

SPECIFICATION

Spec No : HJX.11

Part No. : HJX.11.A153

Product Name : 2.4/5.0 GHz Screw mount Dipole Antenna

Description : IPEX Connector
Dimensions: 95*13 mm
ROHS Compliant

Manufacturer : Shenzhen Jinwei Electronics Co., Ltd.

Address : Room 208, Building C, Uranus Technology Park,
Near No. 51 Qihao Road, Guangming District,
Shenzhen City, Guangdong Province

REVISION STATUS

Version	Date	Page	Revision Description	Prepared	Approved
1	2018-11-11	A11	New product	YX Product Centre	SHAWN

1.0 Introduction

The YX.11 2.4GHz dipole IPEX antenna is ideal for 2.4GHz wireless applications such as Bluetooth and Wireless LAN. At 95mm in length om ni-directional 3.92dBi peak gain across all bands ensures constant reception and transmission.

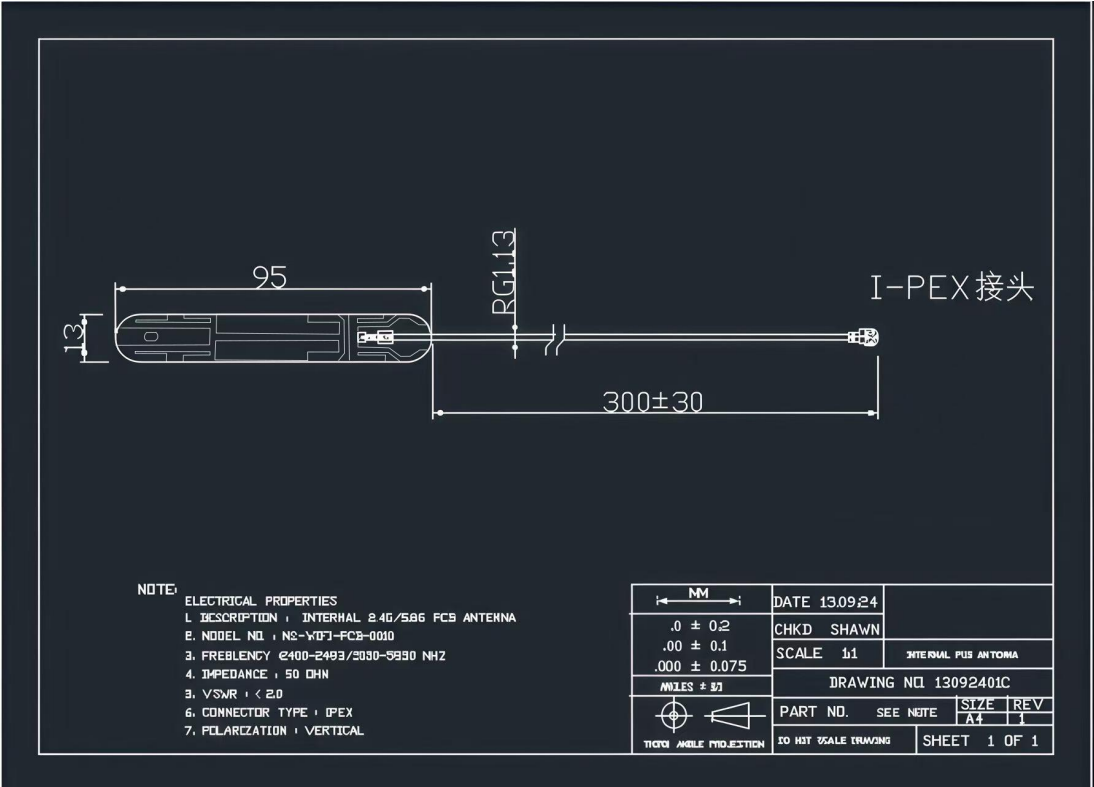
2.0 Electrical Properties

1. 1	Frequency	2400–2500
1. 2	Gain (peak)	3. 92dBi
1. 3	V. S. W. R	2. 0MAX
1. 4	Return Loss	–10dB Maximum
1. 5	Radiation	Omni-directional
1. 6	Polarization	Linear Vertical
1. 7	Power Handling	5W

