

RF EXPOSURE REPORT

Applicant	LINXEE (BEIJING)TECHNOLOGY LTD
Address	01,1ST FLOOR, BUILDING 15, EAST OF NO.10YARD, XIBEIWANG EAST ROAD, HAIDIAN DISTRICT, BEIING, P.R.C.

Manufacturer or Supplier	LINXEE (BEIJING)TECHNOLOGY LTD
Address	01,1ST FLOOR, BUILDING 15, EAST OF NO.10YARD, XIBEIWANG EAST ROAD, HAIDIAN DISTRICT, BEIING, P.R.C.
Product	Linxee AgentBox P1
Brand Name	LINXEE
Model	P1
Additional Model & Model Difference	N/A
Date of tests	Jul. 01, 2026 ~ Jul. 13, 2026

- ☒ FCC Part 2 (Section 2.1091)
- ☒ KDB 447498 D01
- ☒ IEEE C95.1

CONCLUSION: The submitted sample was found to **COMPLY** with the test requirement

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	Date: Aug. 04, 2026

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Test Report No.: FM2606WDG0092

RELEASE CONTROL RECORD

ISSUE NO.	REASON FOR CHANGE	DATE ISSUED
FM2606WDG0092	Original release	Aug. 04, 2026

1 CERTIFICATION

PRODUCT:	Linxee AgentBox P1
MODEL NO.:	P1
ADDITIONAL MODELS:	N/A
FCC ID:	2BWLB-P1
TEST SAMPLE:	ENGINEERING SAMPLE
APPLICANT:	LINXEE (BEIJING)TECHNOLOGY LTD
STANDARDS:	FCC Part 2 (Section 2.1091)
	KDB 447498 D01
	IEEE C95.1

NOTE:

1. The FCC Site registration No. is 749762, and the designation number is CN1174.

2 RF EXPOSURE LIMIT

LIMITS FOR MAXIMUM PERMISSIBLE EXPOSURE (MPE)

FREQUENCY RANGE (MHz)	ELECTRIC FIELD STRENGTH (V/m)	MAGNETIC FIELD STRENGTH (A/m)	POWER DENSITY (mW/cm ²)	AVERAGE TIME (minutes)
LIMITS FOR GENERAL POPULATION / UNCONTROLLED EXPOSURE				
300-1500	...	...	F/1500	30
1500-100,000	...	...	1.0	30

F = Frequency in MHz

MPE calculation Formula

$P_d = (P_{out} \cdot G) / (4 \cdot \pi \cdot r^2)$

where

P_d = power density in mW/cm²

P_{out} = output power to antenna in mW

G = gain of antenna in linear scale

π = 3.1416

R = distance between observation point and center of the radiator in cm

3 CLASSIFICATION

The antenna of this product, under normal use condition, is at least 20cm away from the body of the user. So, this device is classified as **Mobile Device**.

4 ANTENNA GAIN

Regarding the antennas provided for the EUT, please refer to the following table:

Frequency Band	Antenna Gain (dBi)	Antenna Type
BT 2.4GHz	2.94	PCB Antenna
Wi-Fi 2.4GHz	Chain 0: -5.61	FPC Antenna
	Chain 1: -5.61	FPC Antenna
Wi-Fi 5GHz	Chain 0: 4.98	FPC Antenna
	Chain 1: 4.98	FPC Antenna

5 CALCULATION RESULT OF MAXIMUM CONDUCTED POWER

The tuned conducted Average Power (declared by client)

Mode	Frequency (MHz)	Target Power (dBm)	Tolerance (dBm)	Lower Tolerance (dBm)	Upper Tolerance (dBm)
BT-FHSS	2402 ~ 2480	3	+2	1	5
BT-LE 1,2Mbps	2402 ~ 2480	3	+2	1	5
Wi-Fi 2.4GHz	2412 ~ 2462	16	+2	14	18
Wi-Fi 5GHz	5150 ~ 5250, 5260 ~ 5320, 5500 ~ 5700, 5725 ~ 5850	15	+2	13	17

The measured conducted Average Power

Mode	Frequency (MHz)	Averaged Power (dBm)
BT-FHSS	2402	3.43
BT-LE 1,2Mbps	2440	2.85
Wi-Fi 2.4GHz	2437	16.11
Wi-Fi 5GHz	5260	14.95

FREQUENCY BAND (MHz)	MAX AVERAGE POWER (dBm)	ANTENNA GAIN (dBi)	DISTANCE (cm)	POWER DENSITY (mW/cm ²)	LIMIT (mW/cm ²)
BT	5	2.94	20	0.001238	1.0
Wi-Fi 2.4GHz	18	-5.61	20	0.003449	1.0
Wi-Fi 5GHz	17	4.98	20	0.031386	1.0

CONCLUSION:

The BT and Wi-Fi can be transmitted simultaneously, but Wi-Fi 2.4G and Wi-Fi 5G cannot transmit simultaneously, the formula of calculated the MPE is:

$$CPD1 / LPD1 + CPD2 / LPD2 + \dots \text{etc.} < 1$$

CPD = Calculation power density

LPD = Limit of power density

$$(0.001238/1)+(0.031386/1)= 0.032624 < 1, \text{ which is less than the "1" limit.}$$

Therefore, this device complies with FCC's RF radiation exposure limits for the general population without SAR evaluation.

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