WIFI-Link™ Technologies Inc.
崴 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 灰色船槳濾波雙頻天線 (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	Gray
Operating Temperature	-30℃ to +75 ℃
Storage Temperature	-30℃ to +75 ℃

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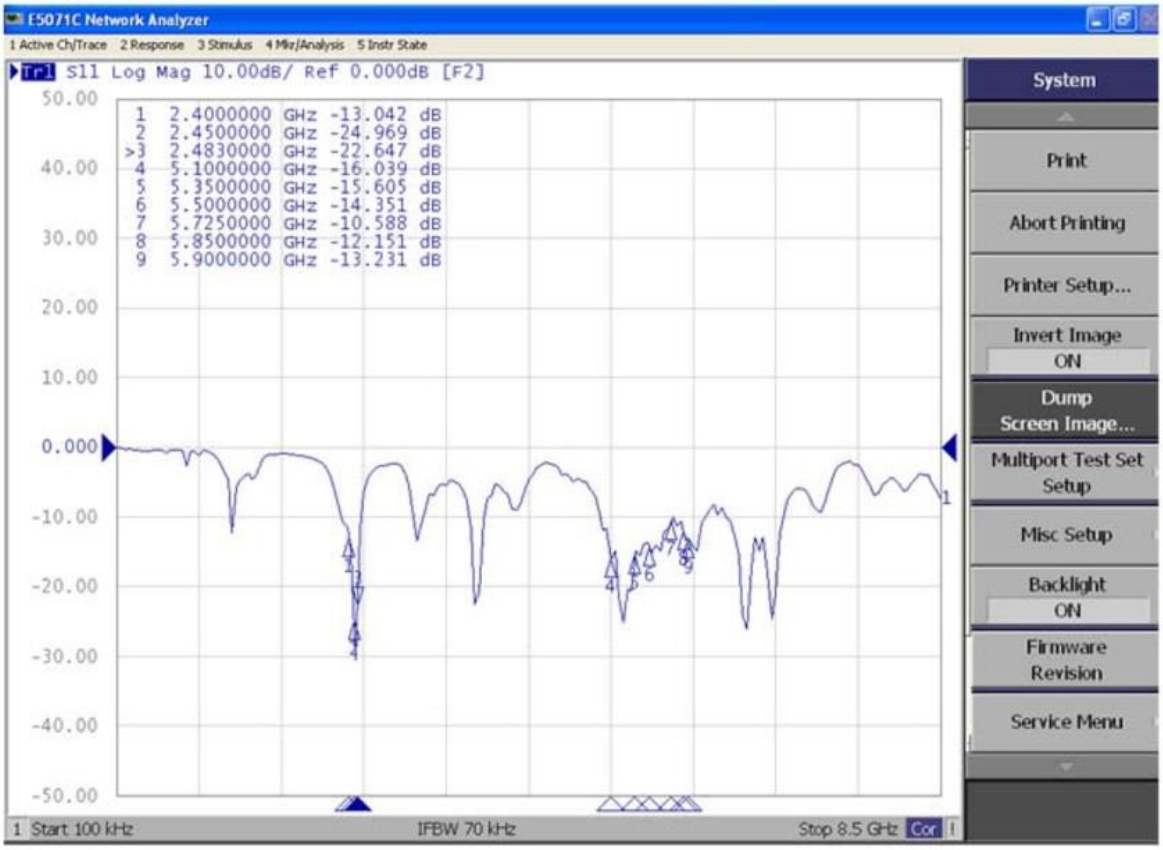
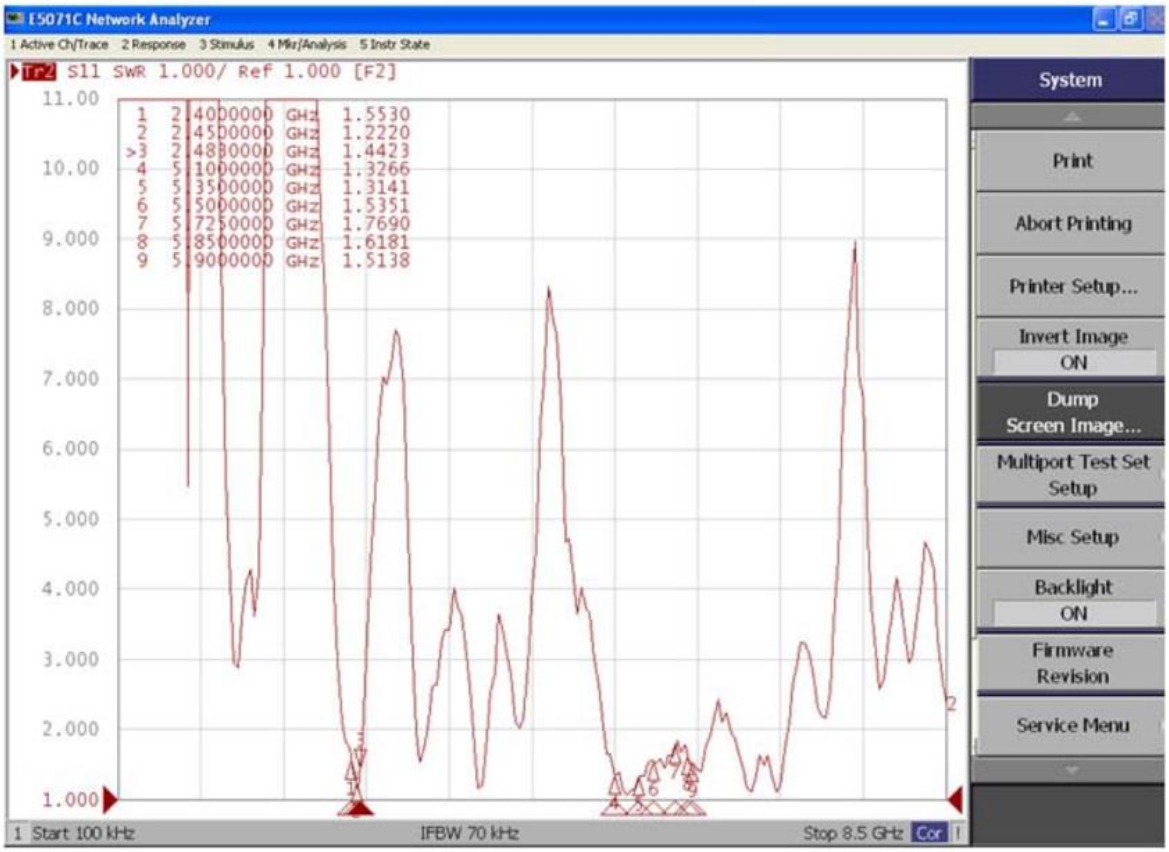
Testing Report

