

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		Ω	
Gain		5.0		dBi	Zenith

Mechanical Characteristics

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

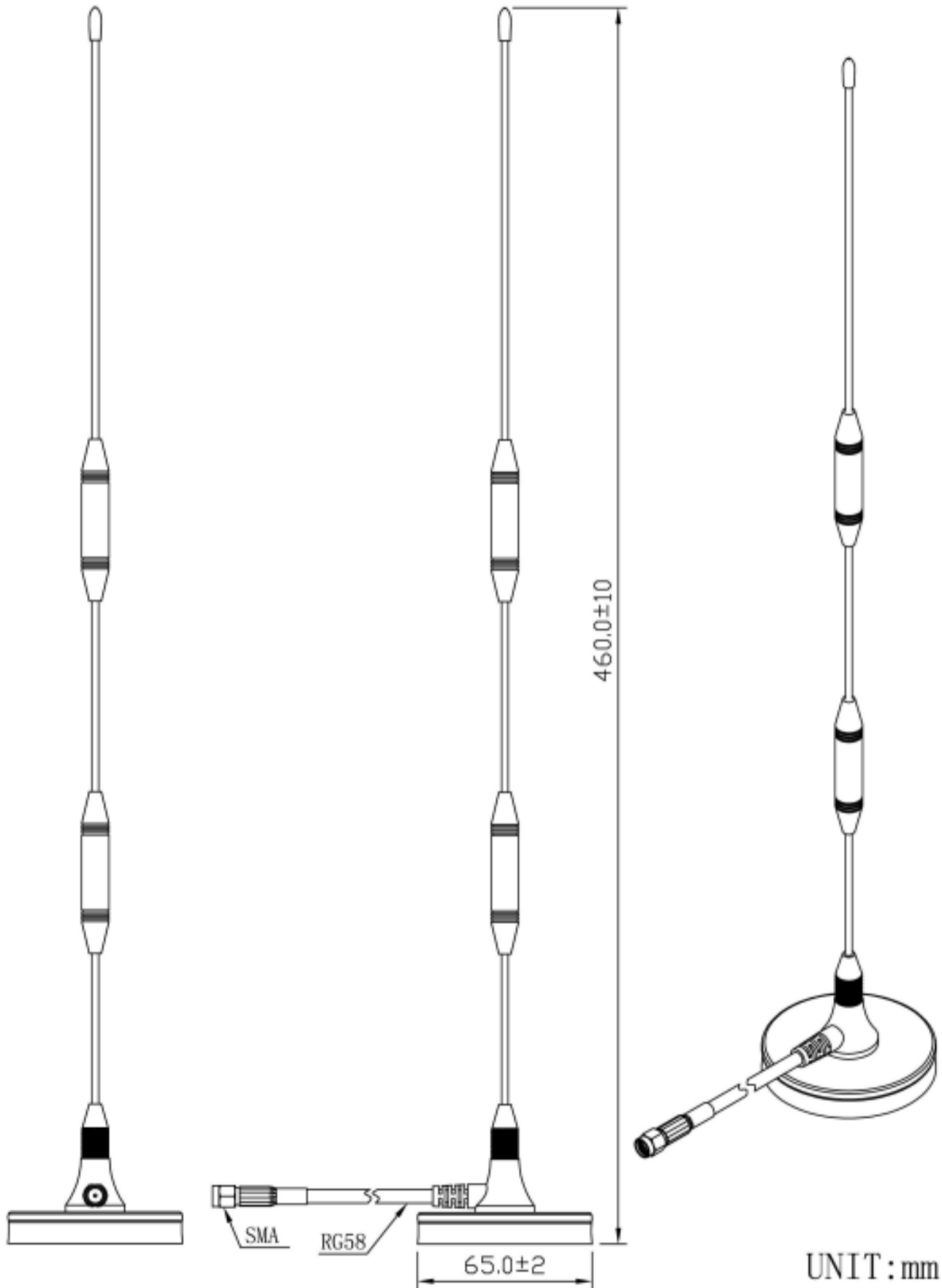
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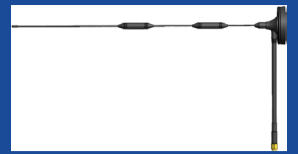
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Dimensions



