



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 N 型 (2.4/5GHz)

WLDF-5024-07-09

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
- Public 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:

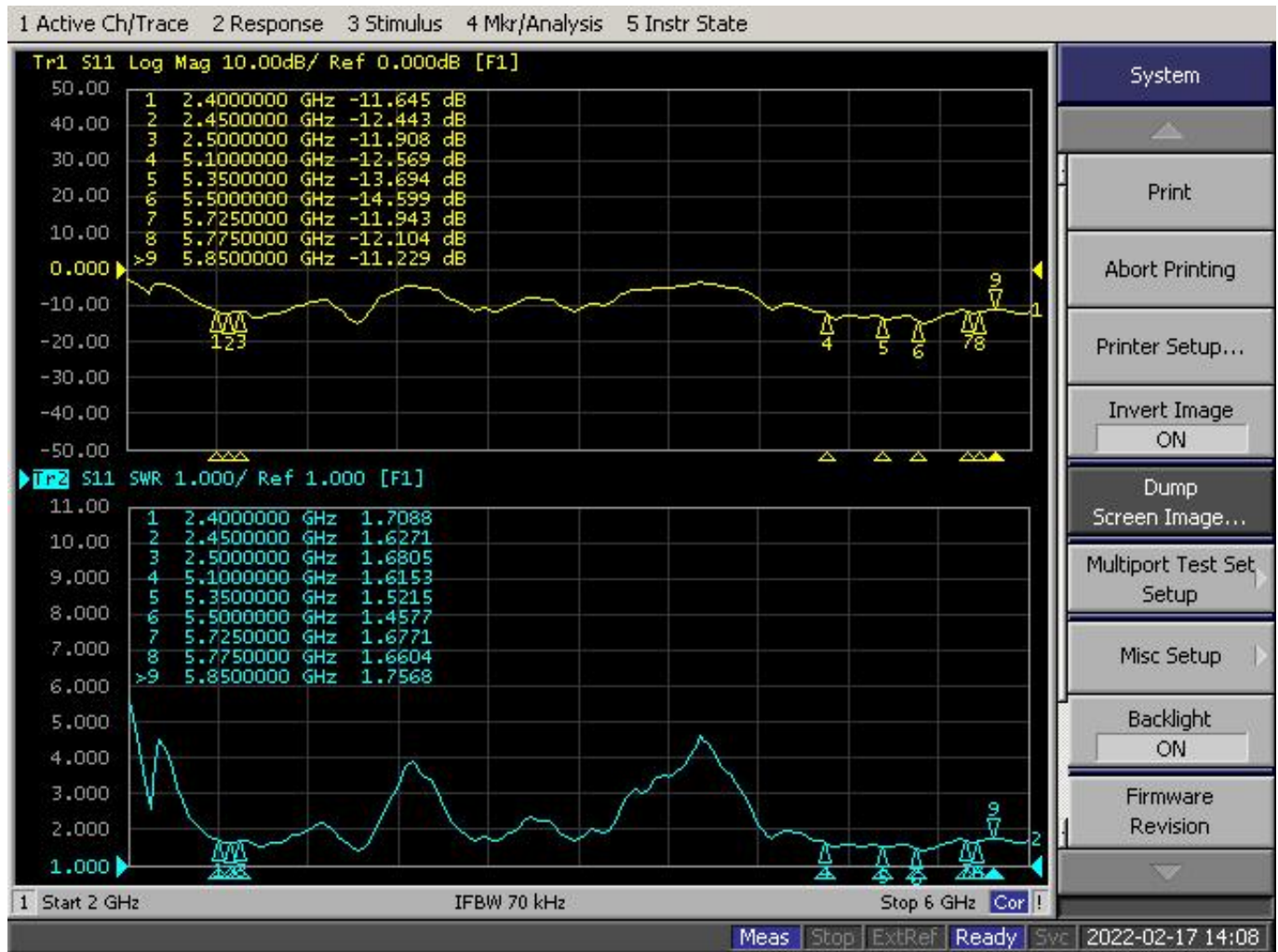
Electrical Specifications

Frequency Range	2400~2500 MHz 5150~5875 MHz
V.S.W.R	≤ 1.8:1
Antenna Type	PCB
Gain	2.4 GHz 5dBi 5 GHz 7dBi
Polarization	Linear and Vertical
Horizontal Beam-with	360°
Impedance	50Ω
Connector	N Male

Mechanical Specifications

Dimension	177 x 21.3mm
Weight	66g
Housing	ABS
Hinge	ABS
Color	Black
Operating Temperature	-30℃ to +75 ℃
Storage Temperature	-30℃ to +75 ℃

