
SPECIFICATION FOR APPROVAL

CUSTOMER NAME:

PRODUCT NAME: 2.4G-5dBi antenna ,L=100mm+IPEX

CUSTOMER P/N:

UB P/N: UB02C100W5D38A REV: A

	MANUFACTURER SIGNATURE	CUSTOMER SIGNATURE
CHECKED BY:		
APPROVED BY:		
DATE:	2019/05/25	

Contents

Item

Description

1.-----Specification Table

2.-----Finished product

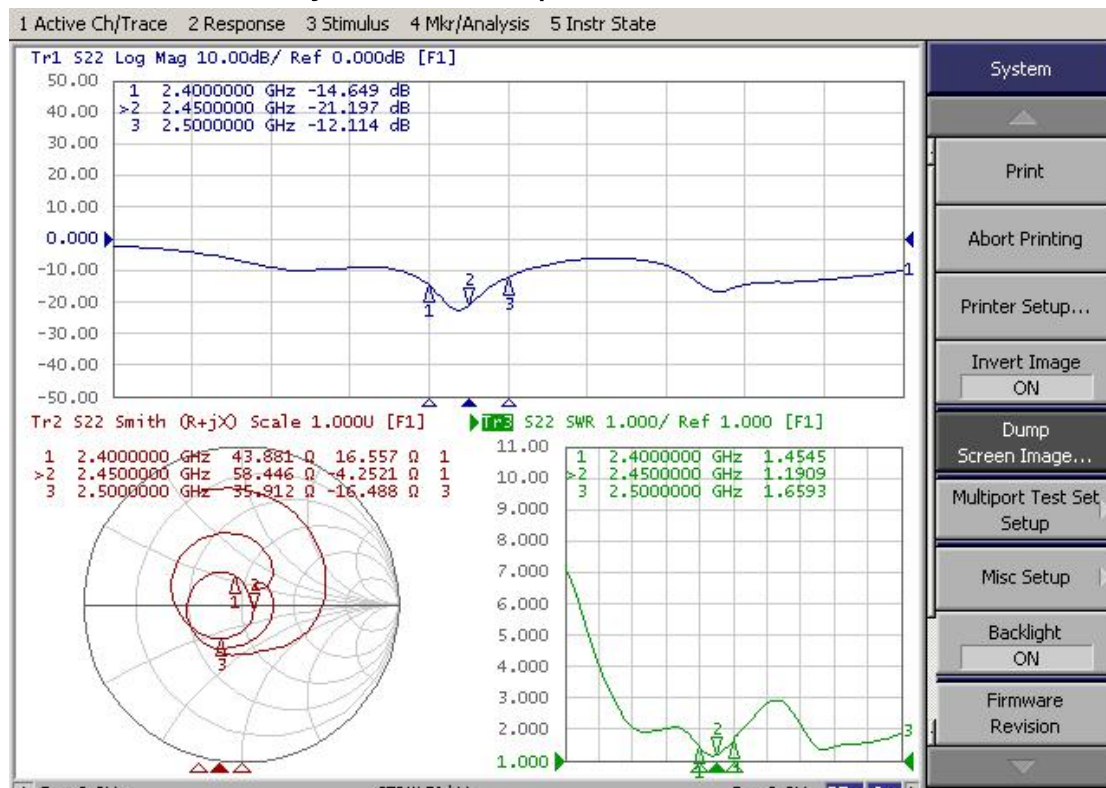
3.-----testing report

1. Specification Table

Main technical specifications	
Frequency Range (MHZ)	2400~2500
Impedance(Ω)	50
Peak Gain(dBi)	5 $\pm$ 0.5
VSWR	$\leq$ 1.92
Admitted Power	1W
Polarization	Linear,Vertical
Connector Type	RF Cable+IPEX
Physical Properties	
Antenna Base	TPE
Operating Temp	-20 $^{\circ}$ C~+50 $^{\circ}$ C
Storage Temp	-20 $^{\circ}$ C~+50 $^{\circ}$ C

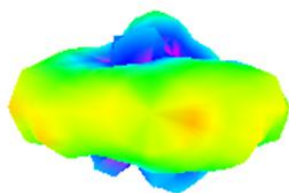
3. Test report

3.1: Network Analyzer Test Report



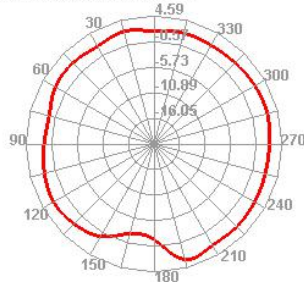
3.2: 2D、3DRaditation Pattern

2400.000MHz



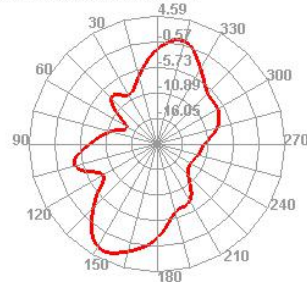
2.4GHz

2400.000MHz E1



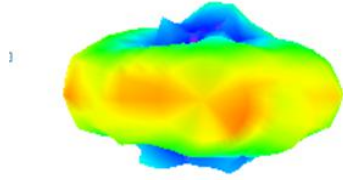
Gain: 4.22dBi

2400.000MHz E2



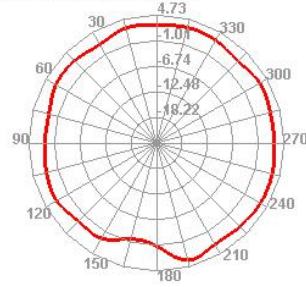
Efficiency:64.6%

2450.000MHz



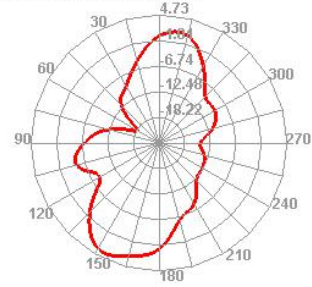
2.45GHz

2450.000MHz E1



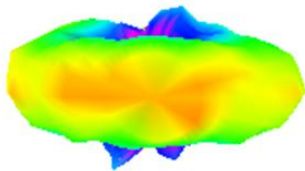
Gain: 4.27dBi

2450.000MHz E2



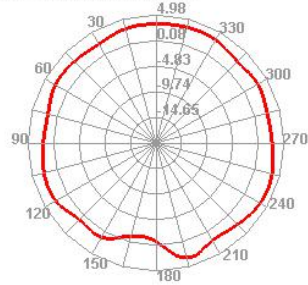
Efficiency: 65.1%

2500.000MHz



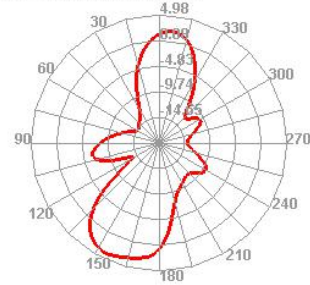
2.5GHz

2500.000MHz E1



Gain: 4.12dBi

2500.000MHz E2



Efficiency: 63.2%