

# 2.4G FPC Antenna Report

1. Model:BP104

## 2. Test Results

### 2.1.Applied Reference Documents

Leading reference documents for testing:

| No. | Identity     | Document Title                             |
|-----|--------------|--------------------------------------------|
| 1   | IEEE149-1979 | IEEE Standard Test Procedures for Antennas |

### 2.2.Test Conditions

Test Environment Conditions:

|                    |                  |
|--------------------|------------------|
| Relative Humidity: | 15 ... 75 %      |
| Temperature:       | +10 °C to +30 °C |

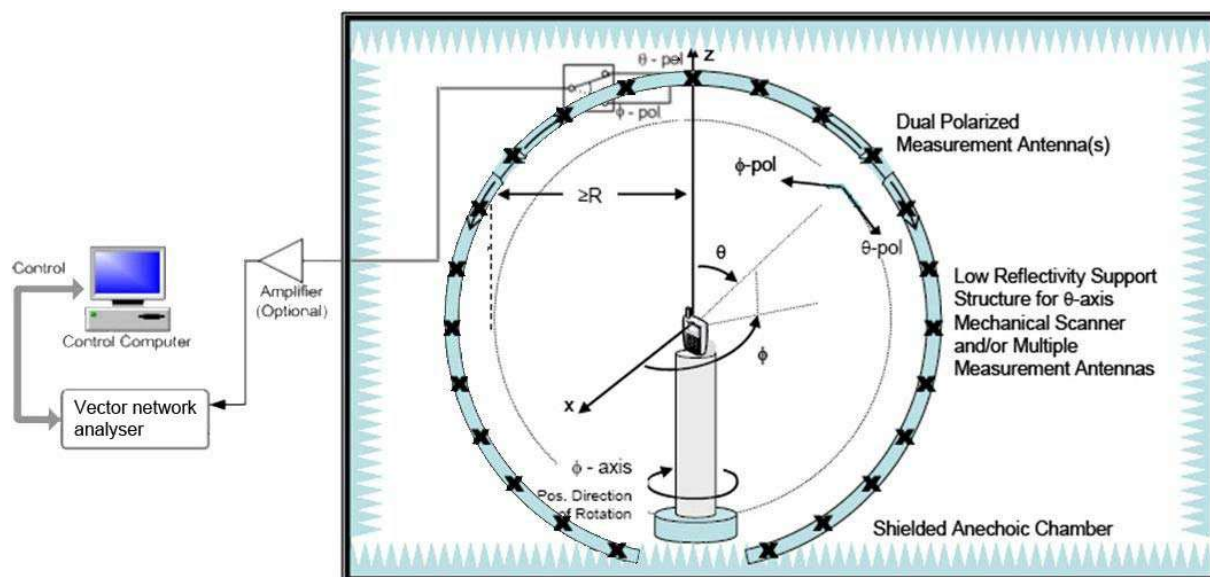
### 2.3.Test Results lists

#### 2.3.1. Gain

| Frequency | Gain(dBi) |
|-----------|-----------|
| 2400MHz   | 0.00      |
| 2410MHz   | -0.69     |
| 2420MHz   | -0.97     |
| 2430MHz   | -1.46     |
| 2440MHz   | -1.76     |
| 2450MHz   | -2.52     |
| 2460MHz   | -2.59     |
| 2470MHz   | -2.87     |
| 2480MHz   | -3.18     |
| 2490MHz   | -3.10     |
| 2500MHz   | -3.34     |

