

Kaiterra Antenna

PRODUCTS

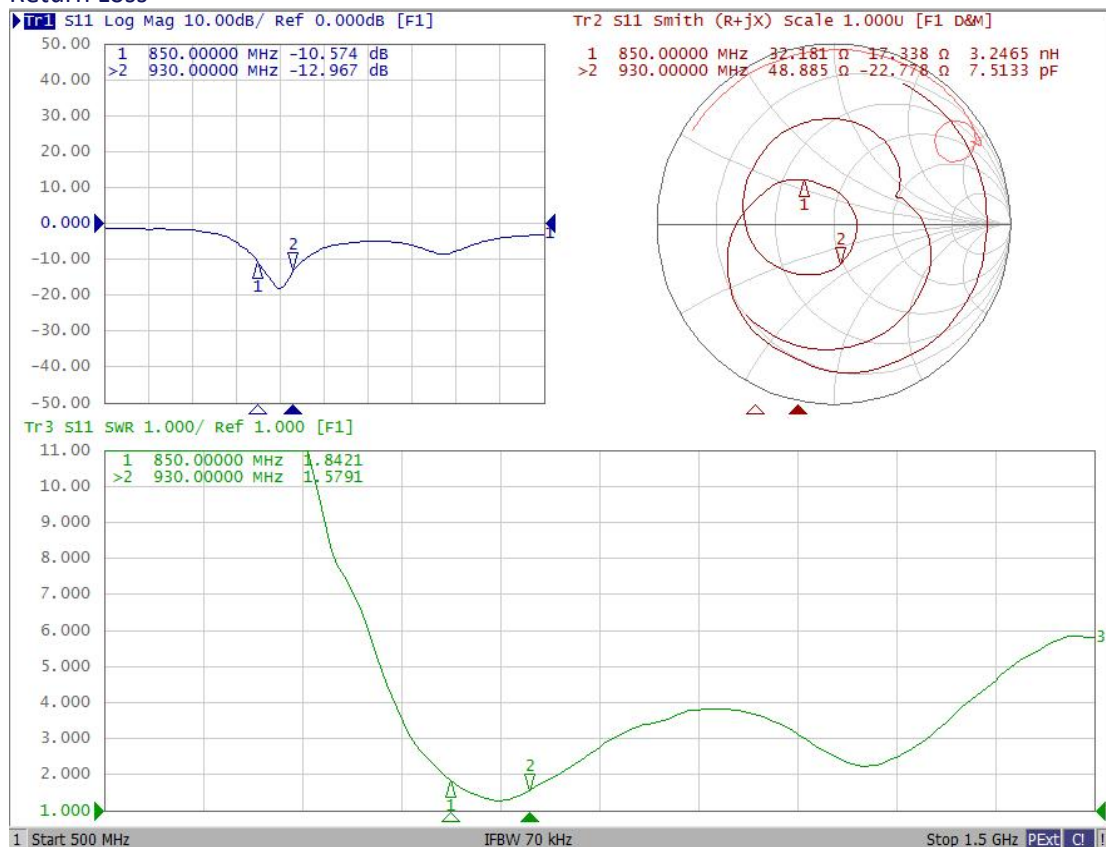
| Part No. | Weight | Dimensions (L x WxH) | Cables Dimensions | Connector | Color |
|----------------|--------|-----------------------|-------------------|-----------|-------------|
| M01-0400930ROA | | PCB:100.0*13.0*0.8 mm | Φ1.13*100mm | IPEX1 | Black+green |

SPECIFICATIONS

| PARAMETER | SPECIFICATION |
|------------------------------------|----------------------|
| Frequency Bands, MHz | 850-930 |
| VSWR (Max) | 2:1 |
| Peak Gain, dBi | Up to 0.61dBi |
| Peak Efficiency, % | Up to 47.99% |
| Nominal Impedance | 50 Ω |
| Max Power (ambient temp of 25°C) | 10 Watts |
| Polarization | Linear |
| Color | Black+green |
| Storage Temperature Range (°C) | -40° C to +85° C |
| Operational Temperature Range (°C) | -40° C to +85° C |
| Material Substance Compliance | REACH/RoHS Compliant |

