

Antenna test report

manufacturer: Iphone-line.com

part name: 2.4G WIFI pcb ant

model: PCB-001

1: Test index:

Passive indicators

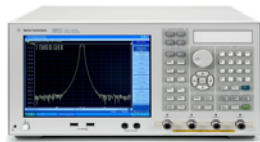
Gain

Efficiency

Radiation pattern

2: Test equipment:

测试设备
Test equipment



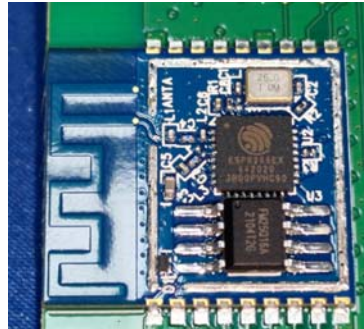
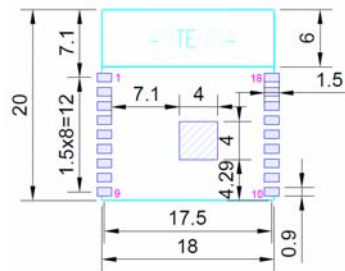
Agilent E5071C 矢量网络分析仪
Vector network analyzer



R&S CMW500 宽带无线通信测试仪
Wideband radio communication tester

3: Antenna length:

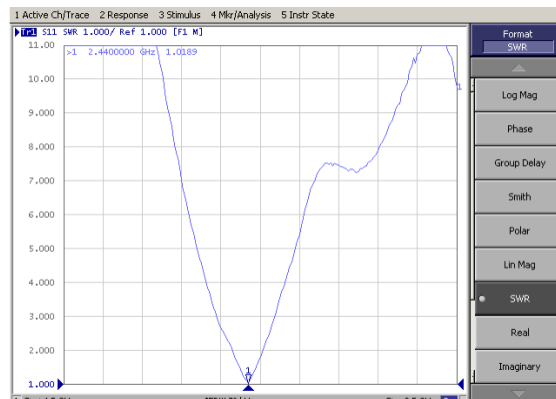
Unit:mm



4:Antenna gain and efficiency

ANT		
Freq(MHz)	Efficiency	Gian(dBi)
2400	25.48	-1.24
2410	24.95	-1.21
2420	27.14	-0.98
2440	26.34	-0.58
2450	25.14	0.00
2460	29.56	-0.58
2470	28.98	-1.32
2480	24.58	-0.21
2490	26.54	-0.47
2500	27.12	-0.25

5:Antenna SWR



6:Antenna Return loss

