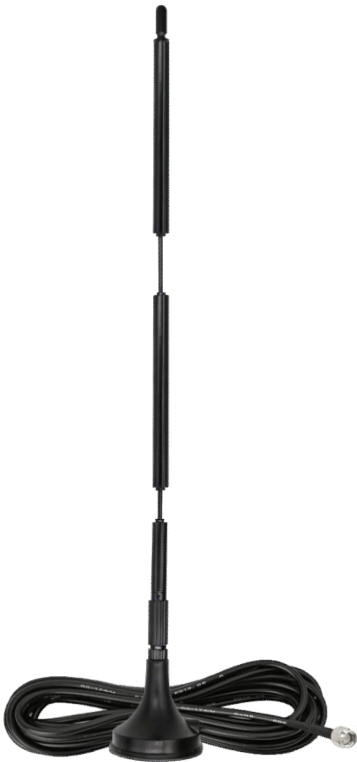


860-930MHz Small Suction Cup Antenna

FEATURES



- Magnetic installation
- Metal and non-metallic surfaces can be shared
- Customized product development supported
- 48 hours salty spray testing



PRODUCTS

Part No.	Weight	Dimensions (L x W x H)	Cable	Connector	Color
AELM008	33.8g	Φ29.6*239mm	Φ2.8*1000mm	SMA MALE	Black

SPECIFICATIONS

PARAMETER	SPECIFICATION
Frequency Bands, MHz	860-960MHz
VSWR (Max)	2.0:1
Peak Gain, dBi	1.03
Peak Efficiency, %	50.96
Nominal Impedance	50 Ω
Max Power (ambient temp of 25°C)	10 Watts
Azimuth Beam Width (deg)	Omnidirectional
Polarization	Linear
Radome	/
Storage Temperature Range (°C)	-40° C to +85° C
Operational Temperature Range (°C)	-40° C to +85° C
Material Substance Compliance	RoHS Compliant
Salt Spray Test	48H

