



MEIG

美格智能技术股份有限公司

MeiG Smart Technology Co., Ltd

32/F, Building B, Shenzhen International Innovation Center, No.1006 Shennan Avenue, Futian District, Shenzhen, China



1. Specifications
2. Antenna Characteristics
3. Radiation Patterns
4. Contact



1-1.Specifications- Summary parameters MEIG

Impedance	50 Ω
Polarization	Linear
Radiation Pattern	Omni
Max. input power	5W
Planner Dimension	45*17mm
Casing	ABS
ANT Type	Internal Antenna
ANT model	3/4/5G Antenna
Temperature Range	-40°C to 85°C
ANT manufacturer	<u>MeiG Smart Technology Co., Ltd</u> <u>2nd Floor,Office Building,No.5 Lingxia</u> <u>Road,Fenghuang,Fuyong</u> <u>Street,Bao'an District,Shenzhen</u>
test lab	<u>MeiG Smart Technology Co., Ltd</u> <u>2nd Floor,Office Building,No.5 Lingxia</u> <u>Road,Fenghuang,Fuyong</u> <u>Street,Bao'an District,Shenzhen</u>

1-2. Test instrument and test photo

MEIG



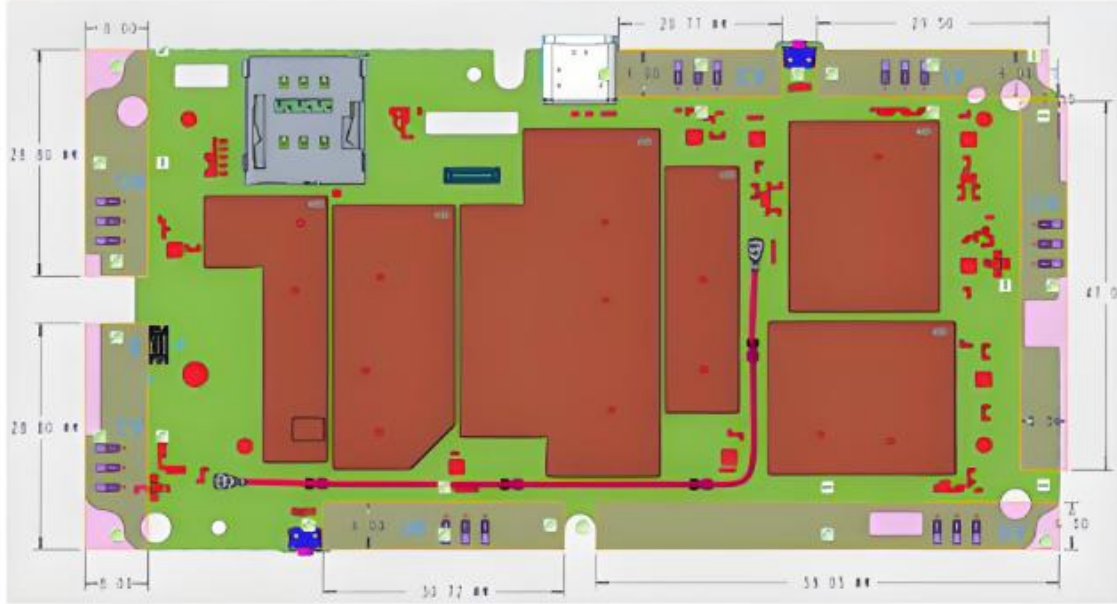
Test instrument

Test instrument calibration time:
2022.11.2

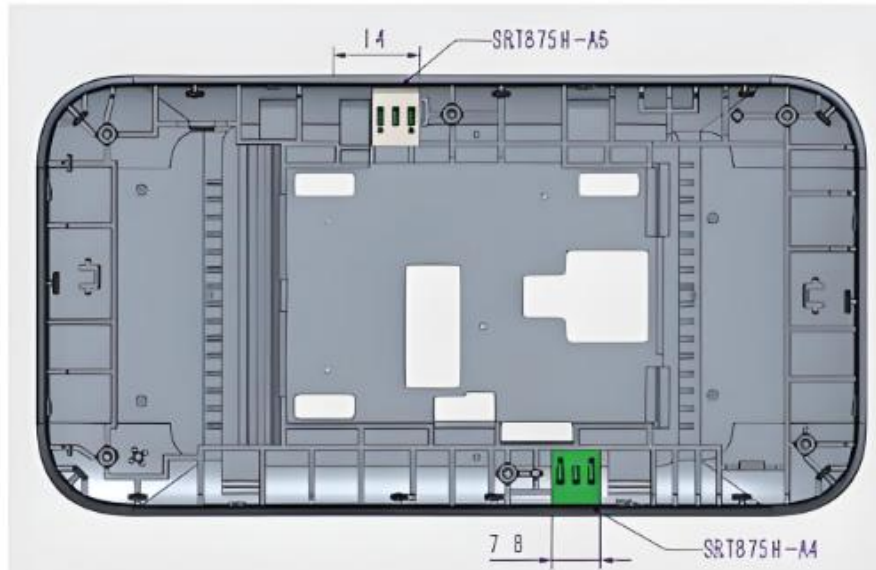
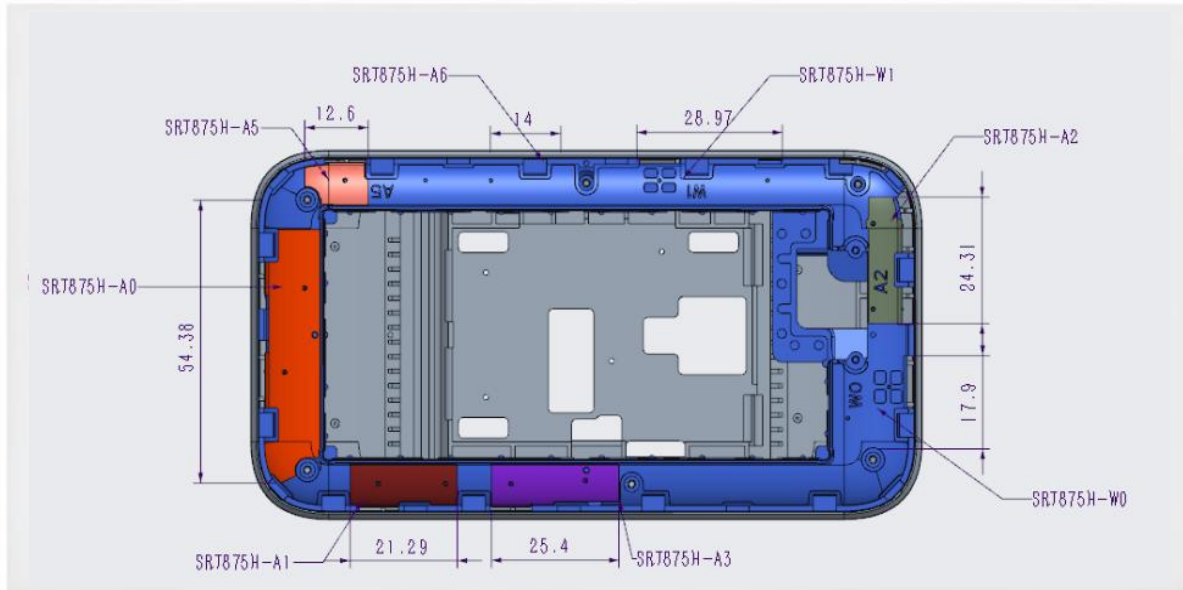


test photo

Antenna Location and Size

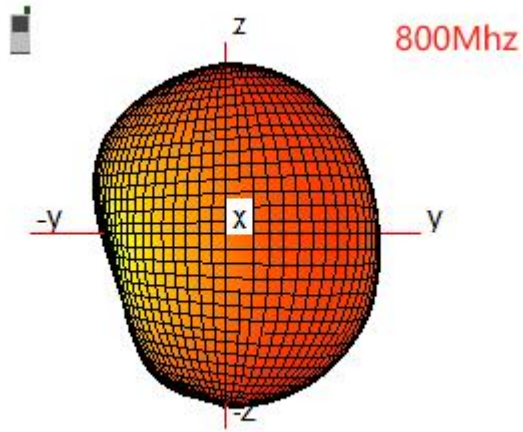


A0 is a 3/4G/5G antenna, length 47mm, A1 is a 4/5G antenna, length 29.5mm, A2 is a 3/4/5G antenna, length 28.8mm, A3 is a 4/5G antenna, length 20.77mm, A4 is a 5G antenna length 7.8mm, A5 is a 4G antenna, length 12.6mm, A6 is a 4/5G antenna, length 14mm. W0 is a 2.4/5G wifi0 antenna length 28.8mm, W1 is a 2.4/5G wifi 1 antenna, length 30.72mm.



