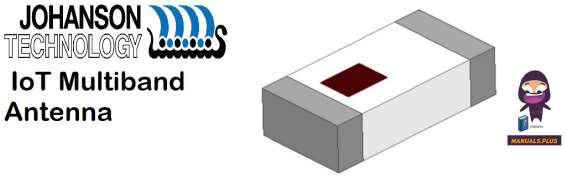

JOHANSON TECHNOLOGY IoT Multiband Antenna User Guide

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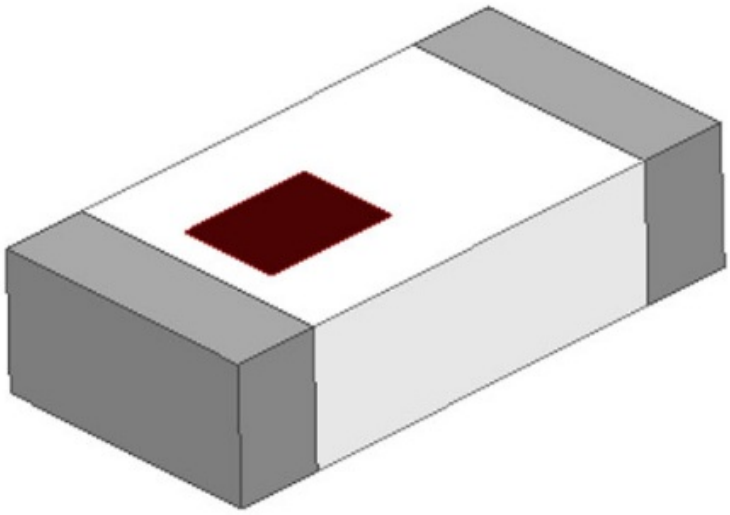
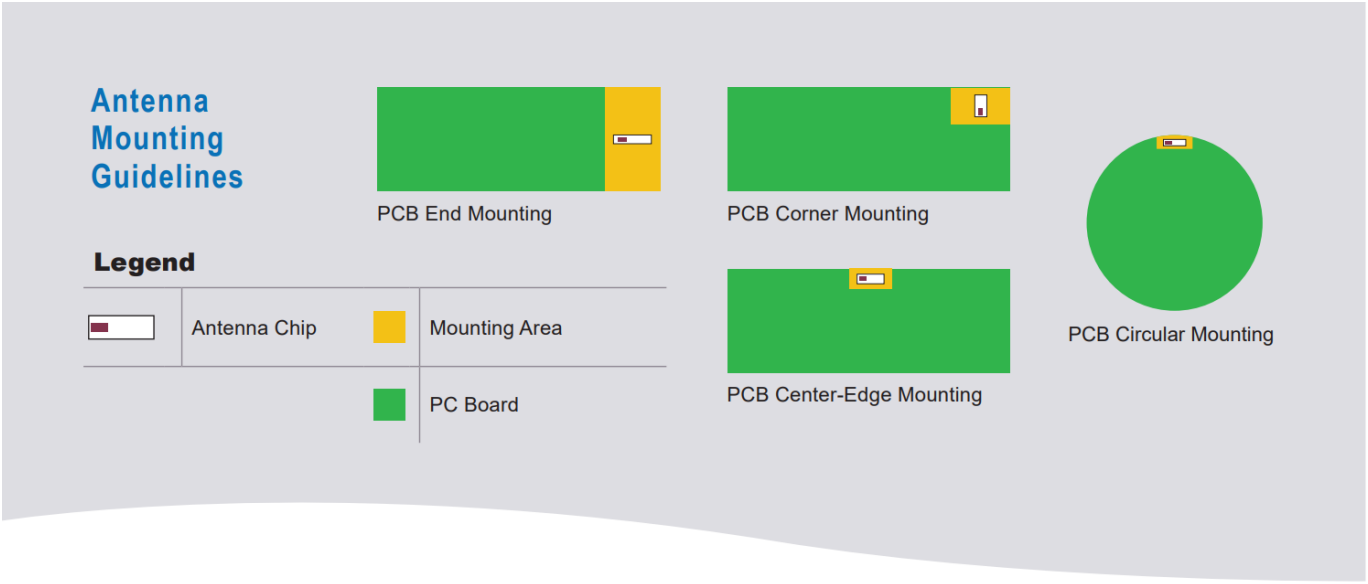
JOHANSON TECHNOLOGY IoT Multiband Antenna

