

FCC RF EXPOSURE REPORT

FCC ID: KA2CS8010LHA1

Project No. : 1710C185
Equipment : HD Wi-Fi Camera
Model : DCS-936L,DCS-8010LH
Applicant : D-Link Corporation
Address : 17595 Mt. Herrmann Fountain Valley California
United States 92708

According: : FCC Guidelines for Human Exposure IEEE
C95.1 & FCC Part 2.1091

B T L I N C .

No.3, Jinshagang 1st Road, Shixia, Dalang Town, Dongguan, China.
TEL: +86-769-8318-3000 FAX: +86-769-8319-6000

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

BT:

Ant.	Brand	Model Name	Antenna Type	Connector	Gain(dBi)
1	N/A	N/A	PCB	N/A	3.22

LE:

Ant.	Brand	Model Name	Antenna Type	Connector	Gain(dBi)
1	N/A	N/A	PCB	N/A	3.22

2.4G WIFI:

Ant.	Brand	Model Name	Antenna Type	Connector	Gain(dBi)
1	N/A	N/A	PCB	N/A	3.22

TEST RESULTS

2.4G WIFI

EUT :	HD Wi-Fi Camera	Model Name :	DCS-936L, DCS-8010LH
Temperature :	25 °C	Relative Humidity:	55 %
Test Voltage :	AC 120V/60Hz		

Antenna Gain (dBi)	Antenna Gain (numeric)	Peak Output Power (dBm)	Peak Output Power (mW)	Power Density (S) (mW/cm ²)	Limit of Power Density (S) (mW/cm ²)	Test Result
3.22	2.0989	27.11	514.0437	0.2148	1	Complies

BT

EUT :	HD Wi-Fi Camera	Model Name :	DCS-936L, DCS-8010LH
Temperature :	25 °C	Relative Humidity:	55 %
Test Voltage :	AC 120V/60Hz		

Antenna Gain (dBi)	Antenna Gain (numeric)	Peak Output Power (dBm)	Peak Output Power (mW)	Power Density (S) (mW/cm ²)	Limit of Power Density (S) (mW/cm ²)	Test Result
3.22	2.0989	4.77	2.9992	0.0013	1	Complies

LE

EUT :	HD Wi-Fi Camera	Model Name :	DCS-936L, DCS-8010LH
Temperature :	24 °C	Relative Humidity:	60 %
Test Voltage :	AC 120V/60Hz		

Antenna Gain (dBi)	Antenna Gain (numeric)	Peak Output Power (dBm)	Peak Output Power (mW)	Power Density (S) (mW/cm ²)	Limit of Power Density (S) (mW/cm ²)	Test Result
3.22	2.0989	4.56	2.8576	0.0012	1	Complies

Note: the calculated distance is 20 cm.