

## 2JP0624P

### CELLULAR / LTE Rigid Fiberglass

#### Key Features

##### CELLULAR / LTE

- 698-960 MHz
- 1710-2170 MHz
- 2500-2700 MHz

Self-Adhesive

High Performance

Ground Plane Independent

Dimensions 89.7 x 14.1 x 0.8 mm

Customizable Cable and Connector



## 1. Antenna and electrical specifications

Parameters	CELLULAR / LTE Antenna		
<b>Standards</b>	2G,3G and 4G		
<b>Band (MHz)</b>	700/850/900	1700/1800/1900/2100	2600
<b>Frequency (MHz)</b>	698-960	1710-2170	2500-2700
<b>Return Loss (dB)</b>	~-15.1	~-12.5	~-9.0
<b>VSWR</b>	~1.5:1	~1.8:1	~2.1:1
<b>Efficiency (%)</b>	~45	~48	~48
<b>Peak Gain (dBi)</b>	~0.3	~1.5	~2.8
<b>Average Gain (dB)</b>	~-3.5	~-3.3	~-3.1
<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>	U.FL Standard (Other Connectors Available)		
<b>Cable Length</b>	150mm Standard (Any Cable Length Available)		
<b>Cable Type</b>	1.37mm Mini-Coax Standard (Other Cables Available)		

### Antenna Measurement Conditions:

Mounted on 30 x 30 x 0.25 cm ABS Plate

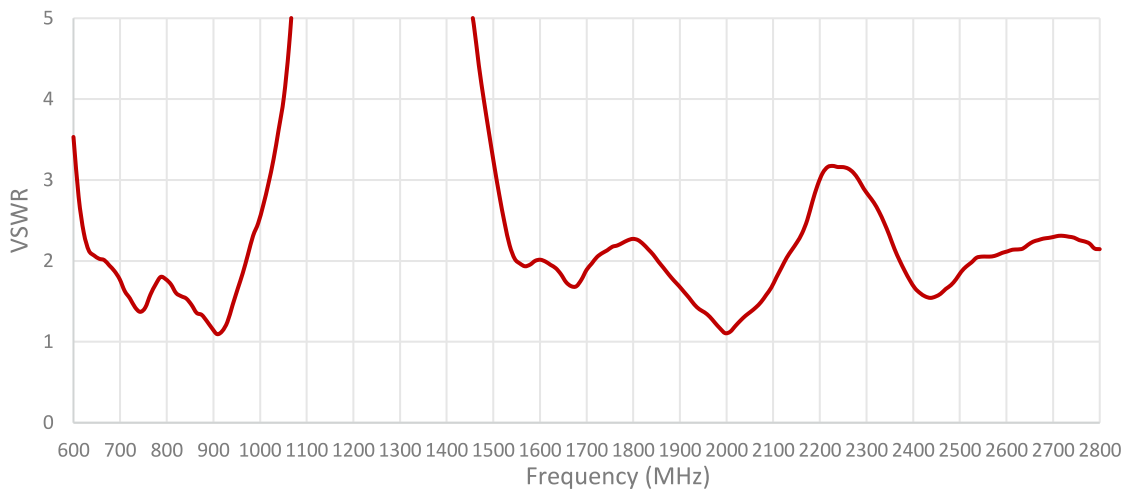
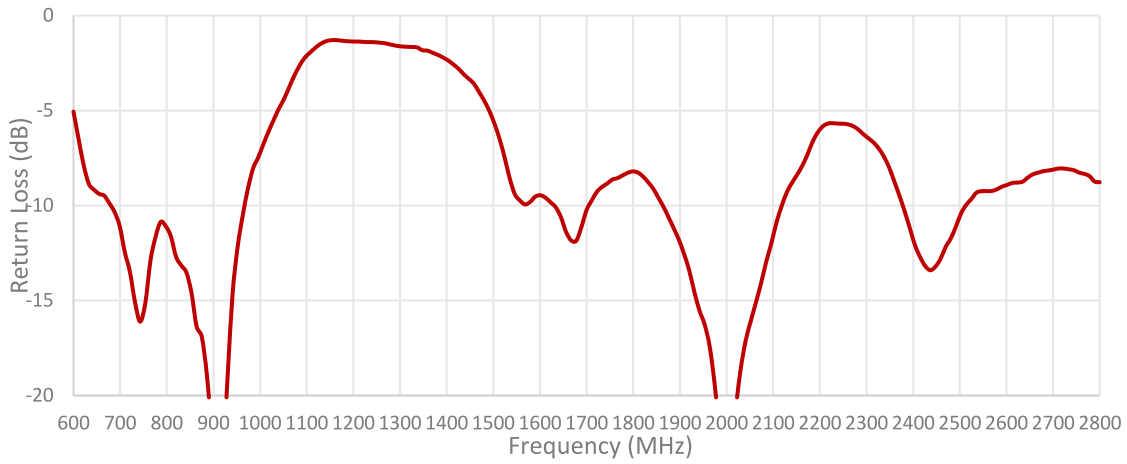
150 mm of 1.37 mm Mini-Coax Cable

