9.02	-10.98	Pass
802.11g	SISO	2412	1	3.82	-16.18	Pass
		2437	1	3.82	-16.18	Pass
		2462	1	3.82	-16.18	Pass
802.11n (HT20)	SISO	2412	1	2.60	-17.40	Pass
		2437	1	2.60	-17.40	Pass
		2462	1	2.60	-17.40	Pass

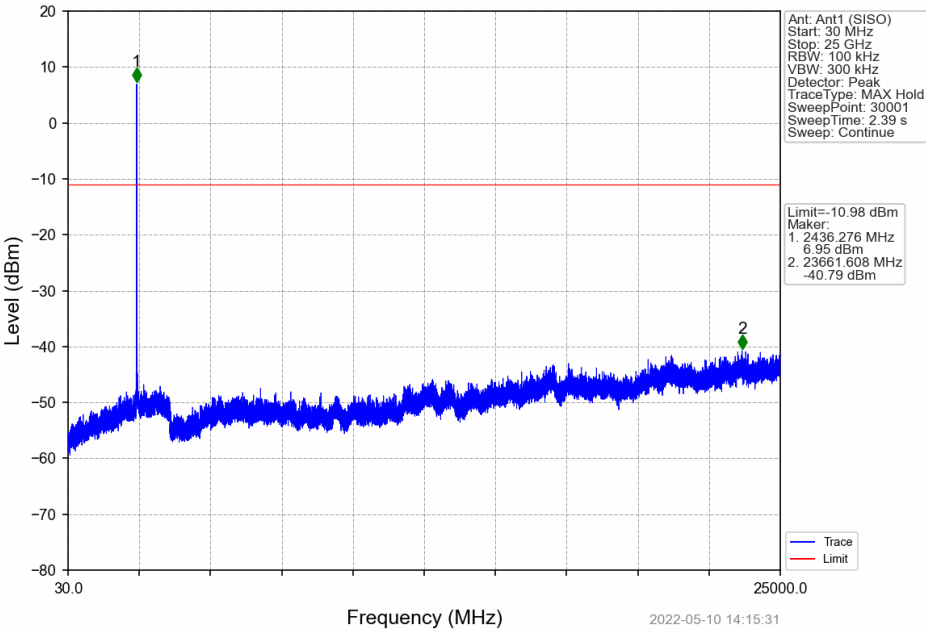
Note1: Refer to FCC Part 15.247 (d) and ANSI C63.10-2013, the channel contains the maximum PSD level was used to establish the reference level.

Note2: RBW = 1MHz was used during the pre-test. The final test will be performed at RBW=100kHz while the margin is less than 3dB.

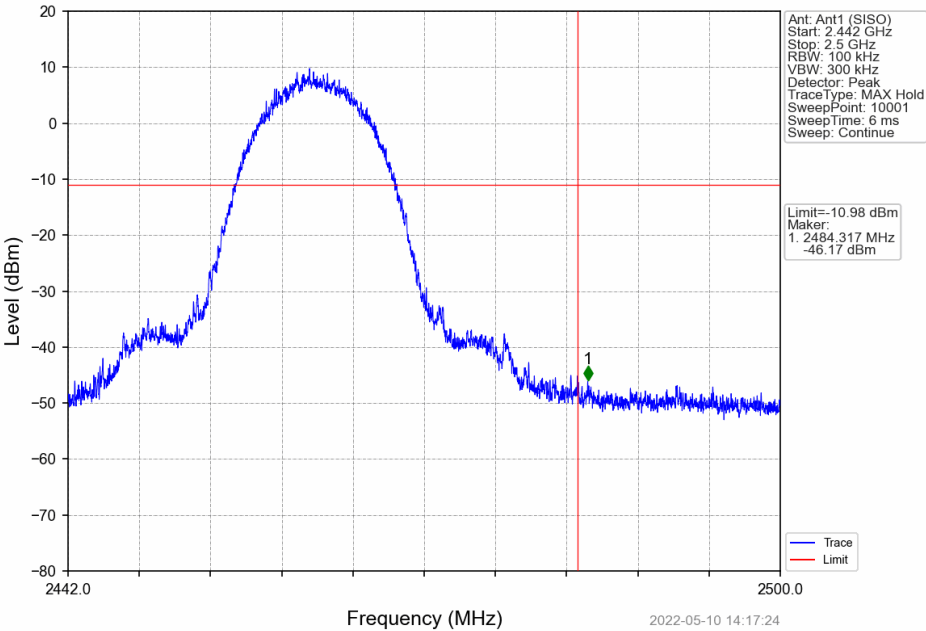
5.2.2 Test Graph



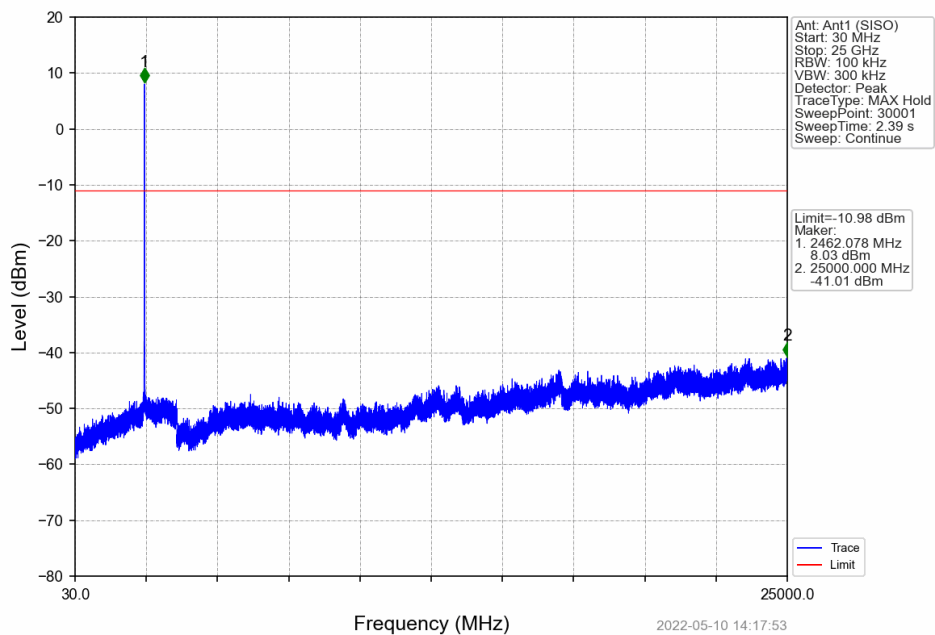
802.11b MCH 2437MHz Ant1 (SISO) NTN



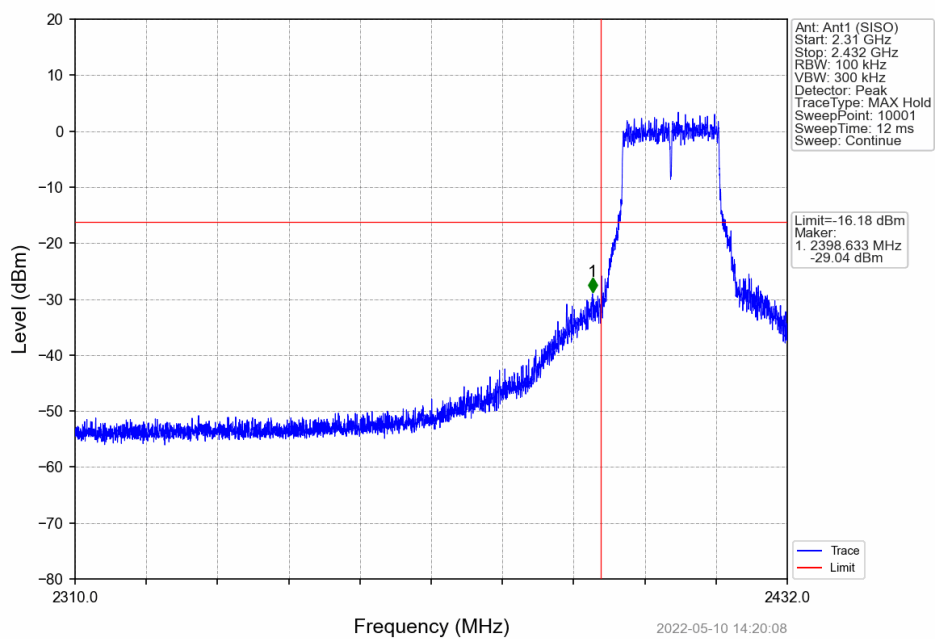
802.11b_HCH_2462MHz_Ant1 (SISO) NTN



