



**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 黑色船槳雙頻天線 (2.4/5GHz)**

**WLDF-5024-07-07**

## **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**

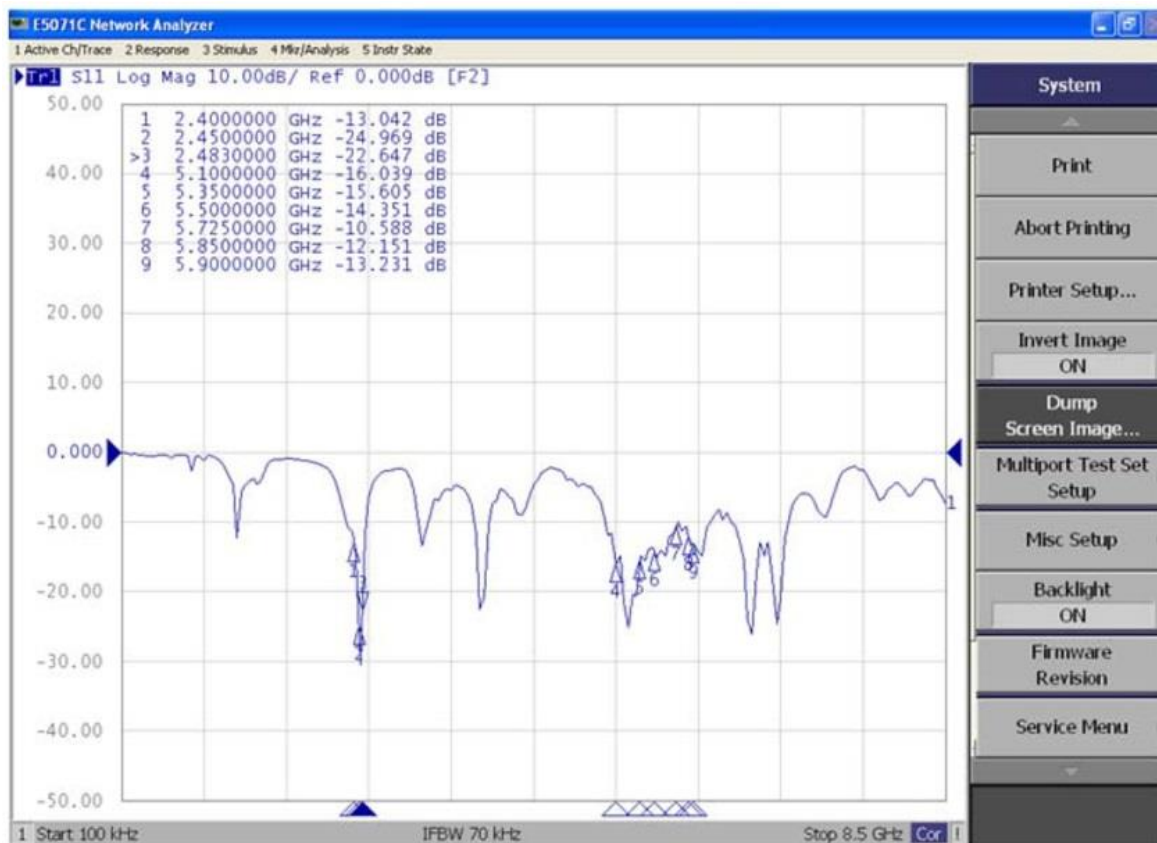
Frequency Range	2400~2500 MHz 5150~5850 MHz
V.S.W.R	≤ 2.0:1
Antenna Type	PCB
Gain	2.4 GHz 5dBi 5 GHz 7dBi
Polarization	Linear and Vertical
Horizontal Beam-with	360°
Impedance	50Ω
Connector	RP SMA MALE