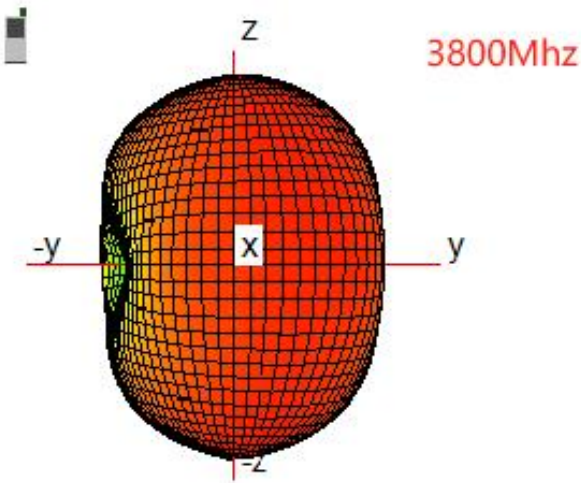
A0

ANT	Frequency	Efficiency	Max Gain
A0	600-960Mhz	-5dB	1.0dBi
	1710-2200Mhz	-4.5dB	2.0dBi
	2300-2700Mhz	-4.5dB	2.0dBi



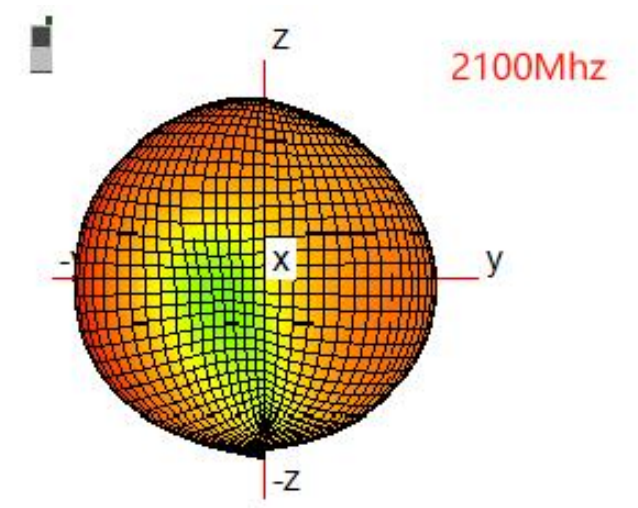
A1

ANT	Frequency	Efficiency	Max Gain
A1	1710-2200Mhz	-5. 5dB	1. 5dBi
	2300-2700Mhz	-4. 6dB	1. 8dBi
	3300-4200Mhz	-4. 3dB	1. 5dBi



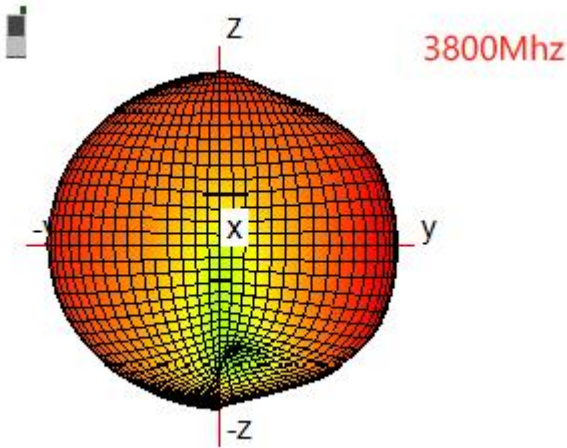
A2

ANT	Frequency	Efficiency	Max Gain
A2	600-960Mhz	-6.5dB	0.8dBi
	1710-2200Mhz	-4.5dB	1.5dBi
	2300-2700Mhz	-5dB	1.8dBi



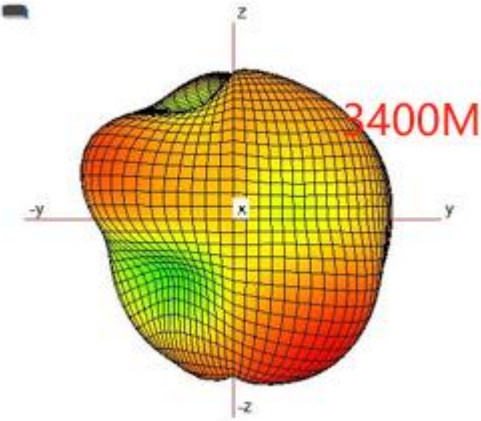
A3

ANT	Frequency	Efficiency	Max Gain
A3	1710-2200Mhz	-4.5dB	1.2dBi
	2300-2700Mhz	-5dB	1.8dBi
	3300-4200Mhz	-5.5dB	1.5dBi



