

# Lizard Bluetooth antenna datasheet

## Receiver: SGS

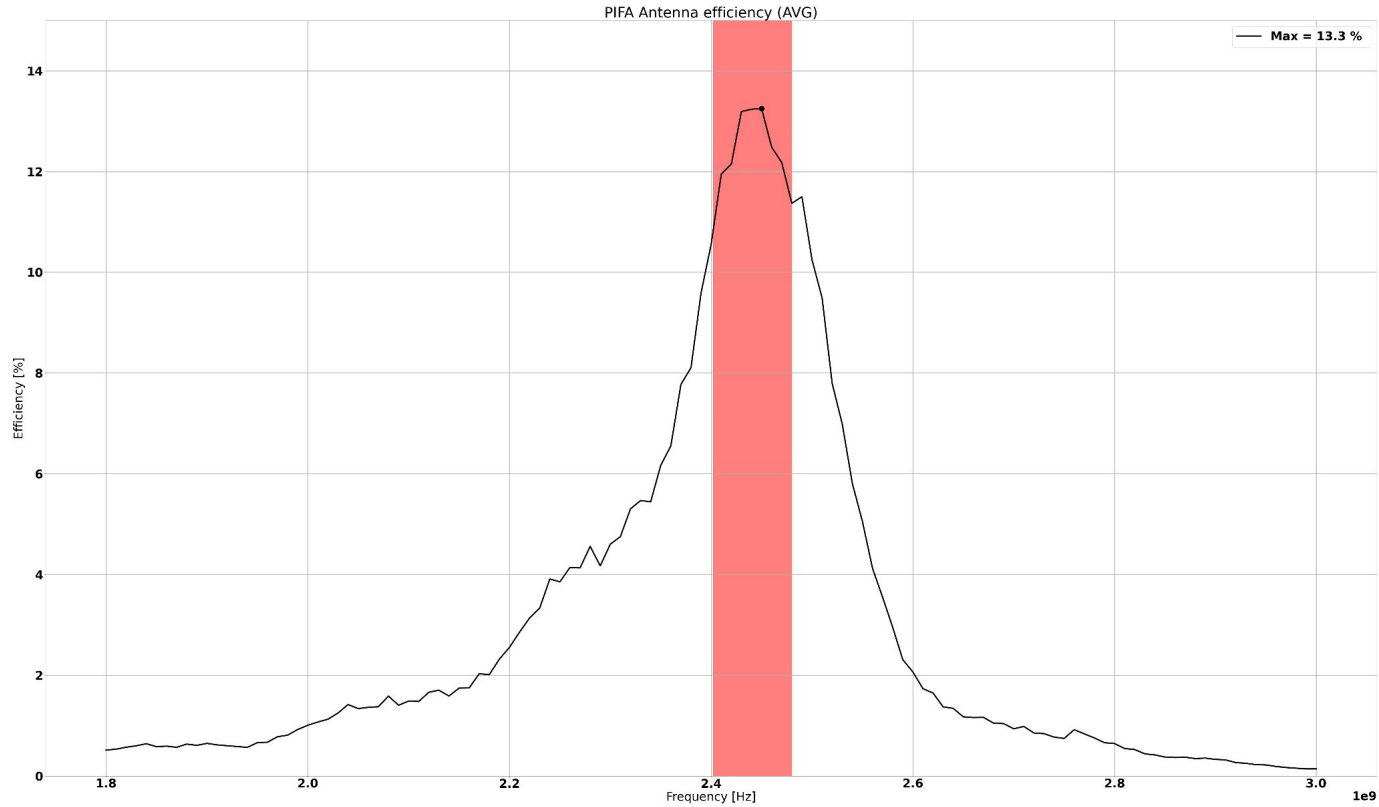
Measurement from: Sunway Communications AB

