



BSI Standards Publication

**Information technology — Radio frequency
identification for item management —
Methods for localization of RFID tags**

National foreword

This British Standard is the UK implementation of ISO/IEC 22243:2019.

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Introduction

Technology progress continuously achieves longer read ranges for RFID and in particular UHF RFID. With increasing communication ranges, the actual possible location of a tag around an interrogator gets larger and larger and there is often demand for more precise details on the tag location around the interrogator.

This document addresses tag localization by additionally superimposing a wideband localization signal to the communication between interrogator and tag.

In order to ensure interoperable systems, this document addresses the physical layer, logical layer and details on systems.

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