



FCC RF Test Report

For

Hankyul Marketing Co, LTD

Test Standards: Part 15C Subpart C §15.249

Product Description: Wireless Keyboard

Tested Model: ENK100A

Additional Model No.: N/A

FCC ID: 2BA8D-ENK100A

Report No.: <u>EC2305033RF03</u>

Tested Date: 2023-05-17 to 2023-06-13

Issued Date: <u>2023-06-13</u>

Prepared By:

Jack Liu / Engineer

Approved By:

Tiny Yang / RF Manager

Testing laboratory:

Hunan Ecloud Testing Technology Co., Ltd.

Building A1, Changsha E Center, No. 18 Xiangtai Avenue, Liuyang Economic and Technological Development Zone, Hunan, P.R.C

Tel.: +86-731-89634887 Fax.: +86-731-89634887

www.hn-ecloud.com

Note: The test results in this report apply exclusively to the tested model / sample. Without written approval of Hunan Ecloud Testing Technology Co., Ltd., the test report shall not be reproduced except in full.





Report Revise Record

Report Version	Revise Time	Issued Date	Valid Version	Notes
V1.0	1	2023.06.13	Valid	Original Report

Tel.:+86-731-89634887



TABLE OF CONTENTS

1	TEST	LABORATORY	5
	1.1	Test facility	5
2	GENE	ERAL DESCRIPTION	6
	2.4	Applicant	6
	2.1 2.2	Applicant Manufacturer	
	2.3	General Description Of EUT	
	2.4	Modification of EUT	
	2.5	Support equipment List	
	2.6	Applicable Standards	
_			
3	TEST	CONFIGURATION OF EQUIPMENT UNDER TEST	8
	3.1	Descriptions of Test Mode	8
	3.2	Test Mode	9
	3.3	Test Setup	.10
	3.4	Measurement Results Explanation Example	.12
4	TEST	RESULT	.13
	4.1	20dB Occupy Bandwidth Measurement	12
	4.2	Field Strength of The Fundamental Signal, Radiated Band Edges and Spurious Emiss	
	7.2	Measurement	
	4.3	AC Conducted Emission Measurement	
	4.4	Antenna Requirements	
_		·	
5	LIST	OF MEASURING EQUIPMENT	.43
6	UNC	ERTAINTY OF EVALUATION	. 45
Αl	PPEN[DIX A. SETUP PHOTOGRAPHS	.46

Tel.:+86-731-89634887





Summary of Test Result

FCC Rule	Description	Limit	Result	Remark
15.215(c)	20dB Bandwidth	NA	Pass	Test Engineer: Luo Xiang
15.249(a)	Field strength of the fundamental signal	15.249(a)	Pass	Test Engineer: Jack Liu
15.249(a)(d)/15.209	Radiated Band Edges and Radiated Spurious Emission	15.249(a)(d)/15.209	Pass	Under limit 2.53 dB at 7440 MHz
15.207	AC Conducted Emission	15.207(a)	Not Required	-
15.203	Antenna Requirement	N/A	Pass	-

Tel.:+86-731-89634887





1 Test Laboratory

1.1 Test facility

CNAS (accreditation number:L11138)

Hunan Ecloud Testing Technology Co., Ltd. has obtained the accreditation of China National Accreditation Service for Conformity Assessment (CNAS).

FCC (Designation number: CN1244, Test Firm Registration

Number:793308)

Hunan Ecloud Testing Technology Co., Ltd. has been listed on the US Federal Communications Commission list of test facilities recognized to perform electromagnetic emissions measurements.

ISED(CAB identifier: CN0012, ISED# :24347)

Hunan Ecloud Testing Technology Co., Ltd. has been listed on the Wireless Device Testing Laboratories list of innovation, Science and Economic Development Canada to test to Canadian radio equipment requirements.

A2LA (Certificate Number: 4895.01)

Hunan Ecloud Testing Technology Co., Ltd. has been listed by American Association for Laboratory Accreditation to perform electromagnetic emission measurement.

FCC ID: 2BA8D-ENK100A www.hn-ecloud.com



2 General Description

2.1 Applicant

Hankyul Marketing Co, LTD

9-5 bamgogaero27gil, gangnamgu, seoul, south korea

2.2 Manufacturer

Dongguan Lingjie Electronics & Technology Co., Ltd

Building 3, No.23 Zhenxing North Road, Xiegang Town, Dongguan City, Guangdong Province, China

2.3 General Description Of EUT

Product	Wireless Keyboard		
Model No.	ENK100A		
Additional No.	N/A		
Difference Description	N/A		
FCC ID	2BA8D-ENK100A		
Power Supply	3.0Vdc (dry battery)		
Modulation Type	GFSK		
Operating Frequency	2403MHz~2480MHz		
Number Of Channel	16		
Antenna Type	PCB Antenna with 2.34dBi gain		
Sample no.	2305033R-1/2~2/2		
Sample Received Date	2023/05/17		
HW Version	V1.0		
SW Version	V1.0		
I/O Ports	Refer to user's manual		
Accessory Devices	Refer to note as below		

NOTE:

- 1. The above EUT information is declared by manufacturer. Our laboratory is not responsible for the information provided by the manufacturer.
- 2. For a more detailed features description, please refer to the manufacturer's specifications or the user's manual
- 3. For the test results, the EUT had been tested with all conditions. But only the worst case was shown in test report.

Building A1, Changsha E Center, No. 18 Xiangtai Avenue,

Liuyang Economic and Technological Development Zone, Hunan, P.R.C

FCC ID : 2BA8D-ENK100A www.hn-ecloud.com Tel.:+86-731-89634887 Fax.: +86-731-89634887





2.4 Modification of EUT

No modifications are made to the EUT during all test items.

2.5 Support equipment List

Manufacturer	Description	Model	Serial Number	Certificate
Lenovo	Notebook	E470C	N/A	FCC sDoC

2.6 Applicable Standards

According to the specifications of the manufacturer, the EUT must comply with the requirements of the following standards:

- FCC Part 15 Subpart C §15.249
- ANSI C63.10-2013

Remark:

1. This EUT has also been tested and complied with the requirements of FCC Part 15, Subpart B, recorded in a separate test report.

FCC ID : 2BA8D-ENK100A www.hn-ecloud.com Tel.:+86-731-89634887





3 Test Configuration of Equipment Under Test

3.1 Descriptions of Test Mode

The Operation Frequency each of channel as follows:

Channel	1	2	3	4	5	6	7	8
Frequency	2403	2426	2441	2463	2407	2422	2445	2466
Channel	9	10	11	12	13	14	15	16
Frequency	2414	2436	2459	2473	2419	2439	2453	2480

Note:

In section 15.31(m), regards to the operating frequency range over 10 MHz, the Lowest frequency, the middle frequency, and the highest frequency of channel were selected to perform the test

- a. Radiated emission and power line conducted emission were performed with the EUT set to transmit at the channel with highest output power as worst-case scenario.
- b. The fundamental of the EUT was investigated in three orthogonal orientations X, Y and Z it was determined that Z orientation was worst-case orientation; therefore, all final radiated testing was performed with the EUT in Z orientation.

