

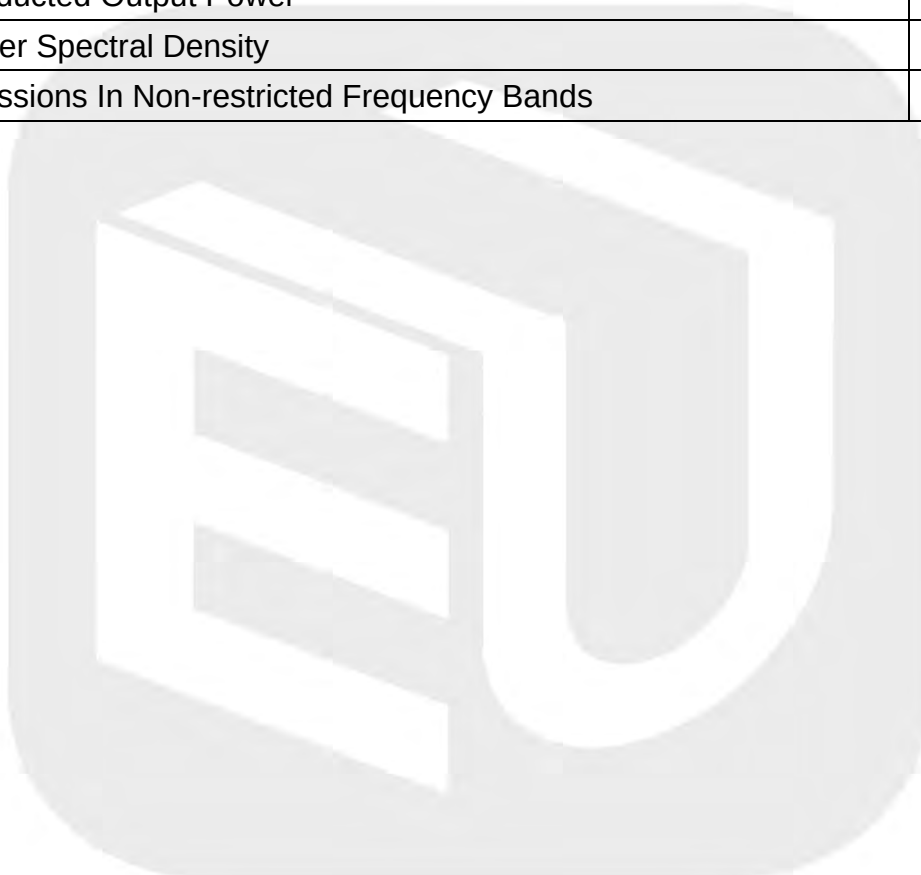
ANNEX F TEST DATA

For

Project No.:	8330EU012001W
Client:	SHENZHEN ELECTRON TECHNOLOGY CO., LTD.
Product Description:	Android Tablet
Model No.:	Cozyla CD-8S543F2
FCC ID:	2ABC5-E0098
Technology:	WiFi 2.4G
Test Engineer:	<i>Mikoy zhu</i>
Test Date:	2025-05-22

Test Summary

Item	Result
Duty Cycle	Pass
Bandwidth	Pass
Maximum Conducted Output Power	Pass
Maximum Power Spectral Density	Pass
Unwanted Emissions In Non-restricted Frequency Bands	Pass



1. Duty Cycle

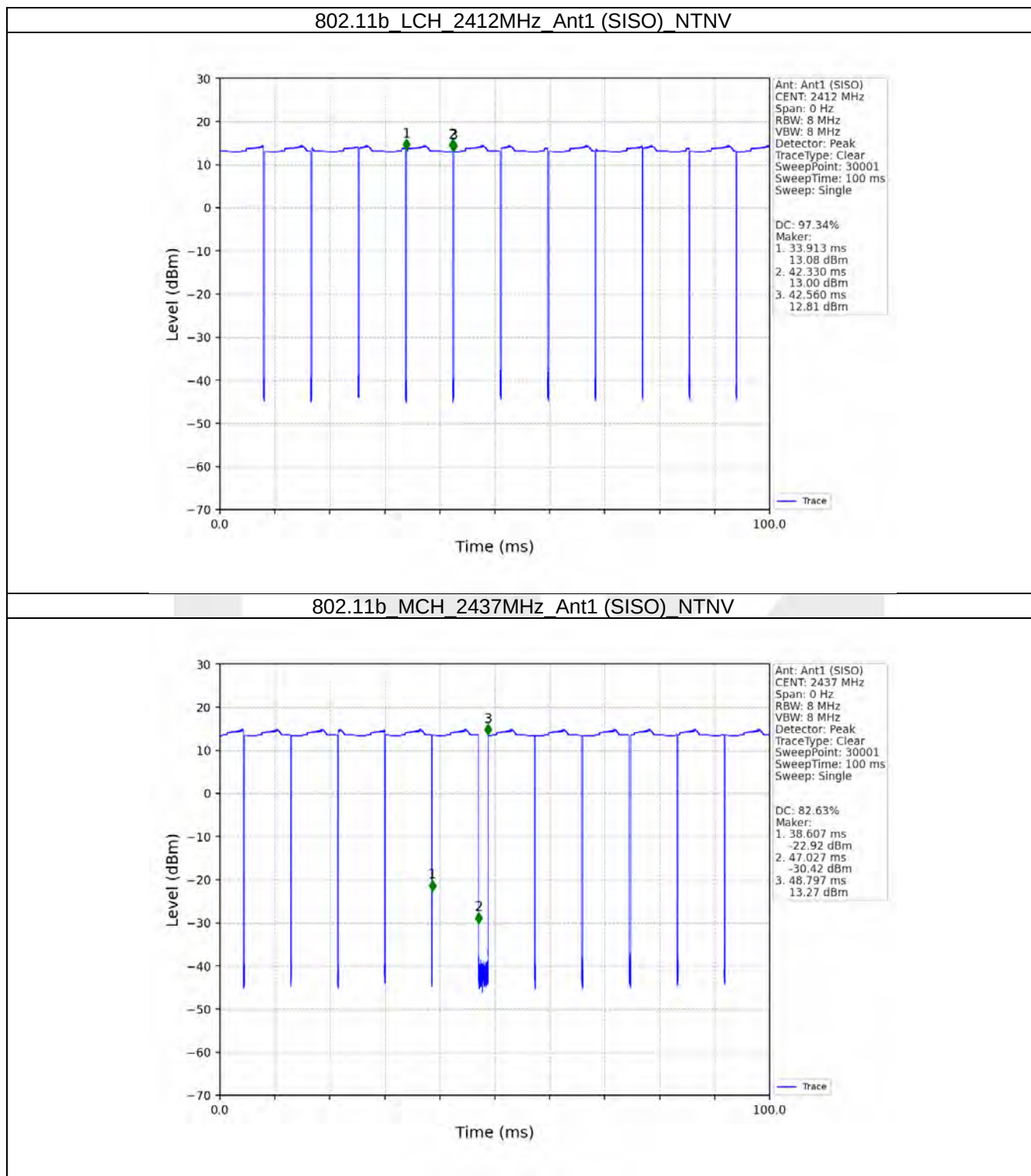
1.1 Test Result

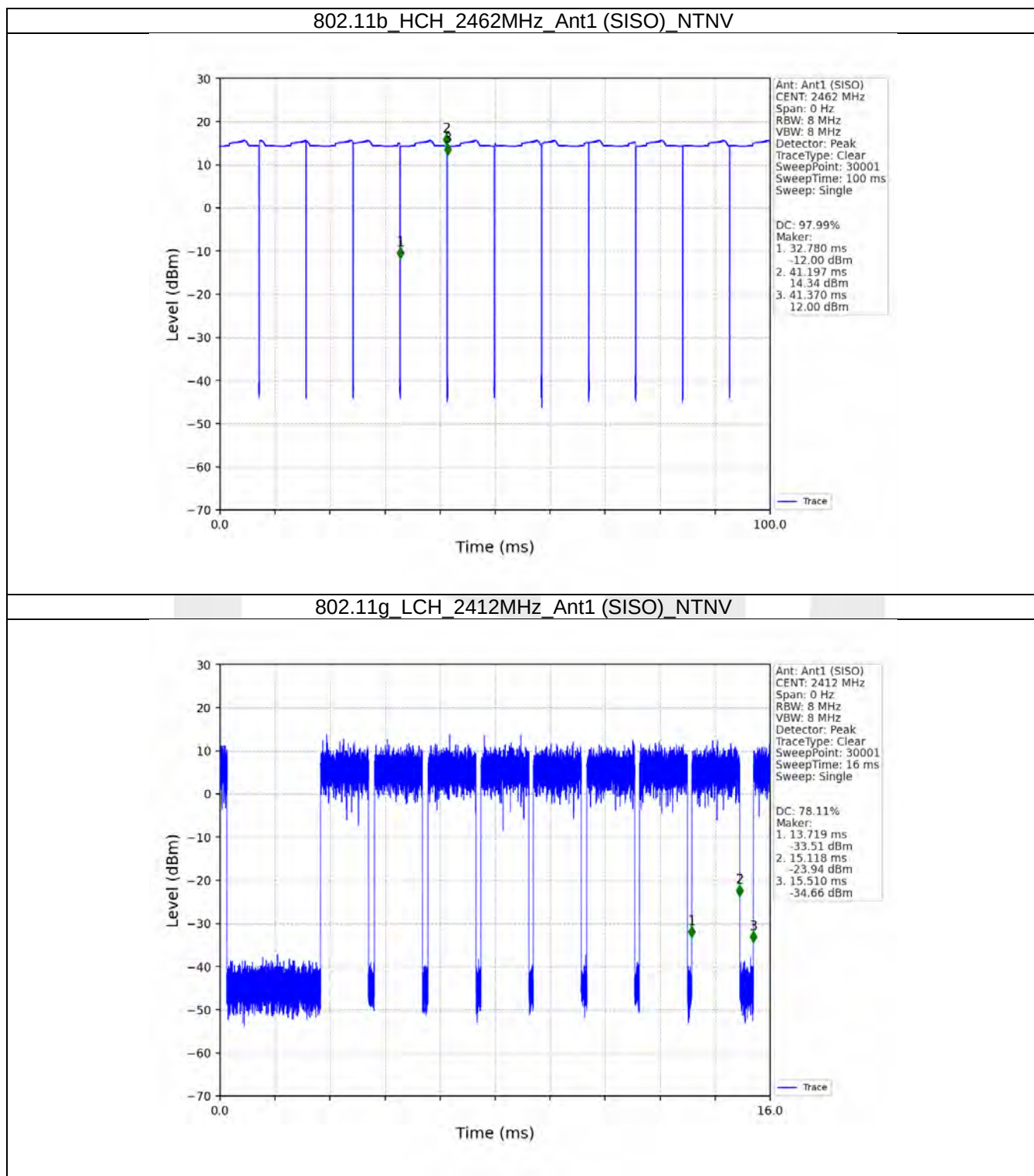
1.1.1 Ant1

Ant1									
Mode	TX Type	Frequency (MHz)	RU	RU Pos	T_on (ms)	Period (ms)	Duty Cycle (%)	Duty Cycle Correction Factor (dB)	Max. DC Variation (%)
802.11b	SISO	2412	/	/	8.417	8.647	97.34	0.12	1.22
		2437	/	/	8.420	10.190	82.63	0.83	16.01
		2462	/	/	8.417	8.590	97.99	0.09	0.65
802.11g	SISO	2412	/	/	1.399	1.791	78.11	1.07	13.79
		2437	/	/	1.396	1.522	91.72	0.38	0.03
		2462	/	/	1.398	1.576	88.71	0.52	3.17
802.11n (HT20)	SISO	2412	/	/	5.091	5.337	95.39	0.20	2.24
		2437	/	/	5.090	5.591	91.04	0.41	6.59
		2462	/	/	5.090	5.318	95.71	0.19	1.85
802.11n (HT40)	SISO	2422	/	/	4.898	5.076	96.49	0.16	1.07
		2437	/	/	4.898	5.133	95.42	0.20	2.06
		2452	/	/	4.898	5.133	95.42	0.20	2.05
802.11ax (HEW20)	SISO	2412	SU	/	3.879	4.098	94.66	0.24	2.26
		2437	SU	/	3.878	4.030	96.23	0.17	0.67
		2462	SU	/	3.878	4.098	94.63	0.24	2.12
802.11ax (HEW40)	SISO	2422	SU	/	3.873	4.100	94.46	0.25	2.31
		2437	SU	/	3.872	4.100	94.44	0.25	1.91
		2452	SU	/	3.873	4.102	94.42	0.25	2.35

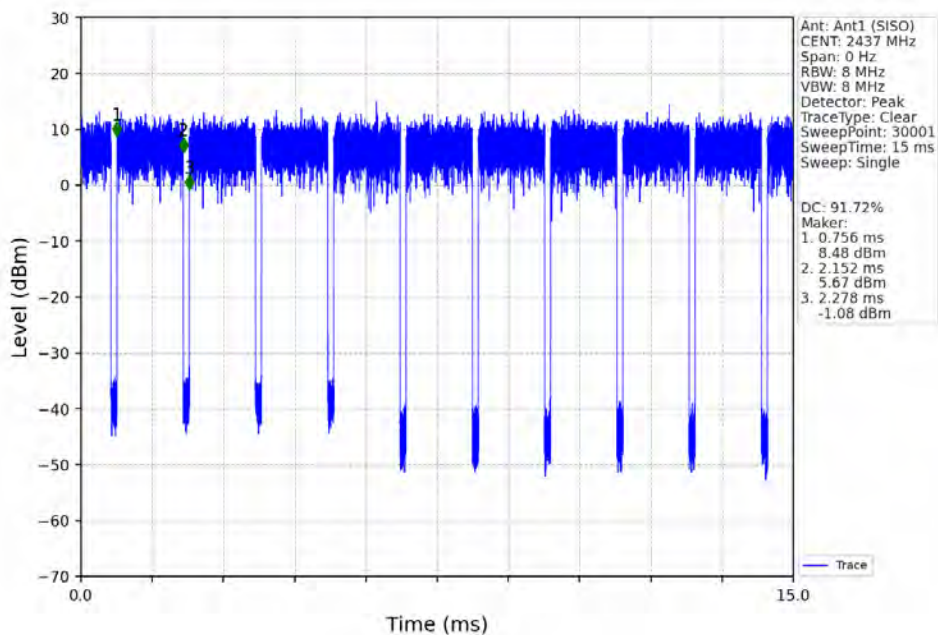
1.2 Test Graph

1.2.1 Ant1

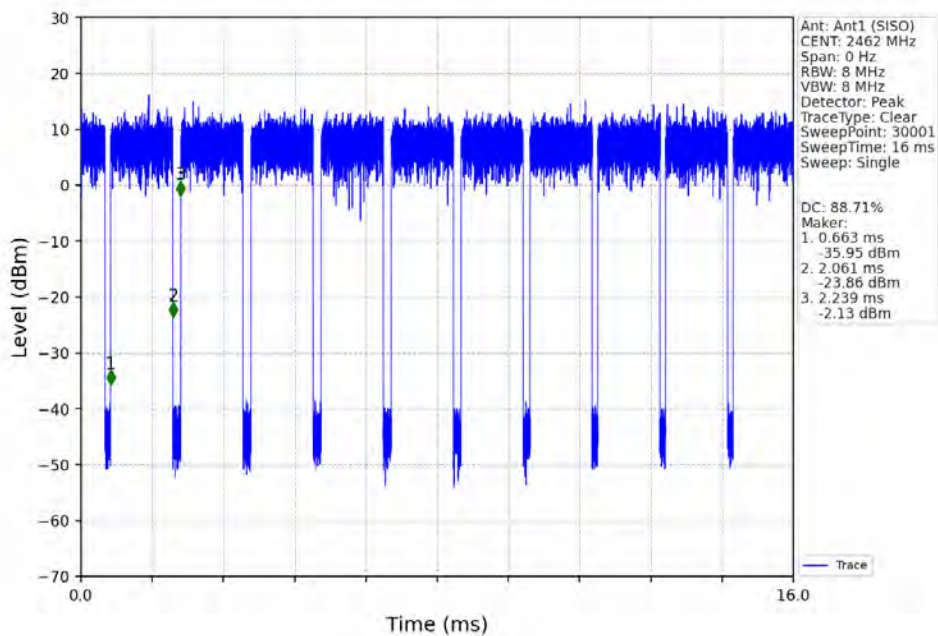




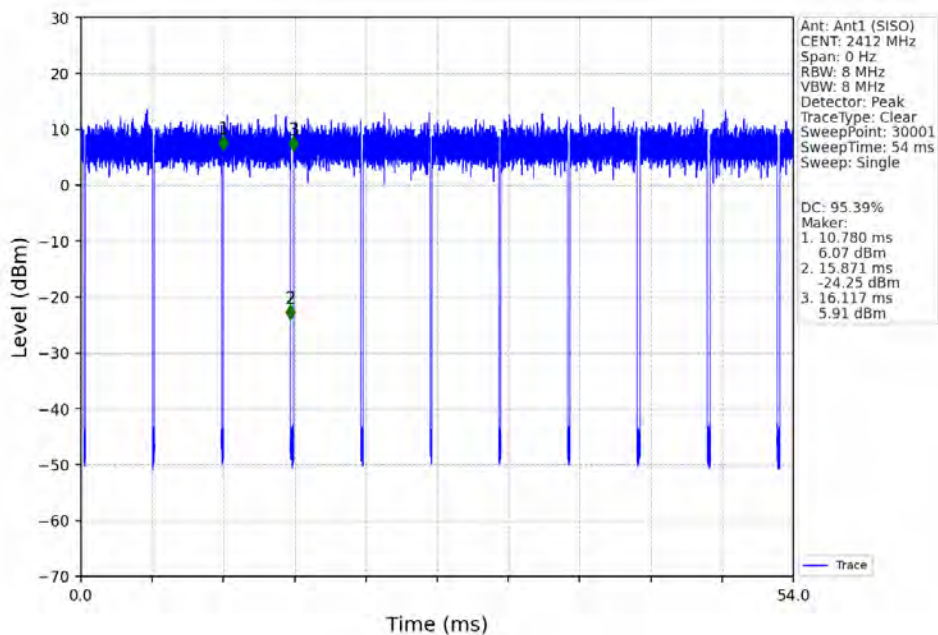
802.11g_MCH_2437MHz_Ant1 (SISO)_NTNV



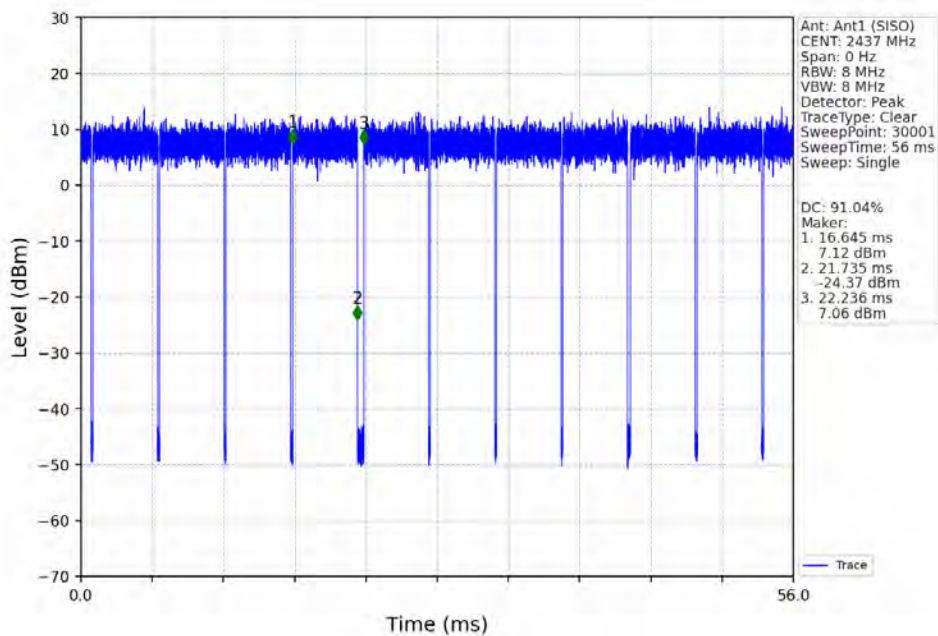
802.11g_HCH_2462MHz_Ant1 (SISO)_NTNV

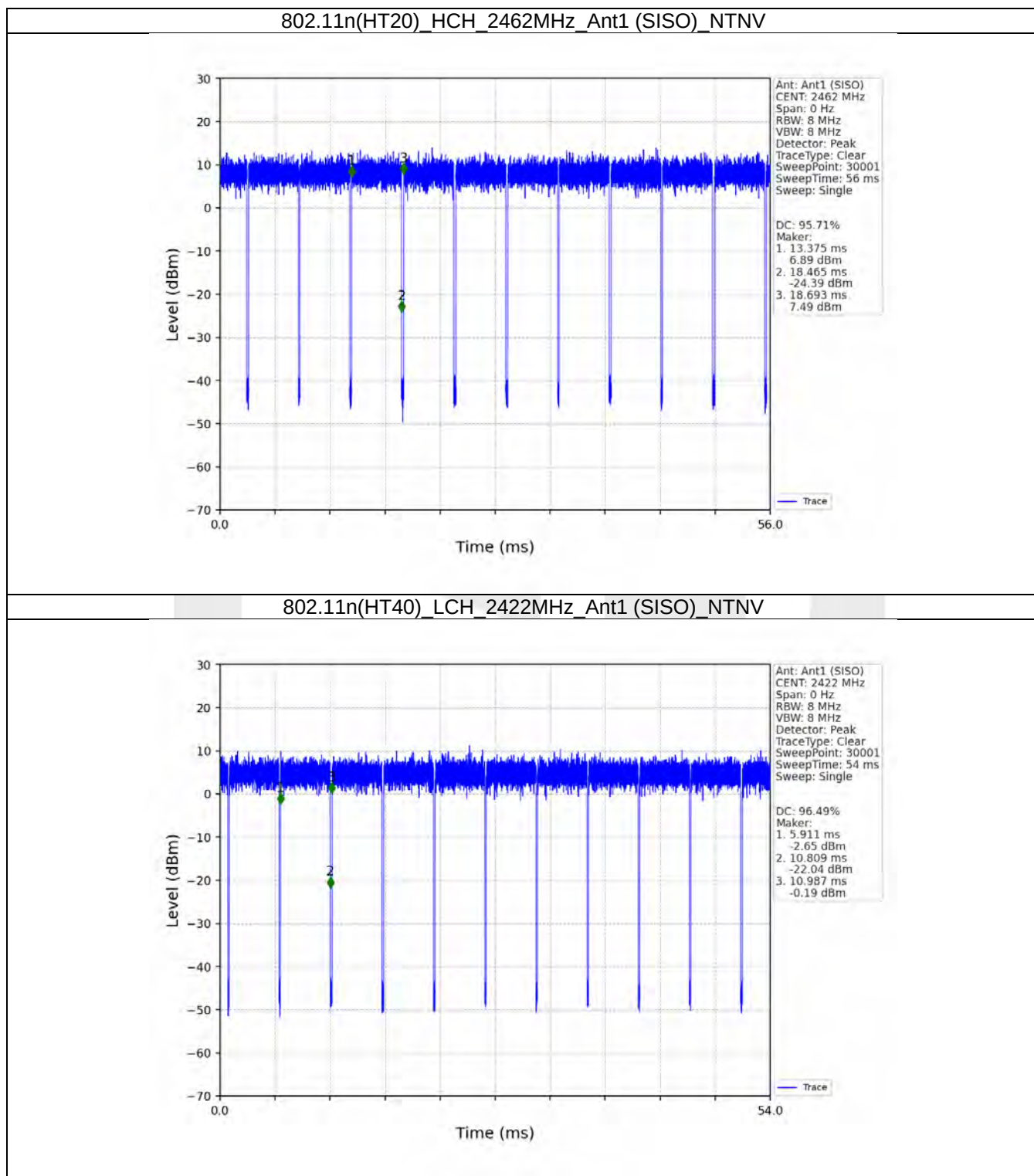


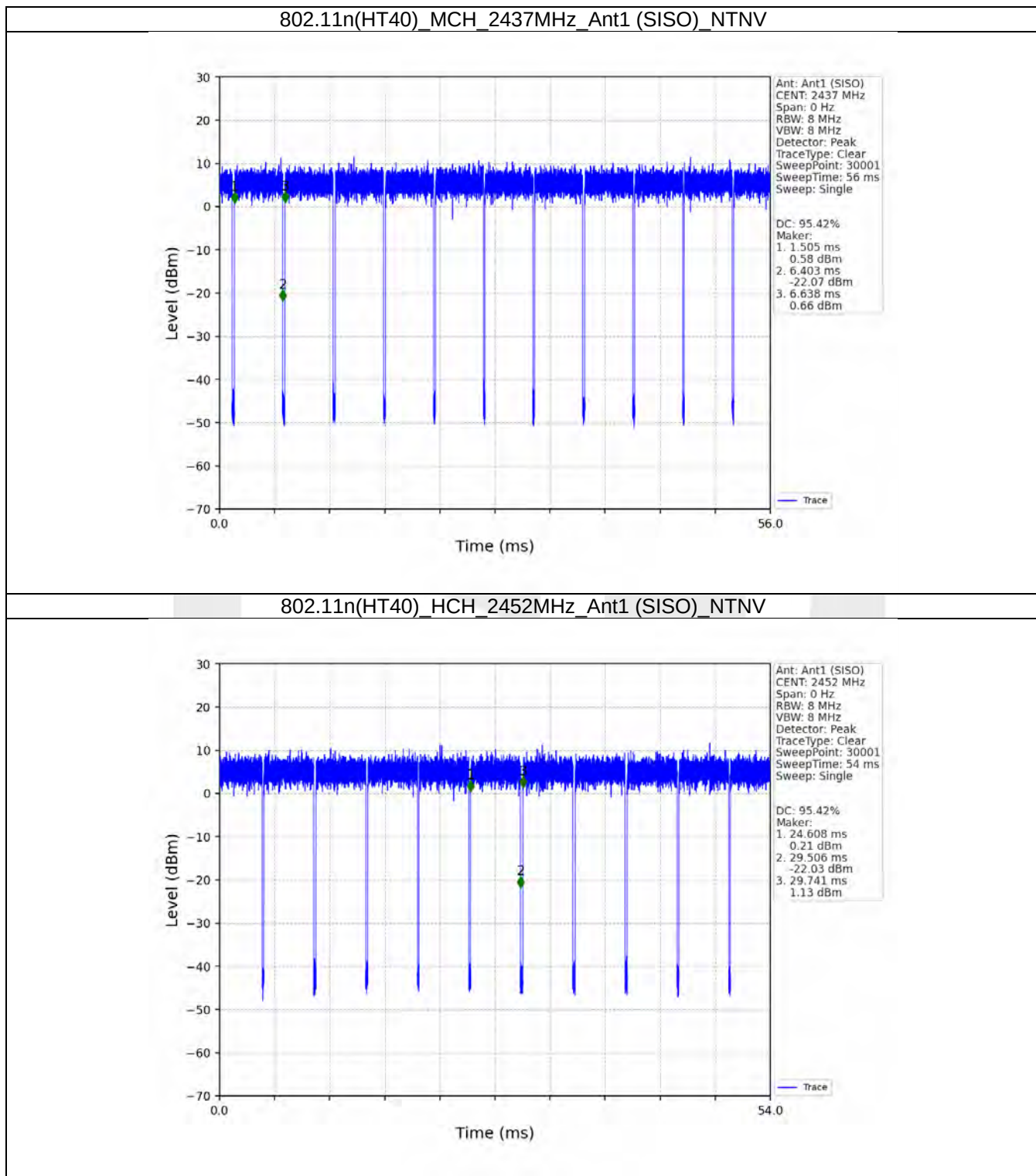
802.11n(HT20)_LCH_2412MHz_Ant1 (SISO)_NTNV

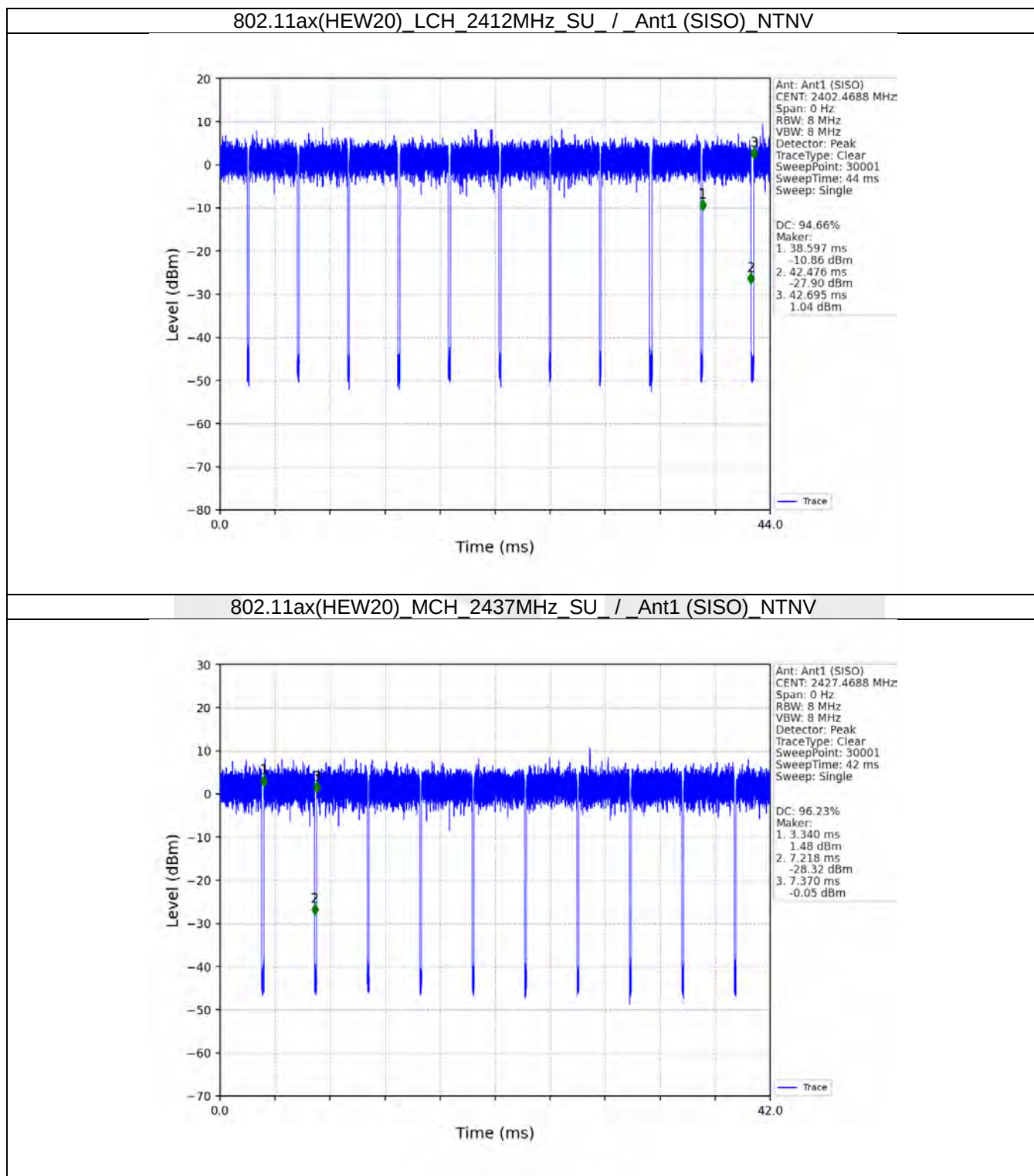


802.11n(HT20)_MCH_2437MHz_Ant1 (SISO)_NTNV

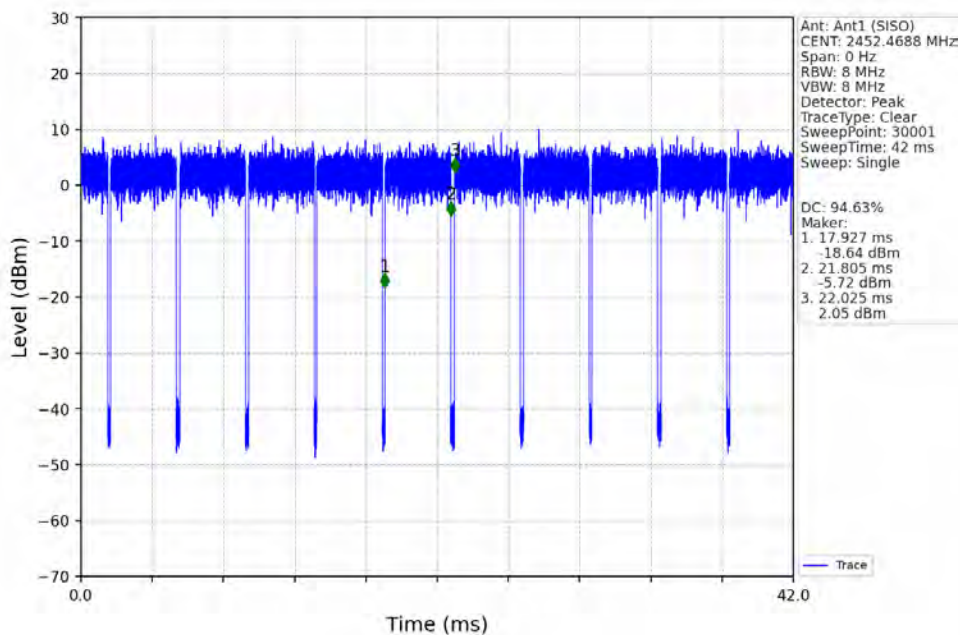




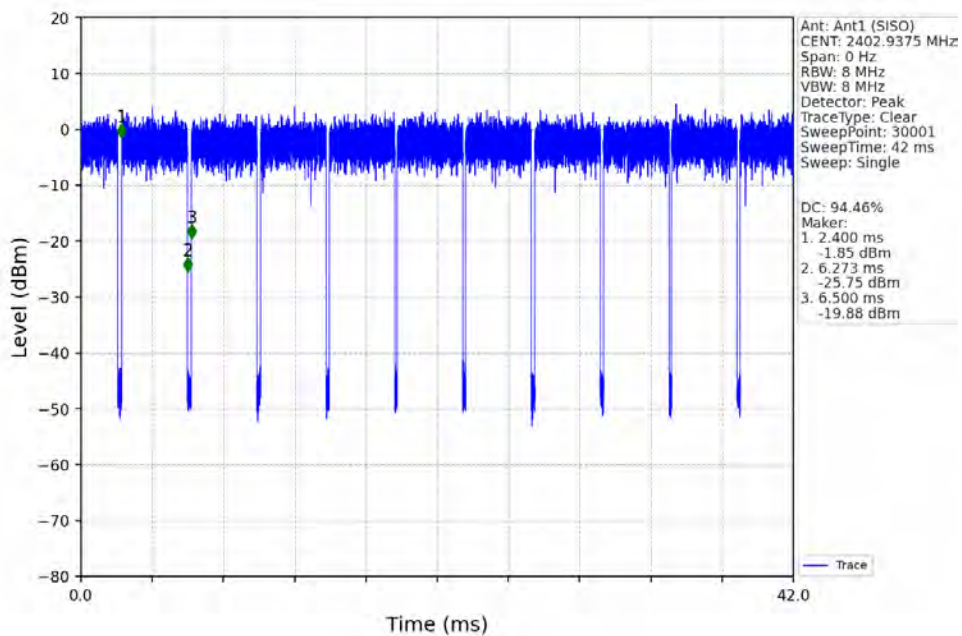


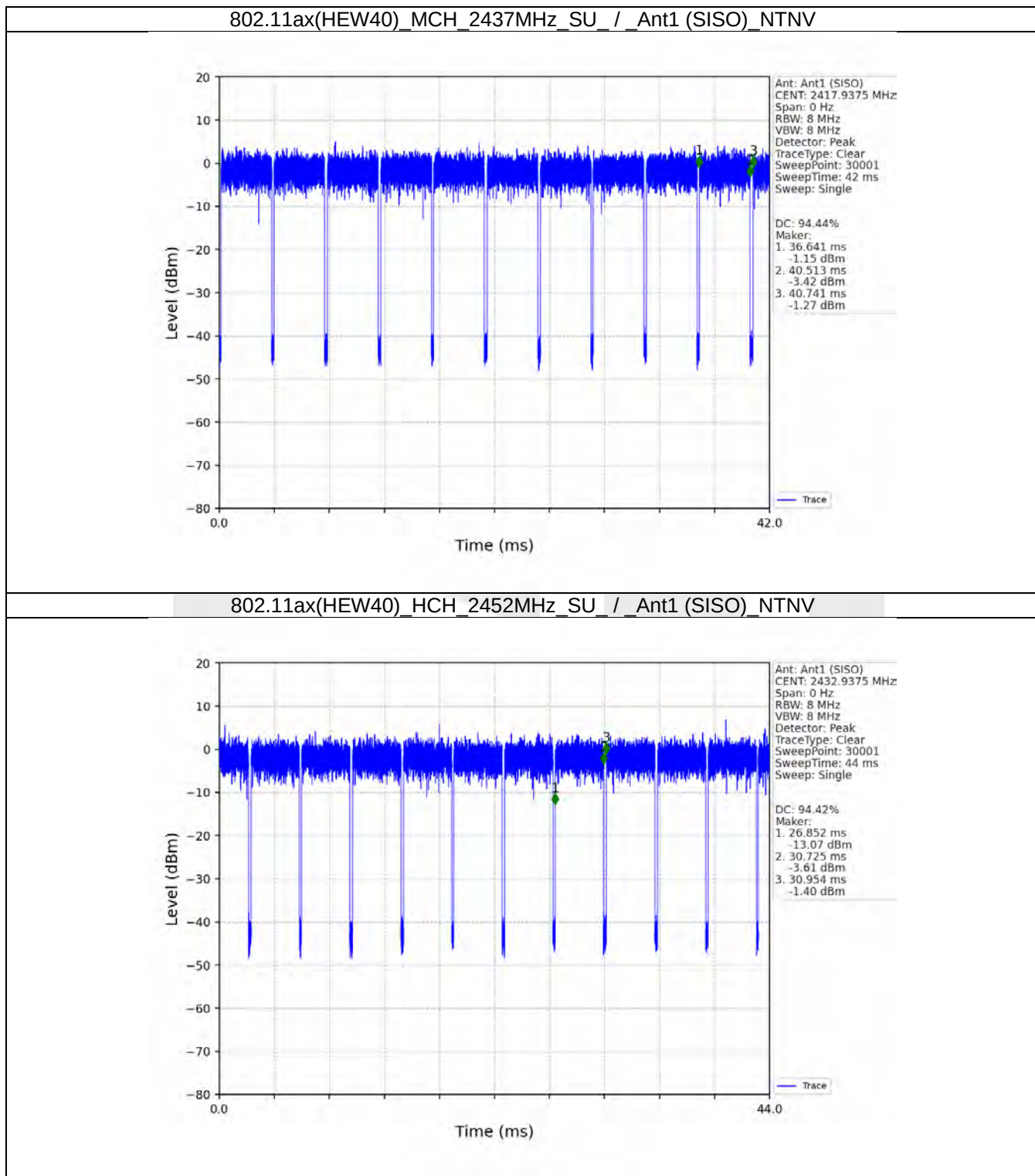


802.11ax(HEW20)_HCH_2462MHz_SU_ / _Ant1 (SISO)_NTNV



802.11ax(HEW40)_LCH_2422MHz_SU_ / _Ant1 (SISO)_NTNV





2. Bandwidth

2.1 Test Result

2.1.1 OBW

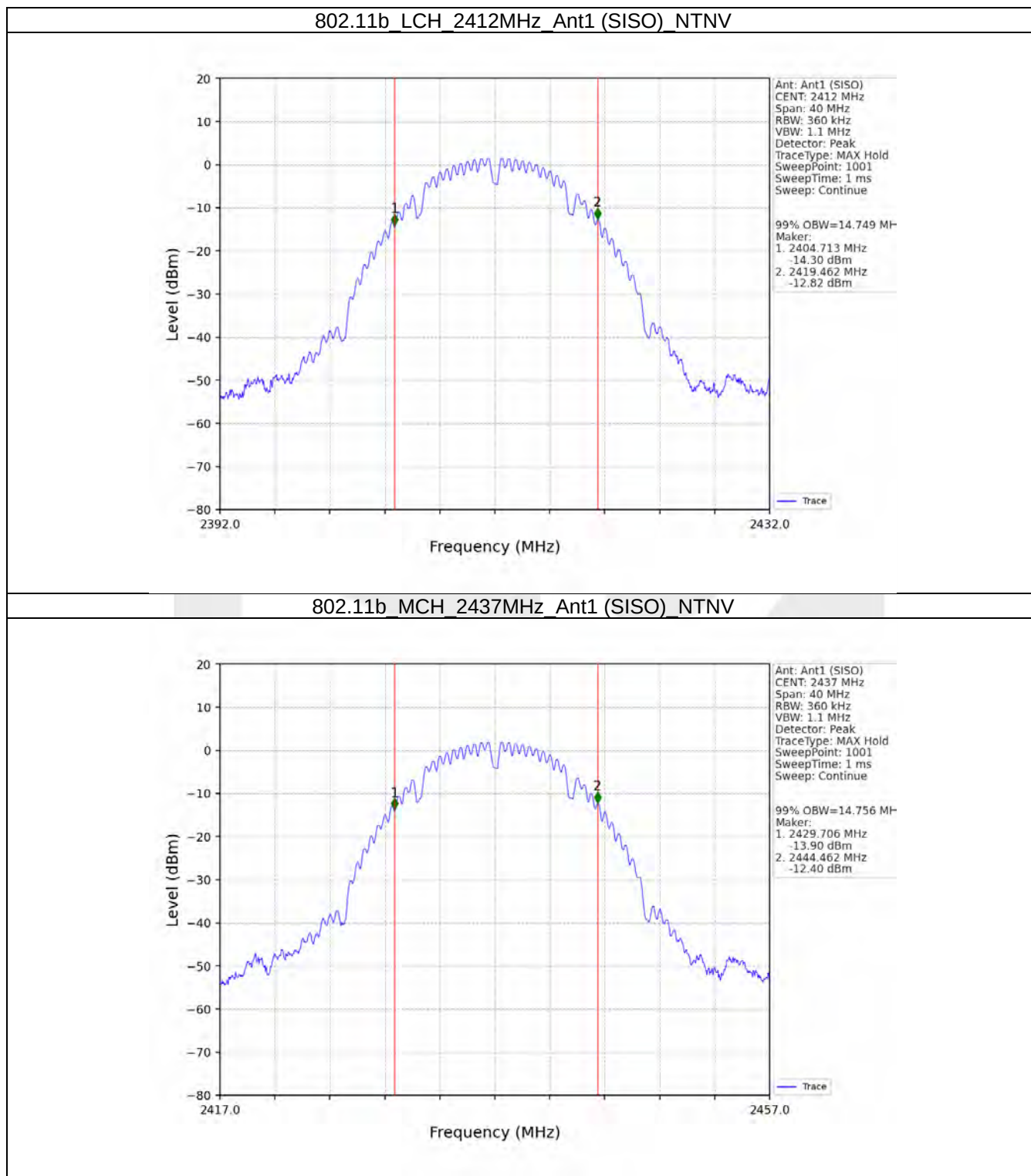
Mode	TX Type	Frequency (MHz)	RU	RU Pos	ANT	99% Occupied Bandwidth (MHz)		Verdict
						Result	Limit	
802.11b	SISO	2412	/	/	1	14.749	/	Pass
		2437	/	/	1	14.756	/	Pass
		2462	/	/	1	14.765	/	Pass
802.11g	SISO	2412	/	/	1	18.283	/	Pass
		2437	/	/	1	18.380	/	Pass
		2462	/	/	1	18.418	/	Pass
802.11n (HT20)	SISO	2412	/	/	1	19.299	/	Pass
		2437	/	/	1	19.317	/	Pass
		2462	/	/	1	19.319	/	Pass
802.11n (HT40)	SISO	2422	/	/	1	37.307	/	Pass
		2437	/	/	1	37.375	/	Pass
		2452	/	/	1	37.199	/	Pass
802.11ax (HEW20)	SISO	2412	SU	/	1	19.680	/	Pass
		2437	SU	/	1	19.590	/	Pass
		2462	SU	/	1	19.582	/	Pass
802.11ax (HEW40)	SISO	2422	SU	/	1	38.456	/	Pass
		2437	SU	/	1	38.329	/	Pass
		2452	SU	/	1	38.374	/	Pass

