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Microwave Engineering – Filter Project

3.6 GHz, Ripple BW = 0.24 GHz, Fourth Order, Hair Pin Structure, S11 in the ripple bandwidth: < -15 dB

Friday - 11/17/2023

The following is the design Chebyshev table,

A screenshot of a computer screen

Description automatically generated

Low pass prototype



A graph with a line

Description automatically generated

Saturday 11/18/2023

Goal: bandwidth prototype and begin filter T-line transformation.

A graph with blue lines

Description automatically generatedA graph of a graph

Description automatically generated