

## 2J4804P

### Cellular Adhesive Mount

#### Key Features

##### Cable 1: CELLULAR

- 824-960 MHz
- 1710-2170 MHz

Adhesive Mount

Ground Plane Independent

Customizable Cable and Connector

Dimensions 83 x 35 x 13.3 mm

Certificates: IP67, IP69



**Note:** Antenna 2J4804PR equipped with 10K resistor for antenna detection is available.



## 1. Antenna and electrical specifications

Cable 1

Parameters	CELLULAR Antenna	
<b>Standards</b>	2G and 3G	
<b>Band (MHz)</b>	850/900	1700/1800/1900/2100
<b>Frequency (MHz)</b>	824-960	1710-2170
<b>Return Loss (dB)</b>	~-17.5	~-17.5
<b>VSWR</b>	~1.4:1	~1.3:1
<b>Efficiency (%)</b>	~61	~55
<b>Peak Gain (dBi)</b>	~3.6	~2.1
<b>Average Gain (dB)</b>	~-2.1	~-2.5
<b>Impedance (Ohm)</b>	50	
<b>Polarisation</b>	Linear	
<b>Radiation Pattern</b>	Omni-Directional	
<b>Max. Input Power (W)</b>	25	
<b>Connector Type</b>	SMA-Male Standard (Other Connectors Available)	
<b>Cable Length</b>	300 cm Standard (Any Cable Length Available)	
<b>Cable Type</b>	LMR100 Standard (Other Cables Available)	

### Antenna Measurement Conditions:

Mounted on 30 x 30 x 0.25 cm ABS Plate

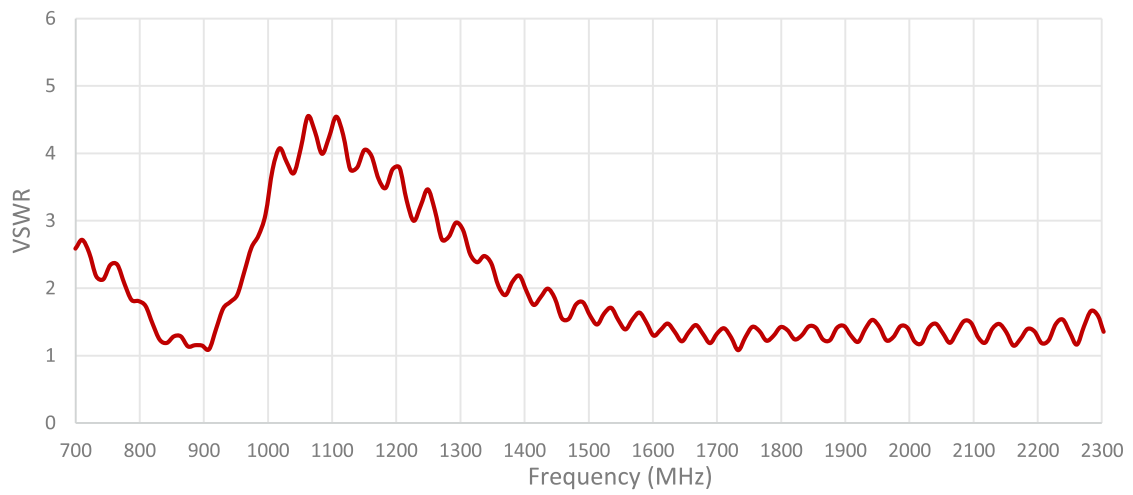
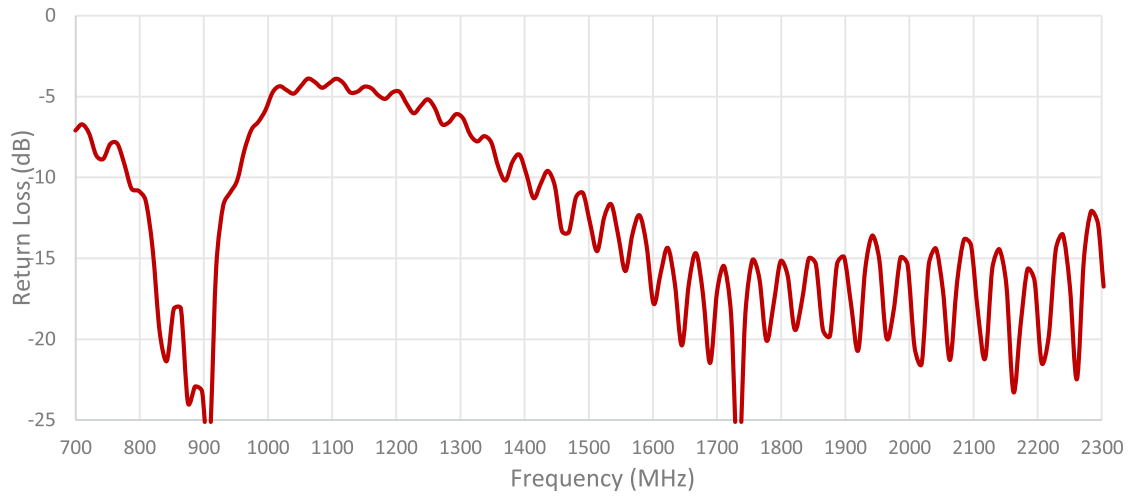
200 cm of Cable LMR100