2.1.2 6dB BW

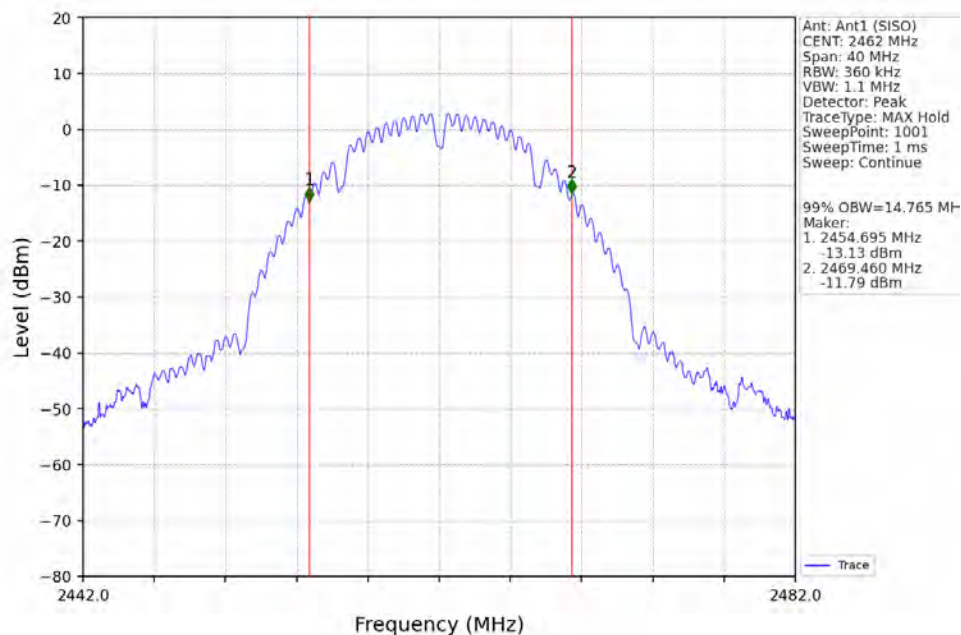
Mode	TX Type	Frequency (MHz)	RU	RU Pos	ANT	6dB Bandwidth (MHz)		Verdict
						Result	Limit	
802.11b	SISO	2412	/	/	1	10.173	>=0.5	Pass
		2437	/	/	1	10.174	>=0.5	Pass
		2462	/	/	1	10.176	>=0.5	Pass
802.11g	SISO	2412	/	/	1	16.476	>=0.5	Pass
		2437	/	/	1	16.477	>=0.5	Pass
		2462	/	/	1	16.553	>=0.5	Pass
802.11n (HT20)	SISO	2412	/	/	1	17.465	>=0.5	Pass
		2437	/	/	1	17.744	>=0.5	Pass
		2462	/	/	1	17.746	>=0.5	Pass
802.11n (HT40)	SISO	2422	/	/	1	35.759	>=0.5	Pass
		2437	/	/	1	36.121	>=0.5	Pass
		2452	/	/	1	35.797	>=0.5	Pass
802.11ax (HEW20)	SISO	2412	SU	/	1	18.111	>=0.5	Pass
		2437	SU	/	1	18.805	>=0.5	Pass
		2462	SU	/	1	18.707	>=0.5	Pass
802.11ax (HEW40)	SISO	2422	SU	/	1	36.660	>=0.5	Pass
		2437	SU	/	1	37.020	>=0.5	Pass
		2452	SU	/	1	37.058	>=0.5	Pass

2.2 Test Graph

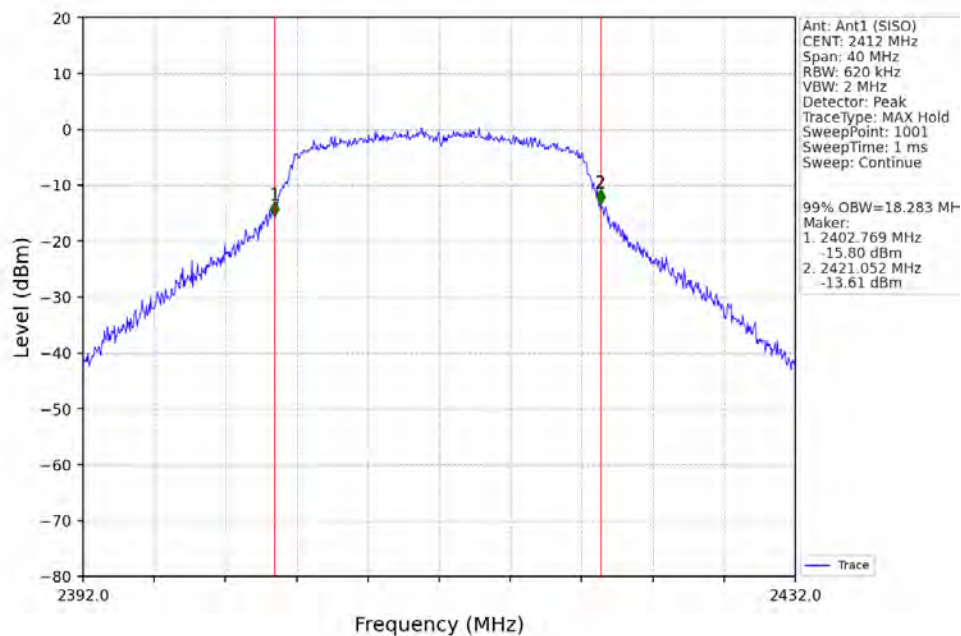
2.2.1 OBW

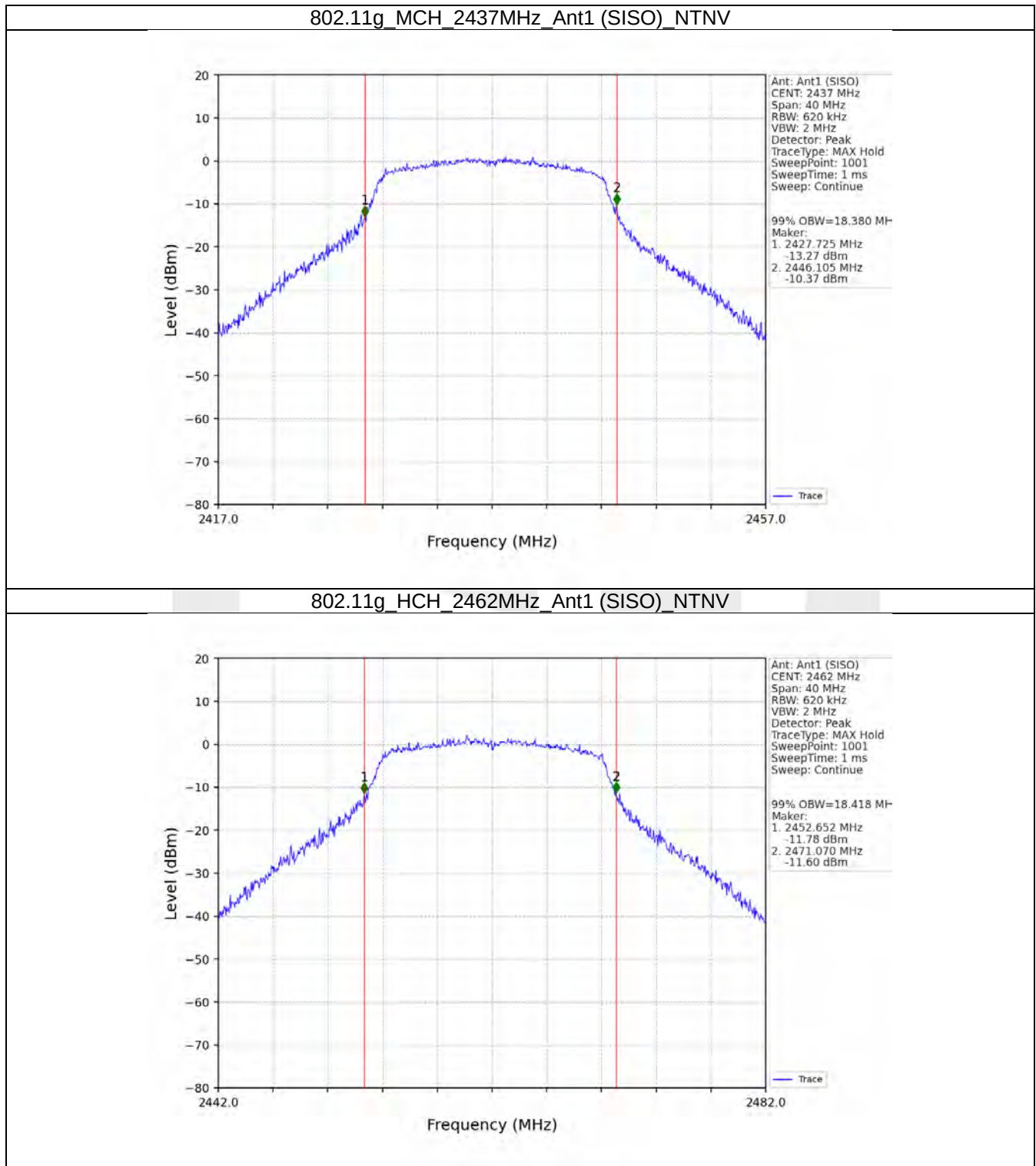


802.11b_HCH_2462MHz_Ant1 (SISO)_NTNV

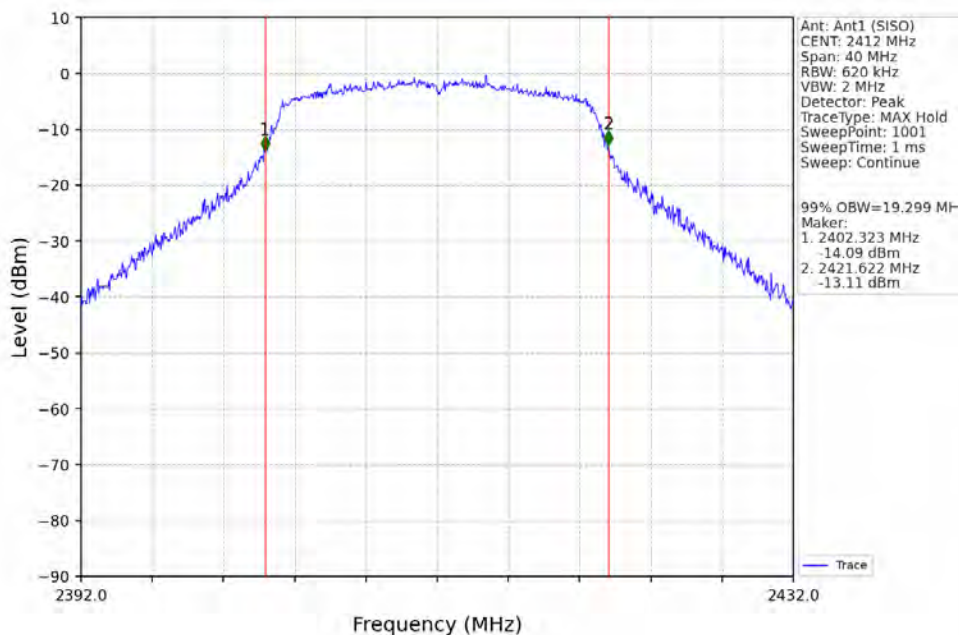


802.11g_LCH_2412MHz_Ant1 (SISO)_NTNV

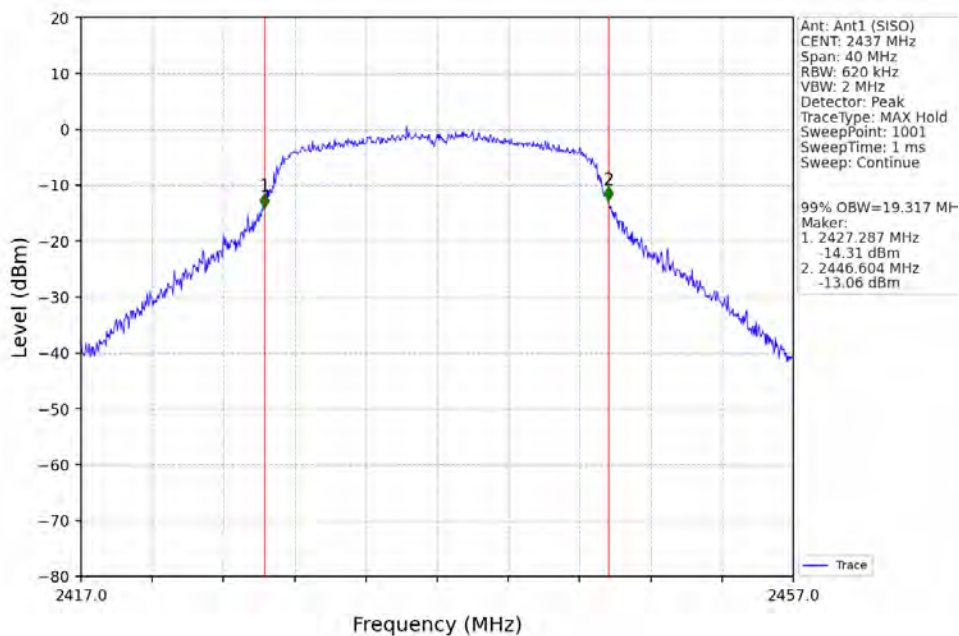


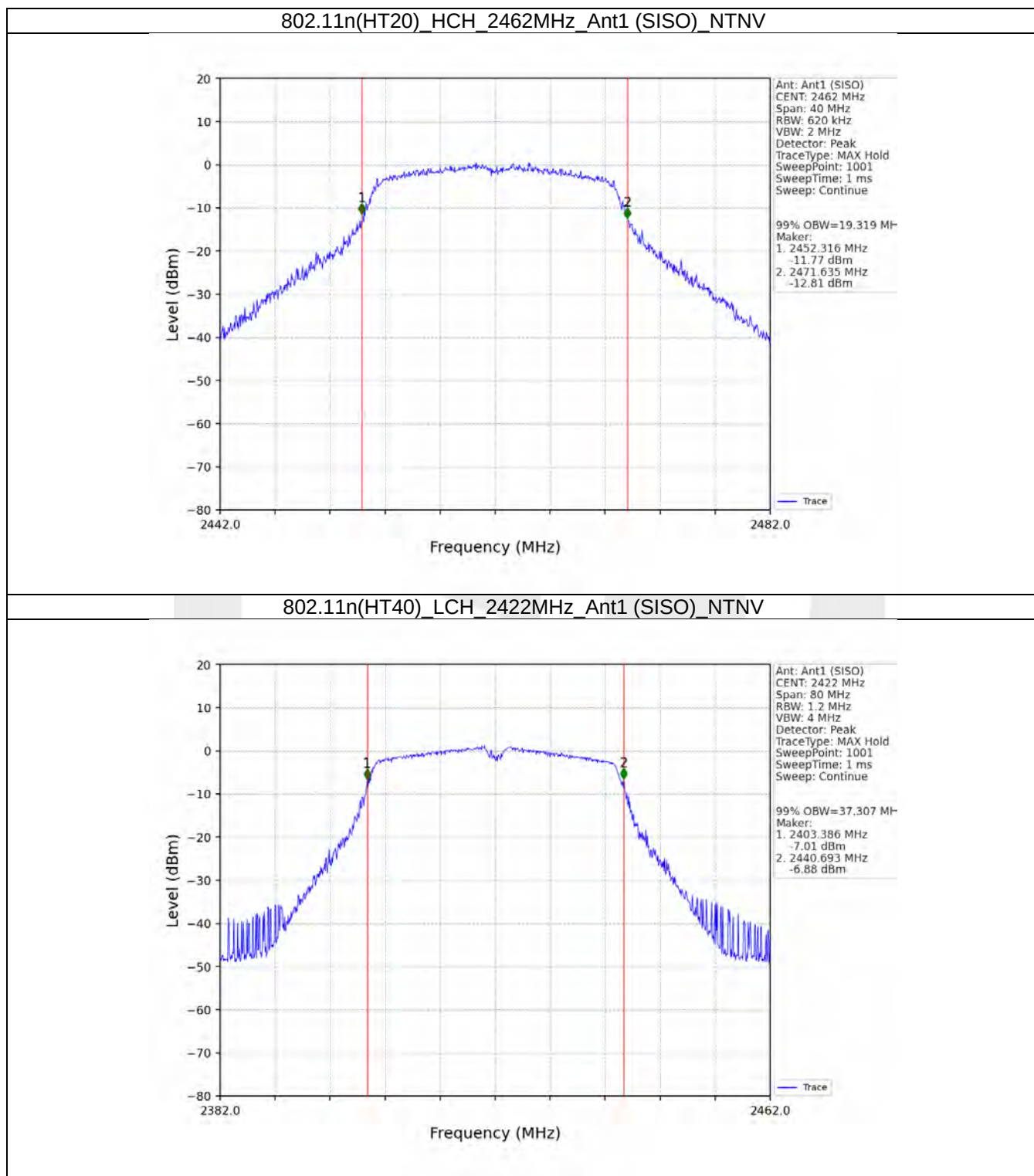


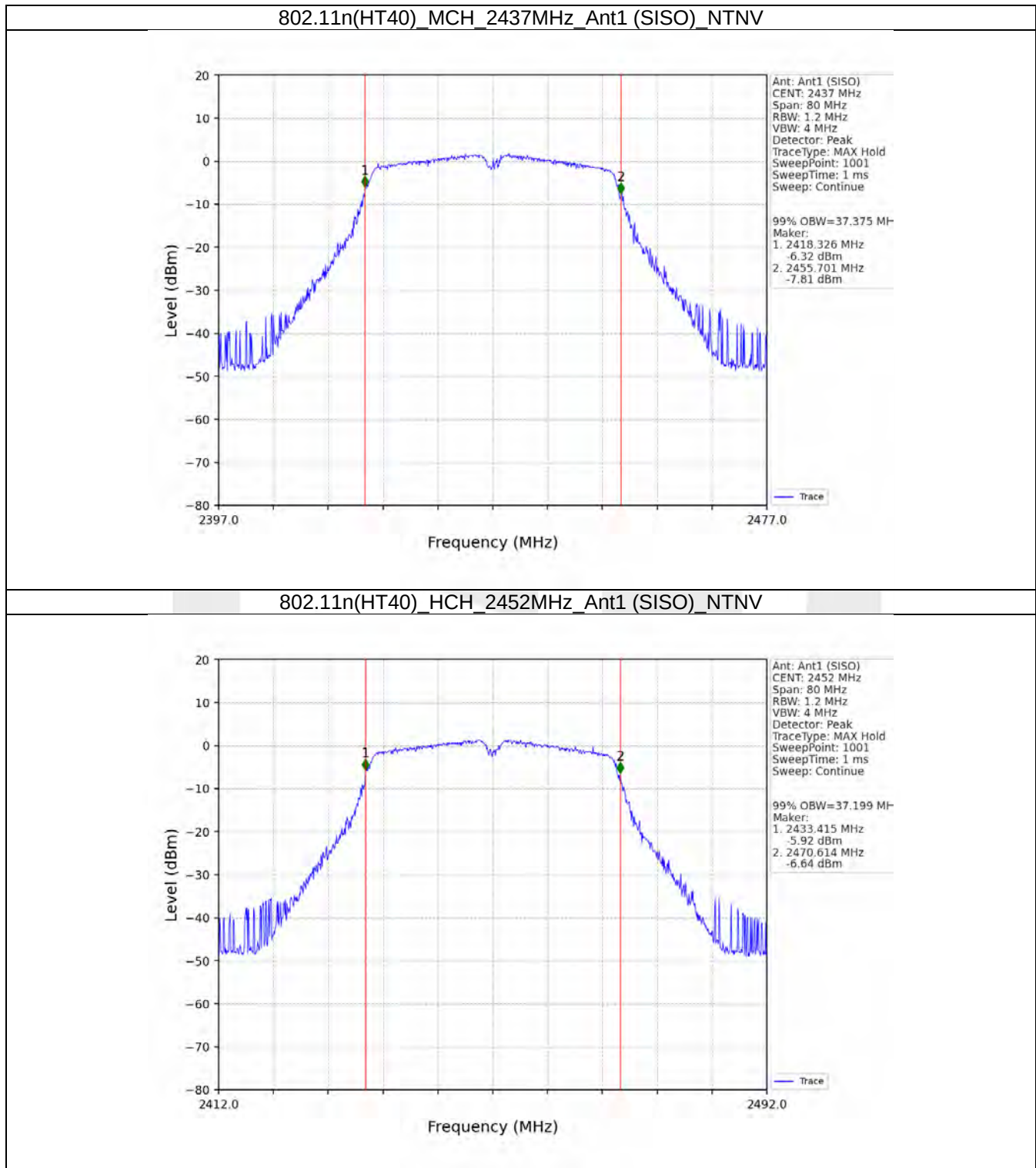
802.11n(HT20)_LCH_2412MHz_Ant1 (SISO)_NTNV

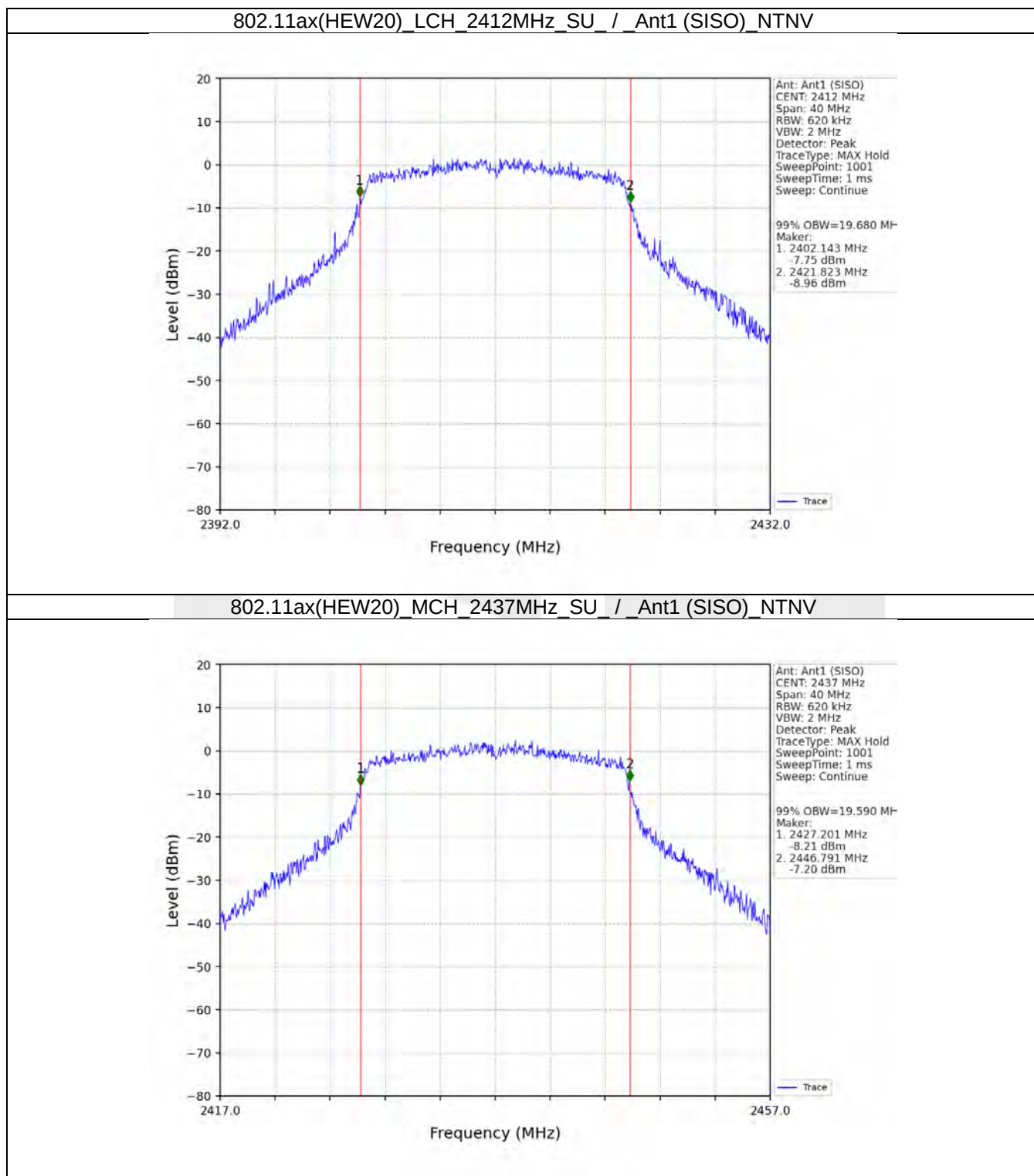


802.11n(HT20)_MCH_2437MHz_Ant1 (SISO)_NTNV

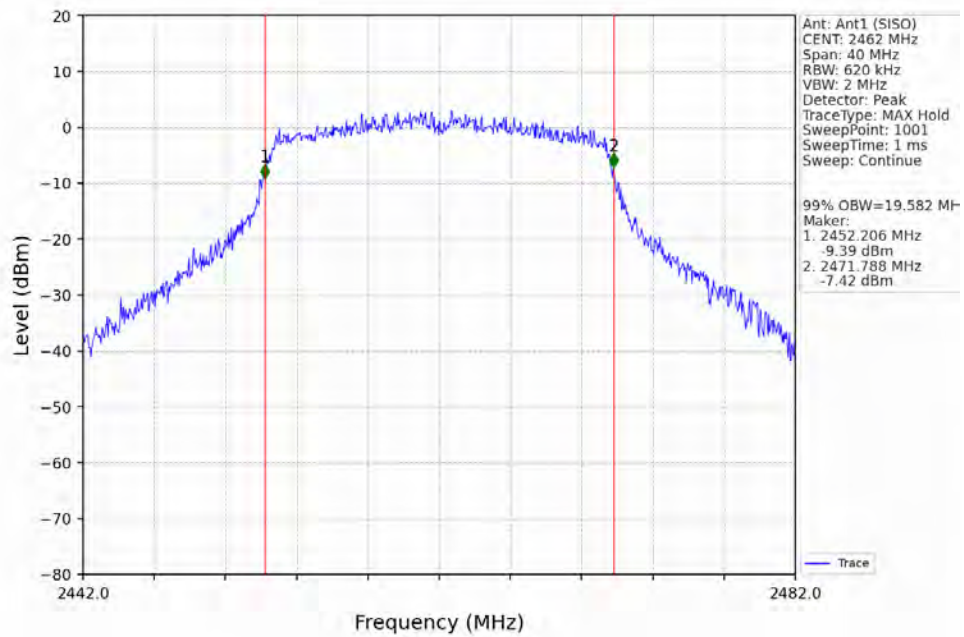




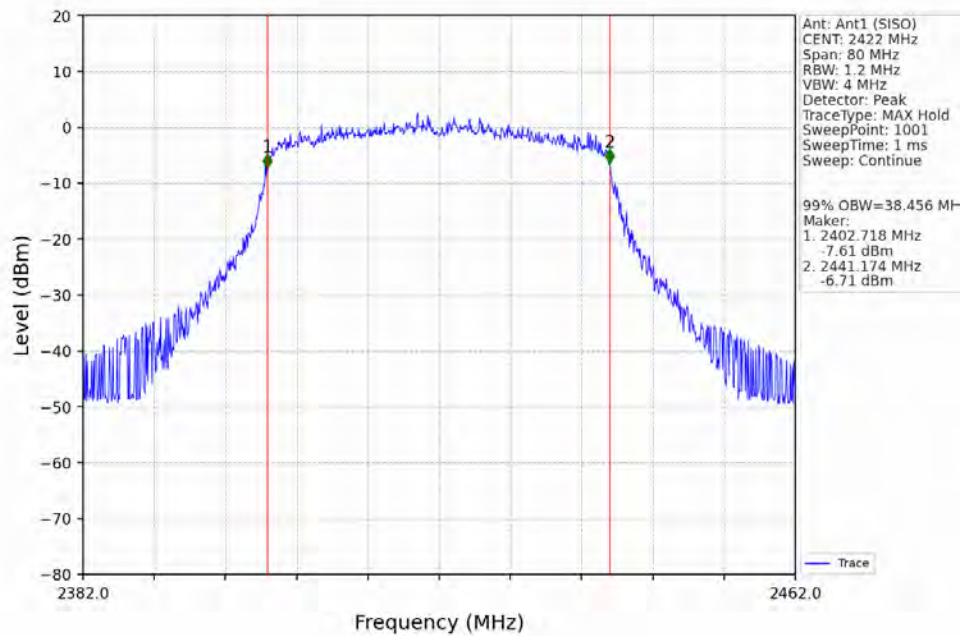




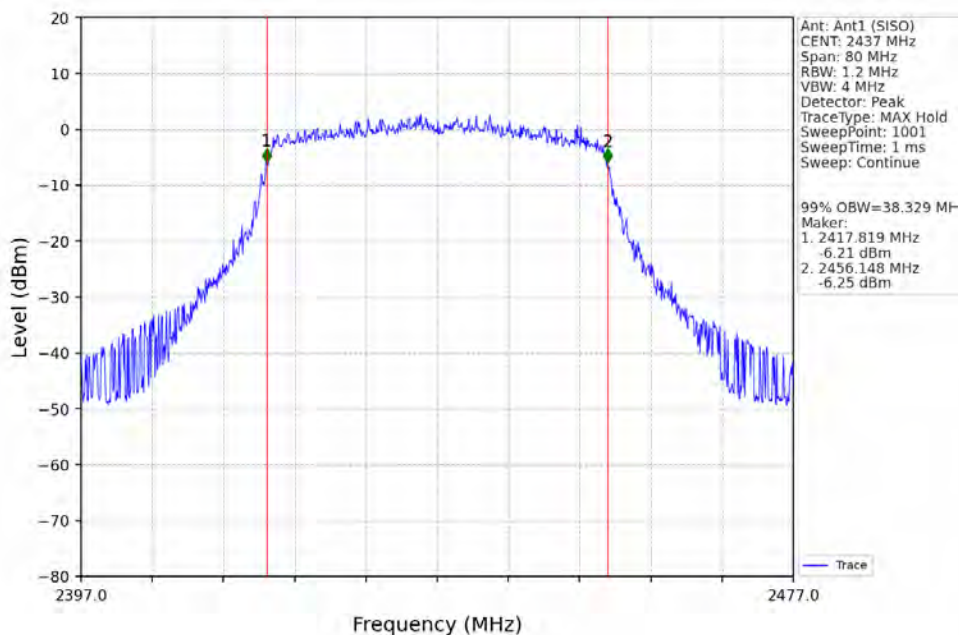
802.11ax(HEW20)_HCH_2462MHz_SU_ / _Ant1 (SISO)_NTNV



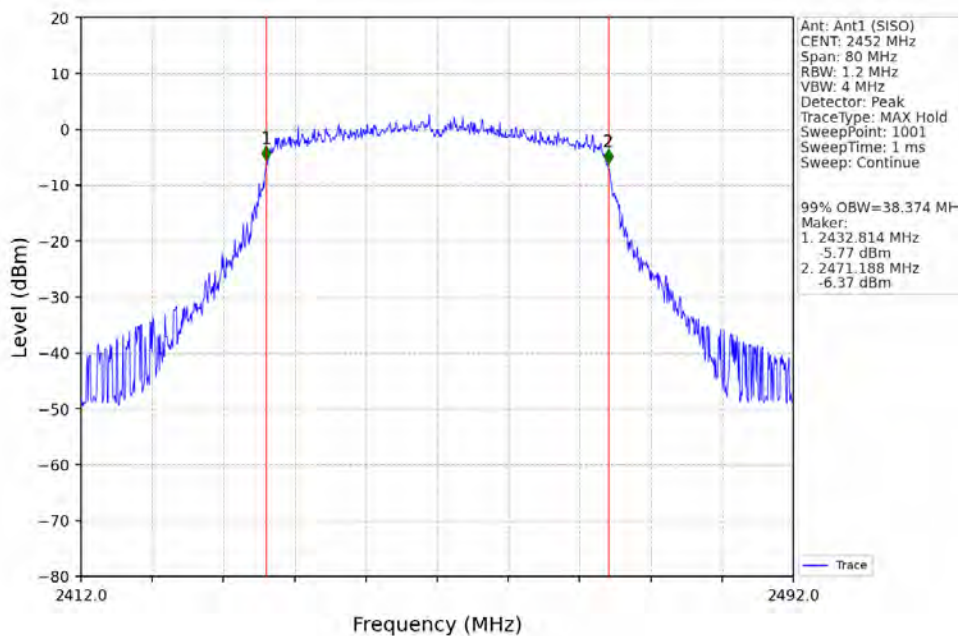
802.11ax(HEW40)_LCH_2422MHz_SU_ / _Ant1 (SISO)_NTNV



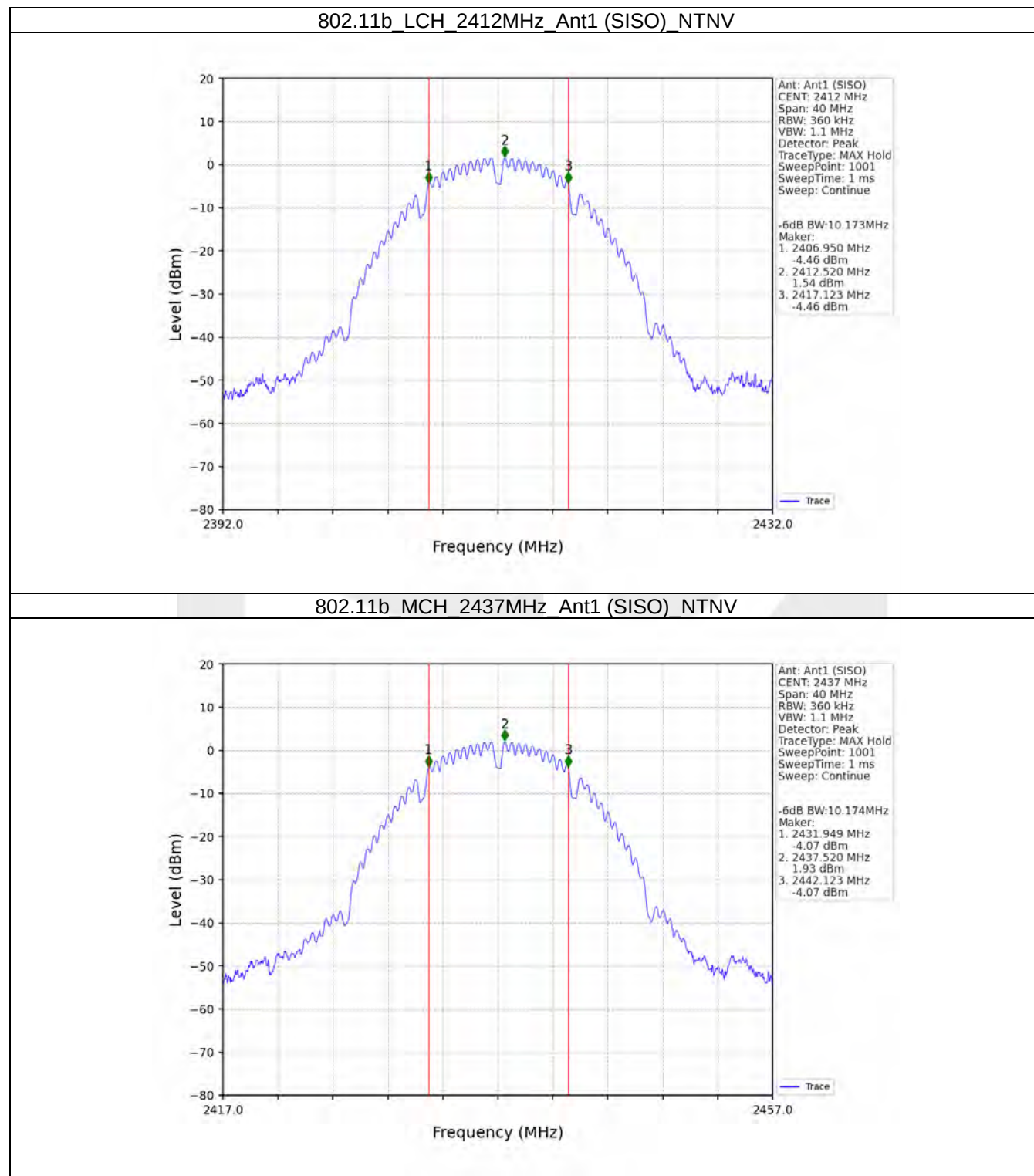
802.11ax(HEW40)_MCH_2437MHz_SU / _Ant1 (SISO)_NTNV

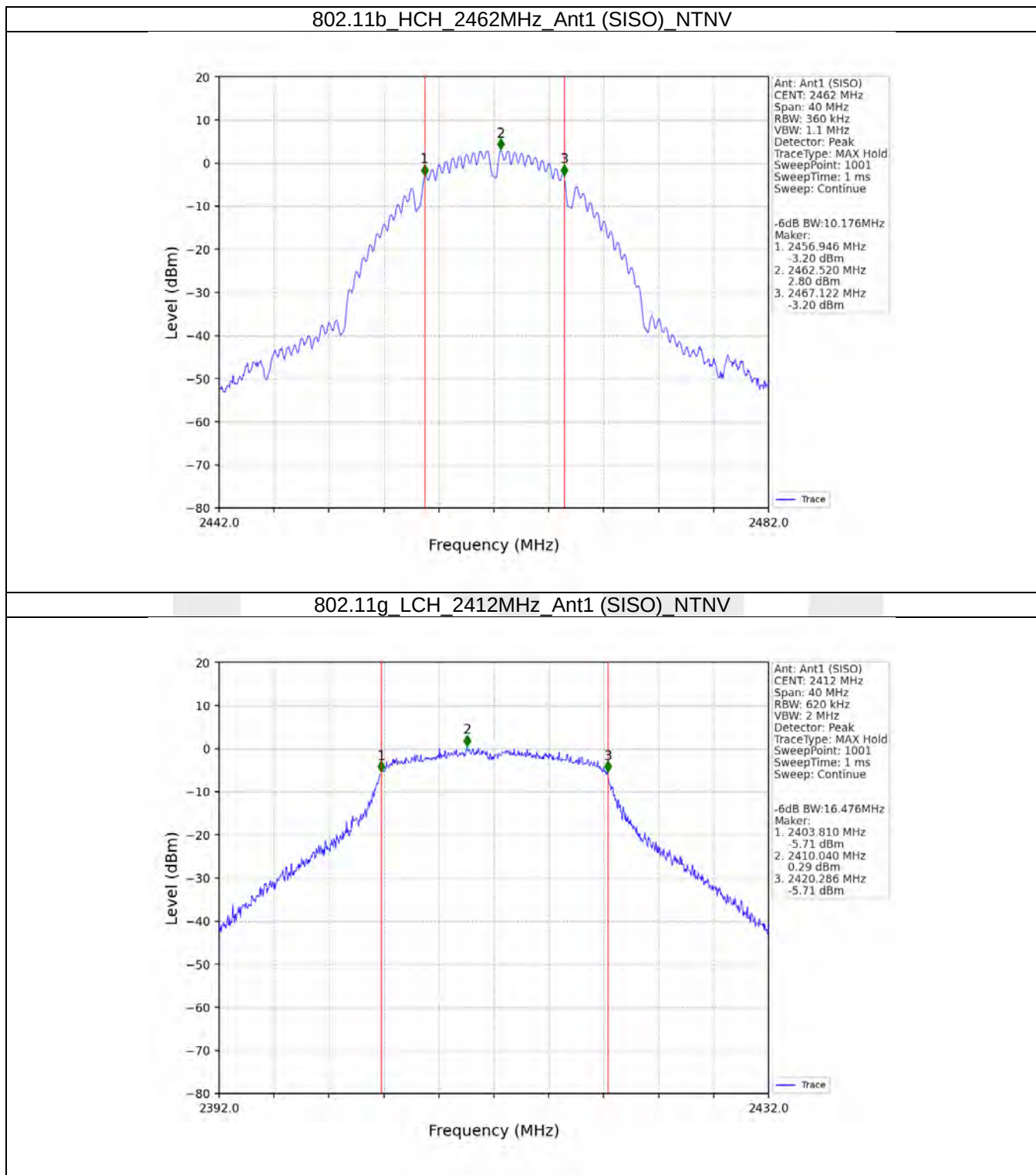


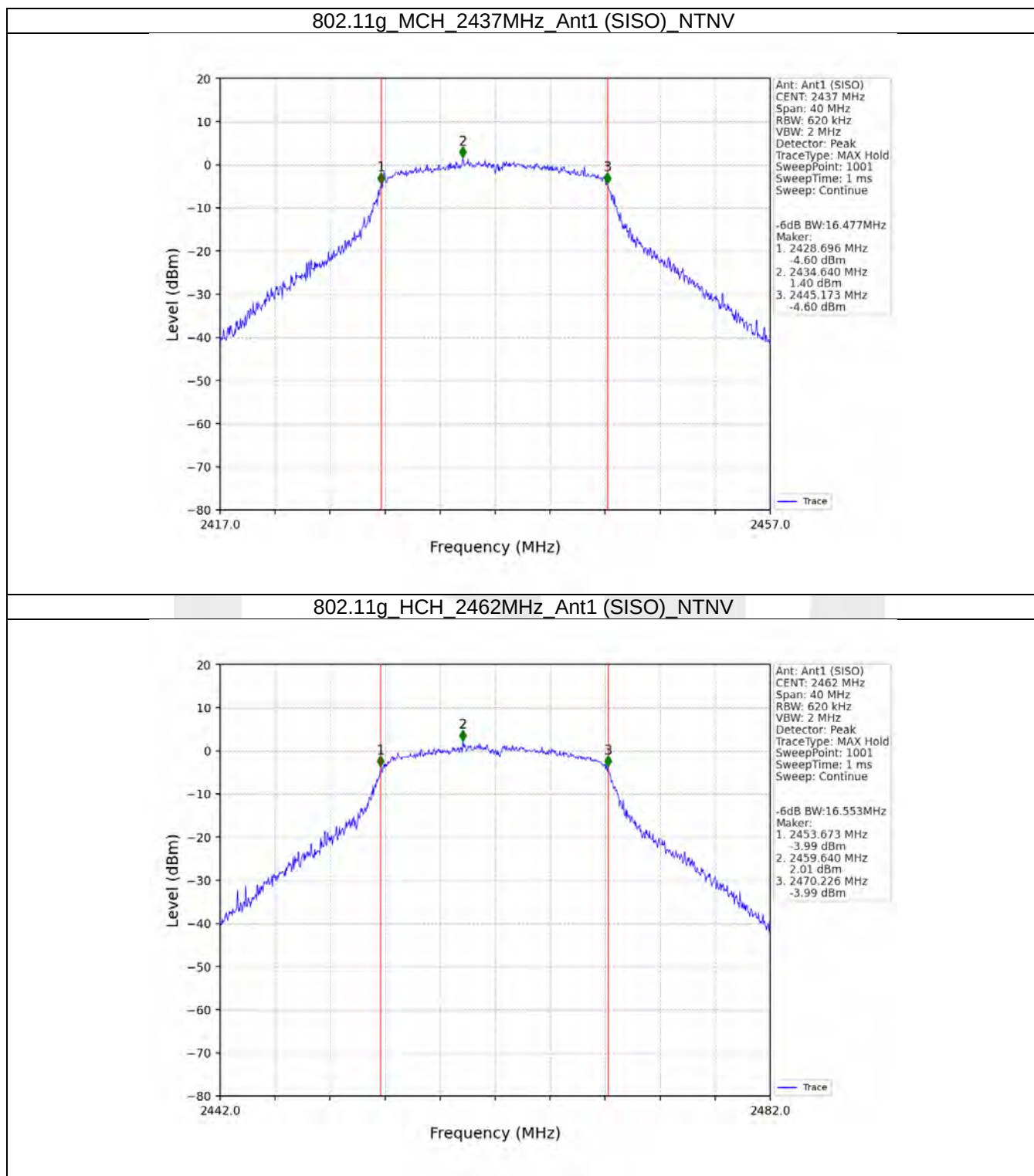
802.11ax(HEW40)_HCH_2452MHz_SU / _Ant1 (SISO)_NTNV



