RF EXPOSURE REPORT

REPORT NO.: SA110809C36A

MODEL NO.: TEW-734GR, TEW-734GRU

FCC ID: XU8TEW734GR-GRU

RECEIVED: Aug. 9, 2011

TESTED: Aug. 16 ~ 18, 2011

ISSUED: Oct. 4, 2011

APPLICANT: TRENDNET, Inc.

ADDRESS: 20675 Manhattan Place, Torrance, CA 90501, USA

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

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

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RELEASE CONTROL RECORD

ISSUE NO.	REASON FOR CHANGE	DATE ISSUED
SA110809C36A	Original release	Oct. 4, 2011

1. CERTIFICATION

PRODUCT:	300Mbps Wireless N Gigabit Router / 300Mbps Wireless N Gigabit Router with USB Port
BRAND NAME:	TRENDnet
MODEL NO.:	TEW-734GR, TEW-734GRU
APPLICANT:	TRENDNET, Inc.
TEST ITEM:	ENGINEERING SAMPLE
TESTED:	Aug. 16 ~ 18, 2011
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 : Annie Chang , **DATE:** Oct. 4 2011
(Annie Chang / Senior Specialist)

APPROVED BY : Ken Liu , **DATE:** Oct. 4. 2011
(Ken Liu / 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)	ANTENNA GAIN (dBi)	DISTANCE (cm)	POWER DENSITY (mW/cm^2)	LIMIT (mW/cm^2)
2412-2462	28.0	2	20	0.1989	1.00

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