

## HyperLink Wireless 900 MHz 5 dBi Magnetic Mount Omni-directional Range Extender Antenna

Model: RE905U

### Applications and Features

#### Features:

- Superior performance
- Compact size
- Magnetic mounting system with attached 4 foot cable
- Indoor or outdoor use
- ISM, GSM, RFID, 900 MHz Cellular compatible



### Description

This compact omnidirectional antenna is ideally suited for 900MHz ISM and GSM multipoint mobile applications including service vehicles, public transportation, law enforcement, mining and construction vehicles, as well as numerous other commercial and industrial applications where mobility and wide coverage is desired. This antenna is also compatible with 900MHz wireless LAN and Cellular systems as well as RFID. The magnetic base is suitable for fixing to vehicles or other metal surfaces as well as sitting on a tabletop or shelf.

### Specifications

#### Antenna Electrical Specifications

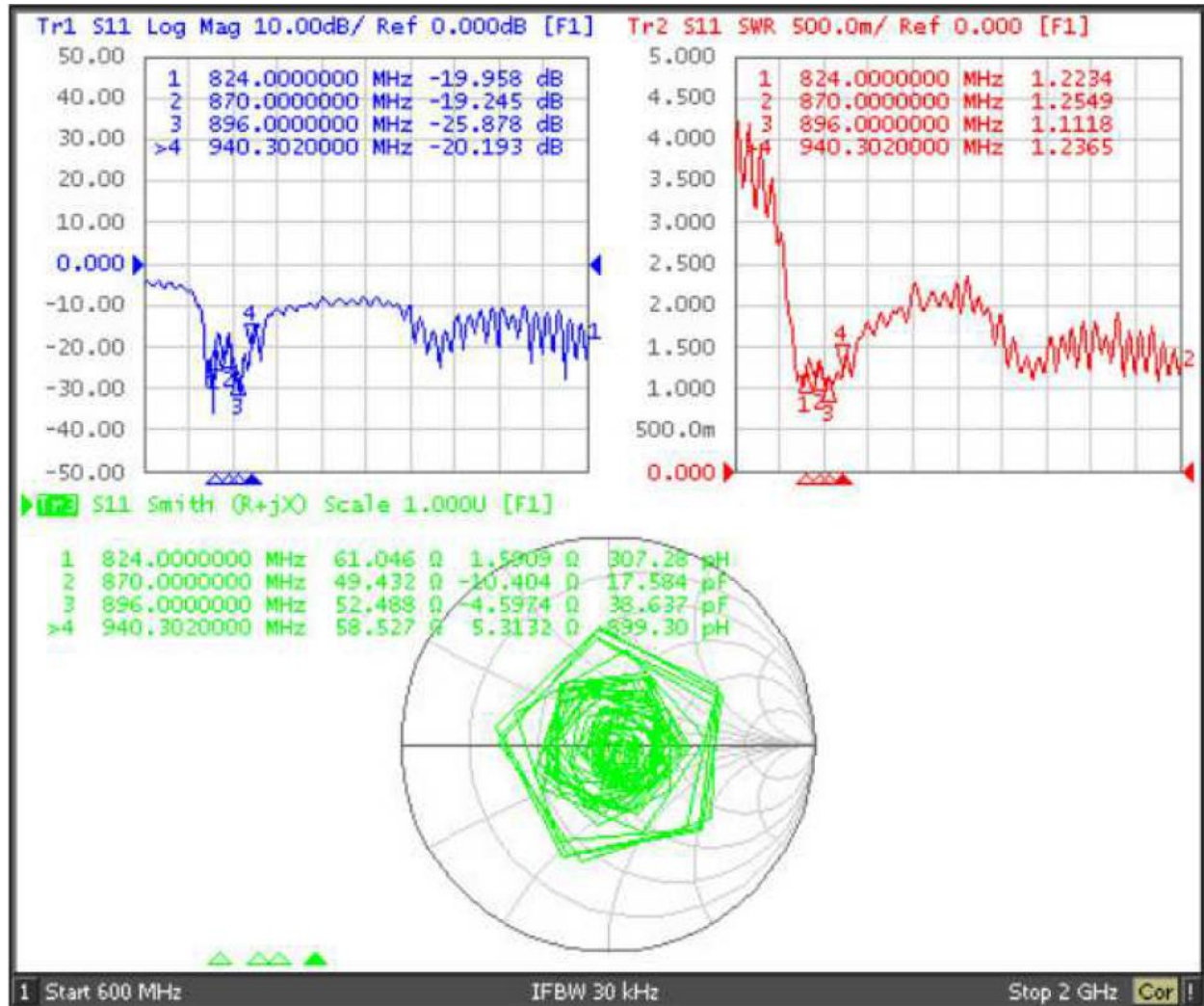
<b>Frequency</b>	824-960 MHz
<b>Gain</b>	5 dBi
<b>VSWR</b>	≤ 2.0

