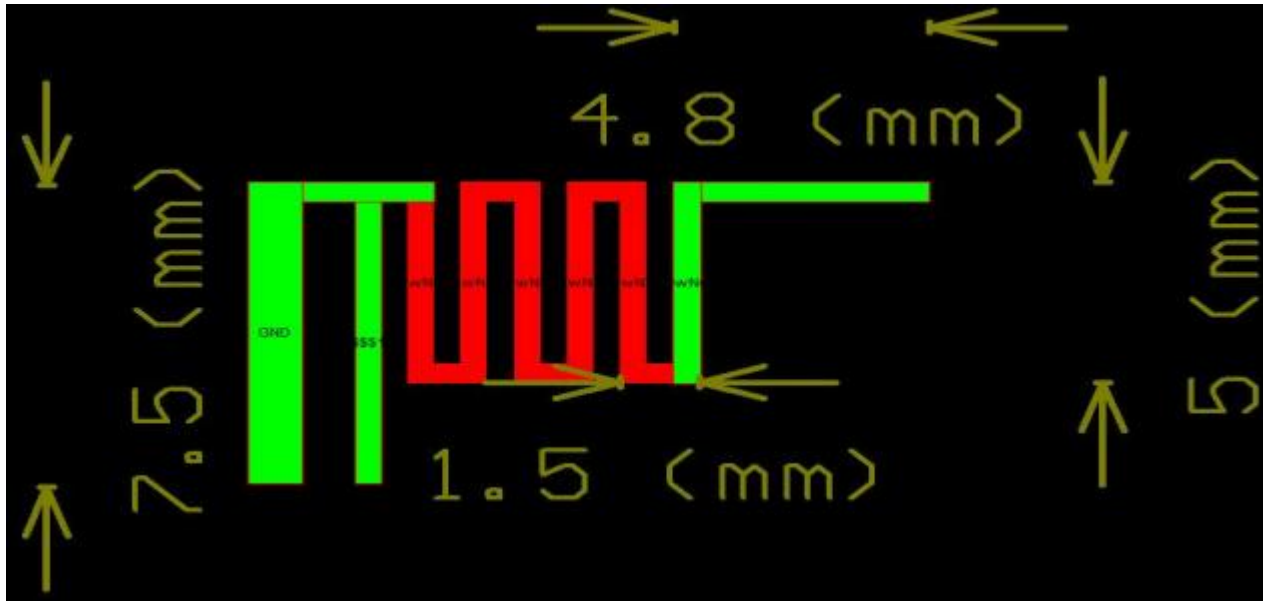


Antenna Specification

Specifications Summary

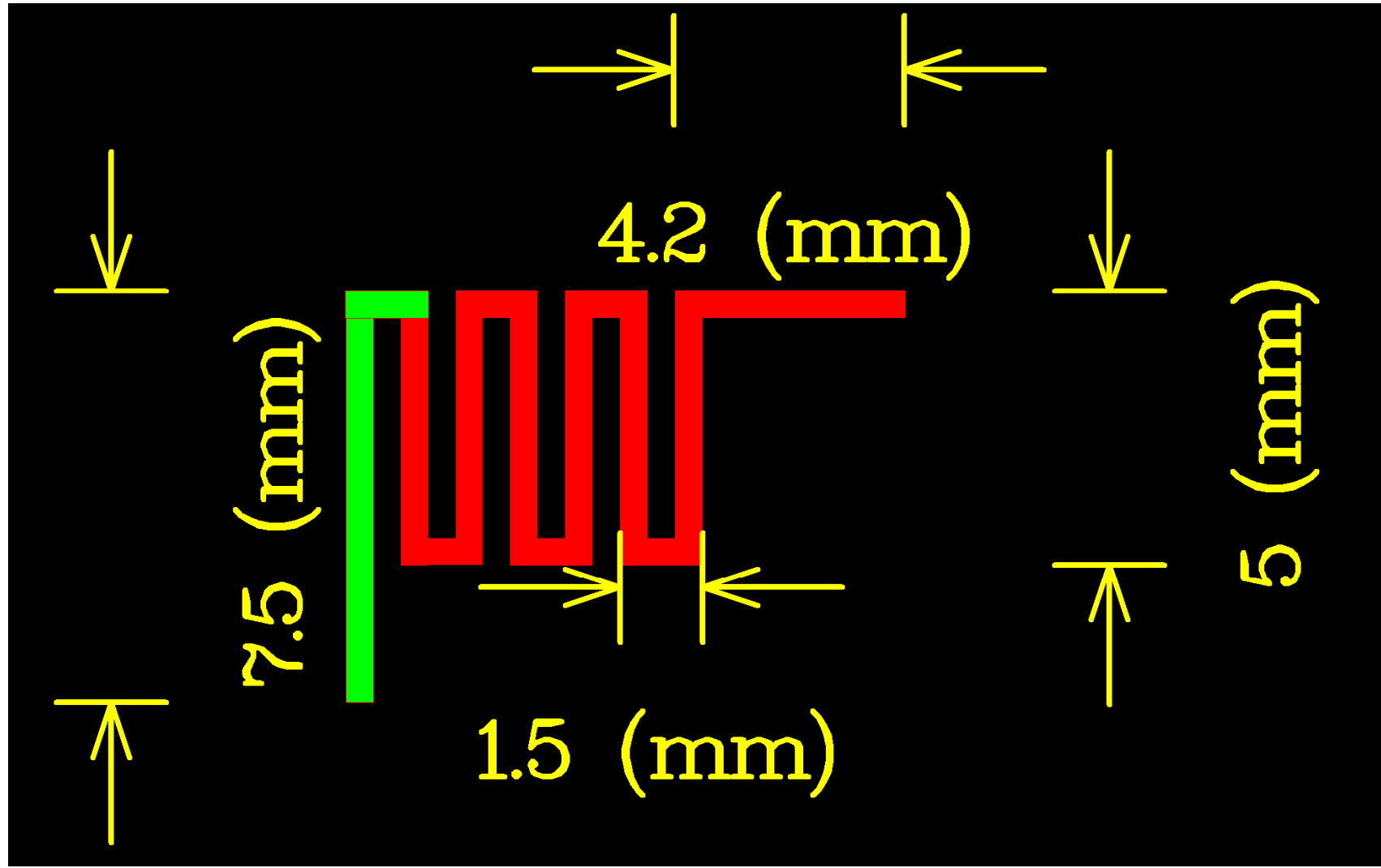
ITEM	SPEC.	
Model Name	ISM 2.4 GHz	
Center Frequency	2.402GHz	2.94 dBi
	2.440GHz	2.76 dBi
	2.480GHz	2.73 dBi
MAX. GAIN	2.94 dBi	
Polarization	Horizontal	
Azimuth Beam Pattern	Omni-directional	
Impedance	50 Ω	
Antenna Length	41 mm	