Tel.:+86-731-89634887 Fax.: +86-731-89634887

Page 8 of 47



3.2 Test Mode

3.2.1 Antenna Port Conducted Measurement

	Summary table of Test Cases					
Test Item	2.4G Wireless					
Conducted	Mode 1: CH01_2403 MHz					
	Mode 2: CH03_2441 MHz					
Test Cases	Mode 3: CH16_2480 MHz					

3.2.2 Radiated Emission Test (Below 1GHz)

	2.4G Wireless		
Radiated			
Test Cases	Mode 3: CH16_2480 MHz		

- Note: 1. Pre-Scan has been conducted to determine the worst-case mode from all possible combinations between available modulations, XYZ axis, antenna ports (if EUT with antenna diversity architecture) and packet type.
 - 2. All above modes were tested, but only the worst case test mode 1 while transmitting was reported.

3.2.3 Radiated Emission Test (Above 1GHz)

	2.4G Wireless		
Radiated	Mode 1: CH01_2403 MHz		
Test Cases	Mode 2: CH03_2441 MHz		
	Mode 3: CH16_2480 MHz		

- Note: 1. Pre-Scan has been conducted to determine the worst-case mode from all possible combinations between available modulations, XYZ axis, antenna ports (if EUT with antenna diversity architecture) and packet type.
 - 2. All above modes were tested, but only the worst case test mode 1 while transmitting was reported.

3.2.4 Power Line Conducted Emission Test:

AC	
Conducted	Mode 1 : Not Required
Emission	

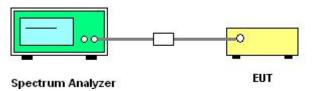
Liuyang Economic and Technological Development Zone, Hunan, P.R.C FCC ID : 2BA8D-ENK100A $\underline{\text{www.hn-ecloud.com}}$



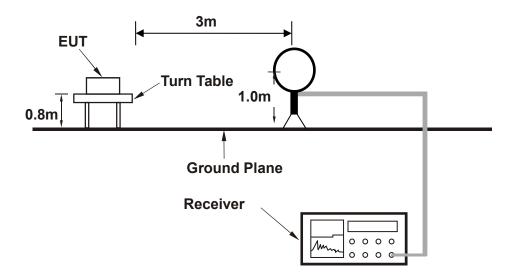
3.3 Test Setup

The software provided by client to enable the EUT under transmission condition continuously at specific channel frequencies individually.

Setup diagram for Conducted Test



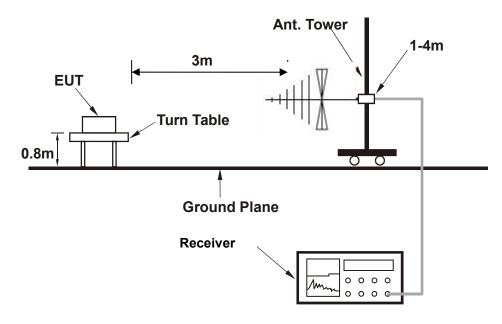
Setup diagram for Radiation(9KHz~30MHz) Test



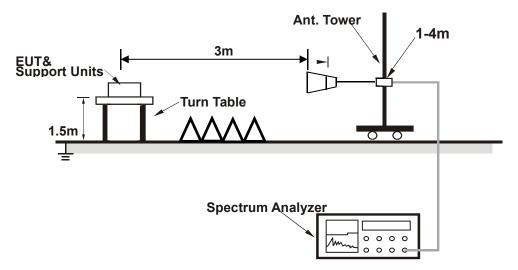
Tel.:+86-731-89634887



Setup diagram for Radiation(Below 1G) Test



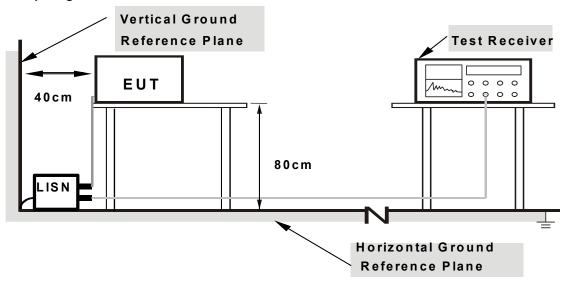
Setup diagram for Radiation(Above1G) Test



FCC ID : 2BA8D-ENK100A www.hn-ecloud.com



Setup diagram for AC Conducted Emission Test



Note: 1.Support units were connected to second LISN.

2.Both of LISNs (AMN) are 80 cm from EUT and at least 80 from other units and other metal planes

3.4 Measurement Results Explanation Example

For all conducted test items:

The offset level is set in the spectrum analyzer to compensate the RF cable loss and attenuator factor between EUT conducted output port and spectrum analyzer. With the offset compensation, the spectrum analyzer reading level is exactly the EUT RF output level.

Example:

The spectrum analyzer offset is derived from RF cable loss and attenuator factor.

Offset = RF cable loss + attenuator factor.

Following shows an offset computation example with cable loss 5 dB and 10dB attenuator.

$$Offset(dB) = RF \ cable \ loss(dB) + attenuator \ factor(dB).$$

= 5 + 10 = 15 (dB)

For all radiated test items:

Corrected Reading: Antenna Factor + Cable Loss + Read Level - Preamp Factor = Level Over Limit (dB μ V/m) = Level(dB μ V/m) - Limit Level (dB μ V/m)

Liuyang Economic and Technological Development Zone, Hunan, P.R.C FCC ID : 2BA8D-ENK100A

www.hn-ecloud.com



4 Test Result

4.1 20dB Occupy Bandwidth Measurement

4.1.1 Limit of 20dB Occupy Bandwidth

None; for reporting purposes only.

4.1.2 Test Procedures

- 1. Check the calibration of the measuring instrument using either an internal calibrator or a known signal from an external generator.
- 2. Turn on the EUT and connect it to measurement instrument.
- 3. Use the following spectrum analyzer settings for 20dB Bandwidth measurement.

Span = approximately 2 to 5 times the 20 dB bandwidth, centered on a hopping channel;

RBW = 1% to 5% of the 20 dB bandwidth; VBW = approximately 3 times RBW; Sweep = auto;

Detector function = peak; Trace = max hold.

Tel.:+86-731-89634887





4.1.3 Test Result of 20dB Bandwidth

Test Mode :	2.4G Wireless Transmitting	Temperature	:	22~24℃
Test Engineer :	Luo Xiang	Relative Humidity :		51~53%
Channel.	20dB Bandwidth [I	MHz]		Verdict
LCH	3.033			PASS
MCH	2.971			PASS
HCH	3.000			PASS

20dB Plot



Liuyang Economic and Technological Development Zone, Hunan, P.R.C FCC ID: 2BA8D-ENK100A

www.hn-ecloud.com

Tel.:+86-731-89634887









Tel.:+86-731-89634887 Fax.: +86-731-89634887



Field Strength of The Fundamental Signal, Radiated Band Edges 4.2 and Spurious Emission Measurement

4.2.1 Limit of Fundamental Signal, Radiated Band Edges and Spurious Emission

In any 100 kHz bandwidth outside the intentional radiator frequency band, all harmonics/spurious must be at least 20 dB below the highest emission level within the authorized band. In addition, radiated emissions which fall in the restricted bands must also comply with the FCC section 15.209&15.249 limits as below.

Frequency	Field Strength	Measurement Distance
(MHz)	(microvolts/meter)	(meters)
0.009 - 0.490	2400/F(kHz)	300
0.490 – 1.705	24000/F(kHz)	30
1.705 – 30.0	30	30
30 – 88	100	3
88 – 216	150	3
216 - 960	200	3
Above 960	500	3

Frequency (MHz)	Field Strength (millivolts/meter)	Measurement Distance (meters)
2400-2483.5	50	3m

Note: The frequency range from 9KHz to 10th harmonic (25GHz) are checked, and no any emissions were found from 18GHz to 25GHz, So the radiated emissions from 18GHz to 25GHz were not record.

