



产品规格承认书

Specification For Approval

客户名称:
Customer

供 应 商:
Supplier *Gaoke Ant Co., Ltd.*

客户料号:
Customer P/N

产品名称:
Production Name 2.4G

产品型号:
Production Number GKZS-2.4G-TC0502-J

供应商确认盖章 (Supplier Signature)		
工程师 Engineer	审核 Checked by	批准 Approved by
刘广金	谢倩菊	刘和明
2019 年 12 月 21 日	2019 年 12 月 21 日	2019 年 12 月 21 日

客户确认盖章 (Customer Signature)		
工程师 Engineer	审核 Checked by	批准 Approved by
年 月 日	年 月 日	年 月 日

注：客户确认盖章后，请将此承认书回传到我公司。

Gaoke Ant Co., Ltd.

No. 22, Guangcong South Road, Shengang, Conghua District, Guangzhou City, Guangdong Province, China

Tel: 020-87080630/87080639/87080632

Fax: 020-87080731

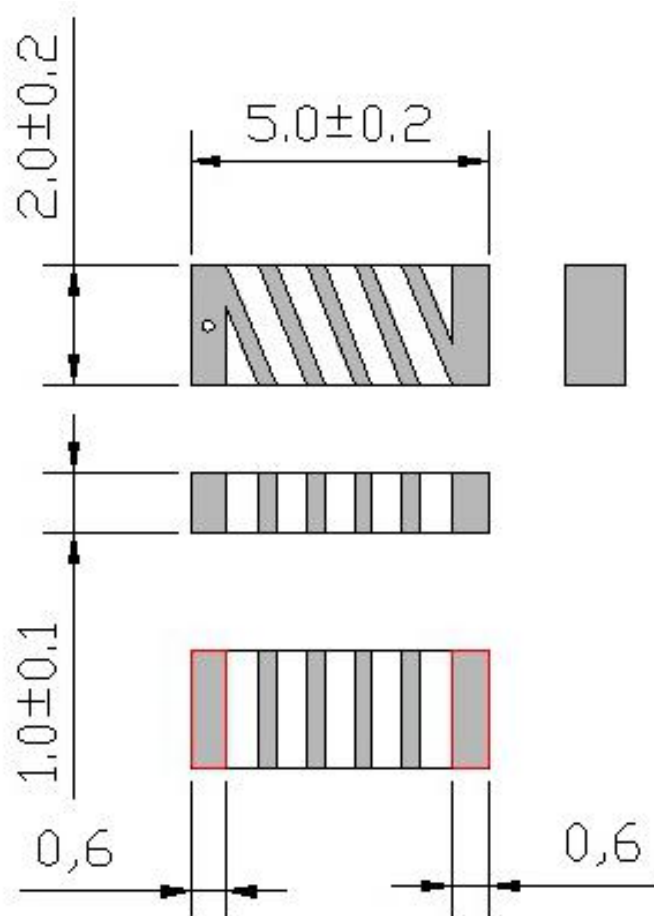
<http://www.gkzs.com.cn>



Description Record

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1. Dimision (mm)



