

# 433-510MHz Small Rod Antenna

## FEATURES



- Mini 433-510GHz PCB Antenna



## PRODUCTS

Part No.	Weight	Dimensions (L x W x H)	Connector	Color
M02-0400380R0A	12.2g	Φ 13*134mm	SMA MALE	Black
M02-0400390R0A	12.2g	Φ 13*134mm	RP-SMA MALE	Black

## SPECIFICATIONS

PARAMETER	SPECIFICATION
Frequency Bands, MHz	433-510
VSWR (Max)	3.0:1
Peak Gain, dBi (Typ)	Up to 3.26
Nominal Impedance	50 Ω
Max Power (ambient temp of 25°C)	10 Watts
Azimuth Beam Width (deg)	Omnidirectional
Polarization	Linear, Omnidirectional
Radome	PC, 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	

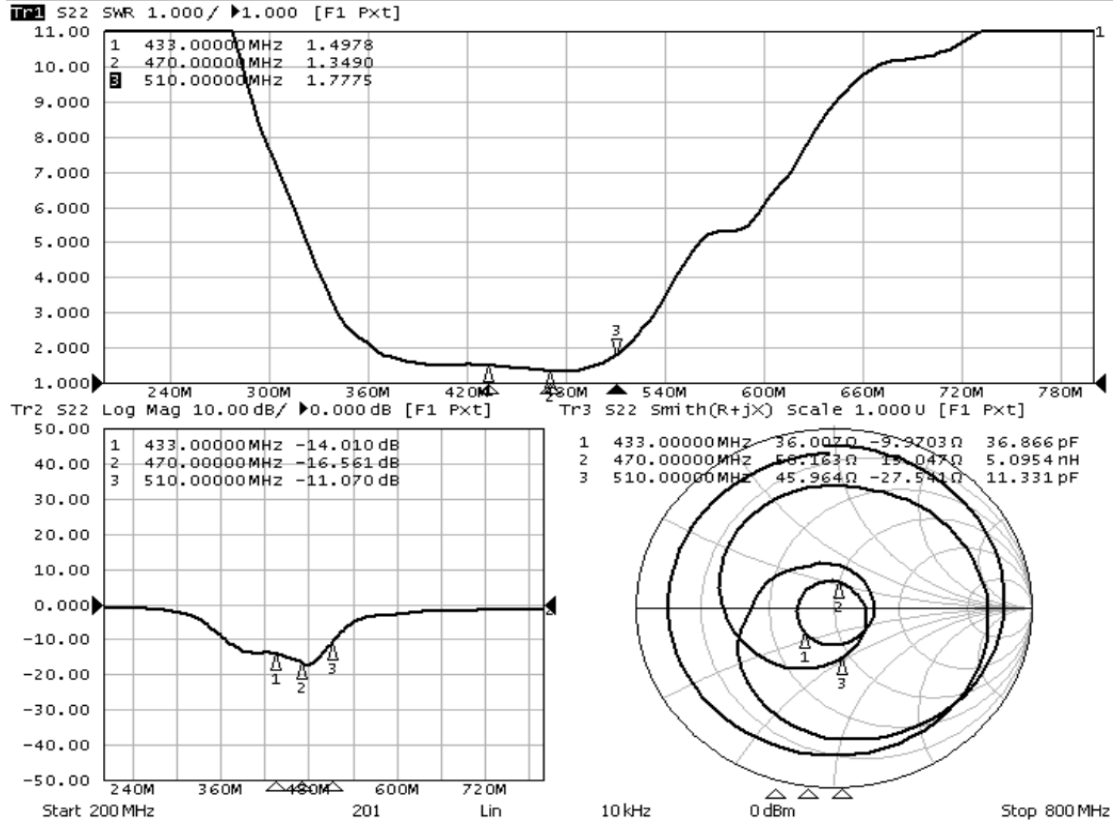
MyAntenna RF Technology Co., Ltd

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

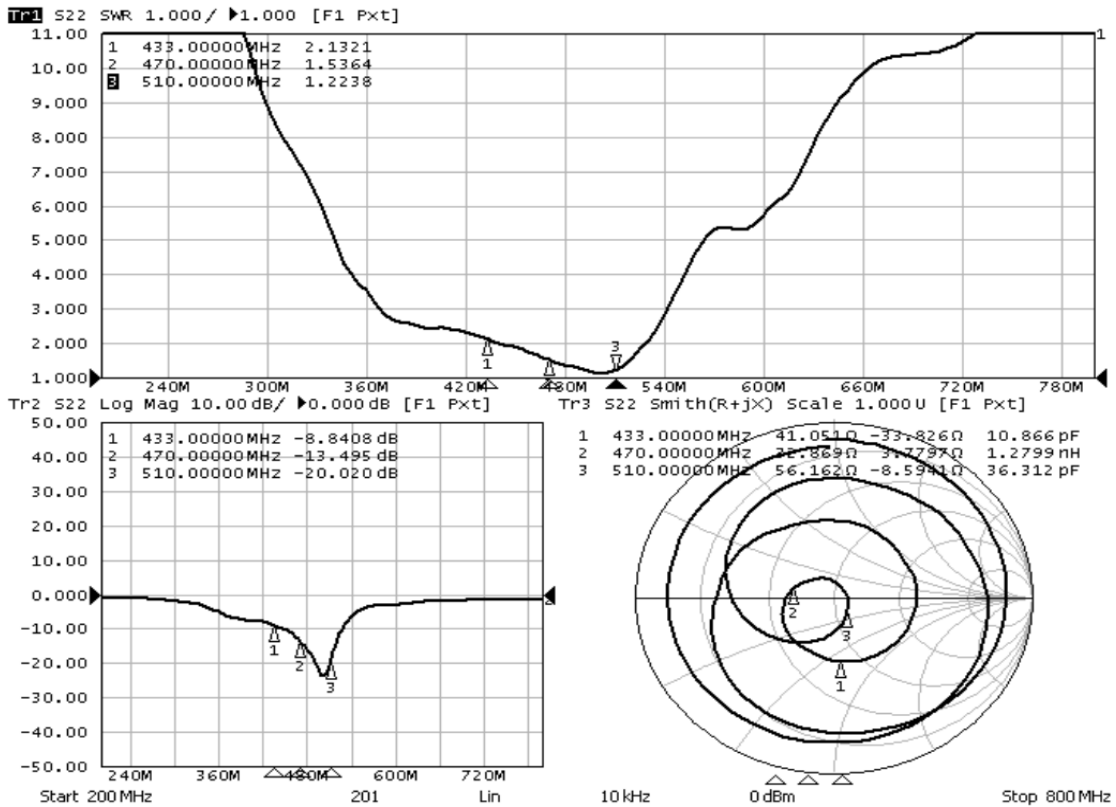
TEL: +86-0755-86503881 FAX: +86-0755-27801677 E-mail: [nfc@myantenna.com](mailto:nfc@myantenna.com)