4.2.2 **Test Procedures**

- 1. The EUT was placed on a turntable with 0.8 meter for frequency below 1GHz and 1.5 meter for frequency above 1GHz respectively above ground.
- 2. The measurement distance is 3 meter.
- 3. For each suspected emission, the EUT was arranged to its worst case and then tune the Antenna tower (from 1 m to 4 m) and turntable (from 0 degree to 360 degrees) to find the maximum reading. A pre-amp and a high pass filter are used for the test in order to get better signal level to comply with the guidelines.
- Set to the maximum power setting and enable the EUT transmit continuously. 4.
- Use the following spectrum analyzer settings: 5.

Building A1, Changsha E Center, No. 18 Xiangtai Avenue,

Liuyang Economic and Technological Development Zone, Hunan, P.R.C

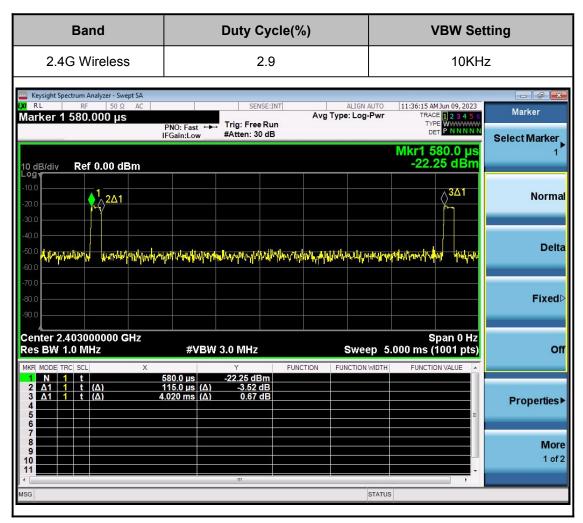
FCC ID: 2BA8D-ENK100A www.hn-ecloud.com

Tel.:+86-731-89634887





- (1) Span shall wide enough to fully capture the emission being measured;
- (2) Set RBW=100 kHz for f < 1 GHz, RBW=1MHz for f>1GHz; VBW >RBW; Sweep = auto; Detector function = peak; Trace = max hold for peak
- (3) For average measurement:
 - VBW = 10 Hz, when duty cycle is no less than 98 percent.
 - VBW \geq 1/T, when duty cycle is less than 98 percent where T is the minimum transmission duration over which the transmitter is on and is transmitting at its maximum power control level for the tested mode of operation.



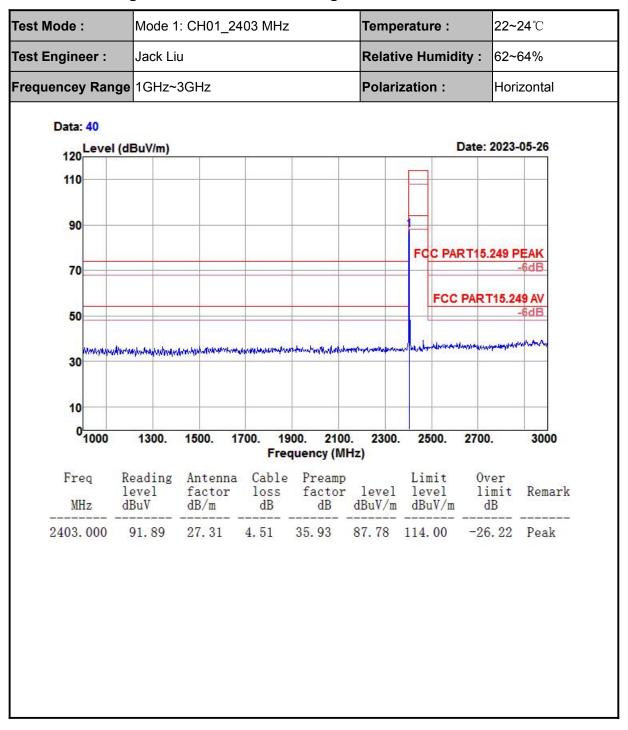
Corrected Reading: Antenna Factor + Cable Loss + Read Level - Preamp Factor = Level



4.2.3 Test Results of Radiated Spurious Emissions (9 kHz ~ 30 MHz)

The low frequency, which started from 9 kHz to 30MHz, was pre-scanned and the result which was 20dB lower than the limit line per 15.31(o) was not reported.

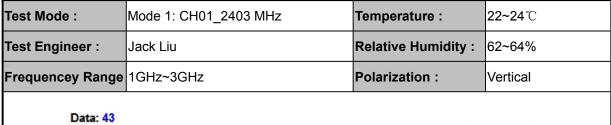
4.2.4 Field Strength of The Fundamental Signal

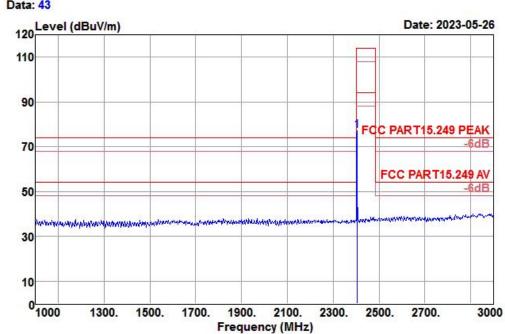


FCC ID : 2BA8D-ENK100A www.hn-ecloud.com







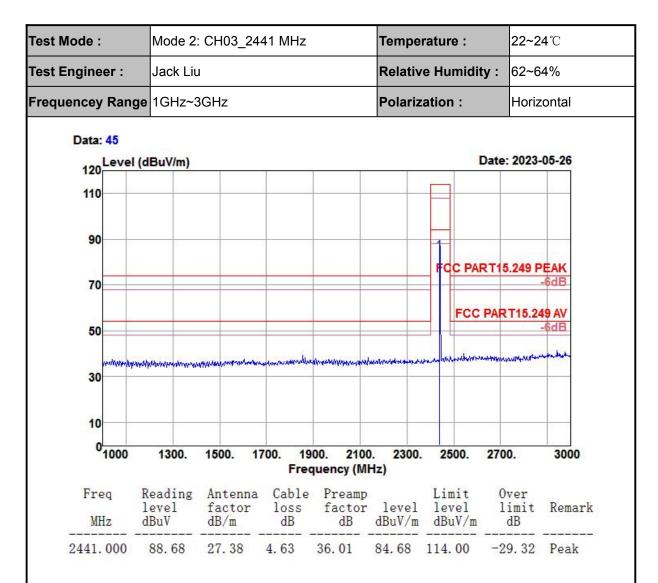


Freq		Antenna factor					Over limit	Remark
MHz		dB/m						1101110111
2403.000	81. 18	27. 31	4. 51	35. 93	77.07	114.00	-36.93	Peak

