

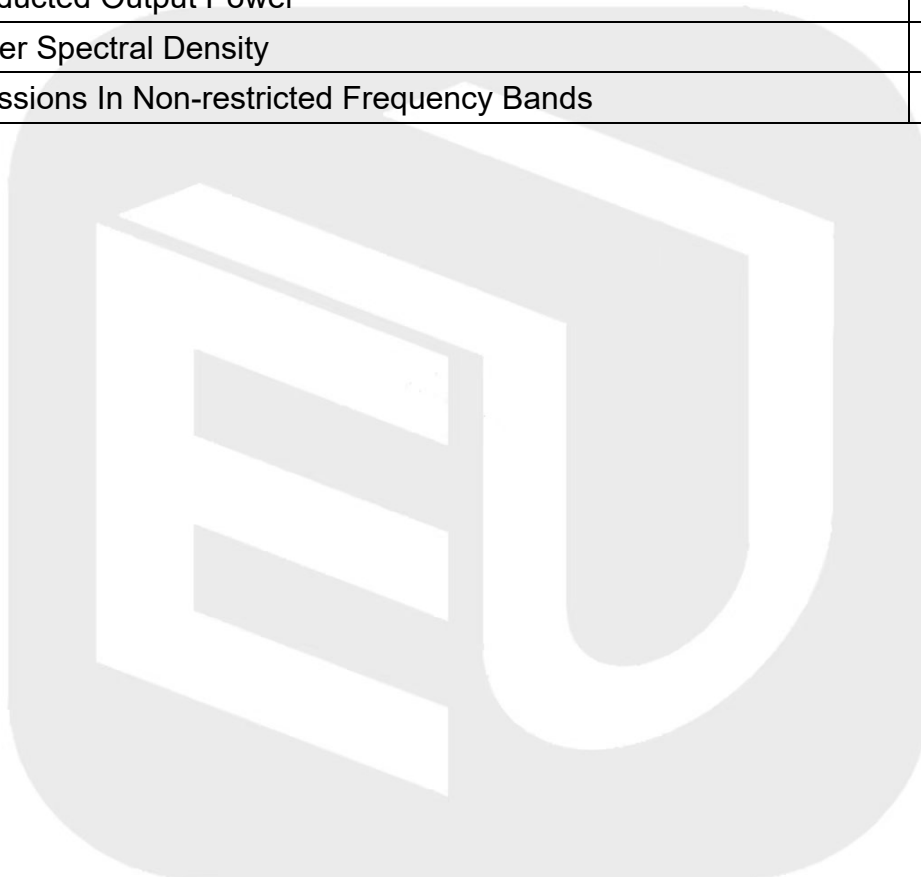
ANNEX F TEST DATA

For

Project No.:	8337EU011920W
Client:	SHENZHEN ELECTRON TECHNOLOGY CO.,LTD.
Product Description:	Android Tablet
Model No.:	KDS2189T
FCC ID:	2ABC5-E0121
Technology:	WiFi 2.4G
Test Engineer:	<i>Mikoy zhu</i>
Test Date:	2025-12-30

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

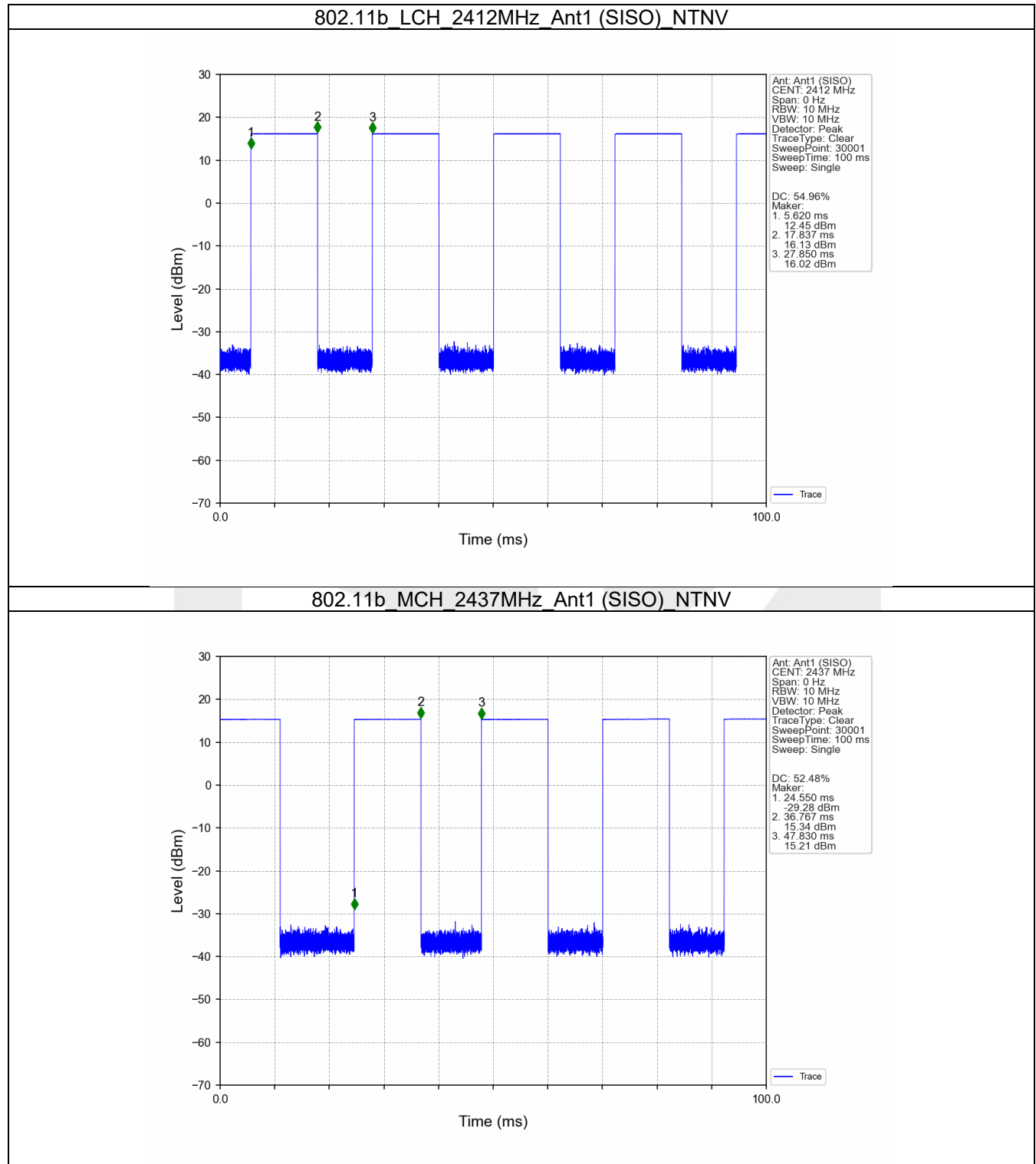
1.1 Test Result

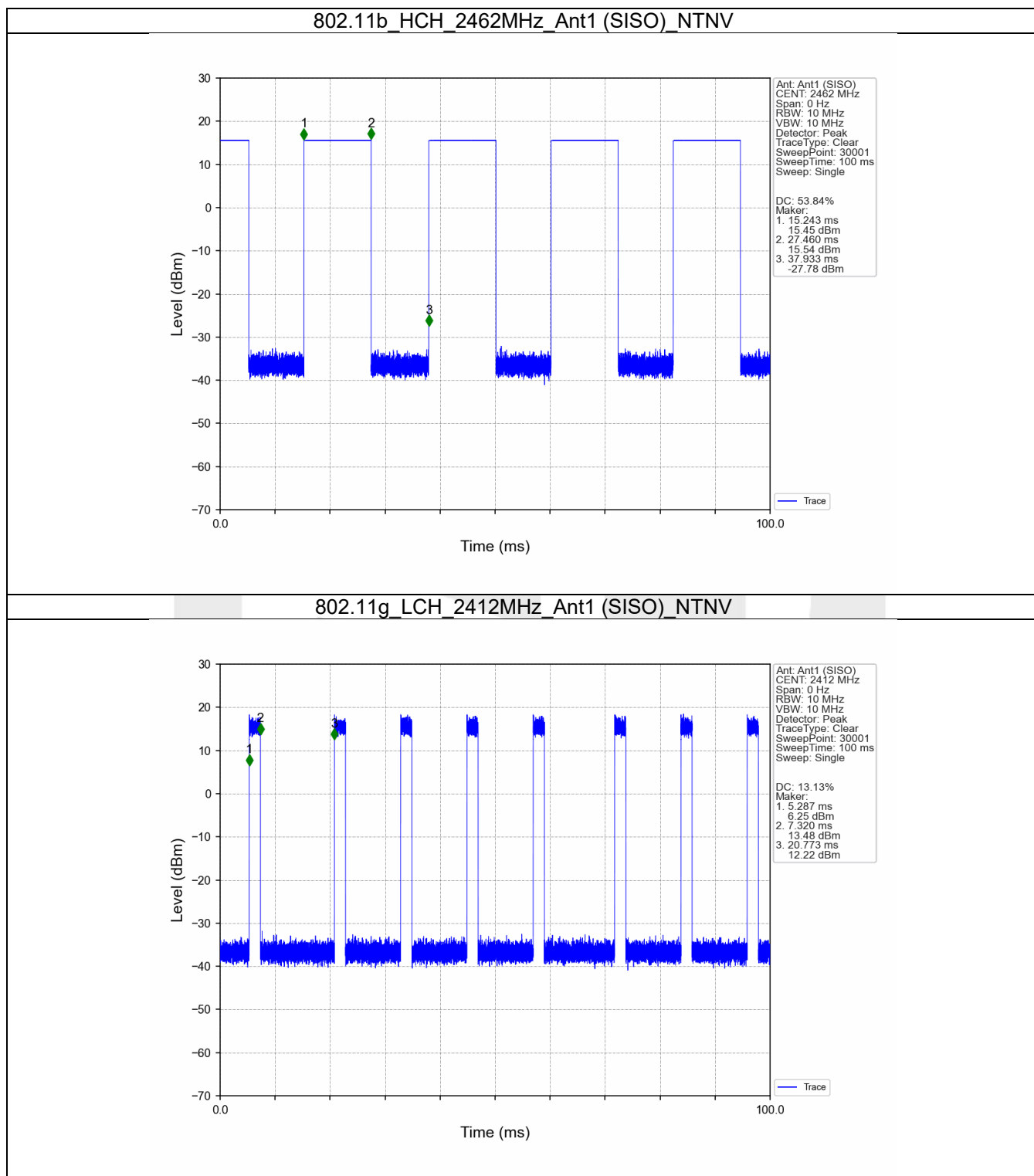
1.1.1 Ant1

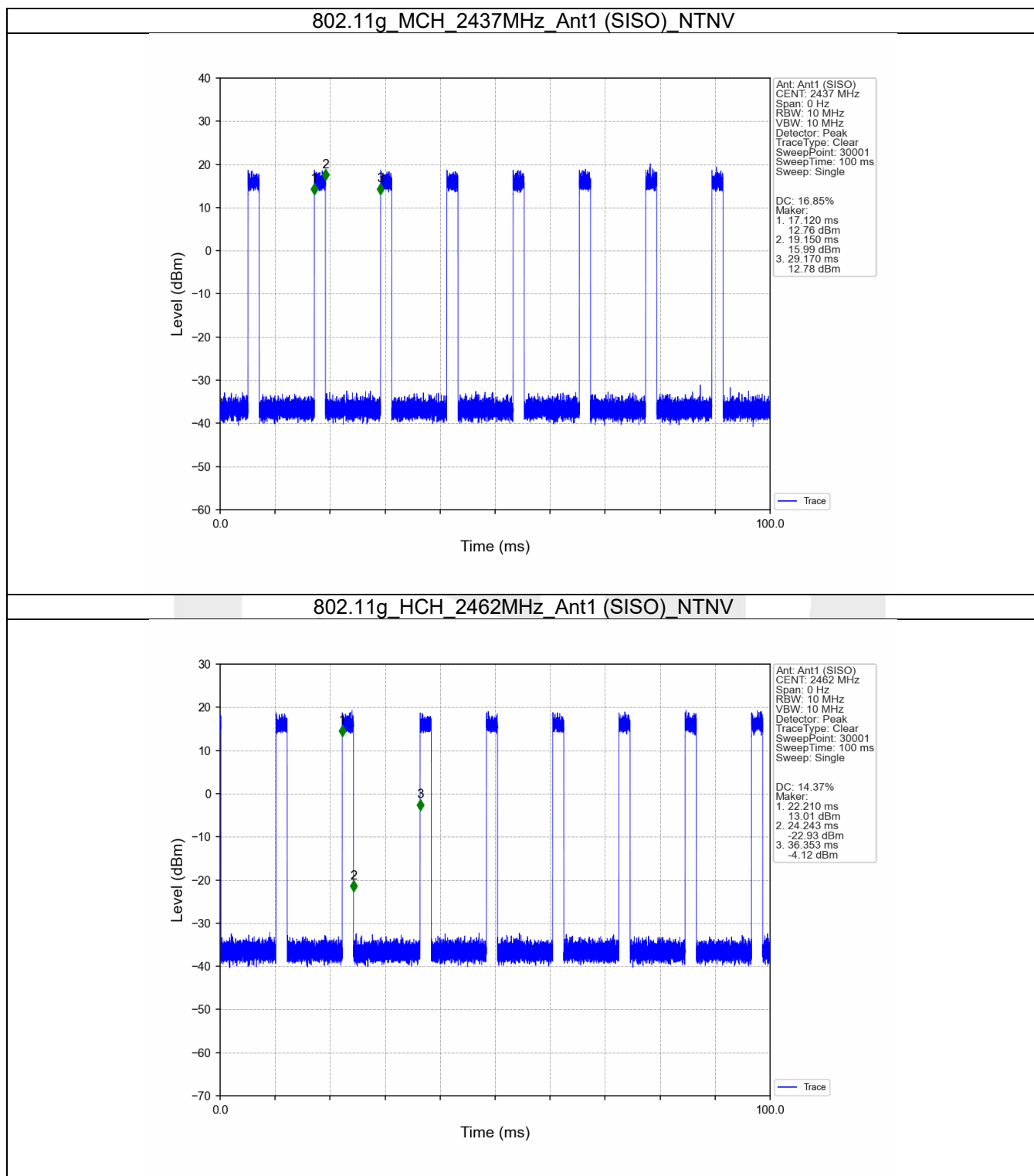
Ant1									
Mode	TX Type	Frequency (MHz)	RU	RU Pos	T_on (ms)	Period (ms)	Duty Cycle (%)	Duty Cycle Correction Factor (dB)	Max. DC Variation (%)
802.11b	SISO	2412	/	/	12.217	22.230	54.96	2.60	0.02
		2437	/	/	12.217	23.280	52.48	2.80	2.50
		2462	/	/	12.217	22.690	53.84	2.69	1.12
802.11g	SISO	2412	/	/	2.033	15.486	13.13	8.82	3.76
		2437	/	/	2.030	12.050	16.85	7.73	0.03
		2462	/	/	2.033	14.143	14.37	8.42	2.50
802.11n (HT20)	SISO	2412	/	/	1.890	12.096	15.63	8.06	0.28
		2437	/	/	1.893	14.103	13.42	8.72	2.48
		2462	/	/	1.890	11.910	15.87	7.99	0.03
802.11n (HT40)	SISO	2422	/	/	0.933	12.260	7.61	11.19	0.91
		2437	/	/	0.930	10.953	8.49	10.71	0.04
		2452	/	/	0.934	11.250	8.30	10.81	0.23
802.11ax (HEW20)	SISO	2412	SU	/	1.460	11.660	12.52	9.02	0.23
		2437	SU	/	1.460	15.670	9.32	10.31	3.44
		2462	SU	/	1.463	11.757	12.44	9.05	0.30
802.11ax (HEW40)	SISO	2422	SU	/	0.760	10.783	7.05	11.52	0.04
		2437	SU	/	0.760	10.783	7.05	11.52	0.04
		2452	SU	/	0.763	10.783	7.08	11.50	0.00