Rev: 3

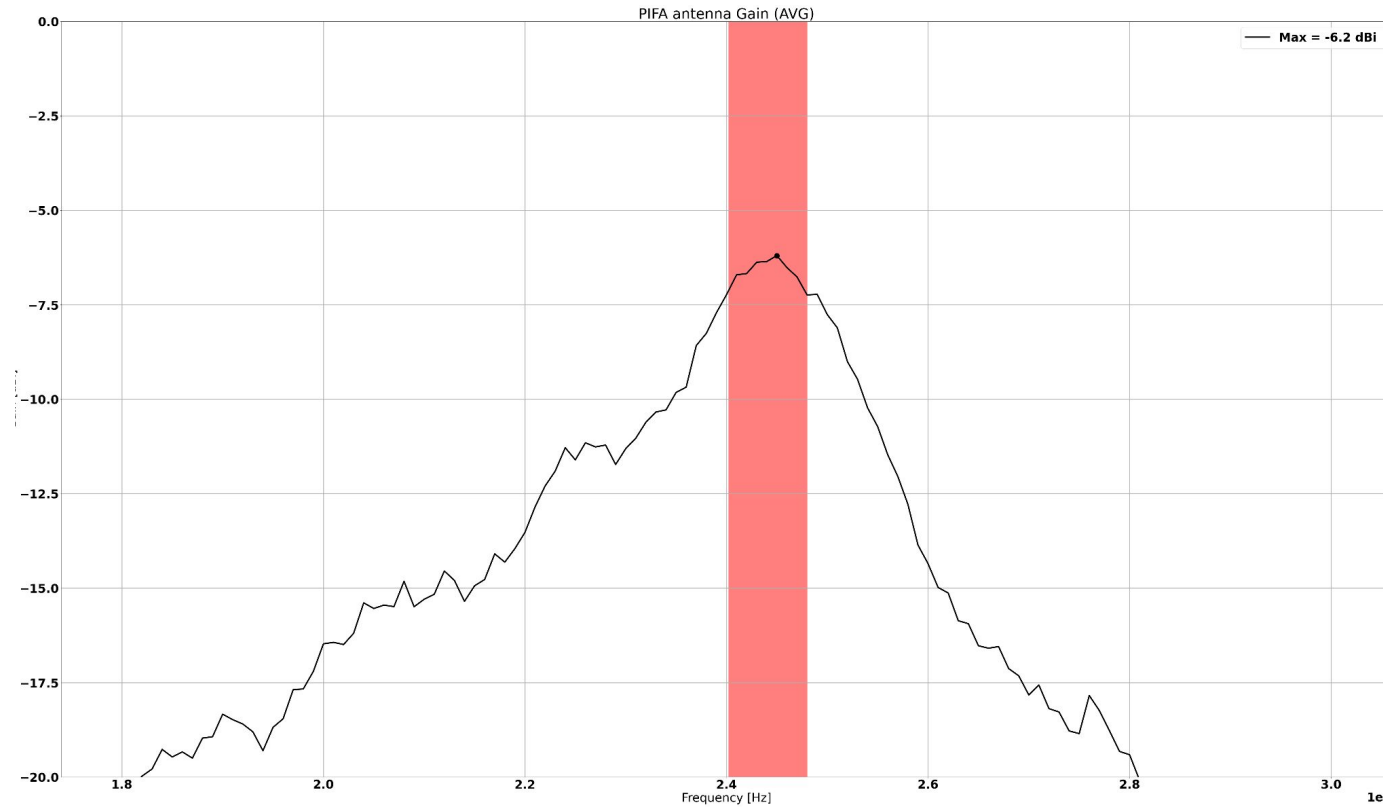
# PIFA - location

Please refer to the external photo

# PIFA - Efficiency ( 3D average) = 13.3%

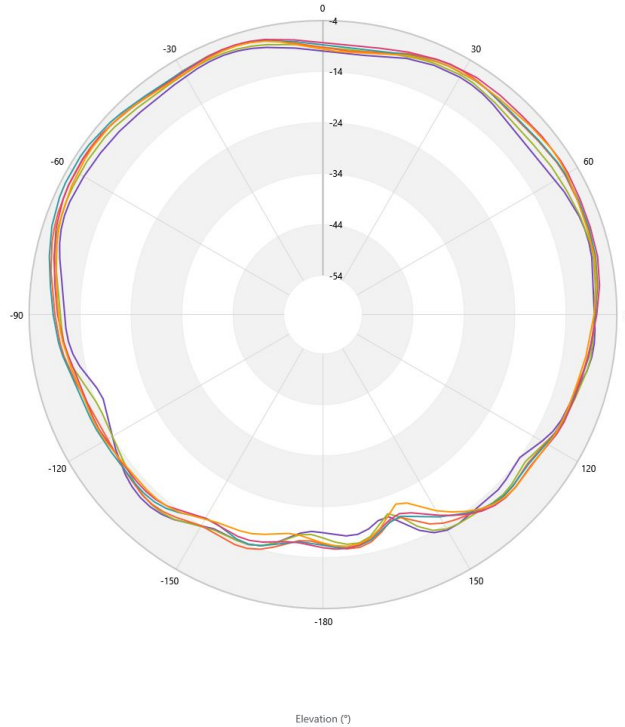


# PIFA - Gain (3D max) = -6.2dBi



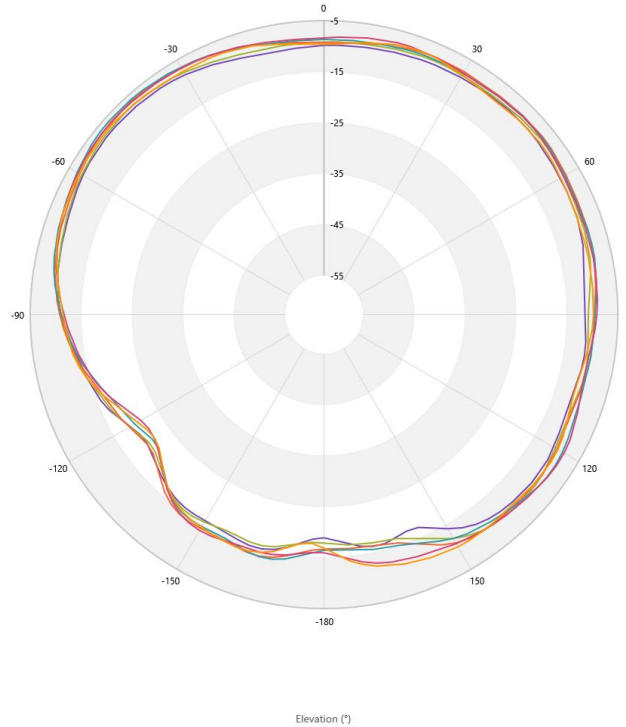
# PIFA - Radiation pattern phi 0°

- 0° 2400.00 MHz ETotal
- 0° 2420.00 MHz ETotal
