深圳市晶讯软件通讯技术有限公司

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2.4G antenna test report

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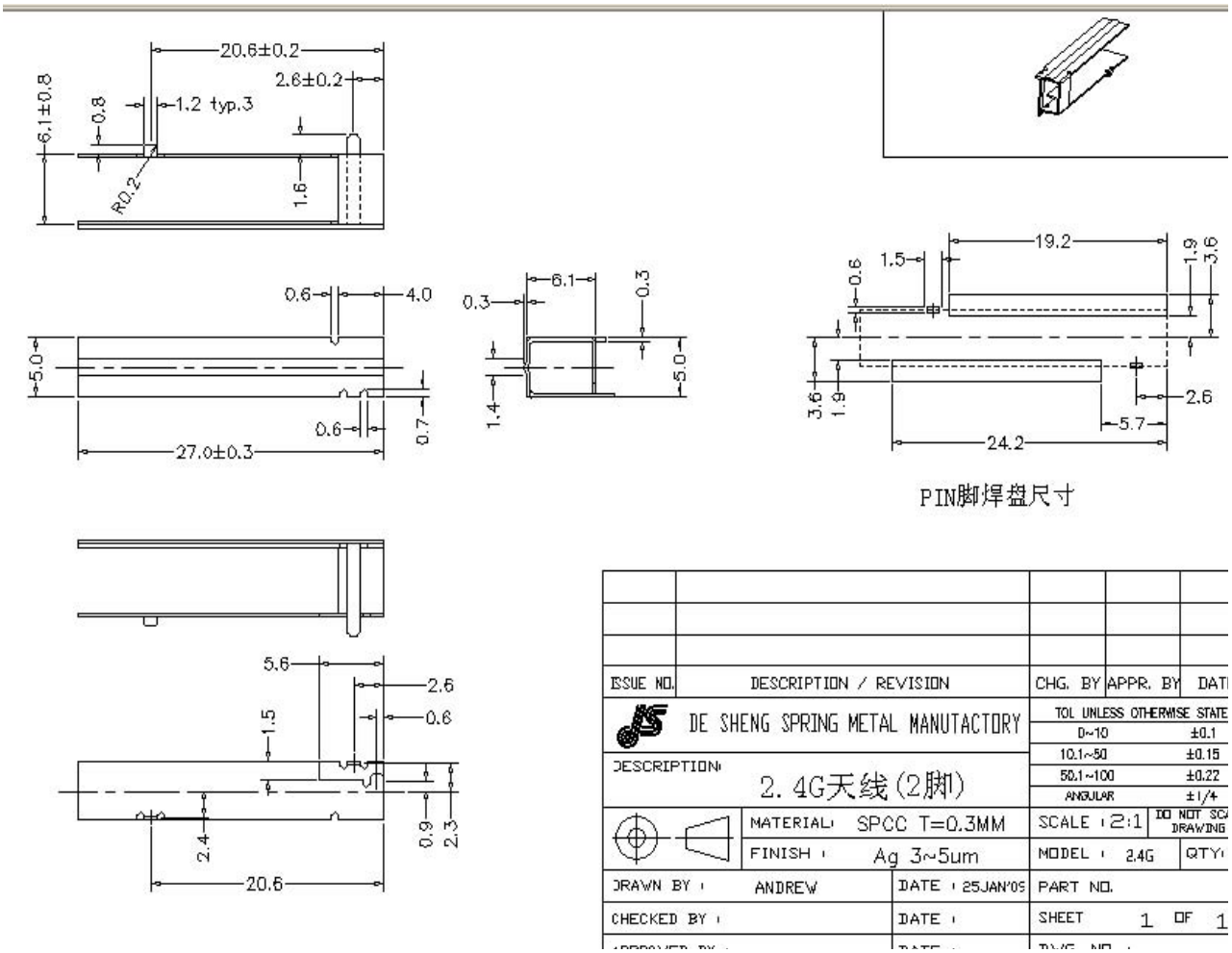
Appearance and Size



