

SimulationParameterK

STUDIES

+

FDTD

draft

Editor

CONFIGURATION

+

Simulation Domain

Run Time

Grid Specification

Boundary and Symmetry

Shutoff Condition

Show More

STRUCTURES

+

cladding

box

substrate

SOURCES

+

gaussian_source

MONITORS

+

mode_monitor

flux_sub

flux_ref

field_xy

field_xz

SCRIPT OBJECTS

+

Add StructureHelp

Primitive Geometries

Box

Sphere

Cylinder

PolySlab

GeometryGroup

Import Geometries from

gds

↑

2D Layout

STL

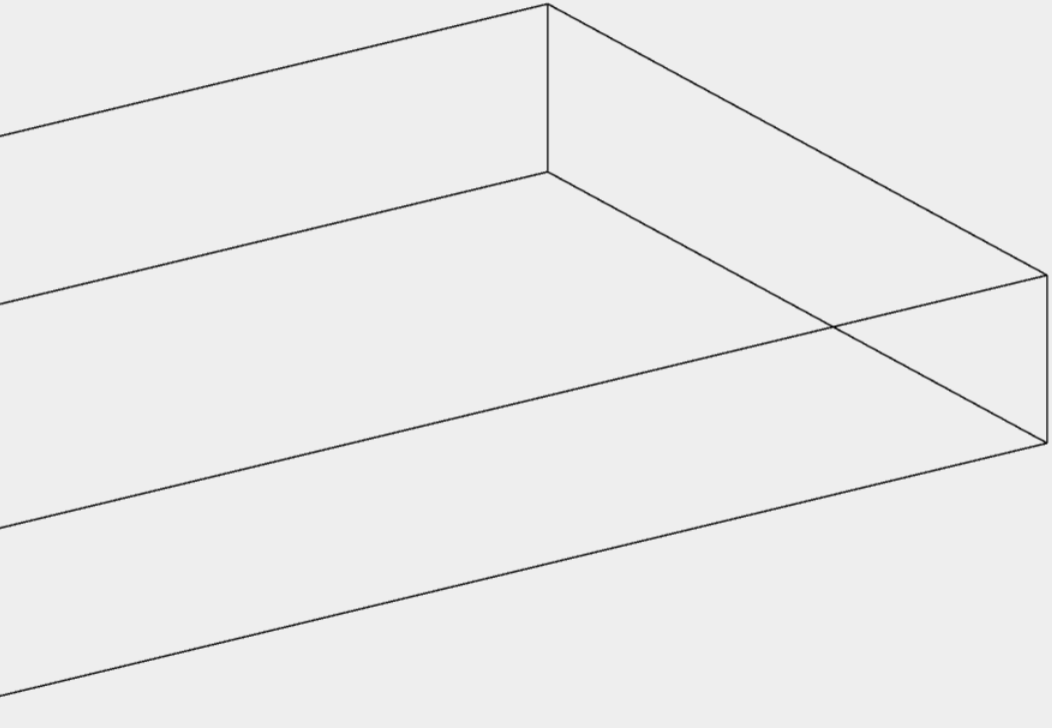
↑

3D CAD

OK

chart2D ChartTask DetailsRun

Validation pass



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-

↺

?

Visibility

Symmetry

Axes

Ruler

Simulation Domain

📷

> Sources(0/1)

> Monitors(0/5)

> Grid Override Stru... (0/1)

Structures(0/3)

+

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SCRIPT OBJECTS



3D Chart

2D Chart

Task Details

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Validation pass

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> Sources(0/1)

> Monitors(0/5)

> Grid Override Stru... (0/1)

