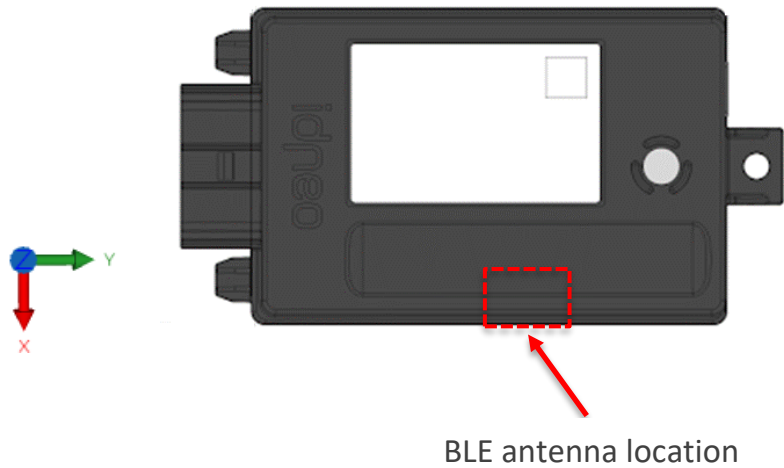




Idneo Technologies S.A.U
Carrer Rec de Dalt, 3
08100 Mollet del Vallès
(Barcelona), Spain
www.idneo.com

- Description

-BLE antenna is a printed monopole in the PCB.



- Antenna model name

Model name: Ebox NA BLE ANNA

- Specifications

Mechanical and Electrical specifications	
Operating bands	Bluetooth Low energy: 2.402 GHz–2.480 GHz
Antenna Polarization	Lineal
Antenna Impedance	50 Ohms
Antenna type	Internal printed monopole antenna

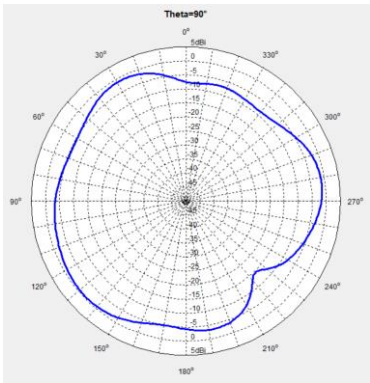
- Maximum antenna gain

Band	Maximum antenna Gain
BLE	+0.5 dBi

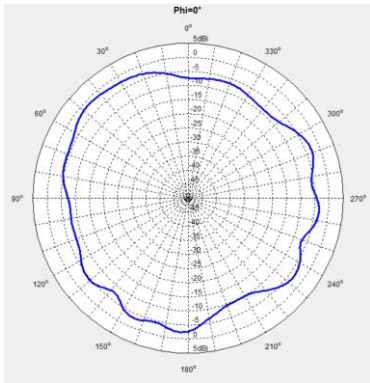
- Radiation patterns

 - 2D radiation patterns

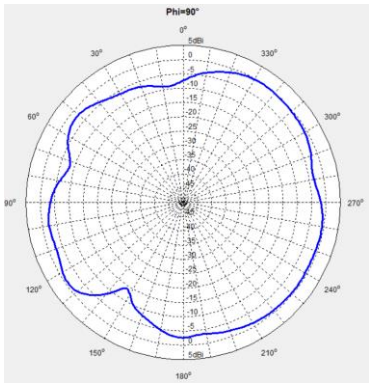
XY Plane – Total Polarization
Theta=90° - 2402 MHz



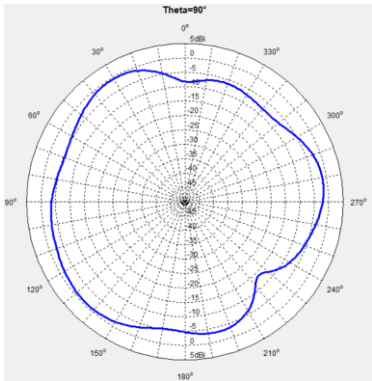
YZ Plane – Total Polarization
Phi=0° - 2402 MHz



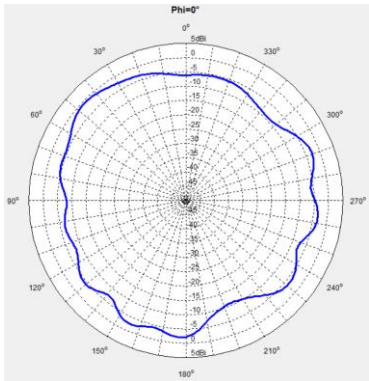
XZ Plane – Total Polarization
Phi=90° - 2402 MHz



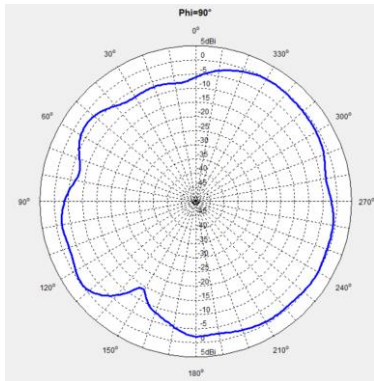
XY Plane – Total Polarization
Theta=90° - 2437 MHz



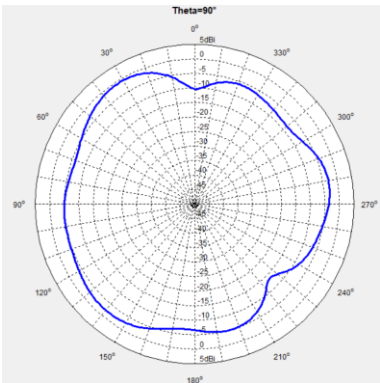
XZ Plane – Total Polarization
Phi=0° - 2437 MHz



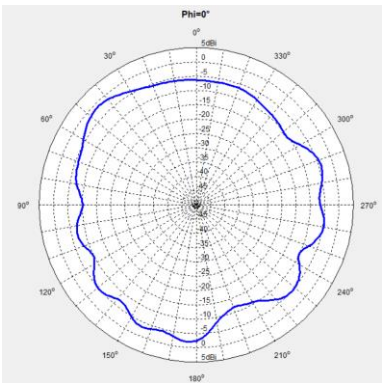
YZ Plane – Total Polarization
Phi=90° - 2437 MHz



XY Plane – Total Polarization
Theta=90° - 2480 MHz



XZ Plane – Total Polarization
Phi=0° - 2480 MHz



YZ Plane – Total Polarization
Phi=90° - 2480 MHz

