

# ASA-2416

2.4~2.5GHz Adjust 13~16dBi SECTOR-Directional Antenna

ASA-2416 antennas are professionally engineered and manufactured with the highest industry quality at the lowest possible price providing extreme value.

ASA-2416 is designed for the 2.4GHz ISM band, supporting 2.4 to 2.5 GHz and provides superb performance in IEEE 802.11b/g WiFi and Bluetooth applications.

ASA-2416 includes mounting bracket and hardware for up to 2" OD masts. Made with fiberglass

#### Applications:

2.4 - 2.5 GHz ISM Band  
IEEE 802.11b, 802.11g, 802.11n Wireless LAN  
Directional and multipoint applications  
Bluetooth  
Public Wireless Hotspot  
WiFi, RFID  
Wireless Video Systems

#### Features:

Superior performance  
The weight is light  
All weather operation  
DC Short lightning protection  
Installed for vertical  
Includes tilt and swivel mast mount brackets



<b>Model</b>	ASA-2416
<b>Frequency</b>	2.4-2.5GHz
<b>VSWR</b>	$\leq 1.5$
<b>Gain</b>	13-16dBi
<b>Polarization</b>	Vertical
<b>Power Handling</b>	50 Watts
<b>Impedance</b>	50 $\Omega$
<b>Beam Width</b>	H: 45-120° / V: 7-12°
<b>Connector</b>	N Female
<b>Operation Temp</b>	-40°C ~ +80°C
<b>Dimension</b>	500*110 mm
<b>Mounting</b>	32 ~ 45 mm ( 1.2 ~1.75 inch )
<b>Weight</b>	2030g

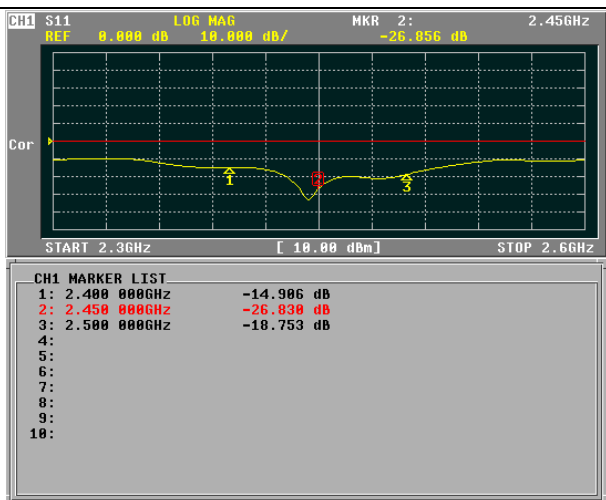
#### For further details:

Alfa Network Inc.,  
4F-1 No. 106, Rueiguang Rd.,  
Neihu District,  
Taipei City, Taiwan.  
<http://www.alfa.com.tw>  
[sales@alfa.com.tw](mailto:sales@alfa.com.tw)  
Tel:+886-2-27968477  
Fax:+886-2-27968478

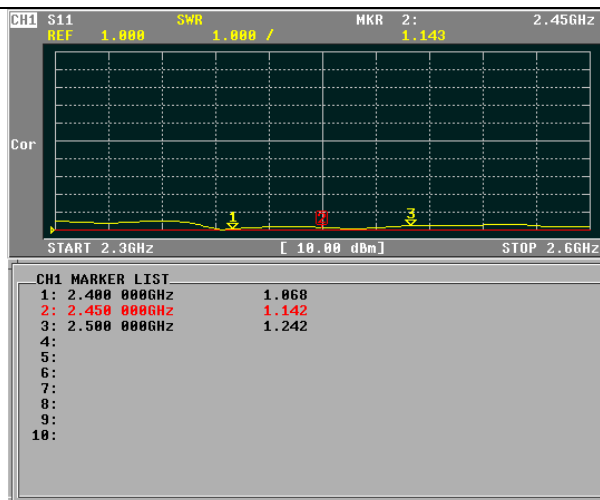
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## Network Analyzer Test Report

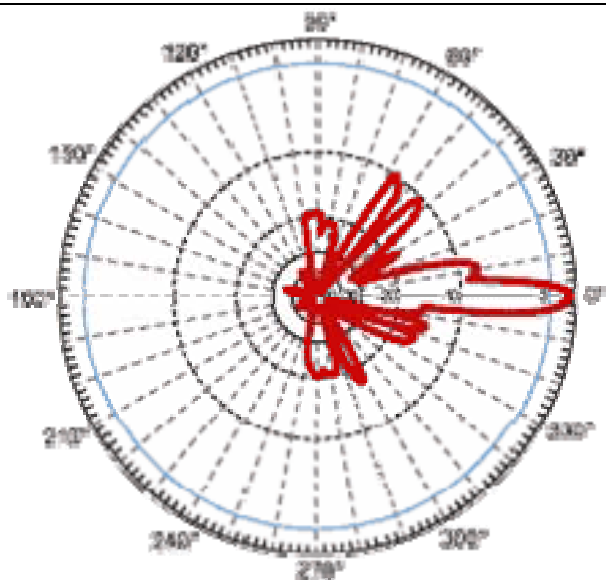


Return loss

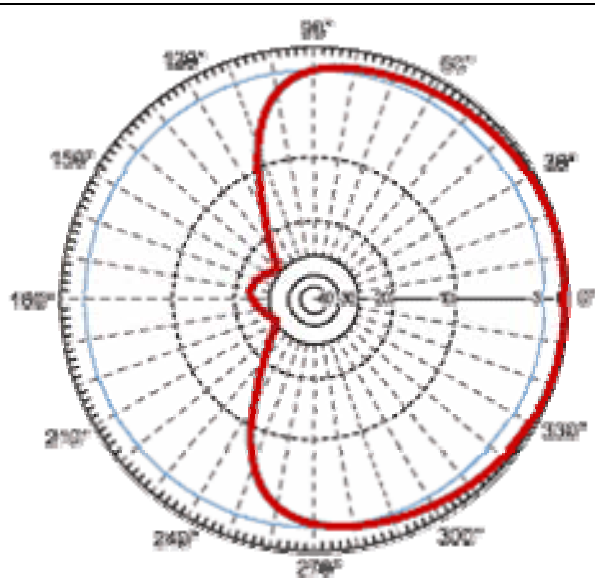


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## Pattern Test Report



E-plane co-pol ----- 3-dB beam-with=15 Deg  
Horizontal



H-plane co-pol ----- 3-dB beam-with=120 Deg  
Vertical

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## Mounting Kits Install Guide

