

# 天线规格书

## ANTENNA DATA SHEET

客户名称:  
Customer Zhejiang Uniview Technologies Co., Ltd.

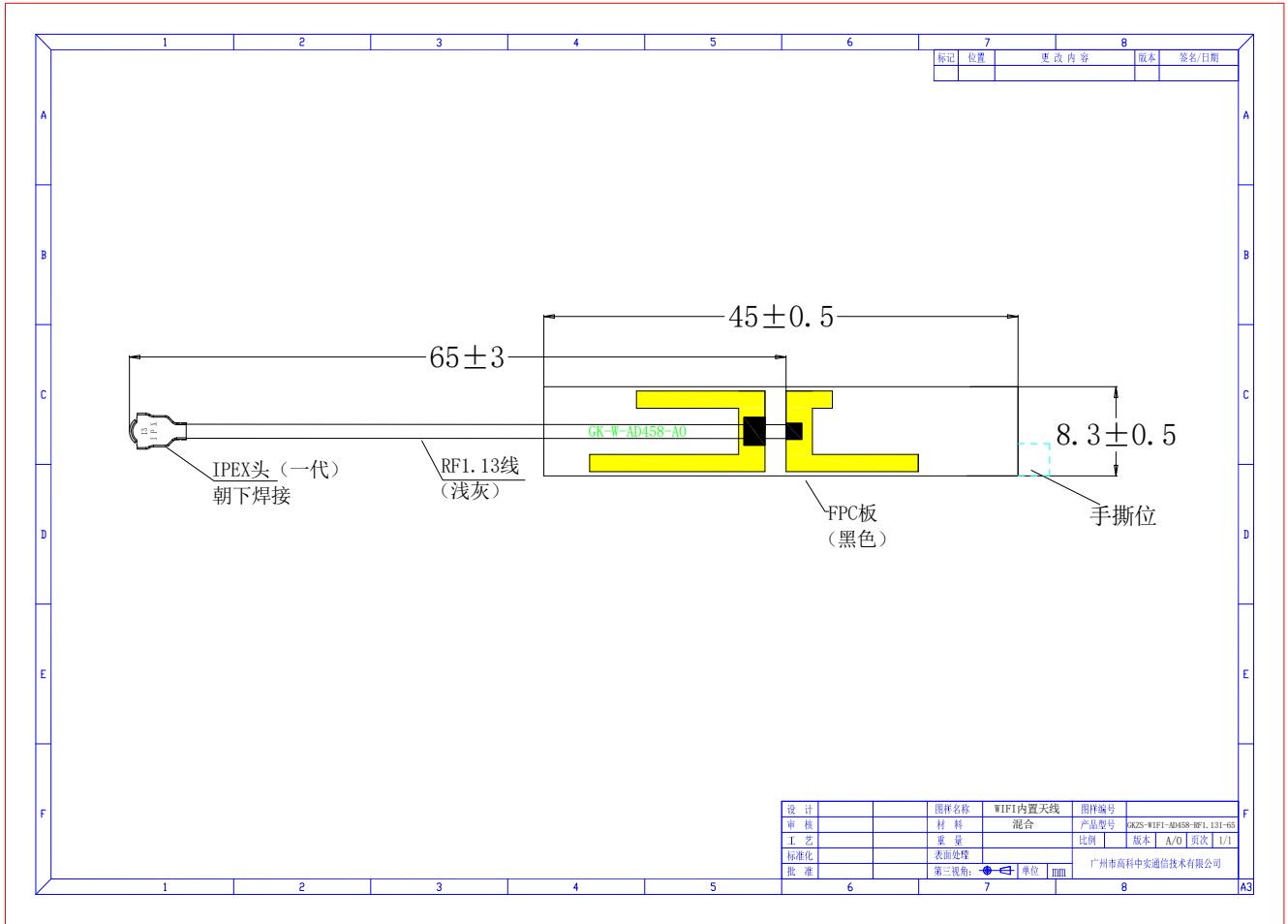
供应商:  
Supplier Gaoke Ant Co., Ltd.

供应商地址:  
Supplier Address No. 22 Guangcong South Road, Shengang, Conghua District, Guangzhou, Guangdong Province, China

