

RF EXPOSURE REPORT

REPORT NO.: SA110629E02A

MODEL NO.: DIR-615

FCC ID: KA2IR615K1

RECEIVED: June 29, 2011

TESTED: July 21, 2011

ISSUED: Feb. 23, 2012

APPLICANT: D-Link Corporation

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 Hsin Chu Laboratory

LAB ADDRESS: No. 81-1, Lu Liao Keng, 9th Ling, Wu Lung Tsuen,

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Report No.: SA110629E02A Reference No.: 111122E15



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RELEASE CONTROL RECORD

| ISSUE NO. | SSUE NO. REASON FOR CHANGE | |
|--------------|----------------------------|---------------|
| SA110629E02A | Original release | Feb. 23, 2012 |

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1. CERTIFICATION

PRODUCT: Wireless N Router

BRAND NAME: D-Link

MODEL NO.: DIR-615

TEST SAMPLE: MASS-PRODUCTION

APPLICANT: D-Link Corporation

TESTED: July 21, 2011

STANDARDS: FCC Part 2 (Section 2.1091)

FCC OET Bulletin 65, Supplement C (01-01)

IEEE C95.1

The above equipment (Model: DIR-615) 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: John DATE: Feb. 23, 2012

(Lori Chung, Specialist

(May Chen, Deputy Manager)



2. RF EXPOSURE LIMIT

LIMITS FOR MAXIMUM PERMISSIBLE EXPOSURE (MPE)

| FREQUENCY RANGE (MHz) | | | POWER DENSITY (mW/cm²) | AVERAGE TIME (minutes) | | | | | |
|---|----------|--|---------------------------|------------------------|--|--|--|--|--|
| LIMITS FOR GENERAL POPULATION / UNCONTROLLED EXPOSURE | | | | | | | | | |
| 300-1500 | 300-1500 | | F/1500 | 30 | | | | | |
| 1500-100,000 | | | 1.0 | 30 | | | | | |

F = Frequency in MHz

3. MPE CALCULATION FORMULA

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

where

Pd = power density in mW/cm²

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

4. 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**.

5. CALCULATION RESULT OF MAXIMUM CONDUCTED POWER

| FREQUENCY BAND (MHz) | MAX POWER (mW) | ANTENNA GAIN (dBi) | DISTANCE (cm) | POWER DENSITY (mW/ cm ²) | LIMIT (mW/cm²) |
|----------------------------|----------------|--------------------------|------------------|--|-------------------|
| 2412-2462 | 670.3 | 4 | 20 | 0.335 | 1.00 |

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