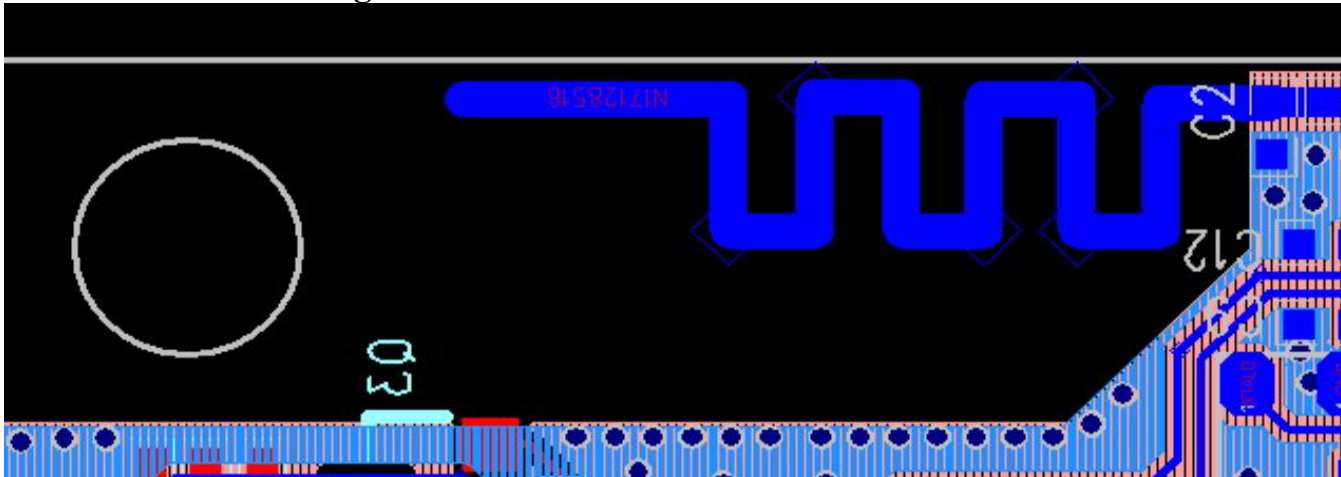


Antenna Specification

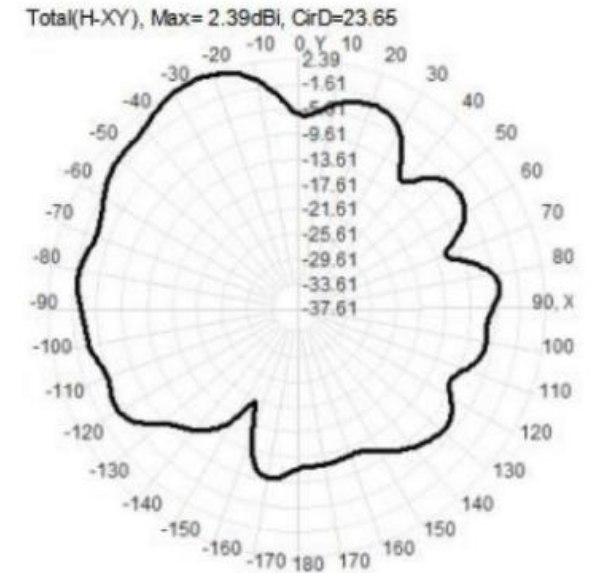
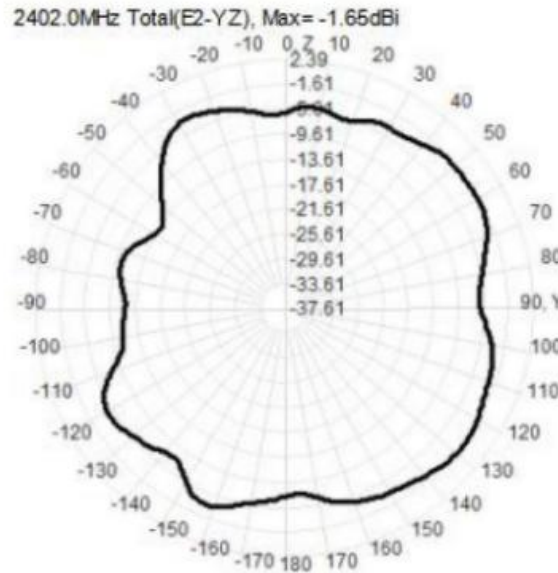
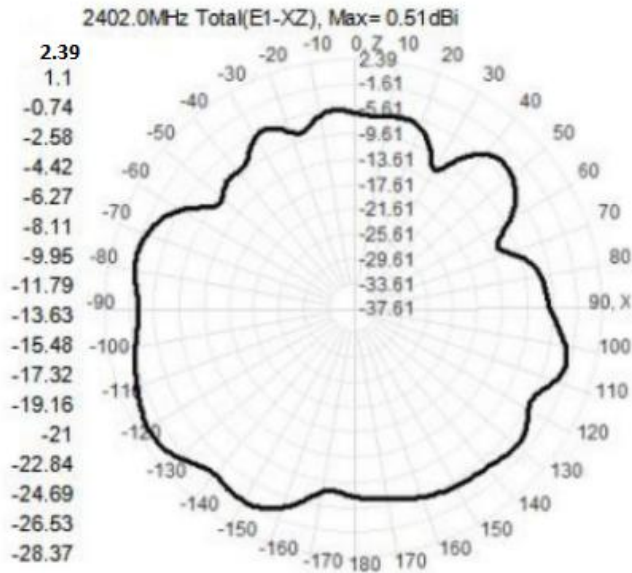
Specifications Summary

