

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 transmitter portion of a RF wireless headphone system. The EUT is powered by AC/DC adaptor and operated at 49.89 MHz. It is fed by the audio equipment through the audio input jack after being modulated, the audio signal is transmitted to the receiver. The transmission frequency is controlled by the crystal which frequency is 16.63 MHz. The following shows the technical description of the EUT.

- Q₂, Q₃, Q₄ and the associated circuit act as a RF transmitter.
- U₁ and the associated circuit act as a pre-amplifier.
- Q₅ and the associated circuit act as a power supply.

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 NZR-HCG1001RX and has been filed at the same time as this application.