

Work Principle

Applicant: Channel Enterprises(HK)Ltd.

FCC ID:WD31515

This Retractable Bluetooth Headset includes Antenna, power supply and RF module BC413159A11 and its processing circuits.

The antenna is made up of the PCB routing wire.

The power supply is supplied by a low battery. The battery supplies power to the Antenna and RF module BC413159A11.

RF module BC413159A11 is a single chip radio and baseband IC for Bluetooth 2.4GHz systems. BC413159A11 contains 6Mbit of embedded ROM. When used with the CSR Bluetooth software stack, it provides a fully compliant Bluetooth system to v2.0+EDR of the specification for data and voice communications.

BC413159A11 has been designed to reduce the number of external components required which ensures production costs are minimized. The device incorporates auto-calibration and built-in self test(BIST) routines to simplify development, type approval and production test. All hardware and device firmware is fully compliant with the Bluetooth v2.0+EDR specification(all mandatory and optional features).