



TEST REPORT

Applicant: Nebra Ltd

Address of Applicant: Unit 4 Bells Yew Green Business Court, Bells Yew Green,
Tunbridge Wells, East Sussex, TN3 9BJ

Equipment Under Test (EUT)

Product Name: Nebra Indoor LoRa Gateway ROCK Pi 4 Version / Nebra Indoor
Helium Hotspot ROCK Pi 4 Version

NEBHNT-HHRK4-433, NEBHNT-HHRK4-470, NEBHNT-HHRK4-
868, NEBHNT-HHRK4-915, NEBHNT-HHRK4-433-2, NEBHNT-
HHRK4-470-2, NEBHNT-HHRK4-868-2, NEBHNT-HHRK4-915-2,
NEBHNT-HHRK4-433-3, NEBHNT-HHRK4-470-3, NEBHNT-
HHRK4-868-3, NEBHNT-HHRK4-915-3, NEBHNT-HHRK4-433-3,
NEBHNT-HHRK4-470-3, NEBHNT-HHRK4-868-3, NEBHNT-
HHRK4-915-3

Applicable standards: AS / NZS CISPR 32: 2015

Date of sample receipt: 05 Jan., 2022

Date of Test: 06 Jan., to 14 Feb., 2022

Date of report issue: 15 Feb., 2022

Test Result: PASS*

* In the configuration tested, the EUT complied with the standards specified above.

The RCM mark as shown below can be used, under the responsibility of the manufacturer, after completion of an RCM Declaration of Conformity and compliance with all relevant RCM Directives.



Bruce Zhang
Laboratory Manager

This report details the results of the testing carried out on one sample. The results contained in this test report do not relate to other samples of the same product and does not permit the use of the JYT product certification mark. The manufacturer should ensure that all products in series production are in conformity with the product sample detailed in this report.

This report may only be reproduced and distributed in full. If the product in this report is used in any configuration other than that detailed in the report, the manufacturer must ensure the new system complies with all relevant standards.

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2 Version

Version No.	Date	Description
00	15 Feb., 2022	Original

Tested by:

Mike.ou

Date:

15 Feb., 2022

Test Engineer

Reviewed by:

Winner Zhang

Date:

15 Feb., 2022

Project Engineer

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4 Test Summary

Test	Test Requirement	Test Method	Class / Severity	Result
Radiated Emission	AS/NZS CISPR 32	AS/NZS CISPR 32	Class B	PASS
Conducted Emission	AS/NZS CISPR 32	AS/NZS CISPR 32	Class B	PASS

Remark:
* UT is the nominal supply voltage.
Pass: Meet the requirements, N/A: not applicable.

5 General Information

5.1 Client Information

Applicant:	Nebra Ltd
Address:	Unit 4 Bells Yew Green Business Court, Bells Yew Green, Tunbridge Wells, East Sussex, TN3 9BJ
Manufacturer/ Factory:	Nebra Ltd
Address:	Unit 4 Bells Yew Green Business Court, Bells Yew Green, Tunbridge Wells, East Sussex, TN3 9BJ

5.2 General Description of E.U.T.

Product Name:	Nebra Indoor LoRa Gateway ROCK Pi 4 Version / Nebra Indoor Helium Hotspot ROCK Pi 4 Version
Model No.:	NEBHNT-HHRK4-433, NEBHNT-HHRK4-470, NEBHNT-HHRK4-868, NEBHNT-HHRK4-915, NEBHNT-HHRK4-433-2, NEBHNT-HHRK4-470-2, NEBHNT-HHRK4-868-2, NEBHNT-HHRK4-915-2, NEBHNT-HHRK4-433-3, NEBHNT-HHRK4-470-3, NEBHNT-HHRK4-868-3, NEBHNT-HHRK4-915-3, NEBHNT-HHRK4-433-3, NEBHNT-HHRK4-470-3, NEBHNT-HHRK4-868-3, NEBHNT-HHRK4-915-3
Hardware version:	v1
Software version:	781099d
AC adapter:	Model No.:R241-1202500I Input: AC100-240V, 50/60Hz 1.5 A Output: DC 12.0V, 2.5A
Remarks:	Model no.: NEBHNT-HHRK4-433, NEBHNT-HHRK4-470, NEBHNT-HHRK4-868, NEBHNT-HHRK4-915, NEBHNT-HHRK4-433-2, NEBHNT-HHRK4-470-2, NEBHNT-HHRK4-868-2, NEBHNT-HHRK4-915-2, NEBHNT-HHRK4-433-3, NEBHNT-HHRK4-470-3, NEBHNT-HHRK4-868-3, NEBHNT-HHRK4-915-3, NEBHNT-HHRK4-433-3, NEBHNT-HHRK4-470-3, NEBHNT-HHRK4-868-3, NEBHNT-HHRK4-915-3, The difference between the models is that the LoRa Radio module used inside is different for each variant. Along with a respective antenna for each region / frequency. The -2 and -3 flags at the end of the model number relates to the specific chip part number for the main LoRa chip.

5.3 Test mode and voltage

Working::	Keep the EUT in Lanlink mode
Test voltage:	AC 230V/50Hz
Remark:	1. During the test, pre-scan 120Vac/60Hz and 230Vac/50Hz of the Power supply, found 230Vac/50Hz was worse case mode. 2. The report only reflects the worst mode.

5.4 Description of Support Units

Manufacturer	Description	Model	S/N	FCC ID/DoC
Lenovo	Laptop	ThinkPad T14 Gen 1	SL10Z47277	DoC

5.5 Measurement Uncertainty

Parameter	Expanded Uncertainty (Confidence of 95%)
Conducted Emission (9kHz ~ 150KHz) for V-AMN	3.11 dB
Conducted Emission (150kHz ~ 30MHz) for V-AMN	2.62 dB
Conducted Emission (150kHz ~ 30MHz) for AAN	3.54 dB

Radiated Emission (9kHz ~ 30MHz electric field) for 3m SAC	3.13 dB
Radiated Emission (9kHz ~ 30MHz magnetic field) for 3m SAC	3.13 dB
Radiated Emission (30MHz ~ 1GHz) for 3m SAC	4.45 dB
Radiated Emission (1GHz ~ 18GHz) for 3m SAC	5.34 dB
Radiated Emission (18GHz ~ 40GHz) for 3m SAC	5.34 dB
Radiated Emission (30MHz ~ 1GHz) for 10m SAC	4.32 dB

5.6 Description of Cable Used

Cable Type	Description	Length	From	To
N/A	N/A	N/A	N/A	N/A

5.7 Laboratory Facility

The test facility is recognized, certified, or accredited by the following organizations:

- **FCC - Designation No.: CN1211**

JianYan Testing Group Shenzhen Co., Ltd. has been accredited as a testing laboratory by FCC(Federal Communications Commission). The test firm Registration No. is 727551.

- **ISED – CAB identifier.: CN0021**

The 3m Semi-anechoic chamber of JianYan Testing Group Shenzhen Co., Ltd. has been Registered by Certification and Engineering Bureau of Industry Canada for radio equipment testing with Registration No.: 10106A-1.

- **A2LA - Registration No.: 4346.01**

This laboratory is accredited in accordance with the recognized International Standard ISO/IEC 17025:2017 General requirements for the competence of testing and calibration laboratories. The test scope can be found as below link: <https://portal.a2la.org/scopepdf/4346-01.pdf>

5.8 Laboratory Location

JianYan Testing Group Shenzhen Co., Ltd.

Address: No.101, Building 8, Innovation Wisdom Port, No.155 Hongtian Road, Huangpu Community, Xinqiao Street, Bao'an District, Shenzhen, Guangdong, People's Republic of China.

Tel: +86-755-23118282, Fax:+86-755-23116366

Email: info-JYTee@lets.com, Website: <http://jyt.lets.com>

5.9 Monitoring of EUT for the Immunity Test

Visual:	Monitored the display of EUT
Sound:	N/A
Other:	Monitored the data link of EUT

