

# **EXHIBIT 12**

## **OPERATIONAL DESCRIPTION**

**APPLICANT NAME:**

Intermec Technologies Corporation  
Amtech Systems Division

**FCC ID:**

FIH261105293-02

## Exhibit 12: Operational Description

Model: IT2611-002

FCC ID: FIH261105293-02

Description: The basic operation of the RF module acts as the RF/Wire link between a remotely-mounted tag and reader card. The RF link of the module transmits digital encoded data to a remotely mounted transponder (Downlink) and then transmits continuous wave energy (Uplink) so the remotely-mounted transponder can backscatter digital encoded data back to the RF Module receiver. The received data is demodulated, amplified and converted to a digital signal that is sent to (via a wire link) a remotely-mounted reader card for further processing. The difference in the IT2611-002 module is the depth of modulation change (deeper than the IT2611-001).