FCC RF EXPOSURE REPORT

FCC ID: 2AR2S-EW21TPV

Project No.	:	2109C181
Equipment	:	Wireless Module
Brand Name	:	PHILIPS or
Test Model	:	EW21TPV
Series Model	:	N/A
Applicant	:	MMD Hong Kong Holding Limited
Address	:	Unit 1006, 10th Floor, C-Bons International Center, 108 Wai Yip Street, Kwun Tong, Kowloon, Hong Kong
Manufacturer	:	MMD Hong Kong Holding Limited
Address	:	Unit 1006, 10th Floor, C-Bons International Center, 108 Wai Yip Street, Kwun Tong, Kowloon, Hong Kong
Date of Receipt	:	Sep. 24, 2021
Date of Test	:	Sep. 27, 2021 ~ Nov. 24, 2021
Issued Date	:	Nov. 24, 2021
Report Version	:	R01
Test Sample	:	Engineering Sample No.: DG20210926102-3
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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Approved by : Ethan Ma

TESTING CERT #5123.02

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REPORT ISSUED HISTORY

Report Version	Description	Issued Date
R00	Original Issue	Nov. 12, 2021
R01	Revised report to address comments.	Nov. 24, 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 Test Firm 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:

Ant.	Brand	Model Name	Antenna Type	Connector	Gain(dBi)
1	N/A	N/A	MONO POLE	N/A	0.26

Note: Note: The antenna gain is provided by the manufacturer.

3. TEST RESULTS

Tune up tolerance(dBm)
5.8GHz SRD
≤ 9.75

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
0.26	1.0617	9.75	9.4406	0.00200	1	Complies

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

End of Test Report