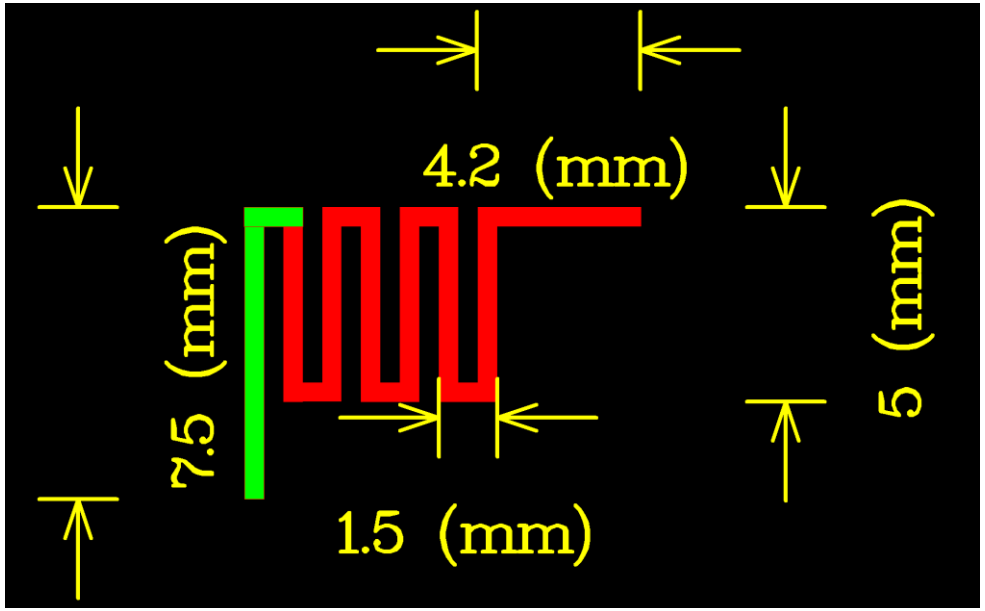
Dongguan Shunchao technology Co., LTD
Room 501, Building 2, No. 54, Puxin Xikeng Road, Shipai Town,
Dongguan City, Guangdong Province, China

