
Shenzhen Weili Gu Wireless
Technology Co., Ltd.

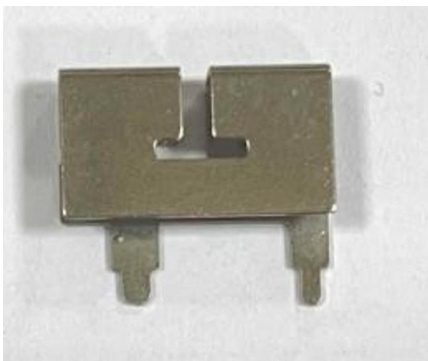
Antenna Specification Document

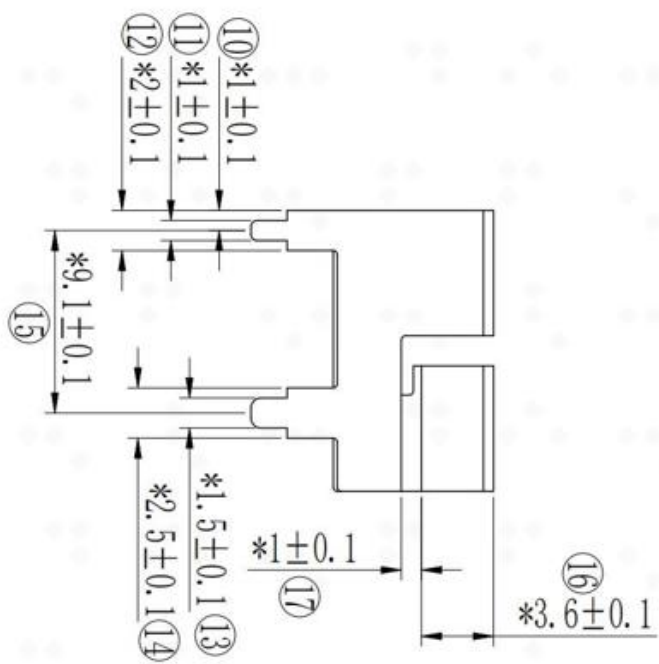
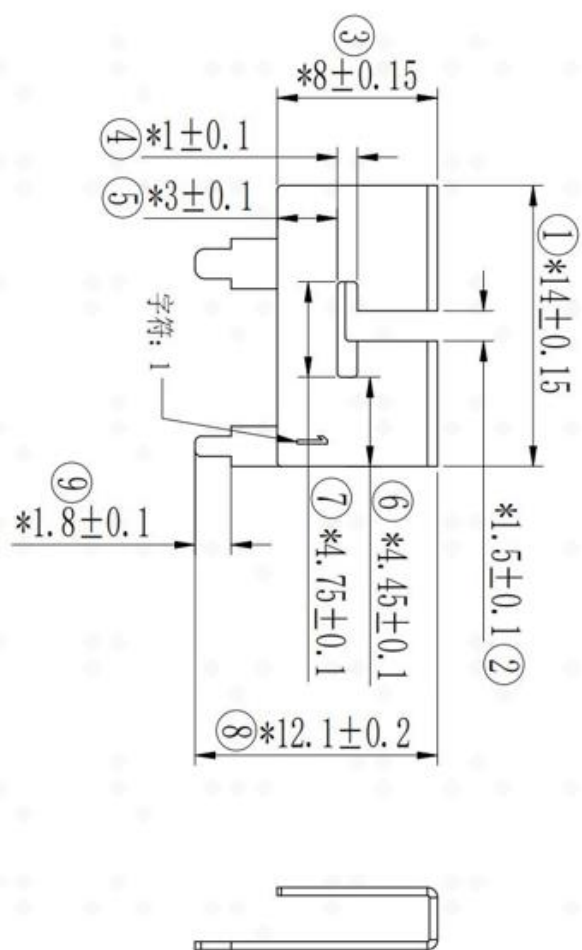
manufacturer	Shenzhen Weili Gu Wireless Technology Co., Ltd.
product name	AL002 WIF Antenna

2 Specification Sheet

Internal model number	V1350-152-A-01
frequency band	WIFI Antenna: 2400~2500MHz
form	dipole
craft	Steel sheet antenna
characteristic impedance	50Ω
polarity	linearly polarized
VSWR	<2
efficiency	50.42 ~ 52.93 %
gain	0.09 ~ 1.64 dBi
direction	omni antenna
Active input	passive
connection type	Angular contact
power capacity	33 dBm
operating temperature	-20~70℃

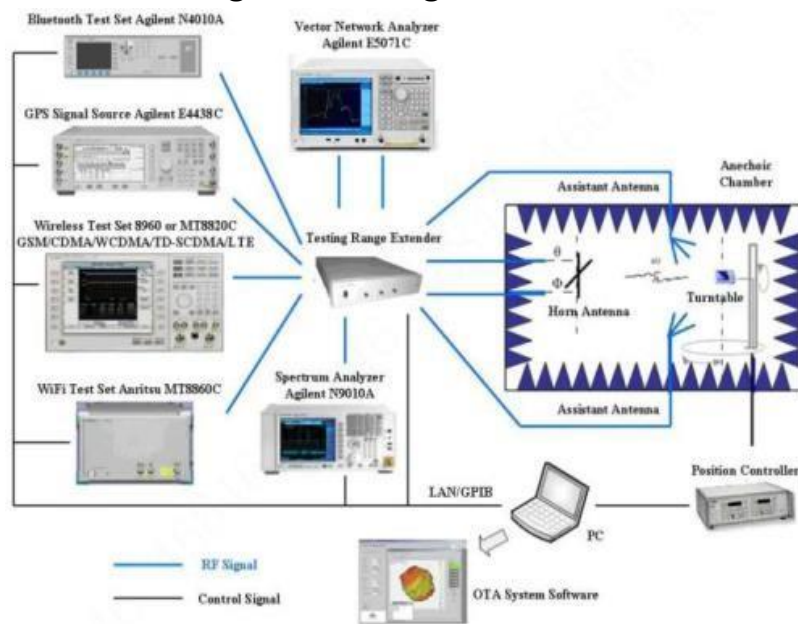
2. Dimensions (Unit: mm) and physical illustration





1 Performance Testing

2.1 Test configuration diagram



Passive testing

standing-wave ratio (SWR)



频率 (MHz)	2400	2500
VSWR	1.23	1.63

Efficiency & Gain

Freq(MHz)	Gain(dBi)	Efficiency(dB)	Efficiency(%)
2400	0.09	-2.89	51.46
2410	0.37	-2.93	50.98
2420	0.64	-2.88	51.46
2430	0.87	-2.89	51.35
2440	0.94	-2.92	51.01
2450	1.08	-2.82	52.28
2460	1.19	-2.78	52.74
2470	1.35	-2.76	52.93
2480	1.49	-2.77	52.79
2490	1.61	-2.79	52.61
2500	1.64	-2.97	50.42

2D direction graph