3.0 Mechanical Properties

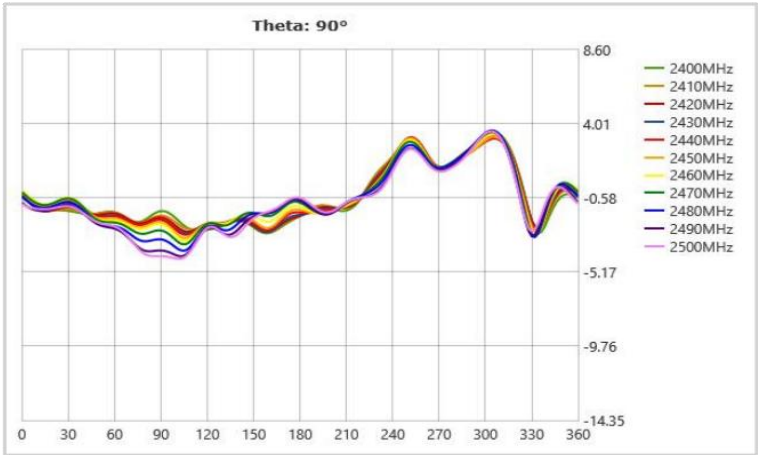
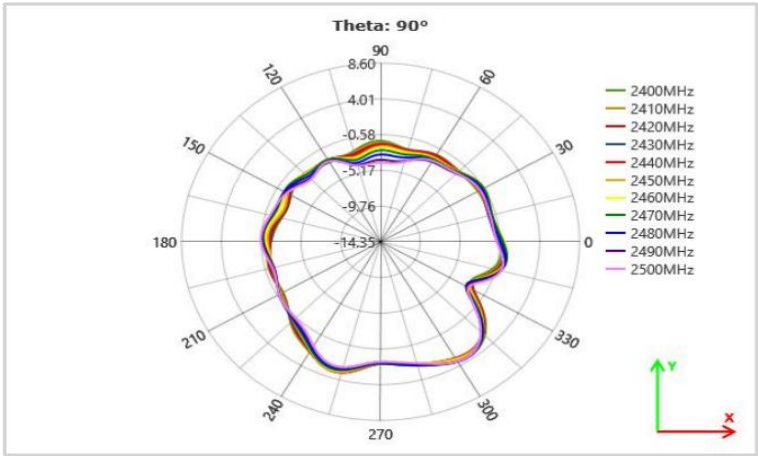
2. 1	Cable	RG–1. 13 Coaxial Cable
2. 2	Antenna Cover	/
2. 3	Antenna Base	/
2. 4	Operating Temperature	–20°C ~ +65°C
2. 5	Storage Temperature	–30°C ~ +75°C
2. 6	Color	Black
2. 7	Connector	IPEX