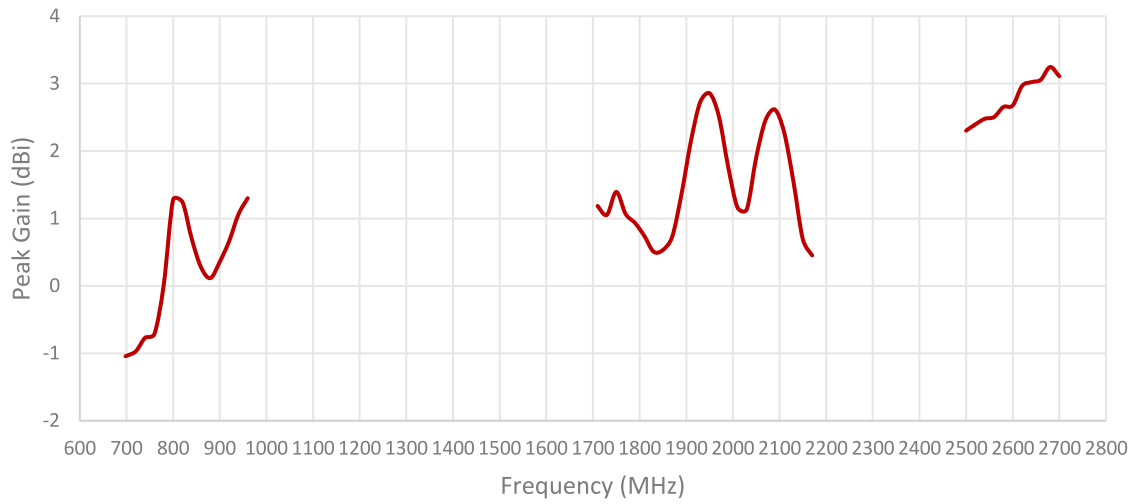
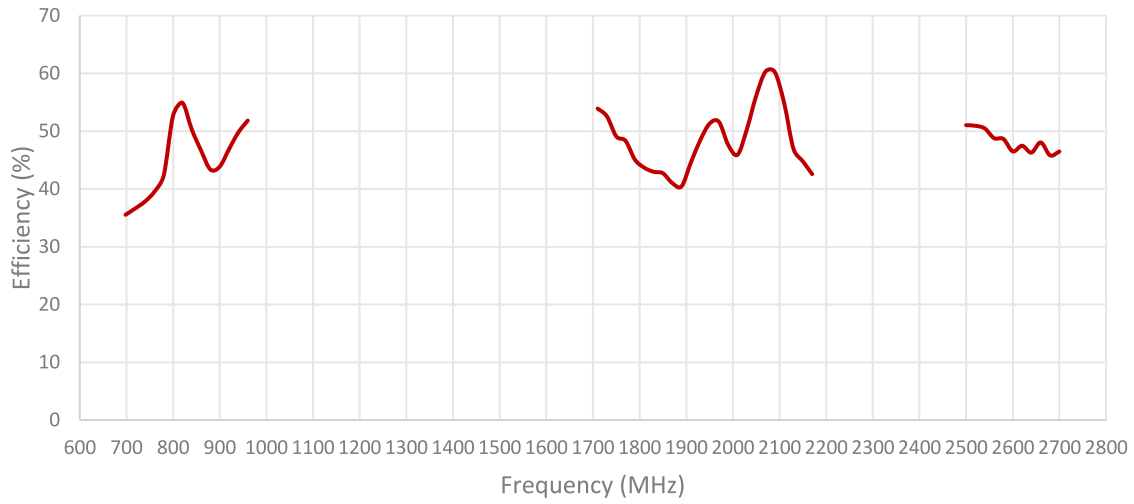
Measured in Certified CTIA 3D Anechoic Chamber