- 0° 2440.00 MHz ETotal
- 0° 2460.00 MHz ETotal
- 0° 2480.00 MHz ETotal
- 0° 2500.00 MHz ETotal



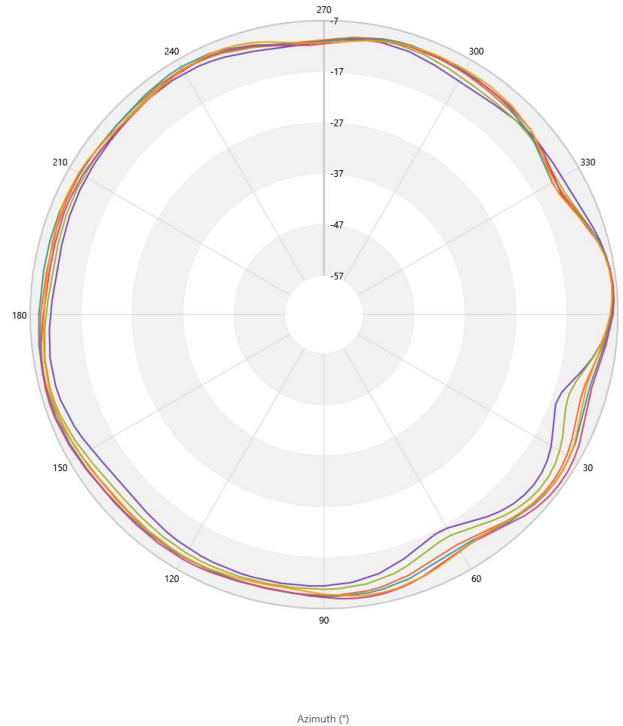
# PIFA - Radiation pattern phi 90°

- 90° 2400.00 MHz ETotal
- 90° 2420.00 MHz ETotal
- 90° 2440.00 MHz ETotal
- 90° 2460.00 MHz ETotal
- 90° 2480.00 MHz ETotal
- 90° 2500.00 MHz ETotal

