

# AN3216 Multilayer Chip Antenna

*The Minimum Size Chip Antenna*

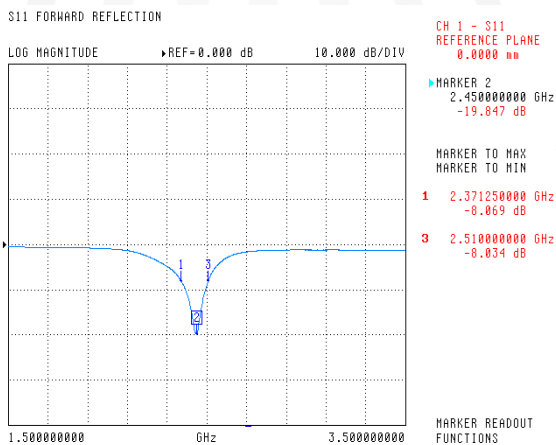
**Application : Bluetooth, 2.4 GHz WLAN, ....**

## Key Features

- Light weight and low profile  
3.2mm(L) × 1.6mm(W) × 0.9mm(H)
- Omni-directional in azimuth
- Lead (Pb) Free

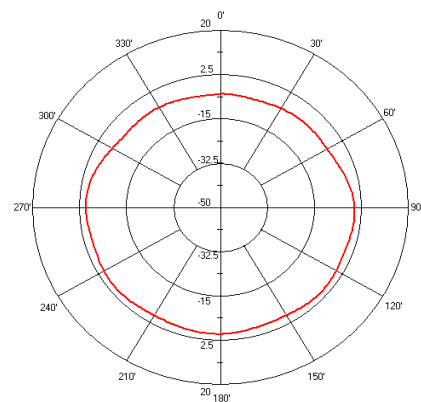


## Return Loss

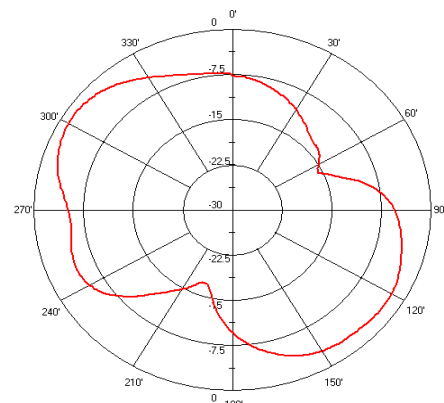


## Radiation Pattern

AN3216 H-Plane



AN3216 E-Plane



## Quick Reference Data

Item	Specification
Center Frequency	2.45 GHz
Bandwidth (typ.)	110 MHz
Peak Gain (typ.)	0.5 dBi
VSWR	2.5 (max)
Polarization	Linear
Pattern	Omni-directional
Impedance	50 Ω