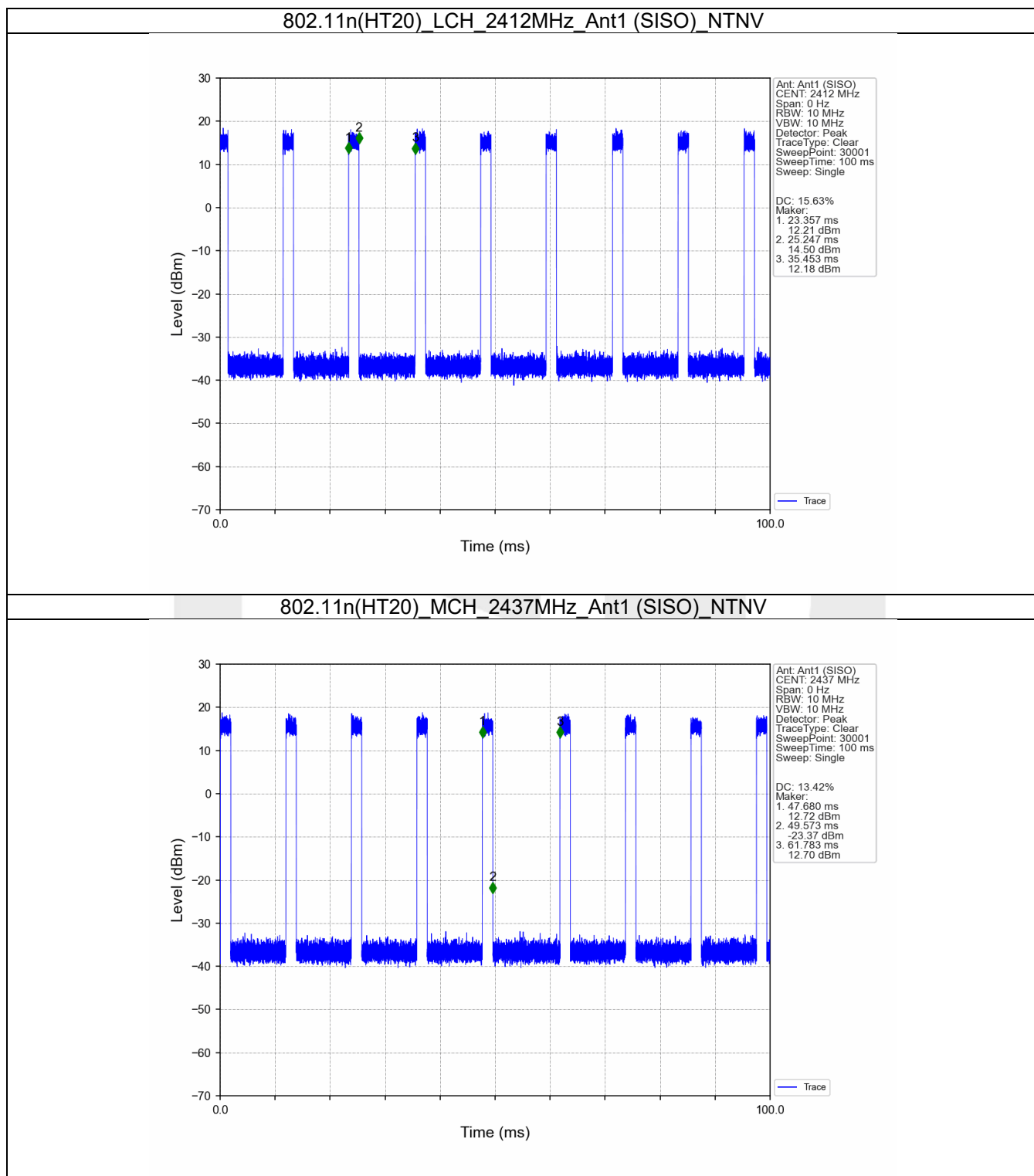
1.2 Test Graph

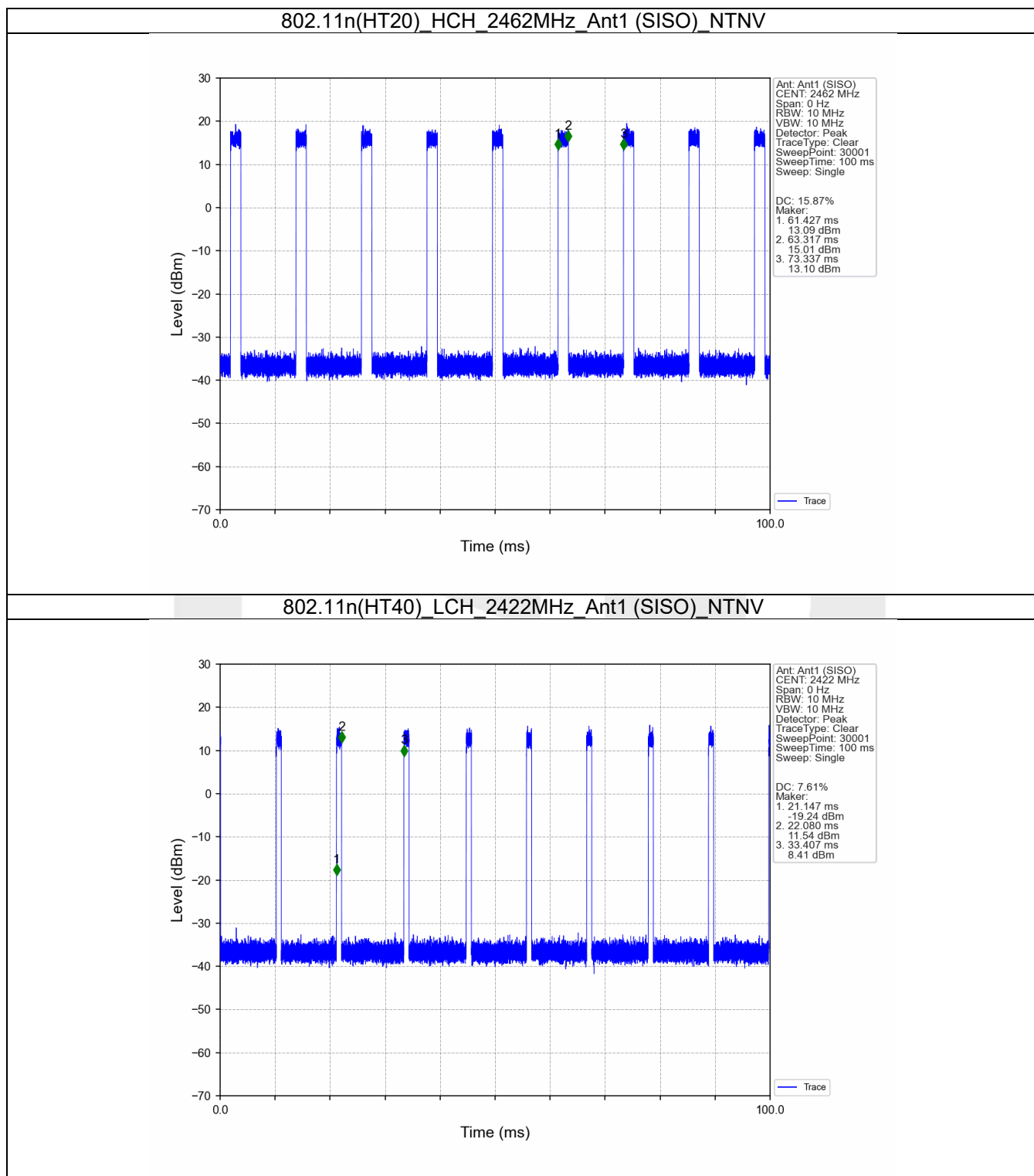
1.2.1 Ant1

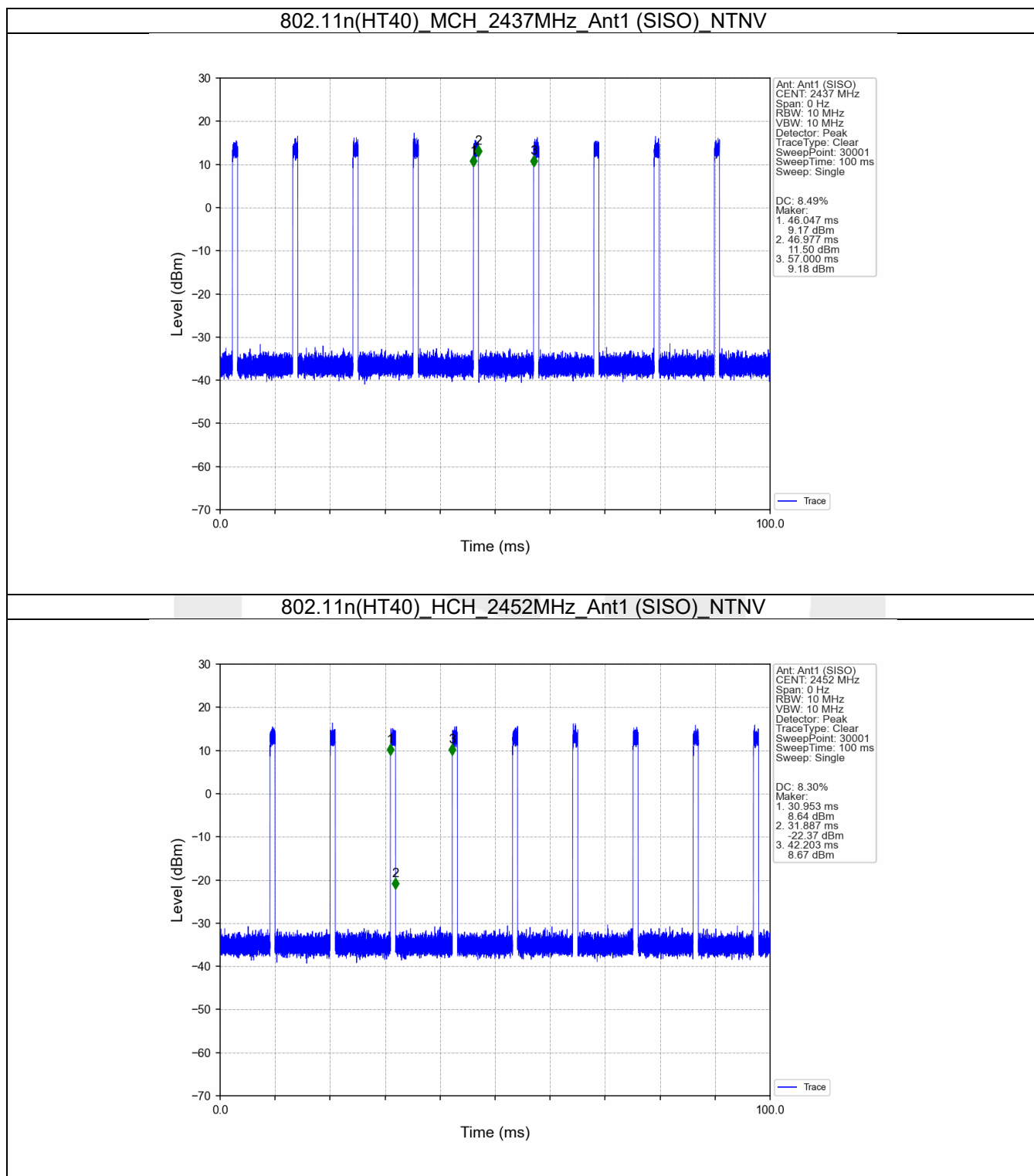


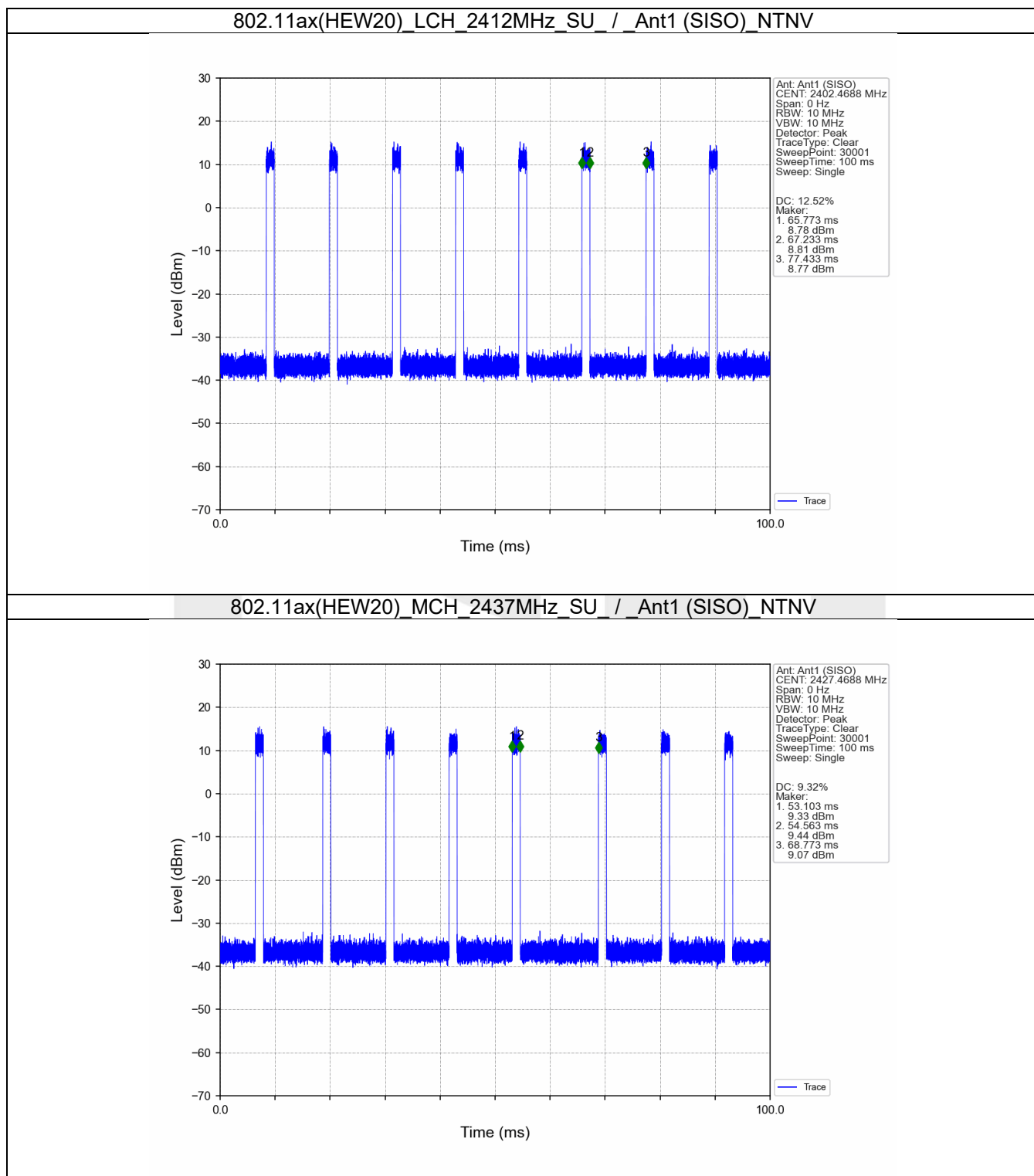


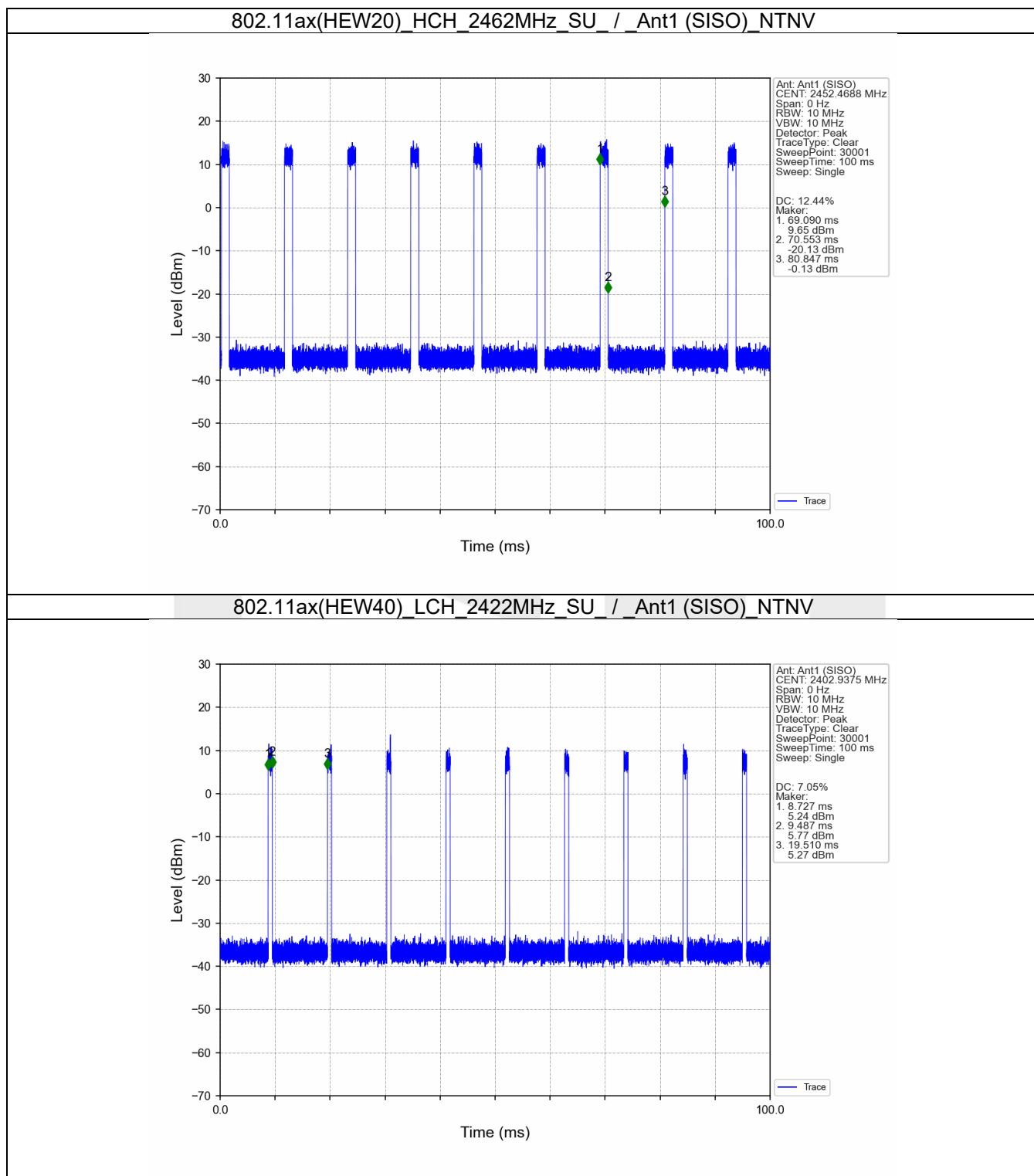


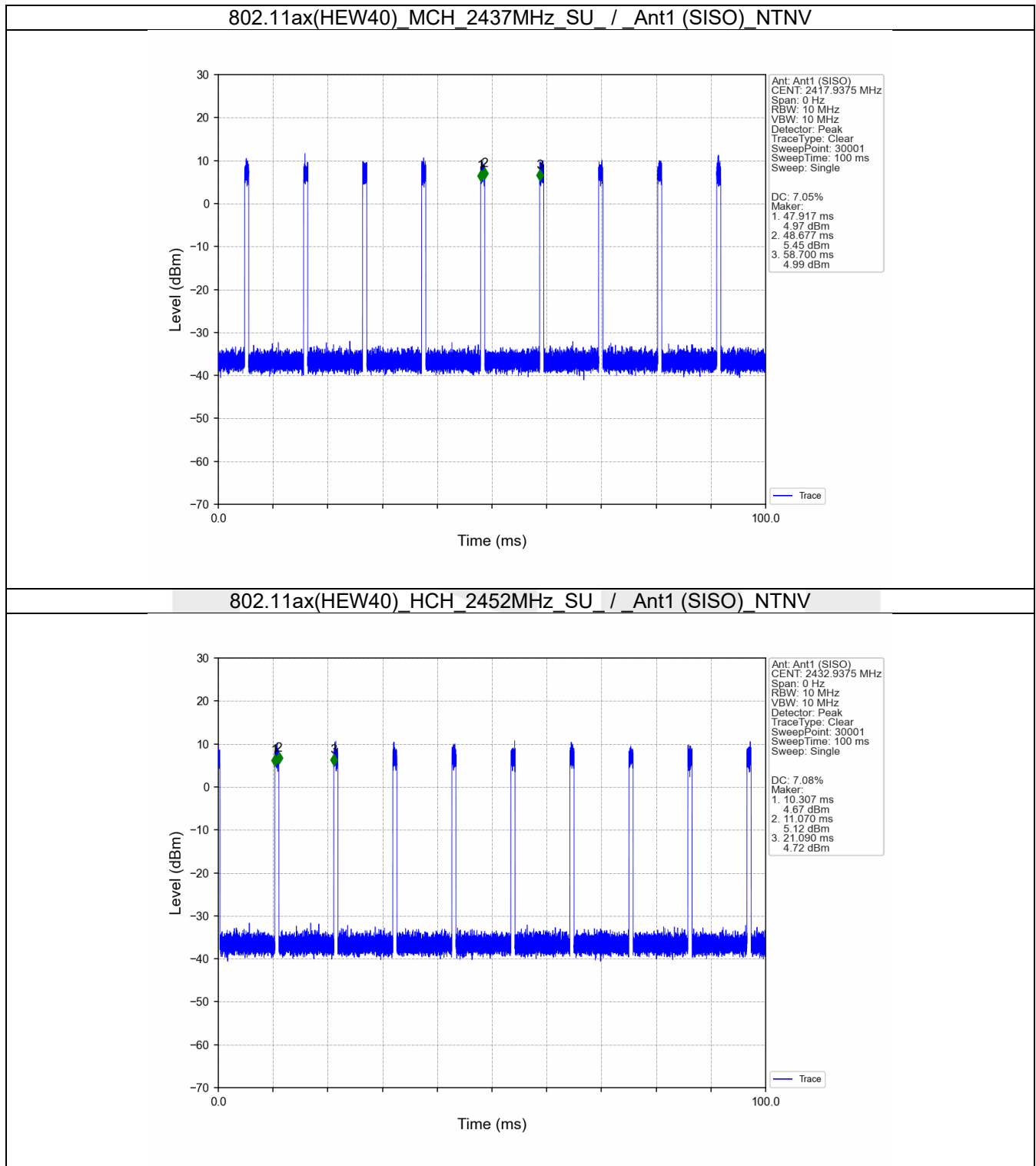












2. Bandwidth

2.1 Test Result

2.1.1 OBW

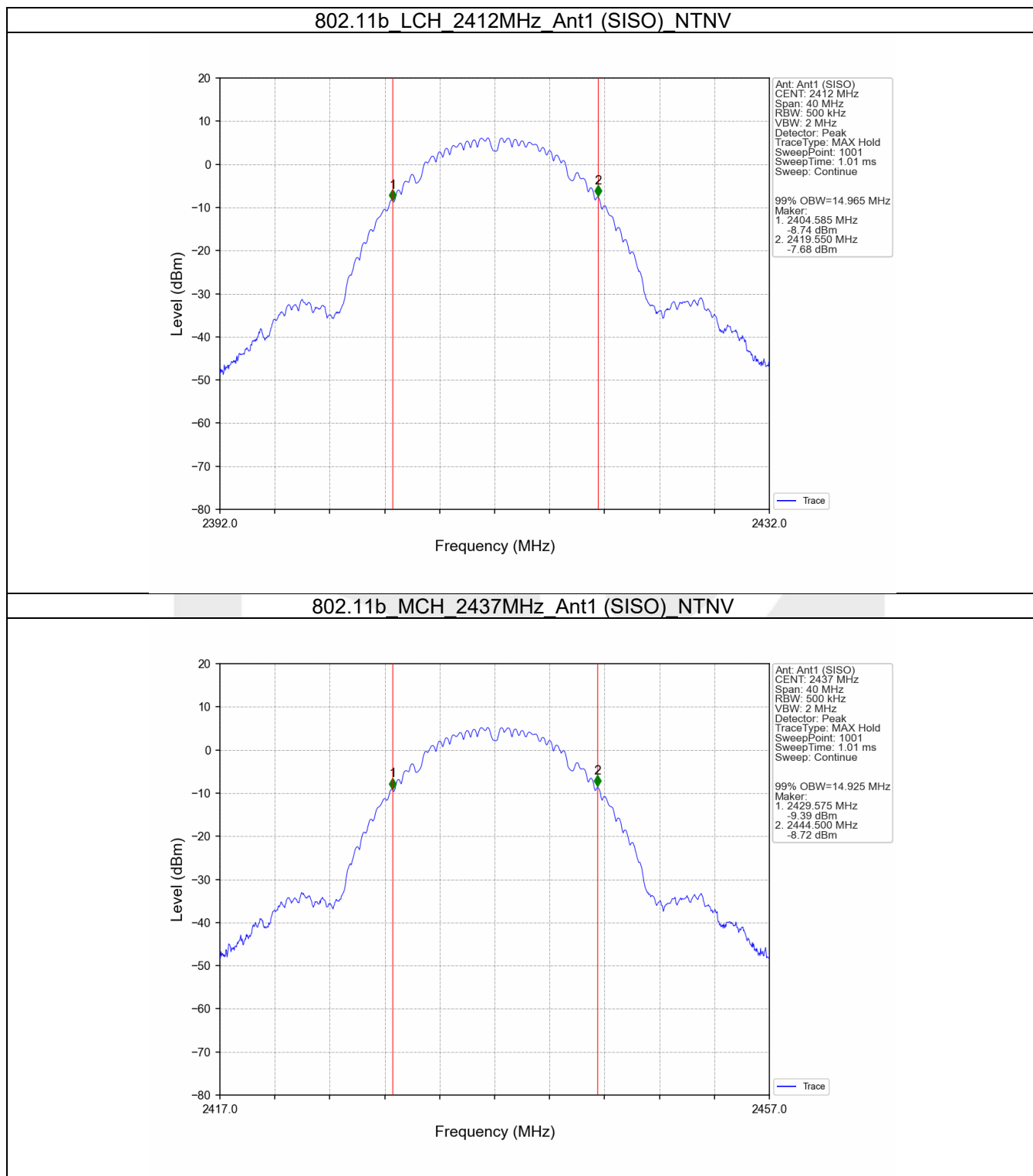
Mode	TX Type	Frequency (MHz)	RU	RU Pos	ANT	99% Occupied Bandwidth (MHz)		Verdict
						Result	Limit	
802.11b	SISO	2412	/	/	1	14.965	/	Pass
		2437	/	/	1	14.925	/	Pass
		2462	/	/	1	15.008	/	Pass
802.11g	SISO	2412	/	/	1	17.584	/	Pass
		2437	/	/	1	17.656	/	Pass
		2462	/	/	1	17.680	/	Pass
802.11n (HT20)	SISO	2412	/	/	1	18.608	/	Pass
		2437	/	/	1	18.688	/	Pass
		2462	/	/	1	18.683	/	Pass
802.11n (HT40)	SISO	2422	/	/	1	36.779	/	Pass
		2437	/	/	1	36.760	/	Pass
		2452	/	/	1	36.764	/	Pass
802.11ax (HEW20)	SISO	2412	SU	/	1	19.213	/	Pass
		2437	SU	/	1	19.169	/	Pass
		2462	SU	/	1	19.307	/	Pass
802.11ax (HEW40)	SISO	2422	SU	/	1	37.956	/	Pass
		2437	SU	/	1	38.048	/	Pass
		2452	SU	/	1	37.996	/	Pass

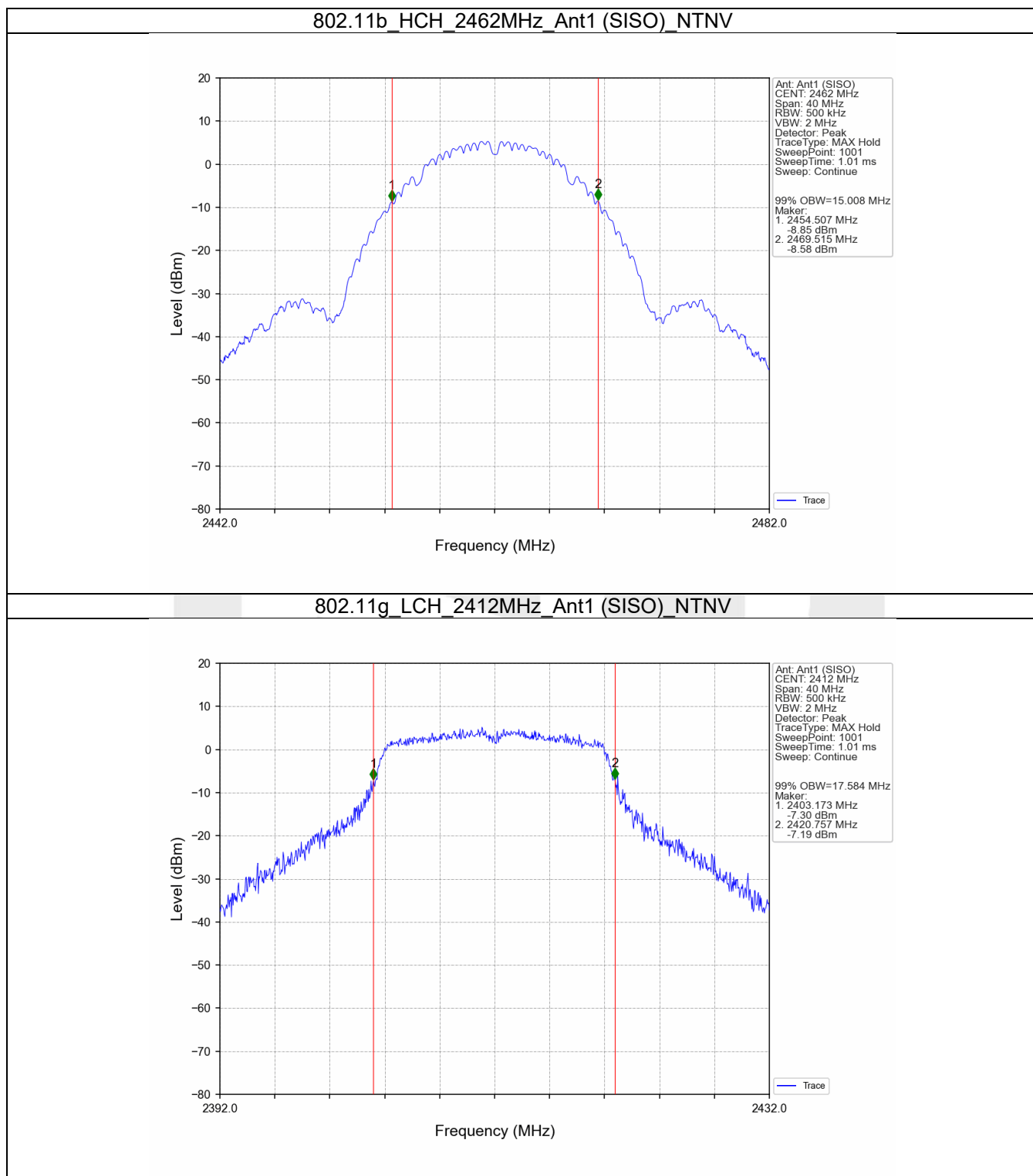
2.1.2 6dB BW

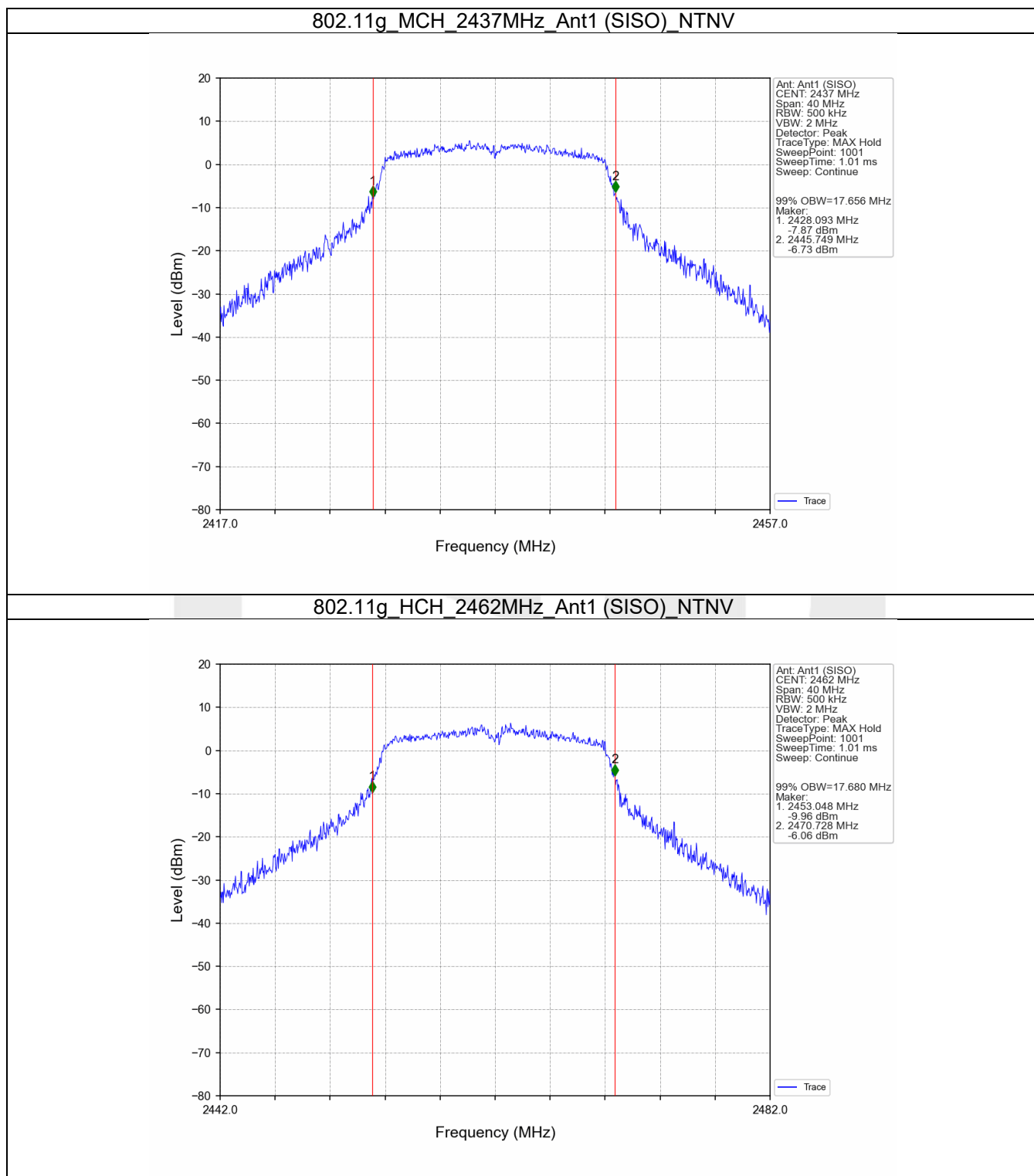
Mode	TX Type	Frequency (MHz)	RU	RU Pos	ANT	6dB Bandwidth (MHz)		Verdict
						Result	Limit	
802.11b	SISO	2412	/	/	1	10.282	>=0.5	Pass
		2437	/	/	1	10.264	>=0.5	Pass
		2462	/	/	1	10.287	>=0.5	Pass
802.11g	SISO	2412	/	/	1	16.352	>=0.5	Pass
		2437	/	/	1	16.405	>=0.5	Pass
		2462	/	/	1	16.139	>=0.5	Pass
802.11n (HT20)	SISO	2412	/	/	1	17.671	>=0.5	Pass
		2437	/	/	1	17.585	>=0.5	Pass
		2462	/	/	1	17.590	>=0.5	Pass
802.11n (HT40)	SISO	2422	/	/	1	35.615	>=0.5	Pass
		2437	/	/	1	36.037	>=0.5	Pass
		2452	/	/	1	35.790	>=0.5	Pass
802.11ax (HEW20)	SISO	2412	SU	/	1	18.104	>=0.5	Pass
		2437	SU	/	1	18.795	>=0.5	Pass
		2462	SU	/	1	16.826	>=0.5	Pass
802.11ax (HEW40)	SISO	2422	SU	/	1	36.107	>=0.5	Pass
		2437	SU	/	1	37.121	>=0.5	Pass
		2452	SU	/	1	35.482	>=0.5	Pass

