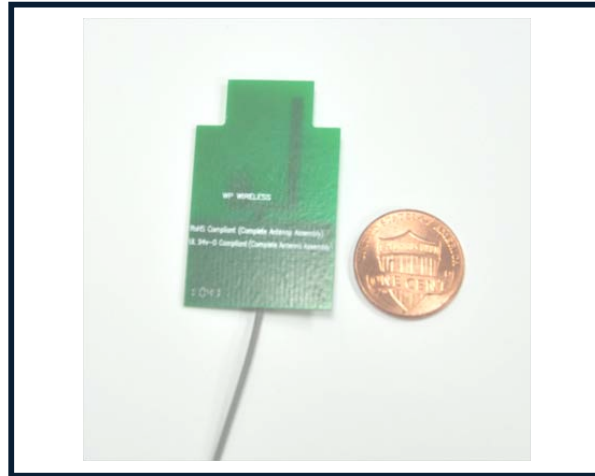




**Picture of the Part**



**Application**

This is a 2.4 GHz & 5.4 GHz Dual-band Wi-Fi antenna with 400mm long Cable and IPEX/Hiroshe Connector. This can be mounted on any non metallic surface to achieve optimal performance. Excellent efficiency and ease of integration make this an ideal choice for applications where flexibility is needed. The Antenna is typically pasted to the surface of the radome/plastics of a given wireless device.

WP Wireless 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. WP Wireless specializes in developing customized Antenna solutions. Please contact [sales@wp-wireless.com](mailto:sales@wp-wireless.com) with your specific application requirements.

**Electrical Properties**

Parameter	Antenna Performance	
Operating Frequency [MHz]	2.4 – 2.5 GHz	4.9 – 5.85 GHz
Recommended Impedance of the customer Radio Module[Ω]	50Ω	50Ω
VSWR - Typical	<2:1	<2:1
Peak Gain [dBi] (Typical)	3-3.5 dBi	0-2 dBi
Efficiency [%] (Typical)	60-70%	65-85%
Polarization	Linear	Linear
Pattern	Near Omni Directional	Near Omni Directional
Accepted Power [W] (Max)	2 Watts	2 Watts



### Mechanical / Environmental Properties

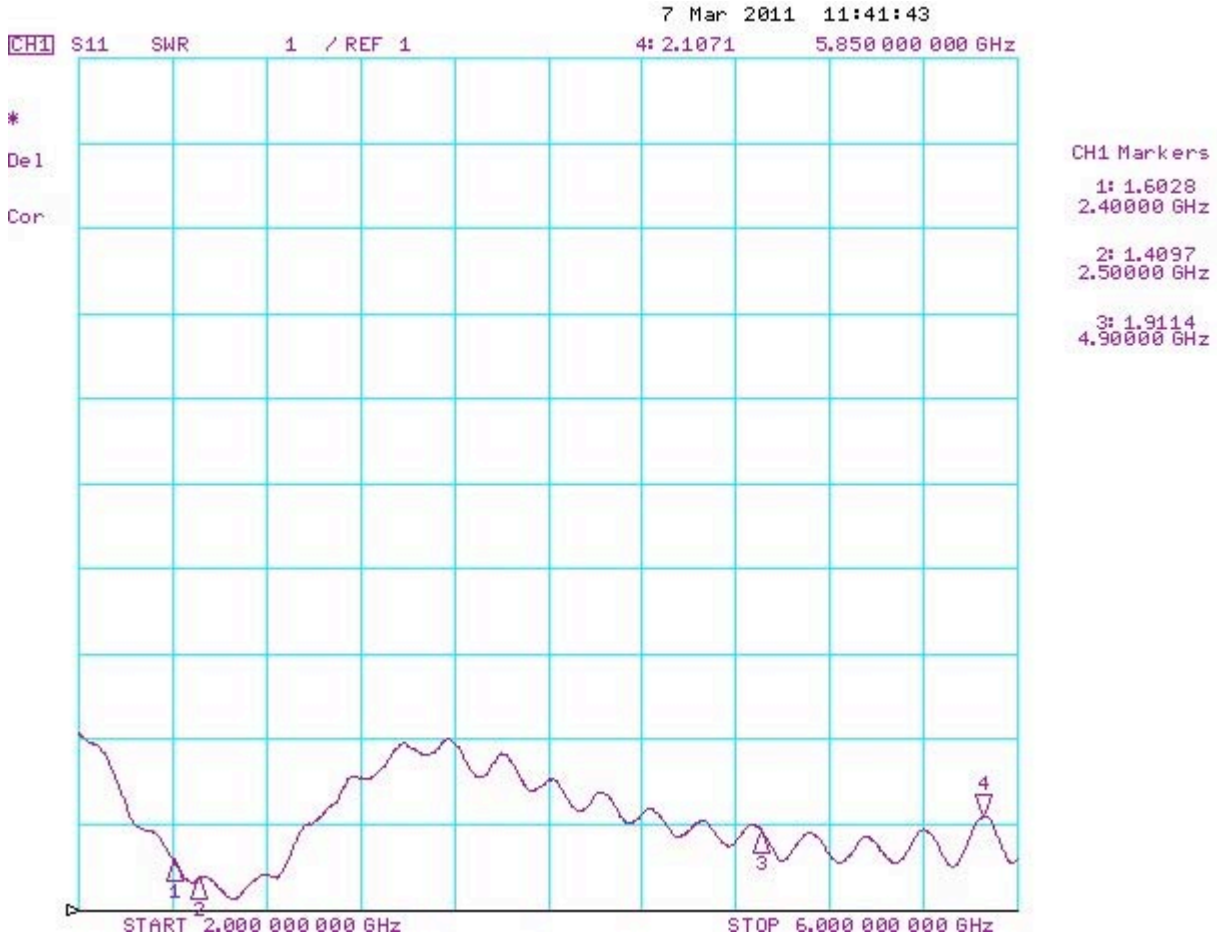
Item	Value
Antenna Dimensions	40mm X 25mm X 0.8mm (L X W X T)
Cable Length	240mm long (from the edge of the PCB) 1.32mm dia Micro Co-ax
Connector	U.FL / Hiroshie / IPEX
Antenna Color	Green
Operating / Storage Temperature	-40°C to +90°C
Environmental	Meets standards for UL 94V-0
Hazardous Materials	RoHS compliant

