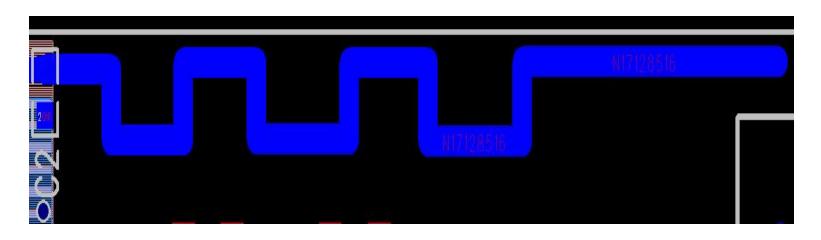
## Antenna data sheet

### **Specifications Summary**

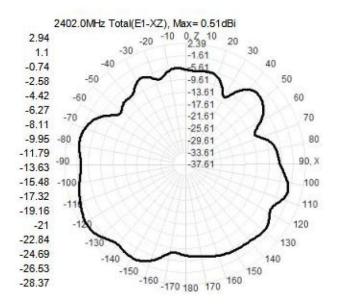
ITEM	SI	SPEC. ISM 2.4 GHz	
Model Name	ISM 2		
Center Frequency	2. 402GHz 2. 440GHz 2. 480GHz	2.94 dBi 2.76 dBi 2.73 dBi	
MAX. GAIN	2.9	2.94 <b>dBi</b>	
Polarization	Horizontal		
Azimuth Beam Pattern	Omni-	Omni- directional	
Impedance	5	50 Ω	
Antenna Length	41	41 mm	

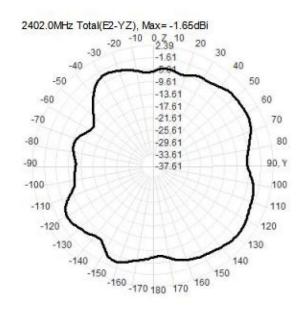
#### **Antenna Photo & Length**

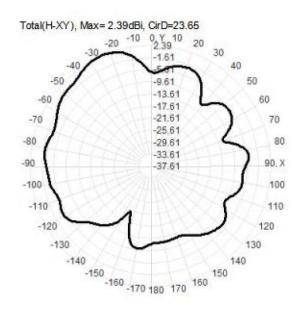


Manufacturer:ZHUHAI JIELI TECHNOLOGY CO.,LTD Add:No. 333 Kexing Road, Xiangzhou District, Zhuhai City

# Radiation pattern: Antenna 1 . XZ Plane at f = 2 .402GHz







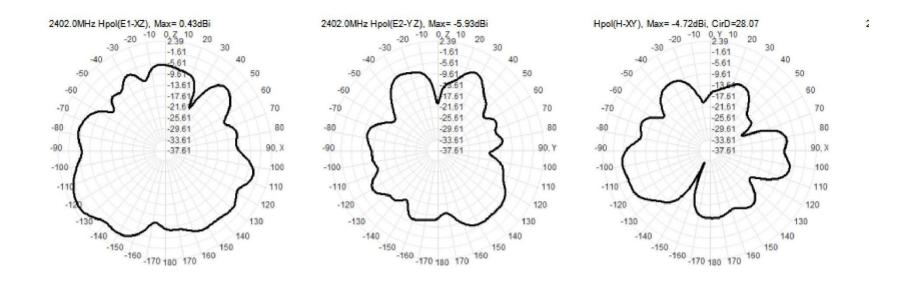
Co-cross polarization field (dBi)

Solid line: vertical polarization

Dash line: horizontal polarization

Total field (dBi)

## Radiation pattern: Antenna 1 . XZ Plane at f = 2 .402GHz



Co-cross polarization field (dBi)

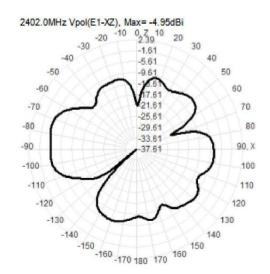
Solid line: vertical polarization

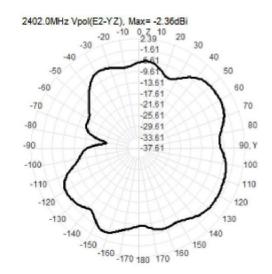
Dash line: horizontal polarization

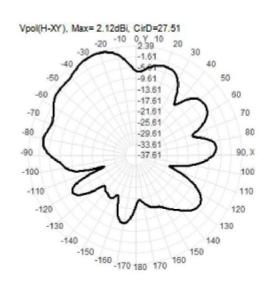
Total field (dBi)

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Radiation pattern: Antenna 1 . XZ Plane at f = 2 .402GHz







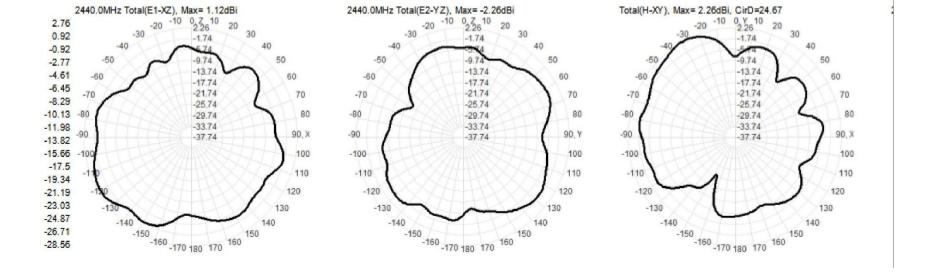
Total field (dBi)

