



Bluetooth Antenna  
specification&Test report

Yichip Microelectronics

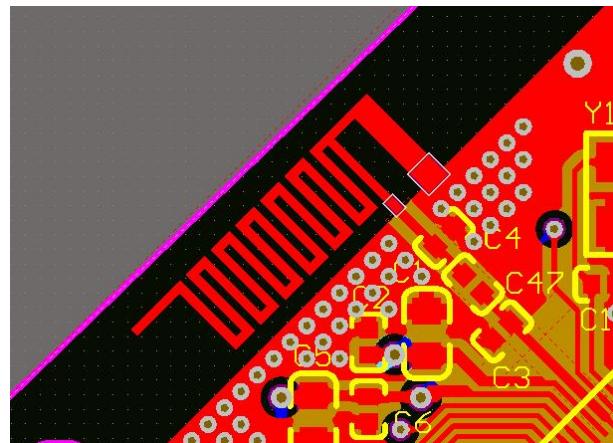
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Antenna type	PCB Antenna
Manufacturer	Haixiang Technology Co., Ltd

### antenna design specification

Antenna dimensions as blow picture show: the material is FR4 and the thickness is 1.6mm of PCB.

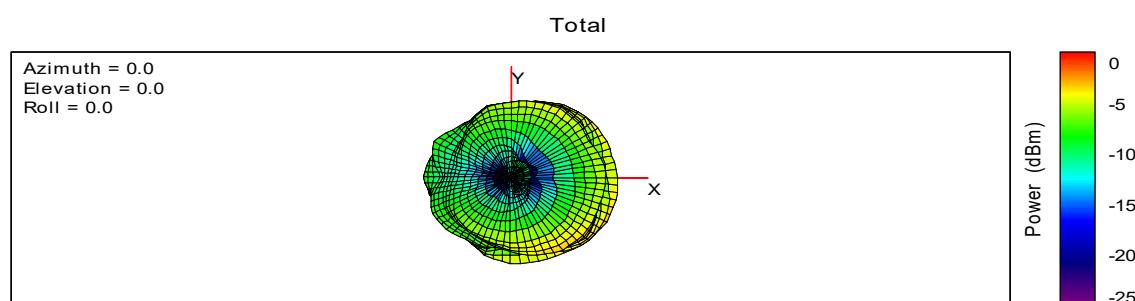
ANT1:



Gain and Efficiency

Frequency (MHz)	Efficiency(%)	Gain(dBi)
2380	<b>18.03</b>	<b>-0.42</b>
2400	<b>14.86</b>	<b>-0.93</b>
2420	<b>12.54</b>	<b>-1.17</b>
2440	<b>9.92</b>	<b>-2.03</b>
2460	<b>7.46</b>	<b>-2.47</b>
2480	<b>6.11</b>	<b>-2.98</b>
2500	<b>5.39</b>	<b>-3.83</b>

### 3D and 1D Radiation Patterns



2440M TRP 1

