

# Magnetic Mount 4G/LTE Antenna



AEACAD460065-S698

$\Phi 65 \times 460 \text{ mm}$   
RoHS/RoHS II Compliant  
MSL - 1

## FEATURES

- Operates in 698-2700 MHz
- Multiband antenna
- Linear polarization
- High gain of 5 dBi
- Magnetic base
- Omni-directional pattern

## APPLICATIONS

- 4G/LTE radios
- Gateways
- Set-Top Boxes
- Security
- IoT
- M2M
- Transportation
- Smart agriculture

## Electrical Characteristics

Parameters	Min.	Typ.	Max	Units	Note
Frequency Range		698~960/1710~2700		MHz	
VSWR			2.0		
Polarization Model	Linear				
Impedance		50		$\Omega$	
Gain		5.0		dBi	Zenith

## Mechanical Characteristics

Parameters	Description
Connector	SMA Male
Cable Type	RG58
Cable Length	3M
Mounting	Magnet
Dimensions	$\Phi 65 \times 460 \text{ mm}$

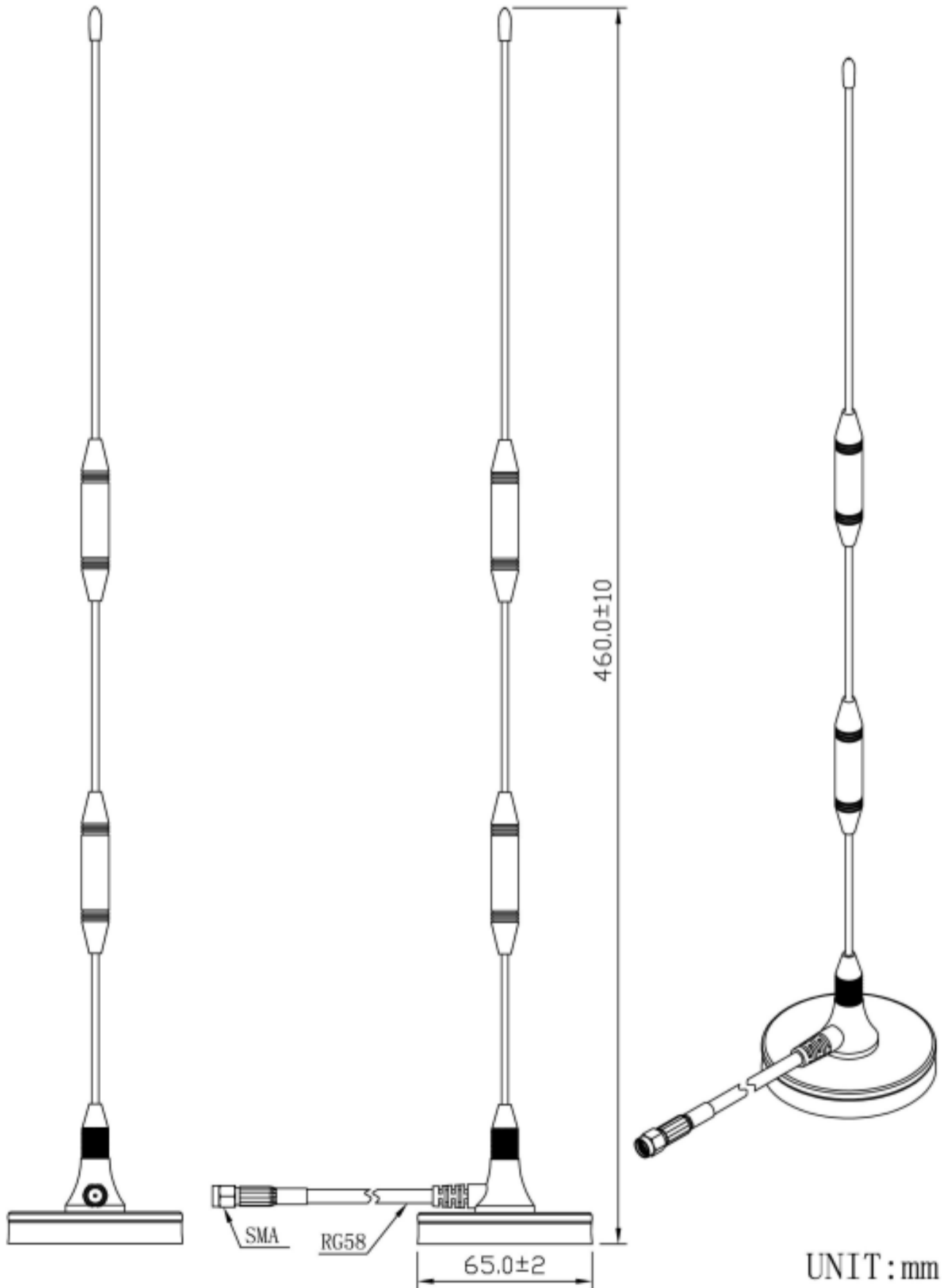
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## Dimensions



