

## 2.4G Antenna

Revision History: 2020-3-31

Rev.A0

### 1. MODEL: PIFA

P/N (料号): NC

### 2. Applications

This antenna is designed for 2.4G remote control.  
Meizhou Willipon Electronic Technology Co., Ltd.

### 3. Electrical Characteristics

Frequency Band: 2400MHz ~ 2482MHz

Polarization \*Gain :

Max peak gain: 1.5 dBi

Typ peak gain: 1 dBi

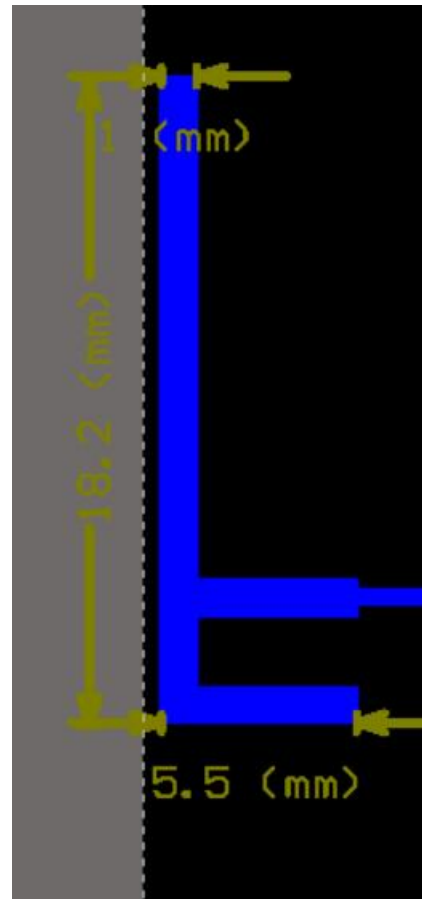
Impedance: 50Ω

Material: PCB

Feature: This is a PCB PIFA antenna.

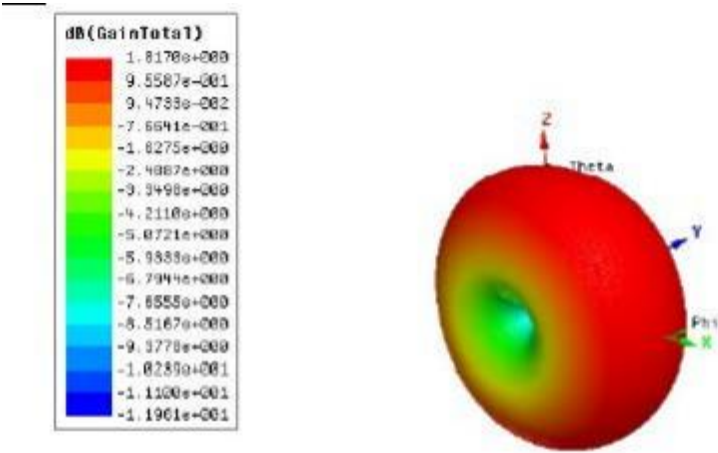
Prepared	Checked	Approved
kehonglin	zeng	henry

#### 4. Antenna Dimension



5. Typical Free Space Radiation Pattern

3D Radiation Pattern

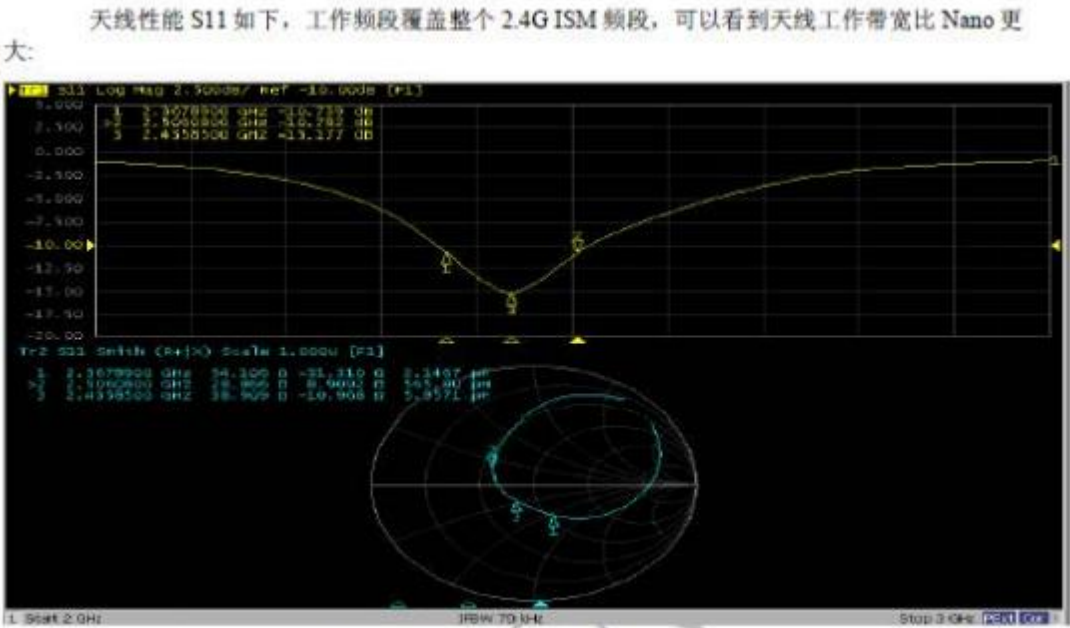


图表 16 Normal Module PIFA 天线增益

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6. Typical Free Space Radiation Pattern

2D Radiation Pattern

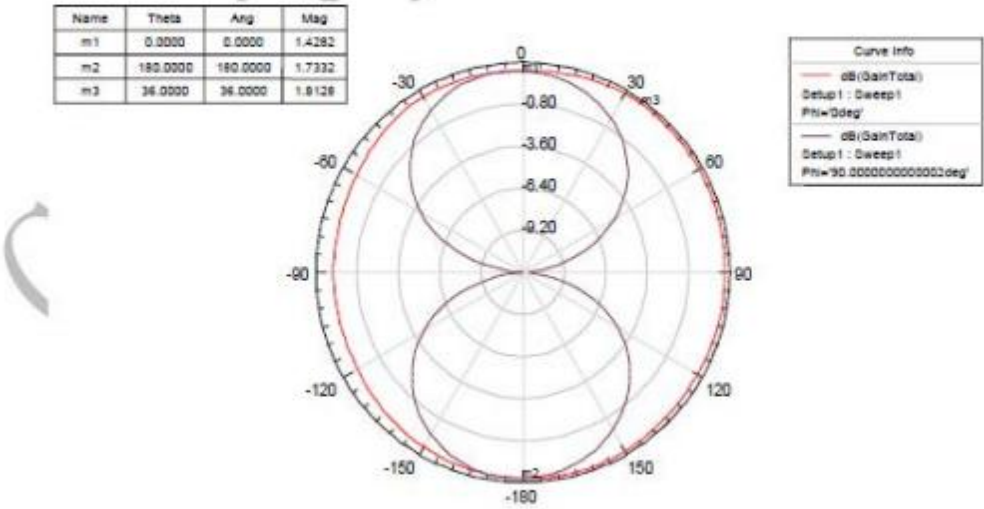


图表 15 Normal Module PIFA 天线 S11

7. Gain

2D and 3D gain.

2D 和 3D 增益如下，该天线最大增益比 Nano 大 6dB 左右，达到 1.5dB 左右:



Prepared	Checked	Approved
kehonglin	zeng	henry