ITEM	SPEC.	
Model Name	ISM 2.4 GHz	
Center Frequency	2.402GHz 2.440GHz 2.480GHz	2.39 dBi 2.26 dBi 2.41 dBi
MAX. GAIN	2.41 dBi	
Polarization	Horizontal	
Azimuth Beam Pattern	Omni-directional	
Impedance	50 Ω	
Antenna Length	41 mm	
Manufacturer's name	Shenzhen Torich Electronic Technology Co., Ltd	
Address	4/5F, Unit B2, Fenghuang Gang 3Rd Industrial Area, Baotian 1st Road, No.231 Bao'An District, Shenzhen China	

Antenna Photo & Length



Radiation pattern: Antenna 1 . XZ Plane at $f = 2.402\text{GHz}$



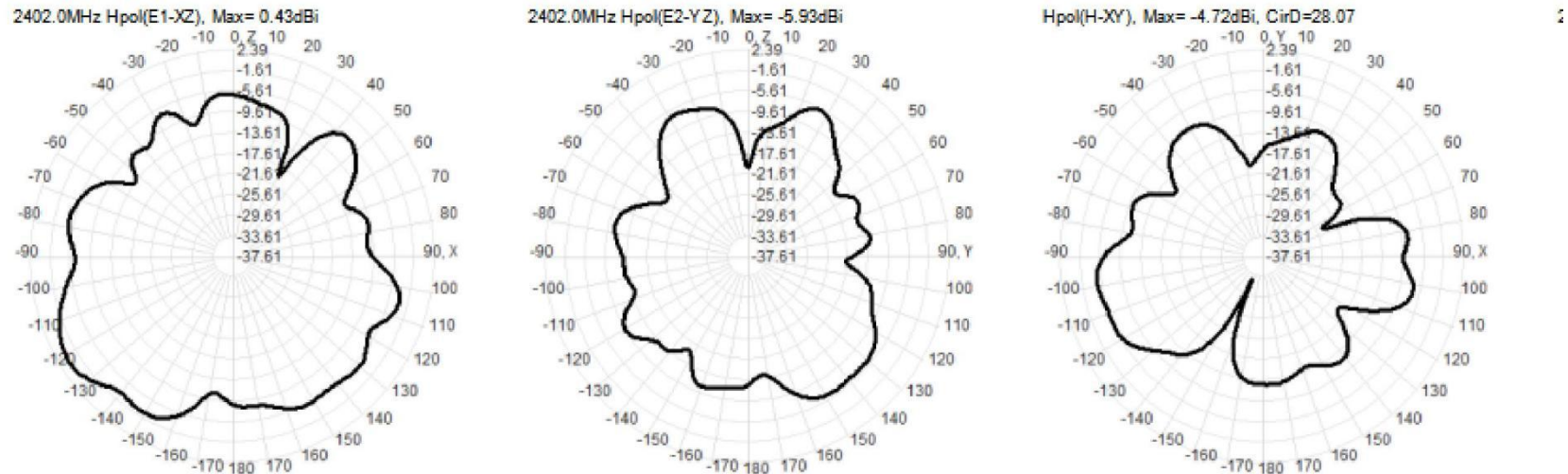
Co-cross polarization field (dBi)

