



RF EXPOSURE REPORT

REPORT NO.: SA110722C13A

MODEL NO.: MRO8700

FCC ID: ZTYMRO8700

RECEIVED: July 22, 2011

TESTED: Aug. 03 to 12, 2011

ISSUED: Sep. 20, 2011

APPLICANT: Hao Pin Technology Co. Ltd.

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

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RELEASE CONTROL RECORD

ISSUE NO.	REASON FOR CHANGE	DATE ISSUED
SA110722C13A	Original release	Sep. 20, 2011



1. CERTIFICATION

PRODUCT: MICROWAVE MOTION SENSOR

BRAND NAME: HAO PIN

MODEL NO.: MAS100

TEST SAMPLE: ENGINEERING SAMPLE

APPLICANT: Hao Pin Technology Co. Ltd.

STANDARDS: FCC Part 2 (Section 2.1091)

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

IEEE C95.1

The above equipment (Model: MAS100) 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 : , **DATE:** Sep. 20, 2011
(Midoli Peng, Specialist)

APPROVED BY : , **DATE:** Sep. 20, 2011
(May Chen, Deputy 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 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

$$Pd = E^2 / 3770$$

where

Pd = power density in mW/cm²

E = Field Strength in V/m

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

Channel	Field Strength of Fundamental (dBuV/m)	Power Density (mW/cm ²)	Limit of Power Density (mW/cm ²)
1	113.1	0.000055	1

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