

## Data Sheet

Model : ANTB18-127A0

Frequency : 2.4~2.5GHz

Connector : HIROSE U.FL

Cable : TOP .... 60mm  
BOTTOM .... 210mm

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### SANSEI ELECTRIC CO., LTD.

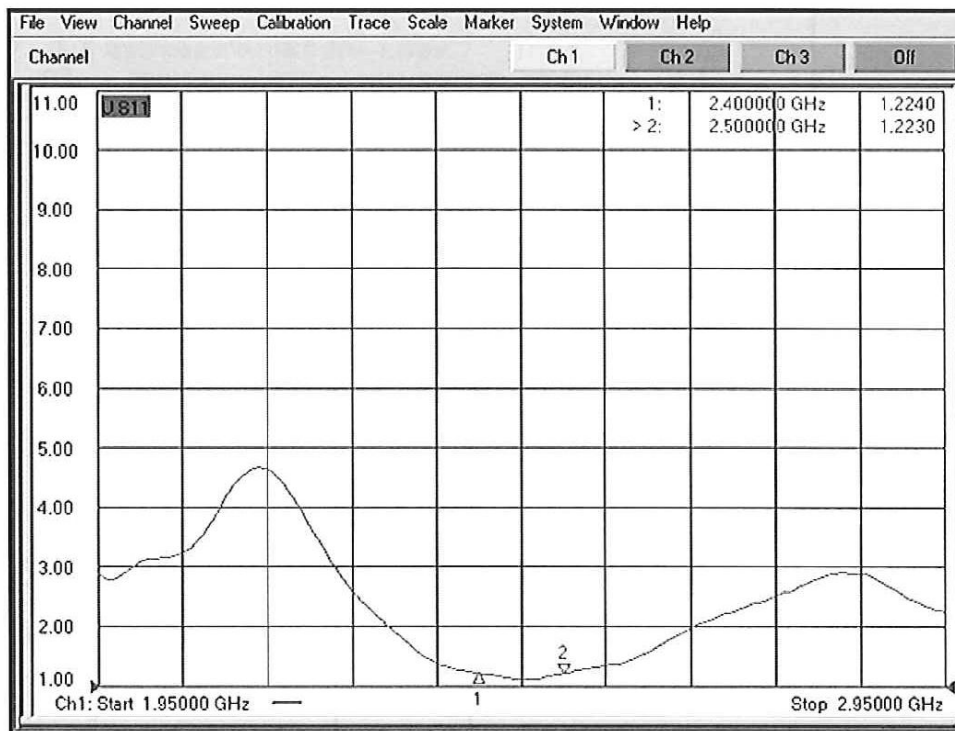
〒142-0063 5-11-13, EBARA, SHINAGAWA-KU,  
TOKYO, JAPAN