FCC ID : 2BA8D-ENK100A www.hn-ecloud.com

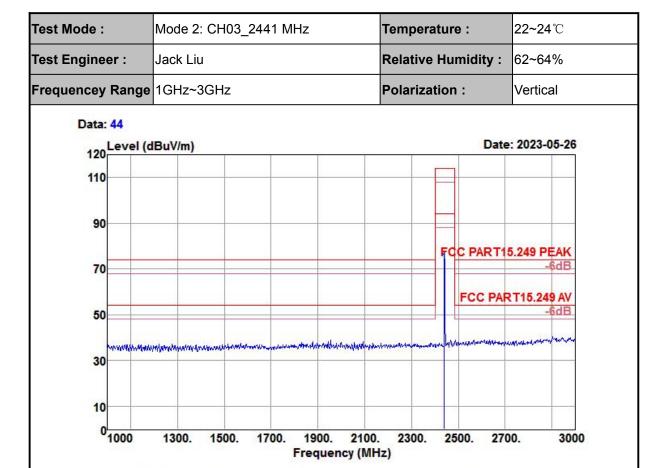






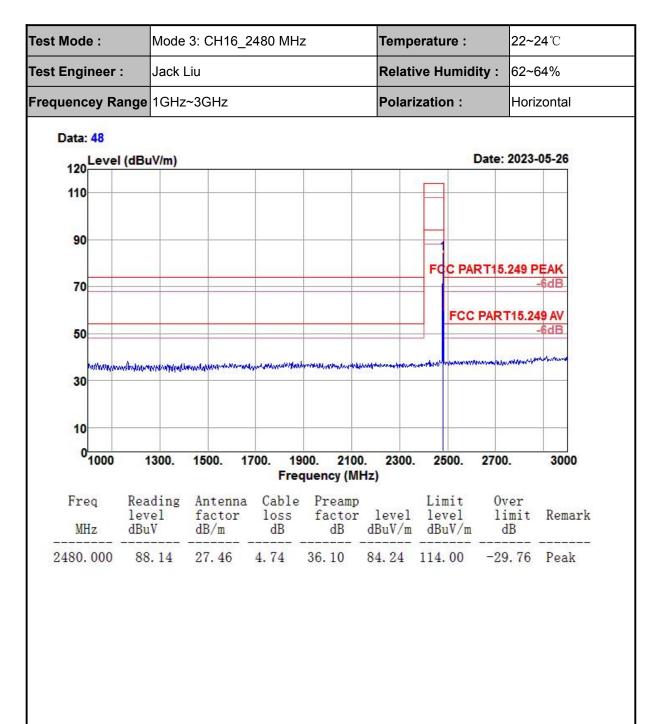




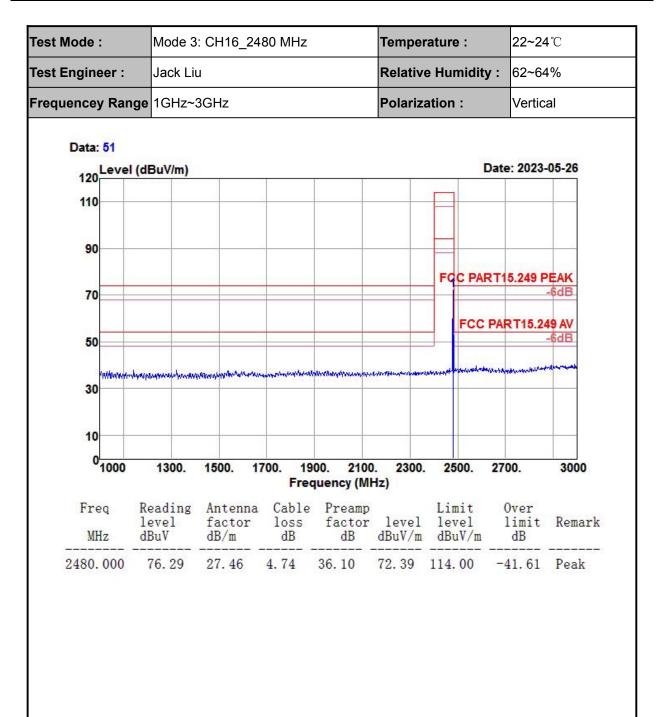


Freq				Preamp			Over	
MHz				factor dB				Remark
2441.000	76. 09	27. 38	4. 63	36. 01	72. 09	114. 00	-41. 91	Peak



