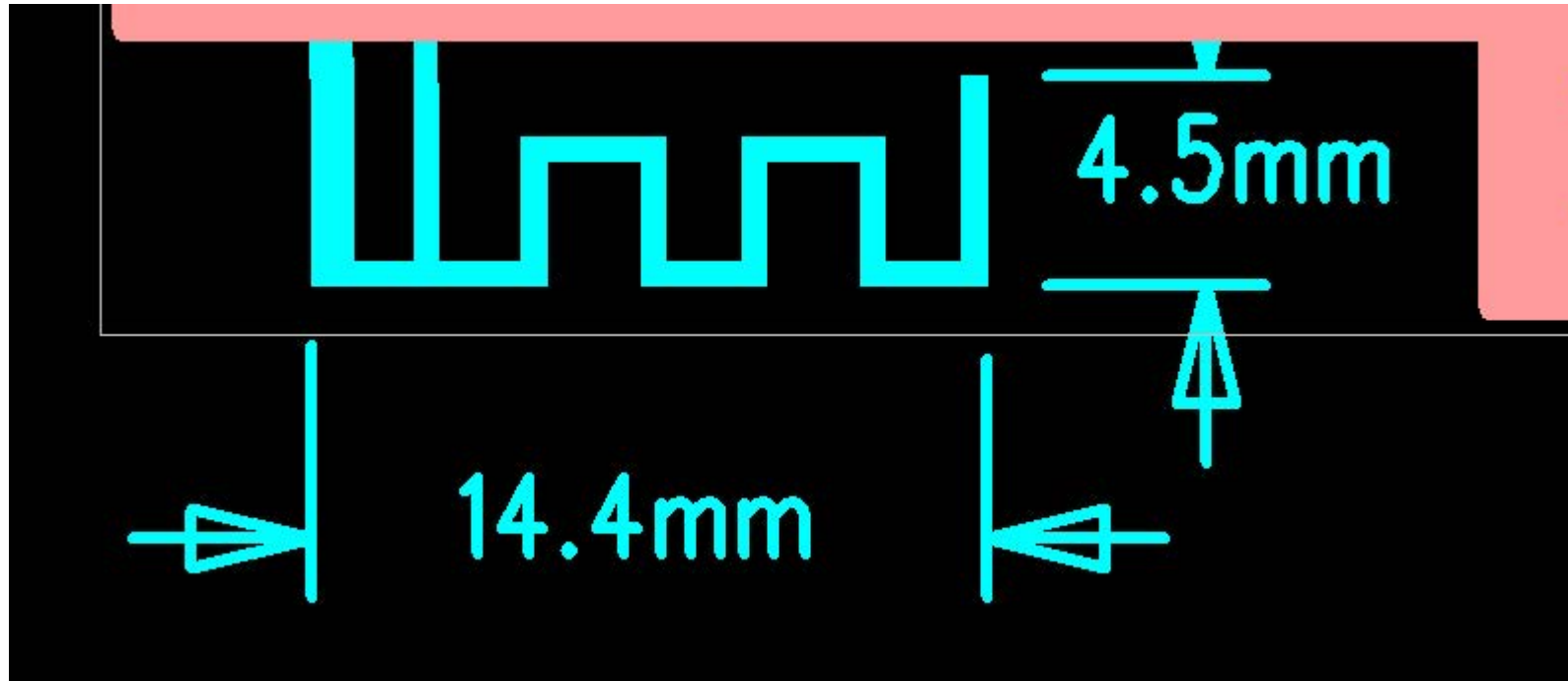


Antenna Specification

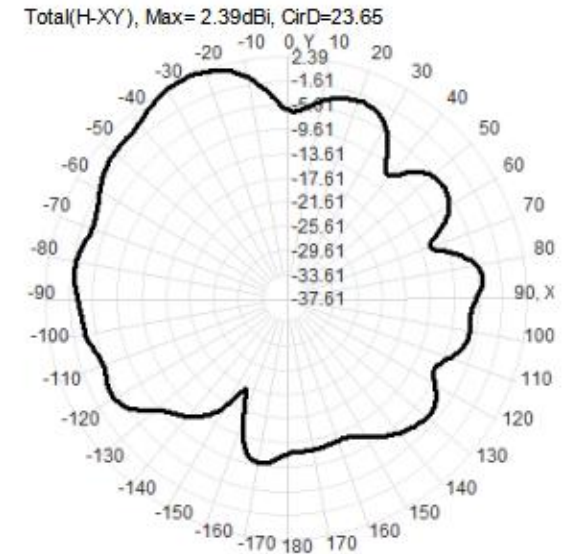
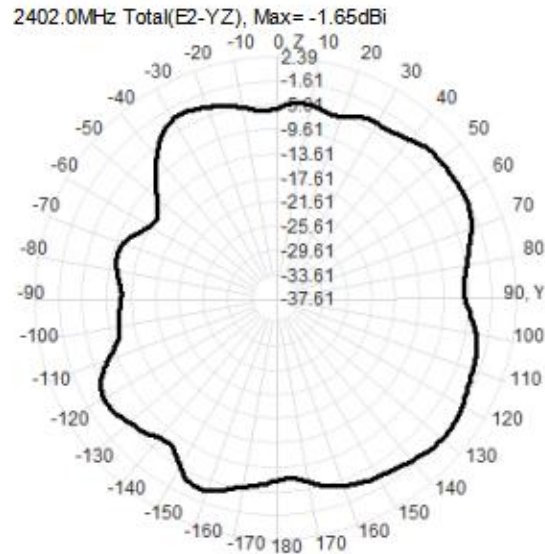
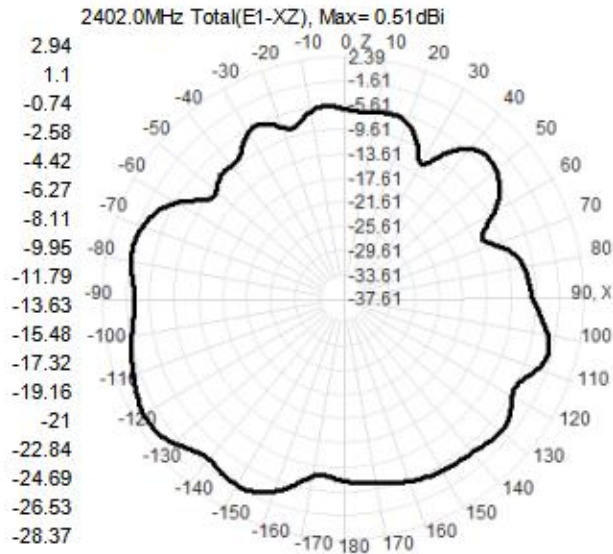
Specifications Summary

ITEM	SPEC.	
Model Name	ISM 2.4 GHz	
Center Frequency	2.402GHz 2.440GHz 2.480GHz	-3.82dBi -2.99dBi -3.58dBi
