ISO/IEC TR 20017:2011-12 (E)

Information technology - Radio frequency identification for item management - Electromagnetic interference impact of ISO/IEC 18000 interrogator emitters on implantable pacemakers and implantable cardioverter defibrillators

Contents

Page

Foreword iv

Introduction v

1 Scope 1

2 Normative references 1

3 Terms and definitions 1

4 Abbreviated terms 2

5 The need for EMC between RFID and implanted medical devices 3

6 EMI studies 3
6.1 General 3
6.2 FDA/AAMI study 1 3
6.3 FDA/AAMI study 2 3
6.4 Report of Ministry of Internal Affairs and Communications of Japan 4
6.5 JAISA/Hokkaido-University study 5

7 Differences in results 5

8 Need for comprehensive test methodologies 7

Annex A (informative) JAISA/Hokkaido-University study 8

Bibliography 53