



Gaoke Ant Co., Ltd.

Specification

Customer

NA

Supplier

Guangzhou Gaoke ant Co., Ltd

Customer P/N

NA

Production Name

WIFI PCB antenna

Production Number

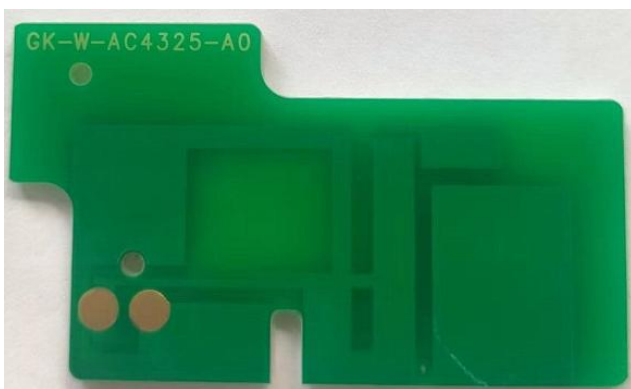
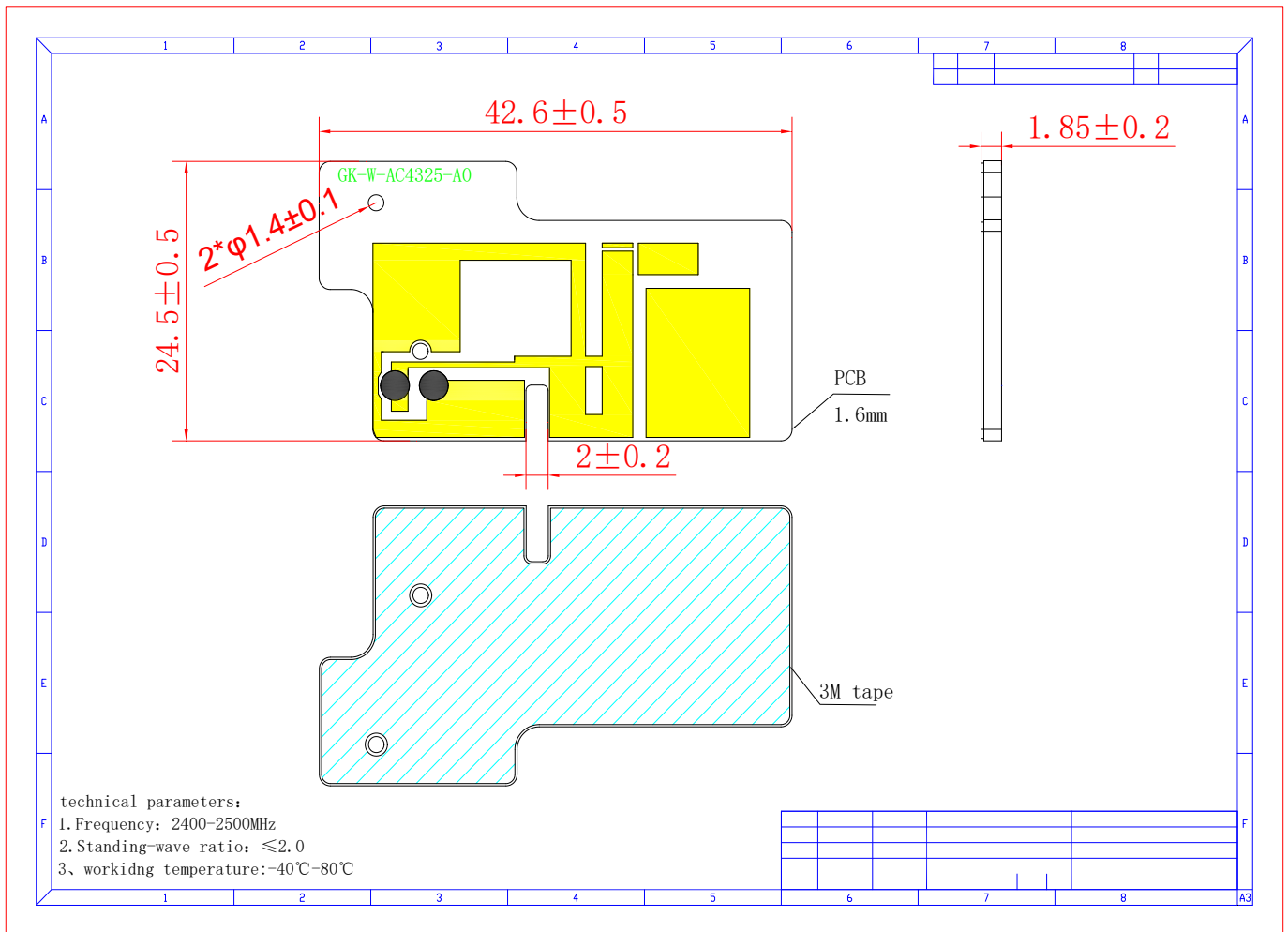
GKZS-WIFI-AC4325

