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Test report No:
2510414R-RF-US-P06V01

FCC&IC TEST REPORT

Product Name	Level Lock Pro
Trademark	level
Model and /or type reference	D2,D4
FCC ID	2ATIO6
IC	27158-6
Applicant's name / address	Level Home Inc. 935 Main St Redwood City, CA 94063, United States of America
Test method requested, standard	47 CFR FCC Part 15 (Section 15.225) ANSI C63.10: 2013 RSS-210 Issue 11 RSS-Gen Issue 5
Verdict Summary	IN COMPLIANCE
Documented by (name / position & signature)	Jun Xu/ Project Manager
Approved by (name / position & signature)	Jack Zhang/ Manager
Date of issue	2025-02-26
Report Version	V1.0
Report template No	Template_FCC 15.225-RF-V1.0

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COMPETENCES AND GUARANTEES

DEKRA is a testing laboratory competent to carry out the tests described in this report.
In order to assure the traceability to other national and international laboratories, DEKRA has a calibration and maintenance program for its measurement equipment.

DEKRA guarantees the reliability of the data presented in this report, which is the result of the measurements and the tests performed to the item under test on the date and under the conditions stated in the report and it is based on the knowledge and technical facilities available at DEKRA at the time of performance of the test.

DEKRA is liable to the client for the maintenance of the confidentiality of all information related to the item under test and the results of the test.

The results presented in this Test Report apply only to the particular item under test established in this document.

IMPORTANT: No parts of this report may be reproduced or quoted out of context, in any form or by any means, except in full, without the previous written permission of DEKRA.

GENERAL CONDITIONS

Test Location	No. 99, Hongye Road, Suzhou Industrial Park Suzhou, 215006, P.R. China
Date(receive sample)	Jan. 14, 2025
Date (start test)	Jan. 15, 2025
Date (finish test)	Feb. 14, 2025

1. This report is only referred to the item that has undergone the test.
2. This report does not constitute or imply on its own an approval of the product by the Certification Bodies or Competent Authorities.
3. This document is only valid if complete; no partial reproduction can be made without previous written permission of DEKRA.
4. This test report cannot be used partially or in full for publicity and/or promotional purposes without previous written permission of DEKRA.

ENVIRONMENTAL CONDITIONS

The climatic conditions during the tests are within the limits specified by the manufacturer for the operation of the EUT and the test equipment. The climatic conditions during the tests were within the following limits:

Ambient temperature	15 °C – 35 °C
Relative Humidity air	30% - 60%

If explicitly required in the basic standard or applied product / product family standard the climatic values are recorded and documented separately in this test report.

POSSIBLE TEST CASE VERDICTS

Test case does not apply to test object	N/A
Test object does meet requirement	P (Pass) / PASS
Test object does not meet requirement	F (Fail) / FAIL
Not measured	N/M

ABBREVIATIONS

For the purposes of the present document, the following abbreviations apply:

EUT : Equipment Under Test
QP : Quasi-Peak
CAV : CISPR Average
AV : Average
CDN : Coupling Decoupling Network
SAC : Semi-Anechoic Chamber
OATS : Open Area Test Site
BW : Bandwidth
AM : Amplitude Modulation
PM : Pulse Modulation
HCP : Horizontal Coupling Plane
VCP : Vertical Coupling Plane
U_N : Nominal voltage
*T*x : Transmitter
*R*x : Receiver
N/A : Not Applicable
N/M : Not Measured

DOCUMENT HISTORY

Report No.	Version	Description	Issued Date
2510414R-RF-US-P06V01	V1.0	Initial issue of report.	2025-02-26

REMARKS AND COMMENTS

1. The equipment under test (EUT) does meet the essential requirements of the stated standard(s)/test(s).
2. These test results on a sample of the device are for the purpose of demonstrating Compliance with 47 CFR FCC Part 15 (Section 15.225) and RSS-210 Issue 11, RSS-Gen Issue 5.
3. The measurement result is considered in conformance with the requirement if it is within the prescribed limit, It is not necessary to account the uncertainty associated with the measurement result.
4. The test results presented in this report relate only to the object tested.
5. The test report shall not be reproduced without the written approval of DEKRA Testing and Certification (Suzhou) Co., Ltd.
6. This report will not be used for social proof function in China market.
7. DEKRA declines any responsibility with the following test data provided by customer that may affect the validity of result:
    - Chapter 1.1 General Description of the Item(s);
    - Chapter 1.2 Antenna Informaion;
    - Chapter 1.3 Channel List.

USED EQUIPMENT

Field Strength of Fundamental, E-field Emission/ Field Strength of Spurious/ Frequency Stability/ Emission Bandwidth (9KHz-1GHz) / AC2

Instrument	Manufacturer	Model No.	Serial No.	Cal. Date	Next Cal. Date	Firmware Versiom	Software version
EMI Test Receiver	R&S	ESCI	100573	2024.02.06	2025.02.05	4.42 SP3	N/A
EMI Test Receiver	R&S	ESCI	100573	2025.01.11	2026.01.10	4.42 SP3	N/A
EXA Spectrum Analyzer	Keysight	N9020B	MY60112218	2024.11.02	2025.11.01	A.31.05	N/A
Loop Antenna	R&S	HFH2-Z2E	101149	2024.03.27	2025.03.26	N/A	N/A
Bilog Antenna	Teseq GmbH	CBL6112D	27611	2024.03.20	2025.03.19	N/A	N/A
Temperature/Humidity Meter	RTS	RTS-8S	AC2-TH	2024.05.17	2025.05.16	N/A	N/A
Coaxial Cable	Huber+Suhner	RTS-1909	THM-021	2024.04.27	2025.04.26	N/A	N/A
Dekra test software	Dekra	N/A	N/A	N/A	N/A	N/A	3

UNCERTAINTY

Uncertainties have been calculated according to the DEKRA internal document. The reported expanded uncertainties are based on a standard uncertainty multiplied by a coverage factor of k=2, providing a level of confidence of approximately 95%.

Test item	Uncertainty
AC Power Line Conducted Emission	± 2.02 dB
Radiated Emission(9KHz~30MHz)	Horizontal: 9KHz~30MHz: 2.10 dB Vertical: 30MHz~200MHz: 2.30 dB
Radiated Emission(30MHz~1GHz)	± 3.80 dB
Occupied Bandwidth	± 1kHz

1 GENERAL INFORMATION

1.1 General Description of the Item(s)

Product Name.....:	Level Lock Pro
Model No. .....:	D2,D4
Trademark. .....:	level
FCC ID.....:	2ATIO6
IC .....:	27158-6
Manufacturer.....:	Level Home Inc.
Manufacturer Address .....:	935 Main St Redwood City, CA 94063, United States of America
Factory.....:	GOERTEK TECHNOLOGY VINA CO.,LTD
Factory Address.....:	Lot N-1 Que Vo Industrial park (Expansion zone), Nam Son ward, Bac Ninh city, Bac Ninh province, Vietnam.
Model difference .....:	Only the color is different, everything else is exactly the same.

Wireless Specification.....:	NFC
Operating frequency range(s).....:	13.56 MHz
Type of modulation .....:	ASK
Number of channel .....:	1

Rated power supply.....:	Voltage and Frequency	
	☐	AC: 220 - 240 V, 50/60 Hz
	☐	AC: 110-130 V, 50/60 Hz, 13.5W
	☐	DC: 24 Vdc
	☒	Battery: 3.0V
	☐	Adapter:
Mounting position.....:	☐	Tabletop equipment
	☒	Door mounted equipment
	☐	Floor standing equipment
	☐	Hand-held/Portable equipment
	☐	Other:

1.2. Antenna information

Antenna model.....:	N/A			
Antenna Delivery .....:	☒	1TX + 1RX		
	☐	2TX + 2RX		
	☐	Others:……		
Antenna technology.....:	☒	SISO		
	☐	MIMO	☐	CDD
			☐	Beam-forming
Antenna Type .....:	☐	External	☐	Dipole
			☐	Sectorized
	☒	Internal	☐	Ceramic Chip
			☐	PIFA
			☒	LOOP
			☐	Others:
Antenna Gain.....:	N/A			

1.3. Channel List

Frequency of Each Channel:							
Channel	Frequency	Channel	Frequency	Channel	Frequency	Channel	Frequency
01	13.56 MHz	--	--	--	--	--	--

Note: The general description of the Item(s), antenna information and channel list in clause 1 are provided and confirmed by the client.

2 DESCRIPTION OF TEST SETUP

2.1 Operating mode(s) used for tests

During the tests the following operating mode(s) has(have) been used.