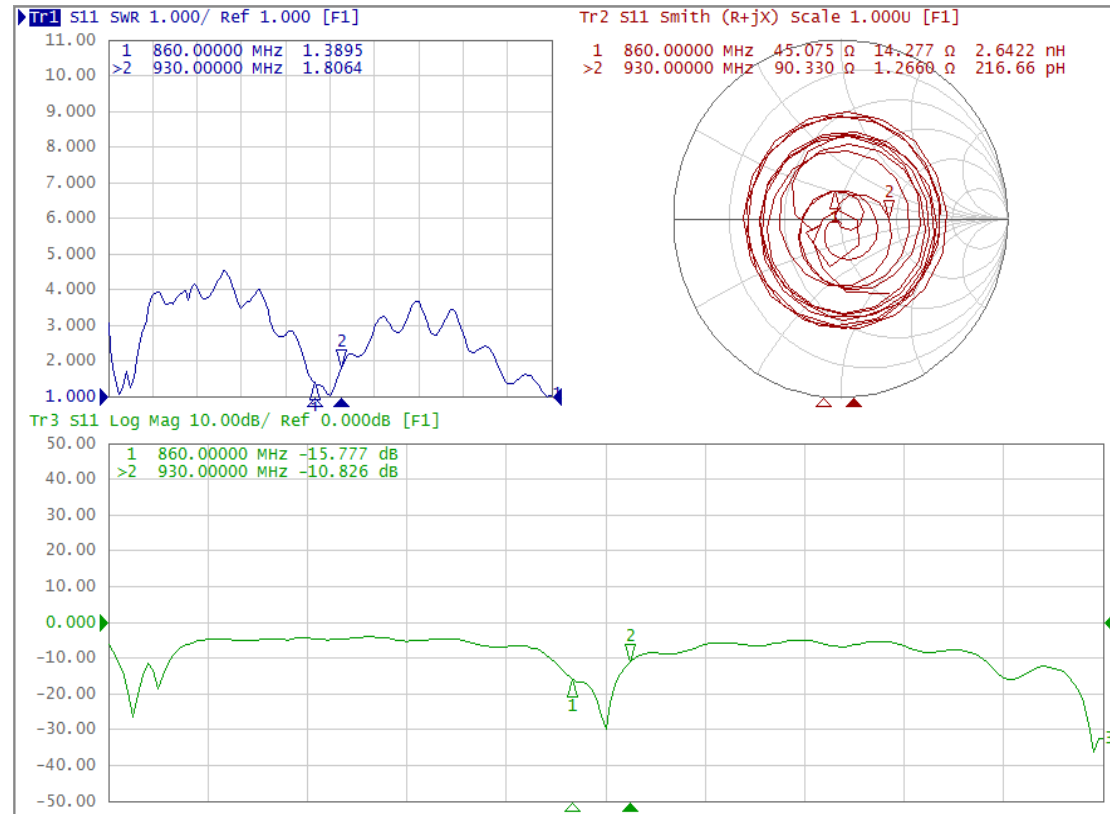
MyAntenna RF Technology Co., Ltd

ADD: No.RM 410, Country Garden Phoenix Wisdom Valley, No. 50 Tiezai Road, Baoan District, Shenzhen, P.R.China.

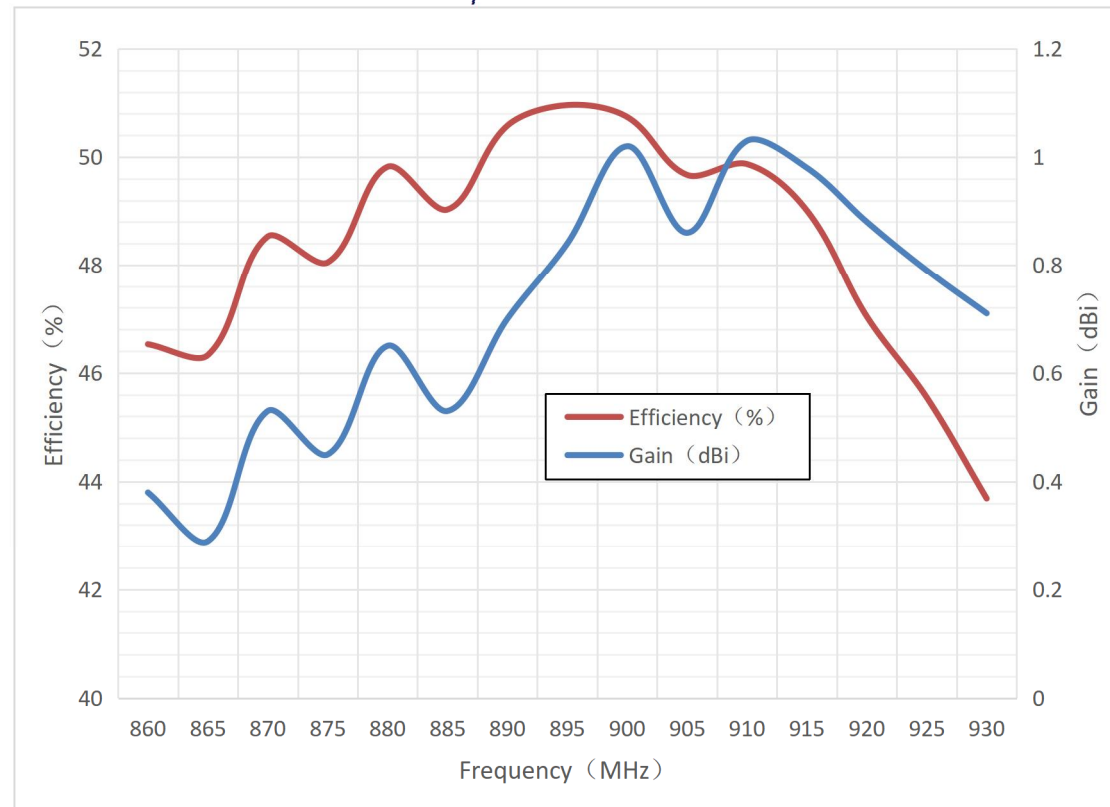
TEL: +86-0755-86503881 FAX: +86-0755-27801677 E-mail: nfc@myantenna.com

