

On-Board Antenna Specification

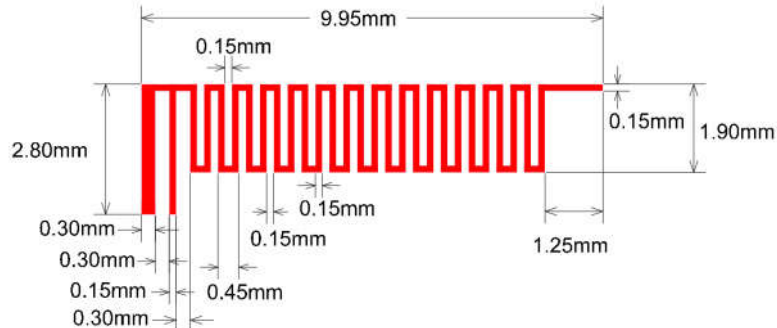
Manufacturer : ShenZhen hopesearch PCB manufacturing Co., Ltd

Address : Building 13th, sha'er'bluesky technology park, Shajing, Baoan, ShenZhen

Antenna Model: PCB on-board antenna

Antenna frequency: 2402-2480MHz

1、detailed dimensional specifications of the on-board antenna:



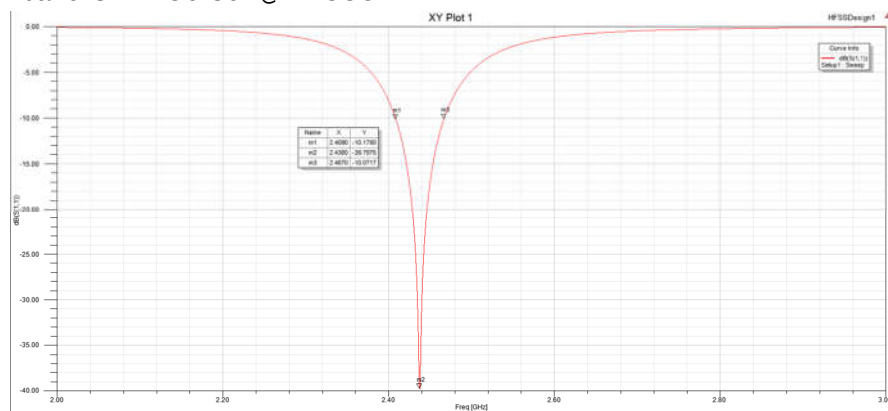
2、specificities

- ultra-small size: 2.8*9.95mm
- 50 Ohm Impedance
- Maximum gain: 1.29dBi
- Operates in the 2.4 GHz band

3、Antenna S parameters

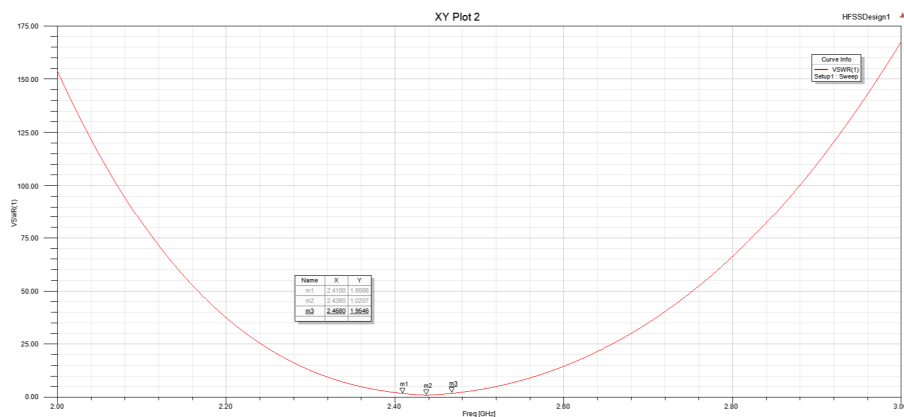
10dB operating bandwidth: 58MHz

Center band S11: -39.8dB@2.438GHz

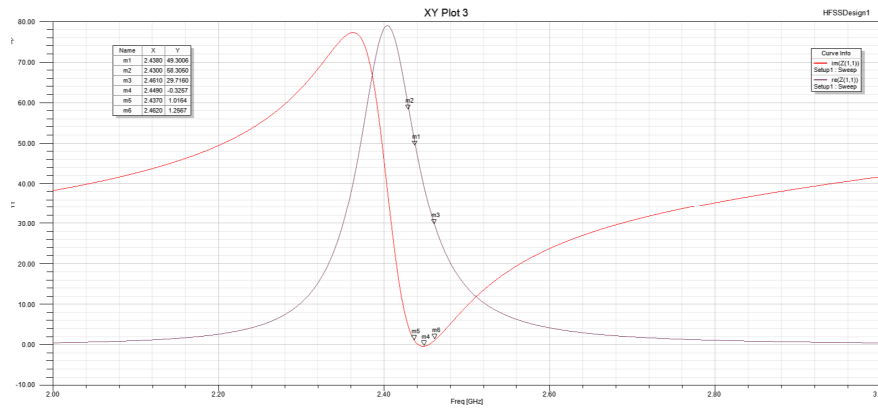


4、Antenna impedance and VSWR

Center frequency VSWR: 1.02@2.438GHz

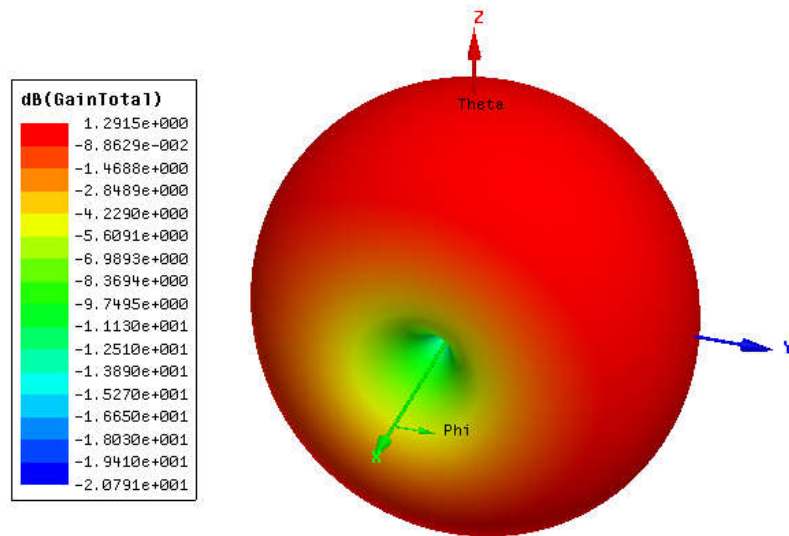


Center frequency impedance: 50ohm@2.438GHz



5. Antenna Gain

Maximum directional gain: 1.29dBi



Side E:

