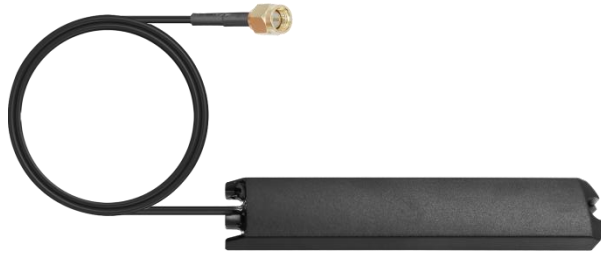


Water-resistant 5G Dipole Antenna

FEATURES



- Adhesive Mount
- Ground Plane Independent
- Full 5GLTE backward compatibility
- 5.8 dBi Peak Gain
- Low Profile
- Customizable Cable and Connector



With overall dimensions of only 127.25*22.0*9.0mm, high-quality adhesive tape and PC/ABS UV stable housing, the AECB005 can be installed on any glass or ABS surfaces found in the most extreme outdoor environment without any risk of failure.

The antenna offers ground-plane independent Omni-directional performance across global cellular and 5G bands making it a versatile solution for any number of applications. The efficient element design ensures a high first-time connection rate and an ongoing, robust communications link even in problematic coverage areas.

PRODUCTS

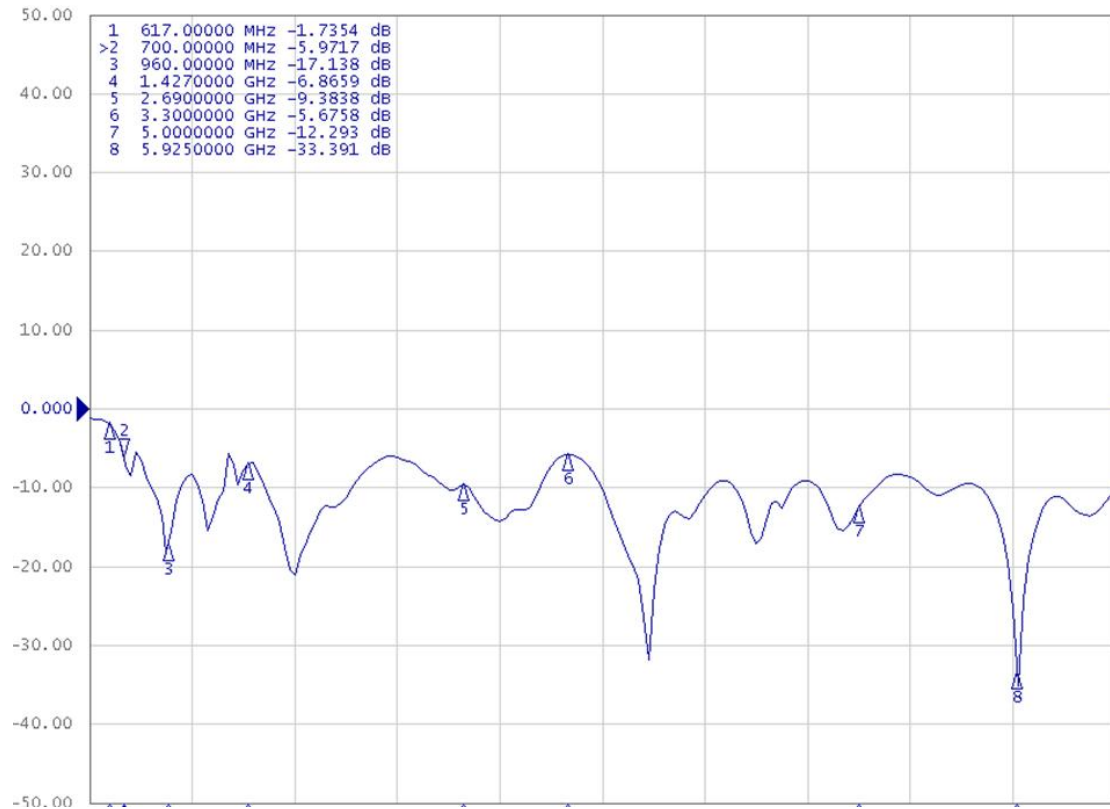
Part No.	Weight	Dimensions (L x W x H)/Line length	Connector	Color
AECB005	36g	127.25*22.0*9.0mm/1000mm	SMA MALE	Black

SPECIFICATIONS

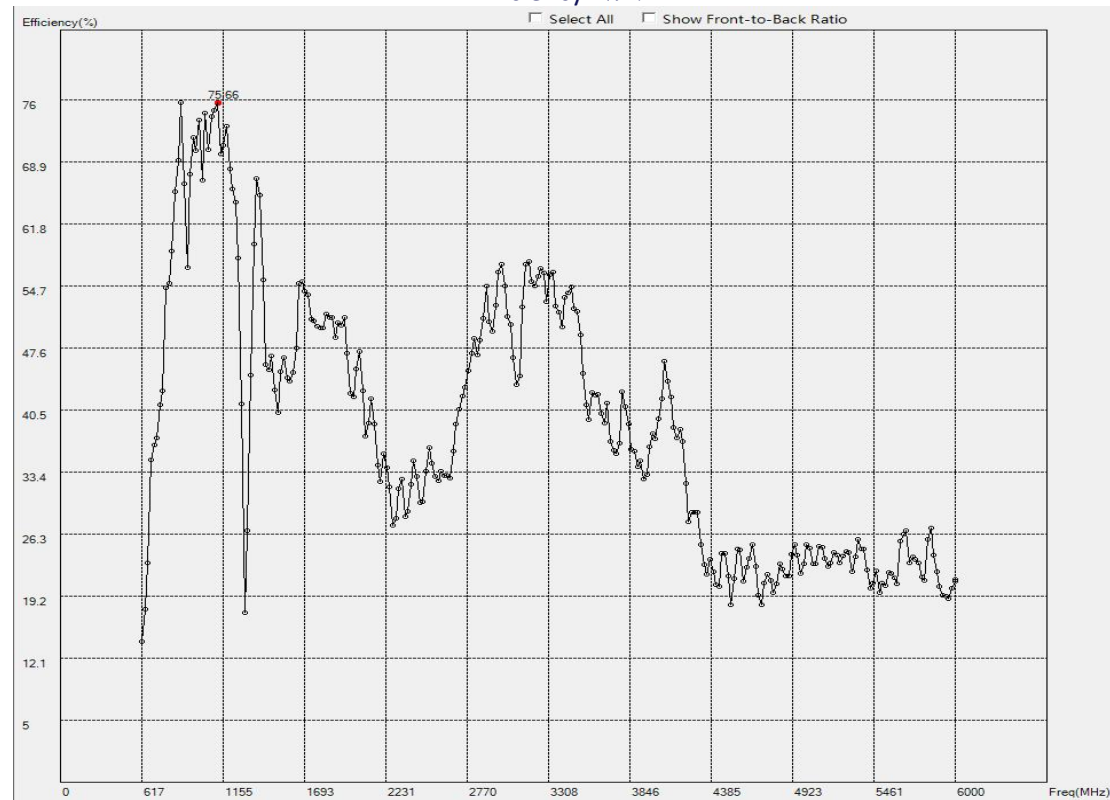
PARAMETER	SPECIFICATION
Frequency Bands, MHz	617-6000
VSWR (Max)	3.0:1
Peak Gain, dBi (Typ)	Up to 4.67
Nominal Impedance	50 Ω
Max Power (ambient temp of 25°C)	10 Watts
Azimuth Beam Width (deg)	Omnidirectional
Polarization	Linear
Radome	PC+ABS+UV, Black
Storage Temperature Range (°C)	-40° C to +85° C
Operational Temperature Range (°C)	-30° C to +80° C
Material Substance Compliance	RoHS Compliant
HSCODE	8517707090
USHSCODE	8517620010
UPC	

ELECTRICAL DATA

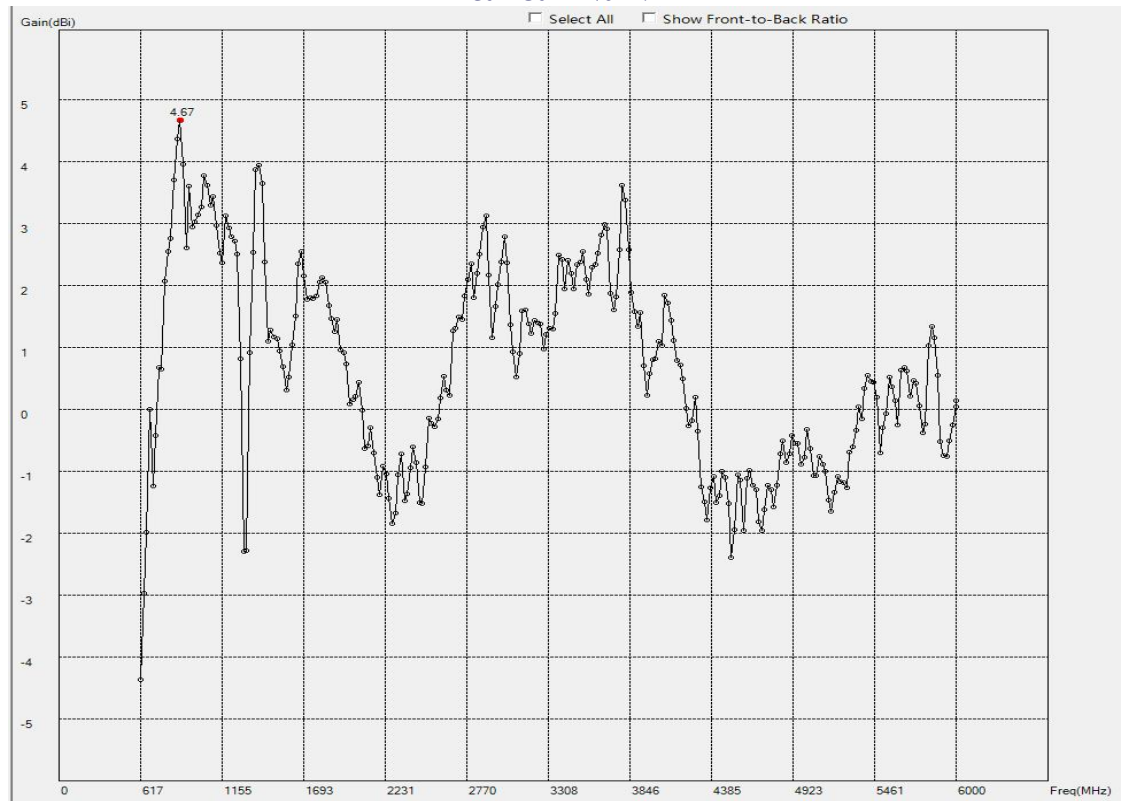
Return Loss



Efficiency (%)

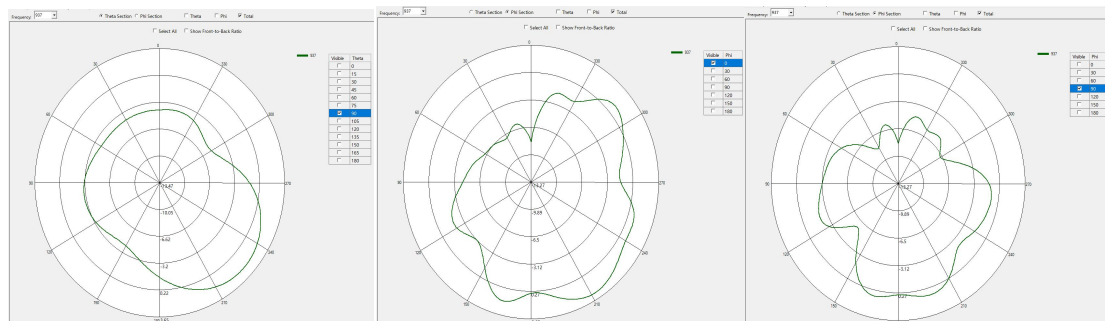


Peak Gain (dBi)

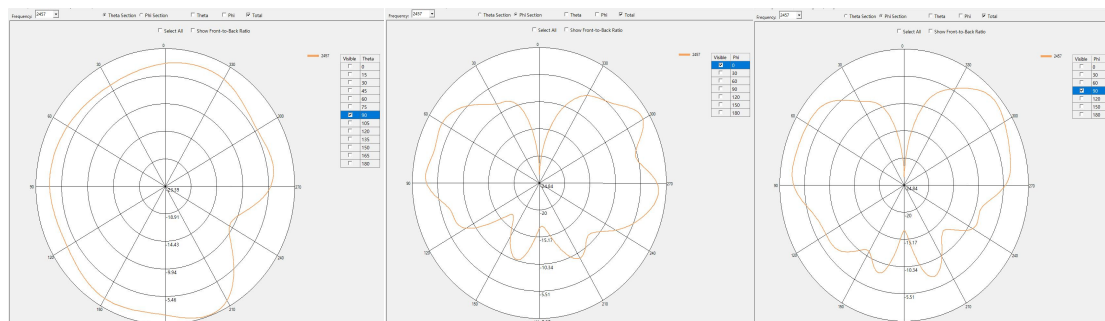


RADIATION PATTERNS

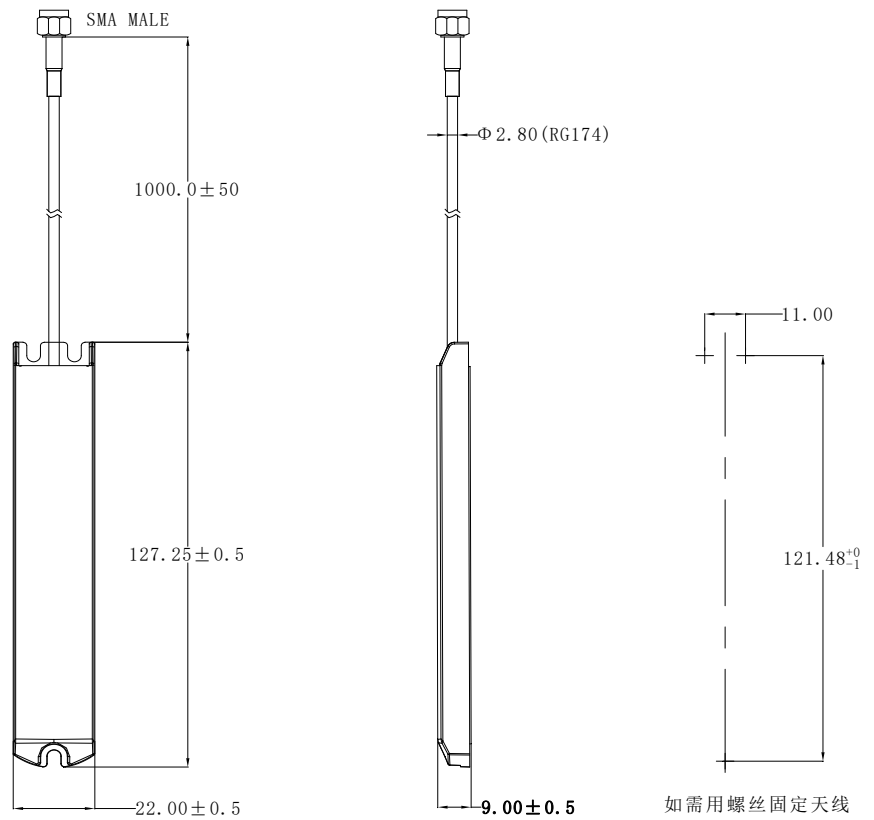
2D Radiation Pattern at 937MHz



2D Radiation Pattern at 2457MHz



HOUSING CONFIGURATIONS



如需用螺丝固定天线的，就要用M3.5螺丝，螺丝头直径不能大于7mm，封装尺寸如图所示