MAX. GAIN	-2.99dBi	
Polarization	Horizontal	
Azimuth Beam Pattern	Omni-directional	
Impedance	50 Ω	
Antenna Length	26.3 mm	

Antenna Photo & Length



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



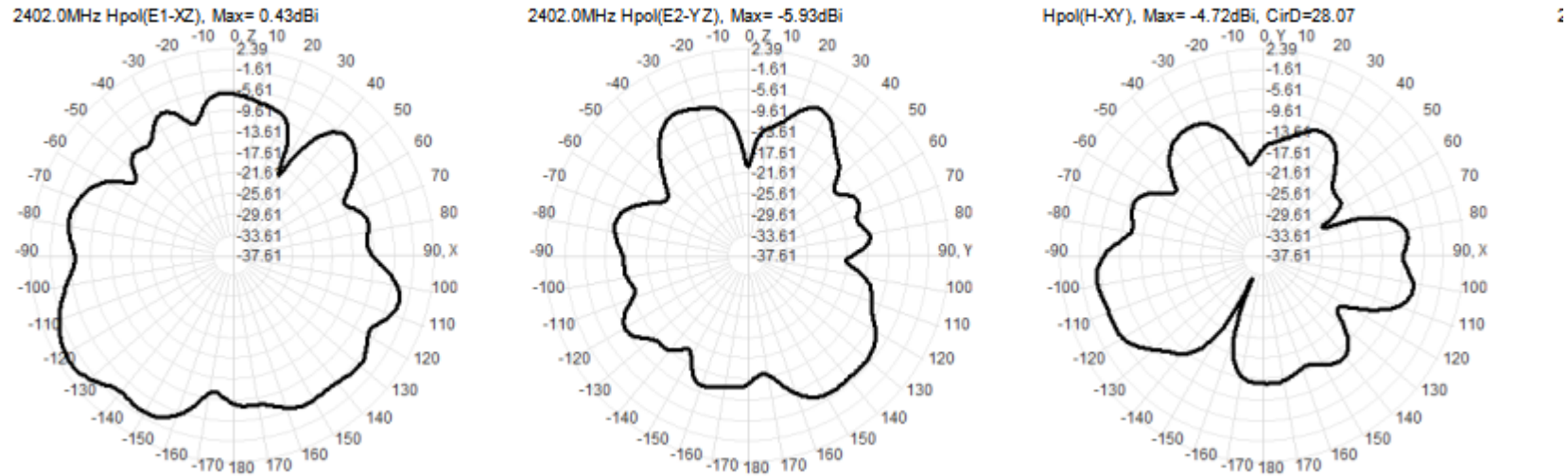
Co-cross polarization field (dBi)

