



Antenna Test Report

Applicant : Electronics Tomorrow Limited

Address : Unit903-7, 9/F., Tower 1, Harbour Center, 1 Hok Cheung Street, Hung Hom, Kowloon, HK

Product Type : PCB Antenna

Trade Name : NA

Model Number : A480

Test Specification : ANSI/IEEE Std 149-1979

Receive Date : 04 May, 2015

Test Period : 06 May, 2015

Issue Date : 08 May, 2015

Prepared By

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Reviewed By:

A handwritten signature in black ink, appearing to read 'Shizlongy'.



TABLE OF CONTENTS

1	OPERATIONAL AND TEST PROCEDURE OF THE AUT	3
2	RESULT SUMMARY.....	3
3	Test Result	4
3.1.	Antenna Pattern.....	4
3.2.	Power Gain.....	5
3.3.	Efficiency	6
4	SET-UP Photograph	7
5	AUT Photograph	8

1 OPERATIONAL AND TEST PROCEDURE OF THE AUT

The AUT is feed by a coaxial cable inserted with an attenuator and positioned along the required MAPS centerline. Then the AUT is stepped between 0 and 180 degrees along the theta axis in 15-degree increments. At each theta position, the phi axis is stepped from 0-360 degrees or from 360-0 degrees.

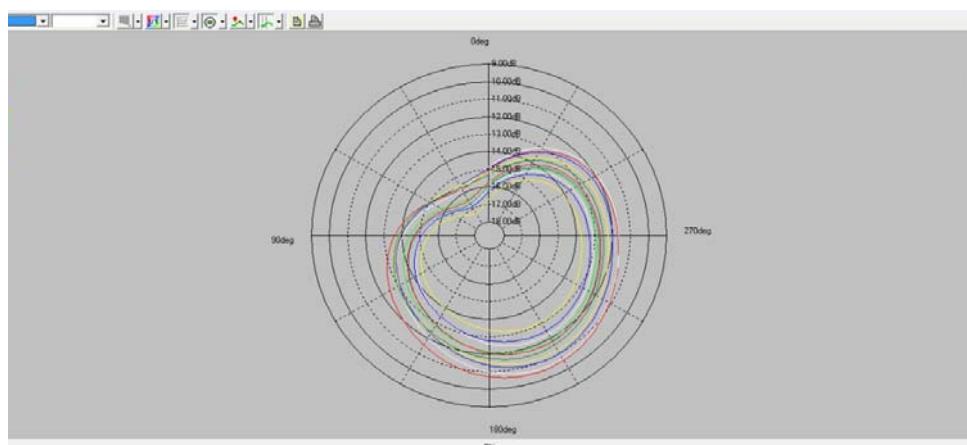
During measurements and tests, the AUT is in passive mode and feed by CW signals at specified frequency points. Data is recorded using the test system software for both theta and phi polarizations at each position.

2 RESULT SUMMARY

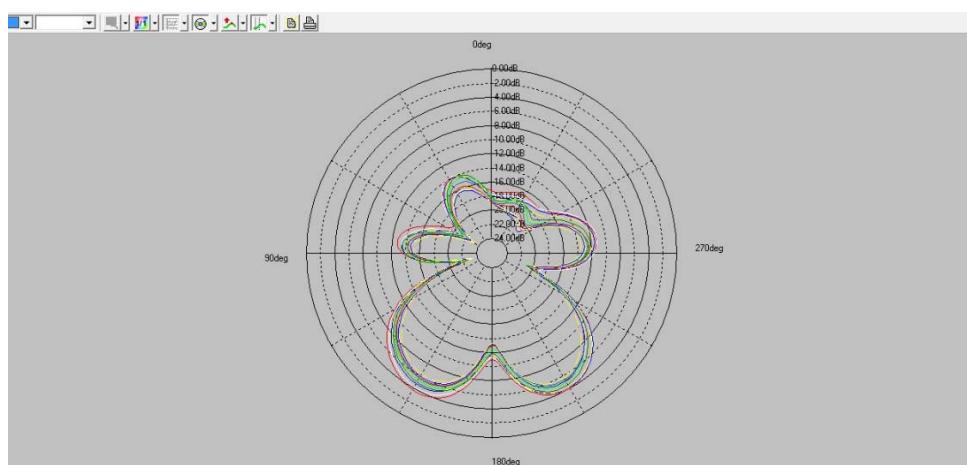
Description of Test Item	Site NO.	Standard	Results	Remark
Antenna Pattern	OTA Chamber	ANSI/IEEE Std 149-1979	-	-
Power Gain	OTA Chamber	ANSI/IEEE Std 149-1979	-	-
Efficiency	OTA Chamber	ANSI/IEEE Std 149-1979	-	-
Directivity	OTA Chamber	ANSI/IEEE Std 149-1979	-	-

