

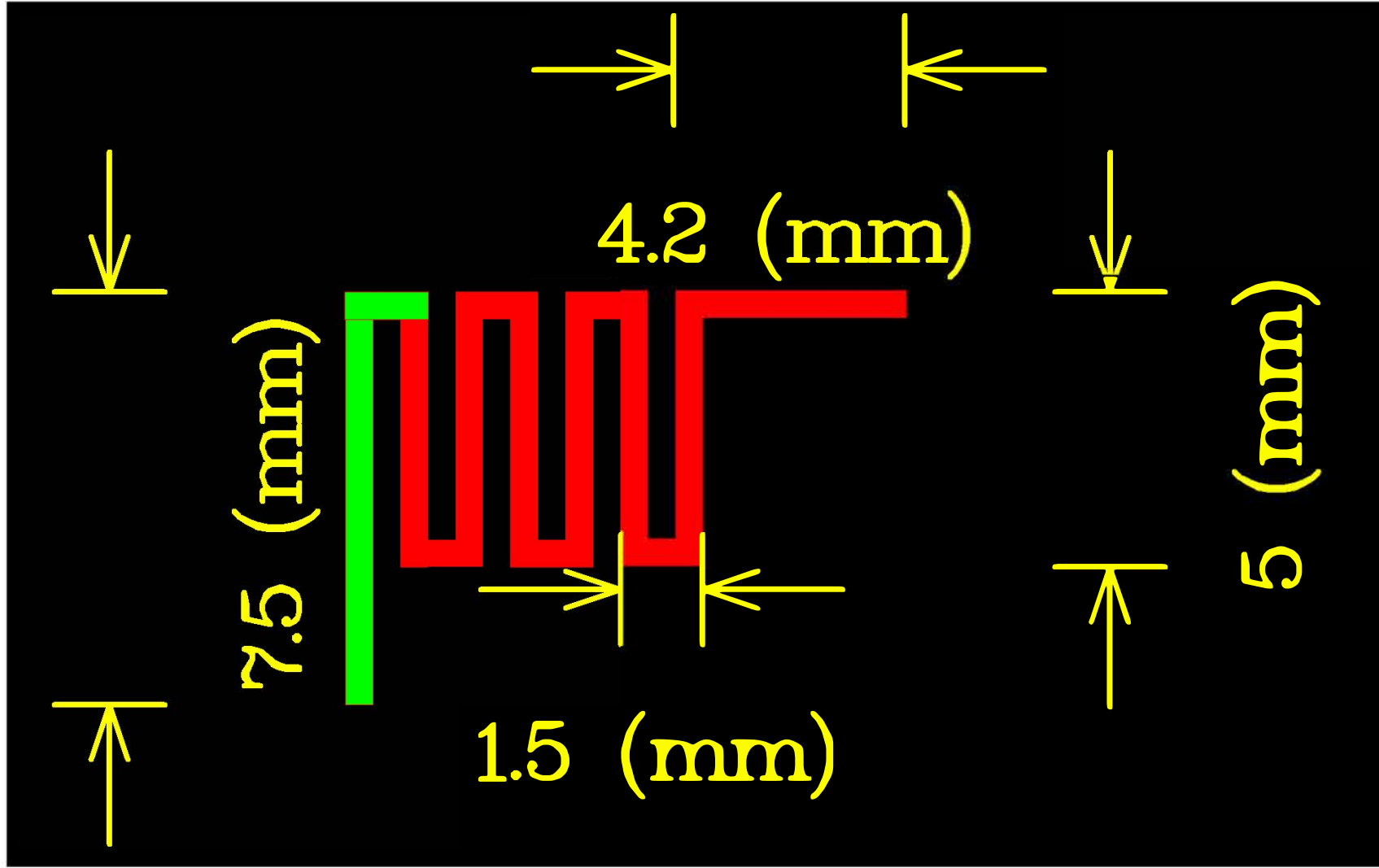
# Antenna Specification

## Specifications Summary

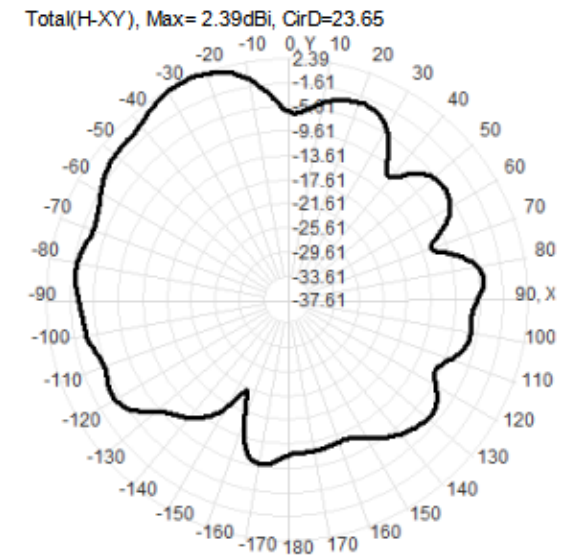
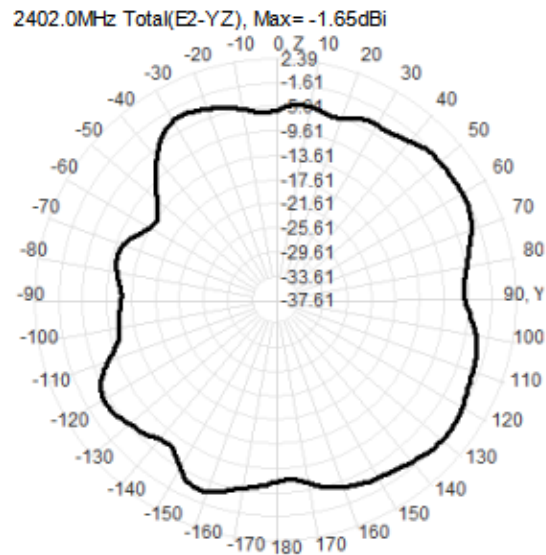
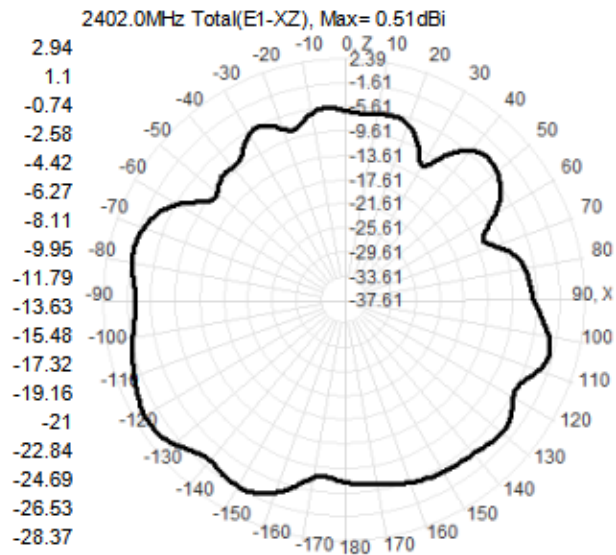
<b>ITEM</b>	<b>SPEC.</b>	
<b>Model Name</b>	<b>ISM 2.4 GHz</b>	
<b>Center Frequency</b>	2.402GHz	<b>2.39 dBi</b>
	2.440GHz	<b>2.26 dBi</b>
	2.480GHz	<b>2.41 dBi</b>
<b>MAX. GAIN</b>	<b>2.41 dBi</b>	
<b>Polarization</b>	<b>Horizontal</b>	
<b>Azimuth Beam Pattern</b>	<b>Omni-directional</b>	
<b>Impedance</b>	<b>50 <math>\Omega</math></b>	
<b>Antenna Length</b>	<b>41 mm</b>	
<b>Antenna Type</b>	<b>PCB Antenna</b>	

Manufacture: Shenzhen Ajazz Tongchuang Electronic Technology Co., Ltd.

