

# Matching Network Synthesis Wizard for a PA

This is a load pull based example, in that the goals in the wizard are based directly on measurements for the load pull file in the project. Results are saved in the project, but you can re-run the synthesis, it only takes a few seconds to complete. Note that clicking on the various schematics in the User Folder in the project will show the results for that schematic. Also, the Smith graph with the contours shows the s-parameter result for the chosen schematic. This uses the S\_Term measurement, in order to normalize to 5 instead of 50, making it easier to visually judge the results. The "Performance vs Frequency" rectangular graph uses our "G\_LPINT2" measurement to show the results of output power and PAE across frequency. [Test drive the project.](#)

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