5.10 Test Instruments list

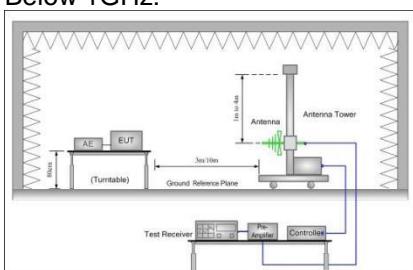
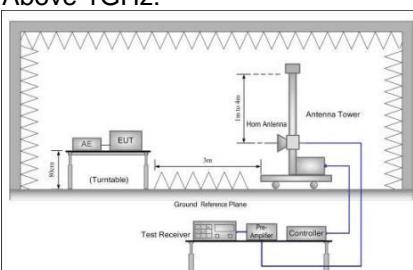
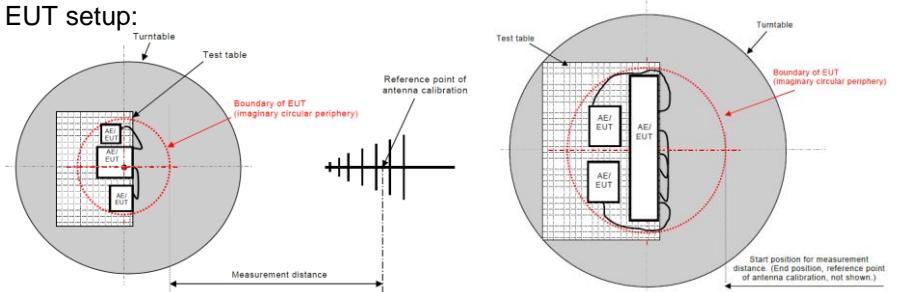
Radiated Emission:					
Test Equipment	Manufacturer	Model No.	Serial No.	Cal.Date (mm-dd-yy)	Cal.Due date (mm-dd-yy)
3m SAC	ETS	RFD-100	Q1984	04-14-2021	04-13-2024
BiConiLog Antenna	SCHWARZBECK	VULB9163	9163-1246	03-07-2021	03-06-2022
Biconical Antenna	SCHWARZBECK	VUBA 9117	9117#359	06-17-2021	06-17-2022
Horn Antenna	SCHWARZBECK	BBHA9120D	912D-916	03-07-2021	03-06-2022
Broad-Band Horn Antenna	SCHWARZBECK	BBHA9170	1067	04-02-2021	04-01-2022
Broad-Band Horn Antenna	SCHWARZBECK	BBHA9170	1068	04-02-2021	04-01-2022
EMI Test Receiver	Rohde & Schwarz	ESRP7	101070	03-03-2021	03-02-2022
Spectrum analyzer	Rohde & Schwarz	FSP30	101454	03-03-2021	03-02-2022
Spectrum analyzer	Keysight	N9010B	MY60240202	11-27-2020	11-26-2021
Simulated Station	Anritsu	MT8820C	6201026545	03-03-2021	03-02-2022
Low Pre-amplifier	SCHWARZBECK	BBV9743B	00305	03-07-2021	03-06-2022
High Pre-amplifier	SKET	LNPA_0118G-50	MF280208233	03-07-2021	03-06-2022
Cable	Qualwave	JYT3M-1G-NN-8M	JYT3M-1	03-07-2021	03-06-2022
Cable	Qualwave	JYT3M-18G-NN-8M	JYT3M-2	03-07-2021	03-06-2022
Cable	Qualwave	JYT3M-1G-BB-5M	JYT3M-3	03-07-2021	03-06-2022
Cable	Bost	JYT3M-40G-SS-8M	JYT3M-4	04-02-2021	04-01-2022
EMI Test Software	Tonscend	TS+	Version:3.0.0.1		

Conducted Emission:					
Test Equipment	Manufacturer	Model No.	Serial No.	Cal. Date (mm-dd-yy)	Cal. Due date (mm-dd-yy)
EMI Test Receiver	Rohde & Schwarz	ESCI 3	101189	03-03-2021	03-02-2022
LISN	Rohde & Schwarz	ENV432	101602	04-06-2021	04-05-2022
LISN	Rohde & Schwarz	ESH3-Z5	843862/010	06-18-2020	06-17-2022
ISN	Schwarzbeck	CAT3 8158	#96	03-03-2021	03-02-2022
ISN	Schwarzbeck	CAT5 8158	#166	03-03-2021	03-02-2022
ISN	Schwarzbeck	NTFM 8158	#126	03-03-2021	03-02-2022
RF Switch	TOP PRECISION	RSU0301	N/A	03-03-2021	03-02-2022
Cable	Bost	JYTCE-1G-NN-2M	JYTCE-1	03-03-2021	03-02-2022
Cable	Bost	JYTCE-1G-BN-3M	JYTCE-2	03-03-2021	03-02-2022
EMI Test Software	AUDIX	E3	Version: 6.110919b		

6 Test Results

6.1 EMI (Emission)

6.1.1 Radiated Emission

Test Requirement:	EN 55032								
Test Method:	EN 55032								
Test Frequency Range:	30MHz to 6GHz								
Test Distance:	3m								
Receiver setup:	Frequency	Detector	RBW	VBW	Remark				
	30MHz-1GHz	Quasi-peak	100kHz	300kHz	QP Value				
	Above 1GHz	Peak	1MHz	3MHz	PK Value				
ITE Limit:	Average	1MHz	3MHz	3MHz	AV Value				
	Frequency	Limit (dBuV/m @3m)		Remark					
	30MHz-230MHz	40.0		QP Value					
	230MHz-1GHz	47.0		QP Value					
	1GHz-3GHz	50.0		AV Value					
		70.0		PK Value					
	3GHz-6GHz	54.0		AV Value					
		74.0		PK Value					
FM Receiver limit:	Frequency	Limit (dBuV/m @3m)			Remark				
		Fundamental	Harmonics						
	30MHz-230MHz	60	52	QP Value					
	230MHz-300MHz		52	QP Value					
	300MHz-1000MHz		56	QP Value					
Test setup:	Below 1GHz:		Above 1GHz:						
									
	EUT setup:								
	Test Procedure:		30MHz to 1GHz: <ol style="list-style-type: none"> The radiated emissions test was conducted in a semi-anechoic chamber. The table top EUT was placed upon a non-metallic table 0.8m above the ground reference plane. And for floor-standing arrangement, the EUT was placed on the horizontal ground reference plane, but separated from metallic contact with the ground reference plane by 0.1m of insulation. Before final measurements of radiated emissions, a pre-scan was performed in the spectrum mode with the peak detector to find out the maximum emissions spectrum plots of the EUT. The frequencies of maximum emission were determined in the final radiated emissions measurement. At each frequency, the EUT was rotated 360°, and the antenna was raised and lowered from 1 to 4 meters 						

	<p>in order to determine the maximum disturbance. Measurements were performed for both horizontal and vertical antenna polarization.</p> <p>Above 1GHz:</p> <ol style="list-style-type: none">1. The radiated emissions test was conducted in a fully-anechoic chamber.2. The table top EUT was placed upon an non-metallic table 0.8m above the ground reference plane. And for floor-standing arrangement, the EUT was placed on the horizontal ground reference plane, but separated from metallic contact with the ground reference plane by 0.1m of insulation.3. Before final measurements of radiated emissions, a pre-scan was performed in the spectrum mode with the peak detector to find out the maximum emission spectrum plots of the EUT.4. The frequencies of maximum emission were determined in the final radiated emissions measurement. At each frequency, the EUT was rotated 360°, and the antenna was raised and lowered from 1 to 4 meters in order to determine the maximum disturbance. Measurements were performed for both horizontal and vertical antenna polarization.
Test Instruments:	Refer to section 5.10 for details
Test mode:	Refer to section 5.3 for details
Test results:	Passed

Measurement Data:**Below 1GHz:**

Product Name:	Nebra Indoor LoRa Gateway ROCK Pi 4 Version / Nebra Indoor Helium Hotspot ROCK Pi 4 Version	Product Model:	NEBHNT-HHRK4-868
Test By:	Mike	Test mode:	Working mode
Test Frequency:	30 MHz ~ 1 GHz	Polarization:	Vertical
Test Voltage:	AC 230/50Hz	Environment:	Temp: 22.1°C Huni: 55%

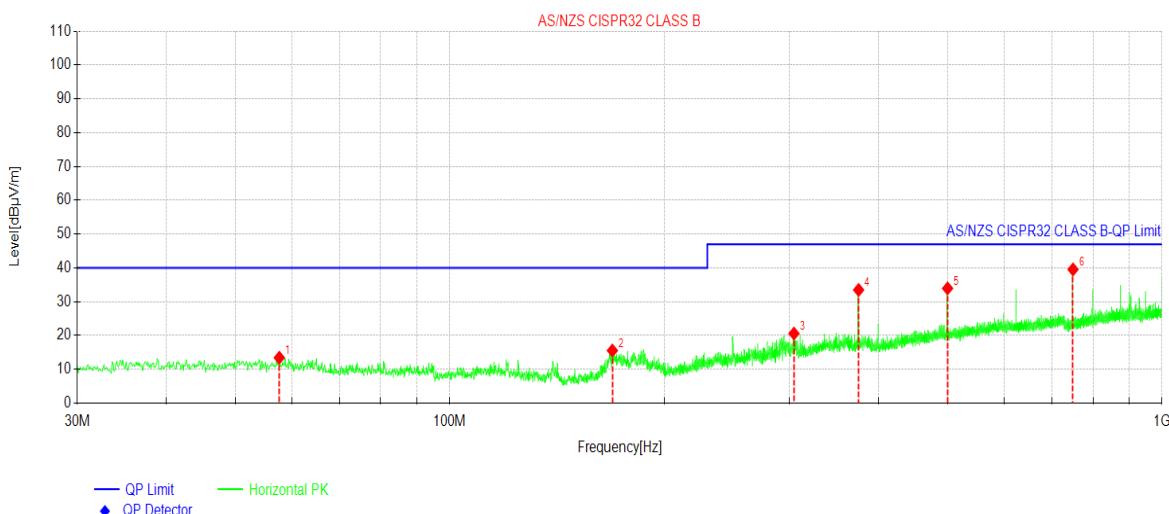


NO.	Freq. [MHz]	Reading[dB μ V/m]	Level [dB μ V/m]	Factor [dB]	Limit [dB μ V/m]	Margin [dB]	Trace	Polarity
1	50.5661	38.24	23.54	-14.70	40.00	16.46	PK	Vertical
2	87.8178	42.67	25.17	-17.50	40.00	14.83	PK	Vertical
3	124.972	39.77	23.01	-16.76	40.00	16.99	PK	Vertical
4	250.018	36.27	22.48	-13.79	47.00	24.52	PK	Vertical
5	500.012	43.08	36.12	-6.96	47.00	10.88	PK	Vertical
6	750.103	46.64	42.90	-3.74	47.00	4.10	PK	Vertical

Remark:

- Final Level = Receiver Read level + Antenna Factor + Cable Loss – Preamplifier Factor.
- The emission levels of other frequencies are very lower than the limit and not show in test report.