Address: 2104-1, Block A, CIMC Low Orbit Satellite Internet of Things Industrial Park, Dongkeng Community, Fenghuang Street, Guangming District, Shenzhen



# Radiation pattern: Antenna . XY Plane at $f = 2.402\text{GHz}$



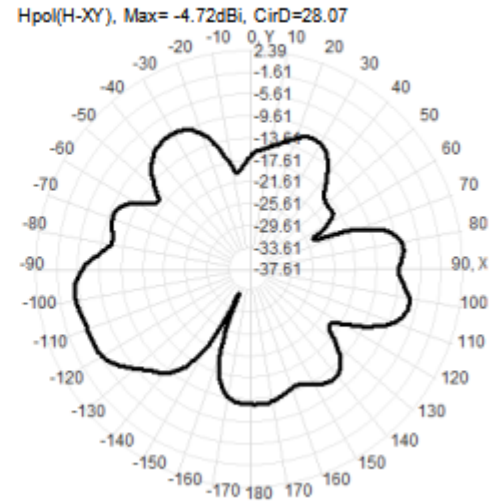
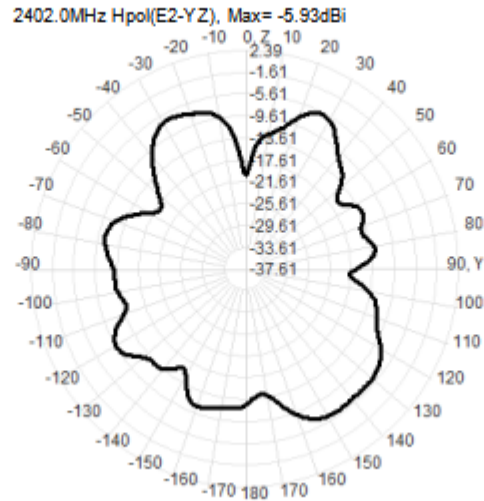
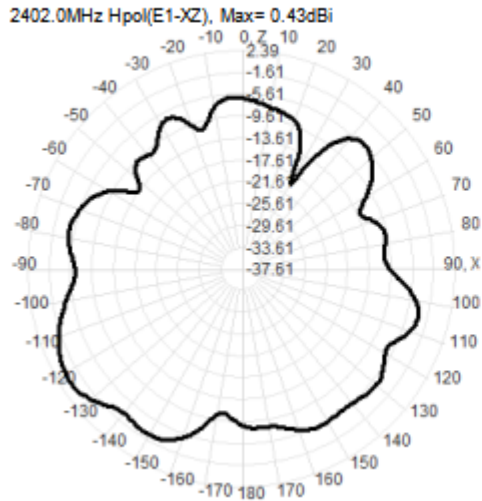
Co-cross polarization field (dBi)

Total field (dBi)

Solid line: vertical polarization

Dash line: horizontal polarization

# Radiation pattern: Antenna. XZ Plane at $f = 2.402\text{GHz}$



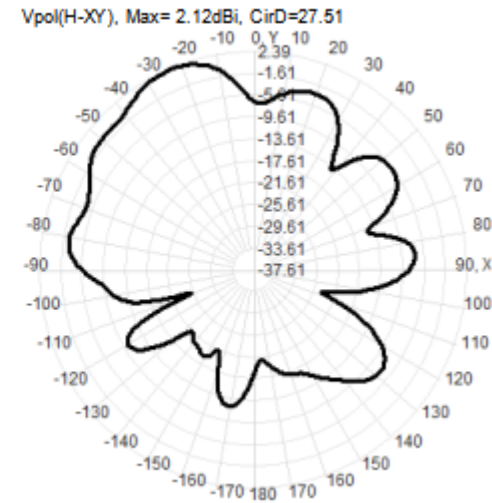
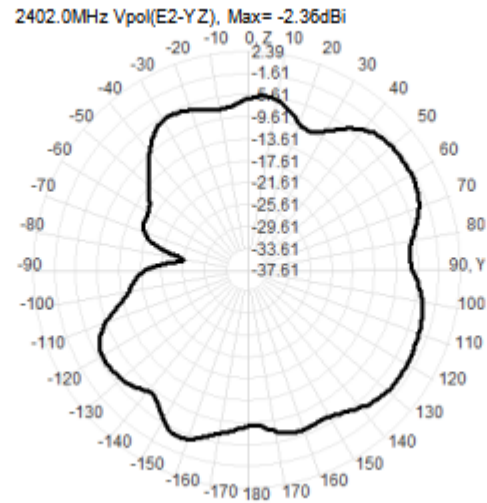
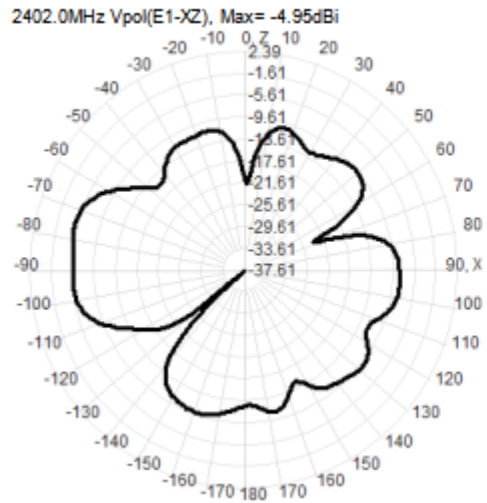
Co-cross polarization field (dBi)

