

# Antenna Test Report

**Report No.** : SSP24060068-3A

**Manufacturer** : Shenzhen Chongyuan Pet Products Co., Ltd.

**Product Name** : PCB Antenna

**Model Name** : Tesla model3 shift knob docking station Ver1.0

**Test Standard** : IEEE 149-1979

**Tested Date** : 2024-06-01

**Issued Date** : 2024-06-05

**Tested By** : *William Liu* William Liu(Engineer)

**Approved By** : *Lahm Peng* Lahm Peng (Manager)



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## 1. General Information

### 1.1 Product Information

Manufacturer:	Shenzhen Chongyuan Pet Products Co., Ltd.
Address of Manufacturer:	C2202, Hongdehui Industrial Zone, No.128, Kangqiao Road, Danzhotou Community, Nanwan Street, Longgang District, Shenzhen, China
Product Name:	PCB Antenna
Model Name:	SMART Wifi control automatic pet feeder
Frequency Range:	2400MHz - 2483.5MHz , 5210MHz - 5240MHz
Type of Antenna:	PCB Antenna
Antenna Gain:	2.4G:2dBi, 5.2G:2.6dBi (Max.)
Impedance:	50 ohm
Antenna View:	<p style="text-align: center;">Length * Width (1.2cm * 0.4cm)</p> 

### 1.2 Test Standard

All measurements contained in this report were conducted with standards IEEE 149-1979 for IEEE Standard Test Procedures for Antennas.

### 1.3 Test Facilities

Laboratory Name:	<b>Shenzhen CCUT Quality Technology Co., Ltd.</b> 1F, Building 35, Changxing Technology Industrial Park, Yutang Street, Guangming District, Shenzhen, Guangdong, China
All measurement facilities used to collect the measurement data are located at 1F, Building 35, Changxing Technology Industrial Park, Yutang Street, Guangming District, Shenzhen, Guangdong, China.	