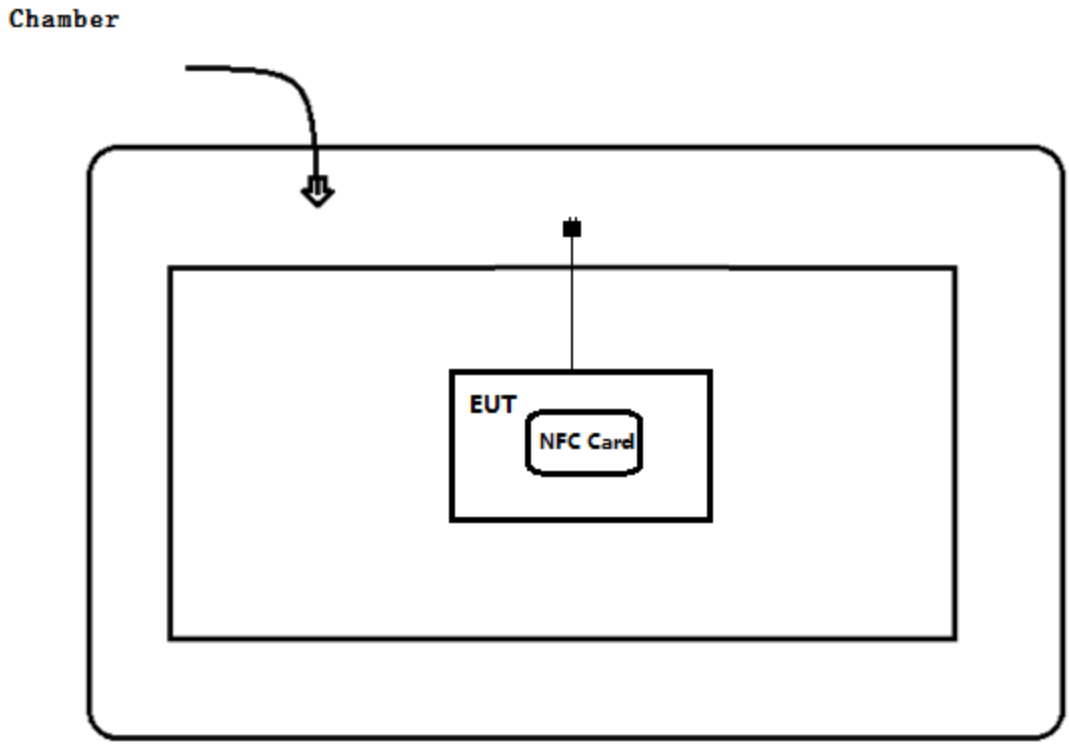
Test Mode	Mode 1: Transmit by NFC

2.2 Support / Auxiliary equipment / unit / Test software for the EUT

Auxiliary equipment	Type / Version	Manufacturer	Supplied by
NFC Card	N/A	N/A	N/A
software	Type / Version	Manufacturer	Supplied by
N/A	N/A	N/A	N/A

2.3 Test Configuration / Block diagram used for tests

Test setup Diagram- Radiated Emission



2.4 Testing process

1	Setup the EUT as shown in Section 2.3.
2	Execute the power on the EUT.
3	Verify that the EUT works properly.

3 VERDICT SUMMARY SECTION

This chapter presents an overview of standards and results. Refer to the next chapters for details of measured test results and applied test levels.

3.1 Standards

Standard	Year	Description
FCC CFR Title 47 Part 15 Subpart C Section 15.225	2024	Operation within the band 13.110-14.010 MHz
RSS-210 Issue 11	2024	Band 13.110-14.010 MHz
ANSI C63.10	2013	American National Standard of Procedures for Compliance Testing of Unlicensed Wireless Devices
RSS-Gen Issue 5 Amendment 2	2021	General Requirements forCompliance of Radio Apparatus

3.2 Overview of results

For FCC

Requirement – Test case	Basic standard(s)	Verdict	Remark
AC Power Line Conducted Emission	FCC CFR Title 47 Part 15 Subpart C Section 15.207	N/A	Not applicable, EUT is battery powered.
Field Strength of Fundamental, E-field Emission	FCC CFR Title 47 Part 15 Subpart C Section 15.225(a)(b)(c)	PASS	Test data please refer to **Appendix A**
Field Strength of Spurious	FCC CFR Title 47 Part 15 Subpart C Section 15.209 & 15.225(d)	PASS	Test data please refer to **Appendix B**
Emission Bandwidth	FCC CFR Title 47 Part 15 Subpart C Section 15.215(c)	PASS	Test data please refer to **Appendix C**
Frequency Stability	FCC CFR Title 47 Part 15 Subpart C Section 15.225(e)	PASS	Test data please refer to **Appendix D**
Antenna Requirement	FCC CFR Title 47 Part 15 Subpart C Section 15.203	PASS	---

For ISED

Requirement – Test case	Basic standard(s)	Verdict	Remark
AC Power Line Conducted Emission	RSS-Gen Issue 5 Section 8.8	N/A	Not applicable, EUT is battery powered.
Field Strength of Fundamental, E-field Emission	RSS-210 Issue 11 Section B.6	PASS	Test data please refer to **Appendix A**
Field Strength of Spurious	RSS-210 Issue 11, Section B.6 RSS-Gen Issue 5, Section 8.9	PASS	Test data please refer to **Appendix B**
Emission Bandwidth	RSS-Gen Section 6.7	PASS	Test data please refer to **Appendix C**
Frequency Stability	RSS-210 Issue 11 Section B.6	PASS	Test data please refer to **Appendix D**
Antenna Requirement	RSS-Gen Section 8.3	PASS	---

3.3 Test Matrix

Test item	Model: D4
	1(#1)
E-field Emission	☒
Field Strength of Spurious	☒
Frequency Stability	☒
Emission Bandwidth	☒
Field Strength of Fundamental	☒

3.4 Test Facility

USA	**:**	**FCC Designation Number: CN1199**
Canada	**:**	**CAB identifier Number: CN0040**

4 TEST RESULTS

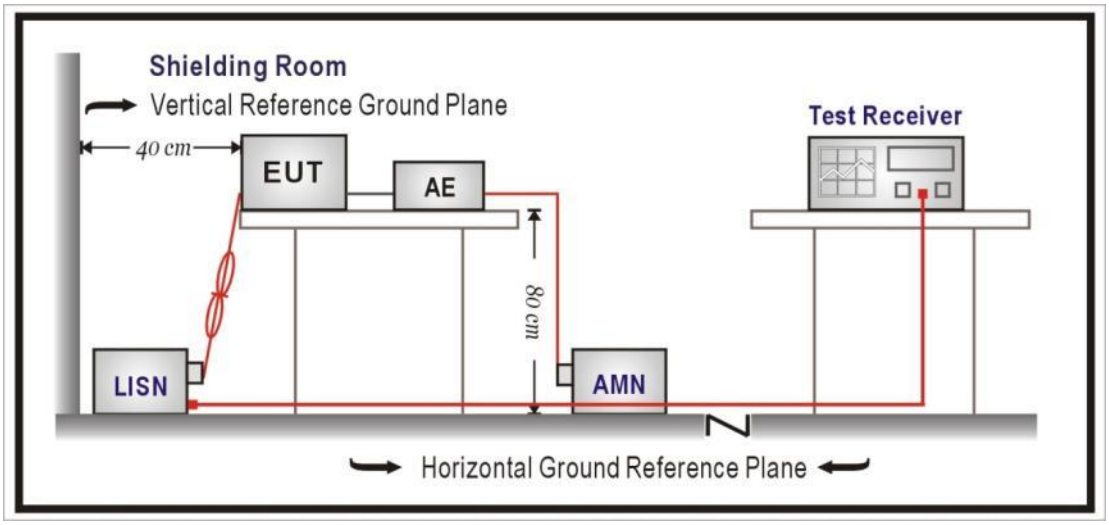
4.1 AC Power Line Conducted Emission	VERDICT: N/A

4.1.1 Limit

Standard	FCC Part 15 Subpart C Paragraph 15.207; RSS-Gen Issue 5 Section 8.8	
Frequency range [MHz]	Limit: QP [dB(μV)[1)]]	Limit: AV [dB(μV) [1)]]
0,15 - 0,50	66 – 56 [2)]	56 - 46 [2)]
0,50 - 5,0	56	46
5,0 - 30	60	50

[1)] At the transition frequency, the lower limit applies.
[2)] The limit decreases linearly with the logarithm of the frequency.
NOTE 1: The exclusion band for transmitters shall be considered for transmitters operating at frequencies below 30 MHz.
NOTE 2: Where the AC output port is directly connected (or via a circuit breaker) to the AC power input port of the EUT the AC power output port need not to be tested.

4.1.2 Test Setup



4.1.3 Test Procedure

	References Rule	Chapter	Item
☐	ANSI C63.10	6.2	Standard test method for ac power-line conducted emissions from unlicensed wireless devices

4.2 E-field Emission	VERDICT: PASS

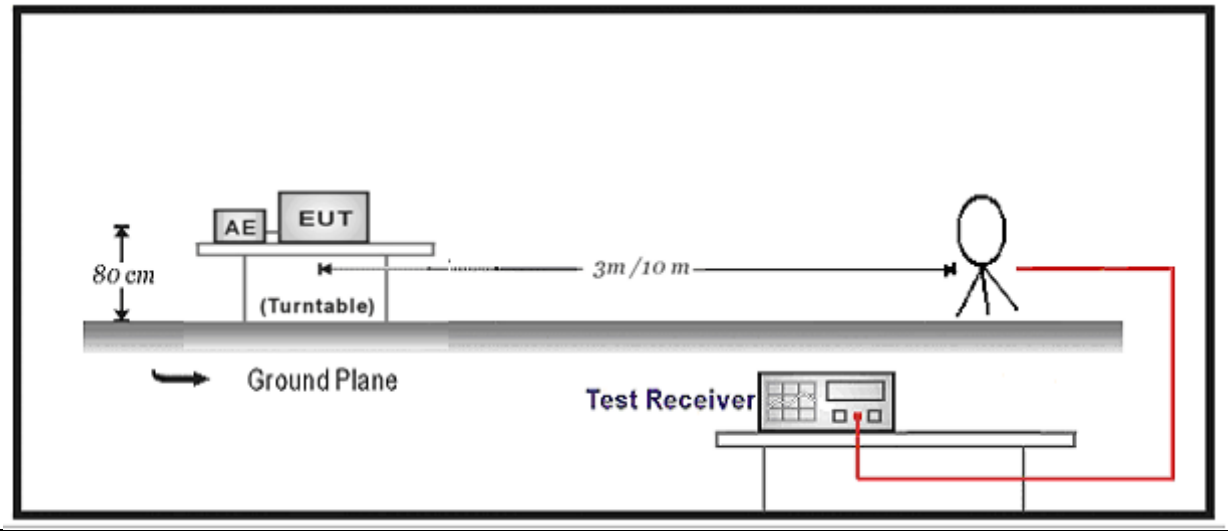
4.2.1 Limit

Standard	FCC Part 15 Subpart C Paragraph 15.225; RSS-210 Issue 11 Section B.6

(a) The field strength of any emissions within the band 13.553-13.567 MHz shall not exceed 15,848 microvolts/meter at 30 meters.
(b) Within the bands 13.410-13.553 MHz and 13.567-13.710 MHz, the field strength of any emissions shall not exceed 334 microvolts/meter at 30 meters.
(c) Within the bands 13.110-13.410 MHz and 13.710-14.010 MHz the field strength of any emissions shall not exceed 106 microvolts/meter at 30 meters.
(d) The field strength of any emissions appearing outside of the 13.110-14.010 MHz band shall not exceed the general radiated emission limits in §15.209.

