

2.4G-2.48G Band Onboard PIFA antenna test report

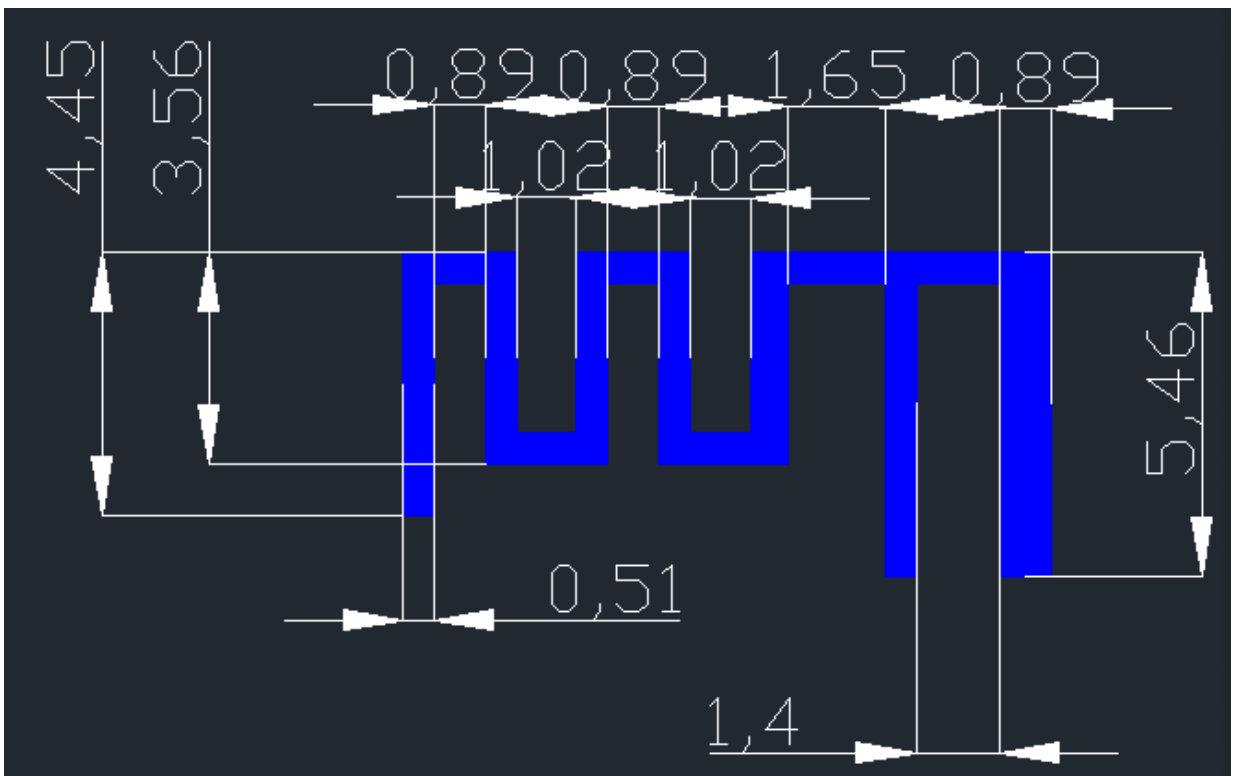
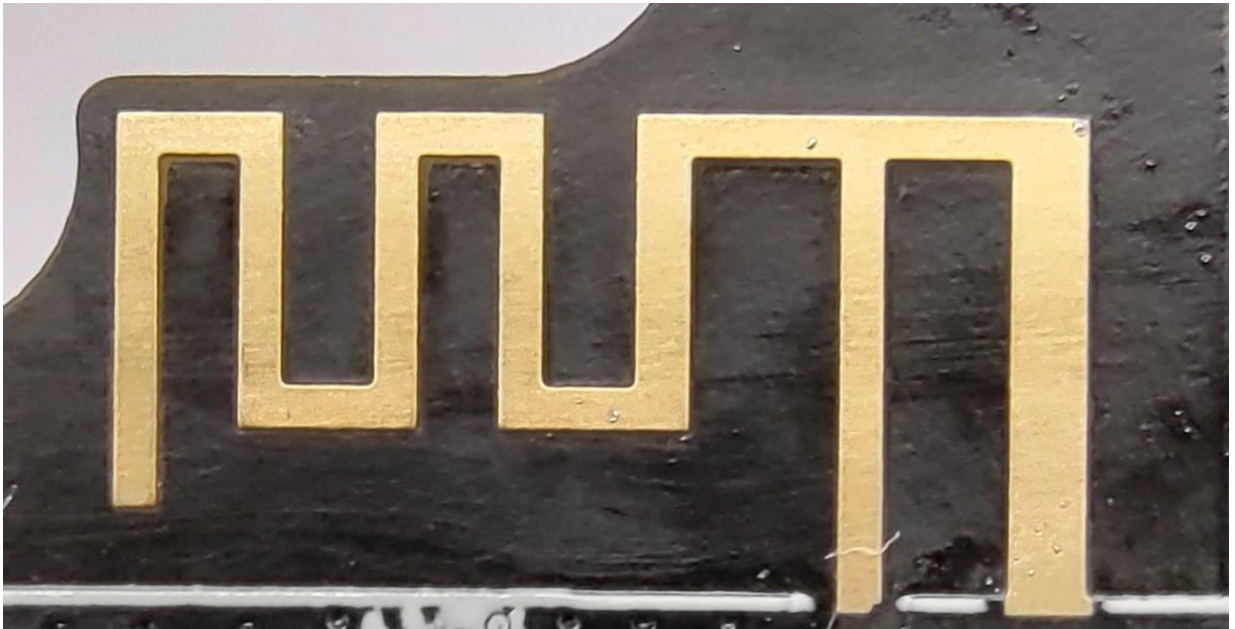
Antenna manufacturer: Guohua Development Holding Co., Ltd

