FCC RF EXPOSURE REPORT

FCC ID: 2APPZ-X6U

Project No.	:	1908C128
Equipment	:	IP Phone
Brand Name	:	Fanvil
Test Model	:	X6U
Series Model	:	N/A
Applicant	:	Fanvil Technology Co., Ltd.
Address	:	4F, Block A, Building 1#, GaoXinQi Hi-Tech Park (Phase-II), 67th District, Bao'An, Shenzhen, China
Manufacturer	:	Fanvil Technology Co., Ltd.
Address	:	4F, Block A, Building 1#, GaoXinQi Hi-Tech Park (Phase-II), 67th District, Bao'An, Shenzhen, China
Factory	:	Fanvil Technology Co., Ltd.
Address	:	4F, Block A, Building 1#, GaoXinQi Hi-Tech Park (Phase-II), 67th District, Bao'An, Shenzhen, China
Date of Receipt	:	Aug. 16, 2019
Date of Test	:	Aug. 17, 2019 ~ Sep. 18, 2019
Issued Date	:	Sep. 27, 2019
Report Version	:	R00
Test Sample	:	Engineering Sample No.: DG190816171
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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REPORT ISSUED HISTORY

Report Version	Description	Issued Date
R00	Original Issue	Sep. 27, 2019

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

Table for Filed Antenna

Ant.	Brand	Model Name	Antenna Type	Connector	Gain (dBi)
1		YJL01.106.005 .301A	Internal	N/A	1.9

2. TEST RESULTS

Tune up tolerance(dBm)
±1.5

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
1.9	1.5488	8.56	7.1779	0.00221	1	Complies

Note: The calculated distance is 20 cm.
Output power including tune up tolerance(tune up tolerance: ±1.5 dBm).

End of Test Report