

## 2JW0304-C675B

### CELLULAR Connector Mount

#### Key Features

##### CELLULAR

- 824-960 MHz

- 1710-2170 Mhz

Connector Mount

Low Profile

Ground Plane Independent

Hinged Connector

Dimensions 10 x 113 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>	~-9.5	~-13.9
<b>VSWR</b>	~2.1:1	~1.6:1
<b>Efficiency (%)</b>	~30	~59
<b>Peak Gain (dBi)</b>	~-1.3	~-2.0
<b>Average Gain (dB)</b>	~-5.2	~-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	

### Antenna Measurement Conditions:

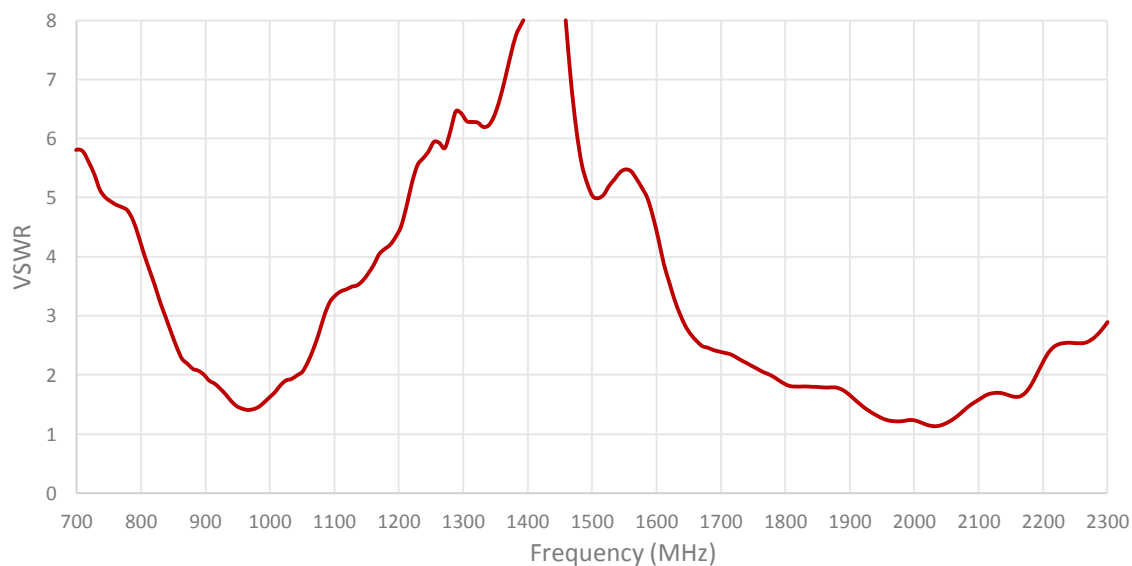
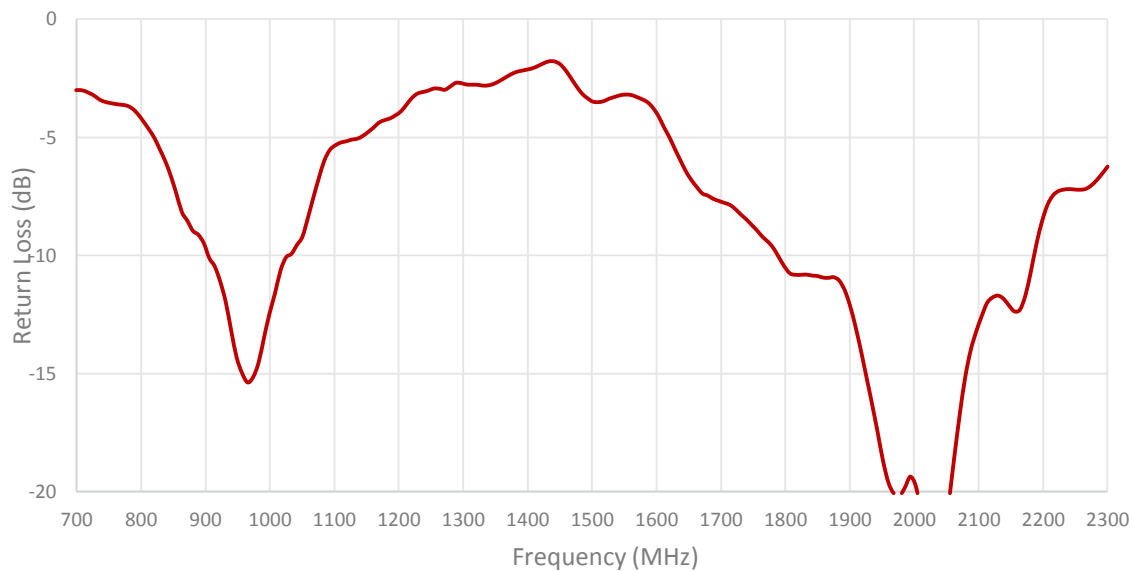
Mounted on Ground Plane of 95 x 40 mm

