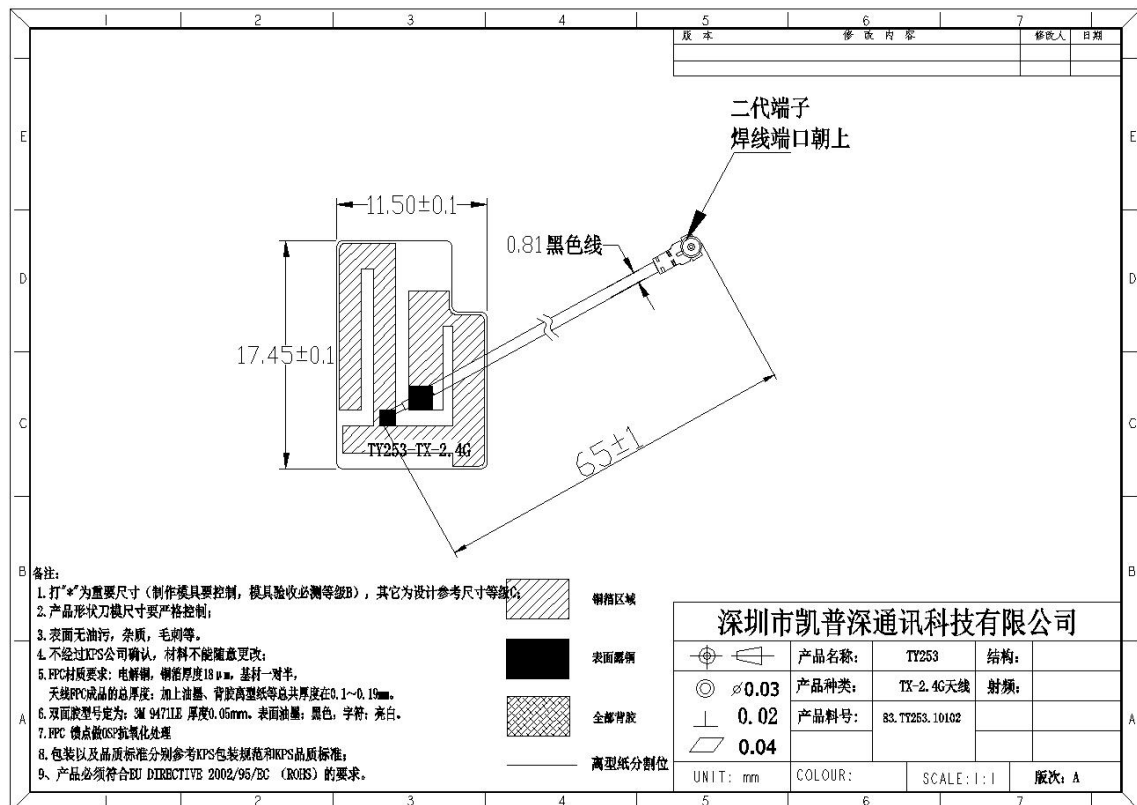
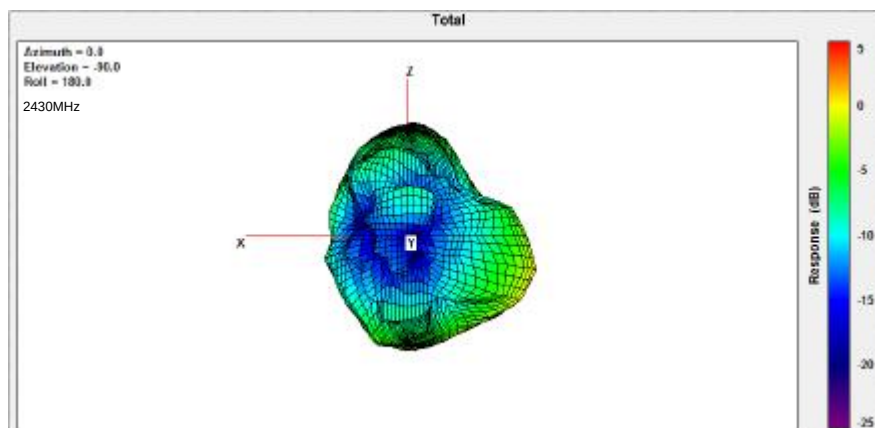


# Antenna test report

1. Antenna manufacturer:KPS
2. Antenna name:TY253 TX-2.4Gantenna
3. Antenna type:MONOPOLE 2.4G antenna
4. Antenna 2D pattern and Dimension drawing



## 5. Antenna 3D pattern



## 6. Antenna gain table

| Freq<br>(MHz) | Effi<br>(%) | Effi<br>(dB) | Gain<br>(dBi) |
|---------------|-------------|--------------|---------------|
| 2400          | 16.74       | -7.76        | -3.58         |
| 2410          | 18.6        | -7.3         | -3.24         |
| 2420          | 18.57       | -7.31        | -3.19         |
| 2430          | 25.23       | -5.98        | -1.32         |
| 2440          | 20.65       | -6.85        | -2.67         |
| 2450          | 21.66       | -6.64        | -2.32         |
| 2460          | 24.02       | -6.19        | -1.73         |
| 2470          | 24.53       | -6.1         | -1.44         |
| 2480          | 15.3        | -8.15        | -4.2          |
| 2490          | 15.88       | -7.99        | -3.87         |
| 2500          | 16.38       | -7.86        | -3.69         |

Manufacturer: Shenzhen Kaipushen Communication Technology Co., Ltd.

Address: 2nd Floor, Yulong Office Building, Longcheng Industrial Zone, No. 440 Longguan Avenue,  
Dalang Street, Longhua District, Shenzhen