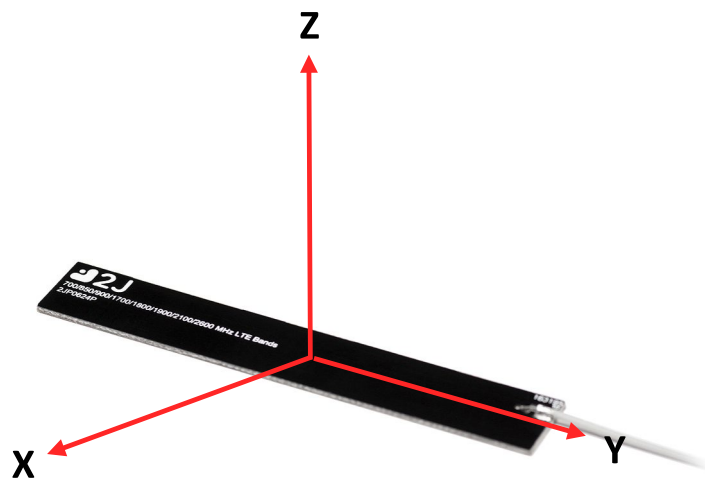
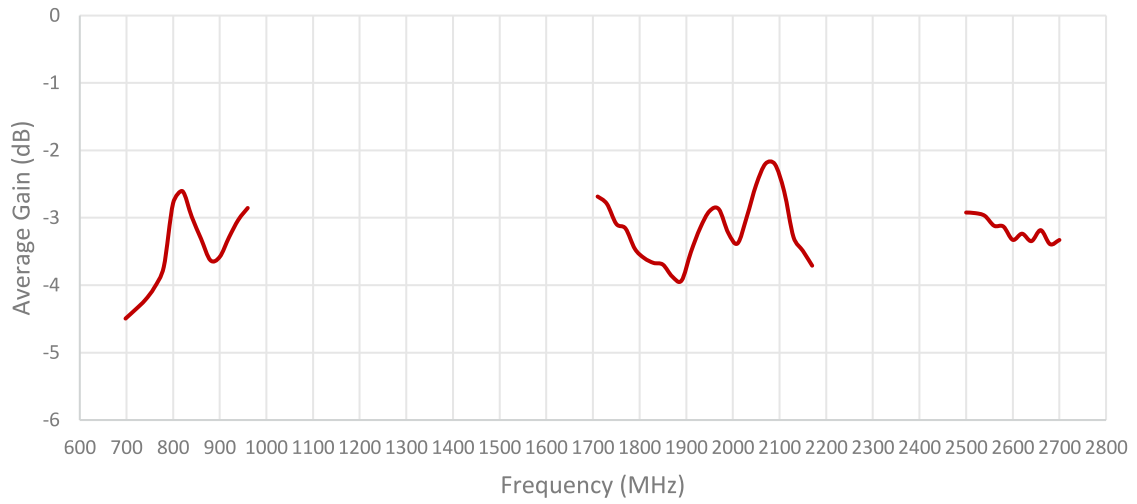
## 2. Mechanical and environmental specifications

Specifications	2JP0624P
<b>Mounting Type</b>	Adhesive Mount
<b>Dimensions (mm)</b>	89.7 x 14.1 x 0.8
<b>Adhesive Type</b>	3M 467
<b>Material</b>	Rigid Fiberglass
<b>Operating Temperature (C)</b>	-40 to +85
<b>Storage Temperature (C)</b>	-40 to +85
<b>Substance Compliance</b>	RoHS