### **Mechanical Specifications**

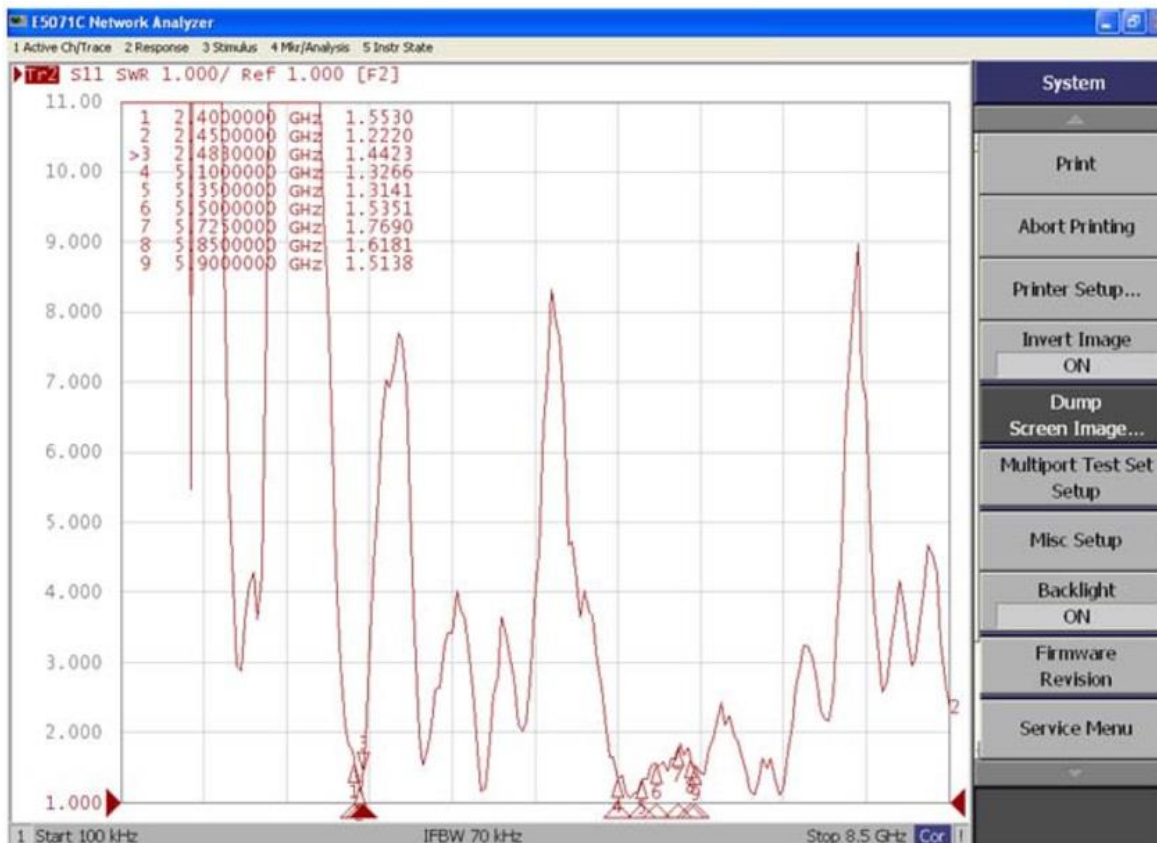
Dimension	230 x 22mm
Weight	40g
Housing	ABS
Hinge	ABS
Color	Black
Operating Temperature	-30℃ to +75 ℃
Storage Temperature	-30℃ to +75 ℃

