



**Telecommunications & Telematics
for Transports Lab.**

TEST REPORT

Ref. No. ARSH00145/1

Date: 2007-11-15

According with:



**FCC Rules: Code of Federal Regulations (CFR) no. 47 -
PART 15 – UNLICENSED MODULAR TRANSMITTER APPROVAL
PUBLIC NOTICE: DA 00-1407**

PRODUCT : RFID Transceiver Module

TESTED MODEL : RFID 13

FCC ID : UKMRFID13

APPLICANT : EMILAB S.r.l. – Via Jacopo Linussio, 1- 33020 Amaro (UD) - Italy

MANUFACTURER : EUROTECH S.p.A. – Via F. Solari, 3/A – 33020 Amaro (UD) - Italy

TRADEMARK : EUROTECH

OTHER INFORMATION Testing dates : 2007-11-12 ÷ 2007-11-13

Tested samples No. : 1

Testing Laboratory : IMQ S.p.A. Via Quintiliano, 43 I-20138 MILANO

Prepared by: R. Colombo
(EMC and R&TTE Lab deputy)

Signature:

Revision Sheet

Release No.	Date	Revision Description
Rev. 0	2007-10-12	First emission

NOTICE: The results of tests and checks reported in this Test Report refer exclusively to the samples tested and described in the Report itself. This report shall not be reproduced partially or in its entirety without the written approval of IMQ S.p.A.

IMQ S.p.A. - Via Quintiliano, 43 – I-20138 MILANO

REFERENCE STANDARDS

According to :

PUBLIC NOTICE :	DA 00-1407	Part 15 Unlicensed Modular Transmitter Approval
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Released	: June 26, 2000
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MODULE-TYPE DEVICE APPROVAL OPTIONS:

- Modular Approval (MA)
- Limited Modular Approval (LMA)

REQUIREMENTS

The following requirements are fulfilled:

1) The modular transmitter must have its own RF shielding:

The RF module board fulfils the emission requirements of the FCC rules without additional shielding.

2) The modular transmitter must have buffered modulation/data inputs:

The module board has a memory management unit.

3) The modular transmitter must have its own power supply regulation:

The IC contains an own voltage regulation. In case of changes in the supply voltage VCC (for example caused by temperature changes or other effects), the internal voltage will be stabilized.

4) The modular transmitter must comply with the antenna requirements of Section 15.203 and 15.204:

The RF module board is for OEM (Original Equipment Manufacturer) integration only. The end-user product will be installed in such a manner that only the authorized printed antenna is used.

5) The modular transmitter must be tested in a stand-alone configuration:

The RF module board was tested in a stand-alone configuration.

6) The modular transmitter must be labelled with its own FCC ID number:

The RF module board will be labelled with its own FCC ID number. When the module is installed inside the end-product, the label is not visible. The OEM manufacturer is instructed how to apply the exterior label.

- 7) The modular transmitter must comply with any specific rule or operating requirements applicable to the transmitter and the manufacturer must provide adequate instructions along with the module to explain any such requirements:**

The EUT is compliant with all applicable FCC rules. Detail instructions are given in the product Users Guide.

- 8) The modular transmitter must comply with any applicable RF exposure requirements.**

The EUT operates at low power level so it does not exceed the Commission's RF exposure guidelines limits.

RF exposure limit warning or SAR test are not required.

Special requirement for Limited Modular Approval:

The compliance of the end product is assured only when the customer retain control over the final installation of the RF module board.

Specific and restrictive installation instruction are described in the User Manual and Technical documentation furnished by the manufacturer (Grantee).