TEL 03-3784-5103 / FAX 03-5749-7270

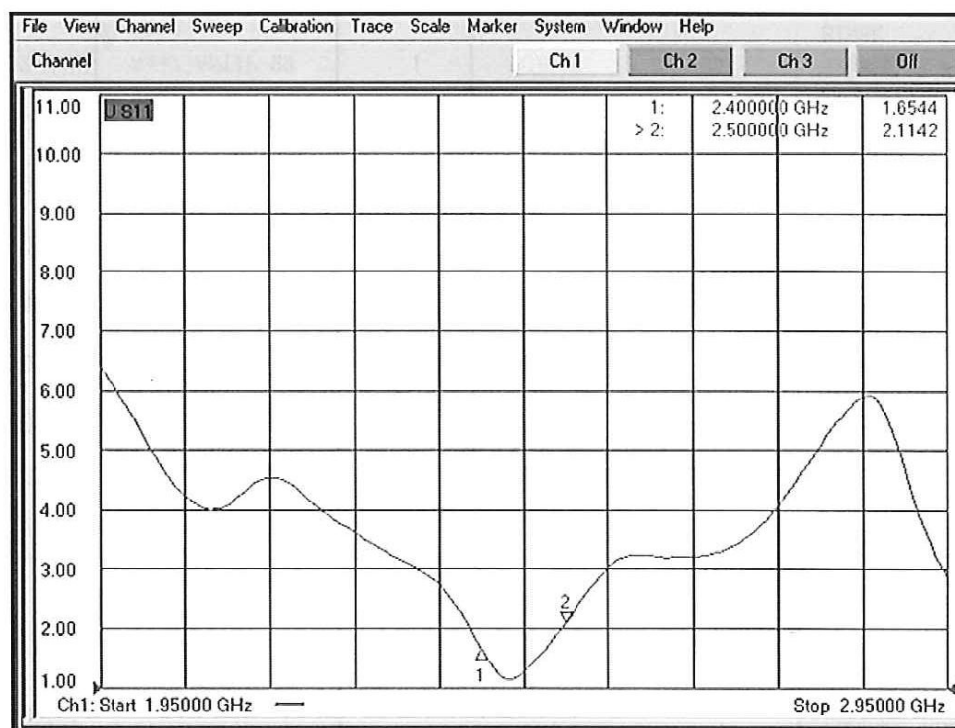
<http://www.sansei-e.co.jp>

| APVD. | CHCD. | DSGD.                 |
|-------|-------|-----------------------|
|       |       | '09.04.13<br>Kiyofuji |

# VSWR

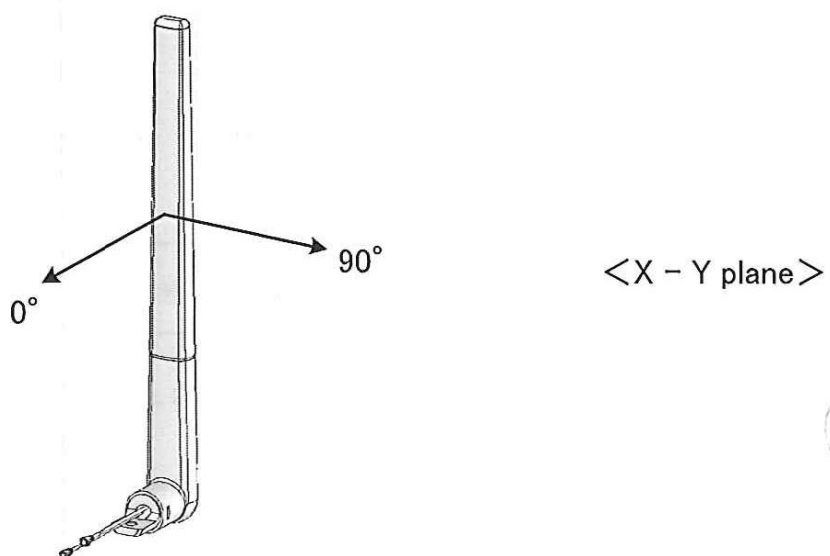
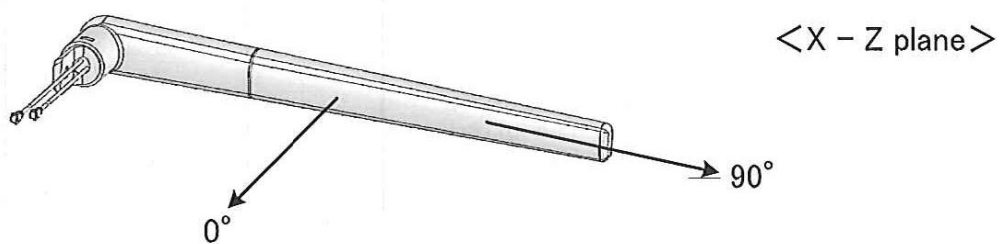
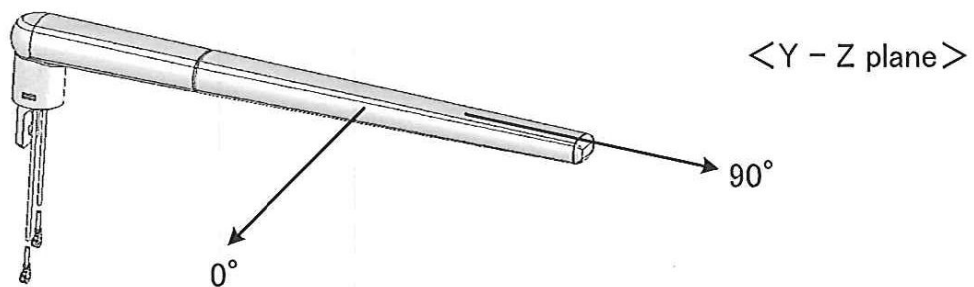


