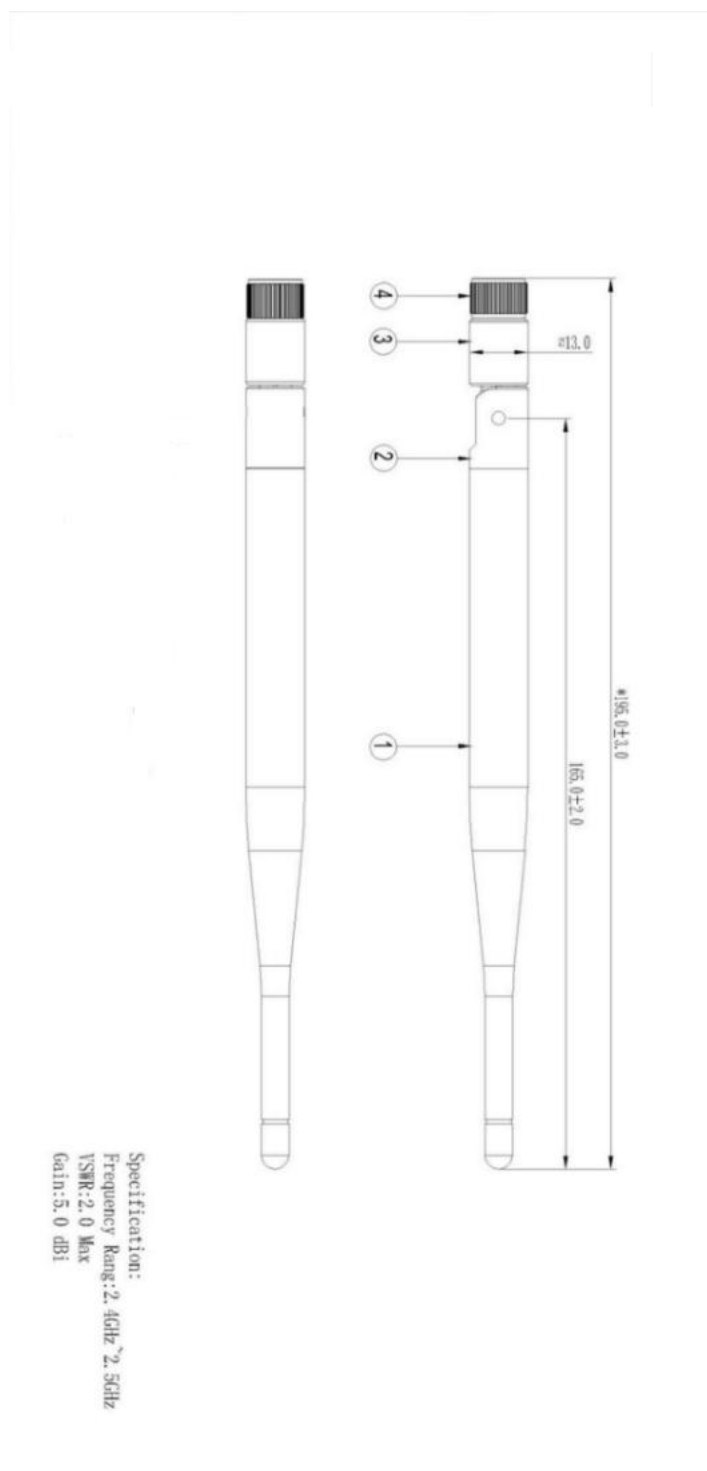


1. Design images



2. Parameters

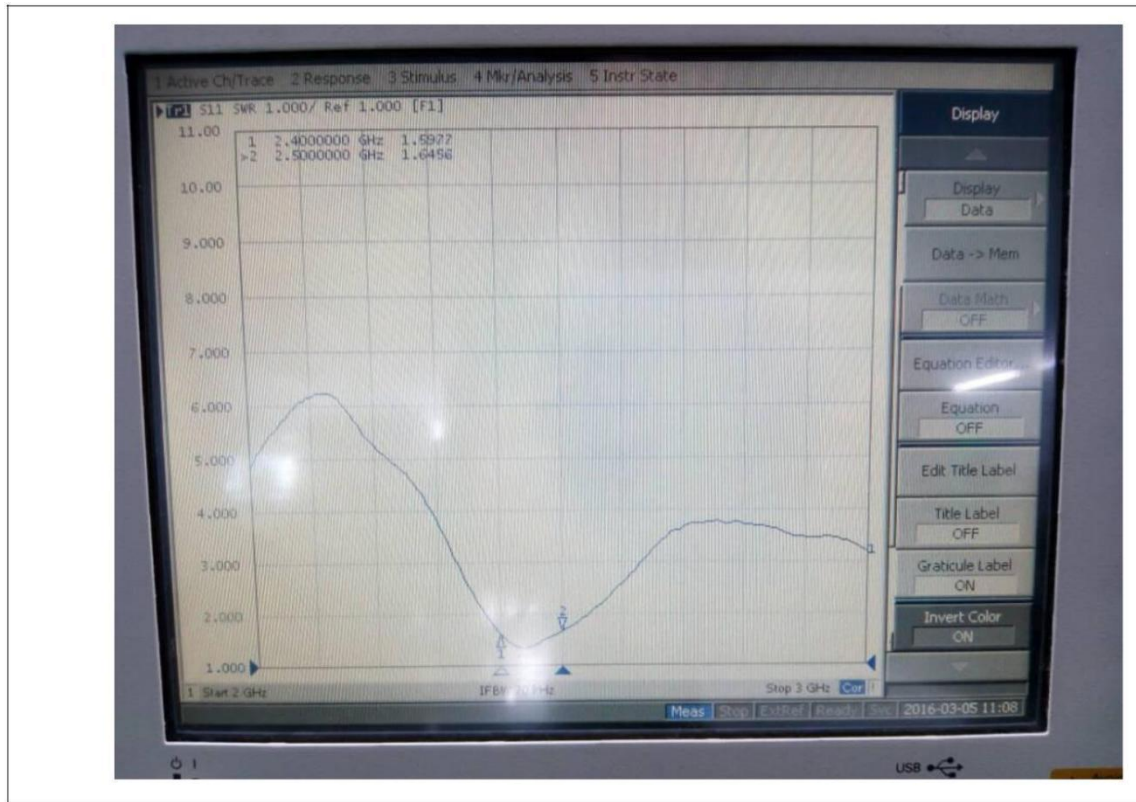
Patr number: V1461-005-A-01

Manufacture: ShenZhen VLG Wireless Technology Co.,Ltd
address: 3rd Floor,1st Building,1st sub-park of Taohuayuan Hi-Tech and Innovation Park,Xixiang,Bao'an,Shenzhen