Total field (dBi)

Solid line: vertical polarization

Dash line: horizontal polarization

Radiation pattern: Antenna 1 . XZ Plane at f= 2.402GHz



Co-cross polarization field (dBi)

Total field (dBi)

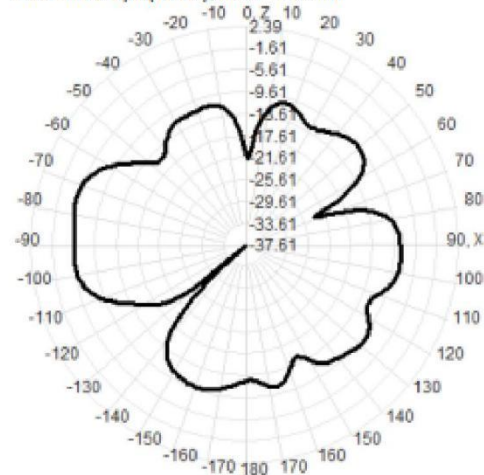
Solid line: vertical polarization

Dash line: horizontal polarization

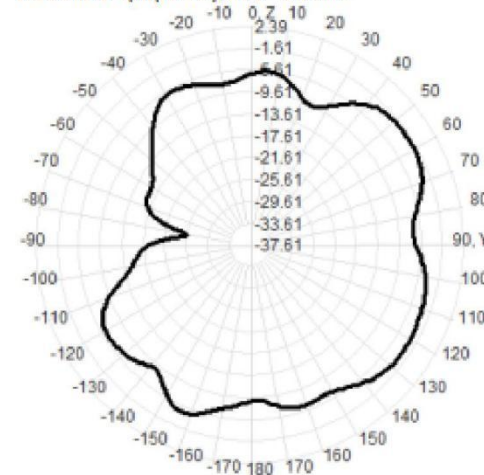
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Radiation pattern: Antenna 1 . XZ Plane at f= 2.402GHz