## 2. OTA Test

### 2.1 Gain

#### 2.4G:

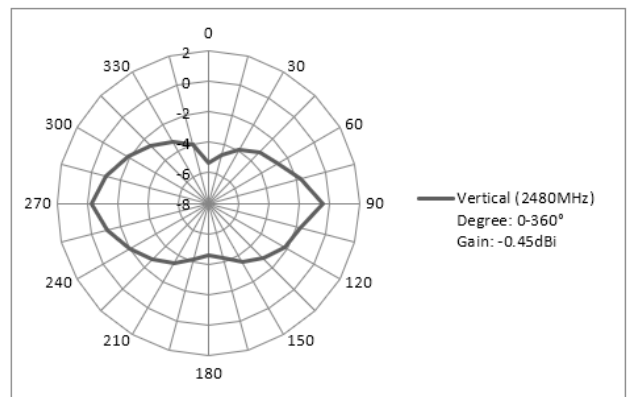
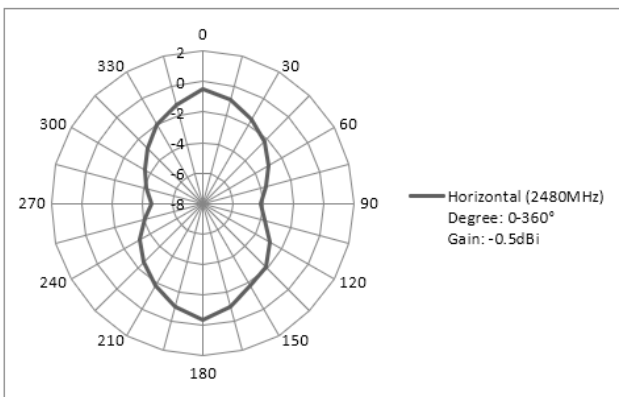
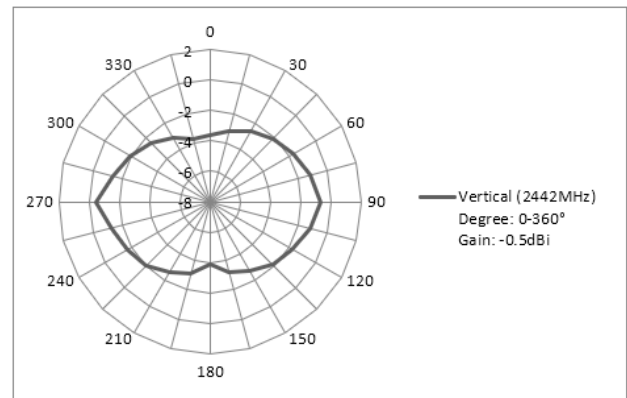
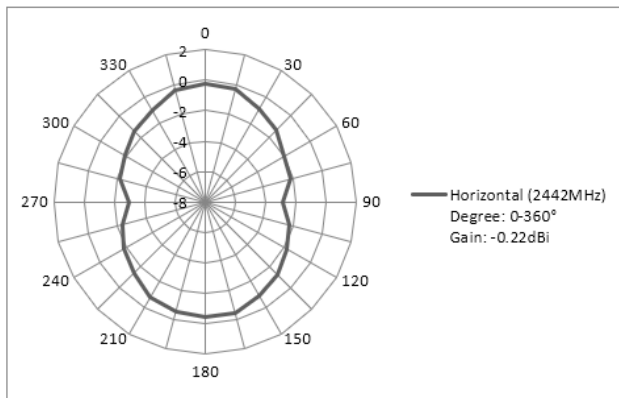
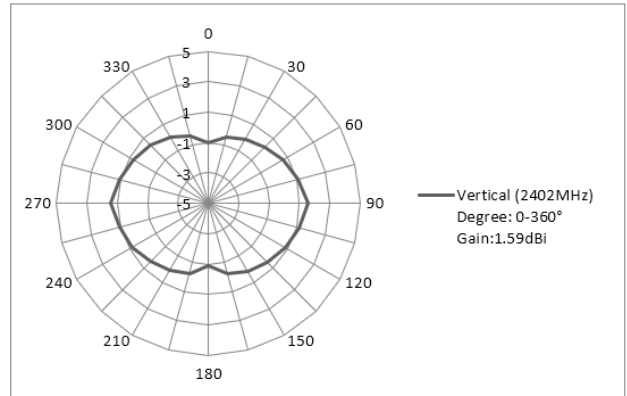
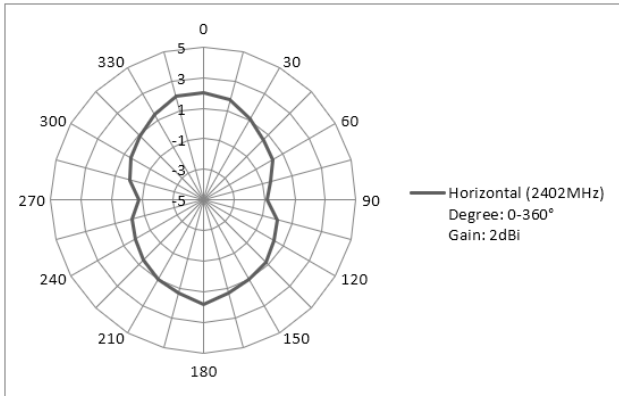
Frequency	Peak Gain (dBi)	Polarity
2402MHz	2	Horizontal
2402MHz	1.59	Vertical
2442MHz	-0.22	Horizontal
2442MHz	-0.5	Vertical
2480MHz	-0.5	Horizontal
2480MHz	-0.45	Vertical