TOP



BOTTOM

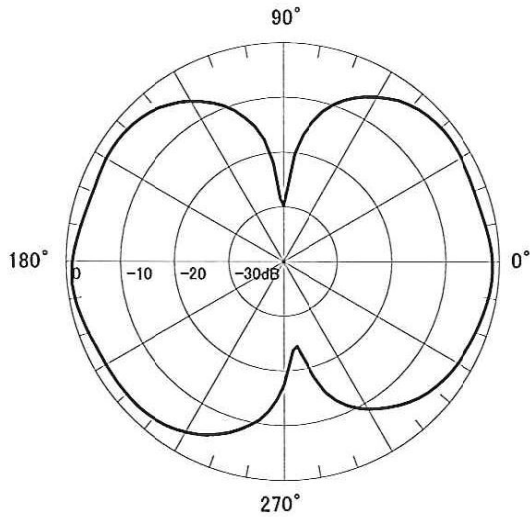
## Measurement Condition



## Radiation Pattern / Gain

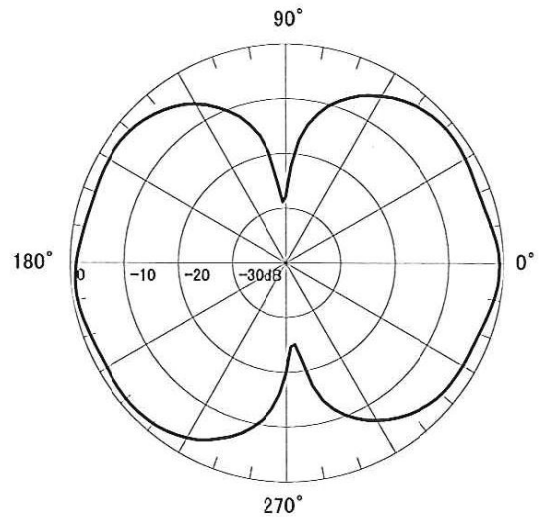
Model : TOP  
Polarization : Horizontal  
Frequency : 2400 MHz  
Std. level : -48.8 dBm  
Peak Gain : -0.9dB dBd ( 1.3 dBi )  
Average Gain : -4.7dB dBd ( -2.5 dBi )

<Y - Z plane>



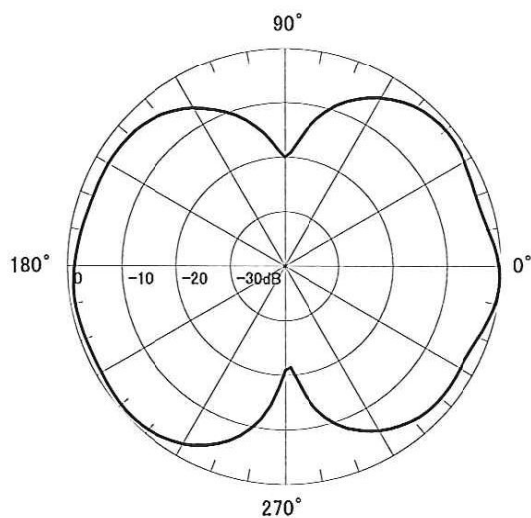
Model : TOP  
Polarization : Horizontal  
Frequency : 2450 MHz  
Std. level : -49.3 dBm  
Peak Gain : -0.7dB dBd ( 1.5 dBi )  
Average Gain : -4.2dB dBd ( -2.1 dBi )

