FCC RF EXPOSURE REPORT

FCC ID: 2AQBD-R39R41

Project No.	:	1908C163
Equipment	:	Digital Atomic Wall clock
Brand Name	:	SHARP
Test Model	:	R39
Series Model	:	R41, SPC1107, SPC1022, SPC946
Applicant	:	Fujian Youtong Industries Co.,Ltd
Address	:	North part of 1st, 2nd-3rd floor, Building 1#,M9511 industries Park No.18, Majiang Road, Mawei District, Fuzhou City, Fujian, China
Manufacturer	:	Fujian Youtong Industries Co.,Ltd
Address	:	North part of 1st, 2nd-3rd floor, Building 1#,M9511 industries Park No.18, Majiang Road, Mawei District, Fuzhou City, Fujian, China
Factory	:	Fujian Youtong Industries Co.,Ltd
Address	:	North part of 1st, 2nd-3rd floor, Building 1#,M9511 industries Park No.18, Majiang Road, Mawei District, Fuzhou City, Fujian, China
Date of Receipt	:	Aug. 20, 2019
Date of Test	:	Aug. 21, 2019 ~ Sep. 05, 2019
Issued Date	:	Aug. 14, 2020
Report Version	:	R02
Test Sample	:	Engineering Sample No.: DG19082176-4
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. 11, 2019
R01	Updated the FCC ID.	Oct. 11, 2019
R02	Changed the model name.	Aug. 14, 2020

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	N/A	N/A	Loop	N/A	0

GENERAL CONCULUSION:

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	1.0000	-27.99	0.0016	0.00000	1	Complies

Note: The calculated distance is 20 cm.

End of Test Report