

FCC RF EXPOSURE REPORT

FCC ID: 2AYYO-G200CUS

Test Report No.....: RF260128007-01-005

Product(s) Name.....: LoRaWan Gateway

Model(s).....: G200C-HU915

Trade Mark.....: EasyLinkin

Applicant.....: SHENZHEN EASYLINKIN TECHNOLOGY CO., LTD

Address.....: 705, zhongdian Difu Building, Zhenghua Road, Huaqiang North Street,
Futian District,Shenzhen, China

Receipt Date.....: 2026.01.15

Test Date.....: 2026.01.16 ~ 2026.02.09

Issued Date.....: 2026.02.10

Standards.....: FCC Guidelines for Human Exposure IEEE C95.1
FCC Title 47 Part 2.1091
KDB 447498 D01 General RF Exposure Guidance v06

Testing Laboratory.....: Shenzhen Haiyun Standard Technical Co., Ltd.

Prepared By:	Checked By:	Approved By:	
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<i>Jason Huang</i>	<i>Black Ding</i>	<i>Tim Zhang</i>	

History of this test report

Original Report Issue Date: 2026.02.10

- ☒ No additional attachment
- ☐ Additional attachments were issued following record

Attachment No.	Issue Date	Description

1. MPE CALCULATION METHOD

Radio Frequency Exposure Limit

Frequency range (MHz)	Electric field strength (V/m)	Magnetic field strength (A/m)	Power density (mW/cm ²)
300-1,500	--	--	f/1500
1,500-100,000	--	--	1.0

Calculation Method of RF Safety Distance:

$$S = \frac{PG}{4\pi r^2} = \frac{EIRP}{4\pi r^2}$$

where:

S = power density

P = power input to the antenna

G = power gain of the antenna in the direction of interest relative to an isotropic radiator

R = distance to the center of radiation of the antenna

Table for Filed Antenna

For 2.4G WIFI

Antenna gain	Antenna Type
1.60dBi	External Antenna

For LoRa

Antenna gain	Antenna Type
1.21dBi	External Antenna

For WCDMA<E

Operating Mode	Antenna gain	Antenna Type
WCDMA Band V	-0.84dBi	External Antenna
WCDMA Band IV	5.40dBi	External Antenna
WCDMA Band II	3.90dBi	External Antenna
LTE Band 2	3.90dBi	External Antenna
LTE Band 4	5.40dBi	External Antenna
LTE Band 5	-0.84dBi	External Antenna
LTE Band 12	-0.98dBi	External Antenna
LTE Band 13	-1.01dBi	External Antenna
LTE Band 66	5.40dBi	External Antenna
LTE Band 71	-0.98dBi	External Antenna
LTE Band 14	-1.01dBi	External Antenna

2. TEST RESULTS

Worst case as below

Operating Mode	Freq.	Turn_up power	Directional Antenna Gain	Calculated maximum EIRP		MPE Limit	MPE Value
	(MHz)	(dBm)	(dBi)	(dBm)	(mW)	(mW/cm ²)	
Lora-DTS	902-928	7	1.21	8.21	6.62	0.601	0.0013
2.4G Wifi	2412-2462	16.00	1.60	17.60	57.54	1	0.0114
WCDMA Band V	824-849	25	-0.84	24.16	260.62	0.549	0.0518
WCDMA Band IV	1710-1755	25	5.40	30.40	1096.48	1	0.2181
WCDMA Band II	1850-1910	25	3.90	28.90	776.25	1	0.1544
LTE Band 2	1850-1910	25	3.90	28.90	776.25	1	0.1544
LTE Band 4	1710-1755	25	5.40	30.40	1096.48	1	0.2181
LTE Band 5	824-849	25	-0.84	24.16	260.62	0.549	0.0518
LTE Band 12	699-716	25	-0.98	24.02	252.35	0.466	0.0502
LTE Band 13	777-787	25	-1.01	23.99	250.61	0.518	0.0499
LTE Band 14	788-798	25	-1.01	23.99	250.61	0.525	0.0499
LTE Band 66	1710-1780	25	5.40	30.40	1096.48	1	0.2181
LTE Band 71	663-698	25	-0.98	24.02	252.35	0.442	0.0502

Note: 1. The calculated distance is 20 cm.
 2. The LTE function can not transmit at the same time with the WCDMA function
 3. The Wifi function can transmit at the same time with the LTE function and LoRa function.

Simultaneous transmitting consideration(worst case)

The ratio= $MPE_{LTE\ BAND4}/limit + MPE_{2.4G\ Wifi}/limit + MPE_{LoRa}/limit = 0.2181/1 + 0.0114/1 + 0.0013/0.6 = 0.23 < 1.0$

Result: Complies

Statement

1. The report is invalid without the official seal or special seal of Shenzhen Haiyun Standard Technical Co., Ltd. (hereinafter referred to as the unit).
2. The report is invalid without the signature of the approver.
3. The report is invalid if altered arbitrarily.
4. The report shall not be partially copied without the written approval of the unit.
5. The reported test results are only valid for the tested samples.
6. If there is any objection to the test report, it shall be submitted to the test unit within 15 days from the date of receiving the report, and the overdue shall not be accepted.

Shenzhen Haiyun Standard Technical Co., Ltd.

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(END OF REPORT)