Return Loss



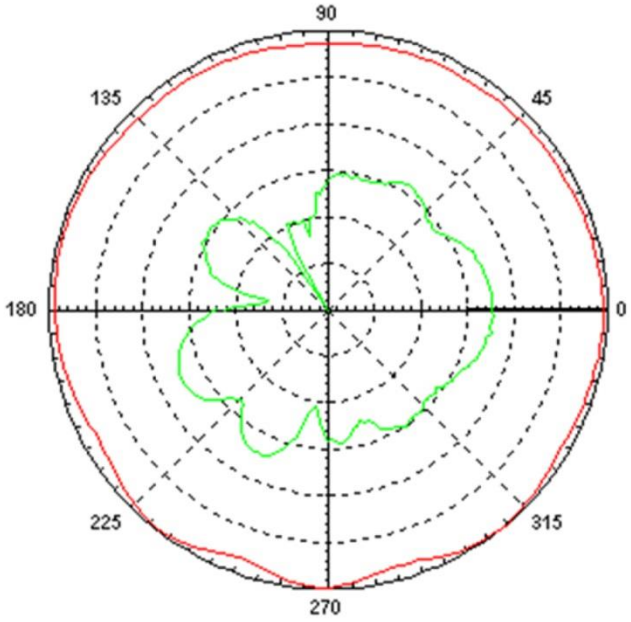
V.S.W.R.



