



Specification No. AEC_AB_110516_03

Messrs : Jenocom

Approval Sheet for Product Specification

Issued Date : Dec. 31. 2003

Product Description : SMD Type Chip Antenna

Customer Part No. :

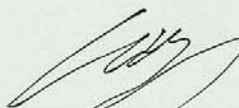
AUTO Part No. : AEC_AB_002

Date :
Company :
Dept. :
Approved by (Signature) (Type)

The duplicate of this specification shall be returned to us with your authorized signature. Unless it reaches us by Jan. 30, 2004 it shall be mutually understood that this specifications have been duly approved by you.

Technical Dept.

Prepared by



(Signature)
(Type)

Approved by



(Signature)
(Type)

Manager

Product Engineering Section

Antenna Products Department

Auto Electronic Corp.

(Company name/Dept.)

Specification Sheet

Object	Chip Antenna	REV.	1.1	Page	1 of 6
Model Name	AEC_AB_002	Date	Dec. 22, 2003		
System	Bluetooth Module	Written by	S. O. Hong		

Electrical Specification

Frequency	2.4 ~ 2.485 (GHz)
Bandwidth	400 [MHz] - 1.8 [pF] (feed line)
V. S. W. R	1.9:1 (max)
Gain (max)	0 (dBi)
Input Impedance	50 (Ω)
Polarization	Linear

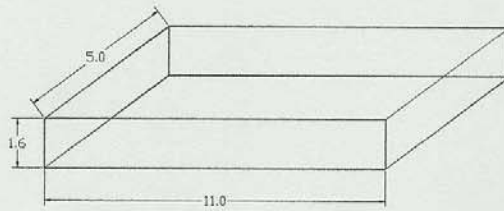
Mechanical Specifications

Size	11×5×1.6 (mm)
Weight	0.2 (g)
Radiator Material	Copper
Operation Temperature	-30 ~ 90 (°C)
Operation Humidity	10 ~ 90 (%)

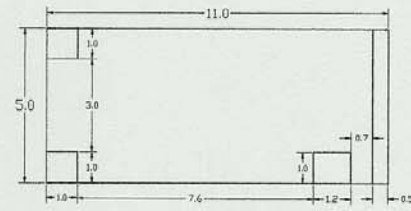
Option	
Note.	- Feed Line에 1.8 [pF]을 적용 했을 때에 대한 Data임

1. Dimension

- 11mm(L)×5(W)×1.6(H)

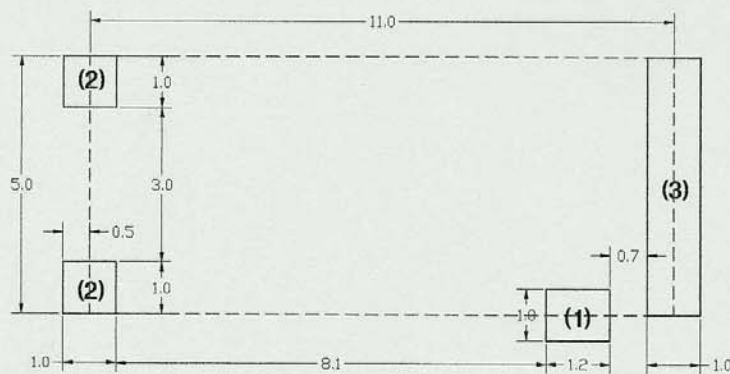


Dimension



Bottom land pattern

- * The chip antenna is required to be used on our suggested PCB.

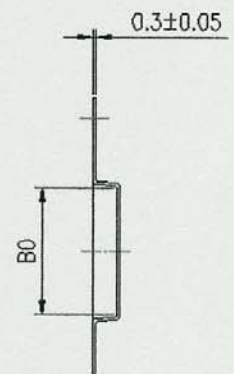
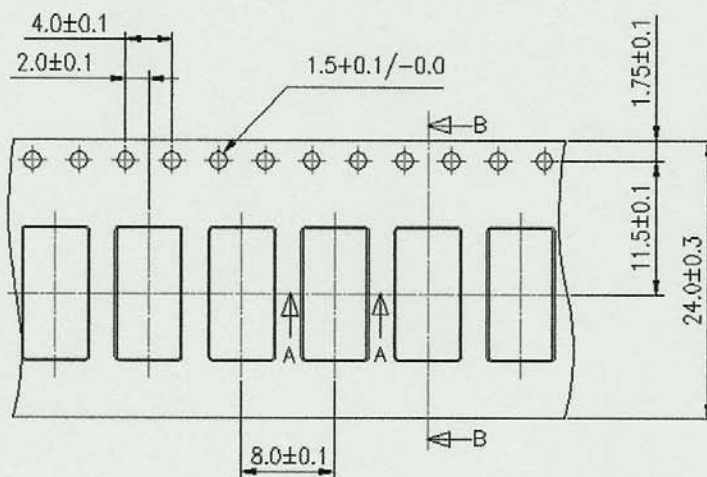


