

MBT-9126
Antenna Return Loss
& Radiation Pattern
Test Comparison Report

Version: 0.1

Project Name: MBT-9126

Test Date: Sep4/12/2007

Tested by: Foxlink

& A Test Lab Techno Corp.

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Document History

Rev.	Date	Author	Reason for Changes
0.1	4/12/2007	Plato Lee	First Release

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TEST SETUP

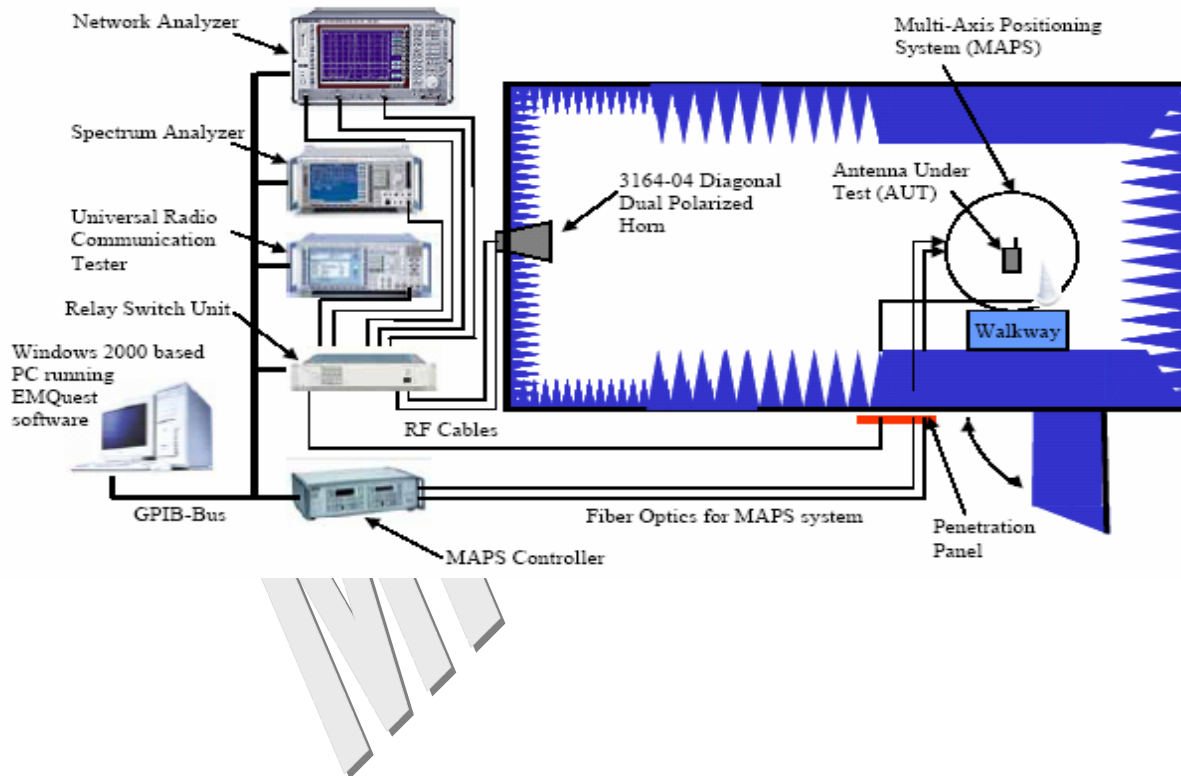
1.1 Test Unit

1. Hardware Version: HA-B-2
2. Housing:

1.2 Test Equipment

1. AMS-8500 System
2. Test Method: 3D radiation pattern
3. Test Lab: A Test Lab Techno Corp.

Typical AMS-8500 System Schematic



1.3 Test Result Summary

1.3.1 Return Loss

Frequency	2402MHz	2441MHz	2480MHz
Sample 1			

Unit: dB

1.3.2 Radiation Pattern at 2402,2441,2480MHz

Frequency	2402MHz	2441MHz	2480MHz
Average Gain (dBi)	-6.97	-5.74	-6.23
Peak (dBi)	-1.75	-0.59	-0.91

Unit: dBi

1.4 Unit 1 Return Loss and Radiation Pattern

1.4.1 Return Loss

1.4.2 Radiation Pattern @ 2441MHz

Free Space:

HA-B-2.pdf

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