4.0 Outline Drawings and Structure

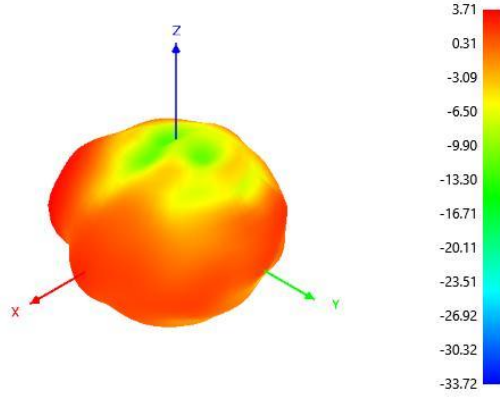


5.0 Measurements

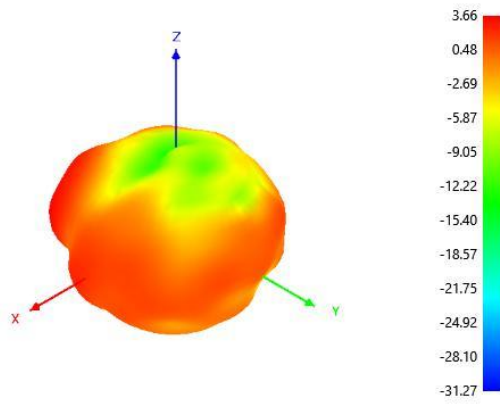
Frequency /MHz 频率	MaxGain/dBi 最大增益	Efficiency / % 天线效率
2400	3.71	60.59
2420	3.66	60.83
2440	3.71	62.14
2460	3.92	64.54
2480	3.92	65.99
2500	3.60	65.08



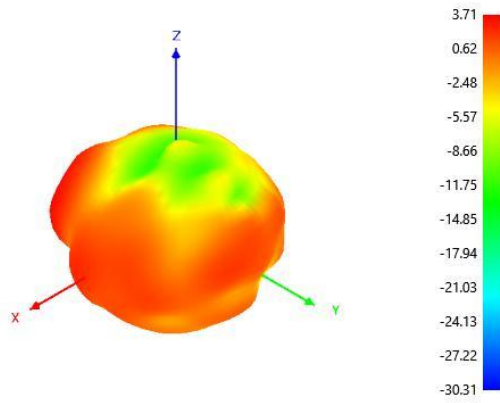
Freq: 2400MHz (AxisZ)



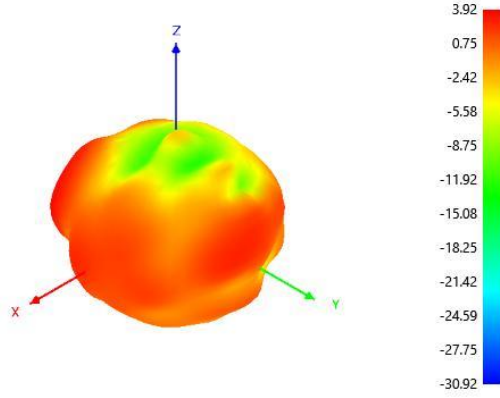
Freq: 2420MHz (AxisZ)



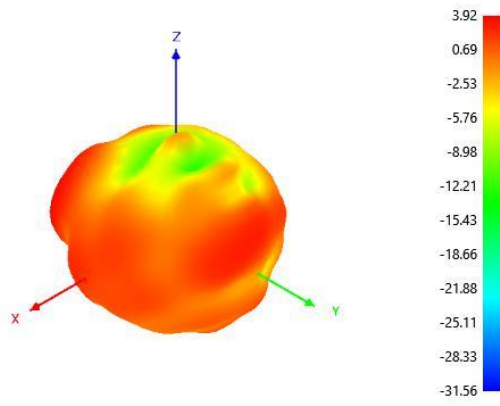
Freq: 2440MHz (AxisZ)



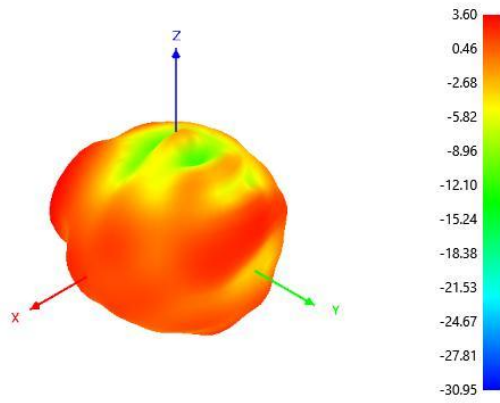
Freq: 2460MHz (AxisZ)



Freq: 2480MHz (AxisZ)



Freq: 2500MHz (AxisZ)



ANT Test Laboratory: Shenzhen City Chisheng Technology Co., Ltd
