2J2024GP
2J2024GPW
(DATASHEET)

Type	Wall mount omnidirectional antenna
Frequencies	4G/LTE (699-960/1710-2690 MHz)
Mounting	Wall Mount
Revision	02



P. Tipul

1. PRODUCT SELECTOR

2J2024GP Standard black version
2J2024GPW White version

2. SPECIFICATION

2.1. Electrical Specifications

Frequencies	4G/LTE (699-960/1710-2690 MHz)
Impedance	50 Ohms
Polarization	Vertical
Gain	2.2 dBi Typ.
VSWR	<3:1
Power handling	25W

2.2. General Specifications

Operating temperature	-40°C to +85°C

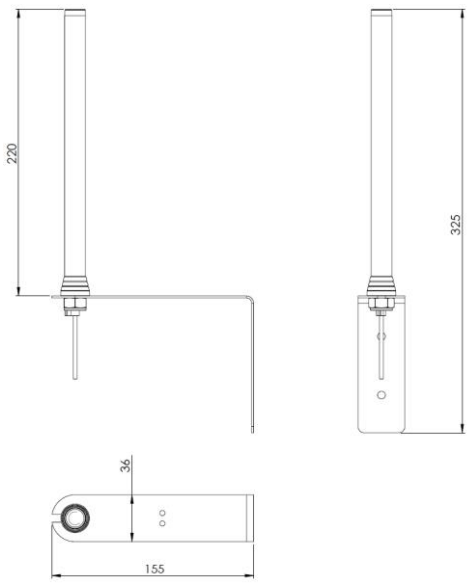
2.3. Connection Specifications

Connector type: SMA male, nickel
Cable: RG58
Cable length: 250 cm

For different cable length and connector type ask our sales team.

2.4. Mechanical Specifications and Dimensions

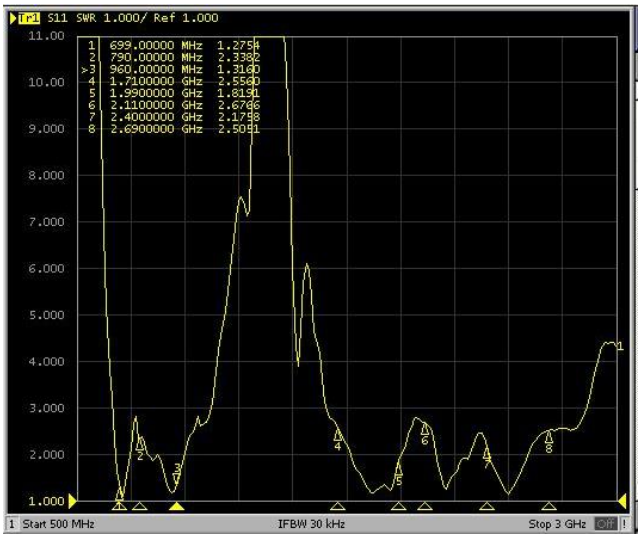
Material: Tube: ABS / Base: Brass / Bracket: Stainless Steel
Max. dimensions: 325 mm x 155 mm x 36 mm (H x L x W)
Colour: Black (for different colours please ask our sales team)



3. MEASUREMENT

3.1. S11

VSWR for LTE band

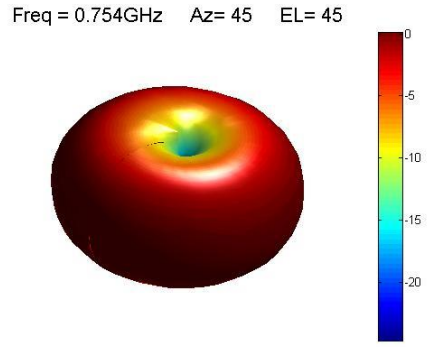


Log Mag for LTE band

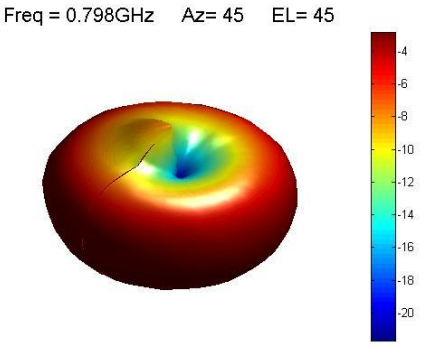


3.2. 3D Spherical Gain (dBi)

