

Peel-and-Stick 470-510MHz Dipole Antenna

FEATURES



- Adhesive Mount
- Ground Plane Independent
- Full 470-510MHz backward compatibility
- 1.55 dBi Peak Gain
- Low Profile
- Customizable Cable and Connector



With overall dimensions of only 116.68*21.81*5.0mm, high-quality adhesive tape and PC/ABS UV stable housing, the M01-0400820R0A can be installed on any glass or ABS surfaces found in the most extreme outdoor environments without any risk of failure.

The M01-0400820R0A features a standard SMA-Male connector and a 500mm long LL100 cable. MyAntenna also offers a wide range of alternative connectors and cables to meet our customers' most unique design requirements. As an added measure, this antenna was designed with ground plane independence in order to eliminate any grounding restrictions during the installation process.

PRODUCTS

Part No.	Weight	Dimensions (L x W x H)/Line length	Connector	Color
M01-0400820R0A	30g	116.68*21.81*5.0mm/1000mm	SMA-Male	Black

SPECIFICATIONS

PARAMETER	SPECIFICATION
Frequency Bands, MHz	470-510
VSWR (Max)	3.0:1
Peak Gain, dBi (Typ)	Up to 1.55
Nominal Impedance	50 Ω
Max Power (ambient temp of 25°C)	10 Watts
Azimuth Beam Width (deg)	Omnidirectional
Polarization	Linear, Omnidirectional
Radome	ABS, Black
Storage Temperature Range (°C)	-40° C to +85° C
Operational Temperature Range (°C)	-30° C to +80° C
Material Substance Compliance	REACH/RoHS Compliant
HSCODE	8517707090
USHSCODE	8517620010
UPC	

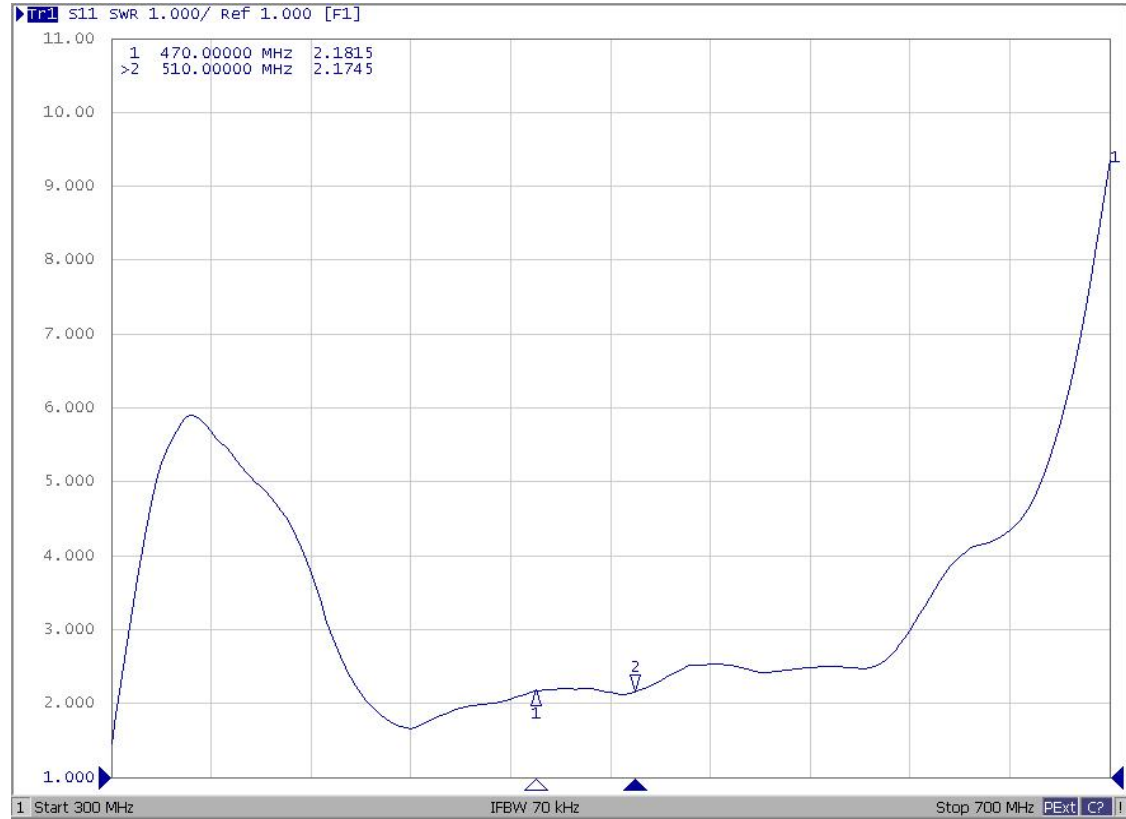
MyAntenna RF Technology Co., Ltd

ADD: No.RM 405, R3-A Building, Shenzhen High-Tech Park, Nanshan, Shenzhen, P.R. China.

