

RF-EMC TEST REPORT

For

2.4G wireless camera

Model Number: AT207

Report Number : WT068001134

Test Laboratory : Shenzhen Academy of Metrology and
Quality Inspection EMC Laboratory
Guangdong EMC Compliance Test Center

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TEST REPORT DECLARATION

Applicant : SHENZHEN AEE TECHNOLOGY CO., LTD

Address : 1st Floor B building Shenzhen Tsinghua Hi-Tech Park Nanshan
Hi-Tech Park North Shenzhen P.R.C

Manufacturer : SHENZHEN AEE TECHNOLOGY CO., LTD

Address : 1st Floor B building Shenzhen Tsinghua Hi-Tech Park Nanshan
Hi-Tech Park North Shenzhen P.R.C

EUT Description : 2.4G wireless camera

Model Number : AT207

Test Standards:

ETSI EN300 440-1 V1.3.1(2001-09)
ETSI EN300 440-2 V1.1.1(2001-09)
ETSI EN301 489-1 V1.6.1(2004-12)
ETSI EN301 489-3 V1.4.1(2002-08)
EN50371:2002

The EUT described above is tested by Shenzhen Academy of Metrology and Quality Inspection EMC Laboratory. Shenzhen Academy of Metrology and Quality Inspection EMC Laboratory is assumed full responsibility for the accuracy of the test results. Also, this report shows that the EUT technically complies with the **1999/5/EC** directive and its amendment requirements.

The test report is valid for above tested sample only and shall not be reproduced in part without written approval of the laboratory.

Tested by:	<u>Winnie Hou</u> (Winnie Hou)	Date:	<u>Sep. 04,2006</u>
Checked by:	<u>Louis Lin</u> (Louis Lin)	Date:	<u>Sep. 04,2006</u>
Approved by:	<u>Peter Lin</u> (Peter Lin)	Date:	<u>Sep. 04,2006</u>

1. TEST RESULTS SUMMARY

Table 1 Test Results Summary

Test Items	Test Results
Transmitter Equivalent isotropically radiated Power	Pass
Permitted range of operating frequencies	Pass
Transmitter Spurious Emission	Pass
Transmitter Duty Cycle	N/A
Receiver Adjacent channel selectivity-in band	N/A
Receiver Adjacent band selectivity	N/A
Receiver Blocking or desensitization	N/A
Receiver Spurious Emission	Pass
Conducted Disturbance	Pass
Radiated Disturbance	N/A
Harmonic Current	N/A
Voltage Fluctuation and Flicker	Pass
Electrostatic Discharge Immunity	Pass
Radiated Electromagnetic Fields Immunity	Pass
Electric Fast Transient Burst Immunity	Pass
Surge Immunity	Pass
Conducted Immunity	Pass
Voltage dips and interruptions Immunity	Pass
SAR	Pass

Remark: "N/A" means "Not applicable."

2. GENERAL INFORMATION

2.1. Report information

- 2.1.1. This report is not a certificate of quality; it only applies to the sample of the specific product/equipment given at the time of its testing. The results are not used to indicate or imply that they are application to the similar items. In addition, such results must not be used to indicate or imply that SMQ approves recommends or endorses the manufacture, supplier or use of such product/equipment, or that SMQ in any way guarantees the later performance of the product/equipment.
- 2.1.2. The sample/s mentioned in this report is/are supplied by Applicant, SMQ therefore assumes no responsibility for the accuracy of information on the brand name, model number, origin of manufacture or any information supplied.
- 2.1.3. Additional copies of the report are available to the Applicant at an additional fee. No third part can obtain a copy of this report through SMQ, unless the applicant has authorized SMQ in writing to do so.

2.2. Laboratory Accreditation and Relationship to Customer

The testing report were performed by the Shenzhen Academy of Metrology and quality Inspection EMC Laboratory (Guangdong EMC compliance testing center), in their facilities located at Bldg. of Metrology & Quality Inspection, Longzhu Road, Nanshan District, Shenzhen, Guangdong, China. At the time of testing, Laboratory is accredited by the following organizations:

China National Accreditation Committee for Laboratories (**CNAL**) accredits the Laboratory for conformance to FCC standards, EMC international standards and EN standards. The Registration Number is L0579.