## ELECTRICAL DATA

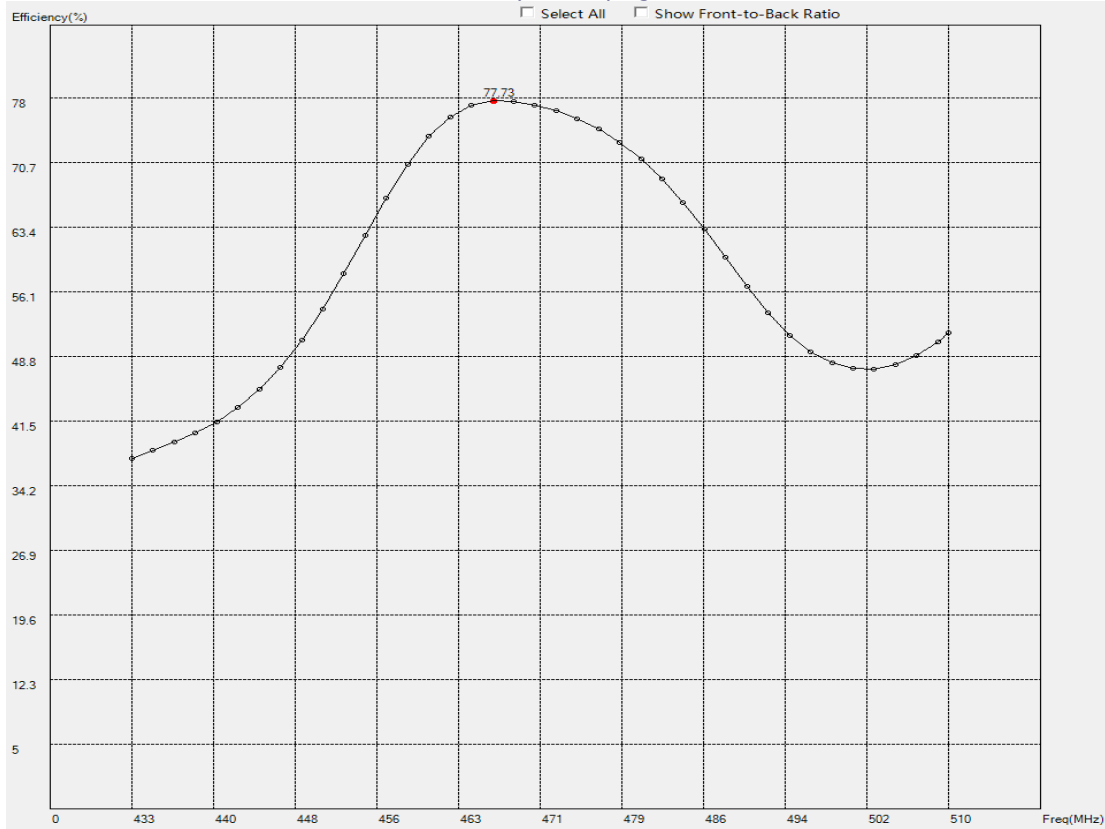
### Return Loss(upright)



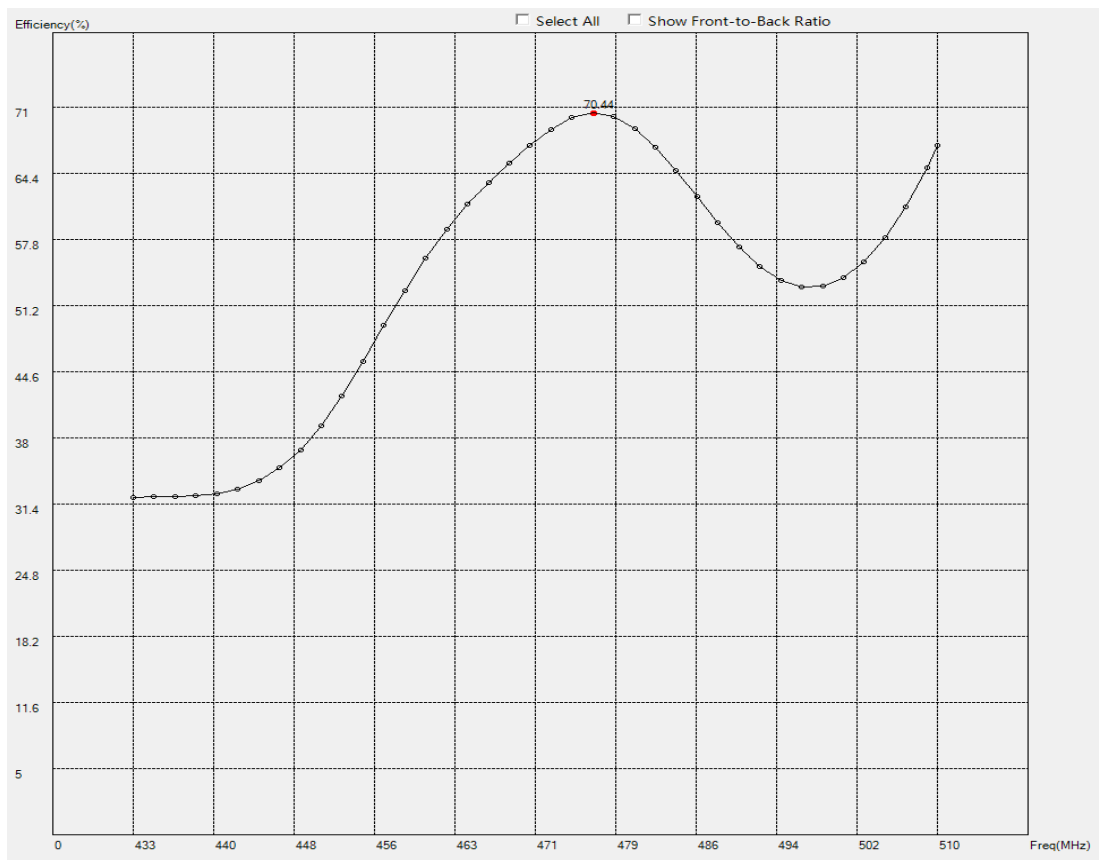
### Return Loss(bend)



