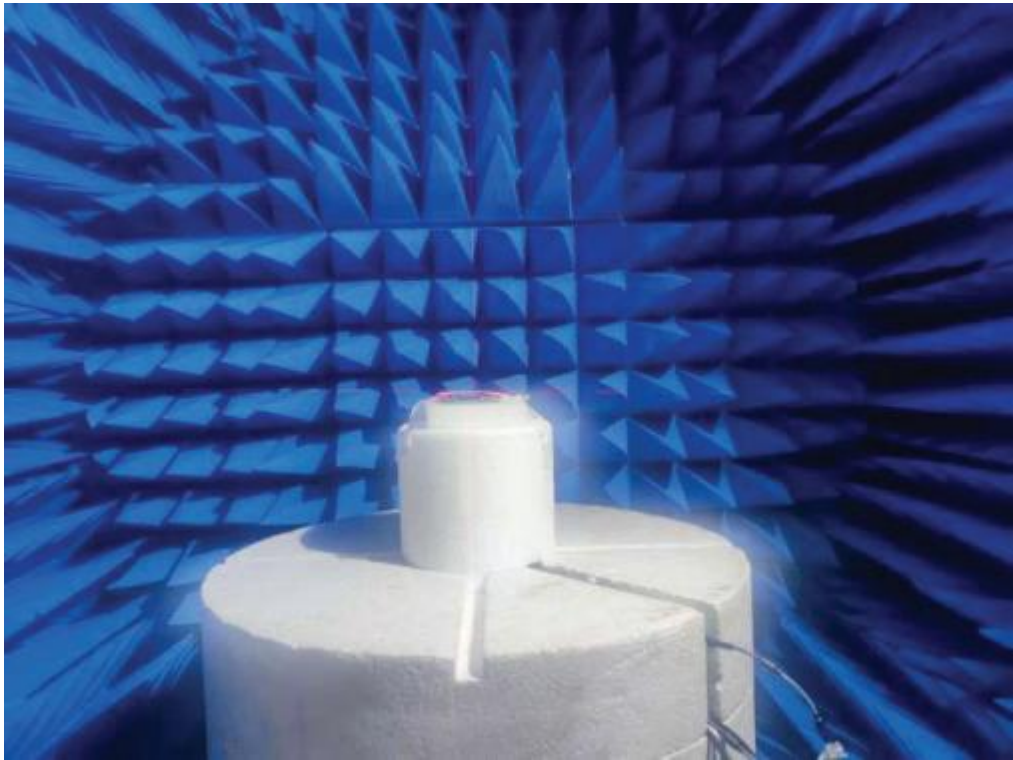


2.4G-2.48G Band Onboard PIFA antenna test report

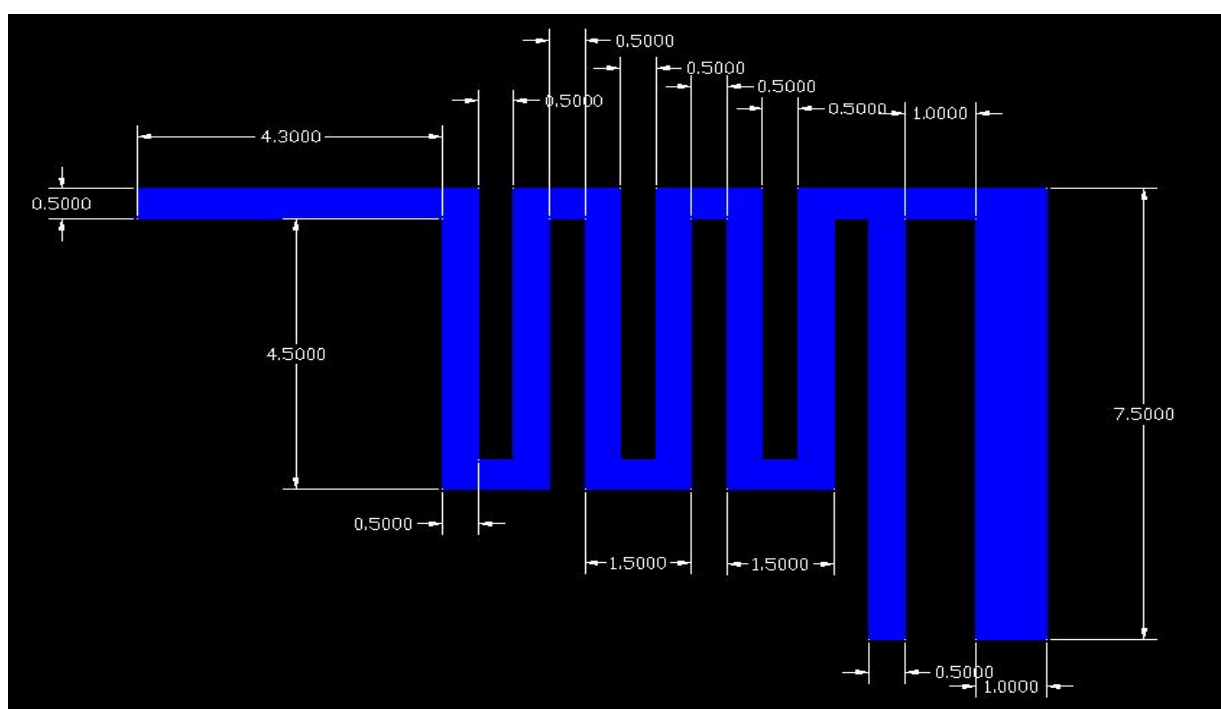
Antenna manufacturer: Guohua Development Holding Co., Ltd
Address: Room 308, Block L, Huizhanwan South Square, Heping Community, Fuhai Subdistrict, Bao'an District, Shenzhen City, Guangdong Province, P.R.China

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



2400.000MHz H 2400.000MHz E1

The figure displays two polar plots of radiation patterns at 2400.000MHz. The left plot, labeled 'H', shows a heart-shaped pattern with a maximum gain of 5.00 dB at 180 degrees. The right plot, labeled 'E1', shows a more complex, multi-lobed pattern with a maximum gain of 5.00 dB at 180 degrees and a minimum gain of -15.00 dB at 90 and 270 degrees.

2480.000MHz H

2480.000MHz E1