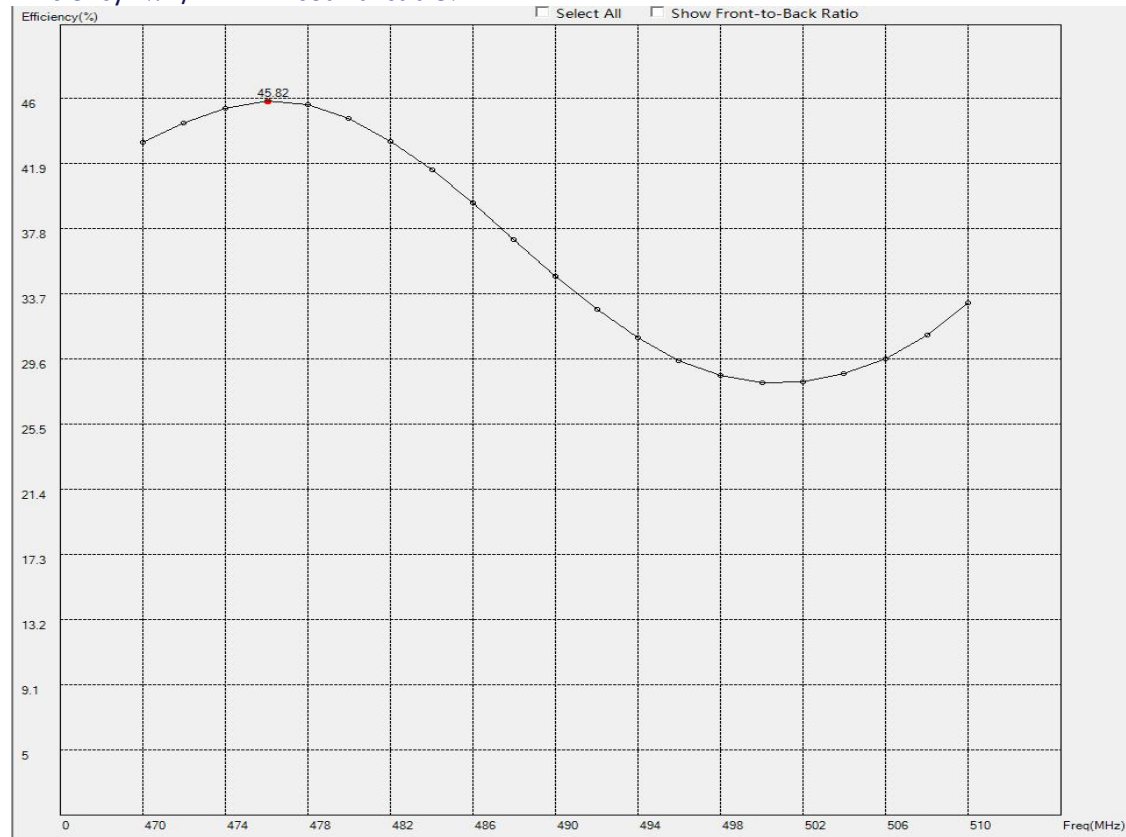
TEL: +86-0755-86503881 FAX: +86-0755-27801677 E-mail: nfc@myantenna.com