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Product Image



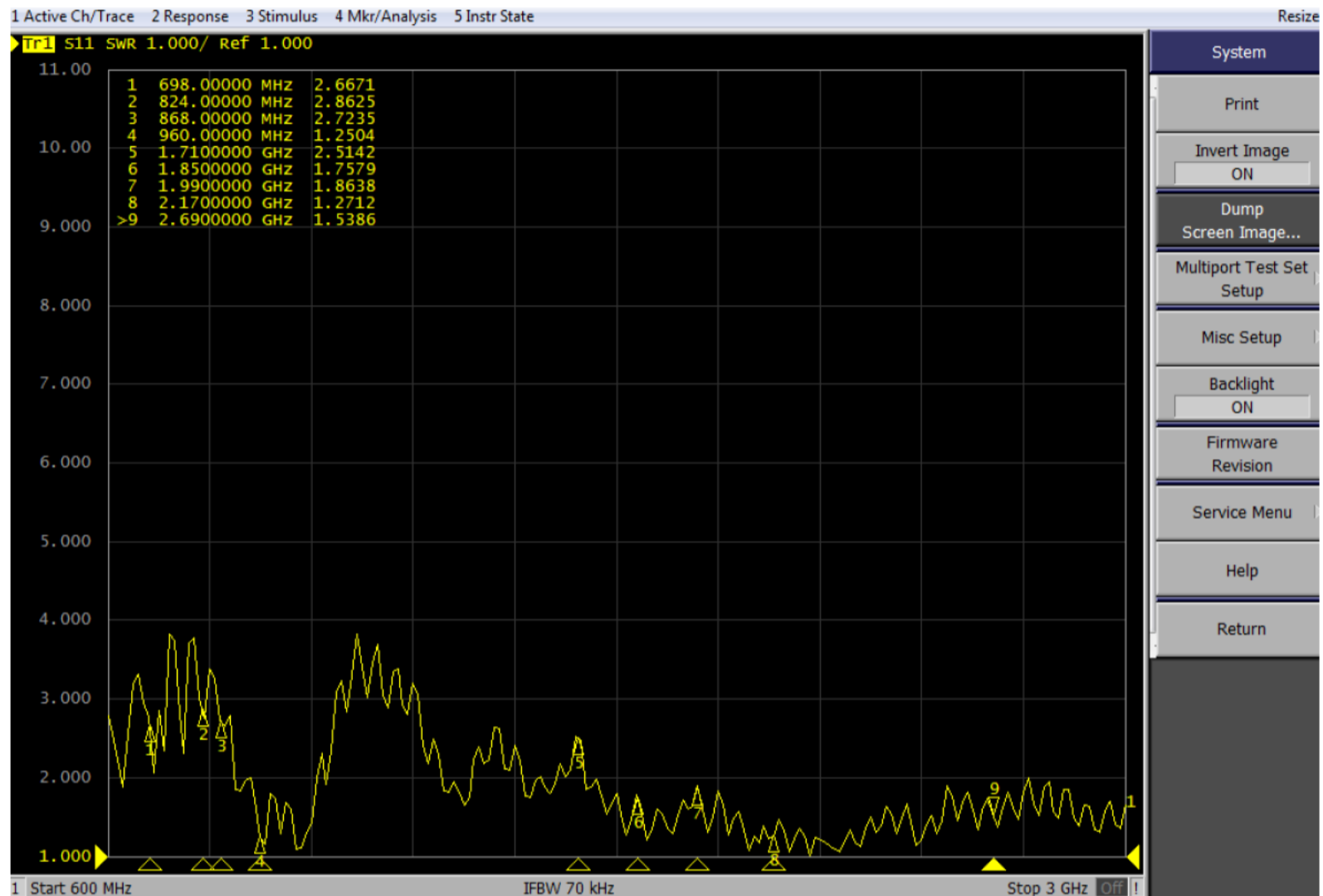
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VSWR