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## Product Image

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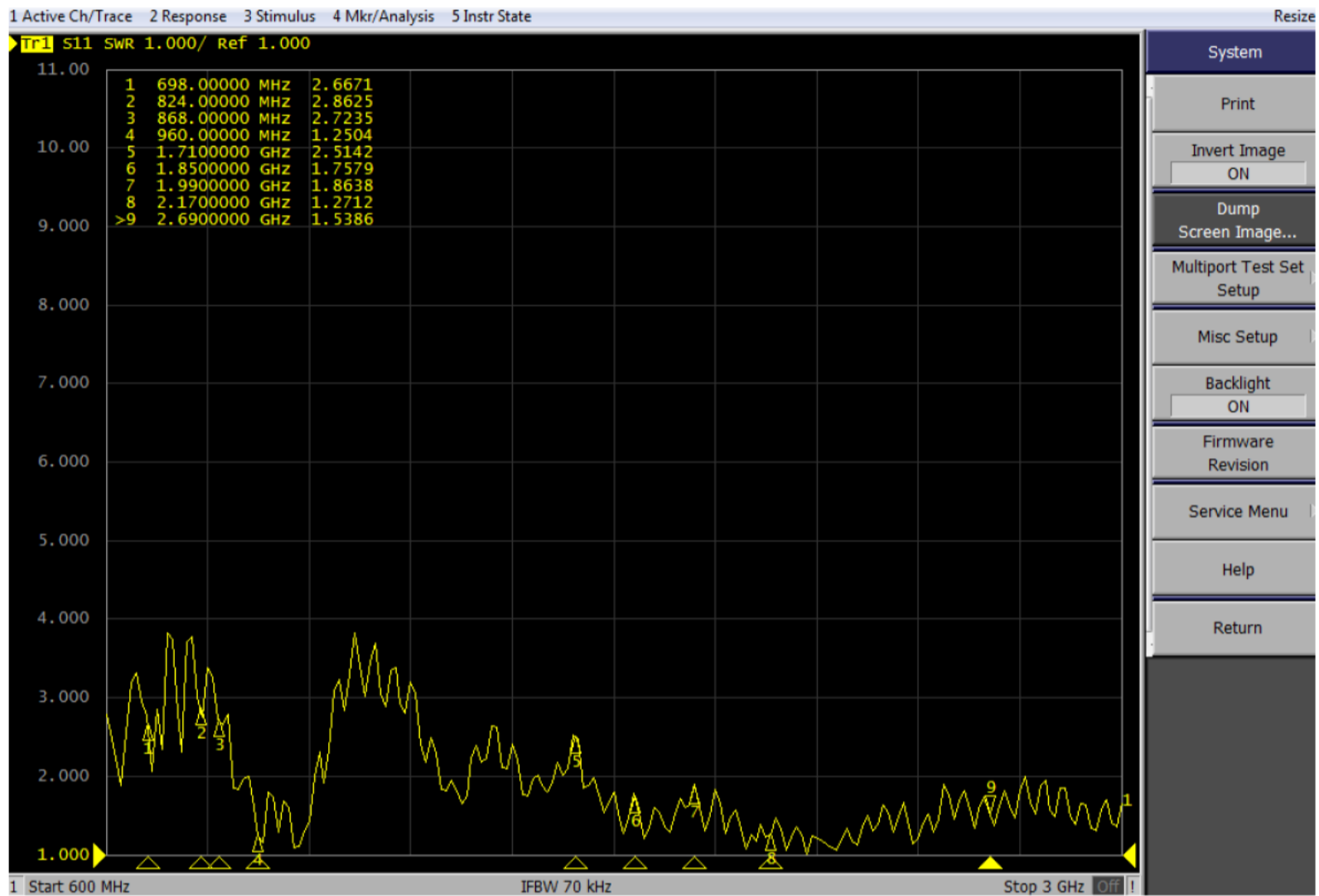
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## VSWR