Product Name:	Nebra Indoor LoRa Gateway ROCK Pi 4 Version / Nebra Indoor Helium Hotspot ROCK Pi 4 Version	Product Model:	NEBHNT-HHRK4-868
Test By:	Mike	Test mode:	Working mode
Test Frequency:	30 MHz ~ 1 GHz	Polarization:	Horizontal
Test Voltage:	AC 230/50Hz	Environment:	Temp: 22.1 °C Huni: 55%



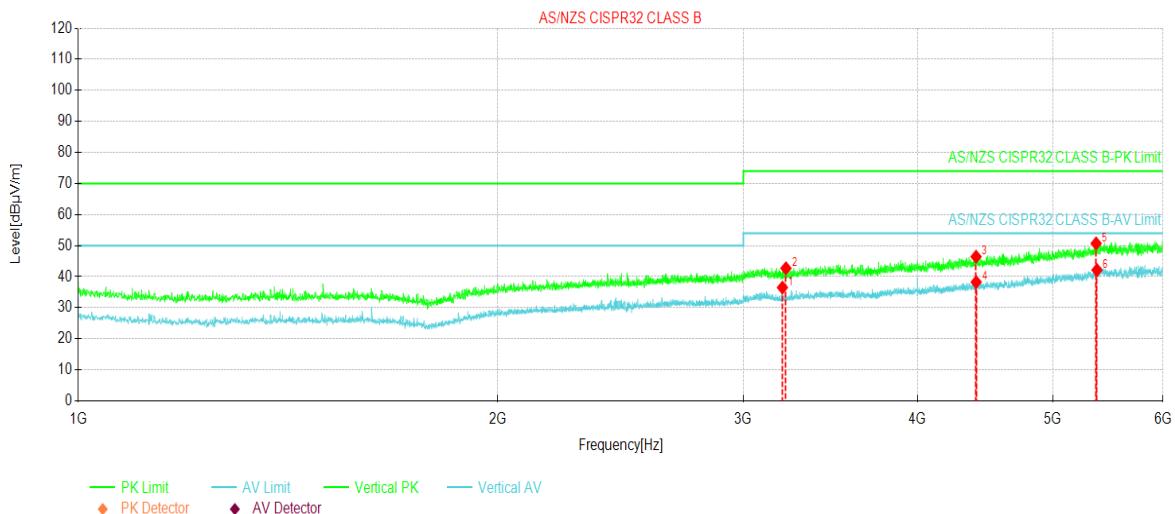
NO.	Freq. [MHz]	Reading[dB μ V/m]	Level [dB μ V/m]	Factor [dB]	Limit [dB μ V/m]	Margin [dB]	Trace	Polarity
1	57.6478	28.27	13.44	-14.83	40.00	26.56	PK	Horizontal
2	169.208	32.58	15.55	-17.03	40.00	24.45	PK	Horizontal
3	304.343	33.16	20.57	-12.59	47.00	26.43	PK	Horizontal
4	375.063	44.35	33.47	-10.88	47.00	13.53	PK	Horizontal
5	500.012	40.90	33.94	-6.96	47.00	13.06	PK	Horizontal
6	750.103	43.28	39.54	-3.74	47.00	7.46	PK	Horizontal

Remark:

1. Final Level = Receiver Read level + Antenna Factor + Cable Loss – Preamplifier Factor.
2. The emission levels of other frequencies are very lower than the limit and not show in test report.

Above 1GHz:

Product Name:	Nebra Indoor LoRa Gateway ROCK Pi 4 Version / Nebra Indoor Helium Hotspot ROCK Pi 4 Version	Product Model:	NEBHNT-HHRK4-868
Test By:	Mike	Test mode:	Working mode
Test Frequency:	1 GHz ~ 6 GHz	Polarization:	Vertical
Test Voltage:	AC 230/50Hz		

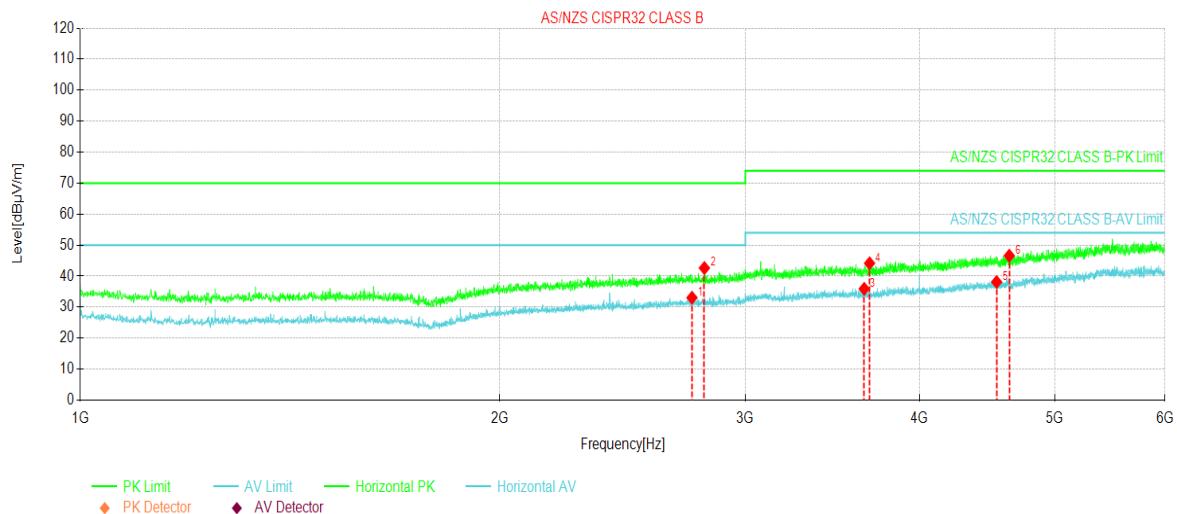


NO.	Freq. [MHz]	Reading[dB μ V/m]	Level [dB μ V/m]	Factor [dB]	Limit [dB μ V/m]	Margin [dB]	Trace	Polarity
1	3200.00	52.44	36.51	-15.93	54.00	17.49	AV	Vertical
2	3218.75	58.56	42.69	-15.87	74.00	31.31	PK	Vertical
3	4406.25	57.59	46.43	-11.16	74.00	27.57	PK	Vertical
4	4406.87	49.40	38.25	-11.15	54.00	15.75	AV	Vertical
5	5372.50	56.83	50.70	-6.13	74.00	23.30	PK	Vertical
6	5380.00	48.19	42.12	-6.07	54.00	11.88	AV	Vertical

Remark:

- Final Level = Receiver Read level + Antenna Factor + Cable Loss + Aux Factor – Preamplifier Factor.
- The emission levels of other frequencies are lower than the limit 20dB and not show in test report.

Product Name:	Nebra Indoor LoRa Gateway ROCK Pi 4 Version / Nebra Indoor Helium Hotspot ROCK Pi 4 Version	Product Model:	NEBHNT-HHRK4-868
Test By:	Mike	Test mode:	Working mode
Test Frequency:	1 GHz ~ 6 GHz	Polarization:	Horizontal
Test Voltage:	AC 230/50Hz		



NO.	Freq. [MHz]	Reading [dB μ V/m]	Level [dB μ V/m]	Factor [dB]	Limit [dB μ V/m]	Margin [dB]	Trace	Polarity
1	2746.87	50.61	33.04	-17.57	50.00	16.96	AV	Horizontal
2	2803.75	60.15	42.62	-17.53	70.00	27.38	PK	Horizontal
3	3650.62	50.59	35.90	-14.69	54.00	18.10	AV	Horizontal
4	3683.12	58.69	44.14	-14.55	74.00	29.86	PK	Horizontal
5	4543.12	48.72	38.10	-10.62	54.00	15.90	AV	Horizontal
6	4639.37	56.69	46.58	-10.11	74.00	27.42	PK	Horizontal

Remark:

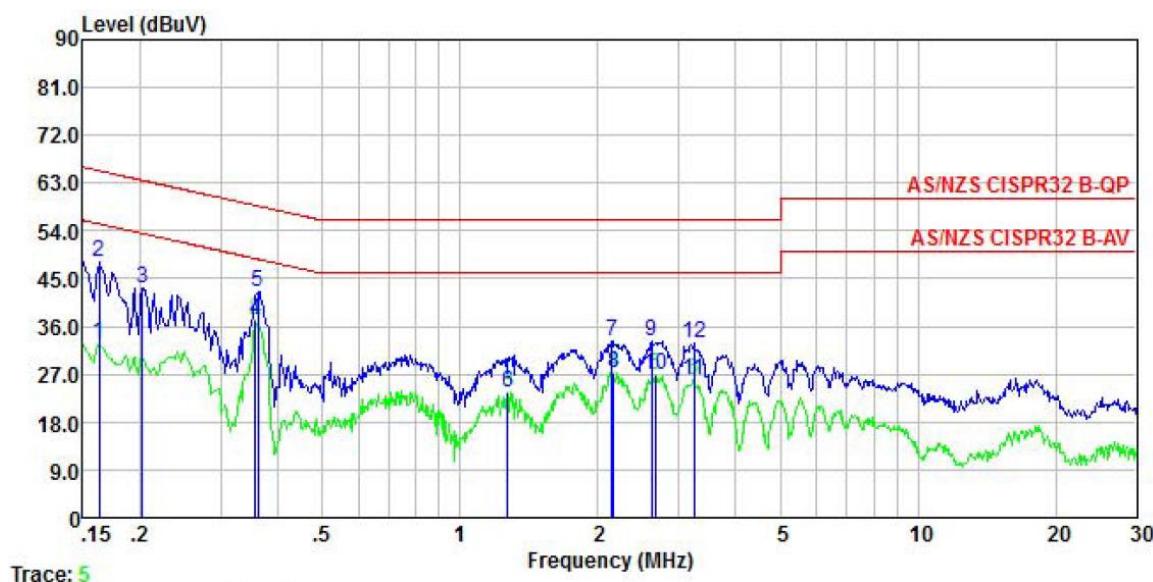
- Final Level = Receiver Read level + Factor(Antenna Factor + Cable Loss – Preamplifier Factor).
- The emission levels of other frequencies are lower than the limit 20dB and not show in test report.

6.1.2 Conducted Emission

Test Requirement:	EN 55032		
Test Method:	EN 55032		
Test Frequency Range:	150kHz to 30MHz		
Class / Severity:	Class B		
Receiver setup:	RBW = 9kHz, VBW = 30kHz		
Limit:	Frequency range (MHz)	Limit (dBuV)	
		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.			
Test setup:	<p>Reference Plane</p> <p>LISN</p> <p>AUX Equipment</p> <p>E.U.T</p> <p>Test table/Insulation plane</p> <p>80cm</p> <p>40cm</p> <p>LISN</p> <p>Filter</p> <p>AC power</p> <p>EMI Receiver</p> <p>Remark: E.U.T: Equipment Under Test LISN: Line Impedance Stabilization Network Test table height=0.8m</p>		
Test procedure	<p>The E.U.T and simulators are connected to the main power through a line impedance stabilization network (L.I.S.N.). Which provide a 50ohm/50uH coupling impedance for the measuring equipment. The peripheral devices are also connected to the main power through a LISN that provides a 50ohm/50uH coupling impedance with 50ohm termination. (Please refers to the block diagram of the test setup and photographs). Both sides of A.C. line are checked for maximum conducted interference. In order to find the maximum emission, the relative positions of equipment and all of the interface cables must be changed according to EN55032 Class B on conducted measurement.</p>		
Test Instruments:	Refer to section 5.10 for details		
Test mode:	Refer to section 5.3 for details		
Test results:	Passed		

Measurement Data:

Product name:	Nebra Indoor LoRa Gateway ROCK Pi 4 Version / Nebra Indoor Helium Hotspot ROCK Pi 4 Version	Product model:	NEBHNT-HHRK4-868
Test by:	Mike	Test mode:	Working mode
Test frequency:	150 kHz ~ 30 MHz	Phase:	Line
Test voltage:	AC 230 V/50 Hz	Environment:	Temp: 20.4°C Huni: 54%

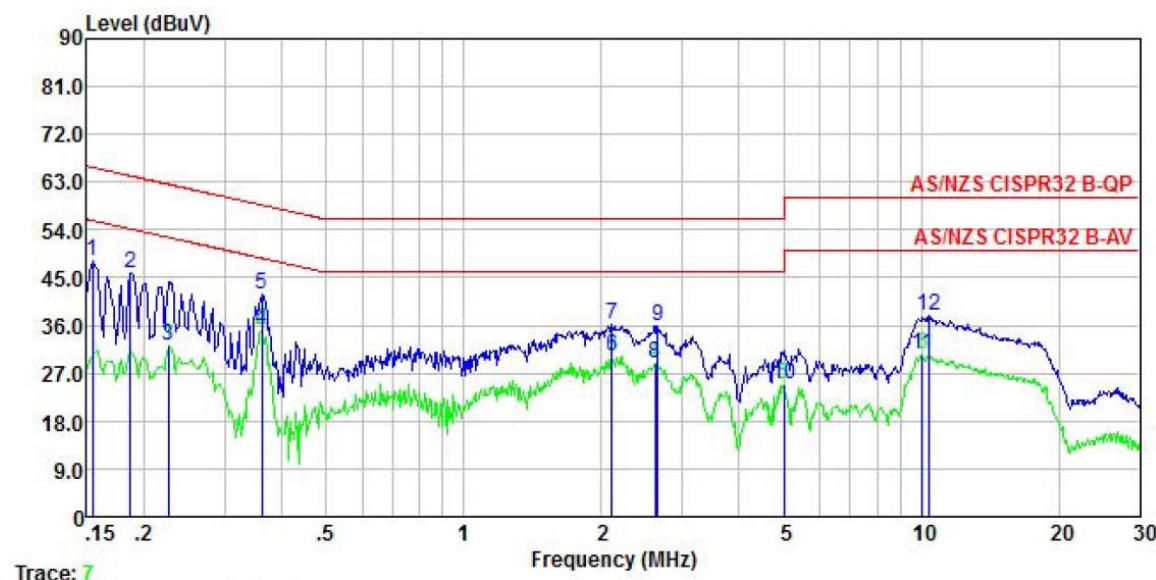


	Freq	Read Level	LISN Factor	Cable Loss	Level	Limit	Over Line	Over Limit	Remark
	MHz	dBuV	dB	dB	dBuV	dBuV	dB	dB	
1	0.162	32.77	0.04	0.01	32.82	55.34	-22.52	Average	
2	0.162	47.94	0.04	0.01	47.99	65.34	-17.35	QP	
3	0.202	43.18	0.04	0.04	43.26	63.54	-20.28	QP	
4	0.358	36.98	0.04	0.02	37.04	48.78	-11.74	Average	
5	0.361	42.51	0.04	0.02	42.57	58.69	-16.12	QP	
6	1.269	23.57	0.06	0.10	23.73	46.00	-22.27	Average	
7	2.144	33.00	0.07	0.18	33.25	56.00	-22.75	QP	
8	2.167	27.08	0.07	0.18	27.33	46.00	-18.67	Average	
9	2.622	33.09	0.08	0.11	33.28	56.00	-22.72	QP	
10	2.664	26.80	0.08	0.11	26.99	46.00	-19.01	Average	
11	3.241	25.78	0.09	0.07	25.94	46.00	-20.06	Average	
12	3.241	32.58	0.09	0.07	32.74	56.00	-23.26	QP	

Notes:

- An initial pre-scan was performed on the line and neutral lines with peak detector.
- Quasi-Peak and Average measurement were performed at the frequencies with maximized peak emission.
- Final Level = Receiver Read level + LISN Factor + Cable Loss.

Product name:	Nebra Indoor LoRa Gateway ROCK Pi 4 Version / Nebra Indoor Helium Hotspot ROCK Pi 4 Version	Product model:	NEBHNT-HHRK4-868
Test by:	Mike	Test mode:	Working mode
Test frequency:	150 kHz ~ 30 MHz	Phase:	Neutral
Test voltage:	AC 230 V/50 Hz	Environment:	Temp: 20.4°C Huni: 54%



