

AOA-5808

5.1~5.9GHz 8dBi Omni Antenna

AOA-5808 antennas are professionally engineered and manufactured with the highest industry quality at the lowest possible price providing extreme value.

AOA-5808 is designed for the 5.8GHz ISM band, supporting 5.1 to 5.9 GHz and provides superb performance in IEEE 802.11a WiFi applications.

AOA-5808 includes mounting bracket and hardware for up to 2" OD masts. Made with fiberglass

Applications:

5.1 – 5.9 GHz ISM Band
5.3 GHz Band Applications
5.4 GHz Band Applications
5.8GHz UNII applications
IEEE 802.11a Wireless LAN
Unlicensed European 5.4 GHz Band Applications
5.8 GHz Wireless Video Systems
WiMAX Technology

Features:

Superior performance
Light weight
All weather operation
DC Short lightning protection
Installed for vertical
Includes tilt and swivel mast mount
Frequency Ultra-wide
Can be installed for either vertical or horizontal polarization
RoHS Compliant



Model	AOA-5808
Frequency	5.1-5.9GHz
VSWR	≤ 1.5
Gain	8dBi
Polarization	Vertical
Power Handling	50 Watts
Impedance	50 Ω
Beam Width	H: 360° / V: 15°
Connector	N Female
Operation Temp	-40°C ~ +80°C
Dimension	485*70 mm
Mounting	32 ~ 45 mm (1.2 ~1.75 inch)
Weight	320g

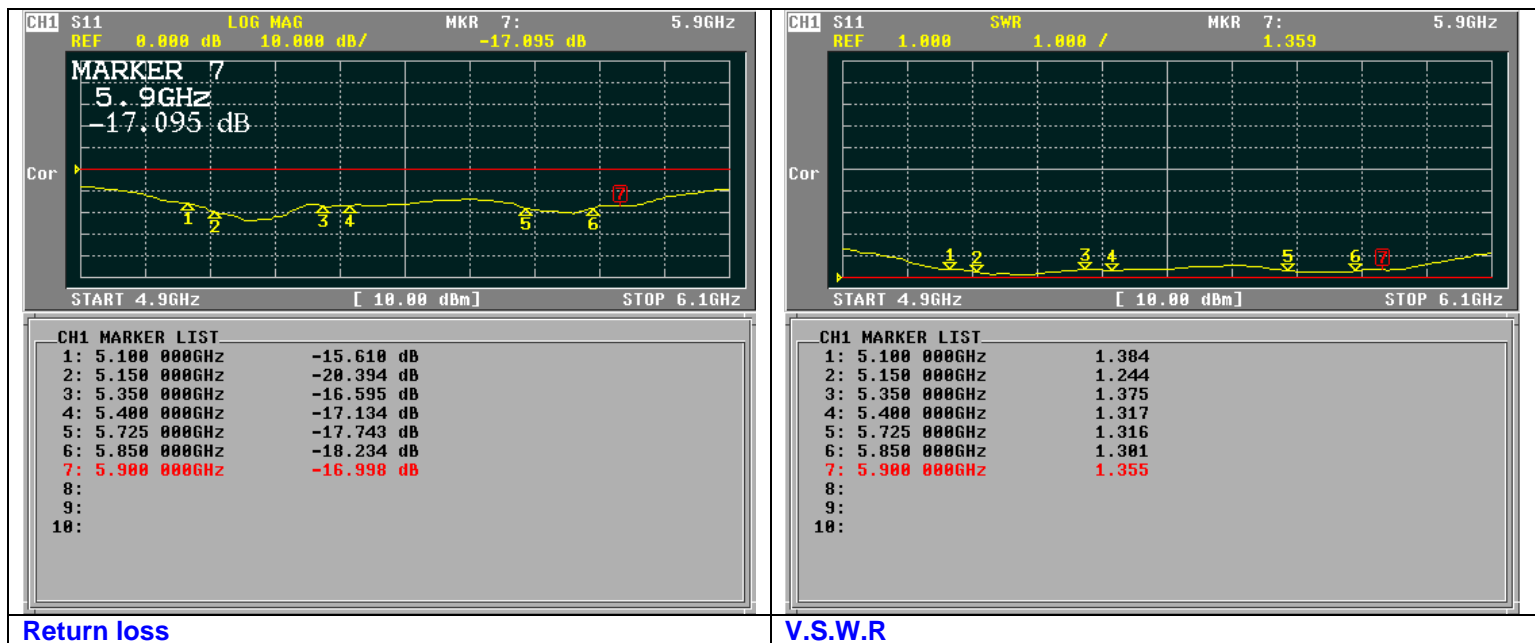
For further details:

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Network Analyzer Test Report

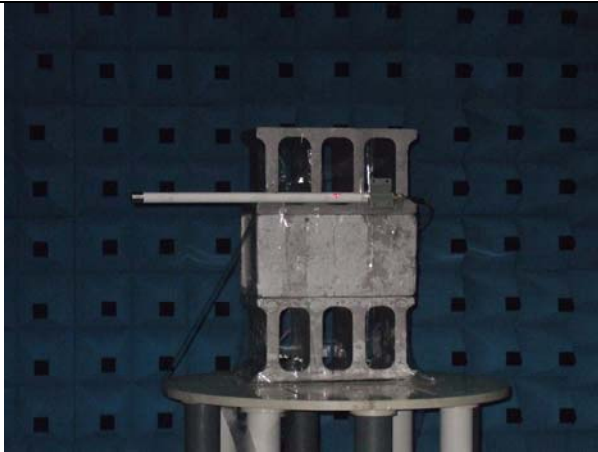


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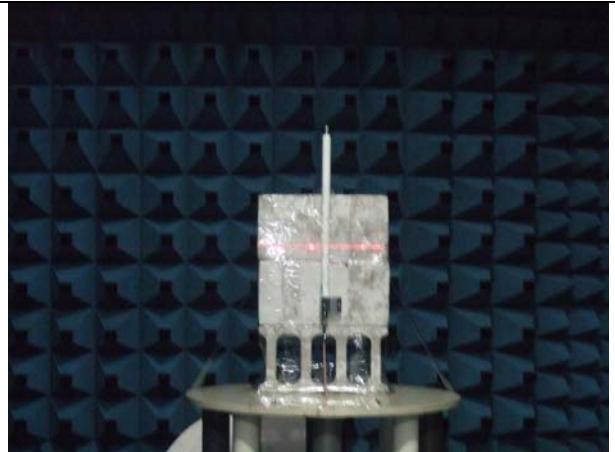
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RF Chamber Test Report

