

Antenna Report

Trade Name : ASIX

Model NO : AXM22001-2A-C

Test Date : 2011/06/21

1 TEST SETUP

1.1 Return Loss (VSWR) and Gain Test

Test Equipment

1. Vector Network Analyzer, Anritsu

Test Architecture

Vector Network Analyzer



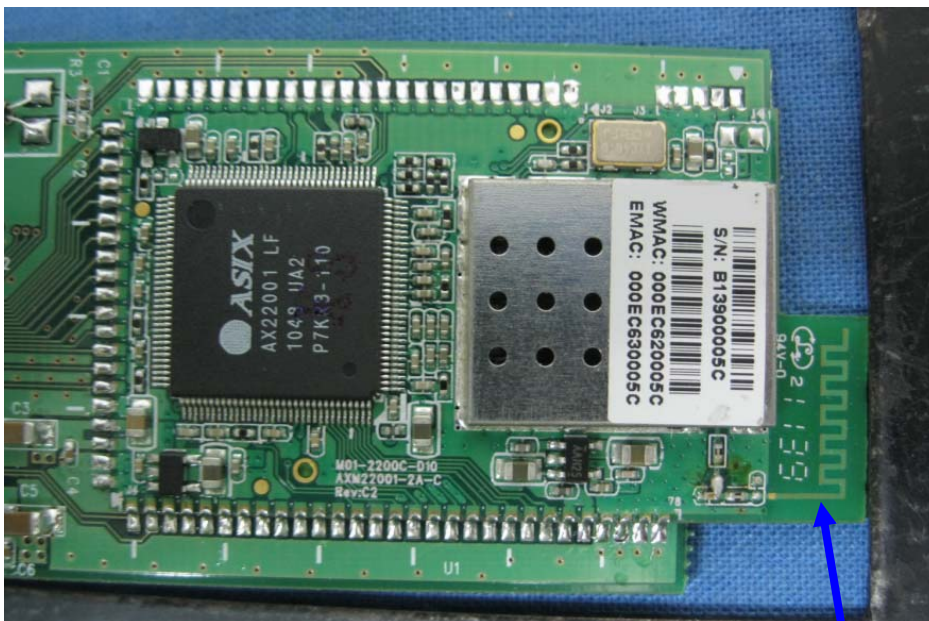
Test Procedure

1. Calibrate the vector network analyzer for one port reflection calibration with frequency range from 2GHz to 3GHz.
2. Solder a 50-ohm RF cable with an I-PAX connector on PCBA and assemble all the accessories and the housing.
3. Connect the network analyzer cable to the DUT through an I-PAX connector to antenna.
4. Measure the sample in the free space and record S11 (return loss).

2 TEST SUMMARY AND RESULT

ITEM	Specification
Model No.	AXM22001-2A-C
Antenna Type	PCB Antenna
Peak Gain (max.)	1.45 dBi
Average Gain	-2.87 dBi

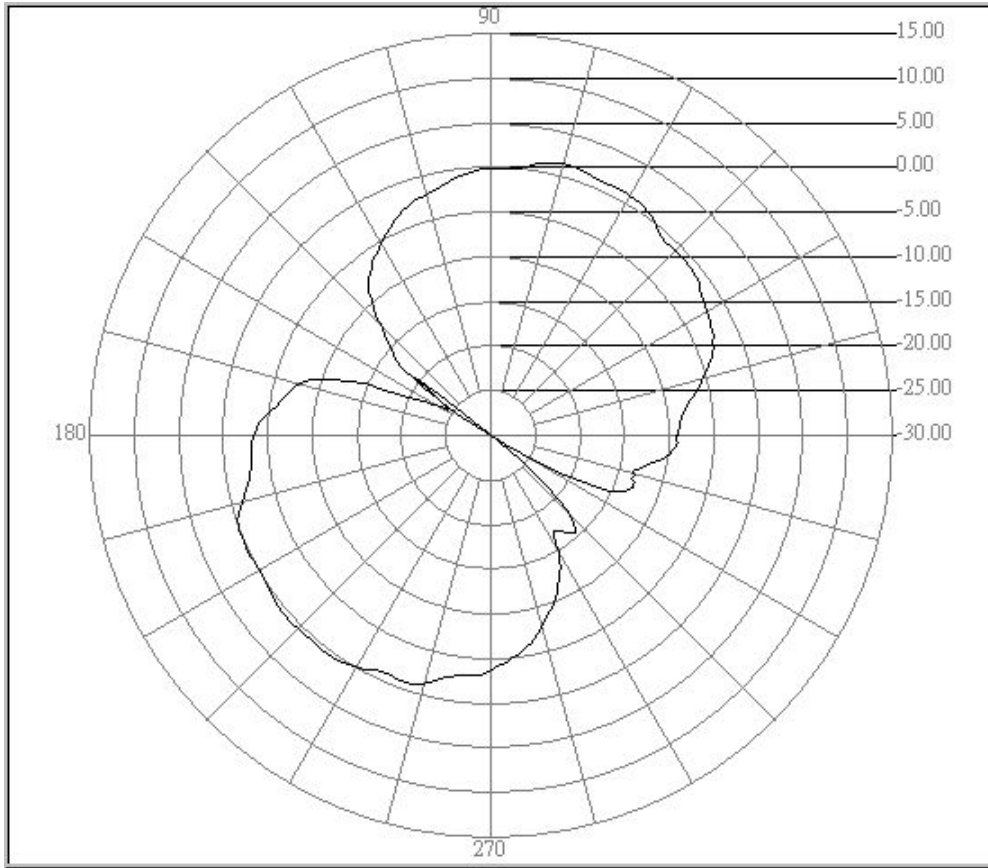
EUT Antenna Description



Antenna

3 ELECTRICAL CHARACTERISTICS

Antenna Pattern:



Center freq.(MHz): 2400

Polarization : E Plane

Max gain(dBi):1.45

Min gain(dBi):-40.71

Avg gain(dBi):-2.87