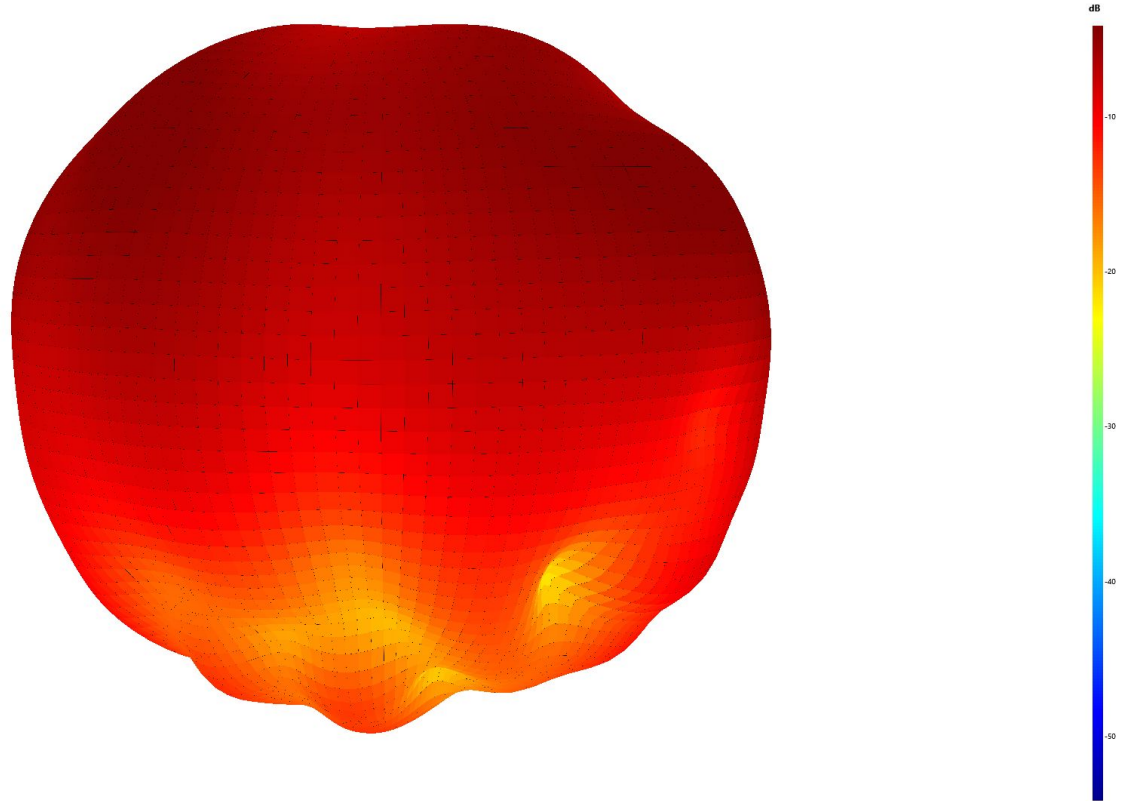


# PIFA - Radiation pattern theta 90°

- 90° 2400.00 MHz ETotal
- 90° 2420.00 MHz ETotal
- 90° 2440.00 MHz ETotal
- 90° 2460.00 MHz ETotal
- 90° 2480.00 MHz ETotal
- 90° 2500.00 MHz ETotal