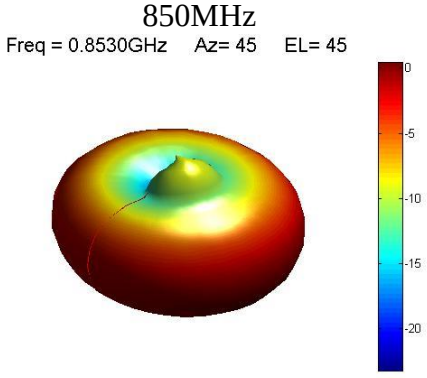
750MHz



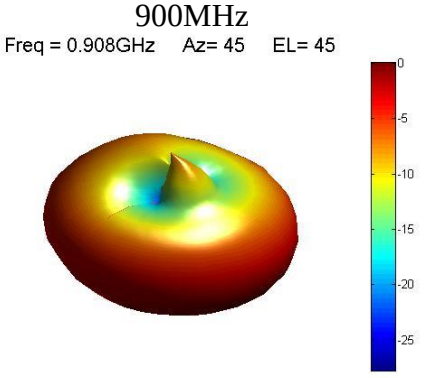
800MHz



850MHz

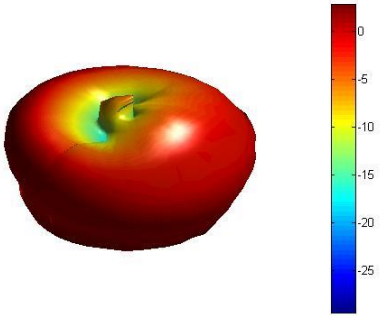


900MHz



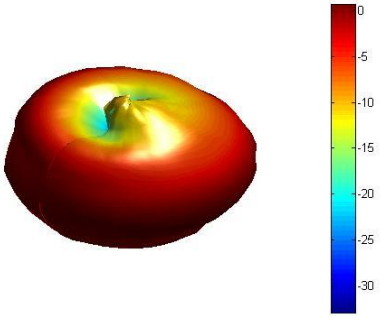
1800MHz

Freq = 1.81GHz Az= 45 EL= 45



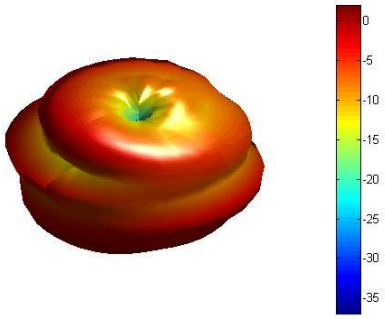
1900MHz

Freq = 1.909GHz Az= 45 EL= 45



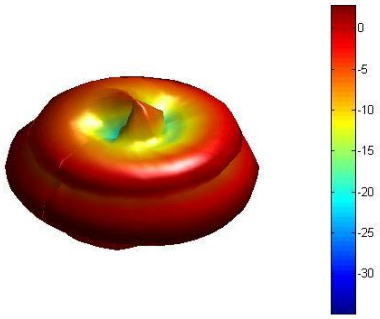
2100MHz

Freq = 2.107GHz Az= 45 EL= 45



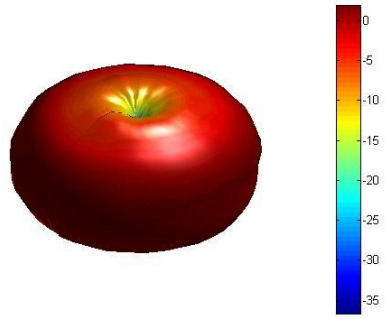
2400MHz

Freq = 2.404GHz Az= 45 EL= 45



2600MHz

Freq = 2.602GHz Az= 45 EL= 45



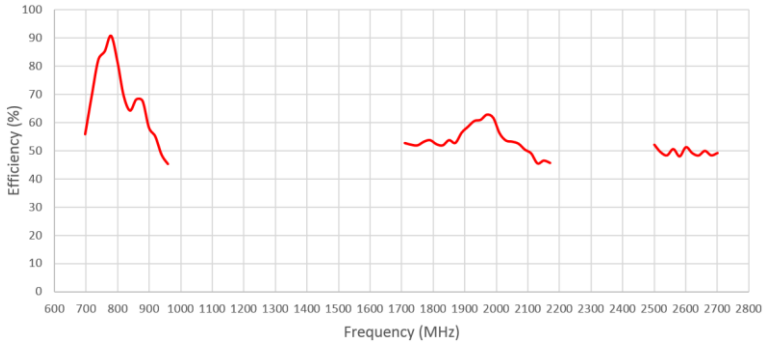
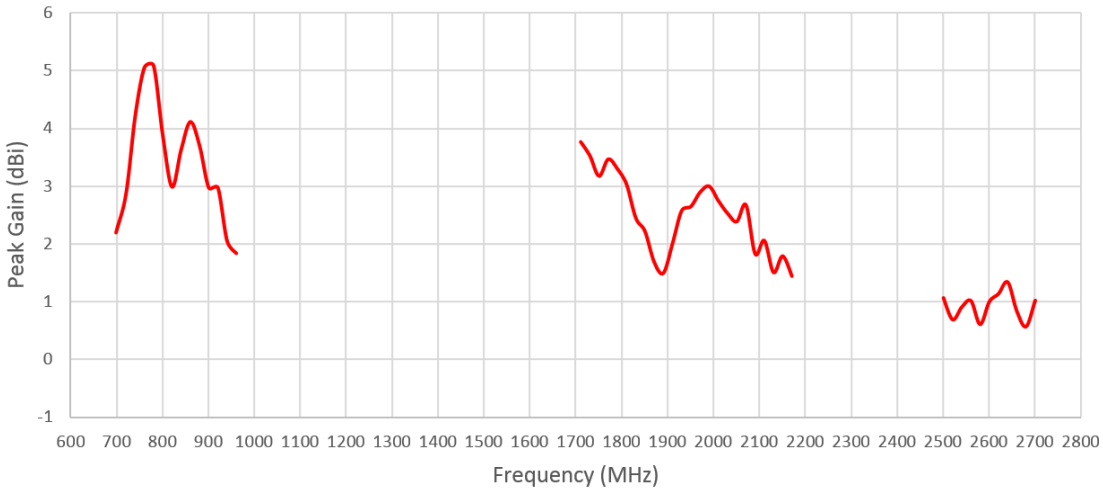


Figure 1 - Efficiency



4. IMAGES