ELECTRICAL DATA

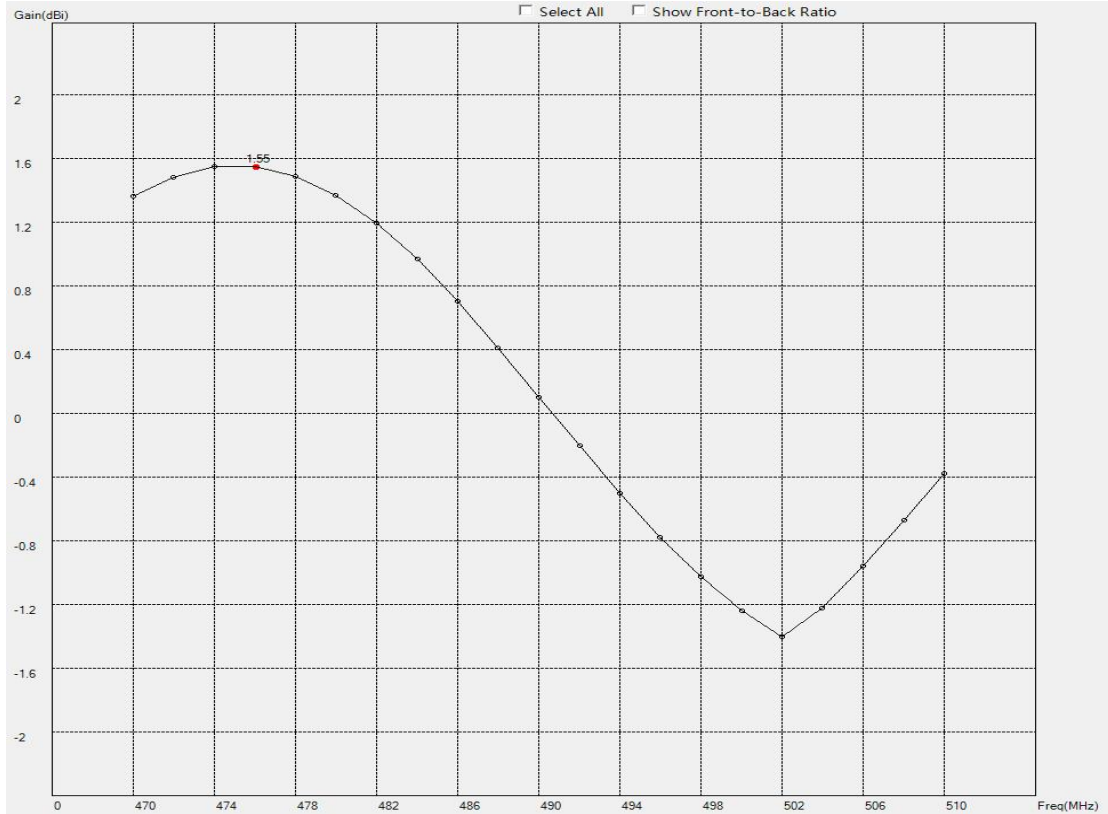
VSWR (1m 174 coaxial cable)



Efficiency (% / 1m 174 coaxial cable)

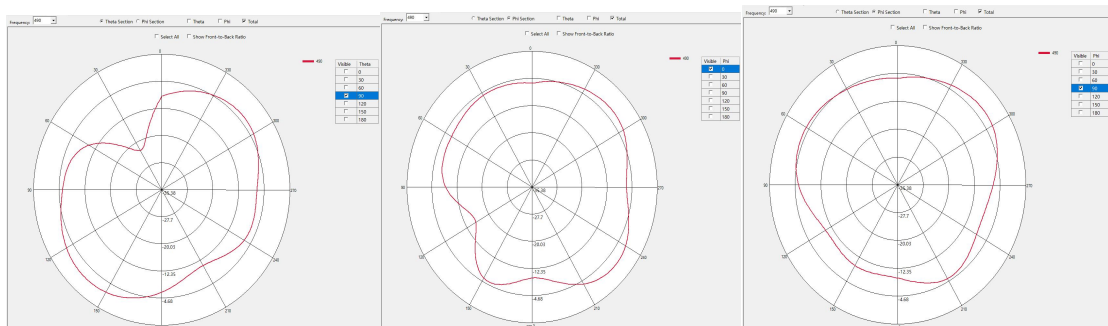


Peak Gain (dBi / 1m 174 coaxial cable)