Antenna Specification

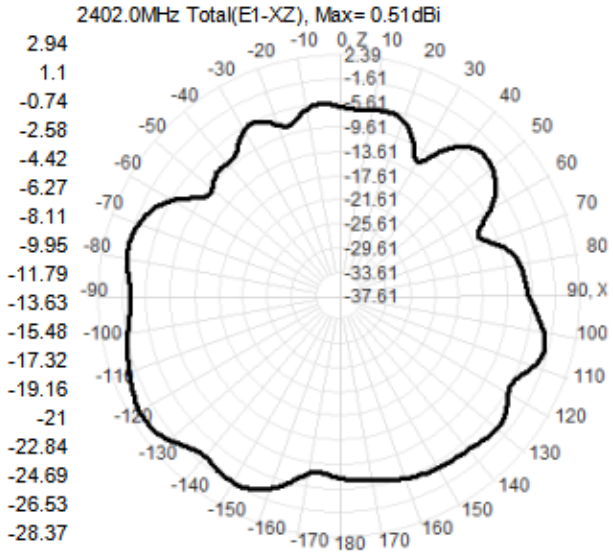
Specifications Summary

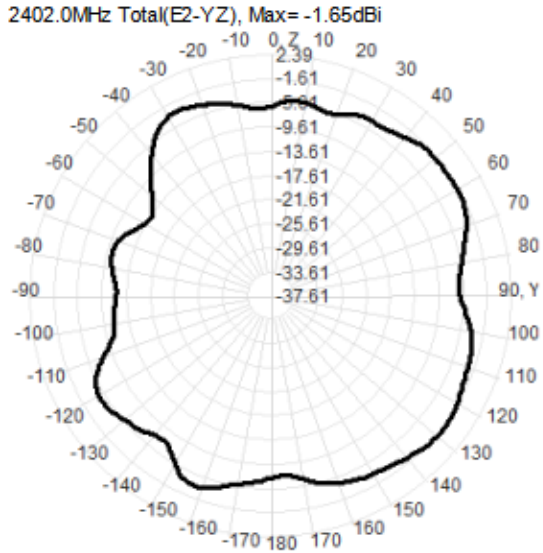
ITEM	SPEC.	
Model Name	ISM 2.4 GHz	
Center Frequency	2.402GHz 2.440GHz 2.480GHz	2.94 dBi 2.76 dBi 2.73 dBi
MAX. GAIN	2.94 dBi	
Polarization	Horizontal	
Azimuth Beam Pattern	Omni- directional	
Impedance	50 Ω	
Antenna Length	41 mm	

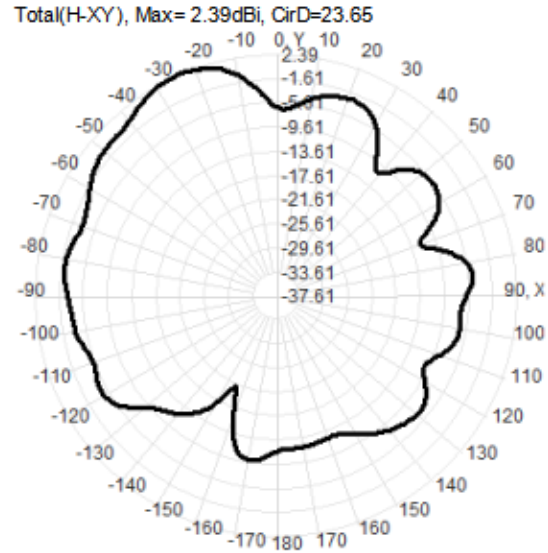
Antenna Photo & Length



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







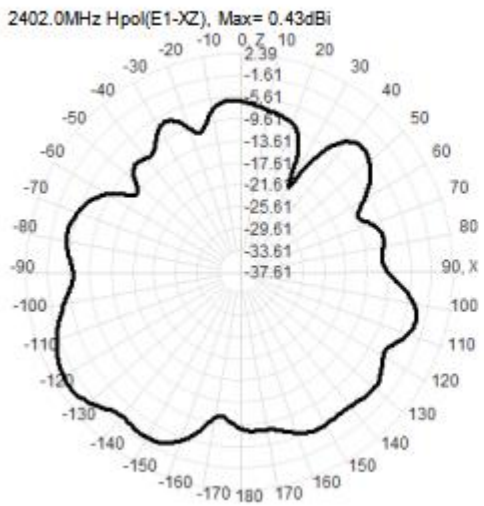
Co-cross polarization field (dBi)

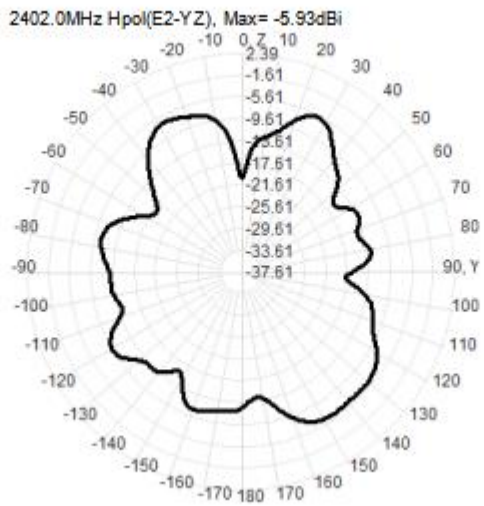
Total field (dBi)