ELECTRICAL DATA

Return Loss



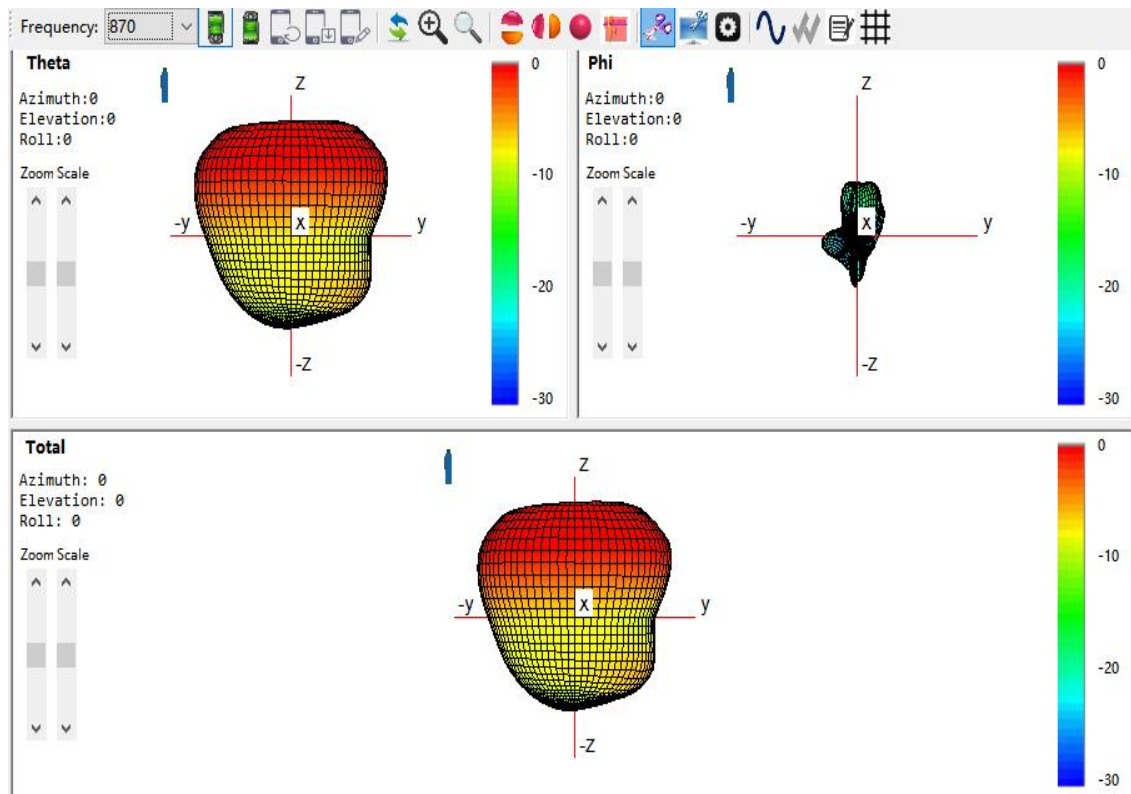
Efficiency (%) And Gain (dBi)



