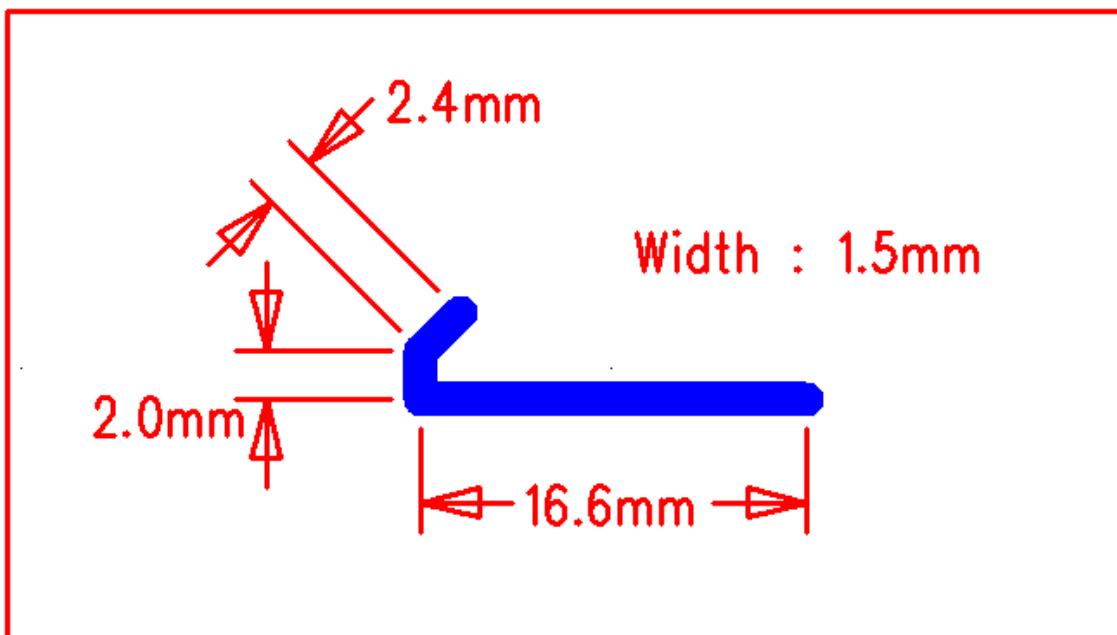


GBT-100 Antenna Specification



General Description

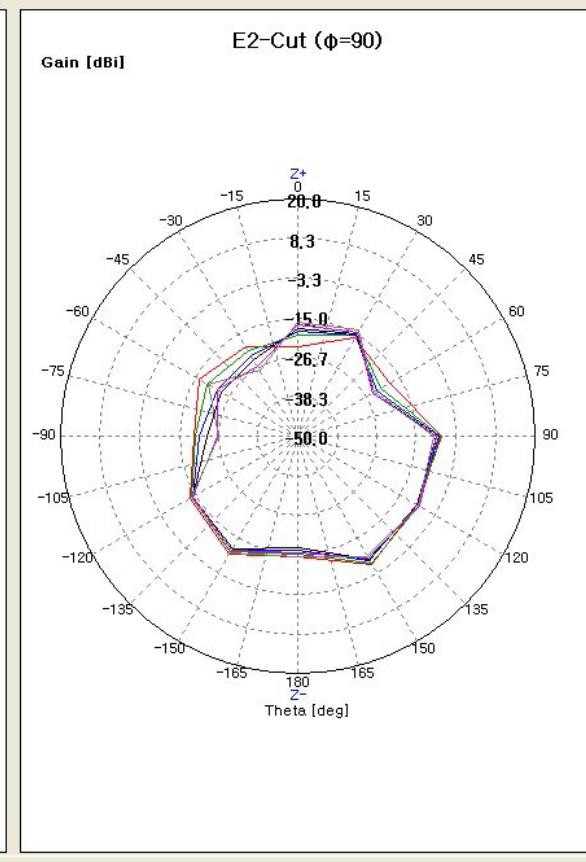
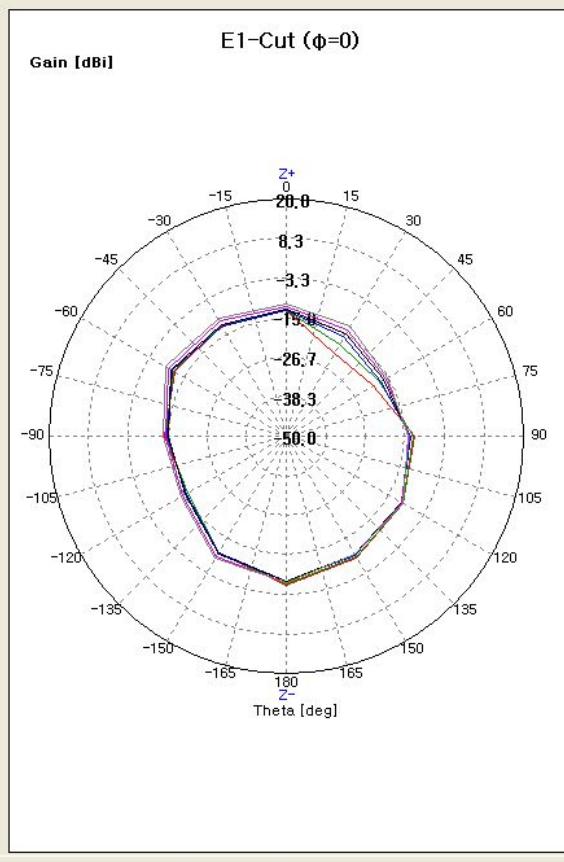
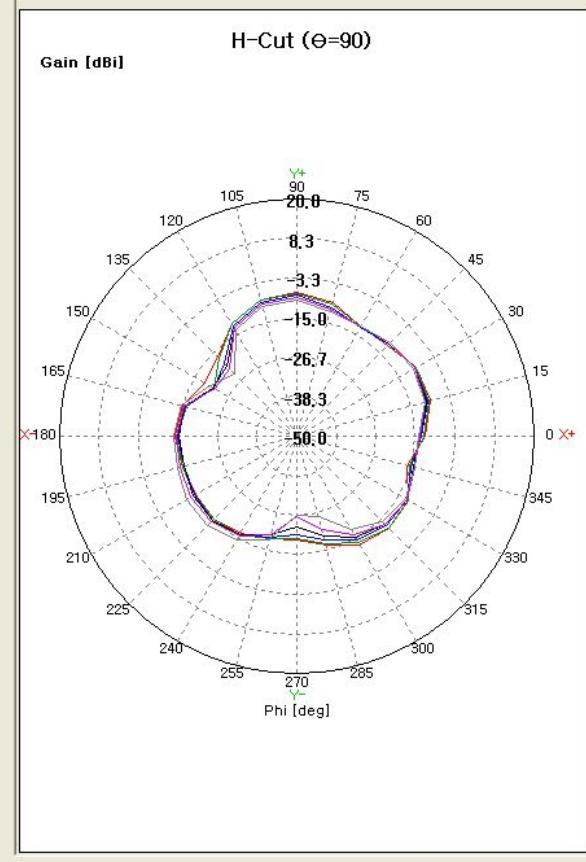
The antenna is specifically for bluetooth Hands-Free car kit application.

Its operation is in 2.4GHz band.

The antenna type is meander stripe PCB antenna similar those of the L-antenna

Features

- ▶ Operating frequencies : 2.402GHz ~2.480GHz
- ▶ Peak gain : -4.44dBi @2.402GHz
- ▶ Antenna average gain : -12.75dBi @2448.8 MHz
- ▶ Polarization : Horizontal / Max
- ▶ For bluetooth Hands-Free car kit application



Plot Data

Polarization :

Θ-pol(H)

Frequency :