<Y - Z plane>



Model : TOP  
Polarization : Horizontal  
Frequency : 2500 MHz  
Std. level : -50.3 dBm  
Peak Gain : -0.2dB dBd ( 2.0 dBi )  
Average Gain : -3.8dB dBd ( -1.7 dBi )

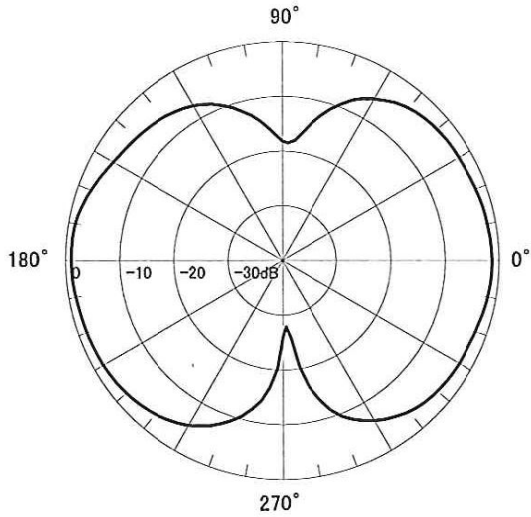
<Y - Z plane>



## Radiation Pattern / Gain

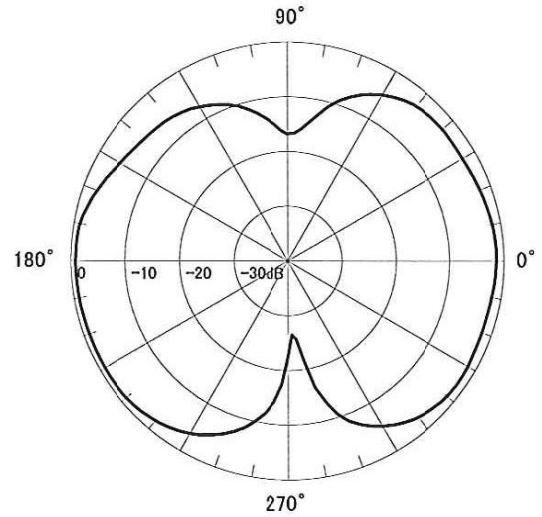
Model : TOP  
Polarization : Horizontal  
Frequency : 2400 MHz  
Std. level : -48.9 dBm  
Peak Gain : -1.0dB dBd ( 1.2 dBi )  
Average Gain : -4.8dB dBd ( -2.6 dBi )

<X - Z plane>



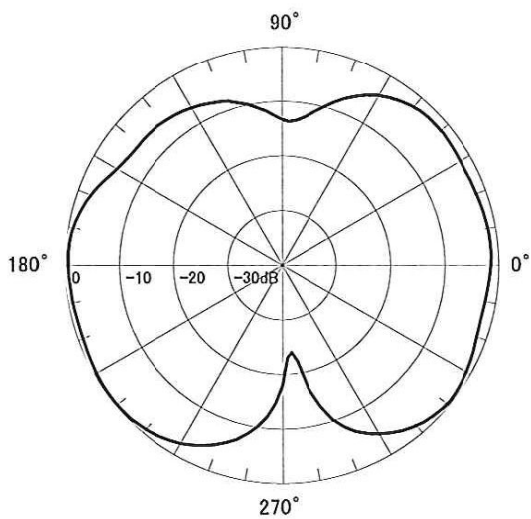
Model : TOP  
Polarization : Horizontal  
Frequency : 2450 MHz  
Std. level : -49.3 dBm  
Peak Gain : -0.8dB dBd ( 1.4 dBi )  
Average Gain : -4.3dB dBd ( -2.1 dBi )