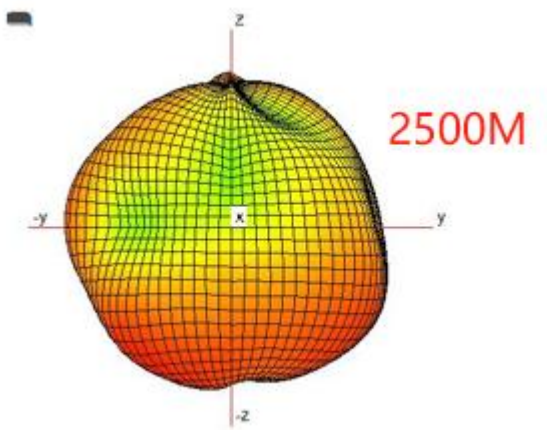
A4

ANT	Frequency	Efficiency	Max Gain
A4	3300-4200Mhz	-4.0dB	2.5dBi



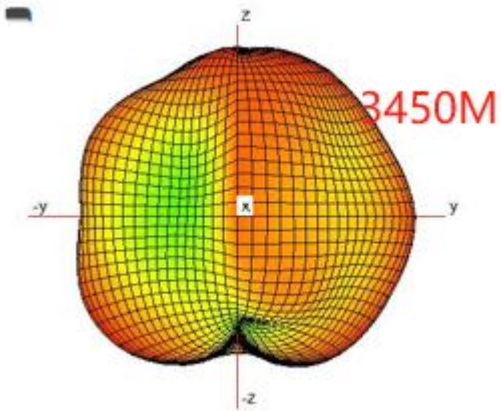
A5

ANT	Frequency	Efficiency	Max Gain
A5	1710-2200Mhz	-4.5dB	1.5dBi
	2300-2700Mhz	-5dB	2dBi



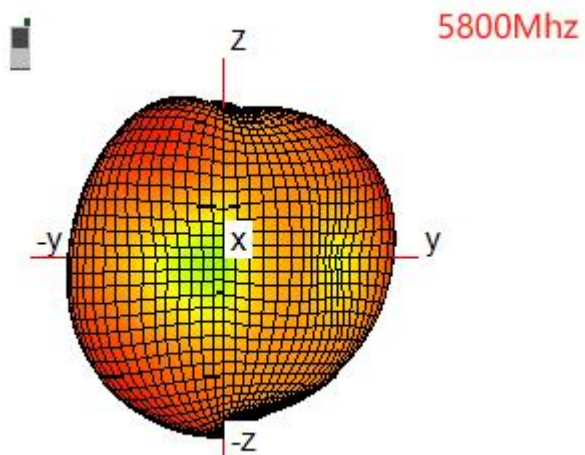
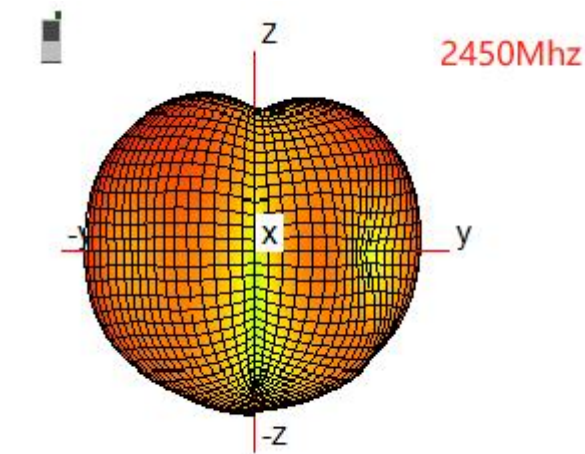
A6

ANT	Frequency	Efficiency	Max Gain
A6	2300-2700Mhz	-4.2dB	2.0dBi
	3300-4200Mhz	-5.3dB	2.3dBi



WiFi 0

ANT	Frequency		Efficiency	Max Gain
W0	2.4G	2400-2500MHz	-4.5dB	1.0dBi
	5G	5150-5850MHz	-4dB	1.2dBi



WiFi 1

ANT	BAND		Efficiency	Max Gain
W1	2.4G	2400-2500MHz	-4.5dB	0.8dBi
	5G	5150-5850MHz	-5dB	0.8dBi

