



EC DECLARATION OF CONFORMITY

We,

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declare under our sole responsibility that the product:

Product Name: **TG587n v3**

Product Code: **DSLWBA685EG**

to which this EC Declaration relates is in conformity with the provisions of the following Council directives:

- RTTE Directive 1999/5/EC: Radio and Telecommunications Terminal Equipment.
- Commission Regulation (EC) No 1275/2008 implementing Directive 2009/105/EC: Ecodesign requirements for standby and off mode electric power consumption of electrical and electronic household and office equipment.
- Commission Regulation (EC) No 278/2009 following the provisions of the Energy-related Product directive 2009/105/EC (ecodesign): Ecodesign requirements for no-load condition electric power consumption and average active efficiency of external power supplies.

The standards and/or normative documents are as follows:

SAFETY

- EN 60950-1:2006 Information technology equipment - Safety Part 1: General requirements.

EMC

- EN 55022:2006 + Amendment A1: 2007 Information technology equipment - Radio disturbance characteristics - Limits and methods of measurement.
- EN 55024:1998 + Amendment A1: 2001 + Amendment A2: 2003 Information technology equipment - Immunity characteristics - Limits and methods of measurement.
- EN 61000-3-2:2006 Electromagnetic compatibility (EMC) - Part 3-2: Limits - Limits for harmonic current emissions (equipment input current up to and including 16A per phase).
- EN 61000-3-3:2008 electromagnetic compatibility (EMC) - Part 3-3: Limits - Limitation of voltage changes, voltage fluctuation and flicker in public low-voltage supply systems, for equipment with rated current ≤ 16 A per phase and not subject to conditional connection.
- EN 301 489-01 V1.8.1 (2008-04) Electromagnetic compatibility and Radio spectrum Matters (ERM); ElectroMagnetic Compatibility (EMC) standard for radio equipment and services; Part 1: Common technical requirements.
- EN 301 489-17 V2.1.1 (2009-05) Electromagnetic compatibility and Radio spectrum Matters (ERM); ElectroMagnetic Compatibility (EMC) standard for radio equipment and services; Part 17: Specific conditions for Wideband data and HIPERLAN equipment.

SPECTRUM

- EN 300 328 V1.7.1 (2006-10) Electromagnetic compatibility and Radio Spectrum Matters (ERM); Wideband Transmission systems; Data transmission equipment operating in the 2,4 GHz ISM band and using wide band modulation techniques; Harmonized EN covering essential requirements under article 3.2 of the R&TTE Directive.

HEALTH

- European Council Recommendation (1999/519/EC) on the limitation of exposure of general public



to electromagnetic fields (0 Hz to 300 GHz).

- EN 50385:2002 Product standard to demonstrate the compliance of radio base stations and fixed terminal stations for wireless telecommunication systems with the basic restrictions or the reference levels related to human exposure to radio frequency electromagnetic fields (110 MHz - 40 GHz) - General public.

ECO

- EN 62301 (2005) Household electrical appliances – Measurement of standby power.

Responsible person:

Gilles Fleury
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Gateways and Connected Devices R&D

Signature:

Place and date of issue:

Edegem, 2011-06-21