

Magnetic Mount 4G/LTE Antenna



AEACAD460065-S698

$\Phi 65 \times 460$ 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		Ω	
Gain		5.0		dBi	Zenith

Mechanical Characteristics

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

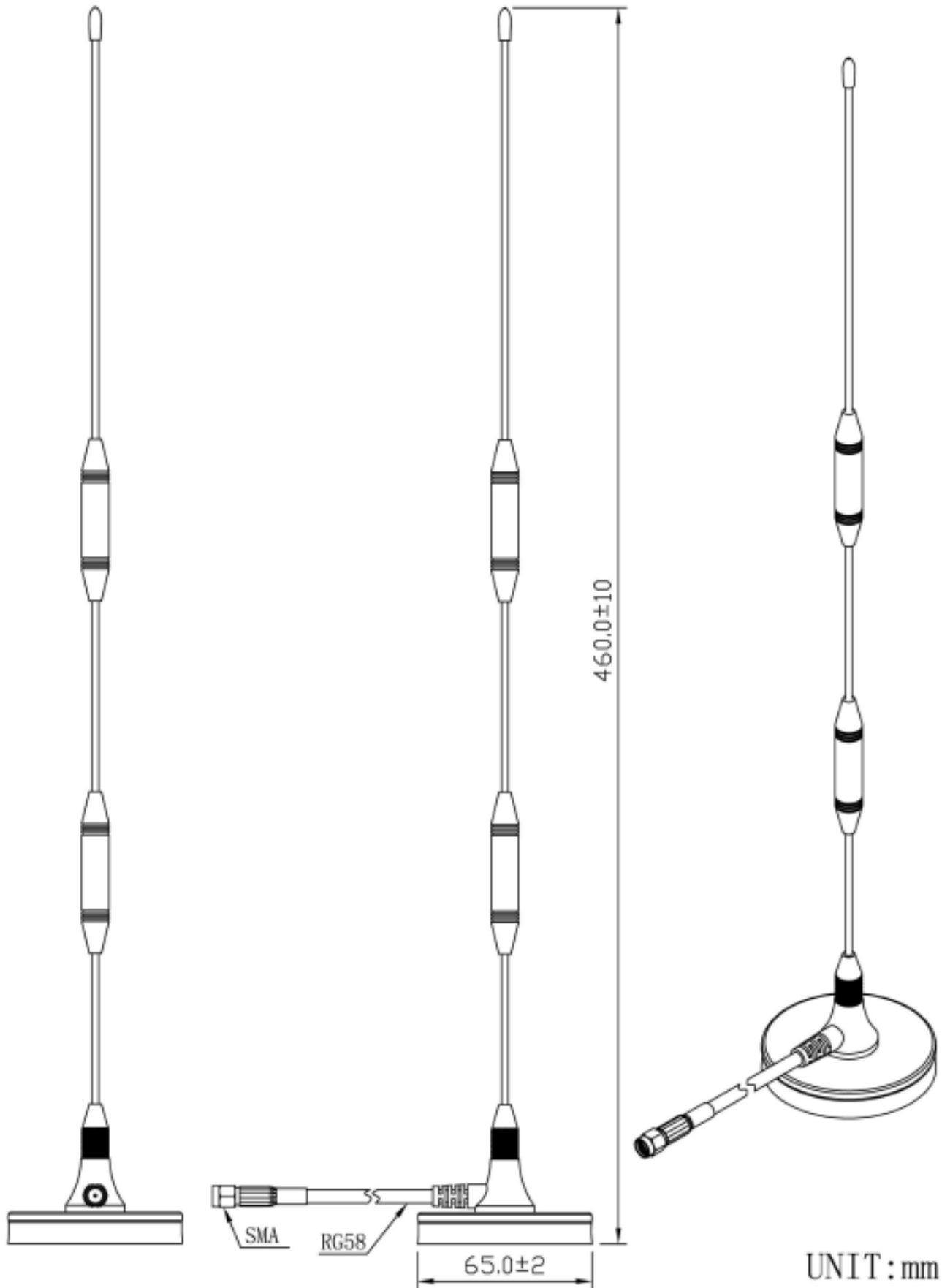
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Dimensions



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Product Image



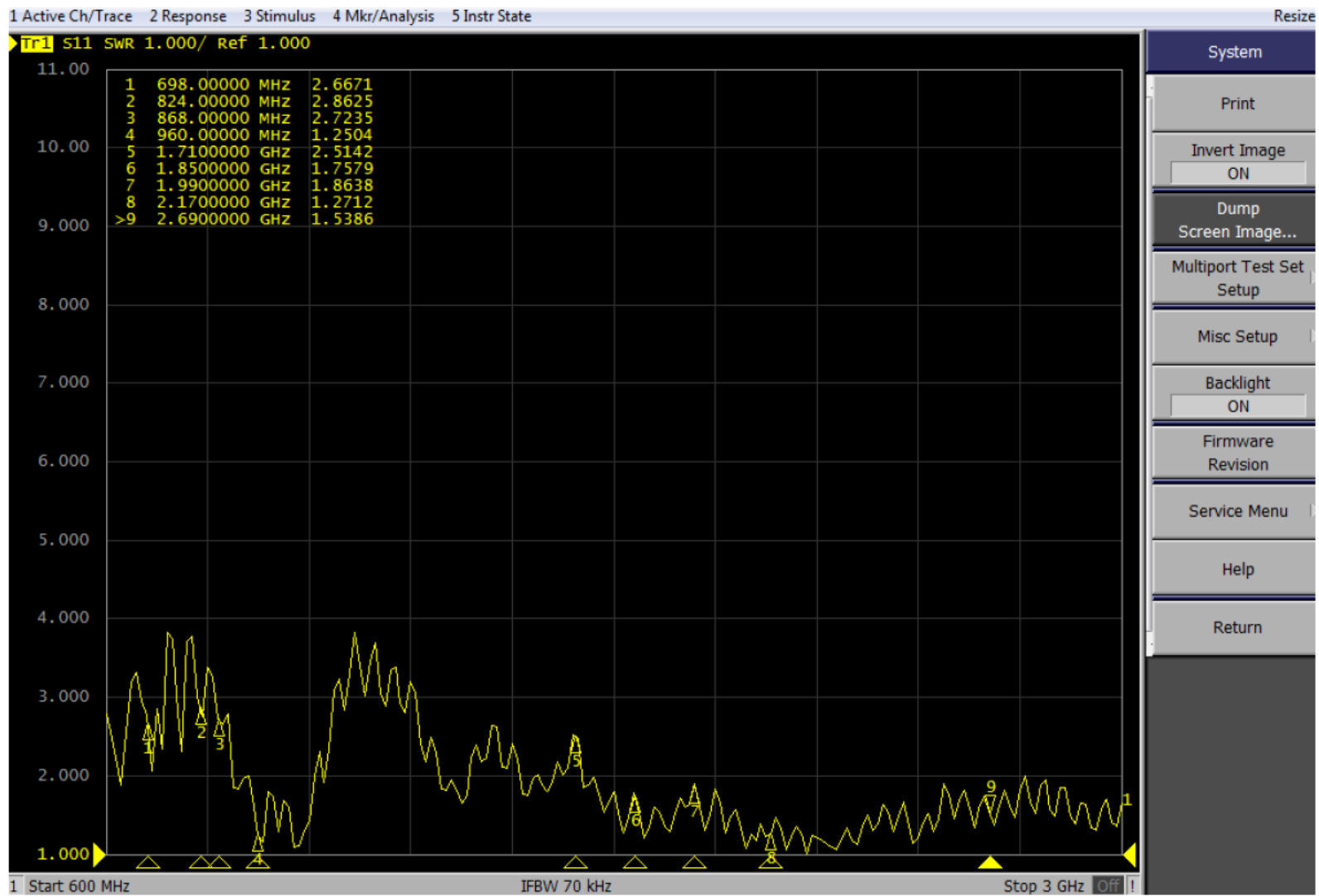
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VSWR