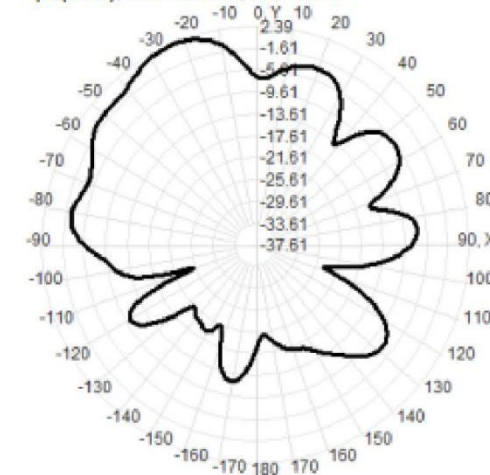
2402.0MHz Vpol(E1-XZ), Max=-4.95dBi



2402.0MHz Vpol(E2-YZ), Max=-2.36dBi



Vpol(H-XY), Max= 2.12dBi, CirD=27.51



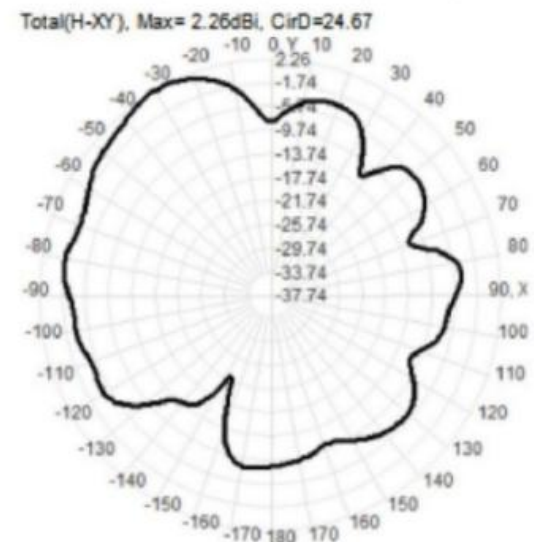
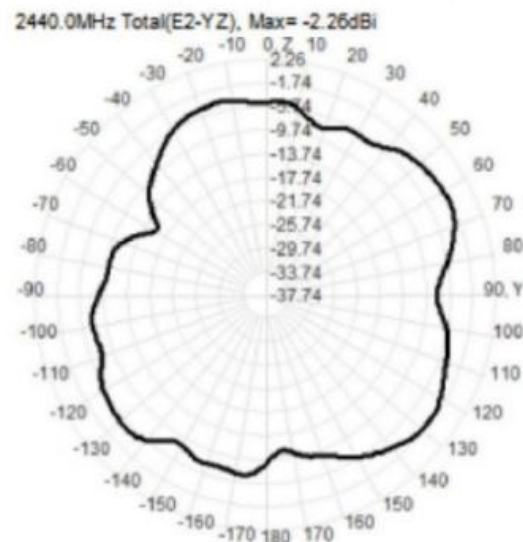
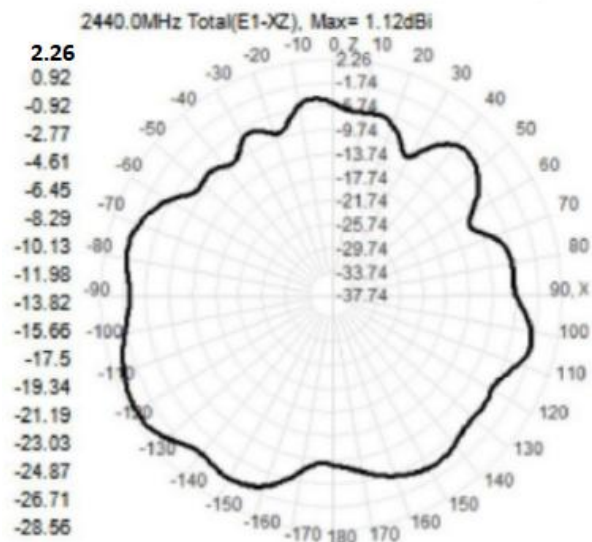
Co-cross polarization field (dBi)

Total field (dBi)

Solid line: vertical polarization

Dash line: horizontal polarization

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Radiation pattern: Antenna 1 . XZ Plane at $f = 2.440\text{GHz}$

Co-cross polarization field (dBi)

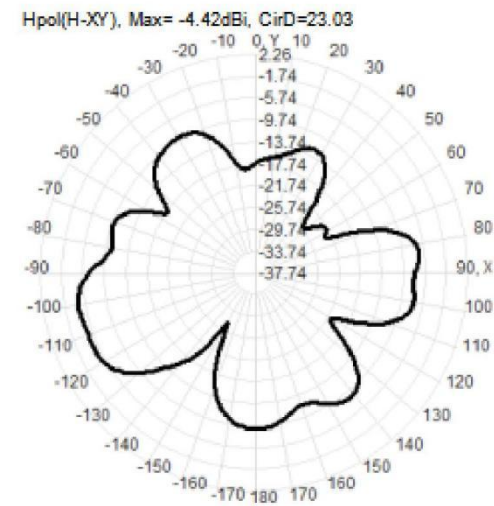
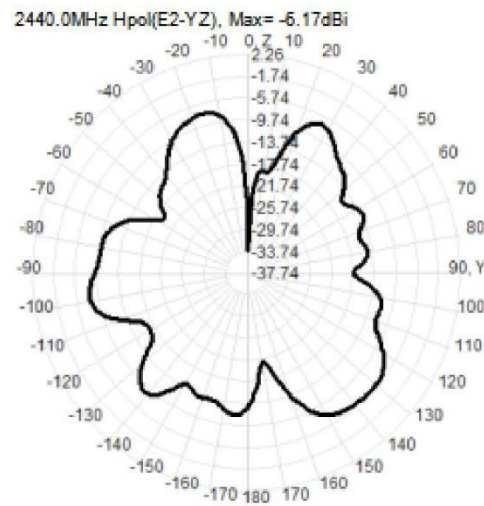
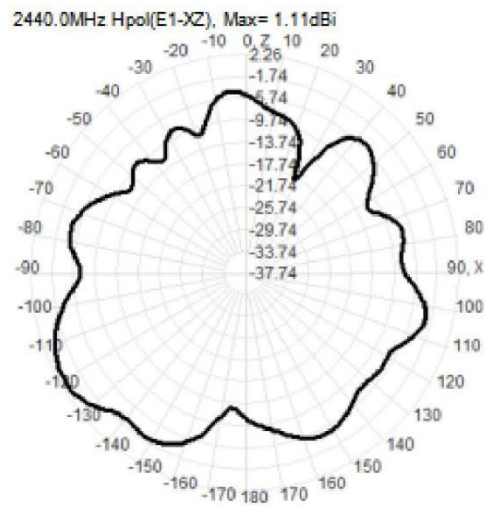
Total field (dBi)

