

4G Small Stick Antenna

FEATURES



- Mini 4GHz PCB Antenna



The MyAntenna AECW005 range of antennas are designed to decrease the lifetime cost of M2M and mobile device installations by offering a robust, effective antenna that is easy to install and lasts the lifetime of the installation without the need for maintenance.

PRODUCTS

Part No.	Weight	Dimensions (L x W x H)	Connector	Color
AECW005	12.2g	Φ13*134mm	SMA MALE	Black

SPECIFICATIONS

PARAMETER	SPECIFICATION	
Frequency Bands, MHz	824-960	1710-2690
VSWR (Max)	10.0:1	3.0:1
Peak Gain, dBi (Typ)	Up to -0.44@824-960MHz/Up to 2.58@1710-2690MHz	
Nominal Impedance	50 Ω	
Max Power (ambient temp of 25°C)	10 Watts	
Azimuth Beam Width (deg)	Omnidirectional	
Polarization	Linear	
Radome	PC, Black	
Storage Temperature Range (°C)	-40° C to +85° C	
Operational Temperature Range (°C)	-40° C to +85° C	
Material Substance Compliance	REACH/RoHS Compliant	
HSCODE	8517707090	
USHSCODE	8517620010	
UPC		

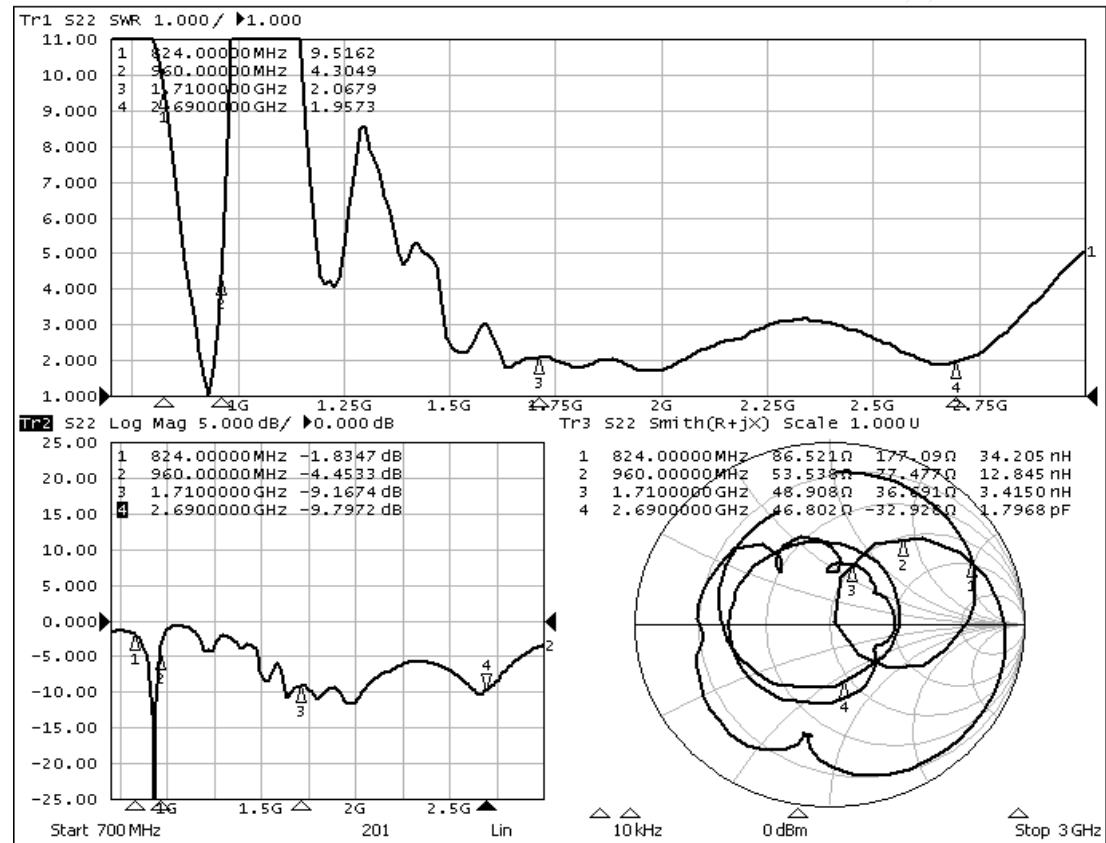
MyAntenna RF Technology Co., Ltd

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

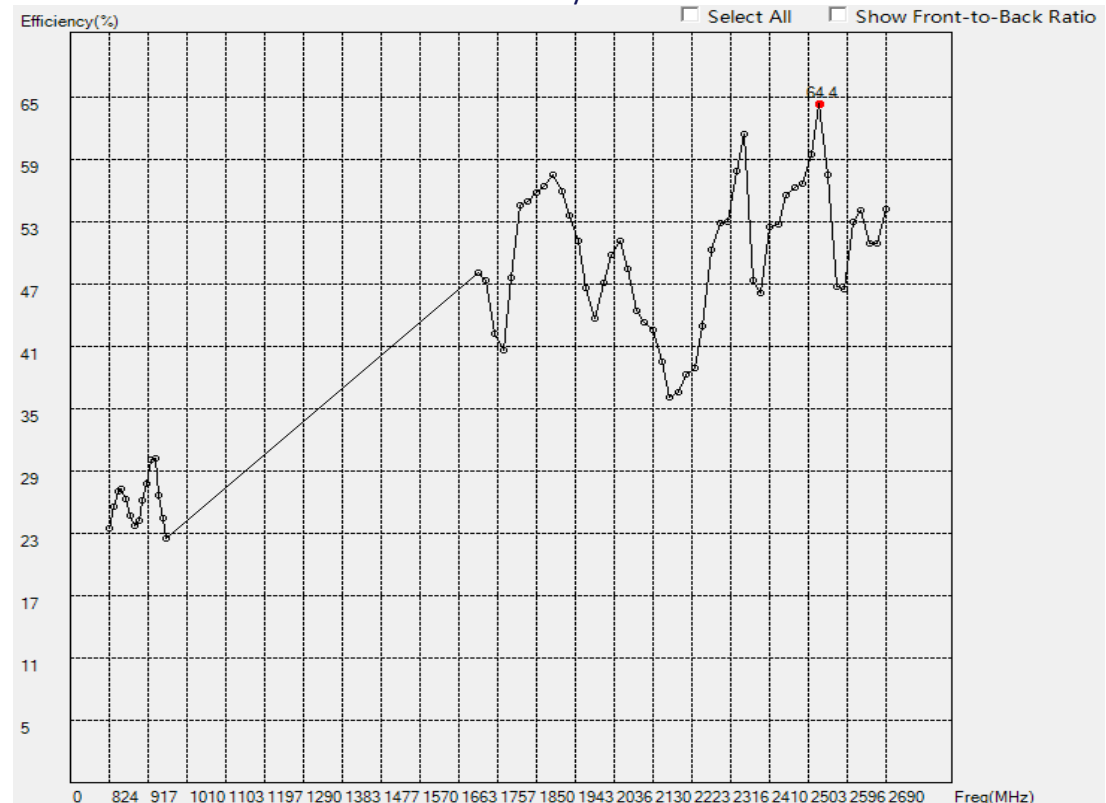
TEL: +86-0755-86503881 FAX: +86-0755-27801677 E-mail: nfc@myantenna.com