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)

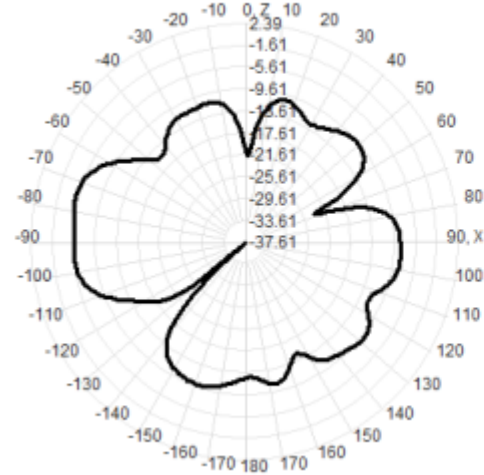
Total field (dBi)

Solid line: vertical polarization

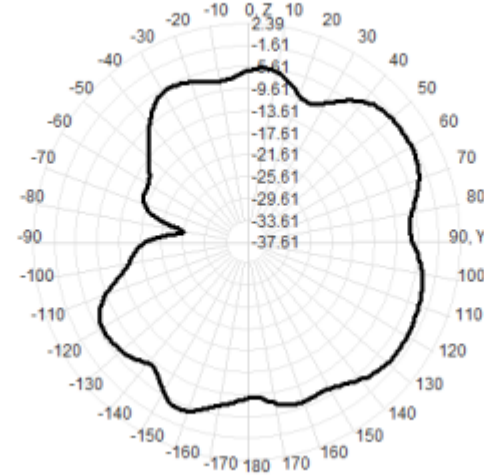
Dash line: horizontal polarization

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

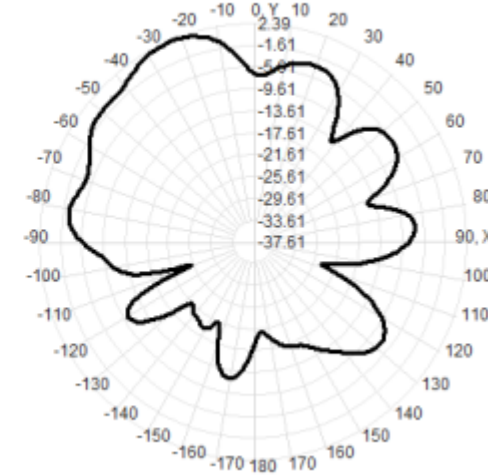
2402.0MHz Vpol(E1-XZ), Max= -4.95dBi



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



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



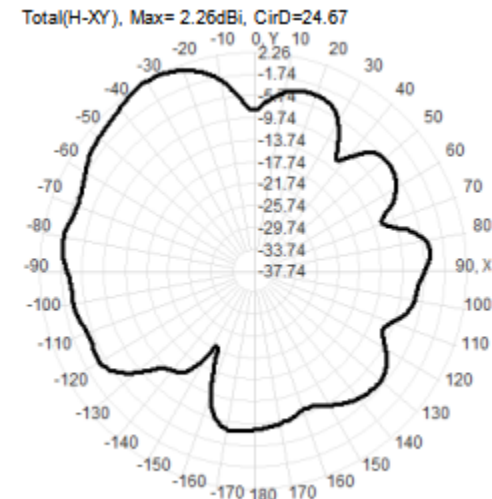
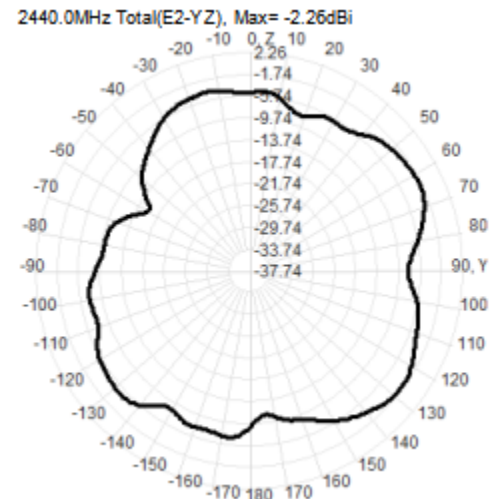
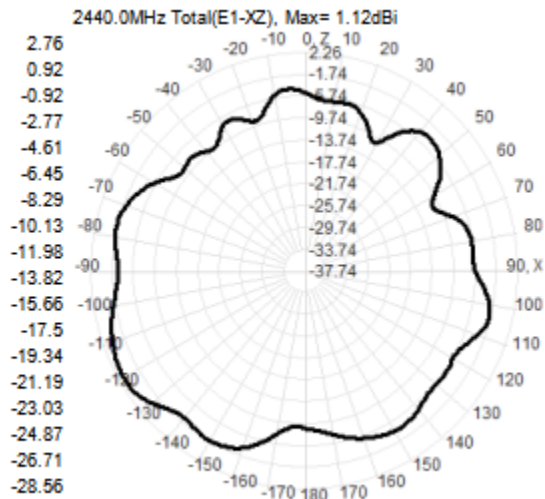
Co-cross polarization field (dBi)