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

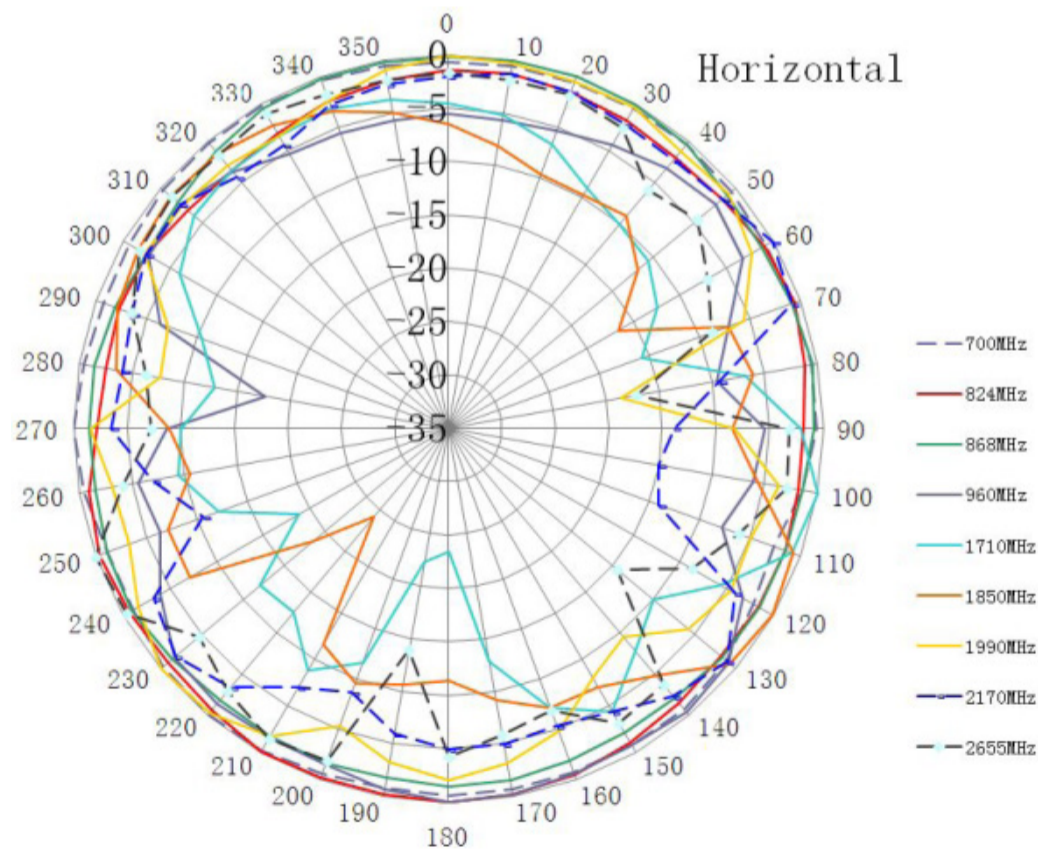
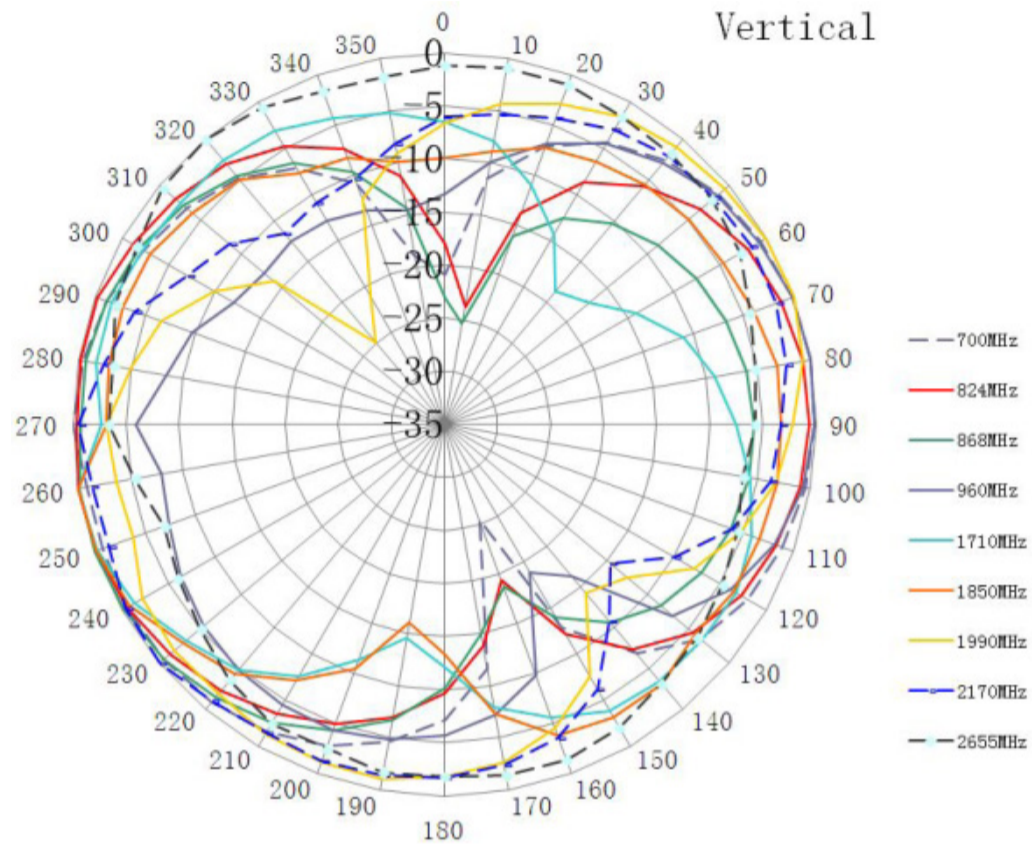
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Radiation Patterns



