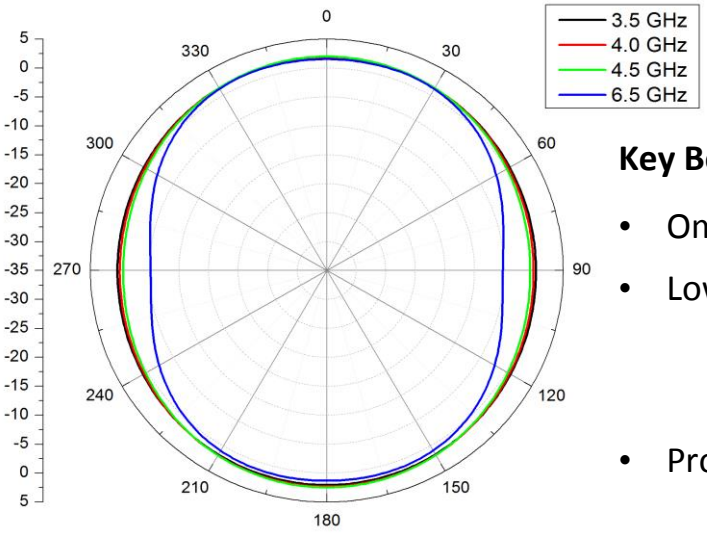
# PRODUCT INFORMATION: **WB002**

## Overview of WB002, Ultra-wideband Omni-directional Planar Antenna

- Specifically designed for operation with DW1000 based products
- Good Omni-directional gain
  - Maximum gain at 4 GHz ~ 2.2 dBi
  - Maximum gain at 6.5 GHz ~ 3.3 dBi
- Covers full DW1000 operational band (3-8 GHz)
- Minimal group delay variation




## Key Benefits

- Omni-directional
- Low/zero cost implementation
  - Uses low cost FR4 PCB
  - Can be integrated into existing PCB
- Proven design with DW1000

## Target Applications

- DW1000 based infrastructure (anchors)
- DW1000 based tags (moderate size)

Design Data is **free** to download from decaWave[1]

[1]Subject to a non-exclusive licence agreement