

## WisBlock 2.4 GHz PIFA Antenna

### Product Description

WisBlock 2.4 GHz PIFA antenna offers a small footprint and superior gain characteristics which is very ideal for IoT node devices. Its size offers flexibility on enclosures without compromising performance with its omni-directional characteristics.



### Features

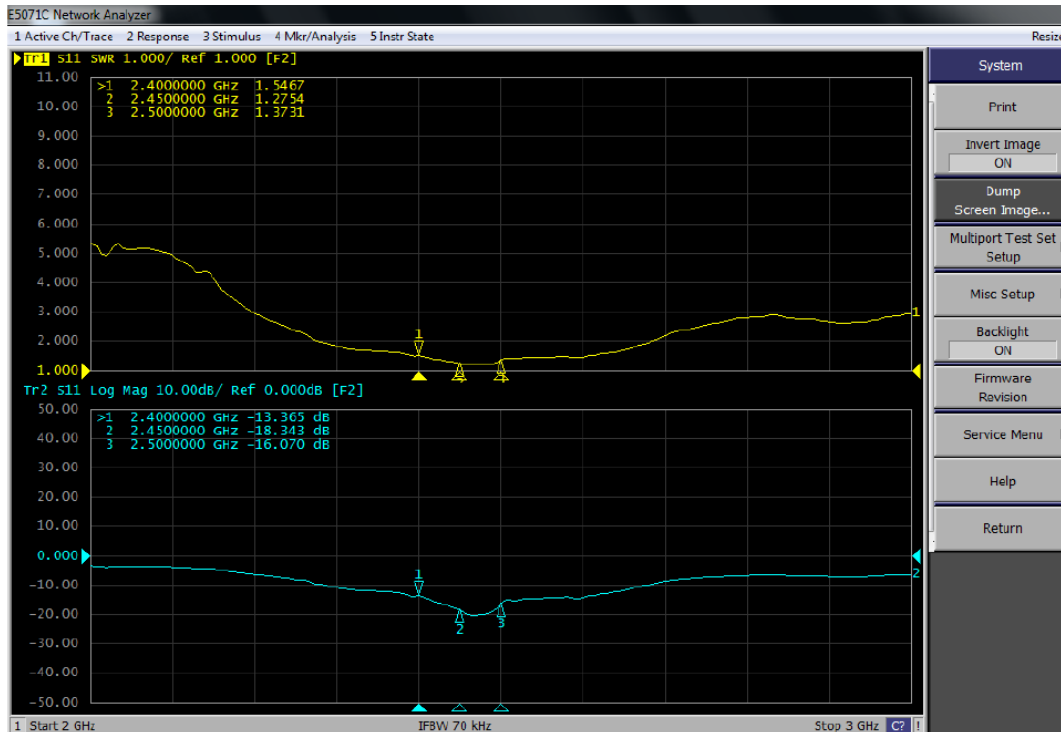
- Frequency Range: 2400~2500 MHz
- Peak Gain: 5.5 dBi
- VSWR:  $\leq 1.6$
- High efficiency
- Impedance: 50 Ohm

## Specifications

<b>Model</b>	WisBlock 2.4 GHz Antenna
<b>Frequency Range</b>	2400~2500 MHz
<b>Peak Gain</b>	5.5 dBi
<b>VSWR</b>	≤ 1.6
<b>Efficiency</b>	>60%
<b>Feed Impedance</b>	50 Ohms
<b>Polarization</b>	Vertical
<b>Antenna pattern</b>	Omni-directional
<b>Connector type</b>	U.FL
<b>Dimensions (mm)</b>	Φ40.0 mm x 7.0 mm x 2.3 mm
<b>Operation Temp (°C)</b>	-30 °C ~ +75 °C
<b>Humidity range</b>	5%~95%