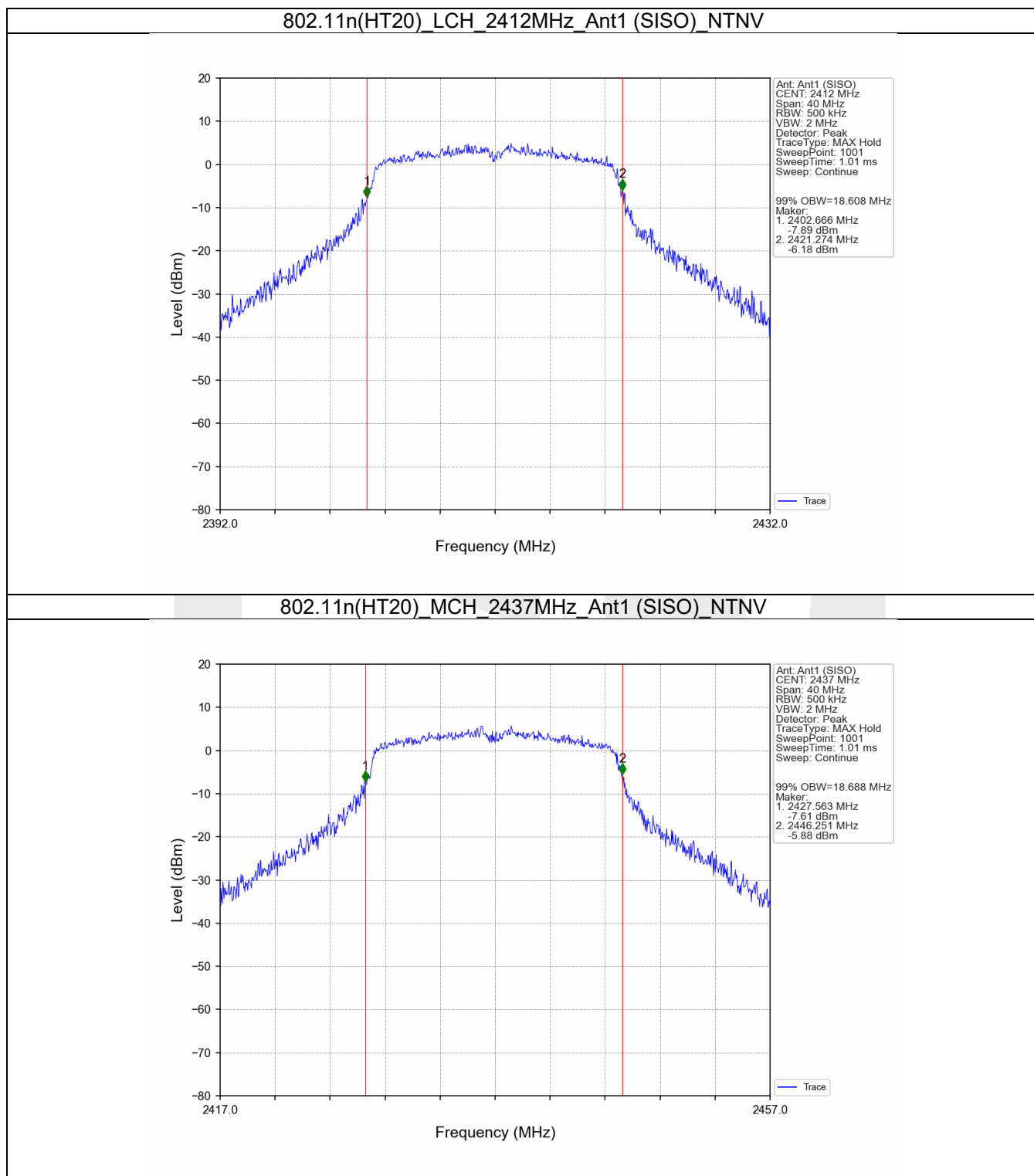
2.2 Test Graph

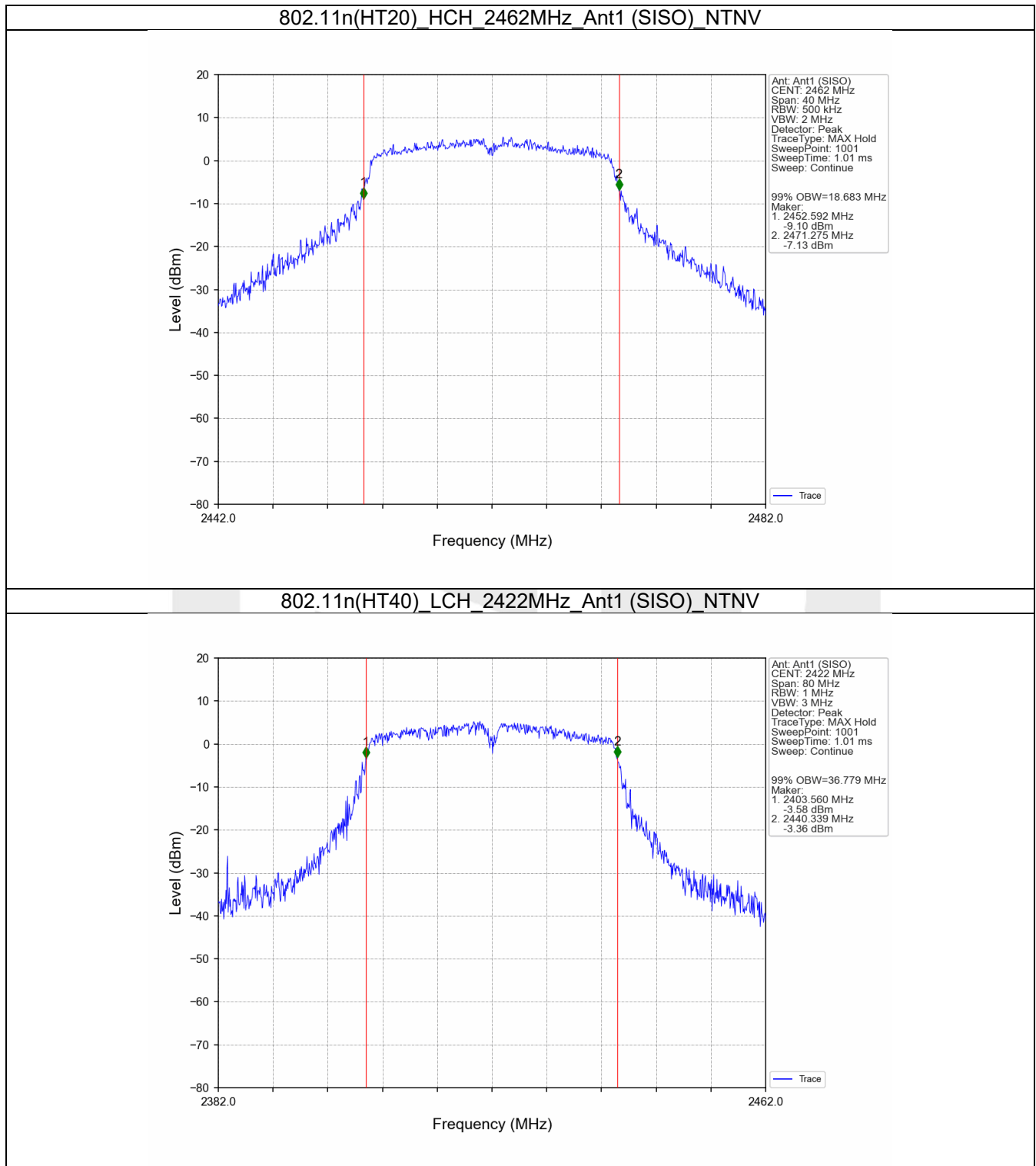
2.2.1 OBW

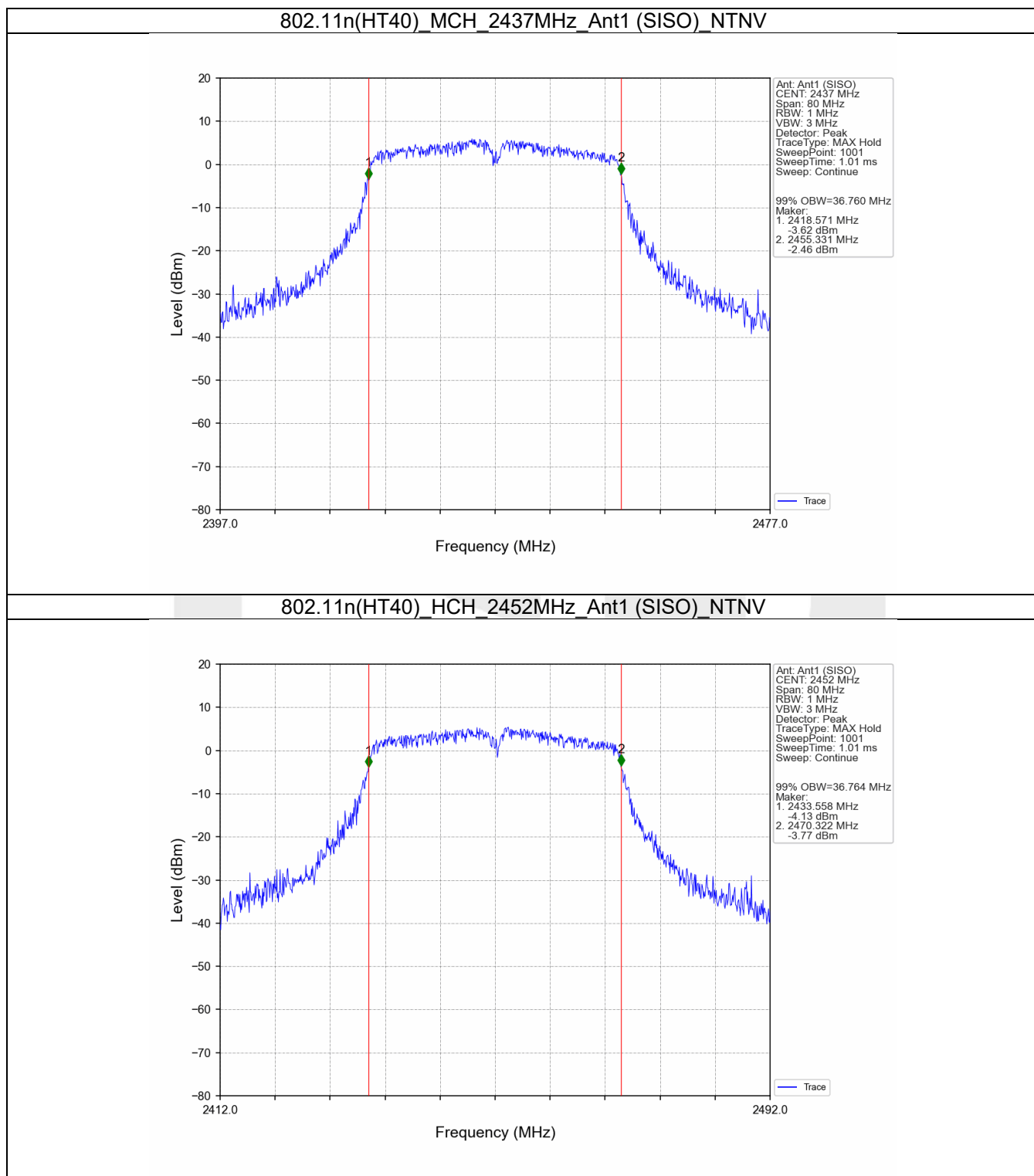


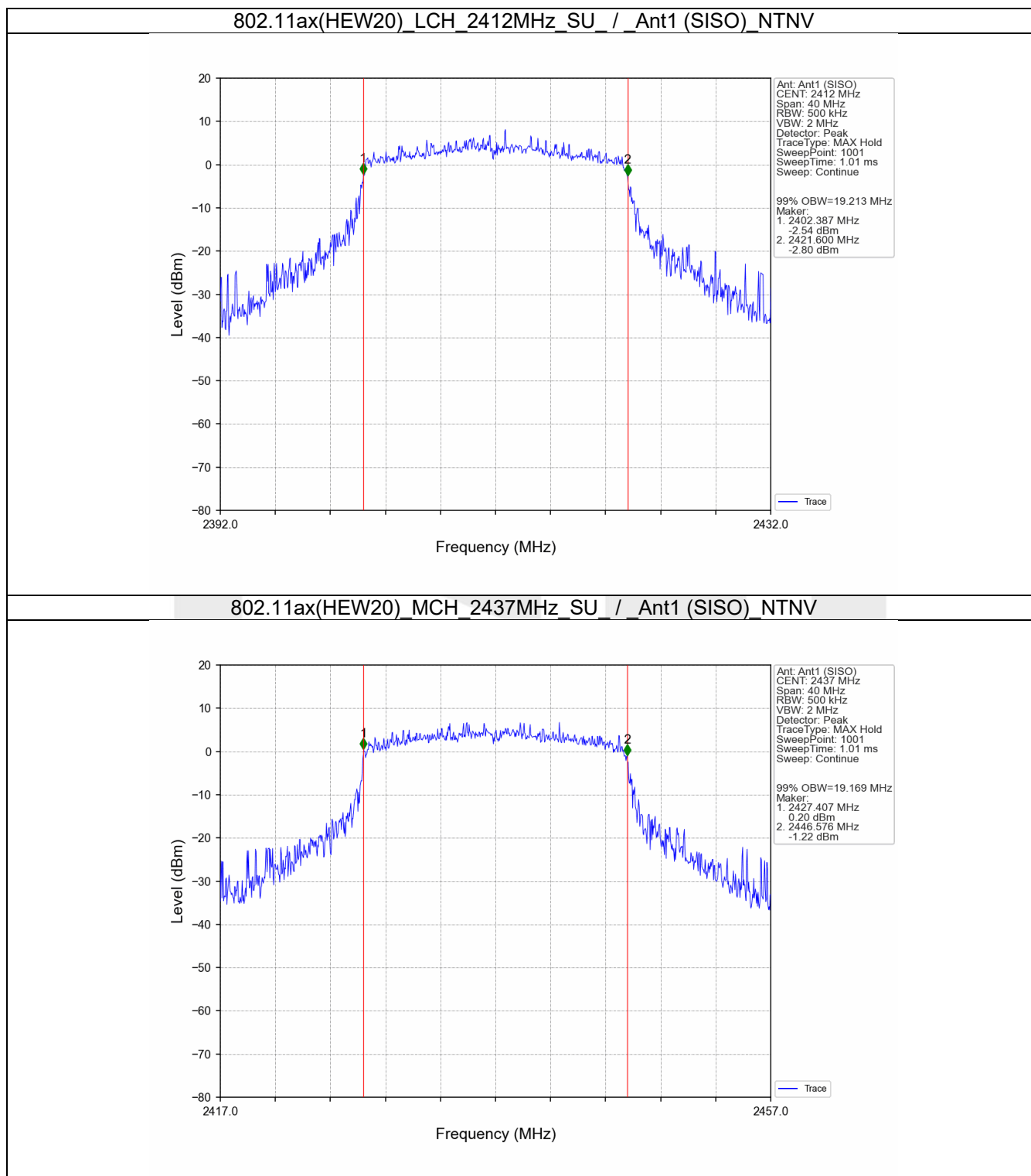


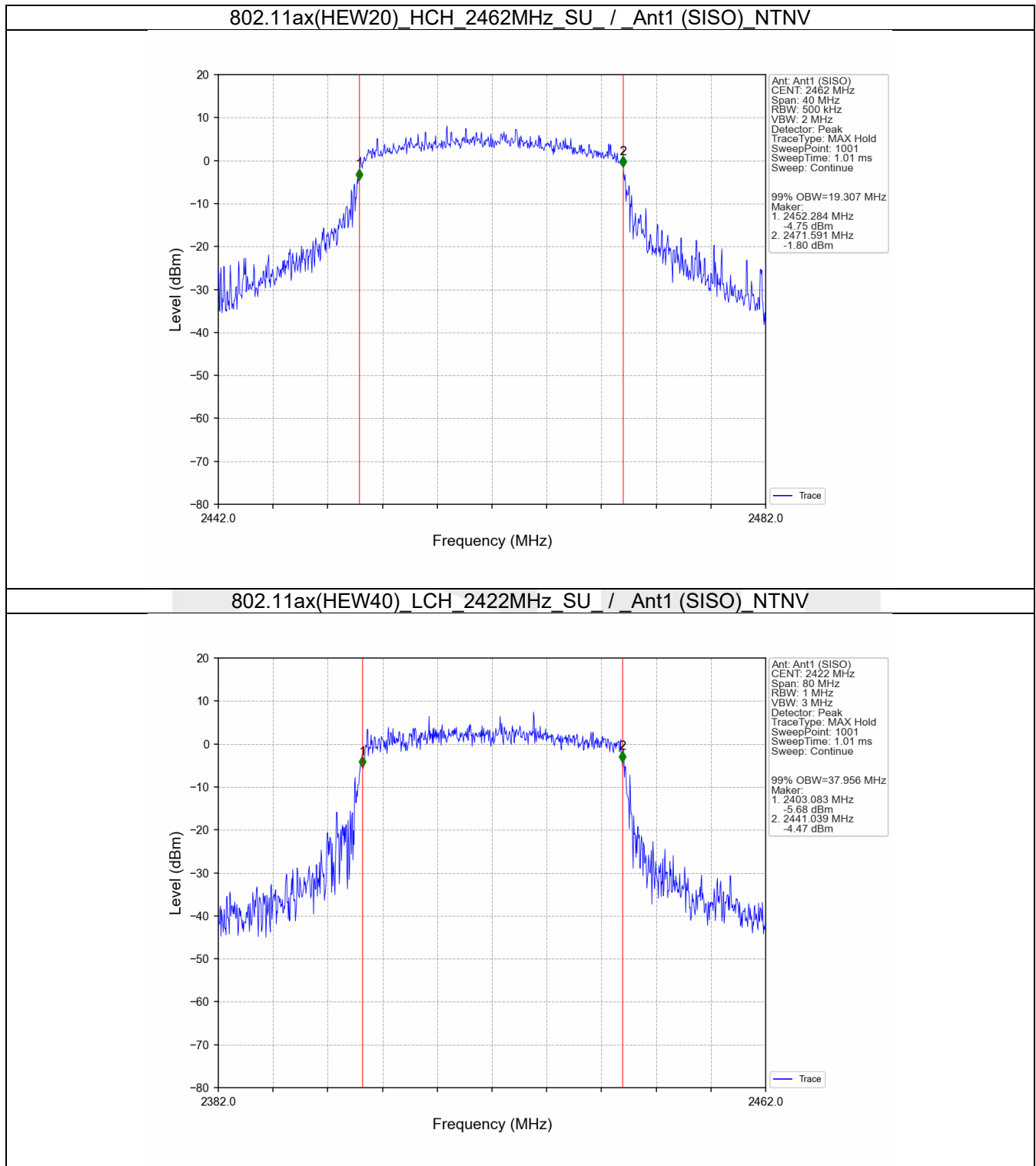


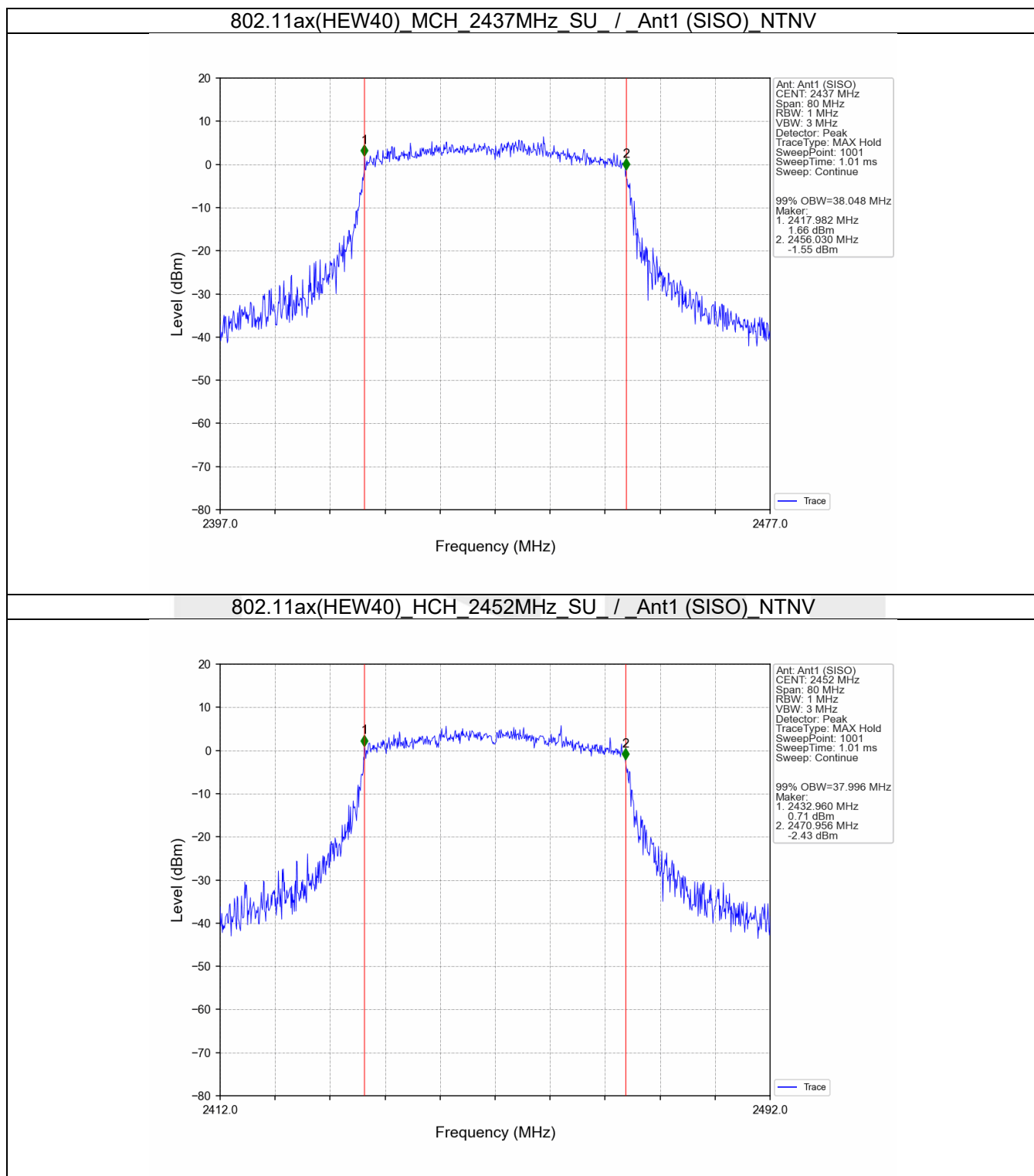




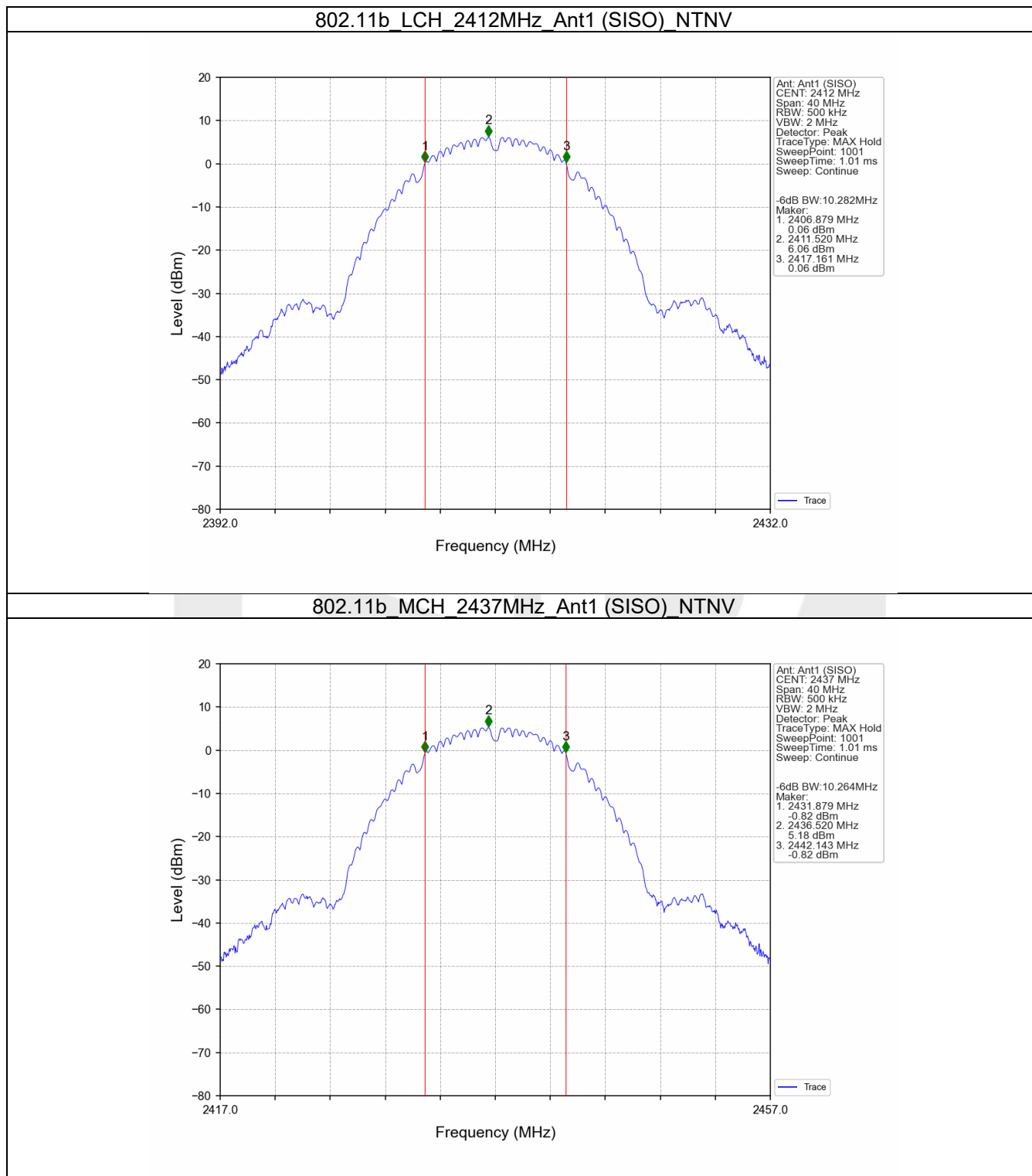


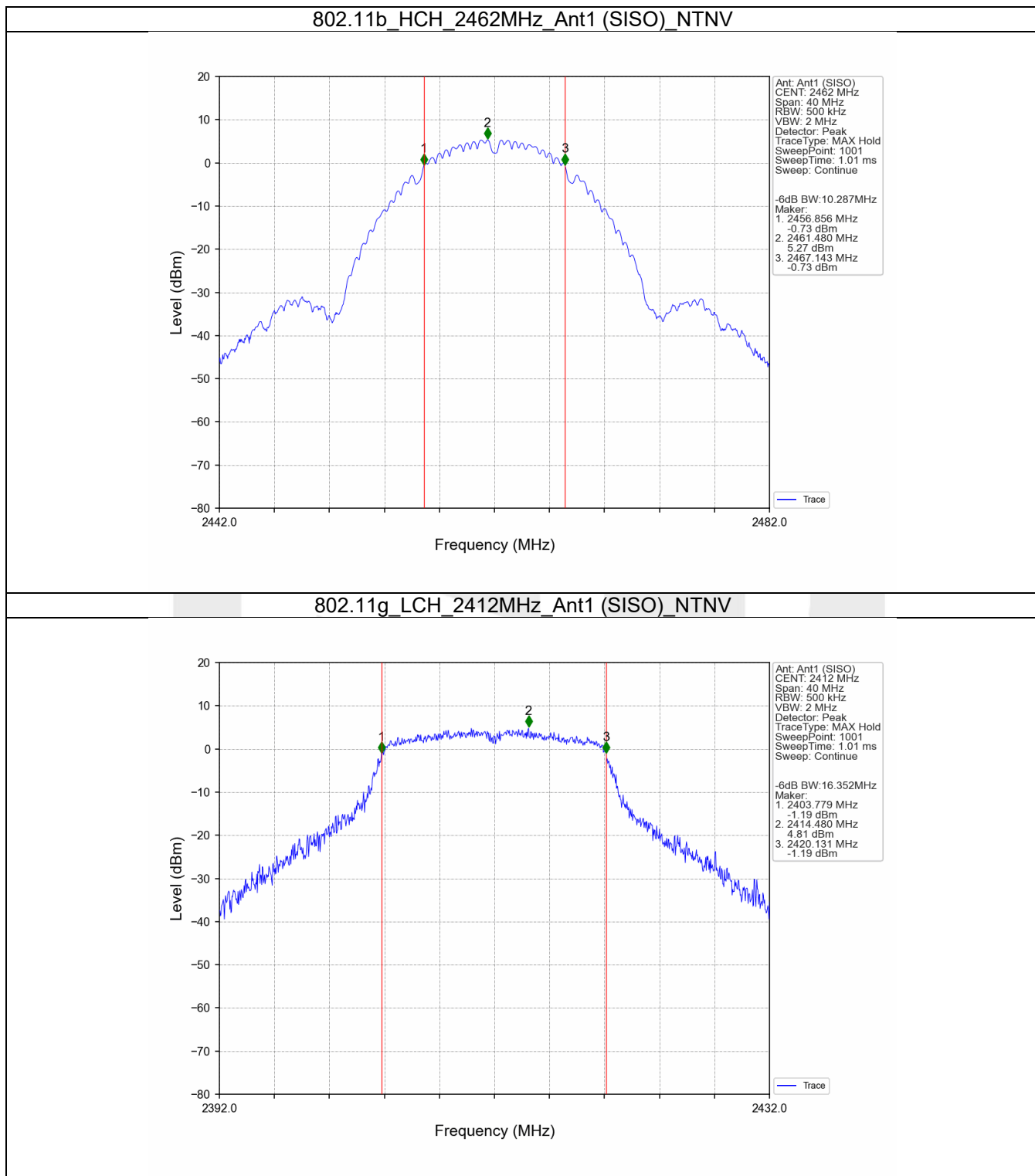


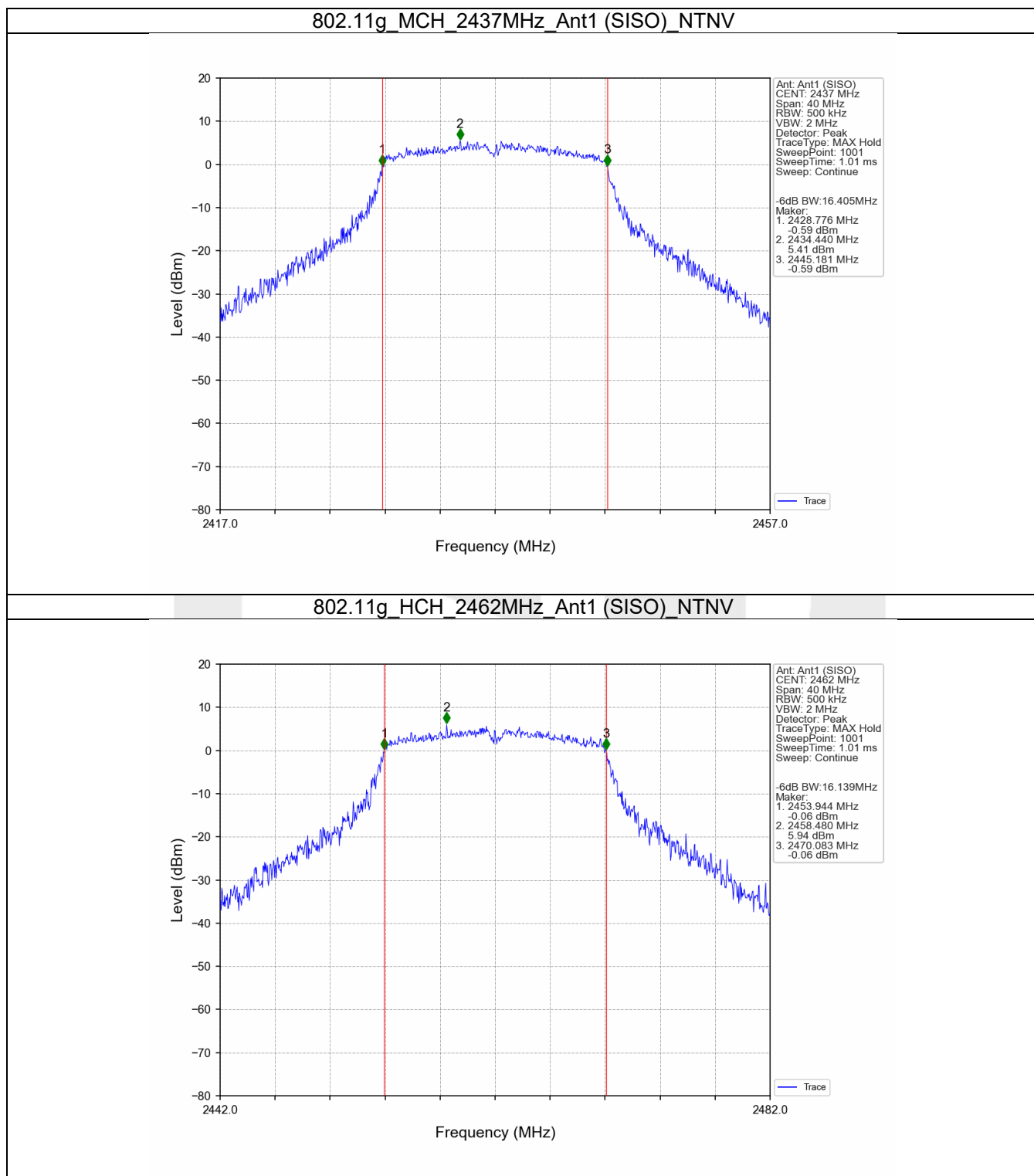


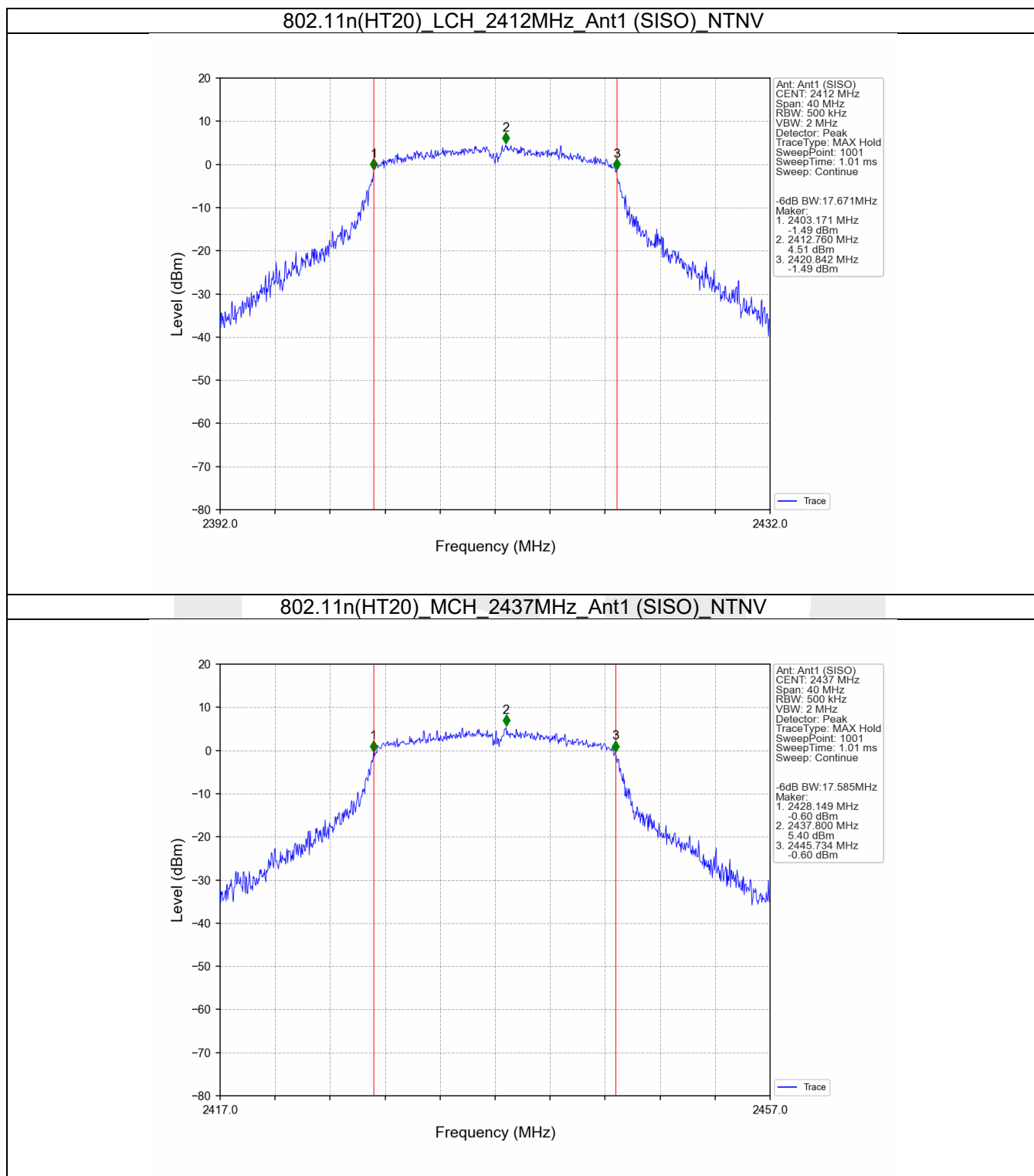


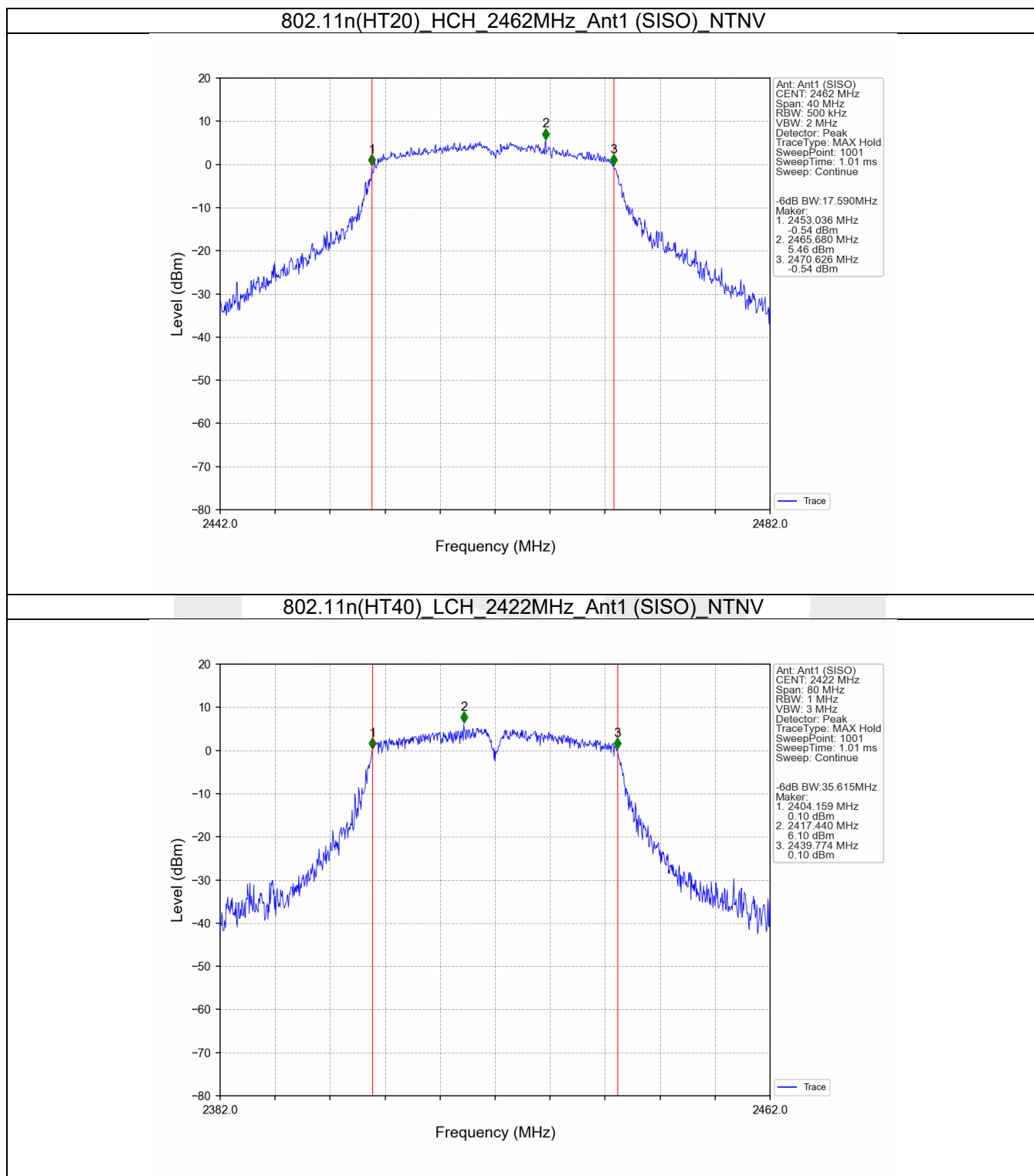
2.2.2 6dB BW

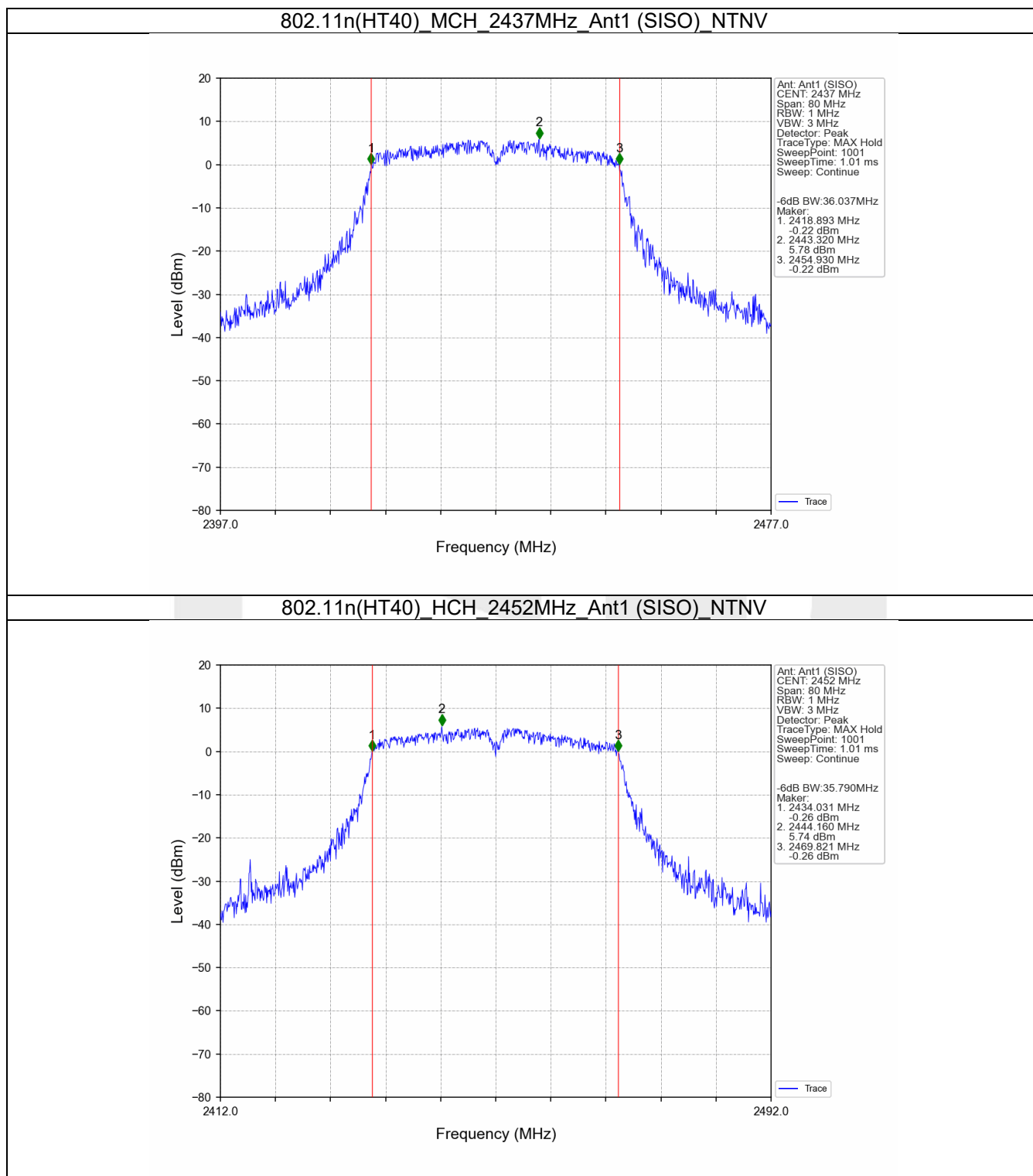


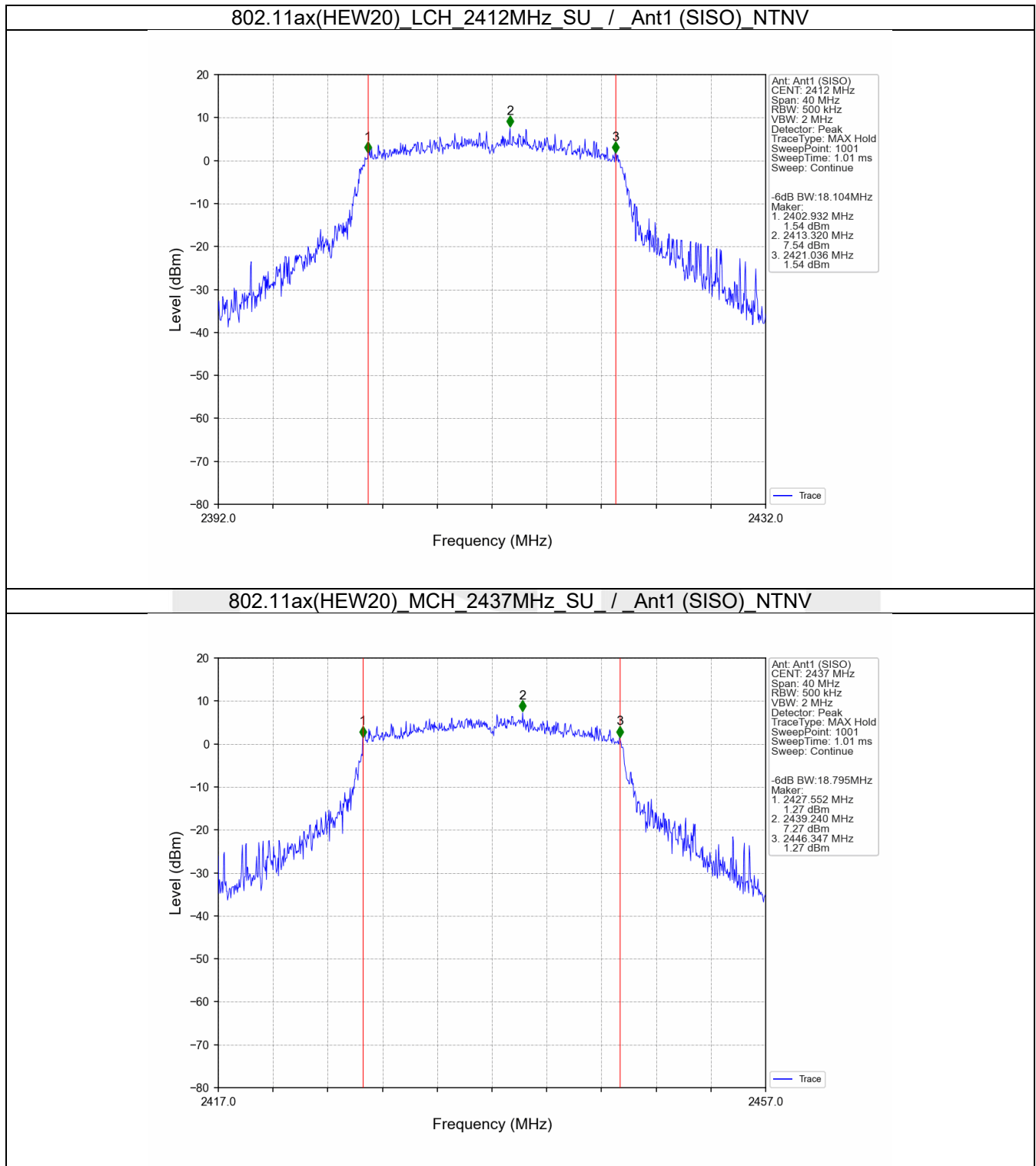


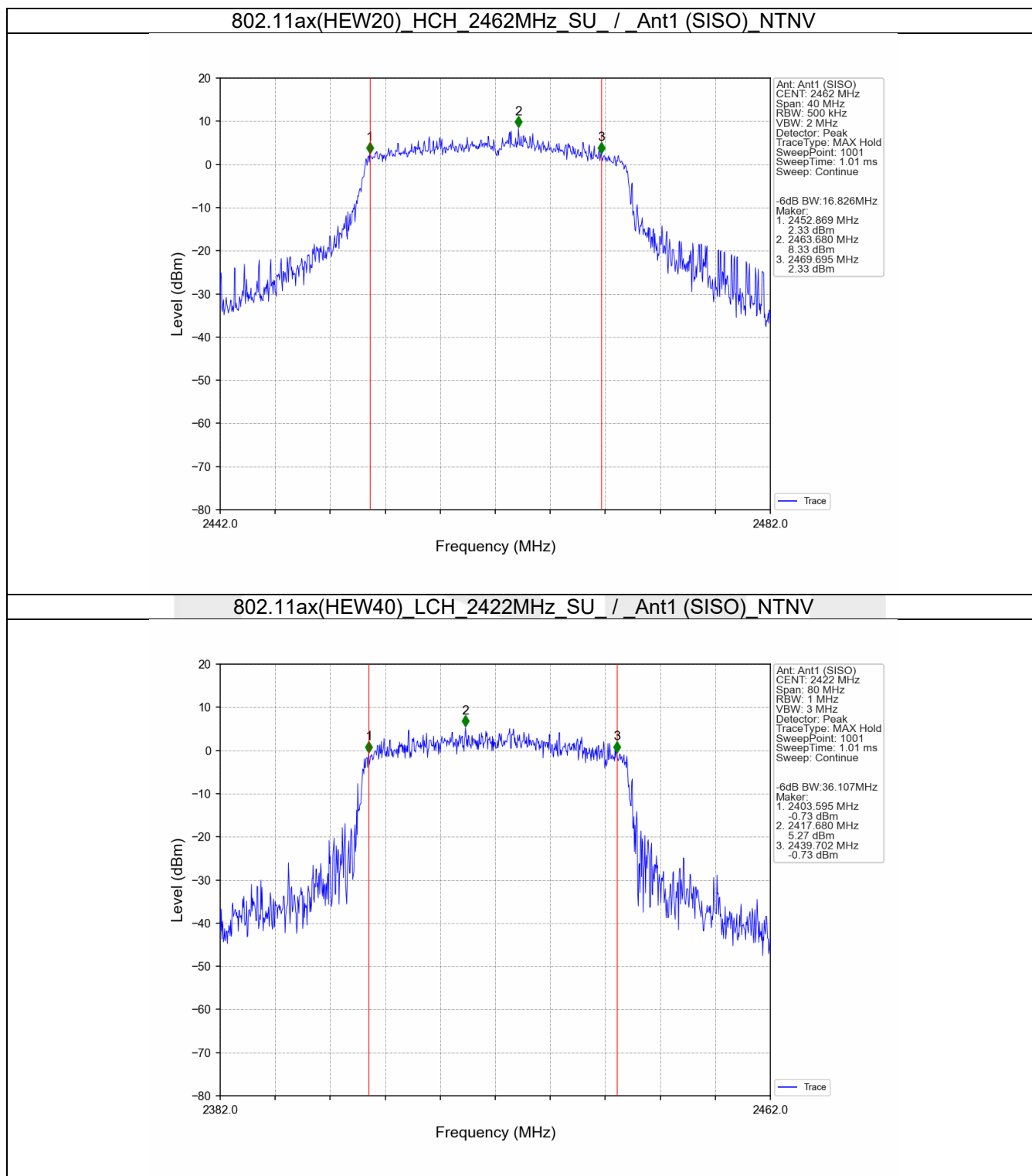


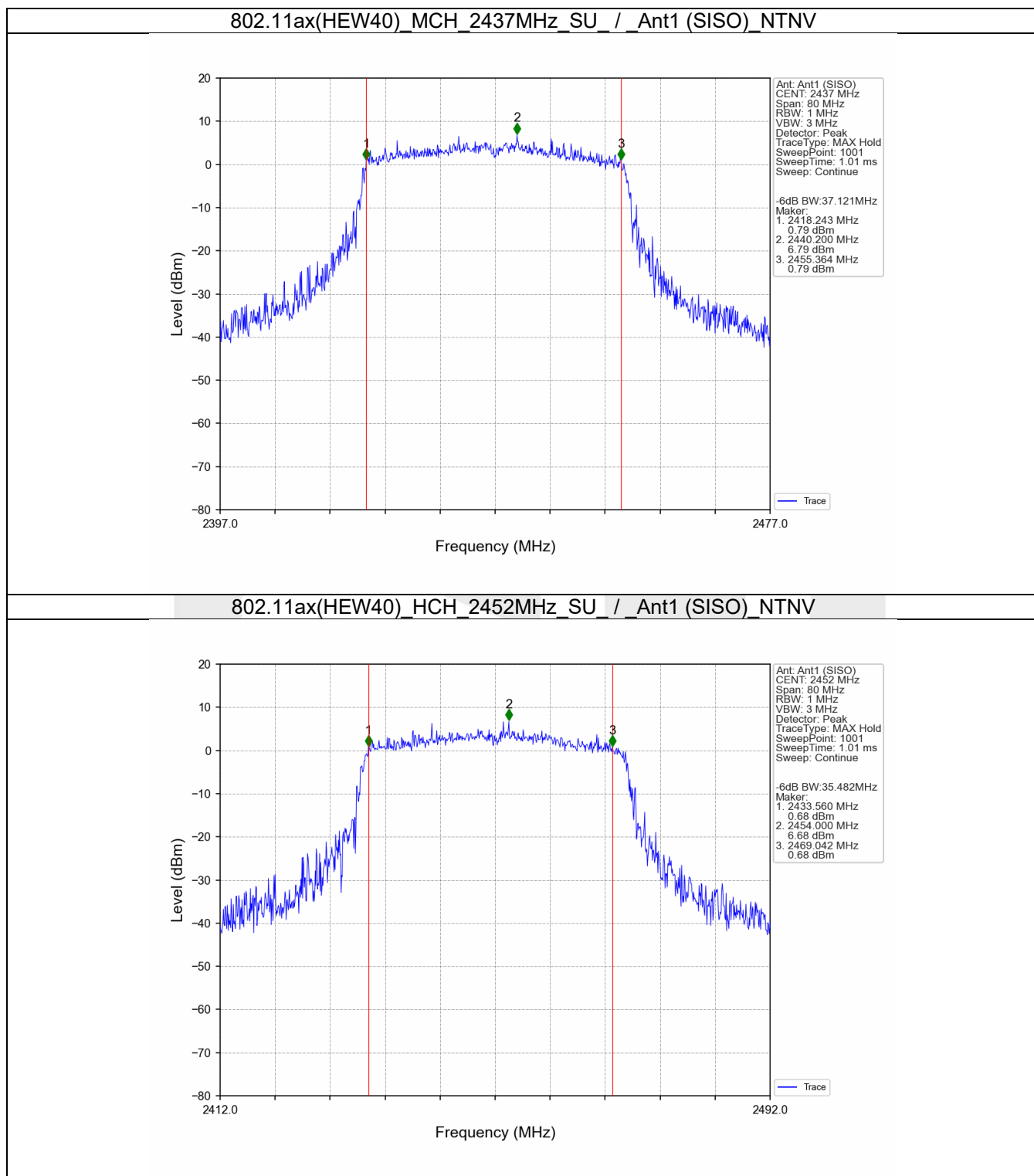












3. Maximum Conducted Output Power

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	/	/	16.86	<=30	Pass
		2437	/	/	15.95	<=30	Pass
		2462	/	/	16.06	<=30	Pass
802.11g	SISO	2412	/	/	18.10	<=30	Pass
		2437	/	/	18.55	<=30	Pass
		2462	/	/	18.29	<=30	Pass
802.11n (HT20)	SISO	2412	/	/	17.92	<=30	Pass
		2437	/	/	18.51	<=30	Pass
		2462	/	/	18.74	<=30	Pass
802.11n (HT40)	SISO	2422	/	/	17.58	<=30	Pass
