Antenna Specification

Specifications Summary

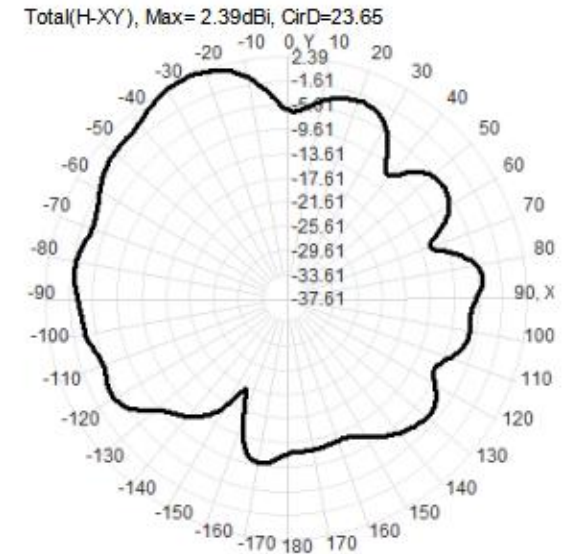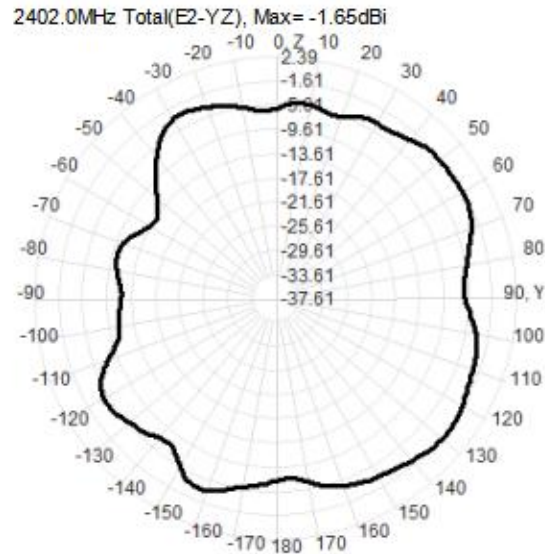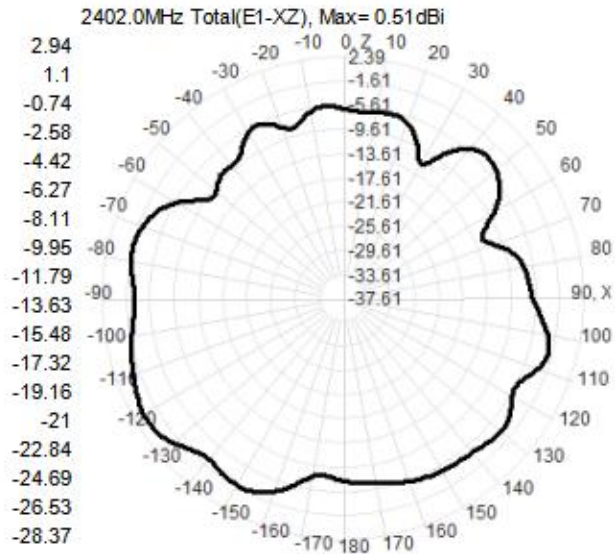| ITEM	SPEC.	
Model Name	ISM 2.4 GHz	
Center Frequency	2. 402GHz 2. 440GHz 2. 480GHz	2.94 dBi 2.76 dBi 2.73 dBi
MAX. GAIN	2.94 dBi	
Polarization	Horizontal	
Azimuth Beam Pattern	Omni- directional	
Impedance	50 Ω	
Antenna Length	41 mm	

Antenna Photo & Length

Manufacturer: MSS TECHNOLOGY CO., LIMITED
Address: 13E, Block B, Neptunus building, Nanshan district, Shenzhen, China, 518054