# PIFA - Radiation pattern 3D

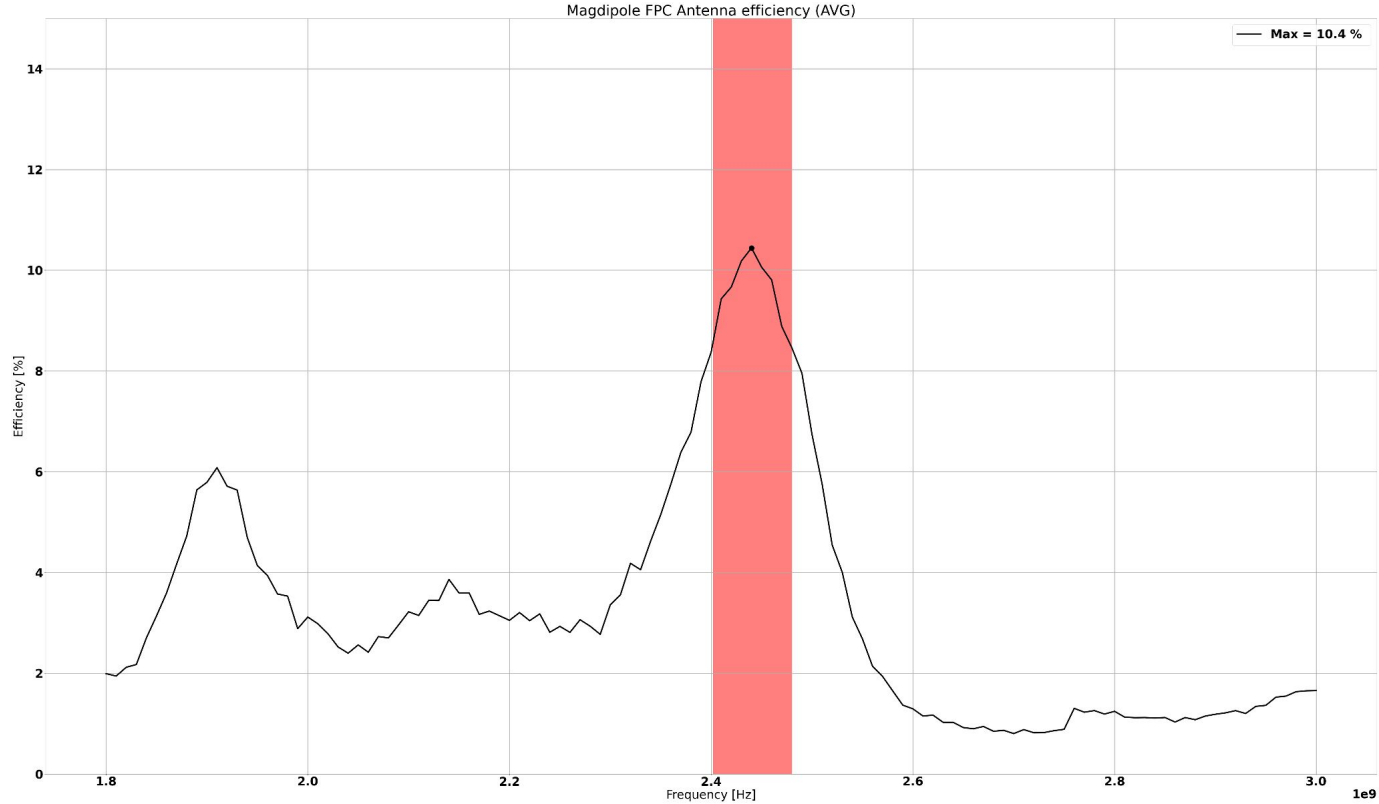




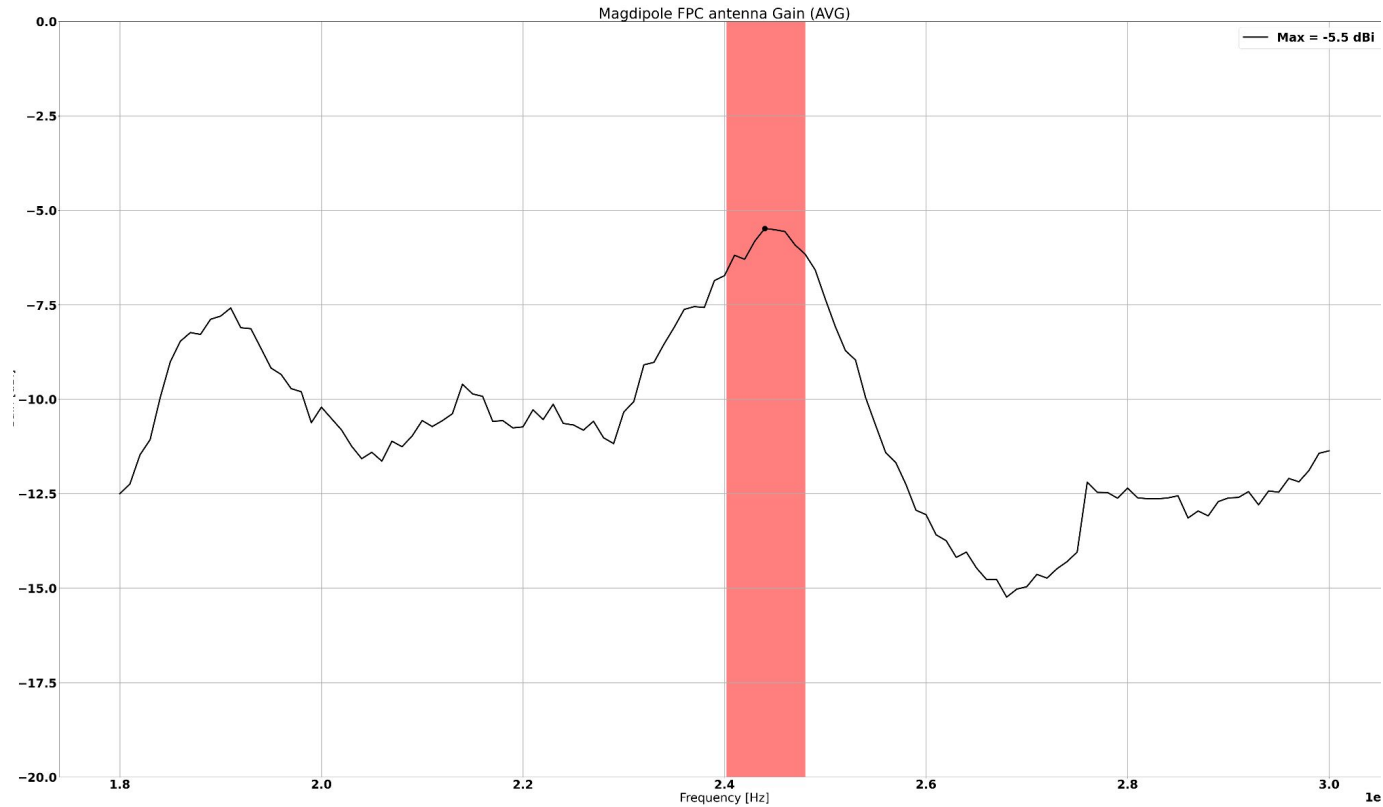
# Magdipole FPC - location

Please refer to the external photo

# Magdipole FPC - Efficiency ( 3D average) = 10.4%

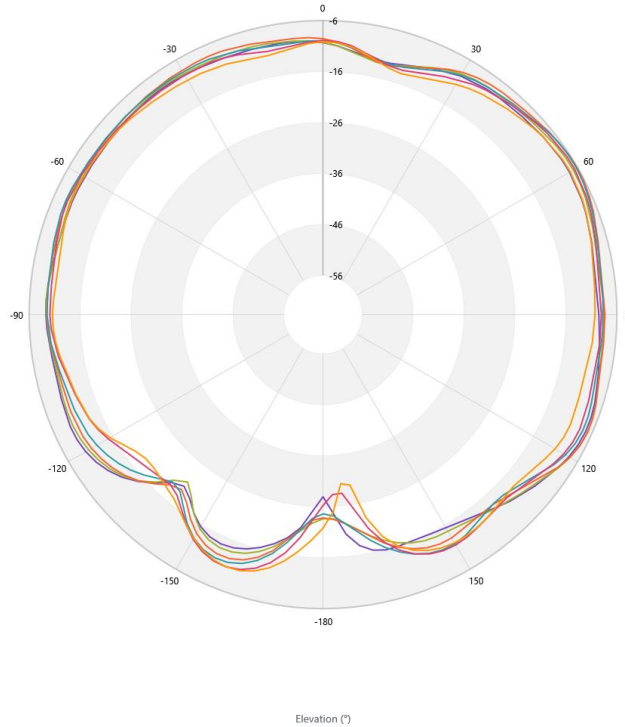


# Magdipole FPC - Gain ( 3D max) = -5.5 dBi



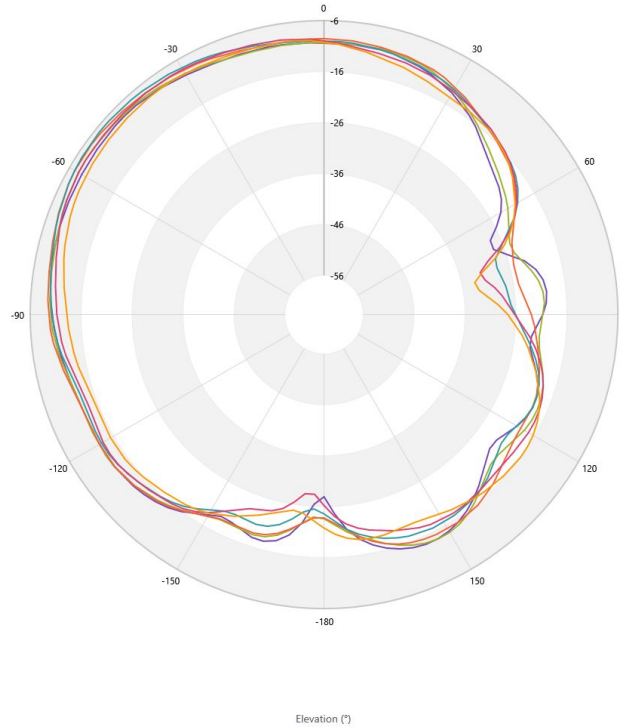
