

Lizard Bluetooth antenna datasheet

Receiver: SGS

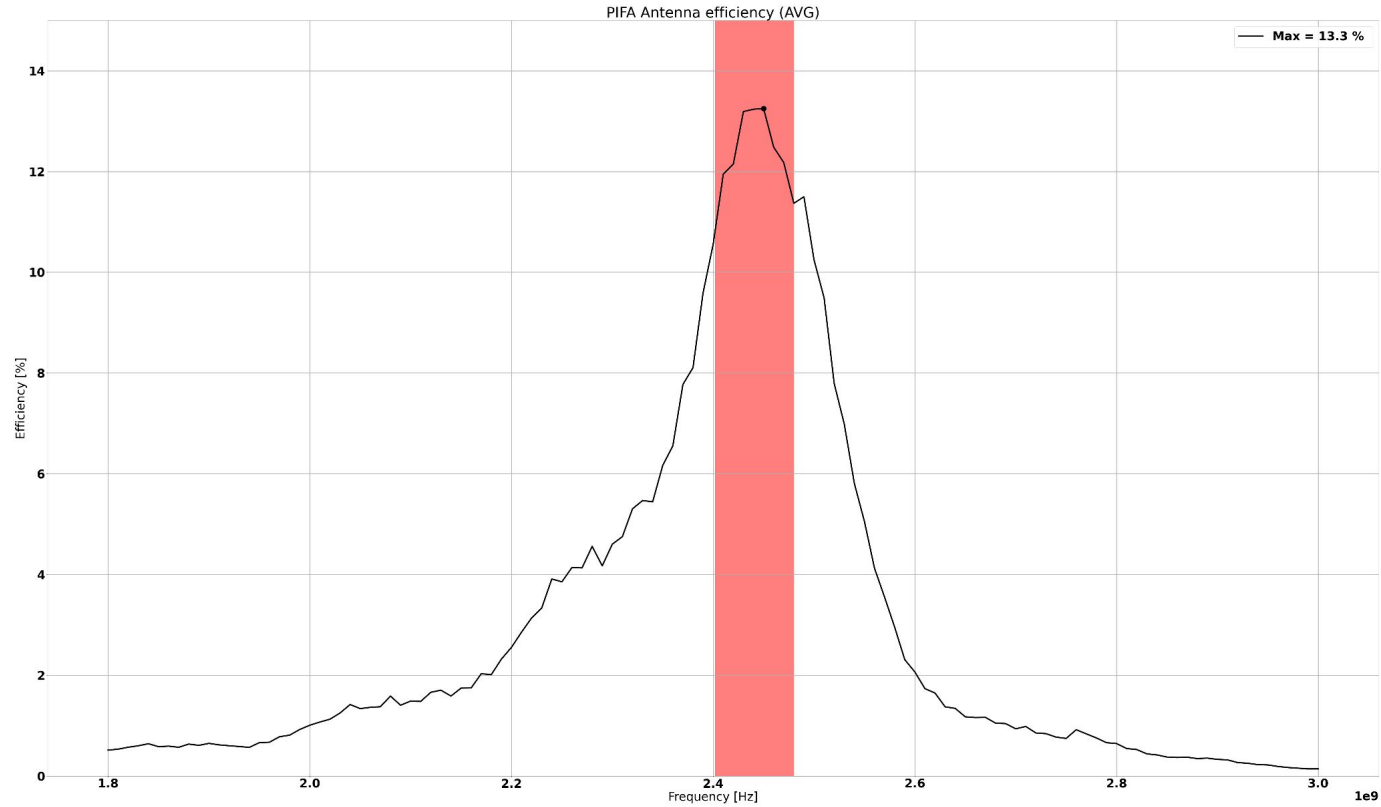
Measurement from: Sunway Communications AB