Total field (dBi)

Solid line: vertical polarization

Dash line: horizontal polarization

# Radiation pattern: Antenna. YZ Plane at $f = 2.402\text{GHz}$



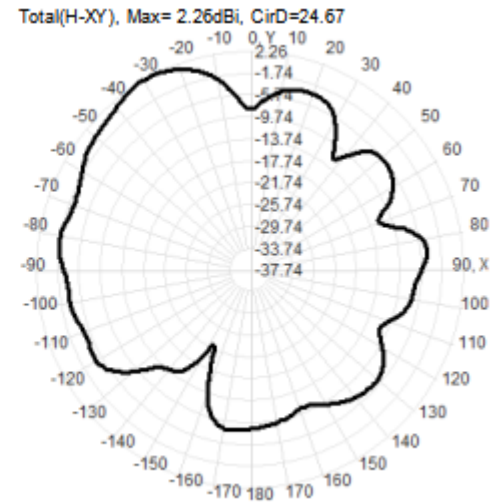
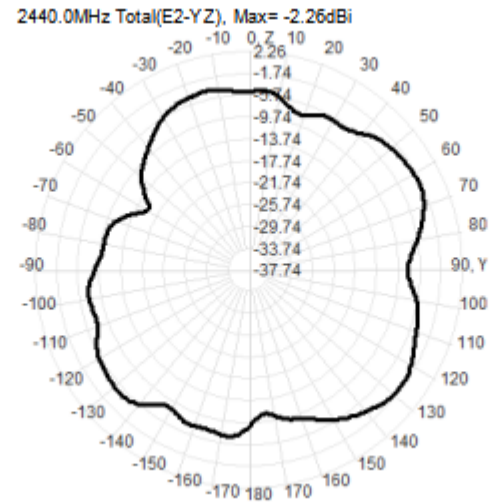
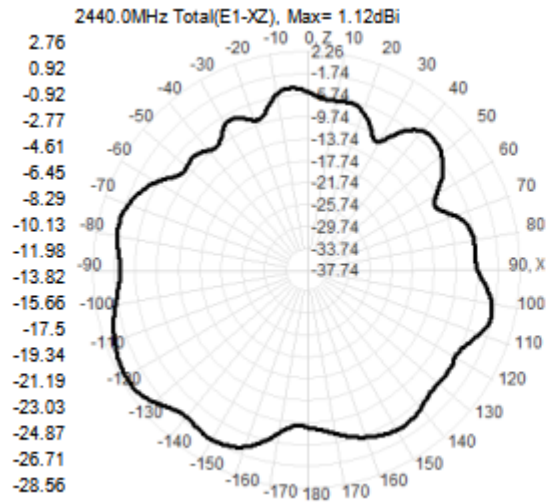
Co-cross polarization field (dBi)

Total field (dBi)