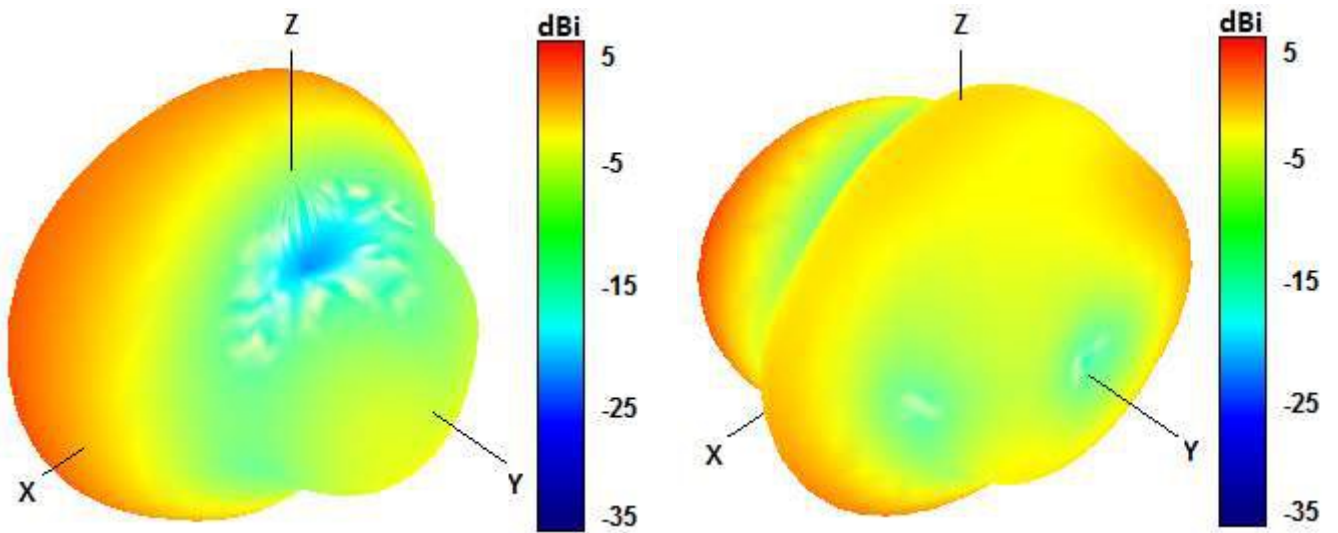
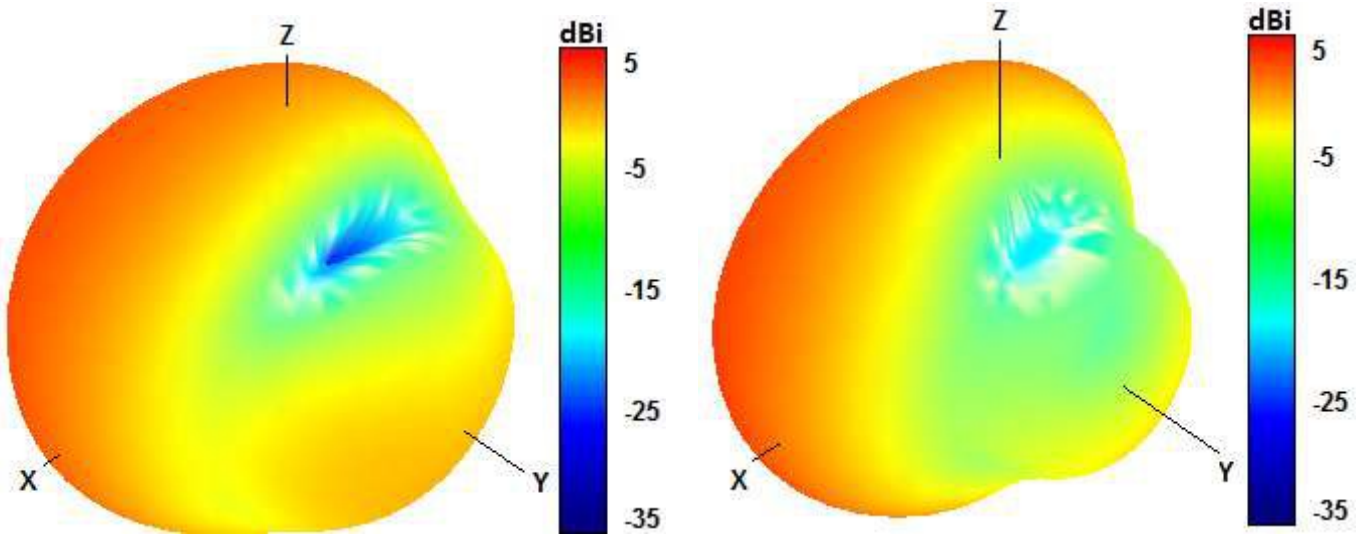
### 3. Antenna parameters