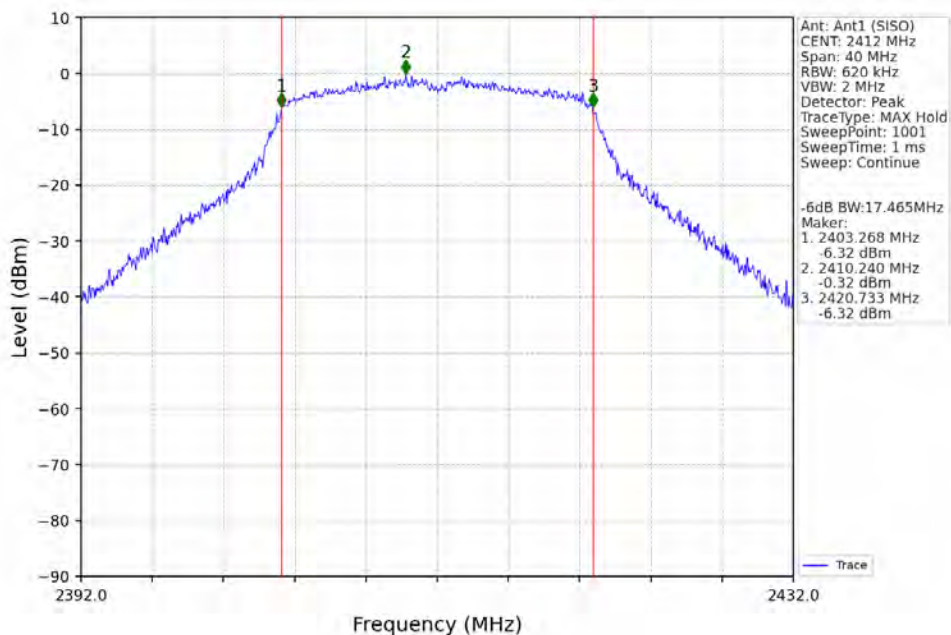
2.2.2 6dB BW



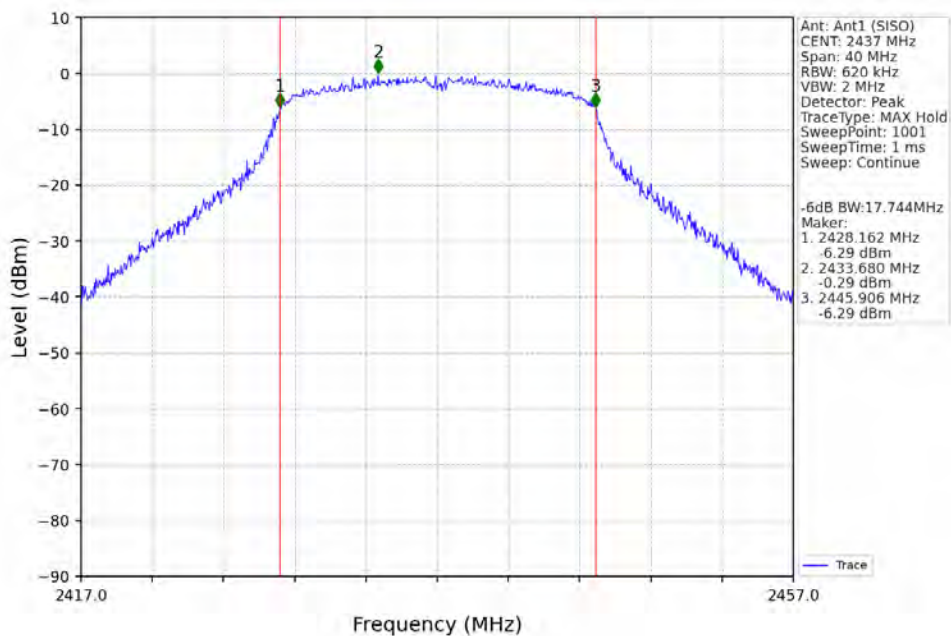


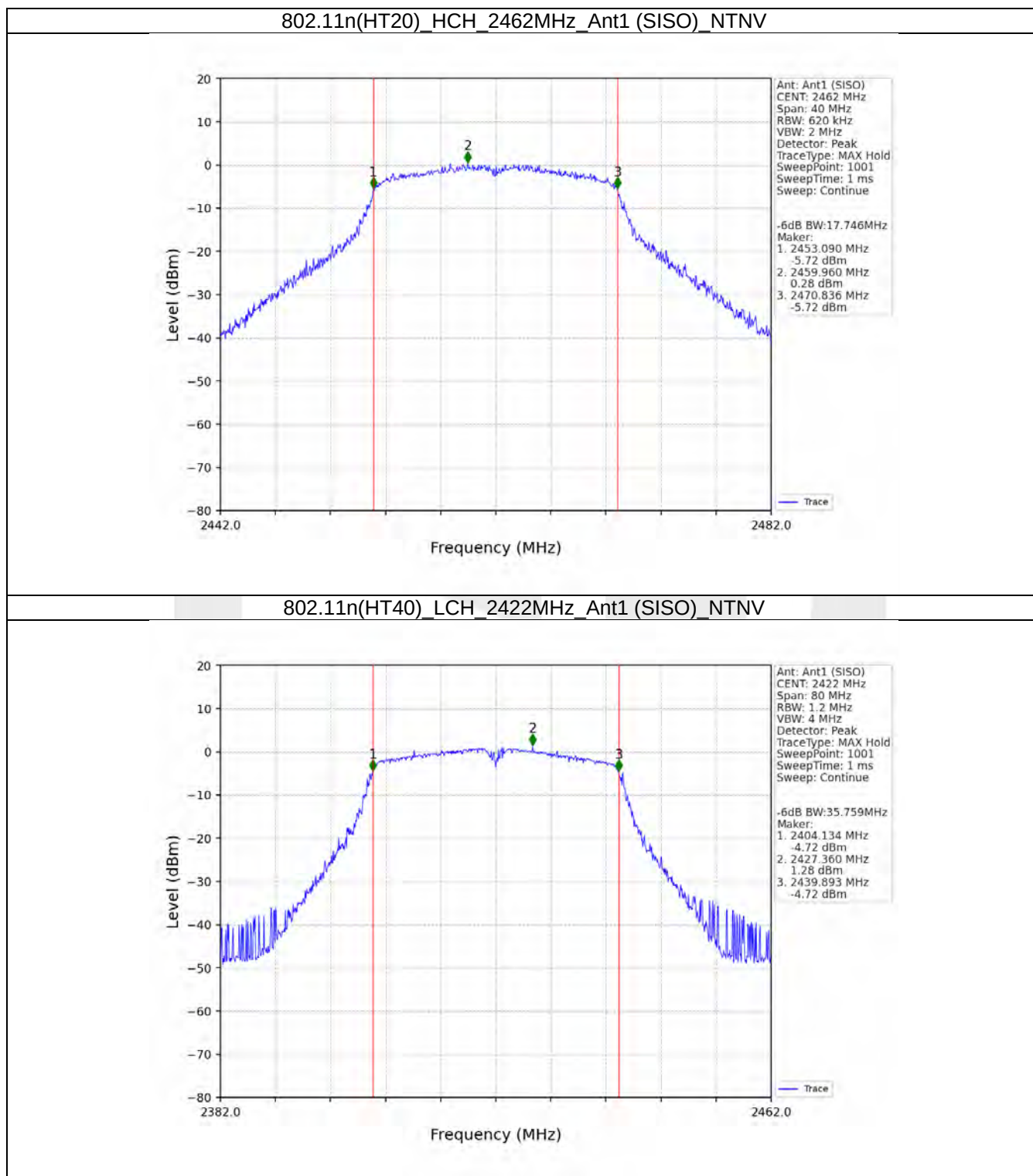


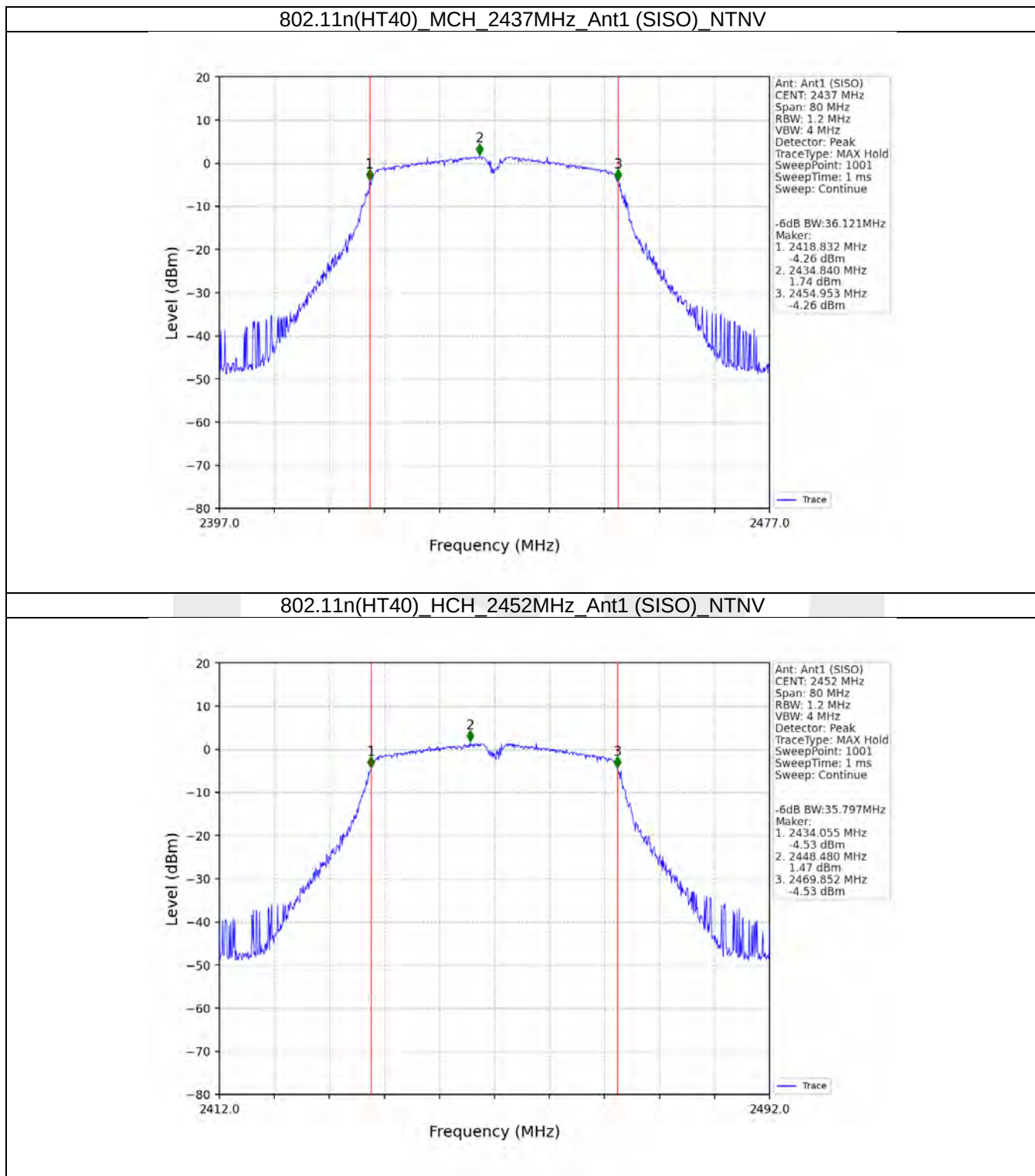
802.11n(HT20)_LCH_2412MHz_Ant1 (SISO)_NTNV

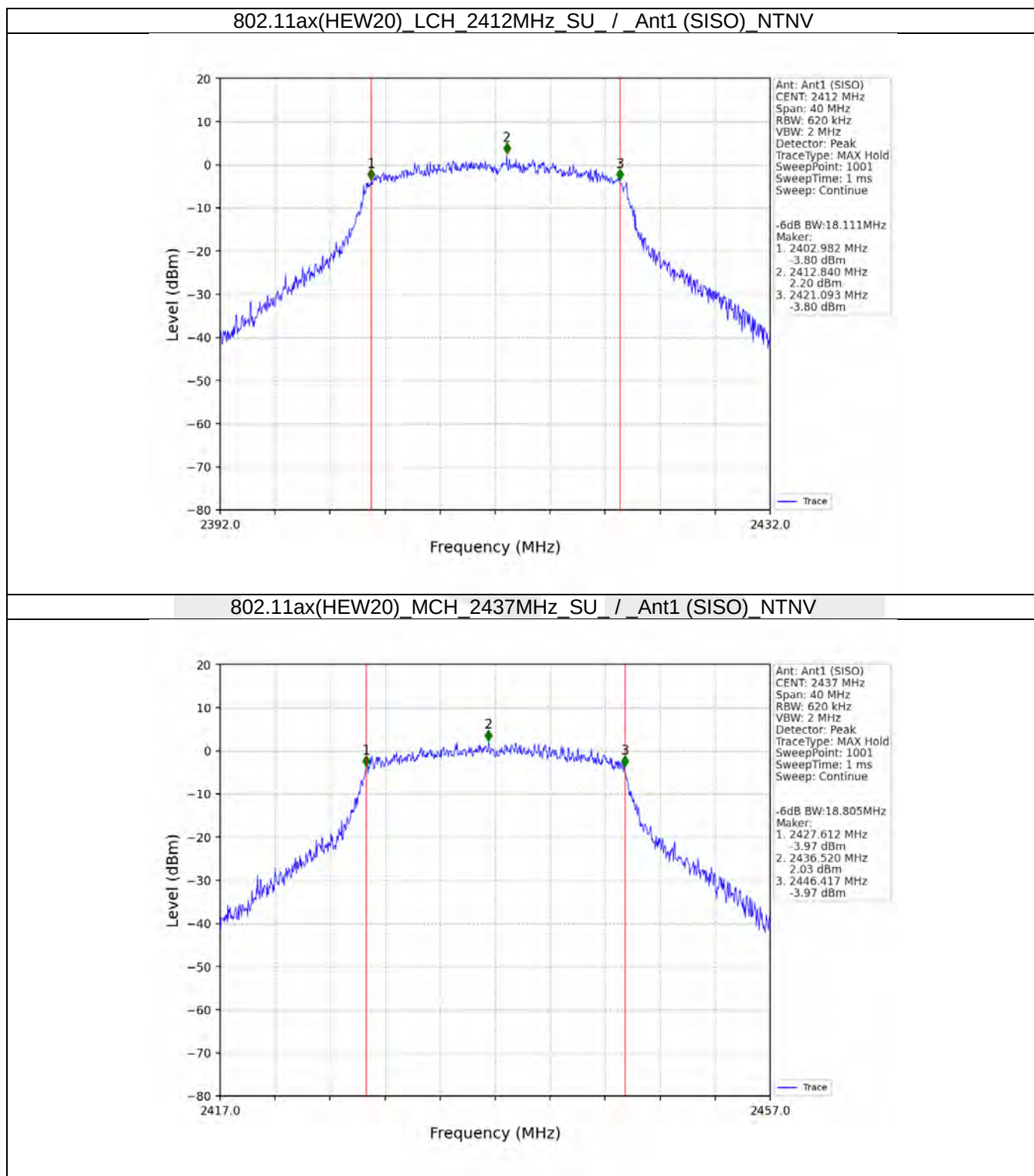


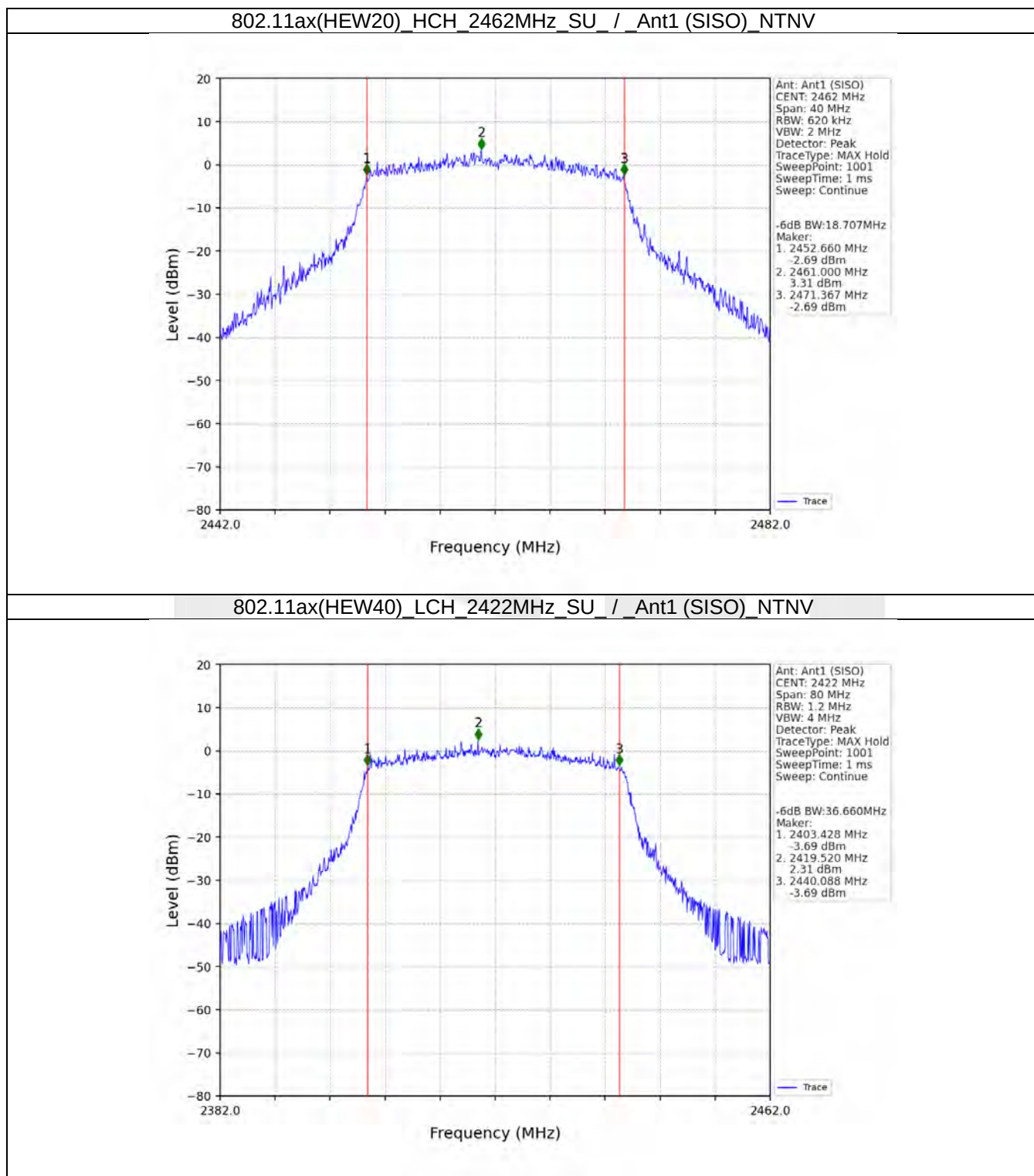
802.11n(HT20)_MCH_2437MHz_Ant1 (SISO)_NTNV



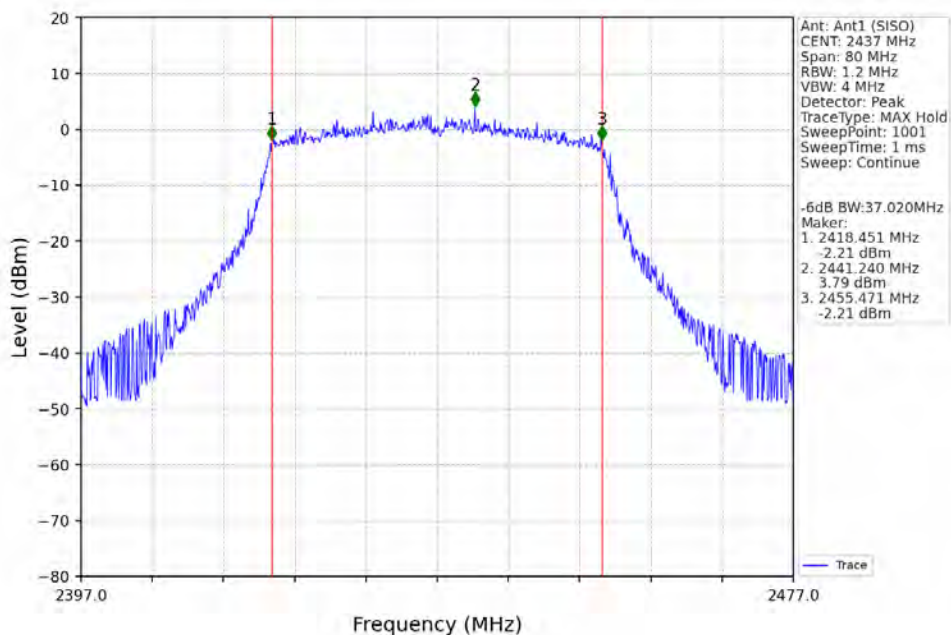




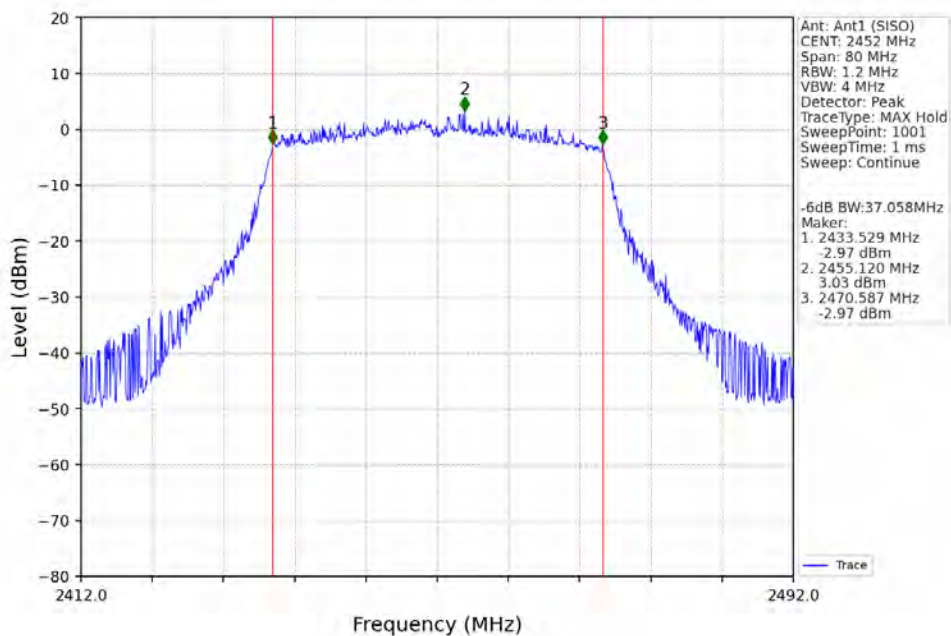




802.11ax(HEW40)_MCH_2437MHz_SU / _Ant1 (SISO)_NTNV



802.11ax(HEW40)_HCH_2452MHz_SU / _Ant1 (SISO)_NTNV



3. Maximum Conducted Output Power

3.1 Test Result

3.1.1 Power

Mode	TX Type	Frequency (MHz)	RU	RU Pos	Maximum Peak Conducted Output Power (dBm)		Verdict
					ANT1	Limit	
802.11b	SISO	2412	/	/	12.60	<=30	Pass
		2437	/	/	12.99	<=30	Pass
		2462	/	/	13.87	<=30	Pass
802.11g	SISO	2412	/	/	12.75	<=30	Pass
		2437	/	/	13.79	<=30	Pass
		2462	/	/	14.38	<=30	Pass
802.11n (HT20)	SISO	2412	/	/	12.18	<=30	Pass
		2437	/	/	12.71	<=30	Pass
		2462	/	/	13.29	<=30	Pass
802.11n (HT40)	SISO	2422	/	/	13.03	<=30	Pass
		2437	/	/	13.77	<=30	Pass
		2452	/	/	13.50	<=30	Pass
802.11ax (HEW20)	SISO	2412	SU	/	13.31	<=30	Pass
		2437	SU	/	14.01	<=30	Pass
		2462	SU	/	14.48	<=30	Pass
802.11ax (HEW40)	SISO	2422	SU	/	13.24	<=30	Pass
		2437	SU	/	13.91	<=30	Pass
		2452	SU	/	13.71	<=30	Pass

4. Maximum Power Spectral Density

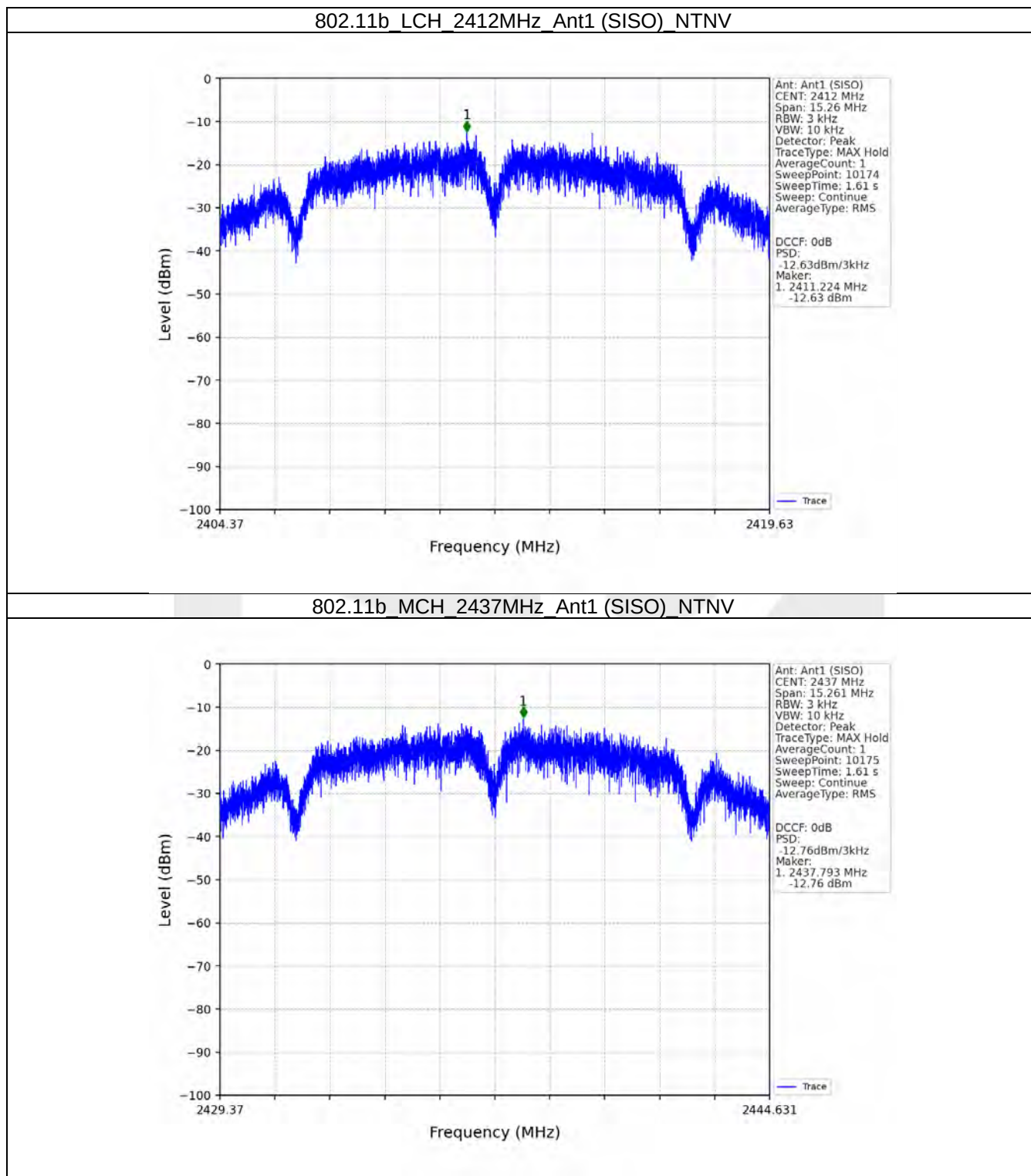
4.1 Test Result

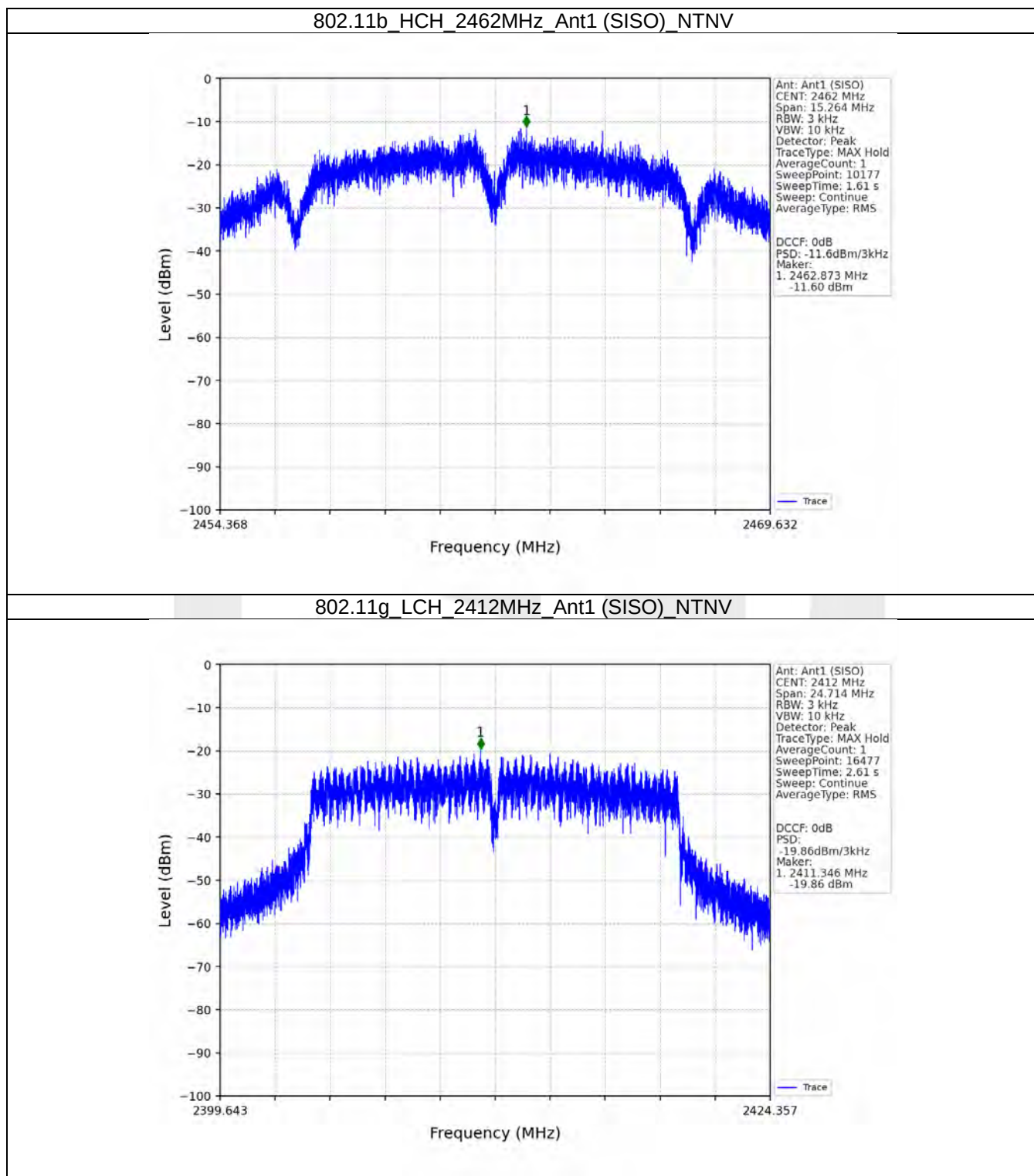
4.1.1 PSD

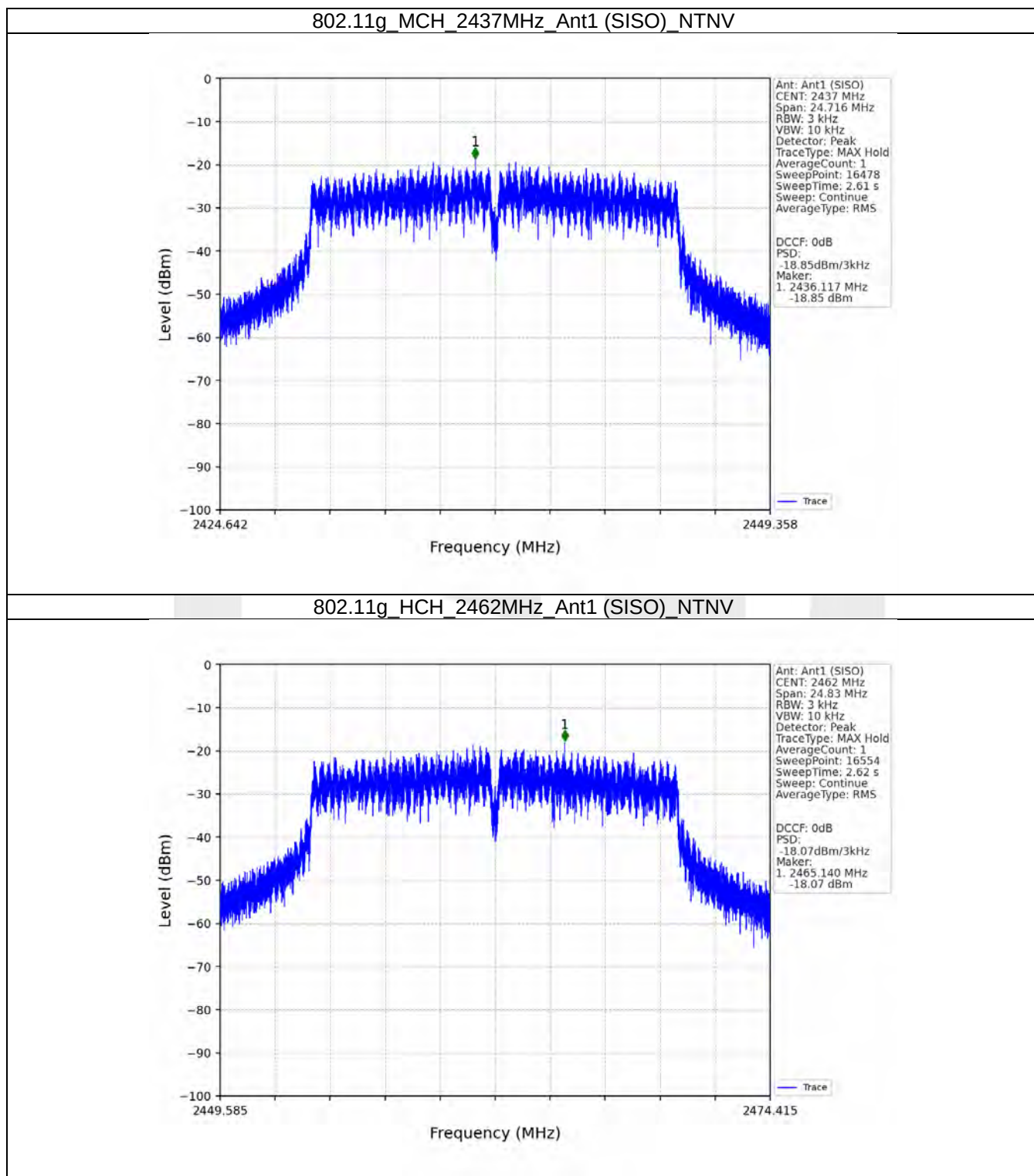
Mode	TX Type	Frequency (MHz)	RU	RU Pos	Maximum PSD (dBm/3kHz)		Verdict
					ANT1	Limit	
802.11b	SISO	2412	/	/	-12.63	<=8	Pass
		2437	/	/	-12.76	<=8	Pass
		2462	/	/	-11.60	<=8	Pass
802.11g	SISO	2412	/	/	-19.86	<=8	Pass
		2437	/	/	-18.85	<=8	Pass
		2462	/	/	-18.07	<=8	Pass
802.11n (HT20)	SISO	2412	/	/	-20.92	<=8	Pass
		2437	/	/	-20.21	<=8	Pass
		2462	/	/	-19.97	<=8	Pass
802.11n (HT40)	SISO	2422	/	/	-20.99	<=8	Pass
		2437	/	/	-21.44	<=8	Pass
		2452	/	/	-22.52	<=8	Pass
802.11ax (HEW20)	SISO	2412	SU	/	-21.31	<=8	Pass
		2437	SU	/	-22.19	<=8	Pass
		2462	SU	/	-20.07	<=8	Pass
802.11ax (HEW40)	SISO	2422	SU	/	-23.86	<=8	Pass
		2437	SU	/	-23.24	<=8	Pass
		2452	SU	/	-23.86	<=8	Pass