Solid line: vertical polarization

Dash line: horizontal polarization

# Radiation pattern: Antenna. XY Plane at $f = 2.440\text{GHz}$



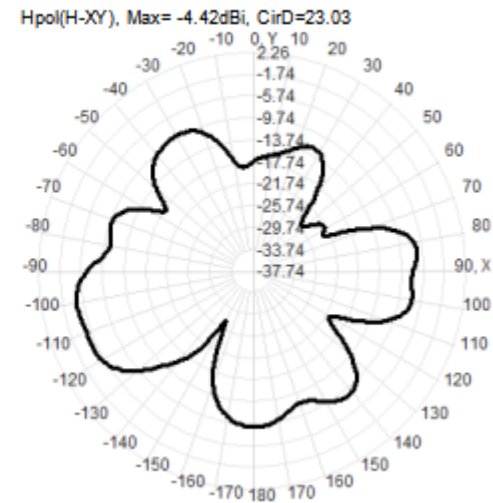
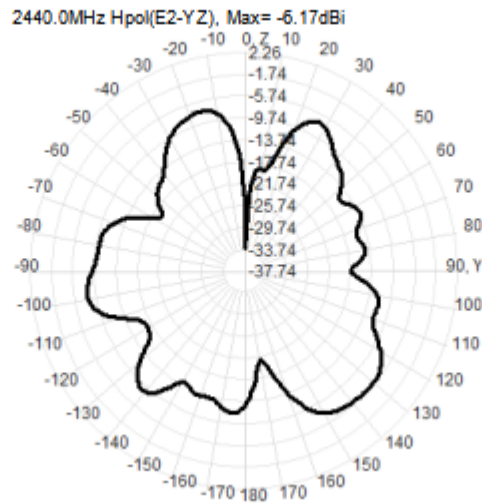
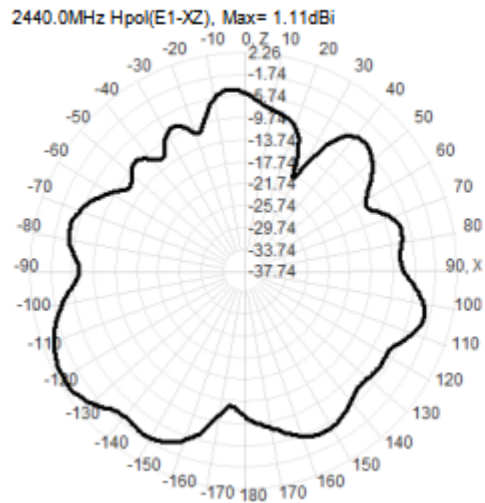
Co-cross polarization field (dBi)

Total field (dBi)

Solid line: vertical polarization

Dash line: horizontal polarization

# Radiation pattern: Antenna. XZ Plane at $f = 2.440\text{GHz}$



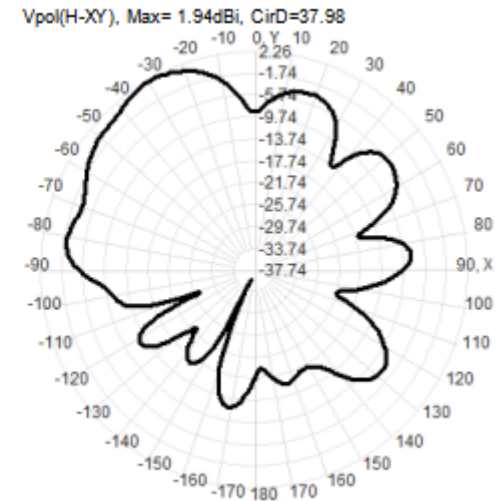
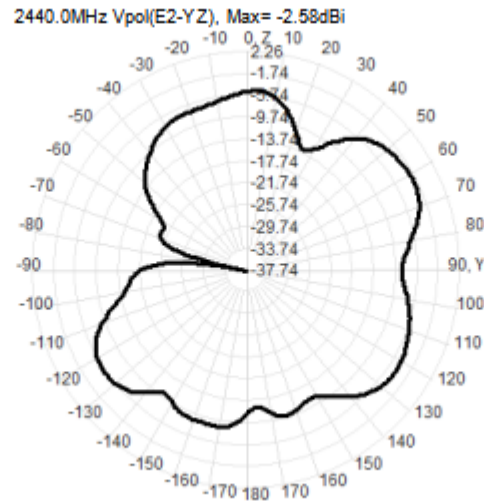
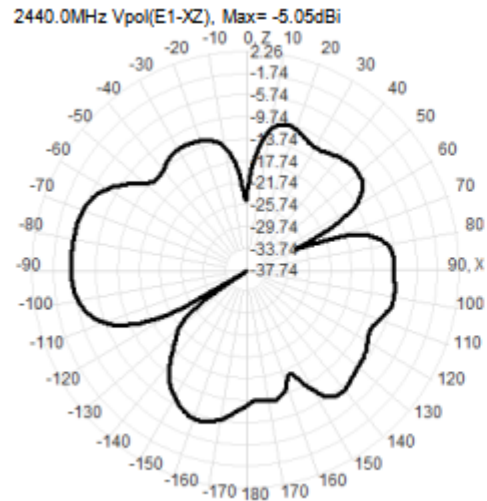
Co-cross polarization field (dBi)