		2437	/	/	18.16	<=30	Pass
		2452	/	/	17.82	<=30	Pass
802.11ax (HEW20)	SISO	2412	SU	/	18.49	<=30	Pass
		2437	SU	/	18.94	<=30	Pass
		2462	SU	/	18.12	<=30	Pass
802.11ax (HEW40)	SISO	2422	SU	/	17.25	<=30	Pass
		2437	SU	/	17.59	<=30	Pass
		2452	SU	/	17.23	<=30	Pass

Note1: Antenna Gain: Ant1: 1.66dBi;

4. Maximum Power Spectral Density

4.1 Test Result

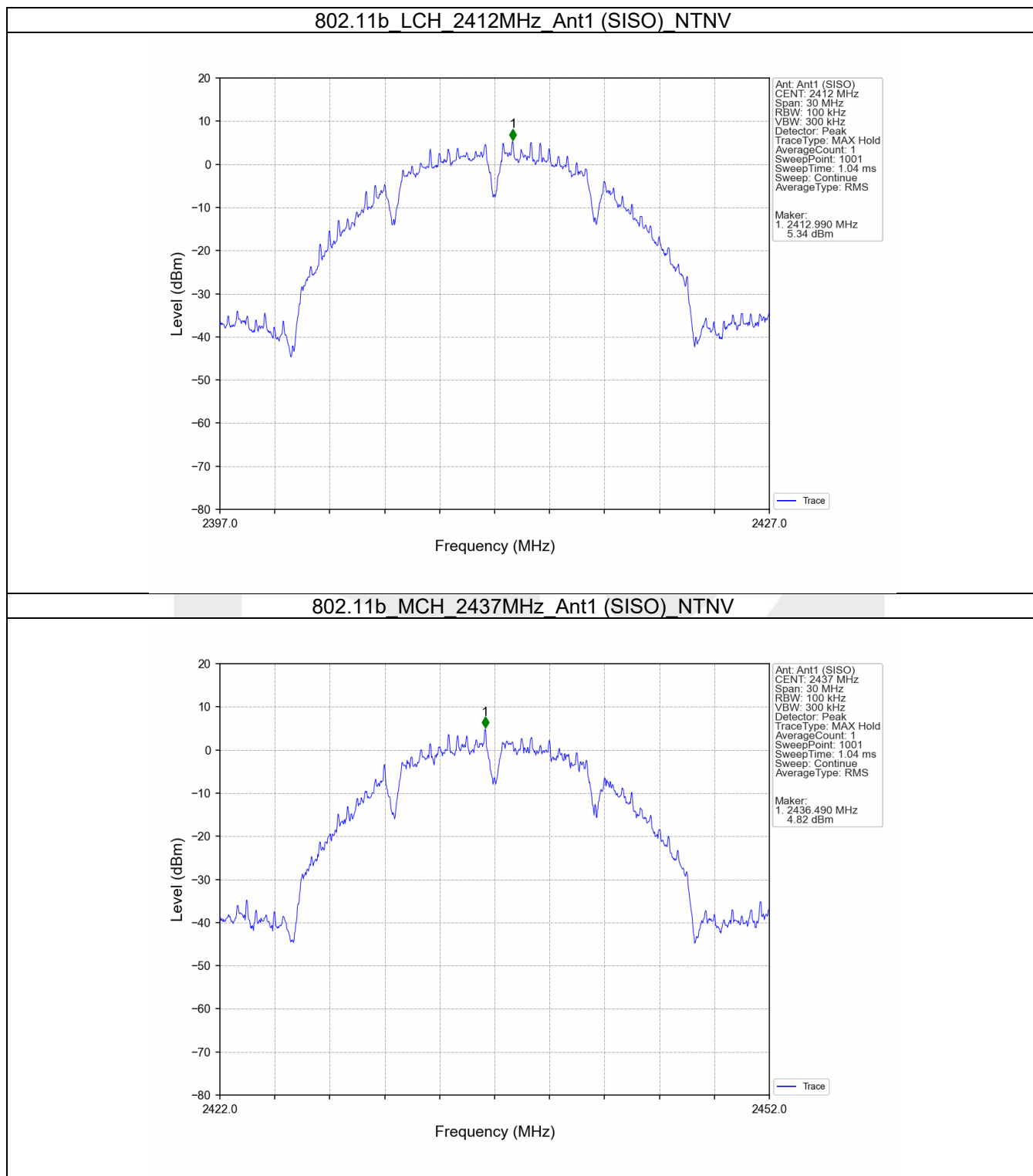
4.1.1 PSD

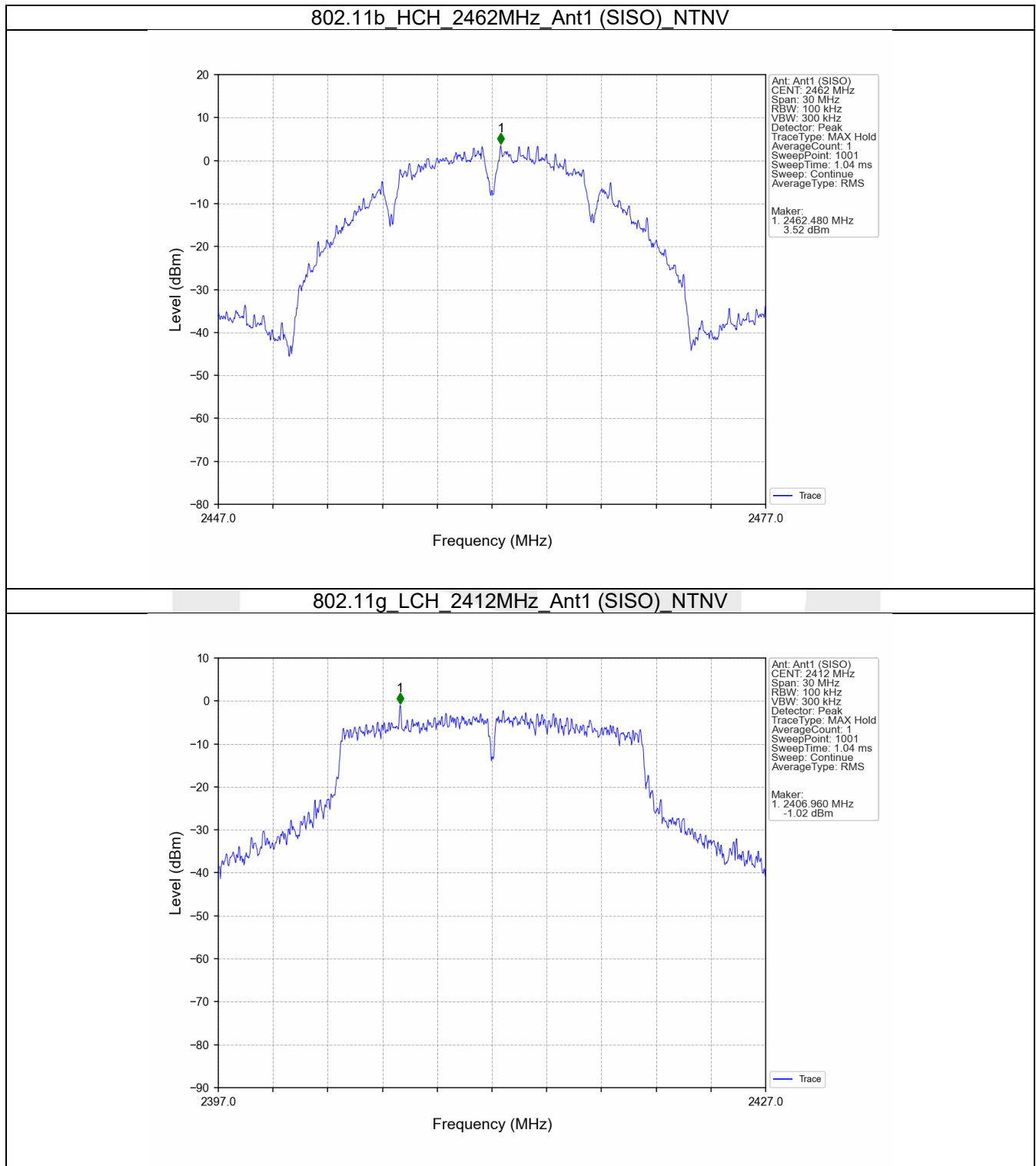
Mode	TX Type	Frequency (MHz)	RU	RU Pos	Maximum PSD (dBm)		Verdict
					ANT1	Limit	
802.11b	SISO	2412	/	/	5.34	<=8	Pass
		2437	/	/	4.82	<=8	Pass
		2462	/	/	3.52	<=8	Pass
802.11g	SISO	2412	/	/	-1.02	<=8	Pass
		2437	/	/	-0.47	<=8	Pass
		2462	/	/	-0.05	<=8	Pass
802.11n (HT20)	SISO	2412	/	/	-3.10	<=8	Pass
		2437	/	/	0.35	<=8	Pass
		2462	/	/	-1.44	<=8	Pass
802.11n (HT40)	SISO	2422	/	/	-2.80	<=8	Pass
		2437	/	/	-2.05	<=8	Pass
		2452	/	/	-3.07	<=8	Pass
802.11ax (HEW20)	SISO	2412	SU	/	-1.74	<=8	Pass
		2437	SU	/	-1.34	<=8	Pass
		2462	SU	/	-2.44	<=8	Pass
802.11ax (HEW40)	SISO	2422	SU	/	-2.32	<=8	Pass
		2437	SU	/	-3.95	<=8	Pass
		2452	SU	/	-3.72	<=8	Pass

