

# FCC RF EXPOSURE REPORT

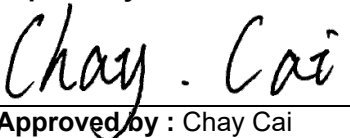
## FCC ID: 2APPZ-V67

**Project No.** : 2108C114  
**Equipment** : Smart Video Phone  
**Brand Name** : Fanvil  
**Test Model** : V67  
**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** : Aug. 13, 2021  
**Date of Test** : Aug. 17, 2021 ~ Dec. 04, 2021  
**Issued Date** : Dec. 17, 2021  
**Report Version** : R00  
**Test Sample** : Engineering Sample No.: DG20210816158  
**Standard(s)** : FCC Guidelines for Human Exposure IEEE C95.1 & FCC Part 2.1091  
FCC Title 47 Part 2.1091, OET Bulletin 65 Supplement C

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 Version	Description	Issued Date
R00	Original Issue	Dec. 17, 2021

## 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, 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:

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

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

Table for Filed Antenna:

For BT / LE / WLAN 2.4GHz:

Ant.	Brand	P/N	Antenna Type	Connector	Gain (dBi)
1	Dongguan YiJia Electronics Communication Technology Co.,Ltd.	YJL01.106.020. 301A	FPC	IPEX	3.0

Note: The antenna gain is provided by the manufacturer.

For 5GHz:

Ant.	Brand	P/N	Antenna Type	Connector	Gain (dBi)
1	Dongguan YiJia Electronics Communication Technology Co.,Ltd.	YJL01.106.020. 301A	FPC	IPEX	3.1

Note: The antenna gain is provided by the manufacturer.

### 3. TEST RESULTS

For BT:

Antenna Gain (dBi)	Antenna Gain (numeric)	Max. Output Power (dBm)	Max. Output Power (mW)	Power Density (S) (mW/cm <sup>2</sup> )	Limit of Power Density (S) (mW/cm <sup>2</sup> )	Test Result
3.0	1.9953	5.14	3.2659	0.00130	1	Complies

For LE:

Antenna Gain (dBi)	Antenna Gain (numeric)	Max. Output Power (dBm)	Max. Output Power (mW)	Power Density (S) (mW/cm <sup>2</sup> )	Limit of Power Density (S) (mW/cm <sup>2</sup> )	Test Result
3.0	1.9953	2.70	1.8621	0.00074	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 <sup>2</sup> )	Limit of Power Density (S) (mW/cm <sup>2</sup> )	Test Result
3.0	1.9953	17.49	56.1048	0.02228	1	Complies

For WLAN 5GHz:

Antenna Gain (dBi)	Antenna Gain (numeric)	Max. Output Power (dBm)	Max. Output Power (mW)	Power Density (S) (mW/cm <sup>2</sup> )	Limit of Power Density (S) (mW/cm <sup>2</sup> )	Test Result
3.1	2.0417	17.75	59.5662	0.02421	1	Complies

Note:

- 1) The calculated distance is 20 cm.
- 2) Both of BT / LE and 2.4GHz / 5GHz cannot be transmitted synchronously.

**End of Test Report**