ELECTRICAL DATA

Return Loss

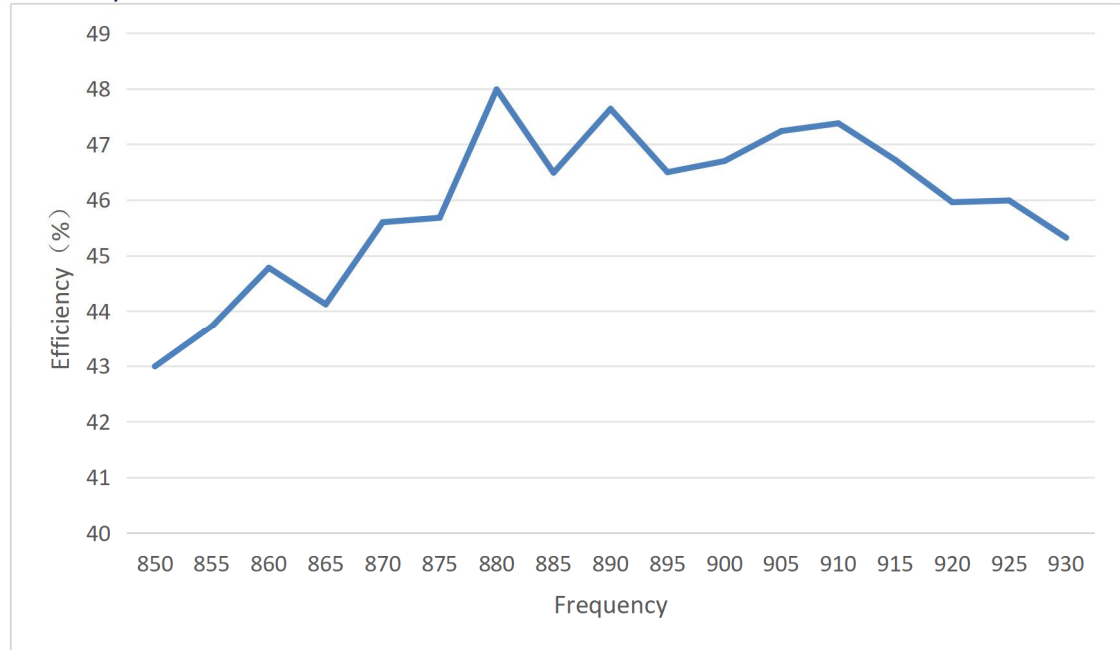


MyAntenna RF Technology Co., Ltd

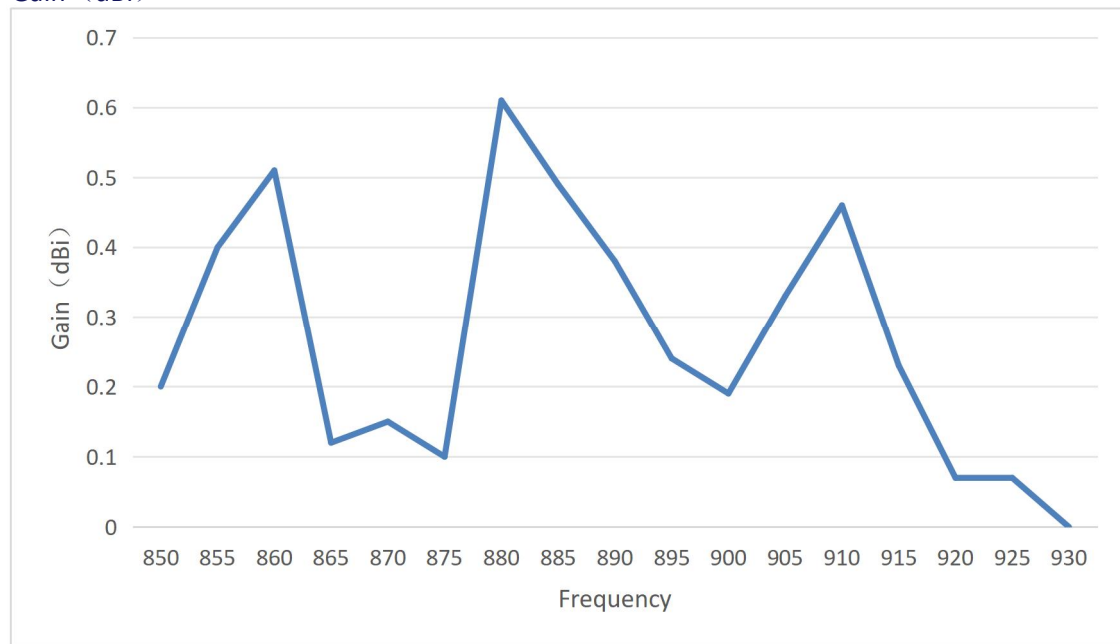
ADD:Room 410, Building A, Fenghuang Zhigu, No. 50 Tiezi Road, Gongle Community, Xixiang Street, Baoan District, Shenzhen

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

Efficiency (%)



