

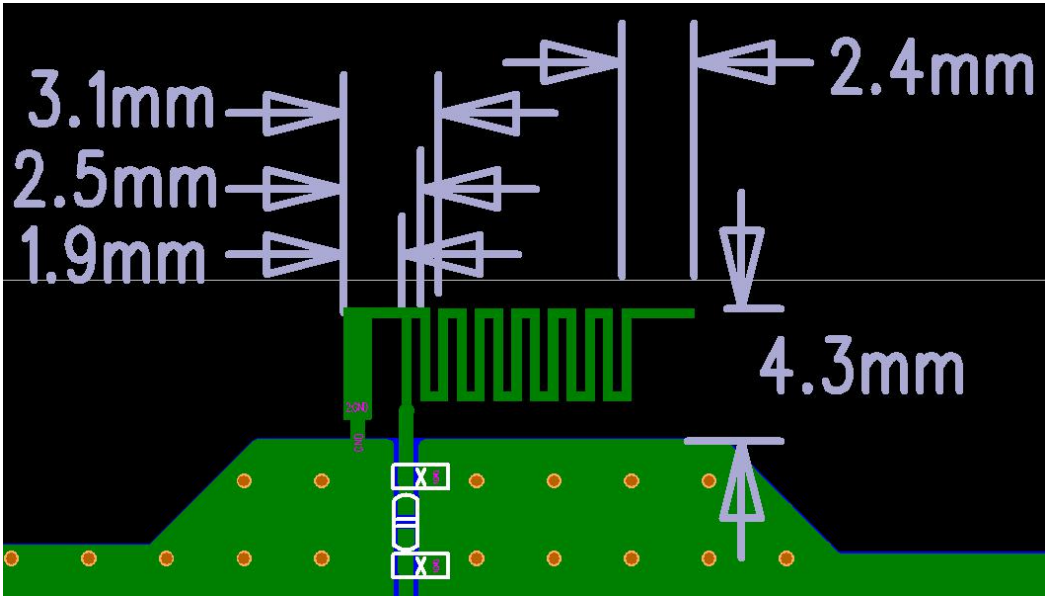


Bluetooth Antenna  
specification&Test report

Yichip Microelectronics

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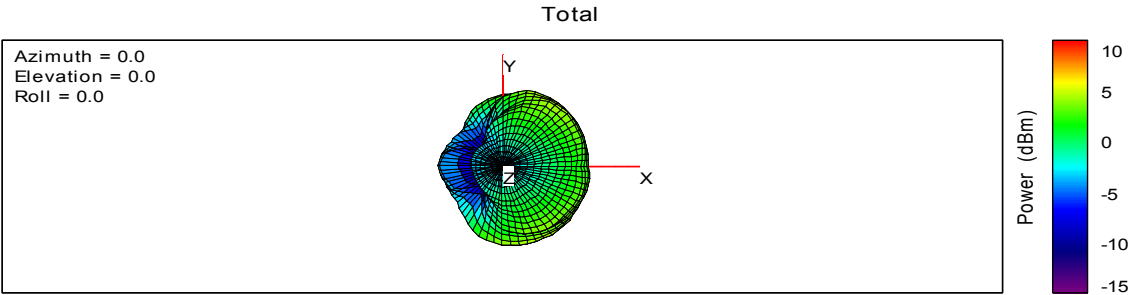
ANT5:

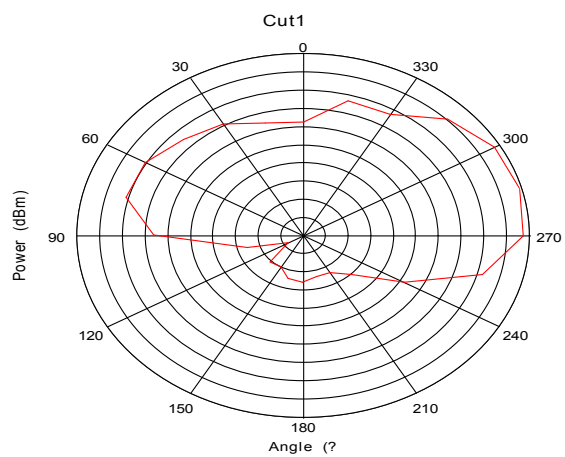


Gian and Efficiency

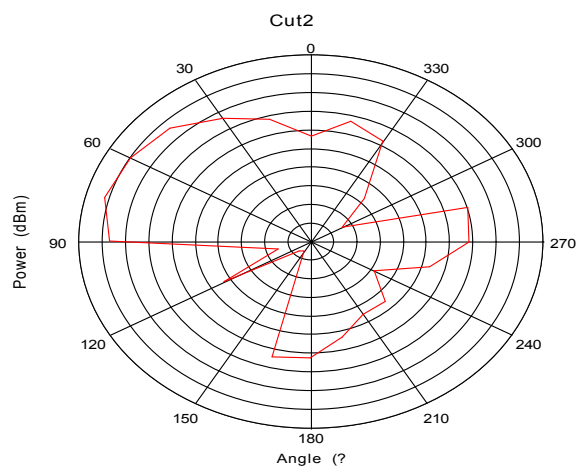
| Frequency (MHz) | Efficiency(%) | Gain(dBi) |
|-----------------|---------------|-----------|
| 2300            | 34.81         | -0.14     |
| 2320            | 38.90         | 0.50      |
| 2340            | 38.95         | 1.16      |
| 2360            | 40.11         | 1.28      |
| 2380            | 39.28         | 1.80      |
| 2400            | 41.77         | 2.20      |
| 2420            | 49.71         | 2.34      |
| 2440            | 50.23         | 2.58      |
| 2460            | 45.91         | 2.45      |
| 2480            | 42.46         | 2.09      |
| 2500            | 41.10         | 2.01      |
| 2520            | 35.58         | 0.96      |
| 2540            | 32.43         | 0.44      |

3D and 1D Radiation Patterns

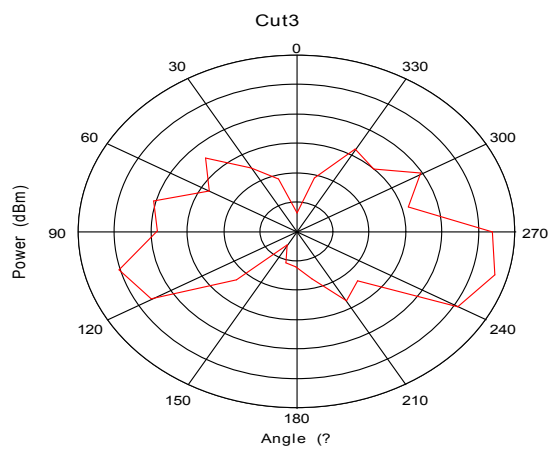




Max: 5  
Min: -5  
Scale: 1/div



Max: 4  
Min: -16  
Scale: 2/div



Max: 6  
Min: -6  
Scale: 2/div