<X - Z plane>



Model : TOP  
Polarization : Horizontal  
Frequency : 2500 MHz  
Std. level : -50.3 dBm  
Peak Gain : -0.2dB dBd ( 1.9 dBi )  
Average Gain : -3.7dB dBd ( -1.5 dBi )

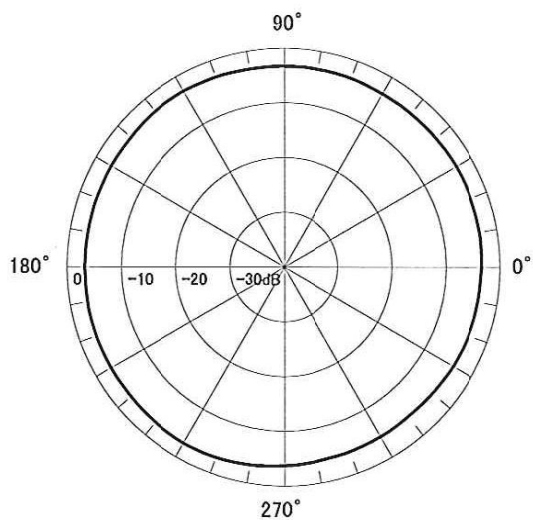
<X - Z plane>



## Radiation Pattern / Gain

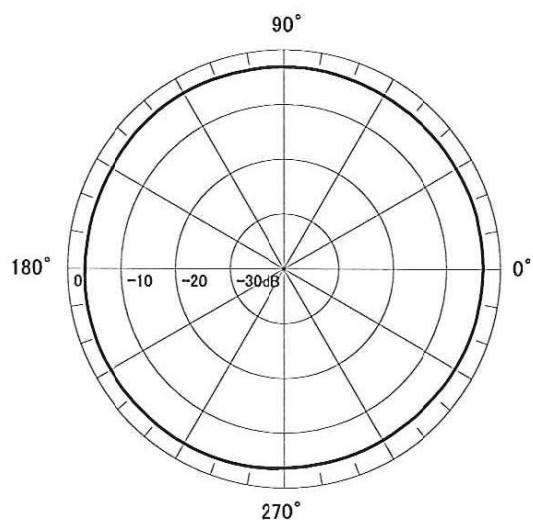
Model : TOP  
Polarization : Vertical  
Frequency : 2400 MHz  
Std. level : -48.8 dBm  
Peak Gain : -2.9dB dBd ( -0.7 dBi )  
Average Gain : -3.4dB dBd ( -1.2 dBi )

<X - Y plane>



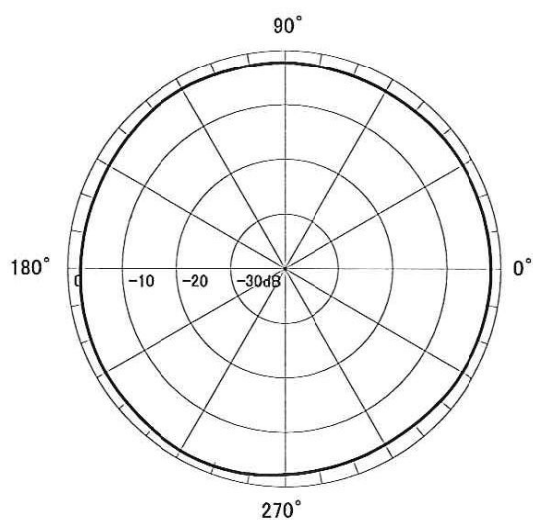
Model : TOP  
Polarization : Vertical  
Frequency : 2450 MHz  
Std. level : -49.3 dBm  
Peak Gain : -2.9dB dBd ( -0.7 dBi )  
Average Gain : -3.3dB dBd ( -1.2 dBi )

