

2J0B04-C885G

CELLULAR Connector Mount

Key Features

CELLULAR

- 824-960 MHz

- 1710-2170 MHz

Connector Mount

Low Profile

Ground Plane Dependent

Dimensions 48 x Ø 9 mm



1. Antenna and electrical specifications

Parameters	CELLULAR Antenna	
Standards	2G and 3G	
Band (MHz)	850/900	1700/1800/1900/2100
Frequency (MHz)	824-960	1710-2170
Return Loss (dB)	~-7.8	~-9.5
VSWR	~2.4:1	~2.6:1
Efficiency (%)	~68.3	~50.1
Peak Gain (dBi)	~2.9	~1.7
Average Gain (dB)	~-1.7	~-3.2
Impedance (Ohm)	50	
Polarisation	Linear	
Radiation Pattern	Omni-Directional	
Max. Input Power (W)	25	
Connector Type	SMA-Male Standard	

Antenna Measurement Conditions:

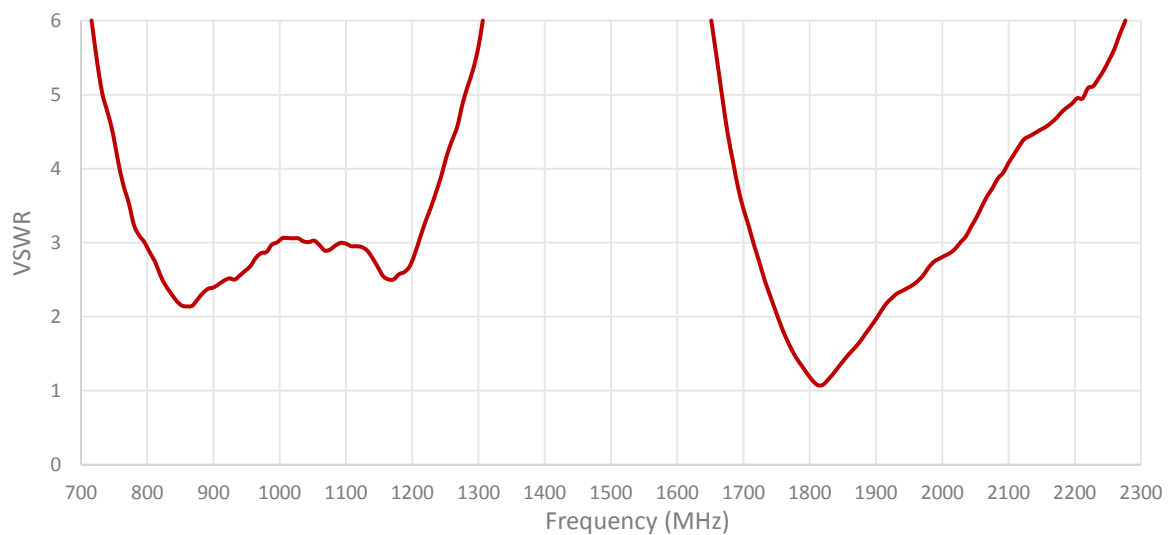
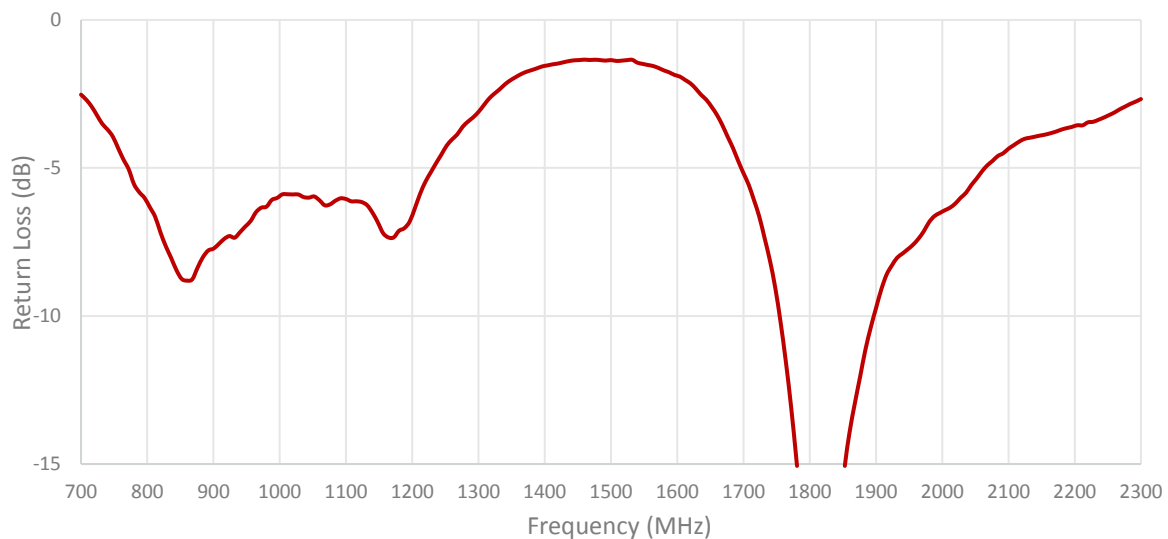
Mounted on Ground Plane of 95 x 40 mm

