

**ANTENNA TEST REPORT****FOR****Product Name: Bluetooth Adapter****Model Name: HSTNN-AH01****Part Number: N/A****Brand Name: HP****Report No.: EF/2008/10012****Issue Date: Jan.24.2008****Accton Technology Corporation****Prepared for: No.1 Creation 3rd Rd., Science-based Industrial Park, Hsinchu 30077, Taiwan, R.O.C.****SGS Taiwan Ltd.****Electronics & Communication Laboratory****Prepared by: No. 134, Wu Kung Rd., Wuku Industrial Zone, Taipei County, Taiwan.**

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**Test By:**

Jazz Huang

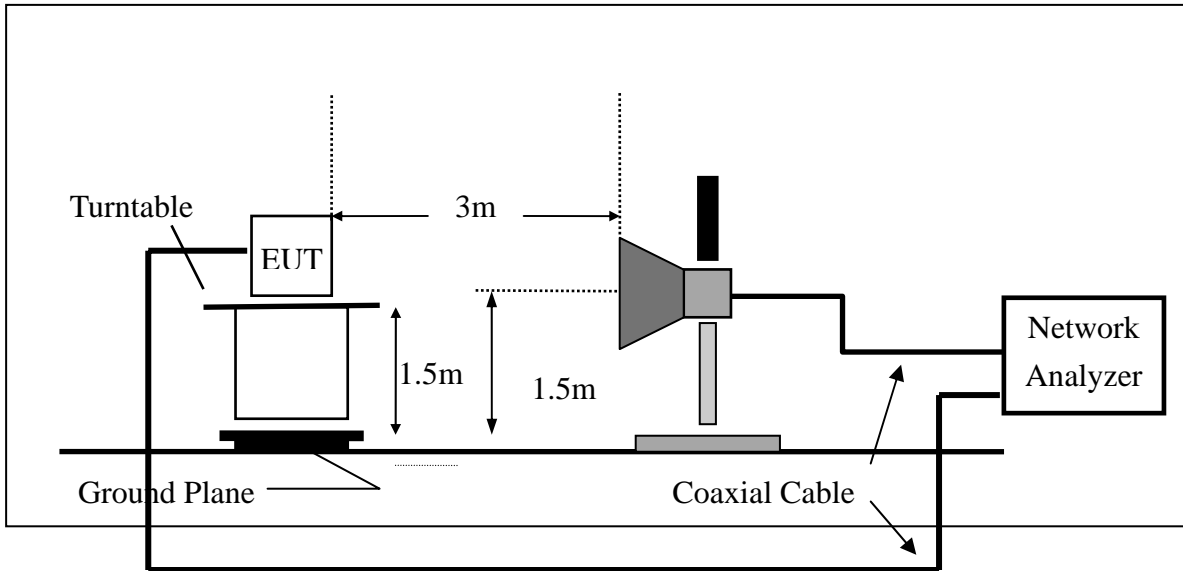
**Date**

Jan,24,2008

**Jazz Huang/Engineer**

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

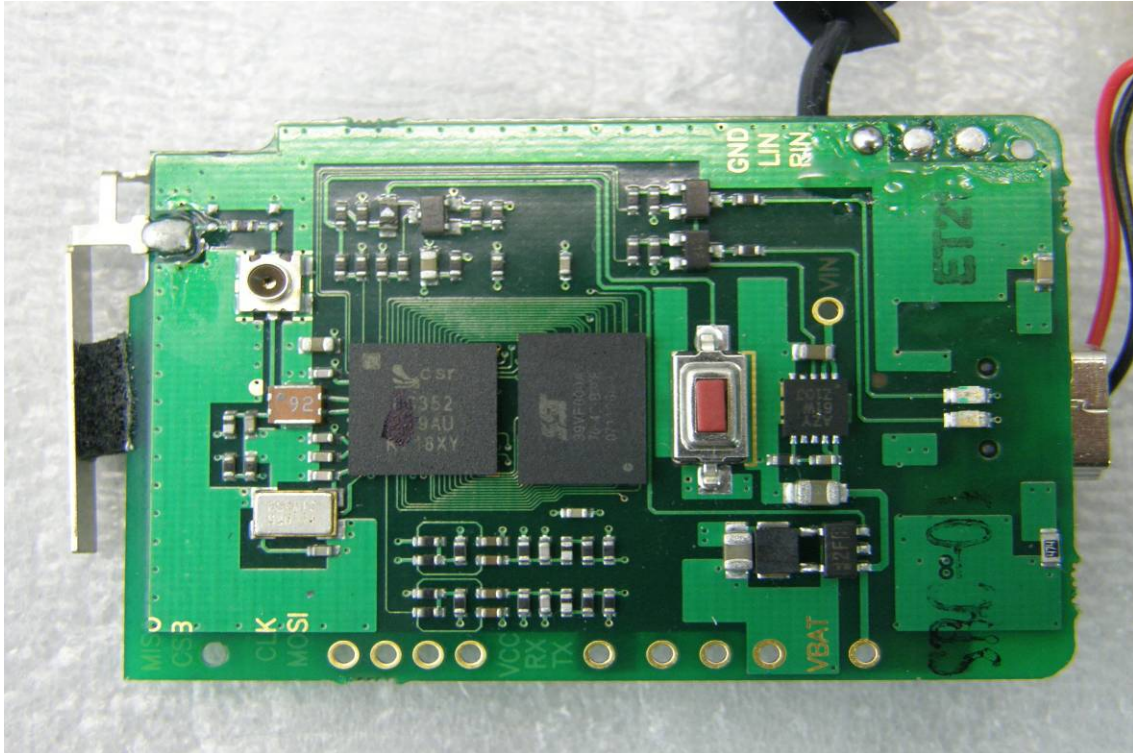


Measurement Equipment Used:							
