

Cellular Antenna

TAMP141

4G LTE / 5G Ultra Broadband Omni Antenna

Features and Benefits

- **External Antenna with Hinge Covering All 4G/5G Sub6 Bands with high Performance**
- Antenna Size: 196.7 mm x 36 mm x Φ 13 mm
- Connector : SMA (male)
- Color : Black / White
- Operating Frequency Bands
 - 617~960Mhz
 - 1447~2690Mhz
 - 3300~5925Mhz
- High Efficiency up to 76%
- Peak Gain: -1 ~ 6 dBi
- RoHS Compliance



INTRODUCTION

The TAMP141 is an ultra wideband omnidirectional external antenna with high performance, covering the entire 4G LTE and 5G Sub6 frequency bands. It can be used for connecting wireless communication devices such as Consumer Premise Equipment (CPE) or various IoT applications, sensors, trackers, and smart devices to the mobile network.

APPLICATION

Any wireless device using 4G and/or 5G Sub6 frequency bands operating in any region throughout the world.

The TAMP141 performs especially well in the lower 600 MHz bands where newer sub6 5G bands operate.

Example Uses – Wireless Routers, Gateways, CPEs, Automotive devices, IoT devices, etc,

Performance

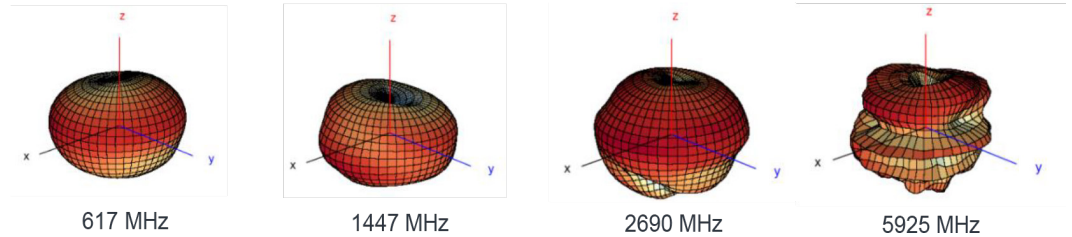
Gain and Efficiency

Frequency [MHz]	617	960	1447	2690	3300	4400	5000	6925
Efficiency [%]	41.9	46.4	67.4	68.1	76.4	64.3	49.1	54.3
Peak Gain [dBi]	-1.21	-0.01	2.22	1.55	6.39	3.18	2.66	2.16
Impedance	50 Ω							
Polarization	Vertical Polarization							
Directivity	Omnidirectional							

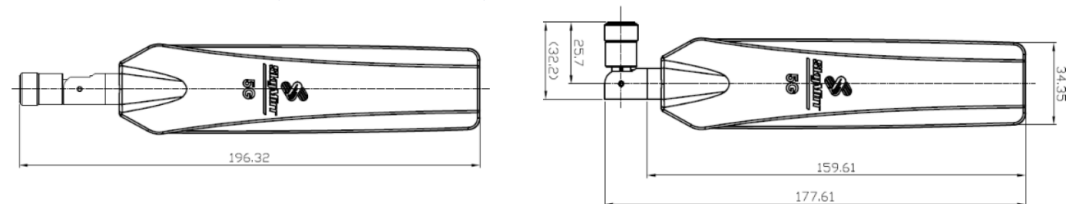
VSWR



Radiation Pattern



Dimension (unit: mm)



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