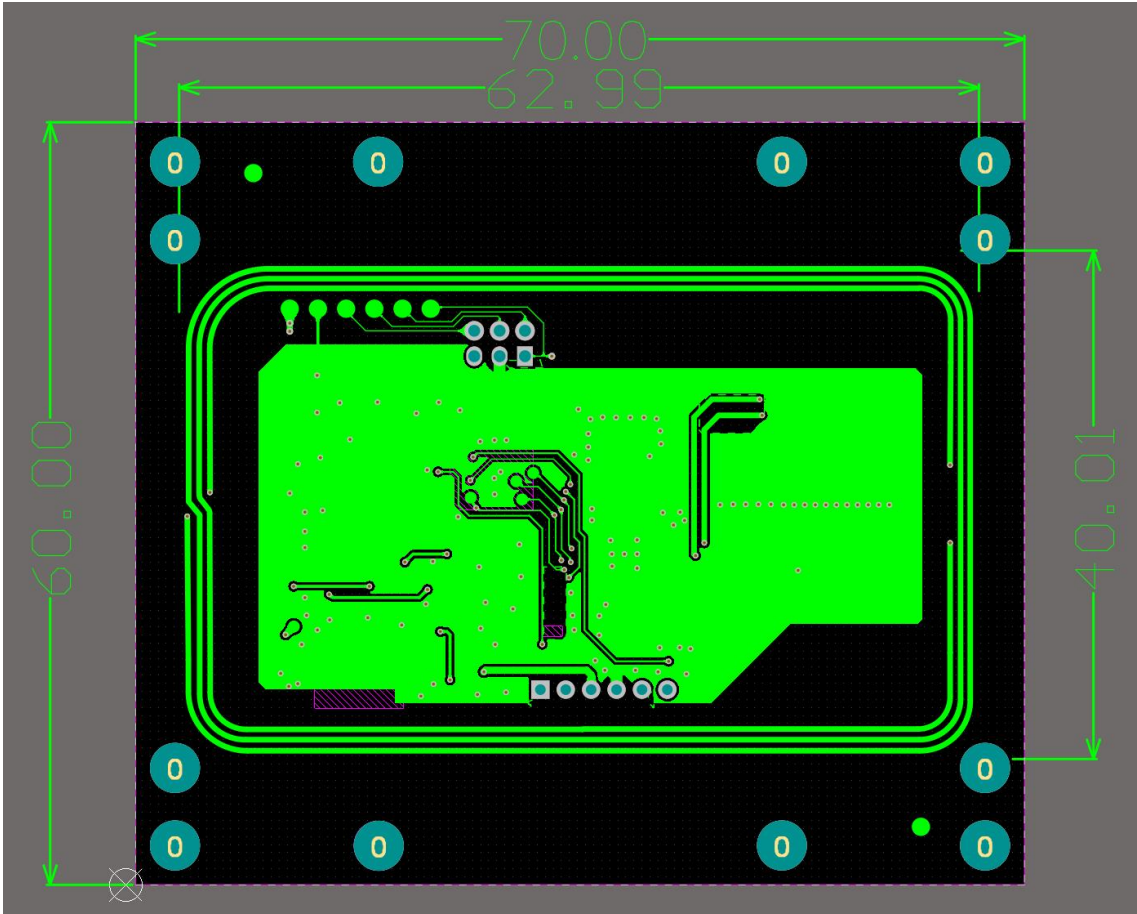


# Antenna describe

|                      |                                                                                                |
|----------------------|------------------------------------------------------------------------------------------------|
| Antenna plate        | PCB antenna                                                                                    |
| Model Name           | 13.56MHz NFC ANT                                                                               |
| MAX. Gain            | 3dBi                                                                                           |
| Polarization         | Vertical                                                                                       |
| Azimuth Beam Pattern | Omni-directional                                                                               |
| Impedance            | 50 Ohm                                                                                         |
| Antenna Length       | 40*63mm                                                                                        |
| Manufacturer         | Wuping Hongxiang circuit technology Co., LTD                                                   |
| Address              | No. 18-2 East Road, High-tech Park, Yanqian Town, Wuping County, Longyan City, Fujian Province |

Antenna Photo & Length (mm)



|                    | ZX plane          |                 | ZY plane          |                 | XY plane          |                 |
|--------------------|-------------------|-----------------|-------------------|-----------------|-------------------|-----------------|
| Frequency<br>[MHz] | Max Value<br>[dB] | Average<br>[dB] | Max Value<br>[dB] | Average<br>[dB] | Max Value<br>[dB] | Average<br>[dB] |
| 13.56              | 0.85              | -4.5            | 1.7               | -0.5            | 0.09              | -3.01           |