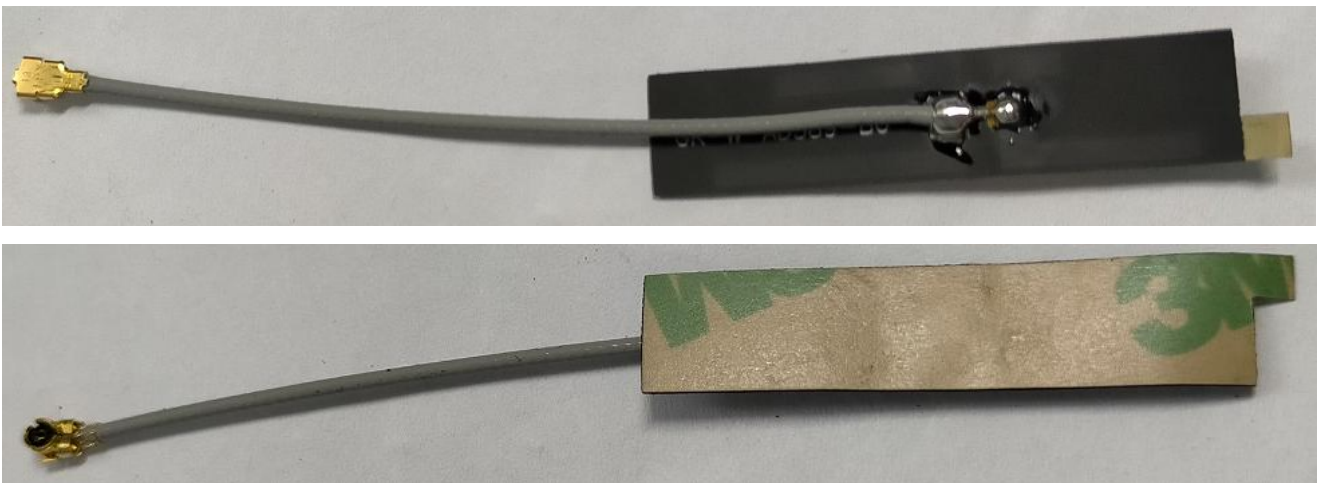
产品名称:  
Product Name 2.4G WIFI Antenna

产品型号:  
Product Model GKZS-WIFI-AD458-RF1.13I-65

## 1. Antenna Drawing (mm)



## 2. Antenna Photo

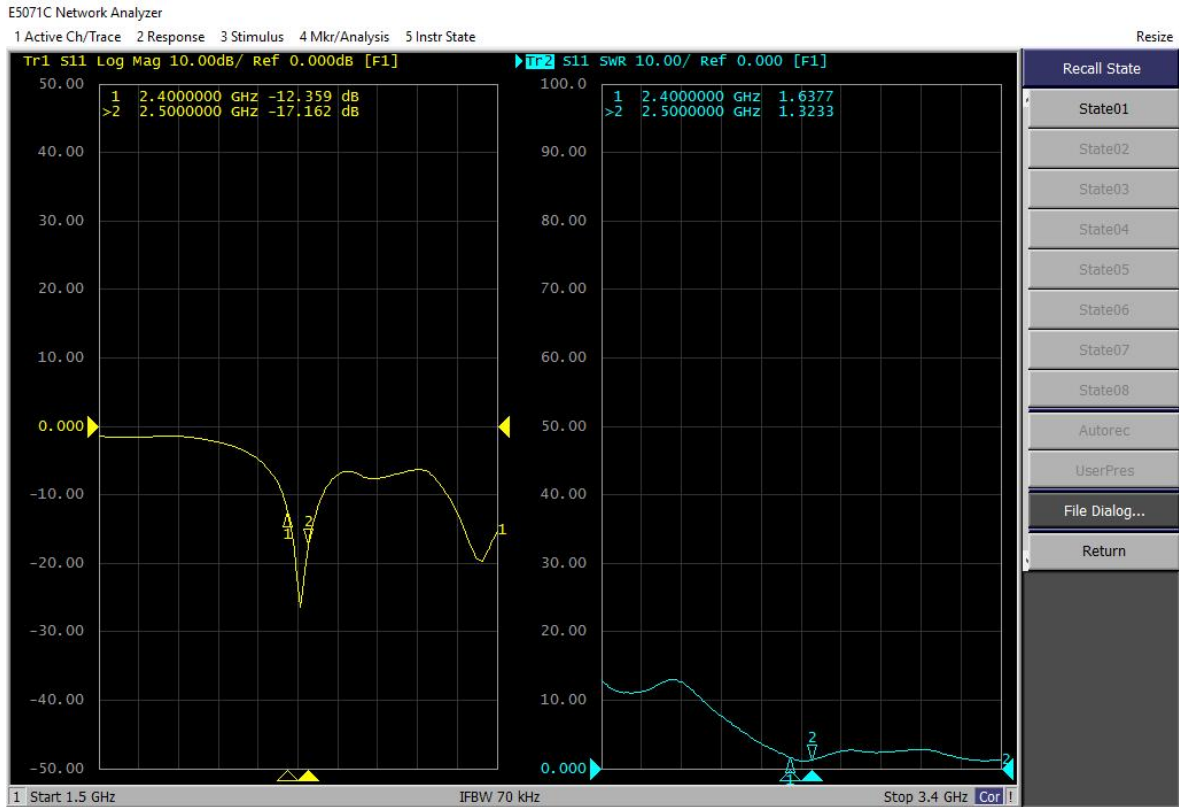


广州市高科中实通信技术有限公司  
Gaoke Ant Co., Ltd.