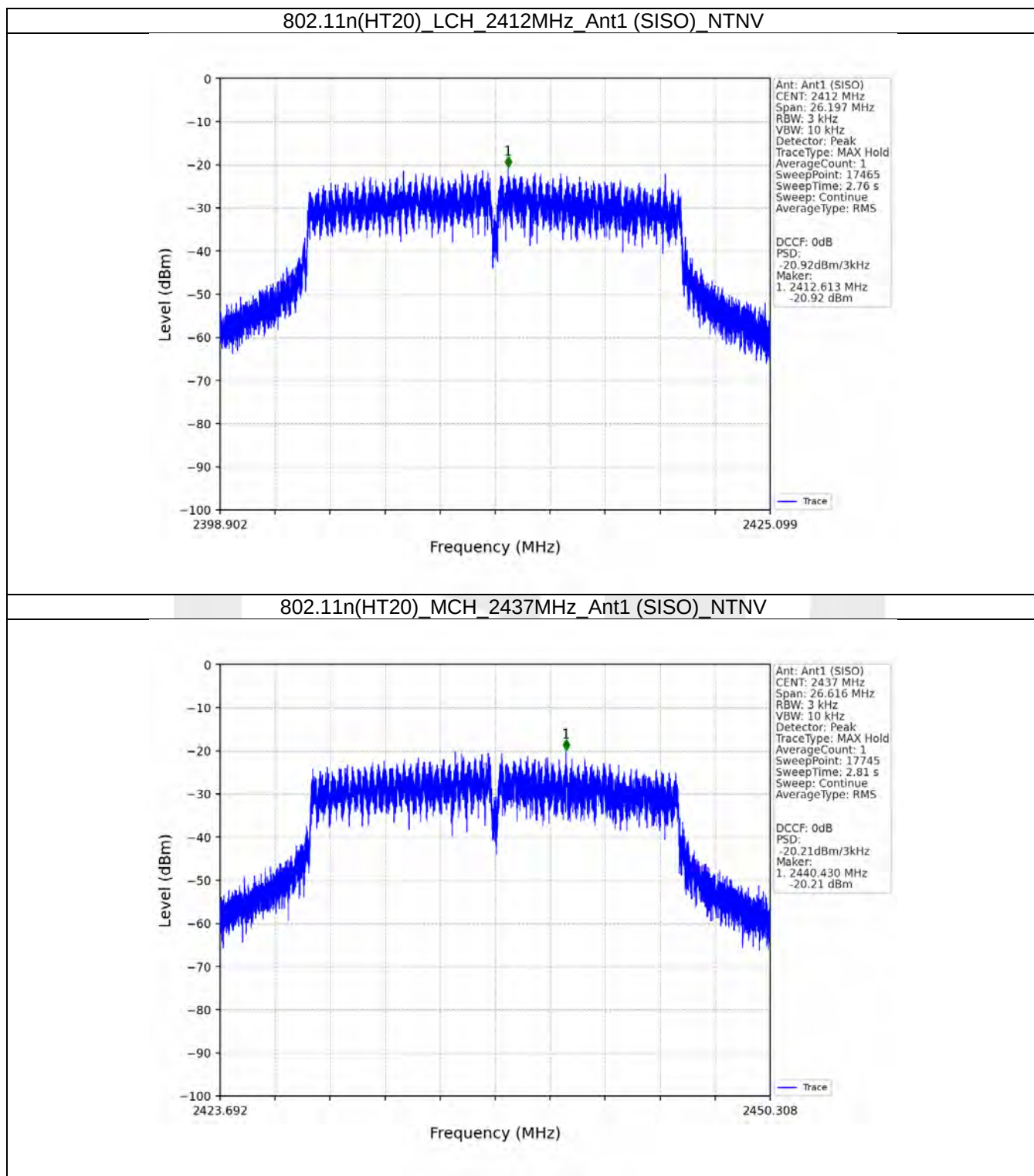
4.2 Test Graph

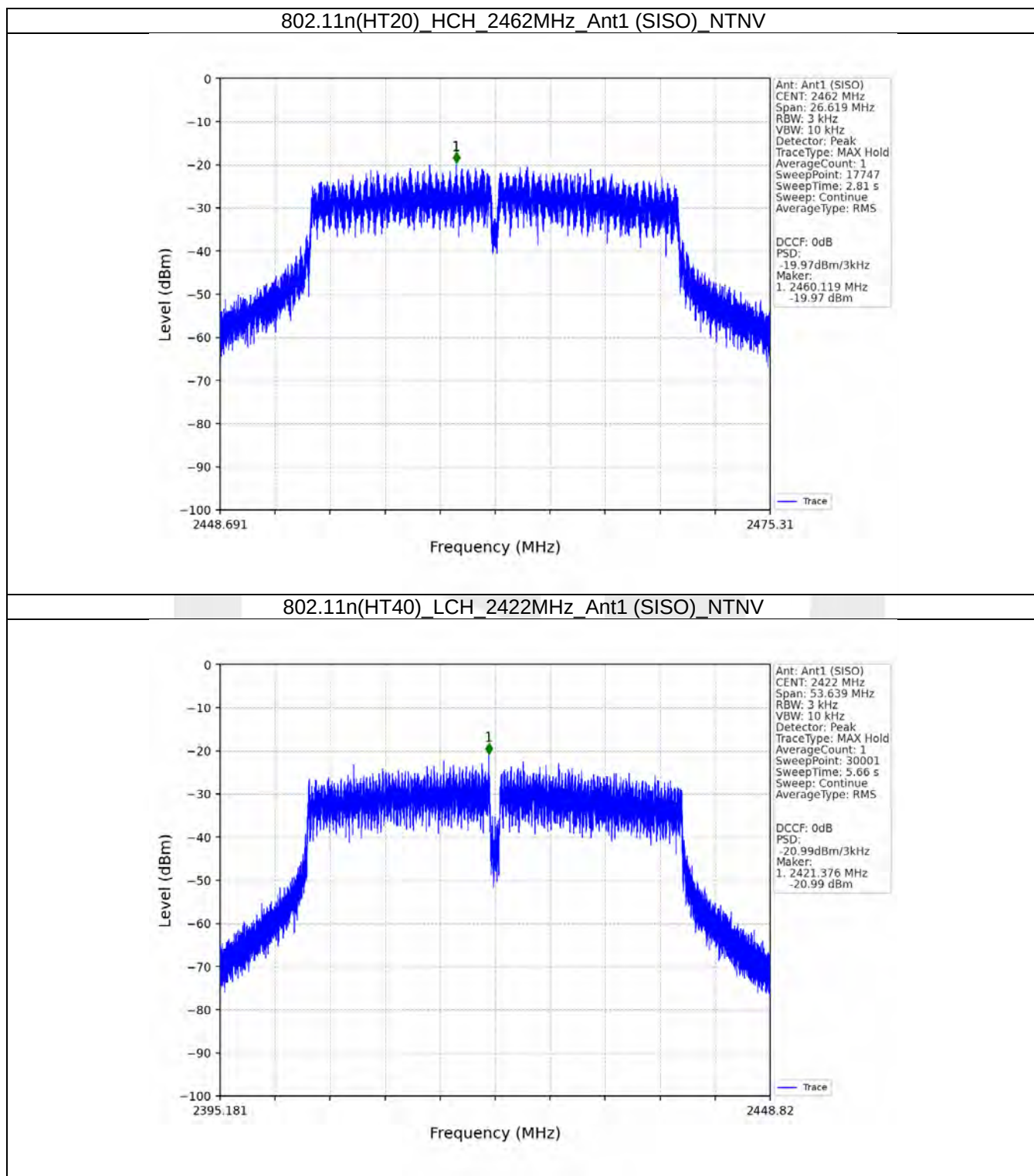
4.2.1 PSD

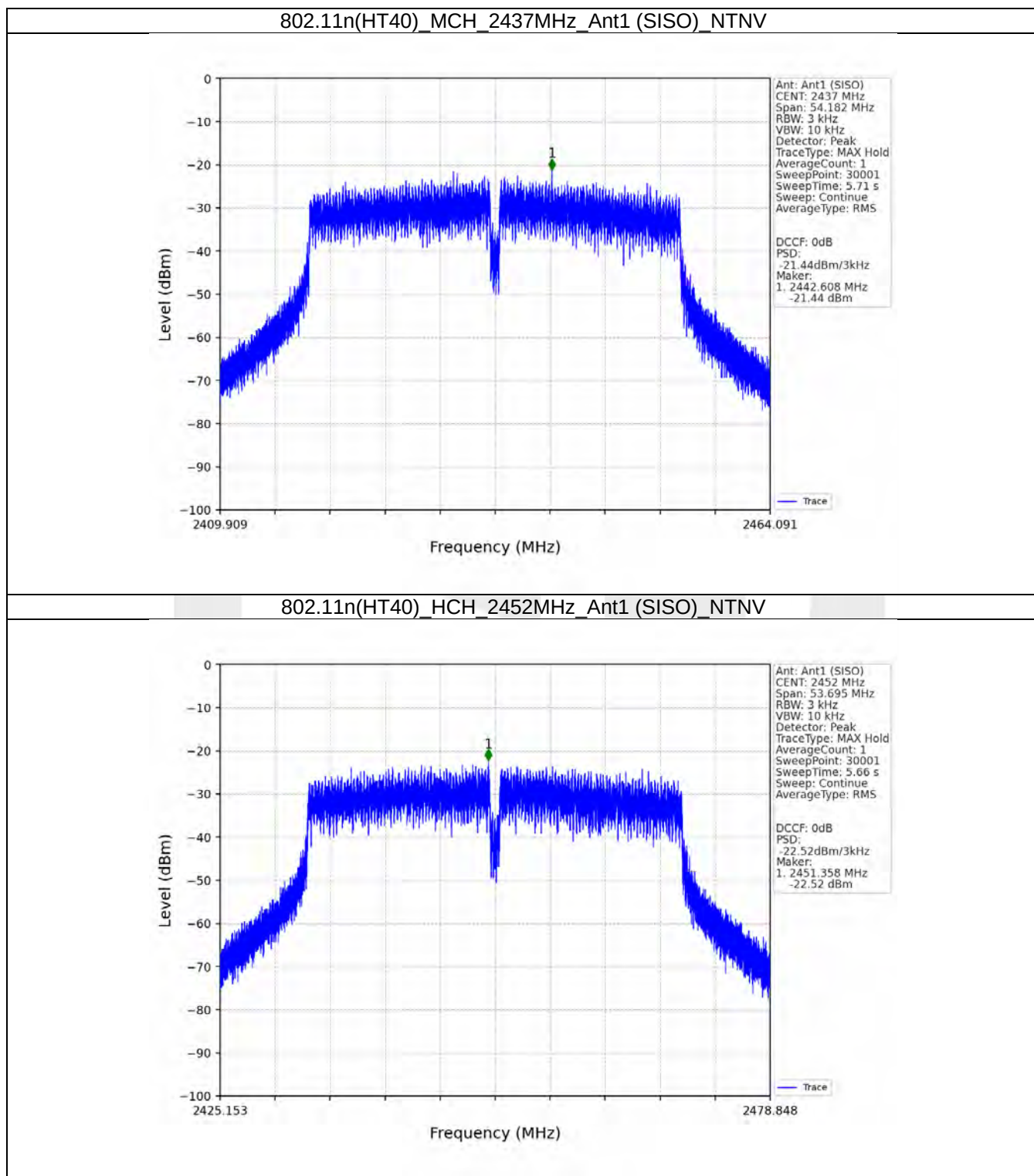


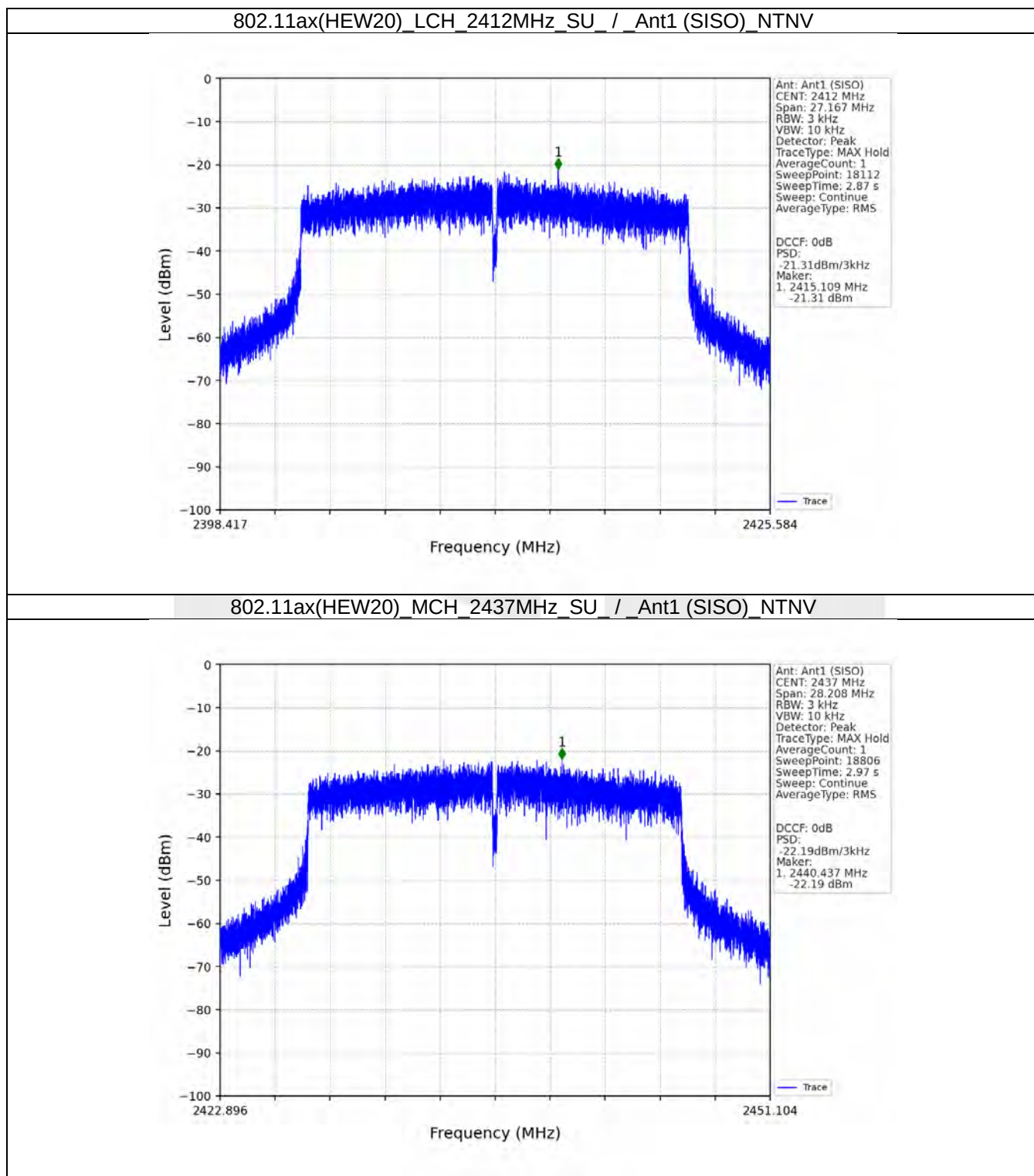


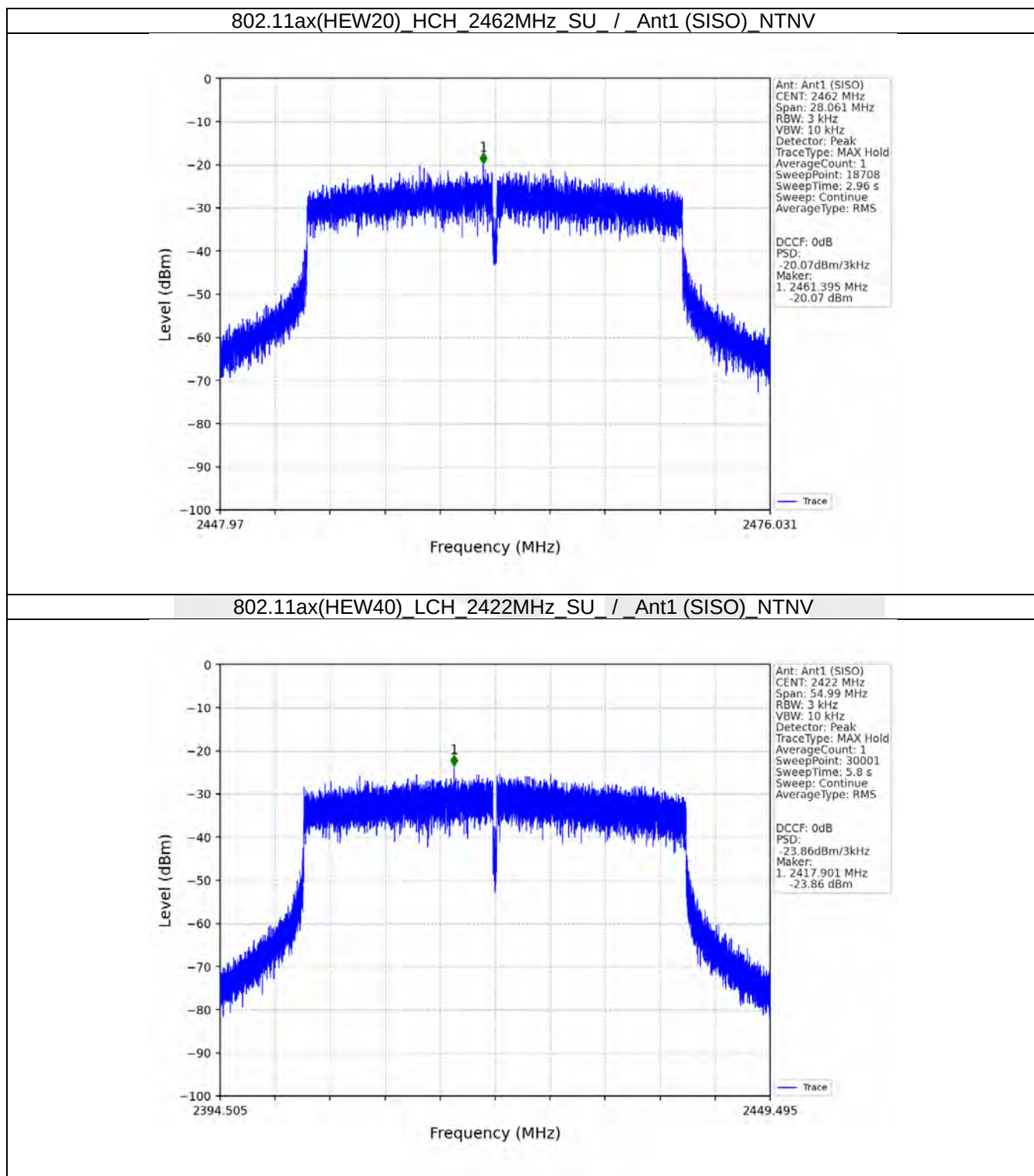


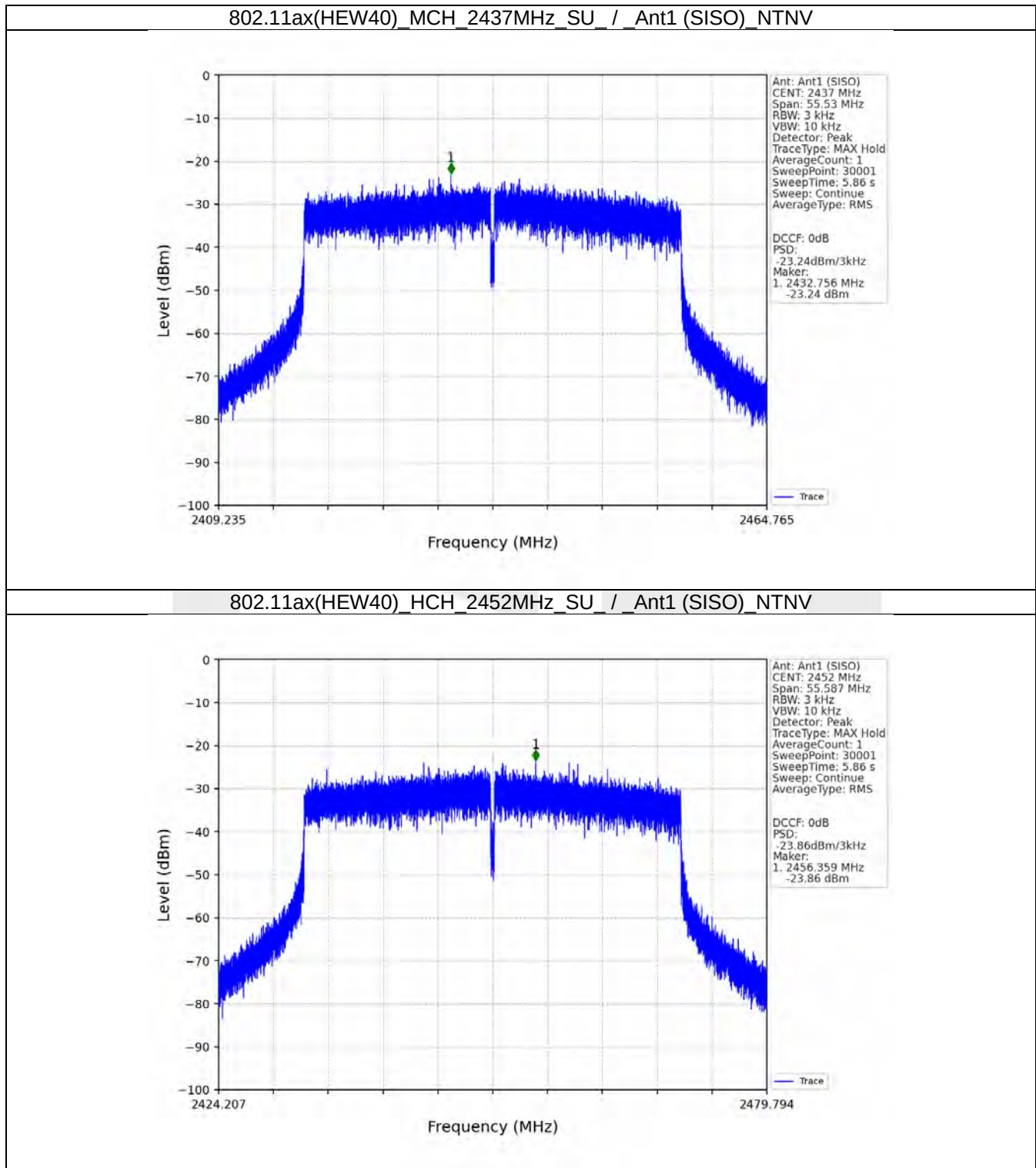












5. Unwanted Emissions In Non-restricted Frequency Bands

5.1 Test Result

5.1.1 Ref

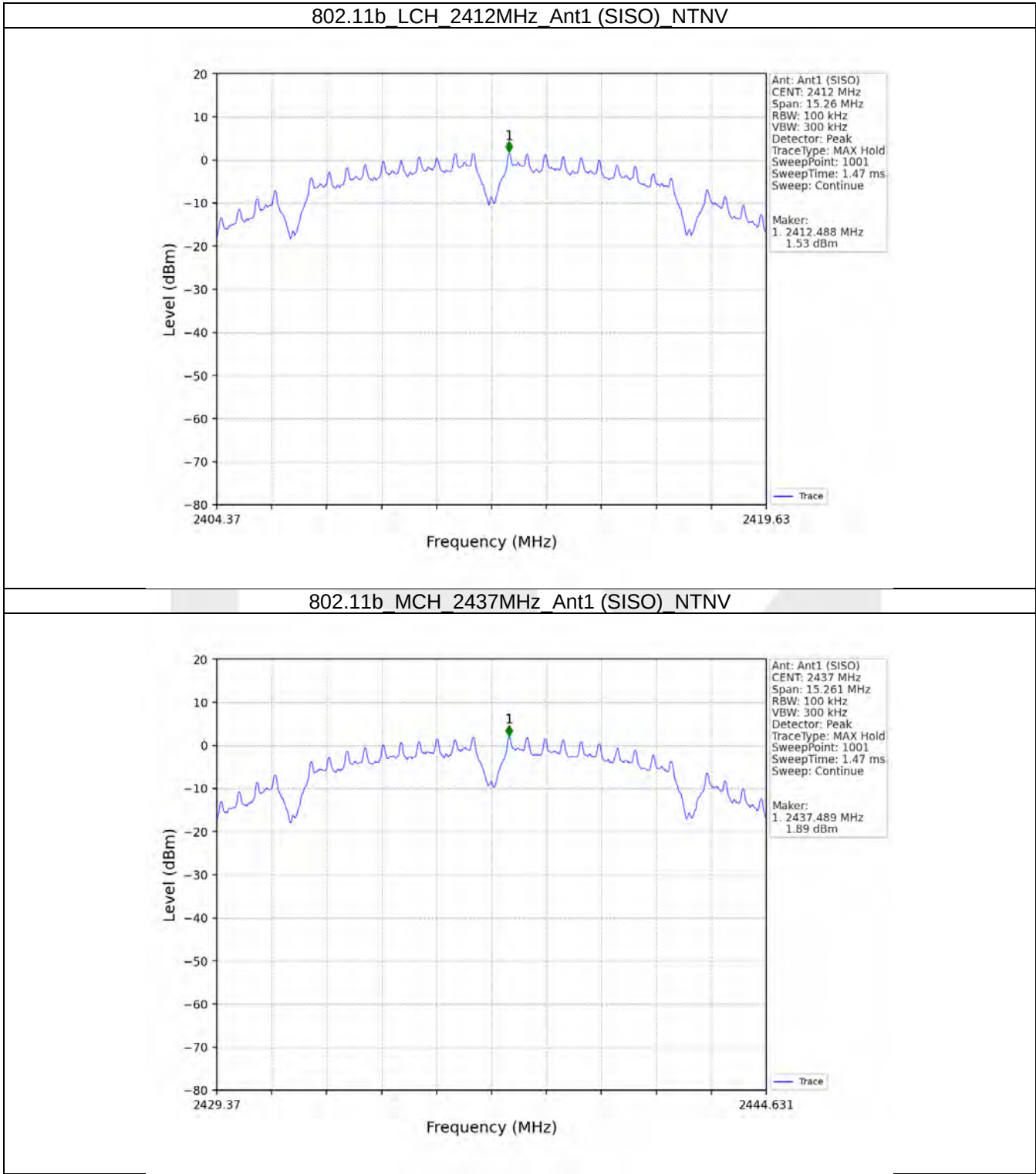
Mode	TX Type	Frequency (MHz)	RU	RU Pos	ANT	Level of Reference (dBm)
802.11b	SISO	2412	/	/	1	1.53
		2437	/	/	1	1.89
		2462	/	/	1	2.75
802.11g	SISO	2412	/	/	1	-5.30
		2437	/	/	1	-4.27
		2462	/	/	1	-3.67
802.11n (HT20)	SISO	2412	/	/	1	-6.21
		2437	/	/	1	-5.30
		2462	/	/	1	-4.72
802.11n (HT40)	SISO	2422	/	/	1	-8.38
		2437	/	/	1	-7.39
		2452	/	/	1	-8.57
802.11ax (HEW20)	SISO	2412	SU	/	1	-6.31
		2437	SU	/	1	-5.90
		2462	SU	/	1	-5.27
802.11ax (HEW40)	SISO	2422	SU	/	1	-9.28
		2437	SU	/	1	-8.68
		2452	SU	/	1	-8.65
Note1: Refer to FCC Part 15.247 (d) and ANSI C63.10-2020, the channel contains the maximum PSD level was used to establish the reference level.						

5.1.2 CSE

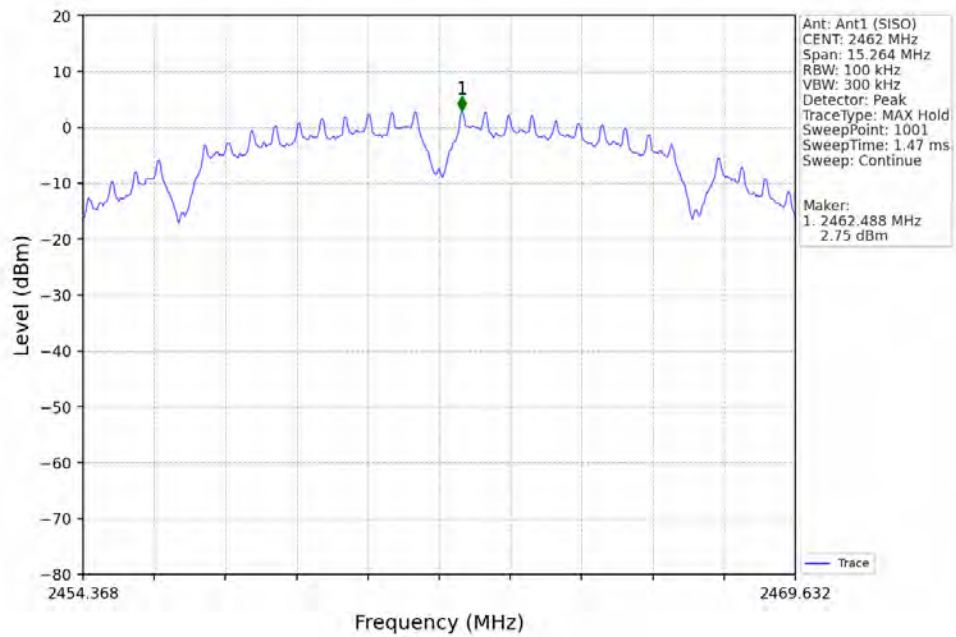
Mode	TX Type	Frequency (MHz)	RU	RU Pos	ANT	Level of Reference (dBm)	Limit (dBm)	Verdict
802.11b	SISO	2412	/	/	1	1.53	-18.47	Pass
		2437	/	/	1	1.89	-18.11	Pass
		2462	/	/	1	2.75	-17.25	Pass
802.11g	SISO	2412	/	/	1	-5.30	-25.30	Pass
		2437	/	/	1	-4.27	-24.27	Pass
		2462	/	/	1	-3.67	-23.67	Pass
802.11n (HT20)	SISO	2412	/	/	1	-6.21	-26.21	Pass
		2437	/	/	1	-5.30	-25.30	Pass
		2462	/	/	1	-4.72	-24.72	Pass
802.11n (HT40)	SISO	2422	/	/	1	-8.38	-28.38	Pass
		2437	/	/	1	-7.39	-27.39	Pass
		2452	/	/	1	-8.57	-28.57	Pass
802.11ax (HEW20)	SISO	2412	SU	/	1	-6.31	-26.31	Pass
		2437	SU	/	1	-5.90	-25.90	Pass
		2462	SU	/	1	-5.27	-25.27	Pass
802.11ax (HEW40)	SISO	2422	SU	/	1	-9.28	-29.28	Pass
		2437	SU	/	1	-8.68	-28.68	Pass
		2452	SU	/	1	-8.65	-28.65	Pass
Note1: Refer to FCC Part 15.247 (d) and ANSI C63.10-2020, the channel contains the maximum PSD level was used to establish the reference level.								

5.2 Test Graph

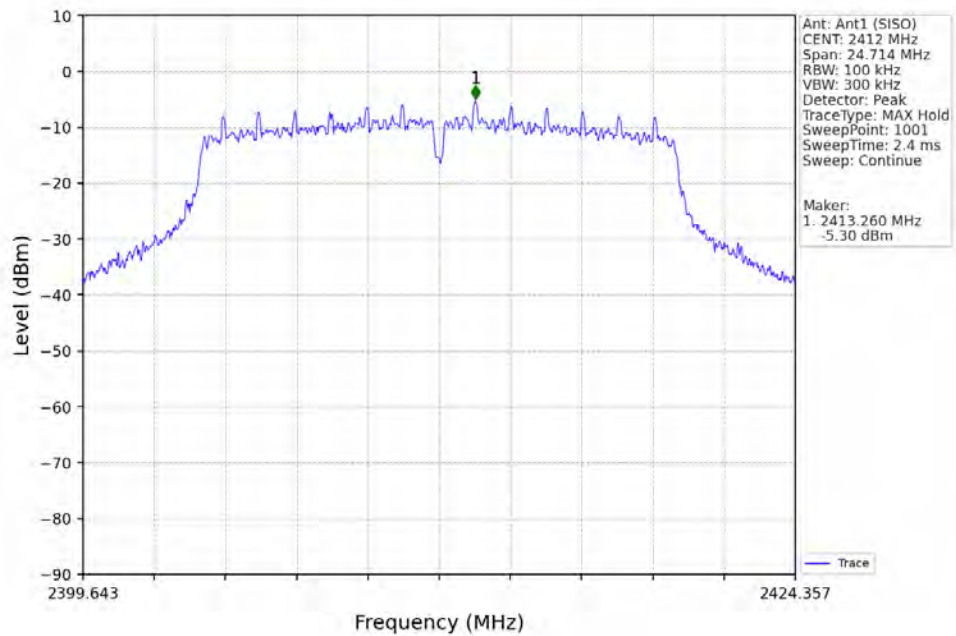
5.2.1 Ref

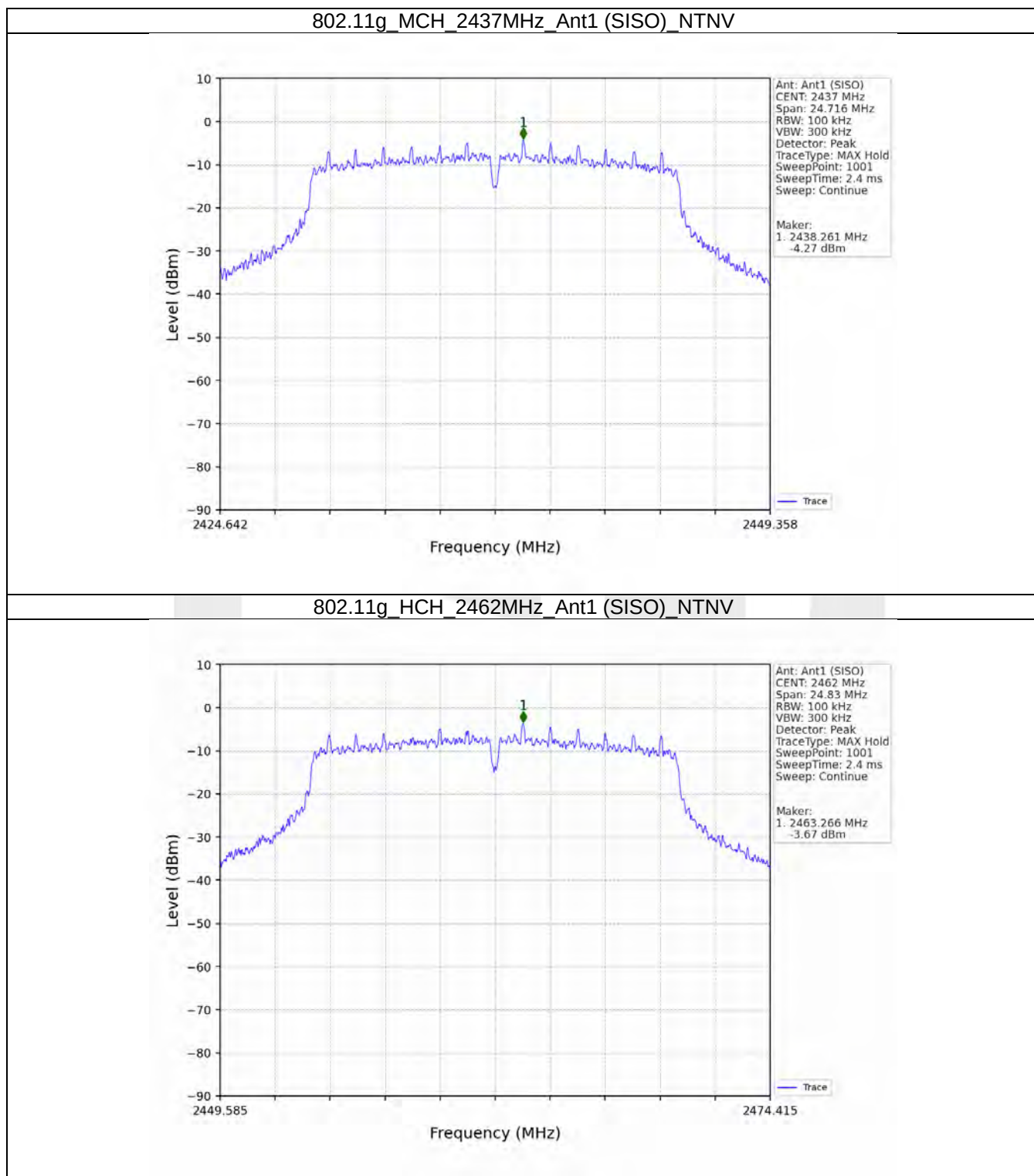


802.11b_HCH_2462MHz_Ant1 (SISO)_NTNV

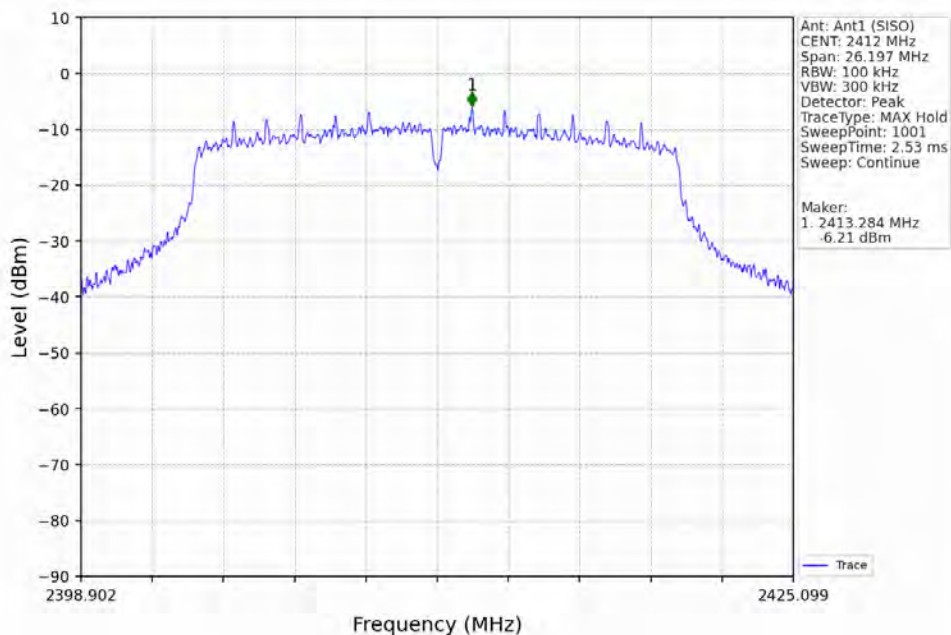


802.11g_LCH_2412MHz_Ant1 (SISO)_NTNV

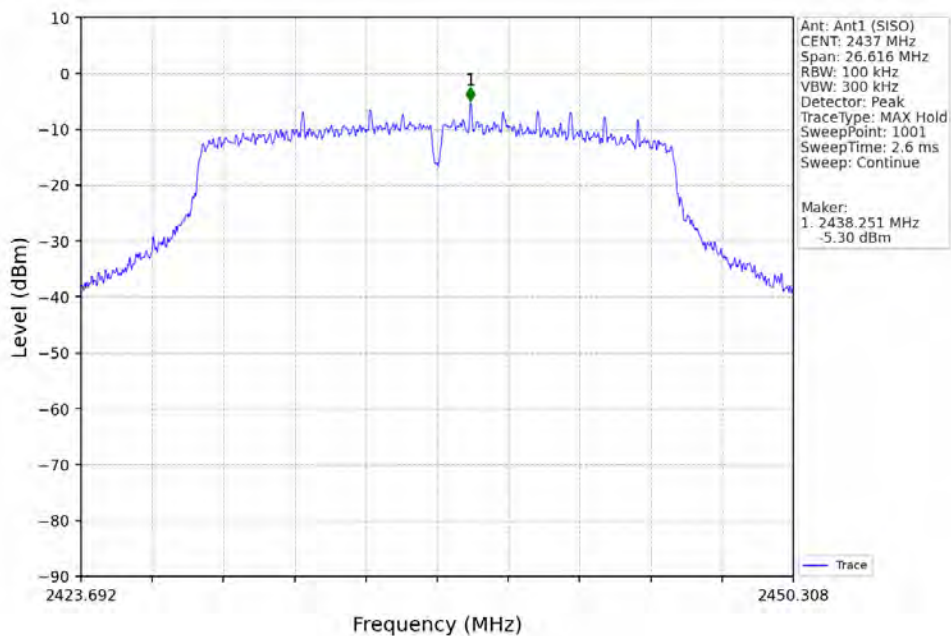


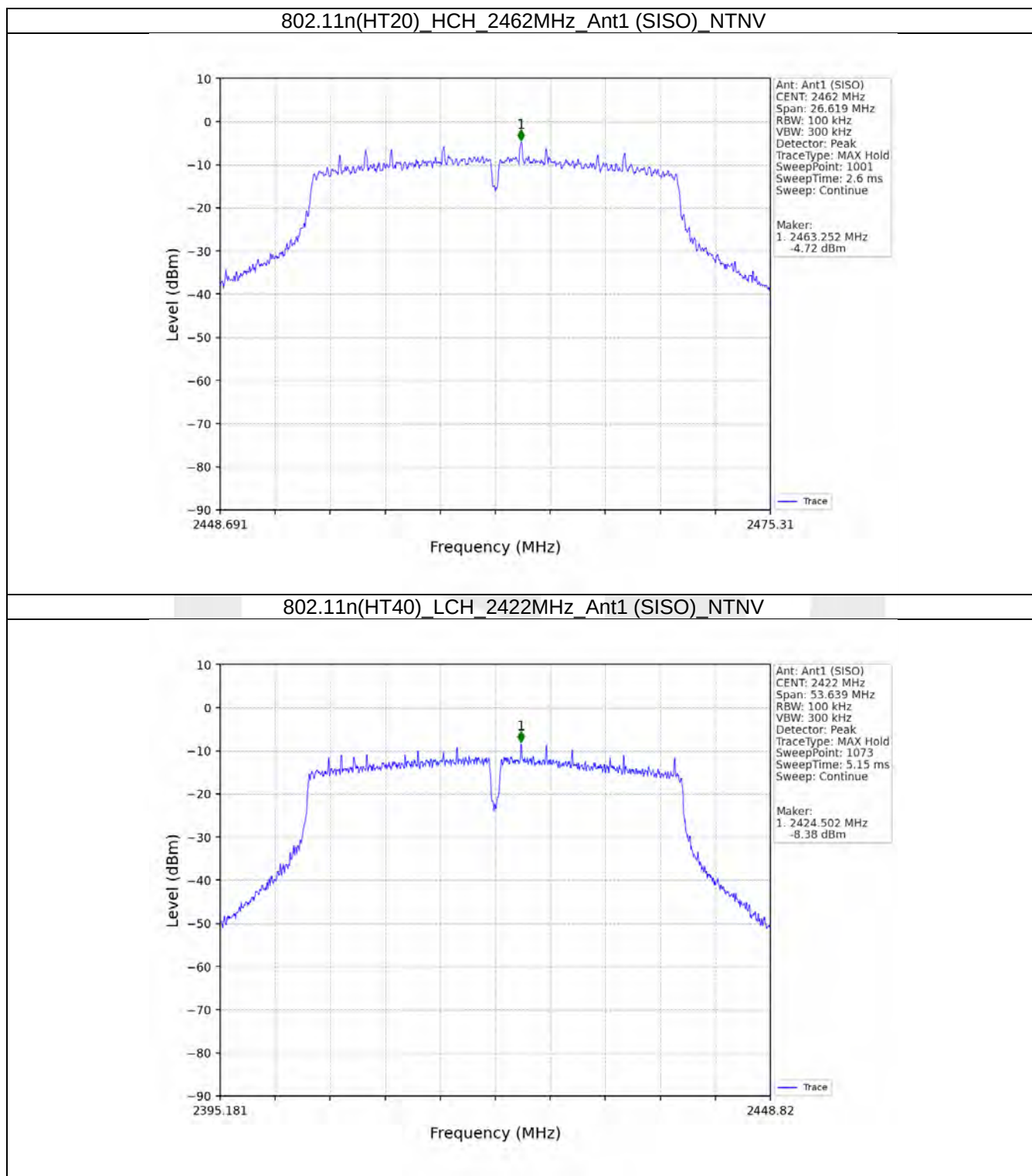


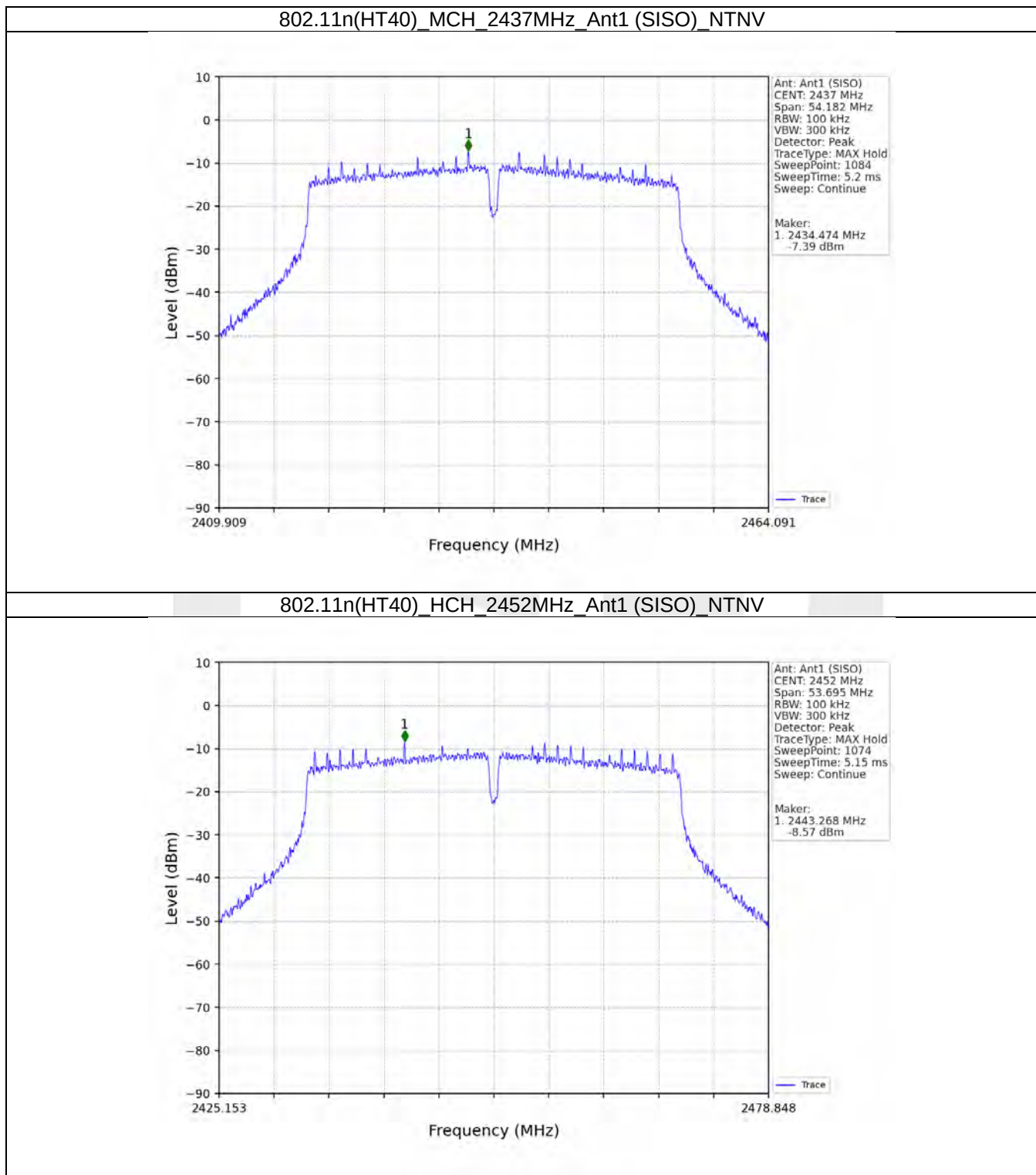
802.11n(HT20)_LCH_2412MHz_Ant1 (SISO)_NTNV

