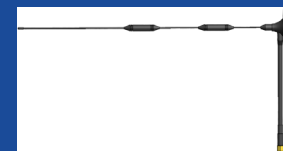


Magnetic Mount 4G/LTE Antenna



AEACAD460065-S698

Φ65 x 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	Φ65 x 460 mm

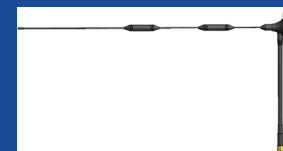


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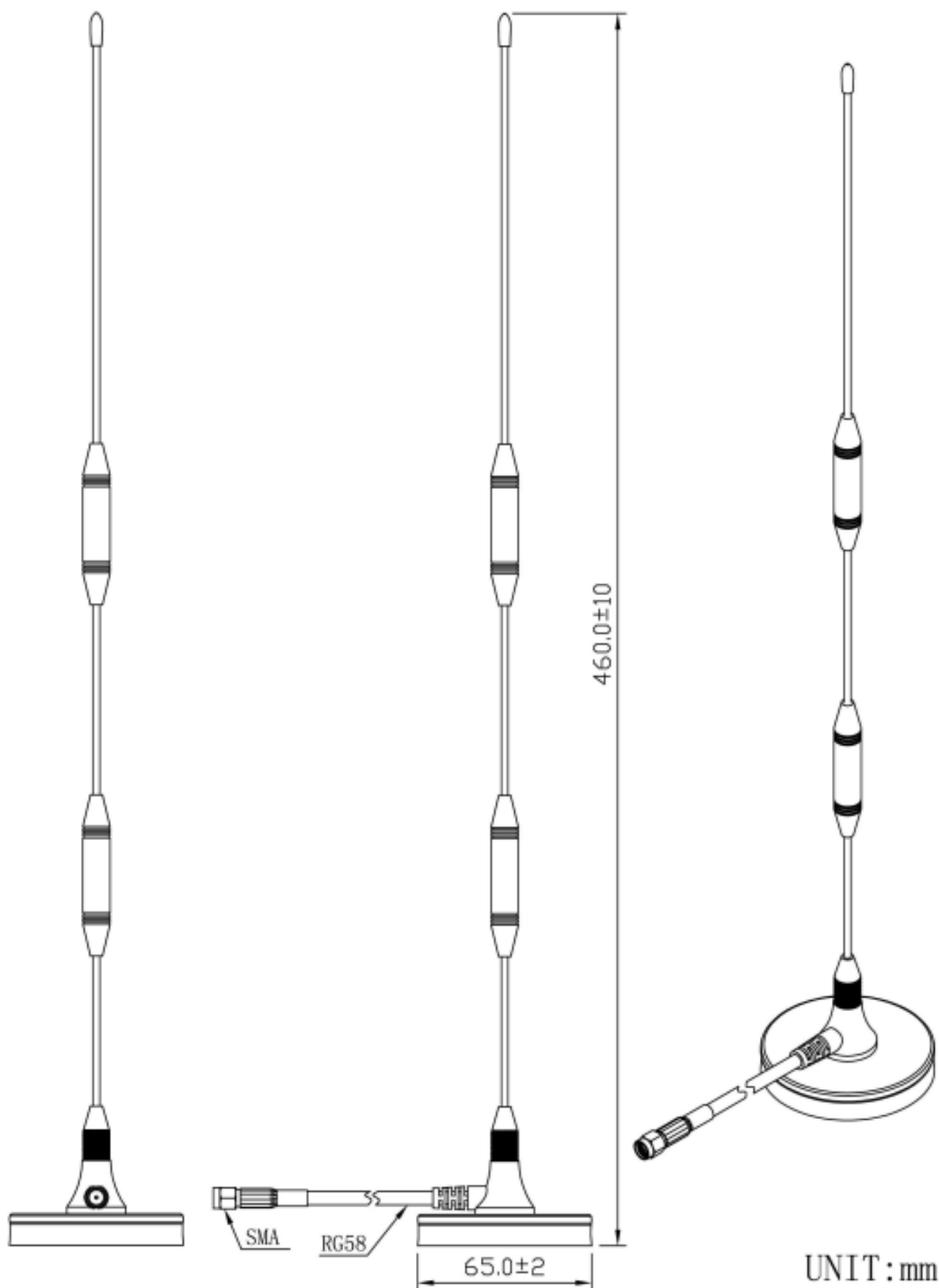
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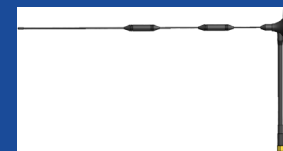
AEACAD460065-S698