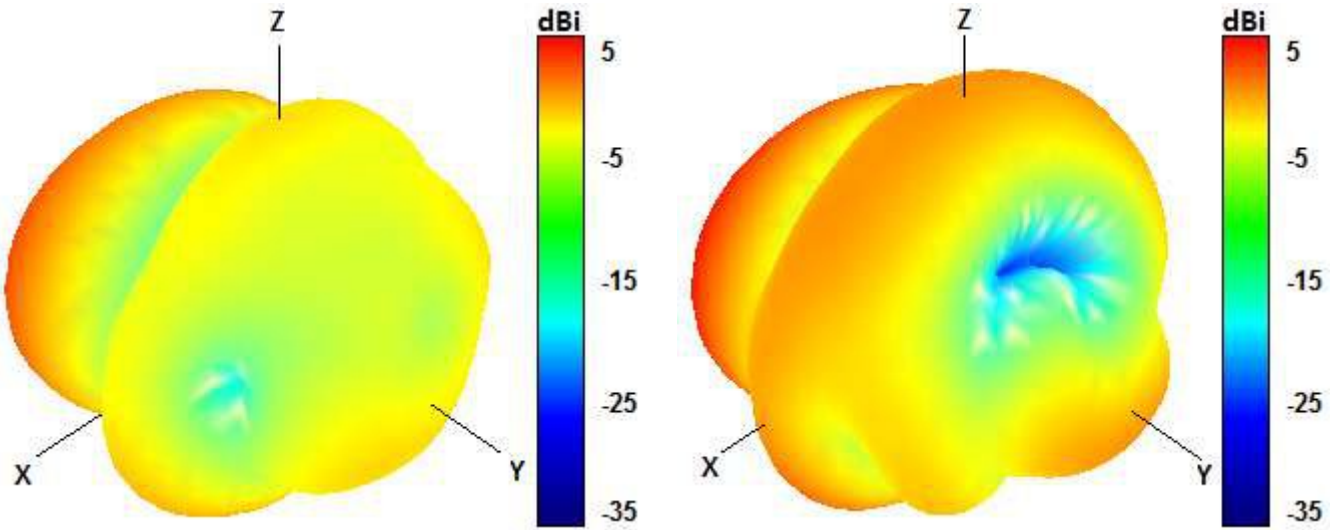




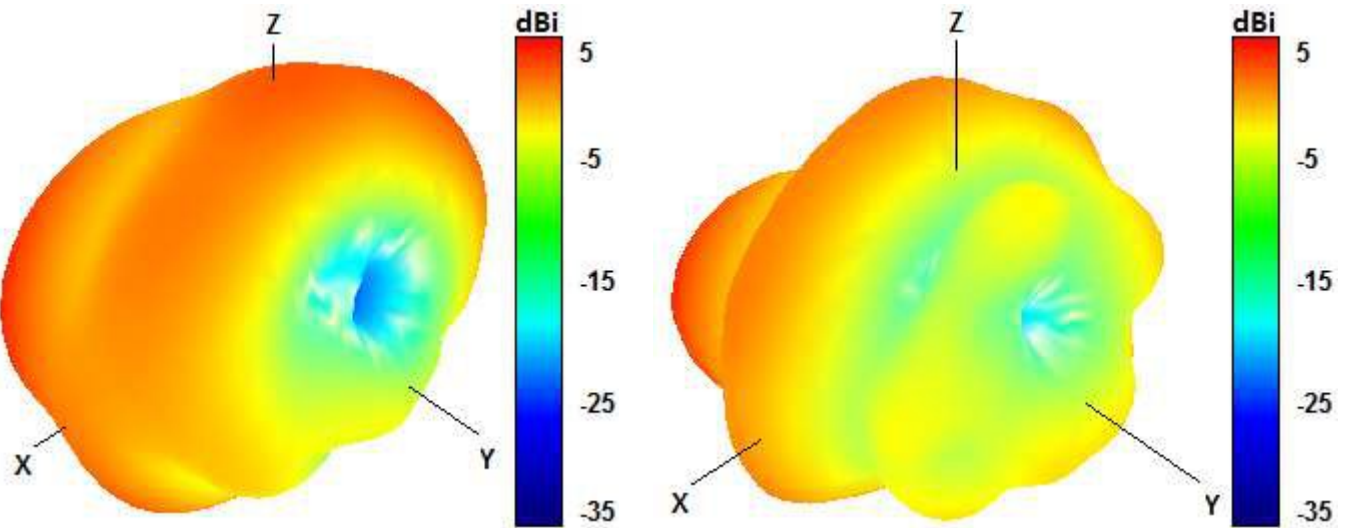


Radiation pattern reference



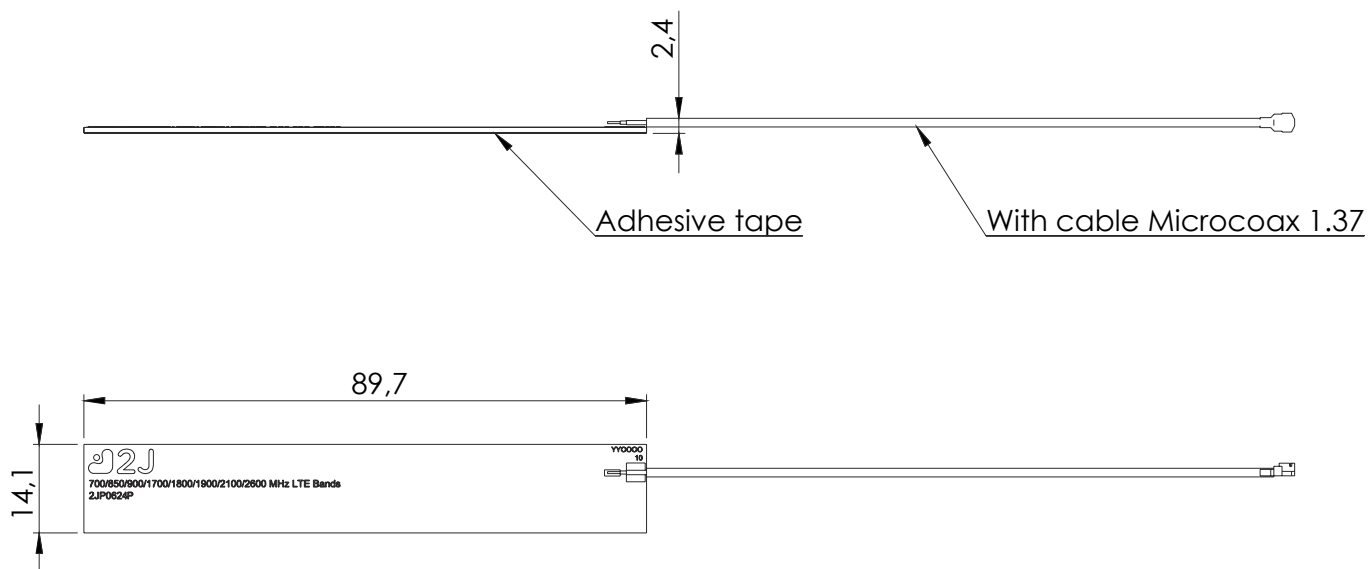


1850 and 1950 MHz Radiation pattern



2100 and 2600 MHz Radiation pattern

## 4. Antenna drawings





## 5. Antenna Images



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