



Model: JCG433NR

5G NR Antenna



Charging Pile



Communication



Features

- AAR Compliant
- IP67 ingress protection
- Full 2G/3G/4G/5G Compatibility

Applications

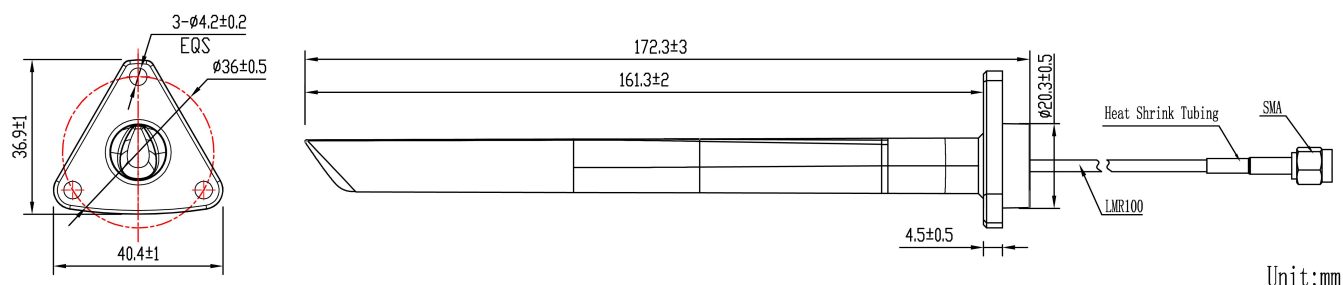
- Electric vehicle charging pile
- IOT and Vehicle Telematics



Learn More >>
2025.12.11



1. Dimensions

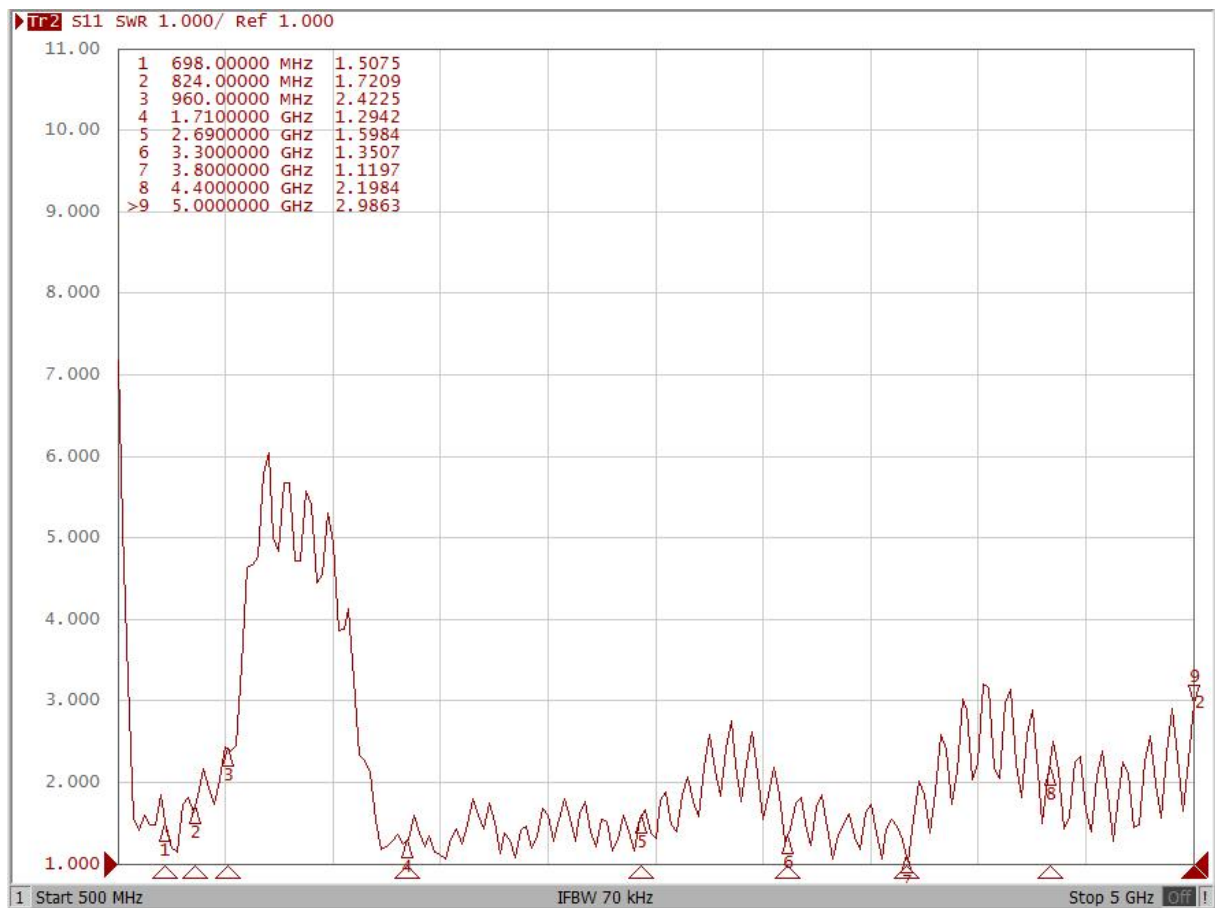


2. Specifications

Item	Specifications	
5G NR Antenna	Frequency	698-960/1710-2690/3300-3800/4400-5000MHz
	Polarization	Linear
	Gain	3dBi
	V.S.W.R	≤ 3.0
	Impedance	50Ω
Mechanical	Cable	LMR100
	Connector	SMA or others
	Materia006C	ASA
Environmental	Operating Temperature	$-40^{\circ}\text{C} \sim +85^{\circ}\text{C}$
	Relative Humidity	Up to 95%
	Ingress Protection	IP67
	Vibration	10 to 55Hz with 1.5mm amplitude 2hours
	Environmentally Friendly	ROHS Compliant

3. Parameters

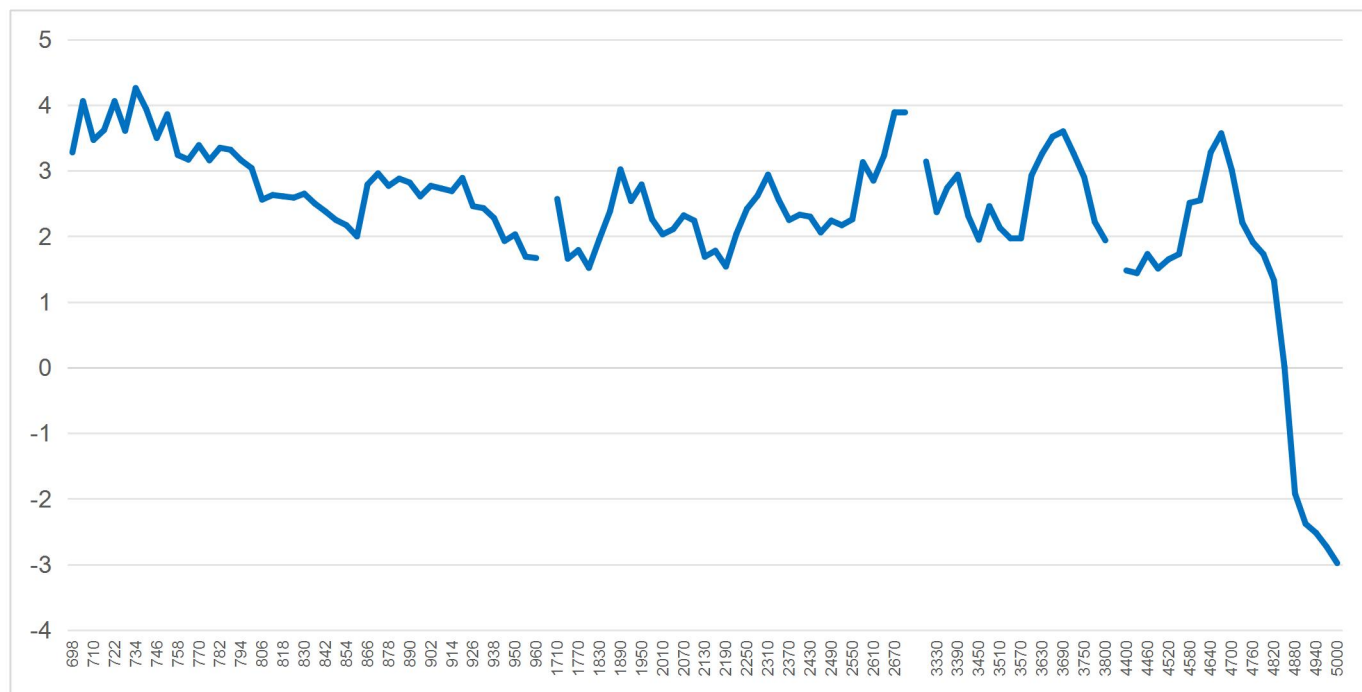
3.1. VSWR



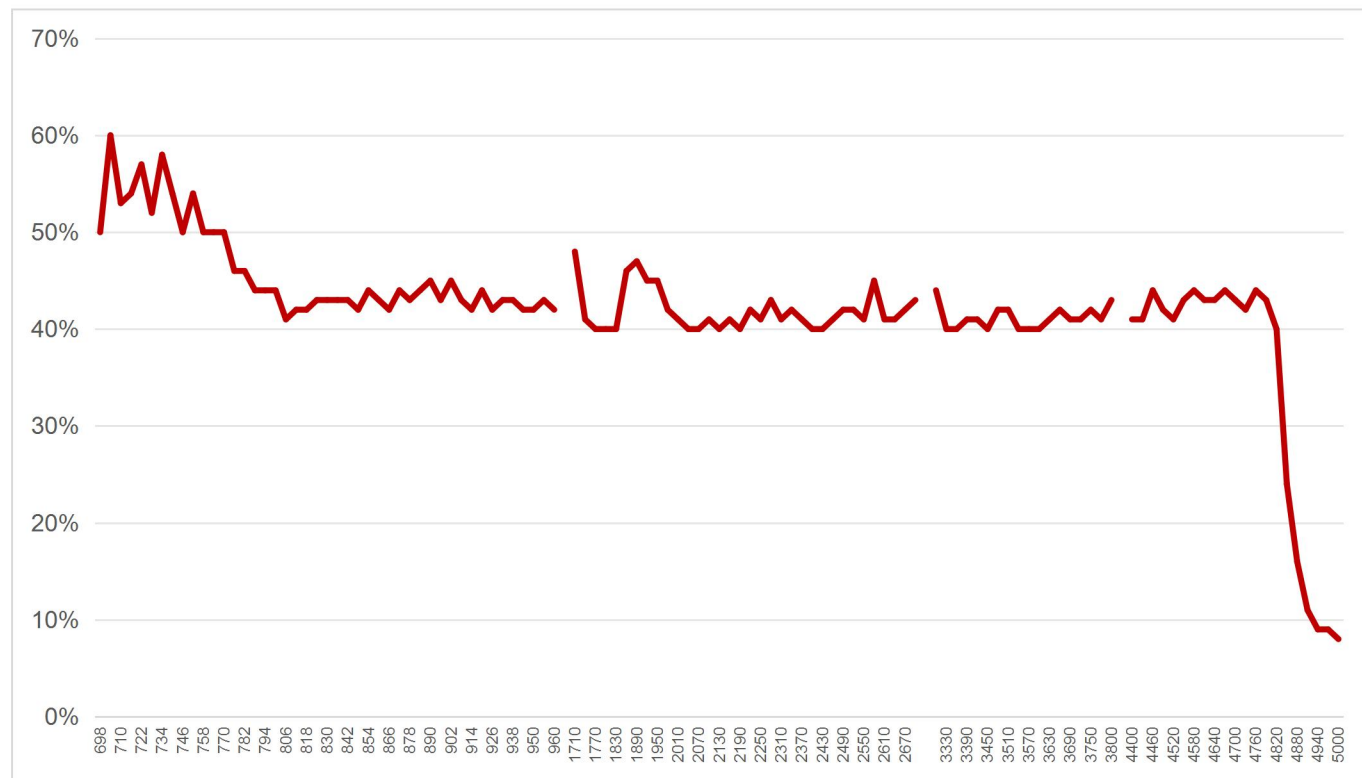
3.2. Radiation



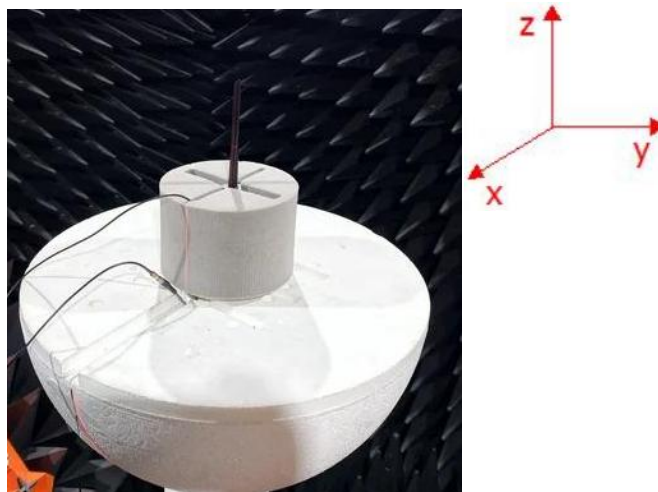
3.2.1. Gain



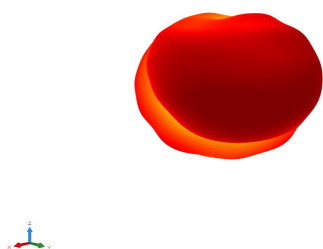
3.2.2. Efficiency



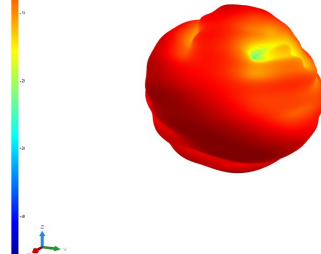
3.2.3. Radiation Pattern



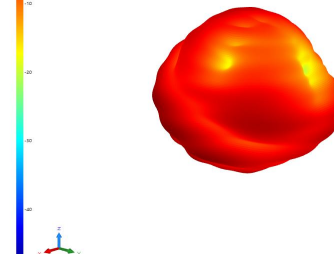
698MHz



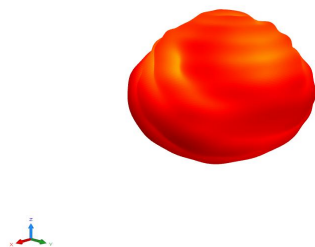
868MHz



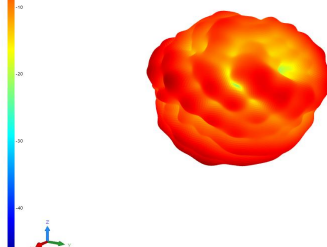
960MHz



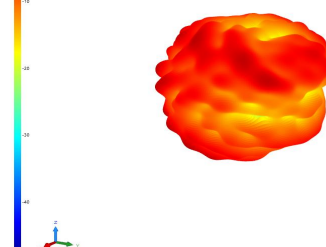
1710MHz



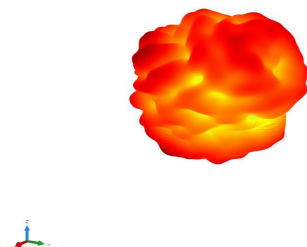
2170MHz



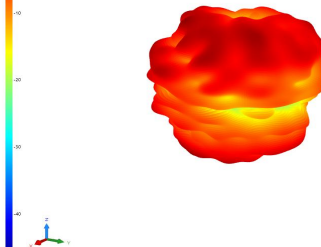
2690MHz



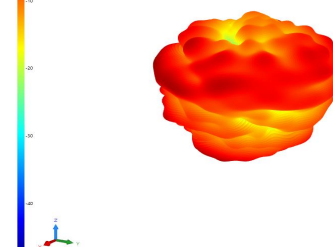
3300MHz