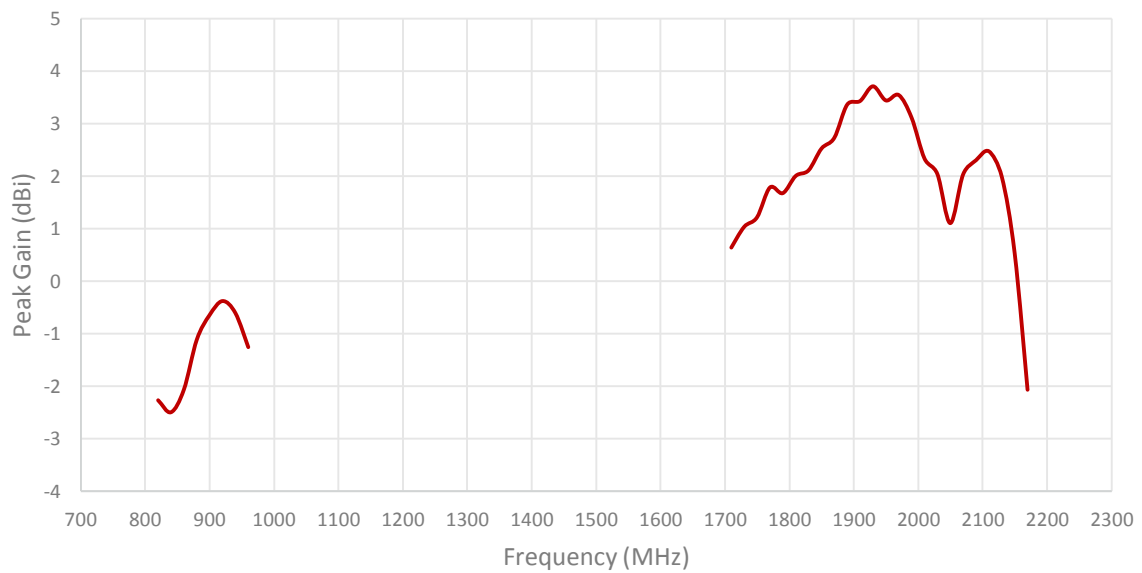
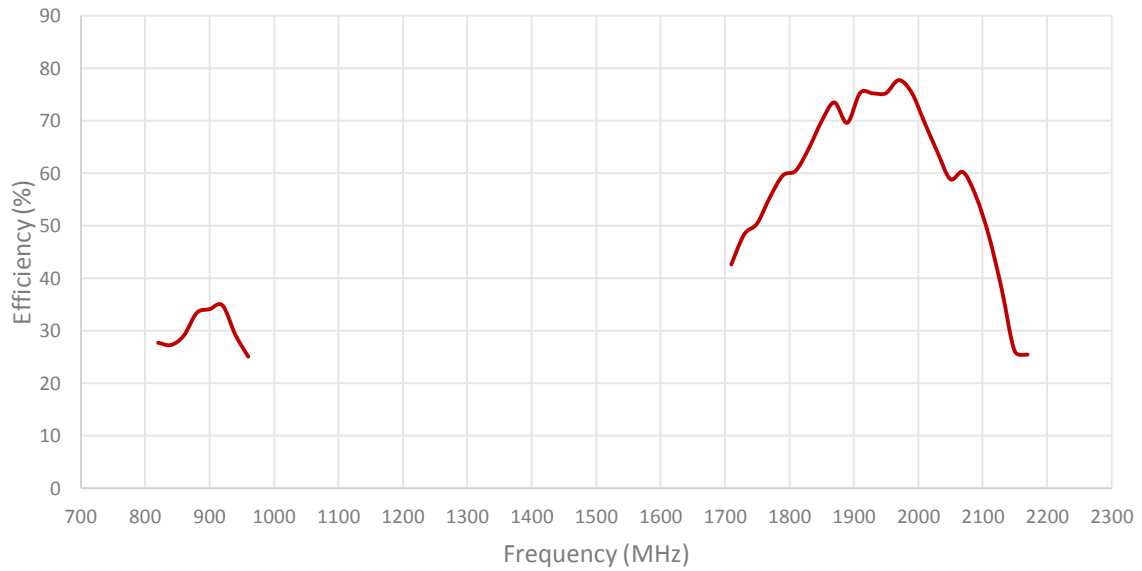
Measured in Certified CTIA 3D Anechoic Chamber

