



Antenna Approval Sheet

For

K802Project

Customer		Project	K802
Band	WiFi 2.4GHZ		
ZC PN	HA033-CA-93		
Version	R:A	Data	2024-5-10

RF		ME	
Checked By			
Confirmed By			
Cust Confirm			

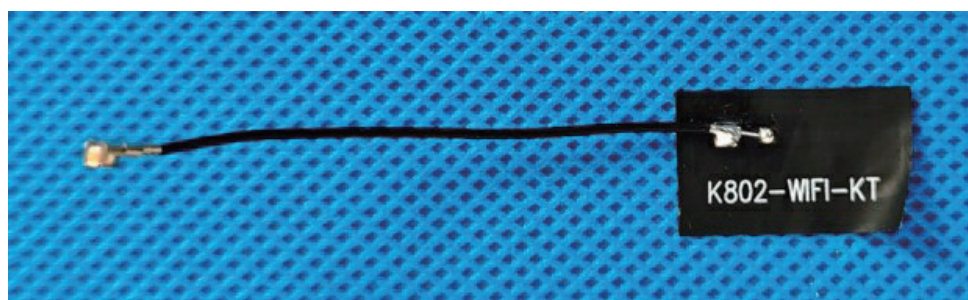


1. Summary of the DUT

K802 Picture



Antenna Picture



2. Electrical Specification:

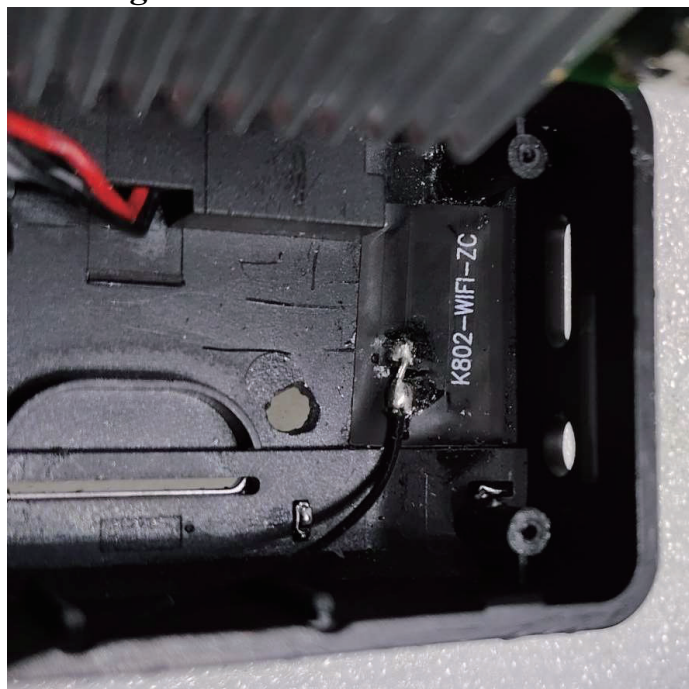
Antenna types	Built-in WIFI Antenna
Frequency	2400-2500 MHz
Impedance	50 Ω
VSWR	< 2.0
Peak Gain	2.4GHZ 1.73dbi
Antenna Material	FPC+Coaxial axis
Connector Type	0.81 MHF-2-Plug



3. Test Condition

3.1	测试项目	测试设备和型号	备注
无源测试	1. Antenna Gain 2. S.W.R 3. Return Loss 4. Radiation Pattern	1. Network analyzer (R&S ZVL6) 2. Network analyzer (HP 8753D)	