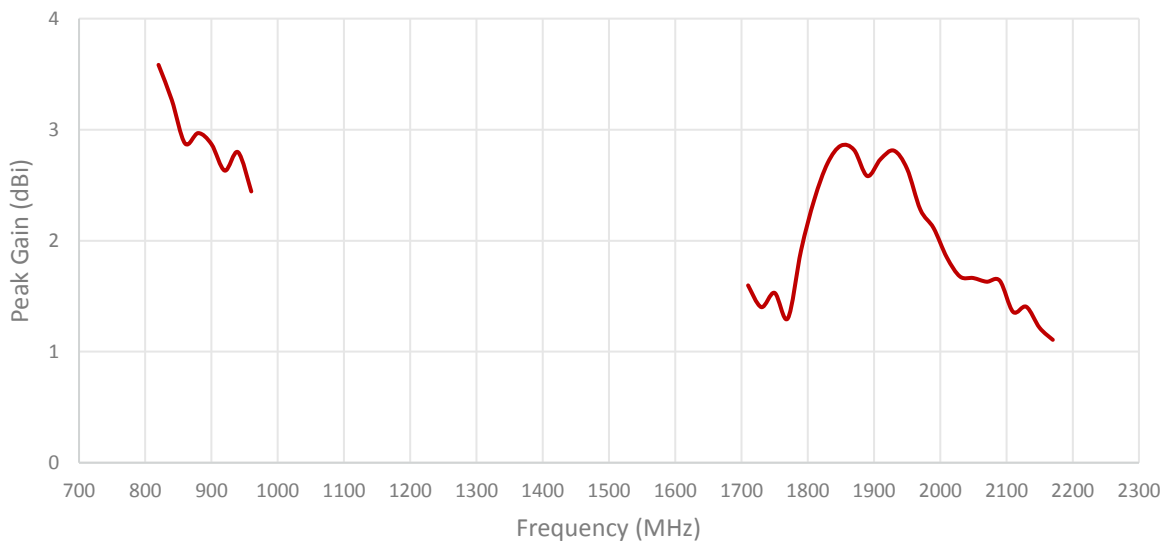
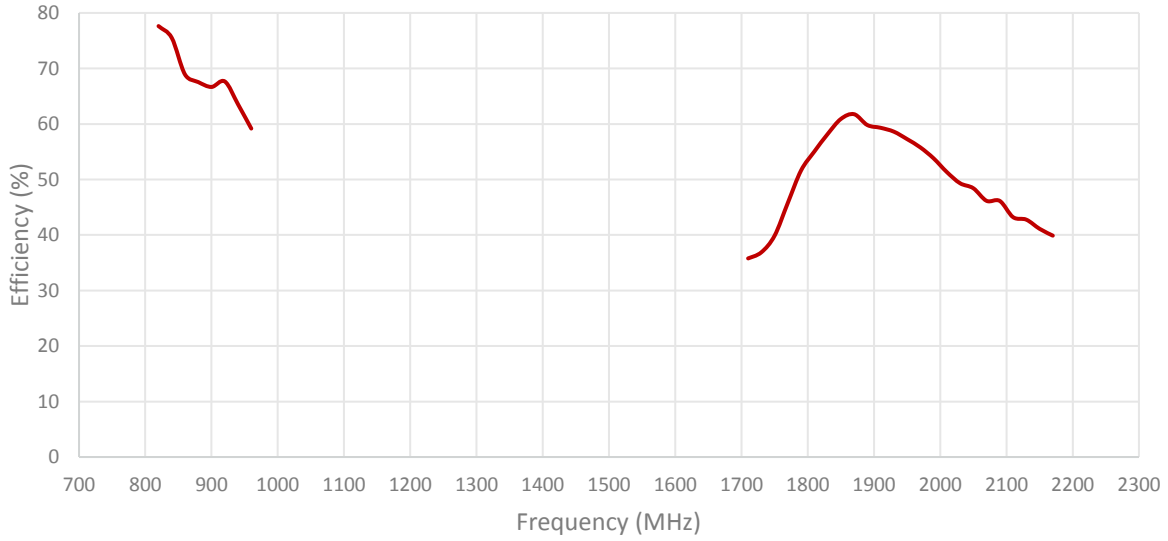
Measured in Certified CTIA 3D Anechoic Chamber

