

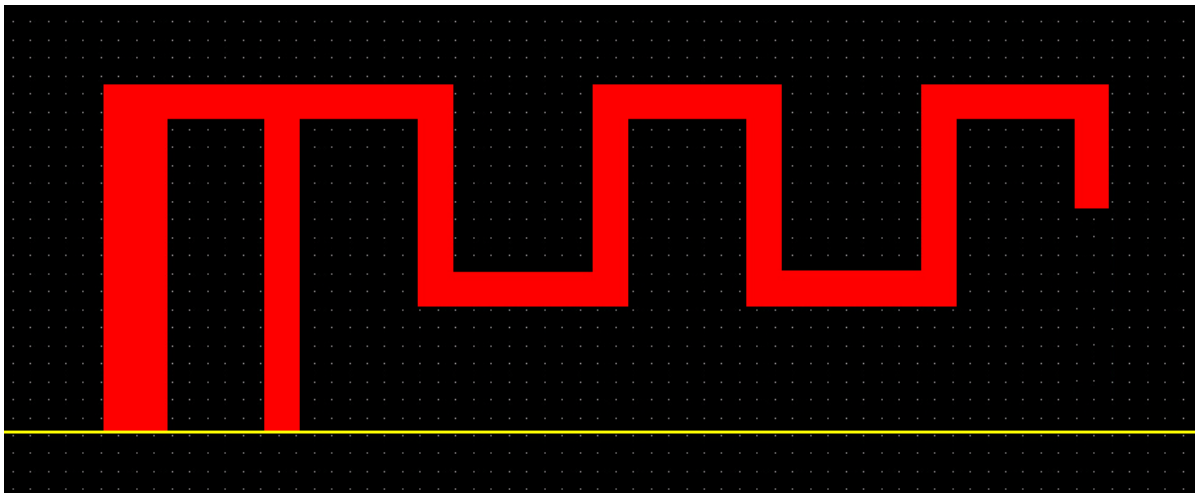
Product specification

Quick Reference Date

| | | |
|----------------------------|------------------------------------|--|
| | Antenna module on the system board | |
| Frequenc Range | 2400 ~ 2500MHz | |
| Ant. Port Input Pwr. (dBm) | 0 (Typ. BT class 2 output power) | |
| Tot. Rad. Pwr. (dBm) | -1.2 (Input pwr – loss pwr) | |
| Peak EIRP(dBm) | 1.2 | |
| Directivity (dBi) | 1 (all direction antenna) | |
| Efficiency (dB) | 60.2% | |
| Gain (dBi) | 1.9 (Peak Gain XZ-plane) | |
| Maximum Power (dBm) | 1.7 (XY-plane) | |
| Minimum Power (dBm) | -4(XY-plane) | |
| Avg. Power (dBm) | -0.5(XY-plane) | |
| Input Impedence(ohm) | 50 | |
| Polarization Type | Vertical & Horizontal | |
| V.S.W.R | < 1.4 | |
| Manufacturer | Haiping Industry Co., Ltd. | |

All the technical data and information contained herein are subject to change without prior notice

Antenna Layout & module on the system board

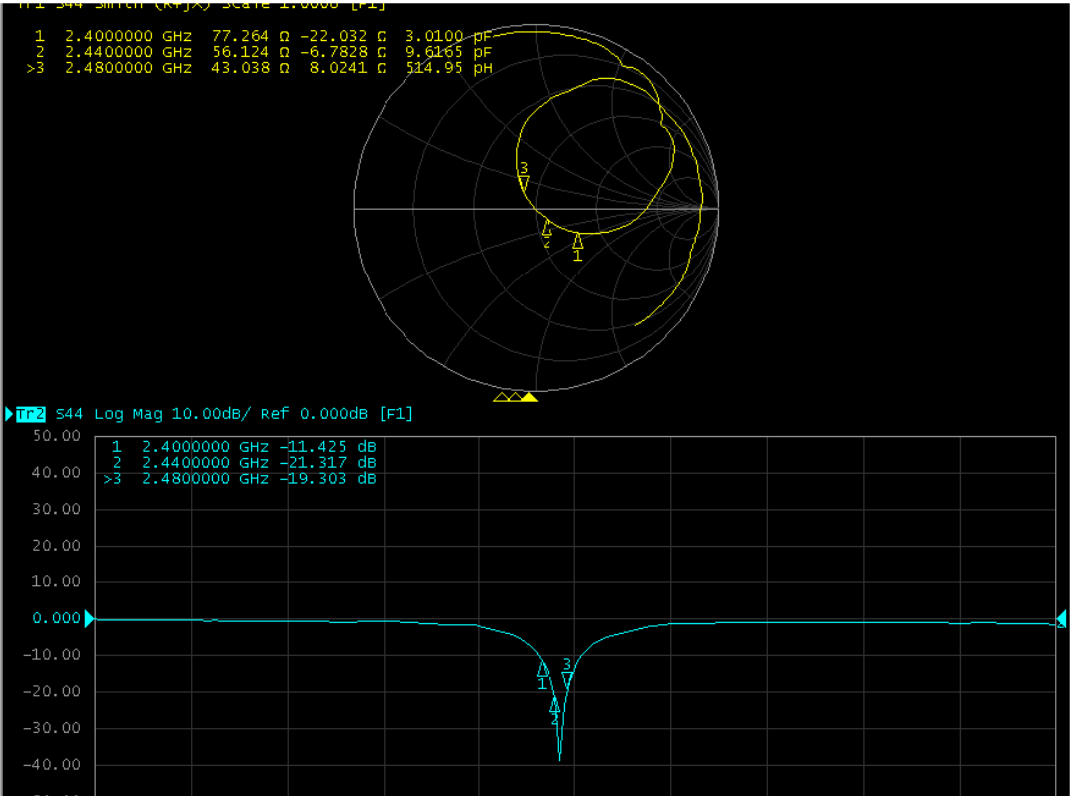


Antenna Gain

Gain Table

| Unit in dBi@2.44GHz | XY-plane | | XY-plane | | XY-plane | | Efficiency |
|---------------------|----------|------|----------|------|----------|------|------------|
| | Peak | Avg. | Peak | Avg. | Peak | Avg. | |
| Module Board | 1.2 | -0.5 | 1.9 | -3.6 | 1.1 | -3.0 | 60.2% |

Return Loss



The Environment of Antenna Radiation Pattern