3.2 Antenna installation diagram:



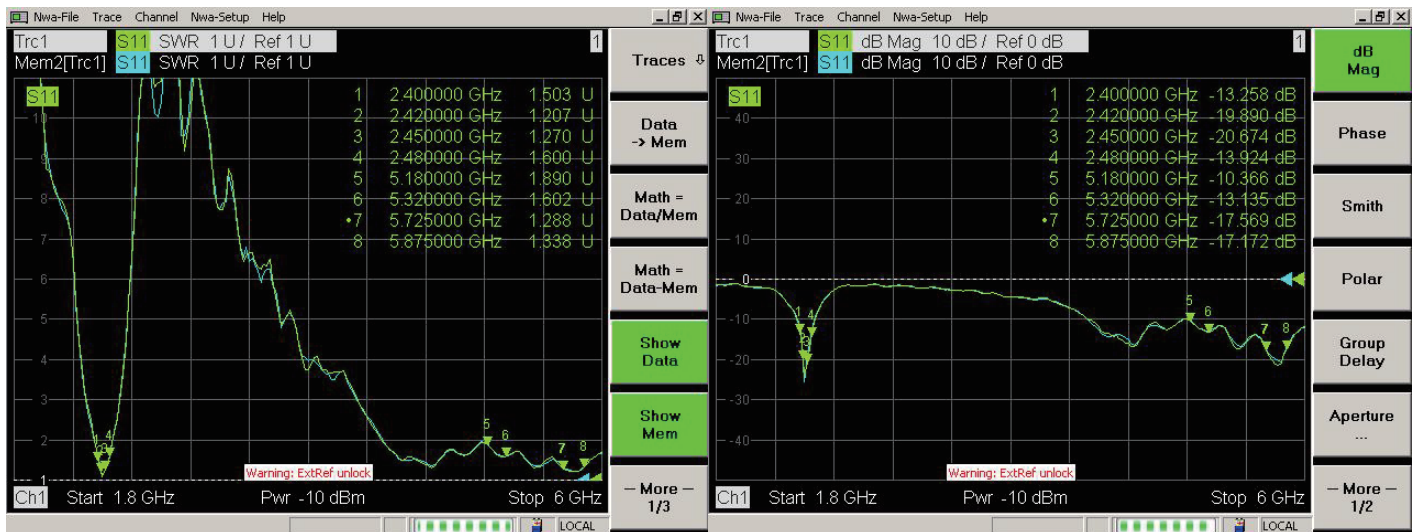
4. RF Performance

4.1 Passive parameters

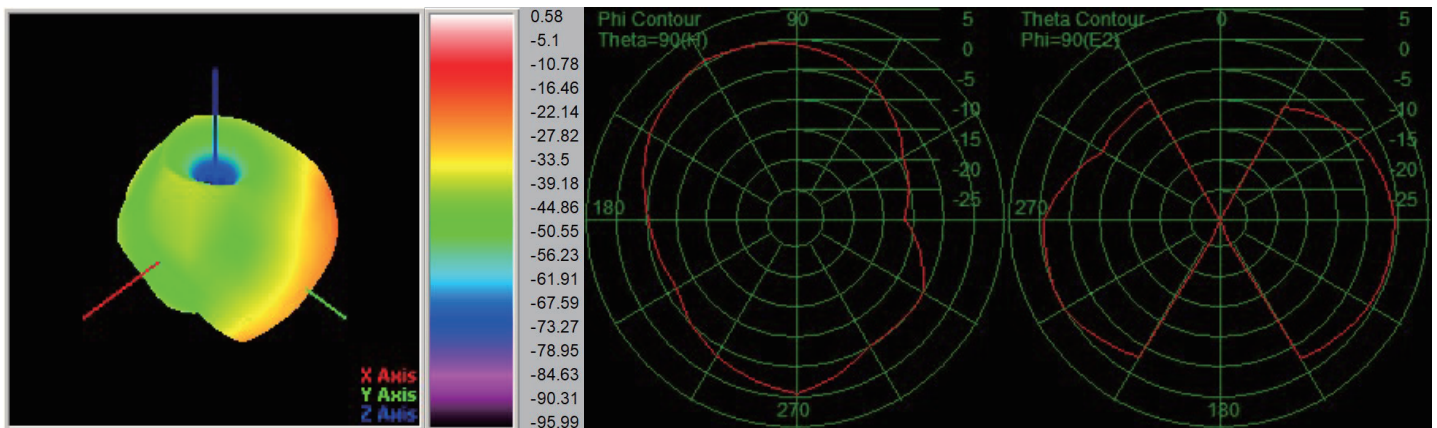
Freq. (MHz)	2400	2410	2420	2430	2440	2450	2460	2470	2480	2490	2500
Gain (dBi)	0.58	0.66	1.1	1.02	1.17	1.59	0.72	0.08	0.72	1.19	1.73

4.2 S Parameter

Frequency (MHz)	2400	2450	2480
Return Loss (dB)	-20.58	-22.74	-15.39
VSWR	1.63	1.28	1.81