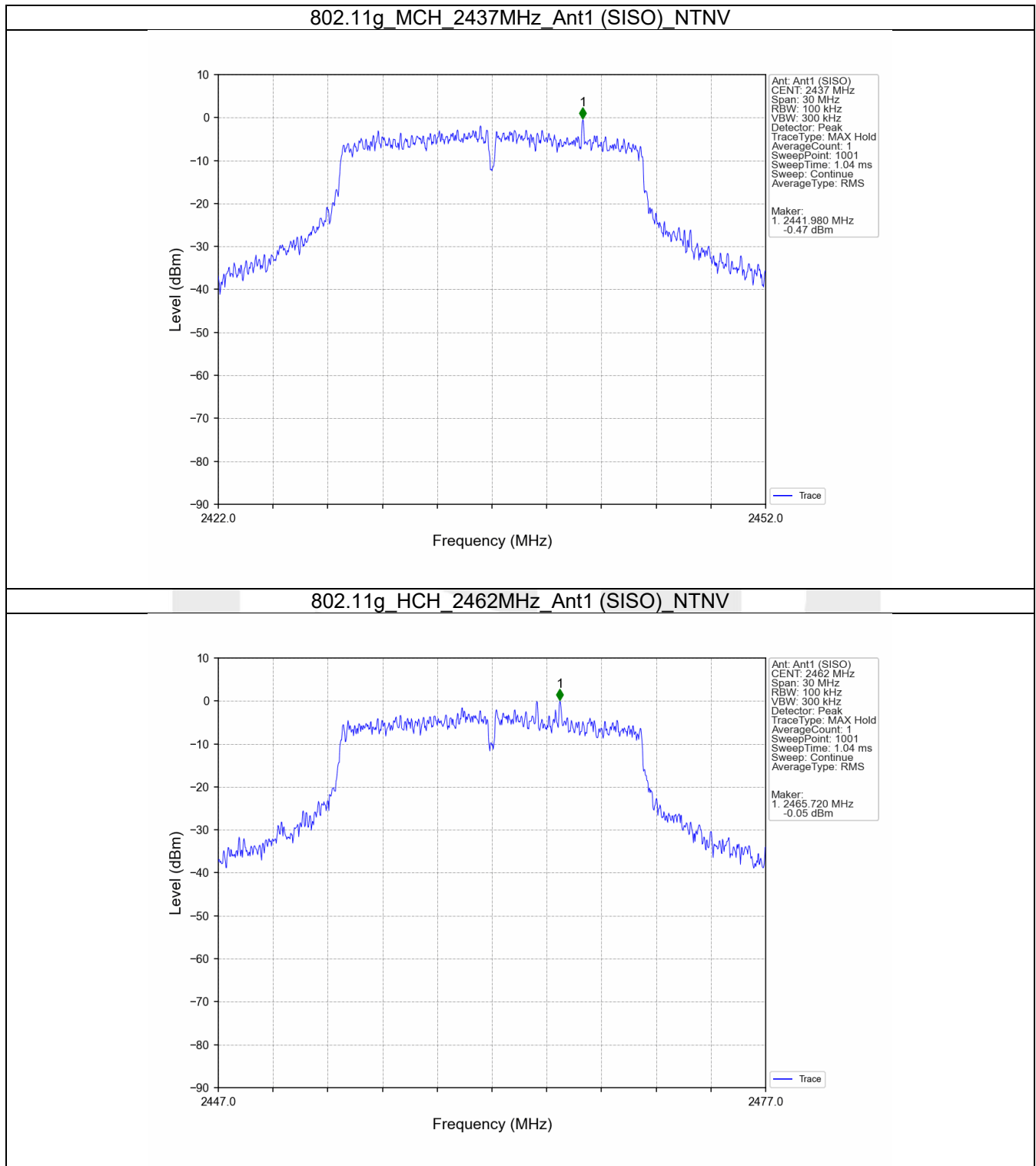
Note1: Antenna Gain: Ant1: 1.66dBi;

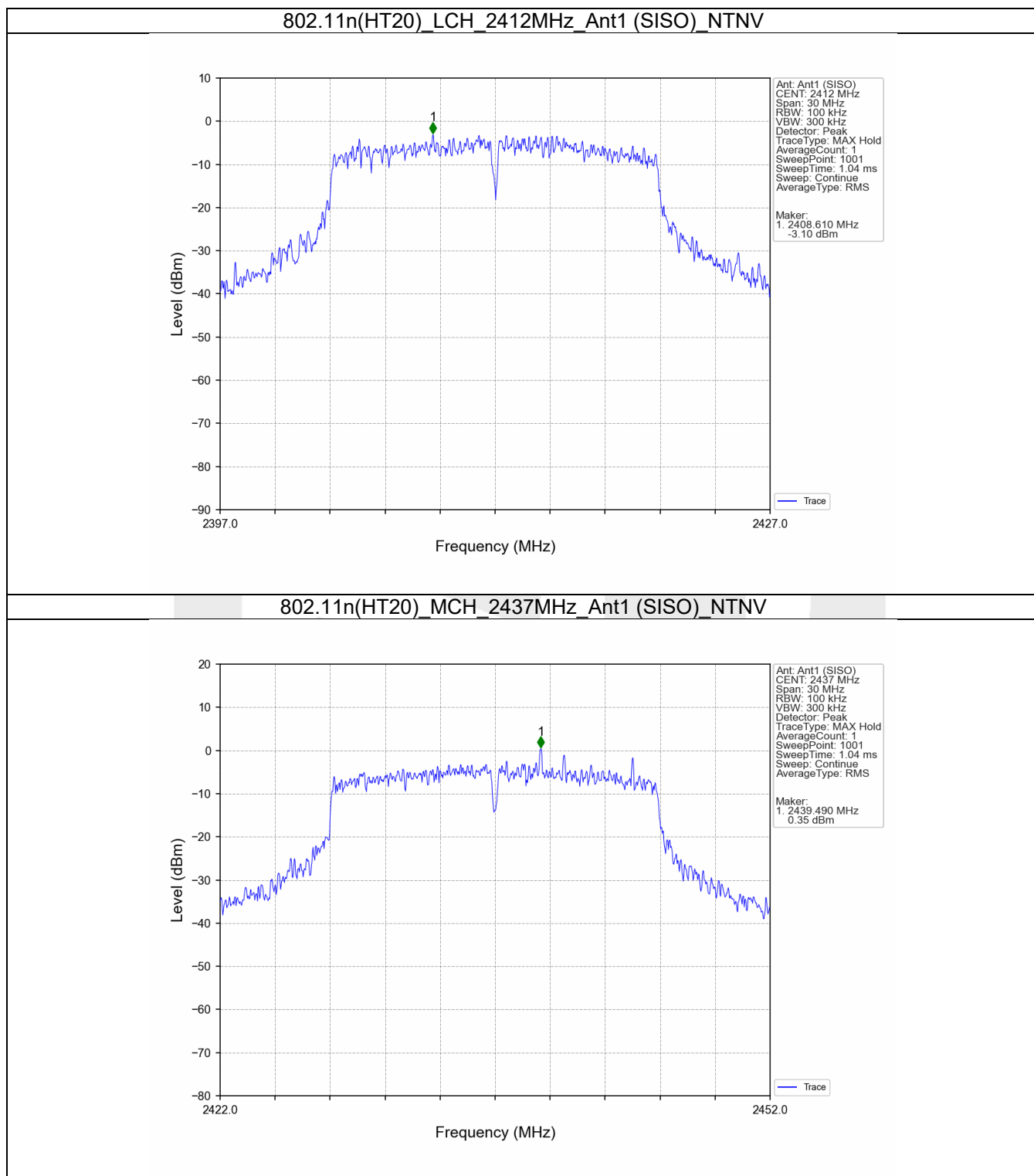
4.2 Test Graph

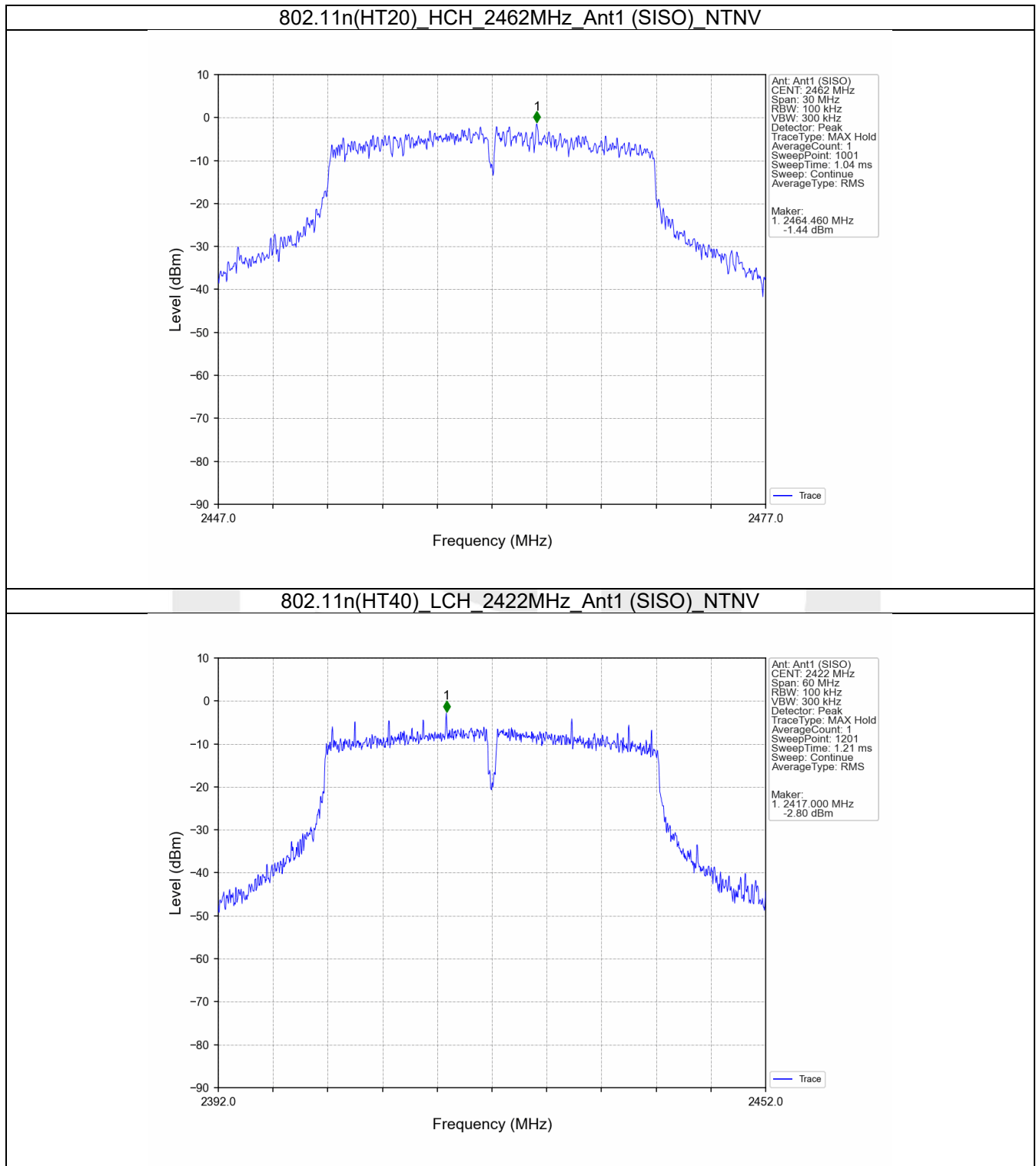
4.2.1 PSD

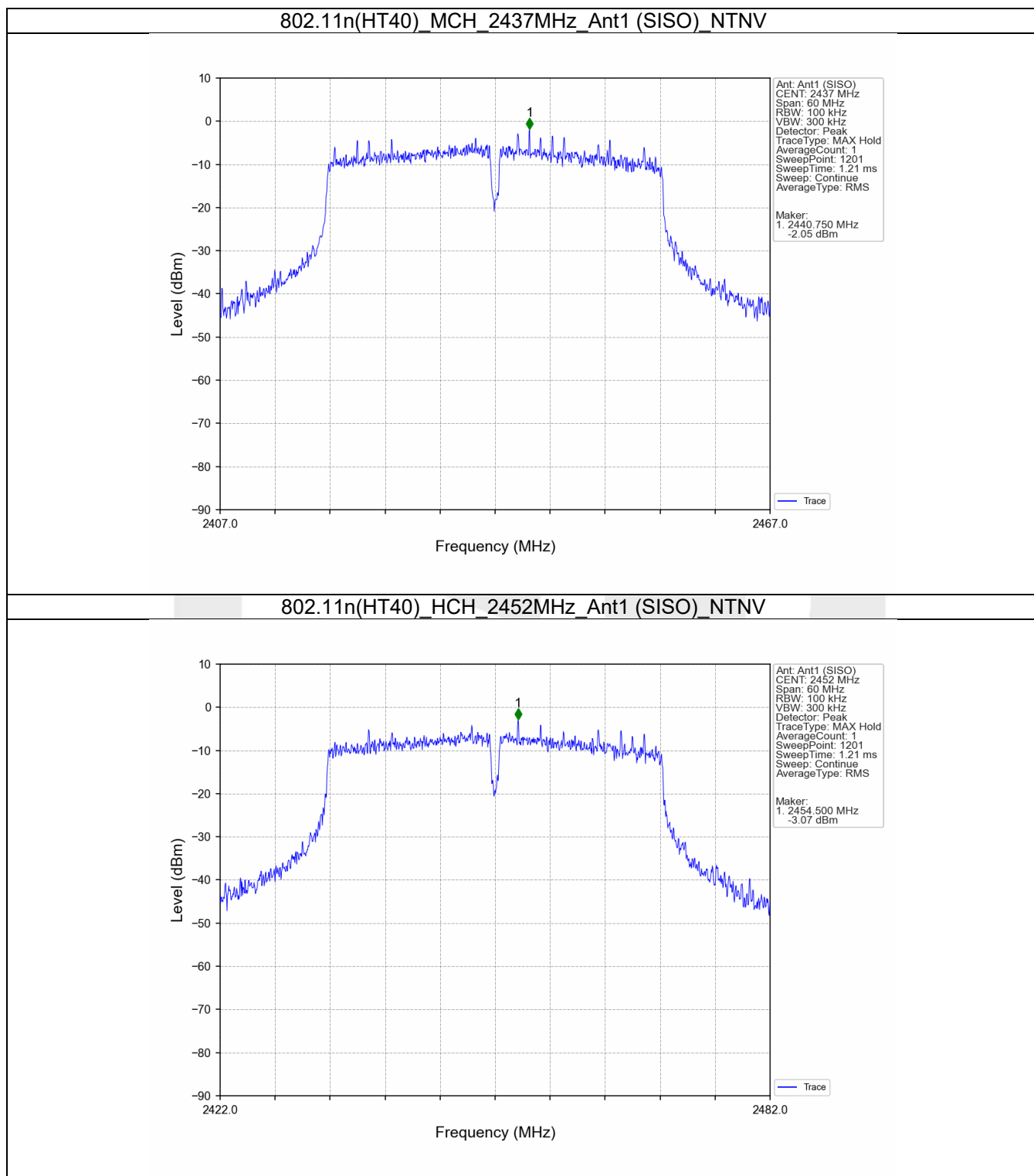


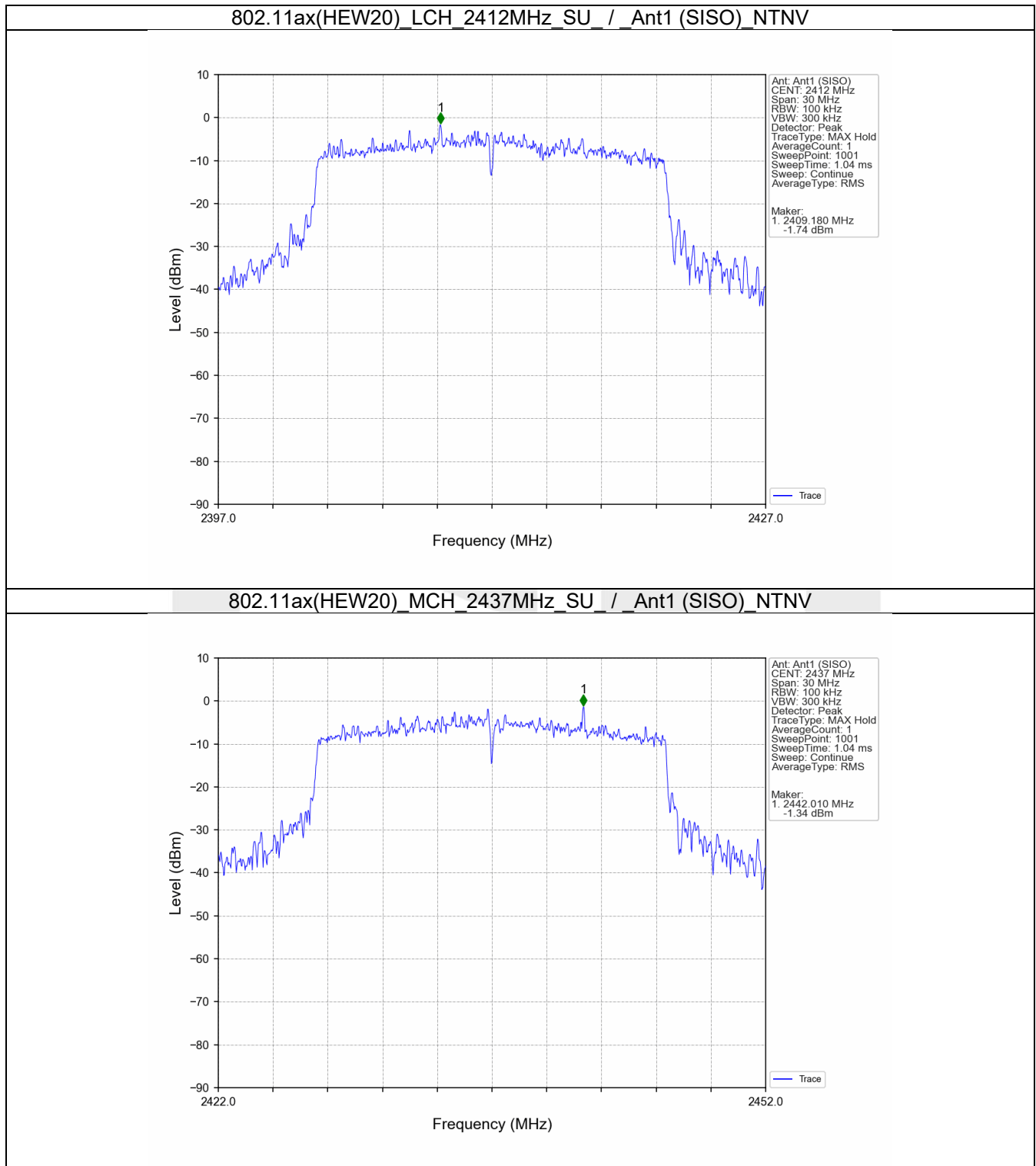


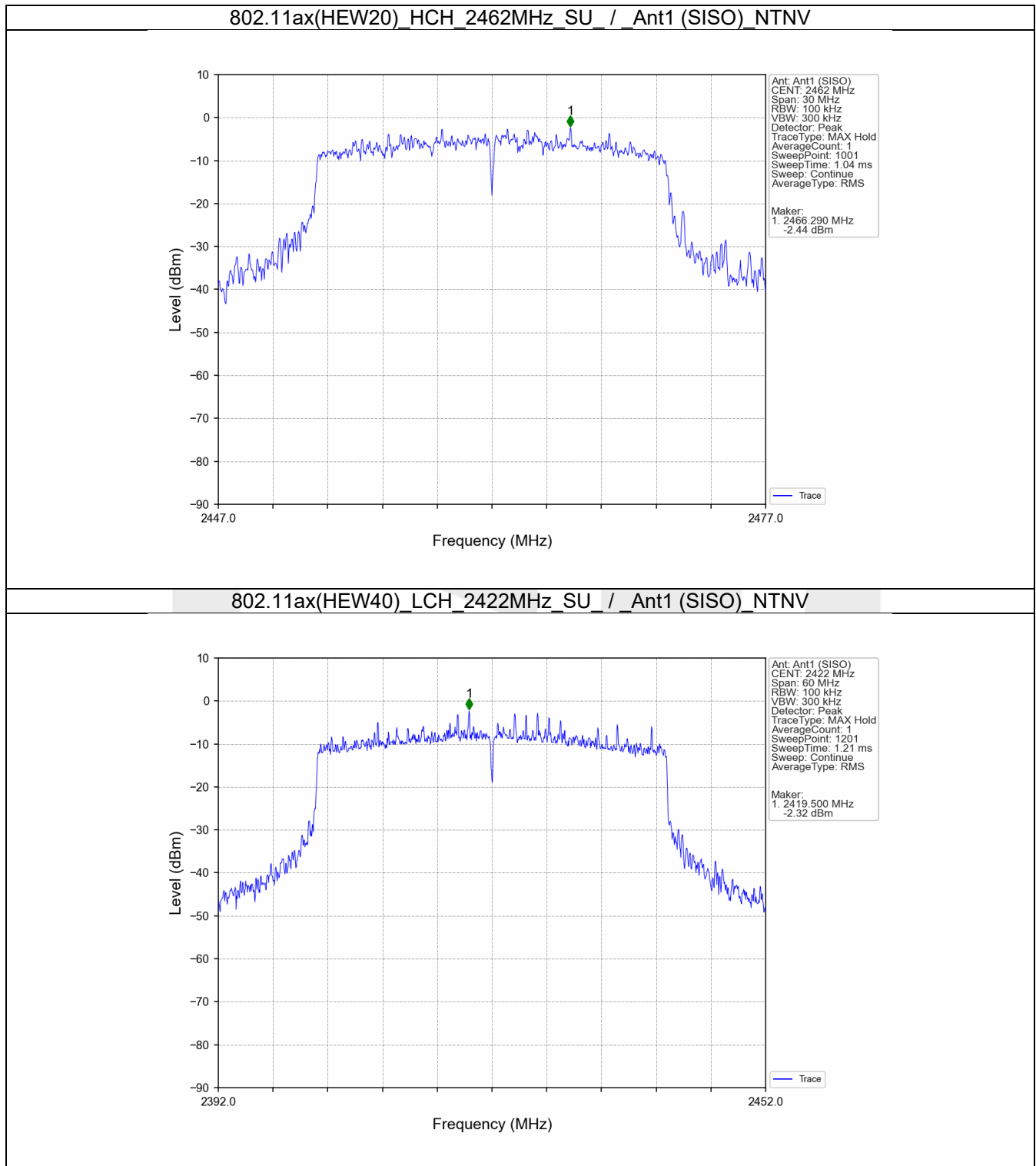


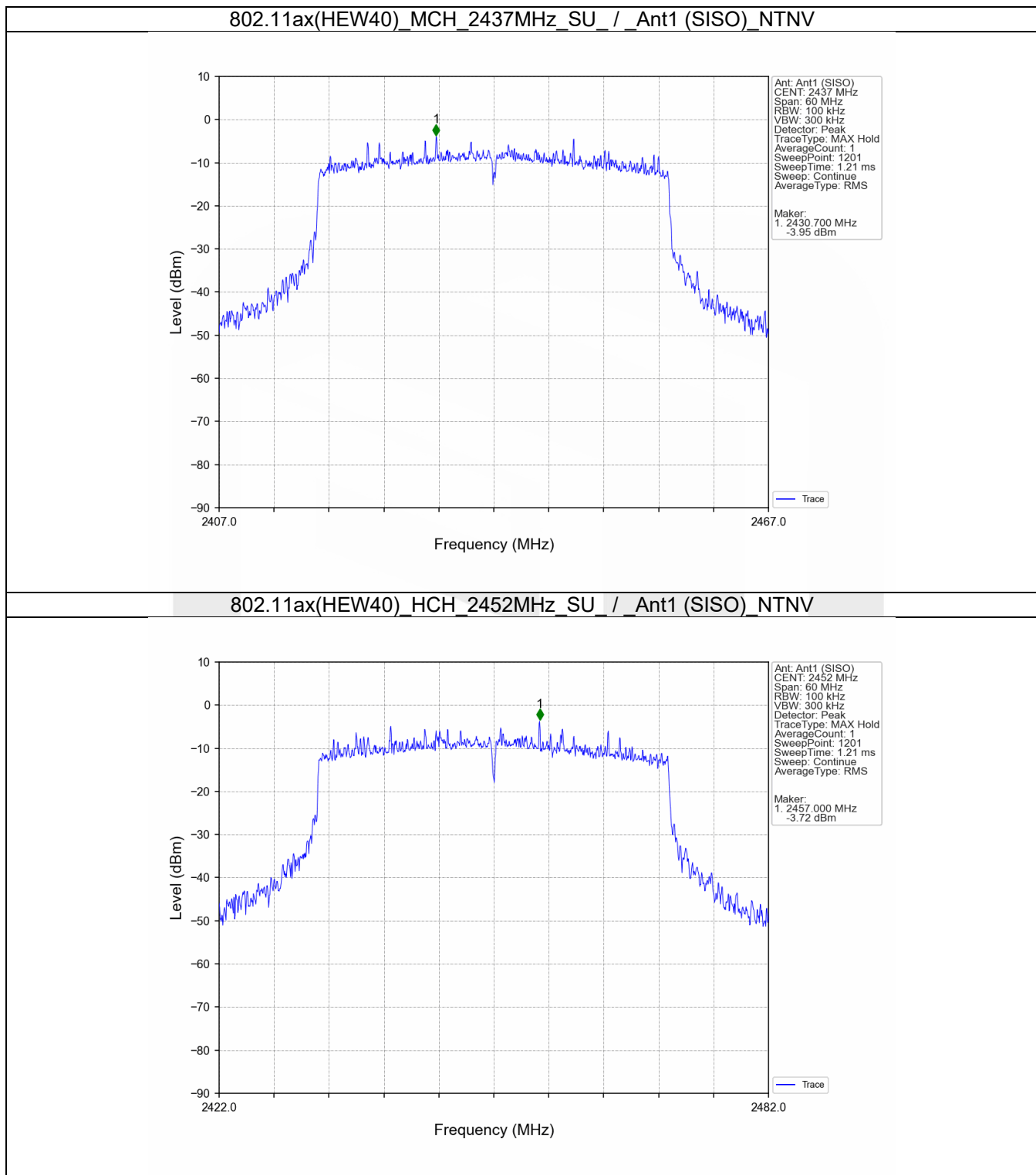












5. Unwanted Emissions In Non-restricted Frequency Bands

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	5.91
		2437	/	/	1	3.60
		2462	/	/	1	4.31
802.11g	SISO	2412	/	/	1	0.07
		2437	/	/	1	-2.29
		2462	/	/	1	-0.02
802.11n (HT20)	SISO	2412	/	/	1	-1.92
		2437	/	/	1	0.30
		2462	/	/	1	-1.05
802.11n (HT40)	SISO	2422	/	/	1	-2.96
		2437	/	/	1	-2.09
		2452	/	/	1	-3.02
802.11ax (HEW20)	SISO	2412	SU	/	1	-1.78
		2437	SU	/	1	-2.64
		2462	SU	/	1	-1.97
802.11ax (HEW40)	SISO	2422	SU	/	1	-2.80
		2437	SU	/	1	-3.05
		2452	SU	/	1	-3.22

Note1: Refer to FCC Part 15.247 (d) and ANSI C63.10-2020+Cor 1-2023, the channel contains the maximum PSD level was used to establish the reference level.

