

433-510MHz Small Rod Antenna

FEATURES



- Mini 433-510GHz PCB Antenna



PRODUCTS

Part No.	Weight	Dimensions (L x W x H)	Connector	Color
AELW004	12.2g	Φ13*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	

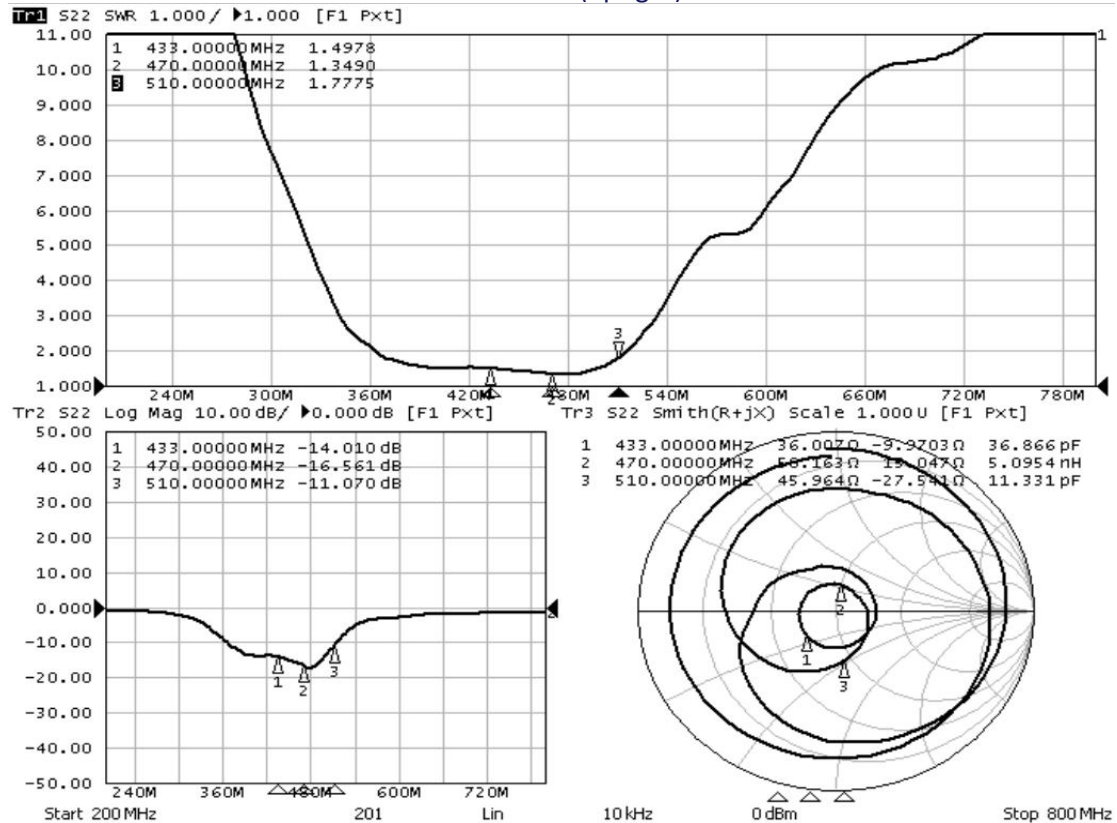
MyAntenna RF Technology Co., Ltd

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

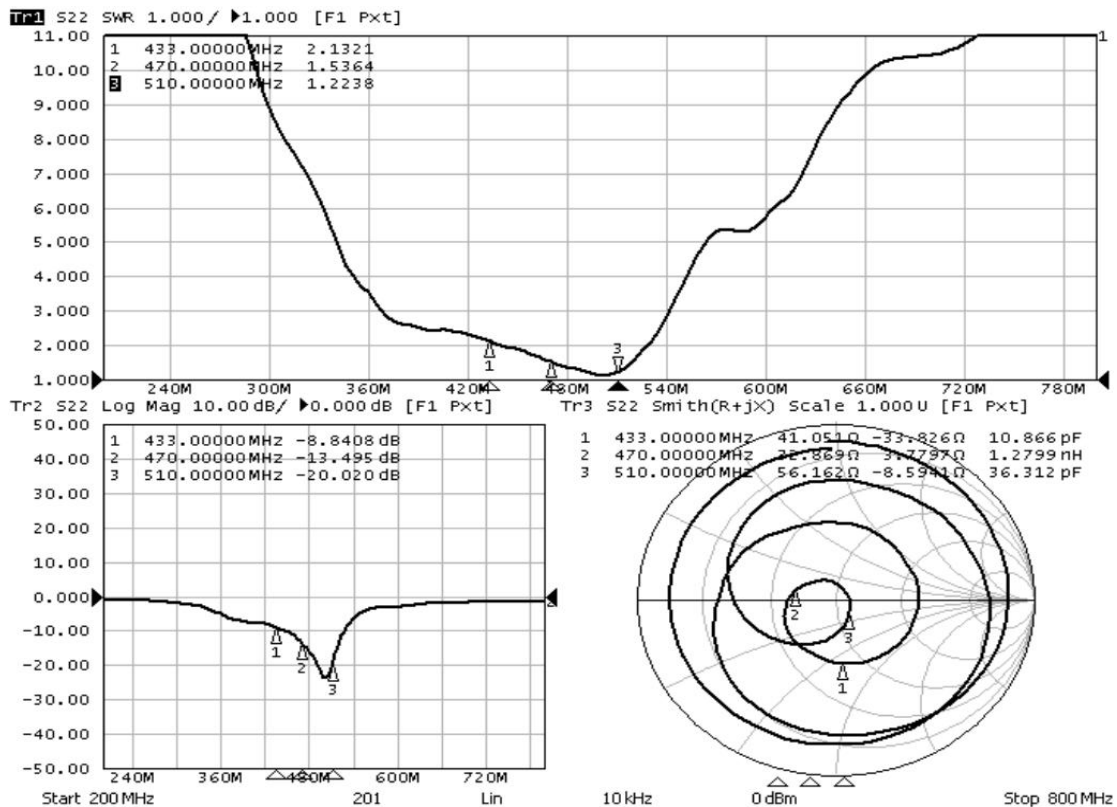
TEL: +86-0755-86503881 FAX: +86-0755-27801677 E-mail: nfc@myantenna.com

ELECTRICAL DATA

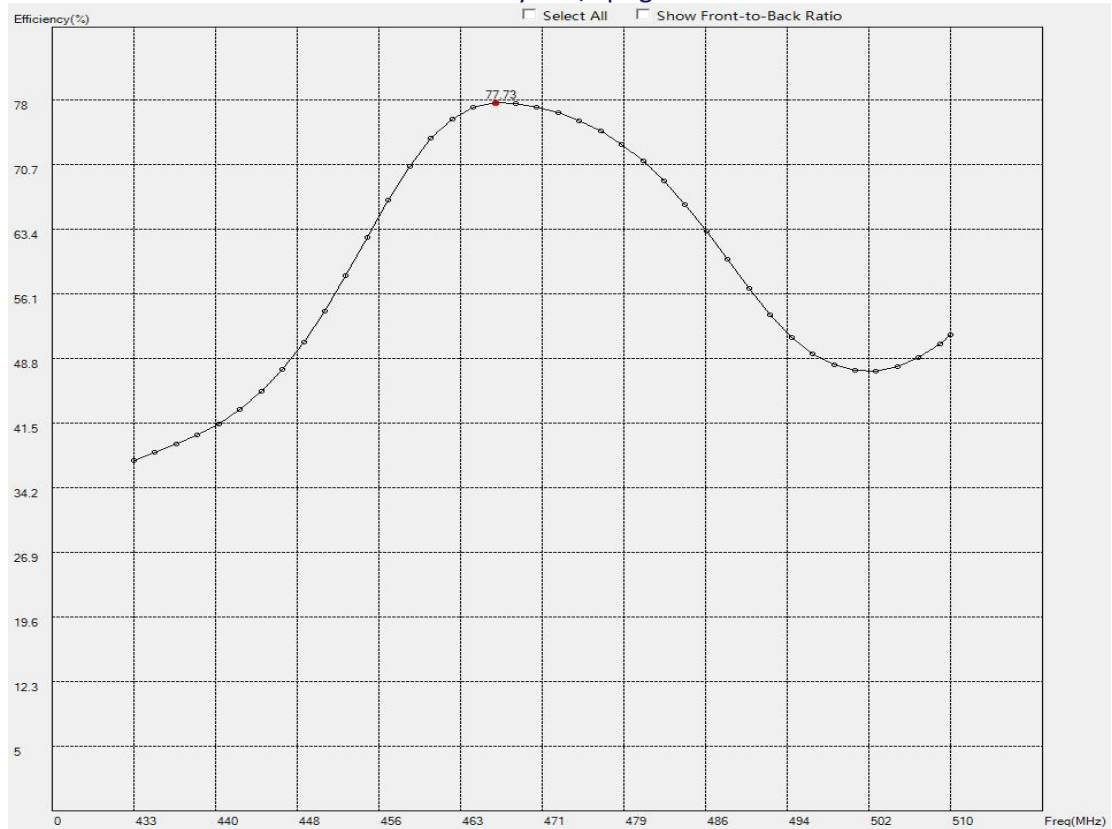
Return Loss(upright)



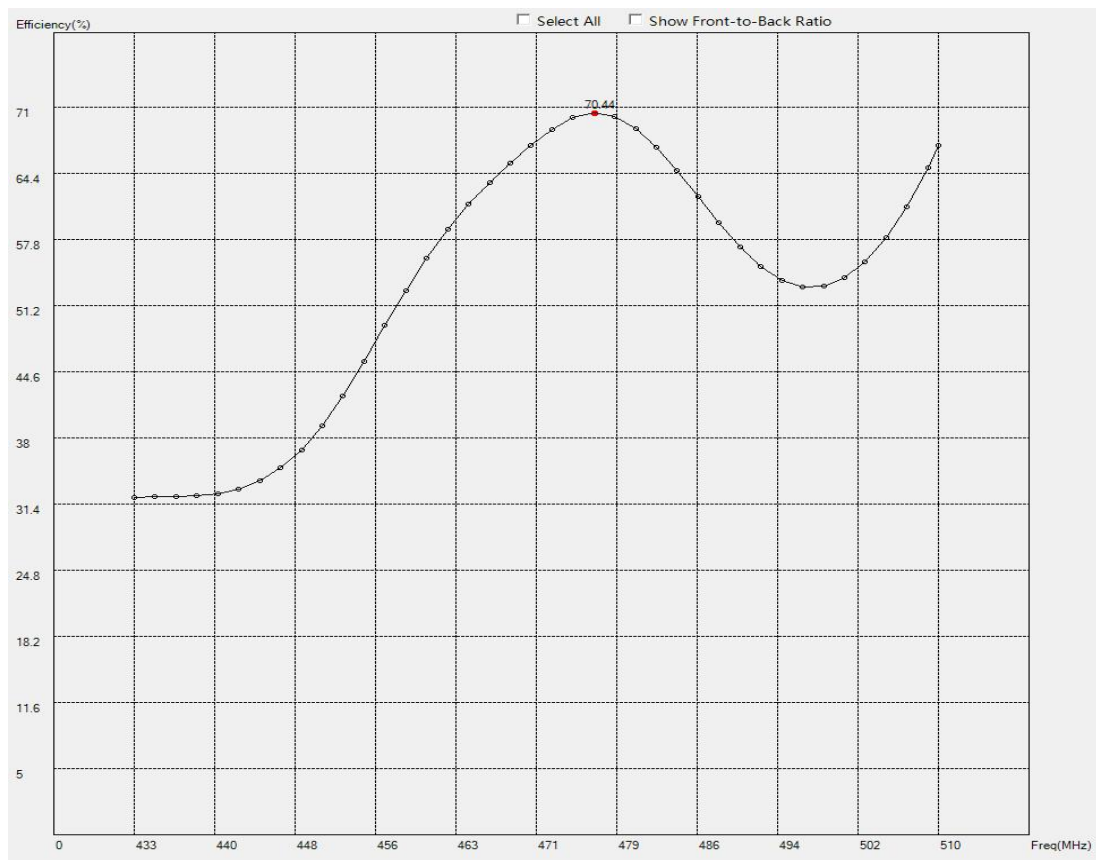
Return Loss(bend)



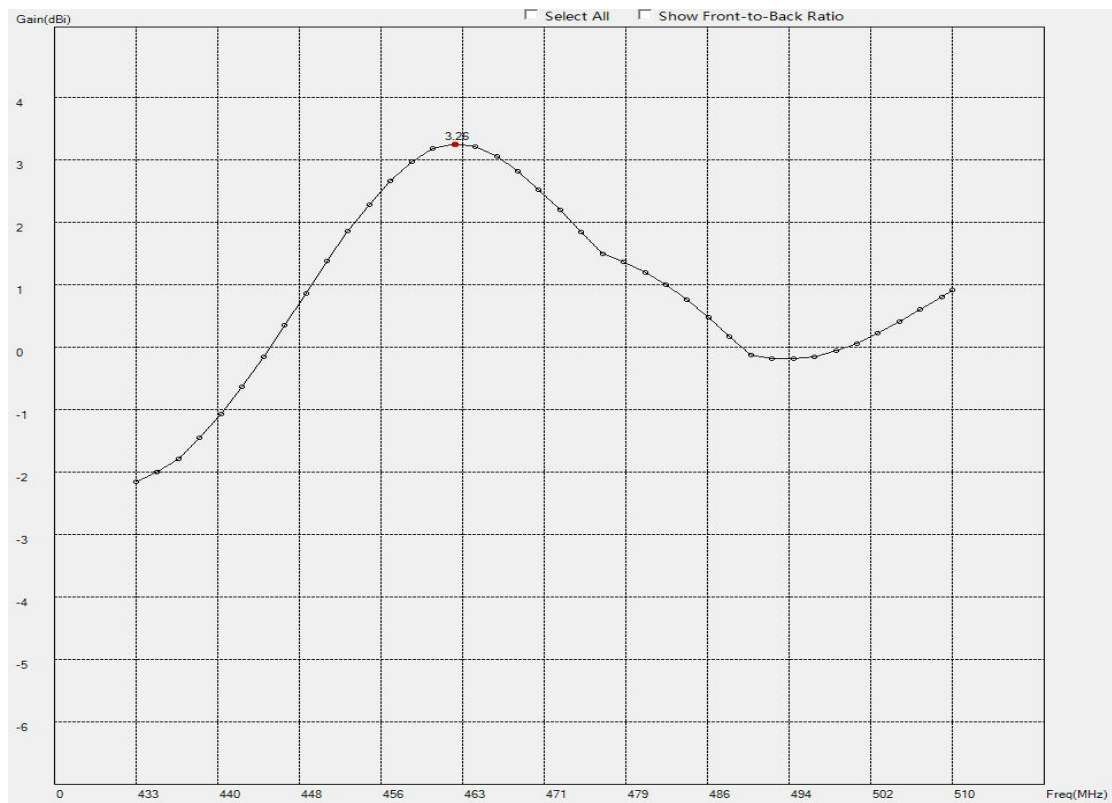
Efficiency (%/upright)



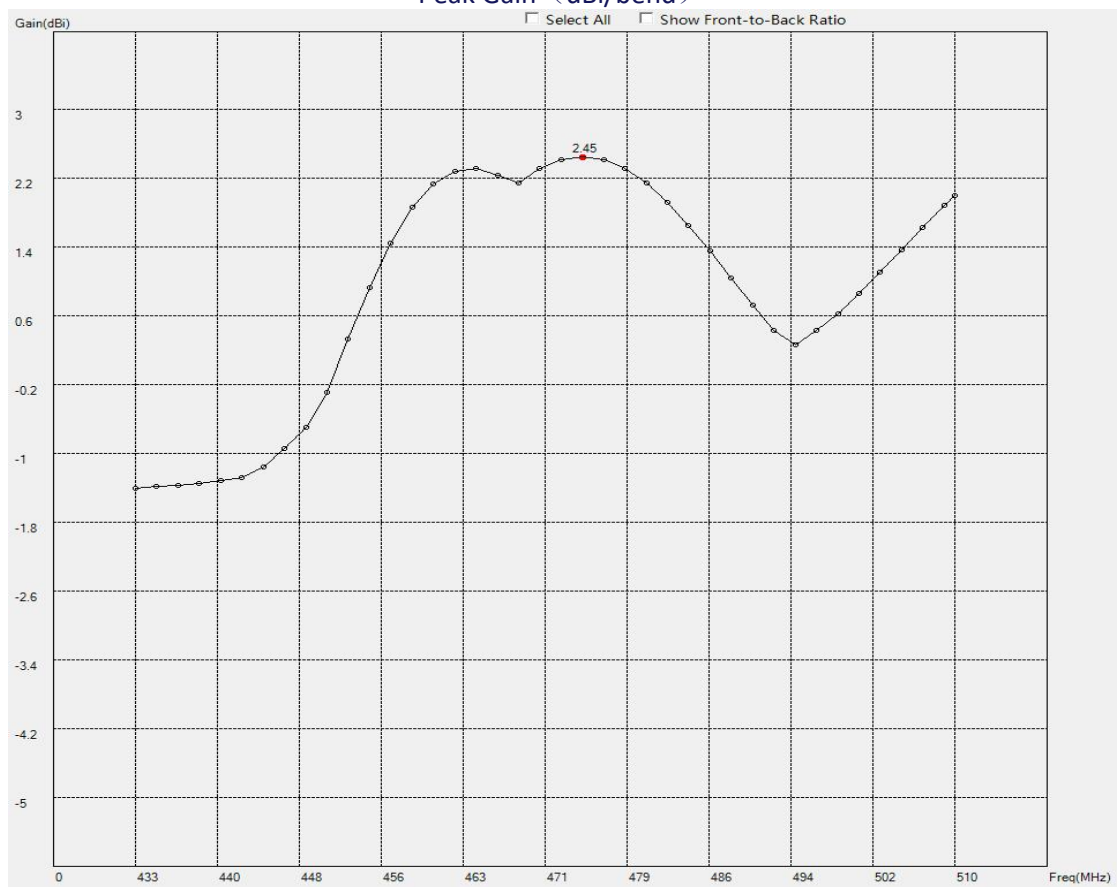
Efficiency (%/bend)



Peak Gain (dBi/upright)

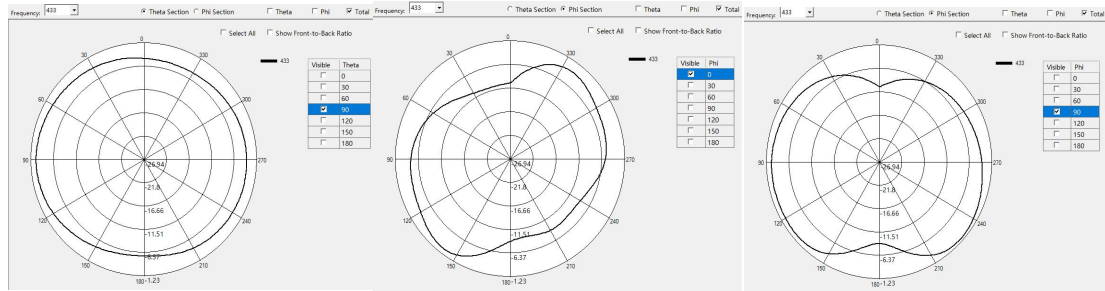


Peak Gain (dBi/bend)

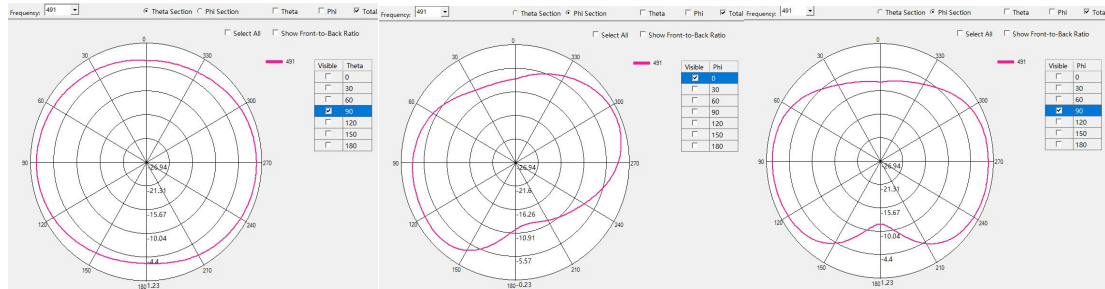


RADIATION PATTERNS

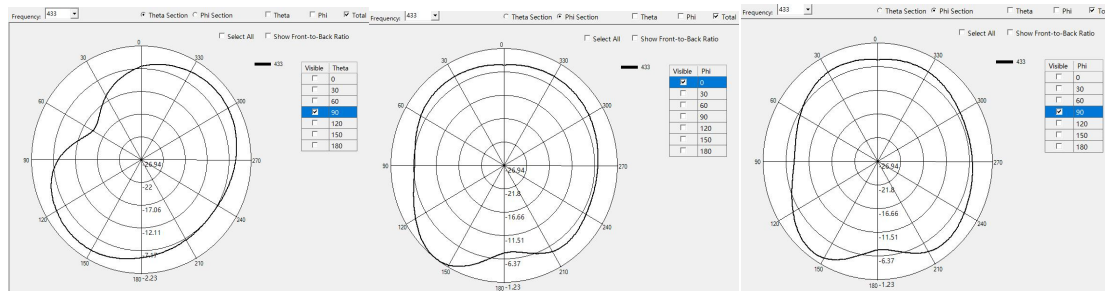
2D Radiation Pattern at 433MHz(upright)