Antenna Photo & Length

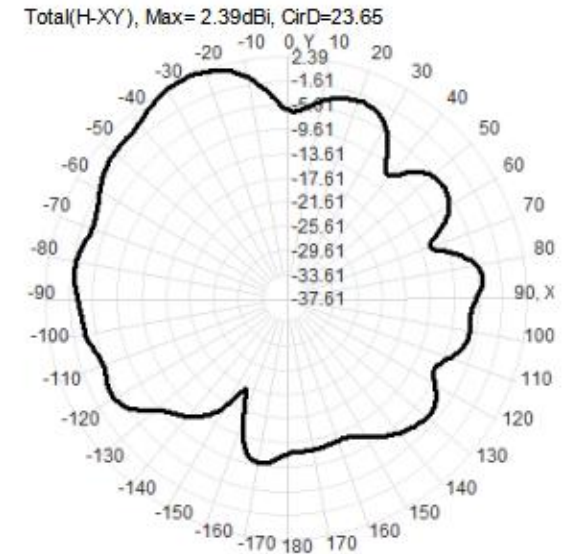
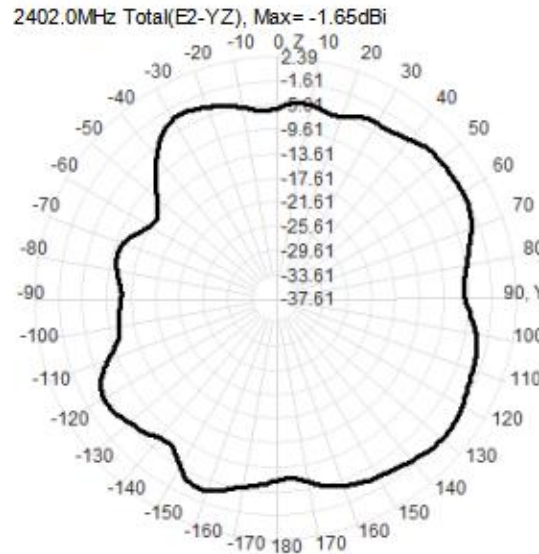
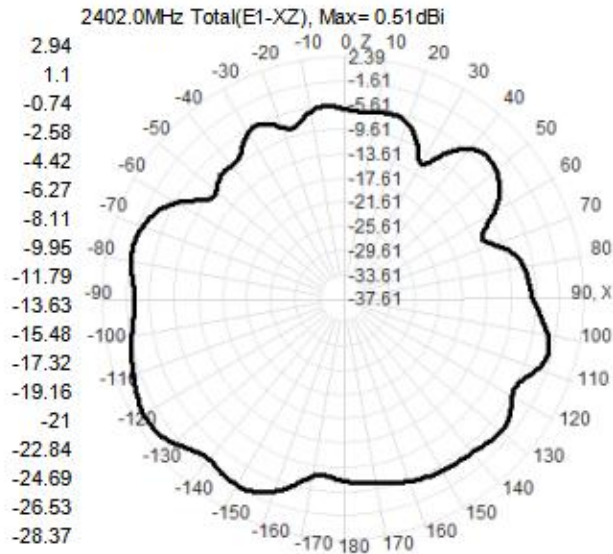


Jingheng Tengwei (Huizhou) Electronic Technology Co., Ltd.

No. 8 Minying 1 Road, Yuanzhou Town, Boluo County, Huizhou City, Guangdong Province, China



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



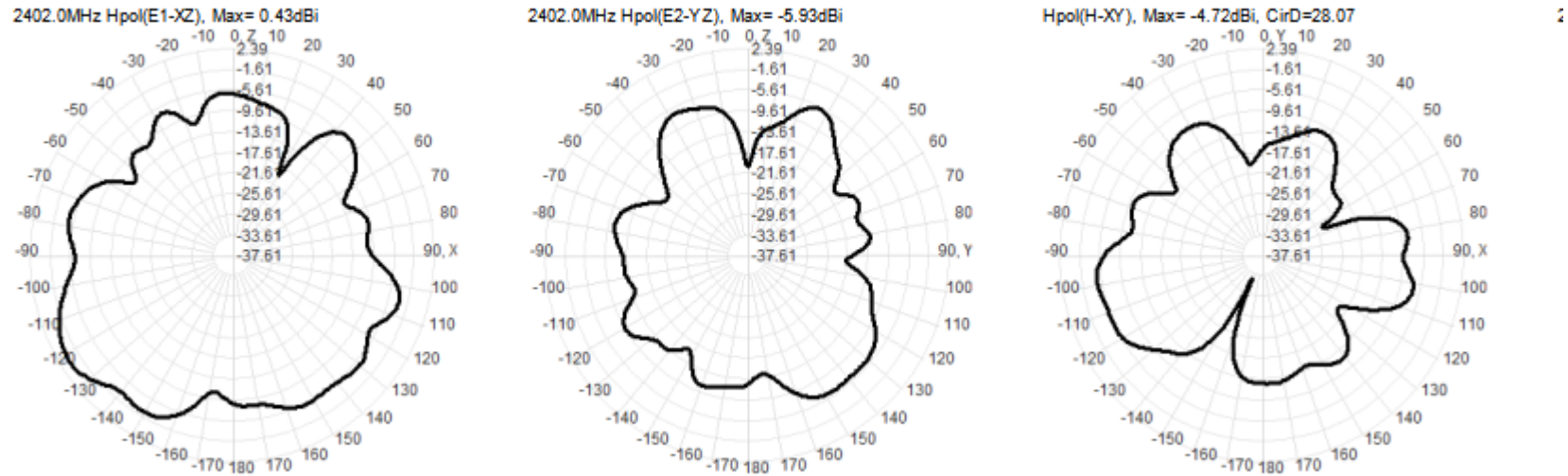
Co-cross polarization field (dBi)