Electronic test data

ambient temperature: 26℃

ambient humidity: 65％ parameters are as follows

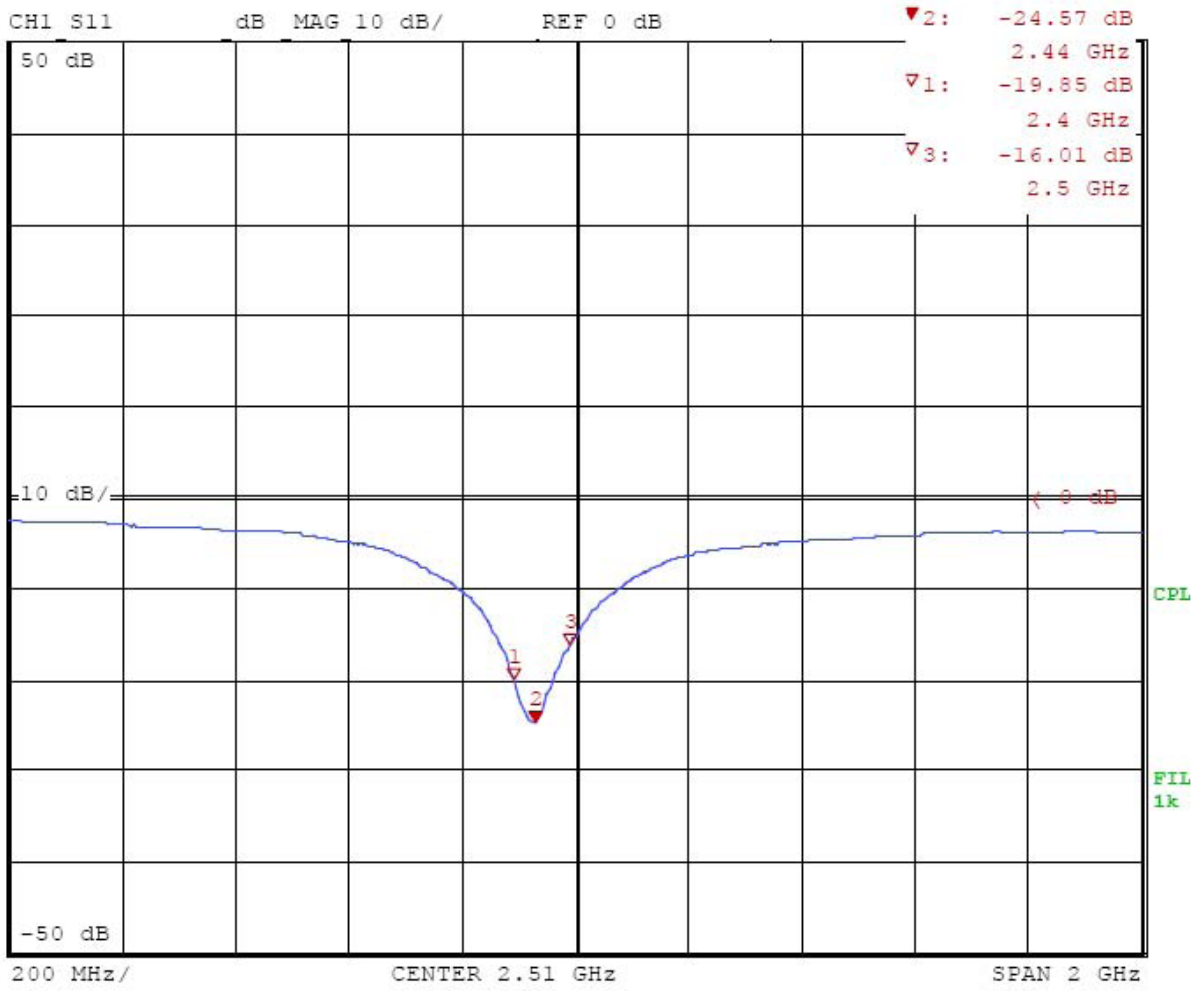
Frequency Range:2400-2500MHz; Impedance:50Ω;

VSWR:<2:1Across band; Polarization:Linear Average Gain:X-Y plane:-4.9dbi;Y-Z plane:-3.3dbi;

