

Radio 6.111 Checklist Of Deliverables

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--VGA Output

I will demonstrate this module by displaying a VGA output on the screen, which will show the waveform of the signal and its Fourier transform as appropriate at various points during all phases of the signal processing.

--Digital Down Converter

This module should take the AM signal and multiply by a sine wave in the time domain. The output will be visible on the VGA screen as a waveform.

--Tuner (if time permits)

This module should take a user input as input and change the frequency of the sine wave in downconversion in accordance with the user input. The output of this module will be shown on the VGA display; the frequency of the displayed sine wave should change with user input.