

DUAL BAND 2.4/5GHz DIPOLE ANTENNA 9dBi DA-DB-09RP-SMA-01

APPLICATIONS AND FEATURES

Applications:

- 2.4GHz-2.5GHz / 5.15~5.85GHz ISM Band
- IEEE 802.11a/b/g/n Wireless LAN
- 802.16WiMax Networks
- Public 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	Dipole Sleeve
Gain	9.0± 0.5dBi
Polarization	Linear
Horizontal Beam-with	360°
Impedance	50Ω
Connector	RP SMA MALE

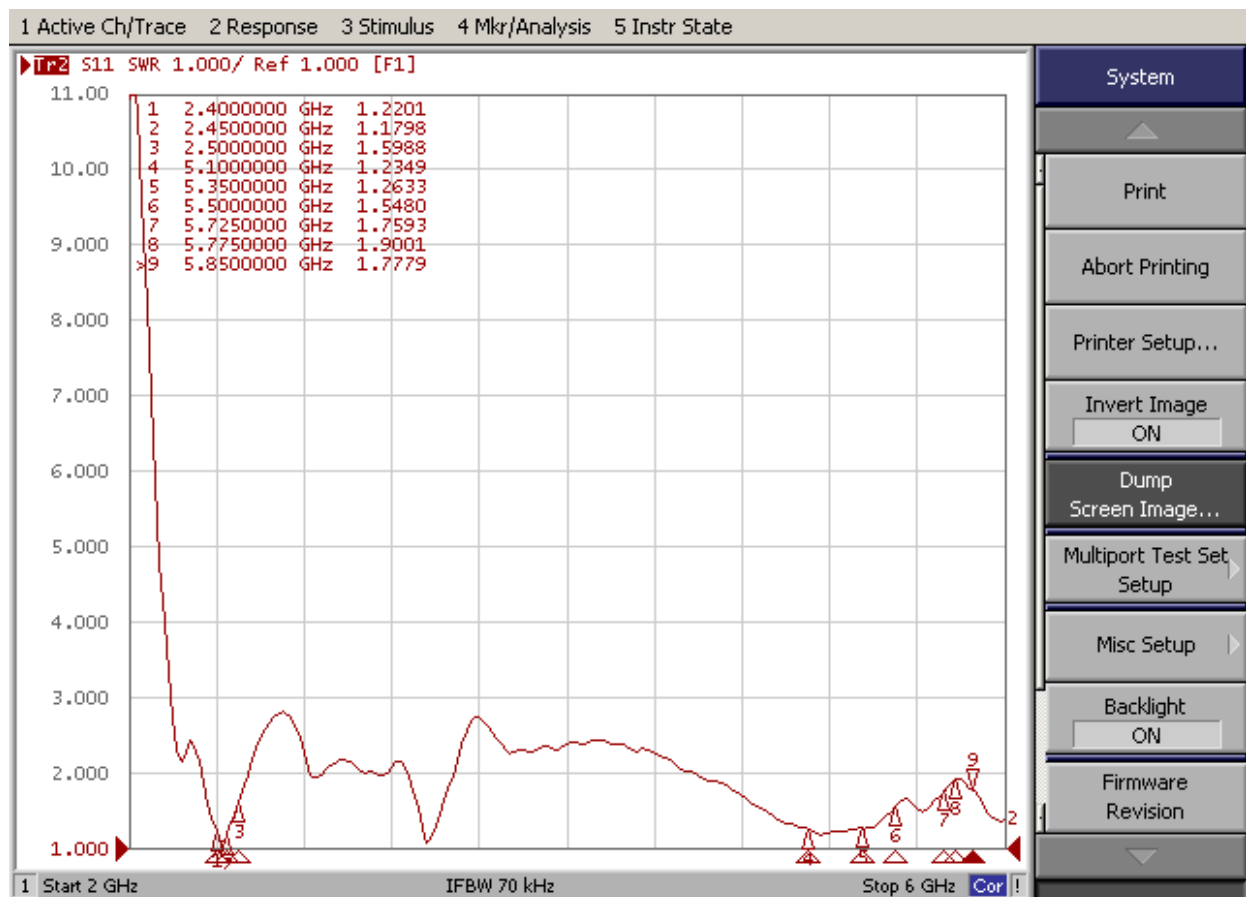
Mechanical Specifications

Dimension	394mm
Weight	48.5g
Housing	TPEE
Hinge	ABS
Color	Black
Operating Temperature	-20°C to +70 °C
Storage Temperature	-20°C to +70 °C

Test Item	Procedure	Requirement
Visual inspection and Dimension Check	Applicable methods using x5 magnification	follow specification
Rapid Changing of Temperature	-40°C (30minutes) to 90°C (30minutes); 24 cycles	After 2 hours recovery: 1. no visible damage 2. Freq. Tol.: < ±5%
Damp Heat	24 hours at 60°C; 90 ~ 95% RH	After 2 hours recovery: 1.no visible damage 2. Freq. Tol. : < ±5%
Endurance	24 hours at 90°C	After 2 hours recovery: 1. no visible damage 2. Freq Tol.: < ±5%

TESTING REPORT

VSWR



Hwayaotek

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(R.O.C.)