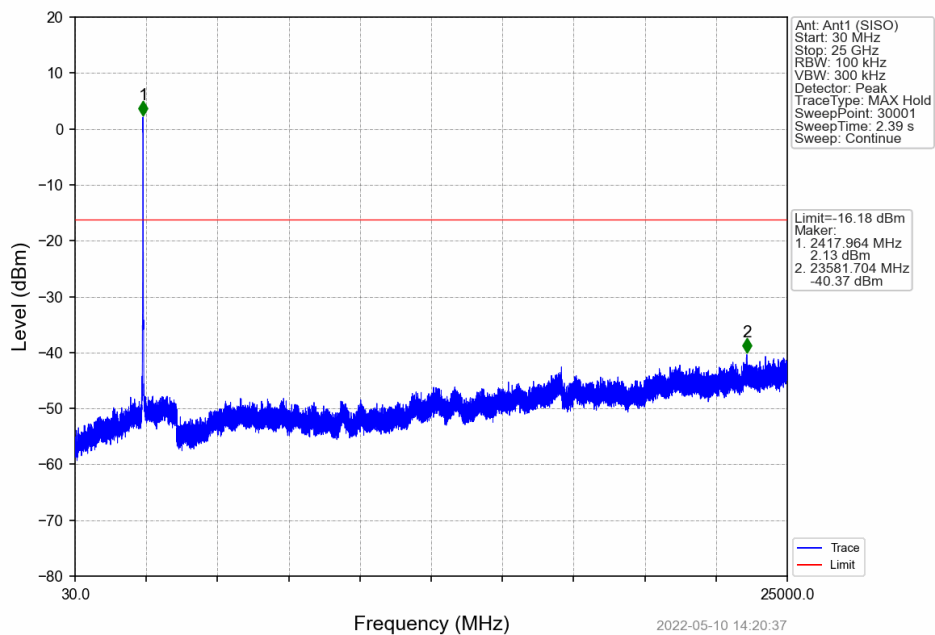
802.11b HCH 2462MHz Ant1 (SISO) NTN



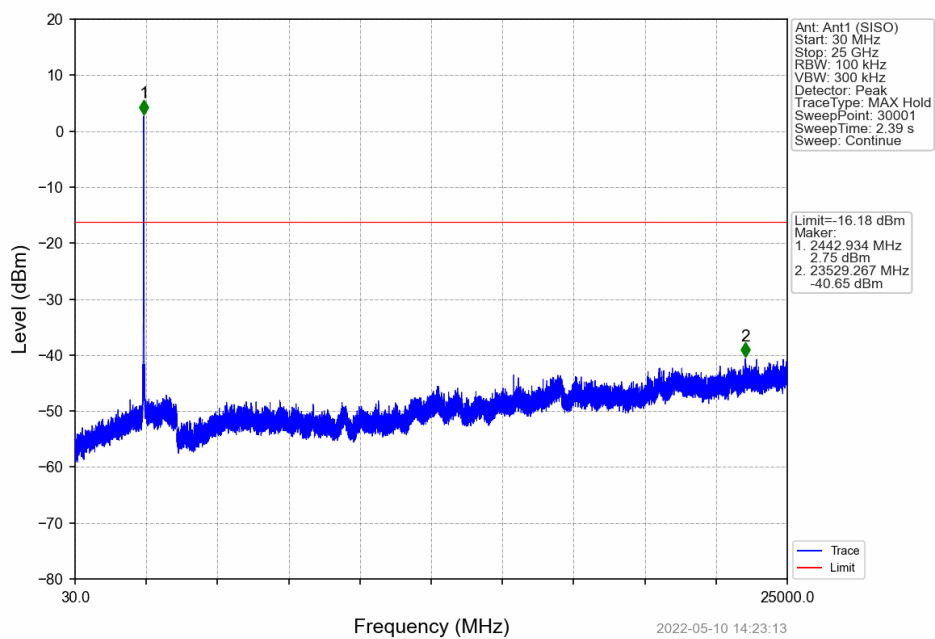
802.11g LCH 2412MHz Ant1 (SISO) NTN



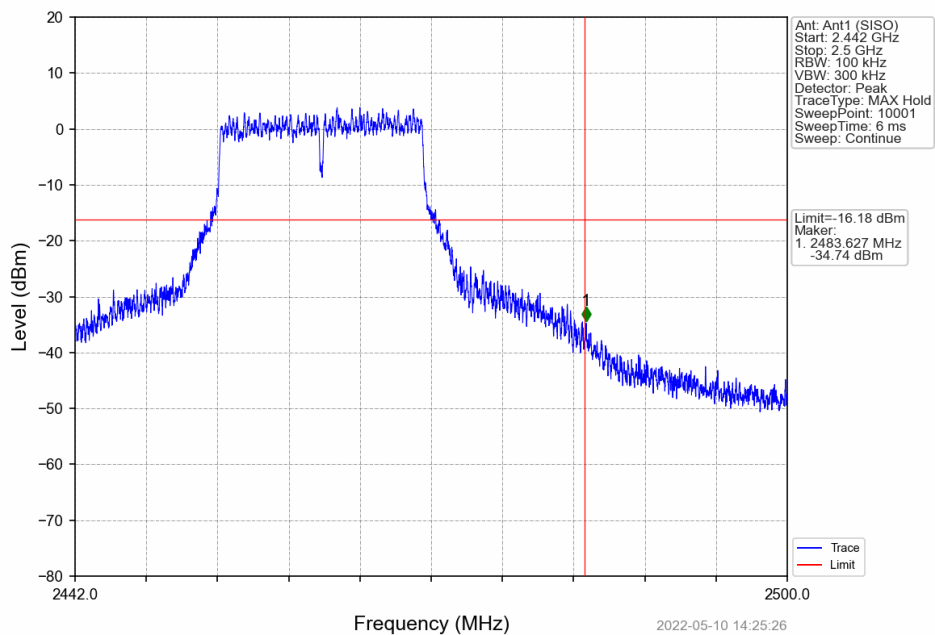
802.11g LCH 2412MHz Ant1 (SISO) NTN