Total field (dBi)

Solid line: vertical polarization

Dash line: horizontal polarization

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



Co-cross polarization field (dBi)

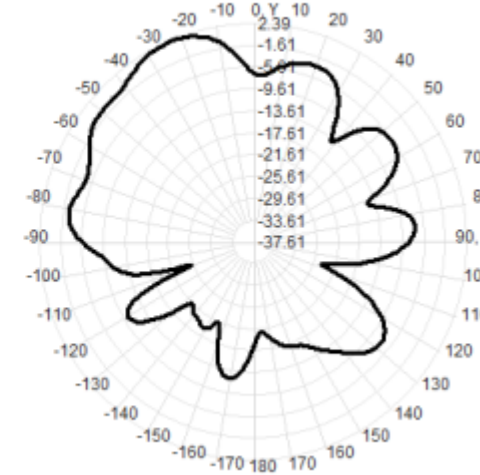
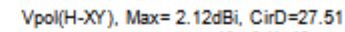
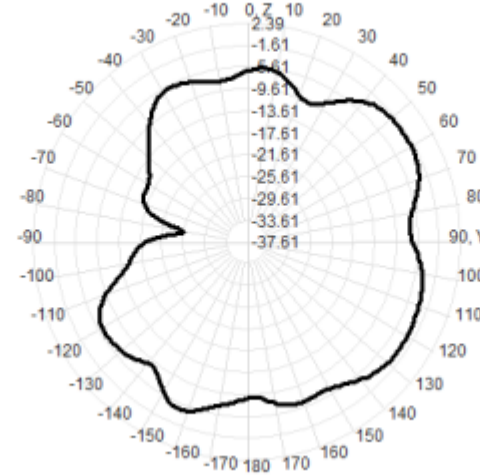
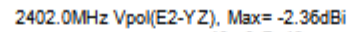
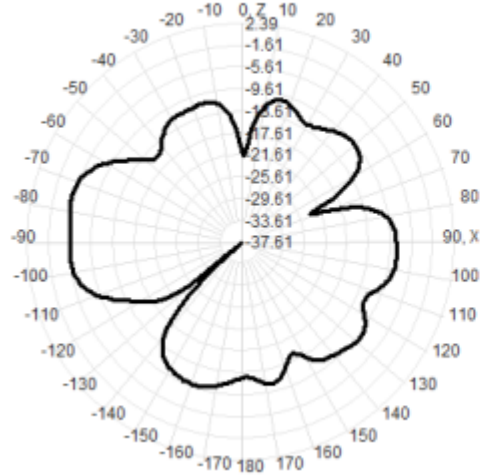
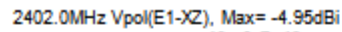
Total field (dBi)

Solid line: vertical polarization

Dash line: horizontal polarization

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



Co-cross polarization field (dBi)