Tel: 020-87080630/87080639/87080632

Fax: 020-87080731

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

Product structure drawing (mm)

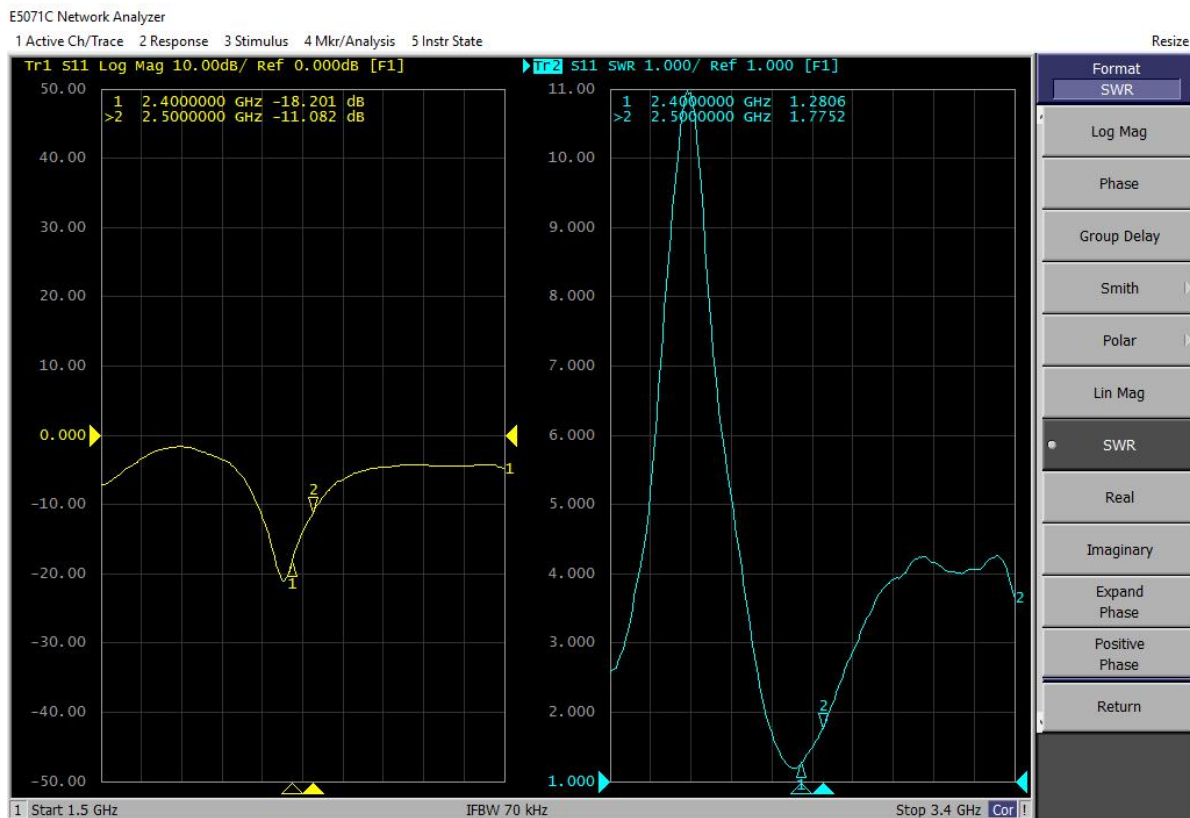


Antenna technical parameters

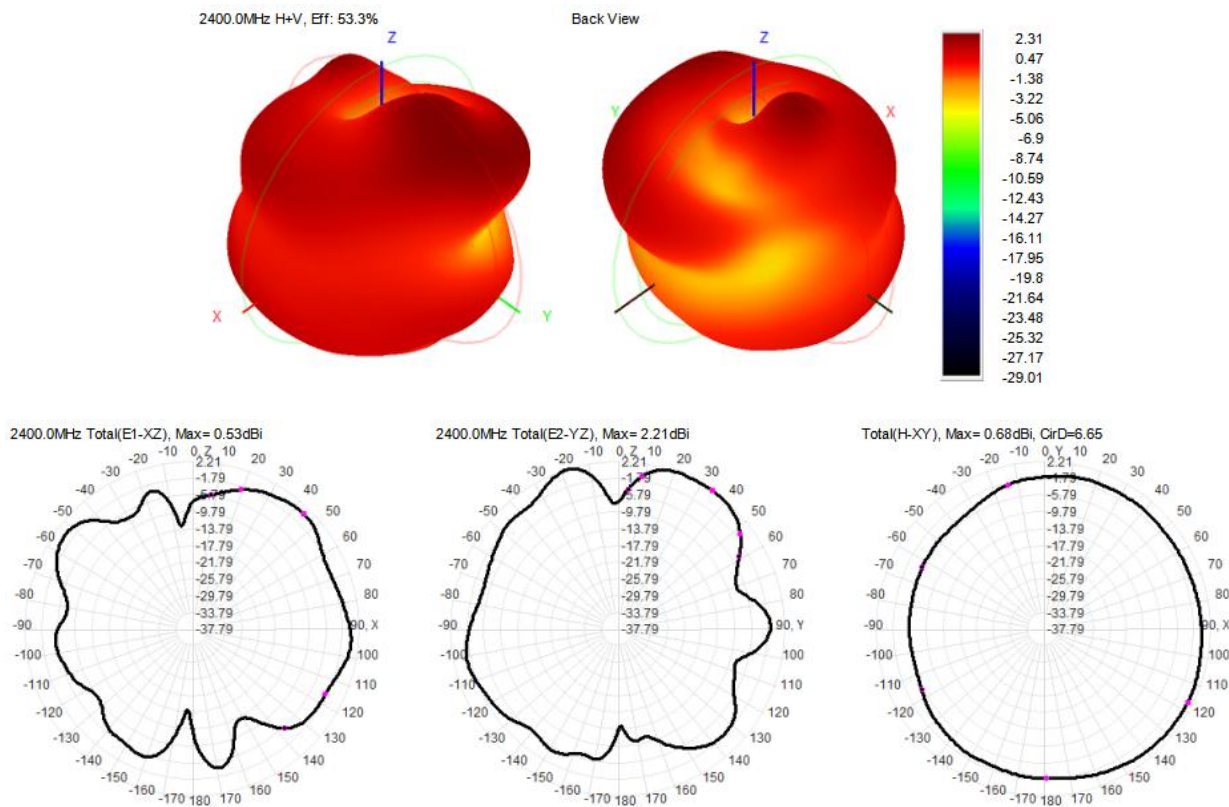
Model#	Ex: GKZS-WIFI-AC4325
Type	Ex: WIFI, PCS antenna
Frequency band	Ex: 2400-2500MHz
Standing-wave ratio	Ex: ≤ 2.0
Efficiency	Ex: $\geq 45\%$