3 Test Result

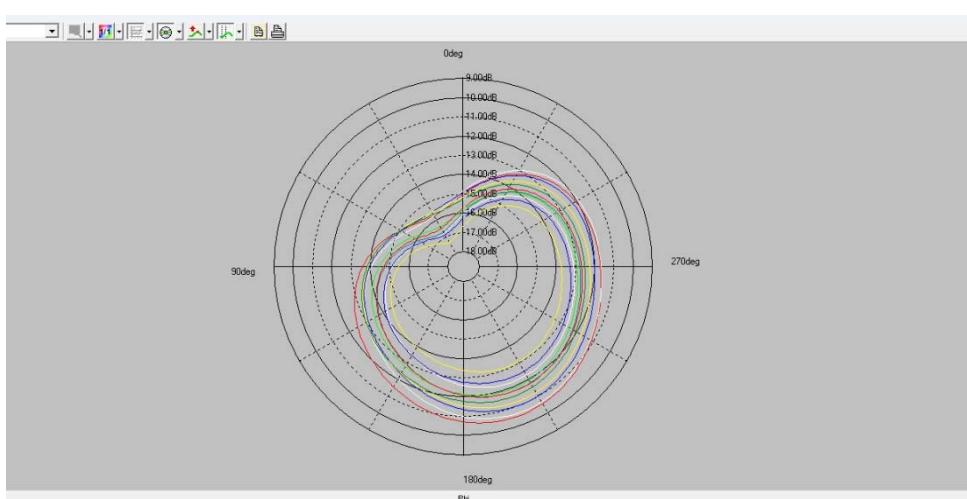
3.1. Antenna Pattern



Theta Axis (Phi=0)

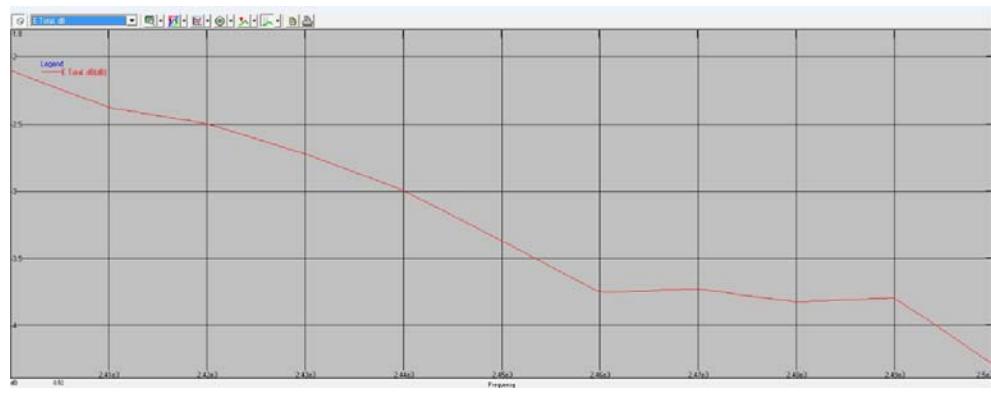


Theta Axis (Phi=90)



Theta 90°

3.2. Power Gain



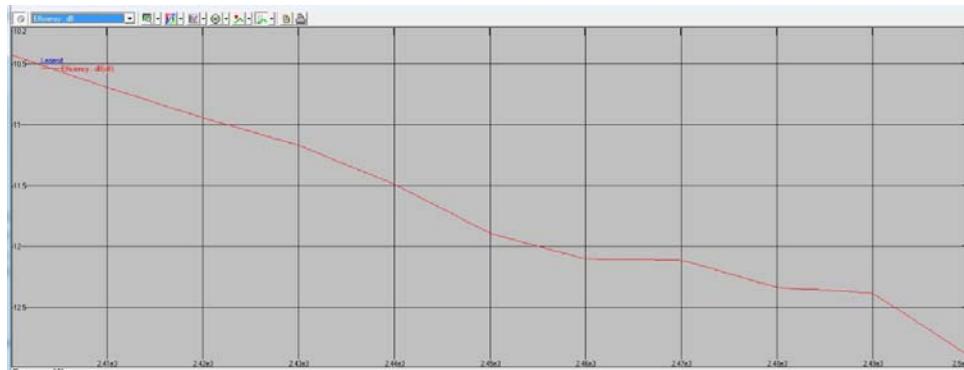
Power Gain at Different Frequency Points