<X - Y plane>



Model : TOP  
Polarization : Vertical  
Frequency : 2500 MHz  
Std. level : -50.3 dBm  
Peak Gain : -1.4dB dBd ( 0.7 dBi )  
Average Gain : -2.2dB dBd ( 0.0 dBi )

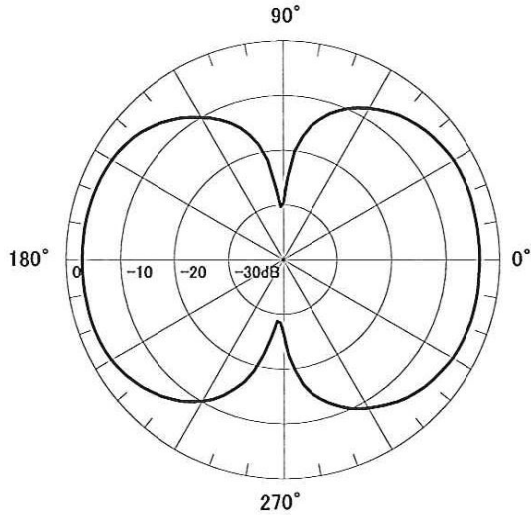
<X - Y plane>



## Radiation Pattern / Gain

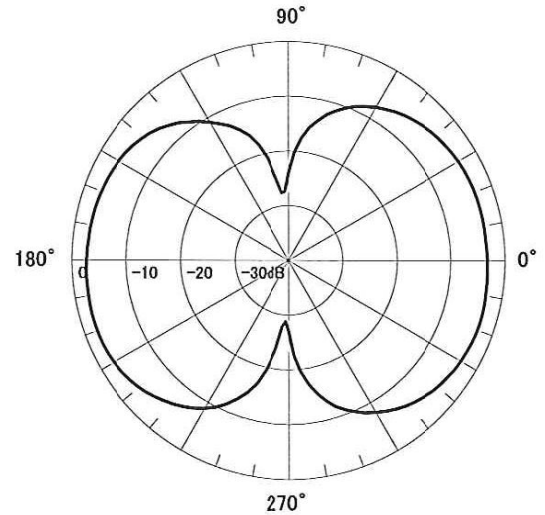
Model : BOTTOM  
 Polarization : Horizontal  
 Frequency : 2400 MHz  
 Std. level : -48.8 dBm  
 Peak Gain : -2.8dB dBd ( -0.7 dBi )  
 Average Gain : -6.7dB dBd ( -4.6 dBi )

<Y - Z plane>



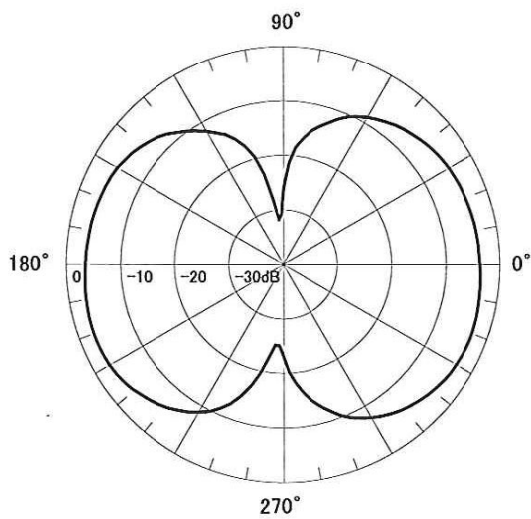
Model : BOTTOM  
 Polarization : Horizontal  
 Frequency : 2450 MHz  
 Std. level : -49.3 dBm  
 Peak Gain : -2.3dB dBd ( -0.1 dBi )  
 Average Gain : -6.4dB dBd ( -4.2 dBi )