Rev: 3

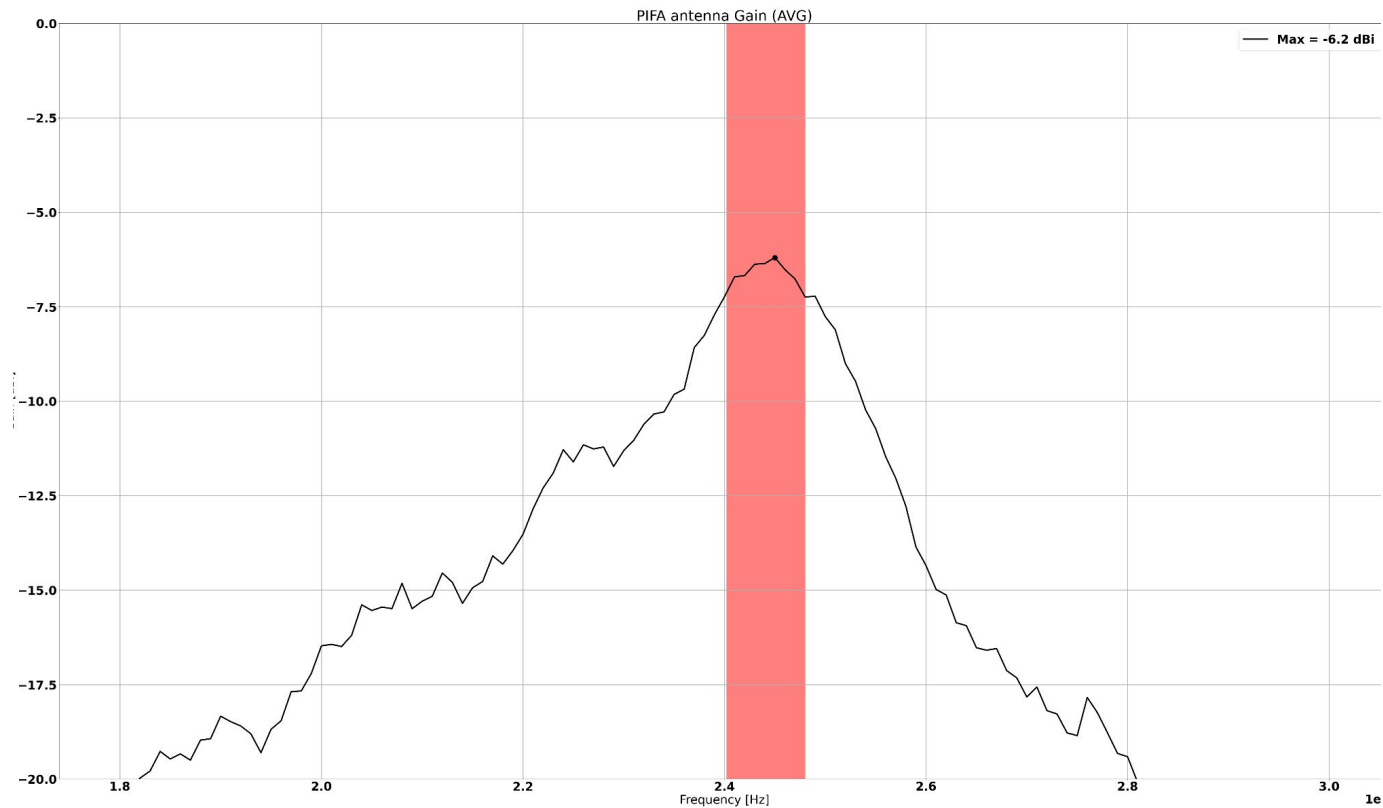
PIFA - location

Please refer to the external photo

PIFA - Efficiency (3D average) = 13.3%

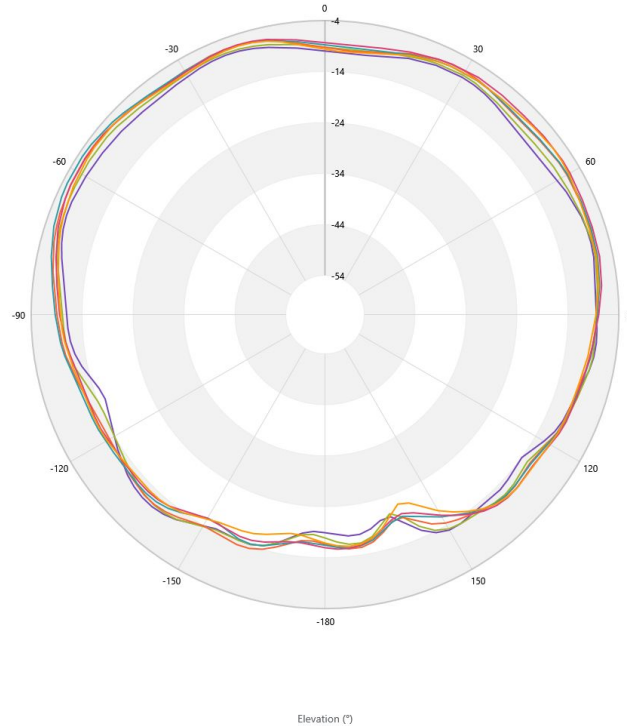


