RANT-AMXY-8090-9-NL 806MHz - 960MHz Directional Yagi Antenna

Features:

- High gain, 5-Element Yagi
- Aluminum alloy framework
- Continuous duty operation
- Optimized dimensions
- Vertical or Horizontal mounting

Applications:

- CDMA, GSM systems
- Point-to-point, Point-to-Multipoint systems
- Wireless bridging
- Termination antenna

Specifications

RANT-AMXY-8090-7 Electrical Specifications	
Frequency range (MHz)	806 - 960
Bandwidth (MHz)	154
Gain (dBi)	9
Element	5
Half-power beam width (°)	H: 60, V: 55
Front-to-back ratio (dB)	≥ 16
VSWR	≤ 1.5
Input Impedance (Ω)	50
Polarization	Horizontal or Vertical
Maximum input power (W)	100
Lightning protection	DC Ground
Input connector type	N-female standard or to customer specifications
Mechanical Specifications	
Dimensions (mm)	415*170*57
Cable length (m)	0.3
Antenna weight (kg)	0.4
Operating temperature (°c)	-40～60
Rated Wind Velocity (m/s)	60
Clamp	U-shape
Mounting hardware (mm)	Φ35 ～ Φ50

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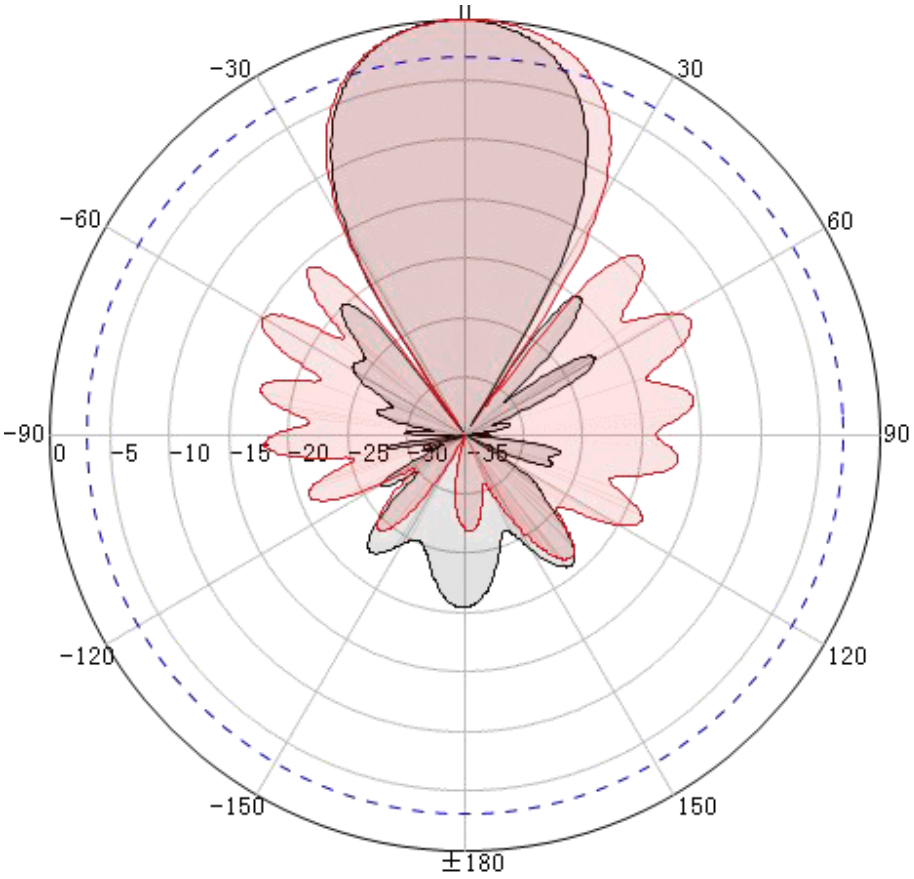
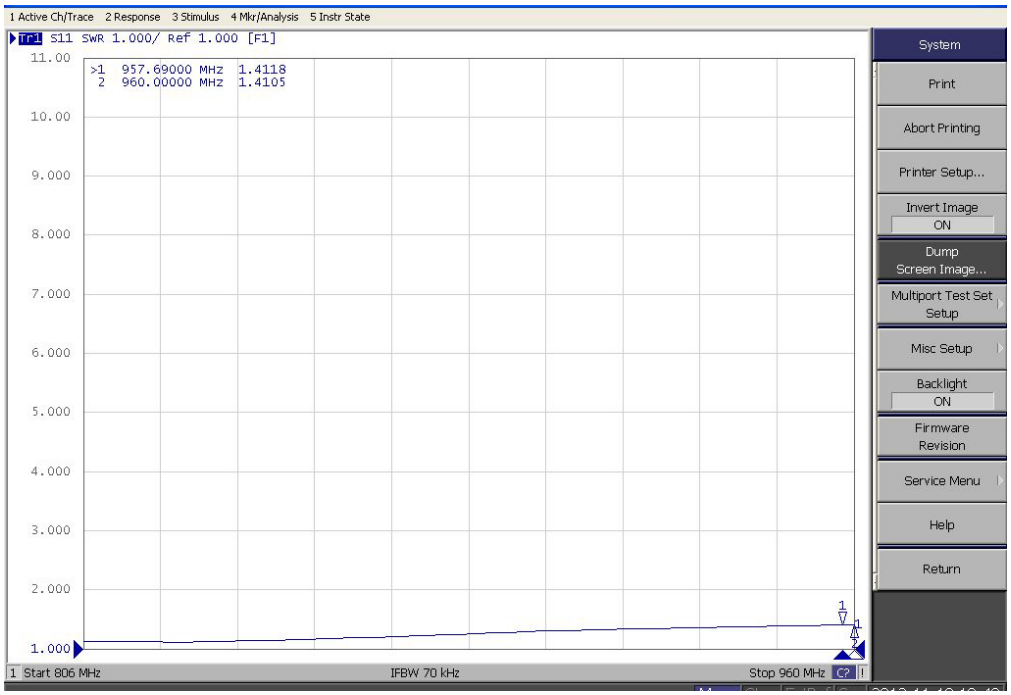
Radiation Pattern Effect Testing Report and VSWR Curve





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Notes

1. These parts are manufactured in accordance with this specification. If other conditions and specifications are required for this product, please contact RDI for more information.

2. RDI will supply the parts in accordance with this specification unless we receive a written request to modify prior to order placement.

3. In no case shall RDI be liable for any product failure from inappropriate handling or operation of the item beyond the scope of this specification.

4. Please notify RDI immediately when changing your production process.

5. RDI products are “COTS” – Commercial-Off-The-Shelf products; suitable for Commercial, Industrial and Consumer Applications. For applications requiring high reliability and/or presenting an extreme operating environment, written consent and authorization from RDI is required. Please contact RDI for more information.

6. All specifications and markings are subject to change without prior notice.

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Notes

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