

ANTENNA TEST REPORT**FOR**

Product Name: YFBT01

Model Name: YFBT01

Part Number: N/A

Brand Name: YoFree

Report No.: EF/2007/90003

Issue Date: Sep. 11, 2007

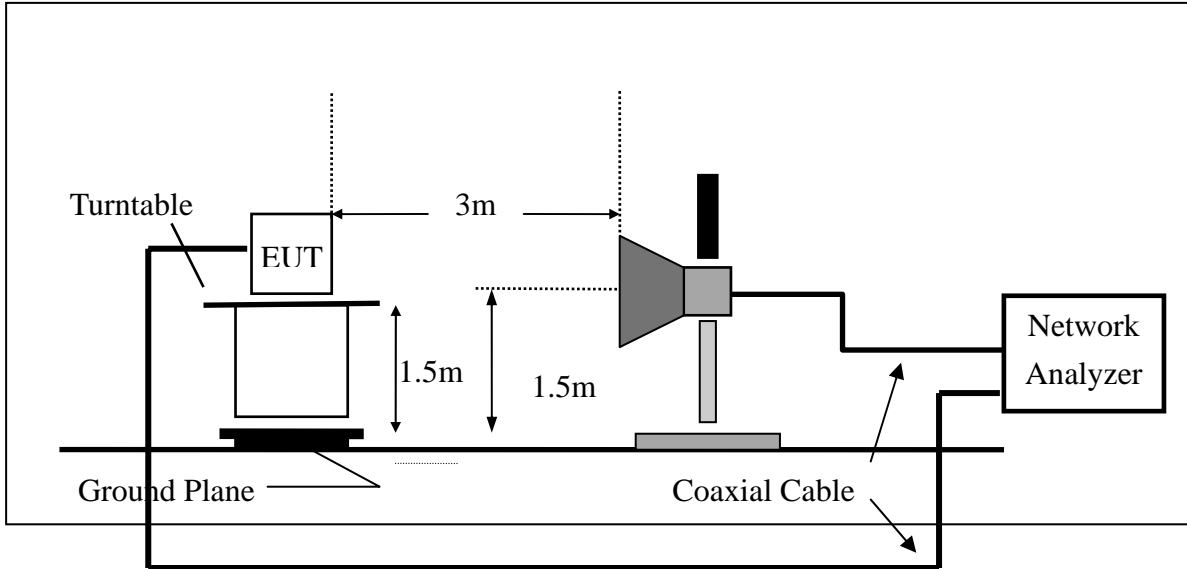
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R.O.C

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Test By: (original signature) **Date** Sep. 11, 2007

