

ISO 14223-1:2003-07 (E)

Radiofrequency identification of animals - Advanced transponders - Part 1: Air interface

Contents		Page
1	Scope	1
2	Normative references	1
3	Terms and definitions	1
4	Symbols and abbreviated terms	4
5	General requirements	4
6	FDX-B20 transponder -- Down-link	5
6.1	Description	5
6.2	Mode switching	6
6.2.1	Protocol	6
6.2.2	Modulation	7
6.2.3	Modulation details	8
6.3	Down-link communication	8
6.3.1	Protocol	8
6.3.2	Modulation	9
6.3.3	Modulation details	10
7	FDX-B100 transponder -- Down-link	10
7.1	Description	10
7.2	Mode switching	12
7.2.1	Protocol	12
7.2.2	Modulation and modulation details	12
7.3	Down-link communication	13
7.3.1	Protocol	13
7.3.2	Modulation and modulation details	13
8	HDX-ADV transponder -- Down-link	14
8.1	Description	14
8.2	Mode-switching	14
8.2.1	Protocol	14
8.2.2	Modulation and modulation details	15
8.3	Down-link communication	15
8.3.1	Timing	15
8.3.2	Bit encoding	15
8.3.3	Modulation details	16
Annex A (informative) Summary of down-link interfaces		17