## Gain and Efficiency

Frequency(MHz)	Efficiency (%)	Gain (dBi)
700	0.65	5.37
824	0.66	5.02
868	0.61	4.37
960	0.61	4.22
1710	0.59	4.18
1850	0.57	4.08
1990	0.59	4.74
2170	0.62	4.55
2690	0.58	4.49

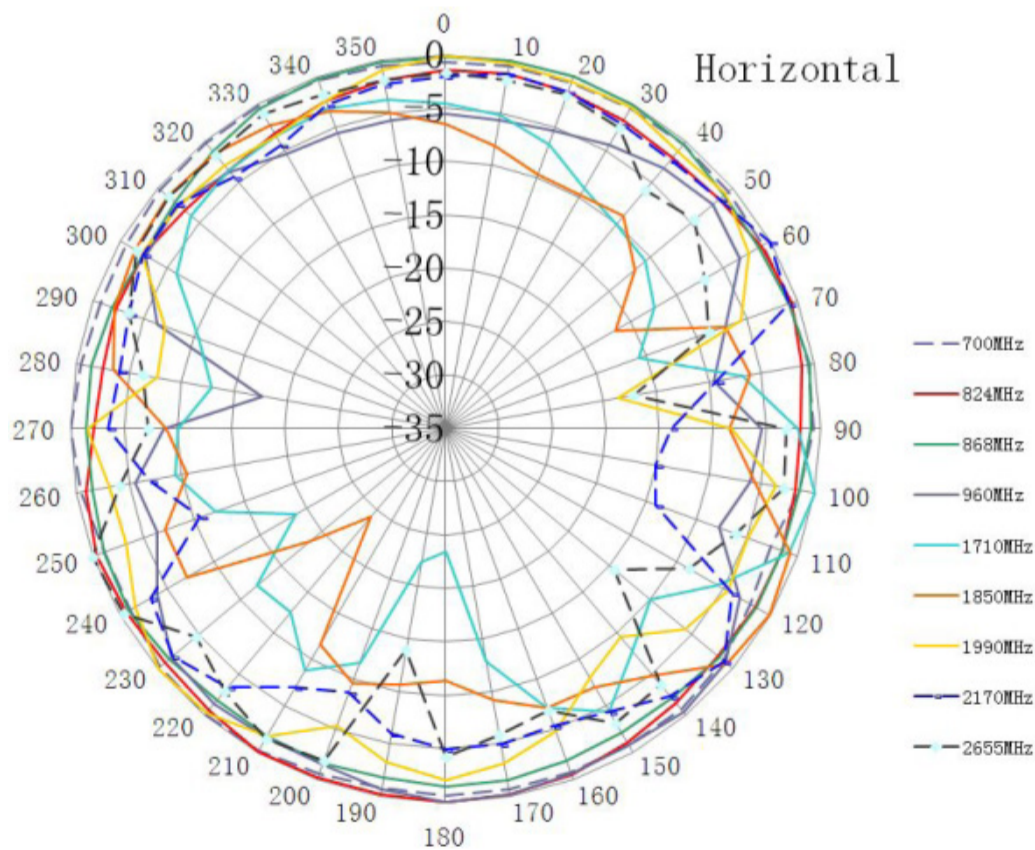
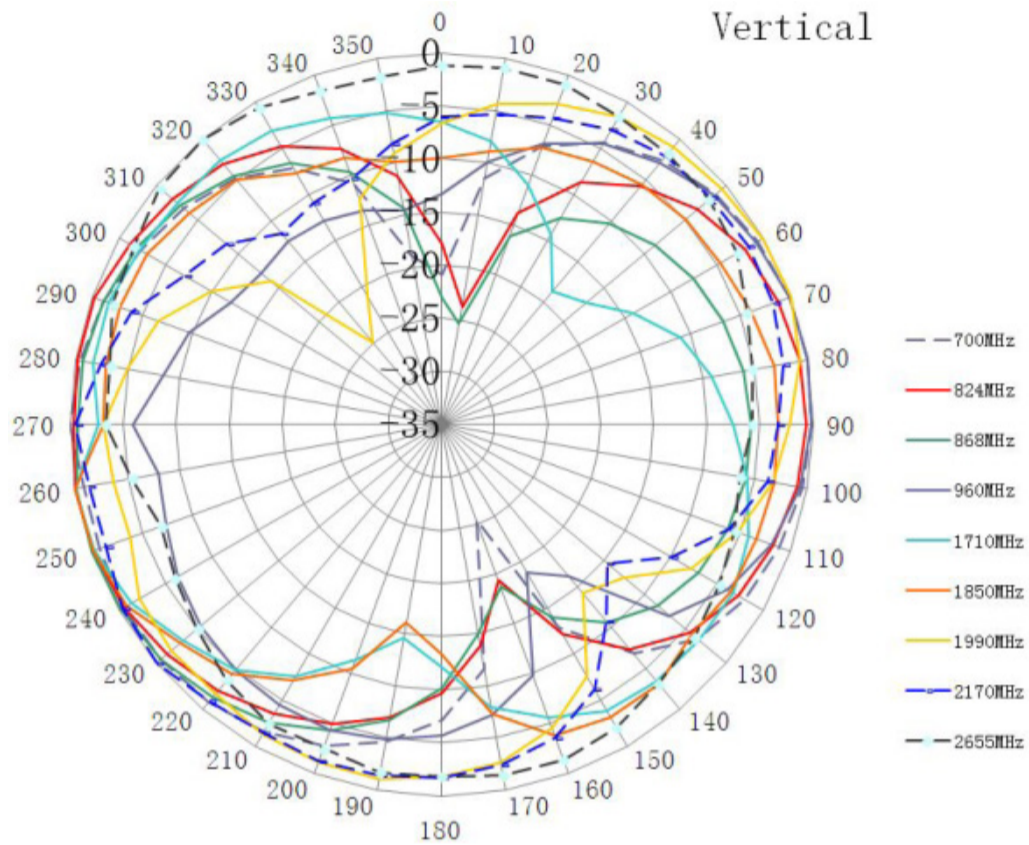
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## Radiation Patterns