Bangde Liu/Engineer

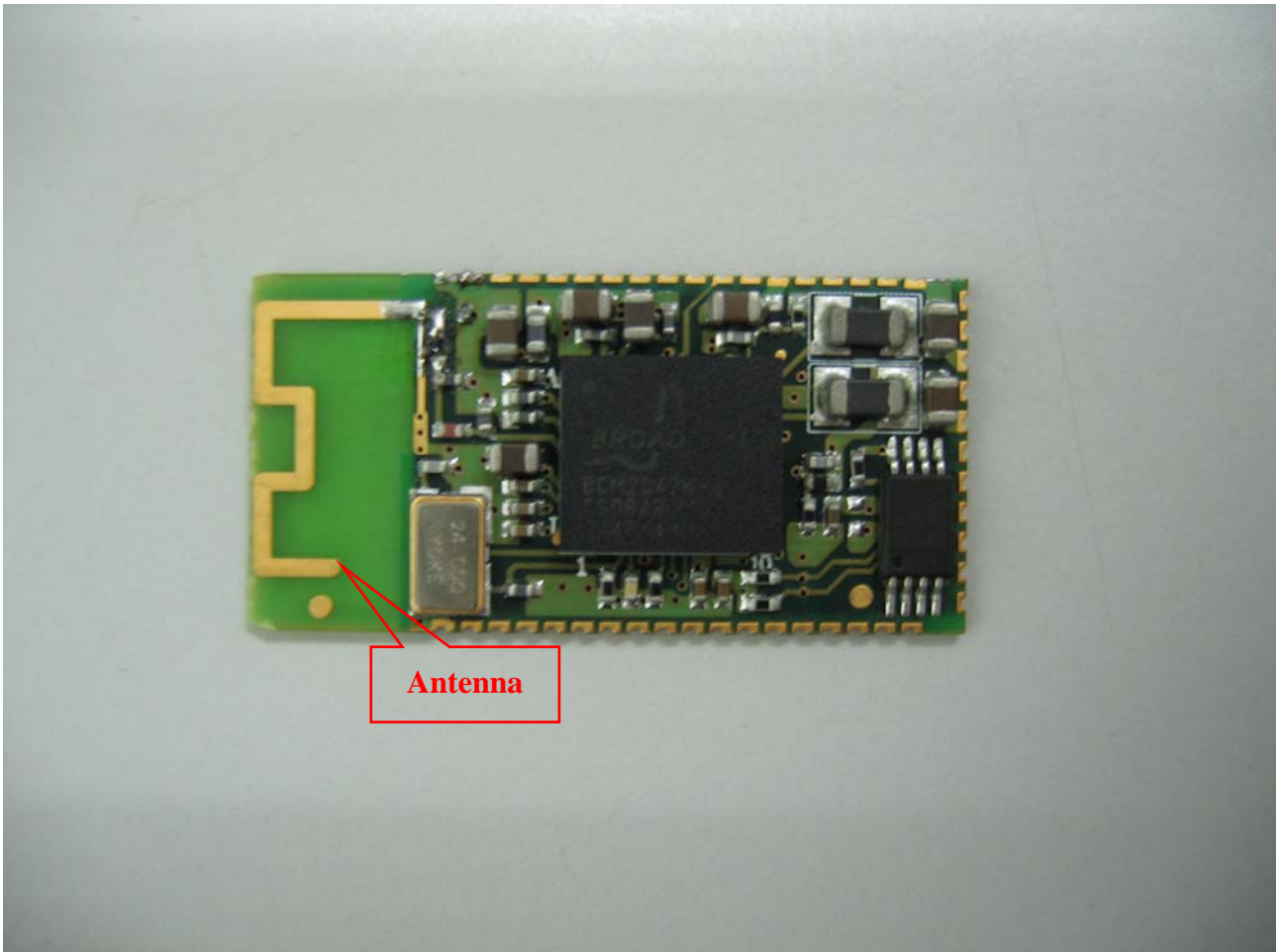
1. Test SET-UP (Block Diagram of Configuration)


| Measurement Equipment Used: | | | | | | | |
|-----------------------------|-------------|---------------|---------------|------------|------------|-----------|---|
| EQUIPMENT TYPE | MFR | MODEL NUMBER | SERIAL NUMBER | LAST CAL. | CAL DUE. | Cal. Lab. | Note |
| Horn antenna | Schwarzbeck | BBHA 9120D | 309/320 | 12/01/2005 | 12/01/2006 | ETC | Calibration based on the article 24-2-4-2-Ha of the radio law |
| Network Analyzer | Aglient | 8714ET | US41442815 | 11/01/2005 | 11/01/2006 | 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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Geometry of structure

