

INTERTEK TESTING SERVICES

EXHIBIT 1

GENERAL DESCRIPTION

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1.0 General Description

1.1 Product Description

The equipment under test (EUT) is a superregenerative receiver portion of toy's walkie talkie operating at 49.86 MHz. The EUT is powered by a 9V battery. It consists of a Push-To-Talk button, signal code key and volume control ON/OFF button. The Push-To-Talk button is used to select transmitting and receiving mode. The signal code key is used to control morse code. The volume control ON/OFF button is used to adjust sound volume and also is used to switch ON/OFF the unit.

The brief circuit description is listed in the following.

- Q₁ and associated circuit act as a superregenerative detector.
- Q₂ - Q₄ and associated circuit act as an audio amplifier.

1.2 Related Submittal(s) Grants

This is an application for Certification of a receiver. The FCC ID for the transmitter associated with this receiver is LOH541634

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The brief circuit description is attached in the following pages.

- Q_1 and associated circuit act as an oscillator.
- Q_2 - Q_4 and associated circuit act as an audio amplifier and a modulator.

1.2 Related Submittal(s) Grants

This is a single application for certification of a transmitter. The FCC ID of the receiver associated with this transmitter is LOH541634.