ANNEX II

Ecodesign requirements

1. One year after this Regulation has come into force:

(a) Power consumption in 'off mode':

Power consumption of equipment in any off-mode condition shall not exceed 1,00 W.

(b) Power consumption in 'standby mode(s)':

The power consumption of equipment in any condition providing only a reactivation function, or providing only a reactivation function and a mere indication of enabled reactivation function, shall not exceed 1,00 W.

The power consumption of equipment in any condition providing only information or status display, or providing only a combination of reactivation function and information or status display, shall not exceed 2,00 W.

(c) Availability of off mode and/or standby mode

Equipment shall, except where this is inappropriate for the intended use, provide off mode and/or standby mode, and/or another condition which does not exceed the applicable power consumption requirements for off mode and/or standby mode when the equipment is connected to the mains power source.

2. Four years after this Regulation has come into force:

(a) Power consumption in 'off mode':

Power consumption of equipment in any off-mode condition shall not exceed 0,50 W.

(b) Power consumption in 'standby mode(s)':

The power consumption of equipment in any condition providing only a reactivation function, or providing only a reactivation function and a mere indication of enabled reactivation function, shall not exceed 0,50 W.

The power consumption of equipment in any condition providing only information or status display, or providing only a combination of reactivation function and information or status display shall not exceed 1,00 W.

(c) Availability of off mode and/or standby mode

Equipment shall, except where this is inappropriate for the intended use, provide off mode and/or standby mode, and/or another condition which does not exceed the applicable power consumption requirements for off mode and/or standby mode when the equipment is connected to the mains power source.

(d) Power management

When equipment is not providing the main function, or when other energy-using product(s) are not dependent on its functions, equipment shall, unless inappropriate for the intended use, offer a power management function, or a similar function, that switches equipment after the shortest possible period of time appropriate for the intended use of the equipment, automatically into:

— standby mode, or

— off mode, or

— another condition which does not exceed the applicable power consumption requirements for off mode and/or standby mode when the equipment is connected to the mains power source. The power management function shall be activated before delivery.

3. Measurements

The power consumption referred to in points 1(a), 1(b), 2(a) and 2(b) shall be established by a reliable, accurate and reproducible measurement procedure, which takes into account the generally recognised state of the art.

Measurements of power of 0,50 W or greater shall be made with an uncertainty of less than or equal to 2 % at the 95 % confidence level. Measurements of power of less than 0,50 W shall be made with an uncertainty of less than or equal to 0,01 W at the 95 % confidence level.

4. Information to be provided by manufacturers

For the purposes of conformity assessment pursuant to Article 4, the technical documentation shall contain the following elements:

(a) for each standby and/or off mode:

— the power consumption data in Watts rounded to the second decimal place,

— the measurement method used,

— description of how the appliance mode was selected or programmed,

— sequence of events to reach the mode where the equipment automatically changes modes,

— any notes regarding the operation of the equipment;

(b) test parameters for measurements:

— ambient temperature,

— test voltage in V and frequency in Hz,

— total harmonic distortion of the electricity supply system,

— information and documentation on the instrumentation, set-up and circuits used for electrical testing;

(c) the characteristics of equipment relevant for assessing conformity with the requirements set out in point 1(c), or the requirements set out in points 2(c) and/or 2(d), as applicable, including the time taken to automatically reach standby, or off mode, or another condition which does not exceed the applicable power consumption requirements for off mode and/or standby mode.

In particular, if applicable, the technical justification shall be provided that the requirements set out in point 1(c), or the requirements set out in points 2(c) and/or 2(d), are inappropriate for the intended use of equipment.