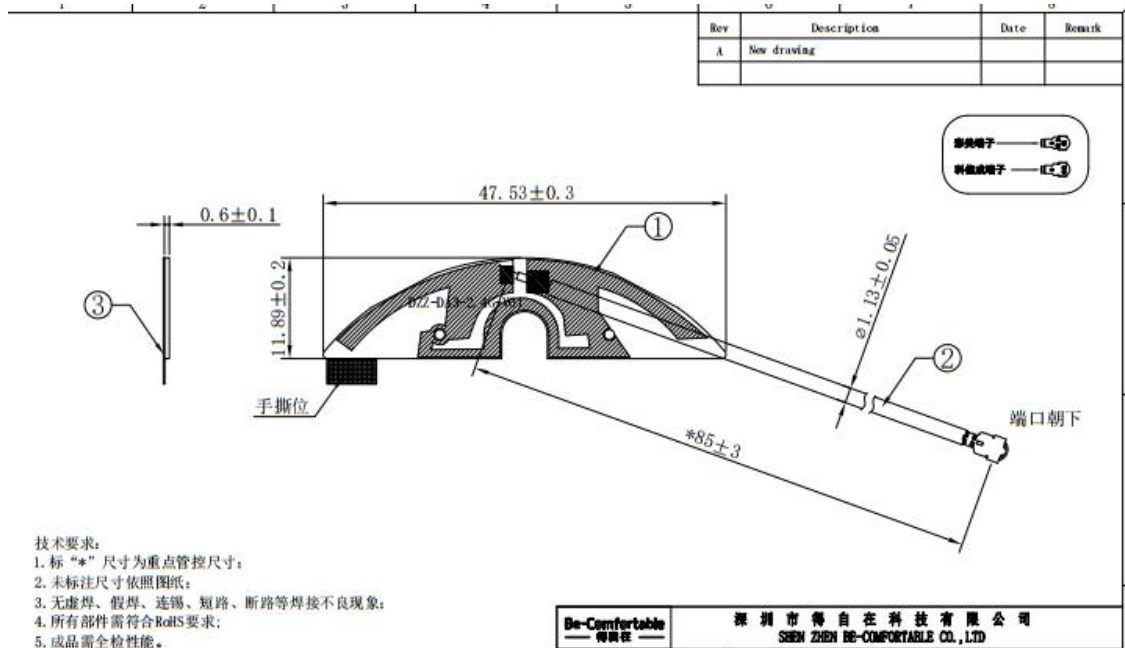


# 1、Antenna Information



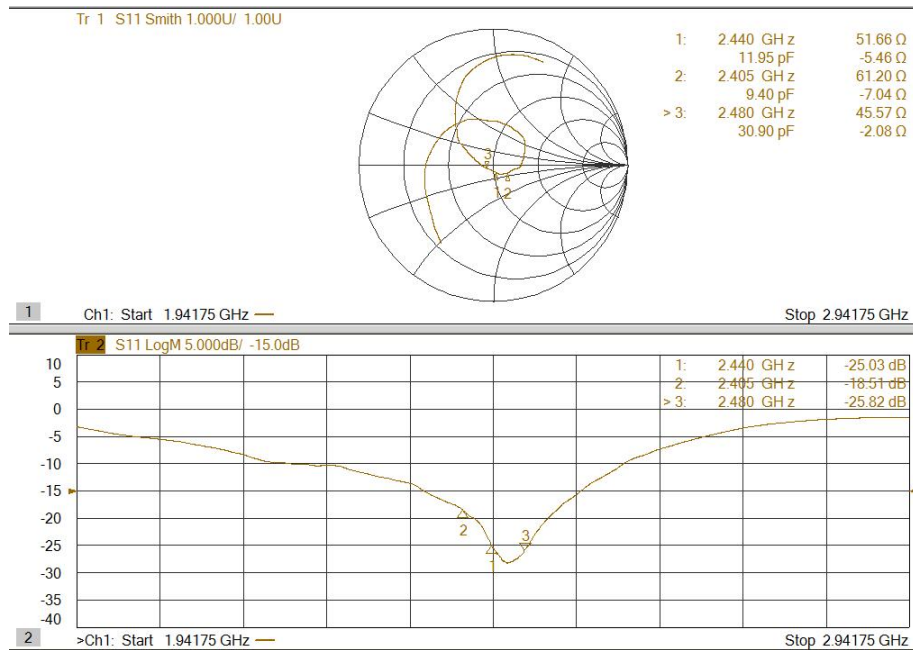
Zigbee antenna

Product Model	DA3
Antenna Model	DA3-Zigbee
Antenna Type	PIFA
Manufacturer	Shenzhen Be-Comfortable Technology Co. Ltd

# 2、Electrical Specifications

Frequency Range	2400~2500MHz
Bandwidth	100 MHz
Input Impedence	50Ω
S11	≤ -10 dB
Gain	Peak Gain 2 dBi

