

2.4 GHz External WiFi Antenna



AEACAC025009-S2400

25.9 x Ø9.5mm



RoHS/RoHS II Compliant

MSL = N/A: NOT APPLICABLE

FEATURES

- Operates in 2400 MHz
- Gain of 2dBi
- Input power 10W
- VSWR \leq 2.5

APPLICATIONS

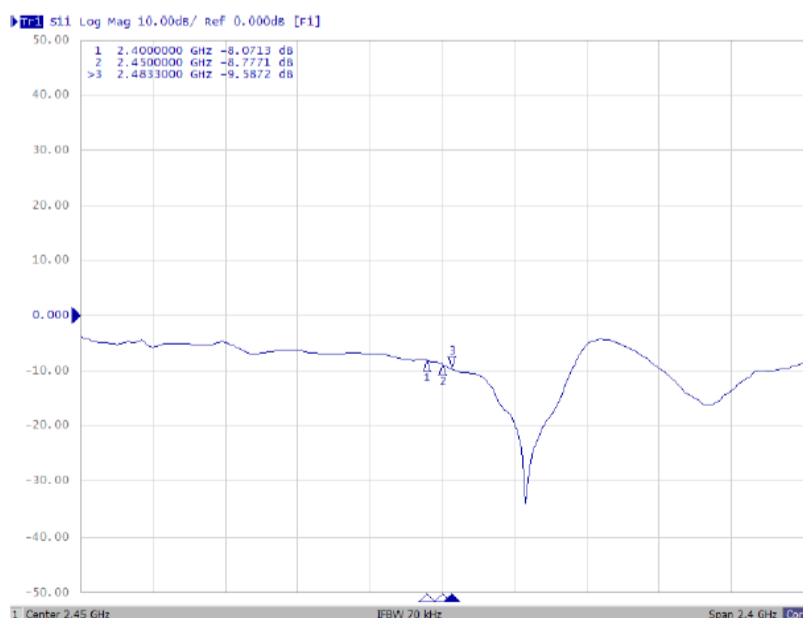
- Wifi
- ISM Applications
- Portable Devices
- Set-Top Boxes
- Network Devices

ELECTRICAL SPECIFICATIONS

Item	min	Typ.	Max.	Units	Note
Frequency Range		2400~2483.5		MHz	
Bandwidth		83.5			
VSWR			2.5		
Polarization Model		Linear			
Impedance		50		Ω	
Gain		2		dBi	
Operating Temperature	-40		+85	$^{\circ}\text{C}$	
Input Power			10	W	

