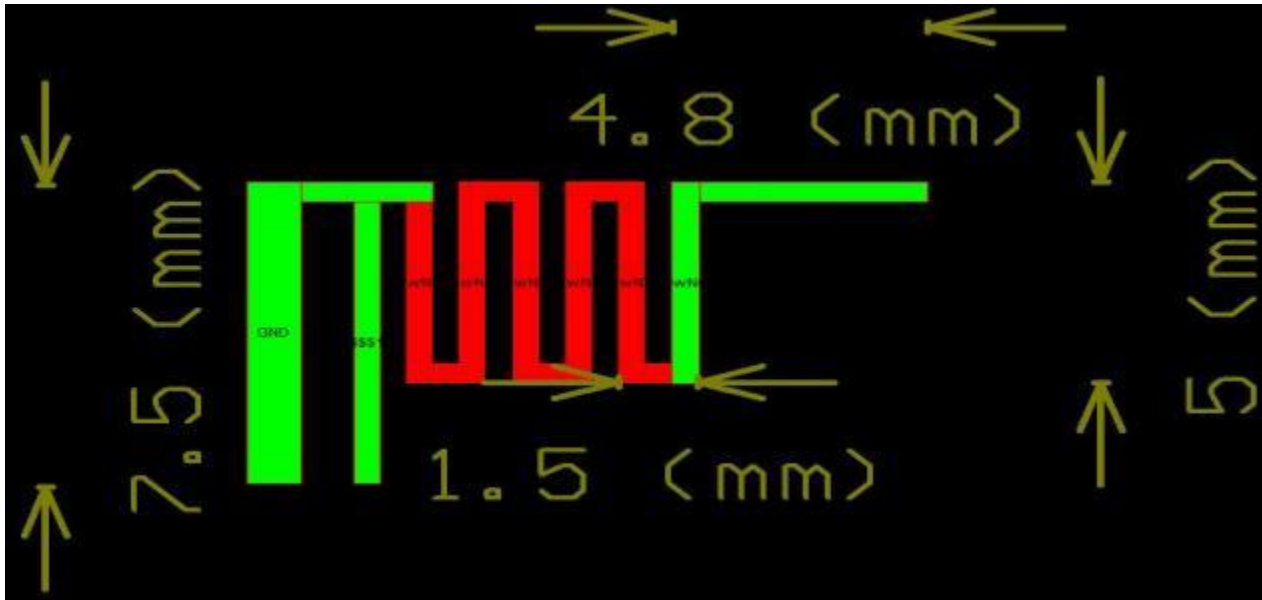


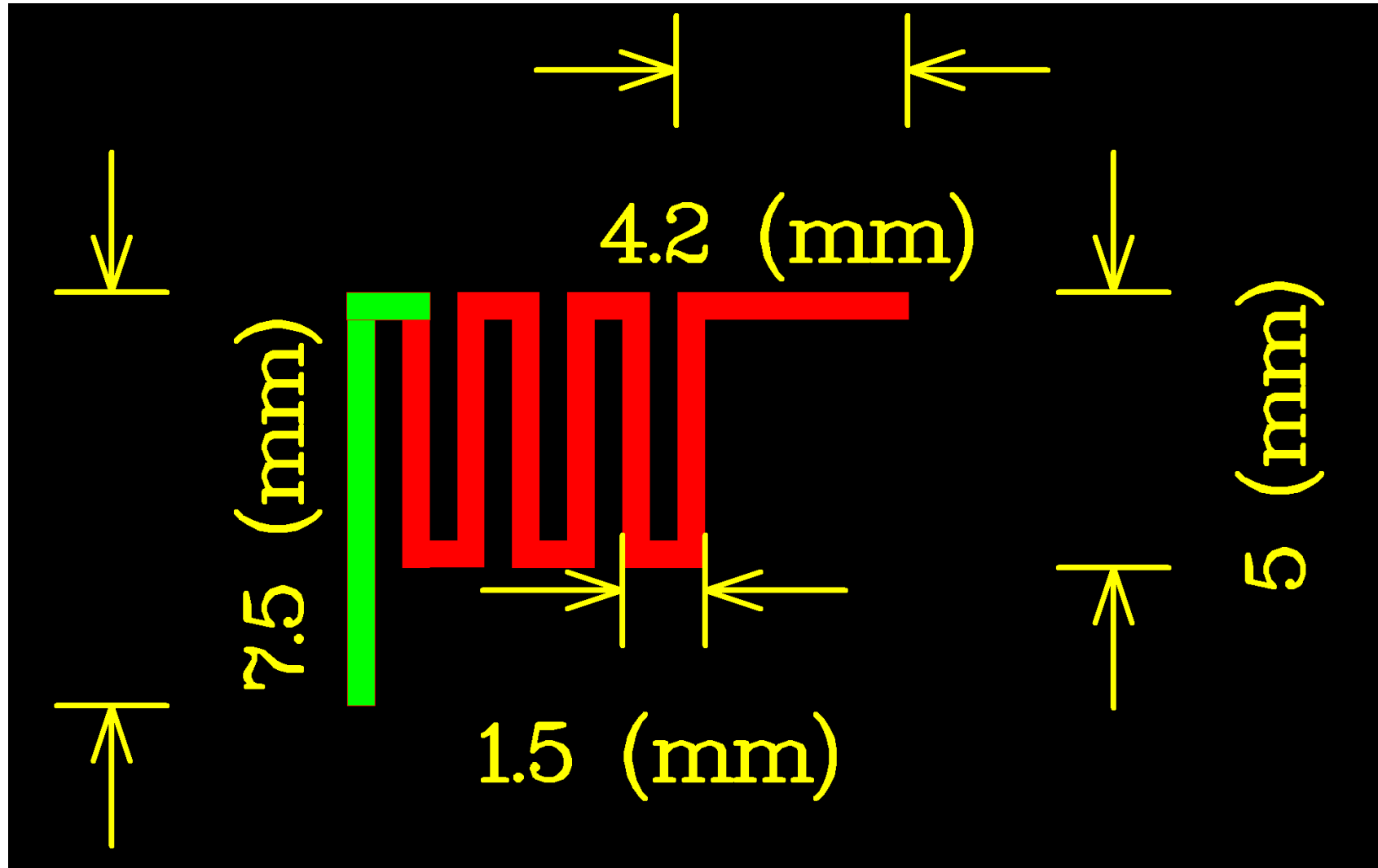
# Antenna Specification

## Specifications Summary

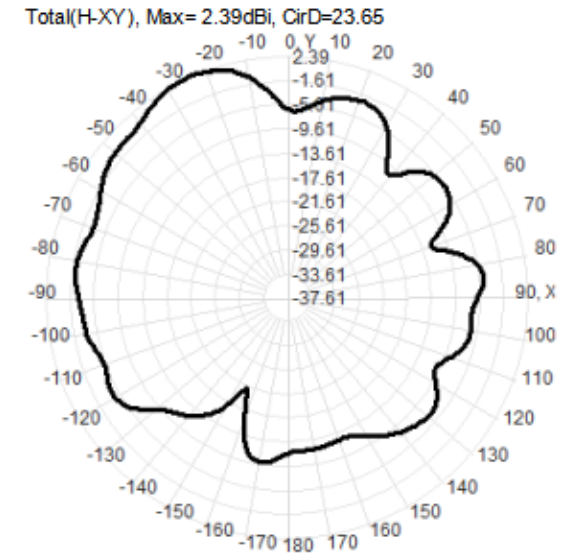
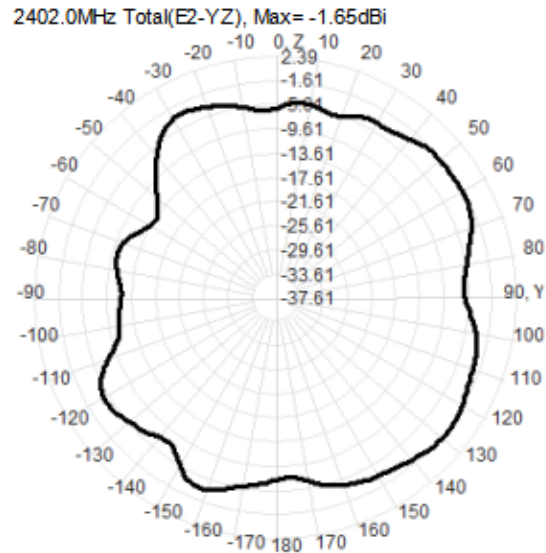
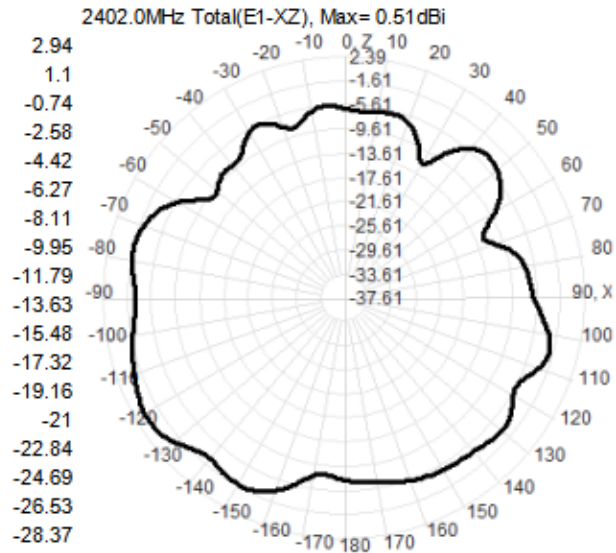
