

Ansys Accessibility Conformance Report

Desktop edition

(Based on VPAT® Version 2.4)

Product name:

Product Version:

Report Date:

**Lumerical FDTD, Lumerical
INTERCONNECT, Lumerical MODE,
Lumerical Multiphysics
2022R2
8/1/2022**

Lumerical's tools enable the design of photonic components, circuits, and systems. Lumerical's component-level simulation products use multiphysics-style simulation workflows to model optical, electrical and thermal effects at the physical level. Lumerical's system-level simulation products offer a rich set of analysis capabilities to design and optimize the performance of photonic integrated circuits.

Product Description:

Contact Information:

Notes:

Evaluation methods used:

Human evaluation and vendor proprietary, Microsoft Accessibility Insights for Windows, Colour Contrast Analyzer

Applicable standards/guidelines:

Standard/Guideline

Web Content Accessibility Guidelines 2.0

**Included In Report
Level A (Yes)
Level AA (Yes)
Level AAA (No)**

Web Content Accessibility Guidelines 2.1

Level A (Yes)
Level AA (Yes)
Level AAA (No)

Revised Section 508 standards published January 18, 2017 and corrected January 22, 2018

(Yes)

EN 301 549 Accessibility requirements suitable for public procurement of ICT products and services in Europe, - V3.1.1 (2019-11)

(Yes)

Terms

The terms used in the Conformance Level information are defined as follows:

- Supports: The functionality of the product has at least one method that meets the criterion without known defects or meets with equivalent facilitation.
- Partially Supports: Some functionality of the product does not meet the criterion.
- Does Not Support: The majority of product functionality does not meet the criterion.
- Not Applicable: The criterion is not relevant to the product.
- Not Evaluated: The product has not been evaluated against the criterion. This can be used only in WCAG 2.0 Level AAA.

WCAG 2.x Report

WCAG 2.X also documents conformance with:

EN 301 549: Chapter 9 - Web, Sections 10.1-10.4 of Chapter 10 - Non-Web documents, and Sections 11.1-11.4 and 11.8.2 of Chapter 11 - Non-Web Software (open and closed functionality), and Sections 12.1.2 and 12.2.4 of Chapter 12 – Documentation
 Revised Section 508: Chapter 5 – 501.1 Scope, 504.2 Content Creation or Editing, and Chapter 6 – 602.3 Electronic Support Documentation.

Note: When reporting on conformance with the WCAG 2.x Success Criteria, they are scoped for full pages, complete processes, and accessibility-supported ways of using technology as documented in the WCAG 2.0 Conformance Requirements.

WCAG 2.0 and 2.1 Success Criteria Level A and AA

Notes:

[Notes here]

| Criteria | Supports | Partially Supports | Does not support | Notes |
|---|----------|--------------------|------------------|--|
| 1.1.1 Non-text Content | X | | | The app is not web-based |
| 1.2.1 Audio-only and Video-only (Prerecorded) | X | | | The app does not contain audios or videos |
| 1.2.2 Captions (Prerecorded) | X | | | The app does not contain videos |
| 1.2.3 Audio Description or Media Alternative | X | | | The app does not contain audios or videos |
| 1.2.4 Captions (Live) | X | | | The app does not contain audios or videos |
| 1.2.5 Audio Description | X | | | The app does not contain audios or videos |
| 1.3.1 Info and Relationships | X | | | The app is not web-based |
| 1.3.2 Meaningful Sequence | X | | | The app is not web-based |
| 1.3.3 Sensory Characteristics | | X | | Some elements are identified by shape and also by text |
| 1.3.4 Orientation | X | | | The app does not have a mobile interface |

| | | | |
|--|---|---|--|
| 1.3.5 Identify Input Purpose | X | | The app does not collect personal information |
| 1.4.1 Use of Color | | X | Some elements identified by color and also by text |
| 1.4.10 Reflow | X | | Content and functionality not lost when zooming to 400% |
| 1.4.11 Non-Text Contrast | X | | Visual presentation required to identify author active controls or control states has a contrast ratio greater than or equal to 3:1 against adjacent background colors |
| 1.4.12 Text Spacing | X | | The app is not web-based |
| 1.4.13 Content Hover on Focus | X | | The app is not web-based |
| 1.4.2 Audio Control | X | | The app does not have audio |
| 1.4.3 Contrast (Minimum) | | X | Some elements do not have sufficient contrast |
| 1.4.4 Resize text | X | | Content and functions not lost when zooming to 200% |
| 1.4.5 Images of Text | X | | The app is not web-based |
| 2.1.1 Keyboard | X | | The textual commands duplicate most mouse functions |
| 2.1.2 No Keyboard Trap | X | | Where dialogs are active, the user can exit using the keyboard |
| 2.1.4 Character Key Shortcuts | X | | Users can turn off, remap, or prevent single character shortcuts from activating when elements do not have focus |
| 2.2.1 Timing Adjustable | X | | The app does not have a timeout feature |
| 2.2.2 Pause, Stop, Hide | X | | The app does not have carousels |
| 2.3.1 Three Flashes or Below Threshold | X | | Screens do not contain flashing content |
| 2.4.1 Bypass Blocks | X | | The app is not web-based |
| 2.4.2 Page Titled | X | | Screens have top line titles that describe their purposes |

| | | | |
|---|---|---|--|
| 2.4.3 Focus Order | X | | Where keyboard focus can be used, focus moves left to right, top to bottom |
| 2.4.4 Link Purpose (In Context) | X | | The app is not web-based |
| 2.4.5 Multiple Ways | X | | The app is not web-based |
| 2.4.6 Headings and Labels | | X | Some headings and labels describe topic or purpose |
| 2.4.7 Focus Visible | X | | Keyboard focus is visible |
| 2.5.1 Pointer Gestures | X | | Functions are performed when the user releases the mouse button |
| 2.5.2 Pointer Cancellation | | X | The user must back the action out after performing it and try again |
| 2.5.3 Label in a Name | X | | The app is not web-based |
| 2.5.4 Motion Actuation | X | | Site or app does not use motion to perform functions |
| 3.1.1 Language of Page | X | | Screen default languages are specified |
| 3.1.2 Language of Parts | X | | The app is not web-based |
| 3.2.1 On Focus | X | | Control focus does not cause new screens to appear |
| 3.2.2 On Input | X | | Control input does not cause new screens to appear |
| 3.2.3 Consistent Navigation | X | | The app is not web-based |
| 3.2.4 Consistent Identification | X | | The app is not web-based |
| 3.3.1 Error Identification | | X | Some errors are identified and described in text form |
| 3.3.2 Labels or Instructions | X | | Control labels describe the purposes of controls |
| 3.3.3 Error Suggestion | | X | Some error suggestion corrections are provided in text form |
| 3.3.4 Error Prevention (Legal, Financial, Data) | X | | The app does not contain legal or financial transactions |
| 4.1.1 Parsing | X | | The app is purely desktop software |

| | | | |
|-------------------------|---|---|---|
| 4.1.2 Name, Role, Value | | X | Assistive technology can detect control names, types, states, and values where the app has keyboard focus |
| 4.1.3 Status Messages | X | | The app does not contain status messages |

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