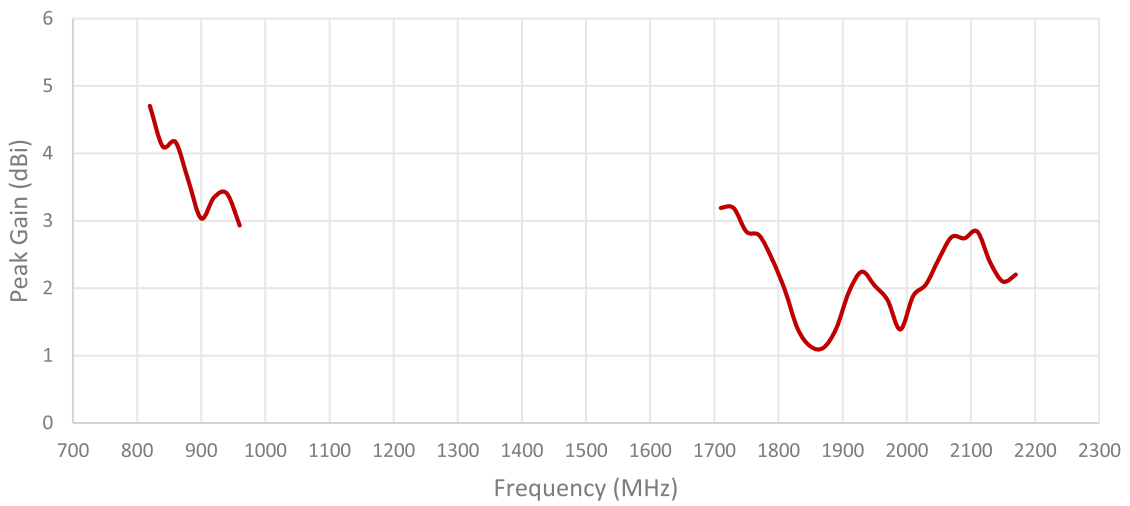
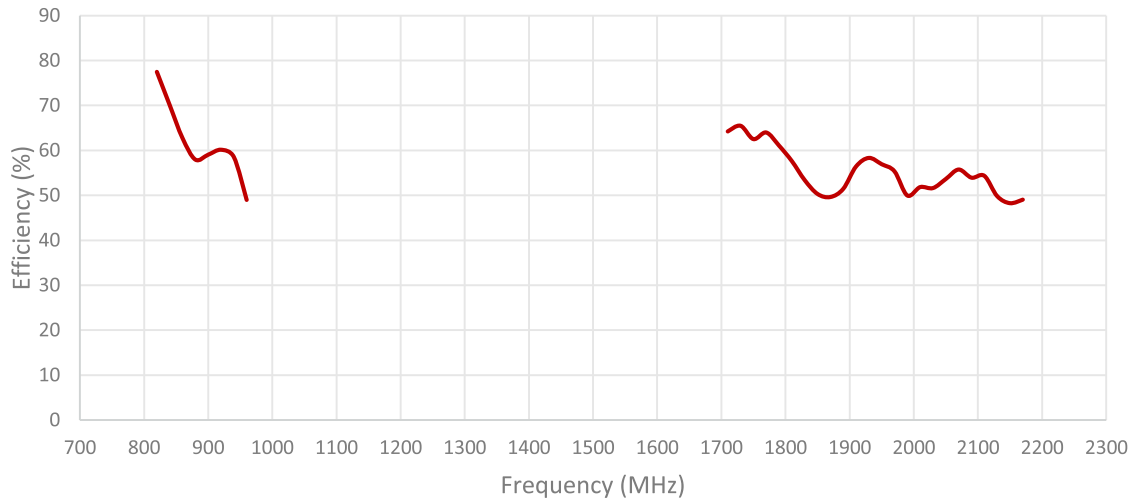
Measured in Certified CTIA 3D Anechoic Chamber

