

PRODUCT DATASHEET EXCERPT

BO6U5 RAIN RFID label

22 October 2015

SUMMARY

BO6U5 is a Class 1 Generation 2 v2 passive UHF RFID label for global use on non-metal surfaces.



BO6U5 is designed for ...

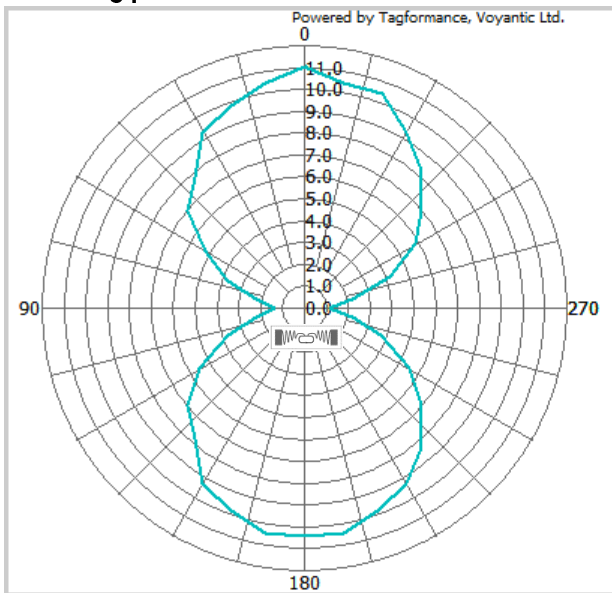
FEATURES

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RF PERFORMANCE

Performance test result, including read range test results are available on website in .tff file format. Below images are generated from the characterization data.

Radiating pattern

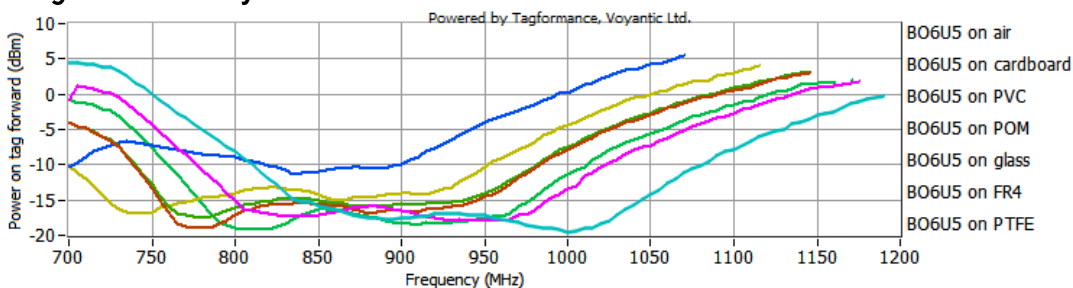


BO6U5 on air

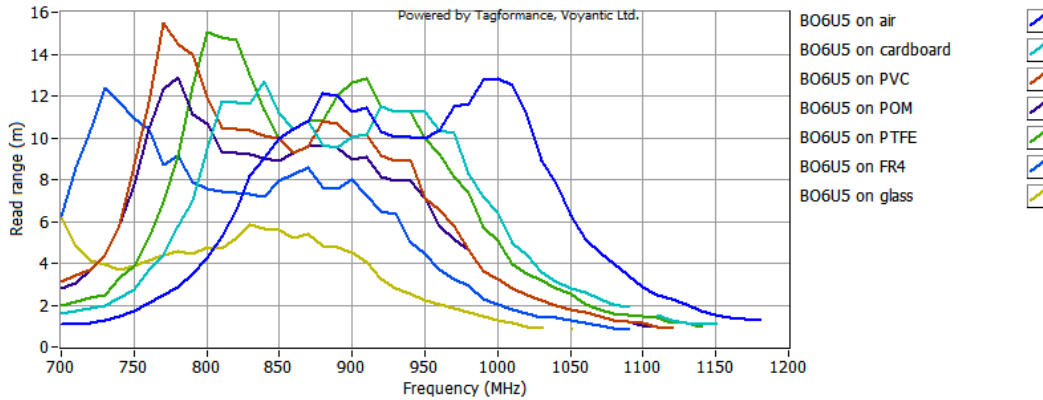


Read range (m) in different angles. A single inlay attached to cardboard, tested with 866Mhz frequency, 2W ERP reader.

Tuning and Sensitivity

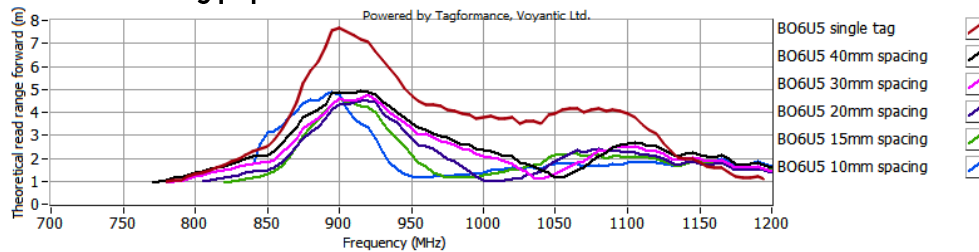


Typical read range



Read range with 2W ERP reader (ETSI)

Performance in tag population



Single tag and stack of 11 tags on air

QUALITY

Each label is tested at the end of the production line.

TID is recorded and sensitivity is tested with 865 MHz, 903 MHz and 927 MHz. Sensitivity of each tag is within +/- 1dBm from the reference tag specification. Minimum of 99.92% of the tags on reel meet the specification. Tags that are outside specification are marked.

Report of TIDs and sensitivity test results are available for the purchaser.

DIMENSION AND MECHANICS

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DELIVERY FORMAT

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COMPLIANCE

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CONTACT INFORMATION

Contact sales@voyantic.com to learn more about RFID performance testing and production quality testing.