EQUIPMENT TYPE	MFR	MODEL NUMBER	SERIAL NUMBER	LAST CAL.	CAL DUE.	Cal. Lab.	Note
Horn antenna	Schwarzbeck	BBHA 9120D	309/320	12/01/2007	12/01/2008	ETC	Calibration based on the article 24-2-4-2-Ha of the radio law
Network Analyzer	Aglient	8714ET	US41442815	11/01/2007	11/01/2008	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	

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## 2. Geometry of structure

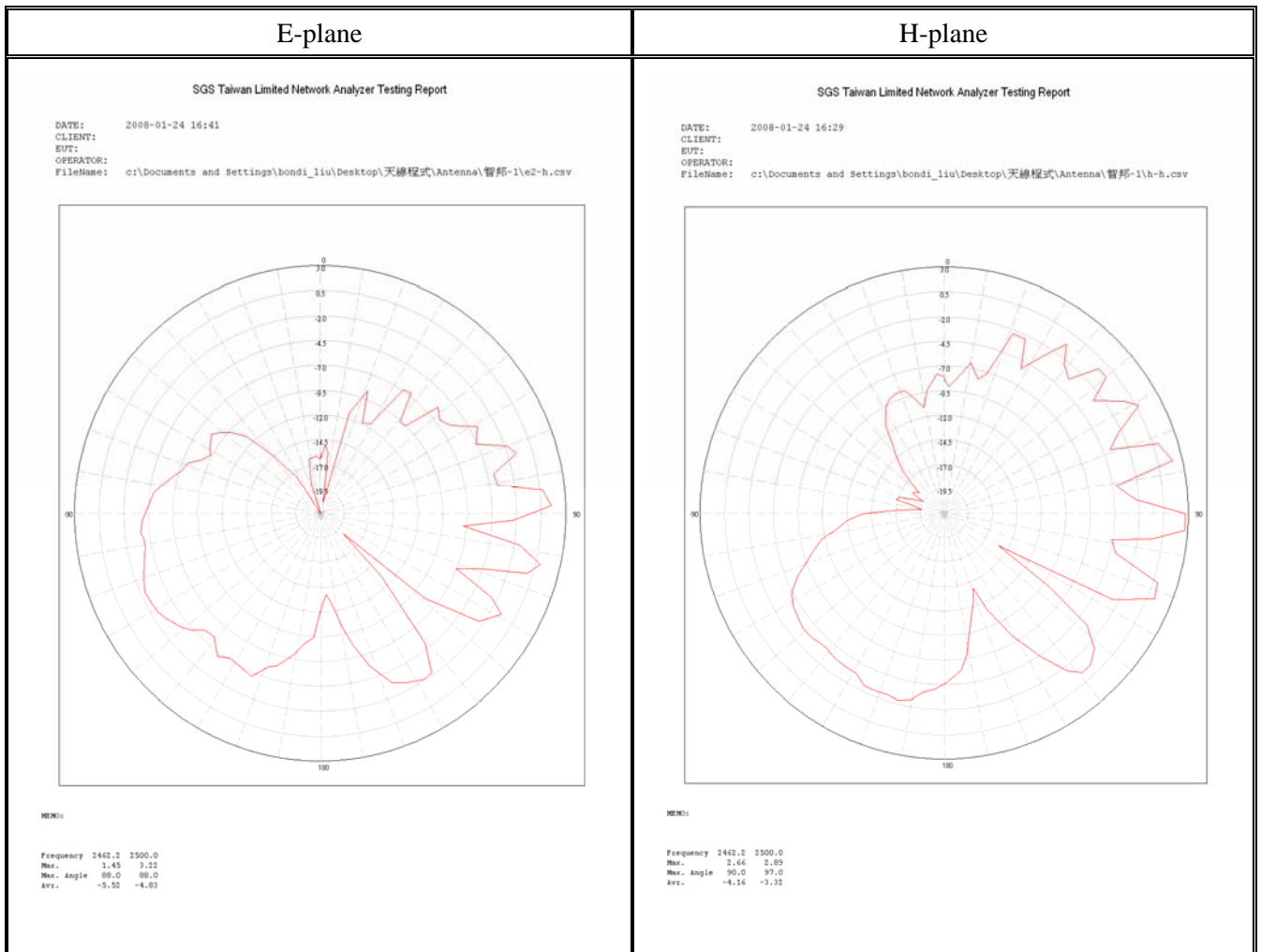
Figure 1



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3. Test Result:

2462 MHz Test Result:	
E-Plane antenna Peak Gain	= 1.45 dBi
E-Plane antenna Average Gain	= -5.52 dBi
H-Plane antenna Peak Gain	= 2.66 dBi
H-Plane antenna Average Gain	= -4.16 dBi
Impedence	= 50.1ohms
VSWR	≤ 2



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