| ITEM                 | SPEC.            |          |
|----------------------|------------------|----------|
| Model Name           | ISM 2.4 GHz      |          |
| Center Frequency     | 2.402GHz         | 2.94 dBi |
|                      | 2.440GHz         | 2.76 dBi |
|                      | 2.480GHz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

## Antenna Photo & Length





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



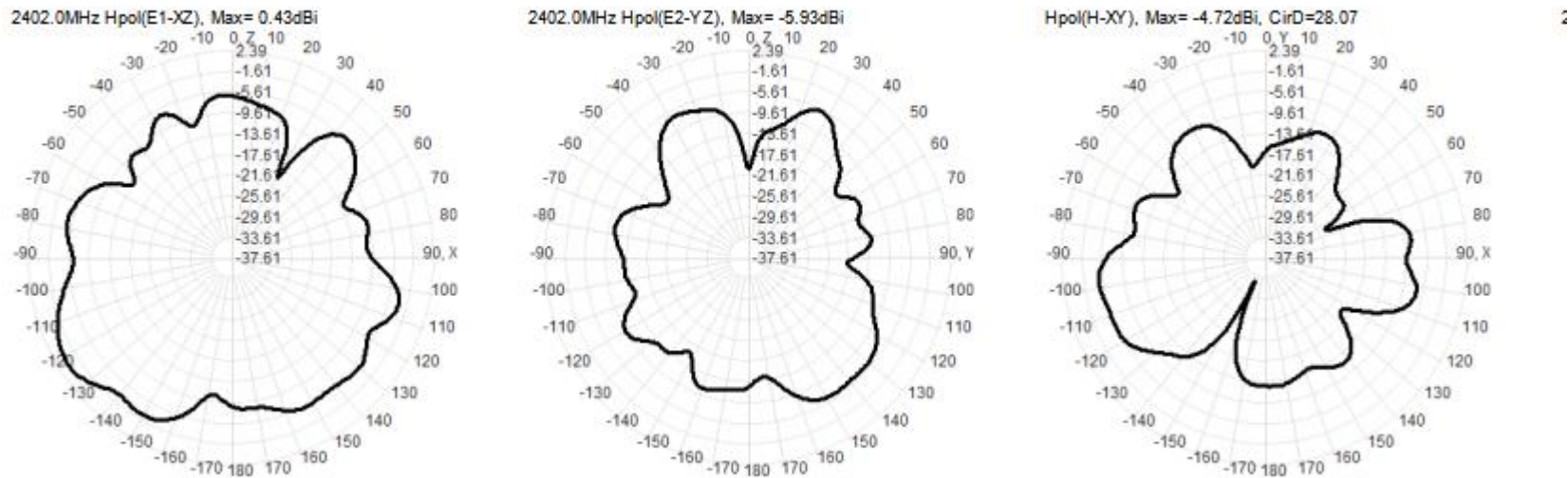
Co-cross polarization field (dBi)