Total field (dBi)

Solid line: vertical polarization

Dash line: horizontal polarization

# Radiation pattern: Antenna. YZ Plane at $f = 2.440\text{GHz}$



Co-cross polarization field (dBi)

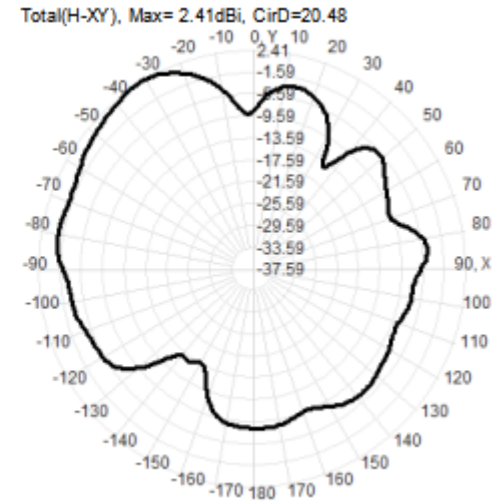
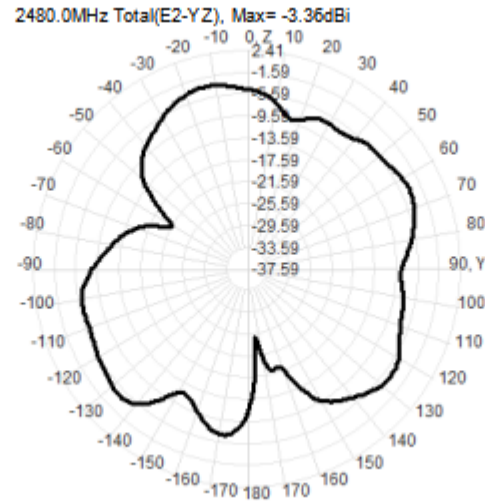
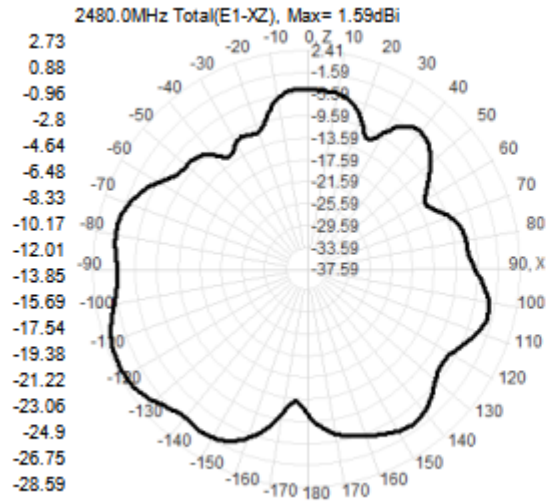
Total field (dBi)

Solid line: vertical polarization

Dash line: horizontal polarization



# Radiation pattern: Antenna. XY Plane at $f = 2.480\text{GHz}$



Co-cross polarization field (dBi)

Total field (dBi)

