

# PCB on-board specification

Document Type: PCB Antenna

## 2、Specification

Product Number: PCB Antenna ZP5021

Manufacturer: ZHUHAI JIELI TECHNOLOGY CO.,LTD

Address: No.333 Ke Xing Road, Xiangzhou District, Zhuhai

ANT Photo:



### A. Electrical Characteristics

Frequency 2402 ~ 2482 MHz

S.W.R. <1.6

Gain -0.58dBi

Efficiency 35%

Polarization Lin ear

Impedance 50 Ohm

### B. Material & Mechanical Characteristics

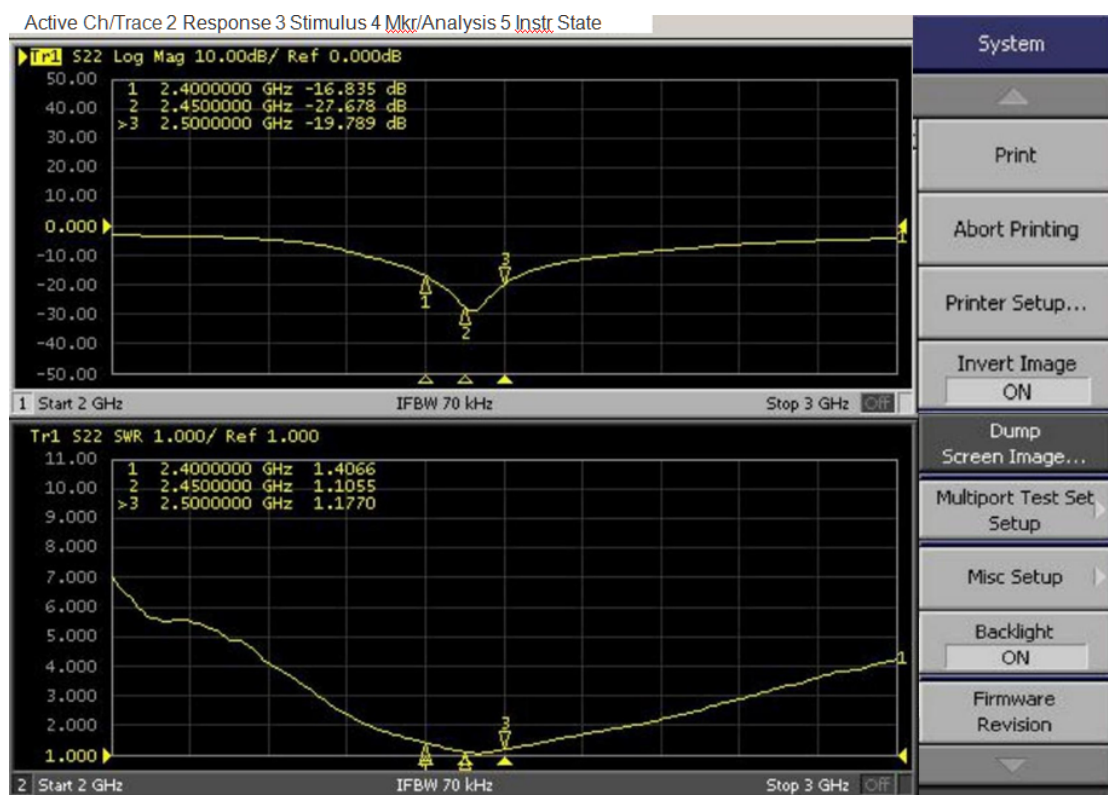
Material of Radiator Plated copper

### C. Environmental

Operation Temperature - 40°C ~ + 85°C

Storage Temperature - 40°C ~ + 105°C

## 3、Return Loss



## 4、 Radiation Pattern

Radiation Pattern and Gain were dependent on measurement board design. The specification of coil antenna was measured based on the PCB size and installation position as shown in the below figure Test Board.

