

ASA-5818-120

5.1~5.9GHz Sector Antenna 18dBi

ASA-5818-120 antennas are professionally engineered and manufactured with the highest industry quality at the lowest possible price providing extreme value.

ASA-5818-120 is designed for the 5GHz ISM band, supporting 5.1 to 5.9 GHz and provides superb performance in IEEE 802.11a WiFi applications.

ASA-5818-120 includes mounting bracket and hardware for up to 2" OD masts

Applications:

5.1~5.9 GHz Applications
5.8GHz UNII/ISM Band Application
IEEE 802.11a
Directional and multipoint applications
Wimax, CDMA
Public Wireless Hotspot
Wireless LAN 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



Model	ASA-5818-120
Frequency	5.1-5.9GHz
VSWR	≤ 1.5
Gain	18dBi
Polarization	Vertical
Power Handling	50 Watt
Impedance	50 Ω
Beam Width	H: 120° / V: 12°
Connector	N Female
Operation Temp	-40°C ~ +80°C
Dimension	900*20 mm
Mounting	32 ~ 45 mm (1.2 ~1.75 inch)
Weight	2500g

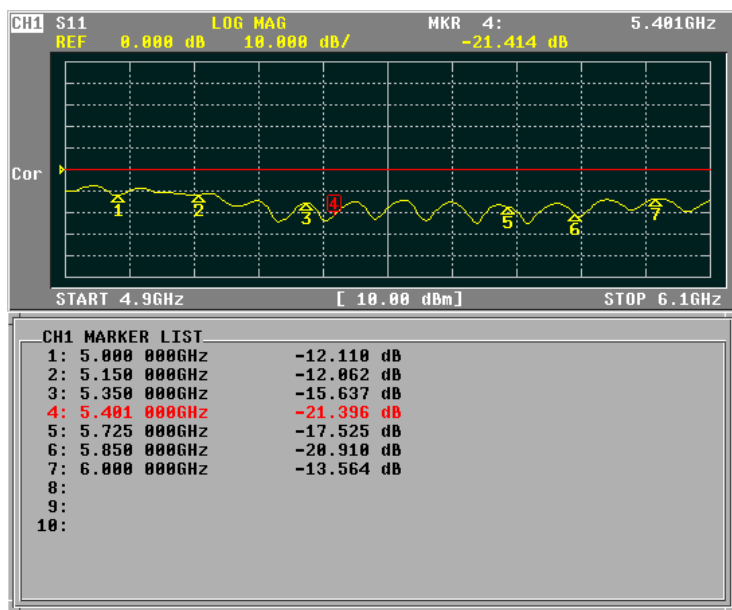
For further details:

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

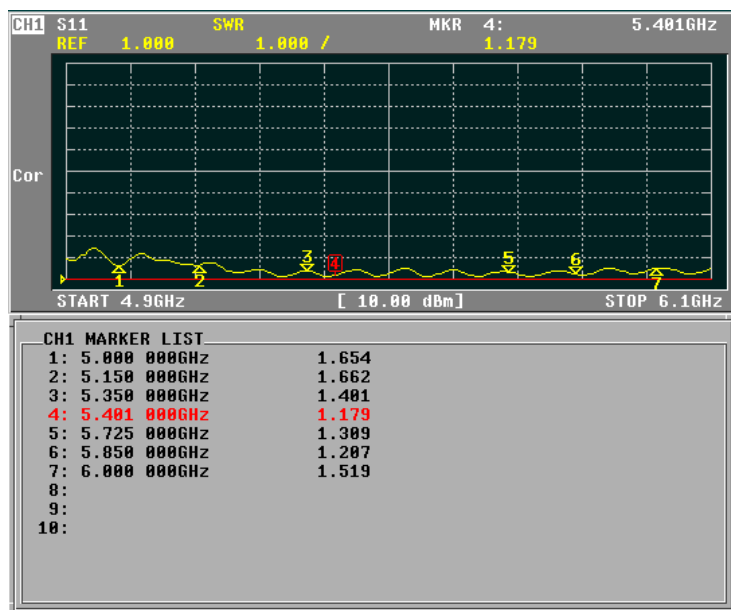
ASA-5818-120

5.1~5.9GHz Sector Antenna 18dBi

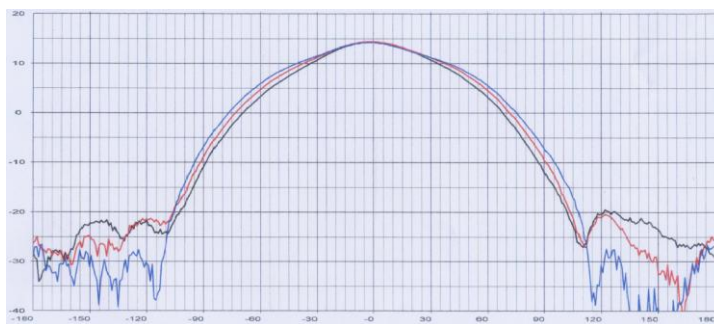
Network Analyzer Test Report



Return loss

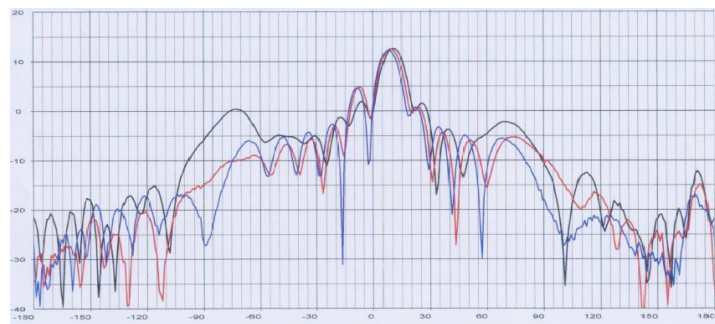


VSWR



Horizontal

H-plane co-pol ----- 3-dB beam-with=120°



Vertical

E-plane co-pol ----- 3-dB beam-with=12°