Gain	Ex: 2.21dBi (average) , 2.27dBi (peak)
Active/passive	Ex: passive
Size	Ex: 42.6x24.5x1.85mm
Working temperature	Ex: -40℃~80℃
Capacity	Ex: 33dBm
Characteristic impedance	Ex: 50 Ω
Salt mist level	Ex: 48H
Weight	Ex: $\leq 20g$
Remark	Ex: N/A

Antenna performance test results

Return loss & Standing wave ratio

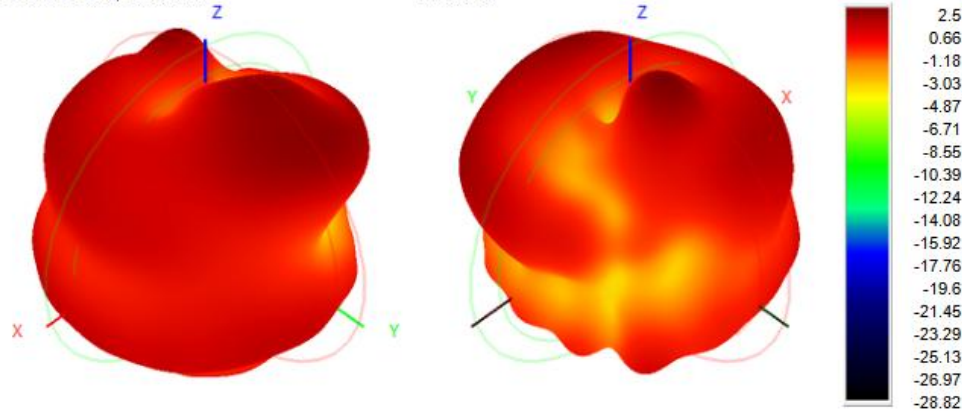


Directional diagram (2D & 3D)