#### 5.2G:

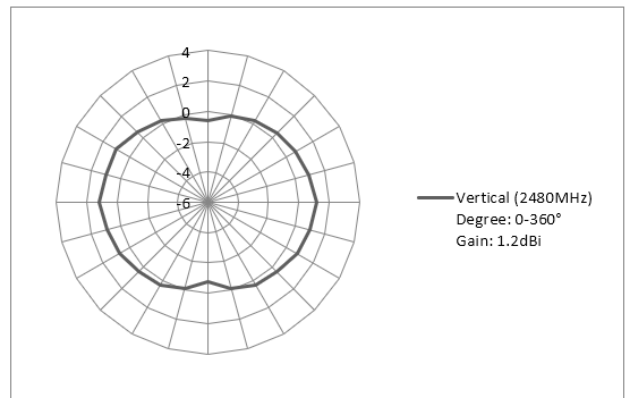
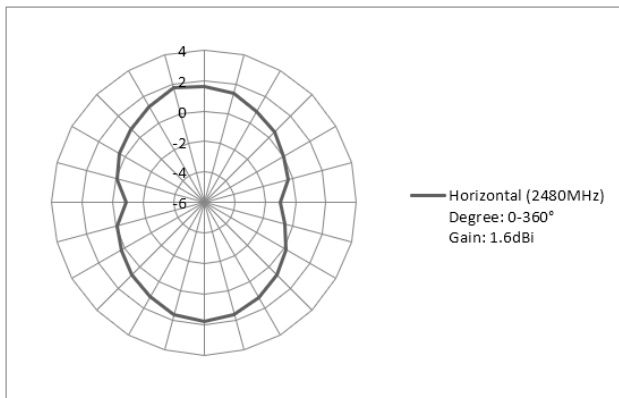
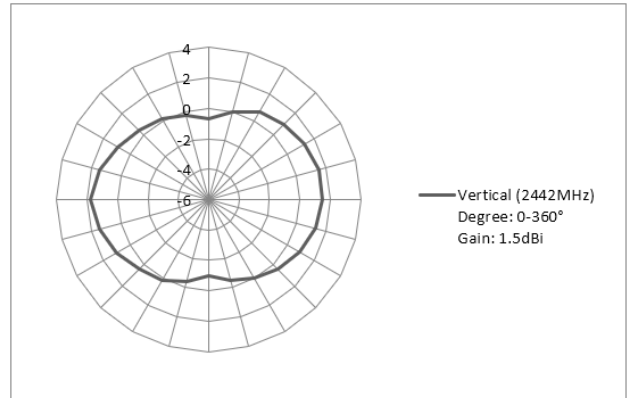
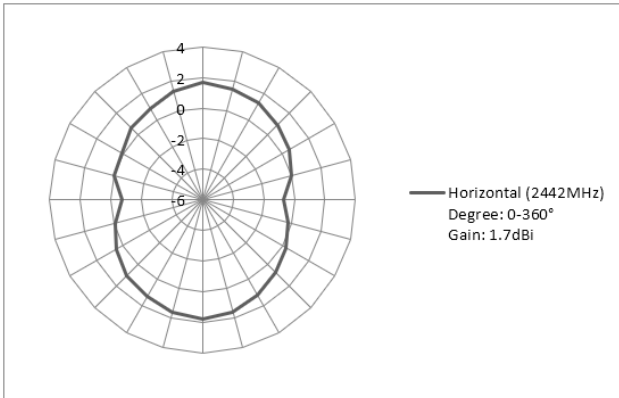
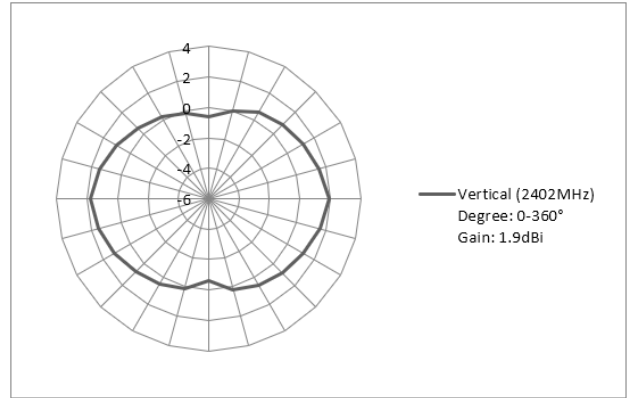
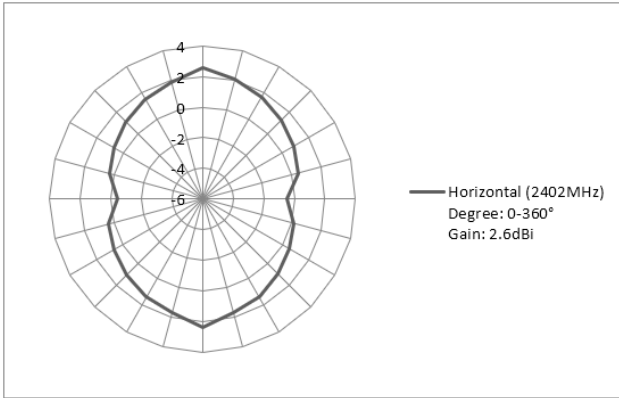
Frequency	Peak Gain (dBi)	Polarity
5180MHz	2.6	Horizontal
5180MHz	1.9	Vertical
5220MHz	1.7	Horizontal
5220MHz	1.5	Vertical
5240MHz	1.6	Horizontal
5240MHz	1.2	Vertical

## 2.2 Radiation Pattern View

2.4G:



5.2G:



\*\*\*\*\* END OF REPORT \*\*\*\*\*