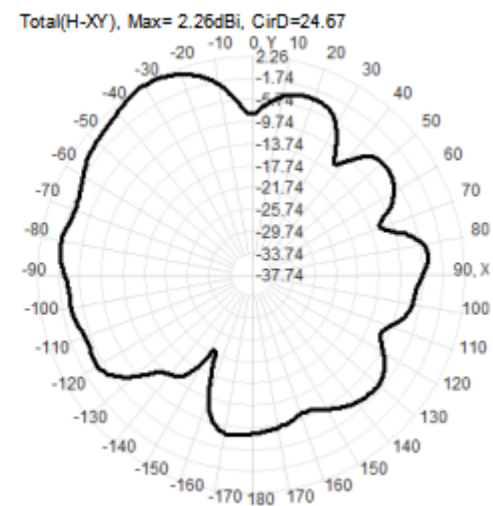
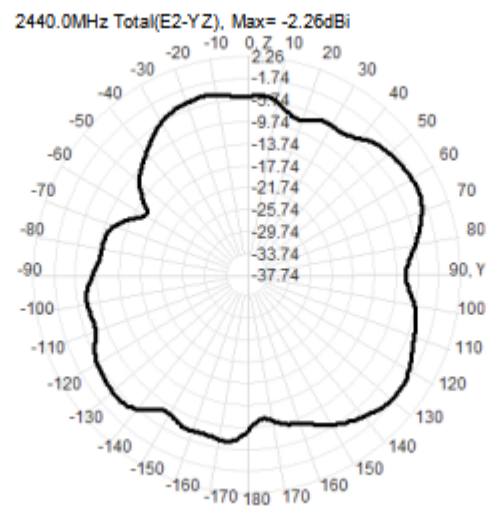
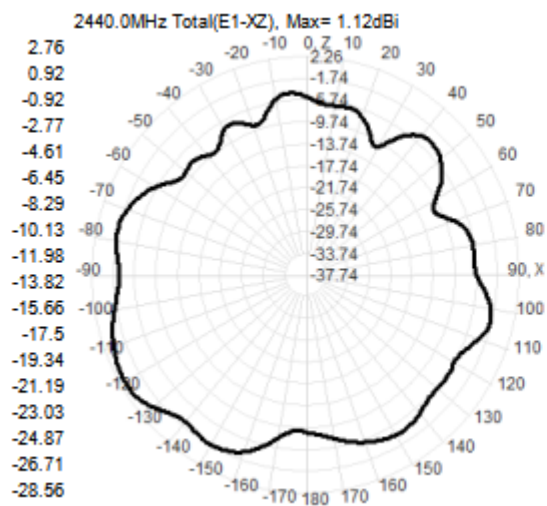
Total field (dBi)

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)

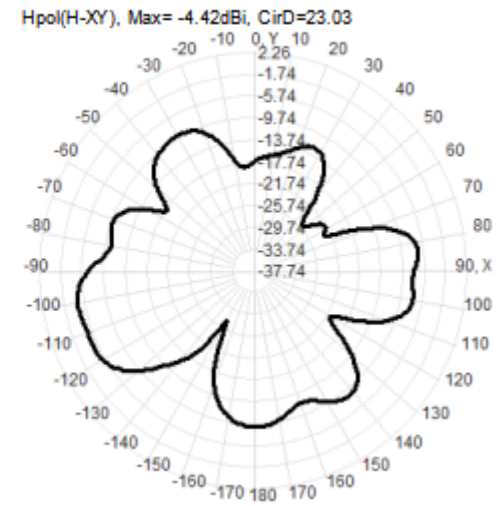
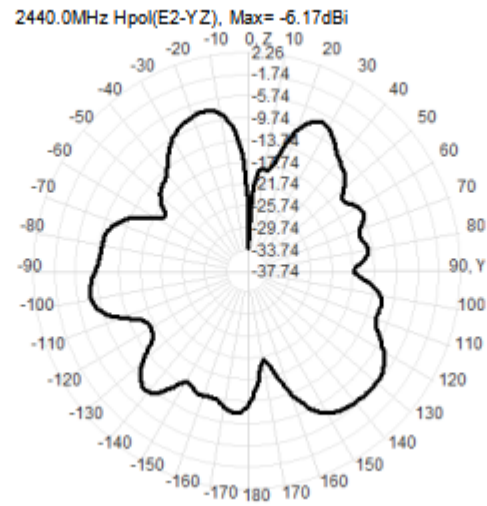
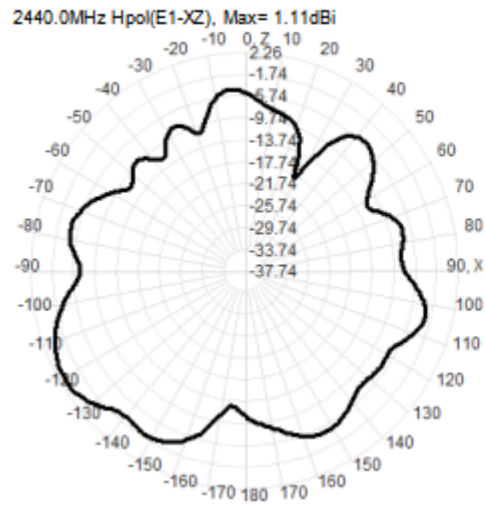
Total field (dBi)

