

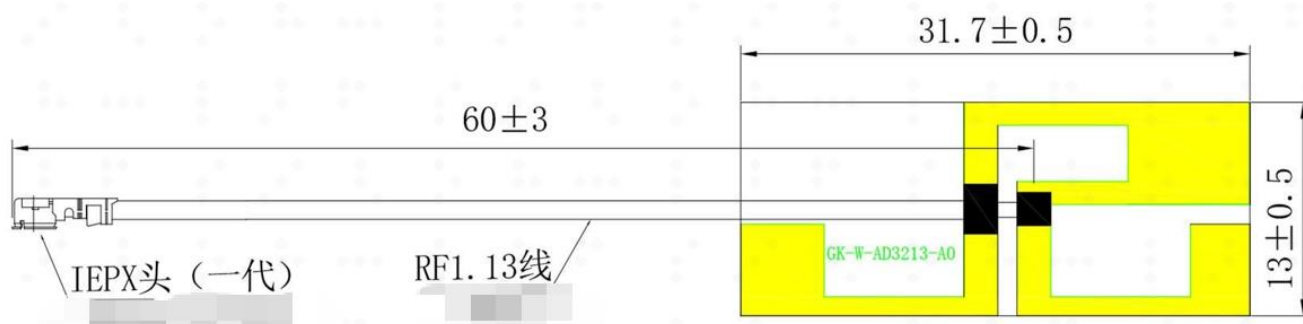
Specification For Approval

Supplier	Gaoke Ant Co., Ltd.
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Production Name	Built-in WIFI antenna
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Production Number	GKZS-WIFI-AD3213-RF1.13I-60A
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Product dimensions (mm) and pictures