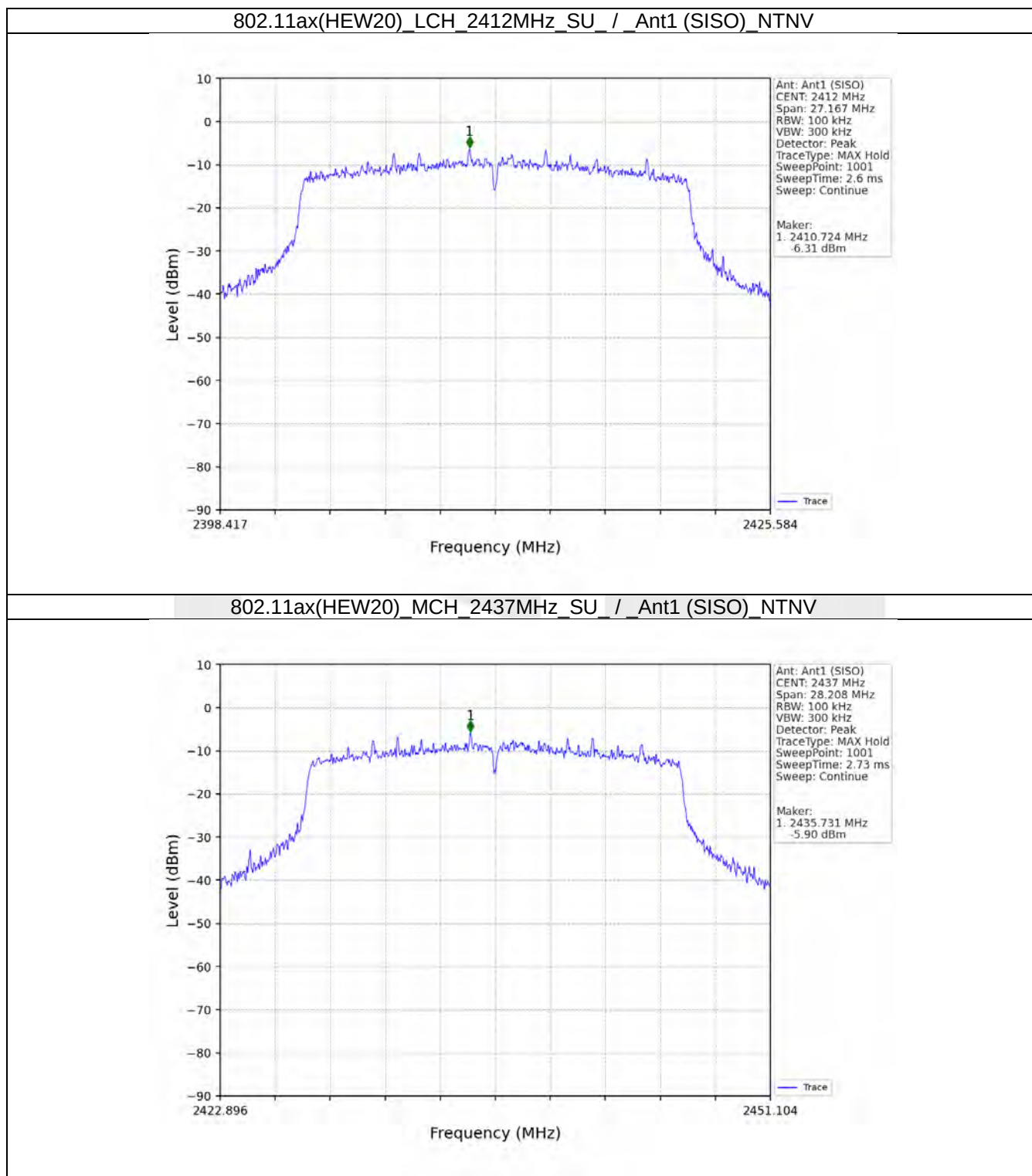


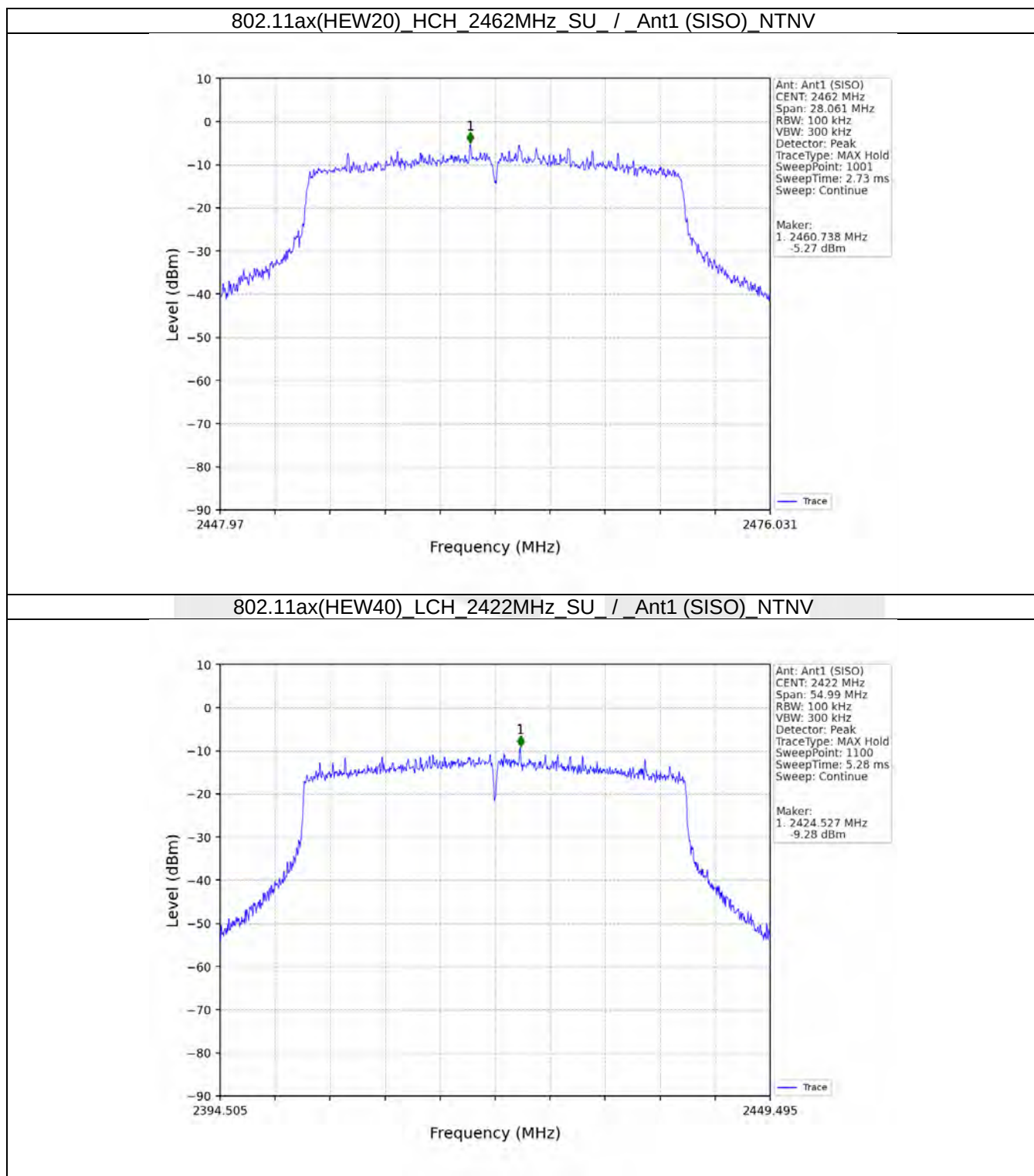
802.11n(HT20)_MCH_2437MHz_Ant1 (SISO)_NTNV