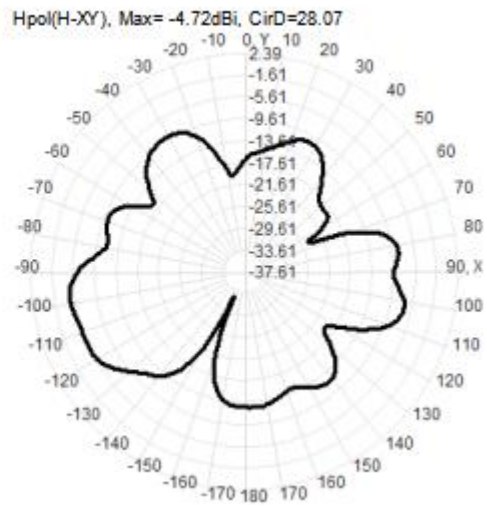
Solid line: vertical polarization

Dash line: horizontal polarization

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







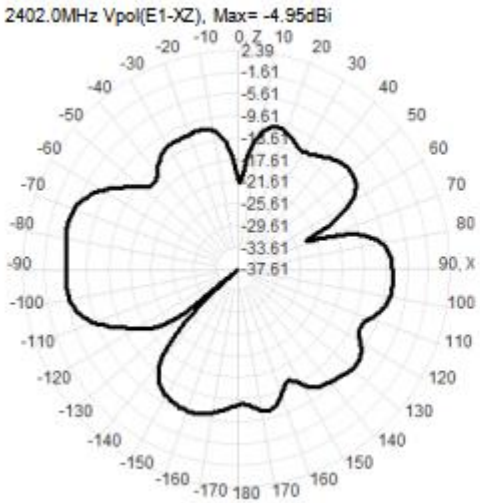
Co-cross polarization field (dBi)

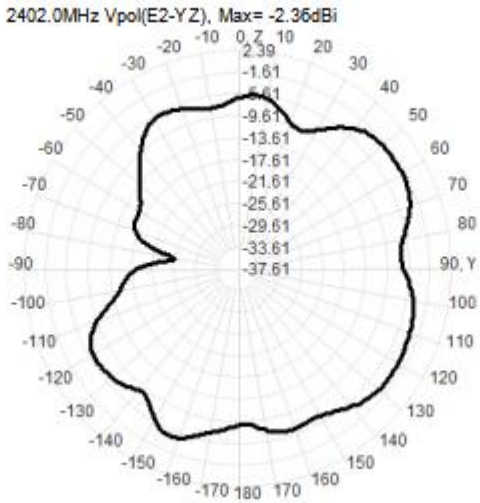
Total field (dBi)

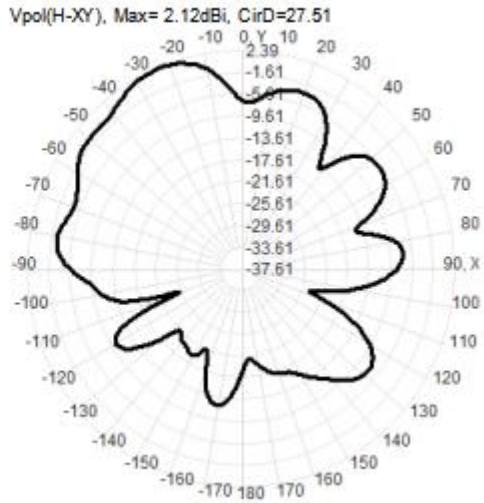
Solid line: vertical polarization

Dash line: horizontal polarization

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







Co-cross polarization field (dBi)

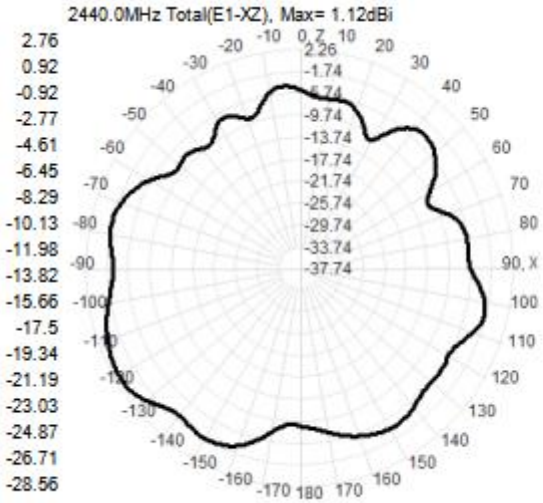
Total field (dBi)

