

ISO/IEC 14443-2:2010-09 (E)

Identification cards - Contactless integrated circuit cards - Proximity cards - Part 2: Radio frequency power and signal interface

Contents		Page
Foreword		iv
Introduction		v
1	Scope	1
2	Normative references	1
3	Terms and definitions	1
4	Symbols and abbreviated terms	2
5	Initial dialogue for proximity cards	3
6	Power transfer	4
6.1	Frequency	4
6.2	Operating field strength	4
7	Signal interface	4
8	Communication signal interface Type A	6
8.1	Communication PCD to PICC	6
8.1.1	Bit rate	6
8.1.2	Modulation	7
8.1.3	Bit representation and coding	14
8.2	Communication PICC to PCD	15
8.2.1	Bit rate	15
8.2.2	Load modulation	16
8.2.3	Subcarrier	16
8.2.4	Subcarrier modulation	16
8.2.5	Bit representation and coding	17
9	Communication signal interface Type B	17
9.1	Communication PCD to PICC	17
9.1.1	Bit rate	17
9.1.2	Modulation	18
9.1.3	Bit representation and coding	24
9.2	Communication PICC to PCD	24
9.2.1	Bit rate	24
9.2.2	Load modulation	24
9.2.3	Subcarrier	24
9.2.4	Subcarrier modulation	24
9.2.5	Bit representation and coding	24