

FCC RF EXPOSURE REPORT

FCC ID: 2ACNO-QPP-C1

Project No. : 2004C109
Equipment : qico pad
Brand Name : qico
Test Model : QPP-C1
Series Model : QPP-C101, QPP-C102, QPP-C103
Applicant : I/O INTERCONNECT INC.
Address : 5F, No.19-3, Sanchong Rd., Nangang District, Taipei, Taiwan
Manufacturer : I/O INTERCONNECT INC.
Address : 5F, No.19-3, Sanchong Rd., Nangang District, Taipei, Taiwan
Factory : Jiangsu InvisPower Co., Ltd.
Address : 100 Xinning Road, Gangzha District, Nantong, Jiangsu, China
Date of Receipt : Apr. 18, 2020
Date of Test : Apr. 21, 2020 ~ May 12, 2020
Issued Date : Jun. 08, 2020
Report Version : R00
Test Sample : Engineering Sample No.: DG2020042020
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	Jun. 08, 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.	Manufacturer	P/N	Antenna Type	Connector	Gain (dBi)
1	Semiglead	LA5220P2450-A04	Chip	N/A	2

2. 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
2	1.5849	4.6	2.8840	0.00091	1	Complies

Note: The calculated distance is 20 cm.

Output power including tune up tolerance(tune up tolerance: 2 dBm).

End of Test Report