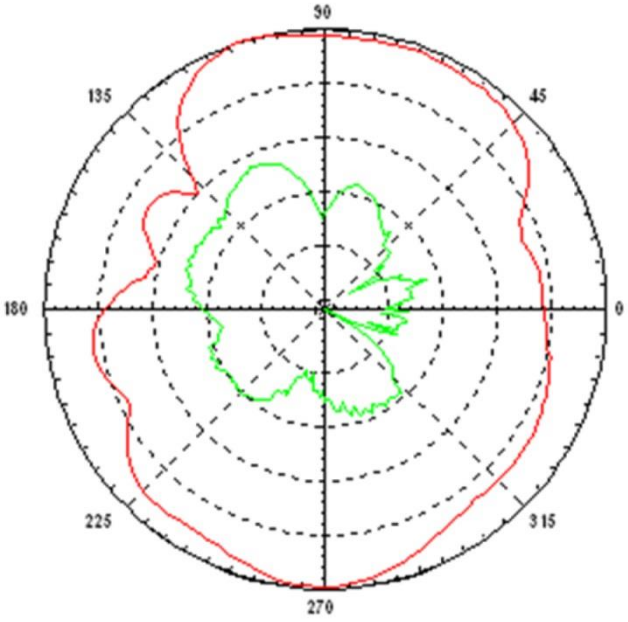
Antenna Vertical & Horizontal Pattern

2.4GHz

H-plane

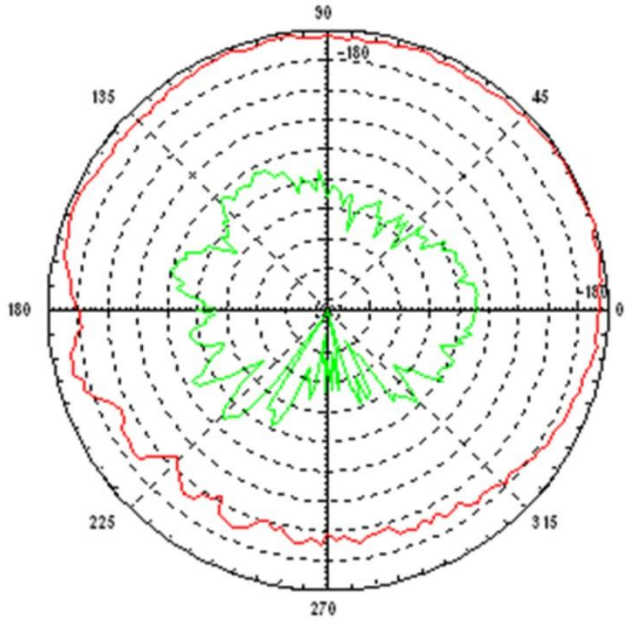


E-plane

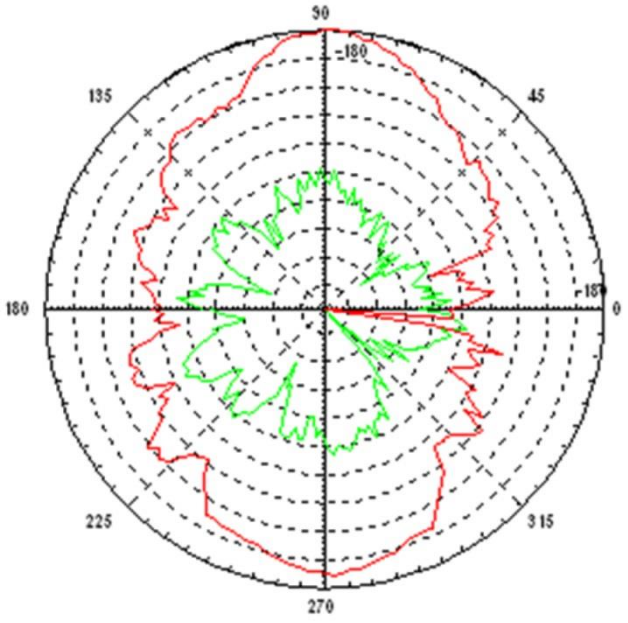


5.0GHz

H-plane



E-plane



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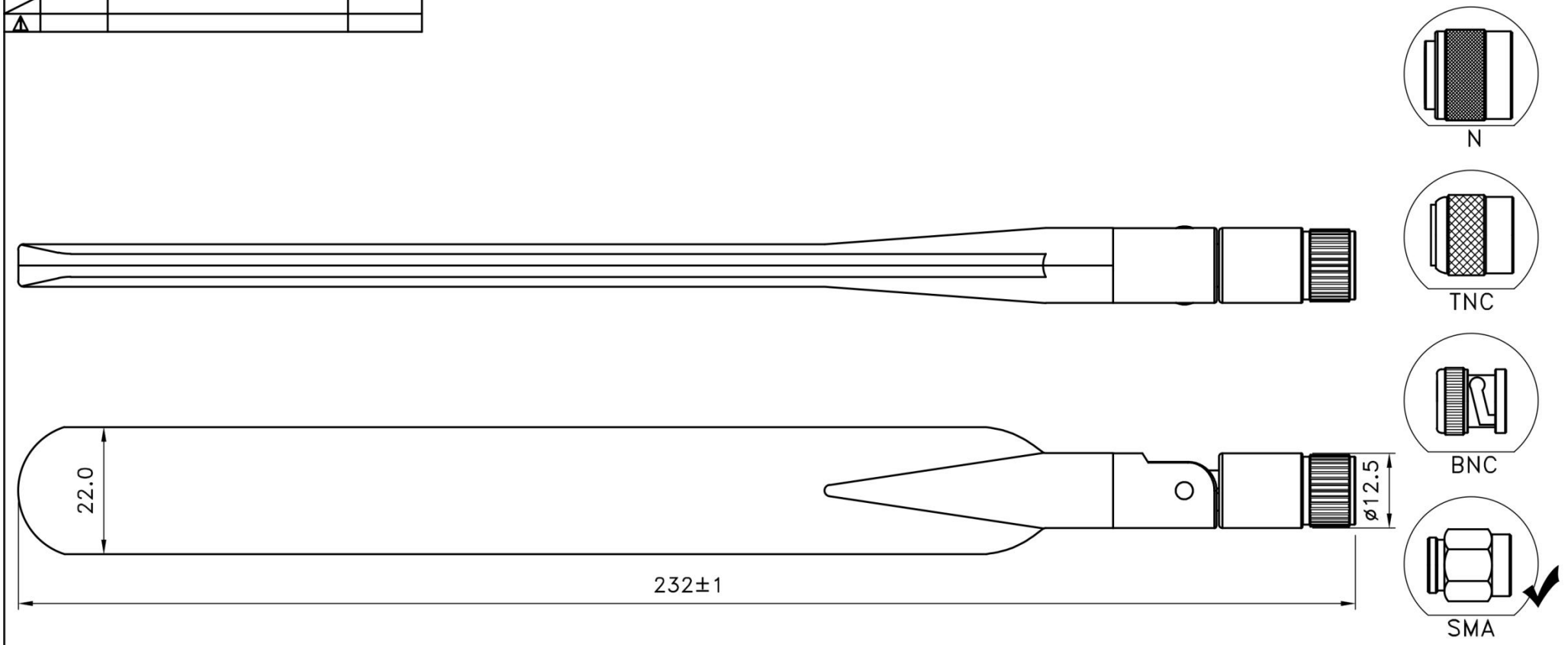
REV	DATE	DESCRIPTION	DRAWN
⚠			



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

RoHS COMPLIANT

NOTE	DIMENSION
1.1.STRIP ALL BURRS. 2.ALL DIMENSIONS ARE AFTER PLATING. 3.DIAMETERS ON COMMON CENTERS. TO BE CONCENTRIC WITHIN 0.1 T.I.R 4.CHAMFER 1ST & LAST THREADS 45˚. 5.BREAK ALL CONNERS & EDGES CO.15 MAX.	UNLESS OTHERWISE NOTED TOLERANCES X=±0.3 0.X=±0.2 0.XX=±0.1

WIFI-Link™ 台灣崴海尼可

TITLE	7dBi灰色船槳濾波雙頻天線 (2.4/5GHz)
DRAWING NO.	WLDF-5024-07-07
APPROVED	DRAWN DATE 01/04/13
CHECKED	SCALE
DRAWN ALICE	UNIT mm