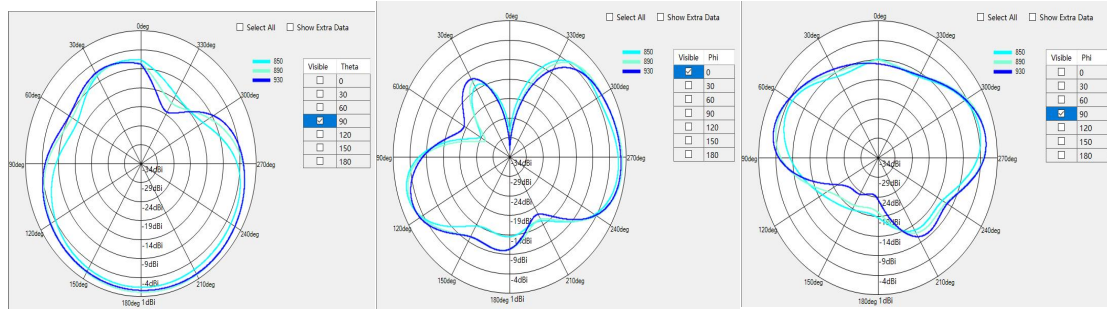
Gain (dBi)



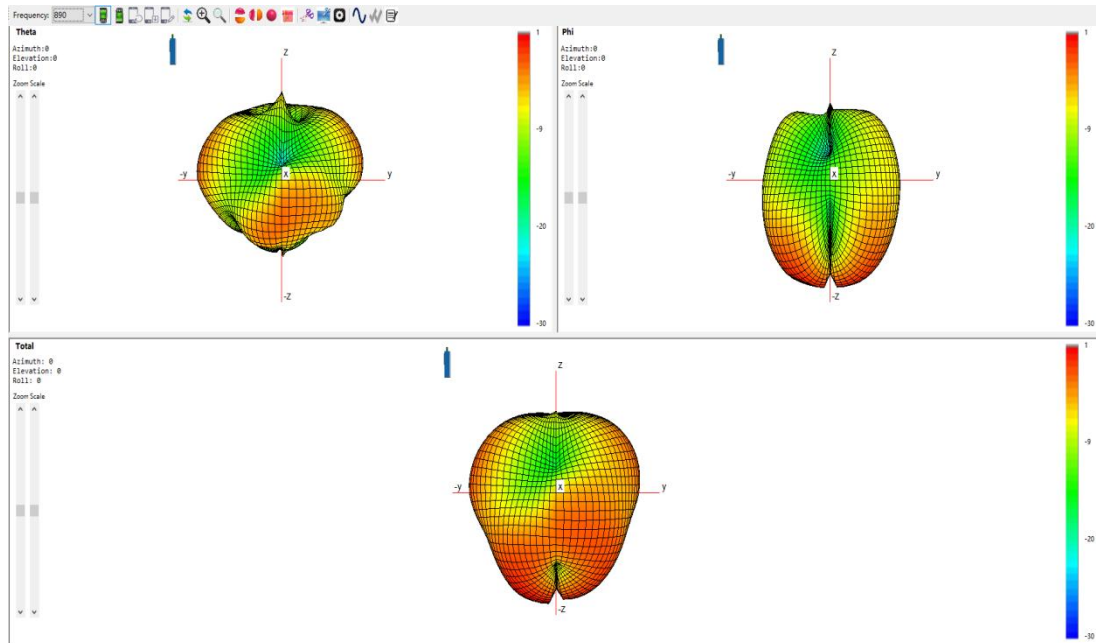
| Frequency | Gain (dBi) | Efficiency (%) | Frequency | Gain (dBi) | Efficiency (%) | Frequency | Gain (dBi) | Efficiency (%) |
|-----------|------------|----------------|-----------|------------|----------------|-----------|------------|----------------|
| 850 | 0.20 | 42.99 | 880 | 0.61 | 47.99 | 910 | 0.46 | 47.38 |
| 855 | 0.40 | 43.72 | 885 | 0.49 | 46.49 | 915 | 0.23 | 46.72 |
| 860 | 0.51 | 44.78 | 890 | 0.38 | 47.64 | 920 | 0.07 | 45.96 |
| 865 | 0.12 | 44.12 | 895 | 0.24 | 46.50 | 925 | 0.07 | 45.99 |
| 870 | 0.15 | 45.60 | 900 | 0.19 | 46.70 | 930 | 0.00 | 45.32 |
| 875 | 0.10 | 45.68 | 905 | 0.33 | 47.24 | | | |

RADIATION PATTERNS

2D Radiation Pattern at 850MHz/890MHz/930MHz



3D Radiation Pattern at 890MHz Gain=0. 38dBi



HOUSING CONFIGURATIONS