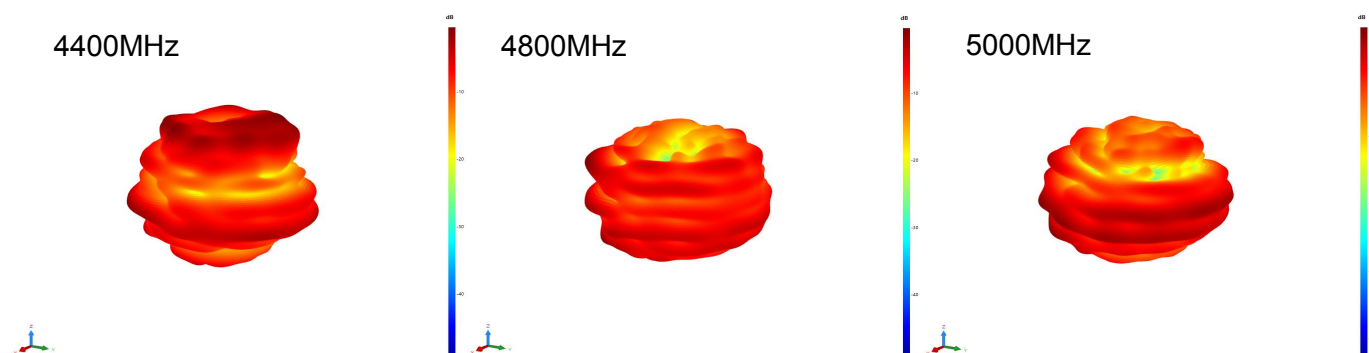


3550MHz

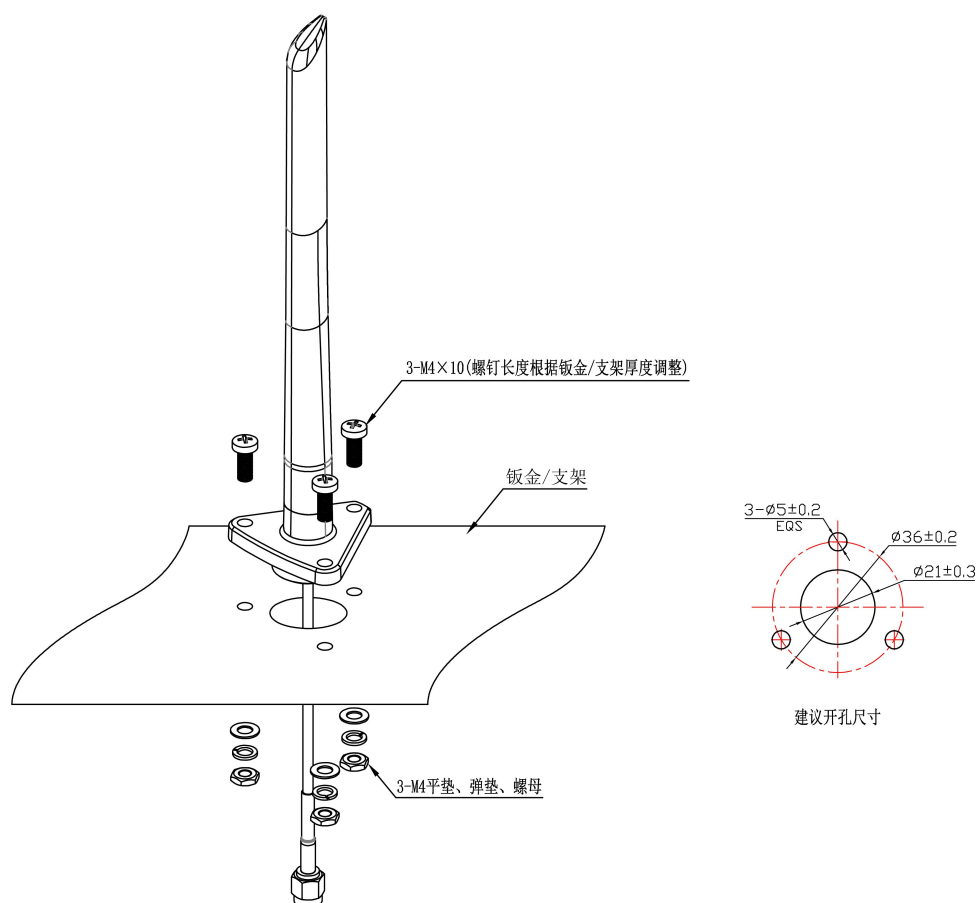


3800MHz





4. Installation method



CONTACT US



Learn More >>

www.jcantenna.com

ZHEJIANG JC ANTENNA CO., LTD.

E-mail: marketing@jinchanggps.com | info@jcantenna.com

Address: 777# Kangxing West Road, Dayun Town, Jiashan County, Jiaxing, Zhejiang, China