FCC RF EXPOSURE REPORT

FCC ID: 2APPZ-X210

Project No.	**: 1901C092**
Equipment	**: IP Phone**
Test Model	**: X210**
Series Model	**: X210i**
Applicant	**: Fanvil Technology Co., LTD.**
Address	**: 4F,Block A,Bldg #1,GaoXinQi Hi-TechPark Phase-II,67th District,Bao'An Shenzhen China**
According	**: FCC Guidelines for Human Exposure IEEE C95.1 & FCC Part 2.1091**

BTL INC.

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Certificate #5123.02

1. GENERAL SUMMARY

Equipment	:	IP Phone
Brand Name	:	Fanvil
Test Model	:	X210
Series Model	:	X210i
Applicant	:	Fanvil Technology Co.LTD.
Manufacturer	:	Fanvil Technology Co.LTD.
Address	:	4F,Block A,Bldg #1,GaoXinQi Hi-TechPark Phase-II,67th District,Bao'An Shenzhen China
Factory	:	Fanvil Technology Co.LTD.
Address	:	4F,Block A,Bldg #1,GaoXinQi Hi-TechPark Phase-II,67th District,Bao'An Shenzhen China
Date of Test	:	Mar. 08, 2019 ~ Mar. 22, 2019
Test Sample	:	Engineering Sample No.: D190302238
Standards	:	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.
The test data, data evaluation, and equipment configuration contained in our test report (Ref No. BTL-FCCP-2-1901C092) were obtained utilizing the test procedures, test instruments, test sites that has been accredited by the Authority of A2LA according to the ISO/IEC 17025 quality assessment standard and technical standard(s).

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

Ant.	Brand	P/N	Antenna Type	Connector	Gain (dBi)
1	MyAntenna	MIG.0079-R0A	Internal	N/A	4.22

3. TEST RESULTS

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
4.22	2.6424	-1.52	0.705	0.00037	1	Complies

Note: The calculated distance is 20 cm.
Output power including tune up tolerance.

End of Test Report