Solid line: vertical polarization

Dash line: horizontal polarization

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Radiation pattern: Antenna 1 . XZ Plane at $f = 2.440\text{GHz}$



Co-cross polarization field (dBi)

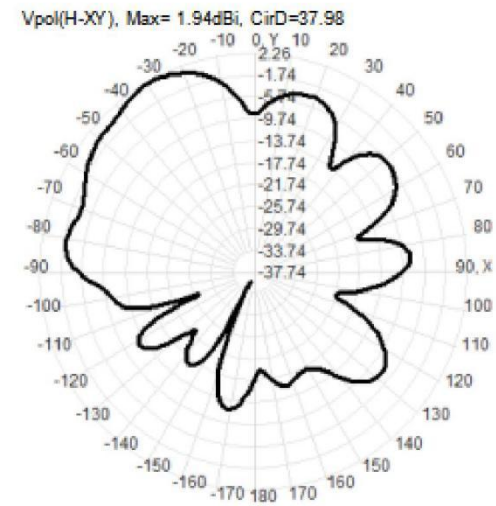
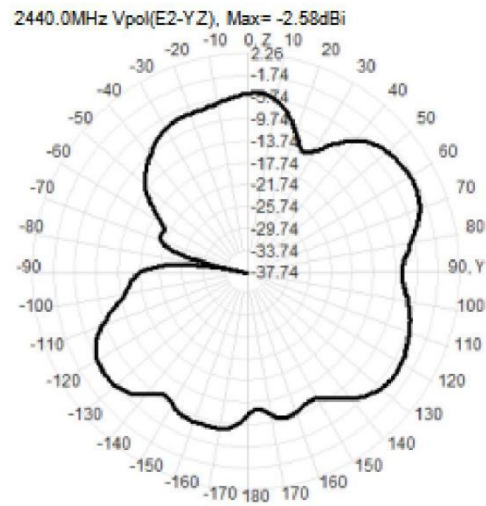
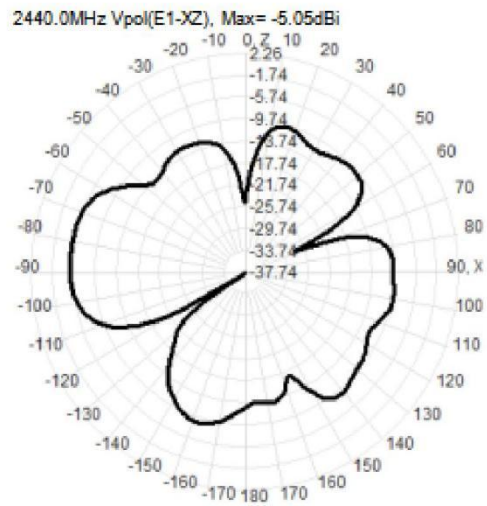
Total field (dBi)

Solid line: vertical polarization

Dash line: horizontal polarization

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Radiation pattern: Antenna 1 . XZ Plane at $f = 2.440\text{GHz}$



