

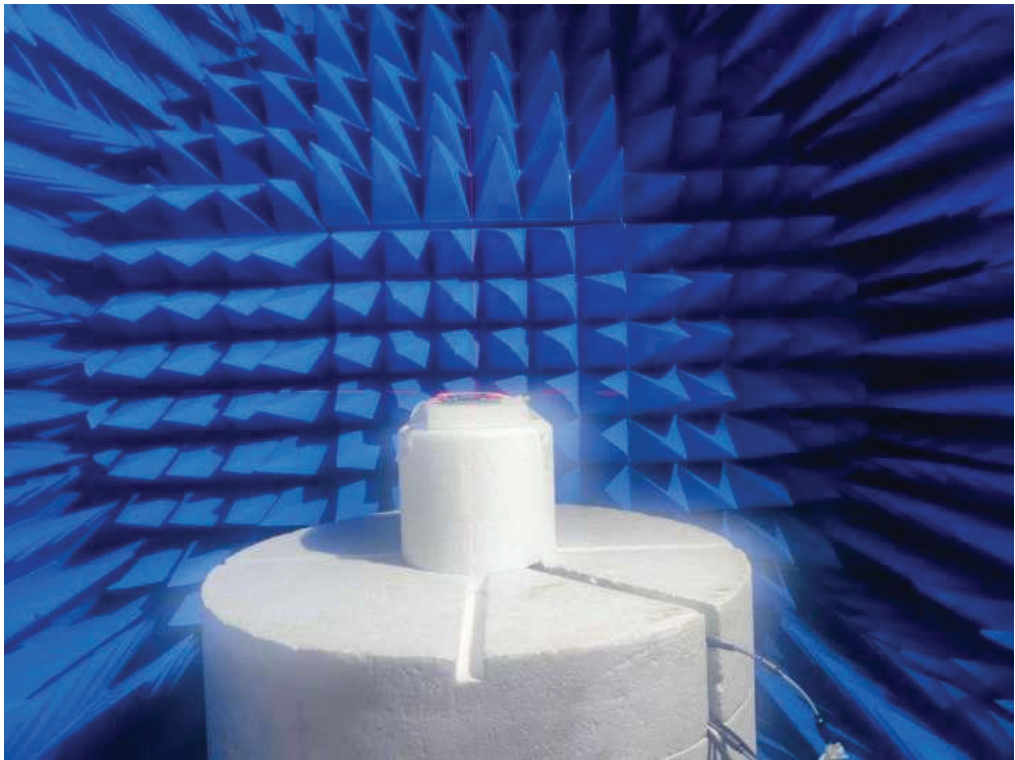
2.4G-2.48G Band Onboard PIFA antenna test report