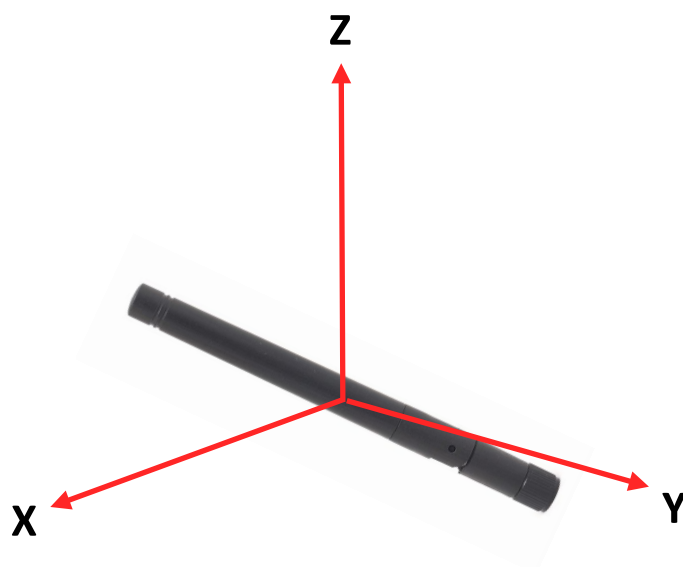
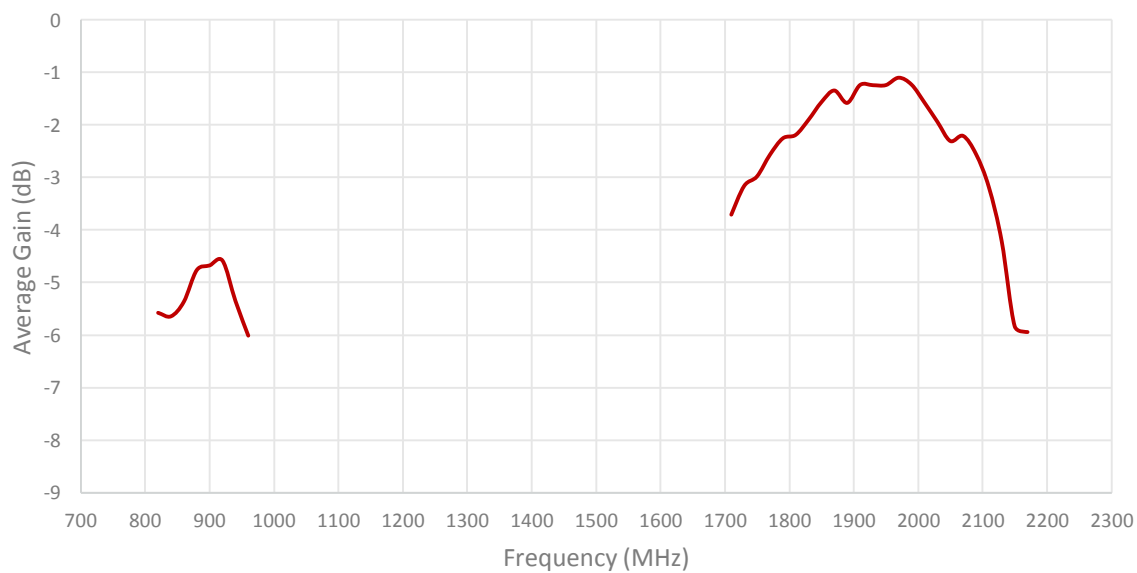
## 2. Mechanical and environmental specifications