Total field (dBi)

Solid line: vertical polarization

Dash line: horizontal polarization

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



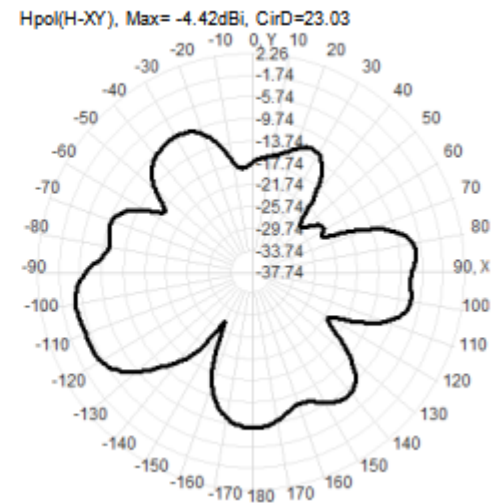
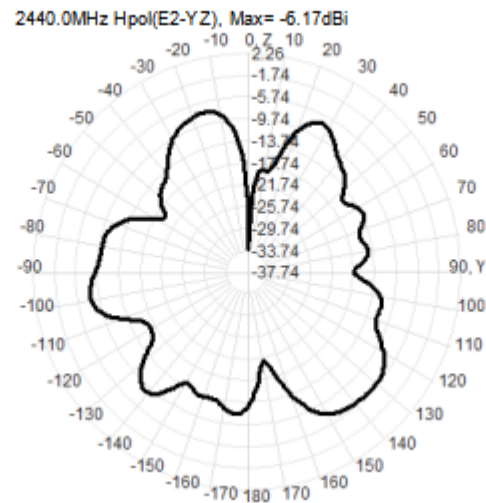
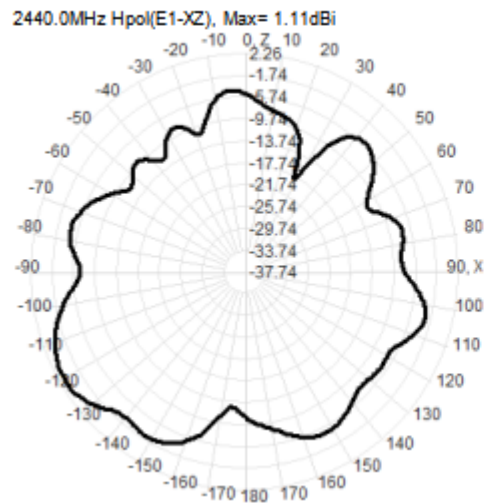
Co-cross polarization field (dBi)

Total field (dBi)