Power Gain (dB) Results

Frequency(MHz):2400

Peak Gain:-2.1dB

3.3. Efficiency



Efficiency Power Gain at Different Frequency Points

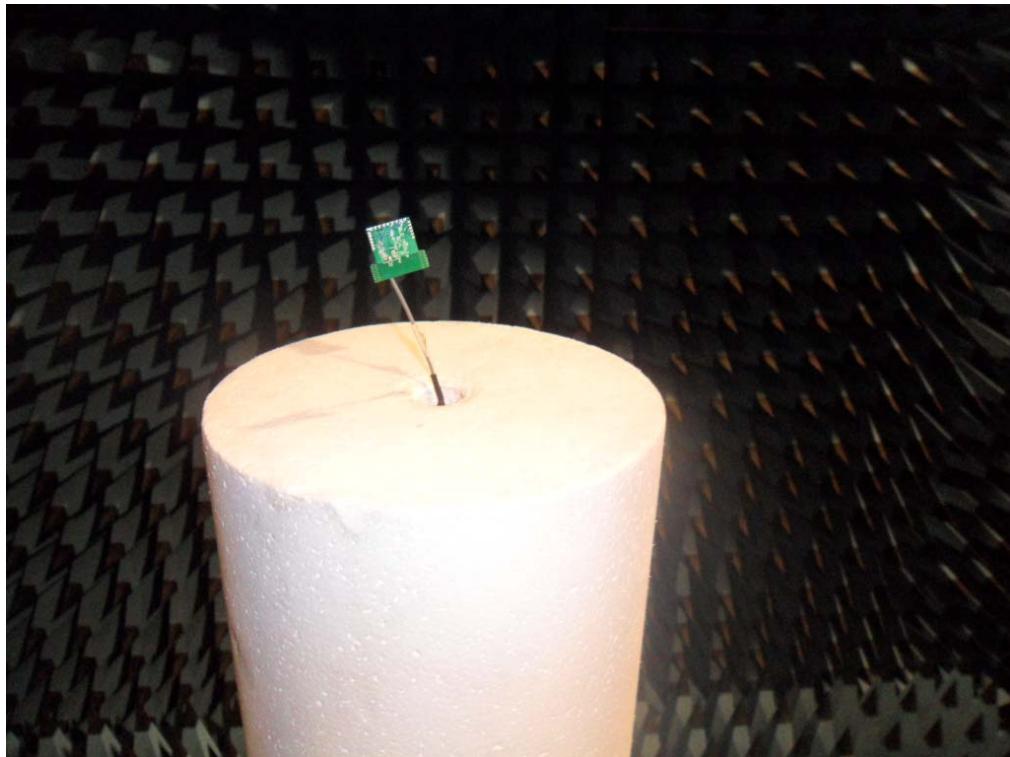
Efficiency Results

Frequency(MHz):2400

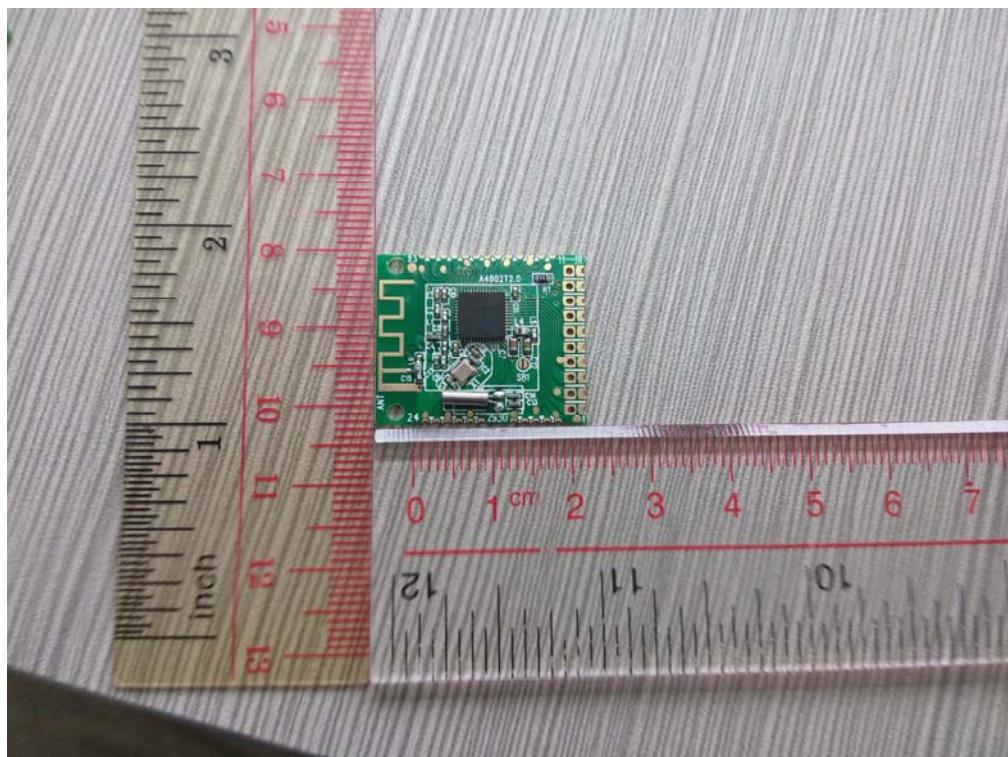
Efficiency: 0.09

Efficiency . dB: -10.42

4 SET-UP Photograph



5 AUT Photograph



-End of Report-