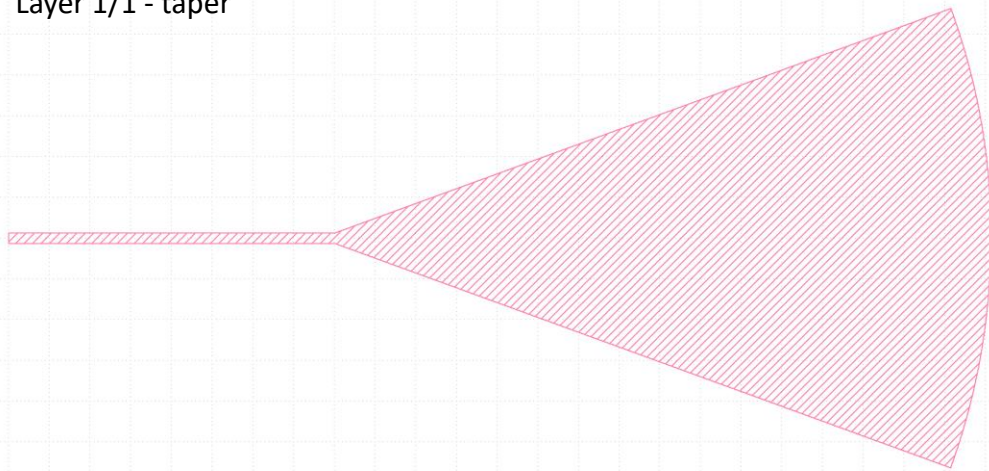
Structures(0/3)

cladding

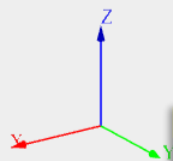
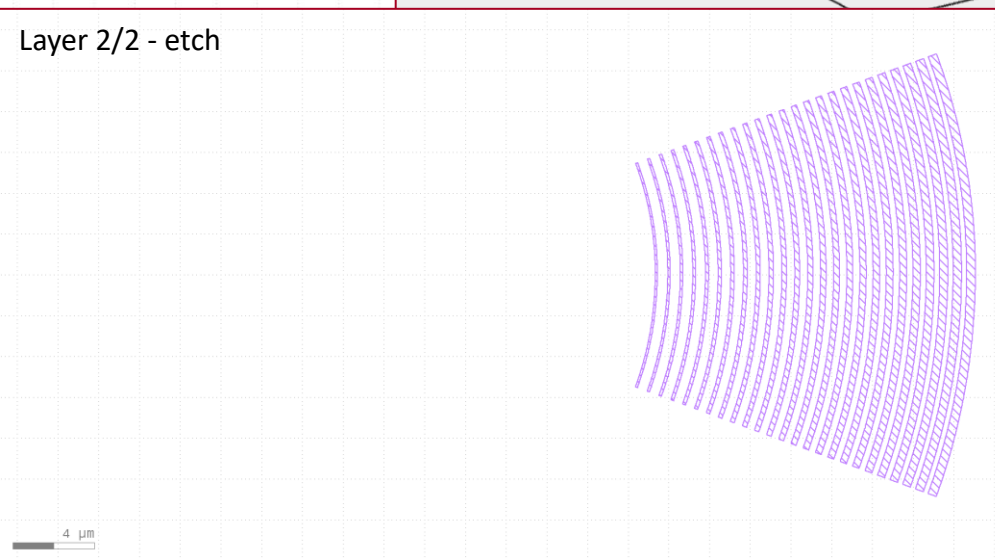
box

substrate

Layer 1/1 - taper



Layer 2/2 - etch

<https://docs.flexcompute.com/projects/tidy3d/en/latest/notebooks/FocusedApodGC.html>

