FCC RF EXPOSURE REPORT

FCC ID: ARS-10BDL4551T

Project No.	:	2006C009
Equipment	:	Colour Monitor
Brand Name	:	PHILIPS
Test Model	:	10BDL4551T
Series Model	:	10BDL4551T***(The"*"can be any alphanumeric including"/"or blank for marking differences)
Applicant	:	Top Victory Electronics(Taiwan)Co.,Ltd.
Address	:	10F.,No.230,Liancheng Rd.,Zhonghe Dist.,New Taipei City,23553 Taiwan
Manufacturer	:	MMD(Shanghai)Electronics Technology Co Ltd
Address	:	Room 5060A No 2 Building 555 Dong Chan Road,Min Hang District,SHANGHAI 200241,CHINA
Factory	:	TPV Electronics (Fujian)Co.,Ltd.
Address	:	Rongqiao Economic and Technological Development Zone,Fuqing City,Fujian Province
Date of Receipt	:	Jun. 02, 2020
Date of Test	:	Jun. 03, 2020 ~ Jul. 06, 2020
Issued Date	:	Jul. 23, 2020
Report Version	:	R01
Test Sample	:	Engineering Sample No.: DG2020060273
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.

Nick Chen

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Certificate #5123.02

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REPORT ISSUED HISTORY

Report Version	Description	Issued Date
R00	Original Issue.	Jul. 17, 2020
R01	Modified the comments of cetecom.	Jul. 23, 2020

1. TEST FACILITY

The test facilities used to collect the test data in this report is at the location of No.3,Jinshagang 1st Road, Shixia, Dalang Town, Dongguan, Guangdong, 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:

For BT/BLE/2.4GHz:

Ant.	Manufacturer	P/N	Antenna Type	Connector	Gain (dBi)
1	CHANGSHU HONGAO TELECOMMUNICATION TECHNOLOGY CO., LTD.	368GAAWA031HBO	PIFA	N/A	2.32

For 5GHz:

Ant.	Manufacturer	P/N	Antenna Type	Connector	Gain (dBi)
1	CHANGSHU HONGAO TELECOMMUNICATION TECHNOLOGY CO., LTD.	368GAAWA031HBO	PIFA	N/A	5.75

3. TEST RESULTS

For BT:

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
2.32	1.7061	7.24	5.2966	0.00180	1	Complies

For LE:

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
2.32	1.7061	6.15	4.1210	0.00140	1	Complies

For 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
2.32	1.7061	23.82	240.9905	0.08184	1	Complies

For 5GHz UNII-1:

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
5.75	3.7584	15.87	38.6367	0.02890	1	Complies

For 5GHz UNII-3:

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
5.75	3.7584	15.96	39.4457	0.02951	1	Complies

Note: The calculated distance is 20 cm.

End of Test Report