Recommended land pattern

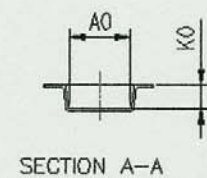
- (1) Feed point
- (2) NC(Mount points)
- (3) GND

2. Taping

• Dimension of Tape (Plastic Case)



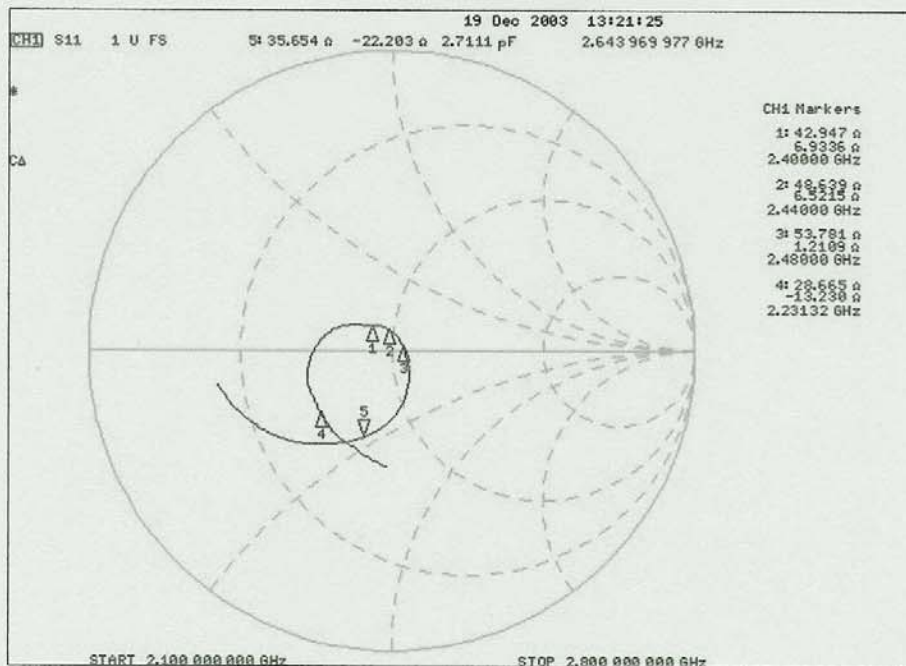
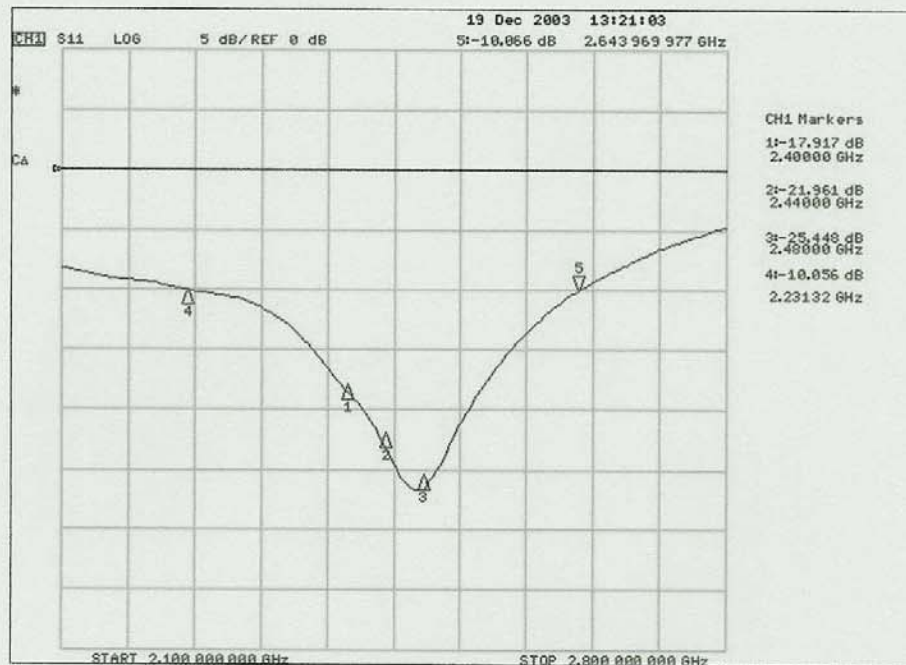
SECTION B-B