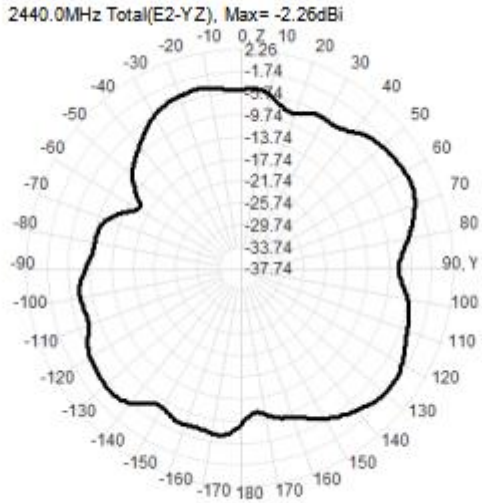
Solid line: vertical polarization

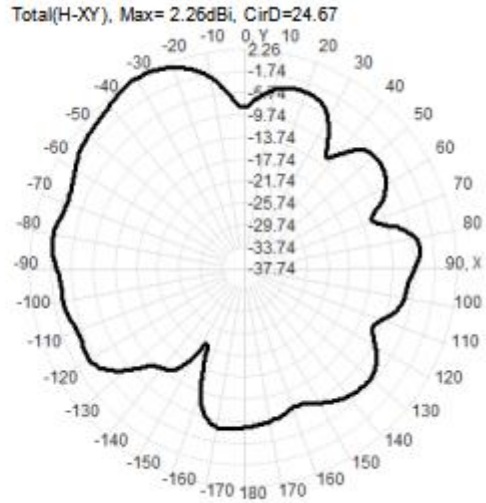
Dash line: horizontal polarization

UCI CENTER FOR RF DESIGN AND CHARACTERIZATION

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







Co-cross polarization field (dBi)

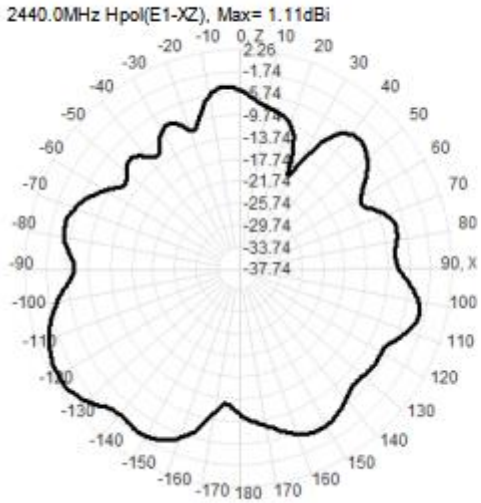
Total field (dBi)