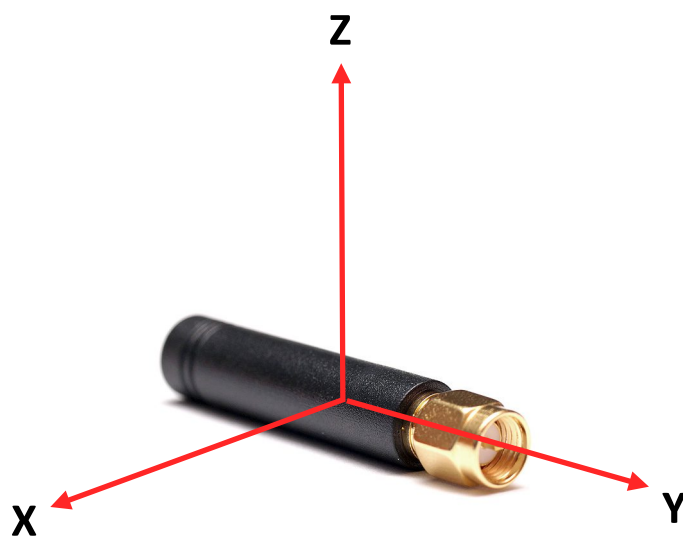
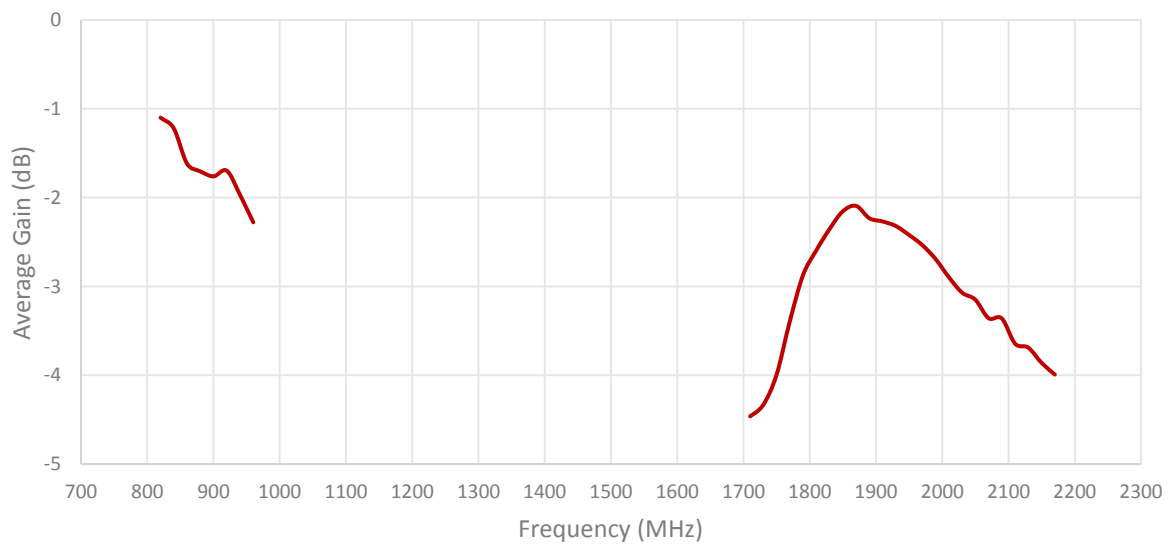
2. Mechanical and environmental specifications

