RF EXPOSURE REPORT

REPORT NO.: SA141024D09

MODEL NO.: UVC-Micro

FCC ID: SWX-MICRO

RECEIVED: Oct. 27, 2014

TESTED: Nov. 3 ~ Dec. 11, 2014

ISSUED: Dec. 12, 2014

APPLICANT: Ubiquiti Networks, Inc.

ADDRESS: 12F, No105, Song Ren Rd., SinYi District, Taipei, Taiwan

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.)

TABLE OF CONTENTS

RELEASE CONTROL RECORD

ISSUE NO.	REASON FOR CHANGE	DATE ISSUED
SA141024D09	Original release	Dec. 12, 2014

1. CERTIFICATION

PRODUCT:	Video Camera
MODEL NO.:	UVC-Micro
APPLICANT:	Ubiquiti Networks, Inc.
TESTED:	Nov. 3 ~ Dec. 11, 2014
TEST SAMPLE:	ENGINEERING SAMPLE
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 : Annie Chang , **DATE:** Dec. 12, 2014

(Annie Chang / Supervisor)

APPROVED BY : Rex. Lai , **DATE:** Dec. 12, 2014

(Rex Lai / Assistant Manager)

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^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

3. MPE CALCULATION FORMULA

Pd = (Pout*G) / (4*pi*r2)

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 (dBm)	TUNE UP MAX. POWER (dBm)	ANTENNA GAIN (dBi)	DISTANCE (cm)	POWER DENSITY (mW/cm^2)	LIMIT (mW/cm^2)
2.4GHz	14.66	17.16	1	20	0.0130	1.00
5.0GHz	17.47	19.97	1	20	0.0249	1.00

Note: 1. The 2.4G and 5G frequency can't transmit at the same time.
2. Tune up tolerance= 2.5

--- END ---