PIFA - Gain (3D max) = -6.2dBi



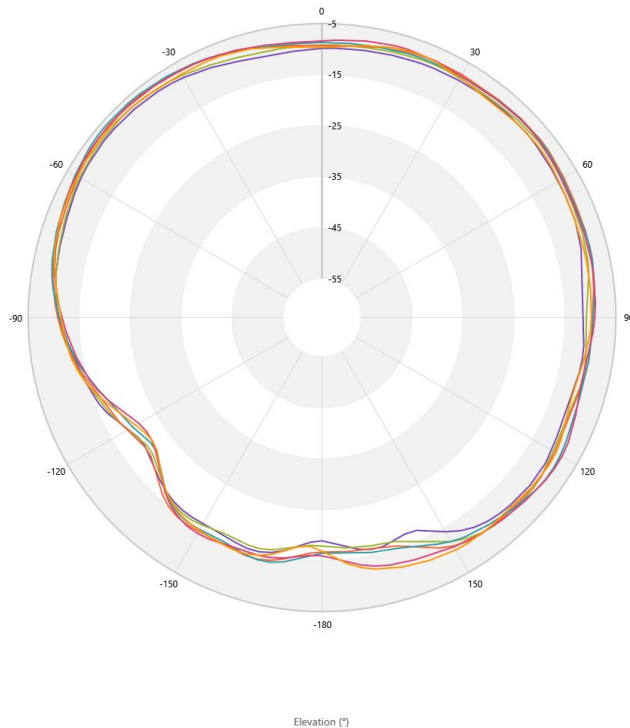
PIFA - Radiation pattern phi 0°

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



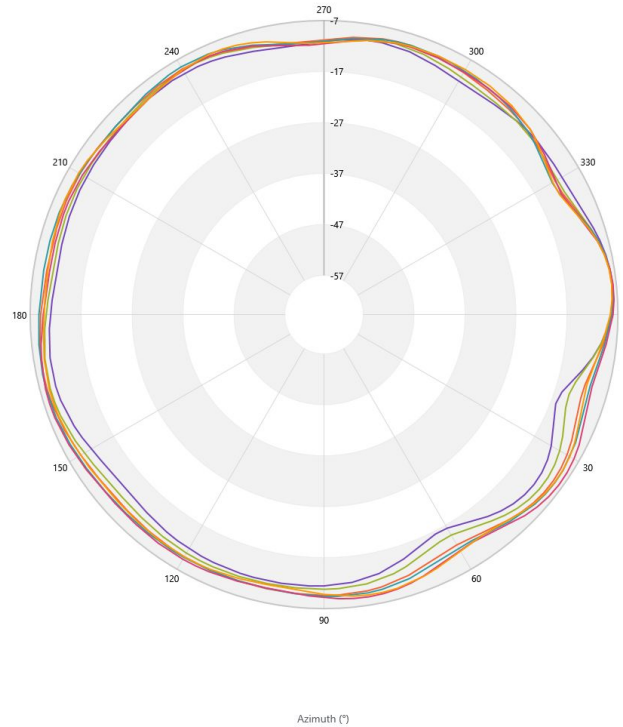