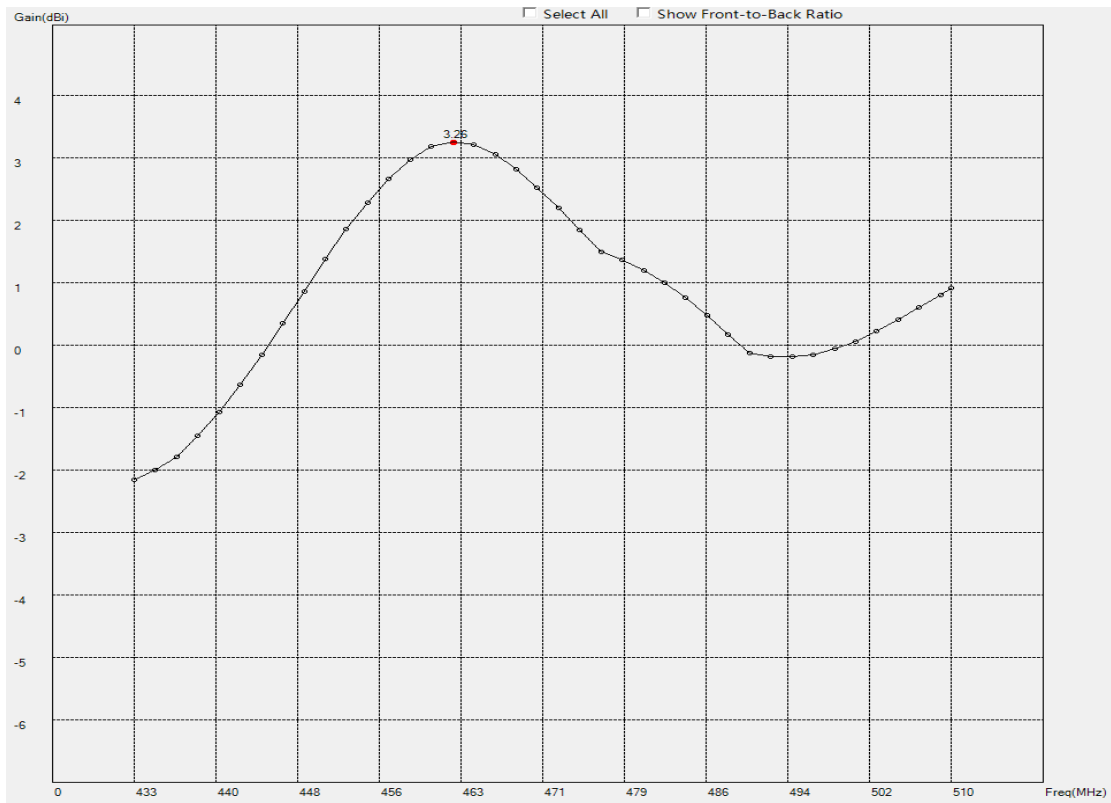
Efficiency (%/upright)



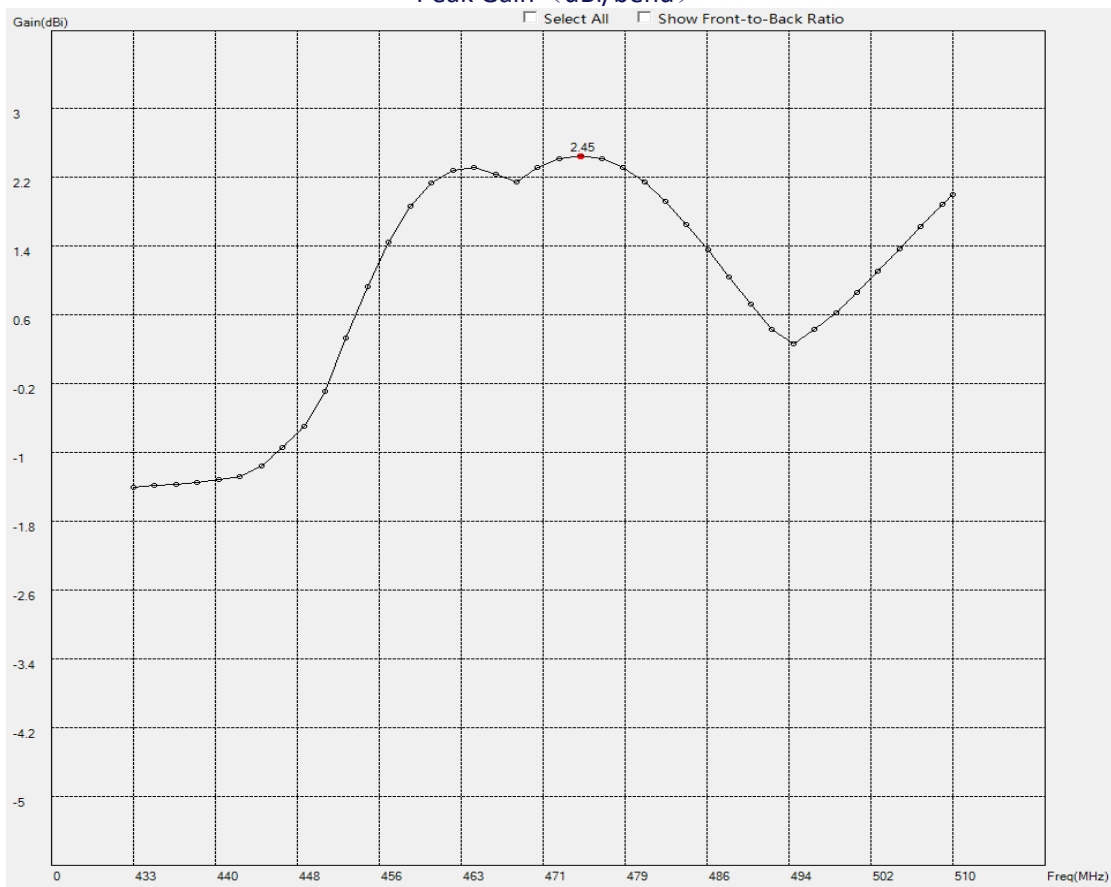
Efficiency (%/bend)



Peak Gain (dBi/upright)

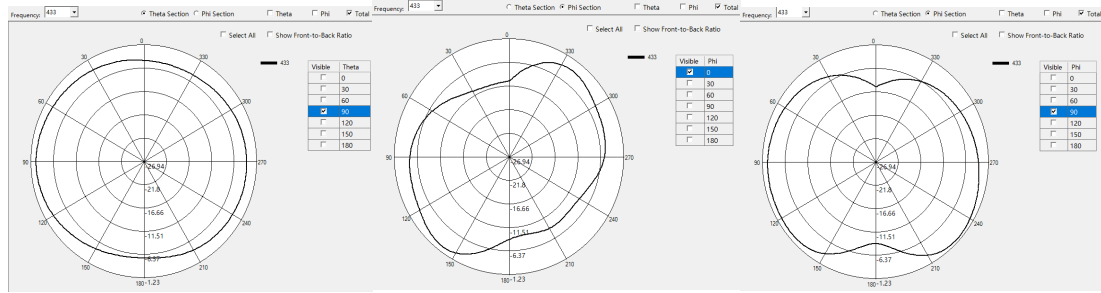


Peak Gain (dBi/bend)

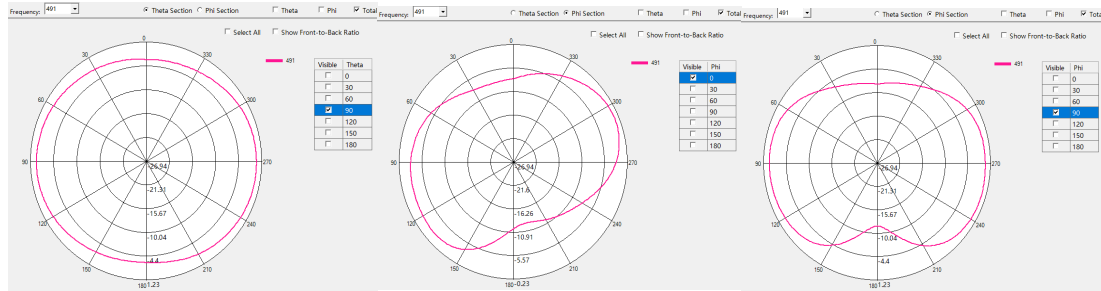


## RADIATION PATTERNS

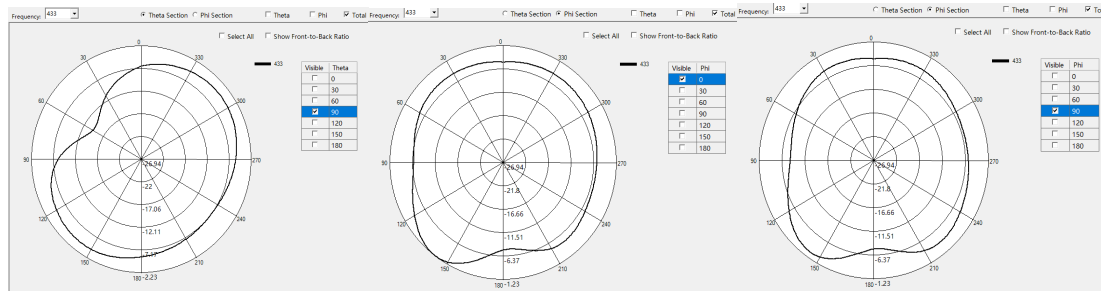
### 2D Radiation Pattern at 433MHz(upright)



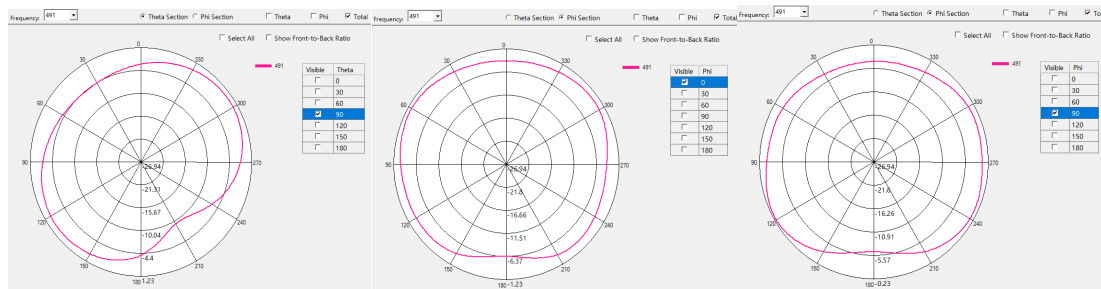
### 2D Radiation Pattern at 491MHz(upright)



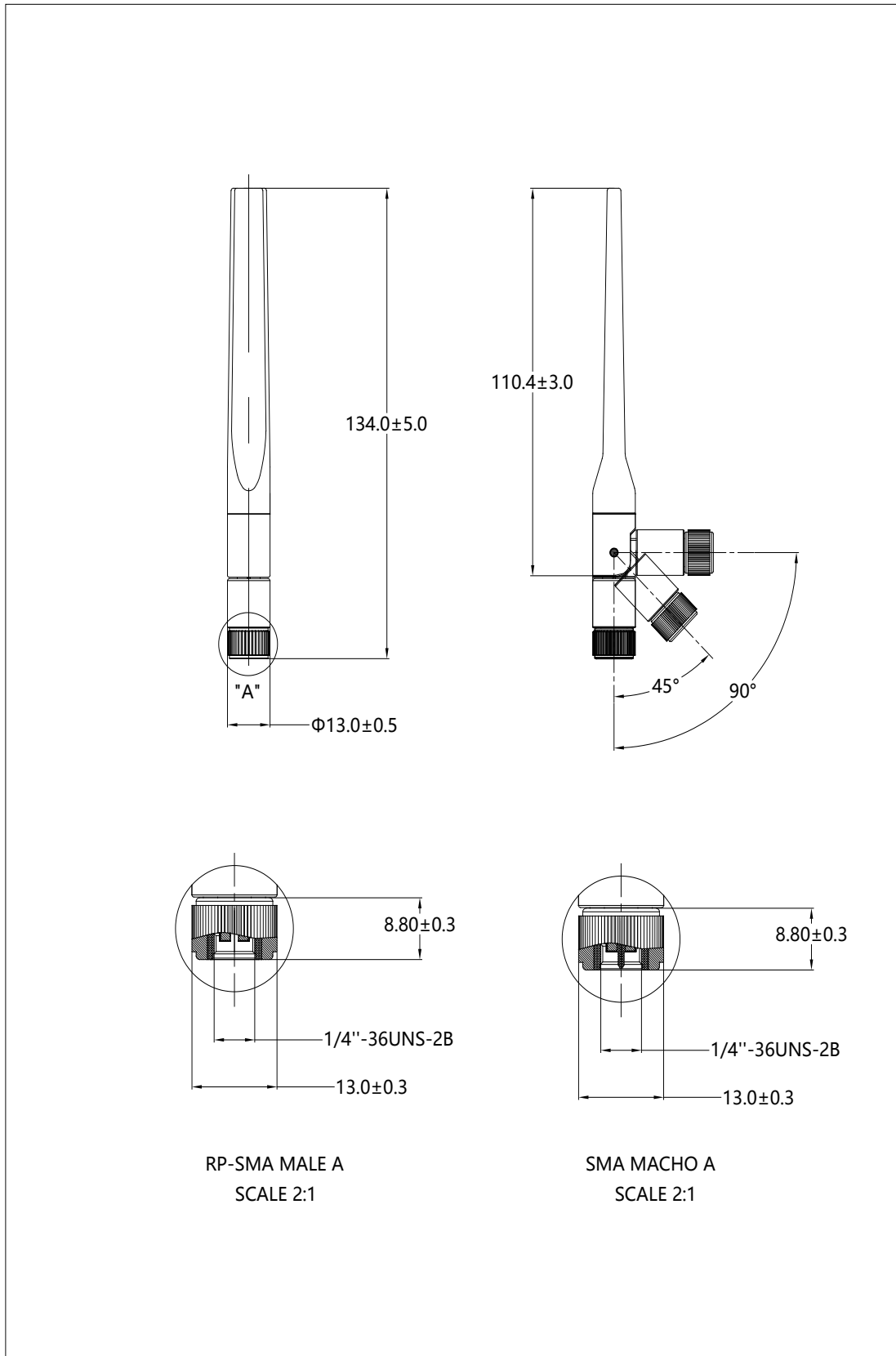
### 2D Radiation Pattern at 433MHz(bend)



### 2D Radiation Pattern at 491MHz(bend)



HOUSING CONFIGURATIONS



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