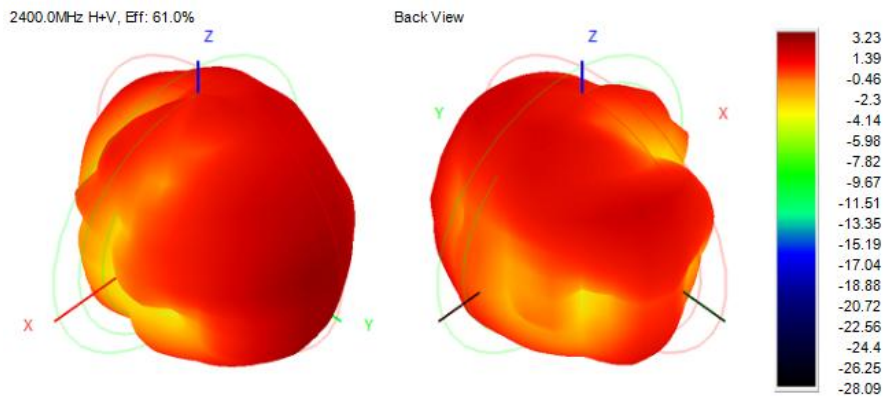
### 3. Antenna technical parameters

Design Specifications	Typical
天线形式(Antenna Type)	FPC Antenna
工作频率(Working Frequency)	2400-2500MHz
最大增益 (Max. Gain)	3.23dBi
天线效率 (Antenna efficiency)	$\geq 50\%$
电压驻波比 (VSWR)	$\leq 2.0$
极化方式(Polarization)	linear polarization
辐射方向(Radiation pattern)	Omnidirectional
馈电阻抗(Impedance)	50 $\Omega$
功率容量(Power handling)	33dBm
天线尺寸 (Overall dimensions)	45x8.3mm
工作温度(Operatin Temp)	-40°C~80°C

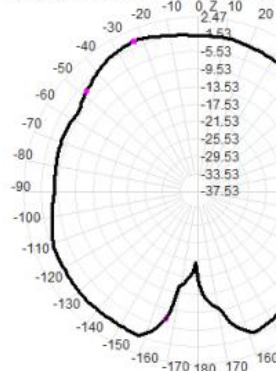
## 4. VSMR



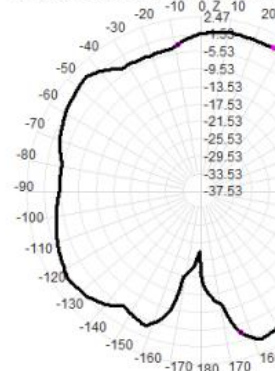
## 5. Radiation pattern(2D&3D)