### Picture of the Antenna



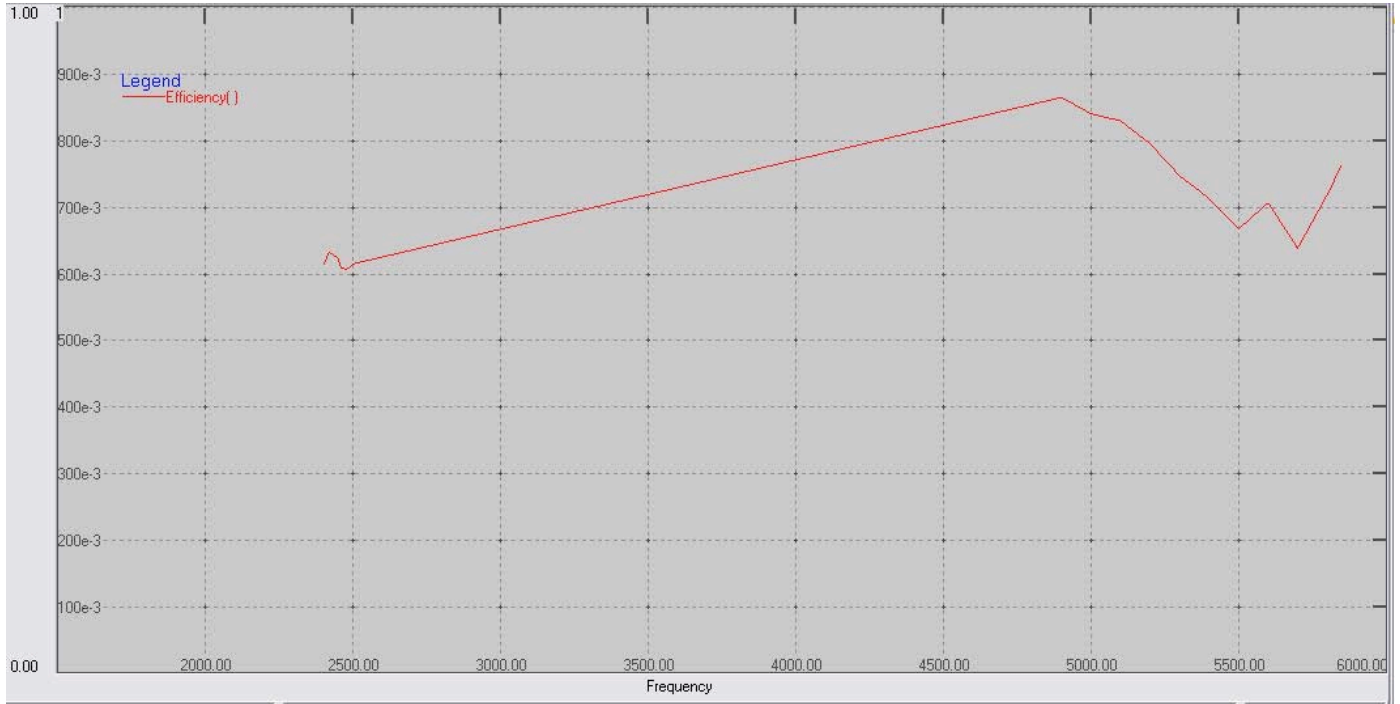


**VSWR of the Antenna**





**Efficiency of the Antenna in %**





**Peak Gain in dBi**

