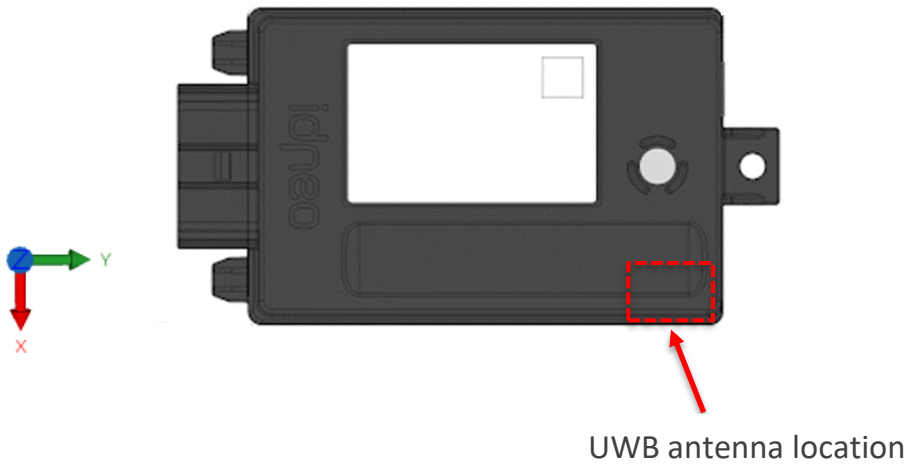




Idneo Technologies S.A.U
Carrer Rec de Dalt, 3
08100 Mollet del Vallès
(Barcelona), Spain
www.idneo.com

- Description

-UWB antenna is a printed monopole in the PCB.



- Antenna model name

Model name: Ebox NA UWB

- Specifications

Mechanical and Electrical specifications	
Antenna Operating band	6.5 GHz-8 GHz
Antenna Polarization	Lineal
Antenna Impedance	50 Ohms
Antenna type	Internal printed monopole antenna

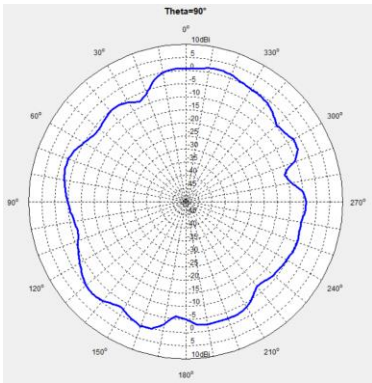
- Maximum antenna gain

Band	Maximum antenna Gain
UWB	+5.8 dBi

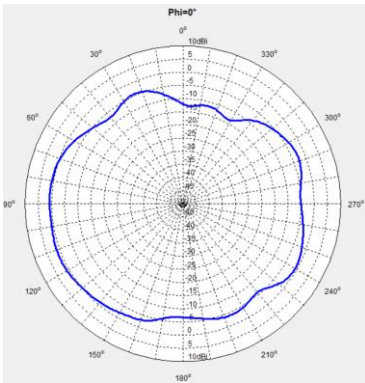
- Radiation patterns

- 2D radiation patterns

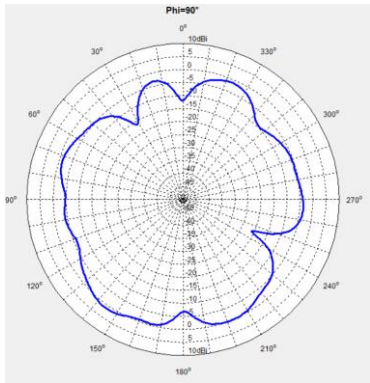
XY Plane – Total Polarization
Theta=90° - 6500 MHz



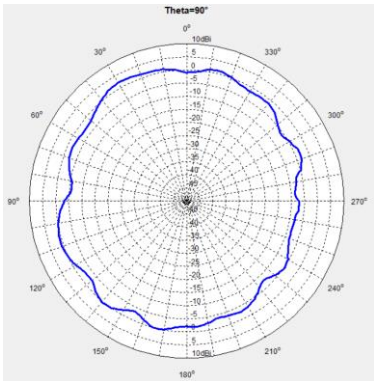
YZ Plane – Total Polarization
Phi=0° - 6500 MHz