PIFA - Radiation pattern phi 90°

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

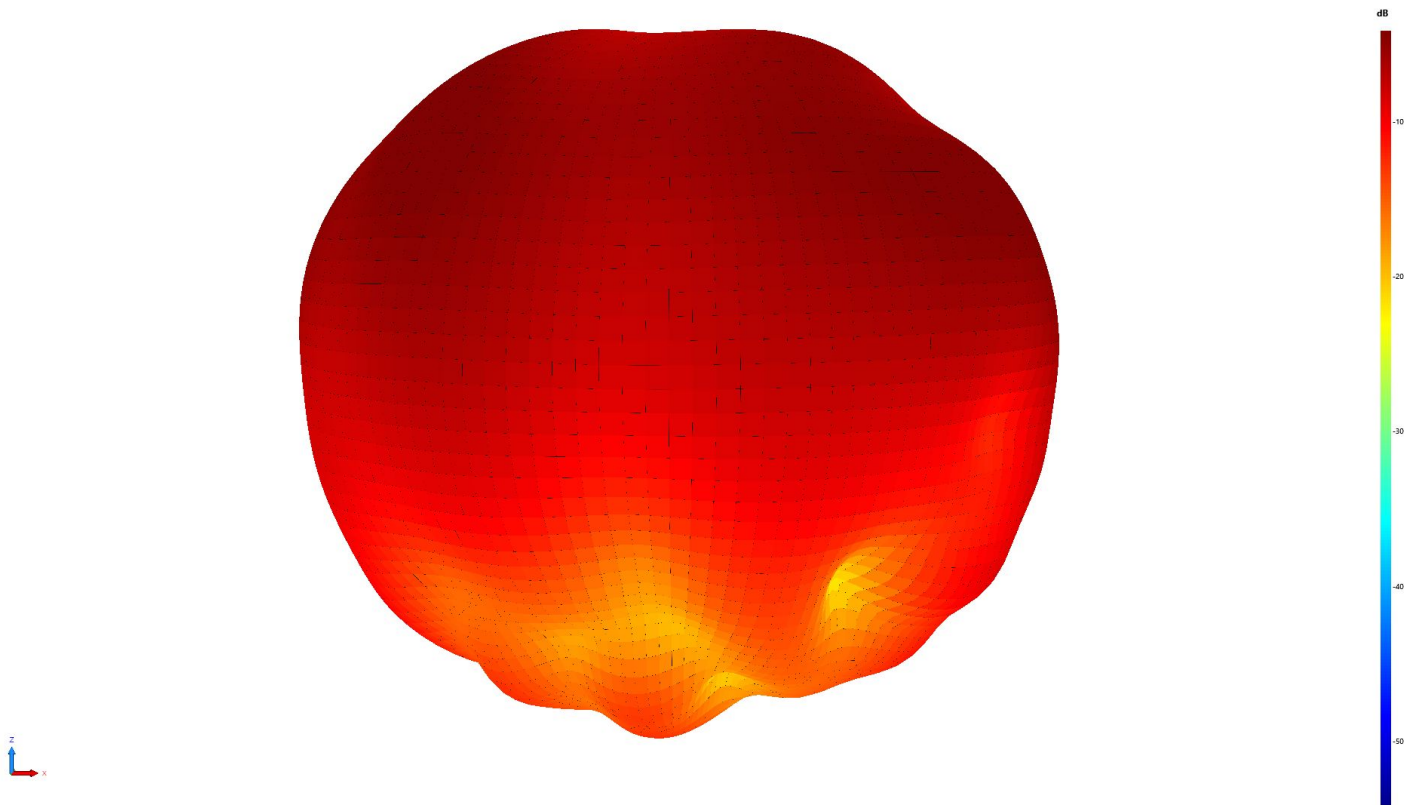


PIFA - Radiation pattern theta 90°

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