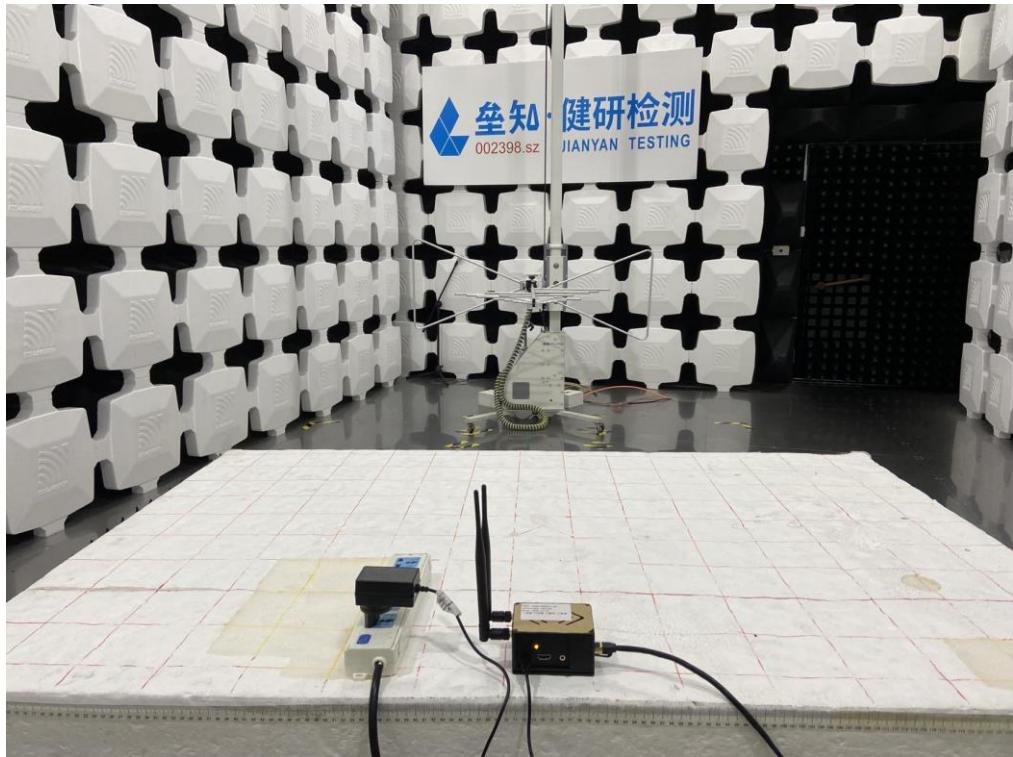
Freq MHz	Read Level dBuV	LISN Factor	Cable Loss dB	Line Level dBuV	Limit Line dBuV	Over Line dB	Remark
	dB	dB	dB	dBuV	dBuV	dB	
1	0.154	48.23	0.05	0.01	48.29	65.78	-17.49 QP
2	0.186	45.80	0.04	0.02	45.86	64.20	-18.34 QP
3	0.226	32.22	0.04	0.02	32.28	52.61	-20.33 Average
4	0.361	35.27	0.04	0.02	35.33	48.69	-13.36 Average
5	0.361	41.72	0.04	0.02	41.78	58.69	-16.91 QP
6	2.110	30.05	0.06	0.19	30.30	46.00	-15.70 Average
7	2.110	35.81	0.06	0.19	36.06	56.00	-19.94 QP
8	2.622	28.82	0.07	0.11	29.00	46.00	-17.00 Average
9	2.650	35.70	0.07	0.11	35.88	56.00	-20.12 QP
10	5.005	24.74	0.10	0.09	24.93	50.00	-25.07 Average
11	10.072	30.08	0.19	0.13	30.40	50.00	-19.60 Average
12	10.397	37.41	0.19	0.12	37.72	60.00	-22.28 QP

Notes:

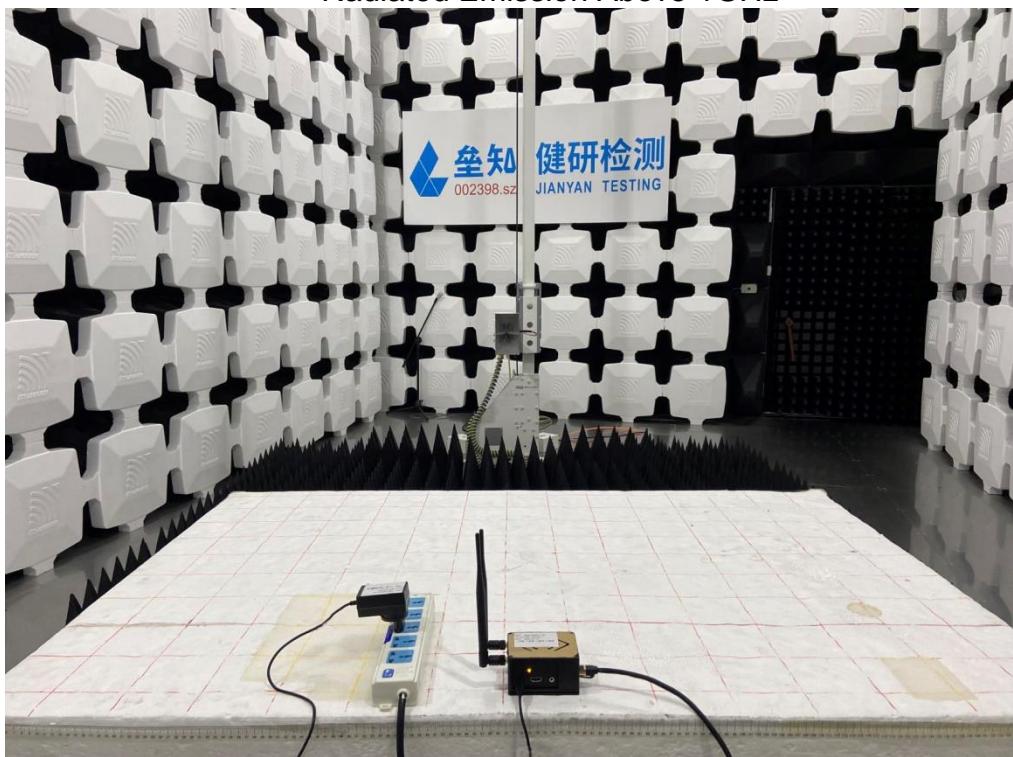
- An initial pre-scan was performed on the line and neutral lines with peak detector.
- Quasi-Peak and Average measurement were performed at the frequencies with maximized peak emission.
- Final Level =Receiver Read level + LISN Factor + Cable Loss.