## Annex A Test Setup

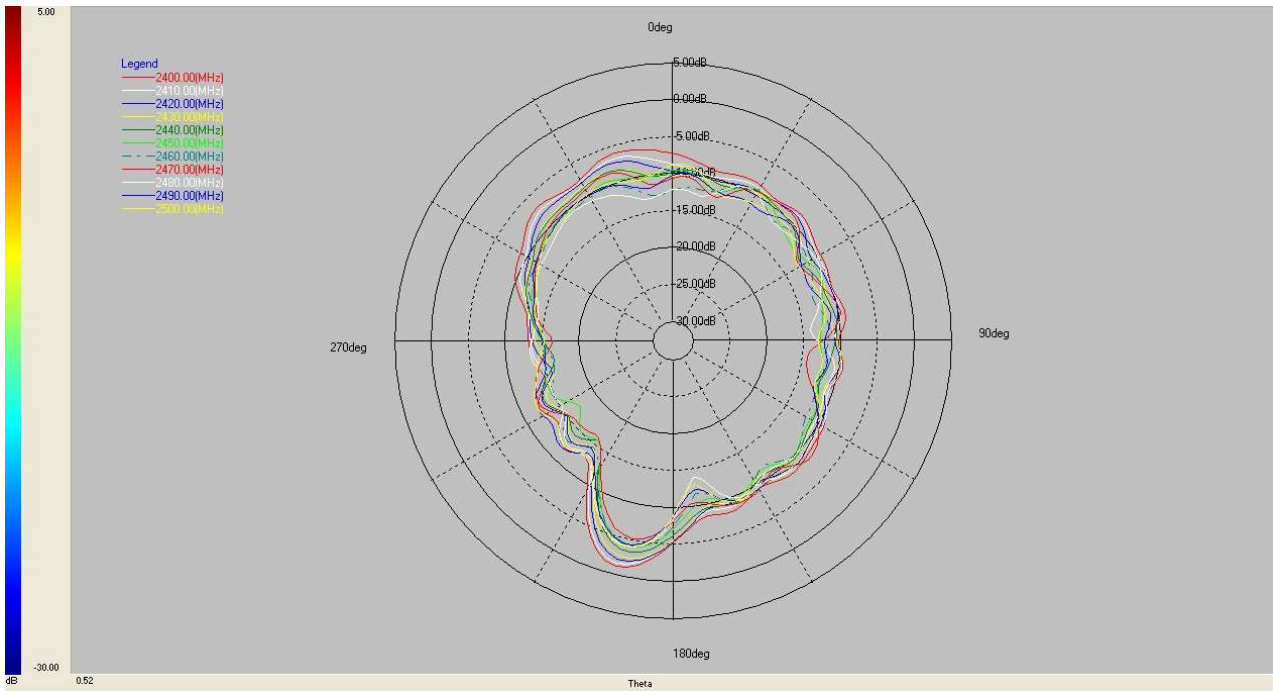
### 1. Test Setup



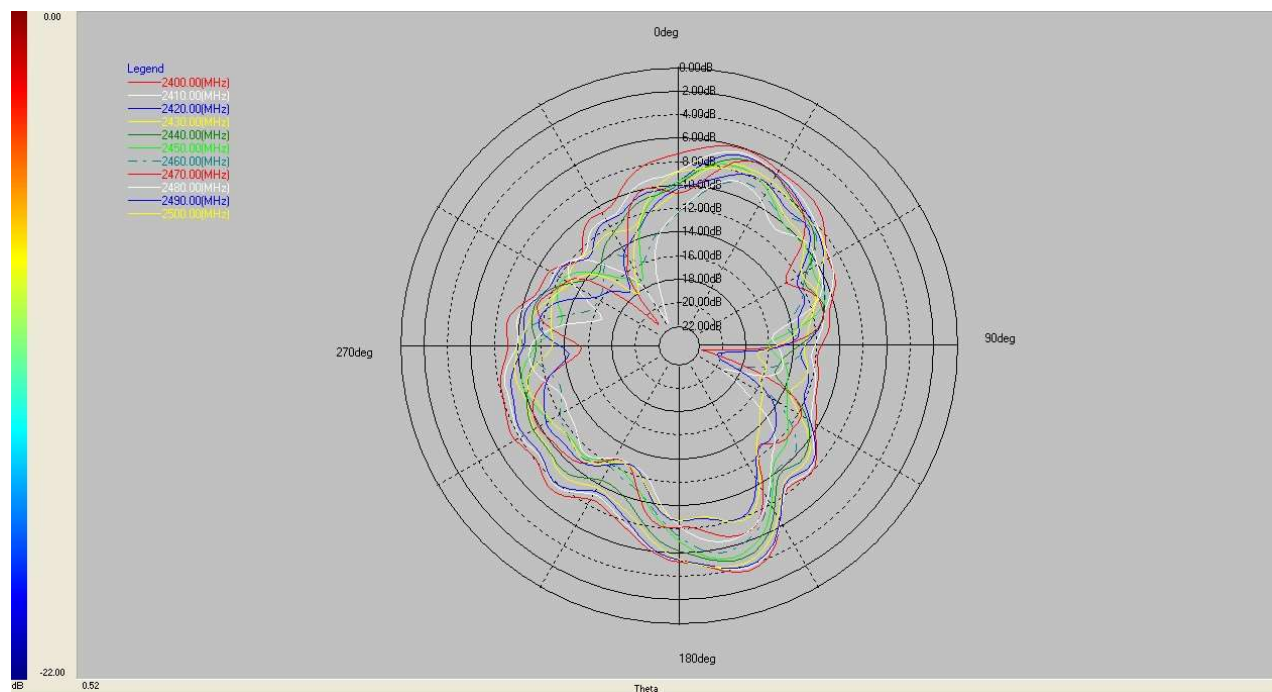
# Annex B      Figures

## 1. 