



**WIFI-Link™ Technologies Inc.**

**歲海尼可網路科技有限公司**

WEB: <http://www.wifi-link.com.tw/> TEL: 06-2523801 FAX: 06-2526033

**7dBi 白色船槳雙頻天線 (2.4/5GHz)**

**WLD3-5024-07-02**

## **APPLICATIONS AND FEATURES**

### **Applications:**

- 2.4GHz-2.5GHz / 5.15~5.85 GHz ISM Band
- IEEE 802.11a/b/g/n Wireless LAN
- IEEE 802.11ac Wireless LAN
- 802.16WiMax Networks
- Pubic Wireless Hotspot
- Bluetooth 、 Wi-Fi 、 RFID
- Wireless Video Systems
- Directional and multipoint application

### **Features :**

- Superior Performance
- Made with weatherproof and corrosion resistant
- Good appearance design
- Installed for vertical or horizontal polarization
- Outdoor antenna for public Hot spots
- Heavy Duty mounting
- RoHS Compliant



## **SPECIFICATIONS:**

### **Electrical Specifications**

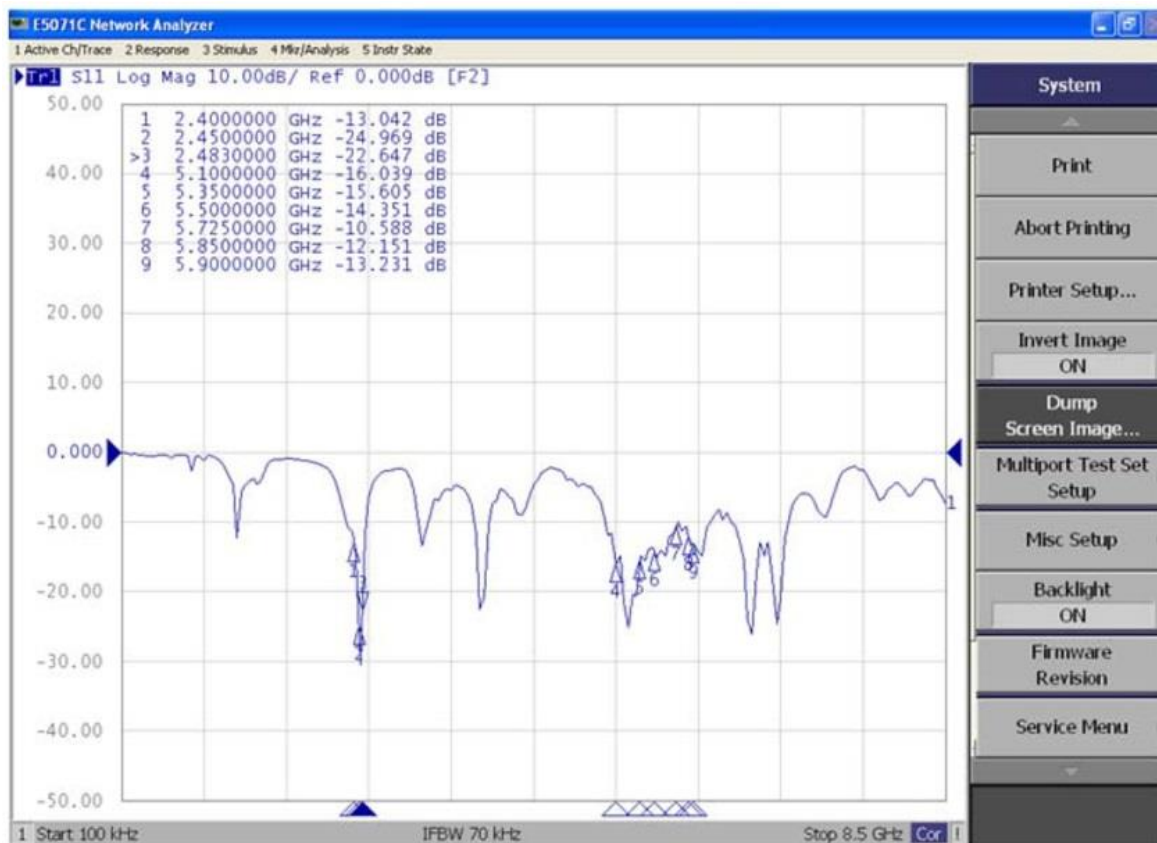
Frequency Range	2400~2500 MHz 5150~5850 MHz
V.S.W.R	≤ 2.0:1
Antenna Type	PCB
Gain	2.4 GHz 5dBi 5 GHz 7dBi
Polarization	Linear and Vertical
Horizontal Beam-with	360°
Impedance	50Ω
Connector	RP SMA MALE

