

PCB Parameters

- Length = 16.26mm
- Width = 9.14mm
- Number of Turns = 10

Electrical Parameters

- Inductance = 2.2 μ H
- Resistance = 4.8 Ω
- Quality Factor = 39.03

RF Parameters

- Operating Frequency = 13.56MHz
- Antenna Transmitted Power = -60.4 dBm/m⁽¹⁾
- Antenna Gain = -70.65dBi⁽²⁾
- Electric Field Strength = 58.2 dB μ V/m⁽¹⁾ measured at 3m

1. Thing Magic M1-Mini module driven RF power received by Spectrum Analyzer at 1m distance.
2. In reference to short dipole antenna gain D = 1.76dB.
3. All RF test measurements completed at 1m distance from AUT.