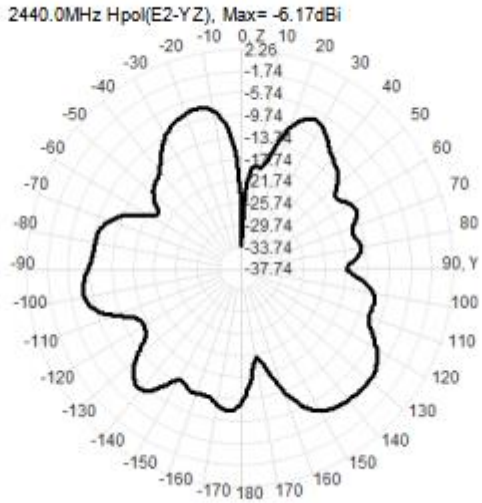
Solid line: vertical polarization

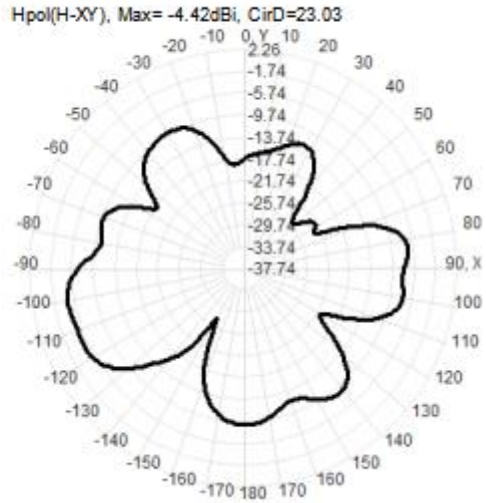
Dash line: horizontal polarization

UCI CENTER FOR RF DESIGN AND CHARACTERIZATION

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







Co-cross polarization field (dBi)

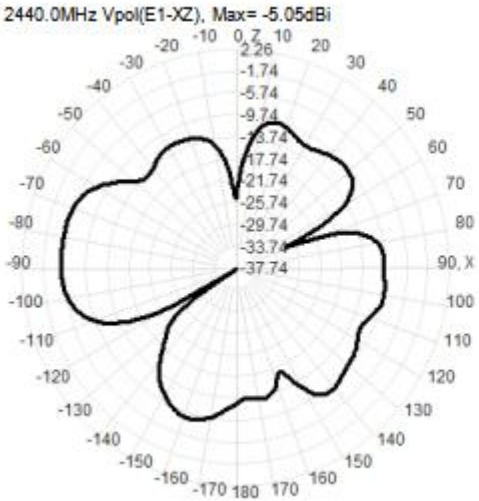
Total field (dBi)

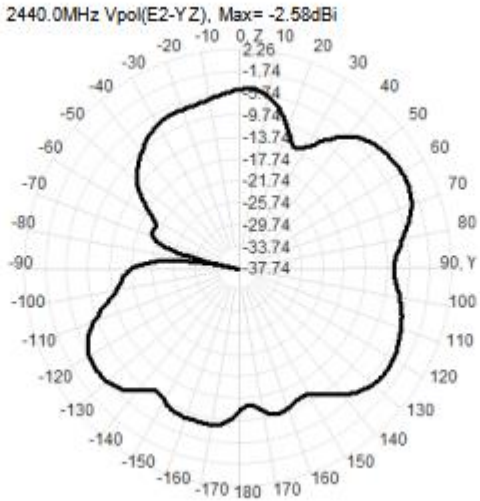
Solid line: vertical polarization

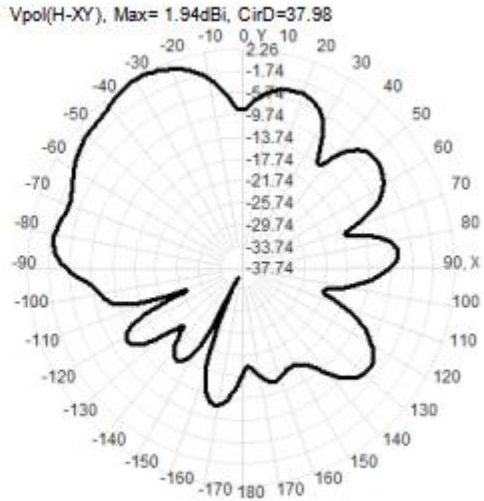
Dash line: horizontal polarization

UCI CENTER FOR RF DESIGN AND CHARACTERIZATION

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







Co-cross polarization field (dBi)