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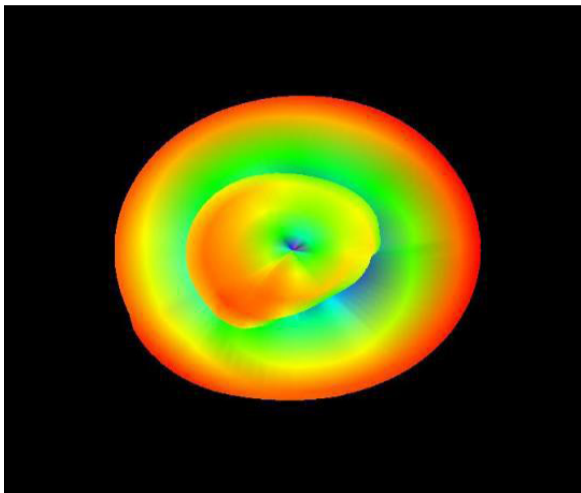


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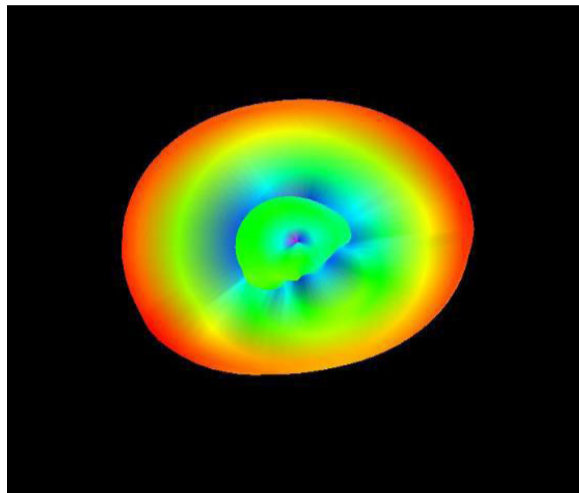
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Radiation Pattern