# Magnetic Mount 4G/LTE Antenna

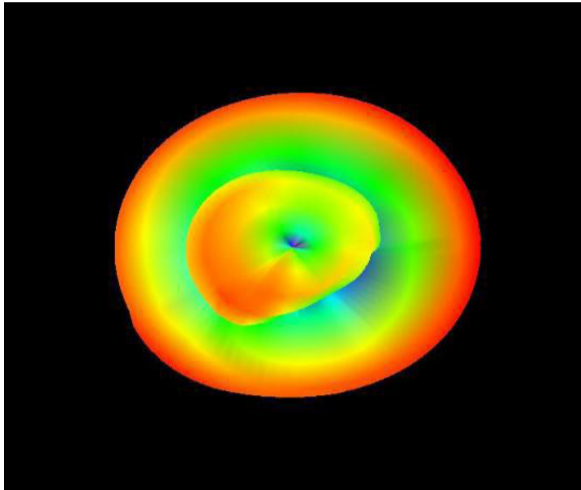


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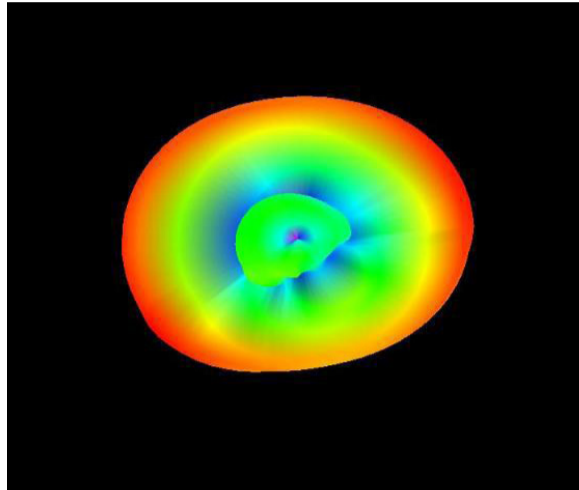
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## Radiation Pattern

