Siretta
Enabling Industrial IoT

Echo 11

WiFi/WLAN PCB Antenna



Key Features

- Compact size
- 2.4 - 2.5GHz operation
- 1.13mm Coax Cable

General Description

The Echo 11 2.4GHz PCB antenna is an efficiently tuned PCB element that is suited to a wide variety of RF modules.

Suitable for Bluetooth, Zigbee, WLAN and ISM embedded applications. The antenna allows users a longer working range than a standard on board chip antenna which is offered on many modules.

Alternative cable lengths and connector types may be specified for volume orders.

Additional Considerations

- Suitable for ISM, Bluetooth, Zigbee and WiFi
- Adhesive mounting pad on back
- Improved gain over “on-board” chip antennas

E Embedded | WLAN 2400 | ISM 2450 | BLE Bluetooth | ZB Zigbee

Registered in England No. 08405712
VAT Registration No. GB163 04 0349

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Electrical Specifications

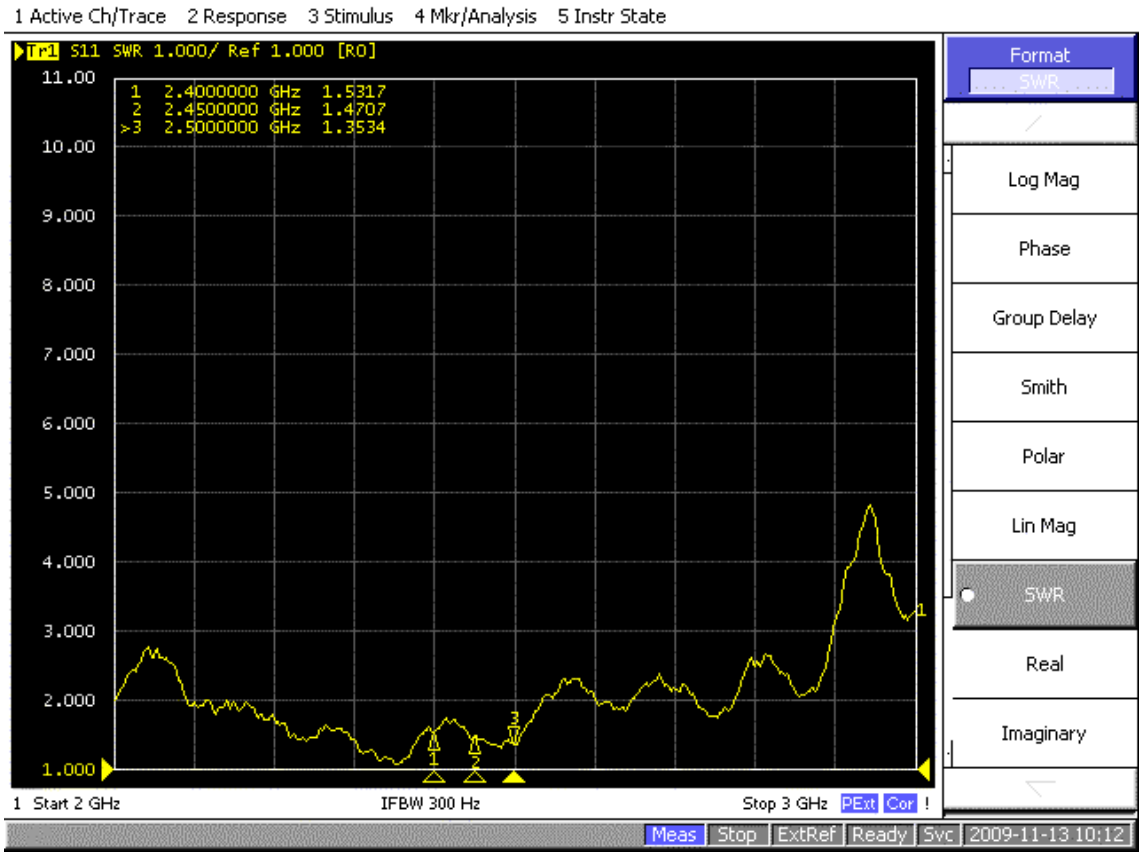
Operating Temperature Range:	-20 - +65°C
Impedance:	50 Ohm
Peak Gain:	2.6dBi
VSWR:	<1.6
Operating Frequency:	2.4 - 2.5GHz
Polarization:	Vertical
Radiating element and wave:	¼ wave dipole