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

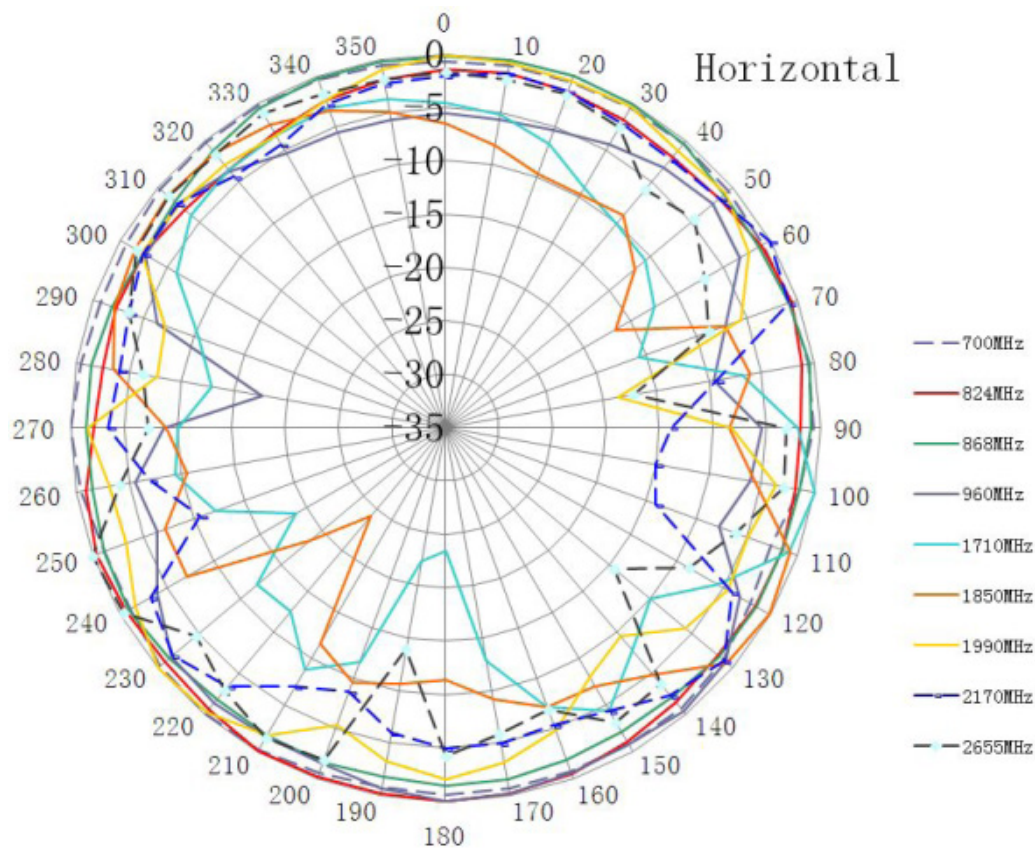
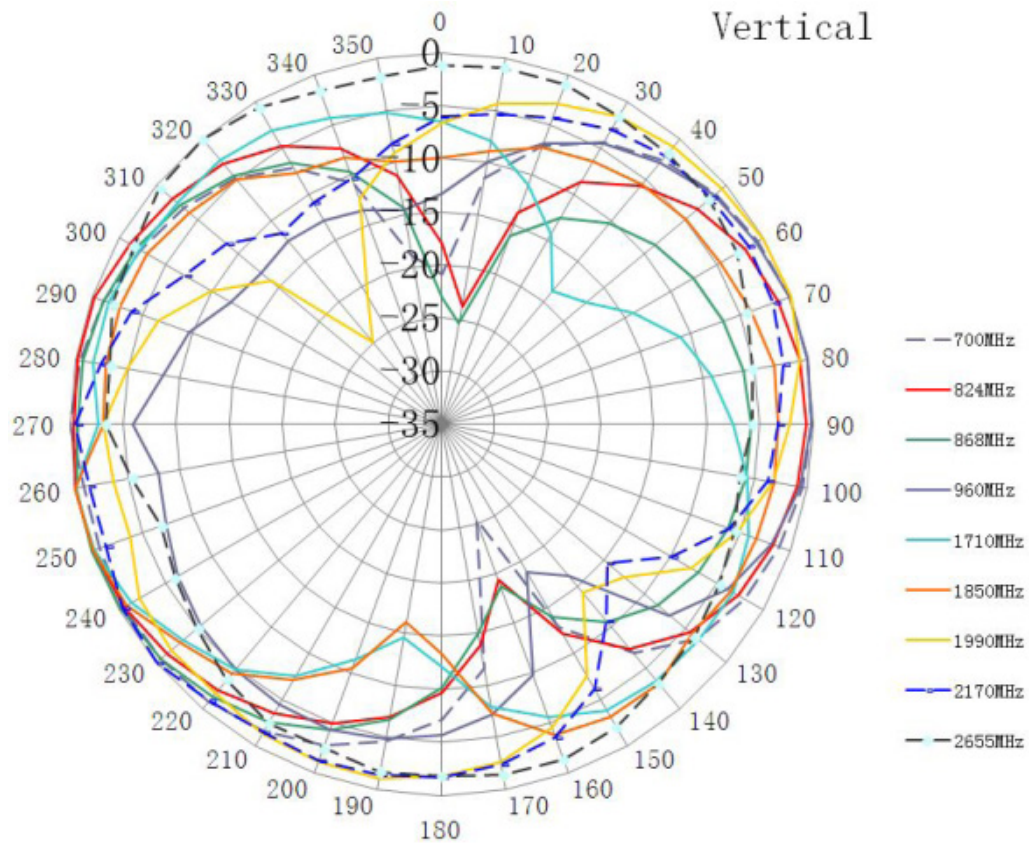
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Radiation Patterns



