1Simulation for Wilkinson Power divider

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1. Simulation for 2-5 GHz

A yellow and blue diagram

AI-generated content may be incorrect.

R1 = 200; R2 =100

S parameters:

A graph with lines and numbers

AI-generated content may be incorrect.

A diagram of a graph

AI-generated content may be incorrect.

A graph with a line going up

AI-generated content may be incorrect.

A screenshot of a computer

AI-generated content may be incorrect.

Change the dielectric to 2.44, we can have the line impedance as 50 ohms

A screenshot of a computer

AI-generated content may be incorrect.

A screenshot of a computer

AI-generated content may be incorrect.

A diagram of a rectangular object

AI-generated content may be incorrect.

Impedance on port1 and port2

A red line on a white background

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A green line graph with black text

AI-generated content may be incorrect.

A graph with lines and a red line

AI-generated content may be incorrect.

Reset the port size

A screenshot of a computer

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A cartoon of a person's leg

AI-generated content may be incorrect.

A yellow figure with blue screw

AI-generated content may be incorrect.

A yellow and blue diagram

AI-generated content may be incorrect.

A computer generated image of a machine

AI-generated content may be incorrect.

A graph with lines and curves

AI-generated content may be incorrect.

A graph with lines and dots

AI-generated content may be incorrect.

Modification microwave strip based on CST calculation

A graph with green line

AI-generated content may be incorrect.

A screenshot of a computer

AI-generated content may be incorrect.

A graph of different colored lines

AI-generated content may be incorrect.S parameters for 5-8 GHz on board 1( 2-5 GHz)

A graph of a graph

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For 9 – 12 GHz WPD

A computer screen shot of a diagram

AI-generated content may be incorrect.

A graph with different colored lines

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5 – 6.7 GHz

A screenshot of a computer

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A graph with lines and dots

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7.3 – 9.0 GHz

2-5 GHz

A graph with lines and curves

AI-generated content may be incorrect.