

MA-ANT-C1-B

MG Cellular Patch Antenna



Overview

The Cellular Patch Antenna (MA-ANT-C1-B) is ideal for situations that require higher directional gain towards a cellular tower. When mounted high up on a pole for a clearer line of site toward a cellular tower, the MG cellular gateway will have higher signal quality and power.

MA-ANT-C1-A specifications

Electrical

Antenna type: Narrow Patch

Frequency range:
700 (698 - 791) MHz
960 (824 - 960) MHz
2170 (1710 - 2170) MHz
2690 (2570 - 2690) MHz

Gain (per range):
700 @ 4dBi
960 @ 4dBi
2170 @ 8dBi
2690 @ 7dBi

Linear, Horizontally (left) and Vertically (right)

Beamwidth (horizontal): 60°

Beamwidth (vertical): 60°

Cables

Length: 100cm

Mounting

Mounts to walls and poles

Physical and Environmental:

Dimensions: 220mm x 220mm x 46mm

Weight: 550g

Material: PC-ABS

Temperature: -40°C to +85°C (-40°F to 185°F)

Humidity: 95% at 55°C (131°F)

Connector: RP-SMA

Warranty

1 year hardware warranty included

Ordering info

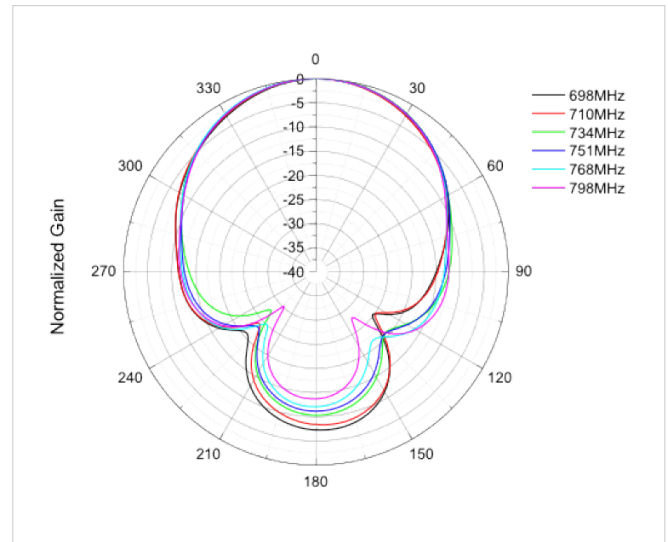
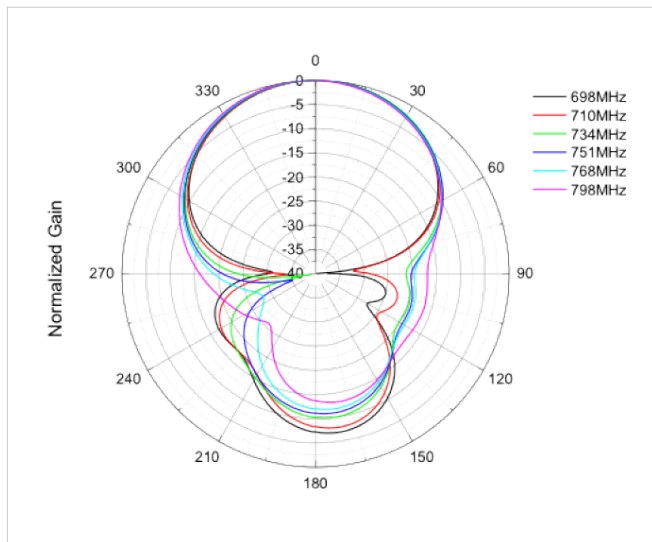
MA-ANT-C1-B (works with MG21E only)