2D Radiation Pattern

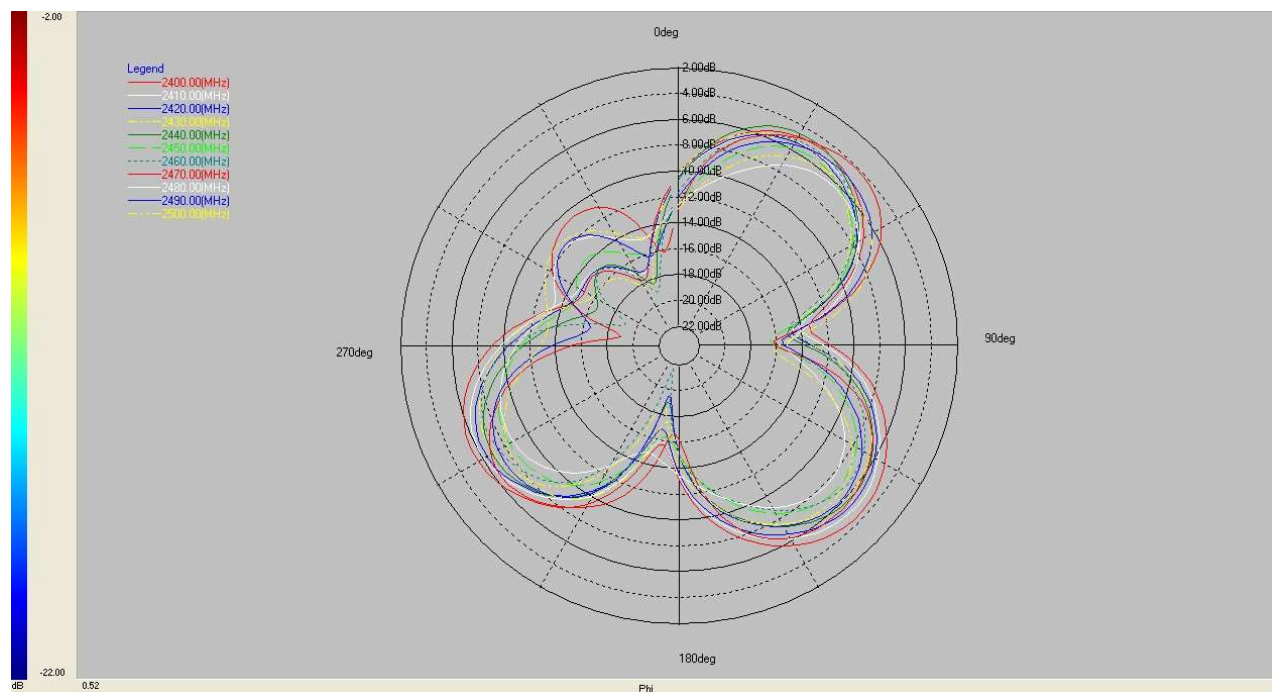
Phi=0°



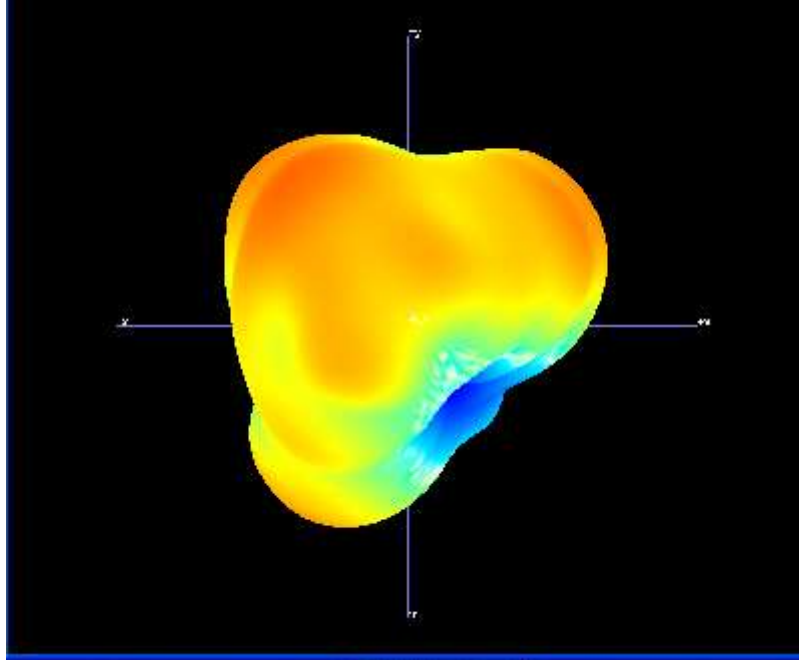
Phi=90°



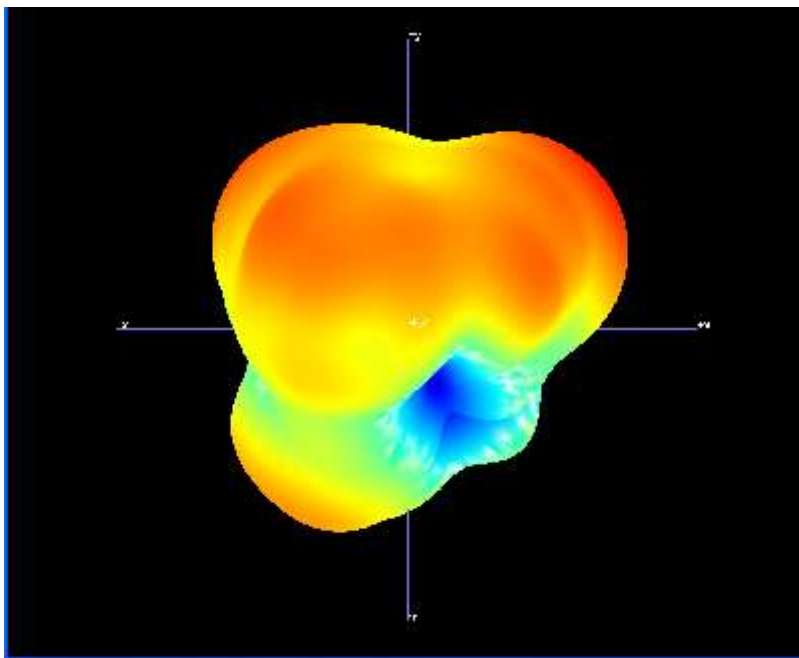