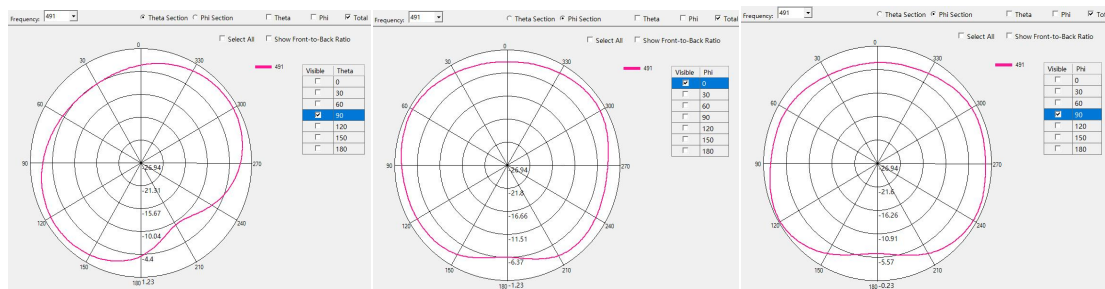
2D Radiation Pattern at 491MHz(upright)



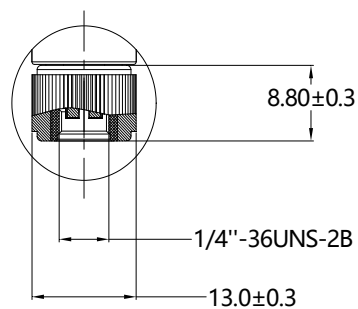
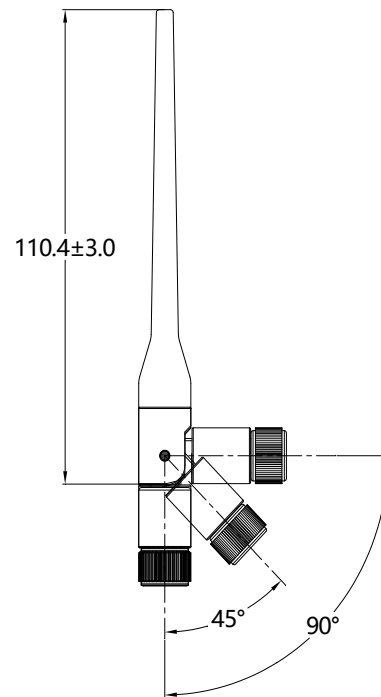
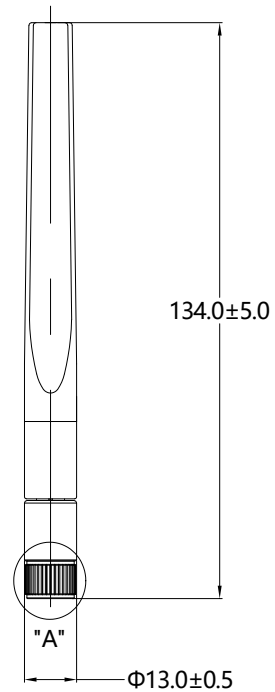
2D Radiation Pattern at 433MHz(bend)



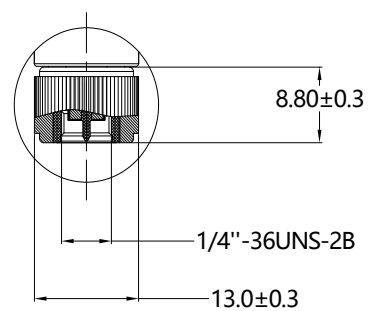
2D Radiation Pattern at 491MHz(bend)



HOUSING CONFIGURATIONS



RP-SMA MALE A
SCALE 2:1



SMA MACHO A
SCALE 2:1