

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

Name of company: SHEN ZHEN HOPE MICROELECTRONICS CO.,LTD

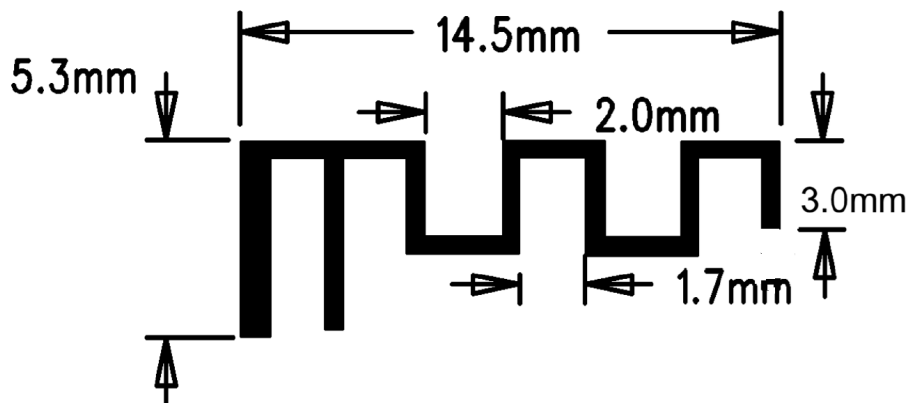
Address: 30/F, Building 8, Zone C, Vanke Cloud City, Liuxin 4th Street, Xili, Nanshan, Shenzhen, China. (post code 518055)

Specifications

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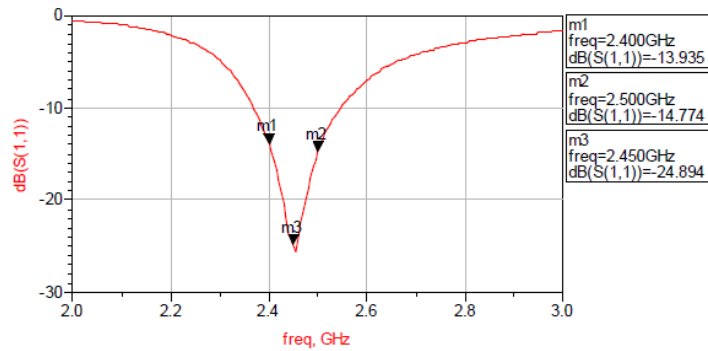
Part Number	Frequency Range (MHz)	Peak Gain (XZ-total)	Average Gain (XZ-total)	VSWR	Impedance
PCB ANT	2400~2500	0.5dBi typ.	0dBi typ.	3.0 max.	50 Ω

✧ Dimensions



Mark	L	W
Dimensions	14.5 $\pm$ 0.2	5.3 $\pm$ 0.2

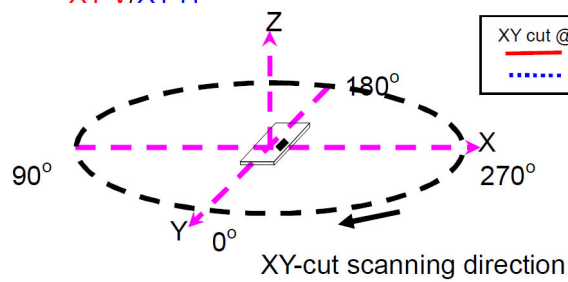
✧ Return Loss-without matching circuits



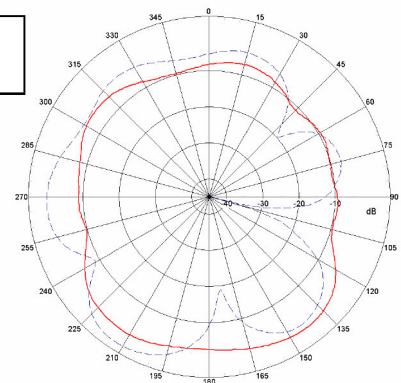
✧ Radiation Patterns

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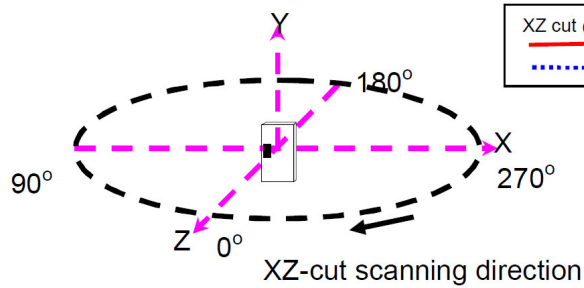
XY-V/XY-H



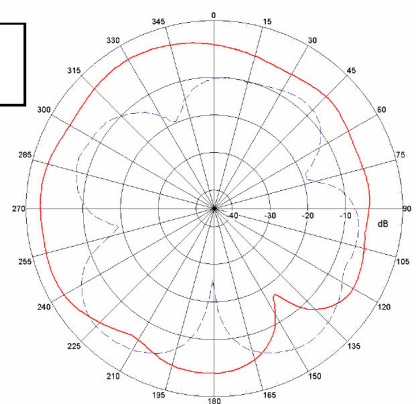
XY cut @ 2.45GHz
 — Vertical
 Horizontal



XZ-V/XZ-H



XZ cut @ 2.45GHz
 — Vertical
 Horizontal



YZ-V/YZ-H