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

2402.0MHz Total(E1-XZ), Max= 0.51dBi

2402.0MHz Total(E2-YZ), Max= -1.65dBi

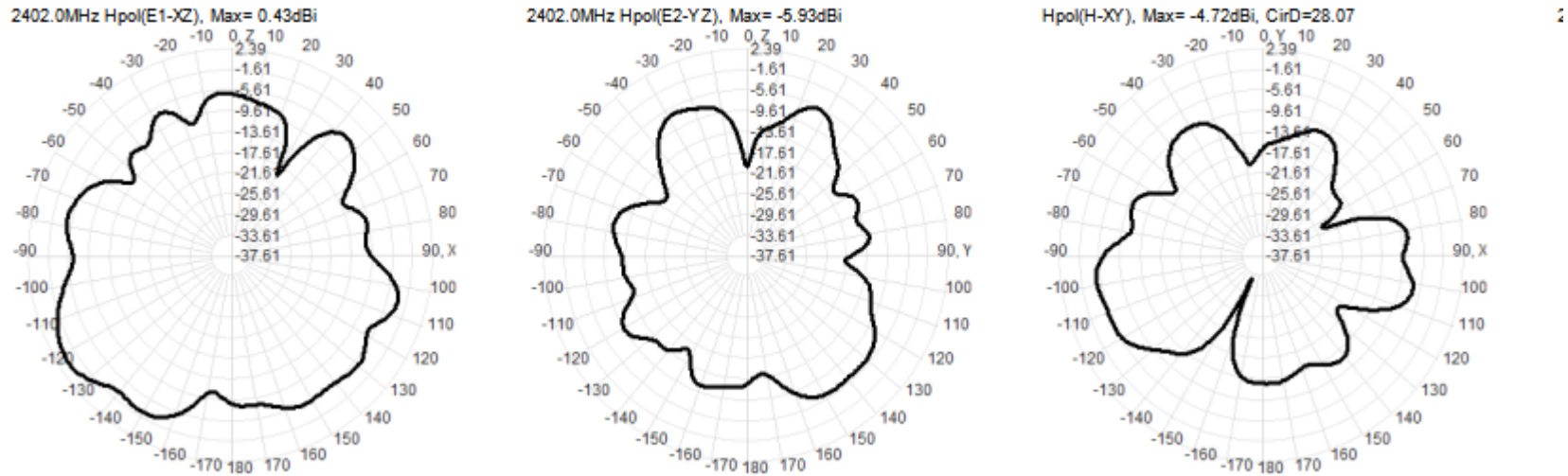Total(H-XY), Max= 2.39dBi, CirD=23.65

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 Hpol(E1-XZ), Max= 0.43dBi

2402.0MHz Hpol(E2-YZ), Max= -5.93dBi

Hpol(H-XY), Max= -4.72dBi, CirD=28.07

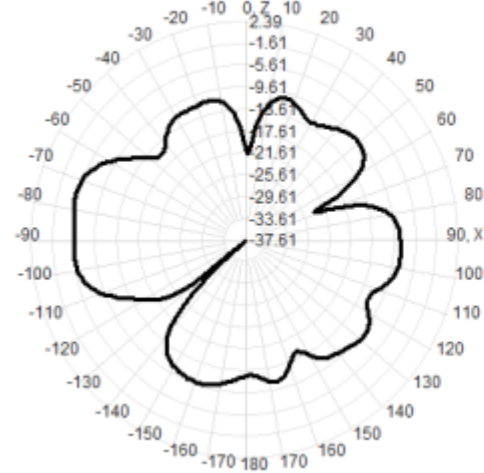Co-cross polarization field (dBi)   Total field (dBi)

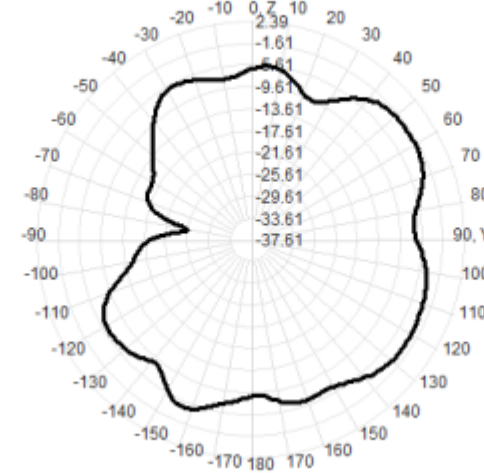Solid line: vertical polarization

Dash line: horizontal polarization

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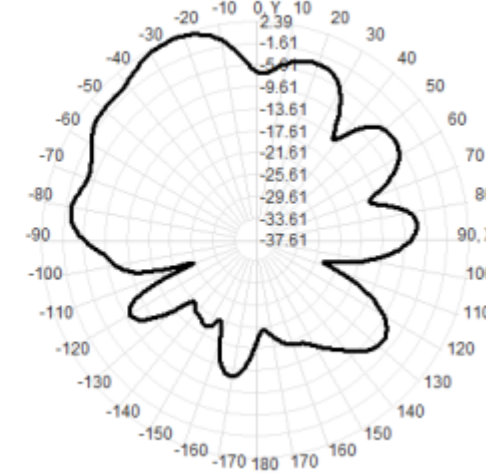# Radiation pattern: Antenna 1 . XZ Plane at f = 2 .402GHz