4.2.2 Test Setup

Below 30MHz Test Setup:



4.2.3 Test Procedure

	References Rule		Chapter	Description
	☒	ANSI C63.10	6.4	Radiated emissions from unlicensed wireless devices below 30 MHz
	☐	ANSI C63.10	6.5	Radiated emissions from unlicensed wireless devices in the frequency range of 30 MHz to 1000 MHz
	☐	ANSI C63.10	6.6	Radiated emissions from unlicensed wireless devices above 1 GHz

4.3 Field Strength of Spurious — VERDICT: PASS

4.3.1 Limit

Standard	FCC Part 15 Subpart C Paragraph 15. 209; RSS-210 Issue 11, Section B.6 RSS-Gen Issue 5, Section 8.9

Restricted Band Emissions Limit

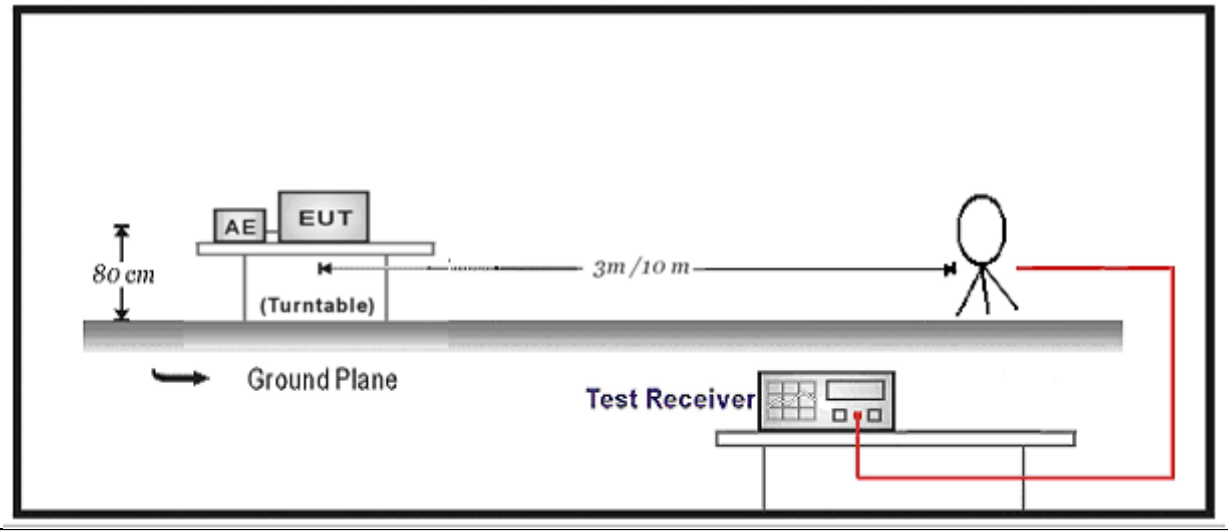
Frequency (MHz)	Field strength (μ V/m)	Field strength (dB μ V/m)	Measurement distance (m)
0.009 - 0.49	2400/F(kHz)	48.5 – 13.8	300(Note 1)
0.49 - 1.705	24000/F(kHz)	33.8 - 23	30(Note 1)
1.705 - 30	30	29.5	30(Note 1)
30 - 88	100	40	3(Note 2)
88 - 216	150	43.5	3(Note 2)
216 - 960	200	46	3(Note 2)
Above 960	500	54	3(Note 2)

Note 1: At frequencies below 30 MHz, measurements may be performed at a distance closer than that specified in the regulations; however, an attempt should be made to avoid making measurements in the near field. Pending the development of an appropriate measurement procedure for measurements performed below 30 MHz, when performing measurements at a closer distance than specified, the results shall be extrapolated to the specified distance by either making measurements at a minimum of two distances on at least one radial to determine the proper extrapolation factor or by using the square of an inverse linear distance extrapolation factor (40 dB/decade).

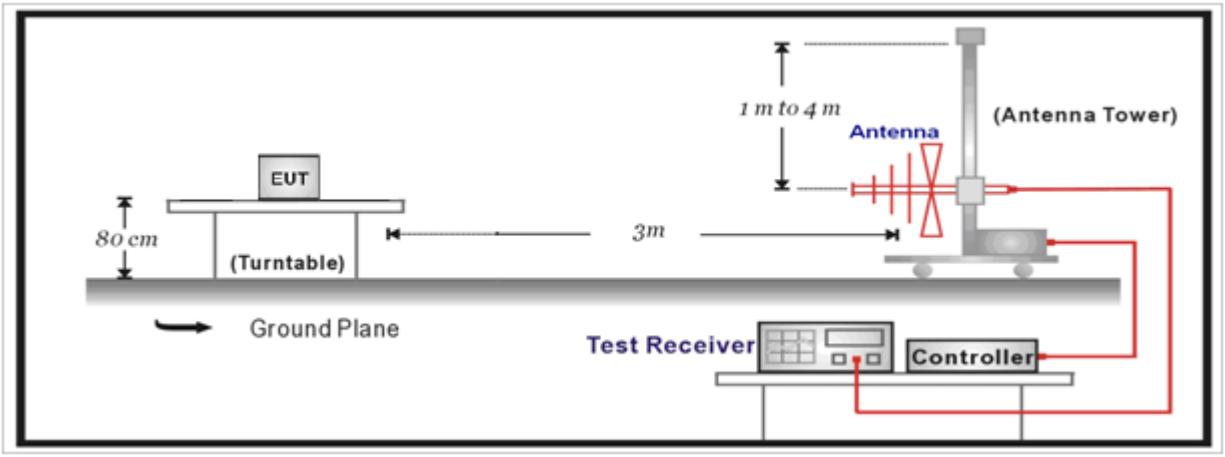
Note 2: At frequencies at or above 30 MHz, measurements may be performed at a distance other than what is specified provided: measurements are not made in the near field except where it can be shown that near field measurements are appropriate due to the characteristics of the device; and it can be demonstrated that the signal levels needed to be measured at the distance employed can be detected by the measurement equipment. Measurements shall not be performed at a distance greater than 30 meters unless it can be further demonstrated that measurements at a distance of 30 meters or less are impractical. When performing measurements at a distance other than that specified, the results shall be extrapolated to the specified distance using an extrapolation factor of 20 dB/decade (inverse linear-distance for field strength measurements; inverse-linear-distance-squared for power density measurements).

4.3.2 Test Setup

Below 30MHz Test Setup:



30MHz-1GHz Test Setup:



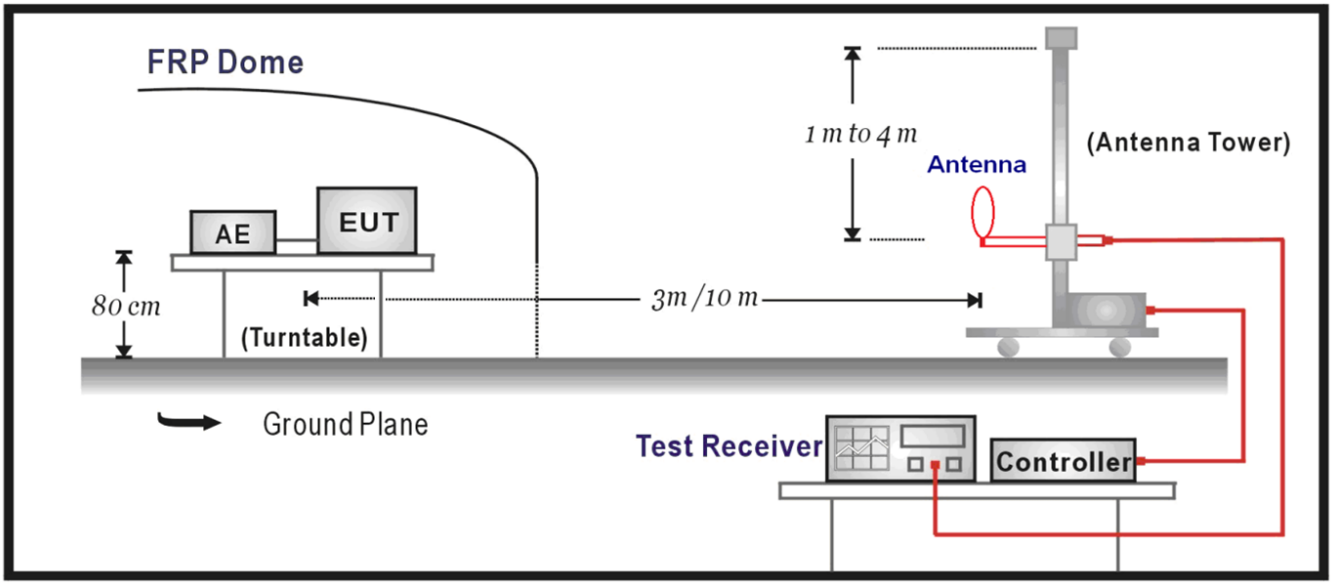
4.3.3 Test Procedure

	References Rule		Chapter	Description
	☒	ANSI C63.10	6.4	Radiated emissions from unlicensed wireless devices below 30 MHz
	☒	ANSI C63.10	6.5	Radiated emissions from unlicensed wireless devices in the frequency range of 30 MHz to 1000 MHz
	☐	ANSI C63.10	6.6	Radiated emissions from unlicensed wireless devices above 1 GHz