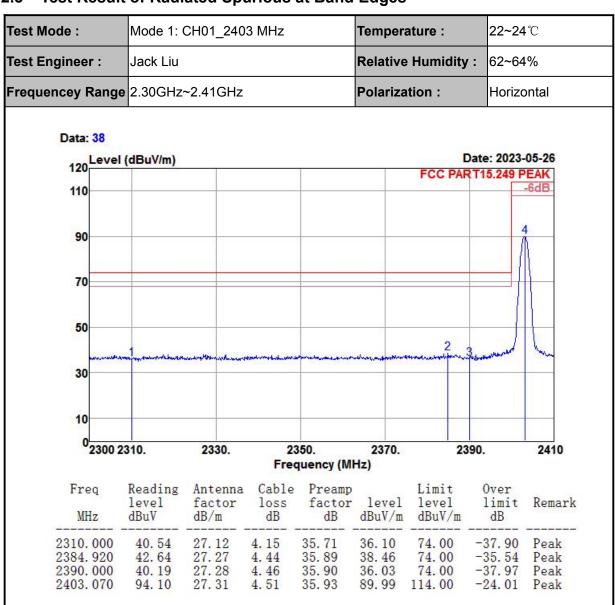






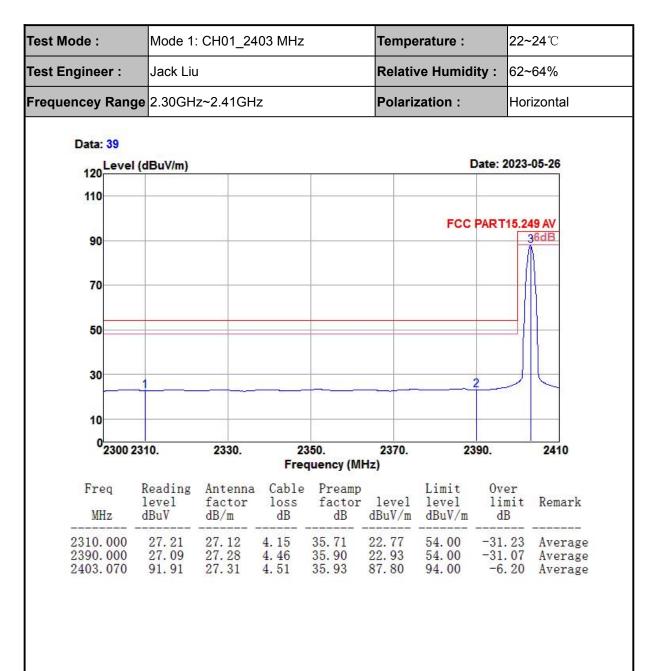


4.2.5 Test Result of Radiated Spurious at Band Edges

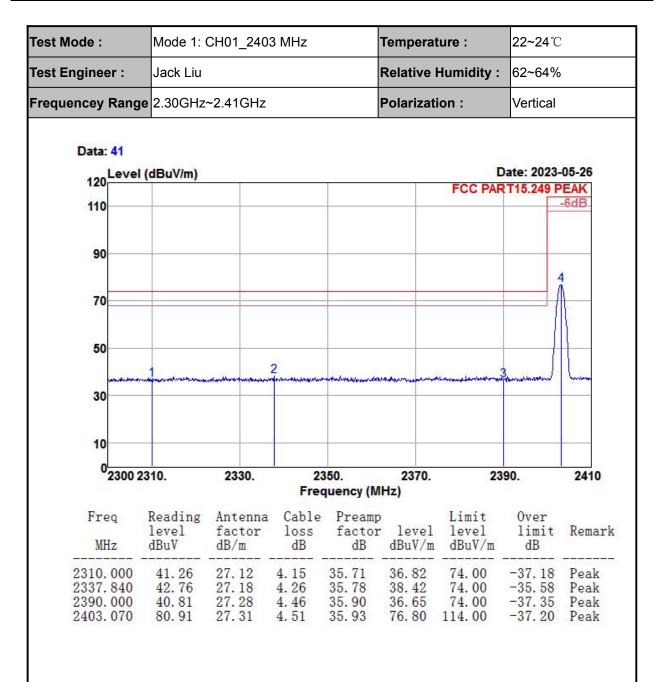


Tel.:+86-731-89634887

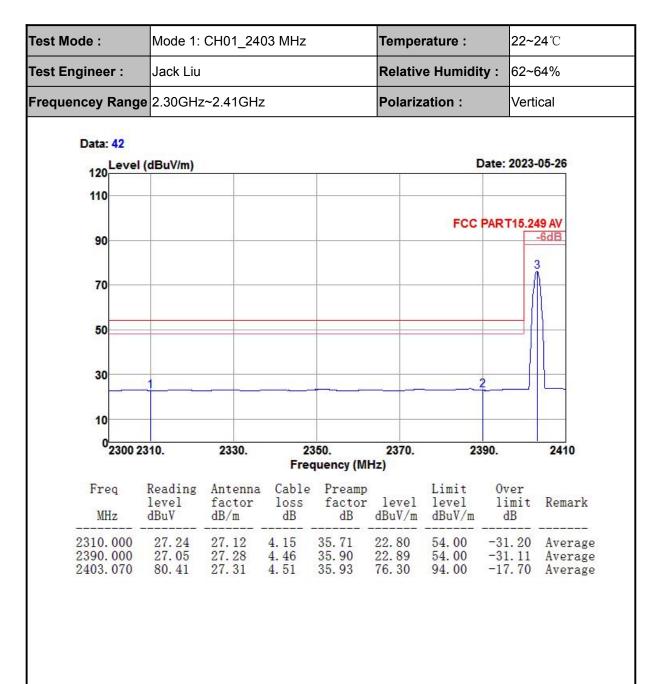




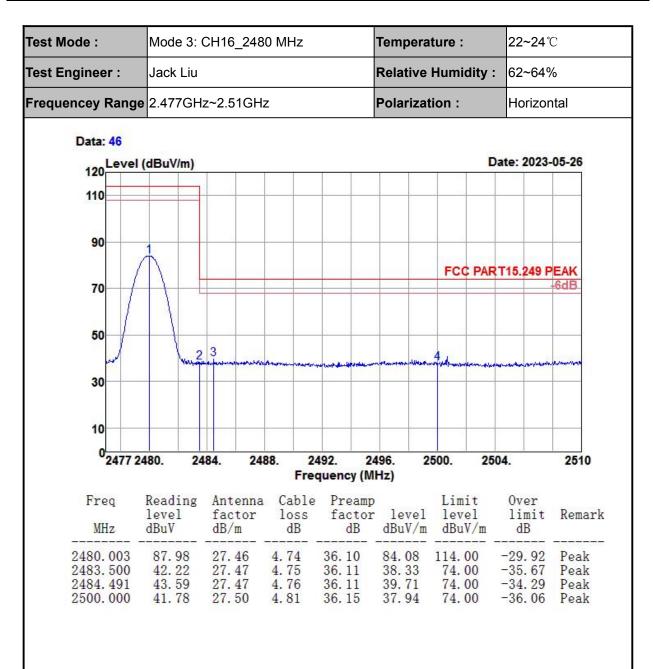










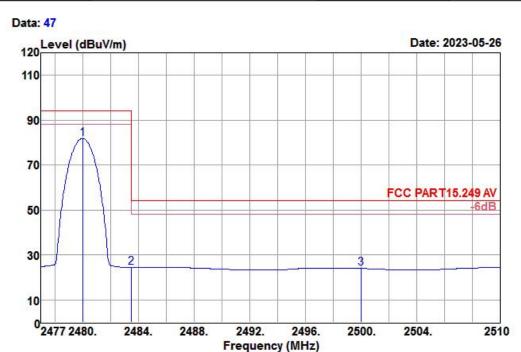




 Test Mode :
 Mode 3: CH16_2480 MHz
 Temperature :
 22~24 ℃

 Test Engineer :
 Jack Liu
 Relative Humidity :
 62~64%

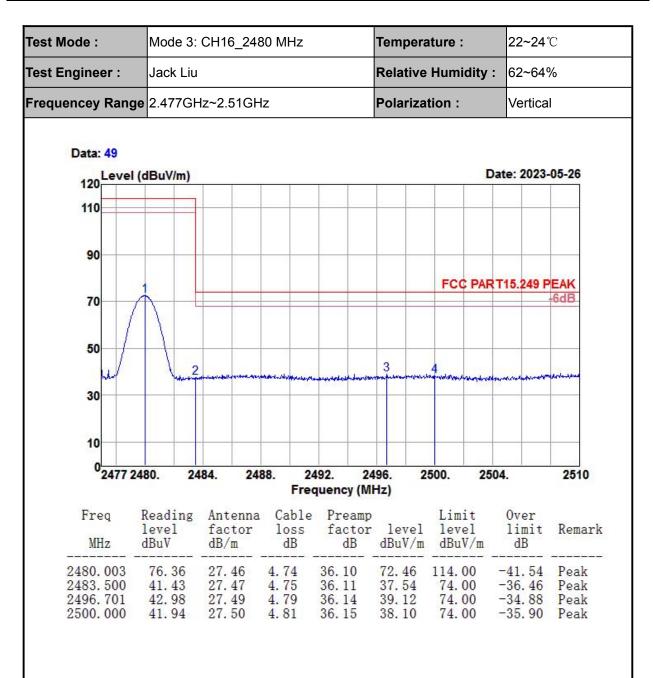
 Frequencey Range
 2.477GHz~2.51GHz
 Polarization :
 Horizontal



Freq MHz	Reading level dBuV	Antenna factor dB/m	Cable loss dB	Preamp factor dB	level	Limit level dBuV/m	Over limit dB	Remark
2480. 003	85. 76	27. 46	4. 74	36. 10	81. 86	94. 00	-29.62	Average
2483. 500	28. 27	27. 47	4. 75	36. 11	24. 38	54. 00		Average
2500. 000	27. 80	27. 50	4. 81	36. 15	23. 96	54. 00		Average