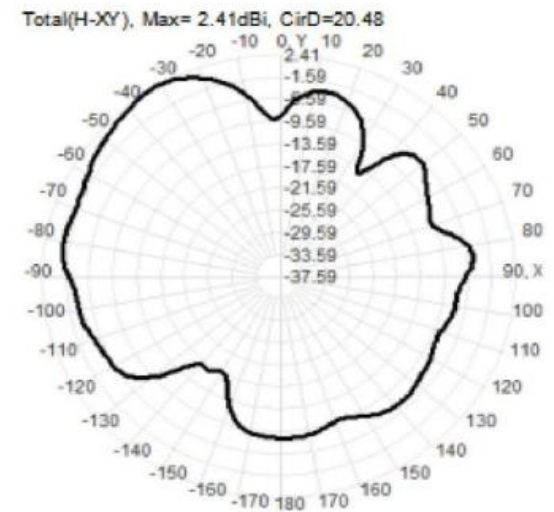
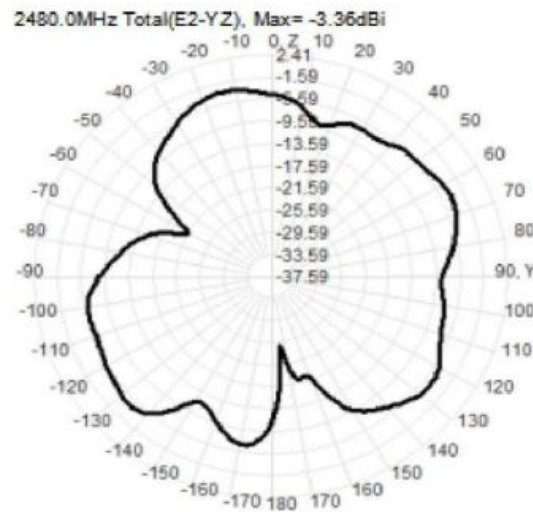
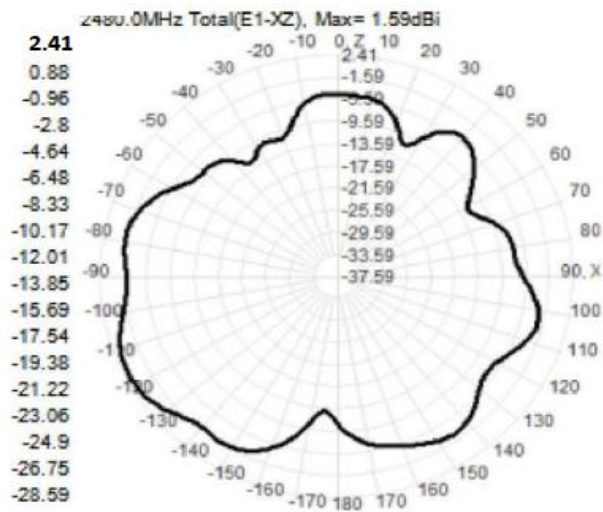
Co-cross polarization field (dBi)

Total field (dBi)

Solid line: vertical polarization

Dash line: horizontal polarization

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Radiation pattern: Antenna 1 . XZ Plane at $f = 2.480\text{GHz}$

Co-cross polarization field (dBi)

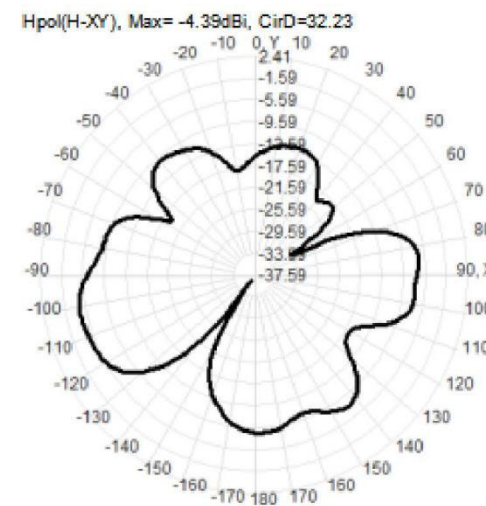
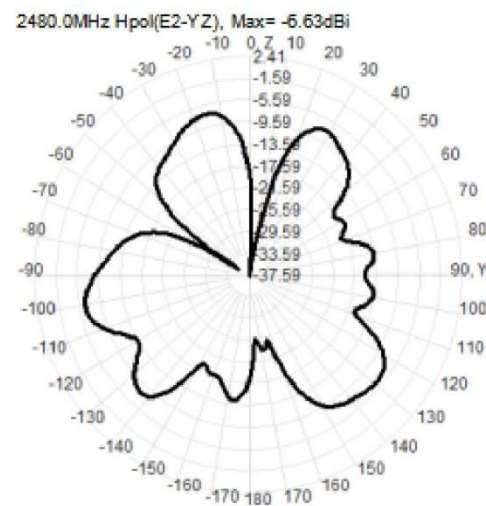
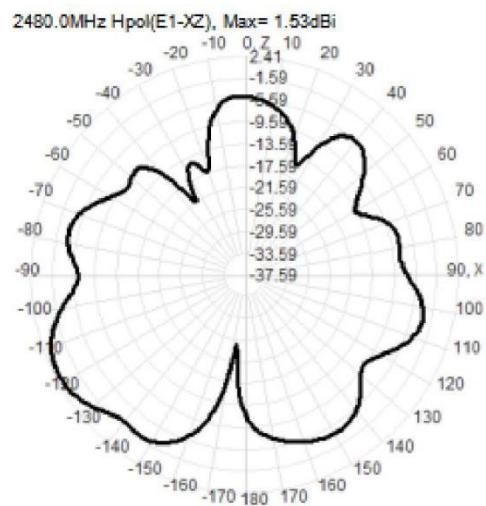
Total field (dBi)

