

APA-L5823

5.1~5.9GHz Wide Band Directional Panel Antenna 23dBi

APA-L5823 antennas are professionally engineered and manufactured with the highest industry quality at the lowest possible price providing extreme value.

APA-L5823 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.

APA-L5823 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
WiMAX Technology
5.8 GHz Wireless Video Systems

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	APA-L5823
Frequency	5.1-5.9GHz
VSWR	≤ 1.5
Gain	23dBi
Polarization	Vertical or Horizontal
Power Handling	50 Watts
Impedance	50 Ω
Beam Width	H: 8° / V: 8°
Connector	N Female
Operation Temp	-40°C ~ +80°C
Dimension	370*370 mm
Mounting	32 ~ 45 mm (1.2 ~1.75 inch)
Weight (&Mounting Bracket max)	1030g

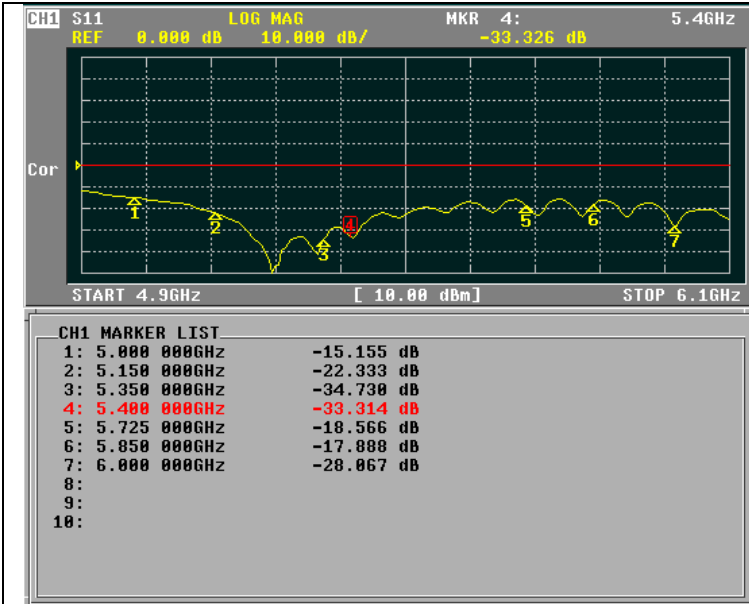
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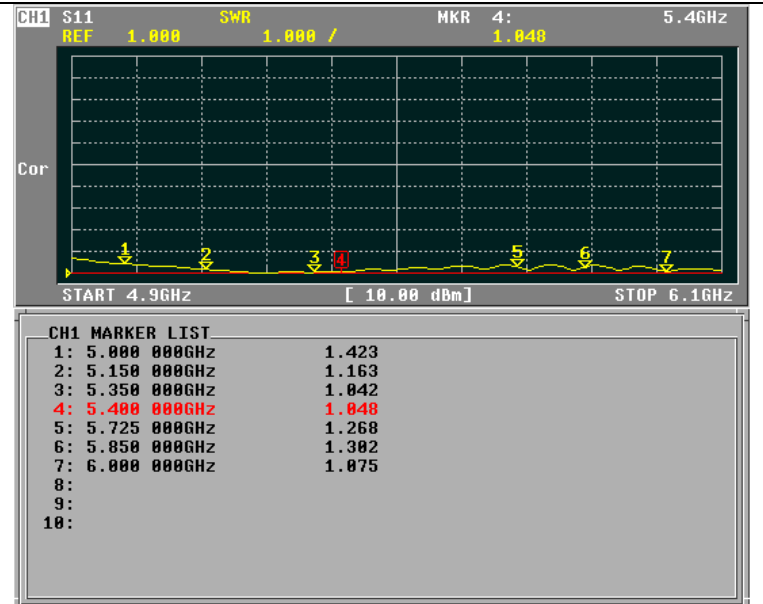
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Network Analyzer Test Report



Return loss



V.S.W.R

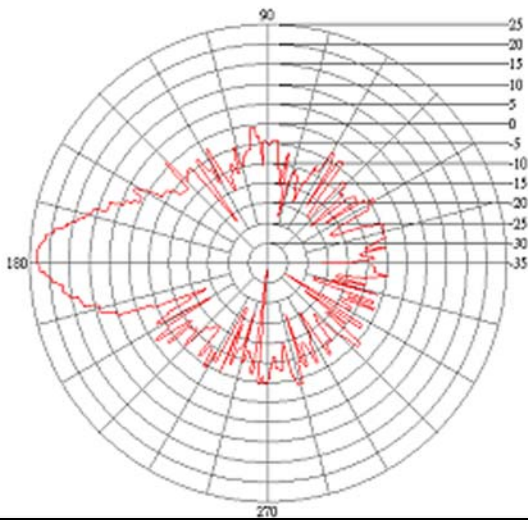
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RF Chamber Test Report Frequency: 5.1 ~ 5.9GHz

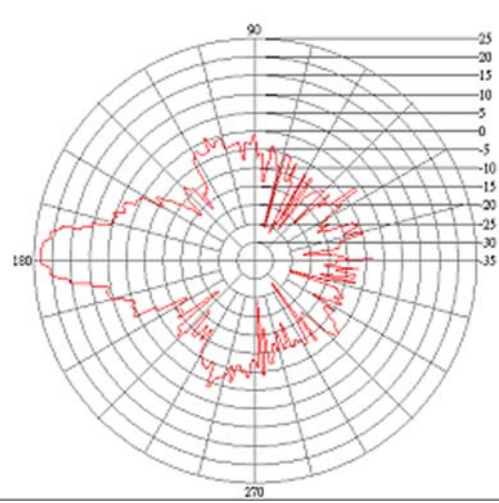
Frequency:5.1-5.9Ghz

E-plane co-pol ----- 3-dB beam-with=8 Deg



Vertical Pattern

H-plane co-pol ----- 3-dB beam-with=8 Deg



Horizontal Pattern

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Mounting Kits Install Guide