4.4 Emission bandwidth	VERDICT: PASS

4.4.1 Limit	
Standard	FCC Part 15 Subpart C Paragraph 15.215; RSS-Gen Section 6.7
Within the band.	

4.4.2 Test Setup



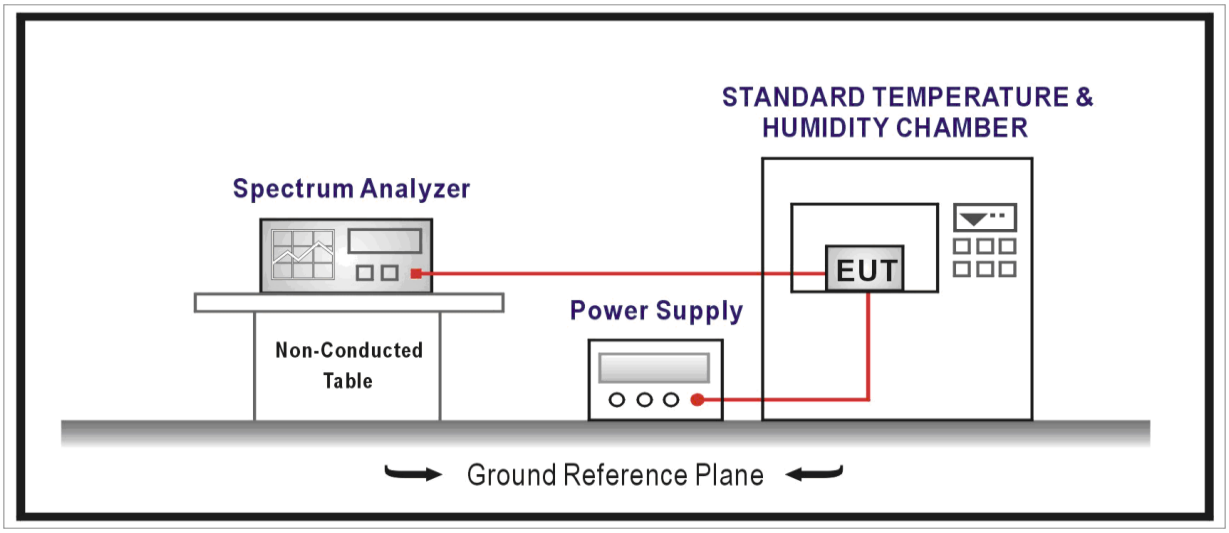
4.4.3 Test Procedure

	Reference Rule	Chapter	Description
☒	ANSI C63.10	6.9.2	Occupied bandwidth—relative measurement procedure

4.5 Frequency Stability	VERDICT: PASS

4.5.1 Limit:	
Standard	FCC Part 15 Subpart C Paragraph 15.225(e); RSS-210 Issue 11 Section B.6
☒	The frequency tolerance of the carrier signal shall be maintained within ±0.01% of the operating frequency over a temperature variation of −20 degrees to + 50 degrees C at normal supply voltage, and for a variation in the primary supply voltage from 85% to 115% of the rated supply voltage at a temperature of 20 degrees C. For battery operated equipment, the equipment tests shall be performed using a new battery.

4.5.2 Test Setup



4.5.3 Test Procedure

	References Rule		Chapter	Description
☒	ANSI C63.10		6.8	Frequency stability tests
	☒	ANSI C63.10	6.8.1	Frequency stability with respect to ambient temperature
	☒	ANSI C63.10	6.8.2	Frequency stability when varying supply voltage

4.6 Antenna Requirement	VERDICT: PASS

4.6.1 Limit:	
Standard	FCC Part 15 Subpart E Paragraph 15.203
An intentional radiator shall be designed to ensure that no antenna other than that furnished by the responsible party shall be used with the device. The use of a permanently attached antenna or of an antenna that uses a unique coupling to the intentional radiator shall be considered sufficient to comply with the provisions of this section. The manufacturer may design the unit so that a broken antenna can be replaced by the user, but the use of a standard antenna jack or electrical connector is prohibited. This requirement does not apply to carrier current devices or to devices operated under the provisions of §15.211, §15.213, §15.217, §15.219, or §15.221. Further, this requirement does not apply to intentional radiators that must be professionally installed, such as perimeter protection systems and some field disturbance sensors, or to other intentional radiators which, in accordance with §15.31(d), must be measured at the installation site. However, the installer shall be responsible for ensuring that the proper antenna is employed so that the limits in this part are not exceeded.	

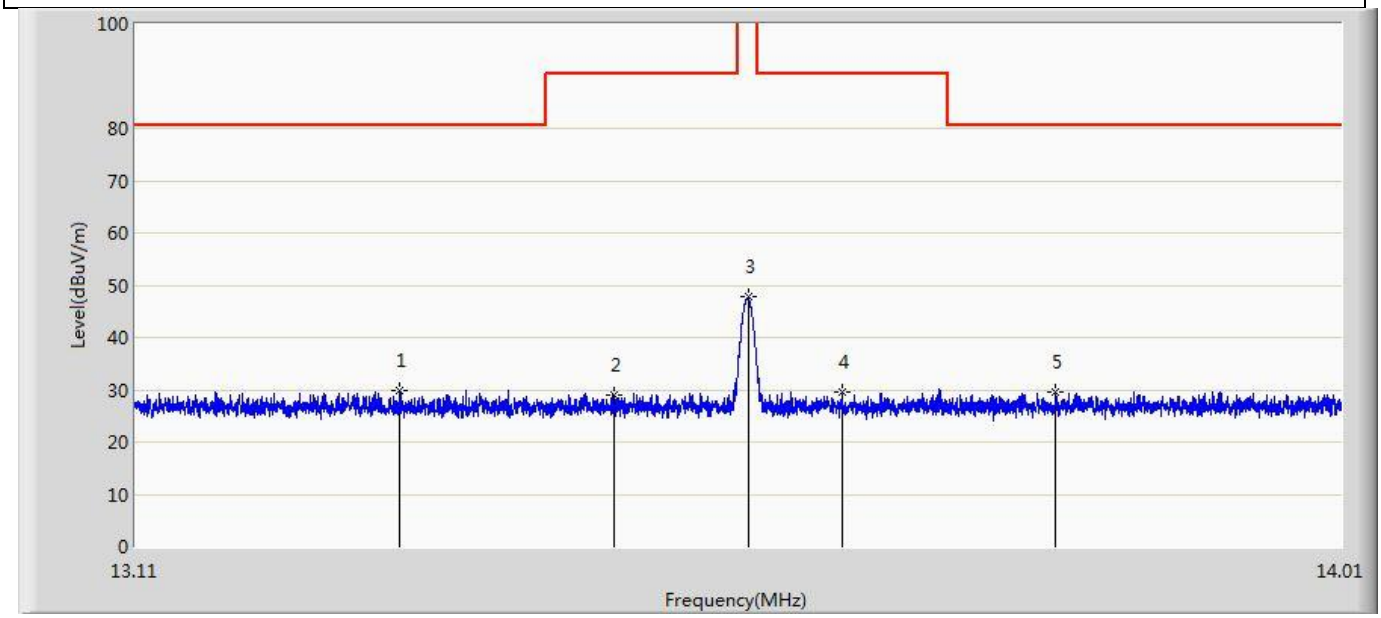
4.6.2 Antenna Connector Construction:	
☒	The use of a permanently attached antenna
☐	The antenna use of a unique coupling to the intentional radiator
☐	The use of a nonstandard antenna jack or electrical connector
Please refer to the attached document “Internal Photograph” to show the antenna connector.	

5 TEST SETUP PHOTO AND EUT PHOTO	VERDICT: PASS

Remark: The test setup photo and EUT Photo please see appendix.

Appendix A: E-field Emission

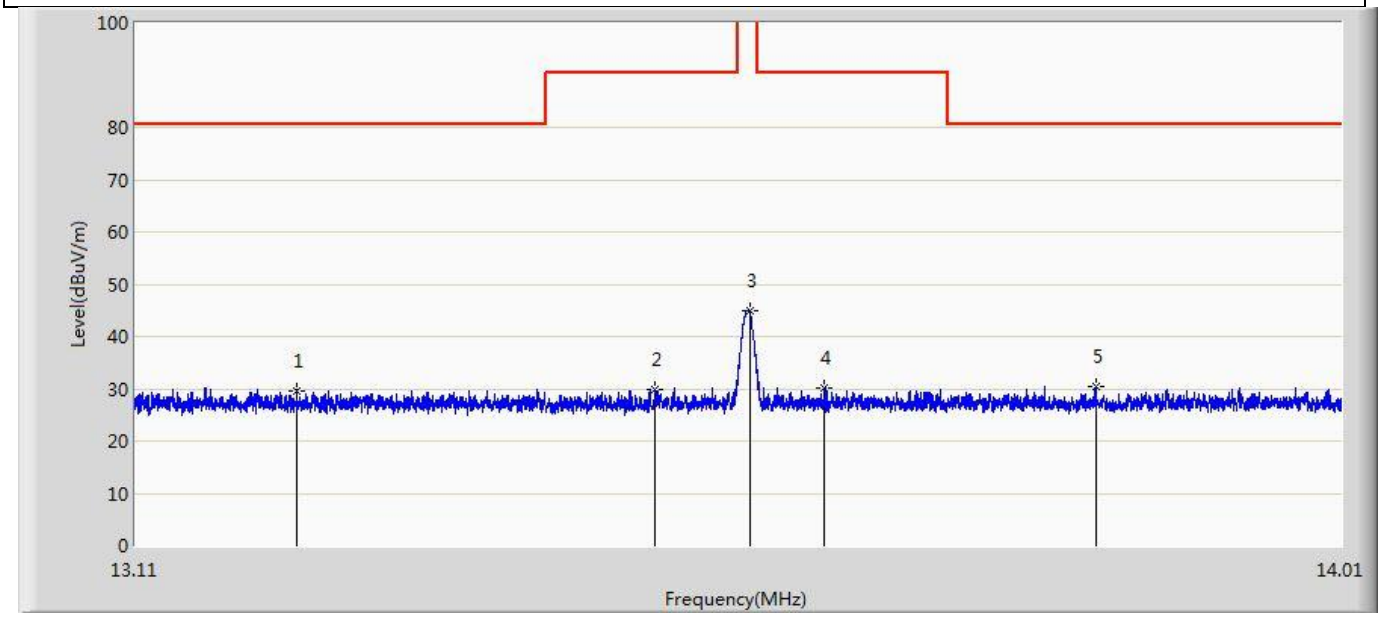
Profile: 2510414R	Page No.: 7
Engineer: Yuliu	
Site: AC2	Time: 2025/02/13 - 14:09
Limit: FCC-15.225-E-field Emission	Margin: 0
Probe: RF(0.009-30MHz)	Polarity: X
EUT: Level Lock Pro	Power: By Battery
Note: Mode 1: Transmit by NFC	



No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1	*	13.302	29.790	8.769	-50.710	80.500	21.021	QP
2		13.460	28.869	7.830	-61.631	90.500	21.039	QP
3		13.560	47.720	26.668	-76.280	124.000	21.052	QP
4		13.630	29.510	8.446	-60.990	90.500	21.065	QP
5		13.791	29.449	8.365	-51.051	80.500	21.084	QP

Note : Measurement Level = Reading Level + Factor(Probe+Cable-Amp).