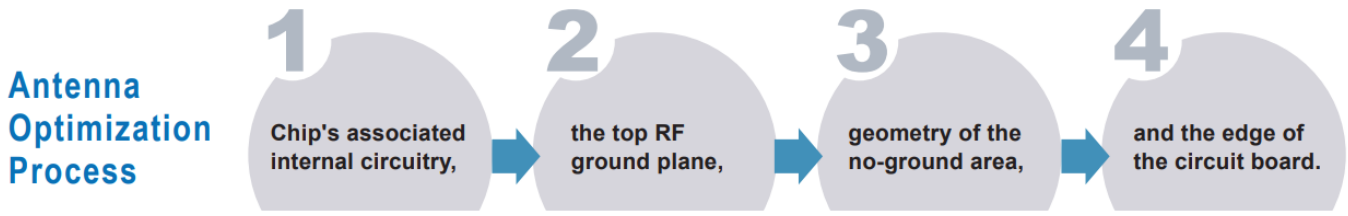


Antenna Mounting Guidelines



Selection Guide Information

Note: Refer to the website for latest version of the selection guide Antenna Chip Selection Guide is a useful tool early in the design process when a decision on which Johanson antenna chip/s will be selected. First, the designer must choose what type of layout is desired based on the product shape and remove allowable antenna chip placement. The mounting plays a critical role in antenna chip selection. It is important that the designer understands that the “Antenna Optimization Process” is composed of the following:All four of these features work together to determine the final system performance. As such, changes to the no-ground area or chip locations relative to the edge of the circuit board can result in substandard performance. Once the layout type has been selected, then determine the application type and associated operational frequency. In some cases, the selection guide will provide two antenna chip options. We have identified features that should lead the designer to a specific selection.