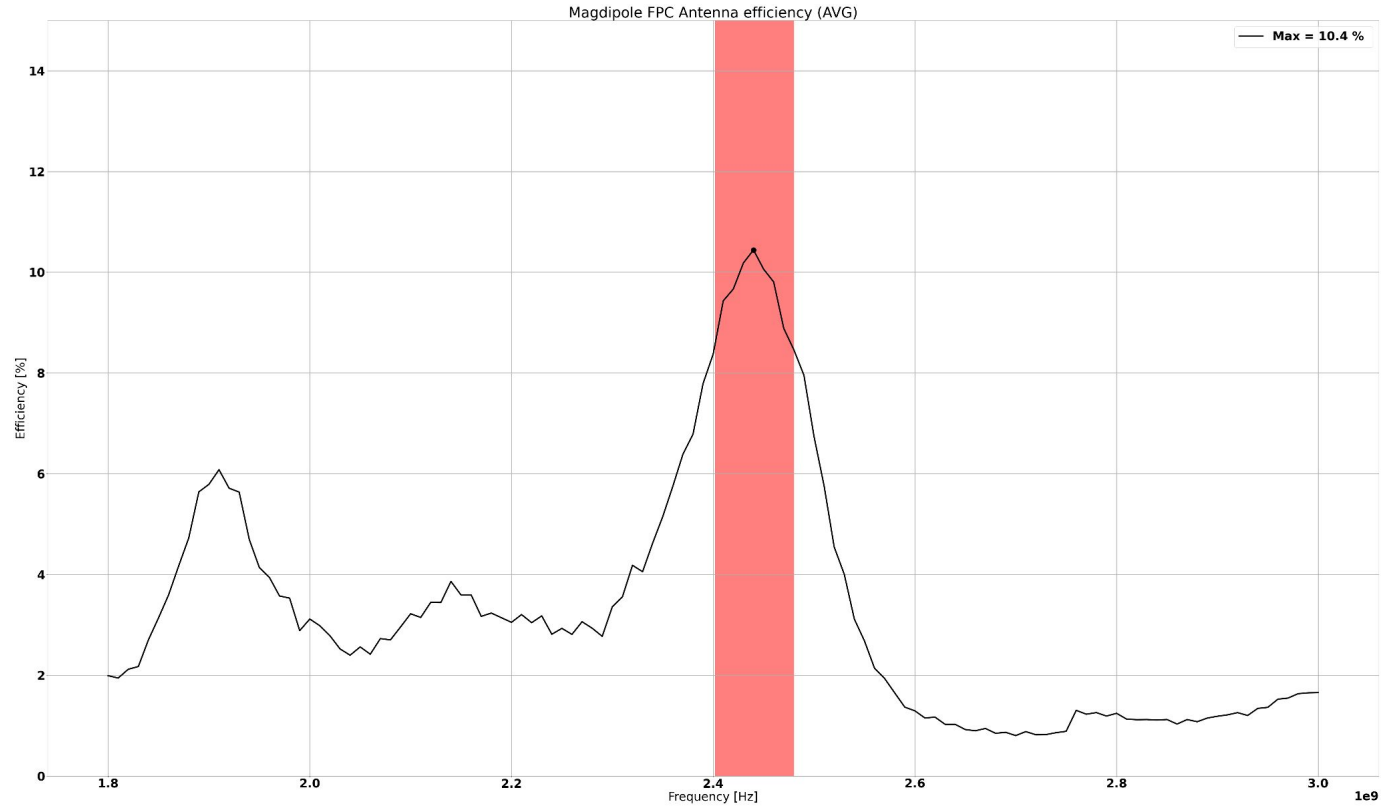
PIFA - Radiation pattern 3D



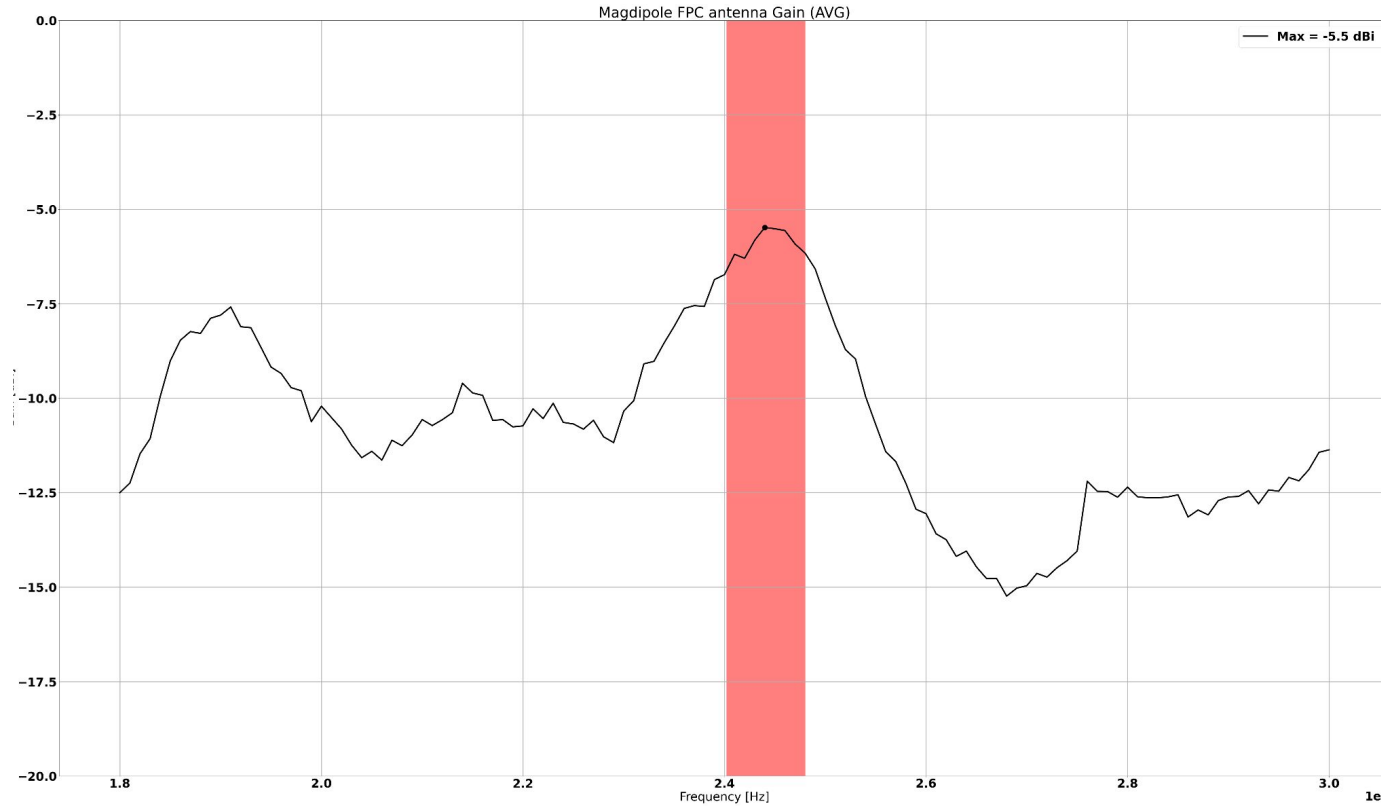
Magdipole FPC - location

Please refer to the external photo