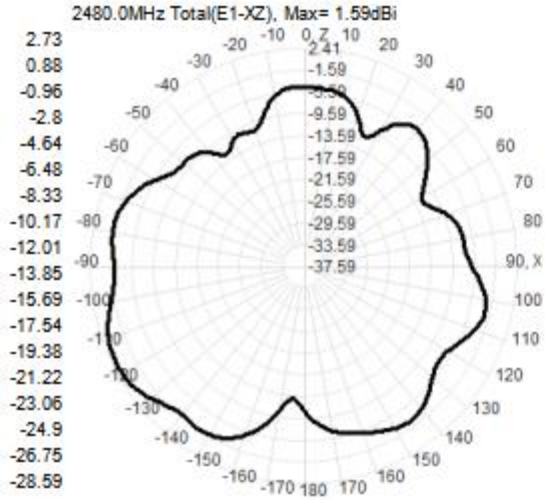
Total field (dBi)

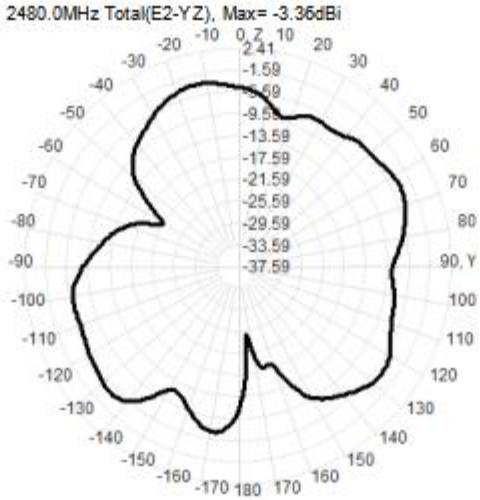
Solid line: vertical polarization

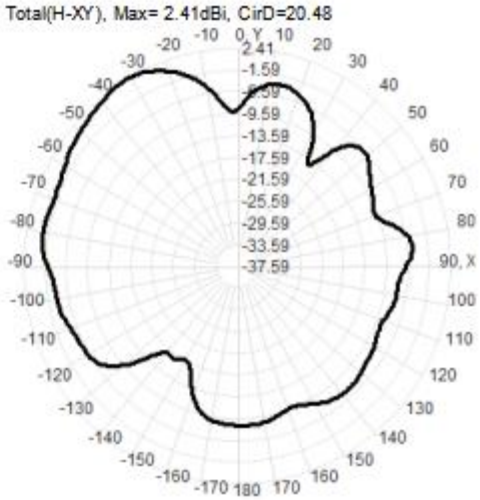
Dash line: horizontal polarization

UCI CENTER FOR RF DESIGN AND CHARACTERIZATION

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







Co-cross polarization field (dBi)

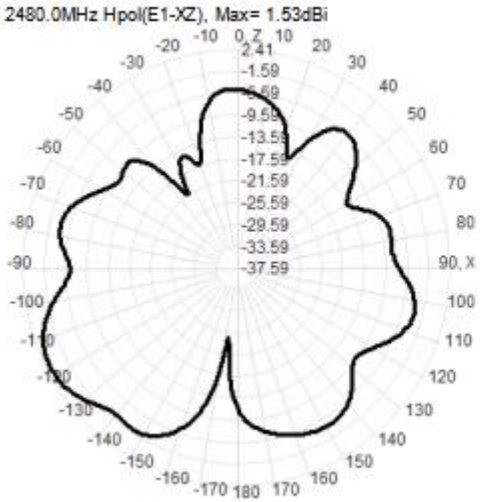
Total field (dBi)

