

# FCC RF EXPOSURE REPORT

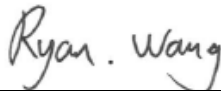
## FCC ID: KA2CS8302LHA1

**Project No.** : 2004H054  
**Equipment** : Full HD Wi-Fi Camera  
**Brand Name** : D-Link  
**Test Model** : DCS-8302LH  
**Series Model** : N/A  
**Applicant** : D-Link Corporation  
**Address** : 17595 Mt. Herrmann, Fountain Valley, California United State 92708  
**Manufacturer** : D-Link Corporation  
**Address** : 17595 Mt. Herrmann, Fountain Valley, California United State 92708  
**Factory** : LEEDARSON LIGHTING CO., LTD.  
**Address** : Xingtai Industrial Zone, Economic Development Zone, Changtai County, Zhangzhou City, Fujian Province, P.R.China  
**Date of Receipt** : May 18, 2020  
**Date of Test** : Jun. 01, 2020 ~ Jun. 05, 2020  
**Issued Date** : Jun. 18, 2020  
**Report Version** : R00  
**Test Sample** : Engineering Sample No.: SH20200423218-5, SH20200423218-9  
**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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Certificate # 5123. 03

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**REPORT ISSUED HISTORY**

Report Version	Description	Issued Date
R00	Original Issue	Jun. 18, 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	PCB	N/A	1.8

## 2. TEST RESULTS

For LE:

Directional gain (dBi)	Directional 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
1.8	1.5136	11.00	12.5893	0.00379	1	Complies

For 2.4GHz:

Directional gain (dBi)	Directional 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
1.8	1.5136	26.00	398.1072	0.11994	1	Complies

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

**End of Test Report**