

Antenna Approval Sheet

Product name: FPC antenna

wireless material: KX-2.4G-FPC

Shenzhen Jialian Xincheng
Address: Building H, Hongyingli Industrial Park, Shabeili, Longxin Community, Baolong Street, Longgang District, Shenzhen City

1. Electrical Specification:

Antenna types	Built-in WIFI Antenna
Frequency	2400-2500 MHz
Impedance	50 Ω
VSWR	< 2.0
Gain	4dbi
Efficiency	>35 %
Antenna Material	FPCB+Coaxial Cable
Connector Type	0.81 MHF-3-Plug

2. RF Performance –WIFI Antenna

2.1 Passive parameters

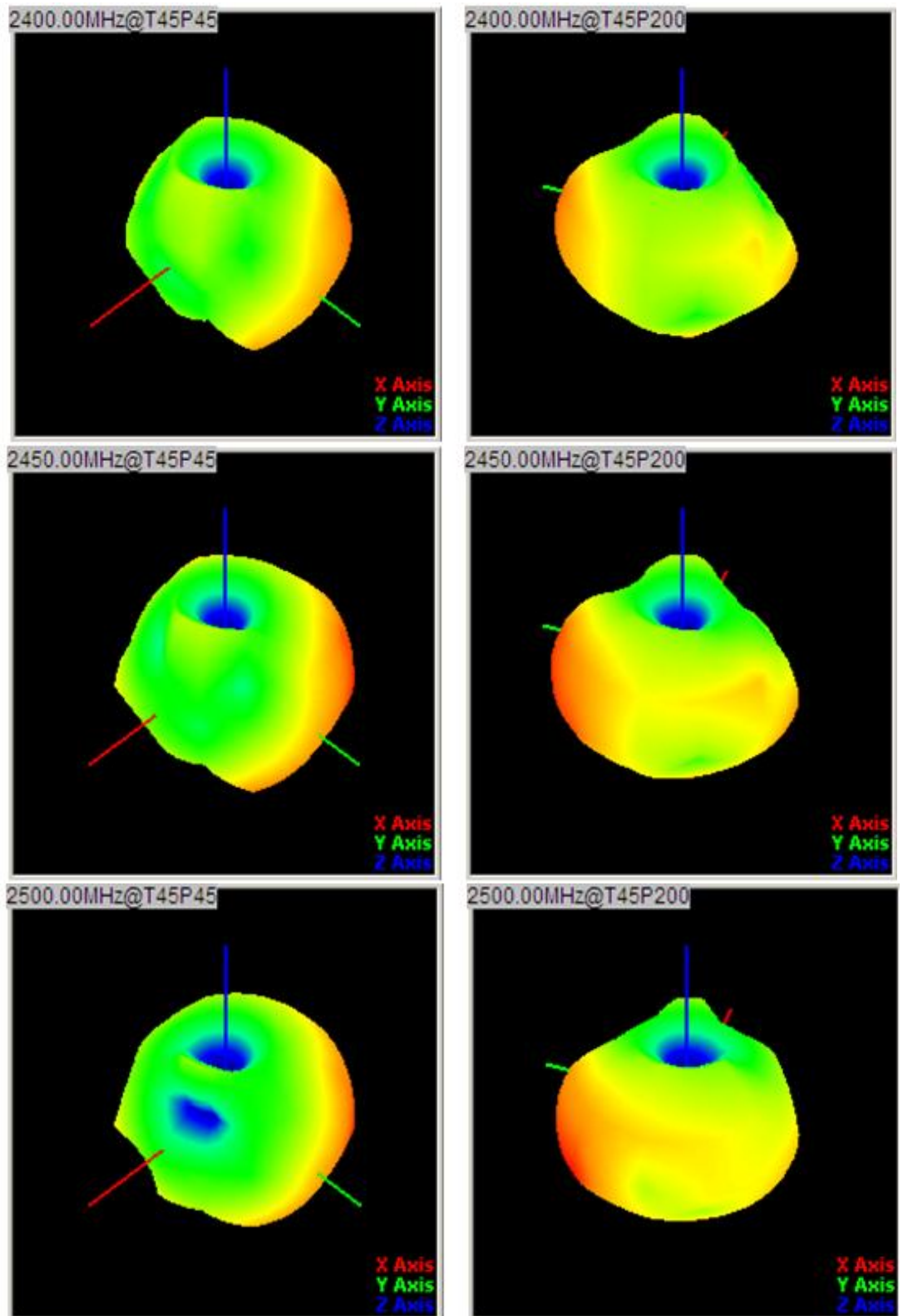
Freq. (MHz)	2400	2410	2420	2430	2440	2450	2460	2470	2480	2490	2500
Gain (dBi)	2.58	2.66	3.1	3.02	3.17	4.00	3.72	3.08	3.72	3.19	3.13

2.2 S Parameter

Frequency (MHz)	2400	2450	2500
Return Loss (dB)	-13.2	-20.6	-13.9
VSWR	1.53	1.27	1.6



2.4 Antenna 3D Radiation Pattern (Unit:dbi)



3.ME Drawing for the antenna

Antenna Photo & Length (mm)