#### Antenna Mechanical Specifications

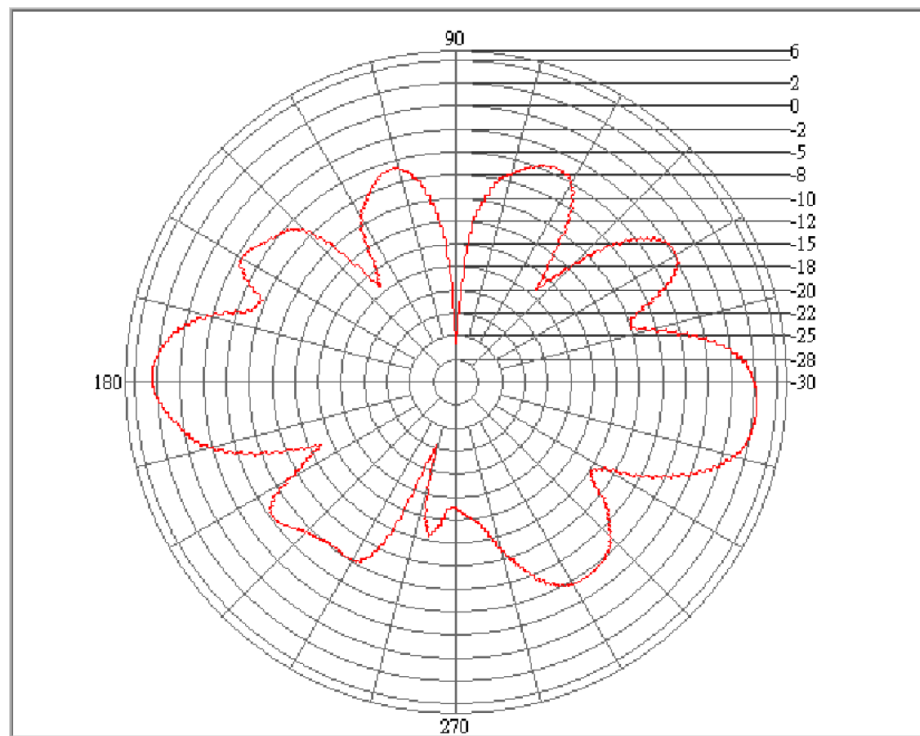
<b>Weight</b>	0.1 lbs. (0.04 Kg)
<b>Length</b>	7.12 in. (180 mm)
<b>Base Diameter</b>	1.2 in. (30 mm)
<b>Finish</b>	Black Plated
<b>Mounting</b>	Magnetic
<b>Polarization</b>	Vertical
<b>Operating Temperature</b>	-20° C to 85° C (-4° F to 185° F)

## RE905U Radiation patterns

Electrical testing: Return loss & v.s.w.r.



E-Plane 900mhz



H-Plane 900mhz