Total field (dBi)

Solid line: vertical polarization

Dash line: horizontal polarization

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



Co-cross polarization field (dBi)

Total field (dBi)

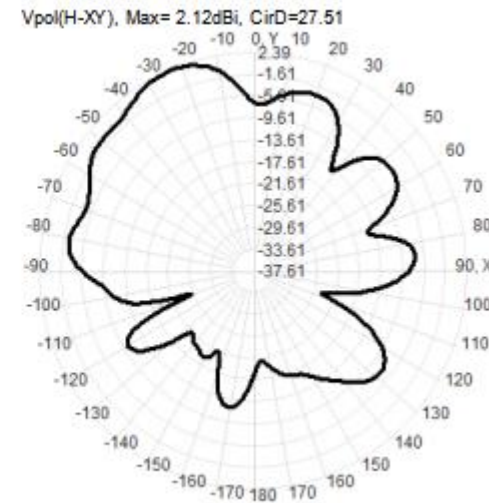
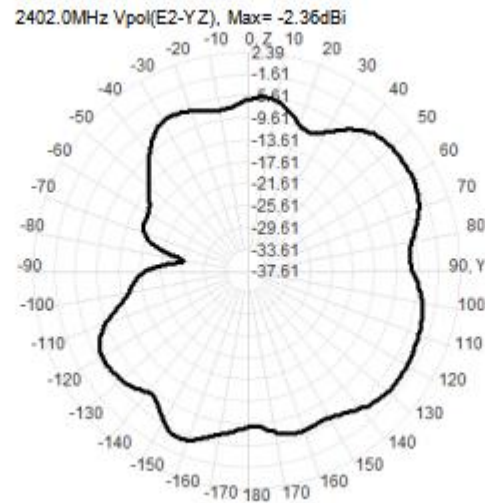
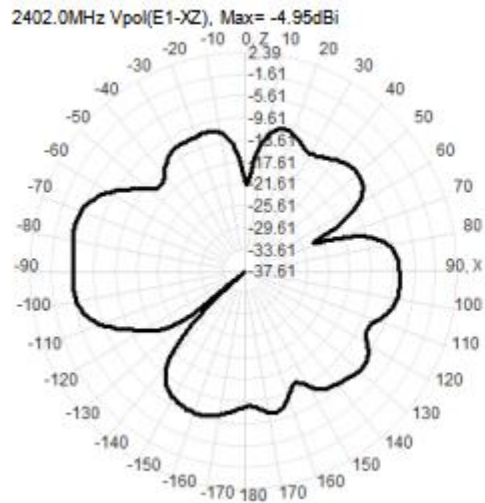
Solid line: vertical polarization

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)