2. Scope of application

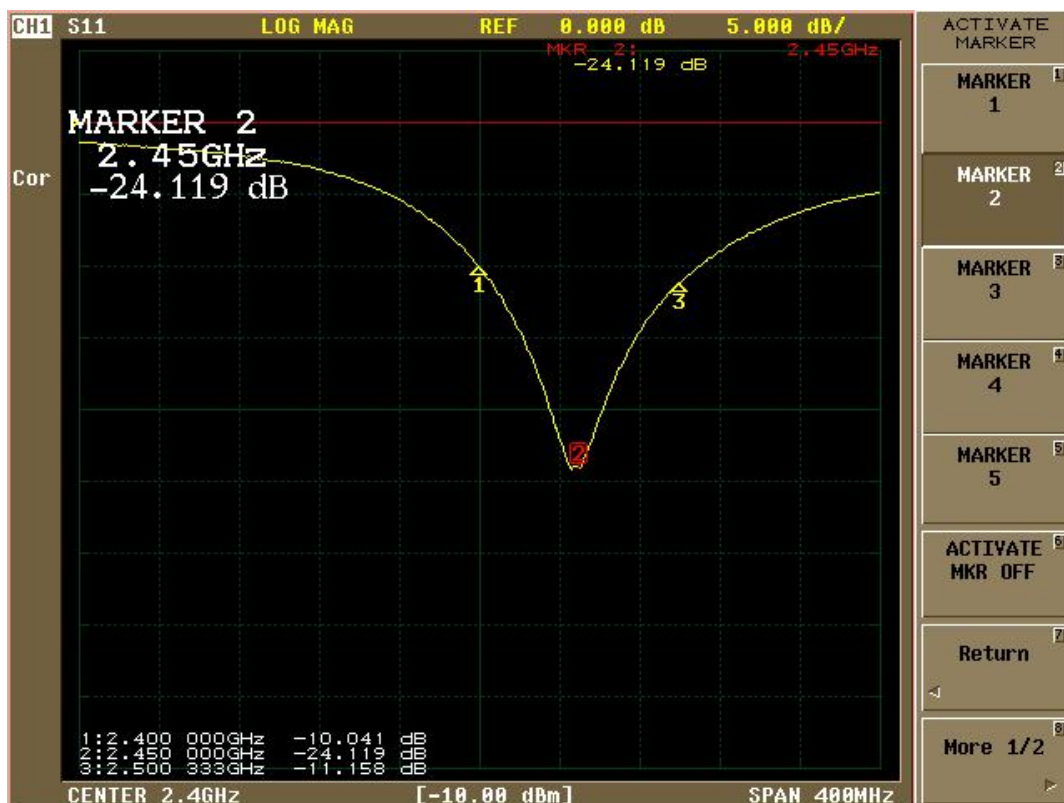
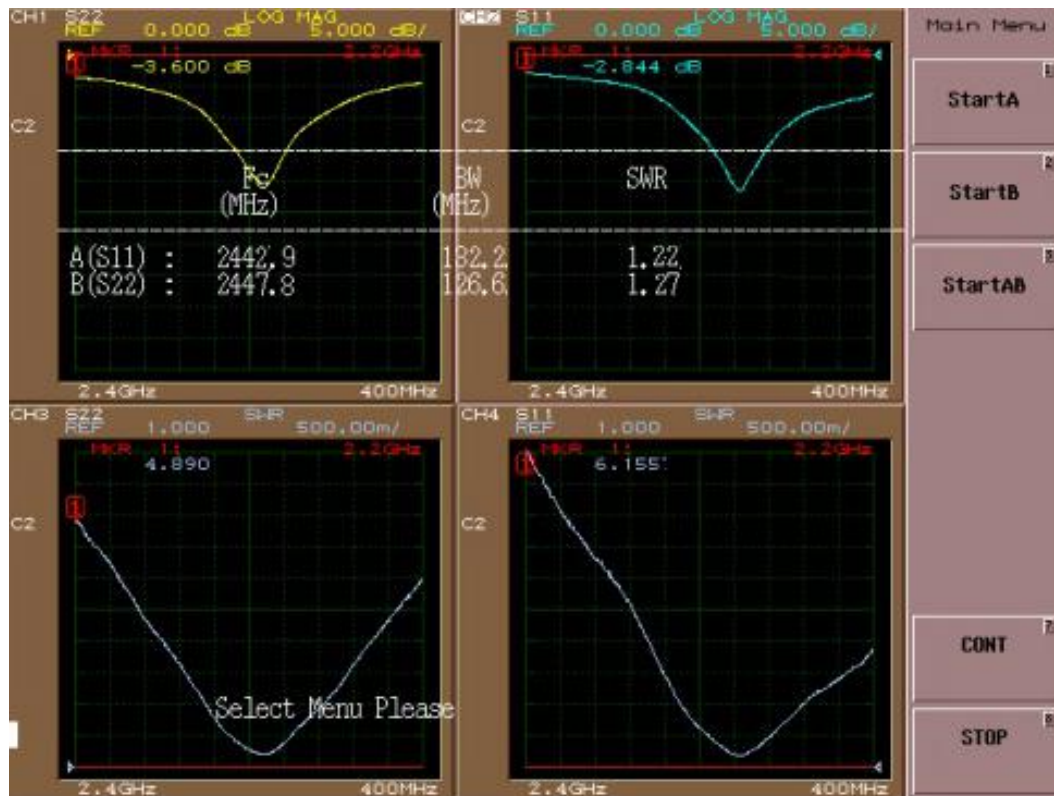
Bluetooth headset systems and handheld devices that require WiFi/Bluetooth functionality, such as smartphones. Wireless PCMCIA Card or USB dongle



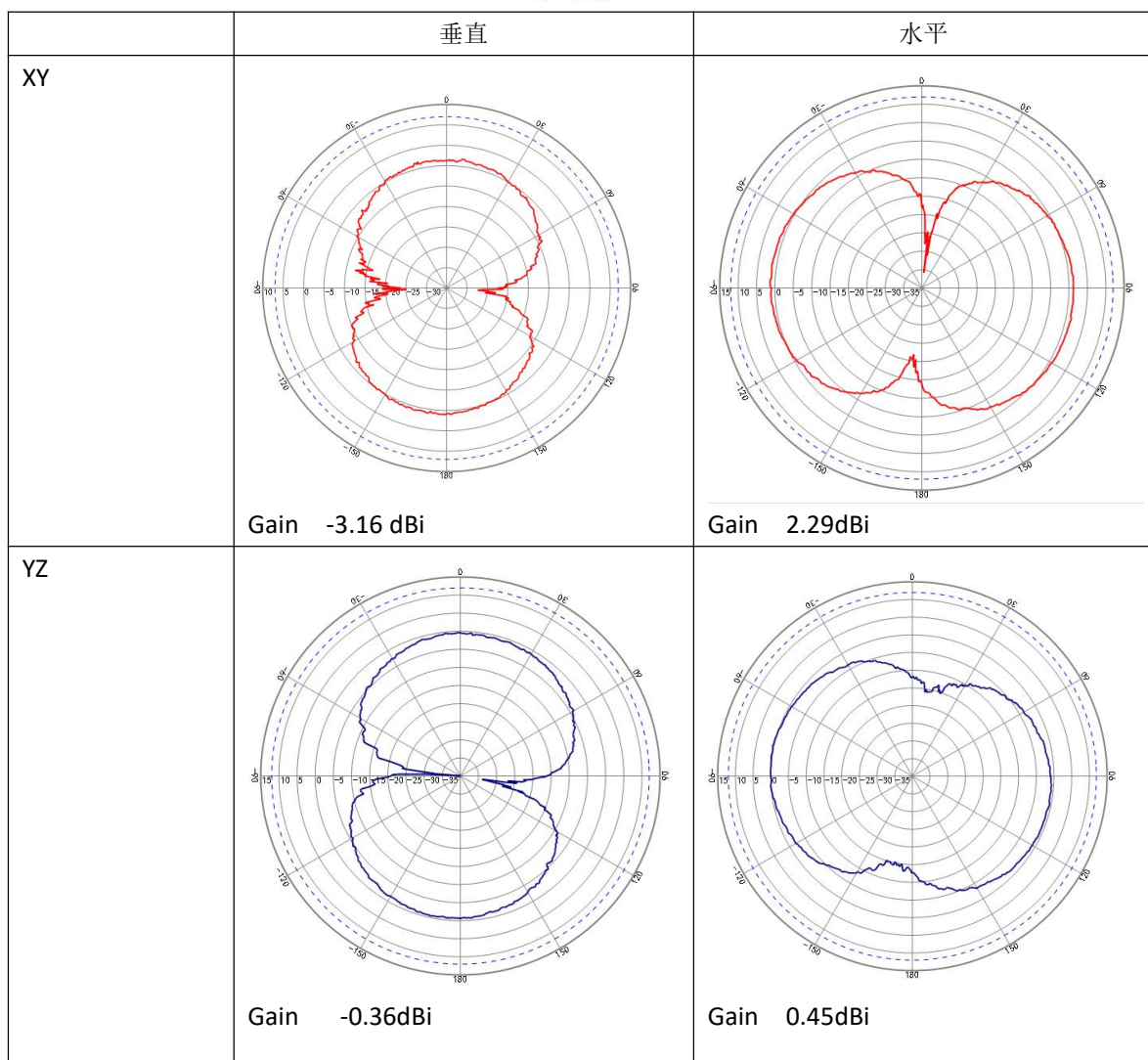
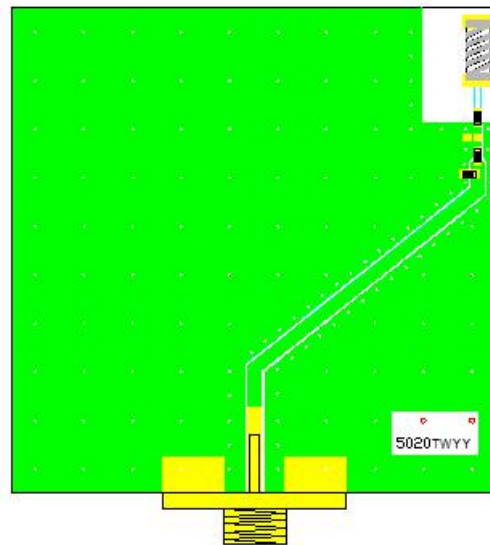
3. Specifications

