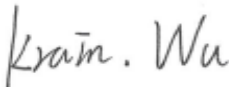


# FCC RF EXPOSURE REPORT

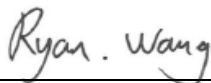
## FCC ID: KA2CS8301LHA1

**Project No.** : 2007H016  
**Equipment** : Full HD Wi-Fi Camera  
**Brand Name** : D-Link  
**Test Model** : DCS-8301LH  
**Series Model** : N/A  
**Applicant** : D-Link Corporation  
**Address** : 17595 Mt. Herrmann, Fountain Valley, California United State 92708  
**Manufacturer** : SHENZHEN AONI ELECTRONIC CO., LTD  
**Address** : No.5, Bldg., Honghui Industrial Park, 2nd Liuxian,  
Xin'an, Bao'an District, Shenzhen, China  
**Date of Receipt** : Jul. 03, 2020  
**Date of Test** : Jul. 03, 2020~Aug. 7, 2020  
**Issued Date** : Aug. 13, 2020  
**Report Version** : R00  
**Test Sample** : Engineering Sample No.: SH2020070323  
**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	Aug. 13, 2020

### 1. MPE CALCULATION METHOD

Calculation Method of RF Safety Distance:

$$S = \frac{PG}{4\pi^2} = \frac{EIRP}{4\pi^2}$$

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 2.4G、BT and BLE:

Ant.	Brand	Model Name	Antenna Type	Connector	Gain(dBi)	Note
1	UB	UB01C90F2D1473A	FPC	RF Cable	3.14	-

## 2. TEST RESULTS

For 2.4GHz:

Antenna Gain (dBi)	Antenna Gain (numeric)	Max. tune up Power (dBm)	Max. tune up Power (mW)	Power Density (S) (mW/cm <sup>2</sup> )	Limit of Power Density (S) (mW/cm <sup>2</sup> )	Test Result
3.14	2.0606	25.50	354.8134	0.14550	1	Complies

For BT :

Antenna Gain (dBi)	Antenna Gain (numeric)	Max. tune up Power (dBm)	Max. tune up Power (mW)	Power Density (S) (mW/cm <sup>2</sup> )	Limit of Power Density (S) (mW/cm <sup>2</sup> )	Test Result
3.14	2.0606	7.00	5.0119	0.00120	1	Complies

For BLE :

Antenna Gain (dBi)	Antenna Gain (numeric)	Max. tune up Power (dBm)	Max. tune up Power (mW)	Power Density (S) (mW/cm <sup>2</sup> )	Limit of Power Density (S) (mW/cm <sup>2</sup> )	Test Result
3.14	2.0606	3.50	2.2387	0.00092	1	Complies

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

**End of Test Report**