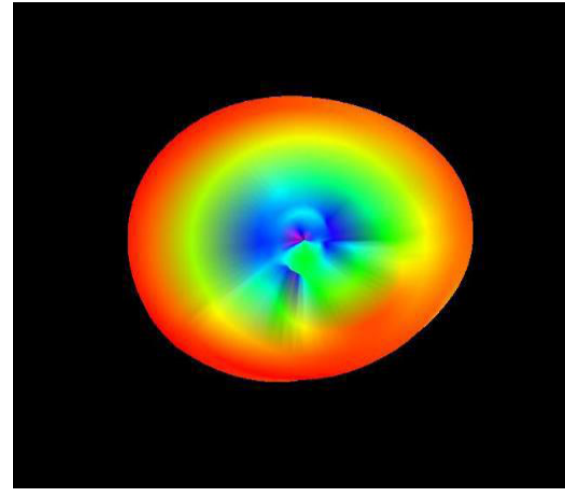
### 3D Radiation Patterns



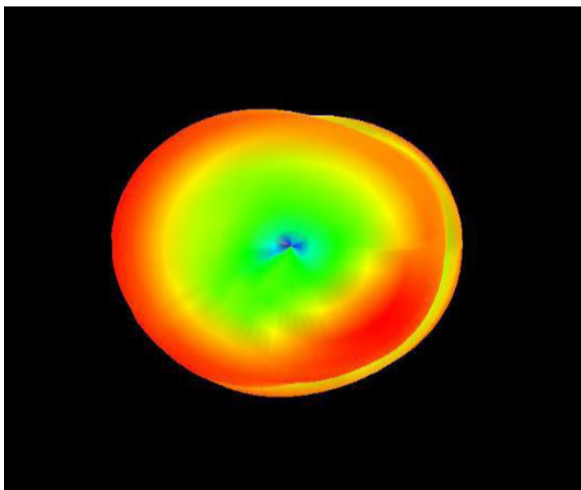
698 MHz



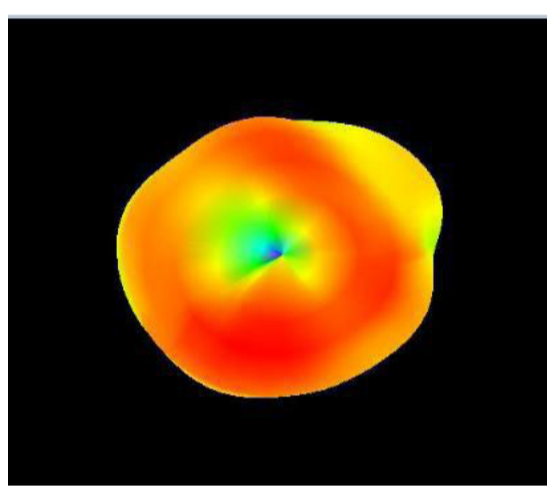
824 MHz



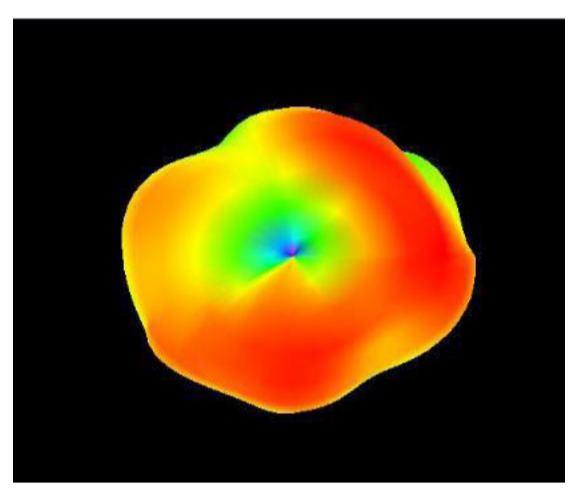
868 MHz



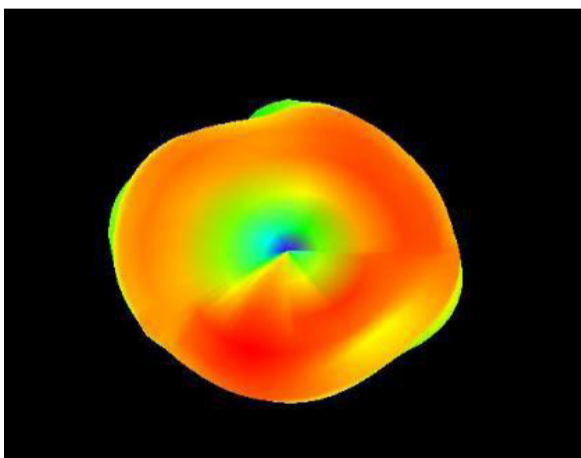
960 MHz



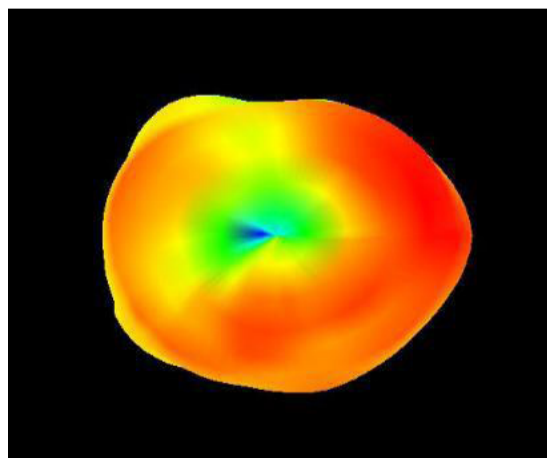
1710 MHz



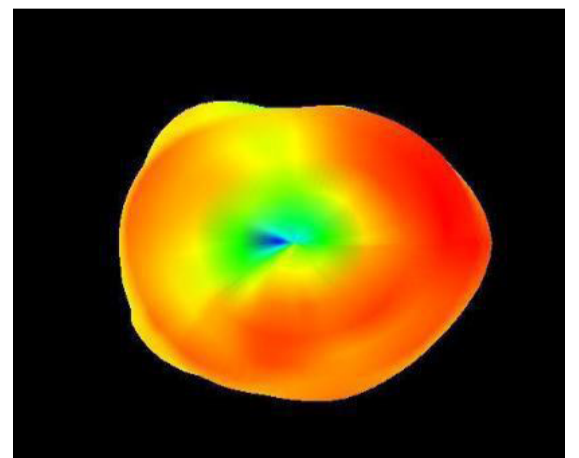
1850 MHz



1990 MHz



2170 MHz



2690 MHz



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## Packaging

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Each 60.5 x 45 x 38 cm size carton includes 50 pcs antenna, weighs 23 kg