Maximum Gain:X-Y plane:-4.5dbi;Y-Z plane -2.2dbi;

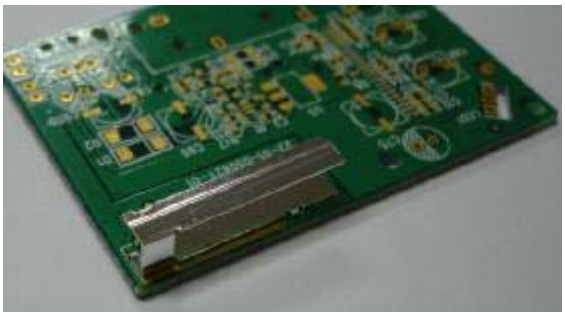
Antenna Type: PIFA

Typical Return Loss:

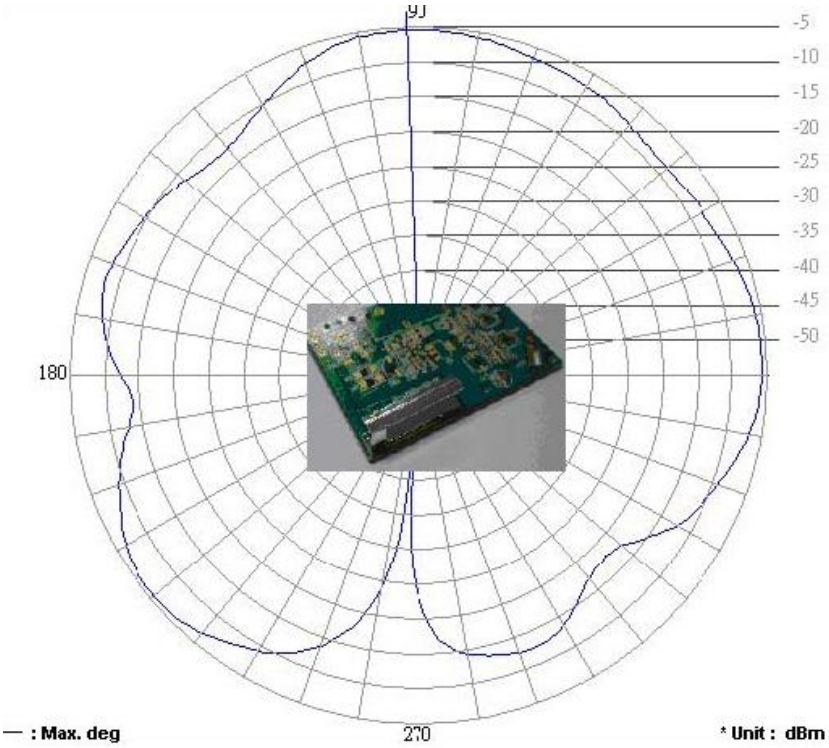


Antenna Radiation Patterns:

X-Y Plane:



Antenna Polartity:Horizontal:

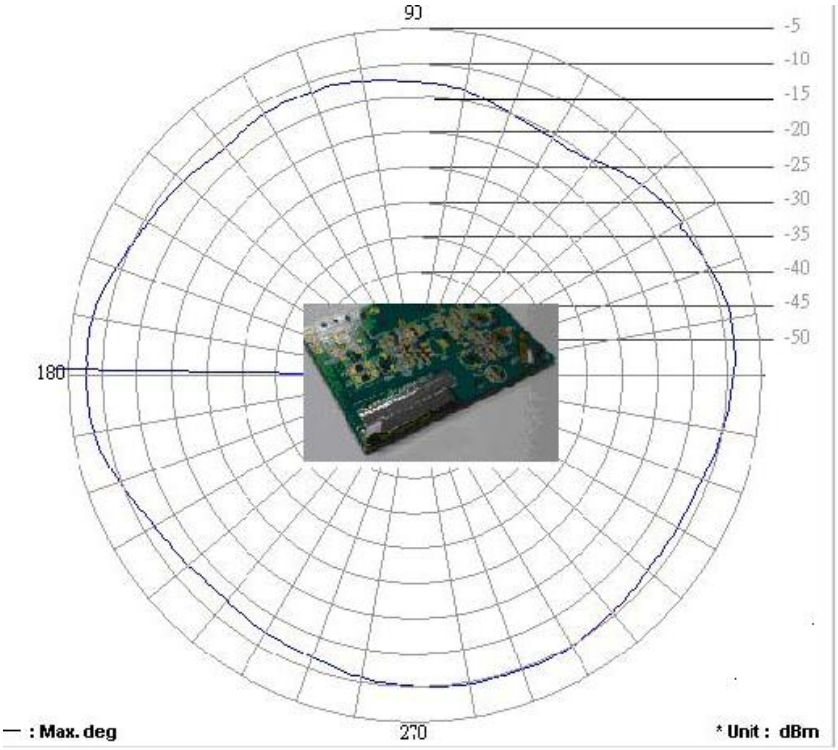


Frequency:2440MHz Average Gain:-8.7dBi

Maximum Gain:-4.5dBi， Maximum Gain (Angle) :95°

Minimum Gain:-48.5dBi，Minimum Gain (Angle) :268°

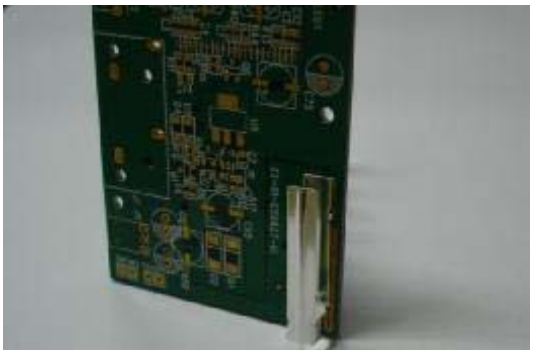
Antenna Polartity:Vertical:



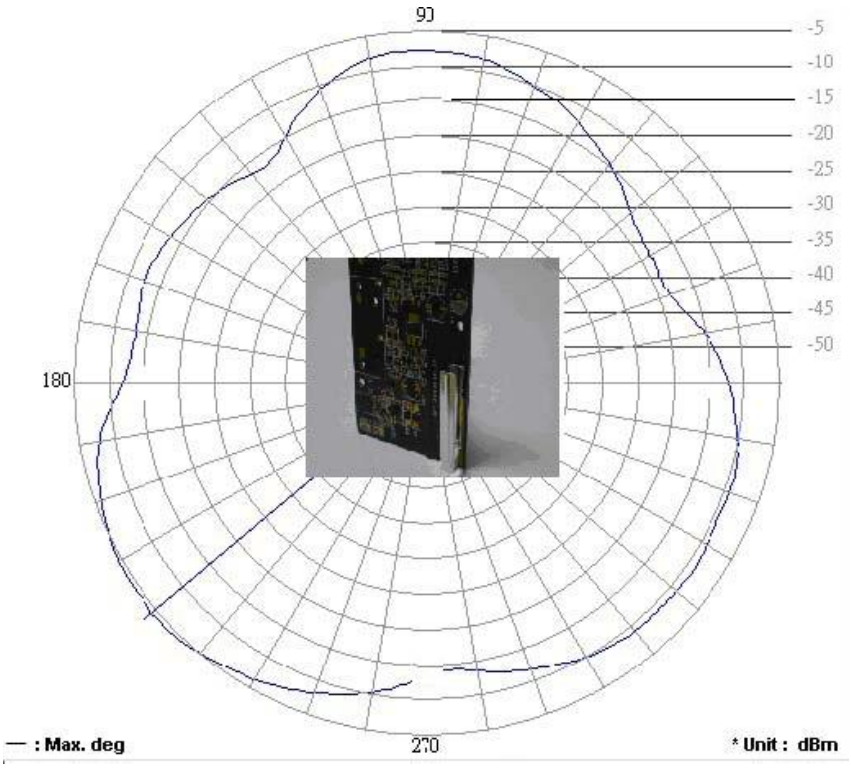
Frequency:2440MHz Average Gain:-10.76dBi Maximum Gain:-7.76dBi, Maximum Gain (Angle) :178° Minimum Gain:-16.2dBi, Minimum Gain (Angle) :60°