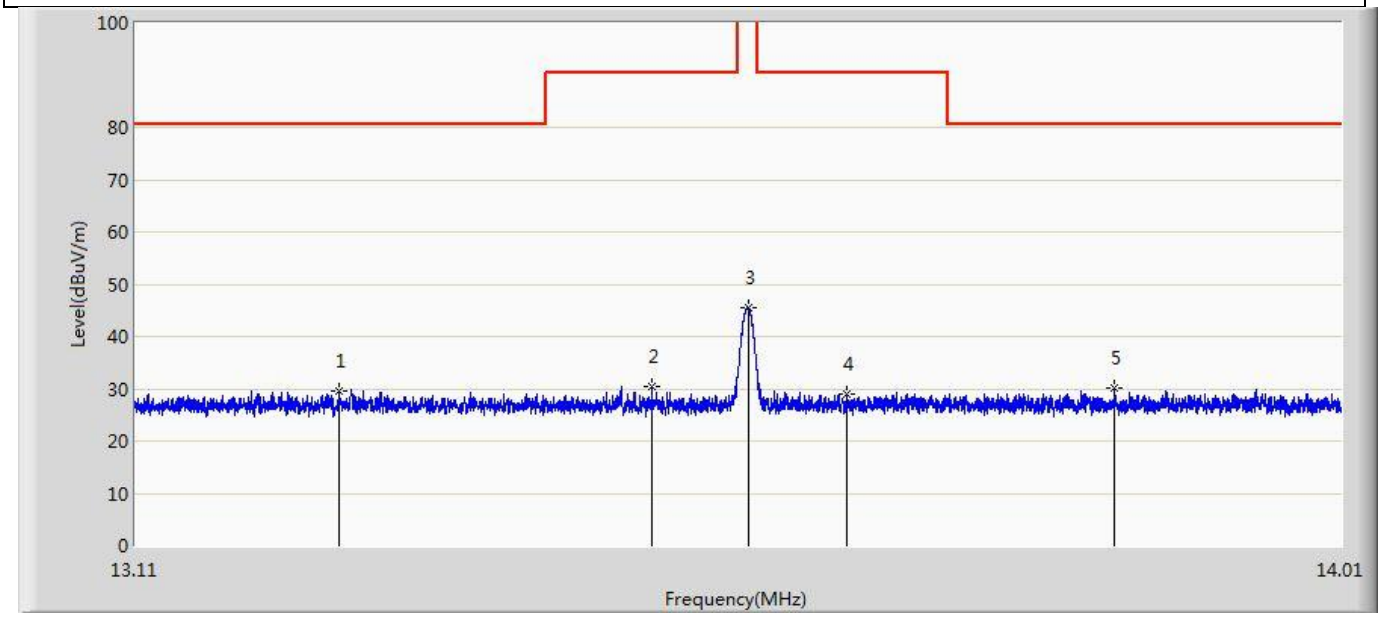
Profile: 2510414R	Page No.: 8
Engineer: Yuliu	
Site: AC2	Time: 2025/02/13 - 14:11
Limit: FCC-15.225-E-field Emission	Margin: 0
Probe: RF(0.009-30MHz)	Polarity: Y
EUT: Level Lock Pro	Power: By Battery
Note: Mode 1: Transmit by NFC	



No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		13.227	29.699	8.691	-50.801	80.500	21.008	QP
2		13.491	29.991	8.946	-60.509	90.500	21.045	QP
3		13.561	44.888	23.836	-79.112	124.000	21.052	QP
4		13.617	30.069	9.006	-60.431	90.500	21.063	QP
5	*	13.822	30.436	9.347	-50.064	80.500	21.089	QP

Note : Measurement Level = Reading Level + Factor(Probe+Cable-Amp).

Profile: 2510414R	Page No.: 9
Engineer: Yuliu	
Site: AC2	Time: 2025/02/13 - 14:12
Limit: FCC-15.225-E-field Emission	Margin: 0
Probe: RF(0.009-30MHz)	Polarity: Z
EUT: Level Lock Pro	Power: By Battery
Note: Mode 1: Transmit by NFC	

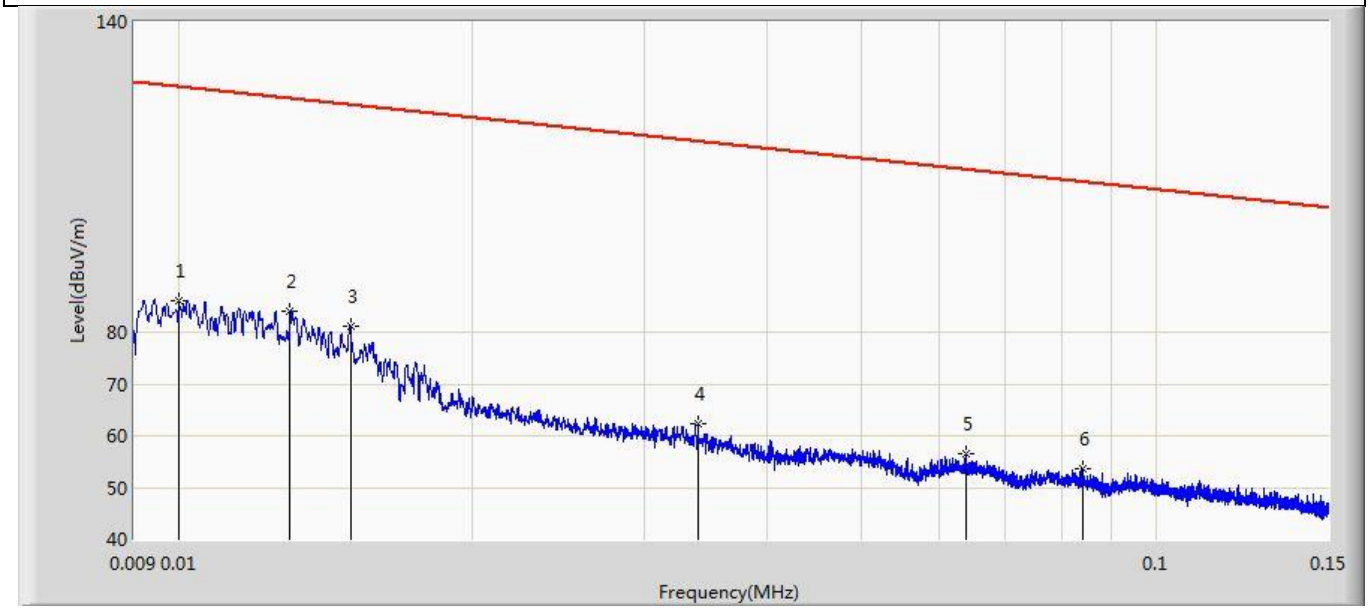


No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		13.258	29.696	8.681	-50.804	80.500	21.015	QP
2		13.488	30.554	9.510	-59.946	90.500	21.043	QP
3		13.560	45.366	24.314	-78.634	124.000	21.052	QP
4		13.634	28.924	7.859	-61.576	90.500	21.065	QP
5	*	13.836	30.148	9.055	-50.352	80.500	21.093	QP

Note : Measurement Level = Reading Level + Factor(Probe+Cable-Amp).

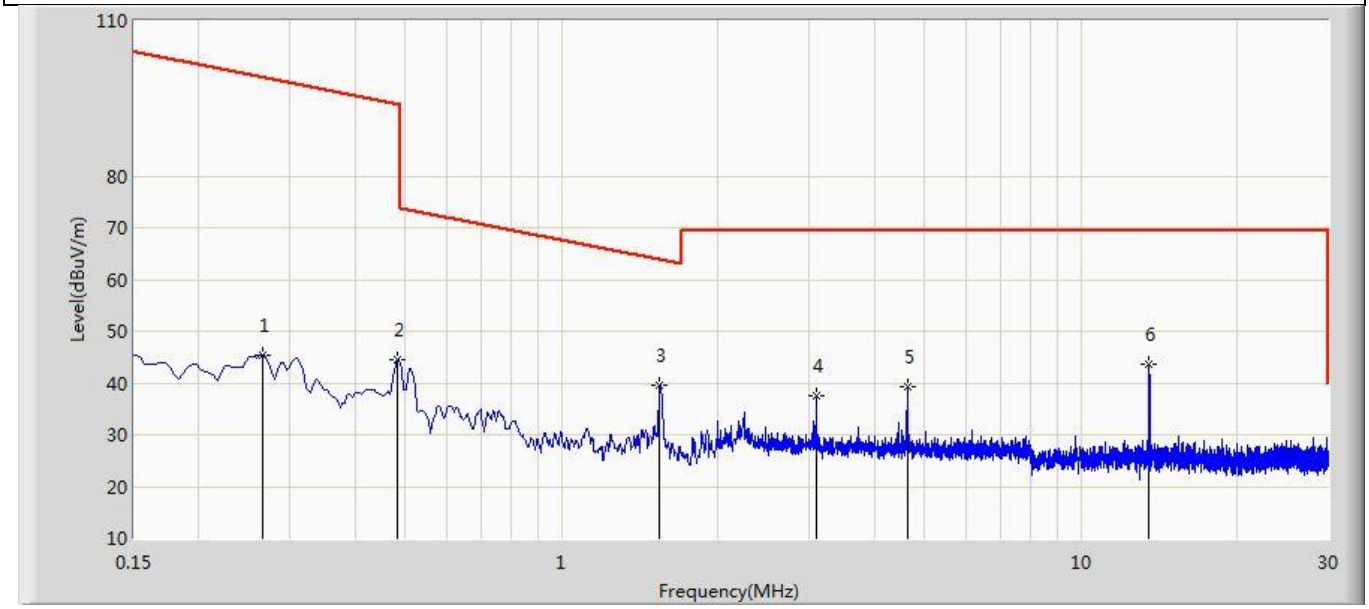
Appendix B: Field Strength of Spurious

Profile: 2510414R	Page No.: 1
Engineer: Yuliu	
Site: AC2	Time: 2025/02/13 - 13:50
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: RF(0.009-30MHz)	Polarity: X
EUT: Level Lock Pro	Power: By Battery
Note: Mode 1: Transmit by NFC	