FCC ID : 2BA8D-ENK100A www.hn-ecloud.com Tel.:+86-731-89634887



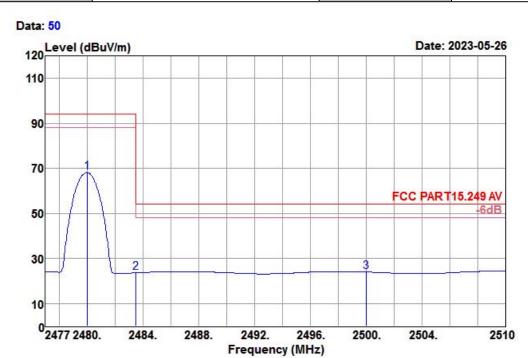




 Test Mode :
 Mode 3: CH16_2480 MHz
 Temperature :
 22~24℃

 Test Engineer :
 Jack Liu
 Relative Humidity :
 62~64%

 Frequencey Range
 2.477GHz~2.51GHz
 Polarization :
 Vertical

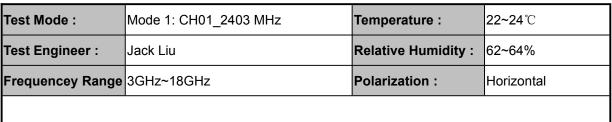


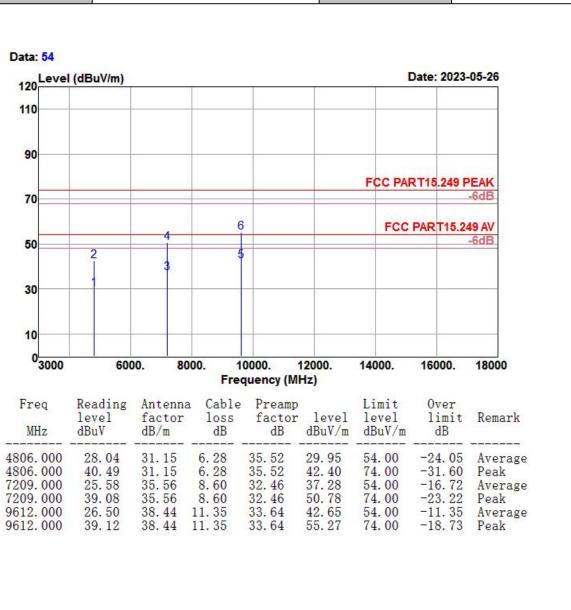
Freq MHz	Reading level dBuV	Antenna factor dB/m	Cable loss dB	Preamp factor dB	level	Limit level dBuV/m	Over limit dB	Remark
2480. 003 2483. 500 2500. 000	72. 08 27. 57 27. 86	27. 46 27. 47 27. 50	4.75		68. 18 23. 68 24. 02	54.00	-30.32	Average Average Average

FCC ID : 2BA8D-ENK100A www.hn-ecloud.com



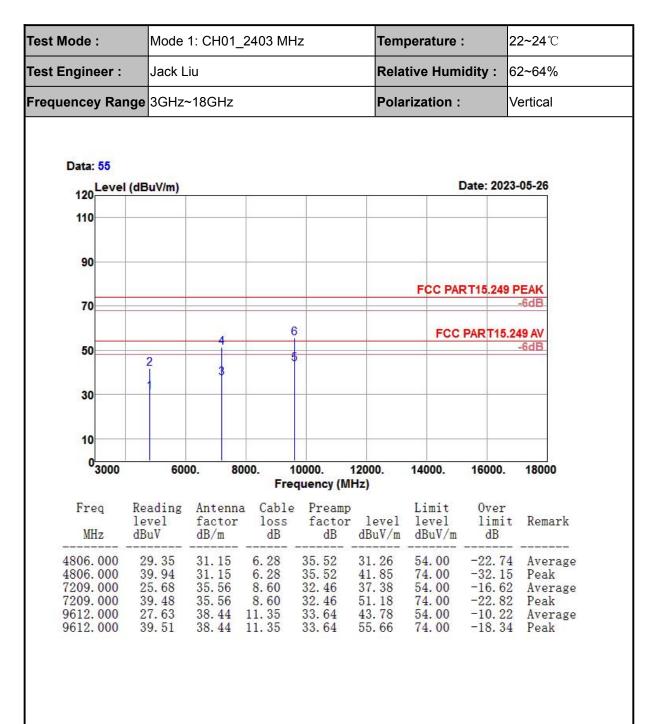
4.2.6 Test Result of Radiated Spurious Emission





FCC ID : 2BA8D-ENK100A www.hn-ecloud.com



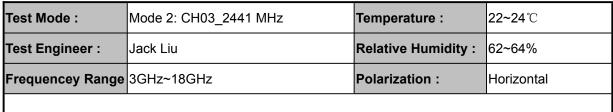


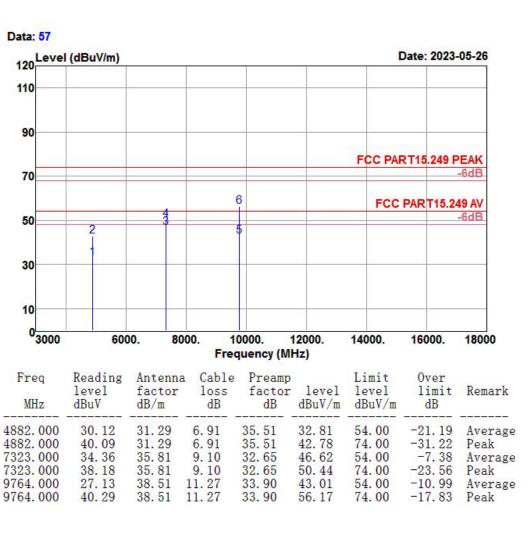
Note: Emission was scanned up to 26GHz; No emissions were detected above the noise floor which was at least 20dB below the specification limit.

FCC ID: 2BA8D-ENK100A www.hn-ecloud.com Tel.:+86-731-89634887

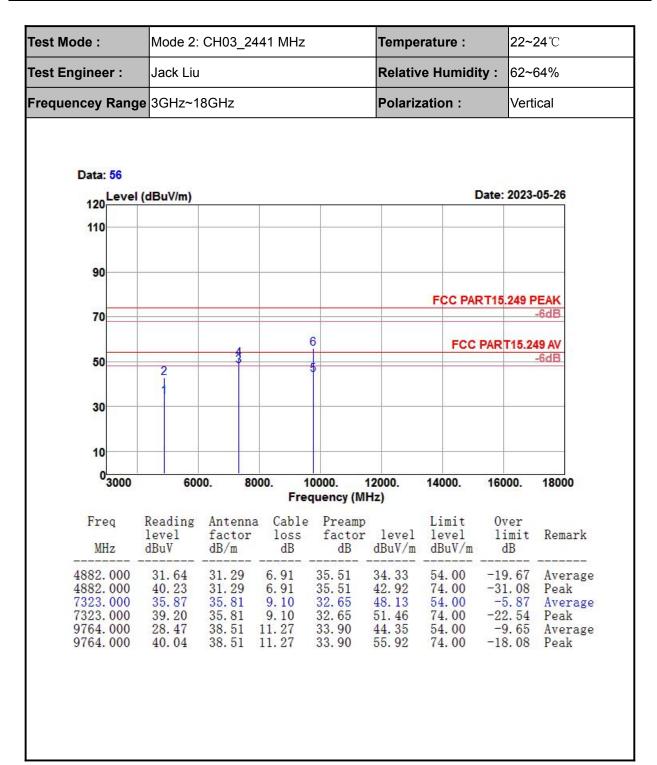








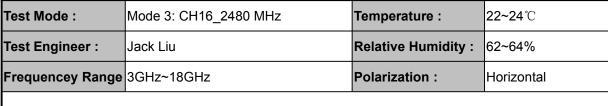


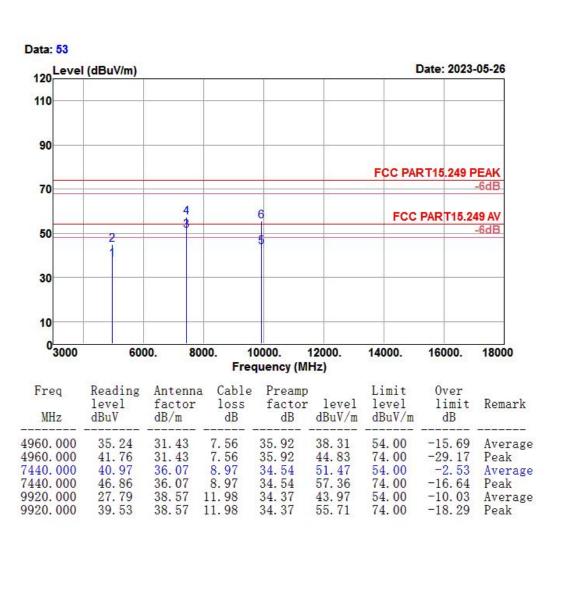


Note: Emission was scanned up to 26GHz; No emissions were detected above the noise floor which was at least 20dB below the specification limit.