Solid line: vertical polarization

Dash line: horizontal polarization

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



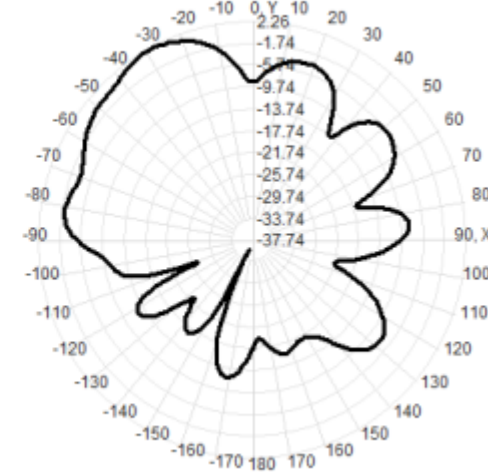
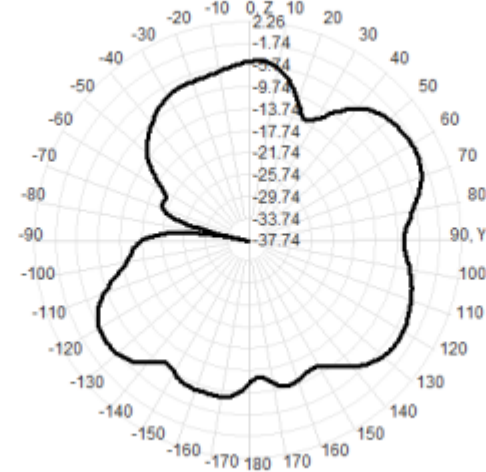
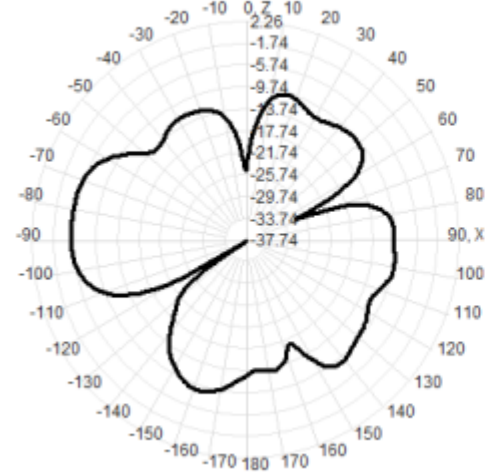
Co-cross polarization field (dBi)

Total field (dBi)

Solid line: vertical polarization

Dash line: horizontal polarization

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



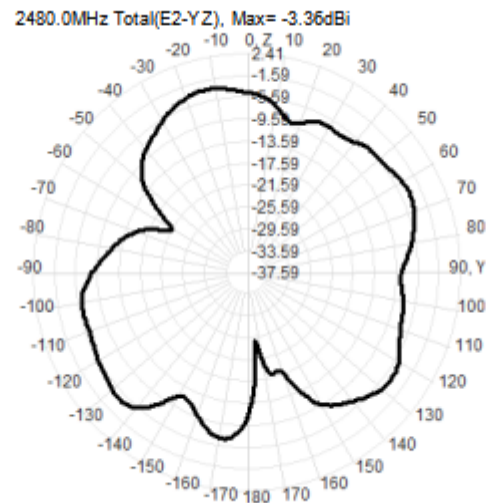
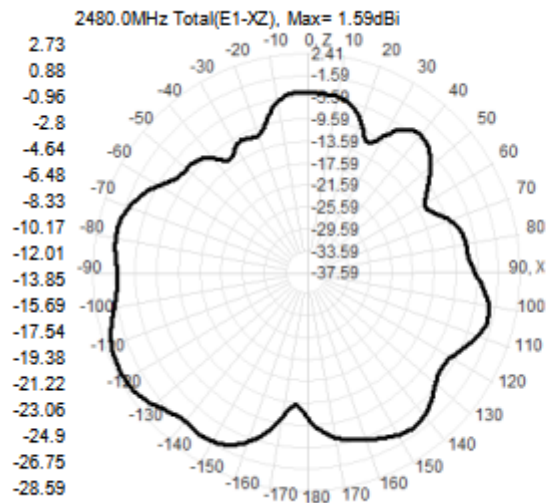
Co-cross polarization field (dBi)

Total field (dBi)