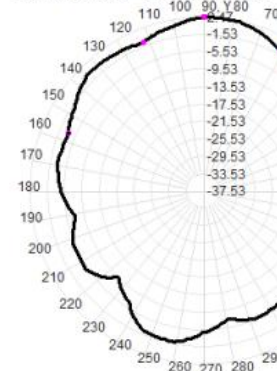
2400.0MHz Total(E1-XZ), Max=-0.20dBi



2400.0MHz Total(E2-YZ), Max=2.47dBi



Total(H-XY), Max=2.40dBi, CirD=12.99

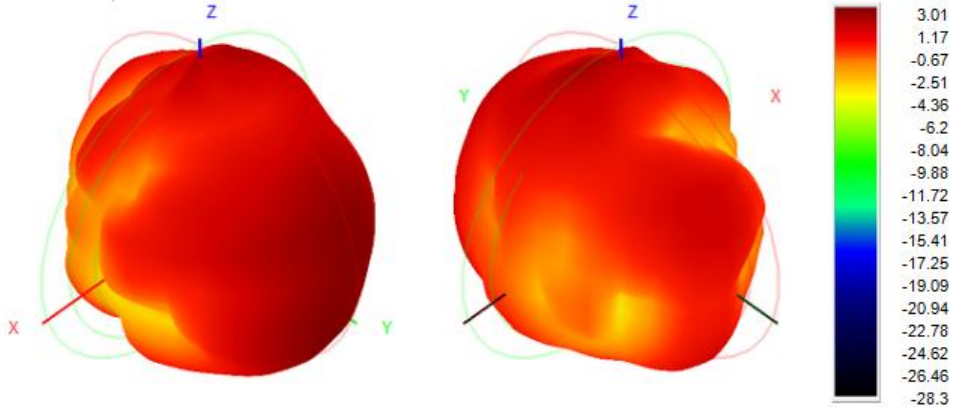


# 广州市高科中实通信技术有限公司

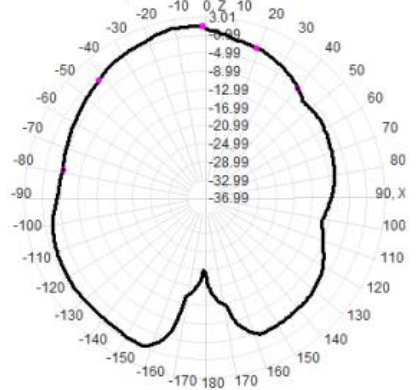
## Gaoke Ant Co., Ltd.

2450.0MHz H+V, Eff: 65.1%

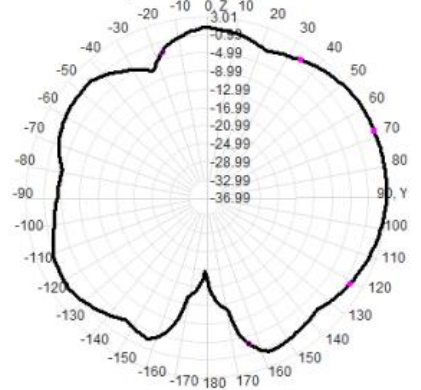
Back View



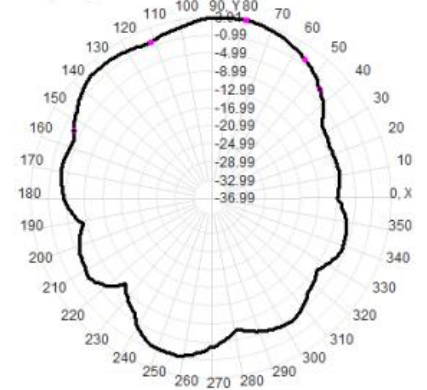
2450.0MHz Total(E1-XZ), Max= 1.01dBi



2450.0MHz Total(E2-YZ), Max= 2.92dBi

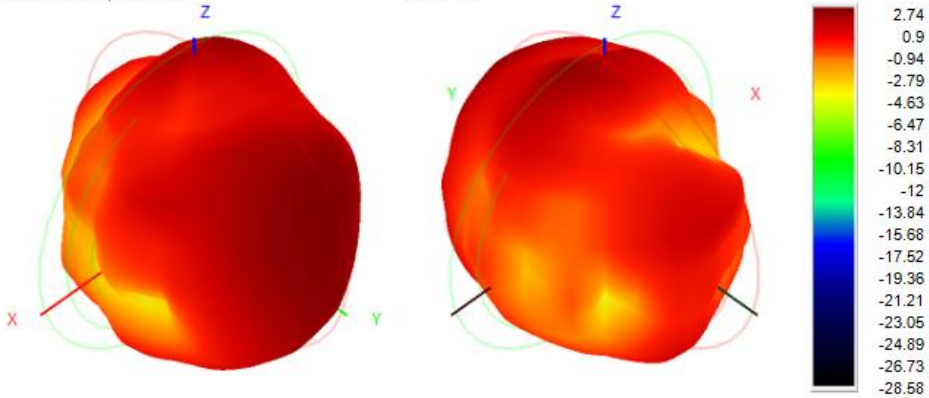


Total(H-XY), Max= 3.01dBi, CirD=13.24

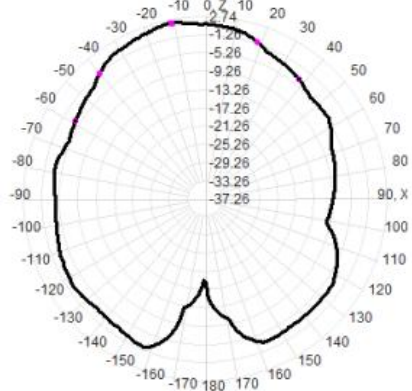


2500.0MHz H+V, Eff: 62.4%

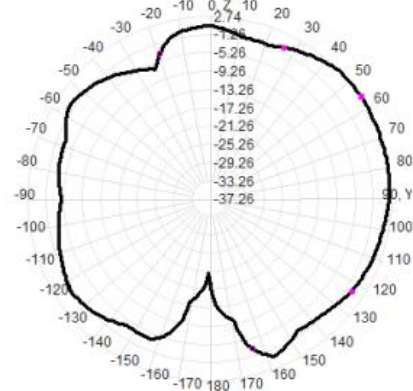
Back View



2500.0MHz Total(E1-XZ), Max= 1.99dBi



2500.0MHz Total(E2-YZ), Max= 2.74dBi



Total(H-XY), Max= 1.96dBi, CirD=13.71