Antenna manufacturer: Guohua Development Holding Co., Ltd

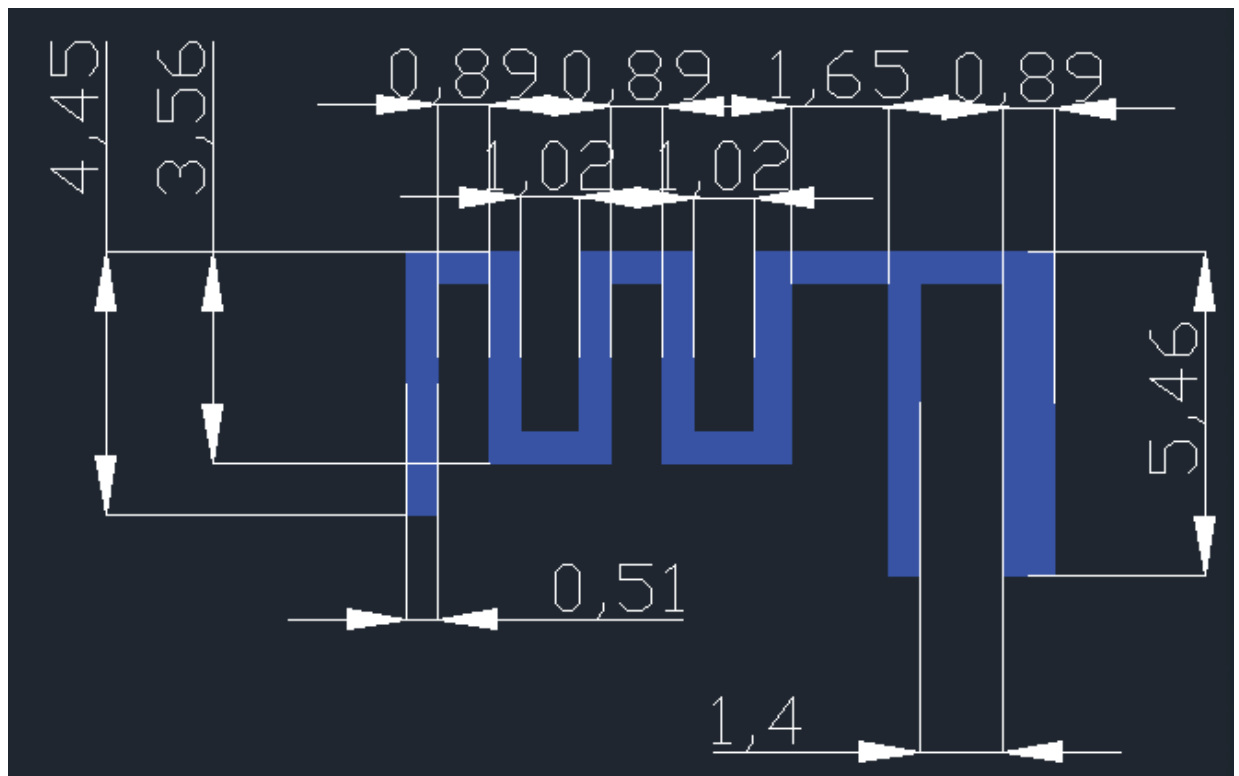
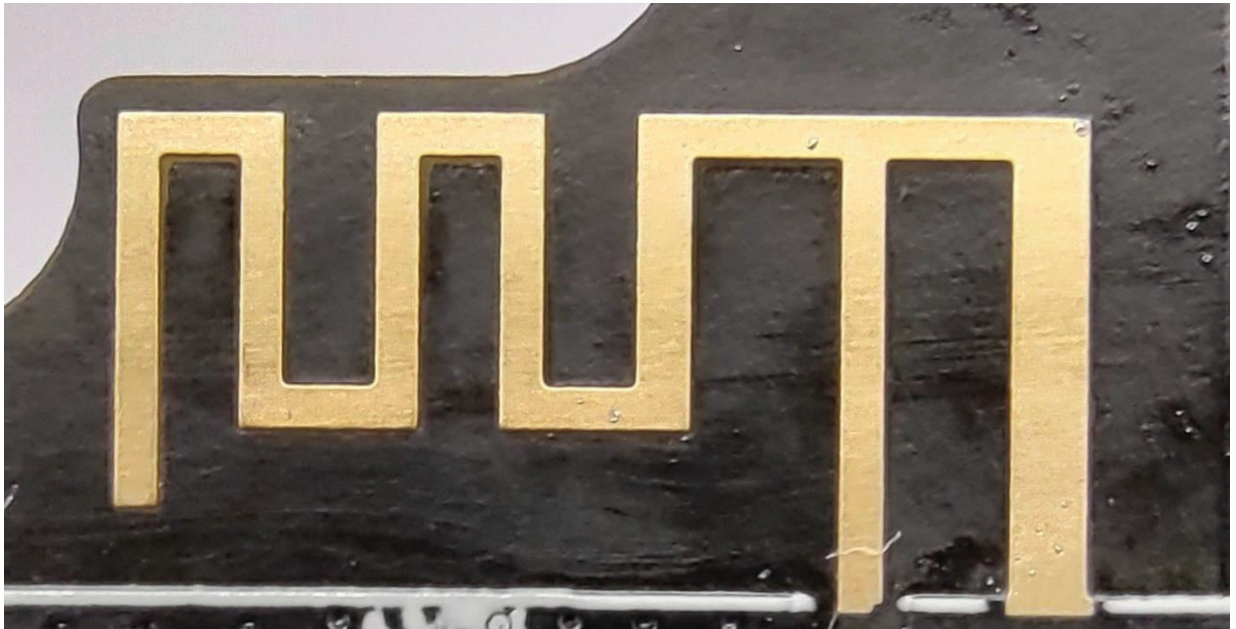
2/f, building4, xifa A industiral yintian,longteng community, xixiang street,
baoan district, shenzhen, China

