

ANTENNA TEST REPORT

FOR

Product Name: AKR250 2.4G PIFA Antenna

Model Name: AKR250-ANT-01

Part Number: N/A

Brand Name: N/A

Report No.: ER/2007/70002-01

Issue Date: Aug. 23. 2007

Prepared for: A Class Learning Technology Inc.
15F-1, No. 343, Chung Ho Rd., Yung Ho
City, Taipei, Taiwan

Prepared by: SGS Taiwan Ltd.
No. 134, Wu Kung Rd., Wuku Industrial Zone,
Taipei County, Taiwan.

Note: This report shall not be reproduced except in full, without the written approval of SGS Taiwan Ltd. This document may be altered or revised by SGS Taiwan Ltd. personnel only, and shall be noted in the revision section of the document.

Test By:

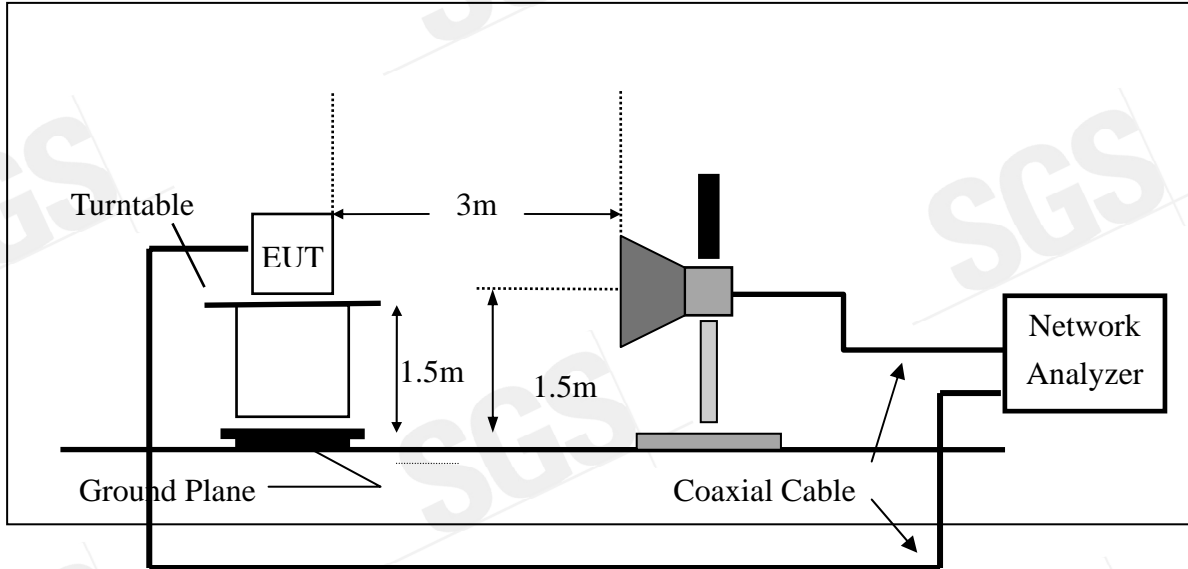
Jazz Huang

Date

Aug. 23. 2007

Jazz Huang

1. Test SET-UP (Block Diagram of Configuration)

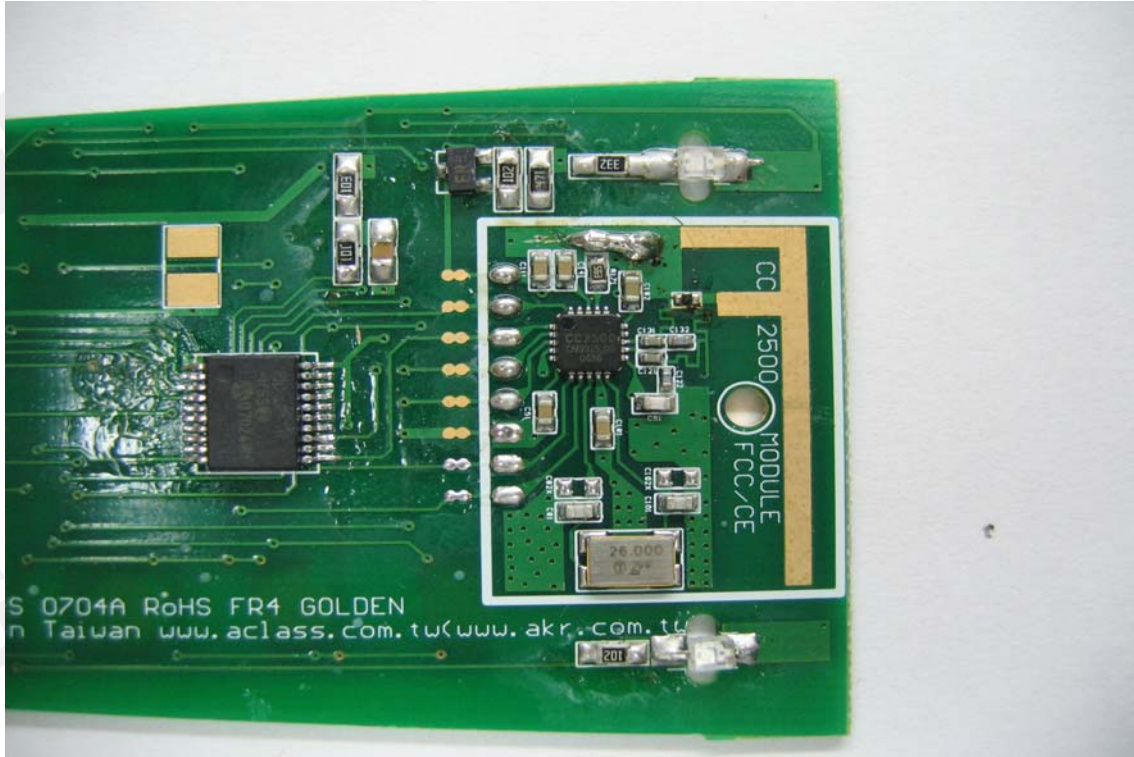


Measurement Equipment Used:

EQUIPMENT TYPE	MFR	MODEL NUMBER	SERIAL NUMBER	LAST CAL.	CAL DUE.	Cal. Lab.	Note
Horn antenna	Schwarzbeck	BBHA 9120D	309/320	12/01/2006	12/01/2007	ETC	Calibration based on the article 24-2-4-2-Ha of the radio law
Network Analyzer	Aglient	8714ET	US41442815	11/01/2006	11/01/2007	ETC	
Turn Table	HD	DT420	N/A	N.C.R	N.C.R	N/A	
Antenna Tower	HD	MA240-N	240/657	N.C.R	N.C.R	N/A	
Controller	HD	HD100	N/A	N.C.R	N.C.R	N/A	
1166 chamber	TDK	Fully chamber	S0006150	N.C.R	N.C.R	N/A	