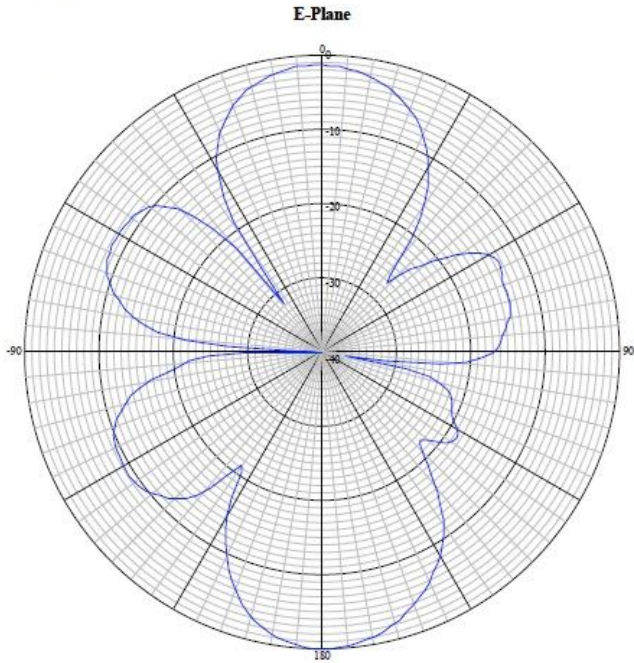
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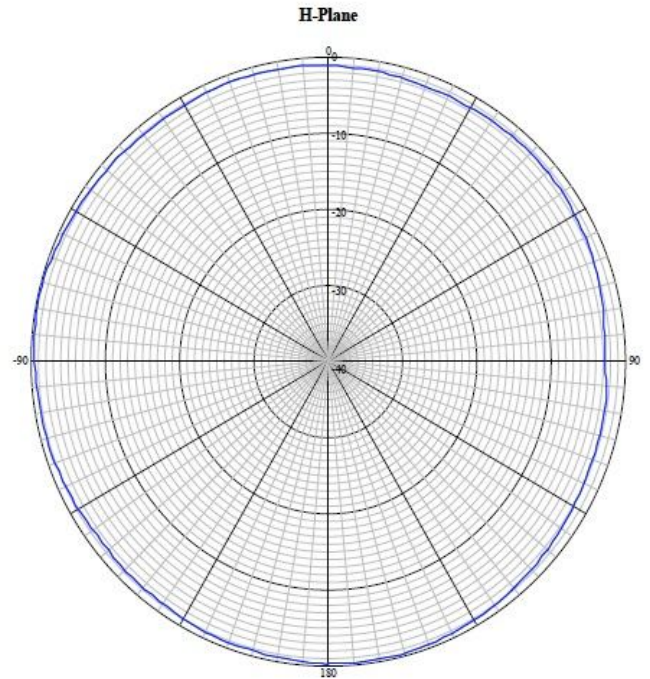
Antenna Vertical & Horizontal Pattern

2.4GHz

Vertical

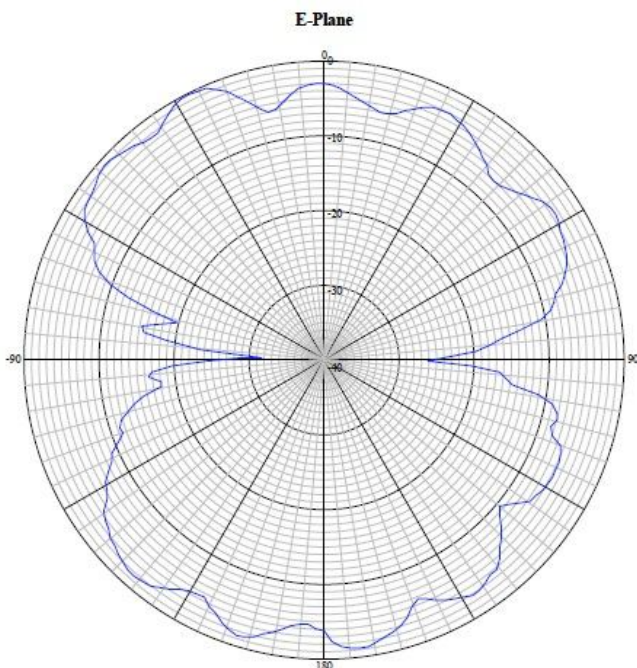


Horizontal



5.8GHz

Vertical



Horizontal