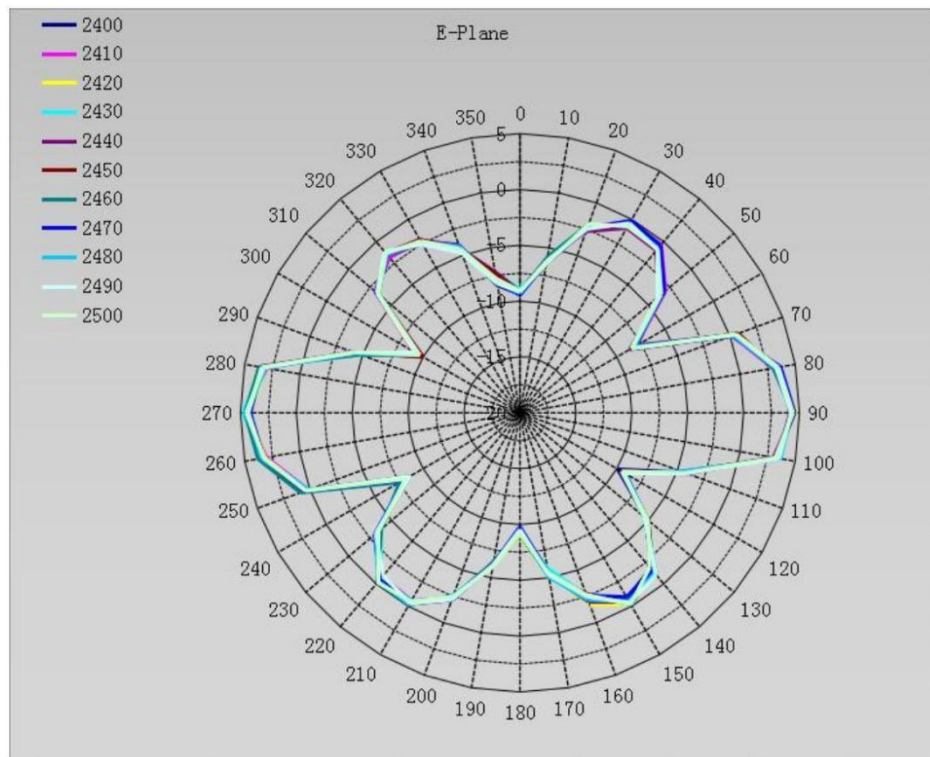
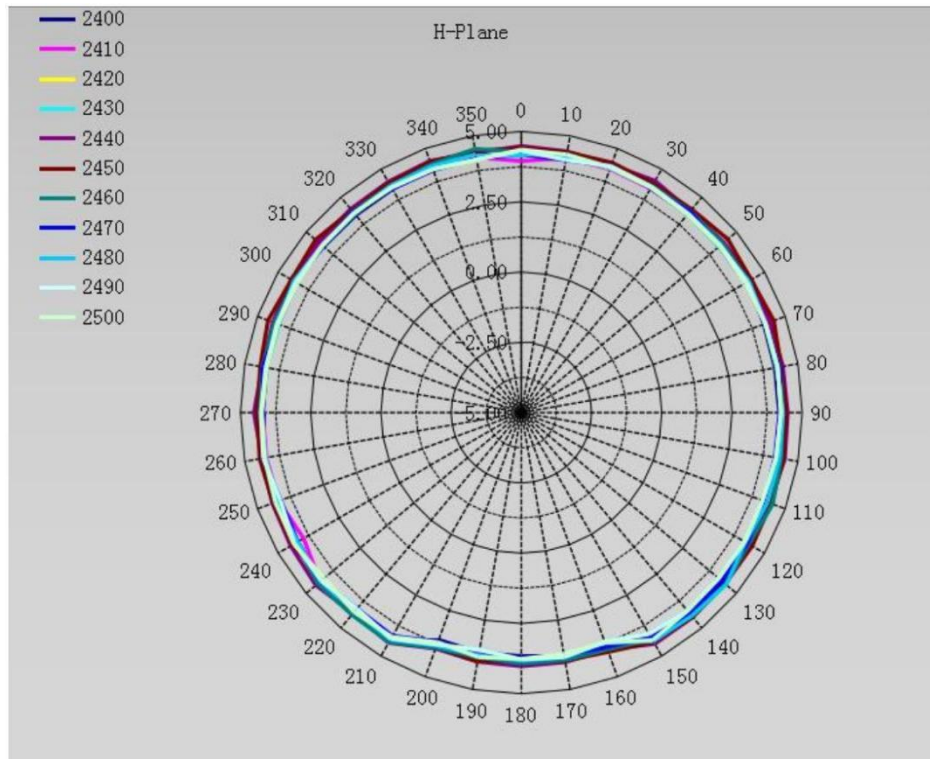
Electrical parameters	
Frequency range	2400-2500MHz
Input impedance	50 Ω
VSWR	≤ 2.0
Gain	5dBi
Power capacity	2w
Withstand voltage test	1KV
Polarization	vertical
Radiation direction	Omnidirectional
Connector type	RP-SMA-K
Mechanical parameters	
length	$195 \pm 3\text{mm}$
Sustainment force	1Kg
Plugging force	/
coaxial cable	RG178
Environment parameters	
Operation temperature	-30℃~65℃
Storage temperature	-30℃~70℃

3.test data

S11 Parameter



	Frequency (MHz)	Efficiency	Peak Gain(dBi)
WIFI2400MHz	2400	73.40%	4.78
	2410	75.70%	4.85
	2420	77.80%	4.90
	2430	76.70%	4.95
	2440	76.80%	4.90
	2450	77.40%	5.00
	2460	76.40%	4.96
	2470	75.60%	4.98
	2480	74.50%	4.90
	2490	73.20%	4.95
	2500	71.60%	4.82



4. Antenna photo

