

FCC RF EXPOSURE REPORT

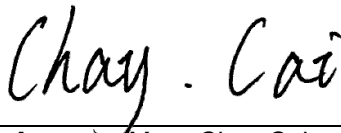
FCC ID: 2APPZ-V65

Project No. : 2204C250
Equipment : IP Phone
Brand Name : Fanvil
Test Model : V65
Series Model : N/A
Applicant : Fanvil Technology Co., Ltd
Address : 10/F Block A, Dualshine Global Science Innovation Center, Honglang North 2nd Road, Bao'an District, Shenzhen, China
Manufacturer : Fanvil Technology Co., Ltd
Address : 10/F Block A, Dualshine Global Science Innovation Center, Honglang North 2nd Road, Bao'an District, Shenzhen, China
Factory : Fanvil Technology Co., Ltd
Address : 10/F Block A, Dualshine Global Science Innovation Center, Honglang North 2nd Road, Bao'an District, Shenzhen, China
Date of Receipt : Apr. 28, 2022
Date of Test : May 05, 2022 ~ Aug. 10, 2022
Issued Date : Sep. 06, 2022
Report Version : R01
Test Sample : Engineering Sample No.: DG202204296 for BT EDR, DG202204297 for others.
Standard(s) : FCC Guidelines for Human Exposure IEEE C95.1 & FCC Part 2.1091
FCC Title 47 Part 2.1091

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



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TESTING CERT #5123.02

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REPORT ISSUED HISTORY

Report No.	Version	Description	Issued Date	Note
BTL-FCCP-5-2204C250	R00	Original Report.	Aug. 16, 2022	Invalid
BTL-FCCP-5-2204C250	R01	Added the tune up tolerance and updated the test results.	Sep. 06, 2022	Valid

1. TEST FACILITY

The test facilities used to collect the test data in this report is at the location of No. 3 Jinshagang 1st Rd. Shixia, Dalang Town Dongguan City, Guangdong 523792 People's Republic of China.

BTL's Registration Number for FCC: 357015

BTL's Designation Number for FCC: CN1240

2. 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

Table for Filed Antenna:

For BT(EDR+LE), WLAN 2.4GHz:

Ant.	Manufacturer	P/N	Antenna Type	Connector	Gain (dBi)
1	Dongguan YiJia Electronics Communication Technology Co.,Ltd.	YJL01.106.031. 303A	FPC	N/A	5.2

Note: The antenna gain is provided by the manufacturer.

For WLAN 5GHz:

Ant.	Manufacturer	P/N	Antenna Type	Connector	Gain (dBi)
1	Dongguan YiJia Electronics Communication Technology Co.,Ltd.	YJL01.106.031. 302A	FPC	N/A	3.5

Note: The antenna gain is provided by the manufacturer.

3. TEST RESULTS

For BT EDR:

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
5.2	3.3113	5.84	3.8371	0.00253	1	Complies

For BT 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
5.2	3.3113	6.55	4.5186	0.00298	1	Complies

For WLAN 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
5.2	3.3113	26.67	464.5153	0.30616	1	Complies

For WLAN 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
3.5	2.2387	15.38	34.5144	0.01538	1	Complies

Note:

- 1) The calculated distance is 20 cm.
- 2) Output power including tune up tolerance(tune up tolerance: ± 1.5 dB).
- 3) Both of BT / LE and 2.4GHz / 5GHz cannot be transmitted synchronously.

End of Test Report