2. Geometry of structure

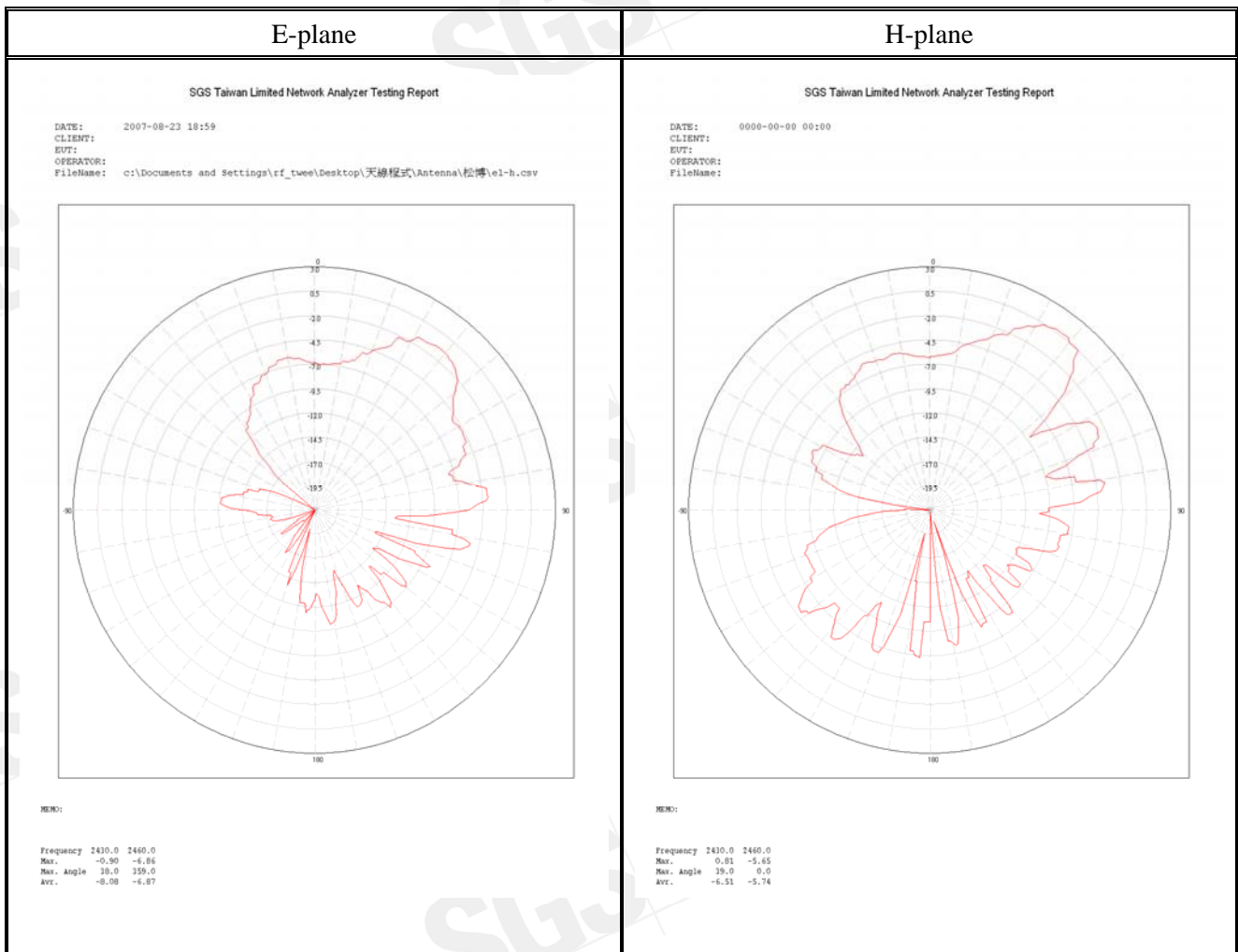
Figure 1



This document is issued by the Company subject to its General Conditions of Service which is available on request or accessible at www.sgs.com. Attention is drawn to the limitations of liability, indemnification and jurisdictional issues defined therein. Unless otherwise stated, the results shown in this test report refer only to the sample(s) tested. This document cannot be reproduced except in full, without prior approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this report is unlawful and offenders may be prosecuted to the fullest extent of the law. 此報告是遵循本公司訂定之通用服務條款所製作發放，相關服務條款備索，或可在 www.sgs.com 中查閱，本公司之義務、免責、管轄權皆明確規範其中。除非另有說明，此報告結果僅對檢驗之樣品負責。本報告未經本公司書面許可，不可部份複製。對本報告內容或外觀之任何未經授權之變更、偽造、竄改皆屬非法，違犯者將會被依法追訴。

3. Test Result:

2430 MHz Test Result:	
E-Plane antenna Peak Gain	= -0.90dBi
E-Plane antenna Average Gain	= -8.08dBi
H-Plane antenna Peak Gain	= 0.81dBi
H-Plane antenna Average Gain	= -6.51dBi
Impedence	= 50.1 ohms
VSWR	≤ 2



This document is issued by the Company subject to its General Conditions of Service which is available on request or accessible at www.sgs.com. Attention is drawn to the limitations of liability, indemnification and jurisdictional issues defined therein. Unless otherwise stated, the results shown in this test report refer only to the sample(s) tested. This document cannot be reproduced except in full, without prior approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this report is unlawful and offenders may be prosecuted to the fullest extent of the law. 此報告是遵循本公司訂定之通用服務條款所製作發放，相關服務條款備索，或可在 www.sgs.com 中查閱，本公司之義務、免責、管轄權皆明確規範其中。除非另有說明，此報告結果僅對檢驗之樣品負責。本報告未經本公司書面許可，不可部份複製。對本報告內容或外觀之任何未經授權之變更、偽造、竄改皆屬非法，違犯者將會被依法追訴。