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

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

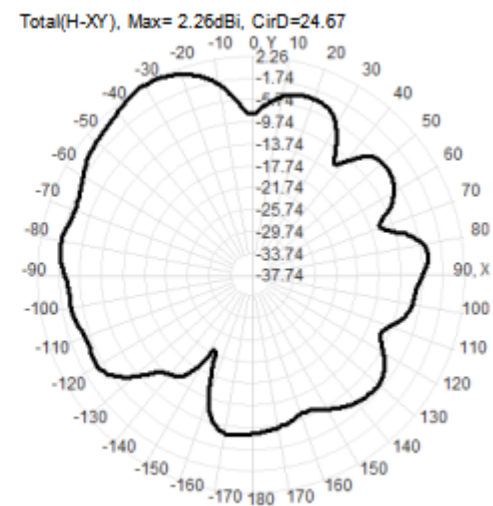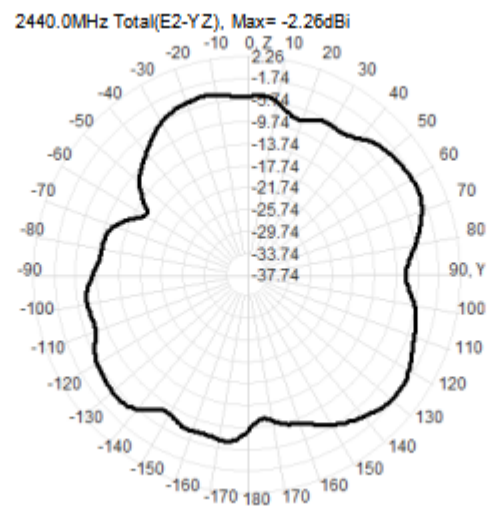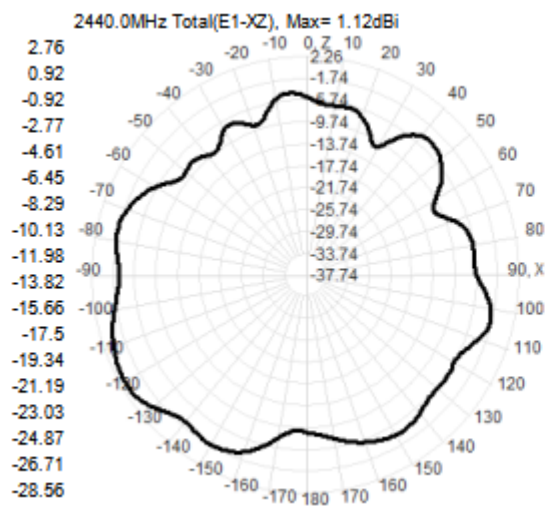Vpol(H-XY), Max= 2.12dBi, CirD=27.51

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 .440GHz

2440.0MHz Total(E1-XZ), Max= 1.12dBi   **2440.0MHz Total(E2-YZ), Max= -2.26dBi**   **Total(H-XY), Max= 2.26dBi, CirD=24.67**

