

ETS PRODUCT SERVICE AG - NOTIFIED BODY

(NOTIFIED BODY ACC. TO R&TTE DIRECTIVE 1999/5/EC)

EU-KENNUMMER: 0681

recognised in accordance with the R&TTE Directive 1999/5/EC of 9th March 1999
as Notified Body for the Federal Republic of Germany, represented by



Bundesnetzagentur

EC-R&TTE CERTIFICATE

Expert Opinion

Registriernummer: **G0M20608-0743-C**
Registration No.:

ProduktHersteller: **Panasonic Electronic Devices Europe GmbH**
Manufacturer: **Zeppelinstr. 19**
21337 Lueneburg, Germany

Bescheinigungsinhaber: **Panasonic Electronic Devices Europe GmbH**
Certificate Holder: **Zeppelinstr. 19**
21337 Lueneburg, Germany

Produktbezeichnung: **ENWC9A05A3E (ETRX2 with Antenna)**
Product Designation:

Produktbeschreibung: **ZigBee - Module**
Product Description:

Vorschrift(en): Radio : EN 300 328 v.1.6.1 (11/2004)
Specification(s): EMC : EN 301 489-17 V1.2.1 (08/2002)
Safety : EN 60950-1:2001+A11:2004

Diese Bescheinigung ist erstellt in Übereinstimmung mit Annex IV der R&TTE Direktive 1999/5/EC vom 9. März 1999 und gilt nur in Verbindung mit den nachfolgenden - **1** - Anlagen.

This certificate is issued in accordance with Annex IV of the R&TTE Directive 1999/5/EC of 9th March, 1999 and is only valid in conjunction with the following - **1** - annexes.

The equipment is to mark with the Approval mark:

CE0681



Reichenwalde, 05. October 2006

Ort, Ausstellungsdatum
Place, Date of Issue

Untersignet von/Signed by Dieter GRIEP
Benannte Stelle/ Notified Body



System description

Frequency band(s)	2.4 - 2.4835 GHz
Operating frequency/ Switching range	2.405 - 2.4800 GHz
Channels / Bandwidth	16 / 2 MHz
Transmit power	3.00 mW e.i.r.p.
Type of modulation	DSSS
Type of antenna	integral
Mode of operation (simplex/duplex)	duplex
Duty cycle * (access protocol, if applicable)	Up to 100 %
Comments	Class Identifier: 1.22 Wide Band Data Transmission systems in the 2400-2483.5 MHz band Persons integrating the module becomes the manufacturer of the final product and is therefore responsible for demonstrating compliance of the product with the essential requirements of the R&TTE Directive. The assessment of the final product must be made against the Essential requirements of the R&TTE Directive Articles 3.1(a) and (b), safety and EMC respectively.

Technical Construction File

essential components of the technical construction file:

test report(s)

G0M20608-0743-T-45

G0M20608-0743-E-15

G0M20608-0743-L

User manual

ENWC9A05A3E (ETRX2 with Antenna)

Technical Documentation

ENWC9A05A3E (ETRX2 with Antenna)

including:

PCB Layout
Circuit diagram
Part list

Declarations:

Acc. to article 3.2 : Radio
Acc. to article 3.1b : EMC
Acc. to article 3.1a : Safety