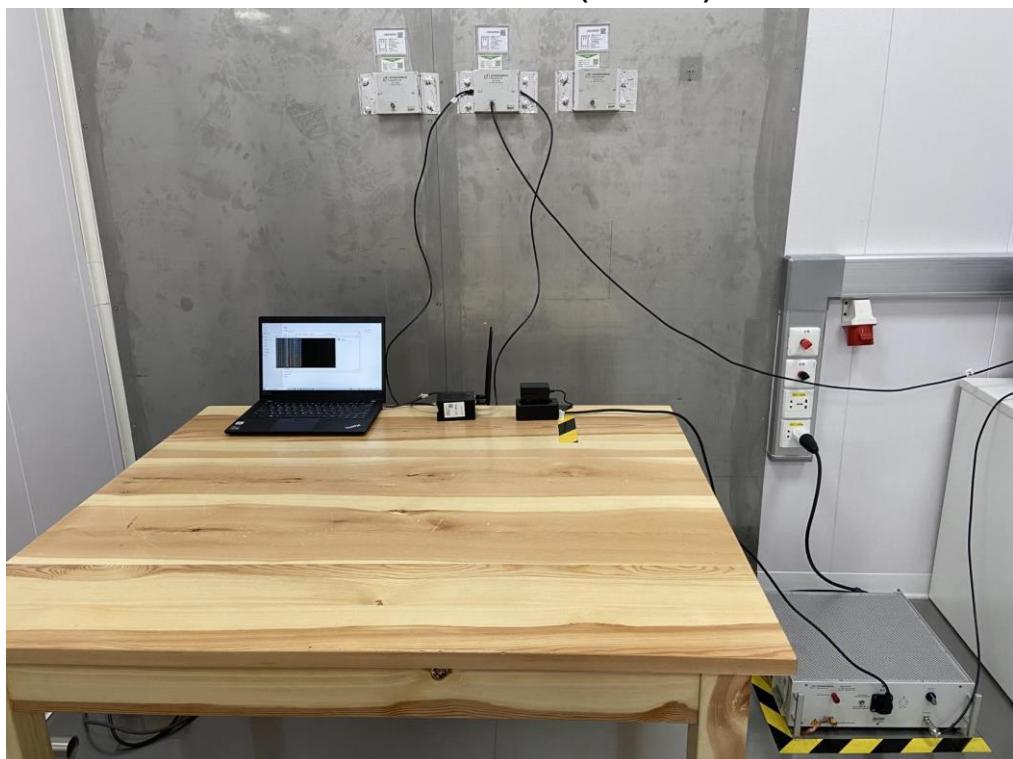
7 Test Setup Photo

Radiated Emission Below 1GHz



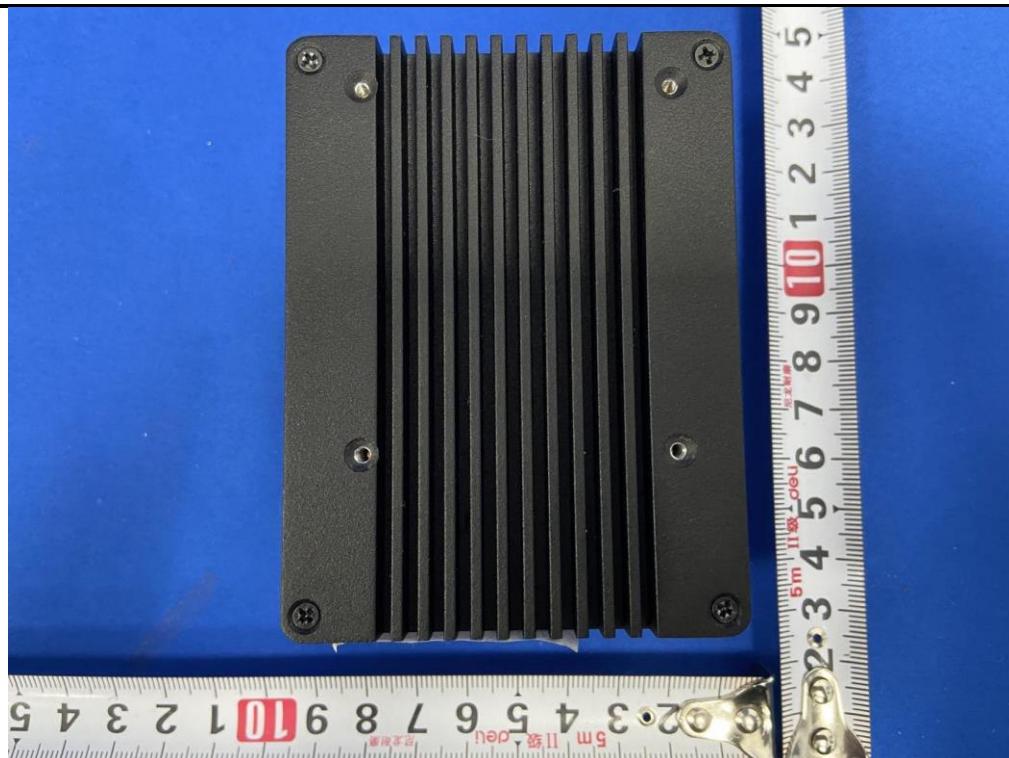
Radiated Emission Above 1GHz



Conducted Emission (AC Main Port)**Conducted Emission (LAN Port)**

8 EUT Constructional Details



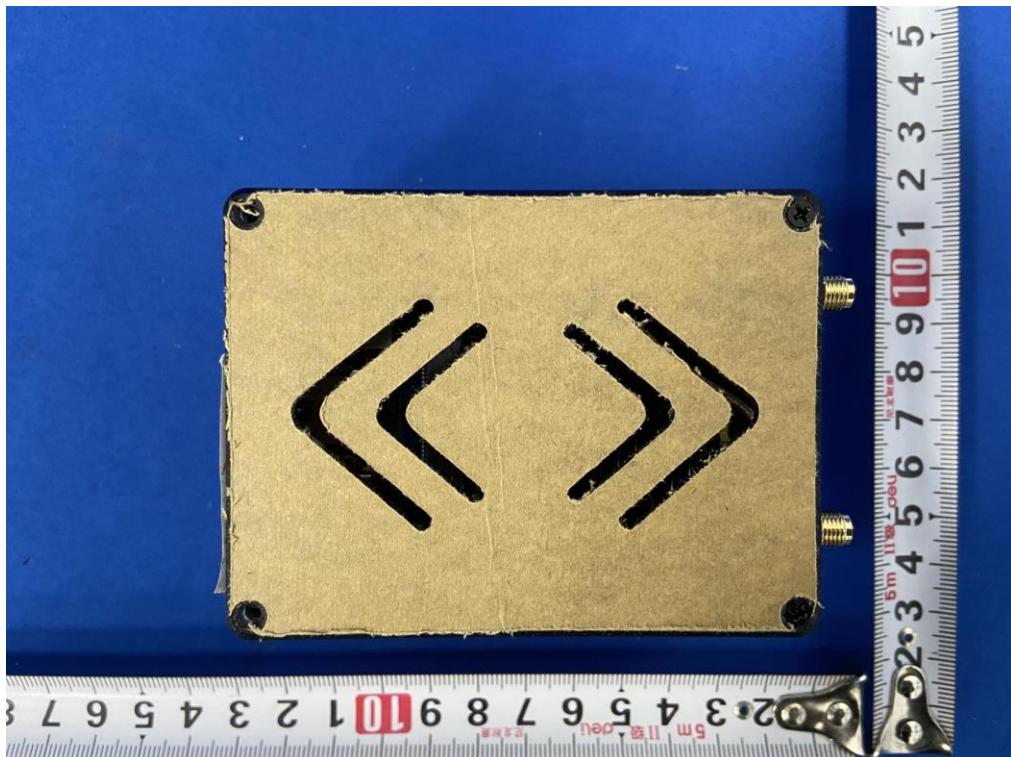
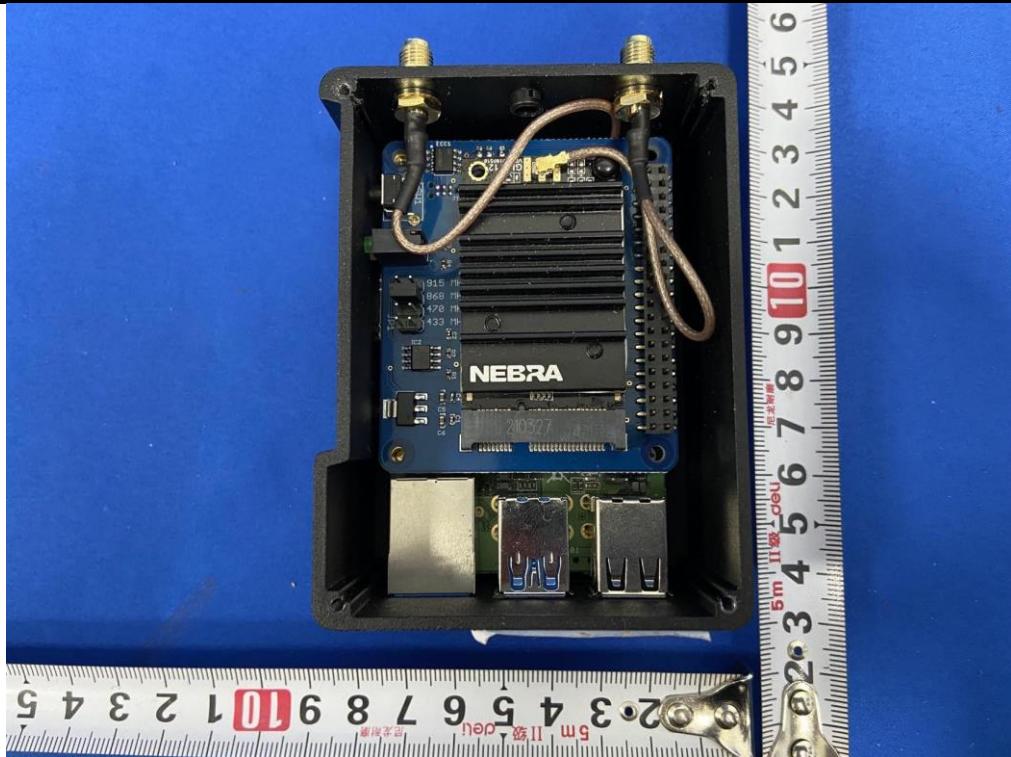