2450.0MHz H+V, Eff: 52.6%

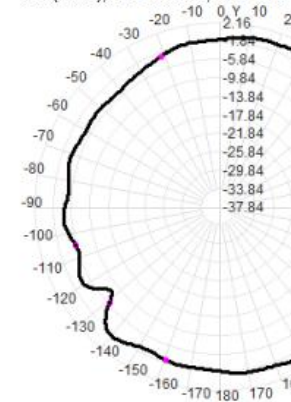
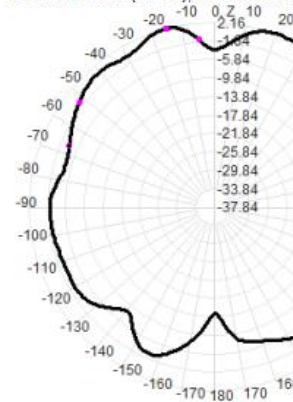
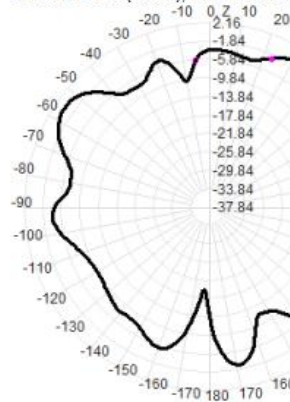
Back View



2450.0MHz Total(E1-XZ), Max= 0.20dBi

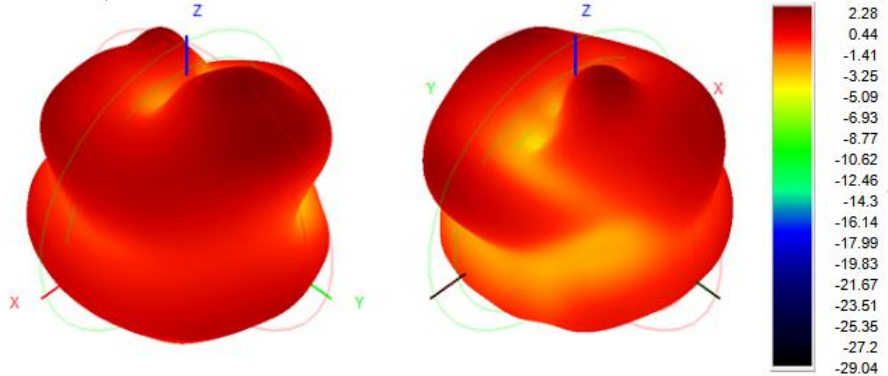
2450.0MHz Total(E2-YZ), Max= 2.16dBi

Total(H-XY), Max= 0.27dBi, CirD=8.76



2500.0MHz H+V, Eff: 49.9%

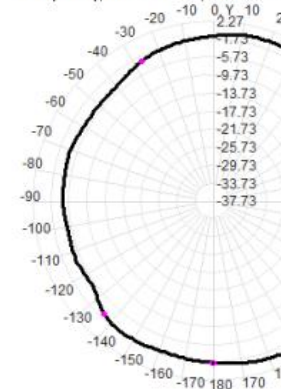
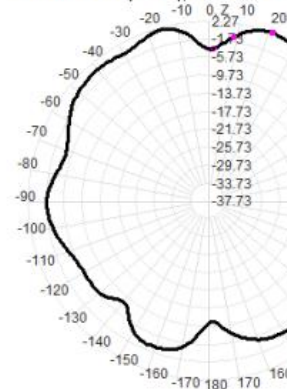
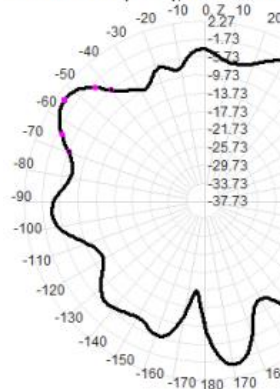
Back View



2500.0MHz Total(E1-XZ), Max= 0.56dBi

2500.0MHz Total(E2-YZ), Max= 2.27dBi

Total(H-XY), Max= 0.14dBi, CirD=5.24



Efficiency vs. Freq(MHz) graph



Gain vs. Freq(MHz) graph