# Magdipole FPC - Radiation pattern phi 0°

- 0° 2400.00 MHz ETotal
- 0° 2420.00 MHz ETotal
- 0° 2440.00 MHz ETotal
- 0° 2460.00 MHz ETotal
- 0° 2480.00 MHz ETotal
- 0° 2500.00 MHz ETotal



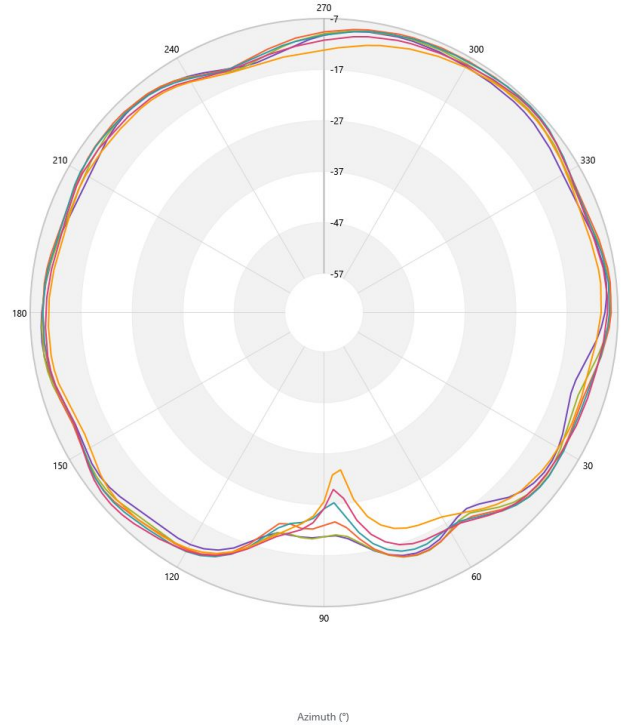
# Magdipole FPC - Radiation pattern phi 90°

- 90° 2400.00 MHz ETotal
- 90° 2420.00 MHz ETotal
- 90° 2440.00 MHz ETotal
- 90° 2460.00 MHz ETotal
- 90° 2480.00 MHz ETotal
- 90° 2500.00 MHz ETotal



# Magdipole FPC - Radiation pattern theta 90°

- 90° 2400.00 MHz ETotal
- 90° 2420.00 MHz ETotal
- 90° 2440.00 MHz ETotal
- 90° 2460.00 MHz ETotal
- 90° 2480.00 MHz ETotal
- 90° 2500.00 MHz ETotal



# Magdipole FPC - Radiation pattern 3D

