

Expertise

Expert Opinion of the Notified Body on the Conformity Assessment
according to Article 10.5 of R&TTE Directive 1999/5/EC

PHOENIX TESTLAB
EU Identification Number **0700**

Recognised by  Bundesnetzagentur

BNetzA-bS-02/51-55/1

Expertise No.	08-112644
Certificate Holder	E-TECH Co., Ltd.
Address	#403-901, Techno Park Complex, 193, Yakdae-dong, Wonmi-gu, Bucheon-city, Kyunggi-do, 420-734, Korea
Product Description	FM Handheld Transceiver (UHF), PMR 446
Brand Name / Model Name	-- / EF-1
Frequency Range	446.00625 MHz – 446.09375 MHz
Transmitted Power	Max. 0.5W

Opinion on the Essential Requirements

Article 3.1a): Health and Safety	Remarks see Annex
Article 3.1b): Electromagnetic Compatibility	No remarks
Article 3.2: Effective Use of the Radio Spectrum	No remarks

CE-marking

Marking Example (Class 1) **CE 0700**

This certificate is issued in accordance with the Directive 1999/5/EC of the European Parliament and the Council on radio equipment and telecommunications terminal equipment and the mutual recognition of their conformity dated 9th March 1999 and is only valid in conjunction with the following annex (2 pages)



Blomberg, 07 November 2008

Place, Date of Issue



Signed by Holger Bentje
Notified Body

Technical Construction File (TCF):

Description

User Manual: User Manual EF-1, Ver 1.0
Operational Description: Circuit Description, V1.0, 2 pages, --

Manufacturing Documents

Block Diagram: EF-1 Block diagram, --
Circuit Diagram: EF-1, 2008.09.11
Parts Placement: ep448_080512_05W.pcb, 2 pages
PCB-Layout: --
Parts List: Parts List (Model: EF-1), 2008.09.11
Hardware Version: --
Software Version: --

Applied Standards and Test Reports

Specification	Laboratory	Test Report Number
EN 301 489-5 V1.3.1	SGS	F690501/RF-EMG002255-1
ETSI EN 300 296-2 V1.1.1	SGS	F690501/RF-RTL002296
EN 60950-1:2001+A11:2004	SGS	F690501/RF-SAF002201

Further Documents

Declaration of Conformity, 31 October 2008



Opinion on the Essential Requirements:

The basis of this Expertise is the Technical Construction File (TCF). If the TCF includes test reports issued by laboratories accredited to the standard ISO/IEC 17025, the test results of these reports are considered as a basis for the conformity assessment of the Notified Body.

Article 3.1a): Health and Safety:

- Safety: Conform
- Health: Not assessed

Article 3.1b): Electromagnetic Compatibility:

- Conform

Article 3.2: Effective Use of the Radio Spectrum:

- Conform

General Remark

- The Technical Construction File (TCF) should include PCB-layouts of all layers additionally.

