

Technical Description

The Equipment Under Test is a Gaming Headset Dongle of 2.4GHz Wireless Headphone with Dongle and Docking (Cradle). The EUT operates at frequency range of 2402MHz to 2480MHz. The EUT is powered by USB port (5VDC).

2.4GHz portion

Antenna Type: Internal, Integral

Antenna Gain: 2dBi

Conducted peak power range: -5 dBm to +5 dBm

Conducted average power range: -15 dBm to 0 dBm

The main components are described below:

1. U1 (AB1565) is Microcontroller with 2.4GHz RF Transceiver
2. X1 (26MHz) crystal provide system clock for U1 (AB1565)