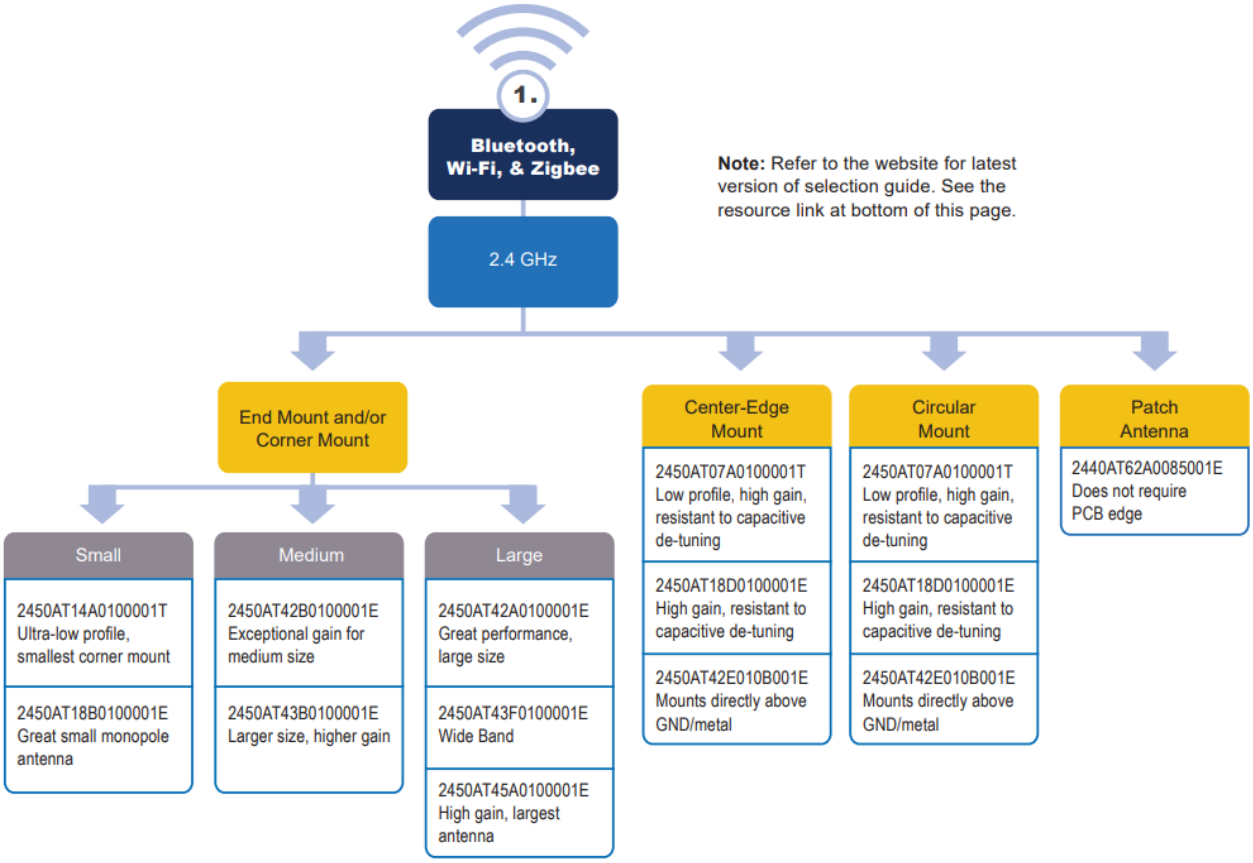
Antenna Selection Guide Tool

Antenna Selection Guide Tool

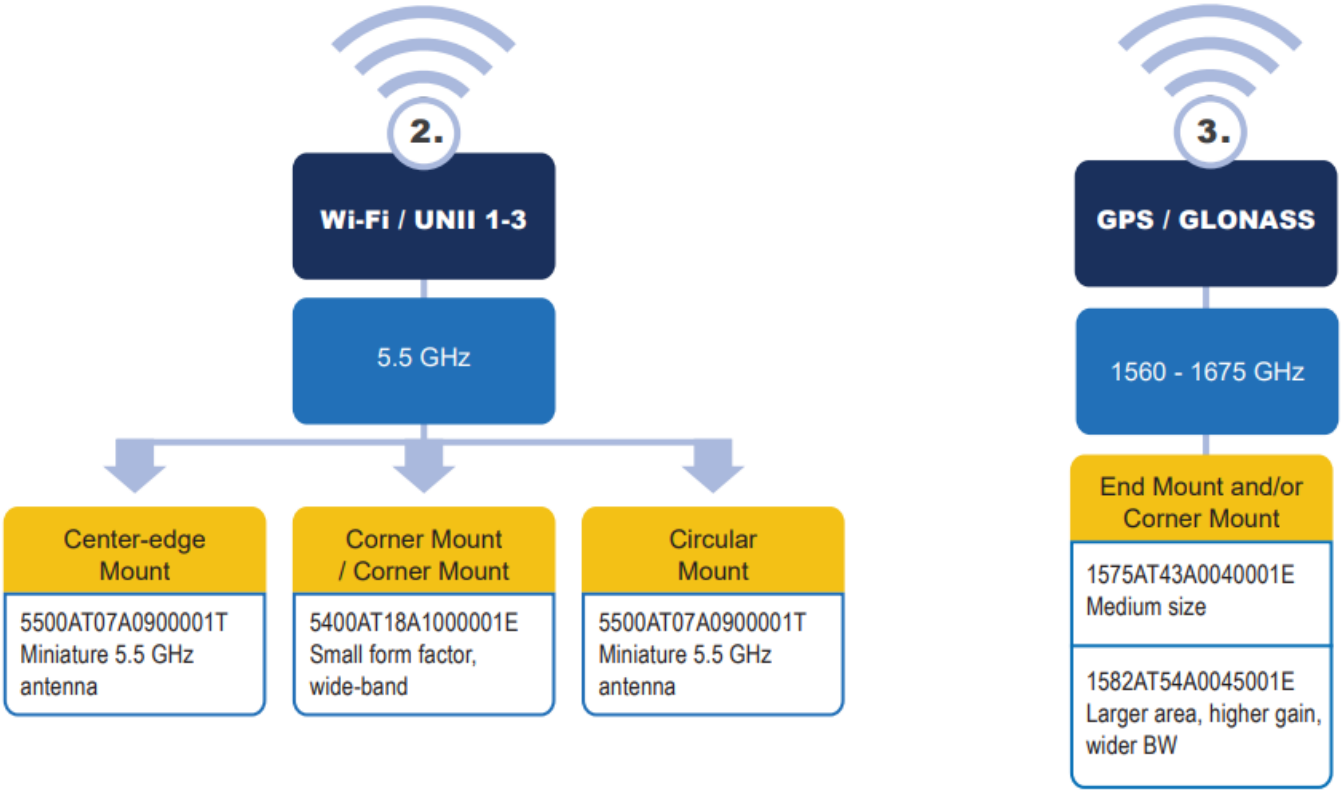
An easy to use, step-by-step tool to help you get the correct antenna chip part number, for your project design.

