



TEST REPORT

Test item

Game Console
Nintendo Wii

Report no.

300-KLAB-07-117

Date

31st August 2007

VERSION 2



TEST REPORT

Enclosures: -
Order no. -
Contract no. I07-06

Claimant
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Items
Brand: Nintendo
Model: Wii
Item: Game Console
Reception/date: 28.03.2007
Test/date: 02.04.2007 – 03.04.2007

Remarks -

Conditions
Testing has been carried out in compliance with the Danish Technological Institute's General Terms and Conditions regarding Commissioned Work Accepted by the Danish Technological Institute, August 1999.
The test results apply to the tested products only.
This test report may be reproduced in extract only if the report is officially available or if the Laboratory has approved the extract in writing.

Signature/Test performed by

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1. TEST PROGRAM

This test report contains results from the following tests performed in accordance with Energy Star Program Requirements for computers Version 4:

- Test 1** Determination of power consumption for computers, in standby mode (Off mode).
- Test 2** Determination of power consumption for computers in idle mode.

Furthermore this test report contains results from the following tests according to agreement with the Danish Electricity Saving Trust:

- Test 3** Determination of power consumption when the game console is in idle screen saver mode.
- Test 4** Determination of power consumption when the game console is playing the game “Wii-sports”.

2. EQUIPMENT

Equipment	Brand	Type	Used for measuring
Power Analyzer	Voltech	PM100 / 300	Power consumption / Voltage
Thermometer	Vaisala	HMP 230	Temperature

3. METHOD

All tests were performed in climate chamber at an ambient temperature of $25\text{ °C} \pm 2\text{ K}$ and a humidity of $23\text{ RH} \pm 2$. The game console was connected to a Standard Definition (SD) 4:3 – CRT-TV with a scart plug.

Test 1 – Test 2

The tests were performed in accordance with Energy Star Program Requirements for computers Version 4.

Test 3 – Test 4

The power consumption was measured over the listed times and the average power consumption was calculated.

Test no.	Time [min.]
3	10
4	30



4. RESULTS

The test results solely apply to the tested item(s).

Test no.	Description	Power consumption [Watt]
1	Standby mode	1,49
2	Idle mode	18,09
3	Idle screen saver mode	18,11
4	Game: "Wii-sports"	19,25

The console does not have a Sleep mode.

Standby mode can only be activated by the push button on the console or by the remote control.

Nintendo Wii cannot play DVD movies or music and picture CD's.

The game console does not have a control switch for total power disconnection. The console needs to be switched off at the plug.

5. REFERENCES

- 1 ENERGY STAR[®] Program Requirements for Computers
Version 4.0