$\Phi 65 \times 460$ mm
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Dimensions



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Product Image



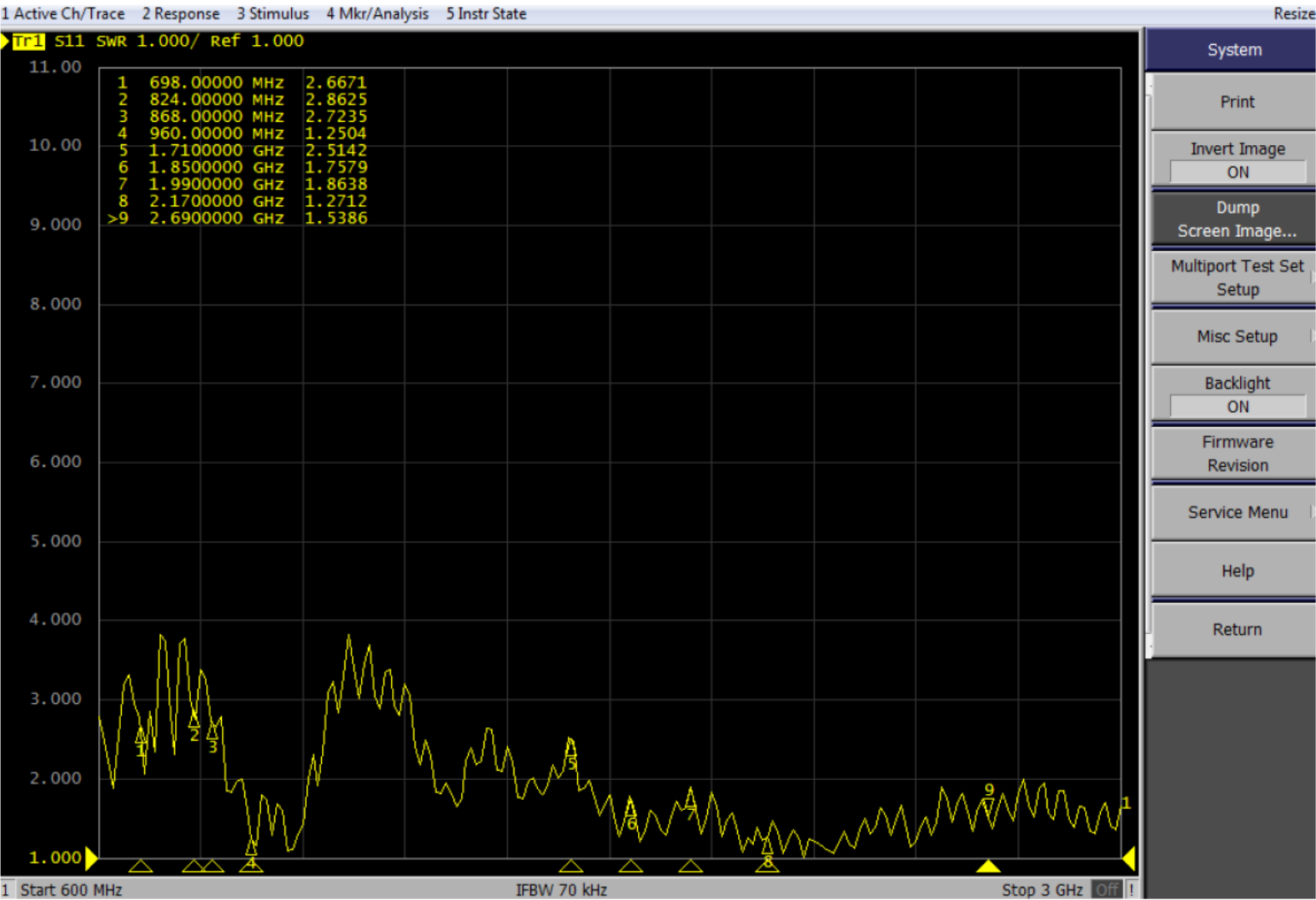
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VSWR



