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Design

TECHNICAL NOTE

TE Connectivity Customer Output Power Calculation – Spectrum, Focus, Unison, Fusion Product Lines

Product: iBwave Design
Version: 6.0 and higher
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OVERVIEW

This document explains the procedure required to use the custom ouput power scheme for the following TE Connectivity Product lines: InterReach Spectrum™, Unison™, Fusion™ and MetroReach Focus™.

It applies to iBwave Design 6.0 and higher.

The following topics are covered:

- CUSTOM OUTPUT POWER PROPERTY
- ENABLE CUSTOM CALCULATIONS IN IBWAVE DESIGN
- CONTACTING CUSTOMER CARE

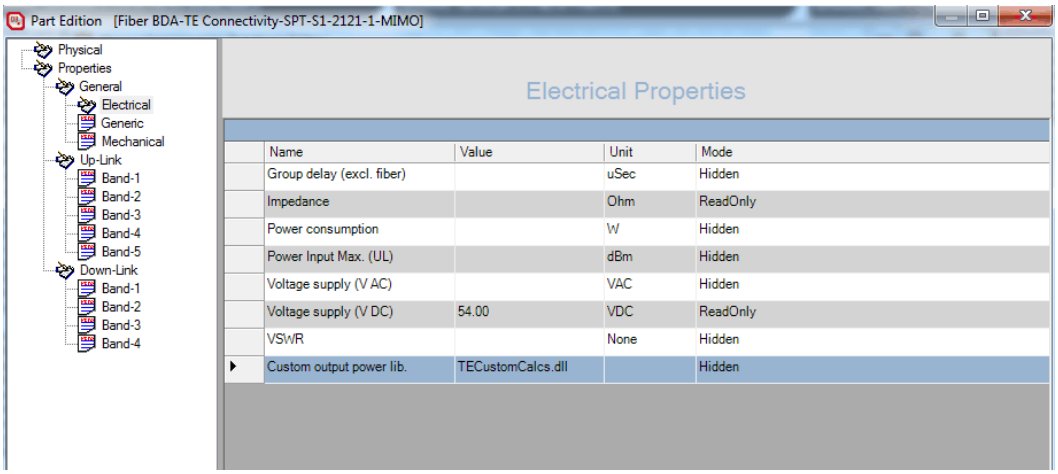
CUSTOM OUTPUT POWER PROPERTY

A new custom property has been added in the parts definition for TE Connectivity Product lines Spectrum, Unison, Fusion and Focus.

This new property “custom ouput power lib.” enables a custom output calculation scheme when these parts are used in iBwave project files. It allows bypassing the standard iBwave calculation scheme.

This new *.dll has been loaded for all parts of the Spectrum, Unison, Fusion, and Focus lines. Please download and import the updated TE Connectivity vex files to your iBwave DB. This updated *.vex file is only compatible with iBwave Design v6.0 and higher.

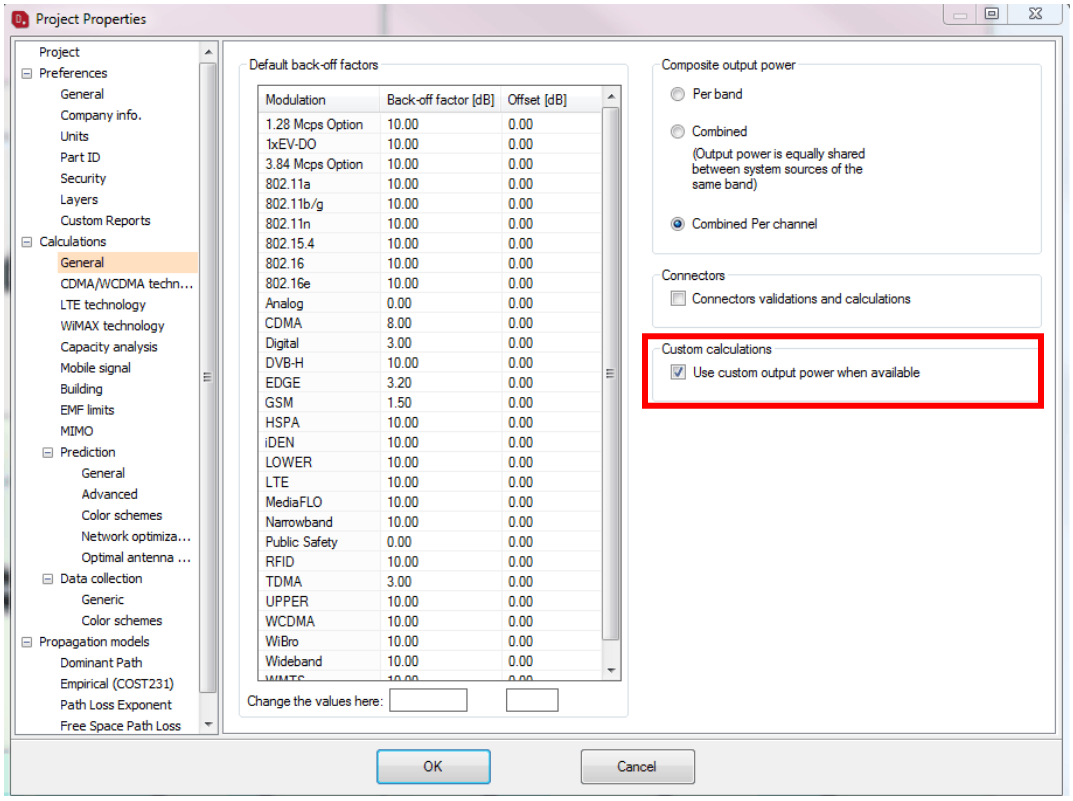
If you double-click on one of the active parts (e.g. Fiber BDA) of these product lines, you will notice an additional property called “Custom ouput power lib.” among the electrical properties whose value is set to “TECustomCalcs.dll” which is the custom calculation scheme itself (see below).



ENABLE CUSTOM CALCULATIONS IN IBWAVE DESIGN

For enabling the custom calculations in iBwave Design, you need to:

- Use the updated parts in your project files; if you want to test on old designs, make sure you import the latest TE Connectivity *.vex file to your DB and update all parts in your project file (right-click on one part > Update components > All components).
- Go to Project Properties > Calculations > General > make sure the box under “custom calculations” is ticked. If this box is not ticked, the default iBwave calculations will be used instead.



CONTACTING CUSTOMER CARE

If you encounter any problems using iBwave Design, or if you have any questions, please send your inquiries to Customer Care:

- **Email:** support@ibwave.com
- **Phone:** 1 514 397-0606, extension 610

You can also:

- Log into the iBwave Customer Portal, and create a request in the **My Cases** section: http://www.ibwave.com/language/en-US/MyiBwave.aspx
- Check if your questions have been answered in the **Knowledge Base** section of the iBwave Customer Portal

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