

## OPERATIONAL DESCRIPTION

A wireless charging system consists of a pair of transmitters and receivers. The wireless charging transmitter uses a power amplifier to transmit an alternating magnetic field through a TX inductive coil. The wireless power receiver then receives the alternating magnetic field energy through the RX inductive coil, which is highly coupled to the TX coil. In the transmitter side, the power amplifier inverts the DC power to an AC current through the TX coil to generate a magnetic field. The D9015 transmitter controller will support up to 15W of power transmission which is compliant with the WPC 1.2.4 standard and the work frequency is 110KHz-205KHz.

Product Name:	Magnetic wireless charger
Hardware Version:	V1.0
Software Version:	V1.0
Operation Frequency:	110KHz~205KHz
QI Version:	V1.2.4
Modulation Technique:	ASK
Modulation Type:	ASK
Antenna Frequency	110KHz~205KHz
Power Supply:	Input: 12V/1.5A, 9V/2A, 5V/3A

1. The device is a wireless charge
2. The chip D9015 acts as wireless charging system, Operation Frequency is 110KHz~205KHz
3. For more information, please refer to the user manual.