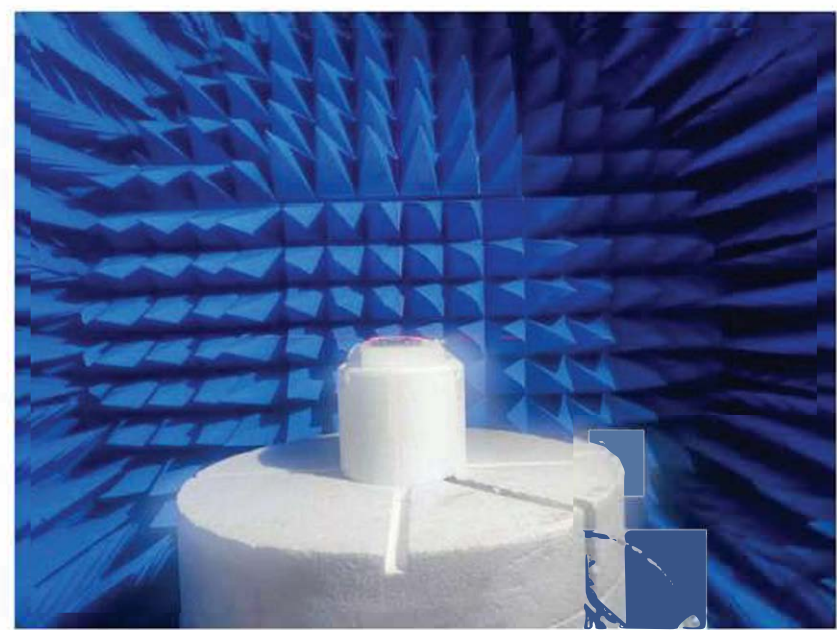


2.4G-2.48G Band Onboard PIFA antenna test report

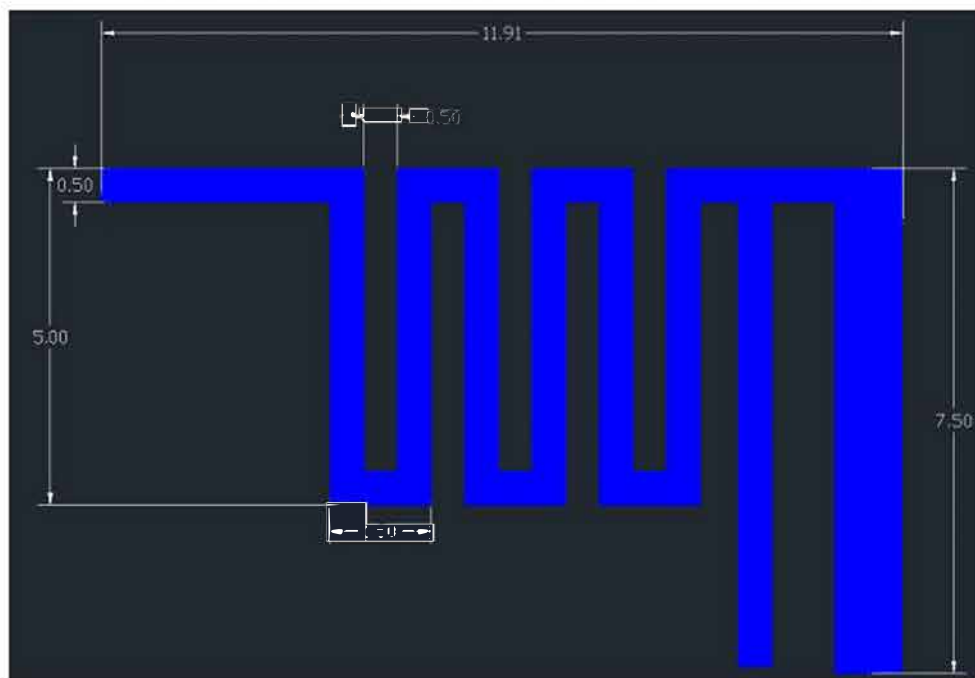
Antenna manufacturer: Guohua Development Holding Co., Ltd

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 (unit:mm)

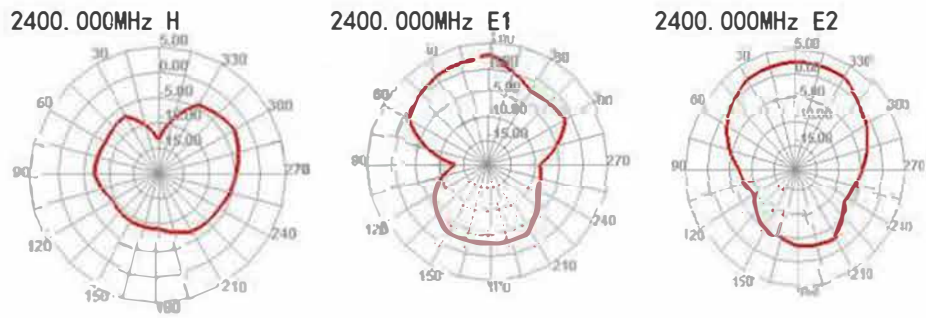


Antenna passive S parameter:

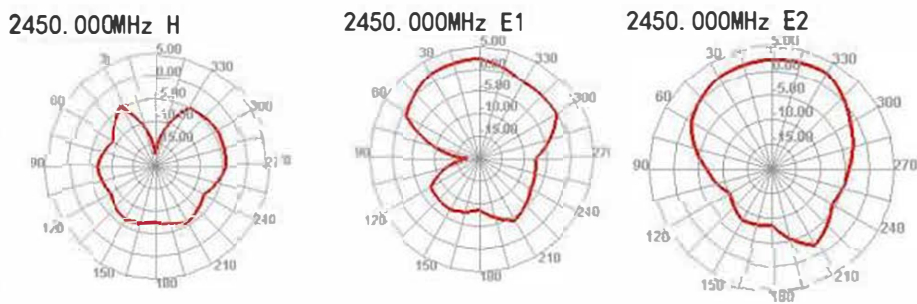
Standing wave ratio (VSWR), echo loss (Return Loss) and Smith circle diagram



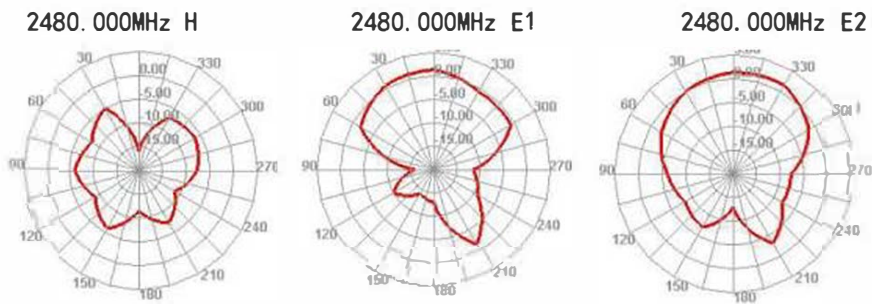
Antenna 2402MHz 2D-Theta Pattern



Antenna 2450MHz 2D-Phi Pattern



Antenna 2480MHz 2D-Phi Pattern



Manufacturer: Shenzhen Zuanma Intelligent Control Technology Co.,Ltd.

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