SPECIFICATIONS	
Frequency (MHz)	2400-2480
Peak Gain (dBi)	2.499
Average Gain (dBi)	>-4
VSWR	<3.2
Impedance (Ω)	50 Ω
Antenna Type	Plannar Inverted F Antenna on board
Polarization	Linear

Test environment: Zhongke International darkroom test system



Physical object and physical size of the antenna



Antenna passive S parameter:

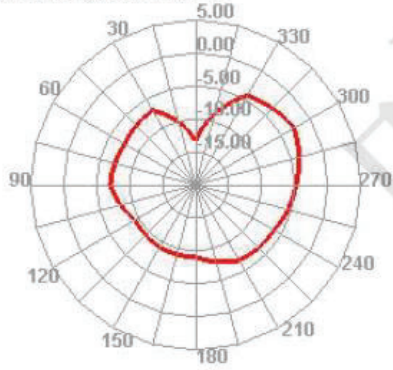
Standing wave ratio (VSWR), echo loss (Return Loss) and Smith circle diagram



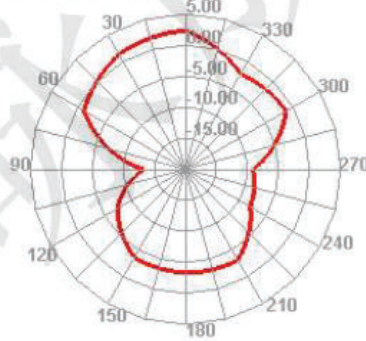
2400MHZ	2450MHZ	2500MHZ
2.450dbi	2.499dbi	2.000dbi

Antenna 2402MHz 2D-Theta Pattern

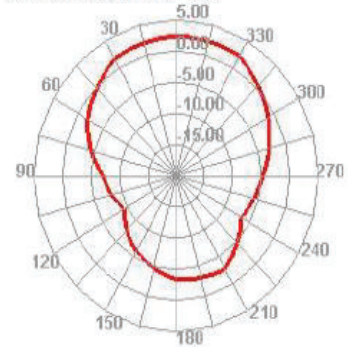
2400.000MHz H



2400.000MHz E1

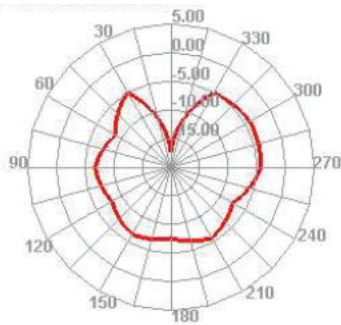


2400.000MHz E2

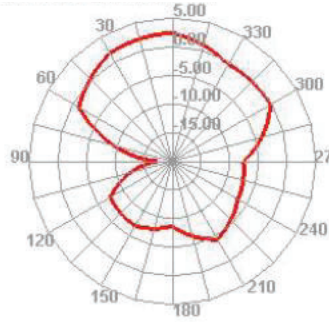


Antenna 2450MHz 2D-Phi Pattern

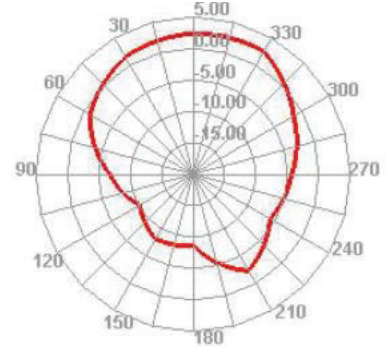
2450.000MHz H



2450.000MHz E1

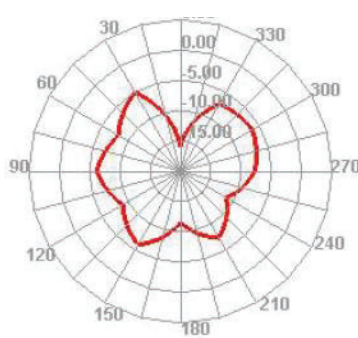


2450.000MHz E2

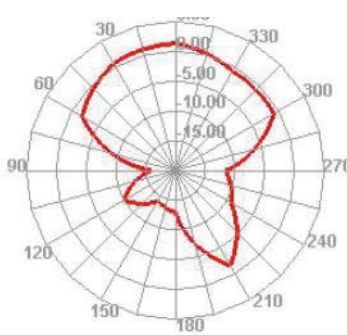


Antenna 2480MHz 2D-Phi Pattern

2480.000MHz H



2480.000MHz E1



2480.000MHz E2