Regulatory

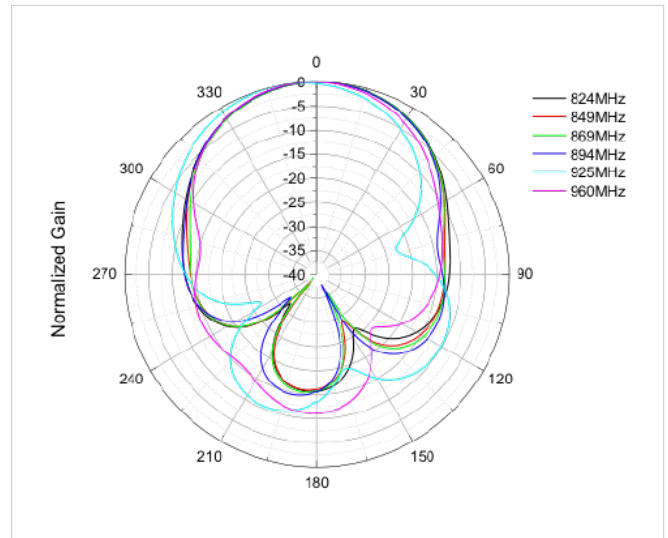
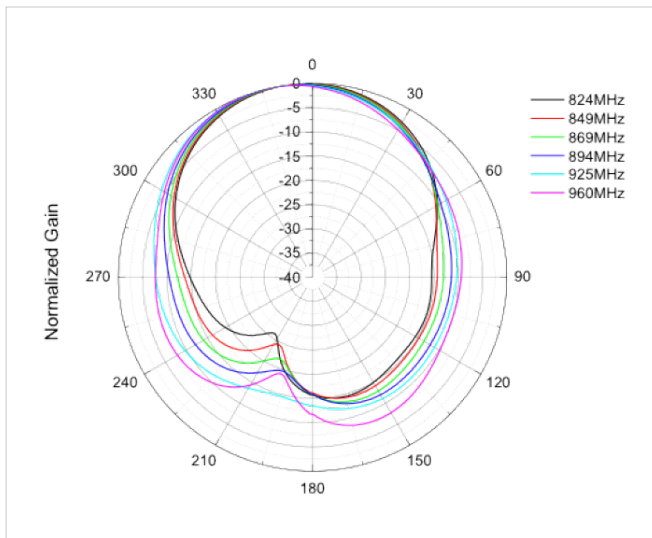
Certified for use with the MG21E: MA-ANT-C1-B

Radiation patterns

H-Port (Left, port 2): H-plane & V-plane - 700 (698 - 791) MHz

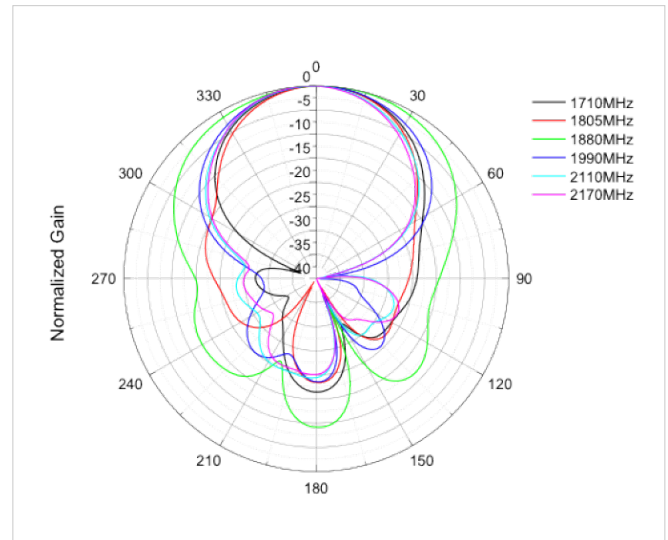
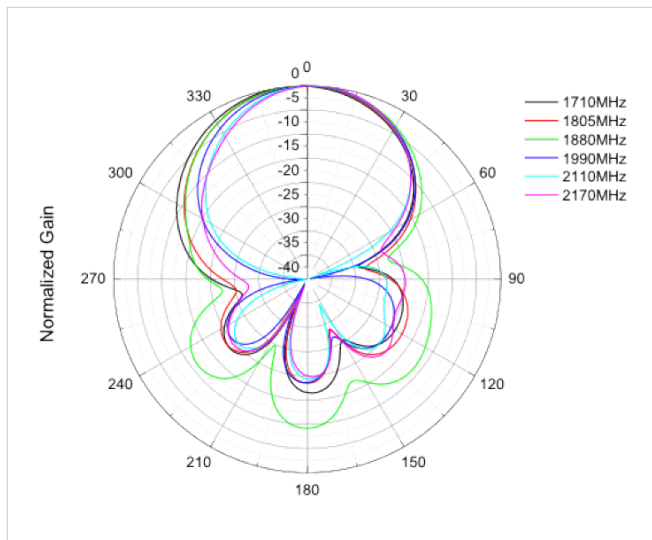


