

# 2J0B04-C884G

CELLULAR Connector Mount

## Key Features

### CELLULAR

- 824-960 MHz

- 1710-2170 MHz

Connector Mount

Low Profile

Ground Plane Dependent

Dimensions 44 x 19.1 x 9 mm



## 1. Antenna and electrical specifications

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>	~-8.6	~-9.4
<b>VSWR</b>	~2.2:1	~2.4:1
<b>Efficiency (%)</b>	~70.6	~56.4
<b>Peak Gain (dBi)</b>	~2.9	~1.8
<b>Average Gain (dB)</b>	~-1.5	~-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 (Right-Angle)	

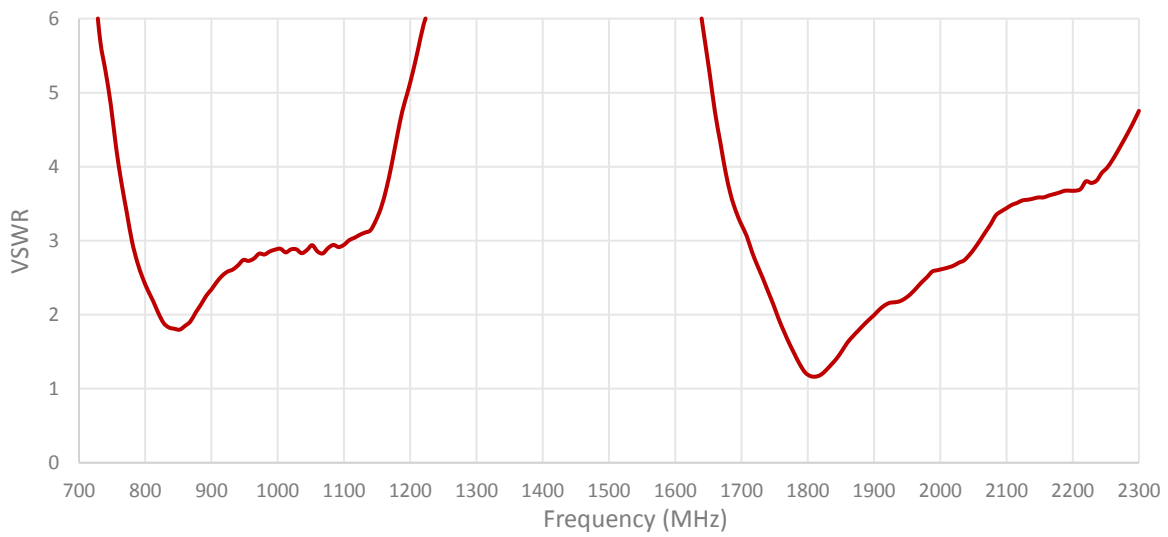
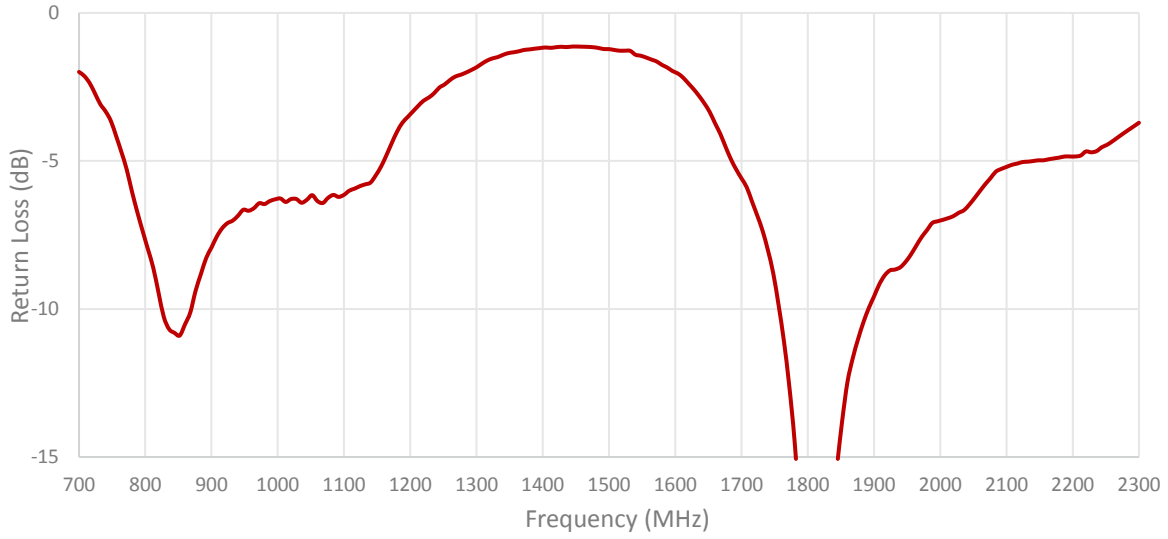
### Antenna Measurement Conditions:

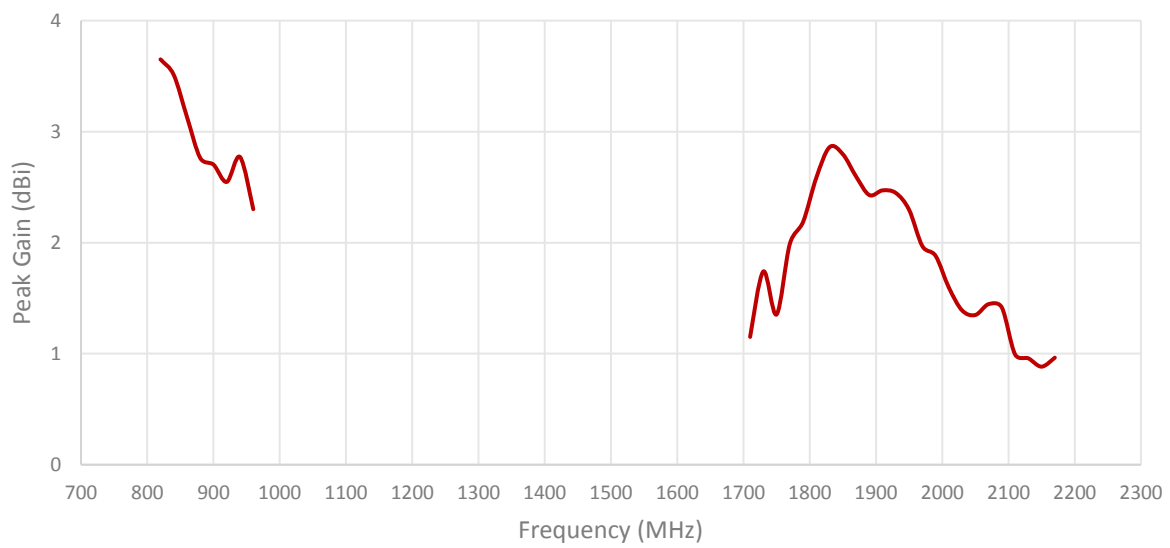
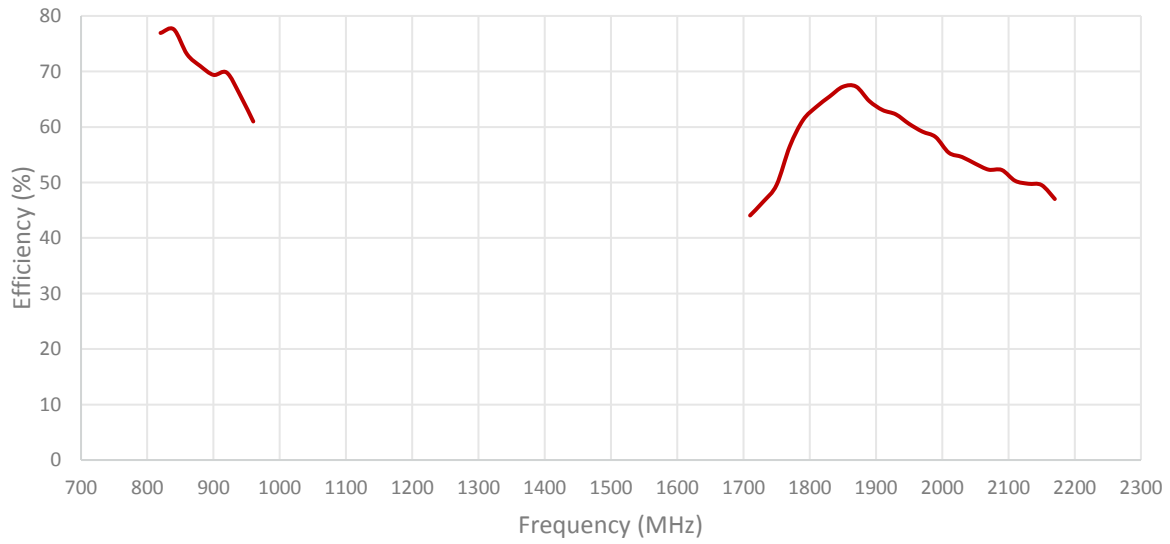
Mounted on Ground Plane of 95 x 40 mm  
 Measured in Certified CTIA 3D Anechoic Chamber