RETURN - LOSS CHARACTERISTICS

S11 Return-Loss



2.4 GHz External WiFi Antenna



AEACAC025009-S2400

25.9 x Ø9.5mm

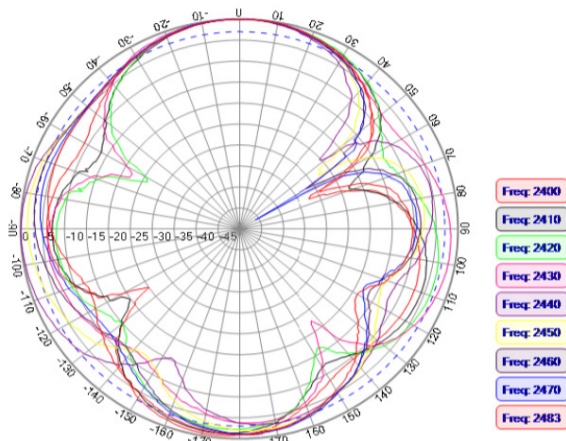


RoHS/RoHS II Compliant

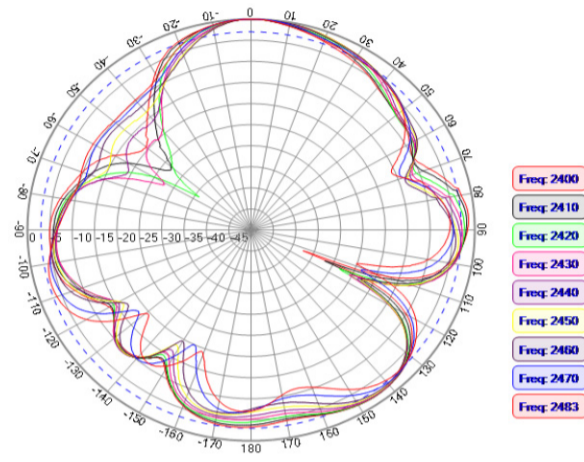
MSL = N/A: NOT APPLICABLE

RADIATION PATTERNS

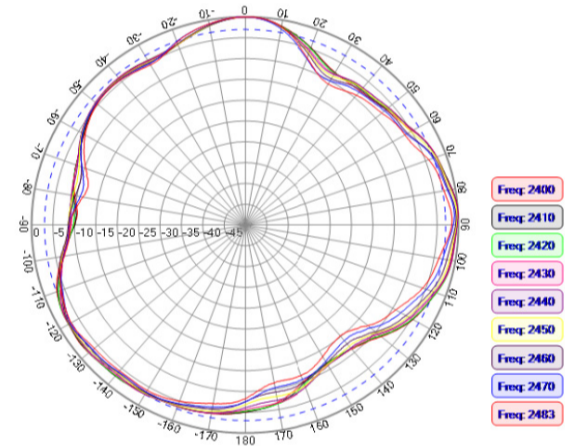
Antenna 2D Patterns
XY Plane



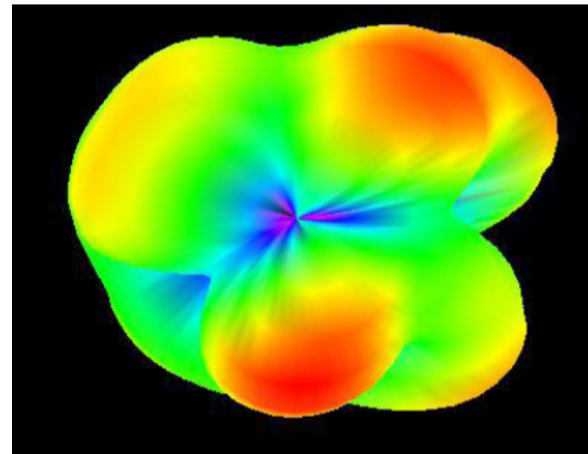
XZ Plane



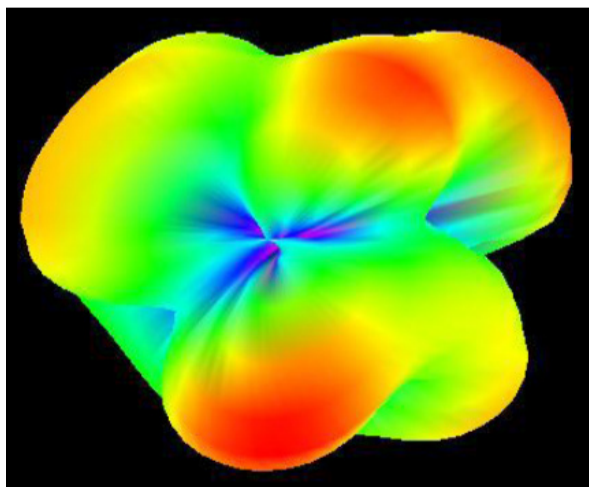
YZ Plane



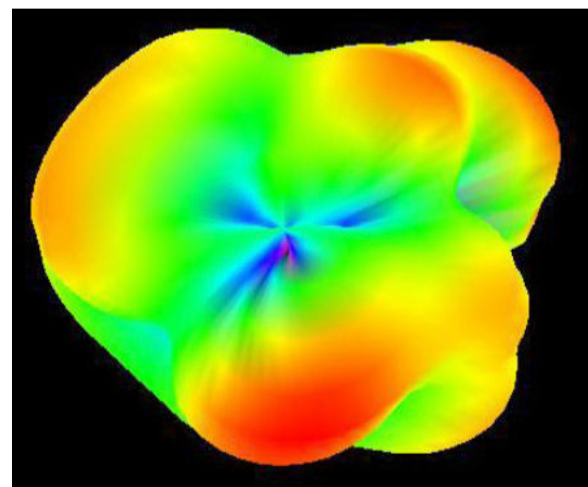
Antenna 3D Patterns
2400 MHz



2450 MHz



2483 MHz



Frequency (MHz)	2400	2450	2483
Peak Gain (dBi)	1.83	1.7	1.4
Efficiency (%)	62	63	65