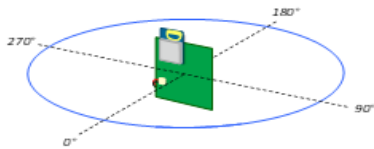
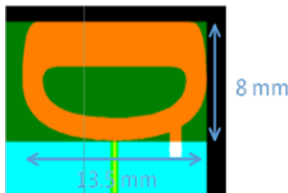


Overview of WB003, Ultra-wideband Omni-directional Planar Antenna

- Specifically designed for operation with DW1000 based products
- Good Omni-directional gain
- Maximum Gain at 6.4896GHz--2.5dBi
- Covers DW1000 channel 5, operational band 6.4896GHz
- Minimal group delay variation
- Used with DWM1001

WB003 Performance**WB003 Dimensions****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)

Channel 5:6489.6MHz

Decawave Limited

Haibian Huanqing Building, Futian District, Shenzhen City, Guangdong Province

Design file are free to download from <https://www.decawave.com/>

Every effort has been made to ensure that the information contained in this document is correct. However, the information is provisional and subject to change. All information is provided strictly for informational purposes and is proprietary to Decawave. Decawave reserves the right to withdraw, modify, or replace the specification at any time, without notice. No obligation is made by Decawave regarding the level, scope, or timing of Decawave's implementation of the functions or features discussed in this specification. The specification is "as is" and Decawave makes no warranty and disclaims all warranties expressed or implied. Decawave accepts no liability whether statutory related or implied for any inaccuracy, omission, incompleteness or error of any kind. Decawave accepts no liability for direct, indirect, consequential or incidental damages or incurred costs relating to any aspect of this information or its use. This information is © Decawave and may not be copied, reproduced, or issued to any third party except to those with a need-to-know for the purpose noted above. All Rights Reserved.