Antenna Radiation Patterns:

X-Z Plane:

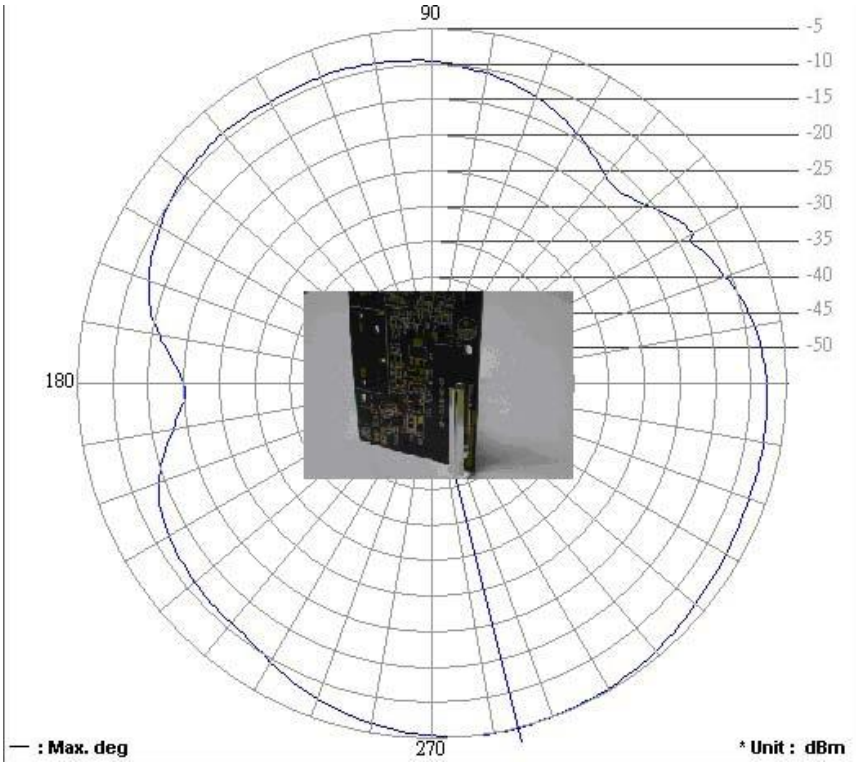


Antenna Polartity:Horizontal:



Frequency:2440MHz Average Gain:-8.8dBi Maximum Gain:-4.9dBi, Maximum Gain（Angle）:220° Minimum Gain:-19.0dBi，Minimum Gain（Angle）:28°

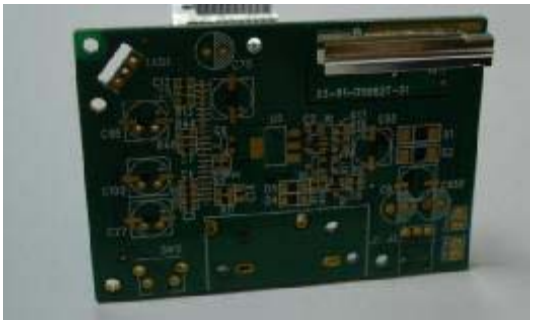
Antenna Polartity:Vertical:



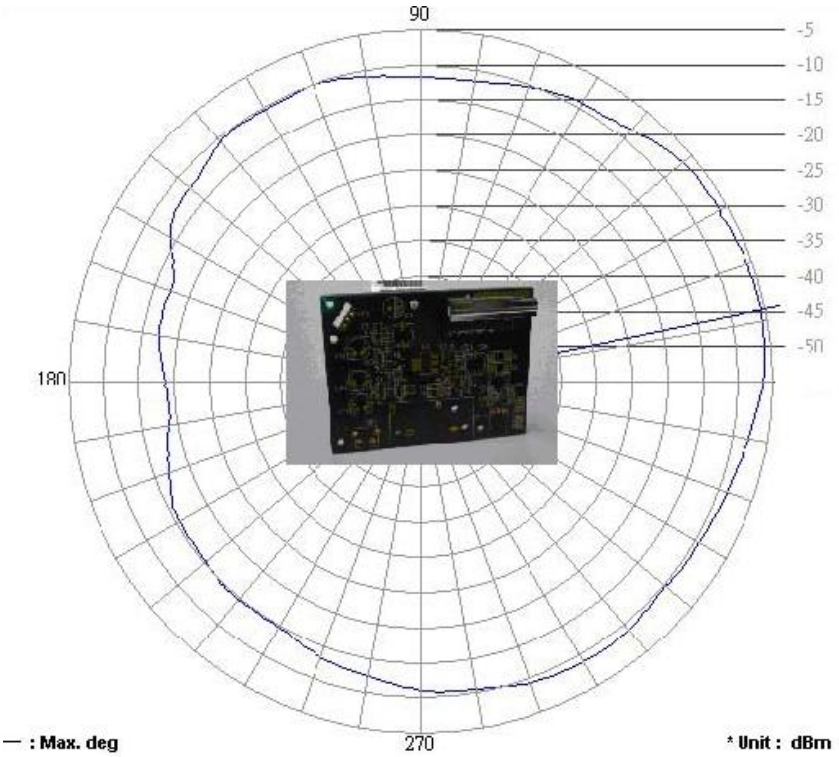
Frequency:2440MHz Average Gain:-8.92dBi Maximum Gain:-4.7dBi, Maximum Gain（Angle）:284° Minimum Gain:-20.1dBi，Minimum Gain（Angle）:183°

Antenna Radiation Patterns:

Y-Z Plane:

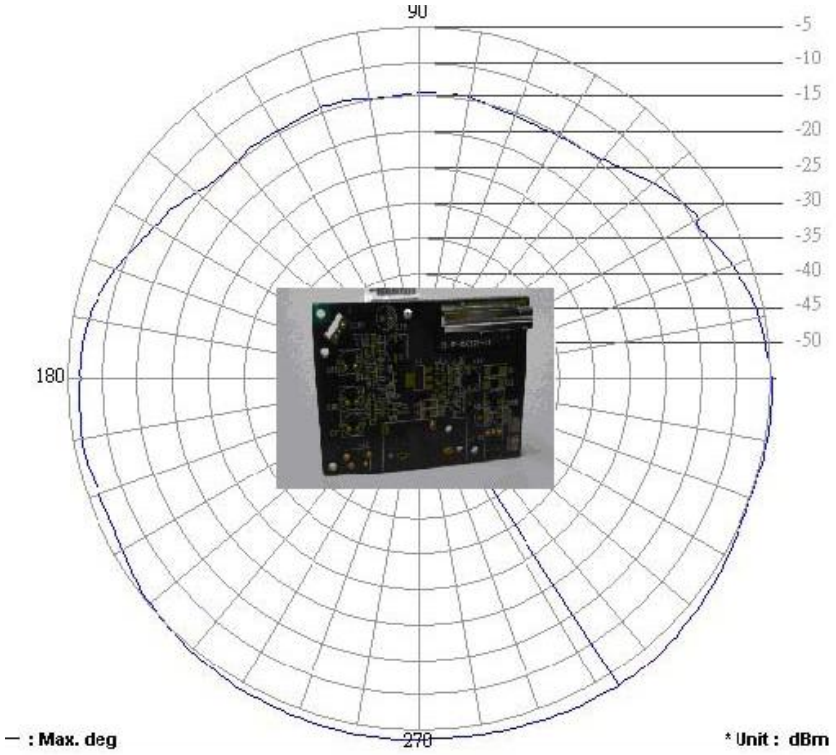


Antenna Polartity:Horizontal:



Frequency:2440MHz Average Gain:-8.12dBi Maximum Gain:-5.65dBi,Maximum Gain(Angle):13° Minimum Gain:-18.2dBi, Minimum Gain (Angle) :185°

Antenna Polartity:Vertical:



Frequency:2440MHz Average Gain:-6.9dBi Maximum Gain:-2.2dBi, Maximum Gain(Angle):302° Minimum Gain:-15.2dBi, Minimum Gain (Angle) :68°

2010/6/15