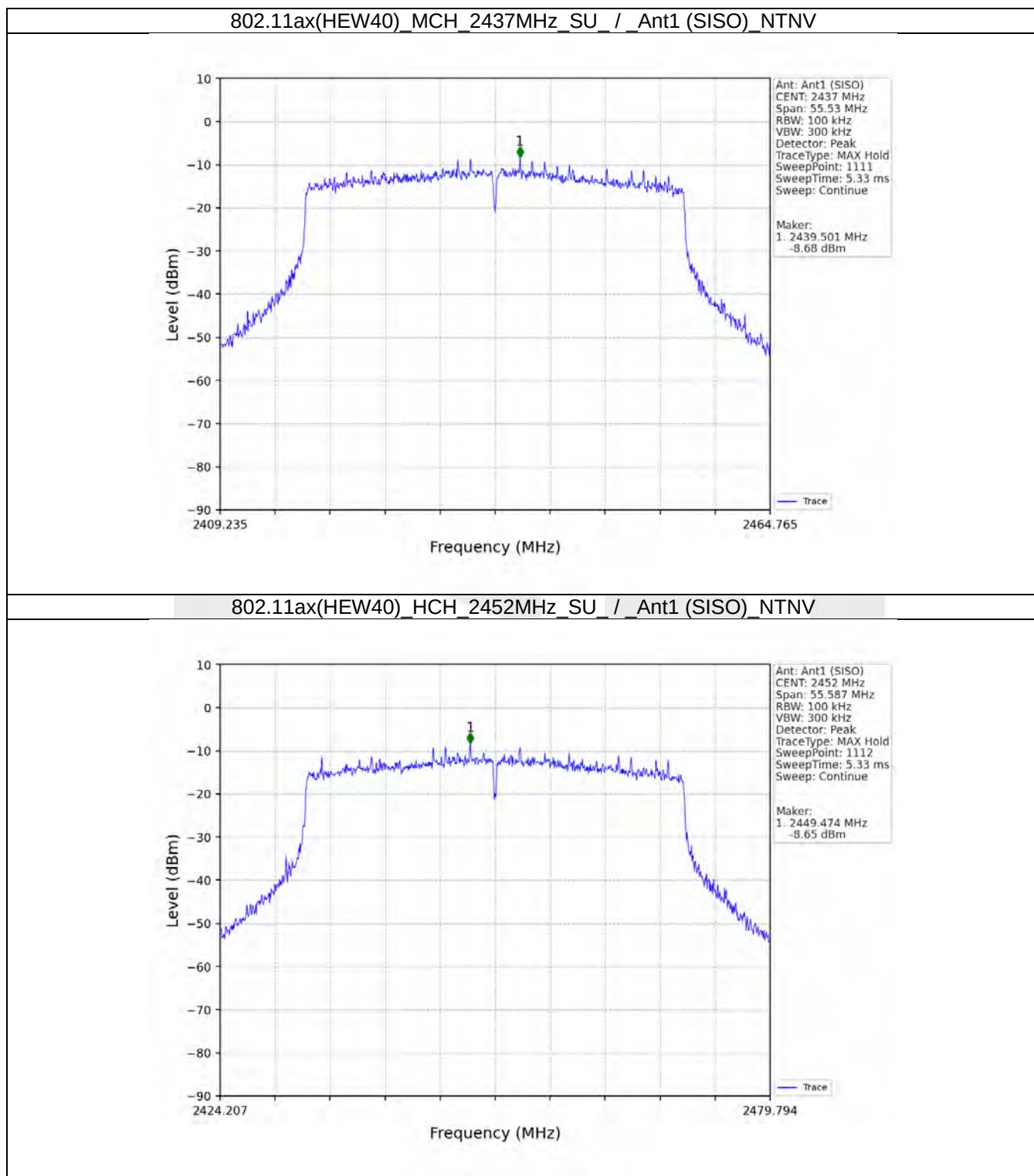




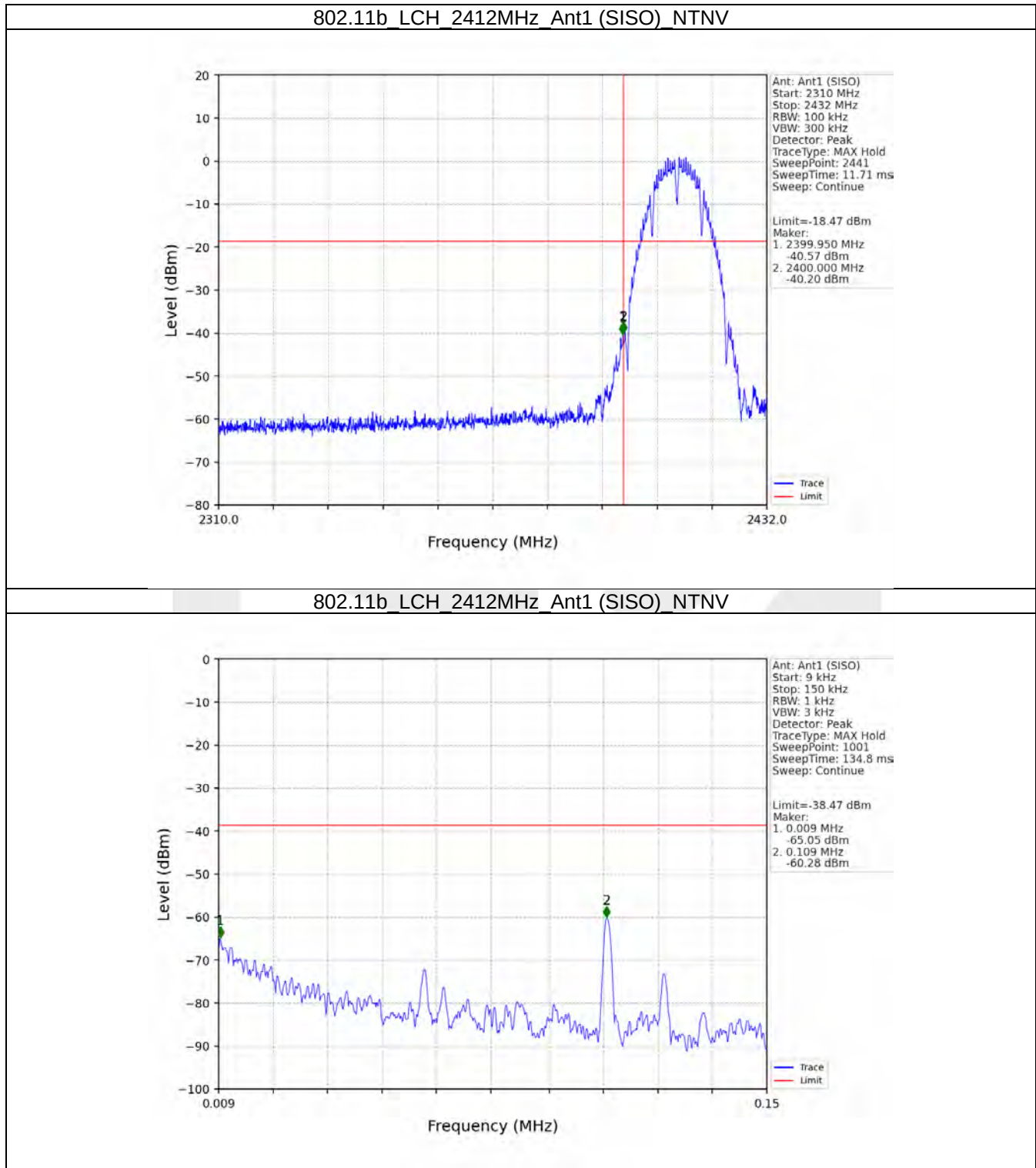


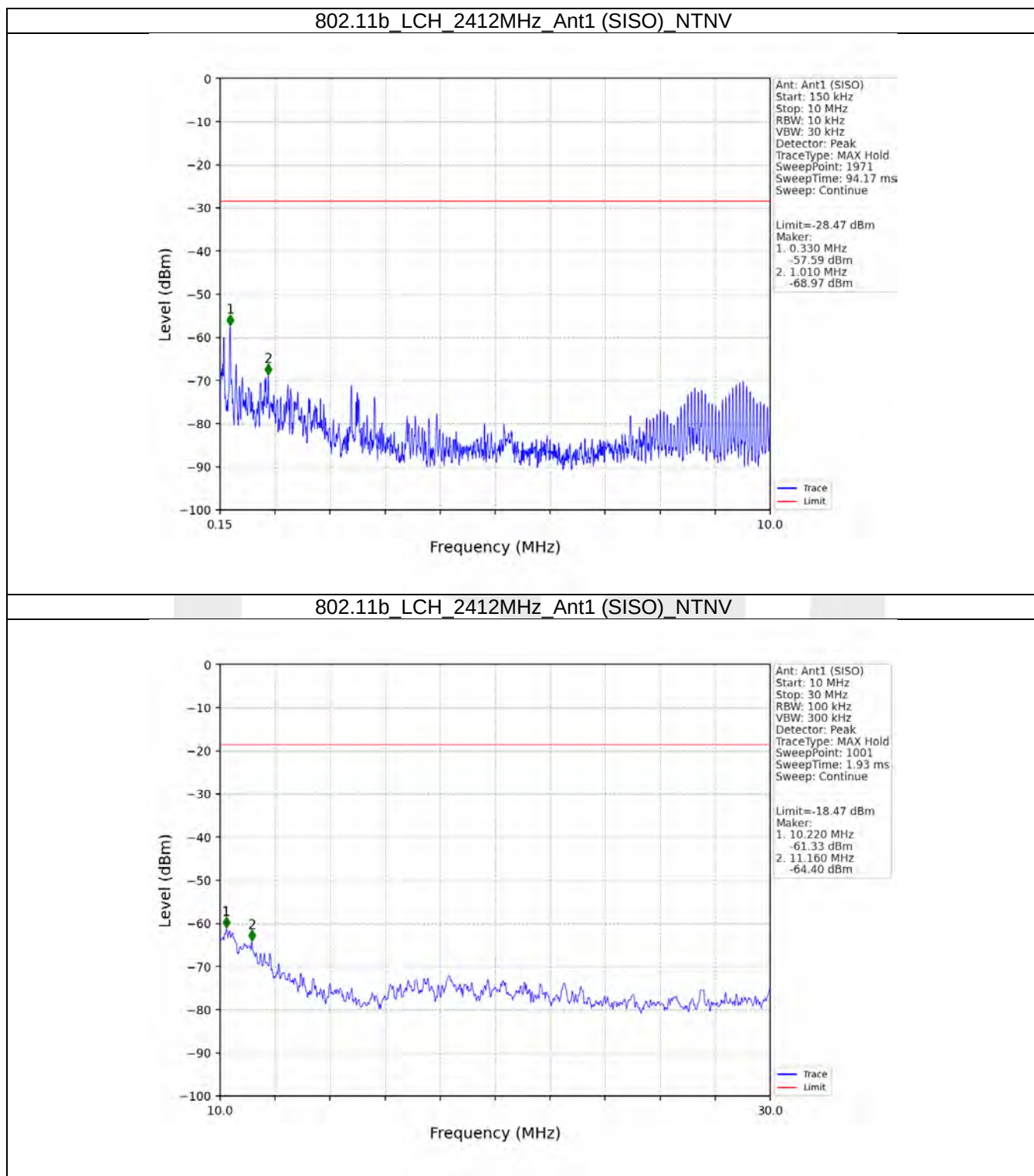


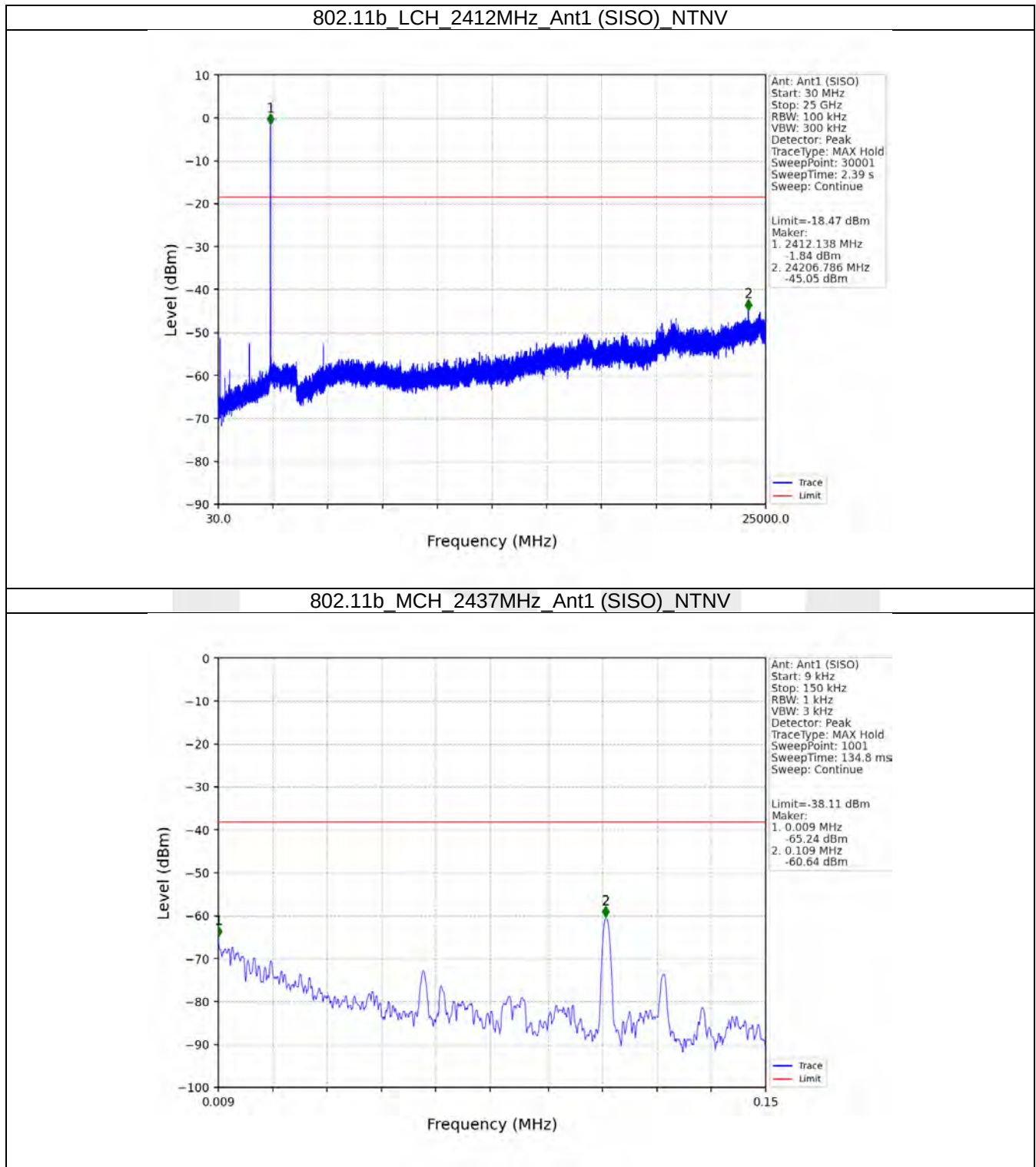


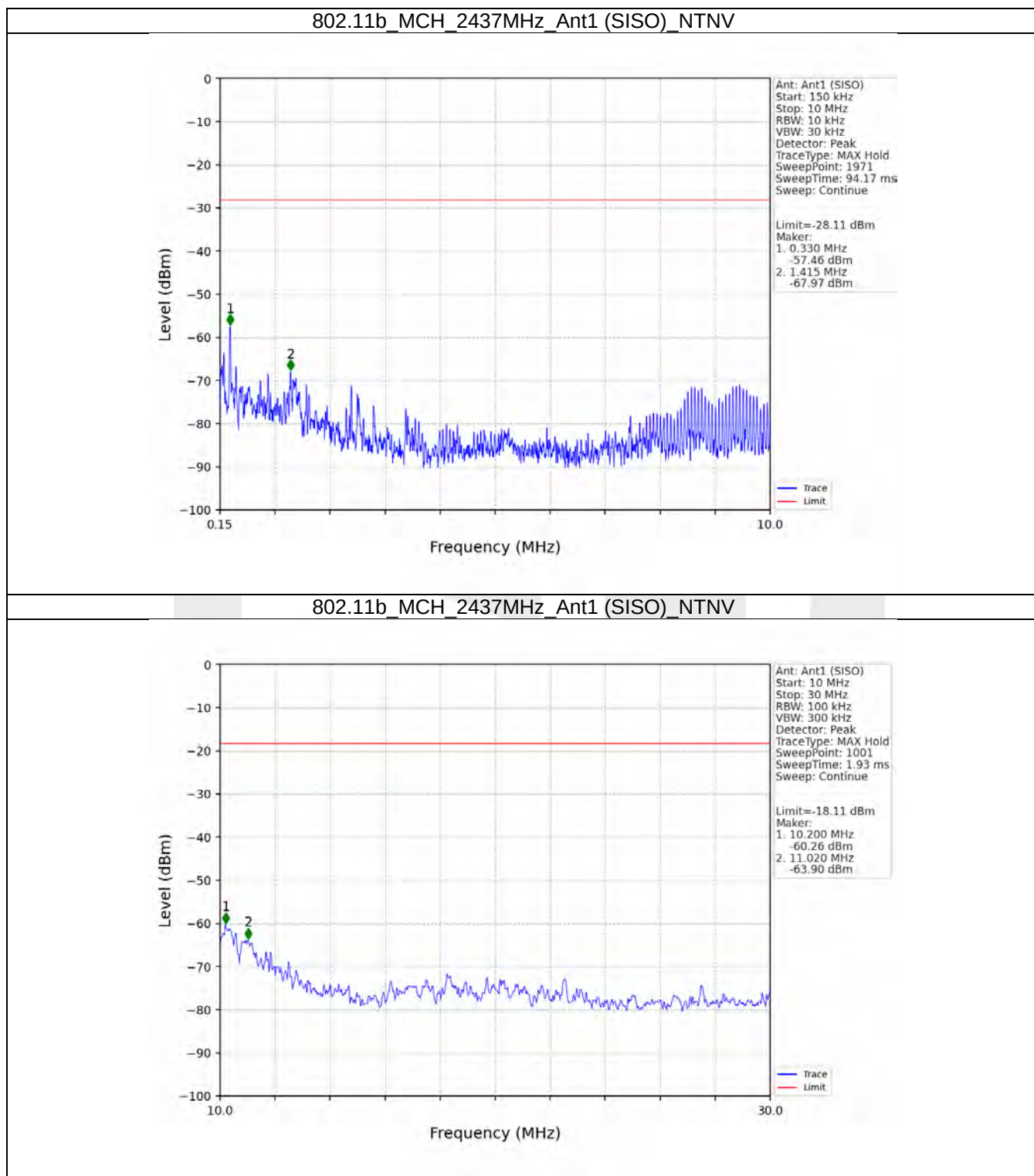


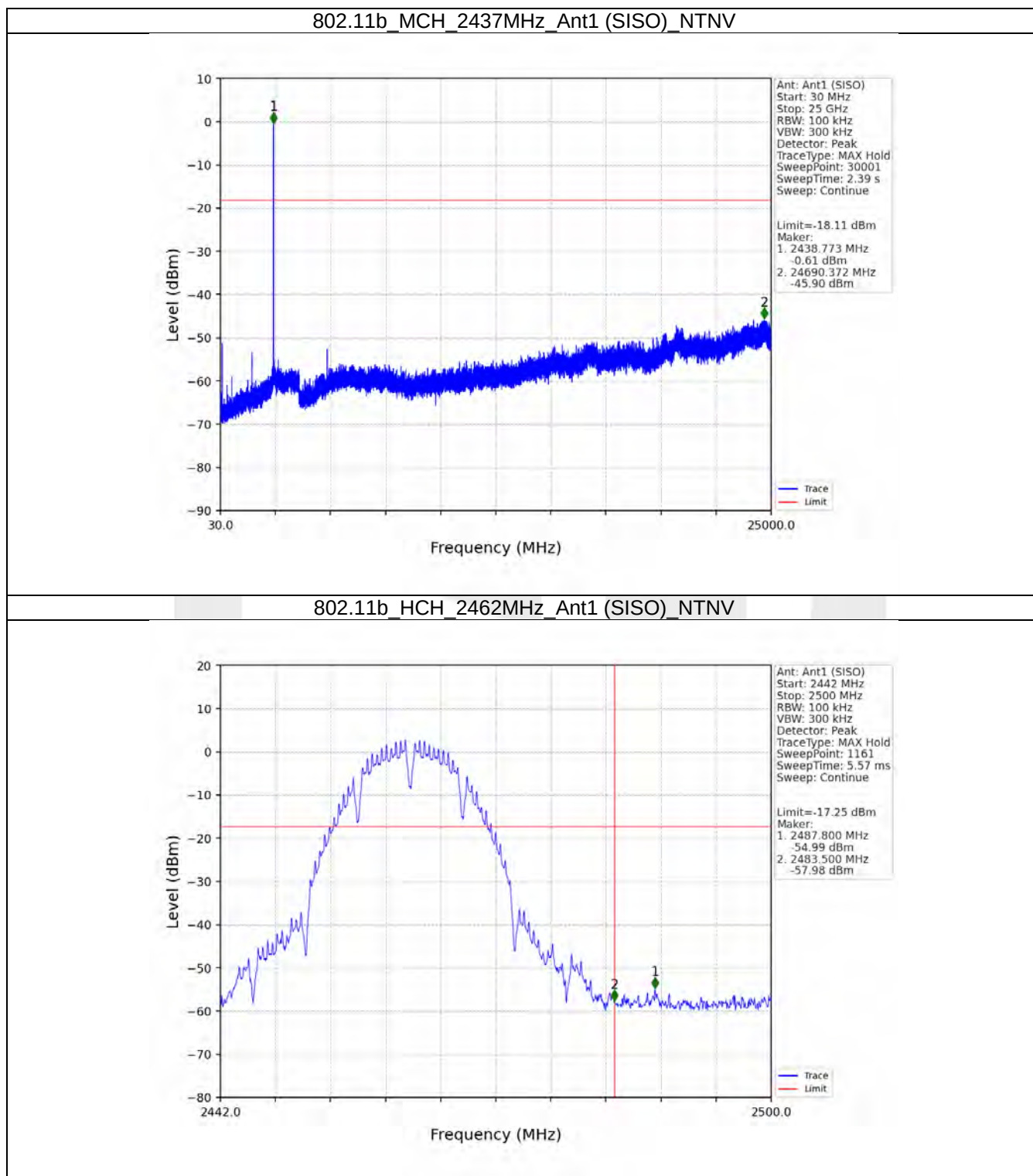
5.2.2 CSE

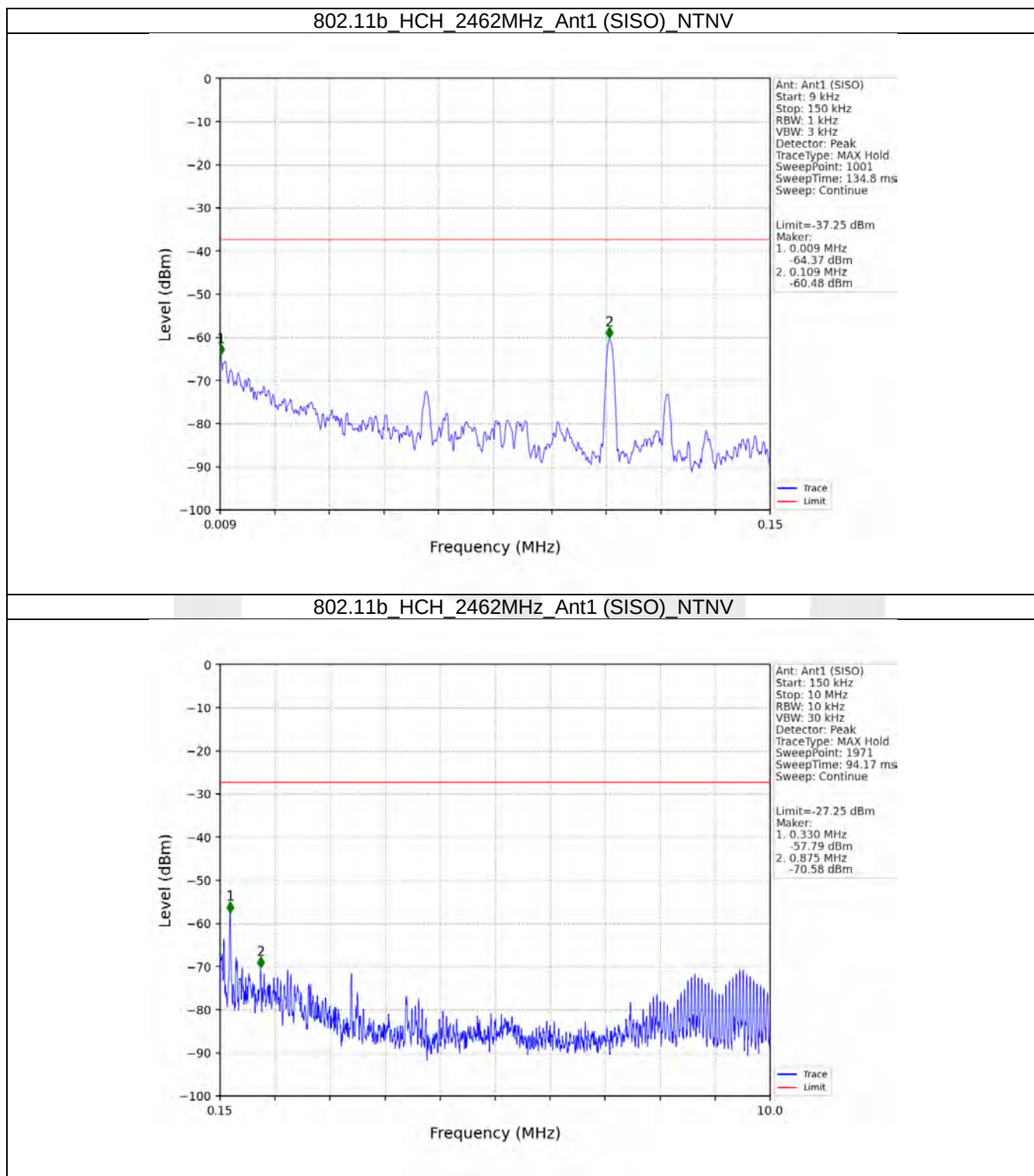




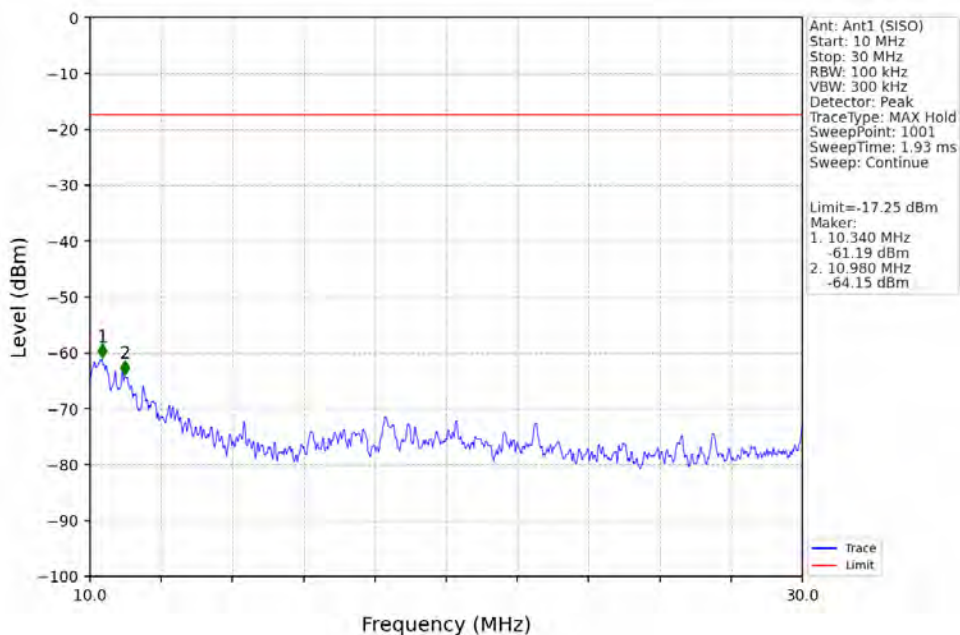




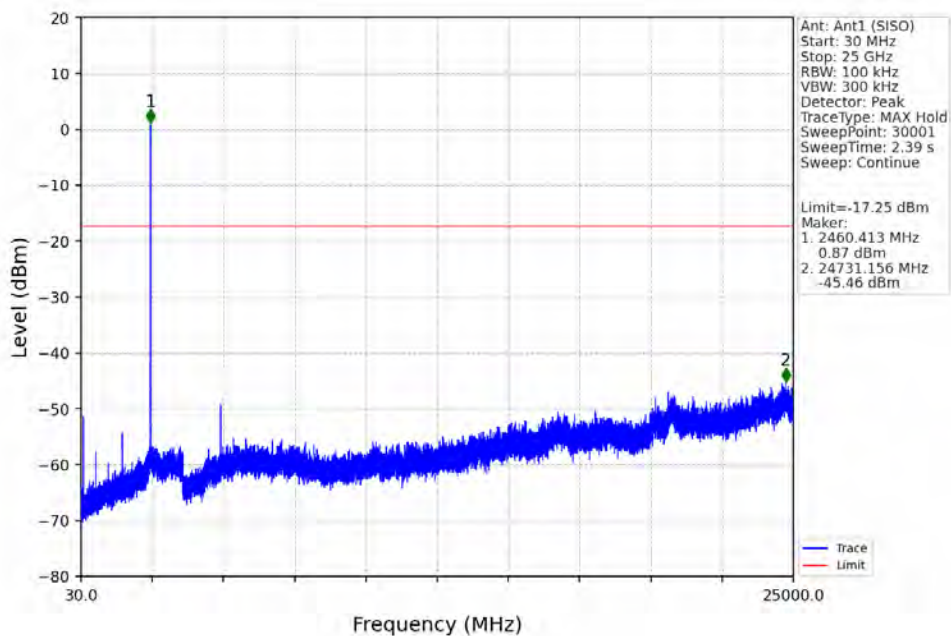


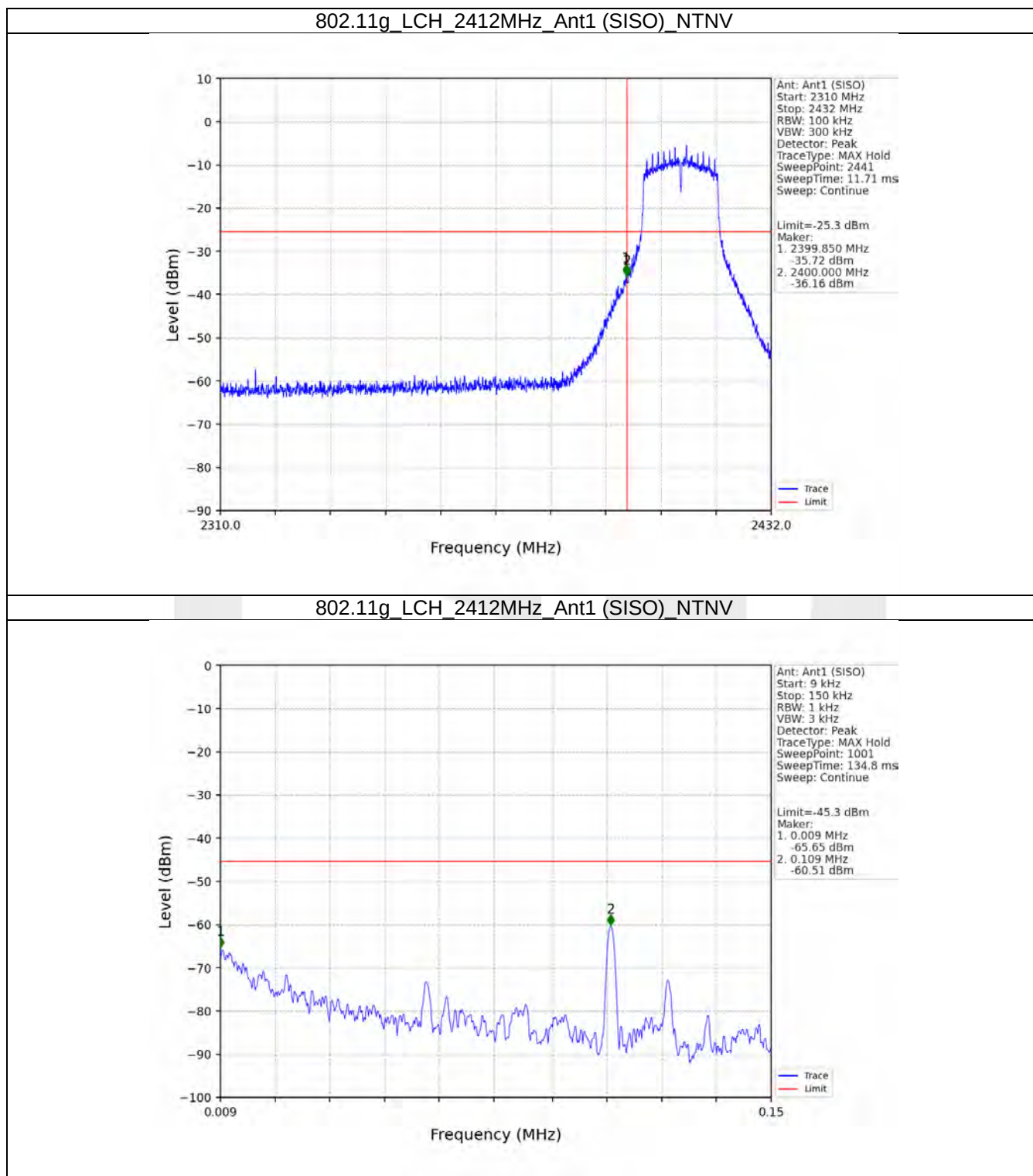


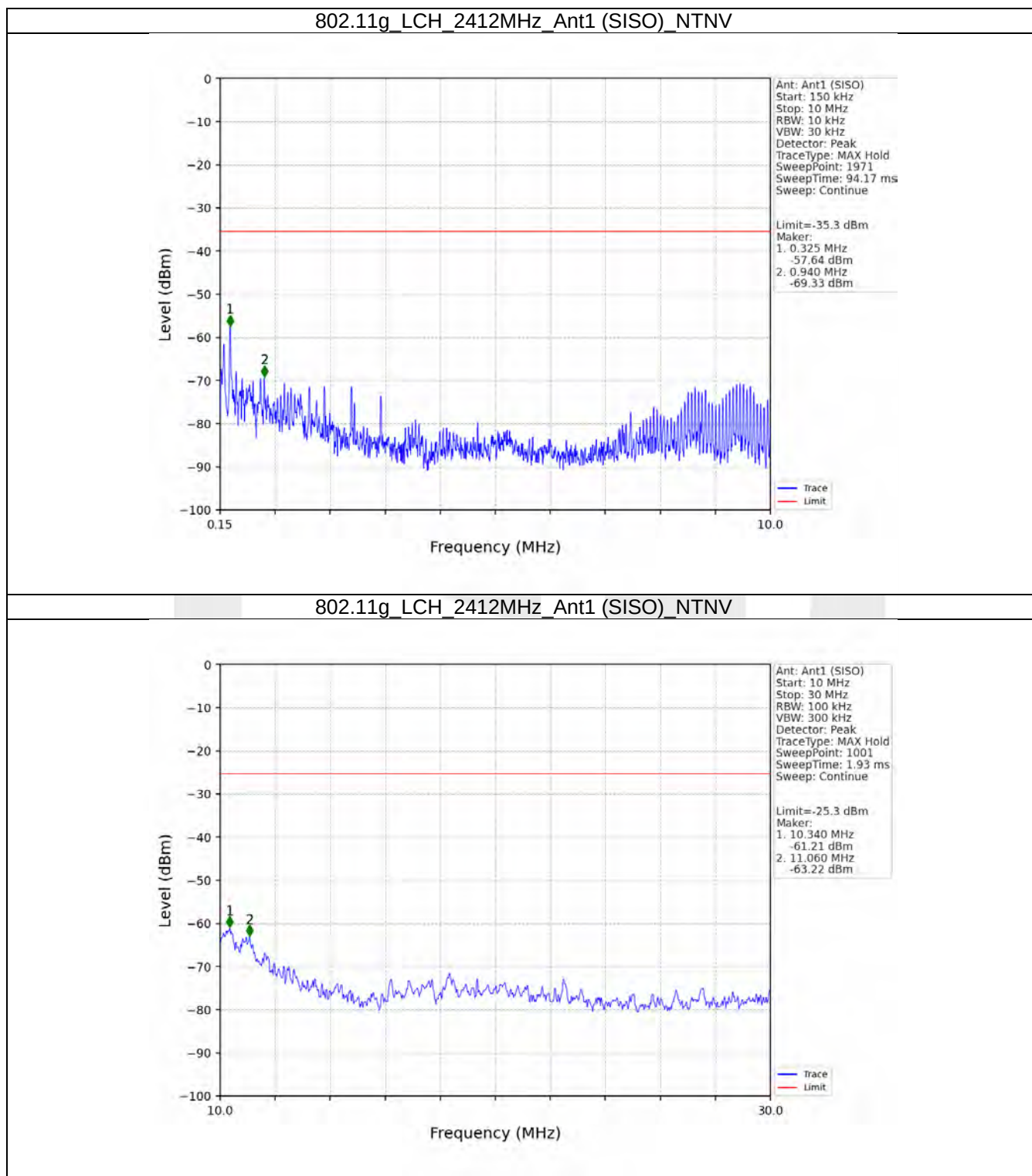
802.11b_HCH_2462MHz_Ant1 (SISO)_NTNV

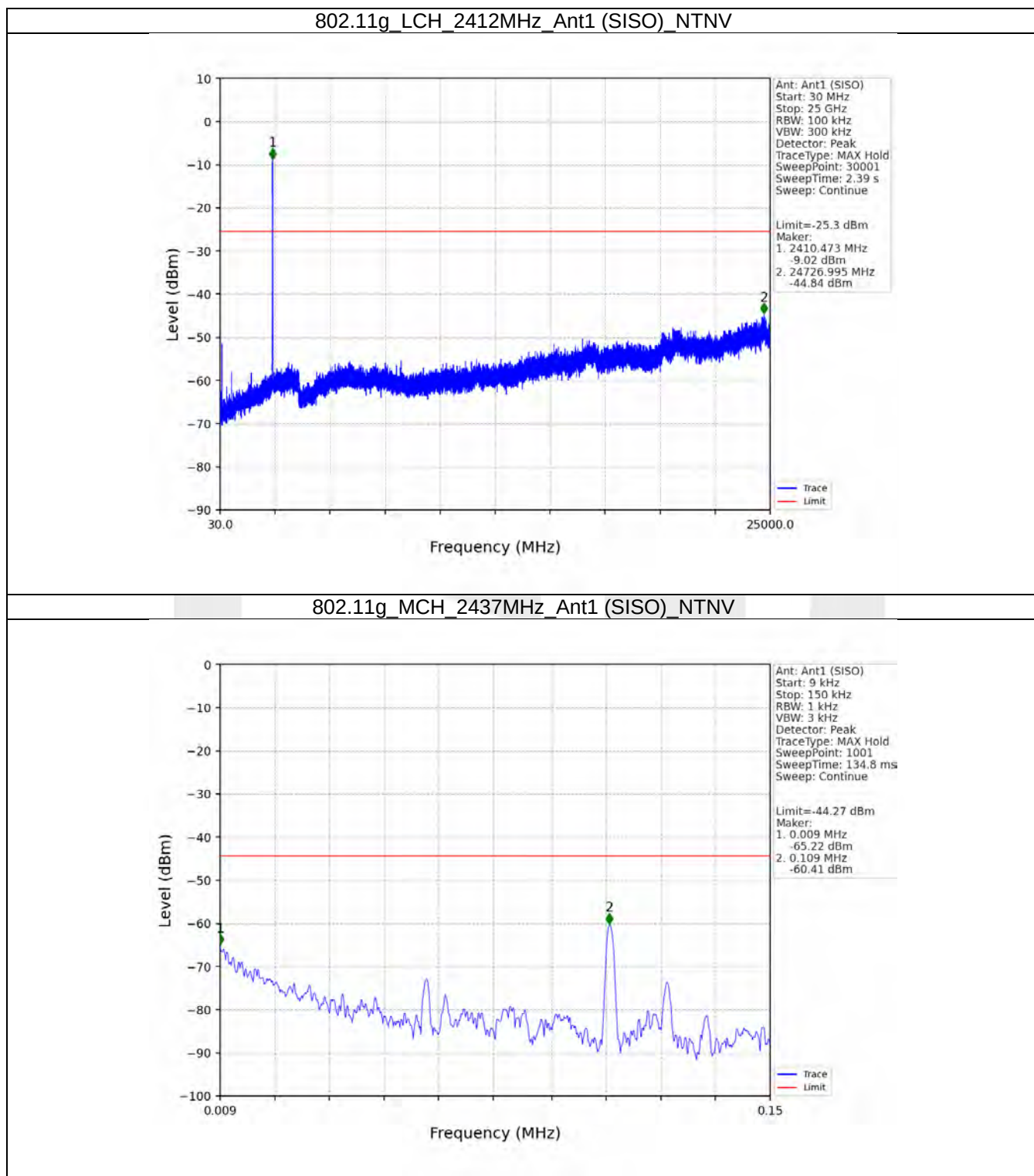


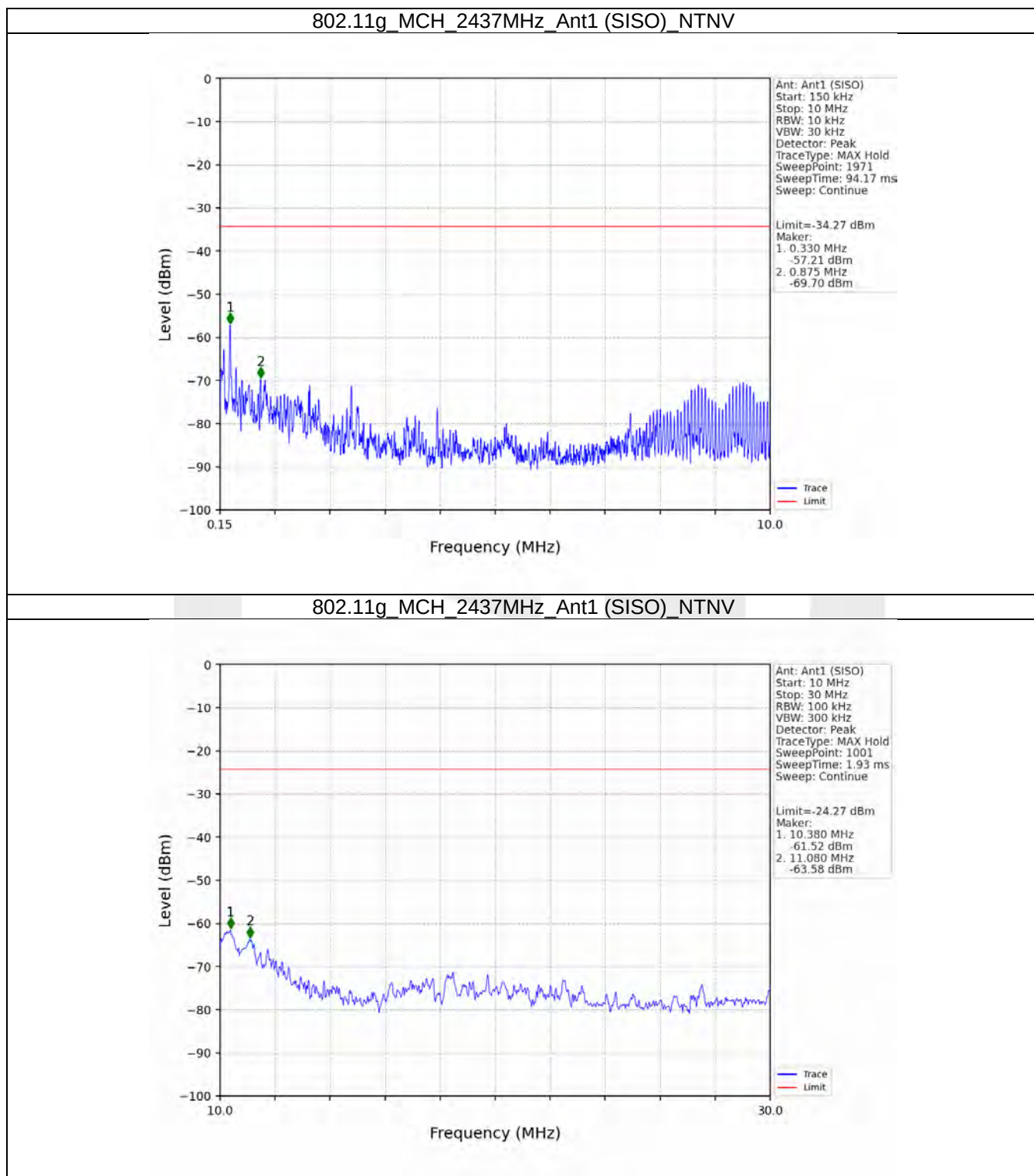
802.11b_HCH_2462MHz_Ant1 (SISO)_NTNV

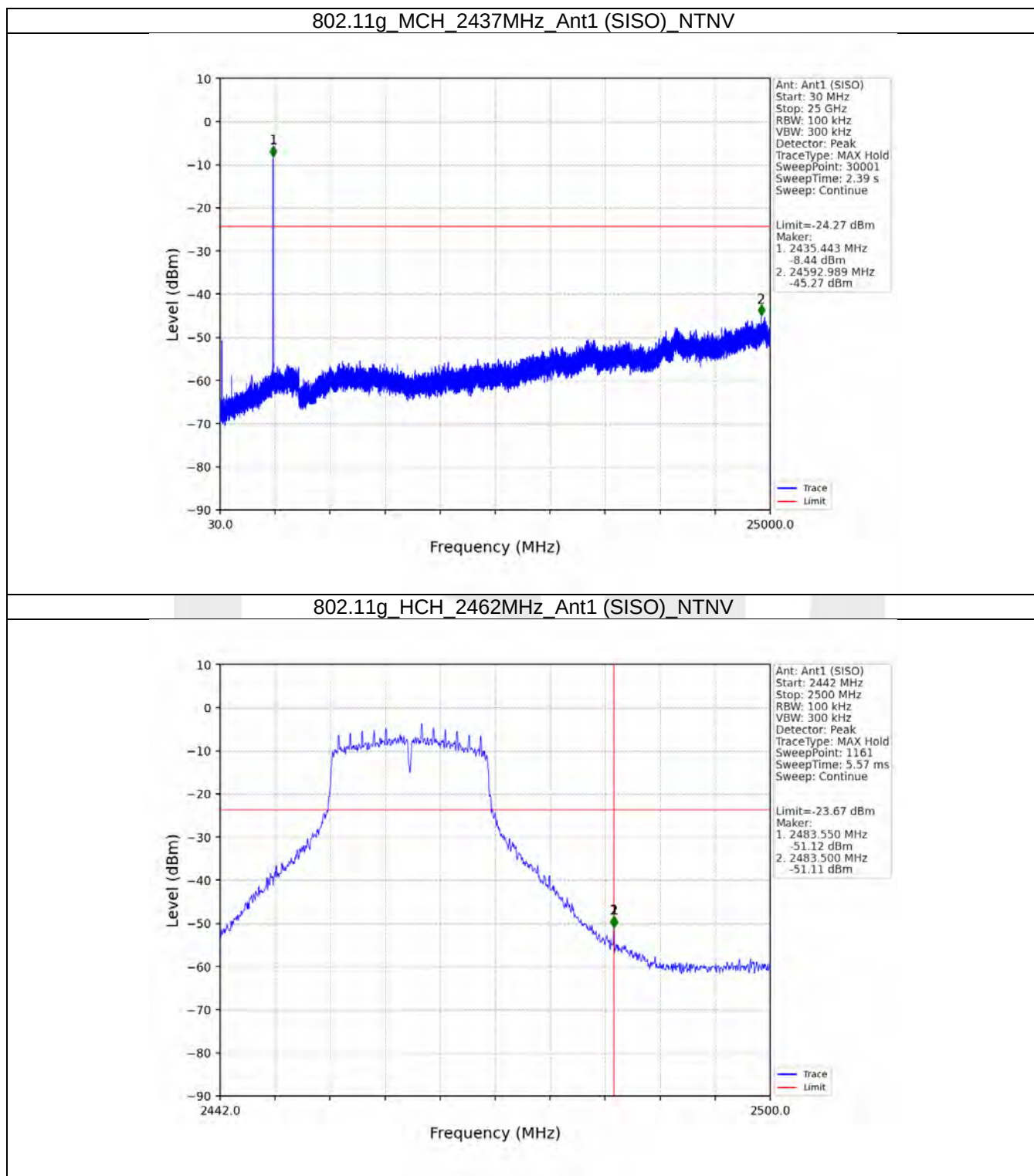


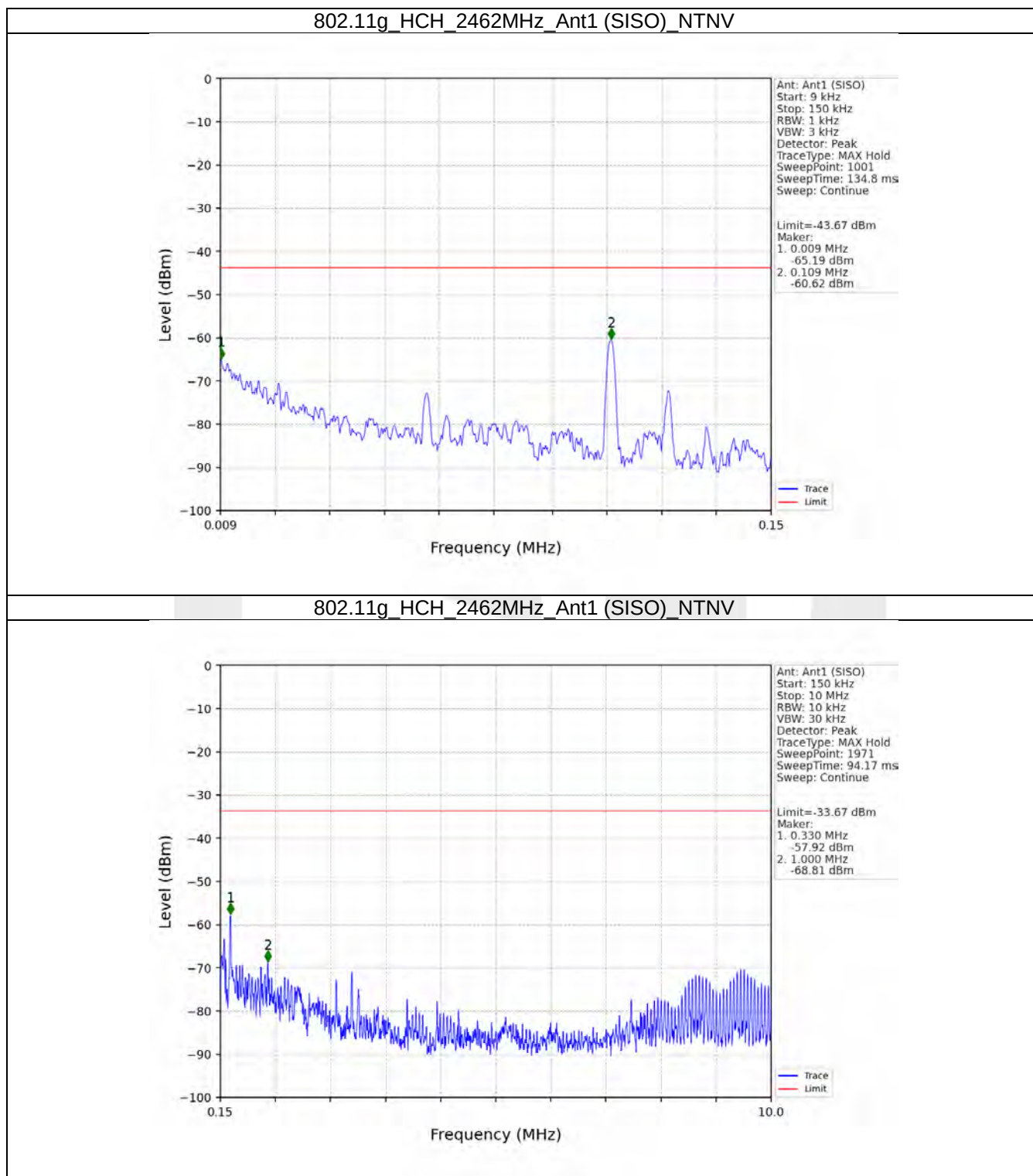


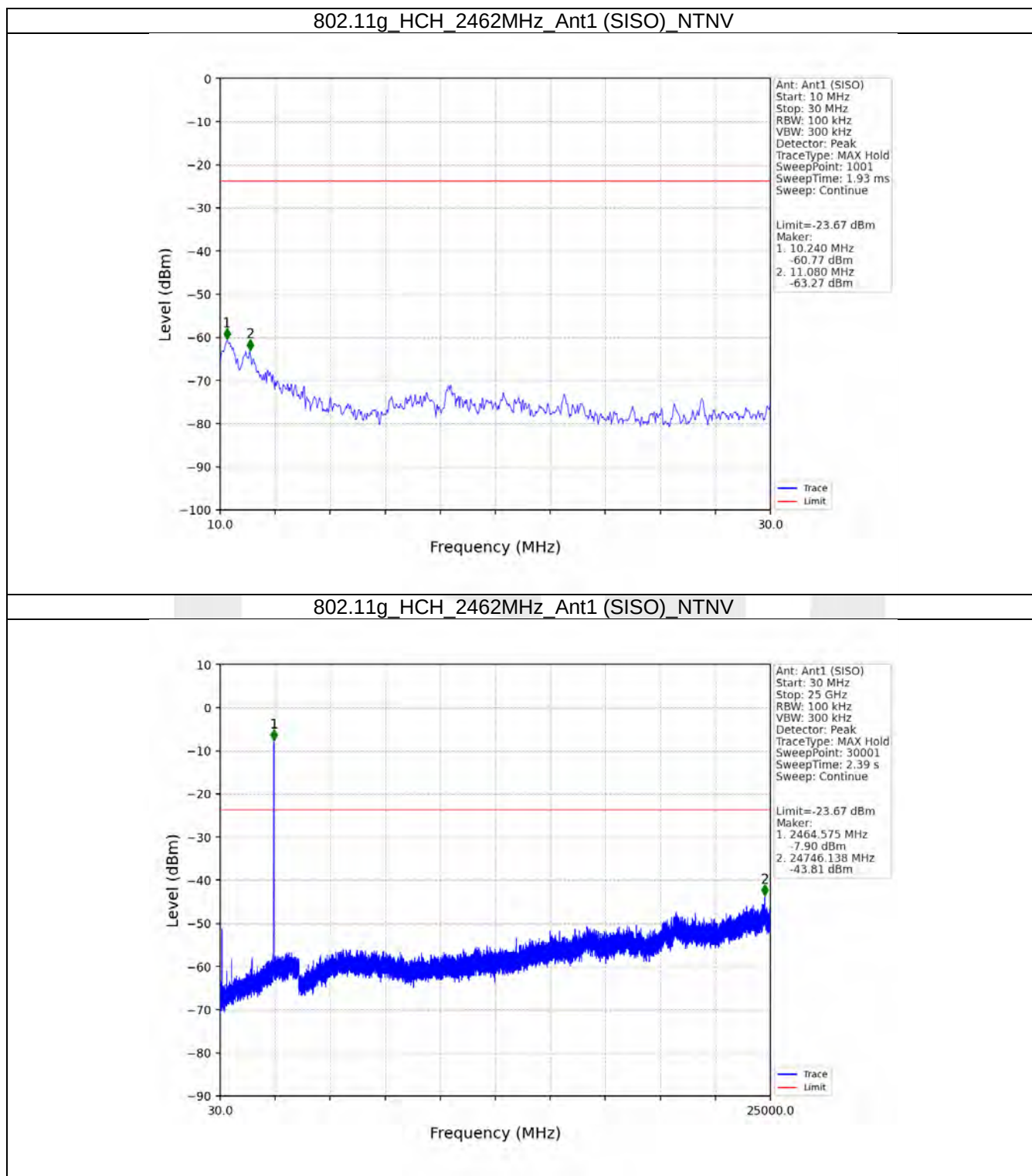




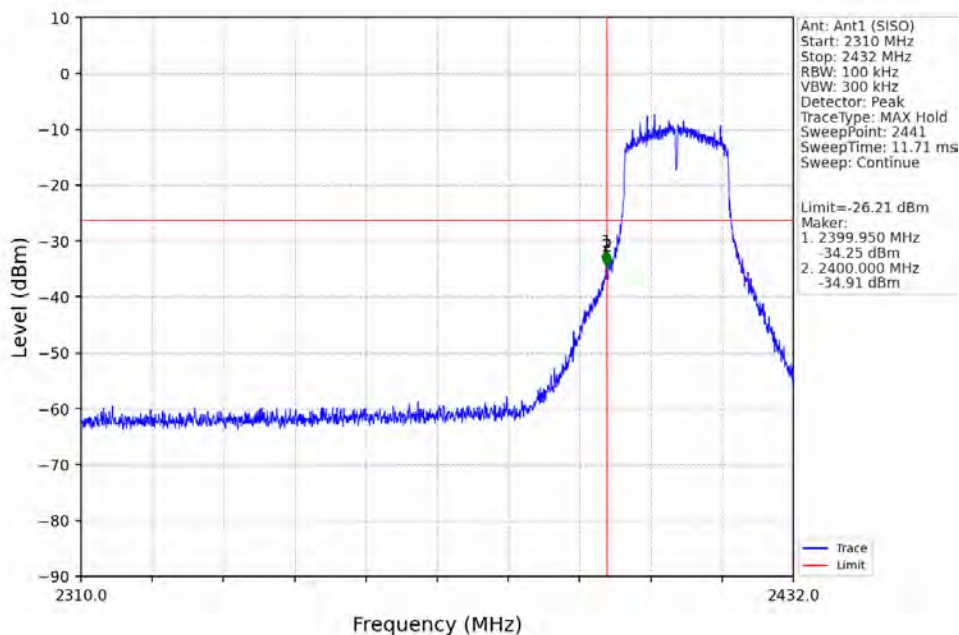




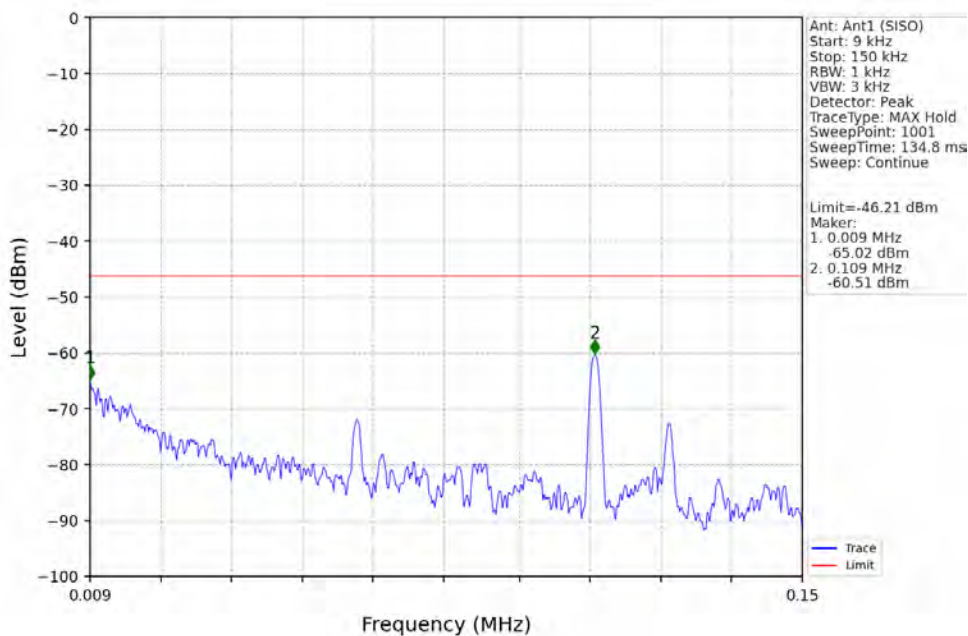


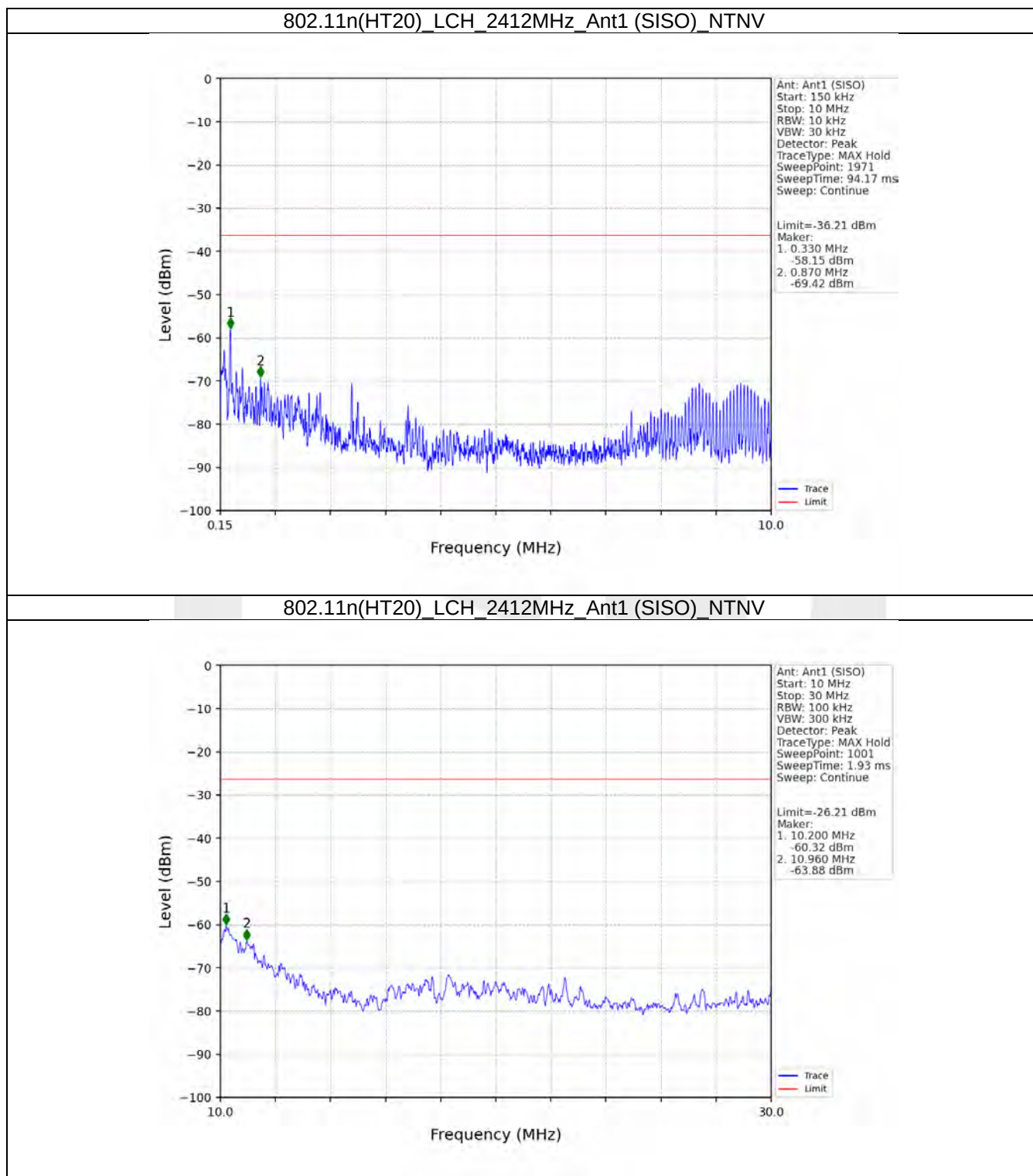


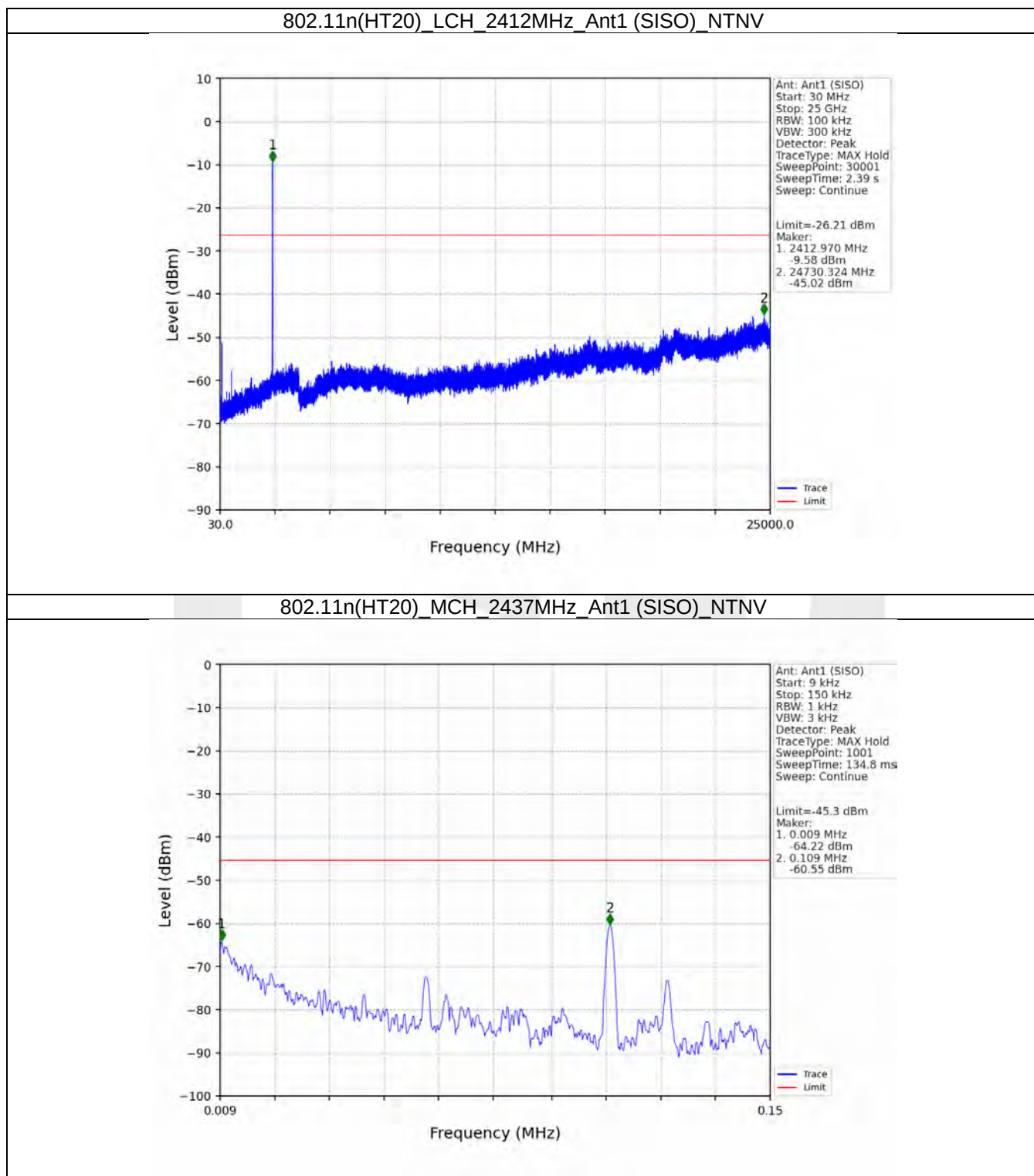
802.11n(HT20)_LCH_2412MHz_Ant1 (SISO)_NTNV

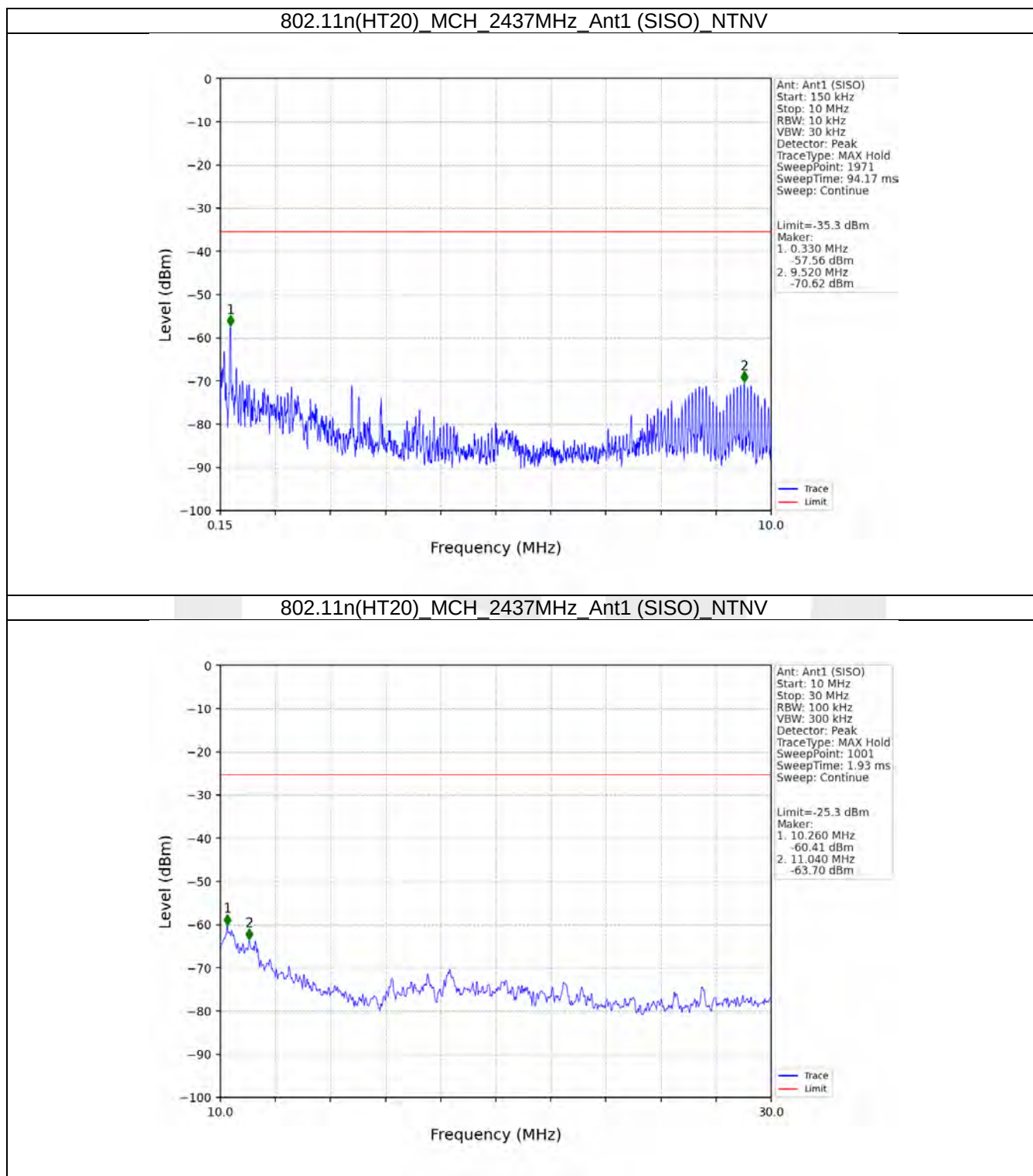


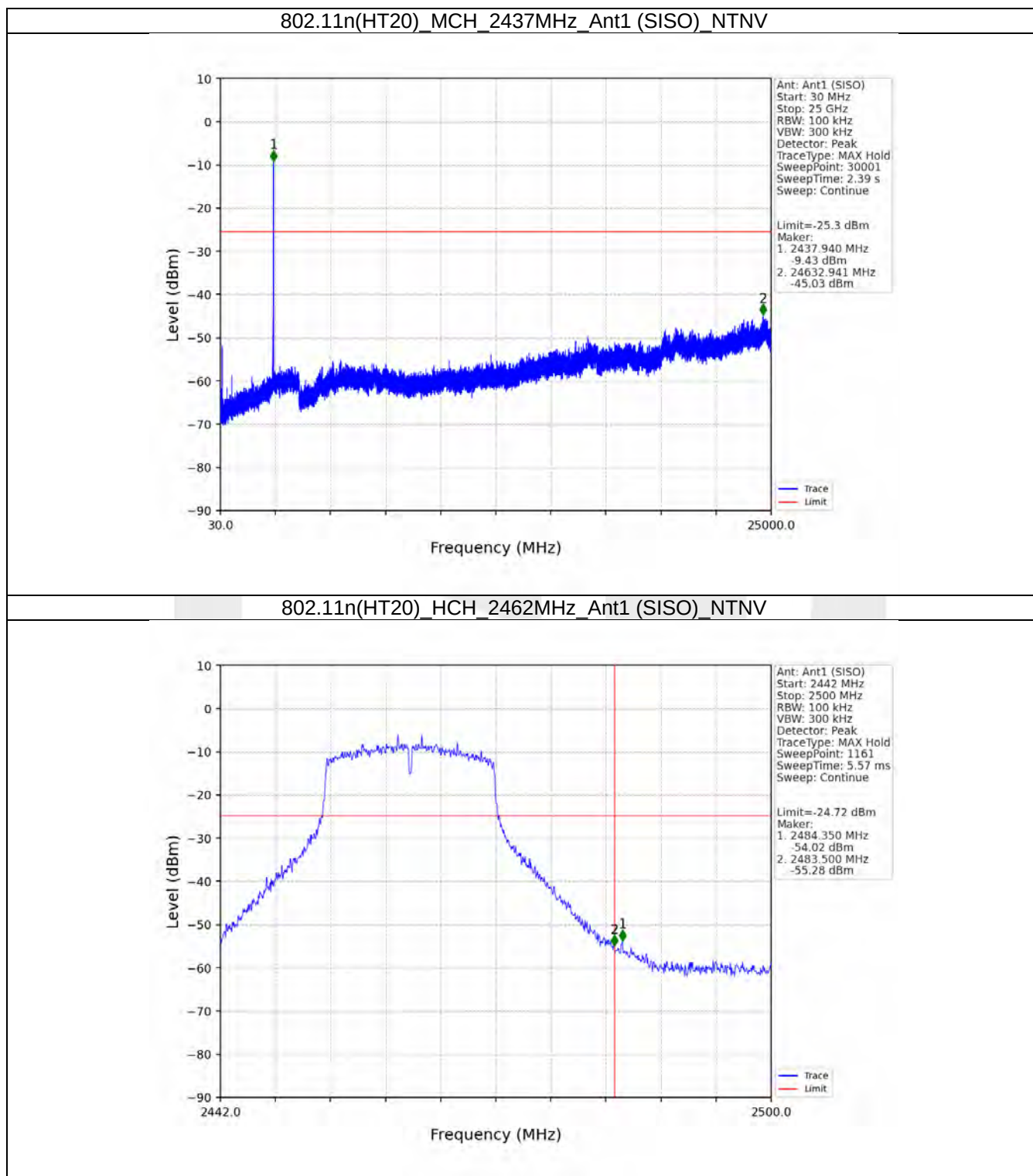
802.11n(HT20)_LCH_2412MHz_Ant1 (SISO)_NTNV