Testing Report



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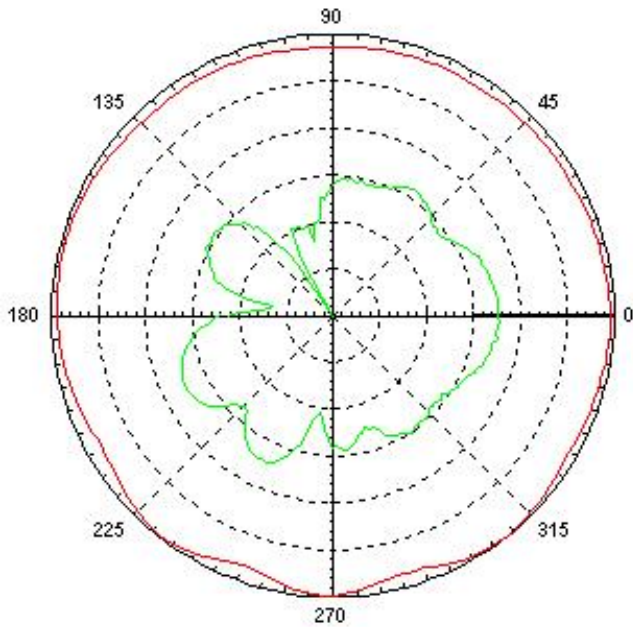
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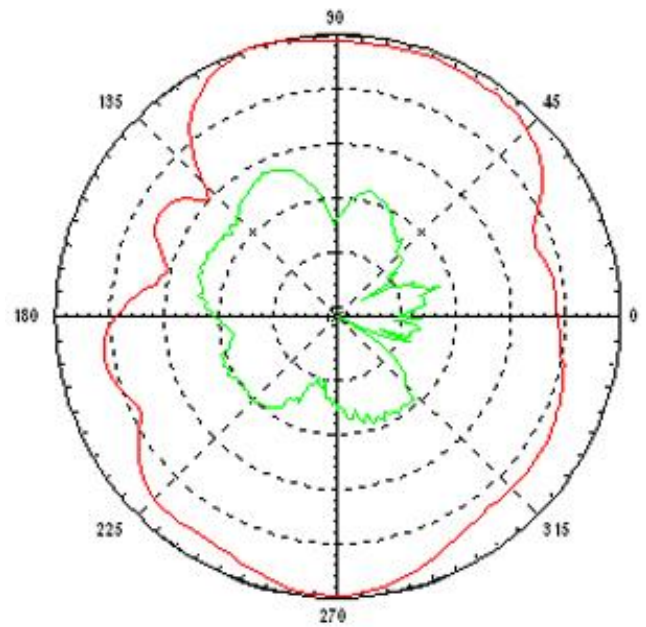
Antenna Vertical & Horizontal Pattern