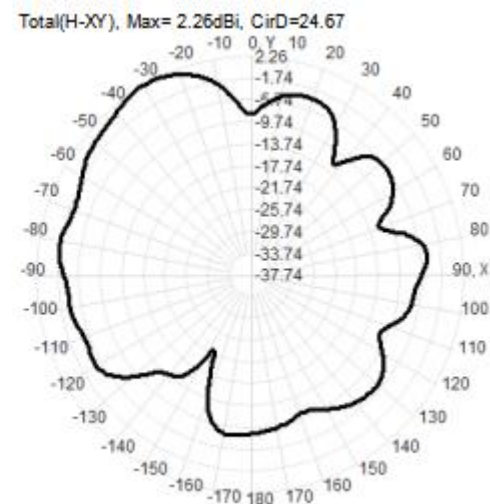
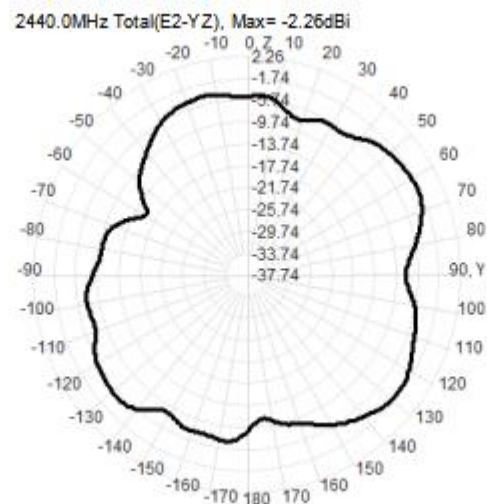
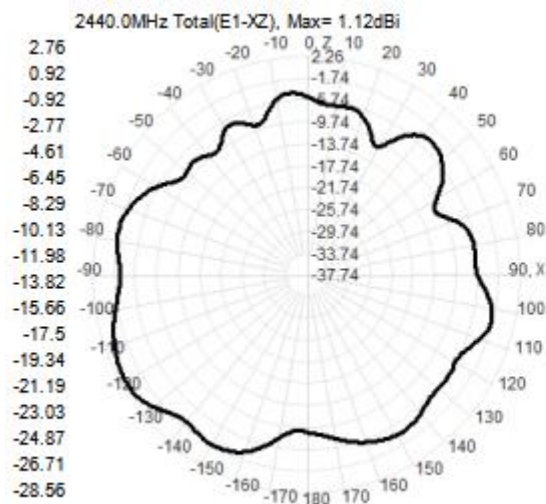
Solid line: vertical polarization

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)

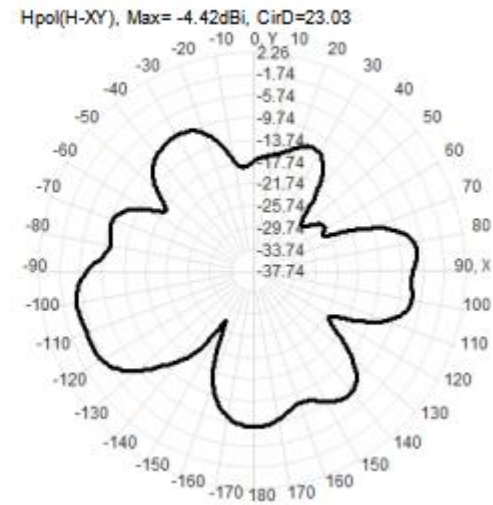
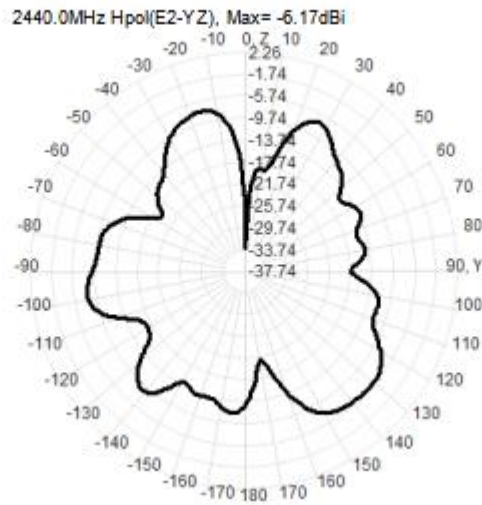
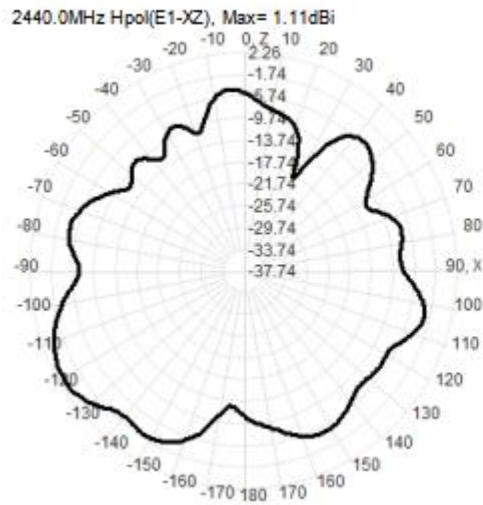
Solid line: vertical polarization

