



EXONX Srl

Via Jacopo Linussio 1, 33020 Amaro (UD) – Italy

Proficiency Testing Programme in EMC

Information for Participants

About EXONX

The provider conducts proficiency testing of electronic devices in the EMC, radio, electrical, and environmental fields. The devices are designed and built by the company specifically for proficiency testing; they are not commercial components. Unless otherwise specified, the proficiency test object is unique and circulated sequentially to all participants. In the event of breakage or loss, a backup device with the same characteristics as the reference one is always available.

1 Programme Overview

- **Scope.** The programme focuses on EMC, radio, electrical, and environmental fields.
- **Participation model.** PTs are offered on an *individual participation* basis: each participant receives the proficiency test object and a clear test protocol. Results are assessed against a reference values derived from repeated characterization and consolidated past campaigns.
It is possible to request a bilateral comparison, in which case the comparison is made using the reference values provided by an expert laboratory.
- **Outcome.** Each participant receives an individual report with performance indicators and concise technical feedback.

2 What You Receive

- The proficiency test object suitable for the specific PT.
- A test protocol describing the measurements, interfaces and operating conditions to be applied to the device.
- Data templates and instructions for formatting and submitting results.

3 Available Proficiency Tests and Pricing - 2026

Prices are expressed in Euro and exclude VAT and shipping.

Code	Description	Price €
PT-CE-CISPR16	Conducted Emissions according to CISPR16 methodology	1 400
PT-CE-CISPR25-VM	Conducted Emissions for automotive equipment (CISPR25)	1 400

Below are the upcoming proficiency tests

Q1-2026: **Proficiency Test REMF-CISPR** Magnetic field Radiated Emissions according to CISPR 11, CISPR 36 and ANSI C63.4, price 2 600 €

Q1-2026: **Proficiency Test REMF-AUTO** Magnetic field Radiated Emissions according to OEM automotive standards, price 2 800 €

4 Participation and Deliverables

4.1 Typical Timeline

1. **Availability confirmation.** EXONX confirms availability of the proficiency test object and schedules the shipment.
2. **Testing window.** The device is typically retained by the participant for up to three weeks; the actual testing effort is usually one to two working days.
3. **Submission.** The participant submits the requested data files and returns the proficiency test object.
4. **Evaluation and report.** EXONX evaluates the results and issues an individual report.

4.2 Result Evaluation

Data are checked for completeness and format. Performance indicators are calculated relative to EXONX reference values and uncertainty models. The report provides:

- a summary of test conditions and submitted data;
- statistical data of the evaluated results;
- performance indicators (e.g., good / alert / out) for each measurement set;
- brief comments with *practical* recommendations if issues are detected;

The proficiency test object is continuously verified, before and after participating in the PT, against stability parameters. The uncertainty contribution resulting from the device's stability is taken into account when assessing the uncertainty of the reference value..

5 Shipping and Return Procedure

5.1 Preparation

EXONX prepares the shipment with documentation that describes the device. The participant ensures that the receiving location and contact person are able to accept courier deliveries during business hours.

5.2 Outbound Shipment to the Participant

- EXONX arranges shipment using a tracked courier. The participant will be notified of the tracking information.
- When applicable, customs paperwork describes the shipment as a temporary movement of test equipment. Any local import steps requested by authorities are managed by the participant or its customs broker.

5.3 Care of the Device

- Inspect the package upon receipt and report visible damage immediately.
- Operate the proficiency test object only within the limits stated in the test protocol. Do not modify hardware or cabling.

- Keep original packaging for the return.

5.4 Return to EXONX

1. Notify EXONX that testing is complete and the proficiency test object is ready for collection.
2. Repack the device using the original materials and include the return documents and checklist.
3. EXONX will book the courier pick-up. The participant hands over the shipment to the courier and retains the receipt.

5.5 Customs and Costs

- For cross-border movements, the participant declares a temporary import as required by local regulations. Any temporary taxes or deposits charged by authorities are typically refunded or cleared upon re-export.
- Shipping costs are charged at cost. Any additional fees due to delays, incorrect declarations, or special handling may be recharged to the participant.

5.6 Loss or Damage

The participant is responsible for the safekeeping of the proficiency test object while in its possession and must inform EXONX without delay in case of malfunction, loss or damage. Corrective actions and cost allocation will be agreed on a case-by-case basis.

6 Data Submission

Submit the requested files via the secure channel indicated in the protocol. Unless otherwise stated, raw data, processed values and logs should be retained by the participant for at least 12 months after the report date.

7 Contacts

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