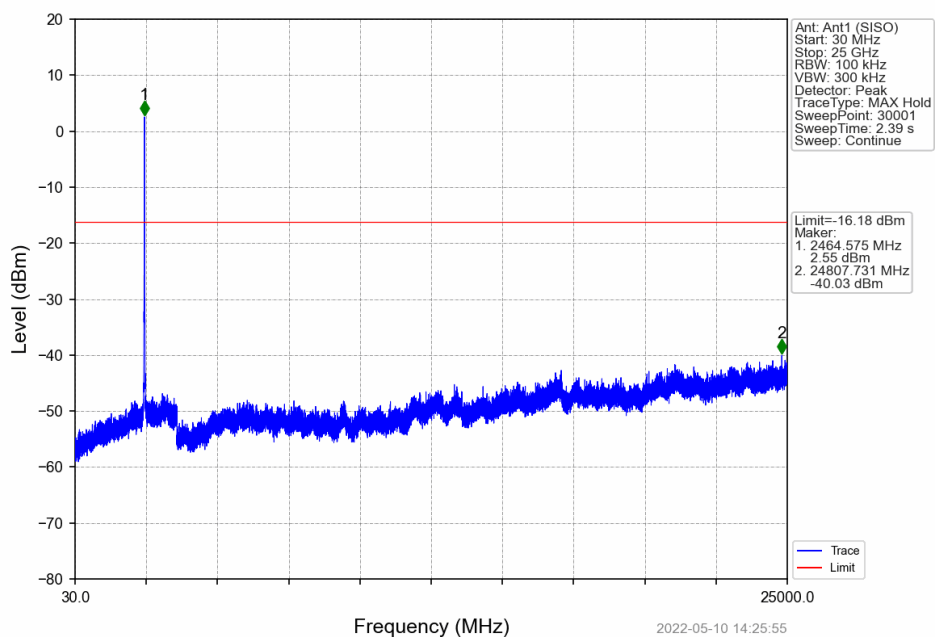
802.11g_MCH_2437MHz_Ant1 (SISO) NTN



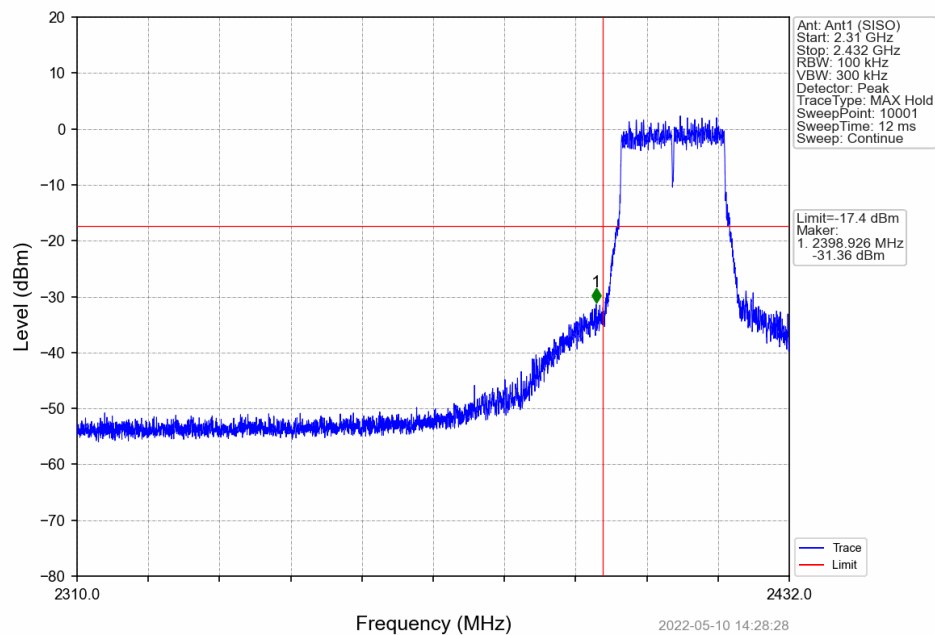
802.11g HCH 2462MHz Ant1 (SISO) NTN



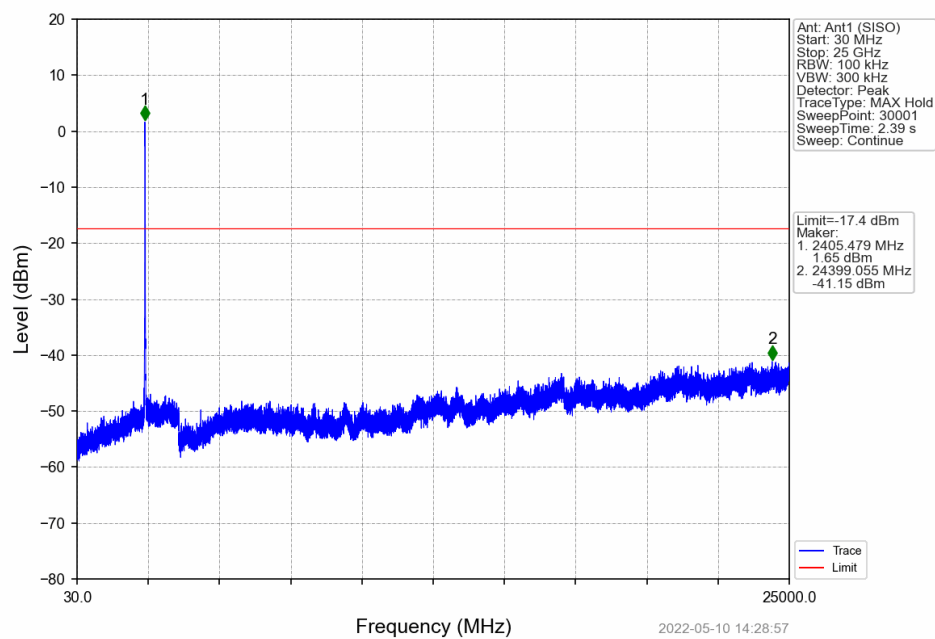
802.11g HCH 2462MHz Ant1 (SISO) NTN