No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		0.010	86.213	65.151	-41.372	127.585	21.062	PK
2	*	0.013	83.973	62.817	-41.335	125.308	21.155	PK
3		0.015	81.038	59.820	-43.028	124.065	21.218	PK
4		0.034	62.367	40.560	-54.594	116.962	21.808	PK
5		0.064	56.414	34.479	-55.057	111.471	21.935	PK
6		0.084	53.727	31.815	-55.383	109.110	21.912	PK

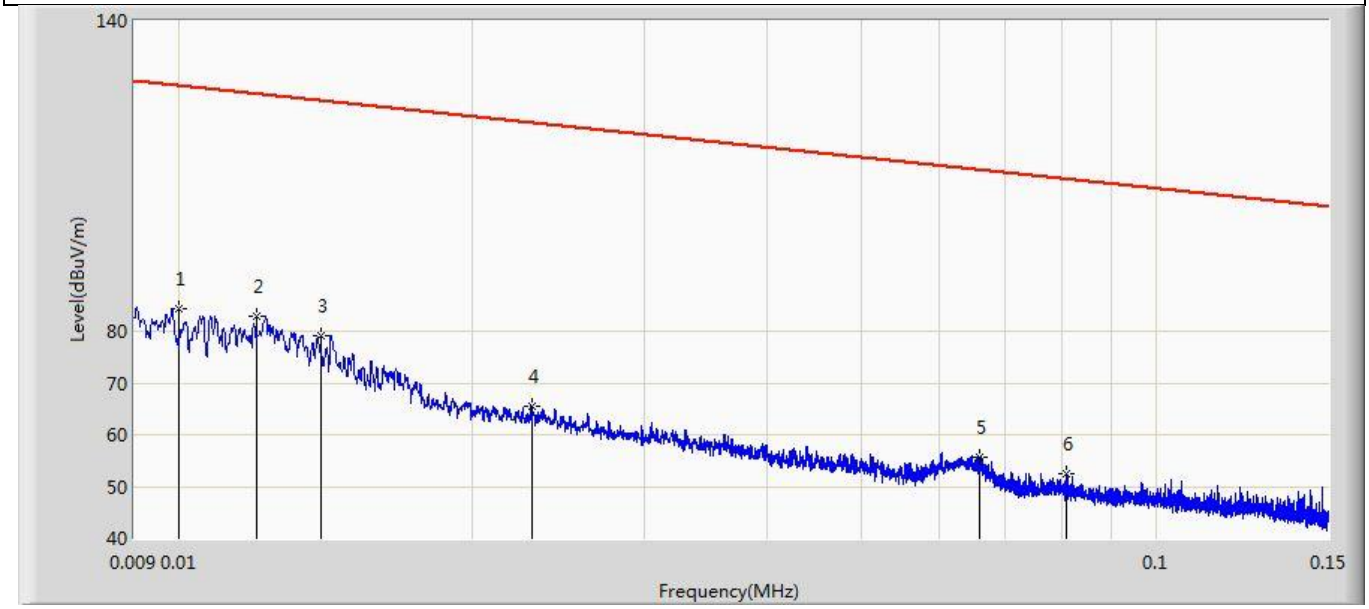
Profile: 2510414R	Page No.: 2
Engineer: Yuliu	
Site: AC2	Time: 2025/02/13 - 13:56
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: RF(0.009-30MHz)	Polarity: X
EUT: Level Lock Pro	Power: By Battery
Note: Mode 1: Transmit by NFC	



No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		0.266	45.377	23.657	-53.726	99.103	21.720	PK
2		0.482	44.392	22.889	-49.551	93.943	21.502	PK
3	*	1.545	39.707	19.219	-24.146	63.854	20.488	PK
4		3.094	37.446	16.627	-32.054	69.500	20.819	PK
5		4.635	39.194	18.562	-30.306	69.500	20.632	PK
6		13.560	43.551	22.499	-25.949	69.500	21.052	PK

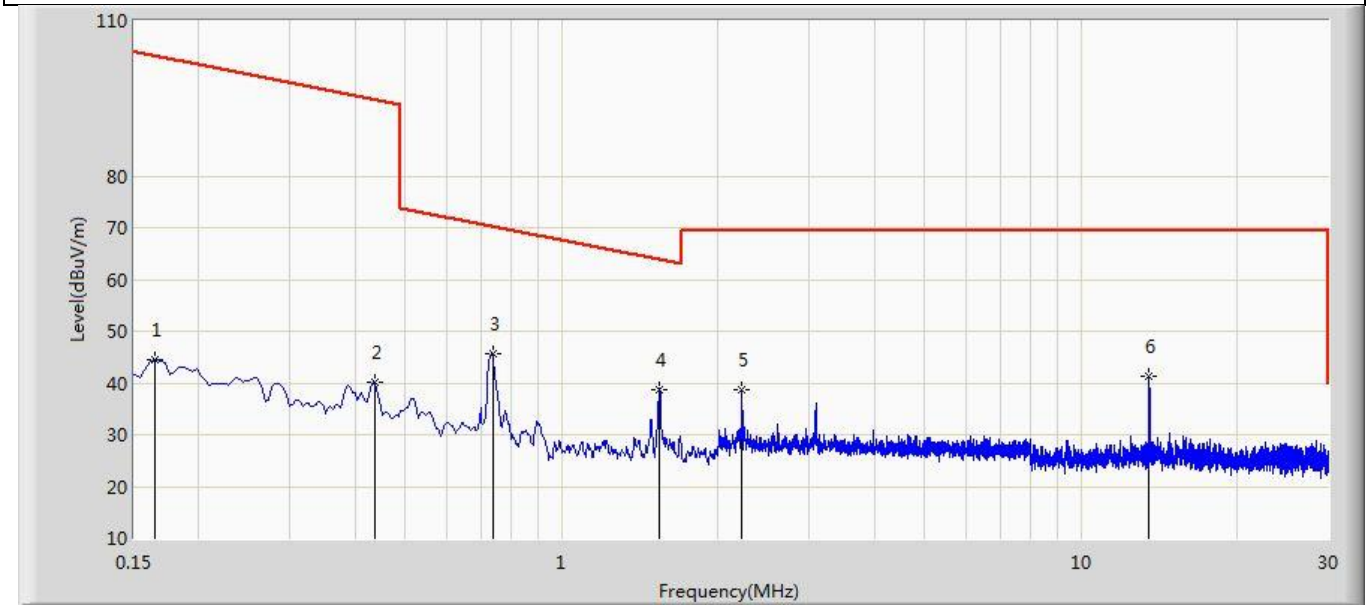
Note 1. Mark 6 is the fundamental emission.
2. Except Main frequency, others are noise floor.

Profile: 2510414R	Page No.: 3
Engineer: Yuliu	
Site: AC2	Time: 2025/02/13 - 13:59
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: RF(0.009-30MHz)	Polarity: Y
EUT: Level Lock Pro	Power: By Battery
Note: Mode 1: Transmit by NFC	



No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		0.010	84.373	63.311	-43.212	127.585	21.062	PK
2	*	0.012	82.835	61.710	-43.168	126.003	21.125	PK
3		0.014	79.243	58.056	-45.422	124.664	21.187	PK
4		0.023	65.406	43.940	-54.949	120.355	21.466	PK
5		0.066	55.786	33.853	-55.418	111.203	21.933	PK
6		0.081	52.352	30.436	-57.074	109.426	21.916	PK