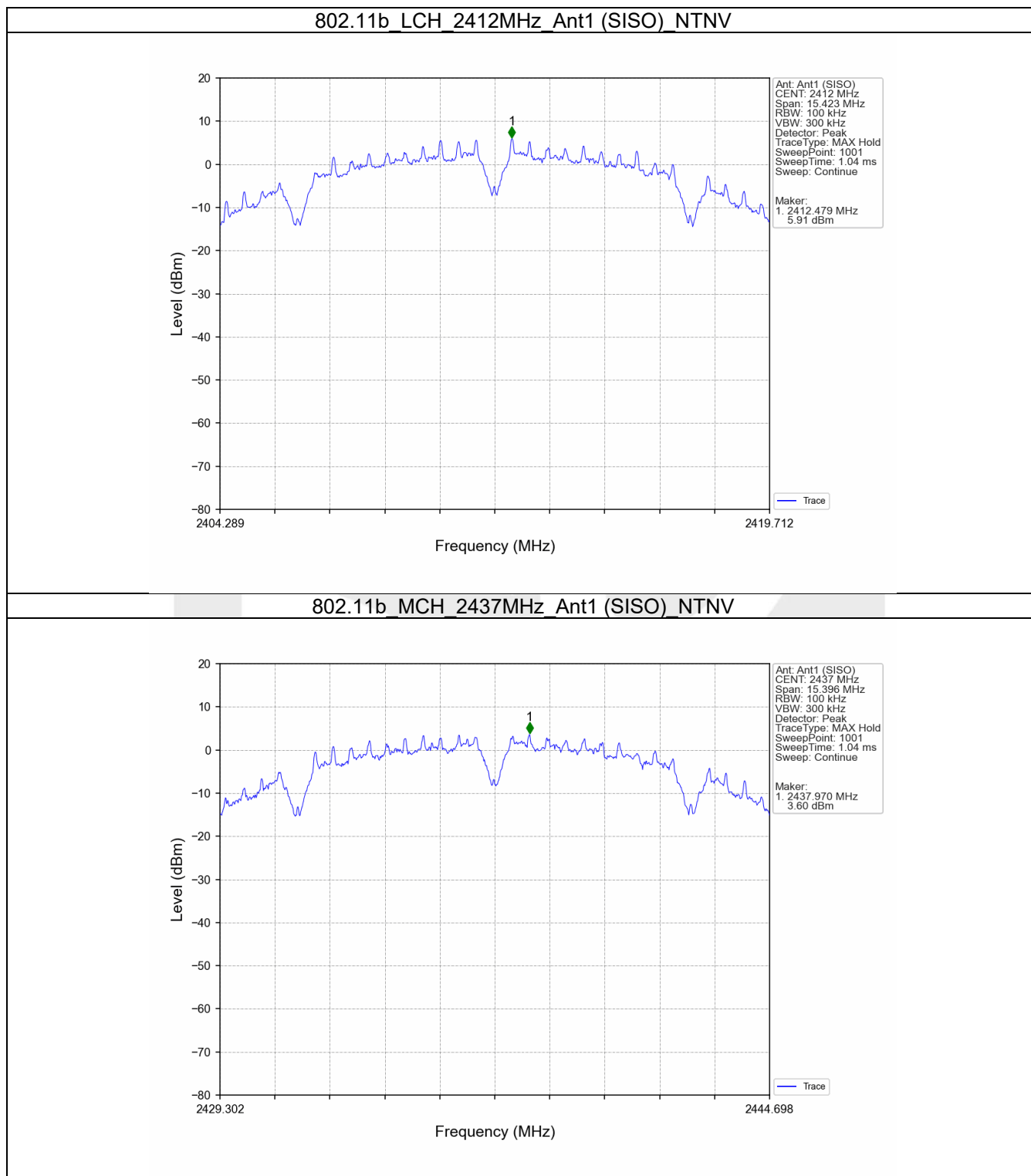
5.1.2 CSE

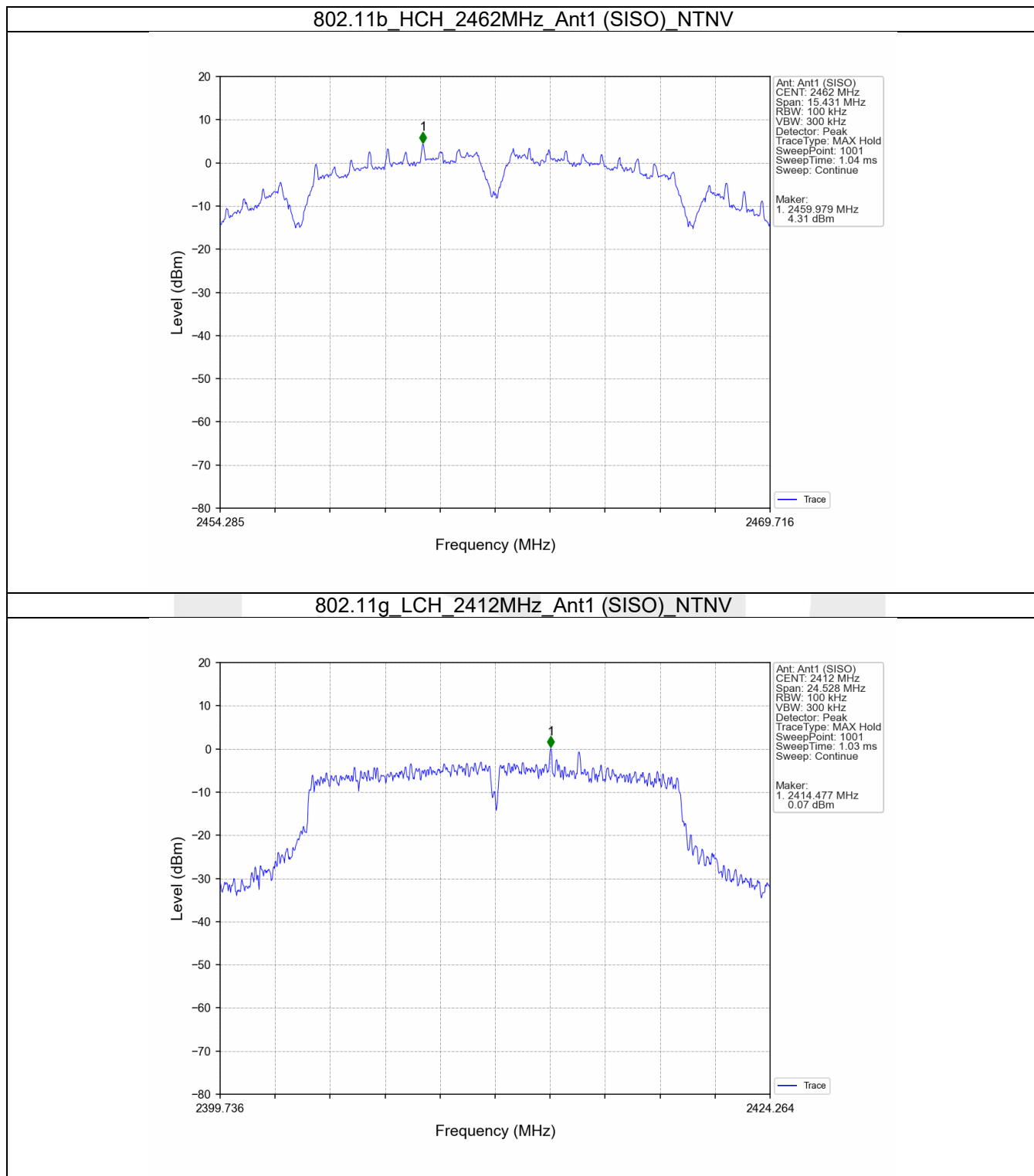
Mode	TX Type	Frequency (MHz)	RU	RU Pos	ANT	Level of Reference (dBm)	Limit (dBm)	Verdict
802.11b	SISO	2412	/	/	1	5.91	-14.09	Pass
		2437	/	/	1	5.91	-14.09	Pass
		2462	/	/	1	5.91	-14.09	Pass
802.11g	SISO	2412	/	/	1	0.07	-19.93	Pass
		2437	/	/	1	0.07	-19.93	Pass
		2462	/	/	1	0.07	-19.93	Pass
802.11n (HT20)	SISO	2412	/	/	1	0.30	-19.70	Pass
		2437	/	/	1	0.30	-19.70	Pass
		2462	/	/	1	0.30	-19.70	Pass
802.11n (HT40)	SISO	2422	/	/	1	-2.09	-22.09	Pass
		2437	/	/	1	-2.09	-22.09	Pass
		2452	/	/	1	-2.09	-22.09	Pass
802.11ax (HEW20)	SISO	2412	SU	/	1	-1.78	-21.78	Pass
		2437	SU	/	1	-1.78	-21.78	Pass
		2462	SU	/	1	-1.78	-21.78	Pass
802.11ax (HEW40)	SISO	2422	SU	/	1	-2.80	-22.80	Pass
		2437	SU	/	1	-2.80	-22.80	Pass
		2452	SU	/	1	-2.80	-22.80	Pass

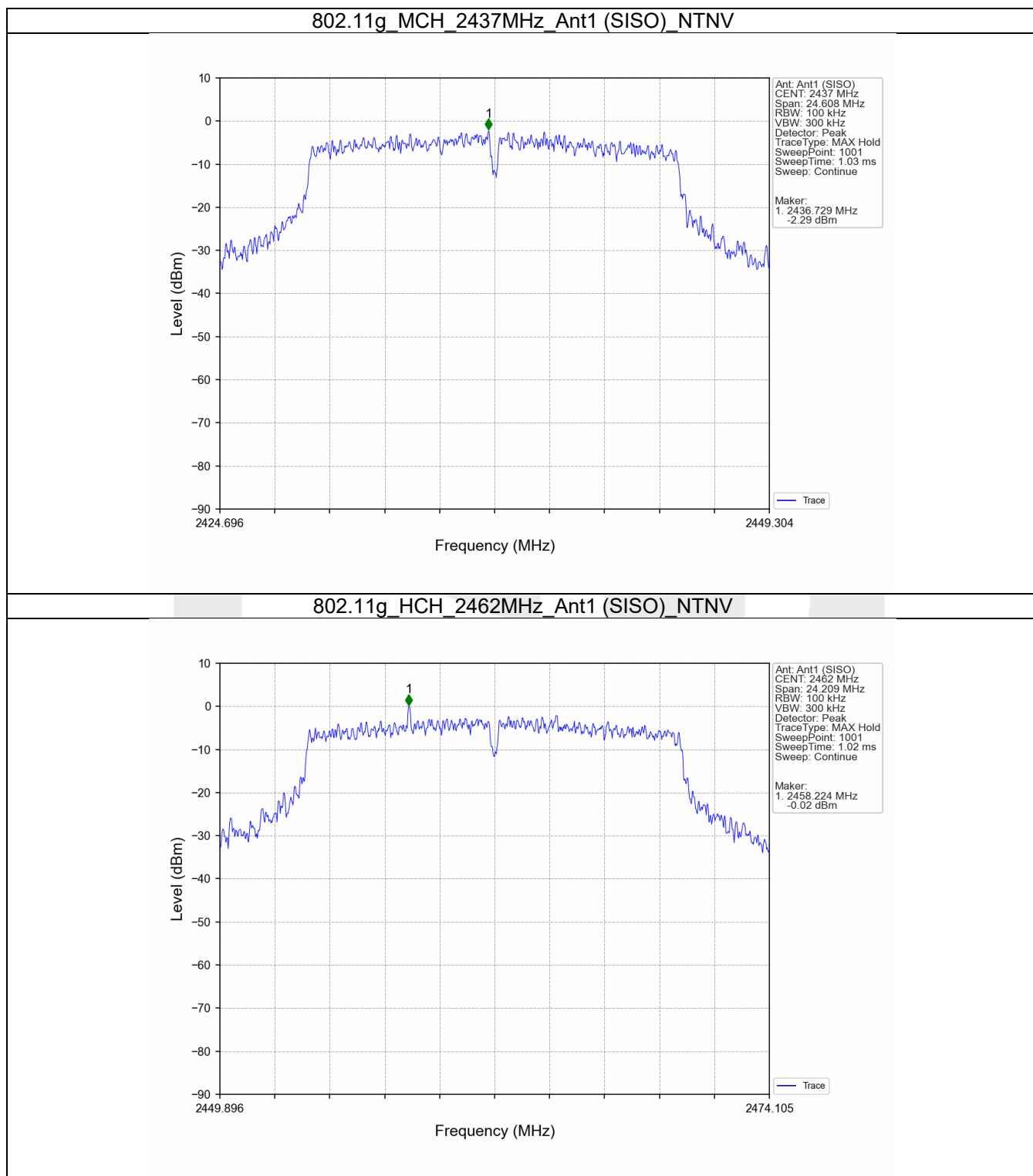
Note1: Refer to FCC Part 15.247 (d) and ANSI C63.10-2020+Cor 1-2023, the channel contains the maximum PSD level was used to establish the reference level.