Solid line: vertical polarization

Dash line: horizontal polarization

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Radiation pattern: Antenna 1 . XZ Plane at $f = 2.480\text{GHz}$



Co-cross polarization field (dBi)

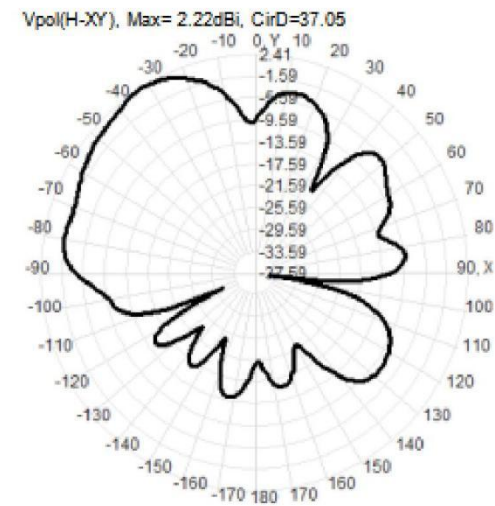
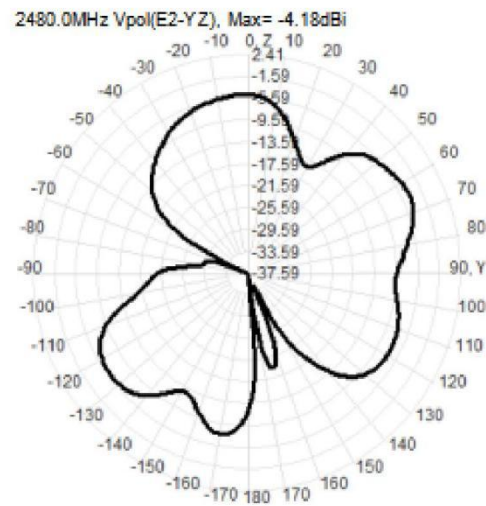
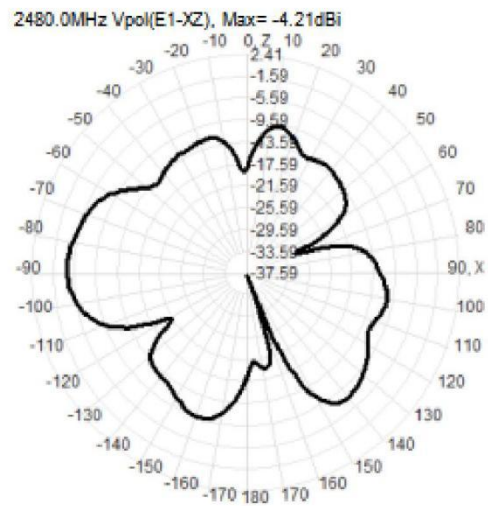
Total field (dBi)

Solid line: vertical polarization

Dash line: horizontal polarization

UCI CENTER FOR RF DESIGN AND CHARACTERIZATION

Radiation pattern: Antenna 1 . XZ Plane at $f = 2.480\text{GHz}$



Co-cross polarization field (dBi)

Total field (dBi)

Solid line: vertical polarization

Dash line: horizontal polarization

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