

Tag Testing System is a complete, portable and inexpensive kit that allows you to evaluate in real time the functionality and the performance of passive UHF RFID tags.

Practical, light and functional, the kit includes a query module and a graphical user interface for acquisition of data, which can be exported in PDF or Excel format.

TAG TESTING SYSTEM ENSURES QUALITY AND RELIABILITY OF YOUR IOT PROJECTS, FACILITATING:



RESEARCH AND DESIGN OF TRANSPONDERS AND SMART LABELS



DEVELOPMENT OF POC AND EVALUATION OF TAG PERFORMANCE IN THE FIELD



CHOICE OF TAGS FOR ITEMS ELECTRONIC LABELING

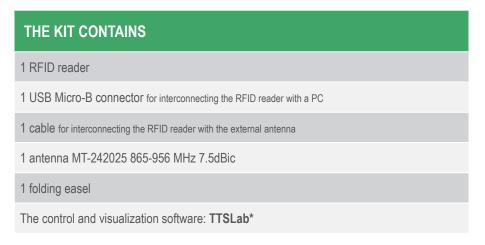
The Tag Testing System was developed by Radio6ense and is distributed by Tenenga





Tag Testing System is a solution to verify in real time the functionality and performance of passive and semi-passive UHF RFID tags by processing, with an ad-hoc algorithm, the signals exchanged between tag and reader during communication.

The system, consisting of a reader, an external antenna and dedicated software, evaluates the ignition power of the tag for each operating frequency (1 MHz step) in the ETSI band (865 -868 MHz) and FCC band (902-928 MHz).



• Possibility of customizing the kit (on demand) • "Full" version of the kit with anechoic wall







SYSTEM REQUIREMENTS OF THE HOST PC:

- At least 1 GHz processor
- 1 GB of RAM
- · Microsoft .NET 2.0 runtime or later
- Monitor resolution 1600x900 or higher
- Microsoft Windows Vista / 7/10 (64 bit)



*TTSLab is the processing software that activates the interrogation of the environment and lists all the tags detected in the surroundings with the corresponding EPC code, measuring the respective ignition powers in real time. The data is represented through a simple and intuitive graphic interface.



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Tenenga Srl is a system integrator specialized in development and implementation of automatic identification solutions.

Tenenga's professionals have over 30 years of experience, with skills that cover the entire service chain.



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Radio6ense is a spin-off of University of Rome Tor Vergata operating since 2013 as a highly specialized technology developer of customized RFID devices and solutions for sensors in the Industrial Internet of Things.