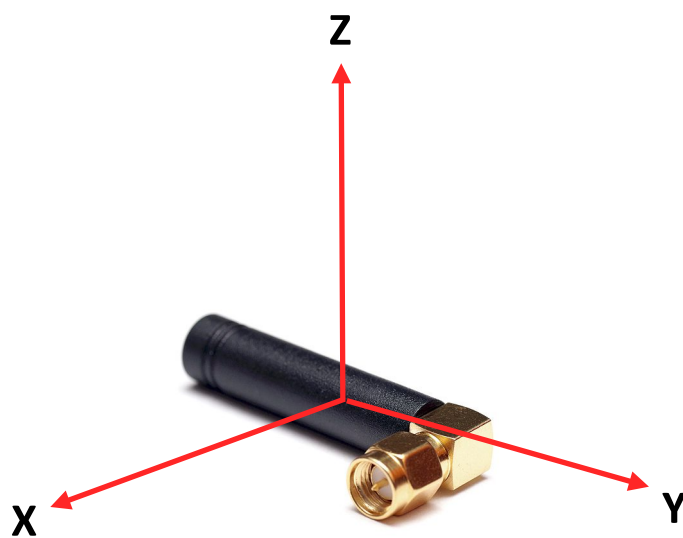
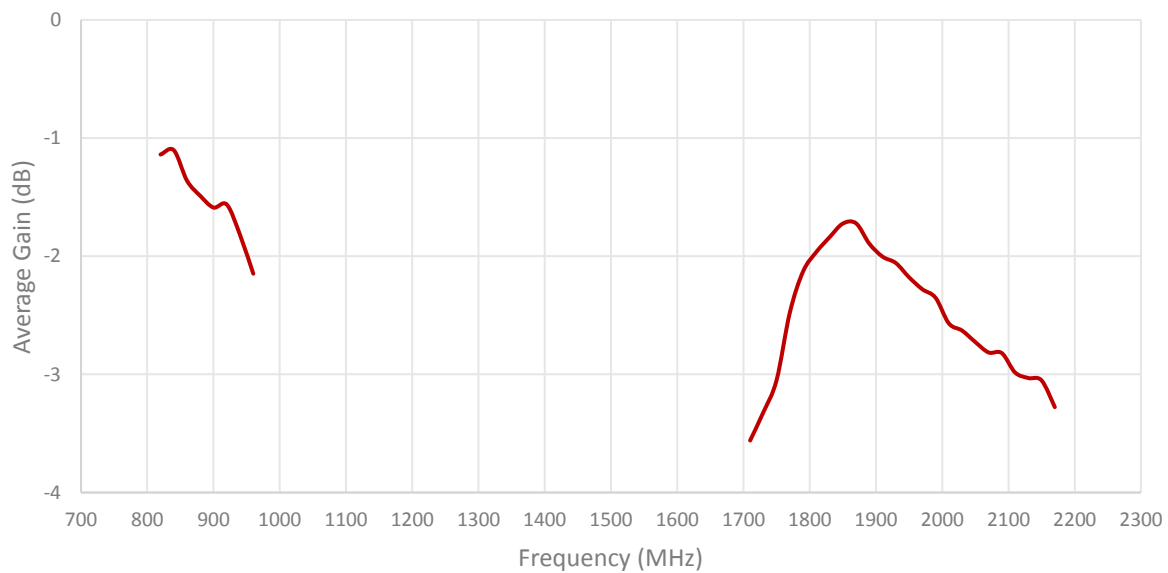
## 2. Mechanical and environmental specifications