2.4GHz

H-plane

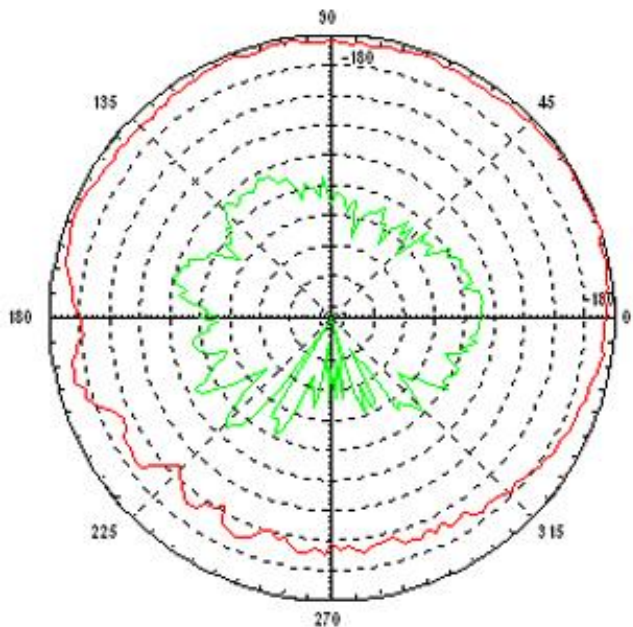


E-plane

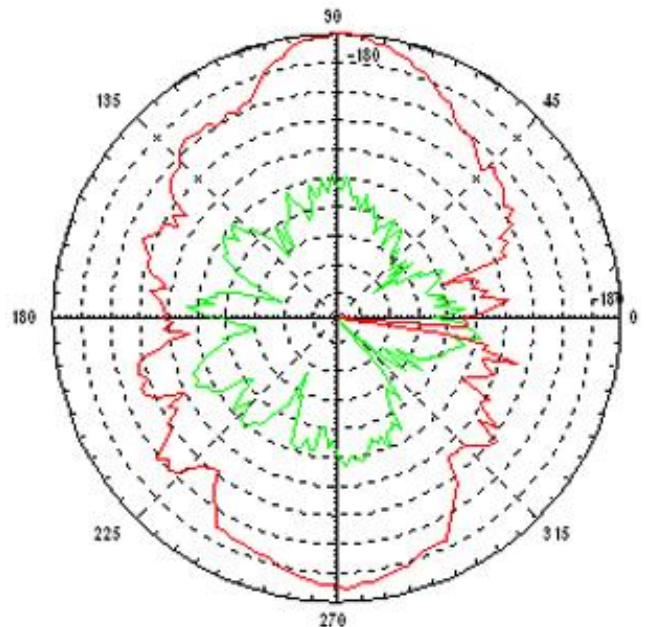


5.0GHz

H-plane



E-plane

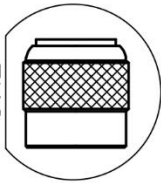
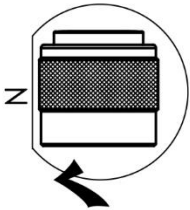
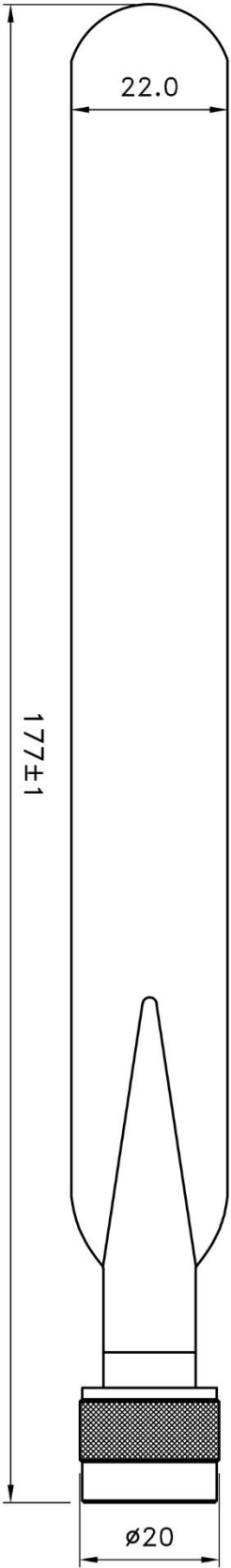
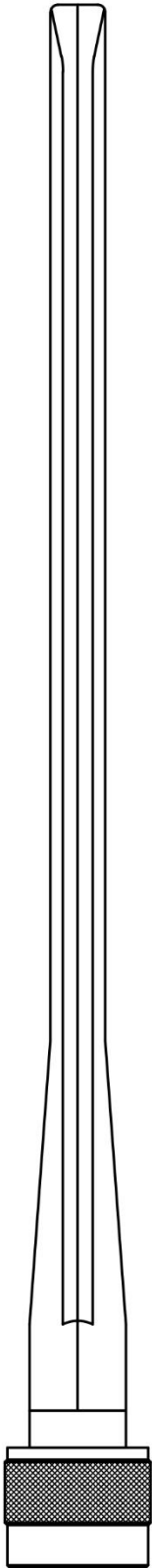


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REV	DATE	DESCRIPTION	DRAWN
1			
A			



Prohibit re-circulating

RoHS COMPLIANT

WIFI-Link
台灣威海尼可

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: -30°C~75°C
STANDARD CONNECTOR: N MALE

NOTE		DIMENSION		TITLE	
1.1 STRIP ALL BURRS.		UNLESS OTHERWISE NOTED		7dbi黑色船槳雙頻天線N型 (2.4/5GHz)	
2.ALL DIMENSIONS ARE AFTER		TOLERANCES		DRAWING NO.	
PLATING.		X=±0.3		WLD-5024-07-09	
3.DIMETERS ON COMMON		0.X=±0.2		APPROVED	
CENTERS.		0.XX=±0.1		DRAWN DATE	
4.CHAMFER 1ST & LAST THREADS 45°.				01/04/13	
5.BREAK ALL CORNERS & EDGES				CHECKED	
CO.15 MAX.				SCALE	
				DRAWN	
				ALICE	
				UNIT	
				mm	