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

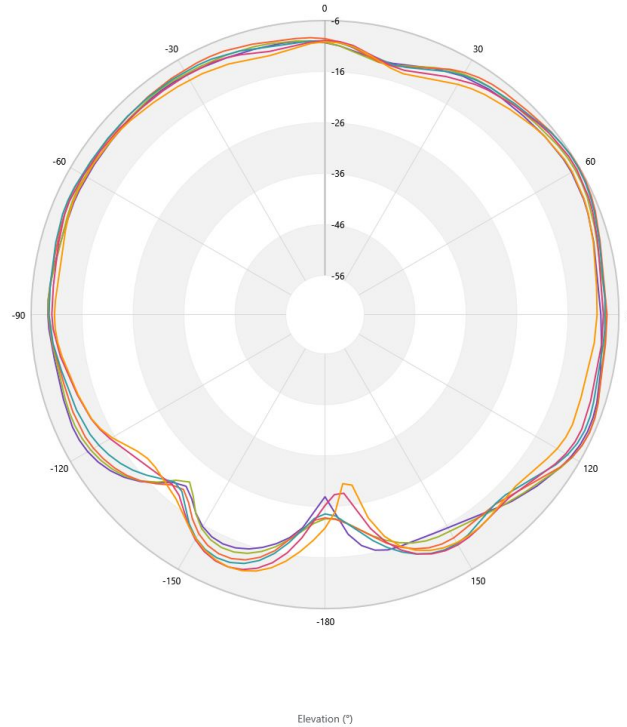


Magdipole FPC - Gain (3D max) = -5.5 dBi



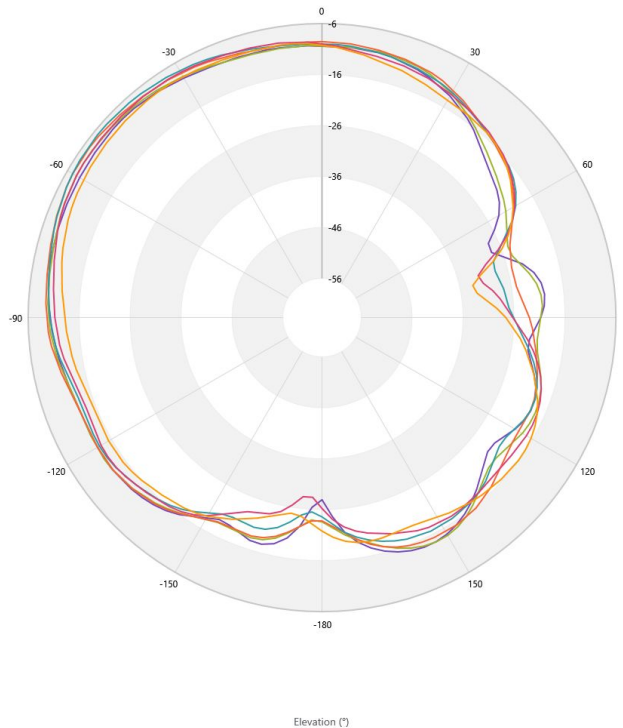
Magdipole FPC - Radiation pattern phi 0°

