

## 1. Antenna Description

|                        |                 |
|------------------------|-----------------|
| Antenna plate          | PCB antenna     |
| Market name/Model name | BKW-12          |
| Antenna Max. Gain      | 0dBi            |
| Frequency Range        | 800-950MHz      |
| Connect Type           | Integer antenna |
| VSWR                   | 1.1             |

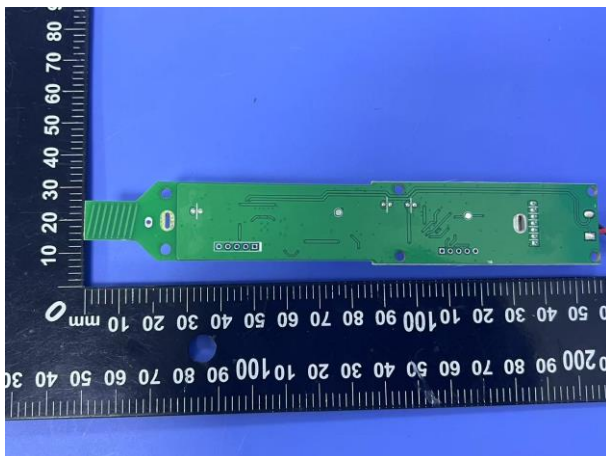
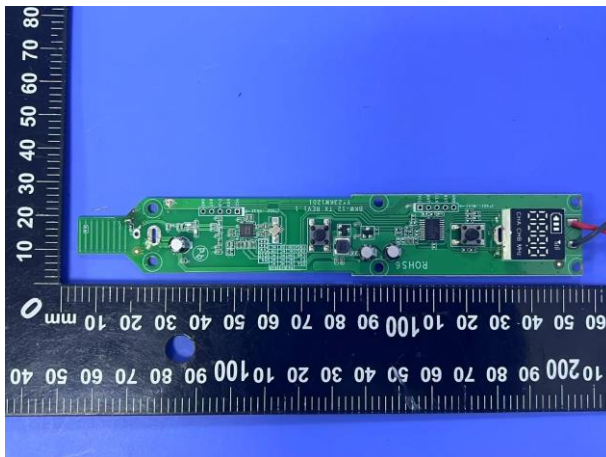
Manufacturer: Guangzhou Caihui Technology Co., Ltd

Address: Room 502, Building 1, No. 4 Shuiniu Road, Tan Village, Shijing Street, Baiyun District, Guangzhou, China

## 2. Picture of antenna

Width=10.2mm

Length=14.6mm

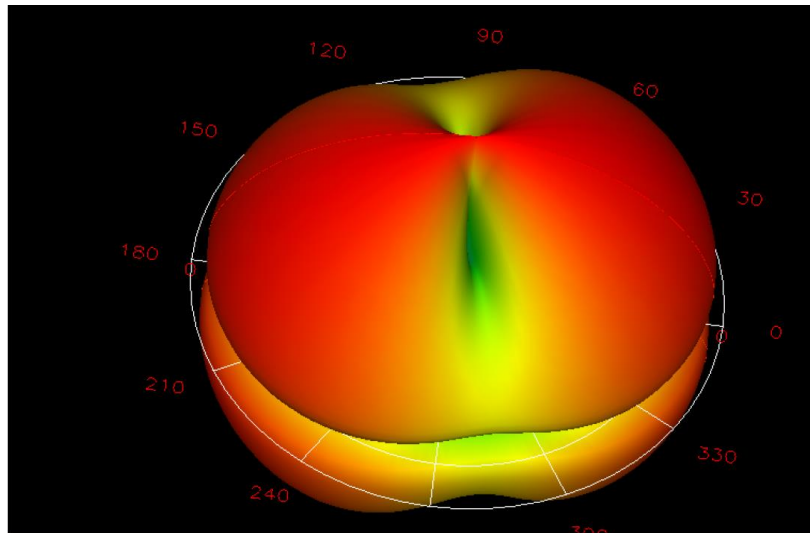


### 3. Antenna Radiation Pattern

Radiation pattern—800MHz

Total Average Gain: -0.23dBi

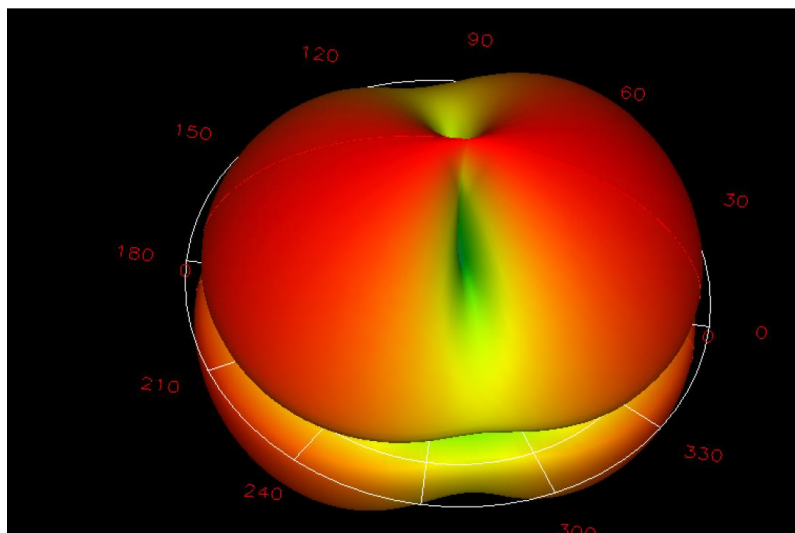
| Phi  | 0     | 45    | 90    | 135   | 180   | 235   | 270   | 315   |
|------|-------|-------|-------|-------|-------|-------|-------|-------|
| Gain | -1.52 | -0.68 | -0.82 | -0.23 | -0.52 | -0.61 | -1.08 | -1.26 |



Radiation pattern—900MHz

Total Average Gain: 0dBi

| Phi  | 0     | 45    | 90 | 135   | 180   | 235   | 270   | 315   |
|------|-------|-------|----|-------|-------|-------|-------|-------|
| Gain | -0.68 | -0.53 | 0  | -0.15 | -0.28 | -0.17 | -0.51 | -0.35 |



Radiation pattern—950MHz

Total Average Gain: -0.37dBi

| Phi  | 0     | 45    | 90    | 135   | 180   | 235   | 270   | 315   |
|------|-------|-------|-------|-------|-------|-------|-------|-------|
| Gain | -1.24 | -0.37 | -0.39 | -0.82 | -1.09 | -1.01 | -1.23 | -1.16 |