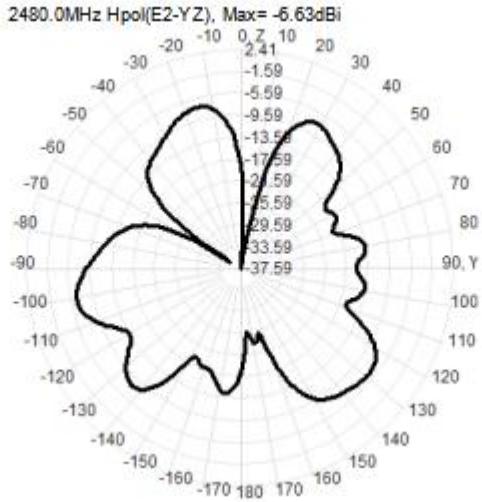
Solid line: vertical polarization

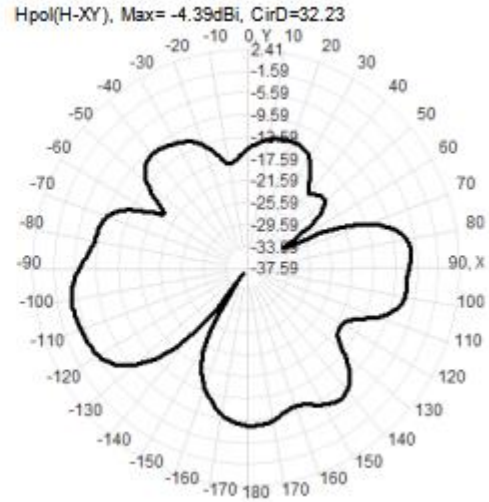
Dash line: horizontal polarization

UCI CENTER FOR RF DESIGN AND CHARACTERIZATION

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







Co-cross polarization field (dBi)

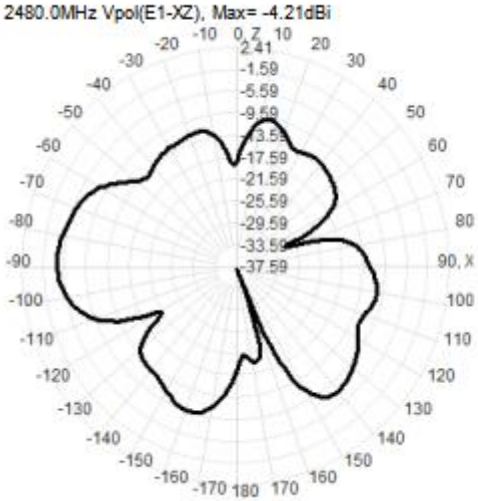
Total field (dBi)

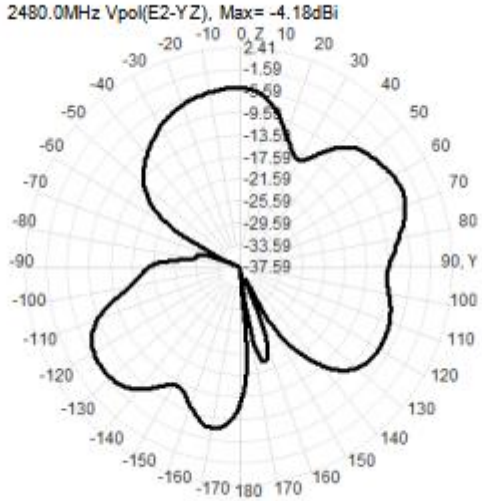
Solid line: vertical polarization

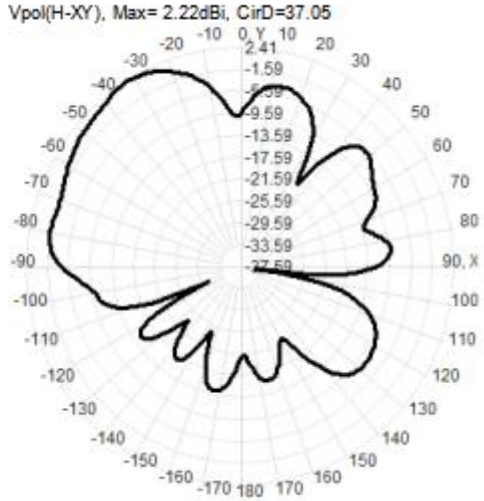
Dash line: horizontal polarization

UCI CENTER FOR RF DESIGN AND CHARACTERIZATION

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







Co-cross polarization field (dBi)

Total field (dBi)

Solid line: vertical polarization

Dash line: horizontal polarization