### **Mechanical Specifications**

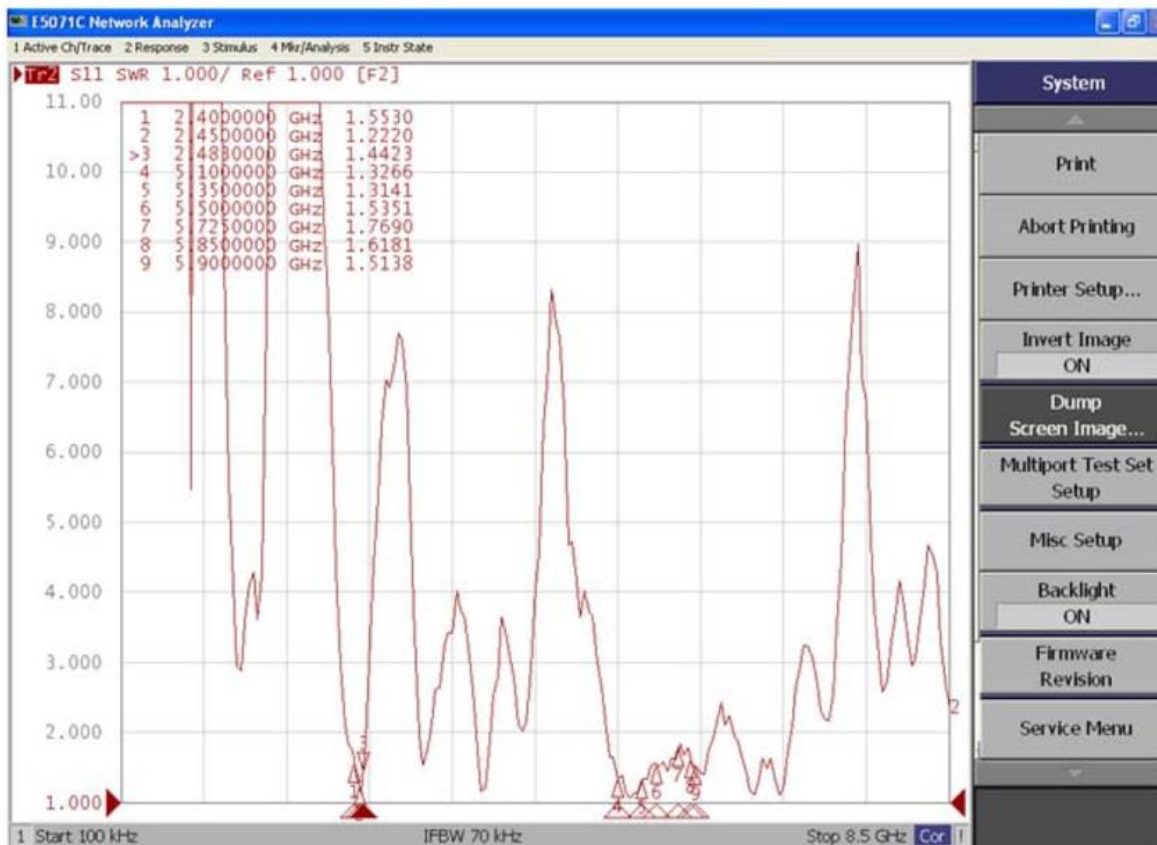
Dimension	230 x 22mm
Weight	40g
Housing	ABS
Hinge	ABS
Color	White
Operating Temperature	-30℃ to +75 ℃
Storage Temperature	-30℃ to +75 ℃