<Y - Z plane>



Model : BOTTOM  
 Polarization : Horizontal  
 Frequency : 2500 MHz  
 Std. level : -50.3 dBm  
 Peak Gain : -2.8dB dBd ( -0.7 dBi )  
 Average Gain : -6.9dB dBd ( -4.7 dBi )

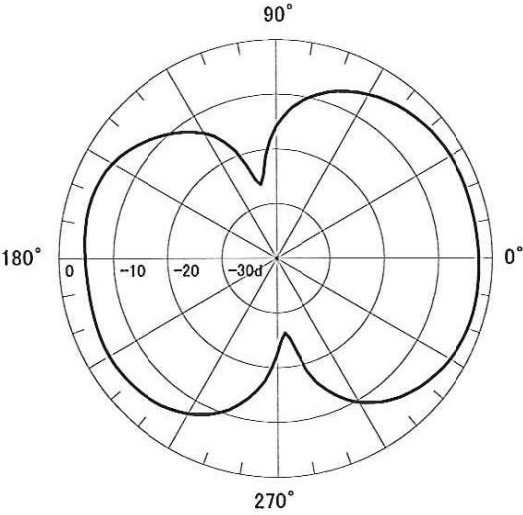
<Y - Z plane>



# Radiation Pattern / Gain

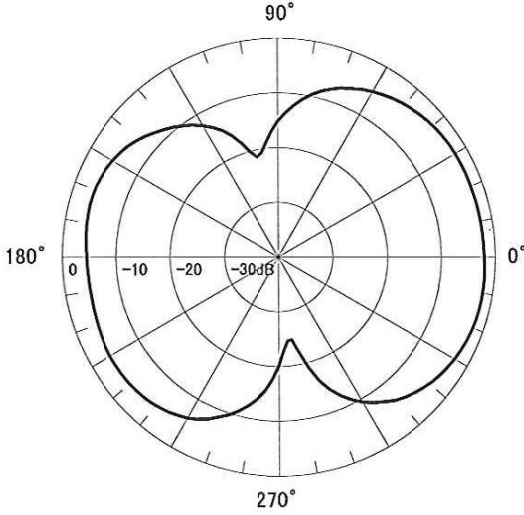
Model : BOTTOM  
Polarization : Horizontal  
Frequency : 2400 MHz  
Std. level : -48.8 dBm  
Peak Gain : -2.2dB dBd ( -0.1 dBi )  
Average Gain : -6.5dB dBd ( -4.4 dBi )

<X - Z plane>



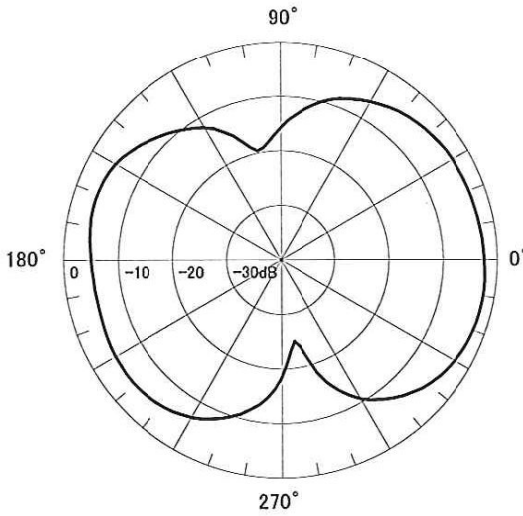
Model : BOTTOM  
Polarization : Horizontal  
Frequency : 2450 MHz  
Std. level : -49.3 dBm  
Peak Gain : -1.8dB dBd ( 0.3 dBi )  
Average Gain : -6.0dB dBd ( -3.9 dBi )

<X - Z plane>



Model : BOTTOM  
Polarization : Horizontal  
Frequency : 2500 MHz  
Std. level : -50.3 dBm  
Peak Gain : -2.0dB dBd ( 0.1 dBi )  
Average Gain : -6.6dB dBd ( -4.5 dBi )