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



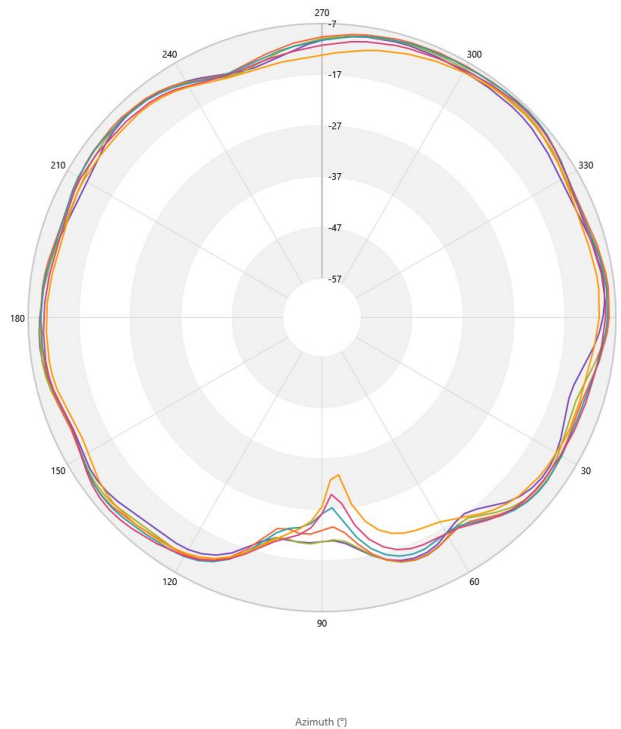
Magdipole FPC - Radiation pattern phi 90°

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

