

Antenna data sheet

CUSTOMER NAME: Shenzhen Jiawei Electronics Co., Ltd

PRODUCT NAME: 2.4~2.5GHz PCB antenna

Peak Gain 3.36dBi in 2.4G band

ZLYD P/N: Z1CFPC002400036

Version Number: V1.0

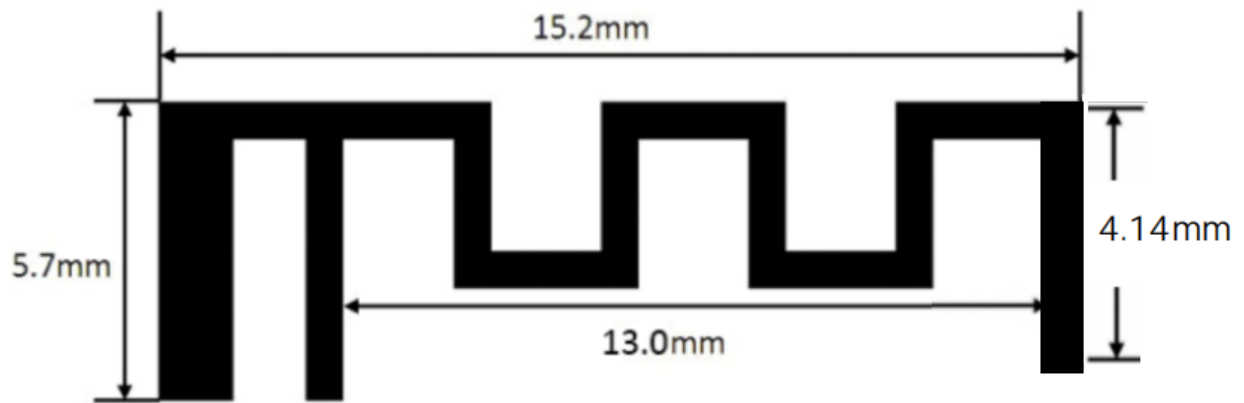
[illegible]

二、 Specification sheet

Product main technical parameters

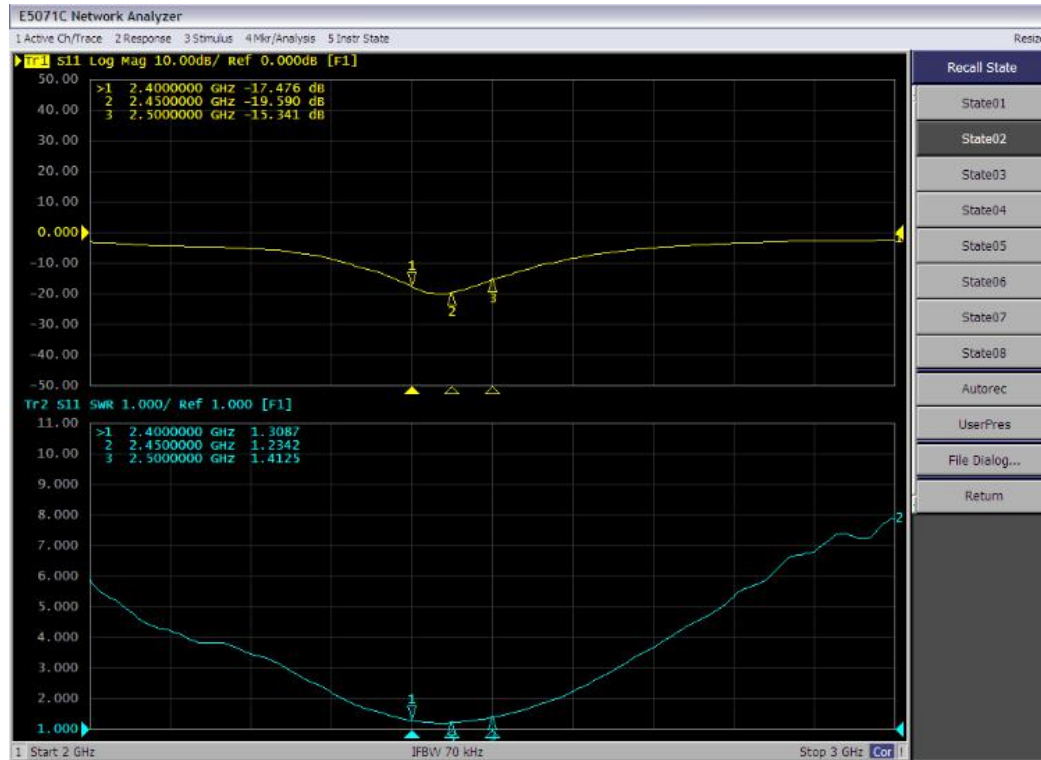
Main technical specifications	
Frequency Range (MHZ)	2400~2500
Impedance(Ω)	50
Peak Gain(dBi)	3 $\pm$ 0.5
VSWR	≤ 2.0
Polarization	Linear
Connector Type	IPEX
Physical Properties	
Operating Temp	-20 $^{\circ}$ C~+70 $^{\circ}$ C
Storage Temp	-20 $^{\circ}$ C~+60 $^{\circ}$ C