# Testing Report

## Return Loss



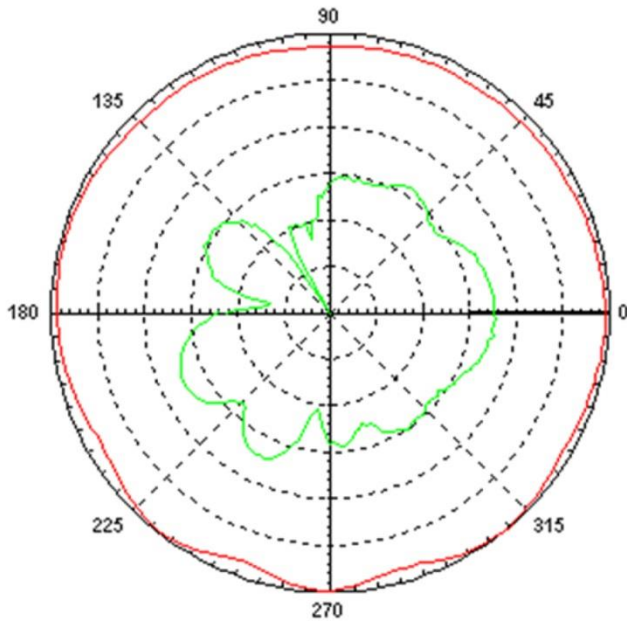
## V.S.W.R.