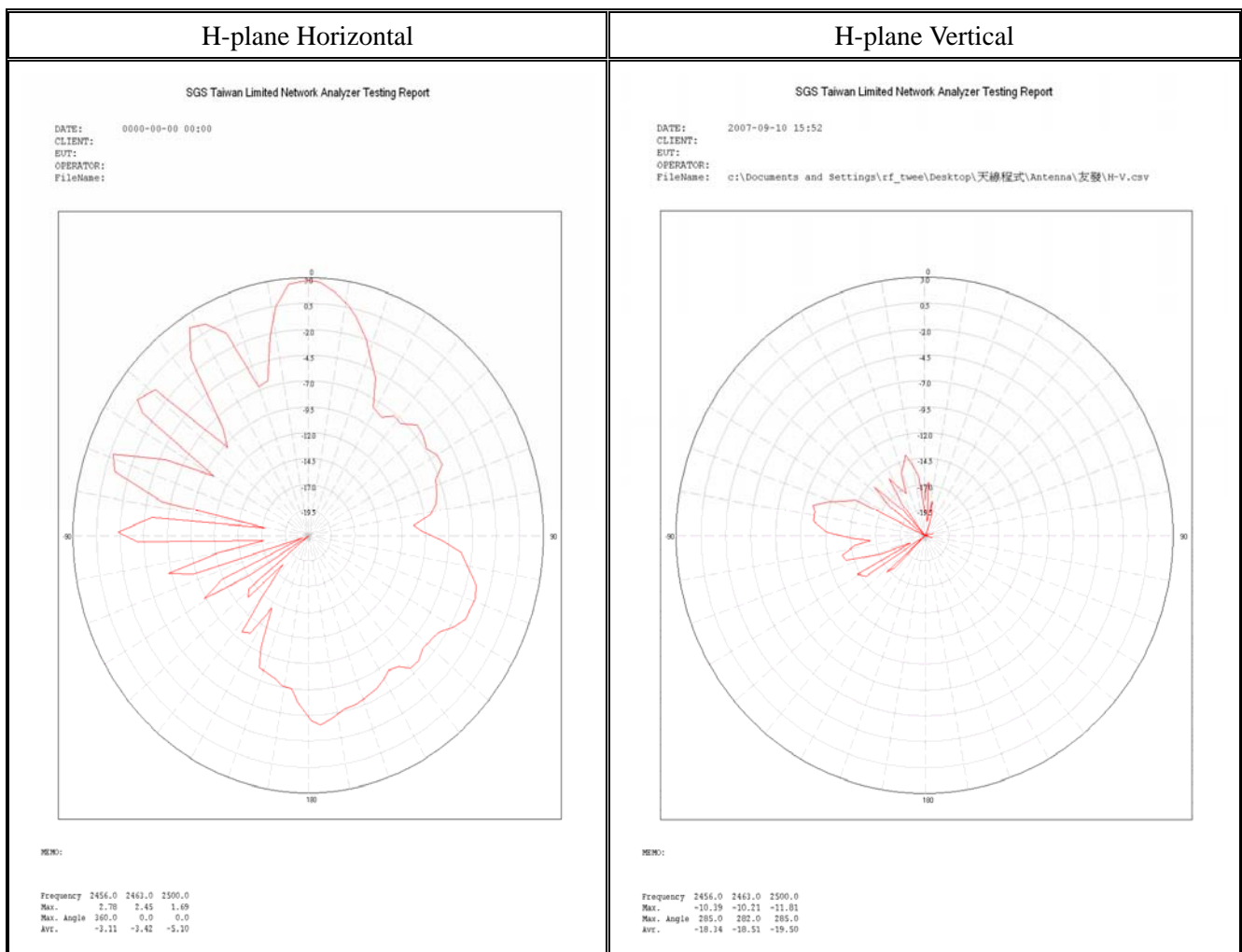
Figure 1



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3. Test Result:

| 2456 MHz Test Result: | |
|---|-------------|
| H-plane Horizontal antenna Peak Gain | =2.78 dBi |
| H-plane Horizontal antenna Average Gain | = -3.11 dBi |
| H-plane Vertical antenna Peak Gain | =-10.39dBi |
| H-plane Vertical antenna Average Gain | =-18.34dBi |
| Impedence | = 50 ohms |
| VSWR | ≤ 2 |



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