

ISO/IEC TR 18047-7:2005-10 (E)

Information technology - Radio frequency identification device conformance test methods - Part 7: Test methods for active air interface communications at 433 MHz

Contents		Page
Foreword		iv
Introduction		v
1	Scope	1
2	Normative references	1
3	Terms, definitions and abbreviated terms	2
3.1	Terms and definitions	2
3.2	Abbreviated terms	2
4.1	General	2
4.2	Default items applicable to the test methods	2
4.2.1	Test environment	2
4.2.2	Pre-conditioning	2
4.2.3	Default tolerance	2
4.2.4	Total measurement uncertainty	2
4.3	Test set-up and measurement equipment	2
4.3.1	General	2
4.3.2	Test set-up for interrogator testing	3
4.3.3	Test set-up for tag testing	4
4.3.4	Test equipment	4
4.4	Functional test - interrogator	5
4.4.1	Operating frequency accuracy	5
4.4.2	FSK modulation	5
4.4.3	Wakeup signal	6
4.4.4	Message preamble format and timing	7
4.4.5	Data coding and reference timing	8
4.4.6	Receiver bandwidth	9
4.5	Functional test - tag	9
4.5.1	Operating frequency accuracy	9
4.5.2	FSK modulation	10
4.5.3	Message preamble format and timing	10
4.5.4	Data coding and reference timing	12
4.5.5	Wakeup signal response	12
Bibliography		14