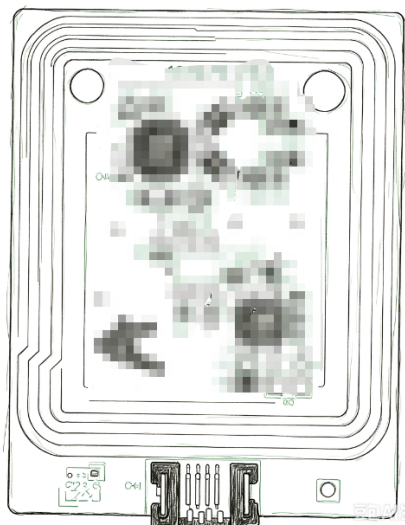


Antenna specifications

1. Specification

Manufacturer	KESENS Power Technology (JIAXING) CO., LTD
Address	No. 199 Tainshu road, Nanhu district, Jiaxing, Zhejiang province, China
Product Name	PEPS
Antenna type	PCB antenna
Center Frequency	13.56MHz
MAX. GAIN	1.0dBi
Polarization	Linear, Vertical
Azimuth Beam Pattern	Omni-directional
Impedance	50 Ω

2.Size

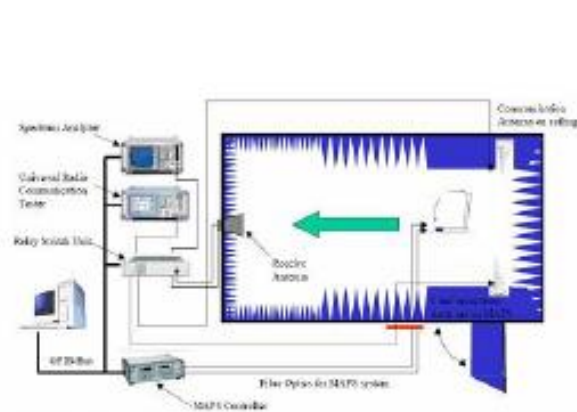


Antenna width: 0.8mm Antenna length: 65cm

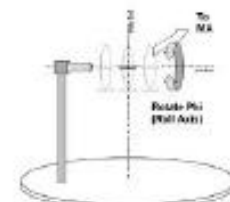
3. Testing Equipment & Conditions

Network Analyzers: Agilent 8753D 5071B

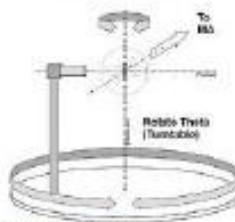
Communications Test Set: Agilent E5515C CMW500



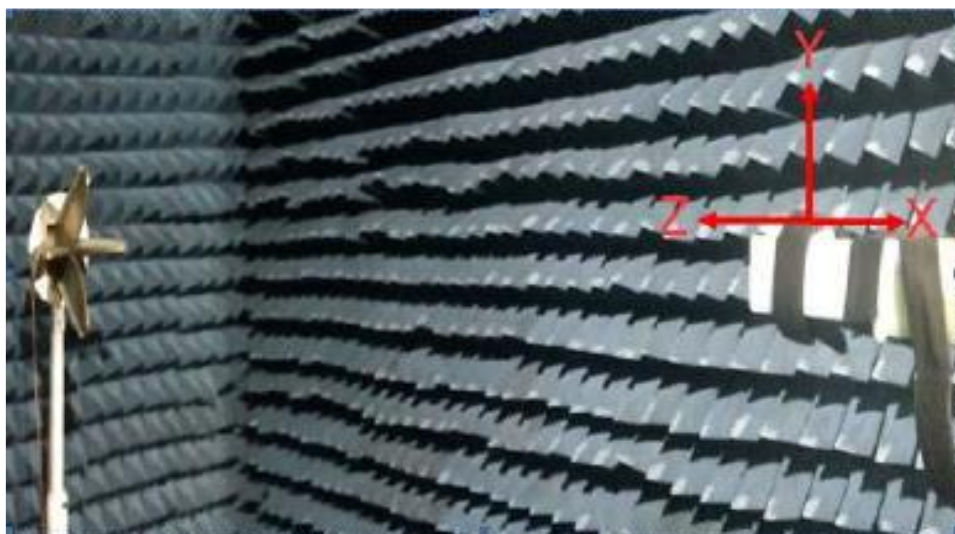
(Testing by 3D anechoic chamber)



Phi axis test



Theta axis test



4. Antenna Characteristics

3D radiation pattern diagram

