

Technical Description

The equipment under test (EUT) is a Candy Con USB Dongle with Bluetooth 5.2 EDR function operating in 2402-2480MHz. The EUT is powered by USB 5V.

Dongle is connected to the computer through a USB-A port, the computer power supply recognizes Dongle, and Dongle starts to work. After pressing the Controller Power button, the Controller establishes a wireless connection with Dongle. After the connection is successful, the controller transmits the status of the key and the joystick to Dongle, and Dongle transmits the status of the controller to the computer through USB.

For more detail information pls. refer to the user manual.

Bluetooth Channel List for BT5.2 EDR (single mode)

2402	2403	2404	2405	2406	2407	2408	2409	2410
2411	2412	2413	2414	2415	2416	2417	2418	2419
2420	2421	2422	2423	2424	2425	2426	2427	2428
2429	2430	2431	2432	2433	2434	2435	2436	2437
2438	2439	2440	2441	2442	2443	2444	2445	2446
2447	2448	2449	2450	2451	2452	2453	2454	2455
2456	2457	2458	2459	2460	2461	2462	2463	2464
2465	2466	2467	2468	2469	2470	2471	2472	2473
2474	2475	2476	2477	2478	2479	2480		

Bluetooth Version: BT5.2 EDR (single mode)

Modulation Type: GFSK

Antenna Type: Integrate antenna

Antenna Gain: 0dBi

Normal operating temperature range: 25°C $\pm$ 5°C

Maximum operating temperature range: 40°C

The nominal conducted output power specified: -10 dBm ($\pm$ 3dB)

The nominal radiated output power (e.i.r.p) specified: -10 dBm ($\pm$ 3dB)

Main configuration as below:

1. The core of the product is U1 Bluetooth chip ZXD2075
2. Crystal frequency :26MHz