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

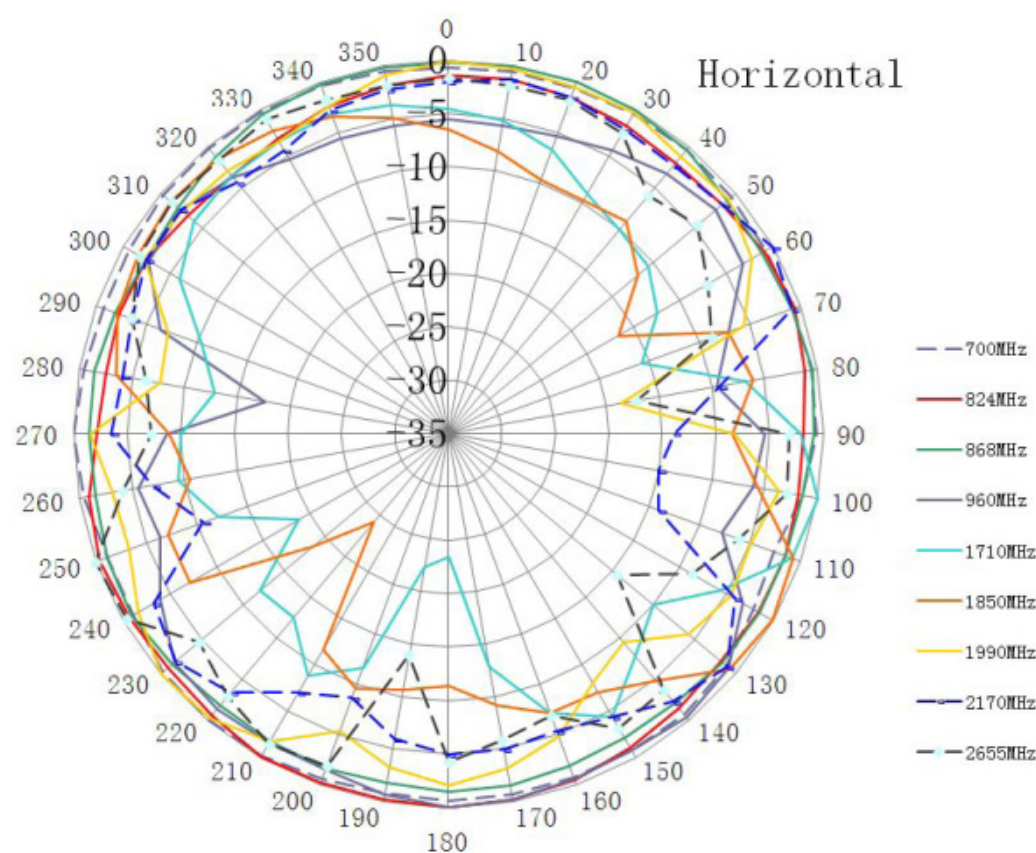
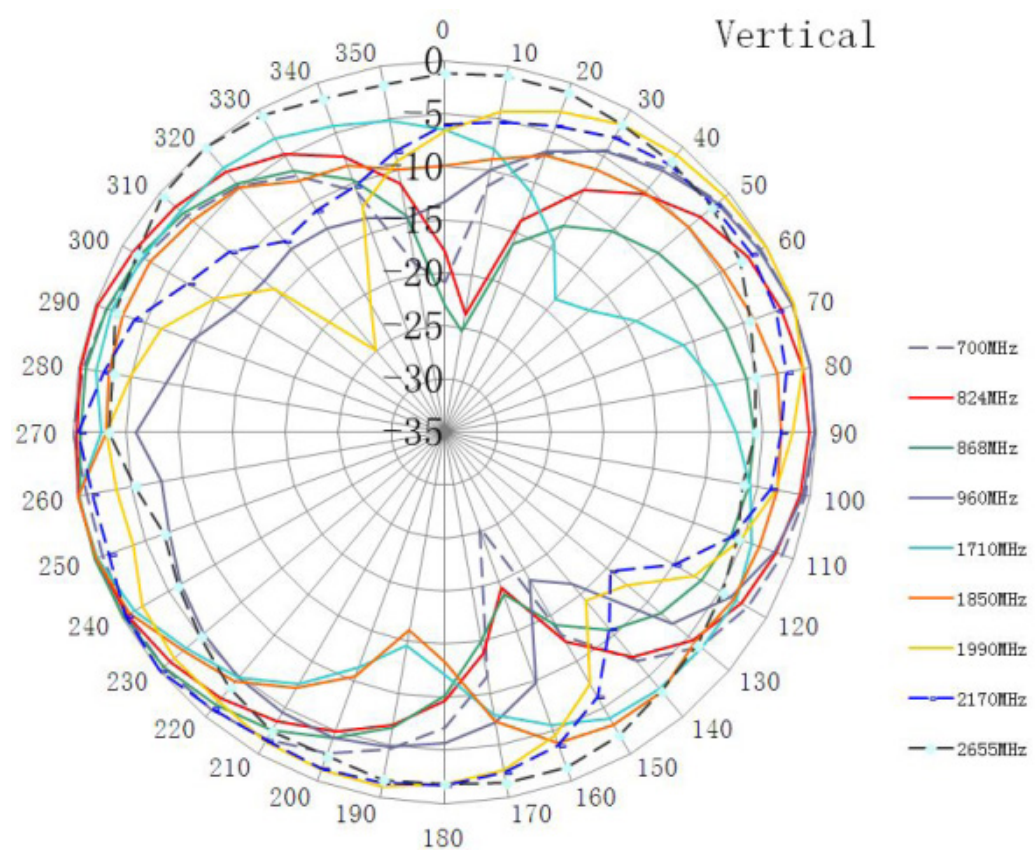
Magnetic Mount 4G/LTE Antenna