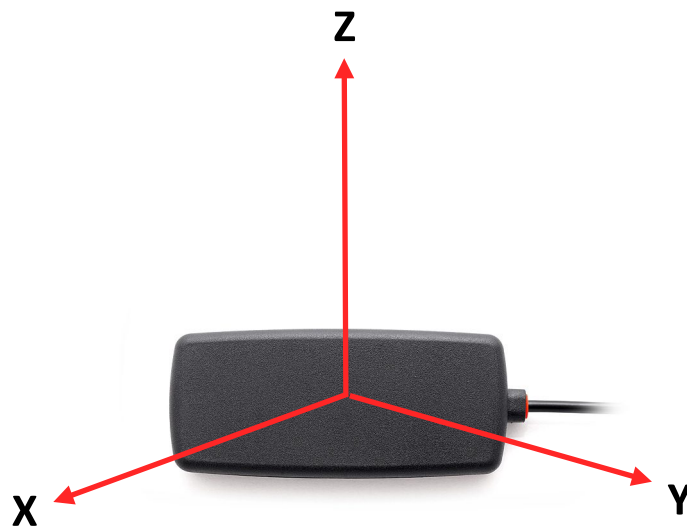
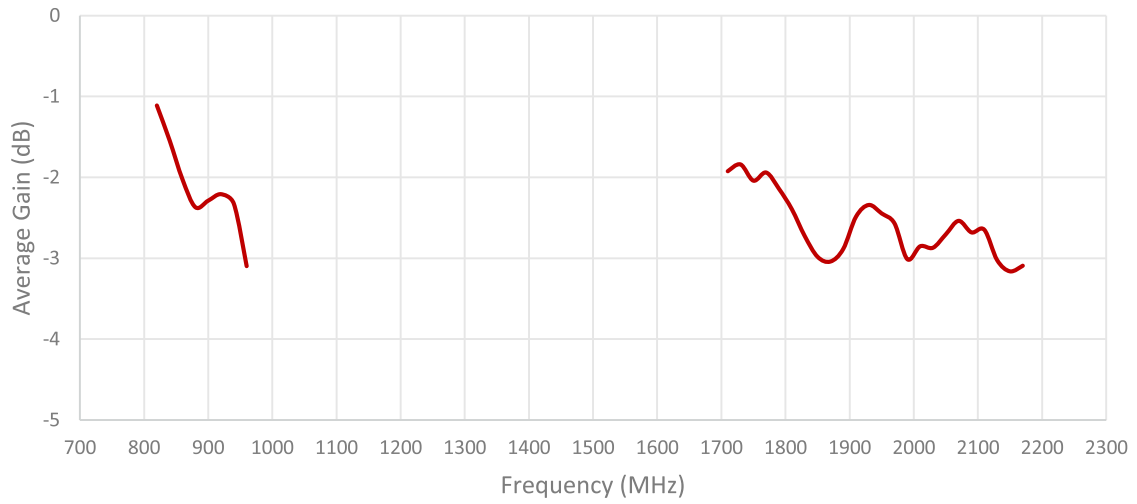
## 2. Mechanical and environmental specifications

Specifications	2J4804P
<b>Mounting Type</b>	Adhesive Mount
<b>Dimensions (mm)</b>	83 x 35 x 13.3
<b>Radome</b>	ABS
<b>Radome color</b>	Black
<b>Operating Temperature (C)</b>	-40 to +85
<b>Storage Temperature (C)</b>	-40 to +85
<b>Substance Compliance</b>	RoHS
<b>Certificates</b>	IP67, IP69

