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# RF EXPOSURE REPORT

**Report No.:** SA120830D03

**MODEL NO.:** Print

**FCC ID:** AZZ313011

**RECEIVED:** Aug. 30, 2012

**TESTED:** Aug. 30 ~ Sep. 7, 2012

**ISSUED:** Nov. 28, 2012

**APPLICANT:** ZINK IMAGING, INC.

**ADDRESS:** 16 Crosby Drive Bedford, MA 01730

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

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

This report should not be used by the client to claim product certification, approval, or endorsement by TAF or any government agencies.



Testing Laboratory  
2021

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## RELEASE CONTROL RECORD

ISSUE NO.	REASON FOR CHANGE	DATE ISSUED
SA120830D03	Original release	Nov. 28, 2012



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## 1. CERTIFICATION

**PRODUCT:** hAppy Print

**MODEL NO.:** Print

**BRAND NAME:** ZINK

**APPLICANT:** ZINK IMAGING, INC.

**TESTED:** Aug. 30 ~ Sep. 7, 2012

**TEST ITEM:** ENGINEERING SAMPLE

**STANDARDS:** FCC Part 2 (Section 2.1091)

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

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 :** *Celia Chen* , **DATE:** Nov. 28, 2012  
( Celia Chen / Senior Specialist )

**APPROVED BY :** *Ken Liu* , **DATE:** Nov. 28, 2012  
( Ken Liu / Manager )



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## 2. RF EXPOSURE LIMIT

### 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)
<b>LIMITS FOR GENERAL POPULATION / UNCONTROLLED EXPOSURE</b>				
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/cm<sup>2</sup>

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**.



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## 5. CALCULATION RESULT OF MAXIMUM CONDUCTED POWER

FREQUENCY BAND (MHz)	MAX POWER (dBm)	ANTENNA GAIN (dBi)	DISTANCE (cm)	POWER DENSITY (mW/cm <sup>2</sup> )	LIMIT (mW/cm <sup>2</sup> )
2412-2462	22.6	2.87	20	0.0701	1.00

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