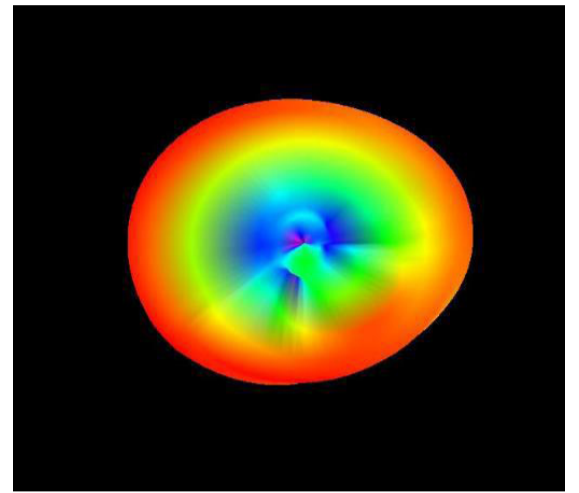
3D Radiation Patterns



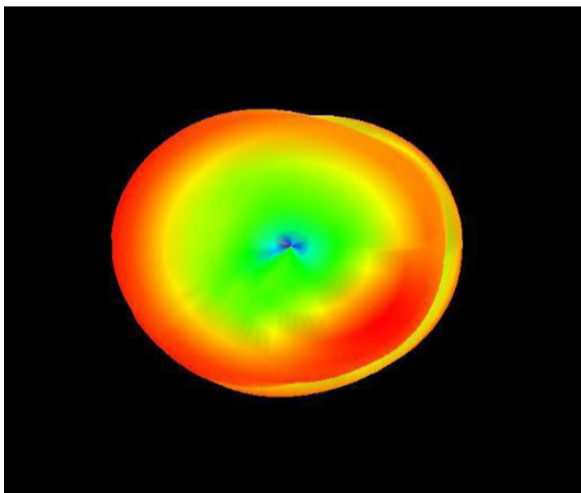
698 MHz



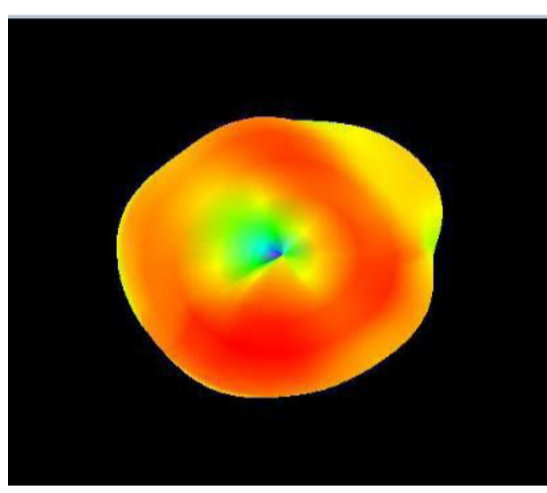
824 MHz



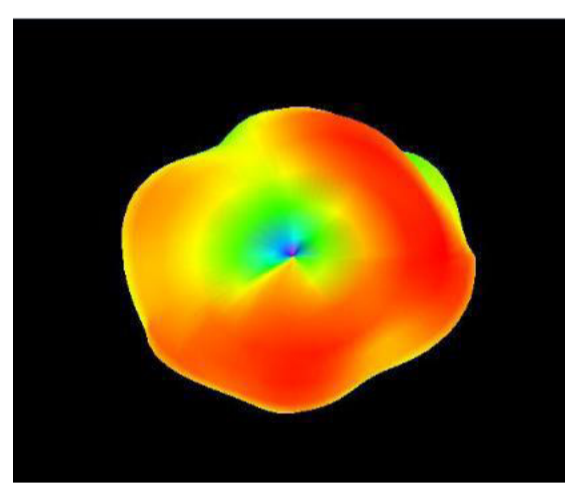
868 MHz



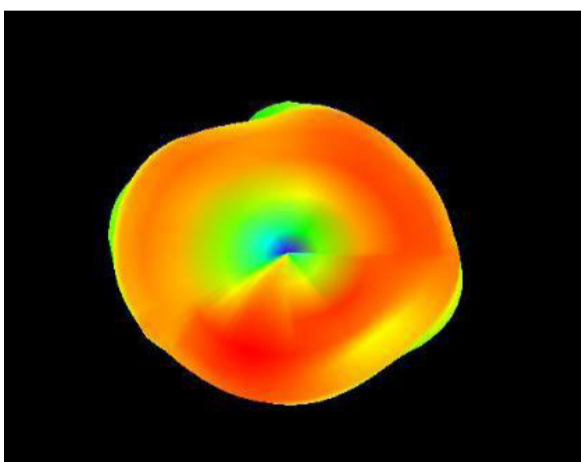
960 MHz



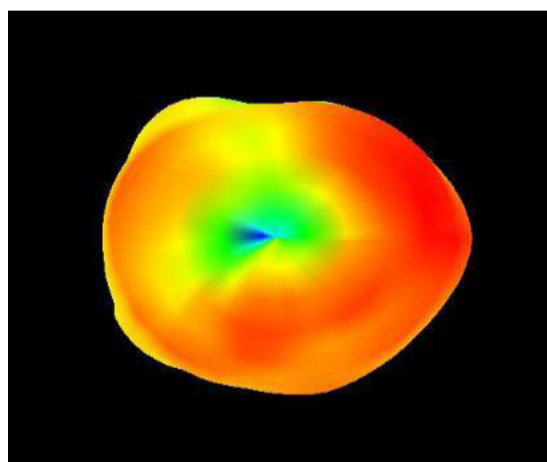
1710 MHz



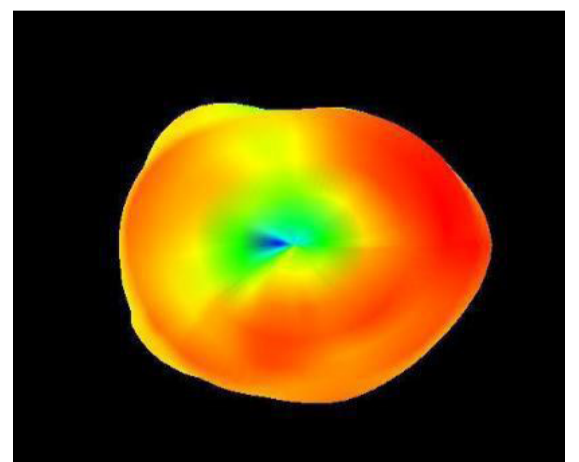
1850 MHz



1990 MHz



2170 MHz



2690 MHz



5101 Hidden Creek Ln Spicewood TX 78669
Phone: 512-371-6159 | Fax: 512-351-8858
For terms and conditions of sales, please visit:
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REVISED: 01.17.2019

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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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