Solid line: vertical polarization

Dash line: horizontal polarization

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Radiation pattern: Antenna 1 . XZ Plane at f = 2 .440GHz



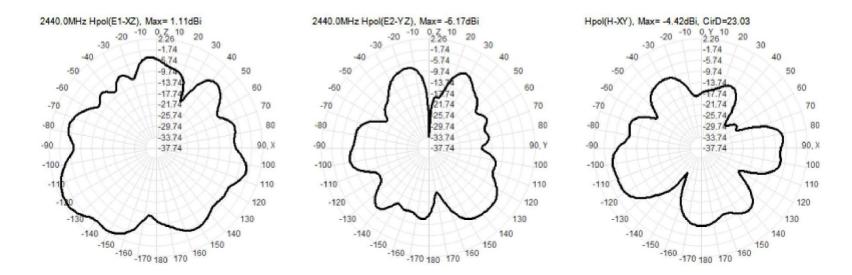
Solid line: vertical polarization

Dash line: horizontal polarization

Total field (dBi)

#### UCI CENTER FOR RF DESIGN AND CHARACTERIZATION

Radiation pattern: Antenna 1 . XZ Plane at f = 2 .440GHz



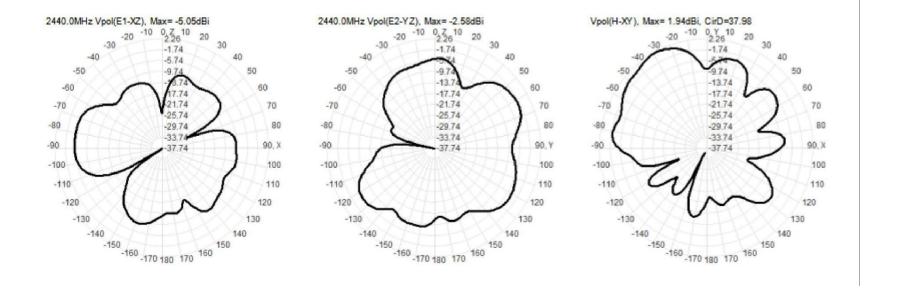
Solid line: vertical polarization

Dash line: horizontal polarization

Total field (dBi)

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Radiation pattern: Antenna 1 . XZ Plane at f = 2 .440GHz



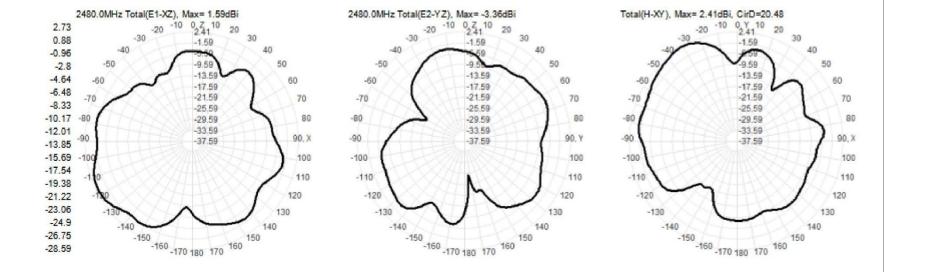
Total field (dBi)

Solid line: vertical polarization

Dash line: horizontal polarization

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Radiation pattern: Antenna 1 . XZ Plane at f = 2 .480GHz



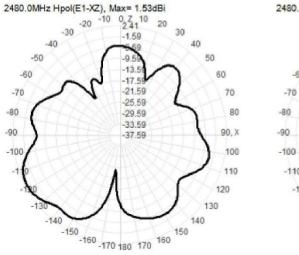
Total field (dBi)

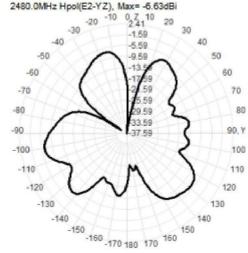
Solid line: vertical polarization

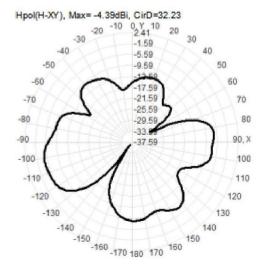
Dash line: horizontal polarization

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Radiation pattern: Antenna 1 . XZ Plane at f = 2 .480GHz







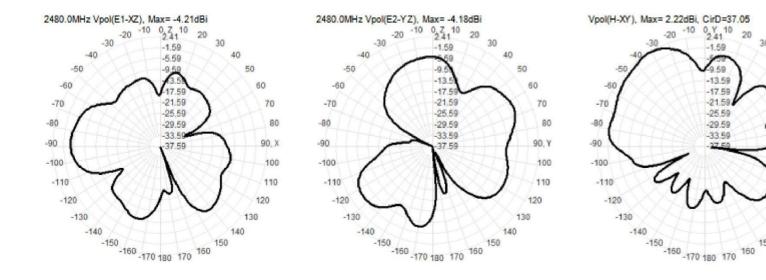
Solid line: vertical polarization

Dash line: horizontal polarization

Total field (dBi)

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Radiation pattern: Antenna 1 . XZ Plane at f = 2 .480GHz



Solid line: vertical polarization

Dash line: horizontal polarization

Total field (dBi)

80

90. X

100

110

120

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