RF Exposure Report

Report No.: SA150615C27

FCC ID: KA2CS4201A1

Test Model: DCS-4201

Received Date: Jun. 15, 2015

Test Date: Jun. 18 ~ Jun. 30, 2015

Issued Date: Jul. 13, 2015

Applicant: D-Link COPORATION

Address: No. 289, Sinhu 3rd Rd., Neihu District, Taipei City 114, Taiwan (R.O.C)

Issued By: Bureau Veritas Consumer Products Services (H.K.) Ltd., Taoyuan Branch

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Release Control Record

Issue No.	Description	Date Issued
SA150615C27	Original release	Jul. 13, 2015

1 Certificate of Conformity

Product:	Vigilance HD Wireless Camera
Brand:	D-Link
Test Model:	DCS-4201
Sample Status:	Engineering sample
Applicant:	D-Link COPORATION
Test Date:	Jun. 18 ~ Jun. 30, 2015
Standards:	FCC Part 2 (Section 2.1091)
	KDB 447498 D03
	IEEE C95.1

The above equipment has been tested by **Bureau Veritas Consumer Products Services (H.K.) Ltd., Taoyuan Branch**, and found compliance with the requirement of the above standards. The test record, data evaluation & Equipment Under Test (EUT) configurations represented herein are true and accurate accounts of the measurements of the sample's EMC characteristics under the conditions specified in this report.

Prepared by : _Celine Chou_ , **Date:** Jul. 13, 2015

Celine Chou / Specialist

Approved by : _Ken Liu_ , **Date:** Jul. 13, 2015

Ken Liu / Senior Manager

2　RF Exposure

2.1　Limits for Maximum Permissible Exposure (MPE)

Frequency Range (MHz)	Electric Field Strength (V/m)	Magnetic Field Strength (A/m)	Power Density (mW/cm^2)	Average Time (minutes)
Limits For General Population / Uncontrolled Exposure				
300-1500	…	…	F/1500	30
1500-100,000	…	…	1.0	30

F = Frequency in MHz

2.2　MPE Calculation Formula

$Pd = (Pout*G) / (4*pi*r^2)$

where

Pd = power density in mW/cm^2

Pout = output power to antenna in mW

G = gain of antenna in linear scale

Pi = 3.1416

R = distance between observation point and center of the radiator in cm

2.3　Classification

The antenna of this product, under normal use condition, is at least 20cm away from the body of the user. So, this device is classified as **Mobile Device**.

3　Calculation Result Of Maximum Conducted Power

Frequency Band (MHz)	Max Power (dBm)	Antenna Gain (dBi)	Distance (cm)	Power Density (mW/cm^2)	Limit (mW/cm^2)
2412-2462	22.80	2.4	20	0.066	1

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