

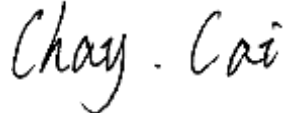
FCC RF EXPOSURE REPORT

FCC ID: 2AOKI-WF8225U1

Project No. : 2601C218
Equipment : WIFI7 Module
Brand Name : AI-LINK
Test Model : WF8225-U1
Model Name : WF8225-U1
Hardware Version : V20
Software Version : 1816
Applicant : Sichuan AI-Link Technology Co.,Ltd.
Address : Anzhou Industrial Park, Mianyang, Sichuan, P.R.C
Manufacturer : Sichuan AI-Link Technology Co.,Ltd.
Address : Anzhou Industrial Park, Mianyang, Sichuan, P.R.C
Factory : Sichuan AI-Link Technology Co.,Ltd.
Address : Anzhou Industrial Park, Mianyang, Sichuan, P.R.C
Date of Receipt : Jan. 20, 2026
Date of Test : Jan. 22, 2026 ~ Mar. 05, 2026
Issued Date : Mar. 11, 2026
Test Sample : Engineering Sample No.: DG920260120293
Standard(s) : FCC Guidelines for Human Exposure IEEE C95.1 & FCC Part 2.1091
FCC Title 47 Part 2.1091 & KDB 447498 D01 v06

The above equipment has been tested and found compliance with the requirement of the relative standards by BTL Inc. (Dongguan)

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Declaration

BTL represents to the client that testing is done in accordance with standard procedures as applicable and that test instruments used has been calibrated with standards traceable to international standard(s) and/or national standard(s).

BTL's reports apply only to the specific samples tested under conditions. It is manufacture's responsibility to ensure that additional production units of this model are manufactured with the identical electrical and mechanical components. BTL assumes no responsibility for the data provided by the customer, any statements, inferences or generalizations drawn by the customer or others from the reports issued by BTL.

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BTL is not responsible for the sampling stage, so the results only apply to the sample as received.

The information, data and test plan are provided by manufacturer which may affect the validity of results, so it is manufacturer's responsibility to ensure that the apparatus meets the essential requirements of applied standards and in all the possible configurations as representative of its intended use.

Limitation

For the use of the authority's logo is limited unless the Test Standard(s)/Scope(s)/Item(s) mentioned in this test report is (are) included in the conformity assessment authorities acceptance respective.

Please note that the measurement uncertainty is provided for informational purpose only and are not use in determining the Pass/Fail results.

REVISION HISTORY

Report No.	Version	Description	Issued Date	Note
BTL-FCCP-7-2601C218	R00	Original Report.	Mar. 11, 2026	Valid

1. MPE CALCULATION METHOD

Calculation Method of RF Safety Distance:

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

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

2. ANTENNA SPECIFICATION

For BT/BLE:

Ant.	Manufacturer	Model Name	Antenna Type	Connector	Gain (dBi)
1	Hanyang Antenna Design Co., Ltd.	7925	PCB	N/A	-2.34

Note: The antenna gain is provided by the manufacturer.

For 2.4GHz:

Ant.	Manufacturer	Model Name	Antenna Type	Connector	Gain (dBi)
1	Hanyang Antenna Design Co., Ltd.	7925	PCB	N/A	0.92
2	Hanyang Antenna Design Co., Ltd.	7925	PCB	N/A	0.02

Note:

- 1) This EUT supports CDD, and Directional gain = $G_{ANT} + \text{Array Gain}$.
For power measurements, Array Gain=0dB ($N_{ANT} \leq 4$), so the Directional gain=0.92.
- 2) Beamforming Gain: 3 dB.
- 3) The antenna gain and beamforming gain are provided by the manufacturer.

For 5GHz:

Ant.	Manufacturer	Model Name	Antenna Type	Connector	Gain (dBi)
1	Hanyang Antenna Design Co., Ltd.	7925	PCB	N/A	3.35
2	Hanyang Antenna Design Co., Ltd.	7925	PCB	N/A	5.37

Note:

- 1) This EUT supports CDD, and Directional gain = $G_{ANT} + \text{Array Gain}$.
For power measurements, Array Gain=0dB ($N_{ANT} \leq 4$), so the Directional gain=5.37.
- 2) Beamforming Gain: 3 dB.
- 3) The antenna gain and beamforming gain are provided by the manufacturer.

For 6GHz:

Ant.	Manufacturer	Model Name	Antenna Type	Connector	Gain (dBi)
1	Hanyang Antenna Design Co., Ltd.	7925	PCB	N/A	2.41
2	Hanyang Antenna Design Co., Ltd.	7925	PCB	N/A	3.21

Note:

- 1) This EUT supports CDD, and Directional gain = $G_{ANT} + \text{Array Gain}$.
For power measurements, Array Gain=0dB ($N_{ANT} \leq 4$), so the Directional gain=3.21.
- 2) Beamforming Gain: 3 dB.
- 3) The antenna gain and beamforming gain are provided by the manufacturer.

3. CALCULATED RESULT

For BT:

Antenna Gain (dBi)	Antenna Gain (numeric)	Max. Peak Output Power (dBm)	Max. Peak Output Power (mW)	Power Density (S) (mW/cm ²)	Limit of Power Density (S) (mW/cm ²)	Test Result
-2.34	0.5834	11.27	13.3968	0.0016	1.0000	Complies

For LE:

Antenna Gain (dBi)	Antenna Gain (numeric)	Max. Peak Output Power (dBm)	Max. Peak Output Power (mW)	Power Density (S) (mW/cm ²)	Limit of Power Density (S) (mW/cm ²)	Test Result
-2.34	0.5834	8.31	6.7764	0.0008	1.0000	Complies

For 2.4GHz:

Antenna Gain (dBi)	Antenna Gain (numeric)	Max. Output Power (dBm)	Max. Output Power (mW)	Power Density (S) (mW/cm ²)	Limit of Power Density (S) (mW/cm ²)	Test Result
0.92	1.2359	19.90	97.7237	0.0240	1.0000	Complies

For 5GHz:

Antenna Gain (dBi)	Antenna Gain (numeric)	Max. Output Power (dBm)	Max. Output Power (mW)	Power Density (S) (mW/cm ²)	Limit of Power Density (S) (mW/cm ²)	Test Result
5.37	3.4435	19.17	82.6038	0.0566	1.0000	Complies

For 6GHz:

Max. e.i.r.p. (dBm)	Max. e.i.r.p. (mW)	Power Density (S) (mW/cm ²)	Limit of Power Density (S) (mW/cm ²)	Test Result
15.52	35.6451	0.0071	1.0000	Complies

For the max simultaneous transmission MPE:

Ratio		Total	Limit of Ratio	Test Result
BT	5GHz			
0.0016	0.0566	0.0582	1	Complies

Note:

(1) The calculated distance is 20 cm.

(2) Ratio=Power Density (S) (mW/cm²)/Limit of Power Density (S) (mW/cm²)

End of Test Report