Frequency: 5.1 ~ 5.9GHz



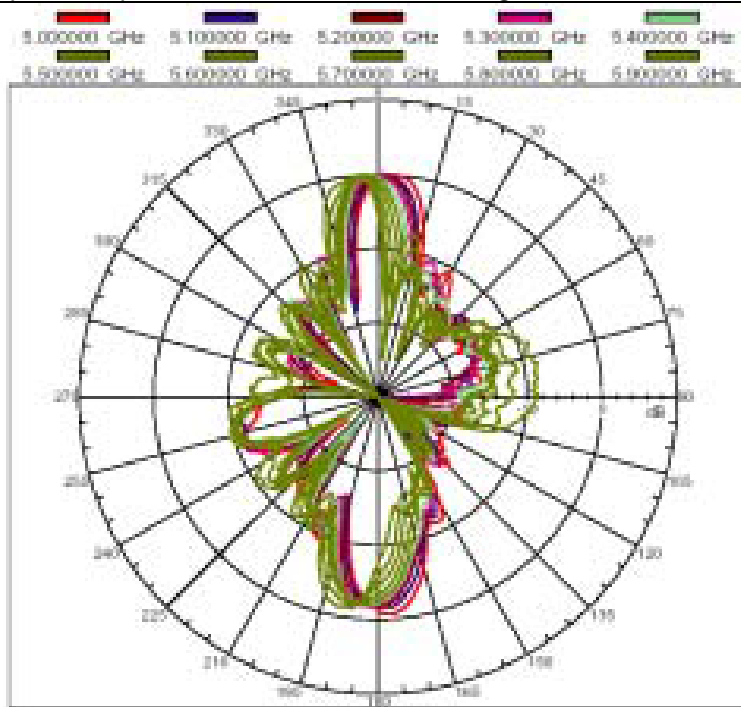
Vertical Pattern Photos



Horizontal Pattern Photos

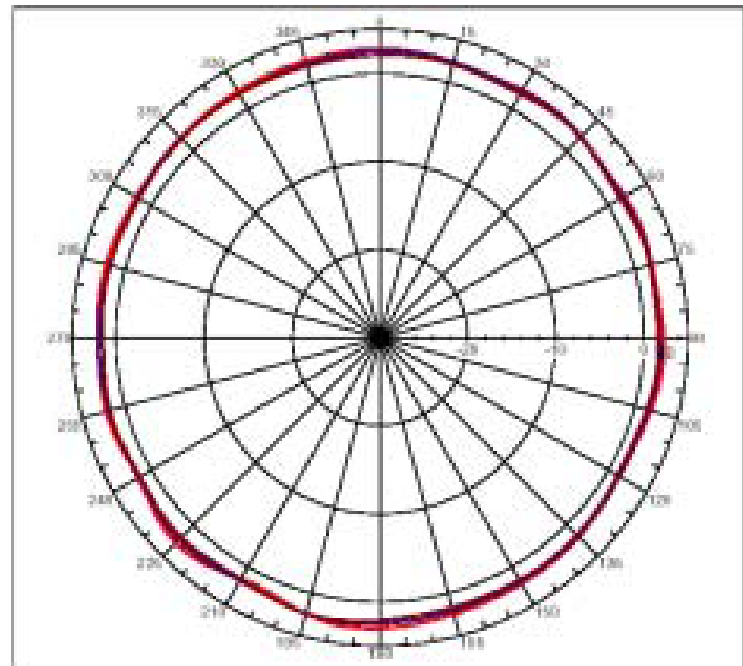
Frequency: 5.1-5.9GHz

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



Vertical Pattern

H-plane co-pol ----- 3-dB beam-with=360 Deg

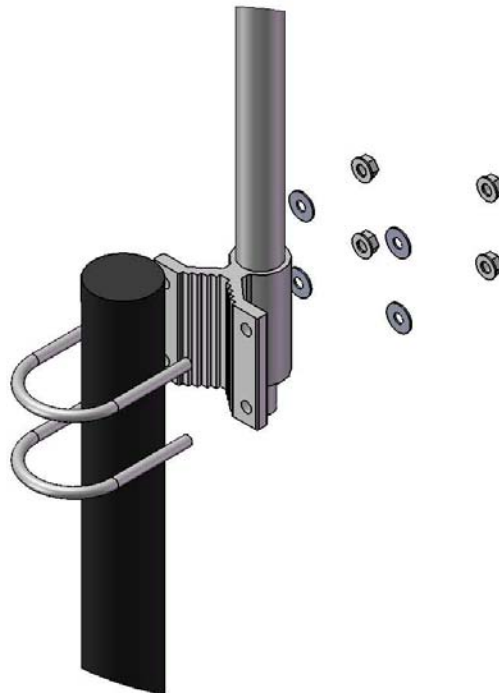
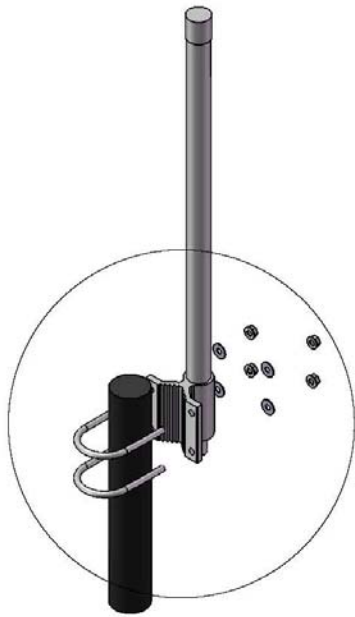


Horizontal Pattern

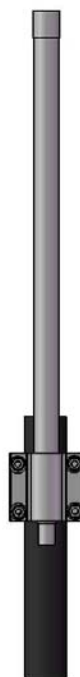
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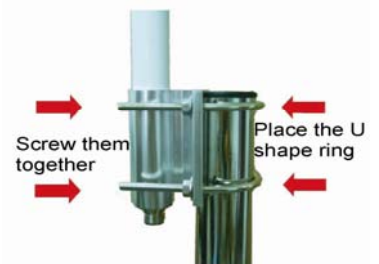
Mounting Kits Install Guide



2 : 5



1.



2.



3.

Finish

