ASWR03

2.45 GHZ DIELECTRIC ANTENNA

Description

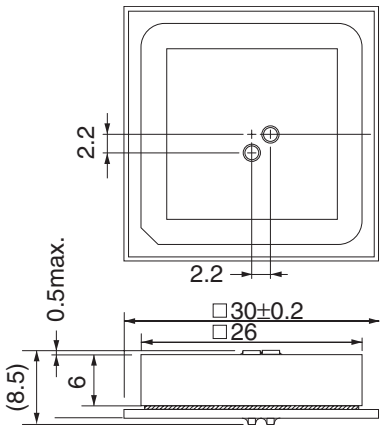
The TOKO ASWR03 is a wide-directivity, right-hand circularly polarized dielectric antenna unit specifically designed for 2.450 GHz applications including IEEE 802.11b/g wireless networking. The ASWR03 antenna unit consists of a dielectric antenna element mounted with adhesive tape to a printed circuit board.



Features

- Miniature footprint: 30mm x 30mm
- Low profile: 8.5mm max.
- Center Frequency: 2450 MHz
- Bandwidth: ±50 MHz
- Peak Gain (at center axis): 2.14 dBi (typ.)
- SWR: 2.0 max.
- Impedance: 50 Ω
- Operating temperature: -20°C to +85°C
- Storage temperature: -30°C to +90°C

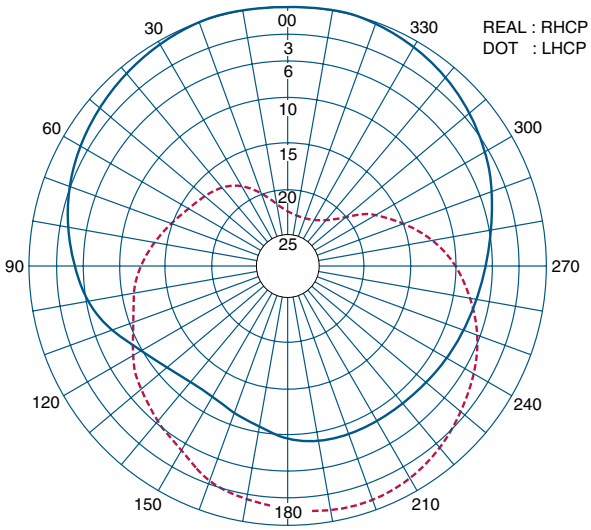
Dimensions



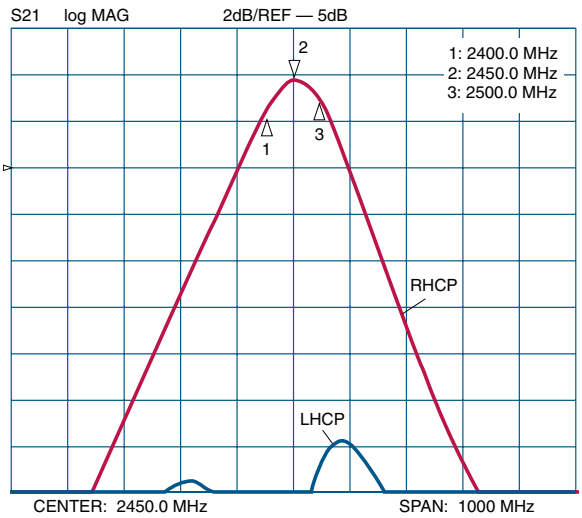
Unit: mm

Typical Characteristics

Directivity Plot



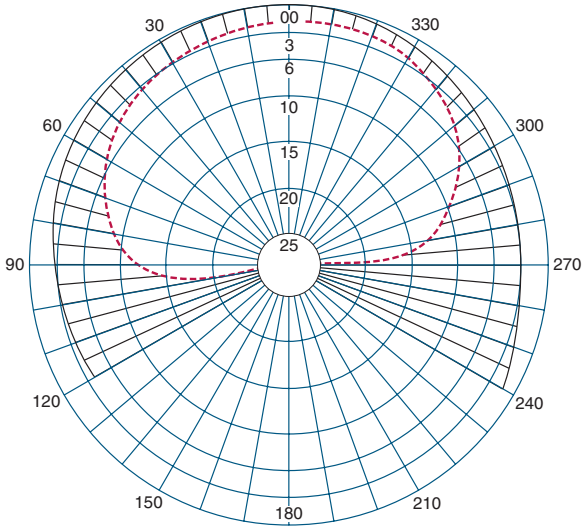
Receiving Signal Response Over Frequency



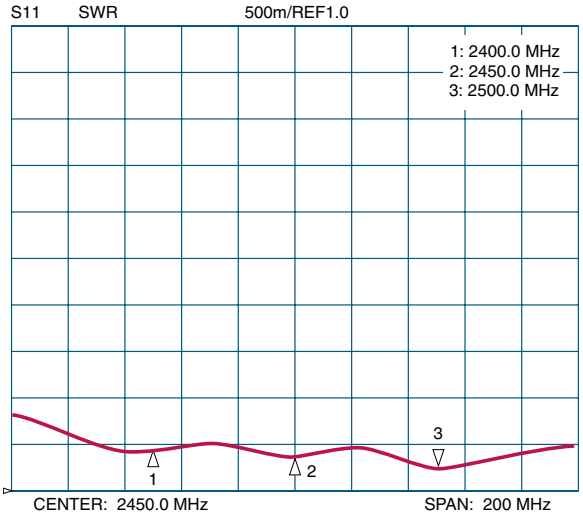
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Typical Characteristics

Axial Ratio vs. Elevation Angle



Receiving Signal Response Over Frequency



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