2402,000
2417,600
2433,200
2448,800
2464,400
2480,000

Graph Option

Style

• Polar Rectangular

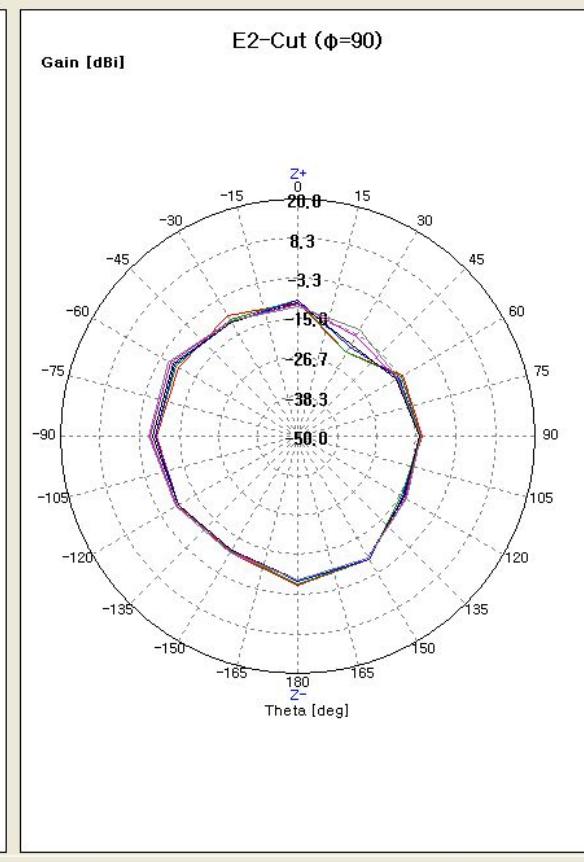
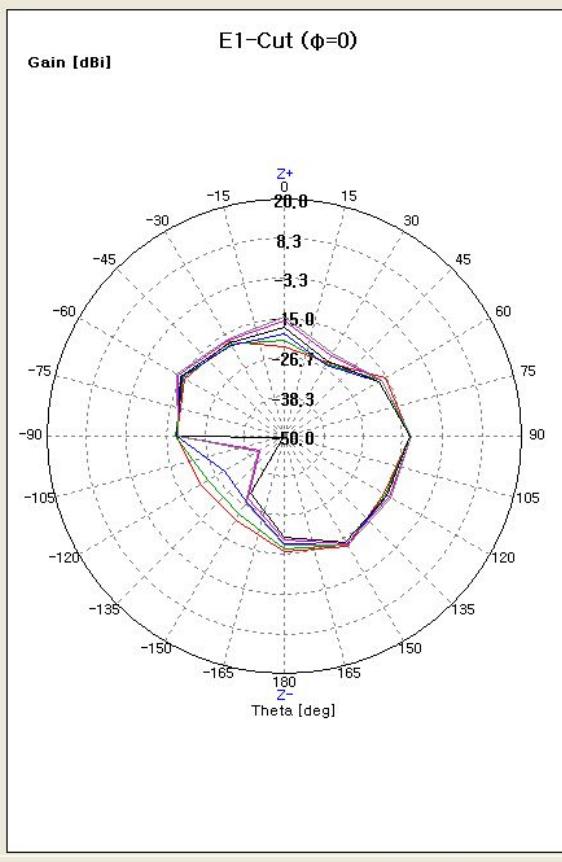
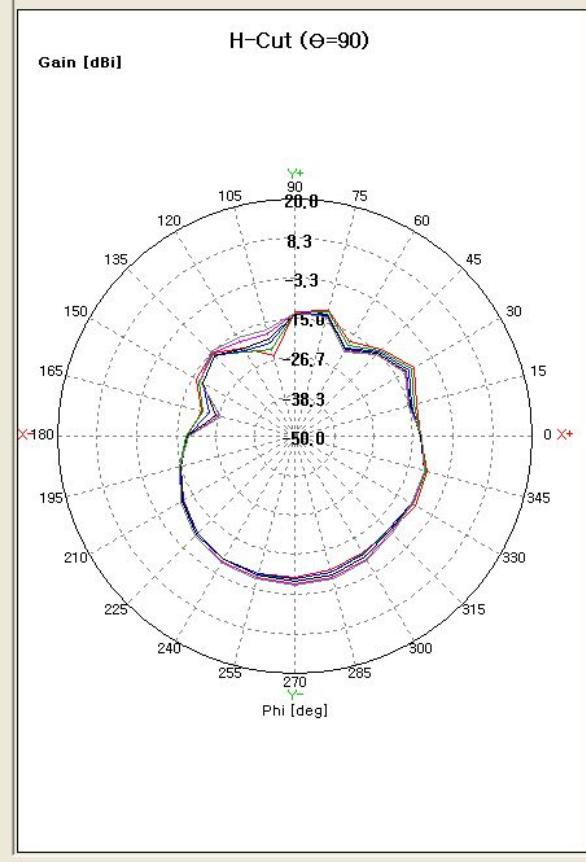
Zoom

H-Cut | E1-Cut | E2-Cut

1

Scale _____

Min : -60



Plot Data

Polarization :

◆-pol(V)

Frequency :

2402,000
2417,600
2433,200
2448,800
2464,400
2480,000

– Graph Option

Style

• Polar Rectangular

Zoom —

H-Cut | E1-Cut | E2-Cut

Goals

May 1, 2001

Min.: