

2J4702B

(Datasheet)

Type	WiFi/Bluetooth antenna
Frequencies	WIFI / BLUETOOTH (2.4 GHz) WiFi (5.1 – 5.9 GHz)
Mounting	Body Mount
Revision	00



P. Tipul



D. Noble

1. SPECIFICATION

1.1. Electrical Specifications

Frequencies	WIFI / BLUETOOTH (2.4 GHz) WIFI (5.1 – 5.9 GHz)
Impedance	50 Ohms
Polarization	Linear
Gain	3dBi
VSWR*	<2.5:1
Cable length	min 30cm
Operating temperature	-40°C to +85°C

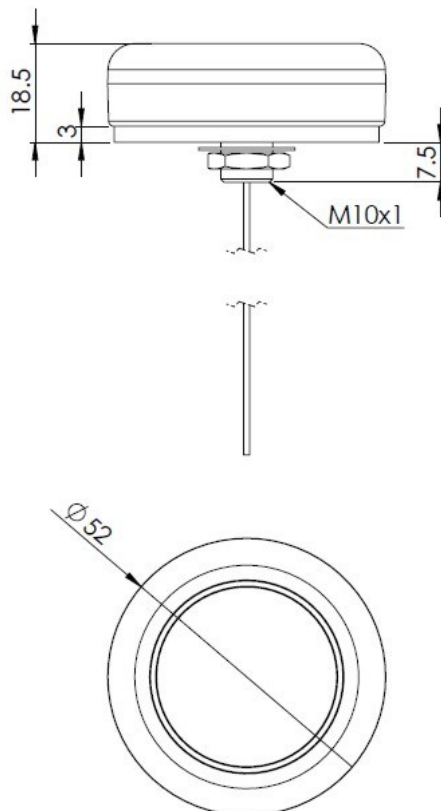
*Values stated when measured on 20x20cm ground plane and 30cm cable length

1.2. Connection Specifications

Connector type: SMA male
 Cable: RG174U
 Cable length: 30 cm

1.3. Mechanical Specifications and Dimensions

Material: ABS
 Dimensions: 52mm x 18.5mm
 Colour: Black (for different colours please ask our sales team)



2. MEASUREMENT

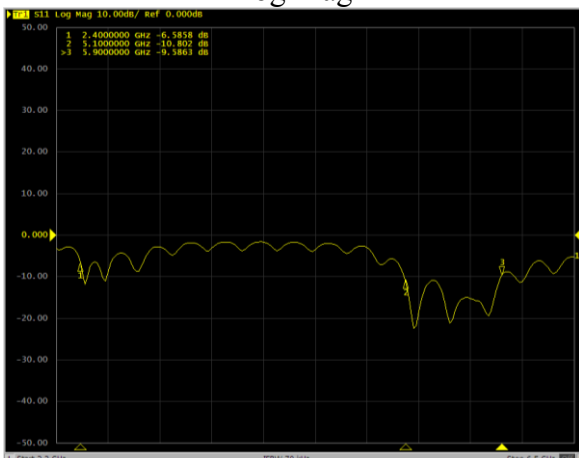
2.1. Set for Measurements

Connection: 30cm RG174.
 Temperature: 25 °C
 Input power: 0 dBm

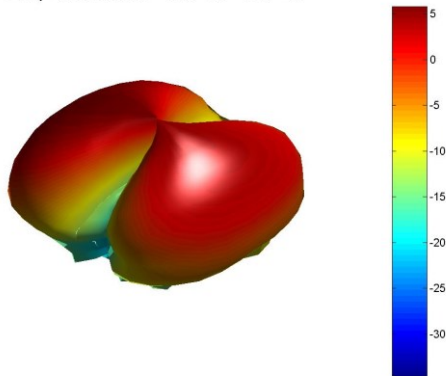
DAMS positioner with AUT and reference antenna are placed in anechoic chamber

2.2. Electrical Characteristics

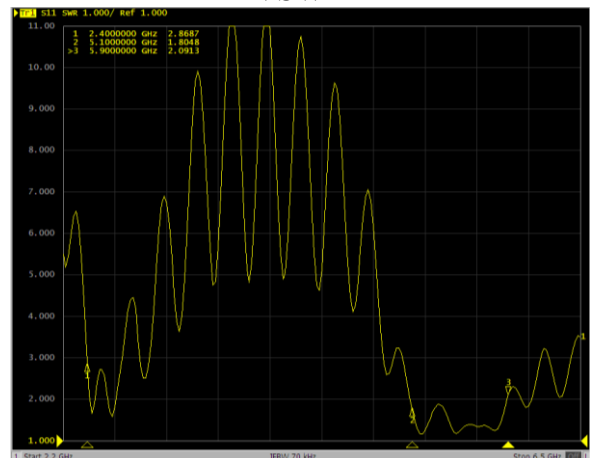
Log Mag



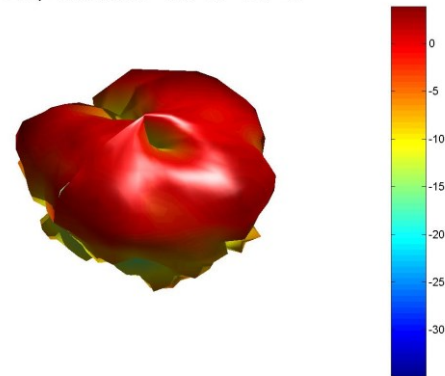
Freq = 2.4002GHz Az= 45 EL= 45



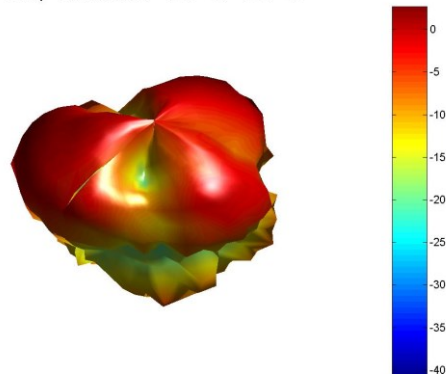
VSWR



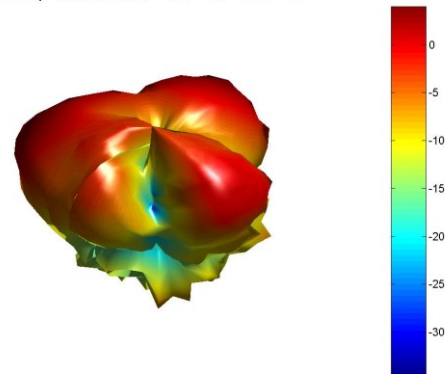
Freq = 5.0972GHz Az= 45 EL= 45



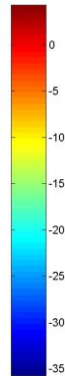
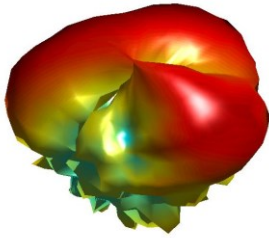
Freq = 5.3147GHz Az= 45 EL= 45



Freq = 5.5975GHz Az= 45 EL= 45



Freq = 5.902GHz Az= 45 EL= 45



3. MOUNTING

- through 10mm circle hole

4. IMAGES