Solid line: vertical polarization

Dash line: horizontal polarization

UCI CENTER FOR RF DESIGN AND CHARACTERIZATION

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



Co-cross polarization field (dBi)

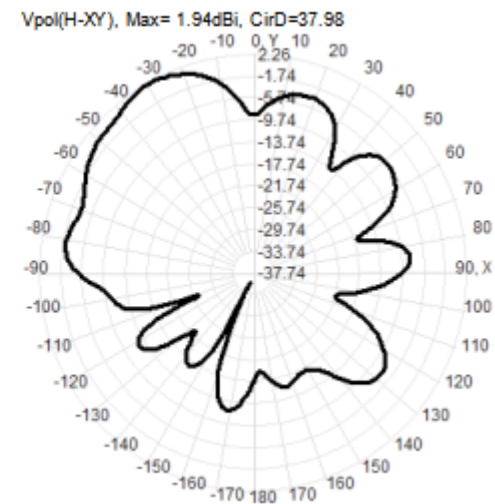
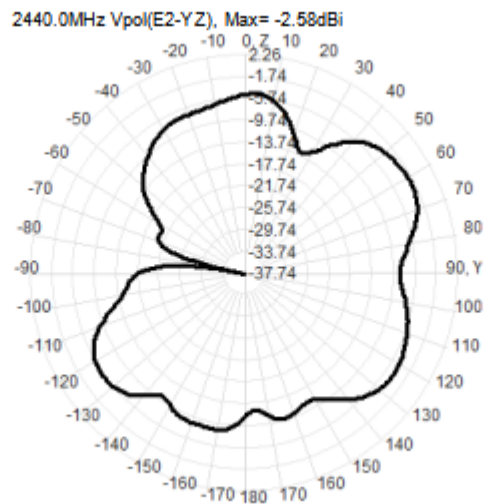
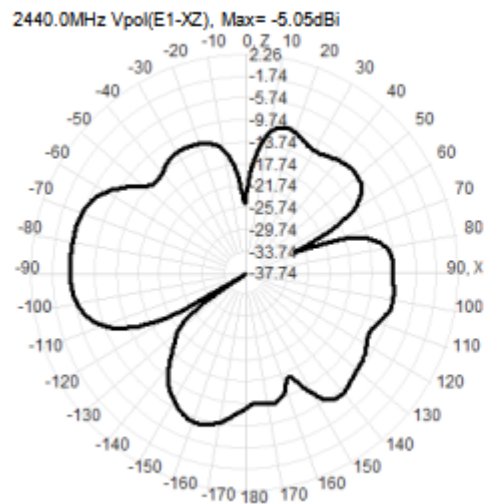
Total field (dBi)

Solid line: vertical polarization

Dash line: horizontal polarization

UCI CENTER FOR RF DESIGN AND CHARACTERIZATION

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



Co-cross polarization field (dBi)

