Tagformance™

Tagged-Item Grading Suite

Benefits

- **Check that the tagged item meets the TIPP grade requirement set**
- **Analyze the weakest read angle and possible test that causes the tagged item to fail to comply with the set grade requirement**
- **Grade your tagged-items, by defining exactly which TIPP grade it complies with**

100% Compliance to GS1 TIPP

GS1 has established the Tagged-Item Performance Protocol (TIPP) as a common language and a common test procedure to achieve successful and reliable RFID operations.

The Tagformance Tagged-Item Grading Suite is 100% aligned with the GS1 Tagged-Item Performance Protocol (TIPP) concept and the related test methodology.

Grade verification is a fast way to check if a tagged item passes or fails a specifically selected grade.

The Tagformance system simplifies complex RF tests and brings high-quality testing to the reach of everyone. Testing time is reduced to a few minutes.

Tagged item grading returns clear information on which grades the tagged item passes.

If one of the grades would be failed, the software allows easy access to the raw data, to check which particular test results did not meet the protocol specification.

Voyantic

Performance in Retail Environments

The tagged items should fulfill the set performance requirements in diverse retail settings, however, the RF performance of tagged items may vary greatly due to different UHF RFID labels used, different materials of the items, and different ways the items are displayed.

Choosing the correct tags plays a key role in application performance. Tagged-Item Grading is a measurable and comparable set of RFID tag performance qualities for tagged items. Most importantly, it is a way to communicate the performance requirements between retailers, suppliers and technology providers.

Automated Test Procedures

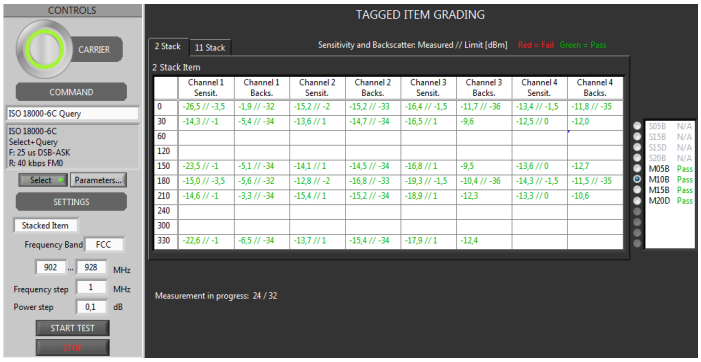
The system does not require an RFID expert to use it, thanks to its automated and straightforward test procedure. Open file formats and clear reporting ensure that results are accurate and test data can be easily shared between retailers and their suppliers.

Tagged-Item Grading provides the capability to define to which grade your item falls into, or a fast way to check whether the tagged item meets the required set grade.

System Components and Variants

The measurement is made in an RFID measurement cabinet using a rotation table and four antennas from different angles. Voyantic offers three size options for the setup to comply with different sized items. The distance from the antennas to the center of the tested item can be chosen as 50 cm, 100 cm or 150 cm.

Voyantic delivers the system as a complete setup. You can also upgrade an existing Tagformance testing system with any of the main components.



Tagformance Tagged Item Grading Software

RFID measurement cabinet in a lab

Voyantic

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