

Operational Description

The EUT is a handheld 433.9 MHz transmitter. The transmitter is used to control a motorized device for pushing or pulling wheeled loads. Example: shopping carts. The receiver is installed in this device.

Up to 6 commands can be sent from the transmitter to the receiver controlling the device. They are: Stop, Forward Slow, Forward Fast, Reverse Slow, Reverse Fast, and Accessory (Horn). These are activated only when the respective push button is held down. If no button is held down the device reverts to stop.

The antenna is permanently installed as a trace on the RF circuit board. It is not readily accessible to the end user.

Details for compliance

- a. The intentional radiator is manually operated via switches and under software control, will only begin transmission after a switch is pressed, and will deactivate the transmitter within 500 milliseconds of switch release.
- b. The intentional radiator is of the "remote switch" category transmitting only a control signal.
- c. There is no continuous transmission of voice, video, or data.
- d. A recognition code is transmitted.
- e. The intentional radiator is manually operated via switches and under software control, will only begin transmission after a switch is pressed, and will deactivate the transmitter within 500 milliseconds of switch release.
- f. The transmitter is NOT activated automatically.
- g. No "polling" or "supervision transmissions" are performed.
- h. The transmitter is NOT employed during emergencies.