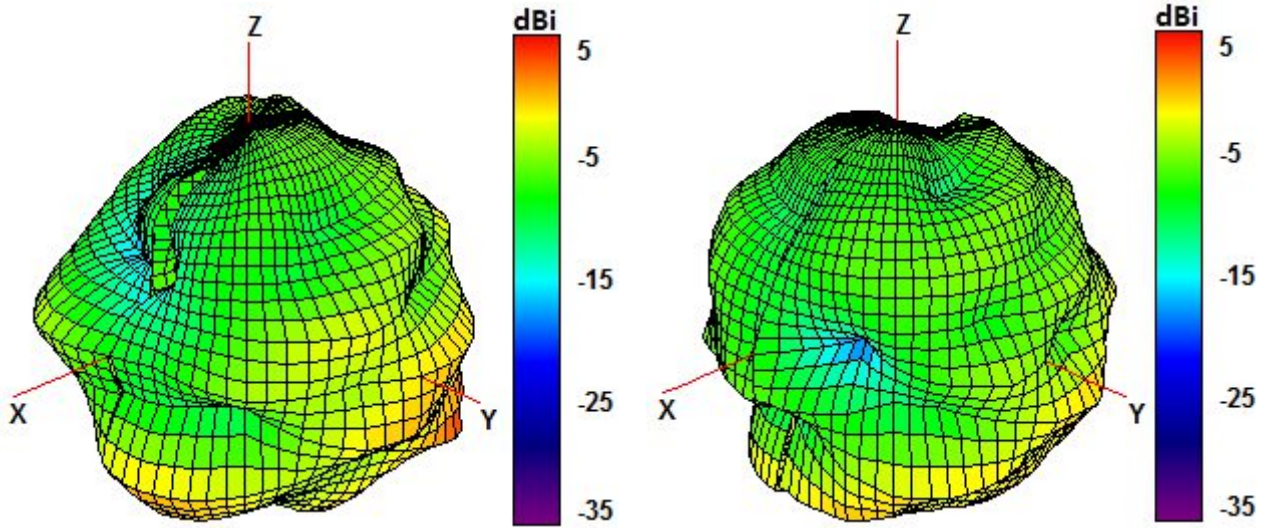
### 3. Antenna parameters



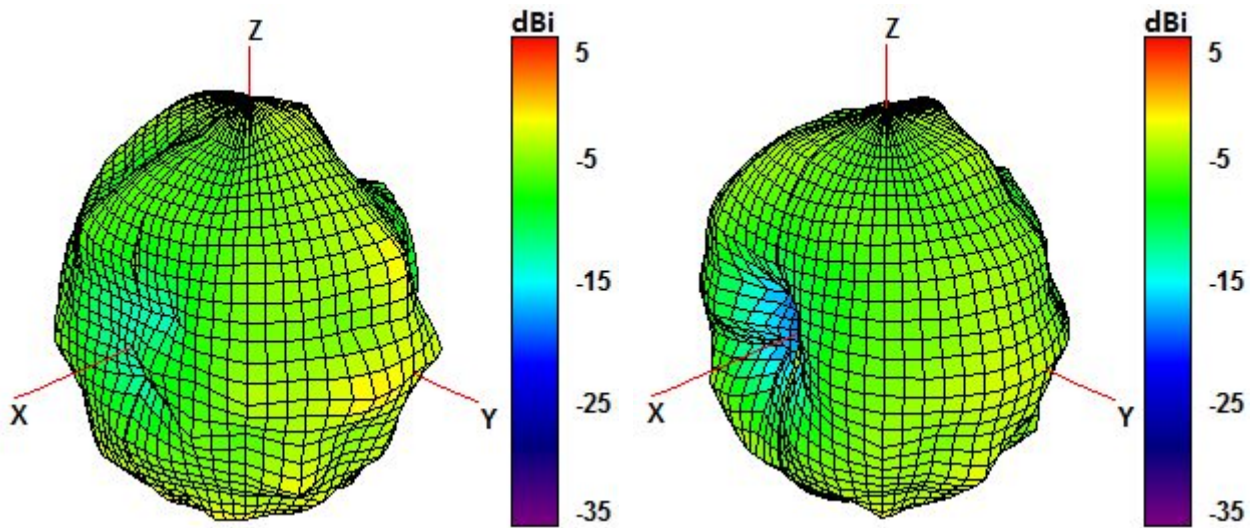




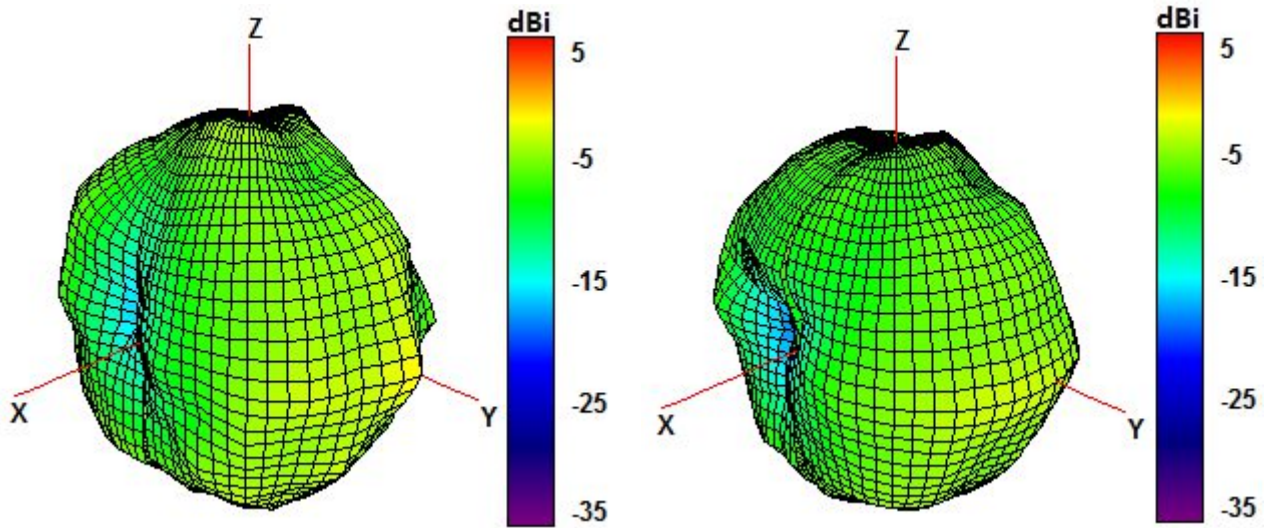
Radiation pattern reference



