

EXPERTISE

Expert Opinion of the Notified Body based on the Conformity Assessment according to Annex IV of the R&TTE Directive 1999/5/EC

Eurofins Product Service GmbH

EU Identification Number **0681**

recognized by



Bundesnetzagentur

BNetzA-bS-02/51-53

Registration Number: **U9M20906-9802-C**

Certificate Holder: **Coiler Corporation**
8F-4, No. 75, Sec. 1, Hsin Tai Wu Road, Hsih-Chih City
Taipei Hsien, Taiwan, R.O.C.

Model Name: **AT-2200**
Brand Name: **COILER**

Product Description: **Repeater**

Applied Standards: Radio: EN 301908-1 V3.2.1 (05/2007), EN 301908-11 V3.2.1 (05/2007)
3GPP TS 25.106 V8.1.0 (01/2009), 3GPP TS 25.143 V8.2.0 (07/2009)
EMC: EN 301489-1 V1.8.1 (04/2008), EN 301489-23 V1.3.1 (08/2007)
Safety: EN 60950-1:2006
Health: Not assessed

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 annex: - 1 -

Marking Example according to Article 12 of the R&TTE Directive:

CE0681



Reichenwalde, 17. September, 2009

Ort, Ausstellungsdatum
Place, Date of Issue



Unterzeichnet von/Signed by Thomas Dickten
Benannte Stelle/Notified Body

Opinion on the essential requirements

Article 3.1a) health and safety	No remarks
Article 3.1.b) electromagnetic compatibility	No remarks
Article 3.2 effective use of the radio spectrum	No remarks

Manufacturer(s)	Coiler Corporation 8F-4, No. 75, Sec. 1, Hsin Tai Wu Road, Hsih-Chih City Taipei Hsien, Taiwan, R.O.C.
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System description

Frequency band(s)	Up-link: 1920 MHz - 1935 MHz; Down-link: 2110 MHz - 2125 MHz
Operating frequency/ Alignment range	Up-link: 1920 MHz - 1935 MHz; Down-link: 2110 MHz - 2125 MHz
Number of channels/ Channel spacing	3 channels 5 MHz
Transmit power	Up-link: max. 7 dBm Down-link: max. 7 dBm
Type of antenna	Integral antenna(s) Patch Antenna
Mode of operation (simplex/duplex)	Duplex
Duty cycle * (access protocol, if applicable)	N/A
Comments	In the case of radio equipment using frequency bands whose use is not harmonised throughout the Community, the manufacturer or his authorised representative established within the Community or the person responsible for placing the equipment on the market shall notify the national authority responsible in the relevant Member State for spectrum management of the intention to place such equipment on its national market. This notification shall be given no less than four weeks in advance of the start of placing on the market and shall provide information about the radio characteristics of the equipment (in particular frequency bands, channel spacing, type of modulation and RF-power) and the identification number of the notified body referred to in Annex IV or V.
EU Member States in which placing on the market is planned	N/A

Technical Construction File

Essential components of the technical construction file:

Test report(s) **Radio: W6M20906-9802-301908 (Worldwide Testing Services (Taiwan) Co., Ltd.)**
W6M20906-9802-25106 (Worldwide Testing Services (Taiwan) Co., Ltd.)
EMC: W6M20906-9802-E-23 (Worldwide Testing Services (Taiwan) Co., Ltd.)
Safety: W6M20906-9802-L (Worldwide Testing Services (Taiwan) Co., Ltd.)

User manual

Technical Documentation Model No. **AT-2200**

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

Obligations of the Certificate Holder

An opinion is valid at the time of issue and relates only to the situation at that time. It is the manufacturer's responsibility to seek an updated opinion if they believe that a change in design, manufacture, requirements or any other matter calls in to question the validity of the opinion.

In this sense, there is no "duration of validity" for a notified body opinion. It remains valid for so long as the circumstances relevant to its issue remain unchanged. If there is a change, then it is the responsibility of the manufacturer to determine the need for a new or updated opinion.

The Declaration of Conformity must be supplied with each product; it can be a separated leaflet or be printed in the users manual or packaging.

Equipment, which at the time of placing on the market contains as an integral part an R&TTE component, which should not be removed by the user, should be marked according to the R&TTE Directive. In addition in its user manual it should comply with the R&TTE Directive and e.g. indicate geographic limitations of use.