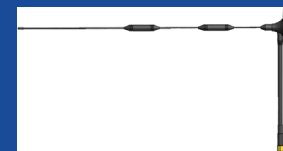


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Radiation Patterns



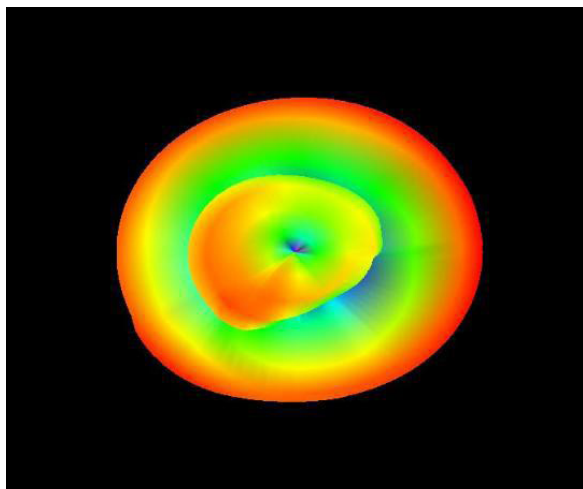


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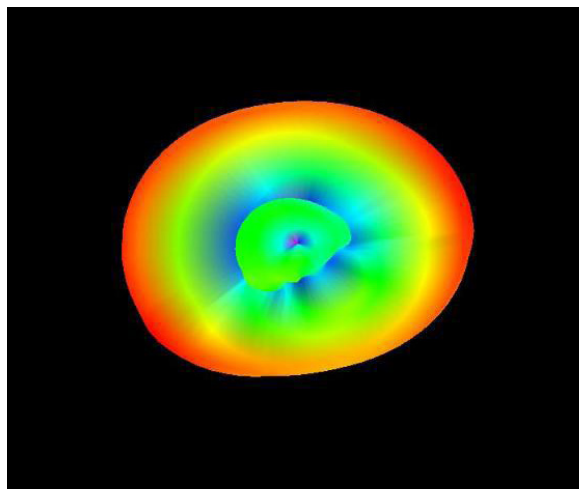
$\Phi 65 \times 460$ mm
RoHS/RoHS II Compliant
MSL - 1