H-Port (Left, port 2): H-plane & V-plane - 960 (824 - 960) MHz

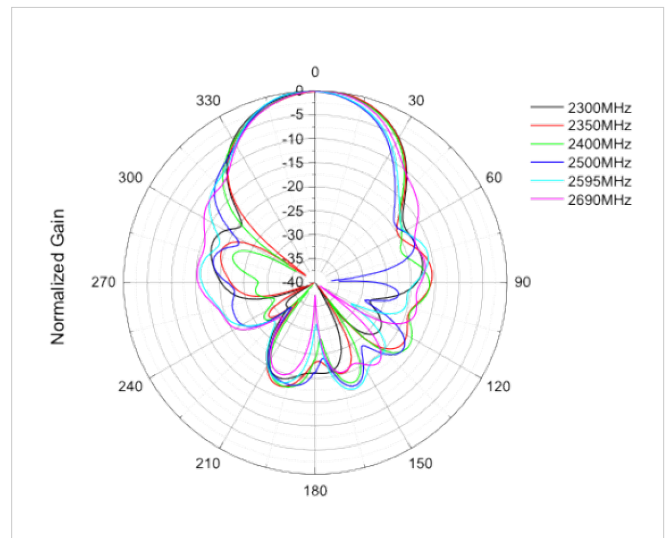
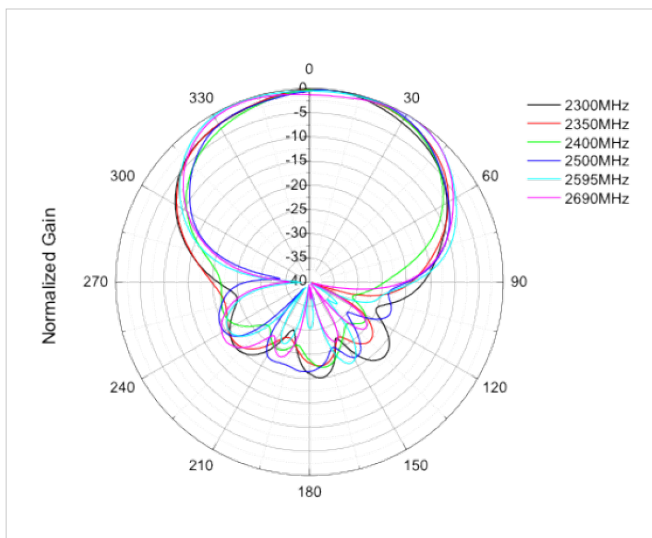


Radiation patterns

H-Port (Left, port 2): H-plane & V-plane - 2170 (1710 - 2170) MHz

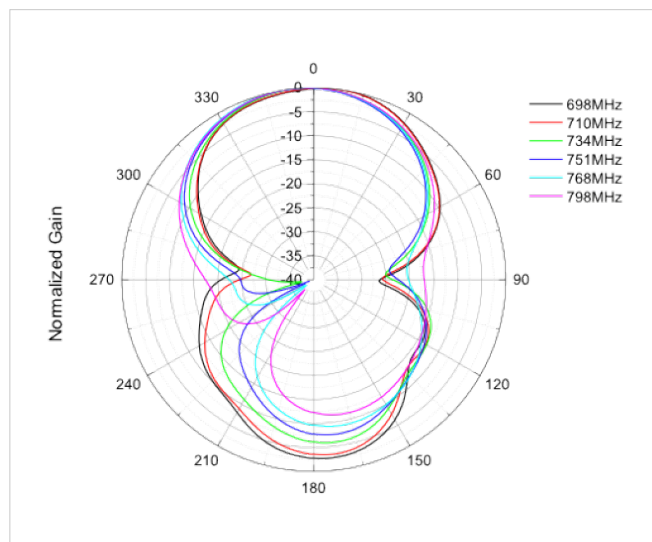
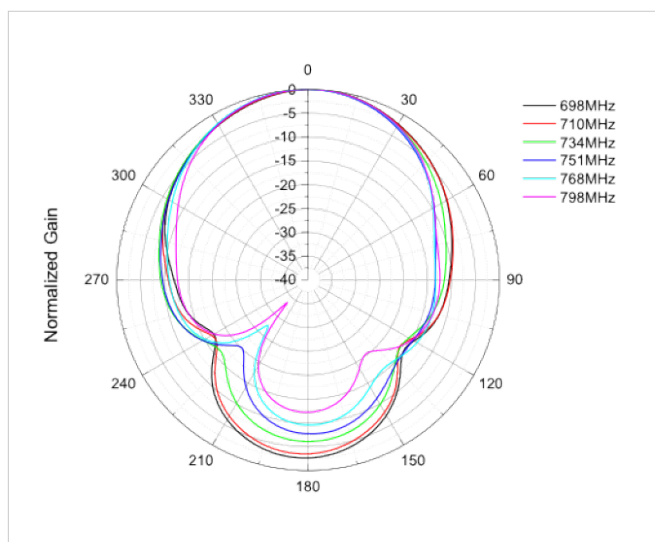