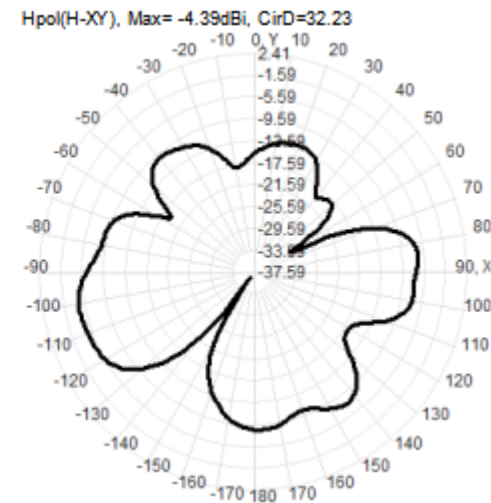
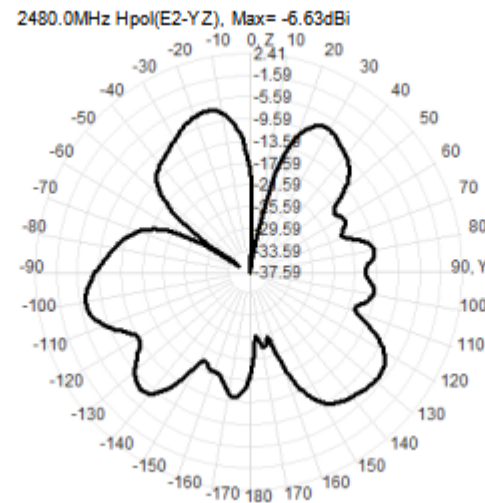
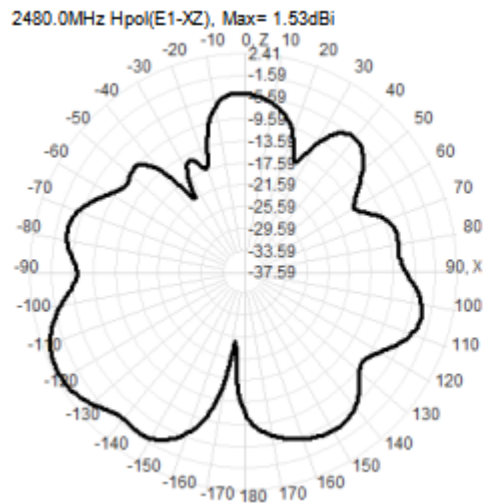
Solid line: vertical polarization

Dash line: horizontal polarization

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# Radiation pattern: Antenna. XZ Plane at $f = 2.480\text{GHz}$



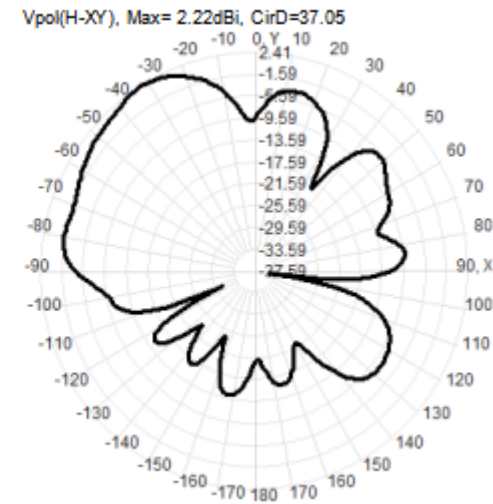
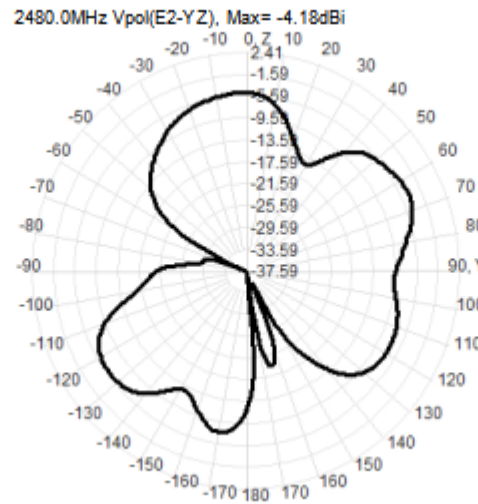
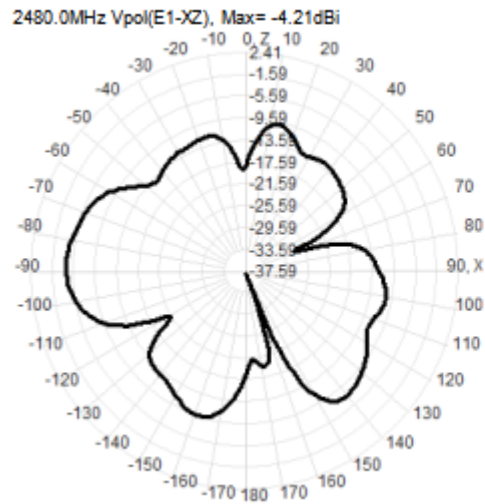
Co-cross polarization field (dBi)

Total field (dBi)

Solid line: vertical polarization

Dash line: horizontal polarization

# Radiation pattern: Antenna. YZ Plane at $f = 2.480\text{GHz}$



Co-cross polarization field (dBi)

Total field (dBi)

Solid line: vertical polarization

Dash line: horizontal polarization