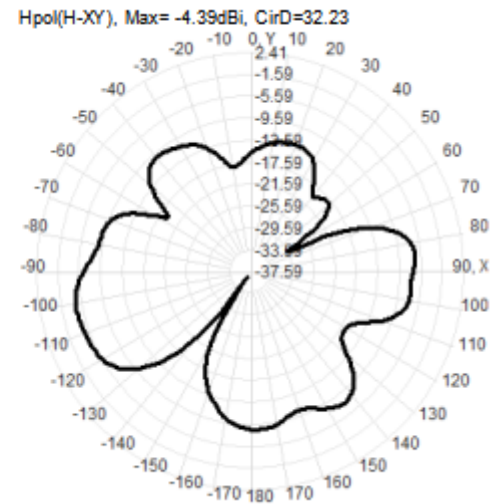
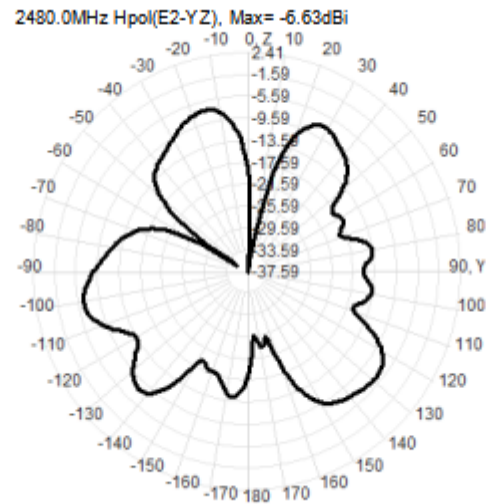
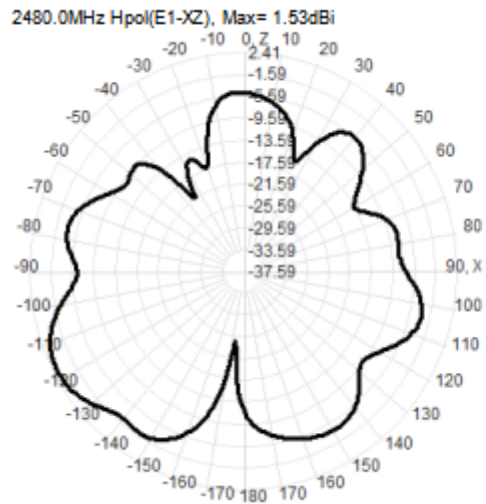
Solid line: vertical polarization

Dash line: horizontal polarization

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



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



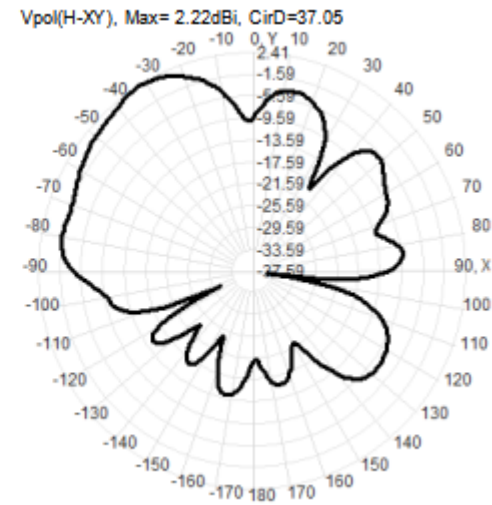
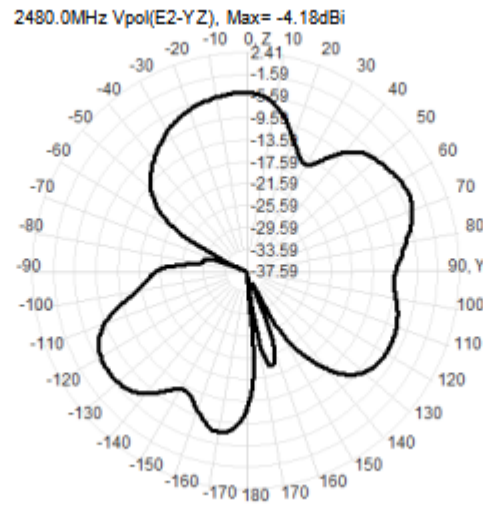
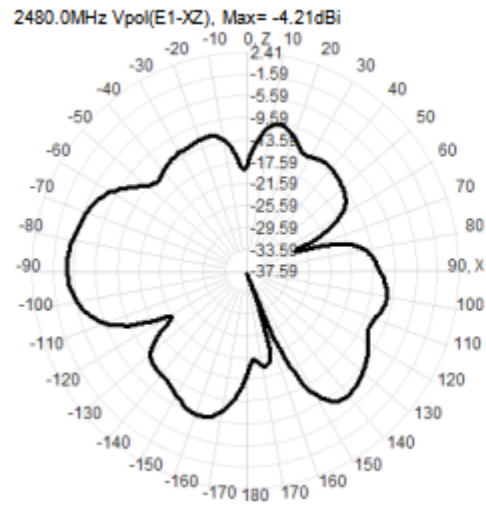
Co-cross polarization field (dBi)

Total field (dBi)

Solid line: vertical polarization

Dash line: horizontal polarization

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
