

# AHD140308A2446JR

Preliminary

## 1. Features

- a) Small sizes and low profile
- b) Wide frequency range



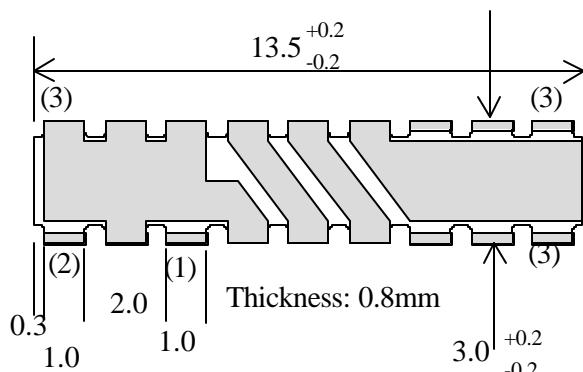
## 2. Specifications

Type	AHD140308A2446JR
Dimensions	13.5 × 3 × 0.8 mm
Operating frequency	2400 – 2484 MHz
Operating temperature	-25 - +85 °C

## 3. Characteristics (Reference)

Bandwidth in VSWR ≤ 2	140 MHz
Gain –peak-	0 dBd
Gain –average-	-6.6 dBd
Radiation Efficiency	36 %

## 4. Dimensions

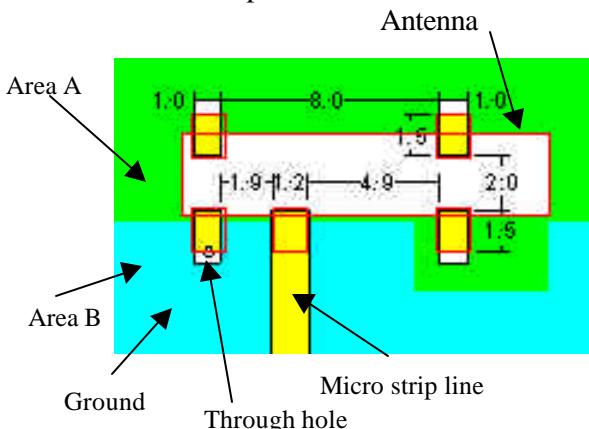


(1) in/out terminal

(2) GND

(3) Fixing Electrode (should be connected to the floating pad)

## 5. Recommended land pattern

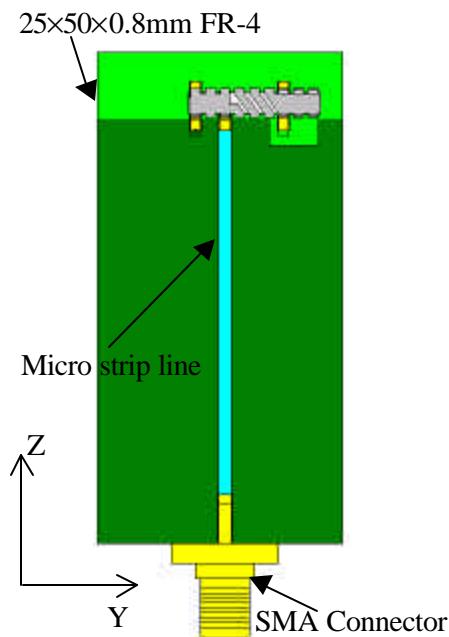


### Note:

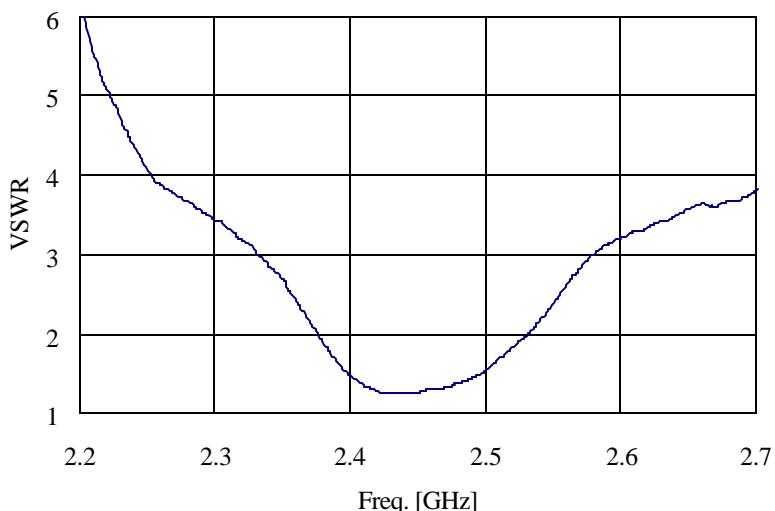
\*1 We recommend to make ground plane on area 'B'.  
You may not make ground plane on area 'A'.

\*2 Please connect this land to the ground with thru holes.

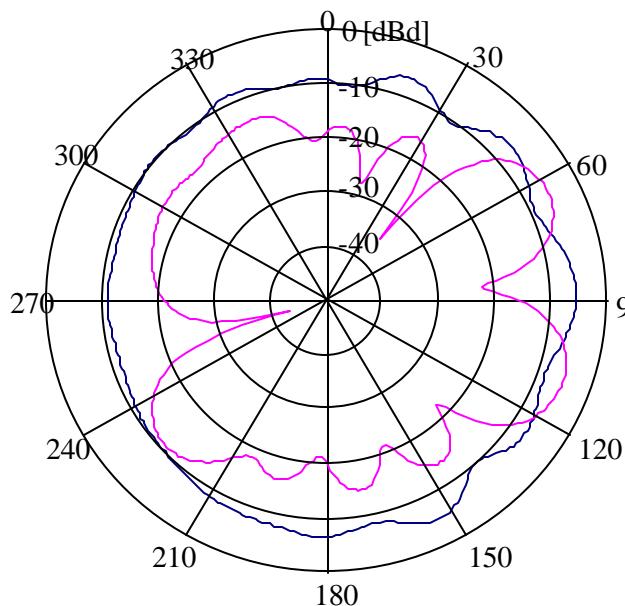
## 6. Test Board



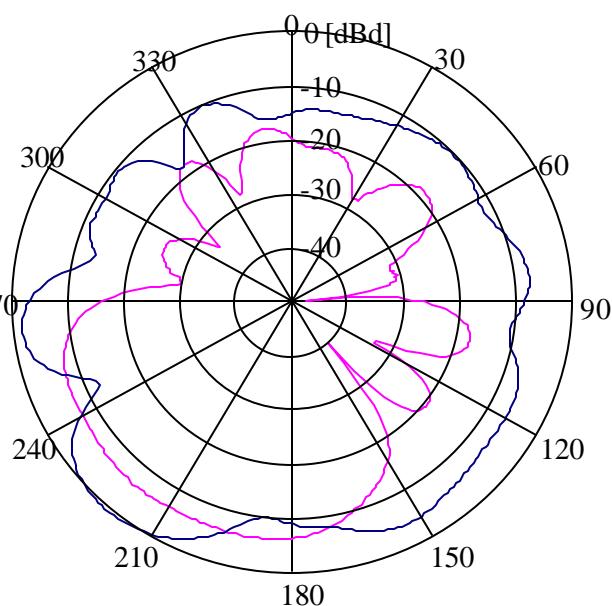
## 7. VSWR vs. Frequency



## 8. Radiation pattern in XY plane f=2442MHz



## 9. Radiation pattern in YZ plane f=2442MHz



## Note:

- (1) The specifications given herein may be changed or modified at anytime without prior notice.
- (2) Please request specifications for the part in which you plan on using.

## Contact us:

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