## S11 & VSWR

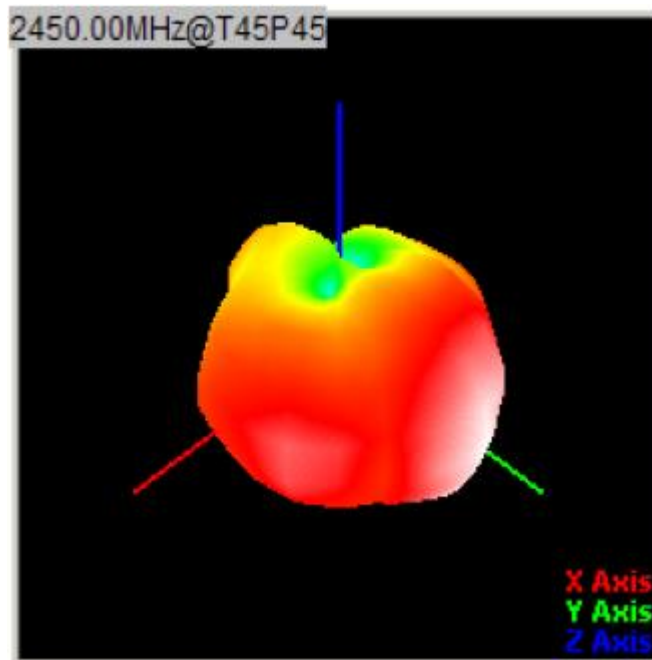
Frequency (MHz)	S11	VSWR
2400MHz	-13.36	1.54
2450MHz	-18.34	1.27
2500MHz	-16.07	1.37

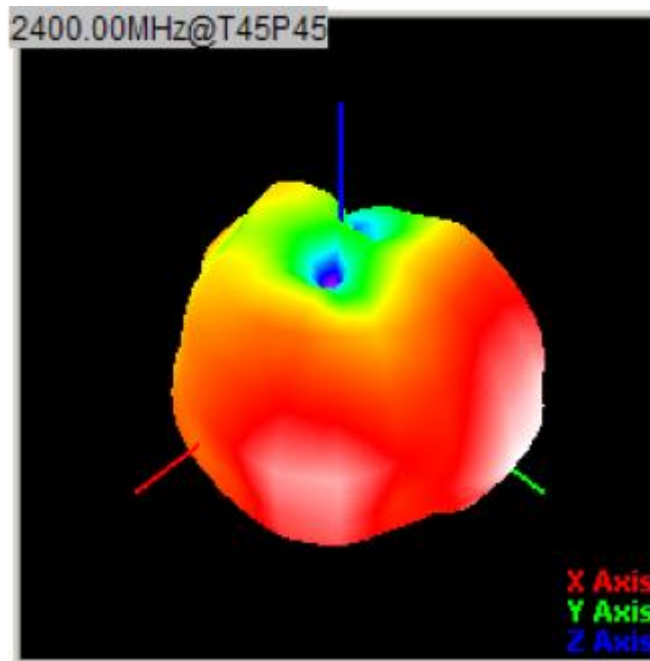
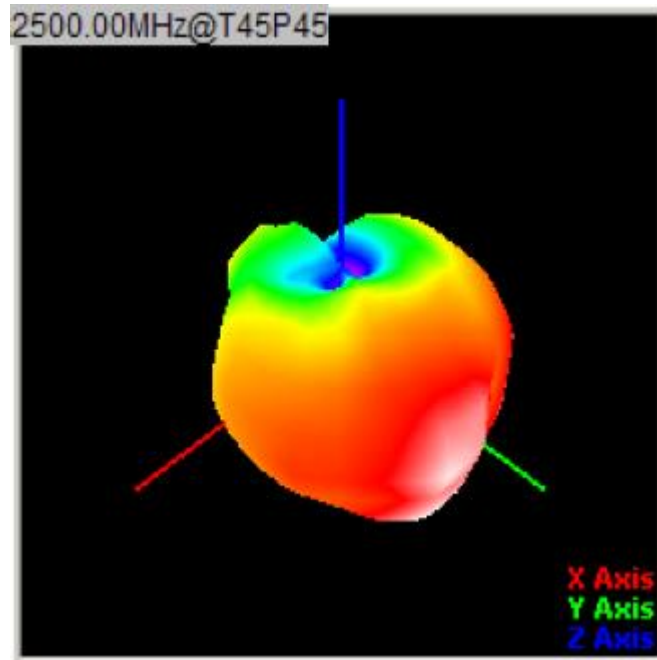


### Peak Gain & Efficiency

Frequency (MHz)	Peak Gain (dBi)	Efficiency (%)
2400	4.31	62.5
2450	5.1	67.8
2500	5.5	69.1

### Radiation Patterns





### Mechanical Specifications