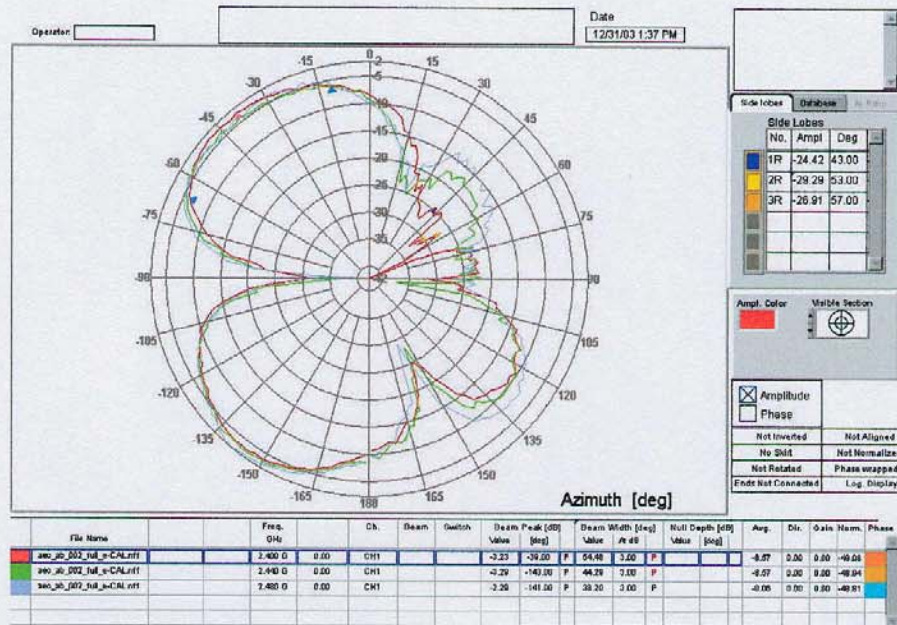
SECTION A-A

- 주)
 1. 지시없는 라운딩 Max R0.5
 2. 빠짐기울기 Max 5°
 A0 : 5.40 ± 0.10
 B0 : 11.40 ± 0.10
 K0 : 2.10 ± 0.10

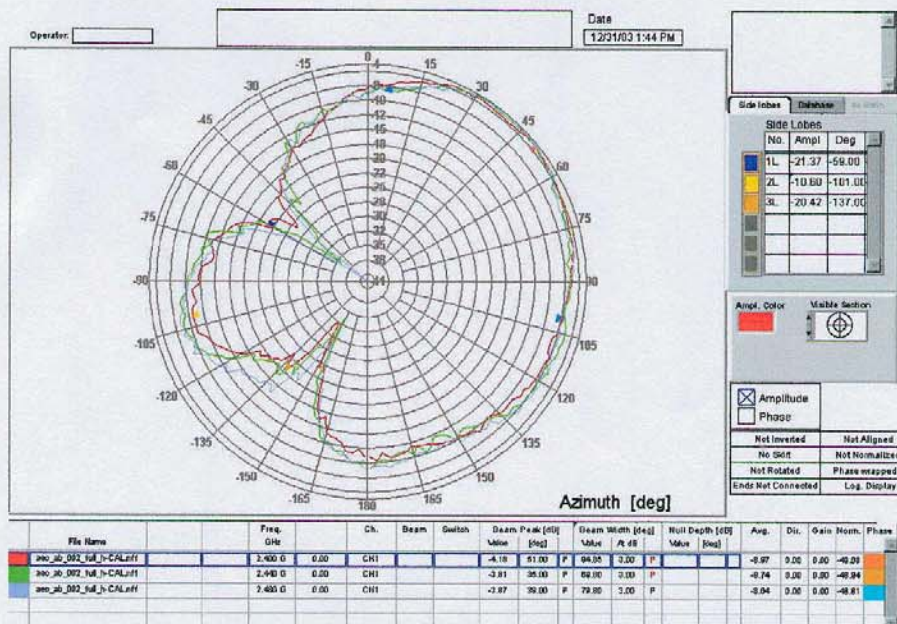
3. Characteristic



4. Gain and Directivity



E-plan



H-plan

<완전 조립상태>