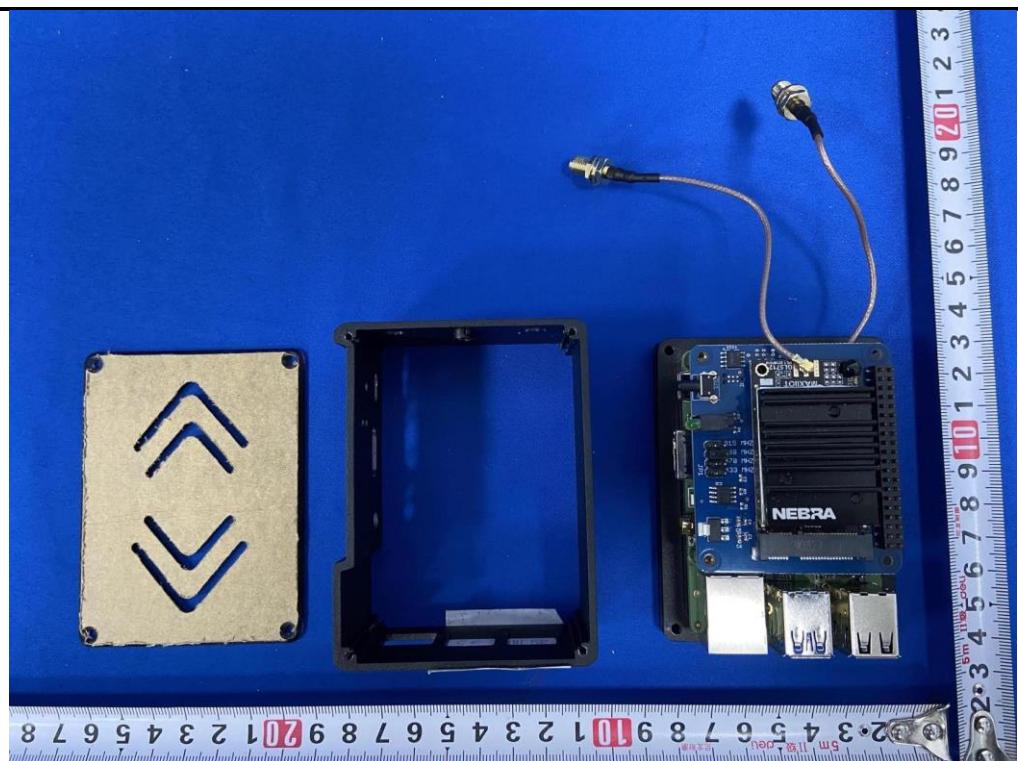


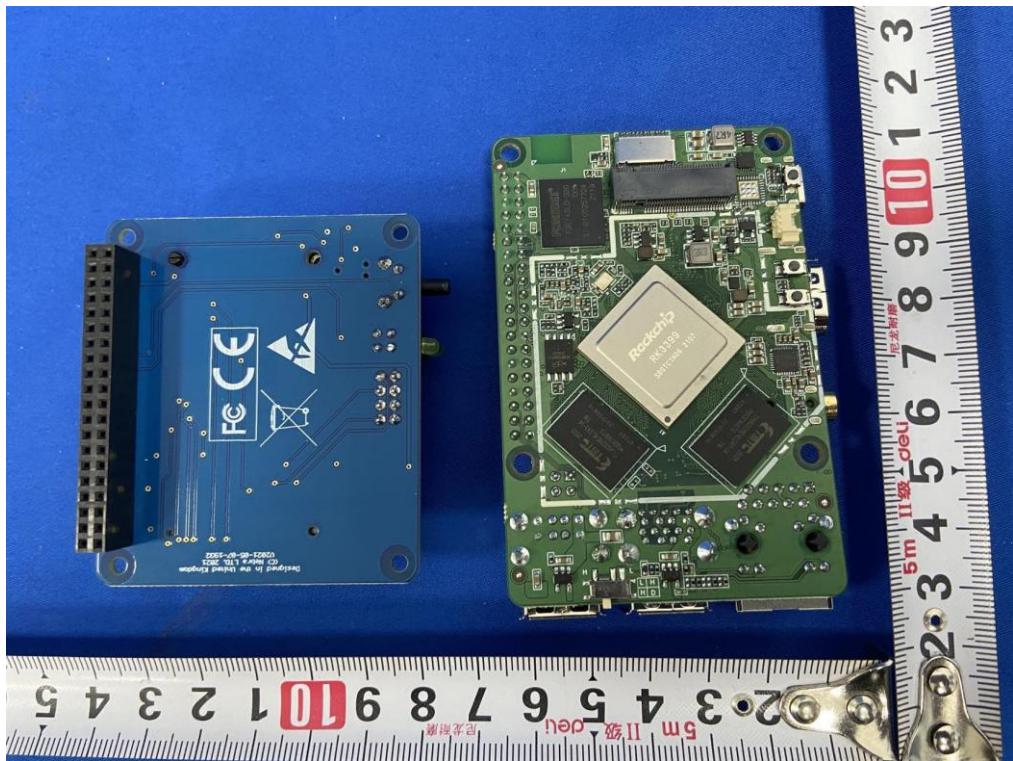
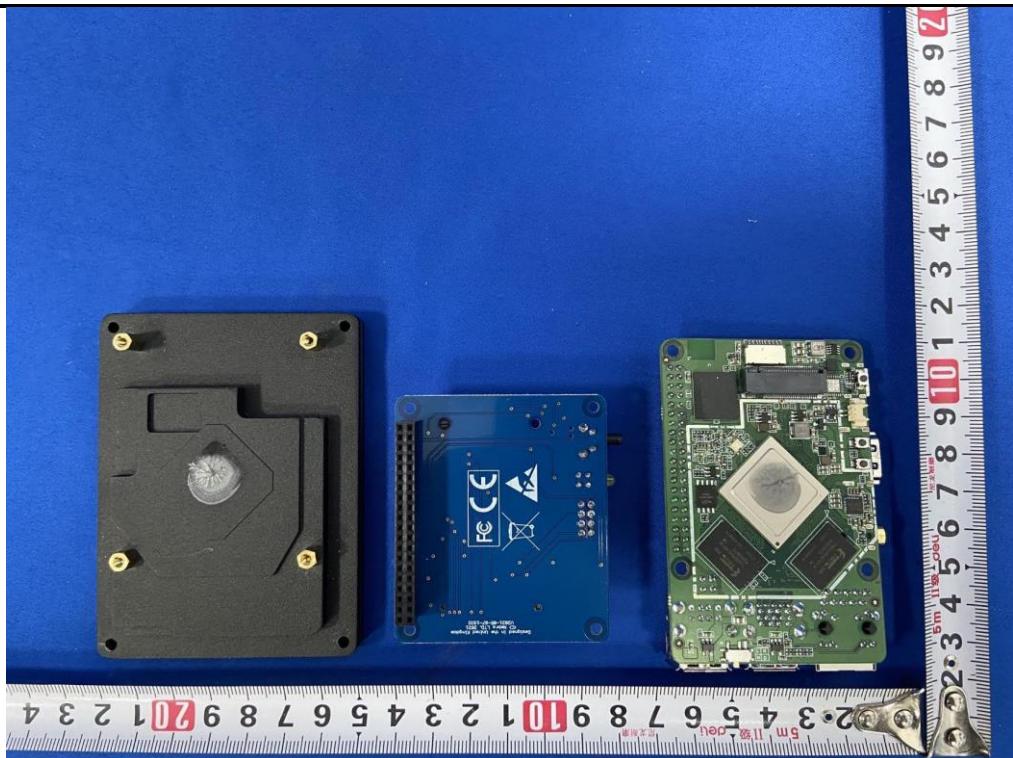


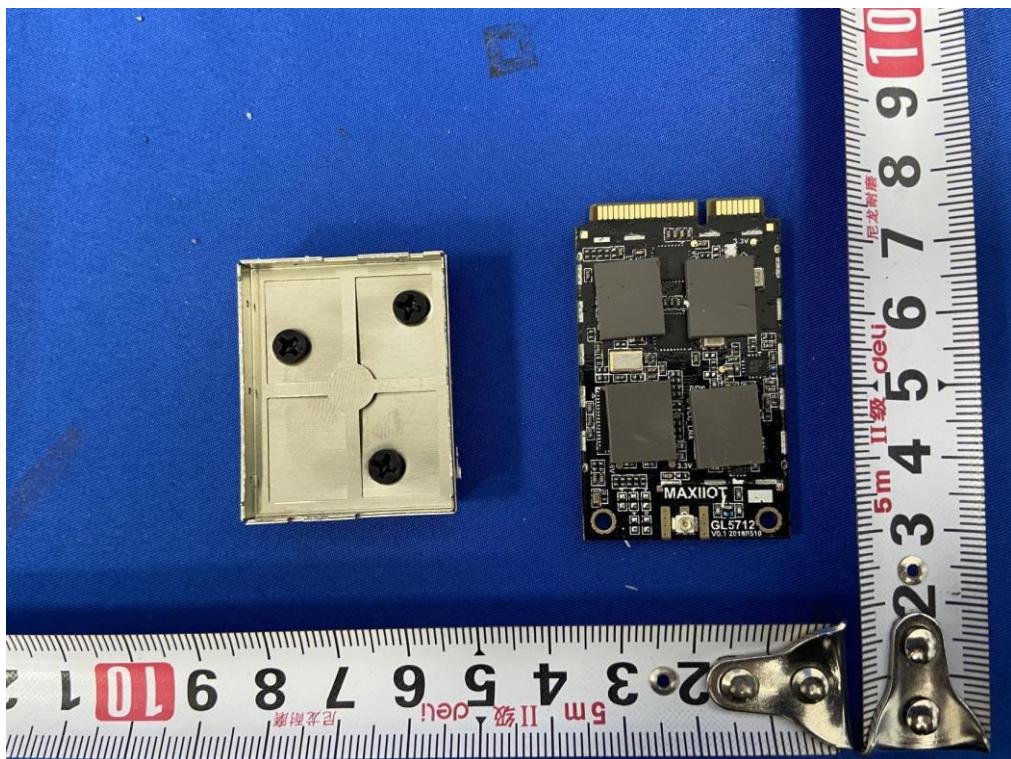
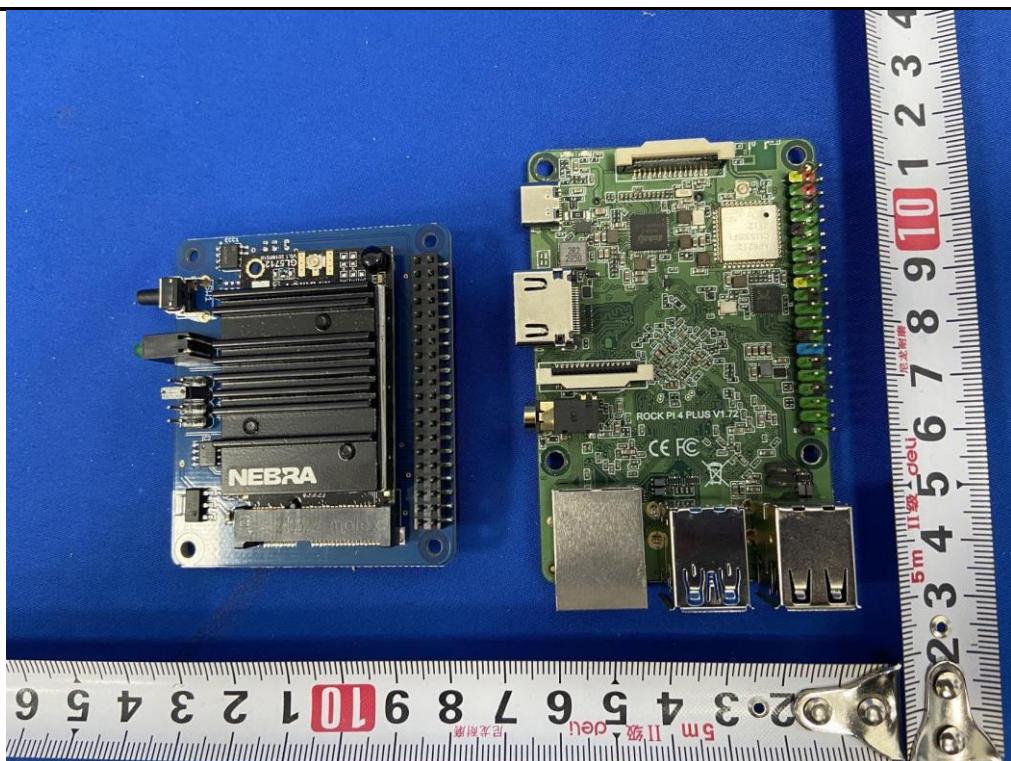