Mechanical Specifications

Dimensions:	L45 x W10 x H1mm
Cable:	1.13mm Coax
Connector:	IPEX / UFL *

** The IPEX/UFL connectors are intermateable we don't specify which will be used*

VSWR



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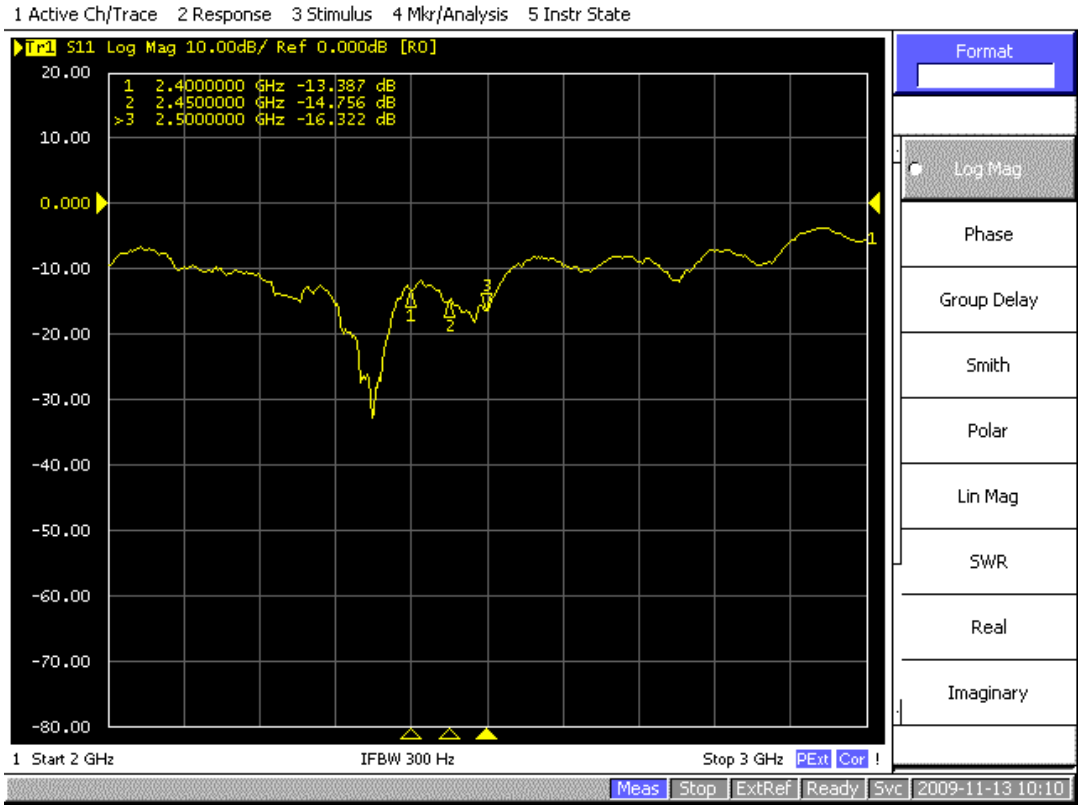
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Return Loss



Ordering Details

Part Number	Description
ECHO11/0.1M/IPEX/S/S/12	WiFi PCB Antenna, 100mm Cable, IPEX/UFL Connector
ECHO11/0.2M/IPEX/S/S/12	WiFi PCB Antenna, 200mm Cable, IPEX/UFL Connector

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