Specifications	2J0B04-C885G
Mounting Type	Connector Mount
Dimensions (mm)	48 x Ø 9
Radome	ABS UV Stable
Radome color	Black
Operating Temperature (C)	-40 to +85
Storage Temperature (C)	-40 to +85
Substance Compliance	RoHS

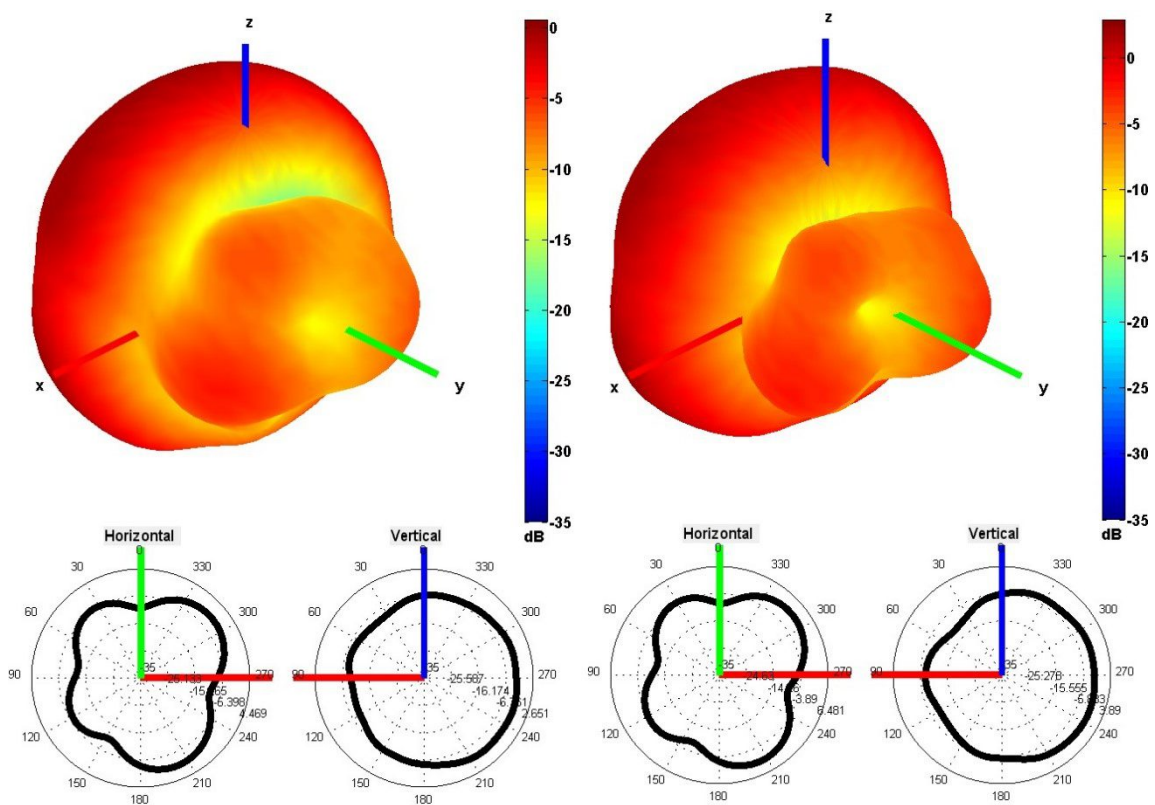
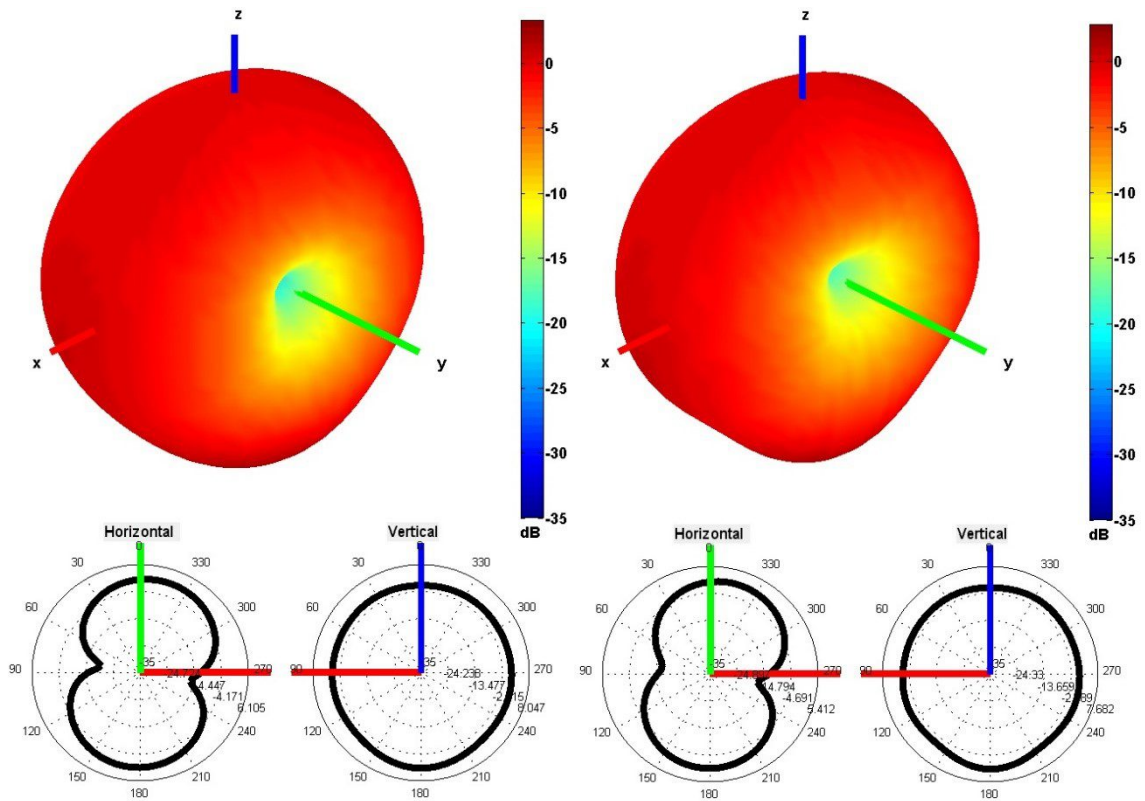
3. Antenna parameters