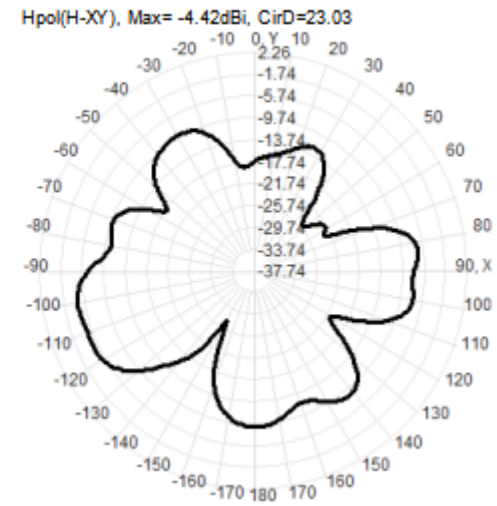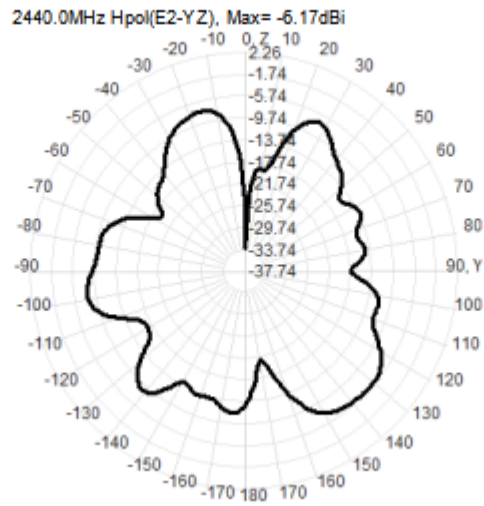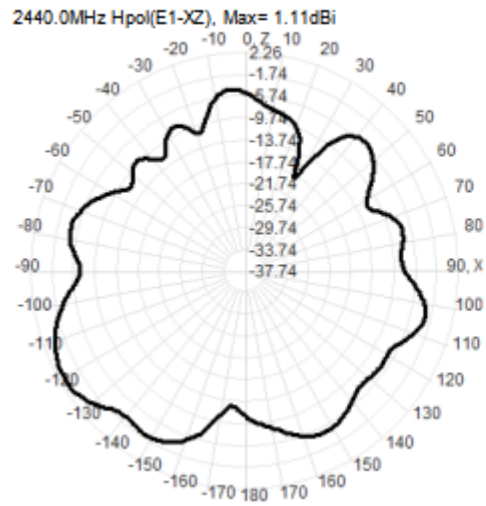Co-cross polarization field (dBi)   Total field (dBi)

Solid line: vertical polarization

Dash line: horizontal polarization

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

2440.0MHz Hpol(E1-XZ), Max= 1.11dBi

2440.0MHz Hpol(E2-YZ), Max= -6.17dBi

Hpol(H-XY), Max= -4.42dBi, CirD=23.03
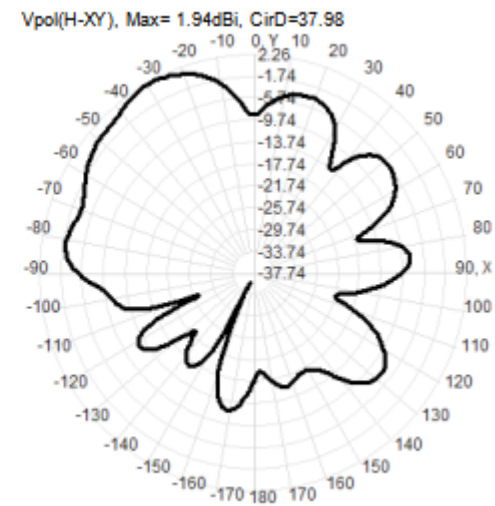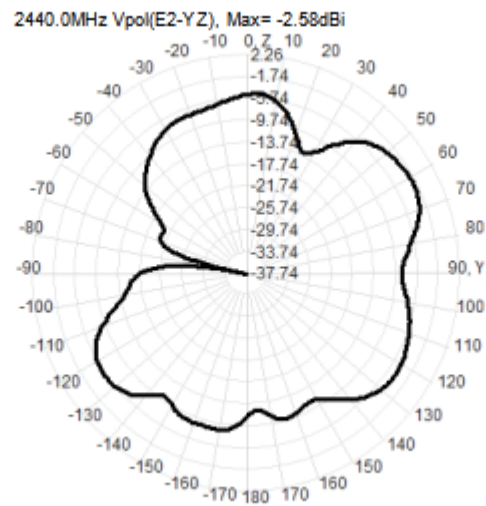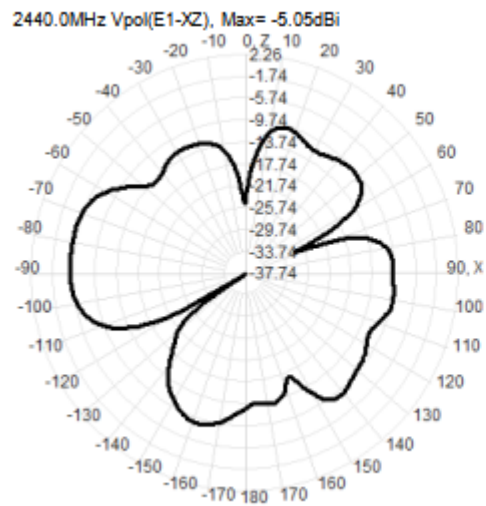
Co-cross polarization field (dBi)   Total field (dBi)