Simulation Parameter K

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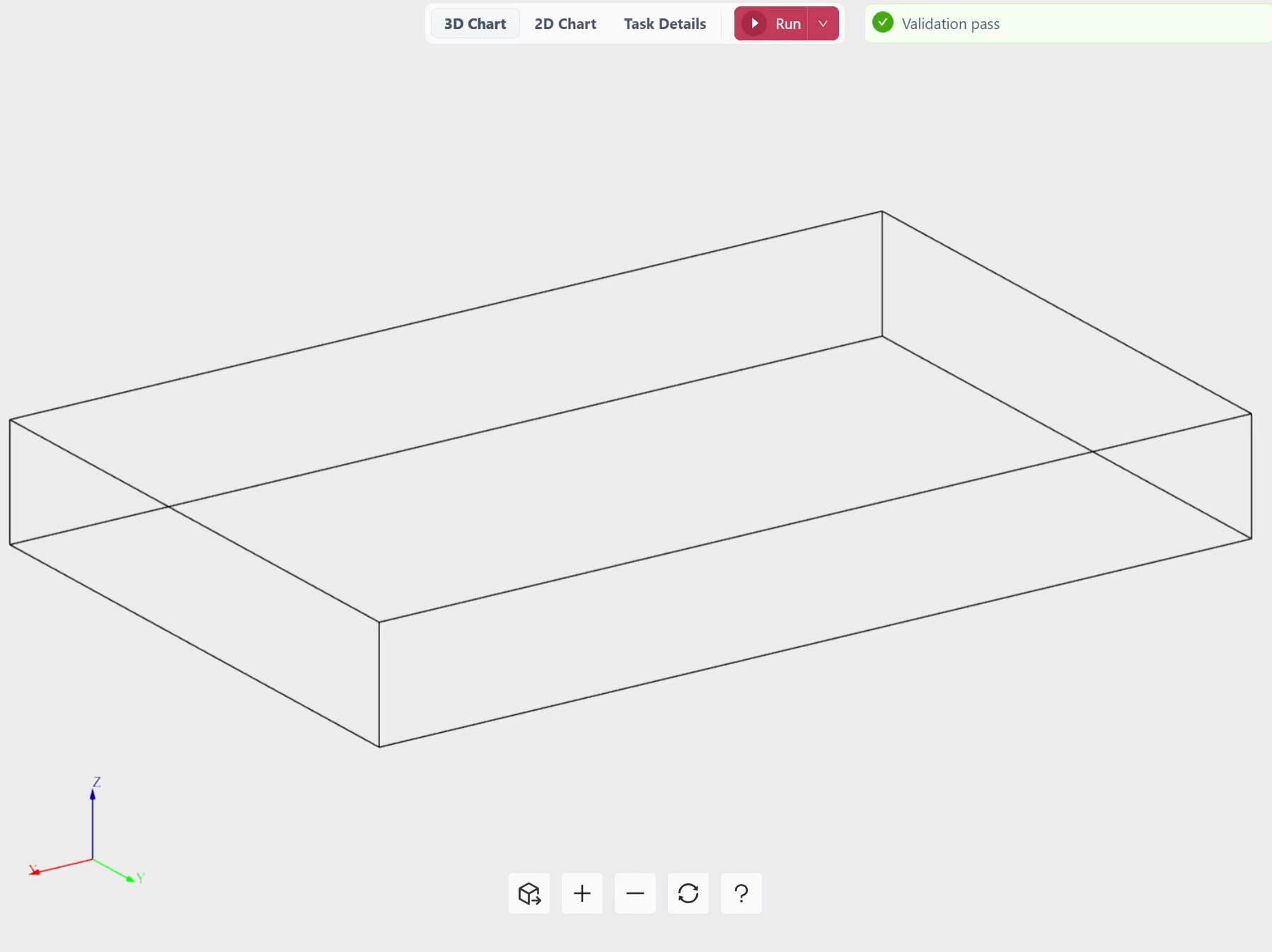
STRUCTURES

- cladding
- box
- substrate

SOURCES

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Simulation Domain

Sources(0/1)

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Grid Override Stru... (0/1)

Structures(0/3)

- cladding
- box
- substrate



Tutorial 12 - GDS Import

v2

Saved

Tutorial Video

Example Library

Share

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box

substrate

gc_taper

gc_etch

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SCRIPT OBJECTS

Edit Structure

Help

T

X

Focusing_GC.gds (Edit after upload)

* cell

GC

* layer

22/2

* slab_bounds

min0.02μm

max0.12μm

Advanced

sidewall_angle

0degree

reference_plane

middle

dilation

0μm

view geometries

* medium

mat_sio2

Apply

chart

2D Chart

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Structures26/29

cladding

box

substrate

gc_taper1/1

gc_etch25/25

Angled sidewalls

Erosion

Dilation

+

-

?

