



9229 Waterford Centre Blvd. ♦ Suite 500 ♦ Austin, TX 78758
sales@rfcode.com Tel: 512.439.2200
www.rfcode.com Fax: 512.439.2199

Applicability Attestation Letter

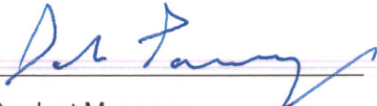
Date: June 3, 2014

MET Laboratories, Inc.
914 West Patapsco Avenue
Baltimore, MD 21230

Subject: **Model A762 FCC ID P6F4LTX Applicability of 15.231(a)**

This device is essentially a hygiene security system for a hospital where staff hygiene is a patient safety concern. The key points for deciding applicability of 15.231(a) are discussed below.

Criteria for 15.231(a)	Justification
The transmitter must be used to transmit a simple control signal, like an alarm system, a door opener, or a remote switch. Data may be sent together with the control signal.	Like an alarm system, the EUT sends an alert of a hand washing event, linked to the active RFID tag worn by the individual triggering the event.
If the transmitter is operated manually, an automatic switch must cease the transmission within five seconds after releasing.	A hand washing event, triggered by dispensing of soap, is reported as per the attestation letter; a group of 27 microsecond bursts ending in 88 milliseconds. Once a link to a tag is established the communication ends one second later; transmission of up to a maximum of two seconds can occur.
If the transmission is started automatically, it must not last longer than five seconds.	Each transmission is composed of very short bursts, each at 27 microseconds in length, ending in 88 milliseconds.
Continuous transmissions, voice, video and radio control of toys are not allowed.	The EUT, by design for battery life, must keep the transmissions short, so the transmission contains the tag ID and essential status data. It is not capable of sending video or audio.
Periodic transmissions at regular predetermined intervals are not allowed. The only exception is integrity testing in security or safety applications. In these cases, the total duration of transmissions for each transmitter must not exceed two seconds per hour.	As a safety of hygiene application, it is justified to insure the integrity of the hand wash stations by having the device periodically beacon a short status message once every 10 seconds. 40 pulses x 27 microseconds x 360 messages per hour = 0.389 seconds per hour = total duration of transmissions.

By: 
Product Manager

Dale Parvey

On behalf of: RF Code, Inc.

Telephone: 512.439.2240



9229 Waterford Centre Blvd. ♦ Suite 500 ♦ Austin, TX 78758
sales@rfcode.com Tel: 512.439.2200
www.rfcode.com Fax: 512.439.2199

Transmission Attestation Letter

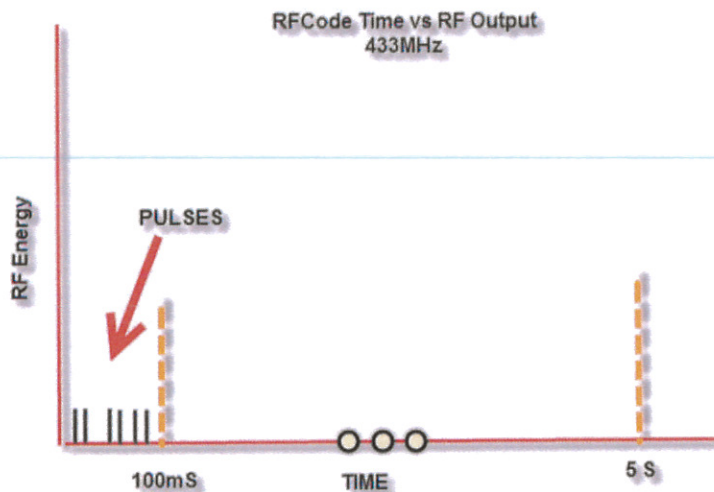
Date: June 3, 2014

MET Laboratories, Inc.
914 West Patapsco Avenue
Baltimore, MD 21230

Subject: **Model A762 FCC ID P6F4LTX**

To Whom It May Concern:

The device under review for FCC ID P6F4LTX includes a radio frequency identification (RFID) tag having a permanent internal fixed antenna that operates at 433.92 MHz. The tag has a microprocessor (with a 32.768 kHz resonator clock) that activates a SAW oscillator and loop-antenna output. The RF transmission consists of 40 pulses having duration of at most 27 microseconds sparsely populating a 88 millisecond period, resulting in an extremely low average power and transmission on time. Under all operating conditions, the transmission format is unchanged and always ceases within 5 seconds of activation in accordance with 15.231(a)(2).



By:

Dale Parvey
Product Manager

Dale Parvey

On behalf of: RF Code, Inc.

Telephone: 512.439.2240