

Antenna data sheet

Operation frequency : 2.4-2.5 /5.15-5.85GHz

Antenna Type : FPC Antenna

Manufacturer : Dongguan Jomu electronic technology Co., LTD

Address : Room 202, No. 48 Fumin South Road, Dalang Town,
Dongguan City, China

Issue : 2024-11-16

一、Antenna specification sheet

Specification

1. Electrical Properties

- 1.1 Frequency
Range-----2.4-2.5&5.15-5.85GHz
- 1.2 Impedance----- 50 Ω
- 1.3 VSWR----- 2.0
- 1.4 Return Loss----- 2dB or Less
- 1.5 Radiation----- Omni-directional
- 1.6 Gain ----- 1.86dBi
- 1.7 Polarization ----- Linear polarization
- 1.8 Admitted Power----- 1W
- 1.9 Cable----- RG-113 Cable

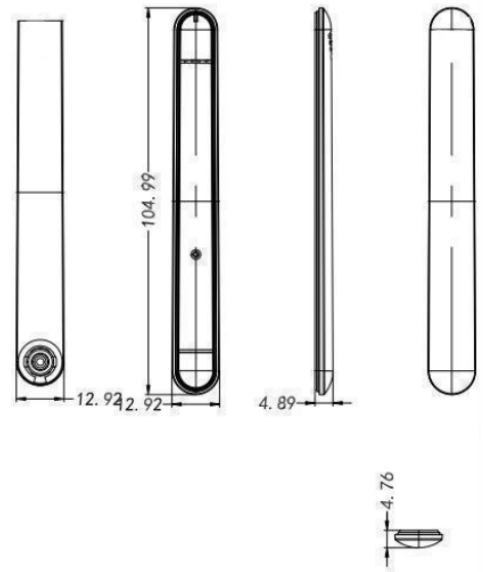
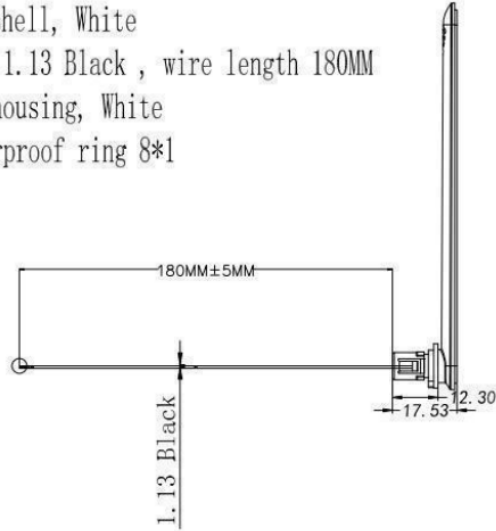
2. Physical Properties

- 2.1 Antenna Cover-----ABS
- 2.2 Antenna Base----- ABS
- 2.3 Operating Temp----- -10°C~+60°C
- 2.4 Storage Temp----- -10°C~+60°C
- 2.4 Color----- White

二、 Finished product

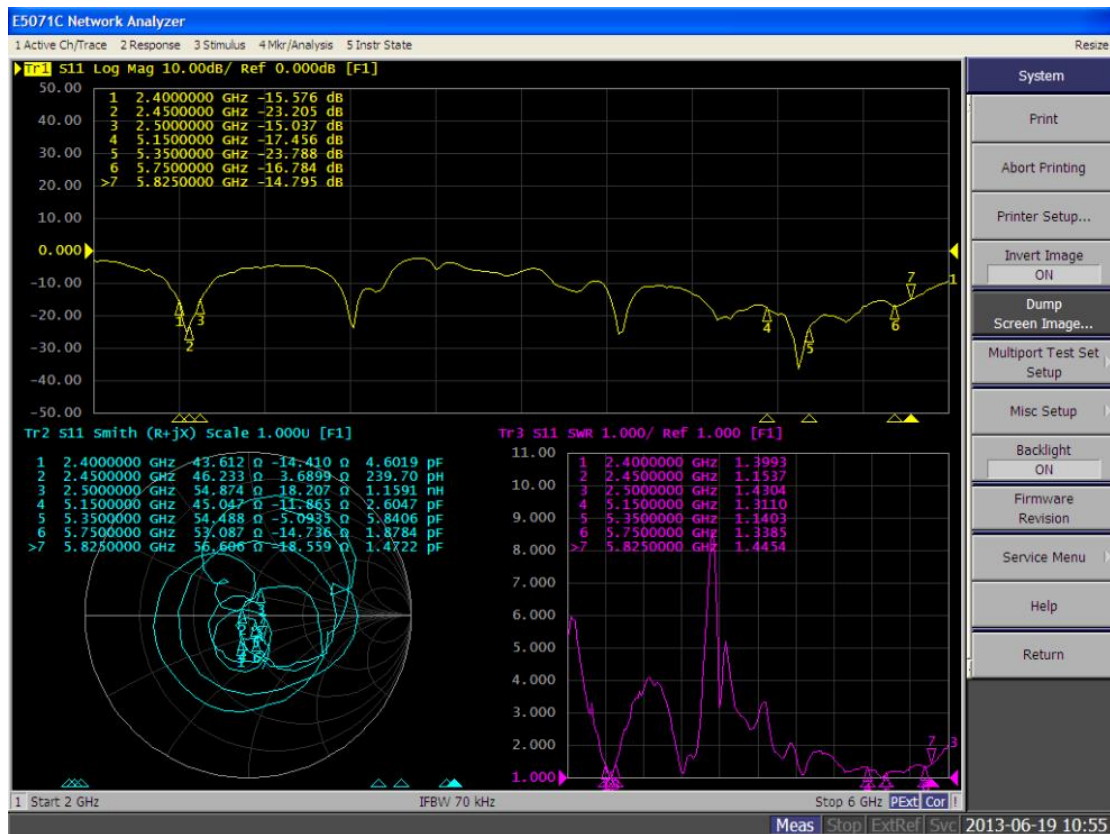
Material Specification:

- 1 antenna shell, White
- 2 RF Wire: 1.13 Black , wire length 180MM
- 3 antenna housing, White
- 4 Red waterproof ring 8*1

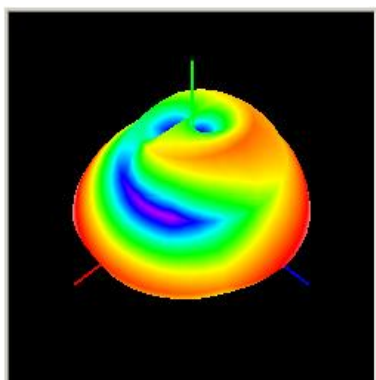


三、Test report

Return loss:



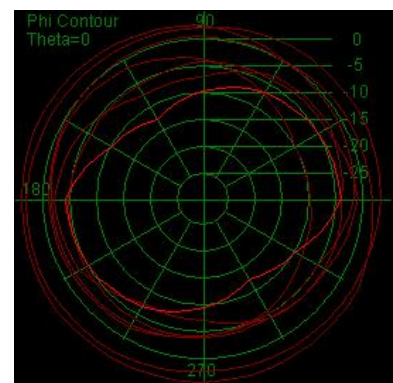
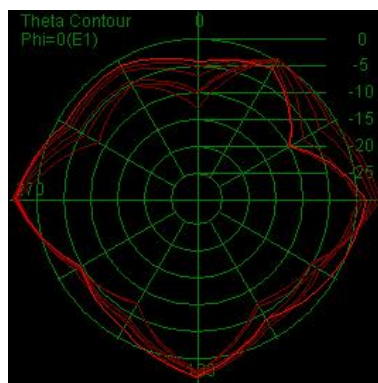
2D、3DRadiation Pattern:

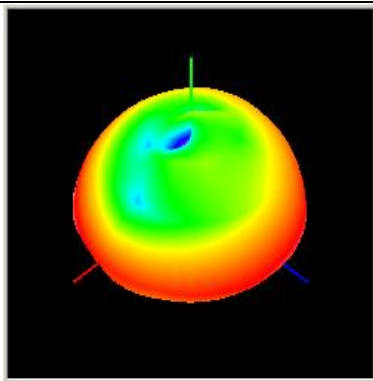


2.4GHz

Gain: 1.86dBi

Efficiency:84.5%

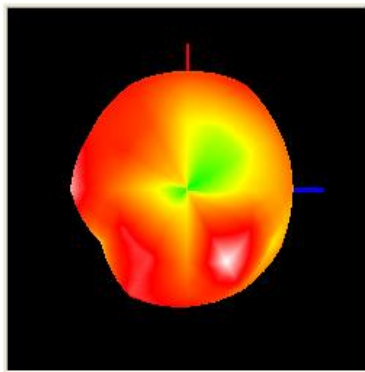
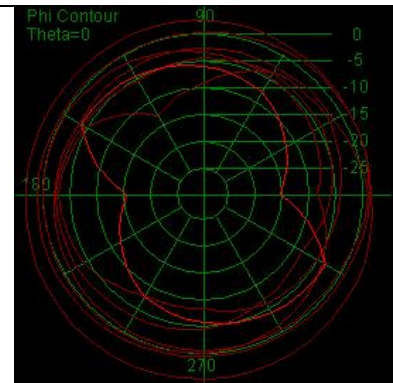
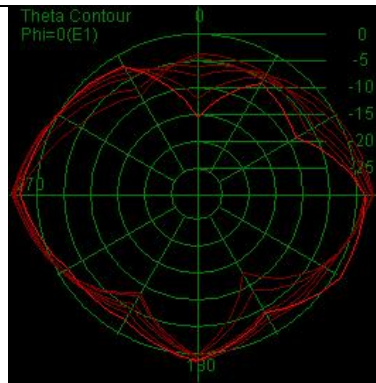




2.5GHz

Gain:1.68dBi

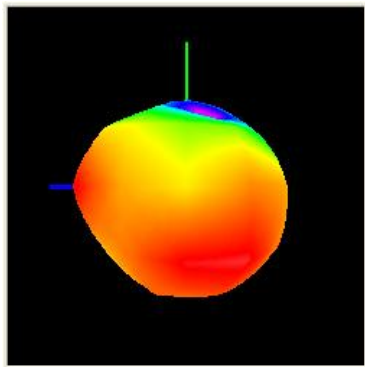
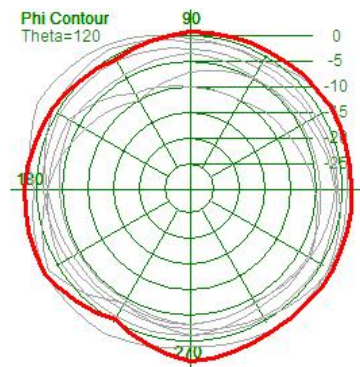
Efficiency:77.9%



5.15GHz

Gain: 1.52dBi

Efficiency: 73.7%



5.85GHz

Gain: 1.34dBi

Efficiency: 63.8%