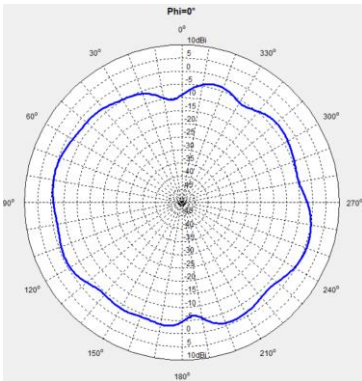
XZ Plane – Total Polarization
Phi=90° - 6500 MHz



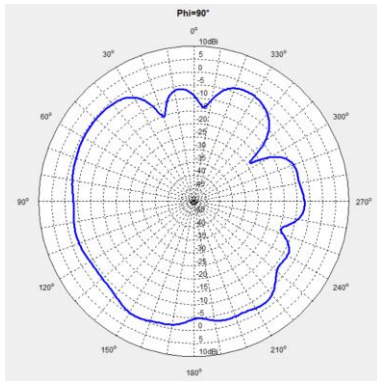
XY Plane – Total Polarization
Theta=90° - 6990 MHz



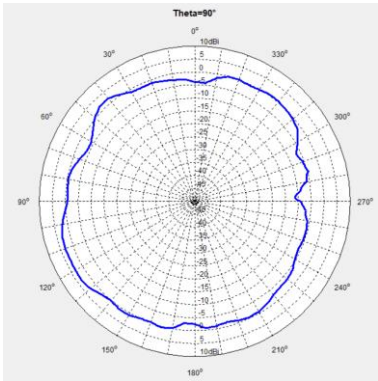
XZ Plane – Total Polarization
Phi=0° - 6990 MHz



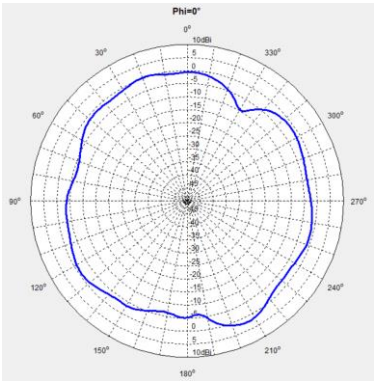
YZ Plane – Total Polarization
Phi=90° - 6990 MHz



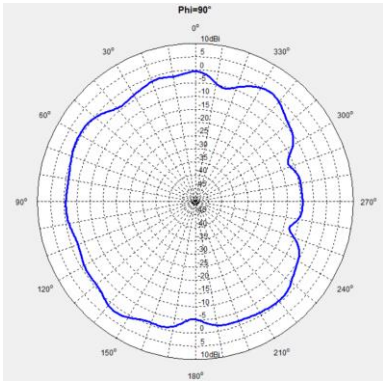
XY Plane – Total Polarization
Theta=90° - 7490 MHz



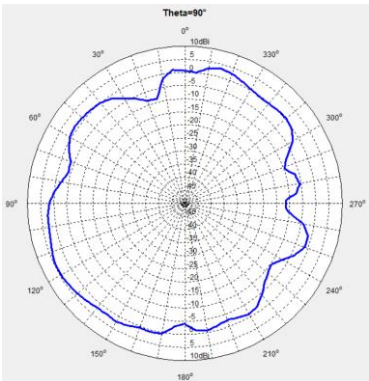
XZ Plane – Total Polarization
Phi=0° - 7490 MHz



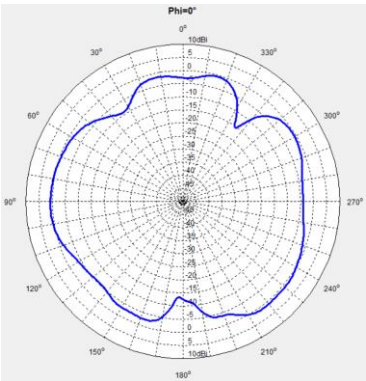
YZ Plane – Total Polarization
Phi=90° - 7490 MHz



XY Plane – Total Polarization
Theta=90° - 7990 MHz



XZ Plane – Total Polarization
Phi=0° - 7990 MHz



YZ Plane – Total Polarization
Phi=90° - 7990 MHz