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STRUCTURES

SOURCES

mode_source

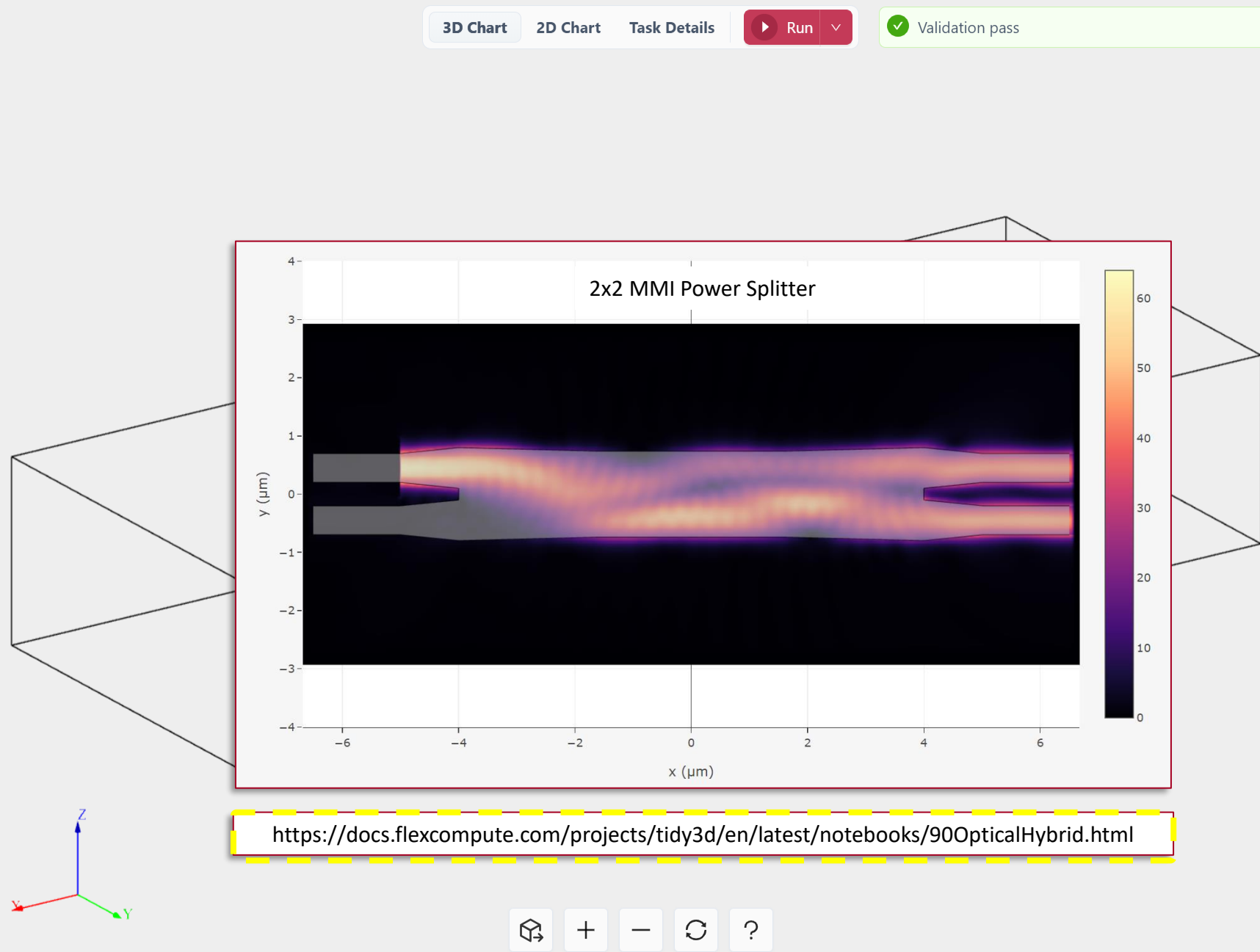
MONITORS

monitor_through

monitor_cross

field_xy

SCRIPT OBJECTS



Visibility

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STRUCTURES +

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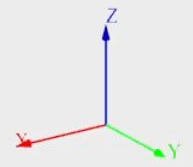
MONITORS +

SCRIPT OBJECTS +

3D Chart 2D Chart Task Details

Run

Validation pass



3D Viewport Controls

+ -

?

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Help Icon