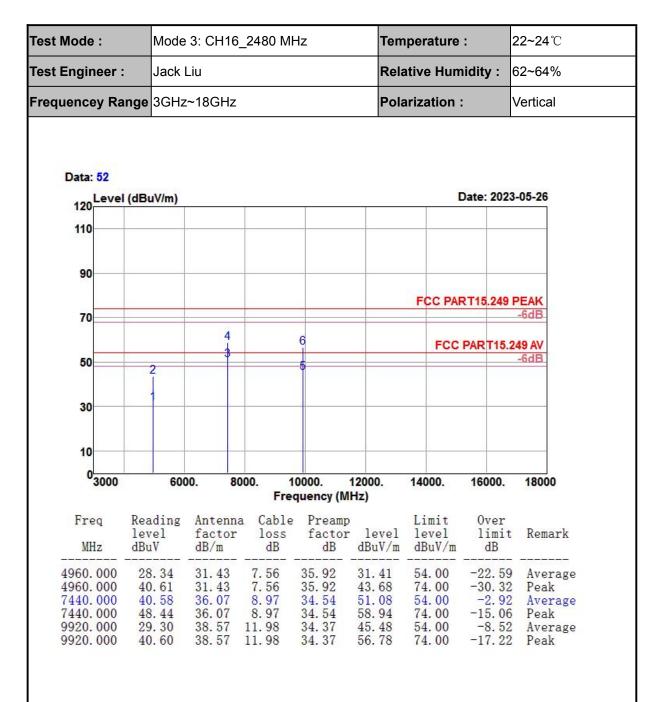
www.hn-ecloud.com







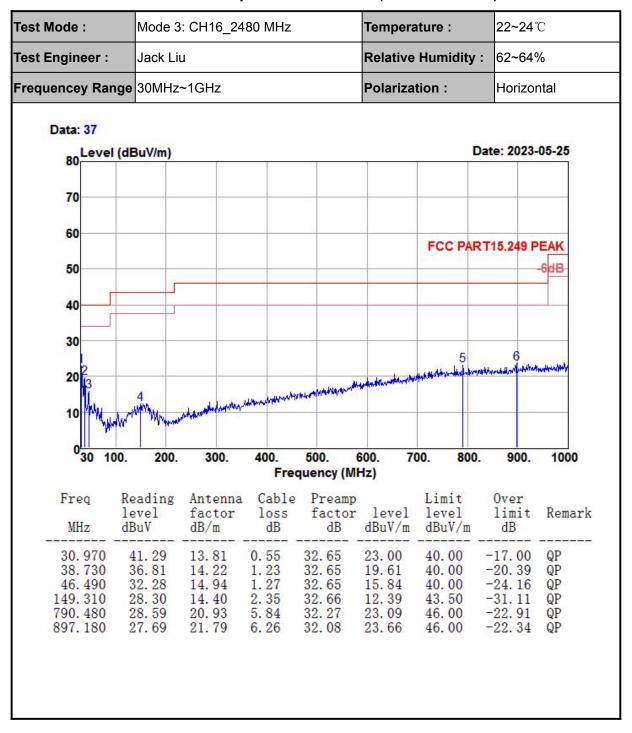




Note: Emission was scanned up to 26GHz; No emissions were detected above the noise floor which was at least 20dB below the specification limit.

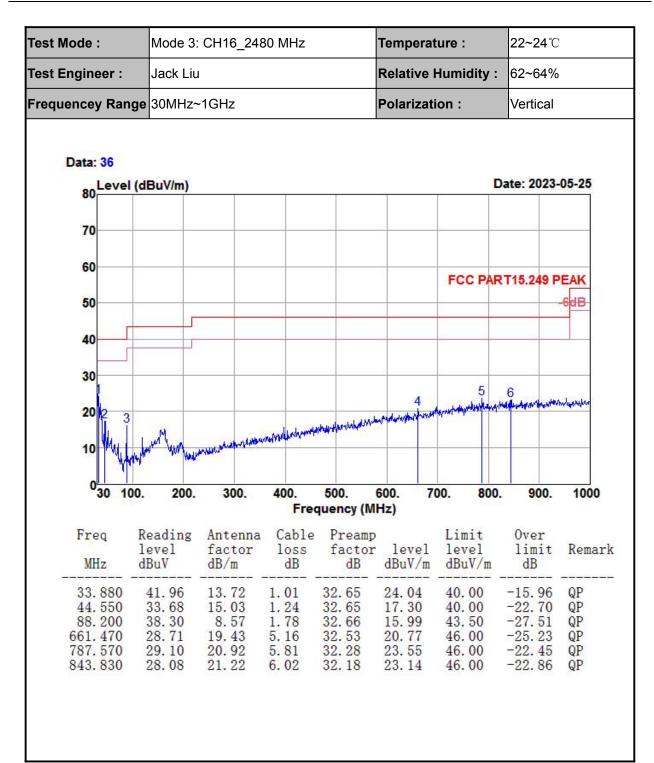


4.2.7 Test Result of Radiated Spurious Emission (30MHz ~ 1GHz)



FCC ID : 2BA8D-ENK100A www.hn-ecloud.com







4.3 AC Conducted Emission Measurement

4.3.1 Limit of AC Conducted Emission

For equipment that is designed to be connected to the public utility (AC) power line, the radio frequency voltage that is conducted back onto the AC power line on any frequency or frequencies within the band 150 kHz to 30 MHz shall not exceed the limits in the following table.

Eroquency of emission (MUz)	Conducted limit (dΒμV)				
Frequency of emission (MHz)	Quasi-peak	Average			
0.15-0.5	66 to 56*	56 to 46*			
0.5-5	56	46			
5-30	60	50			

^{*}Decreases with the logarithm of the frequency.

4.3.2 Test Procedures

- 1.The EUT was placed 0.4 meter from the conducting wall of the shielding room was kept at least 80 centimeters from any other grounded conducting surface.
- 2. Connect EUT to the power mains through a line impedance stabilization network (LISN).
- 3. All the support units are connecting to the other LISN.
- 4. The LISN provides 50 ohm coupling impedance for the measuring instrument.
- 5. The FCC states that a 50 ohm, 50 microhenry LISN should be used.
- 6. Both sides of AC line were checked for maximum conducted interference.
- 7. The frequency range from 150 kHz to 30 MHz was searched.
- 8.Set the test-receiver system to Peak Detect Function and specified bandwidth (IF Bandwidth = 9kHz) with Maximum Hold Mode. Then measurement is also conducted by Average Detector and Quasi-Peak Detector Function respectively.

