INTERNATIONAL STANDARD

ISO/IEC 7811-6

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AMENDMENT 1
2005-10-01

Identification cards — Recording technique —

Part 6: Magnetic stripe — High coercivity —

AMENDMENT 1: U_{i6} criteria and test method

Cartes d'identification — Technique d'enregistrement — Partie 6: Bandeau magnétique — Haute coercitivité — AMENDEMENT 1: Critères U_{i6} et méthode d'essai

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Foreword

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The main task of the joint technical committee is to prepare International Standards. Draft International Standards adopted by the joint technical committee are circulated to national bodies for voting. Publication as an International Standard requires approval by at least 75 % of the national bodies casting a vote.

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Amendment 1 to ISO/IEC 7811-6:2001 was prepared by Joint Technical Committee ISO/IEC JTC 1, *Information technology*, Subcommittee SC 17, *Cards and personal identification*.

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AMENDMENT 1: U_{i6} criteria and test method

page v, Foreword

Add the following after point 5:

6. The algorithm defined in Figure 7 of ISO/IEC 7811-6 has been changed to produce more consistent results.

page 8, subclause 7.3, Table 1

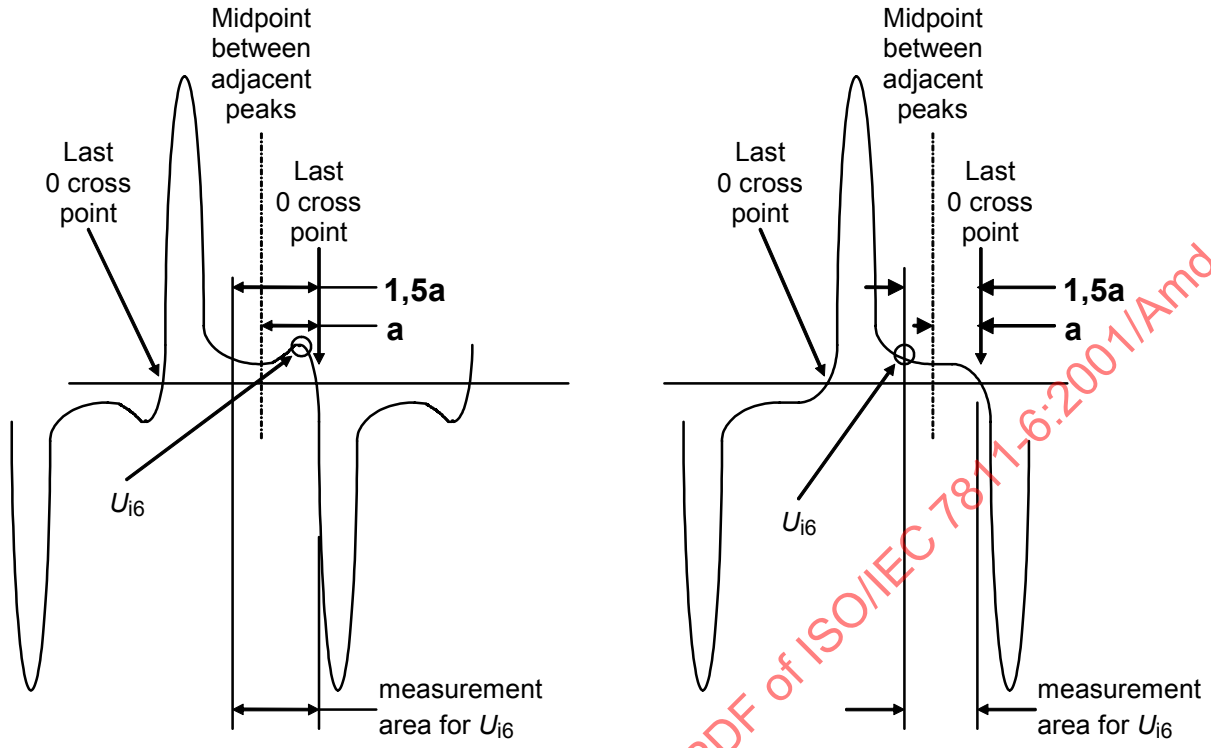
In the Requirement column for the Waveform row, replace "$U_{i6} \leqslant 0{,}05\ U_{A6}$" with "$U_{i6} \leqslant 0{,}07\ U_{A6}$".

Add a row above the note at the end of the table for the following text: "Use test method in Annex E for waveform criteria."

Add the following sentence to the existing note: "These values are for unencoded card tests and are **not** applicable for encoded cards."

Page 9, subclause 7.3, Figure 7

Replace the figure with the one shown below.



1.	Find midpoint between 2 adjacent peaks.
2.	Find 0 crossing point for waveform between midpoint and adjacent peak.
3.	The measurement area is 1,5 times the distance between the midpoint and 0 cross point.
4.	Find the largest signal amplitude level in the measurement area defined in the figure.
5.	The absolute value of this level is the U_{i6} for the waveform.