Specifications	2J0B04-C884G
<b>Mounting Type</b>	Connector Mount
<b>Dimensions (mm)</b>	44 x 19.1 x 9
<b>Radome</b>	ABS UV Stable
<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

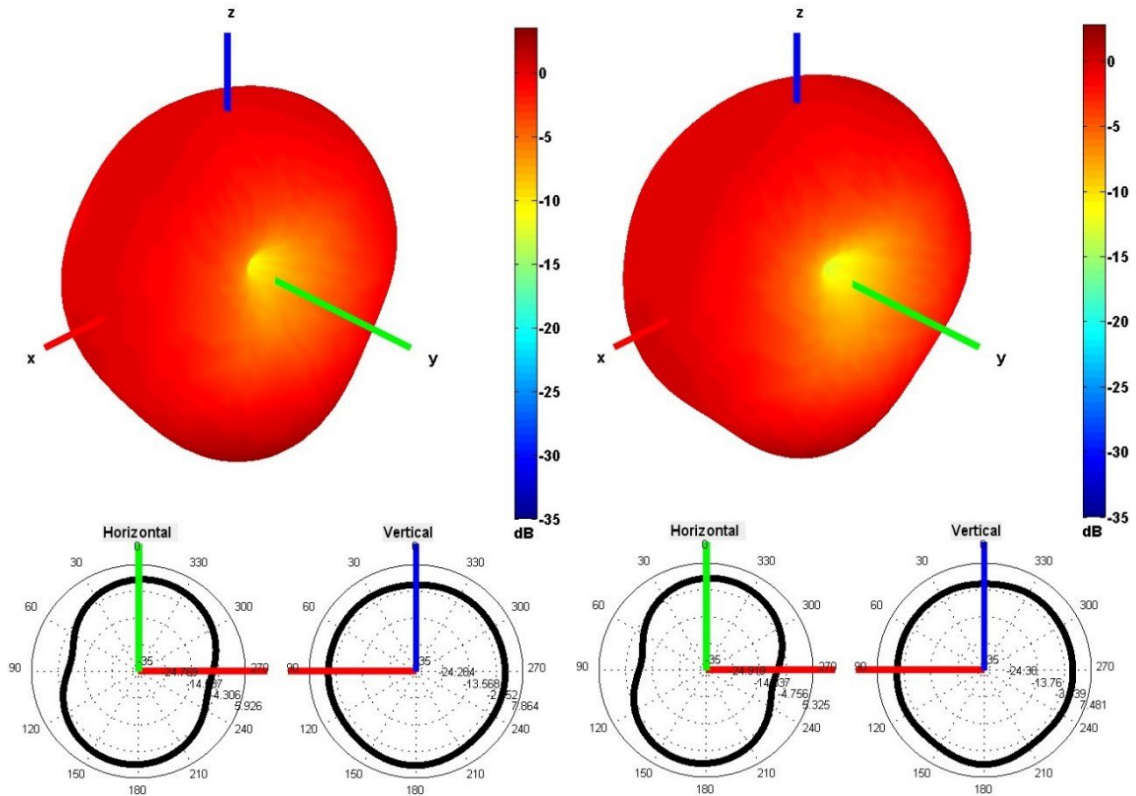
### 3. Antenna parameters



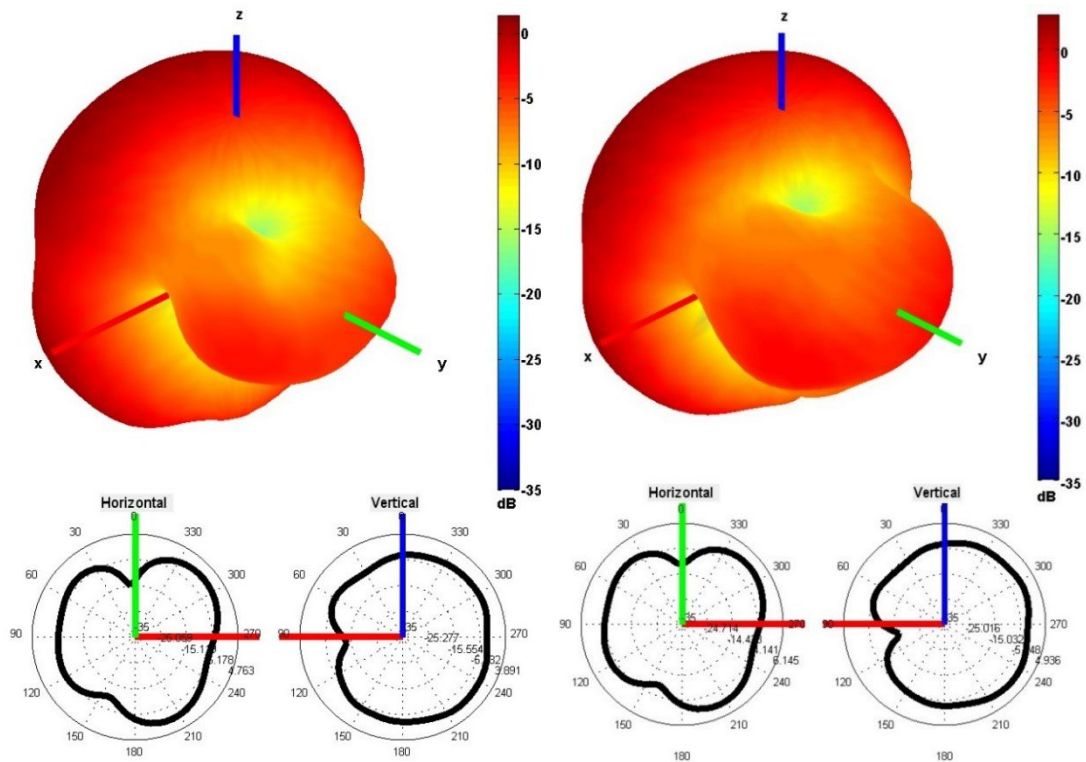




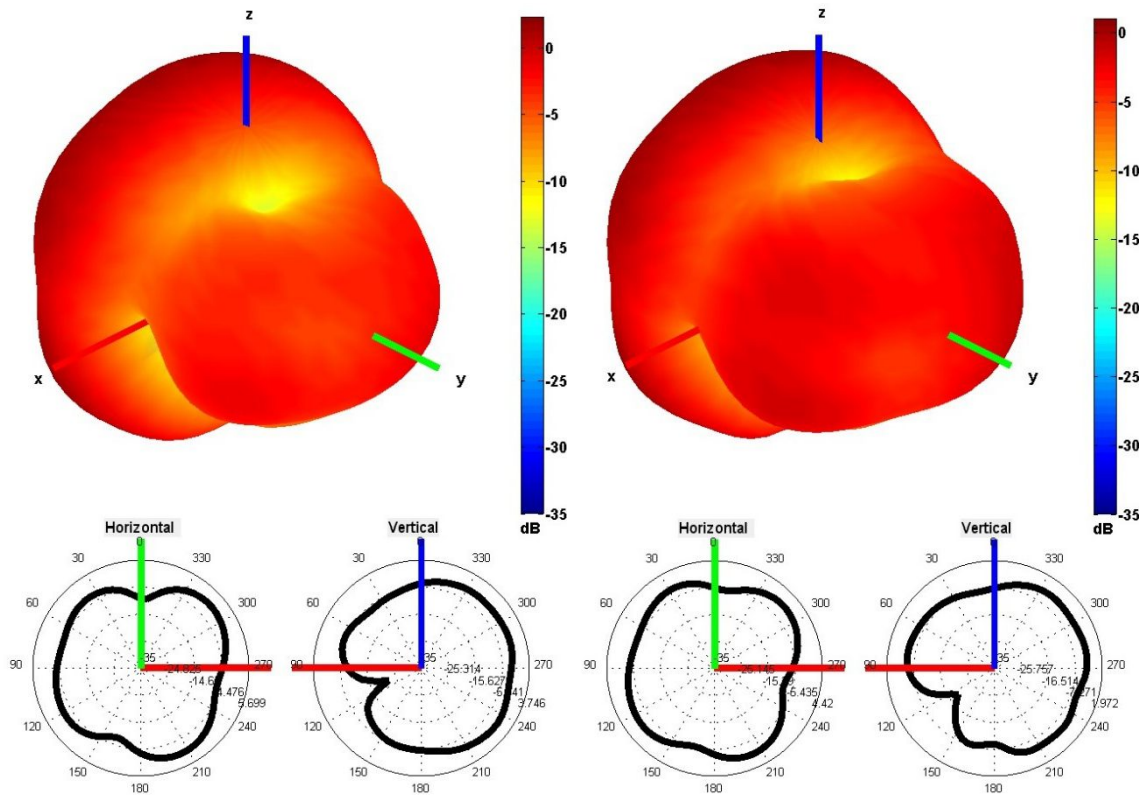
Radiation pattern reference



850 and 940 MHz Radiation pattern