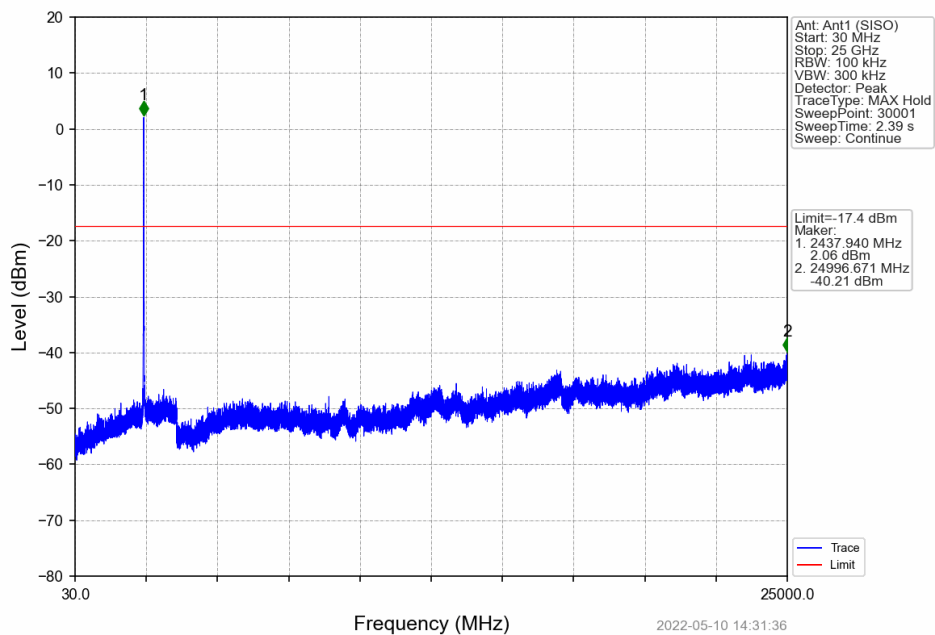
802.11n(HT20)_LCH_2412MHz_Ant1 (SISO)_NTNV



802.11n(HT20)_LCH_2412MHz_Ant1 (SISO)_NTNV



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



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