850 and 940 MHz Radiation pattern

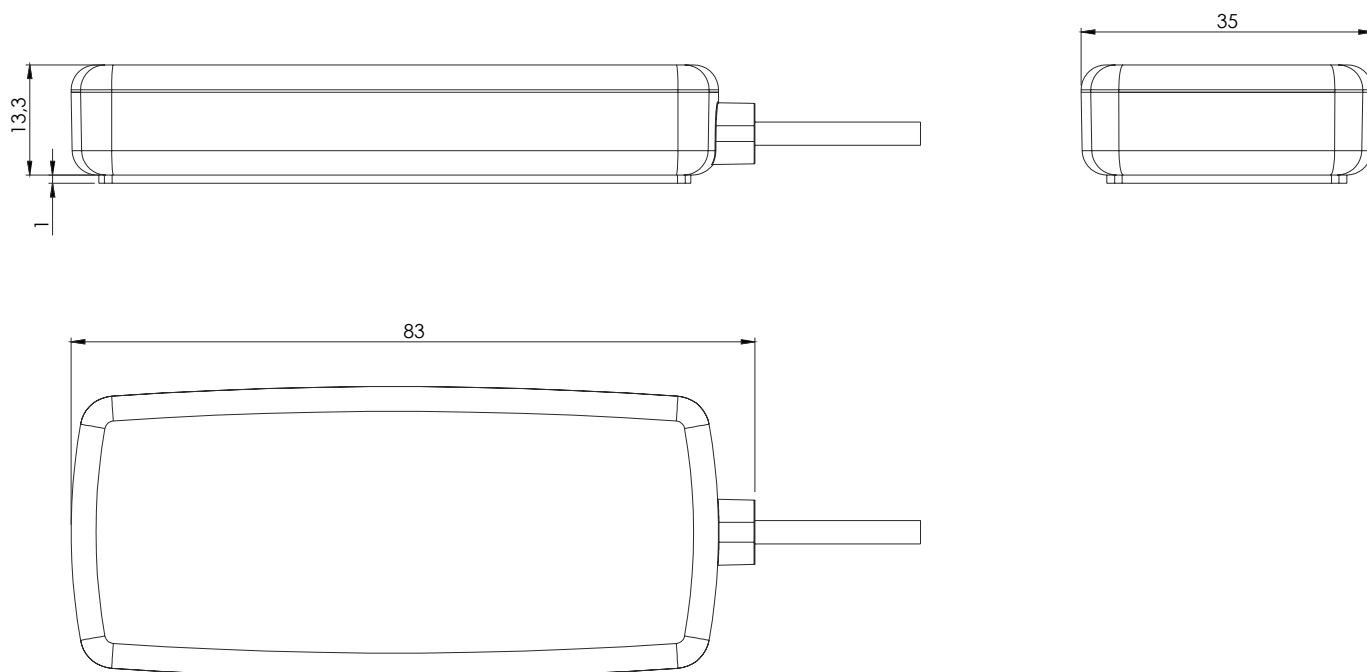


1750 and 1850 MHz Radiation pattern



1950 and 2100 MHz Radiation pattern

## 4. Antenna drawings





## 5. Antenna Images

