

# EC Declaration of Conformity

Directive:

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

Manufacturer:

**2N TELEKOMUNIKACE a.s.**  
Modřanská 621  
143 00 Prague 4  
Czech Republic

Declares that the product:

## 2N<sup>®</sup> OMEGA Lite

**Model numbers:**

Type numbers: **2N<sup>®</sup> OMEGA Lite Order No. 188000x,**  
**internal GSM gateway Order No. 188004x, uses cellular engine MC55 or MC56,**  
**telecom. interface modules Order No. 188002x or 188003x**

**Description:**

ISDN / analog PBX (telecom Switch) up to 24 ports, supports ISDN S0 – TE trunk interface, analog a/b trunk interface with FSK CLIP and 16/12 kHz charge function, analog a/b extension, KEY telephone, GSM 900/1800/1900 MHz interface or GSM 850/1800/1900 MHz interface, VoIP - Ethernet 10Base-T, SIP and H.323

**Designed for:**

PBX telecom switch supports LCR router function

**Conforms to the following Standards:**

Safety: EN 60 950-1:2001

EMC: EN 55 024: 1998, A1: 2001, A2: 2003, EN 55 022: 1994, A1: 1995, A2: 1996, Cor.1:1997,

EN 61000-4-2: 1995, A1: 1998, A2: 2001, EN 61000-4-3: 2002, A1: 2002,

EN 61000-4-4: 1995, A1: 2001, EN 61000-4-5:1995, A1: 2001, EN 61000-4-6: 1696, A1: 2001,

ETSI EN 301 489-1, ETSI EN 301 489-7

Telecom.: TBR21, TBR3

RF spectrum efficiency: 3GPP TS 51.010-1, v 5.6.0, ETSI EN 301 511, v 9.0.2

**The tests were performed by the following accredited test laboratory (laboratories):**

Technical Centre of Telecommunications and Post  
Testing laboratory No. 1063 TESTCOM, Accredited by CIA  
Hvoždanská 3, 148 01 Praha 4, Czech Republic.

Výskumný ústav spojov, n.o.

Testing laboratory No. 040/S-036, Accredited by SNAS  
Zvolenská cesta 20, 975 90 Banská Bystrica, Slovak Republic

RF parameters of GSM engine were performed by Siemens AG, ICM WM RD,  
Siemensdamm 50, 13623 Berlin, Germany.

**The following harmonized technical standards were applied for conformity assessment:**

EMC: Protocol No.: 75/06 - EN 55 022, EN 55 024, ETSI EN 301 489-1, ETSI EN 301 489-7,

Safety: Protocol No.: EB1405 – EN 60950-1

Telecom: Protocol No.: 21/604/2006-1 - TBR21

Telecom: Protocol No.: 21/604/2006-2 – TBR3

The documentation and test reports relevant to the cellular engines are held at:

Siemens AG, ICM WM RD, Siemensdamm 50, D-13623 Berlin Germany

**Date and place of issue:** Prague, Czech Republic, 29<sup>th</sup> November 2006

**2N TELEKOMUNIKACE a.s.**



Manufacturer's stamp

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Ing. Oldřich Stejskal , managing director

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