Specifications	2JW0304-C675B
<b>Mounting Type</b>	Connector Mount
<b>Dimensions (mm)</b>	10 x 113
<b>Radome</b>	ABS UV Stable
<b>Radome color</b>	Black
<b>Connector Feature</b>	Hinged
<b>Operating Temperature (C)</b>	-40 to +85
<b>Storage Temperature (C)</b>	-40 to +85
<b>Substance Compliance</b>	RoHS

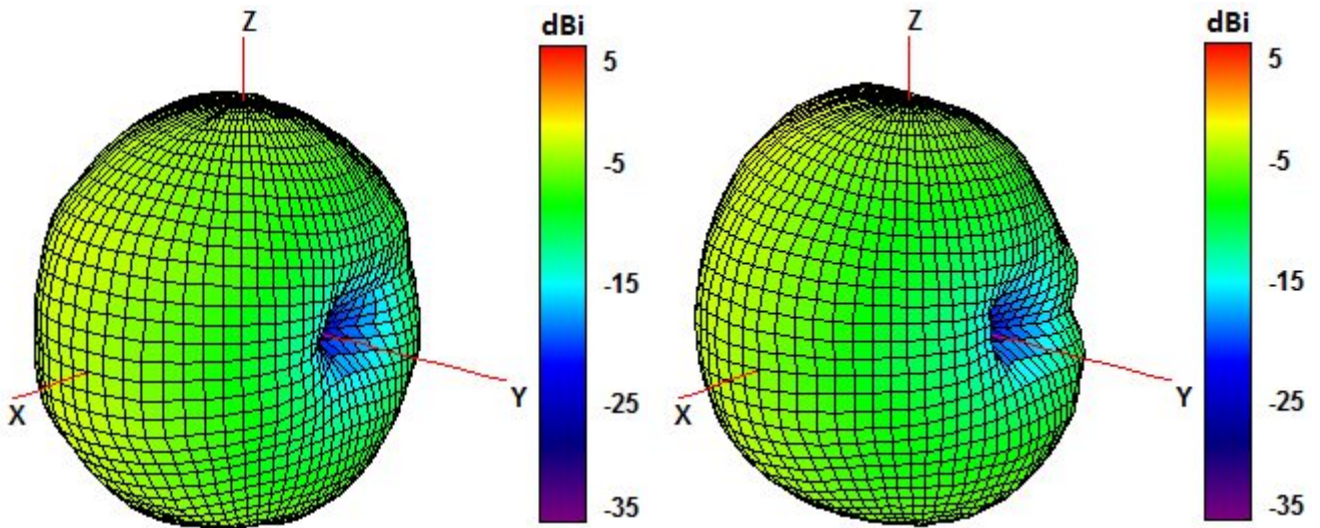
### 3. Antenna parameters



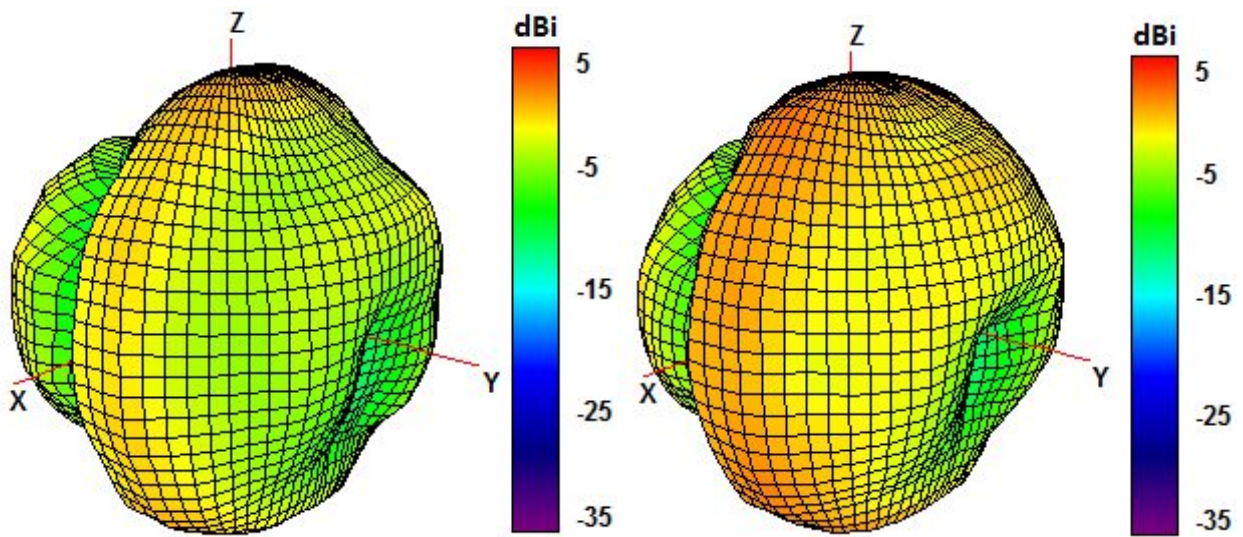




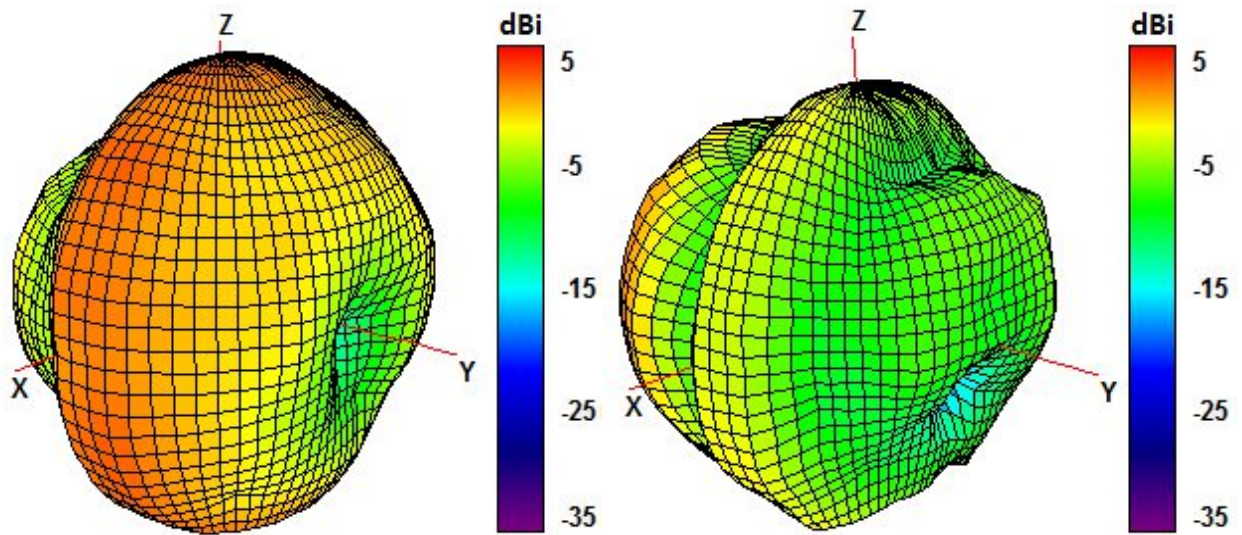
Radiation pattern reference



850 and 940 MHz Radiation pattern

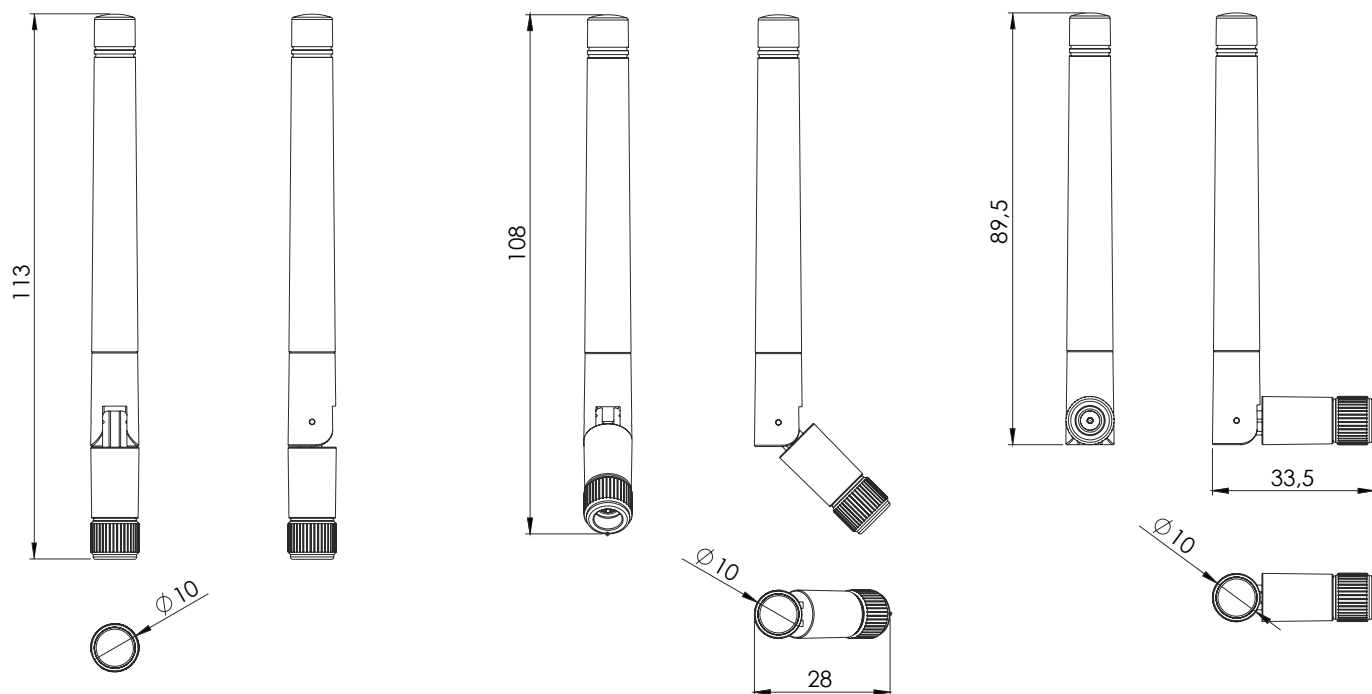