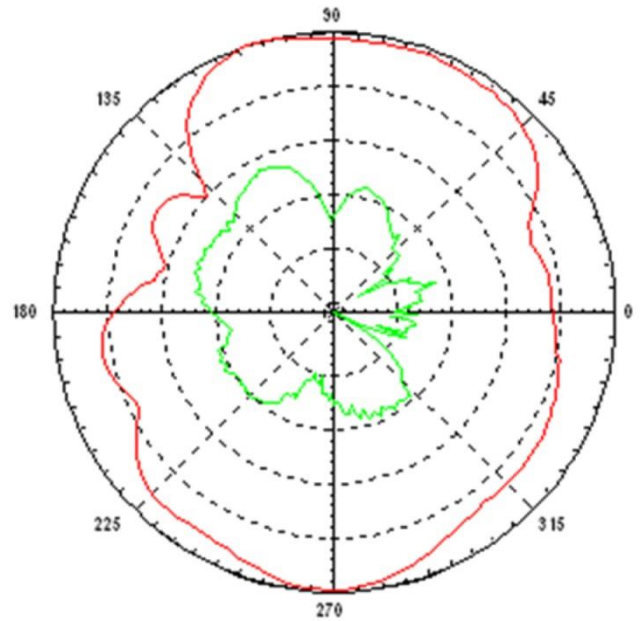
# Antenna Vertical & Horizontal Pattern

2.4GHz

H-plane

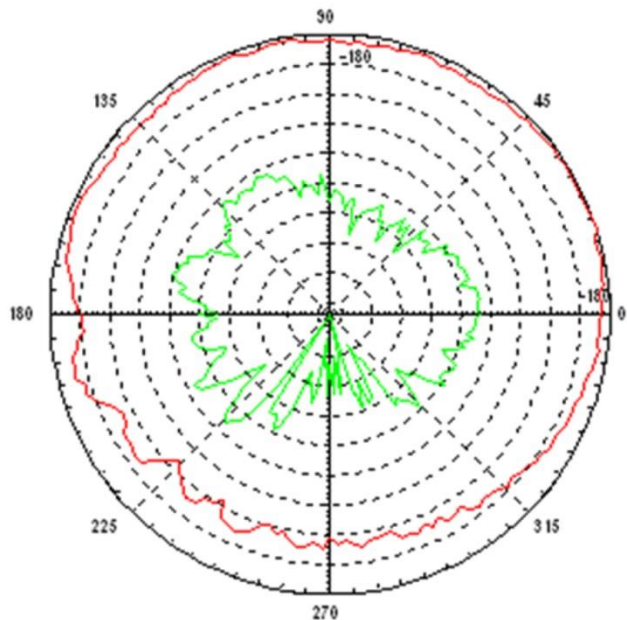


E-plane

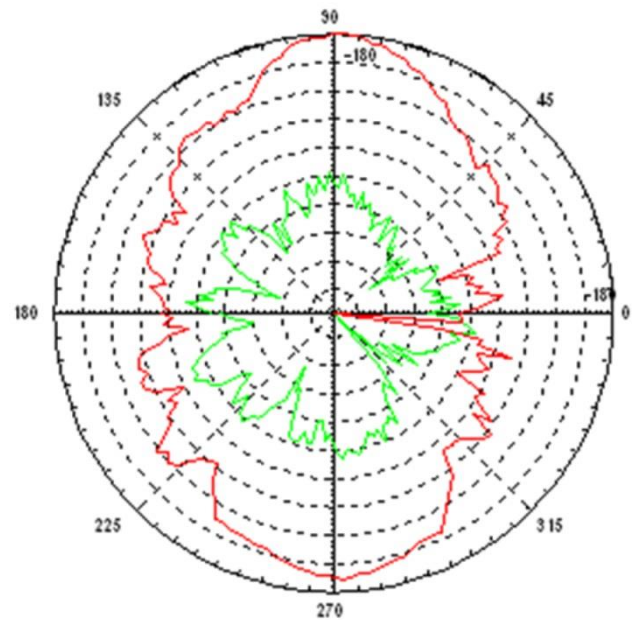


5.0GHz

H-plane



E-plane

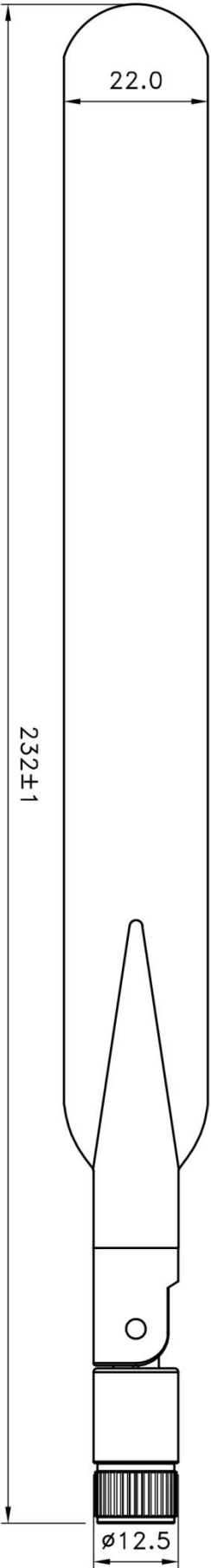
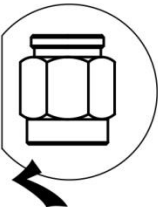
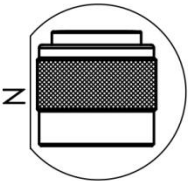
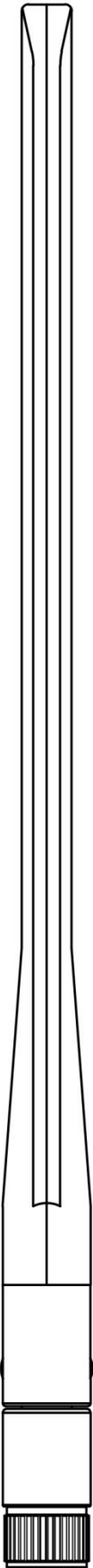


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REV	DATE	DESCRIPTION	DRAWN
1			
A			



Prohibit re-circulating



ELECTRIC  
FREQUENCY: 2.4/5GHz  
RETURN LOSS: -10dB MAX  
CERTAIN DIRECTION: OMNI  
IMPEDANCE: 50 ohm  
VSWR: 2.0 MAX  
MAX GAIN: 7dbi

MECHANICAL  
ANTENNA BASE: ABS  
ANTENNA COVER: ABS  
STORAGE TEMPERATURE: -30°C~75°C  
OPERATING TEMPERATURE: -20°C~65°C  
STANDARD CONNECTOR: RP SMA MALE

<div> <div> <div></div> <div>RoHS</div> <div>COMPLIANT</div> </div> <div> <div></div> <div>WIFI-link</div> <div>台灣威海尼可</div> </div> </div>		<div> <div>TITLE</div> <div>7dBi白色船槳雙頻天線 (2.4/5GHz)</div> </div>	
<div> <div>NOTE</div> <div>           1.1.STRIP ALL BURRS.            2.ALL DIMENSIONS ARE AFTER PLATING.            3.DIAMETERS ON COMMON CENTERS.            4.CHAMFER 1ST &amp; LAST THREADS 45°.             5.BREAK ALL CONNERS &amp; EDGES CO.15 MAX.         </div> </div>		<div> <div>DRAWING NO.</div> <div>WLD3-5024-07-02</div> </div>	
<div> <div>DIMENSION</div> <div>UNLESS OTHERWISE NOTED TOLERANCES</div> </div>		<div> <div>DRAWN DATE</div> <div>01/04/13</div> </div>	
<div> <div>X=±0.3</div> <div>0.X=±0.2</div> <div>0.XX=±0.1</div> </div>		<div> <div>CHECKED</div> <div>SCALE</div> </div>	
<div> <div>DRAWN</div> <div>ALICE</div> </div>		<div> <div>UNIT</div> <div>mm</div> </div>	