

FCC RF EXPOSURE REPORT

FCC ID: 2AU49-DA16200ME

Project No. : 1910C137
Equipment : WiFi Module
Brand Name : Dialog
Test Model : DA16200MOD-AAE4WA32
Series Model : N/A
Applicant : Dialog Semiconductor Korea Inc.
Address : 7th SiliconPark, 35, Pangyo-ro 255 beon-gil, Bundang-gu, Seongnam-si, Gyeonggi-do (Zip 13486), Korea
Manufacturer : Iton Technology Corp.
Address : 7 Floor East, Building C, Shenzhen International Innovation Center, No. 1006 Shennan Road, Futian District, Shenzhen, China
Factory : Iton Technology Corp.
Address : Building E, Weixinda Industrial Park, Ainan Road 95, Longgang District, Shenzhen, Guangdong Province, China
Date of Receipt : Nov. 07, 2019
Date of Test : Nov. 08, 2019 ~ Nov. 28, 2019
Issued Date : Dec. 13, 2019
Report Version : R00
Test Sample : Engineering Sample No.: DG2019110653
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.	Dec. 13, 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	N/A	N/A	Dipole	N/A	2

2. TEST RESULTS

Tune up tolerance(dBm)
2

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	1.5849	19.55	90.1571	0.02844	1	Complies

Note: The calculated distance is 20 cm.

Output power including tune up tolerance(tune up tolerance: X.XX dBm).

End of Test Report