

Shenzhen Hope Microelectronics Co., Ltd.
Room 3001, Room 3002, Room 3003, Room 3004 and Room 3005, Building A, Zone C, Phase 3, Vanke Yuncheng, Liuxin Fourth Street, Xili Sub-district, Nan'an District, Shenzhen City

Onboard PCB antenna

Features

- ✧ Onboard PCB antenna with small, low-profile and light-weight type.
- ✧ Wide bandwidth

Applications

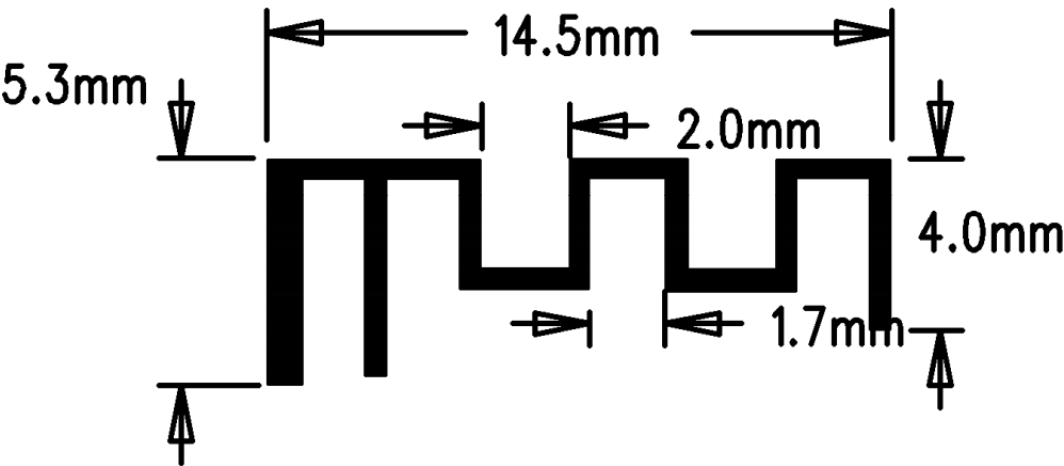
Bluetooth/Wireless LAN/Home RF
ISM band 2.4GHz applications

Manufacture:Shenzhen Hope Microelectronics Co., Ltd.
Address: Room 3001, Room 3002, Room 3003, Room 3004 and Room 3005, Building A, Zone C, Phase 3, Vanke Yuncheng, Liuxin Fourth Street, Xili Sub-district, Nan'an District, Shenzhen City

Specifications

Part Number	Frequency Range (MHz)	Peak Gain (XZ-total)	Average Gain (XZ-total)	VSWR	Impedance
PCB ANT	2400~2500	0.5dBi typ.	0dBi typ.	3.0 max.	50 Ω

✧Dimensions



Mark	L	W
------	---	---

Shenzhen Hope Microelectronics Co., Ltd.

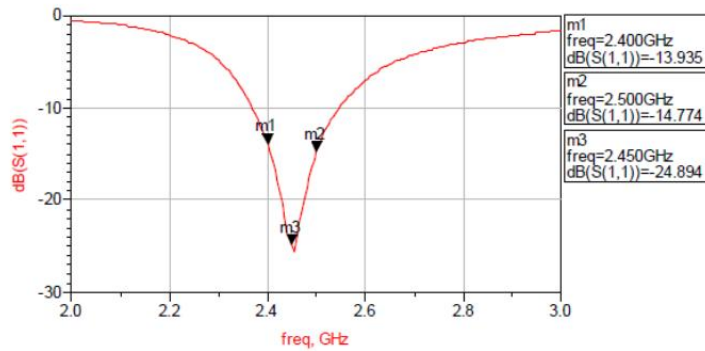
Room 3001, Room 3002, Room 3003, Room 3004 and Room 3005, Building A, Zone C, Phase 3, Vanke Yuncheng, Liuxin Fourth Street, Xili Sub-district, Nan'an District, Shenzhen City

Dimensions	14.5 ± 0.2	5.3 ± 0.2
------------	--------------	-------------

Shenzhen Hope Microelectronics Co., Ltd.

Room 3001, Room 3002, Room 3003, Room 3004 and Room 3005, Building A, Zone C, Phase 3, Vanke Yuncheng, Liuxin Fourth Street, Xili Sub-district, Nan'an District, Shenzhen City

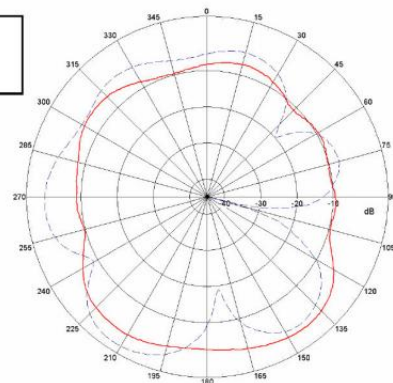
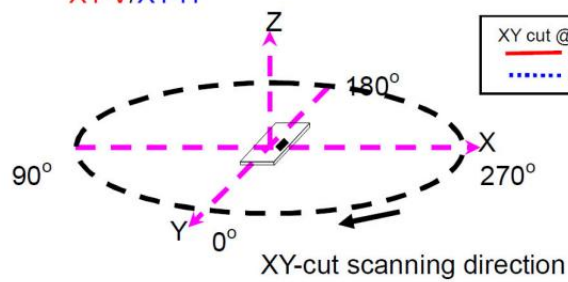
✧ Return Loss-without matching circuits



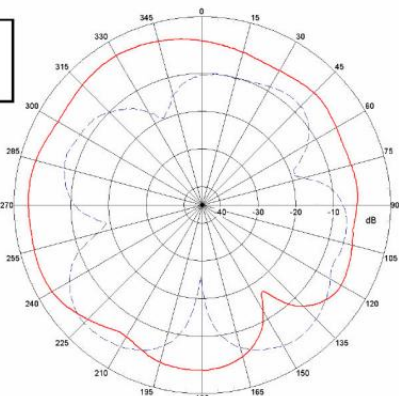
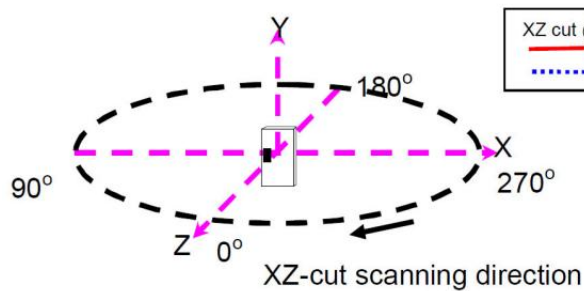
✧ Radiation Patterns

✧ Radiation Patterns

XY-V/XY-H



XZ-V/XZ-H



Shenzhen Hope Microelectronics Co., Ltd.

Room 3001, Room 3002, Room 3003, Room 3004 and Room 3005, Building A, Zone C, Phase 3, Vanke Yuncheng, Liuxin Fourth Street, Xili Sub-district, Nan'an District, Shenzhen City