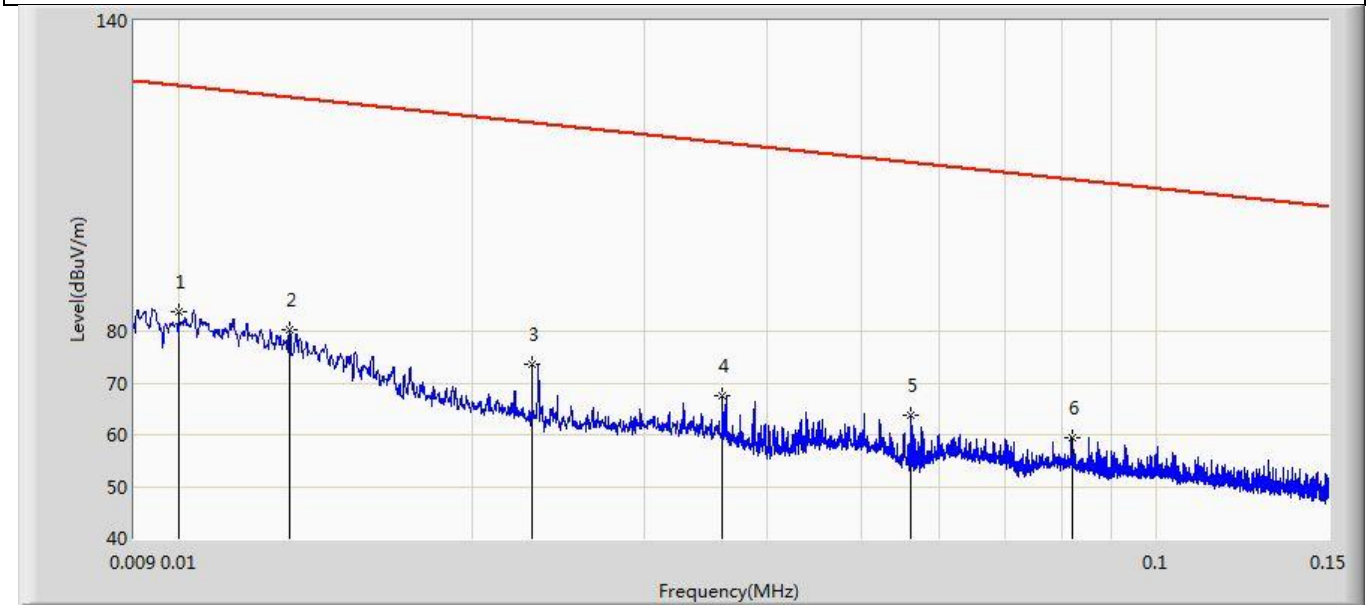
Profile: 2510414R	Page No.: 4
Engineer: Yuliu	
Site: AC2	Time: 2025/02/13 - 14:03
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: RF(0.009-30MHz)	Polarity: Y
EUT: Level Lock Pro	Power: By Battery
Note: Mode 1: Transmit by NFC	



No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		0.165	44.372	22.544	-58.877	103.249	21.828	PK
2		0.437	40.102	18.549	-54.691	94.794	21.553	PK
3	*	0.736	45.735	24.984	-24.541	70.276	20.751	PK
4		1.542	38.789	18.304	-25.081	63.870	20.485	PK
5		2.228	38.753	17.839	-30.747	69.500	20.914	PK
6		13.560	41.399	20.347	-28.101	69.500	21.052	PK

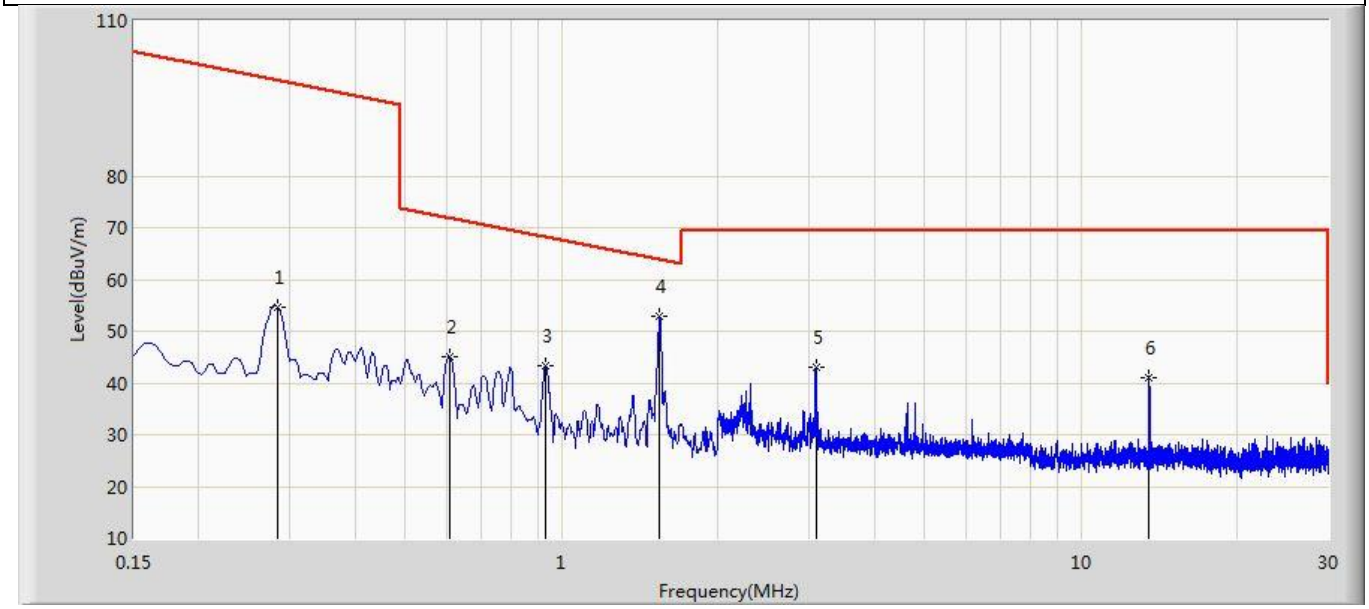
Note 1. Mark 6 is the fundamental emission.
2. Except Main frequency, others are noise floor.

Profile: 2510414R	Page No.: 5
Engineer: Yuliu	
Site: AC2	Time: 2025/02/13 - 14:05
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: RF(0.009-30MHz)	Polarity: Z
EUT: Level Lock Pro	Power: By Battery
Note: Mode 1: Transmit by NFC	



No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1	*	0.010	83.847	62.785	-43.738	127.585	21.062	PK
2		0.013	80.271	59.115	-45.037	125.308	21.155	PK
3		0.023	73.533	52.067	-46.822	120.355	21.466	PK
4		0.036	67.392	45.523	-49.073	116.465	21.869	PK
5		0.056	63.820	41.876	-48.810	112.630	21.944	PK
6		0.082	59.488	37.574	-49.831	109.319	21.915	PK

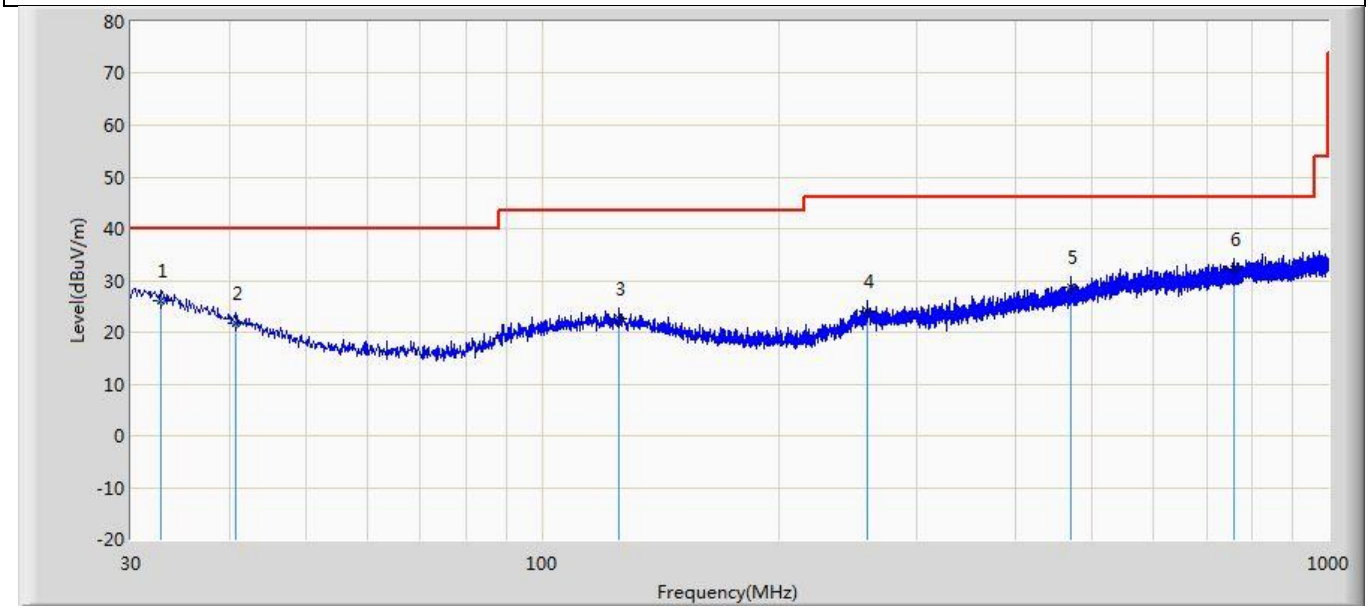
Profile: 2510414R	Page No.: 6
Engineer: Yuliu	
Site: AC2	Time: 2025/02/13 - 14:05
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: RF(0.009-30MHz)	Polarity: Z
EUT: Level Lock Pro	Power: By Battery
Note: Mode 1: Transmit by NFC	



No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		0.284	54.736	33.035	-43.799	98.535	21.701	PK
2		0.609	45.054	23.910	-26.863	71.917	21.143	PK
3		0.934	43.282	23.144	-24.931	68.213	20.138	PK
4	*	1.545	52.801	32.313	-11.052	63.854	20.488	PK
5		3.090	42.963	22.144	-26.537	69.500	20.820	PK
6		13.560	41.147	20.095	-28.353	69.500	21.052	PK

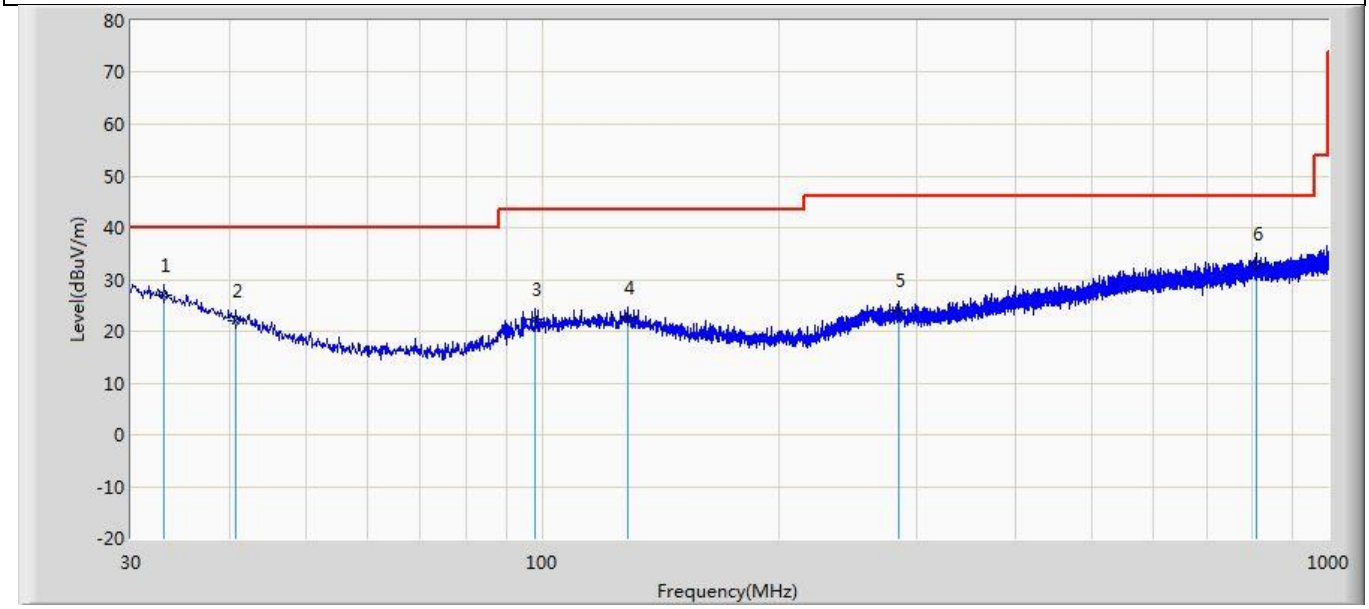
Note 1. Mark 6 is the fundamental emission.
2. Except Main frequency, others are noise floor.

Profile: 2510414R	Page No.: 5
Engineer: Yu Liu	
Site: AC2	Time: 2025/02/08 - 19:40
Limit: FCC_Part 15.209	Margin: 0
Probe: CBL6112D_27613(30-1000MHz)	Polarity: Horizontal
EUT: Level Lock Pro	Power: By Battery
Note: Mode 1: Transmit by NFC	



No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		32.789	26.081	2.478	-13.919	40.000	23.603	QP
2		40.791	21.775	2.621	-18.225	40.000	19.154	QP
3		125.181	22.570	3.287	-20.930	43.500	19.283	QP
4		259.163	23.975	3.183	-22.025	46.000	20.792	QP
5		470.259	28.816	3.786	-17.184	46.000	25.030	QP
6	*	757.864	32.253	3.642	-13.747	46.000	28.611	QP

Profile: 2510414R	Page No.: 6
Engineer: Yu Liu	
Site: AC2	Time: 2025/02/08 - 19:42
Limit: FCC_Part 15.209	Margin: 0
Probe: CBL6112D_27613(30-1000MHz)	Polarity: Vertical
EUT: Level Lock Pro	Power: By Battery
Note: Mode 1: Transmit by NFC	

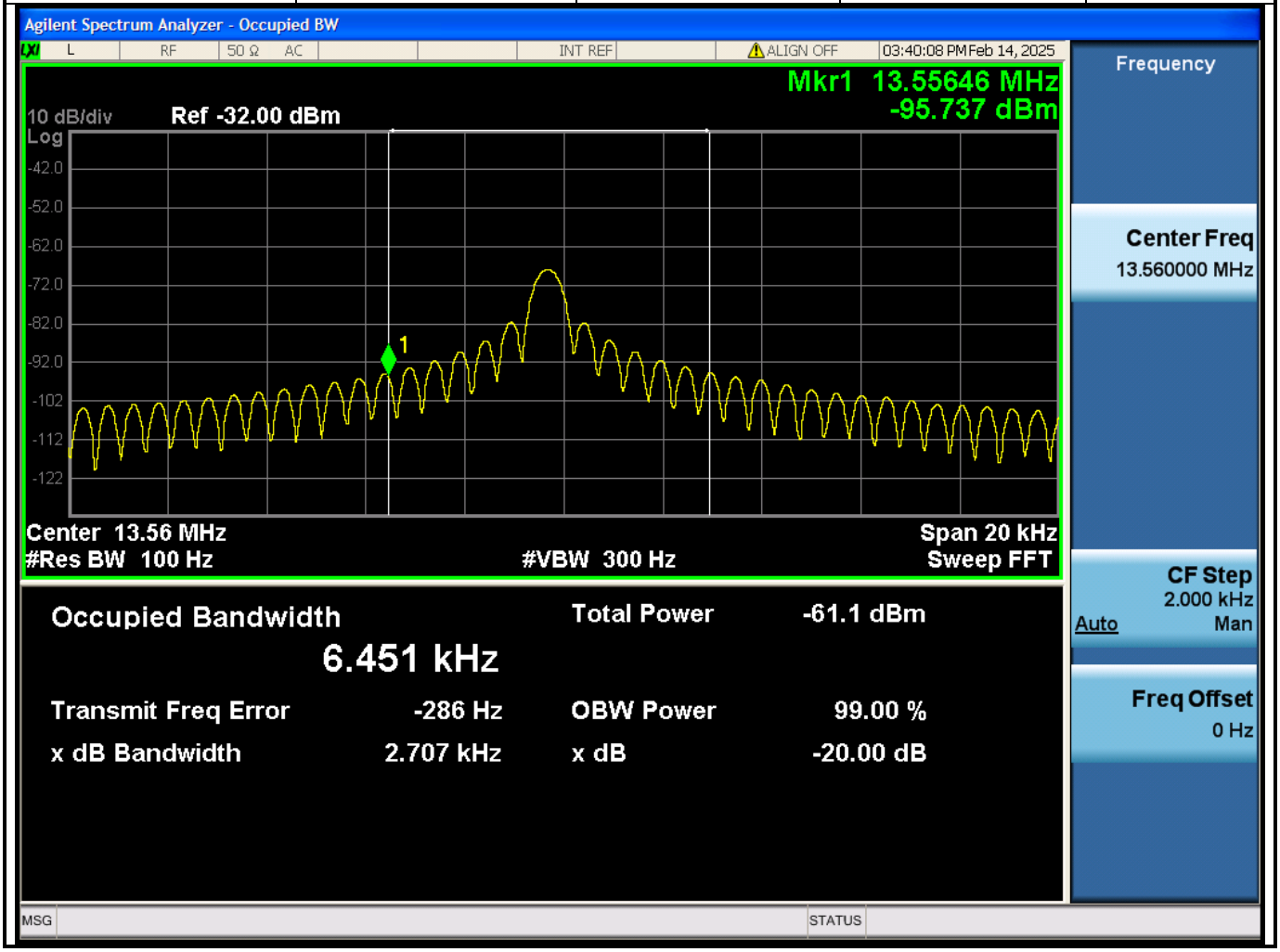


No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		33.031	26.893	3.410	-13.107	40.000	23.484	QP
2		40.791	22.104	2.950	-17.896	40.000	19.154	QP
3		98.143	22.368	4.709	-21.132	43.500	17.659	QP
4		128.455	22.579	3.472	-20.921	43.500	19.107	QP
5		284.746	23.919	3.500	-22.081	46.000	20.418	QP
6	*	810.486	33.083	3.688	-12.917	46.000	29.395	QP

Note 1: " * ", means this data is the worst emission level.
Note 2: Measurement Level = Reading Level + Factor(Probe+Cable-Amp).

Appendix C: Emission Bandwidth

Frequency (MHz)	20dB Bandwidth (kHz)	99% Bandwidth (kHz)	Frequency Range Limit (MHz)	Result
13.56	2.707	6.451	13.553 ~ 13.567	Pass



Appendix D: Frequency Stability

Frequency Stability under Temperature at 0min			
Temperature Interval (℃)	Test Frequency (MHz)	Deviation (ppm)	Limit (ppm)
-20	13.56	-32.26	±100
-10	13.56	-32.23	±100
0	13.56	-32.36	±100
10	13.56	-31.39	±100
20	13.56	-31.55	±100
30	13.56	-31.29	±100
40	13.56	-31.22	±100
50	13.56	-31.29	±100
Frequency Stability under Temperature at 2min			
Temperature Interval (℃)	Test Frequency (MHz)	Deviation (ppm)	Limit (ppm)
-20	13.56	-31.35	±100
-10	13.56	-31.52	±100
0	13.56	-31.29	±100
10	13.56	-31.22	±100
20	13.56	-31.36	±100
30	13.56	-31.35	±100
40	13.56	-31.31	±100
50	13.56	-30.26	±100
Frequency Stability under Temperature at 5min			
Temperature Interval (℃)	Test Frequency (MHz)	Deviation (ppm)	Limit (ppm)
-20	13.56	-31.26	±100
-10	13.56	-31.55	±100
0	13.56	-31.51	±100
10	13.56	-31.42	±100
20	13.56	-31.43	±100
30	13.56	-31.29	±100
40	13.56	-31.35	±100
50	13.56	-31.39	±100
Frequency Stability under Temperature at 10min			
Temperature Interval (℃)	Test Frequency (MHz)	Deviation (ppm)	Limit (ppm)

-20	13.56	-31.55	±100
-10	13.56	-31.52	±100
0	13.56	-31.29	±100
10	13.56	-31.36	±100
20	13.56	-31.29	±100
30	13.56	-31.62	±100
40	13.56	-31.56	±100
50	13.56	-31.49	±100
Frequency Stability under Voltage			
DC Voltage (V)	Test Frequency (MHz)	Deviation (ppm)	Limit (ppm)
2.55	13.56	-31.59	±100
3.00	13.56	-31.52	±100
3.45	13.56	-31.33	±100

The End