Theta=90°



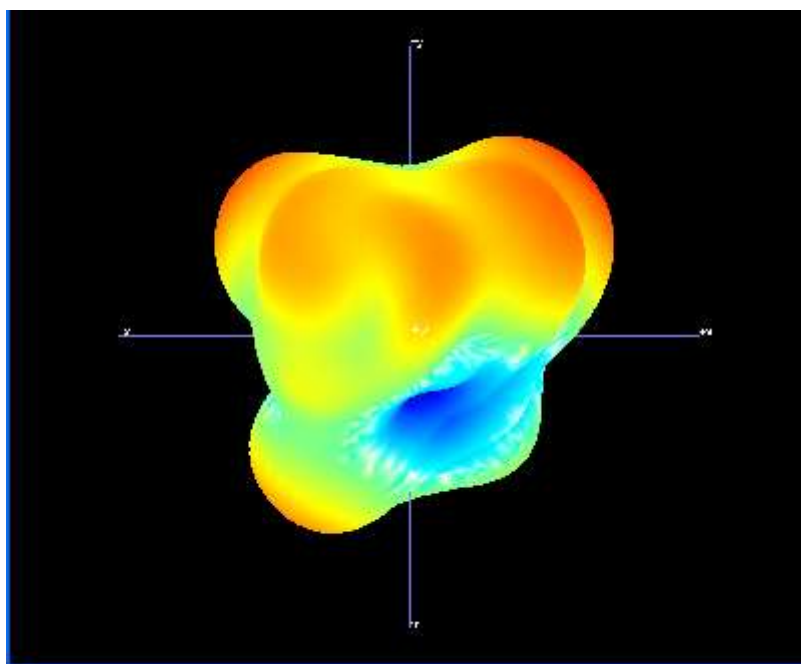
## 2. 3D Radiation Pattern



2400MHz



2450MHz



2500MHz

## Antenna Size