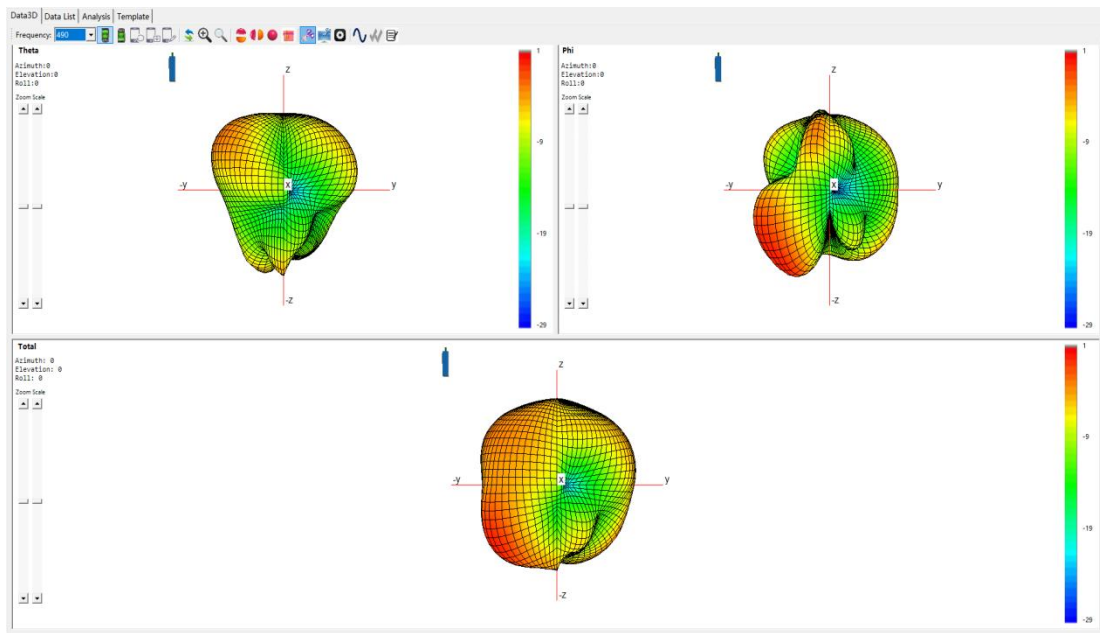


RADIATION PATTERNS

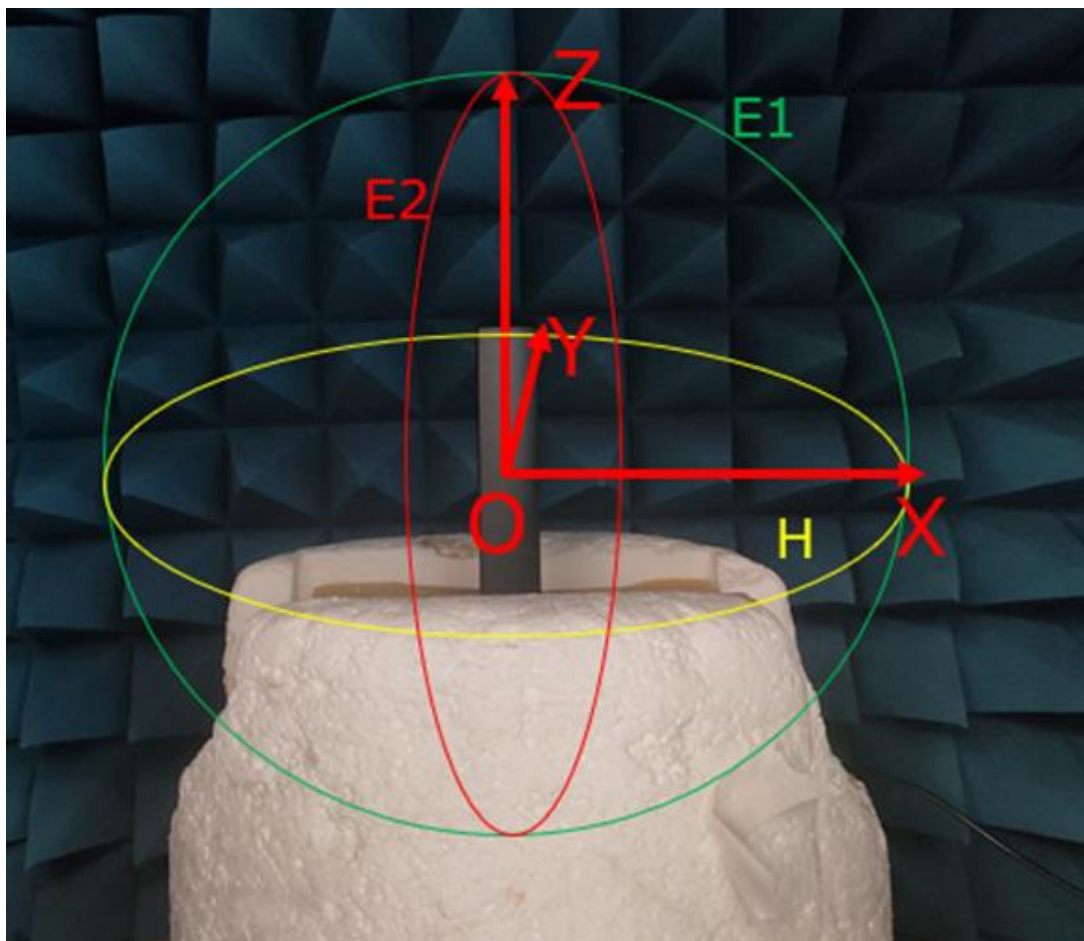
2D Radiation Pattern at 490MHz (1m 174 coaxial cable)



3D Radiation Pattern at 490MHz (1m 174 coaxial cable)



Schematic diagram of darkroom testing coordinates



HOUSING CONFIGURATIONS