Legend

- Application Type
  1. Bluetooth / Wi-Fi / Zigbee
  2. Wi-Fi / UNII 1-3
  3. GNSS
  4. Sub-GHz ISM
  5. Dual-Band
  6. Ultra Wide-Band
- Frequency
- Mounting Location
- Physical Size
  Small / Medium / Large
- Part Number
  Description



Note: Refer to the website for latest version of selection guide. See the resource link at bottom of this page.



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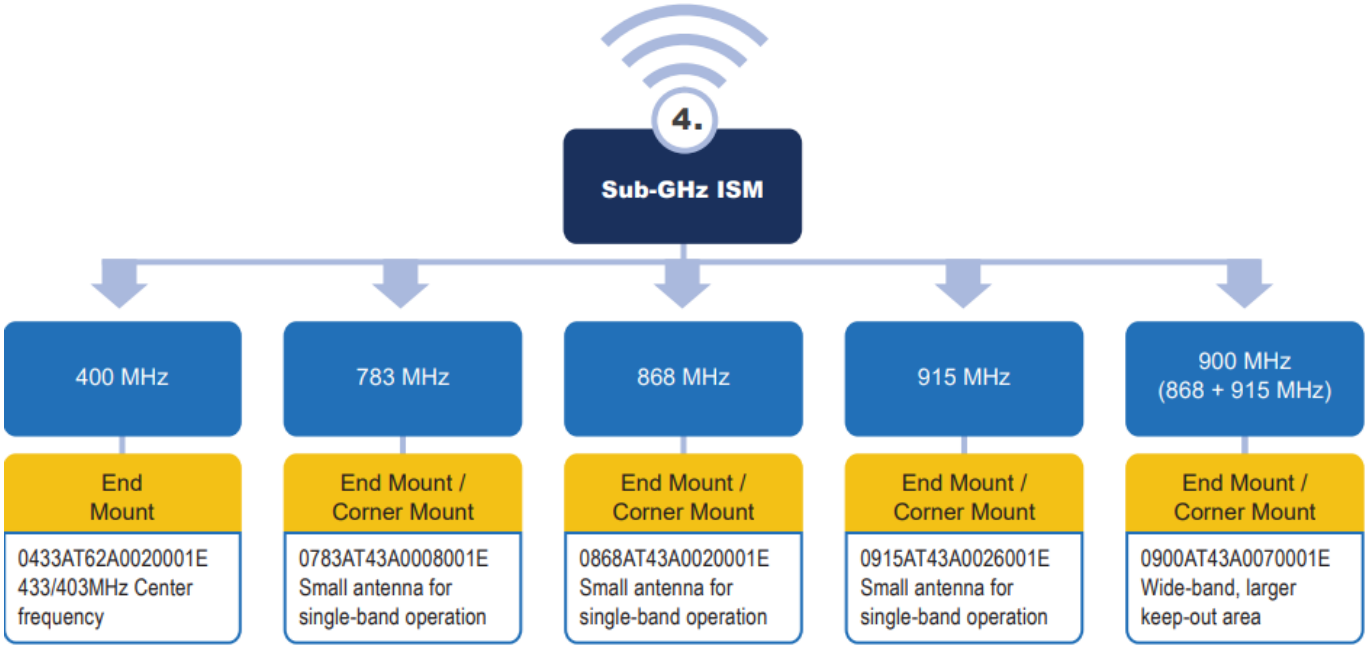