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



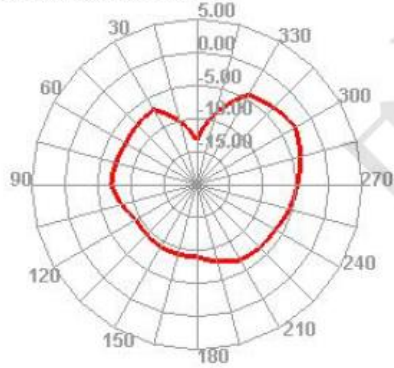
Antenna passive S parameter:

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

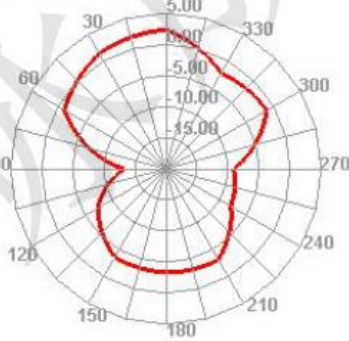


Antenna 2402MHz 2D-Theta Pattern

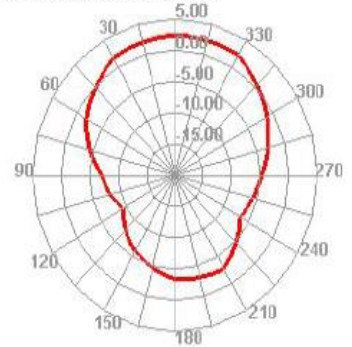
2400.000MHz H



2400.000MHz E1

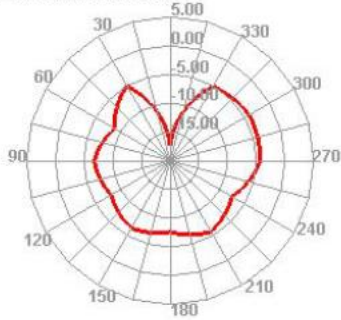


2400.000MHz E2

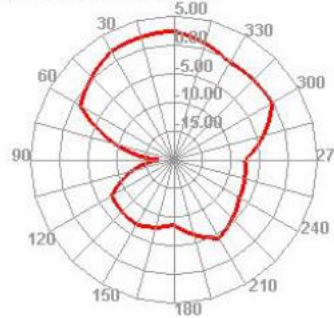


Antenna 2450MHz 2D-Phi Pattern

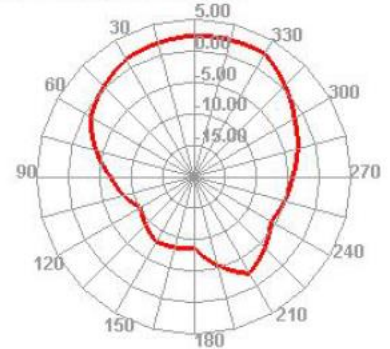
2450.000MHz H



2450.000MHz E1

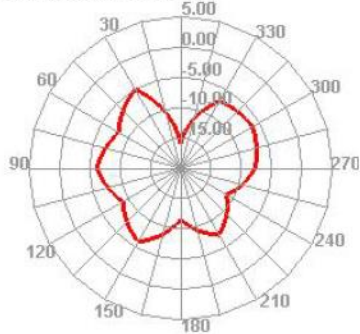


2450.000MHz E2

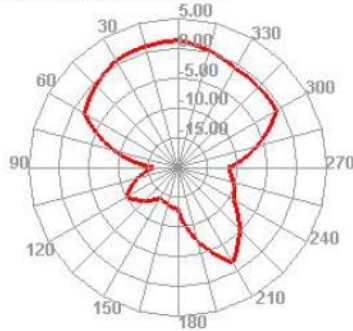


Antenna 2480MHz 2D-Phi Pattern

2500.000MHz H



2500.000MHz E1



2500.000MHz E2

