



EC Declaration of Conformity

Radio Equipment and Telecommunications Terminal Equipment
Directive (R&TTE) 1999/5/EC

Manufacturer:
2N TELEKOMUNIKACE a.s.
Modřanská 621, Prague 4, Czech Republic

Declares that the product

Description:

Router for internet connection using LTE/UMTS/GSM network.

Name of product:

2N[®] SpeedRoute

Model numbers:

2N[®] SpeedRoute, Order No. 5018xxx

Specification:

Device is designed for high speed data connection to Internet using wireless network. Local connection is performed by Ethernet or WiFi connection. Device allows voice connection over analogue phone line.

Telecommunication interface:

Ethernet interface, WiFi, wireless connection to LTE/UMTS/GSM network, analogue phone interface FXS.

Radio interface:

LTE 800/900/1800/2100/2600 MHz, UMTS 900/2100 MHz, GSM 1800/1900, EGSM 900 MHz

conforms to the following Standards

EMC:

EN 55 022 ed.2: 2006 + A1:2007,
EN 55 024: 1998 + A1: 2001 + A2: 2003,
(EN 61000-4-2, EN 61000-4-3, EN 61000-4-4, EN 61000-4-5,
EN 61000-4-6, EN 61000-4-11, EN 61000-3-2, EN 61000-3-3)
(ETSI EN 301 489-1 V1.8.1:2008, ETSI EN 301 489-7 V1.3.1:2005)

Safety:

EN 60 950-1:2006 + A1:2010

Human exposure to EF

EN 50 385: 2004

RF spectrum efficiency:

EN 301 511 v9.0.2,
EN 301 908-2 v4.2.1, EN 301 908-13 v 5.2.1

WiFi radio tests

EN 300 328 version 1.7.1,
EN 301 893 version 1.5.1

and declares that the product is **safe** under conditions of usage and under conditions stated in the service manual belonging to this product.

The tests were performed by the following accredited test laboratories:

Czech Metrology Institute,

Test laboratory No. 1341, Accredited by CIA
Okružní 31, 638 00 Brno, Czech Republic

- Test Report No. 8551-PT-E0082-12

VOP – 026 Šternberk, s.p.,

Technology Testing Department – Testing Laboratory No. 1103,
accredited according to ČSN EN ISO/IEC 17025 (EN ISO/IEC 17025),
VTÚPV Vyškov division, V. Nejedlého 691, 682 03 Vyškov, Czech Republic

- Test Report No. 7250-044/2012

Human exposure to radio frequency electromagnetic fields according to EN 50 385 standard were set by calculation by EN 50 383 standard.

RF parameters of WiFi module DNXA 116 produced by Wistron NeWeb Corp. were performed by Atheros Communications, Inc., 1700 Technology Drive, San Jose, CA 95100, USA, who released Declaration of Conformity about it.

RF parameters of GSM engines MC7710, MC7700, MC8704 were performed by Sierra Wireless Inc., 13811 Wireless Way, Richmond BC, Canada V6V 3A4, who released Declaration of Conformity about it.

RF parameters of GSM engine HE910-EUR were performed by Telit Communications S.p.A.,
Via Stazione di Prosecco, 5/B, I - 34010 Sgonico (Trieste), Italy, who released Declaration of Conformity about it.

RF parameters of GSM engines ME909U were performed by Huawei Industrial Base, Bantian, Longgang, Shenzhen
518129, People's Republic of China, who released Declaration of Conformity about it.

RF parameters of GSM engines SIM5320E and SIM5320A were performed by Shanghai Simcom Ltd.
Building A, SIM Technology Building, No.633, Jinzhong Road, Changing District, Shanghai, P.R. China,
who released Declaration of Conformity about it.

The documentation and test reports relevant to the switching power supply are held at:
SUNNY Computer Technology Europe, s.r.o., Kotlanova 3, Brno, 628 00, Czech Republic.

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