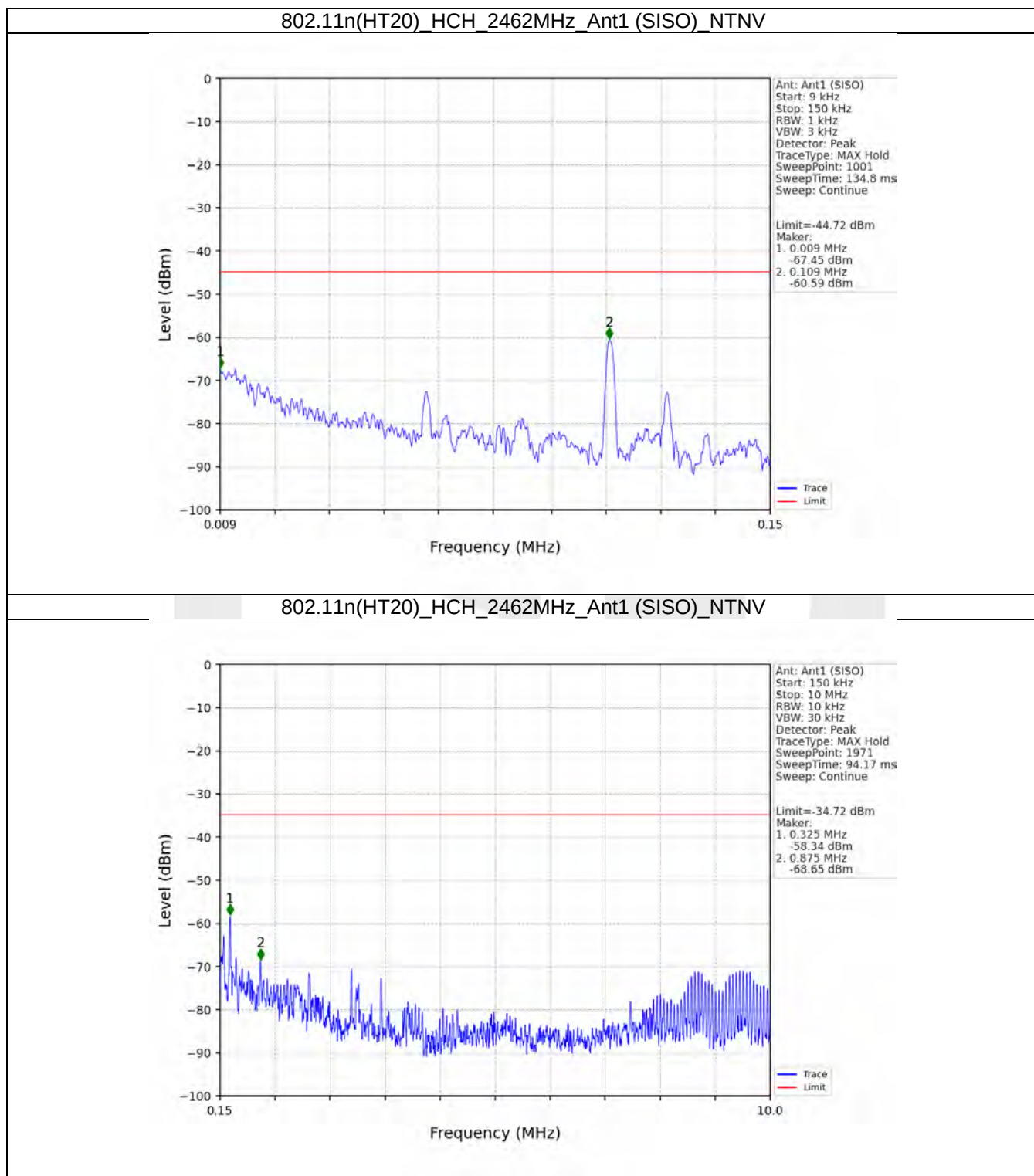


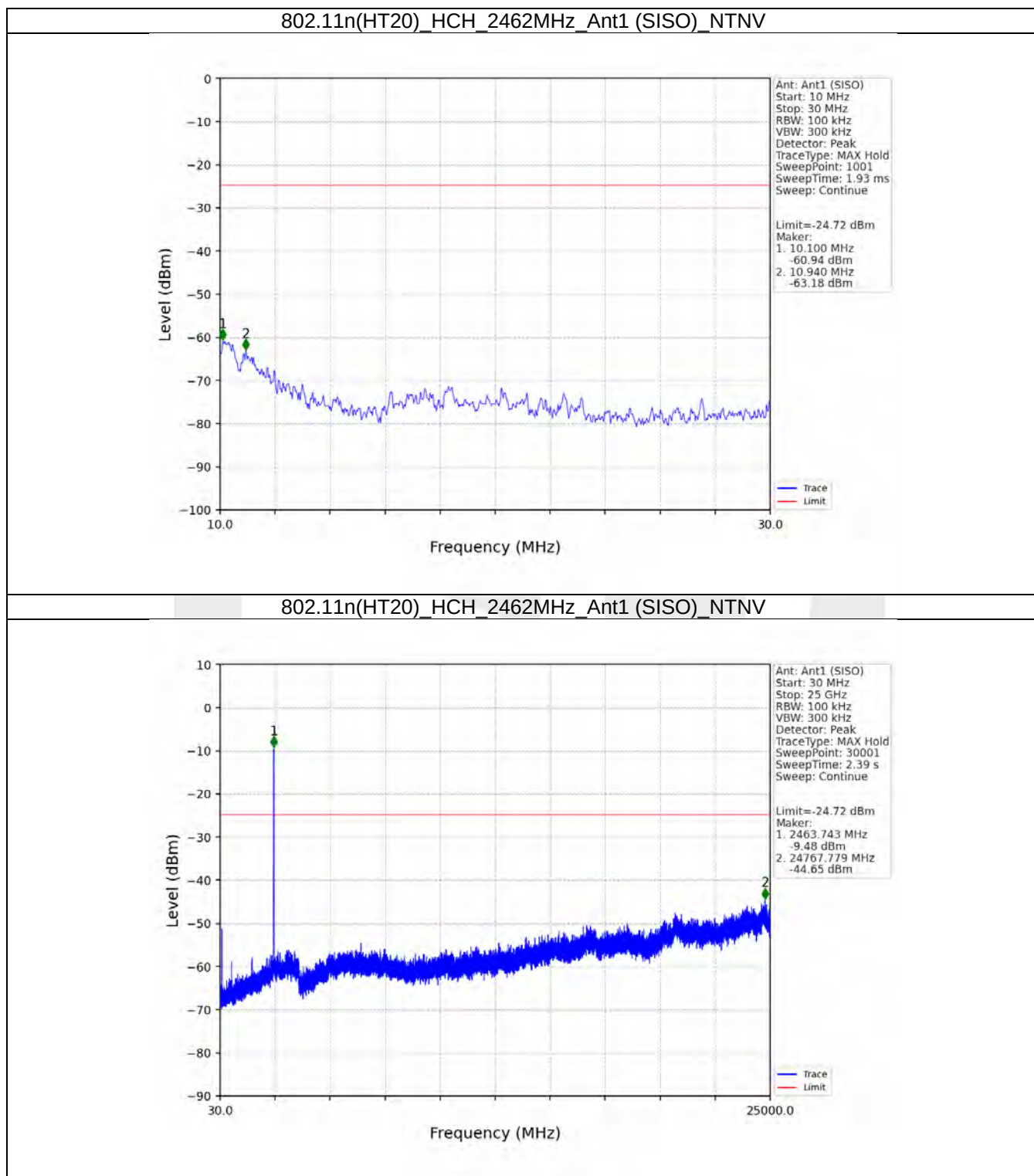




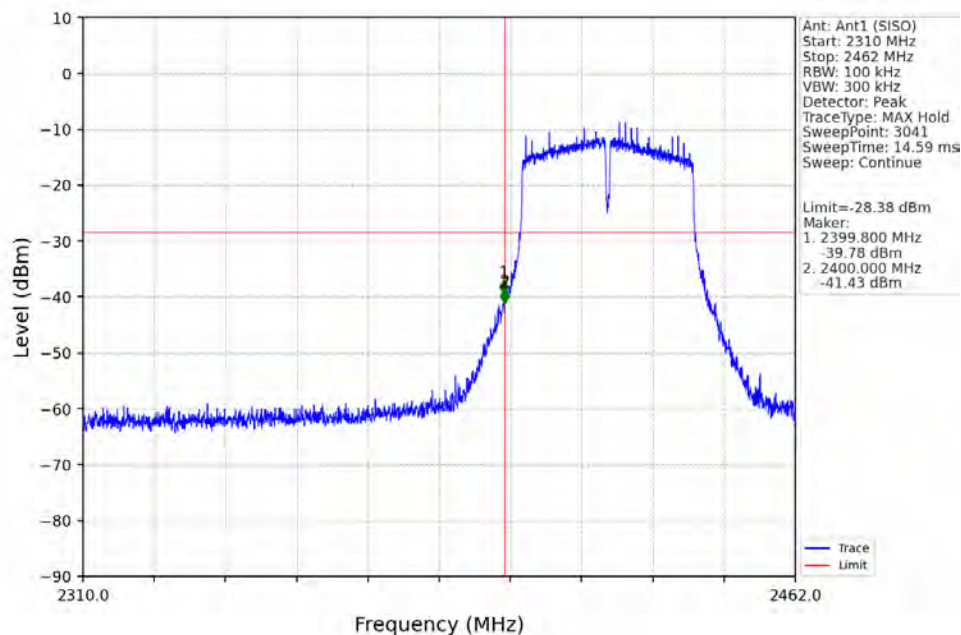




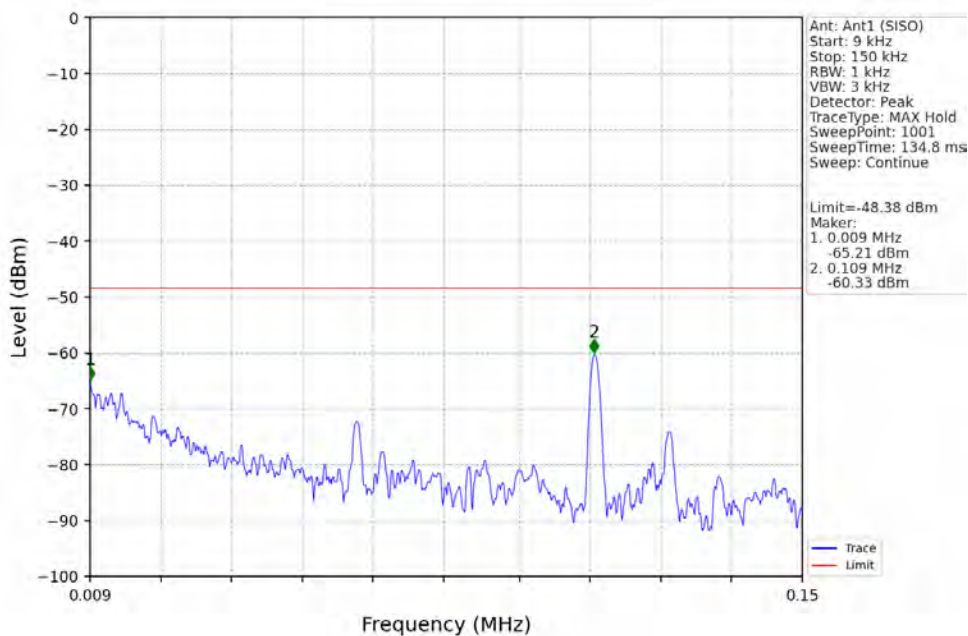


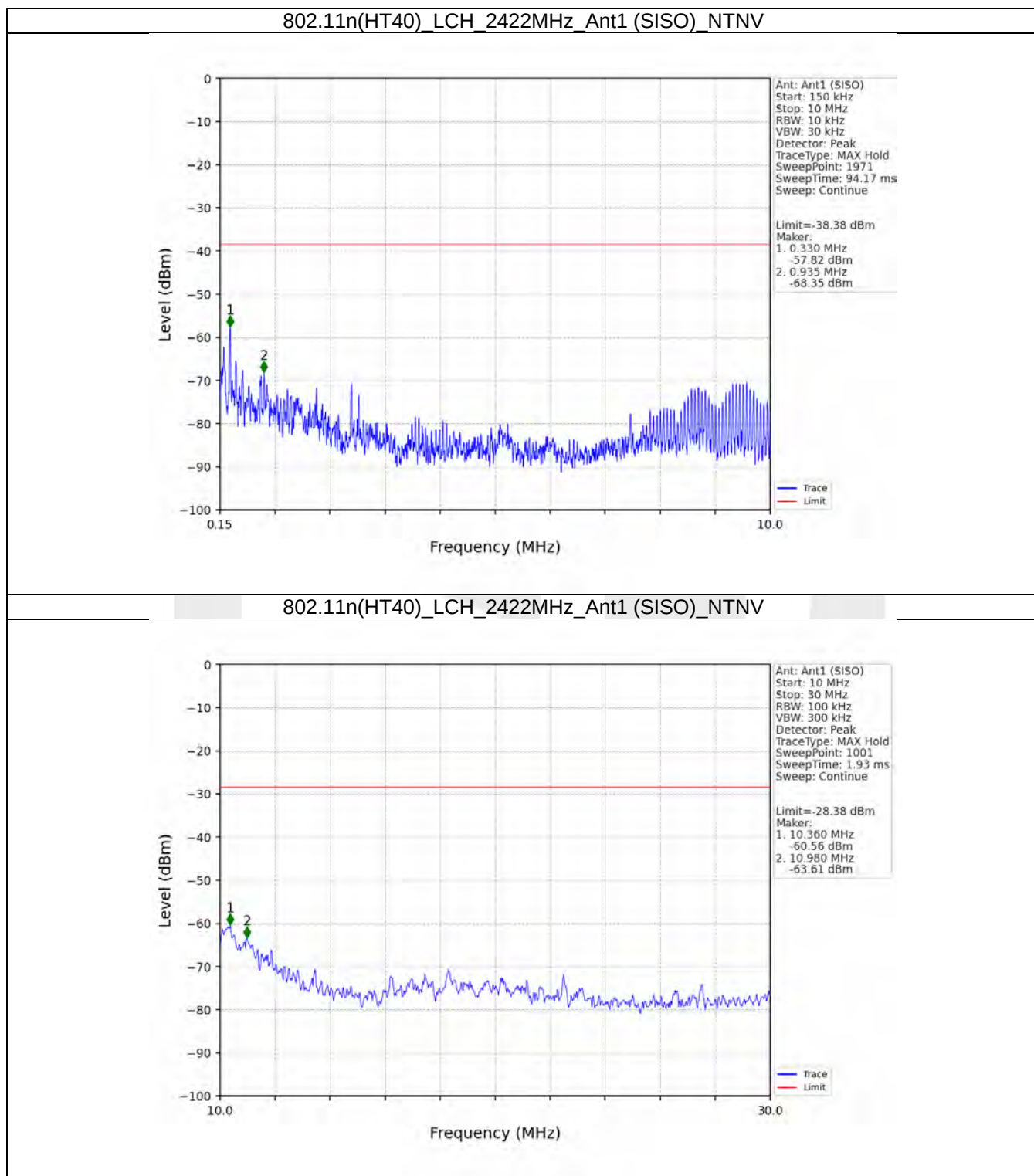


802.11n(HT40)_LCH_2422MHz_Ant1 (SISO)_NTNV

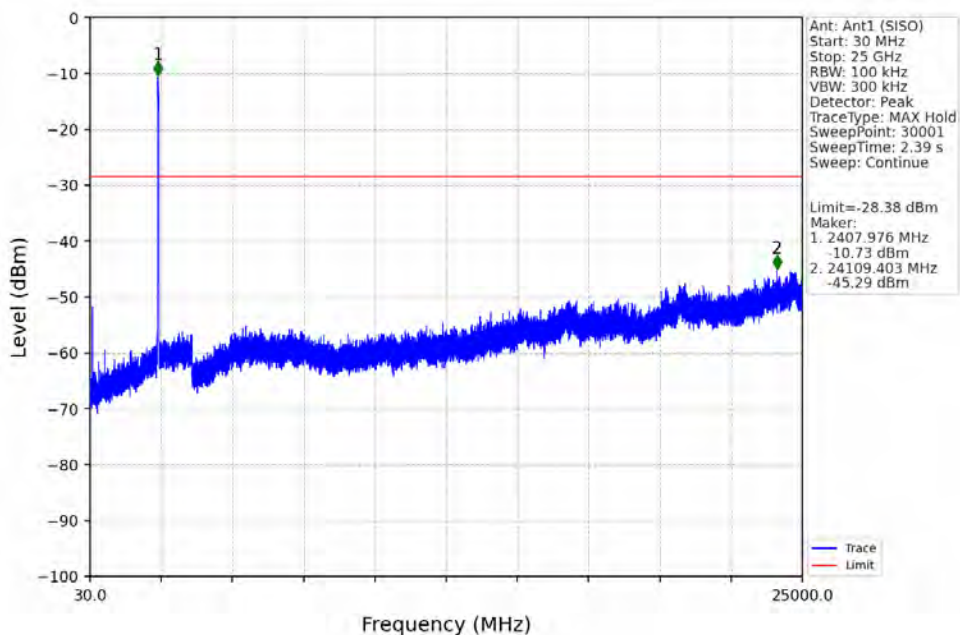


802.11n(HT40)_LCH_2422MHz_Ant1 (SISO)_NTNV

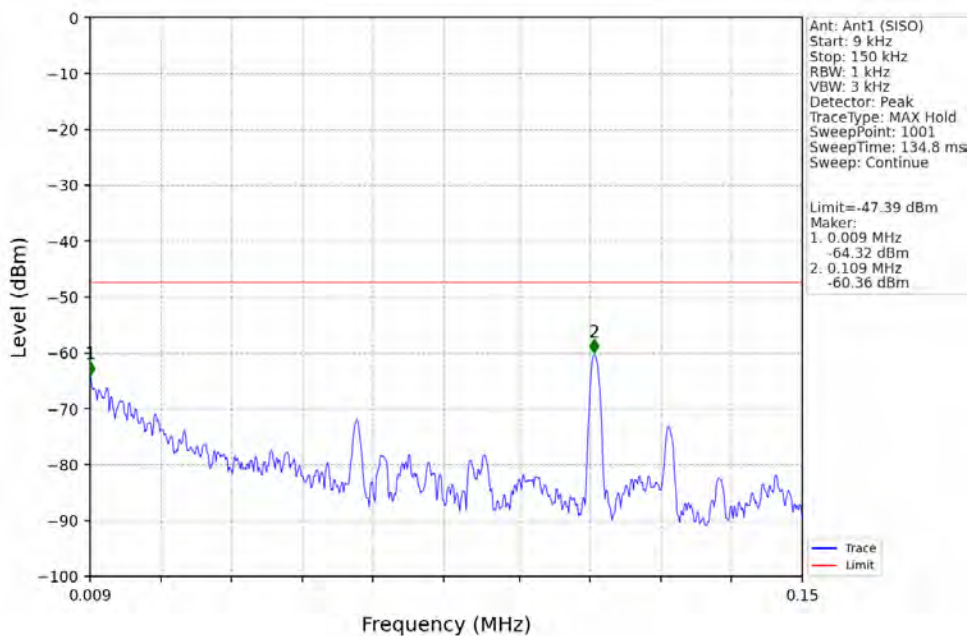


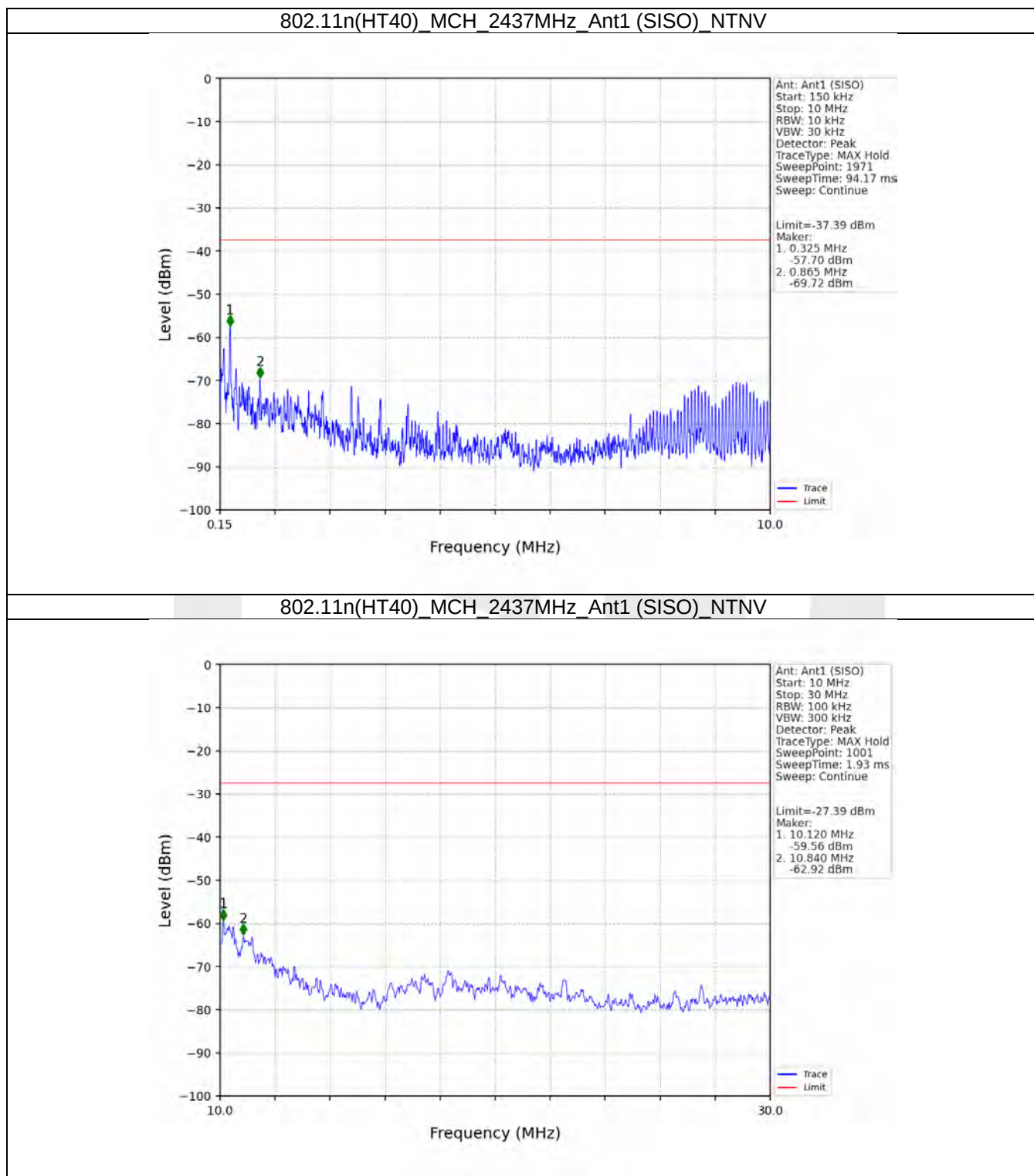


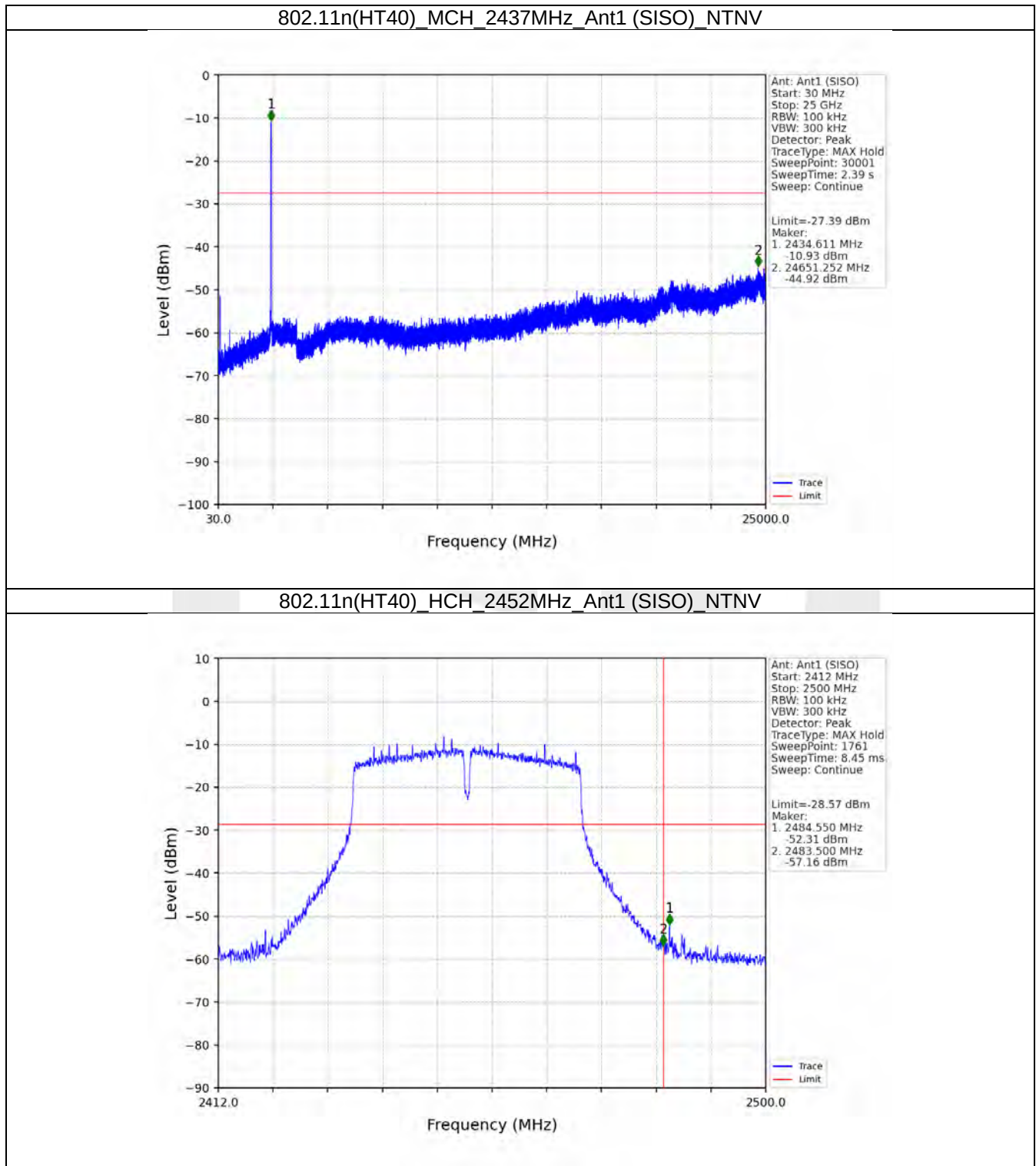
802.11n(HT40)_LCH_2422MHz_Ant1 (SISO)_NTNV

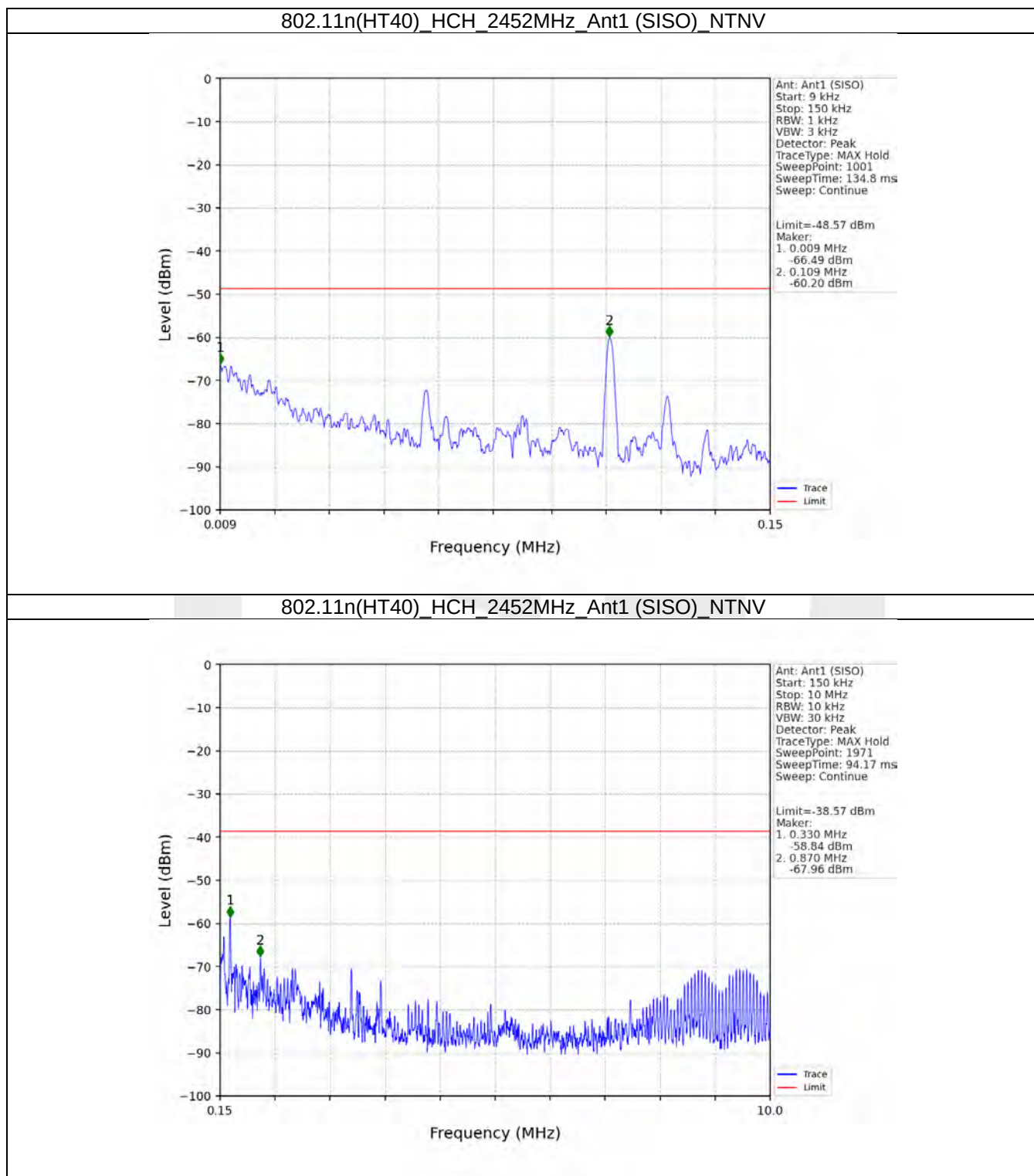


802.11n(HT40)_MCH_2437MHz_Ant1 (SISO)_NTNV

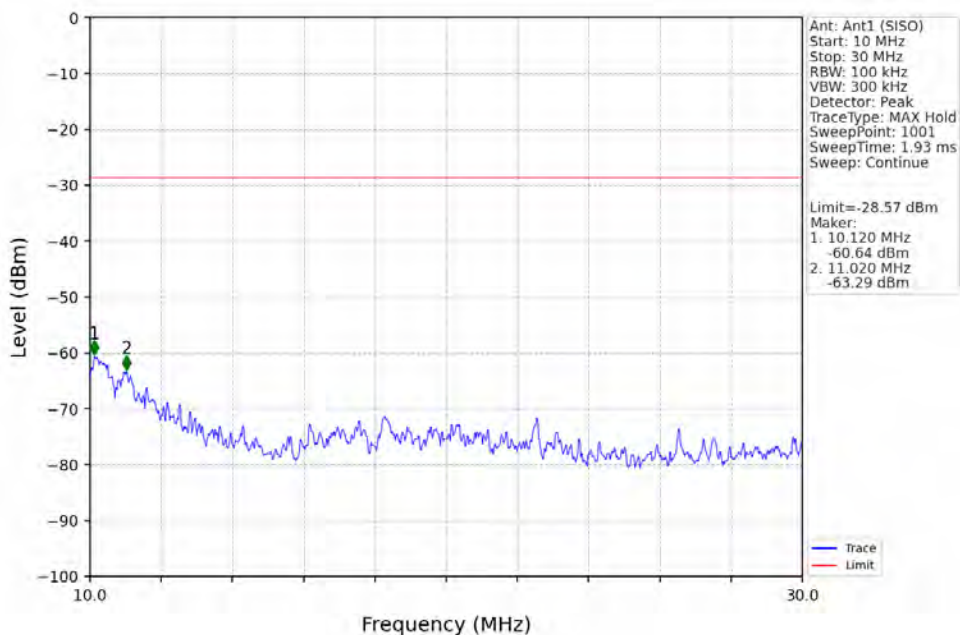




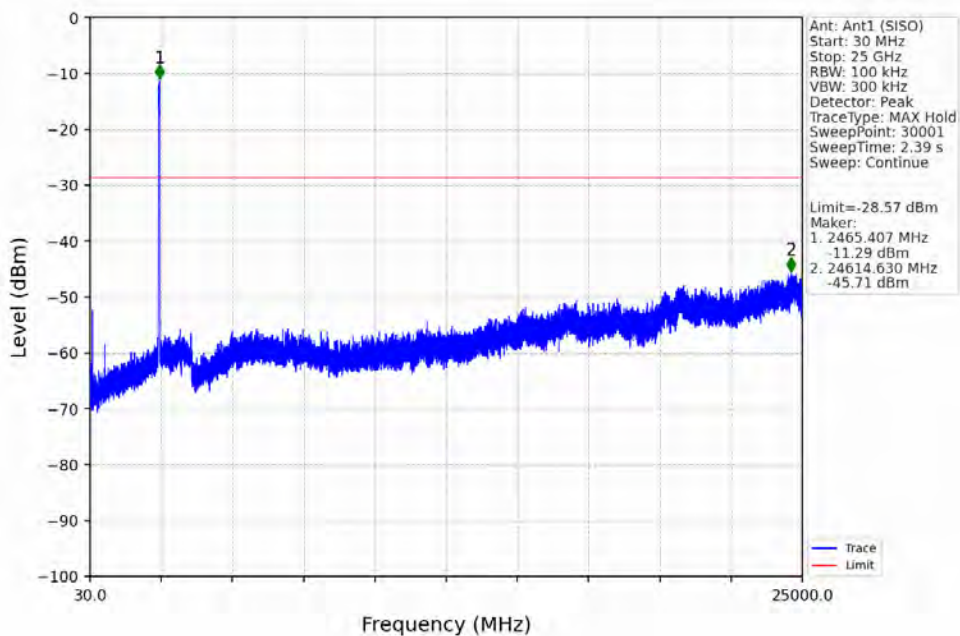




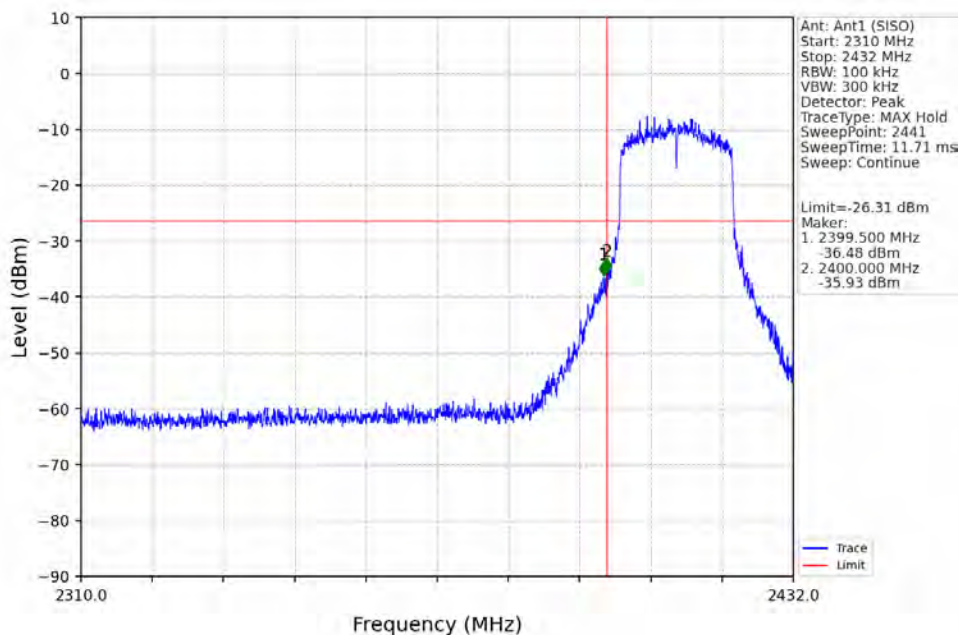
802.11n(HT40)_HCH_2452MHz_Ant1 (SISO)_NTNV



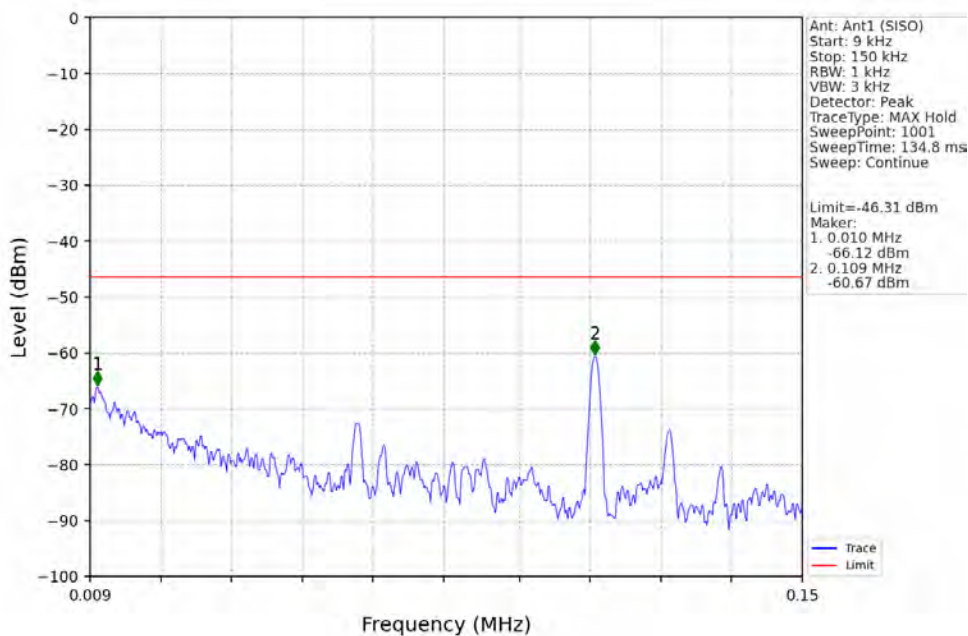
802.11n(HT40)_HCH_2452MHz_Ant1 (SISO)_NTNV



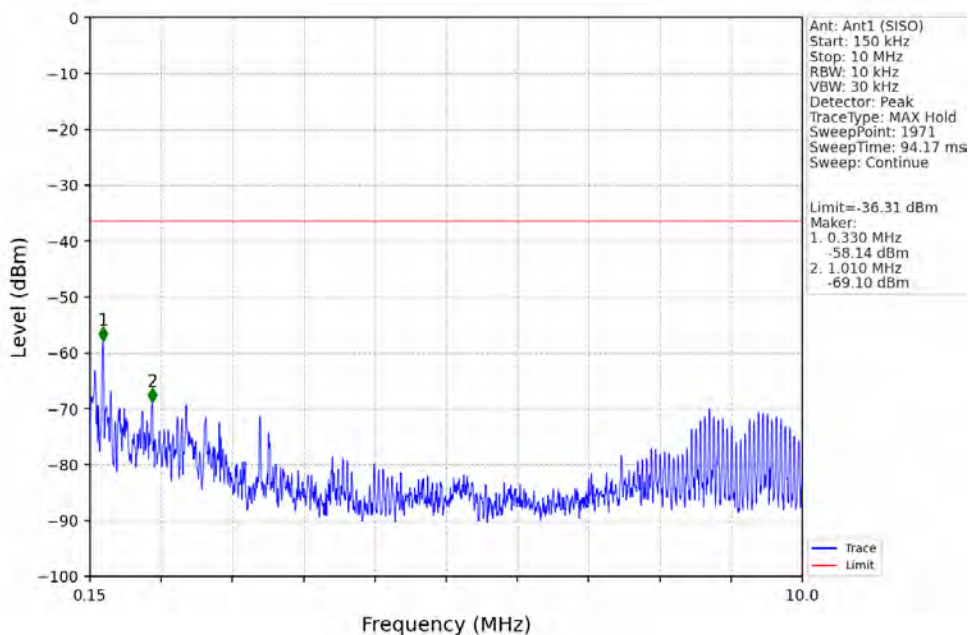
802.11ax(HEW20)_LCH_2412MHz_SU_ / _Ant1 (SISO)_NTNV



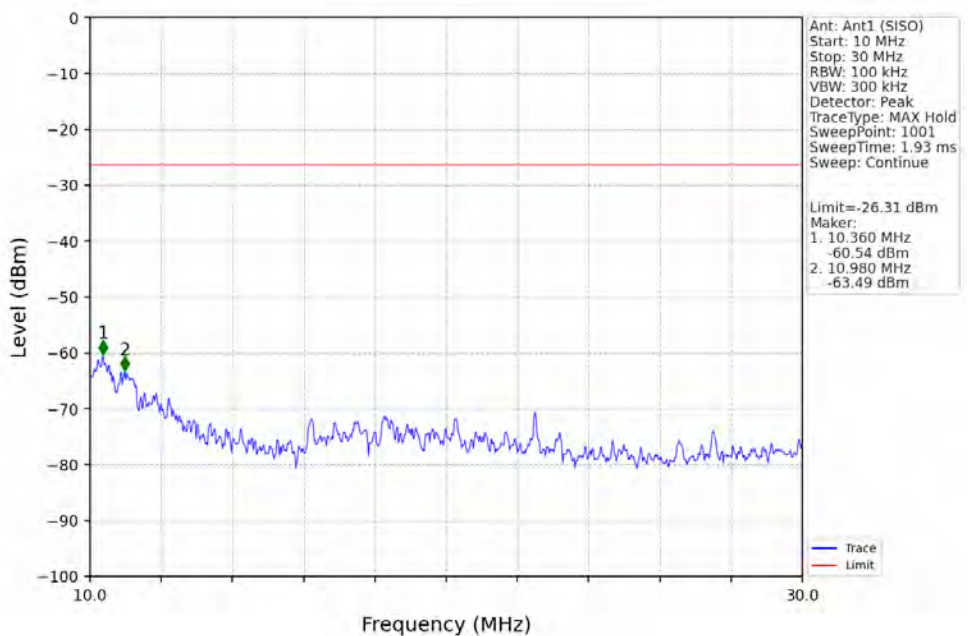
802.11ax(HEW20)_LCH_2412MHz_SU_ / _Ant1 (SISO)_NTNV



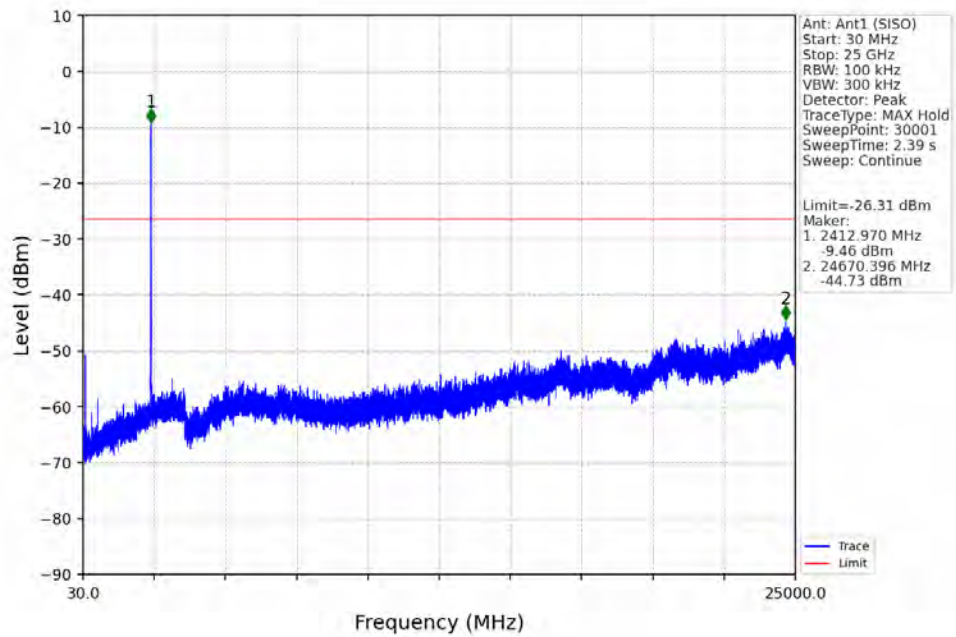
802.11ax(HEW20)_LCH_2412MHz_SU_ / _Ant1 (SISO)_NTNV



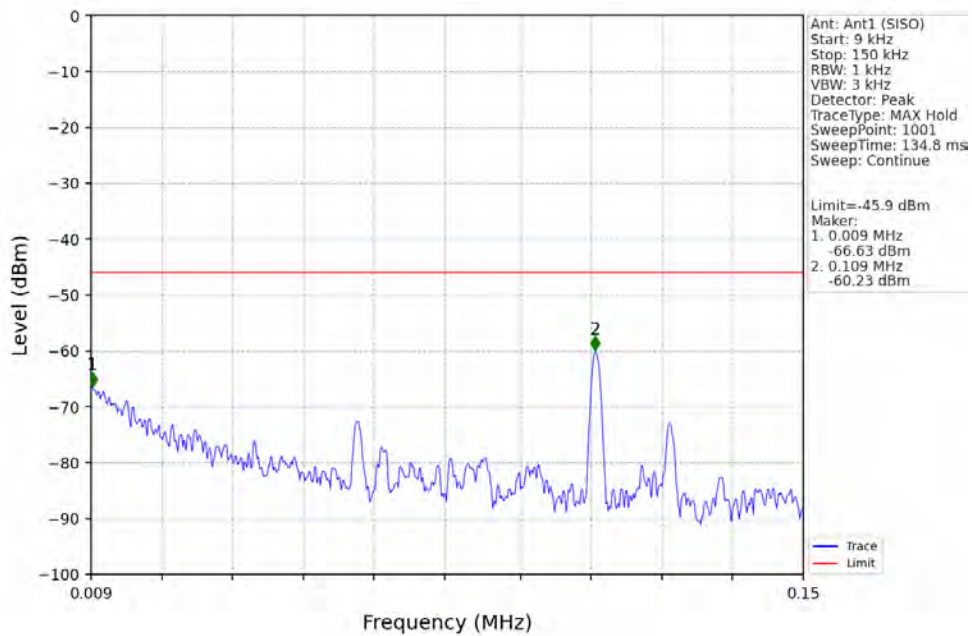
802.11ax(HEW20)_LCH_2412MHz_SU_ / _Ant1 (SISO)_NTNV