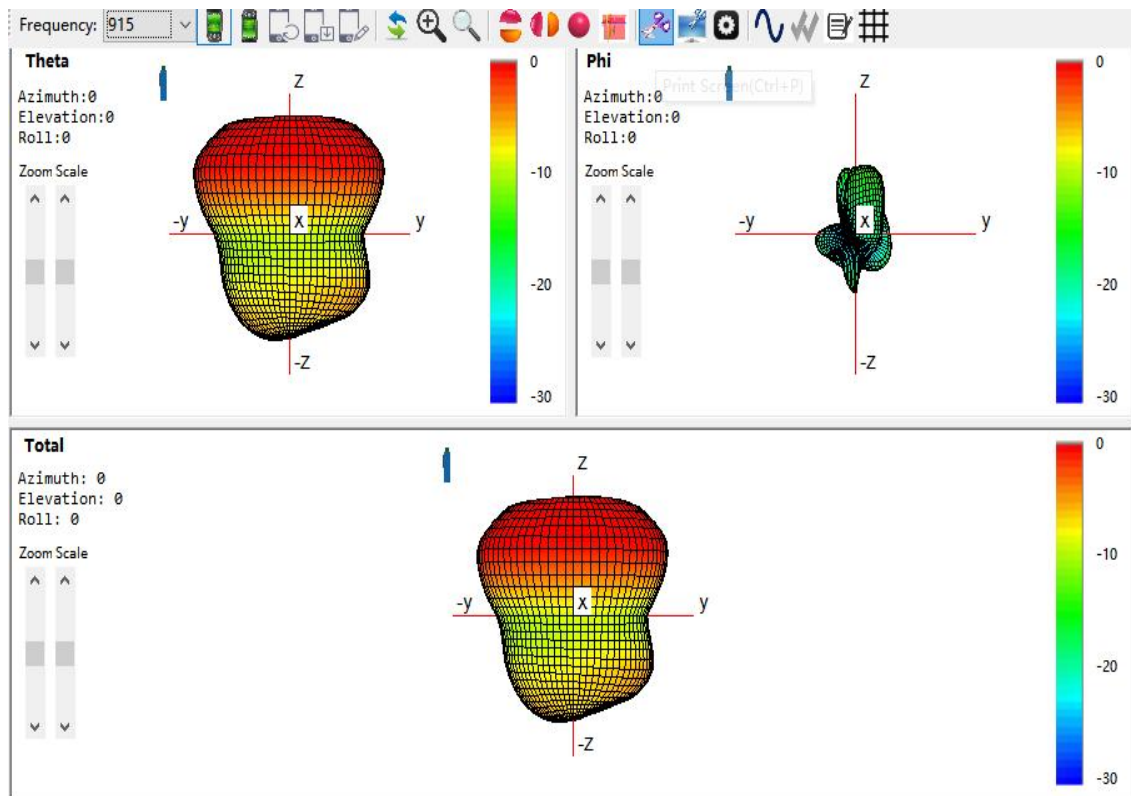
Frequency (MHz)	Gain (dBi)	Efficiency (%)
860	0.38	46.53
865	0.29	46.33
870	0.53	48.53
875	0.45	48.05
880	0.65	49.82
885	0.53	49.03
890	0.70	50.58
895	0.84	50.96
900	1.02	50.74
905	0.86	49.67
910	1.03	49.87
915	0.98	49.01
920	0.88	47.04
925	0.79	45.55
930	0.71	43.69

RADIATION PATTERNS

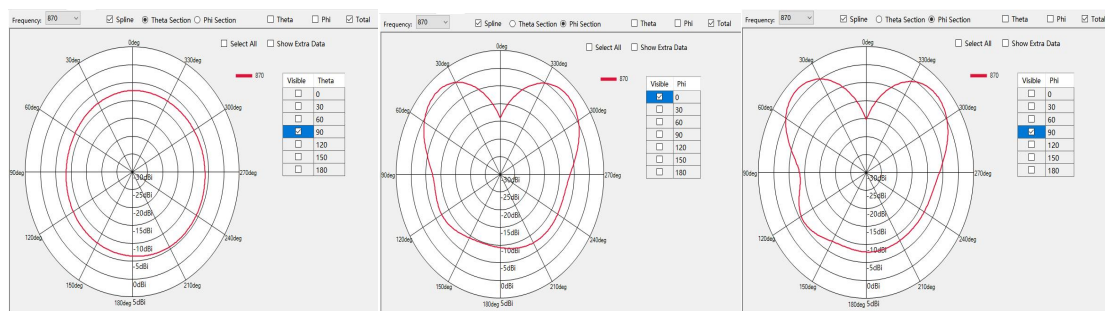
3D Radiation Pattern at 870MHz Gain=0.53 dBi



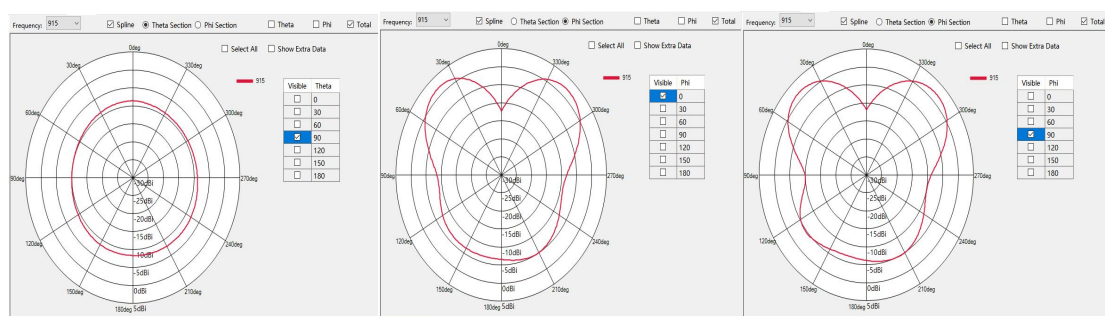
3D Radiation Pattern at 915MHz Gain=0.98 dBi