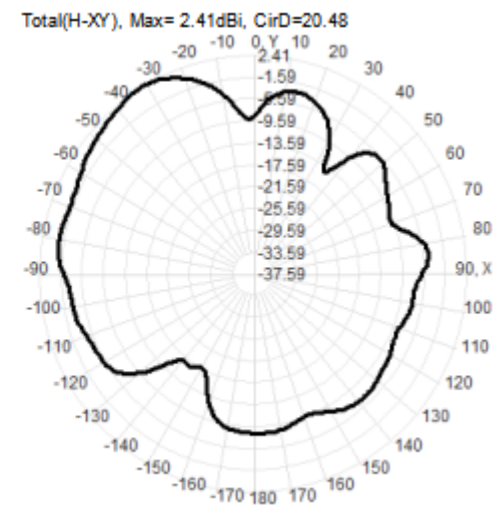
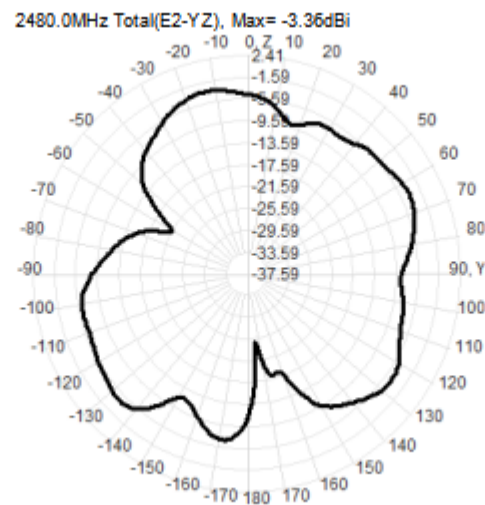
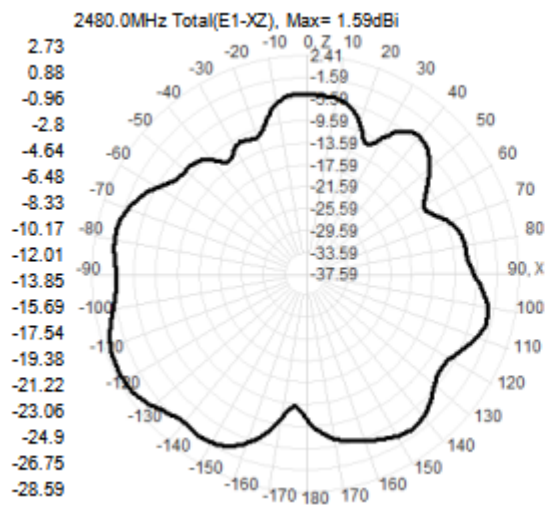
Total field (dBi)

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)