Solid line: vertical polarization
Dash line: horizontal polarization

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

2440.0MHz Vpol(E1-XZ), Max= -5.05dBi

2440.0MHz Vpol(E2-YZ), Max= -2.58dBi

Vpol(H-XY), Max= 1.94dBi, CirD=37.98

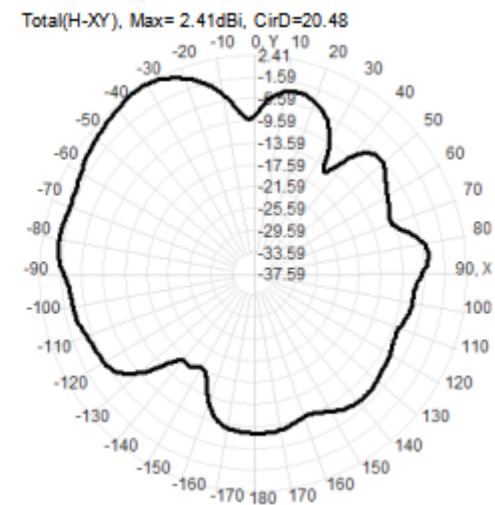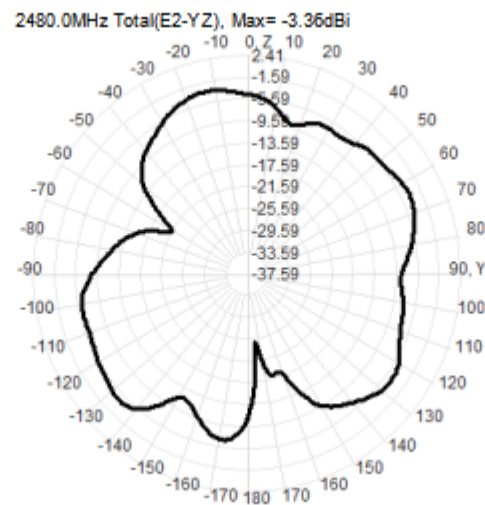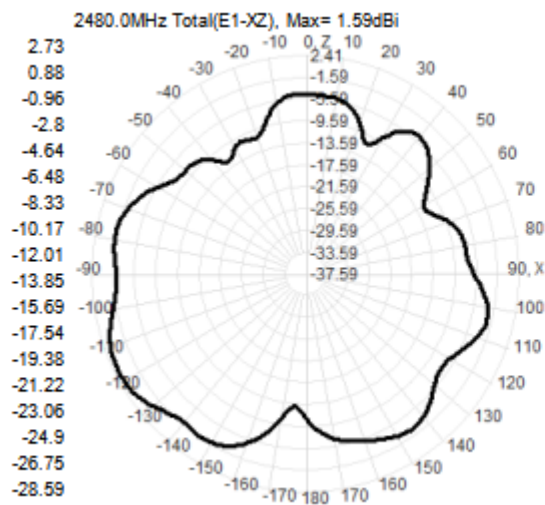Co-cross polarization field (dBi)   Total field (dBi)

Solid line: vertical polarization

Dash line: horizontal polarization

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

2480.0MHz Total(E1-XZ), Max= 1.59dBi   2480.0MHz Total(E2-YZ), Max= -3.36dBi   Total(H-XY), Max= 2.41dBi, CirD=20.48
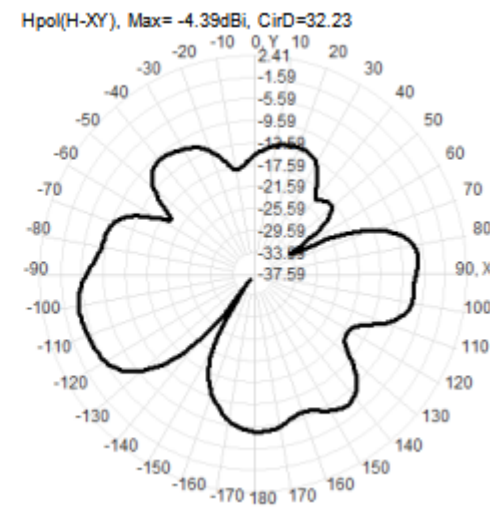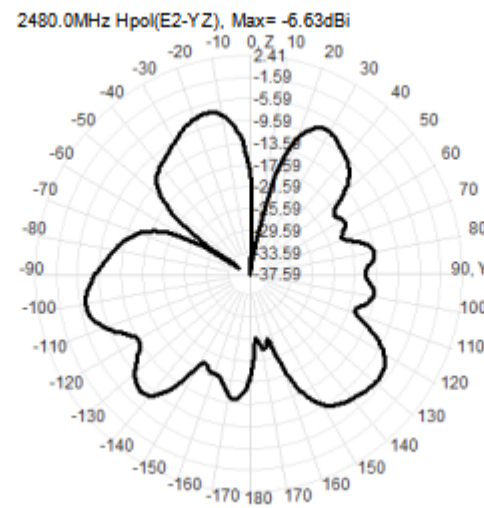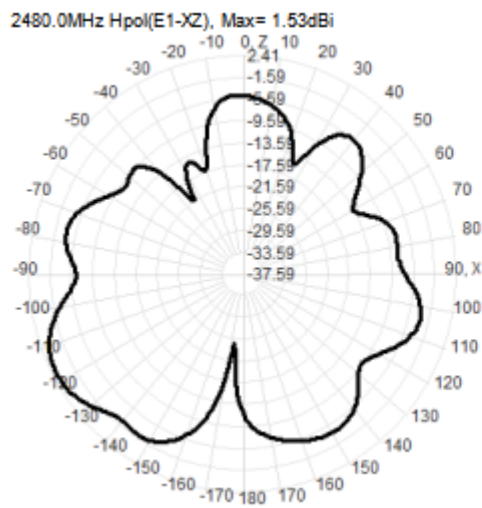
Co-cross polarization field (dBi)   Total field (dBi)

Solid line: vertical polarization

Dash line: horizontal polarization

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

2480.0MHz Hpol(E1-XZ), Max= 1.53dBi

2480.0MHz Hpol(E2-YZ), Max= -6.63dBi

Hpol(H-XY), Max= -4.39dBi, CirD=32.23

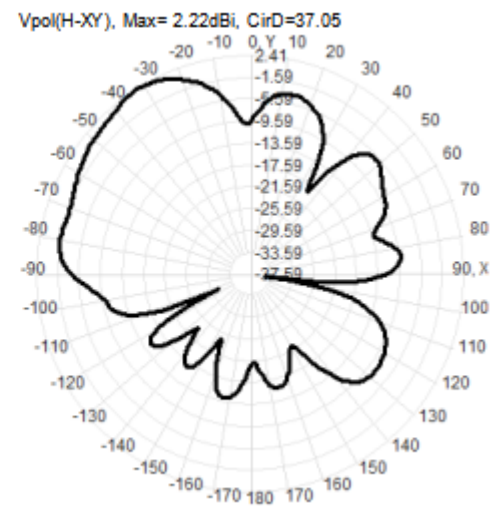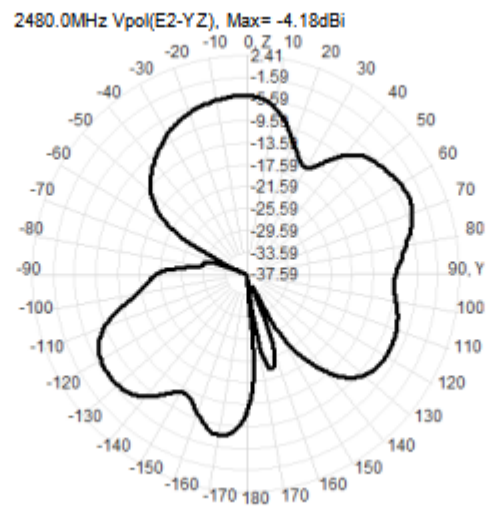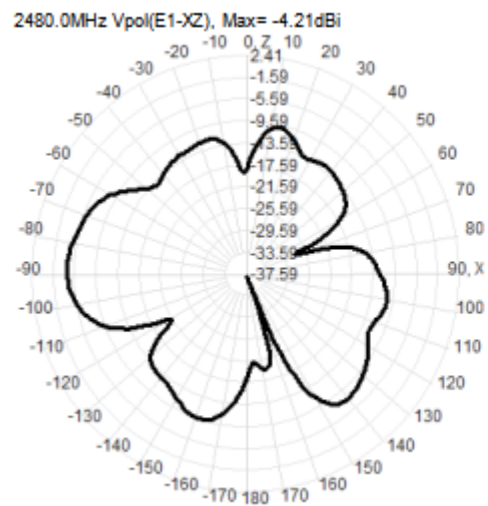Co-cross polarization field (dBi)   Total field (dBi)

Solid line: vertical polarization

Dash line: horizontal polarization

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

Co-cross polarization field (dBi)   Total field (dBi)

Solid line: vertical polarization
Dash line: horizontal polarization

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