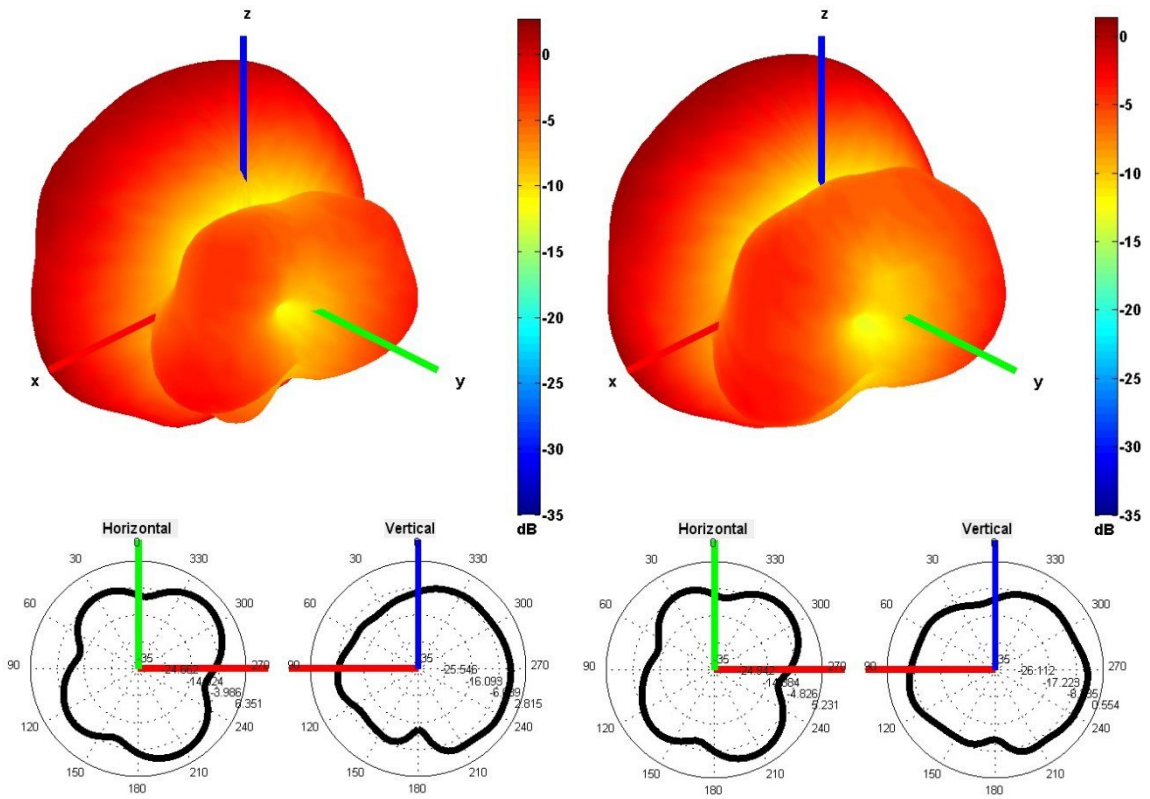






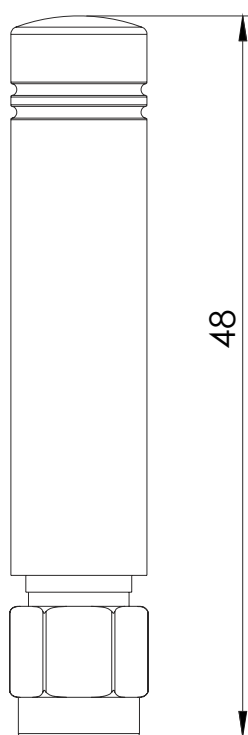
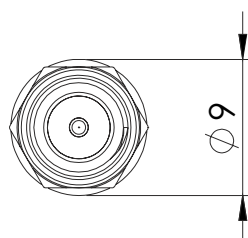
Radiation pattern reference





1950 and 2100 MHz Radiation pattern

4. Antenna drawings



5. Antenna Images