H-Port (Left, port 2): H-plane & V-plane - 2690 (2570 - 2690) MHz

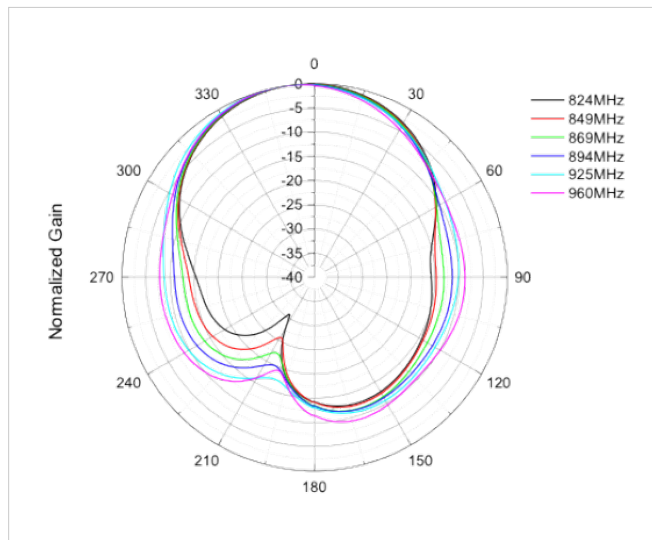
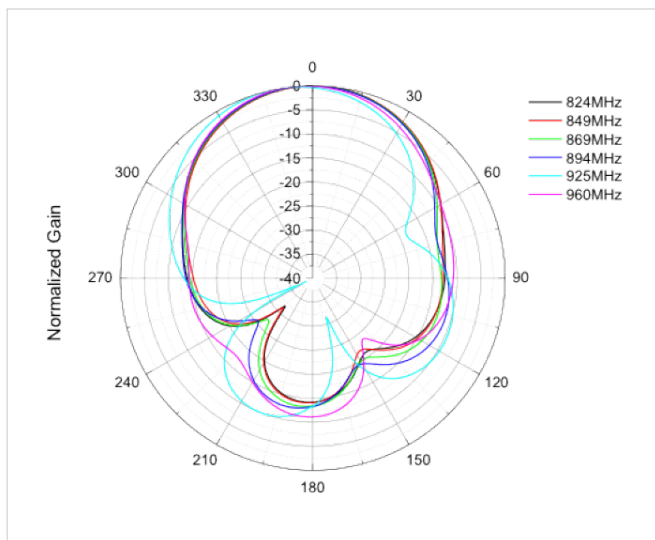


Radiation patterns

V-Port (Right, port 1): H-plane & V-plane - 700 (698 - 791) MHz

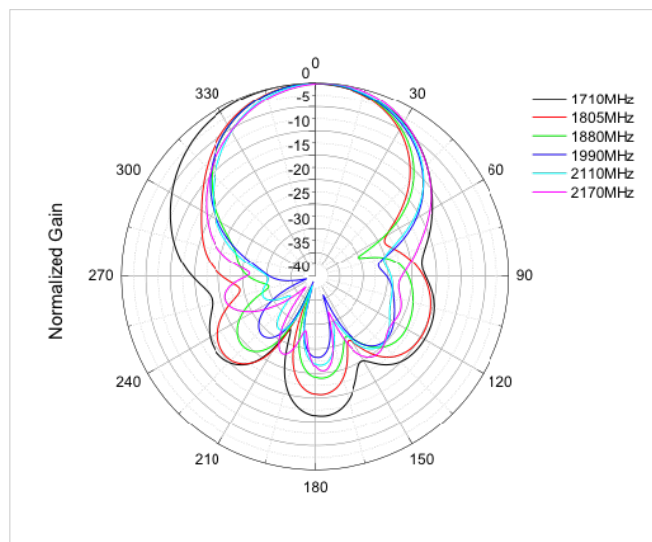
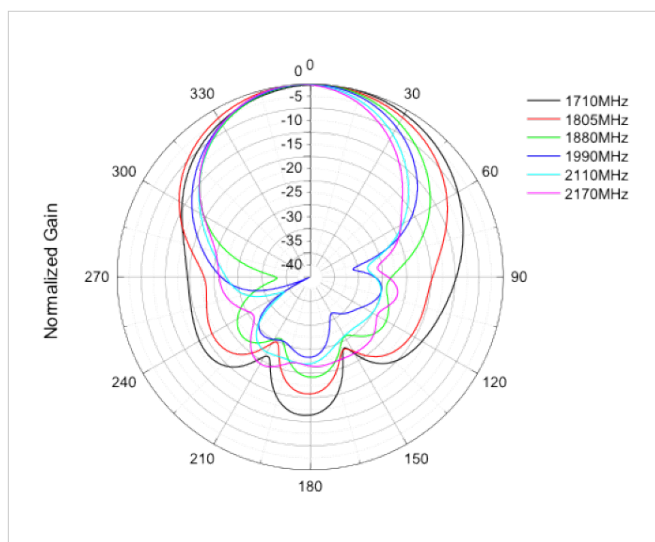


V-Port (Right, port 1): H-plane & V-plane - 960 (824 - 960) MHz



Radiation patterns

V-Port (Right, port 1): H-plane & V-plane - 2170 (1710 - 2170) MHz



V-Port (Right, port 1): H-plane & V-plane - 2690 (2570 - 2690) MHz