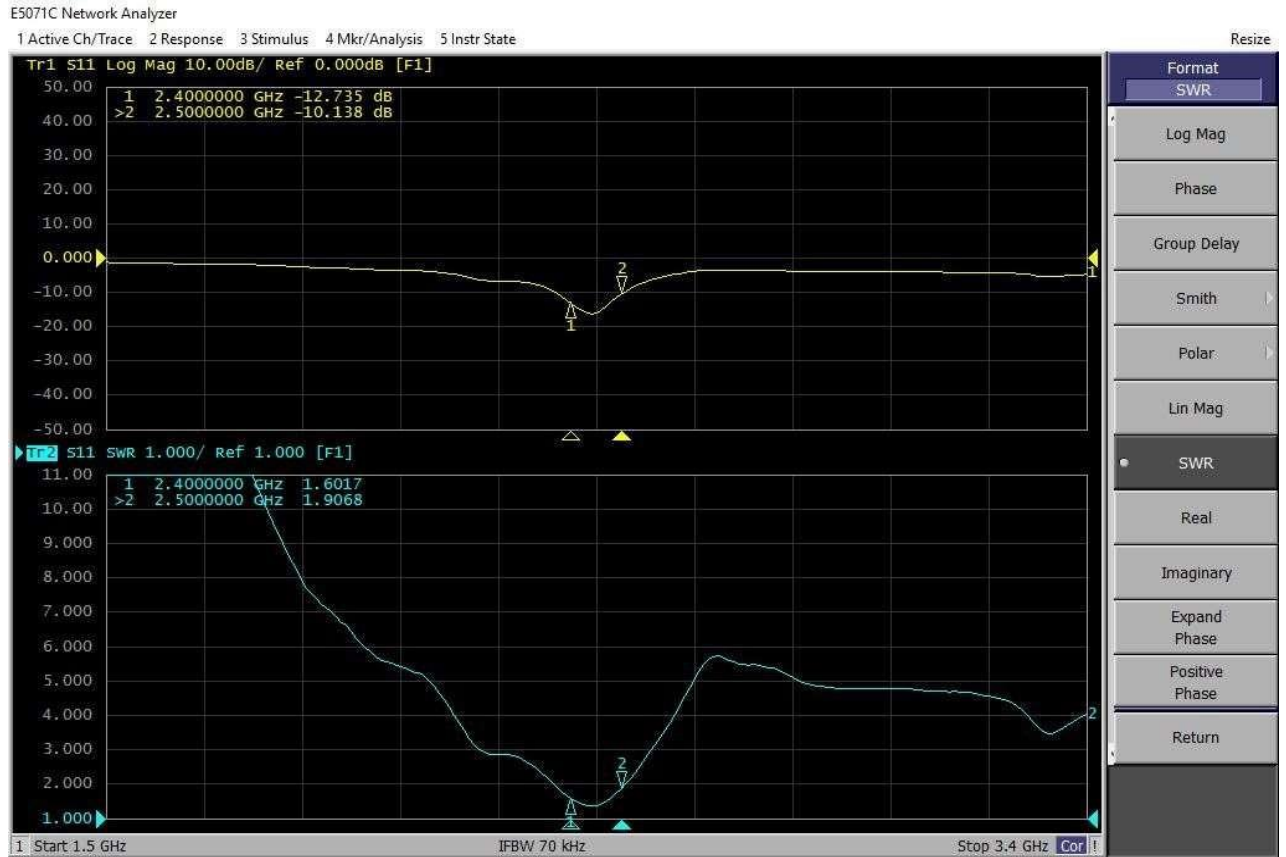


technical parameters

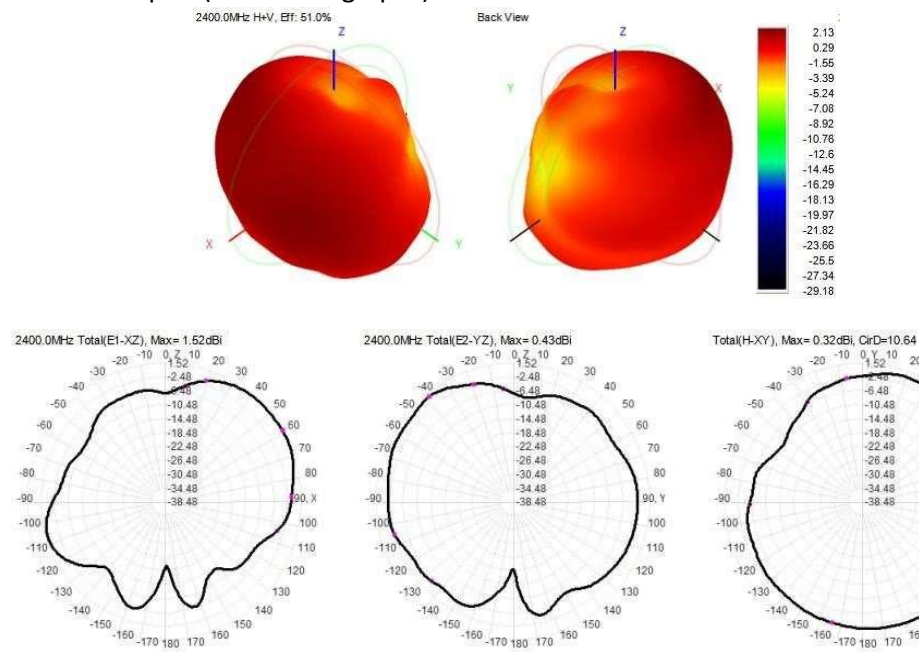
Internal model number	GKZS-WIFI-AD3213-RF1.13I-60A
Class	WIFI
frequency band	2400-2500MHz
type	Passive built-in antenna (FPC)
polarization	linear polarization
VSWR	≤ 2.0
efficiency	48.2% (average)、52.56% (crest value)
gain	2.04dBi (average)、2.55dBi (crest value)
Connector types	IPEX
Active/Passive	passive
Antenna size	31.7x13x0.12mm
Feed line type and size	RF1.13 Line (light gray) long 60mm
feeder loss	RF1.13 Line, 100MHz/6000MHz: $-10 \leq X < 0$
operating temperature	-40°C~80°C
power capacity	33dBm
characteristic impedance (R)	50 Ω

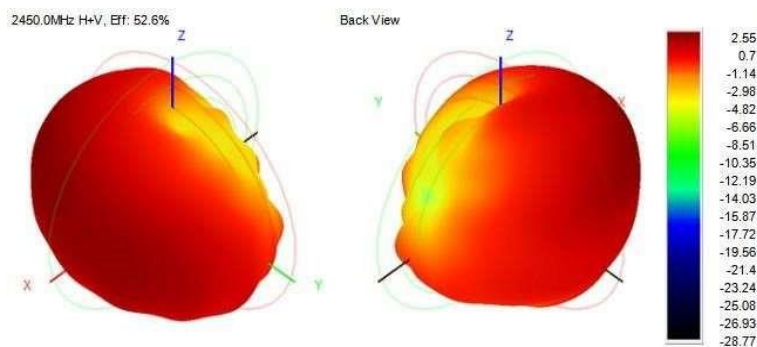
Antenna Performance Testing

Return loss & VSWR

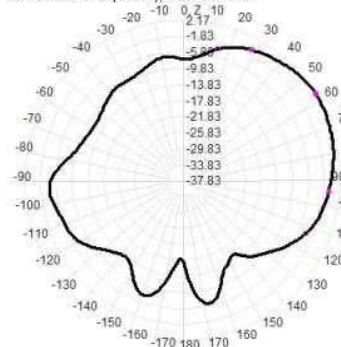


Directional plot (2D and 3D graphs)

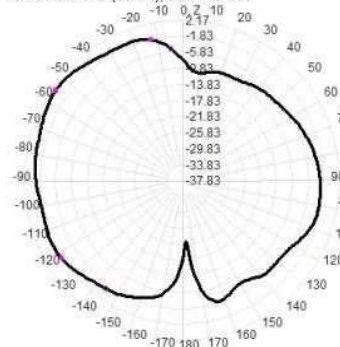




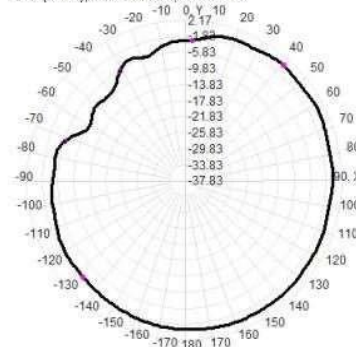
2450.0MHz Total(E1-XZ), Max= 2.17dBi



2450.0MHz Total(E2-YZ), Max= 1.26dBi



Total(H-XY), Max= 0.26dBi, CirD=10.50



Efficiency Curve Chart



Gain curve graph

