



# **TEST REPORT**

# IEC 60950-1

# Information technology equipment – Safety – Part 1: General requirements

 Report Number.
 60436737 001

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 Total number of pages
 51 pages

Name of Testing Laboratory

preparing the Report...... TÜV Rheinland (Shenzhen) Co., Ltd.

Address ...... Rongqiao Economic and Technological Development Zone Fuqing

City, Fujian, P.R.China

**Test specification:** 

**Standard** .....: IEC 60950-1:2005 (Second Edition) + Am 1:2009 + Am 2:2013

Test procedure....: CB Scheme

Non-standard test method.....: N/A

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#### General disclaimer:

The test results presented in this report relate only to the object tested.

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Test item description: LCD MC	LCD MONITOR (LED backlight)		
Trade Mark AOC	AOC		
Manufacturer Same a	Same as applicant		
or blank purpose	or blank, represent different enclosure colour for marketing purpose)		
Ratings: I/P: 20Vdc, 6A			
Responsible Testing Laboratory (as applicable), testing procedure and testing location(s):			
	TÜV Rheinland (Shenzhen) Co., Ltd.		
Testing location/ address:	1601 R&D Room, 1602-1604, 17-18F, Building 7 Site C, Vanke Cloud City Phase I, Xingke First Street, Xili Street, Xili Community, Nanshan District, Shenzhen 518052, P.R. China		
Tested by (name, function, signature):	Solina Zhao Project Handler  Solina Zhow		
Approved by (name, function, signature):	Solina Zhao Project Handler  Anderson Wang Technical Reviewer		
☐ Testing procedure: CTF Stage 1:	N/A		
Testing location/ address:			
Tested by (name, function, signature):			
Approved by (name, function, signature):			
Testing procedure: CTF Stage 2:			
Testing location/ address:			
Tested by (name + signature):			
Witnessed by (name, function, signature).:  Approved by (name, function, signature):			
Approved by (name, function, signature)			
☐ Testing procedure: CTF Stage 3:	N/A		
☐ Testing procedure: CTF Stage 4:			
Testing location/ address:			
Tested by (name, function, signature):			
Witnessed by (name, function, signature).:			
Approved by (name, function, signature):			
Supervised by (name, function, signature) :			

### List of Attachments (including a total number of pages in each attachment):

- Photo documentation (7 pages)
- National Differences (57 pages)

#### Summary of testing:

# Tests performed (name of test and test clause):

The tests were carried out under the most unfavorable combination within the manufacturer's operating specifications of the following parameters:

- -supply voltage 20Vdc
- -operating temperature, Max. ambient temperature 40°C declared by the client
- -operating mode: continuous
- -operating load:

The equipment operated under full screen with three vertical bar signal according IEC60107-1 with max. brightness and contrast; with 1KHz sinusoidal signal and turned to maximum volume.

The critical tests were performed for this equipment included clauses:

name of test	test clause number	
Input Current Test	1.6.2	
Durability of Marking Test	1.7.11	
SELV limits for normal conditions	2.2.2	
SELV limits for abnormal conditions	2.2.3	
Limited Power Source	2.5	
Stability test	4.1	
Wall or ceiling mounted equipment	4.2.10	
Maximum Temperature Test	4.5.2	
Fault Condition Test	5.3	

The EUT passed the test.

#### **Testing location:**

All tests as described in Test Case and Measurement Sections were performed at the laboratory described on page 2.

#### Summary of compliance with National Differences (List of countries addressed):

EU Group Differences, EU Special National Conditions, EU A-Deviations, AT, AU, BE, CA, CH, CZ, DK, FI, FR, GB, GR, HU, IT, JP, NL, NO, NZ, PL, SE, SI, SK, US

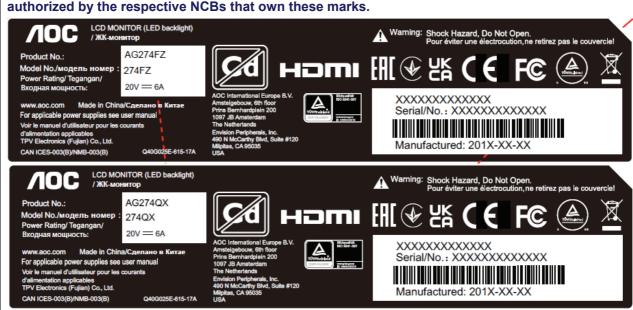
Explanation of used codes: AT=Austria, AU=Australia, BE=Belgium, CA=Canada, CH=Switzerland, CZ=Czech Republic, DK=Denmark, FI=Finland, FR=France, GB=United Kingdom, GR=Greece, HU=Hungary, IT=Italy, JP=Japan, NL=The Netherlands, NO=Norway, NZ=New Zealand, PL=Poland, SE=Sweden, SI=Slovenia, SK=Slovakia, US=United States of America

For National Differences see end of this test report.

- \* National differences to IEC 60950-1:2005 (Second Edition) + Am 1:2009 evaluated.
- ☐ The product fulfils the requirements of EN 60950-1:2006 + A11:2009 + A1:2010 + A12:2011 + A2:2013.

# Copy of marking plate

The artwork below may be only a draft. The use of certification marks on a product must be authorized by the respective NCBs that own these marks.



#### Note

All models' rating labels are in the same design except for type designation. Above labels are representing the other models.