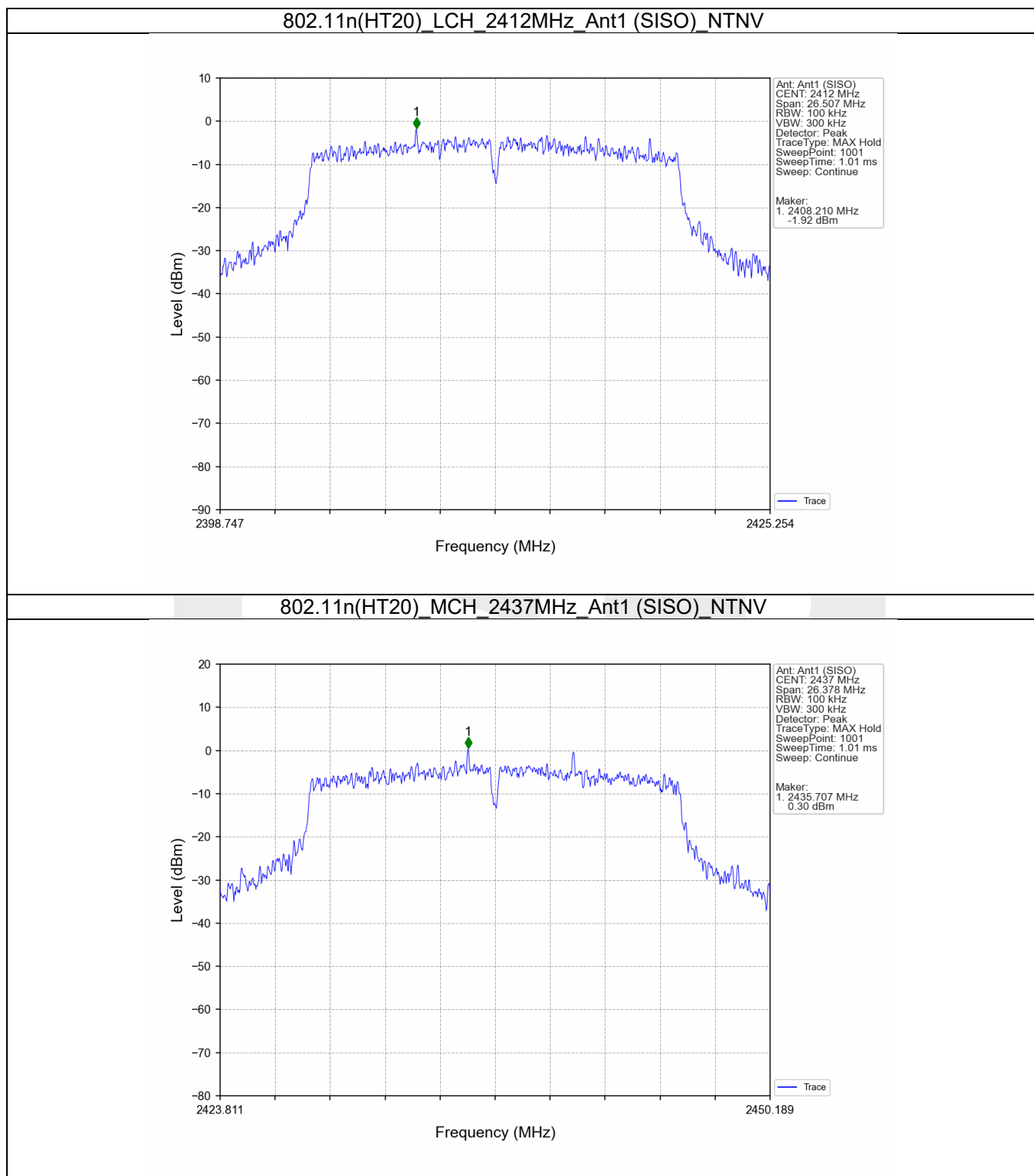
5.2 Test Graph

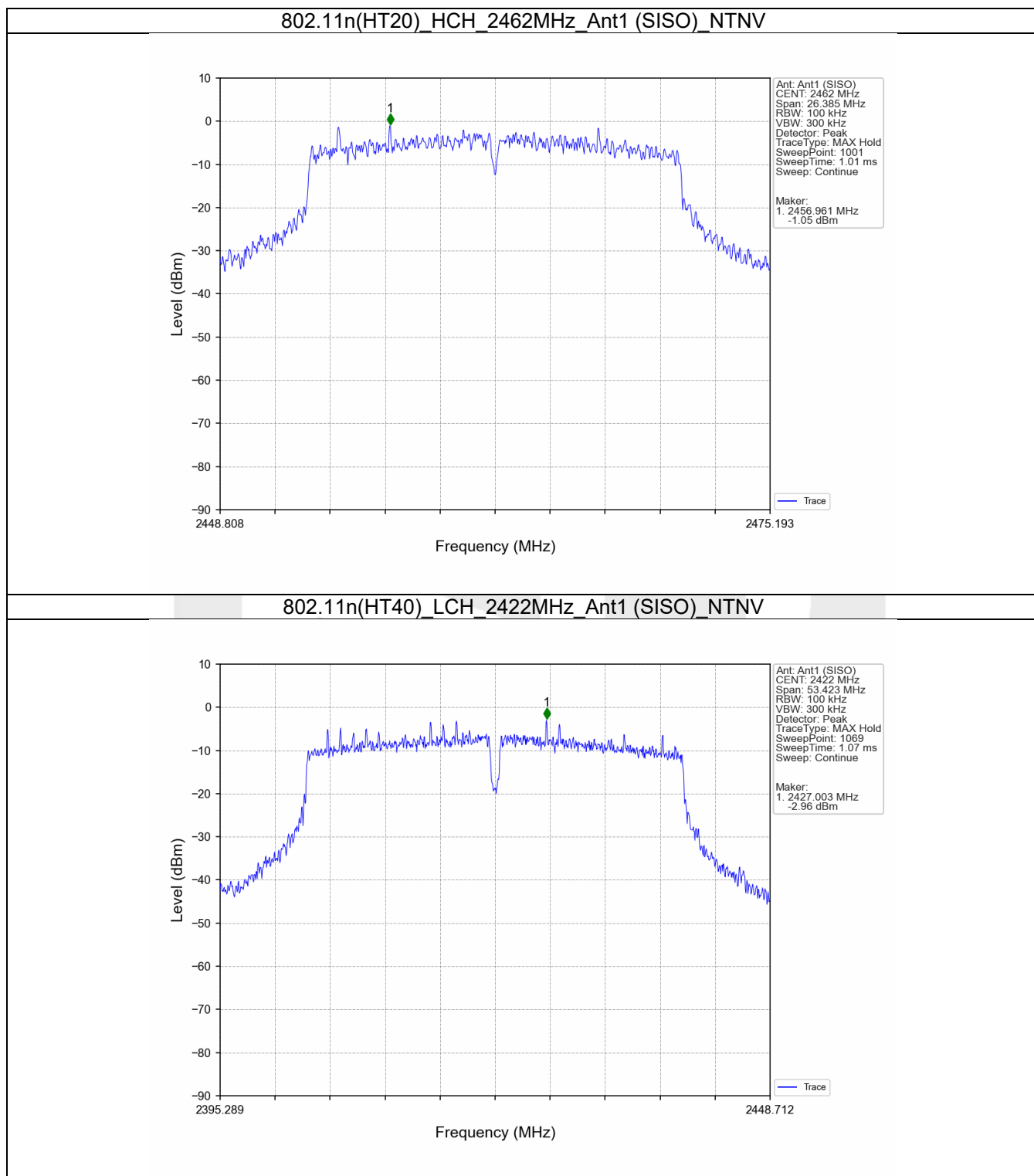
5.2.1 Ref

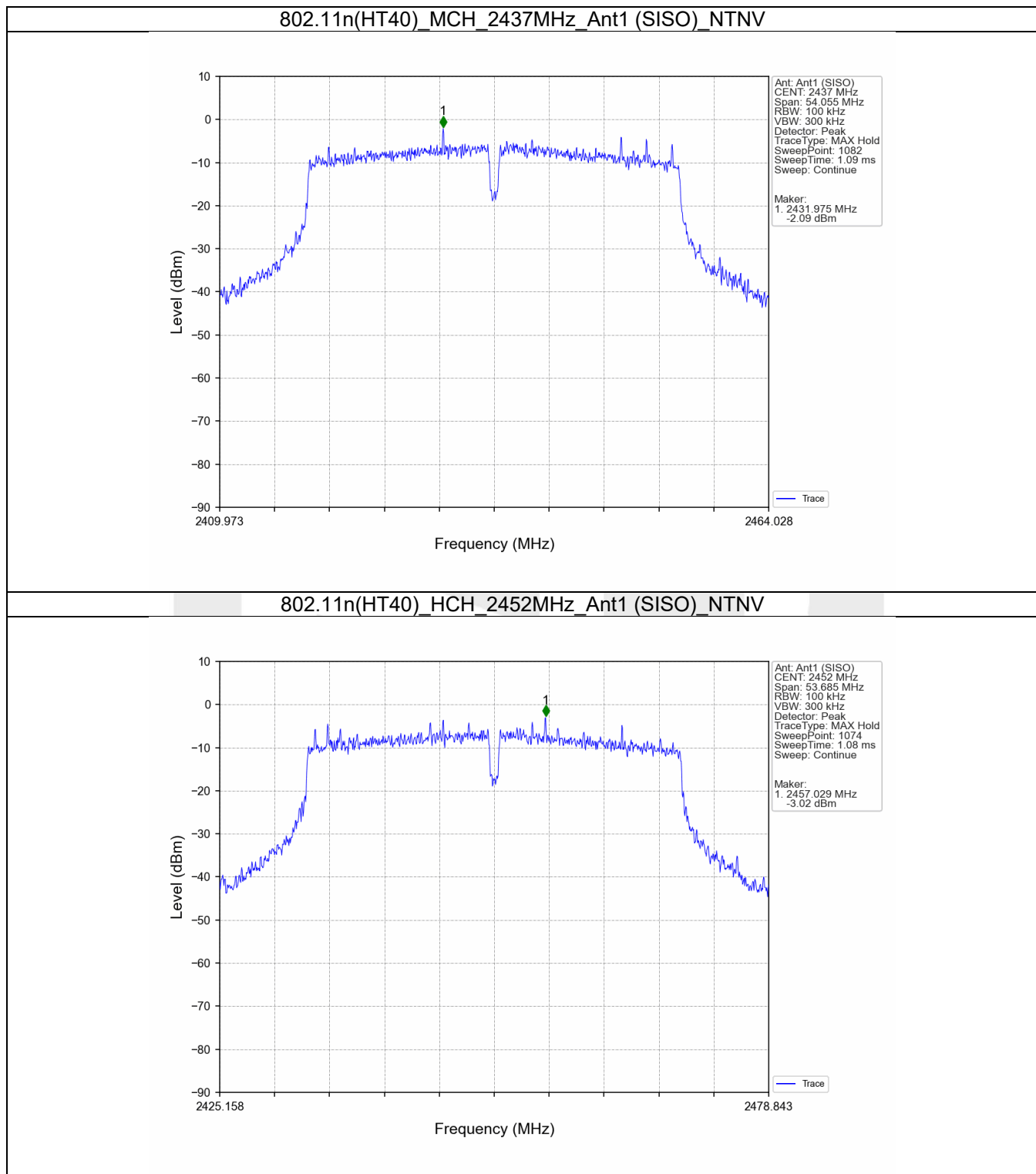


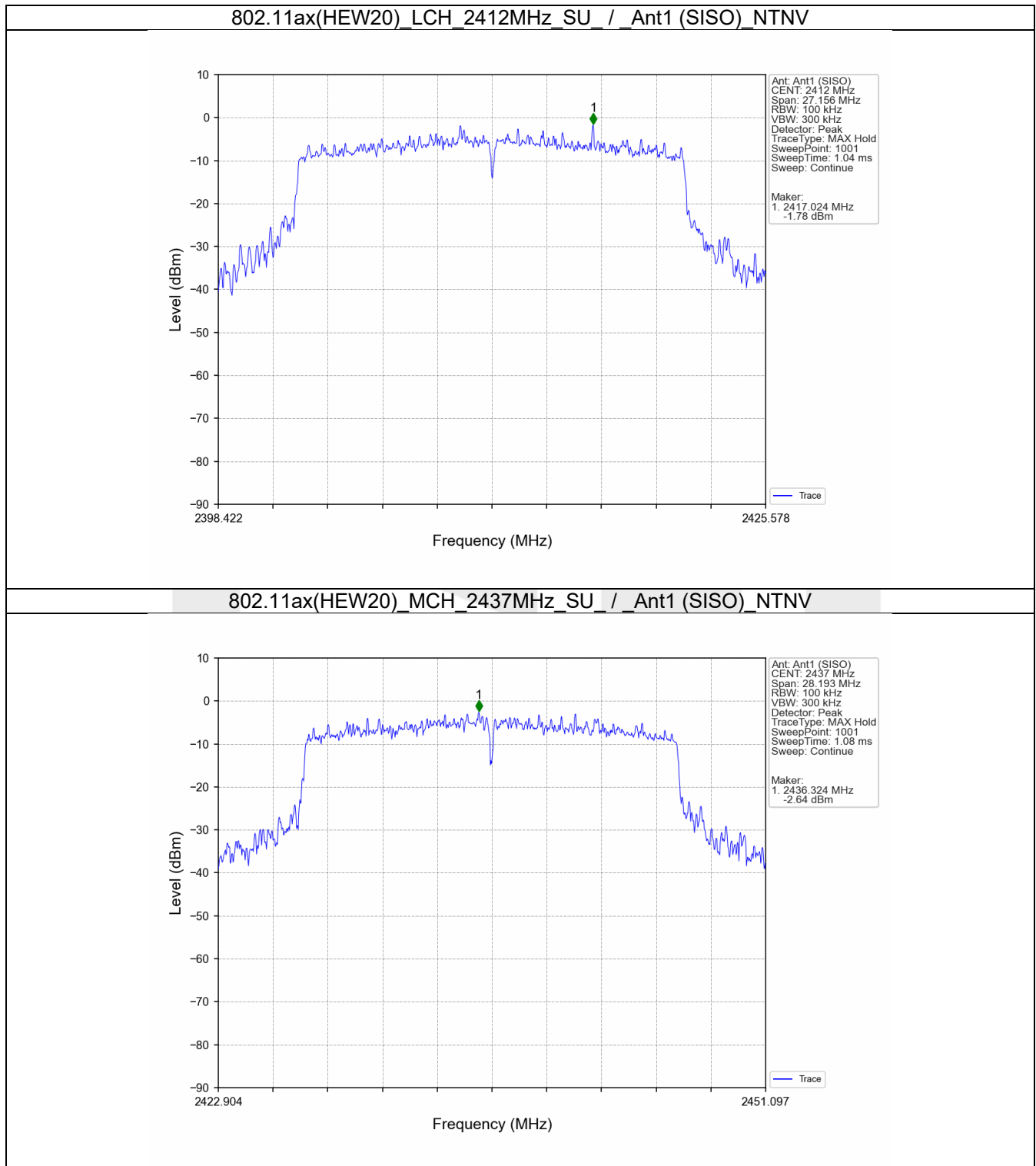


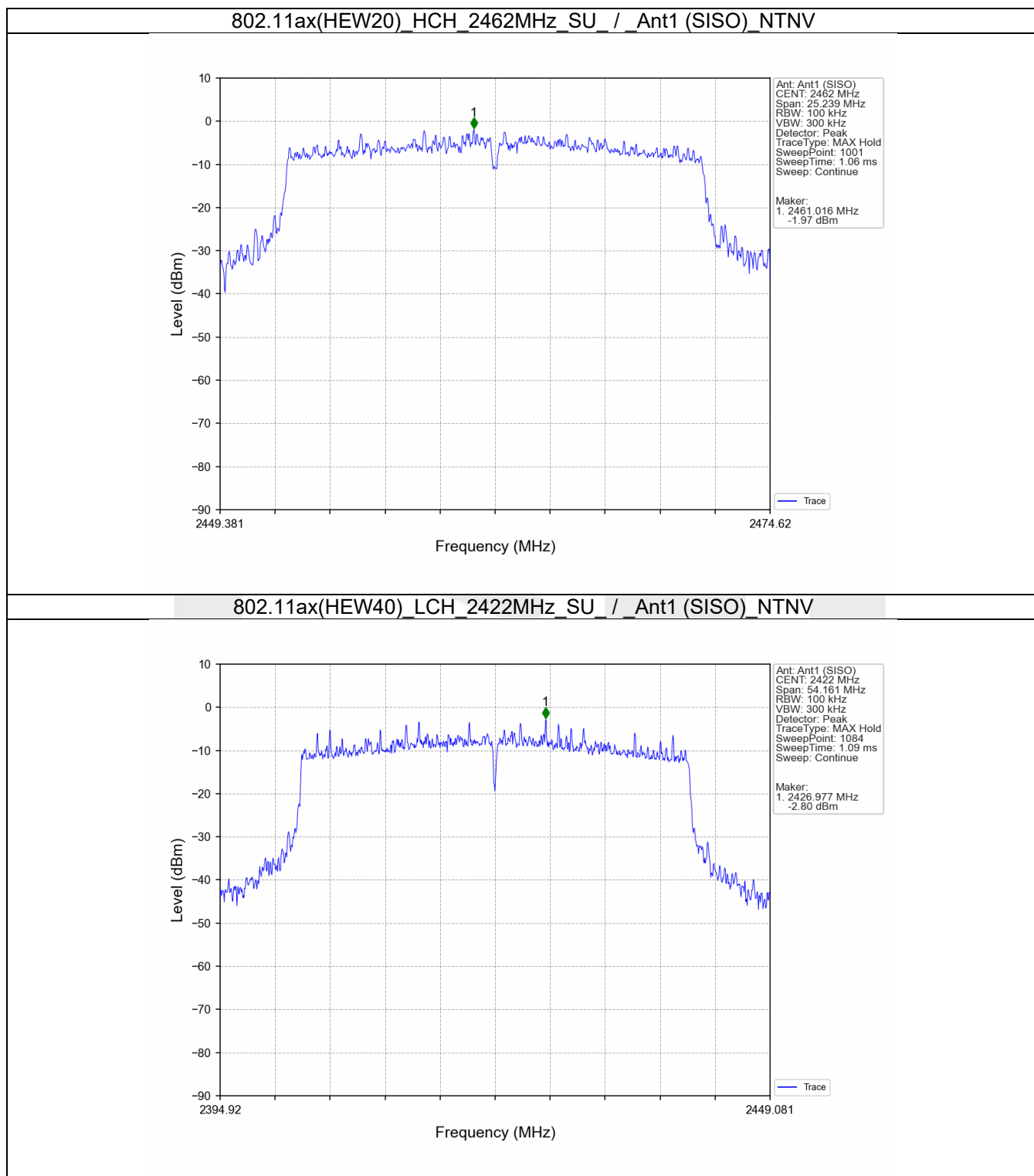


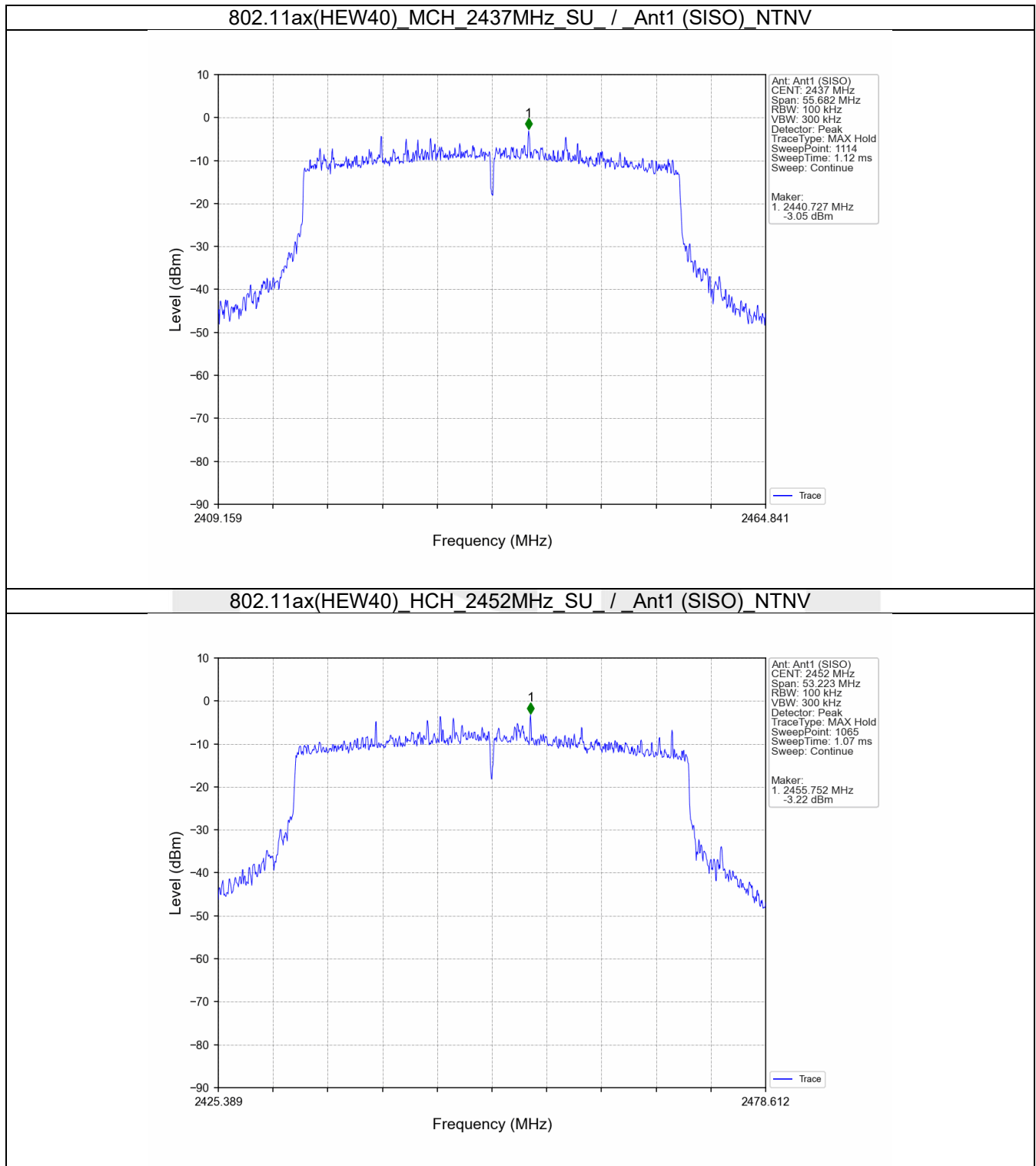




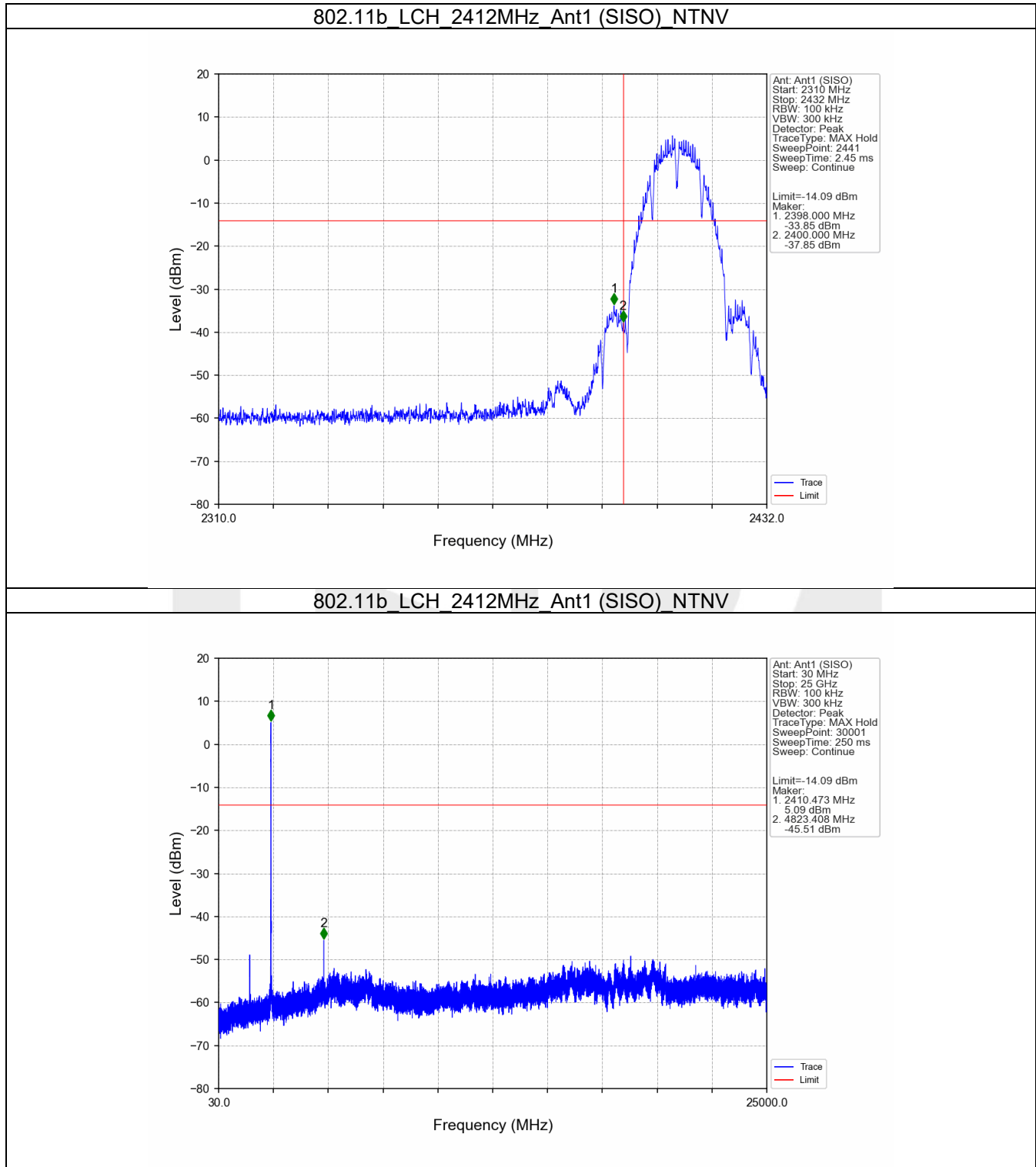


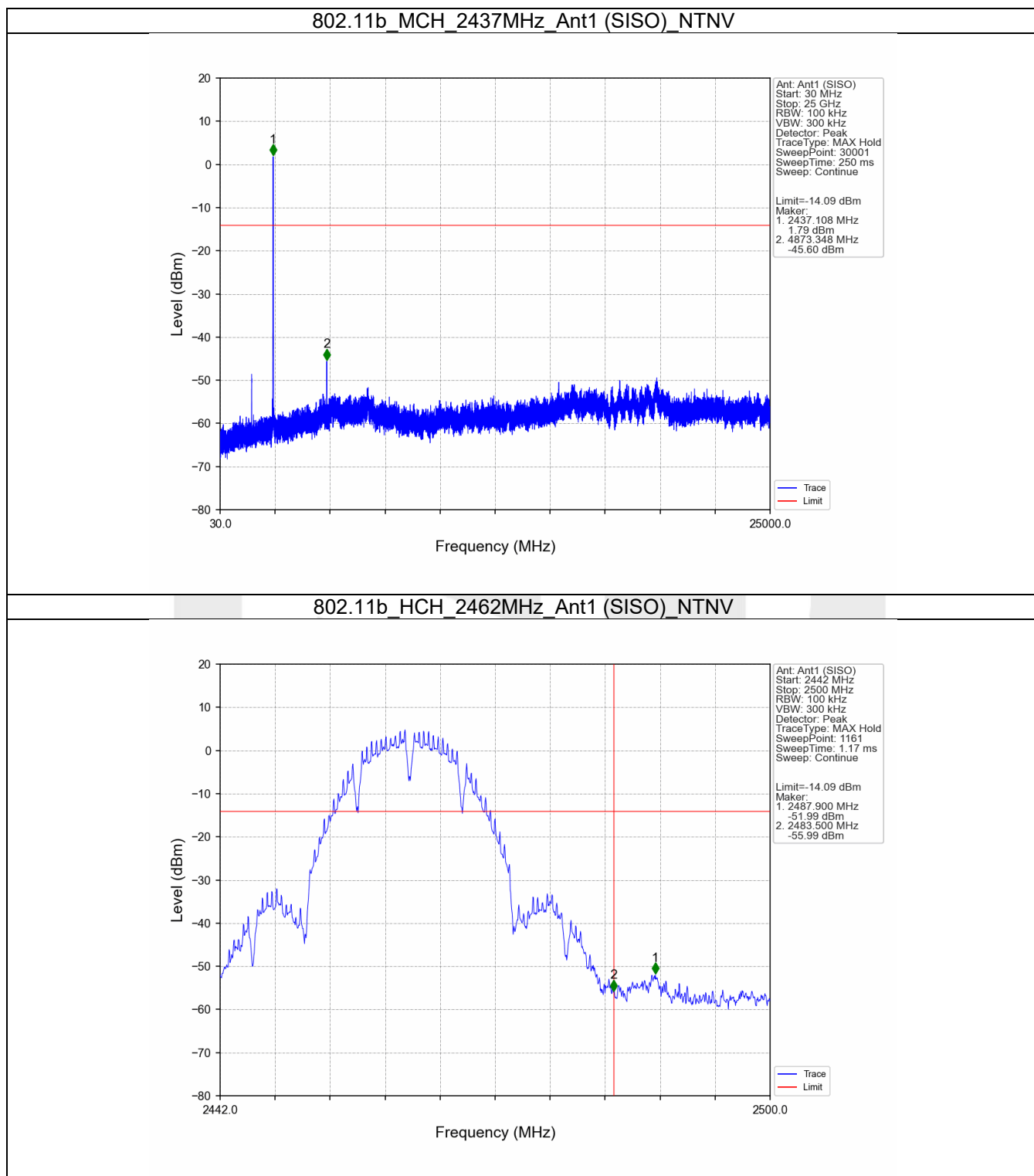


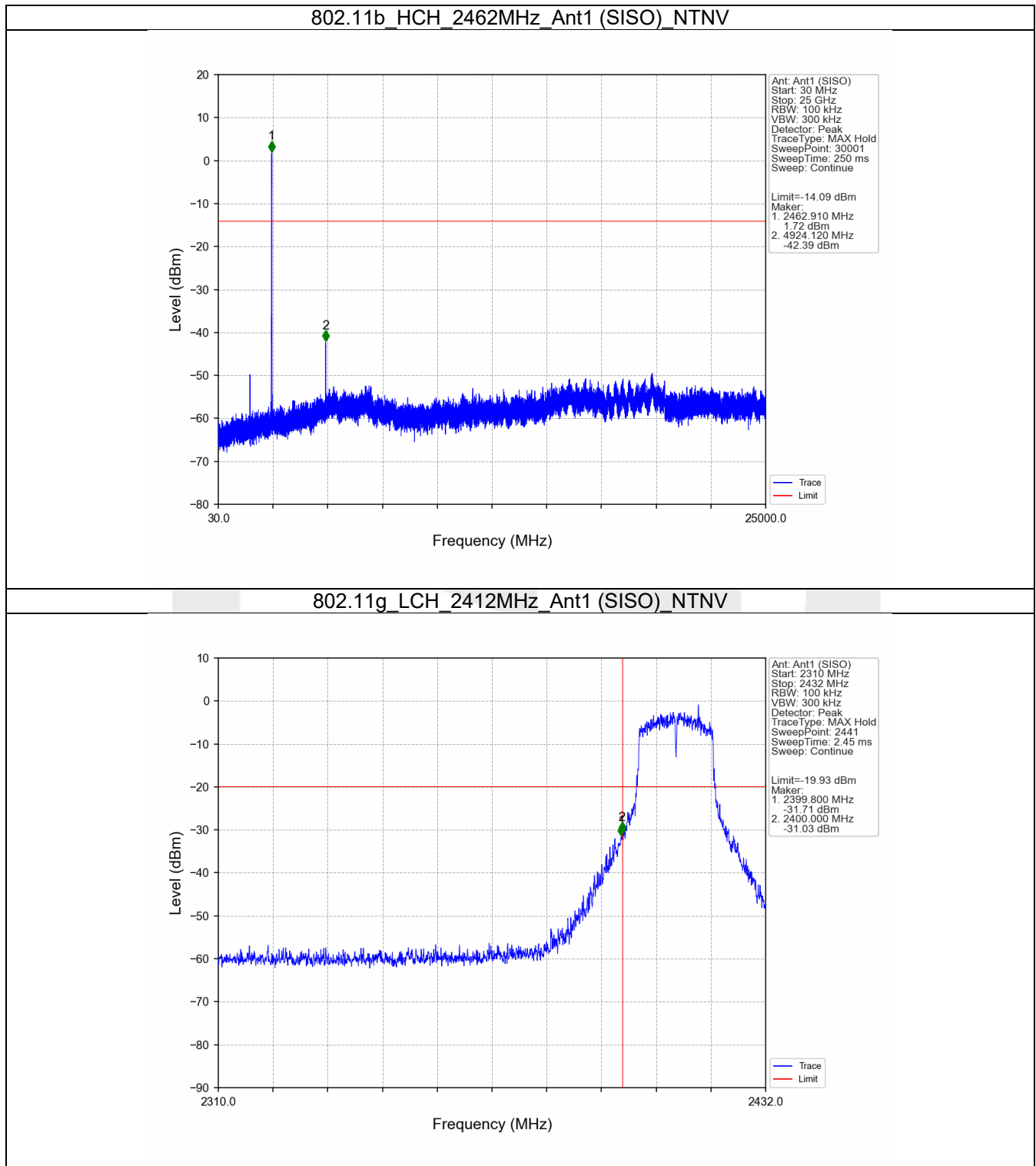


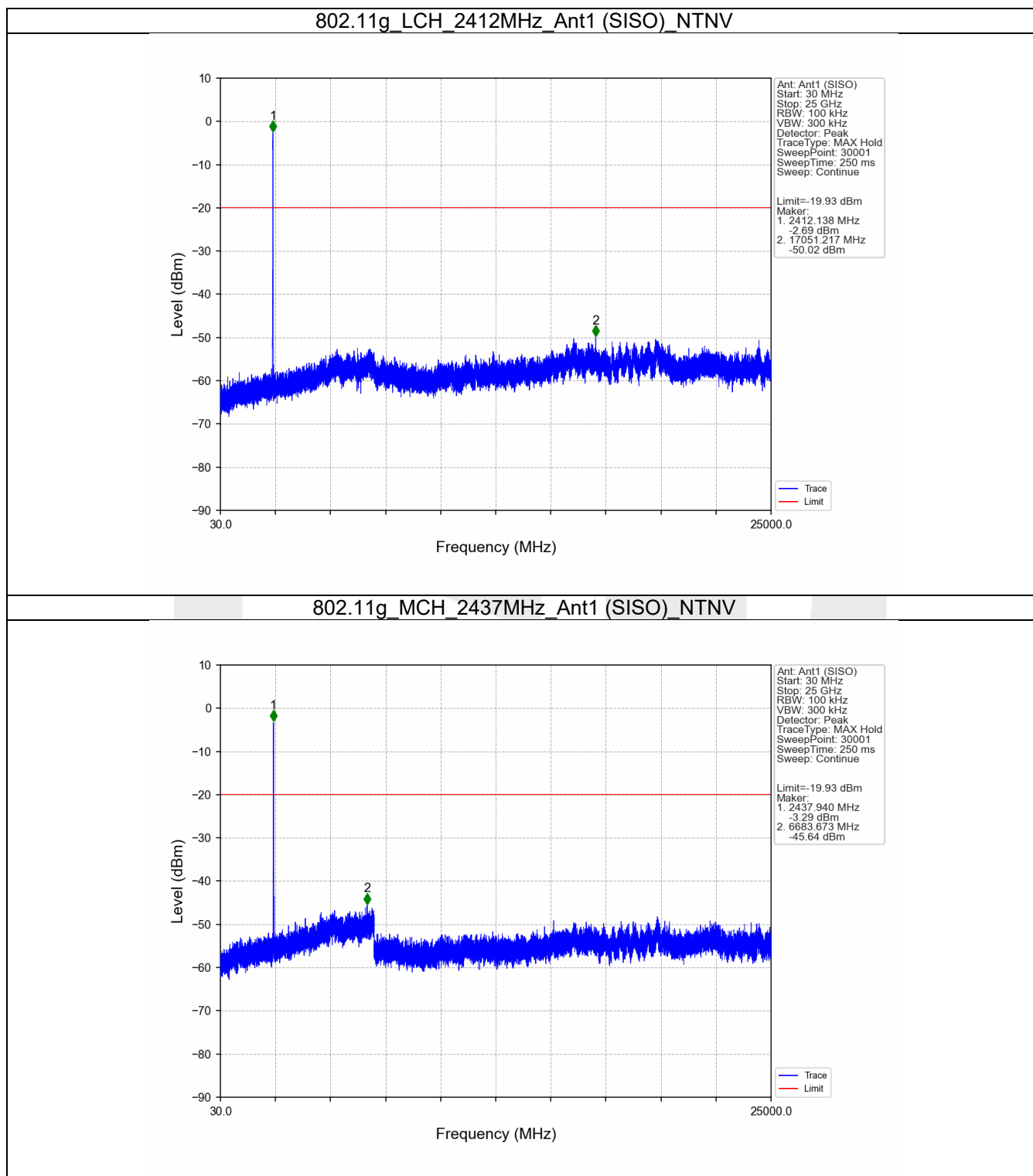


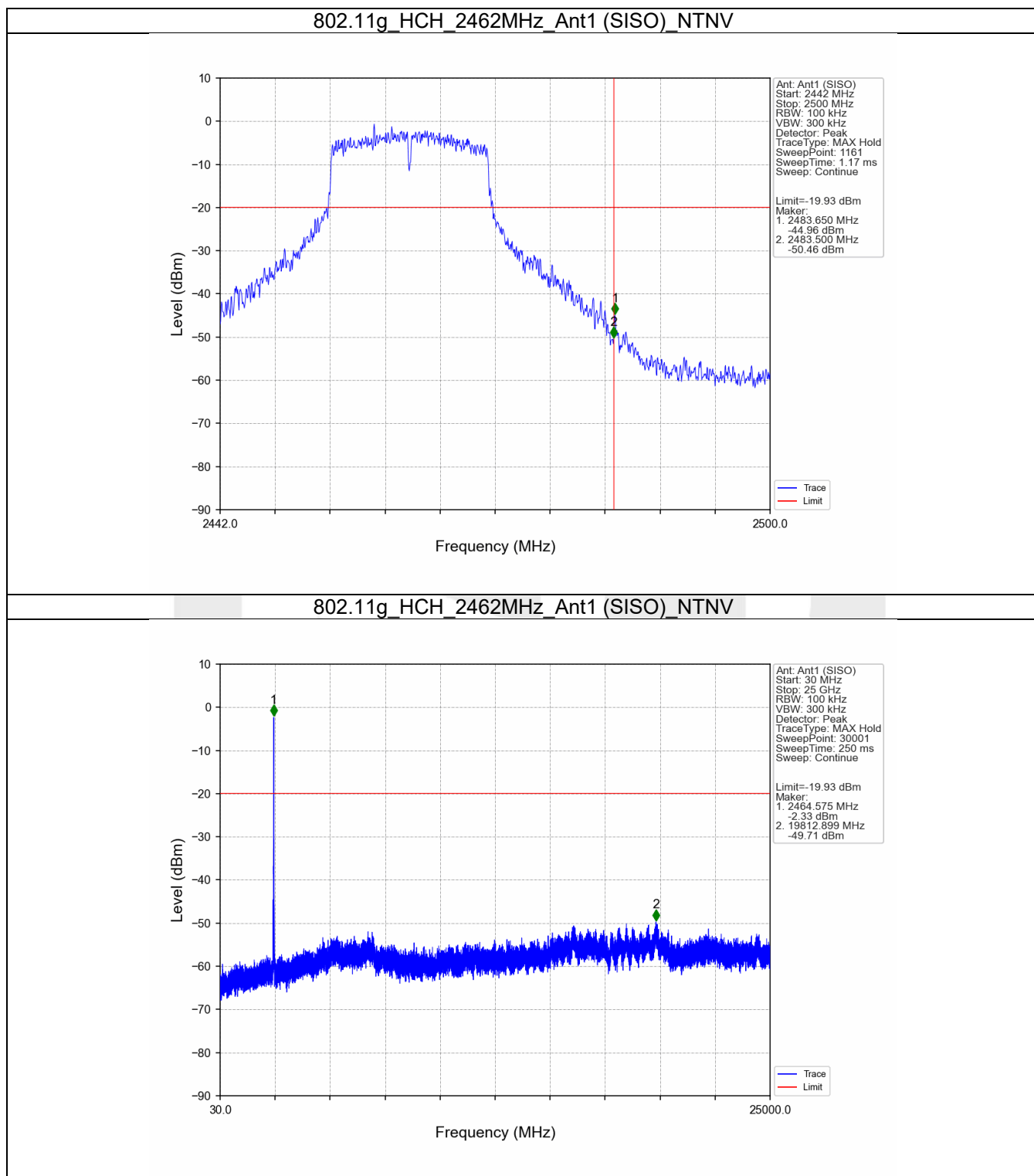
