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100 Elwood Davis Road ♦ North Syracuse, NY 13212 ♦ USA

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# Guide to SonnetLab Examples

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**Specialists in High-Frequency Electromagnetic Software**  
(315) 453-3096 Fax: (315) 451-1694 <http://www.sonnetsoftware.com>

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## Guide to Examples

The SonnetLab toolbox for Matlab (from here on called SonnetLab) ships with a folder containing a few examples of what can be done using SonnetLab. An explanation of what these demonstration scripts do is provided below:

**BeginnerDemo** This is an introductory demo of SonnetLab  
This is a very simple demo of how Sonnet projects can be  
built and simulated using Matlab.

**LayerDemo** A demo of Matlab modifying and simulating a project  
This function is a demonstration of an realistic use  
for the ability to run SONNET from MATLAB.

This function will read in a Sonnet Project representing  
an antenna. This antenna will be made of many  
square metals in a grid. This function will modify the  
level that individual patches of the antenna reside on.

**AntennaDemo** A demo of Matlab modifying and simulating a project  
This function is a demonstration of an realistic use  
for the ability to run SONNET from MATLAB.

This example will build a Sonnet Project in the form  
of a patch antenna and remove metal patches from it in  
order to get a very high -3dB bandwidth.

**SonnetBanner**  
SonnetBanner will make a Sonnet Geometry project  
circuit that will spell out a string using metal polygons

## Contact

Your feedback is important to us. If you have any questions or comments about SonnetLab, please contact Sonnet Support by email at [support@sonnetsoftware.com](mailto:support@sonnetsoftware.com).

Please make sure you are using the most up to date version of SonnetLab before submitting a bug report. When submitting a bug report please include the Sonnet project file that generated the error (Sonnet project files have the extension .son). The more information that that we receive the faster it will be for us to resolve the issue and contact you back.