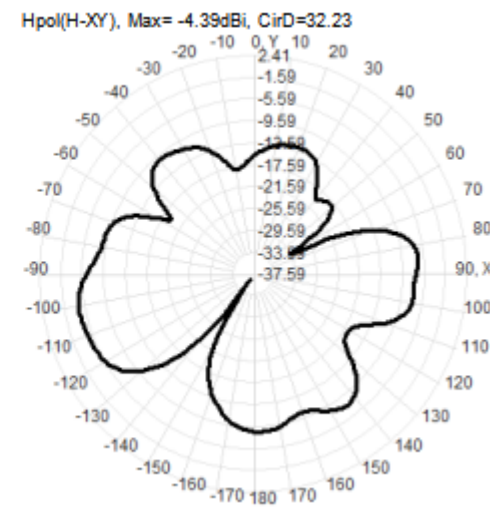
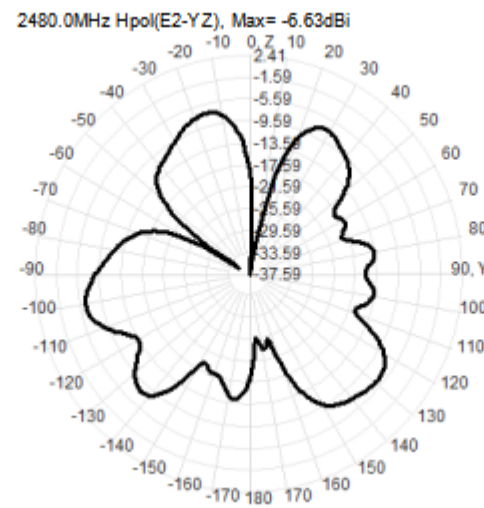
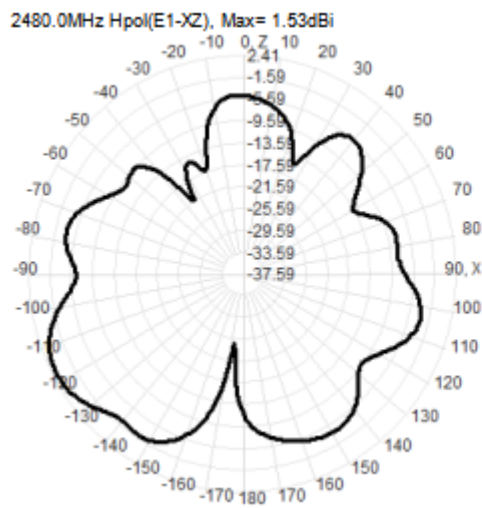
Total field (dBi)

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)

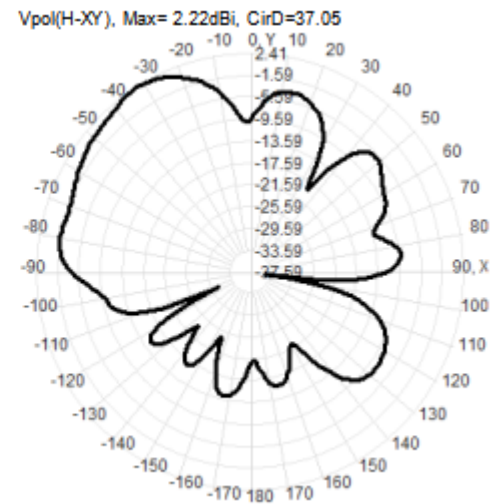
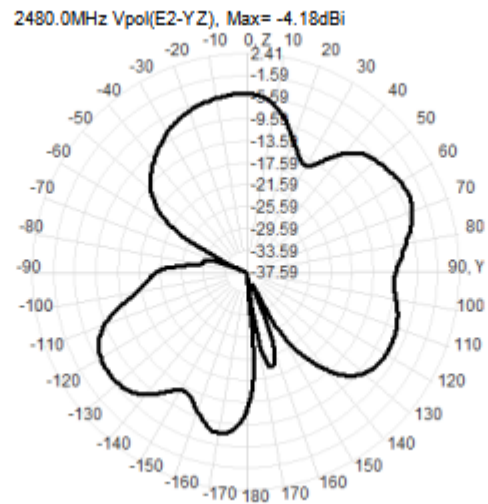
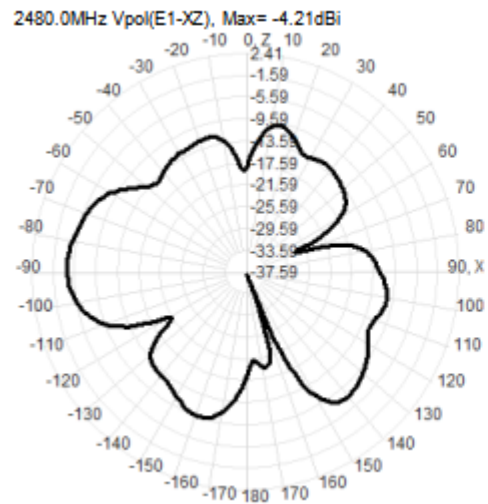
Total field (dBi)

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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