# Testing Report

## Return Loss



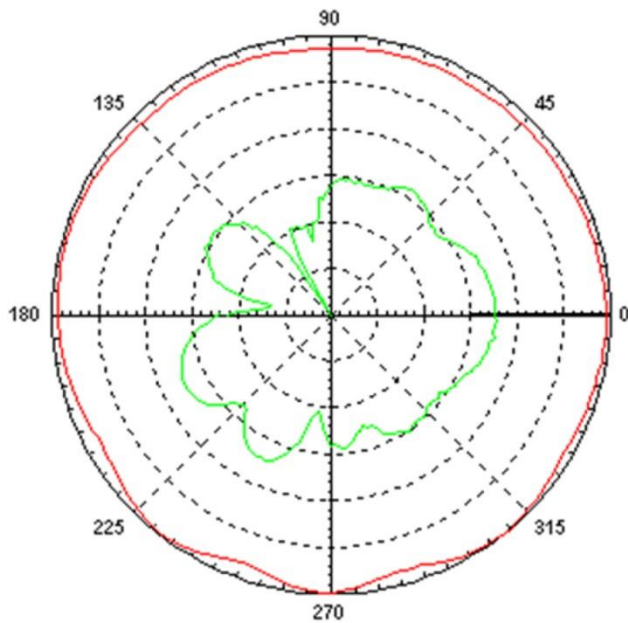
## V.S.W.R.