Dash line: horizontal polarization

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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

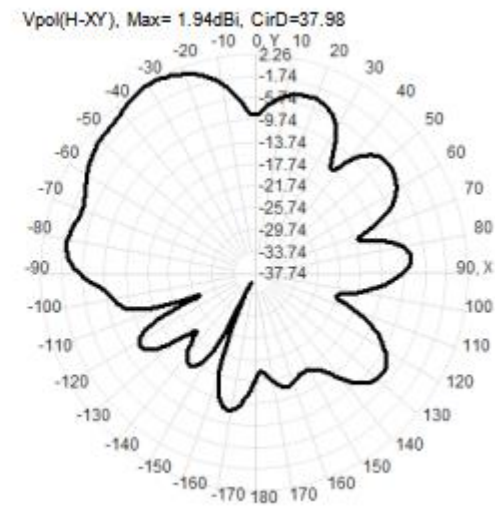
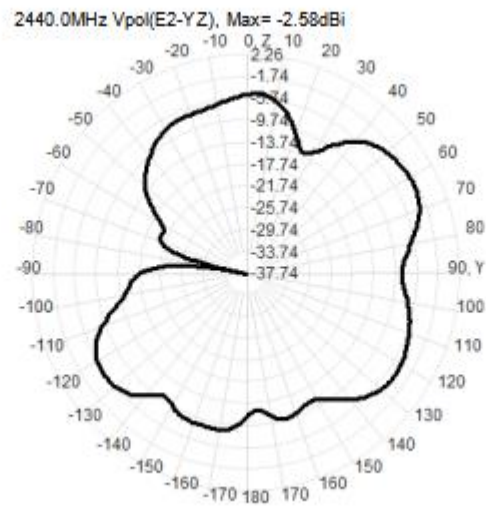
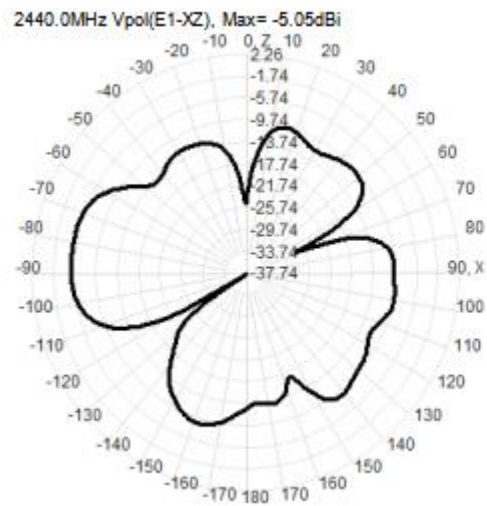
Dash line: horizontal polarization

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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

