

FCC RF EXPOSURE REPORT

FCC ID: T2C-T74LTEUS

Project No.	: 2512C071
Equipment	: 4G LTE Desk Phone
Brand Name	: Yealink
Test Model	: T74LTE(US)
Model Name	: T74LTE(US)
Hardware Version	: 190.1.0.0.1.2.2
Software Version	: 190.87.259.401
Applicant	: YEALINK(XIAMEN) NETWORK TECHNOLOGY CO., LTD.
Address	: No.666 Hu'an Rd. Huli District Xiamen City, Fujian Huli District, Xiamen City, Fujian, China
Manufacturer	: YEALINK(XIAMEN) NETWORK TECHNOLOGY CO., LTD.
Address	: No.666 Hu'an Rd. Huli District Xiamen City, Fujian Huli District, Xiamen City, Fujian, China
Date of Receipt	: Dec. 08, 2025
Date of Test	: Dec. 15, 2025 ~ Jan. 21, 2026
Issued Date	: Feb. 06, 2026
Test Sample	: Engineering Sample No.: DG920251208529 for WIFI.
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)

Prepared by

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chella Zhena

Chella Zheng

Approved by

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Steven Lu

Steven Lu

No.3, Jinshagang 1st Road, Dalang, Dongguan, Guangdong People's Republic of China.

Tel: +86-769-8318-3000

Web: www.newbtl.com

Service mail: btl_qa@newbtl.com

REVISION HISTORY

Report No.	Version	Description	Issued Date	Note
BTL-FCCP-9-2512C071	R00	Original Report.	Jan. 26, 2026	Invalid
BTL-FCCP-9-2512C071	R01	It is a revision of the report BTL-FCCP-9-2512C071 R00, with the following revisions: a. Modified the BT/LE/2.4G WiFi antenna gain to 0.69dBi. So recalculated the result. This is a newly released report, replacing the BTL-FCCP-9-2512C071 R00 report.	Feb. 06, 2026	Valid

1. MPE CALCULATION METHOD

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

2. ANTENNA SPECIFICATION

For BT/LE/2.4GHz:

Ant.	Manufactory	Model Name	Antenna Type	Connector	Gain (dBi)
1	YEALINK(XIAMEN) NETWORK TECHNOLOGY CO.,LTD.	T74LTE	PCB	N/A	0.69

For 5GHz:

Ant.	Manufactory	Model Name	Antenna Type	Connector	Gain (dBi)
1	YEALINK(XIAMEN) NETWORK TECHNOLOGY CO.,LTD.	T74LTE	PCB	N/A	4.97

For LTE:

Manufactory	Model	Antenna Type	Connector	Gain (dBi)	Note
YEALINK(XIAMEN) NETWORK TECHNOLOGY CO.,LTD.	T74LTE	FPC	N/A	1.35	LTE Band 2
				1.22	LTE Band 4
				0.92	LTE Band 5
				-1.62	LTE Band 12
				0.86	LTE Band 13
				-1.62	LTE Band 17
				1.22	LTE Band 66

Note: The antenna gain is provided by the manufacturer.

3. CALCULATED RESULT

For BT:

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
0.69	1.1722	3.68	2.3335	0.0005	1.0000	Complies

For LE:

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
0.69	1.1722	3.62	2.3014	0.0005	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
0.69	1.1722	17.82	60.5341	0.0141	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
4.97	3.1405	17.85	60.9537	0.0381	1.0000	Complies

For LTE:

Band	Frequency (MHz)	Max. Tune up Power (dBm)	Antenna Gain (dBi)	Antenna Gain (linear)	Output Power to Antenna	Power Density (mW/cm ²)	Power Density Limit (mW/cm ²)	Test Result
Band 2	1850.7	25.00	1.35	1.3646	431.52	0.0858	1.0000	Complies
Band 4	1710.7	25.00	1.22	1.3243	418.79	0.0833	1.0000	Complies
Band 5	824.7	25.00	0.92	1.2359	390.8409	0.0778	0.5498	Complies
Band 12	699.7	25.00	-1.62	0.6887	217.7710	0.0433	0.4665	Complies
Band 13	779.5	25.00	0.86	1.2190	385.4784	0.0767	0.5197	Complies
Band 17	706.5	25.00	-1.62	0.6887	217.7710	0.0433	0.4710	Complies
Band 66	1710.7	25.00	1.22	1.3243	418.79	0.0833	1.0000	Complies

For the max simultaneous transmission MPE:

Ratio			Total	Limit of Ratio	Test Result
BT	5GHz	WWAN			
0.0005	0.0381	0.1476	0.1862	1	Complies

Note:

- (1) The calculated distance is 20 cm.
- (2) Ratio=Power Density (S) (mW/cm²)/Limit of Power Density (S) (mW/cm²)
- (3) The Max. Tune Up Power test results reference to module report which is provided by the manufacturer.(Report No.: FA003026)

End of Test Report