

ANTENNA SPECIFICATION

Product description: 2.4G ceramic Antenna

Uni Link's part number: CS-2450-31-L

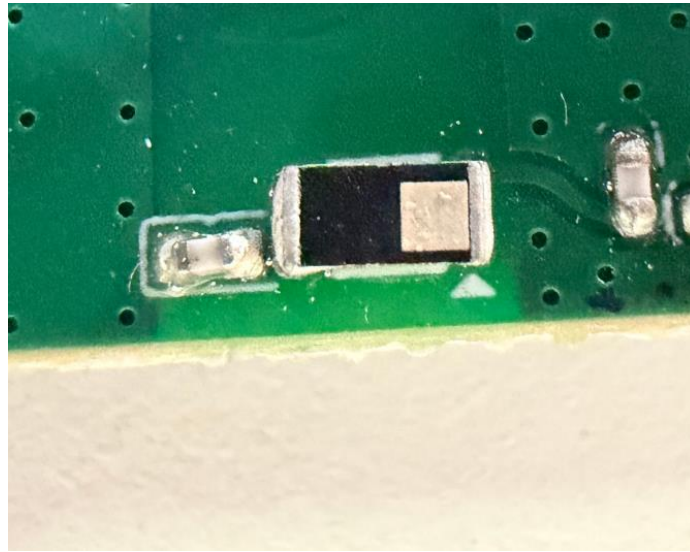
Issue Date: 2026.03.11

Note: 2400-2483MHZ

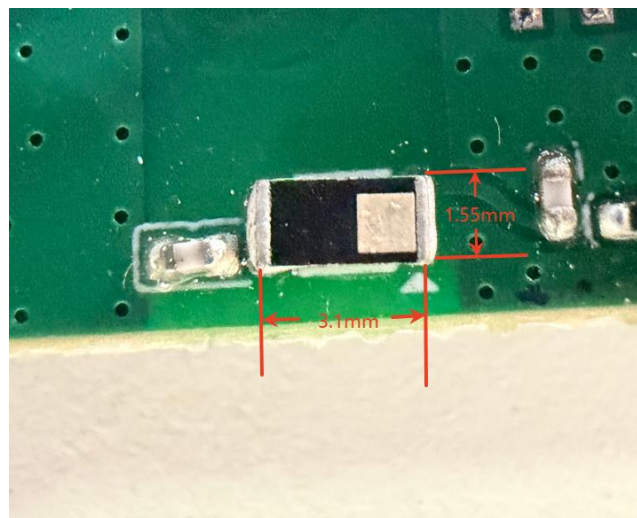
1、（PRODUCT TECHNICAL SPECIFICATION）

Electrical Specifications	
Frequency Range (MHz)	2400-2483
Input Impedence (Ω)	50
V. S. W. R	≤ 2
Gain(dBi)	-1.66
Polarization Type	Line Polarization
Power Capacity (w)	/
Mechanical Specifications	
Antenna Length (mm)	NC
Radiator	ceramic
Connect Type	SMT
Working Temp($^{\circ}\text{C}$)	-40~85
Storage Temperature($^{\circ}\text{C}$)	+5 ~ +40 $^{\circ}\text{C}$
antenna size	3.10*1.55*0.55mm
Weight(g)	/

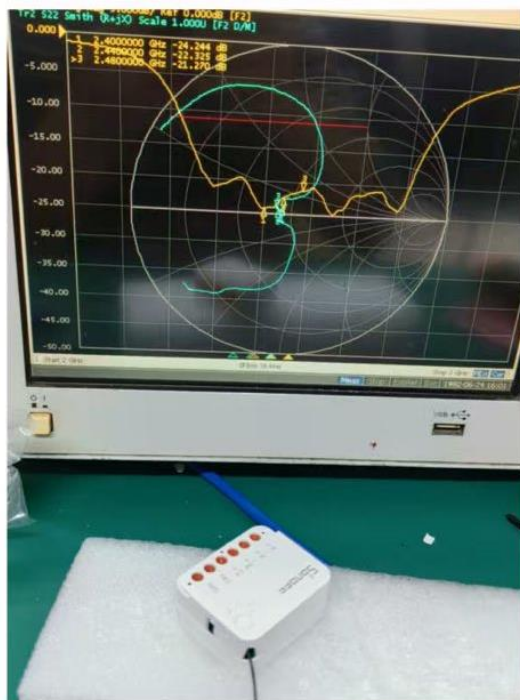
2、PRODUCT PICTURE



3、PRODUCT SPECIFICATION CHART



4、Image of antenna field shape test

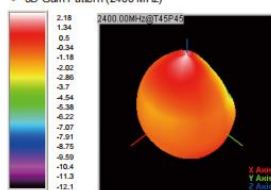


A	B	C	D
Frequency	Effic	Perce	Gain
2400	-4.56868	34.92463%	-2.76787
2410	-4.5499	35.076%	-2.79007
2420	-4.70109	33.87594%	-2.7577
2430	-4.37408	36.52518%	-2.4262
2440	-4.40138	36.29631%	-2.4732
2450	-4.55509	35.03412%	-2.46696
2460	-4.39268	36.36902%	-2.39282
2470	-4.43694	36.00032%	-2.45278
2480	-4.26912	37.41865%	-2.26717
2490	-4.03976	39.44792%	-1.734
2500	4.27504	37.36769%	-1.66605

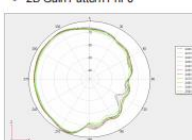
辐射模式 Radiation Patterns

24 GHz WLAN BAND

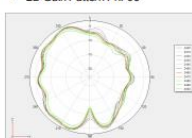
3D Gain Pattern (2400 MHz)



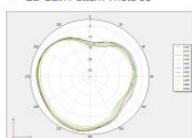
2D Gain Pattern Phi 0



2D Gain Pattern Phi 90



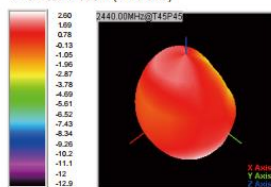
2D Gain Pattern Theta 60



2D Gain Pattern Theta 90



3D Gain Pattern (2440 MHz)



3D Gain Pattern (2480 MHz)

