

# AN2051 Multilayer Chip Antenna

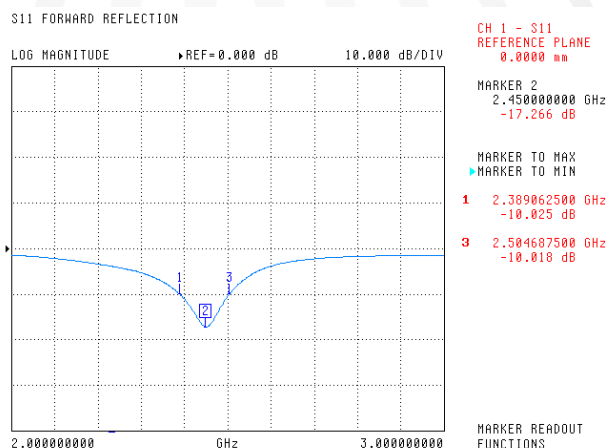
**Application : Bluetooth, 2.4 GHz WLAN, ....**

## Key Features

- Light weight and low profile  
5.1mm(L) × 2.0mm(W) × 1.2mm(H)
- Omni-directional in azimuth
- Lead (Pb) Free

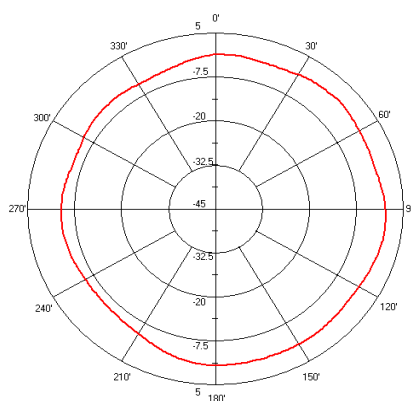


## Return Loss

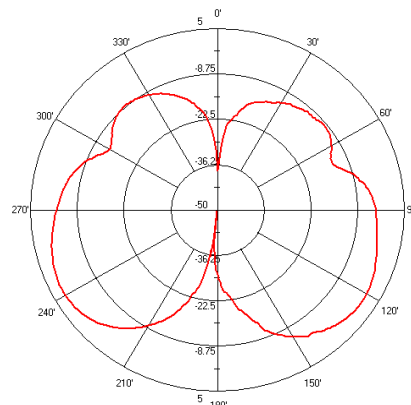


## Radiation Pattern

AN2051 H-Plane



AN2051 E-Plane



## Quick Reference Data

Item	Specification
Center Frequency	2.45 GHz
Bandwidth (typ.)	110 MHz
Peak Gain (typ.)	0.5 dBi
VSWR	2.0 (max)
Polarization	Linear
Pattern	Omni-directional
Impedance	50 Ω