### 3、 Antenna S11

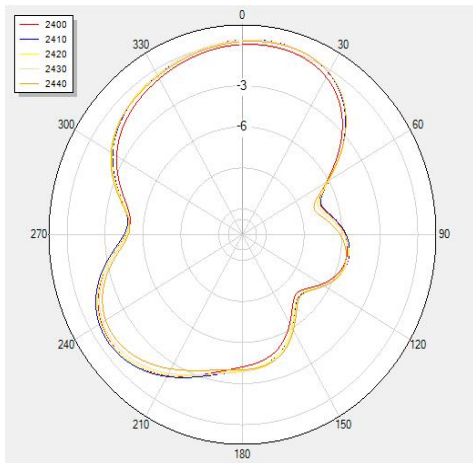


### 4、 Plane Definition Radiation

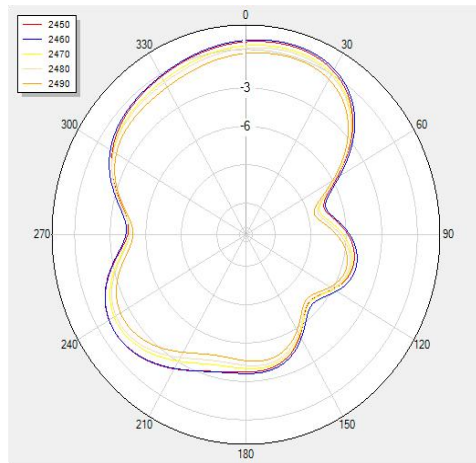
XY Plane	Theta=90°
XZ Plane	Phi=0°
YZ Plane	Phi=90

### 5、 Pattern

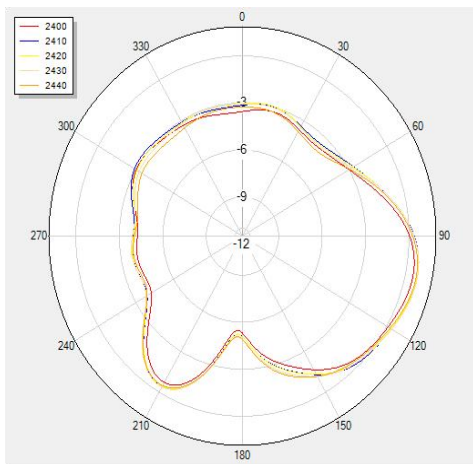
**H Theta=90**



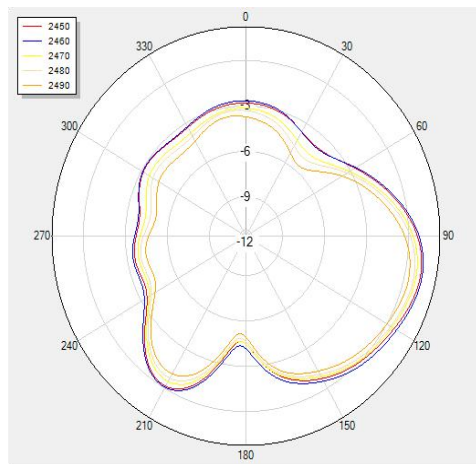
**H Theta=90**



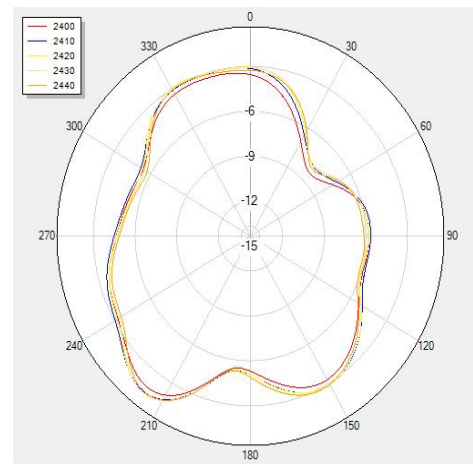
**V Phi=0**



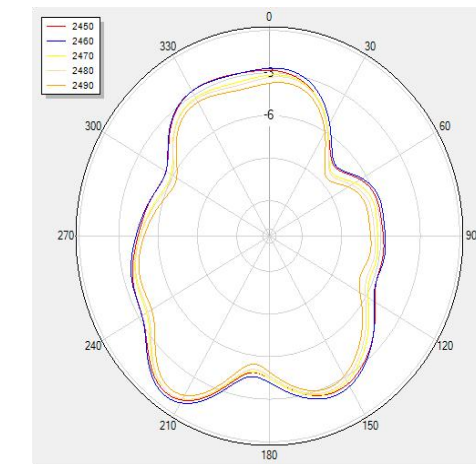
**V Phi=0**



**V Phi=90**



**V Phi=90**



## 6. Test Results

<b>Frequency ID</b>	<b>Frequency (MHz)</b>	<b>Gain (dBi)</b>	<b>Efficiency (dB)</b>	<b>Efficiency (%)</b>
<b>1</b>	<b>2400</b>	1.2	-3.58	43.84
<b>2</b>	<b>2410</b>	1.1	-3.69	42.8
<b>3</b>	<b>2420</b>	1.5	-3.95	40.26
<b>4</b>	<b>2430</b>	0.8	-3.53	44.36
<b>5</b>	<b>2440</b>	0.9	-3.87	41
<b>6</b>	<b>2450</b>	2.0	-3.82	41.51
<b>7</b>	<b>2460</b>	1.6	-3.78	41.9
<b>8</b>	<b>2470</b>	1.3	-3.79	41.78
<b>9</b>	<b>2480</b>	1.2	-3.47	45
<b>10</b>	<b>2490</b>	1.7	-3.87	41.02
<b>11</b>	<b>2500</b>	1.5	-3.71	42.53

Manufacturer: Shen Zhen Be-Comfortable Co., Ltd.

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