三、 Finished drawing



四、 Test report

4.1: Network analyzer test report

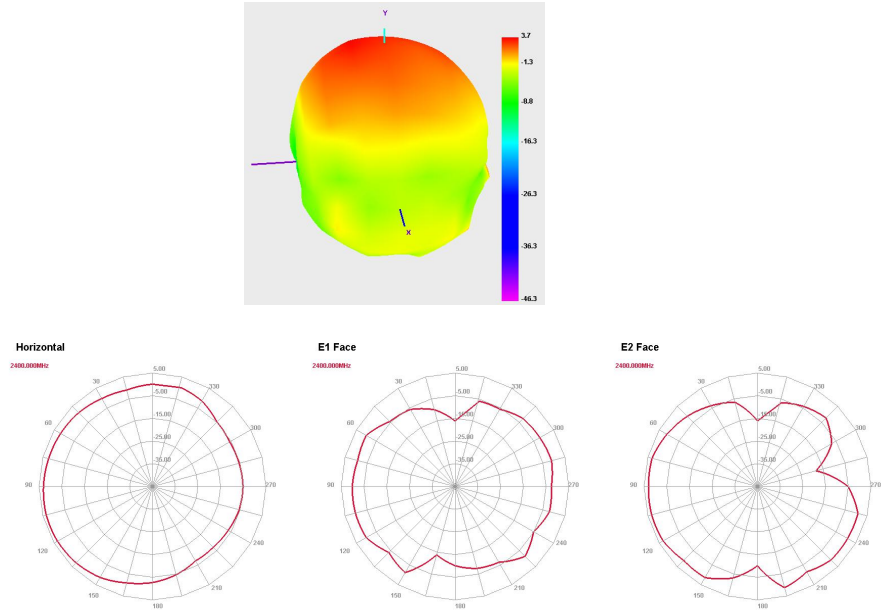


4.2: Antenna gain and efficiency

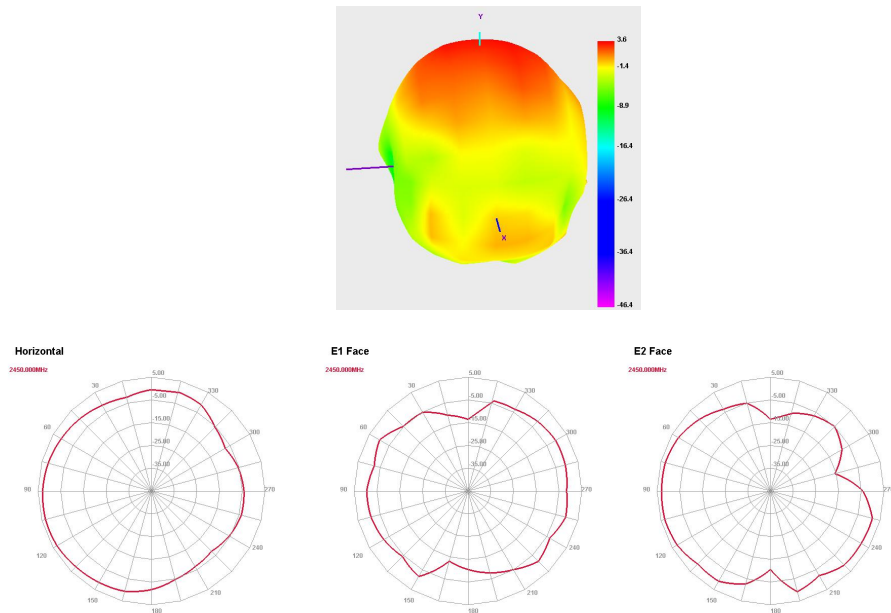
Frequency (MHZ)	Peak gain (dBi)	Efficiency (%)
2400	3.13	58.63
2450	3.36	57.09
2500	3.28	58.14

4.3: Dark room 2D、3DRaditation Pattern

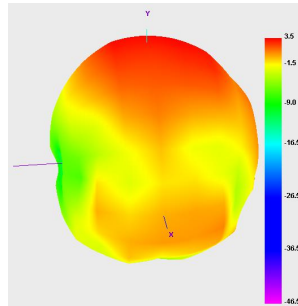
2400MHz



2450MHz

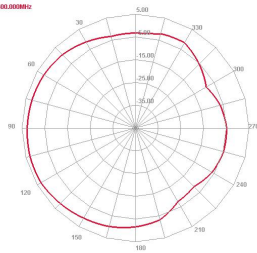


2500MHz



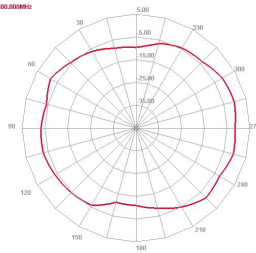
Horizontal

2500.000000Hz



E1 Face

2500.000000Hz



E2 Face

2500.000000Hz