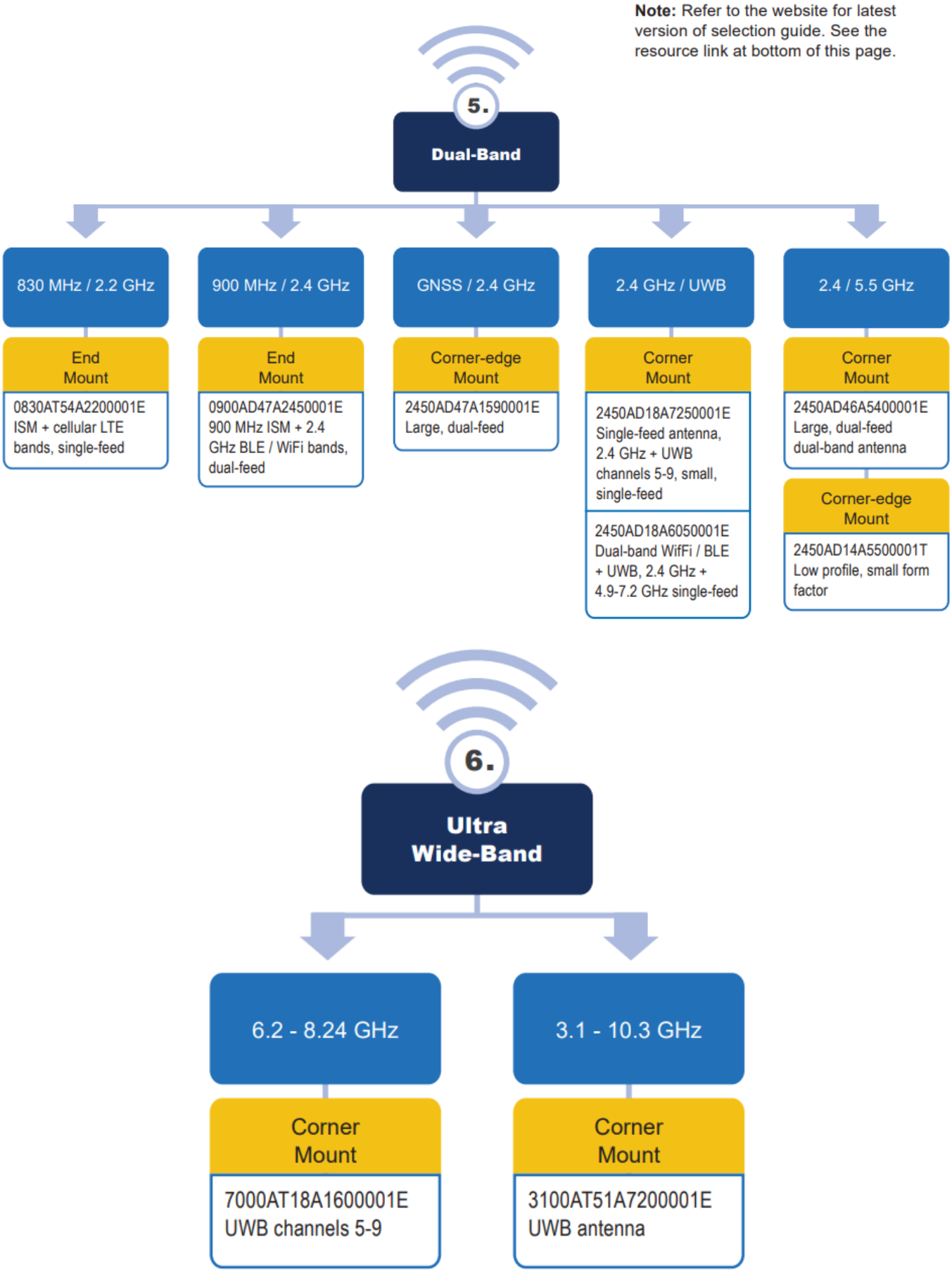
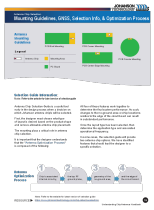




Note: Refer to the website for the latest version of the selection guide
https://www.johansontechnology.com/chip-antenna-selection

- Understanding Chip Antennas Handbook

Documents / Resources

	JOHANSON TECHNOLOGY IoT Multiband Antenna [pdf] User Guide IoT Multiband Antenna, Multiband Antenna, Antenna

References

- User Manual

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