Design Specifications	Typical	Units
Antenna Type	Ceramic antenna	
工作频率(working Frequency)	2400~2500 MHz	MHz
增益 (maximum Gain)	2.29dBi	dBi
电压驻波比 (VSWR)	≤ 2.0	
阻抗(impedance)	50 Ω	
最大输入功率 (Maximum Input Power)	2W	
天线尺寸(Overall dimensions)	5.0x2.0x1.0mm	mm
重量(Weight)	0.05g	g
工作温度(Operatin Temp)	-40°C~85°C	°C
储存温度(Storing Temp)	-40°C~85°C	°C

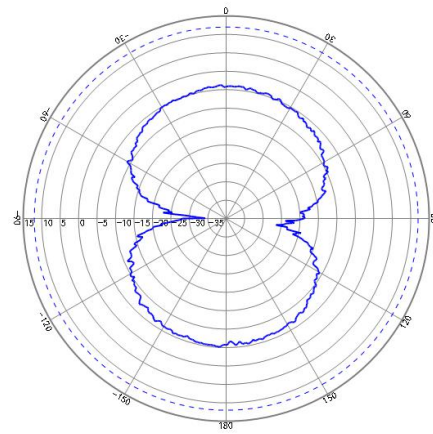
4. SWR



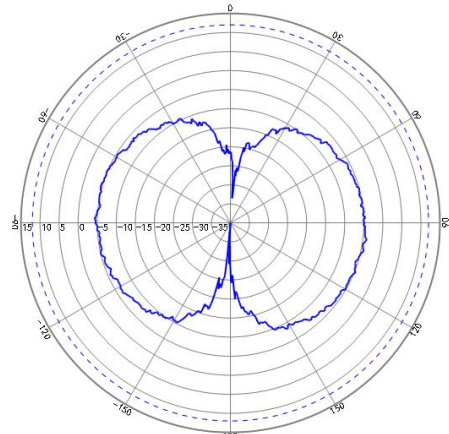
5.2 Patten



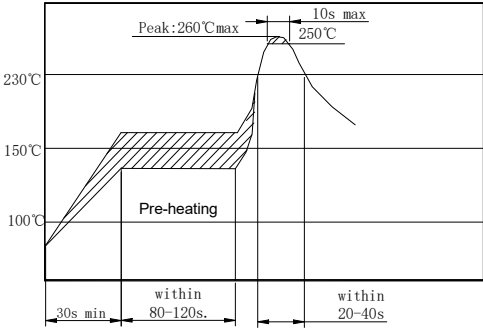
ZX



Gain -3.31dBi



Gain -3.73dBi

9.6	焊接试验	在以下条件下通过回流炉，在室温下放置 1h 后测量。  The graph shows a temperature profile for reflow soldering. The y-axis represents temperature in degrees Celsius, with markers at 100°C, 150°C, and 230°C. The x-axis represents time. The profile starts at 100°C, rises to a plateau at 150°C labeled 'Pre-heating', then rises to a peak of 260°C labeled 'Peak: 260°C max'. The time from the start of the pre-heating plateau to the peak is labeled 'within 80-120s'. The time at the peak is labeled '10s max'. After the peak, the temperature falls to 250°C, and the time at this temperature is labeled 'within 20-40s'. The initial ramp from 100°C to 150°C is labeled '30s min'.	应符合规范要求
9.7	焊接能力	用松香助焊剂（25%乙醇溶液）在 $245^{\circ}\text{C} \pm 5^{\circ}\text{C}$ 焊锡槽中浸泡 $3\text{s} \pm 0.5\text{s}$	端子应至少 95% 被焊料覆盖。