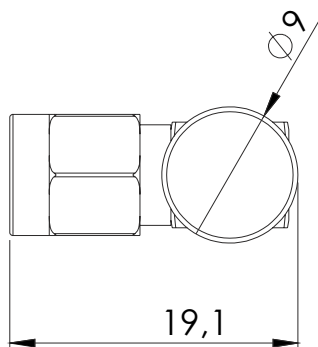
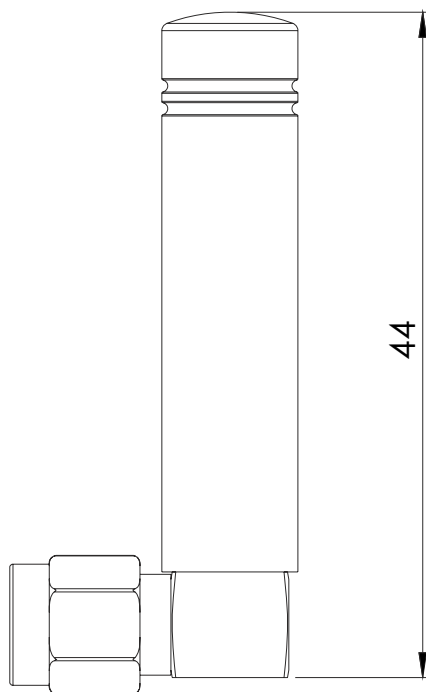


1750 and 1850 MHz Radiation pattern



1950 and 2100 MHz Radiation pattern

## 4. Antenna drawings





## 5. Antenna Images