The Laboratory is listed in the United States of American Federal Communications Commission (**FCC**), and the registration number are **97379**(open area test site) and **274801**(semi anechoic chamber).

The Laboratory is listed in Voluntary Control Council for Interference by Information Technology Equipment (**VCCI**), and the registration number are **R-1974**(open area test site) , **R-1966**(semi anechoic chamber),**C-2117**(mains ports conducted interference measurement) and **T-180**(telecommunication ports conducted interference measurement).

The Laboratory is registered to perform emission tests with Industry Canada (**IC**), and the registration number is **IC4174**.

TUV Rhineland accredits the Laboratory for conformance to IEC and EN standards, the registration number is **E2024086Z02**.

2.3. Measurement Uncertainty

Available upon request.

3. PRODUCT DESCRIPTION

3.1. EUT Description

Description	: 2.4G wireless camera
Manufacturer	: SHENZHEN AEE TECHNOLOGY CO., LTD
Model Number	: AT207
Input Power	: Adapter: M/N:ILD35-080300S Input:AC120V 60Hz Output:DC7.5-8.0V 300mA
Operate Frequency	: 2414~2468MHz
Modulation	Frequency Modulation
Antenna Designation	: Non-User Replaceable (Fixed)

AT207 and AT201 are similar in schematic, and the only difference is the appearance. therefore, all tests are performed at AT201 only.the test data refer to the WT068001134 test report..

APPENDIX I EUT PHOTO

Photo 1 Appearance of EUT



Photo 2 Appearance of EUT



Photo 3 Inside of EUT



Photo 4 Inside of EUT



Photo 5 Inside of EUT



Photo6 Inside of EUT

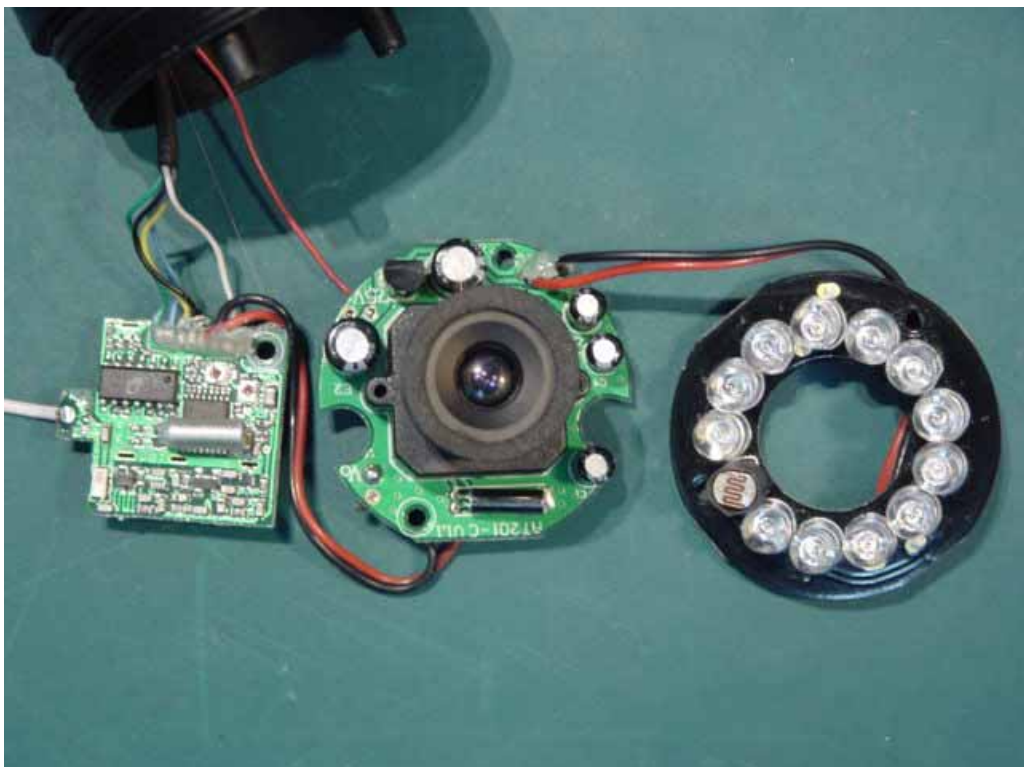


Photo 7 Inside of EUT