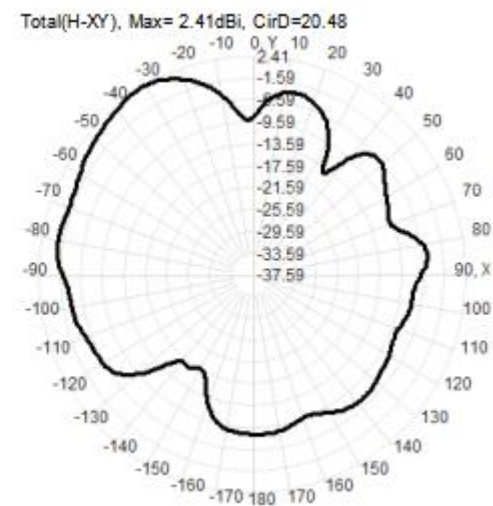
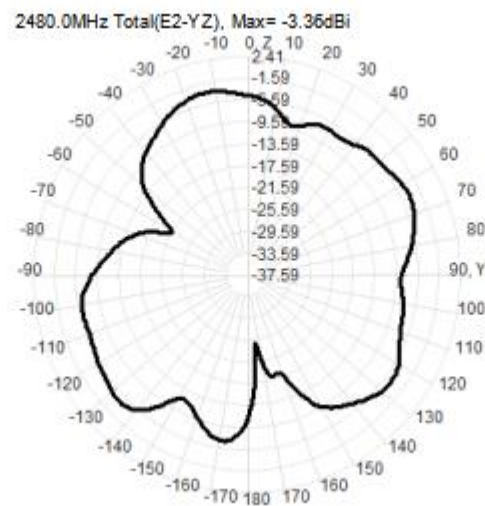
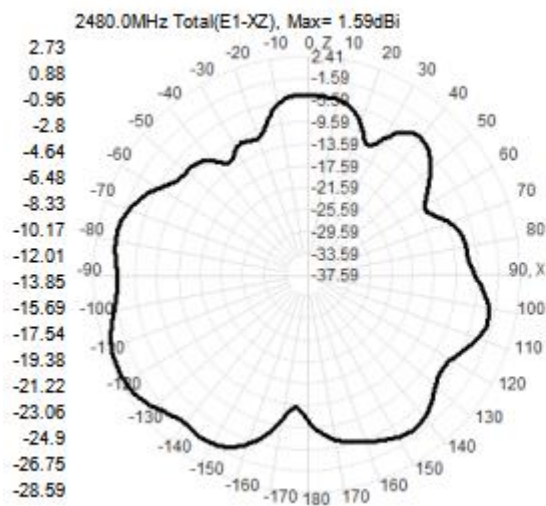
Dash line: horizontal polarization

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





Co-cross polarization field (dBi)

Total field (dBi)

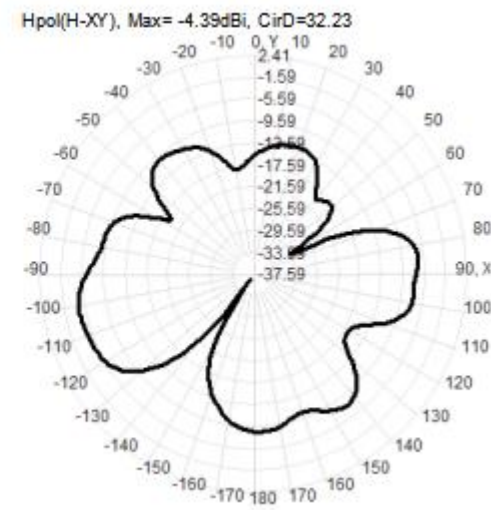
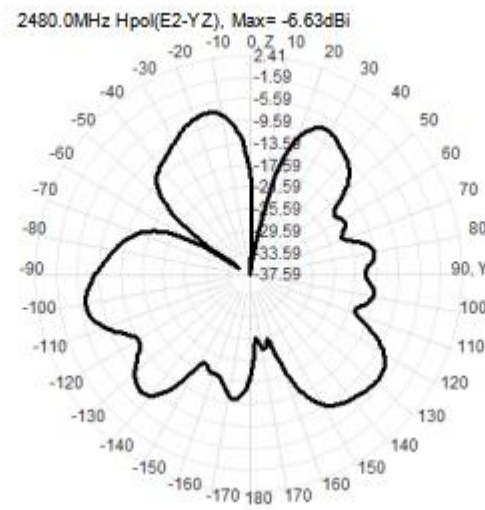
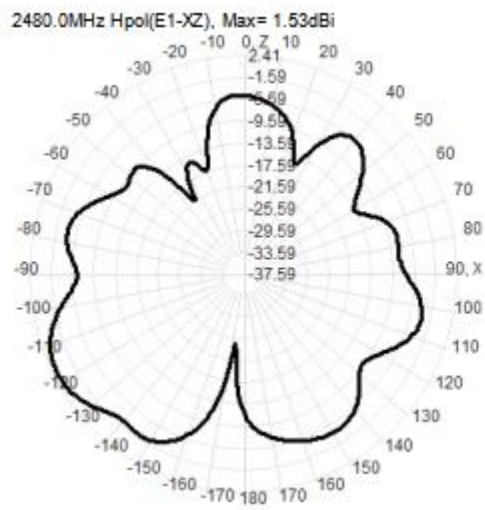
Solid line: vertical polarization