FCC ID: 2BA8D-ENK100A www.hn-ecloud.com





4.3.3 Test Result of AC Conducted Emission

Not Required

Tel.:+86-731-89634887



S

4.4 Antenna Requirements

4.4.1 Standard Applicable

According to antenna requirement of §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 re-placed 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 Sections 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 Section 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..

4.4.2 Antenna Connected Construction

An PCB antenna design is used.

4.4.3 Antenna Gain

The antenna peak gain of EUT is 2.34 dBi.

www.hn-ecloud.com

Tel.:+86-731-89634887





5 List of Measuring Equipment

Instrument	Manufacturer	Model No.	Serial No.	Calibration Date	Due Date	Remark
Spectrum Analyzer	Keysight	N9010A	MY56070788	2022-12-26	2023-12-25	Conducted
Power Sensor	Keysight	U2021XA	MY56510025	2022-12-27	2023-12-26	Conducted
Power Sensor	Keysight	U2021XA	MY57030005	2022-12-27	2023-12-26	Conducted
Power Sensor	Keysight	U2021XA	MY56510018	2022-12-27	2023-12-26	Conducted
Power Sensor	Keysight	U2021XA	MY56480002	2022-12-27	2023-12-26	Conducted
Thermal Chamber	Howkin	UHL-34	19111801	2022-12-23	2023-12-22	Conducted
Base Station	R&S	CMW 270	101231	2022-12-26	2023-12-25	Conducted
Signal Generator (Interferer)	Keysight	N5182B	MY56200384	2022-12-26	2023-12-25	Conducted
Signal Generator (Blocker)	Keysight	N5171B	MY56200661	2022-12-26	2023-12-25	Conducted

Instrument	Manufacturer	Model No.	Serial No.	Calibration Date	Due Date	Remark
Spectrum Analyzer	R&S	FSV 40	101433	2022-12-26	2023-12-25	Radiation
Amplifier	Sonoma	310	363917	2022-12-26	2023-12-25	Radiation
Amplifier	Schwarzbeck	BBV 9718	327	2022-12-27	2023-12-26	Radiation
Amplifier	Narda	TTA1840-35-HG	2034380	2023-01-04	2024-01-03	Radiation
Loop Antenna	Schwarzbeck	FMZB 1519B	1519B-051	2023-02-12	2026-02-11	Radiation
Broadband Antenna	Schwarzbeck	VULB 9168	9168-757	2020-09-27	2023-09-26	Radiation
Horn Antenna	Schwarzbeck	BBHA 9120 D	1677	2023-02-12	2026-02-11	Radiation
Horn Antenna	COM-POWER	AH-1840	101117	2021-06-05	2024-06-04	Radiation
Test Software	Auidx	E3	6.111221a	N/A	N/A	Radiation
Filter	Micro-Tronics	BRM 50702	G266	N/A	N/A	Radiation
Communication Tester	R&S	CMW270	101231	2022-12-26	2023-12-25	Radiation

Liuyang Economic and Technological Development Zone, Hunan, P.R.C

FCC ID : 2BA8D-ENK100A www.hn-ecloud.com Tel.:+86-731-89634887 Fax.: +86-731-89634887





Instrument	Manufacturer	Model No.	Serial No.	Calibration Date	Due Date	Remark
LISN	R&S	ENV216	102125	2023-12-19	2023-12-20	Conducted
LISN	R&S	ENV432	101327	2023-12-19	2023-12-20	Conducted
EMI Test Receiver	R&S	ESR3	102143	2023-12-19	2023-12-20	Conducted
EMI Test Software	Audix	E3	N/A	N/A	N/A	Conducted
Communication Tester	R&S	CMW270	101231	2023-12-19	2023-12-20	Radiation

N/A: No Calibration Required

Tel.:+86-731-89634887





6 Uncertainty of Evaluation

Where relevant, the following measurement uncertainty levels have been estimated for tests performed on the EUT as specified in CISPR 16-4-2:

MEASUREMENT	FREQUENCY	UNCERTAINTY
Conducted emissions	9kHz~30MHz	2.00 dB
	30MHz ~ 1GHz	5.28 dB
Radiated emission	1GHz ~ 18GHz	5.12 dB
	18GHz ~ 40GHz	5.27 dB

MEASUREMENT	UNCERTAINTY
Occupied Channel Bandwidth	±71.333Hz
RF output power, conducted	±0.78 dB
Power density, conducted	±2.02dB
Emissions, conducted	±2.00dB

This uncertainty represents an expanded uncertainty expressed at approximately the 95% confidence level using a coverage factor of k=2.

Tel.:+86-731-89634887



Appendix A. Setup Photographs

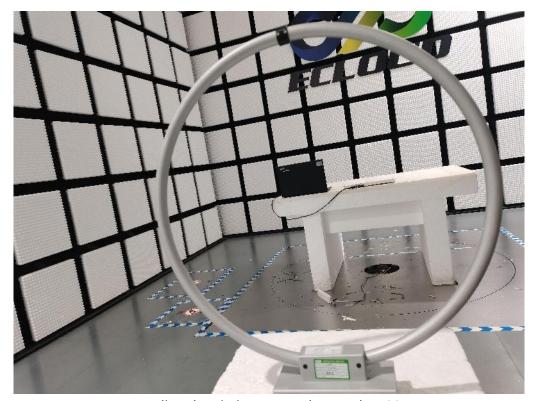


Fig. 1 Radiated emission setup photo(Below 30MHz)

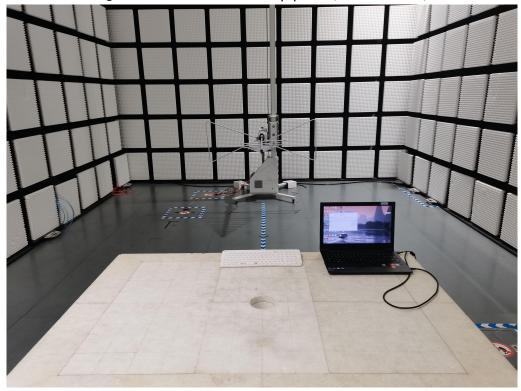


Fig. 2 Radiated emission setup photo(30MHz-1GHz)





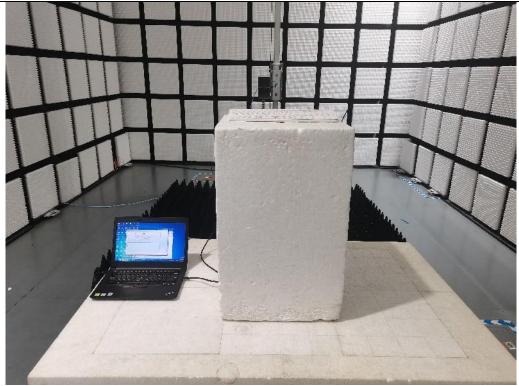


Fig. 3 Radiated emission setup photo(Above 1GHz)

-----End of the report-----

Building A1, Changsha E Center, No. 18 Xiangtai Avenue,
Liuyang Economic and Technological Development Zone, Hunan, P.R.C
FCC ID: 2BA8D-ENK100A
www.hn-ecloud.com