ELECTRICAL DATA

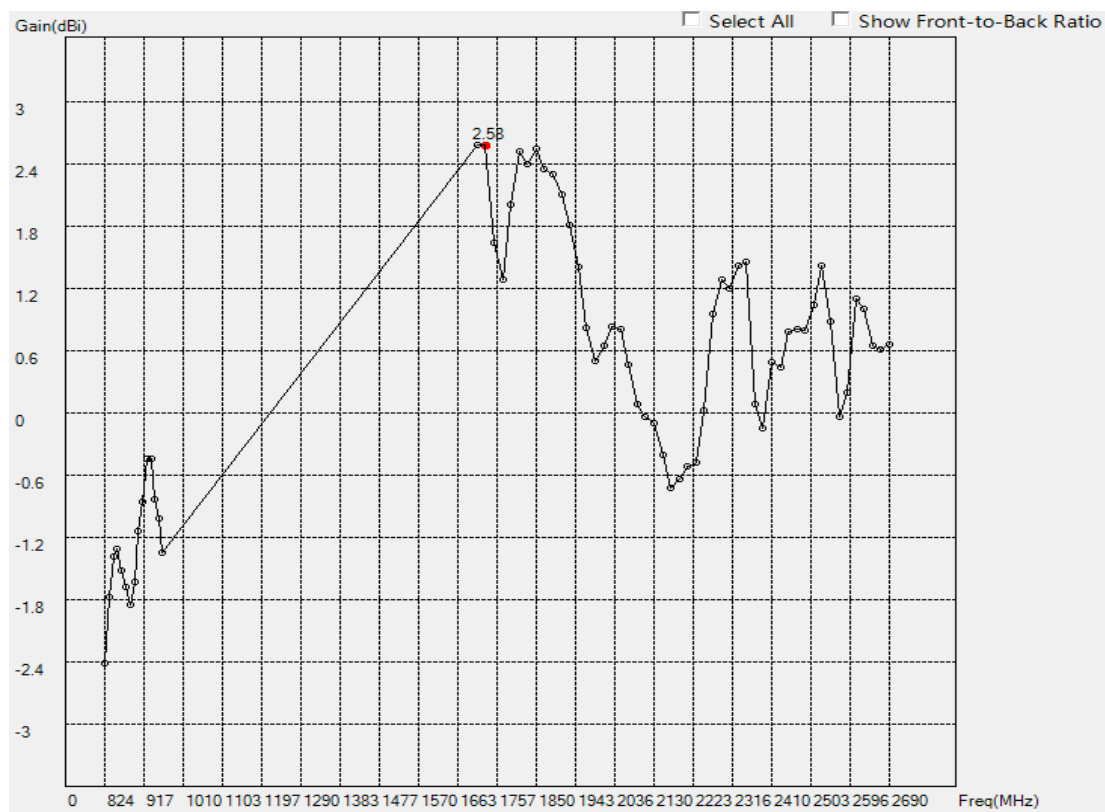
Return Loss



Efficiency (%)

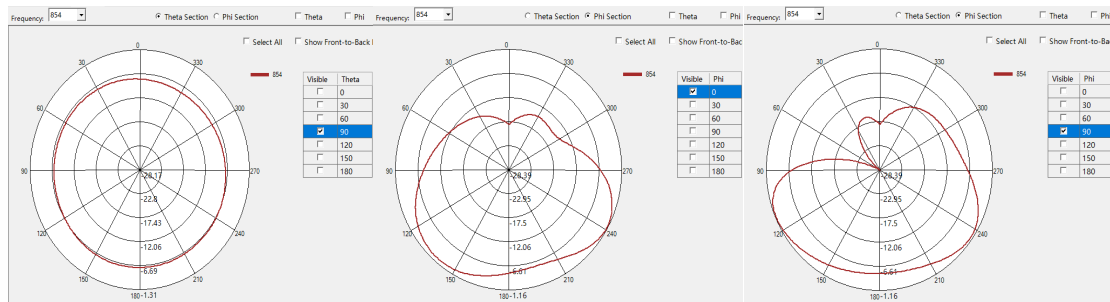


Peak Gain (dBi)

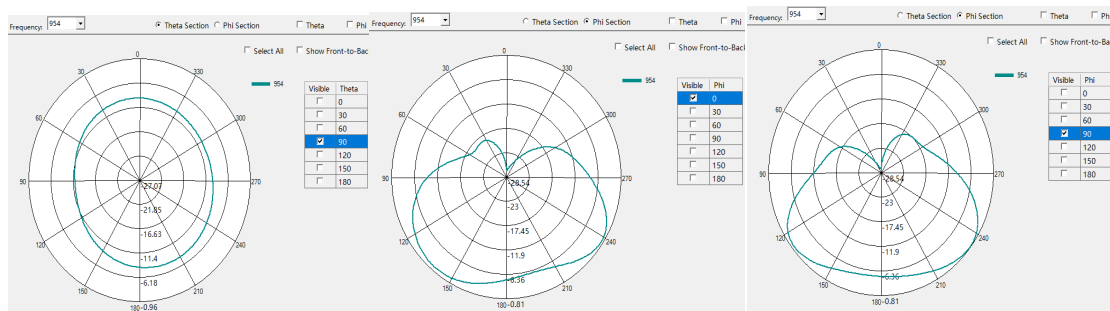


RADIATION PATTERNS

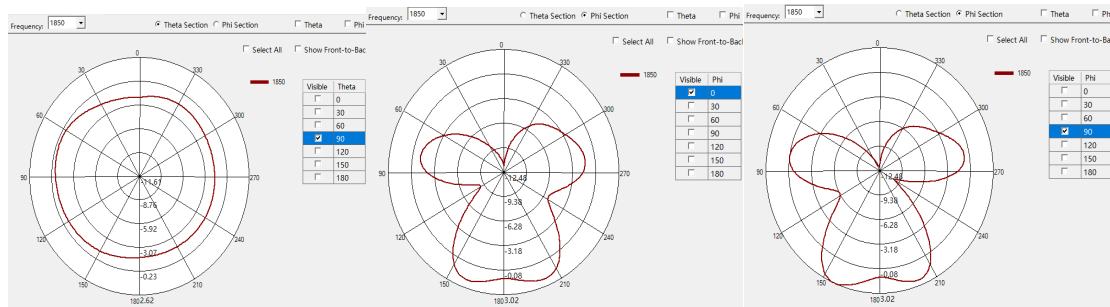
2D Radiation Pattern at 854MHz



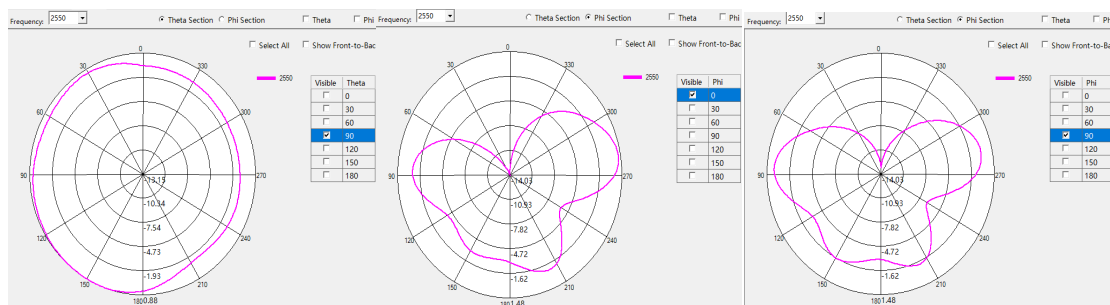
2D Radiation Pattern at 954MHz



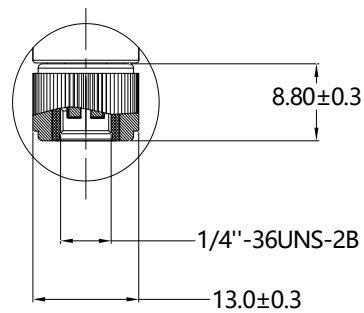
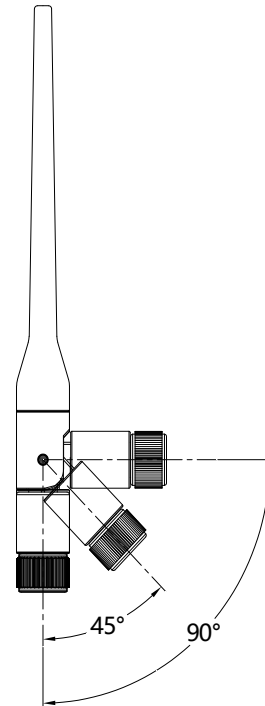
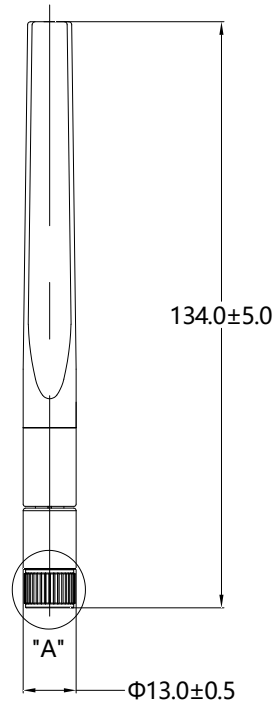
2D Radiation Pattern at 1850MHz



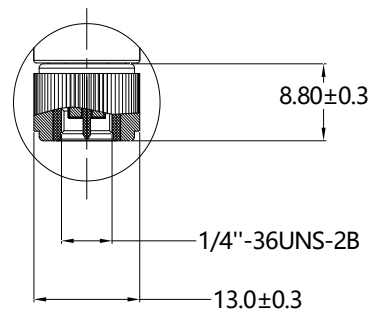
2D Radiation Pattern at 2550MHz



HOUSING CONFIGURATIONS



RP-SMA MALE A
SCALE 2:1



SMA MACHO A
SCALE 2:1