

WPANT10024

3G Cellular Embedded Antenna



WPANT10024-SC

5.7" micro co-ax with Hirose W.FL

WPANT10024-S2A

14" micro co-ax with IPX MHF

Note: Different cable and connector style requests can be accommodated.

Application

This is a plug and play antenna for cellular devices. This antenna comes with a standard 3M double stick tape on the back for easy installation.

We can assist your engineers to optimize mounting positions for these antennas in your specific application and can further assist to trouble shoot system integration issues such as TRP/TIS and FCC requirements. We specialize in developing customized Antenna solutions. Please contact sales@worldproducts.com with your specific application requirements.

Electrical Properties

Operating Frequency	824 – 894 MHz	1850 – 1990 MHz
Approximate Antenna Impedance [Ω]	50 Ω	50 Ω
VSWR – Typical	< 2:1	< 2:1
Peak Gain [dBi] (Typical)	3 dBi	3 dBi
Efficiency [%] (Typical)	60 %	60 %
Polarization	Linear	Linear
Pattern	Near Omni Directional	Near Omni Directional

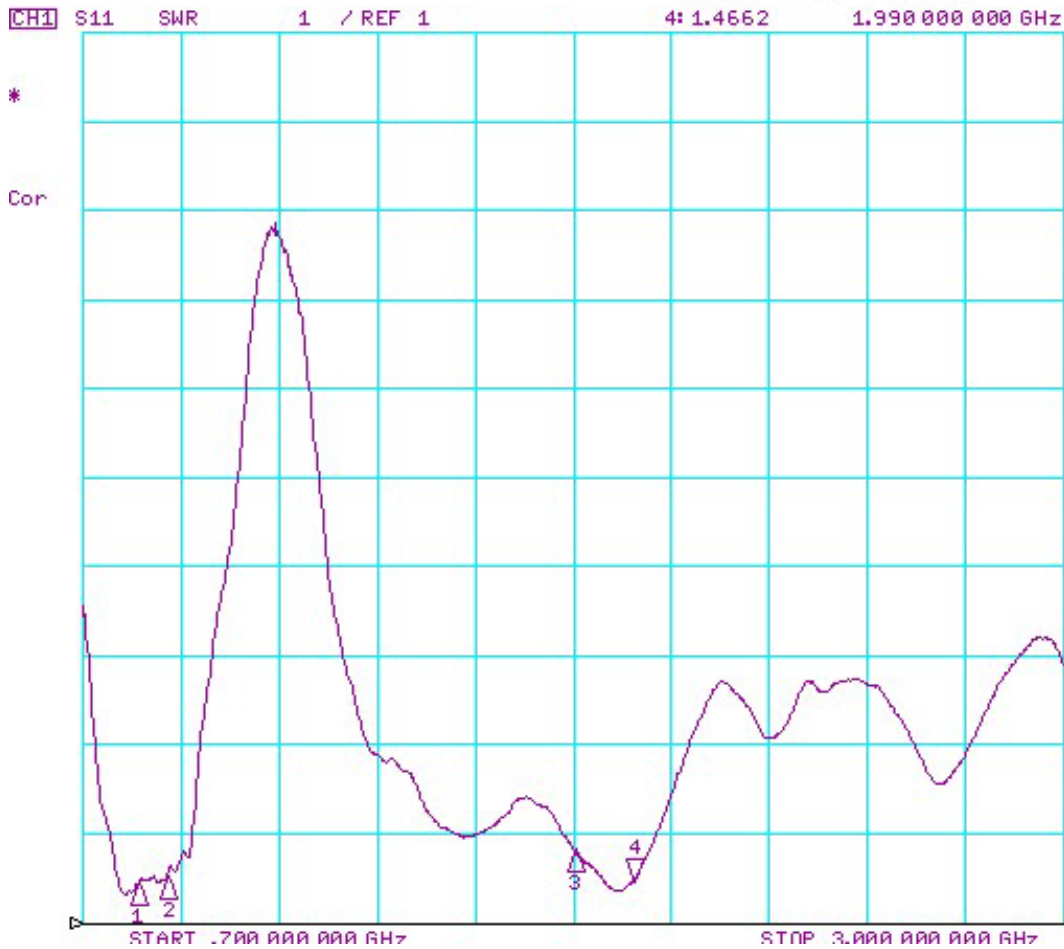
Mechanical / Environmental Properties

Antenna Dimensions	2.63" x 1.55" x 0.031" (66.8mm x 39.35mm x 0.78mm)
Antenna Color	Black
Operating / Storage Temperature	-40°C to +125°C
Environmental	Meets standards for UL 94V-0
Hazardous Materials	RoHS Compliant

Pictures



VSWR



CH1 Markers

1: 1.4109
824.000 MHz
2: 1.5669
894.000 MHz
3: 1.8121
1.85000 GHz