



Pacific RFID Performance Center

TEST CENTER DESCRIPTION:

Pacific RFID Performance Center (PRPC) is operated by Yeon Technologies Co., Ltd. This world-class Performance Center offers a variety of professional RFID services including performance testing, consulting, training and has successfully extended professional services to tools development, for example, for RFID tag inspection.

SERVICES/SOLUTIONS:

Performance Test – Performance test is PRPC’s core service; the variety of tests will fulfill customer different requirements, including tag, reader, antenna and applications on item level, case level, pallet level and system level.

- **Dynamic Test** – is based on EPCglobal standard test methods to verify the performance of customers’ tagged products.
 - **Dock Door Portal Test** : Measures the read performance for tagged pallets or cases with standard test methods.
 - **Conveyer Portal Test** : Measures the read performance for tagged cases or items with standard test methods, the maximum speed can be adjusted to 625 feet per mins.
- **Static Test** – is for both RFID products and tagged products.
 - **Tag Performance Test** : includes minimum turn-on power, read distance, read orientations, etc.
 - **Reader Antenna Performance Test** : includes antenna gains, radiation pattern, VSWR, F/B ration, AR ration, etc.
 - **Tagged Item Performance Test** : includes suitable tag selection, sweet spot selection, read distance test, read pattern and unique tests large item such as pallets in the RF anechoic chamber.

Consulting – PRPC offers different types of consulting services to fulfill customer’s needs.

- **RFID Technical Consulting** – is provided to help customer fulfill their needs for RFID development and implementation.



- **Product development consulting:** assists design houses in verifying their designs and propose a suggestion in need.
- **Quality control consulting:** assists tag manufactures or vender in building a quality test system/procedure.
- Education / Training – includes a basic course for beginners to learn about RFID and a customized course to tap into customers' need.
 - **RFID Overview** : RFID basics that range from RFID component to systems, from standard to certification, form plans to implementation, from POC to use cases, etc..
 - **Customized design** : Customers can request a specified course for themselves.
- RFID Field Test – is provided to reduce customers' tries-and-errors.
 - **Field Strength Measurement** : helps customers to understand their portal strength status.
 - **Interrogation Zone Optimization:** helps customers to identify the interrogation zones and to optimize the zone by adjustment of antenna height or orientation or others.
- Technology transfer – is offered to assist customers in building a performance test center. The services include but not limited to plan, build the facilities and train the lab members to operate the center by themselves.

RFID Tour – specially designed for schools and visitors who are interested in RFID programs. The tour includes – RFID introduction, PRPC facilities introduction and demonstrations.

INDUSTRY VERTICALS SERVED:

- ✓ Retail
- ✓ School
- ✓ RFID design center
- ✓ RFID manufacture
- ✓ RFID Vender



AWARDS/KEY ACHIEVEMENTS:

- ✓ 100+ RFID products tested
- ✓ 500+ visitors came to PRPC

COMPANY CONTACT INFORMATION

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