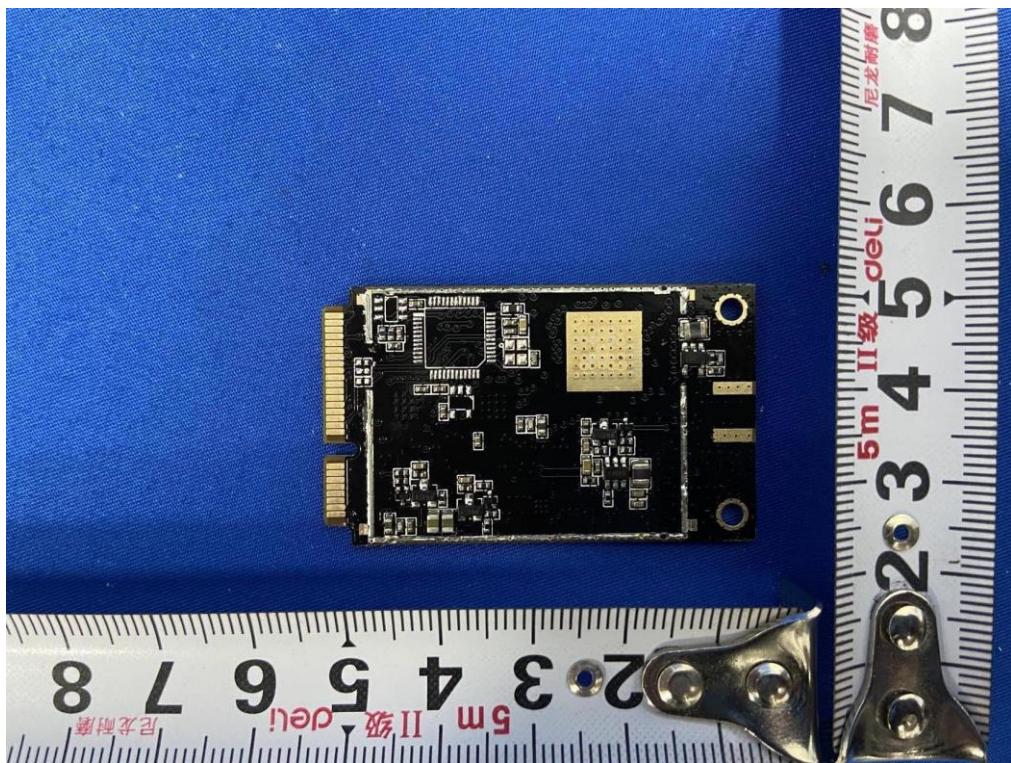
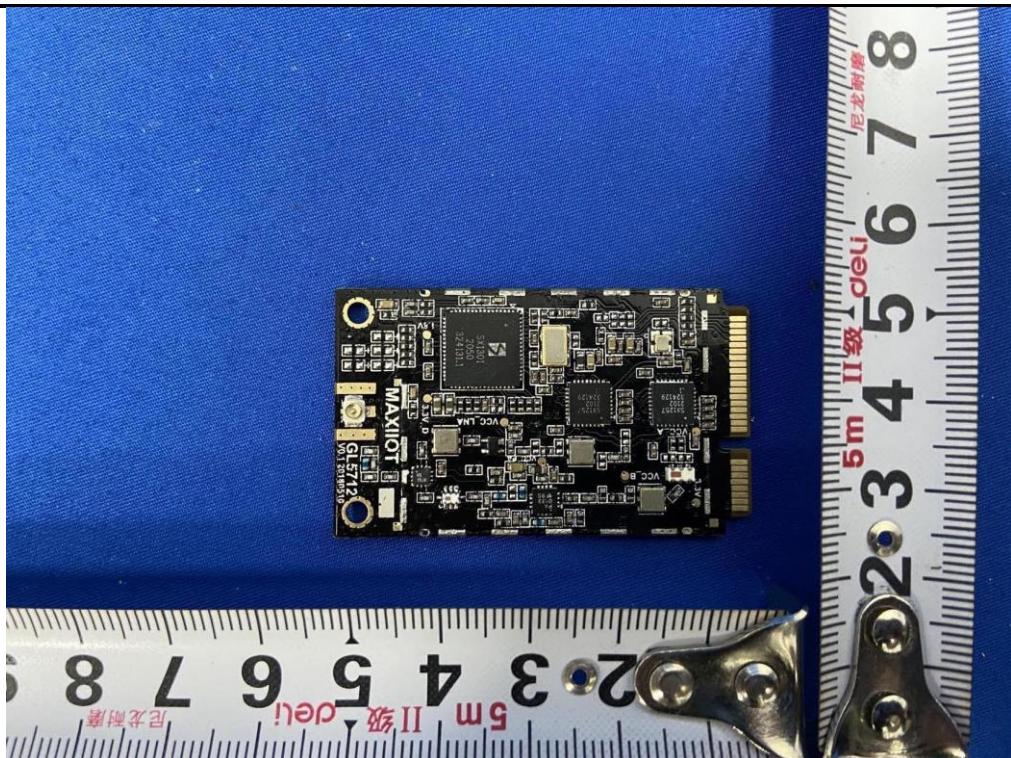


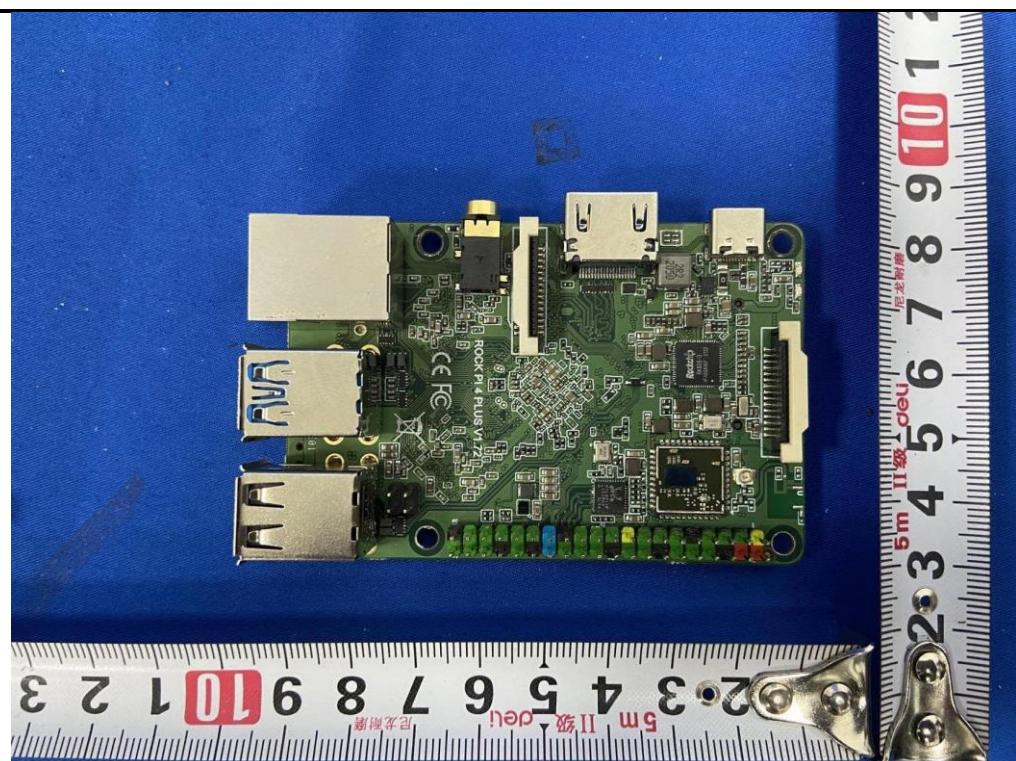














-----End of report-----