Radiation Pattern

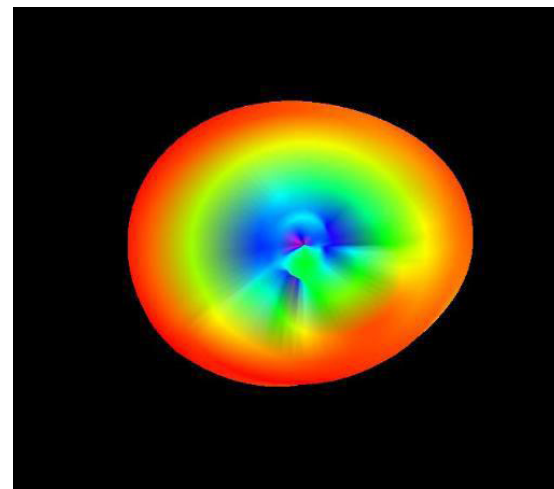
3D Radiation Patterns



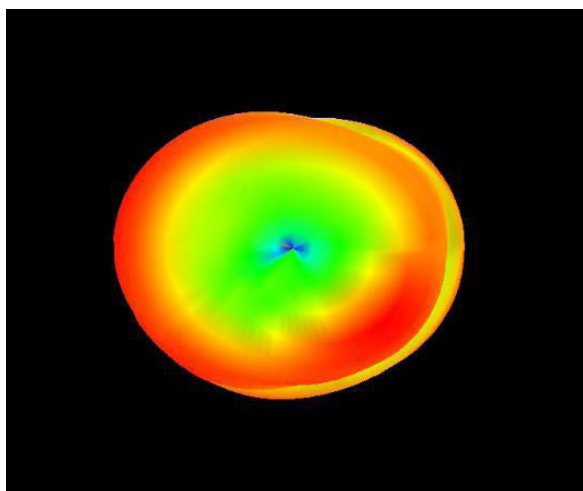
698 MHz



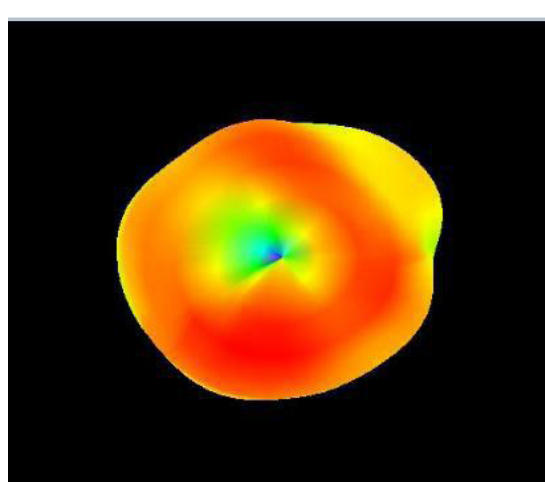
824 MHz



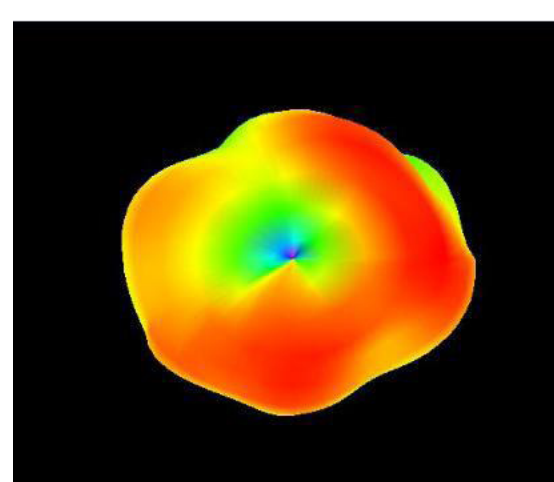
868 MHz



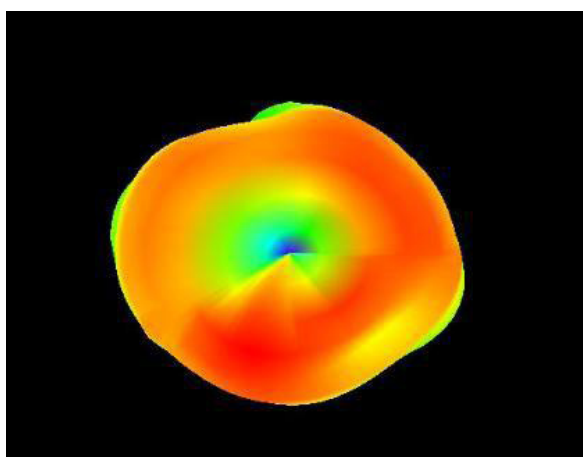
960 MHz



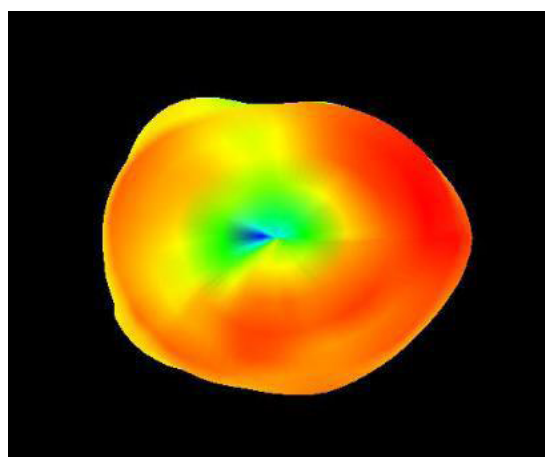
1710 MHz



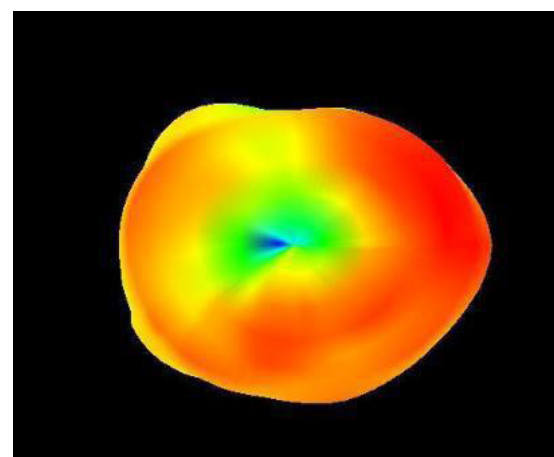
1850 MHz



1990 MHz

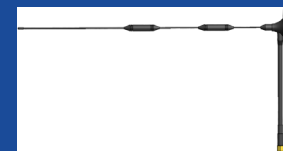


2170 MHz



2690 MHz

Magnetic Mount 4G/LTE Antenna



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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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