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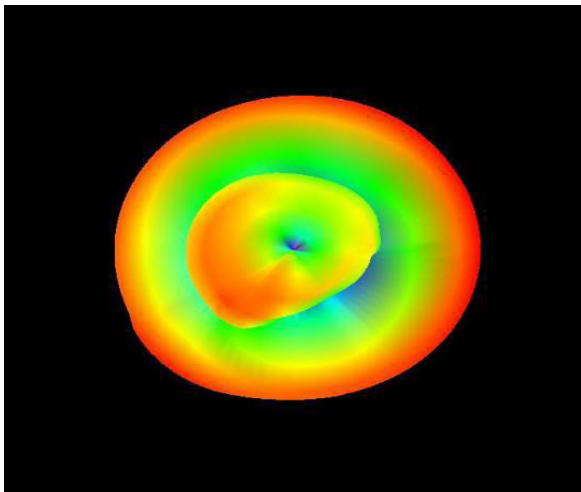


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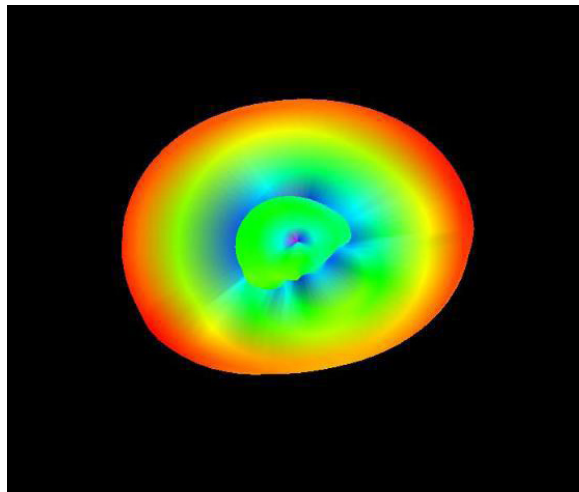
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Radiation Pattern

