

APPLICANT: Shenzhen PowerMagic Communication Co., Ltd.
FCC ID: XDH001

The theory of RFID-Card Reader PM-R200:

1. CPU: responsible for switch the power of the circuit and communication with outside interface, responses the message. Main frequency is 22.1184MHz.
2. Transmit module: responsible for communication with receive module (PM-T200), and receive the message. Main frequency is 26MHz.
3. Power circuit: To provide steady power to around circuit
4. LED display: Display current state of PM-R200.
5. The equipment used fixed antenna. The antenna gain is 33dBi.
(Note: According FCC 15.247 (c), we provided the maximum conducted output power of the intentional radiator is reduced by 1 dB for every 3 dB that the directional gain of the antenna exceeds 6 dBi.)