

Technical Description

Wireless charger

Manufacturer: ASAP Technology (Jiangxi) Co., Ltd

Model: 080-08-3220

The equipment under test (EUT) is a Wireless charger. The wireless charging frequency is 115-205 kHz. The EUT is powered by 5V 3A, 9V 2A, 12V 1.5A from adapter, Output: 10W, by wireless charger. For more detailed features description, please refer to the user's manual.

Technical notes:

1. This wireless charger power transfer frequency is 115 - 205KHz;
2. The maximum output power of the coils is 10 Watts;
3. The transfer system allow wireless power transfer to take place between coupling zone and a single client device;
4. The Charger belongs to the mobile device and subjects to mobile exposure conditions only;
5. The transfer system includes only single primary coils;
6. The maximum coupling surface area of the WPT source is 13.85 cm²;
7. Client device is placed directly in contact with the transmitter.

The function of main IC is mentioned as below.

1. The chip U2 (CV90355) acts as MCU, wireless controller.
2. The chip Q1, Q2 (AET3125BP) as demodulator.
3. The chip U1 (FM1230) as encryption protocol IC.

Not finished, see next page.

Antenna dimensions and photos are as follows:

