

1.2. Operational Description

The EUT is a USB PUCK with a built-in 2.4GHz transceiver, It uses the latest 2.4GHz wireless audio solution which can provide high quality wide-band audio and robust wireless audio transmission. Total numbers of channels supported by this device are 37 channels operating from 2405 to 2477MHz with 2MHz channel spacing. The antenna type is Printed antenna and the modulation type is $\pi/4$ DQPSK (Differential Quadrature Phase Shift Keying).

This is a digital transmission system but not a FHSS since only one fixed channel is selected to transmit and receive data. This device uses the preset channel number to transmit and receives data and it will scan to select a fixed channel to transmit and receive data when no channel is preset.