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Contact – Clarification of Terminal Timing for Consecutive Characters

This Specification Bulletin clarifies applicability of terminal timing requirements for consecutive characters.

Applicability

This Spec Bulletin applies to:

- *EMV® Level 1 Specifications for Payment Systems, EMV Contact Interface Specification, Version 1.0, October 2022.*

Related Documents

- *INTERNATIONAL STANDARD, ISO/IEC 7816-3, Identification cards — Integrated circuit cards — Part 3: Cards with contacts — Electrical interface and transmission protocols, Third edition, 2006-11-01*

Description

This Specification Bulletin clarifies that the section 9.2.2.1 requirement for the maximum interval between the leading edges of the start bits of any two consecutive characters sent by the terminal does not apply in the case of character repetition due to the indication of a parity error.

Proposed Specification Changes

The wording of section 9.2.2.1 is updated as follows

…

The maximum interval between the leading edges of the start bits of any two consecutive characters sent by the terminal, other than characters repeated due to the indication of a parity error, shall not exceed 13 + N etus where N is the value returned in TC1 (if TC1='FF' then N shall be taken as 0).

…

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