5.2.2 CSE

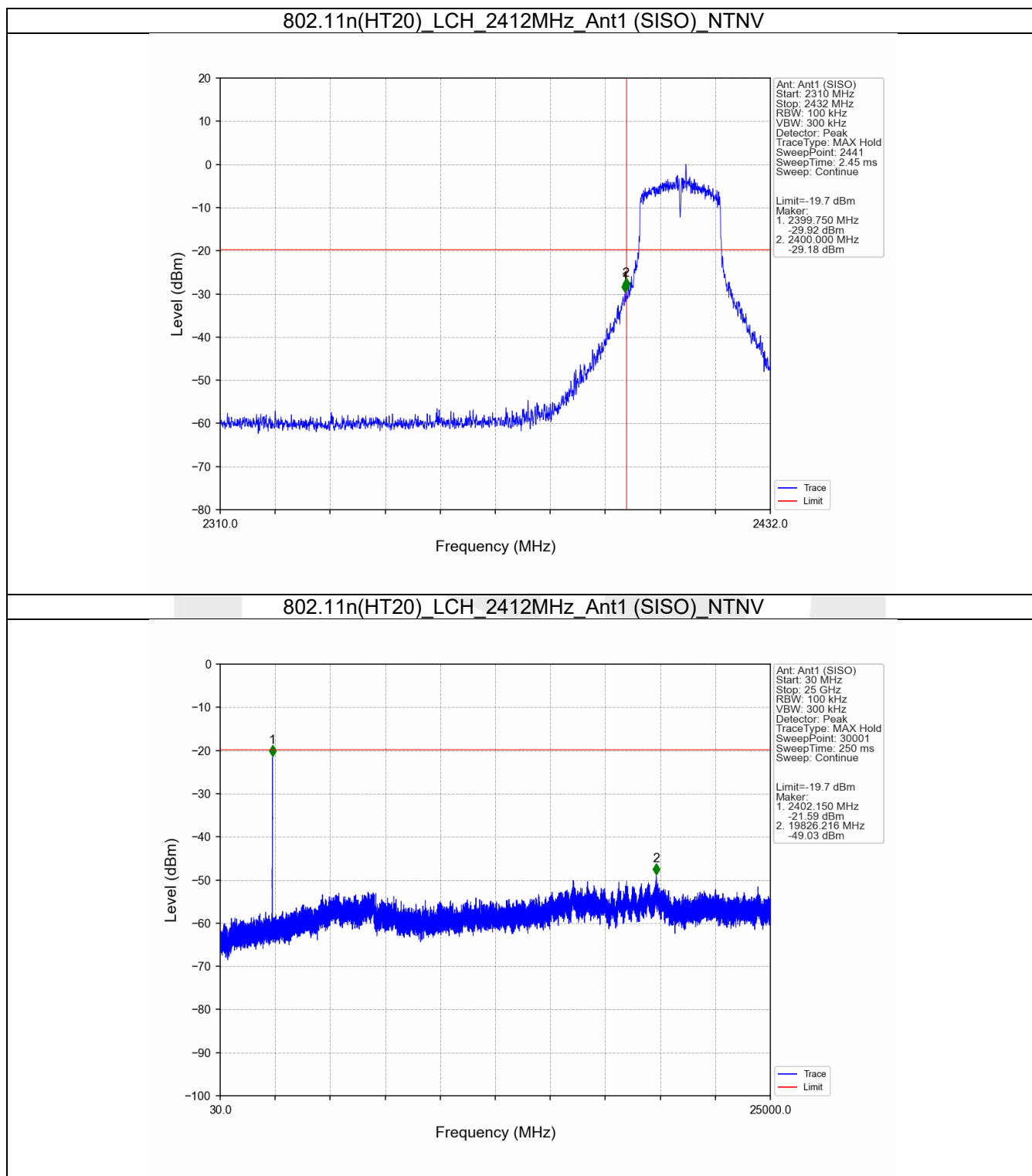


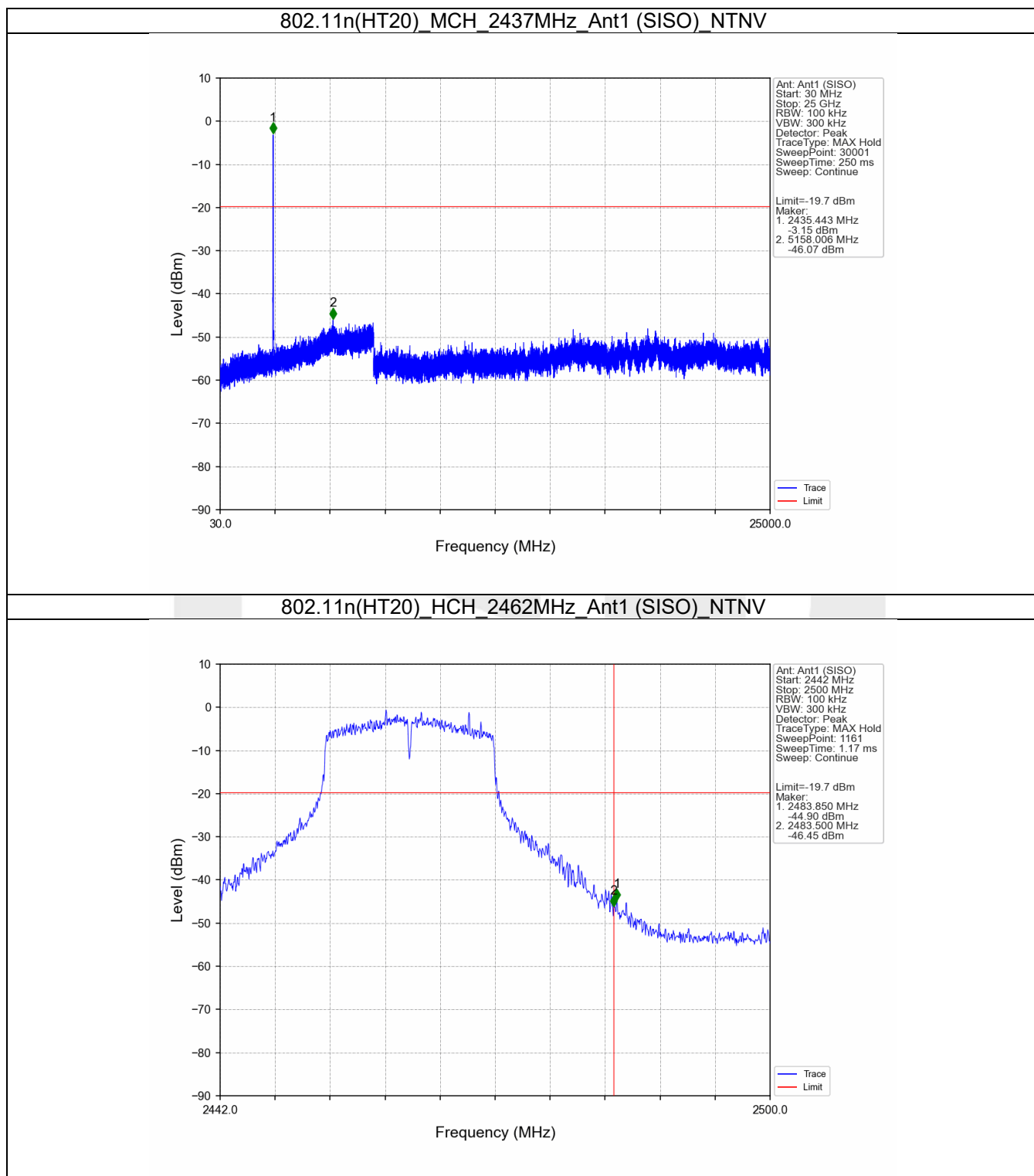


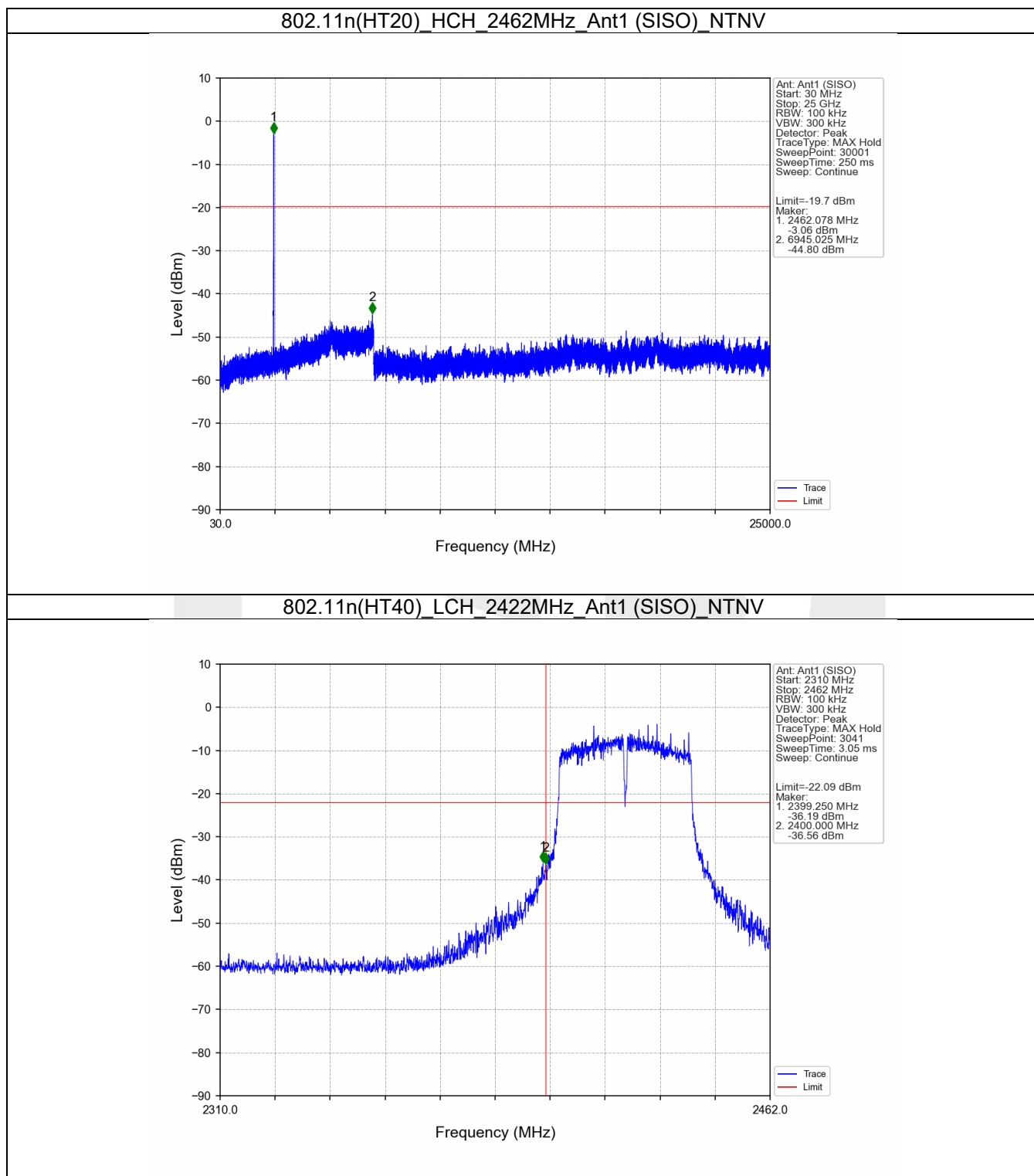


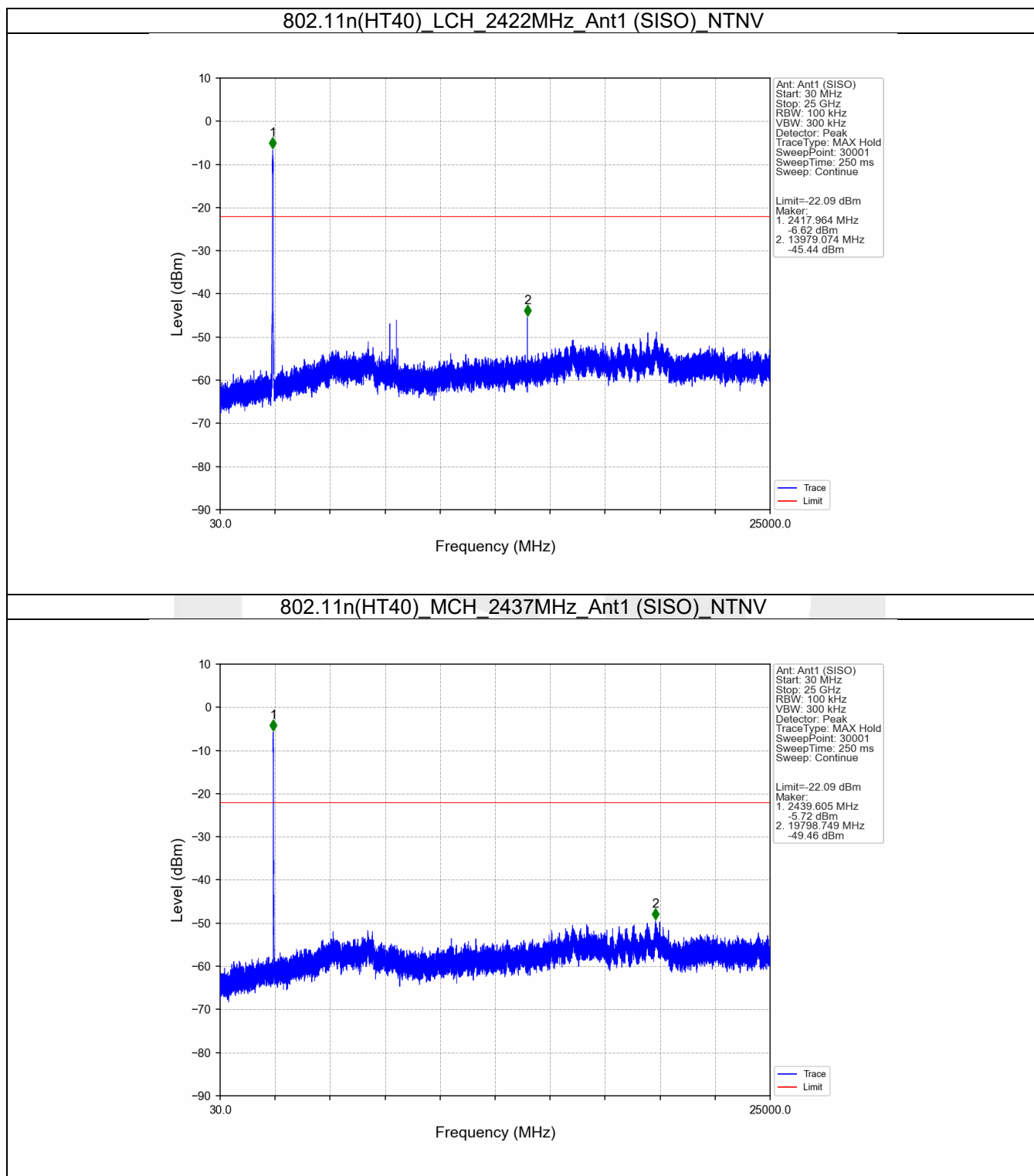


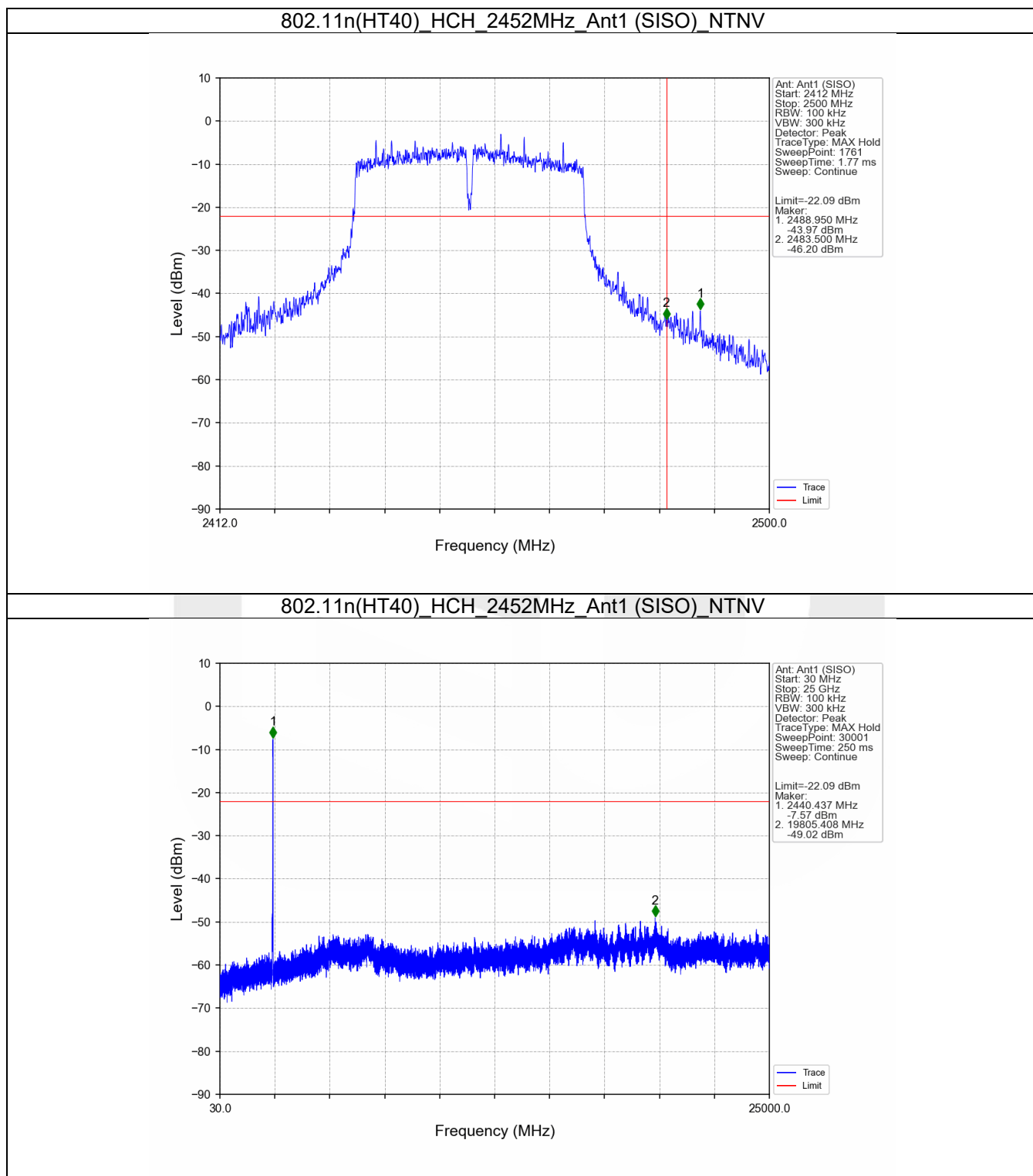


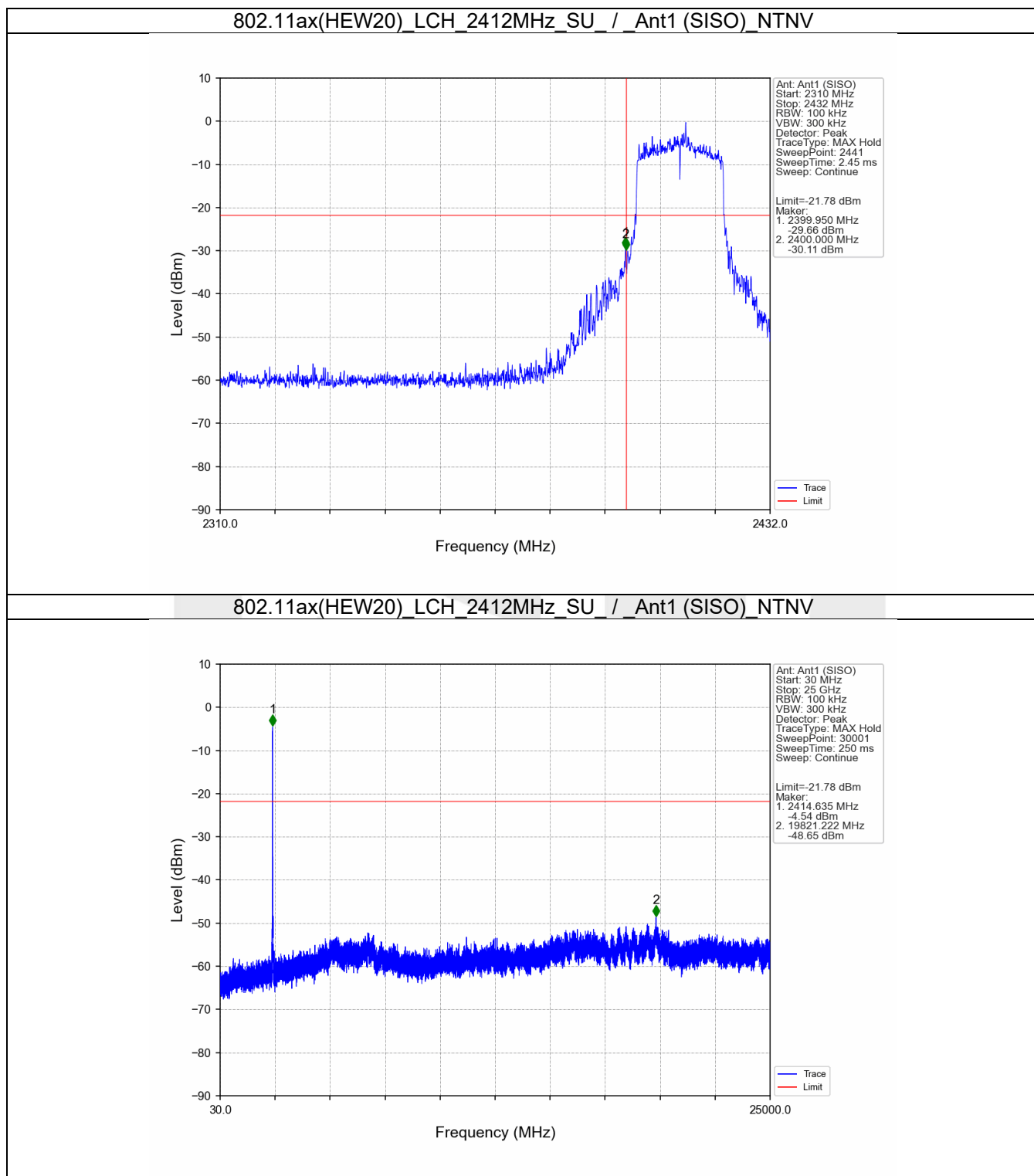


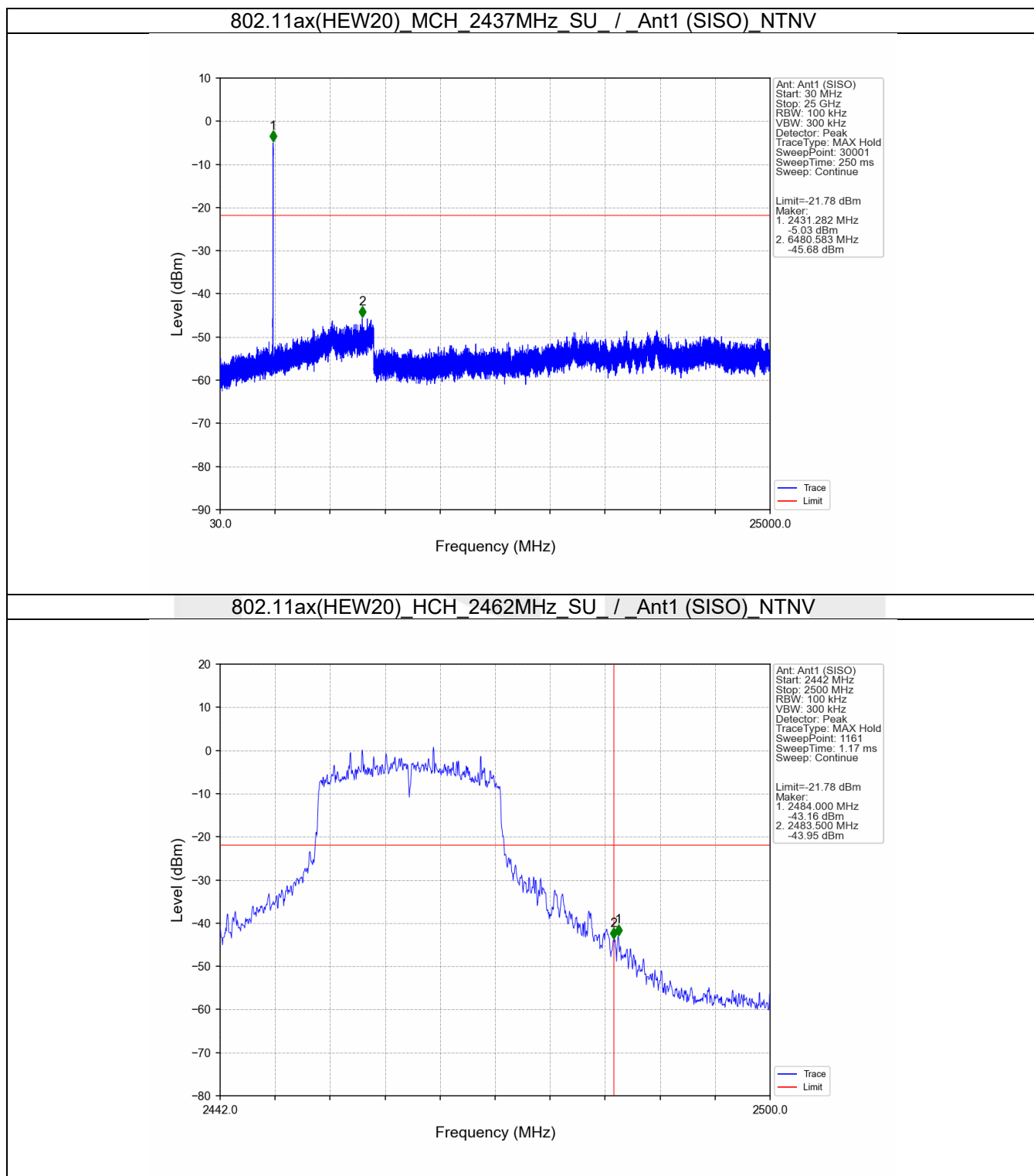


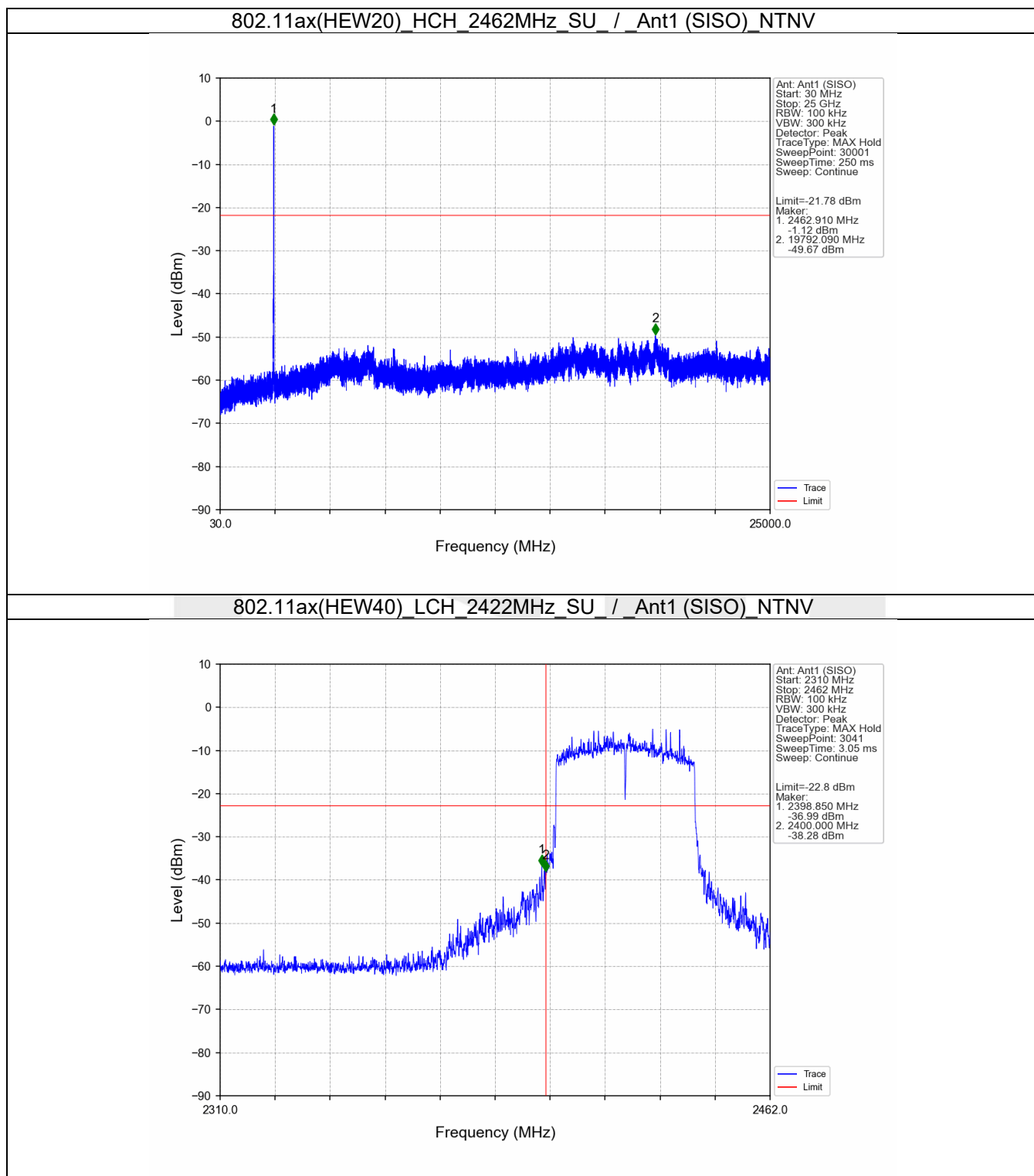


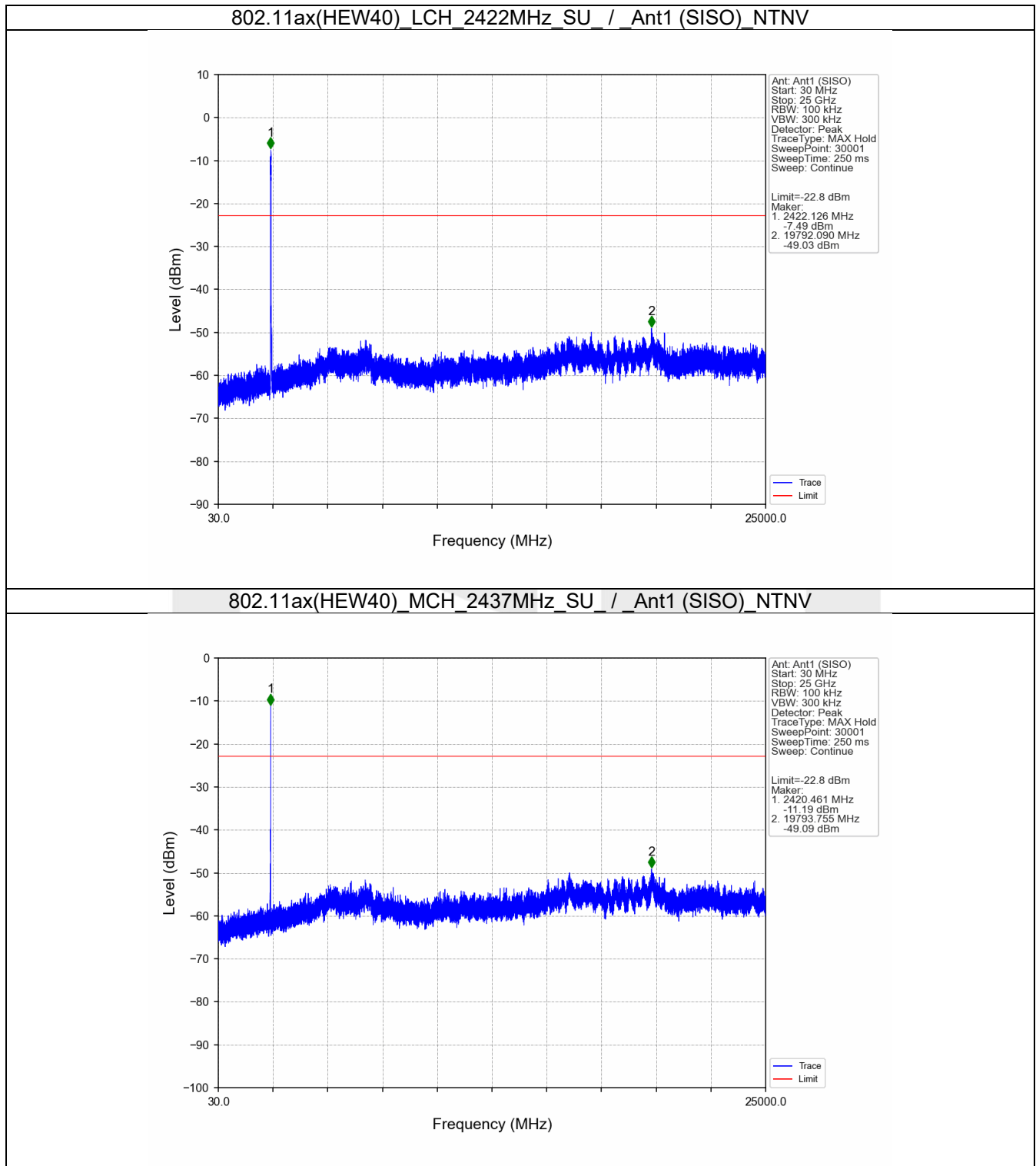


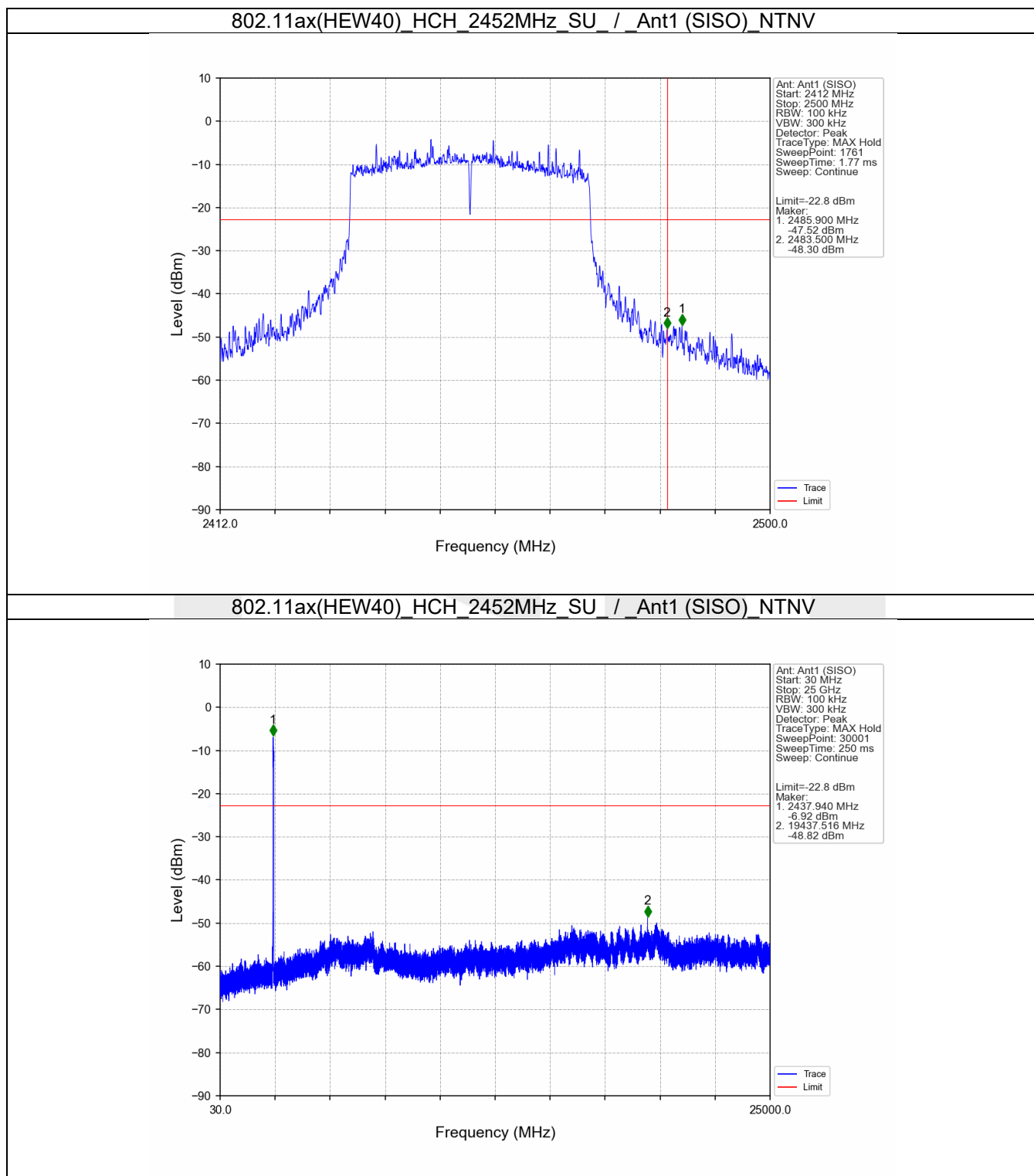












----- End of Report -----