

# RF EXPOSURE REPORT

**REPORT NO.:** SA141120C43

**MODEL NO.:** NextDrive

**FCC ID:** 2ADRLLNNDKUGA141201

**RECEIVED:** Nov. 20, 2014

**TESTED:** Dec. 11 ~ Dec. 25, 2014

**ISSUED:** Dec. 29, 2014

**APPLICANT:** LinkNext Technologies Co., LTD.

**ADDRESS:** 2F., No.126, Sec. 1, Datong Rd., Xizhi Dist., New Taipei City 221, Taiwan (R.O.C.)

**ISSUED BY:** Bureau Veritas Consumer Products Services (H.K.) Ltd., Taoyuan Branch

**LAB ADDRESS:** No. 47-2, 14th Ling, Chia Pau Vil., Lin Kou Dist., New Taipei City, Taiwan, R.O.C.

**TEST LOCATION:** No. 19, Hwa Ya 2nd Rd, Wen Hwa Tsuen, Kwei Shan Hsiang, Taoyuan Hsien 333, Taiwan, R.O.C.

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# TABLE OF CONTENTS

RELEASE CONTROL RECORD ..... 3

1. CERTIFICATION ..... 4

2. RF EXPOSURE ..... 5

2.1 LIMITS FOR MAXIMUM PERMISSIBLE EXPOSURE (MPE) ..... 5

2.2 MPE CALCULATION FORMULA ..... 5

2.3 CLASSIFICATION ..... 5

2.4 CALCULATION RESULT OF MAXIMUM CONDUCTED POWER ..... 5



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## RELEASE CONTROL RECORD

ISSUE NO.	REASON FOR CHANGE	DATE ISSUED
SA141120C43	Original release	Dec. 29, 2014



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## 1. CERTIFICATION

**PRODUCT:** USB Drive Pico WiFi Server  
**MODEL NO.:** NextDrive  
**BRAND:** LinkNext  
**APPLICANT:** LinkNext Technologies Co., LTD.  
**TESTED:** Dec. 11 ~ Dec. 25, 2014  
**TEST SAMPLE:** ENGINEERING SAMPLE  
**STANDARDS:** **FCC Part 2 (Section 2.1091)**  
**KDB 447498 D03**  
**IEEE C95.1**

The above equipment (model: NextDrive) 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:** Maggie Wu, **DATE:** Dec. 29, 2014  
Maggie Wu / Specialist

**APPROVED BY:** Ken Liu, **DATE:** Dec. 29, 2014  
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 <sup>2</sup> )	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

$$P_d = (P_{out} \cdot G) / (4 \cdot \pi \cdot r^2)$$

where

$P_d$  = power density in mW/cm<sup>2</sup>

$P_{out}$  = 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**.

### 2.4 CALCULATION RESULT OF MAXIMUM CONDUCTED POWER

MAX POWER (dBm)	ANTENNA GAIN (dBi)	DISTANCE (cm)	POWER DENSITY (mW/cm <sup>2</sup> )	LIMIT (mW/cm <sup>2</sup> )
24.15	0.57	20	0.059	1

---END---