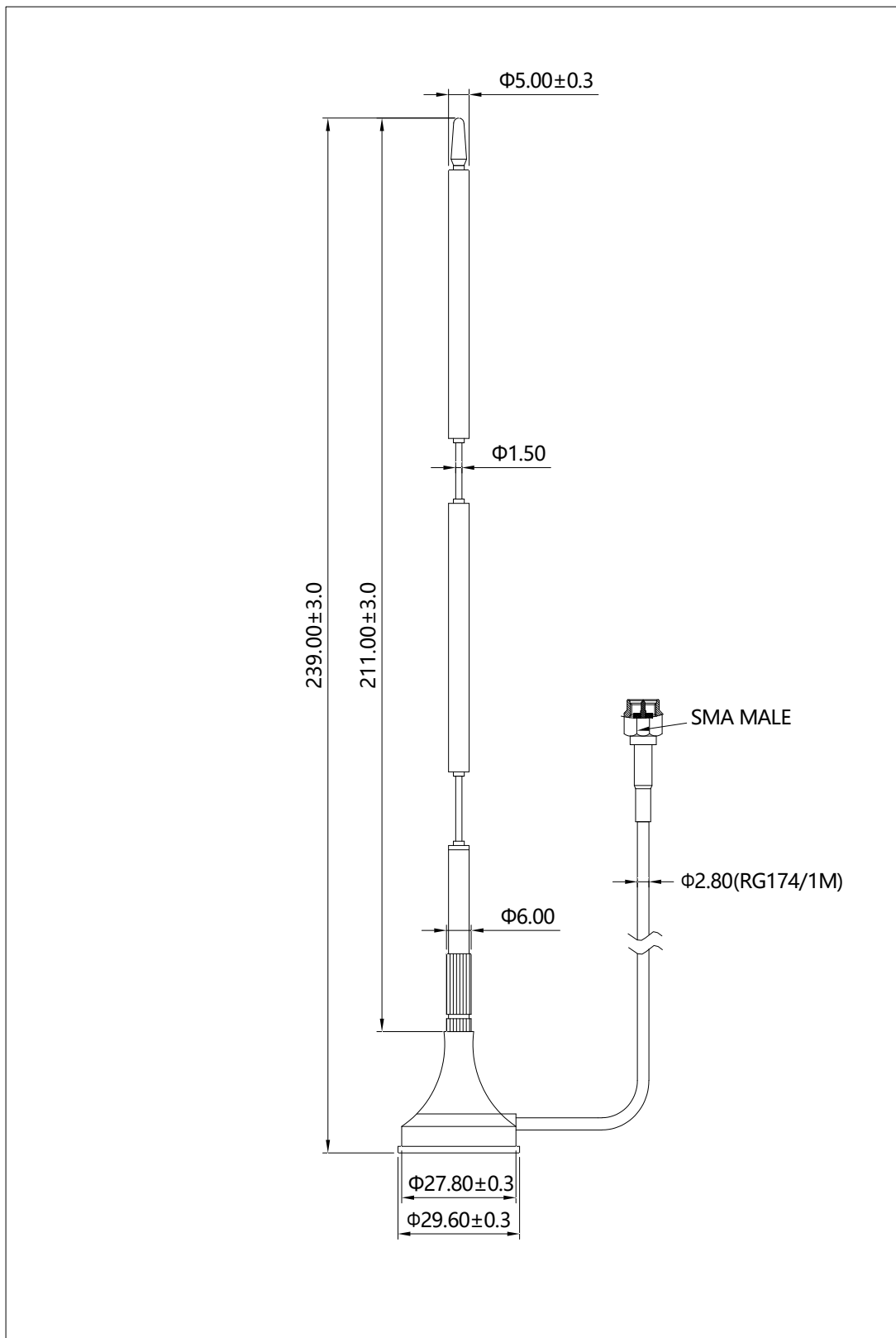
2D Radiation Pattern at 870MHz Gain=0.53 dBi



2D Radiation Pattern at 915MHz Gain=0.98 dBi



HOUSING CONFIGURATIONS



Aboosty™ is owned by Shenzhen MyAntenna RF Technology Co., Ltd. (often abbreviated as MyAntenna).