

# ISO/IEC 24770-61:2015-10 (E)

## Information technology - Real Time Locati ng System (RTLS) device performance test methods - Part 61: Low rate pulse repetition frequency Ultra Wide Band (UWB) air interface

---

<b>Contents</b>		<b>Page</b>
Foreword .....		iv
Introduction .....		v
<b>1</b>	<b>Scope .....</b>	<b>1</b>
<b>2</b>	<b>Normative references .....</b>	<b>1</b>
<b>3</b>	<b>Terms, definitions and abbreviated terms .....</b>	<b>1</b>
<b>3.1</b>	<b>Terms and definitions .....</b>	<b>1</b>
<b>3.2</b>	<b>Abbreviated terms .....</b>	<b>1</b>
<b>4</b>	<b>General .....</b>	<b>2</b>
<b>4.1</b>	<b>Performance requirements .....</b>	<b>2</b>
<b>4.1.1</b>	<b>Location accuracy .....</b>	<b>2</b>
<b>4.1.2</b>	<b>Tag capacity .....</b>	<b>2</b>
<b>4.1.3</b>	<b>Location latency .....</b>	<b>2</b>
<b>4.1.4</b>	<b>Tag orientation .....</b>	<b>2</b>
<b>4.1.5</b>	<b>System range and packet error rates .....</b>	<b>2</b>
<b>4.2</b>	<b>Default conditions applicable to the test methods .....</b>	<b>3</b>
<b>4.2.1</b>	<b>Test environment .....</b>	<b>3</b>
<b>4.2.2</b>	<b>Default tolerance .....</b>	<b>3</b>
<b>4.2.3</b>	<b>System Logging .....</b>	<b>3</b>
<b>5.1</b>	<b>System locate performance .....</b>	<b>3</b>
<b>5.1.1</b>	<b>Test objective .....</b>	<b>3</b>
<b>5.1.2</b>	<b>Test set up .....</b>	<b>3</b>
<b>5.1.3</b>	<b>Test procedure .....</b>	<b>4</b>
<b>5.1.4</b>	<b>Test measurements and requirements .....</b>	<b>4</b>
<b>5.1.5</b>	<b>Test report .....</b>	<b>6</b>
<b>5.2</b>	<b>Tests for mandatory UWB tag to reader air interface .....</b>	<b>6</b>
<b>5.2.1</b>	<b>Test objective .....</b>	<b>6</b>
<b>5.2.2</b>	<b>Test set up .....</b>	<b>6</b>
<b>5.2.3</b>	<b>Test procedure .....</b>	<b>6</b>
<b>5.2.4</b>	<b>Test measurements and requirements .....</b>	<b>6</b>
<b>5.2.5</b>	<b>Test report .....</b>	<b>7</b>