1750 and 1850 MHz Radiation pattern



1950 and 2100 MHz Radiation pattern

## 4. Antenna drawings





## 5. Antenna Images



## X-ON Electronics

Largest Supplier of Electrical and Electronic Components

*Click to view similar products for [Antennas](#) category:*

*Click to view products by [2J](#) manufacturer:*

Other Similar products are found below :

[GAN30084EU](#) [930-033-R](#) [GW17.07.0250E](#) [1513563-1](#) [EXE902SM](#) [APAMPG-117](#) [MAF94383](#) [W3908B0100](#) [W6102B0100](#) [YE572113-30RSMM](#) [108-00014-50](#) [66089-2406](#) [SPDA17RP918](#) [A09-F8NF-M](#) [A09-F5NF-M](#) [RGFRA1903041A1T](#) [W3593B0100](#) [W3921B0100](#) [SIMNA-868](#) [SIMNA-915](#) [SIMNA-433](#) [W1044](#) [W1049B090](#) [A75-001](#) [WTL2449CQ1-FRSMM](#) [CPL9C](#) [EXB148BN](#) [0600-00060](#) [TRA9020S3PBN-001](#) [GD5W-28P-NF](#) [MA9-7N](#) [GD53-25](#) [GD5W-21P-NF](#) [C37](#) [MAF94051](#) [MA9-5N](#) [EXD420PL](#) [B1322NR](#) [QWFTB120](#) [MAF94300](#) [GPSMB301](#) [FG4403](#) [AO-AGSM-OM54](#) [5200232](#) [MIKROE-2349](#) [WCM.01.0111](#) [MIKROE-2393](#) [MIKROE-2352](#) [MIKROE-2350](#) [5200227](#)