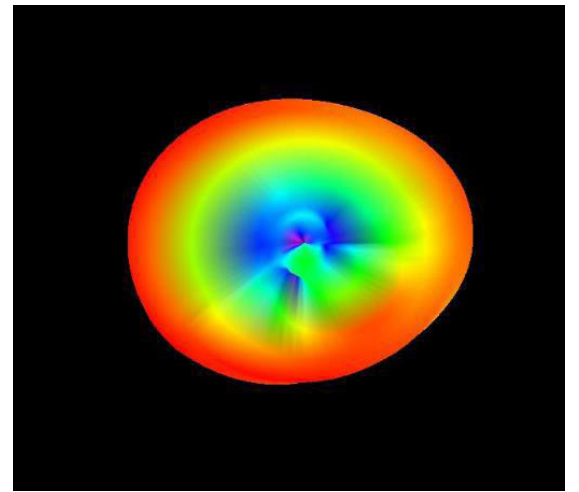
3D Radiation Patterns



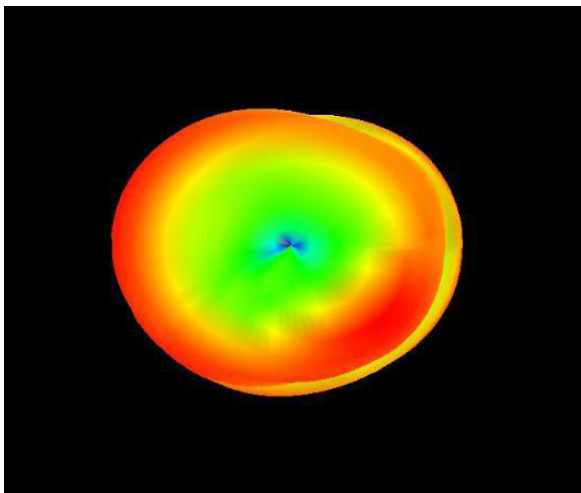
698 MHz



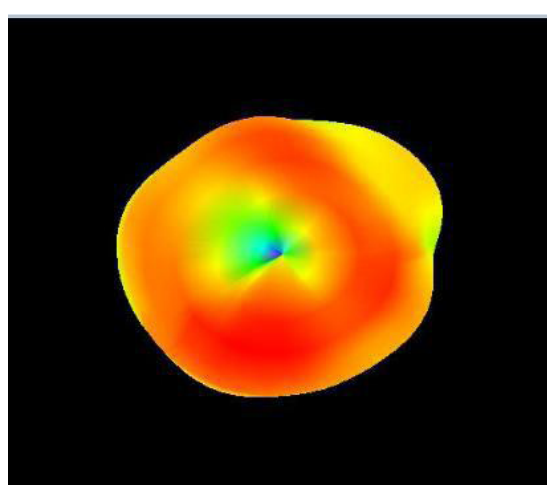
824 MHz



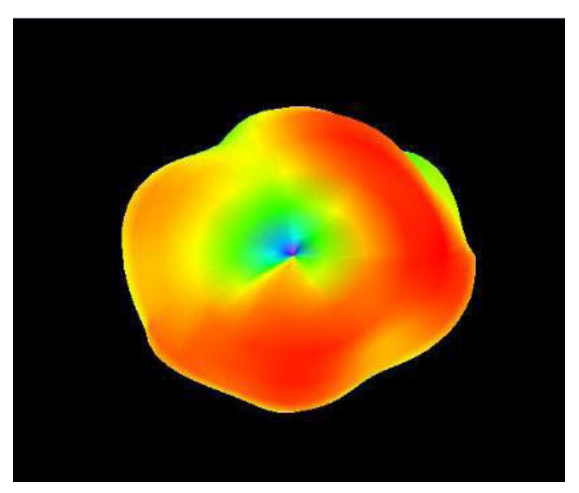
868 MHz



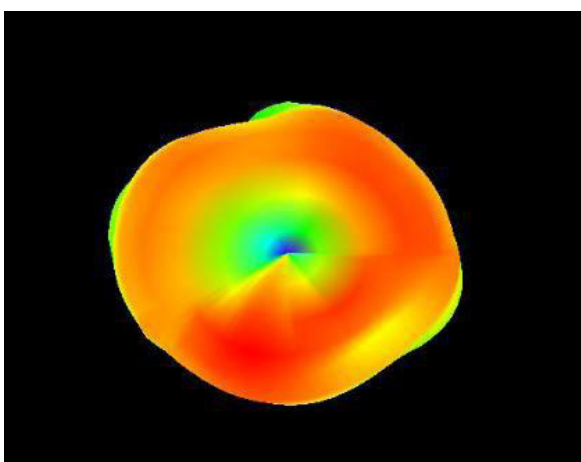
960 MHz



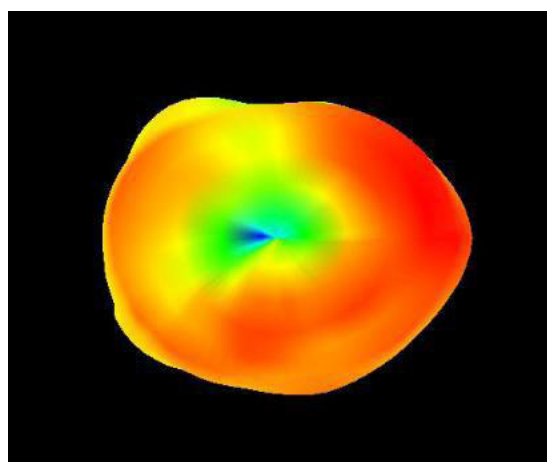
1710 MHz



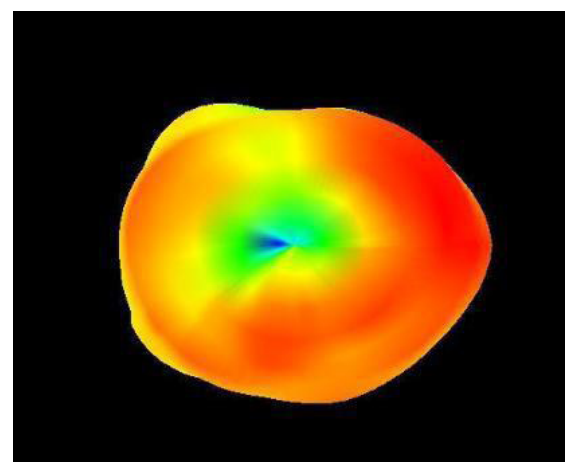
1850 MHz



1990 MHz



2170 MHz



2690 MHz



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Packaging

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

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