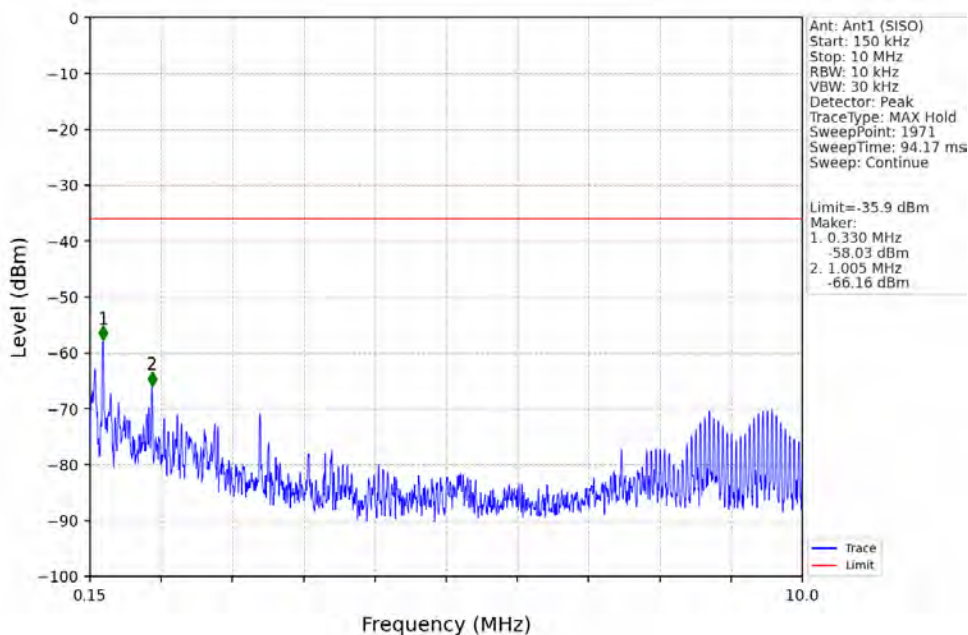
802.11ax(HEW20)_LCH_2412MHz_SU_ / _Ant1 (SISO)_NTNV



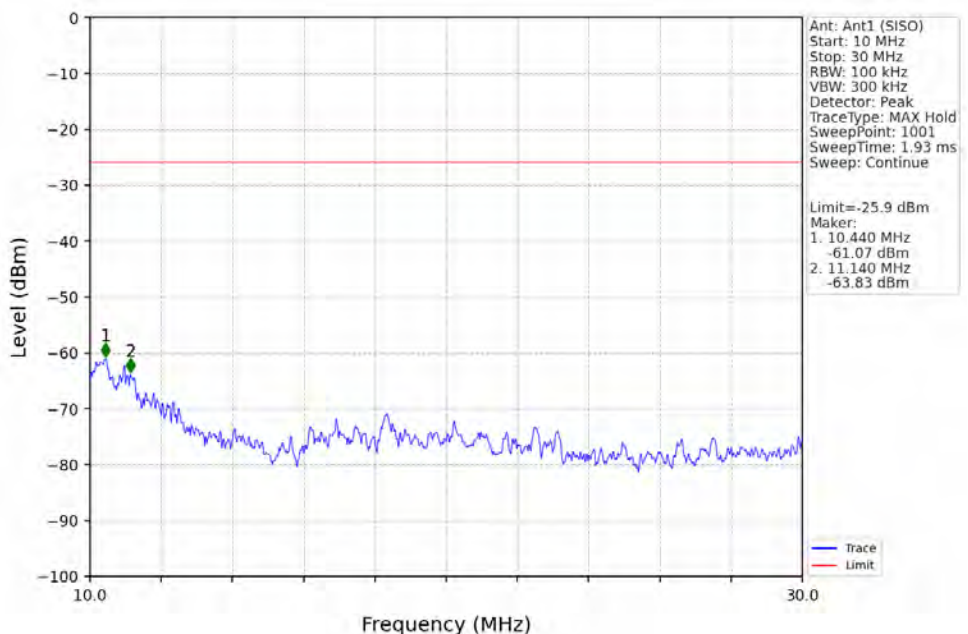
802.11ax(HEW20)_MCH_2437MHz_SU_ / _Ant1 (SISO)_NTNV



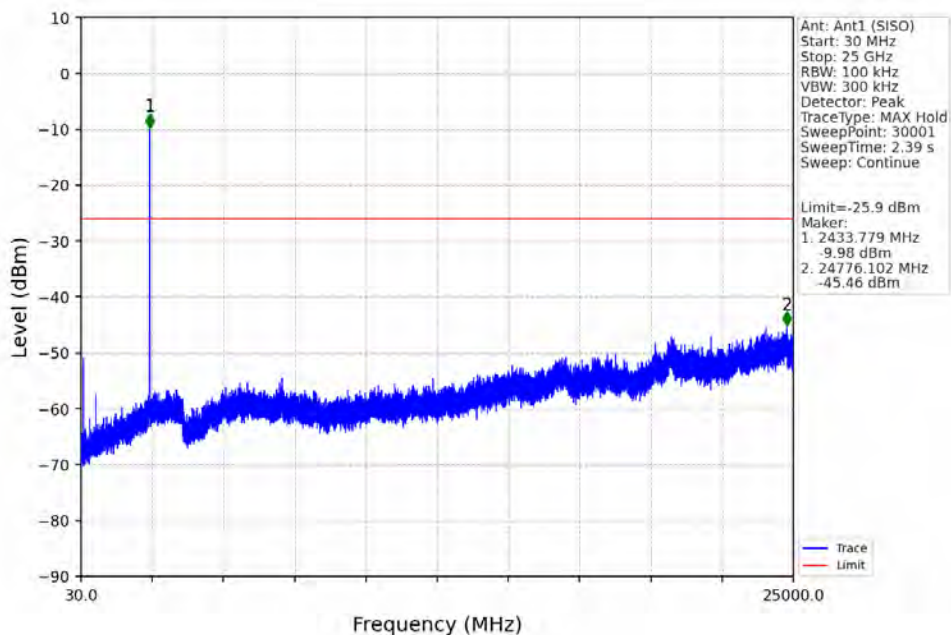
802.11ax(HEW20)_MCH_2437MHz_SU / _Ant1 (SISO)_NTNV



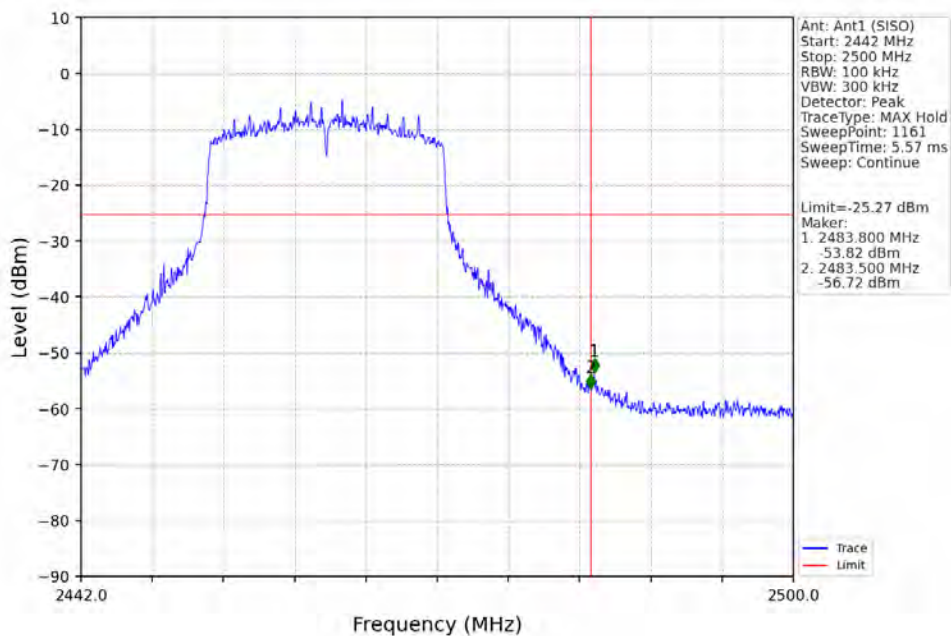
802.11ax(HEW20)_MCH_2437MHz_SU / _Ant1 (SISO)_NTNV



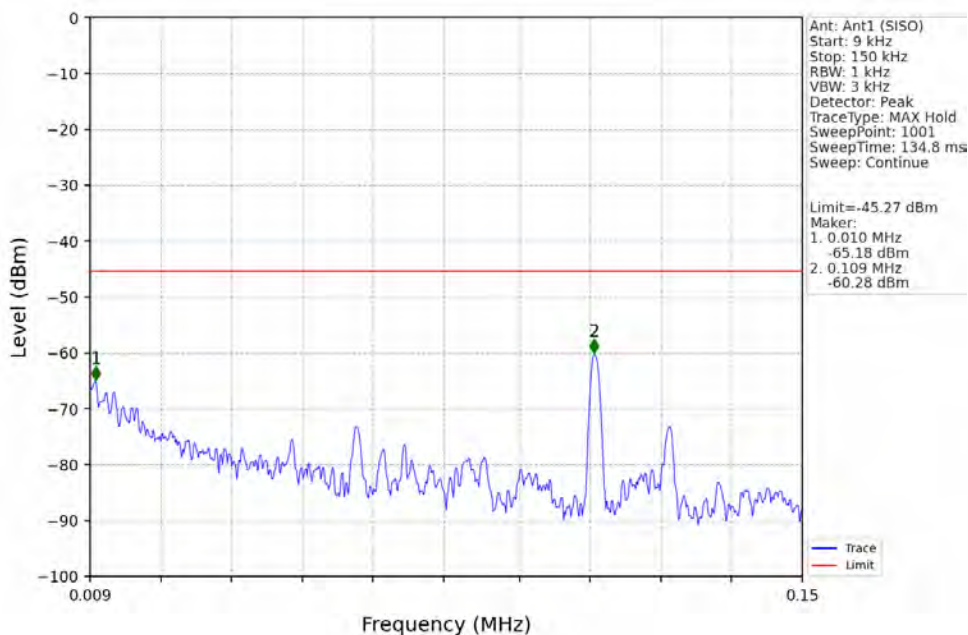
802.11ax(HEW20)_MCH_2437MHz_SU / _Ant1 (SISO)_NTNV



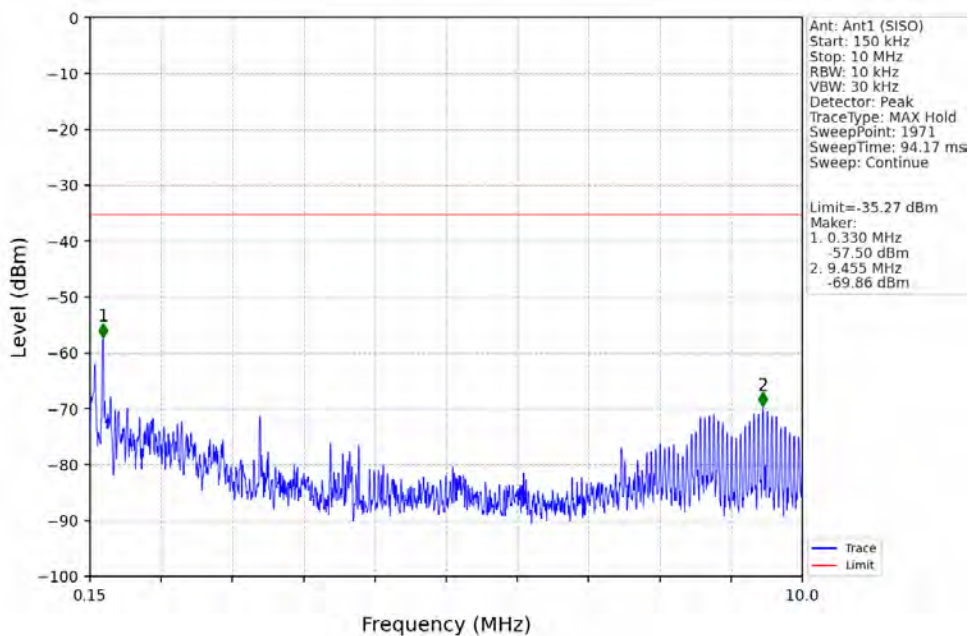
802.11ax(HEW20)_HCH_2462MHz_SU / _Ant1 (SISO)_NTNV



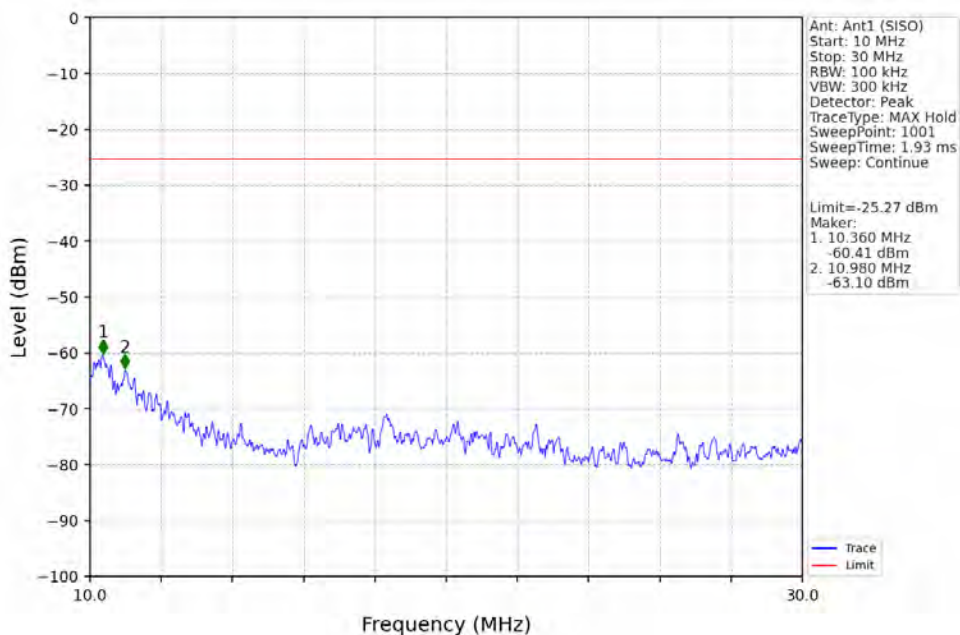
802.11ax(HEW20)_HCH_2462MHz_SU_ / _Ant1 (SISO)_NTNV



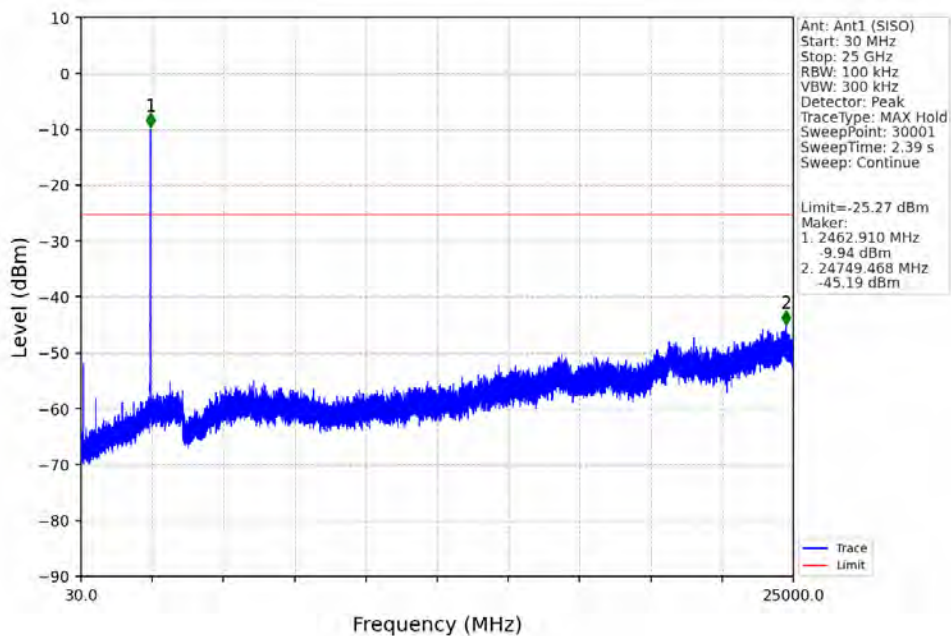
802.11ax(HEW20)_HCH_2462MHz_SU_ / _Ant1 (SISO)_NTNV

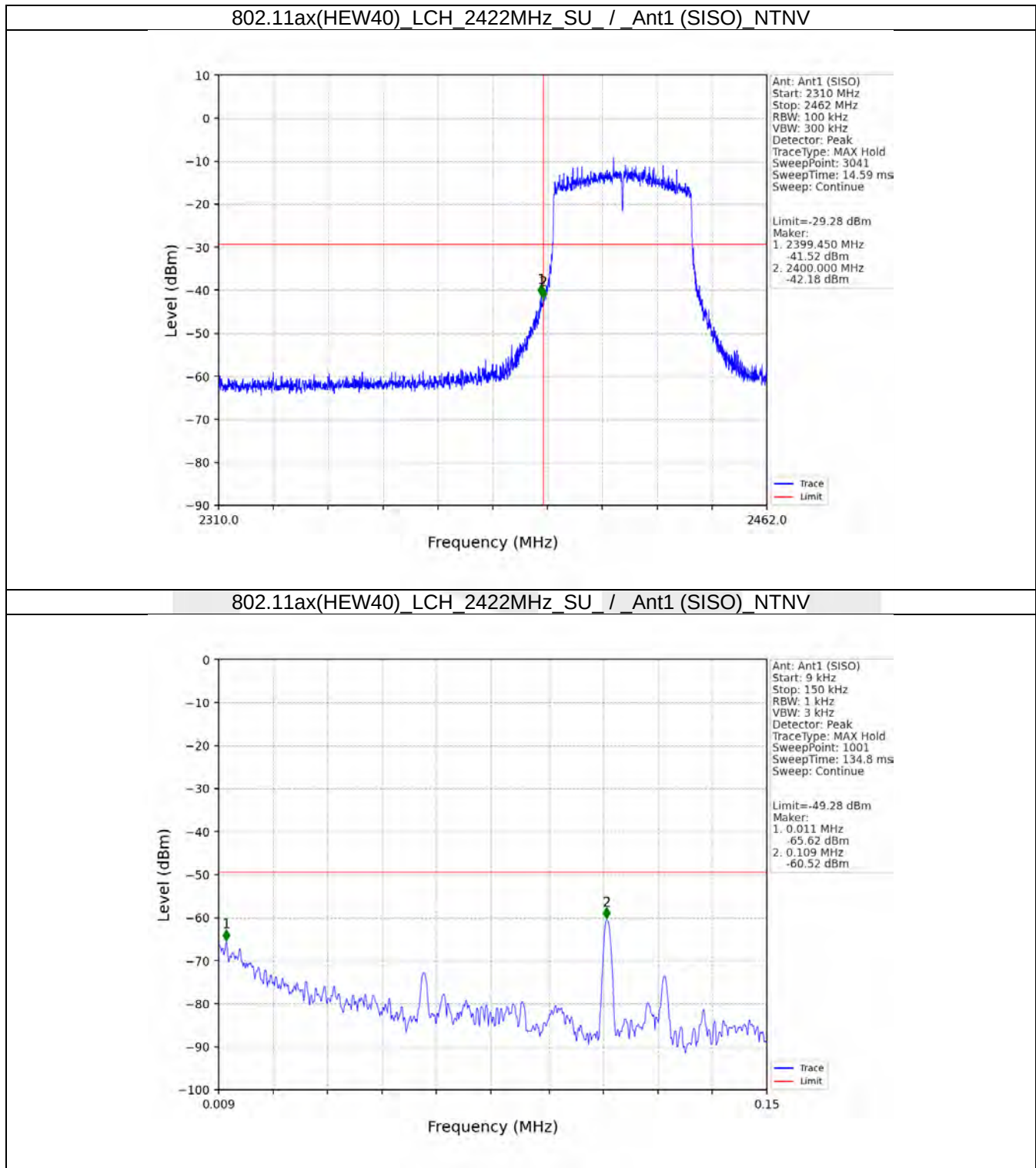


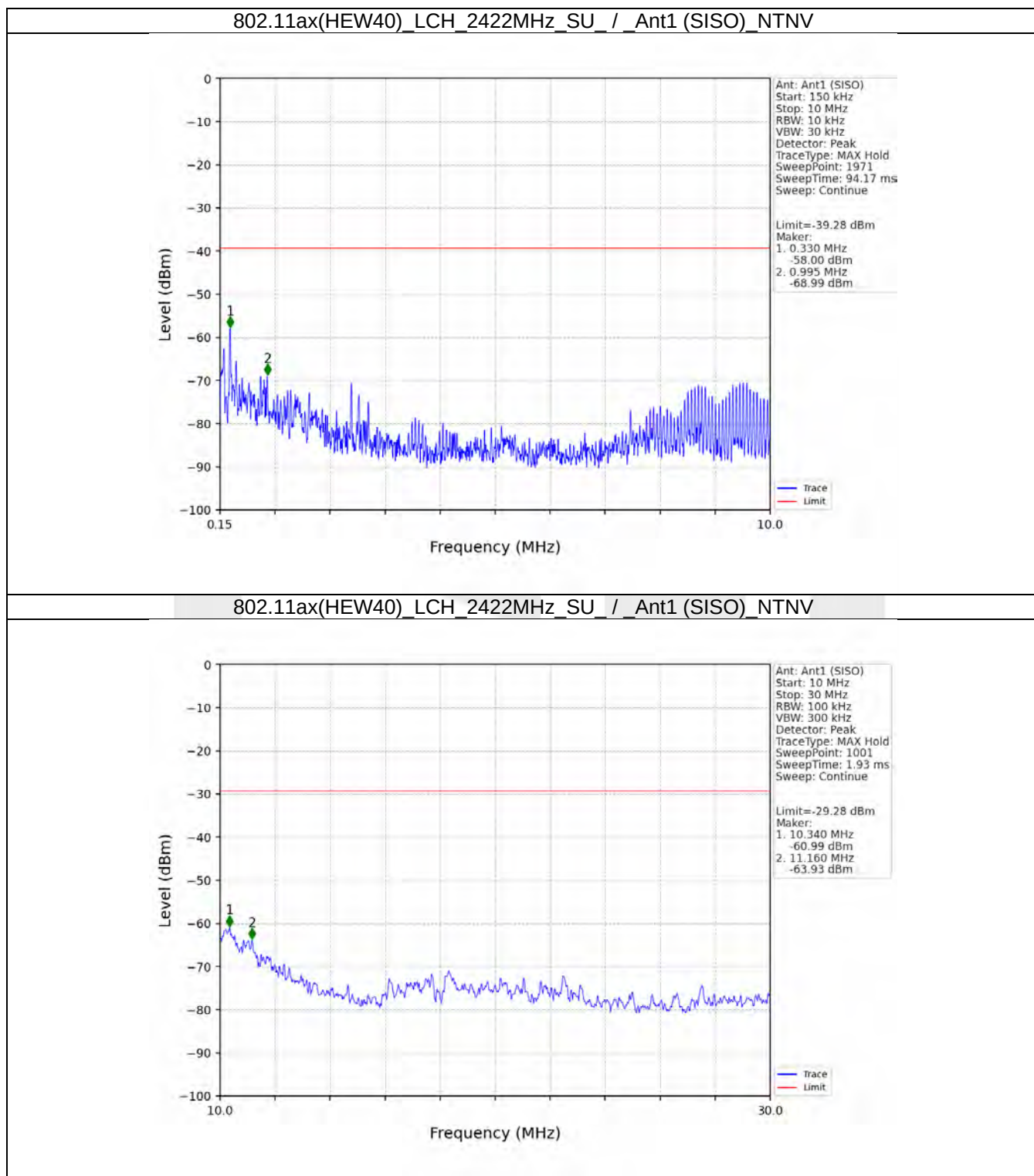
802.11ax(HEW20)_HCH_2462MHz_SU_/_Ant1 (SISO)_NTNV

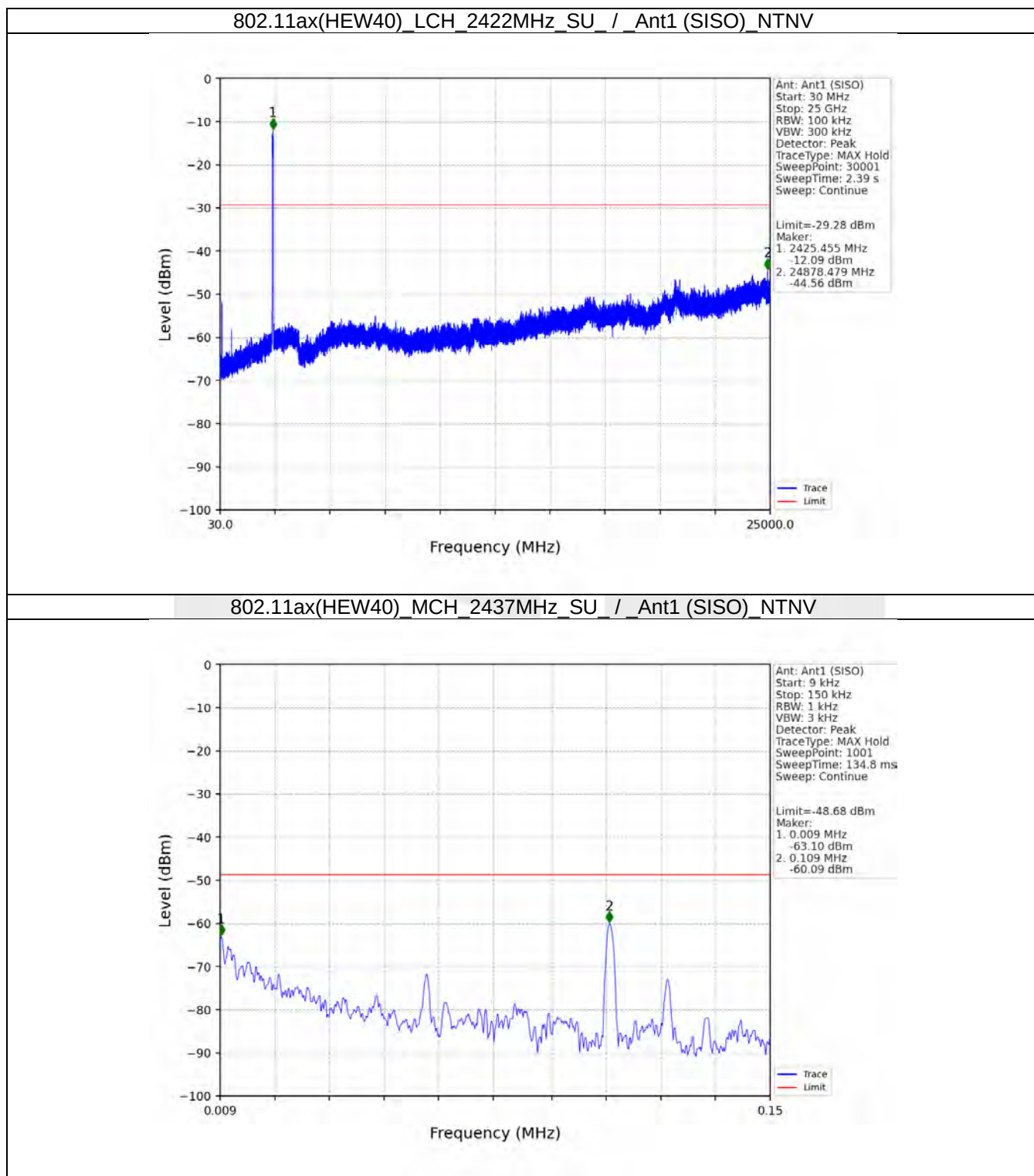


802.11ax(HEW20)_HCH_2462MHz_SU_/_Ant1 (SISO)_NTNV

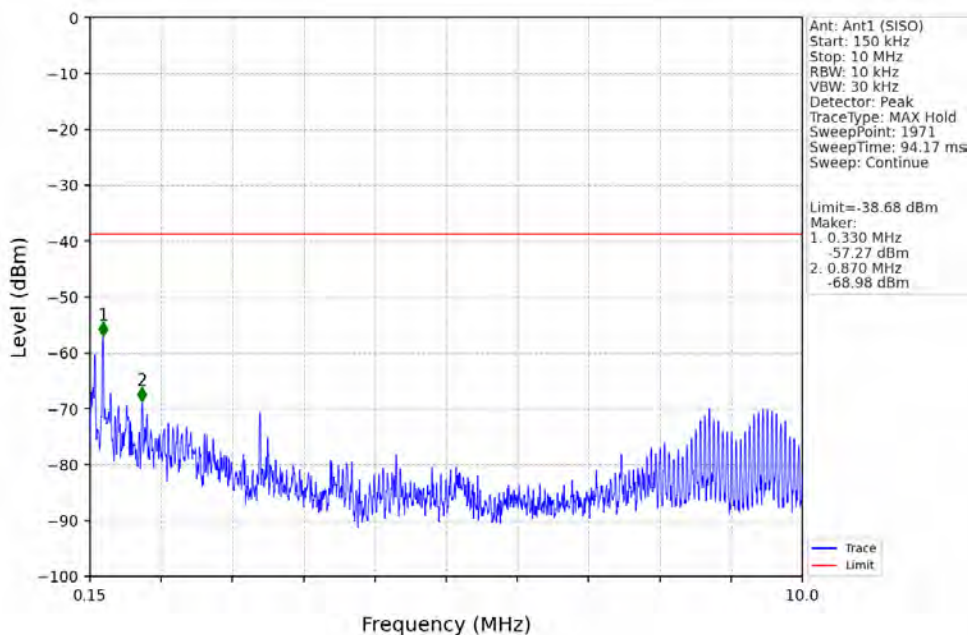




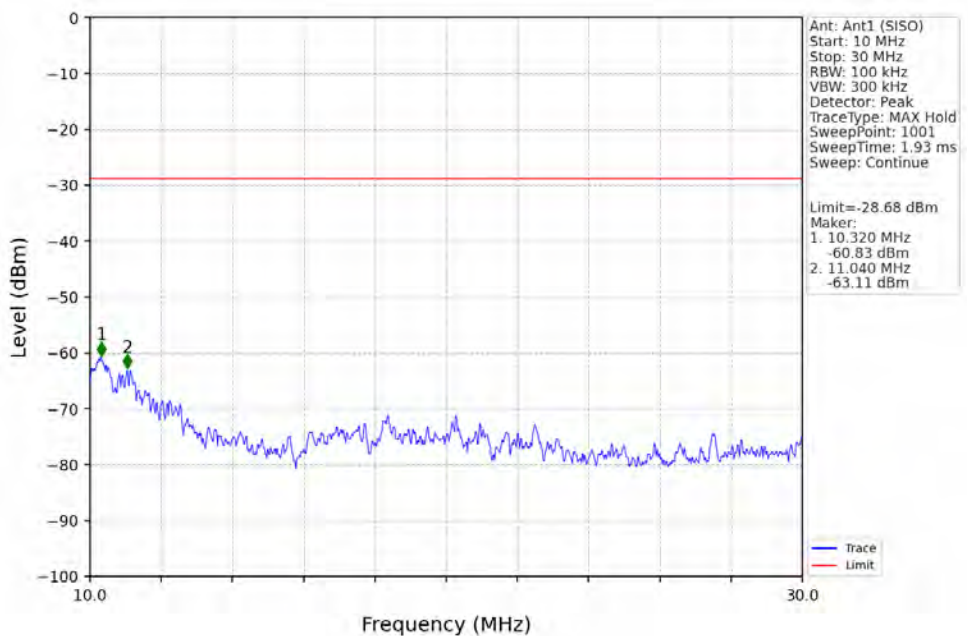




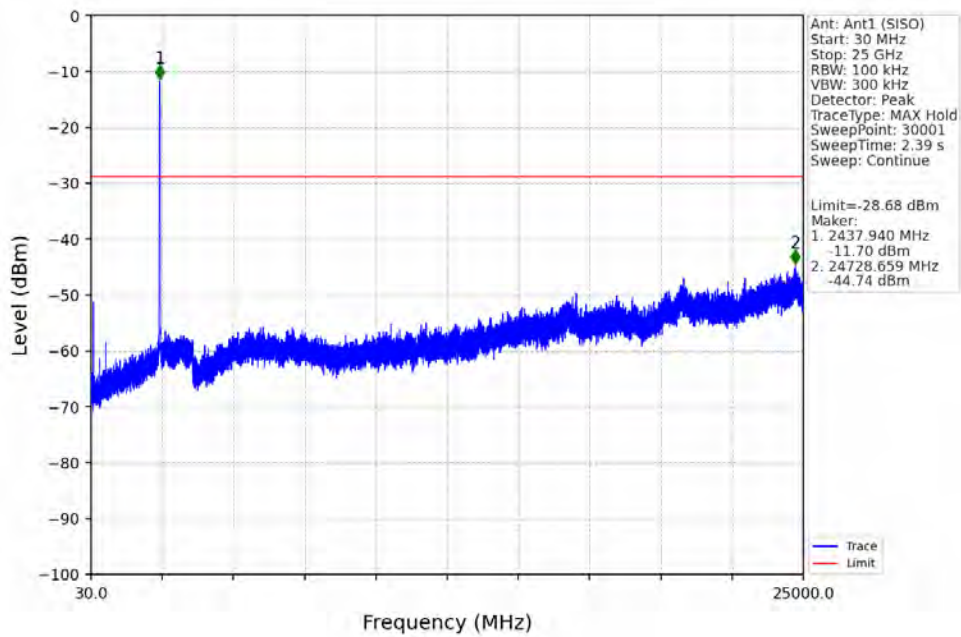
802.11ax(HEW40)_MCH_2437MHz_SU / _Ant1 (SISO)_NTNV



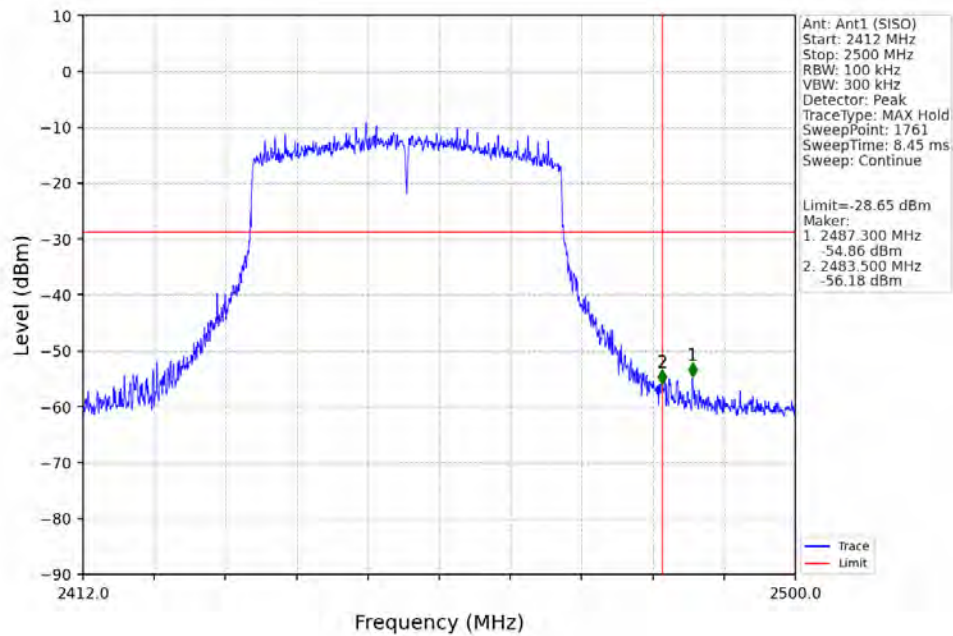
802.11ax(HEW40)_MCH_2437MHz_SU / _Ant1 (SISO)_NTNV

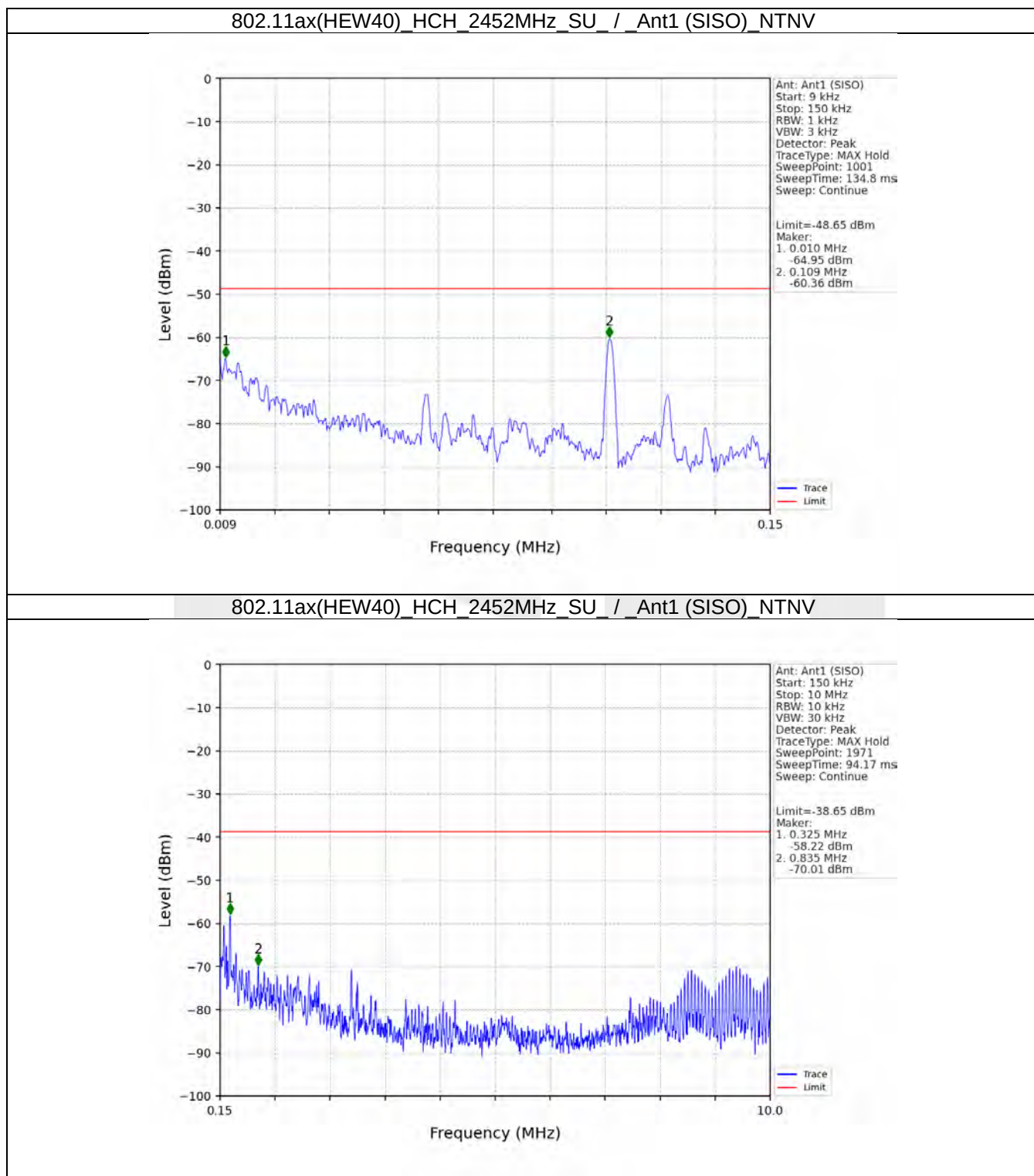


802.11ax(HEW40)_MCH_2437MHz_SU / _Ant1 (SISO)_NTNV

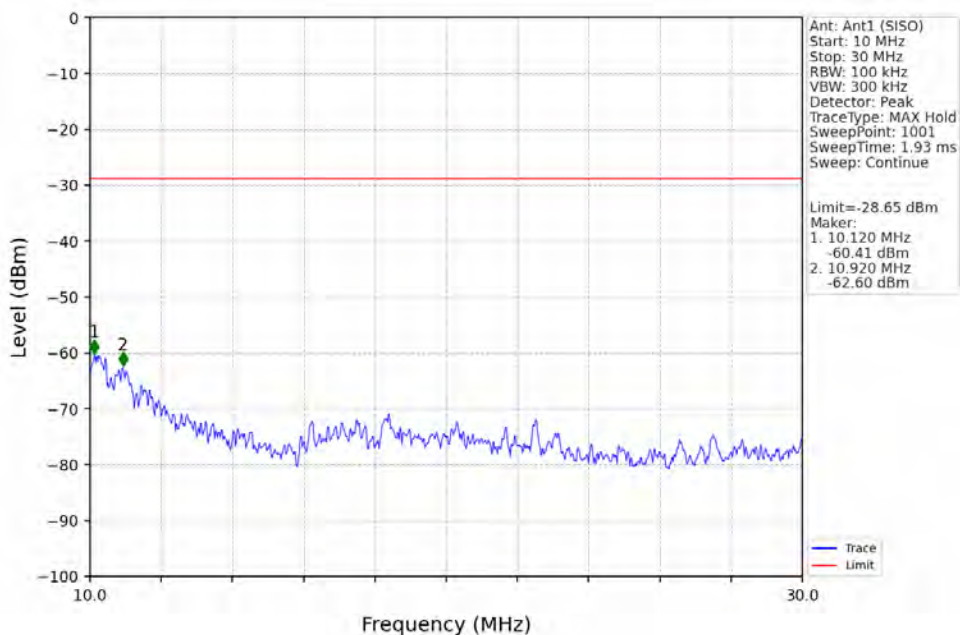


802.11ax(HEW40)_HCH_2452MHz_SU / _Ant1 (SISO)_NTNV

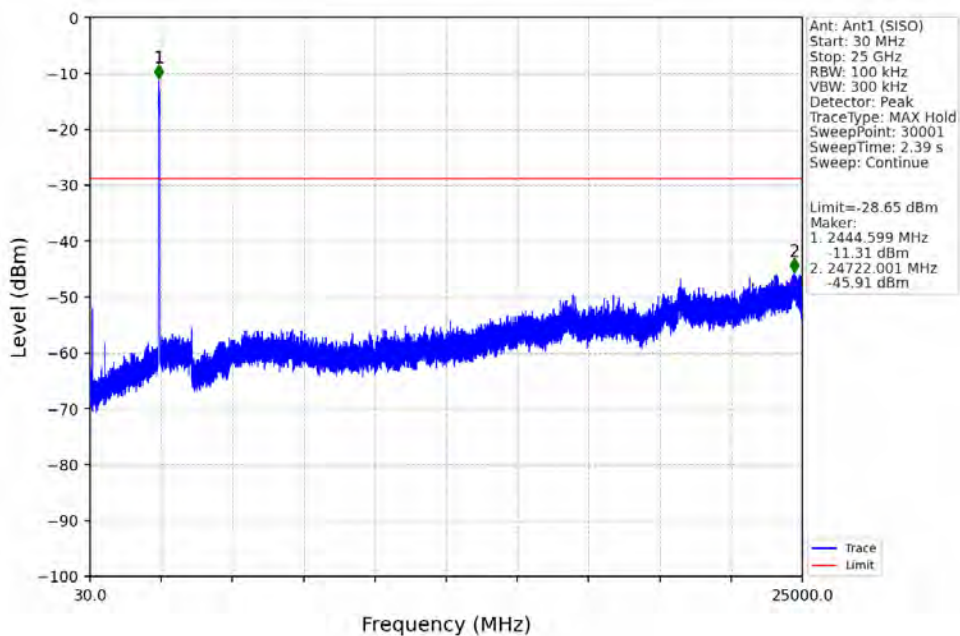




802.11ax(HEW40)_HCH_2452MHz_SU_/_Ant1 (SISO)_NTNV



802.11ax(HEW40)_HCH_2452MHz_SU_/_Ant1 (SISO)_NTNV



----- End of Report -----