voyantic

Performance Test System
for UHF RFID Readers

Readformance™

Voyantic Readformance™ is a tool for evaluating the functionality and performance of UHF RFID readers in reader development and selection.

Key Functionalities

- Measure the transmit power
- Determine the reader sensitivity
- Perform both conductive and radiated field measurements
- Monitor and analyze the communication between the reader and a tag.

Benefits

- Verify reader performance
- Benchmark different readers
- Troubleshoot applications
- Make a quick and easy analysis of differences between hardware or firmware revisions
- Suitable both for R&D and production.

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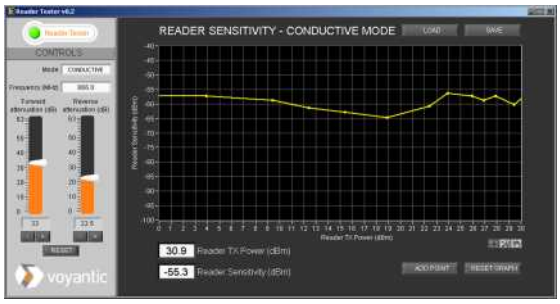
Conductive measurement setup

Radiated Measurement Kit



Readformance graphical user interface

The front panel of the Readformance

Visibility to Reader Performance

Surely you make the best reader in the market - but why have everyone just take your word for it? Characterize your reader with Readformance for performance, benchmark it with competing readers, and share the information with your partners and customers.

Instant Feedback after Design Changes

Even a small change in the reader's hardware or firmware may affect its overall performance. Run systematic regression tests after each update with Readformance. It will only take a couple of minutes, and it can save you weeks.

High Production Quality

Build automated scripts with Readformance to verify the performance of every reader that you manufacture. Make sure that both transmit power and receive sensitivity conform to your specification, and ship only high performing readers.

Cost-efficient Comparison and Selection

Overall system performance depends on both tags and readers. Enhance the reliability of your RFID system by choosing a reader that meets your application's requirements.

Quick Troubleshooting

Readformance helps to make sure that your reader is performing as it should, and see what is happening in the communication between the reader and the tags.

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METAG
Delivering Unique Value in RFID