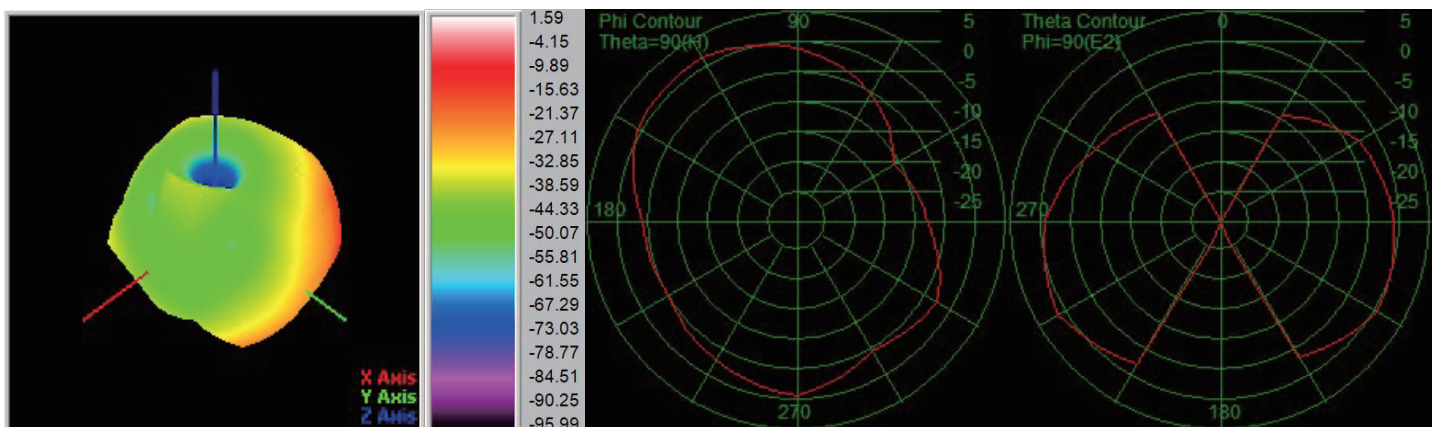


4.3 Radiation Pattern



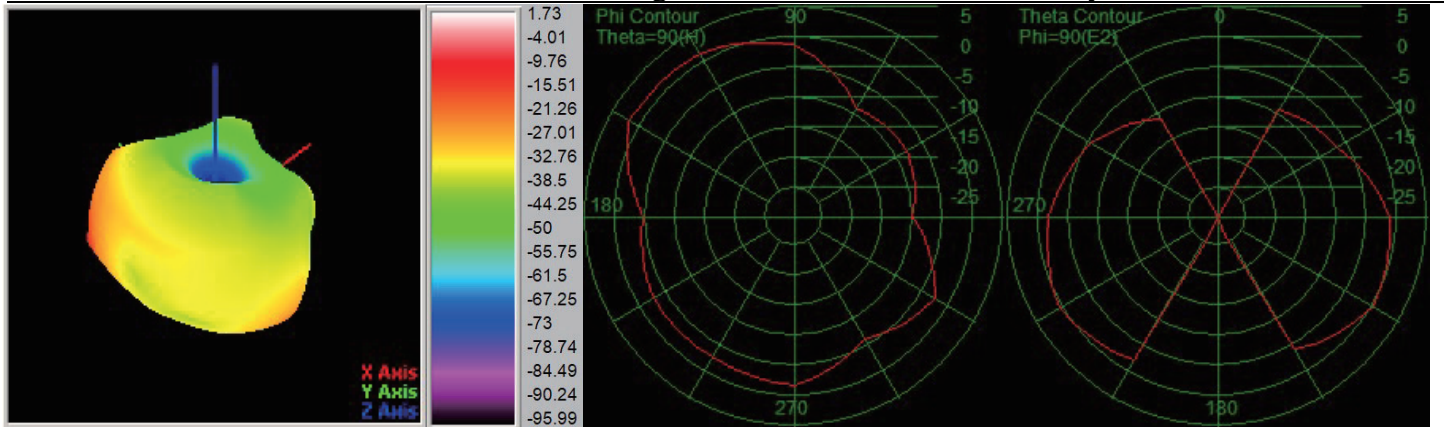
Passive -Freq2400.00MHZ

Gain:0.58(dBi)



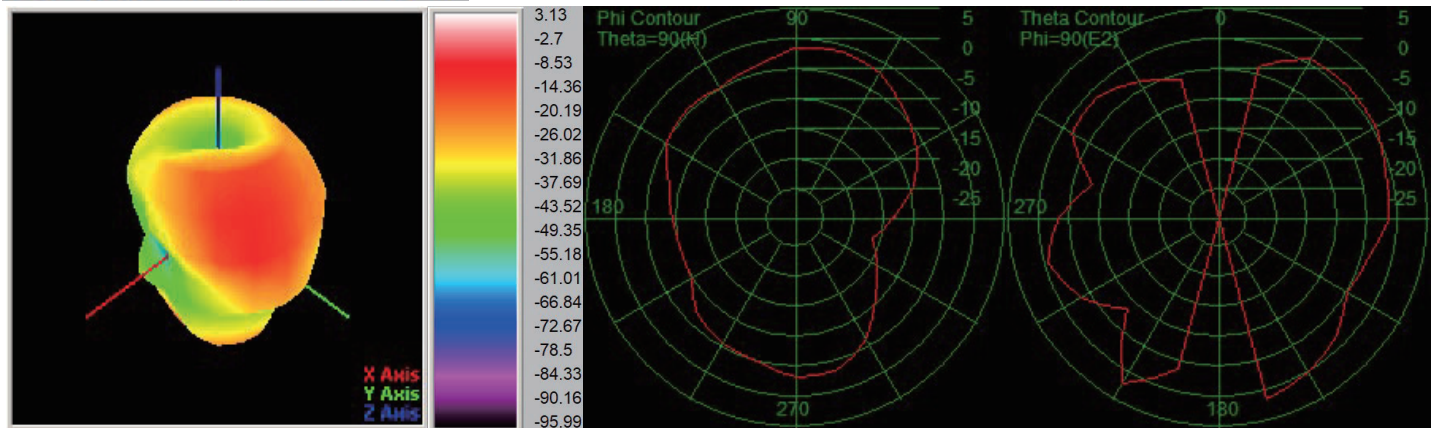
Passive -Freq2450.00MHZ

Gain: 1.59(dBi)



Passive -Freq2500.00MHZ

Gain: 1.73(dBi)





5. ME Drawing for the antenna