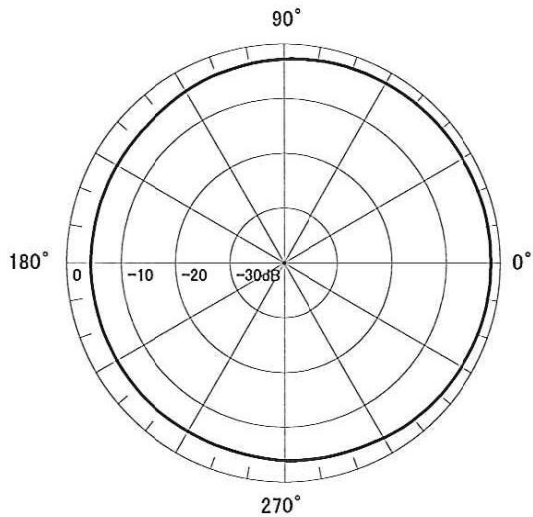
<X - Z plane>



## Radiation Pattern / Gain

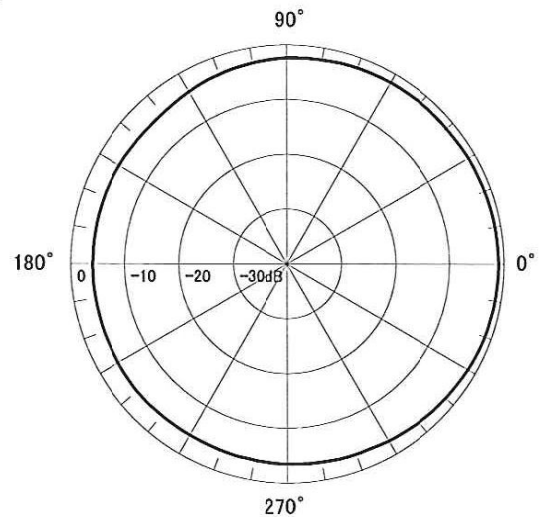
Model : BOTTOM  
 Polarization : Vertical  
 Frequency : 2400 MHz  
 Std. level : -48.8 dBm  
 Peak Gain : -1.7dB dBd ( 0.5 dBi )  
 Average Gain : -3.2dB dBd ( -1.1 dBi )

<X - Y plane>



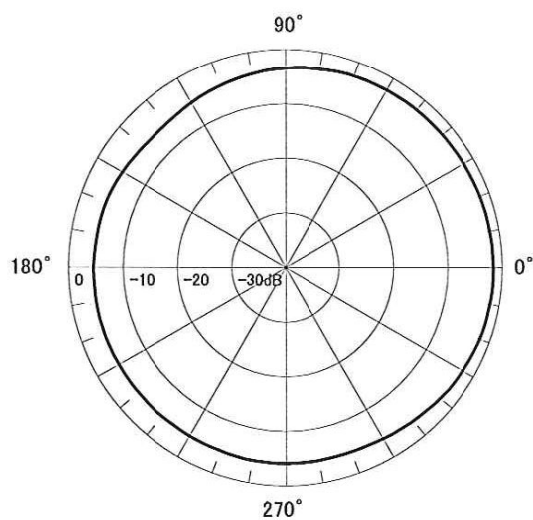
Model : BOTTOM  
 Polarization : Vertical  
 Frequency : 2450 MHz  
 Std. level : -49.3 dBm  
 Peak Gain : -1.1dB dBd ( 1.1 dBi )  
 Average Gain : -2.8dB dBd ( -0.6 dBi )

<X - Y plane>



Model : BOTTOM  
 Polarization : Vertical  
 Frequency : 2500 MHz  
 Std. level : -50.3 dBm  
 Peak Gain : -1.6dB dBd ( 0.6 dBi )  
 Average Gain : -3.5dB dBd ( -1.4 dBi )

<X - Y plane>



**Ant. type : ANTB18-127A0**

