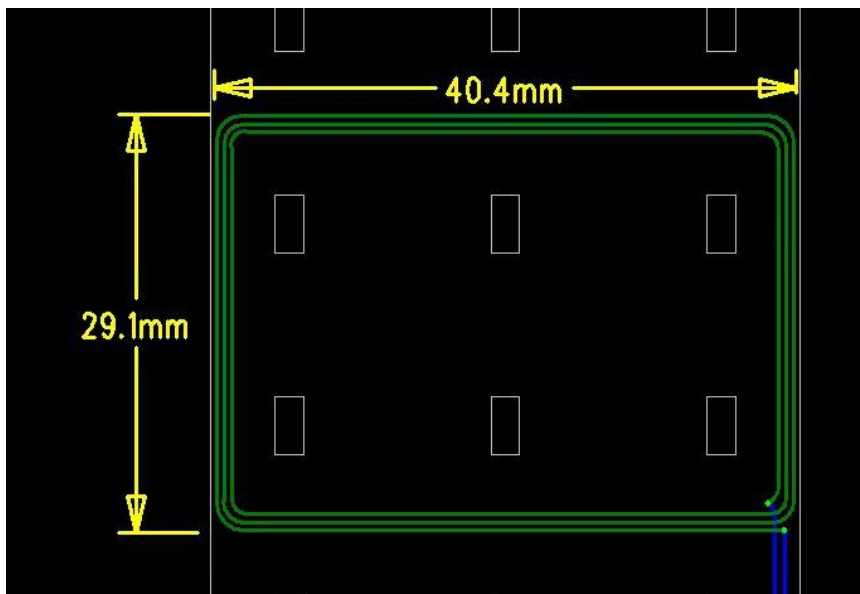


1.Electrical Characteristics

Client	Zhejiang Meare Smart Tech Co., Ltd
address	No. 4 Factory-1, No. 18, Rifa Road, Qixing Street, Xinchang County, Zhejiang Province
Item	Specification
Model number	AIM-MC01
Type	PCB Antenna
Frequency Range	13.56 MHz
Gain	0dBi(Max)
Polarization	Linear
VSWR	2 max.
Azimuth Bandwidth	Omni-directional
Impedance	50Ω
Rated Power (max.)	-3dBm
Maximum Input Power	0dBm
Operation Temperature	-40 C ~ +85 C

2. Antenna Size



3. The Measurement of S-Parameter and VSWR

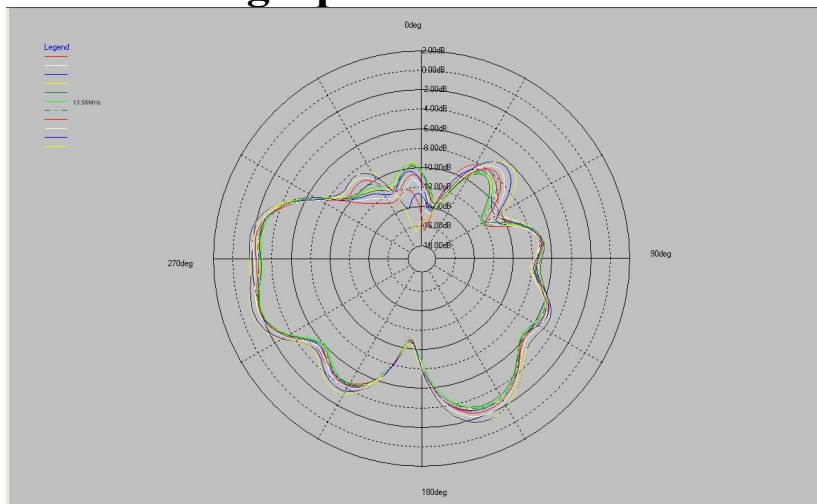
Frequency(MHz)	S11(dB)
13.56	-10.24

The reference:

Return Loss	-6.02dB	-7.36dB	-10dB	-13dB	-20dB
VSWR	3	2.5	1.92	1.576	1.22
Return Power Ratio	25%	18.37%	10%	5%	0.98%

Frequency(MHz)	VSWR	Gain
13.56	1.88	0.00

Directional graph



PHI 180 degrees

13.56MHz

3D radiation pattern diagram