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)

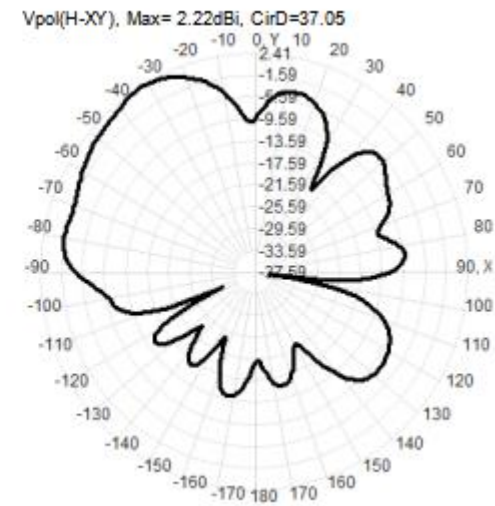
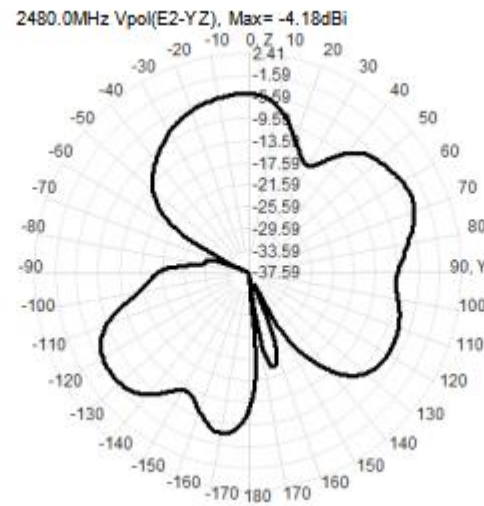
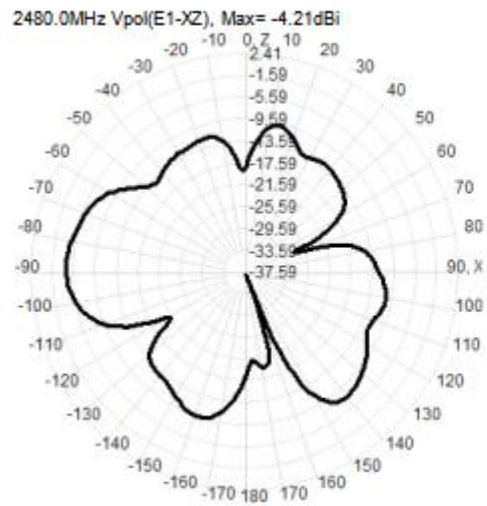
Solid line: vertical polarization

Dash line: horizontal polarization

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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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