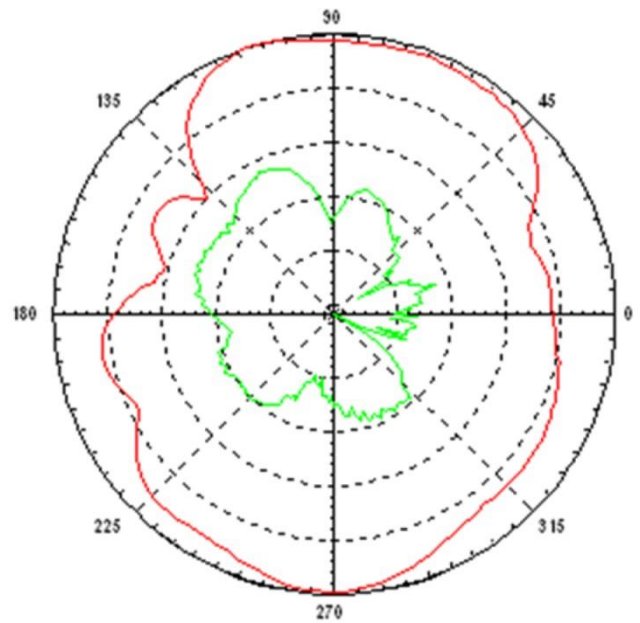
# Antenna Vertical & Horizontal Pattern

2.4GHz

H-plane

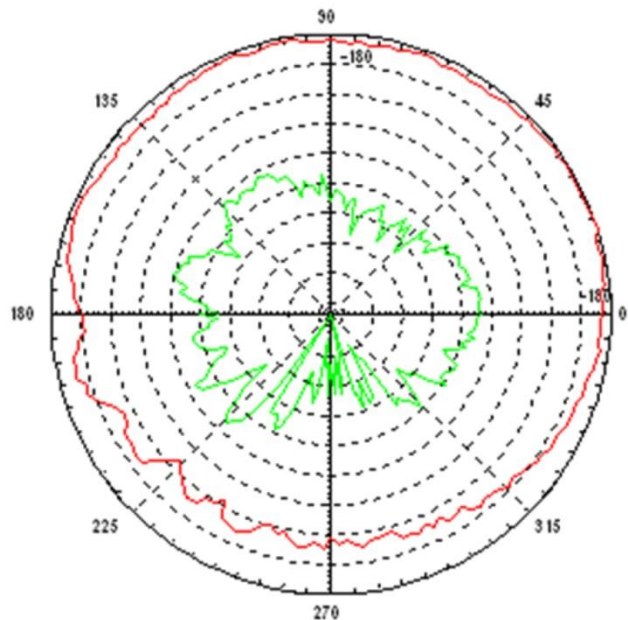


E-plane

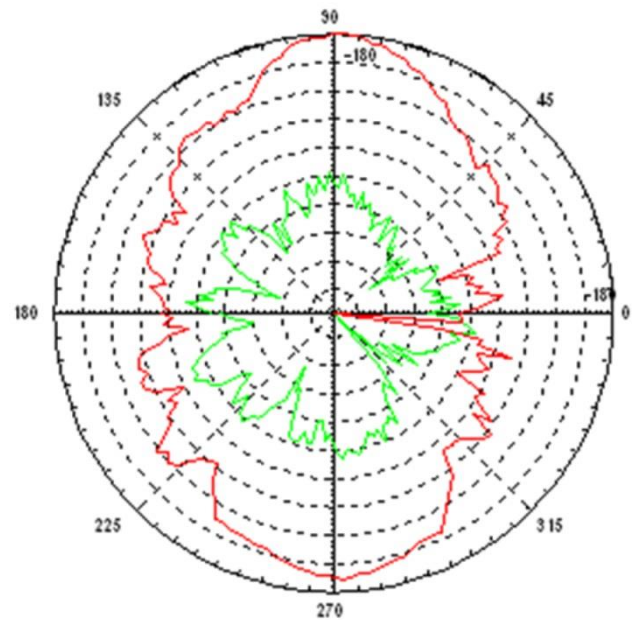


5.0GHz

H-plane



E-plane



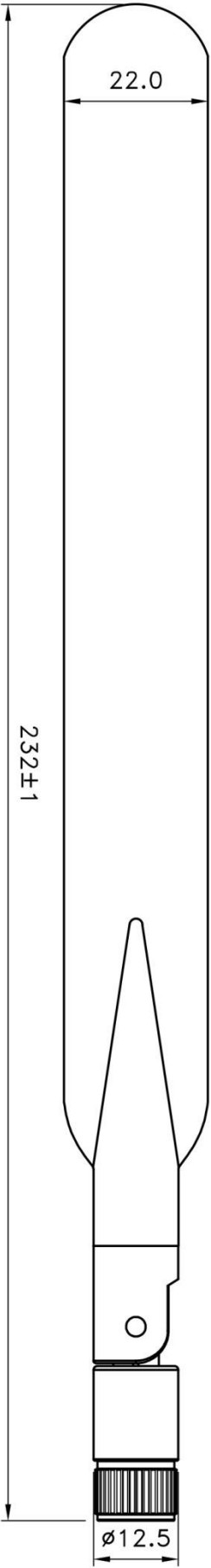
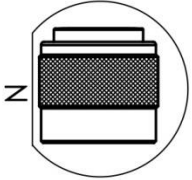
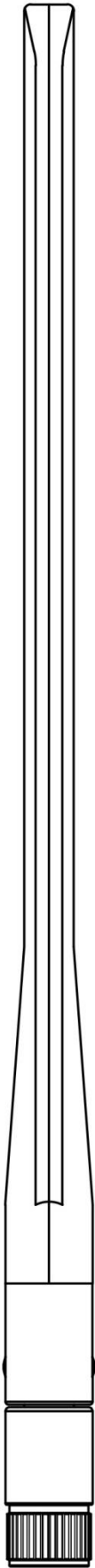
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REV	DATE	DESCRIPTION	DRAWN
1			
A			



PRODUCT NO: DA-DB-07RP-SMA-01

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

Prohibit re-circulating

RoHS COMPLIANT

WIFI-link  
台灣威海尼可

NOTE		TITLE	
1.1.STRIP ALL BURRS. 2.ALL DIMENSIONS ARE AFTER PLATING. 3.DIAMETERS ON COMMON CENTERS. 4.CHAMFER 1ST & LAST THREADS 45°. 5.BREAK ALL CONNERS & EDGES CO.15 MAX.		7dbi黑色船槳雙頻天線 (2.4/5GHz)	
DIMENSION		DRAWING NO.	
UNLESS OTHERWISE NOTED TOLERANCES		WLD-5024-07-07	
X=±0.3		DRAWN DATE	
0.X=±0.2		01/04/13	
0.XX=±0.1		CHECKED	
		SCALE	
		DRAWN	
		ALICE	
		UNIT	
		mm	